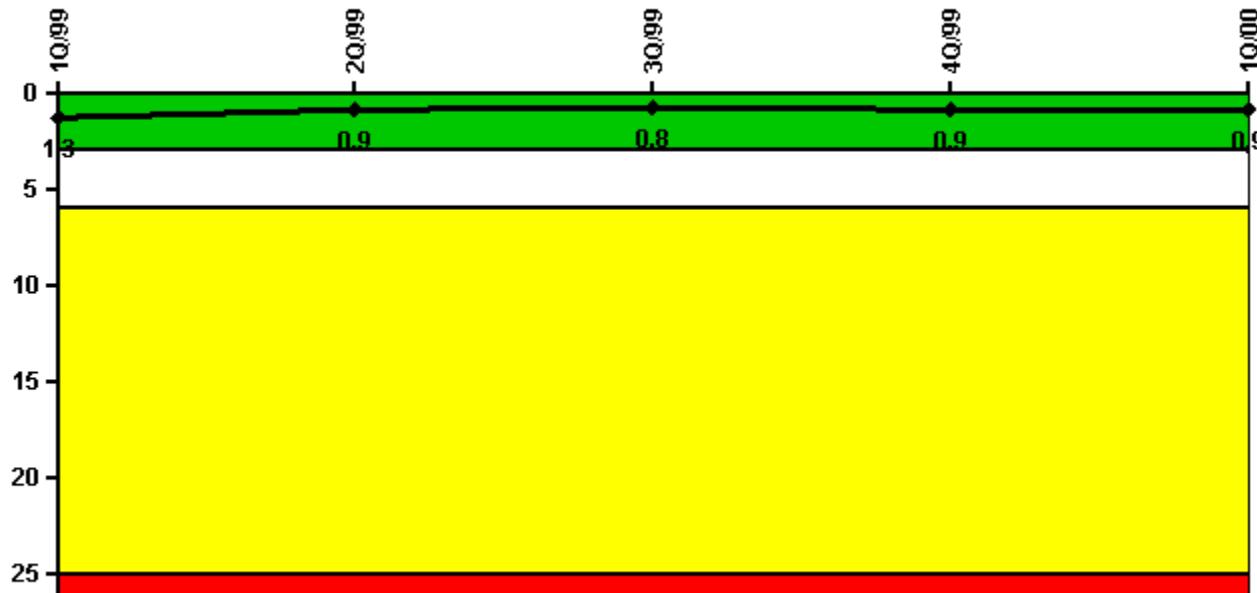


## La Salle 1

### 1Q/2000 Performance Indicators

Licensee's General Comments: An initiative to ensure that the NEI 99-02 guidelines are consistently applied to the Safety System Unavailability (SSU) Performance Indicators (PIs) amongst the 10 ComEd plants was completed. Changes to the historical SSU PI data have been submitted. These changes did result in a change to the Unit 1 fourth quarter 1999 SSU RCIC PI color from GREEN to WHITE. The first quarter performance indicator (PI) data elements were prepared in accordance with NEI 99-02 {Draft Revision D} and NRC Regulatory Issues Summary 2000-08.

#### **Unplanned Scrams per 7000 Critical Hrs**

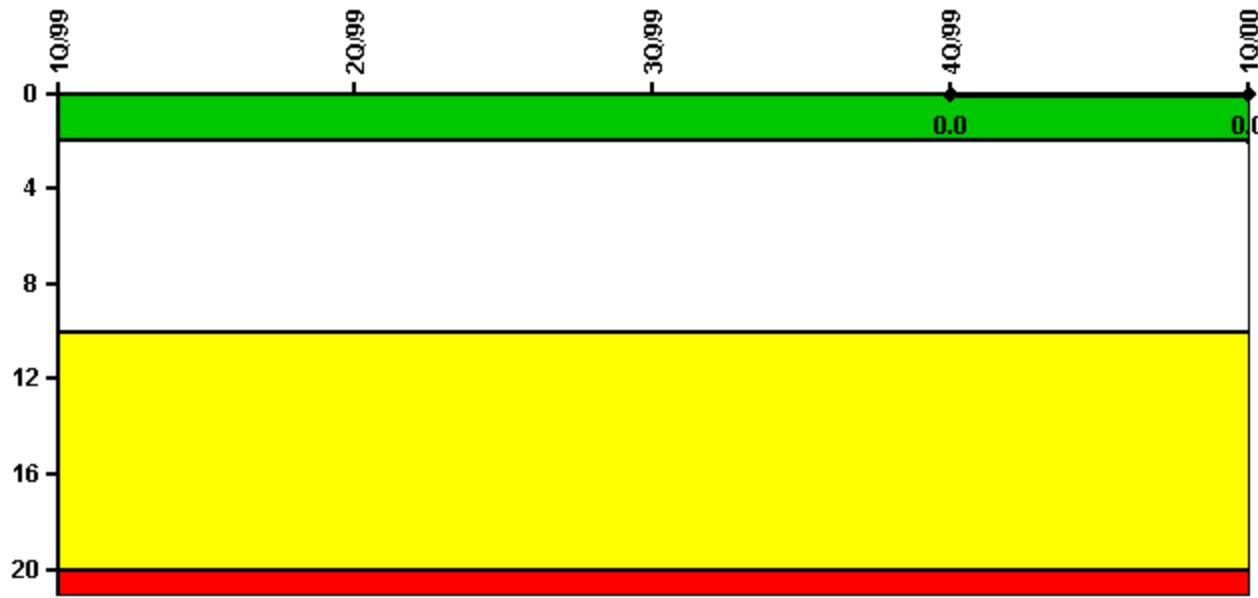


**Thresholds:** White > 3.0 Yellow > 6.0 Red > 25.0

#### **Notes**

| Unplanned Scrams per 7000 Critical Hrs | 1Q/99  | 2Q/99  | 3Q/99  | 4Q/99  | 1Q/00  |
|--|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 0      | 1.0    | 0      | 0      |
| Critical hours                         | 2160.0 | 2183.0 | 2166.4 | 1509.8 | 2184.0 |
|  |        |        |        |        |        |
| Indicator value                        | 1.3    | 0.9    | 0.8    | 0.9    | 0.9    |

Licensee Comments: none

**Scrams with Loss of Normal Heat Removal**

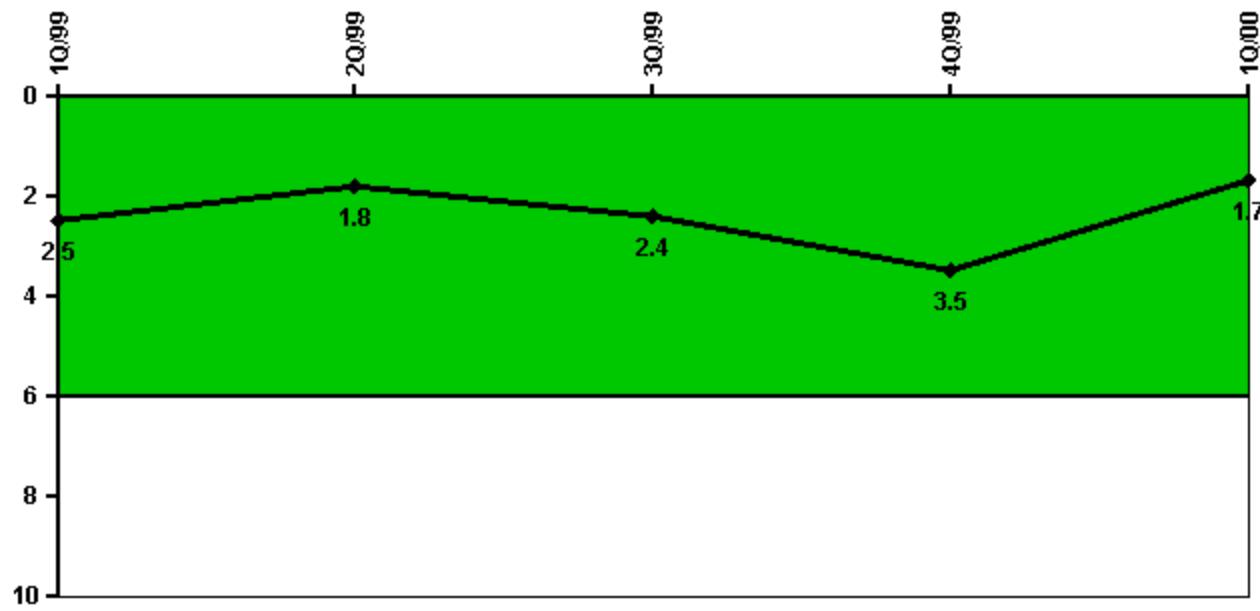
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

**Notes**

| Scrams with Loss of Normal Heat Removal | 1Q/99 | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 |
|---|-------|-------|-------|-------|-------|
| Scrams                                  | 0     | 0     | 0     | 0     | 0     |
|   |       |       |       |       |       |
| Indicator value                         |       |       |       | 0     | 0     |

Licensee Comments: none

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**Unplanned Power Changes per 7000 Critical Hrs**

Thresholds: White > 6.0

**Notes**

| Unplanned Power Changes per 7000 Critical Hrs | 1Q/99  | 2Q/99  | 3Q/99  | 4Q/99  | 1Q/00  |
|---|--------|--------|--------|--------|--------|
| Unplanned power changes                       | 2.0    | 0      | 1.0    | 1.0    | 0      |
| Critical hours                                | 2160.0 | 2183.0 | 2166.4 | 1509.8 | 2184.0 |
| Indicator value                               | 2.5    | 1.8    | 2.4    | 3.5    | 1.7    |

Licensee Comments: none

## Safety System Unavailability, Emergency AC Power, >2EDG



Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

### Notes

| Safety System Unavailability, Emergency AC Power, >2EDG | 1Q/99   | 2Q/99   | 3Q/99   | 4Q/99       | 1Q/00       |
|---|---------|---------|---------|-------------|-------------|
| <b>Train 1</b>  |         |         |         |             |             |
| Planned unavailable hours                               | 49.80   | 1.90    | 27.20   | 134.30      | 40.35       |
| Unplanned unavailable hours                             | 0       | 0       | 0       | 0           | 0           |
| Fault exposure hours                                    | 0       | 0       | 0       | 0           | 0           |
| Effective Reset hours                                   | 0       | 0       | 0       | 0           | 0           |
| Required hours  | 2160.00 | 2183.00 | 2208.00 | 2209.00     | 2184.00     |
| <b>Train 2</b>  |         |         |         |             |             |
| Planned unavailable hours                               | 0       | 0       | 51.80   | 1.30        | 39.57       |
| Unplanned unavailable hours                             | 0       | 12.60   | 0       | 0           | 5.77        |
| Fault exposure hours                                    | 0       | 0       | 0       | 0           | 0           |
| Effective Reset hours                                   | 0       | 0       | 0       | 0           | 0           |
| Required hours  | 2160.00 | 2183.00 | 2208.00 | 2209.00     | 2184.00     |
| <b>Train 3</b>  |         |         |         |             |             |
| Planned unavailable hours                               | 0       | 63.10   | 59.40   | 13.20       | 32.75       |
| Unplanned unavailable hours                             | 0       | 0       | 31.00   | 0           | 0           |
| Fault exposure hours                                    | 0       | 0       | 0       | 0           | 0           |
| Effective Reset hours                                   | 0       | 0       | 0       | 0           | 0           |
| Required hours  | 2160.00 | 2183.00 | 2208.00 | 2209.00     | 2184.00     |
| <b>Indicator value</b>                                  |         |         |         | <b>0.6%</b> | <b>0.8%</b> |

Licensee Comments:

1Q/00:

2Q/99: Train 2 unplanned unavailability was changed for May 1999. Train 3 planned unavailability was changed for April 1999. These changes were made due to a historical data review performed as noted in the January 2000 submittal.

1Q/99: Train 1 planned unavailability was changed for March 1999. This change was due to a historical data review as noted in January 2000

submittal.

4Q/98: Train 2 planned unavailability was changed for October 1998. Train 3 planned unavailable was changed for December 1998. These changes were due to a historical data review as noted in January 2000 submittal.

1Q/98: Train 1 planned unavailability was changed for January 1998. This change was due to a historical data review as noted in January 2000 submittal.

4Q/97: Train 1 planned unavailability was changed for December 1997. This change was due to a historical data review as noted in January 2000 submittal.

## Safety System Unavailability, High Pressure Injection System (HPCS)



Thresholds: White > 1.5% Yellow > 4.0% Red > 20.0%

## Notes

| Safety System Unavailability, High Pressure Injection System (HPCS) | 1Q/99   | 2Q/99   | 3Q/99   | 4Q/99   | 1Q/00   |
|---|---------|---------|---------|---------|---------|
| <b>Train 1</b>  |         |         |         |         |         |
| Planned unavailable hours   | 8.10    | 14.30   | 0       | 0       | 29.40   |
| Unplanned unavailable hours   | 0       | 0       | 0       | 0       | 0       |
| Fault exposure hours  | 0       | 0       | 0       | 0       | 0       |
| Effective Reset hours   | 0       | 0       | 0       | 0       | 0       |
| Required hours  | 2160.00 | 2183.00 | 2166.40 | 1509.80 | 2184.00 |
|   |         |         |         |         |         |
| <b>Indicator value</b>  |         |         |         | 0.2%    | 0.4%    |

Licensee Comments:

1Q/00:

1Q/99: The March planned unavailable hours were changed. This was due to a historical data review as noted in the January 2000 submittal.

## Safety System Unavailability, Heat Removal System (RCIC)



**Thresholds:** White > 4.0% Yellow > 12.0% Red > 50.0%

### Notes

| Safety System Unavailability, Heat Removal System (RCIC) |  | 1Q/99   | 2Q/99   | 3Q/99   | 4Q/99   | 1Q/00   |
|--|--|---------|---------|---------|---------|---------|
| <b>Train 1</b>   |  |         |         |         |         |         |
| Planned unavailable hours                                |  | 9.20    | 1.50    | 94.90   | 0       | 24.80   |
| Unplanned unavailable hours                              |  | 0       | 0       | 0       | 5.90    | 0       |
| Fault exposure hours                                     |  | 0       | 0       | 0       | 0       | 0       |
| Effective Reset hours                                    |  | 0       | 0       | 0       | 0       | 0       |
| Required hours   |  | 2160.00 | 2183.00 | 2166.40 | 1509.80 | 2184.00 |
|  |  |         |         |         |         |         |
| <b>Indicator value</b>                                   |  |         |         |         | 4.2%    | 3.7%    |

Licensee Comments:

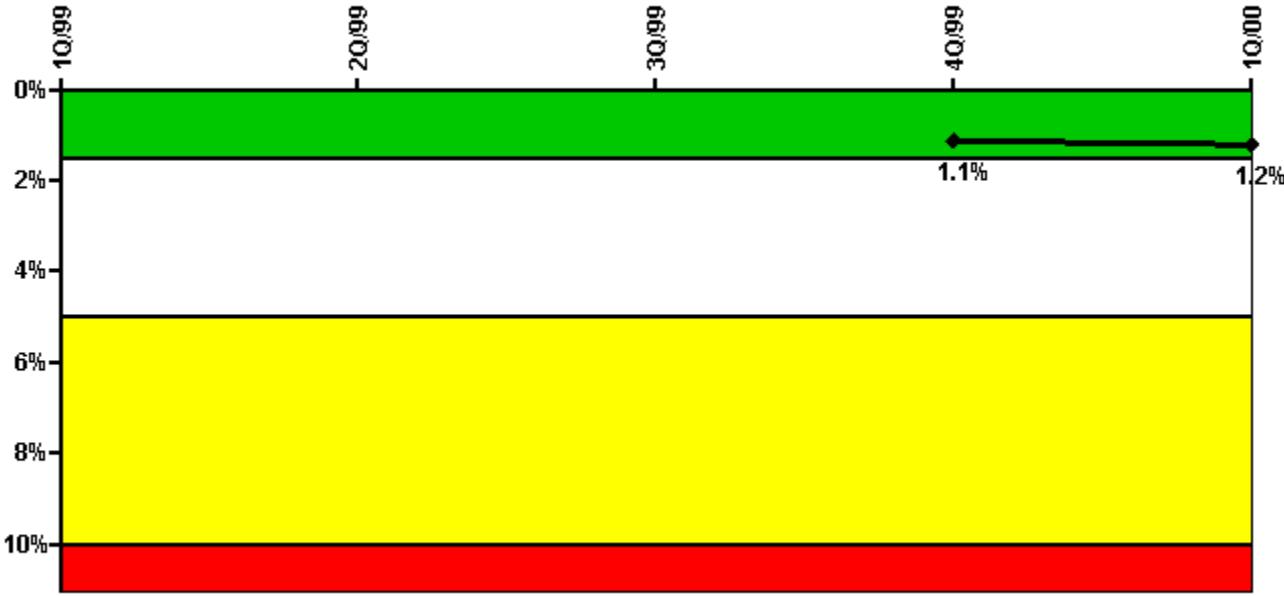
4Q/99: Due to the intricate nature of determining the data for the four Safety System Unavailability Performance Indicators, an initiative is in progress to ensure the NEI 99-02 guidelines are consistently applied amongst the 10 Commonwealth Edison Units. This initiative will be complete by the first quarter 2000 data submittal. The November unplanned unavailable hours were changed. This change was due to a historical data review as noted in January 2000 submittal.

3Q/99: August planned unavailable hours were changed. This was due to a historical data review as noted in January 2000 submittal.

1Q/99: The January and March planned unavailable hours were changed. This was due to a historical data review as noted in January 2000 submittal.

3Q/98: The August planned unavailable hours were changed. The September unplanned and planned unavailable hours were changed. These changes were due to a historical data review as noted in January 2000 submittal.

## Safety System Unavailability, Residual Heat Removal System



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

### Notes

| Safety System Unavailability, Residual Heat Removal System |  | 1Q/99   | 2Q/99   | 3Q/99   | 4Q/99   | 1Q/00   |
|--|--|---------|---------|---------|---------|---------|
| <b>Train 1</b>   |  |         |         |         |         |         |
| Planned unavailable hours                                  |  | 0       | 0       | 12.70   | 14.20   | 29.90   |
| Unplanned unavailable hours                                |  | 0       | 0       | 0       | 0       | 0       |
| Fault exposure hours                                       |  | 0       | 0       | 0       | 0       | 0       |
| Effective Reset hours                                      |  | 0       | 0       | 0       | 0       | 0       |
| Required hours   |  | 2160.00 | 2183.00 | 2208.00 | 2209.00 | 2184.00 |
| <b>Train 2</b>   |  |         |         |         |         |         |
| Planned unavailable hours                                  |  | 0       | 0       | 15.90   | 128.00  | 20.90   |
| Unplanned unavailable hours                                |  | 0       | 0       | 0       | 183.20  | 0       |
| Fault exposure hours                                       |  | 0       | 0       | 0       | 0       | 0       |
| Effective Reset hours                                      |  | 0       | 0       | 0       | 0       | 0       |
| Required hours   |  | 2160.00 | 2183.00 | 2208.00 | 2209.00 | 2184.00 |
| <b>Indicator value</b>                                     |  |         |         |         | 1.1%    | 1.2%    |

Licensee Comments:

1Q/00:

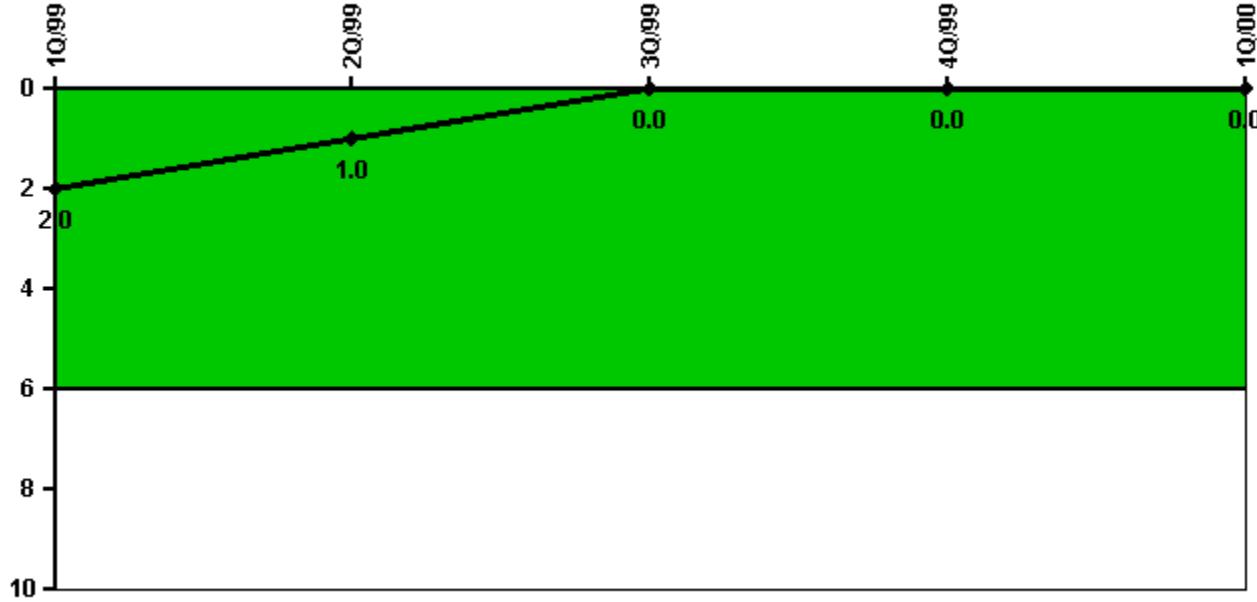
4Q/99: Due to the intricate nature of determining the data for the four Safety System Unavailability Performance Indicators, an initiative is in progress to ensure the NEI guidelines are consistently applied amongst the 10 Commonwealth Edison Units. This initiative will be complete by the first quarter 2000 data submittal. The Train 1 November planned unavailable hours changed. This was due to a historical data review as noted in January 2000 submittal.

4Q/98: Train 1 and 2 planned unavailable hours for November were changed. This was due to a historical data review as noted in January 2000

submittal.

4Q/97: Train 1 planned unavailable hours for October were changed. This was due to a historical data review as noted in January 2000 submittal.

### Safety System Functional Failures (BWR)



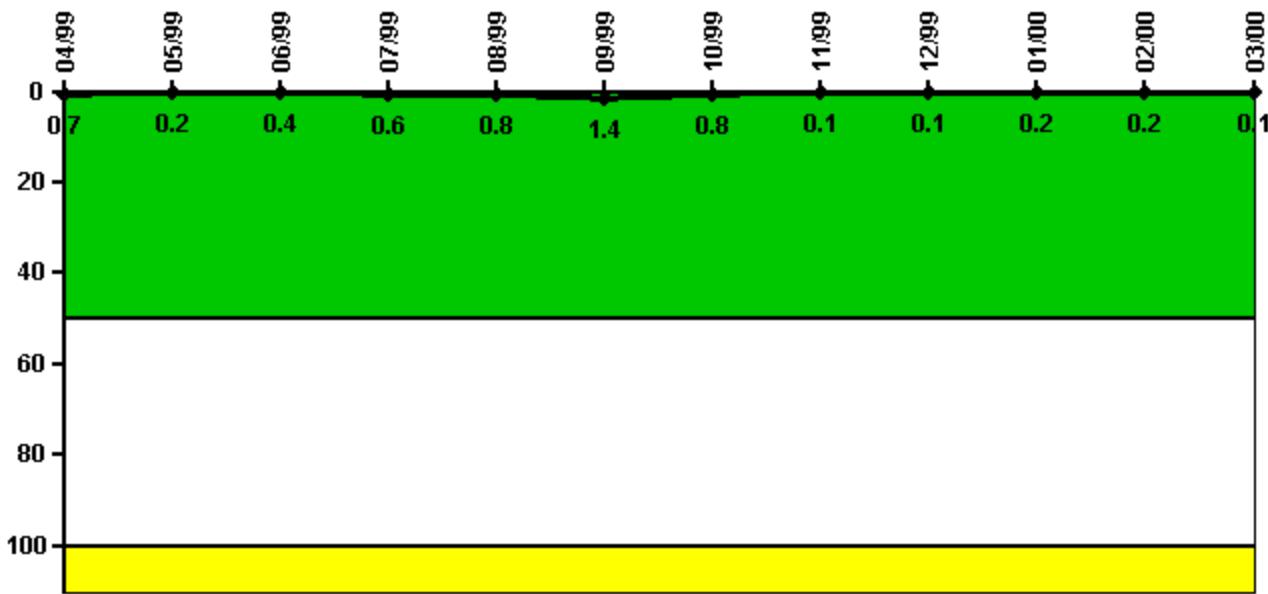
Thresholds: White > 6.0

### Notes

| Safety System Functional Failures (BWR) | 1Q/99 | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 |
|---|-------|-------|-------|-------|-------|
| Safety System Functional Failures       | 0     | 0     | 0     | 0     | 0     |
|   |       |       |       |       |       |
| Indicator value                         | 2     | 1     | 0     | 0     | 0     |

Licensee Comments: none

### Reactor Coolant System Activity



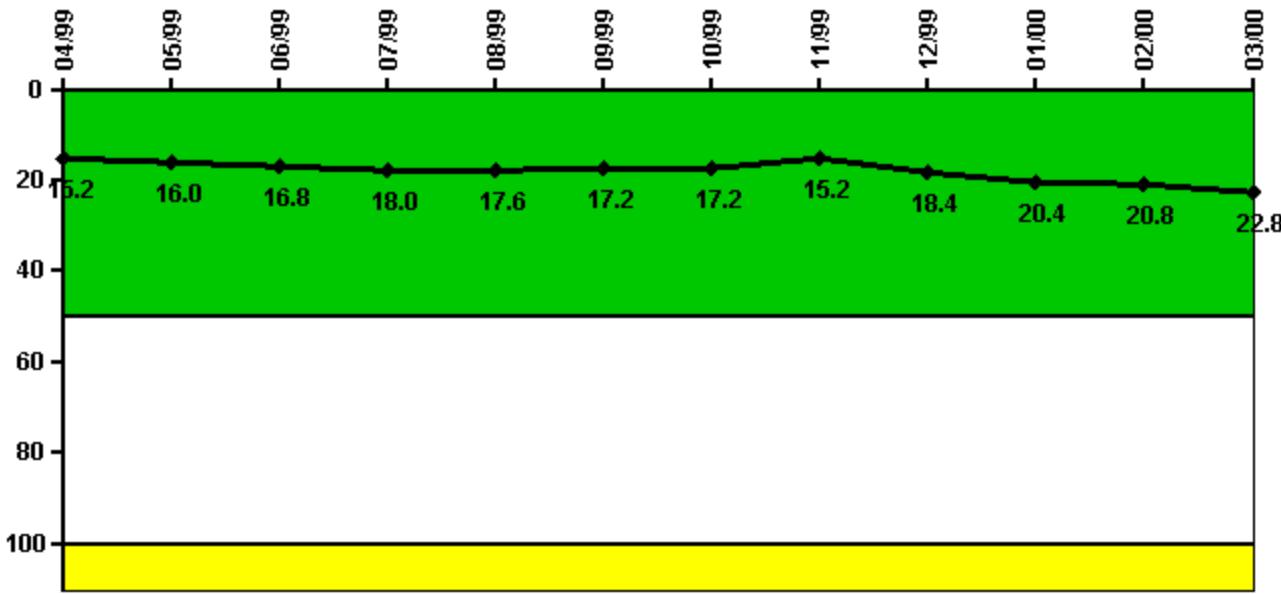
#### Notes

| Reactor Coolant System Activity | 4/99       | 5/99       | 6/99       | 7/99       | 8/99       | 9/99       | 10/99      | 11/99      | 12/99      | 1/00       | 2/00       | 3/00       |
|---------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Maximum activity                | 0.001460   | 0.000400   | 0.000810   | 0.001210   | 0.001590   | 0.002700   | 0.001680   | 0.000170   | 0.000230   | 0.000390   | 0.000490   | 0.000160   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| Indicator value                 | <b>0.7</b> | <b>0.2</b> | <b>0.4</b> | <b>0.6</b> | <b>0.8</b> | <b>1.4</b> | <b>0.8</b> | <b>0.1</b> | <b>0.1</b> | <b>0.2</b> | <b>0.2</b> | <b>0.1</b> |

Licensee Comments: none

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### Reactor Coolant System Leakage

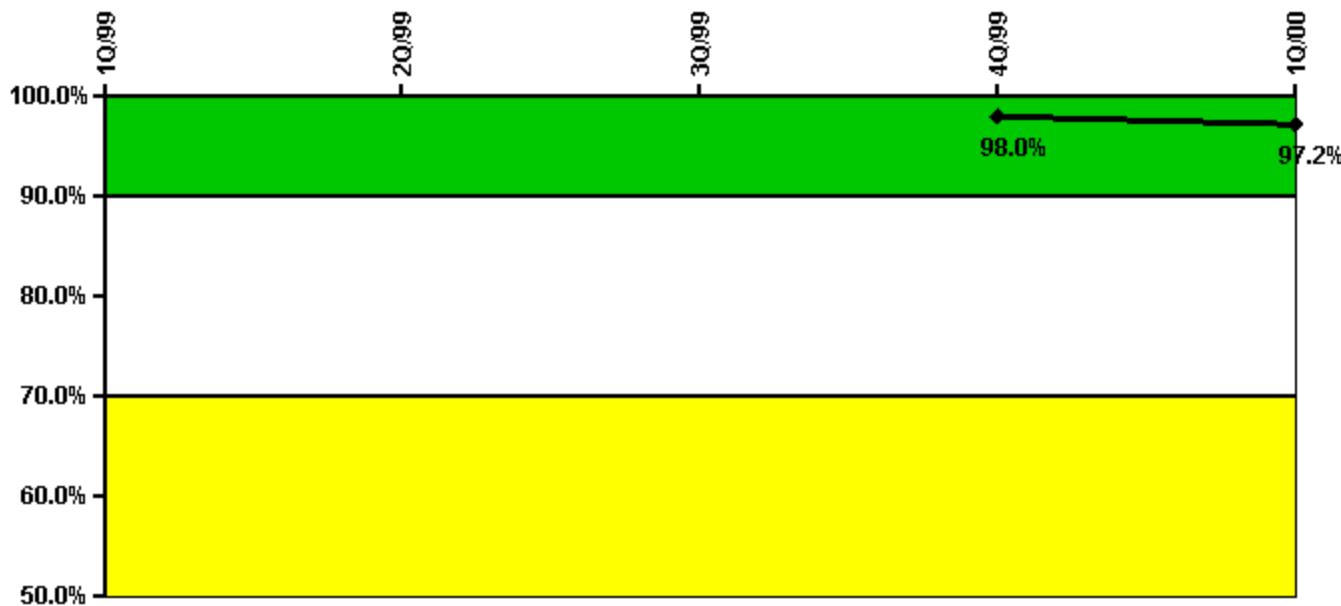


Thresholds: White > 50.0 Yellow > 100.0

#### Notes

| Reactor Coolant System Leakage | 4/99  | 5/99  | 6/99  | 7/99  | 8/99  | 9/99  | 10/99 | 11/99 | 12/99 | 1/00  | 2/00  | 3/00  |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage                | 3.800 | 4.000 | 4.200 | 4.500 | 4.400 | 4.300 | 4.300 | 3.800 | 4.600 | 5.100 | 5.200 | 5.700 |
| Technical specification limit  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  |
| Indicator value                | 15.2  | 16.0  | 16.8  | 18.0  | 17.6  | 17.2  | 17.2  | 15.2  | 18.4  | 20.4  | 20.8  | 22.8  |

Licensee Comments: none

**Drill/Exercise Performance**

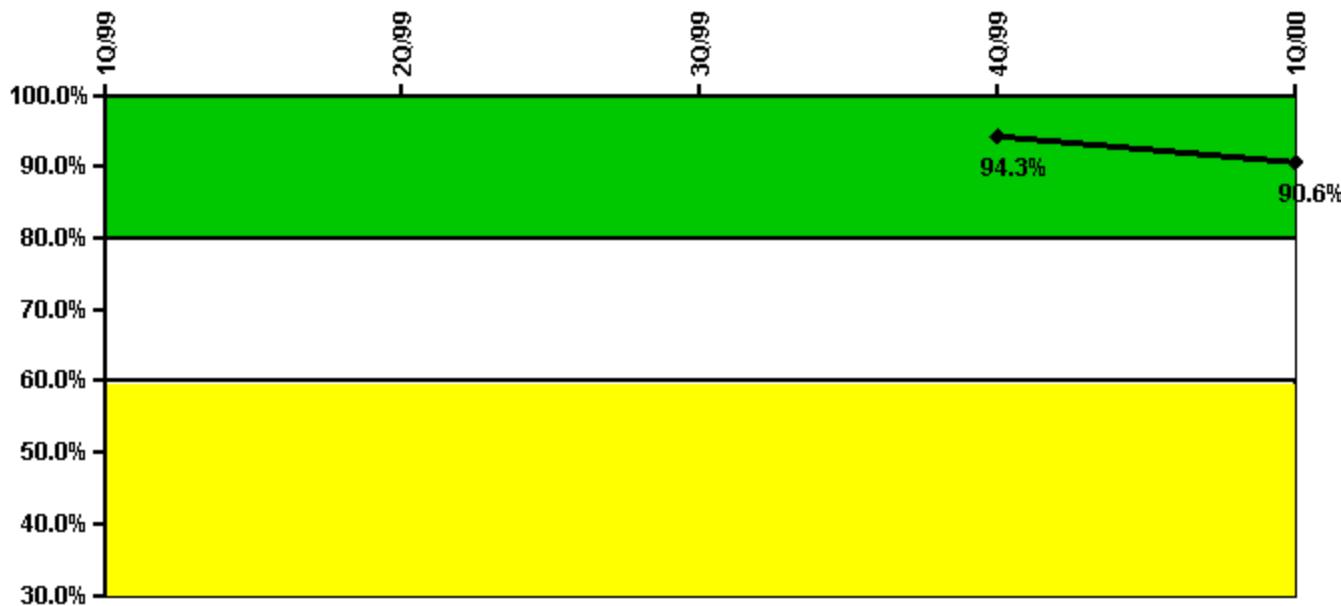
Thresholds: White < 90.0% Yellow < 70.0%

**Notes**

| Drill/Exercise Performance | 1Q/99 | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 |
|----------------------------|-------|-------|-------|-------|-------|
| Successful opportunities   | 0     | 12.0  | 12.0  | 0     | 5.0   |
| Total opportunities        | 0     | 13.0  | 12.0  | 0     | 5.0   |
| Indicator value            |       |       |       | 98.0% | 97.2% |

Licensee Comments: none

### ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

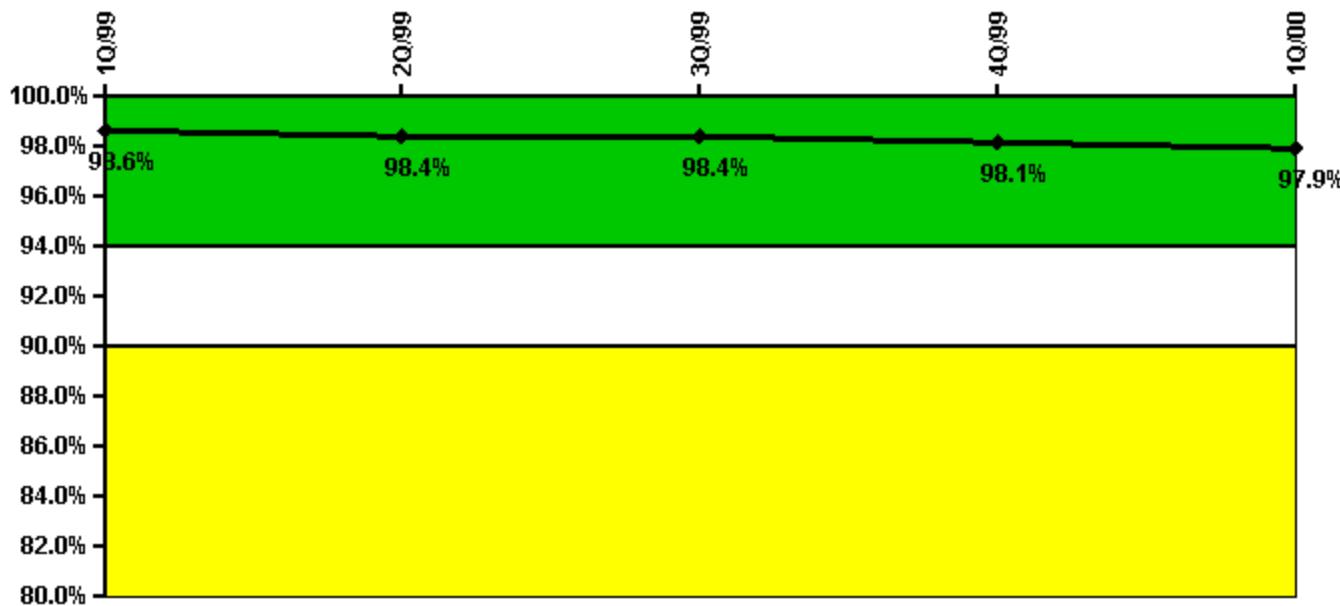
| ERO Drill Participation     | 1Q/99 | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 |
|-----------------------------|-------|-------|-------|-------|-------|
| Participating Key personnel |       |       |       | 50.0  | 48.0  |
| Total Key personnel         |       |       |       | 53.0  | 53.0  |
| Indicator value             |       |       |       | 94.3% | 90.6% |

#### Licensee Comments:

1Q/00: FAQ #22 in FAQ log #3 was reviewed by Commonwealth Edison (ComEd) Company Emergency Planning management and it was determined that no historical data changes were required. Common guidance was developed and implemented at the 10 ComEd plants for the collection of first quarter 2000 Emergency Response Organization Drill Participation performance indicator data.

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### Alert & Notification System



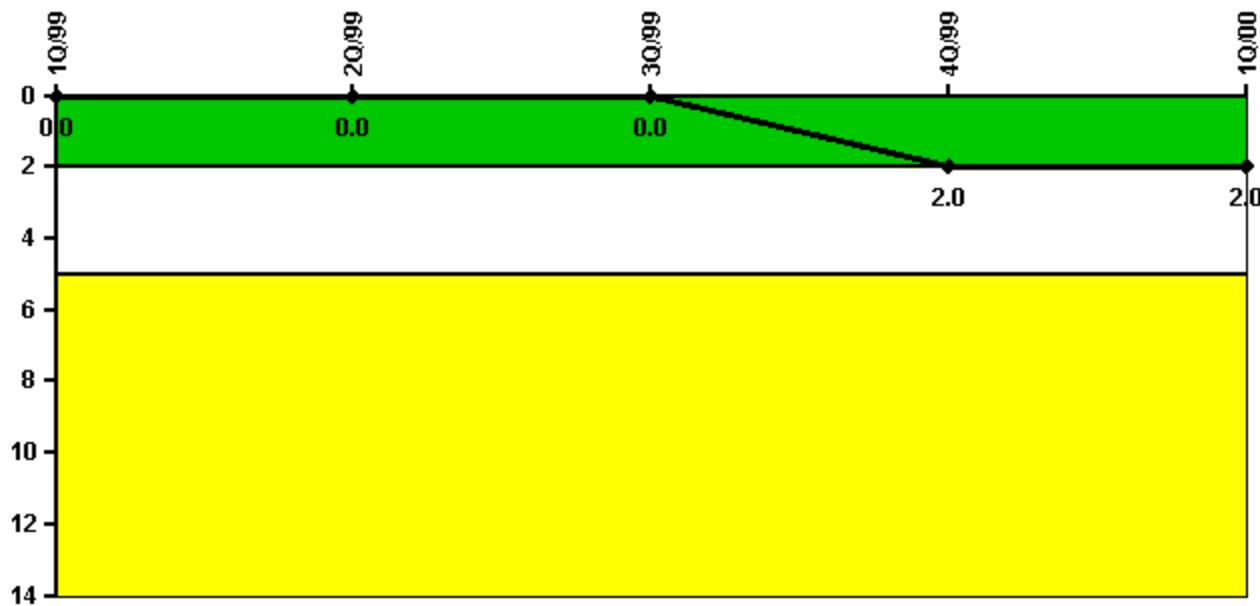
Thresholds: White < 94.0% Yellow < 90.0%

#### Notes

| Alert & Notification System | 1Q/99 | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 |
|-----------------------------|-------|-------|-------|-------|-------|
| Successful siren-tests      | 2120  | 2109  | 2142  | 2097  | 2143  |
| Total sirens-tests          | 2142  | 2176  | 2176  | 2142  | 2176  |
| Indicator value             | 98.6% | 98.4% | 98.4% | 98.1% | 97.9% |

Licensee Comments: none

## Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

### Notes

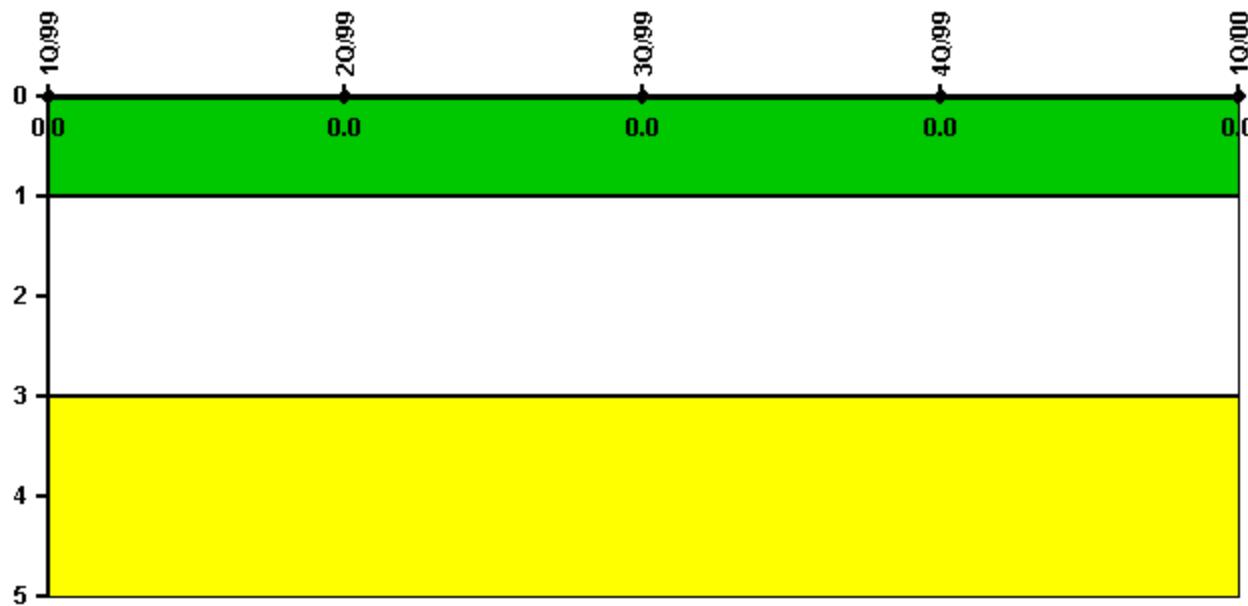
| Occupational Exposure Control Effectiveness | 1Q/99    | 2Q/99    | 3Q/99    | 4Q/99    | 1Q/00    |
|---|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 0        | 0        | 0        | 2        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>0</b> | <b>0</b> | <b>0</b> | <b>2</b> | <b>2</b> |

Licensee Comments:

1Q/00:

4Q/99: The December 1999 event had been removed. It has since been determined that it should not have been removed and is being added back in.

4Q/99: The December 1999 event has been removed. Due to NEI 99-02 R0 FAQ response #100 this event is no longer considered applicable to this indicator.

**RETS/ODCM Radiological Effluent**

Thresholds: White > 1.0 Yellow > 3.0

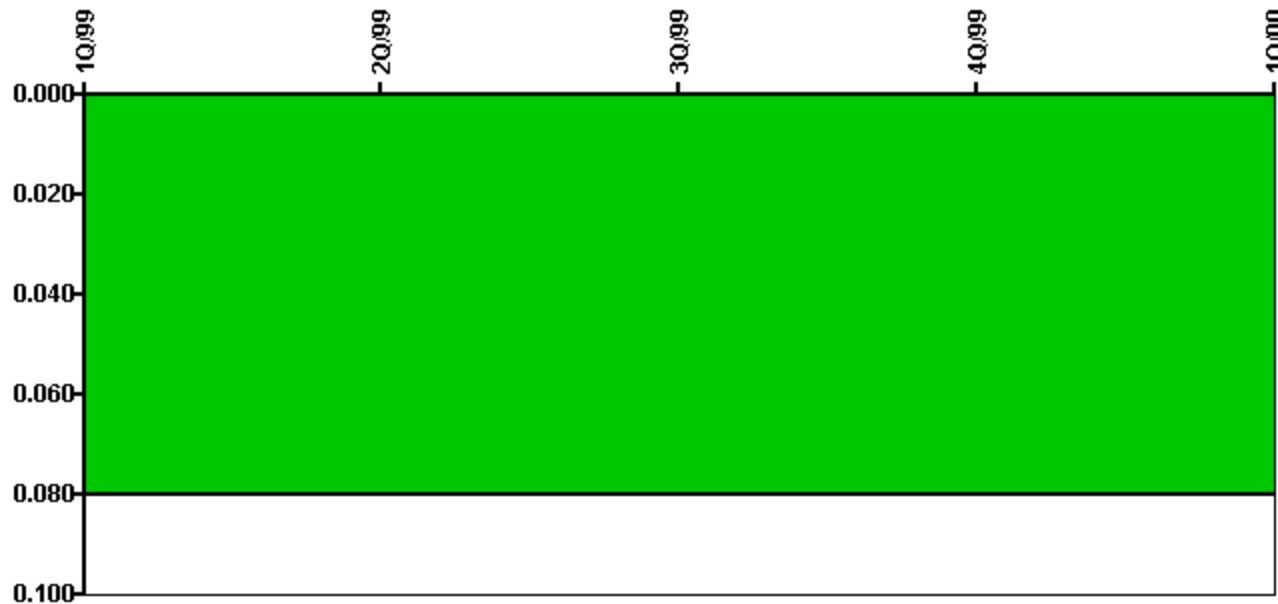
**Notes**

| RETS/ODCM Radiological Effluent | 1Q/99 | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 |
|---------------------------------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences           | 0     | 0     | 0     | 0     | 0     |
|                                 |       |       |       |       |       |
| Indicator value                 | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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### Protected Area Security Performance Index



Thresholds: White > 0.080

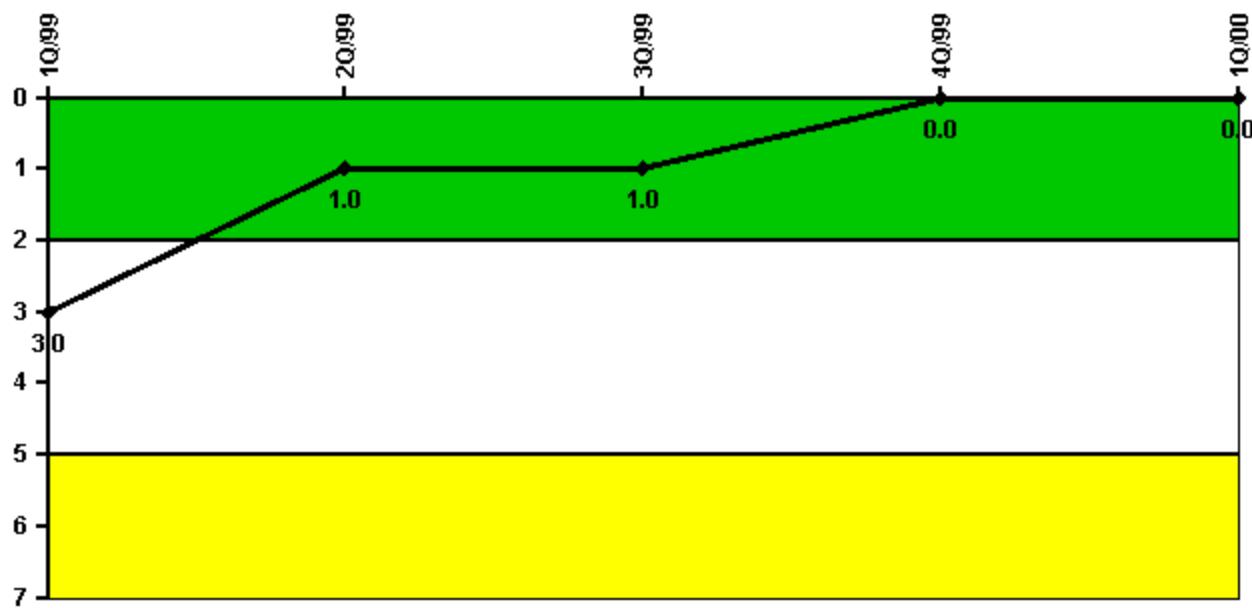
#### Notes

| Protected Area Security Performance Index | 1Q/99        | 2Q/99        | 3Q/99        | 4Q/99        | 1Q/00        |
|---|--------------|--------------|--------------|--------------|--------------|
| IDS compensatory hours                    | 384.30       | 1403.40      | 1335.00      | 657.40       | 81.30        |
| CCTV compensatory hours                   | 880.7        | 595.5        | 1347.1       | 205.1        | 9.6          |
| IDS normalization factor                  | 1.20         | 1.20         | 1.20         | 1.20         | 1.20         |
| CCTV normalization factor                 | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          |
|   |              |              |              |              |              |
| <b>Index Value</b>                        | <b>0.313</b> | <b>0.309</b> | <b>0.344</b> | <b>0.353</b> | <b>0.289</b> |

Licensee Comments:

1Q/00:

### Personnel Screening Program



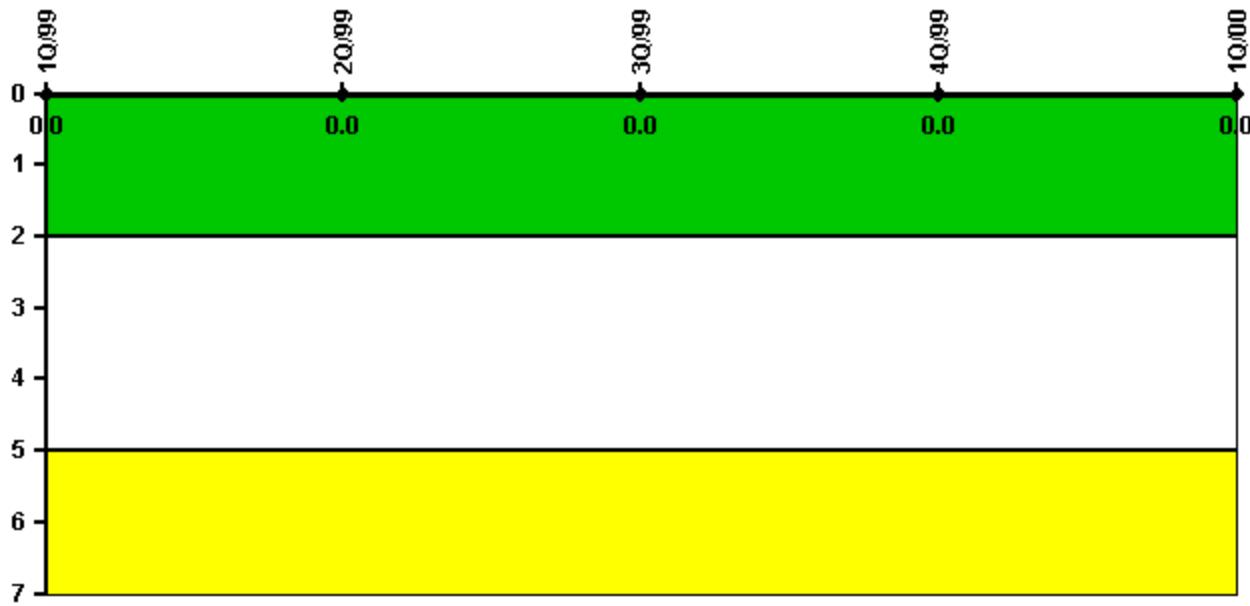
Thresholds: White > 2.0 Yellow > 5.0

#### Notes

| Personnel Screening Program | 1Q/99 | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 |
|-----------------------------|-------|-------|-------|-------|-------|
| Program failures            | 0     | 0     | 0     | 0     | 0     |
|                             |       |       |       |       |       |
| Indicator value             | 3     | 1     | 1     | 0     | 0     |

Licensee Comments: none

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**FFD/Personnel Reliability**

Thresholds: White > 2.0 Yellow > 5.0

**Notes**

| FFD/Personnel Reliability | 1Q/99 | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 |
|---------------------------|-------|-------|-------|-------|-------|
| Program Failures          | 0     | 0     | 0     | 0     | 0     |
|                           |       |       |       |       |       |
| Indicator value           | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

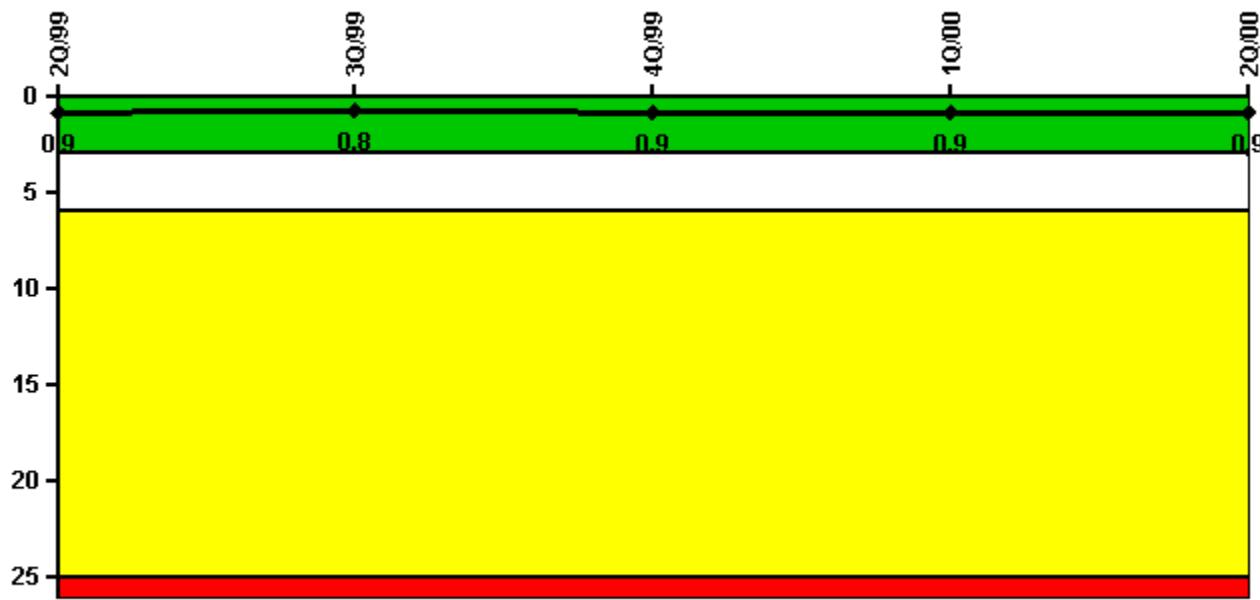


[PI Summary](#) | [Inspection Findings Summary](#) | [Reactor Oversight Process](#)

Last Modified: April 1, 2002

**La Salle 1****2Q/2000 Performance Indicators**

Licensee's General Comments: none

**Unplanned Scrams per 7000 Critical Hrs**

Thresholds: White &gt; 3.0 Yellow &gt; 6.0 Red &gt; 25.0

**Notes**

| Unplanned Scrams per 7000 Critical Hrs | 2Q/99  | 3Q/99  | 4Q/99  | 1Q/00  | 2Q/00  |
|--|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 1.0    | 0      | 0      | 0      |
| Critical hours                         | 2183.0 | 2166.4 | 1509.8 | 2184.0 | 2183.0 |
| Indicator value                        | 0.9    | 0.8    | 0.9    | 0.9    | 0.9    |

Licensee Comments: none

**Scrams with Loss of Normal Heat Removal**

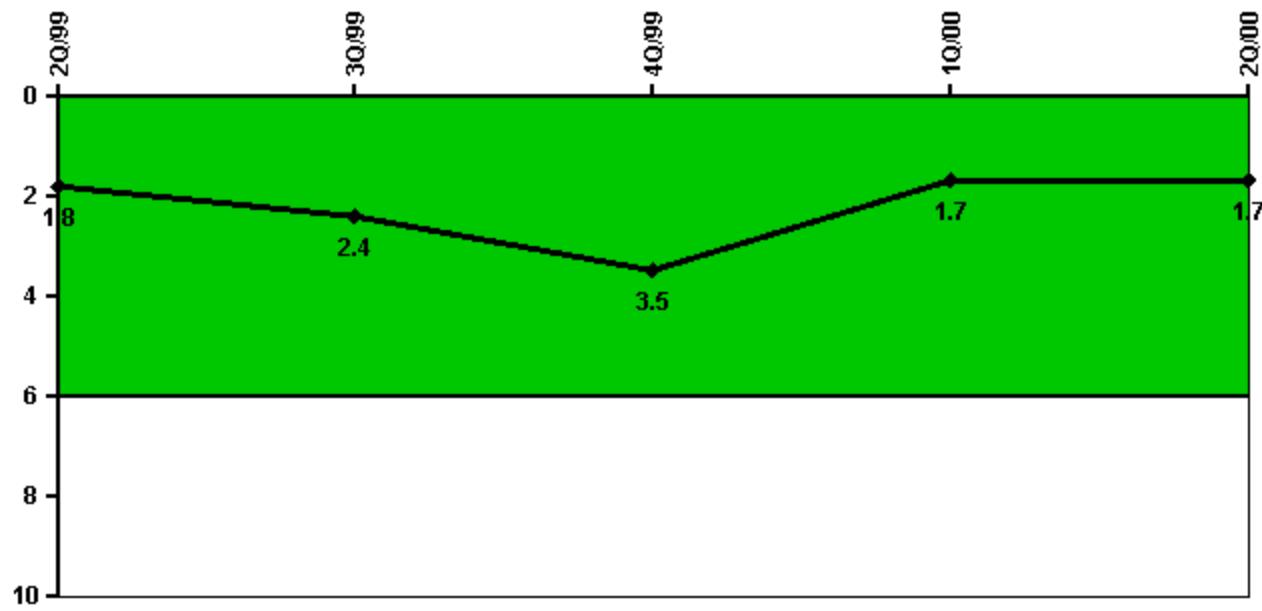
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

**Notes**

| Scrams with Loss of Normal Heat Removal | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 |
|---|-------|-------|-------|-------|-------|
| Scrams                                  | 0     | 0     | 0     | 0     | 0     |
|   |       |       |       |       |       |
| Indicator value                         |       |       | 0     | 0     | 0     |

Licensee Comments: none

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**Unplanned Power Changes per 7000 Critical Hrs**

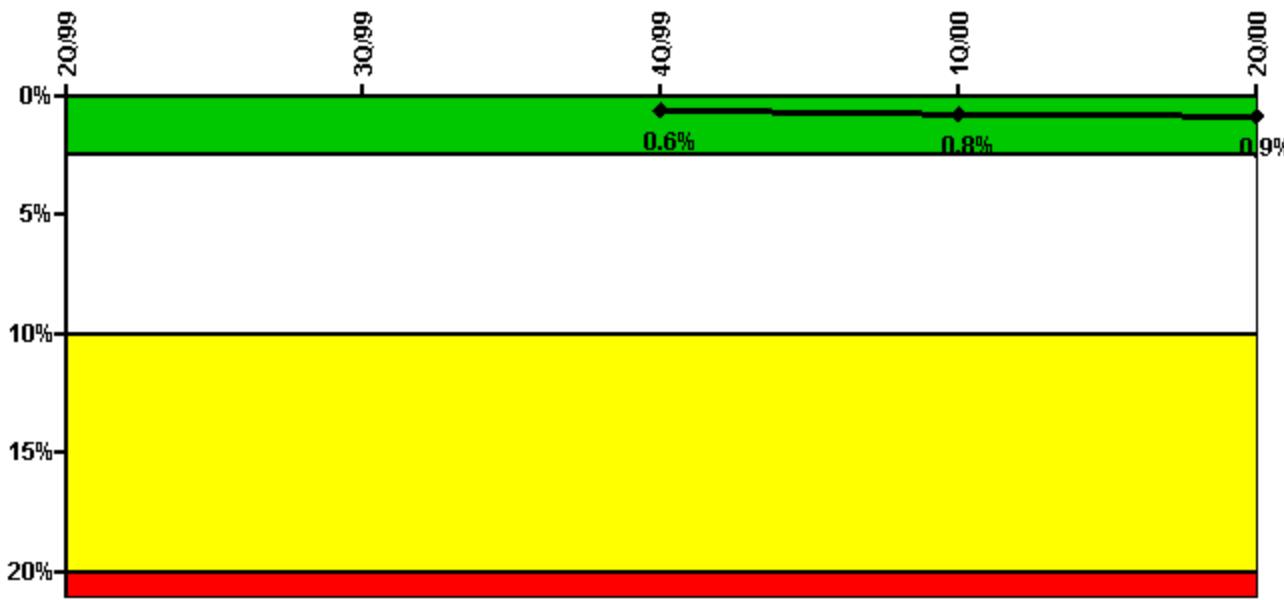
Thresholds: White > 6.0

**Notes**

| Unplanned Power Changes per 7000 Critical Hrs | 2Q/99  | 3Q/99  | 4Q/99  | 1Q/00  | 2Q/00  |
|---|--------|--------|--------|--------|--------|
| Unplanned power changes                       | 0      | 1.0    | 1.0    | 0      | 0      |
| Critical hours                                | 2183.0 | 2166.4 | 1509.8 | 2184.0 | 2183.0 |
| Indicator value                               | 1.8    | 2.4    | 3.5    | 1.7    | 1.7    |

Licensee Comments: none

## Safety System Unavailability, Emergency AC Power, >2EDG



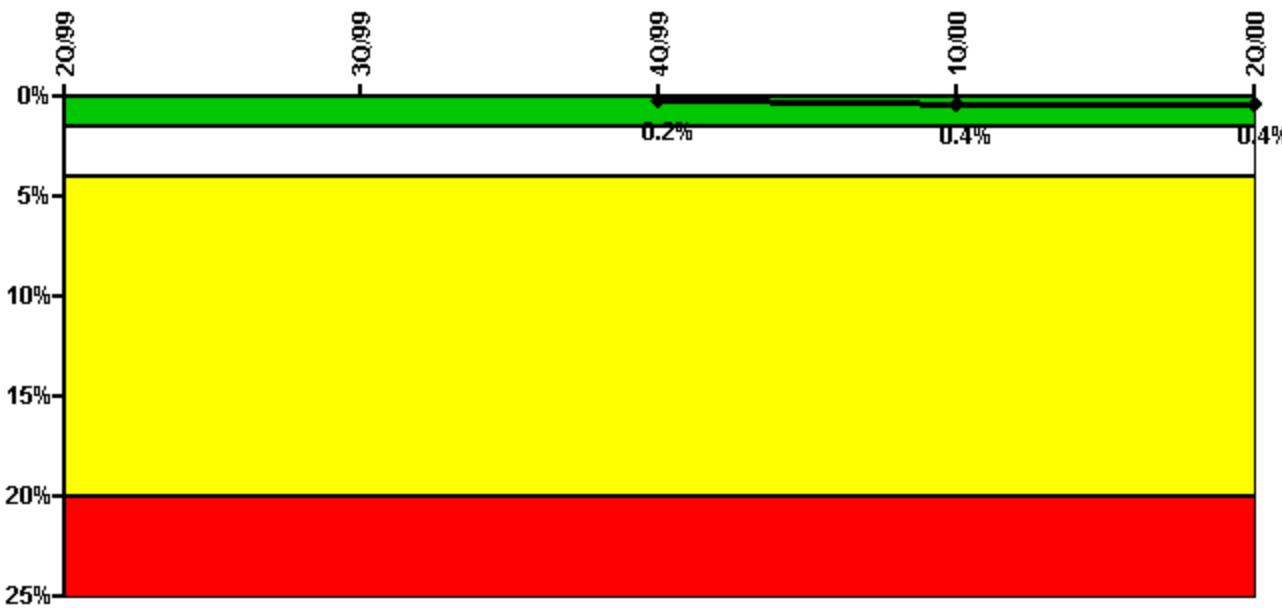
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

### Notes

| Safety System Unavailability, Emergency AC Power, >2EDG |  | 2Q/99   | 3Q/99   | 4Q/99   | 1Q/00   | 2Q/00   |
|---|--|---------|---------|---------|---------|---------|
| <b>Train 1</b>  |  |         |         |         |         |         |
| Planned unavailable hours                               |  | 1.90    | 27.20   | 134.30  | 40.35   | 0.85    |
| Unplanned unavailable hours                             |  | 0       | 0       | 0       | 0       | 17.00   |
| Fault exposure hours                                    |  | 0       | 0       | 0       | 0       | 0       |
| Effective Reset hours                                   |  | 0       | 0       | 0       | 0       | 0       |
| Required hours  |  | 2183.00 | 2208.00 | 2209.00 | 2184.00 | 2183.00 |
| <b>Train 2</b>  |  |         |         |         |         |         |
| Planned unavailable hours                               |  | 0       | 51.80   | 1.30    | 39.57   | 1.05    |
| Unplanned unavailable hours                             |  | 12.60   | 0       | 0       | 5.77    | 0       |
| Fault exposure hours                                    |  | 0       | 0       | 0       | 0       | 0       |
| Effective Reset hours                                   |  | 0       | 0       | 0       | 0       | 0       |
| Required hours  |  | 2183.00 | 2208.00 | 2209.00 | 2184.00 | 2183.00 |
| <b>Train 3</b>  |  |         |         |         |         |         |
| Planned unavailable hours                               |  | 63.10   | 59.40   | 13.20   | 32.75   | 43.90   |
| Unplanned unavailable hours                             |  | 0       | 31.00   | 0       | 0       | 0       |
| Fault exposure hours                                    |  | 0       | 0       | 0       | 0       | 0       |
| Effective Reset hours                                   |  | 0       | 0       | 0       | 0       | 0       |
| Required hours  |  | 2183.00 | 2208.00 | 2209.00 | 2184.00 | 2183.00 |
| <b>Indicator value</b>                                  |  |         |         | 0.6%    | 0.8%    | 0.9%    |

Licensee Comments: none

## Safety System Unavailability, High Pressure Injection System (HPCS)



Thresholds: White > 1.5% Yellow > 4.0% Red > 20.0%

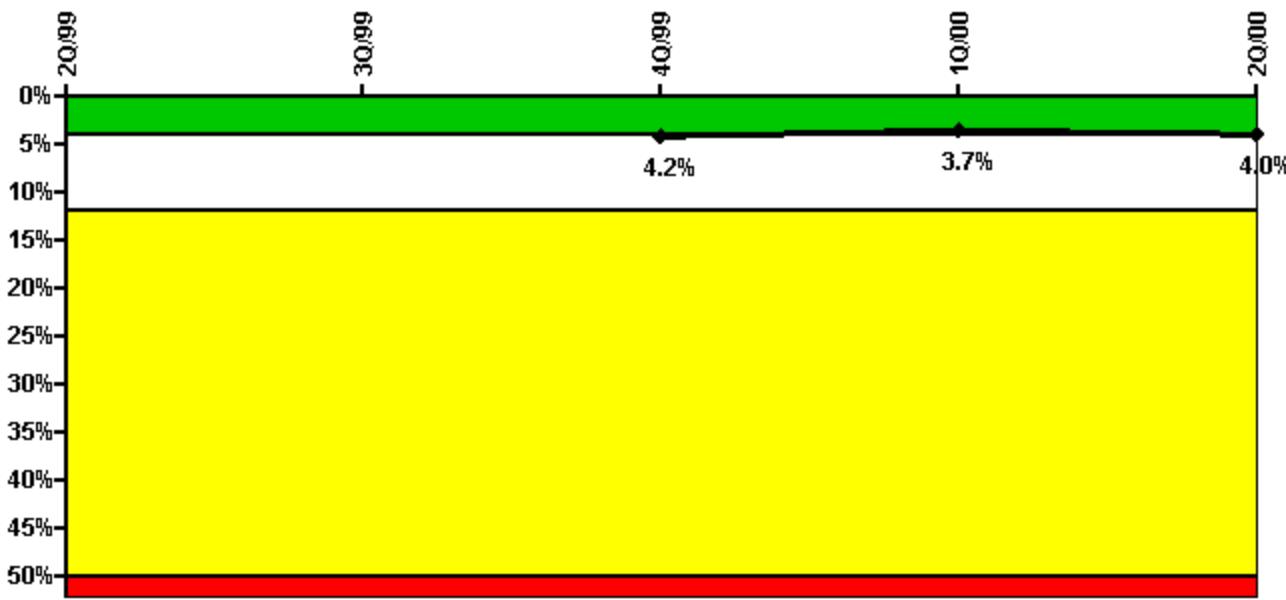
### Notes

| Safety System Unavailability, High Pressure Injection System (HPCS) | 2Q/99   | 3Q/99   | 4Q/99       | 1Q/00       | 2Q/00       |
|---|---------|---------|-------------|-------------|-------------|
| <b>Train 1</b>  |         |         |             |             |             |
| Planned unavailable hours   | 14.30   | 0       | 0           | 29.40       | 4.60        |
| Unplanned unavailable hours   | 0       | 0       | 0           | 0           | 0           |
| Fault exposure hours  | 0       | 0       | 0           | 0           | 0           |
| Effective Reset hours   | 0       | 0       | 0           | 0           | 0           |
| Required hours  | 2183.00 | 2166.40 | 1509.80     | 2184.00     | 2183.00     |
| <b>Indicator value</b>  |         |         | <b>0.2%</b> | <b>0.4%</b> | <b>0.4%</b> |

Licensee Comments:

2Q/00: Error made in determining end time of Planned Unavailable Hours. Error found during review of Maintenance Rule data. The planned unavailable hours for May changed from 1.2 hours.

## Safety System Unavailability, Heat Removal System (RCIC)



Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

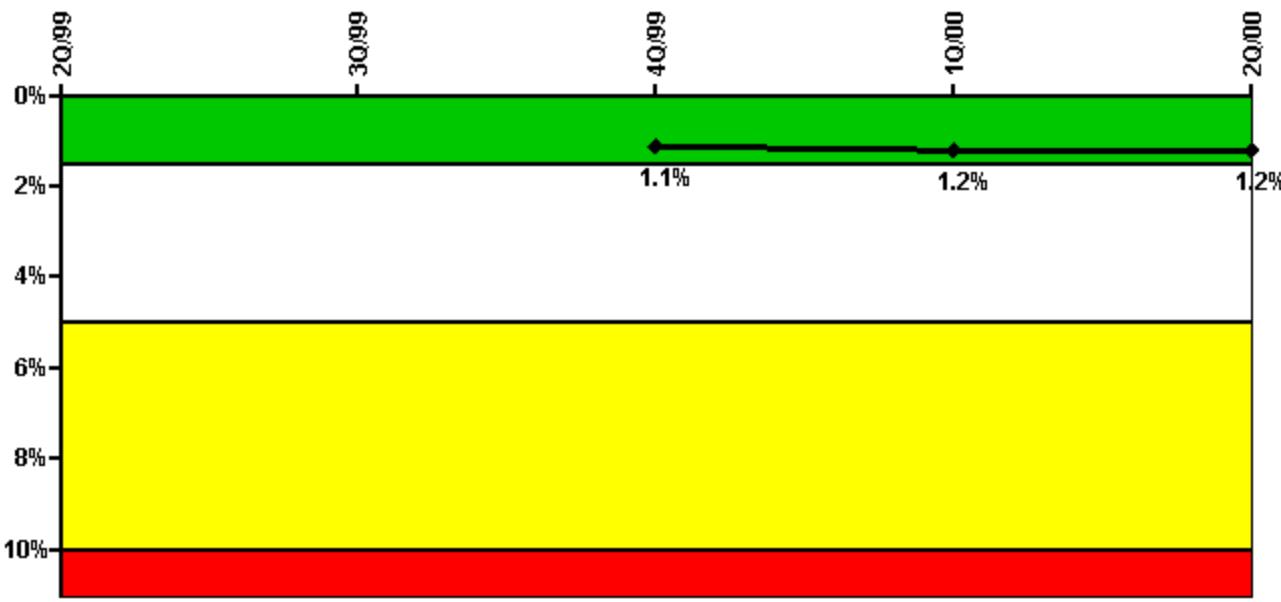
### Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 2Q/99   | 3Q/99   | 4Q/99       | 1Q/00       | 2Q/00       |
|--|---------|---------|-------------|-------------|-------------|
| <b>Train 1</b>   |         |         |             |             |             |
| Planned unavailable hours                                | 1.50    | 94.90   | 0           | 24.80       | 92.30       |
| Unplanned unavailable hours                              | 0       | 0       | 5.90        | 0           | 20.40       |
| Fault exposure hours                                     | 0       | 0       | 0           | 0           | 5.40        |
| Effective Reset hours                                    | 0       | 0       | 0           | 0           | 0           |
| Required hours   | 2183.00 | 2166.40 | 1509.80     | 2184.00     | 2183.00     |
| <b>Indicator value</b>                                   |         |         | <b>4.2%</b> | <b>3.7%</b> | <b>4.0%</b> |

### Licensee Comments:

2Q/00: Error found during review of maintenance rule hours. The planned unavailable hours changed from 39 to 42.9 hours for the month of May.

## Safety System Unavailability, Residual Heat Removal System

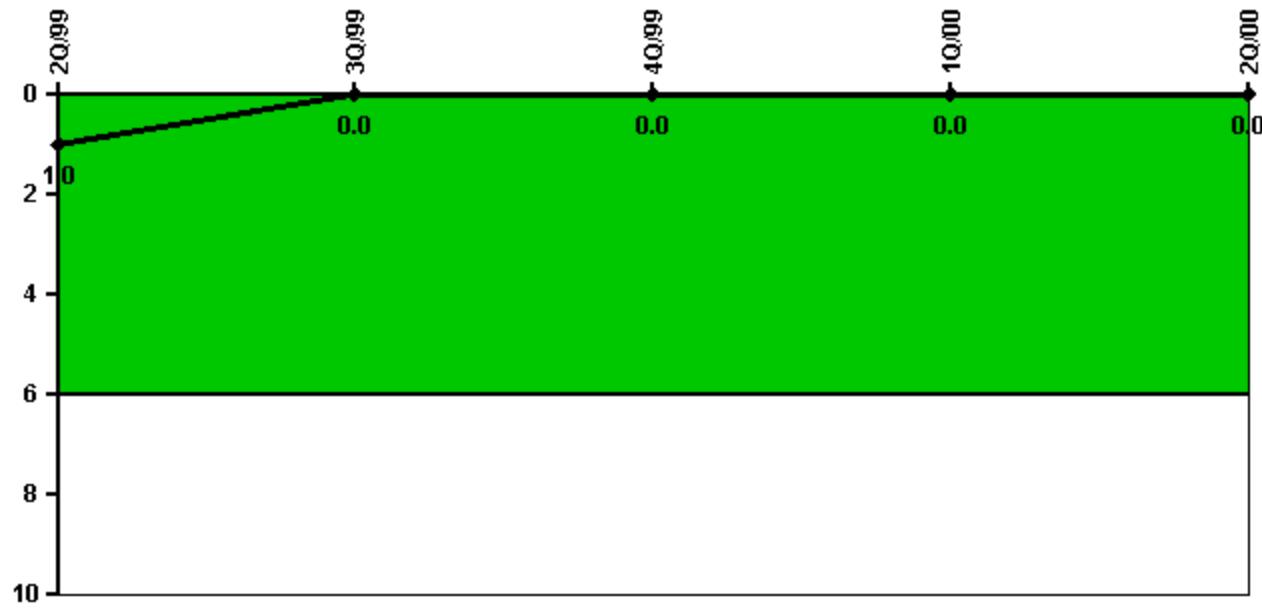


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

### Notes

| Safety System Unavailability, Residual Heat Removal System |  | 2Q/99   | 3Q/99   | 4Q/99   | 1Q/00   | 2Q/00   |
|--|--|---------|---------|---------|---------|---------|
| <b>Train 1</b>   |  |         |         |         |         |         |
| Planned unavailable hours                                  |  | 0       | 12.70   | 14.20   | 29.90   | 39.40   |
| Unplanned unavailable hours                                |  | 0       | 0       | 0       | 0       | 0       |
| Fault exposure hours                                       |  | 0       | 0       | 0       | 0       | 0       |
| Effective Reset hours                                      |  | 0       | 0       | 0       | 0       | 0       |
| Required hours   |  | 2183.00 | 2208.00 | 2209.00 | 2184.00 | 2183.00 |
| <b>Train 2</b>   |  |         |         |         |         |         |
| Planned unavailable hours                                  |  | 0       | 15.90   | 128.00  | 20.90   | 9.10    |
| Unplanned unavailable hours                                |  | 0       | 0       | 183.20  | 0       | 0       |
| Fault exposure hours                                       |  | 0       | 0       | 0       | 0       | 0       |
| Effective Reset hours                                      |  | 0       | 0       | 0       | 0       | 0       |
| Required hours   |  | 2183.00 | 2208.00 | 2209.00 | 2184.00 | 2183.00 |
| <b>Indicator value</b>                                     |  |         |         | 1.1%    | 1.2%    | 1.2%    |

Licensee Comments: none

**Safety System Functional Failures (BWR)**

Thresholds: White > 6.0

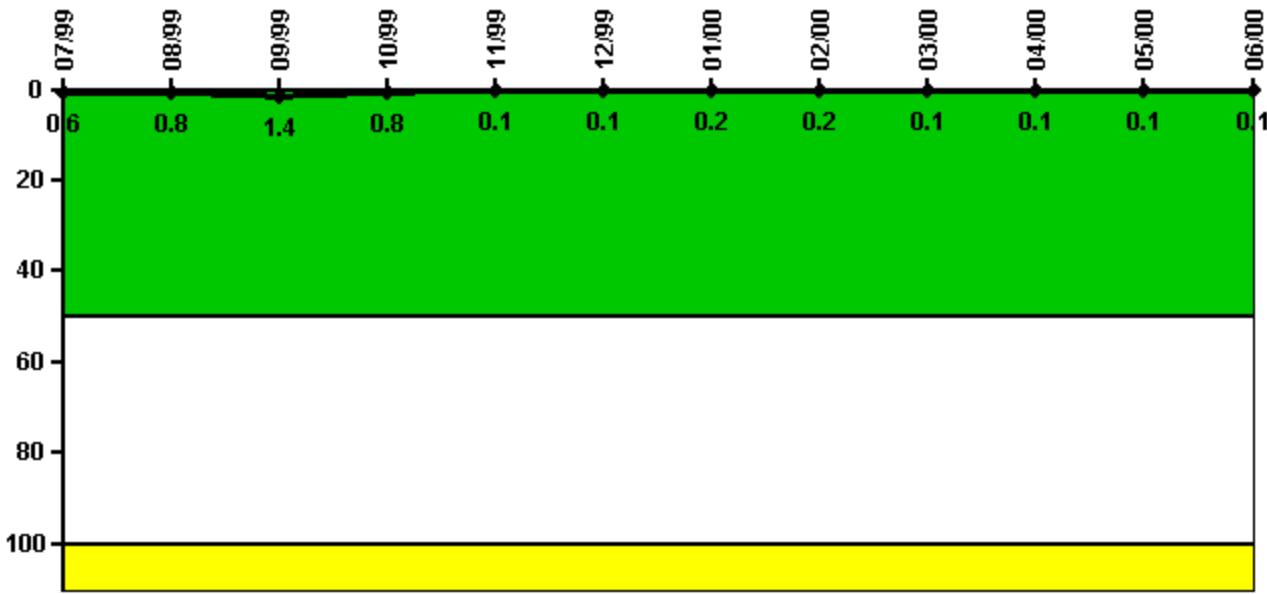
**Notes**

| Safety System Functional Failures (BWR) | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 |
|---|-------|-------|-------|-------|-------|
| Safety System Functional Failures       | 0     | 0     | 0     | 0     | 0     |
|   |       |       |       |       |       |
| Indicator value                         | 1     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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### Reactor Coolant System Activity

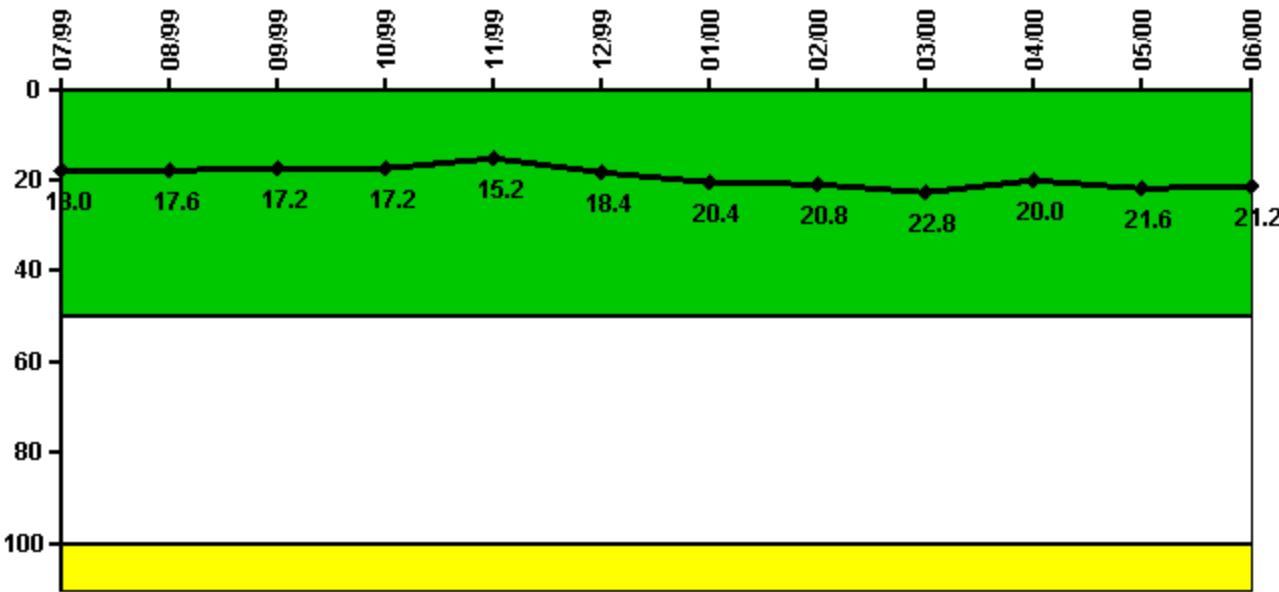


Thresholds: White > 50.0 Yellow > 100.0

#### Notes

| Reactor Coolant System Activity | 7/99       | 8/99       | 9/99       | 10/99      | 11/99      | 12/99      | 1/00       | 2/00       | 3/00       | 4/00       | 5/00       | 6/00       |
|---------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Maximum activity                | 0.001210   | 0.001590   | 0.0002700  | 0.0001680  | 0.000170   | 0.000230   | 0.000390   | 0.000490   | 0.000160   | 0.000250   | 0.000150   | 0.000200   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| Indicator value                 | <b>0.6</b> | <b>0.8</b> | <b>1.4</b> | <b>0.8</b> | <b>0.1</b> | <b>0.1</b> | <b>0.2</b> | <b>0.2</b> | <b>0.1</b> | <b>0.1</b> | <b>0.1</b> | <b>0.1</b> |

Licensee Comments: none

**Reactor Coolant System Leakage**

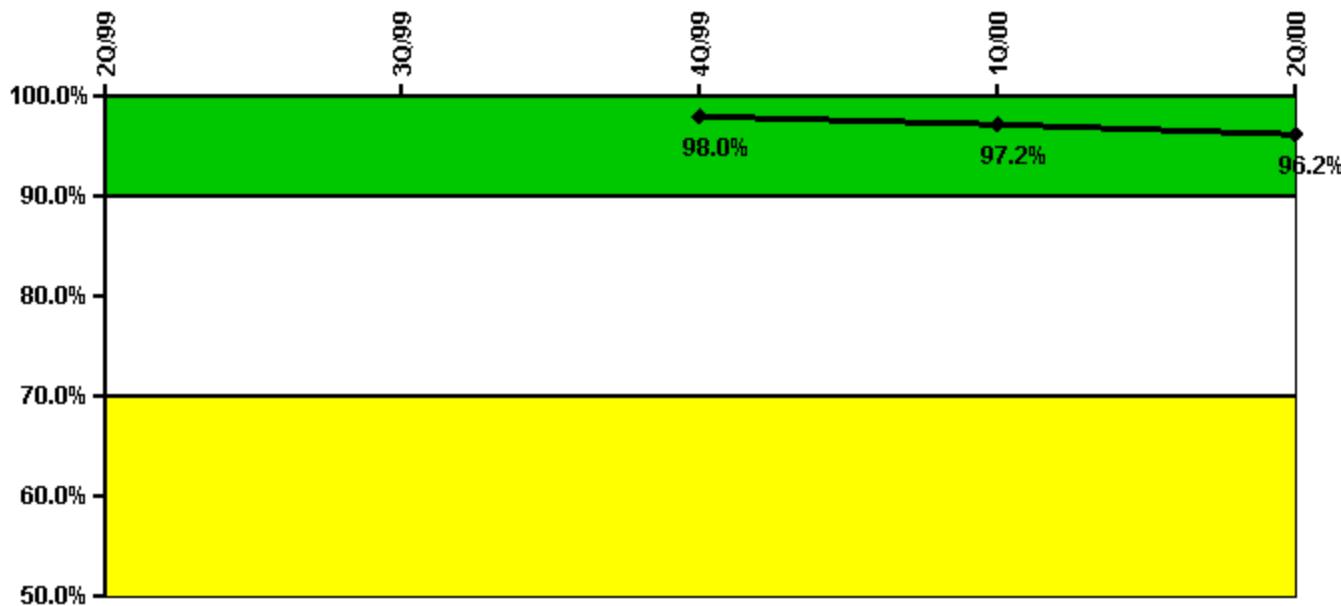
Thresholds: White > 50.0 Yellow > 100.0

**Notes**

| Reactor Coolant System Leakage | 7/99  | 8/99  | 9/99  | 10/99 | 11/99 | 12/99 | 1/00  | 2/00  | 3/00  | 4/00  | 5/00  | 6/00  |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage                | 4.500 | 4.400 | 4.300 | 4.300 | 3.800 | 4.600 | 5.100 | 5.200 | 5.700 | 5.000 | 5.400 | 5.300 |
| Technical specification limit  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  |
| Indicator value                | 18.0  | 17.6  | 17.2  | 17.2  | 15.2  | 18.4  | 20.4  | 20.8  | 22.8  | 20.0  | 21.6  | 21.2  |

Licensee Comments: none

### Drill/Exercise Performance



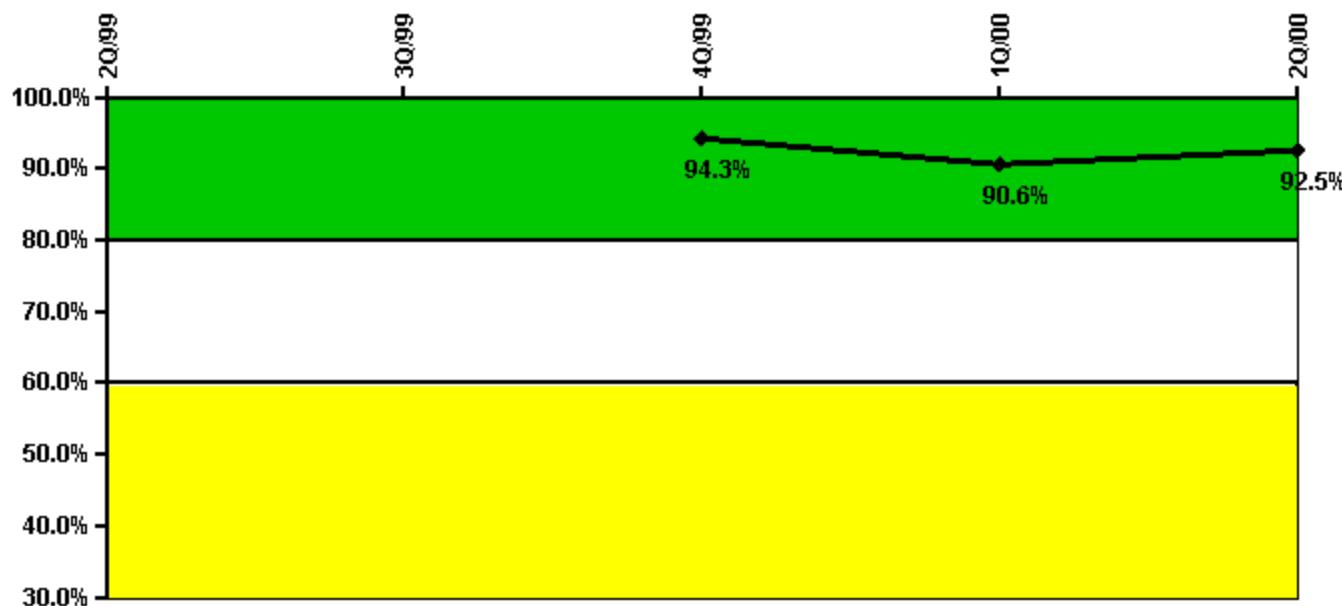
Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

| Drill/Exercise Performance | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 |
|----------------------------|-------|-------|-------|-------|-------|
| Successful opportunities   | 12.0  | 12.0  | 0     | 5.0   | 19.0  |
| Total opportunities        | 13.0  | 12.0  | 0     | 5.0   | 20.0  |
|                            |       |       |       |       |       |
| Indicator value            |       |       | 98.0% | 97.2% | 96.2% |

#### Licensee Comments:

2Q/00: ComEd has reviewed the guidance for determining the number of opportunities for the NRC Drill, Exercise and Event (DEP) Performance Indicator 08. The process ComEd uses to make a notification for a concurrent classification of General Emergency and an initial PAR for that classification cannot be logically separated into two notifications. The notification is made via the same call to the same audience. Success criteria requires both the classification and PAR to be timely and accurate to count as a success. Therefore the notification is counted as one opportunity instead of two as suggested by the NEI guidance.

**ERO Drill Participation**

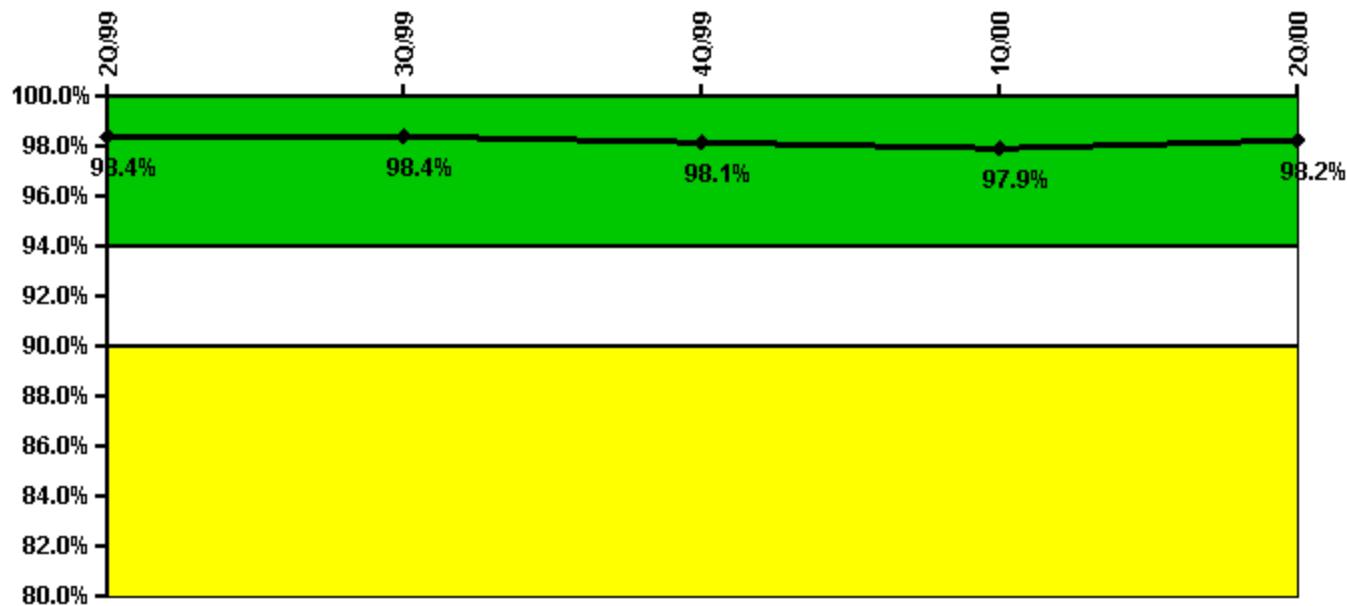
Thresholds: White < 80.0% Yellow < 60.0%

**Notes**

| ERO Drill Participation     | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 |
|-----------------------------|-------|-------|-------|-------|-------|
| Participating Key personnel |       |       | 50.0  | 48.0  | 49.0  |
| Total Key personnel         |       |       | 53.0  | 53.0  | 53.0  |
| Indicator value             |       |       | 94.3% | 90.6% | 92.5% |

Licensee Comments: none

### Alert & Notification System

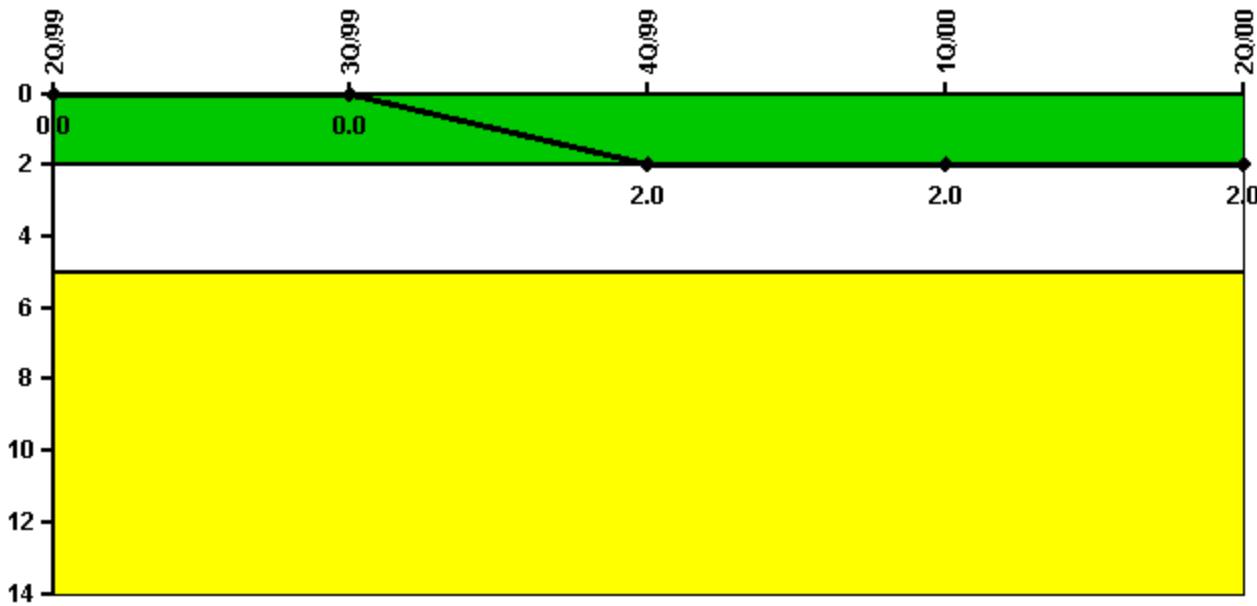


Thresholds: White < 94.0% Yellow < 90.0%

#### Notes

| Alert & Notification System | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 |
|-----------------------------|-------|-------|-------|-------|-------|
| Successful siren-tests      | 2109  | 2142  | 2097  | 2143  | 2129  |
| Total sirens-tests          | 2176  | 2176  | 2142  | 2176  | 2176  |
| Indicator value             | 98.4% | 98.4% | 98.1% | 97.9% | 98.2% |

Licensee Comments: none

**Occupational Exposure Control Effectiveness**

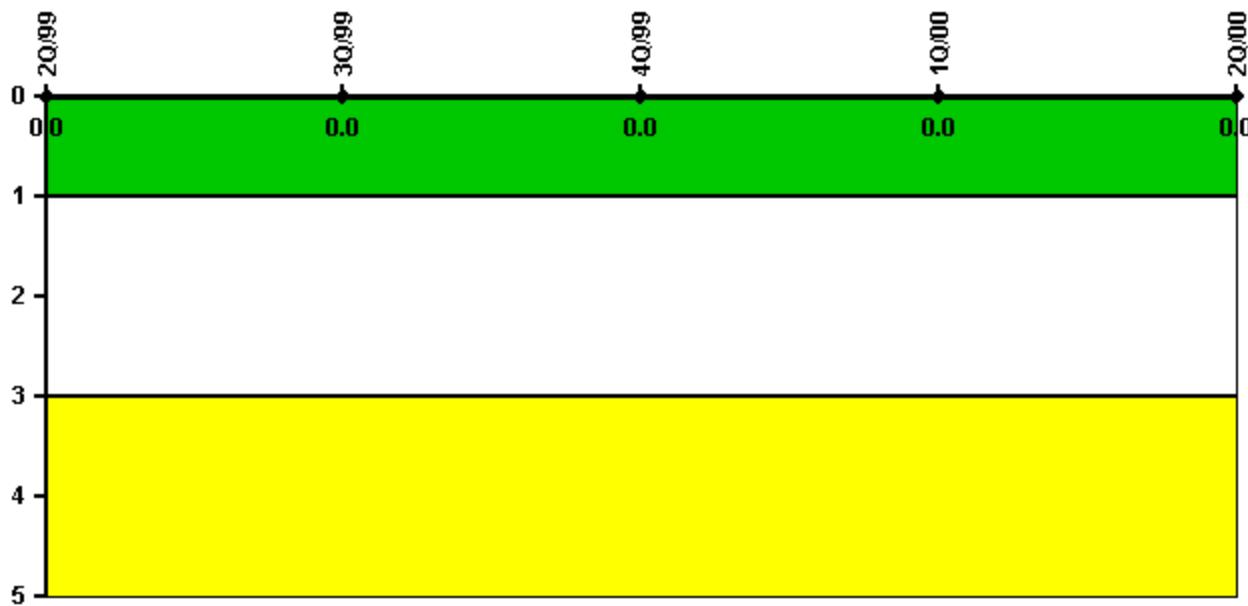
Thresholds: White > 2.0 Yellow > 5.0

**Notes**

| Occupational Exposure Control Effectiveness | 2Q/99    | 3Q/99    | 4Q/99    | 1Q/00    | 2Q/00    |
|---|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 0        | 0        | 2        | 0        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>0</b> | <b>0</b> | <b>2</b> | <b>2</b> | <b>2</b> |

Licensee Comments:

4Q/99: The December 1999 event had been removed. It has since been determined that it should not have been removed and is being added back in.

**RETS/ODCM Radiological Effluent**

Thresholds: White > 1.0 Yellow > 3.0

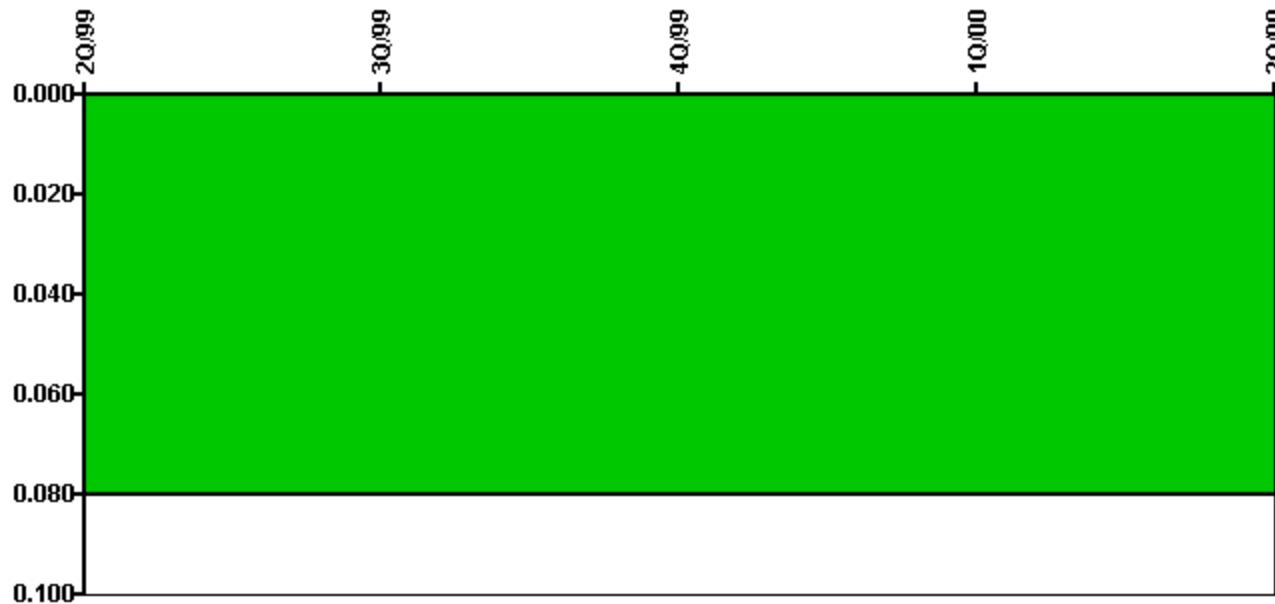
**Notes**

| RETS/ODCM Radiological Effluent | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 |
|---------------------------------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences           | 0     | 0     | 0     | 0     | 0     |
|                                 |       |       |       |       |       |
| Indicator value                 | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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## Protected Area Security Performance Index



**Thresholds:** White > 0.080

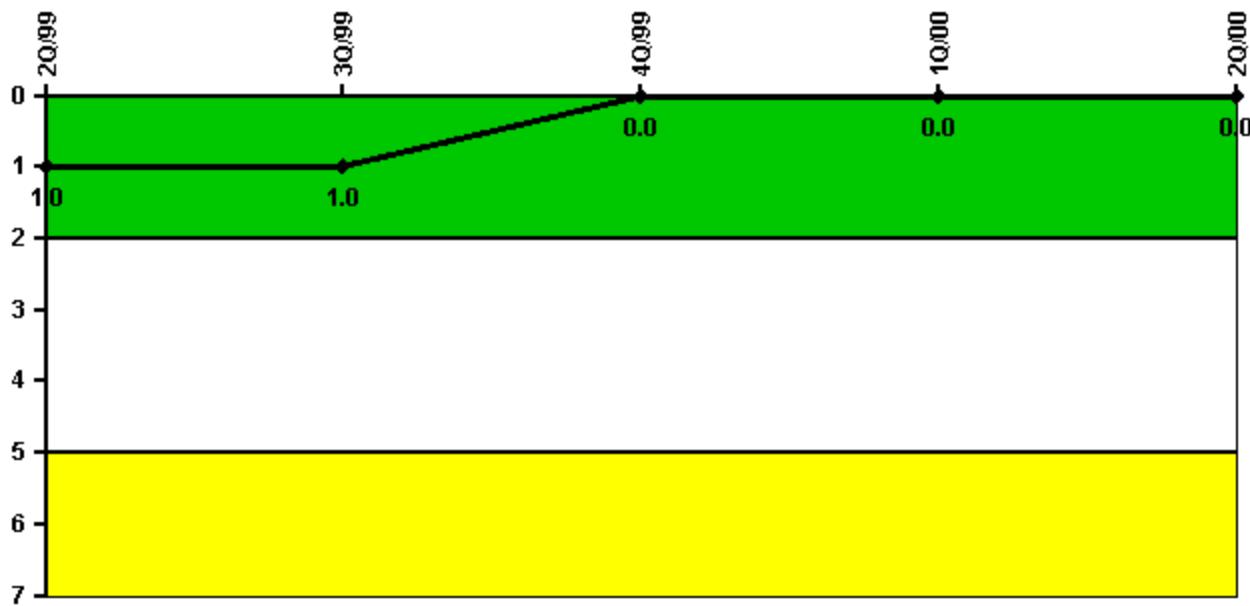
### Notes

| Protected Area Security Performance Index | 2Q/99        | 3Q/99        | 4Q/99        | 1Q/00        | 2Q/00        |
|---|--------------|--------------|--------------|--------------|--------------|
| IDS compensatory hours                    | 1403.40      | 1335.00      | 657.40       | 81.30        | 12.60        |
| CCTV compensatory hours                   | 595.5        | 1347.1       | 205.1        | 9.6          | 32.0         |
| IDS normalization factor                  | 1.20         | 1.20         | 1.20         | 1.20         | 1.20         |
| CCTV normalization factor                 | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          |
|   |              |              |              |              |              |
| <b>Index Value</b>                        | <b>0.309</b> | <b>0.344</b> | <b>0.353</b> | <b>0.289</b> | <b>0.190</b> |

Licensee Comments:

2Q/00: A clarification of FAQ (ID #59) has been submitted to the NEI/NRC task Forces. ComEd's practice has been that if a zone is required to be declared inoperable for a compliance issue (associated with a Security Plan Commitment), but the zone remains functional (capable of performing its intended function), then the hours associated with the comp. posting are not counted as long as maintenance/test proves the zone to be operable assuming that no corrective maintenance was required. ComEd contends that if the zone tests acceptable per the standard test procedures there is no added value to have Maintenance check operable equipment.

### Personnel Screening Program



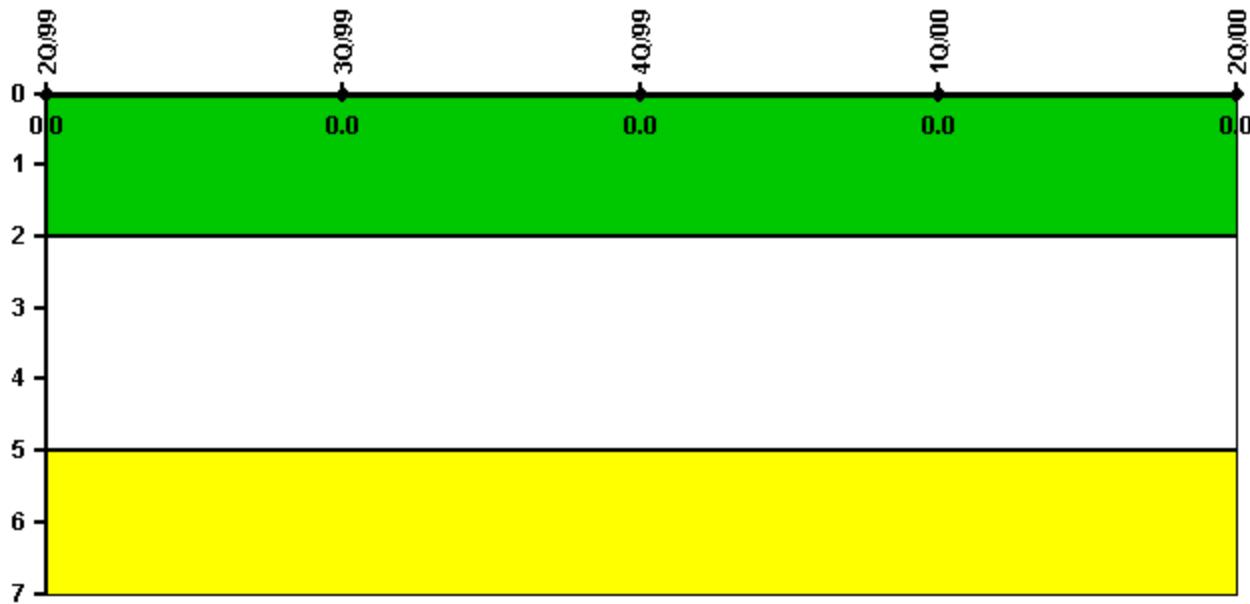
Thresholds: White > 2.0 Yellow > 5.0

#### Notes

| Personnel Screening Program | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 |
|-----------------------------|-------|-------|-------|-------|-------|
| Program failures            | 0     | 0     | 0     | 0     | 0     |
|                             |       |       |       |       |       |
| Indicator value             | 1     | 1     | 0     | 0     | 0     |

Licensee Comments: none

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**FFD/Personnel Reliability**

Thresholds: White > 2.0 Yellow > 5.0

**Notes**

| FFD/Personnel Reliability | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 |
|---------------------------|-------|-------|-------|-------|-------|
| Program Failures          | 0     | 0     | 0     | 0     | 0     |
|                           |       |       |       |       |       |
| Indicator value           | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

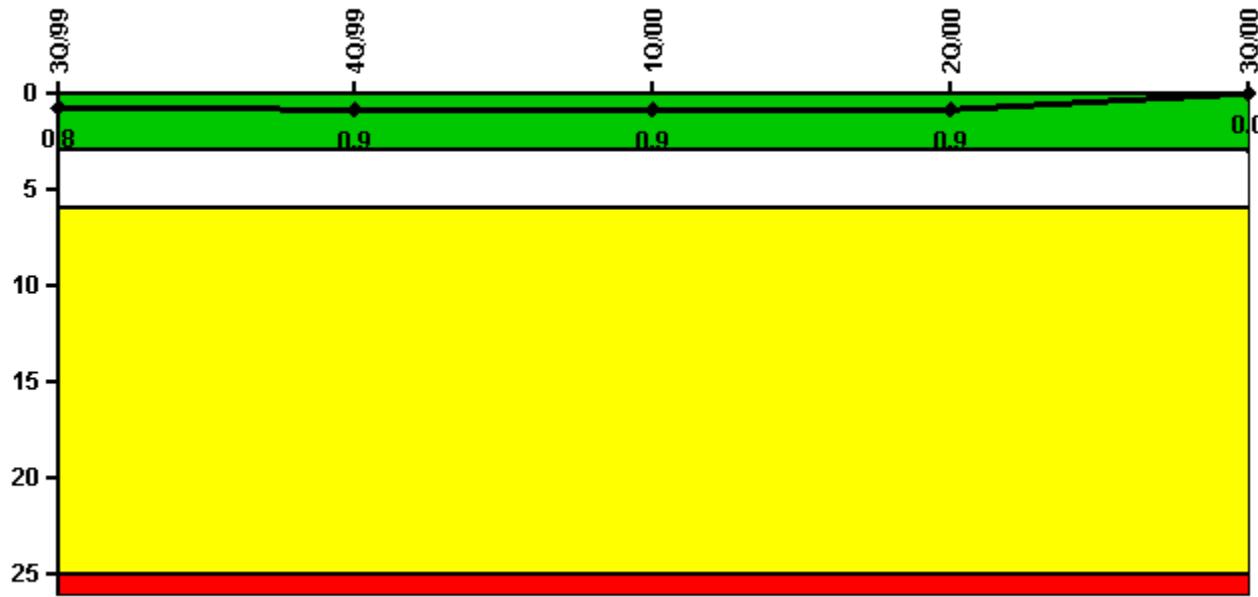


[PI Summary](#) | [Inspection Findings Summary](#) | [Reactor Oversight Process](#)

Last Modified: April 1, 2002

**La Salle 1****3Q/2000 Performance Indicators**

Licensee's General Comments: Corrected Safety System Functional Failure data

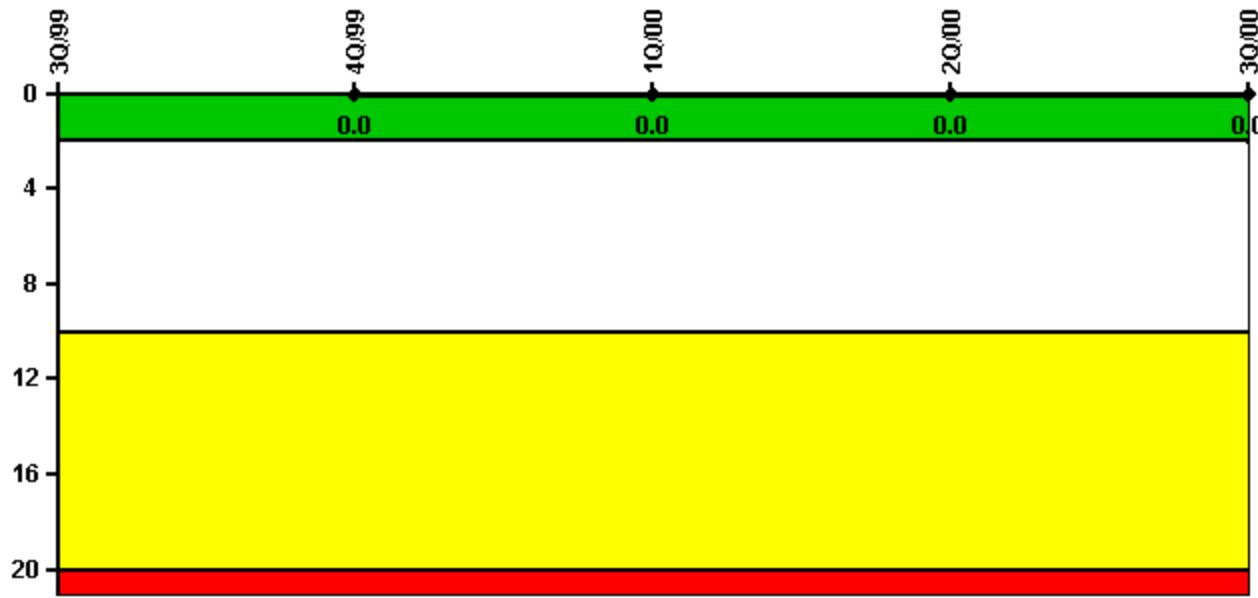
**Unplanned Scrams per 7000 Critical Hrs**

Thresholds: White &gt; 3.0 Yellow &gt; 6.0 Red &gt; 25.0

**Notes**

| Unplanned Scrams per 7000 Critical Hrs | 3Q/99  | 4Q/99  | 1Q/00  | 2Q/00  | 3Q/00  |
|--|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 1.0    | 0      | 0      | 0      | 0      |
| Critical hours                         | 2166.4 | 1509.8 | 2184.0 | 2183.0 | 2208.0 |
| Indicator value                        | 0.8    | 0.9    | 0.9    | 0.9    | 0      |

Licensee Comments: none

**Scrams with Loss of Normal Heat Removal**

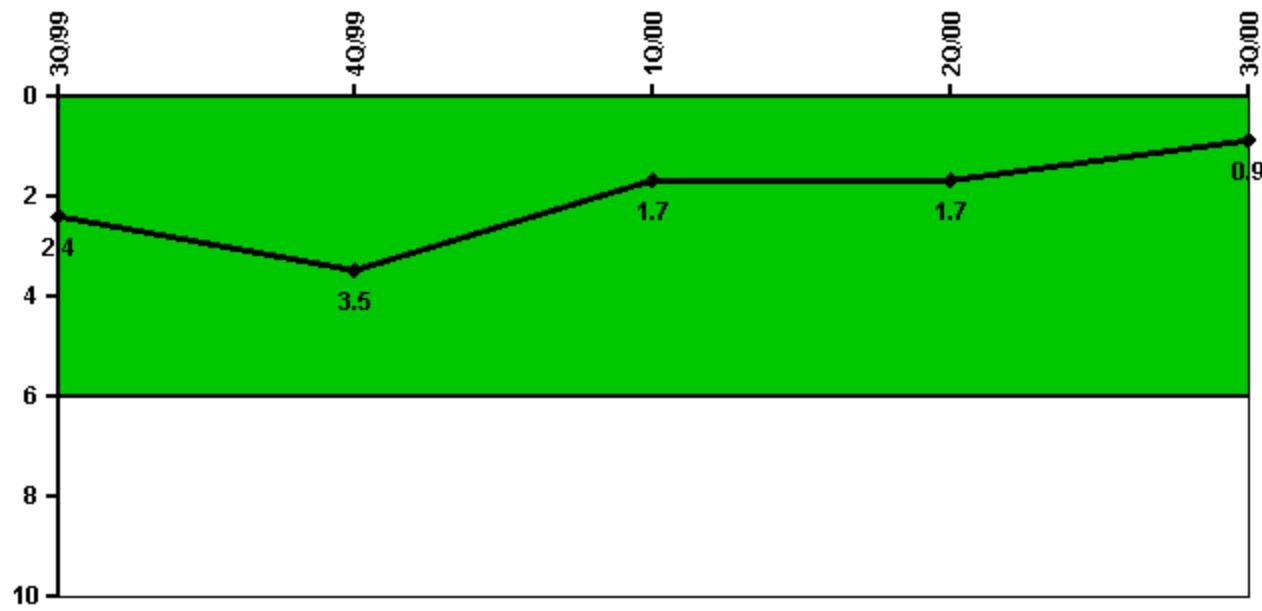
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

**Notes**

| Scrams with Loss of Normal Heat Removal | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 |
|---|-------|-------|-------|-------|-------|
| Scrams                                  | 0     | 0     | 0     | 0     | 0     |
|   |       |       |       |       |       |
| Indicator value                         |       | 0     | 0     | 0     | 0     |

Licensee Comments: none

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**Unplanned Power Changes per 7000 Critical Hrs**

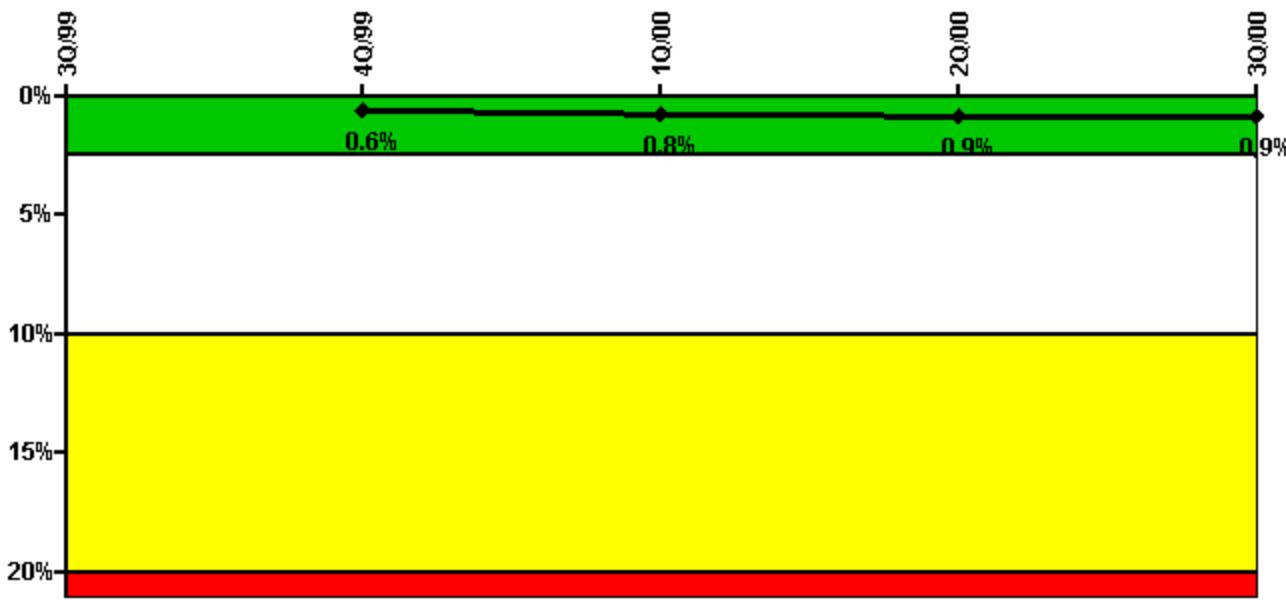
Thresholds: White > 6.0

**Notes**

| Unplanned Power Changes per 7000 Critical Hrs | 3Q/99  | 4Q/99  | 1Q/00  | 2Q/00  | 3Q/00  |
|---|--------|--------|--------|--------|--------|
| Unplanned power changes                       | 1.0    | 1.0    | 0      | 0      | 0      |
| Critical hours                                | 2166.4 | 1509.8 | 2184.0 | 2183.0 | 2208.0 |
|   |        |        |        |        |        |
| Indicator value                               | 2.4    | 3.5    | 1.7    | 1.7    | 0.9    |

Licensee Comments: none

## Safety System Unavailability, Emergency AC Power, >2EDG



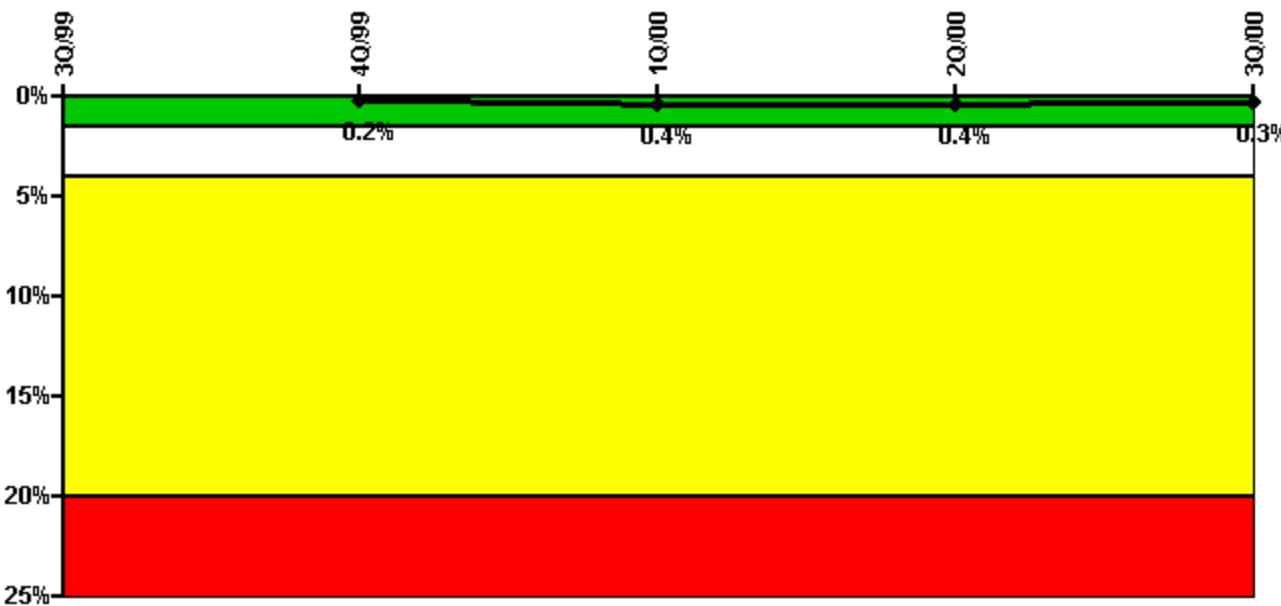
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

### Notes

| Safety System Unavailability, Emergency AC Power, >2EDG | 3Q/99   | 4Q/99       | 1Q/00       | 2Q/00       | 3Q/00       |
|---|---------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>  |         |             |             |             |             |
| Planned unavailable hours                               | 27.20   | 134.30      | 40.35       | 0.85        | 9.73        |
| Unplanned unavailable hours                             | 0       | 0           | 0           | 17.00       | 0           |
| Fault exposure hours                                    | 0       | 0           | 0           | 0           | 0           |
| Effective Reset hours                                   | 0       | 0           | 0           | 0           | 0           |
| Required hours  | 2208.00 | 2209.00     | 2184.00     | 2183.00     | 2208.00     |
| <b>Train 2</b>  |         |             |             |             |             |
| Planned unavailable hours                               | 51.80   | 1.30        | 39.57       | 1.05        | 5.93        |
| Unplanned unavailable hours                             | 0       | 0           | 5.77        | 0           | 0           |
| Fault exposure hours                                    | 0       | 0           | 0           | 0           | 0           |
| Effective Reset hours                                   | 0       | 0           | 0           | 0           | 0           |
| Required hours  | 2208.00 | 2209.00     | 2184.00     | 2183.00     | 2208.00     |
| <b>Train 3</b>  |         |             |             |             |             |
| Planned unavailable hours                               | 59.40   | 13.20       | 32.75       | 43.90       | 0.75        |
| Unplanned unavailable hours                             | 31.00   | 0           | 0           | 0           | 0           |
| Fault exposure hours                                    | 0       | 0           | 0           | 0           | 0           |
| Effective Reset hours                                   | 0       | 0           | 0           | 0           | 0           |
| Required hours  | 2208.00 | 2209.00     | 2184.00     | 2183.00     | 2208.00     |
| <b>Indicator value</b>                                  |         | <b>0.6%</b> | <b>0.8%</b> | <b>0.9%</b> | <b>0.9%</b> |

Licensee Comments: none

## Safety System Unavailability, High Pressure Injection System (HPCS)



Thresholds: White > 1.5% Yellow > 4.0% Red > 20.0%

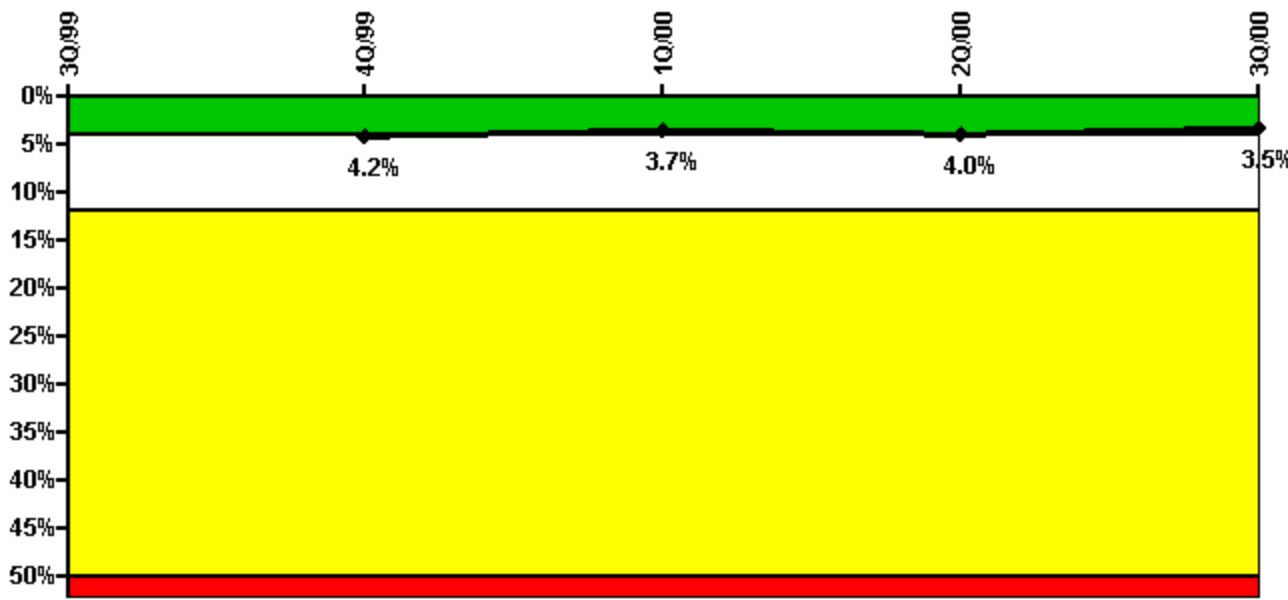
### Notes

| Safety System Unavailability, High Pressure Injection System (HPCS) | 3Q/99   | 4Q/99   | 1Q/00       | 2Q/00       | 3Q/00       |
|---|---------|---------|-------------|-------------|-------------|
| <b>Train 1</b>  |         |         |             |             |             |
| Planned unavailable hours   | 0       | 0       | 29.40       | 4.60        | 2.70        |
| Unplanned unavailable hours   | 0       | 0       | 0           | 0           | 0           |
| Fault exposure hours  | 0       | 0       | 0           | 0           | 0           |
| Effective Reset hours   | 0       | 0       | 0           | 0           | 0           |
| Required hours  | 2166.40 | 1509.80 | 2184.00     | 2183.00     | 2208.00     |
|   |         |         |             |             |             |
| <b>Indicator value</b>  |         |         | <b>0.2%</b> | <b>0.4%</b> | <b>0.4%</b> |
|   |         |         |             |             | <b>0.3%</b> |

Licensee Comments:

2Q/00: Error made in determining end time of Planned Unavailable Hours. Error found during review of Maintenance Rule data. The planned unavailable hours for May changed from 1.2 hours.

## Safety System Unavailability, Heat Removal System (RCIC)



Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

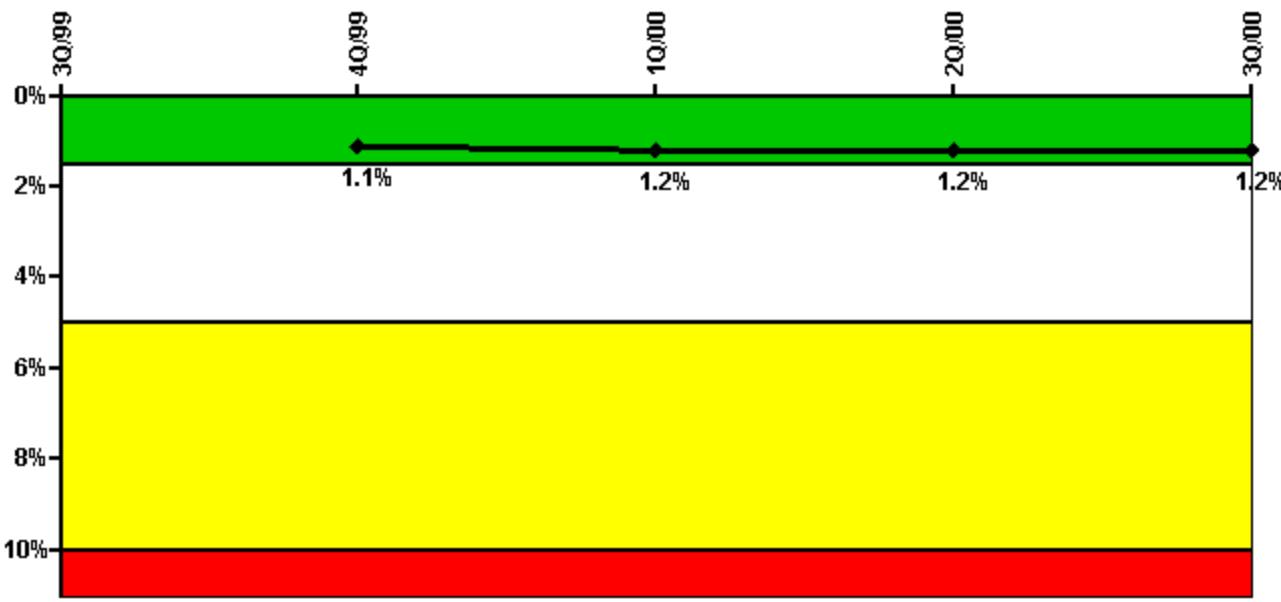
### Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 3Q/99   | 4Q/99   | 1Q/00   | 2Q/00   | 3Q/00   |
|--|---------|---------|---------|---------|---------|
| <b>Train 1</b>   |         |         |         |         |         |
| Planned unavailable hours                                | 94.90   | 0       | 24.80   | 92.30   | 6.50    |
| Unplanned unavailable hours                              | 0       | 5.90    | 0       | 20.40   | 0       |
| Fault exposure hours                                     | 0       | 0       | 0       | 5.40    | 0       |
| Effective Reset hours                                    | 0       | 0       | 0       | 0       | 0       |
| Required hours   | 2166.40 | 1509.80 | 2184.00 | 2183.00 | 2208.00 |
|  |         |         |         |         |         |
| <b>Indicator value</b>                                   |         |         | 4.2%    | 3.7%    | 4.0%    |
|  |         |         |         |         | 3.5%    |

Licensee Comments:

2Q/00: Error found during review of maintenance rule hours. The planned unavailable hours changed from 39 to 42.9 hours for the month of May.

## Safety System Unavailability, Residual Heat Removal System

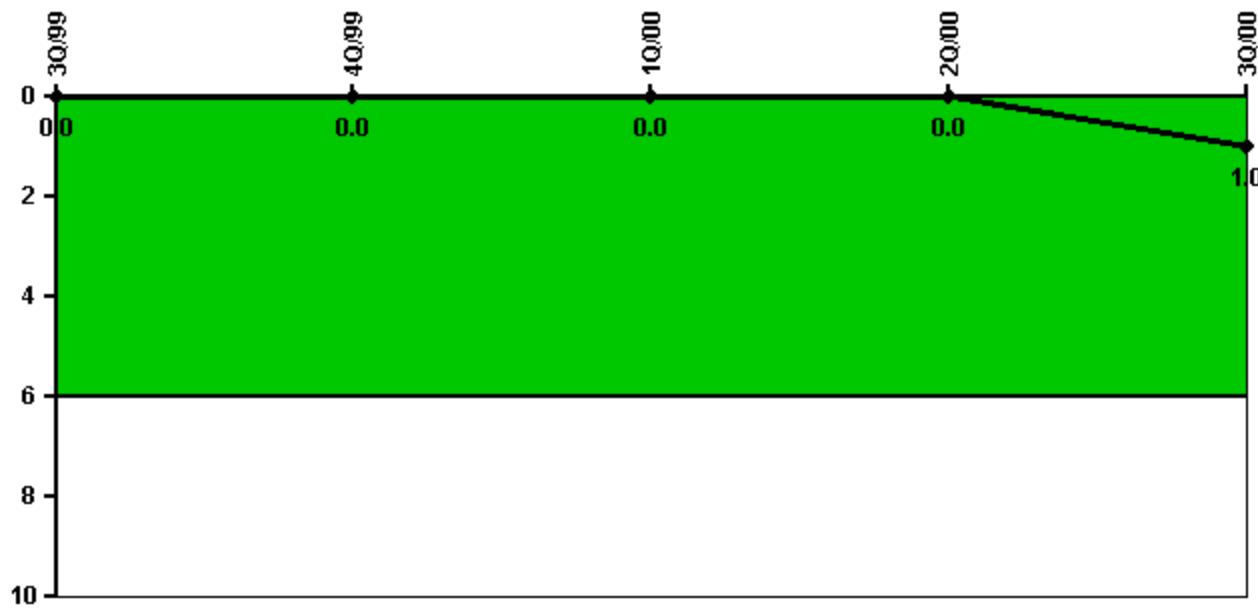


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

### Notes

| Safety System Unavailability, Residual Heat Removal System | 3Q/99   | 4Q/99       | 1Q/00       | 2Q/00       | 3Q/00       |
|--|---------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>   |         |             |             |             |             |
| Planned unavailable hours                                  | 12.70   | 14.20       | 29.90       | 39.40       | 2.60        |
| Unplanned unavailable hours                                | 0       | 0           | 0           | 0           | 0           |
| Fault exposure hours                                       | 0       | 0           | 0           | 0           | 0           |
| Effective Reset hours                                      | 0       | 0           | 0           | 0           | 0           |
| Required hours   | 2208.00 | 2209.00     | 2184.00     | 2183.00     | 2208.00     |
| <b>Train 2</b>   |         |             |             |             |             |
| Planned unavailable hours                                  | 15.90   | 128.00      | 20.90       | 9.10        | 0.70        |
| Unplanned unavailable hours                                | 0       | 183.20      | 0           | 0           | 4.60        |
| Fault exposure hours                                       | 0       | 0           | 0           | 0           | 0           |
| Effective Reset hours                                      | 0       | 0           | 0           | 0           | 0           |
| Required hours   | 2208.00 | 2209.00     | 2184.00     | 2183.00     | 2208.00     |
| <b>Indicator value</b>                                     |         | <b>1.1%</b> | <b>1.2%</b> | <b>1.2%</b> | <b>1.2%</b> |

Licensee Comments: none

**Safety System Functional Failures (BWR)**

Thresholds: White > 6.0

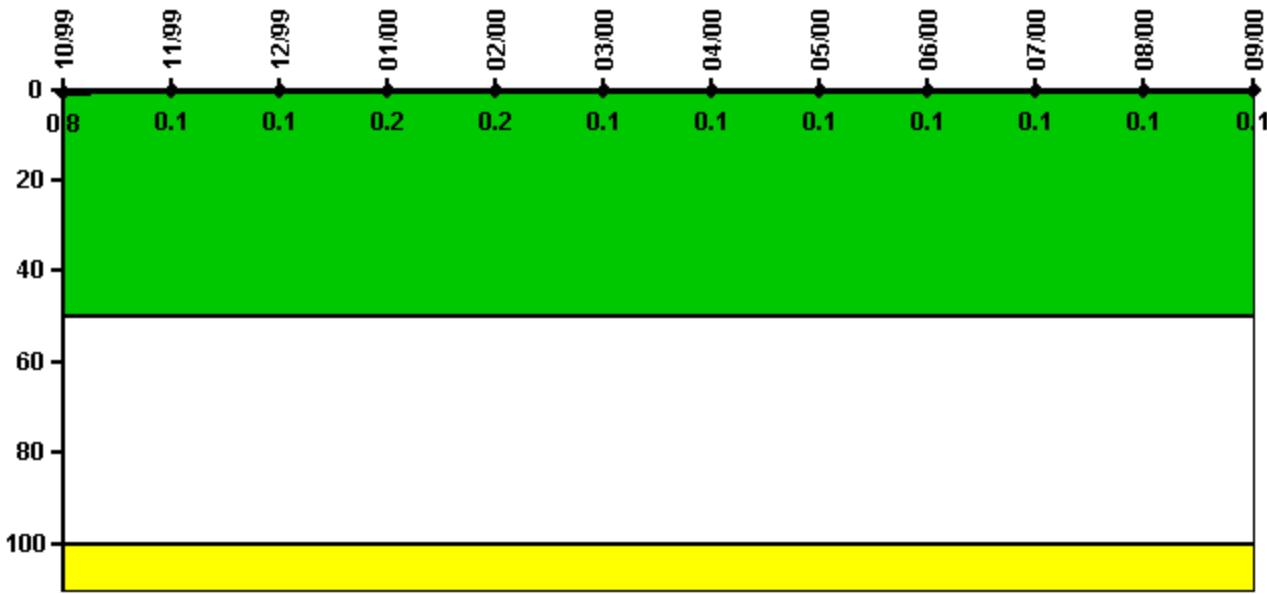
**Notes**

| Safety System Functional Failures (BWR) | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 |
|---|-------|-------|-------|-------|-------|
| Safety System Functional Failures       | 0     | 0     | 0     | 0     | 1     |
|   |       |       |       |       |       |
| Indicator value                         | 0     | 0     | 0     | 0     | 1     |

Licensee Comments:

3Q/00: July 2000 SSFF missed in initial review. Issue found by NRC Resident Inspector.

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**Reactor Coolant System Activity**

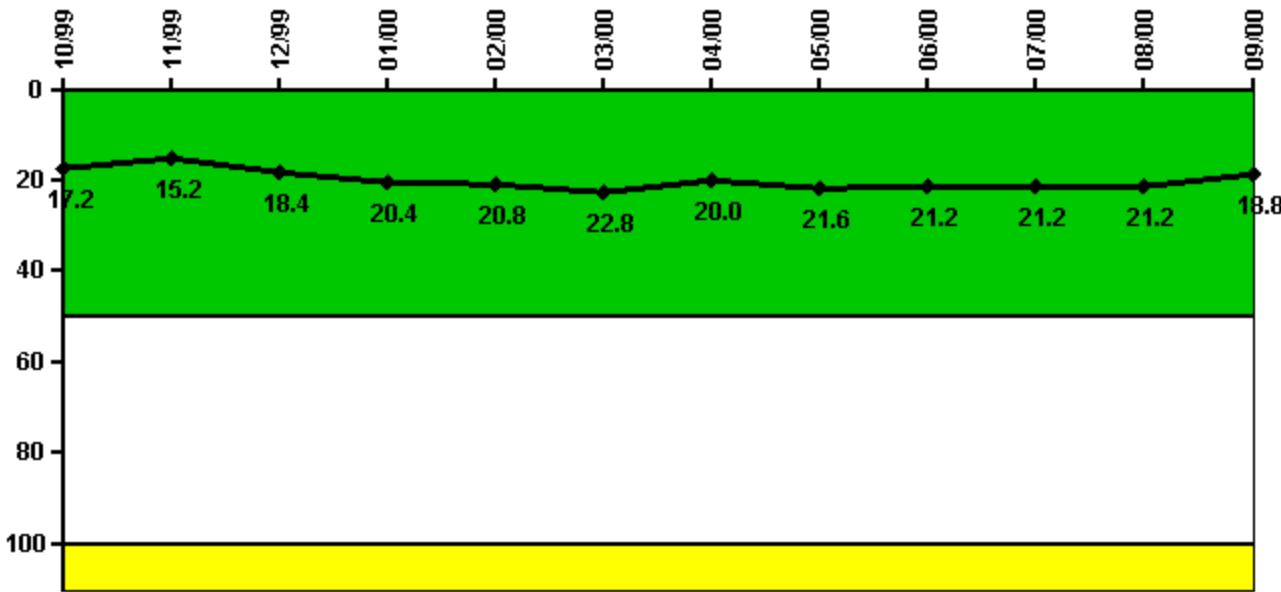
Thresholds: White > 50.0 Yellow > 100.0

**Notes**

| Reactor Coolant System Activity | 10/99      | 11/99      | 12/99      | 1/00       | 2/00       | 3/00       | 4/00       | 5/00       | 6/00       | 7/00       | 8/00       | 9/00       |
|---------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Maximum activity                | 0.001680   | 0.000170   | 0.000230   | 0.000390   | 0.000490   | 0.000160   | 0.000250   | 0.000150   | 0.000200   | 0.000120   | 0.000120   | 0.000130   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| Indicator value                 | <b>0.8</b> | <b>0.1</b> | <b>0.1</b> | <b>0.2</b> | <b>0.2</b> | <b>0.1</b> |

Licensee Comments: none

### Reactor Coolant System Leakage

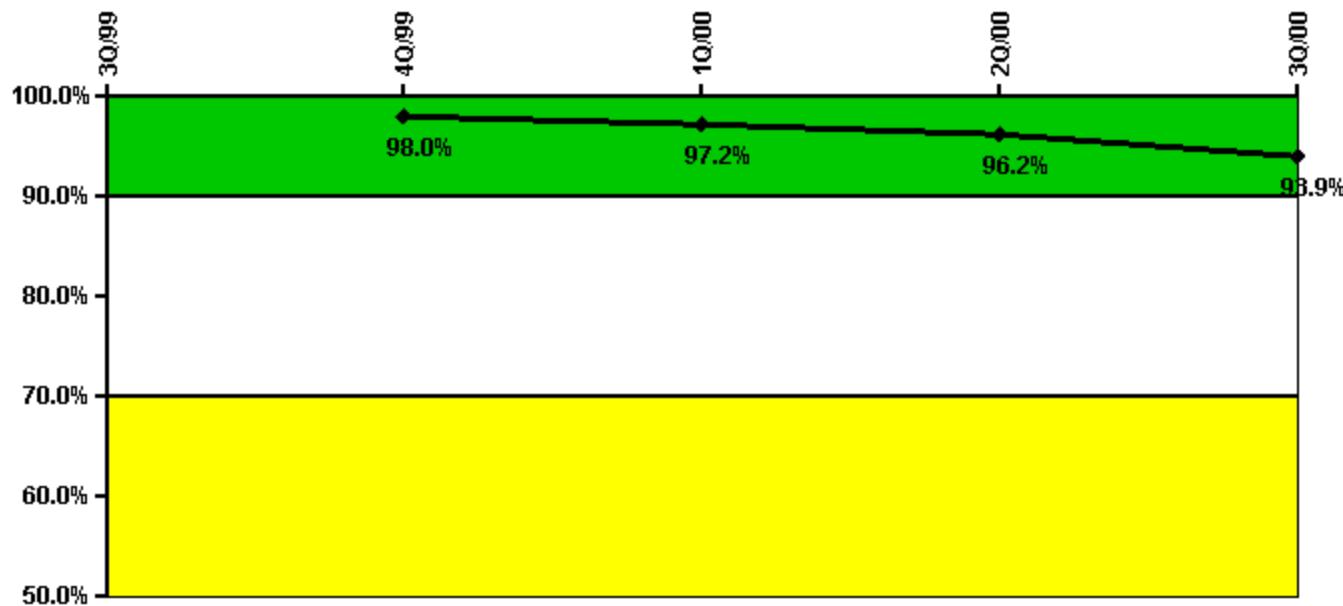


Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Leakage | 10/99 | 11/99 | 12/99 | 1/00  | 2/00  | 3/00  | 4/00  | 5/00  | 6/00  | 7/00  | 8/00  | 9/00  |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage                | 4.300 | 3.800 | 4.600 | 5.100 | 5.200 | 5.700 | 5.000 | 5.400 | 5.300 | 5.300 | 5.300 | 4.700 |
| Technical specification limit  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  |
| Indicator value                | 17.2  | 15.2  | 18.4  | 20.4  | 20.8  | 22.8  | 20.0  | 21.6  | 21.2  | 21.2  | 21.2  | 18.8  |

Licensee Comments: none

**Drill/Exercise Performance**

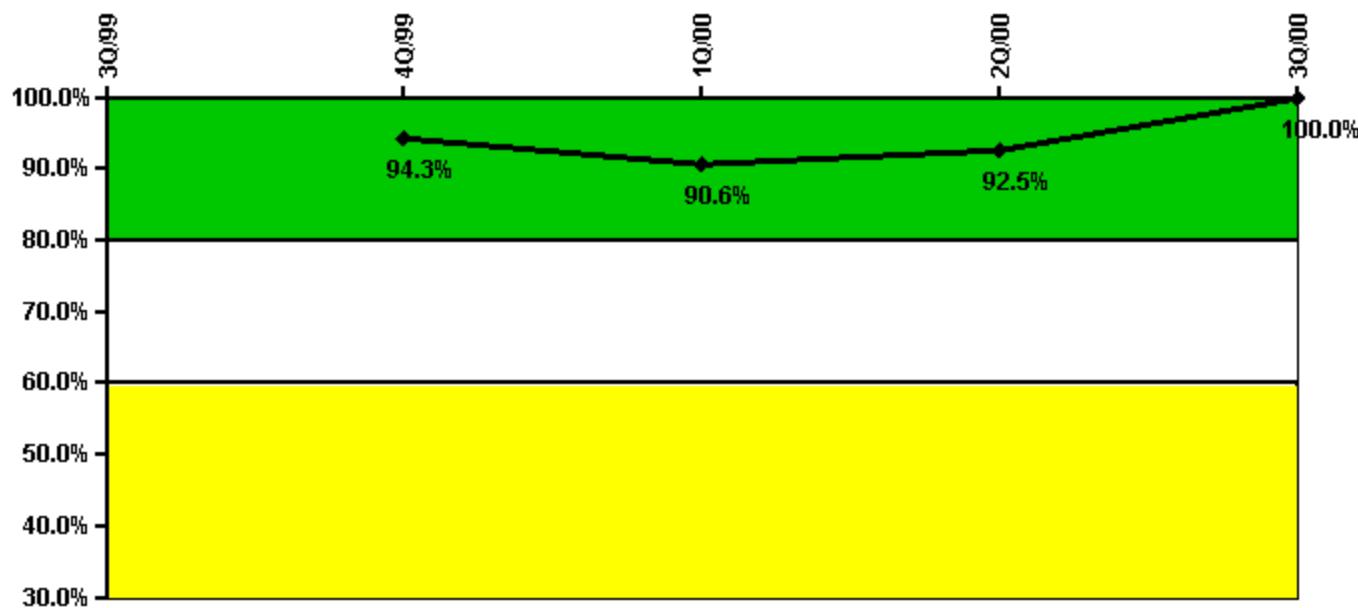
Thresholds: White < 90.0% Yellow < 70.0%

**Notes**

| Drill/Exercise Performance | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 |
|----------------------------|-------|-------|-------|-------|-------|
| Successful opportunities   | 12.0  | 0     | 5.0   | 19.0  | 42.0  |
| Total opportunities        | 12.0  | 0     | 5.0   | 20.0  | 46.0  |
| Indicator value            |       | 98.0% | 97.2% | 96.2% | 93.9% |

**Licensee Comments:**

3Q/00: Third Quarter 2000 data collection process included a change based on FAQ 195 to count a notification opportunity that included both a classification and a Protective Action Recommendation as two notification opportunities.

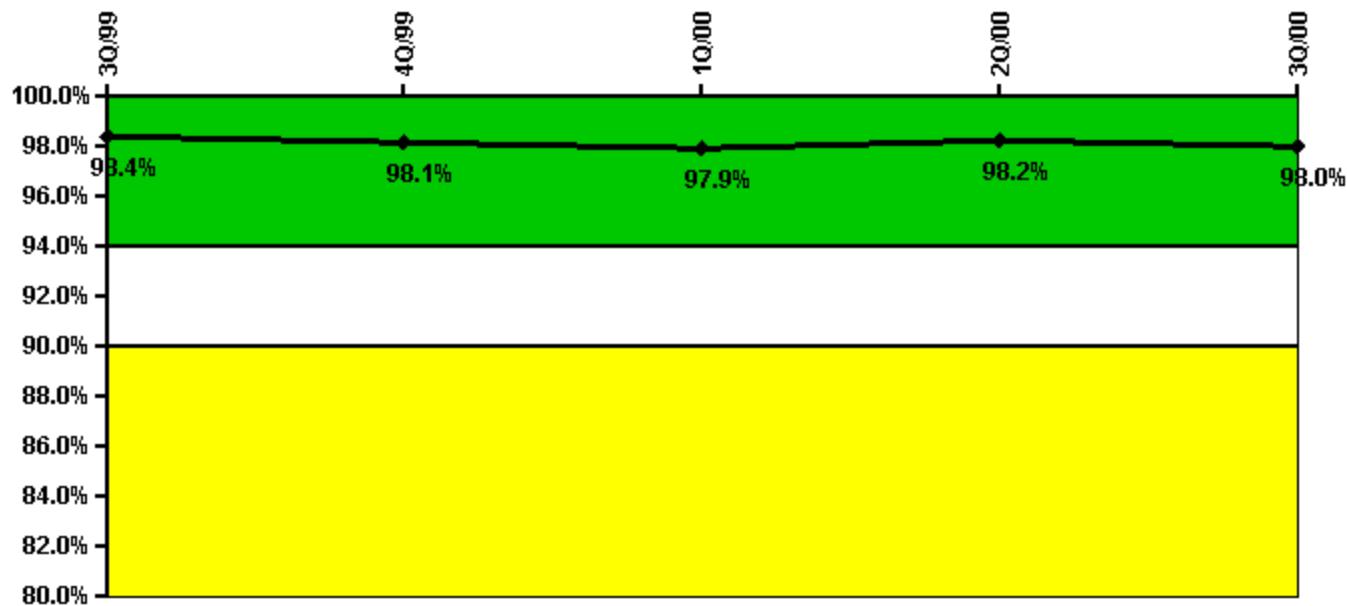
**ERO Drill Participation**

Thresholds: White < 80.0% Yellow < 60.0%

**Notes**

| ERO Drill Participation     | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00  |
|-----------------------------|-------|-------|-------|-------|--------|
| Participating Key personnel |       | 50.0  | 48.0  | 49.0  | 56.0   |
| Total Key personnel         |       | 53.0  | 53.0  | 53.0  | 56.0   |
| Indicator value             |       | 94.3% | 90.6% | 92.5% | 100.0% |

Licensee Comments: none

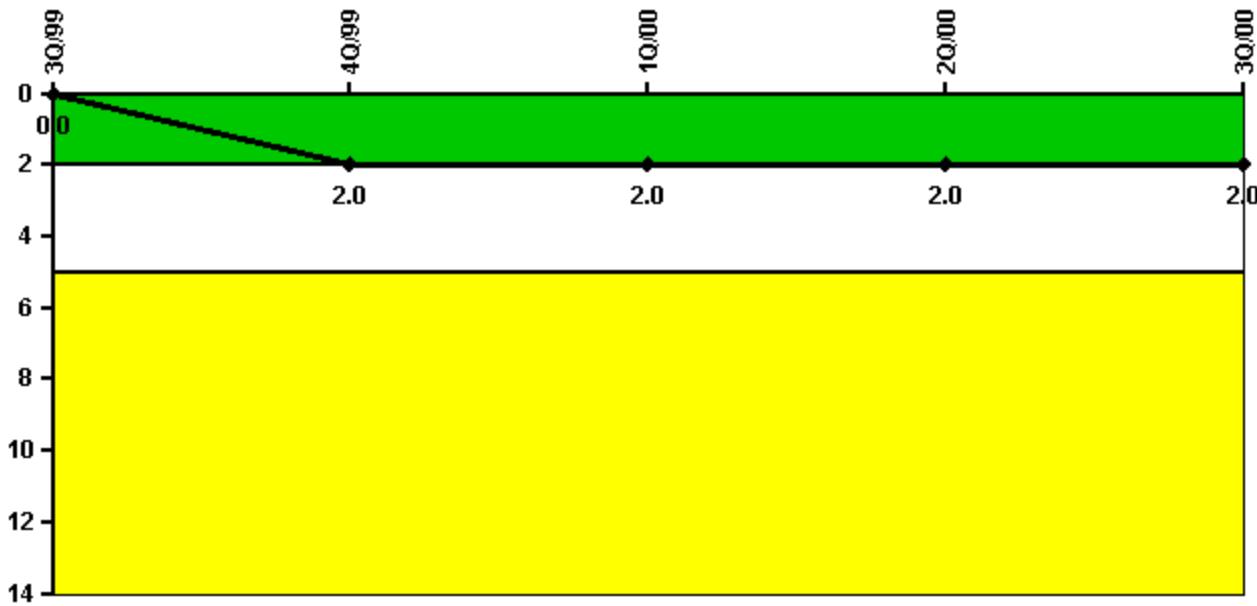
**Alert & Notification System**

Thresholds: White < 94.0% Yellow < 90.0%

**Notes**

| Alert & Notification System | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 |
|-----------------------------|-------|-------|-------|-------|-------|
| Successful siren-tests      | 2142  | 2097  | 2143  | 2129  | 2093  |
| Total sirens-tests          | 2176  | 2142  | 2176  | 2176  | 2142  |
|                             |       |       |       |       |       |
| Indicator value             | 98.4% | 98.1% | 97.9% | 98.2% | 98.0% |

Licensee Comments: none

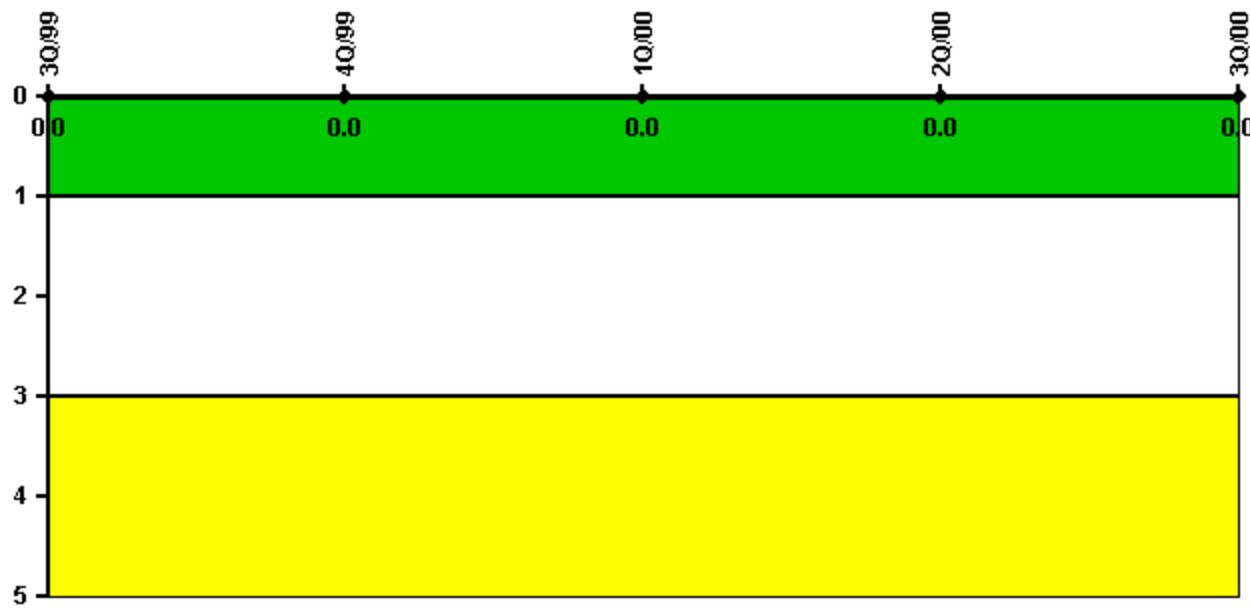
**Occupational Exposure Control Effectiveness**

Thresholds: White > 2.0 Yellow > 5.0

**Notes**

| Occupational Exposure Control Effectiveness | 3Q/99    | 4Q/99    | 1Q/00    | 2Q/00    | 3Q/00    |
|---|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 0        | 2        | 0        | 0        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>0</b> | <b>2</b> | <b>2</b> | <b>2</b> | <b>2</b> |

Licensee Comments: none

**RETS/ODCM Radiological Effluent**

Thresholds: White > 1.0 Yellow > 3.0

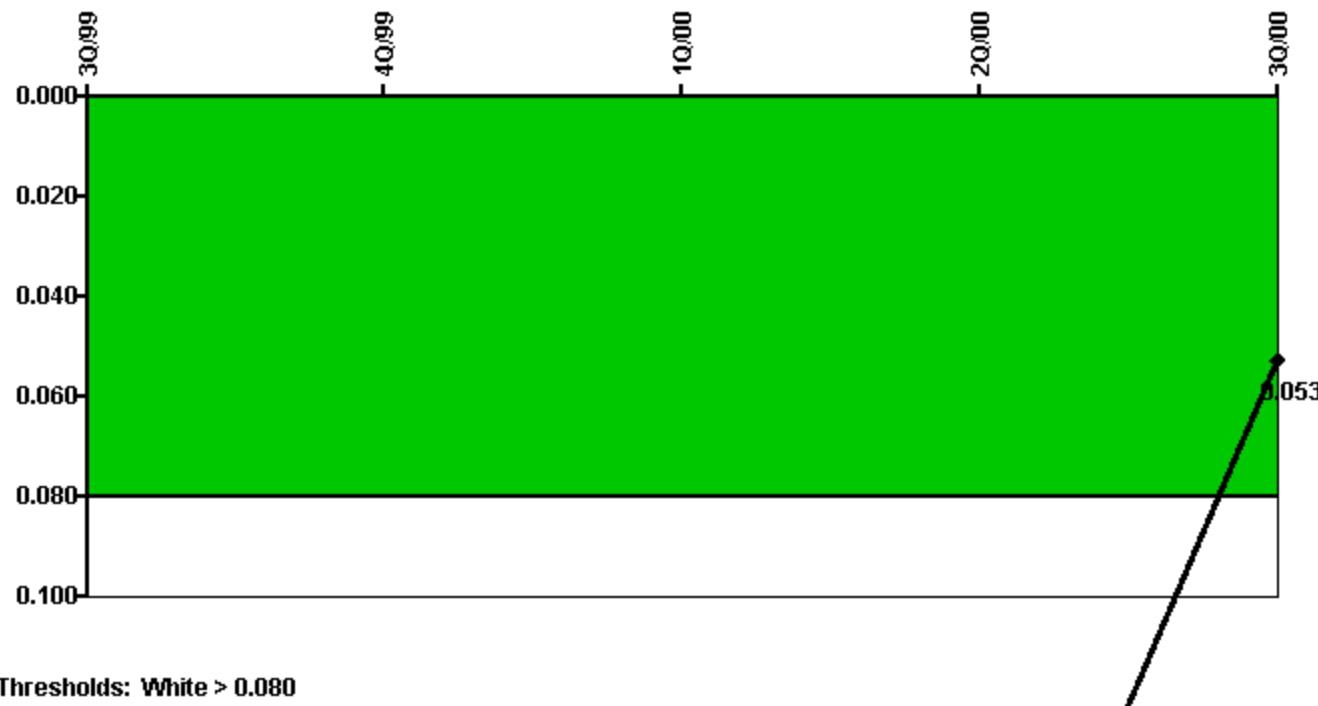
**Notes**

| RETS/ODCM Radiological Effluent | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 |
|---------------------------------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences           | 0     | 0     | 0     | 0     | 0     |
|                                 |       |       |       |       |       |
| Indicator value                 | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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### Protected Area Security Performance Index



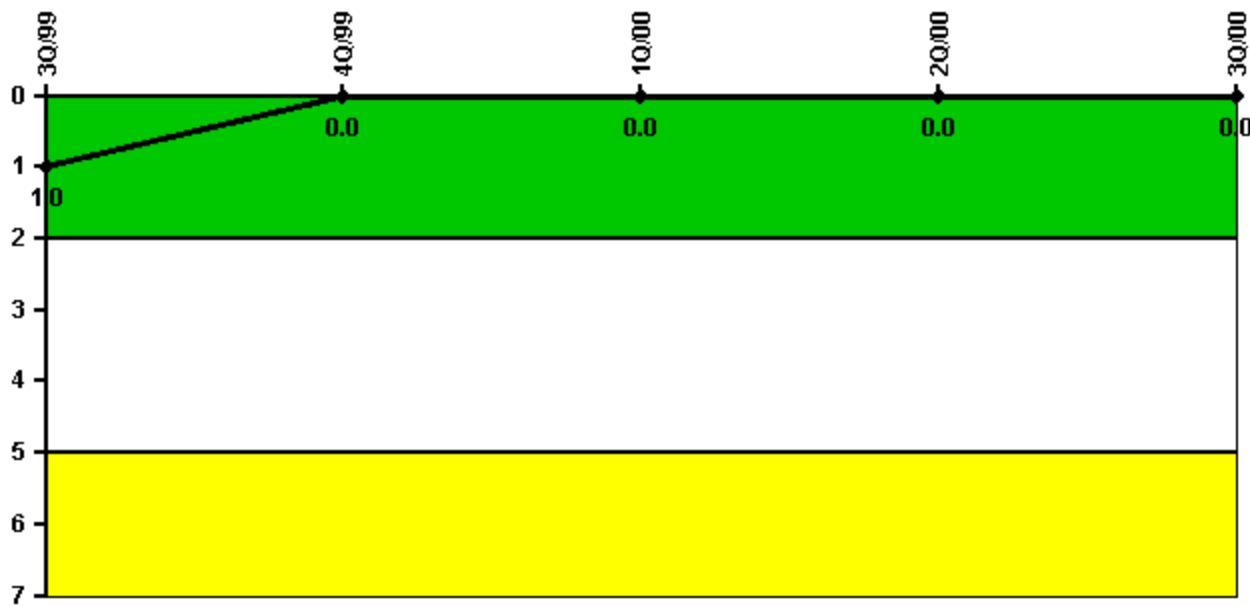
Thresholds: White > 0.080

#### Notes

| Protected Area Security Performance Index | 3Q/99        | 4Q/99        | 1Q/00        | 2Q/00        | 3Q/00        |
|---|--------------|--------------|--------------|--------------|--------------|
| IDS compensatory hours                    | 1335.00      | 657.40       | 81.30        | 12.60        | 30.50        |
| CCTV compensatory hours                   | 1347.1       | 205.1        | 9.6          | 32.0         | 30.7         |
| IDS normalization factor                  | 1.20         | 1.20         | 1.20         | 1.20         | 1.20         |
| CCTV normalization factor                 | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          |
|   |              |              |              |              |              |
| <b>Index Value</b>                        | <b>0.344</b> | <b>0.353</b> | <b>0.289</b> | <b>0.190</b> | <b>0.053</b> |

Licensee Comments: none

### Personnel Screening Program



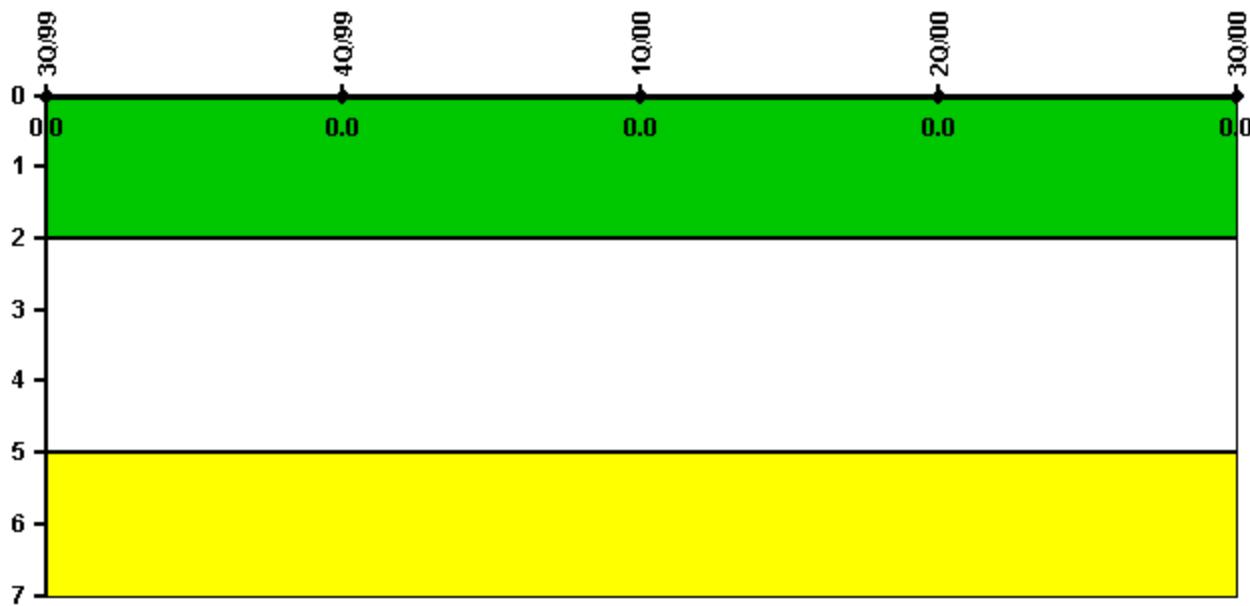
Thresholds: White > 2.0 Yellow > 5.0

#### Notes

| Personnel Screening Program | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 |
|-----------------------------|-------|-------|-------|-------|-------|
| Program failures            | 0     | 0     | 0     | 0     | 0     |
|                             |       |       |       |       |       |
| Indicator value             | 1     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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**FFD/Personnel Reliability**

Thresholds: White > 2.0 Yellow > 5.0

**Notes**

| FFD/Personnel Reliability | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 |
|---------------------------|-------|-------|-------|-------|-------|
| Program Failures          | 0     | 0     | 0     | 0     | 0     |
|                           |       |       |       |       |       |
| Indicator value           | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

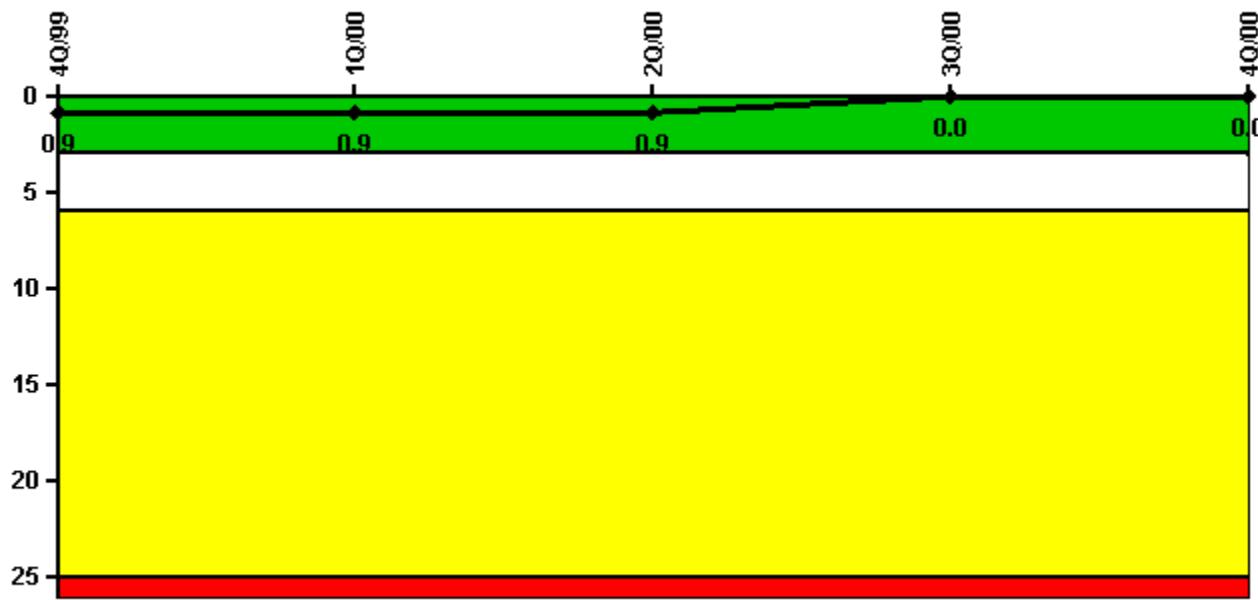


[PI Summary](#) | [Inspection Findings Summary](#) | [Reactor Oversight Process](#)

Last Modified: March 29, 2002

**La Salle 1****4Q/2000 Performance Indicators**

Licensee's General Comments: none

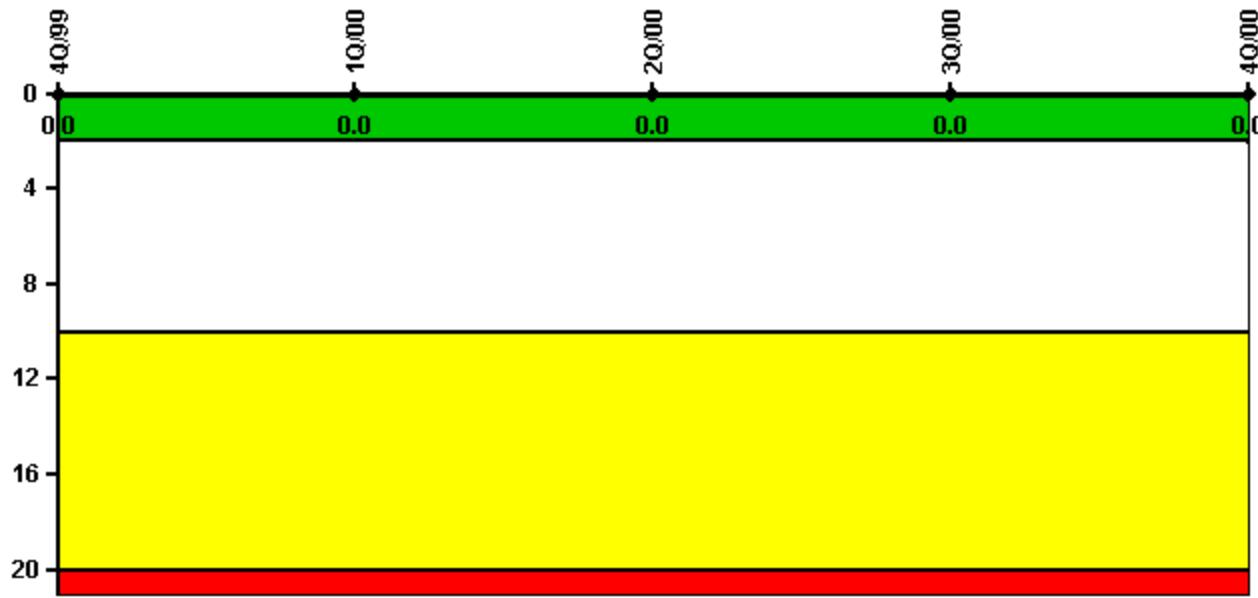
**Unplanned Scrams per 7000 Critical Hrs**

Thresholds: White &gt; 3.0 Yellow &gt; 6.0 Red &gt; 25.0

**Notes**

| Unplanned Scrams per 7000 Critical Hrs | 4Q/99  | 1Q/00  | 2Q/00  | 3Q/00  | 4Q/00  |
|--|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 0      | 0      | 0      | 0      |
| Critical hours                         | 1509.8 | 2184.0 | 2183.0 | 2208.0 | 2209.0 |
| Indicator value                        | 0.9    | 0.9    | 0.9    | 0      | 0      |

Licensee Comments: none

**Scrams with Loss of Normal Heat Removal**

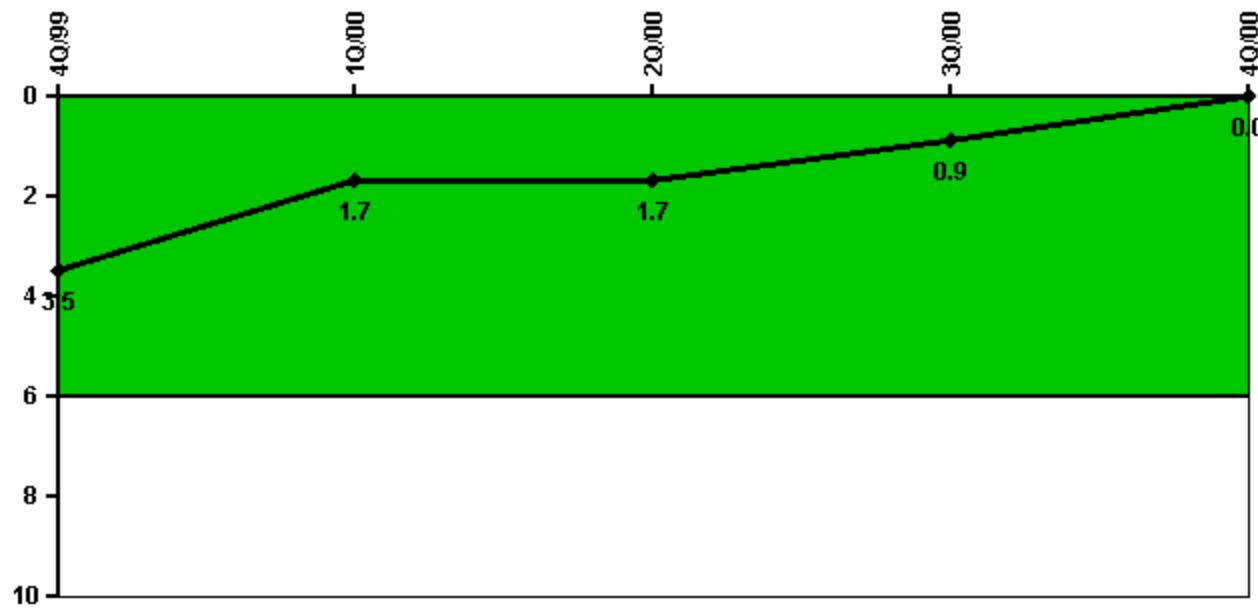
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

**Notes**

| Scrams with Loss of Normal Heat Removal | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 |
|---|-------|-------|-------|-------|-------|
| Scrams                                  | 0     | 0     | 0     | 0     | 0     |
|   |       |       |       |       |       |
| Indicator value                         | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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**Unplanned Power Changes per 7000 Critical Hrs**

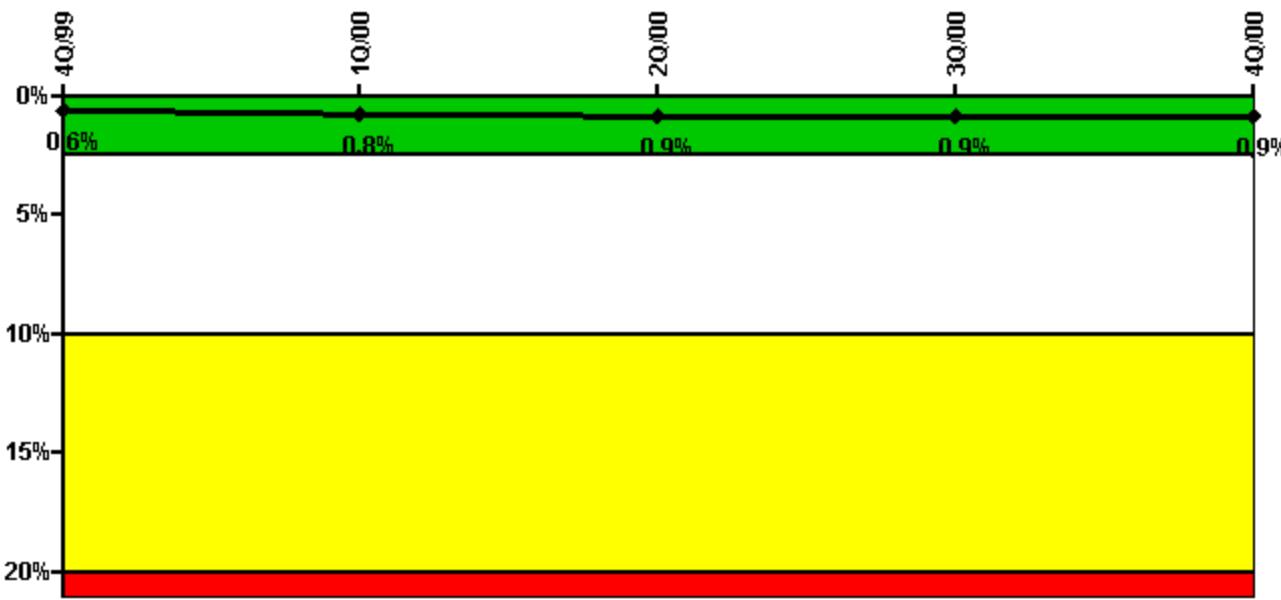
Thresholds: White > 6.0

**Notes**

| Unplanned Power Changes per 7000 Critical Hrs | 4Q/99  | 1Q/00  | 2Q/00  | 3Q/00  | 4Q/00  |
|---|--------|--------|--------|--------|--------|
| Unplanned power changes                       | 1.0    | 0      | 0      | 0      | 0      |
| Critical hours                                | 1509.8 | 2184.0 | 2183.0 | 2208.0 | 2209.0 |
|   |        |        |        |        |        |
| Indicator value                               | 3.5    | 1.7    | 1.7    | 0.9    | 0      |

Licensee Comments: none

## Safety System Unavailability, Emergency AC Power, >2EDG



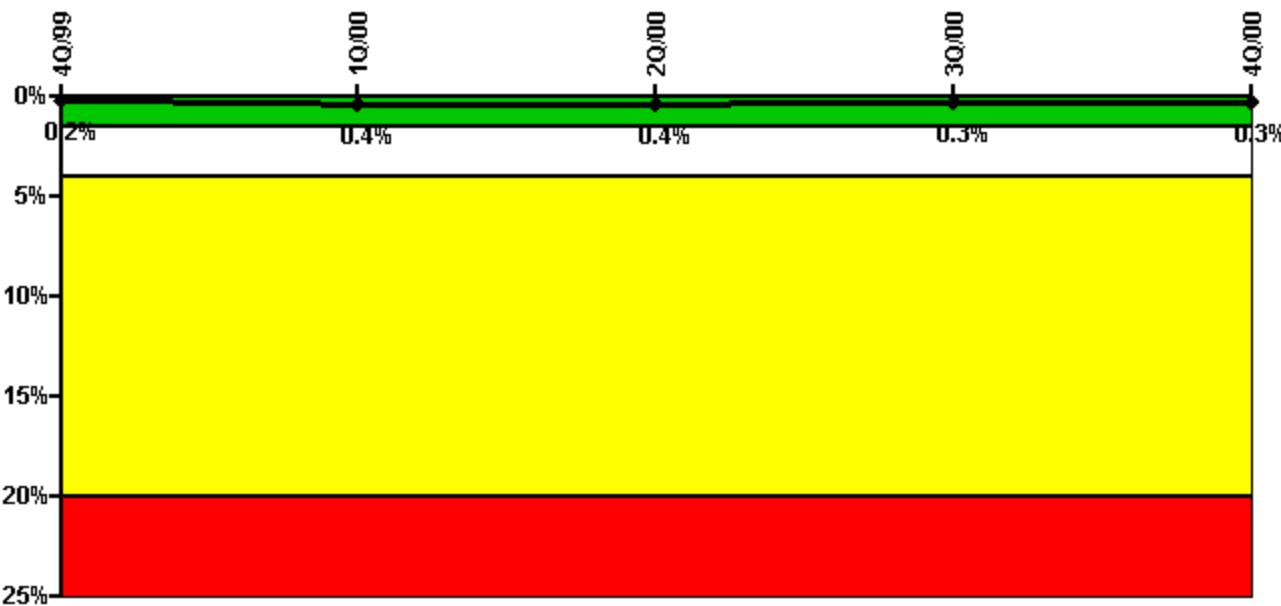
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

### Notes

| <b>Safety System Unavailability, Emergency AC Power, &gt;2EDG</b> |  | <b>4Q/99</b> | <b>1Q/00</b> | <b>2Q/00</b> | <b>3Q/00</b> | <b>4Q/00</b> |
|---|--|--------------|--------------|--------------|--------------|--------------|
| <b>Train 1</b>  |  |              |              |              |              |              |
| Planned unavailable hours   |  | 134.30       | 40.35        | 0.85         | 9.73         | 18.22        |
| Unplanned unavailable hours                                       |  | 0            | 0            | 17.00        | 0            | 0.75         |
| Fault exposure hours  |  | 0            | 0            | 0            | 0            | 0            |
| Effective Reset hours   |  | 0            | 0            | 0            | 0            | 0            |
| Required hours  |  | 2209.00      | 2184.00      | 2183.00      | 2208.00      | 2209.00      |
| <b>Train 2</b>  |  |              |              |              |              |              |
| Planned unavailable hours   |  | 1.30         | 39.57        | 1.05         | 5.93         | 1.00         |
| Unplanned unavailable hours                                       |  | 0            | 5.77         | 0            | 0            | 0            |
| Fault exposure hours  |  | 0            | 0            | 0            | 0            | 0            |
| Effective Reset hours   |  | 0            | 0            | 0            | 0            | 0            |
| Required hours  |  | 2209.00      | 2184.00      | 2183.00      | 2208.00      | 2209.00      |
| <b>Train 3</b>  |  |              |              |              |              |              |
| Planned unavailable hours   |  | 13.20        | 32.75        | 43.90        | 0.75         | 2.31         |
| Unplanned unavailable hours                                       |  | 0            | 0            | 0            | 0            | 0            |
| Fault exposure hours  |  | 0            | 0            | 0            | 0            | 0            |
| Effective Reset hours   |  | 0            | 0            | 0            | 0            | 0            |
| Required hours  |  | 2209.00      | 2184.00      | 2183.00      | 2208.00      | 2209.00      |
| <b>Indicator value</b>  |  | <b>0.6%</b>  | <b>0.8%</b>  | <b>0.9%</b>  | <b>0.9%</b>  | <b>0.9%</b>  |

Licensee Comments: none

## Safety System Unavailability, High Pressure Injection System (HPCS)



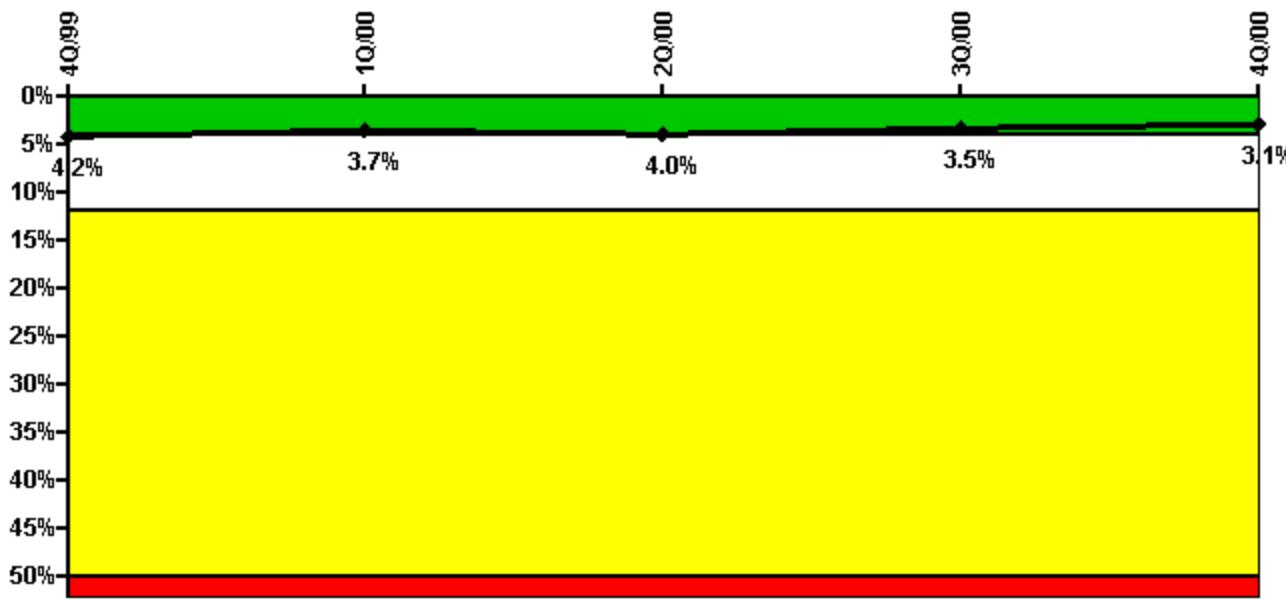
Thresholds: White > 1.5% Yellow > 4.0% Red > 20.0%

### Notes

| Safety System Unavailability, High Pressure Injection System (HPCS) | 4Q/99       | 1Q/00       | 2Q/00       | 3Q/00       | 4Q/00       |
|---|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>  |             |             |             |             |             |
| Planned unavailable hours   | 0           | 29.40       | 4.60        | 2.70        | 2.70        |
| Unplanned unavailable hours   | 0           | 0           | 0           | 0           | 0           |
| Fault exposure hours  | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours   | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 1509.80     | 2184.00     | 2183.00     | 2208.00     | 2209.00     |
|   |             |             |             |             |             |
| <b>Indicator value</b>  | <b>0.2%</b> | <b>0.4%</b> | <b>0.4%</b> | <b>0.3%</b> | <b>0.3%</b> |

Licensee Comments: none

## Safety System Unavailability, Heat Removal System (RCIC)



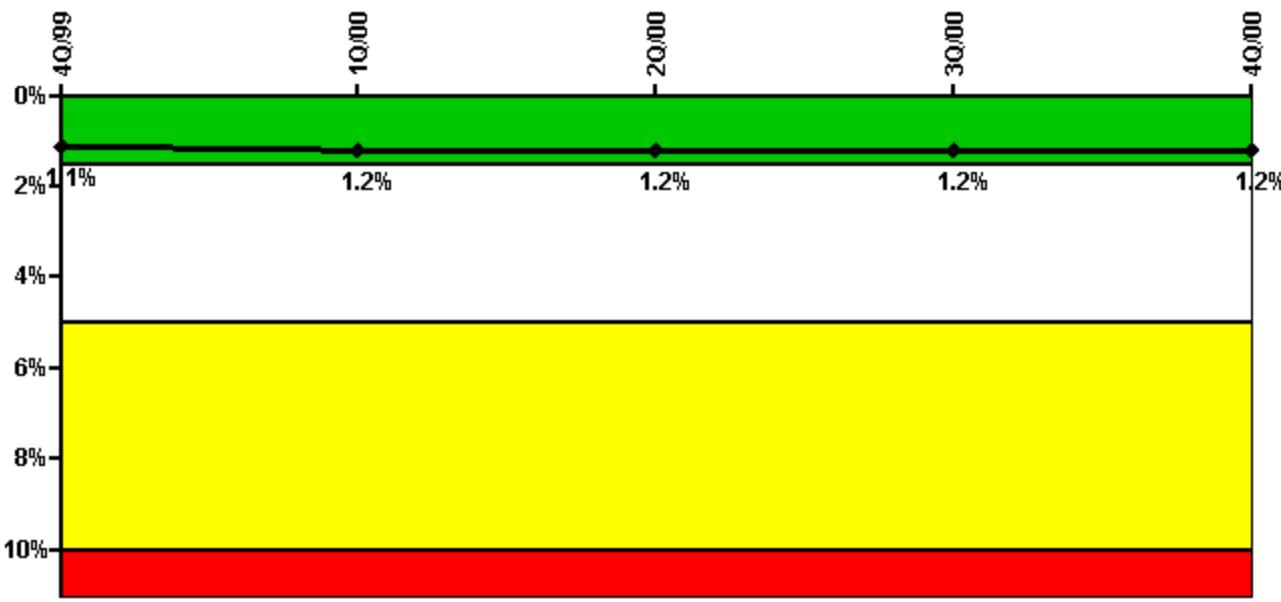
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

### Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 4Q/99       | 1Q/00       | 2Q/00       | 3Q/00       | 4Q/00       |
|--|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>   |             |             |             |             |             |
| Planned unavailable hours                                | 0           | 24.80       | 92.30       | 6.50        | 1.80        |
| Unplanned unavailable hours                              | 5.90        | 0           | 20.40       | 0           | 0           |
| Fault exposure hours                                     | 0           | 0           | 5.40        | 0           | 0           |
| Effective Reset hours                                    | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 1509.80     | 2184.00     | 2183.00     | 2208.00     | 2209.00     |
|  |             |             |             |             |             |
| <b>Indicator value</b>                                   | <b>4.2%</b> | <b>3.7%</b> | <b>4.0%</b> | <b>3.5%</b> | <b>3.1%</b> |

Licensee Comments: none

## Safety System Unavailability, Residual Heat Removal System

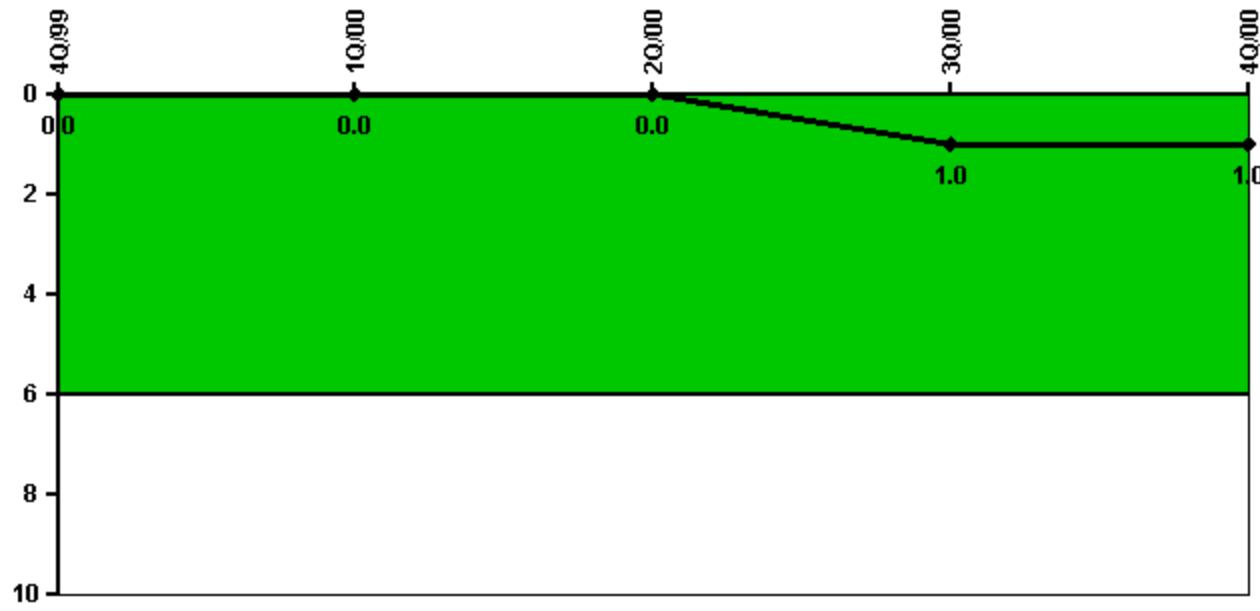


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

### Notes

| Safety System Unavailability, Residual Heat Removal System |  | 4Q/99       | 1Q/00       | 2Q/00       | 3Q/00       | 4Q/00       |
|--|--|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>   |  |             |             |             |             |             |
| Planned unavailable hours                                  |  | 14.20       | 29.90       | 39.40       | 2.60        | 0           |
| Unplanned unavailable hours                                |  | 0           | 0           | 0           | 0           | 0           |
| Fault exposure hours                                       |  | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                      |  | 0           | 0           | 0           | 0           | 0           |
| Required hours   |  | 2209.00     | 2184.00     | 2183.00     | 2208.00     | 2209.00     |
| <b>Train 2</b>   |  |             |             |             |             |             |
| Planned unavailable hours                                  |  | 128.00      | 20.90       | 9.10        | 0.70        | 0           |
| Unplanned unavailable hours                                |  | 183.20      | 0           | 0           | 4.60        | 0           |
| Fault exposure hours                                       |  | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                      |  | 0           | 0           | 0           | 0           | 0           |
| Required hours   |  | 2209.00     | 2184.00     | 2183.00     | 2208.00     | 2209.00     |
| <b>Indicator value</b>                                     |  | <b>1.1%</b> | <b>1.2%</b> | <b>1.2%</b> | <b>1.2%</b> | <b>1.2%</b> |

Licensee Comments: none

**Safety System Functional Failures (BWR)**

Thresholds: White > 6.0

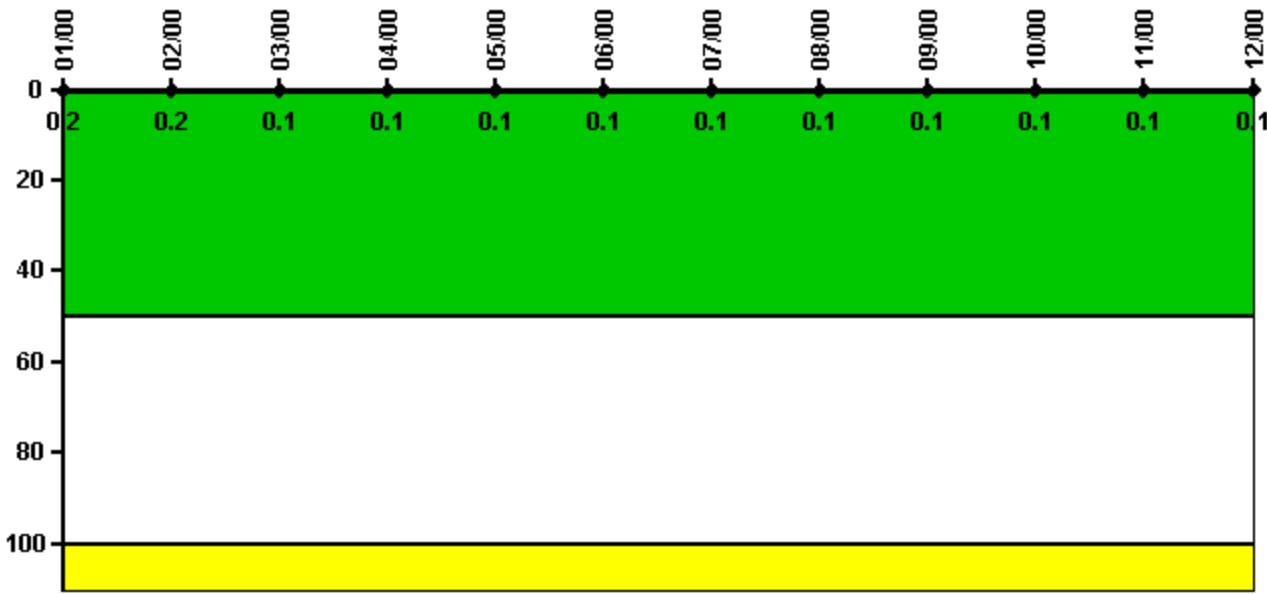
**Notes**

| Safety System Functional Failures (BWR) | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 |
|---|-------|-------|-------|-------|-------|
| Safety System Functional Failures       | 0     | 0     | 0     | 1     | 0     |
|   |       |       |       |       |       |
| Indicator value                         | 0     | 0     | 0     | 1     | 1     |

Licensee Comments:

3Q/00: July 2000 SSFF missed in initial review. Issue found by NRC Resident Inspector.

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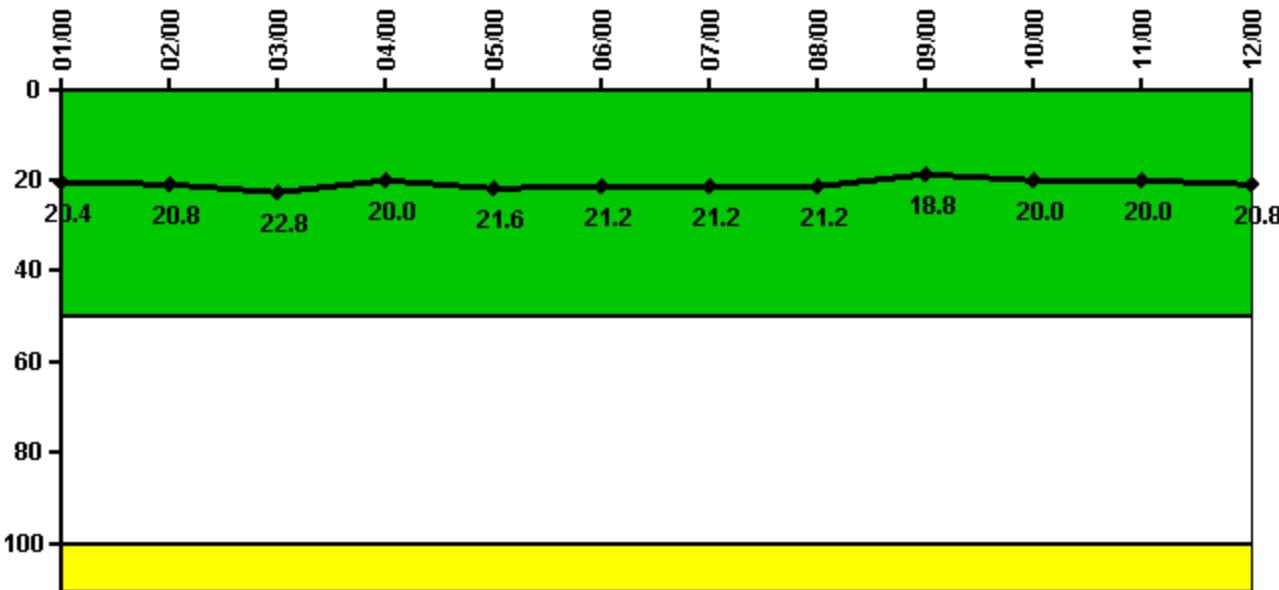
**Reactor Coolant System Activity**

Thresholds: White > 50.0 Yellow > 100.0

**Notes**

| Reactor Coolant System Activity | 1/00       | 2/00       | 3/00       | 4/00       | 5/00       | 6/00       | 7/00       | 8/00       | 9/00       | 10/00      | 11/00      | 12/00      |
|---------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Maximum activity                | 0.000390   | 0.000490   | 0.000160   | 0.000250   | 0.000150   | 0.000200   | 0.000120   | 0.000120   | 0.000130   | 0.000100   | 0.000100   | 0.000100   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| Indicator value                 | <b>0.2</b> | <b>0.2</b> | <b>0.1</b> |

Licensee Comments: none

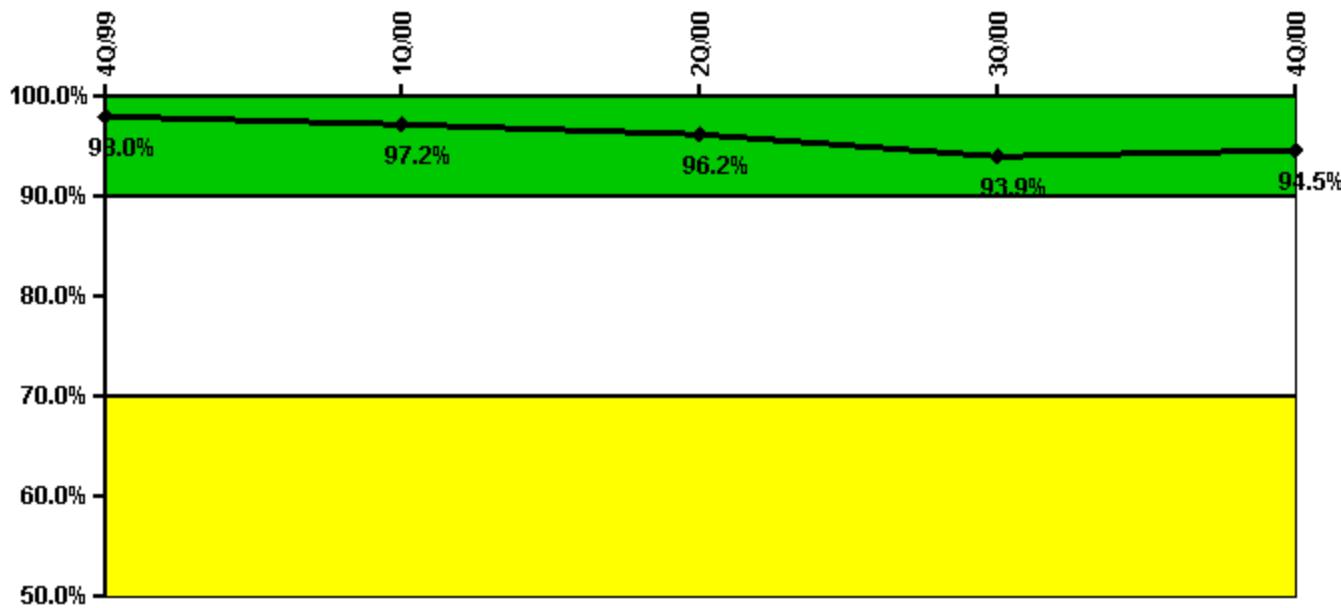
**Reactor Coolant System Leakage**

Thresholds: White > 50.0 Yellow > 100.0

**Notes**

| Reactor Coolant System Leakage | 1/00  | 2/00  | 3/00  | 4/00  | 5/00  | 6/00  | 7/00  | 8/00  | 9/00  | 10/00 | 11/00 | 12/00 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage                | 5.100 | 5.200 | 5.700 | 5.000 | 5.400 | 5.300 | 5.300 | 4.700 | 5.000 | 5.000 | 5.200 |       |
| Technical specification limit  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  |
| Indicator value                | 20.4  | 20.8  | 22.8  | 20.0  | 21.6  | 21.2  | 21.2  | 21.2  | 18.8  | 20.0  | 20.0  | 20.8  |

Licensee Comments: none

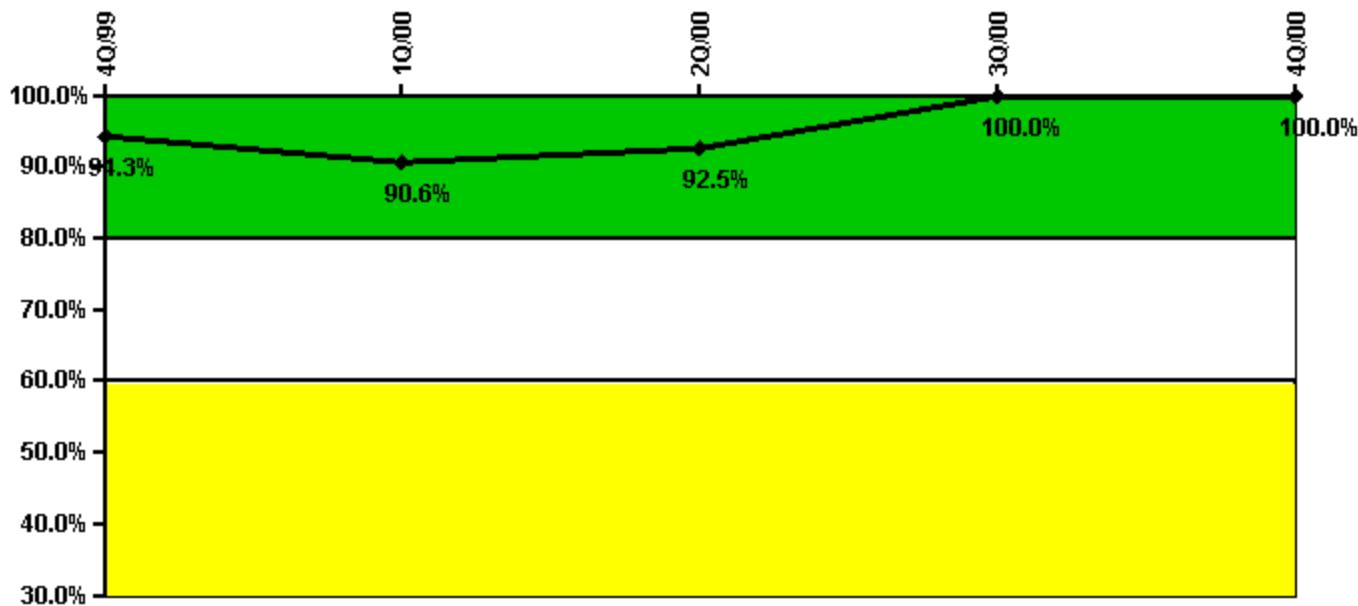
**Drill/Exercise Performance**

Thresholds: White < 90.0% Yellow < 70.0%

**Notes**

| Drill/Exercise Performance | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 |
|----------------------------|-------|-------|-------|-------|-------|
| Successful opportunities   | 0     | 5.0   | 19.0  | 42.0  | 14.0  |
| Total opportunities        | 0     | 5.0   | 20.0  | 46.0  | 14.0  |
| Indicator value            | 98.0% | 97.2% | 96.2% | 93.9% | 94.5% |

Licensee Comments: none

**ERO Drill Participation**

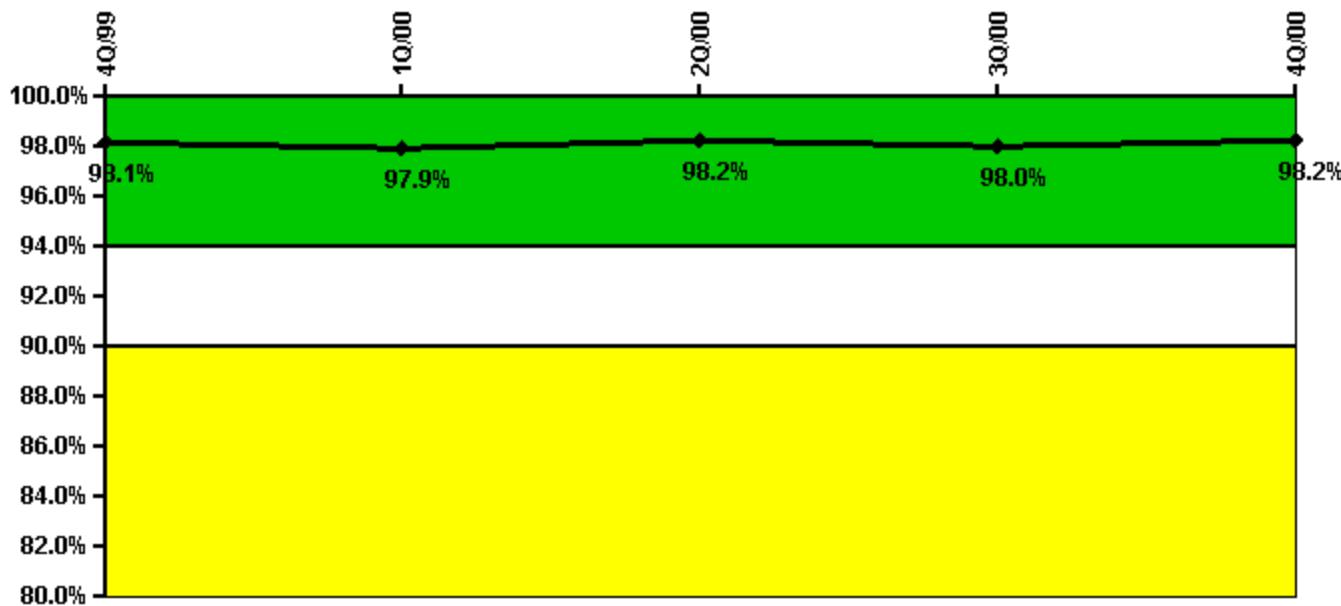
Thresholds: White < 80.0% Yellow < 60.0%

**Notes**

| ERO Drill Participation     | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00  | 4Q/00  |
|-----------------------------|-------|-------|-------|--------|--------|
| Participating Key personnel | 50.0  | 48.0  | 49.0  | 56.0   | 51.0   |
| Total Key personnel         | 53.0  | 53.0  | 53.0  | 56.0   | 51.0   |
| Indicator value             | 94.3% | 90.6% | 92.5% | 100.0% | 100.0% |

Licensee Comments: none

### Alert & Notification System

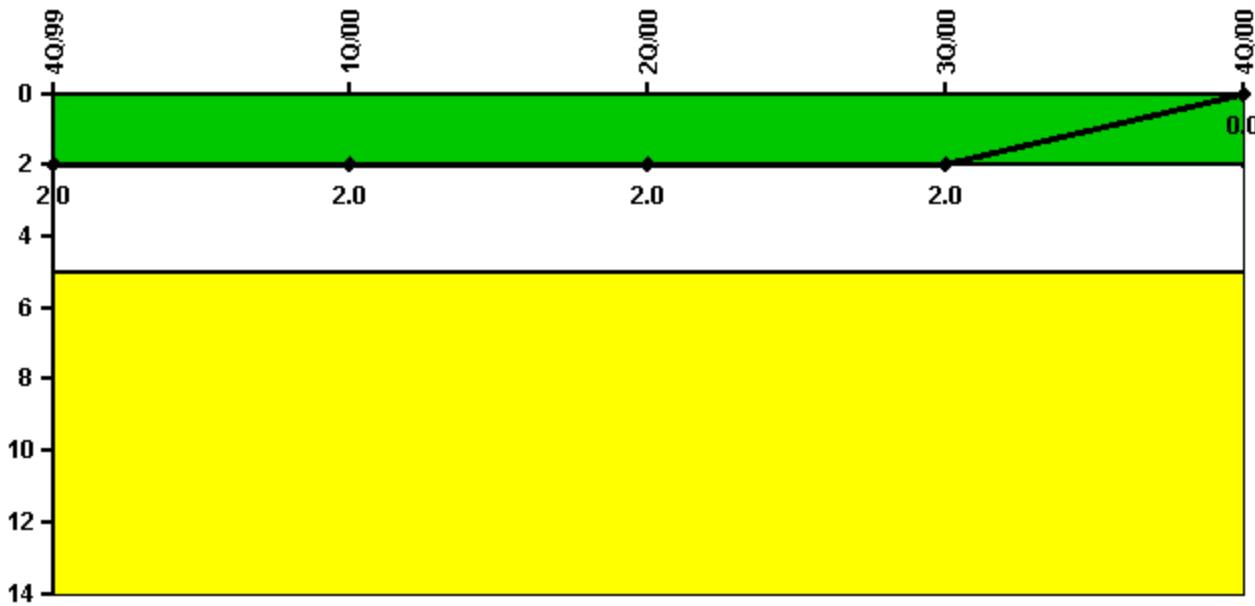


Thresholds: White < 94.0% Yellow < 90.0%

#### Notes

| Alert & Notification System | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 |
|-----------------------------|-------|-------|-------|-------|-------|
| Successful siren-tests      | 2097  | 2143  | 2129  | 2093  | 2117  |
| Total sirens-tests          | 2142  | 2176  | 2176  | 2142  | 2142  |
|                             |       |       |       |       |       |
| Indicator value             | 98.1% | 97.9% | 98.2% | 98.0% | 98.2% |

Licensee Comments: none

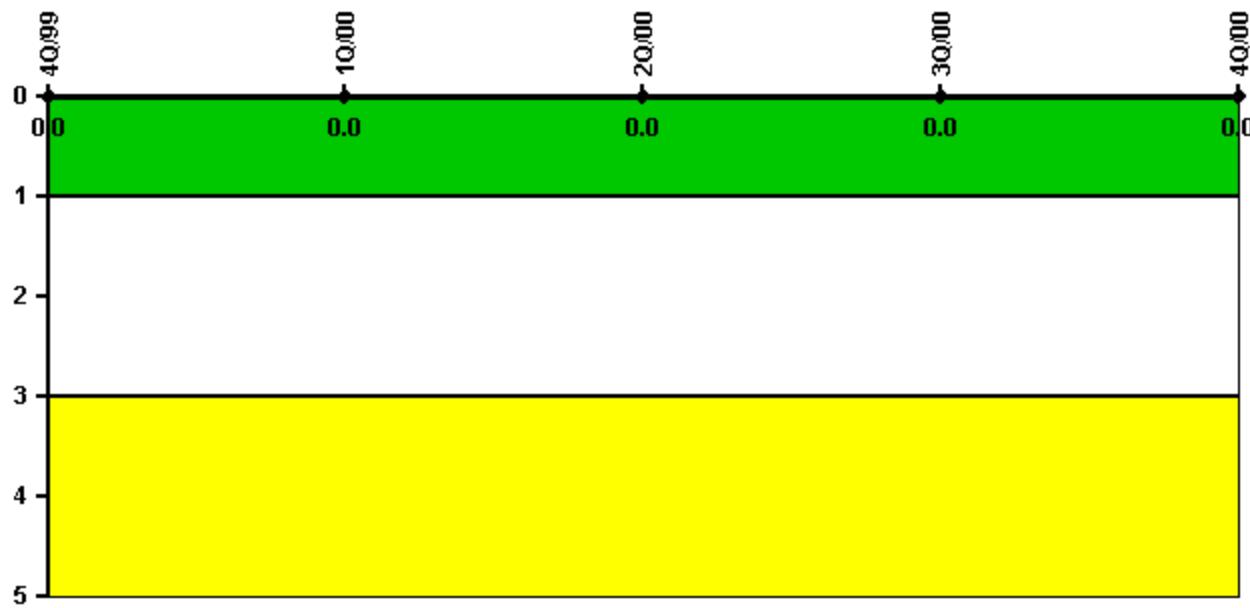
**Occupational Exposure Control Effectiveness**

Thresholds: White > 2.0 Yellow > 5.0

**Notes**

| Occupational Exposure Control Effectiveness | 4Q/99    | 1Q/00    | 2Q/00    | 3Q/00    | 4Q/00    |
|---|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 2        | 0        | 0        | 0        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>2</b> | <b>2</b> | <b>2</b> | <b>2</b> | <b>0</b> |

Licensee Comments: none

**RETS/ODCM Radiological Effluent**

Thresholds: White > 1.0 Yellow > 3.0

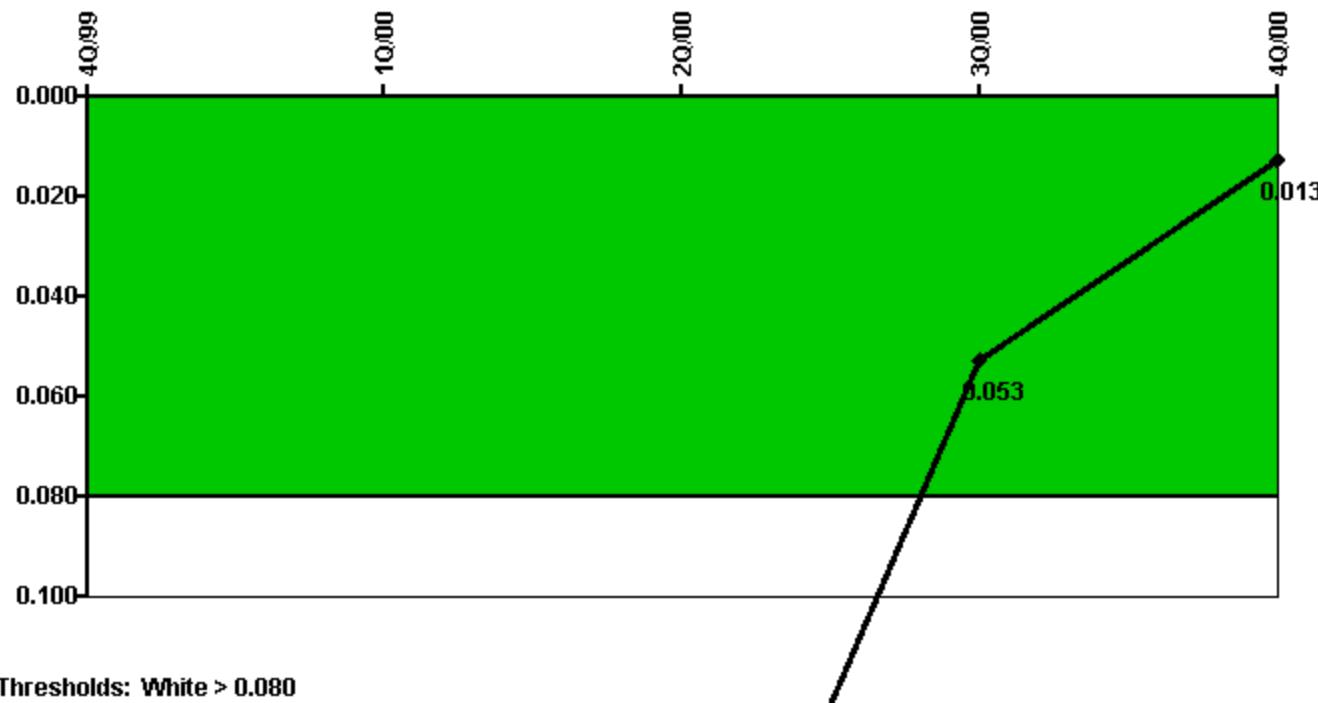
**Notes**

| RETS/ODCM Radiological Effluent | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 |
|---------------------------------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences           | 0     | 0     | 0     | 0     | 0     |
|                                 |       |       |       |       |       |
| Indicator value                 | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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### Protected Area Security Performance Index



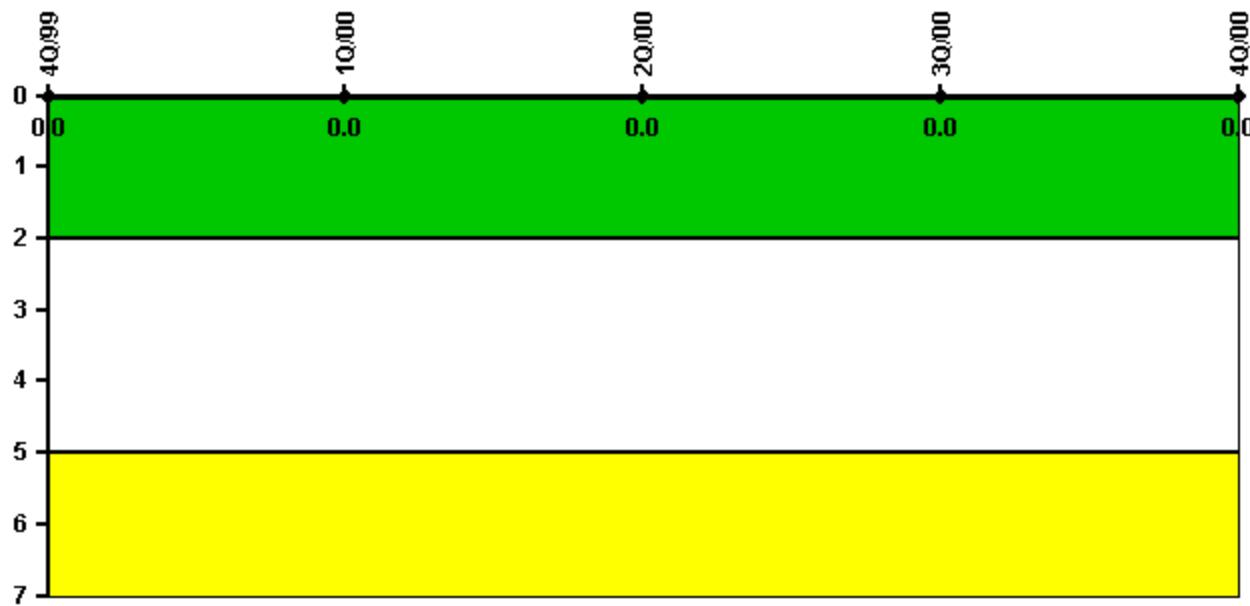
Thresholds: White > 0.080

### Notes

| Protected Area Security Performance Index | 4Q/99        | 1Q/00        | 2Q/00        | 3Q/00        | 4Q/00        |
|---|--------------|--------------|--------------|--------------|--------------|
| IDS compensatory hours                    | 657.40       | 81.30        | 12.60        | 30.50        | 31.30        |
| CCTV compensatory hours                   | 205.1        | 9.6          | 32.0         | 30.7         | 20.0         |
| IDS normalization factor                  | 1.20         | 1.20         | 1.20         | 1.20         | 1.20         |
| CCTV normalization factor                 | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          |
|   |              |              |              |              |              |
| <b>Index Value</b>                        | <b>0.353</b> | <b>0.289</b> | <b>0.190</b> | <b>0.053</b> | <b>0.013</b> |

Licensee Comments: none

### Personnel Screening Program



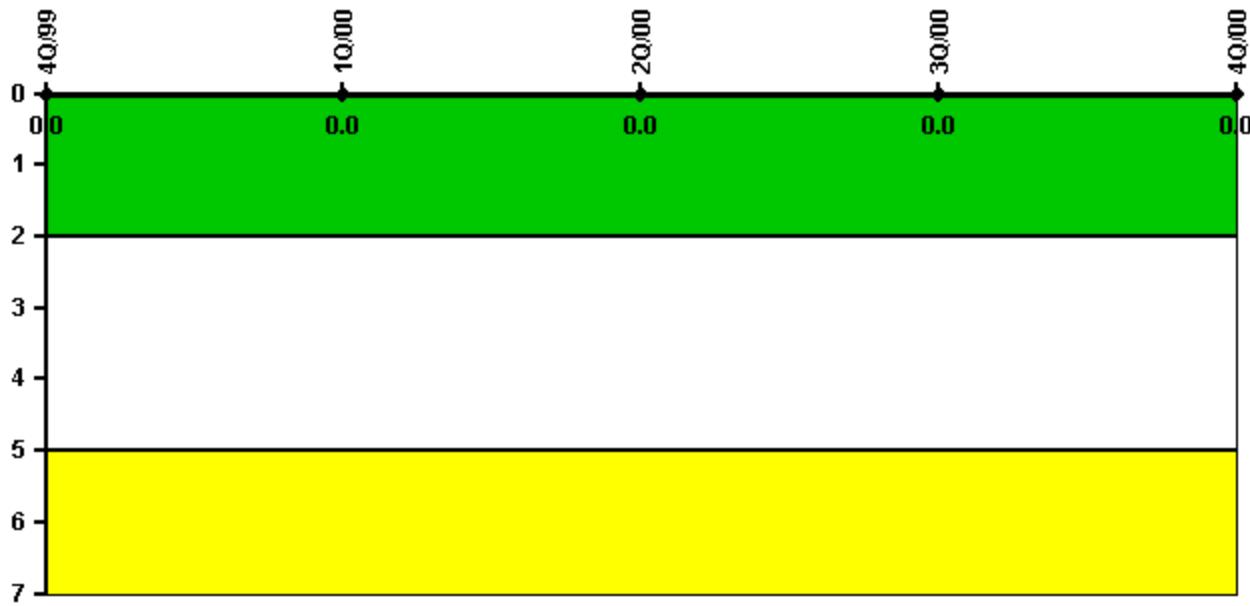
Thresholds: White > 2.0 Yellow > 5.0

#### Notes

| Personnel Screening Program | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 |
|-----------------------------|-------|-------|-------|-------|-------|
| Program failures            | 0     | 0     | 0     | 0     | 0     |
|                             |       |       |       |       |       |
| Indicator value             | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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**FFD/Personnel Reliability**

Thresholds: White > 2.0 Yellow > 5.0

**Notes**

| FFD/Personnel Reliability | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 |
|---------------------------|-------|-------|-------|-------|-------|
| Program Failures          | 0     | 0     | 0     | 0     | 0     |
|                           |       |       |       |       |       |
| Indicator value           | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

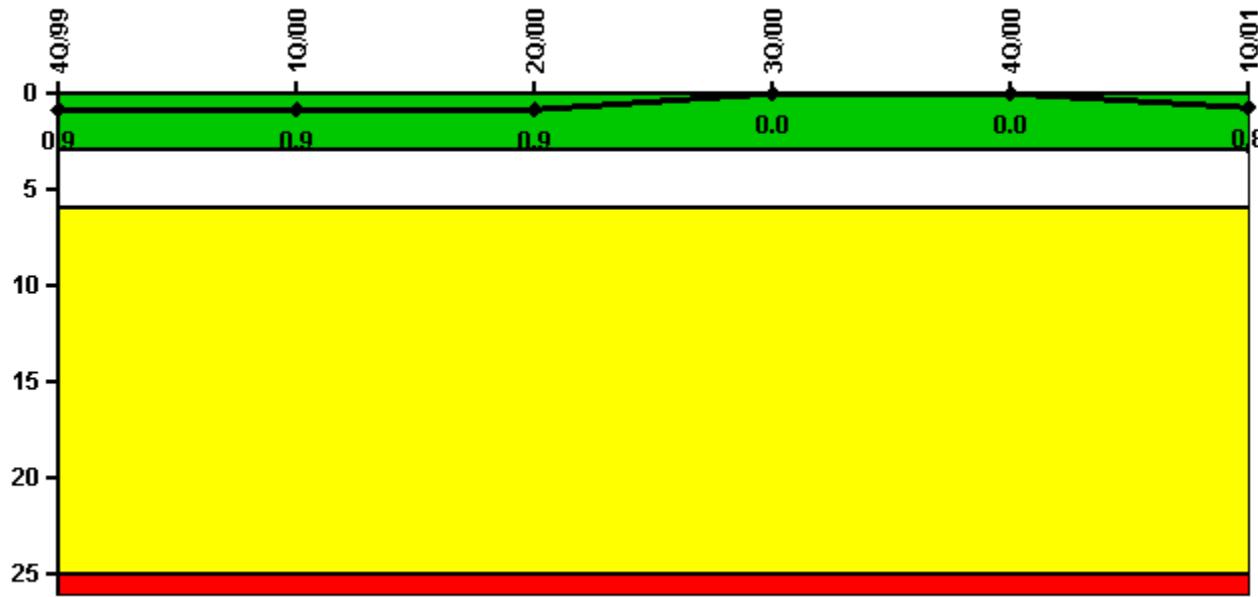


[PI Summary](#) | [Inspection Findings Summary](#) | [Action Matrix Summary](#) | [Reactor Oversight Process](#)

Last Modified: March 28, 2002

**La Salle 1****1Q/2001 Performance Indicators**

Licensee's General Comments: none

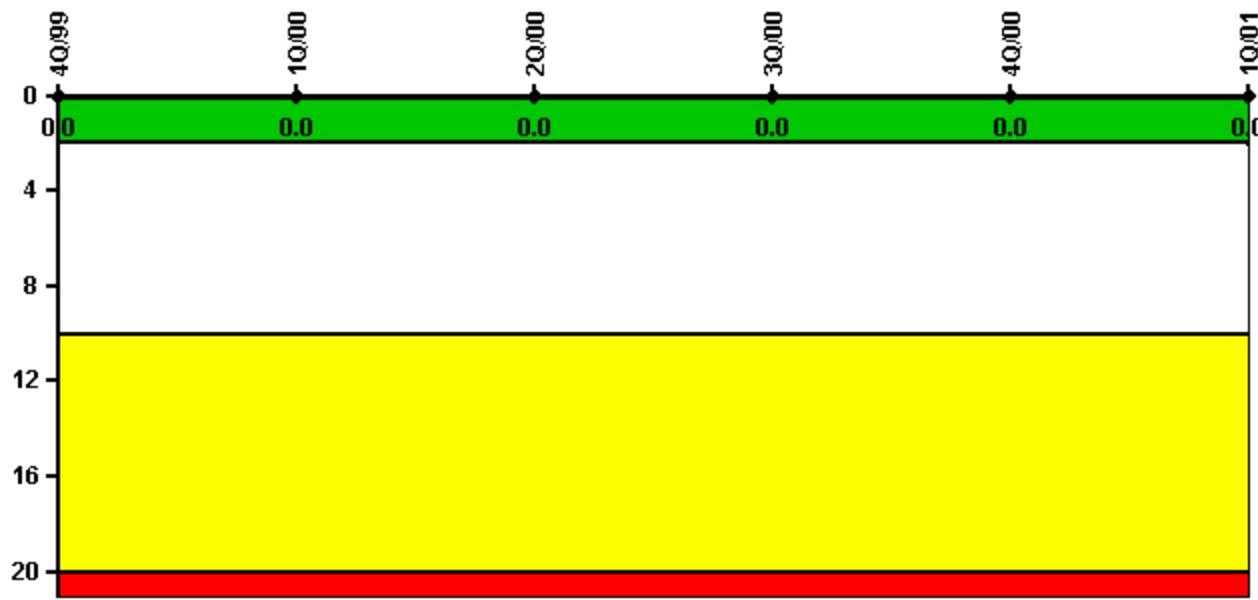
**Unplanned Scrams per 7000 Critical Hrs**

Thresholds: White &gt; 3.0 Yellow &gt; 6.0 Red &gt; 25.0

**Notes**

| Unplanned Scrams per 7000 Critical Hrs | 4Q/99  | 1Q/00  | 2Q/00  | 3Q/00  | 4Q/00  | 1Q/01  |
|--|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 0      | 0      | 0      | 0      | 1.0    |
| Critical hours                         | 1509.8 | 2184.0 | 2183.0 | 2208.0 | 2209.0 | 2123.4 |
| Indicator value                        | 0.9    | 0.9    | 0.9    | 0      | 0      | 0.8    |

Licensee Comments: none

**Scrams with Loss of Normal Heat Removal**

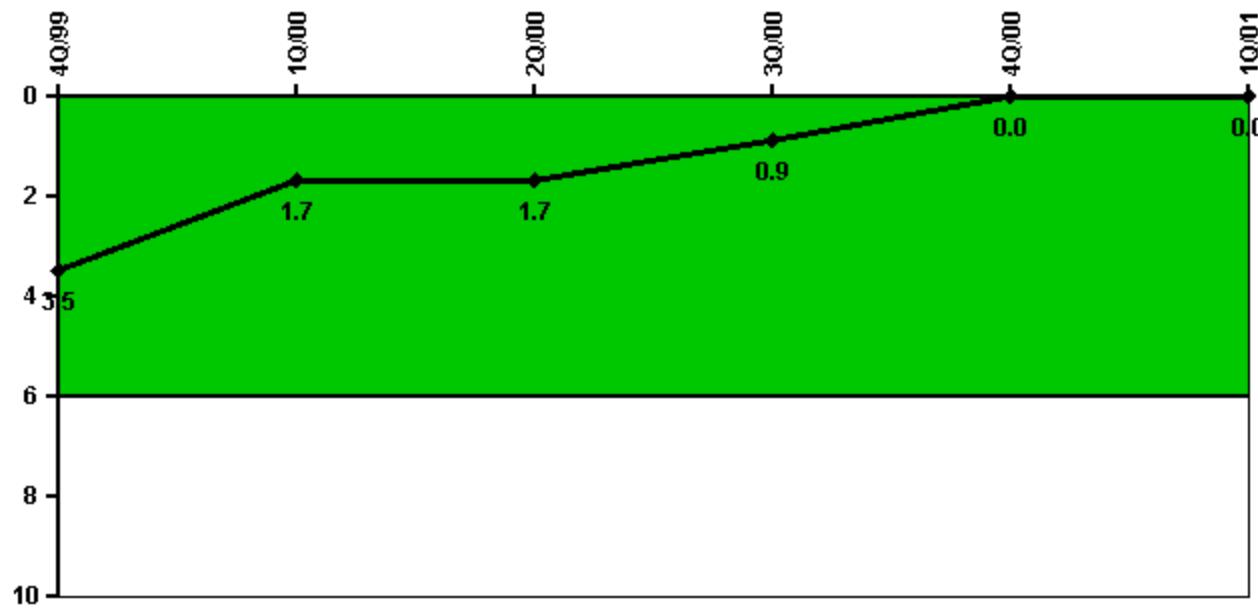
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

**Notes**

| Scrams with Loss of Normal Heat Removal | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 |
|---|-------|-------|-------|-------|-------|-------|
| Scrams                                  | 0     | 0     | 0     | 0     | 0     | 0     |
|   |       |       |       |       |       |       |
| Indicator value                         | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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**Unplanned Power Changes per 7000 Critical Hrs**

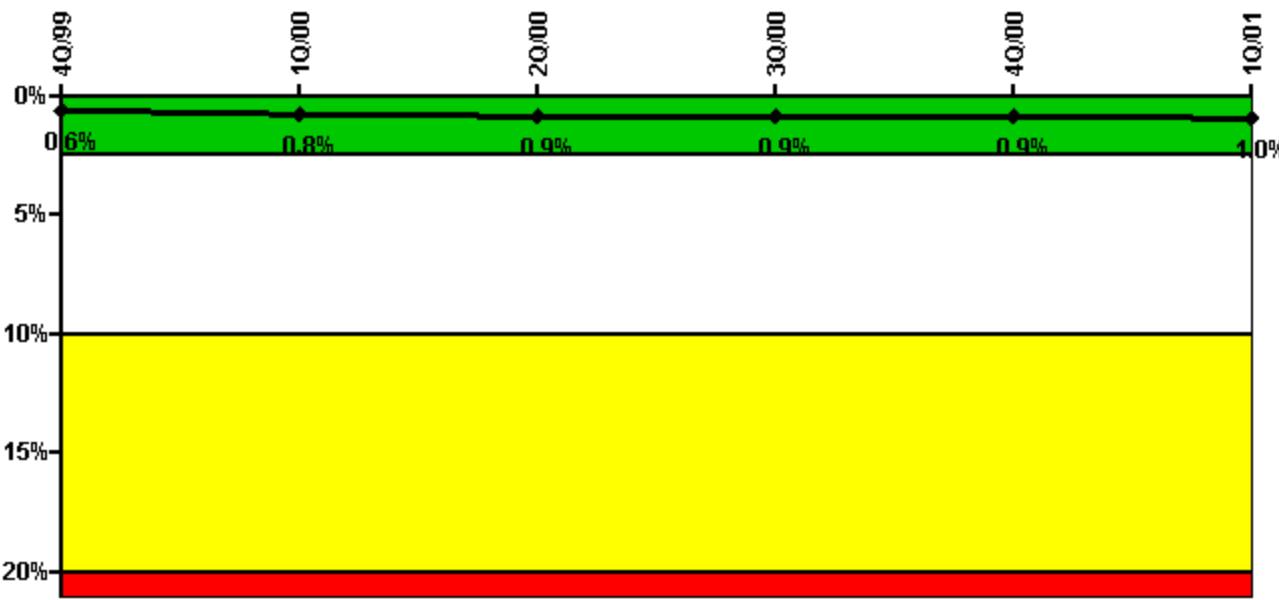
Thresholds: White > 6.0

**Notes**

| Unplanned Power Changes per 7000 Critical Hrs | 4Q/99  | 1Q/00  | 2Q/00  | 3Q/00  | 4Q/00  | 1Q/01  |
|---|--------|--------|--------|--------|--------|--------|
| Unplanned power changes                       | 1.0    | 0      | 0      | 0      | 0      | 0      |
| Critical hours                                | 1509.8 | 2184.0 | 2183.0 | 2208.0 | 2209.0 | 2123.4 |
| Indicator value                               | 3.5    | 1.7    | 1.7    | 0.9    | 0      | 0      |

Licensee Comments: none

## Safety System Unavailability, Emergency AC Power, >2EDG



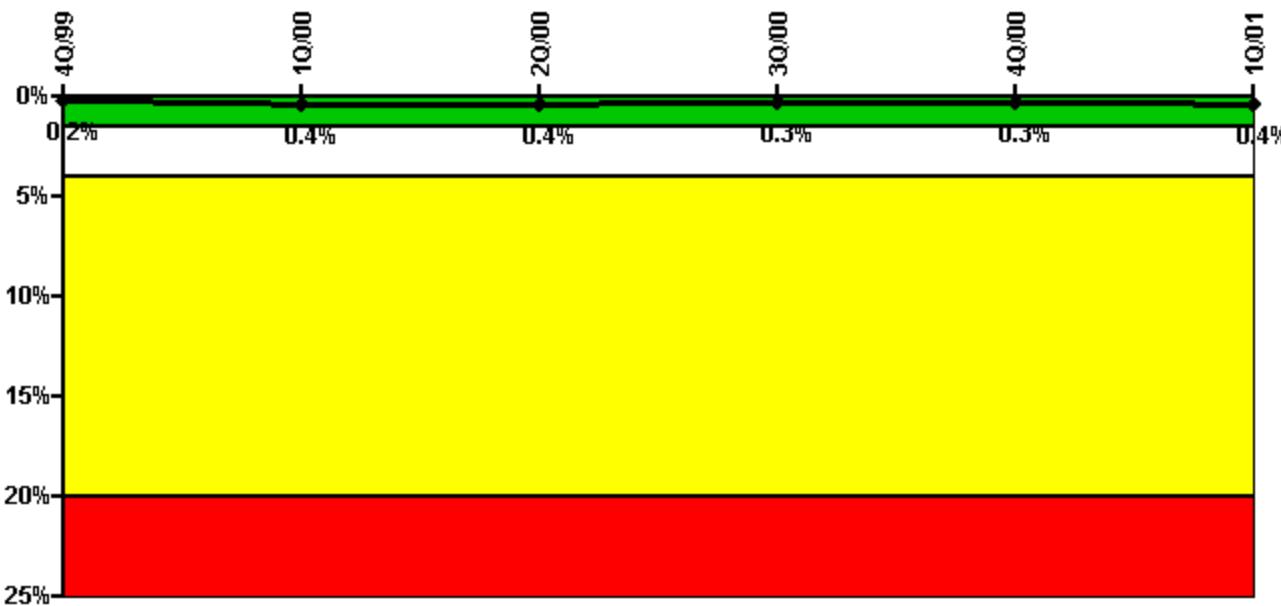
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

### Notes

| Safety System Unavailability, Emergency AC Power, >2EDG | 4Q/99       | 1Q/00       | 2Q/00       | 3Q/00       | 4Q/00       | 1Q/01       |
|---|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>  |             |             |             |             |             |             |
| Planned unavailable hours                               | 134.30      | 40.35       | 0.85        | 9.73        | 18.22       | 26.20       |
| Unplanned unavailable hours                             | 0           | 0           | 17.00       | 0           | 0.75        | 23.43       |
| Fault exposure hours                                    | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                   | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2209.00     | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     |
| <b>Train 2</b>  |             |             |             |             |             |             |
| Planned unavailable hours                               | 1.30        | 39.57       | 1.05        | 5.93        | 1.00        | 30.63       |
| Unplanned unavailable hours                             | 0           | 5.77        | 0           | 0           | 0           | 0           |
| Fault exposure hours                                    | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                   | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2209.00     | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     |
| <b>Train 3</b>  |             |             |             |             |             |             |
| Planned unavailable hours                               | 13.20       | 32.75       | 43.90       | 0.75        | 2.31        | 35.55       |
| Unplanned unavailable hours                             | 0           | 0           | 0           | 0           | 0           | 0           |
| Fault exposure hours                                    | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                   | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2209.00     | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     |
| <b>Indicator value</b>                                  | <b>0.6%</b> | <b>0.8%</b> | <b>0.9%</b> | <b>0.9%</b> | <b>0.9%</b> | <b>1.0%</b> |

Licensee Comments: none

## Safety System Unavailability, High Pressure Injection System (HPCS)



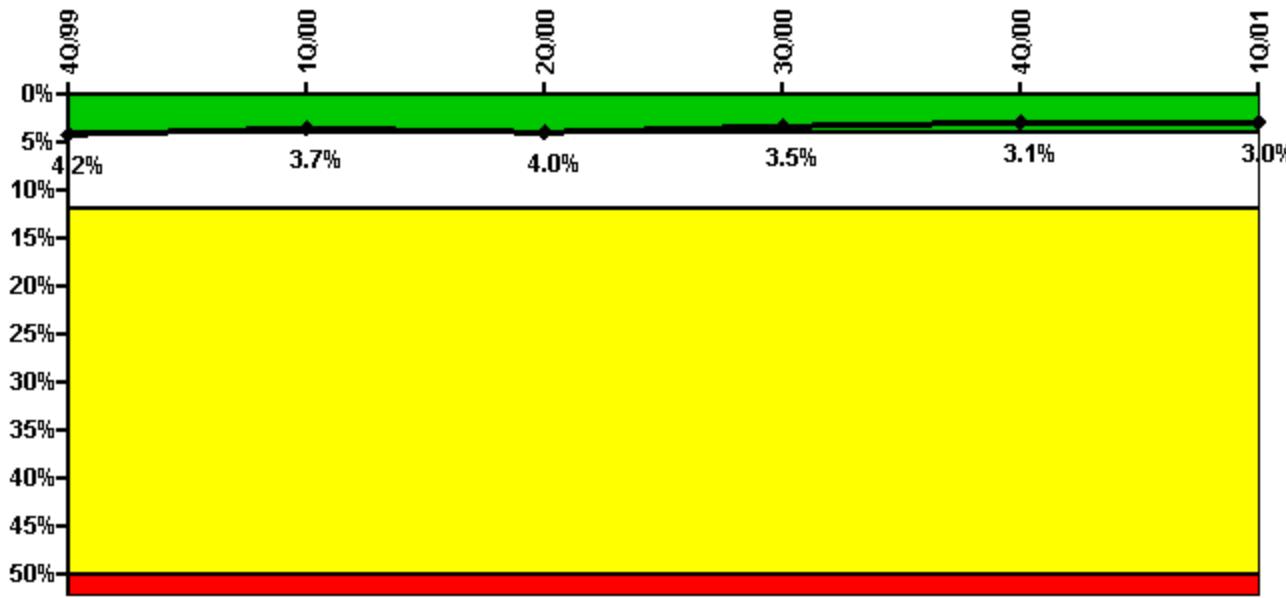
Thresholds: White > 1.5% Yellow > 4.0% Red > 20.0%

### Notes

| Safety System Unavailability, High Pressure Injection System (HPCS) | 4Q/99       | 1Q/00       | 2Q/00       | 3Q/00       | 4Q/00       | 1Q/01       |
|---|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>  |             |             |             |             |             |             |
| Planned unavailable hours   | 0           | 29.40       | 4.60        | 2.70        | 2.70        | 19.40       |
| Unplanned unavailable hours   | 0           | 0           | 0           | 0           | 0           | 0           |
| Fault exposure hours  | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours   | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 1509.80     | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2123.40     |
| <b>Indicator value</b>  | <b>0.2%</b> | <b>0.4%</b> | <b>0.4%</b> | <b>0.3%</b> | <b>0.3%</b> | <b>0.4%</b> |

Licensee Comments: none

## Safety System Unavailability, Heat Removal System (RCIC)



Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

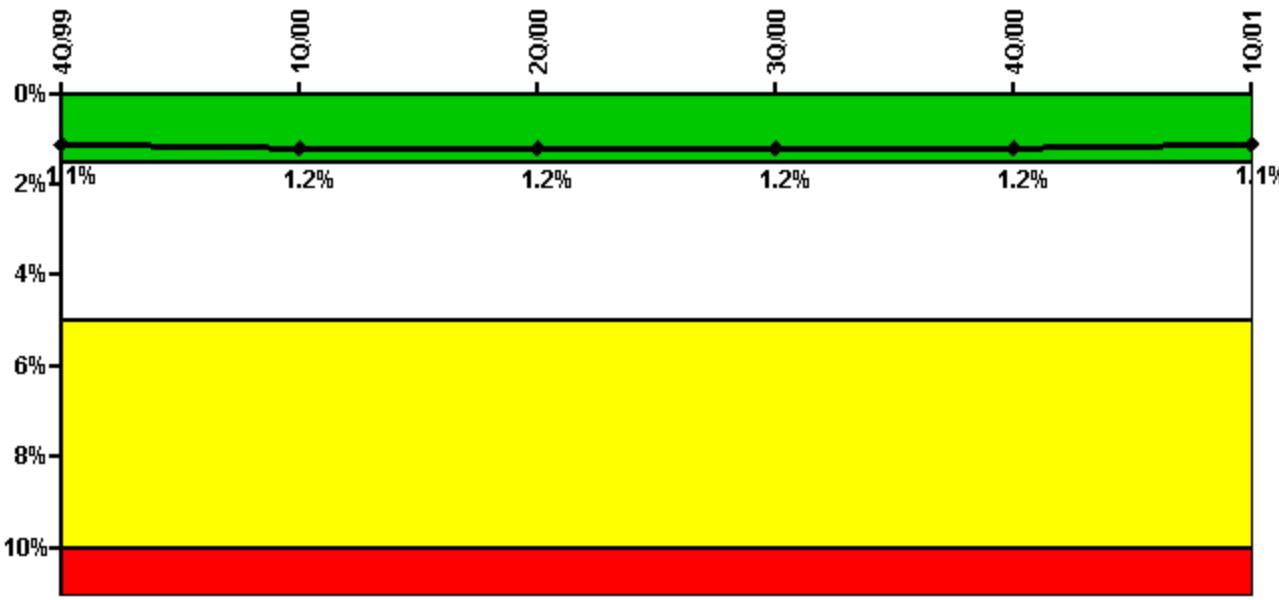
### Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 4Q/99       | 1Q/00       | 2Q/00       | 3Q/00       | 4Q/00       | 1Q/01       |
|--|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>   |             |             |             |             |             |             |
| Planned unavailable hours                                | 0           | 24.80       | 92.30       | 6.50        | 1.80        | 32.30       |
| Unplanned unavailable hours                              | 5.90        | 0           | 20.40       | 0           | 0           | 0           |
| Fault exposure hours                                     | 0           | 0           | 5.40        | 0           | 0           | 0           |
| Effective Reset hours                                    | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 1509.80     | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2123.40     |
| <b>Indicator value</b>                                   | <b>4.2%</b> | <b>3.7%</b> | <b>4.0%</b> | <b>3.5%</b> | <b>3.1%</b> | <b>3.0%</b> |

Licensee Comments:

1Q/01: 3.3 hour discrepancy found in January data for planned unavailable hours. Error found during Ops. log review. Procedure change to incorporate improved Tech. Specs. added a quarterly surveillance not previously required that makes RCIC unavailable during surveillance.

## Safety System Unavailability, Residual Heat Removal System

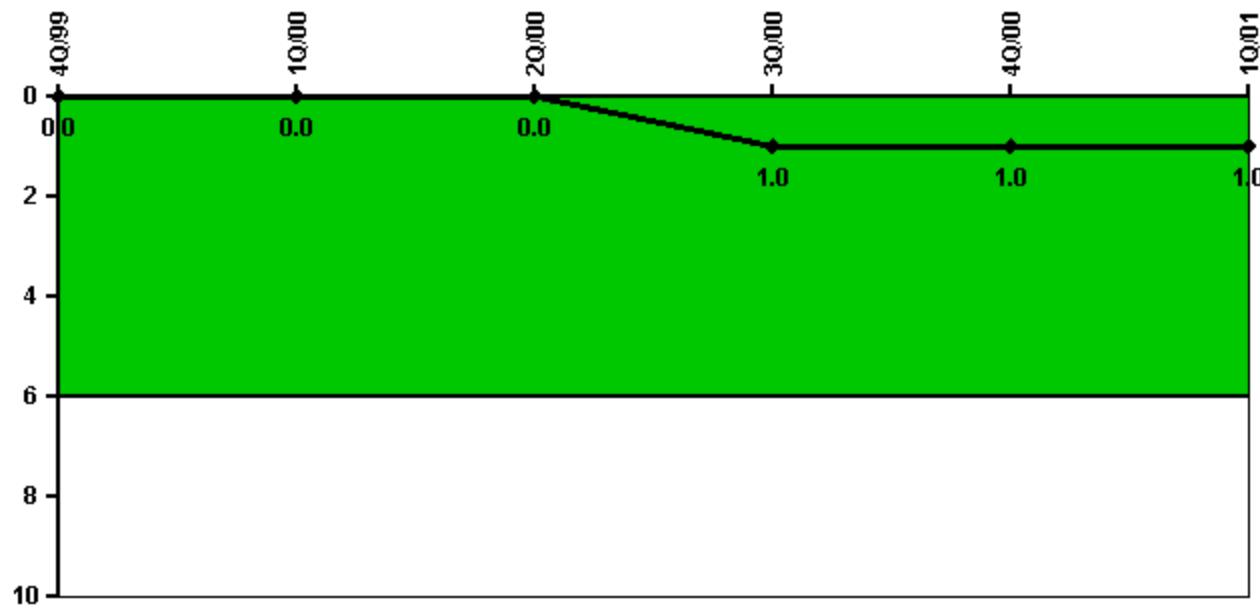


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

### Notes

| Safety System Unavailability, Residual Heat Removal System | 4Q/99       | 1Q/00       | 2Q/00       | 3Q/00       | 4Q/00       | 1Q/01       |
|--|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>   |             |             |             |             |             |             |
| Planned unavailable hours                                  | 14.20       | 29.90       | 39.40       | 2.60        | 0           | 41.40       |
| Unplanned unavailable hours                                | 0           | 0           | 0           | 0           | 0           | 30.70       |
| Fault exposure hours                                       | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                      | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 2209.00     | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     |
| <b>Train 2</b>   |             |             |             |             |             |             |
| Planned unavailable hours                                  | 128.00      | 20.90       | 9.10        | 0.70        | 0           | 20.80       |
| Unplanned unavailable hours                                | 183.20      | 0           | 0           | 4.60        | 0           | 0           |
| Fault exposure hours                                       | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                      | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 2209.00     | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     |
| <b>Indicator value</b>                                     | <b>1.1%</b> | <b>1.2%</b> | <b>1.2%</b> | <b>1.2%</b> | <b>1.2%</b> | <b>1.1%</b> |

Licensee Comments: none

**Safety System Functional Failures (BWR)**

Thresholds: White > 6.0

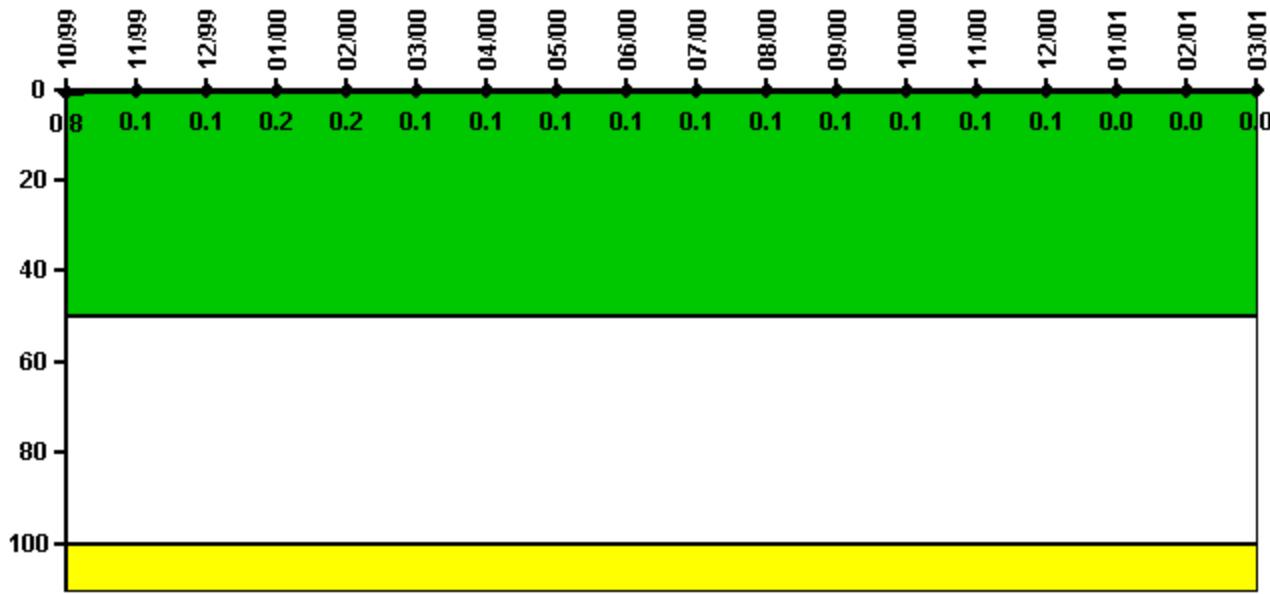
**Notes**

| Safety System Functional Failures (BWR) | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 |
|---|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures       | 0     | 0     | 0     | 1     | 0     | 0     |
|   |       |       |       |       |       |       |
| Indicator value                         | 0     | 0     | 0     | 1     | 1     | 1     |

Licensee Comments:

3Q/00: July 2000 SSFF missed in initial review. Issue found by NRC Resident Inspector.

### Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

#### Notes

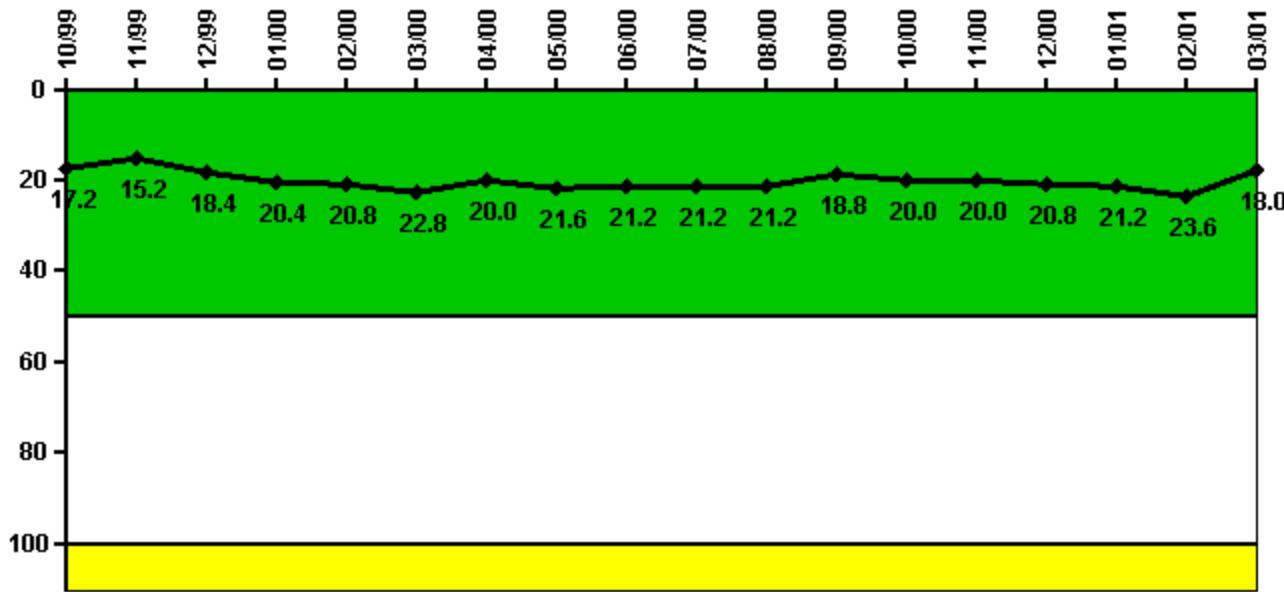
| Reactor Coolant System Activity | 10/99      | 11/99      | 12/99      | 1/00       | 2/00       | 3/00       | 4/00       | 5/00       | 6/00       | 7/00       | 8/00       | 9/00       |
|---------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Maximum activity                | 0.001680   | 0.000170   | 0.000230   | 0.000390   | 0.000490   | 0.000160   | 0.000250   | 0.000150   | 0.000200   | 0.000120   | 0.000120   | 0.000130   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| Indicator value                 | <b>0.8</b> | <b>0.1</b> | <b>0.1</b> | <b>0.2</b> | <b>0.2</b> | <b>0.1</b> |

| Reactor Coolant System Activity | 10/00      | 11/00      | 12/00      | 1/01     | 2/01     | 3/01     |
|---------------------------------|------------|------------|------------|----------|----------|----------|
| Maximum activity                | 0.000100   | 0.000100   | 0.000100   | 0.000087 | 0.000086 | 0.000095 |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2      | 0.2      | 0.2      |
| Indicator value                 | <b>0.1</b> | <b>0.1</b> | <b>0.1</b> | <b>0</b> | <b>0</b> | <b>0</b> |

Licensee Comments: none

### Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

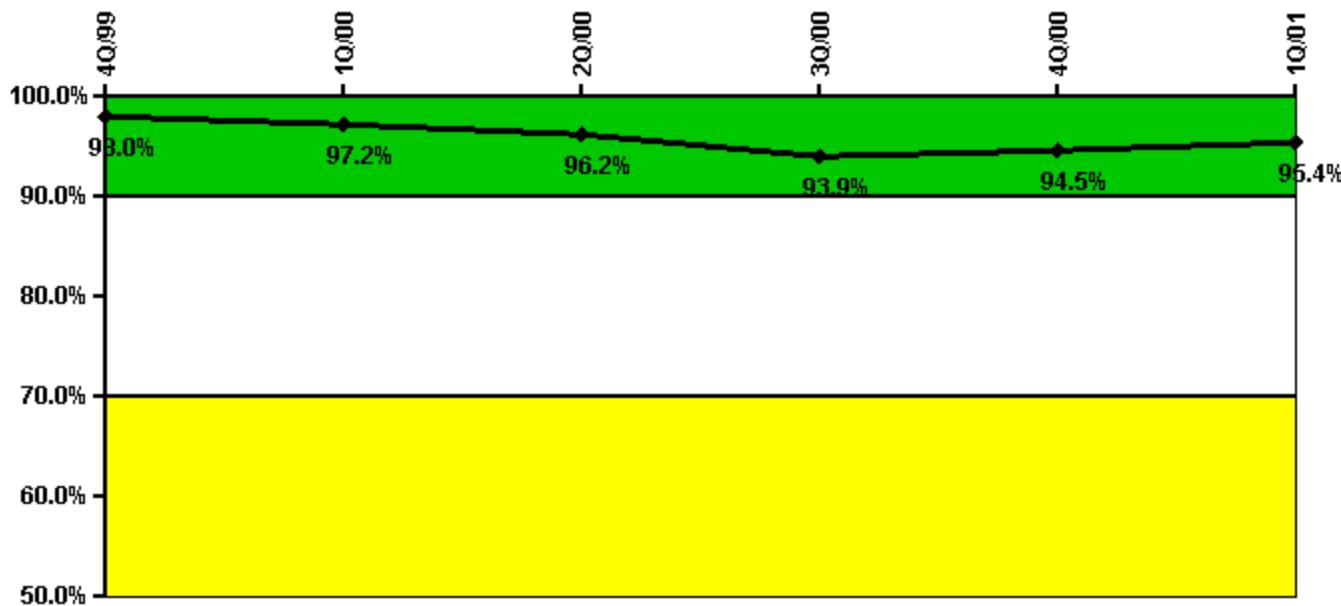
#### Notes

| Reactor Coolant System Leakage | 10/99 | 11/99 | 12/99 | 1/00  | 2/00  | 3/00  | 4/00  | 5/00  | 6/00  | 7/00  | 8/00  | 9/00  |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage                | 4.300 | 3.800 | 4.600 | 5.100 | 5.200 | 5.700 | 5.000 | 5.400 | 5.300 | 5.300 | 5.300 | 4.700 |
| Technical specification limit  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  |
| Indicator value                | 17.2  | 15.2  | 18.4  | 20.4  | 20.8  | 22.8  | 20.0  | 21.6  | 21.2  | 21.2  | 21.2  | 18.8  |

| Reactor Coolant System Leakage | 10/00 | 11/00 | 12/00 | 1/01  | 2/01  | 3/01  |
|--------------------------------|-------|-------|-------|-------|-------|-------|
| Maximum leakage                | 5.000 | 5.000 | 5.200 | 5.300 | 5.900 | 4.500 |
| Technical specification limit  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  |
| Indicator value                | 20.0  | 20.0  | 20.8  | 21.2  | 23.6  | 18.0  |

Licensee Comments: none

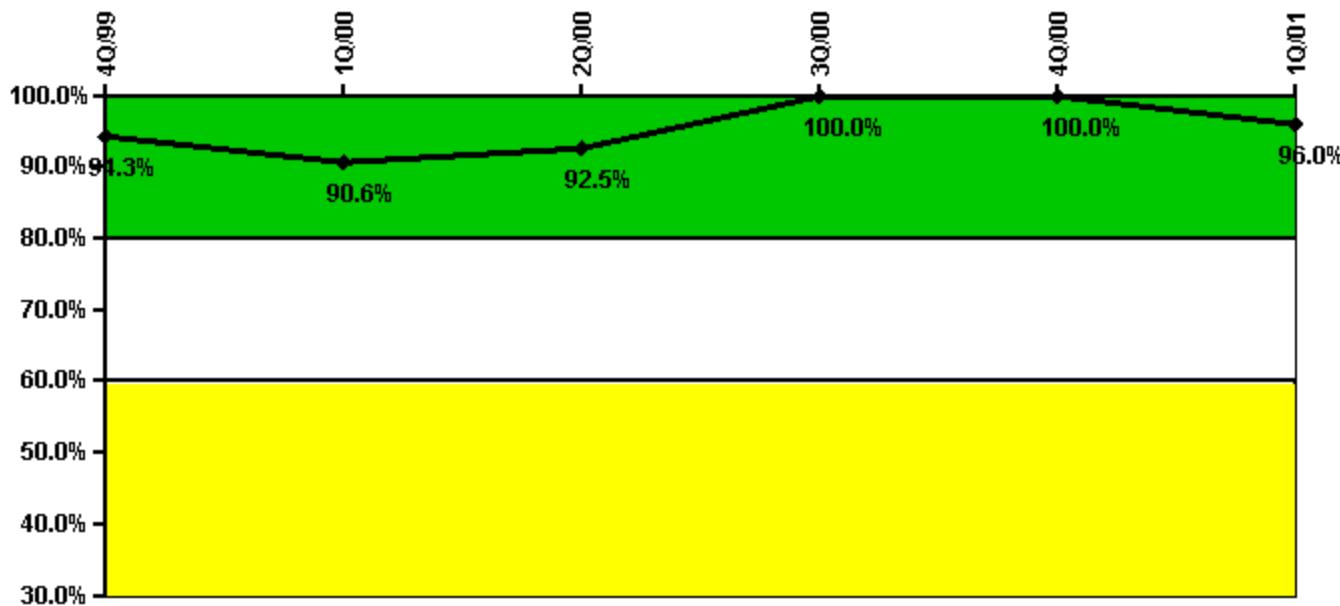
**Drill/Exercise Performance**

Thresholds: White < 90.0% Yellow < 70.0%

**Notes**

| Drill/Exercise Performance | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 |
|----------------------------|-------|-------|-------|-------|-------|-------|
| Successful opportunities   | 0     | 5.0   | 19.0  | 42.0  | 14.0  | 20.0  |
| Total opportunities        | 0     | 5.0   | 20.0  | 46.0  | 14.0  | 20.0  |
| Indicator value            | 98.0% | 97.2% | 96.2% | 93.9% | 94.5% | 95.4% |

Licensee Comments: none

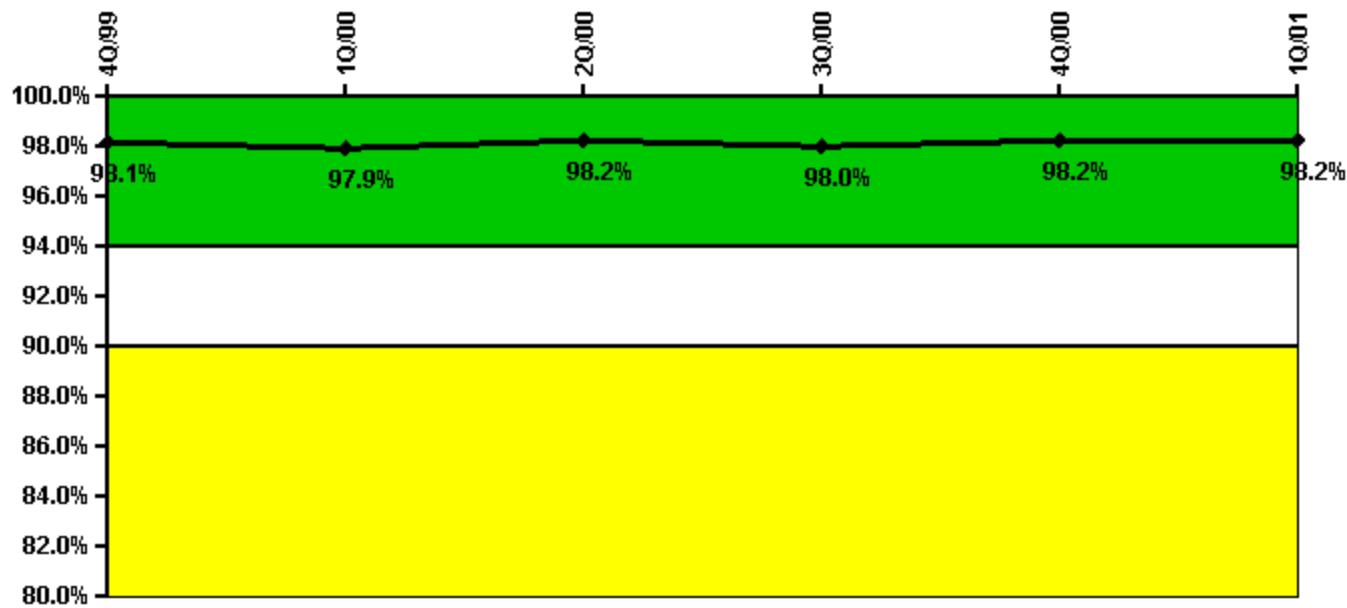
**ERO Drill Participation**

Thresholds: White < 80.0% Yellow < 60.0%

**Notes**

| ERO Drill Participation     | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00  | 4Q/00  | 1Q/01 |
|-----------------------------|-------|-------|-------|--------|--------|-------|
| Participating Key personnel | 50.0  | 48.0  | 49.0  | 56.0   | 51.0   | 48.0  |
| Total Key personnel         | 53.0  | 53.0  | 53.0  | 56.0   | 51.0   | 50.0  |
| Indicator value             | 94.3% | 90.6% | 92.5% | 100.0% | 100.0% | 96.0% |

Licensee Comments: none

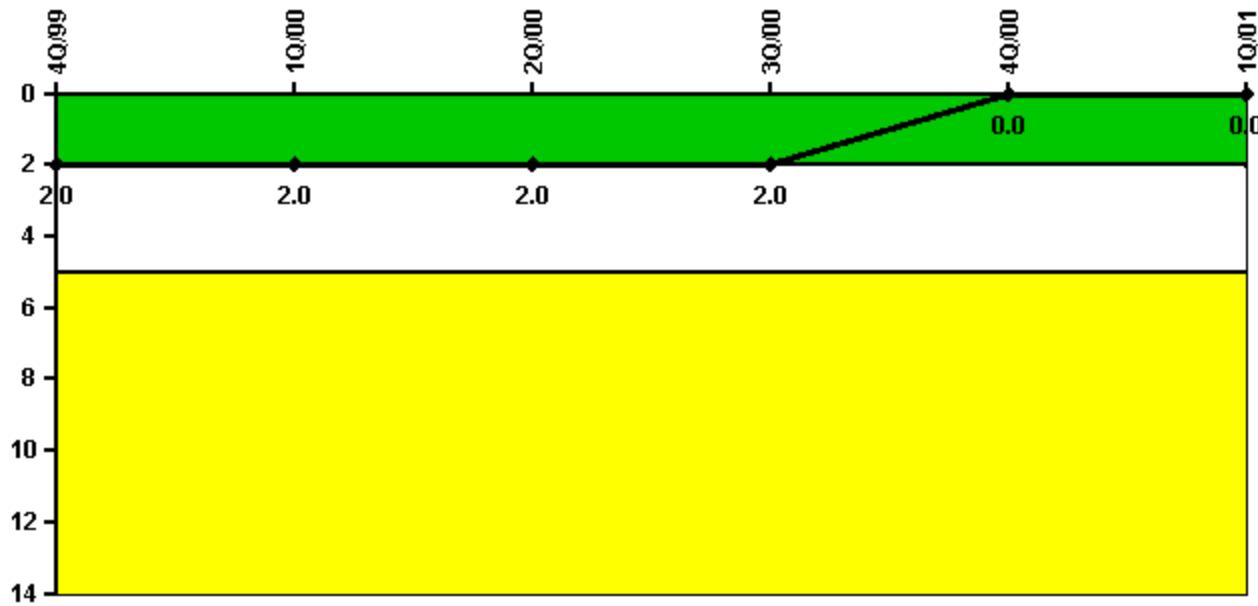
**Alert & Notification System**

Thresholds: White < 94.0% Yellow < 90.0%

**Notes**

| Alert & Notification System | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 |
|-----------------------------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests      | 2097  | 2143  | 2129  | 2093  | 2117  | 2140  |
| Total sirens-tests          | 2142  | 2176  | 2176  | 2142  | 2142  | 2176  |
| Indicator value             | 98.1% | 97.9% | 98.2% | 98.0% | 98.2% | 98.2% |

Licensee Comments: none

**Occupational Exposure Control Effectiveness**

Thresholds: White > 2.0 Yellow > 5.0

**Notes**

| Occupational Exposure Control Effectiveness | 4Q/99    | 1Q/00    | 2Q/00    | 3Q/00    | 4Q/00    | 1Q/01    |
|---|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 2        | 0        | 0        | 0        | 0        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>2</b> | <b>2</b> | <b>2</b> | <b>2</b> | <b>0</b> | <b>0</b> |

Licensee Comments: none

**RETS/ODCM Radiological Effluent**

Thresholds: White > 1.0 Yellow > 3.0

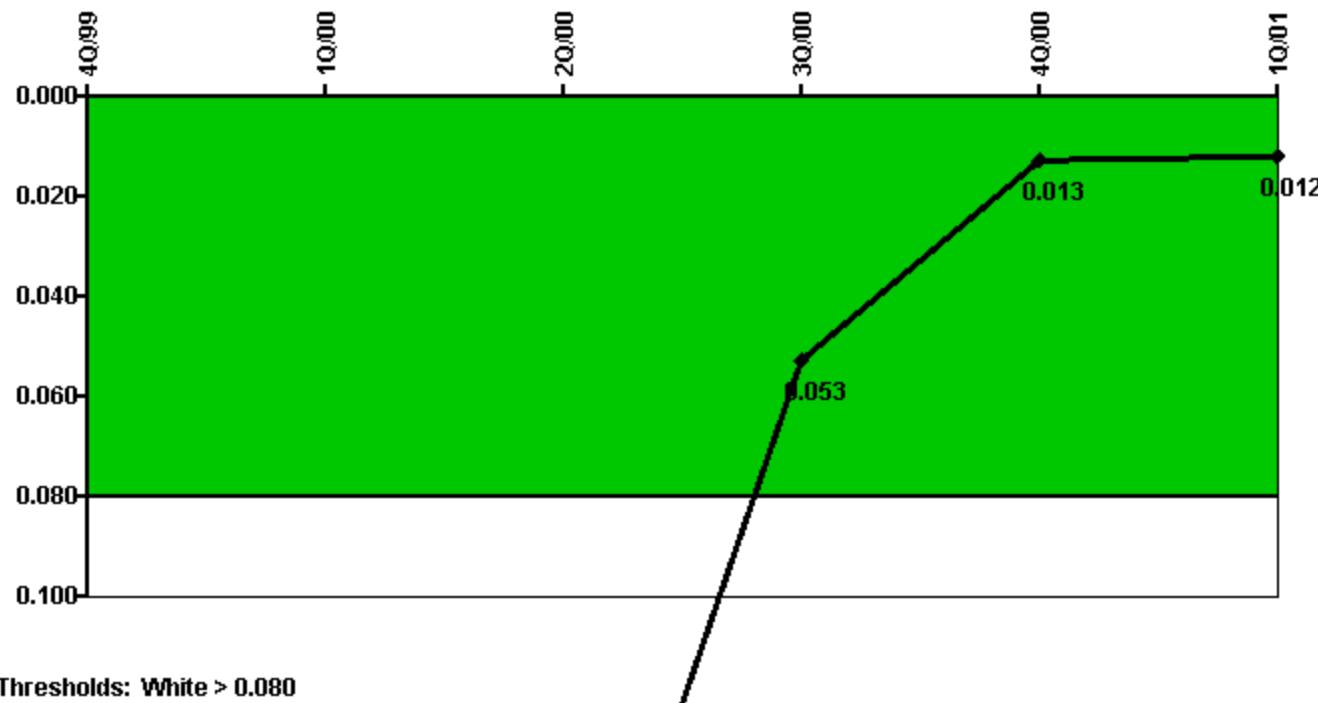
**Notes**

| RETS/ODCM Radiological Effluent | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 |
|---------------------------------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences           | 0     | 0     | 0     | 0     | 0     | 0     |
|                                 |       |       |       |       |       |       |
| Indicator value                 | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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### Protected Area Security Performance Index



### Notes

| Protected Area Security Performance Index | 4Q/99        | 1Q/00        | 2Q/00        | 3Q/00        | 4Q/00        | 1Q/01        |
|---|--------------|--------------|--------------|--------------|--------------|--------------|
| IDS compensatory hours                    | 657.40       | 81.30        | 12.60        | 30.50        | 31.30        | 75.10        |
| CCTV compensatory hours                   | 205.1        | 9.6          | 32.0         | 30.7         | 20.0         | 0            |
| IDS normalization factor                  | 1.20         | 1.20         | 1.20         | 1.20         | 1.20         | 1.20         |
| CCTV normalization factor                 | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          |
|   |              |              |              |              |              |              |
| <b>Index Value</b>                        | <b>0.353</b> | <b>0.289</b> | <b>0.190</b> | <b>0.053</b> | <b>0.013</b> | <b>0.012</b> |

Licensee Comments: none

### Personnel Screening Program



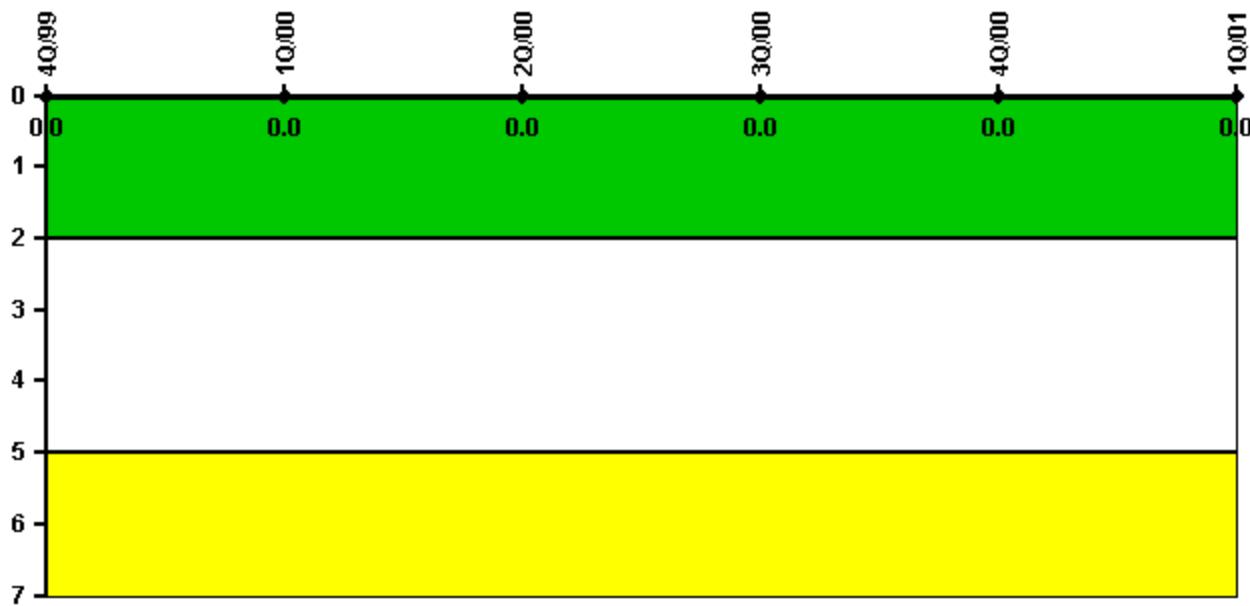
Thresholds: White > 2.0 Yellow > 5.0

#### Notes

| Personnel Screening Program | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 |
|-----------------------------|-------|-------|-------|-------|-------|-------|
| Program failures            | 0     | 0     | 0     | 0     | 0     | 0     |
|                             |       |       |       |       |       |       |
| Indicator value             | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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**FFD/Personnel Reliability**

Thresholds: White > 2.0 Yellow > 5.0

**Notes**

| FFD/Personnel Reliability | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 |
|---------------------------|-------|-------|-------|-------|-------|-------|
| Program Failures          | 0     | 0     | 0     | 0     | 0     | 0     |
|                           |       |       |       |       |       |       |
| Indicator value           | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

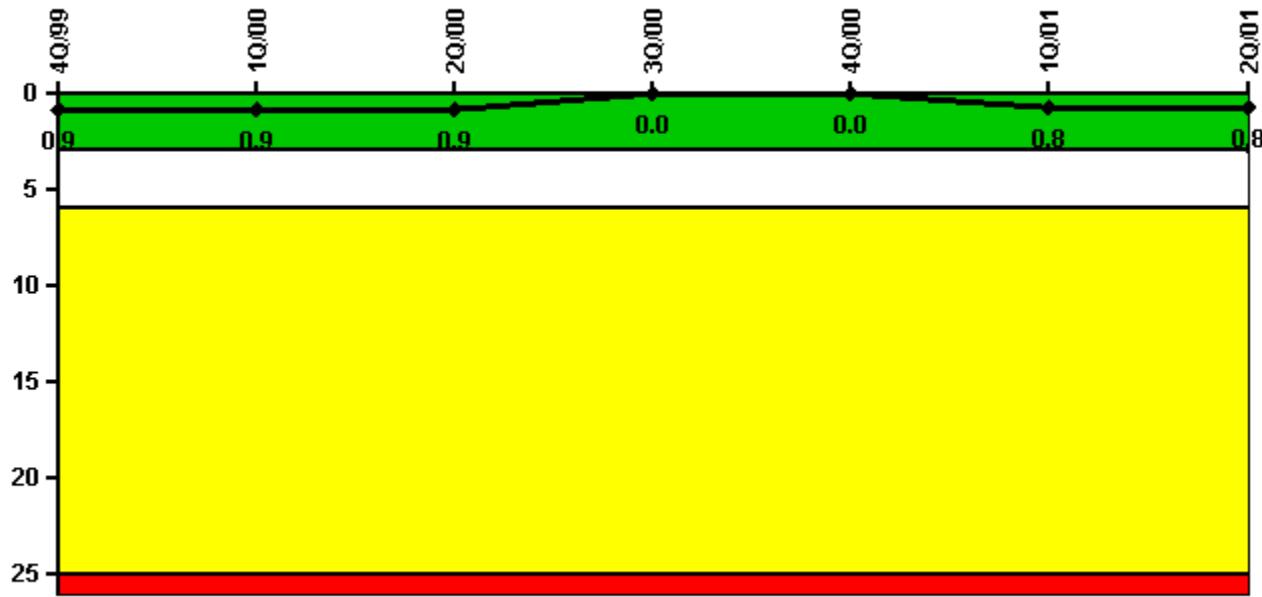


[PI Summary](#) | [Inspection Findings Summary](#) | [Action Matrix Summary](#) | [Reactor Oversight Process](#)

Last Modified: March 28, 2002

**La Salle 1****2Q/2001 Performance Indicators**

Licensee's General Comments: none

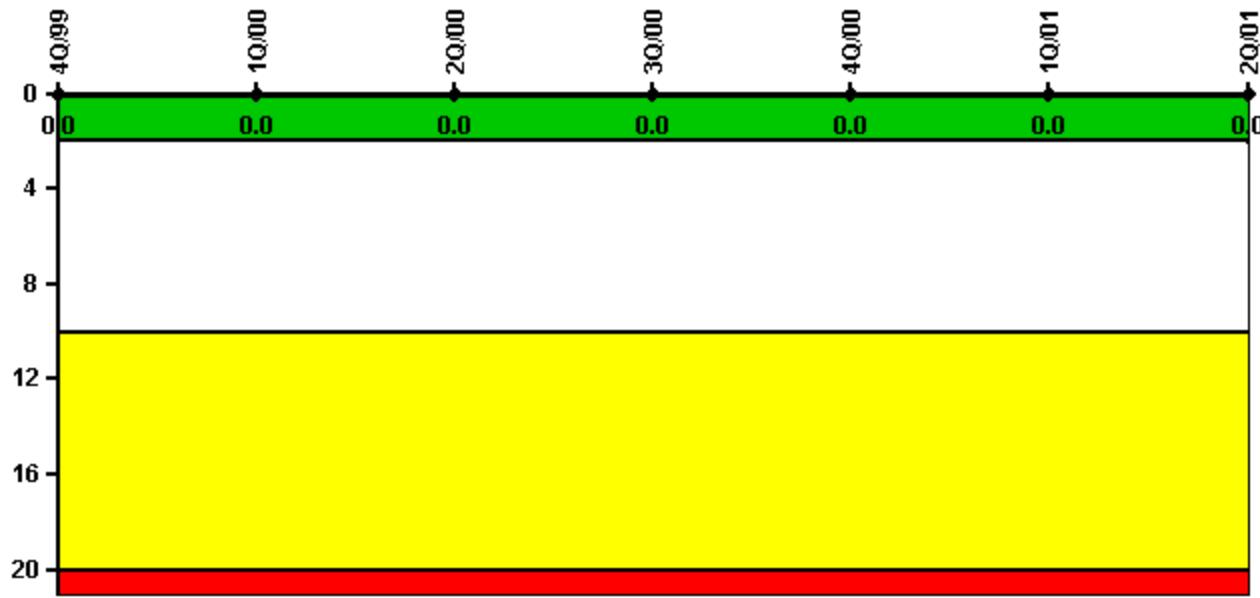
**Unplanned Scrams per 7000 Critical Hrs**

Thresholds: White &gt; 3.0 Yellow &gt; 6.0 Red &gt; 25.0

**Notes**

| Unplanned Scrams per 7000 Critical Hrs | 4Q/99  | 1Q/00  | 2Q/00  | 3Q/00  | 4Q/00  | 1Q/01  | 2Q/01  |
|--|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 0      | 0      | 0      | 0      | 1.0    | 0      |
| Critical hours                         | 1509.8 | 2184.0 | 2183.0 | 2208.0 | 2209.0 | 2123.4 | 2183.0 |
| Indicator value                        | 0.9    | 0.9    | 0.9    | 0      | 0      | 0.8    | 0.8    |

Licensee Comments: none

**Scrams with Loss of Normal Heat Removal**

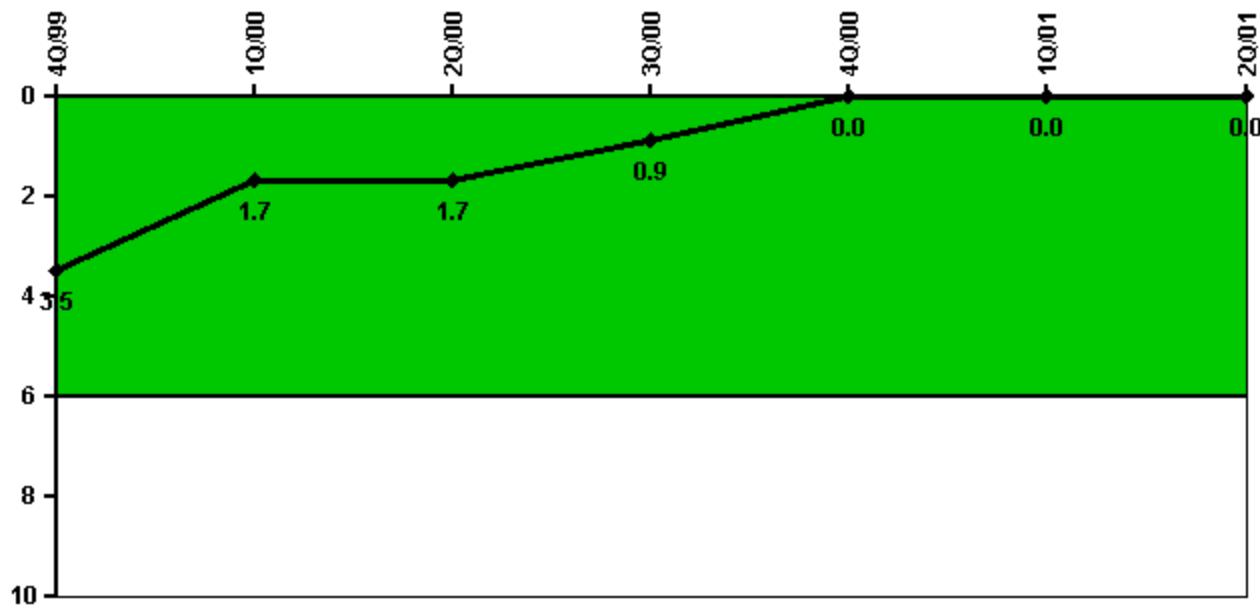
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

**Notes**

| Scrams with Loss of Normal Heat Removal | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 |
|---|-------|-------|-------|-------|-------|-------|-------|
| Scrams                                  | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
|   |       |       |       |       |       |       |       |
| Indicator value                         | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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**Unplanned Power Changes per 7000 Critical Hrs**

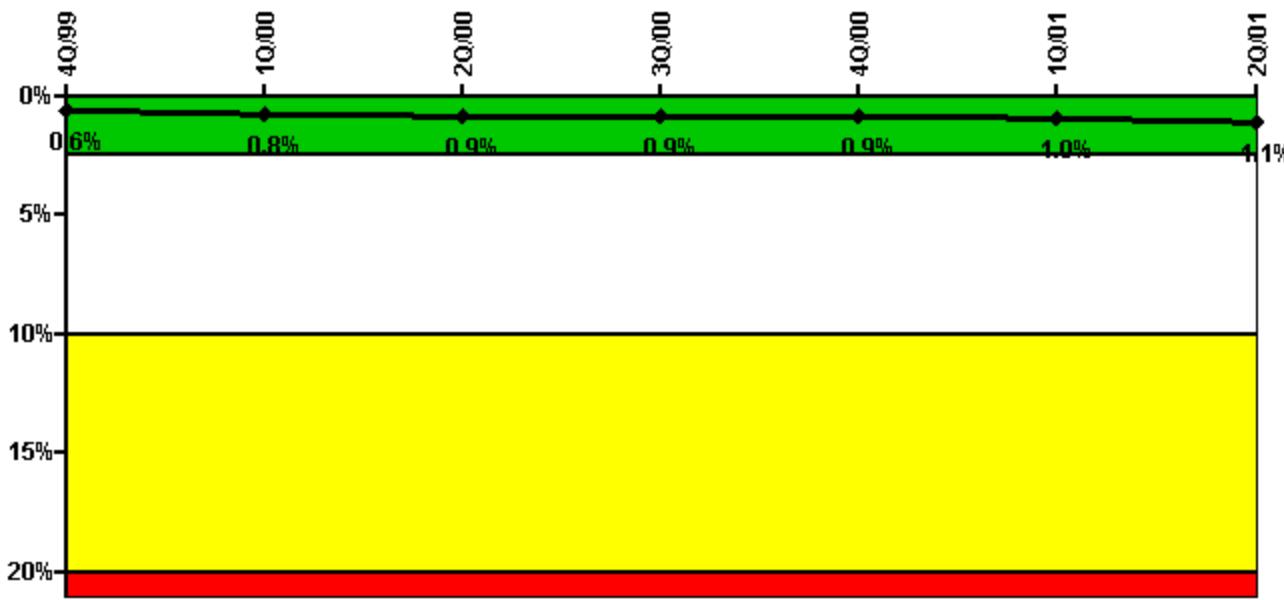
Thresholds: White > 6.0

**Notes**

| Unplanned Power Changes per 7000 Critical Hrs | 4Q/99  | 1Q/00  | 2Q/00  | 3Q/00  | 4Q/00  | 1Q/01  | 2Q/01  |
|---|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes                       | 1.0    | 0      | 0      | 0      | 0      | 0      | 0      |
| Critical hours                                | 1509.8 | 2184.0 | 2183.0 | 2208.0 | 2209.0 | 2123.4 | 2183.0 |
| Indicator value                               | 3.5    | 1.7    | 1.7    | 0.9    | 0      | 0      | 0      |

Licensee Comments: none

## Safety System Unavailability, Emergency AC Power, >2EDG



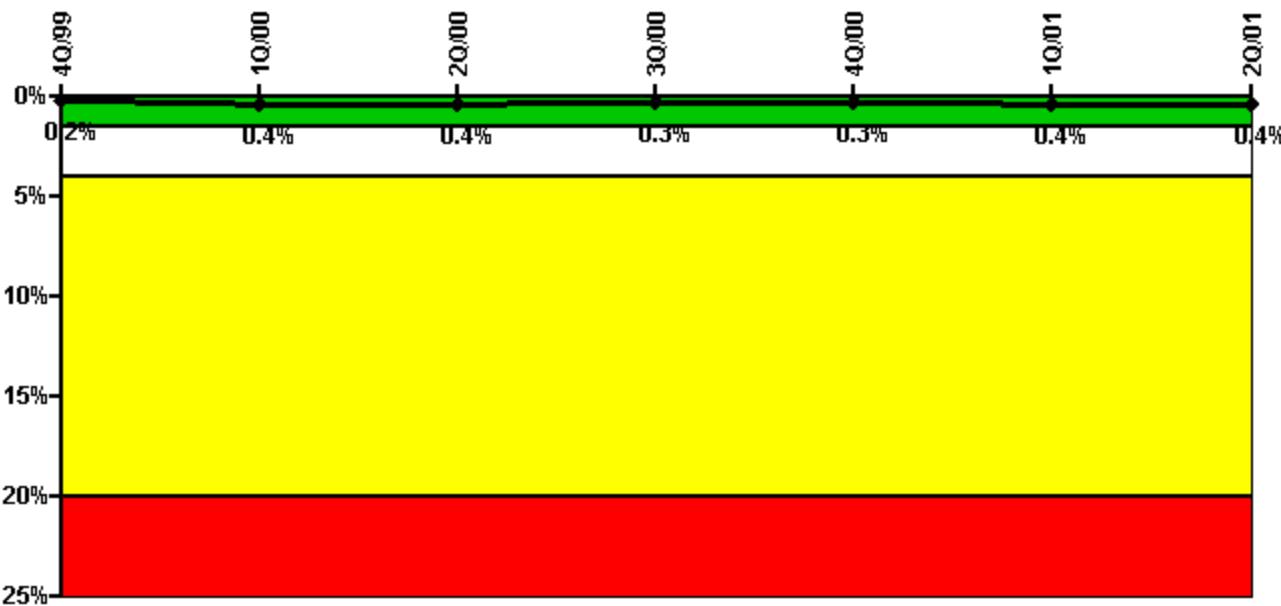
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

### Notes

| <b>Safety System Unavailability, Emergency AC Power, &gt;2EDG</b> |  | <b>4Q/99</b> | <b>1Q/00</b> | <b>2Q/00</b> | <b>3Q/00</b> | <b>4Q/00</b> | <b>1Q/01</b> | <b>2Q/01</b> |
|---|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <b>Train 1</b>  |  |              |              |              |              |              |              |              |
| Planned unavailable hours   |  | 134.30       | 40.35        | 0.85         | 9.73         | 18.22        | 26.20        | 0.75         |
| Unplanned unavailable hours                                       |  | 0            | 0            | 17.00        | 0            | 0.75         | 23.43        | 0            |
| Fault exposure hours  |  | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| Effective Reset hours   |  | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| Required hours  |  | 2209.00      | 2184.00      | 2183.00      | 2208.00      | 2209.00      | 2160.00      | 2183.00      |
| <b>Train 2</b>  |  |              |              |              |              |              |              |              |
| Planned unavailable hours   |  | 1.30         | 39.57        | 1.05         | 5.93         | 1.00         | 30.63        | 0.75         |
| Unplanned unavailable hours                                       |  | 0            | 5.77         | 0            | 0            | 0            | 0            | 0            |
| Fault exposure hours  |  | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| Effective Reset hours   |  | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| Required hours  |  | 2209.00      | 2184.00      | 2183.00      | 2208.00      | 2209.00      | 2160.00      | 2183.00      |
| <b>Train 3</b>  |  |              |              |              |              |              |              |              |
| Planned unavailable hours   |  | 13.20        | 32.75        | 43.90        | 0.75         | 2.31         | 35.55        | 29.52        |
| Unplanned unavailable hours                                       |  | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| Fault exposure hours  |  | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| Effective Reset hours   |  | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| Required hours  |  | 2209.00      | 2184.00      | 2183.00      | 2208.00      | 2209.00      | 2160.00      | 2183.00      |
| <b>Indicator value</b>  |  | <b>0.6%</b>  | <b>0.8%</b>  | <b>0.9%</b>  | <b>0.9%</b>  | <b>0.9%</b>  | <b>1.0%</b>  | <b>1.1%</b>  |

Licensee Comments: none

## Safety System Unavailability, High Pressure Injection System (HPCS)



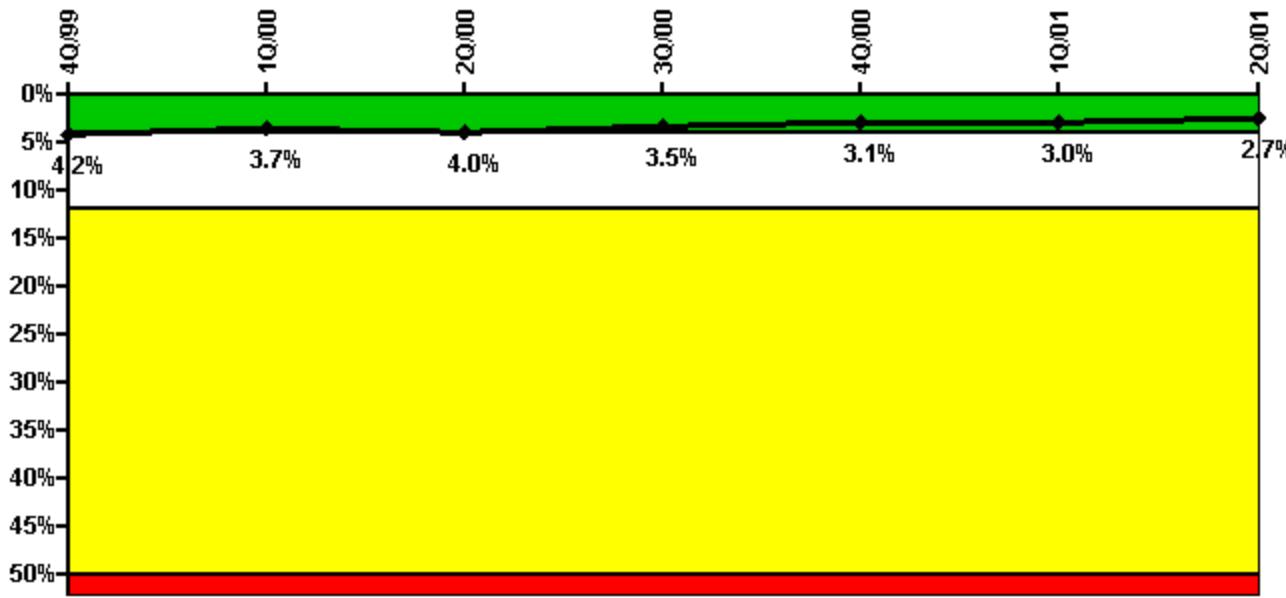
Thresholds: White > 1.5% Yellow > 4.0% Red > 20.0%

### Notes

| Safety System Unavailability, High Pressure Injection System (HPCS) | 4Q/99       | 1Q/00       | 2Q/00       | 3Q/00       | 4Q/00       | 1Q/01       | 2Q/01       |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>  |             |             |             |             |             |             |             |
| Planned unavailable hours   | 0           | 29.40       | 4.60        | 2.70        | 2.70        | 19.40       | 23.60       |
| Unplanned unavailable hours   | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Fault exposure hours  | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours   | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 1509.80     | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2123.40     | 2183.00     |
| <b>Indicator value</b>  | <b>0.2%</b> | <b>0.4%</b> | <b>0.4%</b> | <b>0.3%</b> | <b>0.3%</b> | <b>0.4%</b> | <b>0.4%</b> |

Licensee Comments: none

## Safety System Unavailability, Heat Removal System (RCIC)



Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

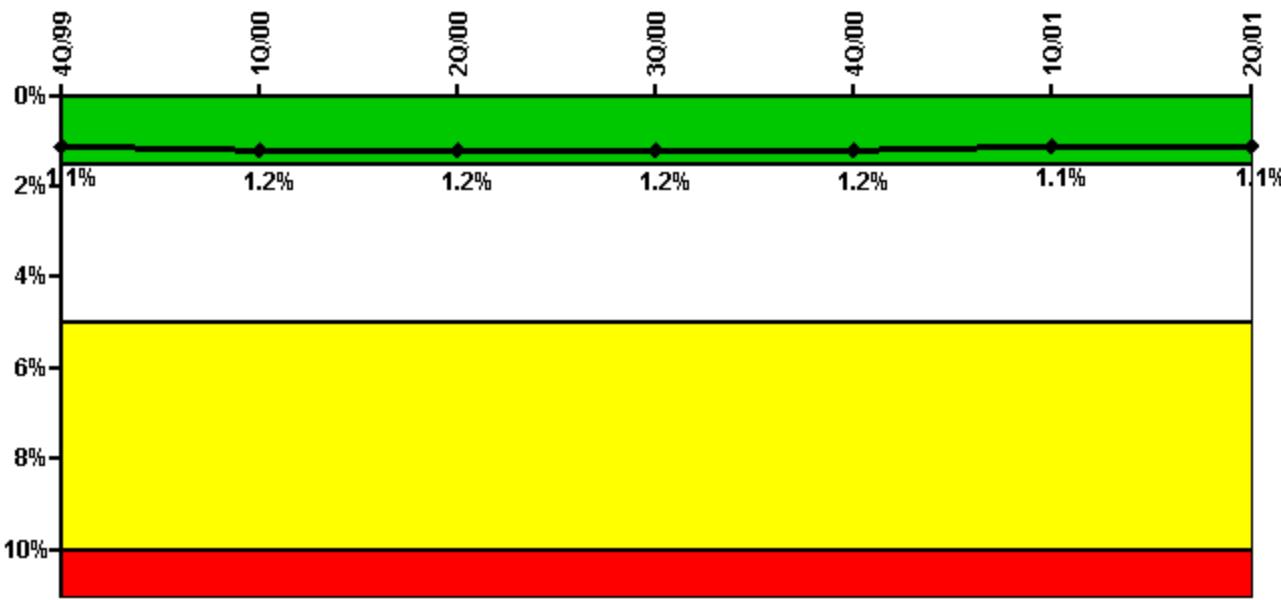
### Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 4Q/99       | 1Q/00       | 2Q/00       | 3Q/00       | 4Q/00       | 1Q/01       | 2Q/01       |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>   |             |             |             |             |             |             |             |
| Planned unavailable hours                                | 0           | 24.80       | 92.30       | 6.50        | 1.80        | 32.30       | 3.10        |
| Unplanned unavailable hours                              | 5.90        | 0           | 20.40       | 0           | 0           | 0           | 0           |
| Fault exposure hours                                     | 0           | 0           | 5.40        | 0           | 0           | 0           | 0           |
| Effective Reset hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 1509.80     | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2123.40     | 2183.00     |
| <b>Indicator value</b>                                   | <b>4.2%</b> | <b>3.7%</b> | <b>4.0%</b> | <b>3.5%</b> | <b>3.1%</b> | <b>3.0%</b> | <b>2.7%</b> |

Licensee Comments:

1Q/01: 3.3 hour discrepancy found in January data for planned unavailable hours. Error found during Ops. log review. Procedure change to incorporate improved Tech. Specs. added a quarterly surveillance not previously required that makes RCIC unavailable during surveillance.

## Safety System Unavailability, Residual Heat Removal System

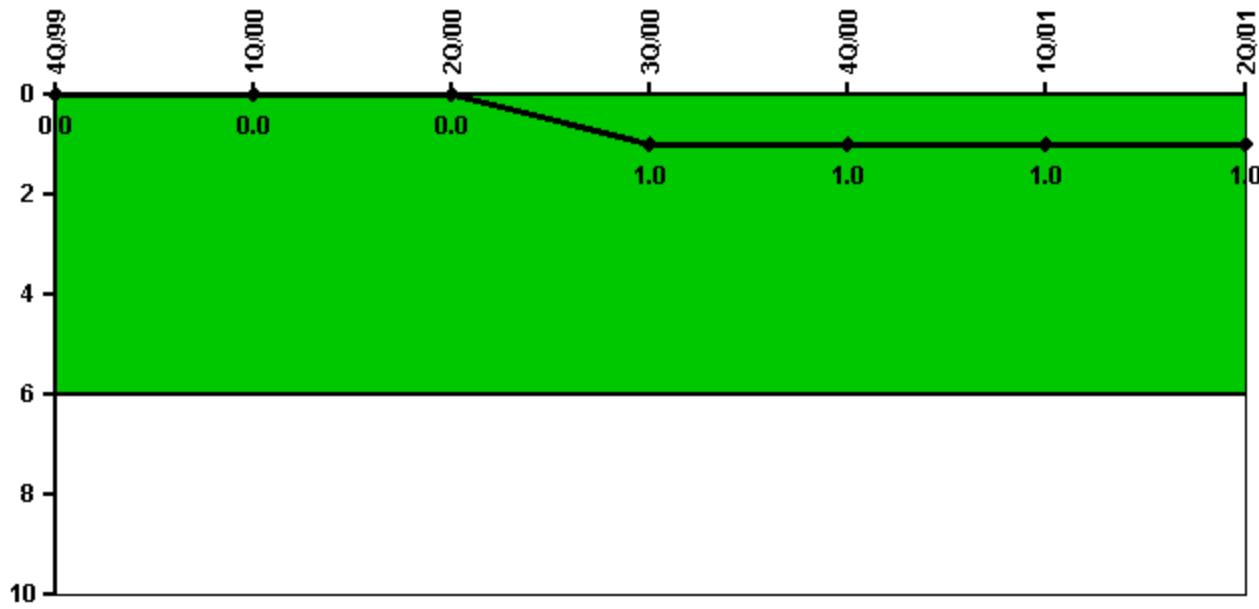


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

### Notes

| <b>Safety System Unavailability, Residual Heat Removal System</b> |  | <b>4Q/99</b> | <b>1Q/00</b> | <b>2Q/00</b> | <b>3Q/00</b> | <b>4Q/00</b> | <b>1Q/01</b> | <b>2Q/01</b> |
|---|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <b>Train 1</b>  |  |              |              |              |              |              |              |              |
| Planned unavailable hours   |  | 14.20        | 29.90        | 39.40        | 2.60         | 0            | 41.40        | 0            |
| Unplanned unavailable hours                                       |  | 0            | 0            | 0            | 0            | 0            | 30.70        | 0            |
| Fault exposure hours  |  | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| Effective Reset hours   |  | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| Required hours  |  | 2209.00      | 2184.00      | 2183.00      | 2208.00      | 2209.00      | 2160.00      | 2183.00      |
| <b>Train 2</b>  |  |              |              |              |              |              |              |              |
| Planned unavailable hours   |  | 128.00       | 20.90        | 9.10         | 0.70         | 0            | 20.80        | 0            |
| Unplanned unavailable hours                                       |  | 183.20       | 0            | 0            | 4.60         | 0            | 0            | 0            |
| Fault exposure hours  |  | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| Effective Reset hours   |  | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| Required hours  |  | 2209.00      | 2184.00      | 2183.00      | 2208.00      | 2209.00      | 2160.00      | 2183.00      |
| <b>Indicator value</b>  |  | <b>1.1%</b>  | <b>1.2%</b>  | <b>1.2%</b>  | <b>1.2%</b>  | <b>1.2%</b>  | <b>1.1%</b>  | <b>1.1%</b>  |

Licensee Comments: none

**Safety System Functional Failures (BWR)**

Thresholds: White > 6.0

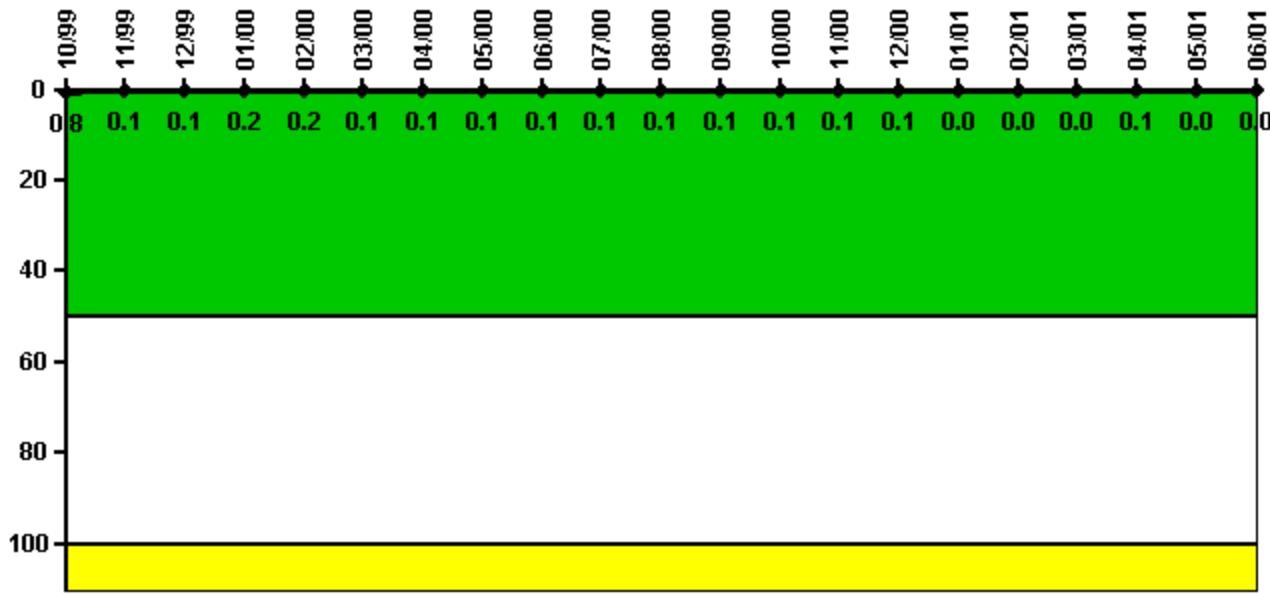
**Notes**

| Safety System Functional Failures (BWR) | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 |
|---|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures       | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
|   |       |       |       |       |       |       |       |
| Indicator value                         | 0     | 0     | 0     | 1     | 1     | 1     | 1     |

Licensee Comments:

3Q/00: July 2000 SSFF missed in initial review. Issue found by NRC Resident Inspector.

### Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

#### Notes

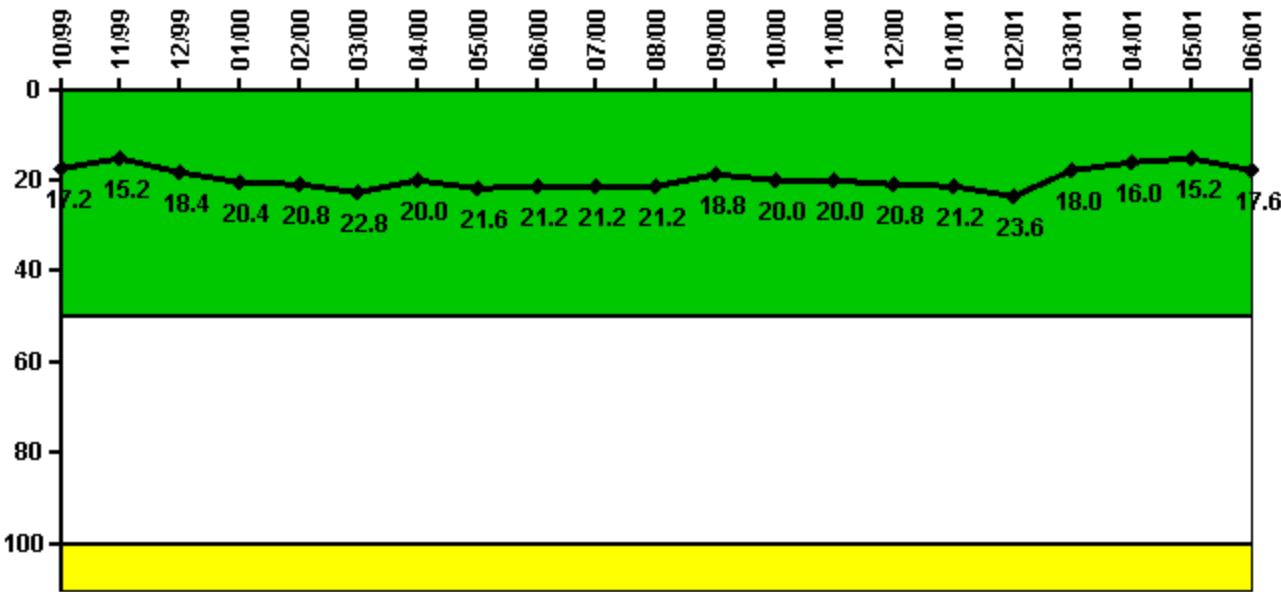
| Reactor Coolant System Activity | 10/99      | 11/99      | 12/99      | 1/00       | 2/00       | 3/00       | 4/00       | 5/00       | 6/00       | 7/00       | 8/00       | 9/00       |
|---------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Maximum activity                | 0.001680   | 0.000170   | 0.000230   | 0.000390   | 0.000490   | 0.000160   | 0.000250   | 0.000150   | 0.000200   | 0.000120   | 0.000120   | 0.000130   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| Indicator value                 | <b>0.8</b> | <b>0.1</b> | <b>0.1</b> | <b>0.2</b> | <b>0.2</b> | <b>0.1</b> |

| Reactor Coolant System Activity | 10/00      | 11/00      | 12/00      | 1/01     | 2/01     | 3/01     | 4/01       | 5/01     | 6/01     |
|---------------------------------|------------|------------|------------|----------|----------|----------|------------|----------|----------|
| Maximum activity                | 0.000100   | 0.000100   | 0.000100   | 0.000087 | 0.000086 | 0.000095 | 0.000110   | 0.000096 | 0.000096 |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2      | 0.2      | 0.2      | 0.2        | 0.2      | 0.2      |
| Indicator value                 | <b>0.1</b> | <b>0.1</b> | <b>0.1</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0.1</b> | <b>0</b> | <b>0</b> |

Licensee Comments: none

### Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

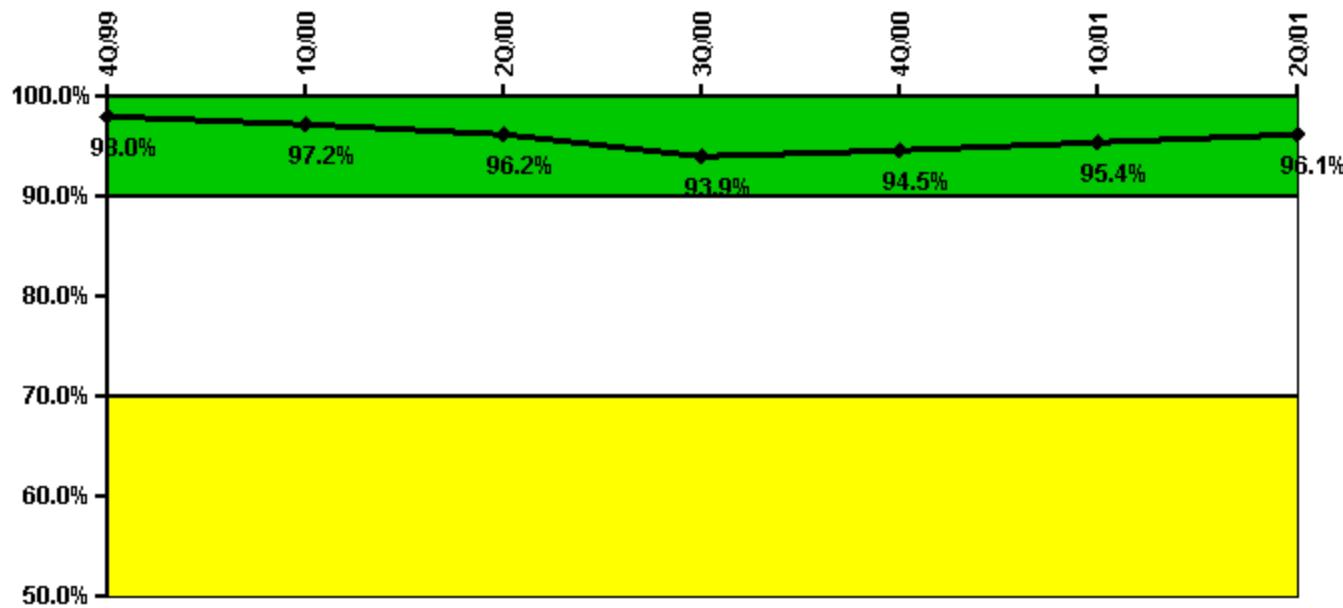
#### Notes

| Reactor Coolant System Leakage | 10/99 | 11/99 | 12/99 | 1/00  | 2/00  | 3/00  | 4/00  | 5/00  | 6/00  | 7/00  | 8/00  | 9/00  |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage                | 4.300 | 3.800 | 4.600 | 5.100 | 5.200 | 5.700 | 5.000 | 5.400 | 5.300 | 5.300 | 5.300 | 4.700 |
| Technical specification limit  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  |
| Indicator value                | 17.2  | 15.2  | 18.4  | 20.4  | 20.8  | 22.8  | 20.0  | 21.6  | 21.2  | 21.2  | 21.2  | 18.8  |

| Reactor Coolant System Leakage | 10/00 | 11/00 | 12/00 | 1/01  | 2/01  | 3/01  | 4/01  | 5/01  | 6/01  |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage                | 5.000 | 5.000 | 5.200 | 5.300 | 5.900 | 4.500 | 4.000 | 3.800 | 4.400 |
| Technical specification limit  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  |
| Indicator value                | 20.0  | 20.0  | 20.8  | 21.2  | 23.6  | 18.0  | 16.0  | 15.2  | 17.6  |

Licensee Comments: none

**Drill/Exercise Performance**

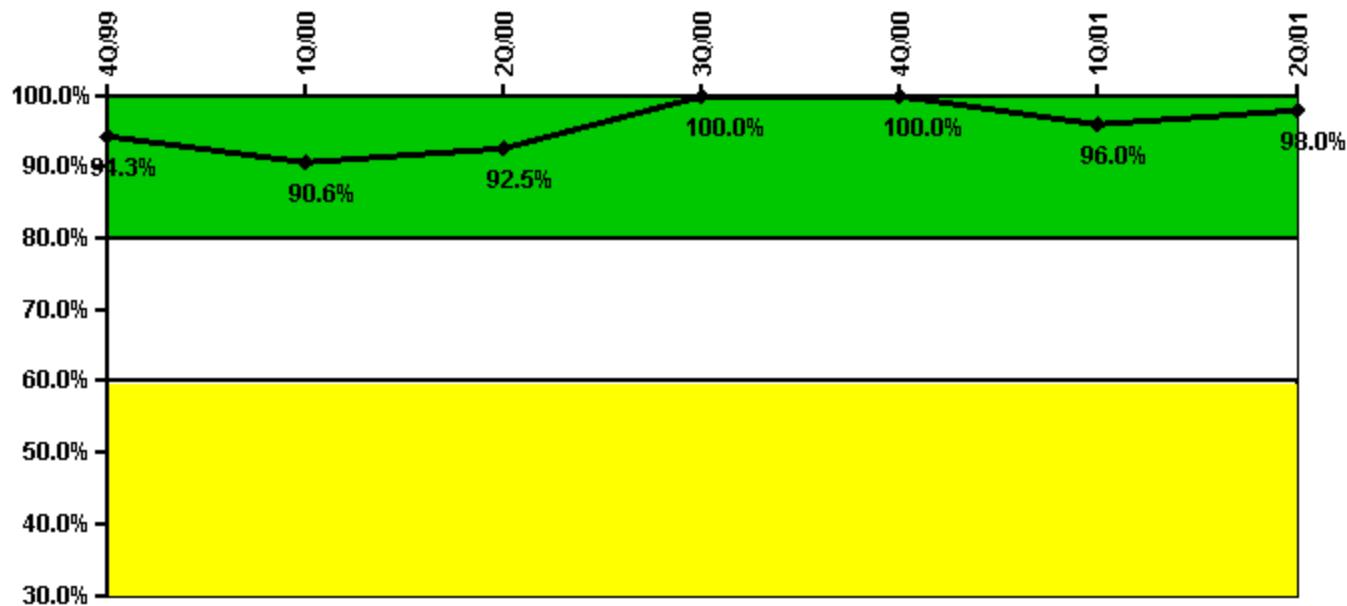
Thresholds: White < 90.0% Yellow < 70.0%

**Notes**

| Drill/Exercise Performance | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities   | 0     | 5.0   | 19.0  | 42.0  | 14.0  | 20.0  | 11.0  |
| Total opportunities        | 0     | 5.0   | 20.0  | 46.0  | 14.0  | 20.0  | 11.0  |
| Indicator value            | 98.0% | 97.2% | 96.2% | 93.9% | 94.5% | 95.4% | 96.1% |

Licensee Comments: none

### ERO Drill Participation



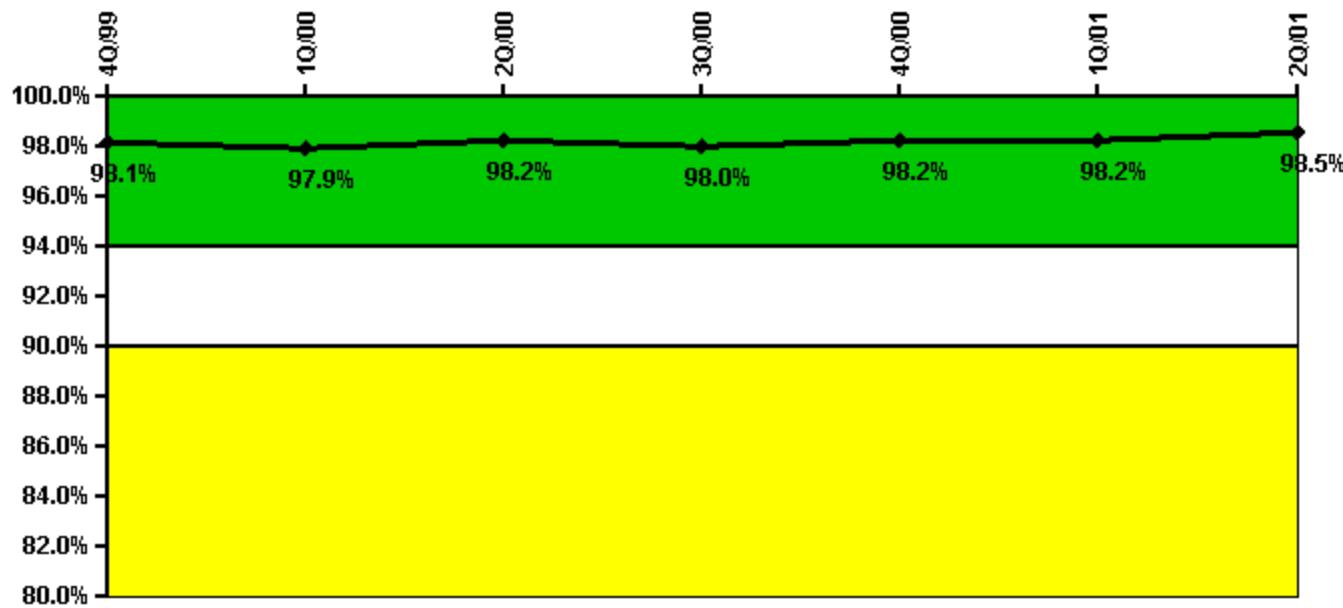
Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

| ERO Drill Participation     | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00  | 4Q/00  | 1Q/01 | 2Q/01 |
|-----------------------------|-------|-------|-------|--------|--------|-------|-------|
| Participating Key personnel | 50.0  | 48.0  | 49.0  | 56.0   | 51.0   | 48.0  | 48.0  |
| Total Key personnel         | 53.0  | 53.0  | 53.0  | 56.0   | 51.0   | 50.0  | 49.0  |
| Indicator value             | 94.3% | 90.6% | 92.5% | 100.0% | 100.0% | 96.0% | 98.0% |

Licensee Comments: none

### Alert & Notification System

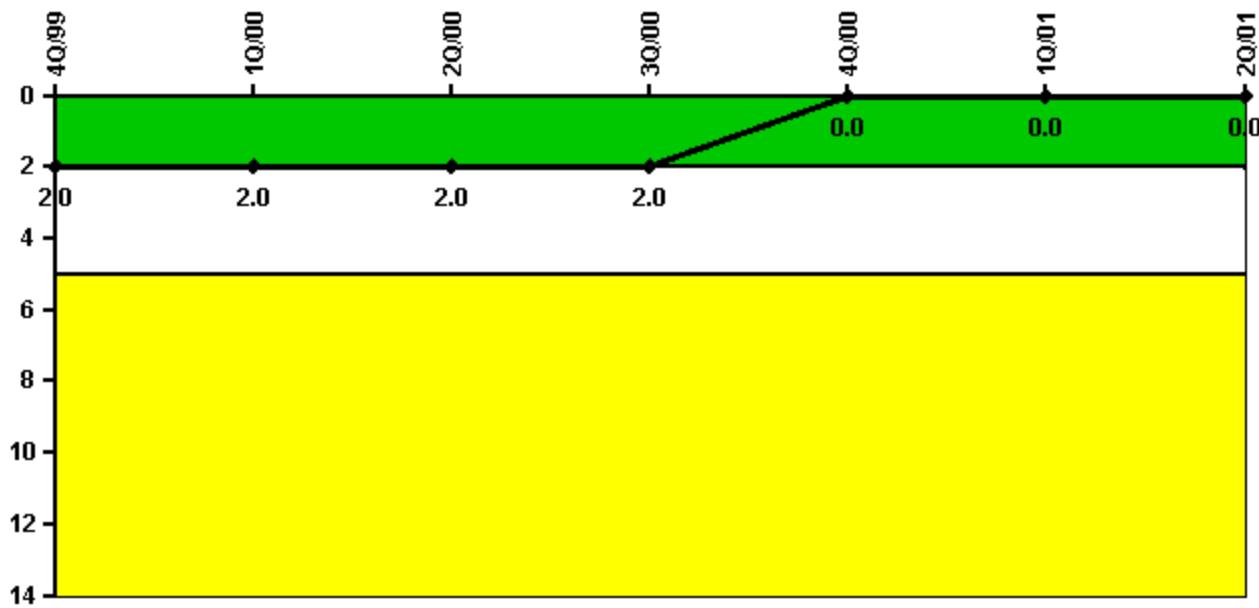


Thresholds: White < 94.0% Yellow < 90.0%

#### Notes

| Alert & Notification System | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests      | 2097  | 2143  | 2129  | 2093  | 2117  | 2140  | 2155  |
| Total sirens-tests          | 2142  | 2176  | 2176  | 2142  | 2142  | 2176  | 2176  |
| Indicator value             | 98.1% | 97.9% | 98.2% | 98.0% | 98.2% | 98.2% | 98.5% |

Licensee Comments: none

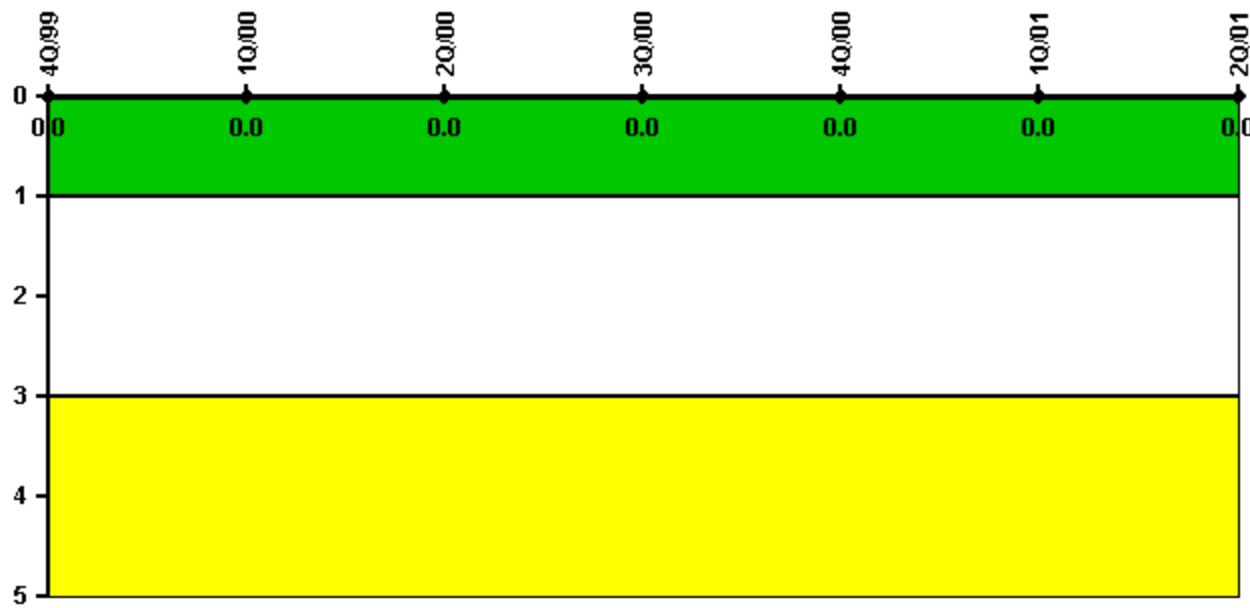
**Occupational Exposure Control Effectiveness**

Thresholds: White > 2.0 Yellow > 5.0

**Notes**

| Occupational Exposure Control Effectiveness | 4Q/99    | 1Q/00    | 2Q/00    | 3Q/00    | 4Q/00    | 1Q/01    | 2Q/01    |
|---|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 2        | 0        | 0        | 0        | 0        | 0        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>2</b> | <b>2</b> | <b>2</b> | <b>2</b> | <b>0</b> | <b>0</b> | <b>0</b> |

Licensee Comments: none

**RETS/ODCM Radiological Effluent**

Thresholds: White > 1.0 Yellow > 3.0

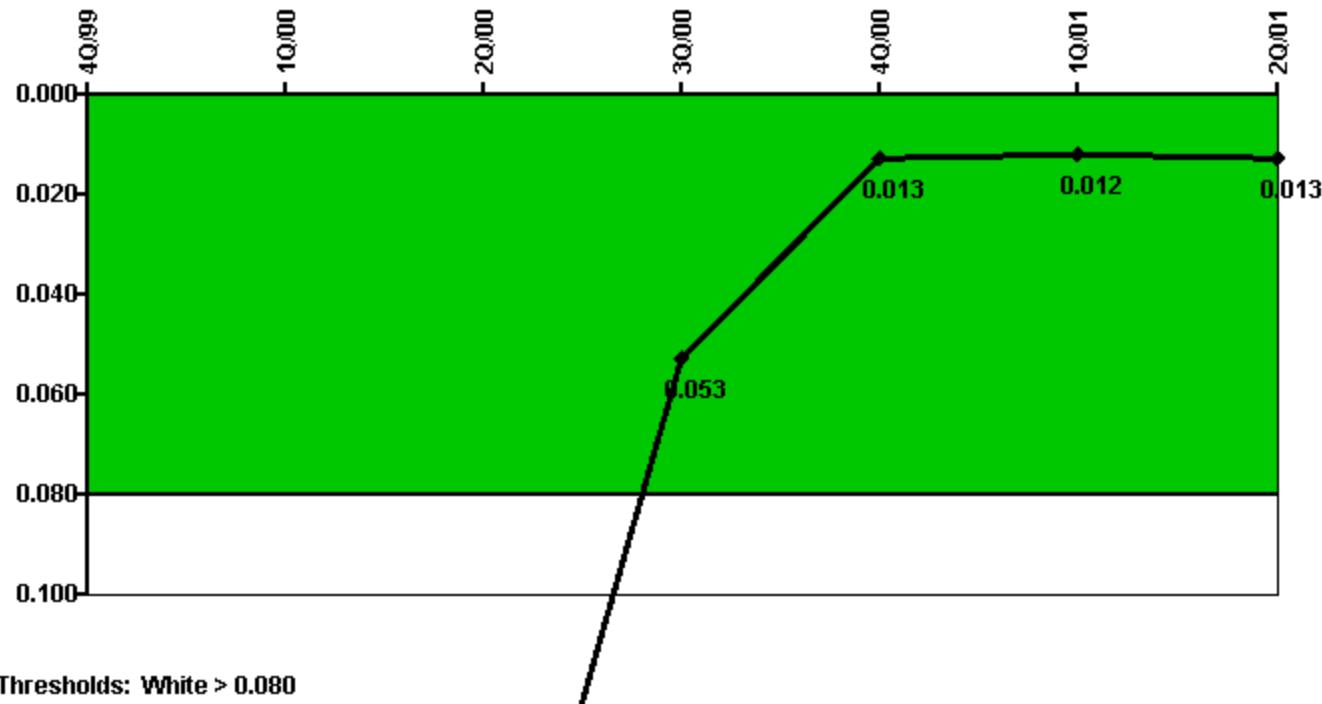
**Notes**

| RETS/ODCM Radiological Effluent | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences           | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
|                                 |       |       |       |       |       |       |       |
| Indicator value                 | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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### Protected Area Security Performance Index

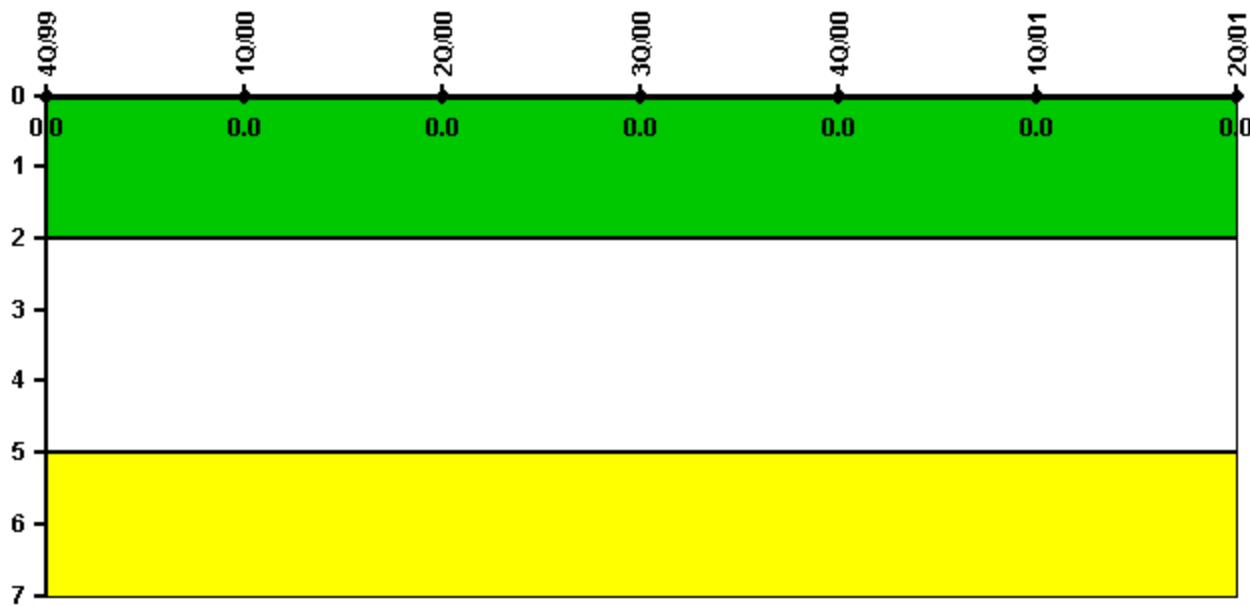


#### Notes

| Protected Area Security Performance Index | 4Q/99        | 1Q/00        | 2Q/00        | 3Q/00        | 4Q/00        | 1Q/01        | 2Q/01        |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| IDS compensatory hours                    | 657.40       | 81.30        | 12.60        | 30.50        | 31.30        | 75.10        | 51.60        |
| CCTV compensatory hours                   | 205.1        | 9.6          | 32.0         | 30.7         | 20.0         | 0            | 17.6         |
| IDS normalization factor                  | 1.20         | 1.20         | 1.20         | 1.20         | 1.20         | 1.20         | 1.20         |
| CCTV normalization factor                 | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          |
|   |              |              |              |              |              |              |              |
| <b>Index Value</b>                        | <b>0.353</b> | <b>0.289</b> | <b>0.190</b> | <b>0.053</b> | <b>0.013</b> | <b>0.012</b> | <b>0.013</b> |

Licensee Comments: none

### Personnel Screening Program



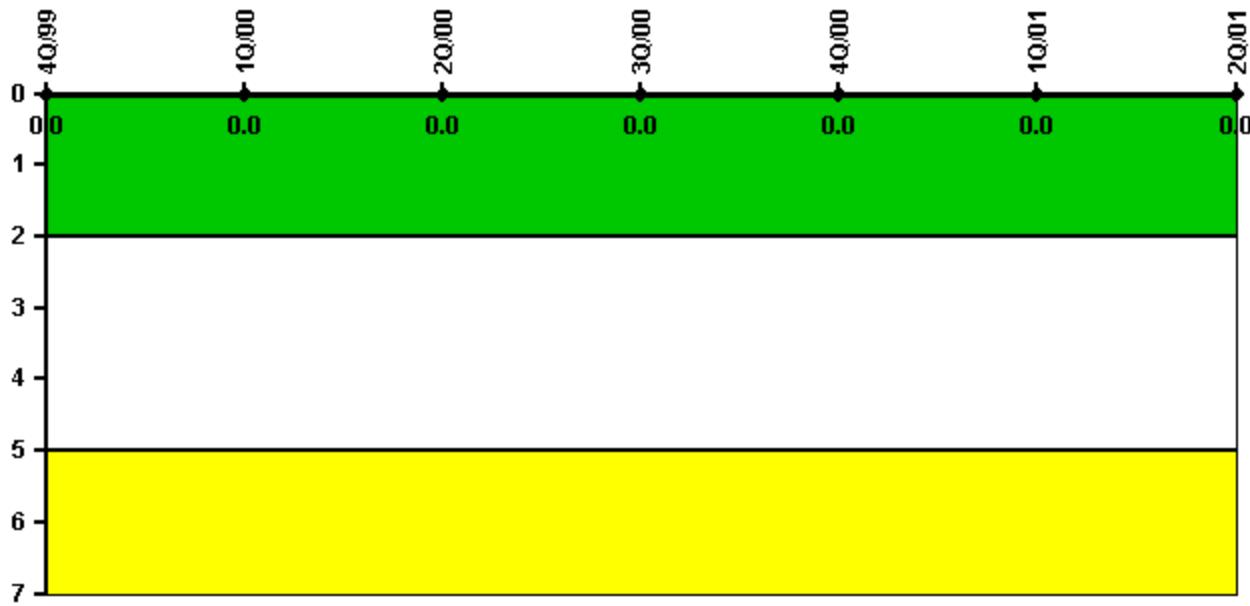
Thresholds: White > 2.0 Yellow > 5.0

#### Notes

| Personnel Screening Program | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|
| Program failures            | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
|                             |       |       |       |       |       |       |       |
| Indicator value             | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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**FFD/Personnel Reliability**

Thresholds: White > 2.0 Yellow > 5.0

**Notes**

| FFD/Personnel Reliability | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 |
|---------------------------|-------|-------|-------|-------|-------|-------|-------|
| Program Failures          | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
|                           |       |       |       |       |       |       |       |
| Indicator value           | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

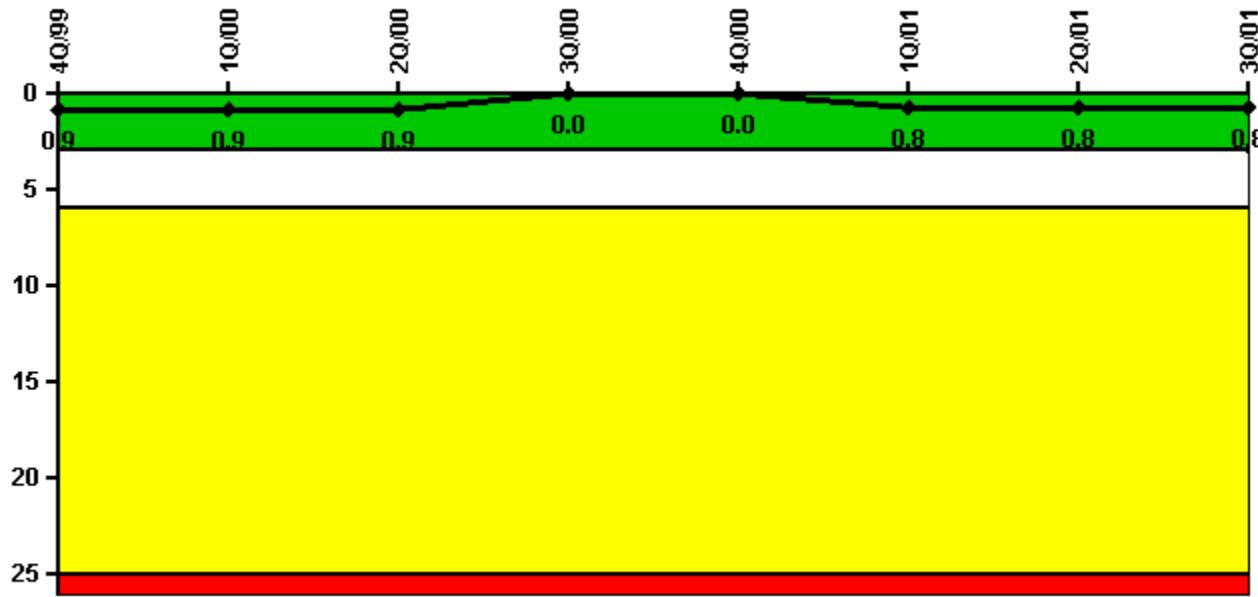


[PI Summary](#) | [Inspection Findings Summary](#) | [Action Matrix Summary](#) | [Reactor Oversight Process](#)

Last Modified: March 27, 2002

**La Salle 1****3Q/2001 Performance Indicators**

Licensee's General Comments: LaSalle Unit 1

**Unplanned Scrams per 7000 Critical Hrs**

Thresholds: White &gt; 3.0 Yellow &gt; 6.0 Red &gt; 25.0

**Notes**

| Unplanned Scrams per 7000 Critical Hrs | 4Q/99  | 1Q/00  | 2Q/00  | 3Q/00  | 4Q/00  | 1Q/01  | 2Q/01  | 3Q/01  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 0      | 0      | 0      | 0      | 1.0    | 0      | 0      |
| Critical hours                         | 1509.8 | 2184.0 | 2183.0 | 2208.0 | 2209.0 | 2123.4 | 2183.0 | 2208.0 |
| Indicator value                        | 0.9    | 0.9    | 0.9    | 0      | 0      | 0.8    | 0.8    | 0.8    |

Licensee Comments: none

**Scrams with Loss of Normal Heat Removal**

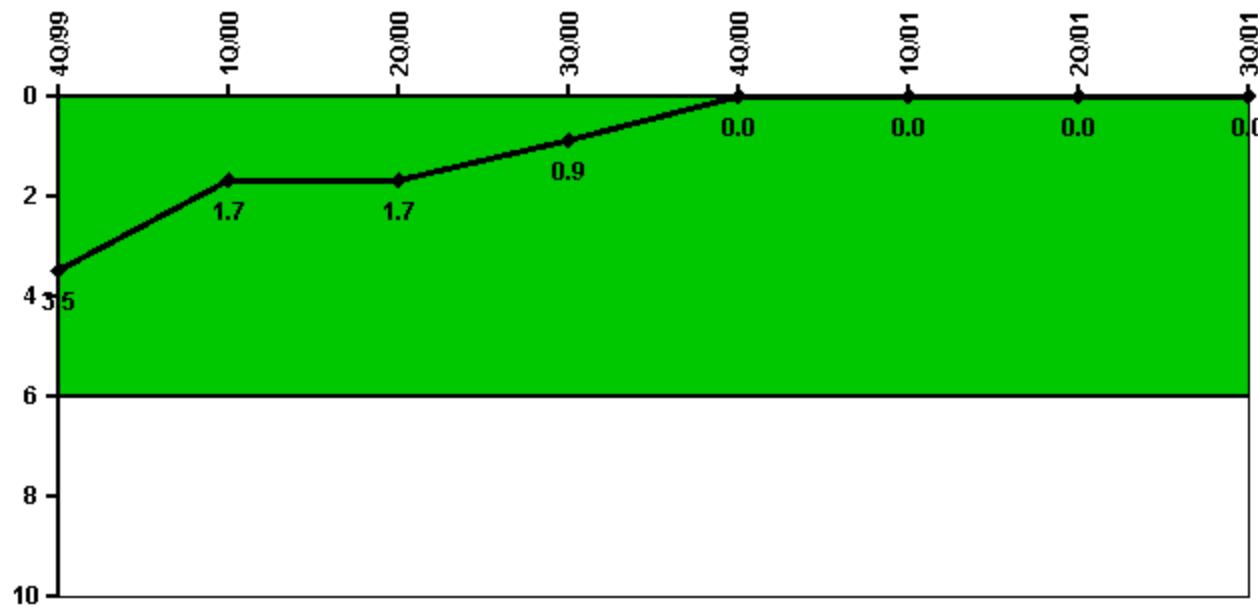
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

**Notes**

| Scrams with Loss of Normal Heat Removal | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams                                  | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
|   |       |       |       |       |       |       |       |       |
| Indicator value                         | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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**Unplanned Power Changes per 7000 Critical Hrs**

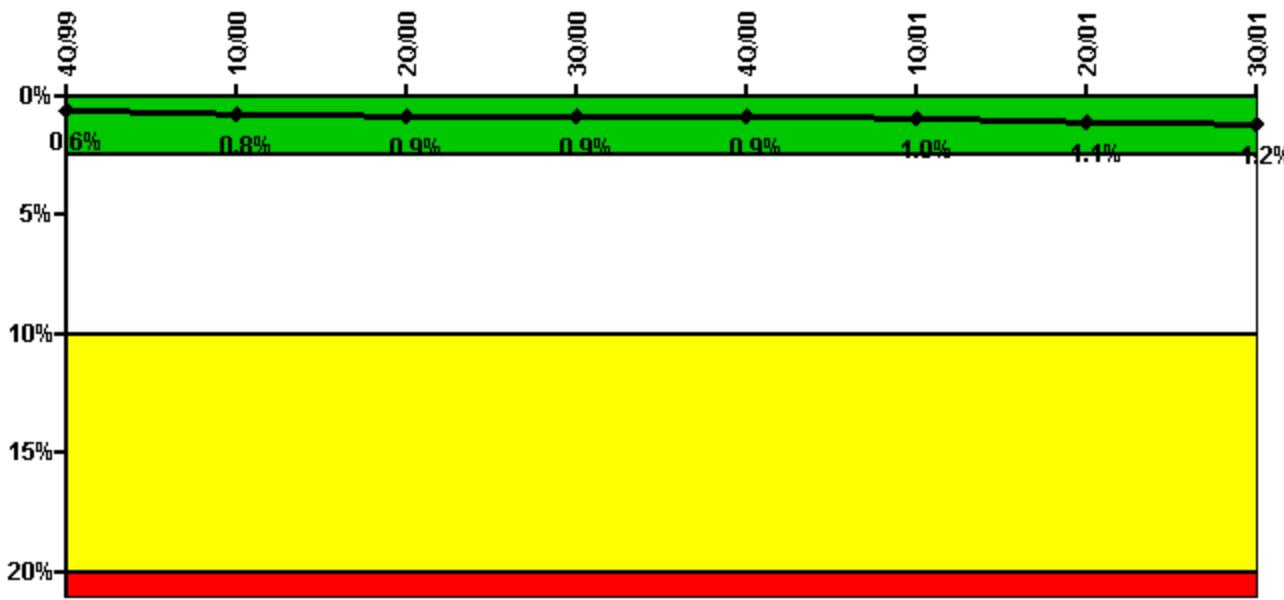
Thresholds: White > 6.0

**Notes**

| Unplanned Power Changes per 7000 Critical Hrs | 4Q/99  | 1Q/00  | 2Q/00  | 3Q/00  | 4Q/00  | 1Q/01  | 2Q/01  | 3Q/01  |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes                       | 1.0    | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Critical hours                                | 1509.8 | 2184.0 | 2183.0 | 2208.0 | 2209.0 | 2123.4 | 2183.0 | 2208.0 |
| Indicator value                               | 3.5    | 1.7    | 1.7    | 0.9    | 0      | 0      | 0      | 0      |

Licensee Comments: none

## Safety System Unavailability, Emergency AC Power, >2EDG



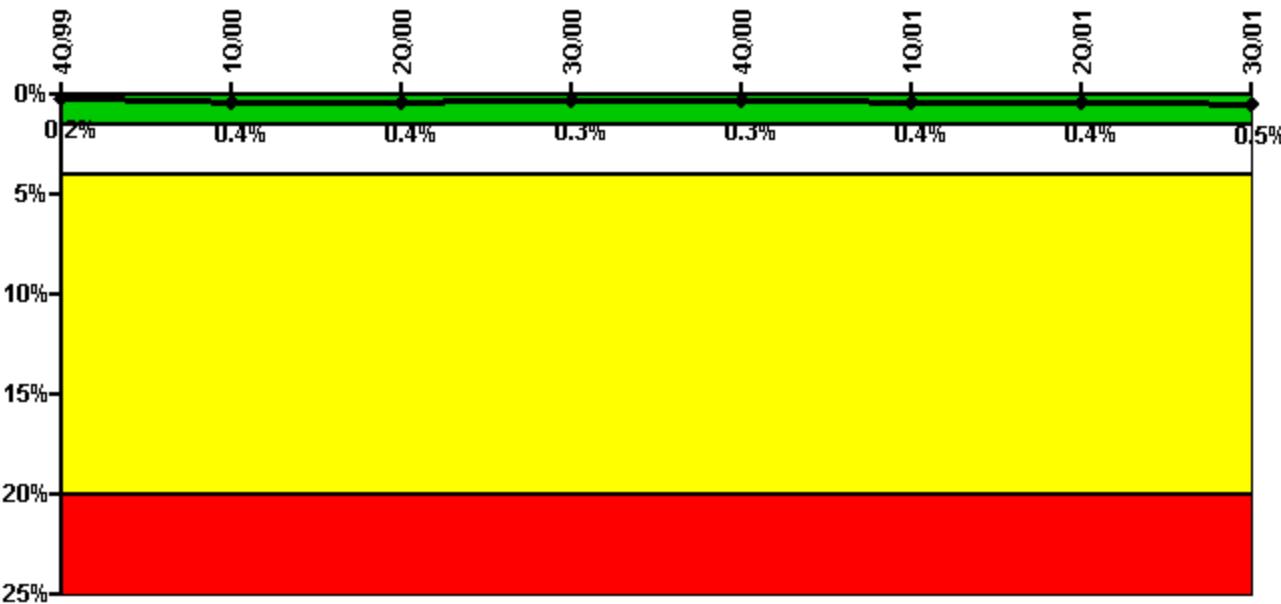
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

### Notes

| Safety System Unavailability, Emergency AC Power, >2EDG |  | 4Q/99       | 1Q/00       | 2Q/00       | 3Q/00       | 4Q/00       | 1Q/01       | 2Q/01       | 3Q/01       |
|---|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>  |  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               |  | 134.30      | 40.35       | 0.85        | 9.73        | 18.22       | 26.20       | 0.75        | 0.85        |
| Unplanned unavailable hours                             |  | 0           | 0           | 17.00       | 0           | 0.75        | 23.43       | 0           | 0           |
| Fault exposure hours                                    |  | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                   |  | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  |  | 2209.00     | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     |
| <b>Train 2</b>  |  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               |  | 1.30        | 39.57       | 1.05        | 5.93        | 1.00        | 30.63       | 0.75        | 1.25        |
| Unplanned unavailable hours                             |  | 0           | 5.77        | 0           | 0           | 0           | 0           | 0           | 0           |
| Fault exposure hours                                    |  | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                   |  | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  |  | 2209.00     | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     |
| <b>Train 3</b>  |  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               |  | 13.20       | 32.75       | 43.90       | 0.75        | 2.31        | 35.55       | 29.52       | 54.98       |
| Unplanned unavailable hours                             |  | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 22.27       |
| Fault exposure hours                                    |  | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                   |  | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  |  | 2209.00     | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     |
| <b>Indicator value</b>                                  |  | <b>0.6%</b> | <b>0.8%</b> | <b>0.9%</b> | <b>0.9%</b> | <b>0.9%</b> | <b>1.0%</b> | <b>1.1%</b> | <b>1.2%</b> |

Licensee Comments: none

## Safety System Unavailability, High Pressure Injection System (HPCS)



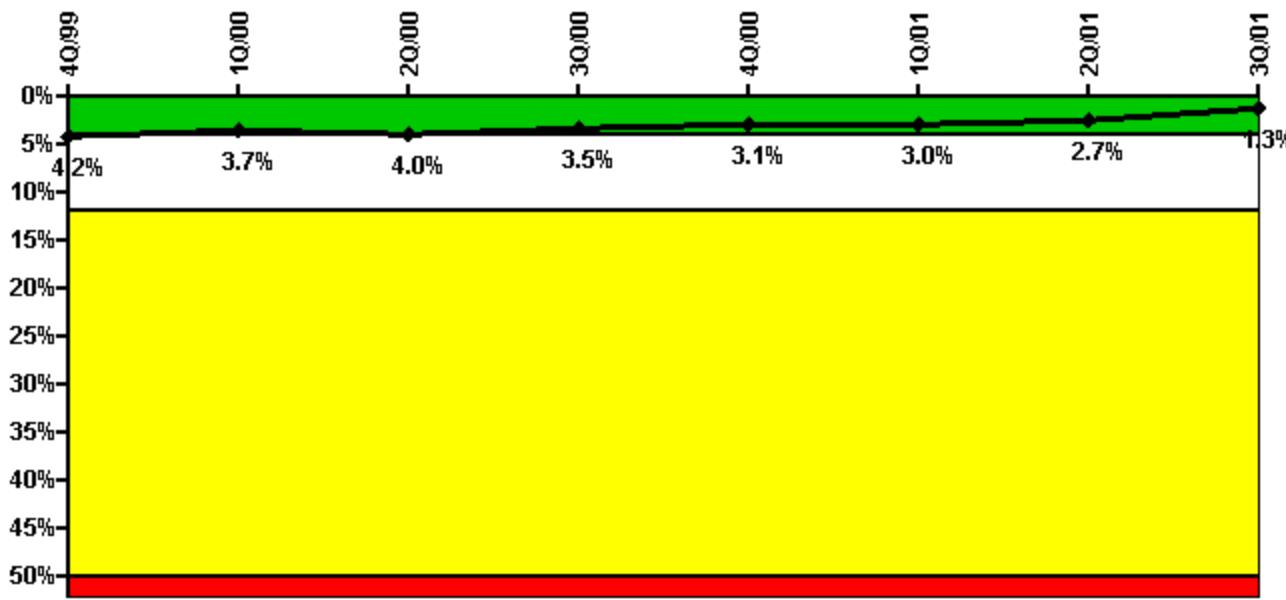
Thresholds: White > 1.5% Yellow > 4.0% Red > 20.0%

### Notes

| Safety System Unavailability, High Pressure Injection System (HPCS) | 4Q/99       | 1Q/00       | 2Q/00       | 3Q/00       | 4Q/00       | 1Q/01       | 2Q/01       | 3Q/01       |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours   | 0           | 29.40       | 4.60        | 2.70        | 2.70        | 19.40       | 23.60       | 24.50       |
| Unplanned unavailable hours   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Fault exposure hours  | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 1509.80     | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2123.40     | 2183.00     | 2208.00     |
| <b>Indicator value</b>  | <b>0.2%</b> | <b>0.4%</b> | <b>0.4%</b> | <b>0.3%</b> | <b>0.3%</b> | <b>0.4%</b> | <b>0.4%</b> | <b>0.5%</b> |

Licensee Comments: none

## Safety System Unavailability, Heat Removal System (RCIC)



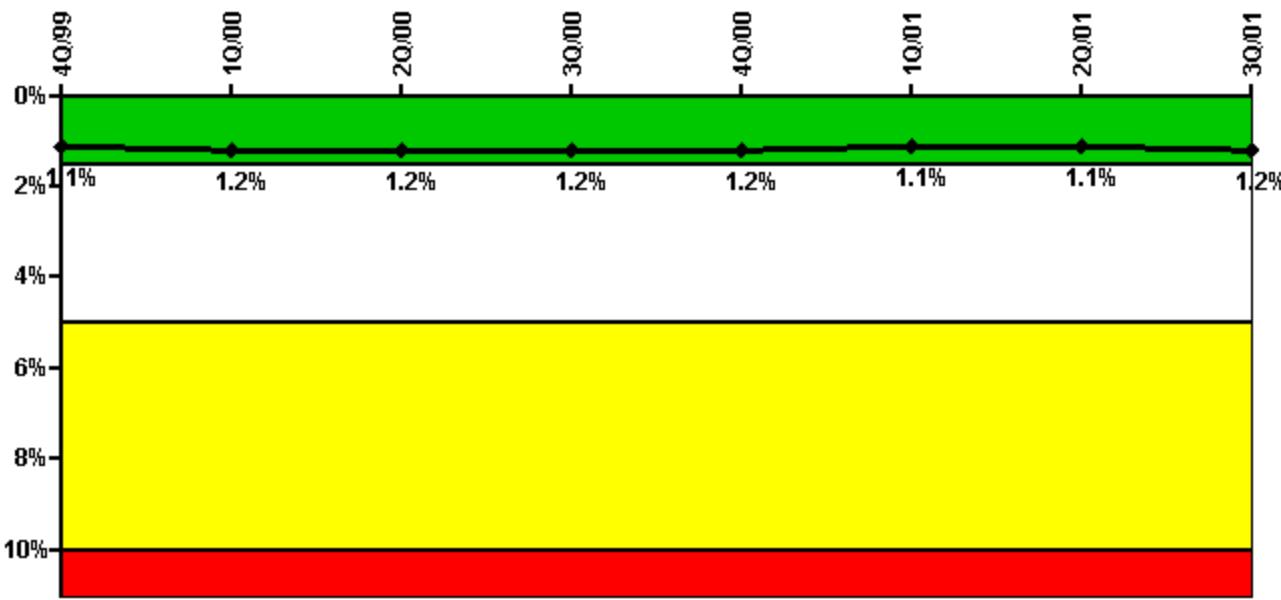
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

### Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 4Q/99       | 1Q/00       | 2Q/00       | 3Q/00       | 4Q/00       | 1Q/01       | 2Q/01       | 3Q/01       |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                | 0           | 24.80       | 92.30       | 6.50        | 1.80        | 32.30       | 3.10        | 1.90        |
| Unplanned unavailable hours                              | 5.90        | 0           | 20.40       | 0           | 0           | 0           | 0           | 0           |
| Fault exposure hours                                     | 0           | 0           | 5.40        | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 1509.80     | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2123.40     | 2183.00     | 2208.00     |
| <b>Indicator value</b>                                   | <b>4.2%</b> | <b>3.7%</b> | <b>4.0%</b> | <b>3.5%</b> | <b>3.1%</b> | <b>3.0%</b> | <b>2.7%</b> | <b>1.3%</b> |

Licensee Comments: none

## Safety System Unavailability, Residual Heat Removal System

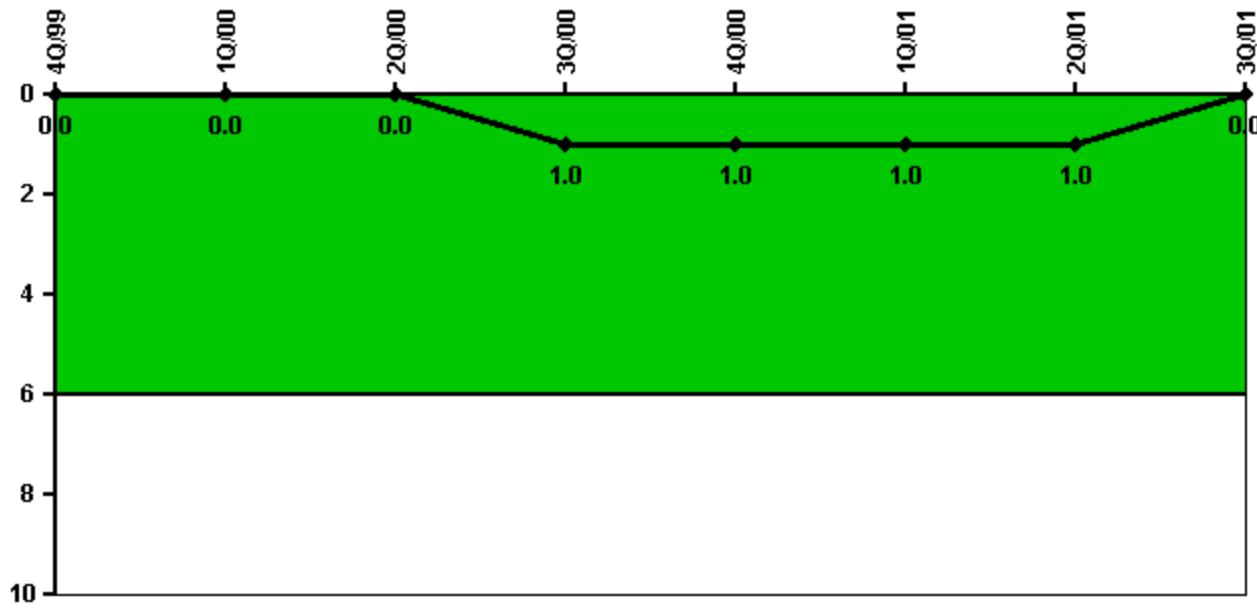


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

### Notes

| Safety System Unavailability, Residual Heat Removal System |  | 4Q/99       | 1Q/00       | 2Q/00       | 3Q/00       | 4Q/00       | 1Q/01       | 2Q/01       | 3Q/01       |
|--|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>   |  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                  |  | 14.20       | 29.90       | 39.40       | 2.60        | 0           | 41.40       | 0           | 0           |
| Unplanned unavailable hours                                |  | 0           | 0           | 0           | 0           | 0           | 30.70       | 0           | 0           |
| Fault exposure hours                                       |  | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                      |  | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   |  | 2209.00     | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     |
| <b>Train 2</b>   |  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                  |  | 128.00      | 20.90       | 9.10        | 0.70        | 0           | 20.80       | 0           | 24.30       |
| Unplanned unavailable hours                                |  | 183.20      | 0           | 0           | 4.60        | 0           | 0           | 0           | 5.90        |
| Fault exposure hours                                       |  | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                      |  | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   |  | 2209.00     | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     |
| <b>Indicator value</b>                                     |  | <b>1.1%</b> | <b>1.2%</b> | <b>1.2%</b> | <b>1.2%</b> | <b>1.2%</b> | <b>1.1%</b> | <b>1.1%</b> | <b>1.2%</b> |

Licensee Comments: none

**Safety System Functional Failures (BWR)**

Thresholds: White > 6.0

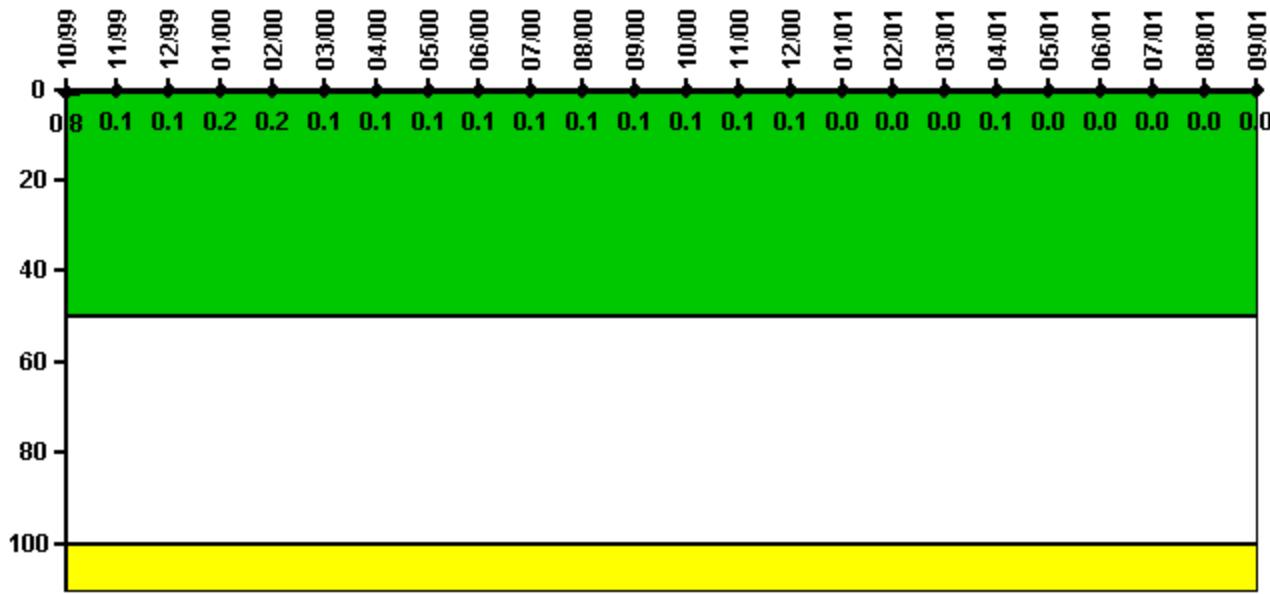
**Notes**

| Safety System Functional Failures (BWR) | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures       | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
|   |       |       |       |       |       |       |       |       |
| Indicator value                         | 0     | 0     | 0     | 1     | 1     | 1     | 1     | 0     |

Licensee Comments:

3Q/00: July 2000 SSFF missed in initial review. Issue found by NRC Resident Inspector.

### Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

#### Notes

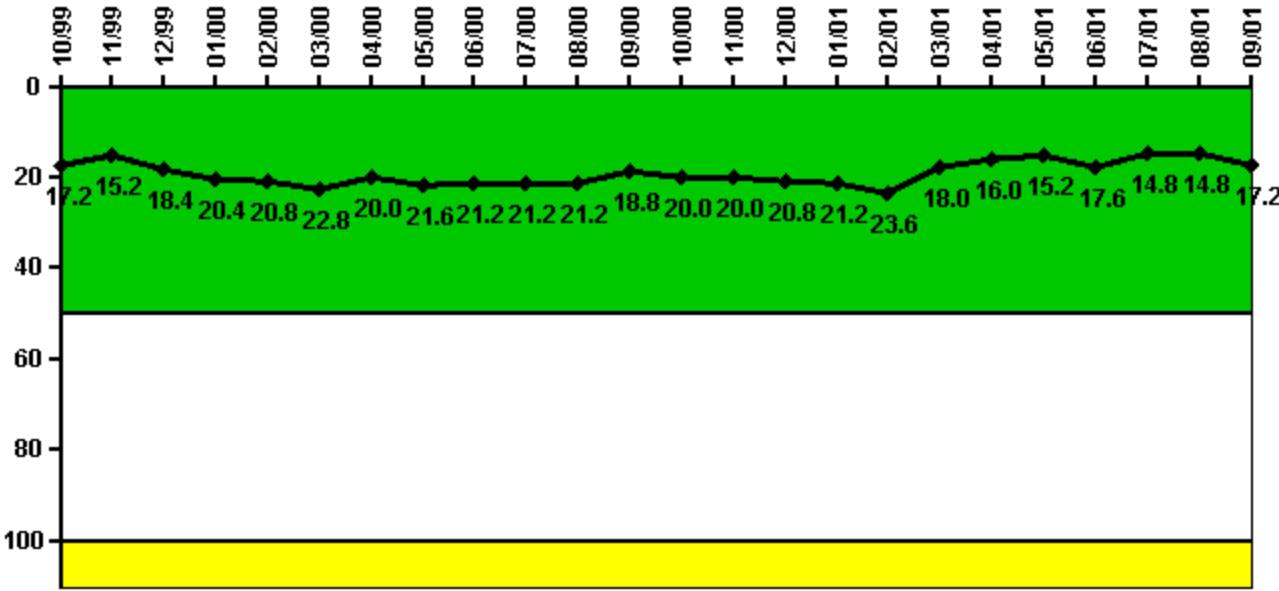
| Reactor Coolant System Activity | 10/99    | 11/99    | 12/99    | 1/00     | 2/00     | 3/00     | 4/00     | 5/00     | 6/00     | 7/00     | 8/00     | 9/00     |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity                | 0.001680 | 0.000170 | 0.000230 | 0.000390 | 0.000490 | 0.000160 | 0.000250 | 0.000150 | 0.000200 | 0.000120 | 0.000120 | 0.000130 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0.8      | 0.1      | 0.1      | 0.2      | 0.2      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      |

| Reactor Coolant System Activity | 10/00    | 11/00    | 12/00    | 1/01     | 2/01     | 3/01     | 4/01     | 5/01     | 6/01     | 7/01     | 8/01     | 9/01     |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity                | 0.000100 | 0.000100 | 0.000100 | 0.000087 | 0.000086 | 0.000095 | 0.000110 | 0.000096 | 0.000096 | 0.000069 | 0.000075 | 0.000076 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0.1      | 0.1      | 0.1      | 0        | 0        | 0        | 0.1      | 0        | 0        | 0        | 0        | 0        |

Licensee Comments: none

## **Reactor Coolant System Leakage**

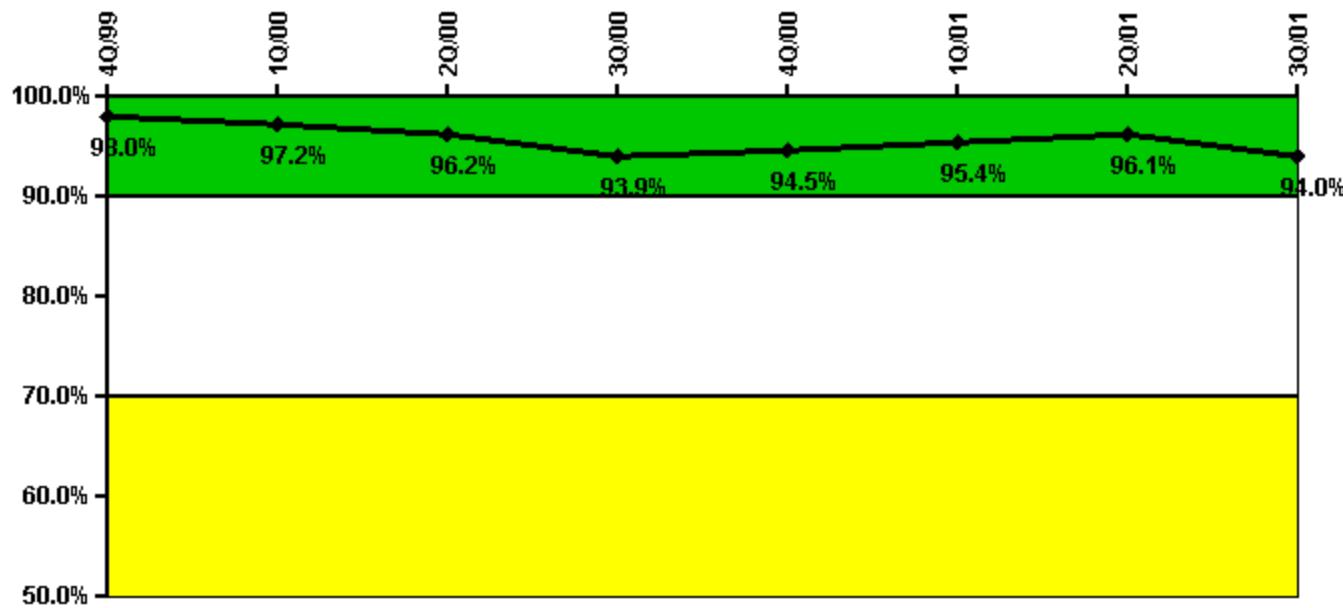


**Thresholds: White > 50.0 Yellow > 100.0**

## Notes

| <b>Reactor Coolant System Leakage</b> | <b>10/99</b> | <b>11/99</b> | <b>12/99</b> | <b>1/00</b> | <b>2/00</b> | <b>3/00</b> | <b>4/00</b> | <b>5/00</b> | <b>6/00</b> | <b>7/00</b> | <b>8/00</b> | <b>9/00</b> |
|---------------------------------------|--------------|--------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Maximum leakage                       | 4.300        | 3.800        | 4.600        | 5.100       | 5.200       | 5.700       | 5.000       | 5.400       | 5.300       | 5.300       | 5.300       | 4.700       |
| Technical specification limit         | 25.0         | 25.0         | 25.0         | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
|                                       |              |              |              |             |             |             |             |             |             |             |             |             |
| <b>Indicator value</b>                | <b>17.2</b>  | <b>15.2</b>  | <b>18.4</b>  | <b>20.4</b> | <b>20.8</b> | <b>22.8</b> | <b>20.0</b> | <b>21.6</b> | <b>21.2</b> | <b>21.2</b> | <b>21.2</b> | <b>18.8</b> |
| <b>Reactor Coolant System Leakage</b> | <b>10/00</b> | <b>11/00</b> | <b>12/00</b> | <b>1/01</b> | <b>2/01</b> | <b>3/01</b> | <b>4/01</b> | <b>5/01</b> | <b>6/01</b> | <b>7/01</b> | <b>8/01</b> | <b>9/01</b> |
| Maximum leakage                       | 5.000        | 5.000        | 5.200        | 5.300       | 5.900       | 4.500       | 4.000       | 3.800       | 4.400       | 3.700       | 3.700       | 4.300       |
| Technical specification limit         | 25.0         | 25.0         | 25.0         | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
|                                       |              |              |              |             |             |             |             |             |             |             |             |             |
| <b>Indicator value</b>                | <b>20.0</b>  | <b>20.0</b>  | <b>20.8</b>  | <b>21.2</b> | <b>23.6</b> | <b>18.0</b> | <b>16.0</b> | <b>15.2</b> | <b>17.6</b> | <b>14.8</b> | <b>14.8</b> | <b>17.2</b> |

Licensee Comments: none

**Drill/Exercise Performance**

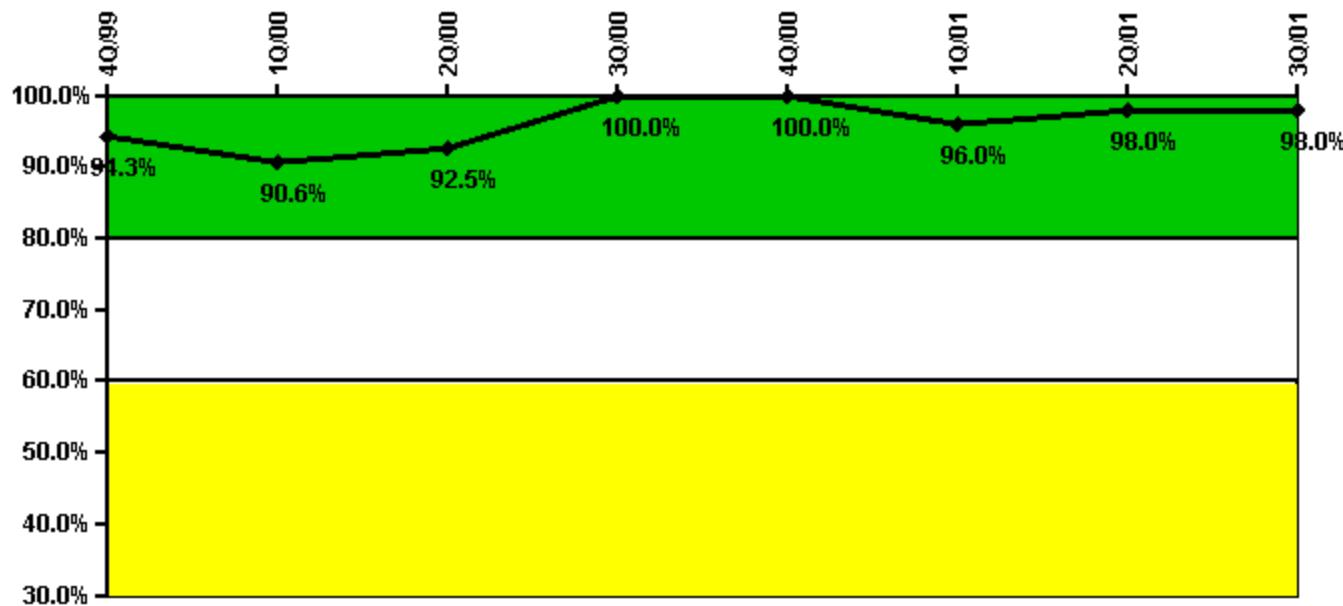
Thresholds: White < 90.0% Yellow < 70.0%

**Notes**

| Drill/Exercise Performance | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities   | 0     | 5.0   | 19.0  | 42.0  | 14.0  | 20.0  | 11.0  | 30.0  |
| Total opportunities        | 0     | 5.0   | 20.0  | 46.0  | 14.0  | 20.0  | 11.0  | 34.0  |
| Indicator value            | 98.0% | 97.2% | 96.2% | 93.9% | 94.5% | 95.4% | 96.1% | 94.0% |

Licensee Comments: none

### ERO Drill Participation

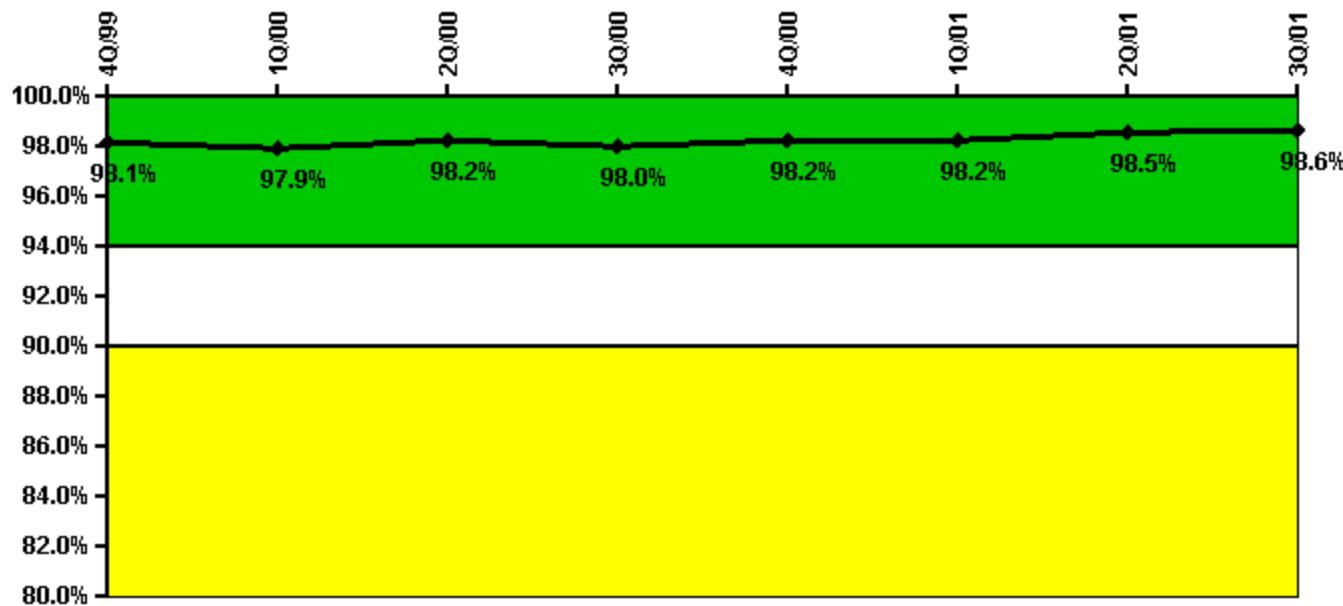


Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

| ERO Drill Participation     | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00  | 4Q/00  | 1Q/01 | 2Q/01 | 3Q/01 |
|-----------------------------|-------|-------|-------|--------|--------|-------|-------|-------|
| Participating Key personnel | 50.0  | 48.0  | 49.0  | 56.0   | 51.0   | 48.0  | 48.0  | 49.0  |
| Total Key personnel         | 53.0  | 53.0  | 53.0  | 56.0   | 51.0   | 50.0  | 49.0  | 50.0  |
| Indicator value             | 94.3% | 90.6% | 92.5% | 100.0% | 100.0% | 96.0% | 98.0% | 98.0% |

Licensee Comments: none

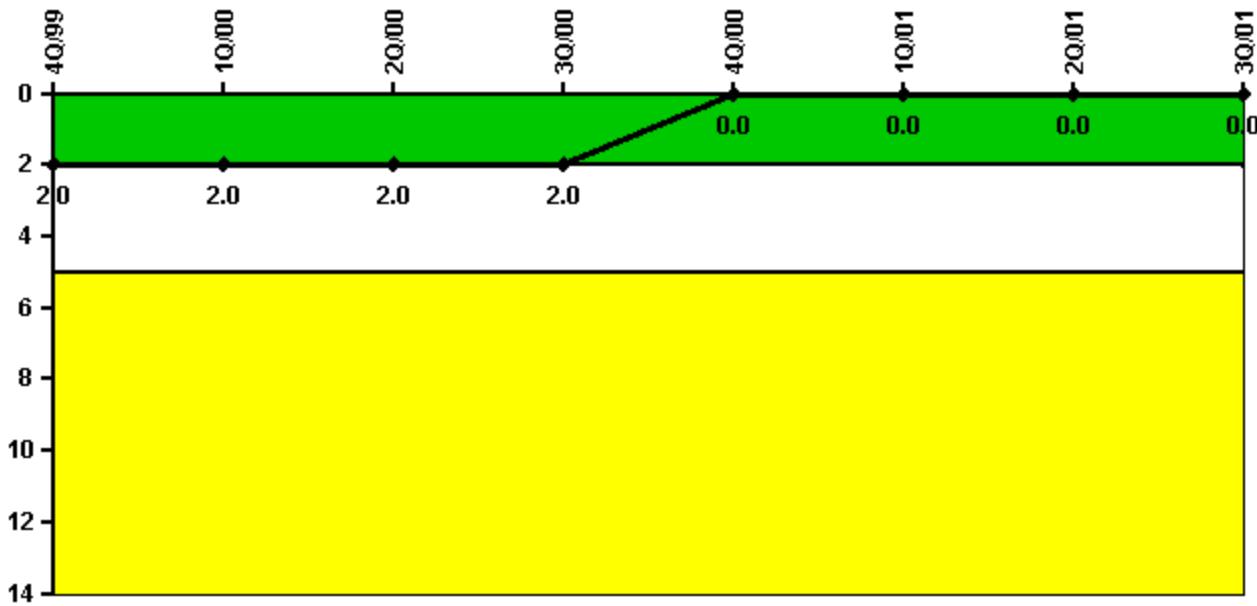
**Alert & Notification System**

Thresholds: White < 94.0% Yellow < 90.0%

**Notes**

| Alert & Notification System | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests      | 2097  | 2143  | 2129  | 2093  | 2117  | 2140  | 2155  | 2104  |
| Total sirens-tests          | 2142  | 2176  | 2176  | 2142  | 2142  | 2176  | 2176  | 2142  |
|                             |       |       |       |       |       |       |       |       |
| Indicator value             | 98.1% | 97.9% | 98.2% | 98.0% | 98.2% | 98.2% | 98.5% | 98.6% |

Licensee Comments: none

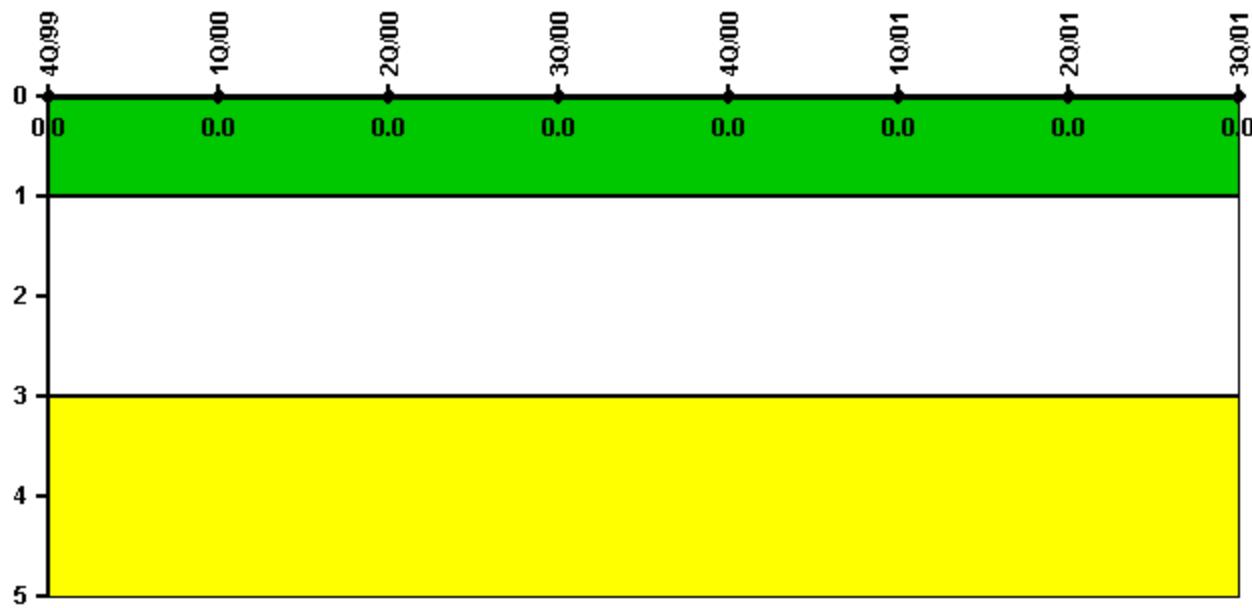
**Occupational Exposure Control Effectiveness**

Thresholds: White > 2.0 Yellow > 5.0

**Notes**

| Occupational Exposure Control Effectiveness | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| High radiation area occurrences             | 2     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Very high radiation area occurrences        | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Unintended exposure occurrences             | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                             | 2     | 2     | 2     | 2     | 0     | 0     | 0     | 0     |

Licensee Comments: none

**RETS/ODCM Radiological Effluent**

Thresholds: White > 1.0 Yellow > 3.0

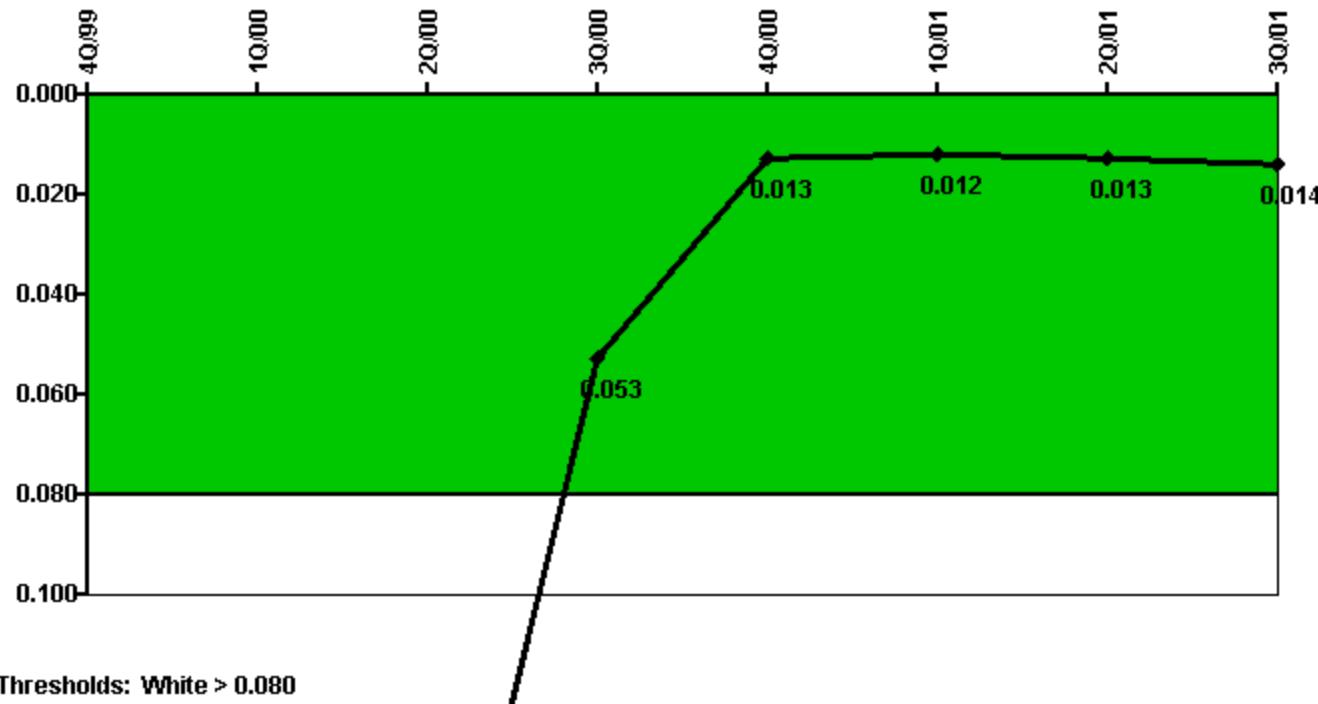
**Notes**

| RETS/ODCM Radiological Effluent | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
|                                 |       |       |       |       |       |       |       |       |
| Indicator value                 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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### Protected Area Security Performance Index

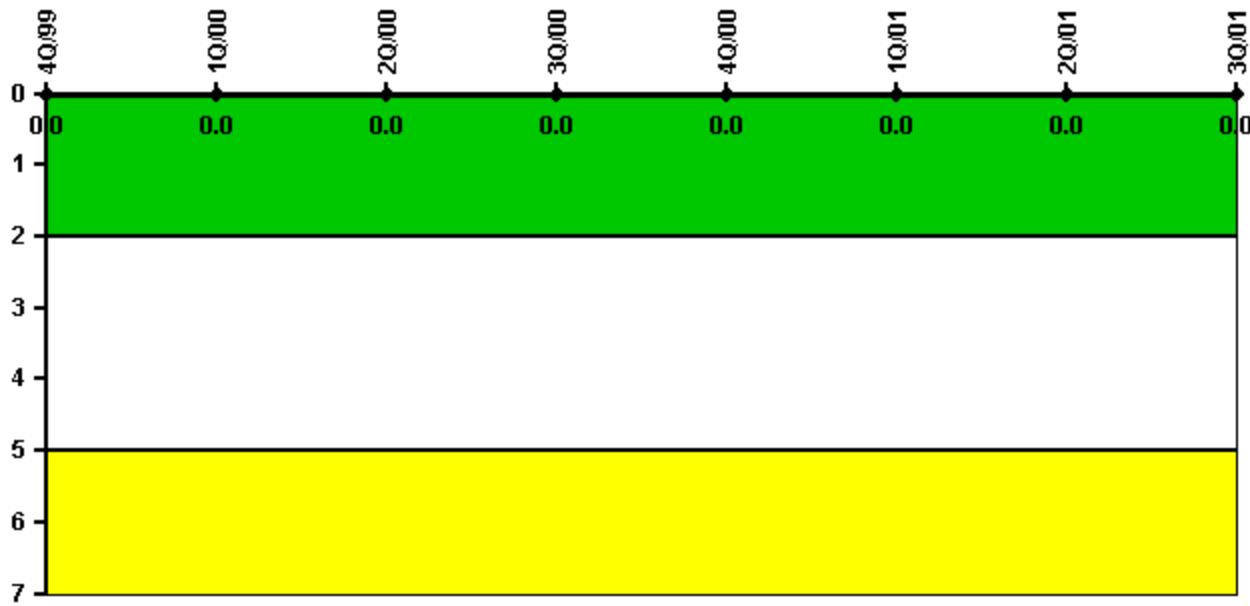


#### Notes

| Protected Area Security Performance Index | 4Q/99  | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 |
|---|--------|-------|-------|-------|-------|-------|-------|-------|
| IDS compensatory hours                    | 657.40 | 81.30 | 12.60 | 30.50 | 31.30 | 75.10 | 51.60 | 95.90 |
| CCTV compensatory hours                   | 205.1  | 9.6   | 32.0  | 30.7  | 20.0  | 0     | 17.6  | 0.4   |
| IDS normalization factor                  | 1.20   | 1.20  | 1.20  | 1.20  | 1.20  | 1.20  | 1.20  | 1.20  |
| CCTV normalization factor                 | 1.0    | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   |
|   |        |       |       |       |       |       |       |       |
| Index Value                               | 0.353  | 0.289 | 0.190 | 0.053 | 0.013 | 0.012 | 0.013 | 0.014 |

Licensee Comments: none

### Personnel Screening Program



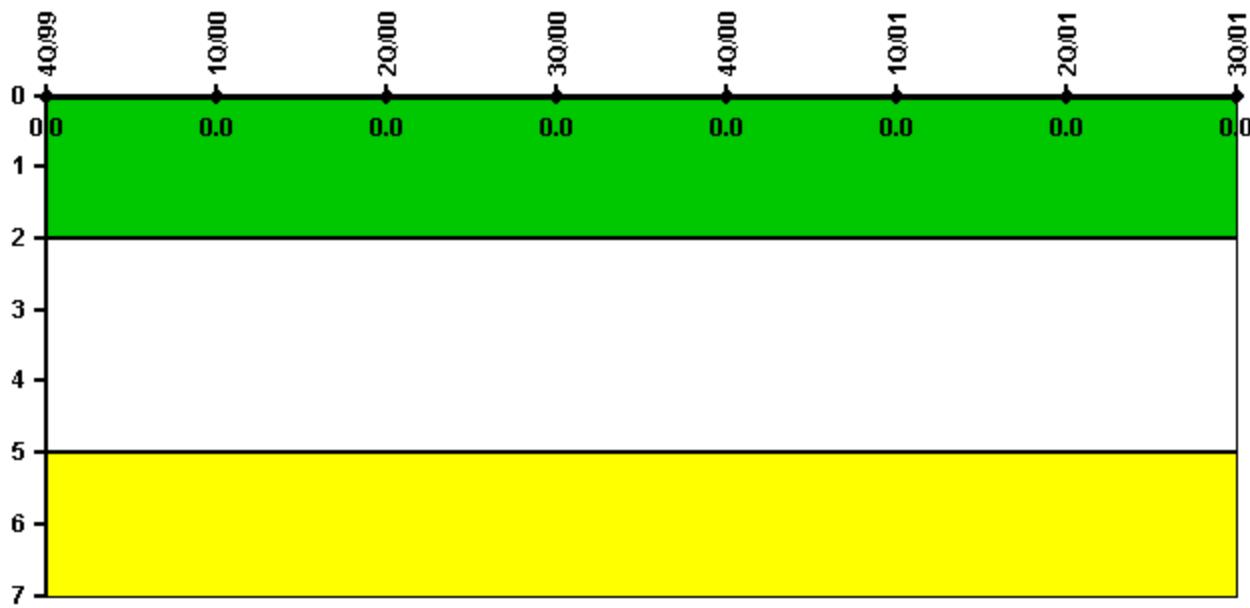
Thresholds: White > 2.0 Yellow > 5.0

#### Notes

| Personnel Screening Program | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Program failures            | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
|                             |       |       |       |       |       |       |       |       |
| Indicator value             | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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**FFD/Personnel Reliability**

Thresholds: White > 2.0 Yellow > 5.0

**Notes**

| FFD/Personnel Reliability | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 |
|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Program Failures          | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
|                           |       |       |       |       |       |       |       |       |
| Indicator value           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

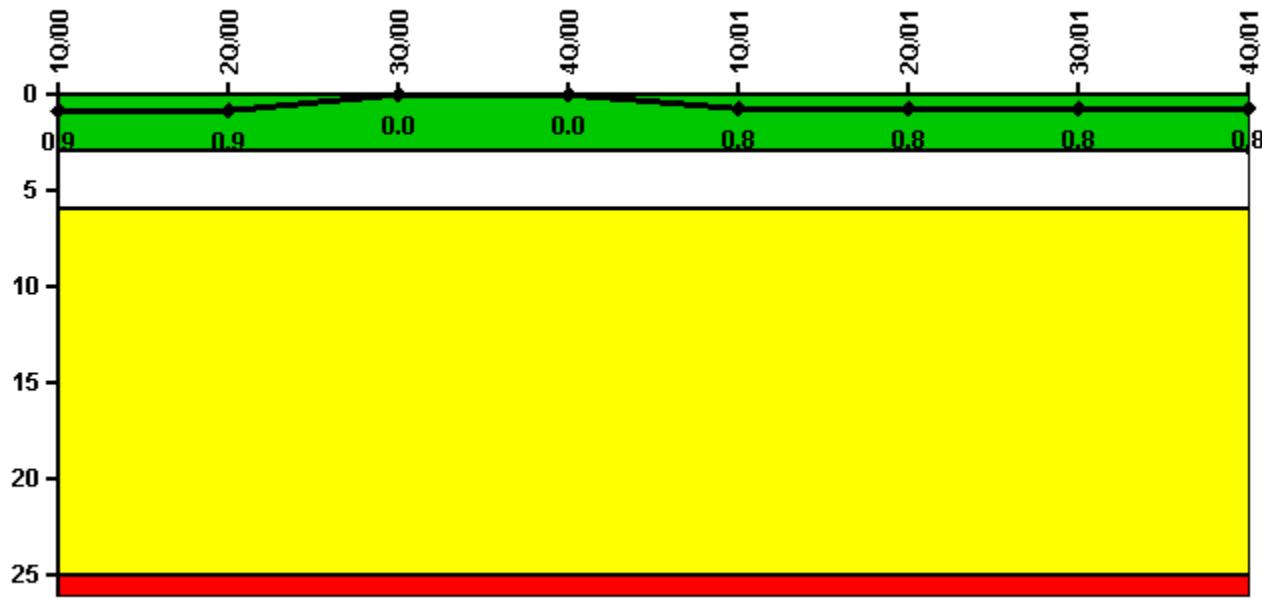


[PI Summary](#) | [Inspection Findings Summary](#) | [Action Matrix Summary](#) | [Reactor Oversight Process](#)

Last Modified: March 26, 2002

**La Salle 1****4Q/2001 Performance Indicators**

Licensee's General Comments: none

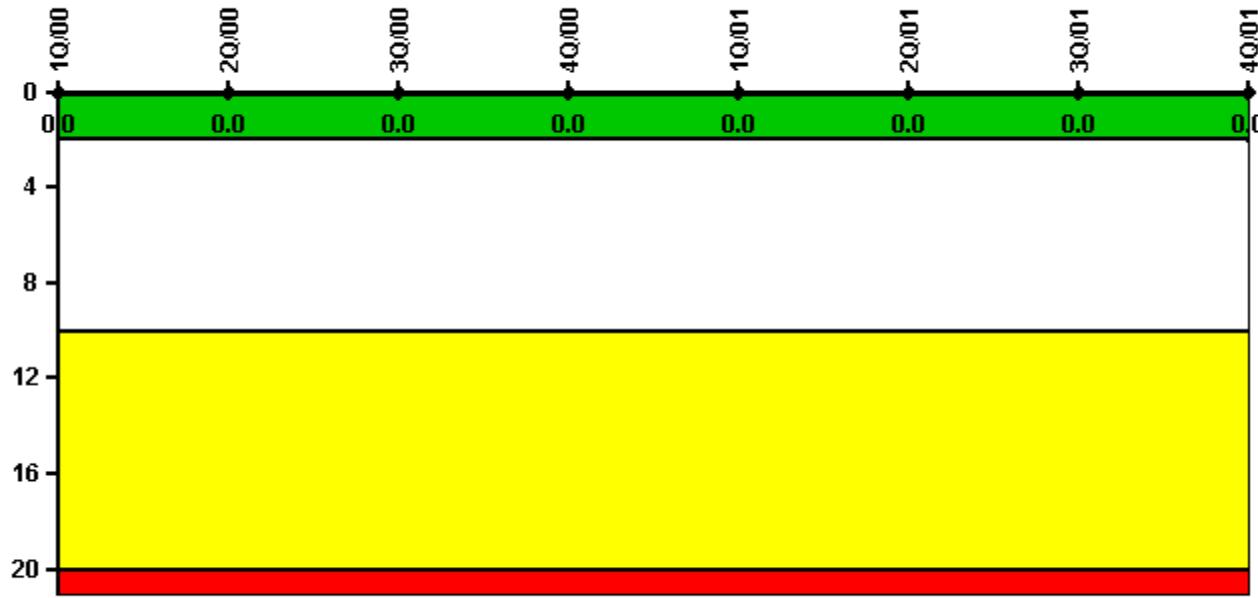
**Unplanned Scrams per 7000 Critical Hrs**

Thresholds: White &gt; 3.0 Yellow &gt; 6.0 Red &gt; 25.0

**Notes**

| Unplanned Scrams per 7000 Critical Hrs | 1Q/00  | 2Q/00  | 3Q/00  | 4Q/00  | 1Q/01  | 2Q/01  | 3Q/01  | 4Q/01  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 0      | 0      | 0      | 1.0    | 0      | 0      | 0      |
| Critical hours                         | 2184.0 | 2183.0 | 2208.0 | 2209.0 | 2123.4 | 2183.0 | 2208.0 | 2209.0 |
| Indicator value                        | 0.9    | 0.9    | 0      | 0      | 0.8    | 0.8    | 0.8    | 0.8    |

Licensee Comments: none

**Scrams with Loss of Normal Heat Removal**

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

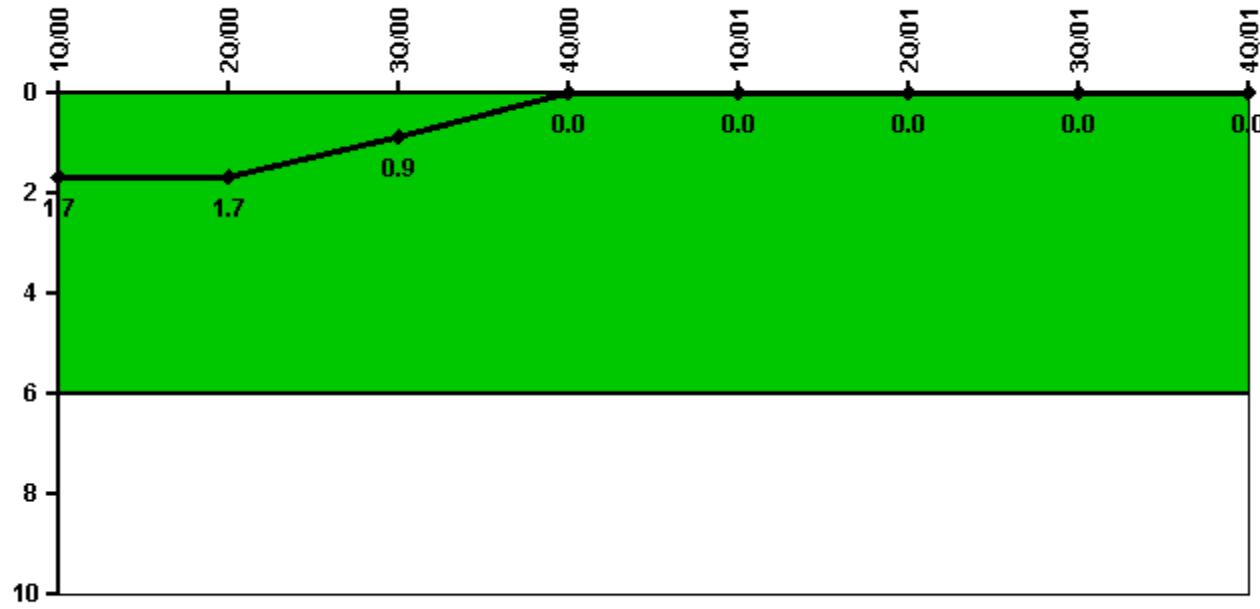
**Notes**

| Scrams with Loss of Normal Heat Removal | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams                                  | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
|   |       |       |       |       |       |       |       |       |
| Indicator value                         | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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### Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

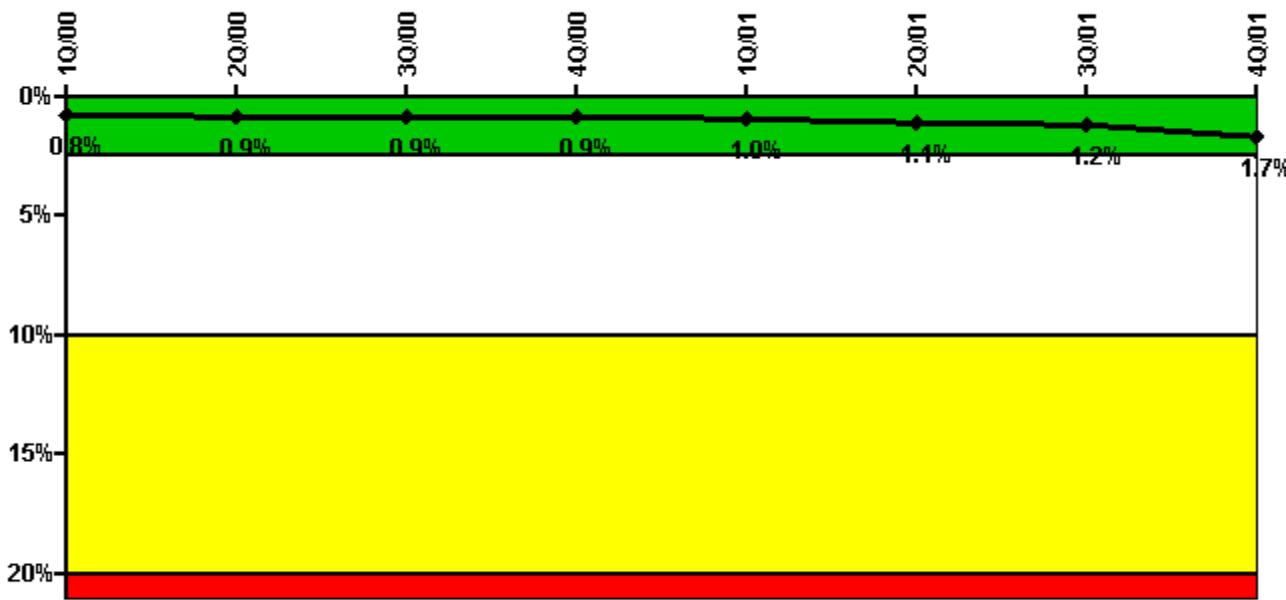
#### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 1Q/00  | 2Q/00  | 3Q/00  | 4Q/00  | 1Q/01  | 2Q/01  | 3Q/01  | 4Q/01  |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes                       | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Critical hours                                | 2184.0 | 2183.0 | 2208.0 | 2209.0 | 2123.4 | 2183.0 | 2208.0 | 2209.0 |
| Indicator value                               | 1.7    | 1.7    | 0.9    | 0      | 0      | 0      | 0      | 0      |

Licensee Comments: none

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## Safety System Unavailability, Emergency AC Power, >2EDG

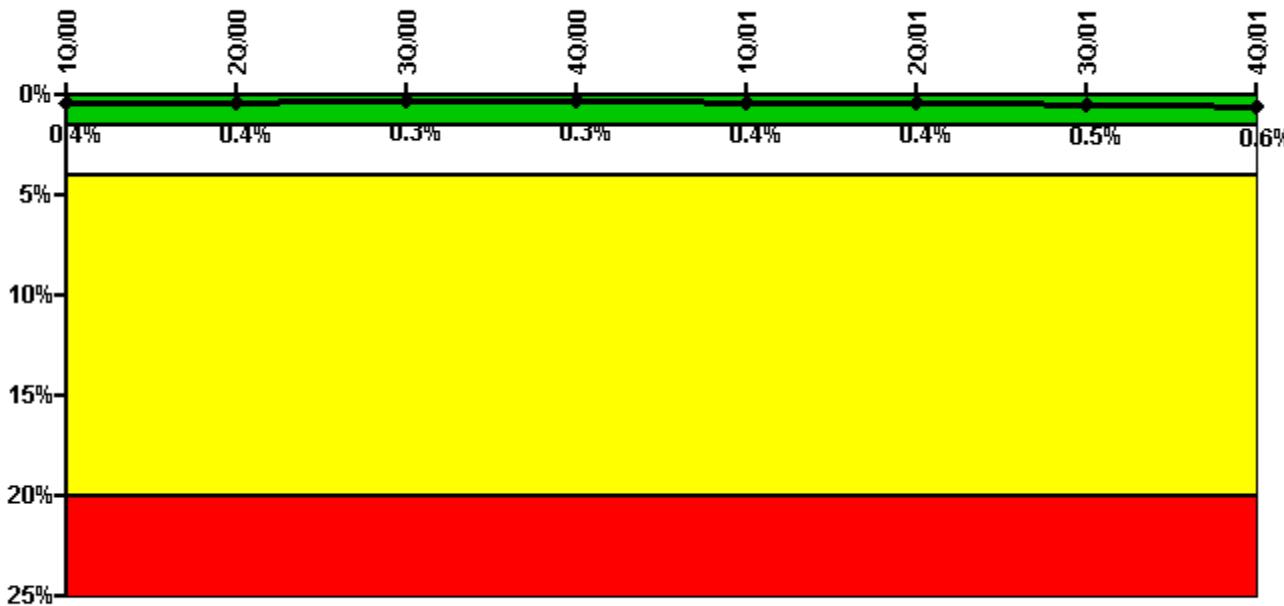


### Notes

| Safety System Unavailability, Emergency AC Power, >2EDG |  | 1Q/00       | 2Q/00       | 3Q/00       | 4Q/00       | 1Q/01       | 2Q/01       | 3Q/01       | 4Q/01       |
|---|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>  |  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               |  | 40.35       | 0.85        | 9.73        | 18.22       | 26.20       | 0.75        | 0.85        | 61.00       |
| Unplanned unavailable hours                             |  | 0           | 17.00       | 0           | 0.75        | 23.43       | 0           | 0           | 0           |
| Fault exposure hours                                    |  | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 336.00      |
| Effective Reset hours                                   |  | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  |  | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     |
| <b>Train 2</b>  |  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               |  | 39.57       | 1.05        | 5.93        | 1.00        | 30.63       | 0.75        | 1.25        | 24.05       |
| Unplanned unavailable hours                             |  | 5.77        | 0           | 0           | 0           | 0           | 0           | 0           | 13.40       |
| Fault exposure hours                                    |  | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                   |  | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  |  | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     |
| <b>Train 3</b>  |  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               |  | 32.75       | 43.90       | 0.75        | 2.31        | 35.55       | 29.52       | 54.98       | 2.13        |
| Unplanned unavailable hours                             |  | 0           | 0           | 0           | 0           | 0           | 0           | 22.27       | 0           |
| Fault exposure hours                                    |  | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                   |  | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  |  | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     |
| <b>Indicator value</b>                                  |  | <b>0.8%</b> | <b>0.9%</b> | <b>0.9%</b> | <b>0.9%</b> | <b>1.0%</b> | <b>1.1%</b> | <b>1.2%</b> | <b>1.7%</b> |

Licensee Comments: none

## Safety System Unavailability, High Pressure Injection System (HPCS)



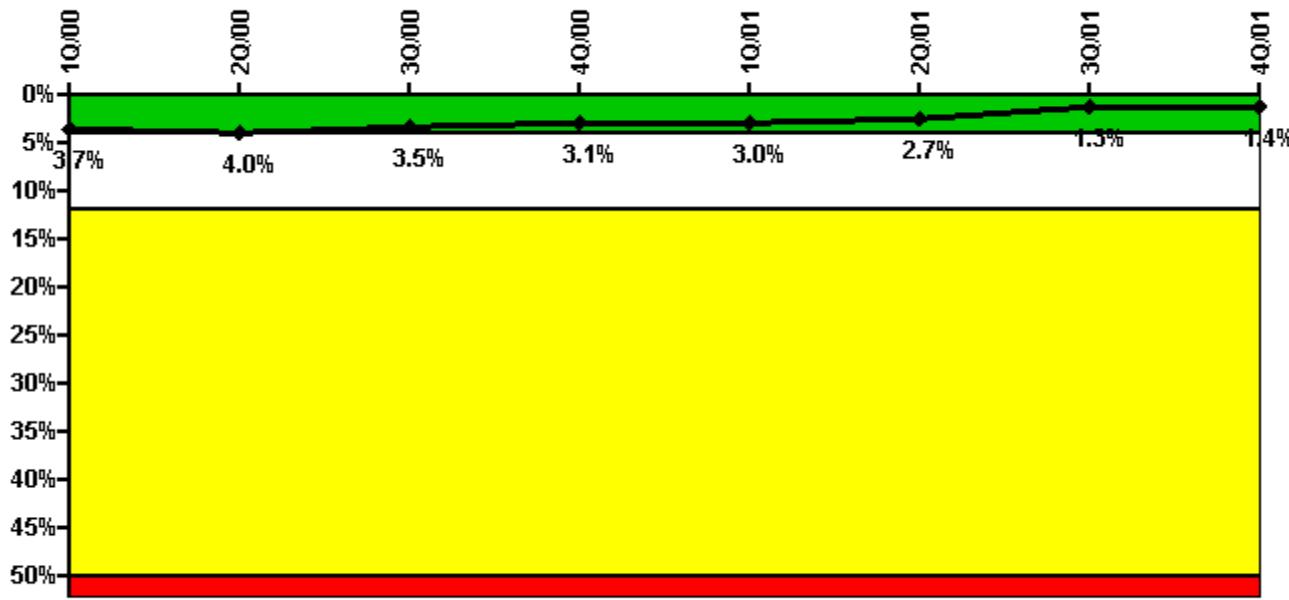
Thresholds: White > 1.5% Yellow > 4.0% Red > 20.0%

### Notes

| Safety System Unavailability, High Pressure Injection System (HPCS) |  | 1Q/00       | 2Q/00       | 3Q/00       | 4Q/00       | 1Q/01       | 2Q/01       | 3Q/01       | 4Q/01       |
|---|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>  |  |             |             |             |             |             |             |             |             |
| Planned unavailable hours   |  | 29.40       | 4.60        | 2.70        | 2.70        | 19.40       | 23.60       | 24.50       | 28.33       |
| Unplanned unavailable hours   |  | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Fault exposure hours  |  | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours   |  | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  |  | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2123.40     | 2183.00     | 2208.00     | 2209.00     |
|   |  |             |             |             |             |             |             |             |             |
| <b>Indicator value</b>  |  | <b>0.4%</b> | <b>0.4%</b> | <b>0.3%</b> | <b>0.3%</b> | <b>0.4%</b> | <b>0.4%</b> | <b>0.5%</b> | <b>0.6%</b> |

Licensee Comments: none

## Safety System Unavailability, Heat Removal System (RCIC)



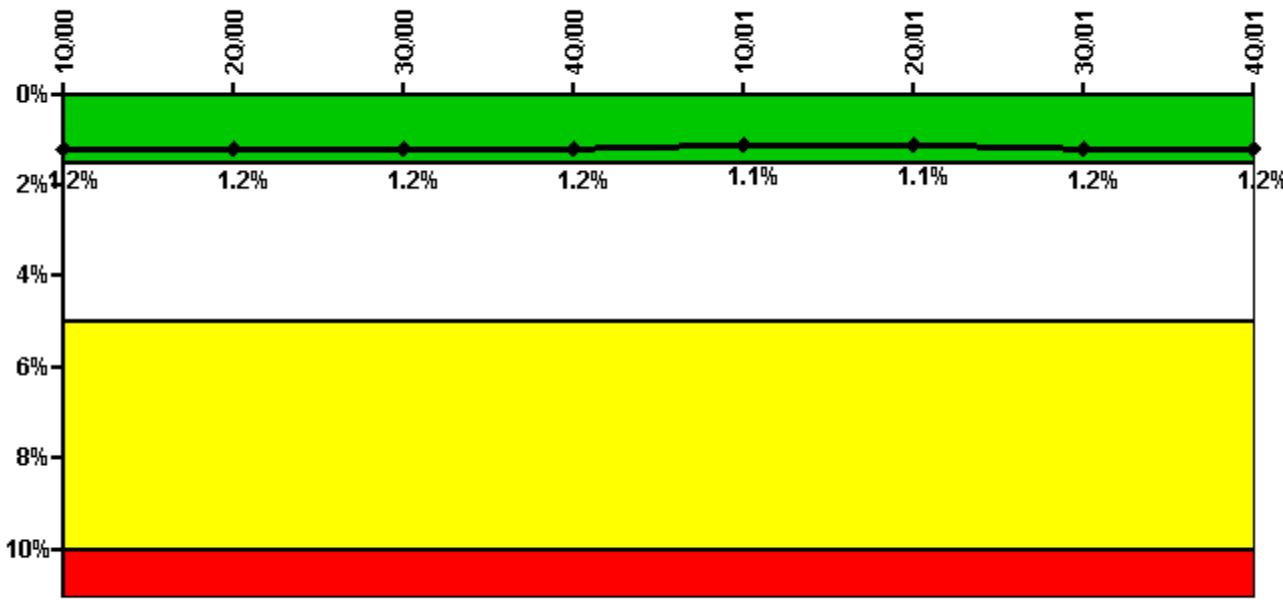
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

### Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 1Q/00       | 2Q/00       | 3Q/00       | 4Q/00       | 1Q/01       | 2Q/01       | 3Q/01       | 4Q/01       |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                | 24.80       | 92.30       | 6.50        | 1.80        | 32.30       | 3.10        | 1.90        | 59.30       |
| Unplanned unavailable hours                              | 0           | 20.40       | 0           | 0           | 0           | 0           | 0           | 0           |
| Fault exposure hours                                     | 0           | 5.40        | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2123.40     | 2183.00     | 2208.00     | 2209.00     |
|  |             |             |             |             |             |             |             |             |
| <b>Indicator value</b>                                   | <b>3.7%</b> | <b>4.0%</b> | <b>3.5%</b> | <b>3.1%</b> | <b>3.0%</b> | <b>2.7%</b> | <b>1.3%</b> | <b>1.4%</b> |

Licensee Comments: none

## Safety System Unavailability, Residual Heat Removal System

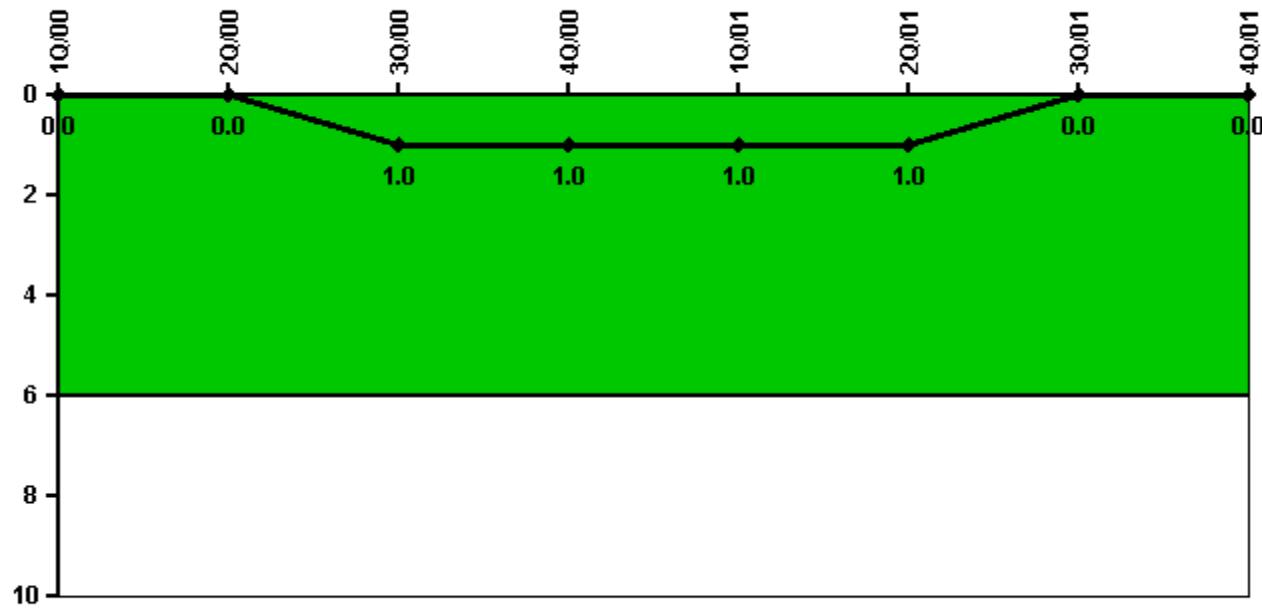


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

### Notes

| Safety System Unavailability, Residual Heat Removal System | 1Q/00       | 2Q/00       | 3Q/00       | 4Q/00       | 1Q/01       | 2Q/01       | 3Q/01       | 4Q/01       |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                  | 29.90       | 39.40       | 2.60        | 0           | 41.40       | 0           | 0           | 8.50        |
| Unplanned unavailable hours                                | 0           | 0           | 0           | 0           | 30.70       | 0           | 0           | 0           |
| Fault exposure hours                                       | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                      | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     |
| <b>Train 2</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                  | 20.90       | 9.10        | 0.70        | 0           | 20.80       | 0           | 24.30       | 9.90        |
| Unplanned unavailable hours                                | 0           | 0           | 4.60        | 0           | 0           | 0           | 5.90        | 12.80       |
| Fault exposure hours                                       | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                      | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     |
| <b>Indicator value</b>                                     | <b>1.2%</b> | <b>1.2%</b> | <b>1.2%</b> | <b>1.2%</b> | <b>1.1%</b> | <b>1.1%</b> | <b>1.2%</b> | <b>1.2%</b> |

Licensee Comments: none

**Safety System Functional Failures (BWR)**

Thresholds: White > 6.0

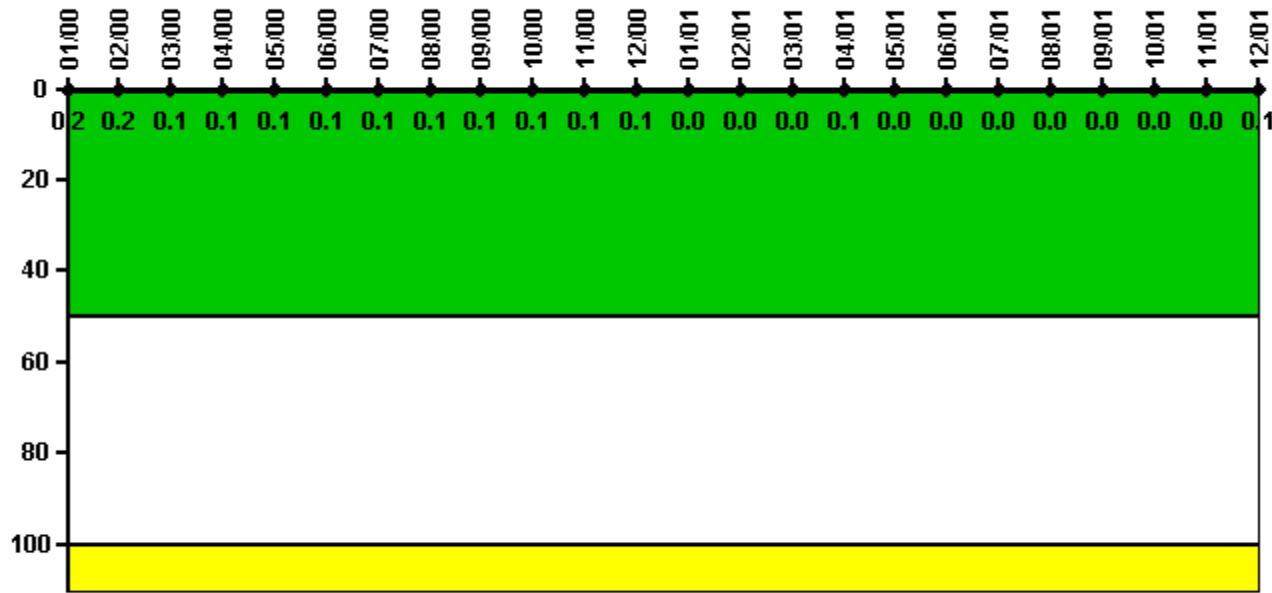
**Notes**

| Safety System Functional Failures (BWR) | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures       | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
|   |       |       |       |       |       |       |       |       |
| Indicator value                         | 0     | 0     | 1     | 1     | 1     | 1     | 0     | 0     |

Licensee Comments: none

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## Reactor Coolant System Activity



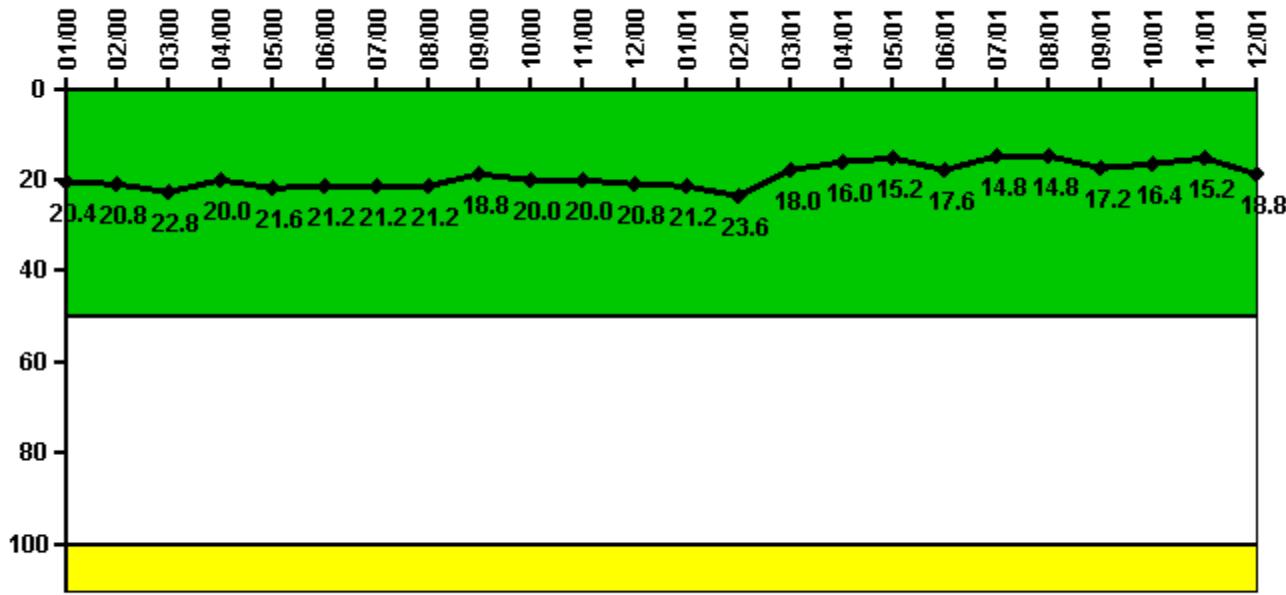
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Activity | 1/00       | 2/00       | 3/00       | 4/00       | 5/00       | 6/00       | 7/00       | 8/00       | 9/00       | 10/00      | 11/00      | 12/00      |
|---------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Maximum activity                | 0.000390   | 0.000490   | 0.000160   | 0.000250   | 0.000150   | 0.000200   | 0.000120   | 0.000120   | 0.000130   | 0.000100   | 0.000100   | 0.000100   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| Indicator value                 | <b>0.2</b> | <b>0.2</b> | <b>0.1</b> |
| Reactor Coolant System Activity | 1/01       | 2/01       | 3/01       | 4/01       | 5/01       | 6/01       | 7/01       | 8/01       | 9/01       | 10/01      | 11/01      | 12/01      |
| Maximum activity                | 0.000087   | 0.000086   | 0.000095   | 0.000110   | 0.000096   | 0.000096   | 0.000069   | 0.000075   | 0.000076   | 0.000089   | 0.000087   | 0.000110   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| Indicator value                 | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0.1</b> | <b>0</b>   | <b>0.1</b> |

Licensee Comments: none

## Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

### Notes

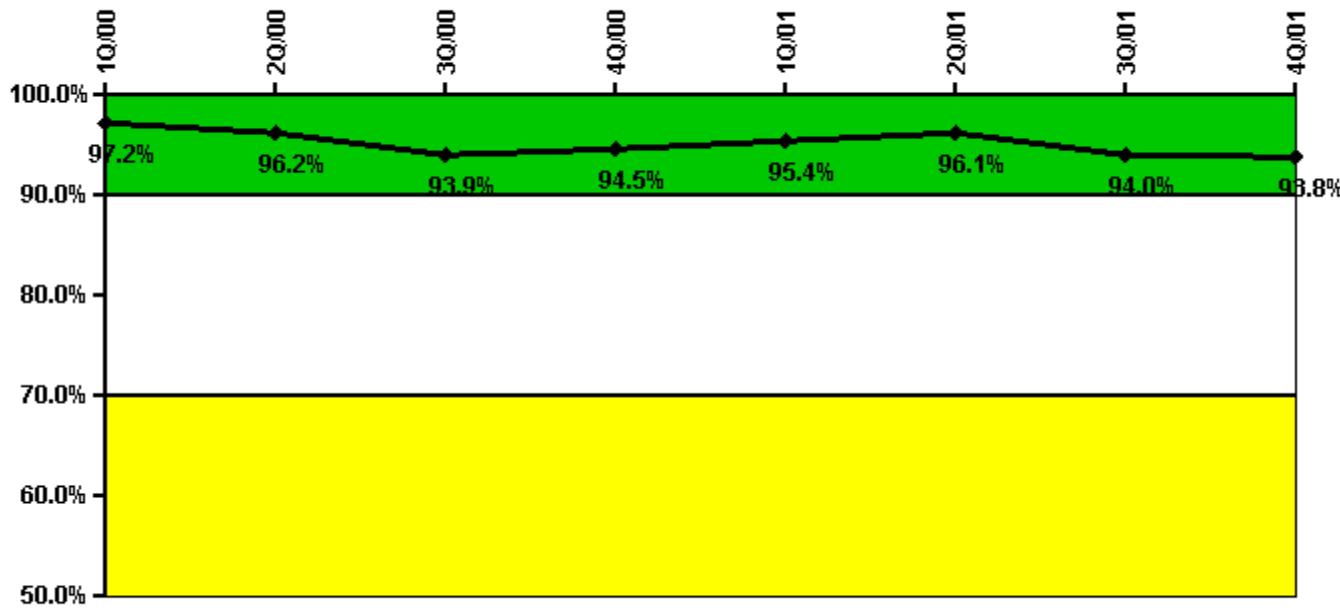
| Reactor Coolant System Leakage | 1/00  | 2/00  | 3/00  | 4/00  | 5/00  | 6/00  | 7/00  | 8/00  | 9/00  | 10/00 | 11/00 | 12/00 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage                | 5.100 | 5.200 | 5.700 | 5.000 | 5.400 | 5.300 | 5.300 | 5.300 | 4.700 | 5.000 | 5.000 | 5.200 |
| Technical specification limit  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  |
| Indicator value                | 20.4  | 20.8  | 22.8  | 20.0  | 21.6  | 21.2  | 21.2  | 21.2  | 18.8  | 20.0  | 20.0  | 20.8  |

| Reactor Coolant System Leakage | 1/01  | 2/01  | 3/01  | 4/01  | 5/01  | 6/01  | 7/01  | 8/01  | 9/01  | 10/01 | 11/01 | 12/01 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage                | 5.300 | 5.900 | 4.500 | 4.000 | 3.800 | 4.400 | 3.700 | 3.700 | 4.300 | 4.100 | 3.800 | 4.700 |
| Technical specification limit  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  |
| Indicator value                | 21.2  | 23.6  | 18.0  | 16.0  | 15.2  | 17.6  | 14.8  | 14.8  | 17.2  | 16.4  | 15.2  | 18.8  |

Licensee Comments: none

### Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

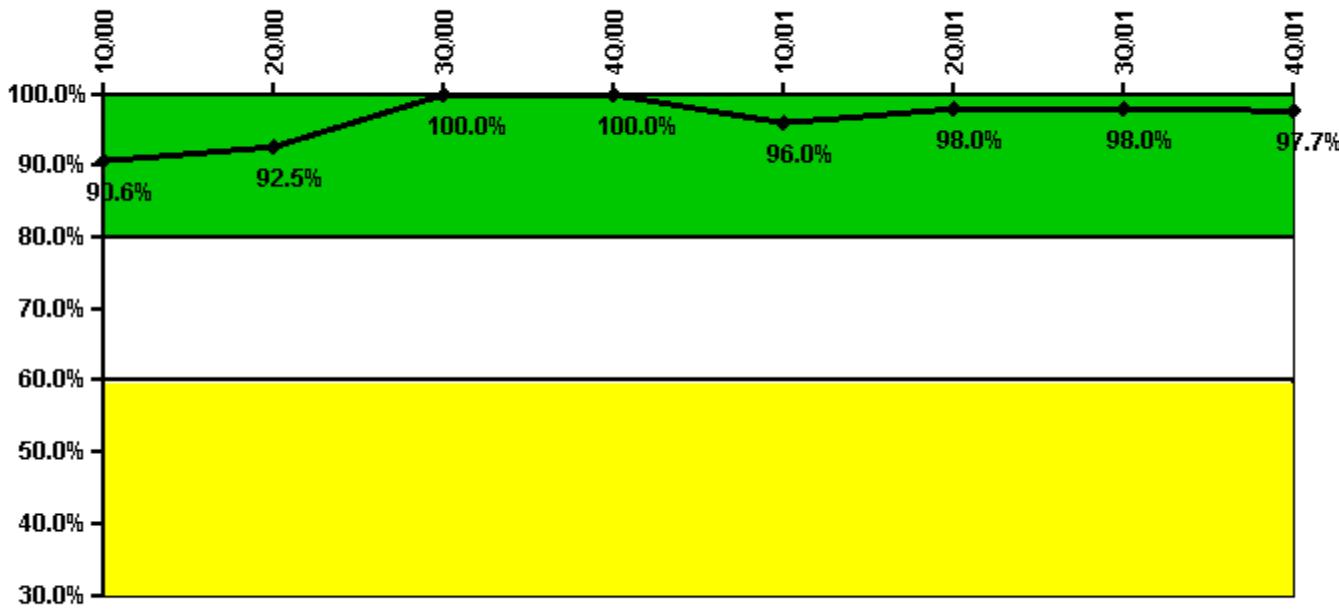
### Notes

| Drill/Exercise Performance | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities   | 5.0   | 19.0  | 42.0  | 14.0  | 20.0  | 11.0  | 30.0  | 9.0   |
| Total opportunities        | 5.0   | 20.0  | 46.0  | 14.0  | 20.0  | 11.0  | 34.0  | 10.0  |
| Indicator value            | 97.2% | 96.2% | 93.9% | 94.5% | 95.4% | 96.1% | 94.0% | 93.8% |

Licensee Comments: none

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### ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

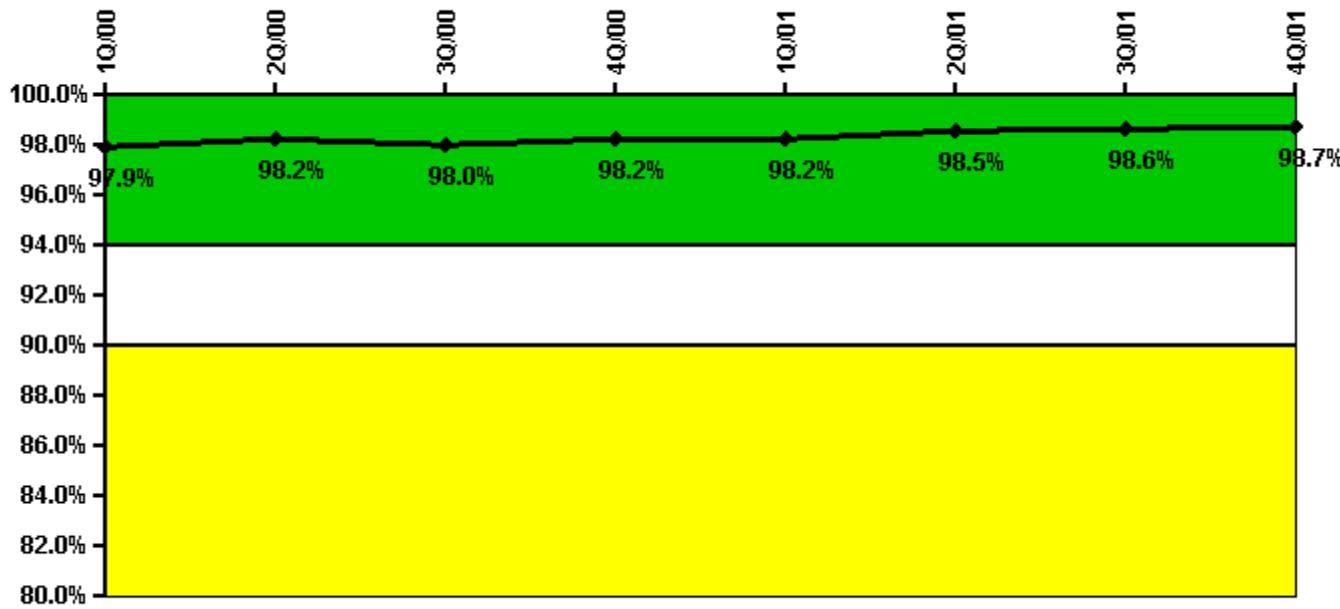
#### Notes

| ERO Drill Participation     | 1Q/00 | 2Q/00 | 3Q/00  | 4Q/00  | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 |
|-----------------------------|-------|-------|--------|--------|-------|-------|-------|-------|
| Participating Key personnel | 48.0  | 49.0  | 56.0   | 51.0   | 48.0  | 48.0  | 49.0  | 43.0  |
| Total Key personnel         | 53.0  | 53.0  | 56.0   | 51.0   | 50.0  | 49.0  | 50.0  | 44.0  |
| Indicator value             | 90.6% | 92.5% | 100.0% | 100.0% | 96.0% | 98.0% | 98.0% | 97.7% |

Licensee Comments: none

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## Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

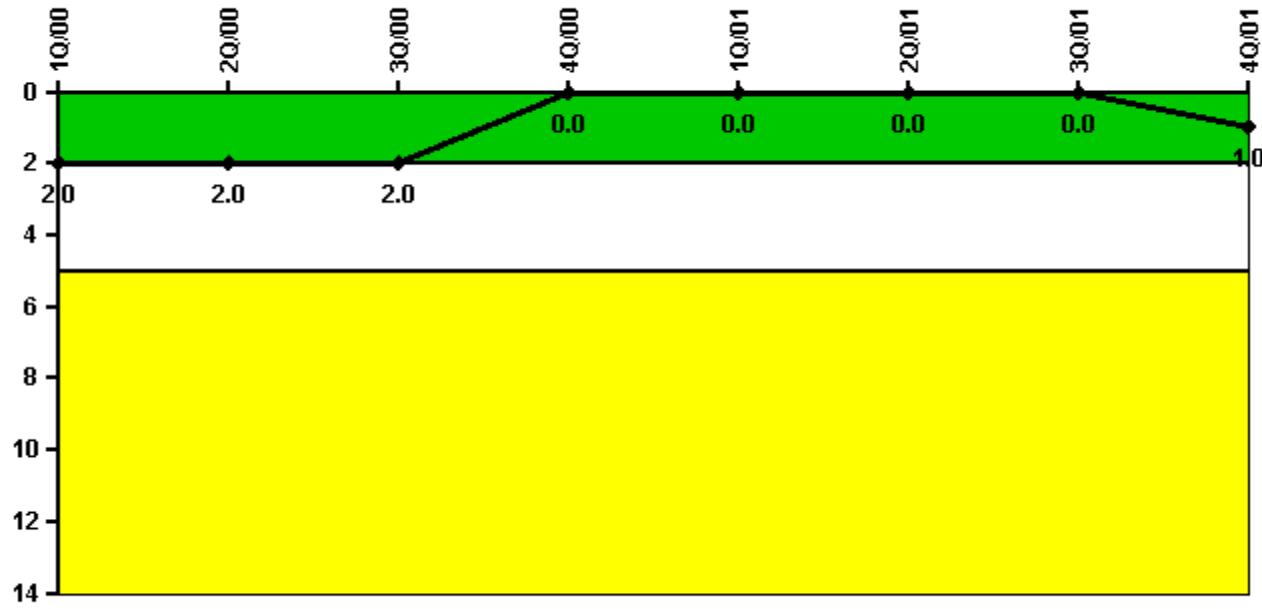
### Notes

| Alert & Notification System | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests      | 2143  | 2129  | 2093  | 2117  | 2140  | 2155  | 2104  | 2127  |
| Total sirens-tests          | 2176  | 2176  | 2142  | 2142  | 2176  | 2176  | 2142  | 2142  |
| Indicator value             | 97.9% | 98.2% | 98.0% | 98.2% | 98.2% | 98.5% | 98.6% | 98.7% |

Licensee Comments: none

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### Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

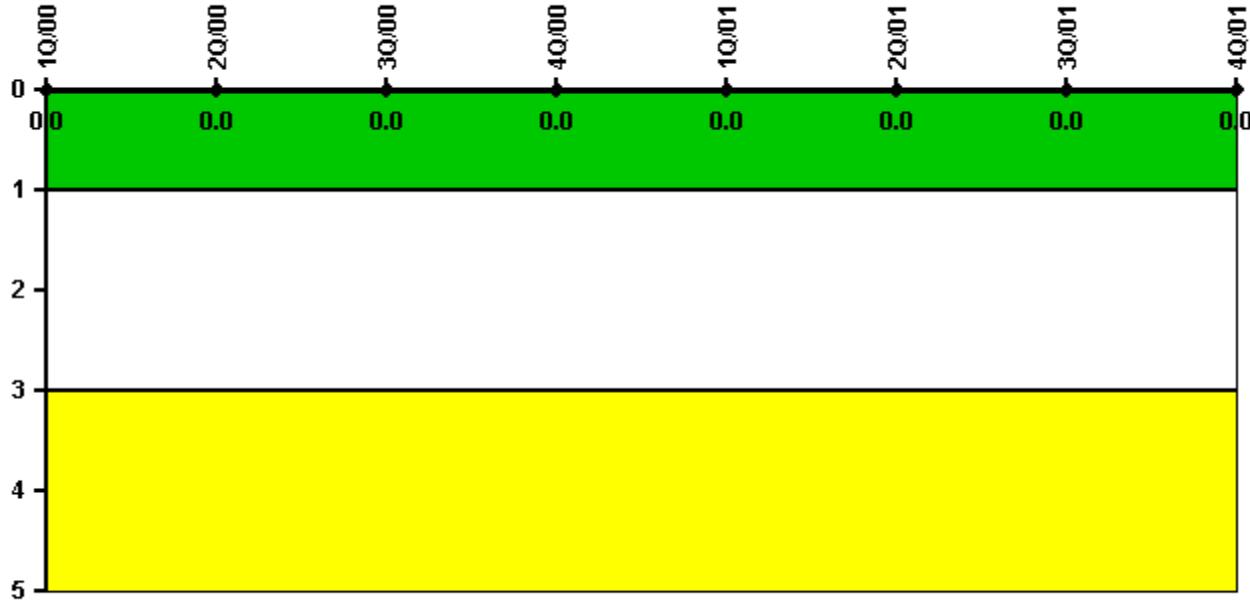
#### Notes

| Occupational Exposure Control Effectiveness | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| High radiation area occurrences             | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| Very high radiation area occurrences        | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Unintended exposure occurrences             | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                             | 2     | 2     | 2     | 0     | 0     | 0     | 0     | 1     |

Licensee Comments:

4Q/01:

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**RETS/ODCM Radiological Effluent**

Thresholds: White > 1.0 Yellow > 3.0

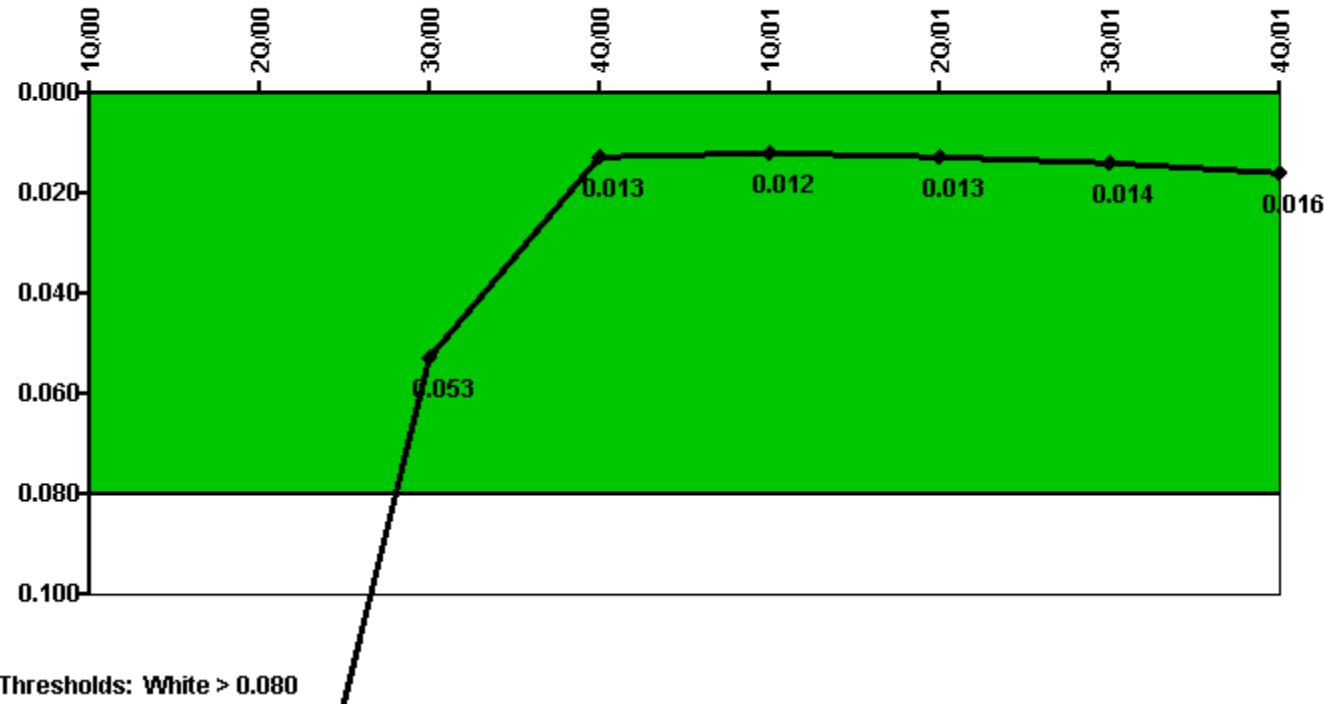
**Notes**

| RETS/ODCM Radiological Effluent | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
|                                 |       |       |       |       |       |       |       |       |
| Indicator value                 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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## Protected Area Security Performance Index

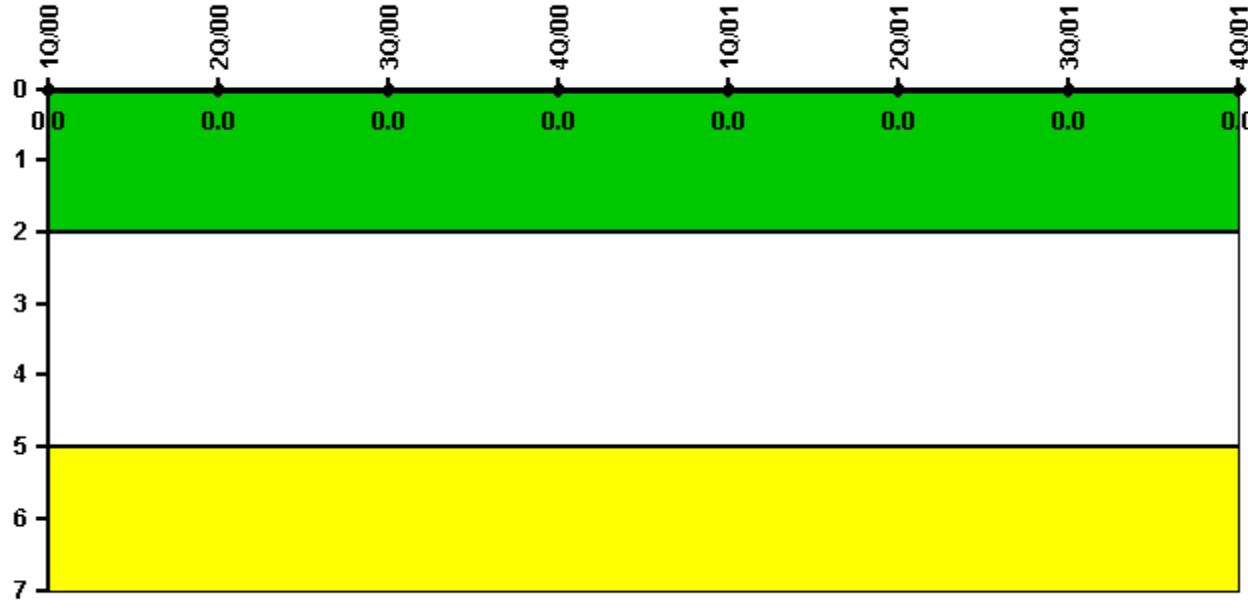


Thresholds: White > 0.080

### Notes

| Protected Area Security Performance Index | 1Q/00        | 2Q/00        | 3Q/00        | 4Q/00        | 1Q/01        | 2Q/01        | 3Q/01        | 4Q/01        |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| IDS compensatory hours                    | 81.30        | 12.60        | 30.50        | 31.30        | 75.10        | 51.60        | 95.90        | 68.40        |
| CCTV compensatory hours                   | 9.6          | 32.0         | 30.7         | 20.0         | 0            | 17.6         | 0.4          | 24.6         |
| IDS normalization factor                  | 1.20         | 1.20         | 1.20         | 1.20         | 1.20         | 1.20         | 1.20         | 1.20         |
| CCTV normalization factor                 | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          |
| <b>Index Value</b>                        | <b>0.289</b> | <b>0.190</b> | <b>0.053</b> | <b>0.013</b> | <b>0.012</b> | <b>0.013</b> | <b>0.014</b> | <b>0.016</b> |

Licensee Comments: none

**Personnel Screening Program**

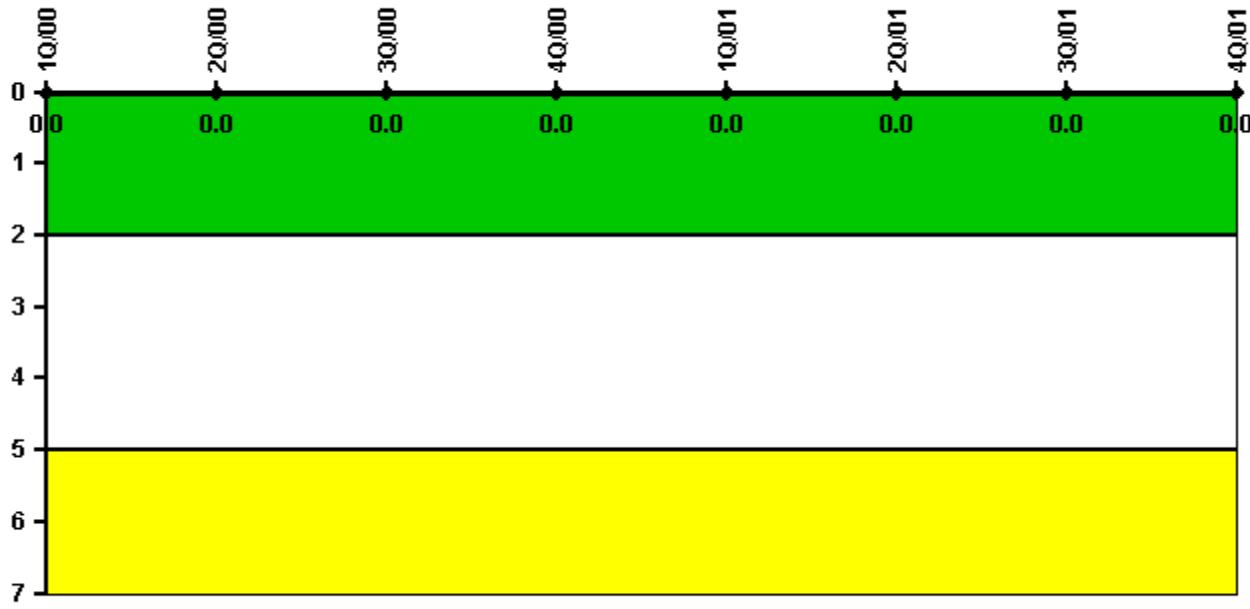
Thresholds: White > 2.0 Yellow > 5.0

**Notes**

| Personnel Screening Program | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Program failures            | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
|                             |       |       |       |       |       |       |       |       |
| Indicator value             | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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**FFD/Personnel Reliability**

Thresholds: White > 2.0 Yellow > 5.0

**Notes**

| FFD/Personnel Reliability | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 |
|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Program Failures          | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
|                           |       |       |       |       |       |       |       |       |
| Indicator value           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

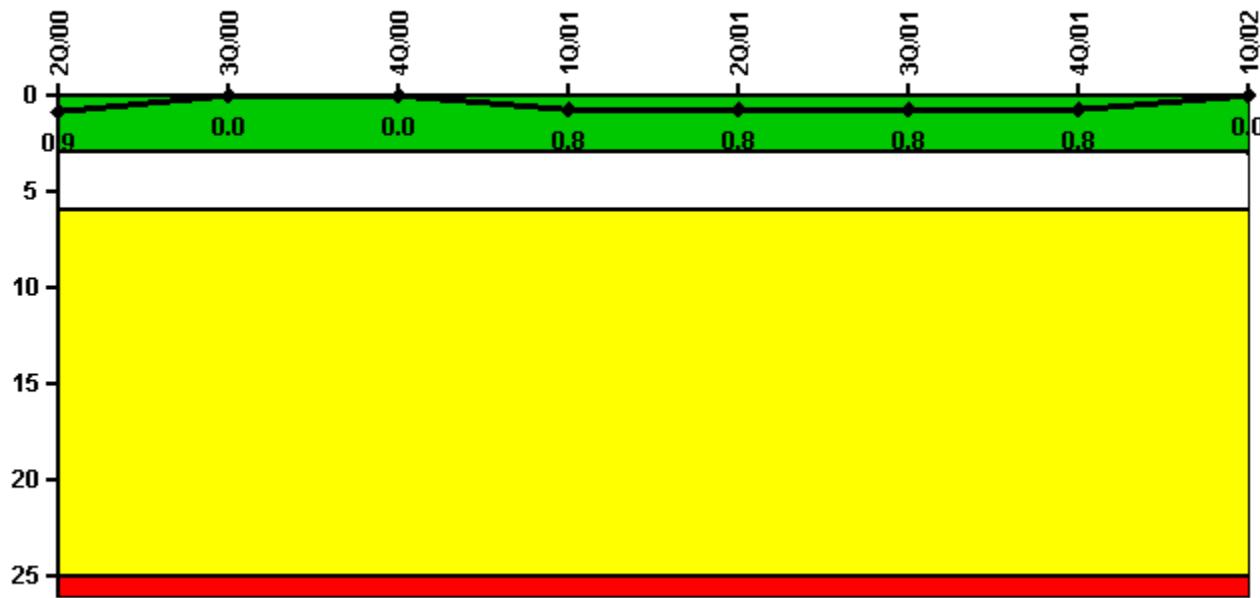


[PI Summary](#) | [Inspection Findings Summary](#) | [Action Matrix Summary](#) | [Reactor Oversight Process](#)

Last Modified: March 15, 2002

**La Salle 1****1Q/2002 Performance Indicators**

Licensee's General Comments: none

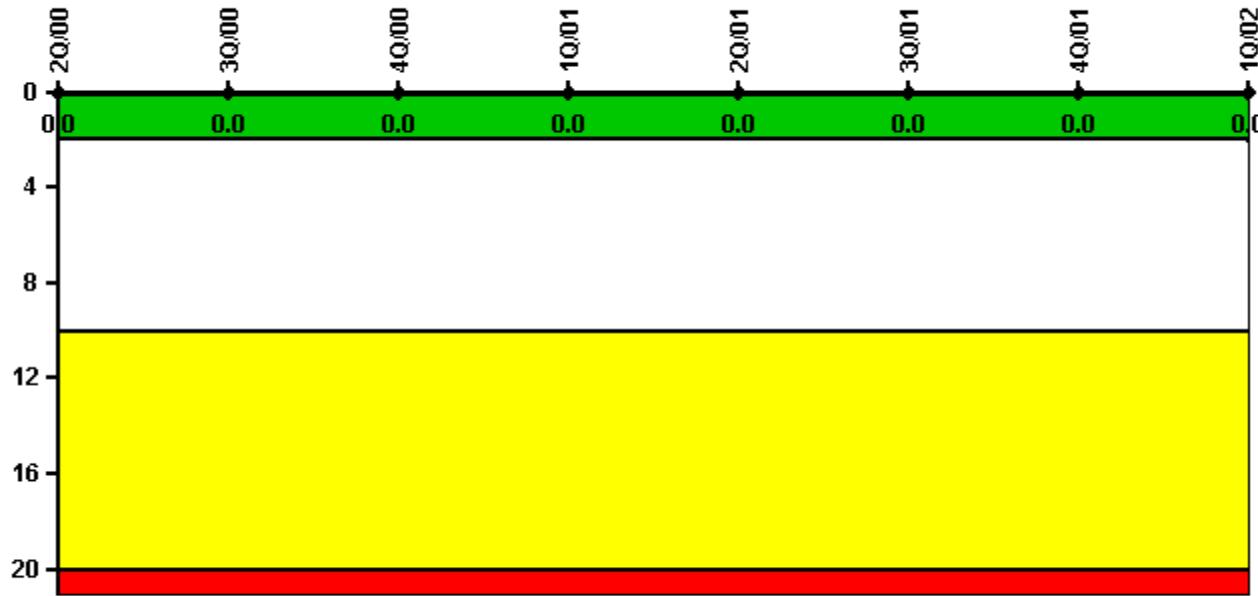
**Unplanned Scrams per 7000 Critical Hrs**

Thresholds: White &gt; 3.0 Yellow &gt; 6.0 Red &gt; 25.0

**Notes**

| Unplanned Scrams per 7000 Critical Hrs | 2Q/00  | 3Q/00  | 4Q/00  | 1Q/01  | 2Q/01  | 3Q/01  | 4Q/01  | 1Q/02  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 0      | 0      | 1.0    | 0      | 0      | 0      | 0      |
| Critical hours                         | 2183.0 | 2208.0 | 2209.0 | 2123.4 | 2183.0 | 2208.0 | 2209.0 | 1585.9 |
|  |        |        |        |        |        |        |        |        |
| Indicator value                        | 0.9    | 0      | 0      | 0.8    | 0.8    | 0.8    | 0.8    | 0      |

Licensee Comments: none

**Scrams with Loss of Normal Heat Removal**

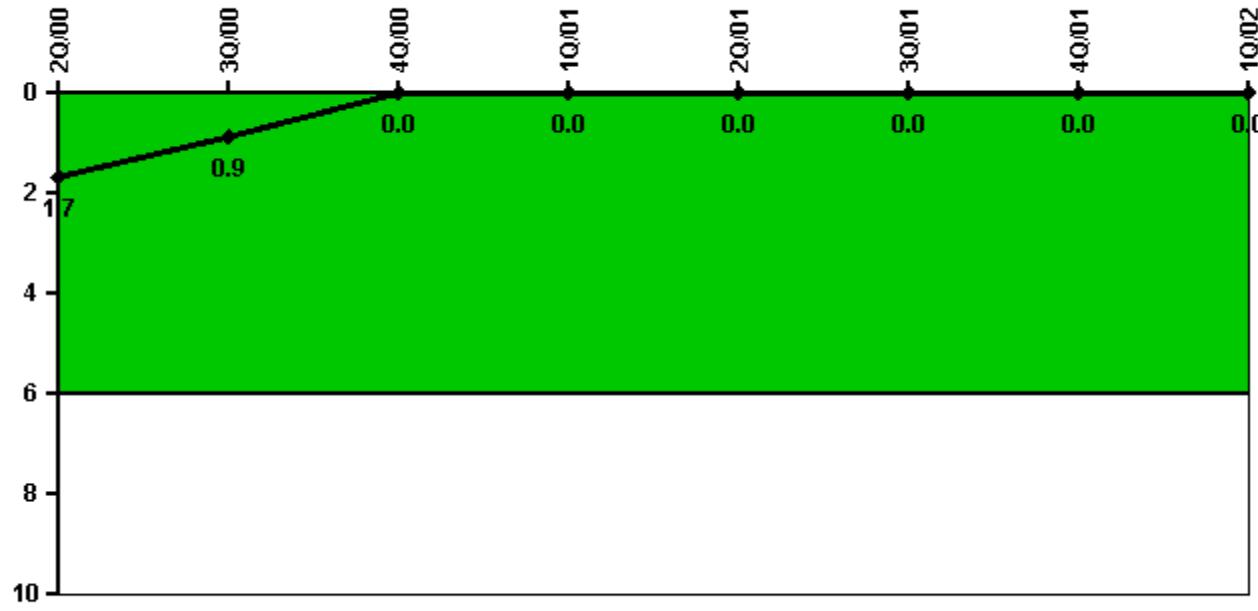
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

**Notes**

| Scrams with Loss of Normal Heat Removal | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams                                  | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
|   |       |       |       |       |       |       |       |       |
| Indicator value                         | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

### Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

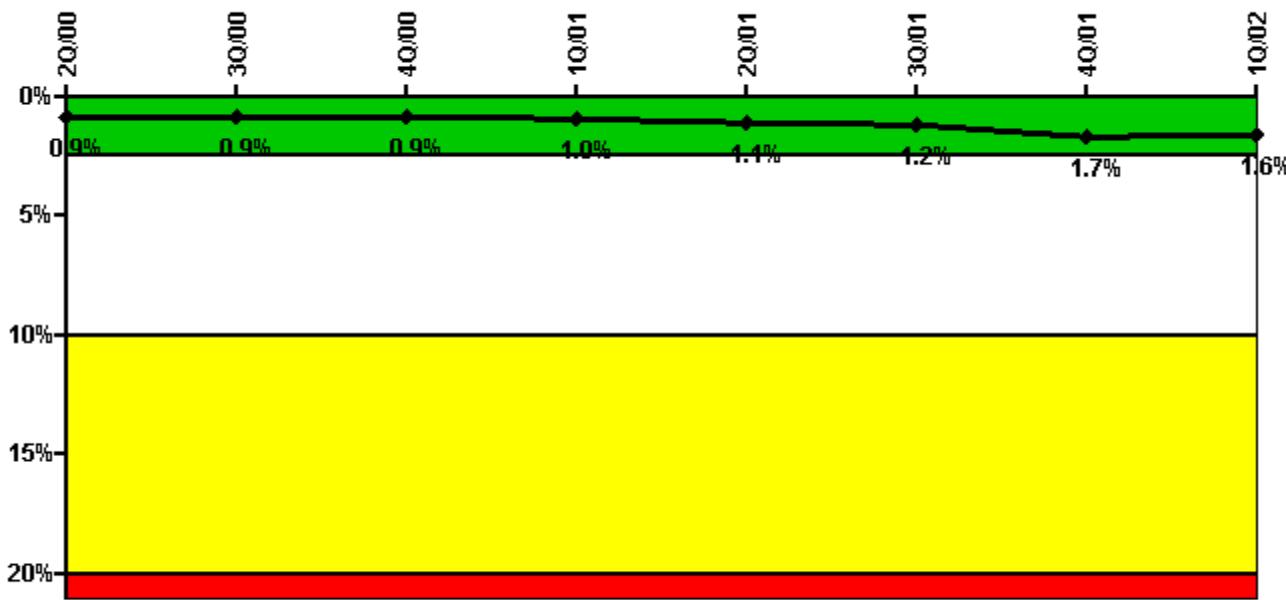
#### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 2Q/00  | 3Q/00  | 4Q/00  | 1Q/01  | 2Q/01  | 3Q/01  | 4Q/01  | 1Q/02  |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes                       | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Critical hours                                | 2183.0 | 2208.0 | 2209.0 | 2123.4 | 2183.0 | 2208.0 | 2209.0 | 1585.9 |
| Indicator value                               | 1.7    | 0.9    | 0      | 0      | 0      | 0      | 0      | 0      |

Licensee Comments: none

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## Safety System Unavailability, Emergency AC Power, >2EDG



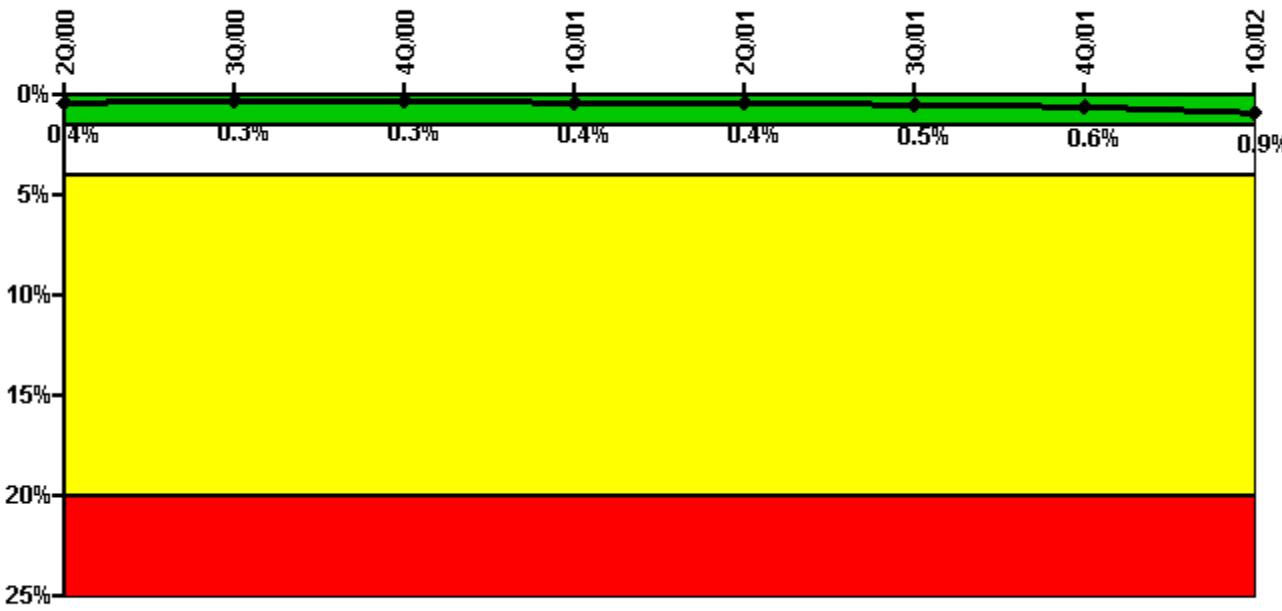
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

### Notes

| Safety System Unavailability, Emergency AC Power, >2EDG | 2Q/00       | 3Q/00       | 4Q/00       | 1Q/01       | 2Q/01       | 3Q/01       | 4Q/01       | 1Q/02       |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 0.85        | 9.73        | 18.22       | 26.20       | 0.75        | 0.85        | 61.00       | 0.50        |
| Unplanned unavailable hours                             | 17.00       | 0           | 0.75        | 23.43       | 0           | 0           | 0           | 0           |
| Fault exposure hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 336.00      | 0           |
| Effective Reset hours                                   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     |
| <b>Train 2</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 1.05        | 5.93        | 1.00        | 30.63       | 0.75        | 1.25        | 24.05       | 0.75        |
| Unplanned unavailable hours                             | 0           | 0           | 0           | 0           | 0           | 0           | 13.40       | 0           |
| Fault exposure hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     |
| <b>Train 3</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 43.90       | 0.75        | 2.31        | 35.55       | 29.52       | 54.98       | 2.13        | 11.17       |
| Unplanned unavailable hours                             | 0           | 0           | 0           | 0           | 0           | 22.27       | 0           | 0           |
| Fault exposure hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     |
| <b>Indicator value</b>                                  | <b>0.9%</b> | <b>0.9%</b> | <b>0.9%</b> | <b>1.0%</b> | <b>1.1%</b> | <b>1.2%</b> | <b>1.7%</b> | <b>1.6%</b> |

Licensee Comments: none

## Safety System Unavailability, High Pressure Injection System (HPCS)



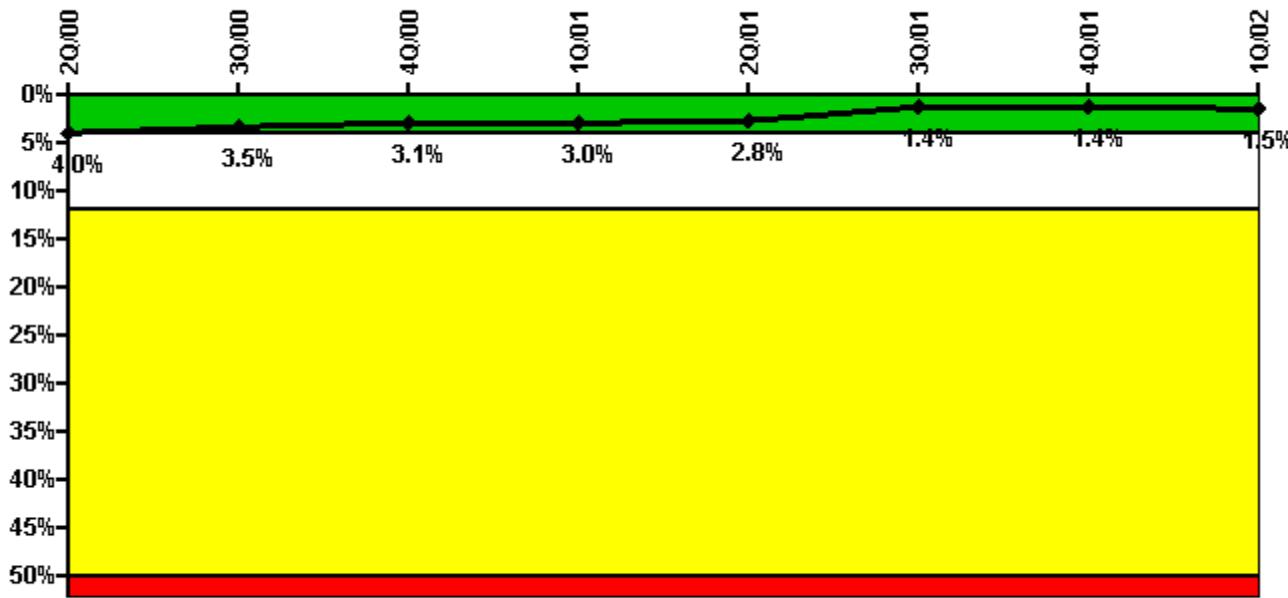
Thresholds: White > 1.5% Yellow > 4.0% Red > 20.0%

### Notes

| Safety System Unavailability, High Pressure Injection System (HPCS) | 2Q/00       | 3Q/00       | 4Q/00       | 1Q/01       | 2Q/01       | 3Q/01       | 4Q/01       | 1Q/02       |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours   | 4.60        | 2.70        | 2.70        | 19.40       | 23.60       | 24.50       | 28.33       | 78.75       |
| Unplanned unavailable hours   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Fault exposure hours  | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2183.00     | 2208.00     | 2209.00     | 2123.40     | 2183.00     | 2208.00     | 2209.00     | 1585.90     |
| <b>Indicator value</b>  | <b>0.4%</b> | <b>0.3%</b> | <b>0.3%</b> | <b>0.4%</b> | <b>0.4%</b> | <b>0.5%</b> | <b>0.6%</b> | <b>0.9%</b> |

Licensee Comments: none

## Safety System Unavailability, Heat Removal System (RCIC)



Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

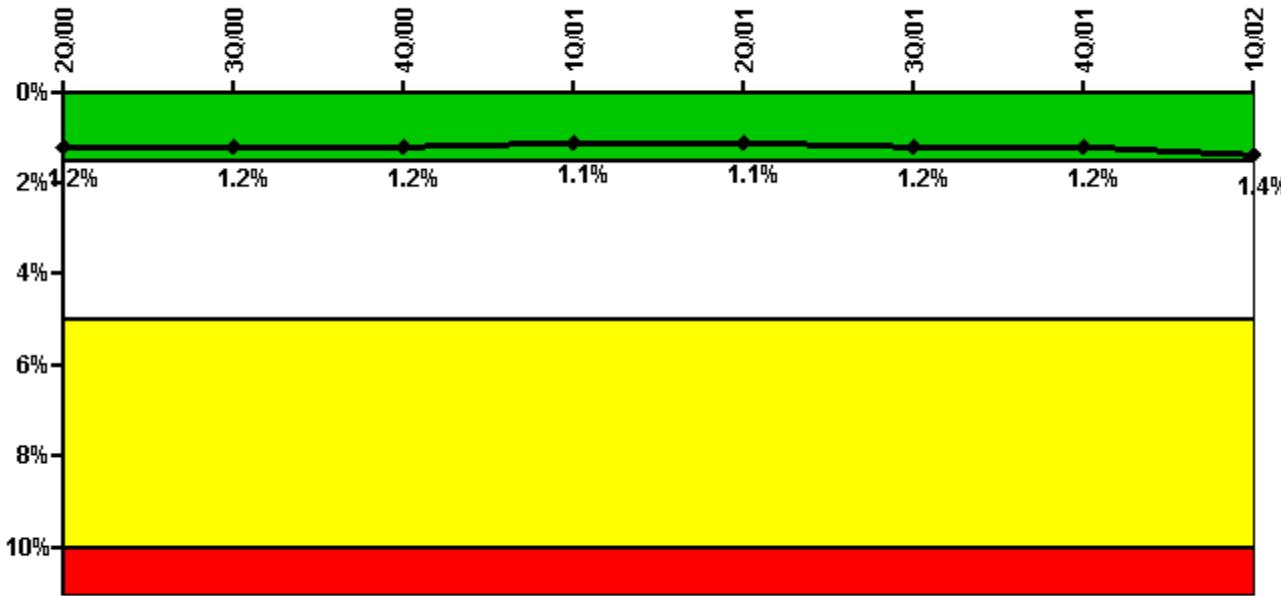
### Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 2Q/00       | 3Q/00       | 4Q/00       | 1Q/01       | 2Q/01       | 3Q/01       | 4Q/01       | 1Q/02       |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                | 92.30       | 6.50        | 1.80        | 32.30       | 11.60       | 1.90        | 59.30       | 23.90       |
| Unplanned unavailable hours                              | 20.40       | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Fault exposure hours                                     | 5.40        | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 2183.00     | 2208.00     | 2209.00     | 2123.40     | 2183.00     | 2208.00     | 2209.00     | 1585.90     |
| <b>Indicator value</b>                                   | <b>4.0%</b> | <b>3.5%</b> | <b>3.1%</b> | <b>3.0%</b> | <b>2.8%</b> | <b>1.4%</b> | <b>1.4%</b> | <b>1.5%</b> |

### Licensee Comments:

2Q/01: Procedure LIS-RI-115 was previously performed during outages. The procedure was performed on-line for the first time and subsequently reviewed for its effect on RCIC operability. It was determined that performance of the procedure caused RCIC to be unavailable for 8.5 hours.

## Safety System Unavailability, Residual Heat Removal System

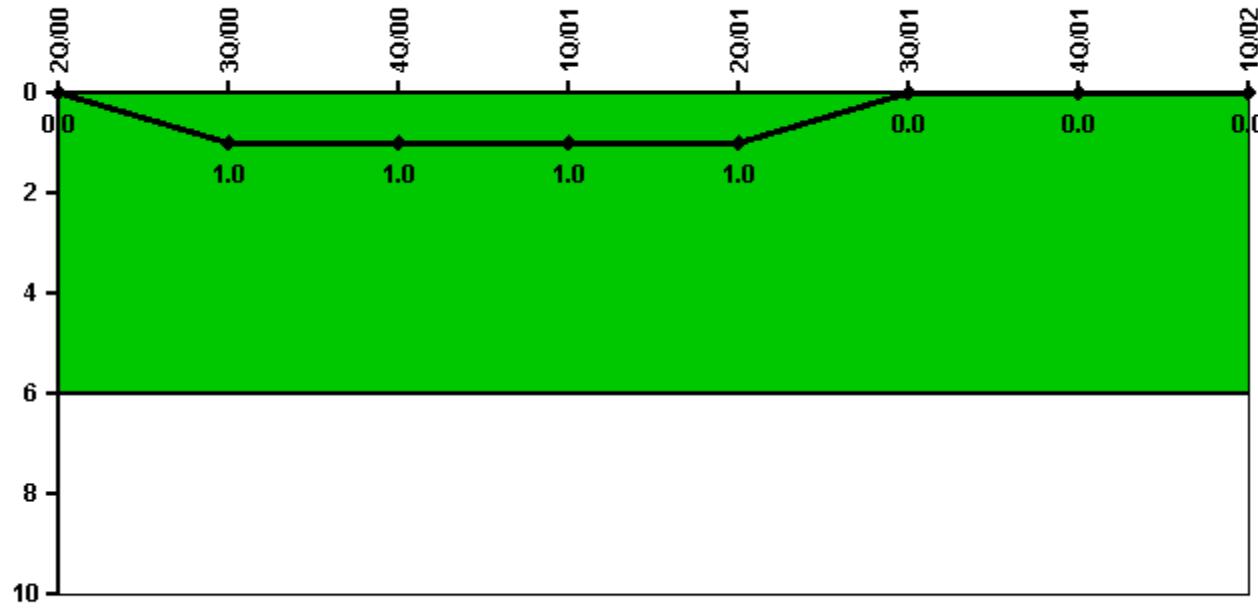


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

### Notes

| Safety System Unavailability, Residual Heat Removal System | 2Q/00       | 3Q/00       | 4Q/00       | 1Q/01       | 2Q/01       | 3Q/01       | 4Q/01       | 1Q/02       |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                  | 39.40       | 2.60        | 0           | 41.40       | 0           | 0           | 8.50        | 0           |
| Unplanned unavailable hours                                | 0           | 0           | 0           | 30.70       | 0           | 0           | 0           | 0           |
| Fault exposure hours                                       | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                      | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     |
| <b>Train 2</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                  | 9.10        | 0.70        | 0           | 20.80       | 0           | 24.30       | 9.90        | 98.50       |
| Unplanned unavailable hours                                | 0           | 4.60        | 0           | 0           | 0           | 5.90        | 12.80       | 0           |
| Fault exposure hours                                       | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                      | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     |
| <b>Indicator value</b>                                     | <b>1.2%</b> | <b>1.2%</b> | <b>1.2%</b> | <b>1.1%</b> | <b>1.1%</b> | <b>1.2%</b> | <b>1.2%</b> | <b>1.4%</b> |

Licensee Comments: none

**Safety System Functional Failures (BWR)**

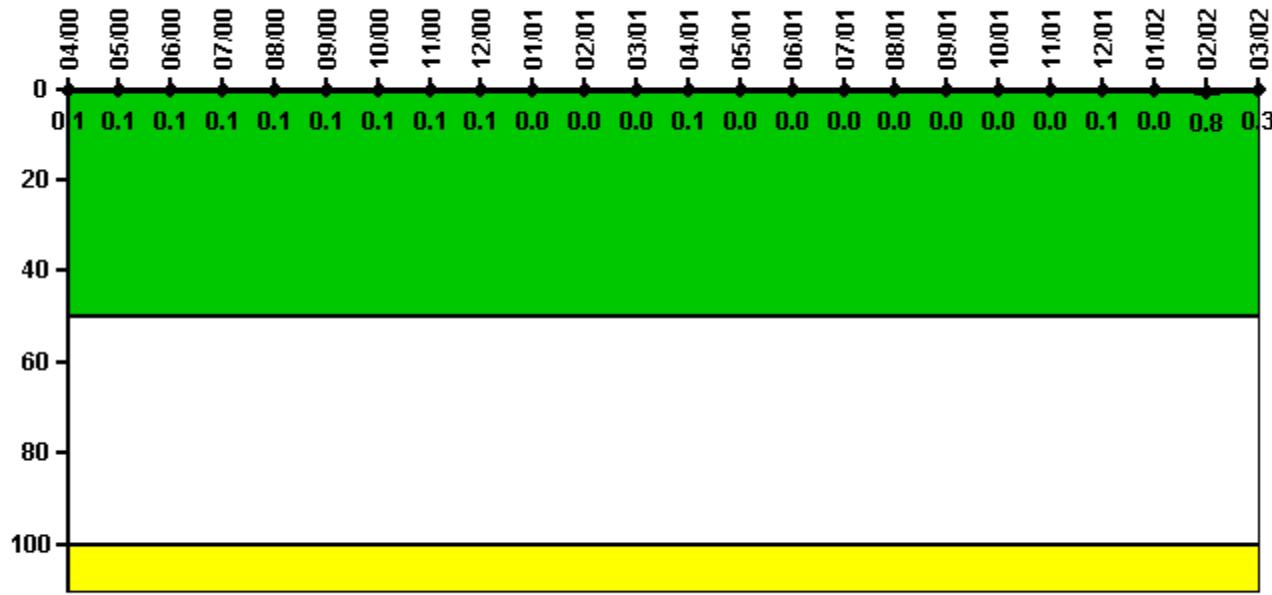
Thresholds: White > 6.0

**Notes**

| Safety System Functional Failures (BWR) | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures       | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                         | 0     | 1     | 1     | 1     | 1     | 0     | 0     | 0     |

Licensee Comments: none

## Reactor Coolant System Activity



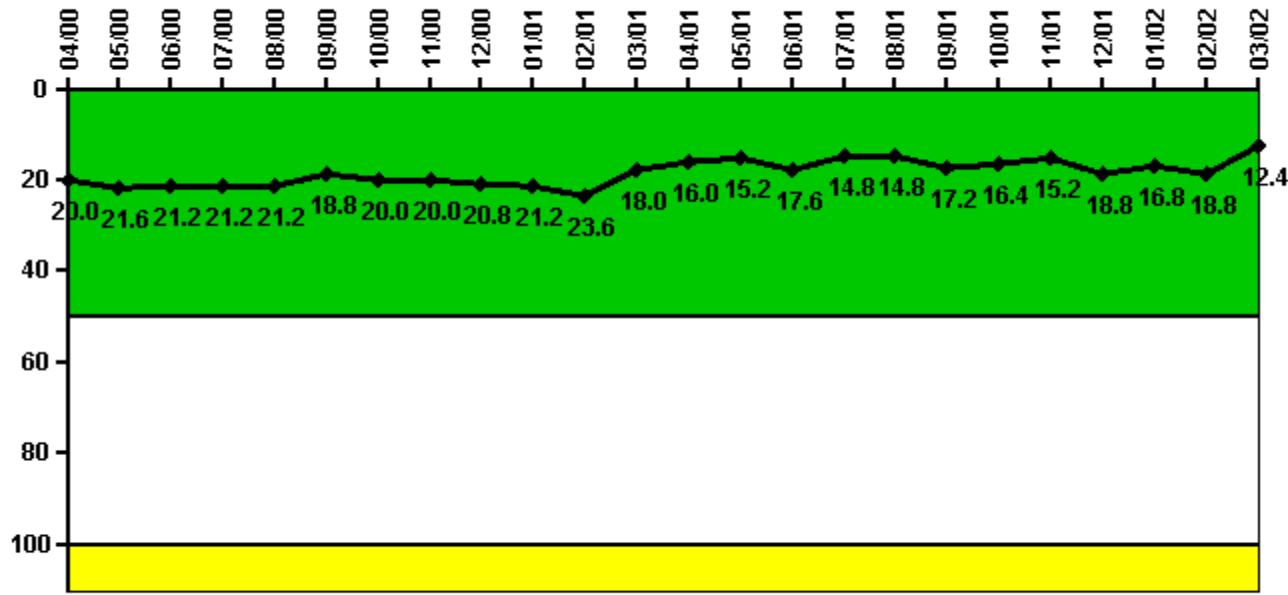
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Activity | 4/00       | 5/00       | 6/00       | 7/00       | 8/00       | 9/00       | 10/00      | 11/00      | 12/00      | 1/01     | 2/01       | 3/01       |
|---------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|----------|------------|------------|
| Maximum activity                | 0.000250   | 0.000150   | 0.000200   | 0.000120   | 0.000120   | 0.000130   | 0.000100   | 0.000100   | 0.000100   | 0.000087 | 0.000086   | 0.000095   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2      | 0.2        | 0.2        |
| Indicator value                 | <b>0.1</b> | <b>0</b> | <b>0</b>   | <b>0</b>   |
| Reactor Coolant System Activity | 4/01       | 5/01       | 6/01       | 7/01       | 8/01       | 9/01       | 10/01      | 11/01      | 12/01      | 1/02     | 2/02       | 3/02       |
| Maximum activity                | 0.000110   | 0.000096   | 0.000096   | 0.000069   | 0.000075   | 0.000076   | 0.000089   | 0.000087   | 0.000110   | 0.000093 | 0.001690   | 0.000678   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2      | 0.2        | 0.2        |
| Indicator value                 | <b>0.1</b> | <b>0</b>   | <b>0.1</b> | <b>0</b> | <b>0.8</b> | <b>0.3</b> |

Licensee Comments: none

## Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

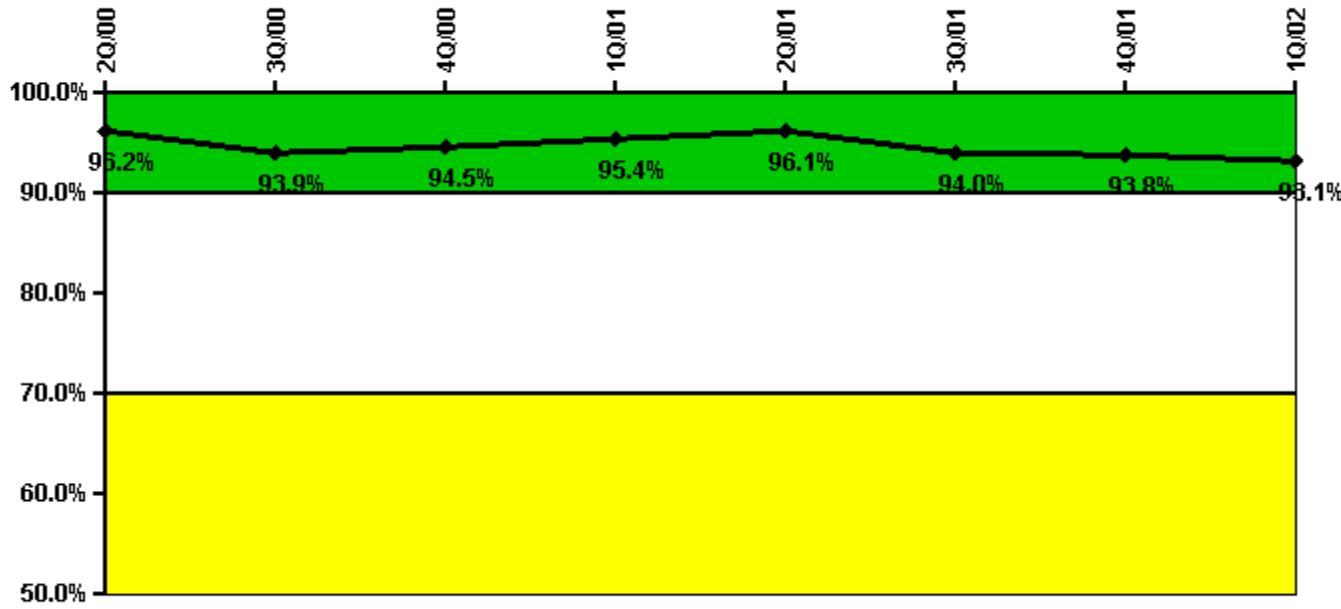
### Notes

| Reactor Coolant System Leakage | 4/00  | 5/00  | 6/00  | 7/00  | 8/00  | 9/00  | 10/00 | 11/00 | 12/00 | 1/01  | 2/01  | 3/01  |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage                | 5.000 | 5.400 | 5.300 | 5.300 | 5.300 | 4.700 | 5.000 | 5.000 | 5.200 | 5.300 | 5.900 | 4.500 |
| Technical specification limit  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  |
|                                |       |       |       |       |       |       |       |       |       |       |       |       |
| Indicator value                | 20.0  | 21.6  | 21.2  | 21.2  | 21.2  | 18.8  | 20.0  | 20.0  | 20.8  | 21.2  | 23.6  | 18.0  |
| Reactor Coolant System Leakage | 4/01  | 5/01  | 6/01  | 7/01  | 8/01  | 9/01  | 10/01 | 11/01 | 12/01 | 1/02  | 2/02  | 3/02  |
| Maximum leakage                | 4.000 | 3.800 | 4.400 | 3.700 | 3.700 | 4.300 | 4.100 | 3.800 | 4.700 | 4.200 | 4.700 | 3.100 |
| Technical specification limit  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  |
|                                |       |       |       |       |       |       |       |       |       |       |       |       |
| Indicator value                | 16.0  | 15.2  | 17.6  | 14.8  | 14.8  | 17.2  | 16.4  | 15.2  | 18.8  | 16.8  | 18.8  | 12.4  |

Licensee Comments: none

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### Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

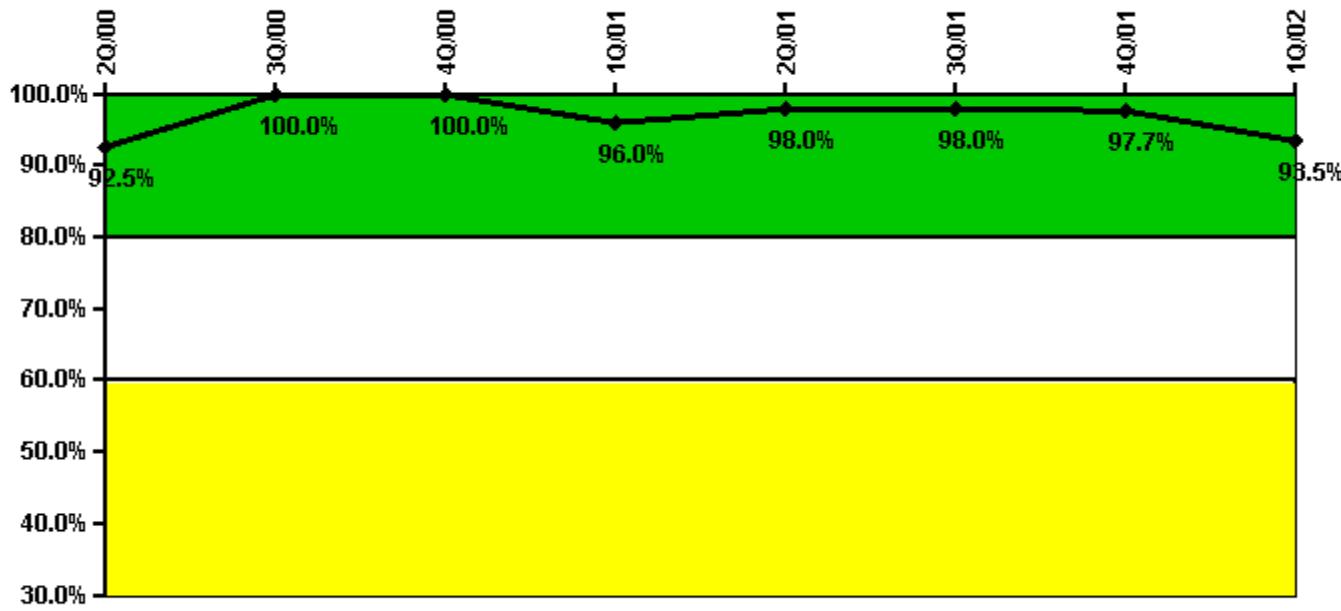
#### Notes

| Drill/Exercise Performance | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities   | 19.0  | 42.0  | 14.0  | 20.0  | 11.0  | 30.0  | 9.0   | 18.0  |
| Total opportunities        | 20.0  | 46.0  | 14.0  | 20.0  | 11.0  | 34.0  | 10.0  | 20.0  |
|                            |       |       |       |       |       |       |       |       |
| Indicator value            | 96.2% | 93.9% | 94.5% | 95.4% | 96.1% | 94.0% | 93.8% | 93.1% |

Licensee Comments: none

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### ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

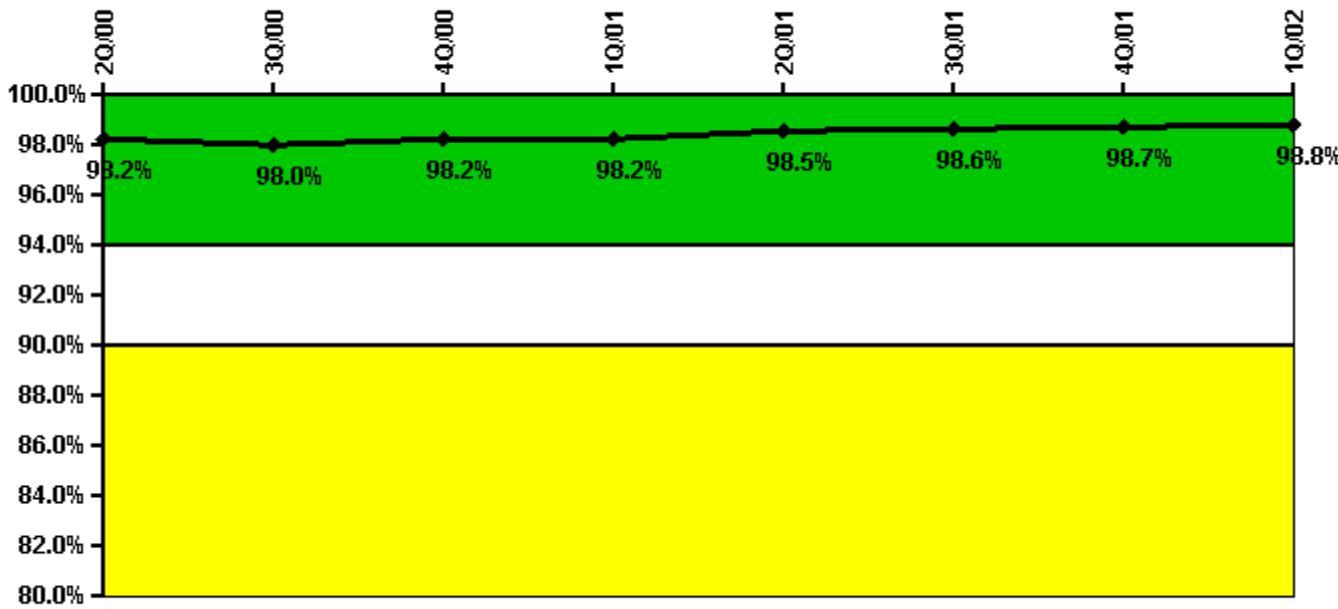
#### Notes

| ERO Drill Participation     | 2Q/00 | 3Q/00  | 4Q/00  | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 |
|-----------------------------|-------|--------|--------|-------|-------|-------|-------|-------|
| Participating Key personnel | 49.0  | 56.0   | 51.0   | 48.0  | 48.0  | 49.0  | 43.0  | 43.0  |
| Total Key personnel         | 53.0  | 56.0   | 51.0   | 50.0  | 49.0  | 50.0  | 44.0  | 46.0  |
| Indicator value             | 92.5% | 100.0% | 100.0% | 96.0% | 98.0% | 98.0% | 97.7% | 93.5% |

Licensee Comments: none

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## Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

### Notes

| Alert & Notification System | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests      | 2129  | 2093  | 2117  | 2240  | 2254  | 2202  | 2160  | 2120  |
| Total sirens-tests          | 2176  | 2142  | 2142  | 2278  | 2278  | 2244  | 2176  | 2142  |
| Indicator value             | 98.2% | 98.0% | 98.2% | 98.2% | 98.5% | 98.6% | 98.7% | 98.8% |

### Licensee Comments:

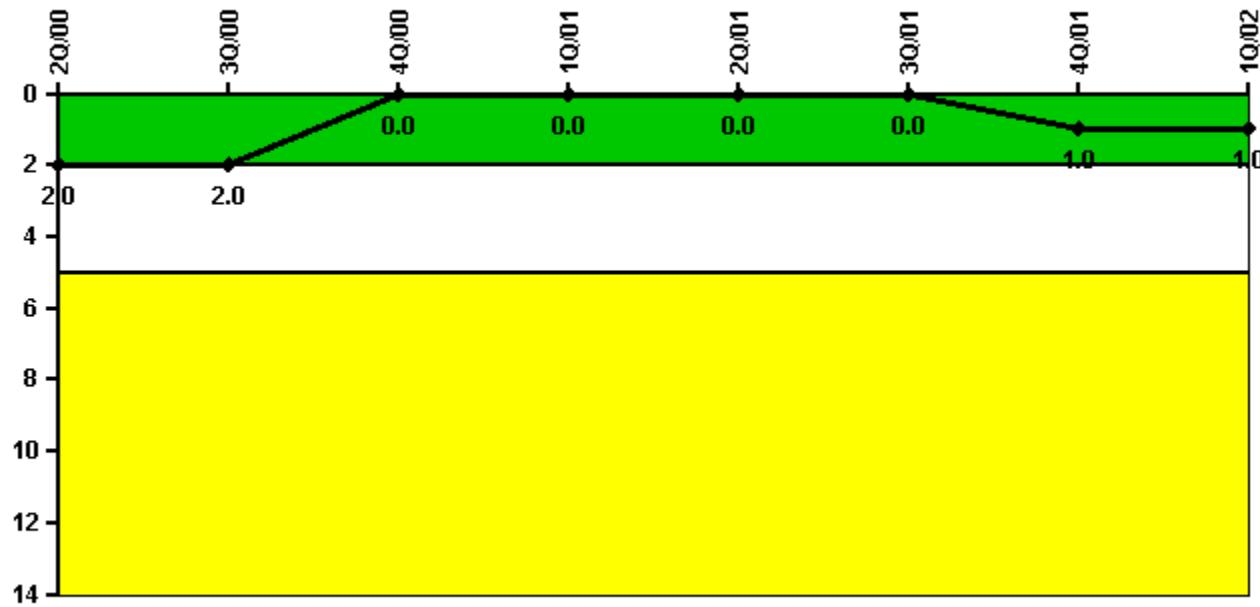
4Q/01: A revision has been made to previously submitted data for the Alert and Notification System (ANS) Reliability indicator that was collected under the Exelon Mid-West Regional Operating Group standard testing program. It was determined there was one day each month where both a full test and a silent test of ANS sirens was performed; however, only one of these tests had been reported. Ten months of data in 2001 were affected and have been revised (1-01, 2-01, 3-01, 4-01, 5-01, 6-01, 7-01, 8-01, 9-01, and 11-01). The change to the data does not affect the color of the indicator.

3Q/01: A revision has been made to previously submitted data for the Alert and Notification System (ANS) Reliability indicator that was collected under the Exelon Mid-West Regional Operating Group standard testing program. It was determined there was one day each month where both a full test and a silent test of ANS sirens was performed; however, only one of these tests had been reported. Ten months of data in 2001 were affected and have been revised (1-01, 2-01, 3-01, 4-01, 5-01, 6-01, 7-01, 8-01, 9-01, and 11-01). The change to the data does not affect the color of the indicator.

2Q/01: A revision has been made to previously submitted data for the Alert and Notification System (ANS) Reliability indicator that was collected under the Exelon Mid-West Regional Operating Group standard testing program. It was determined there was one day each month where both a full test and a silent test of ANS sirens was performed; however, only one of these tests had been reported. Ten months of data in 2001 were affected and have been revised (1-01, 2-01, 3-01, 4-01, 5-01, 6-01, 7-01, 8-01, 9-01, and 11-01). The change to the data does not affect the color of the indicator.

1Q/01: A revision has been made to previously submitted data for the Alert and Notification System (ANS) Reliability indicator that was collected under the Exelon Mid-West Regional Operating Group standard testing program. It was determined there was one day each month where both a full test and a silent test of ANS sirens was performed; however, only one of these tests had been reported. Ten months of data in 2001 were affected and have been revised (1-01, 2-01, 3-01, 4-01, 5-01, 6-01, 7-01, 8-01, 9-01, and 11-01). The change to the data does not affect the color of the indicator.

### Occupational Exposure Control Effectiveness

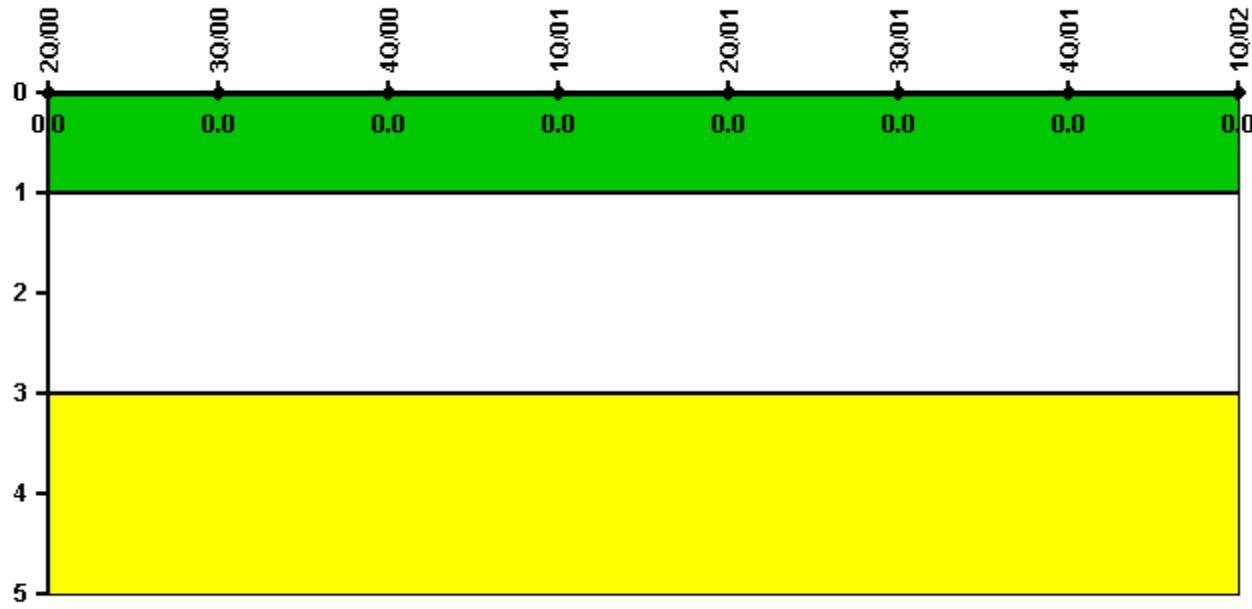


Thresholds: White > 2.0 Yellow > 5.0

#### Notes

| Occupational Exposure Control Effectiveness | 2Q/00    | 3Q/00    | 4Q/00    | 1Q/01    | 2Q/01    | 3Q/01    | 4Q/01    | 1Q/02    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>2</b> | <b>2</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>1</b> | <b>1</b> |

Licensee Comments: none

**RETS/ODCM Radiological Effluent**

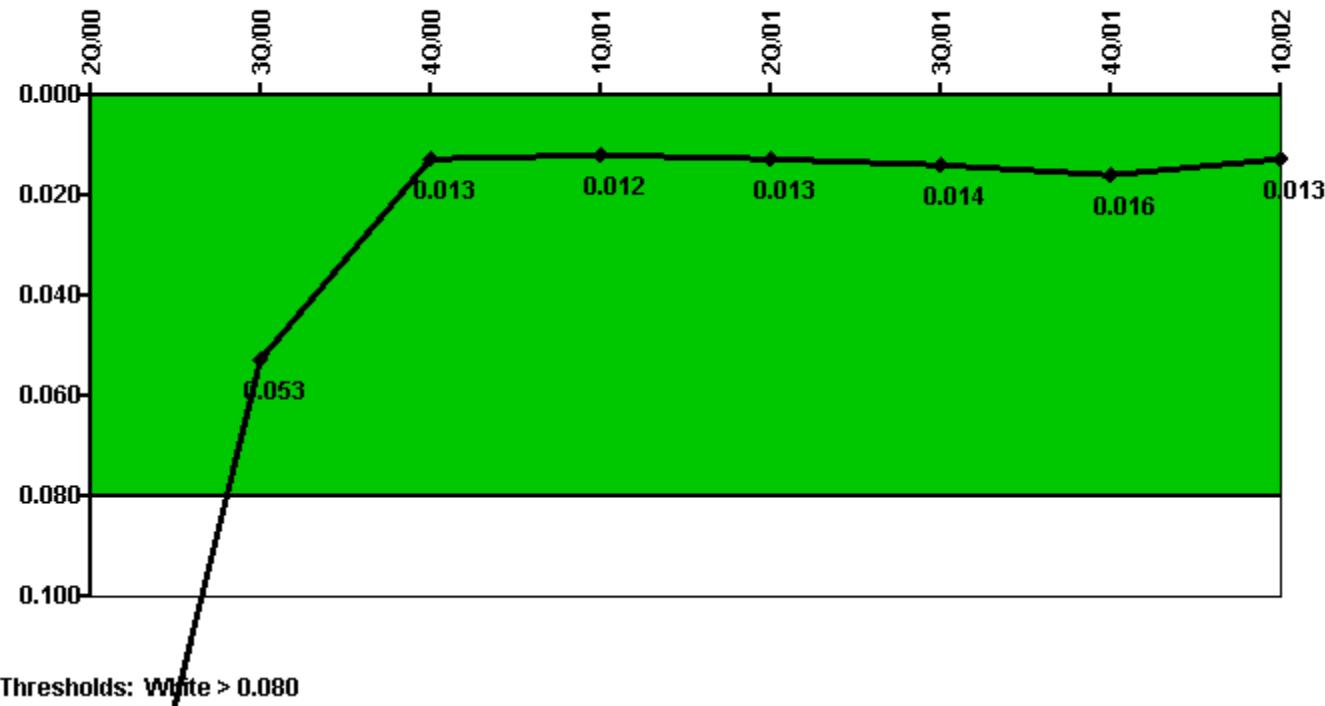
Thresholds: White > 1.0 Yellow > 3.0

**Notes**

| RETS/ODCM Radiological Effluent | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
|                                 |       |       |       |       |       |       |       |       |
| Indicator value                 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

## Protected Area Security Performance Index

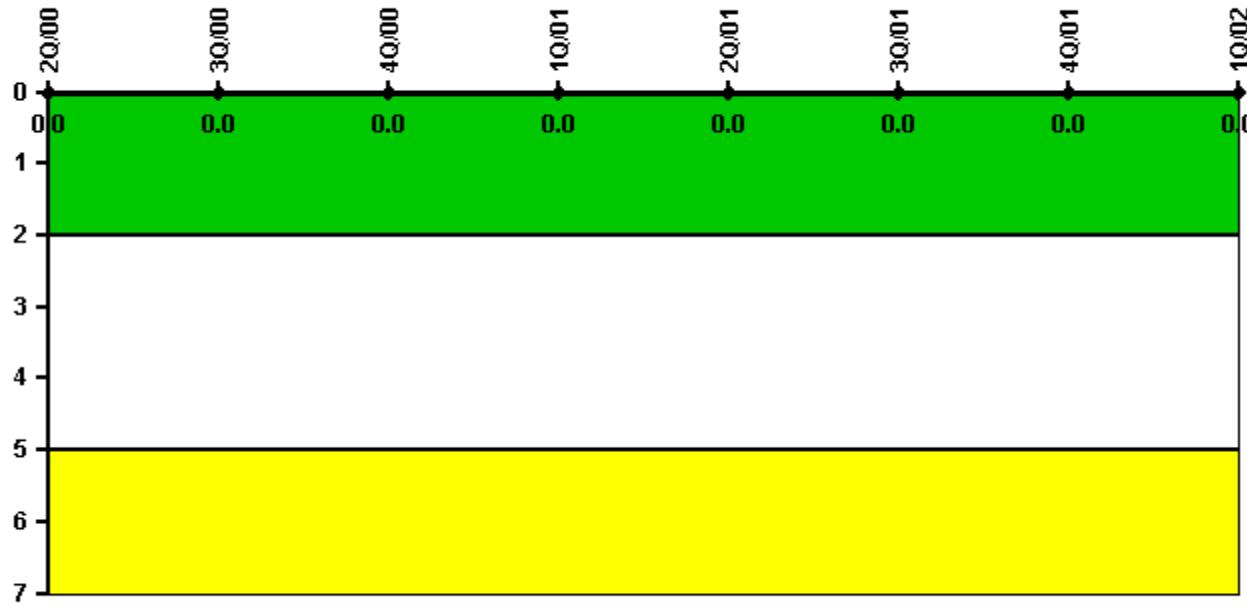


### Notes

| Protected Area Security Performance Index | 2Q/00        | 3Q/00        | 4Q/00        | 1Q/01        | 2Q/01        | 3Q/01        | 4Q/01        | 1Q/02        |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| IDS compensatory hours                    | 12.60        | 30.50        | 31.30        | 75.10        | 51.60        | 95.90        | 68.40        | 10.80        |
| CCTV compensatory hours                   | 32.0         | 30.7         | 20.0         | 0            | 17.6         | 0.4          | 24.6         | 0            |
| IDS normalization factor                  | 1.20         | 1.20         | 1.20         | 1.20         | 1.20         | 1.20         | 1.20         | 1.20         |
| CCTV normalization factor                 | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          |
| <b>Index Value</b>                        | <b>0.190</b> | <b>0.053</b> | <b>0.013</b> | <b>0.012</b> | <b>0.013</b> | <b>0.014</b> | <b>0.016</b> | <b>0.013</b> |

Licensee Comments: none

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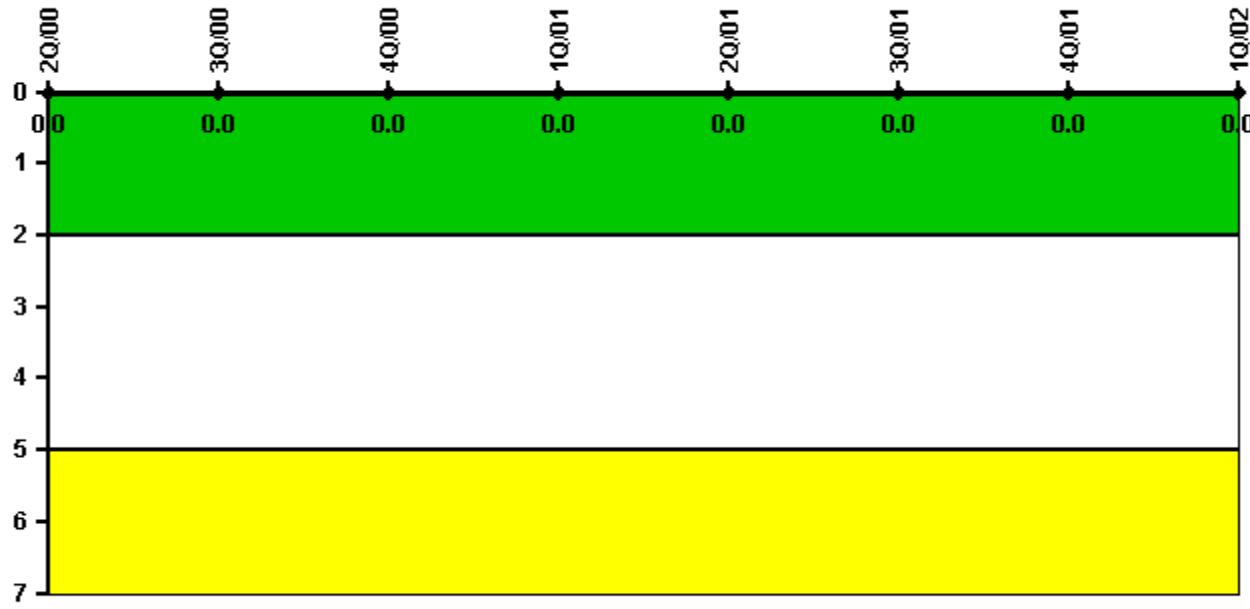
**Personnel Screening Program**

Thresholds: White > 2.0 Yellow > 5.0

**Notes**

| Personnel Screening Program | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Program failures            | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value             | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

**FFD/Personnel Reliability**

Thresholds: White > 2.0 Yellow > 5.0

**Notes**

| FFD/Personnel Reliability | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 |
|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Program Failures          | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
|                           |       |       |       |       |       |       |       |       |
| Indicator value           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none



[PI Summary](#) | [Inspection Findings Summary](#) | [Reactor Oversight Process](#)

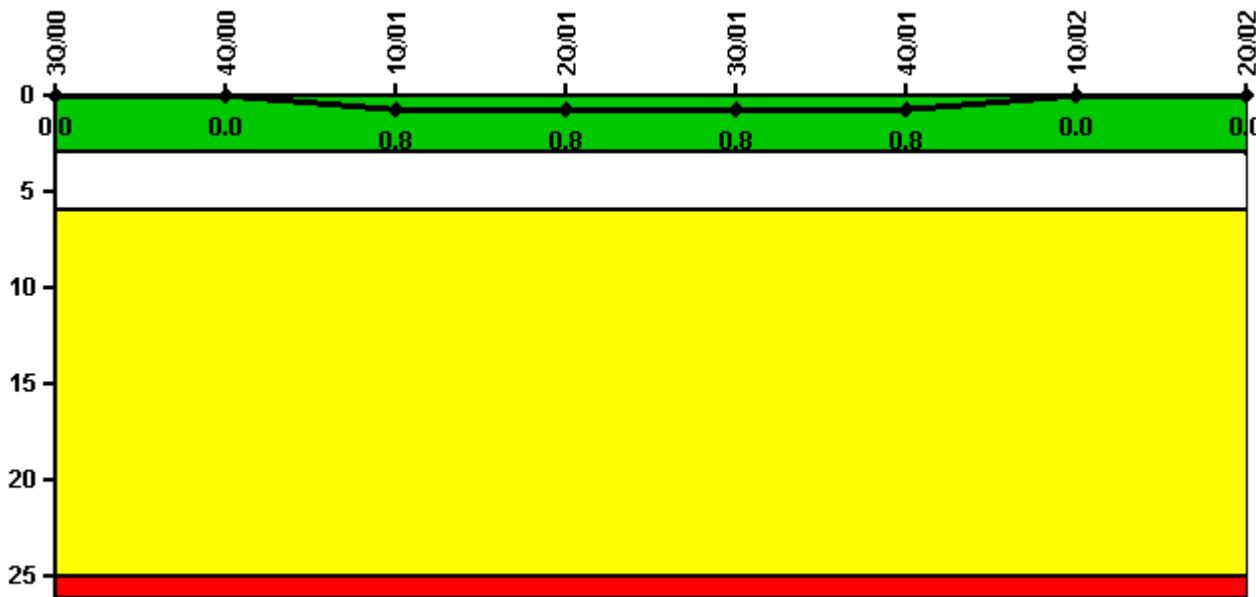
Last Modified: May 1, 2002

# La Salle 1

## 2Q/2002 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs

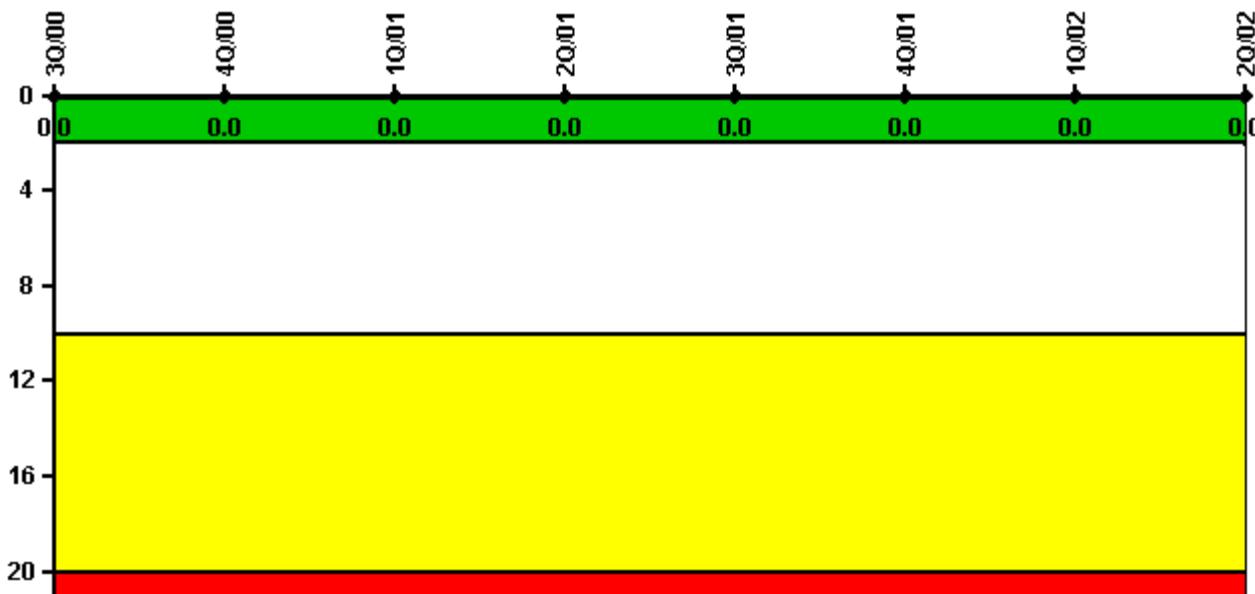


Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

#### Notes

| Unplanned Scrams per 7000 Critical Hrs | 3Q/00  | 4Q/00  | 1Q/01  | 2Q/01  | 3Q/01  | 4Q/01  | 1Q/02  | 2Q/02  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 0      | 1.0    | 0      | 0      | 0      | 0      | 0      |
| Critical hours                         | 2208.0 | 2209.0 | 2123.4 | 2183.0 | 2208.0 | 2209.0 | 1585.9 | 1994.3 |
| Indicator value                        | 0      | 0      | 0.8    | 0.8    | 0.8    | 0.8    | 0      | 0      |

Licensee Comments: none

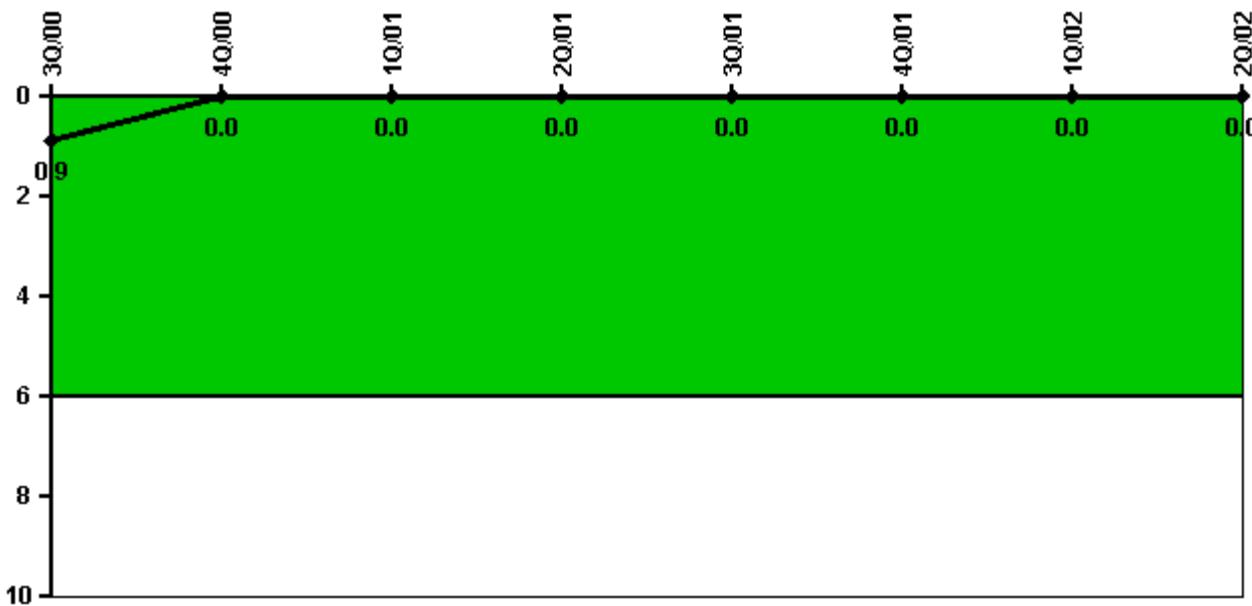
**Scrams with Loss of Normal Heat Removal**

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

**Notes**

| Scrams with Loss of Normal Heat Removal | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams                                  | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                         | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

**Unplanned Power Changes per 7000 Critical Hrs**

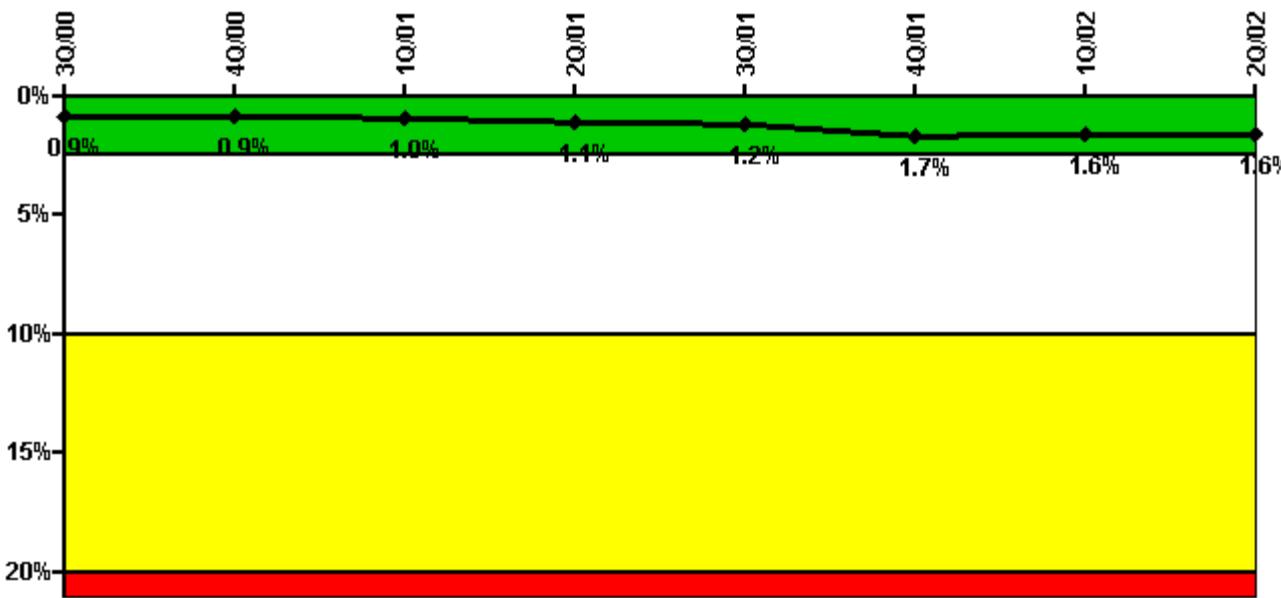
Thresholds: White > 6.0

**Notes**

| Unplanned Power Changes per 7000 Critical Hrs | 3Q/00  | 4Q/00  | 1Q/01  | 2Q/01  | 3Q/01  | 4Q/01  | 1Q/02  | 2Q/02  |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes                       | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Critical hours                                | 2208.0 | 2209.0 | 2123.4 | 2183.0 | 2208.0 | 2209.0 | 1585.9 | 1994.3 |
| Indicator value                               | 0.9    | 0      | 0      | 0      | 0      | 0      | 0      | 0      |

Licensee Comments: none

## **Safety System Unavailability, Emergency AC Power, >2EDG**



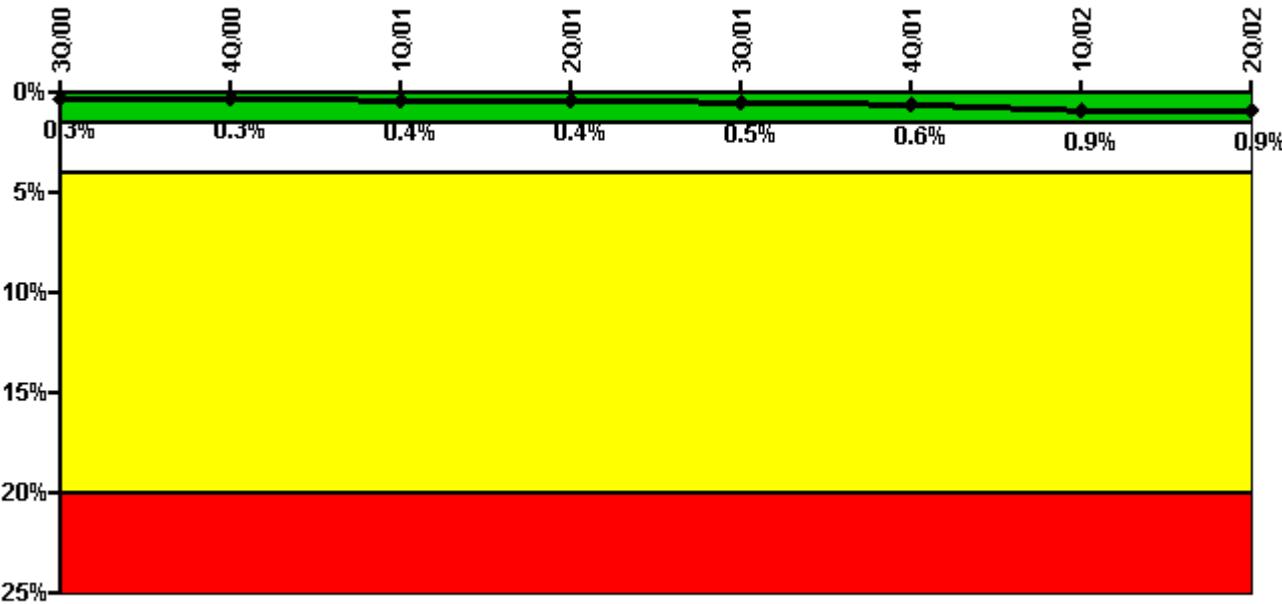
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

### Notes

| <b>Safety System Unavailability, Emergency AC Power, &gt;2EDG</b> |  | <b>3Q/00</b> | <b>4Q/00</b> | <b>1Q/01</b> | <b>2Q/01</b> | <b>3Q/01</b> | <b>4Q/01</b> | <b>1Q/02</b> | <b>2Q/02</b> |
|---|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <b>Train 1</b>  |  |              |              |              |              |              |              |              |              |
| Planned unavailable hours   |  | 9.73         | 18.22        | 26.20        | 0.75         | 0.85         | 61.00        | 0.50         | 6.95         |
| Unplanned unavailable hours                                       |  | 0            | 0.75         | 23.43        | 0            | 0            | 0            | 0            | 0            |
| Fault exposure hours  |  | 0            | 0            | 0            | 0            | 0            | 336.00       | 0            | 0            |
| Effective Reset hours   |  | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| Required hours  |  | 2208.00      | 2209.00      | 2160.00      | 2183.00      | 2208.00      | 2209.00      | 2160.00      | 2183.00      |
| <b>Train 2</b>  |  |              |              |              |              |              |              |              |              |
| Planned unavailable hours   |  | 5.93         | 1.00         | 30.63        | 0.75         | 1.25         | 24.05        | 0.75         | 72.72        |
| Unplanned unavailable hours                                       |  | 0            | 0            | 0            | 0            | 0            | 13.40        | 0            | 0            |
| Fault exposure hours  |  | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| Effective Reset hours   |  | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| Required hours  |  | 2208.00      | 2209.00      | 2160.00      | 2183.00      | 2208.00      | 2209.00      | 2160.00      | 2183.00      |
| <b>Train 3</b>  |  |              |              |              |              |              |              |              |              |
| Planned unavailable hours   |  | 0.75         | 2.31         | 35.55        | 29.52        | 54.98        | 2.13         | 11.17        | 1.25         |
| Unplanned unavailable hours                                       |  | 0            | 0            | 0            | 0            | 22.27        | 0            | 0            | 0            |
| Fault exposure hours  |  | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| Effective Reset hours   |  | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| Required hours  |  | 2208.00      | 2209.00      | 2160.00      | 2183.00      | 2208.00      | 2209.00      | 2160.00      | 2183.00      |
| <b>Indicator value</b>  |  | <b>0.9%</b>  | <b>0.9%</b>  | <b>1.0%</b>  | <b>1.1%</b>  | <b>1.2%</b>  | <b>1.7%</b>  | <b>1.6%</b>  | <b>1.6%</b>  |

Licensee Comments: none

## Safety System Unavailability, High Pressure Injection System (HPCS)



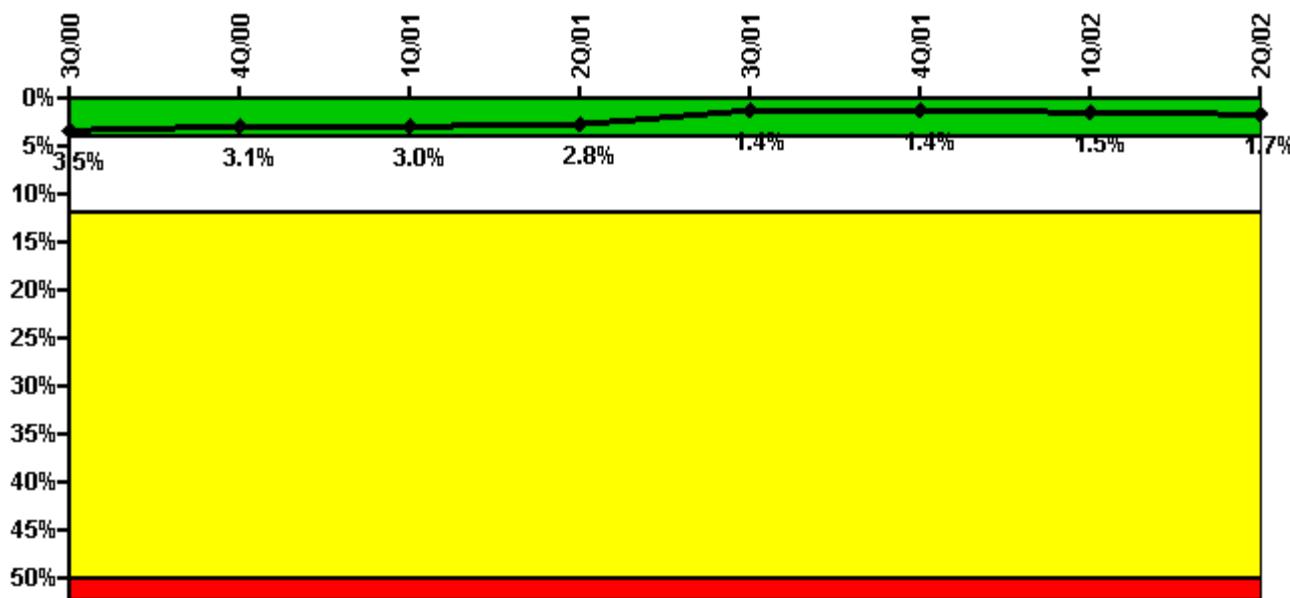
Thresholds: White > 1.5% Yellow > 4.0% Red > 20.0%

### Notes

| Safety System Unavailability, High Pressure Injection System (HPCS) | 3Q/00       | 4Q/00       | 1Q/01       | 2Q/01       | 3Q/01       | 4Q/01       | 1Q/02       | 2Q/02       |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours   | 2.70        | 2.70        | 19.40       | 23.60       | 24.50       | 28.33       | 78.75       | 0           |
| Unplanned unavailable hours   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Fault exposure hours  | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2208.00     | 2209.00     | 2123.40     | 2183.00     | 2208.00     | 2209.00     | 1585.90     | 1991.80     |
| <b>Indicator value</b>  | <b>0.3%</b> | <b>0.3%</b> | <b>0.4%</b> | <b>0.4%</b> | <b>0.5%</b> | <b>0.6%</b> | <b>0.9%</b> | <b>0.9%</b> |

Licensee Comments: none

## Safety System Unavailability, Heat Removal System (RCIC)



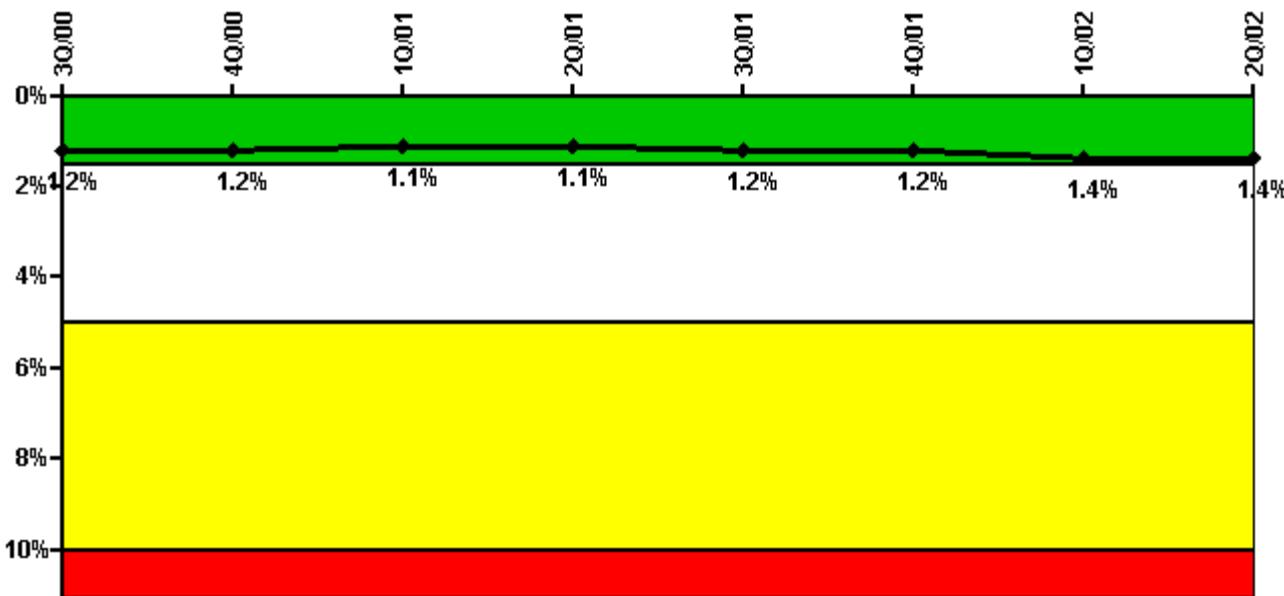
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

### Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 3Q/00       | 4Q/00       | 1Q/01       | 2Q/01       | 3Q/01       | 4Q/01       | 1Q/02       | 2Q/02       |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                | 6.50        | 1.80        | 32.30       | 11.60       | 1.90        | 59.30       | 23.90       | 33.70       |
| Unplanned unavailable hours                              | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Fault exposure hours                                     | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 2208.00     | 2209.00     | 2123.40     | 2183.00     | 2208.00     | 2209.00     | 1585.90     | 1991.80     |
| <b>Indicator value</b>                                   | <b>3.5%</b> | <b>3.1%</b> | <b>3.0%</b> | <b>2.8%</b> | <b>1.4%</b> | <b>1.4%</b> | <b>1.5%</b> | <b>1.7%</b> |

Licensee Comments: none

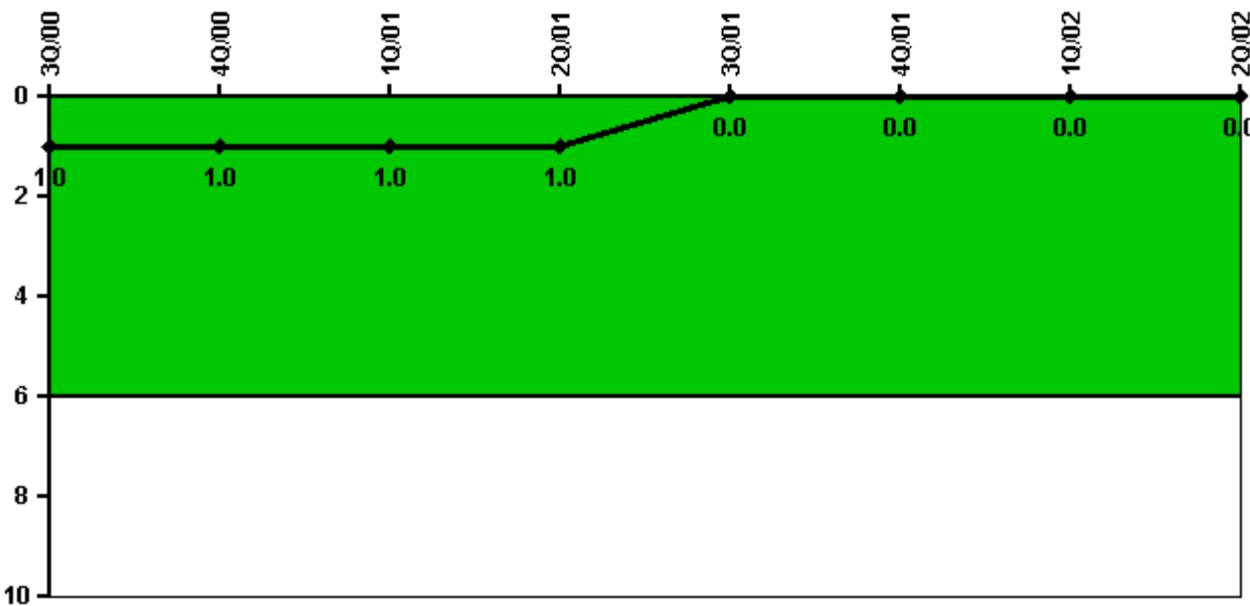
## **Safety System Unavailability, Residual Heat Removal System**



### **Notes**

| <b>Safety System Unavailability, Residual Heat Removal System</b> | <b>3Q/00</b> | <b>4Q/00</b> | <b>1Q/01</b> | <b>2Q/01</b> | <b>3Q/01</b> | <b>4Q/01</b> | <b>1Q/02</b> | <b>2Q/02</b> |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <b>Train 1</b>  |              |              |              |              |              |              |              |              |
| Planned unavailable hours   | 2.60         | 0            | 41.40        | 0            | 0            | 8.50         | 0            | 2.30         |
| Unplanned unavailable hours                                       | 0            | 0            | 30.70        | 0            | 0            | 0            | 0            | 0            |
| Fault exposure hours  | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| Effective Reset hours   | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| Required hours  | 2208.00      | 2209.00      | 2160.00      | 2183.00      | 2208.00      | 2209.00      | 2160.00      | 2183.00      |
| <b>Train 2</b>  |              |              |              |              |              |              |              |              |
| Planned unavailable hours   | 0.70         | 0            | 20.80        | 0            | 24.30        | 9.90         | 98.50        | 9.40         |
| Unplanned unavailable hours                                       | 4.60         | 0            | 0            | 0            | 5.90         | 12.80        | 0            | 0            |
| Fault exposure hours  | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| Effective Reset hours   | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| Required hours  | 2208.00      | 2209.00      | 2160.00      | 2183.00      | 2208.00      | 2209.00      | 2160.00      | 2183.00      |
| <b>Indicator value</b>  | <b>1.2%</b>  | <b>1.2%</b>  | <b>1.1%</b>  | <b>1.1%</b>  | <b>1.2%</b>  | <b>1.2%</b>  | <b>1.4%</b>  | <b>1.4%</b>  |

Licensee Comments: none

**Safety System Functional Failures (BWR)**

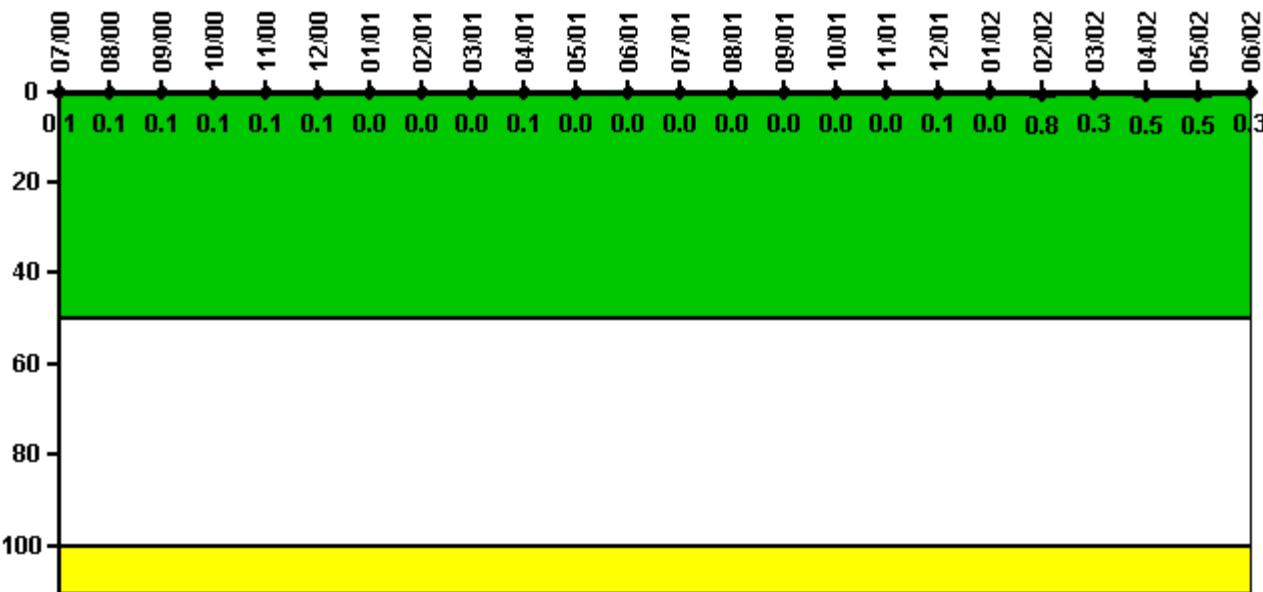
Thresholds: White > 6.0

**Notes**

| Safety System Functional Failures (BWR) | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures       | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                         | 1     | 1     | 1     | 1     | 0     | 0     | 0     | 0     |

Licensee Comments: none

### Reactor Coolant System Activity



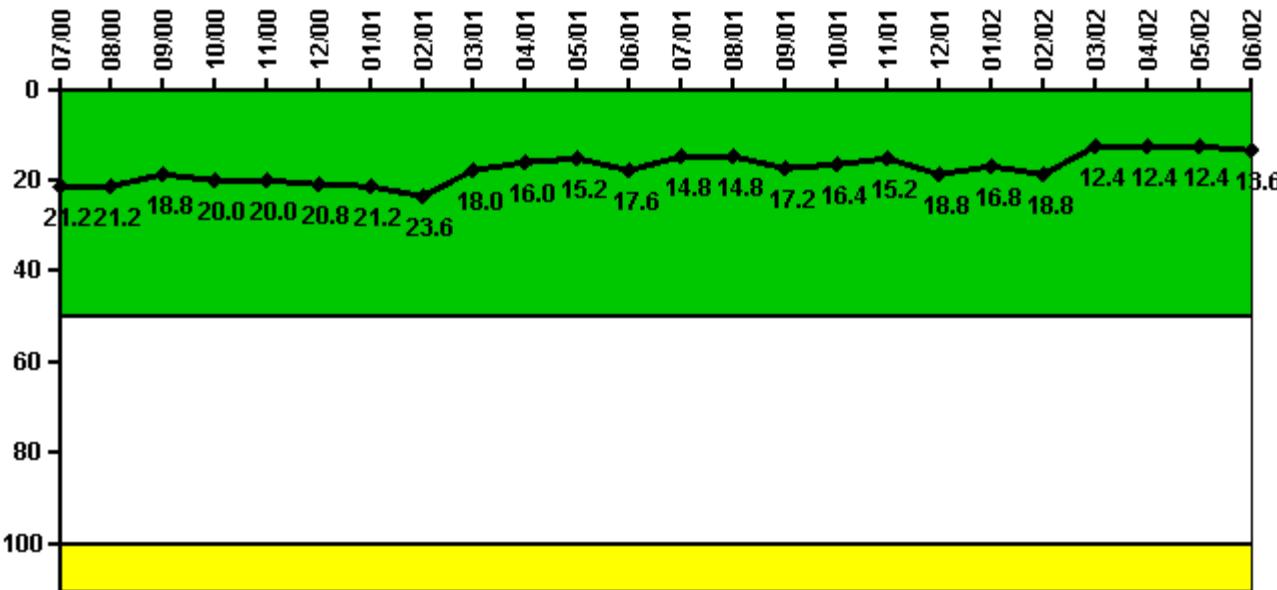
Thresholds: White > 50.0 Yellow > 100.0

#### Notes

| Reactor Coolant System Activity | 7/00       | 8/00       | 9/00       | 10/00      | 11/00      | 12/00      | 1/01     | 2/01       | 3/01       | 4/01       | 5/01       | 6/01       |
|---------------------------------|------------|------------|------------|------------|------------|------------|----------|------------|------------|------------|------------|------------|
| Maximum activity                | 0.000120   | 0.000120   | 0.000130   | 0.000100   | 0.000100   | 0.000100   | 0.000087 | 0.000086   | 0.000095   | 0.000110   | 0.000096   | 0.000096   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2      | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| <b>Indicator value</b>          | <b>0.1</b> | <b>0.1</b> | <b>0.1</b> | <b>0.1</b> | <b>0.1</b> | <b>0.1</b> | <b>0</b> | <b>0</b>   | <b>0</b>   | <b>0.1</b> | <b>0</b>   | <b>0</b>   |
| Reactor Coolant System Activity | 7/01       | 8/01       | 9/01       | 10/01      | 11/01      | 12/01      | 1/02     | 2/02       | 3/02       | 4/02       | 5/02       | 6/02       |
| Maximum activity                | 0.000069   | 0.000075   | 0.000076   | 0.000089   | 0.000087   | 0.000110   | 0.000093 | 0.001690   | 0.000678   | 0.001090   | 0.001090   | 0.000678   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2      | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| <b>Indicator value</b>          | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0.1</b> | <b>0</b> | <b>0.8</b> | <b>0.3</b> | <b>0.5</b> | <b>0.5</b> | <b>0.3</b> |

Licensee Comments: none

### Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

#### Notes

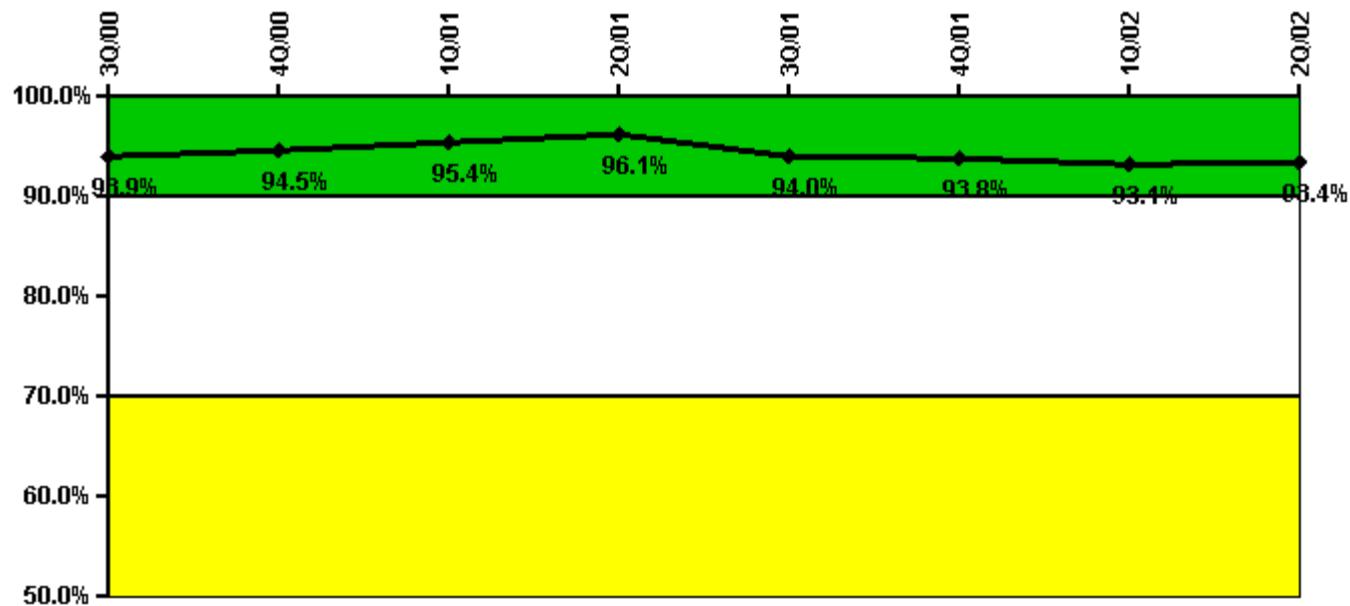
| Reactor Coolant System Leakage | 7/00  | 8/00  | 9/00  | 10/00 | 11/00 | 12/00 | 1/01  | 2/01  | 3/01  | 4/01  | 5/01  | 6/01  |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage                | 5.300 | 5.300 | 4.700 | 5.000 | 5.000 | 5.200 | 5.300 | 5.900 | 4.500 | 4.000 | 3.800 | 4.400 |
| Technical specification limit  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  |
|                                |       |       |       |       |       |       |       |       |       |       |       |       |
| Indicator value                | 21.2  | 21.2  | 18.8  | 20.0  | 20.0  | 20.8  | 21.2  | 23.6  | 18.0  | 16.0  | 15.2  | 17.6  |

| Reactor Coolant System Leakage | 7/01  | 8/01  | 9/01  | 10/01 | 11/01 | 12/01 | 1/02  | 2/02  | 3/02  | 4/02  | 5/02  | 6/02  |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage                | 3.700 | 3.700 | 4.300 | 4.100 | 3.800 | 4.700 | 4.200 | 4.700 | 3.100 | 3.100 | 3.100 | 3.400 |
| Technical specification limit  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  |
|                                |       |       |       |       |       |       |       |       |       |       |       |       |
| Indicator value                | 14.8  | 14.8  | 17.2  | 16.4  | 15.2  | 18.8  | 16.8  | 18.8  | 12.4  | 12.4  | 12.4  | 13.6  |

Licensee Comments: none

### Drill/Exercise Performance



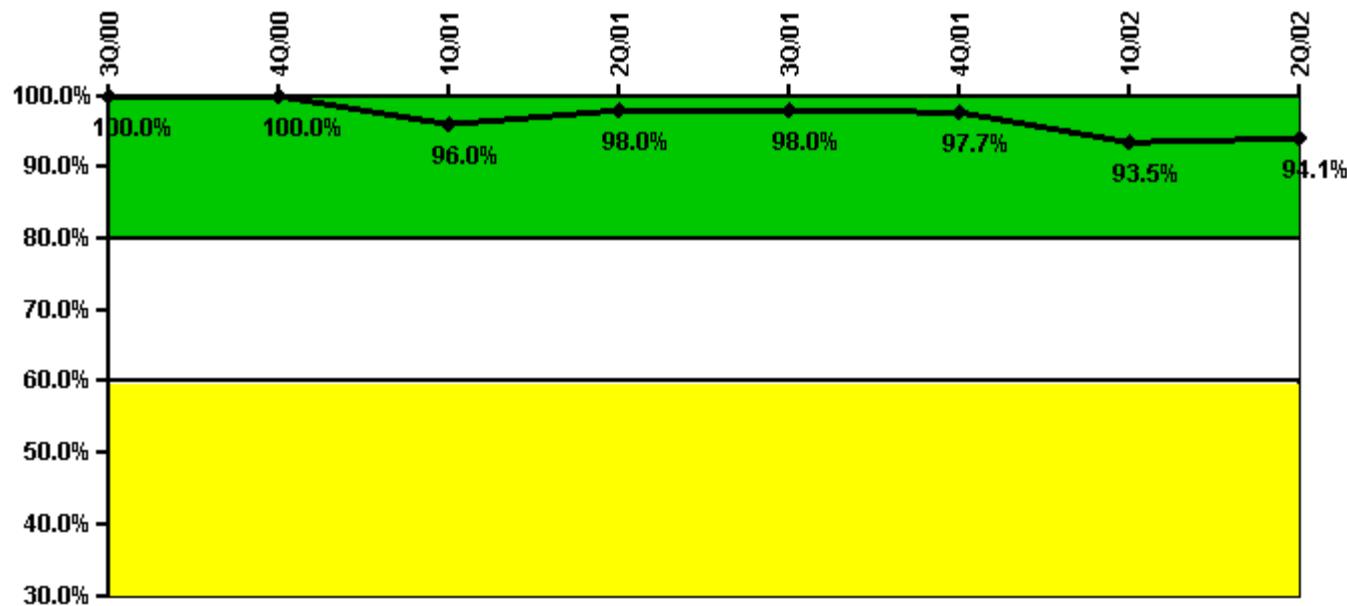
Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

| Drill/Exercise Performance | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities   | 42.0  | 14.0  | 20.0  | 11.0  | 30.0  | 9.0   | 18.0  | 12.0  |
| Total opportunities        | 46.0  | 14.0  | 20.0  | 11.0  | 34.0  | 10.0  | 20.0  | 12.0  |
| Indicator value            | 93.9% | 94.5% | 95.4% | 96.1% | 94.0% | 93.8% | 93.1% | 93.4% |

Licensee Comments: none

### **ERO Drill Participation**

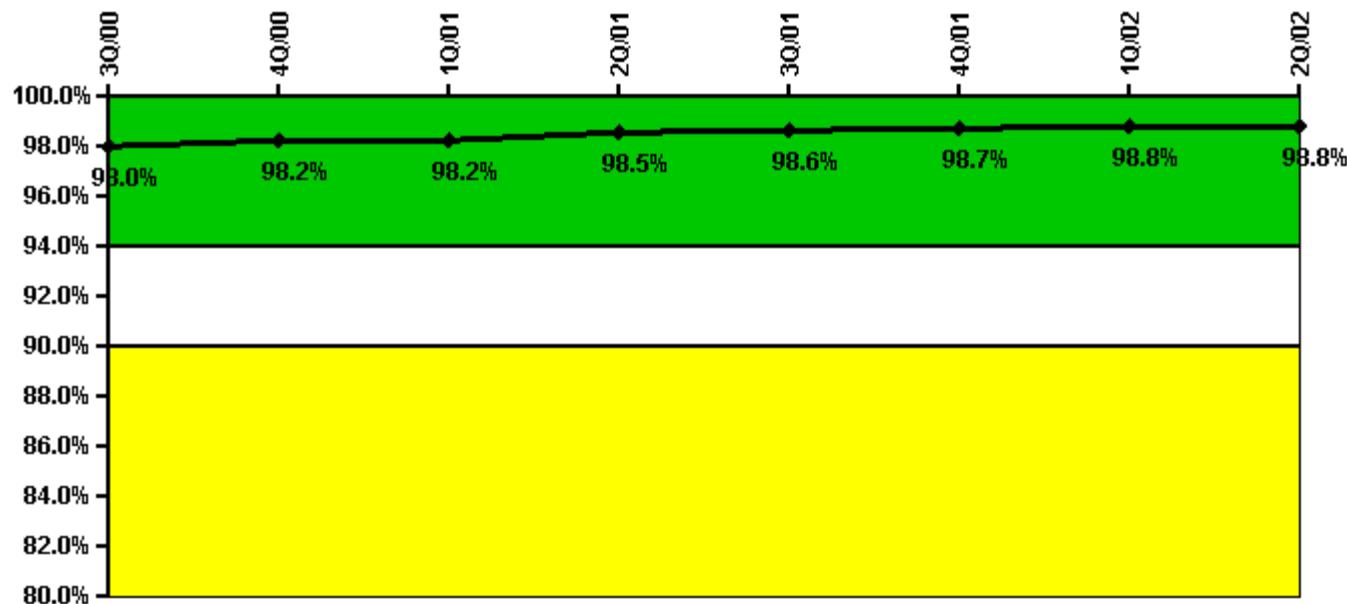


Thresholds: White < 80.0% Yellow < 60.0%

#### **Notes**

| <b>ERO Drill Participation</b> | <b>3Q/00</b>  | <b>4Q/00</b>  | <b>1Q/01</b> | <b>2Q/01</b> | <b>3Q/01</b> | <b>4Q/01</b> | <b>1Q/02</b> | <b>2Q/02</b> |
|--------------------------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Participating Key personnel    | 56.0          | 51.0          | 48.0         | 48.0         | 49.0         | 43.0         | 43.0         | 48.0         |
| Total Key personnel            | 56.0          | 51.0          | 50.0         | 49.0         | 50.0         | 44.0         | 46.0         | 51.0         |
| <b>Indicator value</b>         | <b>100.0%</b> | <b>100.0%</b> | <b>96.0%</b> | <b>98.0%</b> | <b>98.0%</b> | <b>97.7%</b> | <b>93.5%</b> | <b>94.1%</b> |

Licensee Comments: none

**Alert & Notification System**

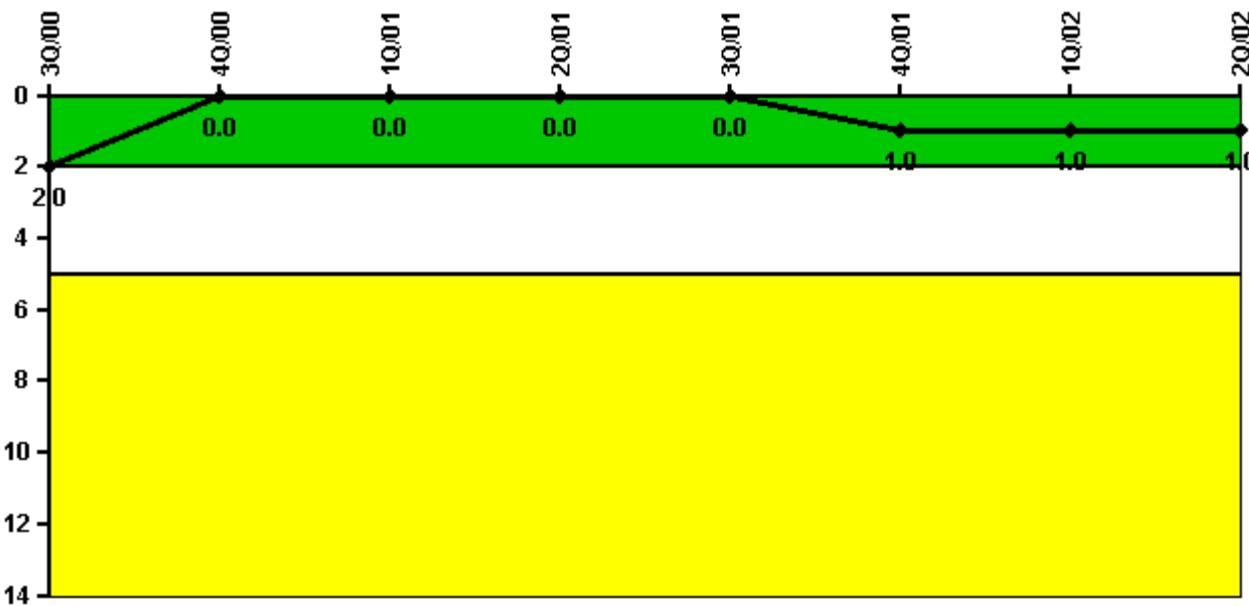
Thresholds: White < 94.0% Yellow < 90.0%

**Notes**

| Alert & Notification System | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests      | 2093  | 2117  | 2240  | 2254  | 2202  | 2160  | 2120  | 2150  |
| Total sirens-tests          | 2142  | 2142  | 2278  | 2278  | 2244  | 2176  | 2142  | 2176  |
| Indicator value             | 98.0% | 98.2% | 98.2% | 98.5% | 98.6% | 98.7% | 98.8% | 98.8% |

Licensee Comments: none

### Occupational Exposure Control Effectiveness

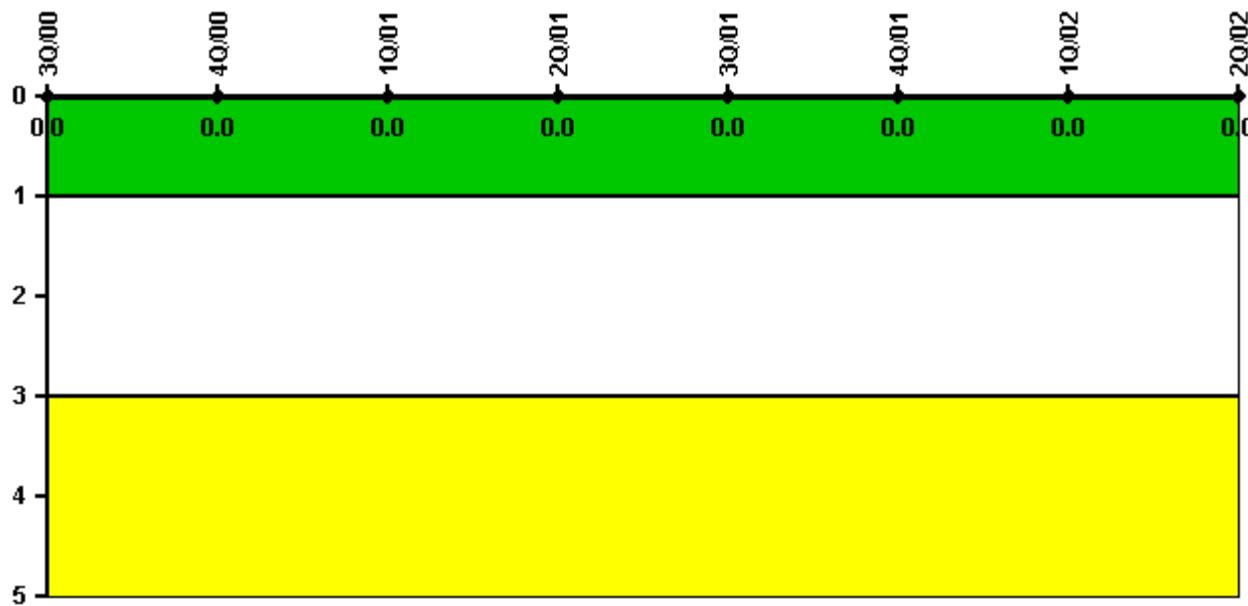


Thresholds: White > 2.0 Yellow > 5.0

#### Notes

| Occupational Exposure Control Effectiveness | 3Q/00    | 4Q/00    | 1Q/01    | 2Q/01    | 3Q/01    | 4Q/01    | 1Q/02    | 2Q/02    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>2</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>1</b> | <b>1</b> | <b>1</b> |

Licensee Comments: none

**RETS/ODCM Radiological Effluent**

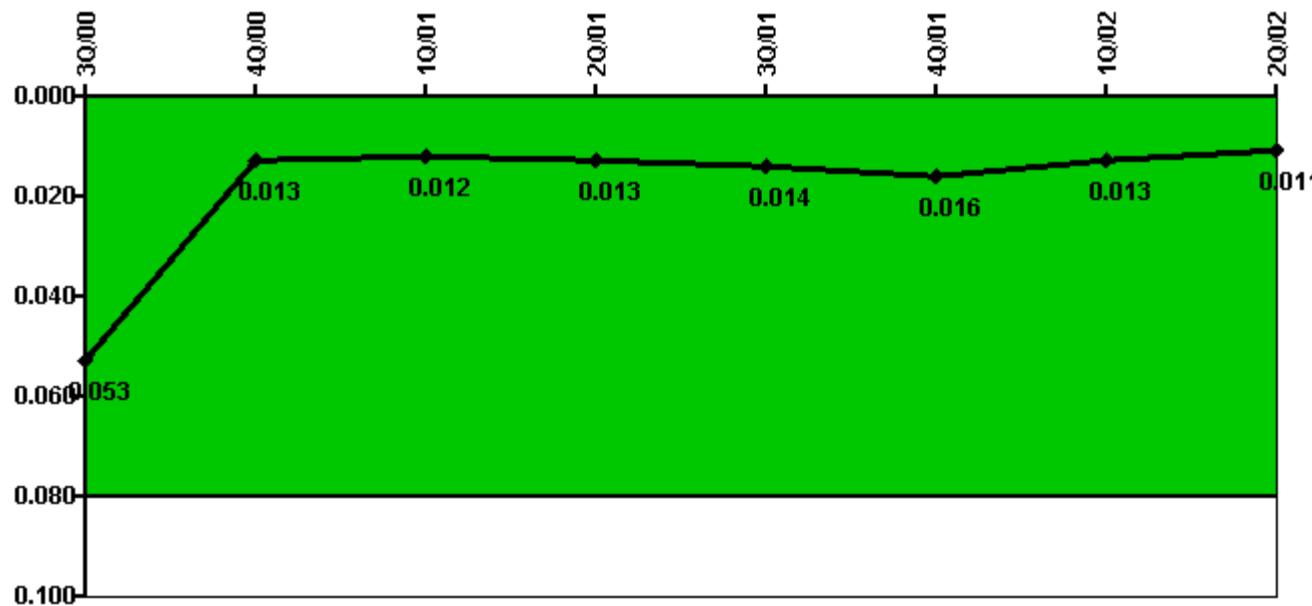
Thresholds: White > 1.0 Yellow > 3.0

**Notes**

| RETS/ODCM Radiological Effluent | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
|                                 |       |       |       |       |       |       |       |       |
| Indicator value                 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

## Protected Area Security Performance Index



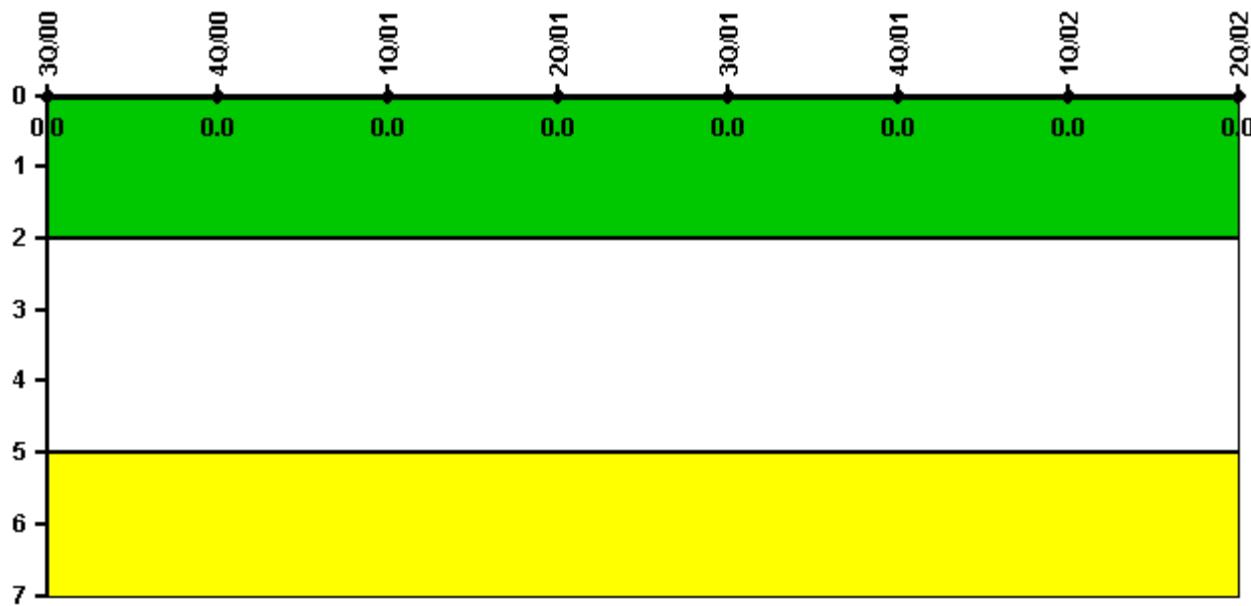
Thresholds: White > 0.080

### Notes

| Protected Area Security Performance Index | 3Q/00        | 4Q/00        | 1Q/01        | 2Q/01        | 3Q/01        | 4Q/01        | 1Q/02        | 2Q/02        |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| IDS compensatory hours                    | 30.50        | 31.30        | 75.10        | 51.60        | 95.90        | 68.40        | 10.80        | 11.50        |
| CCTV compensatory hours                   | 30.7         | 20.0         | 0            | 17.6         | 0.4          | 24.6         | 0            | 4.7          |
| IDS normalization factor                  | 1.20         | 1.20         | 1.20         | 1.20         | 1.20         | 1.20         | 1.20         | 1.20         |
| CCTV normalization factor                 | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          |
| <b>Index Value</b>                        | <b>0.053</b> | <b>0.013</b> | <b>0.012</b> | <b>0.013</b> | <b>0.014</b> | <b>0.016</b> | <b>0.013</b> | <b>0.011</b> |

Licensee Comments: none

### Personnel Screening Program

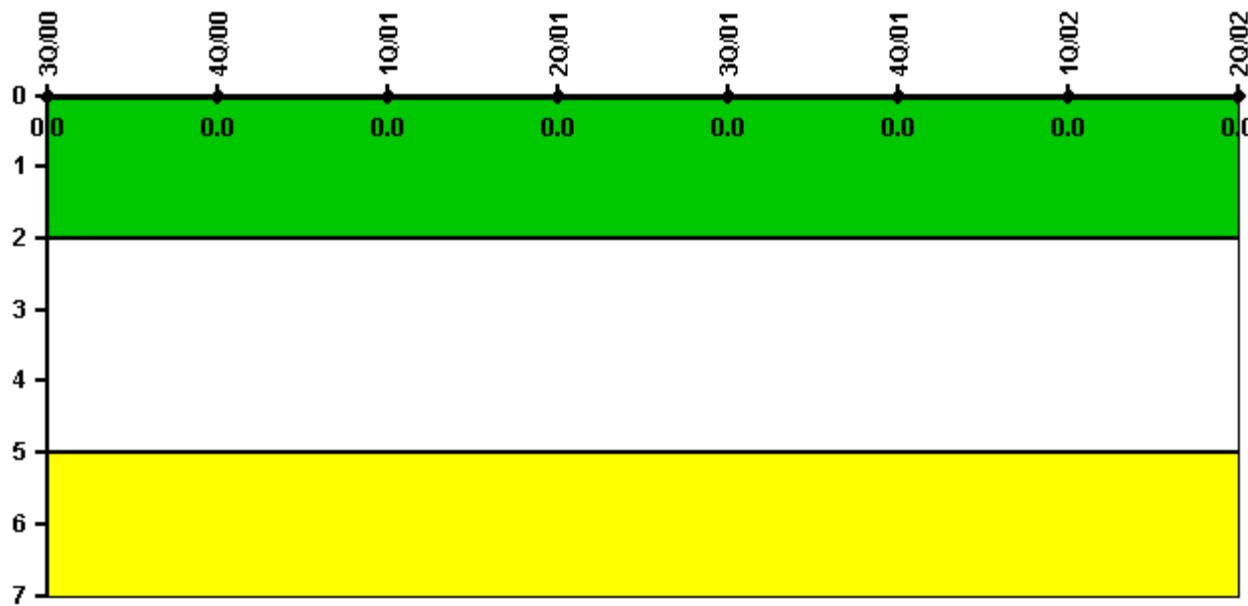


Thresholds: White > 2.0 Yellow > 5.0

#### Notes

| Personnel Screening Program | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Program failures            | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
|                             |       |       |       |       |       |       |       |       |
| Indicator value             | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

**FFD/Personnel Reliability**

Thresholds: White > 2.0 Yellow > 5.0

**Notes**

| FFD/Personnel Reliability | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 |
|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Program Failures          | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none



[PI Summary](#) | [Inspection Findings Summary](#) | [Reactor Oversight Process](#)

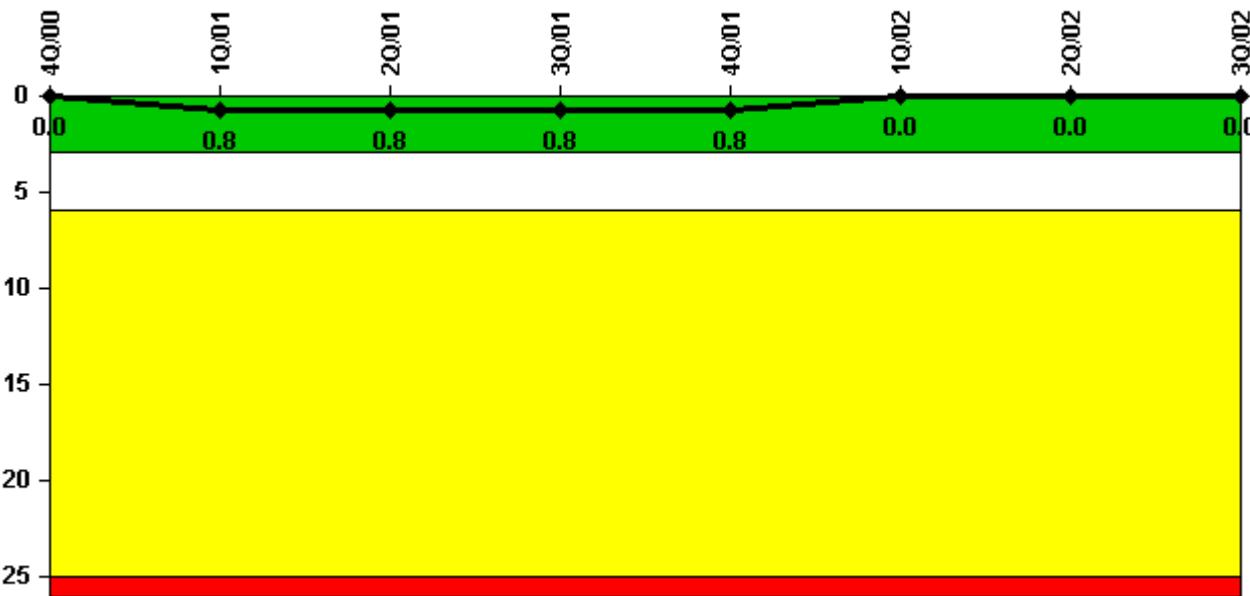
Last Modified: July 31, 2002

# La Salle 1

## 3Q/2002 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

| Unplanned Scrams per 7000 Critical Hrs | 4Q/00  | 1Q/01  | 2Q/01  | 3Q/01  | 4Q/01  | 1Q/02  | 2Q/02  | 3Q/02  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 1.0    | 0      | 0      | 0      | 0      | 0      | 0      |
| Critical hours                         | 2209.0 | 2123.4 | 2183.0 | 2208.0 | 2209.0 | 1585.9 | 1994.3 | 2208.0 |
|  |        |        |        |        |        |        |        |        |
| Indicator value                        | 0      | 0.8    | 0.8    | 0.8    | 0.8    | 0      | 0      | 0      |

Licensee Comments: none

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**Scrams with Loss of Normal Heat Removal**

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

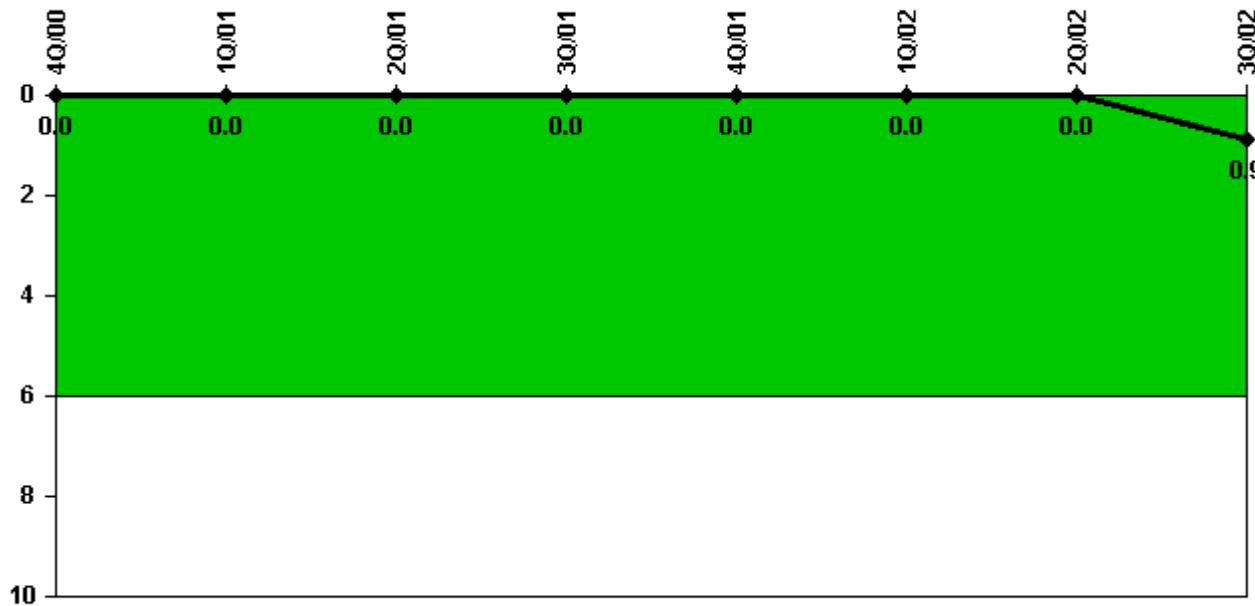
**Notes**

| Scrams with Loss of Normal Heat Removal | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams                                  | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
|   |       |       |       |       |       |       |       |       |
| Indicator value                         | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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### Unplanned Power Changes per 7000 Critical Hrs



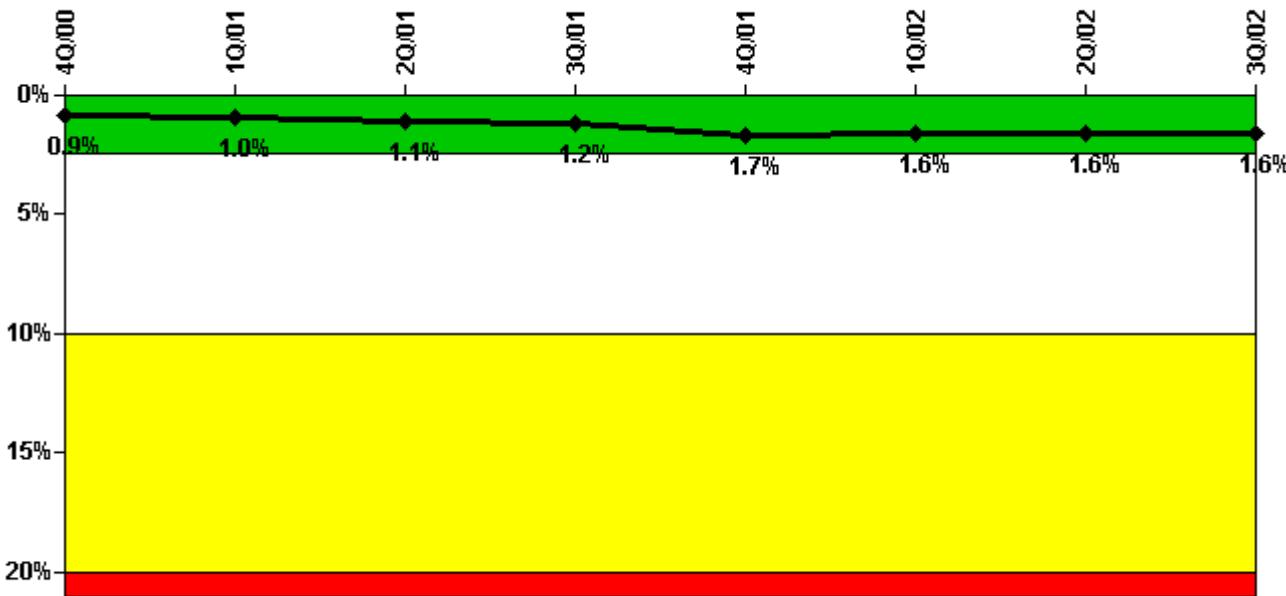
Thresholds: White > 6.0

#### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 4Q/00    | 1Q/01    | 2Q/01    | 3Q/01    | 4Q/01    | 1Q/02    | 2Q/02    | 3Q/02      |
|---|----------|----------|----------|----------|----------|----------|----------|------------|
| Unplanned power changes                       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1.0        |
| Critical hours                                | 2209.0   | 2123.4   | 2183.0   | 2208.0   | 2209.0   | 1585.9   | 1994.3   | 2208.0     |
| Indicator value                               | <b>0</b> | <b>0.9</b> |

Licensee Comments: none

## Safety System Unavailability, Emergency AC Power, >2EDG



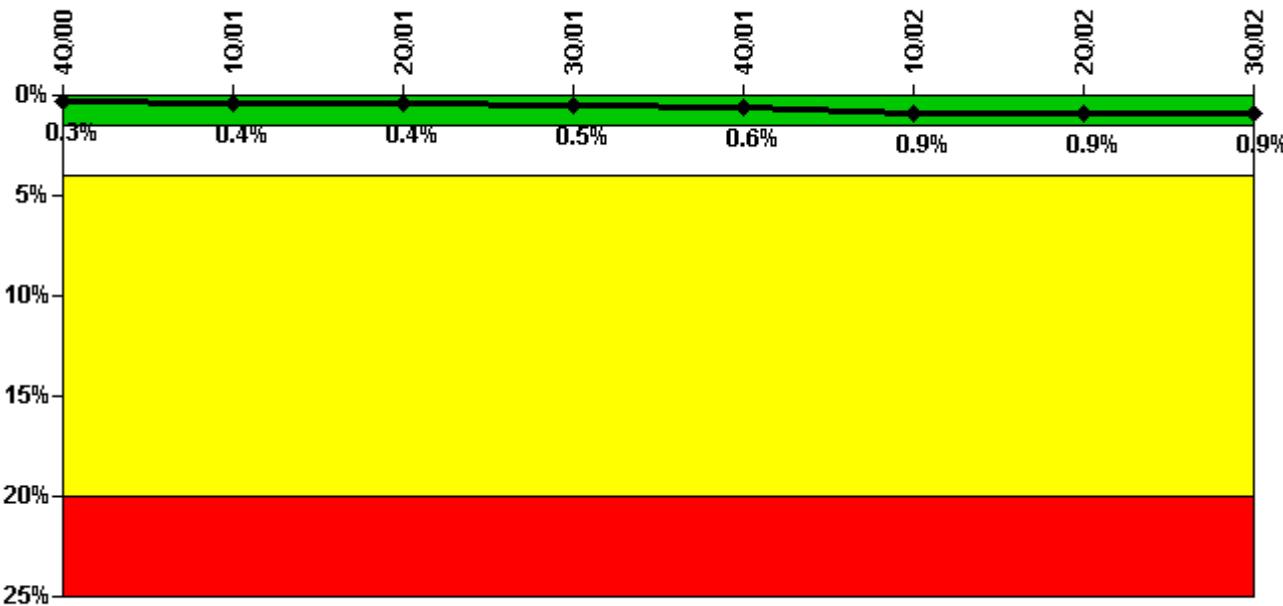
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

### Notes

| Safety System Unavailability, Emergency AC Power, >2EDG | 4Q/00       | 1Q/01       | 2Q/01       | 3Q/01       | 4Q/01       | 1Q/02       | 2Q/02       | 3Q/02       |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 18.22       | 26.20       | 0.75        | 0.85        | 61.00       | 0.50        | 6.95        | 82.40       |
| Unplanned unavailable hours                             | 0.75        | 23.43       | 0           | 0           | 0           | 0           | 0           | 28.00       |
| Fault exposure hours                                    | 0           | 0           | 0           | 0           | 336.00      | 0           | 0           | 0           |
| Effective Reset hours                                   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     |
| <b>Train 2</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 1.00        | 30.63       | 0.75        | 1.25        | 24.05       | 0.75        | 72.72       | 1.00        |
| Unplanned unavailable hours                             | 0           | 0           | 0           | 0           | 13.40       | 0           | 0           | 0           |
| Fault exposure hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     |
| <b>Train 3</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 2.31        | 35.55       | 29.52       | 54.98       | 2.13        | 11.17       | 1.25        | 0.75        |
| Unplanned unavailable hours                             | 0           | 0           | 0           | 22.27       | 0           | 0           | 0           | 0           |
| Fault exposure hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     |
| <b>Indicator value</b>                                  | <b>0.9%</b> | <b>1.0%</b> | <b>1.1%</b> | <b>1.2%</b> | <b>1.7%</b> | <b>1.6%</b> | <b>1.6%</b> | <b>1.6%</b> |

Licensee Comments: none

## Safety System Unavailability, High Pressure Injection System (HPCS)



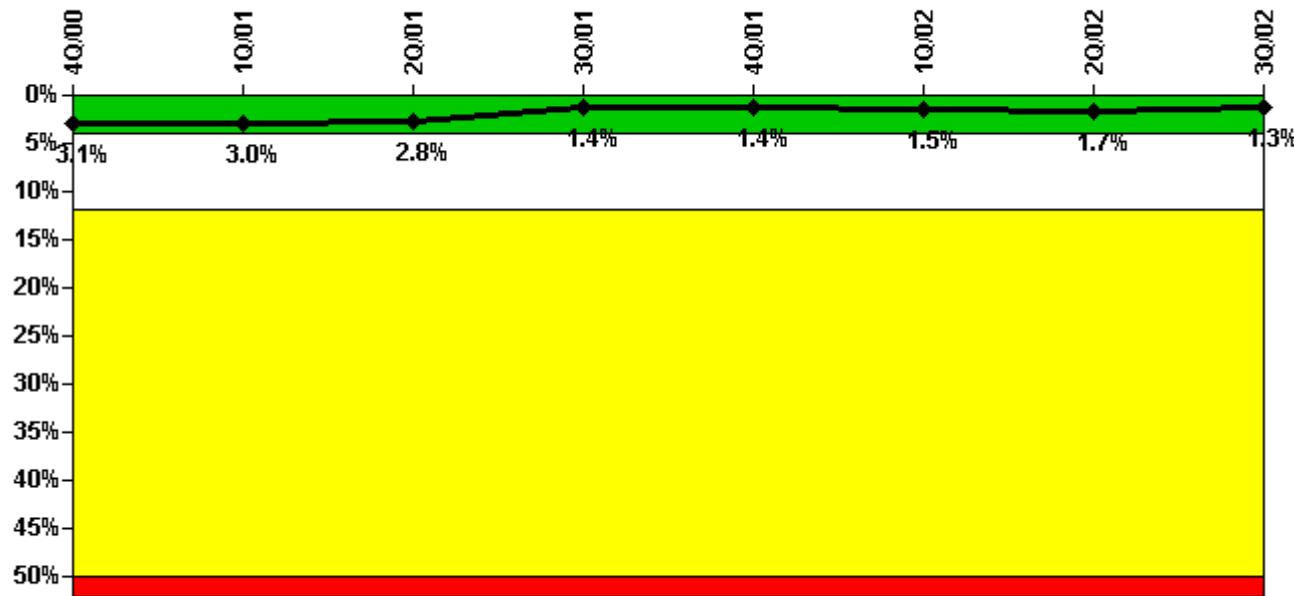
Thresholds: White > 1.5% Yellow > 4.0% Red > 20.0%

### Notes

| Safety System Unavailability, High Pressure Injection System (HPCS) | 4Q/00       | 1Q/01       | 2Q/01       | 3Q/01       | 4Q/01       | 1Q/02       | 2Q/02       | 3Q/02       |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours   | 2.70        | 19.40       | 23.60       | 24.50       | 28.33       | 78.75       | 0           | 0           |
| Unplanned unavailable hours   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Fault exposure hours  | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2209.00     | 2123.40     | 2183.00     | 2208.00     | 2209.00     | 1585.90     | 1991.80     | 2208.00     |
| <b>Indicator value</b>  | <b>0.3%</b> | <b>0.4%</b> | <b>0.4%</b> | <b>0.5%</b> | <b>0.6%</b> | <b>0.9%</b> | <b>0.9%</b> | <b>0.9%</b> |

Licensee Comments: none

## Safety System Unavailability, Heat Removal System (RCIC)



Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

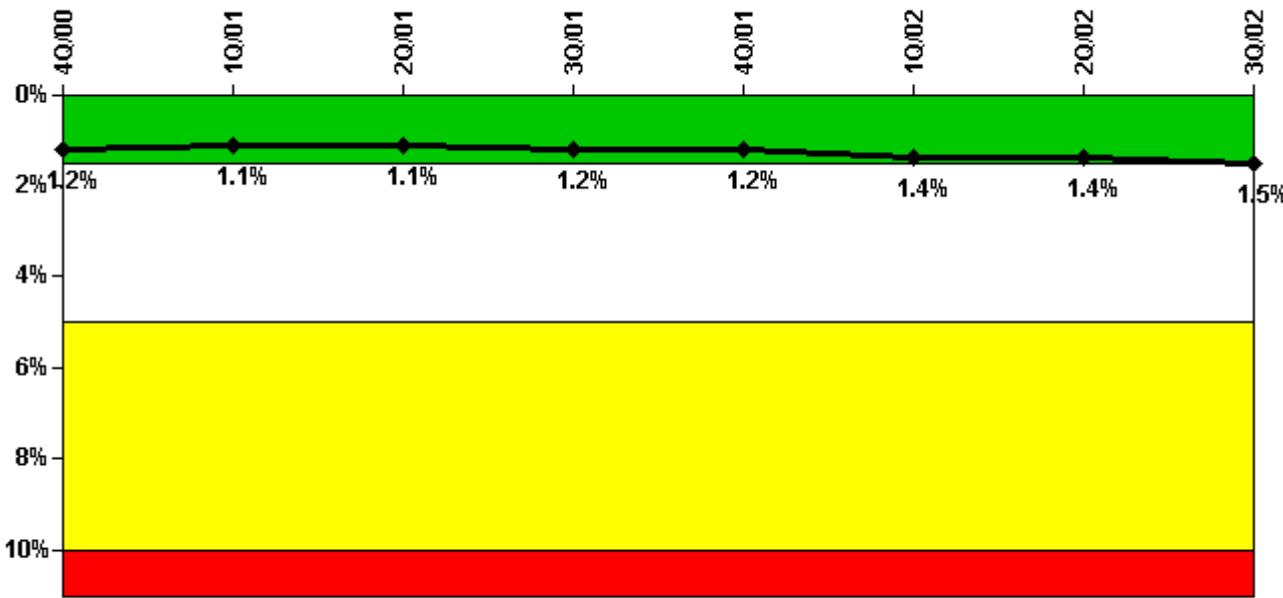
### Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 4Q/00       | 1Q/01       | 2Q/01       | 3Q/01       | 4Q/01       | 1Q/02       | 2Q/02       | 3Q/02       |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                | 1.80        | 32.30       | 11.60       | 1.90        | 59.30       | 23.90       | 33.70       | 4.80        |
| Unplanned unavailable hours                              | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Fault exposure hours                                     | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 2209.00     | 2123.40     | 2183.00     | 2208.00     | 2209.00     | 1585.90     | 1991.80     | 2208.00     |
| <b>Indicator value</b>                                   | <b>3.1%</b> | <b>3.0%</b> | <b>2.8%</b> | <b>1.4%</b> | <b>1.4%</b> | <b>1.5%</b> | <b>1.7%</b> | <b>1.3%</b> |

Licensee Comments: none

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## Safety System Unavailability, Residual Heat Removal System

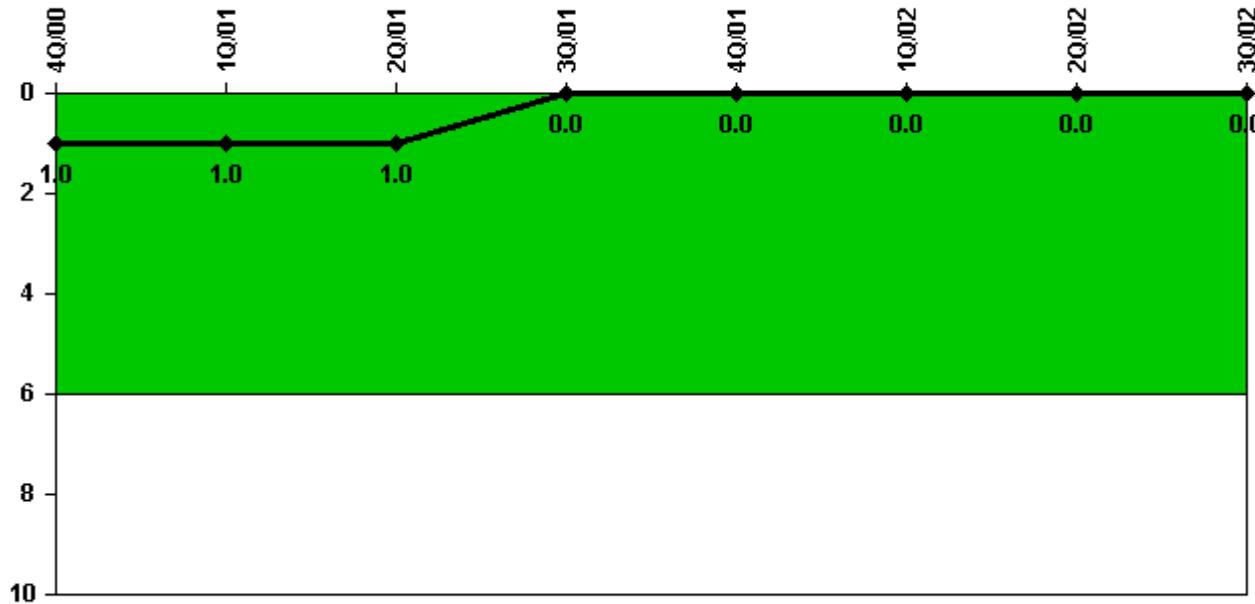


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

### Notes

| Safety System Unavailability, Residual Heat Removal System | 4Q/00       | 1Q/01       | 2Q/01       | 3Q/01       | 4Q/01       | 1Q/02       | 2Q/02       | 3Q/02       |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                  | 0           | 41.40       | 0           | 0           | 8.50        | 0           | 2.30        | 42.00       |
| Unplanned unavailable hours                                | 0           | 30.70       | 0           | 0           | 0           | 0           | 0           | 20.10       |
| Fault exposure hours                                       | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                      | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     |
| <b>Train 2</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                  | 0           | 20.80       | 0           | 24.30       | 9.90        | 98.50       | 9.40        | 16.80       |
| Unplanned unavailable hours                                | 0           | 0           | 0           | 5.90        | 12.80       | 0           | 0           | 0           |
| Fault exposure hours                                       | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                      | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     |
| <b>Indicator value</b>                                     | <b>1.2%</b> | <b>1.1%</b> | <b>1.1%</b> | <b>1.2%</b> | <b>1.2%</b> | <b>1.4%</b> | <b>1.4%</b> | <b>1.5%</b> |

Licensee Comments: none

**Safety System Functional Failures (BWR)**

Thresholds: White > 6.0

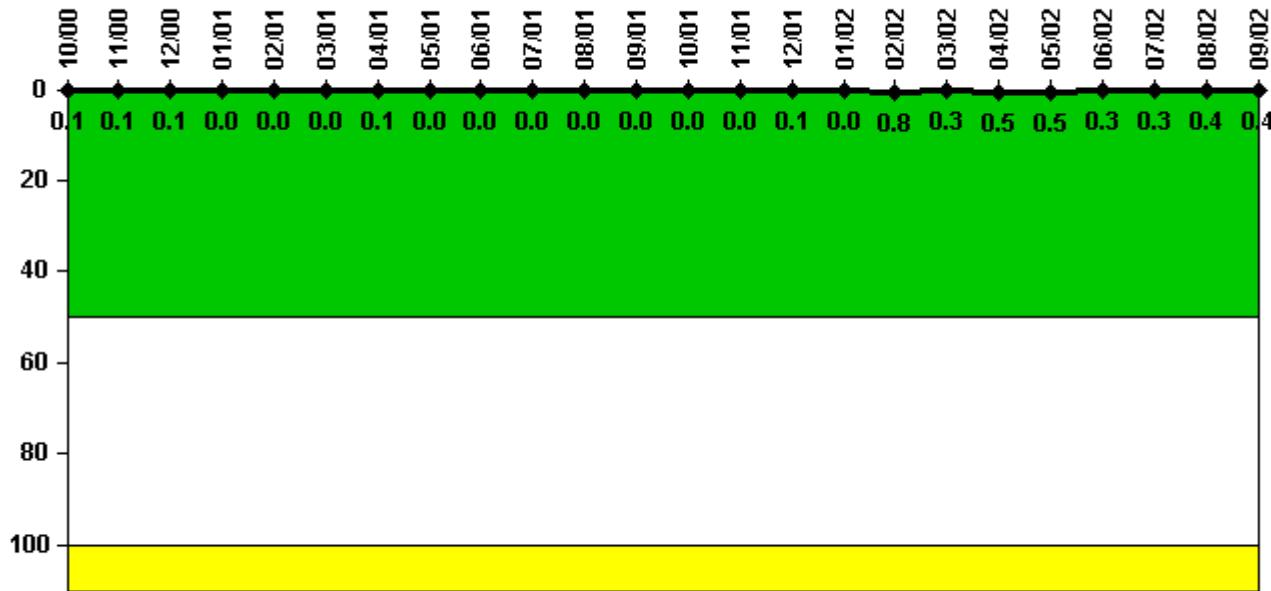
**Notes**

| Safety System Functional Failures (BWR) | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures       | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                         | 1     | 1     | 1     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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### Reactor Coolant System Activity



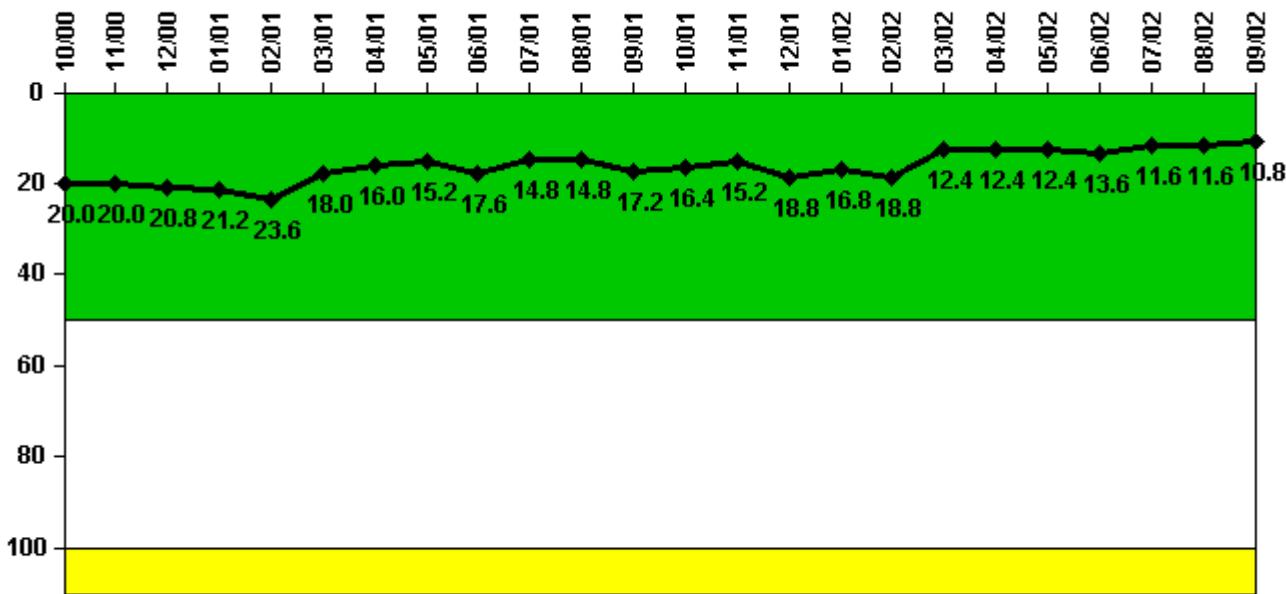
Thresholds: White > 50.0 Yellow > 100.0

#### Notes

| Reactor Coolant System Activity | 10/00    | 11/00    | 12/00    | 1/01     | 2/01     | 3/01     | 4/01     | 5/01     | 6/01     | 7/01     | 8/01     | 9/01     |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity                | 0.000100 | 0.000100 | 0.000100 | 0.000087 | 0.000086 | 0.000095 | 0.000110 | 0.000096 | 0.000096 | 0.000069 | 0.000075 | 0.000076 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0.1      | 0.1      | 0.1      | 0        | 0        | 0        | 0.1      | 0        | 0        | 0        | 0        | 0        |
| Reactor Coolant System Activity | 10/01    | 11/01    | 12/01    | 1/02     | 2/02     | 3/02     | 4/02     | 5/02     | 6/02     | 7/02     | 8/02     | 9/02     |
| Maximum activity                | 0.000089 | 0.000087 | 0.000110 | 0.000093 | 0.001690 | 0.000678 | 0.001090 | 0.001090 | 0.000678 | 0.000685 | 0.000764 | 0.000771 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0        | 0        | 0.1      | 0        | 0.8      | 0.3      | 0.5      | 0.5      | 0.3      | 0.3      | 0.4      | 0.4      |

Licensee Comments: none

## Reactor Coolant System Leakage



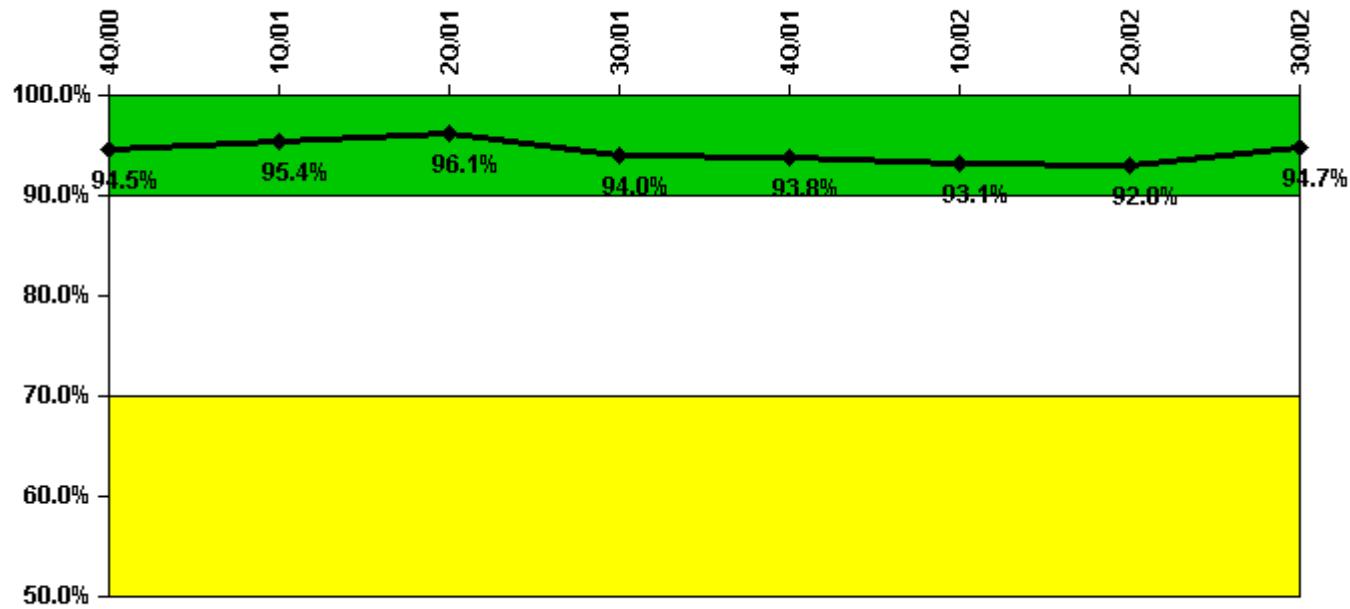
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Leakage | 10/00 | 11/00 | 12/00 | 1/01  | 2/01  | 3/01  | 4/01  | 5/01  | 6/01  | 7/01  | 8/01  | 9/01  |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage                | 5.000 | 5.000 | 5.200 | 5.300 | 5.900 | 4.500 | 4.000 | 3.800 | 4.400 | 3.700 | 3.700 | 4.300 |
| Technical specification limit  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  |
|                                |       |       |       |       |       |       |       |       |       |       |       |       |
| Indicator value                | 20.0  | 20.0  | 20.8  | 21.2  | 23.6  | 18.0  | 16.0  | 15.2  | 17.6  | 14.8  | 14.8  | 17.2  |
| Reactor Coolant System Leakage | 10/01 | 11/01 | 12/01 | 1/02  | 2/02  | 3/02  | 4/02  | 5/02  | 6/02  | 7/02  | 8/02  | 9/02  |
| Maximum leakage                | 4.100 | 3.800 | 4.700 | 4.200 | 4.700 | 3.100 | 3.100 | 3.100 | 3.400 | 2.900 | 2.900 | 2.700 |
| Technical specification limit  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  |
|                                |       |       |       |       |       |       |       |       |       |       |       |       |
| Indicator value                | 16.4  | 15.2  | 18.8  | 16.8  | 18.8  | 12.4  | 12.4  | 12.4  | 13.6  | 11.6  | 11.6  | 10.8  |

Licensee Comments: none

### Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

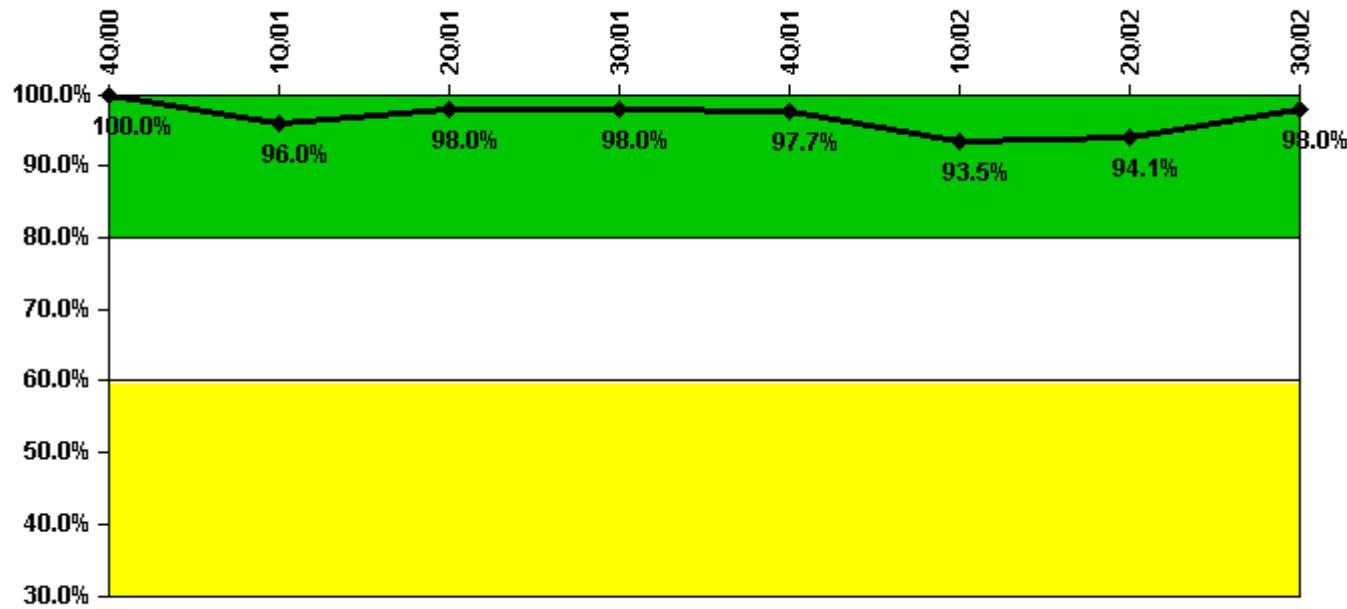
#### Notes

| Drill/Exercise Performance | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities   | 14.0  | 20.0  | 11.0  | 30.0  | 9.0   | 18.0  | 11.0  | 47.0  |
| Total opportunities        | 14.0  | 20.0  | 11.0  | 34.0  | 10.0  | 20.0  | 12.0  | 48.0  |
|                            |       |       |       |       |       |       |       |       |
| Indicator value            | 94.5% | 95.4% | 96.1% | 94.0% | 93.8% | 93.1% | 92.8% | 94.7% |

#### Licensee Comments:

2Q/02: During a review of NARS forms completed during licensed operator requalification training, a previously undetected error was noted. A NARS form from May 2002 had a date error in box number 4. Therefore, the number of opportunities performed timely and accurately during the month of May 2002 was changed from 8 of 8 to 7 of 8. This did not change the performance indicator color. This was entered into the corrective action program.

### ERO Drill Participation



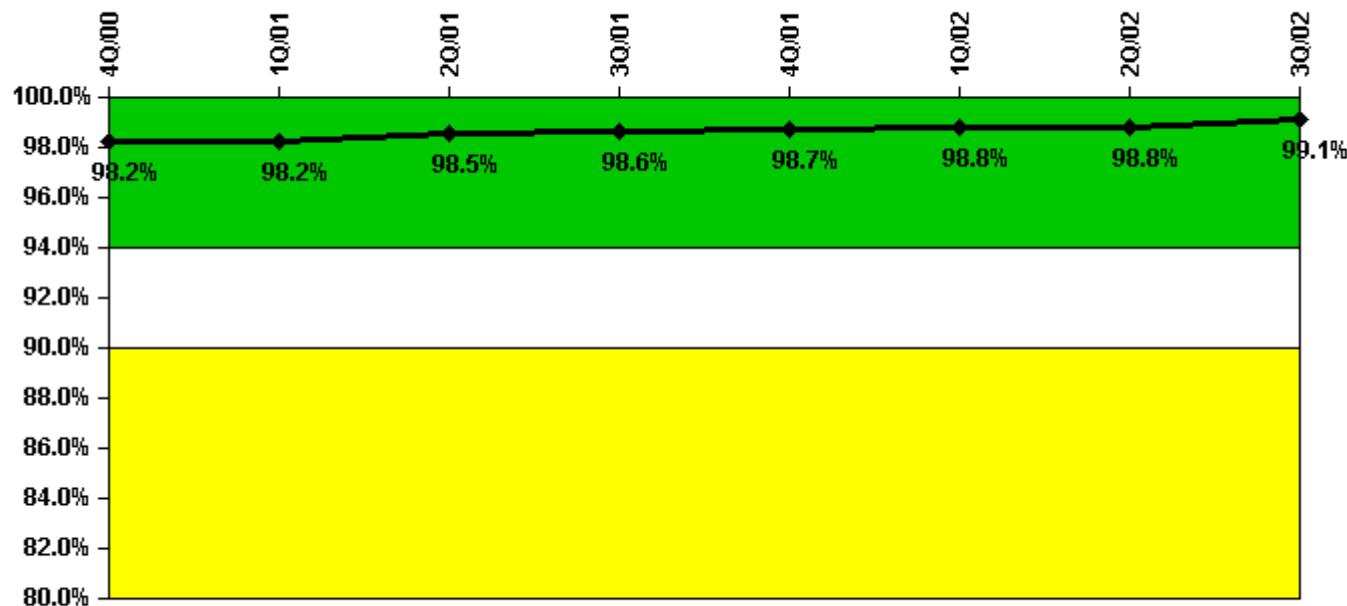
Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

| ERO Drill Participation     | 4Q/00         | 1Q/01        | 2Q/01        | 3Q/01        | 4Q/01        | 1Q/02        | 2Q/02        | 3Q/02        |
|-----------------------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Participating Key personnel | 51.0          | 48.0         | 48.0         | 49.0         | 43.0         | 43.0         | 48.0         | 50.0         |
| Total Key personnel         | 51.0          | 50.0         | 49.0         | 50.0         | 44.0         | 46.0         | 51.0         | 51.0         |
|                             |               |              |              |              |              |              |              |              |
| <b>Indicator value</b>      | <b>100.0%</b> | <b>96.0%</b> | <b>98.0%</b> | <b>98.0%</b> | <b>97.7%</b> | <b>93.5%</b> | <b>94.1%</b> | <b>98.0%</b> |

Licensee Comments: none

## Alert & Notification System



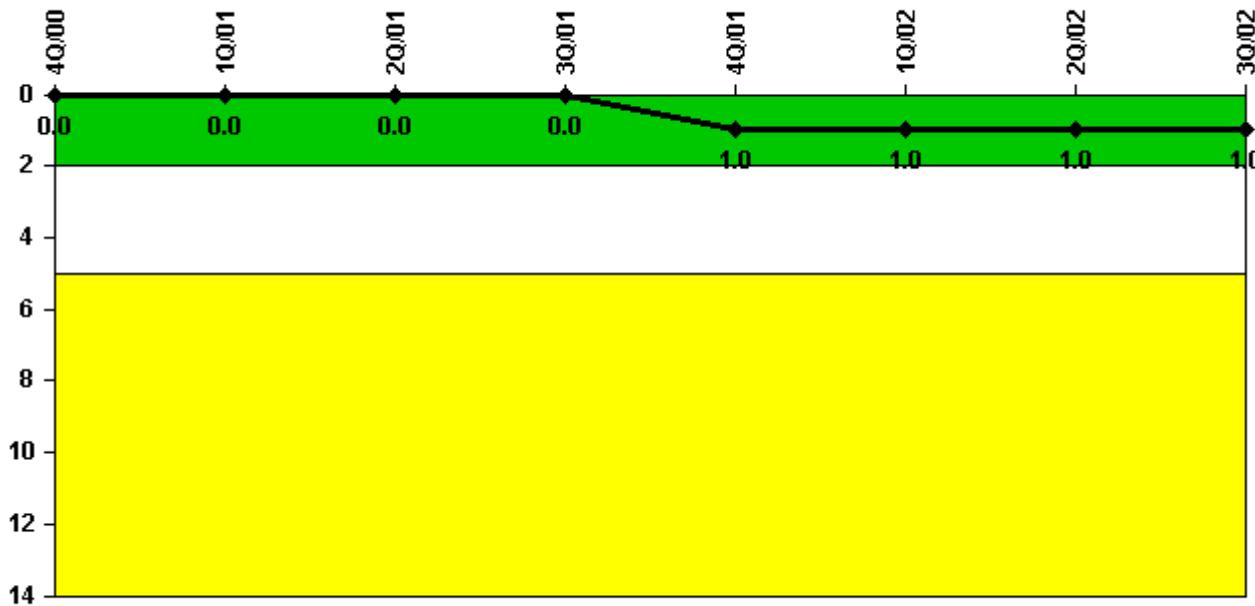
Thresholds: White < 94.0% Yellow < 90.0%

### Notes

| Alert & Notification System | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests      | 2117  | 2240  | 2254  | 2202  | 2160  | 2120  | 2150  | 2160  |
| Total sirens-tests          | 2142  | 2278  | 2278  | 2244  | 2176  | 2142  | 2176  | 2176  |
|                             |       |       |       |       |       |       |       |       |
| Indicator value             | 98.2% | 98.2% | 98.5% | 98.6% | 98.7% | 98.8% | 98.8% | 99.1% |

Licensee Comments: none

## Occupational Exposure Control Effectiveness

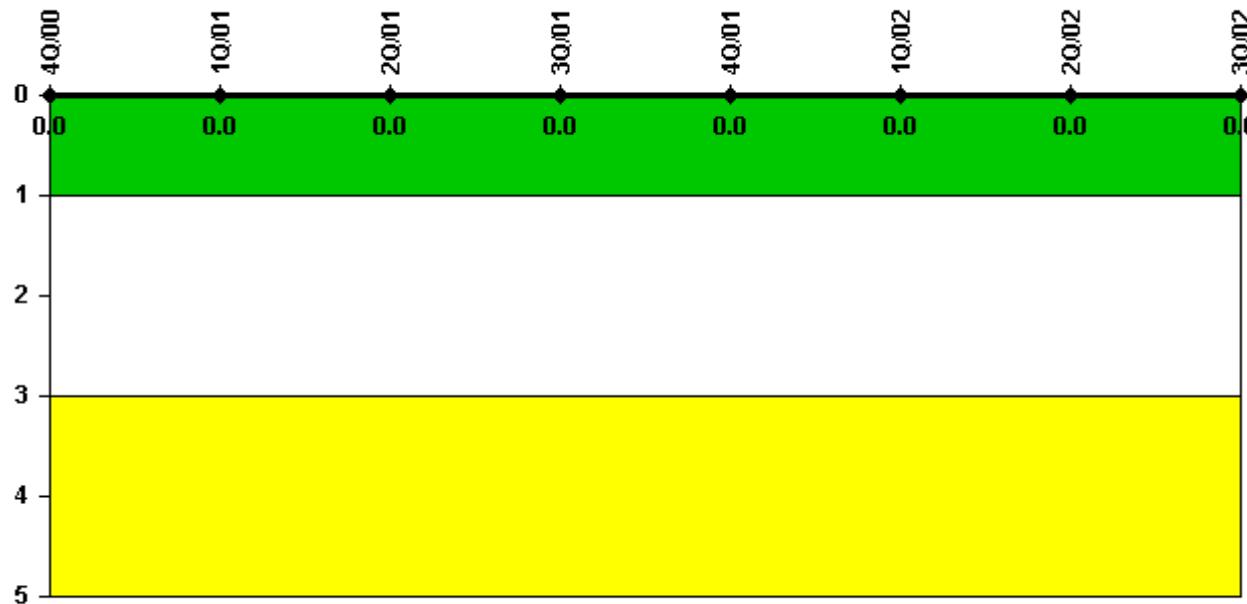


Thresholds: White > 2.0 Yellow > 5.0

### Notes

| Occupational Exposure Control Effectiveness | 4Q/00    | 1Q/01    | 2Q/01    | 3Q/01    | 4Q/01    | 1Q/02    | 2Q/02    | 3Q/02    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> |

Licensee Comments: none

**RETS/ODCM Radiological Effluent**

Thresholds: White > 1.0 Yellow > 3.0

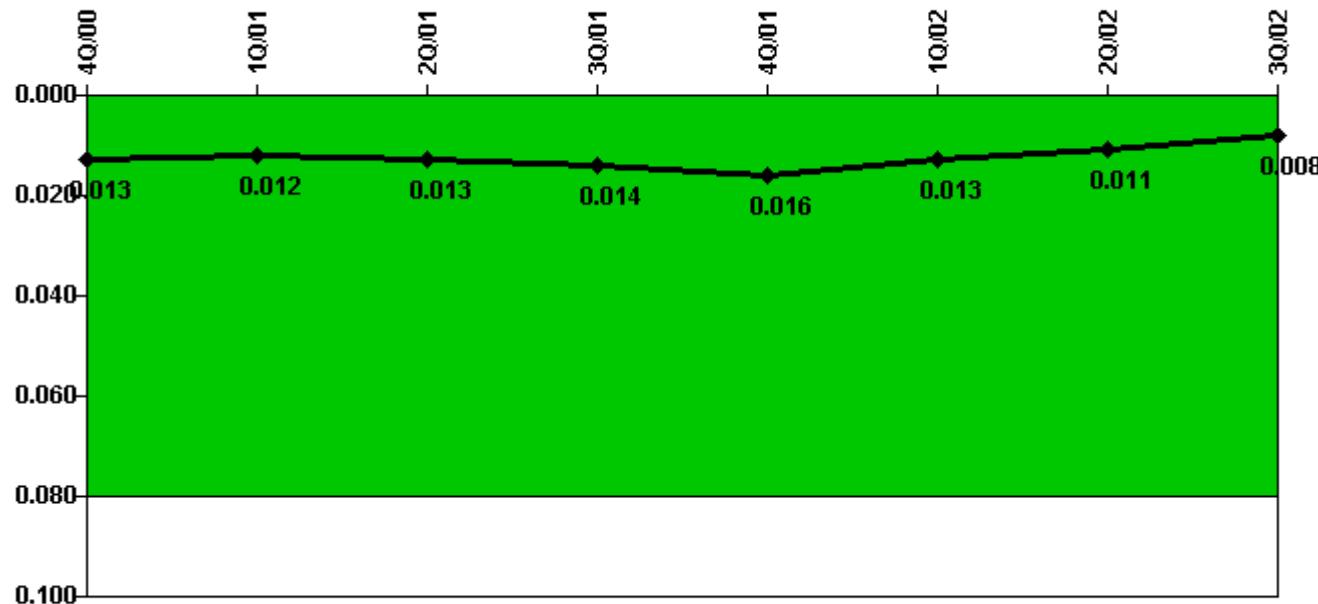
**Notes**

| RETS/ODCM Radiological Effluent | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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## Protected Area Security Performance Index

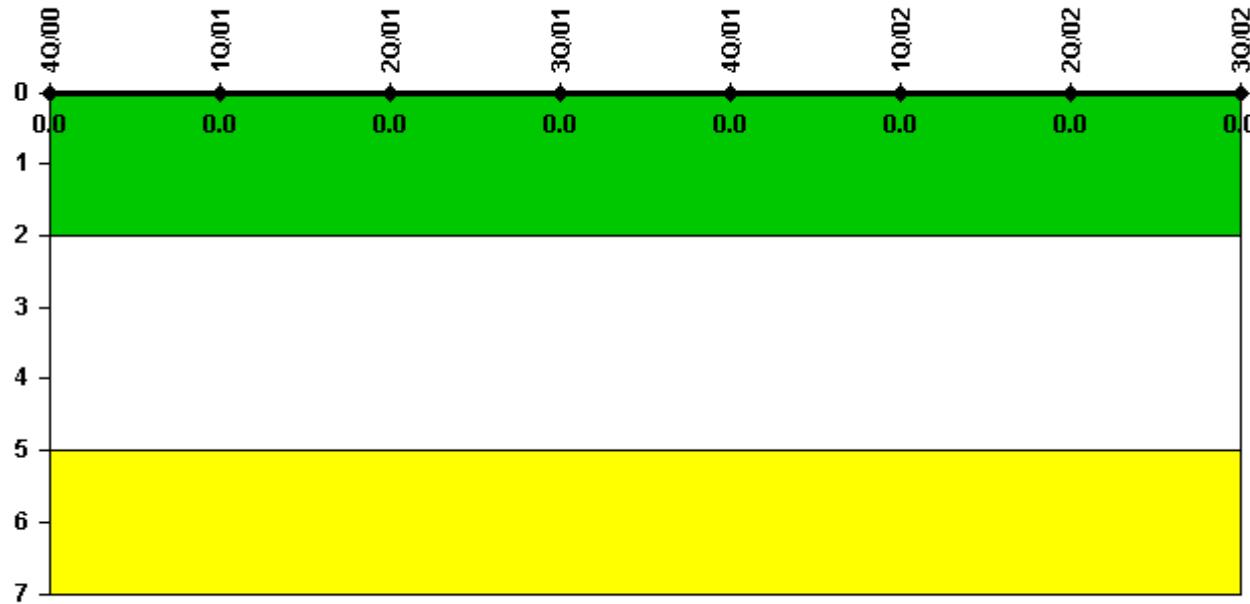


Thresholds: White > 0.080

### Notes

| Protected Area Security Performance Index | 4Q/00        | 1Q/01        | 2Q/01        | 3Q/01        | 4Q/01        | 1Q/02        | 2Q/02        | 3Q/02        |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| IDS compensatory hours                    | 31.30        | 75.10        | 51.60        | 95.90        | 68.40        | 10.80        | 11.50        | 36.40        |
| CCTV compensatory hours                   | 20.0         | 0            | 17.6         | 0.4          | 24.6         | 0            | 4.7          | 2.8          |
| IDS normalization factor                  | 1.20         | 1.20         | 1.20         | 1.20         | 1.20         | 1.20         | 1.20         | 1.20         |
| CCTV normalization factor                 | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          |
| <b>Index Value</b>                        | <b>0.013</b> | <b>0.012</b> | <b>0.013</b> | <b>0.014</b> | <b>0.016</b> | <b>0.013</b> | <b>0.011</b> | <b>0.008</b> |

Licensee Comments: none

**Personnel Screening Program**

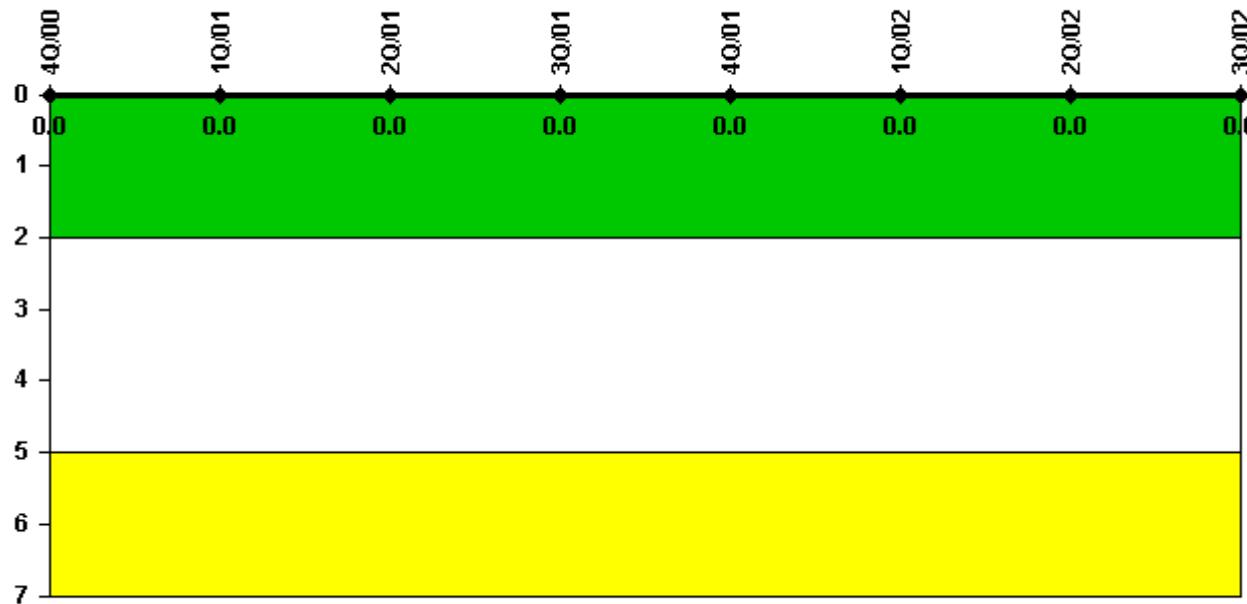
Thresholds: White > 2.0 Yellow > 5.0

**Notes**

| Personnel Screening Program | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Program failures            | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
|                             |       |       |       |       |       |       |       |       |
| Indicator value             | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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**FFD/Personnel Reliability**

Thresholds: White > 2.0 Yellow > 5.0

**Notes**

| FFD/Personnel Reliability | 4Q/00    | 1Q/01    | 2Q/01    | 3Q/01    | 4Q/01    | 1Q/02    | 2Q/02    | 3Q/02    |
|---------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Program Failures          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Indicator value           | <b>0</b> |

Licensee Comments: none

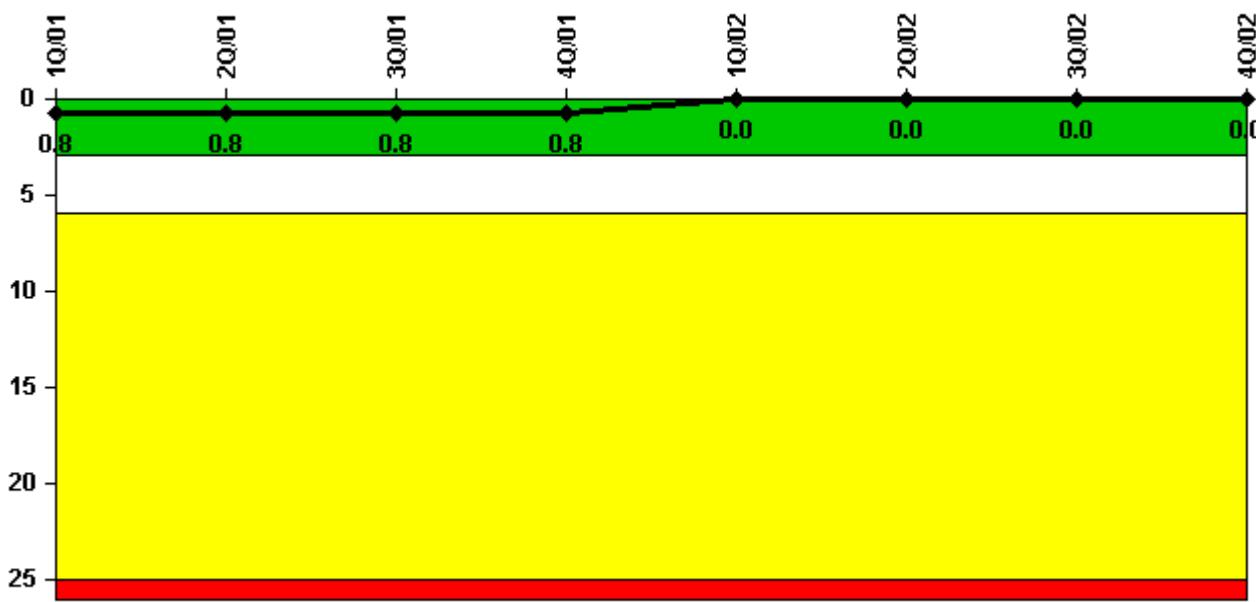


[PI Summary](#) | [Inspection Findings Summary](#) | [Reactor Oversight Process](#)

Last Modified: October 22, 2002

**La Salle 1****4Q/2002 Performance Indicators**

Licensee's General Comments: none

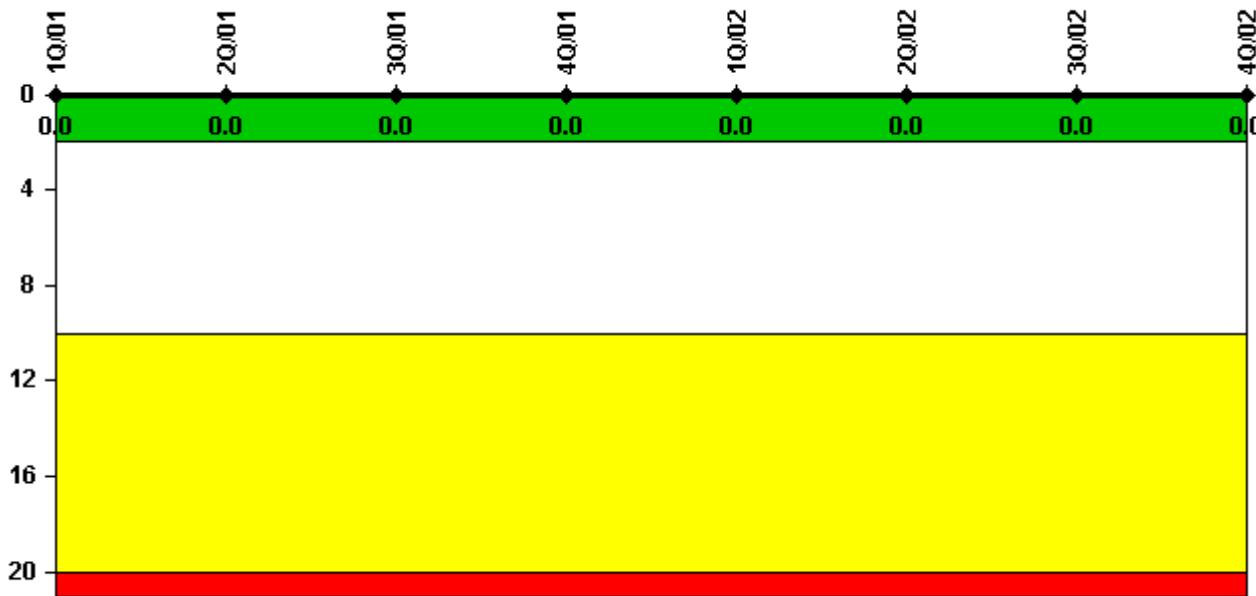
**Unplanned Scrams per 7000 Critical Hrs**

Thresholds: White &gt; 3.0 Yellow &gt; 6.0 Red &gt; 25.0

**Notes**

| Unplanned Scrams per 7000 Critical Hrs | 1Q/01  | 2Q/01  | 3Q/01  | 4Q/01  | 1Q/02  | 2Q/02  | 3Q/02  | 4Q/02  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 1.0    | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Critical hours                         | 2123.4 | 2183.0 | 2208.0 | 2209.0 | 1585.9 | 1994.3 | 2208.0 | 2209.0 |
|  |        |        |        |        |        |        |        |        |
| Indicator value                        | 0.8    | 0.8    | 0.8    | 0.8    | 0      | 0      | 0      | 0      |

Licensee Comments: none

**Scrams with Loss of Normal Heat Removal**

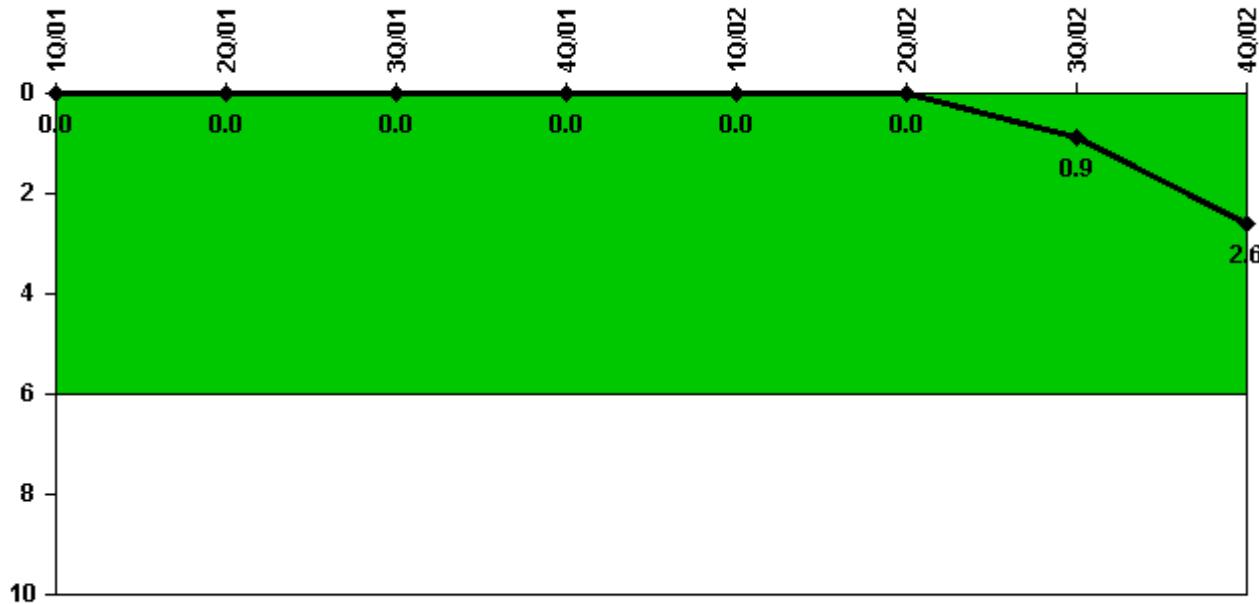
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

**Notes**

| Scrams with Loss of Normal Heat Removal | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams                                  | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                         | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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**Unplanned Power Changes per 7000 Critical Hrs**

Thresholds: White > 6.0

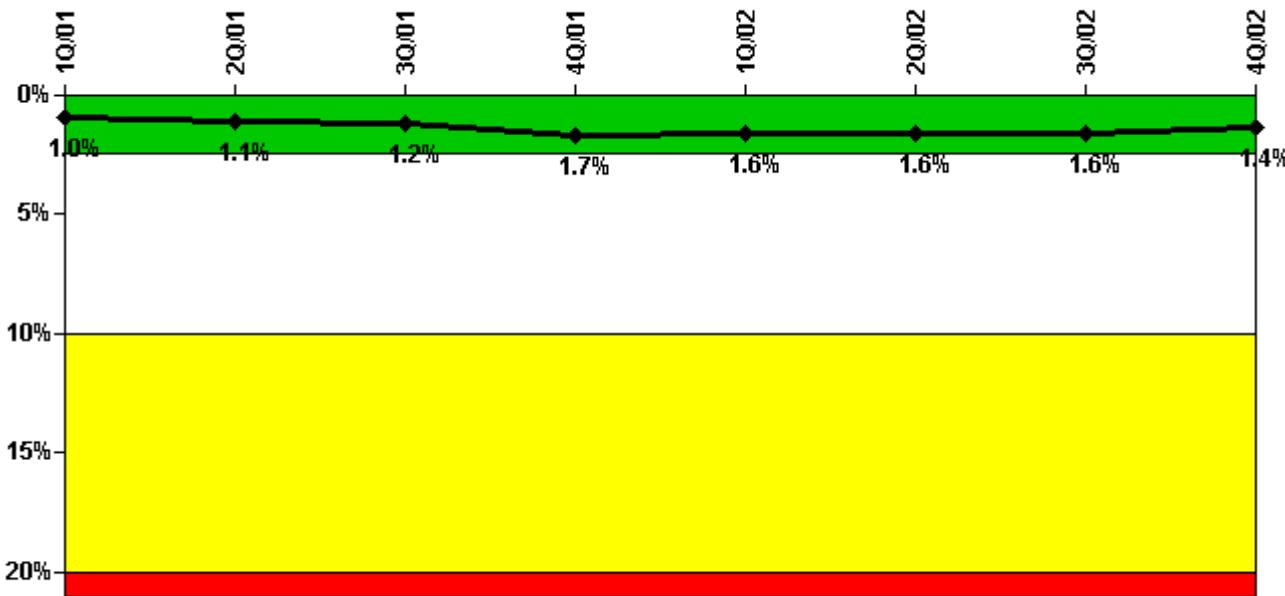
**Notes**

| Unplanned Power Changes per 7000 Critical Hrs | 1Q/01  | 2Q/01  | 3Q/01  | 4Q/01  | 1Q/02  | 2Q/02  | 3Q/02  | 4Q/02  |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes                       | 0      | 0      | 0      | 0      | 0      | 0      | 1.0    | 2.0    |
| Critical hours                                | 2123.4 | 2183.0 | 2208.0 | 2209.0 | 1585.9 | 1994.3 | 2208.0 | 2209.0 |
| Indicator value                               | 0      | 0      | 0      | 0      | 0      | 0      | 0.9    | 2.6    |

Licensee Comments: none

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## Safety System Unavailability, Emergency AC Power, >2EDG



Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

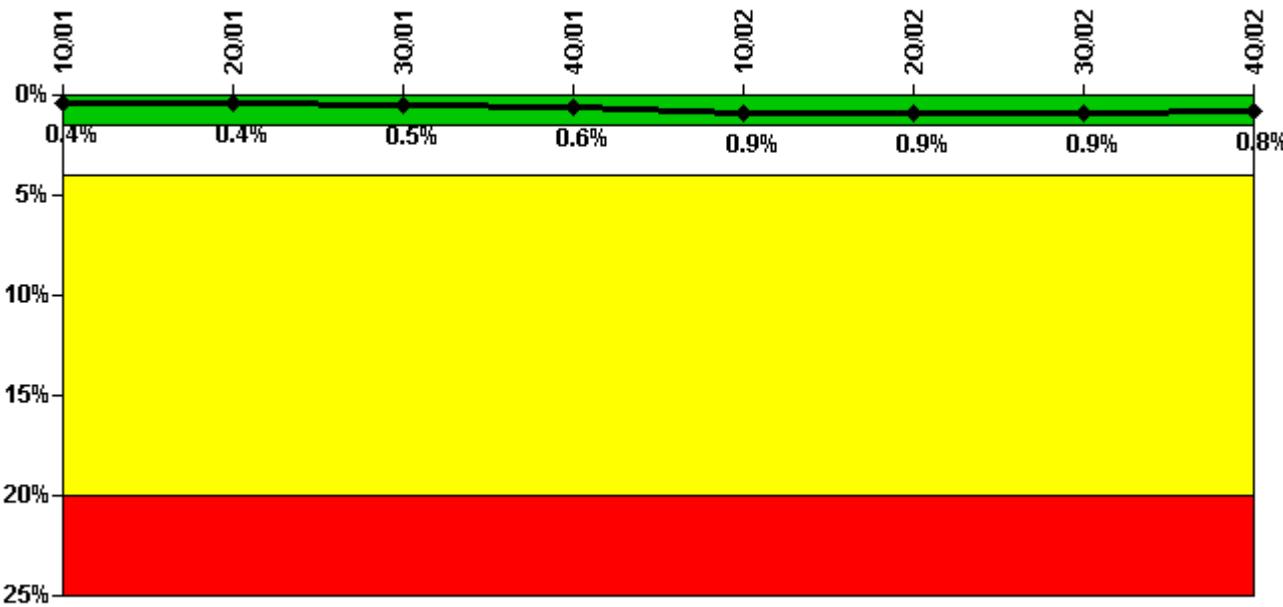
### Notes

| Safety System Unavailability, Emergency AC Power, >2EDG | 1Q/01       | 2Q/01       | 3Q/01       | 4Q/01       | 1Q/02       | 2Q/02       | 3Q/02       | 4Q/02       |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 26.20       | 0.75        | 0.85        | 61.00       | 0.50        | 6.95        | 82.40       | 1.13        |
| Unplanned unavailable hours                             | 23.43       | 0           | 0           | 0           | 0           | 0           | 28.00       | 0           |
| Fault exposure hours                                    | 0           | 0           | 0           | 336.00      | 0           | 0           | 0           | 0           |
| Effective Reset hours                                   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     |
| <b>Train 2</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 30.63       | 0.75        | 1.25        | 24.05       | 0.75        | 72.72       | 1.00        | 1.00        |
| Unplanned unavailable hours                             | 0           | 0           | 0           | 13.40       | 0           | 0           | 0           | 0           |
| Fault exposure hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     |
| <b>Train 3</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 35.55       | 29.52       | 54.98       | 2.13        | 11.17       | 1.25        | 0.75        | 0.98        |
| Unplanned unavailable hours                             | 0           | 0           | 22.27       | 0           | 0           | 0           | 0           | 0           |
| Fault exposure hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     |
| <b>Indicator value</b>                                  | <b>1.0%</b> | <b>1.1%</b> | <b>1.2%</b> | <b>1.7%</b> | <b>1.6%</b> | <b>1.6%</b> | <b>1.6%</b> | <b>1.4%</b> |

### Licensee Comments:

4Q/02: EDG Train 2 Potential 26,304 hours of T/2 fault exposure hours discovered in November 2002, due to inoperable room coolers. Issue is under review.

## Safety System Unavailability, High Pressure Injection System (HPCS)



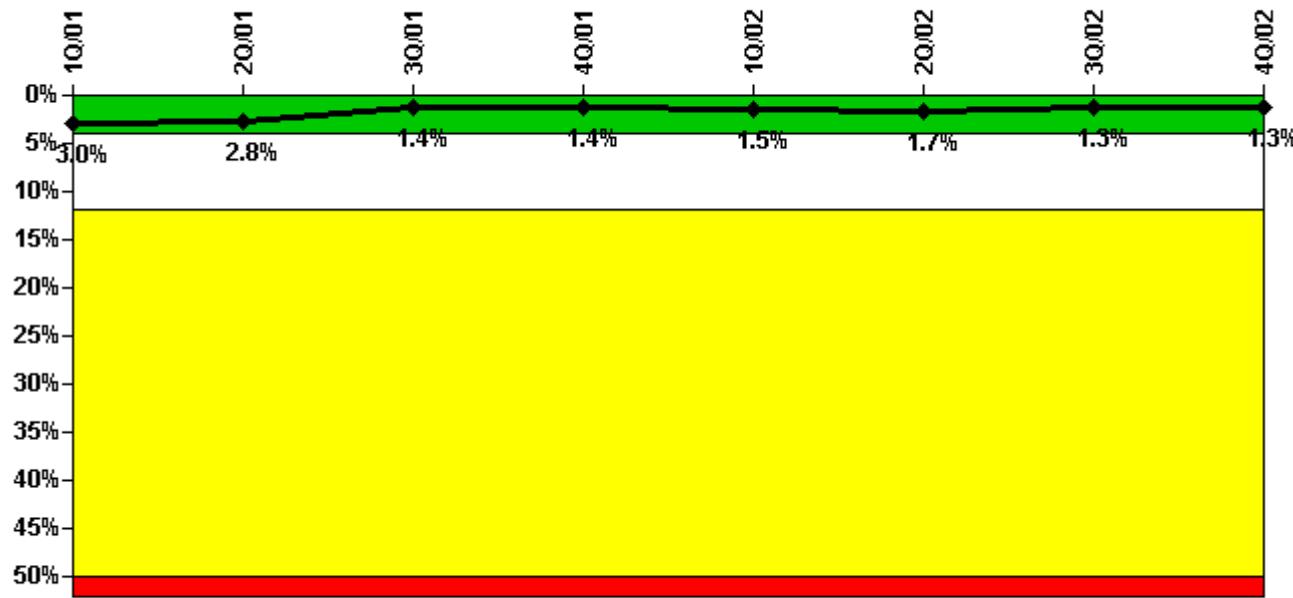
Thresholds: White > 1.5% Yellow > 4.0% Red > 20.0%

### Notes

| Safety System Unavailability, High Pressure Injection System (HPCS) | 1Q/01       | 2Q/01       | 3Q/01       | 4Q/01       | 1Q/02       | 2Q/02       | 3Q/02       | 4Q/02       |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours   | 19.40       | 23.60       | 24.50       | 28.33       | 78.75       | 0           | 0           | 0           |
| Unplanned unavailable hours   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0.60        |
| Fault exposure hours  | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2123.40     | 2183.00     | 2208.00     | 2209.00     | 1585.90     | 1991.80     | 2208.00     | 2209.00     |
| <b>Indicator value</b>  | <b>0.4%</b> | <b>0.4%</b> | <b>0.5%</b> | <b>0.6%</b> | <b>0.9%</b> | <b>0.9%</b> | <b>0.9%</b> | <b>0.8%</b> |

Licensee Comments: none

## Safety System Unavailability, Heat Removal System (RCIC)



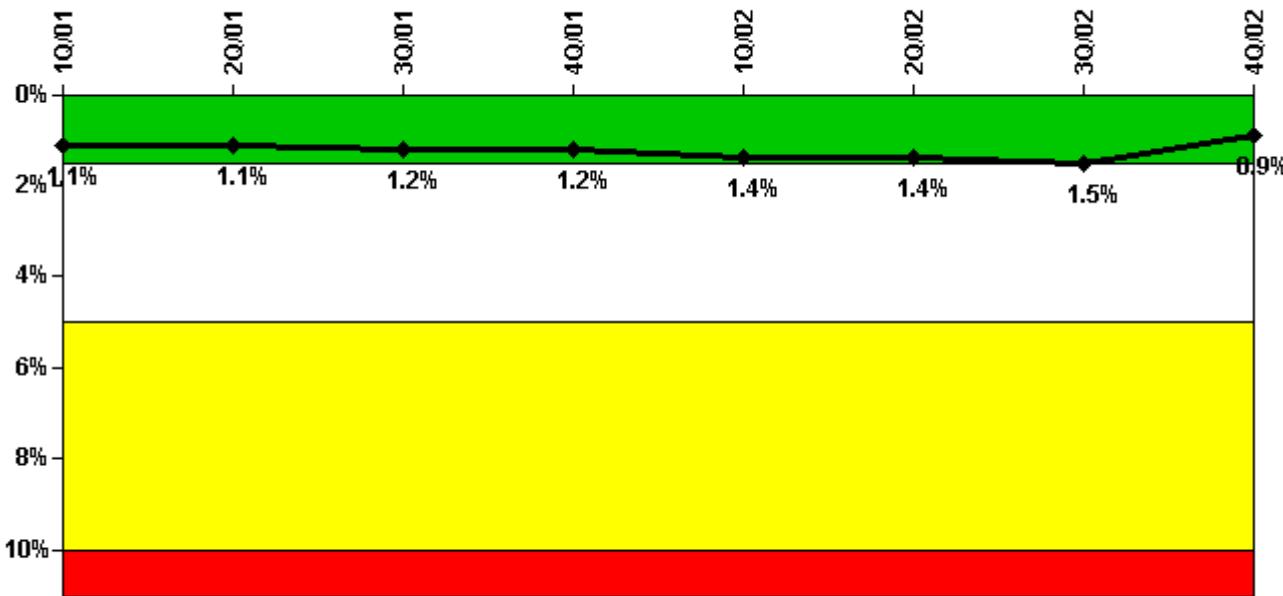
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

### Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 1Q/01       | 2Q/01       | 3Q/01       | 4Q/01       | 1Q/02       | 2Q/02       | 3Q/02       | 4Q/02       |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                | 32.30       | 11.60       | 1.90        | 59.30       | 23.90       | 33.70       | 4.80        | 15.90       |
| Unplanned unavailable hours                              | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0.40        |
| Fault exposure hours                                     | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 2123.40     | 2183.00     | 2208.00     | 2209.00     | 1585.90     | 1991.80     | 2208.00     | 2209.00     |
|  |             |             |             |             |             |             |             |             |
| <b>Indicator value</b>                                   | <b>3.0%</b> | <b>2.8%</b> | <b>1.4%</b> | <b>1.4%</b> | <b>1.5%</b> | <b>1.7%</b> | <b>1.3%</b> | <b>1.3%</b> |

Licensee Comments: none

## Safety System Unavailability, Residual Heat Removal System



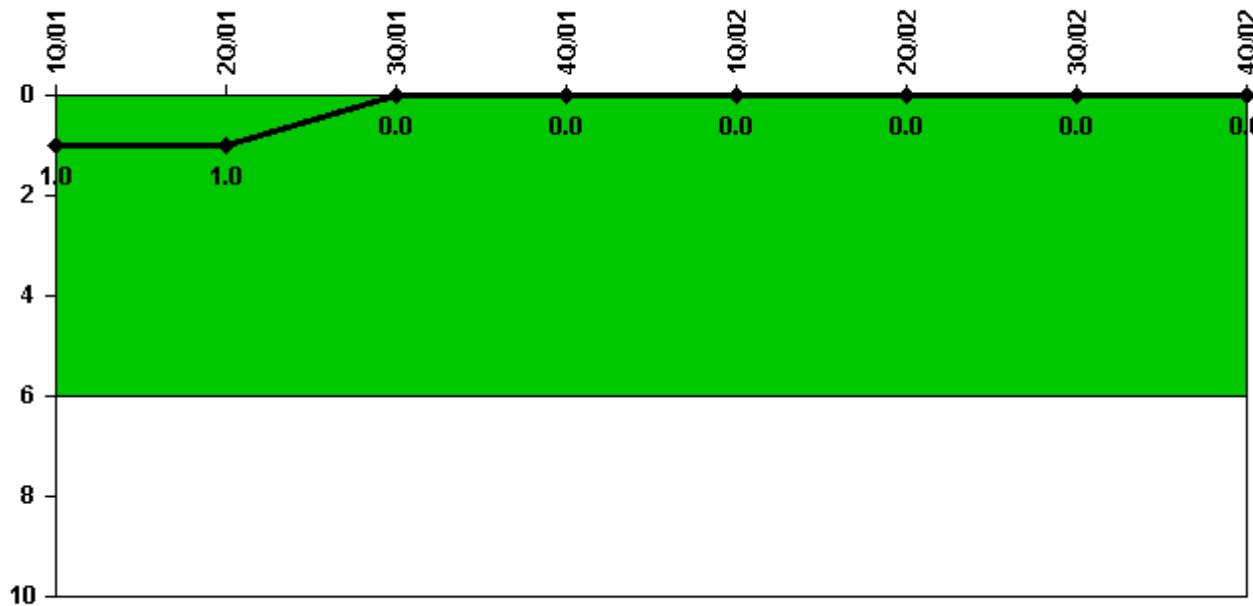
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

### Notes

| Safety System Unavailability, Residual Heat Removal System | 1Q/01       | 2Q/01       | 3Q/01       | 4Q/01       | 1Q/02       | 2Q/02       | 3Q/02       | 4Q/02       |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                  | 41.40       | 0           | 0           | 8.50        | 0           | 2.30        | 42.00       | 11.40       |
| Unplanned unavailable hours                                | 30.70       | 0           | 0           | 0           | 0           | 0           | 20.10       | 0.30        |
| Fault exposure hours                                       | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                      | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     |
| <b>Train 2</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                  | 20.80       | 0           | 24.30       | 9.90        | 98.50       | 9.40        | 16.80       | 0           |
| Unplanned unavailable hours                                | 0           | 0           | 5.90        | 12.80       | 0           | 0           | 0           | 1.10        |
| Fault exposure hours                                       | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                      | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     |
| <b>Indicator value</b>                                     | <b>1.1%</b> | <b>1.1%</b> | <b>1.2%</b> | <b>1.2%</b> | <b>1.4%</b> | <b>1.4%</b> | <b>1.5%</b> | <b>0.9%</b> |

### Licensee Comments:

4Q/02: RHR Train 2 Potential 26,304 hours of T/2 fault exposure hours discovered in November 2002, due to inoperable room coolers. Issue is under review.

**Safety System Functional Failures (BWR)**

Thresholds: White > 6.0

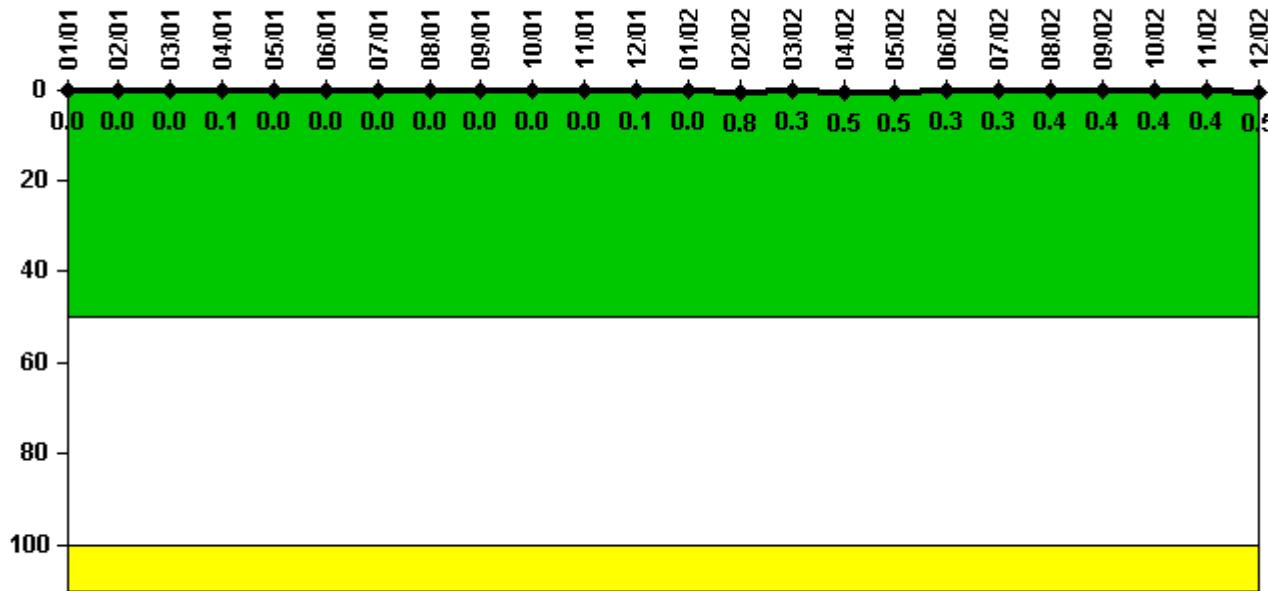
**Notes**

| Safety System Functional Failures (BWR) | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures       | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                         | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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## Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

### Notes

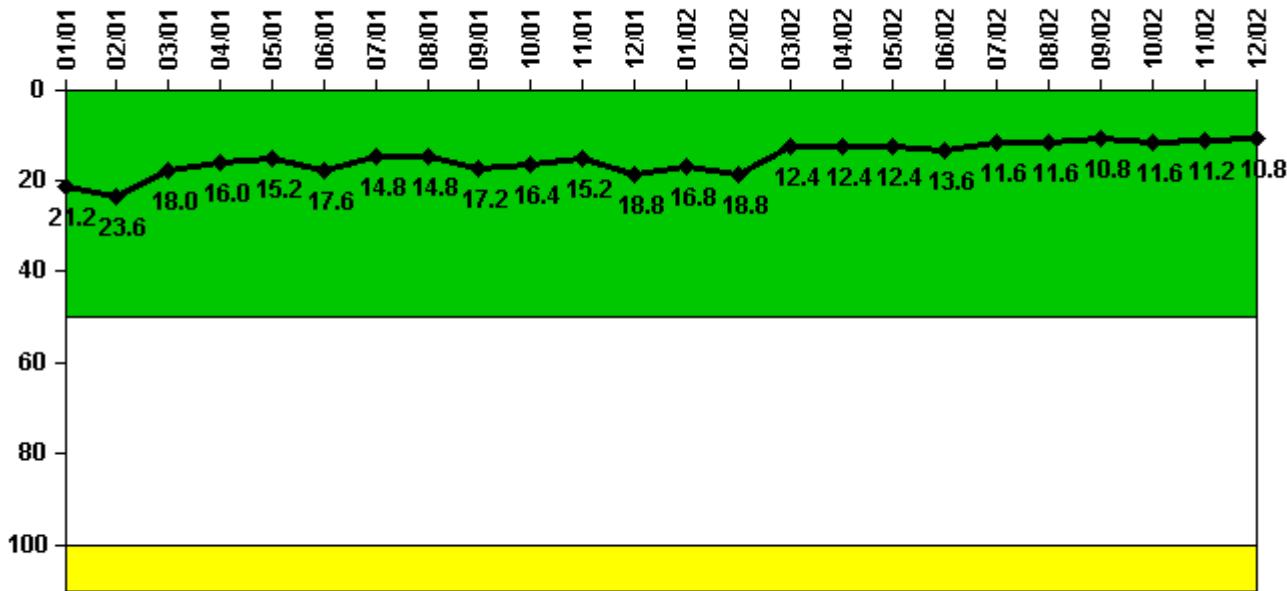
| Reactor Coolant System Activity | 1/01     | 2/01     | 3/01     | 4/01     | 5/01     | 6/01     | 7/01     | 8/01     | 9/01     | 10/01    | 11/01    | 12/01    |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity                | 0.000087 | 0.000086 | 0.000095 | 0.000110 | 0.000096 | 0.000096 | 0.000069 | 0.000075 | 0.000076 | 0.000089 | 0.000087 | 0.000110 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
|                                 |          |          |          |          |          |          |          |          |          |          |          |          |
| Indicator value                 | 0        | 0        | 0        | 0.1      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0.1      |

| Reactor Coolant System Activity | 1/02     | 2/02     | 3/02     | 4/02     | 5/02     | 6/02     | 7/02     | 8/02     | 9/02     | 10/02    | 11/02    | 12/02    |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity                | 0.000093 | 0.001690 | 0.000678 | 0.001090 | 0.001090 | 0.000678 | 0.000685 | 0.000764 | 0.000771 | 0.000804 | 0.000800 | 0.000912 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
|                                 |          |          |          |          |          |          |          |          |          |          |          |          |
| Indicator value                 | 0        | 0.8      | 0.3      | 0.5      | 0.5      | 0.3      | 0.3      | 0.4      | 0.4      | 0.4      | 0.4      | 0.5      |

Licensee Comments: none

## Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

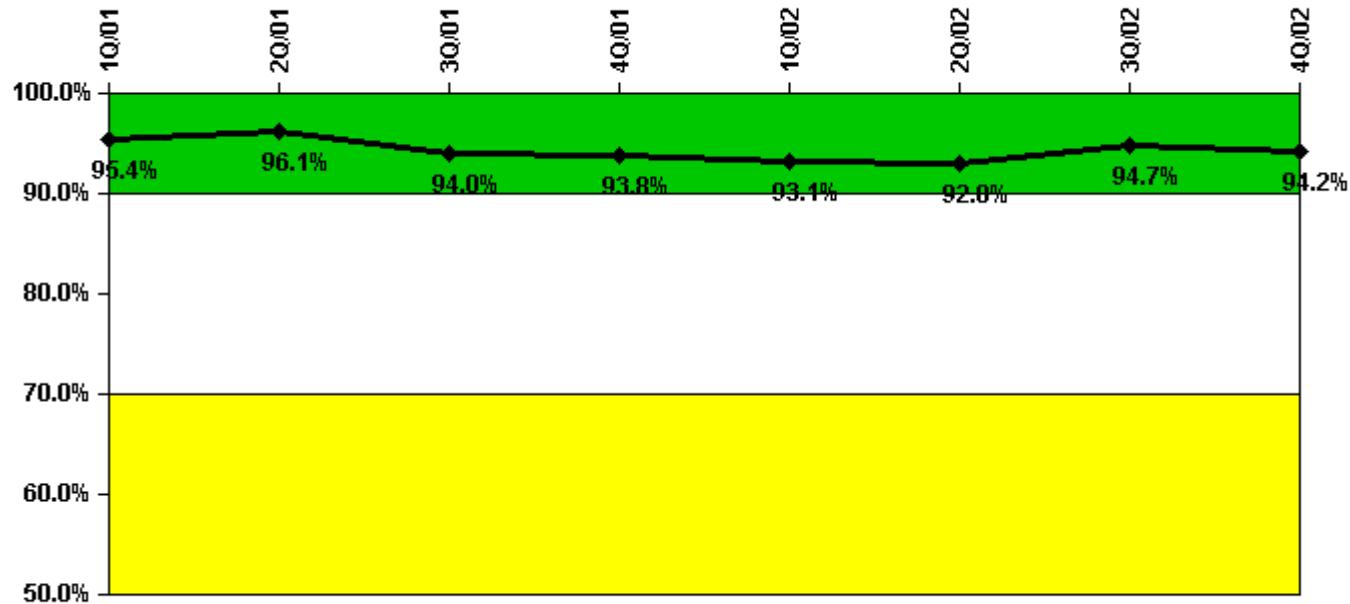
### Notes

| Reactor Coolant System Leakage | 1/01  | 2/01  | 3/01  | 4/01  | 5/01  | 6/01  | 7/01  | 8/01  | 9/01  | 10/01 | 11/01 | 12/01 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage                | 5.300 | 5.900 | 4.500 | 4.000 | 3.800 | 4.400 | 3.700 | 3.700 | 4.300 | 4.100 | 3.800 | 4.700 |
| Technical specification limit  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  |
|                                |       |       |       |       |       |       |       |       |       |       |       |       |
| Indicator value                | 21.2  | 23.6  | 18.0  | 16.0  | 15.2  | 17.6  | 14.8  | 14.8  | 17.2  | 16.4  | 15.2  | 18.8  |

| Reactor Coolant System Leakage | 1/02  | 2/02  | 3/02  | 4/02  | 5/02  | 6/02  | 7/02  | 8/02  | 9/02  | 10/02 | 11/02 | 12/02 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage                | 4.200 | 4.700 | 3.100 | 3.100 | 3.100 | 3.400 | 2.900 | 2.900 | 2.700 | 2.900 | 2.800 | 2.700 |
| Technical specification limit  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  |
|                                |       |       |       |       |       |       |       |       |       |       |       |       |
| Indicator value                | 16.8  | 18.8  | 12.4  | 12.4  | 12.4  | 13.6  | 11.6  | 11.6  | 10.8  | 11.6  | 11.2  | 10.8  |

Licensee Comments: none

**Drill/Exercise Performance**

Thresholds: White < 90.0% Yellow < 70.0%

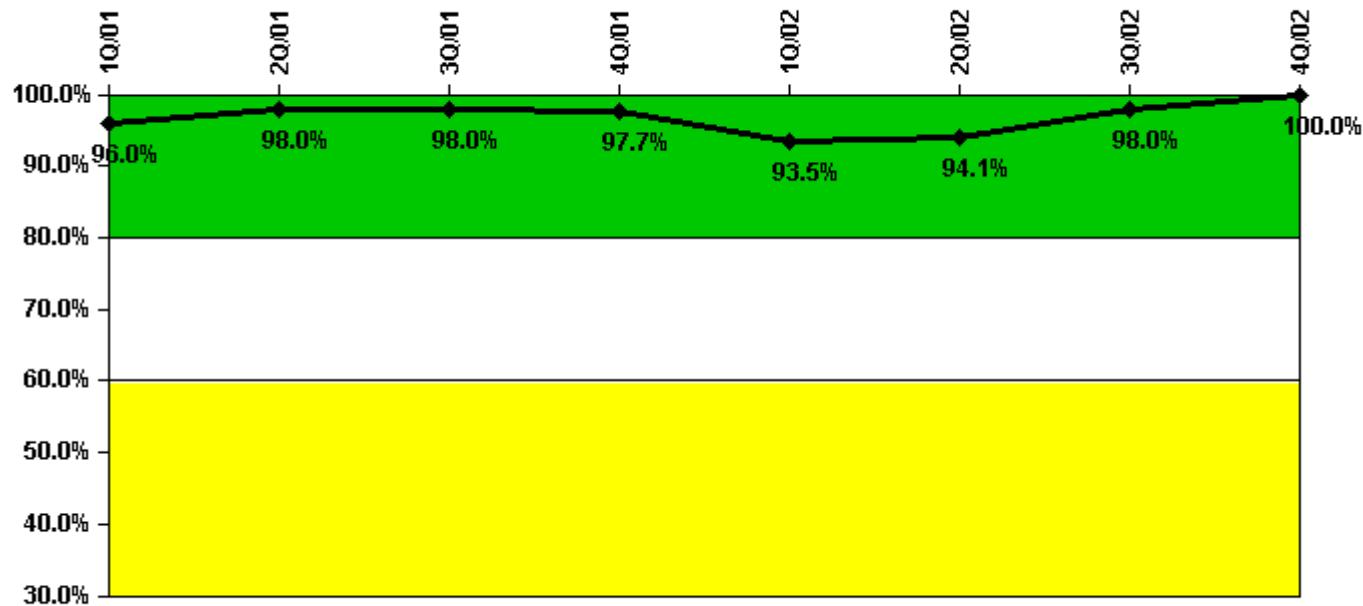
**Notes**

| Drill/Exercise Performance | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities   | 20.0  | 11.0  | 30.0  | 9.0   | 18.0  | 11.0  | 47.0  | 17.0  |
| Total opportunities        | 20.0  | 11.0  | 34.0  | 10.0  | 20.0  | 12.0  | 48.0  | 18.0  |
| Indicator value            | 95.4% | 96.1% | 94.0% | 93.8% | 93.1% | 92.8% | 94.7% | 94.2% |

Licensee Comments: none

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### **ERO Drill Participation**



Thresholds: White < 80.0% Yellow < 60.0%

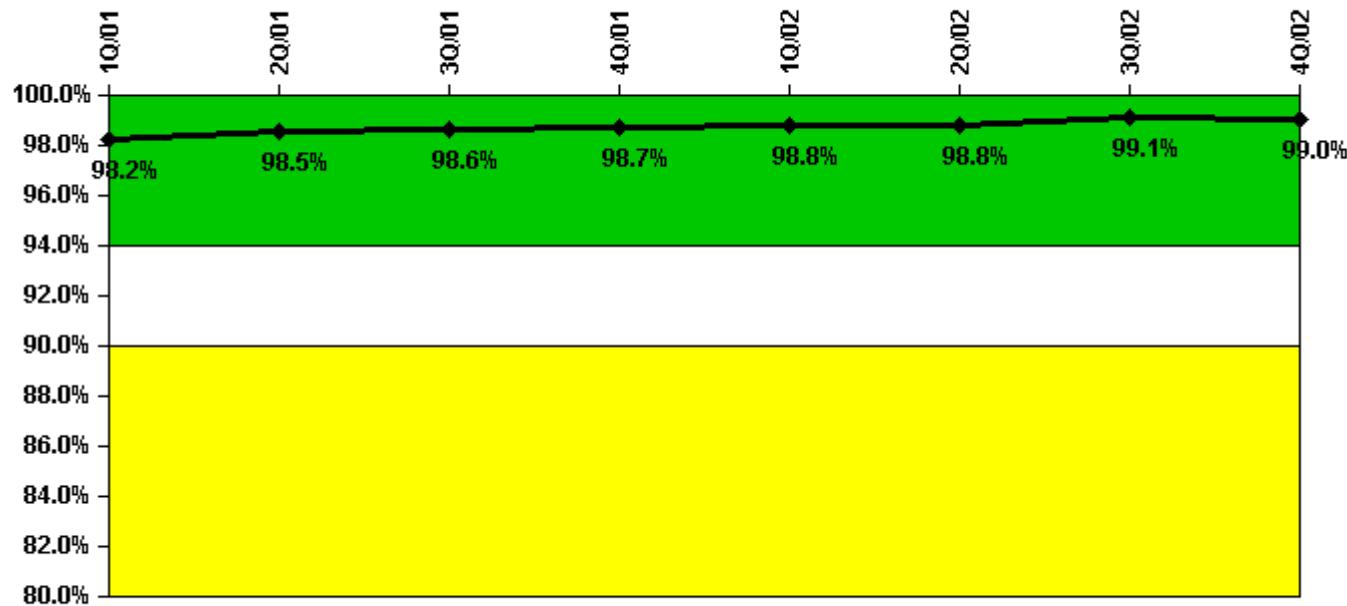
#### **Notes**

| ERO Drill Participation     | 1Q/01        | 2Q/01        | 3Q/01        | 4Q/01        | 1Q/02        | 2Q/02        | 3Q/02        | 4Q/02         |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| Participating Key personnel | 48.0         | 48.0         | 49.0         | 43.0         | 43.0         | 48.0         | 50.0         | 51.0          |
| Total Key personnel         | 50.0         | 49.0         | 50.0         | 44.0         | 46.0         | 51.0         | 51.0         | 51.0          |
|                             |              |              |              |              |              |              |              |               |
| <b>Indicator value</b>      | <b>96.0%</b> | <b>98.0%</b> | <b>98.0%</b> | <b>97.7%</b> | <b>93.5%</b> | <b>94.1%</b> | <b>98.0%</b> | <b>100.0%</b> |

Licensee Comments: none

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## Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

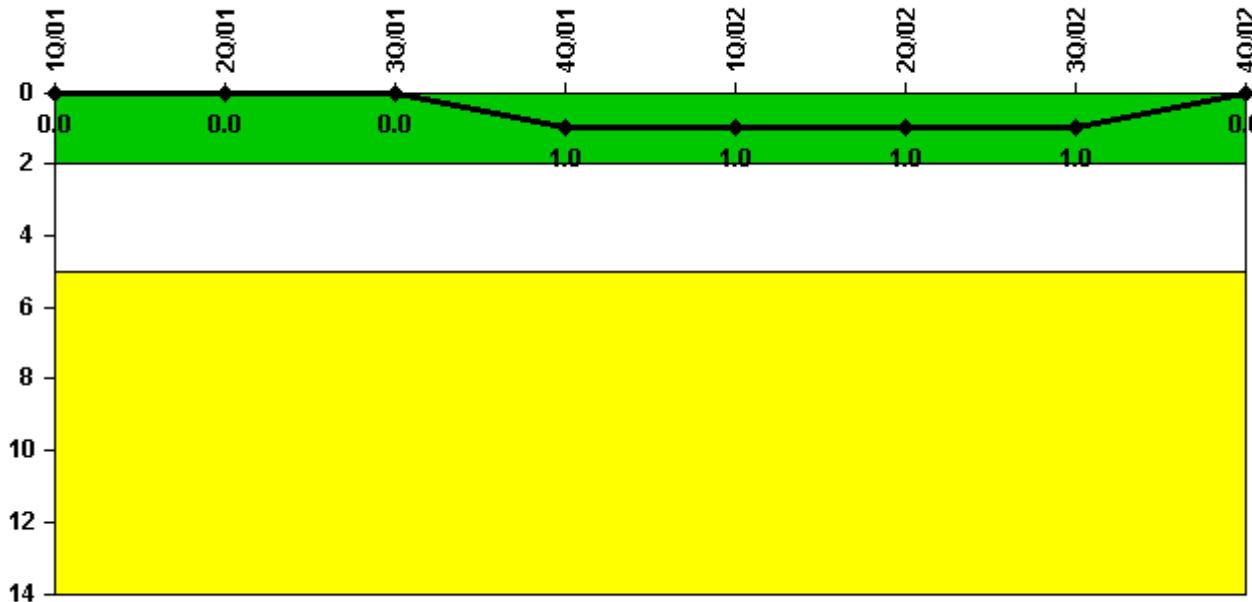
### Notes

| Alert & Notification System | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests      | 2240  | 2254  | 2202  | 2160  | 2120  | 2150  | 2160  | 2489  |
| Total sirens-tests          | 2278  | 2278  | 2244  | 2176  | 2142  | 2176  | 2176  | 2512  |
| Indicator value             | 98.2% | 98.5% | 98.6% | 98.7% | 98.8% | 98.8% | 99.1% | 99.0% |

### Licensee Comments:

4Q/02: Additional sirens were added in the 4th quarter 2002 to replace mobile alert notification process.

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**Occupational Exposure Control Effectiveness**

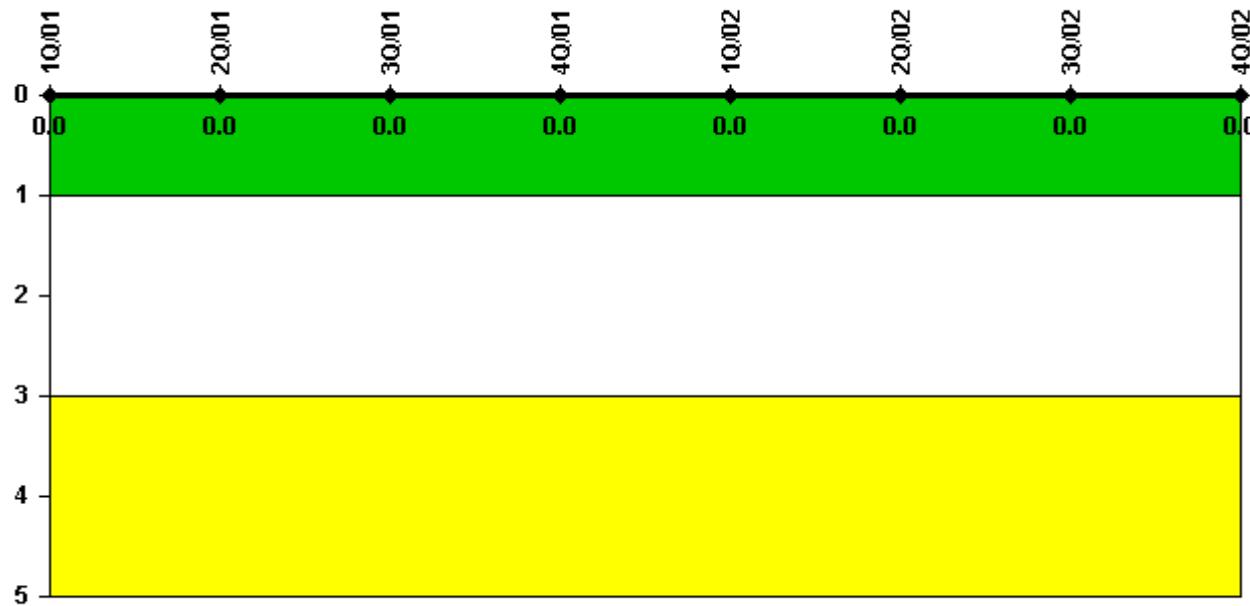
Thresholds: White > 2.0 Yellow > 5.0

**Notes**

| Occupational Exposure Control Effectiveness | 1Q/01    | 2Q/01    | 3Q/01    | 4Q/01    | 1Q/02    | 2Q/02    | 3Q/02    | 4Q/02    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>0</b> | <b>0</b> | <b>0</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>0</b> |

Licensee Comments: none

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**RETS/ODCM Radiological Effluent**

Thresholds: White > 1.0 Yellow > 3.0

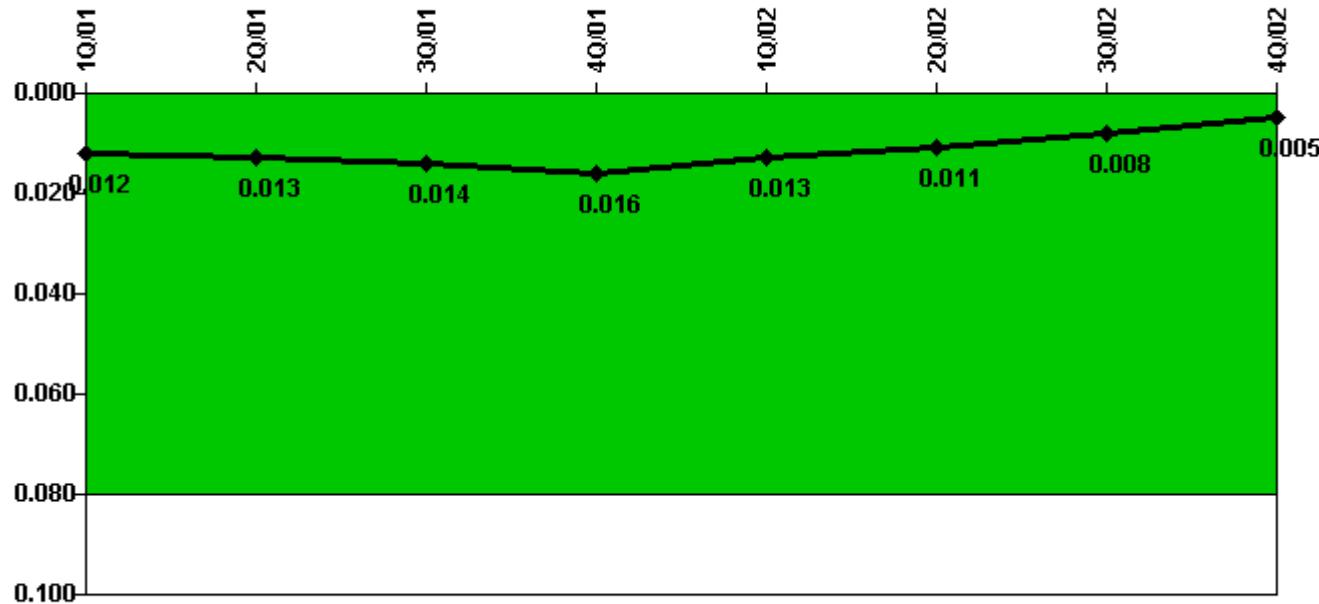
**Notes**

| RETS/ODCM Radiological Effluent | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
|                                 |       |       |       |       |       |       |       |       |
| Indicator value                 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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## Protected Area Security Performance Index

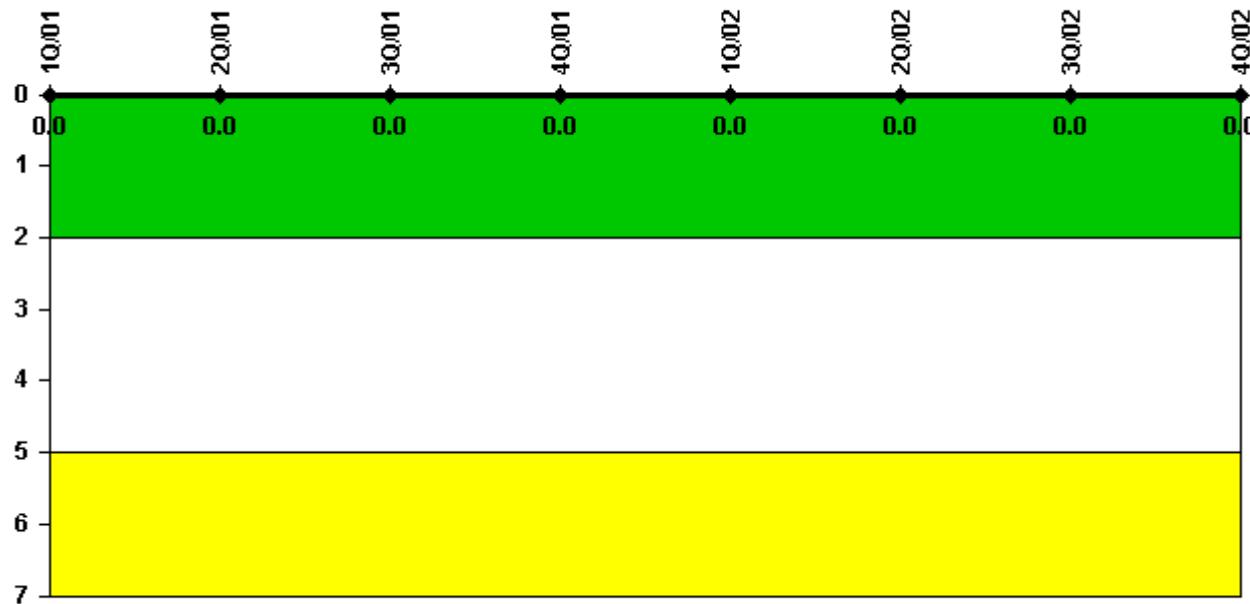


Thresholds: White > 0.080

### Notes

| Protected Area Security Performance Index | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| IDS compensatory hours                    | 75.10 | 51.60 | 95.90 | 68.40 | 10.80 | 11.50 | 36.40 | 42.60 |
| CCTV compensatory hours                   | 0     | 17.6  | 0.4   | 24.6  | 0     | 4.7   | 2.8   | 0     |
| IDS normalization factor                  | 1.20  | 1.20  | 1.20  | 1.20  | 1.20  | 1.20  | 1.20  | 1.20  |
| CCTV normalization factor                 | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   |
| Index Value                               | 0.012 | 0.013 | 0.014 | 0.016 | 0.013 | 0.011 | 0.008 | 0.005 |

Licensee Comments: none

**Personnel Screening Program**

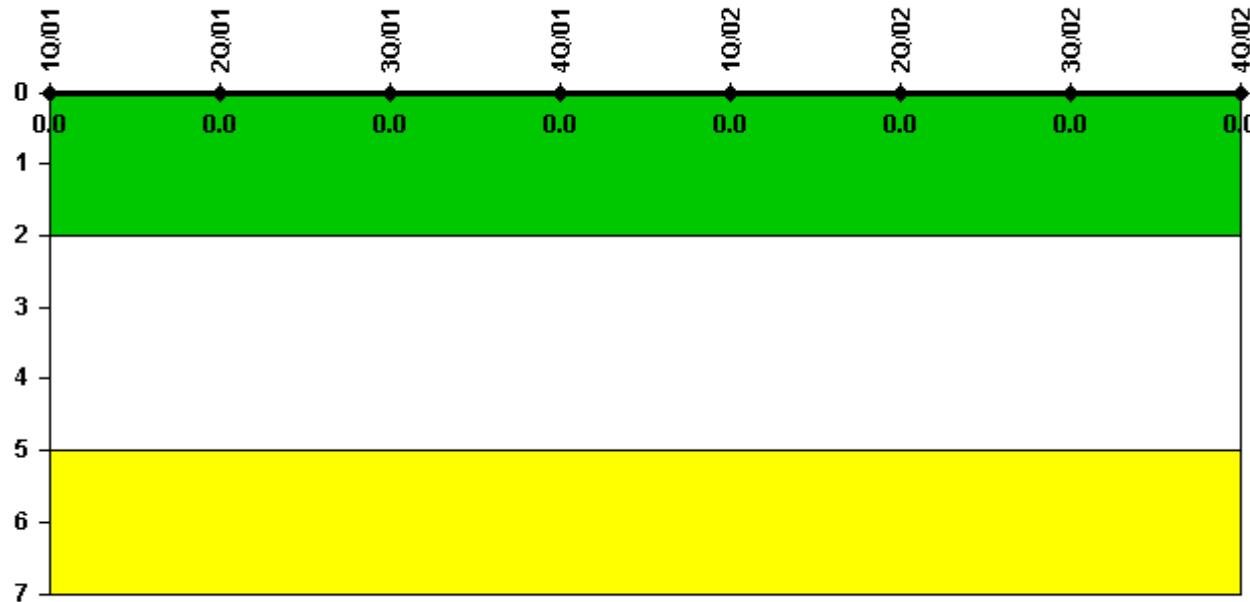
Thresholds: White > 2.0 Yellow > 5.0

**Notes**

| Personnel Screening Program | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Program failures            | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value             | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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**FFD/Personnel Reliability**

Thresholds: White > 2.0 Yellow > 5.0

**Notes**

| FFD/Personnel Reliability | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 |
|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Program Failures          | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
|                           |       |       |       |       |       |       |       |       |
| Indicator value           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none



[PI Summary](#) | [Inspection Findings Summary](#) | [Reactor Oversight Process](#)

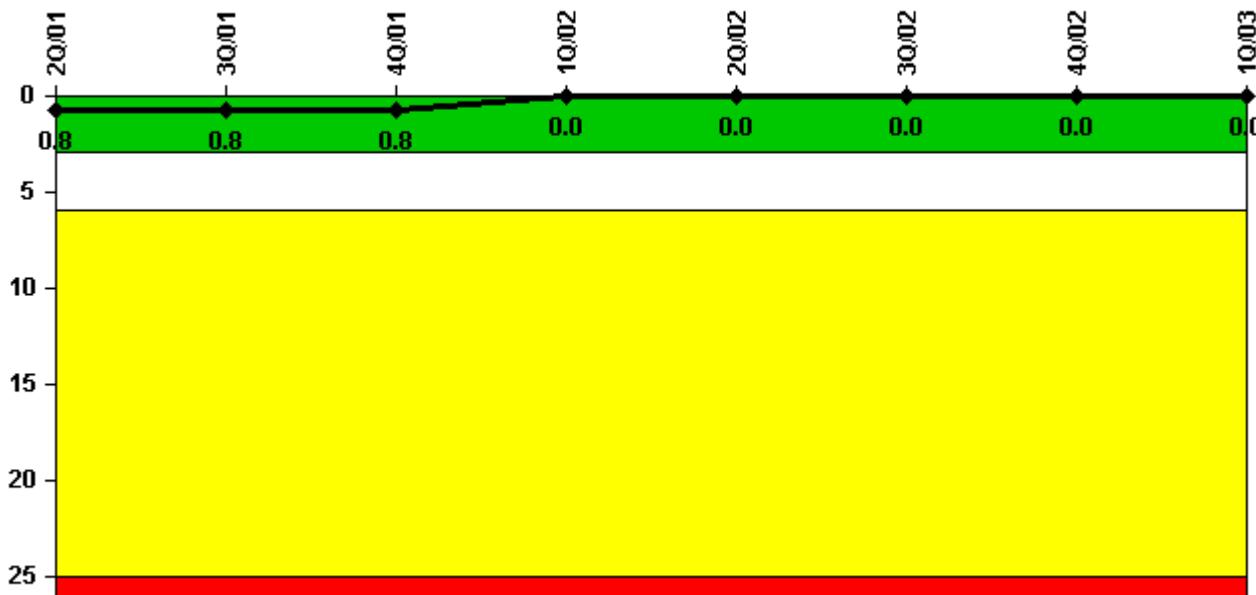
Last Modified: January 30, 2003

# La Salle 1

## 1Q/2003 Performance Indicators

Licensee's General Comments: none

### **Unplanned Scrams per 7000 Critical Hrs**

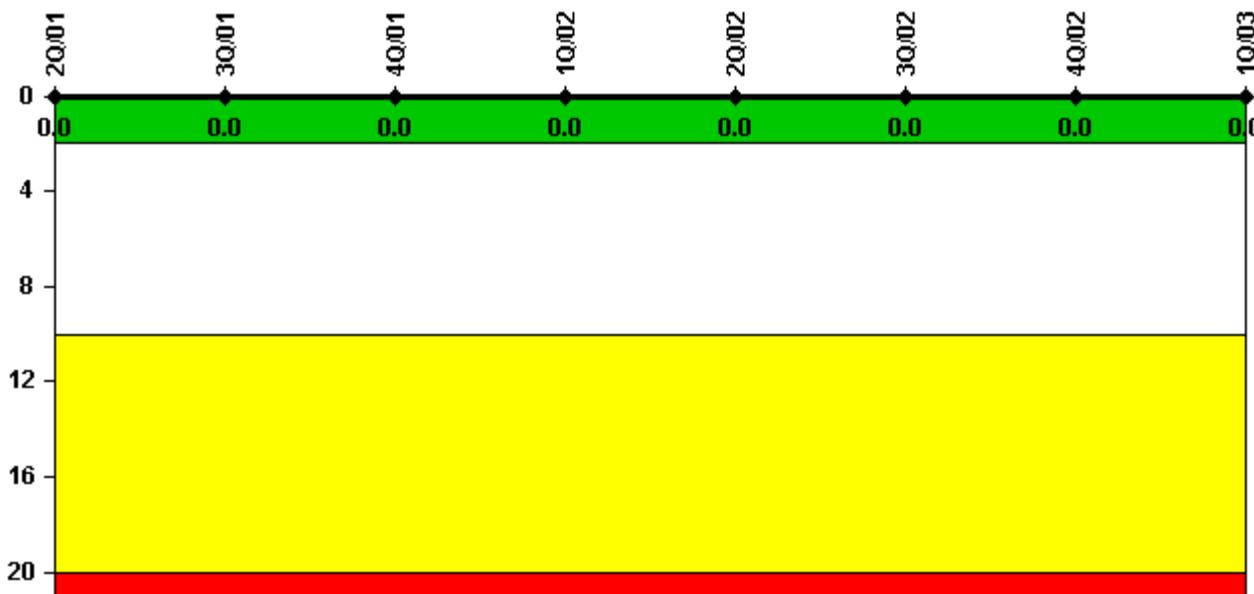


Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

| Unplanned Scrams per 7000 Critical Hrs | 2Q/01  | 3Q/01  | 4Q/01  | 1Q/02  | 2Q/02  | 3Q/02  | 4Q/02  | 1Q/03  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Critical hours                         | 2183.0 | 2208.0 | 2209.0 | 1585.9 | 1994.3 | 2208.0 | 2209.0 | 2160.0 |
| Indicator value                        | 0.8    | 0.8    | 0.8    | 0      | 0      | 0      | 0      | 0      |

Licensee Comments: none

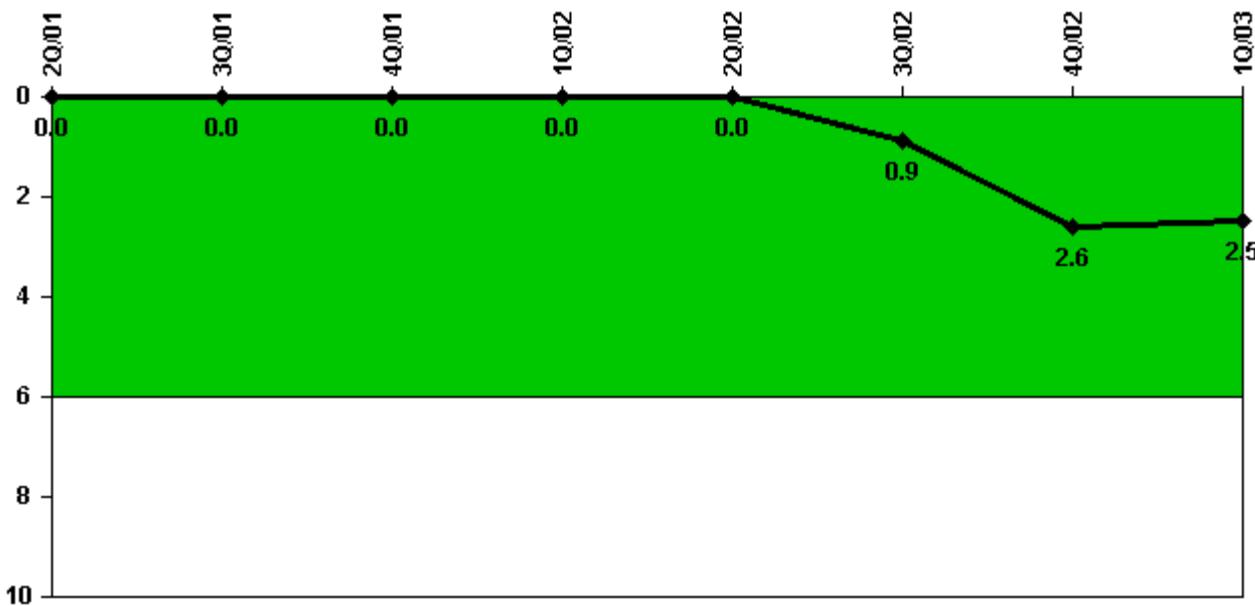
**Scrams with Loss of Normal Heat Removal**

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

**Notes**

| Scrams with Loss of Normal Heat Removal | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams                                  | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                         | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

**Unplanned Power Changes per 7000 Critical Hrs**

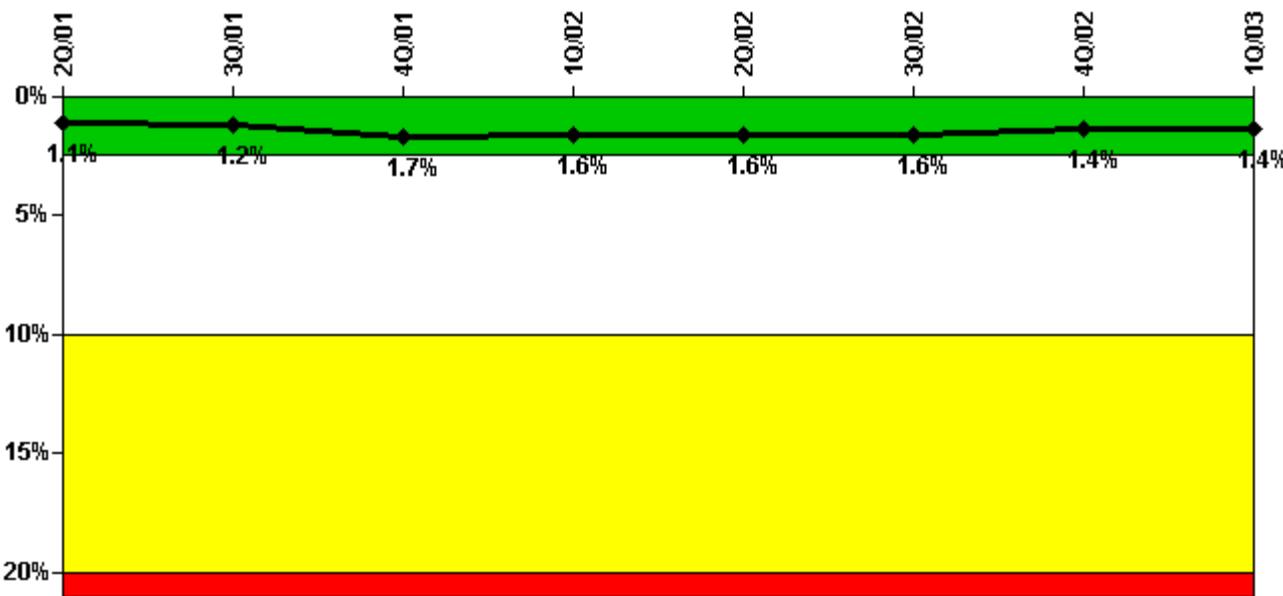
Thresholds: White > 6.0

**Notes**

| Unplanned Power Changes per 7000 Critical Hrs | 2Q/01  | 3Q/01  | 4Q/01  | 1Q/02  | 2Q/02  | 3Q/02  | 4Q/02  | 1Q/03  |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes                       | 0      | 0      | 0      | 0      | 0      | 1.0    | 2.0    | 0      |
| Critical hours                                | 2183.0 | 2208.0 | 2209.0 | 1585.9 | 1994.3 | 2208.0 | 2209.0 | 2160.0 |
| Indicator value                               | 0      | 0      | 0      | 0      | 0      | 0.9    | 2.6    | 2.5    |

Licensee Comments: none

## **Safety System Unavailability, Emergency AC Power, >2EDG**



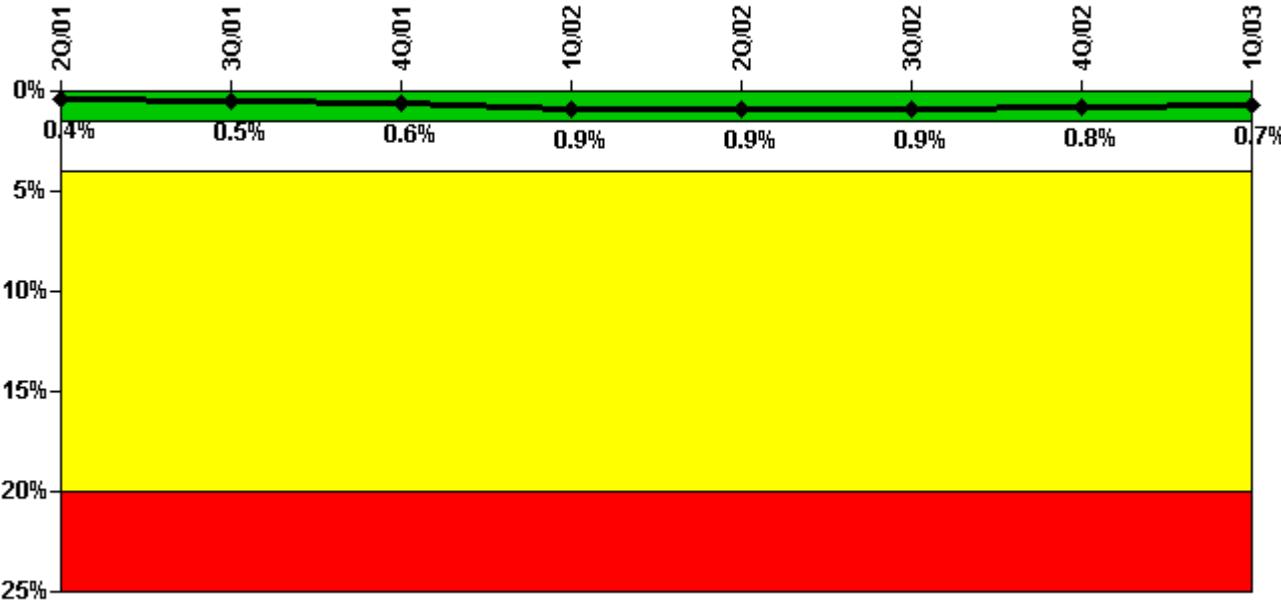
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

### Notes

| Safety System Unavailability, Emergency AC Power, >2EDG | 2Q/01       | 3Q/01       | 4Q/01       | 1Q/02       | 2Q/02       | 3Q/02       | 4Q/02       | 1Q/03       |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 0.75        | 0.85        | 61.00       | 0.50        | 6.95        | 82.40       | 1.13        | 33.00       |
| Unplanned unavailable hours                             | 0           | 0           | 0           | 0           | 0           | 28.00       | 0           | 0           |
| Fault exposure hours                                    | 0           | 0           | 336.00      | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     |
| <b>Train 2</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 0.75        | 1.25        | 24.05       | 0.75        | 72.72       | 1.00        | 1.00        | 69.53       |
| Unplanned unavailable hours                             | 0           | 0           | 13.40       | 0           | 0           | 0           | 0           | 0           |
| Fault exposure hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     |
| <b>Train 3</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 29.52       | 54.98       | 2.13        | 11.17       | 1.25        | 0.75        | 0.98        | 1.12        |
| Unplanned unavailable hours                             | 0           | 22.27       | 0           | 0           | 0           | 0           | 0           | 0           |
| Fault exposure hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     |
| <b>Indicator value</b>                                  | <b>1.1%</b> | <b>1.2%</b> | <b>1.7%</b> | <b>1.6%</b> | <b>1.6%</b> | <b>1.6%</b> | <b>1.4%</b> | <b>1.4%</b> |

Licensee Comments: none

## Safety System Unavailability, High Pressure Injection System (HPCS)



Thresholds: White > 1.5% Yellow > 4.0% Red > 20.0%

### Notes

| Safety System Unavailability, High Pressure Injection System (HPCS) | 2Q/01       | 3Q/01       | 4Q/01       | 1Q/02       | 2Q/02       | 3Q/02       | 4Q/02       | 1Q/03       |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours   | 23.60       | 24.50       | 28.33       | 78.75       | 0           | 0           | 0           | 0           |
| Unplanned unavailable hours   | 0           | 0           | 0           | 0           | 0           | 0           | 0.60        | 0           |
| Fault exposure hours  | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2183.00     | 2208.00     | 2209.00     | 1585.90     | 1991.80     | 2208.00     | 2209.00     | 2160.00     |
| <b>Indicator value</b>  | <b>0.4%</b> | <b>0.5%</b> | <b>0.6%</b> | <b>0.9%</b> | <b>0.9%</b> | <b>0.9%</b> | <b>0.8%</b> | <b>0.7%</b> |

Licensee Comments: none

## Safety System Unavailability, Heat Removal System (RCIC)



Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

### Notes

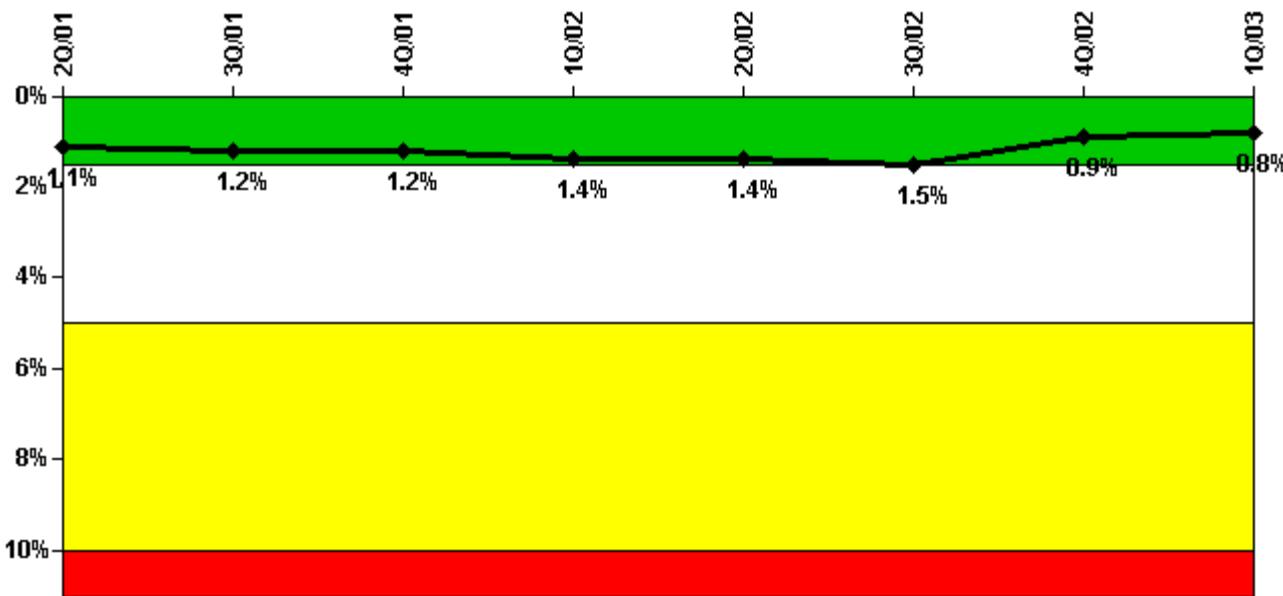
| Safety System Unavailability, Heat Removal System (RCIC) | 2Q/01       | 3Q/01       | 4Q/01       | 1Q/02       | 2Q/02       | 3Q/02       | 4Q/02       | 1Q/03       |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                | 11.60       | 1.90        | 59.30       | 23.90       | 33.70       | 61.30       | 15.90       | 0.30        |
| Unplanned unavailable hours                              | 0           | 0           | 0           | 0           | 0           | 20.10       | 0.40        | 0           |
| Fault exposure hours                                     | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 2183.00     | 2208.00     | 2209.00     | 1585.90     | 1991.80     | 2208.00     | 2209.00     | 2160.00     |
| <b>Indicator value</b>                                   | <b>2.9%</b> | <b>1.5%</b> | <b>1.6%</b> | <b>1.7%</b> | <b>1.8%</b> | <b>1.8%</b> | <b>1.8%</b> | <b>1.7%</b> |

### Licensee Comments:

3Q/02: 76.6 hours unavailability added in September 2002 for Unit 1 RCIC due to unavailability of ECCS Area Cooler 1VY04C. The impact of the cooler unavailability was previously unrecognized. The issue has been entered into the corrective action program. The indicator color did not change as a result of the additional hours.

1Q/01: 39.3 hours unavailability added in February 2001 for Unit 1 RCIC due to unavailability of ECCS Area Cooler 1VY04C. The impact of the cooler unavailability was previously unrecognized. The issue has been entered into the corrective action program. The indicator color did not change as a result of the additional hours.

## **Safety System Unavailability, Residual Heat Removal System**

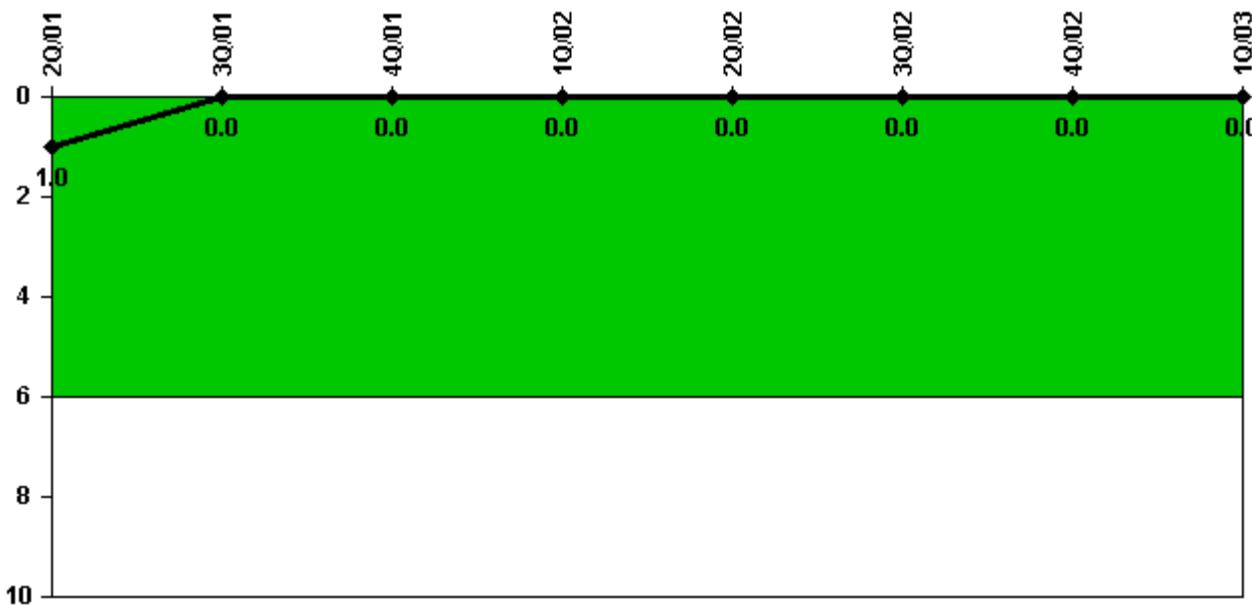


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

### Notes

| Safety System Unavailability, Residual Heat Removal System | 2Q/01       | 3Q/01       | 4Q/01       | 1Q/02       | 2Q/02       | 3Q/02       | 4Q/02       | 1Q/03       |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                  | 0           | 0           | 8.50        | 0           | 2.30        | 42.00       | 11.40       | 0           |
| Unplanned unavailable hours                                | 0           | 0           | 0           | 0           | 0           | 20.10       | 0.30        | 0           |
| Fault exposure hours                                       | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                      | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     |
| <b>Train 2</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                  | 0           | 24.30       | 9.90        | 98.50       | 9.40        | 16.80       | 0           | 0           |
| Unplanned unavailable hours                                | 0           | 5.90        | 12.80       | 0           | 0           | 0           | 1.10        | 0.80        |
| Fault exposure hours                                       | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                      | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     |
| <b>Indicator value</b>                                     | <b>1.1%</b> | <b>1.2%</b> | <b>1.2%</b> | <b>1.4%</b> | <b>1.4%</b> | <b>1.5%</b> | <b>0.9%</b> | <b>0.8%</b> |

Licensee Comments: none

**Safety System Functional Failures (BWR)**

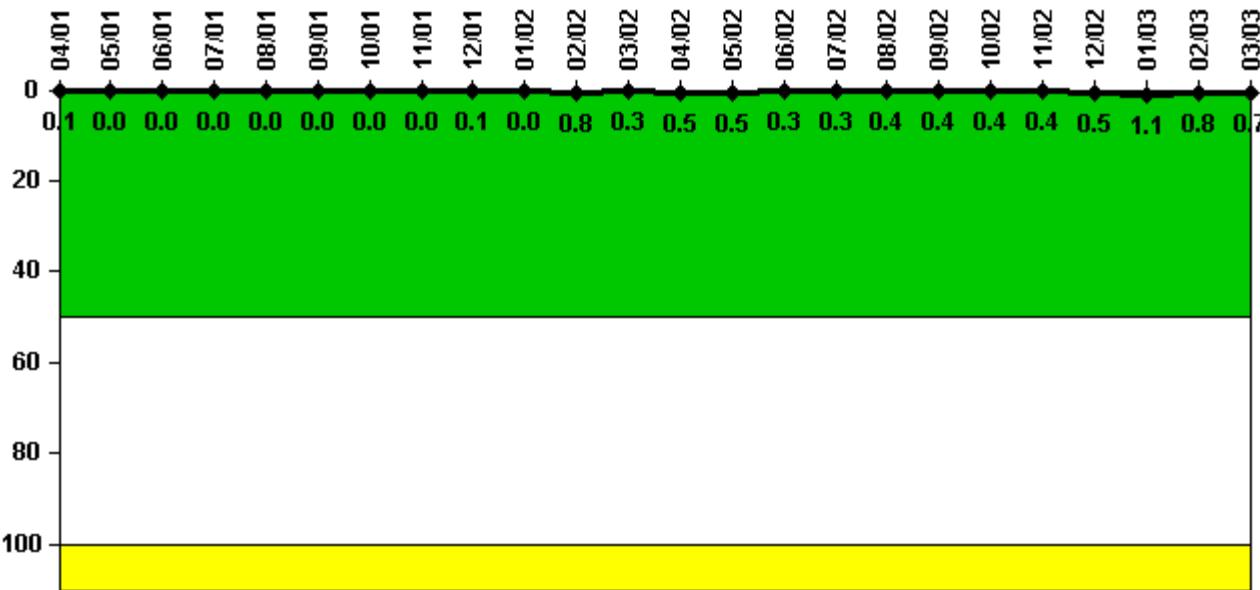
Thresholds: White > 6.0

**Notes**

| <b>Safety System Functional Failures (BWR)</b> | <b>2Q/01</b> | <b>3Q/01</b> | <b>4Q/01</b> | <b>1Q/02</b> | <b>2Q/02</b> | <b>3Q/02</b> | <b>4Q/02</b> | <b>1Q/03</b> |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Safety System Functional Failures              | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| <b>Indicator value</b>                         | <b>1</b>     | <b>0</b>     |

Licensee Comments: none

### Reactor Coolant System Activity



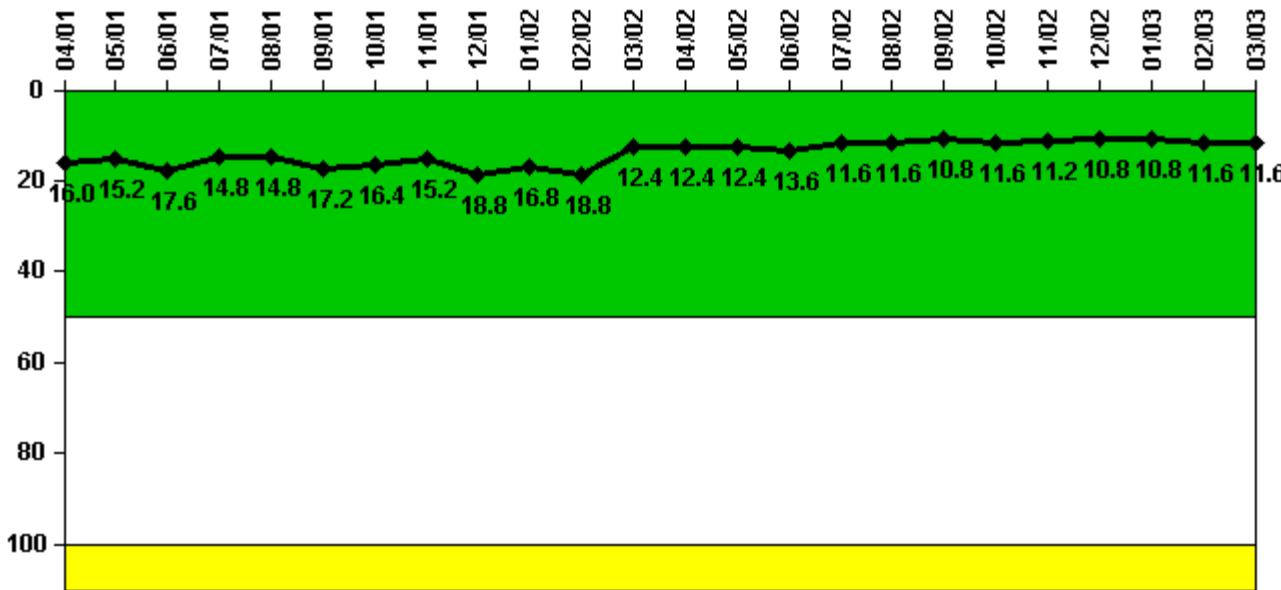
Thresholds: White > 50.0 Yellow > 100.0

#### Notes

| Reactor Coolant System Activity | 4/01       | 5/01       | 6/01       | 7/01       | 8/01       | 9/01       | 10/01      | 11/01      | 12/01      | 1/02       | 2/02       | 3/02       |
|---------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Maximum activity                | 0.000110   | 0.000096   | 0.000096   | 0.000069   | 0.000075   | 0.000076   | 0.000089   | 0.000087   | 0.000110   | 0.000093   | 0.001690   | 0.000678   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| <b>Indicator value</b>          | <b>0.1</b> | <b>0</b>   | <b>0.1</b> | <b>0.8</b> | <b>0.3</b> |
| Reactor Coolant System Activity | 4/02       | 5/02       | 6/02       | 7/02       | 8/02       | 9/02       | 10/02      | 11/02      | 12/02      | 1/03       | 2/03       | 3/03       |
| Maximum activity                | 0.001090   | 0.001090   | 0.000678   | 0.000685   | 0.000764   | 0.000771   | 0.000804   | 0.000800   | 0.000912   | 0.002110   | 0.001690   | 0.001350   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| <b>Indicator value</b>          | <b>0.5</b> | <b>0.5</b> | <b>0.3</b> | <b>0.3</b> | <b>0.4</b> | <b>0.4</b> | <b>0.4</b> | <b>0.4</b> | <b>0.5</b> | <b>1.1</b> | <b>0.8</b> | <b>0.7</b> |

Licensee Comments: none

### Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

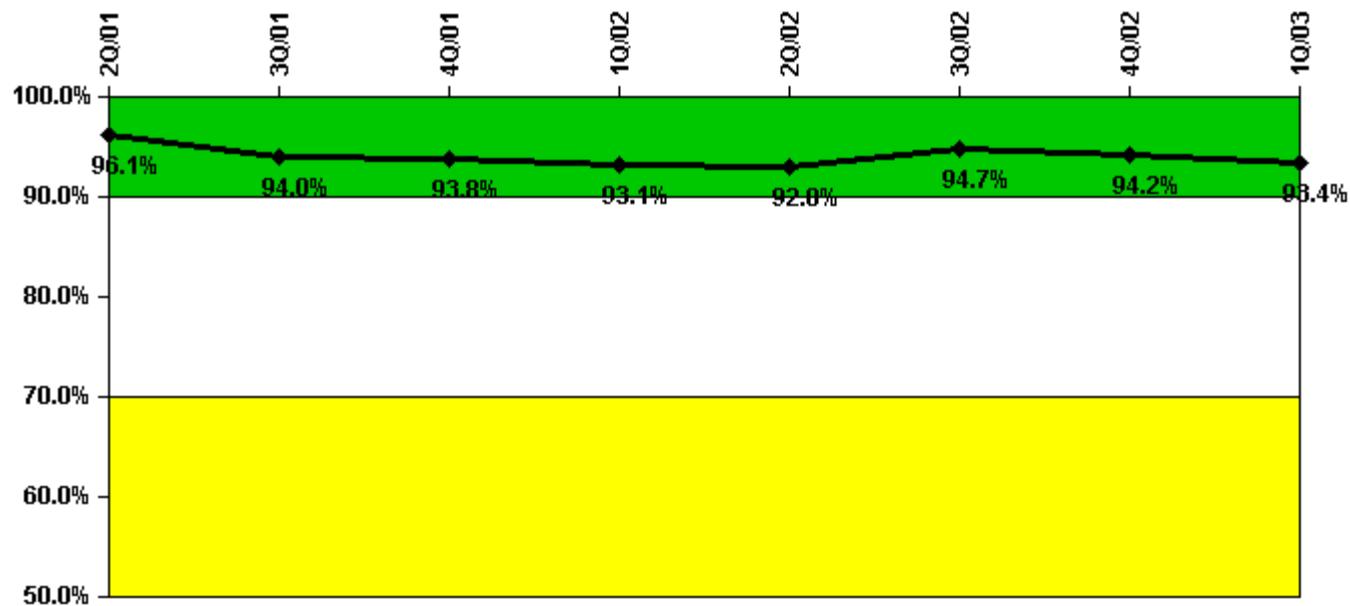
#### Notes

| Reactor Coolant System Leakage | 4/01  | 5/01  | 6/01  | 7/01  | 8/01  | 9/01  | 10/01 | 11/01 | 12/01 | 1/02  | 2/02  | 3/02  |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage                | 4.000 | 3.800 | 4.400 | 3.700 | 3.700 | 4.300 | 4.100 | 3.800 | 4.700 | 4.200 | 4.700 | 3.100 |
| Technical specification limit  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  |
| Indicator value                | 16.0  | 15.2  | 17.6  | 14.8  | 14.8  | 17.2  | 16.4  | 15.2  | 18.8  | 16.8  | 18.8  | 12.4  |

| Reactor Coolant System Leakage | 4/02  | 5/02  | 6/02  | 7/02  | 8/02  | 9/02  | 10/02 | 11/02 | 12/02 | 1/03  | 2/03  | 3/03  |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage                | 3.100 | 3.100 | 3.400 | 2.900 | 2.900 | 2.700 | 2.900 | 2.800 | 2.700 | 2.700 | 2.900 | 2.900 |
| Technical specification limit  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  |
| Indicator value                | 12.4  | 12.4  | 13.6  | 11.6  | 11.6  | 10.8  | 11.6  | 11.2  | 10.8  | 10.8  | 11.6  | 11.6  |

Licensee Comments: none

**Drill/Exercise Performance**

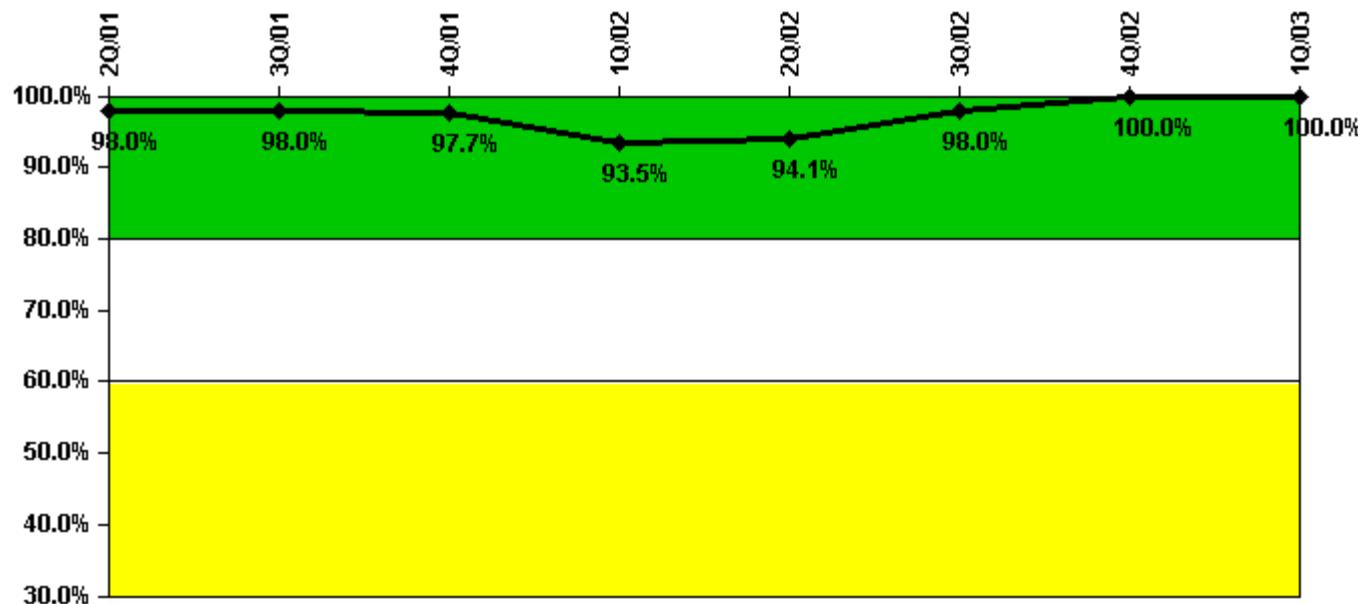
Thresholds: White < 90.0% Yellow < 70.0%

**Notes**

| Drill/Exercise Performance | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities   | 11.0  | 30.0  | 9.0   | 18.0  | 11.0  | 47.0  | 17.0  | 13.0  |
| Total opportunities        | 11.0  | 34.0  | 10.0  | 20.0  | 12.0  | 48.0  | 18.0  | 14.0  |
| Indicator value            | 96.1% | 94.0% | 93.8% | 93.1% | 92.8% | 94.7% | 94.2% | 93.4% |

Licensee Comments: none

### **ERO Drill Participation**



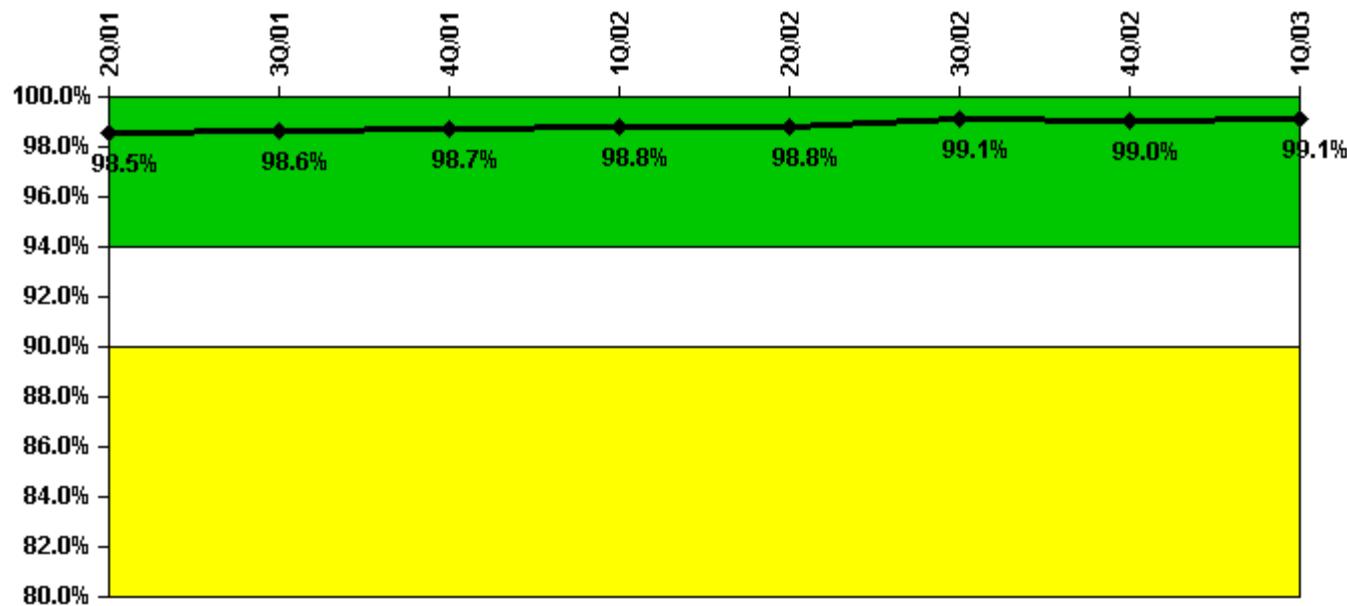
Thresholds: White < 80.0% Yellow < 60.0%

#### **Notes**

| <b>ERO Drill Participation</b> | <b>2Q/01</b> | <b>3Q/01</b> | <b>4Q/01</b> | <b>1Q/02</b> | <b>2Q/02</b> | <b>3Q/02</b> | <b>4Q/02</b>  | <b>1Q/03</b>  |
|--------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|
| Participating Key personnel    | 48.0         | 49.0         | 43.0         | 43.0         | 48.0         | 50.0         | 51.0          | 54.0          |
| Total Key personnel            | 49.0         | 50.0         | 44.0         | 46.0         | 51.0         | 51.0         | 51.0          | 54.0          |
| <b>Indicator value</b>         | <b>98.0%</b> | <b>98.0%</b> | <b>97.7%</b> | <b>93.5%</b> | <b>94.1%</b> | <b>98.0%</b> | <b>100.0%</b> | <b>100.0%</b> |

Licensee Comments: none

## Alert & Notification System



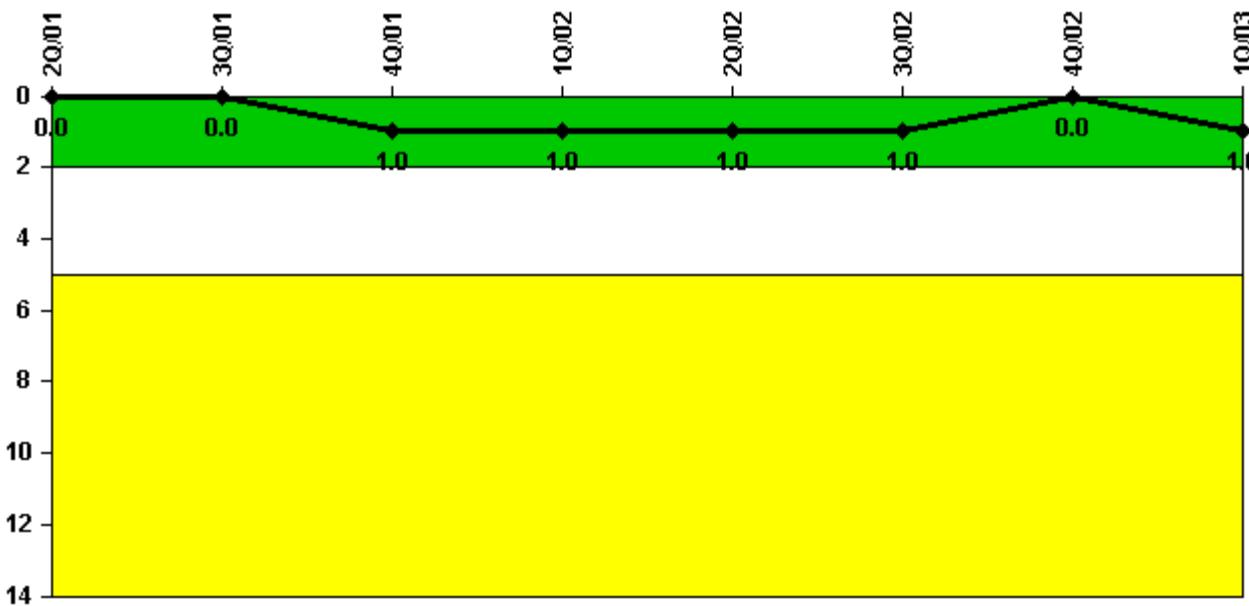
Thresholds: White < 94.0% Yellow < 90.0%

### Notes

| Alert & Notification System | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests      | 2254  | 2202  | 2160  | 2120  | 2150  | 2160  | 2489  | 3129  |
| Total sirens-tests          | 2278  | 2244  | 2176  | 2142  | 2176  | 2176  | 2512  | 3150  |
| Indicator value             | 98.5% | 98.6% | 98.7% | 98.8% | 98.8% | 99.1% | 99.0% | 99.1% |

Licensee Comments: none

### Occupational Exposure Control Effectiveness

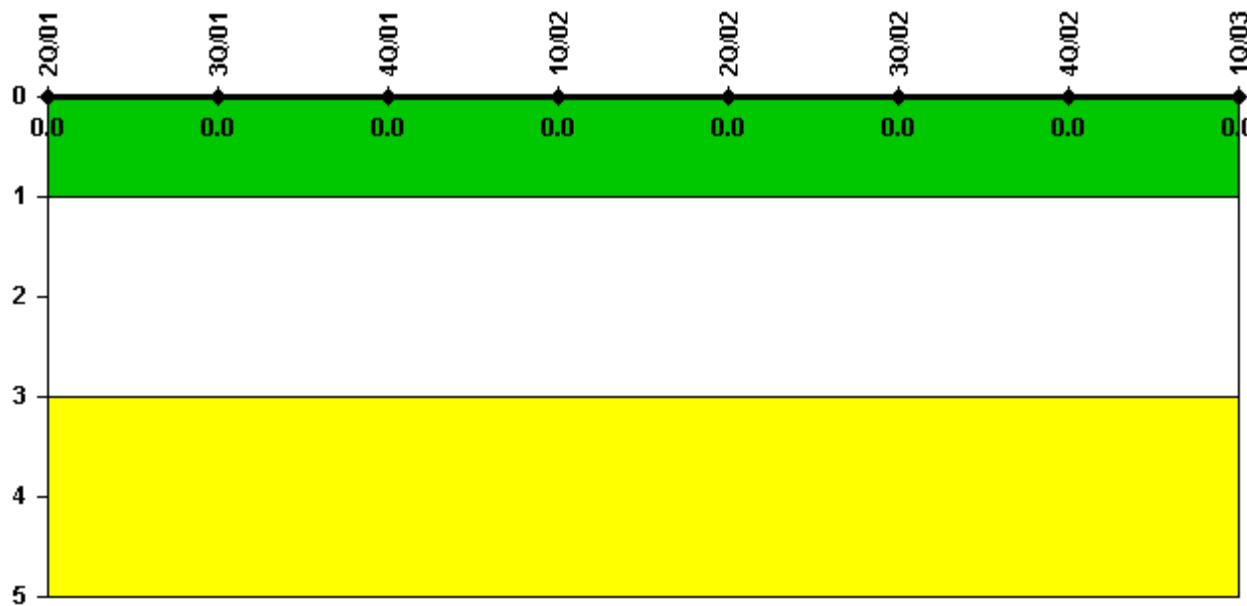


Thresholds: White > 2.0 Yellow > 5.0

#### Notes

| Occupational Exposure Control Effectiveness | 2Q/01    | 3Q/01    | 4Q/01    | 1Q/02    | 2Q/02    | 3Q/02    | 4Q/02    | 1Q/03    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 1        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>0</b> | <b>0</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>0</b> | <b>1</b> |

Licensee Comments: none

**RETS/ODCM Radiological Effluent**

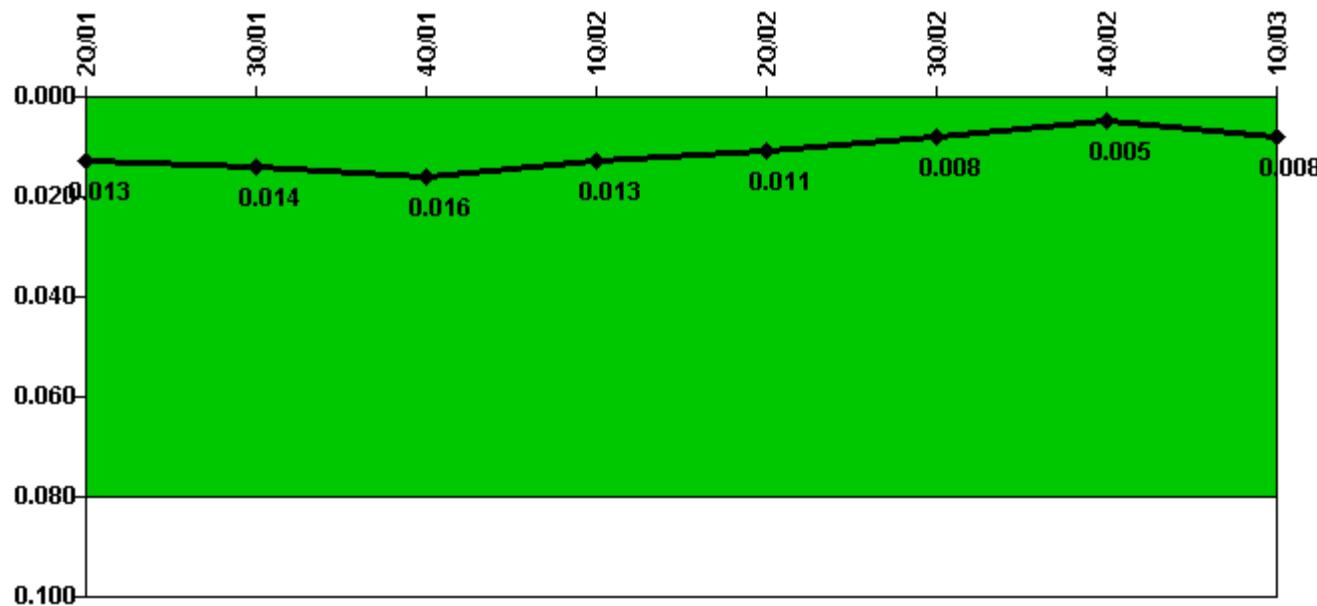
Thresholds: White > 1.0 Yellow > 3.0

**Notes**

| RETS/ODCM Radiological Effluent | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

### Protected Area Security Performance Index

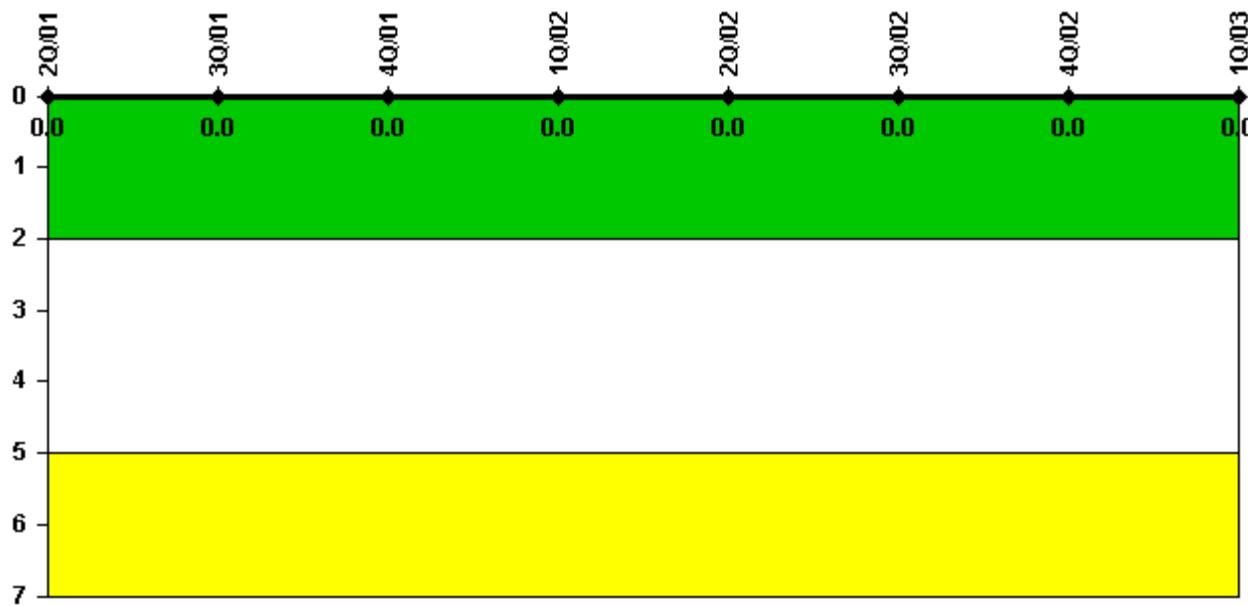


Thresholds: White > 0.080

#### Notes

| Protected Area Security Performance Index | 2Q/01        | 3Q/01        | 4Q/01        | 1Q/02        | 2Q/02        | 3Q/02        | 4Q/02        | 1Q/03        |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| IDS compensatory hours                    | 51.60        | 95.90        | 68.40        | 10.80        | 11.50        | 36.40        | 42.60        | 49.40        |
| CCTV compensatory hours                   | 17.6         | 0.4          | 24.6         | 0            | 4.7          | 2.8          | 0            | 8.5          |
| IDS normalization factor                  | 1.20         | 1.20         | 1.20         | 1.20         | 1.20         | 1.20         | 1.20         | 1.20         |
| CCTV normalization factor                 | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          |
| <b>Index Value</b>                        | <b>0.013</b> | <b>0.014</b> | <b>0.016</b> | <b>0.013</b> | <b>0.011</b> | <b>0.008</b> | <b>0.005</b> | <b>0.008</b> |

Licensee Comments: none

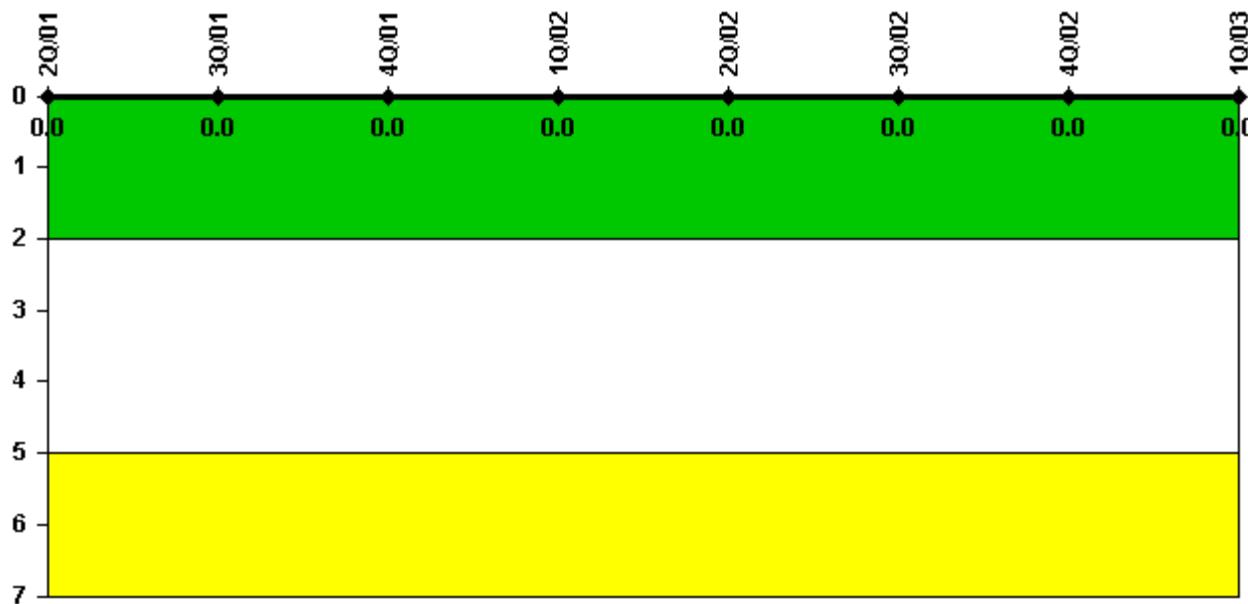
**Personnel Screening Program**

Thresholds: White > 2.0 Yellow > 5.0

**Notes**

| Personnel Screening Program | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Program failures            | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
|                             |       |       |       |       |       |       |       |       |
| Indicator value             | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

**FFD/Personnel Reliability**

Thresholds: White > 2.0 Yellow > 5.0

**Notes**

| FFD/Personnel Reliability | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 |
|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Program Failures          | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none



[PI Summary](#) | [Inspection Findings Summary](#) | [Reactor Oversight Process](#)

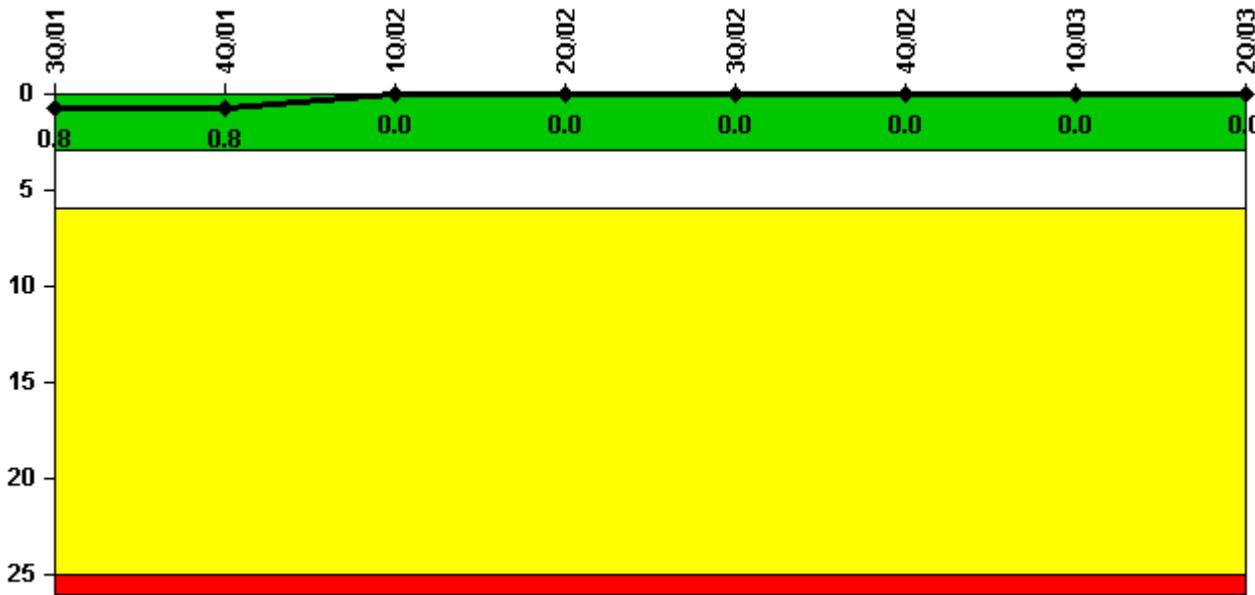
Last Modified: April 22, 2003

## La Salle 1

### 2Q/2003 Performance Indicators

Licensee's General Comments: none

#### Unplanned Scrams per 7000 Critical Hrs

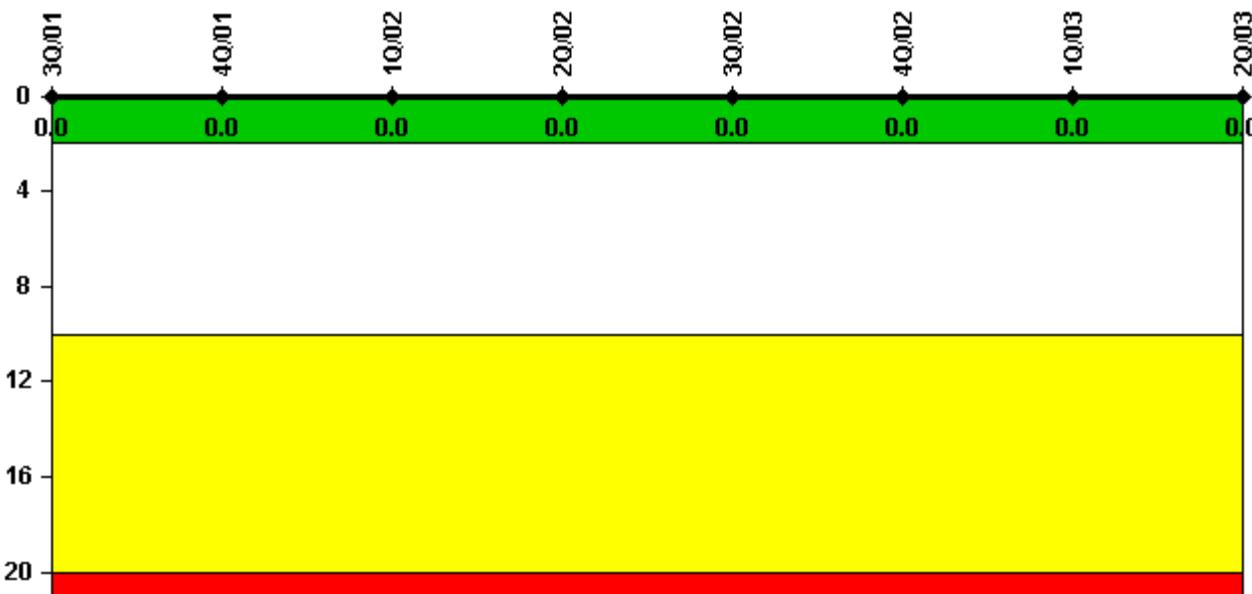


Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

#### Notes

| Unplanned Scrams per 7000 Critical Hrs | 3Q/01  | 4Q/01  | 1Q/02  | 2Q/02  | 3Q/02  | 4Q/02  | 1Q/03  | 2Q/03  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Critical hours                         | 2208.0 | 2209.0 | 1585.9 | 1994.3 | 2208.0 | 2209.0 | 2160.0 | 2183.0 |
| Indicator value                        | 0.8    | 0.8    | 0      | 0      | 0      | 0      | 0      | 0      |

Licensee Comments: none

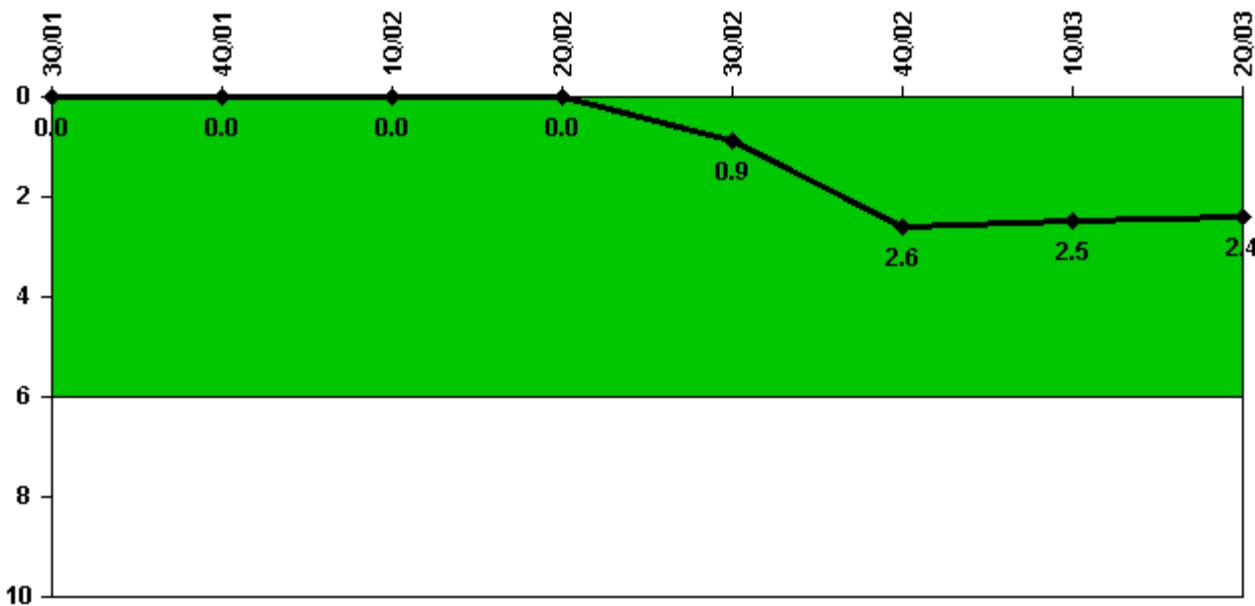
**Scrams with Loss of Normal Heat Removal**

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

**Notes**

| Scrams with Loss of Normal Heat Removal | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams                                  | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                         | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

**Unplanned Power Changes per 7000 Critical Hrs**

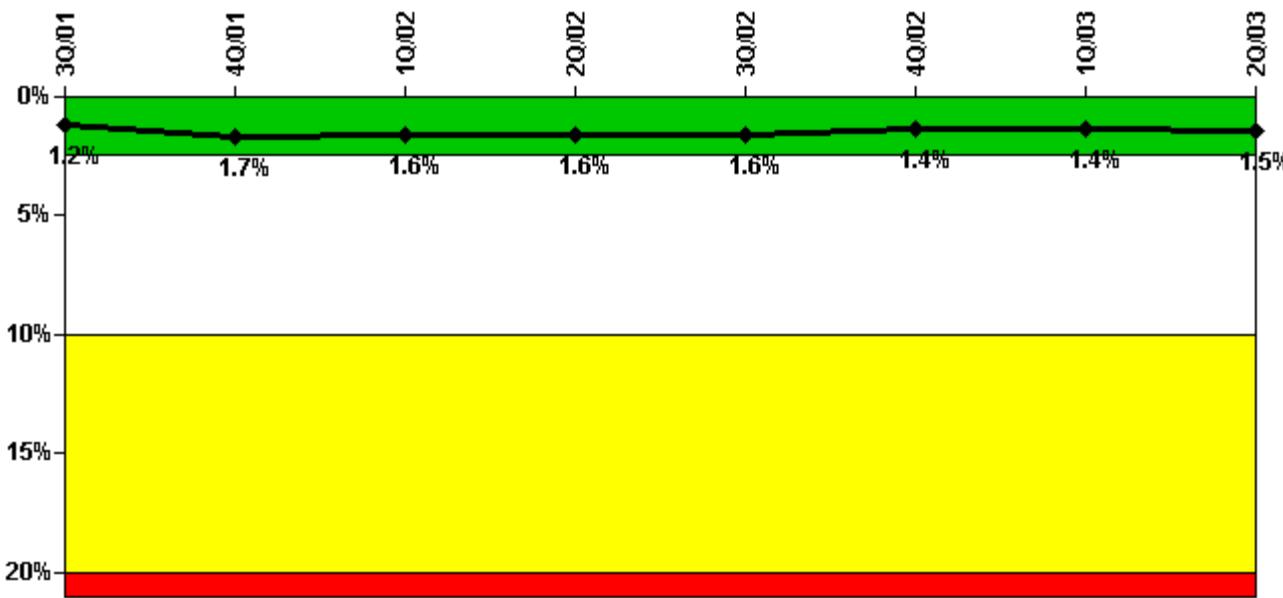
Thresholds: White > 6.0

**Notes**

| Unplanned Power Changes per 7000 Critical Hrs | 3Q/01  | 4Q/01  | 1Q/02  | 2Q/02  | 3Q/02  | 4Q/02  | 1Q/03  | 2Q/03  |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes                       | 0      | 0      | 0      | 0      | 1.0    | 2.0    | 0      | 0      |
| Critical hours                                | 2208.0 | 2209.0 | 1585.9 | 1994.3 | 2208.0 | 2209.0 | 2160.0 | 2183.0 |
| Indicator value                               | 0      | 0      | 0      | 0      | 0.9    | 2.6    | 2.5    | 2.4    |

Licensee Comments: none

## **Safety System Unavailability, Emergency AC Power, >2EDG**



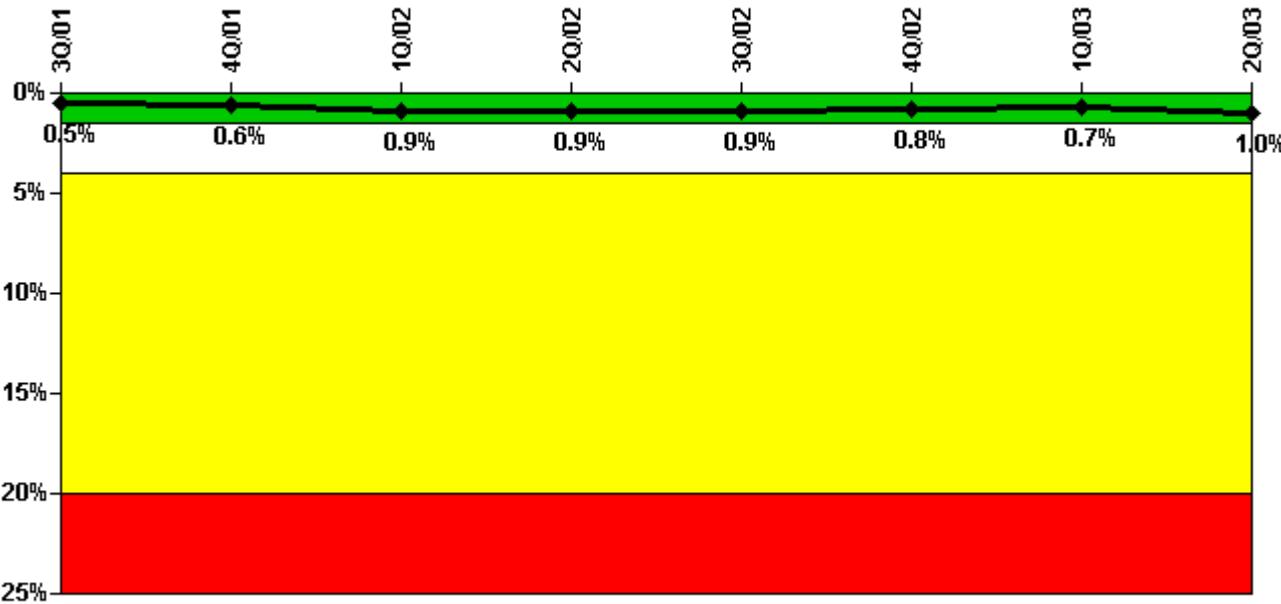
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

### Notes

| <b>Safety System Unavailability, Emergency AC Power, &gt;2EDG</b> | <b>3Q/01</b> | <b>4Q/01</b> | <b>1Q/02</b> | <b>2Q/02</b> | <b>3Q/02</b> | <b>4Q/02</b> | <b>1Q/03</b> | <b>2Q/03</b> |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <b>Train 1</b>  |              |              |              |              |              |              |              |              |
| Planned unavailable hours   | 0.85         | 61.00        | 0.50         | 6.95         | 82.40        | 1.13         | 33.00        | 68.37        |
| Unplanned unavailable hours                                       | 0            | 0            | 0            | 0            | 28.00        | 0            | 0            | 0            |
| Fault exposure hours  | 0            | 336.00       | 0            | 0            | 0            | 0            | 0            | 0            |
| Effective Reset hours   | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| Required hours  | 2208.00      | 2209.00      | 2160.00      | 2183.00      | 2208.00      | 2209.00      | 2160.00      | 2183.00      |
| <b>Train 2</b>  |              |              |              |              |              |              |              |              |
| Planned unavailable hours   | 1.25         | 24.05        | 0.75         | 72.72        | 1.00         | 1.00         | 69.53        | 23.38        |
| Unplanned unavailable hours                                       | 0            | 13.40        | 0            | 0            | 0            | 0            | 0            | 0            |
| Fault exposure hours  | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| Effective Reset hours   | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| Required hours  | 2208.00      | 2209.00      | 2160.00      | 2183.00      | 2208.00      | 2209.00      | 2160.00      | 2183.00      |
| <b>Train 3</b>  |              |              |              |              |              |              |              |              |
| Planned unavailable hours   | 54.98        | 2.13         | 11.17        | 1.25         | 0.75         | 0.98         | 1.12         | 104.83       |
| Unplanned unavailable hours                                       | 22.27        | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| Fault exposure hours  | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| Effective Reset hours   | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| Required hours  | 2208.00      | 2209.00      | 2160.00      | 2183.00      | 2208.00      | 2209.00      | 2160.00      | 2183.00      |
| <b>Indicator value</b>  | <b>1.2%</b>  | <b>1.7%</b>  | <b>1.6%</b>  | <b>1.6%</b>  | <b>1.6%</b>  | <b>1.4%</b>  | <b>1.4%</b>  | <b>1.5%</b>  |

Licensee Comments: none

## Safety System Unavailability, High Pressure Injection System (HPCS)



Thresholds: White > 1.5% Yellow > 4.0% Red > 20.0%

### Notes

| Safety System Unavailability, High Pressure Injection System (HPCS) | 3Q/01       | 4Q/01       | 1Q/02       | 2Q/02       | 3Q/02       | 4Q/02       | 1Q/03       | 2Q/03       |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours   | 24.50       | 28.33       | 78.75       | 0           | 0           | 0           | 0           | 62.85       |
| Unplanned unavailable hours   | 0           | 0           | 0           | 0           | 0           | 0.60        | 0           | 0           |
| Fault exposure hours  | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2208.00     | 2209.00     | 1585.90     | 1991.80     | 2208.00     | 2209.00     | 2160.00     | 2183.00     |
| <b>Indicator value</b>  | <b>0.5%</b> | <b>0.6%</b> | <b>0.9%</b> | <b>0.9%</b> | <b>0.9%</b> | <b>0.8%</b> | <b>0.7%</b> | <b>1.0%</b> |

Licensee Comments: none

## **Safety System Unavailability, Heat Removal System (RCIC)**



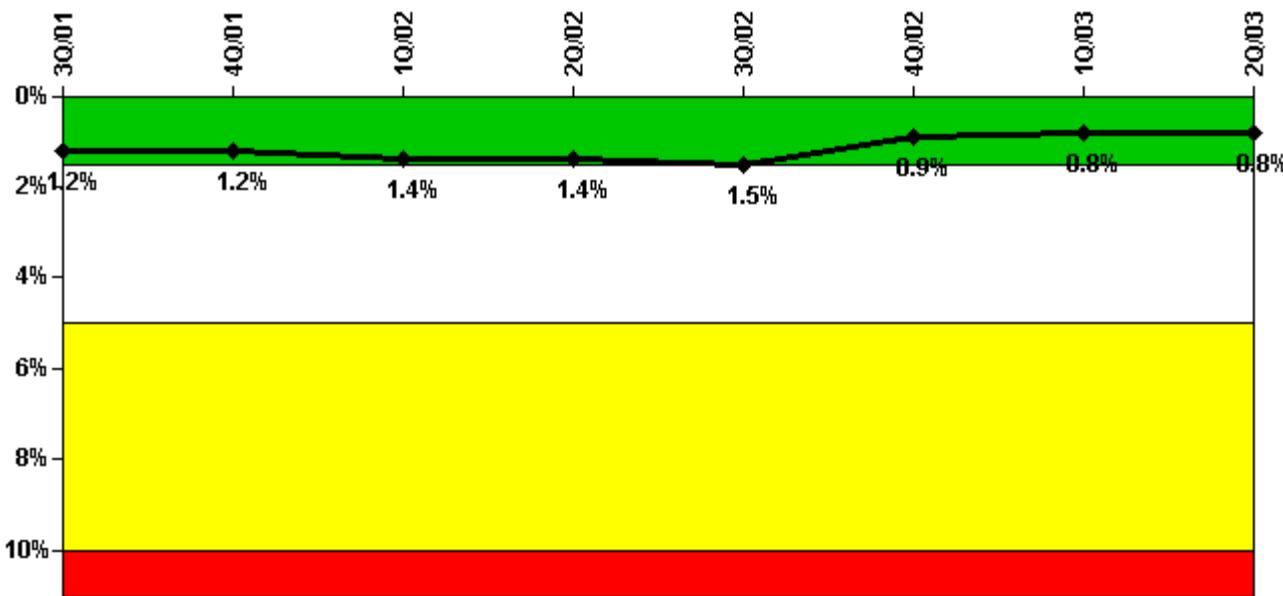
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

### Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 3Q/01       | 4Q/01       | 1Q/02       | 2Q/02       | 3Q/02       | 4Q/02       | 1Q/03       | 2Q/03       |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                | 1.90        | 59.30       | 23.90       | 33.70       | 61.30       | 15.90       | 0.30        | 40.40       |
| Unplanned unavailable hours                              | 0           | 0           | 0           | 0           | 20.10       | 0.40        | 0           | 6.60        |
| Fault exposure hours                                     | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 2208.00     | 2209.00     | 1585.90     | 1991.80     | 2208.00     | 2209.00     | 2160.00     | 2183.00     |
| <b>Indicator value</b>                                   | <b>1.5%</b> | <b>1.6%</b> | <b>1.7%</b> | <b>1.8%</b> | <b>1.8%</b> | <b>1.8%</b> | <b>1.7%</b> | <b>1.4%</b> |

Licensee Comments: none

## **Safety System Unavailability, Residual Heat Removal System**

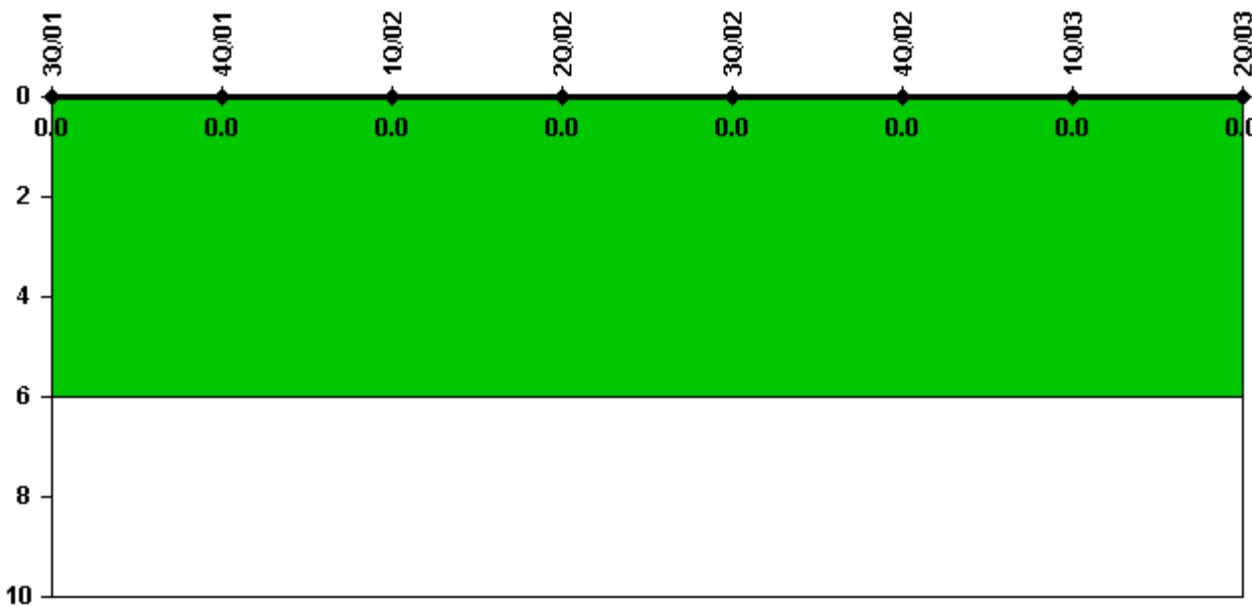


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

### Notes

| Safety System Unavailability, Residual Heat Removal System | 3Q/01       | 4Q/01       | 1Q/02       | 2Q/02       | 3Q/02       | 4Q/02       | 1Q/03       | 2Q/03       |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                  | 0           | 8.50        | 0           | 2.30        | 42.00       | 11.40       | 0           | 45.40       |
| Unplanned unavailable hours                                | 0           | 0           | 0           | 0           | 20.10       | 0.30        | 0           | 0           |
| Fault exposure hours                                       | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                      | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     |
| <b>Train 2</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                  | 24.30       | 9.90        | 98.50       | 9.40        | 16.80       | 0           | 0           | 13.70       |
| Unplanned unavailable hours                                | 5.90        | 12.80       | 0           | 0           | 0           | 1.10        | 0.80        | 1.00        |
| Fault exposure hours                                       | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                      | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     |
| <b>Indicator value</b>                                     | <b>1.2%</b> | <b>1.2%</b> | <b>1.4%</b> | <b>1.4%</b> | <b>1.5%</b> | <b>0.9%</b> | <b>0.8%</b> | <b>0.8%</b> |

Licensee Comments: none

**Safety System Functional Failures (BWR)**

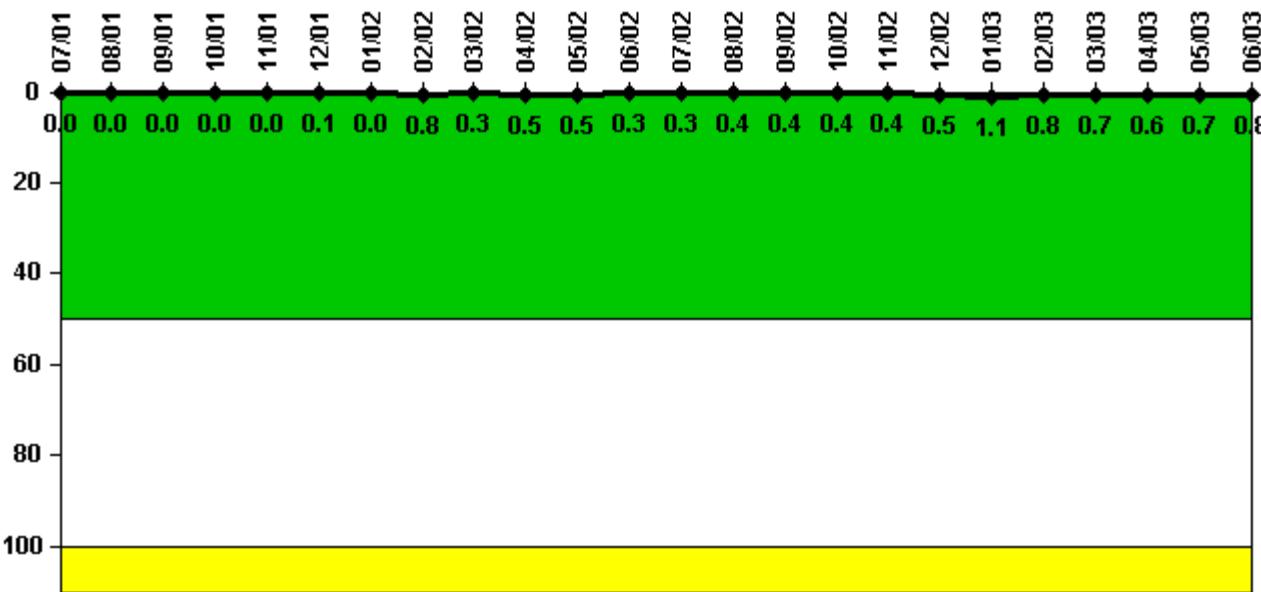
Thresholds: White > 6.0

**Notes**

| Safety System Functional Failures (BWR) | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures       | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                         | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

## Reactor Coolant System Activity



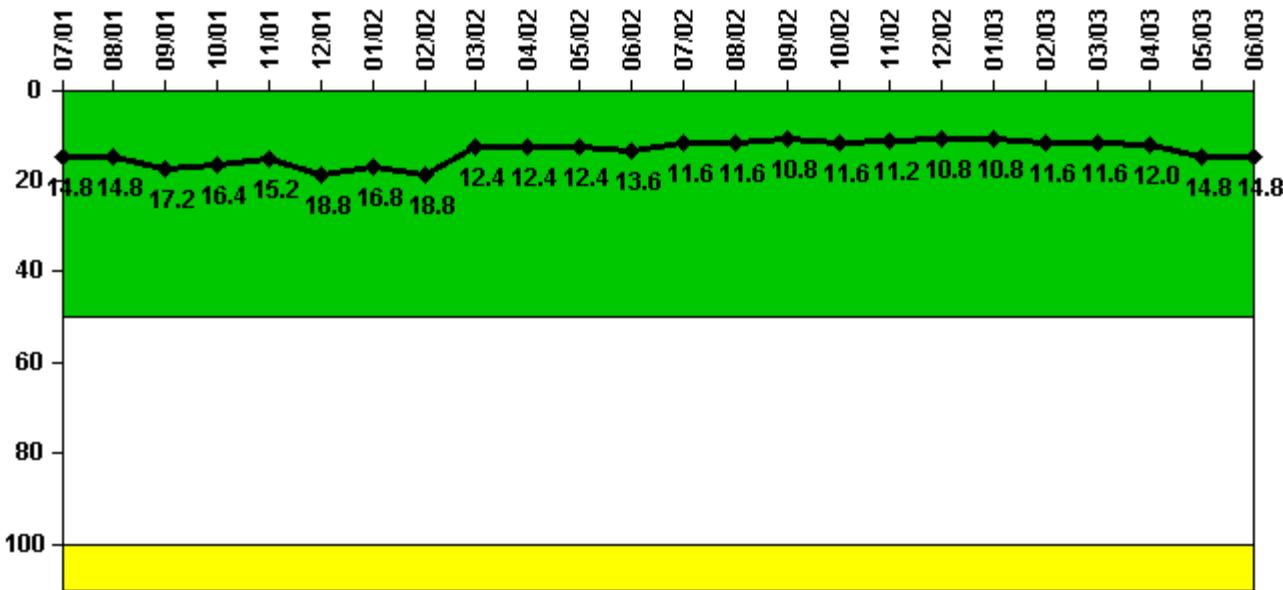
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Activity | 7/01       | 8/01       | 9/01       | 10/01      | 11/01      | 12/01      | 1/02       | 2/02       | 3/02       | 4/02       | 5/02       | 6/02       |
|---------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Maximum activity                | 0.000069   | 0.000075   | 0.000076   | 0.000089   | 0.000087   | 0.000110   | 0.000093   | 0.001690   | 0.000678   | 0.001090   | 0.001090   | 0.000678   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| <b>Indicator value</b>          | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0.1</b> | <b>0</b>   | <b>0.8</b> | <b>0.3</b> | <b>0.5</b> | <b>0.5</b> | <b>0.3</b> |
| Reactor Coolant System Activity | 7/02       | 8/02       | 9/02       | 10/02      | 11/02      | 12/02      | 1/03       | 2/03       | 3/03       | 4/03       | 5/03       | 6/03       |
| Maximum activity                | 0.000685   | 0.000764   | 0.000771   | 0.000804   | 0.000800   | 0.000912   | 0.002110   | 0.001690   | 0.001350   | 0.001140   | 0.001310   | 0.001550   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| <b>Indicator value</b>          | <b>0.3</b> | <b>0.4</b> | <b>0.4</b> | <b>0.4</b> | <b>0.4</b> | <b>0.5</b> | <b>1.1</b> | <b>0.8</b> | <b>0.7</b> | <b>0.6</b> | <b>0.7</b> | <b>0.8</b> |

Licensee Comments: none

### Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

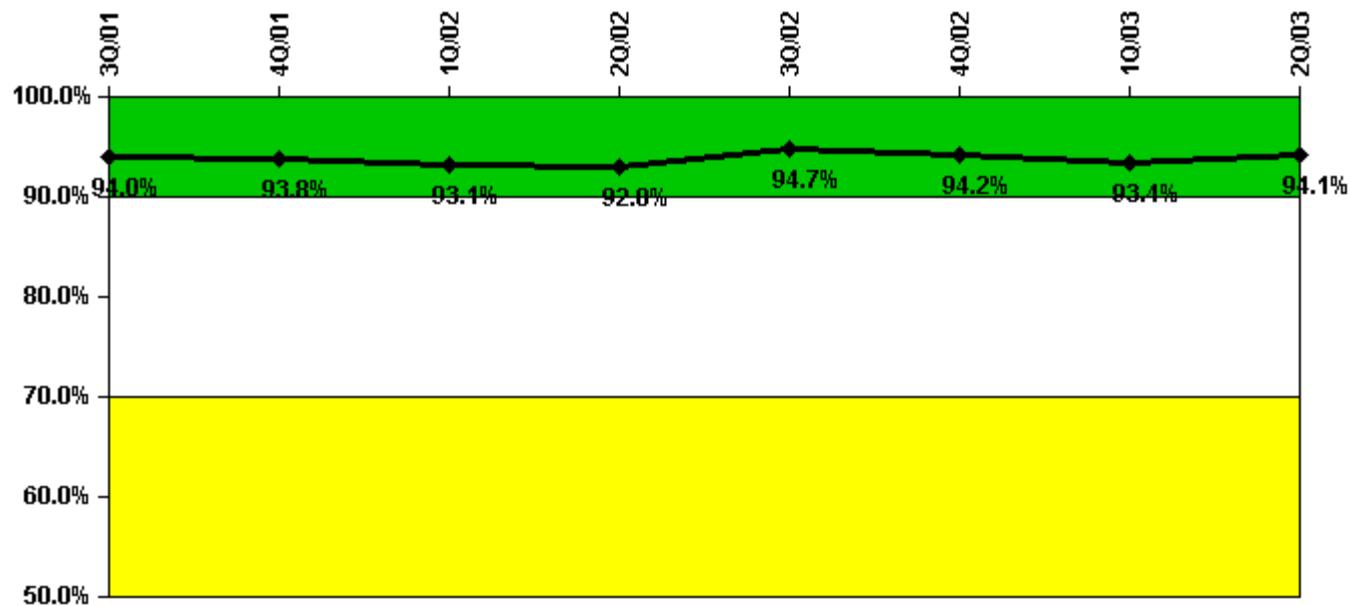
#### Notes

| Reactor Coolant System Leakage | 7/01  | 8/01  | 9/01  | 10/01 | 11/01 | 12/01 | 1/02  | 2/02  | 3/02  | 4/02  | 5/02  | 6/02  |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage                | 3.700 | 3.700 | 4.300 | 4.100 | 3.800 | 4.700 | 4.200 | 4.700 | 3.100 | 3.100 | 3.100 | 3.400 |
| Technical specification limit  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  |
|                                |       |       |       |       |       |       |       |       |       |       |       |       |
| Indicator value                | 14.8  | 14.8  | 17.2  | 16.4  | 15.2  | 18.8  | 16.8  | 18.8  | 12.4  | 12.4  | 12.4  | 13.6  |

| Reactor Coolant System Leakage | 7/02  | 8/02  | 9/02  | 10/02 | 11/02 | 12/02 | 1/03  | 2/03  | 3/03  | 4/03  | 5/03  | 6/03  |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage                | 2.900 | 2.900 | 2.700 | 2.900 | 2.800 | 2.700 | 2.700 | 2.900 | 2.900 | 3.000 | 3.700 | 3.700 |
| Technical specification limit  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  |
|                                |       |       |       |       |       |       |       |       |       |       |       |       |
| Indicator value                | 11.6  | 11.6  | 10.8  | 11.6  | 11.2  | 10.8  | 10.8  | 11.6  | 11.6  | 12.0  | 14.8  | 14.8  |

Licensee Comments: none

**Drill/Exercise Performance**

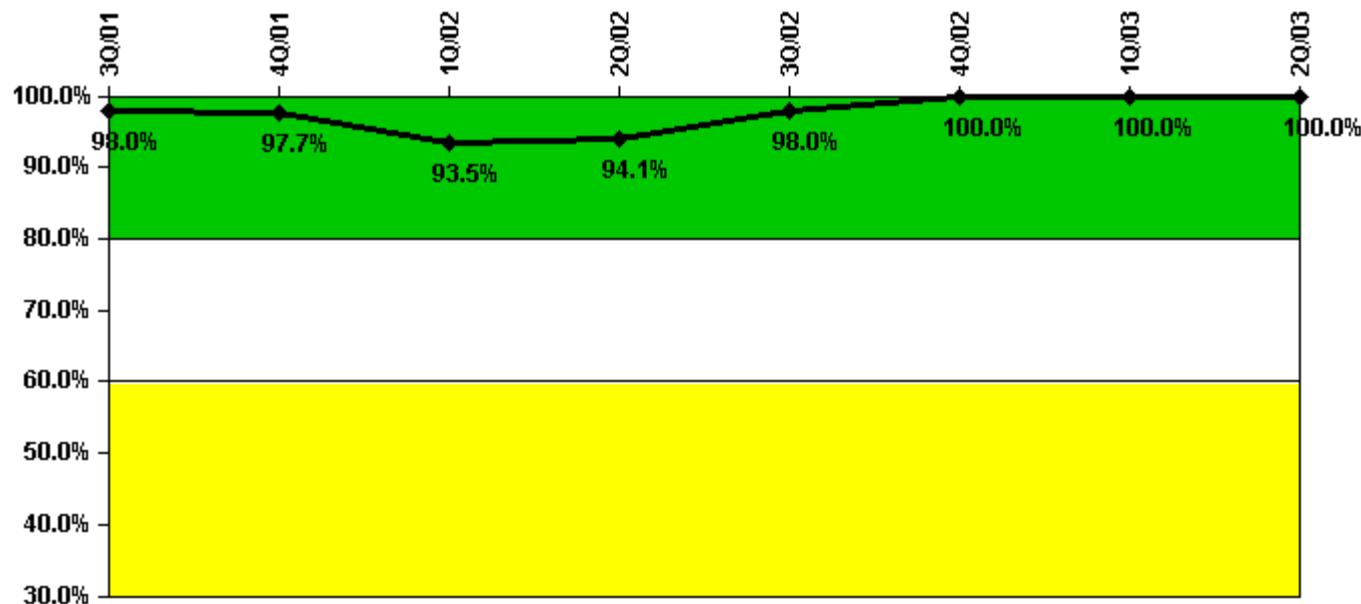
Thresholds: White < 90.0% Yellow < 70.0%

**Notes**

| Drill/Exercise Performance | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities   | 30.0  | 9.0   | 18.0  | 11.0  | 47.0  | 17.0  | 13.0  | 46.0  |
| Total opportunities        | 34.0  | 10.0  | 20.0  | 12.0  | 48.0  | 18.0  | 14.0  | 47.0  |
| Indicator value            | 94.0% | 93.8% | 93.1% | 92.8% | 94.7% | 94.2% | 93.4% | 94.1% |

Licensee Comments: none

### **ERO Drill Participation**



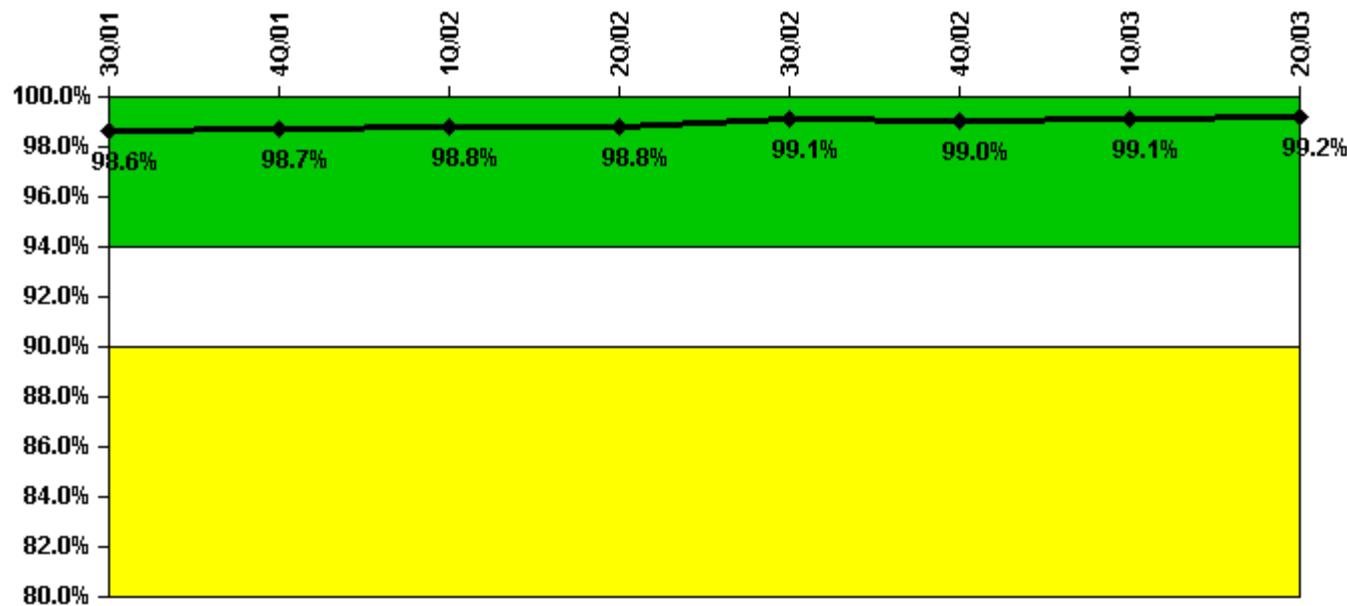
Thresholds: White < 80.0% Yellow < 60.0%

#### **Notes**

| <b>ERO Drill Participation</b> | <b>3Q/01</b> | <b>4Q/01</b> | <b>1Q/02</b> | <b>2Q/02</b> | <b>3Q/02</b> | <b>4Q/02</b>  | <b>1Q/03</b>  | <b>2Q/03</b>  |
|--------------------------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|
| Participating Key personnel    | 49.0         | 43.0         | 43.0         | 48.0         | 50.0         | 51.0          | 54.0          | 53.0          |
| Total Key personnel            | 50.0         | 44.0         | 46.0         | 51.0         | 51.0         | 51.0          | 54.0          | 53.0          |
| <b>Indicator value</b>         | <b>98.0%</b> | <b>97.7%</b> | <b>93.5%</b> | <b>94.1%</b> | <b>98.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> |

Licensee Comments: none

## Alert & Notification System

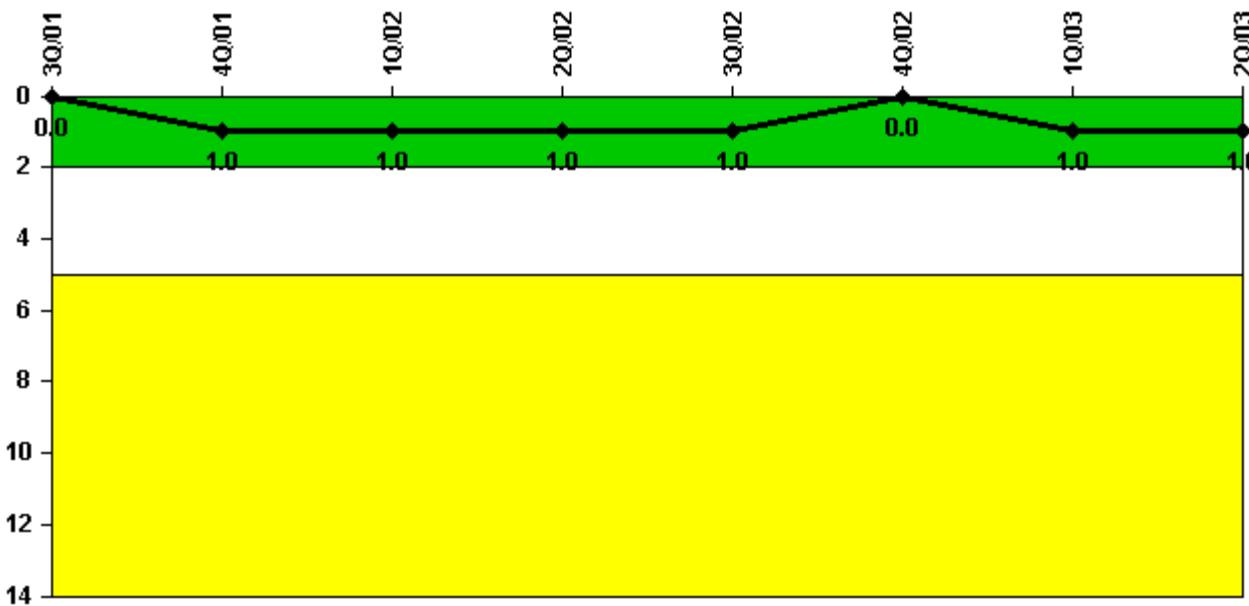


Thresholds: White < 94.0% Yellow < 90.0%

### Notes

| Alert & Notification System | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests      | 2202  | 2160  | 2120  | 2150  | 2160  | 2489  | 3129  | 3173  |
| Total sirens-tests          | 2244  | 2176  | 2142  | 2176  | 2176  | 2512  | 3150  | 3200  |
| Indicator value             | 98.6% | 98.7% | 98.8% | 98.8% | 99.1% | 99.0% | 99.1% | 99.2% |

Licensee Comments: none

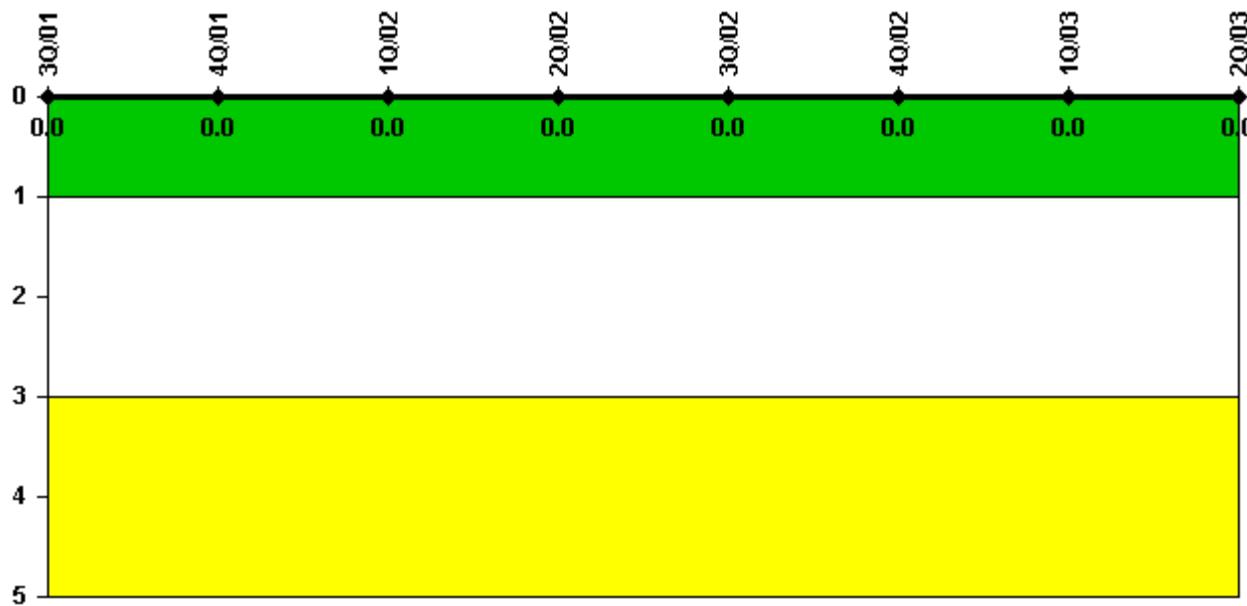
**Occupational Exposure Control Effectiveness**

Thresholds: White > 2.0 Yellow > 5.0

**Notes**

| Occupational Exposure Control Effectiveness | 3Q/01    | 4Q/01    | 1Q/02    | 2Q/02    | 3Q/02    | 4Q/02    | 1Q/03    | 2Q/03    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 0        | 1        | 0        | 0        | 0        | 0        | 1        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>0</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>0</b> | <b>1</b> | <b>1</b> |

Licensee Comments: none

**RETS/ODCM Radiological Effluent**

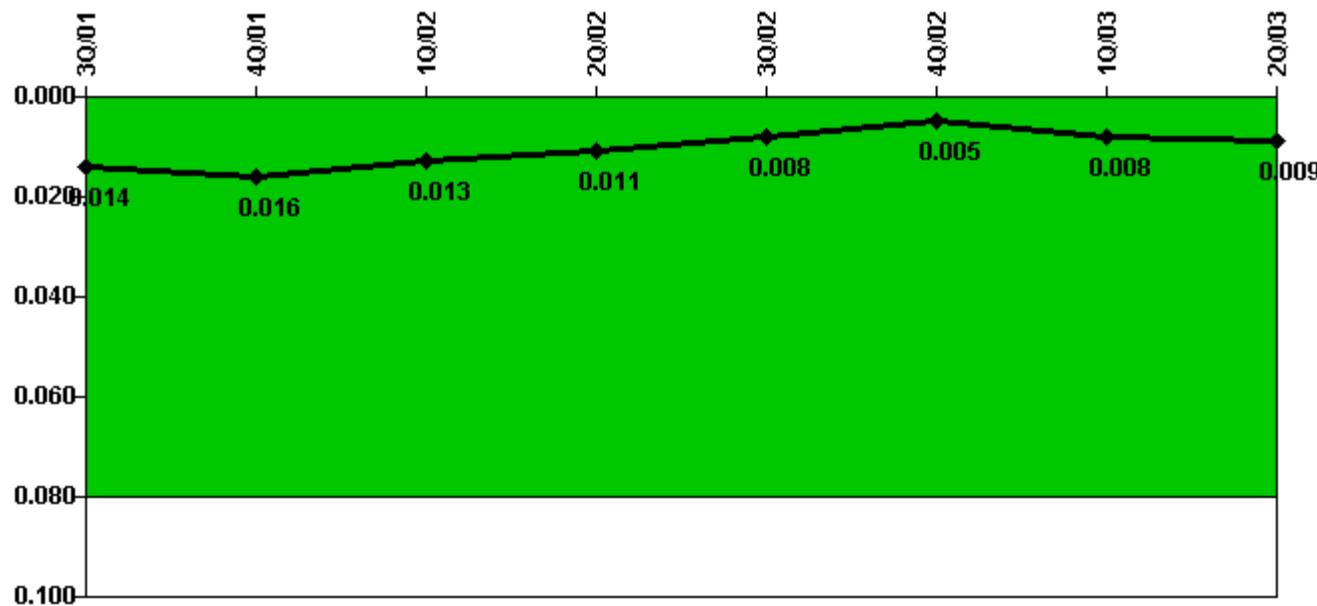
Thresholds: White > 1.0 Yellow > 3.0

**Notes**

| RETS/ODCM Radiological Effluent | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
|                                 |       |       |       |       |       |       |       |       |
| Indicator value                 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

### Protected Area Security Performance Index

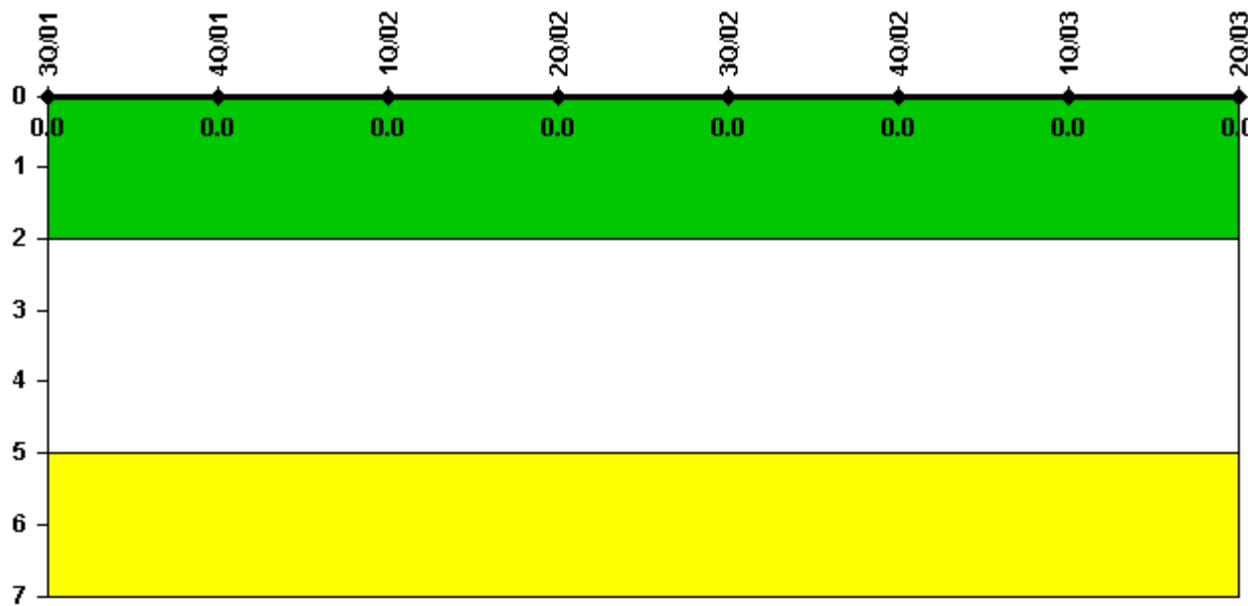


Thresholds: White > 0.080

#### Notes

| Protected Area Security Performance Index | 3Q/01        | 4Q/01        | 1Q/02        | 2Q/02        | 3Q/02        | 4Q/02        | 1Q/03        | 2Q/03        |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| IDS compensatory hours                    | 95.90        | 68.40        | 10.80        | 11.50        | 36.40        | 42.60        | 49.40        | 47.70        |
| CCTV compensatory hours                   | 0.4          | 24.6         | 0            | 4.7          | 2.8          | 0            | 8.5          | 4.7          |
| IDS normalization factor                  | 1.20         | 1.20         | 1.20         | 1.20         | 1.20         | 1.20         | 1.20         | 1.20         |
| CCTV normalization factor                 | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          |
| <b>Index Value</b>                        | <b>0.014</b> | <b>0.016</b> | <b>0.013</b> | <b>0.011</b> | <b>0.008</b> | <b>0.005</b> | <b>0.008</b> | <b>0.009</b> |

Licensee Comments: none

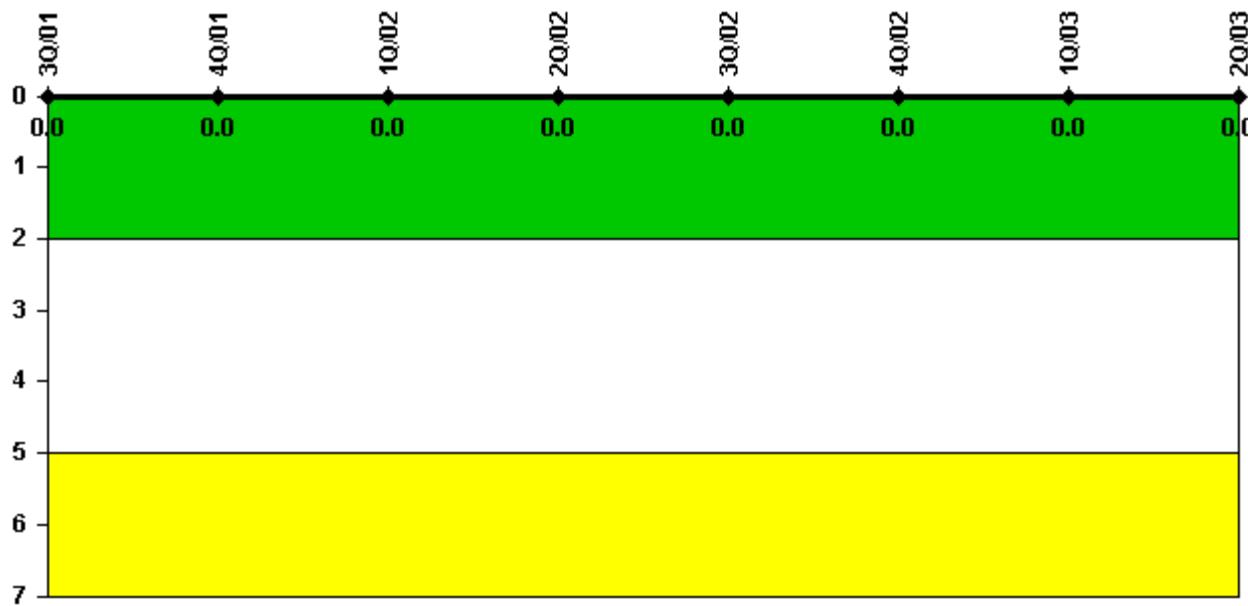
**Personnel Screening Program**

Thresholds: White > 2.0 Yellow > 5.0

**Notes**

| Personnel Screening Program | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Program failures            | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
|                             |       |       |       |       |       |       |       |       |
| Indicator value             | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

**FFD/Personnel Reliability**

Thresholds: White > 2.0 Yellow > 5.0

**Notes**

| FFD/Personnel Reliability | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 |
|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Program Failures          | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none



[PI Summary](#) | [Inspection Findings Summary](#) | [Reactor Oversight Process](#)

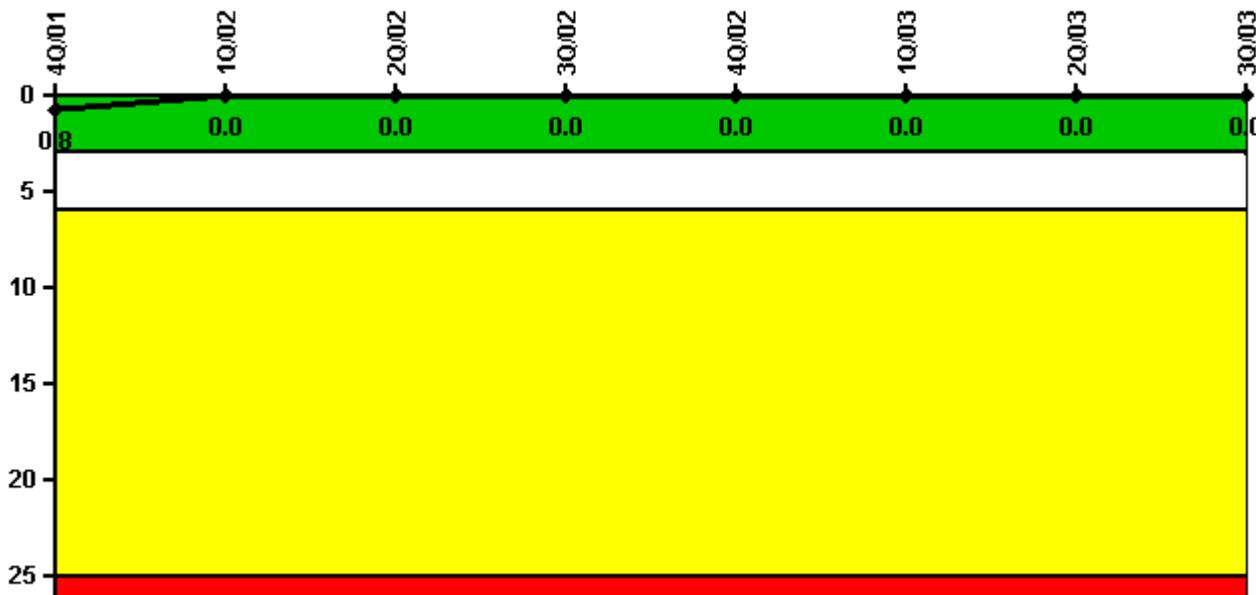
Last Modified: July 22, 2003

# La Salle 1

## 3Q/2003 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs

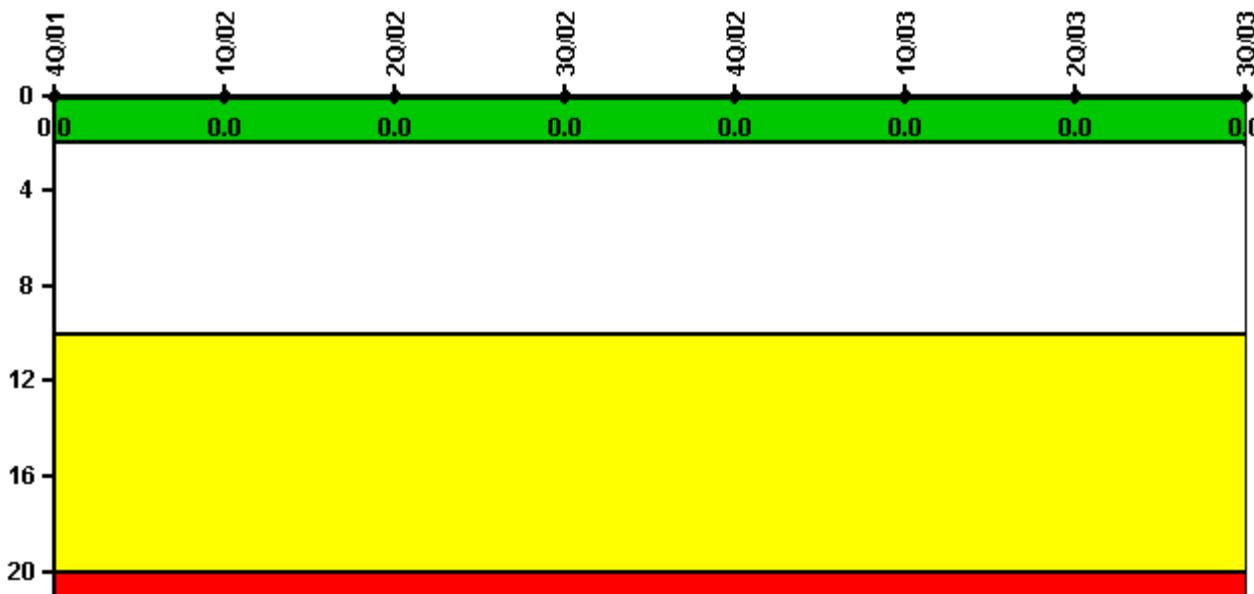


Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

| Unplanned Scrams per 7000 Critical Hrs | 4Q/01  | 1Q/02  | 2Q/02  | 3Q/02  | 4Q/02  | 1Q/03  | 2Q/03  | 3Q/03  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Critical hours                         | 2209.0 | 1585.9 | 1994.3 | 2208.0 | 2209.0 | 2160.0 | 2183.0 | 2208.0 |
| Indicator value                        | 0.8    | 0      | 0      | 0      | 0      | 0      | 0      | 0      |

Licensee Comments: none

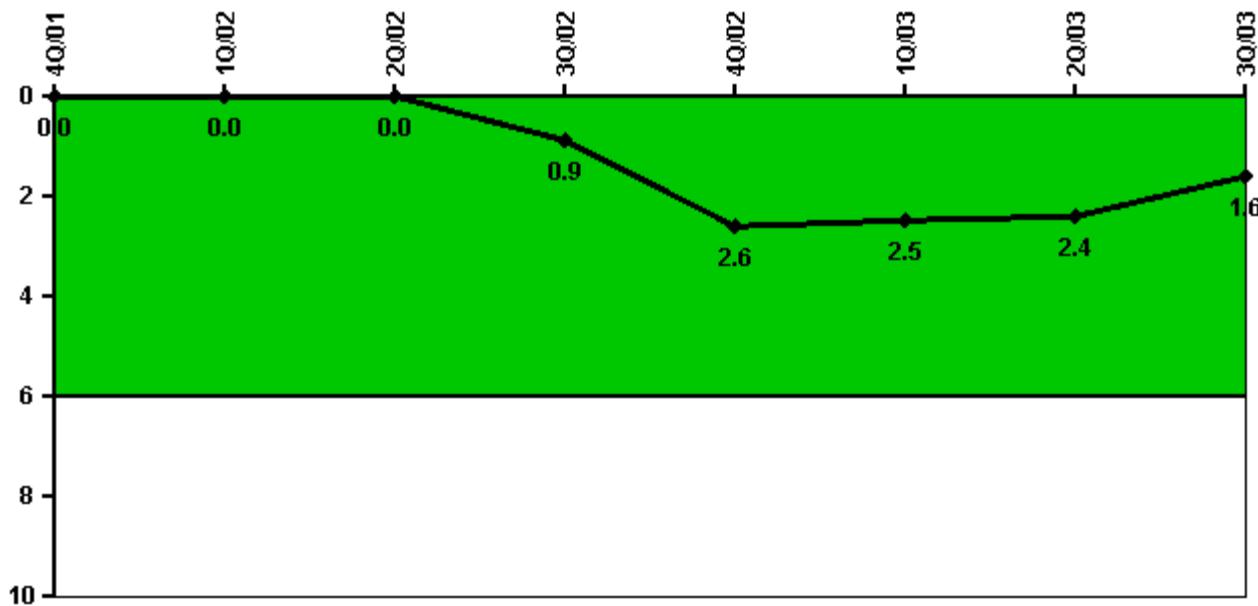
**Scrams with Loss of Normal Heat Removal**

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

**Notes**

| Scrams with Loss of Normal Heat Removal | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams                                  | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                         | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

**Unplanned Power Changes per 7000 Critical Hrs**

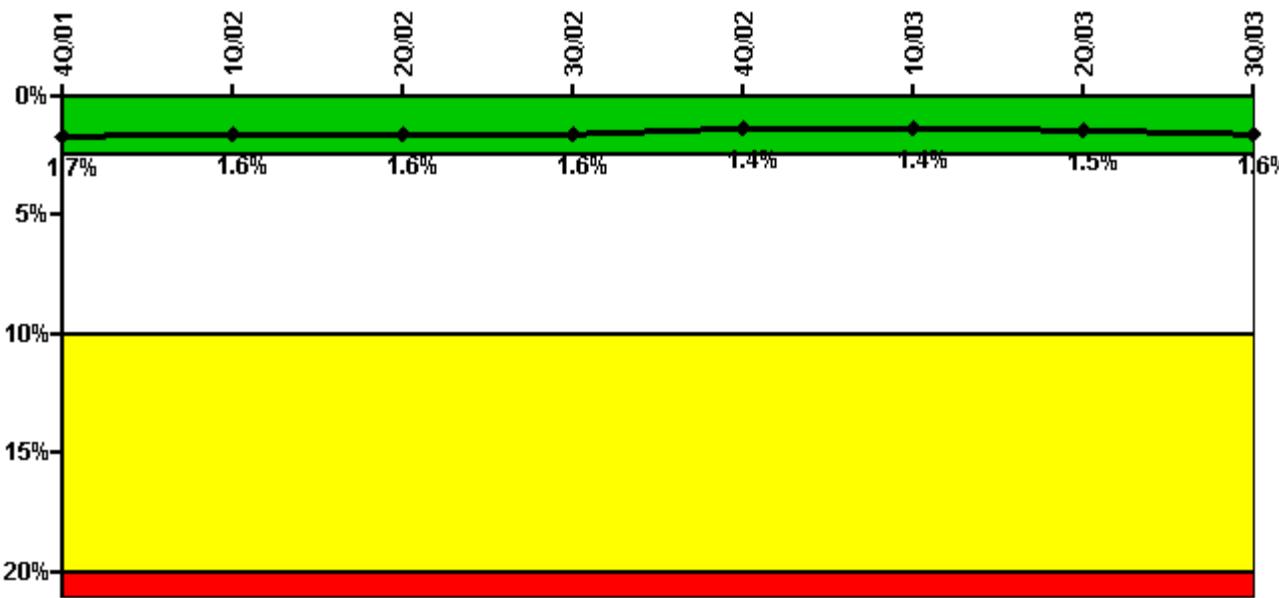
Thresholds: White > 6.0

**Notes**

| Unplanned Power Changes per 7000 Critical Hrs | 4Q/01  | 1Q/02  | 2Q/02  | 3Q/02  | 4Q/02  | 1Q/03  | 2Q/03  | 3Q/03  |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes                       | 0      | 0      | 0      | 1.0    | 2.0    | 0      | 0      | 0      |
| Critical hours                                | 2209.0 | 1585.9 | 1994.3 | 2208.0 | 2209.0 | 2160.0 | 2183.0 | 2208.0 |
| Indicator value                               | 0      | 0      | 0      | 0.9    | 2.6    | 2.5    | 2.4    | 1.6    |

Licensee Comments: none

## Safety System Unavailability, Emergency AC Power, >2EDG



Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

### Notes

| Safety System Unavailability, Emergency AC Power, >2EDG | 4Q/01       | 1Q/02       | 2Q/02       | 3Q/02       | 4Q/02       | 1Q/03       | 2Q/03       | 3Q/03       |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 61.00       | 0.50        | 6.95        | 82.40       | 1.13        | 33.00       | 21.60       | 43.63       |
| Unplanned unavailable hours                             | 0           | 0           | 0           | 28.00       | 0           | 0           | 51.15       | 0           |
| Fault exposure hours                                    | 336.00      | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     |
| <b>Train 2</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 24.05       | 0.75        | 72.72       | 1.00        | 1.00        | 69.53       | 23.13       | 7.30        |
| Unplanned unavailable hours                             | 13.40       | 0           | 0           | 0           | 0           | 0           | 0.87        | 0           |
| Fault exposure hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     |
| <b>Train 3</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 2.13        | 11.17       | 1.25        | 0.75        | 0.98        | 1.12        | 104.83      | 0.75        |
| Unplanned unavailable hours                             | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Fault exposure hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     |
| <b>Indicator value</b>                                  | <b>1.7%</b> | <b>1.6%</b> | <b>1.6%</b> | <b>1.6%</b> | <b>1.4%</b> | <b>1.4%</b> | <b>1.5%</b> | <b>1.6%</b> |

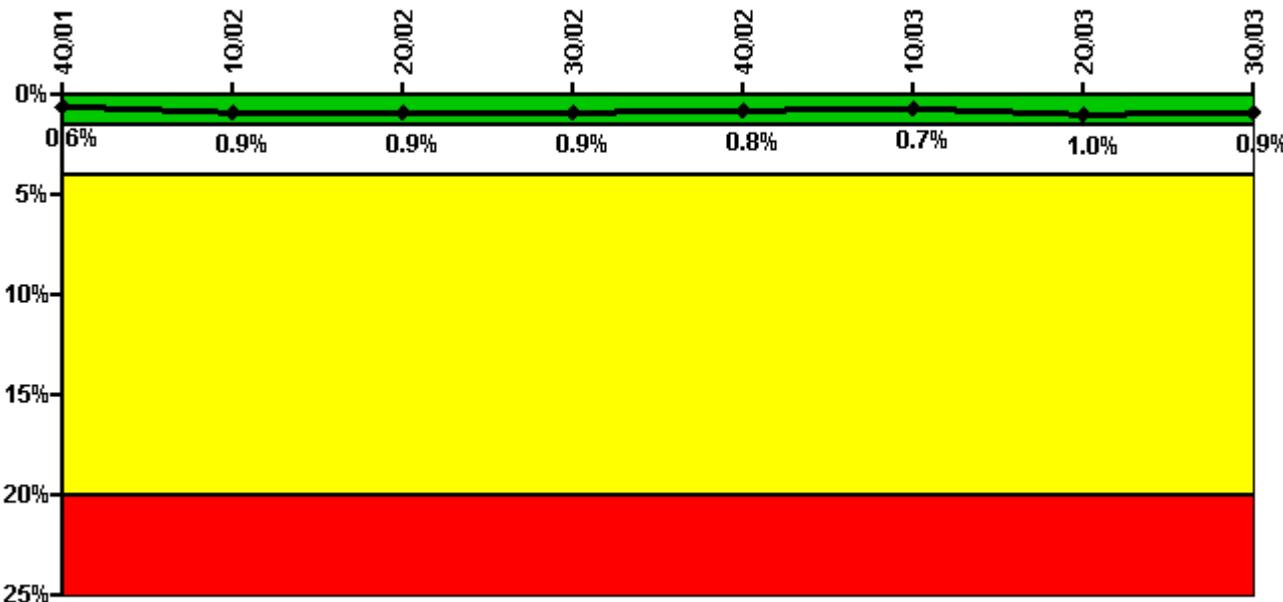
Licensee Comments:

3Q/03: A potential 26,304 hours of T/2 fault exposure hours for Train 2 DG due to inoperable room coolers was

reported in the comments for the 4th quarter 2002. Subsequent analysis has determined that the room coolers and the DG were operable, and that no fault exposure hours were incurred.

2Q/03: Increased total unavailability hours for the Train 1 DG for April 2003 from 68.12 to 72.50, and increased the unplanned unavailability hours from 0 to 51.15. Increased total unavailability hours for the Train 2 DG for April 2003 from 0.5 to 1.12, and increased the unplanned unavailability hours from 0 to 0.87. This is due to a re-evaluation of an event where multiple ventilation dampers closed due to a partial CO<sub>2</sub> actuation (See LER 373-2003-002-01). These discrepancies have been entered into the Station's corrective action program.

### Safety System Unavailability, High Pressure Injection System (HPCS)



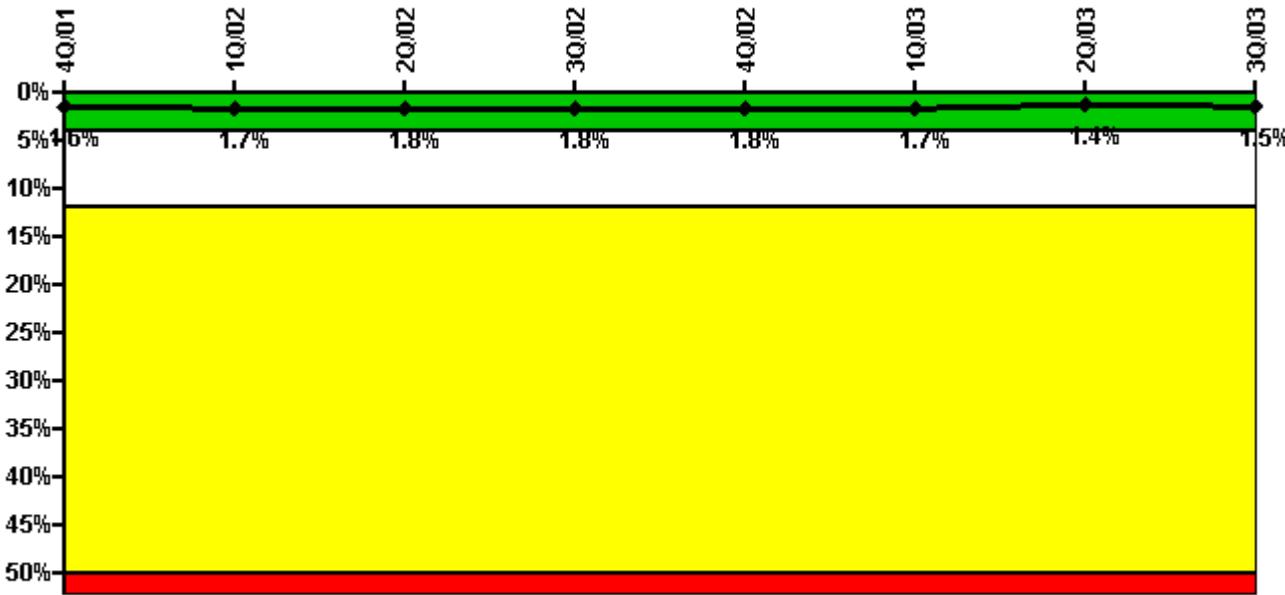
Thresholds: White > 1.5% Yellow > 4.0% Red > 20.0%

### Notes

| Safety System Unavailability, High Pressure Injection System (HPCS) | 4Q/01       | 1Q/02       | 2Q/02       | 3Q/02       | 4Q/02       | 1Q/03       | 2Q/03       | 3Q/03       |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours   | 28.33       | 78.75       | 0           | 0           | 0           | 0           | 62.85       | 0           |
| Unplanned unavailable hours   | 0           | 0           | 0           | 0           | 0.60        | 0           | 0           | 0           |
| Fault exposure hours  | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2209.00     | 1585.90     | 1991.80     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     |
| <b>Indicator value</b>  | <b>0.6%</b> | <b>0.9%</b> | <b>0.9%</b> | <b>0.9%</b> | <b>0.8%</b> | <b>0.7%</b> | <b>1.0%</b> | <b>0.9%</b> |

Licensee Comments: none

## Safety System Unavailability, Heat Removal System (RCIC)



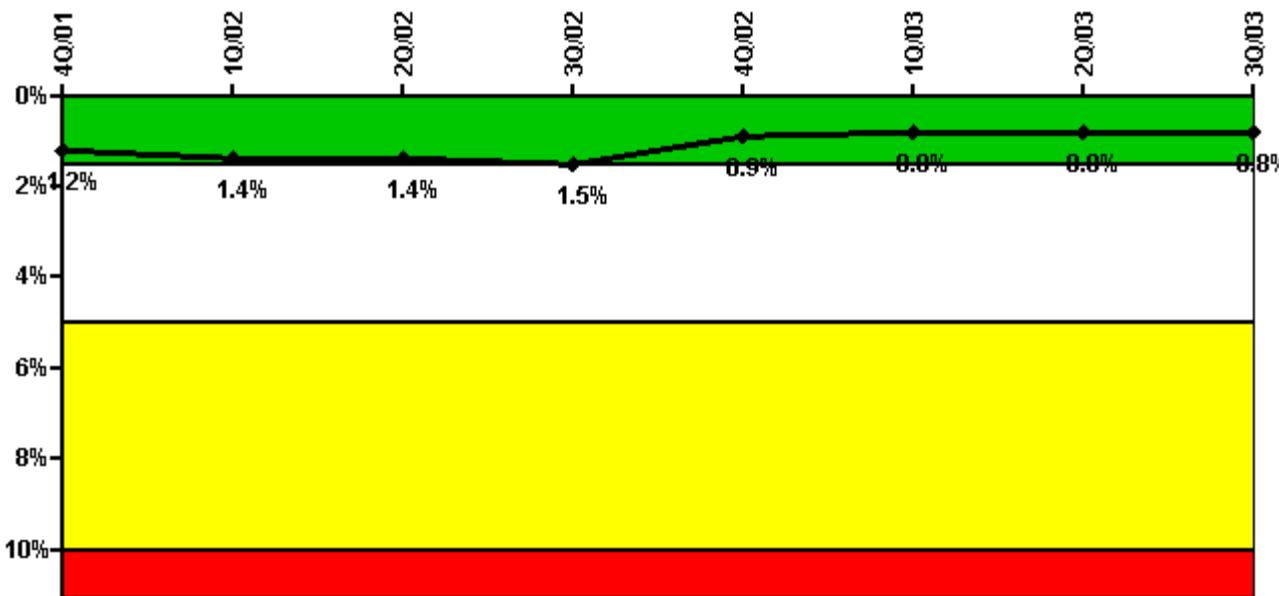
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

### Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 4Q/01       | 1Q/02       | 2Q/02       | 3Q/02       | 4Q/02       | 1Q/03       | 2Q/03       | 3Q/03       |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                | 59.30       | 23.90       | 33.70       | 61.30       | 15.90       | 0.30        | 40.40       | 15.12       |
| Unplanned unavailable hours                              | 0           | 0           | 0           | 20.10       | 0.40        | 0           | 6.60        | 9.10        |
| Fault exposure hours                                     | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 2209.00     | 1585.90     | 1991.80     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     |
| <b>Indicator value</b>                                   | <b>1.6%</b> | <b>1.7%</b> | <b>1.8%</b> | <b>1.8%</b> | <b>1.8%</b> | <b>1.7%</b> | <b>1.4%</b> | <b>1.5%</b> |

Licensee Comments: none

## **Safety System Unavailability, Residual Heat Removal System**



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

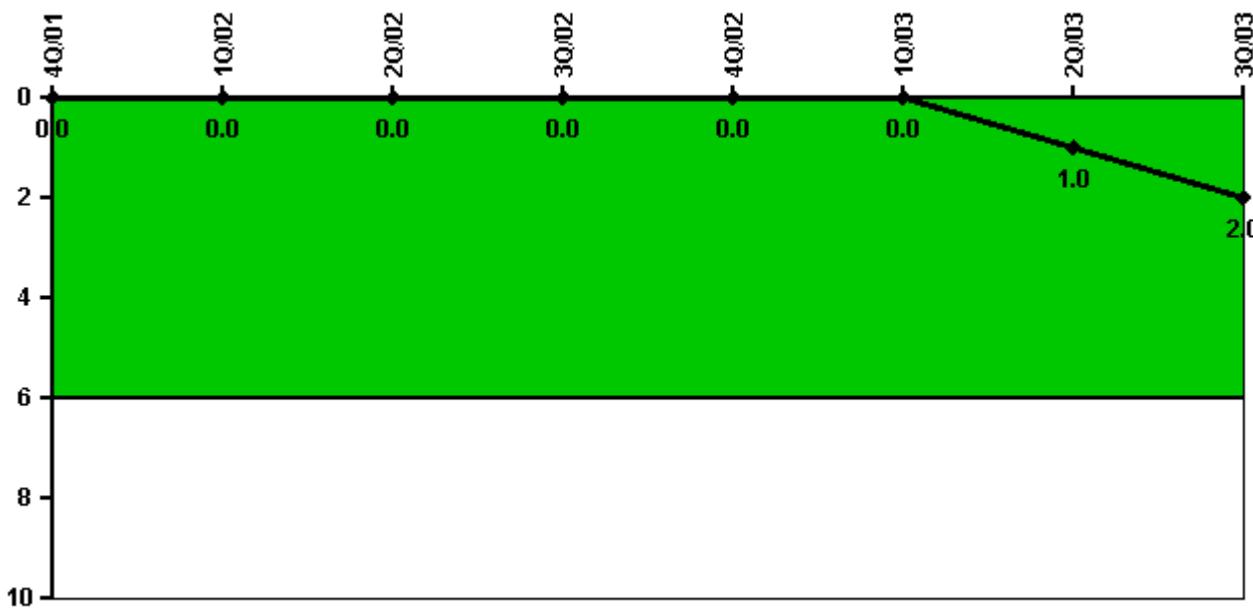
### Notes

| Safety System Unavailability, Residual Heat Removal System | 4Q/01       | 1Q/02       | 2Q/02       | 3Q/02       | 4Q/02       | 1Q/03       | 2Q/03       | 3Q/03       |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                  | 8.50        | 0           | 2.30        | 42.00       | 11.40       | 0           | 45.40       | 0           |
| Unplanned unavailable hours                                | 0           | 0           | 0           | 20.10       | 0.30        | 0           | 0           | 0           |
| Fault exposure hours                                       | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                      | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     |
| <b>Train 2</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                  | 9.90        | 98.50       | 9.40        | 16.80       | 0           | 0           | 13.70       | 17.30       |
| Unplanned unavailable hours                                | 12.80       | 0           | 0           | 0           | 1.10        | 0.80        | 1.00        | 0           |
| Fault exposure hours                                       | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                      | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     |
| <b>Indicator value</b>                                     | <b>1.2%</b> | <b>1.4%</b> | <b>1.4%</b> | <b>1.5%</b> | <b>0.9%</b> | <b>0.8%</b> | <b>0.8%</b> | <b>0.8%</b> |

### Licensee Comments:

3Q/03: A potential 26,304 hours of T/2 fault exposure hours for Train 2 RHR due to inoperable room coolers was reported in the comments for the 4th quarter 2002. Subsequent analysis has determined that the room coolers and RHR were operable, and that no fault exposure hours were incurred.

### Safety System Functional Failures (BWR)



Thresholds: White > 6.0

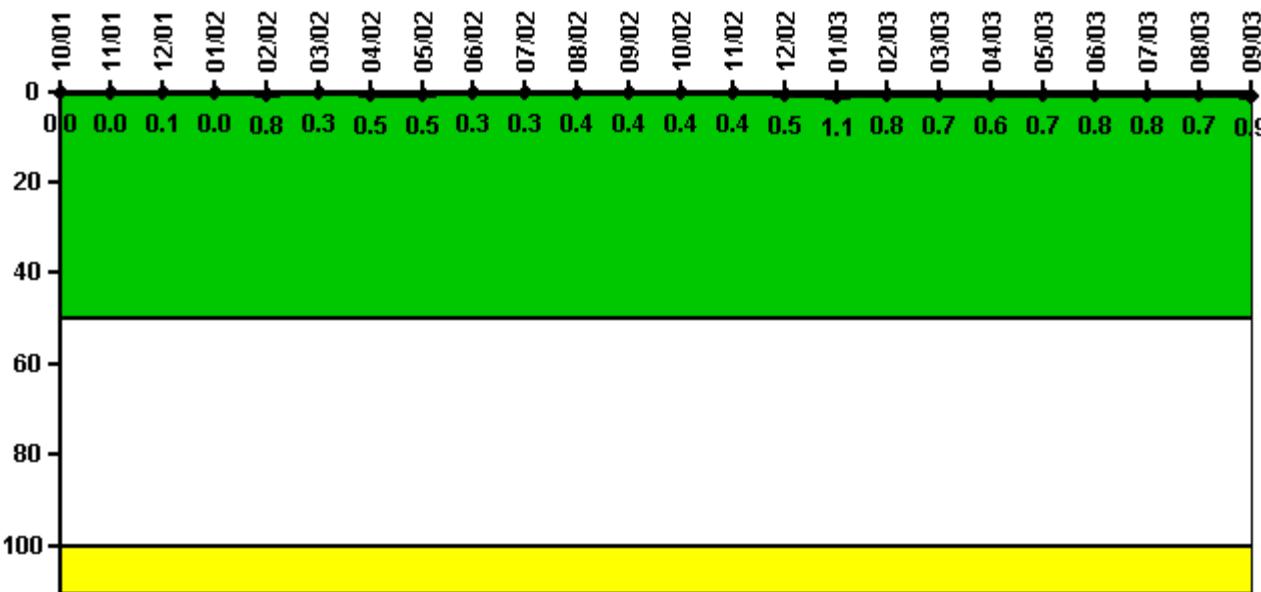
#### Notes

| Safety System Functional Failures (BWR) | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures       | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     |
| Indicator value                         | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 2     |

#### Licensee Comments:

2Q/03: Re-evaluation of an event where multiple ventilation dampers closed due to a partial CO2 actuation determined that the event should have been counted as an SSFF (See LER 373-2003-002-01). The SSFF count for June 2003, the month of the original LER, has been increased to 1. This discrepancy has been entered into the Station's corrective action program.

### Reactor Coolant System Activity



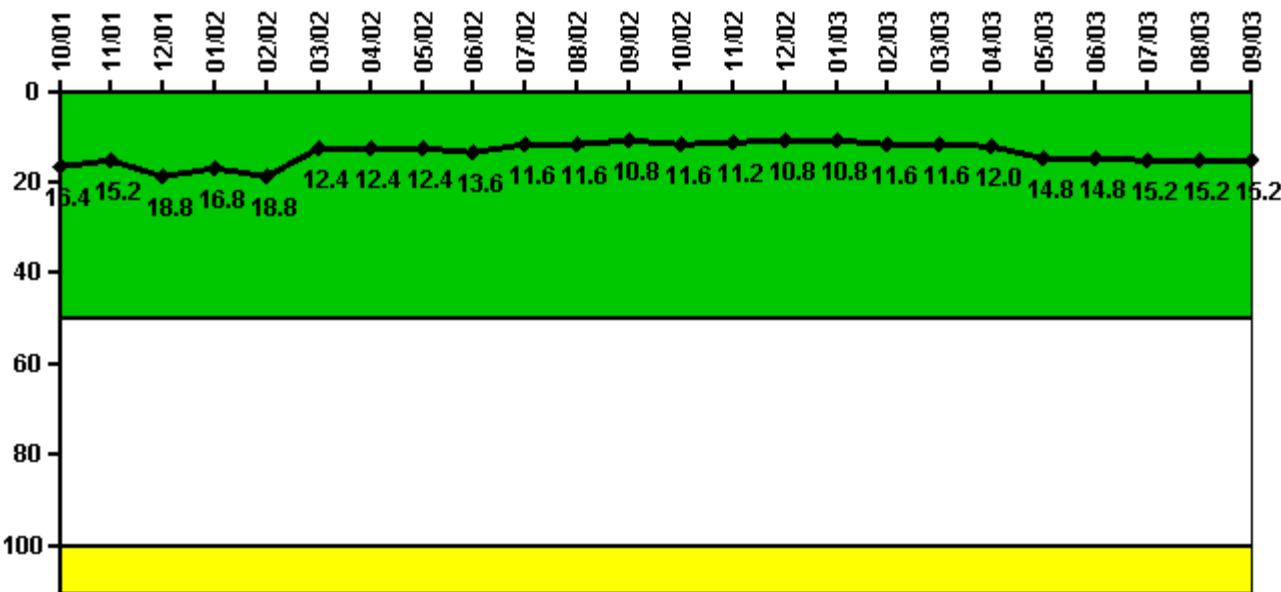
Thresholds: White > 50.0 Yellow > 100.0

#### Notes

| Reactor Coolant System Activity | 10/01    | 11/01    | 12/01    | 1/02     | 2/02     | 3/02     | 4/02     | 5/02     | 6/02     | 7/02     | 8/02     | 9/02     |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity                | 0.000089 | 0.000087 | 0.000110 | 0.000093 | 0.001690 | 0.000678 | 0.001090 | 0.001090 | 0.000678 | 0.000685 | 0.000764 | 0.000771 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0        | 0        | 0.1      | 0        | 0.8      | 0.3      | 0.5      | 0.5      | 0.3      | 0.3      | 0.4      | 0.4      |
| Reactor Coolant System Activity | 10/02    | 11/02    | 12/02    | 1/03     | 2/03     | 3/03     | 4/03     | 5/03     | 6/03     | 7/03     | 8/03     | 9/03     |
| Maximum activity                | 0.000804 | 0.000800 | 0.000912 | 0.002110 | 0.001690 | 0.001350 | 0.001140 | 0.001310 | 0.001550 | 0.001610 | 0.001480 | 0.001810 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0.4      | 0.4      | 0.5      | 1.1      | 0.8      | 0.7      | 0.6      | 0.7      | 0.8      | 0.8      | 0.7      | 0.9      |

Licensee Comments: none

### Reactor Coolant System Leakage



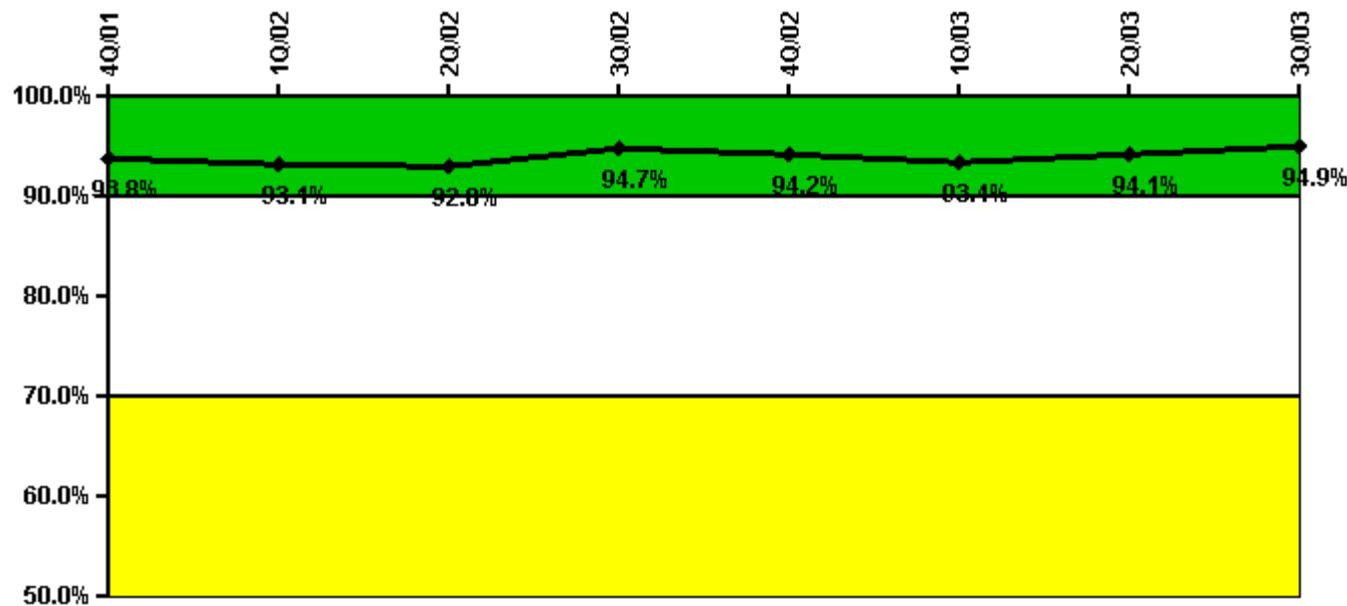
Thresholds: White > 50.0 Yellow > 100.0

#### Notes

| Reactor Coolant System Leakage | 10/01       | 11/01       | 12/01       | 1/02        | 2/02        | 3/02        | 4/02        | 5/02        | 6/02        | 7/02        | 8/02        | 9/02        |
|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Maximum leakage                | 4.100       | 3.800       | 4.700       | 4.200       | 4.700       | 3.100       | 3.100       | 3.100       | 3.400       | 2.900       | 2.900       | 2.700       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| Indicator value                | <b>16.4</b> | <b>15.2</b> | <b>18.8</b> | <b>16.8</b> | <b>18.8</b> | <b>12.4</b> | <b>12.4</b> | <b>12.4</b> | <b>13.6</b> | <b>11.6</b> | <b>11.6</b> | <b>10.8</b> |
| Reactor Coolant System Leakage | 10/02       | 11/02       | 12/02       | 1/03        | 2/03        | 3/03        | 4/03        | 5/03        | 6/03        | 7/03        | 8/03        | 9/03        |
| Maximum leakage                | 2.900       | 2.800       | 2.700       | 2.700       | 2.900       | 2.900       | 3.000       | 3.700       | 3.700       | 3.800       | 3.800       | 3.800       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| Indicator value                | <b>11.6</b> | <b>11.2</b> | <b>10.8</b> | <b>10.8</b> | <b>11.6</b> | <b>11.6</b> | <b>12.0</b> | <b>14.8</b> | <b>14.8</b> | <b>15.2</b> | <b>15.2</b> | <b>15.2</b> |

Licensee Comments: none

### Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

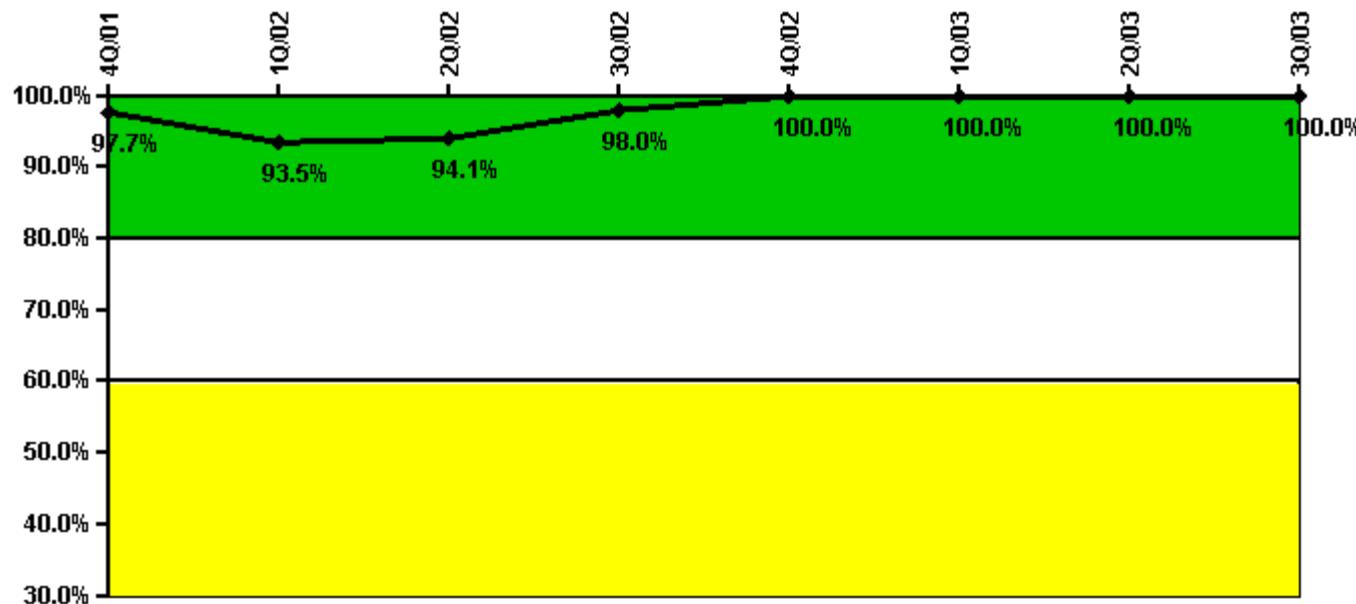
#### Notes

| Drill/Exercise Performance | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities   | 9.0   | 18.0  | 11.0  | 47.0  | 17.0  | 13.0  | 46.0  | 44.0  |
| Total opportunities        | 10.0  | 20.0  | 12.0  | 48.0  | 18.0  | 14.0  | 47.0  | 47.0  |
| Indicator value            | 93.8% | 93.1% | 92.8% | 94.7% | 94.2% | 93.4% | 94.1% | 94.9% |

Licensee Comments:

3Q/03: LORT JPMs are still in progress and are held due to exam security requirements. These will be added to the October 2003 data.

### **ERO Drill Participation**

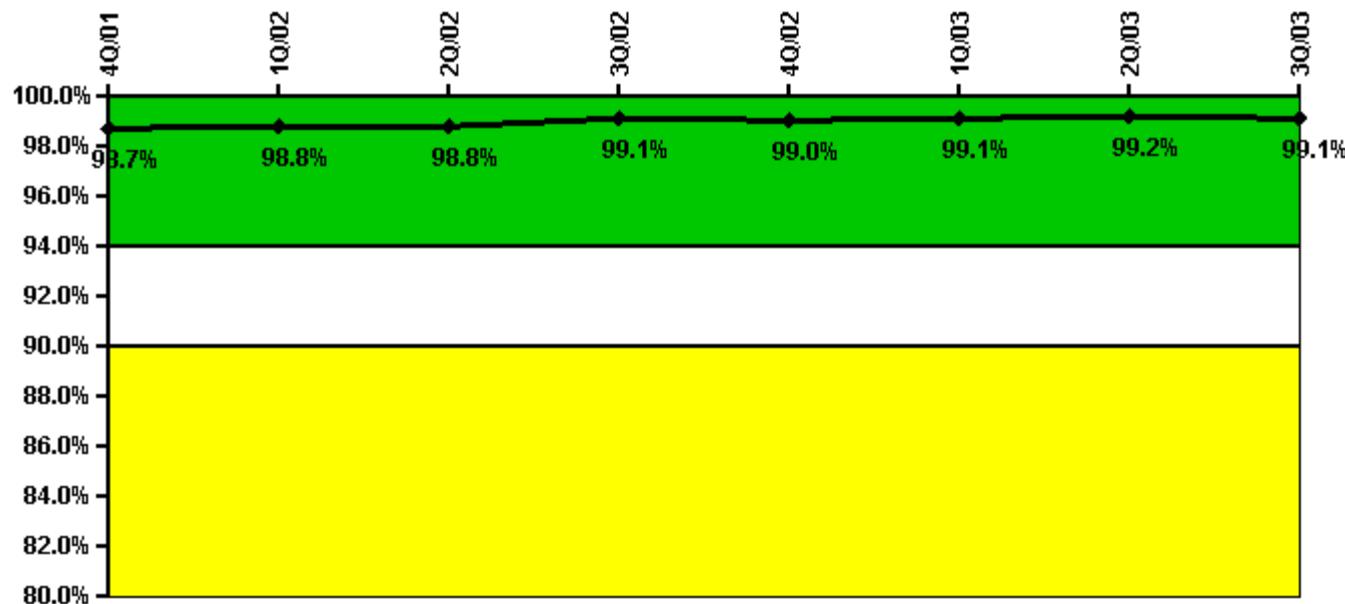


Thresholds: White < 80.0% Yellow < 60.0%

#### **Notes**

| <b>ERO Drill Participation</b> | <b>4Q/01</b> | <b>1Q/02</b> | <b>2Q/02</b> | <b>3Q/02</b> | <b>4Q/02</b>  | <b>1Q/03</b>  | <b>2Q/03</b>  | <b>3Q/03</b>  |
|--------------------------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|
| Participating Key personnel    | 43.0         | 43.0         | 48.0         | 50.0         | 51.0          | 54.0          | 53.0          | 56.0          |
| Total Key personnel            | 44.0         | 46.0         | 51.0         | 51.0         | 51.0          | 54.0          | 53.0          | 56.0          |
|                                |              |              |              |              |               |               |               |               |
| <b>Indicator value</b>         | <b>97.7%</b> | <b>93.5%</b> | <b>94.1%</b> | <b>98.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> |

Licensee Comments: none

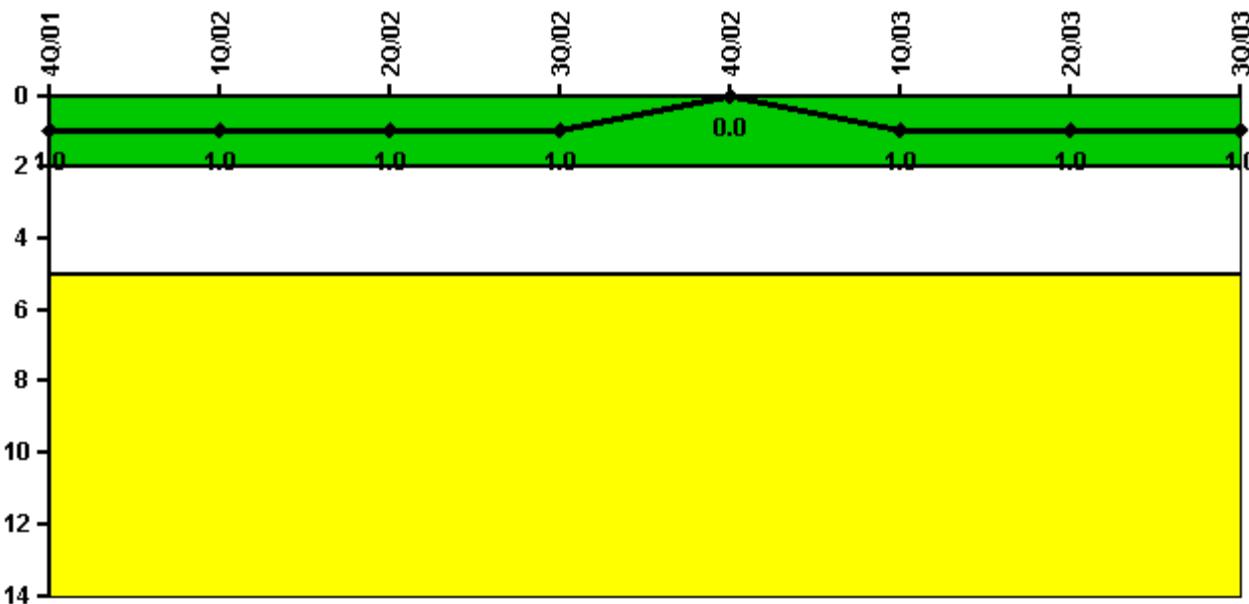
**Alert & Notification System**

Thresholds: White < 94.0% Yellow < 90.0%

**Notes**

| Alert & Notification System | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests      | 2160  | 2120  | 2150  | 2160  | 2489  | 3129  | 3173  | 3159  |
| Total sirens-tests          | 2176  | 2142  | 2176  | 2176  | 2512  | 3150  | 3200  | 3200  |
| Indicator value             | 98.7% | 98.8% | 98.8% | 99.1% | 99.0% | 99.1% | 99.2% | 99.1% |

Licensee Comments: none

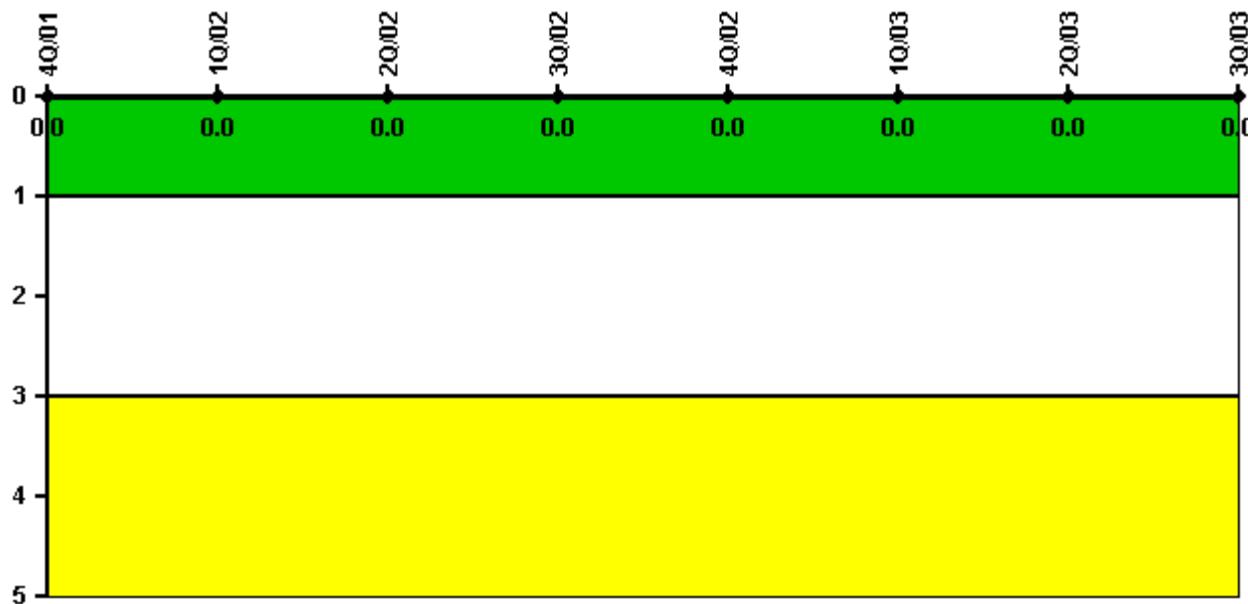
**Occupational Exposure Control Effectiveness**

Thresholds: White > 2.0 Yellow > 5.0

**Notes**

| Occupational Exposure Control Effectiveness | 4Q/01    | 1Q/02    | 2Q/02    | 3Q/02    | 4Q/02    | 1Q/03    | 2Q/03    | 3Q/03    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 1        | 0        | 0        | 0        | 0        | 1        | 0        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>0</b> | <b>1</b> | <b>1</b> | <b>1</b> |

Licensee Comments: none

**RETS/ODCM Radiological Effluent**

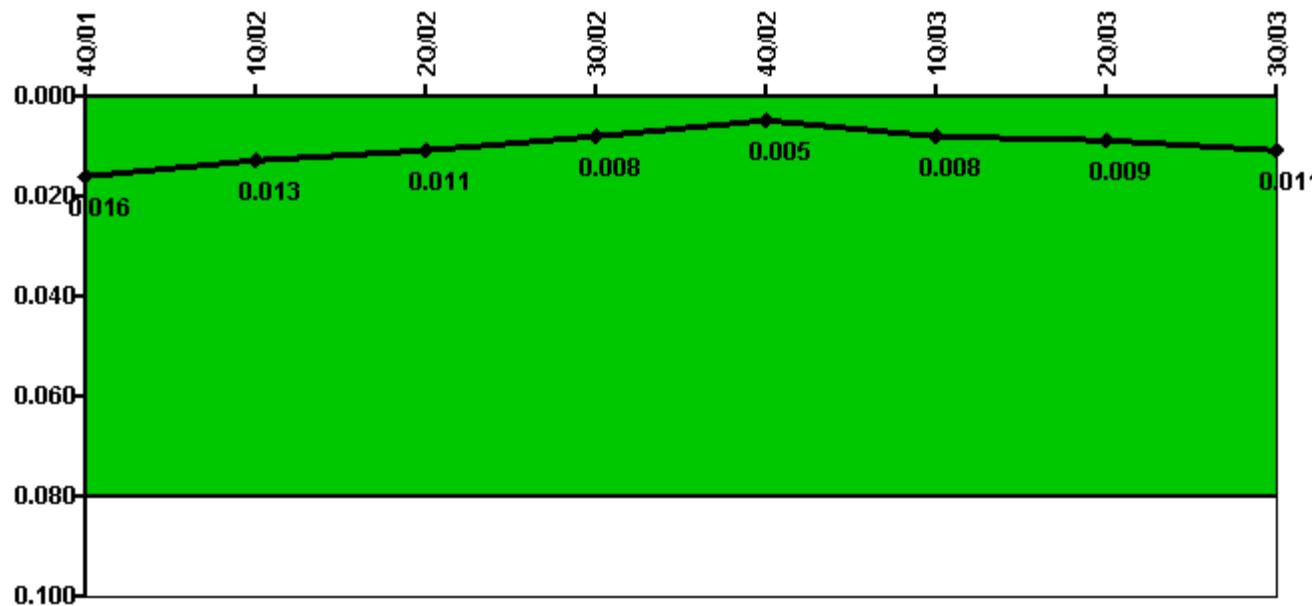
Thresholds: White > 1.0 Yellow > 3.0

**Notes**

| RETS/ODCM Radiological Effluent | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
|                                 |       |       |       |       |       |       |       |       |
| Indicator value                 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

### Protected Area Security Performance Index



Thresholds: White > 0.080

#### Notes

| Protected Area Security Performance Index | 4Q/01        | 1Q/02        | 2Q/02        | 3Q/02        | 4Q/02        | 1Q/03        | 2Q/03        | 3Q/03        |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| IDS compensatory hours                    | 68.40        | 10.80        | 11.50        | 36.40        | 42.60        | 49.40        | 47.70        | 23.90        |
| CCTV compensatory hours                   | 24.6         | 0            | 4.7          | 2.8          | 0            | 8.5          | 4.7          | 48.9         |
| IDS normalization factor                  | 1.20         | 1.20         | 1.20         | 1.20         | 1.20         | 1.20         | 1.20         | 1.20         |
| CCTV normalization factor                 | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          |
| <b>Index Value</b>                        | <b>0.016</b> | <b>0.013</b> | <b>0.011</b> | <b>0.008</b> | <b>0.005</b> | <b>0.008</b> | <b>0.009</b> | <b>0.011</b> |

Licensee Comments: none

### Personnel Screening Program

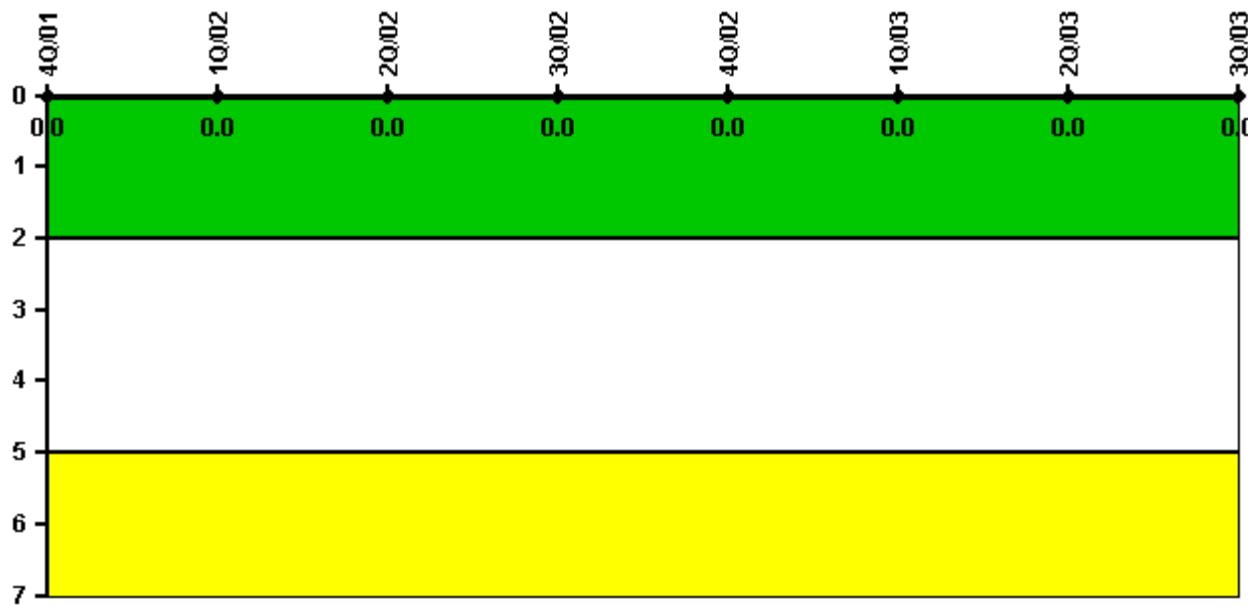


Thresholds: White > 2.0 Yellow > 5.0

#### Notes

| Personnel Screening Program | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Program failures            | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value             | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

**FFD/Personnel Reliability**

Thresholds: White > 2.0 Yellow > 5.0

**Notes**

| FFD/Personnel Reliability | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 |
|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Program Failures          | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none



[PI Summary](#) | [Inspection Findings Summary](#) | [Reactor Oversight Process](#)

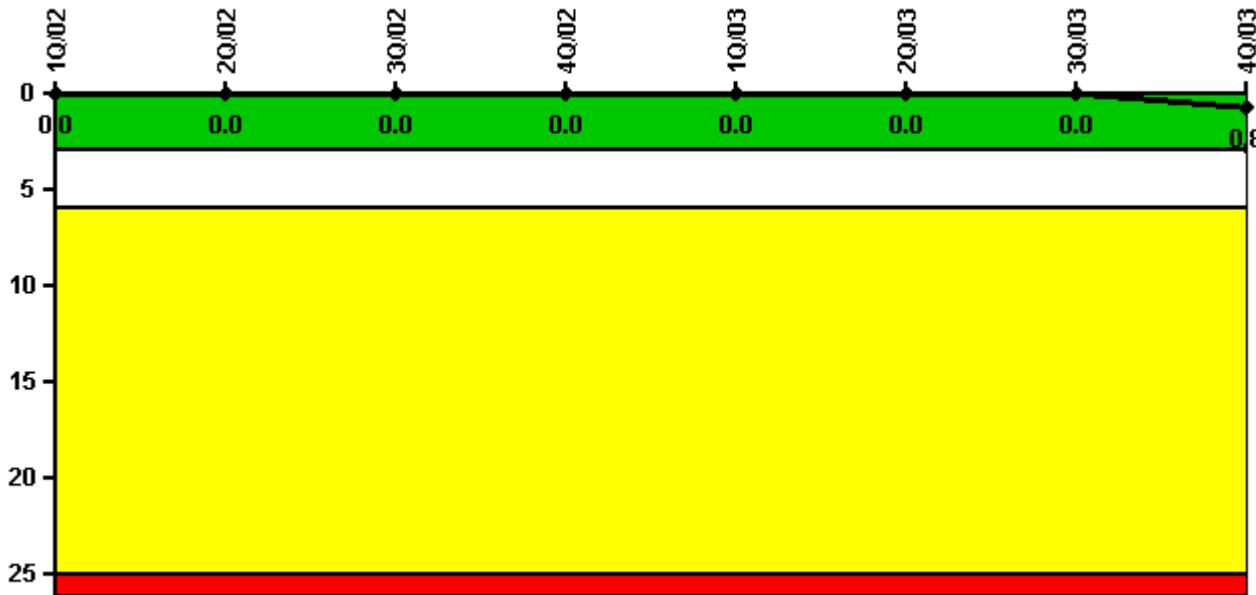
Last Modified: October 22, 2003

# La Salle 1

## 4Q/2003 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs

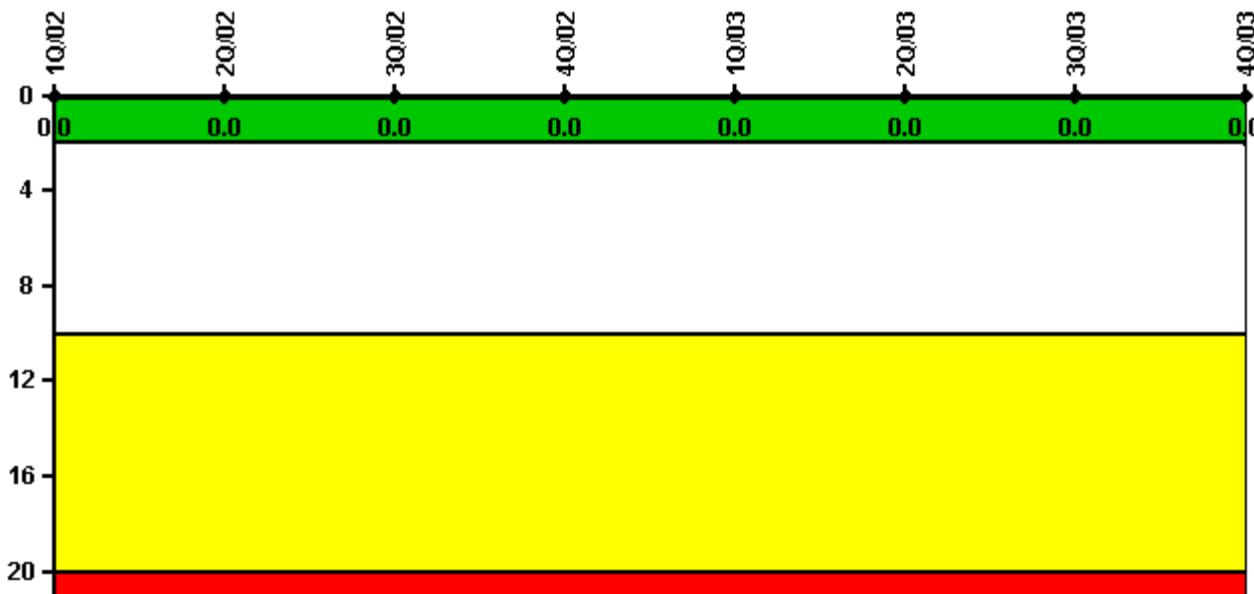


Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

| Unplanned Scrams per 7000 Critical Hrs | 1Q/02  | 2Q/02  | 3Q/02  | 4Q/02  | 1Q/03  | 2Q/03  | 3Q/03  | 4Q/03  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1.0    |
| Critical hours                         | 1585.9 | 1994.3 | 2208.0 | 2209.0 | 2160.0 | 2183.0 | 2208.0 | 2179.8 |
| Indicator value                        | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0.8    |

Licensee Comments: none

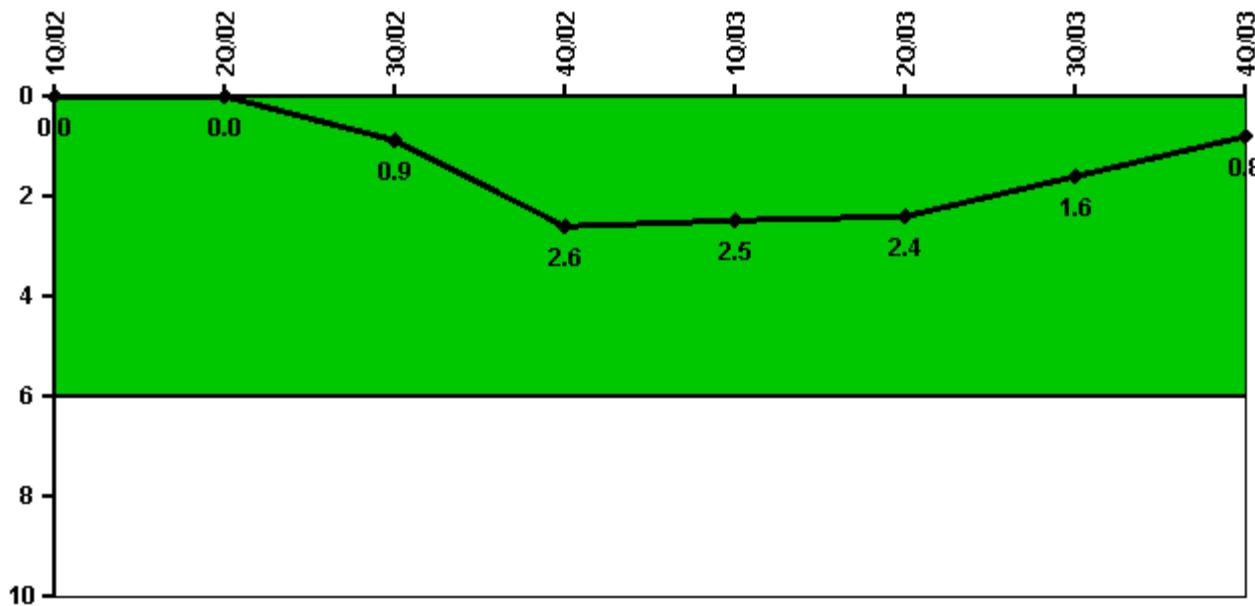
**Scrams with Loss of Normal Heat Removal**

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

**Notes**

| Scrams with Loss of Normal Heat Removal | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams                                  | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                         | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

**Unplanned Power Changes per 7000 Critical Hrs**

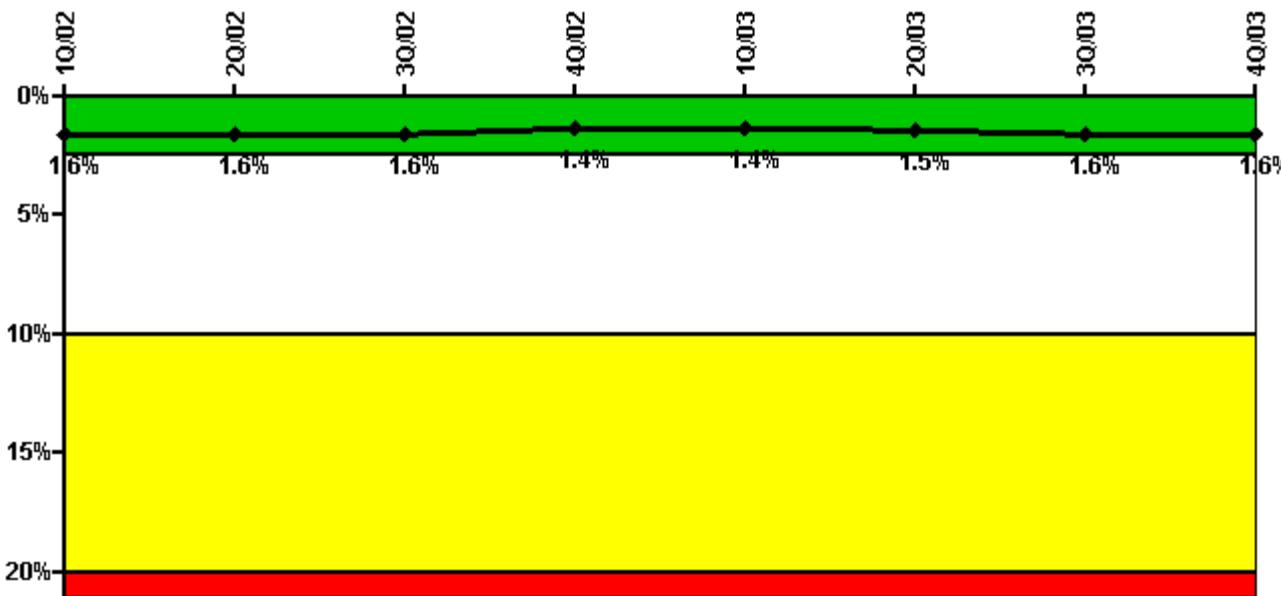
Thresholds: White > 6.0

**Notes**

| Unplanned Power Changes per 7000 Critical Hrs | 1Q/02  | 2Q/02  | 3Q/02  | 4Q/02  | 1Q/03  | 2Q/03  | 3Q/03  | 4Q/03  |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes                       | 0      | 0      | 1.0    | 2.0    | 0      | 0      | 0      | 1.0    |
| Critical hours                                | 1585.9 | 1994.3 | 2208.0 | 2209.0 | 2160.0 | 2183.0 | 2208.0 | 2179.8 |
| Indicator value                               | 0      | 0      | 0.9    | 2.6    | 2.5    | 2.4    | 1.6    | 0.8    |

Licensee Comments: none

## **Safety System Unavailability, Emergency AC Power, >2EDG**



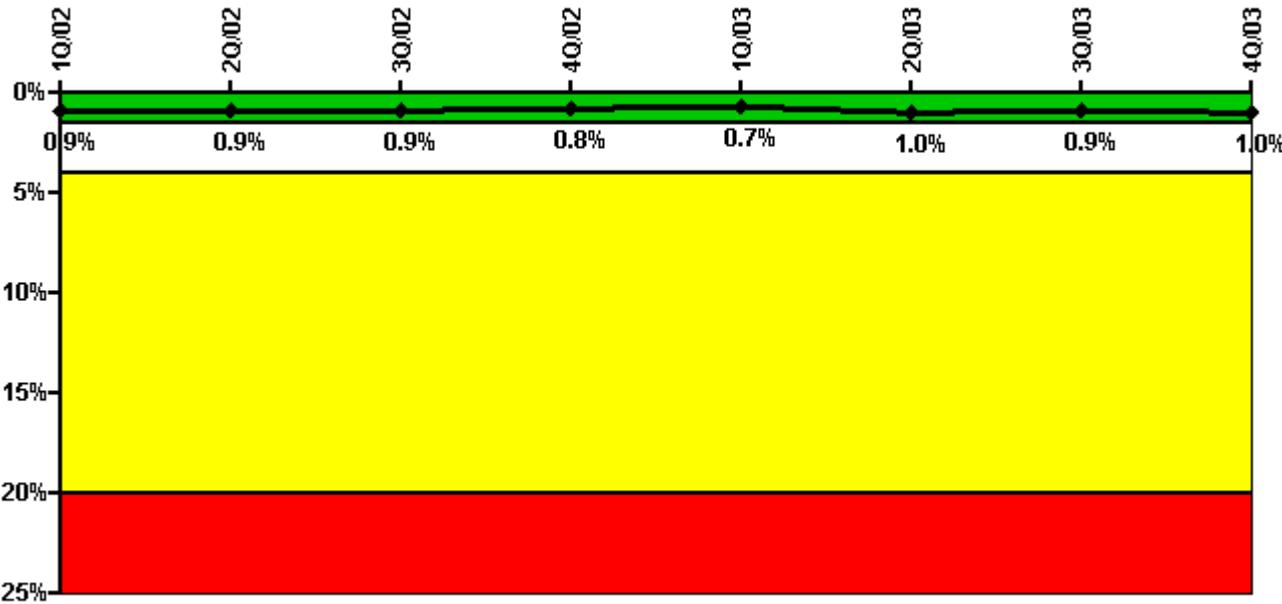
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

### Notes

| <b>Safety System Unavailability, Emergency AC Power, &gt;2EDG</b> | <b>1Q/02</b> | <b>2Q/02</b> | <b>3Q/02</b> | <b>4Q/02</b> | <b>1Q/03</b> | <b>2Q/03</b> | <b>3Q/03</b> | <b>4Q/03</b> |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <b>Train 1</b>  |              |              |              |              |              |              |              |              |
| Planned unavailable hours   | 0.50         | 6.95         | 82.40        | 1.13         | 33.00        | 21.60        | 43.63        | 7.52         |
| Unplanned unavailable hours                                       | 0            | 0            | 28.00        | 0            | 0            | 51.15        | 0            | 0            |
| Fault exposure hours  | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| Effective Reset hours   | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| Required hours  | 2160.00      | 2183.00      | 2208.00      | 2209.00      | 2160.00      | 2183.00      | 2208.00      | 2209.00      |
| <b>Train 2</b>  |              |              |              |              |              |              |              |              |
| Planned unavailable hours   | 0.75         | 72.72        | 1.00         | 1.00         | 69.53        | 23.13        | 7.30         | 15.66        |
| Unplanned unavailable hours                                       | 0            | 0            | 0            | 0            | 0            | 0.87         | 0            | 0            |
| Fault exposure hours  | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| Effective Reset hours   | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| Required hours  | 2160.00      | 2183.00      | 2208.00      | 2209.00      | 2160.00      | 2183.00      | 2208.00      | 2209.00      |
| <b>Train 3</b>  |              |              |              |              |              |              |              |              |
| Planned unavailable hours   | 11.17        | 1.25         | 0.75         | 0.98         | 1.12         | 104.83       | 0.75         | 45.03        |
| Unplanned unavailable hours                                       | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| Fault exposure hours  | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| Effective Reset hours   | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| Required hours  | 2160.00      | 2183.00      | 2208.00      | 2209.00      | 2160.00      | 2183.00      | 2208.00      | 2209.00      |
| <b>Indicator value</b>  | <b>1.6%</b>  | <b>1.6%</b>  | <b>1.6%</b>  | <b>1.4%</b>  | <b>1.4%</b>  | <b>1.5%</b>  | <b>1.6%</b>  | <b>1.6%</b>  |

Licensee Comments: none

## Safety System Unavailability, High Pressure Injection System (HPCS)



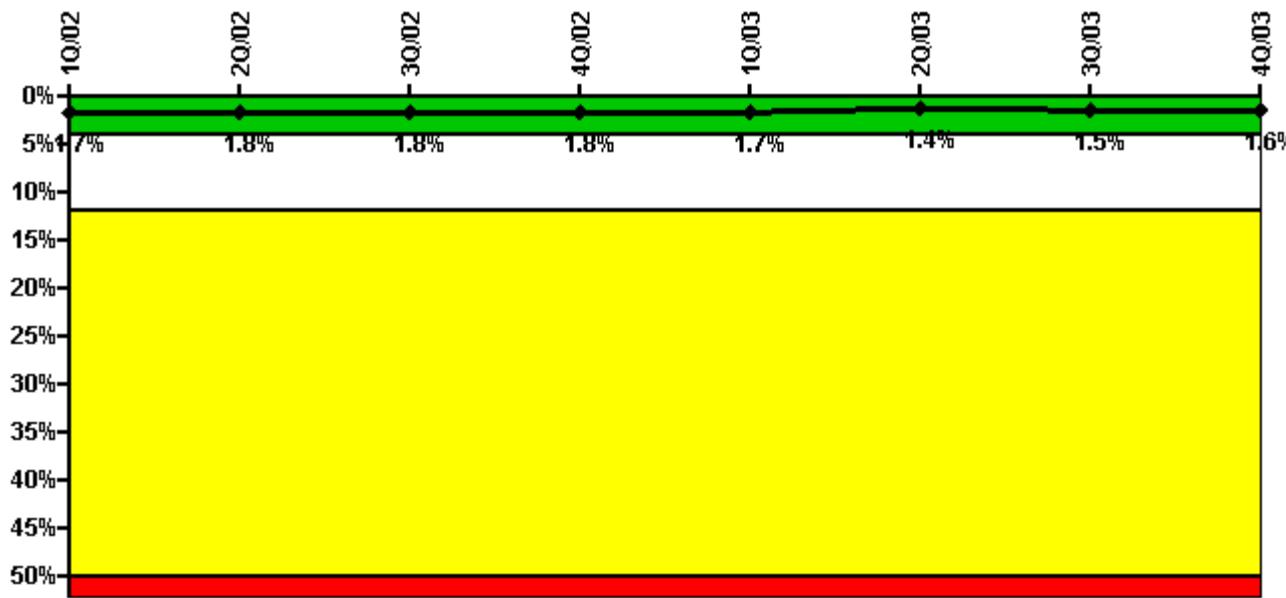
Thresholds: White > 1.5% Yellow > 4.0% Red > 20.0%

### Notes

| Safety System Unavailability, High Pressure Injection System (HPCS) | 1Q/02       | 2Q/02       | 3Q/02       | 4Q/02       | 1Q/03       | 2Q/03       | 3Q/03       | 4Q/03       |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours   | 78.75       | 0           | 0           | 0           | 0           | 62.85       | 0           | 20.57       |
| Unplanned unavailable hours   | 0           | 0           | 0           | 0.60        | 0           | 0           | 0           | 0           |
| Fault exposure hours  | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 1585.90     | 1991.80     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2179.80     |
| <b>Indicator value</b>  | <b>0.9%</b> | <b>0.9%</b> | <b>0.9%</b> | <b>0.8%</b> | <b>0.7%</b> | <b>1.0%</b> | <b>0.9%</b> | <b>1.0%</b> |

Licensee Comments: none

## **Safety System Unavailability, Heat Removal System (RCIC)**

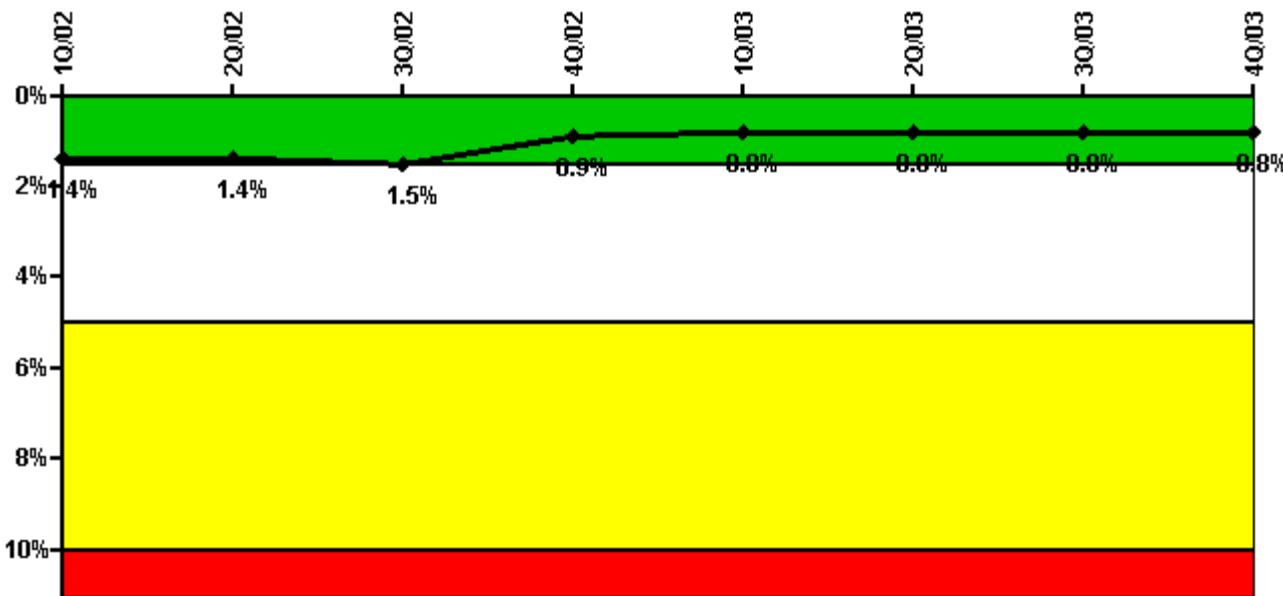


### Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 1Q/02       | 2Q/02       | 3Q/02       | 4Q/02       | 1Q/03       | 2Q/03       | 3Q/03       | 4Q/03       |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                | 23.90       | 33.70       | 61.30       | 15.90       | 0.30        | 40.40       | 15.12       | 37.50       |
| Unplanned unavailable hours                              | 0           | 0           | 20.10       | 0.40        | 0           | 6.60        | 9.10        | 0           |
| Fault exposure hours                                     | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 1585.90     | 1991.80     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2179.80     |
| <b>Indicator value</b>                                   | <b>1.7%</b> | <b>1.8%</b> | <b>1.8%</b> | <b>1.8%</b> | <b>1.7%</b> | <b>1.4%</b> | <b>1.5%</b> | <b>1.6%</b> |

Licensee Comments: none

### Safety System Unavailability, Residual Heat Removal System

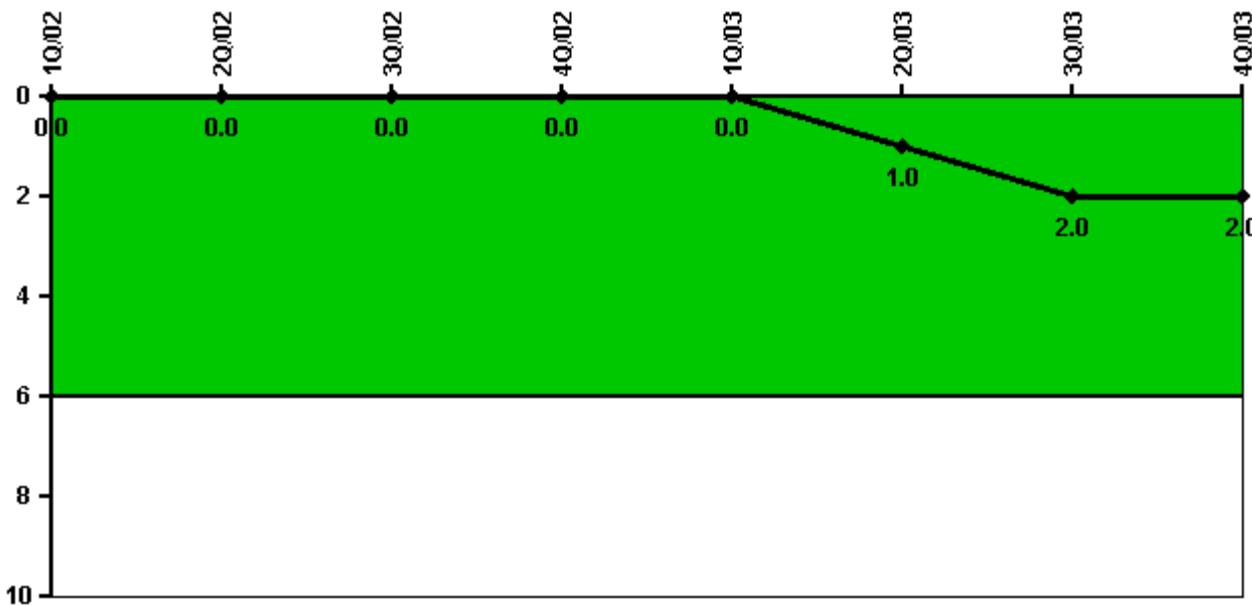


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

#### Notes

| Safety System Unavailability, Residual Heat Removal System | 1Q/02       | 2Q/02       | 3Q/02       | 4Q/02       | 1Q/03       | 2Q/03       | 3Q/03       | 4Q/03       |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                  | 0           | 2.30        | 42.00       | 11.40       | 0           | 45.40       | 0           | 0           |
| Unplanned unavailable hours                                | 0           | 0           | 20.10       | 0.30        | 0           | 0           | 0           | 0           |
| Fault exposure hours                                       | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                      | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     |
| <b>Train 2</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                  | 98.50       | 9.40        | 16.80       | 0           | 0           | 13.70       | 17.30       | 0           |
| Unplanned unavailable hours                                | 0           | 0           | 0           | 1.10        | 0.80        | 1.00        | 0           | 0           |
| Fault exposure hours                                       | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                      | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     |
| <b>Indicator value</b>                                     | <b>1.4%</b> | <b>1.4%</b> | <b>1.5%</b> | <b>0.9%</b> | <b>0.8%</b> | <b>0.8%</b> | <b>0.8%</b> | <b>0.8%</b> |

Licensee Comments: none

**Safety System Functional Failures (BWR)**

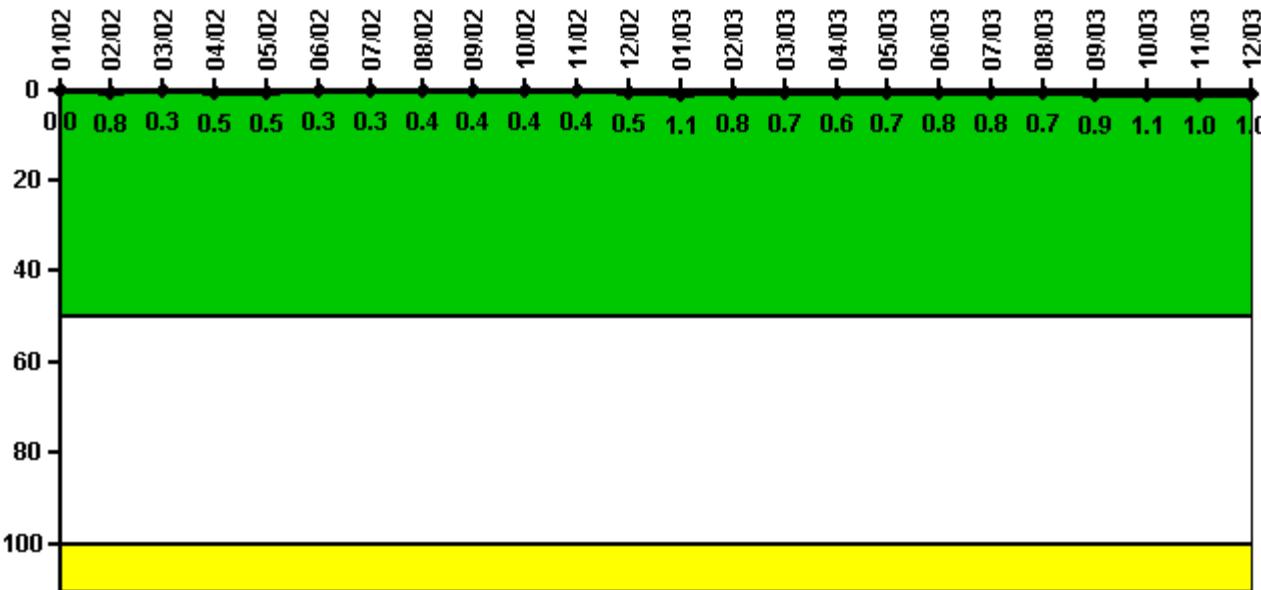
Thresholds: White > 6.0

**Notes**

| Safety System Functional Failures (BWR) | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures       | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 0     |
| Indicator value                         | 0     | 0     | 0     | 0     | 0     | 1     | 2     | 2     |

Licensee Comments: none

### Reactor Coolant System Activity



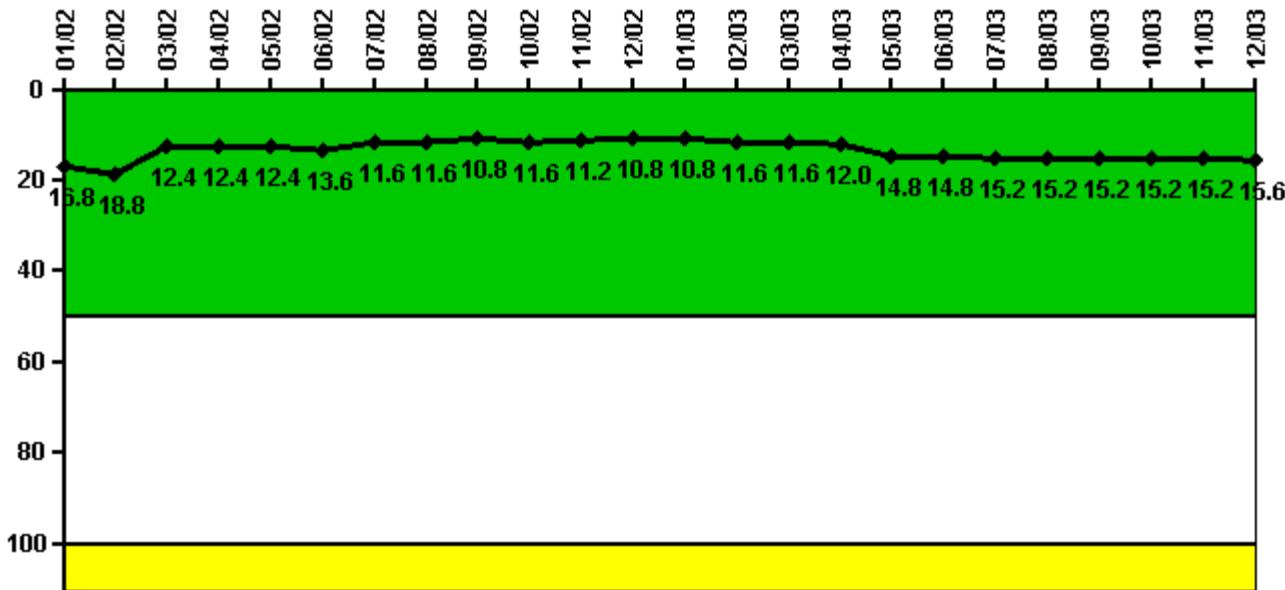
Thresholds: White > 50.0 Yellow > 100.0

#### Notes

| Reactor Coolant System Activity | 1/02       | 2/02       | 3/02       | 4/02       | 5/02       | 6/02       | 7/02       | 8/02       | 9/02       | 10/02      | 11/02      | 12/02      |
|---------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Maximum activity                | 0.000093   | 0.001690   | 0.000678   | 0.001090   | 0.001090   | 0.000678   | 0.000685   | 0.000764   | 0.000771   | 0.000804   | 0.000800   | 0.000912   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| <b>Indicator value</b>          | <b>0</b>   | <b>0.8</b> | <b>0.3</b> | <b>0.5</b> | <b>0.5</b> | <b>0.3</b> | <b>0.3</b> | <b>0.4</b> | <b>0.4</b> | <b>0.4</b> | <b>0.4</b> | <b>0.5</b> |
| Reactor Coolant System Activity | 1/03       | 2/03       | 3/03       | 4/03       | 5/03       | 6/03       | 7/03       | 8/03       | 9/03       | 10/03      | 11/03      | 12/03      |
| Maximum activity                | 0.002110   | 0.001690   | 0.001350   | 0.001140   | 0.001310   | 0.001550   | 0.001610   | 0.001480   | 0.001810   | 0.002250   | 0.001950   | 0.002030   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| <b>Indicator value</b>          | <b>1.1</b> | <b>0.8</b> | <b>0.7</b> | <b>0.6</b> | <b>0.7</b> | <b>0.8</b> | <b>0.8</b> | <b>0.7</b> | <b>0.9</b> | <b>1.1</b> | <b>1.0</b> | <b>1.0</b> |

Licensee Comments: none

### Reactor Coolant System Leakage

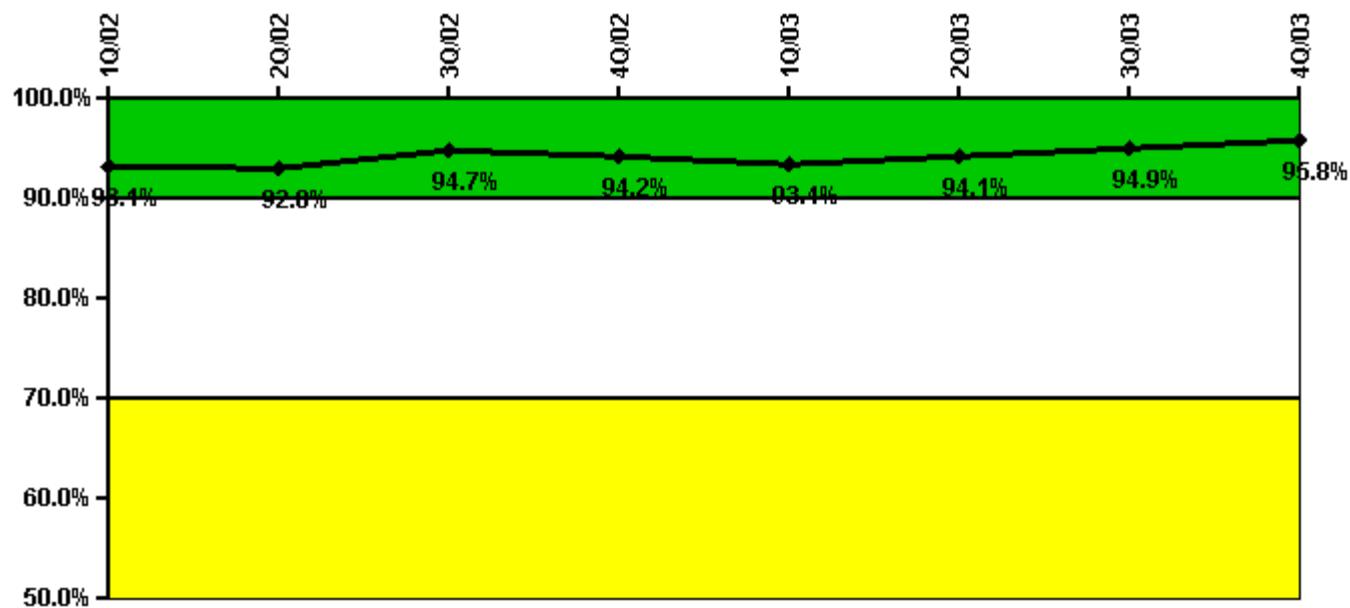


Thresholds: White > 50.0 Yellow > 100.0

#### Notes

| Reactor Coolant System Leakage | 1/02  | 2/02  | 3/02  | 4/02  | 5/02  | 6/02  | 7/02  | 8/02  | 9/02  | 10/02 | 11/02 | 12/02 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage                | 4.200 | 4.700 | 3.100 | 3.100 | 3.100 | 3.400 | 2.900 | 2.900 | 2.700 | 2.900 | 2.800 | 2.700 |
| Technical specification limit  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  |
|                                |       |       |       |       |       |       |       |       |       |       |       |       |
| Indicator value                | 16.8  | 18.8  | 12.4  | 12.4  | 12.4  | 13.6  | 11.6  | 11.6  | 10.8  | 11.6  | 11.2  | 10.8  |
| Reactor Coolant System Leakage | 1/03  | 2/03  | 3/03  | 4/03  | 5/03  | 6/03  | 7/03  | 8/03  | 9/03  | 10/03 | 11/03 | 12/03 |
| Maximum leakage                | 2.700 | 2.900 | 2.900 | 3.000 | 3.700 | 3.700 | 3.800 | 3.800 | 3.800 | 3.800 | 3.800 | 3.900 |
| Technical specification limit  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  |
|                                |       |       |       |       |       |       |       |       |       |       |       |       |
| Indicator value                | 10.8  | 11.6  | 11.6  | 12.0  | 14.8  | 14.8  | 15.2  | 15.2  | 15.2  | 15.2  | 15.2  | 15.6  |

Licensee Comments: none

**Drill/Exercise Performance**

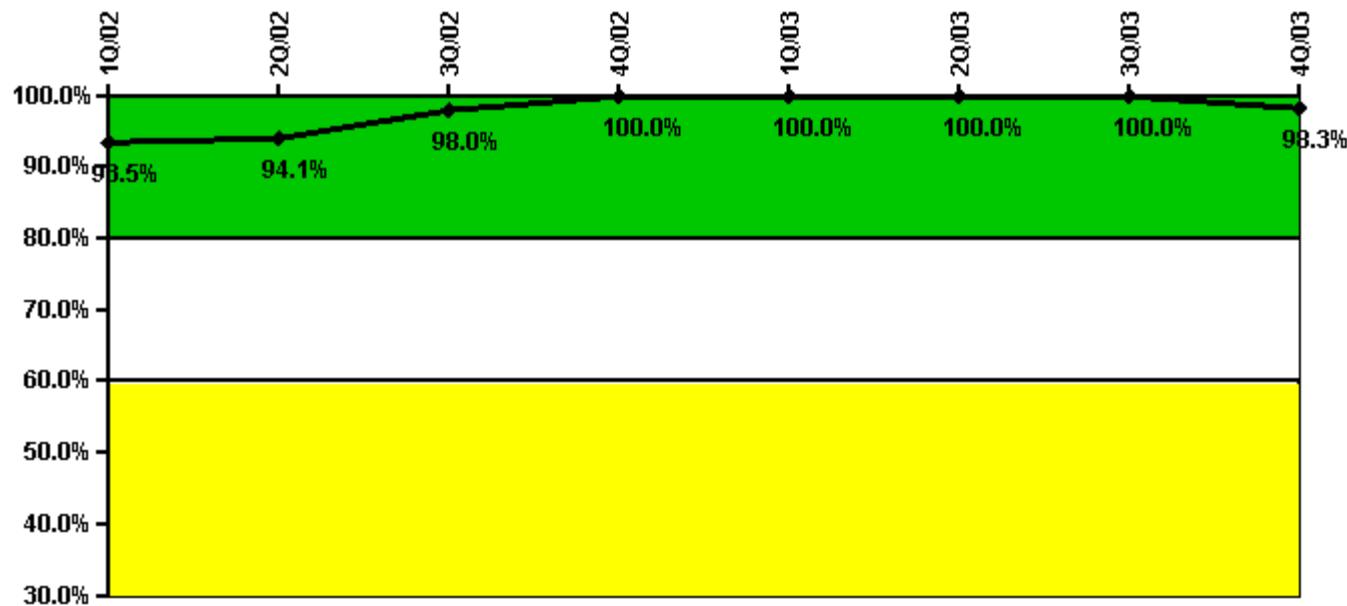
Thresholds: White < 90.0% Yellow < 70.0%

**Notes**

| Drill/Exercise Performance | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities   | 18.0  | 11.0  | 47.0  | 17.0  | 13.0  | 46.0  | 44.0  | 32.0  |
| Total opportunities        | 20.0  | 12.0  | 48.0  | 18.0  | 14.0  | 47.0  | 47.0  | 32.0  |
| Indicator value            | 93.1% | 92.8% | 94.7% | 94.2% | 93.4% | 94.1% | 94.9% | 95.8% |

Licensee Comments: none

### **ERO Drill Participation**



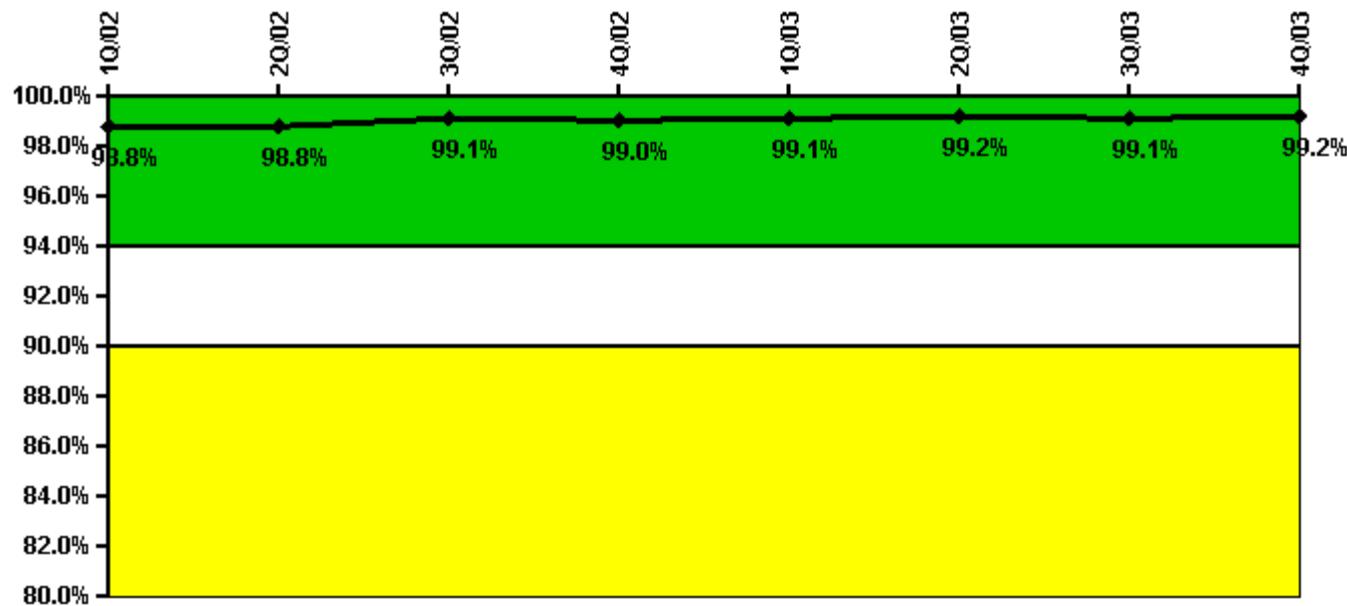
Thresholds: White < 80.0% Yellow < 60.0%

#### **Notes**

| <b>ERO Drill Participation</b> | <b>1Q/02</b> | <b>2Q/02</b> | <b>3Q/02</b> | <b>4Q/02</b>  | <b>1Q/03</b>  | <b>2Q/03</b>  | <b>3Q/03</b>  | <b>4Q/03</b> |
|--------------------------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|--------------|
| Participating Key personnel    | 43.0         | 48.0         | 50.0         | 51.0          | 54.0          | 53.0          | 56.0          | 57.0         |
| Total Key personnel            | 46.0         | 51.0         | 51.0         | 51.0          | 54.0          | 53.0          | 56.0          | 58.0         |
| <b>Indicator value</b>         | <b>93.5%</b> | <b>94.1%</b> | <b>98.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>98.3%</b> |

Licensee Comments: none

## Alert & Notification System

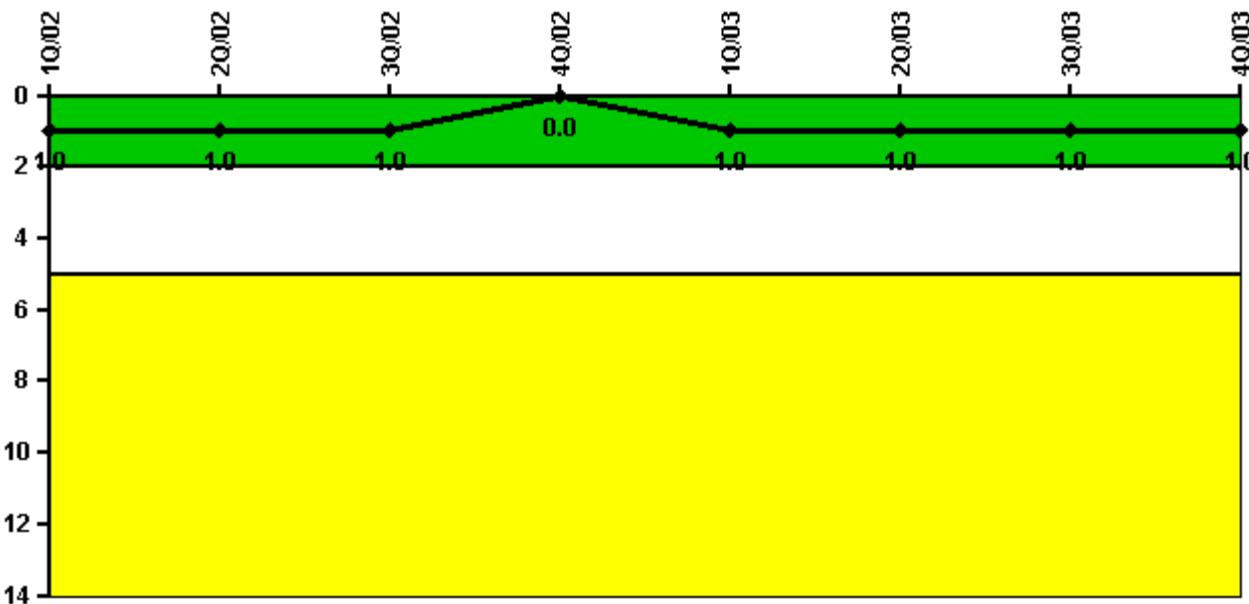


Thresholds: White < 94.0% Yellow < 90.0%

### Notes

| Alert & Notification System | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests      | 2120  | 2150  | 2160  | 2489  | 3129  | 3173  | 3159  | 3192  |
| Total sirens-tests          | 2142  | 2176  | 2176  | 2512  | 3150  | 3200  | 3200  | 3200  |
| Indicator value             | 98.8% | 98.8% | 99.1% | 99.0% | 99.1% | 99.2% | 99.1% | 99.2% |

Licensee Comments: none

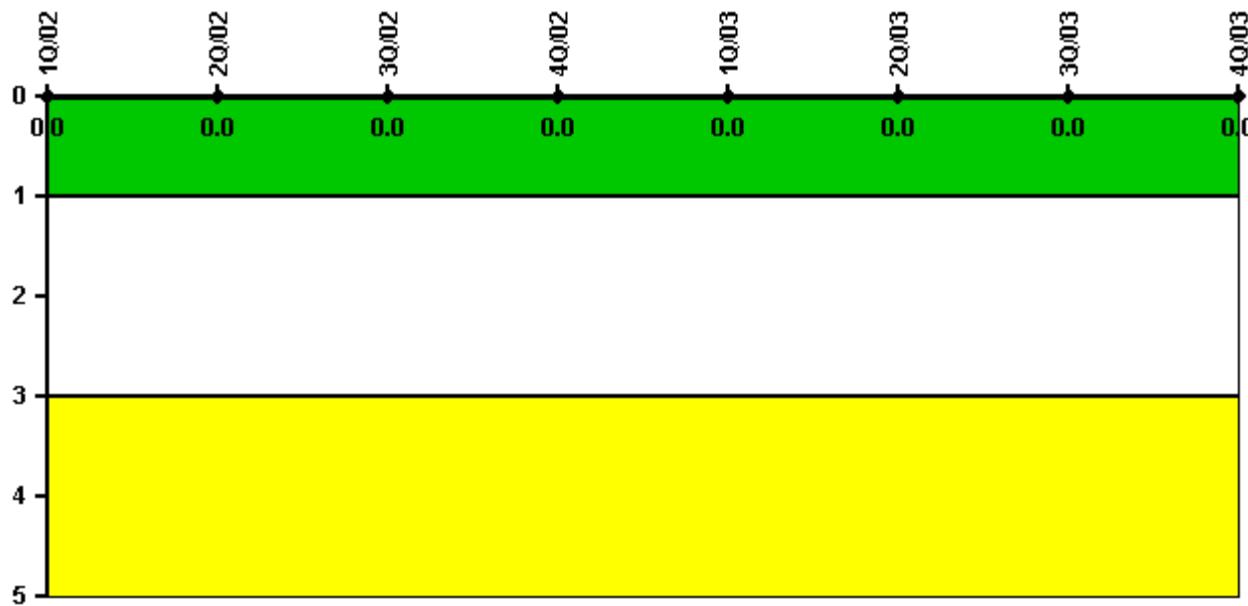
**Occupational Exposure Control Effectiveness**

Thresholds: White > 2.0 Yellow > 5.0

**Notes**

| Occupational Exposure Control Effectiveness | 1Q/02    | 2Q/02    | 3Q/02    | 4Q/02    | 1Q/03    | 2Q/03    | 3Q/03    | 4Q/03    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>1</b> | <b>1</b> | <b>1</b> | <b>0</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> |

Licensee Comments: none

**RETS/ODCM Radiological Effluent**

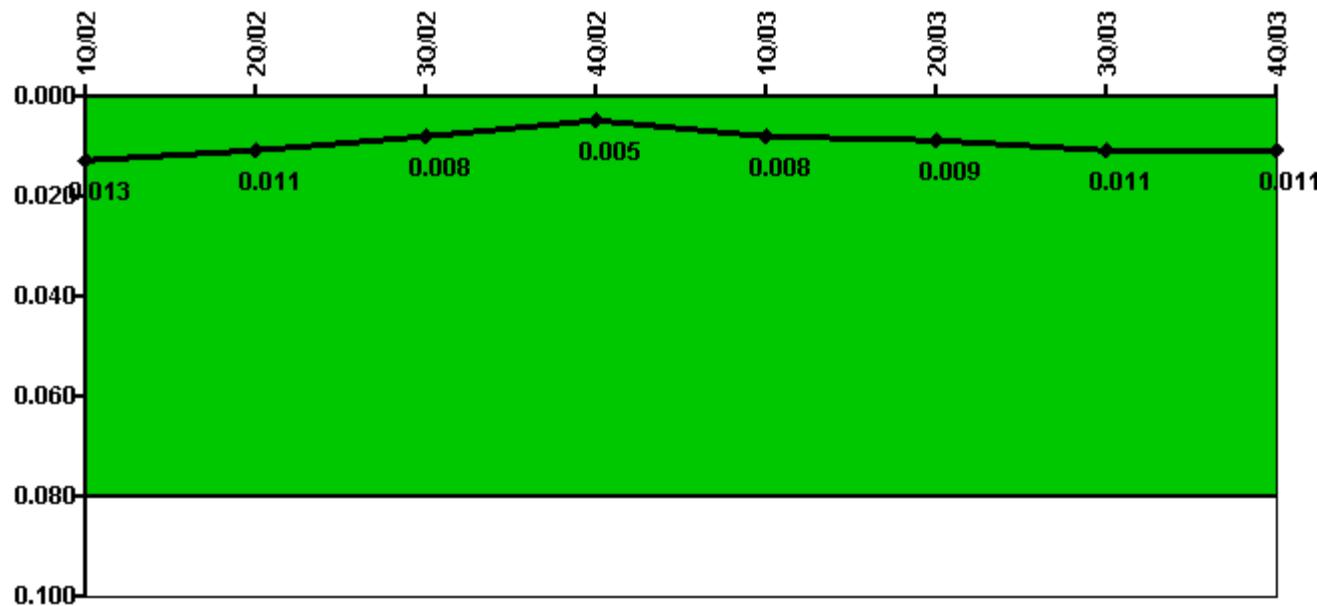
Thresholds: White > 1.0 Yellow > 3.0

**Notes**

| RETS/ODCM Radiological Effluent | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
|                                 |       |       |       |       |       |       |       |       |
| Indicator value                 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

### Protected Area Security Performance Index



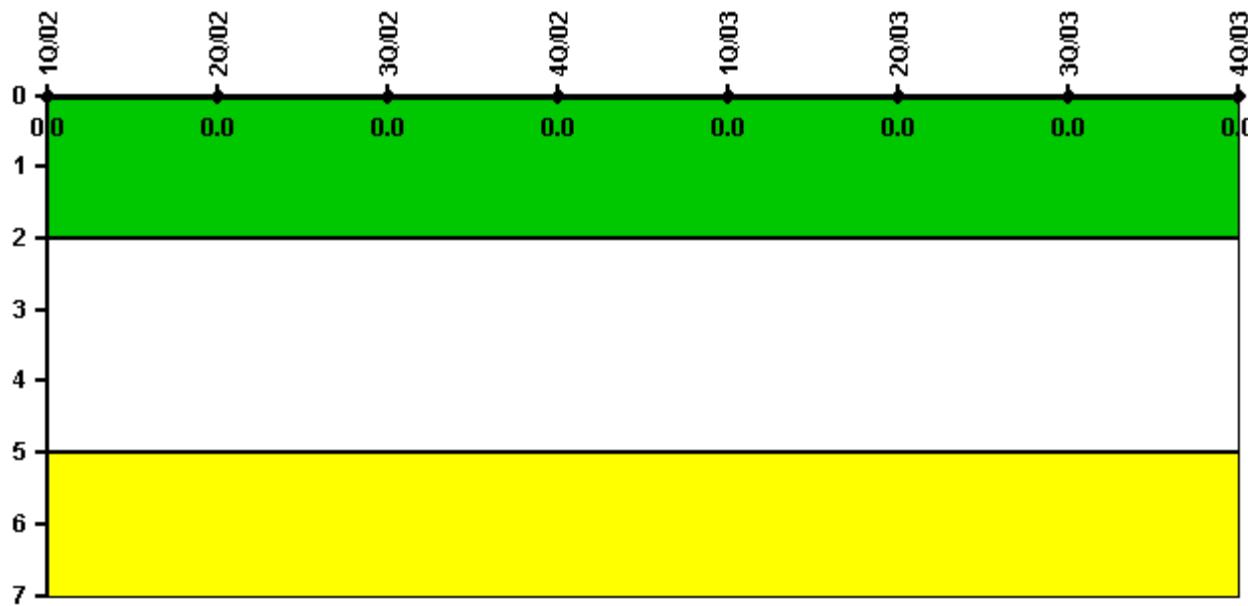
Thresholds: White > 0.080

#### Notes

| Protected Area Security Performance Index | 1Q/02        | 2Q/02        | 3Q/02        | 4Q/02        | 1Q/03        | 2Q/03        | 3Q/03        | 4Q/03        |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| IDS compensatory hours                    | 10.80        | 11.50        | 36.40        | 42.60        | 49.40        | 47.70        | 23.90        | 43.50        |
| CCTV compensatory hours                   | 0            | 4.7          | 2.8          | 0            | 8.5          | 4.7          | 48.9         | 0            |
| IDS normalization factor                  | 1.20         | 1.20         | 1.20         | 1.20         | 1.20         | 1.20         | 1.20         | 1.20         |
| CCTV normalization factor                 | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          |
| <b>Index Value</b>                        | <b>0.013</b> | <b>0.011</b> | <b>0.008</b> | <b>0.005</b> | <b>0.008</b> | <b>0.009</b> | <b>0.011</b> | <b>0.011</b> |

Licensee Comments: none

### Personnel Screening Program

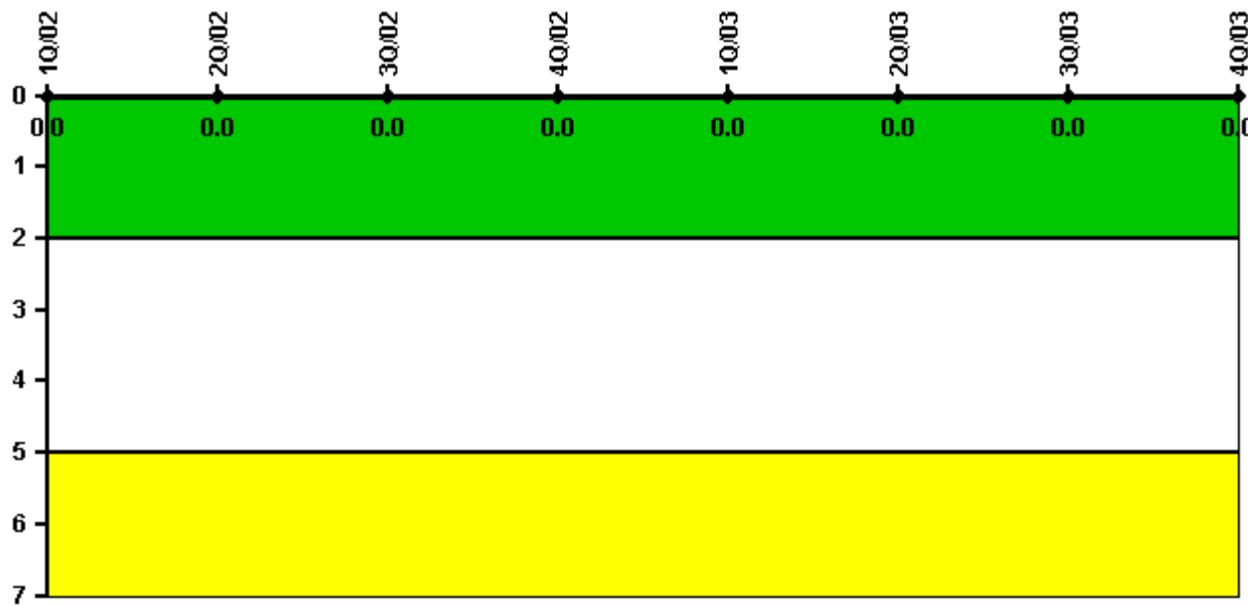


Thresholds: White > 2.0 Yellow > 5.0

#### Notes

| Personnel Screening Program | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Program failures            | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
|                             |       |       |       |       |       |       |       |       |
| Indicator value             | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

**FFD/Personnel Reliability**

Thresholds: White > 2.0 Yellow > 5.0

**Notes**

| FFD/Personnel Reliability | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 |
|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Program Failures          | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

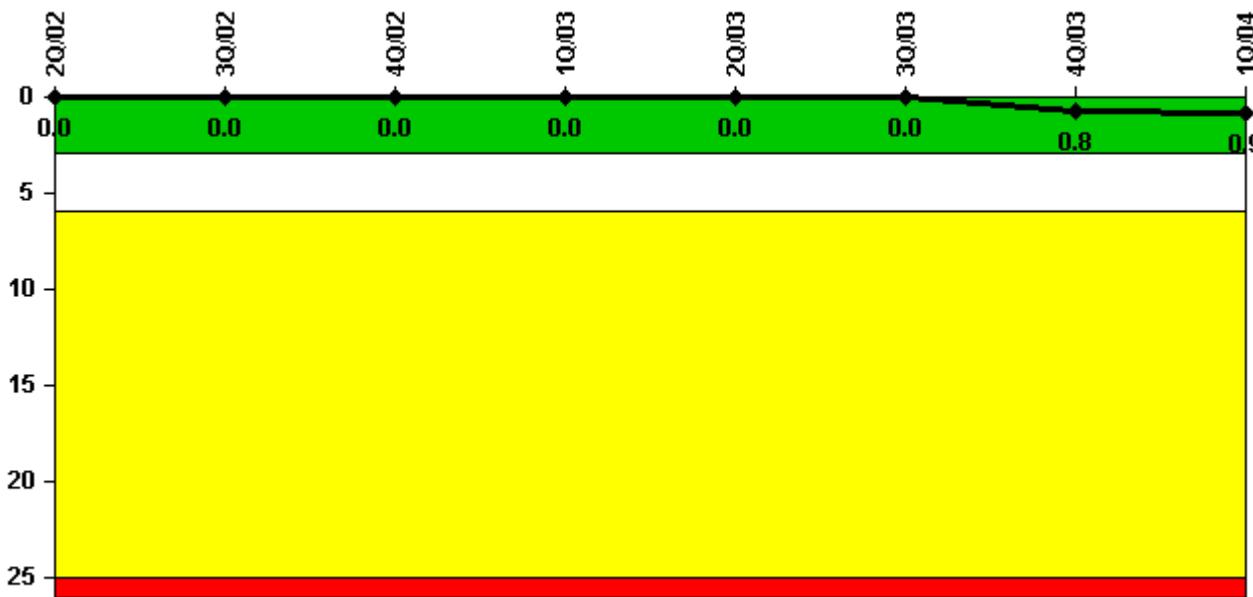


[PI Summary](#) | [Inspection Findings Summary](#) | [Reactor Oversight Process](#)

Last Modified: January 23, 2004

**La Salle 1****1Q/2004 Performance Indicators**

Licensee's General Comments: none

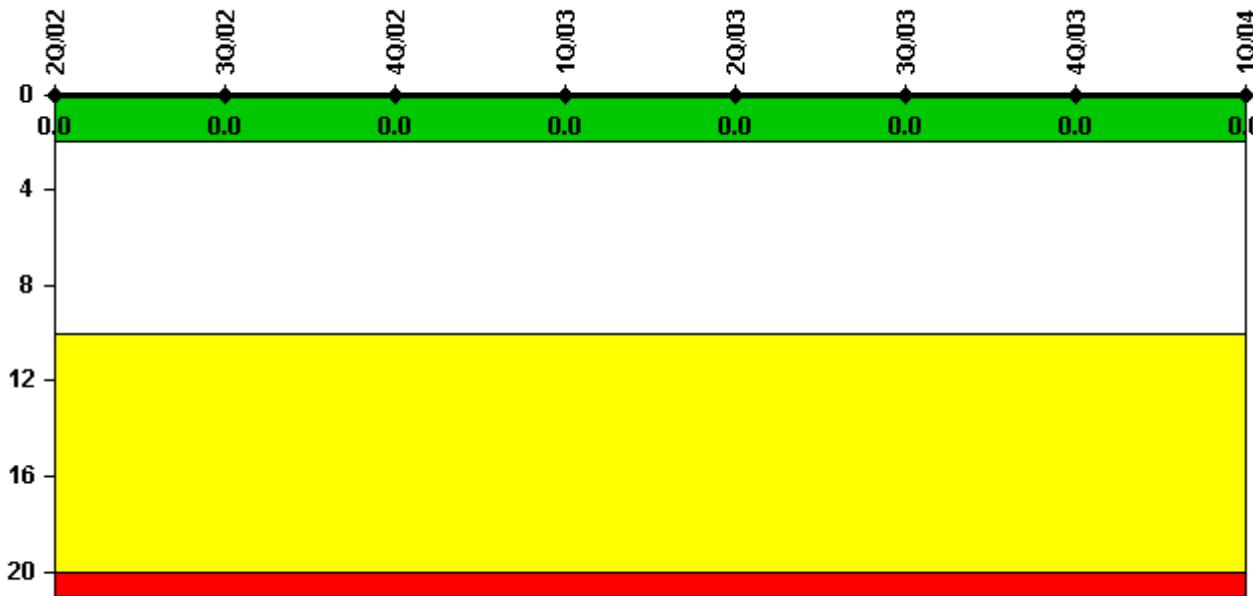
**Unplanned Scrams per 7000 Critical Hrs**

Thresholds: White &gt; 3.0 Yellow &gt; 6.0 Red &gt; 25.0

**Notes**

| Unplanned Scrams per 7000 Critical Hrs | 2Q/02  | 3Q/02  | 4Q/02  | 1Q/03  | 2Q/03  | 3Q/03  | 4Q/03  | 1Q/04  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 0      | 0      | 0      | 0      | 0      | 1.0    | 0      |
| Critical hours                         | 1994.3 | 2208.0 | 2209.0 | 2160.0 | 2183.0 | 2208.0 | 2179.8 | 1489.1 |
| Indicator value                        | 0      | 0      | 0      | 0      | 0      | 0      | 0.8    | 0.9    |

Licensee Comments: none

**Scrams with Loss of Normal Heat Removal**

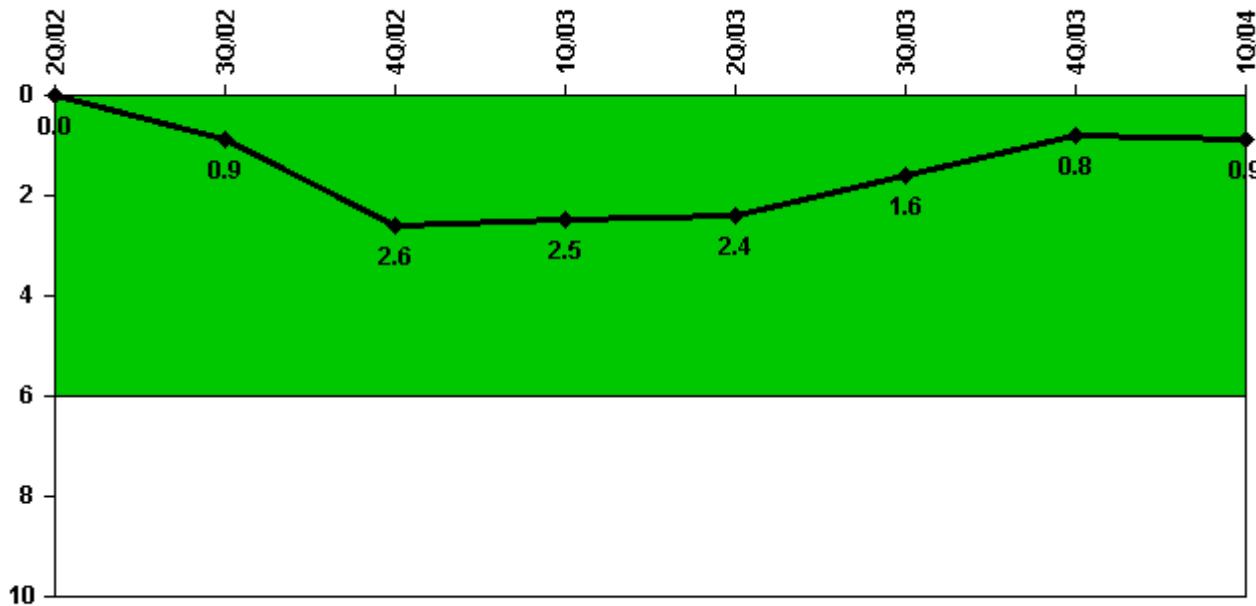
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

**Notes**

| Scrams with Loss of Normal Heat Removal | 2Q/02    | 3Q/02    | 4Q/02    | 1Q/03    | 2Q/03    | 3Q/03    | 4Q/03    | 1Q/04    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Scrams                                  | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Indicator value                         | <b>0</b> |

Licensee Comments: none

### Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

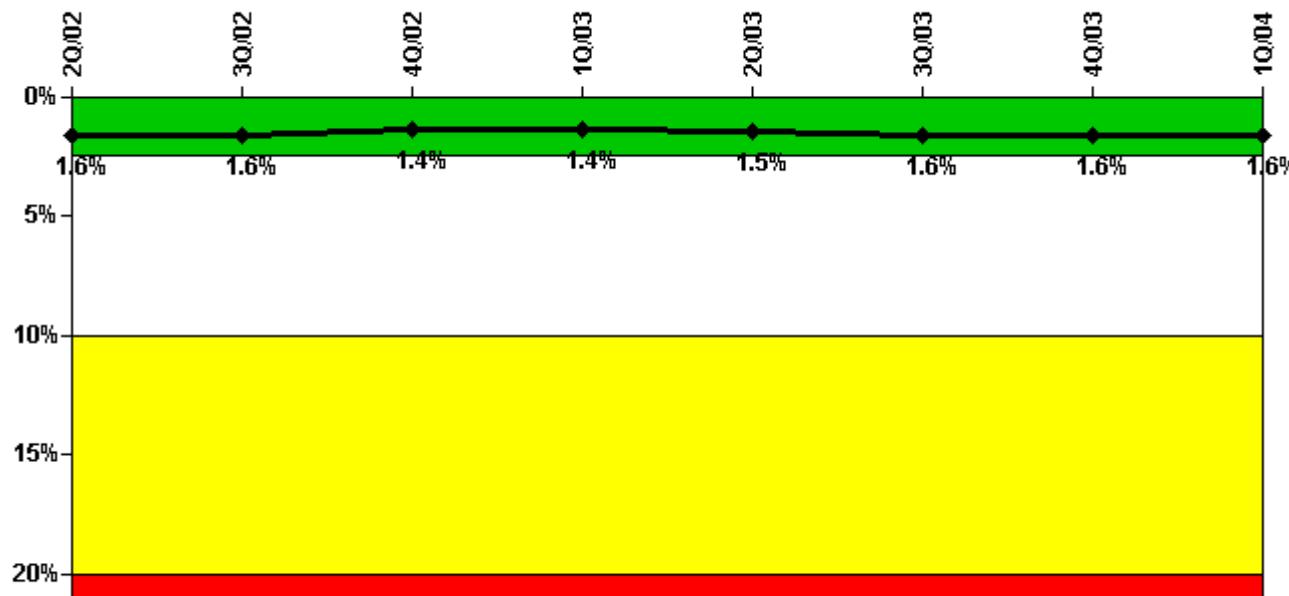
#### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 2Q/02    | 3Q/02      | 4Q/02      | 1Q/03      | 2Q/03      | 3Q/03      | 4Q/03      | 1Q/04      |
|---|----------|------------|------------|------------|------------|------------|------------|------------|
| Unplanned power changes                       | 0        | 1.0        | 2.0        | 0          | 0          | 0          | 1.0        | 0          |
| Critical hours                                | 1994.3   | 2208.0     | 2209.0     | 2160.0     | 2183.0     | 2208.0     | 2179.8     | 1489.1     |
| Indicator value                               | <b>0</b> | <b>0.9</b> | <b>2.6</b> | <b>2.5</b> | <b>2.4</b> | <b>1.6</b> | <b>0.8</b> | <b>0.9</b> |

Licensee Comments: none

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## Safety System Unavailability, Emergency AC Power, >2EDG



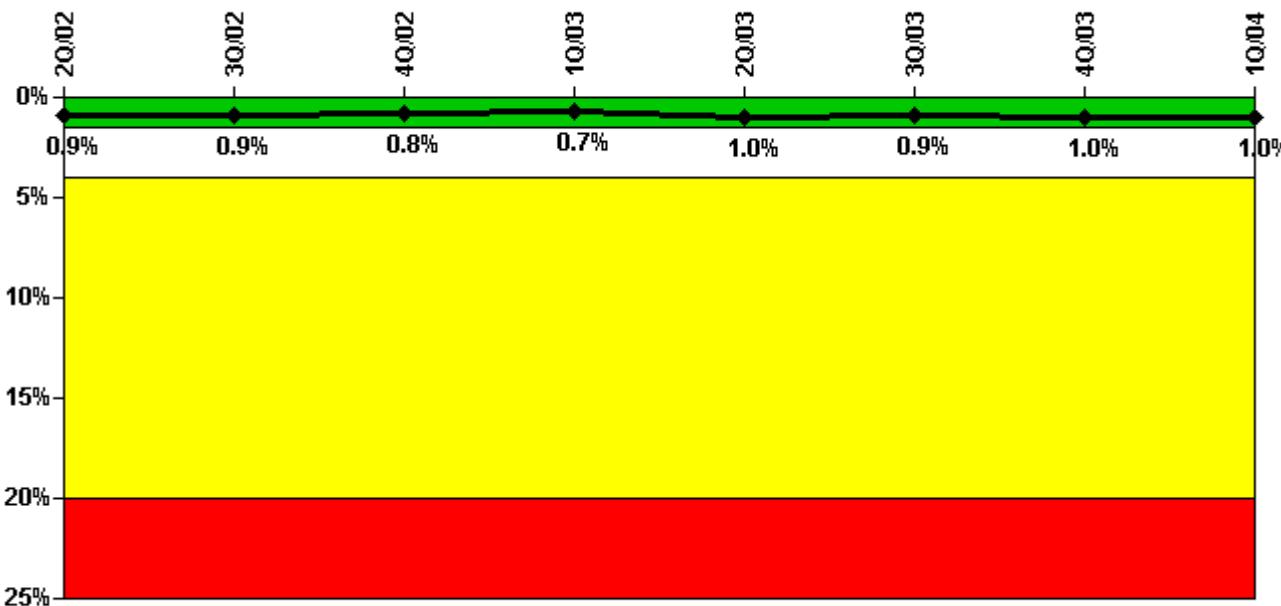
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

### Notes

| Safety System Unavailability, Emergency AC Power, >2EDG | 2Q/02       | 3Q/02       | 4Q/02       | 1Q/03       | 2Q/03       | 3Q/03       | 4Q/03       | 1Q/04       |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 6.95        | 82.40       | 1.13        | 33.00       | 21.60       | 43.63       | 7.52        | 0.50        |
| Unplanned unavailable hours                             | 0           | 28.00       | 0           | 0           | 51.15       | 0           | 0           | 0           |
| Fault exposure hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2184.00     |
| <b>Train 2</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 72.72       | 1.00        | 1.00        | 69.53       | 23.13       | 7.30        | 15.66       | 83.49       |
| Unplanned unavailable hours                             | 0           | 0           | 0           | 0           | 0.87        | 0           | 0           | 0           |
| Fault exposure hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2184.00     |
| <b>Train 3</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 1.25        | 0.75        | 0.98        | 1.12        | 104.83      | 0.75        | 45.03       | 0.75        |
| Unplanned unavailable hours                             | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Fault exposure hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2184.00     |
| <b>Indicator value</b>                                  | <b>1.6%</b> | <b>1.6%</b> | <b>1.4%</b> | <b>1.4%</b> | <b>1.5%</b> | <b>1.6%</b> | <b>1.6%</b> | <b>1.6%</b> |

Licensee Comments: none

## Safety System Unavailability, High Pressure Injection System (HPCS)



Thresholds: White > 1.5% Yellow > 4.0% Red > 20.0%

### Notes

| Safety System Unavailability, High Pressure Injection System (HPCS) | 2Q/02       | 3Q/02       | 4Q/02       | 1Q/03       | 2Q/03       | 3Q/03       | 4Q/03       | 1Q/04       |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours   | 0           | 0           | 0           | 0           | 62.85       | 0           | 20.57       | 0           |
| Unplanned unavailable hours   | 0           | 0           | 0.60        | 0           | 0           | 0           | 0           | 0           |
| Fault exposure hours  | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 1991.80     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2179.80     | 1489.03     |
| <b>Indicator value</b>  | <b>0.9%</b> | <b>0.9%</b> | <b>0.8%</b> | <b>0.7%</b> | <b>1.0%</b> | <b>0.9%</b> | <b>1.0%</b> | <b>1.0%</b> |

Licensee Comments: none

## Safety System Unavailability, Heat Removal System (RCIC)



Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

### Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 2Q/02       | 3Q/02       | 4Q/02       | 1Q/03       | 2Q/03       | 3Q/03       | 4Q/03       | 1Q/04       |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                | 33.70       | 61.30       | 15.90       | 0.30        | 40.40       | 15.12       | 37.50       | 18.03       |
| Unplanned unavailable hours                              | 0           | 20.10       | 0.40        | 0           | 6.60        | 9.10        | 0           | 2.12        |
| Fault exposure hours                                     | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 1991.80     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2179.80     | 1489.03     |
| <b>Indicator value</b>                                   | <b>1.8%</b> | <b>1.8%</b> | <b>1.8%</b> | <b>1.7%</b> | <b>1.4%</b> | <b>1.5%</b> | <b>1.6%</b> | <b>1.4%</b> |

Licensee Comments: none

## Safety System Unavailability, Residual Heat Removal System

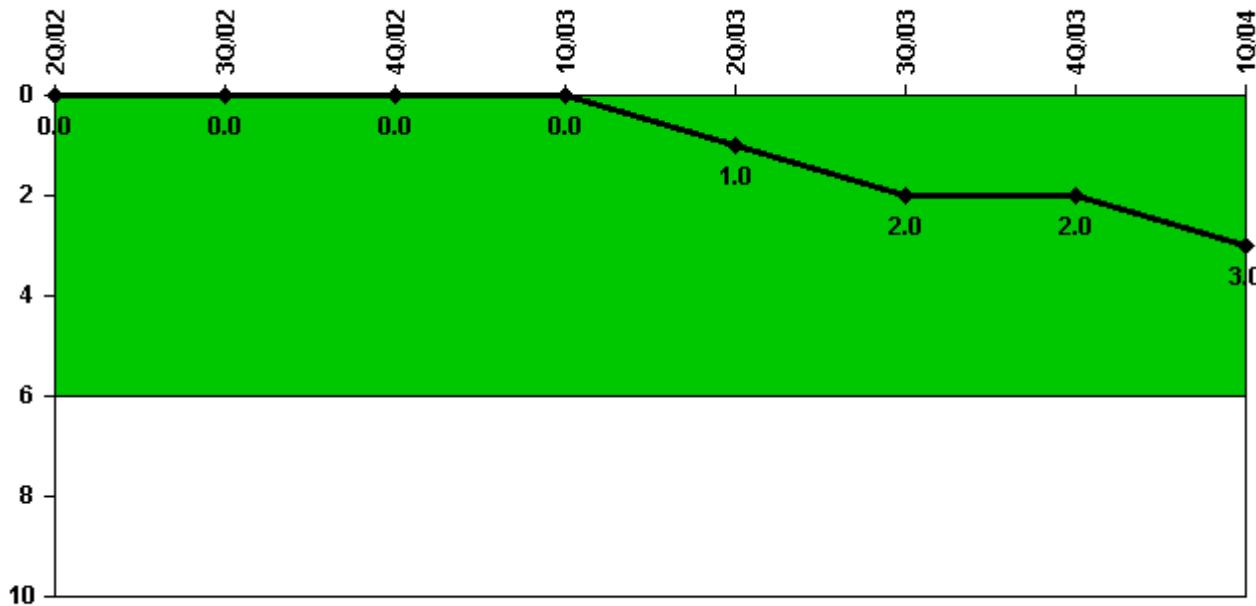


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

### Notes

| Safety System Unavailability, Residual Heat Removal System | 2Q/02       | 3Q/02       | 4Q/02       | 1Q/03       | 2Q/03       | 3Q/03       | 4Q/03       | 1Q/04       |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                  | 2.30        | 42.00       | 11.40       | 0           | 45.40       | 0           | 0           | 0           |
| Unplanned unavailable hours                                | 0           | 20.10       | 0.30        | 0           | 0           | 0           | 0           | 11.87       |
| Fault exposure hours                                       | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                      | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2184.00     |
| <b>Train 2</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                  | 9.40        | 16.80       | 0           | 0           | 13.70       | 17.30       | 0           | 14.49       |
| Unplanned unavailable hours                                | 0           | 0           | 1.10        | 0.80        | 1.00        | 0           | 0           | 0           |
| Fault exposure hours                                       | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                      | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2184.00     |
| <b>Indicator value</b>                                     | <b>1.4%</b> | <b>1.5%</b> | <b>0.9%</b> | <b>0.8%</b> | <b>0.8%</b> | <b>0.8%</b> | <b>0.8%</b> | <b>0.7%</b> |

Licensee Comments: none

**Safety System Functional Failures (BWR)**

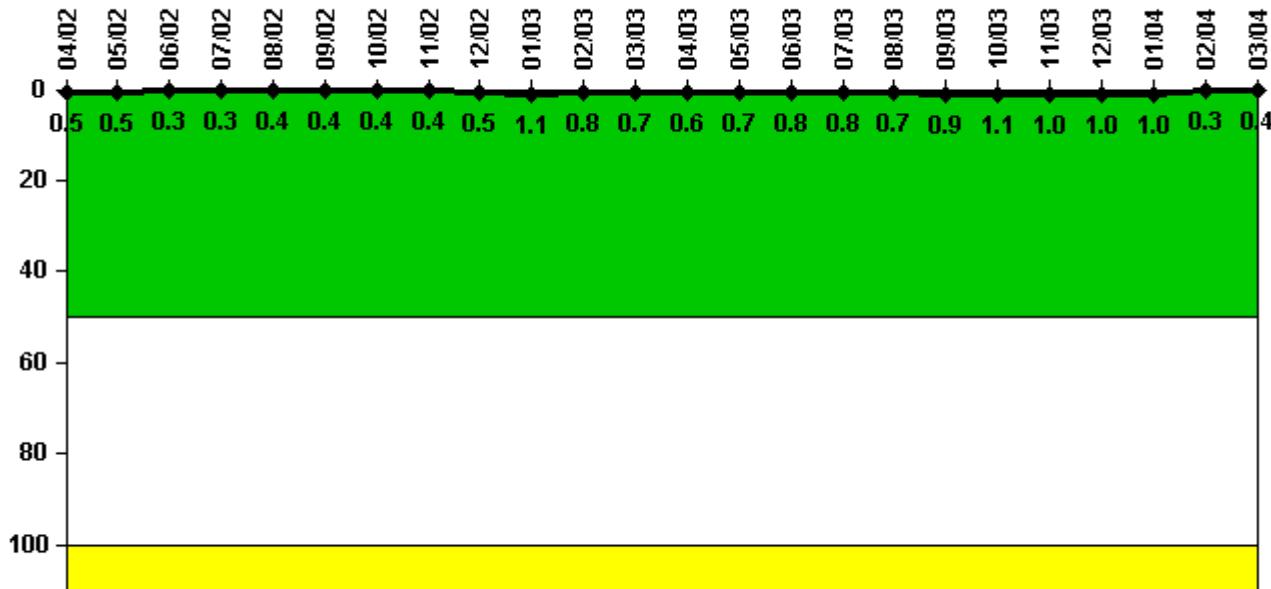
Thresholds: White > 6.0

**Notes**

| Safety System Functional Failures (BWR) | 2Q/02    | 3Q/02    | 4Q/02    | 1Q/03    | 2Q/03    | 3Q/03    | 4Q/03    | 1Q/04    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Safety System Functional Failures       | 0        | 0        | 0        | 0        | 1        | 1        | 0        | 1        |
| Indicator value                         | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>1</b> | <b>2</b> | <b>2</b> | <b>3</b> |

Licensee Comments: none

## Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

### Notes

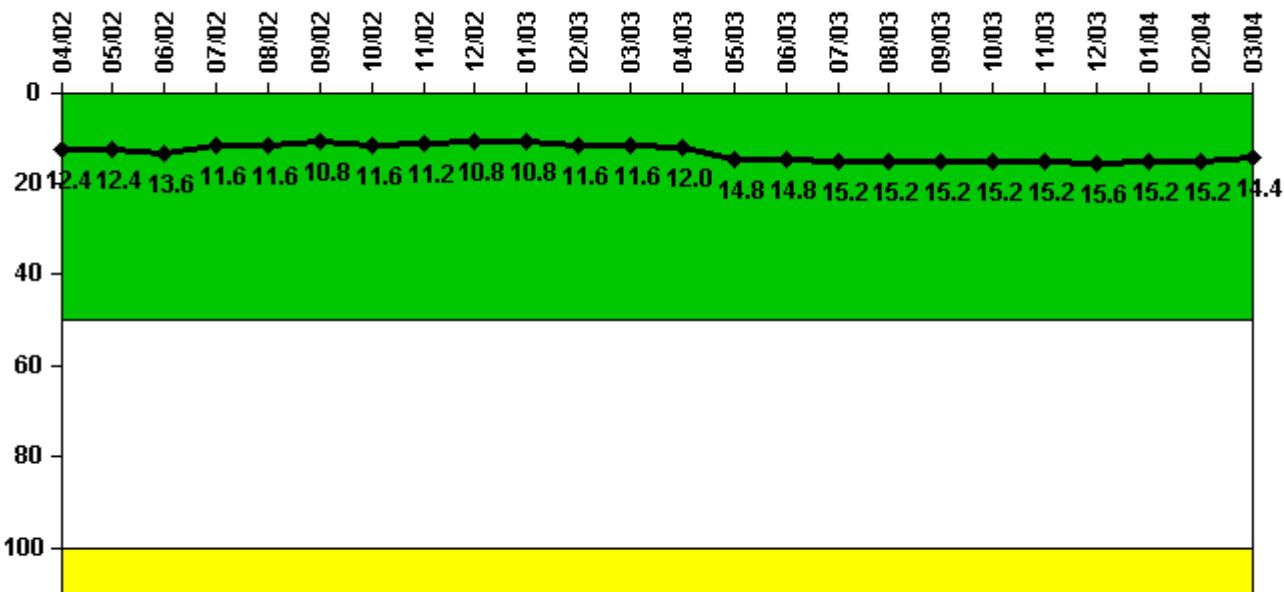
| Reactor Coolant System Activity | 4/02       | 5/02       | 6/02       | 7/02       | 8/02       | 9/02       | 10/02      | 11/02      | 12/02      | 1/03       | 2/03       | 3/03       |
|---------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Maximum activity                | 0.001090   | 0.001090   | 0.000678   | 0.000685   | 0.000764   | 0.000771   | 0.000804   | 0.000800   | 0.000912   | 0.002110   | 0.001690   | 0.001350   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| Indicator value                 | <b>0.5</b> | <b>0.5</b> | <b>0.3</b> | <b>0.3</b> | <b>0.4</b> | <b>0.4</b> | <b>0.4</b> | <b>0.4</b> | <b>0.5</b> | <b>1.1</b> | <b>0.8</b> | <b>0.7</b> |

| Reactor Coolant System Activity | 4/03       | 5/03       | 6/03       | 7/03       | 8/03       | 9/03       | 10/03      | 11/03      | 12/03      | 1/04       | 2/04       | 3/04       |
|---------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Maximum activity                | 0.001140   | 0.001310   | 0.001550   | 0.001610   | 0.001480   | 0.001810   | 0.002250   | 0.001950   | 0.002030   | 0.001920   | 0.000680   | 0.000898   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| Indicator value                 | <b>0.6</b> | <b>0.7</b> | <b>0.8</b> | <b>0.8</b> | <b>0.7</b> | <b>0.9</b> | <b>1.1</b> | <b>1.0</b> | <b>1.0</b> | <b>1.0</b> | <b>0.3</b> | <b>0.4</b> |

Licensee Comments: none

## Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

### Notes

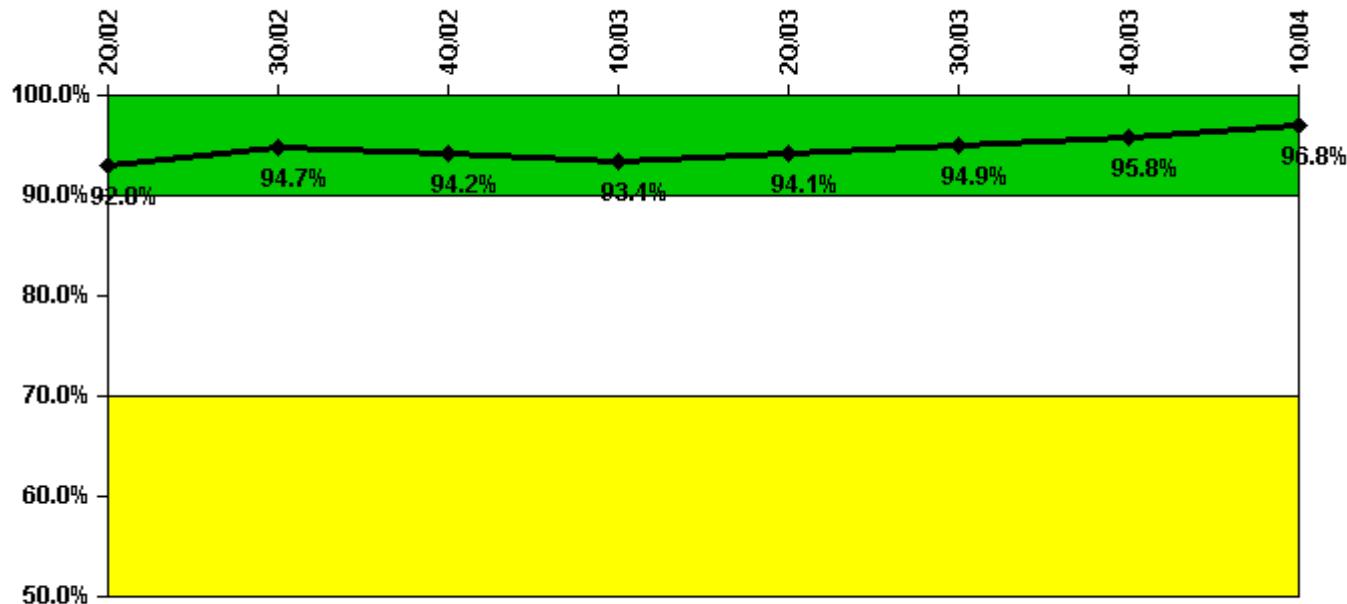
| Reactor Coolant System Leakage | 4/02        | 5/02        | 6/02        | 7/02        | 8/02        | 9/02        | 10/02       | 11/02       | 12/02       | 1/03        | 2/03        | 3/03        |
|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Maximum leakage                | 3.100       | 3.100       | 3.400       | 2.900       | 2.900       | 2.700       | 2.900       | 2.800       | 2.700       | 2.700       | 2.900       | 2.900       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| Indicator value                | <b>12.4</b> | <b>12.4</b> | <b>13.6</b> | <b>11.6</b> | <b>11.6</b> | <b>10.8</b> | <b>11.6</b> | <b>11.2</b> | <b>10.8</b> | <b>10.8</b> | <b>11.6</b> | <b>11.6</b> |

| Reactor Coolant System Leakage | 4/03        | 5/03        | 6/03        | 7/03        | 8/03        | 9/03        | 10/03       | 11/03       | 12/03       | 1/04        | 2/04        | 3/04        |
|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Maximum leakage                | 3.000       | 3.700       | 3.700       | 3.800       | 3.800       | 3.800       | 3.800       | 3.800       | 3.900       | 3.800       | 3.800       | 3.600       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| Indicator value                | <b>12.0</b> | <b>14.8</b> | <b>14.8</b> | <b>15.2</b> | <b>15.2</b> | <b>15.2</b> | <b>15.2</b> | <b>15.2</b> | <b>15.6</b> | <b>15.2</b> | <b>15.2</b> | <b>14.4</b> |

Licensee Comments: none

### Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

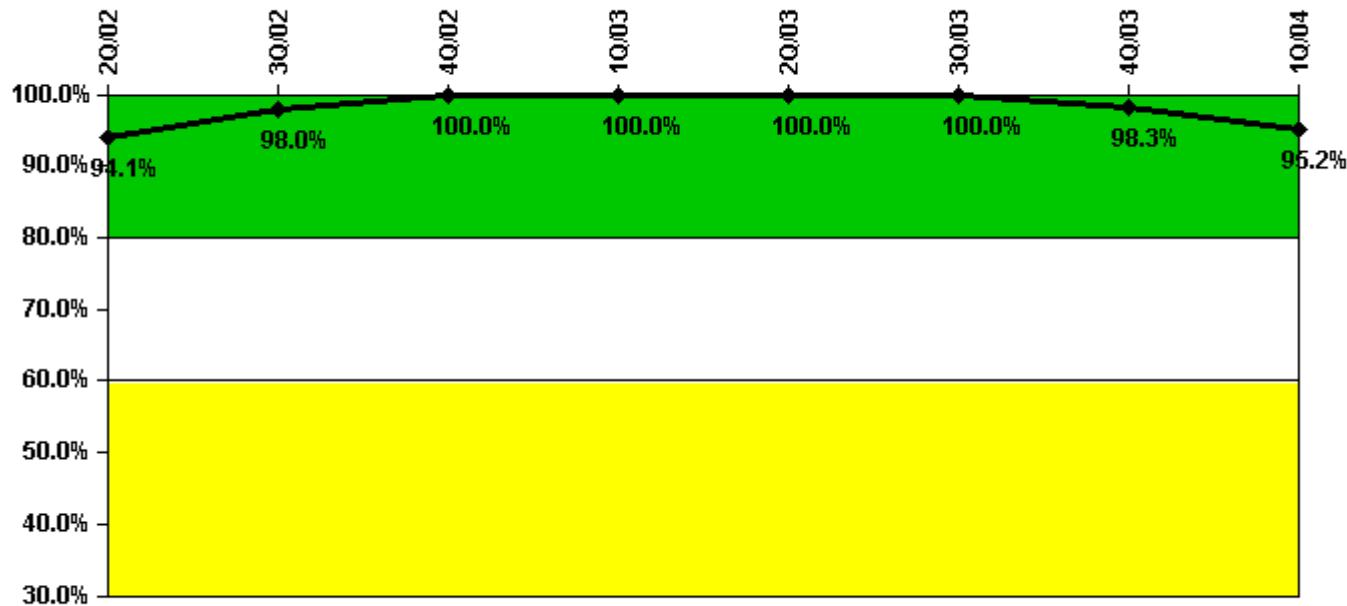
| Drill/Exercise Performance | 2Q/02        | 3Q/02        | 4Q/02        | 1Q/03        | 2Q/03        | 3Q/03        | 4Q/03        | 1Q/04        |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful opportunities   | 11.0         | 47.0         | 17.0         | 13.0         | 46.0         | 45.0         | 32.0         | 30.0         |
| Total opportunities        | 12.0         | 48.0         | 18.0         | 14.0         | 47.0         | 48.0         | 32.0         | 30.0         |
| <b>Indicator value</b>     | <b>92.8%</b> | <b>94.7%</b> | <b>94.2%</b> | <b>93.4%</b> | <b>94.1%</b> | <b>94.9%</b> | <b>95.8%</b> | <b>96.8%</b> |

#### Licensee Comments:

3Q/03: The July 2003 submittal for EP01 was changed from 20 successful opportunities out of 21 total opportunities to 21 of 22. An additional success was identified during a subsequent self-assessment. This issue has been entered into the Corrective Action Program.

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### ERO Drill Participation



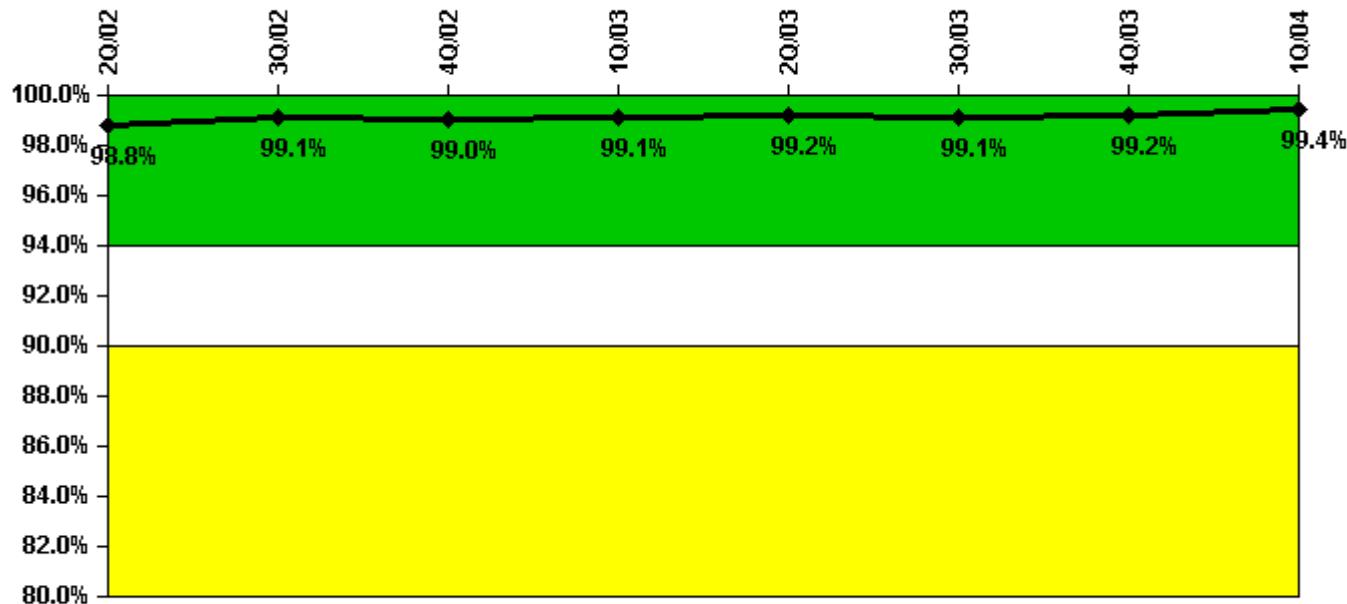
Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

| ERO Drill Participation     | 2Q/02        | 3Q/02        | 4Q/02         | 1Q/03         | 2Q/03         | 3Q/03         | 4Q/03        | 1Q/04        |
|-----------------------------|--------------|--------------|---------------|---------------|---------------|---------------|--------------|--------------|
| Participating Key personnel | 48.0         | 50.0         | 51.0          | 54.0          | 53.0          | 56.0          | 57.0         | 59.0         |
| Total Key personnel         | 51.0         | 51.0         | 51.0          | 54.0          | 53.0          | 56.0          | 58.0         | 62.0         |
| Indicator value             | <b>94.1%</b> | <b>98.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>98.3%</b> | <b>95.2%</b> |

Licensee Comments: none

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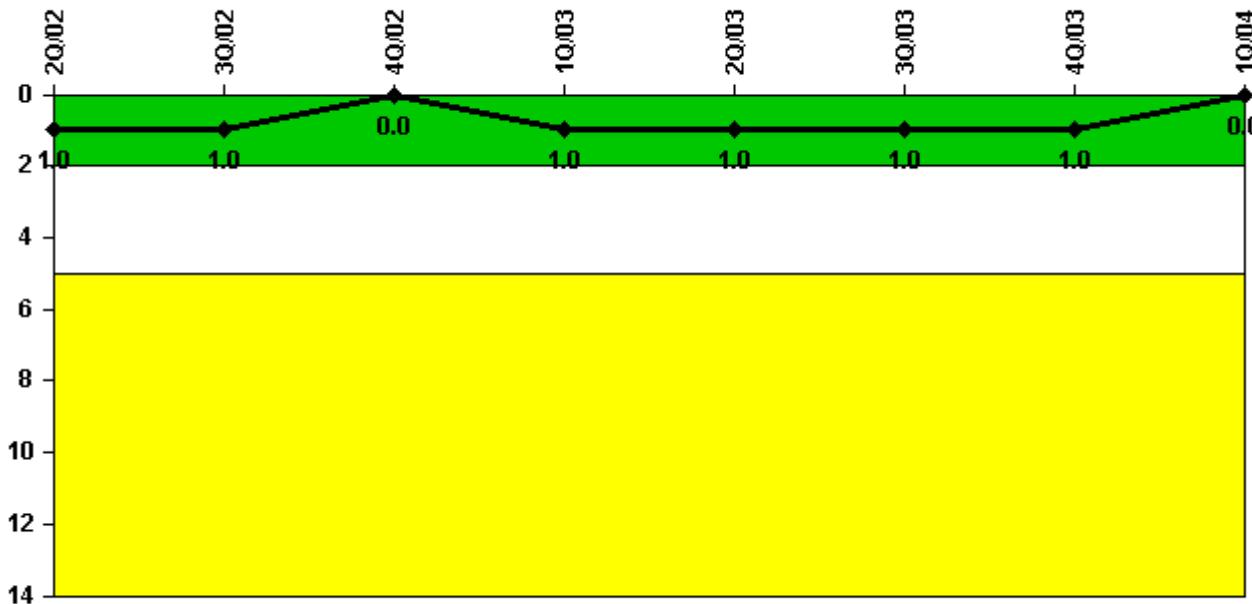
**Alert & Notification System**

Thresholds: White < 94.0% Yellow < 90.0%

**Notes**

| Alert & Notification System | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests      | 2150  | 2160  | 2489  | 3129  | 3173  | 3159  | 3192  | 3194  |
| Total sirens-tests          | 2176  | 2176  | 2512  | 3150  | 3200  | 3200  | 3200  | 3200  |
| Indicator value             | 98.8% | 99.1% | 99.0% | 99.1% | 99.2% | 99.1% | 99.2% | 99.4% |

Licensee Comments: none

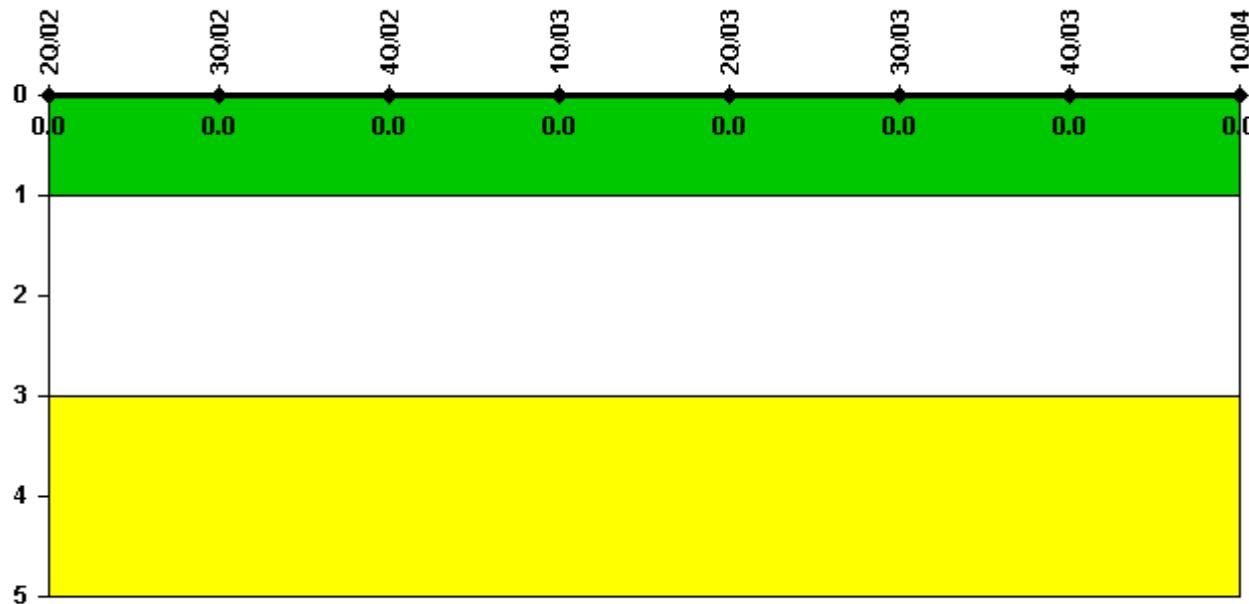
**Occupational Exposure Control Effectiveness**

Thresholds: White > 2.0 Yellow > 5.0

**Notes**

| Occupational Exposure Control Effectiveness | 2Q/02    | 3Q/02    | 4Q/02    | 1Q/03    | 2Q/03    | 3Q/03    | 4Q/03    | 1Q/04    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>1</b> | <b>1</b> | <b>0</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>0</b> |

Licensee Comments: none

**RETS/ODCM Radiological Effluent**

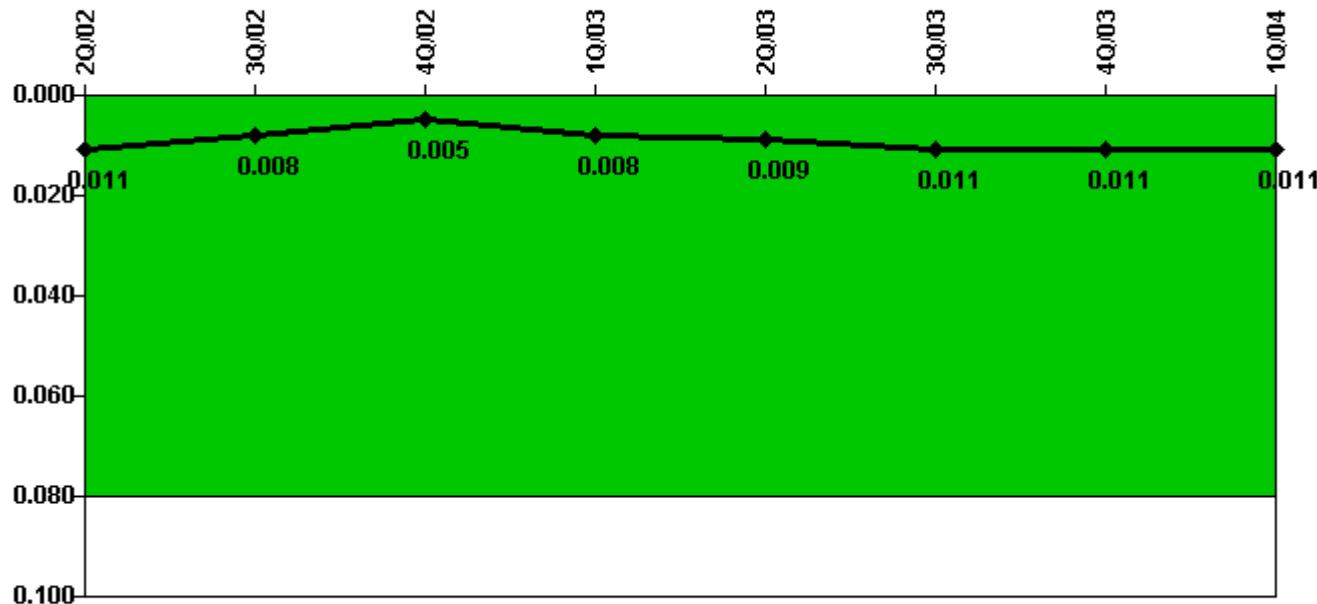
Thresholds: White > 1.0 Yellow > 3.0

**Notes**

| RETS/ODCM Radiological Effluent | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

## Protected Area Security Performance Index



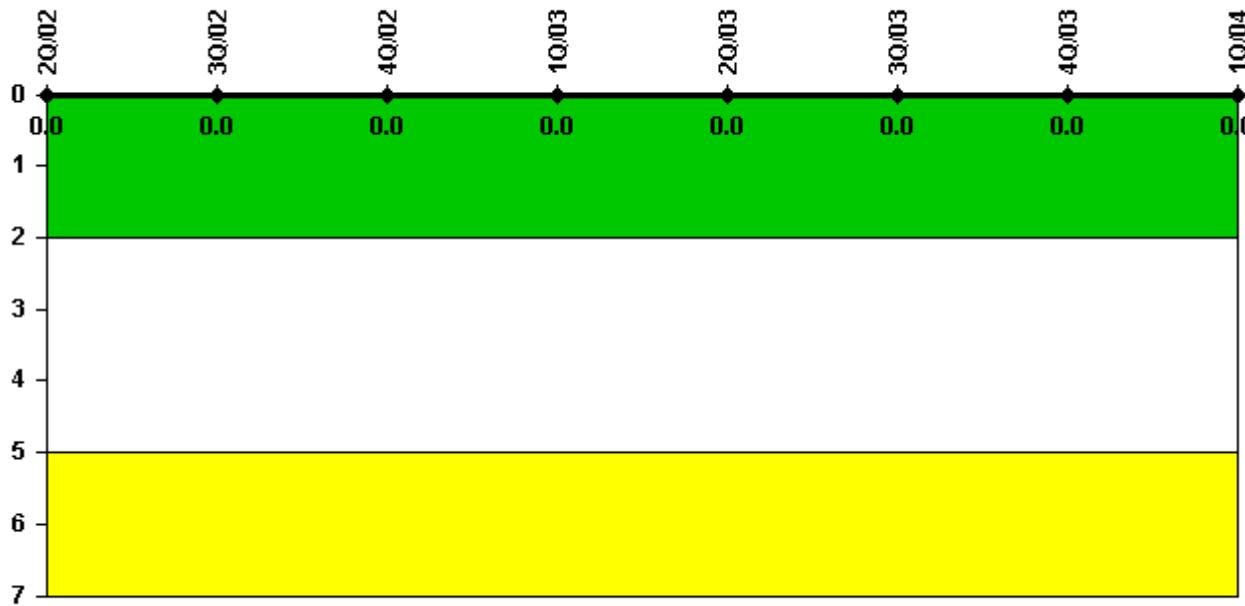
Thresholds: White > 0.080

### Notes

| Protected Area Security Performance Index | 2Q/02        | 3Q/02        | 4Q/02        | 1Q/03        | 2Q/03        | 3Q/03        | 4Q/03        | 1Q/04        |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| IDS compensatory hours                    | 11.50        | 36.40        | 42.60        | 49.40        | 47.70        | 23.90        | 43.50        | 45.80        |
| CCTV compensatory hours                   | 4.7          | 2.8          | 0            | 8.5          | 4.7          | 48.9         | 0            | 3.2          |
| IDS normalization factor                  | 1.20         | 1.20         | 1.20         | 1.20         | 1.20         | 1.20         | 1.20         | 1.20         |
| CCTV normalization factor                 | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          | 1.1          |
| <b>Index Value</b>                        | <b>0.011</b> | <b>0.008</b> | <b>0.005</b> | <b>0.008</b> | <b>0.009</b> | <b>0.011</b> | <b>0.011</b> | <b>0.011</b> |

### Licensee Comments:

1Q/04: CCTVs were added during the 4th quarter 2003 to make the current total 33. The CCTV Normalization Factor increased to 1.1 beginning in the 1st quarter 2004.

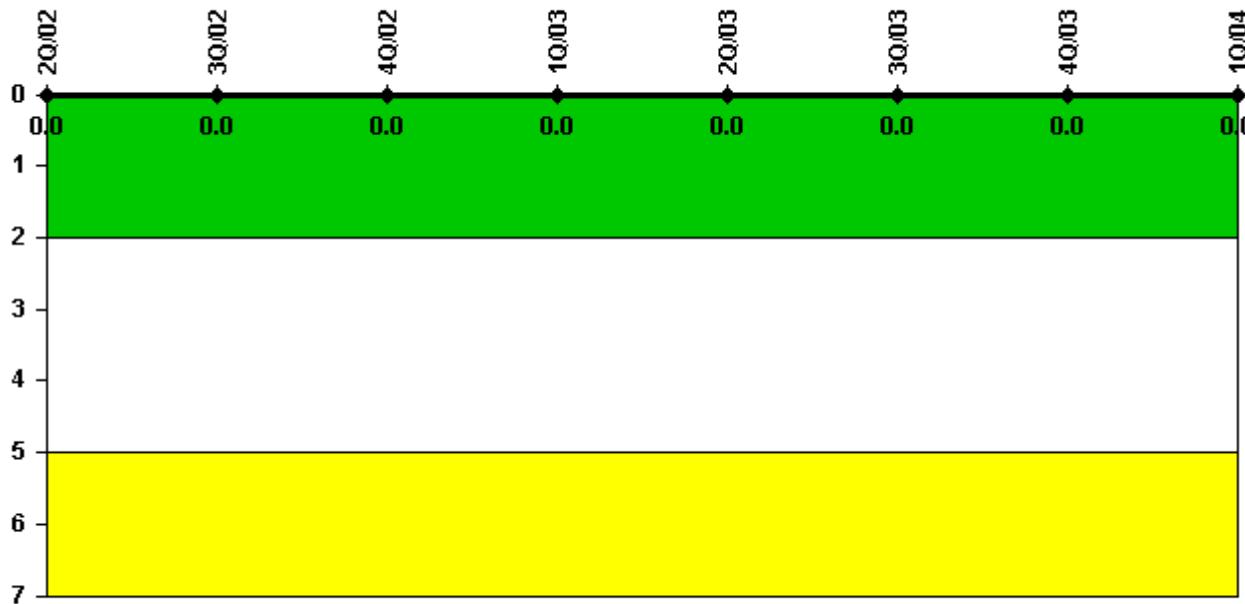
**Personnel Screening Program**

Thresholds: White > 2.0 Yellow > 5.0

**Notes**

| Personnel Screening Program | 2Q/02    | 3Q/02    | 4Q/02    | 1Q/03    | 2Q/03    | 3Q/03    | 4Q/03    | 1Q/04    |
|-----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Program failures            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Indicator value             | <b>0</b> |

Licensee Comments: none

**FFD/Personnel Reliability**

Thresholds: White > 2.0 Yellow > 5.0

**Notes**

| FFD/Personnel Reliability | 2Q/02    | 3Q/02    | 4Q/02    | 1Q/03    | 2Q/03    | 3Q/03    | 4Q/03    | 1Q/04    |
|---------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Program Failures          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Indicator value           | <b>0</b> |

Licensee Comments: none



[PI Summary](#) | [Inspection Findings Summary](#) | [Reactor Oversight Process](#)

Last Modified: April 22, 2004

**La Salle 1****2Q/2004 Performance Indicators**

Licensee's General Comments: none

**Unplanned Scrams per 7000 Critical Hrs**

Thresholds: White &gt; 3.0 Yellow &gt; 6.0 Red &gt; 25.0

**Notes**

| Unplanned Scrams per 7000 Critical Hrs | 3Q/02    | 4Q/02    | 1Q/03    | 2Q/03    | 3Q/03    | 4Q/03      | 1Q/04      | 2Q/04      |
|--|----------|----------|----------|----------|----------|------------|------------|------------|
| Unplanned scrams                       | 0        | 0        | 0        | 0        | 0        | 1.0        | 0          | 0          |
| Critical hours                         | 2208.0   | 2209.0   | 2160.0   | 2183.0   | 2208.0   | 2179.8     | 1489.1     | 2183.0     |
| <b>Indicator value</b>                 | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0.8</b> | <b>0.9</b> | <b>0.9</b> |

Licensee Comments: none

**Scrams with Loss of Normal Heat Removal**

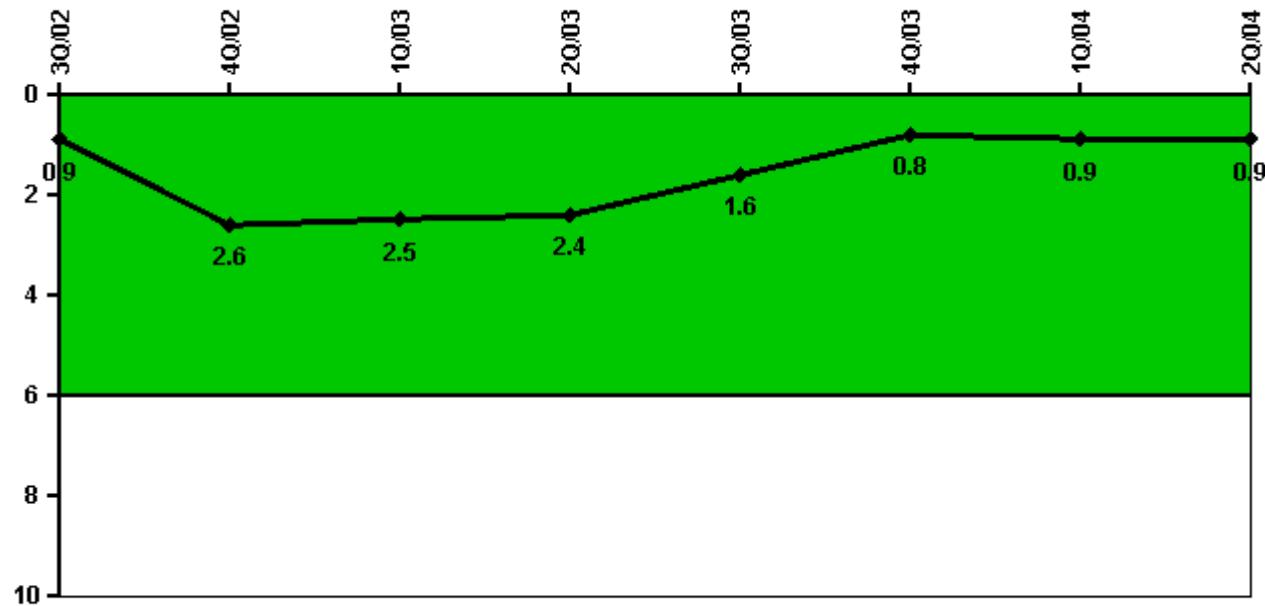
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

**Notes**

| Scrams with Loss of Normal Heat Removal | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams                                  | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                         | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

### Unplanned Power Changes per 7000 Critical Hrs



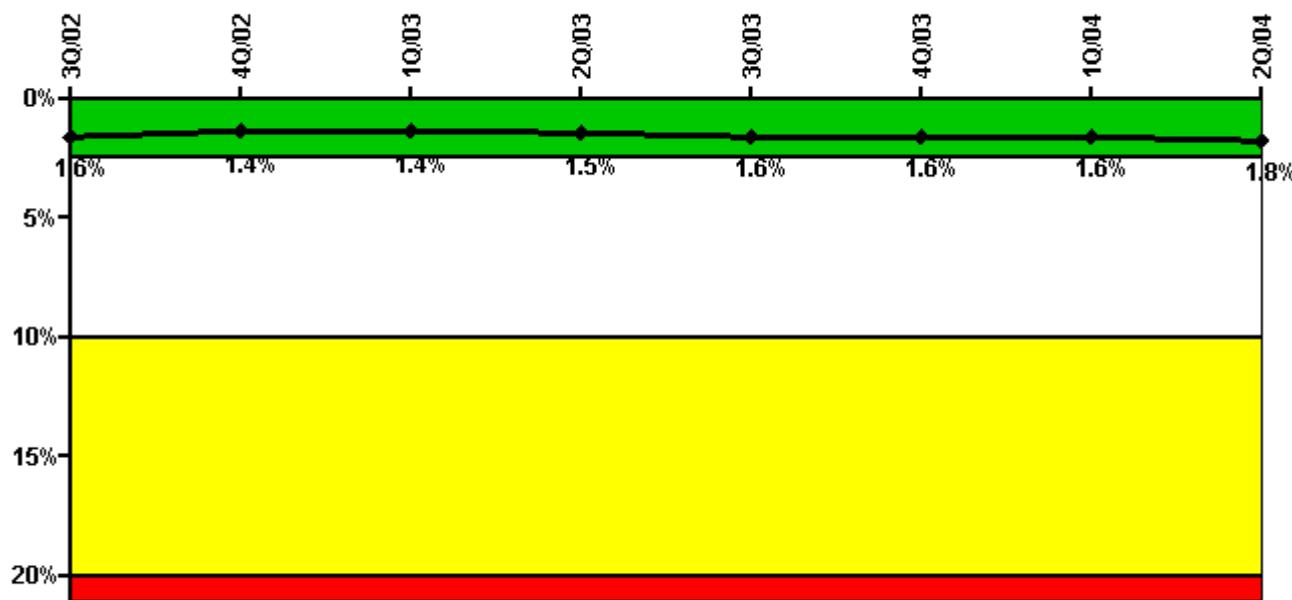
Thresholds: White > 6.0

#### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 3Q/02      | 4Q/02      | 1Q/03      | 2Q/03      | 3Q/03      | 4Q/03      | 1Q/04      | 2Q/04      |
|---|------------|------------|------------|------------|------------|------------|------------|------------|
| Unplanned power changes                       | 1.0        | 2.0        | 0          | 0          | 0          | 1.0        | 0          | 0          |
| Critical hours                                | 2208.0     | 2209.0     | 2160.0     | 2183.0     | 2208.0     | 2179.8     | 1489.1     | 2183.0     |
| <b>Indicator value</b>                        | <b>0.9</b> | <b>2.6</b> | <b>2.5</b> | <b>2.4</b> | <b>1.6</b> | <b>0.8</b> | <b>0.9</b> | <b>0.9</b> |

Licensee Comments: none

## Safety System Unavailability, Emergency AC Power, >2EDG



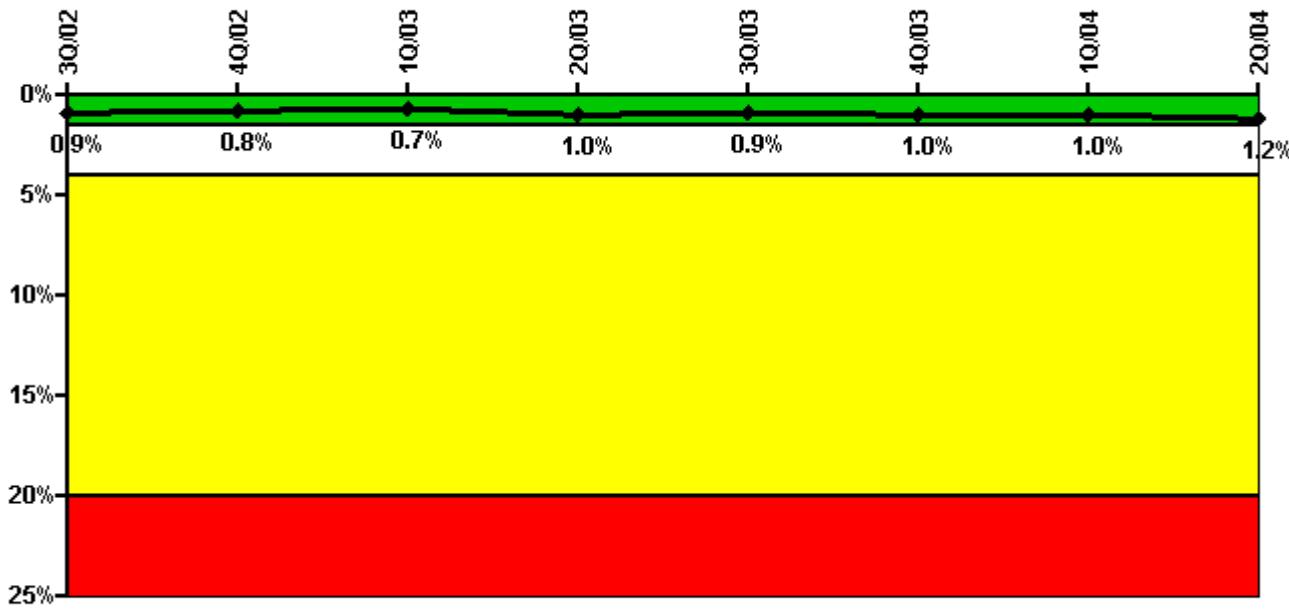
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

### Notes

| Safety System Unavailability, Emergency AC Power, >2EDG | 3Q/02       | 4Q/02       | 1Q/03       | 2Q/03       | 3Q/03       | 4Q/03       | 1Q/04       | 2Q/04       |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 82.40       | 1.13        | 33.00       | 21.60       | 43.63       | 7.52        | 0.50        | 58.03       |
| Unplanned unavailable hours                             | 28.00       | 0           | 0           | 51.15       | 0           | 0           | 0           | 0           |
| Fault exposure hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2184.00     | 2183.00     |
| <b>Train 2</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 1.00        | 1.00        | 69.53       | 23.13       | 7.30        | 15.66       | 83.49       | 0.75        |
| Unplanned unavailable hours                             | 0           | 0           | 0           | 0.87        | 0           | 0           | 0           | 0           |
| Fault exposure hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2184.00     | 2183.00     |
| <b>Train 3</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 0.75        | 0.98        | 1.12        | 104.83      | 0.75        | 45.03       | 0.75        | 91.30       |
| Unplanned unavailable hours                             | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Fault exposure hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2184.00     | 2183.00     |
| <b>Indicator value</b>                                  | <b>1.6%</b> | <b>1.4%</b> | <b>1.4%</b> | <b>1.5%</b> | <b>1.6%</b> | <b>1.6%</b> | <b>1.6%</b> | <b>1.8%</b> |

Licensee Comments: none

## Safety System Unavailability, High Pressure Injection System (HPCS)



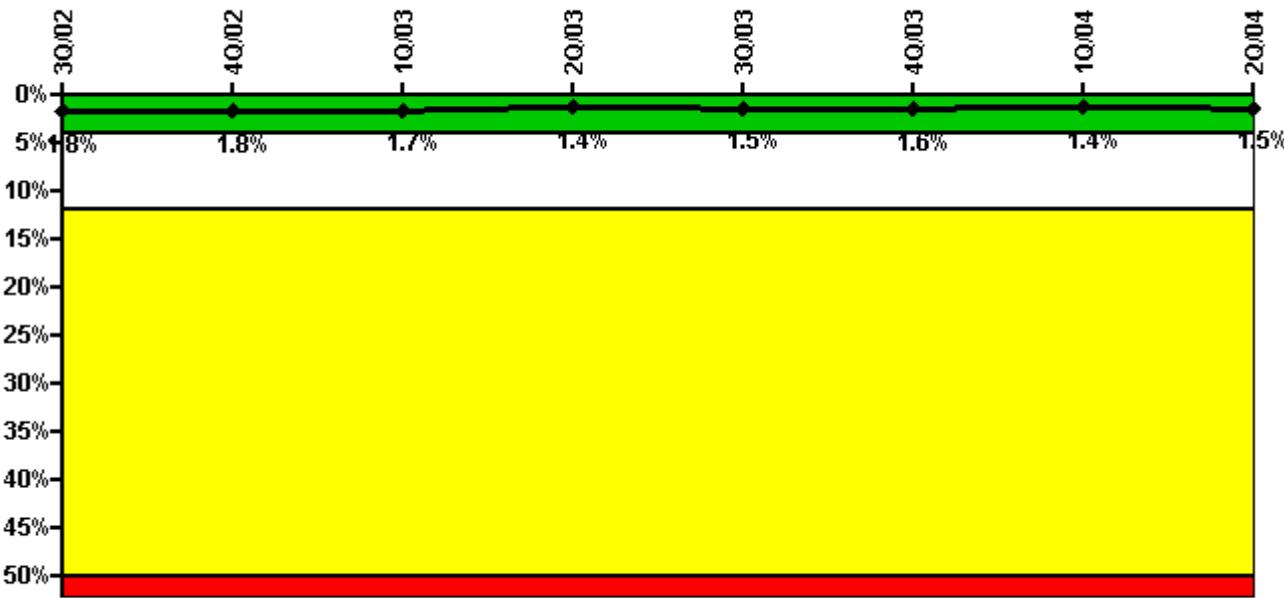
Thresholds: White > 1.5% Yellow > 4.0% Red > 20.0%

### Notes

| Safety System Unavailability, High Pressure Injection System (HPCS) | 3Q/02       | 4Q/02       | 1Q/03       | 2Q/03       | 3Q/03       | 4Q/03       | 1Q/04       | 2Q/04       |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours   | 0           | 0           | 0           | 62.85       | 0           | 20.57       | 0           | 85.17       |
| Unplanned unavailable hours   | 0           | 0.60        | 0           | 0           | 0           | 0           | 0           | 0           |
| Fault exposure hours  | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2179.80     | 1489.03     | 2183.00     |
| <b>Indicator value</b>  | <b>0.9%</b> | <b>0.8%</b> | <b>0.7%</b> | <b>1.0%</b> | <b>0.9%</b> | <b>1.0%</b> | <b>1.0%</b> | <b>1.2%</b> |

Licensee Comments: none

## Safety System Unavailability, Heat Removal System (RCIC)



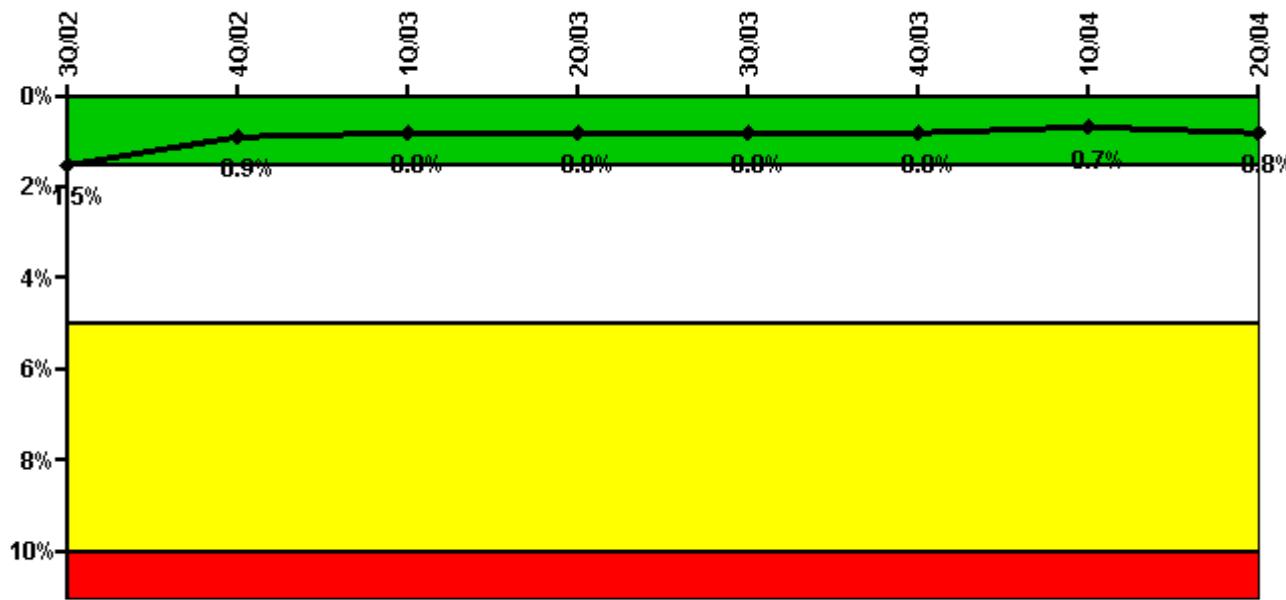
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

### Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 3Q/02       | 4Q/02       | 1Q/03       | 2Q/03       | 3Q/03       | 4Q/03       | 1Q/04       | 2Q/04       |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                | 61.30       | 15.90       | 0.30        | 40.40       | 15.12       | 37.50       | 18.03       | 16.95       |
| Unplanned unavailable hours                              | 20.10       | 0.40        | 0           | 6.60        | 9.10        | 0           | 2.12        | 0           |
| Fault exposure hours                                     | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2179.80     | 1489.03     | 2183.00     |
| <b>Indicator value</b>                                   | <b>1.8%</b> | <b>1.8%</b> | <b>1.7%</b> | <b>1.4%</b> | <b>1.5%</b> | <b>1.6%</b> | <b>1.4%</b> | <b>1.5%</b> |

Licensee Comments: none

## Safety System Unavailability, Residual Heat Removal System



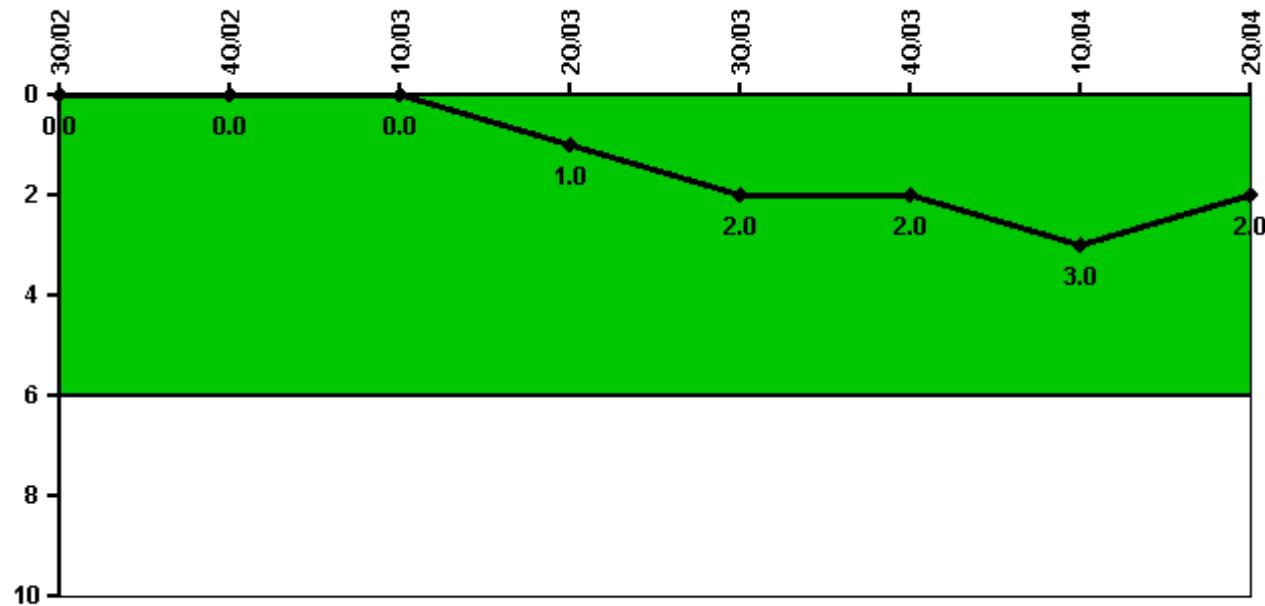
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

### Notes

| Safety System Unavailability, Residual Heat Removal System | 3Q/02       | 4Q/02       | 1Q/03       | 2Q/03       | 3Q/03       | 4Q/03       | 1Q/04       | 2Q/04       |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                  | 42.00       | 11.40       | 0           | 45.40       | 0           | 0           | 0           | 13.27       |
| Unplanned unavailable hours                                | 20.10       | 0.30        | 0           | 0           | 0           | 0           | 11.87       | 0           |
| Fault exposure hours                                       | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                      | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2184.00     | 2183.00     |
| <b>Train 2</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                  | 16.80       | 0           | 0           | 13.70       | 17.30       | 0           | 14.49       | 32.97       |
| Unplanned unavailable hours                                | 0           | 1.10        | 0.80        | 1.00        | 0           | 0           | 0           | 0           |
| Fault exposure hours                                       | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                      | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2184.00     | 2183.00     |
| <b>Indicator value</b>                                     | <b>1.5%</b> | <b>0.9%</b> | <b>0.8%</b> | <b>0.8%</b> | <b>0.8%</b> | <b>0.8%</b> | <b>0.7%</b> | <b>0.8%</b> |

Licensee Comments: none

## Safety System Functional Failures (BWR)



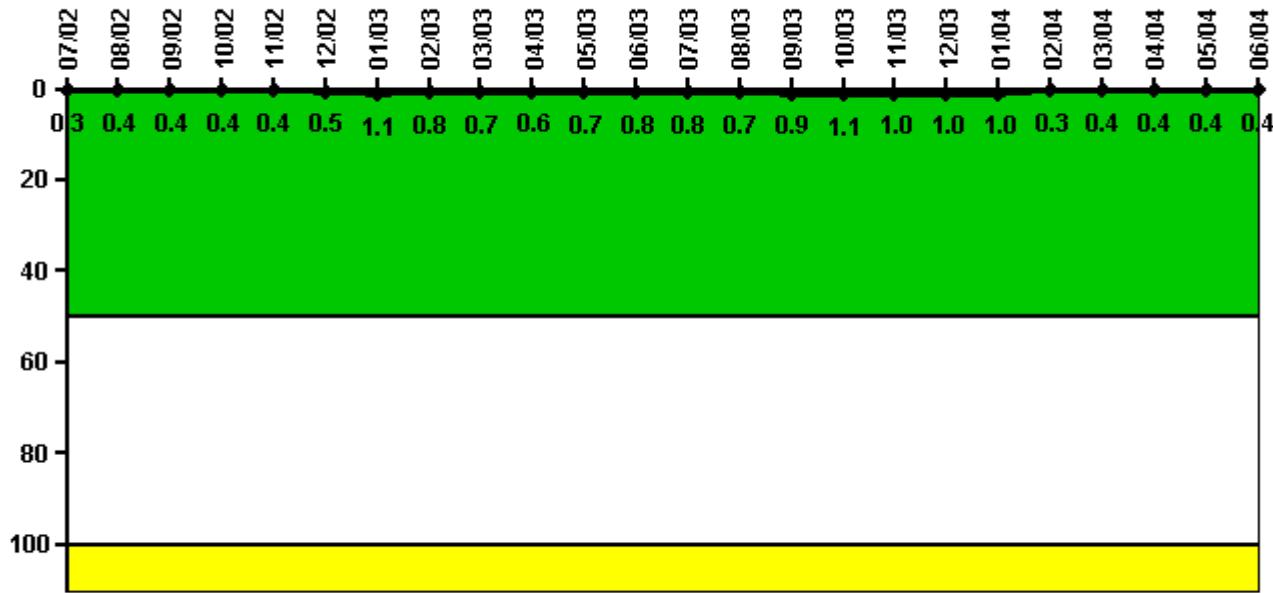
Thresholds: White > 6.0

### Notes

| Safety System Functional Failures (BWR) | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures       | 0     | 0     | 0     | 1     | 1     | 0     | 1     | 0     |
| Indicator value                         | 0     | 0     | 0     | 1     | 2     | 2     | 3     | 2     |

Licensee Comments: none

## Reactor Coolant System Activity



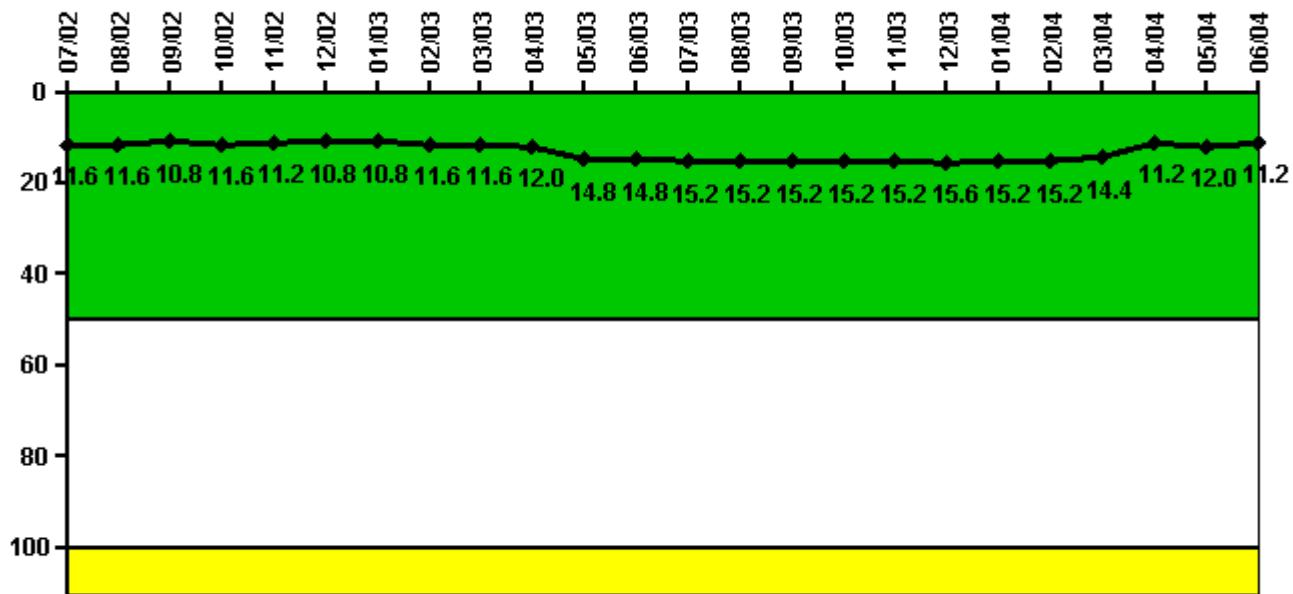
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Activity | 7/02       | 8/02       | 9/02       | 10/02      | 11/02      | 12/02      | 1/03       | 2/03       | 3/03       | 4/03       | 5/03       | 6/03       |
|---------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Maximum activity                | 0.000685   | 0.000764   | 0.000771   | 0.000804   | 0.000800   | 0.000912   | 0.002110   | 0.001690   | 0.001350   | 0.001140   | 0.001310   | 0.001550   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| <b>Indicator value</b>          | <b>0.3</b> | <b>0.4</b> | <b>0.4</b> | <b>0.4</b> | <b>0.4</b> | <b>0.5</b> | <b>1.1</b> | <b>0.8</b> | <b>0.7</b> | <b>0.6</b> | <b>0.7</b> | <b>0.8</b> |
| Reactor Coolant System Activity | 7/03       | 8/03       | 9/03       | 10/03      | 11/03      | 12/03      | 1/04       | 2/04       | 3/04       | 4/04       | 5/04       | 6/04       |
| Maximum activity                | 0.001610   | 0.001480   | 0.001810   | 0.002250   | 0.001950   | 0.002030   | 0.001920   | 0.000680   | 0.000898   | 0.000854   | 0.000748   | 0.000809   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| <b>Indicator value</b>          | <b>0.8</b> | <b>0.7</b> | <b>0.9</b> | <b>1.1</b> | <b>1.0</b> | <b>1.0</b> | <b>1.0</b> | <b>0.3</b> | <b>0.4</b> | <b>0.4</b> | <b>0.4</b> | <b>0.4</b> |

Licensee Comments: none

## Reactor Coolant System Leakage



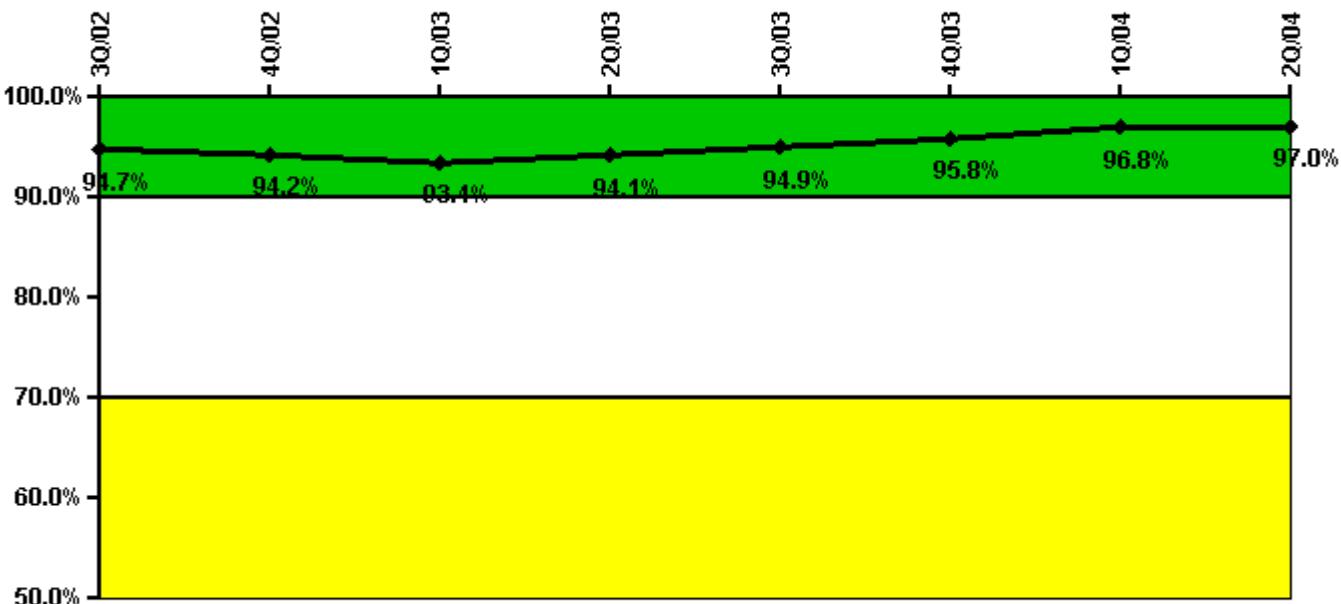
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Leakage | 7/02  | 8/02  | 9/02  | 10/02 | 11/02 | 12/02 | 1/03  | 2/03  | 3/03  | 4/03  | 5/03  | 6/03  |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage                | 2.900 | 2.900 | 2.700 | 2.900 | 2.800 | 2.700 | 2.700 | 2.900 | 2.900 | 3.000 | 3.700 | 3.700 |
| Indicator value                | 11.6  | 11.6  | 10.8  | 11.6  | 11.2  | 10.8  | 10.8  | 11.6  | 11.6  | 12.0  | 14.8  | 14.8  |
| Reactor Coolant System Leakage | 7/03  | 8/03  | 9/03  | 10/03 | 11/03 | 12/03 | 1/04  | 2/04  | 3/04  | 4/04  | 5/04  | 6/04  |
| Maximum leakage                | 3.800 | 3.800 | 3.800 | 3.800 | 3.800 | 3.900 | 3.800 | 3.800 | 3.600 | 2.800 | 3.000 | 2.800 |
| Technical specification limit  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  |
| Indicator value                | 15.2  | 15.2  | 15.2  | 15.2  | 15.2  | 15.6  | 15.2  | 15.2  | 14.4  | 11.2  | 12.0  | 11.2  |

Licensee Comments: none

### Drill/Exercise Performance



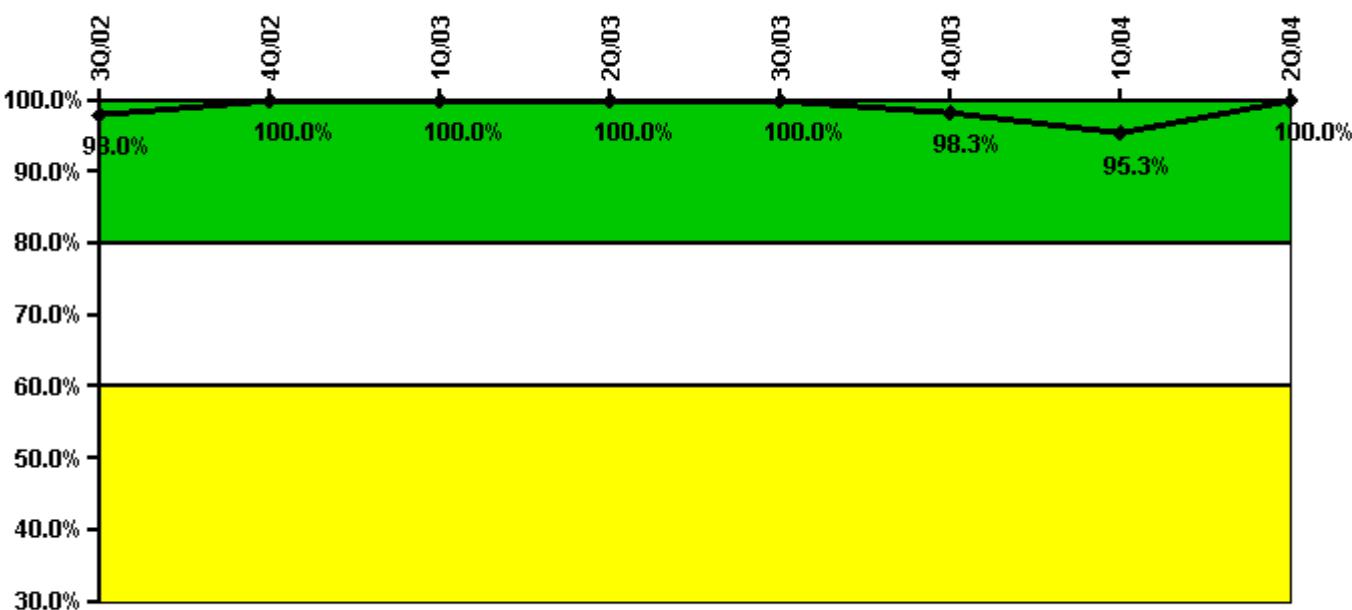
Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

| Drill/Exercise Performance | 3Q/02        | 4Q/02        | 1Q/03        | 2Q/03        | 3Q/03        | 4Q/03        | 1Q/04        | 2Q/04        |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful opportunities   | 47.0         | 17.0         | 13.0         | 46.0         | 45.0         | 32.0         | 30.0         | 29.0         |
| Total opportunities        | 48.0         | 18.0         | 14.0         | 47.0         | 48.0         | 32.0         | 30.0         | 30.0         |
| <b>Indicator value</b>     | <b>94.7%</b> | <b>94.2%</b> | <b>93.4%</b> | <b>94.1%</b> | <b>94.9%</b> | <b>95.8%</b> | <b>96.8%</b> | <b>97.0%</b> |

Licensee Comments: none

## ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

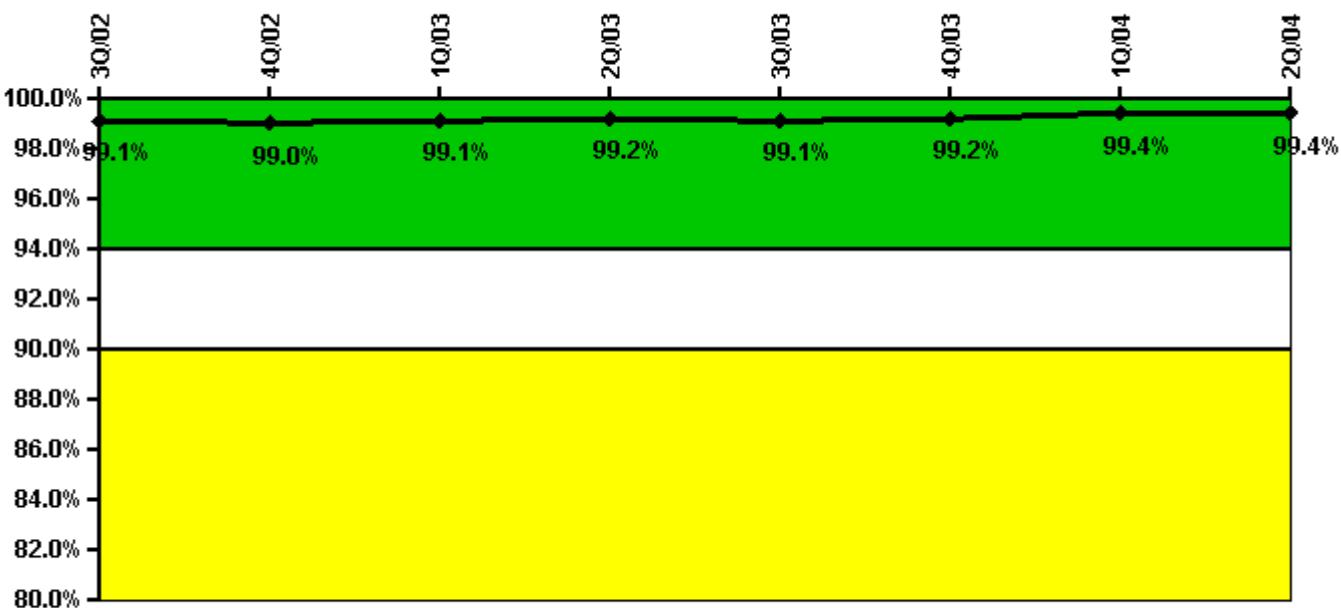
### Notes

| ERO Drill Participation     | 3Q/02        | 4Q/02         | 1Q/03         | 2Q/03         | 3Q/03         | 4Q/03        | 1Q/04        | 2Q/04         |
|-----------------------------|--------------|---------------|---------------|---------------|---------------|--------------|--------------|---------------|
| Participating Key personnel | 50.0         | 51.0          | 54.0          | 53.0          | 56.0          | 59.0         | 61.0         | 65.0          |
| Total Key personnel         | 51.0         | 51.0          | 54.0          | 53.0          | 56.0          | 60.0         | 64.0         | 65.0          |
| <b>Indicator value</b>      | <b>98.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>98.3%</b> | <b>95.3%</b> | <b>100.0%</b> |

### Licensee Comments:

2Q/04: The number of key ERO members and the number that have participated in the previous 24 months has been revised upwards by two (2) for the period November 2003 - March 2004. A Shift Manager had been qualified that the EP organization had not been made aware of. Shift Managers are also credited in the Emergency Communicator position. This occurrence has been entered into the Station's corrective action program.

## Alert & Notification System



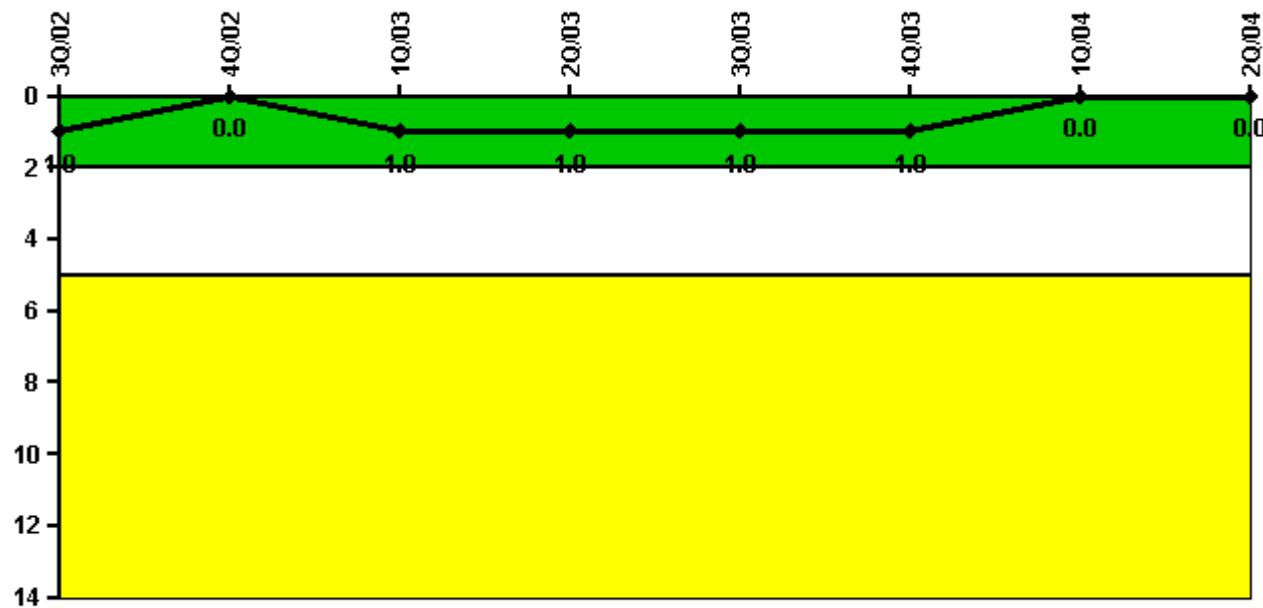
Thresholds: White < 94.0% Yellow < 90.0%

### Notes

| Alert & Notification System | 3Q/02        | 4Q/02        | 1Q/03        | 2Q/03        | 3Q/03        | 4Q/03        | 1Q/04        | 2Q/04        |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests      | 2160         | 2489         | 3129         | 3173         | 3159         | 3192         | 3194         | 3180         |
| Total sirens-tests          | 2176         | 2512         | 3150         | 3200         | 3200         | 3200         | 3200         | 3200         |
| <b>Indicator value</b>      | <b>99.1%</b> | <b>99.0%</b> | <b>99.1%</b> | <b>99.2%</b> | <b>99.1%</b> | <b>99.2%</b> | <b>99.4%</b> | <b>99.4%</b> |

Licensee Comments: none

## Occupational Exposure Control Effectiveness



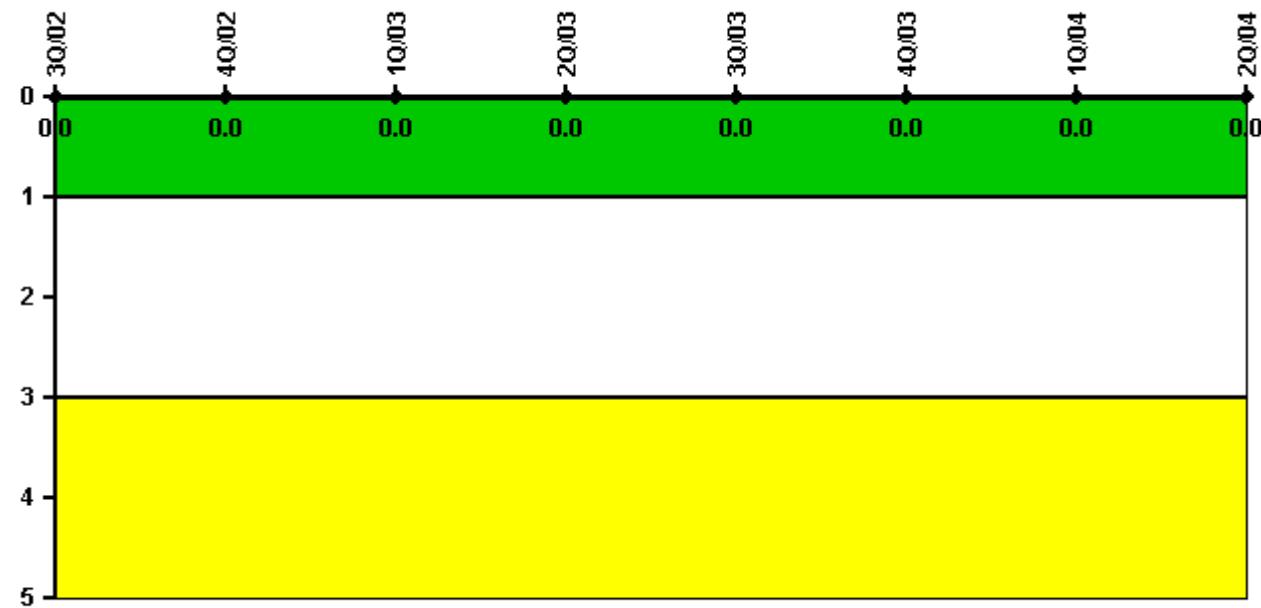
Thresholds: White > 2.0 Yellow > 5.0

### Notes

| Occupational Exposure Control Effectiveness | 3Q/02    | 4Q/02    | 1Q/03    | 2Q/03    | 3Q/03    | 4Q/03    | 1Q/04    | 2Q/04    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>1</b> | <b>0</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>0</b> | <b>0</b> |

Licensee Comments: none

## RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

### Notes

| RETS/ODCM Radiological Effluent | 3Q/02    | 4Q/02    | 1Q/03    | 2Q/03    | 3Q/03    | 4Q/03    | 1Q/04    | 2Q/04    |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| RETS/ODCM occurrences           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>          | <b>0</b> |

Licensee Comments: none

[Physical Protection](#) information not publicly available.

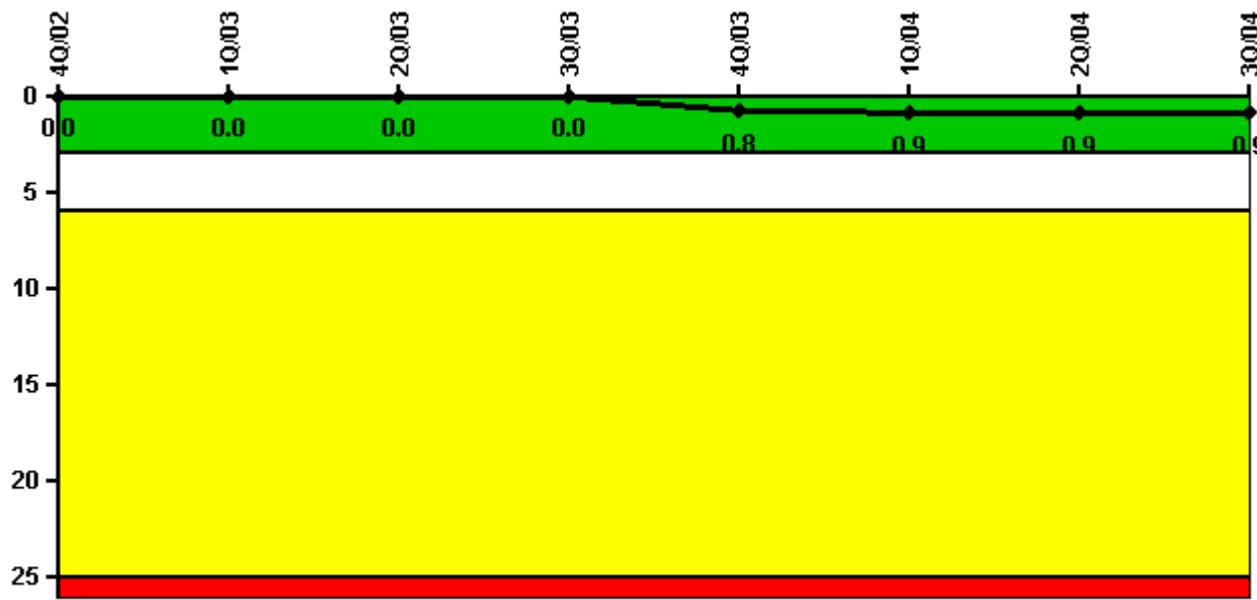


[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: September 8, 2004

**La Salle 1****3Q/2004 Performance Indicators**

Licensee's General Comments: none

**Unplanned Scrams per 7000 Critical Hrs**

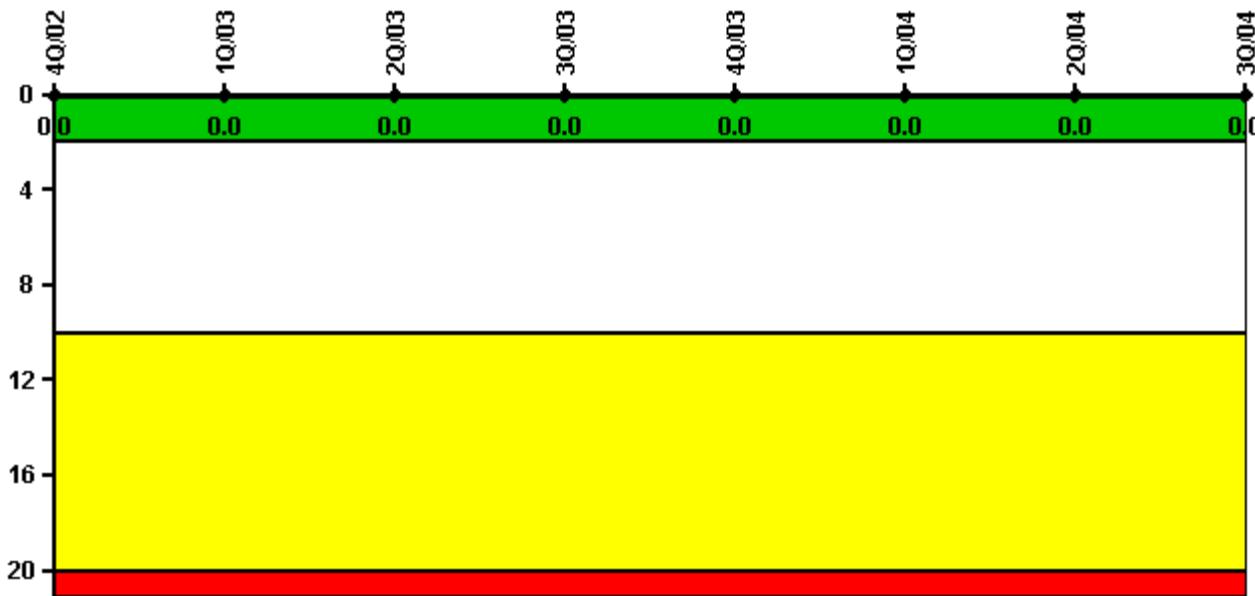
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

**Notes**

| Unplanned Scrams per 7000 Critical Hrs | 4Q/02    | 1Q/03    | 2Q/03    | 3Q/03    | 4Q/03      | 1Q/04      | 2Q/04      | 3Q/04      |
|--|----------|----------|----------|----------|------------|------------|------------|------------|
| Unplanned scrams                       | 0        | 0        | 0        | 0        | 1.0        | 0          | 0          | 0          |
| Critical hours                         | 2209.0   | 2160.0   | 2183.0   | 2208.0   | 2179.8     | 1489.1     | 2183.0     | 2208.0     |
| Indicator value                        | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0.8</b> | <b>0.9</b> | <b>0.9</b> | <b>0.9</b> |

Licensee Comments: none

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**Scrams with Loss of Normal Heat Removal**

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

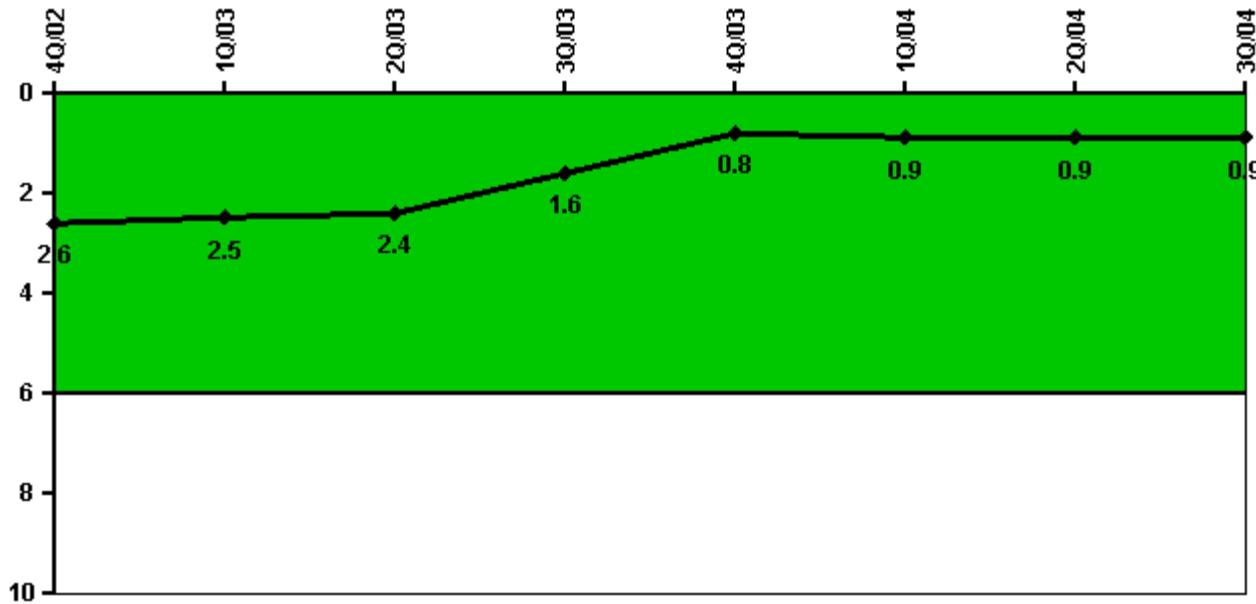
**Notes**

| Scrams with Loss of Normal Heat Removal | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams                                  | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                         | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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### Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

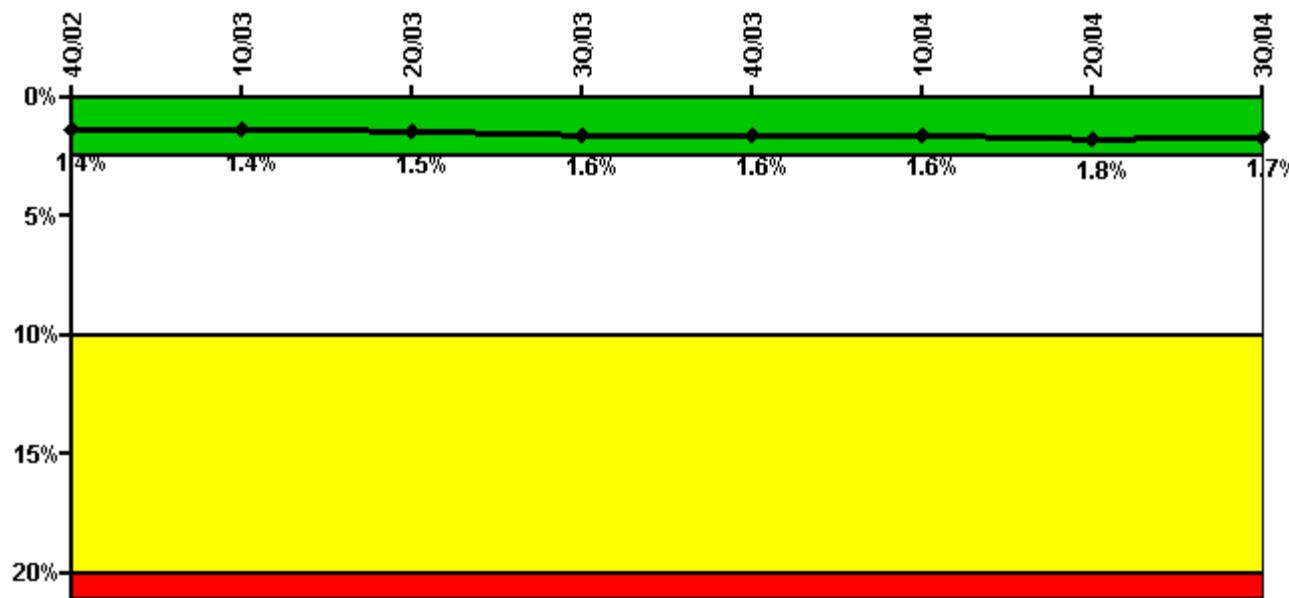
#### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 4Q/02      | 1Q/03      | 2Q/03      | 3Q/03      | 4Q/03      | 1Q/04      | 2Q/04      | 3Q/04      |
|---|------------|------------|------------|------------|------------|------------|------------|------------|
| Unplanned power changes                       | 2.0        | 0          | 0          | 0          | 1.0        | 0          | 0          | 0          |
| Critical hours                                | 2209.0     | 2160.0     | 2183.0     | 2208.0     | 2179.8     | 1489.1     | 2183.0     | 2208.0     |
| Indicator value                               | <b>2.6</b> | <b>2.5</b> | <b>2.4</b> | <b>1.6</b> | <b>0.8</b> | <b>0.9</b> | <b>0.9</b> | <b>0.9</b> |

Licensee Comments: none

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## Safety System Unavailability, Emergency AC Power, >2EDG



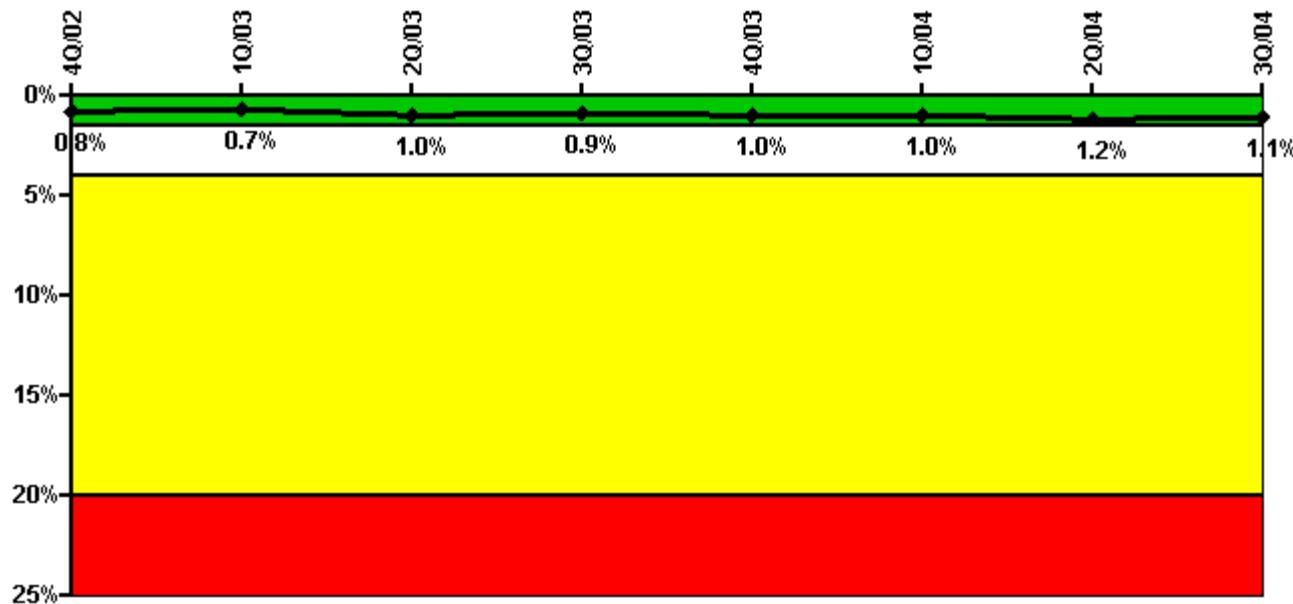
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

### Notes

| Safety System Unavailability, Emergency AC Power, >2EDG | 4Q/02       | 1Q/03       | 2Q/03       | 3Q/03       | 4Q/03       | 1Q/04       | 2Q/04       | 3Q/04       |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 1.13        | 33.00       | 21.60       | 43.63       | 7.52        | 0.50        | 58.03       | 7.65        |
| Unplanned unavailable hours                             | 0           | 0           | 51.15       | 0           | 0           | 0           | 0           | 0           |
| Fault exposure hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2184.00     | 2183.00     | 2208.00     |
| <b>Train 2</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 1.00        | 69.53       | 23.13       | 7.30        | 15.66       | 83.49       | 0.75        | 0.75        |
| Unplanned unavailable hours                             | 0           | 0           | 0.87        | 0           | 0           | 0           | 0           | 0           |
| Fault exposure hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2184.00     | 2183.00     | 2208.00     |
| <b>Train 3</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 0.98        | 1.12        | 104.83      | 0.75        | 45.03       | 0.75        | 91.30       | 0.75        |
| Unplanned unavailable hours                             | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Fault exposure hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2184.00     | 2183.00     | 2208.00     |
| <b>Indicator value</b>                                  | <b>1.4%</b> | <b>1.4%</b> | <b>1.5%</b> | <b>1.6%</b> | <b>1.6%</b> | <b>1.6%</b> | <b>1.8%</b> | <b>1.7%</b> |

Licensee Comments: none

## Safety System Unavailability, High Pressure Injection System (HPCS)



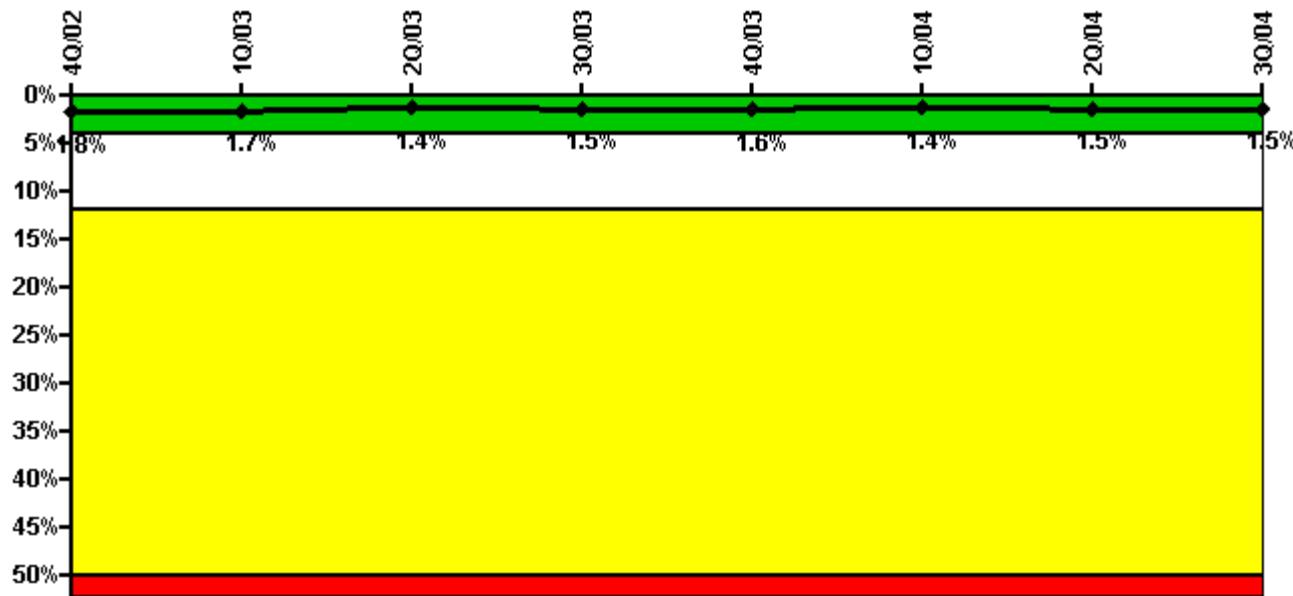
Thresholds: White > 1.5% Yellow > 4.0% Red > 20.0%

### Notes

| Safety System Unavailability, High Pressure Injection System (HPCS) | 4Q/02       | 1Q/03       | 2Q/03       | 3Q/03       | 4Q/03       | 1Q/04       | 2Q/04       | 3Q/04       |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours   | 0           | 0           | 62.85       | 0           | 20.57       | 0           | 85.17       | 0           |
| Unplanned unavailable hours   | 0.60        | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Fault exposure hours  | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2179.80     | 1489.03     | 2183.00     | 2208.00     |
| <b>Indicator value</b>  | <b>0.8%</b> | <b>0.7%</b> | <b>1.0%</b> | <b>0.9%</b> | <b>1.0%</b> | <b>1.0%</b> | <b>1.2%</b> | <b>1.1%</b> |

Licensee Comments: none

## Safety System Unavailability, Heat Removal System (RCIC)



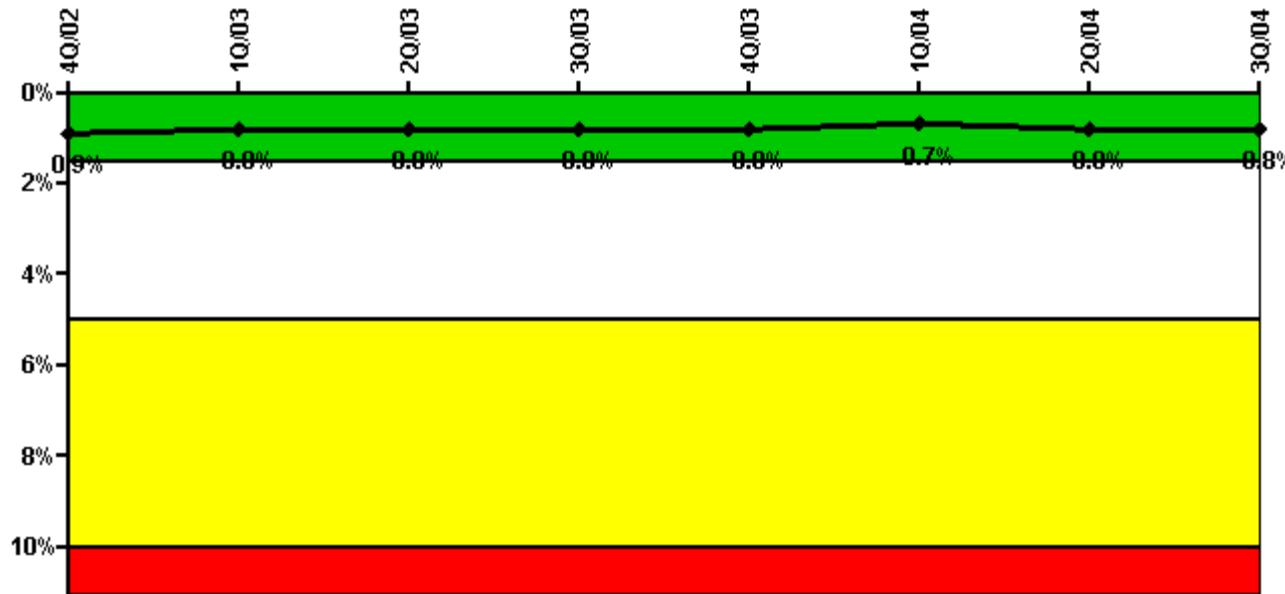
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

### Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 4Q/02       | 1Q/03       | 2Q/03       | 3Q/03       | 4Q/03       | 1Q/04       | 2Q/04       | 3Q/04       |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                | 15.90       | 0.30        | 40.40       | 15.12       | 37.50       | 18.03       | 16.95       | 5.80        |
| Unplanned unavailable hours                              | 0.40        | 0           | 6.60        | 9.10        | 0           | 2.12        | 0           | 0           |
| Fault exposure hours                                     | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2179.80     | 1489.03     | 2183.00     | 2208.00     |
| <b>Indicator value</b>                                   | <b>1.8%</b> | <b>1.7%</b> | <b>1.4%</b> | <b>1.5%</b> | <b>1.6%</b> | <b>1.4%</b> | <b>1.5%</b> | <b>1.5%</b> |

Licensee Comments: none

## **Safety System Unavailability, Residual Heat Removal System**

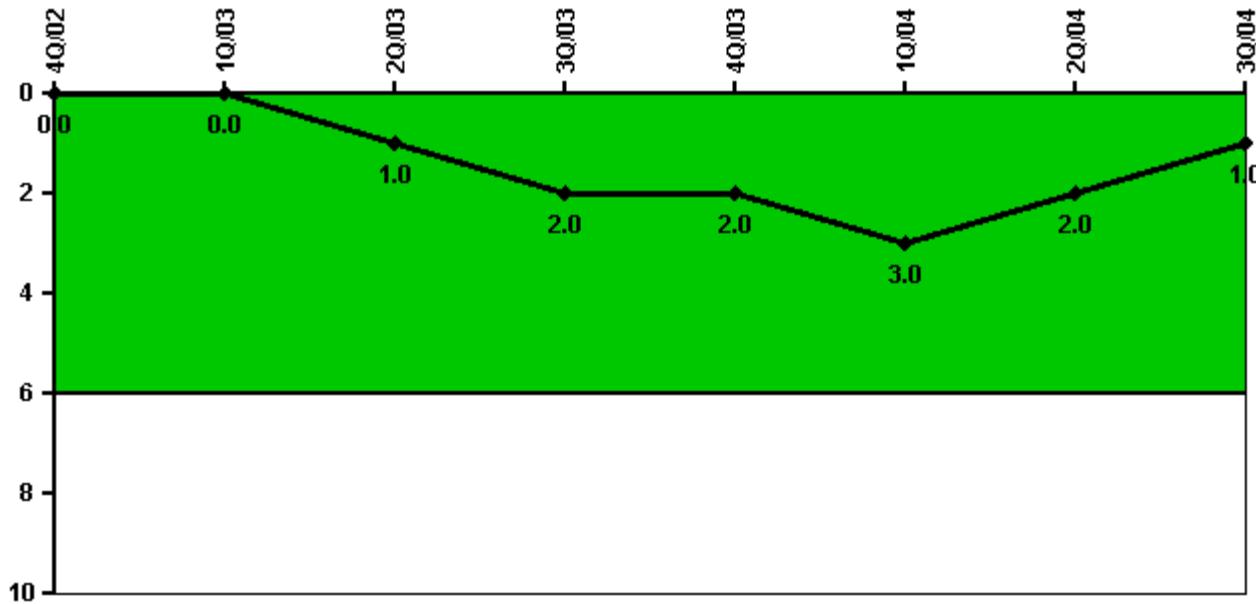


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

### Notes

| Safety System Unavailability, Residual Heat Removal System | 4Q/02       | 1Q/03       | 2Q/03       | 3Q/03       | 4Q/03       | 1Q/04       | 2Q/04       | 3Q/04       |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                  | 11.40       | 0           | 45.40       | 0           | 0           | 0           | 13.27       | 14.34       |
| Unplanned unavailable hours                                | 0.30        | 0           | 0           | 0           | 0           | 11.87       | 0           | 0.48        |
| Fault exposure hours                                       | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                      | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2184.00     | 2183.00     | 2208.00     |
| <b>Train 2</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                  | 0           | 0           | 13.70       | 17.30       | 0           | 14.49       | 32.97       | 0           |
| Unplanned unavailable hours                                | 1.10        | 0.80        | 1.00        | 0           | 0           | 0           | 0           | 0           |
| Fault exposure hours                                       | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                      | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2184.00     | 2183.00     | 2208.00     |
| <b>Indicator value</b>                                     | <b>0.9%</b> | <b>0.8%</b> | <b>0.8%</b> | <b>0.8%</b> | <b>0.8%</b> | <b>0.7%</b> | <b>0.8%</b> | <b>0.8%</b> |

Licensee Comments: none

**Safety System Functional Failures (BWR)**

Thresholds: White > 6.0

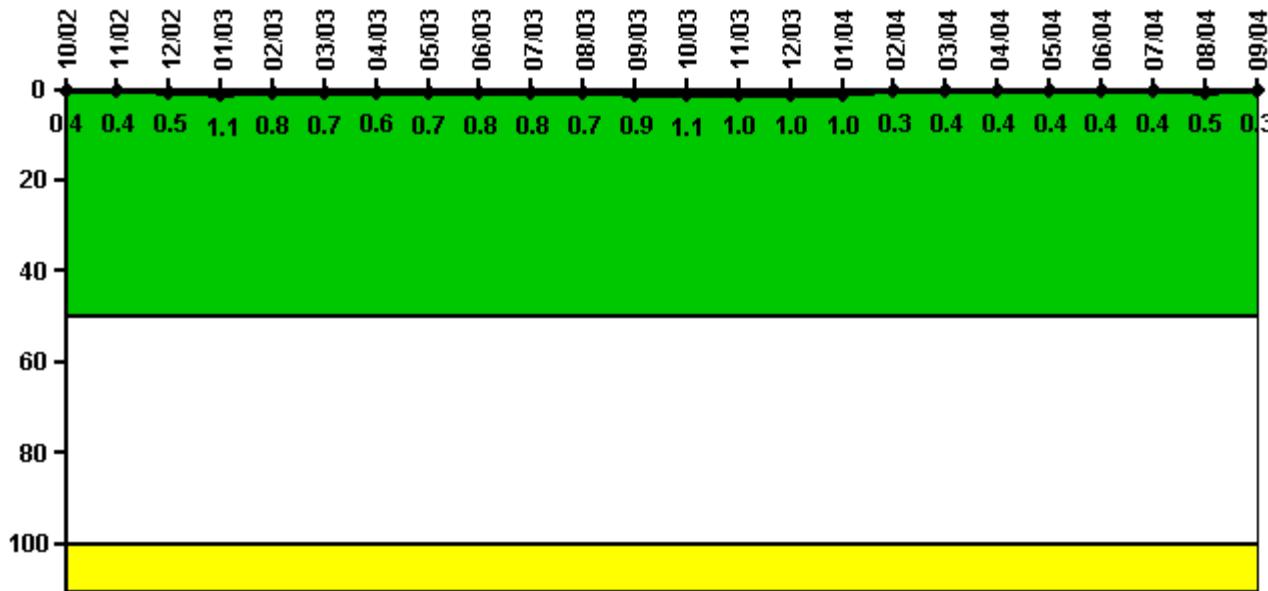
**Notes**

| Safety System Functional Failures (BWR) | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures       | 0     | 0     | 1     | 1     | 0     | 1     | 0     | 0     |
| Indicator value                         | 0     | 0     | 1     | 2     | 2     | 3     | 2     | 1     |

Licensee Comments: none

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## Reactor Coolant System Activity



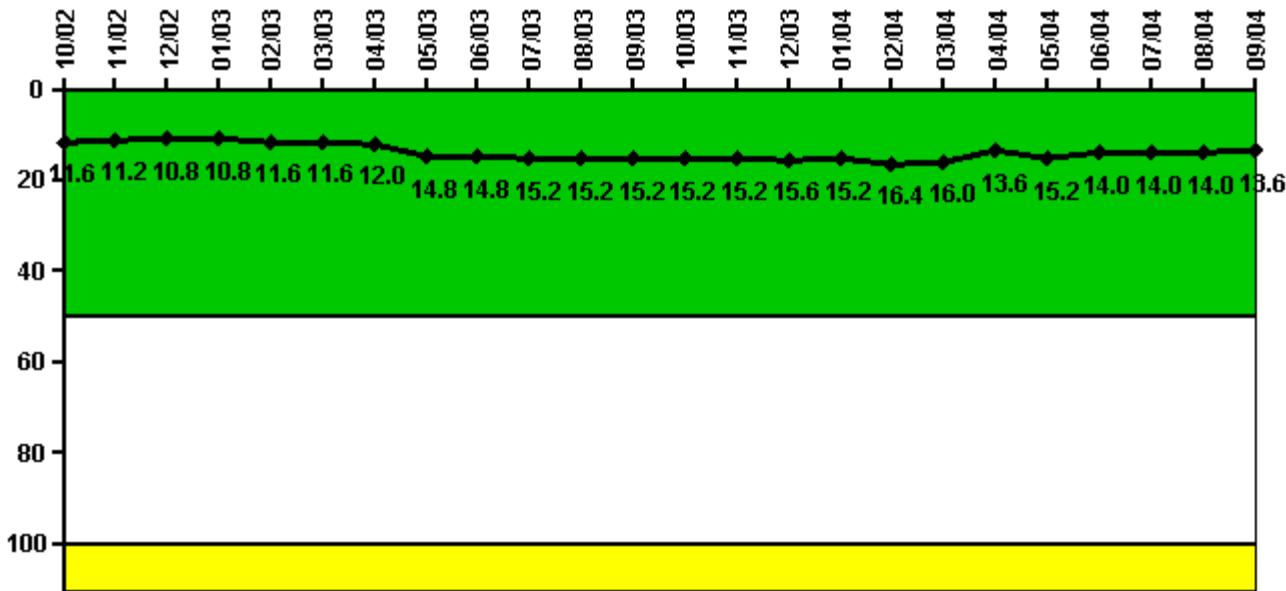
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Activity | 10/02      | 11/02      | 12/02      | 1/03       | 2/03       | 3/03       | 4/03       | 5/03       | 6/03       | 7/03       | 8/03       | 9/03       |
|---------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Maximum activity                | 0.000804   | 0.000800   | 0.000912   | 0.002110   | 0.001690   | 0.001350   | 0.001140   | 0.001310   | 0.001550   | 0.001610   | 0.001480   | 0.001810   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| Indicator value                 | <b>0.4</b> | <b>0.4</b> | <b>0.5</b> | <b>1.1</b> | <b>0.8</b> | <b>0.7</b> | <b>0.6</b> | <b>0.7</b> | <b>0.8</b> | <b>0.8</b> | <b>0.7</b> | <b>0.9</b> |
| Reactor Coolant System Activity | 10/03      | 11/03      | 12/03      | 1/04       | 2/04       | 3/04       | 4/04       | 5/04       | 6/04       | 7/04       | 8/04       | 9/04       |
| Maximum activity                | 0.002250   | 0.001950   | 0.002030   | 0.001920   | 0.000680   | 0.000898   | 0.000854   | 0.000748   | 0.000809   | 0.000897   | 0.000918   | 0.000684   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| Indicator value                 | <b>1.1</b> | <b>1.0</b> | <b>1.0</b> | <b>1.0</b> | <b>0.3</b> | <b>0.4</b> | <b>0.4</b> | <b>0.4</b> | <b>0.4</b> | <b>0.4</b> | <b>0.5</b> | <b>0.3</b> |

Licensee Comments: none

## Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

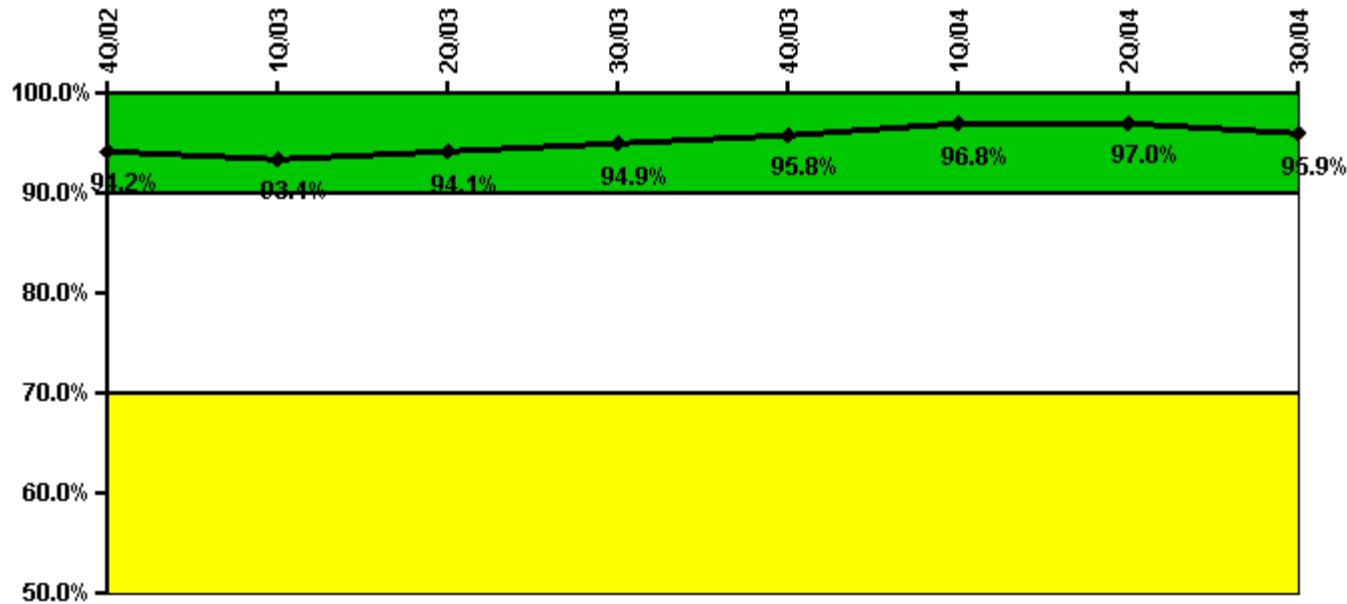
### Notes

| Reactor Coolant System Leakage | 10/02 | 11/02 | 12/02 | 1/03  | 2/03  | 3/03  | 4/03  | 5/03  | 6/03  | 7/03  | 8/03  | 9/03  |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage                | 2.900 | 2.800 | 2.700 | 2.700 | 2.900 | 2.900 | 3.000 | 3.700 | 3.700 | 3.800 | 3.800 | 3.800 |
| Indicator value                | 11.6  | 11.2  | 10.8  | 10.8  | 11.6  | 11.6  | 12.0  | 14.8  | 14.8  | 15.2  | 15.2  | 15.2  |
| Reactor Coolant System Leakage | 10/03 | 11/03 | 12/03 | 1/04  | 2/04  | 3/04  | 4/04  | 5/04  | 6/04  | 7/04  | 8/04  | 9/04  |
| Maximum leakage                | 3.800 | 3.800 | 3.900 | 3.800 | 4.100 | 4.000 | 3.400 | 3.800 | 3.500 | 3.500 | 3.500 | 3.400 |
| Technical specification limit  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  |
| Indicator value                | 15.2  | 15.2  | 15.6  | 15.2  | 16.4  | 16.0  | 13.6  | 15.2  | 14.0  | 14.0  | 14.0  | 13.6  |

### Licensee Comments:

9/04: Unit 1 RCS Leak Rate Data has been changed for the period of February 2004 to July 2004 due to a documentation error. The indicator color has not changed. This occurrence has been entered into the plant's corrective action program.

### Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

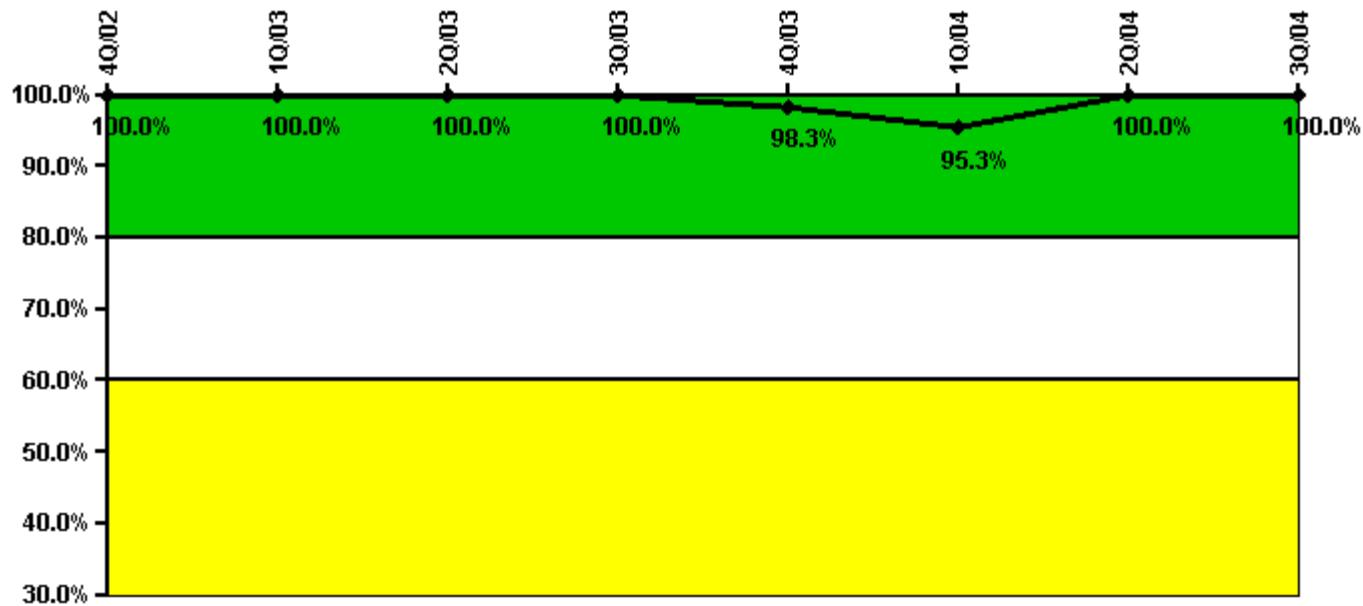
#### Notes

| Drill/Exercise Performance | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities   | 17.0  | 13.0  | 46.0  | 45.0  | 32.0  | 30.0  | 29.0  | 48.0  |
| Total opportunities        | 18.0  | 14.0  | 47.0  | 48.0  | 32.0  | 30.0  | 30.0  | 52.0  |
| Indicator value            | 94.2% | 93.4% | 94.1% | 94.9% | 95.8% | 96.8% | 97.0% | 95.9% |

Licensee Comments: none

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### ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

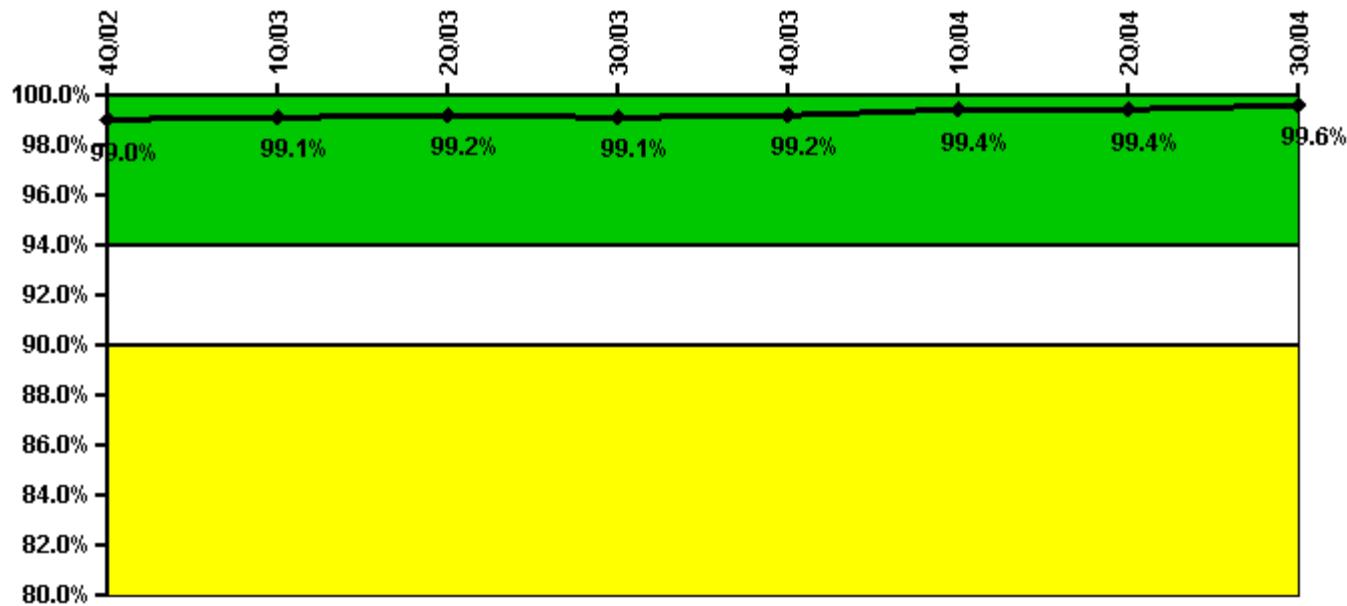
#### Notes

| ERO Drill Participation     | 4Q/02         | 1Q/03         | 2Q/03         | 3Q/03         | 4Q/03        | 1Q/04        | 2Q/04         | 3Q/04         |
|-----------------------------|---------------|---------------|---------------|---------------|--------------|--------------|---------------|---------------|
| Participating Key personnel | 51.0          | 54.0          | 53.0          | 56.0          | 59.0         | 61.0         | 65.0          | 64.0          |
| Total Key personnel         | 51.0          | 54.0          | 53.0          | 56.0          | 60.0         | 64.0         | 65.0          | 64.0          |
| <b>Indicator value</b>      | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>98.3%</b> | <b>95.3%</b> | <b>100.0%</b> | <b>100.0%</b> |

Licensee Comments: none

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## Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

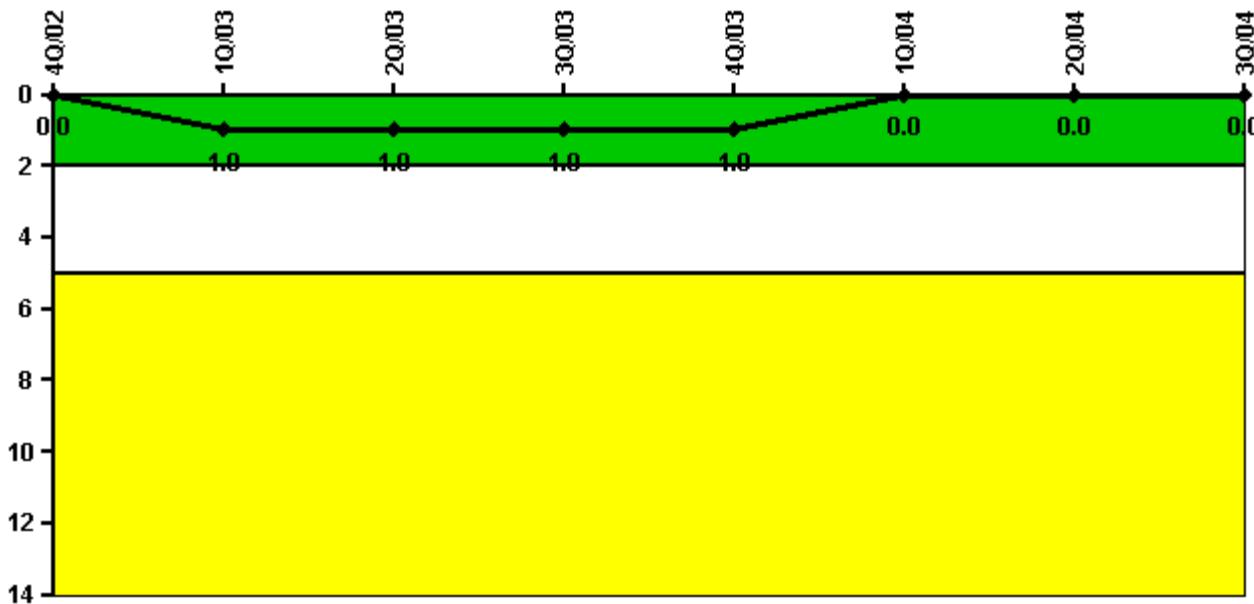
### Notes

| Alert & Notification System | 4Q/02        | 1Q/03        | 2Q/03        | 3Q/03        | 4Q/03        | 1Q/04        | 2Q/04        | 3Q/04        |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests      | 2489         | 3129         | 3173         | 3159         | 3192         | 3194         | 3180         | 3230         |
| Total sirens-tests          | 2512         | 3150         | 3200         | 3200         | 3200         | 3200         | 3200         | 3250         |
| <b>Indicator value</b>      | <b>99.0%</b> | <b>99.1%</b> | <b>99.2%</b> | <b>99.1%</b> | <b>99.2%</b> | <b>99.4%</b> | <b>99.4%</b> | <b>99.6%</b> |

Licensee Comments: none

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## Occupational Exposure Control Effectiveness



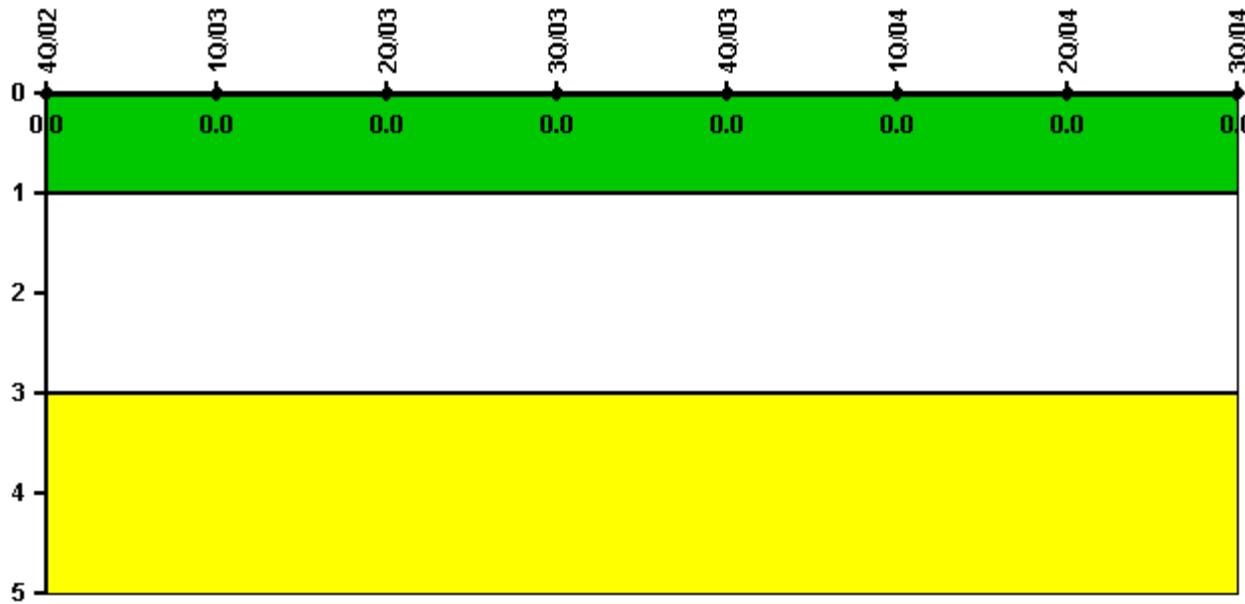
Thresholds: White > 2.0 Yellow > 5.0

### Notes

| Occupational Exposure Control Effectiveness | 4Q/02    | 1Q/03    | 2Q/03    | 3Q/03    | 4Q/03    | 1Q/04    | 2Q/04    | 3Q/04    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>0</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>0</b> | <b>0</b> | <b>0</b> |

Licensee Comments: none

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**RETS/ODCM Radiological Effluent**

Thresholds: White > 1.0 Yellow > 3.0

**Notes**

| RETS/ODCM Radiological Effluent | 4Q/02    | 1Q/03    | 2Q/03    | 3Q/03    | 4Q/03    | 1Q/04    | 2Q/04    | 3Q/04    |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| RETS/ODCM occurrences           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Indicator value                 | <b>0</b> |

Licensee Comments: none

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[Physical Protection](#) information not publicly available.

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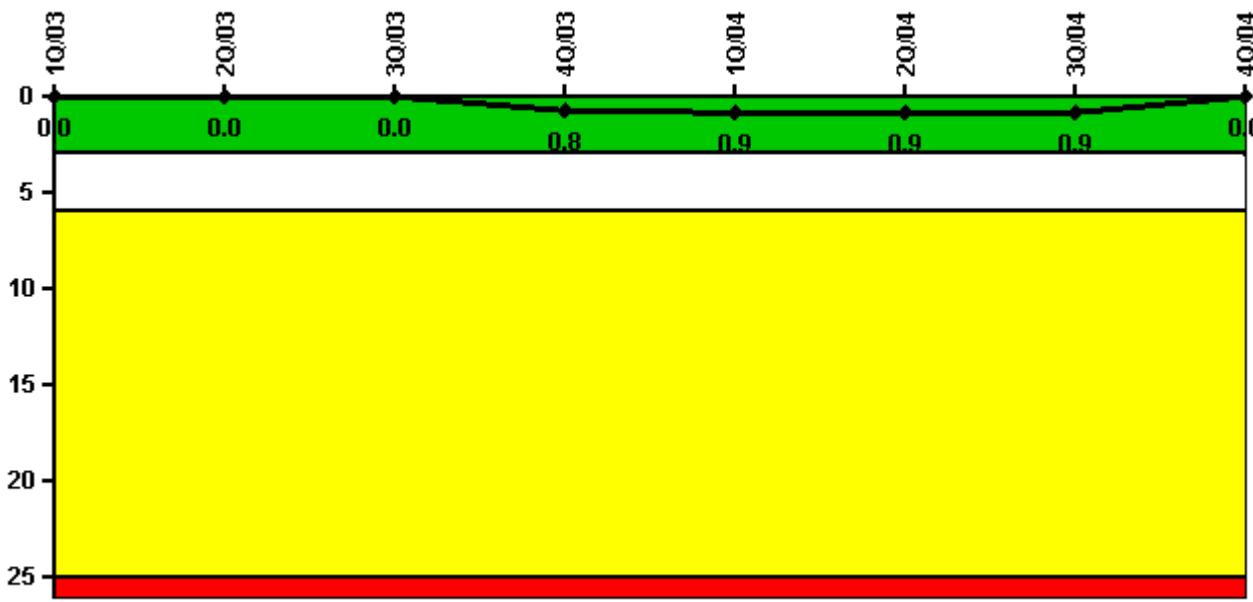


[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: October 25, 2004

**La Salle 1****4Q/2004 Performance Indicators**

Licensee's General Comments: none

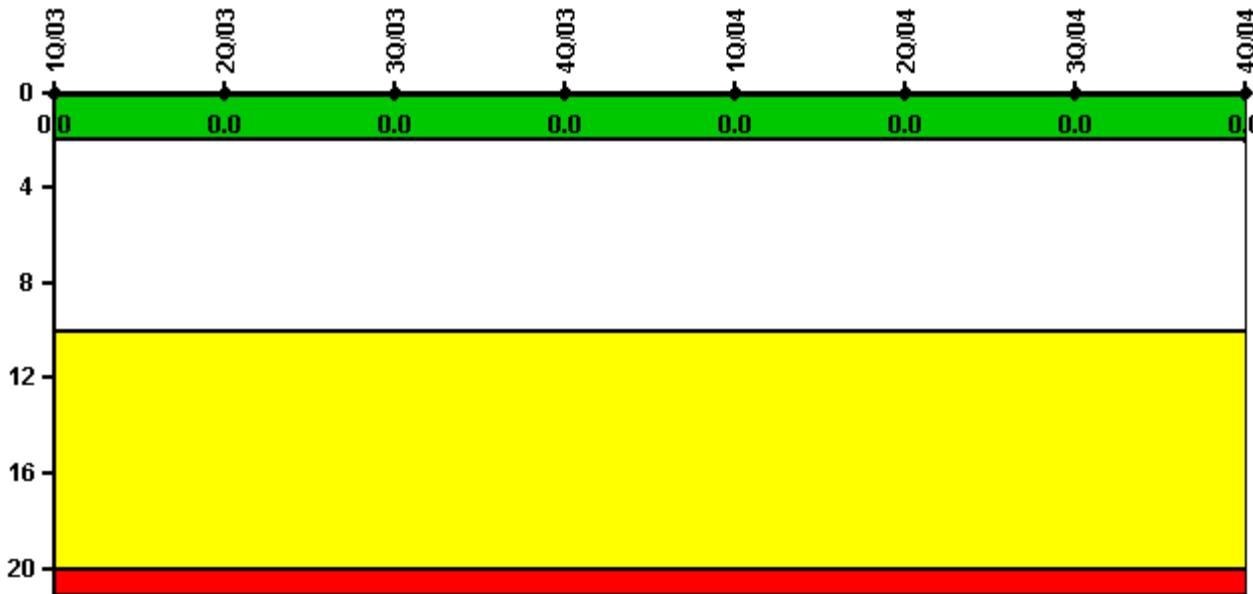
**Unplanned Scrams per 7000 Critical Hrs**

Thresholds: White &gt; 3.0 Yellow &gt; 6.0 Red &gt; 25.0

**Notes**

| Unplanned Scrams per 7000 Critical Hrs | 1Q/03    | 2Q/03    | 3Q/03    | 4Q/03      | 1Q/04      | 2Q/04      | 3Q/04      | 4Q/04    |
|--|----------|----------|----------|------------|------------|------------|------------|----------|
| Unplanned scrams                       | 0        | 0        | 0        | 1.0        | 0          | 0          | 0          | 0        |
| Critical hours                         | 2160.0   | 2183.0   | 2208.0   | 2179.8     | 1489.1     | 2183.0     | 2208.0     | 2209.0   |
| Indicator value                        | <b>0</b> | <b>0</b> | <b>0</b> | <b>0.8</b> | <b>0.9</b> | <b>0.9</b> | <b>0.9</b> | <b>0</b> |

Licensee Comments: none

**Scrams with Loss of Normal Heat Removal**

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

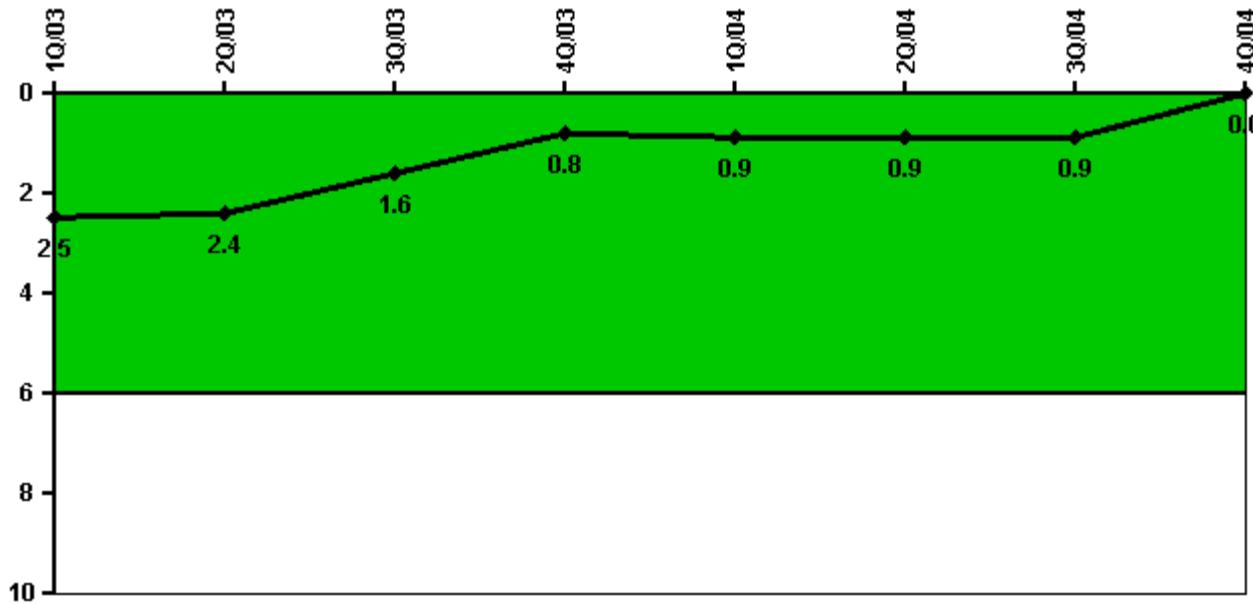
**Notes**

| Scrams with Loss of Normal Heat Removal | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams                                  | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                         | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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### Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

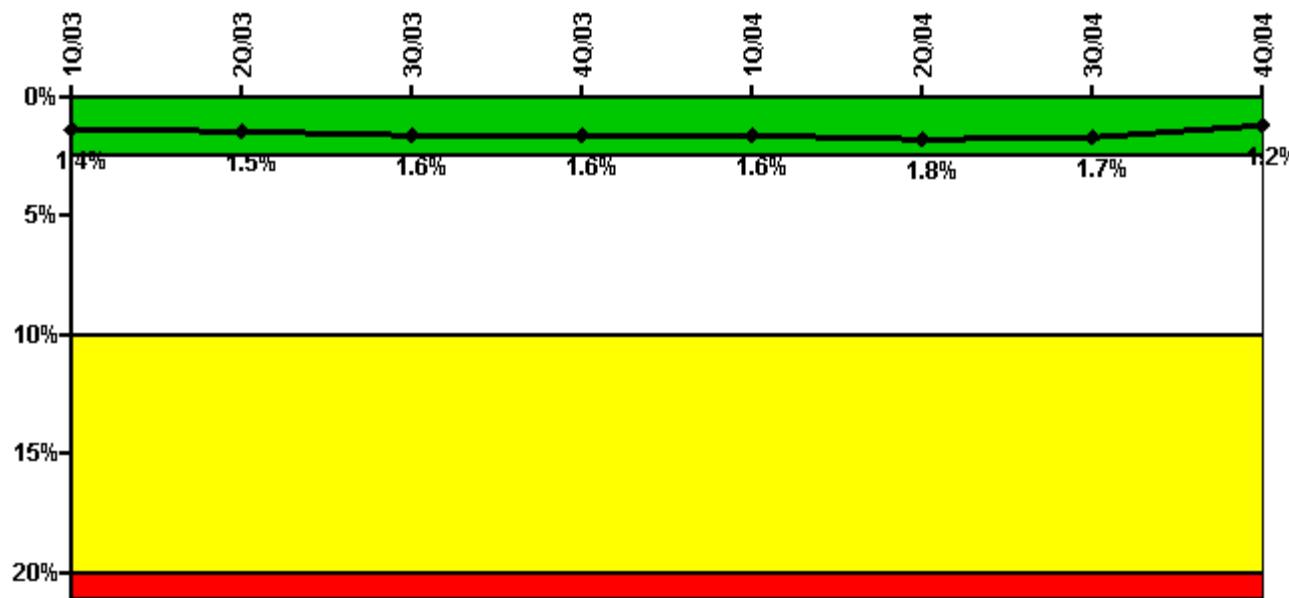
#### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 1Q/03      | 2Q/03      | 3Q/03      | 4Q/03      | 1Q/04      | 2Q/04      | 3Q/04      | 4Q/04    |
|---|------------|------------|------------|------------|------------|------------|------------|----------|
| Unplanned power changes                       | 0          | 0          | 0          | 1.0        | 0          | 0          | 0          | 0        |
| Critical hours                                | 2160.0     | 2183.0     | 2208.0     | 2179.8     | 1489.1     | 2183.0     | 2208.0     | 2209.0   |
| Indicator value                               | <b>2.5</b> | <b>2.4</b> | <b>1.6</b> | <b>0.8</b> | <b>0.9</b> | <b>0.9</b> | <b>0.9</b> | <b>0</b> |

Licensee Comments: none

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## Safety System Unavailability, Emergency AC Power, >2EDG



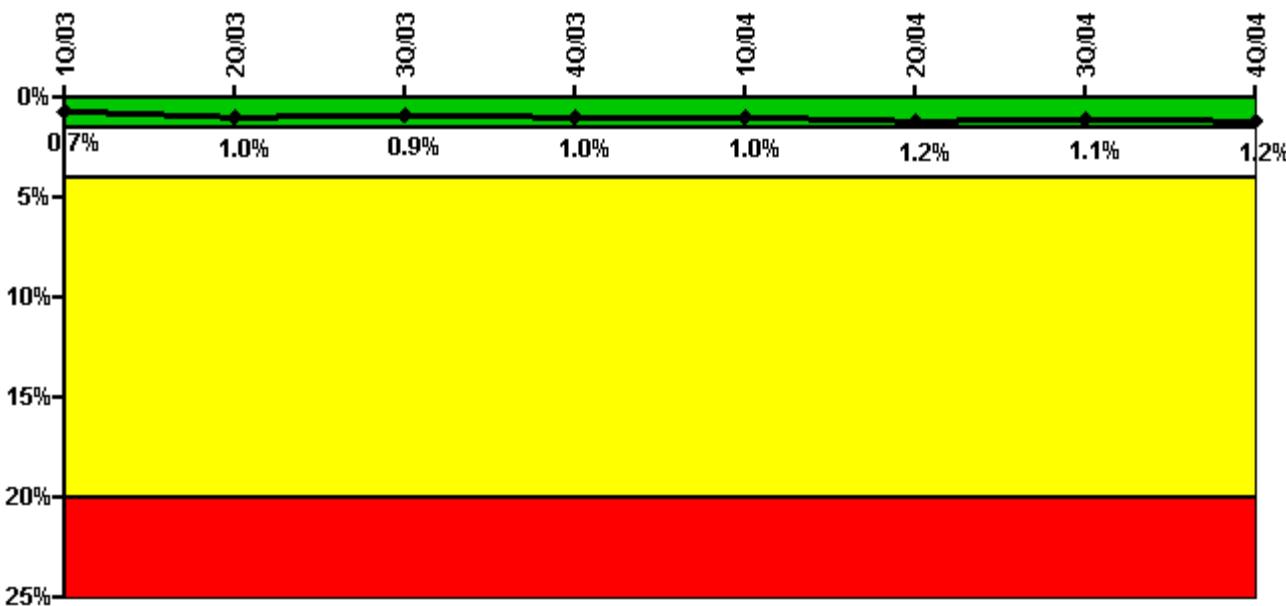
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

### Notes

| Safety System Unavailability, Emergency AC Power, >2EDG | 1Q/03       | 2Q/03       | 3Q/03       | 4Q/03       | 1Q/04       | 2Q/04       | 3Q/04       | 4Q/04       |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 33.00       | 21.60       | 43.63       | 7.52        | 0.50        | 58.03       | 7.65        | 14.42       |
| Unplanned unavailable hours                             | 0           | 51.15       | 0           | 0           | 0           | 0           | 0           | 0           |
| Fault exposure hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2184.00     | 2183.00     | 2208.00     | 2209.00     |
| <b>Train 2</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 69.53       | 23.13       | 7.30        | 15.66       | 83.49       | 0.75        | 0.75        | 0.75        |
| Unplanned unavailable hours                             | 0           | 0.87        | 0           | 0           | 0           | 0           | 0           | 0           |
| Fault exposure hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2184.00     | 2183.00     | 2208.00     | 2209.00     |
| <b>Train 3</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 1.12        | 104.83      | 0.75        | 45.03       | 0.75        | 91.30       | 0.75        | 39.62       |
| Unplanned unavailable hours                             | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Fault exposure hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2184.00     | 2183.00     | 2208.00     | 2209.00     |
| <b>Indicator value</b>                                  | <b>1.4%</b> | <b>1.5%</b> | <b>1.6%</b> | <b>1.6%</b> | <b>1.6%</b> | <b>1.8%</b> | <b>1.7%</b> | <b>1.2%</b> |

Licensee Comments: none

## Safety System Unavailability, High Pressure Injection System (HPCS)



Thresholds: White > 1.5% Yellow > 4.0% Red > 20.0%

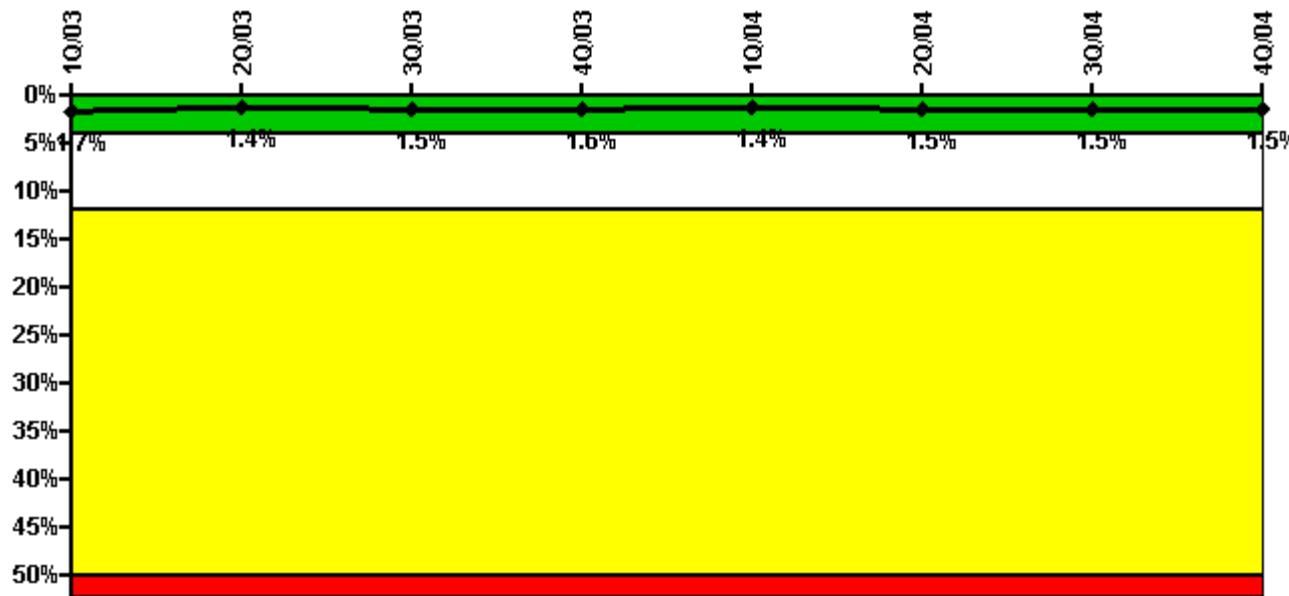
### Notes

| Safety System Unavailability, High Pressure Injection System (HPCS) | 1Q/03       | 2Q/03       | 3Q/03       | 4Q/03       | 1Q/04       | 2Q/04       | 3Q/04       | 4Q/04       |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours   | 0           | 62.85       | 0           | 20.57       | 0           | 85.17       | 0           | 41.92       |
| Unplanned unavailable hours   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Fault exposure hours  | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2160.00     | 2183.00     | 2208.00     | 2179.80     | 1489.03     | 2183.00     | 2208.00     | 2209.00     |
| <b>Indicator value</b>  | <b>0.7%</b> | <b>1.0%</b> | <b>0.9%</b> | <b>1.0%</b> | <b>1.0%</b> | <b>1.2%</b> | <b>1.1%</b> | <b>1.2%</b> |

Licensee Comments: none

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## Safety System Unavailability, Heat Removal System (RCIC)



Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

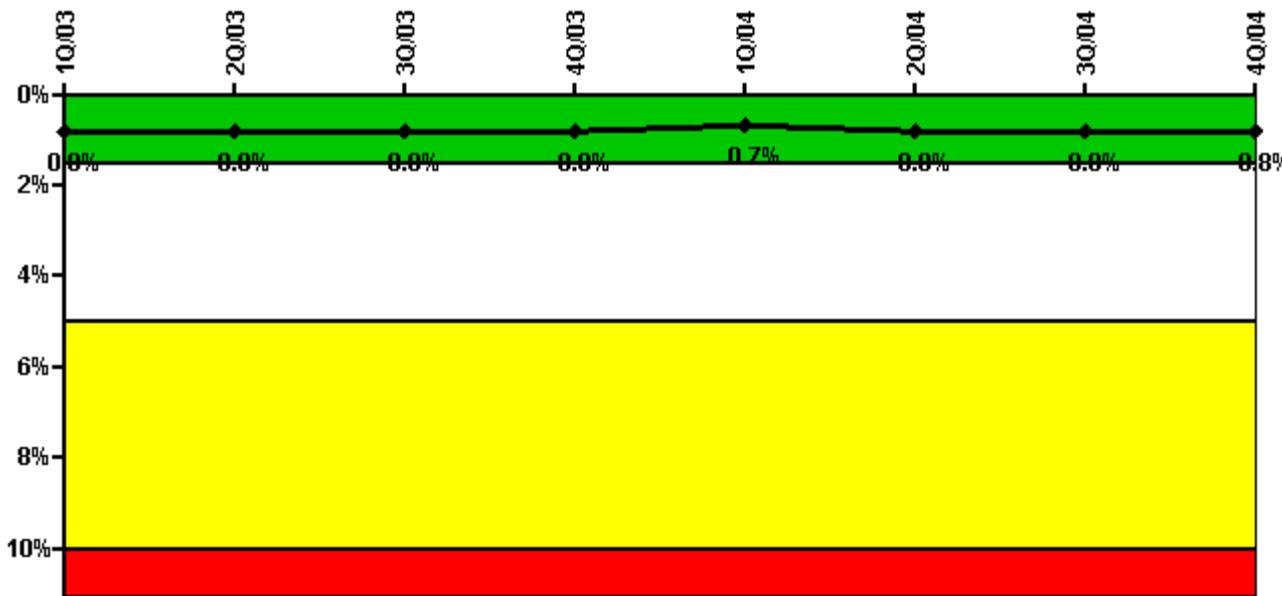
### Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 1Q/03       | 2Q/03       | 3Q/03       | 4Q/03       | 1Q/04       | 2Q/04       | 3Q/04       | 4Q/04       |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                | 0.30        | 40.40       | 15.12       | 37.50       | 18.03       | 16.95       | 5.80        | 24.70       |
| Unplanned unavailable hours                              | 0           | 6.60        | 9.10        | 0           | 2.12        | 0           | 0           | 30.10       |
| Fault exposure hours                                     | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 2160.00     | 2183.00     | 2208.00     | 2179.80     | 1489.03     | 2183.00     | 2208.00     | 2209.00     |
| <b>Indicator value</b>                                   | <b>1.7%</b> | <b>1.4%</b> | <b>1.5%</b> | <b>1.6%</b> | <b>1.4%</b> | <b>1.5%</b> | <b>1.5%</b> | <b>1.5%</b> |

Licensee Comments: none

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## Safety System Unavailability, Residual Heat Removal System

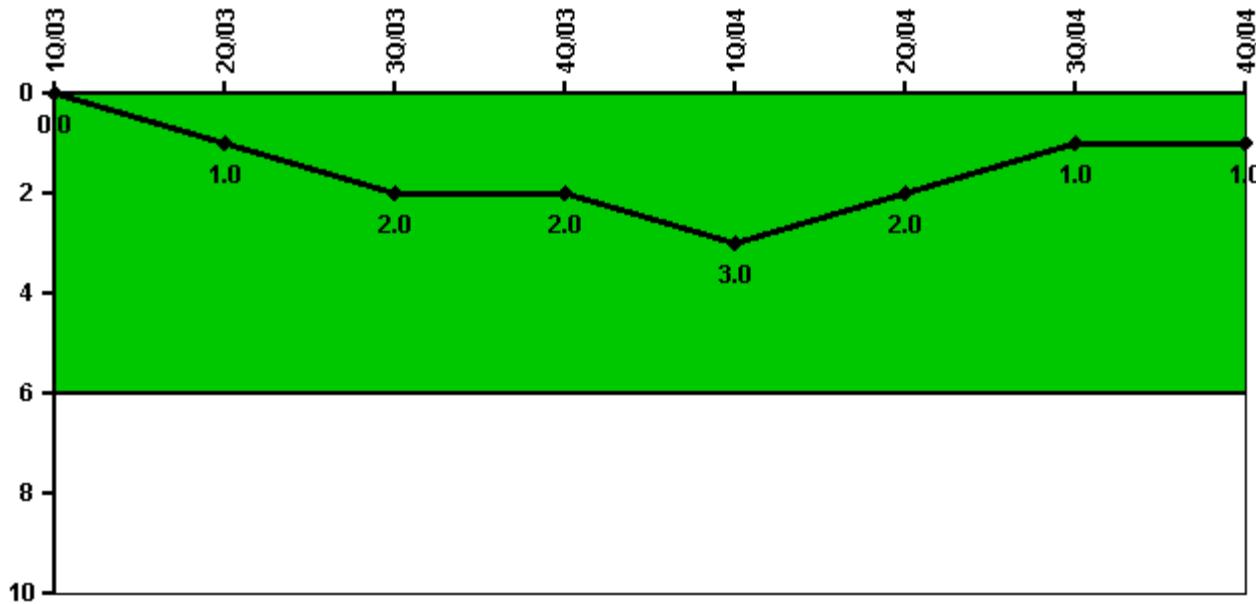


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

### Notes

| Safety System Unavailability, Residual Heat Removal System | 1Q/03       | 2Q/03       | 3Q/03       | 4Q/03       | 1Q/04       | 2Q/04       | 3Q/04       | 4Q/04       |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                  | 0           | 45.40       | 0           | 0           | 0           | 13.27       | 14.34       | 5.70        |
| Unplanned unavailable hours                                | 0           | 0           | 0           | 0           | 11.87       | 0           | 0.48        | 30.08       |
| Fault exposure hours                                       | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                      | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2184.00     | 2183.00     | 2208.00     | 2209.00     |
| <b>Train 2</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                  | 0           | 13.70       | 17.30       | 0           | 14.49       | 32.97       | 0           | 0           |
| Unplanned unavailable hours                                | 0.80        | 1.00        | 0           | 0           | 0           | 0           | 0           | 0           |
| Fault exposure hours                                       | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                      | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2184.00     | 2183.00     | 2208.00     | 2209.00     |
| <b>Indicator value</b>                                     | <b>0.8%</b> | <b>0.8%</b> | <b>0.8%</b> | <b>0.8%</b> | <b>0.7%</b> | <b>0.8%</b> | <b>0.8%</b> | <b>0.8%</b> |

Licensee Comments: none

**Safety System Functional Failures (BWR)**

Thresholds: White > 6.0

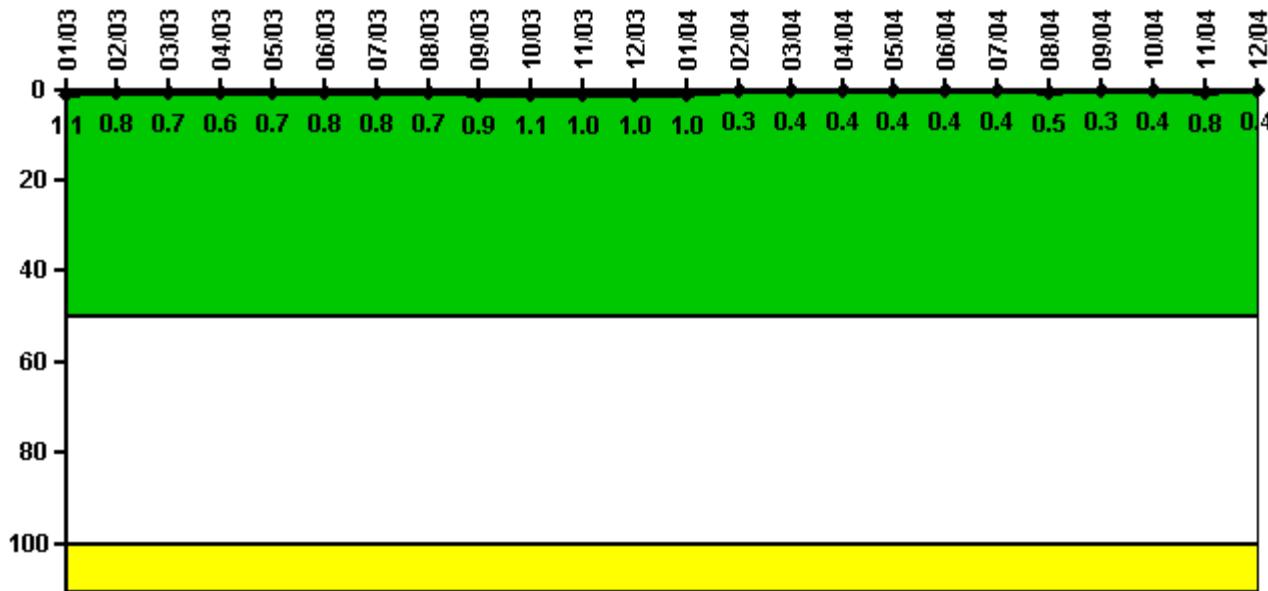
**Notes**

| Safety System Functional Failures (BWR) | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures       | 0     | 1     | 1     | 0     | 1     | 0     | 0     | 0     |
| Indicator value                         | 0     | 1     | 2     | 2     | 3     | 2     | 1     | 1     |

Licensee Comments: none

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## Reactor Coolant System Activity



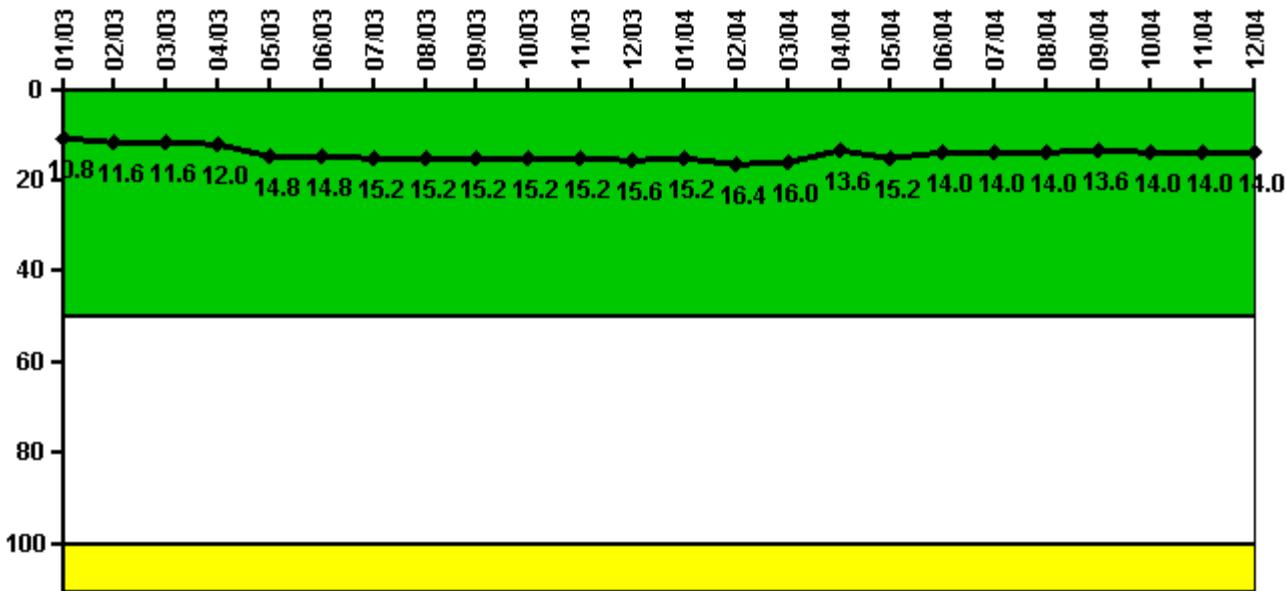
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Activity | 1/03       | 2/03       | 3/03       | 4/03       | 5/03       | 6/03       | 7/03       | 8/03       | 9/03       | 10/03      | 11/03      | 12/03      |
|---------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Maximum activity                | 0.002110   | 0.001690   | 0.001350   | 0.001140   | 0.001310   | 0.001550   | 0.001610   | 0.001480   | 0.001810   | 0.002250   | 0.001950   | 0.002030   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| <b>Indicator value</b>          | <b>1.1</b> | <b>0.8</b> | <b>0.7</b> | <b>0.6</b> | <b>0.7</b> | <b>0.8</b> | <b>0.8</b> | <b>0.7</b> | <b>0.9</b> | <b>1.1</b> | <b>1.0</b> | <b>1.0</b> |
| Reactor Coolant System Activity | 1/04       | 2/04       | 3/04       | 4/04       | 5/04       | 6/04       | 7/04       | 8/04       | 9/04       | 10/04      | 11/04      | 12/04      |
| Maximum activity                | 0.001920   | 0.000680   | 0.000898   | 0.000854   | 0.000748   | 0.000809   | 0.000897   | 0.000918   | 0.000684   | 0.000767   | 0.001600   | 0.000727   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| <b>Indicator value</b>          | <b>1.0</b> | <b>0.3</b> | <b>0.4</b> | <b>0.4</b> | <b>0.4</b> | <b>0.4</b> | <b>0.4</b> | <b>0.5</b> | <b>0.3</b> | <b>0.4</b> | <b>0.8</b> | <b>0.4</b> |

Licensee Comments: none

## Reactor Coolant System Leakage



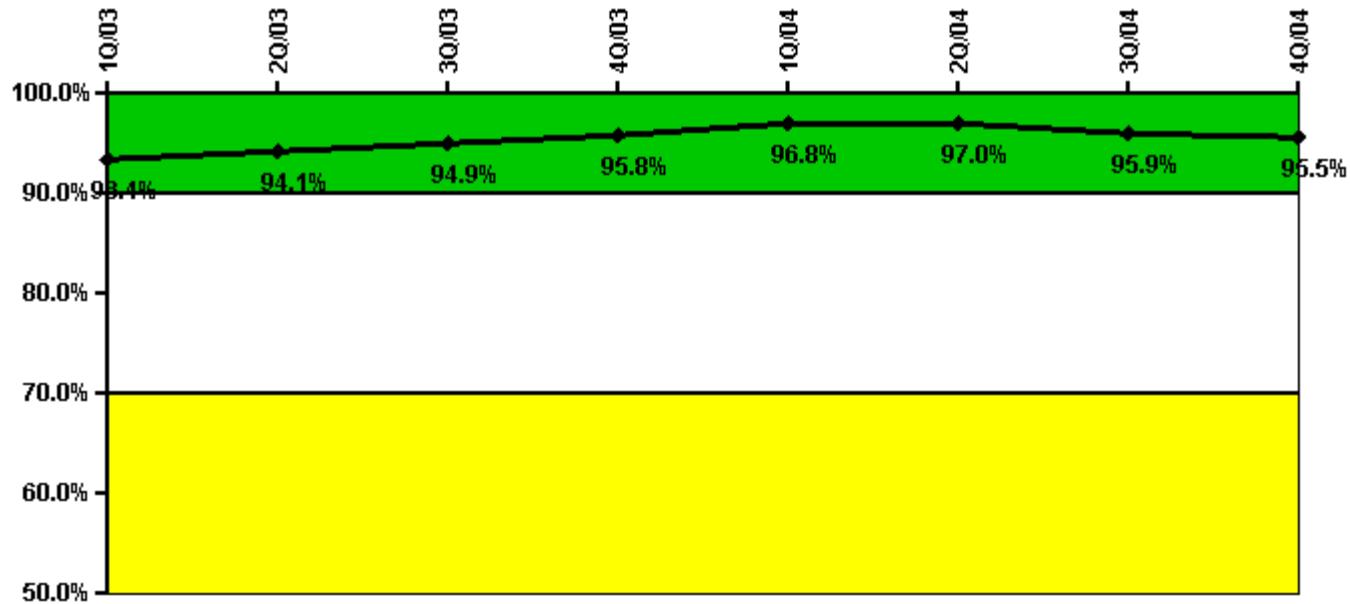
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Leakage | 1/03        | 2/03        | 3/03        | 4/03        | 5/03        | 6/03        | 7/03        | 8/03        | 9/03        | 10/03       | 11/03       | 12/03       |
|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Maximum leakage                | 2.700       | 2.900       | 2.900       | 3.000       | 3.700       | 3.700       | 3.800       | 3.800       | 3.800       | 3.800       | 3.800       | 3.900       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| Indicator value                | <b>10.8</b> | <b>11.6</b> | <b>11.6</b> | <b>12.0</b> | <b>14.8</b> | <b>14.8</b> | <b>15.2</b> | <b>15.2</b> | <b>15.2</b> | <b>15.2</b> | <b>15.2</b> | <b>15.6</b> |
| Reactor Coolant System Leakage | 1/04        | 2/04        | 3/04        | 4/04        | 5/04        | 6/04        | 7/04        | 8/04        | 9/04        | 10/04       | 11/04       | 12/04       |
| Maximum leakage                | 3.800       | 4.100       | 4.000       | 3.400       | 3.800       | 3.500       | 3.500       | 3.500       | 3.400       | 3.500       | 3.500       | 3.500       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| Indicator value                | <b>15.2</b> | <b>16.4</b> | <b>16.0</b> | <b>13.6</b> | <b>15.2</b> | <b>14.0</b> | <b>14.0</b> | <b>14.0</b> | <b>13.6</b> | <b>14.0</b> | <b>14.0</b> | <b>14.0</b> |

Licensee Comments: none

### Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

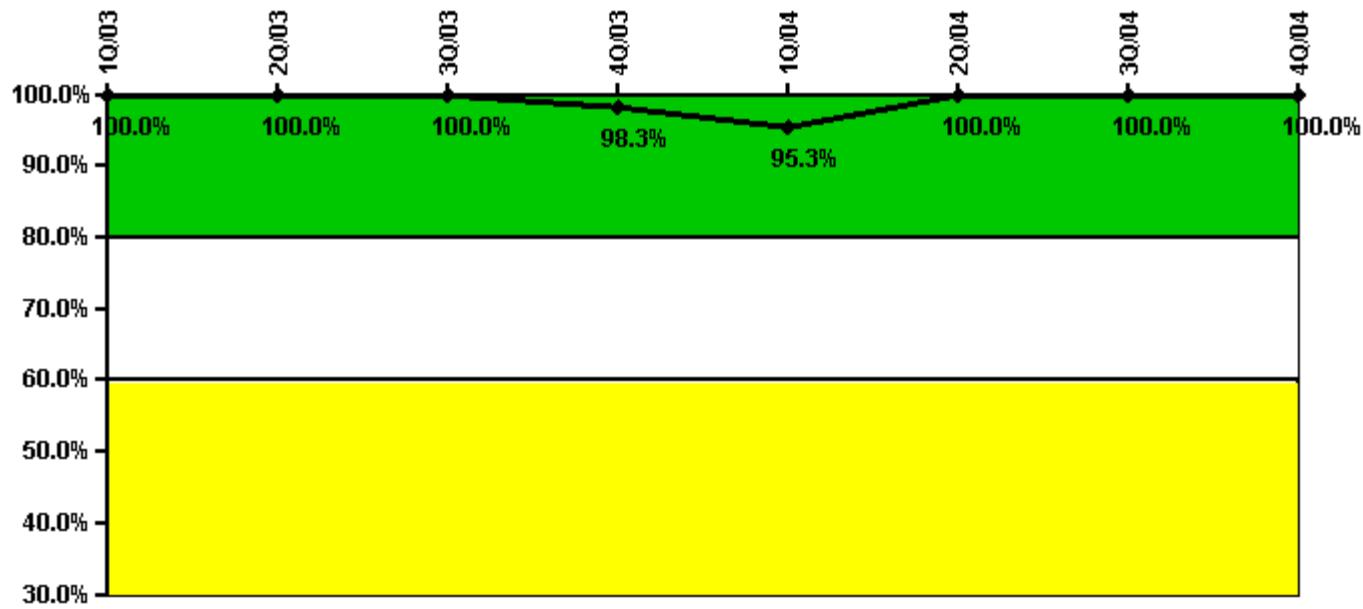
#### Notes

| Drill/Exercise Performance | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities   | 13.0  | 46.0  | 45.0  | 32.0  | 30.0  | 29.0  | 48.0  | 57.0  |
| Total opportunities        | 14.0  | 47.0  | 48.0  | 32.0  | 30.0  | 30.0  | 52.0  | 61.0  |
| Indicator value            | 93.4% | 94.1% | 94.9% | 95.8% | 96.8% | 97.0% | 95.9% | 95.5% |

Licensee Comments: none

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### ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

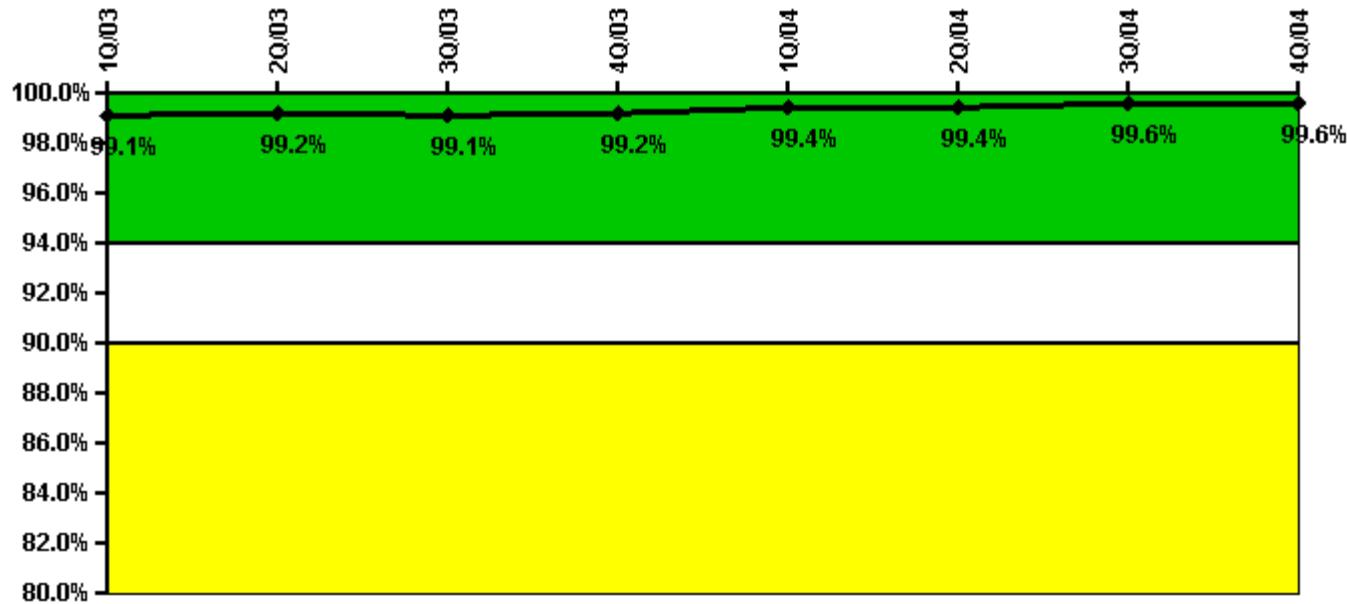
#### Notes

| ERO Drill Participation     | 1Q/03         | 2Q/03         | 3Q/03         | 4Q/03        | 1Q/04        | 2Q/04         | 3Q/04         | 4Q/04         |
|-----------------------------|---------------|---------------|---------------|--------------|--------------|---------------|---------------|---------------|
| Participating Key personnel | 54.0          | 53.0          | 56.0          | 59.0         | 61.0         | 65.0          | 64.0          | 67.0          |
| Total Key personnel         | 54.0          | 53.0          | 56.0          | 60.0         | 64.0         | 65.0          | 64.0          | 67.0          |
| <b>Indicator value</b>      | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>98.3%</b> | <b>95.3%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> |

Licensee Comments: none

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## Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

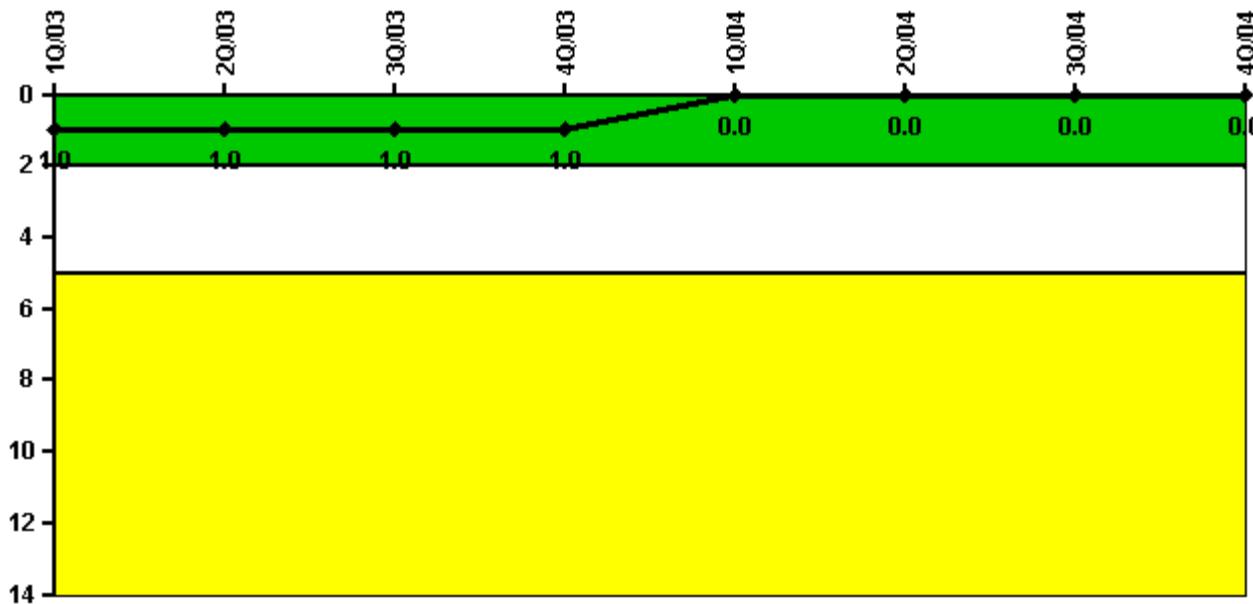
### Notes

| Alert & Notification System | 1Q/03        | 2Q/03        | 3Q/03        | 4Q/03        | 1Q/04        | 2Q/04        | 3Q/04        | 4Q/04        |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests      | 3129         | 3173         | 3159         | 3192         | 3194         | 3180         | 3230         | 3245         |
| Total sirens-tests          | 3150         | 3200         | 3200         | 3200         | 3200         | 3200         | 3250         | 3250         |
| <b>Indicator value</b>      | <b>99.1%</b> | <b>99.2%</b> | <b>99.1%</b> | <b>99.2%</b> | <b>99.4%</b> | <b>99.4%</b> | <b>99.6%</b> | <b>99.6%</b> |

Licensee Comments: none

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## Occupational Exposure Control Effectiveness



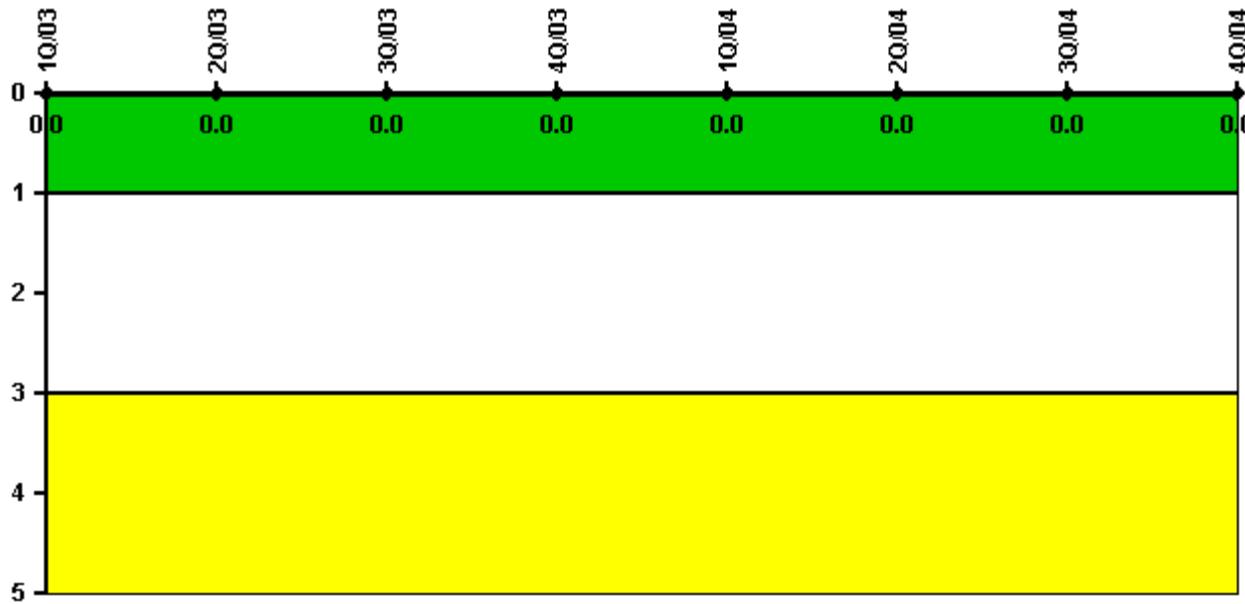
Thresholds: White > 2.0 Yellow > 5.0

### Notes

| Occupational Exposure Control Effectiveness | 1Q/03    | 2Q/03    | 3Q/03    | 4Q/03    | 1Q/04    | 2Q/04    | 3Q/04    | 4Q/04    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> |

Licensee Comments: none

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**RETS/ODCM Radiological Effluent**

Thresholds: White > 1.0 Yellow > 3.0

**Notes**

| RETS/ODCM Radiological Effluent | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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[Physical Protection](#) information not publicly available.

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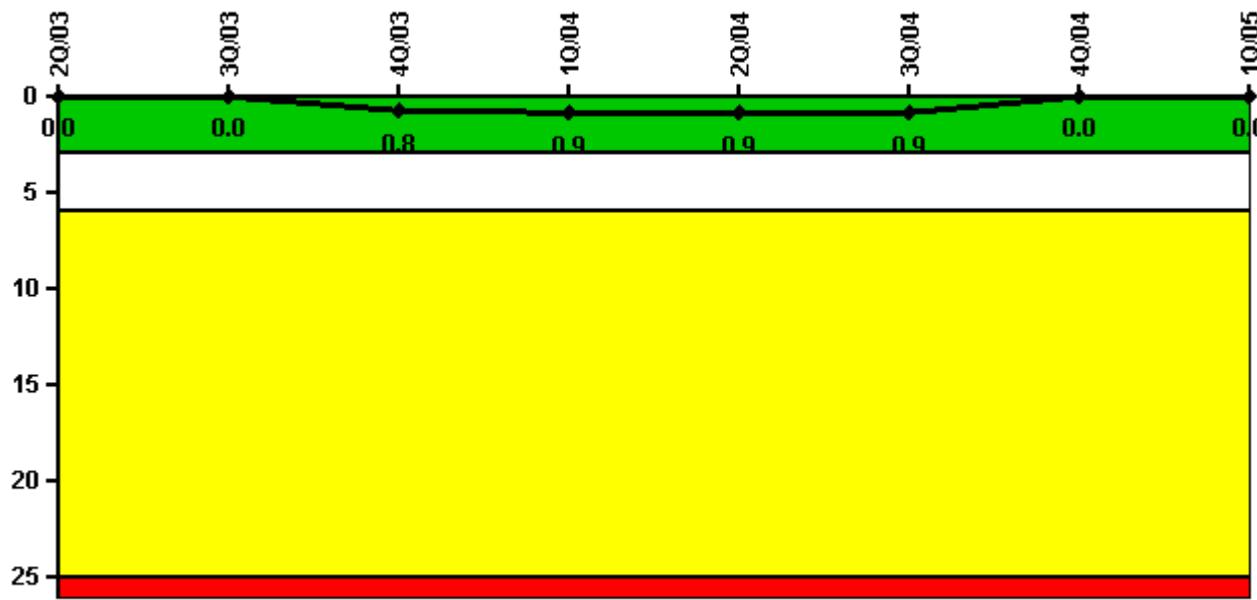


[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: March 9, 2005

**La Salle 1****1Q/2005 Performance Indicators**

Licensee's General Comments: none

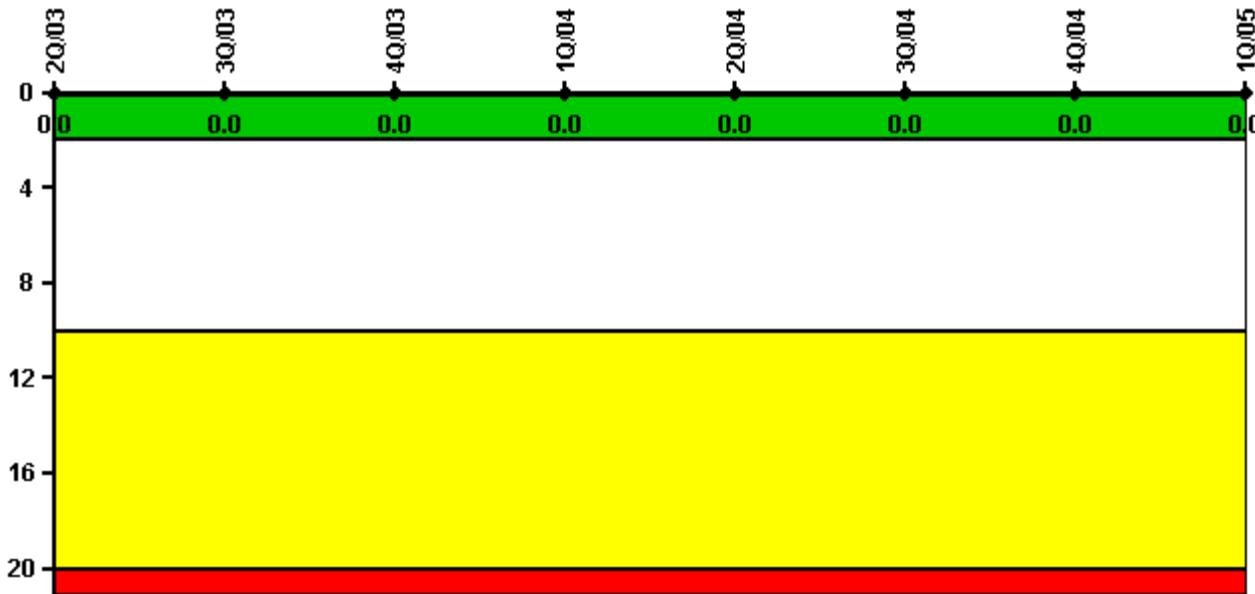
**Unplanned Scrams per 7000 Critical Hrs**

Thresholds: White &gt; 3.0 Yellow &gt; 6.0 Red &gt; 25.0

**Notes**

| Unplanned Scrams per 7000 Critical Hrs | 2Q/03    | 3Q/03    | 4Q/03      | 1Q/04      | 2Q/04      | 3Q/04      | 4Q/04    | 1Q/05    |
|--|----------|----------|------------|------------|------------|------------|----------|----------|
| Unplanned scrams                       | 0        | 0        | 1.0        | 0          | 0          | 0          | 0        | 0        |
| Critical hours                         | 2183.0   | 2208.0   | 2179.8     | 1489.1     | 2183.0     | 2208.0     | 2209.0   | 2160.0   |
| Indicator value                        | <b>0</b> | <b>0</b> | <b>0.8</b> | <b>0.9</b> | <b>0.9</b> | <b>0.9</b> | <b>0</b> | <b>0</b> |

Licensee Comments: none

**Scrams with Loss of Normal Heat Removal**

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

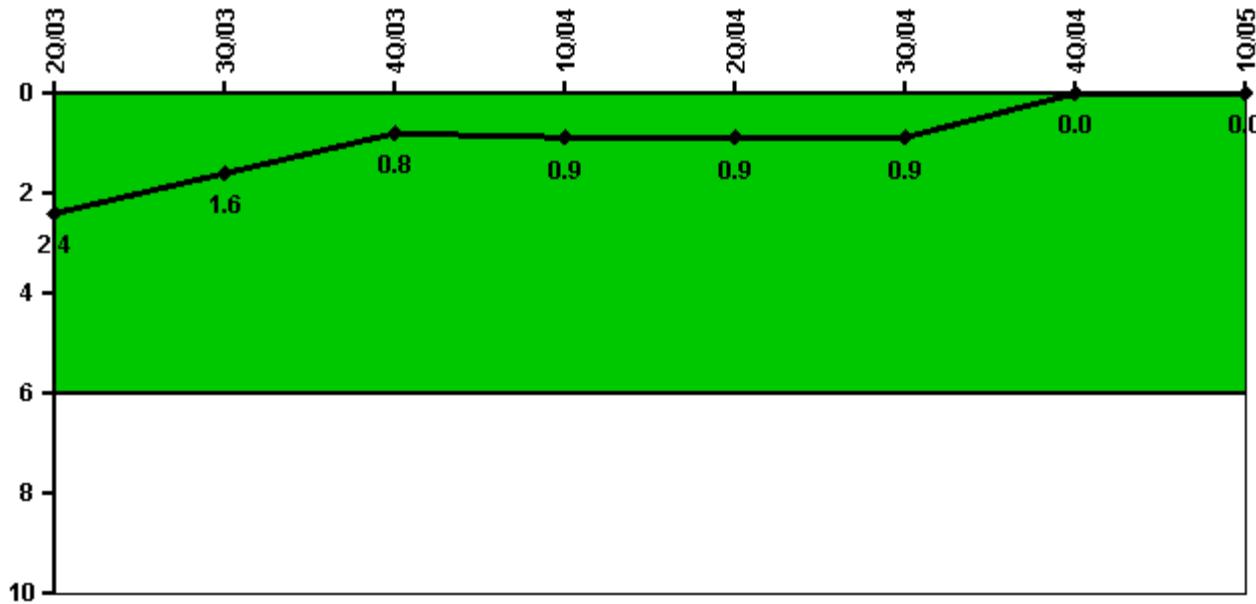
**Notes**

| Scrams with Loss of Normal Heat Removal | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams                                  | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                         | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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### Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

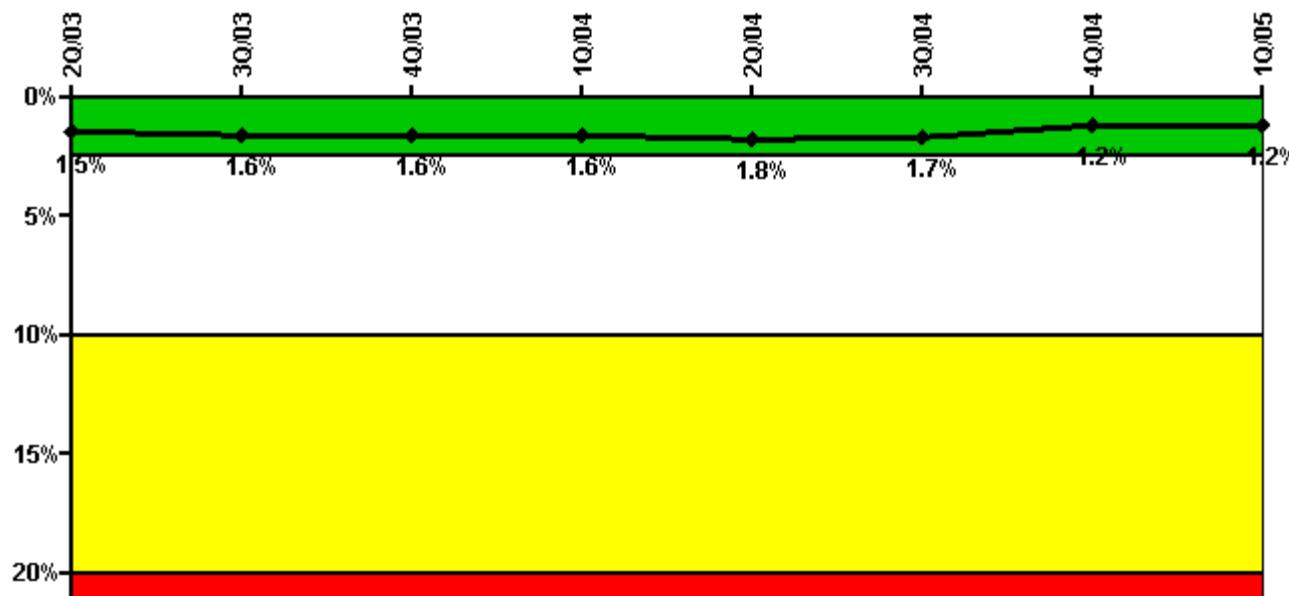
#### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 2Q/03      | 3Q/03      | 4Q/03      | 1Q/04      | 2Q/04      | 3Q/04      | 4Q/04    | 1Q/05    |
|---|------------|------------|------------|------------|------------|------------|----------|----------|
| Unplanned power changes                       | 0          | 0          | 1.0        | 0          | 0          | 0          | 0        | 0        |
| Critical hours                                | 2183.0     | 2208.0     | 2179.8     | 1489.1     | 2183.0     | 2208.0     | 2209.0   | 2160.0   |
| Indicator value                               | <b>2.4</b> | <b>1.6</b> | <b>0.8</b> | <b>0.9</b> | <b>0.9</b> | <b>0.9</b> | <b>0</b> | <b>0</b> |

Licensee Comments: none

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## Safety System Unavailability, Emergency AC Power, >2EDG



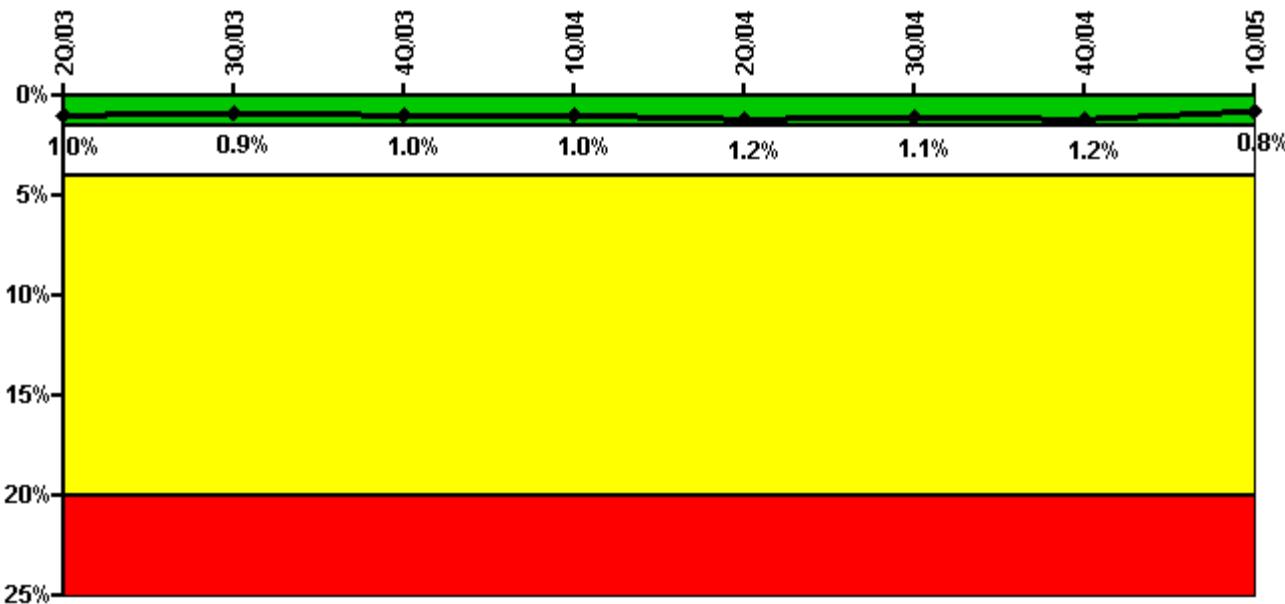
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

### Notes

| Safety System Unavailability, Emergency AC Power, >2EDG | 2Q/03       | 3Q/03       | 4Q/03       | 1Q/04       | 2Q/04       | 3Q/04       | 4Q/04       | 1Q/05       |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 21.60       | 43.63       | 7.52        | 0.50        | 58.03       | 7.65        | 14.42       | 8.05        |
| Unplanned unavailable hours                             | 51.15       | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Fault exposure hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2183.00     | 2208.00     | 2209.00     | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     |
| <b>Train 2</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 23.13       | 7.30        | 15.66       | 83.49       | 0.75        | 0.75        | 0.75        | 21.03       |
| Unplanned unavailable hours                             | 0.87        | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Fault exposure hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2183.00     | 2208.00     | 2209.00     | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     |
| <b>Train 3</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 104.83      | 0.75        | 45.03       | 0.75        | 91.30       | 0.75        | 39.62       | 0.75        |
| Unplanned unavailable hours                             | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Fault exposure hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2183.00     | 2208.00     | 2209.00     | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     |
| <b>Indicator value</b>                                  | <b>1.5%</b> | <b>1.6%</b> | <b>1.6%</b> | <b>1.6%</b> | <b>1.8%</b> | <b>1.7%</b> | <b>1.2%</b> | <b>1.2%</b> |

Licensee Comments: none

## Safety System Unavailability, High Pressure Injection System (HPCS)



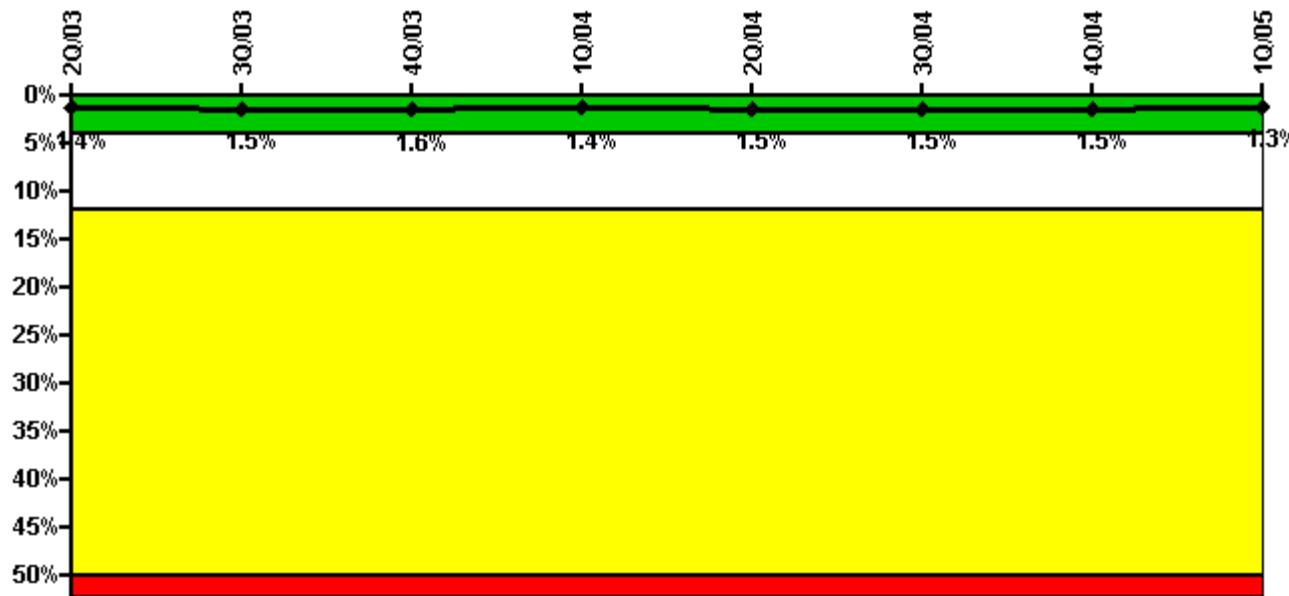
Thresholds: White > 1.5% Yellow > 4.0% Red > 20.0%

### Notes

| Safety System Unavailability, High Pressure Injection System (HPCS) | 2Q/03       | 3Q/03       | 4Q/03       | 1Q/04       | 2Q/04       | 3Q/04       | 4Q/04       | 1Q/05       |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours   | 62.85       | 0           | 20.57       | 0           | 85.17       | 0           | 41.92       | 0           |
| Unplanned unavailable hours   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Fault exposure hours  | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2183.00     | 2208.00     | 2179.80     | 1489.03     | 2183.00     | 2208.00     | 2209.00     | 2160.00     |
| <b>Indicator value</b>  | <b>1.0%</b> | <b>0.9%</b> | <b>1.0%</b> | <b>1.0%</b> | <b>1.2%</b> | <b>1.1%</b> | <b>1.2%</b> | <b>0.8%</b> |

Licensee Comments: none

## Safety System Unavailability, Heat Removal System (RCIC)



Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

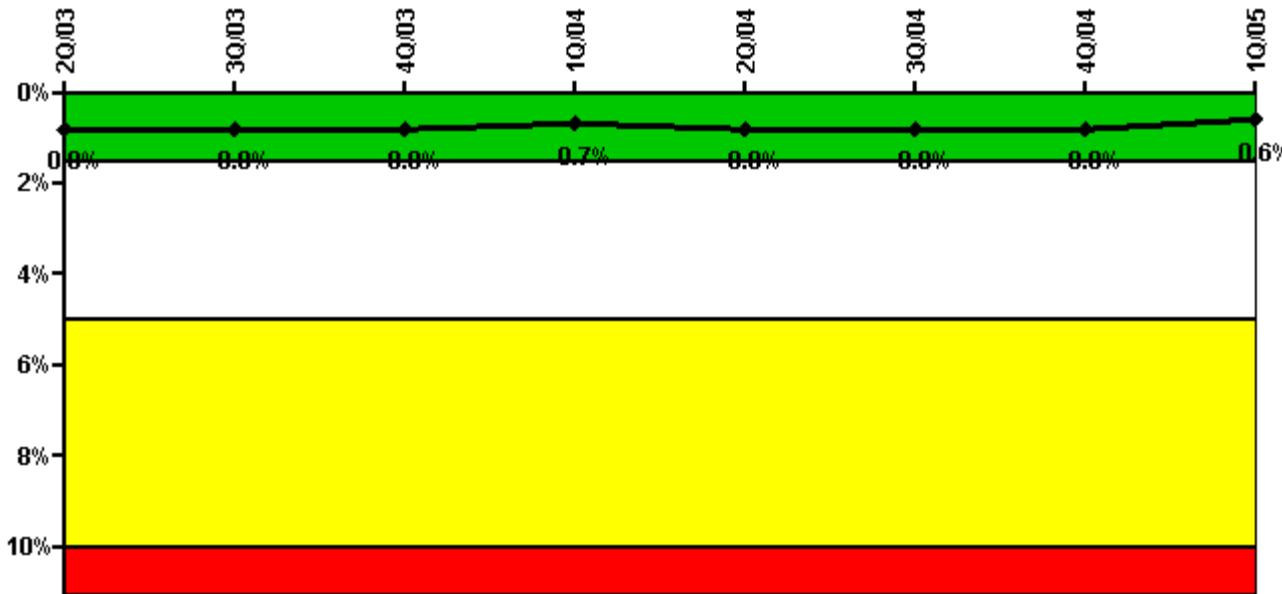
### Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 2Q/03       | 3Q/03       | 4Q/03       | 1Q/04       | 2Q/04       | 3Q/04       | 4Q/04       | 1Q/05       |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                | 40.40       | 15.12       | 37.50       | 18.03       | 16.95       | 5.80        | 24.70       | 0           |
| Unplanned unavailable hours                              | 6.60        | 9.10        | 0           | 2.12        | 0           | 0           | 30.10       | 0           |
| Fault exposure hours                                     | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 2183.00     | 2208.00     | 2179.80     | 1489.03     | 2183.00     | 2208.00     | 2209.00     | 2160.00     |
| <b>Indicator value</b>                                   | <b>1.4%</b> | <b>1.5%</b> | <b>1.6%</b> | <b>1.4%</b> | <b>1.5%</b> | <b>1.5%</b> | <b>1.5%</b> | <b>1.3%</b> |

Licensee Comments: none

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## Safety System Unavailability, Residual Heat Removal System

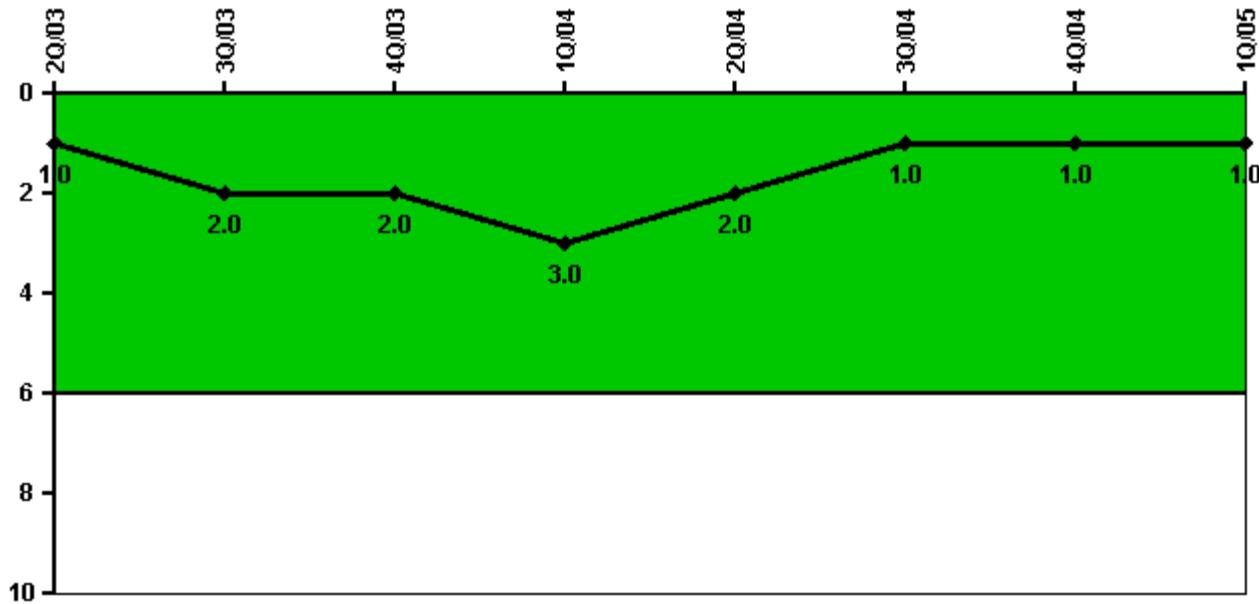


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

### Notes

| Safety System Unavailability, Residual Heat Removal System | 2Q/03       | 3Q/03       | 4Q/03       | 1Q/04       | 2Q/04       | 3Q/04       | 4Q/04       | 1Q/05       |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                  | 45.40       | 0           | 0           | 0           | 13.27       | 14.34       | 5.70        | 0           |
| Unplanned unavailable hours                                | 0           | 0           | 0           | 11.87       | 0           | 0.48        | 30.08       | 0           |
| Fault exposure hours                                       | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                      | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 2183.00     | 2208.00     | 2209.00     | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     |
| <b>Train 2</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                  | 13.70       | 17.30       | 0           | 14.49       | 32.97       | 0           | 0           | 7.63        |
| Unplanned unavailable hours                                | 1.00        | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Fault exposure hours                                       | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                      | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 2183.00     | 2208.00     | 2209.00     | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     |
| <b>Indicator value</b>                                     | <b>0.8%</b> | <b>0.8%</b> | <b>0.8%</b> | <b>0.7%</b> | <b>0.8%</b> | <b>0.8%</b> | <b>0.8%</b> | <b>0.6%</b> |

Licensee Comments: none

**Safety System Functional Failures (BWR)**

Thresholds: White > 6.0

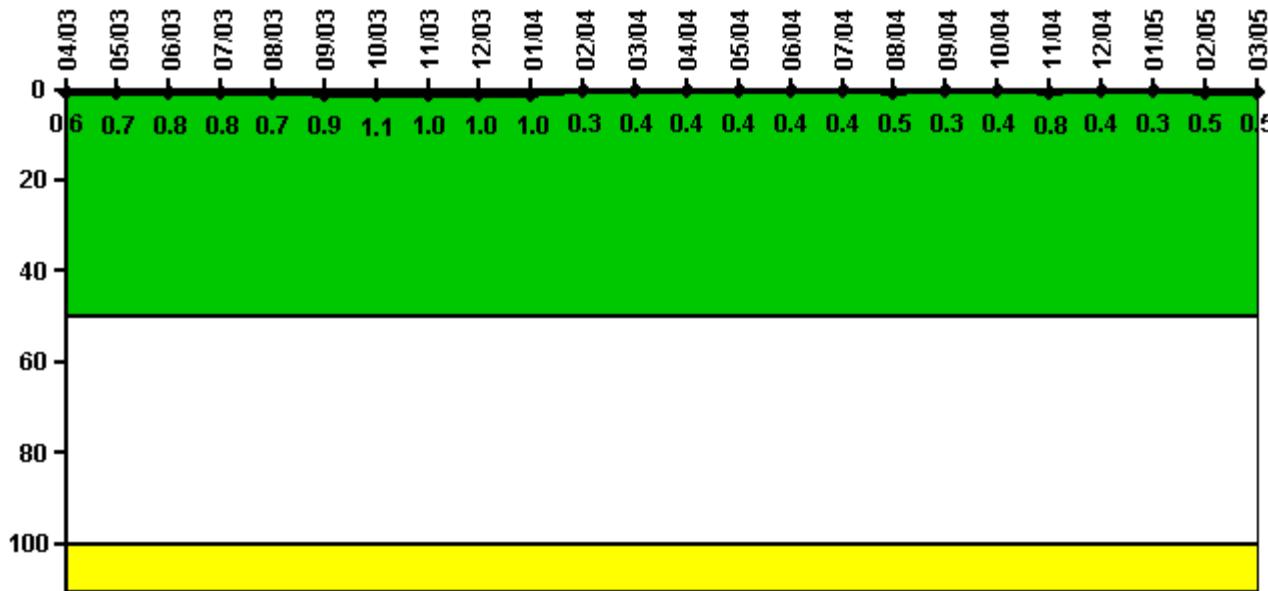
**Notes**

| Safety System Functional Failures (BWR) | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures       | 1     | 1     | 0     | 1     | 0     | 0     | 0     | 1     |
| Indicator value                         | 1     | 2     | 2     | 3     | 2     | 1     | 1     | 1     |

Licensee Comments: none

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## Reactor Coolant System Activity



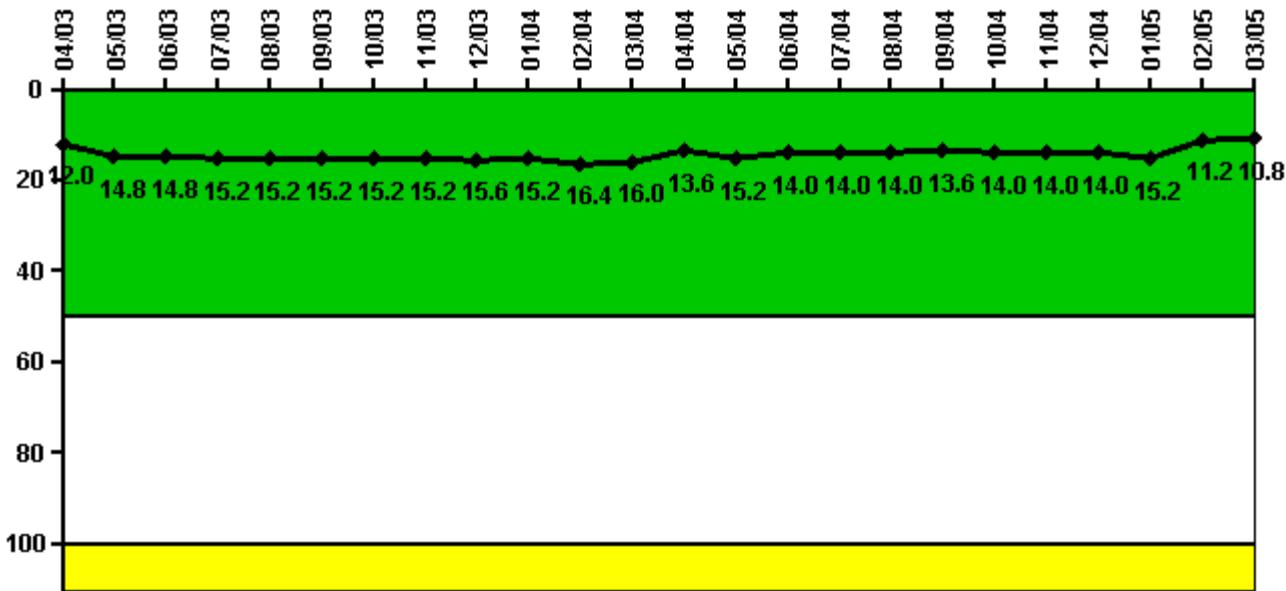
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Activity | 4/03       | 5/03       | 6/03       | 7/03       | 8/03       | 9/03       | 10/03      | 11/03      | 12/03      | 1/04       | 2/04       | 3/04       |
|---------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Maximum activity                | 0.001140   | 0.001310   | 0.001550   | 0.001610   | 0.001480   | 0.001810   | 0.002250   | 0.001950   | 0.002030   | 0.001920   | 0.000680   | 0.000898   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| Indicator value                 | <b>0.6</b> | <b>0.7</b> | <b>0.8</b> | <b>0.8</b> | <b>0.7</b> | <b>0.9</b> | <b>1.1</b> | <b>1.0</b> | <b>1.0</b> | <b>1.0</b> | <b>0.3</b> | <b>0.4</b> |
| Reactor Coolant System Activity | 4/04       | 5/04       | 6/04       | 7/04       | 8/04       | 9/04       | 10/04      | 11/04      | 12/04      | 1/05       | 2/05       | 3/05       |
| Maximum activity                | 0.000854   | 0.000748   | 0.000809   | 0.000897   | 0.000918   | 0.000684   | 0.000767   | 0.001600   | 0.000727   | 0.000698   | 0.000909   | 0.000988   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| Indicator value                 | <b>0.4</b> | <b>0.4</b> | <b>0.4</b> | <b>0.4</b> | <b>0.5</b> | <b>0.3</b> | <b>0.4</b> | <b>0.8</b> | <b>0.4</b> | <b>0.3</b> | <b>0.5</b> | <b>0.5</b> |

Licensee Comments: none

## Reactor Coolant System Leakage



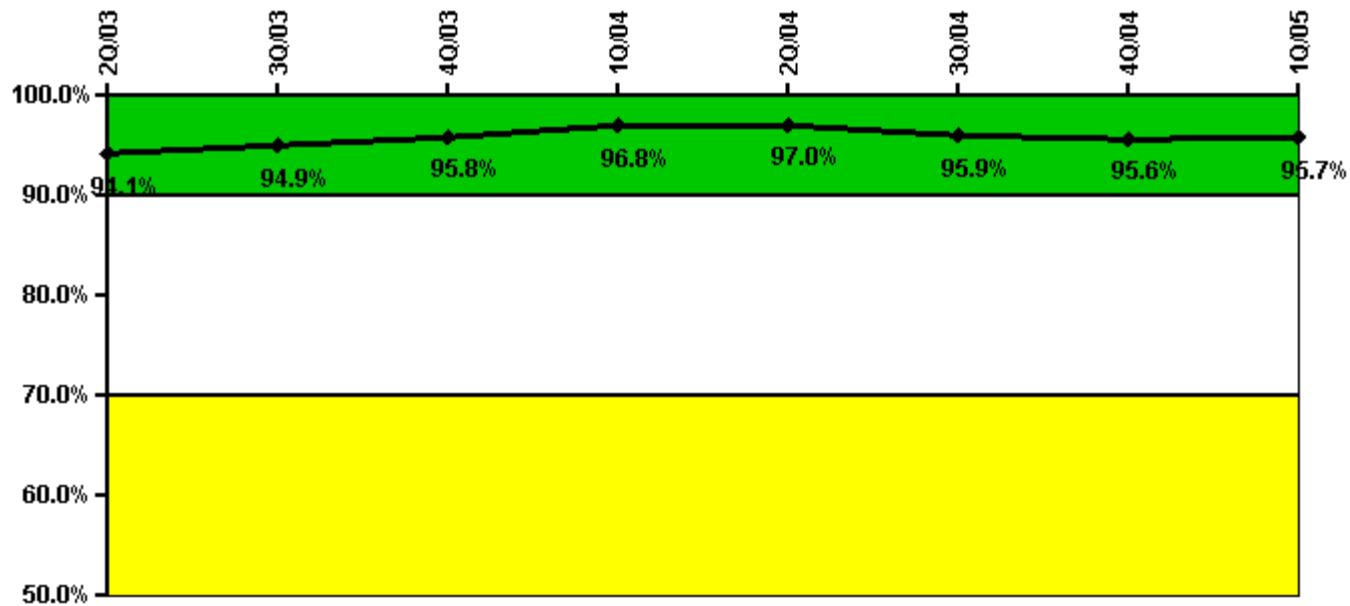
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Leakage | 4/03        | 5/03        | 6/03        | 7/03        | 8/03        | 9/03        | 10/03       | 11/03       | 12/03       | 1/04        | 2/04        | 3/04        |
|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Maximum leakage                | 3.000       | 3.700       | 3.700       | 3.800       | 3.800       | 3.800       | 3.800       | 3.800       | 3.900       | 3.800       | 4.100       | 4.000       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| <b>Indicator value</b>         | <b>12.0</b> | <b>14.8</b> | <b>14.8</b> | <b>15.2</b> | <b>15.2</b> | <b>15.2</b> | <b>15.2</b> | <b>15.2</b> | <b>15.6</b> | <b>15.2</b> | <b>16.4</b> | <b>16.0</b> |
| Reactor Coolant System Leakage | 4/04        | 5/04        | 6/04        | 7/04        | 8/04        | 9/04        | 10/04       | 11/04       | 12/04       | 1/05        | 2/05        | 3/05        |
| Maximum leakage                | 3.400       | 3.800       | 3.500       | 3.500       | 3.500       | 3.400       | 3.500       | 3.500       | 3.500       | 3.800       | 2.800       | 2.700       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| <b>Indicator value</b>         | <b>13.6</b> | <b>15.2</b> | <b>14.0</b> | <b>14.0</b> | <b>14.0</b> | <b>13.6</b> | <b>14.0</b> | <b>14.0</b> | <b>14.0</b> | <b>15.2</b> | <b>11.2</b> | <b>10.8</b> |

Licensee Comments: none

### Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

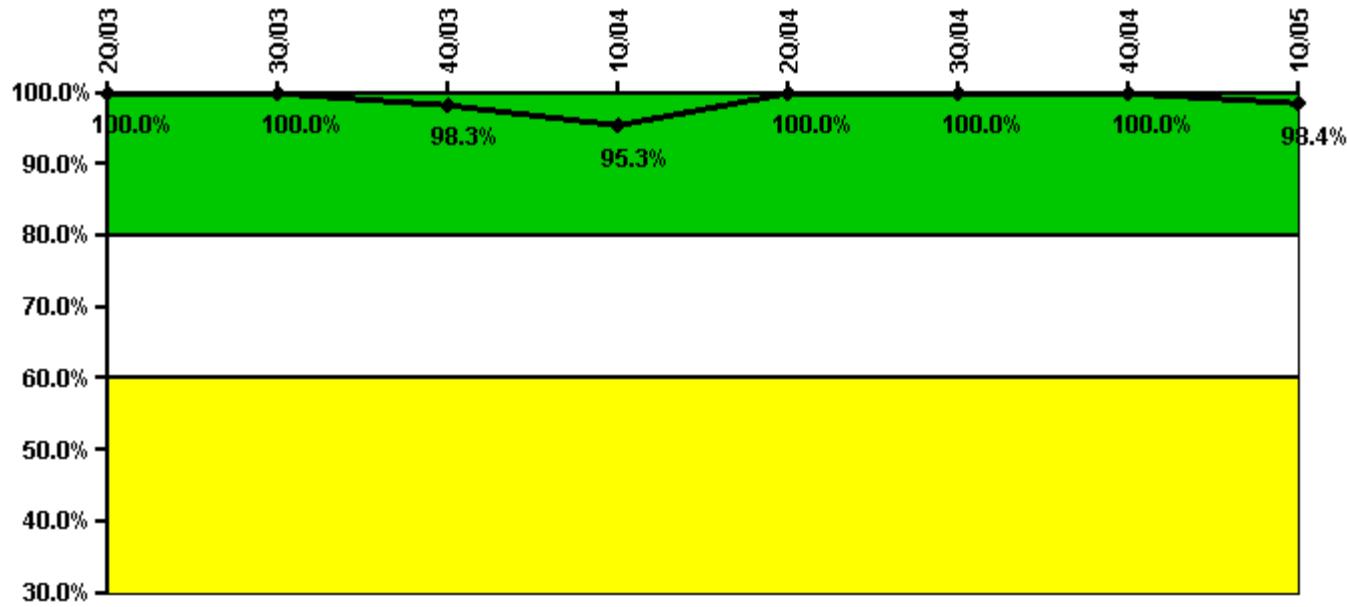
| Drill/Exercise Performance | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities   | 46.0  | 45.0  | 32.0  | 30.0  | 29.0  | 48.0  | 60.0  | 2.0   |
| Total opportunities        | 47.0  | 48.0  | 32.0  | 30.0  | 30.0  | 52.0  | 64.0  | 2.0   |
| Indicator value            | 94.1% | 94.9% | 95.8% | 96.8% | 97.0% | 95.9% | 95.6% | 95.7% |

#### Licensee Comments:

1Q/05: The ERO Drill/Exercise Performance PI Data for November 2004 has been revised to 40 successes out of 42 opportunities, up from 37 successes out of 39 opportunities. Three additional opportunities and successes were identified during a recent assessment. This occurrence has been entered into the corrective action program.

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### ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

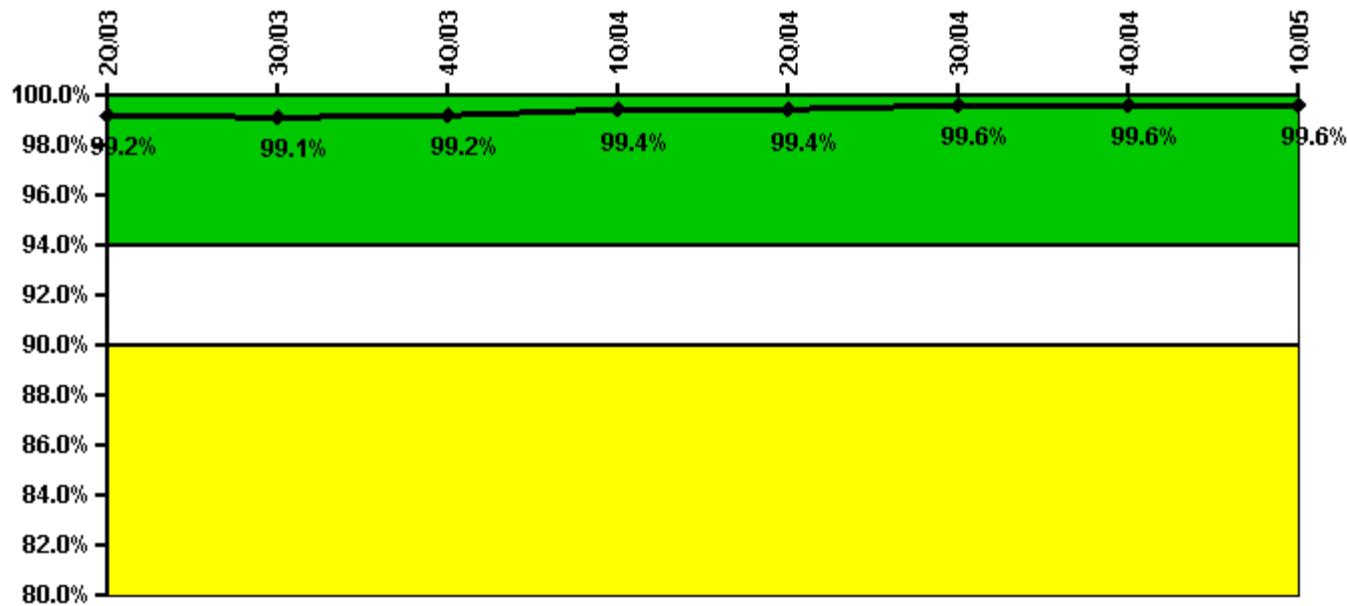
#### Notes

| ERO Drill Participation     | 2Q/03         | 3Q/03         | 4Q/03        | 1Q/04        | 2Q/04         | 3Q/04         | 4Q/04         | 1Q/05        |
|-----------------------------|---------------|---------------|--------------|--------------|---------------|---------------|---------------|--------------|
| Participating Key personnel | 53.0          | 56.0          | 59.0         | 61.0         | 65.0          | 64.0          | 67.0          | 62.0         |
| Total Key personnel         | 53.0          | 56.0          | 60.0         | 64.0         | 65.0          | 64.0          | 67.0          | 63.0         |
| <b>Indicator value</b>      | <b>100.0%</b> | <b>100.0%</b> | <b>98.3%</b> | <b>95.3%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>98.4%</b> |

Licensee Comments: none

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## Alert & Notification System



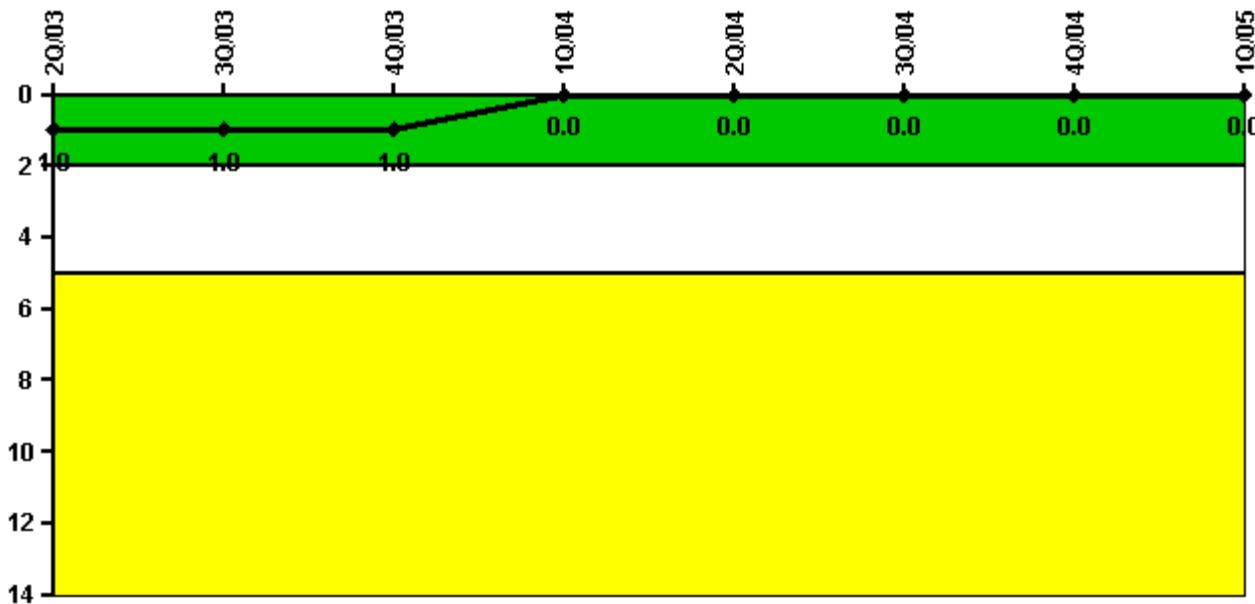
Thresholds: White < 94.0% Yellow < 90.0%

### Notes

| Alert & Notification System | 2Q/03        | 3Q/03        | 4Q/03        | 1Q/04        | 2Q/04        | 3Q/04        | 4Q/04        | 1Q/05        |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests      | 3173         | 3159         | 3192         | 3194         | 3180         | 3230         | 3245         | 3195         |
| Total sirens-tests          | 3200         | 3200         | 3200         | 3200         | 3200         | 3250         | 3250         | 3200         |
| <b>Indicator value</b>      | <b>99.2%</b> | <b>99.1%</b> | <b>99.2%</b> | <b>99.4%</b> | <b>99.4%</b> | <b>99.6%</b> | <b>99.6%</b> | <b>99.6%</b> |

Licensee Comments: none

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**Occupational Exposure Control Effectiveness**

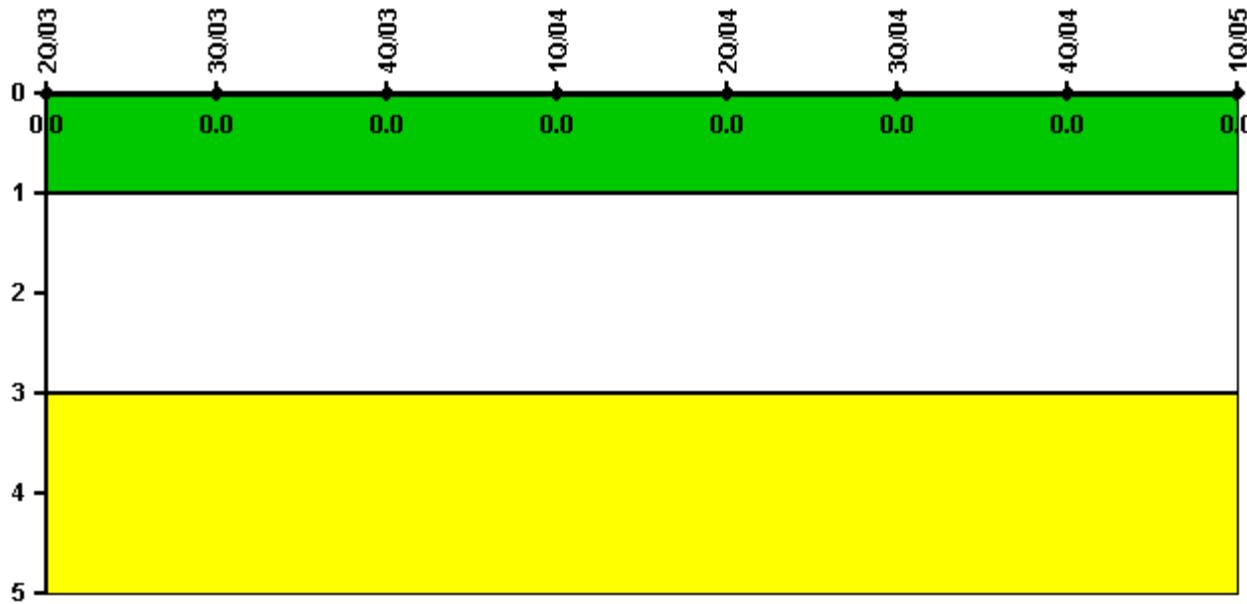
Thresholds: White > 2.0 Yellow > 5.0

**Notes**

| Occupational Exposure Control Effectiveness | 2Q/03    | 3Q/03    | 4Q/03    | 1Q/04    | 2Q/04    | 3Q/04    | 4Q/04    | 1Q/05    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>1</b> | <b>1</b> | <b>1</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> |

Licensee Comments: none

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**RETS/ODCM Radiological Effluent**

Thresholds: White > 1.0 Yellow > 3.0

**Notes**

| RETS/ODCM Radiological Effluent | 2Q/03    | 3Q/03    | 4Q/03    | 1Q/04    | 2Q/04    | 3Q/04    | 4Q/04    | 1Q/05    |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| RETS/ODCM occurrences           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Indicator value                 | <b>0</b> |

Licensee Comments: none

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[Physical Protection](#) information not publicly available.

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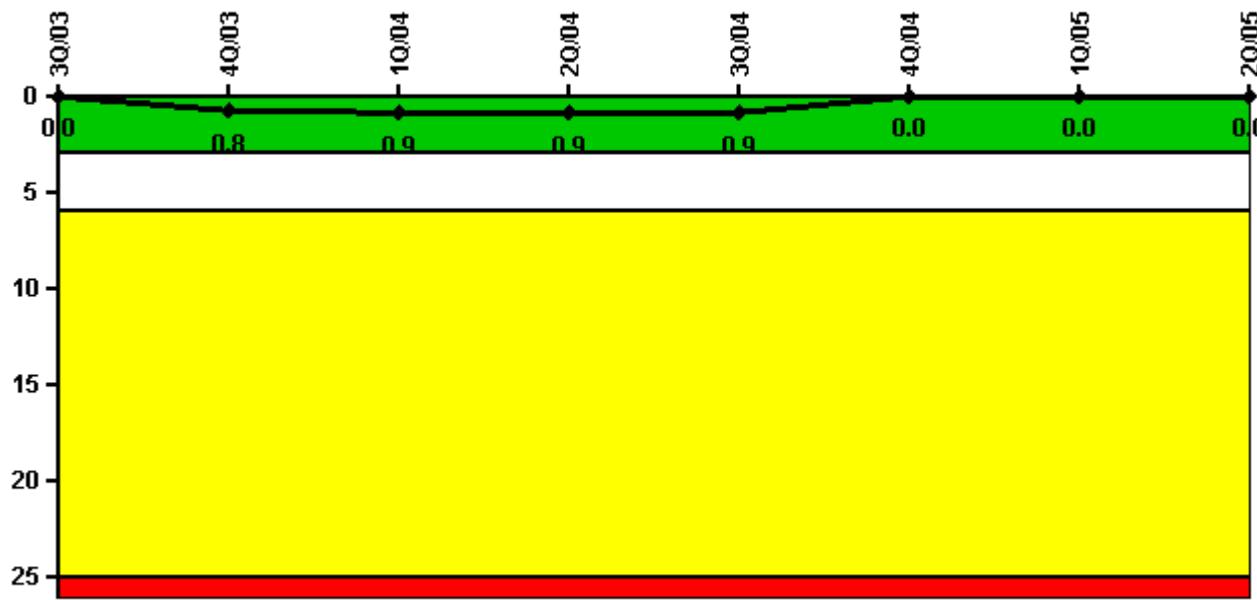


[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: June 17, 2005

**La Salle 1****2Q/2005 Performance Indicators**

Licensee's General Comments: none

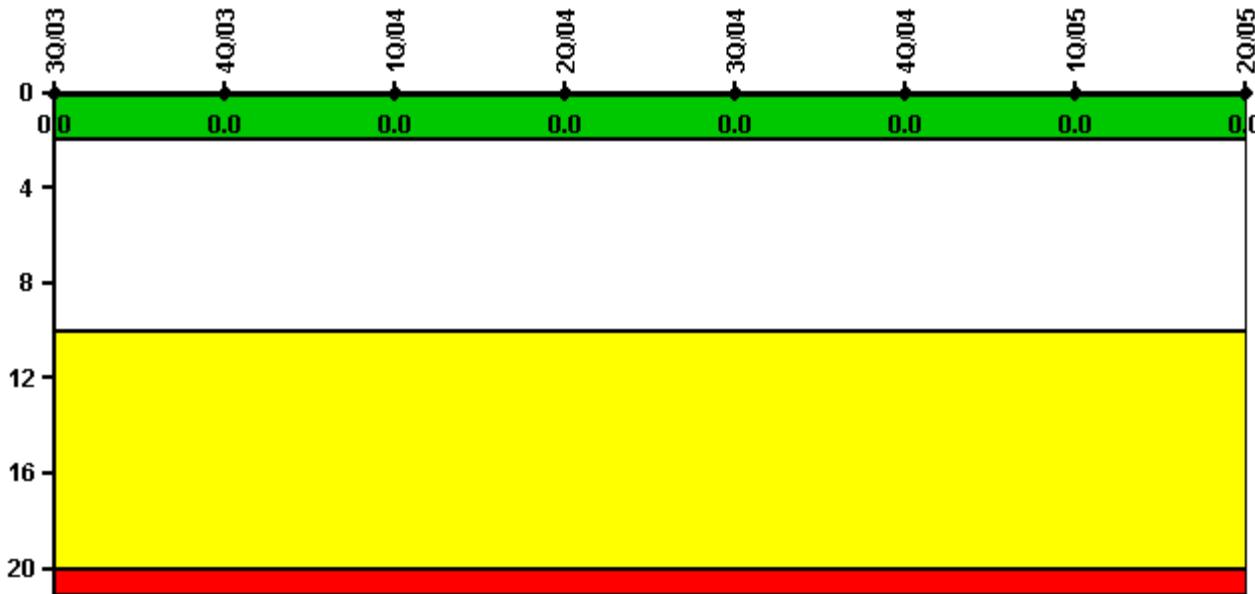
**Unplanned Scrams per 7000 Critical Hrs**

Thresholds: White &gt; 3.0 Yellow &gt; 6.0 Red &gt; 25.0

**Notes**

| Unplanned Scrams per 7000 Critical Hrs | 3Q/03    | 4Q/03      | 1Q/04      | 2Q/04      | 3Q/04      | 4Q/04    | 1Q/05    | 2Q/05    |
|--|----------|------------|------------|------------|------------|----------|----------|----------|
| Unplanned scrams                       | 0        | 1.0        | 0          | 0          | 0          | 0        | 0        | 0        |
| Critical hours                         | 2208.0   | 2179.8     | 1489.1     | 2183.0     | 2208.0     | 2209.0   | 2160.0   | 2183.0   |
| Indicator value                        | <b>0</b> | <b>0.8</b> | <b>0.9</b> | <b>0.9</b> | <b>0.9</b> | <b>0</b> | <b>0</b> | <b>0</b> |

Licensee Comments: none

**Scrams with Loss of Normal Heat Removal**

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

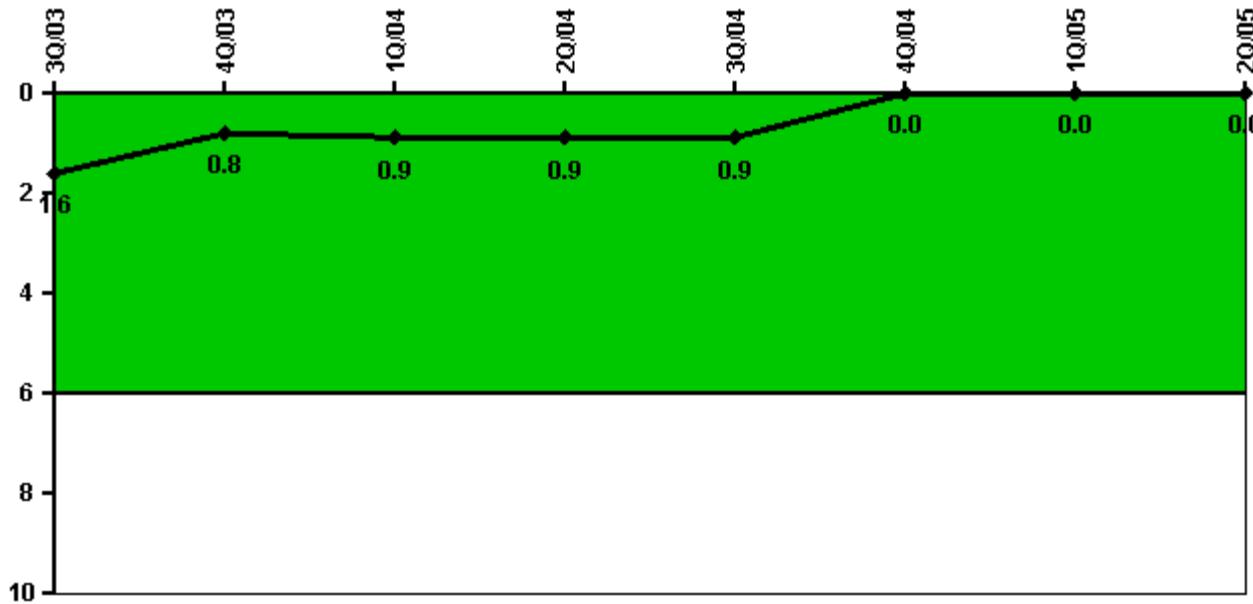
**Notes**

| Scrams with Loss of Normal Heat Removal | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams                                  | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                         | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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### Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

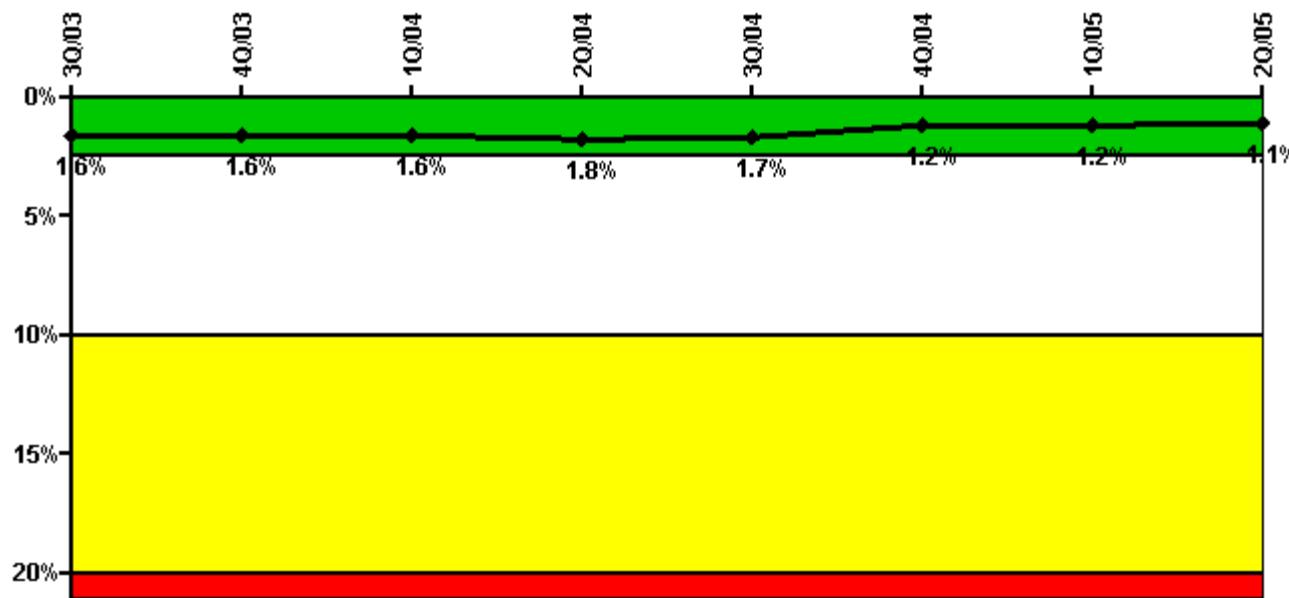
#### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 3Q/03      | 4Q/03      | 1Q/04      | 2Q/04      | 3Q/04      | 4Q/04    | 1Q/05    | 2Q/05    |
|---|------------|------------|------------|------------|------------|----------|----------|----------|
| Unplanned power changes                       | 0          | 1.0        | 0          | 0          | 0          | 0        | 0        | 0        |
| Critical hours                                | 2208.0     | 2179.8     | 1489.1     | 2183.0     | 2208.0     | 2209.0   | 2160.0   | 2183.0   |
| Indicator value                               | <b>1.6</b> | <b>0.8</b> | <b>0.9</b> | <b>0.9</b> | <b>0.9</b> | <b>0</b> | <b>0</b> | <b>0</b> |

Licensee Comments: none

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## Safety System Unavailability, Emergency AC Power, >2EDG



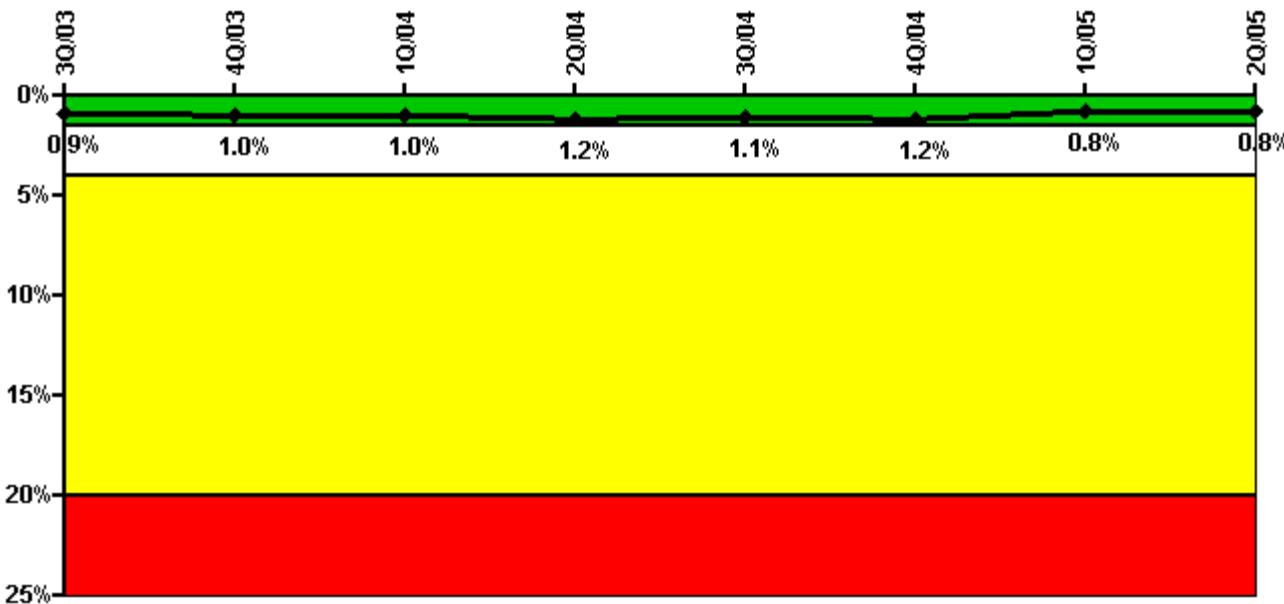
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

### Notes

| Safety System Unavailability, Emergency AC Power, >2EDG | 3Q/03       | 4Q/03       | 1Q/04       | 2Q/04       | 3Q/04       | 4Q/04       | 1Q/05       | 2Q/05       |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 43.63       | 7.52        | 0.50        | 58.03       | 7.65        | 14.42       | 8.05        | 18.67       |
| Unplanned unavailable hours                             | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Fault exposure hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2208.00     | 2209.00     | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     |
| <b>Train 2</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 7.30        | 15.66       | 83.49       | 0.75        | 0.75        | 0.75        | 21.03       | 0.75        |
| Unplanned unavailable hours                             | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Fault exposure hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2208.00     | 2209.00     | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     |
| <b>Train 3</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 0.75        | 45.03       | 0.75        | 91.30       | 0.75        | 39.62       | 0.75        | 0.75        |
| Unplanned unavailable hours                             | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Fault exposure hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2208.00     | 2209.00     | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     |
| <b>Indicator value</b>                                  | <b>1.6%</b> | <b>1.6%</b> | <b>1.6%</b> | <b>1.8%</b> | <b>1.7%</b> | <b>1.2%</b> | <b>1.2%</b> | <b>1.1%</b> |

Licensee Comments: none

## Safety System Unavailability, High Pressure Injection System (HPCS)



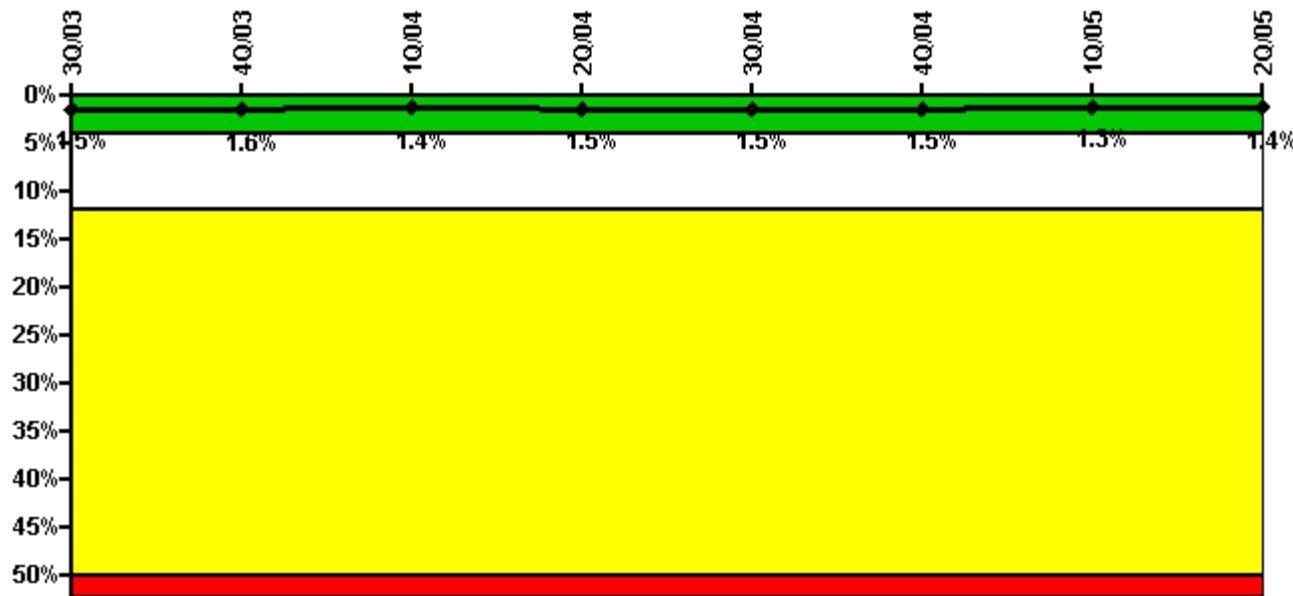
Thresholds: White > 1.5% Yellow > 4.0% Red > 20.0%

### Notes

| Safety System Unavailability, High Pressure Injection System (HPCS) | 3Q/03       | 4Q/03       | 1Q/04       | 2Q/04       | 3Q/04       | 4Q/04       | 1Q/05       | 2Q/05       |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours   | 0           | 20.57       | 0           | 85.17       | 0           | 41.92       | 0           | 0           |
| Unplanned unavailable hours   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Fault exposure hours  | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2208.00     | 2179.80     | 1489.03     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     |
| <b>Indicator value</b>  | <b>0.9%</b> | <b>1.0%</b> | <b>1.0%</b> | <b>1.2%</b> | <b>1.1%</b> | <b>1.2%</b> | <b>0.8%</b> | <b>0.8%</b> |

Licensee Comments: none

## Safety System Unavailability, Heat Removal System (RCIC)



Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

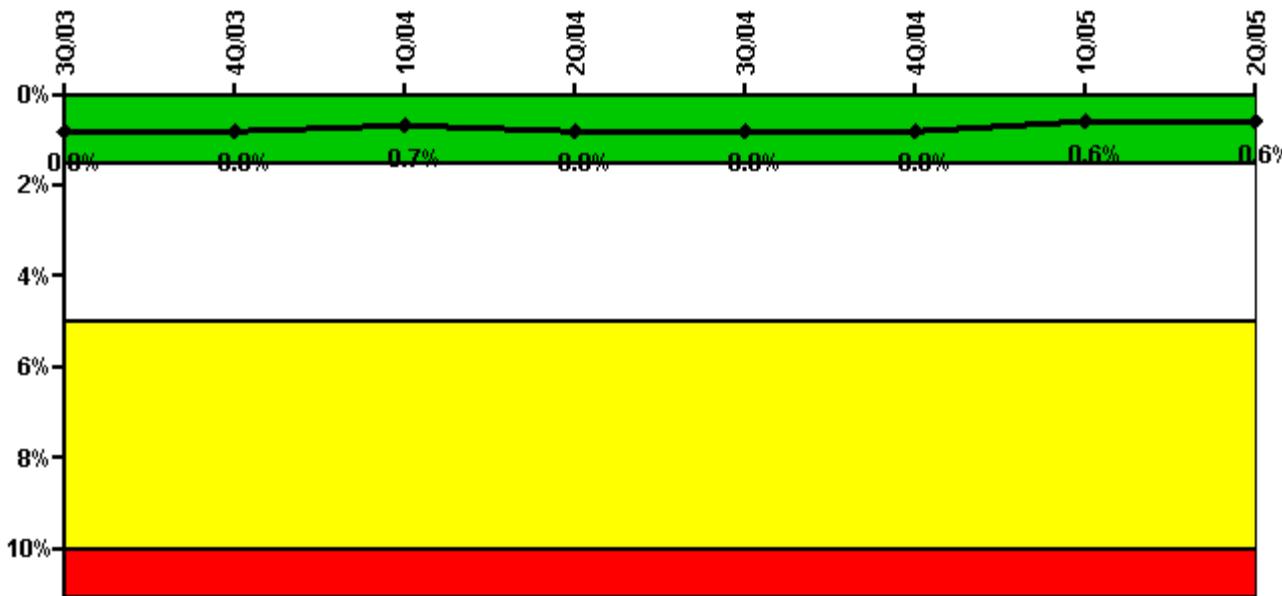
### Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 3Q/03       | 4Q/03       | 1Q/04       | 2Q/04       | 3Q/04       | 4Q/04       | 1Q/05       | 2Q/05       |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                | 15.12       | 37.50       | 18.03       | 16.95       | 5.80        | 24.70       | 0           | 36.60       |
| Unplanned unavailable hours                              | 9.10        | 0           | 2.12        | 0           | 0           | 30.10       | 0           | 15.20       |
| Fault exposure hours                                     | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 2208.00     | 2179.80     | 1489.03     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     |
| <b>Indicator value</b>                                   | <b>1.5%</b> | <b>1.6%</b> | <b>1.4%</b> | <b>1.5%</b> | <b>1.5%</b> | <b>1.5%</b> | <b>1.3%</b> | <b>1.4%</b> |

Licensee Comments: none

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## **Safety System Unavailability, Residual Heat Removal System**

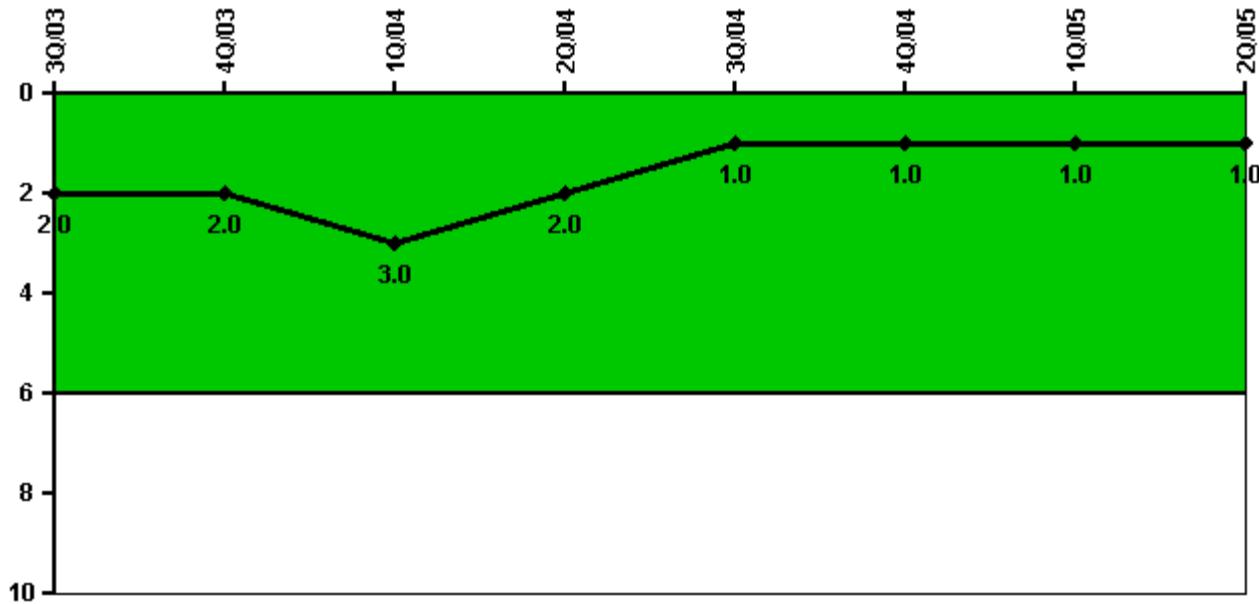


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

### Notes

| Safety System Unavailability, Residual Heat Removal System | 3Q/03       | 4Q/03       | 1Q/04       | 2Q/04       | 3Q/04       | 4Q/04       | 1Q/05       | 2Q/05       |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                  | 0           | 0           | 0           | 13.27       | 14.34       | 5.70        | 0           | 6.73        |
| Unplanned unavailable hours                                | 0           | 0           | 11.87       | 0           | 0.48        | 30.08       | 0           | 0           |
| Fault exposure hours                                       | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                      | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 2208.00     | 2209.00     | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     |
| <b>Train 2</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                  | 17.30       | 0           | 14.49       | 32.97       | 0           | 0           | 7.63        | 15.63       |
| Unplanned unavailable hours                                | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Fault exposure hours                                       | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                      | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 2208.00     | 2209.00     | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     |
| <b>Indicator value</b>                                     | <b>0.8%</b> | <b>0.8%</b> | <b>0.7%</b> | <b>0.8%</b> | <b>0.8%</b> | <b>0.8%</b> | <b>0.6%</b> | <b>0.6%</b> |

Licensee Comments: none

**Safety System Functional Failures (BWR)**

Thresholds: White > 6.0

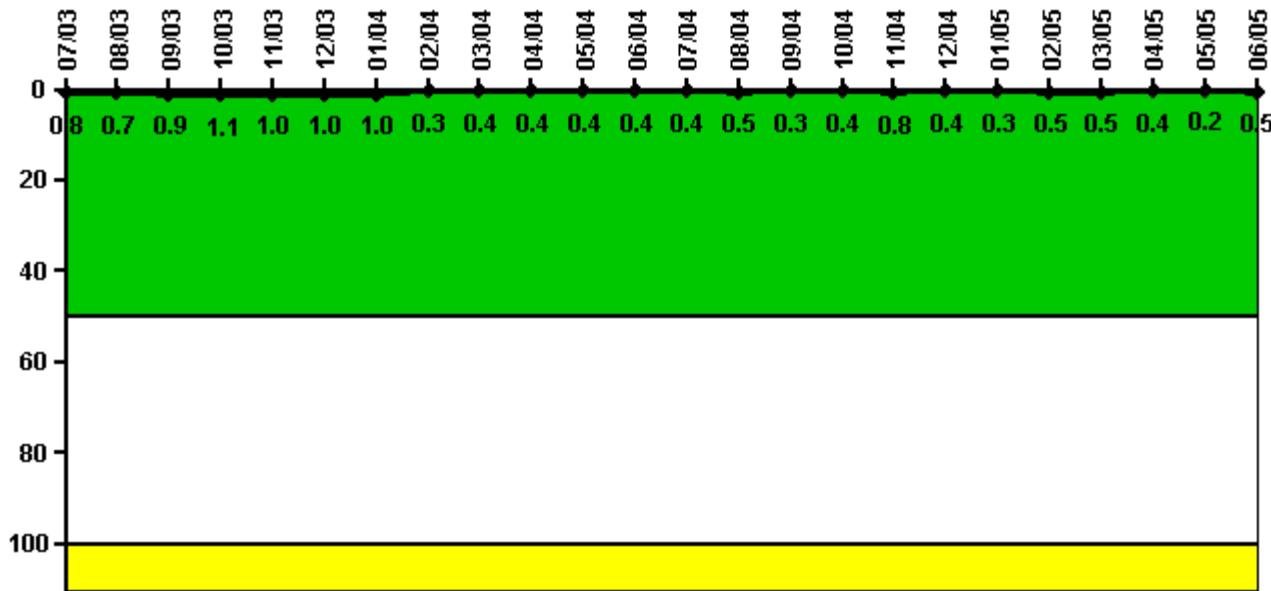
**Notes**

| Safety System Functional Failures (BWR) | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures       | 1     | 0     | 1     | 0     | 0     | 0     | 1     | 0     |
| Indicator value                         | 2     | 2     | 3     | 2     | 1     | 1     | 1     | 1     |

Licensee Comments: none

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## Reactor Coolant System Activity



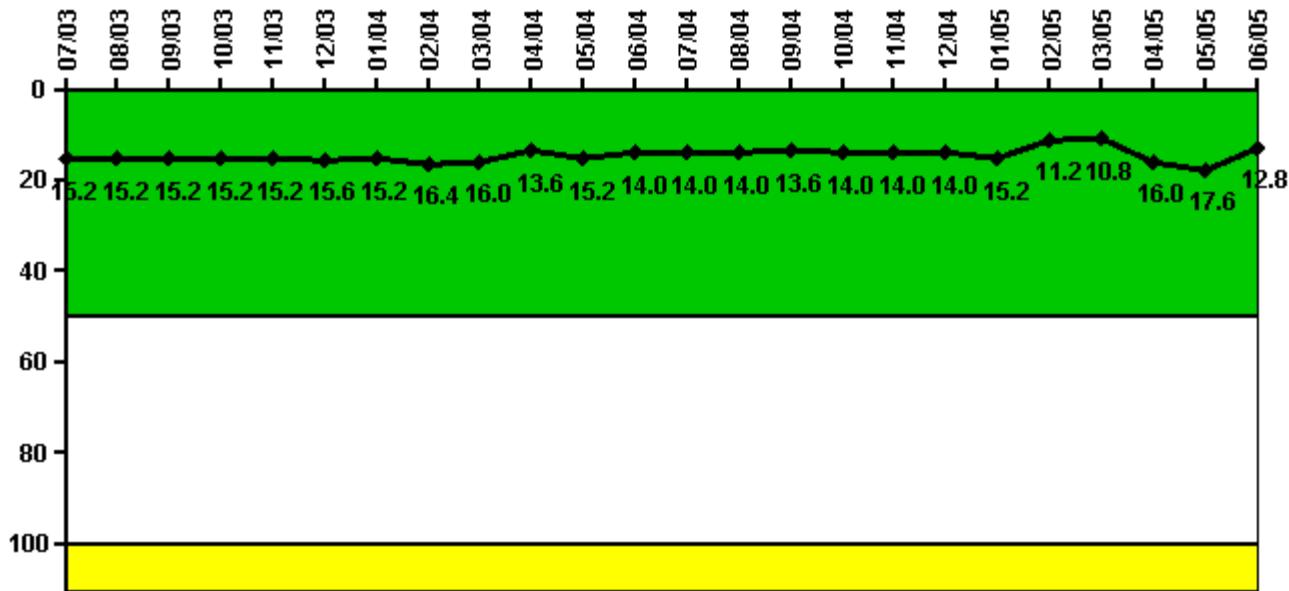
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Activity | 7/03       | 8/03       | 9/03       | 10/03      | 11/03      | 12/03      | 1/04       | 2/04       | 3/04       | 4/04       | 5/04       | 6/04       |
|---------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Maximum activity                | 0.001610   | 0.001480   | 0.001810   | 0.002250   | 0.001950   | 0.002030   | 0.001920   | 0.000680   | 0.000898   | 0.000854   | 0.000748   | 0.000809   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| Indicator value                 | <b>0.8</b> | <b>0.7</b> | <b>0.9</b> | <b>1.1</b> | <b>1.0</b> | <b>1.0</b> | <b>1.0</b> | <b>0.3</b> | <b>0.4</b> | <b>0.4</b> | <b>0.4</b> | <b>0.4</b> |
| Reactor Coolant System Activity | 7/04       | 8/04       | 9/04       | 10/04      | 11/04      | 12/04      | 1/05       | 2/05       | 3/05       | 4/05       | 5/05       | 6/05       |
| Maximum activity                | 0.000897   | 0.000918   | 0.000684   | 0.000767   | 0.001600   | 0.000727   | 0.000698   | 0.000909   | 0.000988   | 0.000878   | 0.000466   | 0.000958   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| Indicator value                 | <b>0.4</b> | <b>0.5</b> | <b>0.3</b> | <b>0.4</b> | <b>0.8</b> | <b>0.4</b> | <b>0.3</b> | <b>0.5</b> | <b>0.5</b> | <b>0.4</b> | <b>0.2</b> | <b>0.5</b> |

Licensee Comments: none

## Reactor Coolant System Leakage



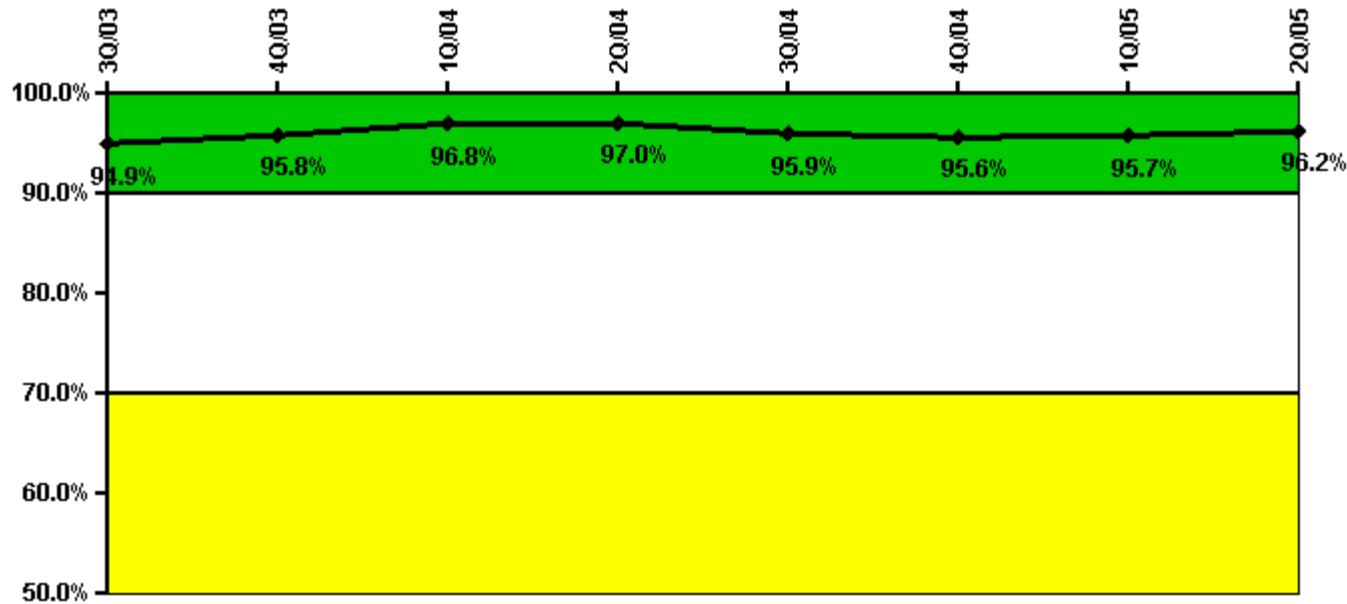
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Leakage | 7/03        | 8/03        | 9/03        | 10/03       | 11/03       | 12/03       | 1/04        | 2/04        | 3/04        | 4/04        | 5/04        | 6/04        |
|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Maximum leakage                | 3.800       | 3.800       | 3.800       | 3.800       | 3.800       | 3.900       | 3.800       | 4.100       | 4.000       | 3.400       | 3.800       | 3.500       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| <b>Indicator value</b>         | <b>15.2</b> | <b>15.2</b> | <b>15.2</b> | <b>15.2</b> | <b>15.2</b> | <b>15.6</b> | <b>15.2</b> | <b>16.4</b> | <b>16.0</b> | <b>13.6</b> | <b>15.2</b> | <b>14.0</b> |
| Reactor Coolant System Leakage | 7/04        | 8/04        | 9/04        | 10/04       | 11/04       | 12/04       | 1/05        | 2/05        | 3/05        | 4/05        | 5/05        | 6/05        |
| Maximum leakage                | 3.500       | 3.500       | 3.400       | 3.500       | 3.500       | 3.500       | 3.800       | 2.800       | 2.700       | 4.000       | 4.400       | 3.200       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| <b>Indicator value</b>         | <b>14.0</b> | <b>14.0</b> | <b>13.6</b> | <b>14.0</b> | <b>14.0</b> | <b>14.0</b> | <b>15.2</b> | <b>11.2</b> | <b>10.8</b> | <b>16.0</b> | <b>17.6</b> | <b>12.8</b> |

Licensee Comments: none

### Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

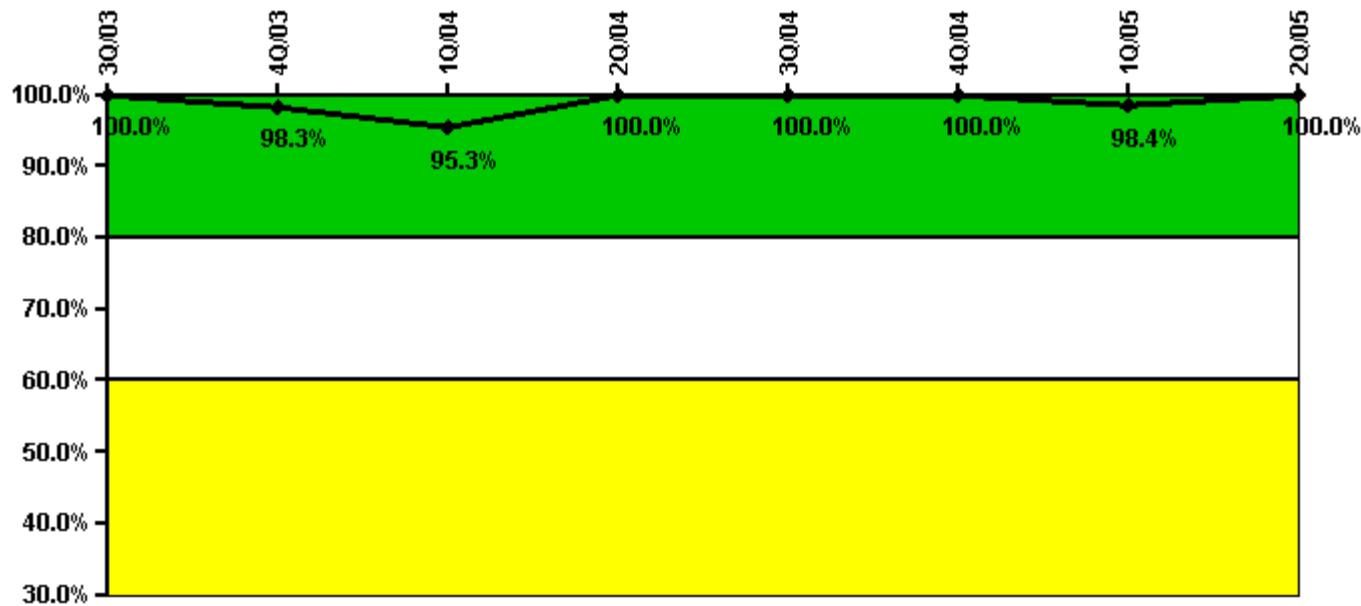
#### Notes

| Drill/Exercise Performance | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities   | 45.0  | 32.0  | 30.0  | 29.0  | 48.0  | 60.0  | 2.0   | 56.0  |
| Total opportunities        | 48.0  | 32.0  | 30.0  | 30.0  | 52.0  | 64.0  | 2.0   | 56.0  |
| Indicator value            | 94.9% | 95.8% | 96.8% | 97.0% | 95.9% | 95.6% | 95.7% | 96.2% |

Licensee Comments: none

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### ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

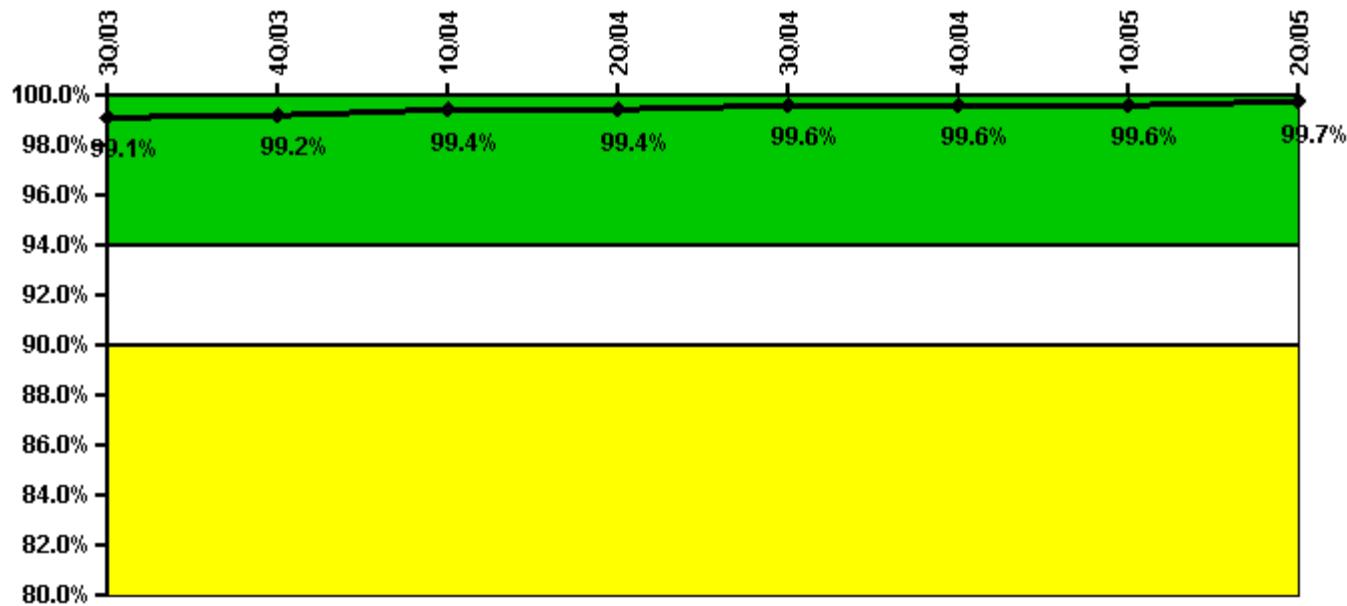
#### Notes

| ERO Drill Participation     | 3Q/03         | 4Q/03        | 1Q/04        | 2Q/04         | 3Q/04         | 4Q/04         | 1Q/05        | 2Q/05         |
|-----------------------------|---------------|--------------|--------------|---------------|---------------|---------------|--------------|---------------|
| Participating Key personnel | 56.0          | 59.0         | 61.0         | 65.0          | 64.0          | 67.0          | 62.0         | 62.0          |
| Total Key personnel         | 56.0          | 60.0         | 64.0         | 65.0          | 64.0          | 67.0          | 63.0         | 62.0          |
| Indicator value             | <b>100.0%</b> | <b>98.3%</b> | <b>95.3%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>98.4%</b> | <b>100.0%</b> |

Licensee Comments: none

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## Alert & Notification System



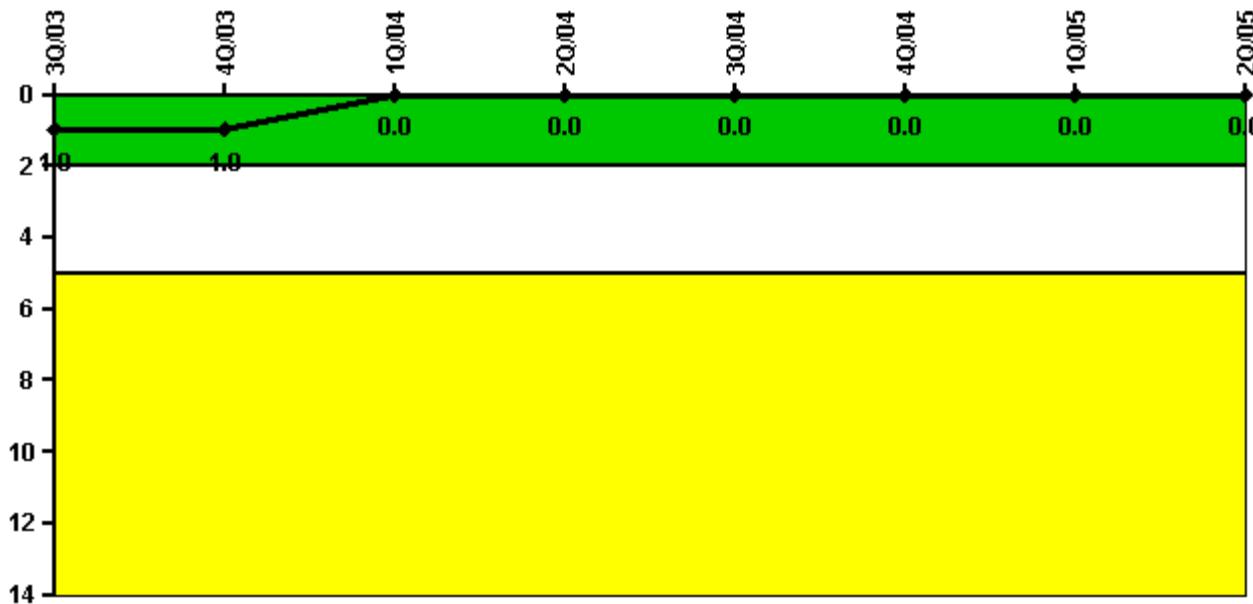
Thresholds: White < 94.0% Yellow < 90.0%

### Notes

| Alert & Notification System | 3Q/03        | 4Q/03        | 1Q/04        | 2Q/04        | 3Q/04        | 4Q/04        | 1Q/05        | 2Q/05        |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests      | 3159         | 3192         | 3194         | 3180         | 3230         | 3245         | 3195         | 3195         |
| Total sirens-tests          | 3200         | 3200         | 3200         | 3200         | 3250         | 3250         | 3200         | 3200         |
| <b>Indicator value</b>      | <b>99.1%</b> | <b>99.2%</b> | <b>99.4%</b> | <b>99.4%</b> | <b>99.6%</b> | <b>99.6%</b> | <b>99.6%</b> | <b>99.7%</b> |

Licensee Comments: none

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**Occupational Exposure Control Effectiveness**

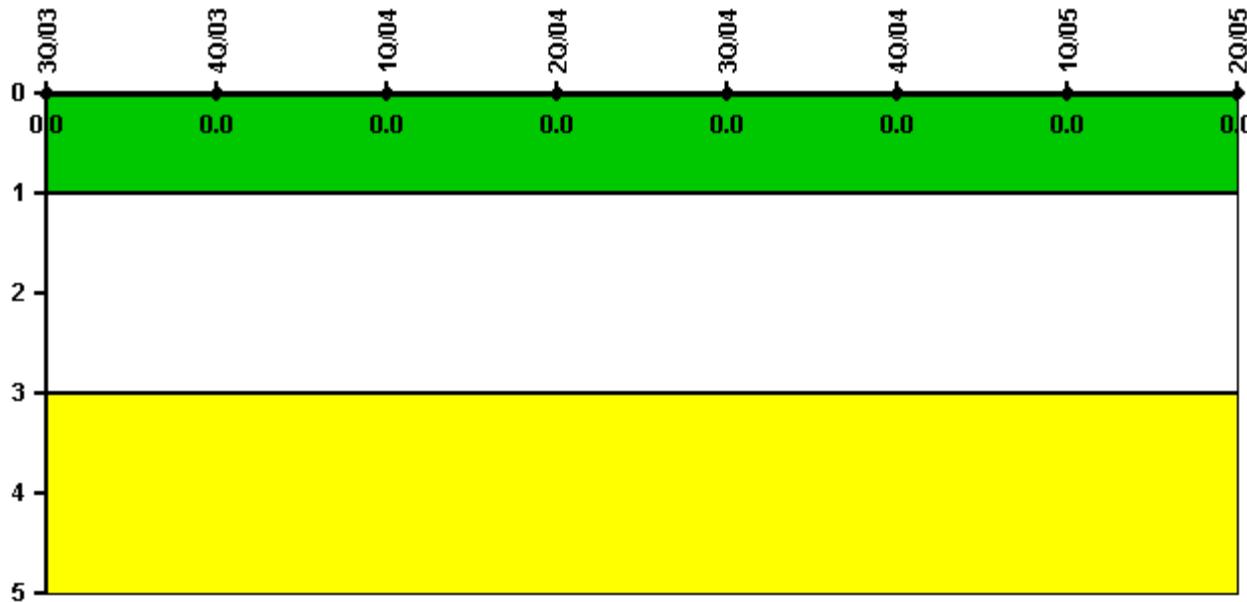
Thresholds: White > 2.0 Yellow > 5.0

**Notes**

| Occupational Exposure Control Effectiveness | 3Q/03    | 4Q/03    | 1Q/04    | 2Q/04    | 3Q/04    | 4Q/04    | 1Q/05    | 2Q/05    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>1</b> | <b>1</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> |

Licensee Comments: none

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**RETS/ODCM Radiological Effluent**

Thresholds: White > 1.0 Yellow > 3.0

**Notes**

| RETS/ODCM Radiological Effluent | 3Q/03    | 4Q/03    | 1Q/04    | 2Q/04    | 3Q/04    | 4Q/04    | 1Q/05    | 2Q/05    |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| RETS/ODCM occurrences           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Indicator value                 | <b>0</b> |

Licensee Comments: none

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[Physical Protection](#) information not publicly available.

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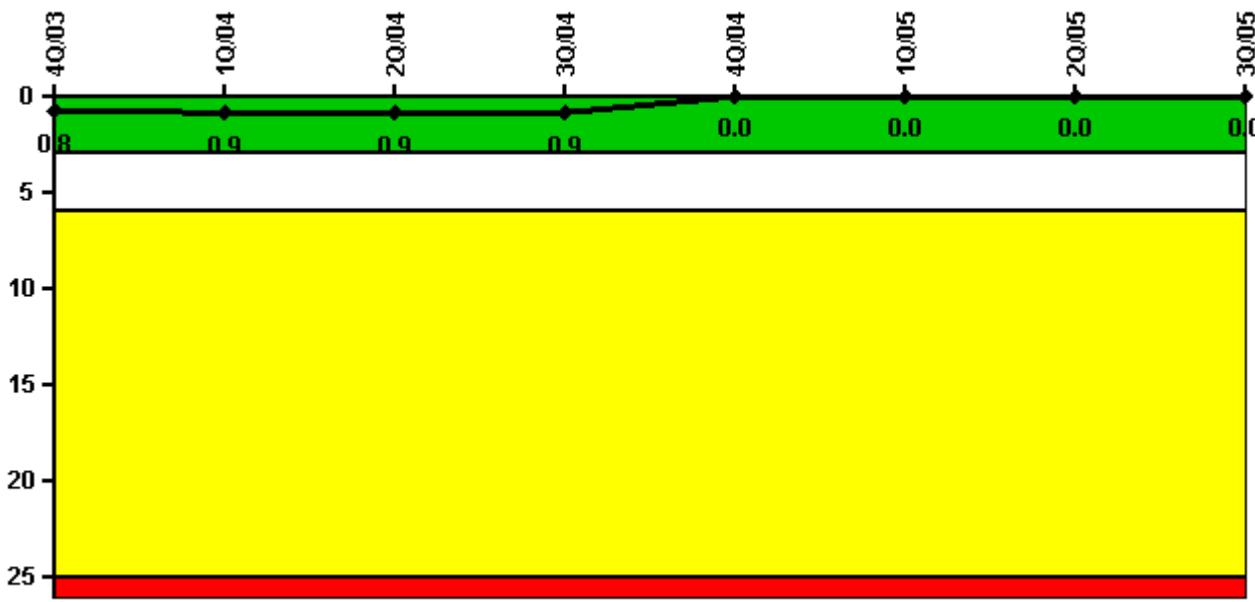


[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: August 3, 2005

**La Salle 1****3Q/2005 Performance Indicators**

Licensee's General Comments: none

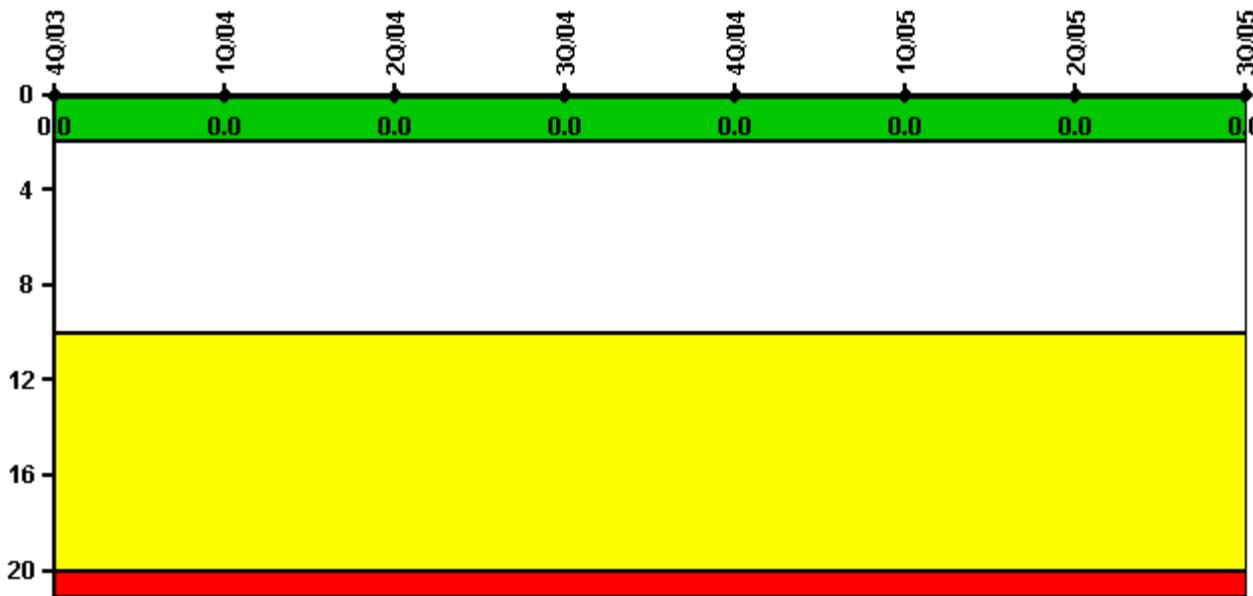
**Unplanned Scrams per 7000 Critical Hrs**

Thresholds: White &gt; 3.0 Yellow &gt; 6.0 Red &gt; 25.0

**Notes**

| Unplanned Scrams per 7000 Critical Hrs | 4Q/03  | 1Q/04  | 2Q/04  | 3Q/04  | 4Q/04  | 1Q/05  | 2Q/05  | 3Q/05  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 1.0    | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Critical hours                         | 2179.8 | 1489.1 | 2183.0 | 2208.0 | 2209.0 | 2160.0 | 2183.0 | 2208.0 |
| Indicator value                        | 0.8    | 0.9    | 0.9    | 0.9    | 0      | 0      | 0      | 0      |

Licensee Comments: none

**Scrams with Loss of Normal Heat Removal**

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

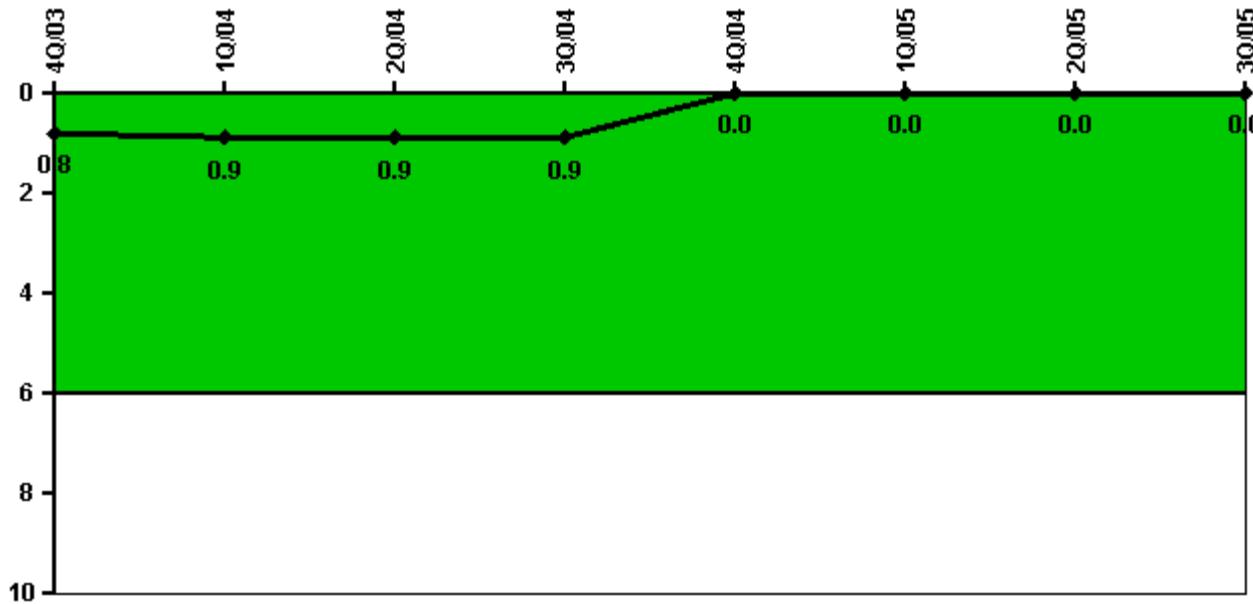
**Notes**

| Scrams with Loss of Normal Heat Removal | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams                                  | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                         | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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### Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

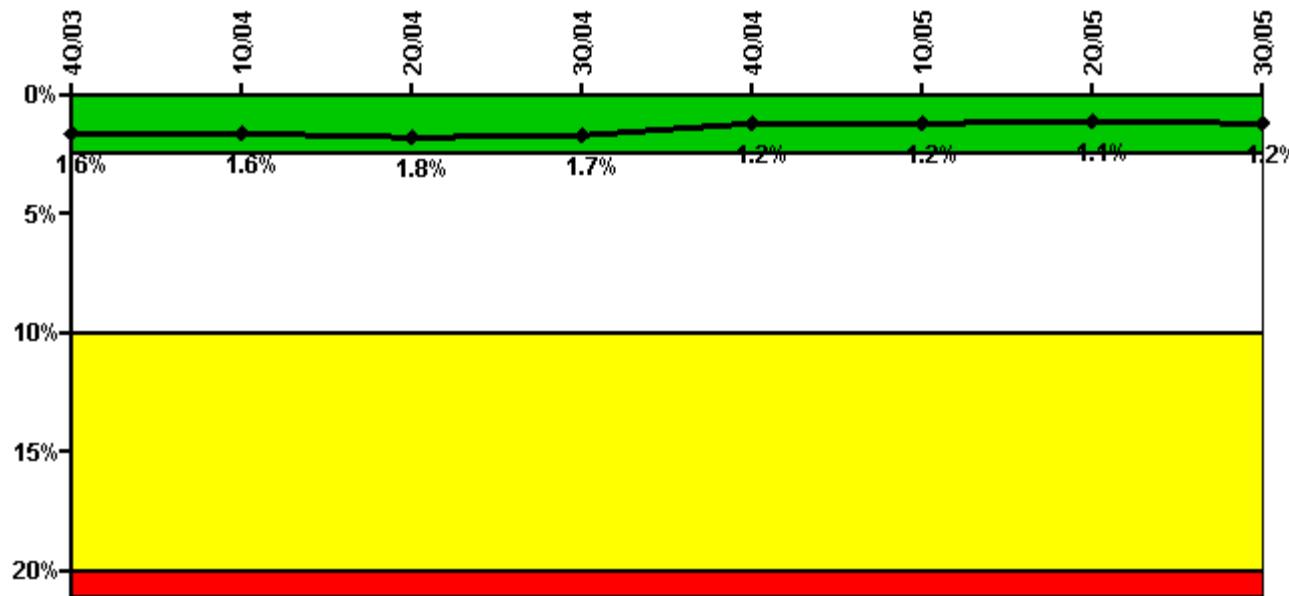
#### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 4Q/03      | 1Q/04      | 2Q/04      | 3Q/04      | 4Q/04    | 1Q/05    | 2Q/05    | 3Q/05    |
|---|------------|------------|------------|------------|----------|----------|----------|----------|
| Unplanned power changes                       | 1.0        | 0          | 0          | 0          | 0        | 0        | 0        | 0        |
| Critical hours                                | 2179.8     | 1489.1     | 2183.0     | 2208.0     | 2209.0   | 2160.0   | 2183.0   | 2208.0   |
| Indicator value                               | <b>0.8</b> | <b>0.9</b> | <b>0.9</b> | <b>0.9</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> |

Licensee Comments: none

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## Safety System Unavailability, Emergency AC Power, >2EDG



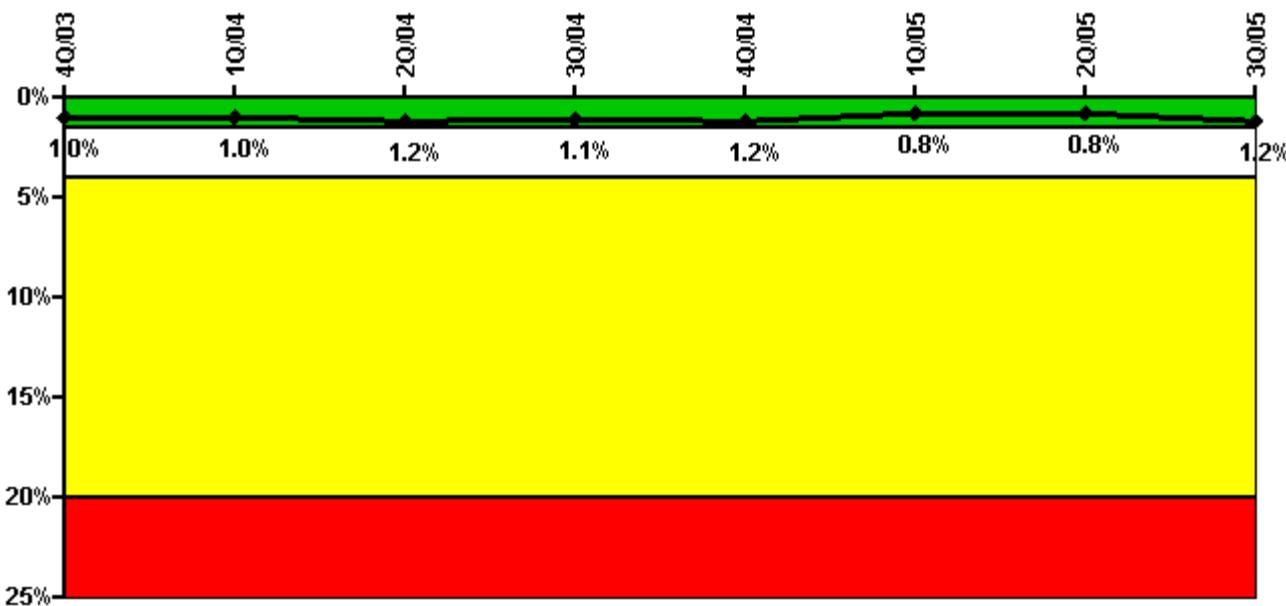
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

### Notes

| Safety System Unavailability, Emergency AC Power, >2EDG | 4Q/03       | 1Q/04       | 2Q/04       | 3Q/04       | 4Q/04       | 1Q/05       | 2Q/05       | 3Q/05       |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 7.52        | 0.50        | 58.03       | 7.65        | 14.42       | 8.05        | 18.67       | 2.45        |
| Unplanned unavailable hours                             | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Fault exposure hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2209.00     | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     |
| <b>Train 2</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 15.66       | 83.49       | 0.75        | 0.75        | 0.75        | 21.03       | 0.75        | 0.92        |
| Unplanned unavailable hours                             | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Fault exposure hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2209.00     | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     |
| <b>Train 3</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 45.03       | 0.75        | 91.30       | 0.75        | 39.62       | 0.75        | 0.75        | 71.71       |
| Unplanned unavailable hours                             | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 56.97       |
| Fault exposure hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2209.00     | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     |
| <b>Indicator value</b>                                  | <b>1.6%</b> | <b>1.6%</b> | <b>1.8%</b> | <b>1.7%</b> | <b>1.2%</b> | <b>1.2%</b> | <b>1.1%</b> | <b>1.2%</b> |

Licensee Comments: none

## Safety System Unavailability, High Pressure Injection System (HPCS)



Thresholds: White > 1.5% Yellow > 4.0% Red > 20.0%

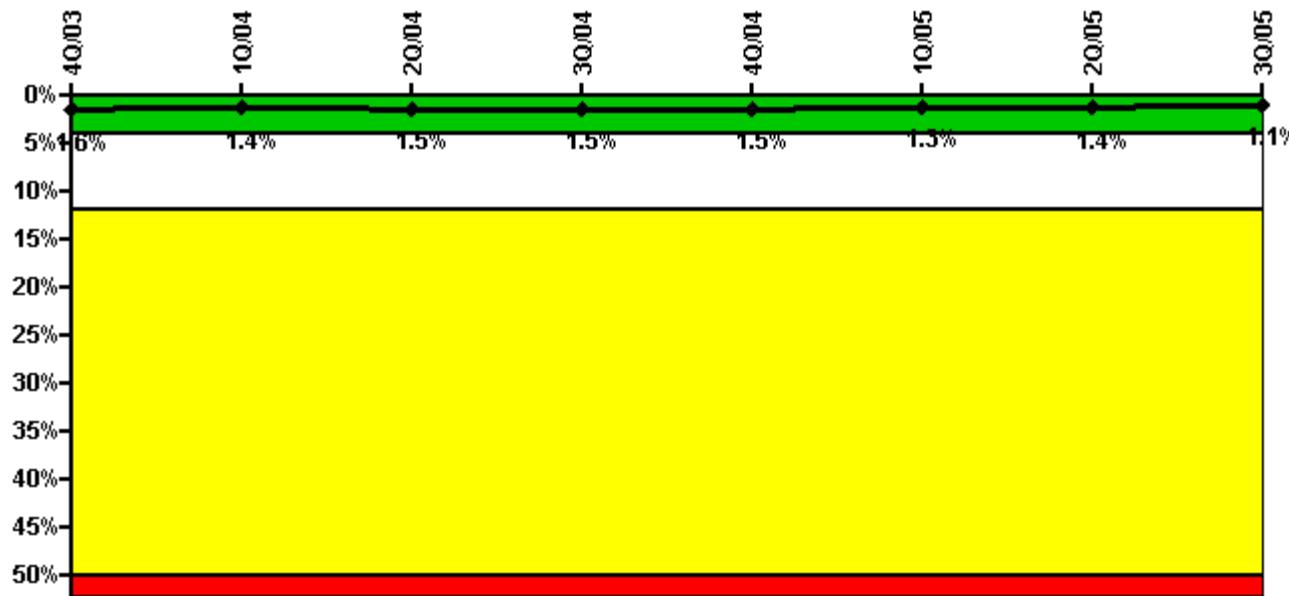
### Notes

| Safety System Unavailability, High Pressure Injection System (HPCS) | 4Q/03       | 1Q/04       | 2Q/04       | 3Q/04       | 4Q/04       | 1Q/05       | 2Q/05       | 3Q/05       |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours   | 20.57       | 0           | 85.17       | 0           | 41.92       | 0           | 0           | 65.12       |
| Unplanned unavailable hours   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 38.75       |
| Fault exposure hours  | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2179.80     | 1489.03     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     |
| <b>Indicator value</b>  | <b>1.0%</b> | <b>1.0%</b> | <b>1.2%</b> | <b>1.1%</b> | <b>1.2%</b> | <b>0.8%</b> | <b>0.8%</b> | <b>1.2%</b> |

Licensee Comments: none

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## Safety System Unavailability, Heat Removal System (RCIC)



Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

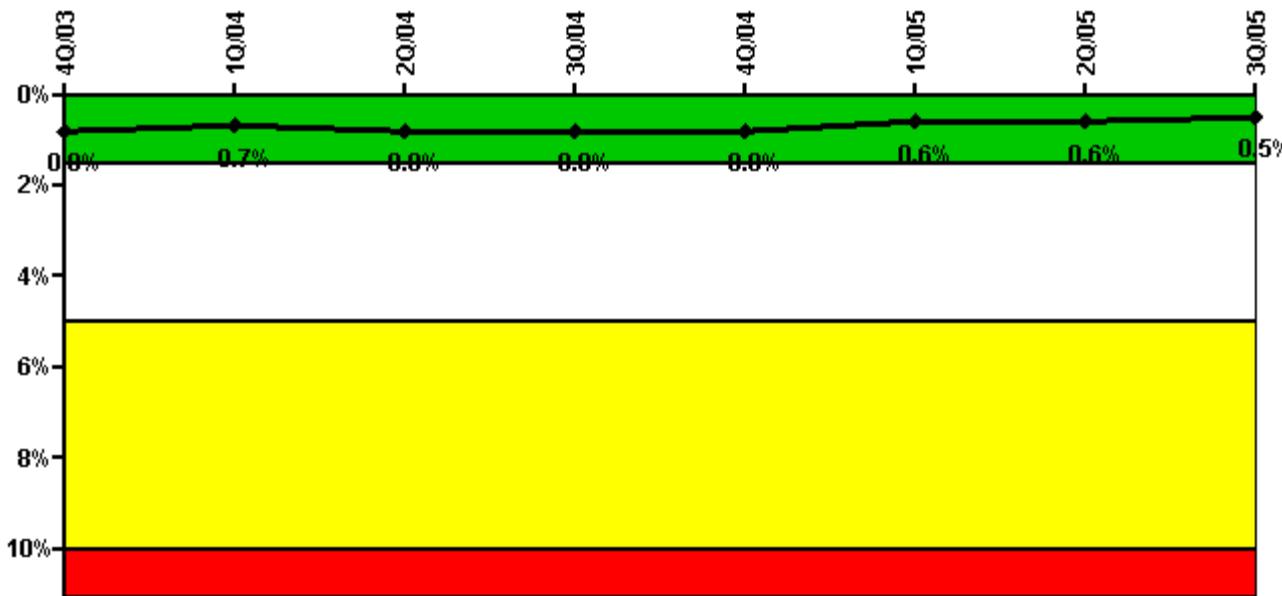
### Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 4Q/03       | 1Q/04       | 2Q/04       | 3Q/04       | 4Q/04       | 1Q/05       | 2Q/05       | 3Q/05       |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                | 37.50       | 18.03       | 16.95       | 5.80        | 24.70       | 0           | 36.60       | 1.83        |
| Unplanned unavailable hours                              | 0           | 2.12        | 0           | 0           | 30.10       | 0           | 15.20       | 9.50        |
| Fault exposure hours                                     | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 2179.80     | 1489.03     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     |
| <b>Indicator value</b>                                   | <b>1.6%</b> | <b>1.4%</b> | <b>1.5%</b> | <b>1.5%</b> | <b>1.5%</b> | <b>1.3%</b> | <b>1.4%</b> | <b>1.1%</b> |

Licensee Comments: none

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## Safety System Unavailability, Residual Heat Removal System

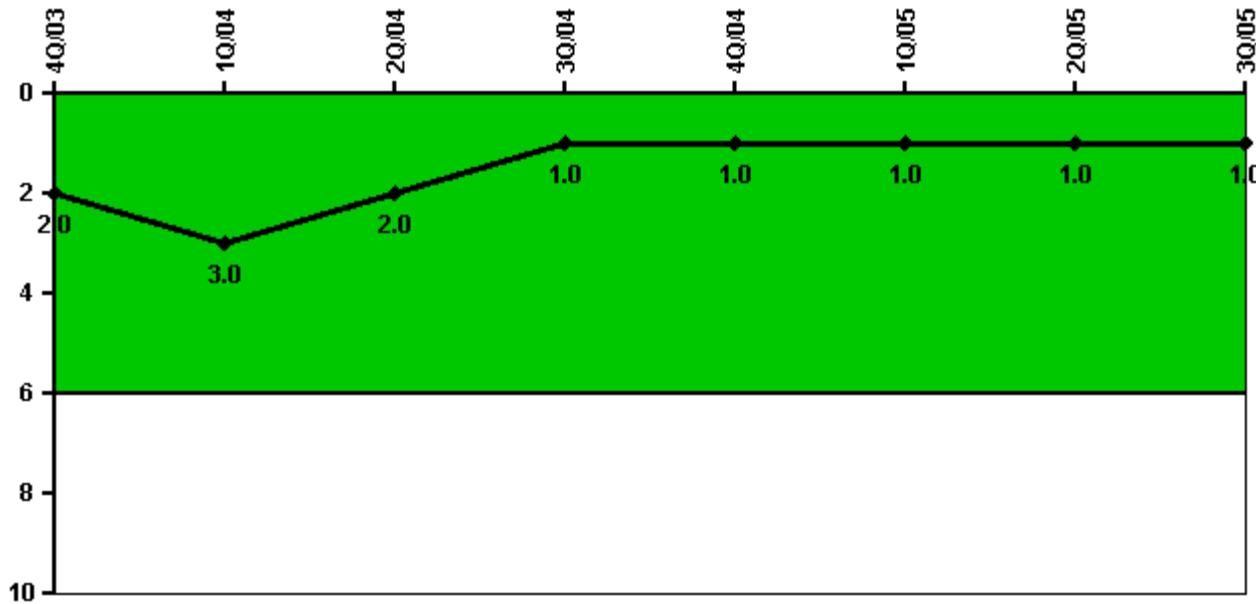


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

### Notes

| Safety System Unavailability, Residual Heat Removal System | 4Q/03       | 1Q/04       | 2Q/04       | 3Q/04       | 4Q/04       | 1Q/05       | 2Q/05       | 3Q/05       |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                  | 0           | 0           | 13.27       | 14.34       | 5.70        | 0           | 6.73        | 1.83        |
| Unplanned unavailable hours                                | 0           | 11.87       | 0           | 0.48        | 30.08       | 0           | 0           | 0           |
| Fault exposure hours                                       | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                      | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 2209.00     | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     |
| <b>Train 2</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                  | 0           | 14.49       | 32.97       | 0           | 0           | 7.63        | 15.63       | 0           |
| Unplanned unavailable hours                                | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 29.00       |
| Fault exposure hours                                       | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                      | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 2209.00     | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     |
| <b>Indicator value</b>                                     | <b>0.8%</b> | <b>0.7%</b> | <b>0.8%</b> | <b>0.8%</b> | <b>0.8%</b> | <b>0.6%</b> | <b>0.6%</b> | <b>0.5%</b> |

Licensee Comments: none

**Safety System Functional Failures (BWR)**

Thresholds: White > 6.0

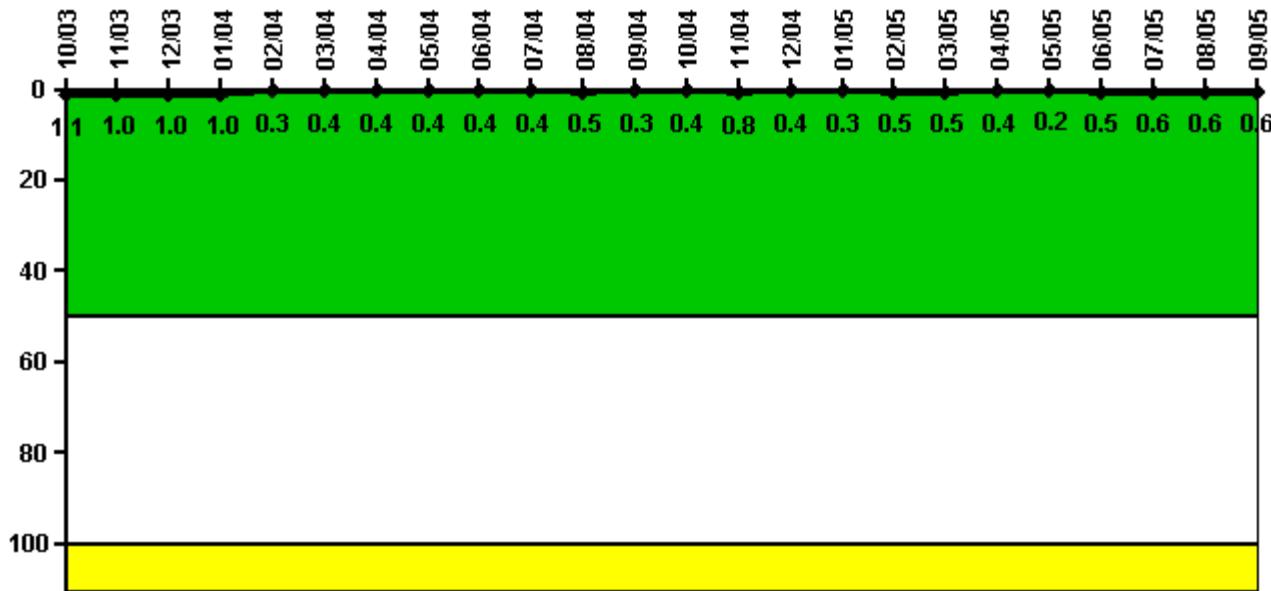
**Notes**

| Safety System Functional Failures (BWR) | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures       | 0     | 1     | 0     | 0     | 0     | 1     | 0     | 0     |
| Indicator value                         | 2     | 3     | 2     | 1     | 1     | 1     | 1     | 1     |

Licensee Comments: none

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## Reactor Coolant System Activity



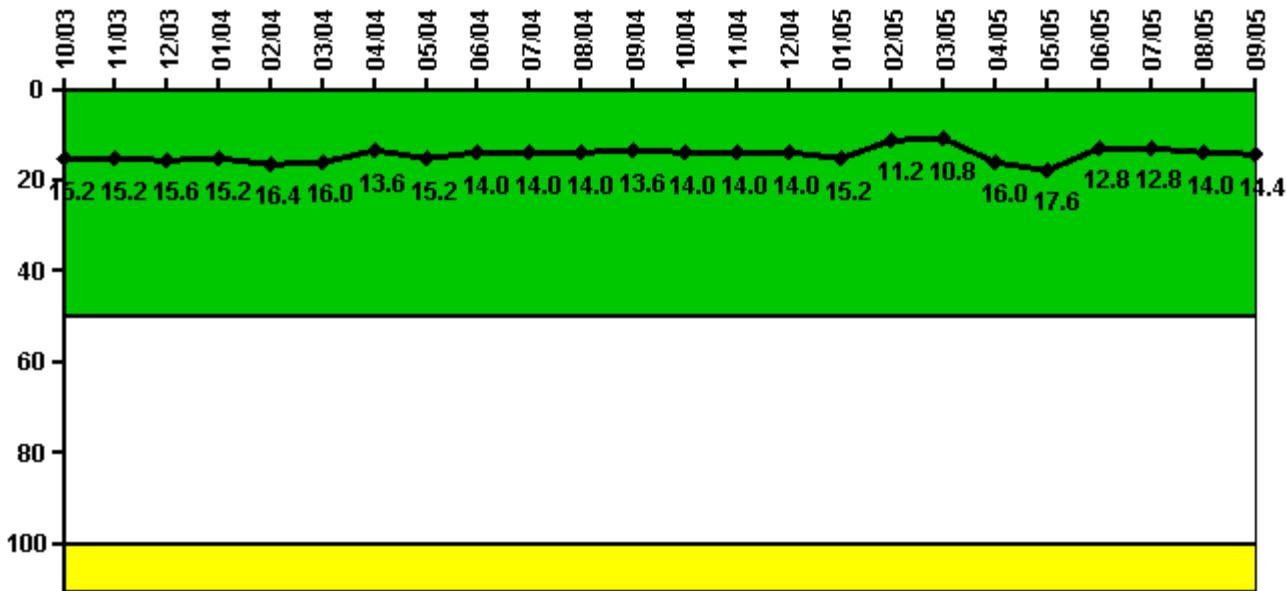
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Activity | 10/03    | 11/03    | 12/03    | 1/04     | 2/04     | 3/04     | 4/04     | 5/04     | 6/04     | 7/04     | 8/04     | 9/04     |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity                | 0.002250 | 0.001950 | 0.002030 | 0.001920 | 0.000680 | 0.000898 | 0.000854 | 0.000748 | 0.000809 | 0.000897 | 0.000918 | 0.000684 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 1.1      | 1.0      | 1.0      | 1.0      | 0.3      | 0.4      | 0.4      | 0.4      | 0.4      | 0.4      | 0.5      | 0.3      |
| Reactor Coolant System Activity | 10/04    | 11/04    | 12/04    | 1/05     | 2/05     | 3/05     | 4/05     | 5/05     | 6/05     | 7/05     | 8/05     | 9/05     |
| Maximum activity                | 0.000767 | 0.001600 | 0.000727 | 0.000698 | 0.000909 | 0.000988 | 0.000878 | 0.000466 | 0.000958 | 0.001180 | 0.001200 | 0.001230 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0.4      | 0.8      | 0.4      | 0.3      | 0.5      | 0.5      | 0.4      | 0.2      | 0.5      | 0.6      | 0.6      | 0.6      |

Licensee Comments: none

## Reactor Coolant System Leakage



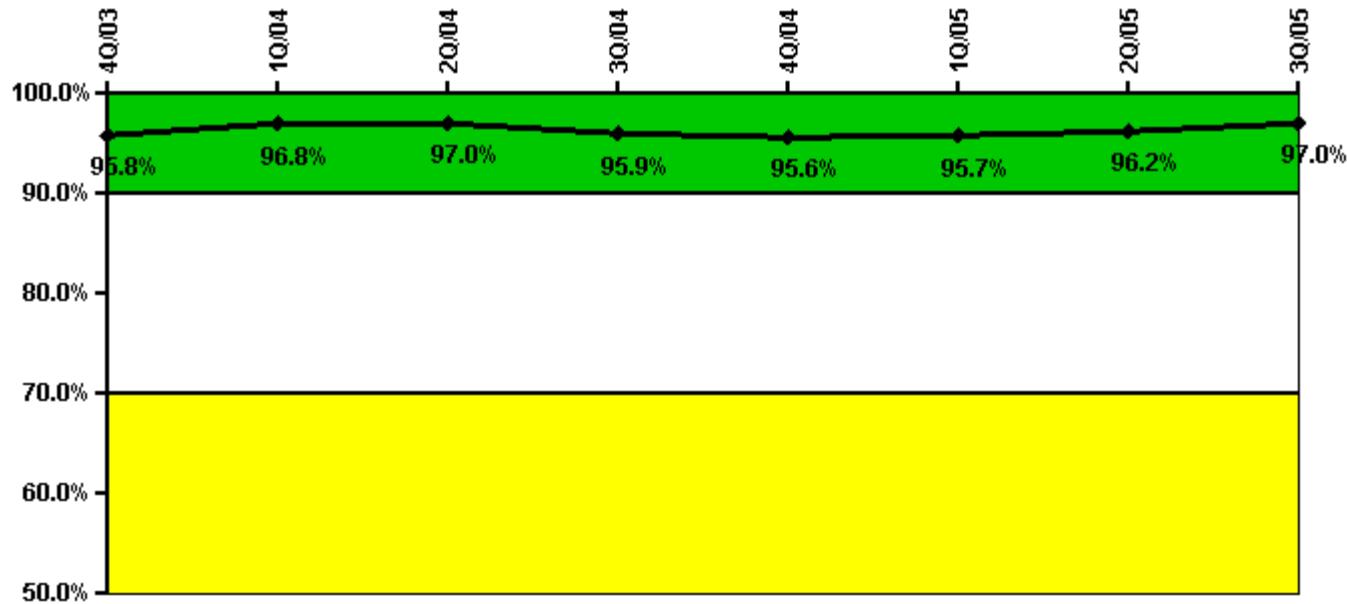
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Leakage | 10/03       | 11/03       | 12/03       | 1/04        | 2/04        | 3/04        | 4/04        | 5/04        | 6/04        | 7/04        | 8/04        | 9/04        |
|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Maximum leakage                | 3.800       | 3.800       | 3.900       | 3.800       | 4.100       | 4.000       | 3.400       | 3.800       | 3.500       | 3.500       | 3.500       | 3.400       |
| Indicator value                | <b>15.2</b> | <b>15.2</b> | <b>15.6</b> | <b>15.2</b> | <b>16.4</b> | <b>16.0</b> | <b>13.6</b> | <b>15.2</b> | <b>14.0</b> | <b>14.0</b> | <b>14.0</b> | <b>13.6</b> |
| Reactor Coolant System Leakage | 10/04       | 11/04       | 12/04       | 1/05        | 2/05        | 3/05        | 4/05        | 5/05        | 6/05        | 7/05        | 8/05        | 9/05        |
| Maximum leakage                | 3.500       | 3.500       | 3.500       | 3.800       | 2.800       | 2.700       | 4.000       | 4.400       | 3.200       | 3.200       | 3.500       | 3.600       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| Indicator value                | <b>14.0</b> | <b>14.0</b> | <b>14.0</b> | <b>15.2</b> | <b>11.2</b> | <b>10.8</b> | <b>16.0</b> | <b>17.6</b> | <b>12.8</b> | <b>12.8</b> | <b>14.0</b> | <b>14.4</b> |

Licensee Comments: none

### Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

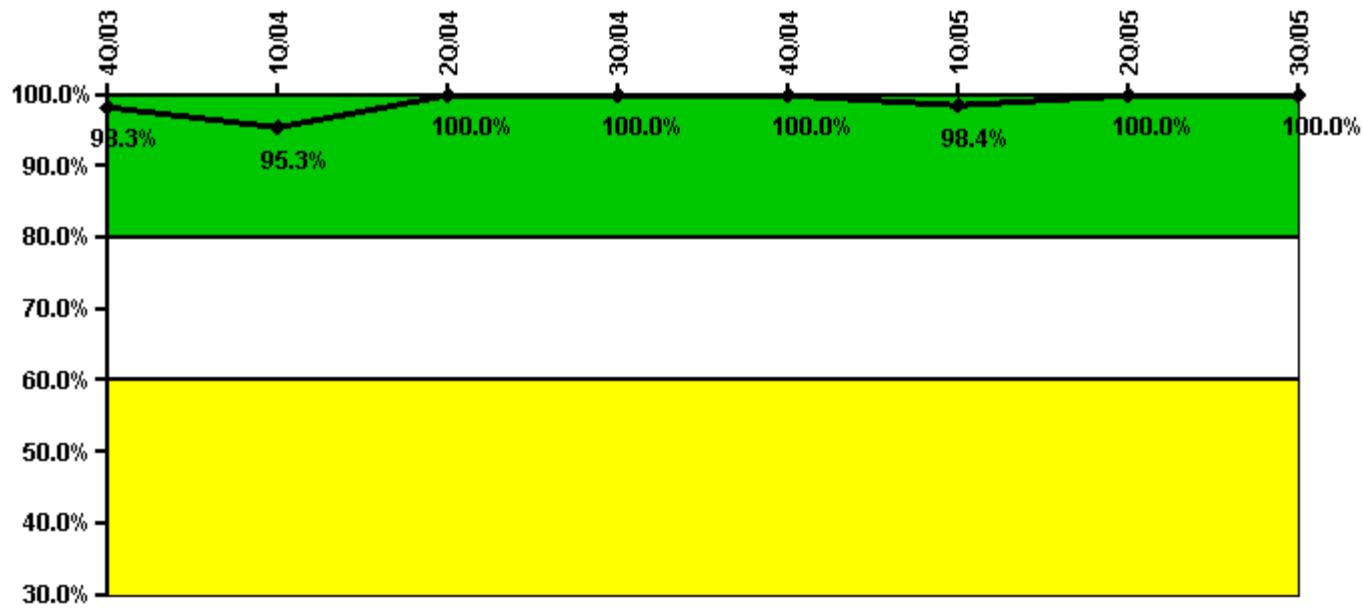
#### Notes

| Drill/Exercise Performance | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities   | 32.0  | 30.0  | 29.0  | 48.0  | 60.0  | 2.0   | 56.0  | 61.0  |
| Total opportunities        | 32.0  | 30.0  | 30.0  | 52.0  | 64.0  | 2.0   | 56.0  | 62.0  |
| Indicator value            | 95.8% | 96.8% | 97.0% | 95.9% | 95.6% | 95.7% | 96.2% | 97.0% |

Licensee Comments: none

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### ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

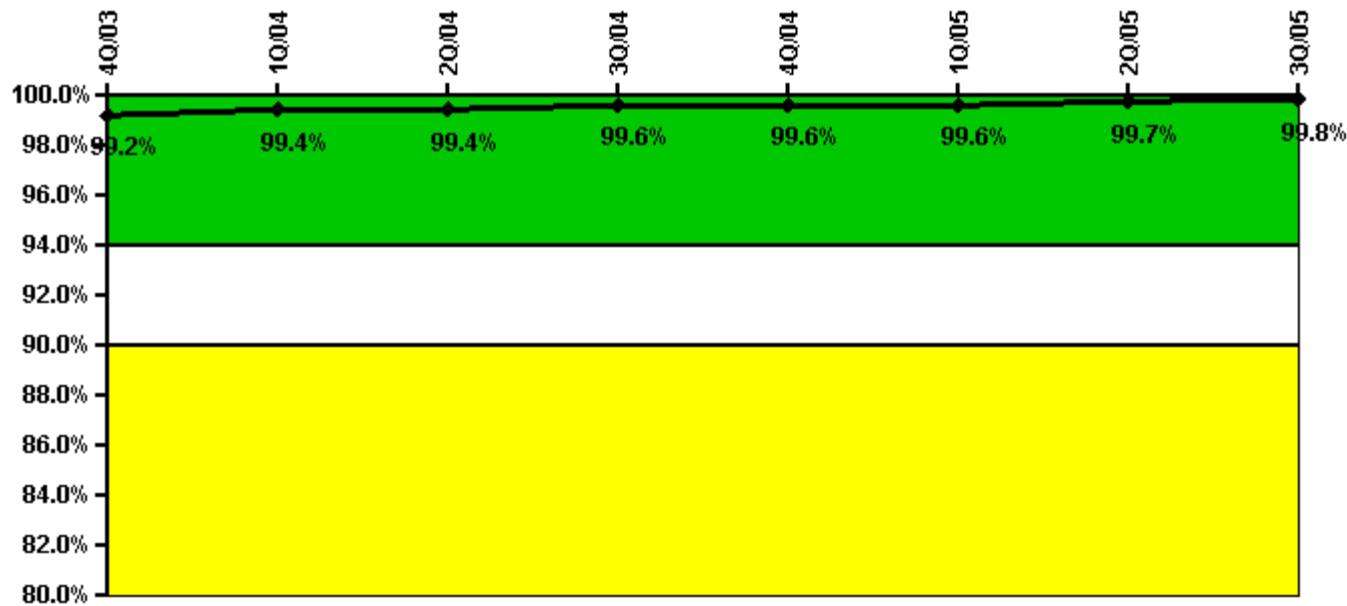
#### Notes

| ERO Drill Participation     | 4Q/03        | 1Q/04        | 2Q/04         | 3Q/04         | 4Q/04         | 1Q/05        | 2Q/05         | 3Q/05         |
|-----------------------------|--------------|--------------|---------------|---------------|---------------|--------------|---------------|---------------|
| Participating Key personnel | 59.0         | 61.0         | 65.0          | 64.0          | 67.0          | 62.0         | 62.0          | 59.0          |
| Total Key personnel         | 60.0         | 64.0         | 65.0          | 64.0          | 67.0          | 63.0         | 62.0          | 59.0          |
| Indicator value             | <b>98.3%</b> | <b>95.3%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>98.4%</b> | <b>100.0%</b> | <b>100.0%</b> |

Licensee Comments: none

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## Alert & Notification System



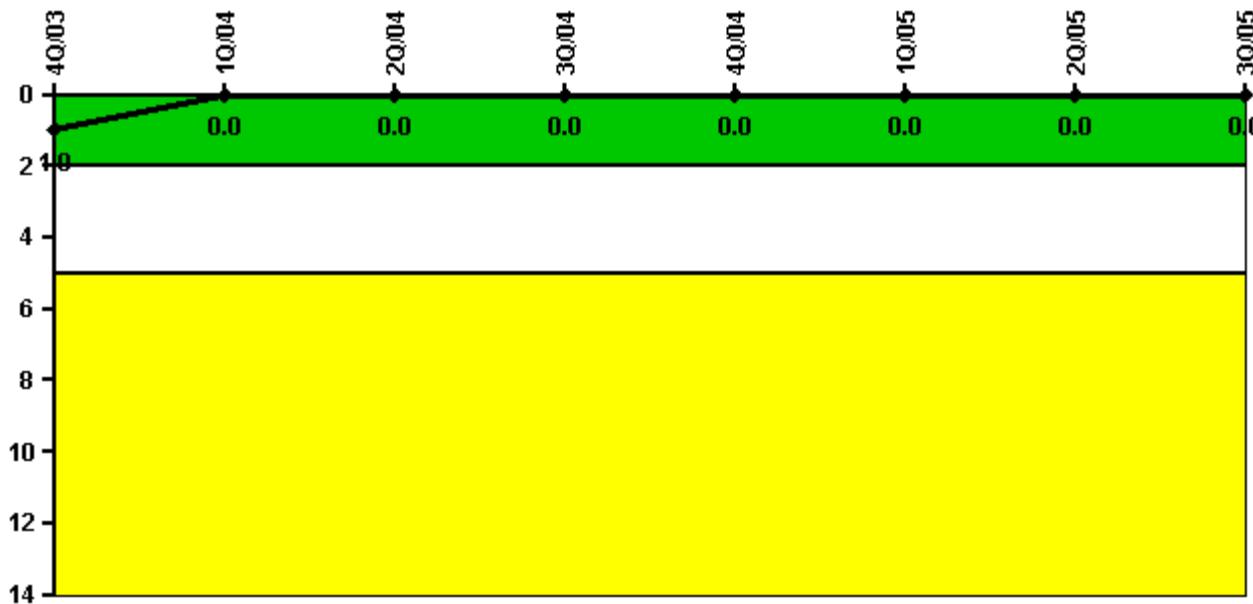
Thresholds: White < 94.0% Yellow < 90.0%

### Notes

| Alert & Notification System | 4Q/03        | 1Q/04        | 2Q/04        | 3Q/04        | 4Q/04        | 1Q/05        | 2Q/05        | 3Q/05        |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests      | 3192         | 3194         | 3180         | 3230         | 3245         | 3195         | 3195         | 3185         |
| Total sirens-tests          | 3200         | 3200         | 3200         | 3250         | 3250         | 3200         | 3200         | 3200         |
| <b>Indicator value</b>      | <b>99.2%</b> | <b>99.4%</b> | <b>99.4%</b> | <b>99.6%</b> | <b>99.6%</b> | <b>99.6%</b> | <b>99.7%</b> | <b>99.8%</b> |

Licensee Comments: none

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**Occupational Exposure Control Effectiveness**

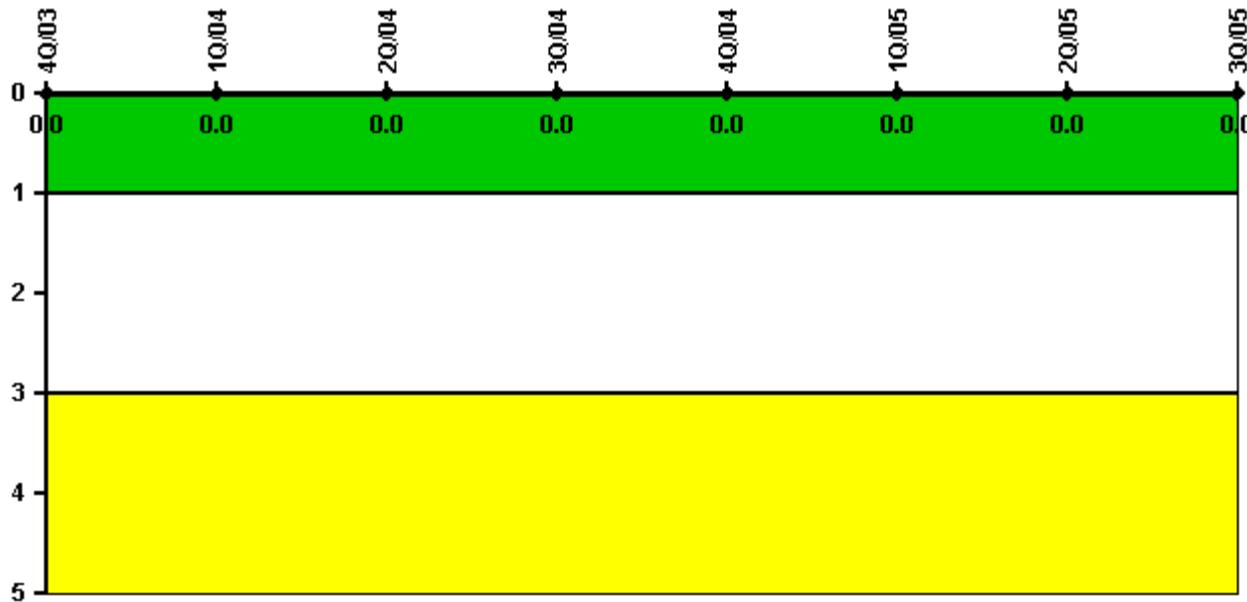
Thresholds: White > 2.0 Yellow > 5.0

**Notes**

| Occupational Exposure Control Effectiveness | 4Q/03    | 1Q/04    | 2Q/04    | 3Q/04    | 4Q/04    | 1Q/05    | 2Q/05    | 3Q/05    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>1</b> | <b>0</b> |

Licensee Comments: none

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**RETS/ODCM Radiological Effluent**

Thresholds: White > 1.0 Yellow > 3.0

**Notes**

| RETS/ODCM Radiological Effluent | 4Q/03    | 1Q/04    | 2Q/04    | 3Q/04    | 4Q/04    | 1Q/05    | 2Q/05    | 3Q/05    |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| RETS/ODCM occurrences           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Indicator value                 | <b>0</b> |

Licensee Comments: none

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[Physical Protection](#) information not publicly available.

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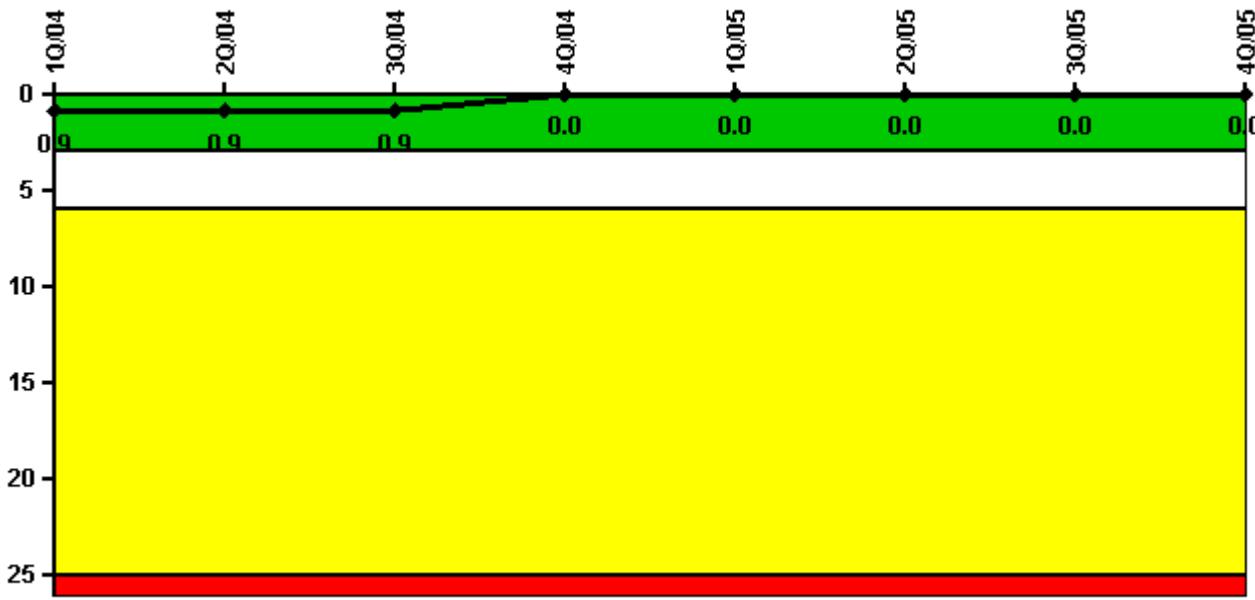


[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: November 3, 2005

**La Salle 1****4Q/2005 Performance Indicators**

Licensee's General Comments: none

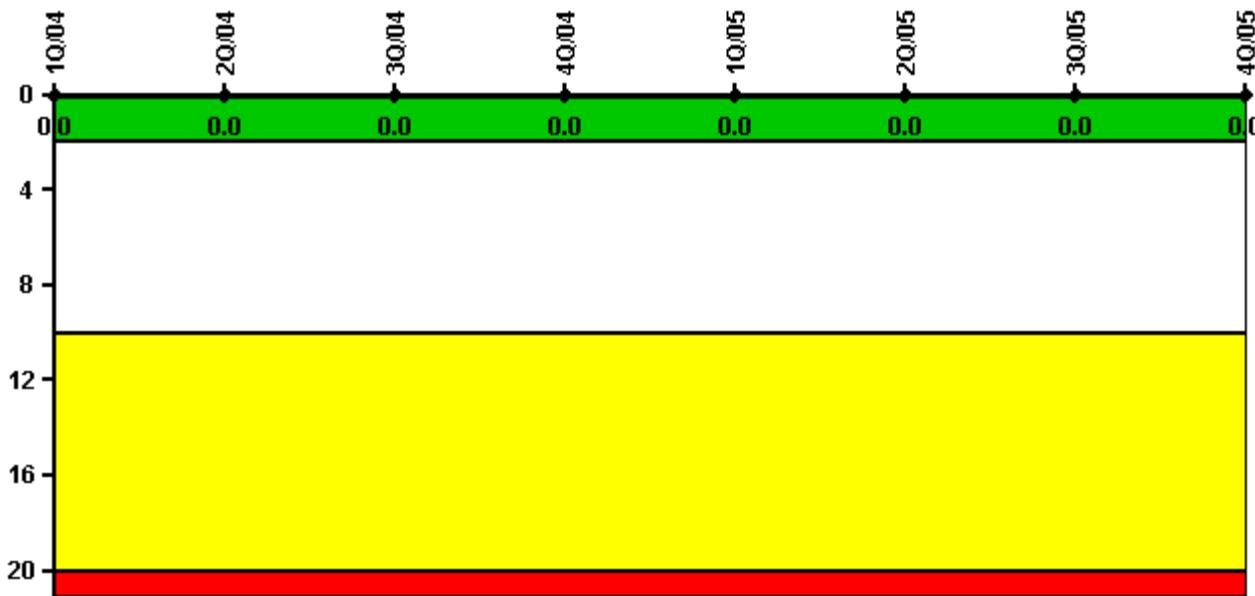
**Unplanned Scrams per 7000 Critical Hrs**

Thresholds: White &gt; 3.0 Yellow &gt; 6.0 Red &gt; 25.0

**Notes**

| Unplanned Scrams per 7000 Critical Hrs | 1Q/04  | 2Q/04  | 3Q/04  | 4Q/04  | 1Q/05  | 2Q/05  | 3Q/05  | 4Q/05  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Critical hours                         | 1489.1 | 2183.0 | 2208.0 | 2209.0 | 2160.0 | 2183.0 | 2208.0 | 2209.0 |
| Indicator value                        | 0.9    | 0.9    | 0.9    | 0      | 0      | 0      | 0      | 0      |

Licensee Comments: none

**Scrams with Loss of Normal Heat Removal**

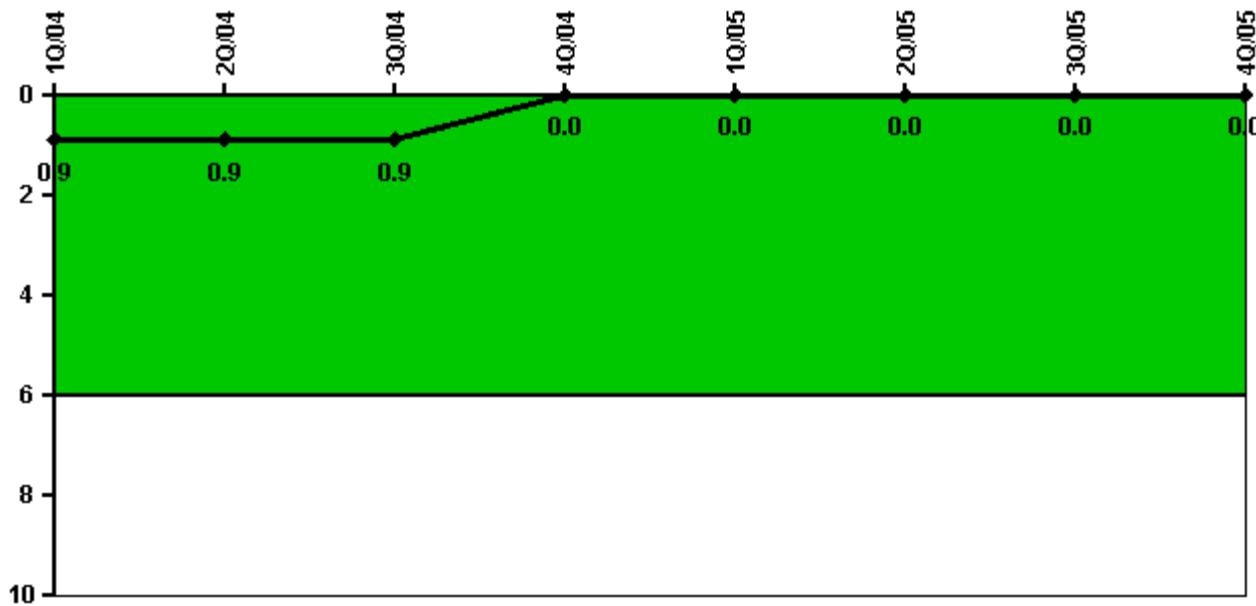
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

**Notes**

| Scrams with Loss of Normal Heat Removal | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams                                  | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                         | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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**Unplanned Power Changes per 7000 Critical Hrs**

Thresholds: White > 6.0

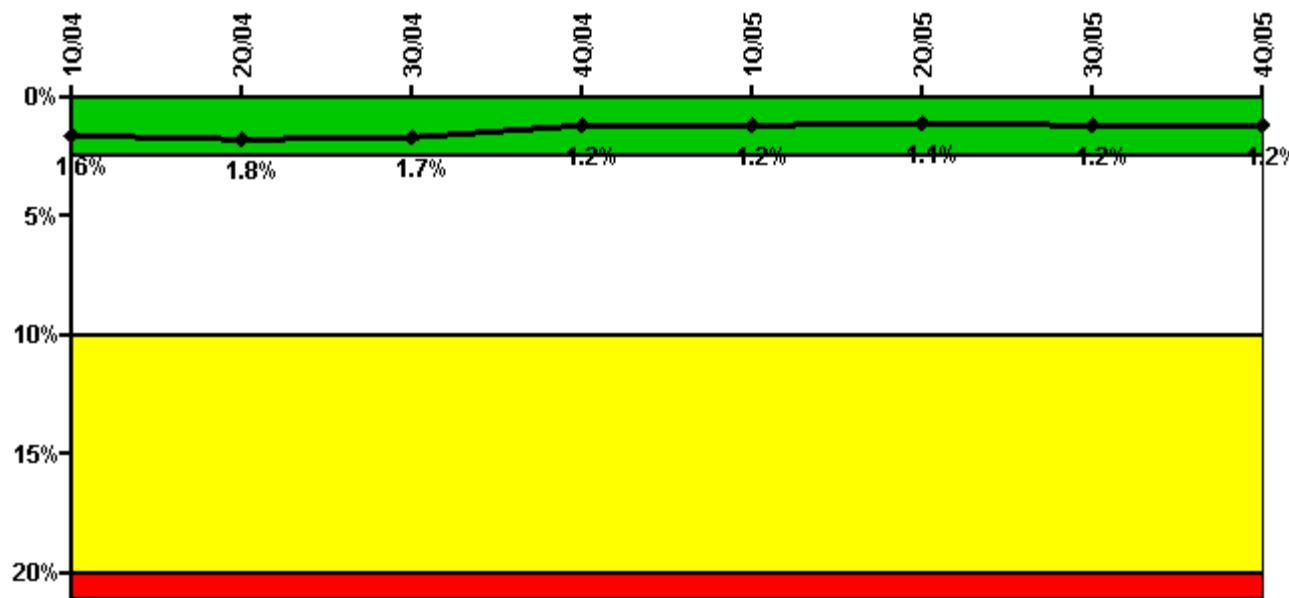
**Notes**

| Unplanned Power Changes per 7000 Critical Hrs | 1Q/04      | 2Q/04      | 3Q/04      | 4Q/04    | 1Q/05    | 2Q/05    | 3Q/05    | 4Q/05    |
|---|------------|------------|------------|----------|----------|----------|----------|----------|
| Unplanned power changes                       | 0          | 0          | 0          | 0        | 0        | 0        | 0        | 0        |
| Critical hours                                | 1489.1     | 2183.0     | 2208.0     | 2209.0   | 2160.0   | 2183.0   | 2208.0   | 2209.0   |
| Indicator value                               | <b>0.9</b> | <b>0.9</b> | <b>0.9</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> |

Licensee Comments: none

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## Safety System Unavailability, Emergency AC Power, >2EDG



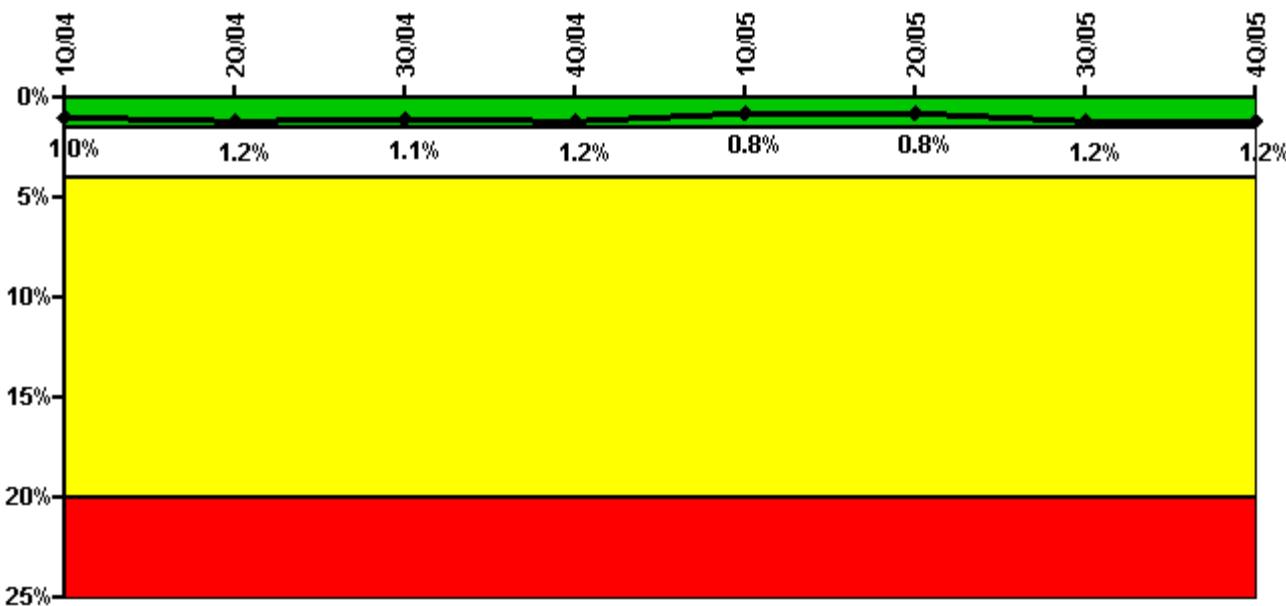
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

### Notes

| Safety System Unavailability, Emergency AC Power, >2EDG | 1Q/04       | 2Q/04       | 3Q/04       | 4Q/04       | 1Q/05       | 2Q/05       | 3Q/05       | 4Q/05       |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 0.50        | 58.03       | 7.65        | 14.42       | 8.05        | 18.67       | 2.45        | 0.75        |
| Unplanned unavailable hours                             | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Fault exposure hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     |
| <b>Train 2</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 83.49       | 0.75        | 0.75        | 0.75        | 21.03       | 0.75        | 0.92        | 0.75        |
| Unplanned unavailable hours                             | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Fault exposure hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     |
| <b>Train 3</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 0.75        | 91.30       | 0.75        | 39.62       | 0.75        | 0.75        | 71.71       | 0.75        |
| Unplanned unavailable hours                             | 0           | 0           | 0           | 0           | 0           | 0           | 56.97       | 0           |
| Fault exposure hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     |
| <b>Indicator value</b>                                  | <b>1.6%</b> | <b>1.8%</b> | <b>1.7%</b> | <b>1.2%</b> | <b>1.2%</b> | <b>1.1%</b> | <b>1.2%</b> | <b>1.2%</b> |

Licensee Comments: none

## Safety System Unavailability, High Pressure Injection System (HPCS)



Thresholds: White > 1.5% Yellow > 4.0% Red > 20.0%

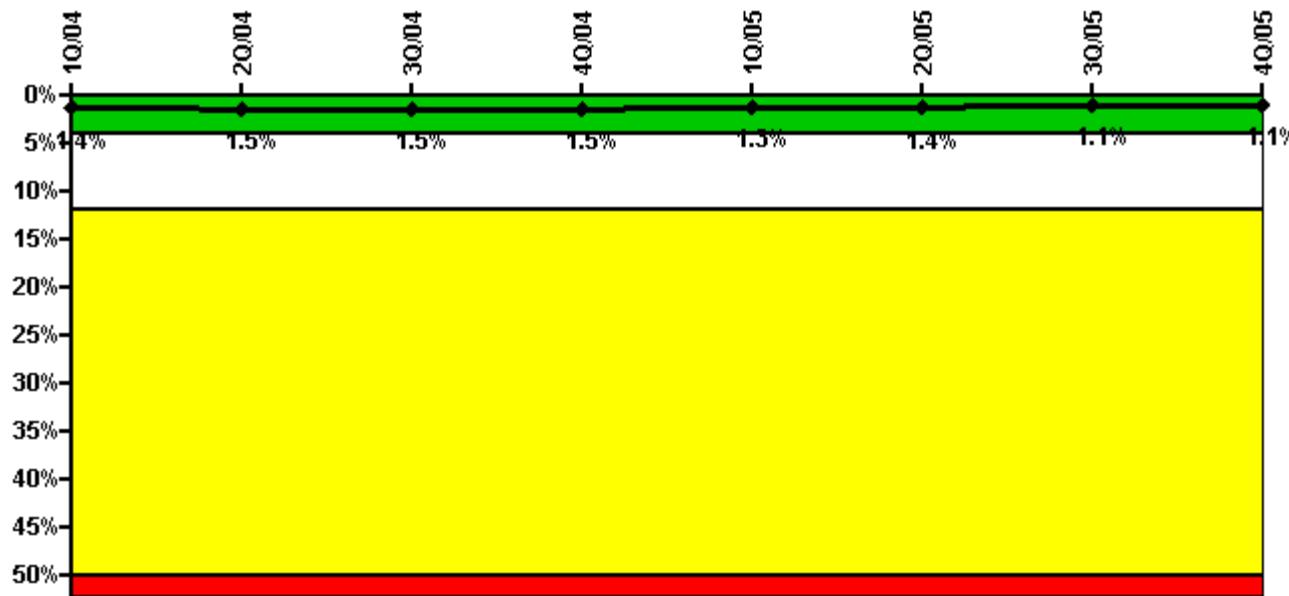
### Notes

| Safety System Unavailability, High Pressure Injection System (HPCS) | 1Q/04       | 2Q/04       | 3Q/04       | 4Q/04       | 1Q/05       | 2Q/05       | 3Q/05       | 4Q/05       |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours   | 0           | 85.17       | 0           | 41.92       | 0           | 0           | 65.12       | 0           |
| Unplanned unavailable hours   | 0           | 0           | 0           | 0           | 0           | 0           | 38.75       | 0           |
| Fault exposure hours  | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 1489.03     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     |
| <b>Indicator value</b>  | <b>1.0%</b> | <b>1.2%</b> | <b>1.1%</b> | <b>1.2%</b> | <b>0.8%</b> | <b>0.8%</b> | <b>1.2%</b> | <b>1.2%</b> |

Licensee Comments: none

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## Safety System Unavailability, Heat Removal System (RCIC)



Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

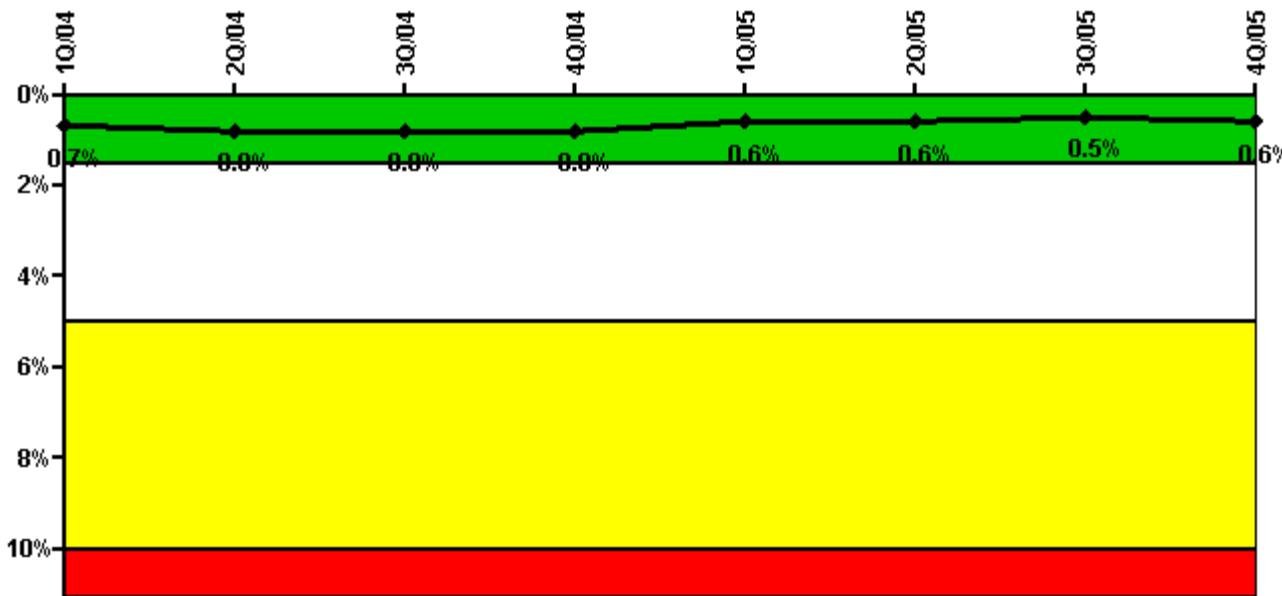
### Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 1Q/04       | 2Q/04       | 3Q/04       | 4Q/04       | 1Q/05       | 2Q/05       | 3Q/05       | 4Q/05       |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                | 18.03       | 16.95       | 5.80        | 24.70       | 0           | 36.60       | 1.83        | 0           |
| Unplanned unavailable hours                              | 2.12        | 0           | 0           | 30.10       | 0           | 15.20       | 9.50        | 0           |
| Fault exposure hours                                     | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 1489.03     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     |
| <b>Indicator value</b>                                   | <b>1.4%</b> | <b>1.5%</b> | <b>1.5%</b> | <b>1.5%</b> | <b>1.3%</b> | <b>1.4%</b> | <b>1.1%</b> | <b>1.1%</b> |

Licensee Comments: none

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## **Safety System Unavailability, Residual Heat Removal System**

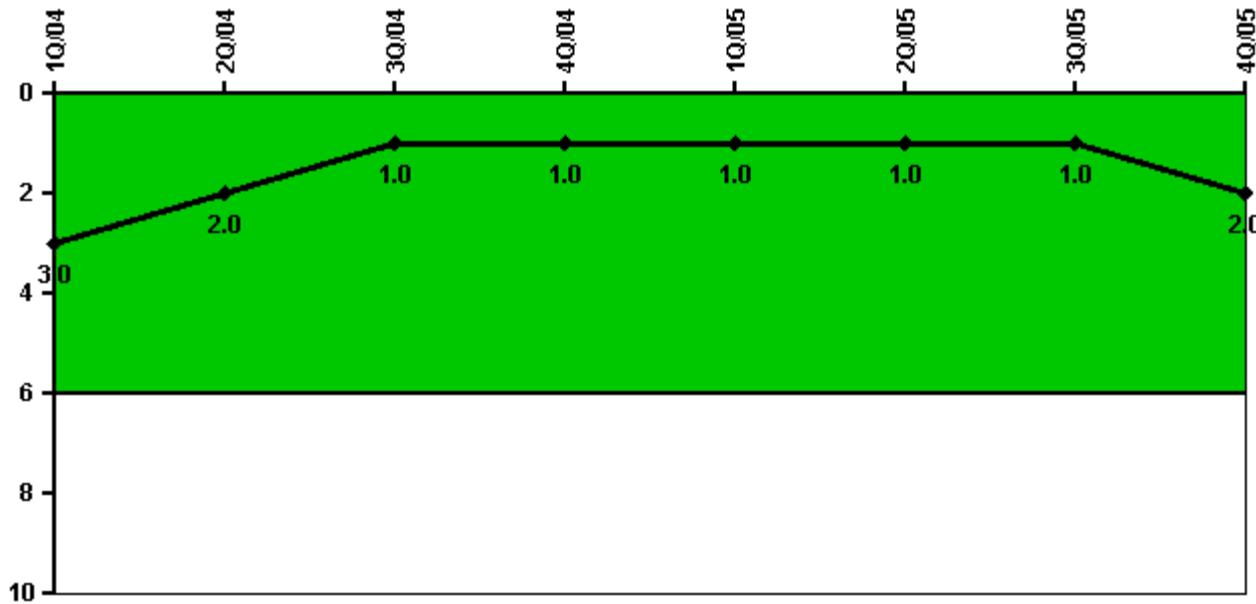


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

### Notes

| Safety System Unavailability, Residual Heat Removal System | 1Q/04       | 2Q/04       | 3Q/04       | 4Q/04       | 1Q/05       | 2Q/05       | 3Q/05       | 4Q/05       |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                  | 0           | 13.27       | 14.34       | 5.70        | 0           | 6.73        | 1.83        | 30.42       |
| Unplanned unavailable hours                                | 11.87       | 0           | 0.48        | 30.08       | 0           | 0           | 0           | 0           |
| Fault exposure hours                                       | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                      | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     |
| <b>Train 2</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                  | 14.49       | 32.97       | 0           | 0           | 7.63        | 15.63       | 0           | 0           |
| Unplanned unavailable hours                                | 0           | 0           | 0           | 0           | 0           | 0           | 29.00       | 0           |
| Fault exposure hours                                       | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                      | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     |
| <b>Indicator value</b>                                     | <b>0.7%</b> | <b>0.8%</b> | <b>0.8%</b> | <b>0.8%</b> | <b>0.6%</b> | <b>0.6%</b> | <b>0.5%</b> | <b>0.6%</b> |

Licensee Comments: none

**Safety System Functional Failures (BWR)**

Thresholds: White > 6.0

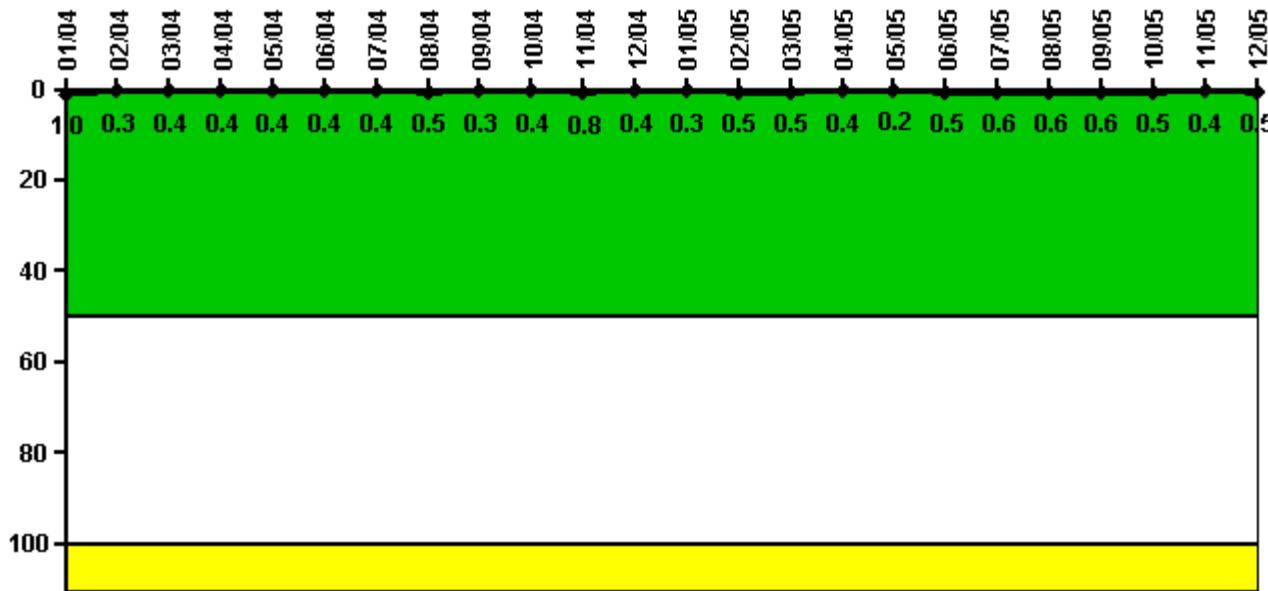
**Notes**

| Safety System Functional Failures (BWR) | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures       | 1     | 0     | 0     | 0     | 1     | 0     | 0     | 1     |
| Indicator value                         | 3     | 2     | 1     | 1     | 1     | 1     | 1     | 2     |

Licensee Comments: none

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## Reactor Coolant System Activity



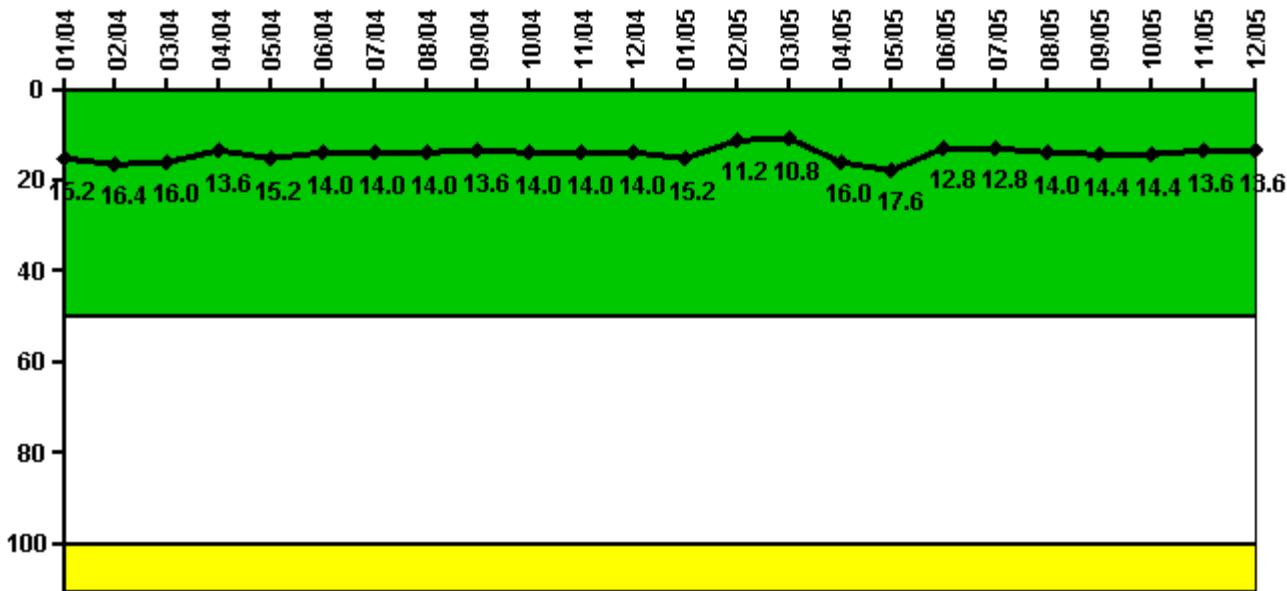
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Activity | 1/04     | 2/04     | 3/04     | 4/04     | 5/04     | 6/04     | 7/04     | 8/04     | 9/04     | 10/04    | 11/04    | 12/04    |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity                | 0.001920 | 0.000680 | 0.000898 | 0.000854 | 0.000748 | 0.000809 | 0.000897 | 0.000918 | 0.000684 | 0.000767 | 0.001600 | 0.000727 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 1.0      | 0.3      | 0.4      | 0.4      | 0.4      | 0.4      | 0.4      | 0.5      | 0.3      | 0.4      | 0.8      | 0.4      |
| Reactor Coolant System Activity | 1/05     | 2/05     | 3/05     | 4/05     | 5/05     | 6/05     | 7/05     | 8/05     | 9/05     | 10/05    | 11/05    | 12/05    |
| Maximum activity                | 0.000698 | 0.000909 | 0.000988 | 0.000878 | 0.000466 | 0.000958 | 0.001180 | 0.001200 | 0.001230 | 0.000955 | 0.000789 | 0.001060 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0.3      | 0.5      | 0.5      | 0.4      | 0.2      | 0.5      | 0.6      | 0.6      | 0.6      | 0.5      | 0.4      | 0.5      |

Licensee Comments: none

## Reactor Coolant System Leakage



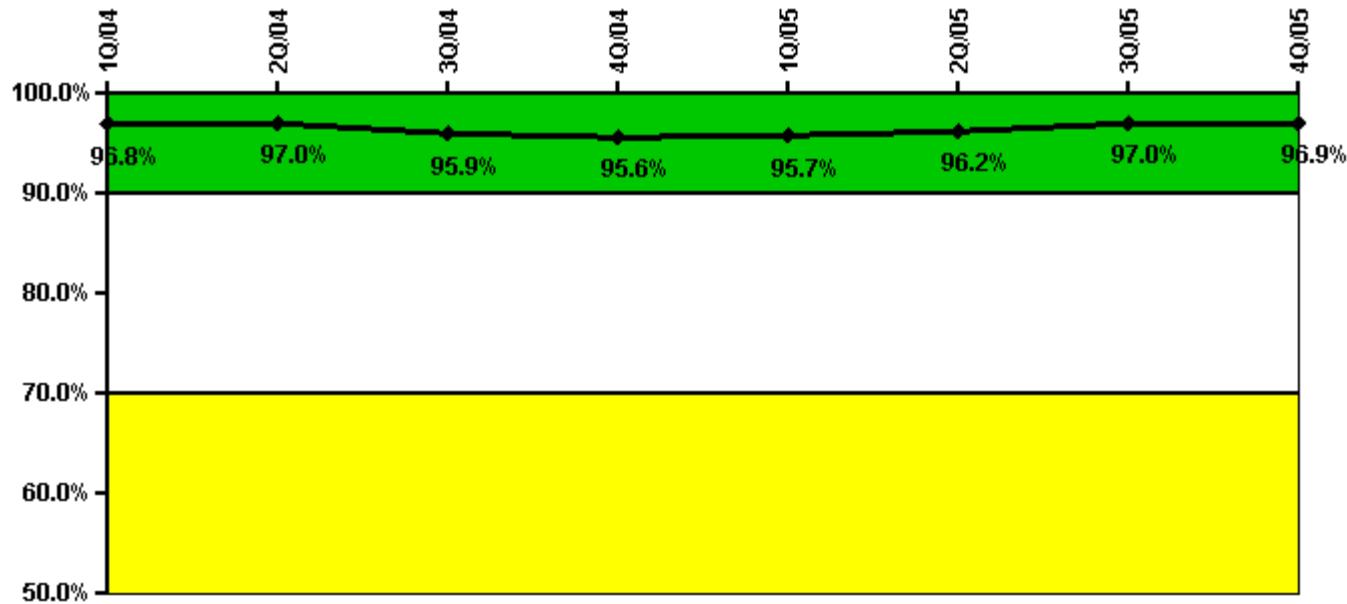
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Leakage | 1/04  | 2/04  | 3/04  | 4/04  | 5/04  | 6/04  | 7/04  | 8/04  | 9/04  | 10/04 | 11/04 | 12/04 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage                | 3.800 | 4.100 | 4.000 | 3.400 | 3.800 | 3.500 | 3.500 | 3.500 | 3.400 | 3.500 | 3.500 | 3.500 |
| Technical specification limit  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  |
|                                |       |       |       |       |       |       |       |       |       |       |       |       |
| Indicator value                | 15.2  | 16.4  | 16.0  | 13.6  | 15.2  | 14.0  | 14.0  | 14.0  | 13.6  | 14.0  | 14.0  | 14.0  |
| Reactor Coolant System Leakage | 1/05  | 2/05  | 3/05  | 4/05  | 5/05  | 6/05  | 7/05  | 8/05  | 9/05  | 10/05 | 11/05 | 12/05 |
| Maximum leakage                | 3.800 | 2.800 | 2.700 | 4.000 | 4.400 | 3.200 | 3.200 | 3.500 | 3.600 | 3.600 | 3.400 | 3.400 |
| Technical specification limit  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  |
|                                |       |       |       |       |       |       |       |       |       |       |       |       |
| Indicator value                | 15.2  | 11.2  | 10.8  | 16.0  | 17.6  | 12.8  | 12.8  | 14.0  | 14.4  | 14.4  | 13.6  | 13.6  |

Licensee Comments: none

### Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

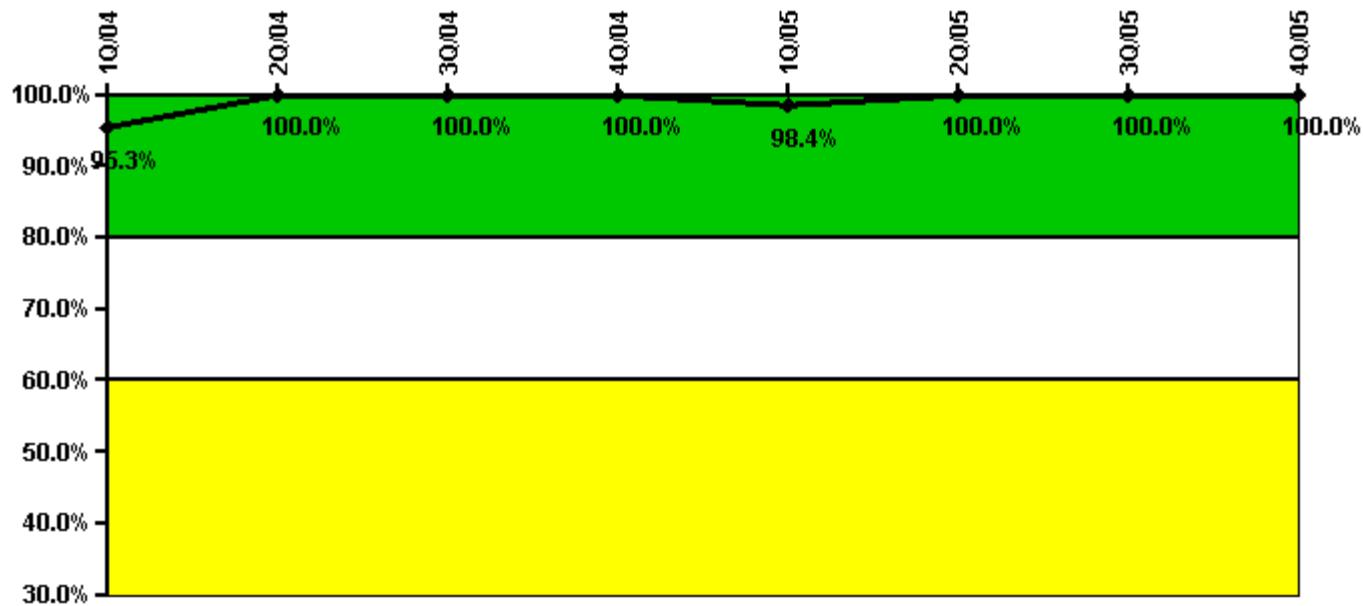
#### Notes

| Drill/Exercise Performance | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities   | 30.0  | 29.0  | 48.0  | 60.0  | 2.0   | 56.0  | 61.0  | 59.0  |
| Total opportunities        | 30.0  | 30.0  | 52.0  | 64.0  | 2.0   | 56.0  | 62.0  | 60.0  |
| Indicator value            | 96.8% | 97.0% | 95.9% | 95.6% | 95.7% | 96.2% | 97.0% | 96.9% |

Licensee Comments: none

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## ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

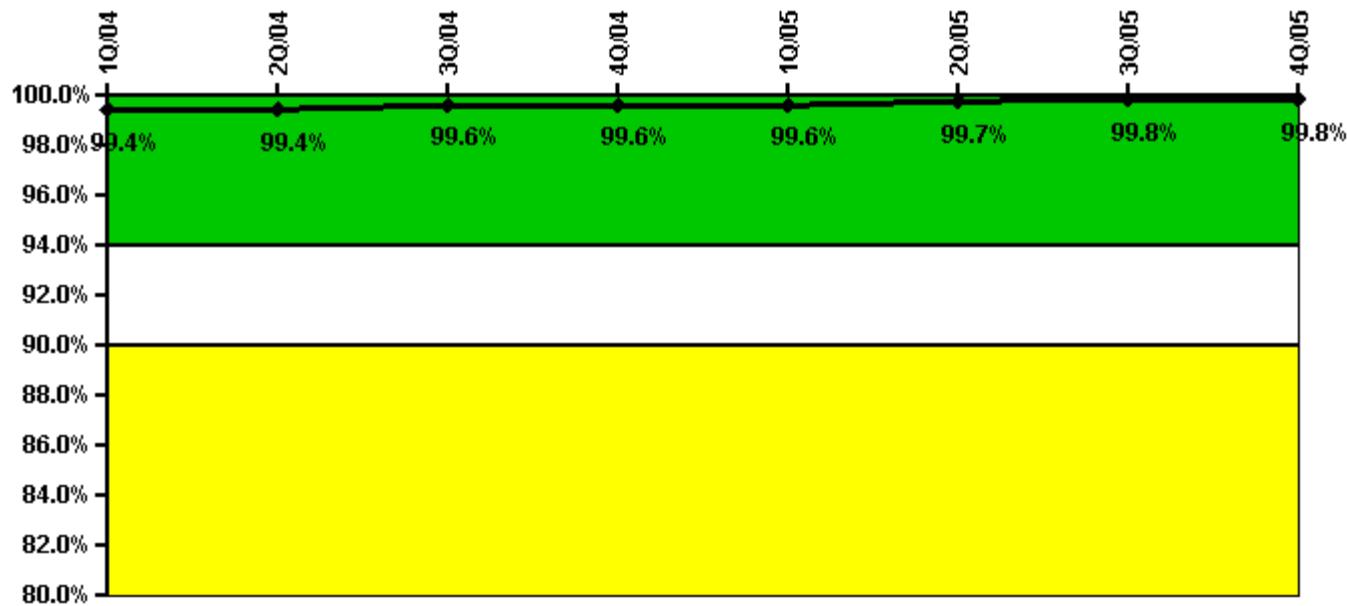
### Notes

| ERO Drill Participation     | 1Q/04        | 2Q/04         | 3Q/04         | 4Q/04         | 1Q/05        | 2Q/05         | 3Q/05         | 4Q/05         |
|-----------------------------|--------------|---------------|---------------|---------------|--------------|---------------|---------------|---------------|
| Participating Key personnel | 61.0         | 65.0          | 64.0          | 67.0          | 62.0         | 62.0          | 59.0          | 61.0          |
| Total Key personnel         | 64.0         | 65.0          | 64.0          | 67.0          | 63.0         | 62.0          | 59.0          | 61.0          |
| <b>Indicator value</b>      | <b>95.3%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>98.4%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> |

Licensee Comments: none

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## Alert & Notification System



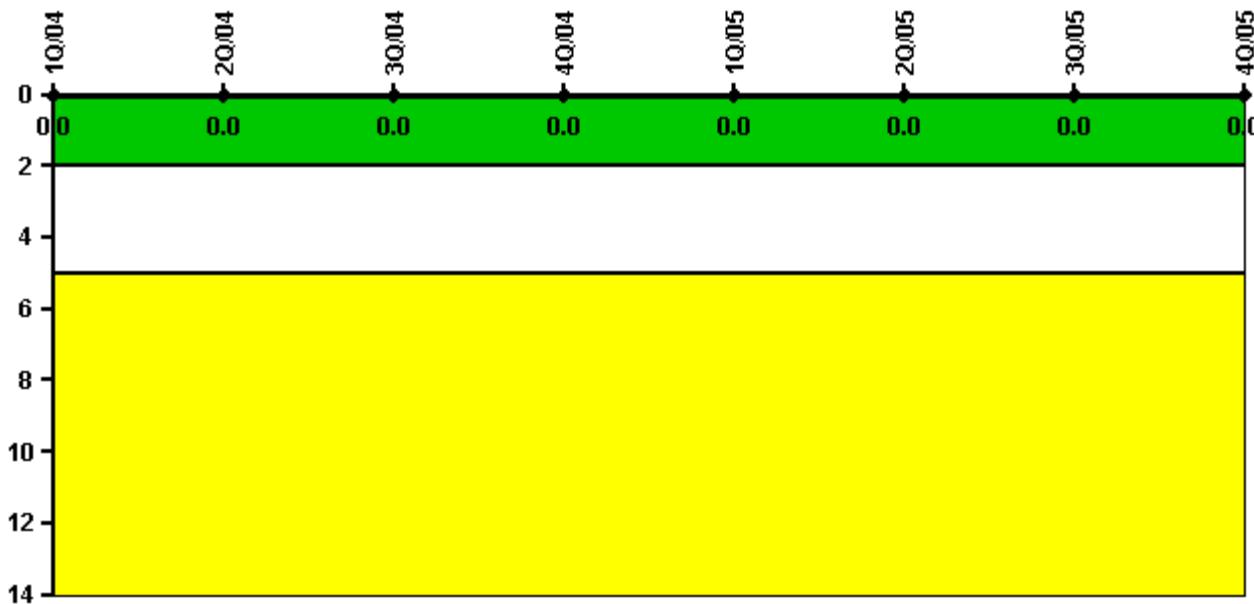
Thresholds: White < 94.0% Yellow < 90.0%

### Notes

| Alert & Notification System | 1Q/04        | 2Q/04        | 3Q/04        | 4Q/04        | 1Q/05        | 2Q/05        | 3Q/05        | 4Q/05        |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests      | 3194         | 3180         | 3230         | 3245         | 3195         | 3195         | 3185         | 3196         |
| Total sirens-tests          | 3200         | 3200         | 3250         | 3250         | 3200         | 3200         | 3200         | 3200         |
| <b>Indicator value</b>      | <b>99.4%</b> | <b>99.4%</b> | <b>99.6%</b> | <b>99.6%</b> | <b>99.6%</b> | <b>99.7%</b> | <b>99.8%</b> | <b>99.8%</b> |

Licensee Comments: none

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**Occupational Exposure Control Effectiveness**

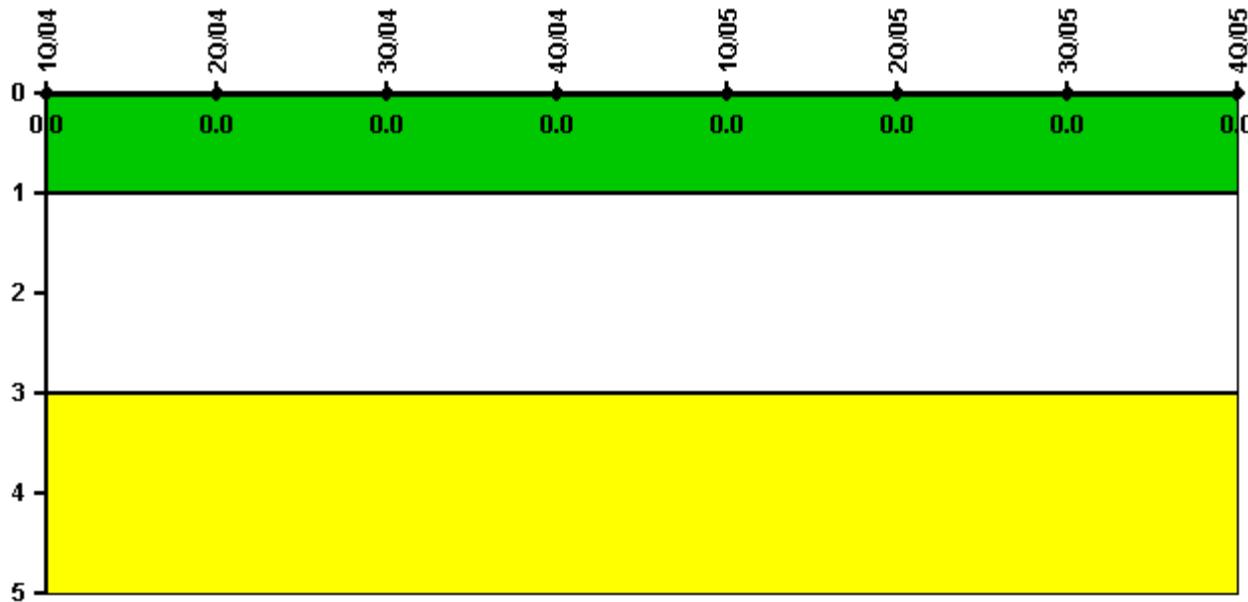
Thresholds: White > 2.0 Yellow > 5.0

**Notes**

| Occupational Exposure Control Effectiveness | 1Q/04    | 2Q/04    | 3Q/04    | 4Q/04    | 1Q/05    | 2Q/05    | 3Q/05    | 4Q/05    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>0</b> |

Licensee Comments: none

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**RETS/ODCM Radiological Effluent**

Thresholds: White > 1.0 Yellow > 3.0

**Notes**

| RETS/ODCM Radiological Effluent | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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[Physical Protection](#) information not publicly available.

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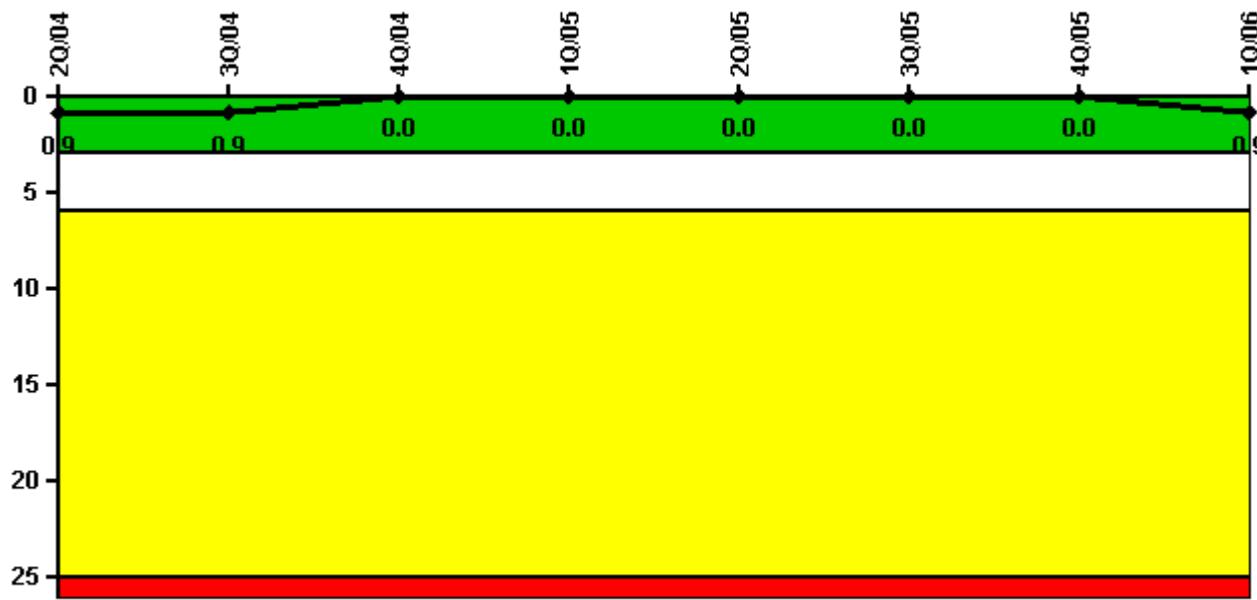


[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: January 30, 2006

**La Salle 1****1Q/2006 Performance Indicators**

Licensee's General Comments: none

**Unplanned Scrams per 7000 Critical Hrs**

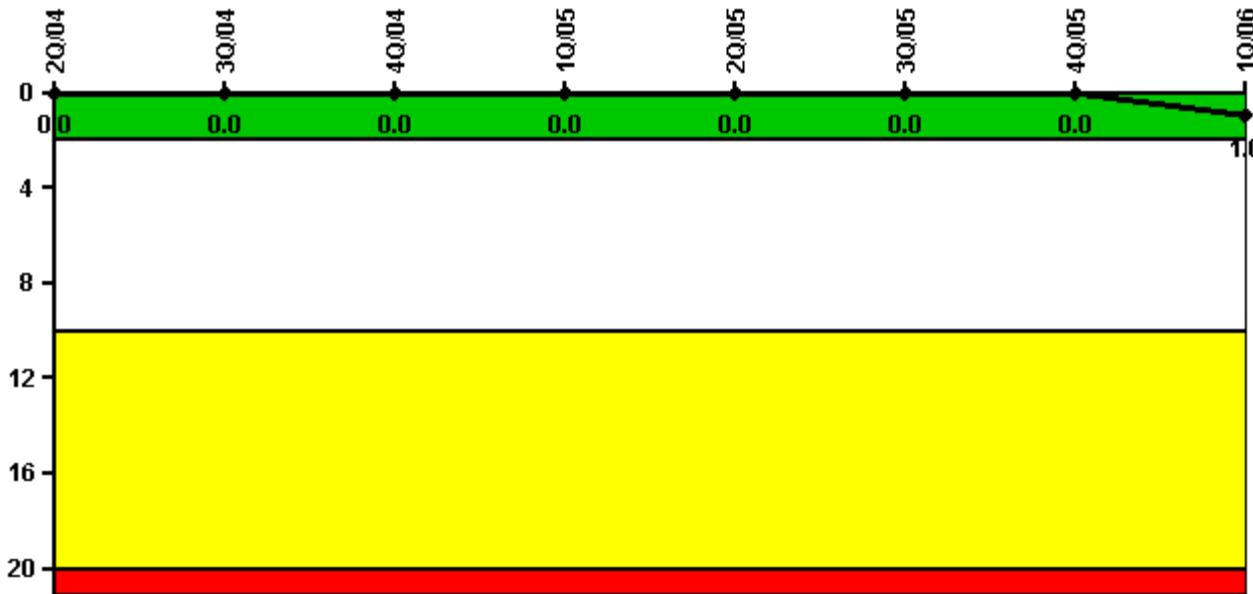
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

**Notes**

| <b>Unplanned Scrams per 7000 Critical Hrs</b> | <b>2Q/04</b> | <b>3Q/04</b> | <b>4Q/04</b> | <b>1Q/05</b> | <b>2Q/05</b> | <b>3Q/05</b> | <b>4Q/05</b> | <b>1Q/06</b> |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Unplanned scrams                              | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1.0          |
| Critical hours                                | 2183.0       | 2208.0       | 2209.0       | 2160.0       | 2183.0       | 2208.0       | 2209.0       | 1549.1       |
| <b>Indicator value</b>                        | <b>0.9</b>   | <b>0.9</b>   | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0.9</b>   |

Licensee Comments: none

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**Scrams with Loss of Normal Heat Removal**

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

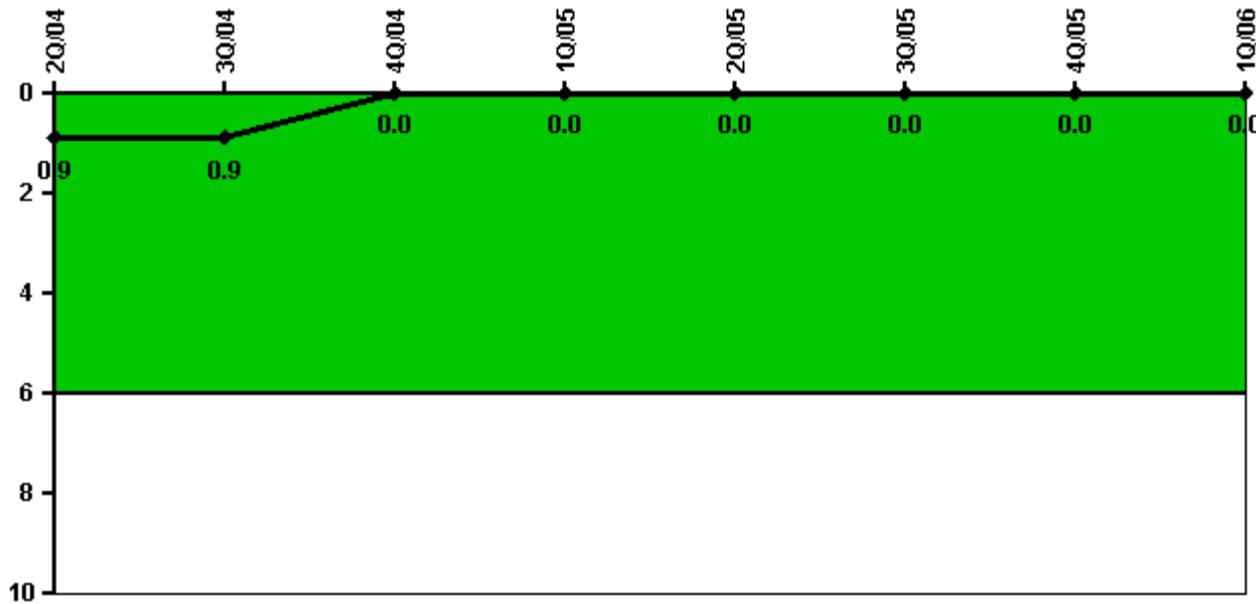
**Notes**

| Scrams with Loss of Normal Heat Removal | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams                                  | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1.0   |
| Indicator value                         | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1.0   |

Licensee Comments: none

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### Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

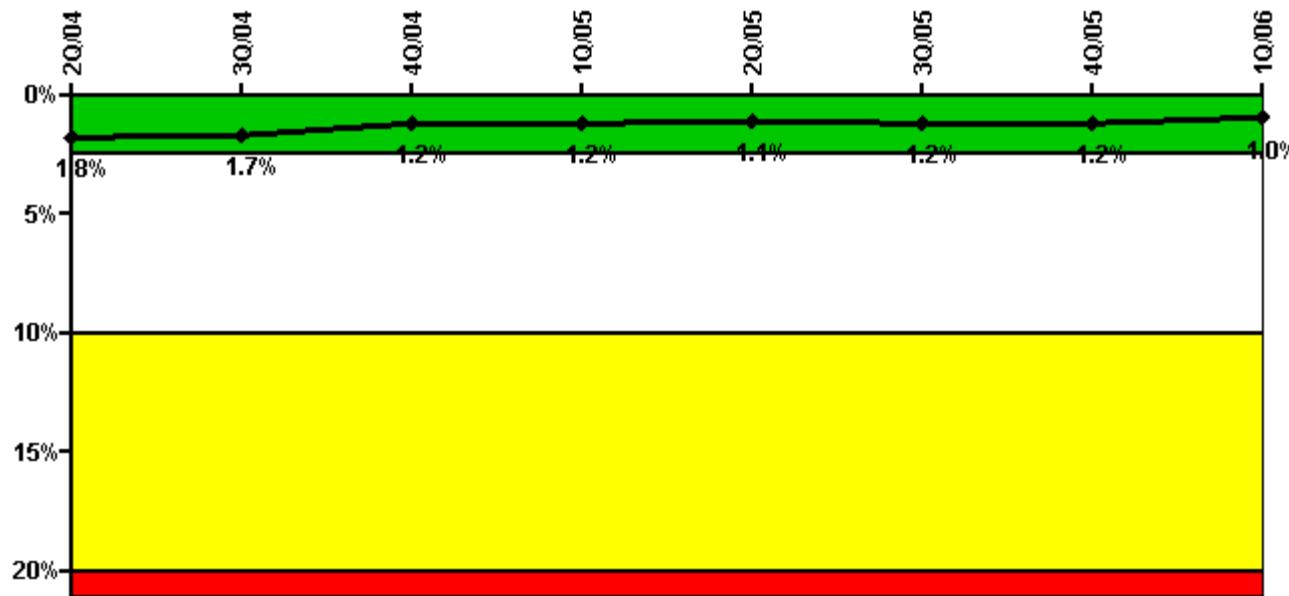
#### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 2Q/04      | 3Q/04      | 4Q/04    | 1Q/05    | 2Q/05    | 3Q/05    | 4Q/05    | 1Q/06    |
|---|------------|------------|----------|----------|----------|----------|----------|----------|
| Unplanned power changes                       | 0          | 0          | 0        | 0        | 0        | 0        | 0        | 0        |
| Critical hours                                | 2183.0     | 2208.0     | 2209.0   | 2160.0   | 2183.0   | 2208.0   | 2209.0   | 1549.1   |
| Indicator value                               | <b>0.9</b> | <b>0.9</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> |

Licensee Comments: none

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## Safety System Unavailability, Emergency AC Power, >2EDG



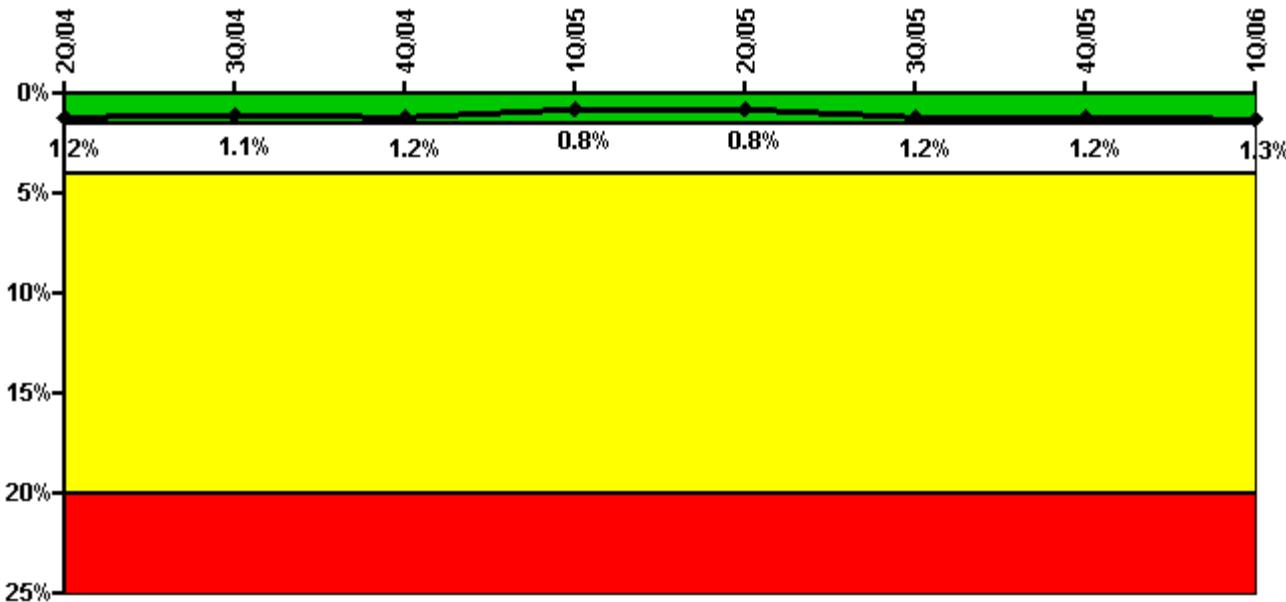
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

### Notes

| Safety System Unavailability, Emergency AC Power, >2EDG | 2Q/04       | 3Q/04       | 4Q/04       | 1Q/05       | 2Q/05       | 3Q/05       | 4Q/05       | 1Q/06       |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 58.03       | 7.65        | 14.42       | 8.05        | 18.67       | 2.45        | 0.75        | 0.75        |
| Unplanned unavailable hours                             | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Fault exposure hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     |
| <b>Train 2</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 0.75        | 0.75        | 0.75        | 21.03       | 0.75        | 0.92        | 0.75        | 8.33        |
| Unplanned unavailable hours                             | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Fault exposure hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     |
| <b>Train 3</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 91.30       | 0.75        | 39.62       | 0.75        | 0.75        | 71.71       | 0.75        | 0.75        |
| Unplanned unavailable hours                             | 0           | 0           | 0           | 0           | 0           | 56.97       | 0           | 0           |
| Fault exposure hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     |
| <b>Indicator value</b>                                  | <b>1.8%</b> | <b>1.7%</b> | <b>1.2%</b> | <b>1.2%</b> | <b>1.1%</b> | <b>1.2%</b> | <b>1.2%</b> | <b>1.0%</b> |

Licensee Comments: none

## Safety System Unavailability, High Pressure Injection System (HPCS)



Thresholds: White > 1.5% Yellow > 4.0% Red > 20.0%

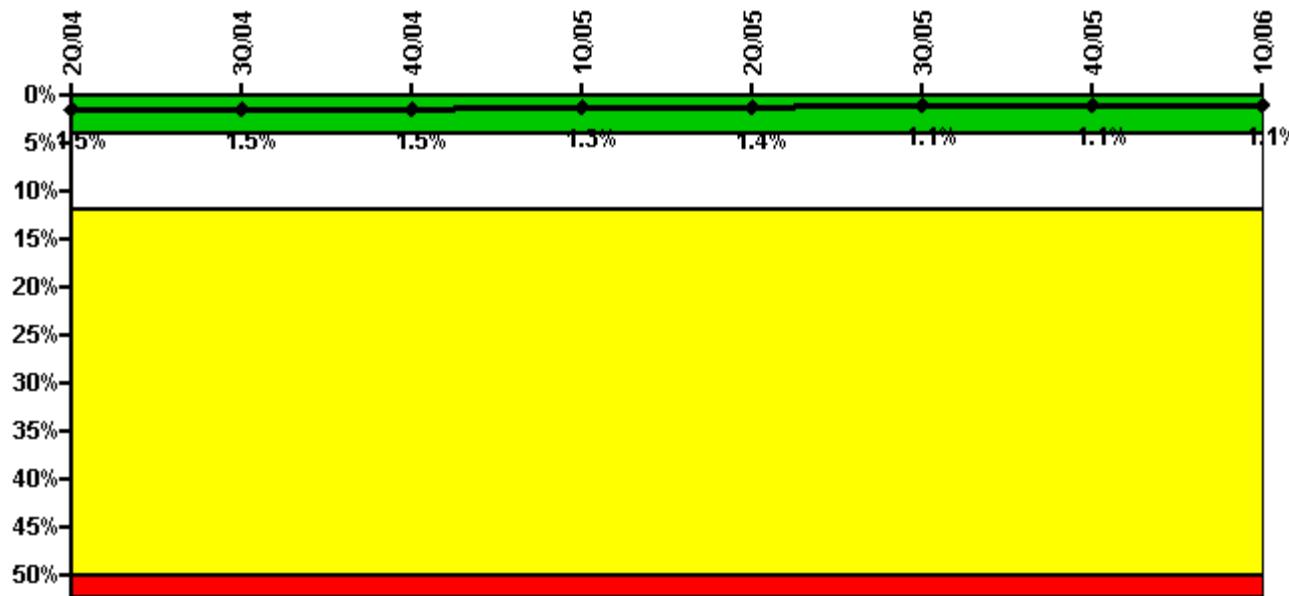
### Notes

| Safety System Unavailability, High Pressure Injection System (HPCS) | 2Q/04       | 3Q/04       | 4Q/04       | 1Q/05       | 2Q/05       | 3Q/05       | 4Q/05       | 1Q/06       |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours   | 85.17       | 0           | 41.92       | 0           | 0           | 65.12       | 0           | 0           |
| Unplanned unavailable hours   | 0           | 0           | 0           | 0           | 0           | 38.75       | 0           | 0           |
| Fault exposure hours  | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 1549.18     |
| <b>Indicator value</b>  | <b>1.2%</b> | <b>1.1%</b> | <b>1.2%</b> | <b>0.8%</b> | <b>0.8%</b> | <b>1.2%</b> | <b>1.2%</b> | <b>1.3%</b> |

Licensee Comments: none

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## Safety System Unavailability, Heat Removal System (RCIC)



Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

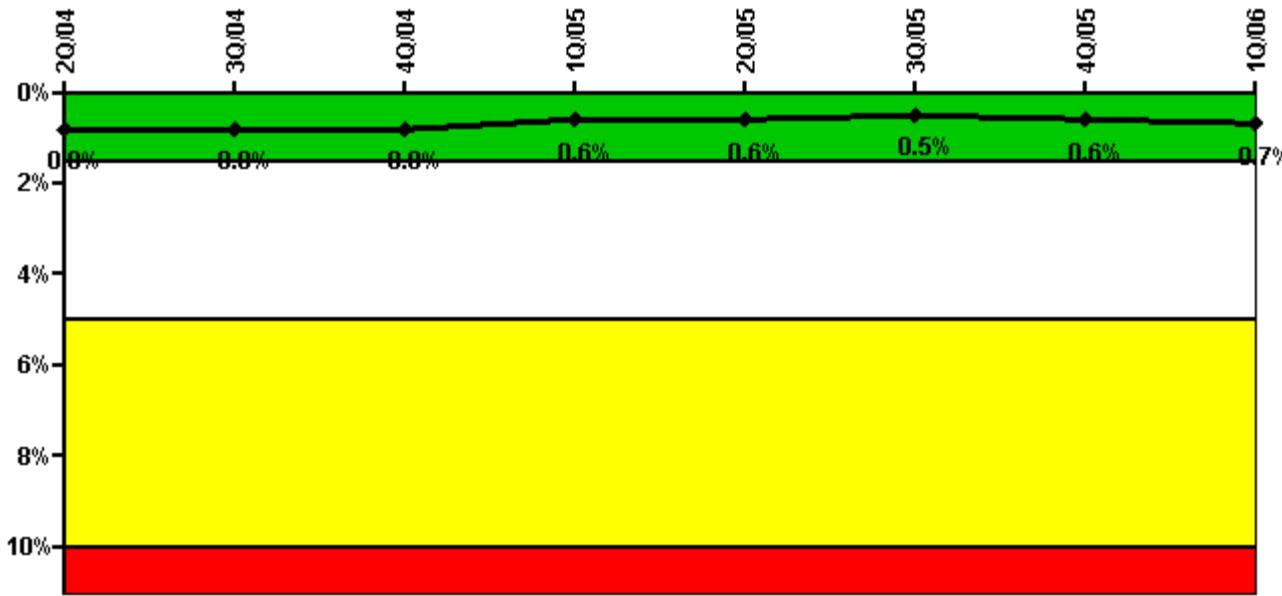
### Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 2Q/04       | 3Q/04       | 4Q/04       | 1Q/05       | 2Q/05       | 3Q/05       | 4Q/05       | 1Q/06       |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                | 16.95       | 5.80        | 24.70       | 0           | 36.60       | 1.83        | 0           | 13.28       |
| Unplanned unavailable hours                              | 0           | 0           | 30.10       | 0           | 15.20       | 9.50        | 0           | 0           |
| Fault exposure hours                                     | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 1549.18     |
| <b>Indicator value</b>                                   | <b>1.5%</b> | <b>1.5%</b> | <b>1.5%</b> | <b>1.3%</b> | <b>1.4%</b> | <b>1.1%</b> | <b>1.1%</b> | <b>1.1%</b> |

Licensee Comments: none

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## Safety System Unavailability, Residual Heat Removal System

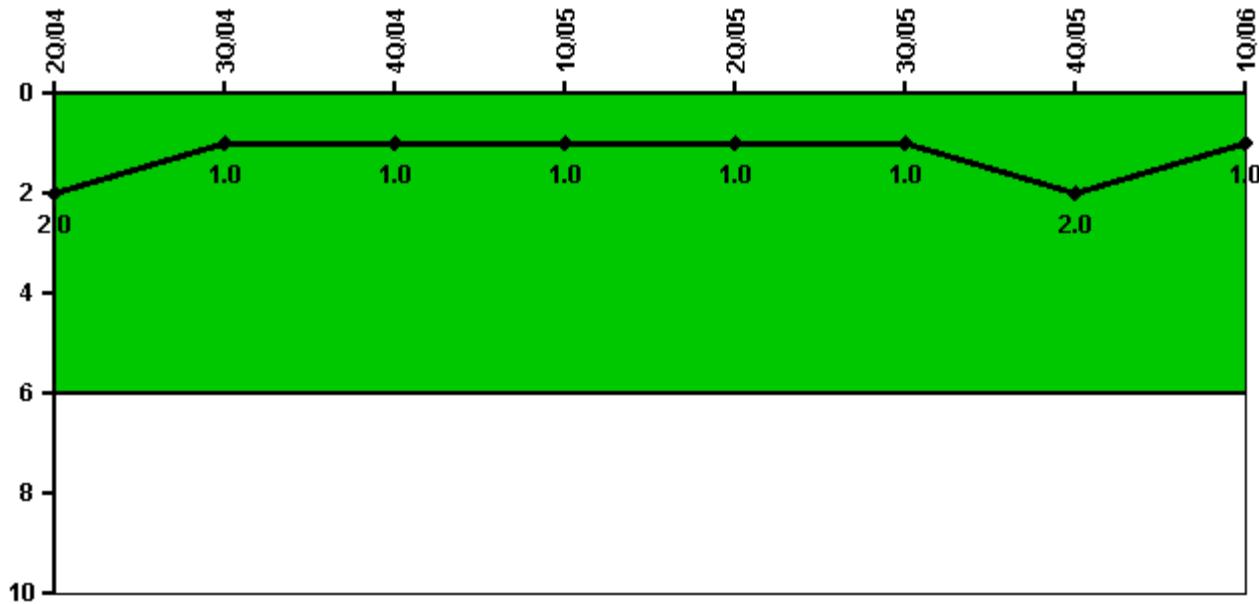


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

### Notes

| Safety System Unavailability, Residual Heat Removal System | 2Q/04       | 3Q/04       | 4Q/04       | 1Q/05       | 2Q/05       | 3Q/05       | 4Q/05       | 1Q/06       |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                  | 13.27       | 14.34       | 5.70        | 0           | 6.73        | 1.83        | 30.42       | 55.56       |
| Unplanned unavailable hours                                | 0           | 0.48        | 30.08       | 0           | 0           | 0           | 0           | 0           |
| Fault exposure hours                                       | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                      | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     |
| <b>Train 2</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                  | 32.97       | 0           | 0           | 7.63        | 15.63       | 0           | 0           | 0           |
| Unplanned unavailable hours                                | 0           | 0           | 0           | 0           | 0           | 29.00       | 0           | 0           |
| Fault exposure hours                                       | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                      | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours   | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     |
| <b>Indicator value</b>                                     | <b>0.8%</b> | <b>0.8%</b> | <b>0.8%</b> | <b>0.6%</b> | <b>0.6%</b> | <b>0.5%</b> | <b>0.6%</b> | <b>0.7%</b> |

Licensee Comments: none

**Safety System Functional Failures (BWR)**

Thresholds: White > 6.0

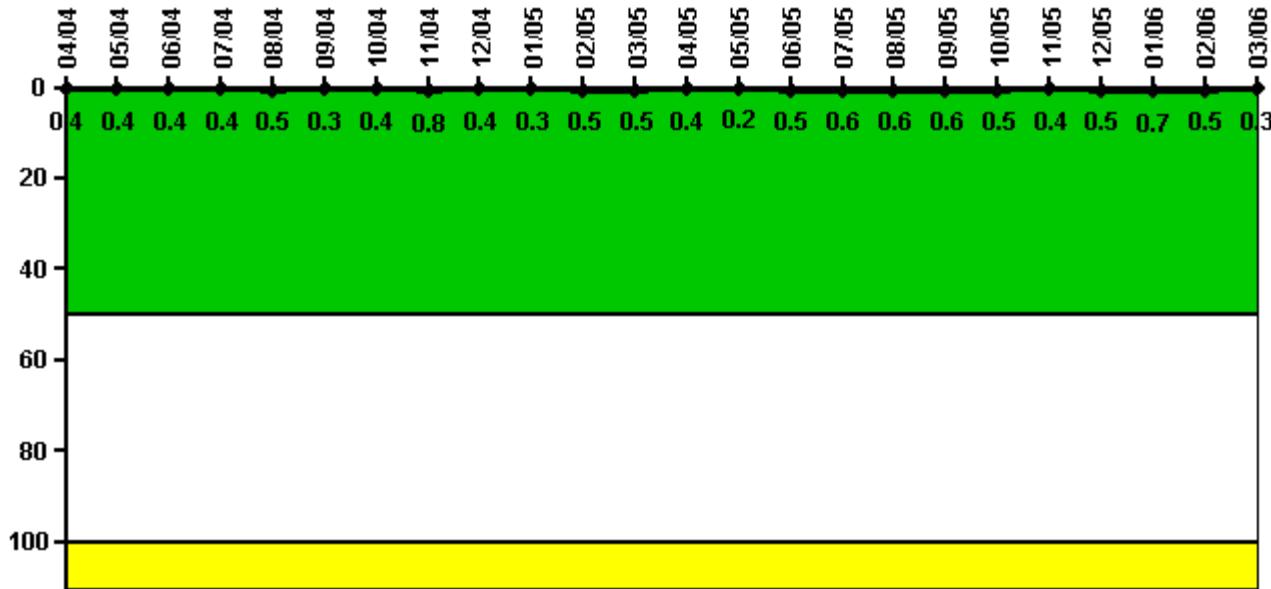
**Notes**

| Safety System Functional Failures (BWR) | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures       | 0     | 0     | 0     | 1     | 0     | 0     | 1     | 0     |
| Indicator value                         | 2     | 1     | 1     | 1     | 1     | 1     | 2     | 1     |

Licensee Comments: none

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## Reactor Coolant System Activity



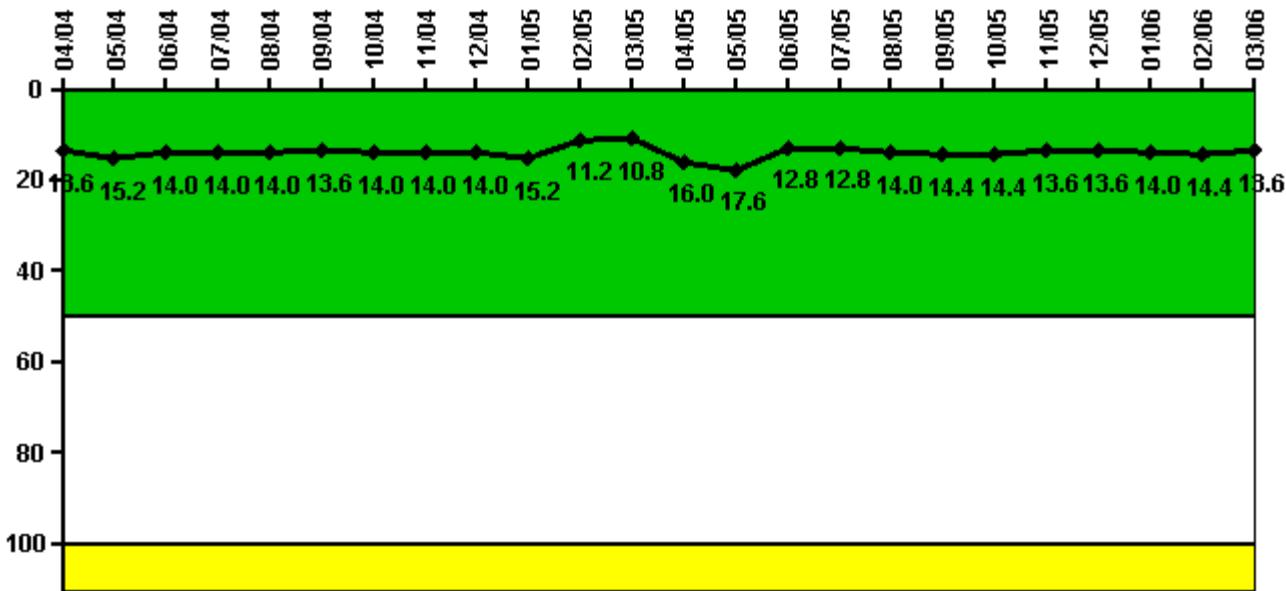
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Activity | 4/04     | 5/04     | 6/04     | 7/04     | 8/04     | 9/04     | 10/04    | 11/04    | 12/04    | 1/05     | 2/05     | 3/05     |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity                | 0.000854 | 0.000748 | 0.000809 | 0.000897 | 0.000918 | 0.000684 | 0.000767 | 0.001600 | 0.000727 | 0.000698 | 0.000909 | 0.000988 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0.4      | 0.4      | 0.4      | 0.4      | 0.5      | 0.3      | 0.4      | 0.8      | 0.4      | 0.3      | 0.5      | 0.5      |
| Reactor Coolant System Activity | 4/05     | 5/05     | 6/05     | 7/05     | 8/05     | 9/05     | 10/05    | 11/05    | 12/05    | 1/06     | 2/06     | 3/06     |
| Maximum activity                | 0.000878 | 0.000466 | 0.000958 | 0.001180 | 0.001200 | 0.001230 | 0.000955 | 0.000789 | 0.001060 | 0.001370 | 0.000991 | 0.000511 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0.4      | 0.2      | 0.5      | 0.6      | 0.6      | 0.6      | 0.5      | 0.4      | 0.5      | 0.7      | 0.5      | 0.3      |

Licensee Comments: none

## Reactor Coolant System Leakage



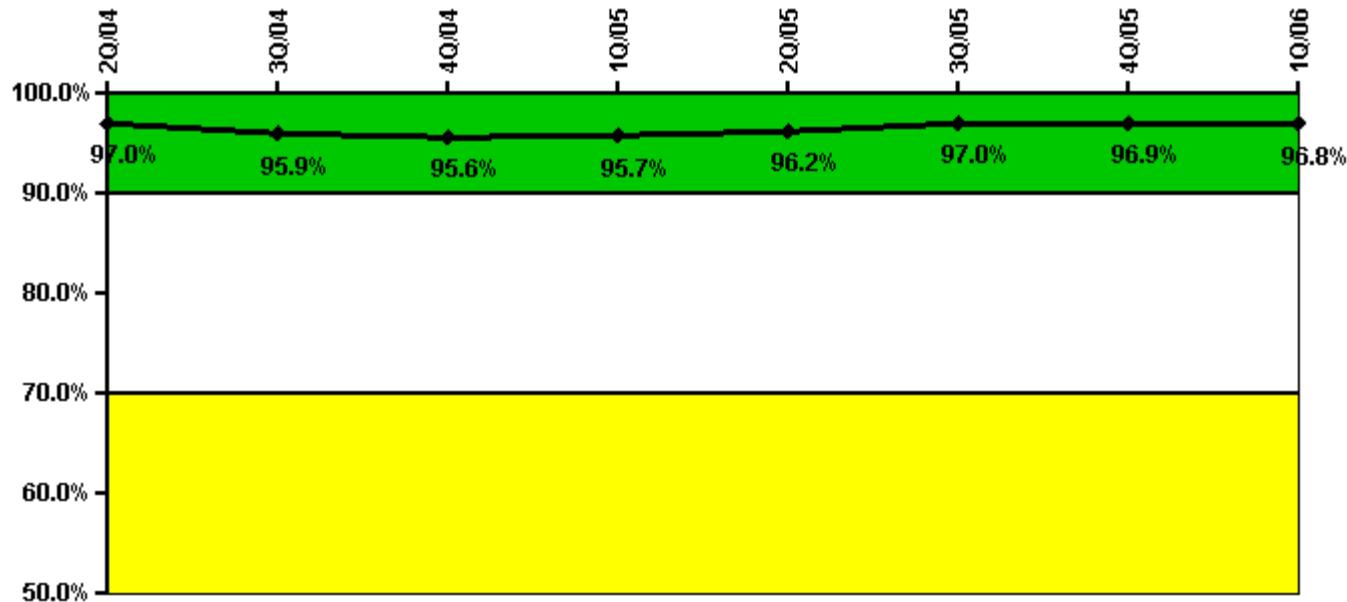
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Leakage | 4/04  | 5/04  | 6/04  | 7/04  | 8/04  | 9/04  | 10/04 | 11/04 | 12/04 | 1/05  | 2/05  | 3/05  |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage                | 3.400 | 3.800 | 3.500 | 3.500 | 3.500 | 3.400 | 3.500 | 3.500 | 3.500 | 3.800 | 2.800 | 2.700 |
| Indicator value                | 13.6  | 15.2  | 14.0  | 14.0  | 14.0  | 13.6  | 14.0  | 14.0  | 14.0  | 15.2  | 11.2  | 10.8  |
| Reactor Coolant System Leakage | 4/05  | 5/05  | 6/05  | 7/05  | 8/05  | 9/05  | 10/05 | 11/05 | 12/05 | 1/06  | 2/06  | 3/06  |
| Maximum leakage                | 4.000 | 4.400 | 3.200 | 3.200 | 3.500 | 3.600 | 3.600 | 3.400 | 3.400 | 3.500 | 3.600 | 3.400 |
| Technical specification limit  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  |
| Indicator value                | 16.0  | 17.6  | 12.8  | 12.8  | 14.0  | 14.4  | 14.4  | 13.6  | 13.6  | 14.0  | 14.4  | 13.6  |

Licensee Comments: none

### Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

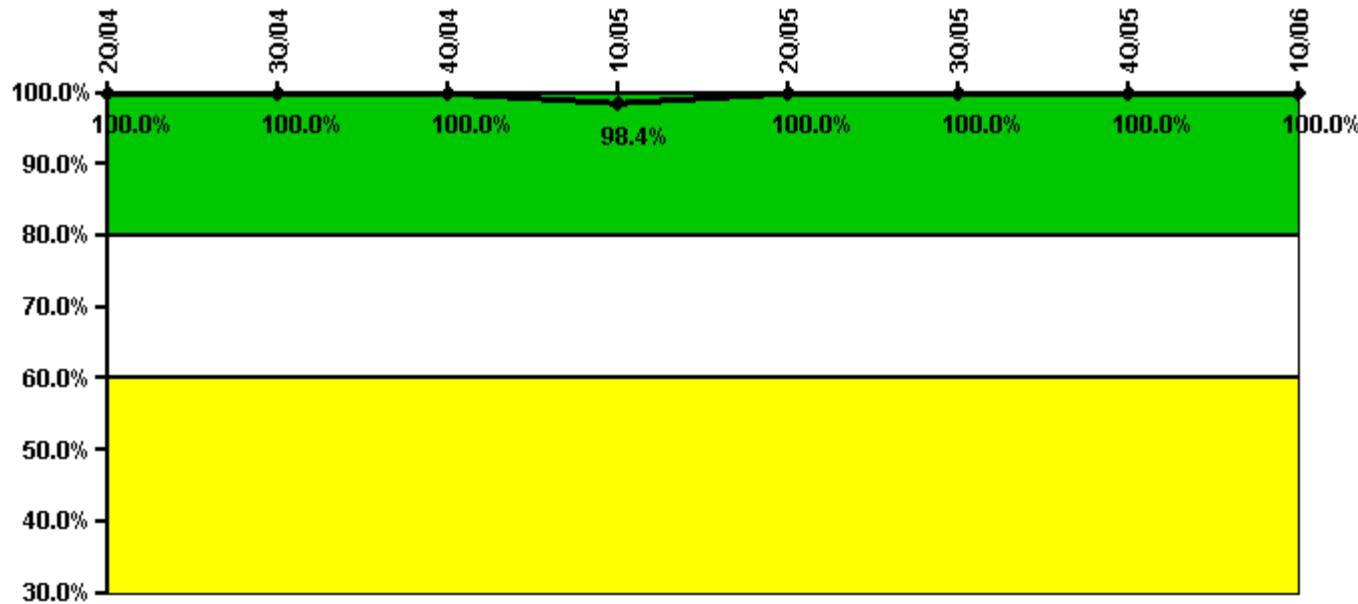
#### Notes

| Drill/Exercise Performance | 2Q/04        | 3Q/04        | 4Q/04        | 1Q/05        | 2Q/05        | 3Q/05        | 4Q/05        | 1Q/06        |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful opportunities   | 29.0         | 48.0         | 60.0         | 2.0          | 56.0         | 61.0         | 59.0         | 18.0         |
| Total opportunities        | 30.0         | 52.0         | 64.0         | 2.0          | 56.0         | 62.0         | 60.0         | 18.0         |
| <b>Indicator value</b>     | <b>97.0%</b> | <b>95.9%</b> | <b>95.6%</b> | <b>95.7%</b> | <b>96.2%</b> | <b>97.0%</b> | <b>96.9%</b> | <b>96.8%</b> |

Licensee Comments: none

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### ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

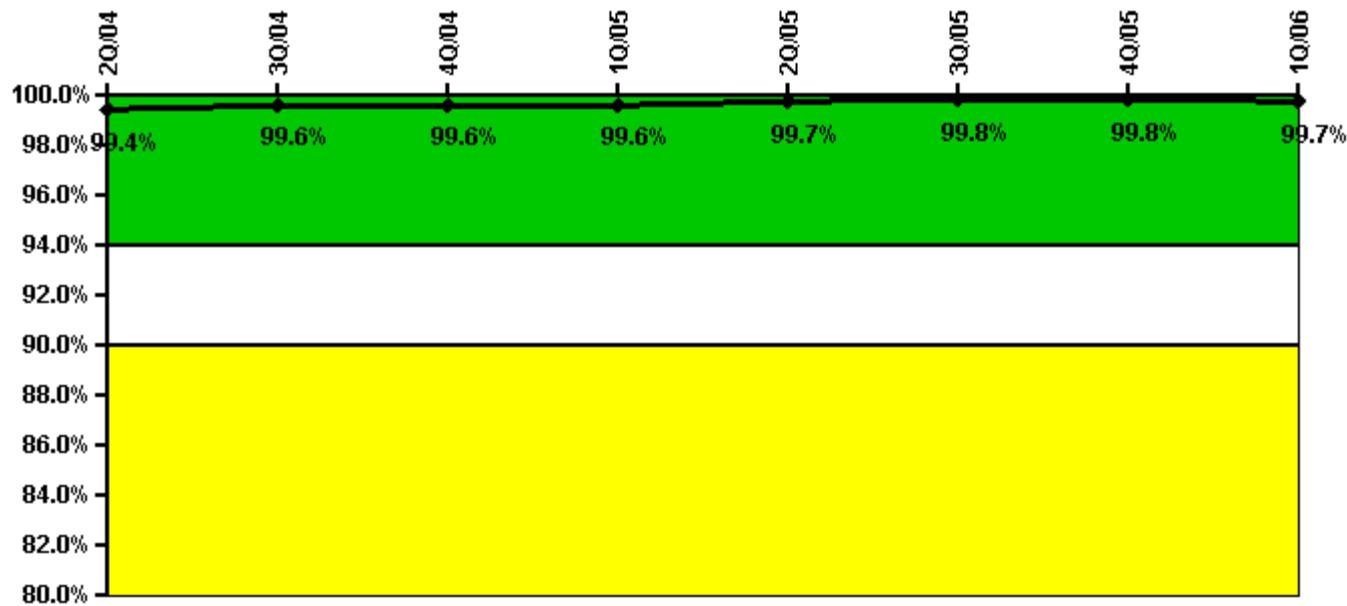
#### Notes

| ERO Drill Participation     | 2Q/04  | 3Q/04  | 4Q/04  | 1Q/05 | 2Q/05  | 3Q/05  | 4Q/05  | 1Q/06  |
|-----------------------------|--------|--------|--------|-------|--------|--------|--------|--------|
| Participating Key personnel | 65.0   | 64.0   | 67.0   | 62.0  | 62.0   | 59.0   | 61.0   | 63.0   |
| Total Key personnel         | 65.0   | 64.0   | 67.0   | 63.0  | 62.0   | 59.0   | 61.0   | 63.0   |
| Indicator value             | 100.0% | 100.0% | 100.0% | 98.4% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

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## Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

### Notes

| Alert & Notification System | 2Q/04        | 3Q/04        | 4Q/04        | 1Q/05        | 2Q/05        | 3Q/05        | 4Q/05        | 1Q/06        |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests      | 3180         | 3230         | 3245         | 3195         | 3195         | 3185         | 3196         | 3241         |
| Total sirens-tests          | 3200         | 3250         | 3250         | 3200         | 3200         | 3200         | 3200         | 3250         |
| <b>Indicator value</b>      | <b>99.4%</b> | <b>99.6%</b> | <b>99.6%</b> | <b>99.6%</b> | <b>99.7%</b> | <b>99.8%</b> | <b>99.8%</b> | <b>99.7%</b> |

Licensee Comments: none

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**Occupational Exposure Control Effectiveness**

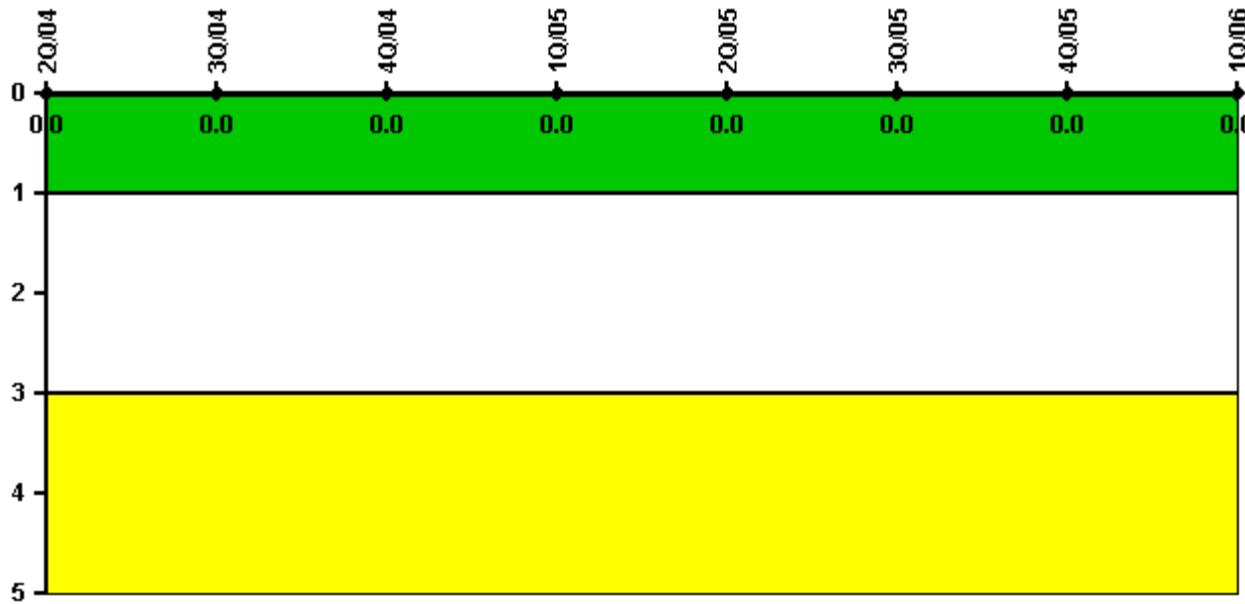
Thresholds: White > 2.0 Yellow > 5.0

**Notes**

| Occupational Exposure Control Effectiveness | 2Q/04    | 3Q/04    | 4Q/04    | 1Q/05    | 2Q/05    | 3Q/05    | 4Q/05    | 1Q/06    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>0</b> |

Licensee Comments: none

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**RETS/ODCM Radiological Effluent**

Thresholds: White > 1.0 Yellow > 3.0

**Notes**

| RETS/ODCM Radiological Effluent | 2Q/04    | 3Q/04    | 4Q/04    | 1Q/05    | 2Q/05    | 3Q/05    | 4Q/05    | 1Q/06    |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| RETS/ODCM occurrences           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Indicator value                 | <b>0</b> |

Licensee Comments: none

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[Physical Protection](#) information not publicly available.

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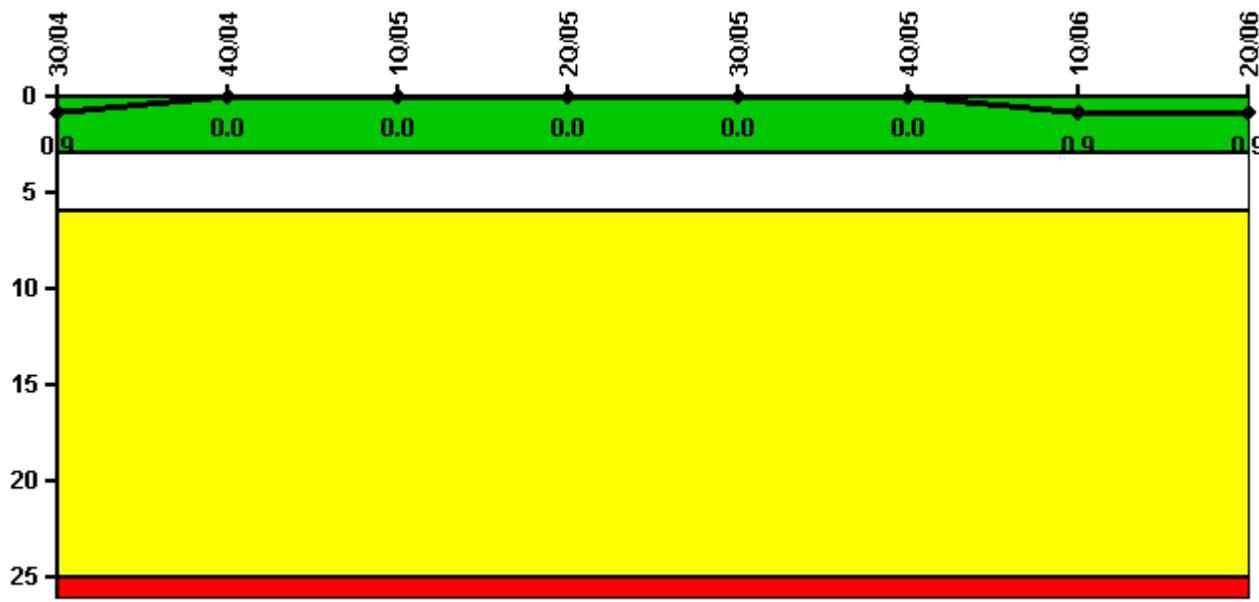


[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: May 5, 2006

**La Salle 1****2Q/2006 Performance Indicators**

Licensee's General Comments: none

**Unplanned Scrams per 7000 Critical Hrs**

Thresholds: White &gt; 3.0 Yellow &gt; 6.0 Red &gt; 25.0

**Notes**

| Unplanned Scrams per 7000 Critical Hrs | 3Q/04  | 4Q/04  | 1Q/05  | 2Q/05  | 3Q/05  | 4Q/05  | 1Q/06  | 2Q/06  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 0      | 0      | 0      | 0      | 0      | 1.0    | 0      |
| Critical hours                         | 2208.0 | 2209.0 | 2160.0 | 2183.0 | 2208.0 | 2209.0 | 1549.1 | 2183.0 |
| Indicator value                        | 0.9    | 0      | 0      | 0      | 0      | 0      | 0.9    | 0.9    |

Licensee Comments: none

**Scrams with Loss of Normal Heat Removal**

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

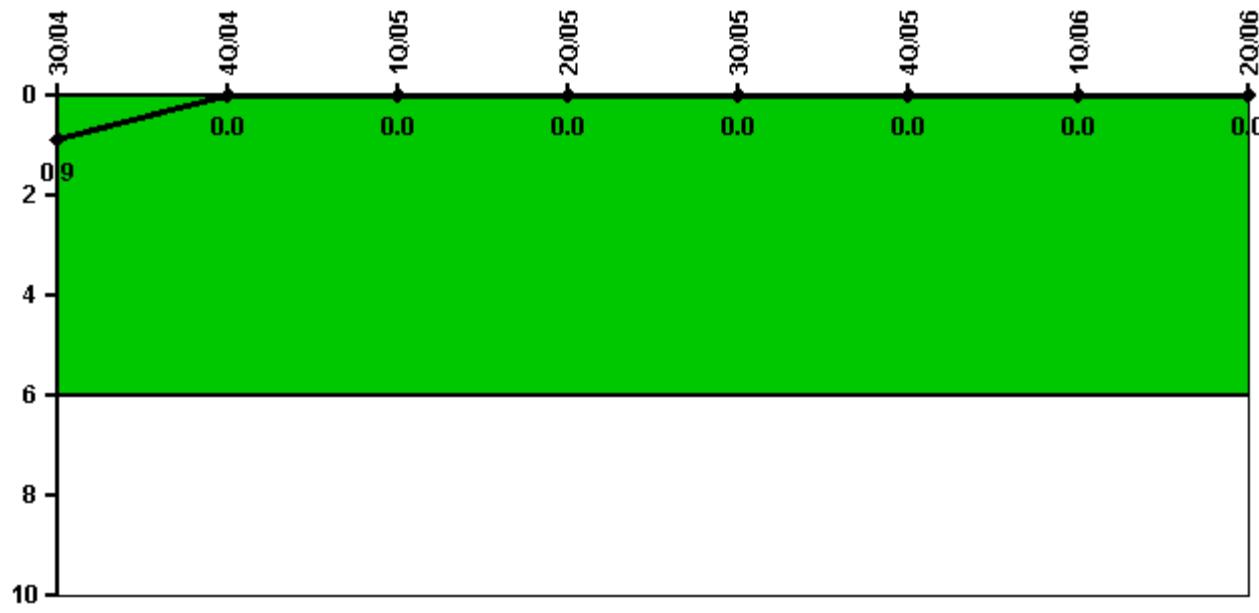
**Notes**

| Scrams with Loss of Normal Heat Removal | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams                                  | 0     | 0     | 0     | 0     | 0     | 0     | 1.0   | 0     |
| Indicator value                         | 0     | 0     | 0     | 0     | 0     | 0     | 1.0   | 1.0   |

Licensee Comments: none

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### Unplanned Power Changes per 7000 Critical Hrs



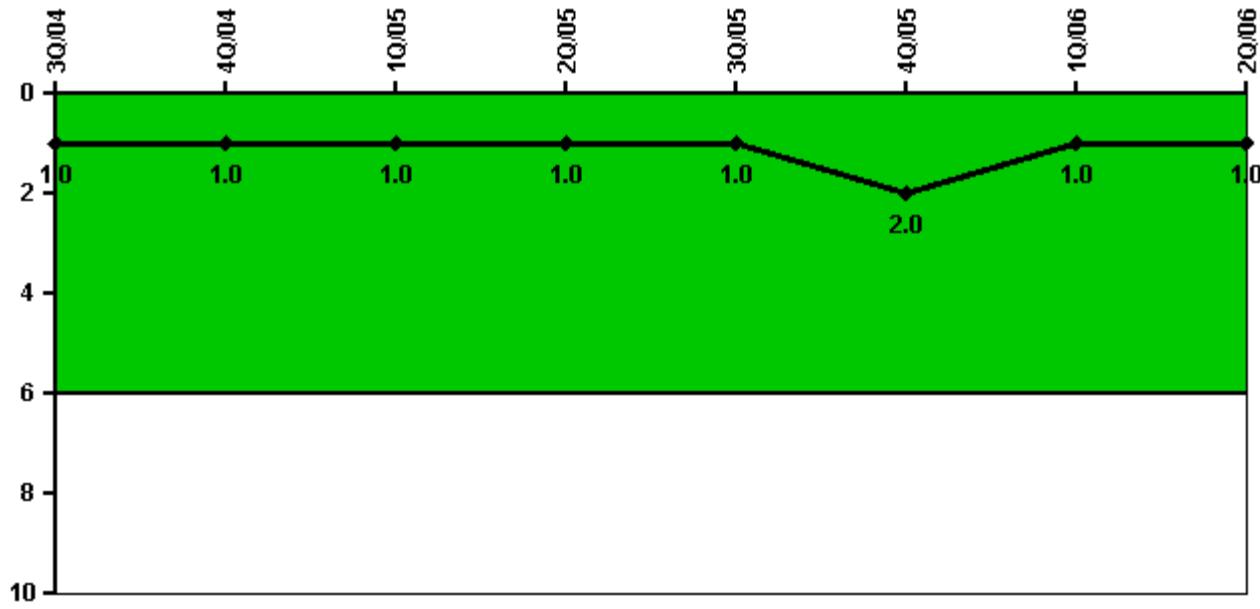
Thresholds: White > 6.0

#### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 3Q/04      | 4Q/04    | 1Q/05    | 2Q/05    | 3Q/05    | 4Q/05    | 1Q/06    | 2Q/06    |
|---|------------|----------|----------|----------|----------|----------|----------|----------|
| Unplanned power changes                       | 0          | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Critical hours                                | 2208.0     | 2209.0   | 2160.0   | 2183.0   | 2208.0   | 2209.0   | 1549.1   | 2183.0   |
| Indicator value                               | <b>0.9</b> | <b>0</b> |

Licensee Comments: none

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**Safety System Functional Failures (BWR)**

Thresholds: White > 6.0

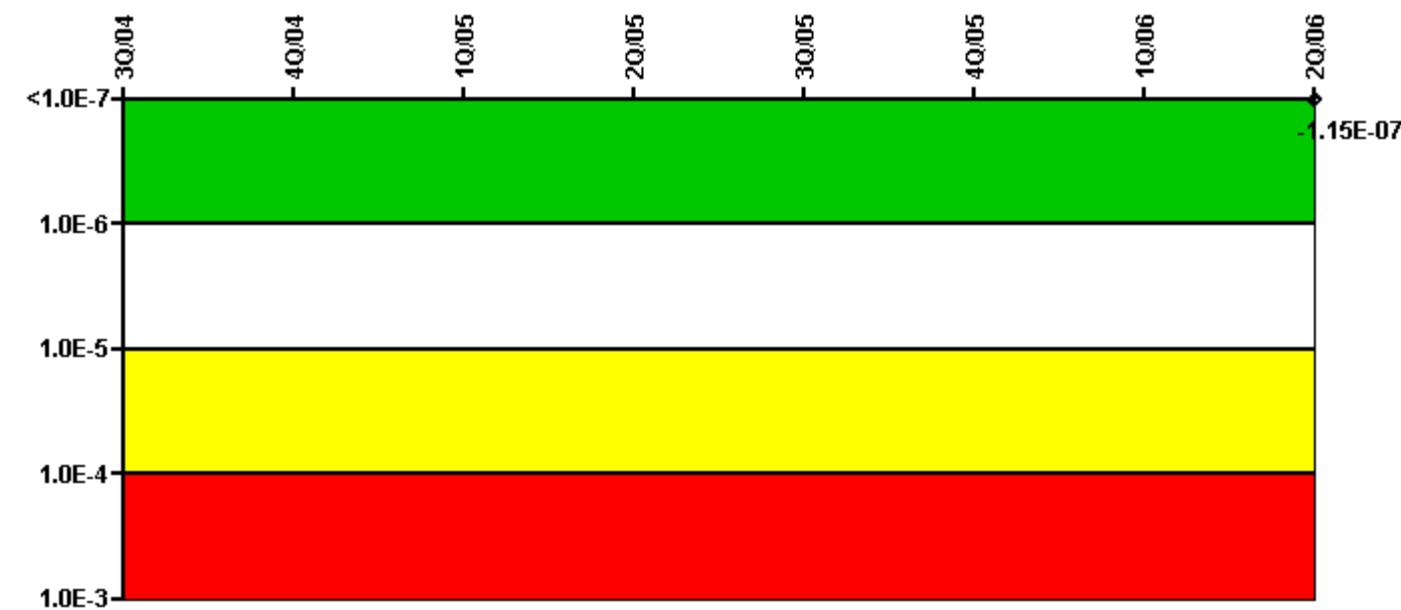
**Notes**

| Safety System Functional Failures (BWR) | 3Q/04    | 4Q/04    | 1Q/05    | 2Q/05    | 3Q/05    | 4Q/05    | 1Q/06    | 2Q/06    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Safety System Functional Failures       | 0        | 0        | 1        | 0        | 0        | 1        | 0        | 0        |
| Indicator value                         | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>2</b> | <b>1</b> | <b>1</b> |

Licensee Comments: none

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## Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

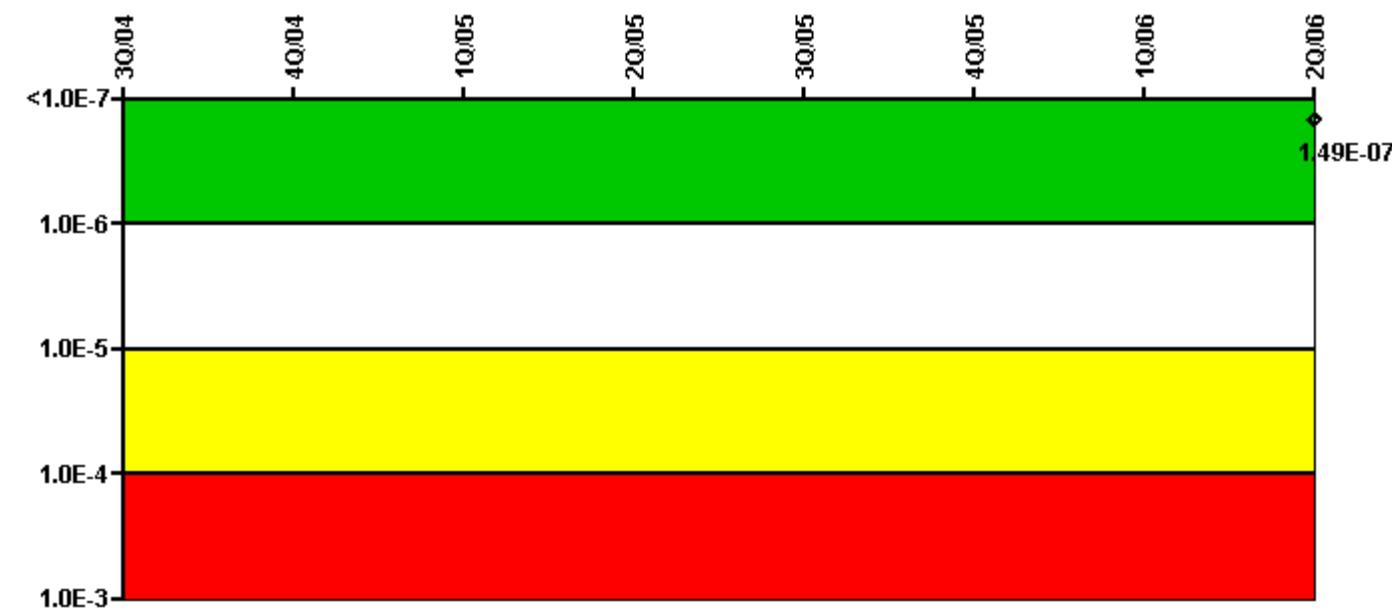
### Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06            |
|---|-------|-------|-------|-------|-------|-------|-------|------------------|
| UAI ( $\Delta$ CDF)   |       |       |       |       |       |       |       | -1.50E-08        |
| URI ( $\Delta$ CDF)   |       |       |       |       |       |       |       | -1.00E-07        |
| PLE   |       |       |       |       |       |       |       | NO               |
| <b>Indicator value</b>  |       |       |       |       |       |       |       | <b>-1.15E-07</b> |

Licensee Comments: none

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## Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

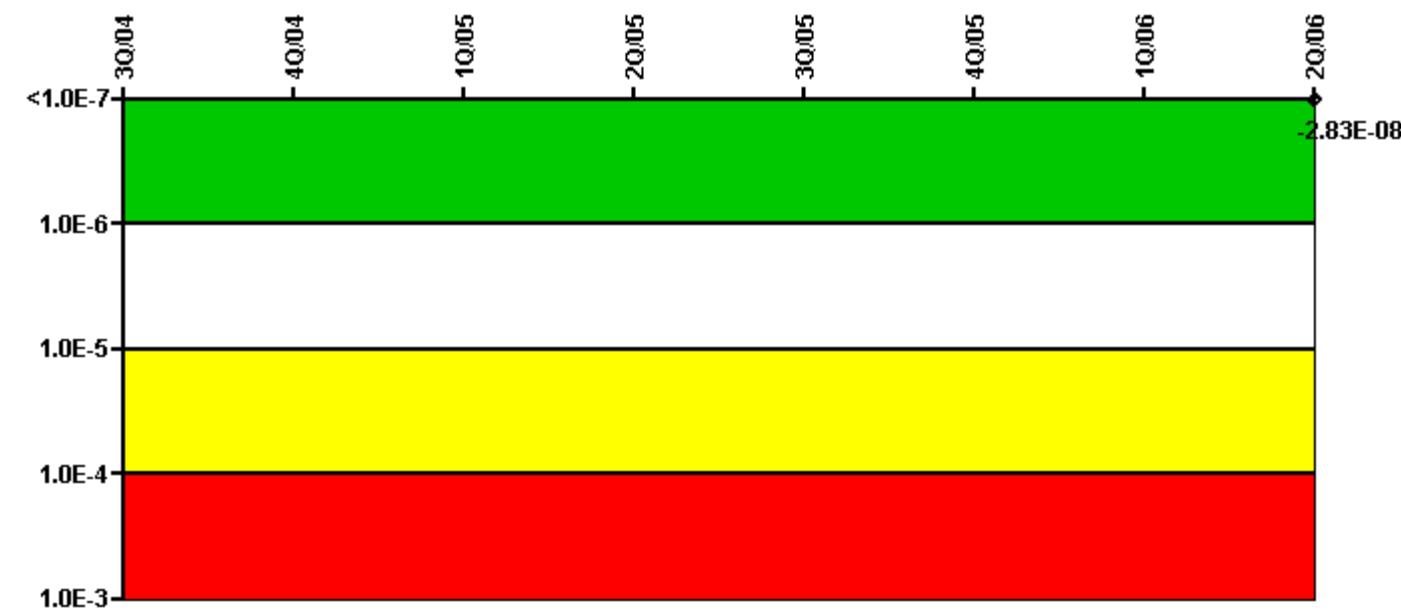
### Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06           |
|--|-------|-------|-------|-------|-------|-------|-------|-----------------|
| UAI ( $\Delta$ CDF)  |       |       |       |       |       |       |       | 1.00E-07        |
| URI ( $\Delta$ CDF)  |       |       |       |       |       |       |       | 4.90E-08        |
| PLE  |       |       |       |       |       |       |       | NO              |
| <b>Indicator value</b>   |       |       |       |       |       |       |       | <b>1.49E-07</b> |

Licensee Comments: none

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## Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

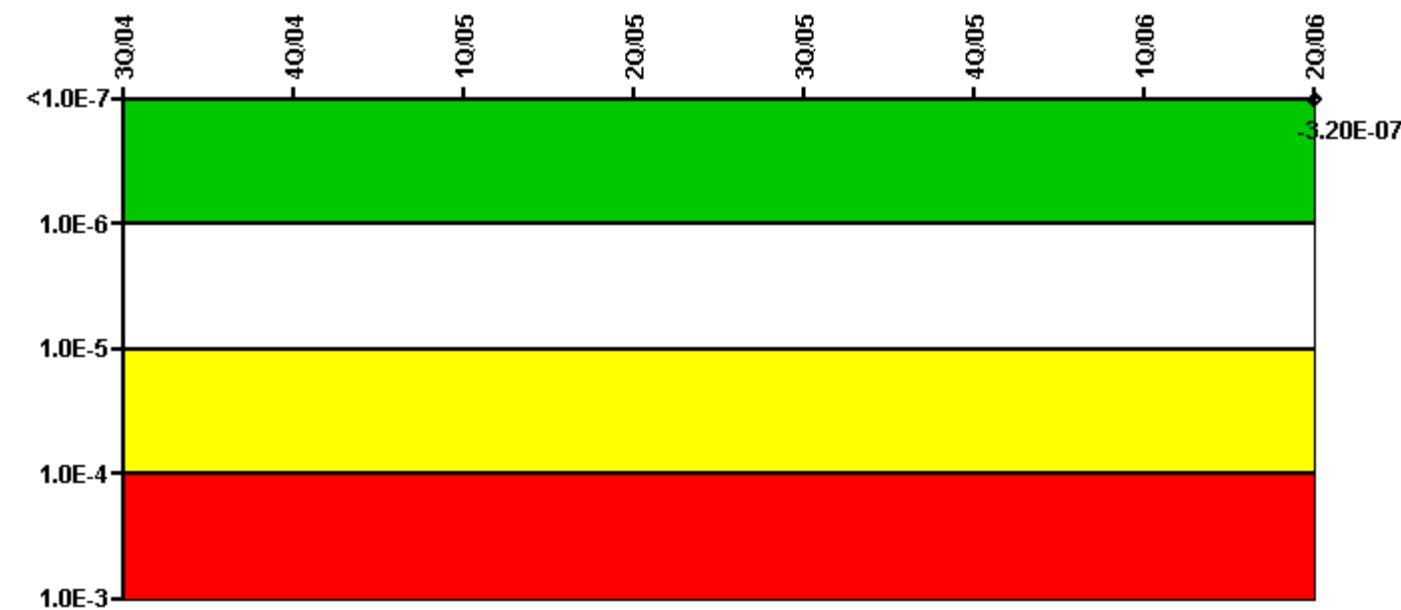
### Notes

| Mitigating Systems Performance Index, Heat Removal System | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06     |
|---|-------|-------|-------|-------|-------|-------|-------|-----------|
| UAI ( $\Delta$ CDF)                                       |       |       |       |       |       |       |       | -9.30E-09 |
| URI ( $\Delta$ CDF)                                       |       |       |       |       |       |       |       | -1.90E-08 |
| PLE   |       |       |       |       |       |       |       | NO        |
| Indicator value   |       |       |       |       |       |       |       | -2.83E-08 |

Licensee Comments: none

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## Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

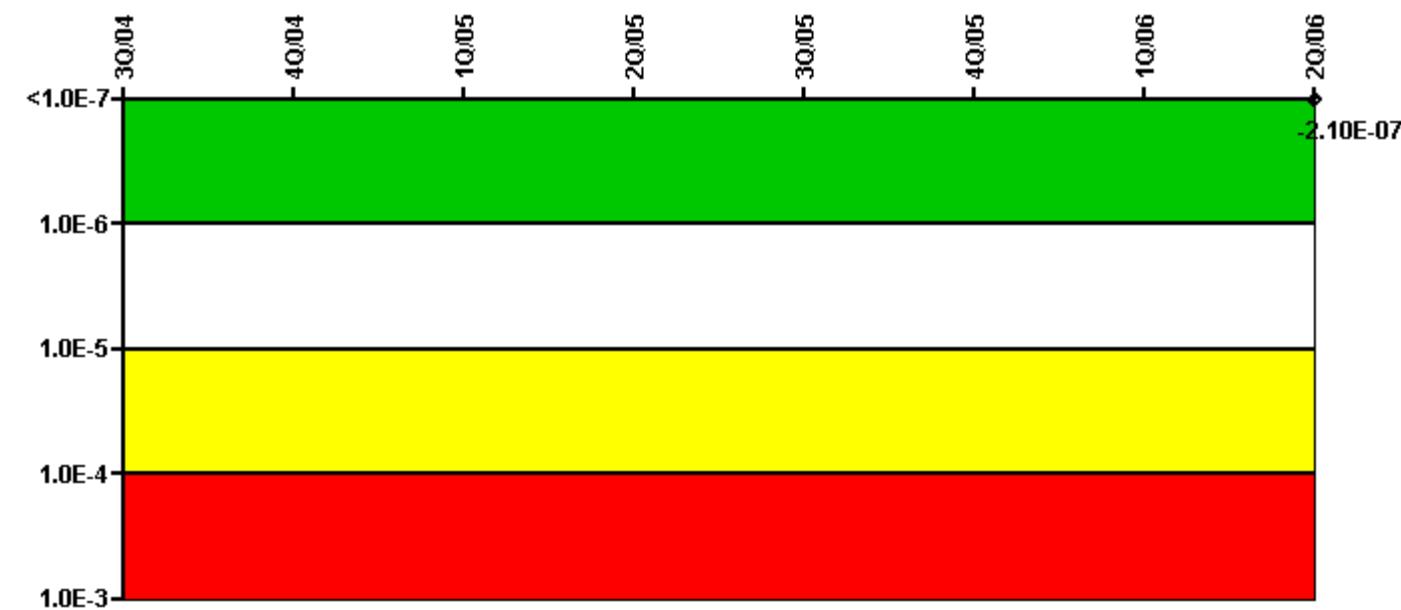
### Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06            |
|--|-------|-------|-------|-------|-------|-------|-------|------------------|
| UAI ( $\Delta$ CDF)  |       |       |       |       |       |       |       | -1.30E-07        |
| URI ( $\Delta$ CDF)  |       |       |       |       |       |       |       | -1.90E-07        |
| PLE  |       |       |       |       |       |       |       | NO               |
| <b>Indicator value</b>   |       |       |       |       |       |       |       | <b>-3.20E-07</b> |

Licensee Comments: none

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## Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

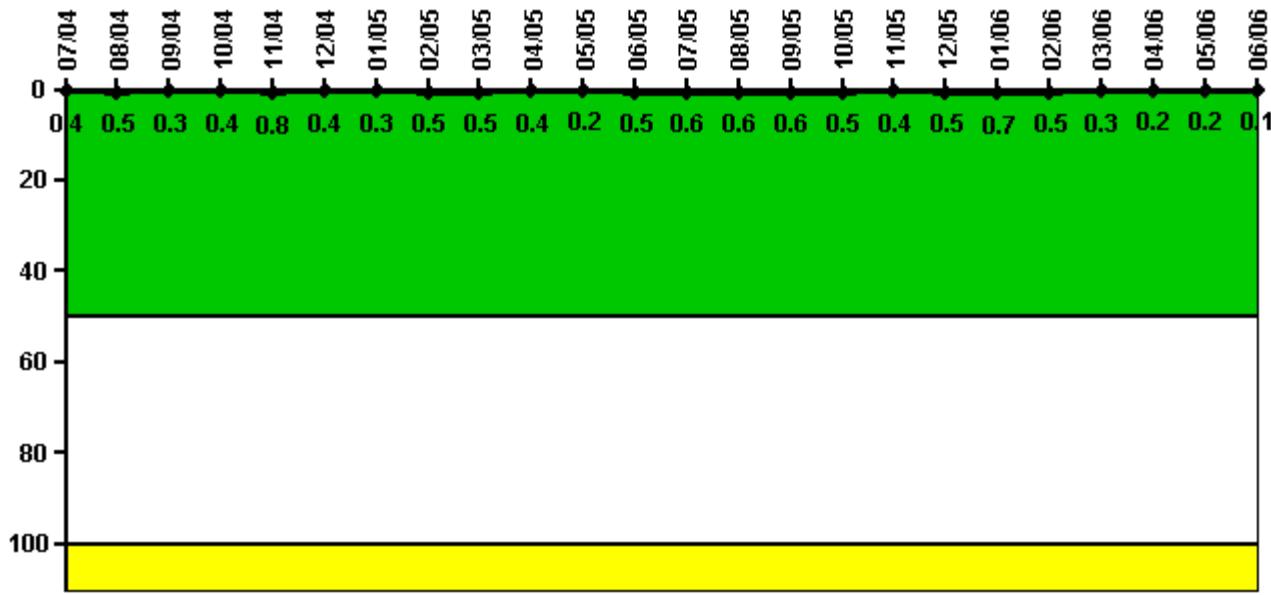
### Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06            |
|---|-------|-------|-------|-------|-------|-------|-------|------------------|
| UAI ( $\Delta$ CDF)   |       |       |       |       |       |       |       | 8.00E-08         |
| URI ( $\Delta$ CDF)   |       |       |       |       |       |       |       | -2.90E-07        |
| PLE   |       |       |       |       |       |       |       | NO               |
| <b>Indicator value</b>                                      |       |       |       |       |       |       |       | <b>-2.10E-07</b> |

Licensee Comments: none

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## Reactor Coolant System Activity



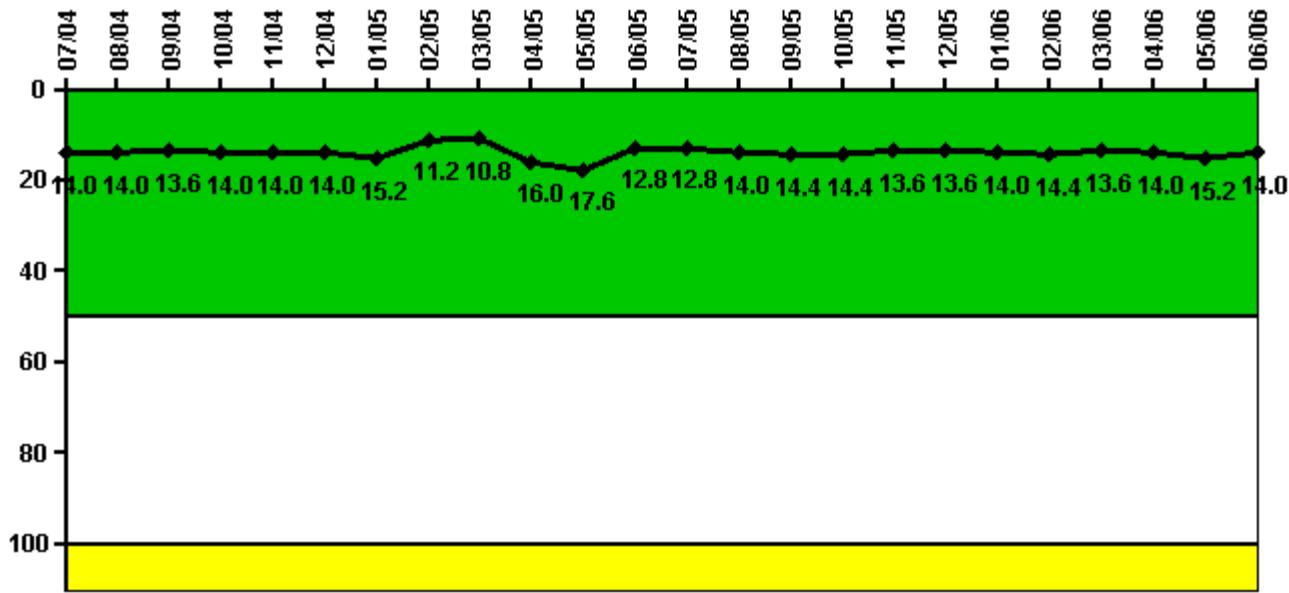
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Activity | 7/04       | 8/04       | 9/04       | 10/04      | 11/04      | 12/04      | 1/05       | 2/05       | 3/05       | 4/05       | 5/05       | 6/05       |
|---------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Maximum activity                | 0.000897   | 0.000918   | 0.000684   | 0.000767   | 0.001600   | 0.000727   | 0.000698   | 0.000909   | 0.000988   | 0.000878   | 0.000466   | 0.000958   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| <b>Indicator value</b>          | <b>0.4</b> | <b>0.5</b> | <b>0.3</b> | <b>0.4</b> | <b>0.8</b> | <b>0.4</b> | <b>0.3</b> | <b>0.5</b> | <b>0.5</b> | <b>0.4</b> | <b>0.2</b> | <b>0.5</b> |
| Reactor Coolant System Activity | 7/05       | 8/05       | 9/05       | 10/05      | 11/05      | 12/05      | 1/06       | 2/06       | 3/06       | 4/06       | 5/06       | 6/06       |
| Maximum activity                | 0.001180   | 0.001200   | 0.001230   | 0.000955   | 0.000789   | 0.001060   | 0.001370   | 0.000991   | 0.000511   | 0.000406   | 0.000301   | 0.000282   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| <b>Indicator value</b>          | <b>0.6</b> | <b>0.6</b> | <b>0.6</b> | <b>0.5</b> | <b>0.4</b> | <b>0.5</b> | <b>0.7</b> | <b>0.5</b> | <b>0.3</b> | <b>0.2</b> | <b>0.2</b> | <b>0.1</b> |

Licensee Comments: none

## Reactor Coolant System Leakage



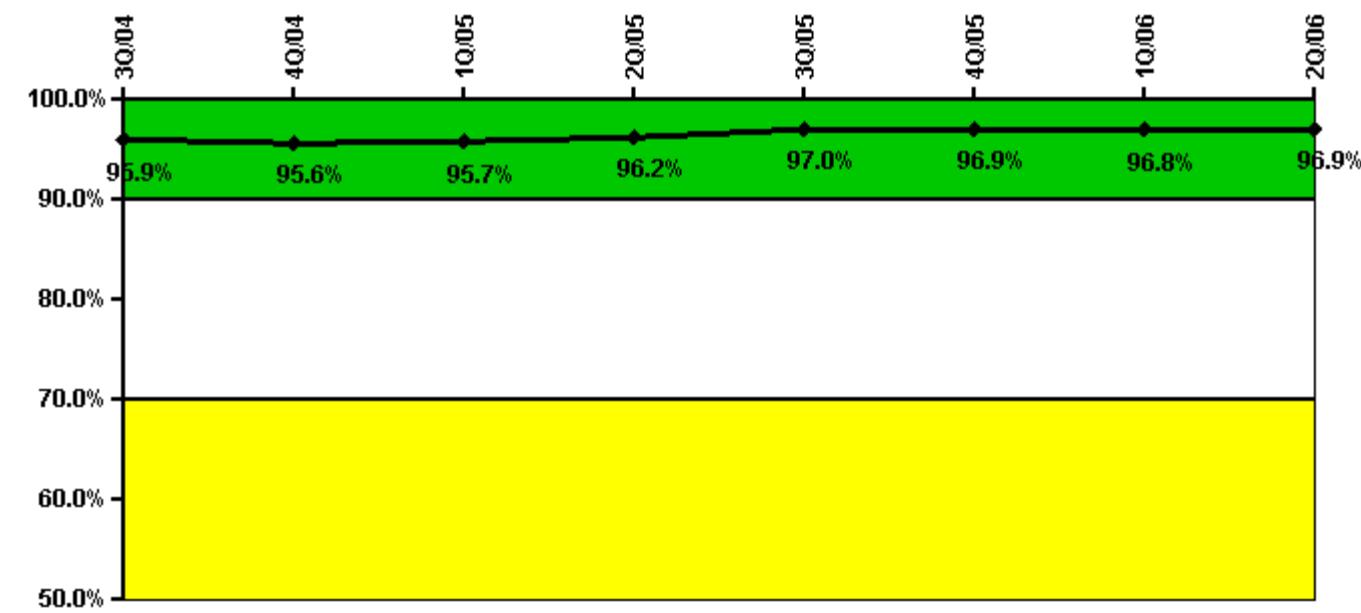
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Leakage | 7/04        | 8/04        | 9/04        | 10/04       | 11/04       | 12/04       | 1/05        | 2/05        | 3/05        | 4/05        | 5/05        | 6/05        |
|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Maximum leakage                | 3.500       | 3.500       | 3.400       | 3.500       | 3.500       | 3.500       | 3.800       | 2.800       | 2.700       | 4.000       | 4.400       | 3.200       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| <b>Indicator value</b>         | <b>14.0</b> | <b>14.0</b> | <b>13.6</b> | <b>14.0</b> | <b>14.0</b> | <b>14.0</b> | <b>15.2</b> | <b>11.2</b> | <b>10.8</b> | <b>16.0</b> | <b>17.6</b> | <b>12.8</b> |
| Reactor Coolant System Leakage | 7/05        | 8/05        | 9/05        | 10/05       | 11/05       | 12/05       | 1/06        | 2/06        | 3/06        | 4/06        | 5/06        | 6/06        |
| Maximum leakage                | 3.200       | 3.500       | 3.600       | 3.600       | 3.400       | 3.400       | 3.500       | 3.600       | 3.400       | 3.500       | 3.800       | 3.500       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| <b>Indicator value</b>         | <b>12.8</b> | <b>14.0</b> | <b>14.4</b> | <b>14.4</b> | <b>13.6</b> | <b>13.6</b> | <b>14.0</b> | <b>14.4</b> | <b>13.6</b> | <b>14.0</b> | <b>15.2</b> | <b>14.0</b> |

Licensee Comments: none

### Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

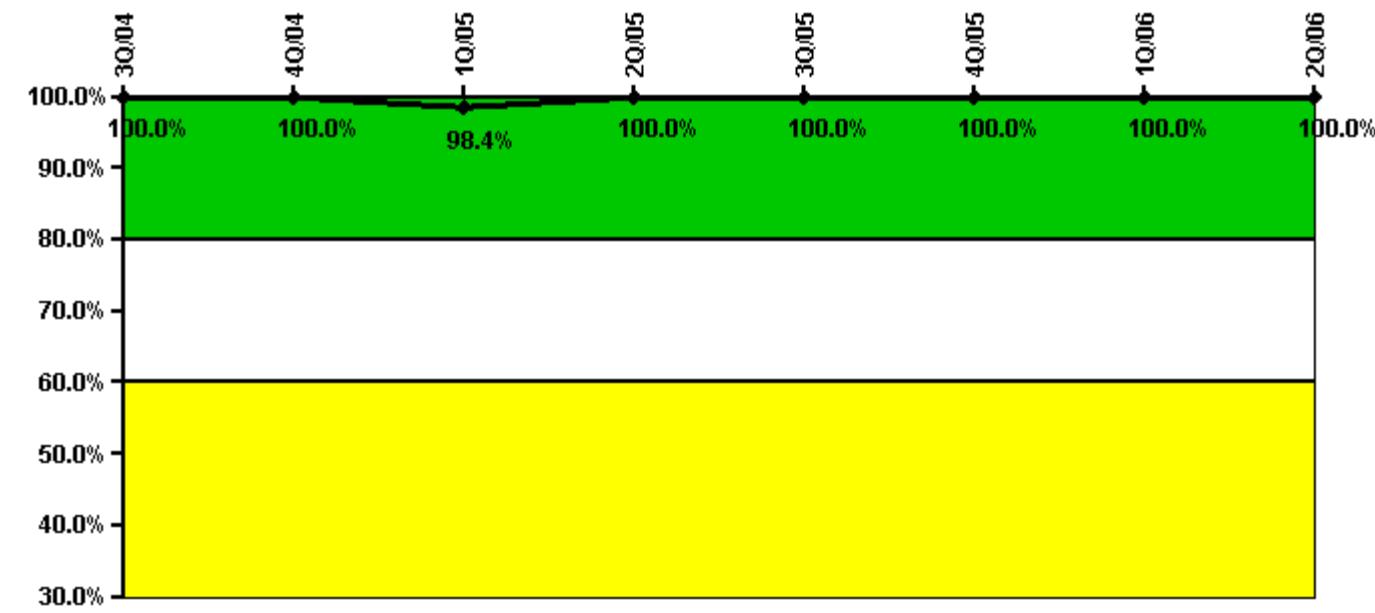
#### Notes

| Drill/Exercise Performance | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities   | 48.0  | 60.0  | 2.0   | 56.0  | 61.0  | 59.0  | 18.0  | 41.0  |
| Total opportunities        | 52.0  | 64.0  | 2.0   | 56.0  | 62.0  | 60.0  | 18.0  | 42.0  |
| Indicator value            | 95.9% | 95.6% | 95.7% | 96.2% | 97.0% | 96.9% | 96.8% | 96.9% |

Licensee Comments: none

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## ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

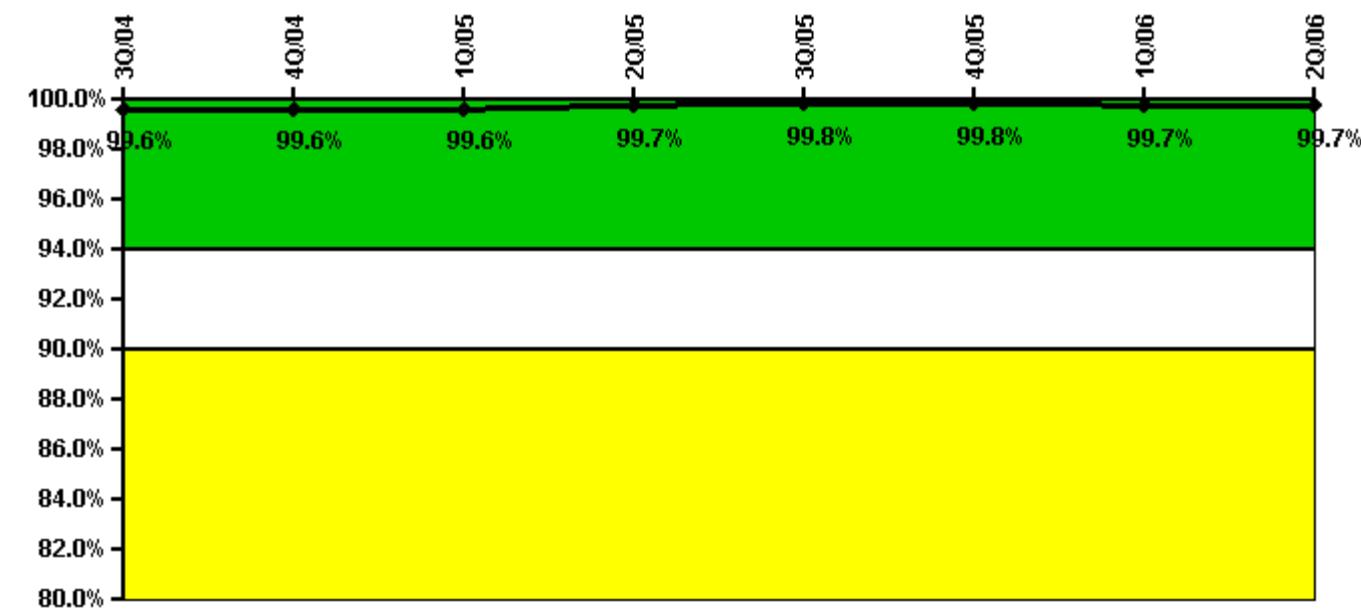
### Notes

| ERO Drill Participation     | 3Q/04         | 4Q/04         | 1Q/05        | 2Q/05         | 3Q/05         | 4Q/05         | 1Q/06         | 2Q/06         |
|-----------------------------|---------------|---------------|--------------|---------------|---------------|---------------|---------------|---------------|
| Participating Key personnel | 64.0          | 67.0          | 62.0         | 62.0          | 59.0          | 61.0          | 63.0          | 63.0          |
| Total Key personnel         | 64.0          | 67.0          | 63.0         | 62.0          | 59.0          | 61.0          | 63.0          | 63.0          |
| <b>Indicator value</b>      | <b>100.0%</b> | <b>100.0%</b> | <b>98.4%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> |

Licensee Comments: none

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## Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

### Notes

| Alert & Notification System | 3Q/04        | 4Q/04        | 1Q/05        | 2Q/05        | 3Q/05        | 4Q/05        | 1Q/06        | 2Q/06        |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests      | 3230         | 3245         | 3195         | 3195         | 3185         | 3196         | 3241         | 3191         |
| Total sirens-tests          | 3250         | 3250         | 3200         | 3200         | 3200         | 3200         | 3250         | 3200         |
| <b>Indicator value</b>      | <b>99.6%</b> | <b>99.6%</b> | <b>99.6%</b> | <b>99.7%</b> | <b>99.8%</b> | <b>99.8%</b> | <b>99.7%</b> | <b>99.7%</b> |

Licensee Comments: none

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**Occupational Exposure Control Effectiveness**

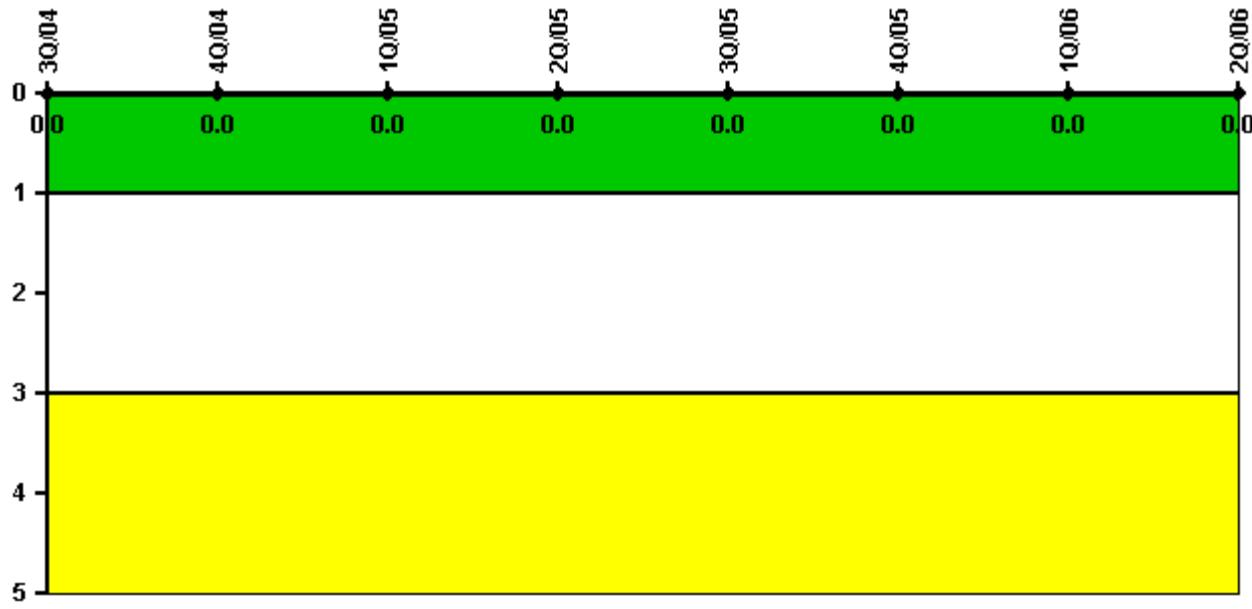
Thresholds: White > 2.0 Yellow > 5.0

**Notes**

| Occupational Exposure Control Effectiveness | 3Q/04    | 4Q/04    | 1Q/05    | 2Q/05    | 3Q/05    | 4Q/05    | 1Q/06    | 2Q/06    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>0</b> |

Licensee Comments: none

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**RETS/ODCM Radiological Effluent**

Thresholds: White > 1.0 Yellow > 3.0

**Notes**

| RETS/ODCM Radiological Effluent | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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[Physical Protection](#) information not publicly available.

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[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

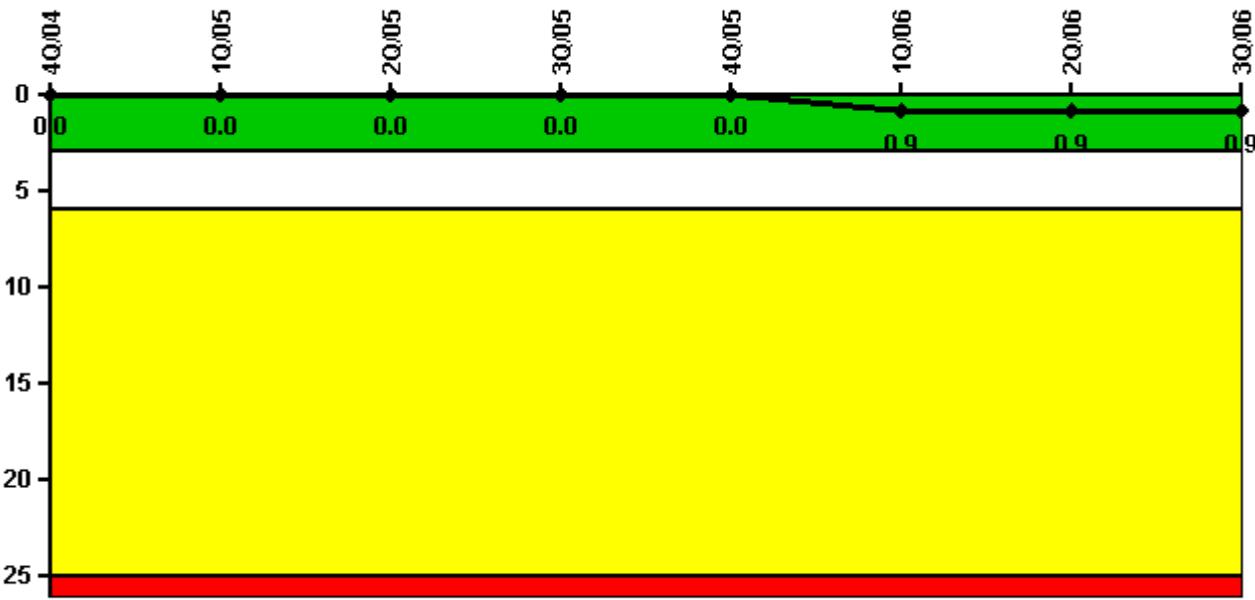
Last Modified: August 2, 2006

# La Salle 1

## 3Q/2006 Performance Indicators

Licensee's General Comments: none

### **Unplanned Scrams per 7000 Critical Hrs**



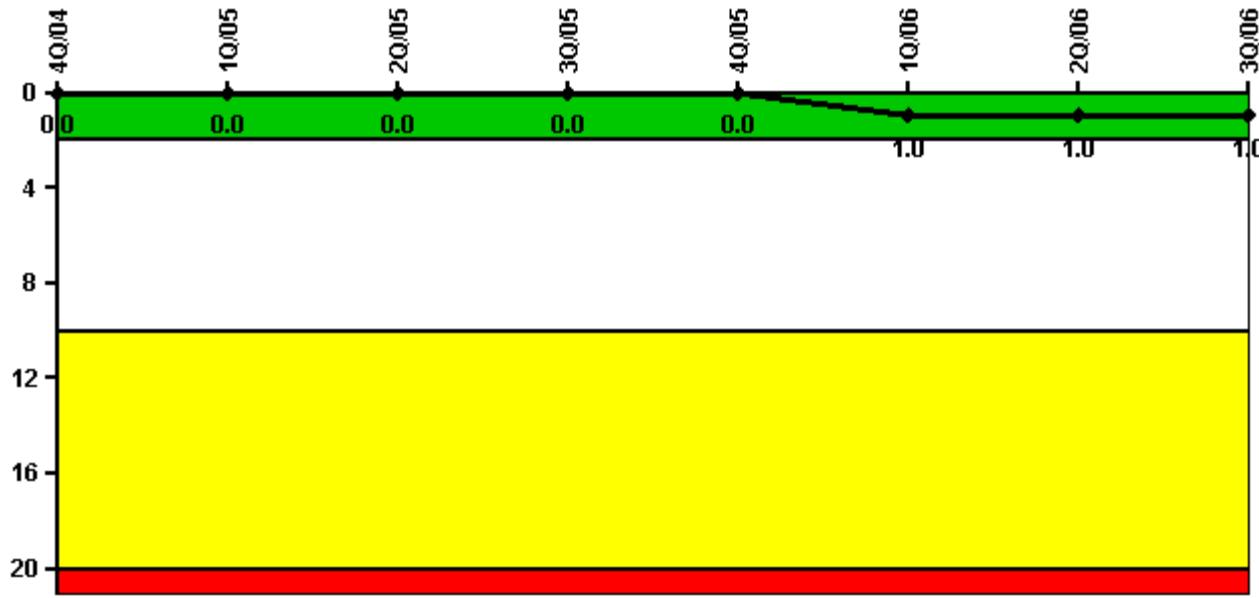
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

| Unplanned Scrams per 7000 Critical Hrs | 4Q/04    | 1Q/05    | 2Q/05    | 3Q/05    | 4Q/05    | 1Q/06      | 2Q/06      | 3Q/06      |
|--|----------|----------|----------|----------|----------|------------|------------|------------|
| Unplanned scrams                       | 0        | 0        | 0        | 0        | 0        | 1.0        | 0          | 0          |
| Critical hours                         | 2209.0   | 2160.0   | 2183.0   | 2208.0   | 2209.0   | 1549.1     | 2183.0     | 2208.0     |
| <b>Indicator value</b>                 | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0.9</b> | <b>0.9</b> | <b>0.9</b> |

Licensee Comments: none

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**Scrams with Loss of Normal Heat Removal**

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

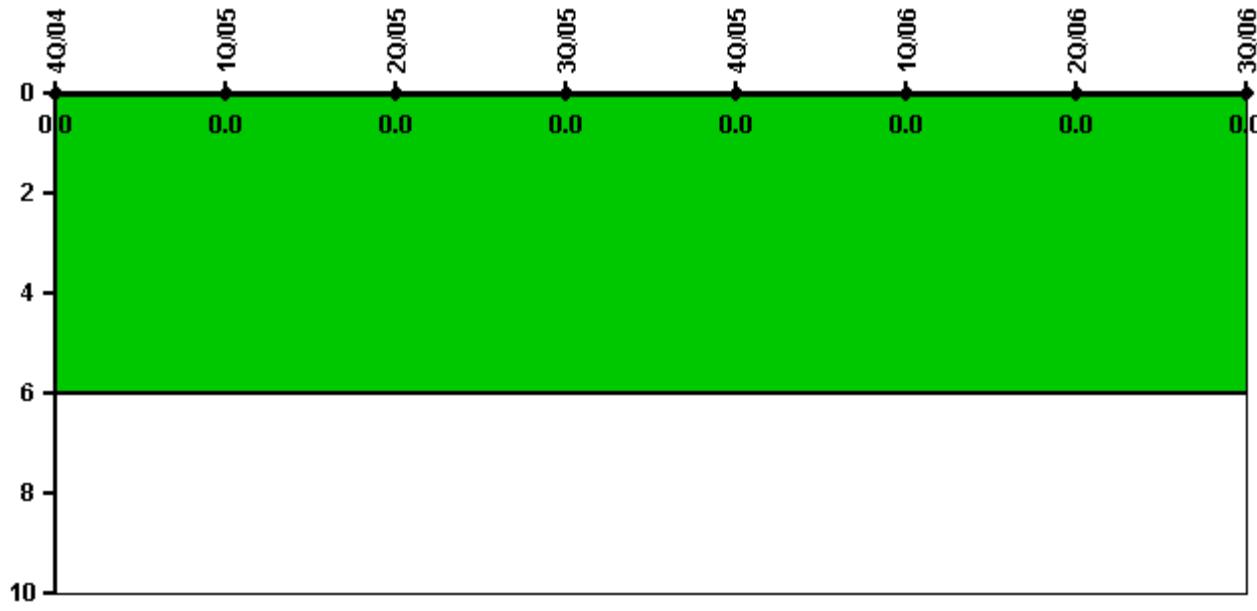
**Notes**

| Scrams with Loss of Normal Heat Removal | 4Q/04    | 1Q/05    | 2Q/05    | 3Q/05    | 4Q/05    | 1Q/06      | 2Q/06      | 3Q/06      |
|---|----------|----------|----------|----------|----------|------------|------------|------------|
| Scrams                                  | 0        | 0        | 0        | 0        | 0        | 1.0        | 0          | 0          |
| Indicator value                         | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>1.0</b> | <b>1.0</b> | <b>1.0</b> |

Licensee Comments: none

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### Unplanned Power Changes per 7000 Critical Hrs



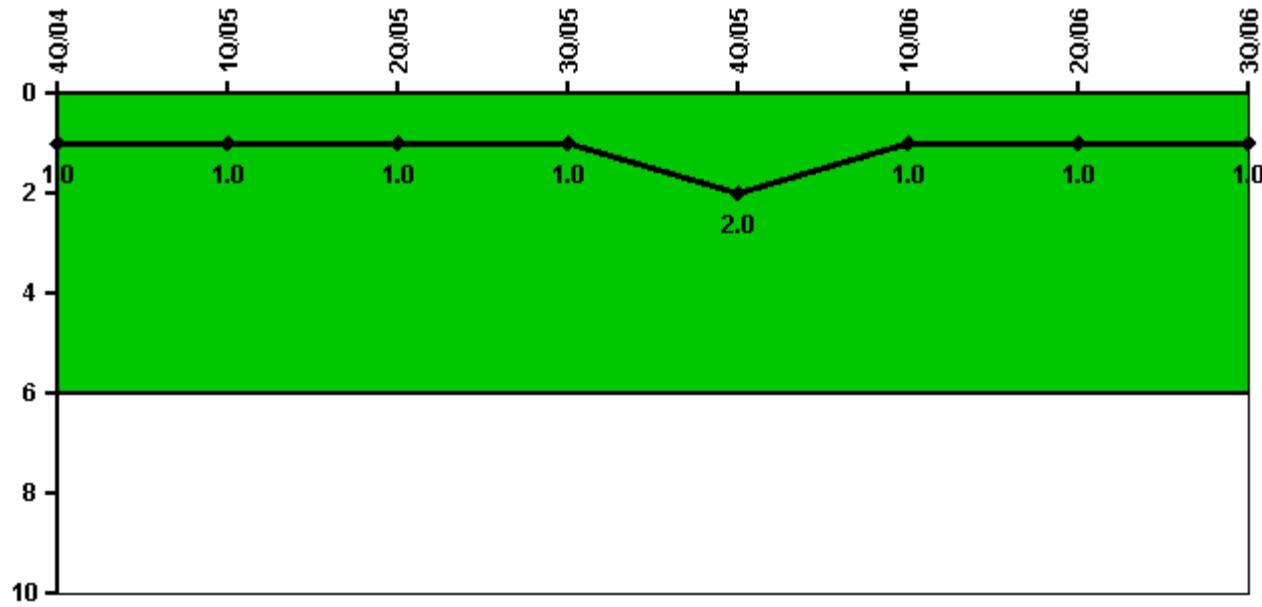
Thresholds: White > 6.0

#### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 4Q/04    | 1Q/05    | 2Q/05    | 3Q/05    | 4Q/05    | 1Q/06    | 2Q/06    | 3Q/06    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Unplanned power changes                       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Critical hours                                | 2209.0   | 2160.0   | 2183.0   | 2208.0   | 2209.0   | 1549.1   | 2183.0   | 2208.0   |
| Indicator value                               | <b>0</b> |

Licensee Comments: none

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**Safety System Functional Failures (BWR)**

Thresholds: White > 6.0

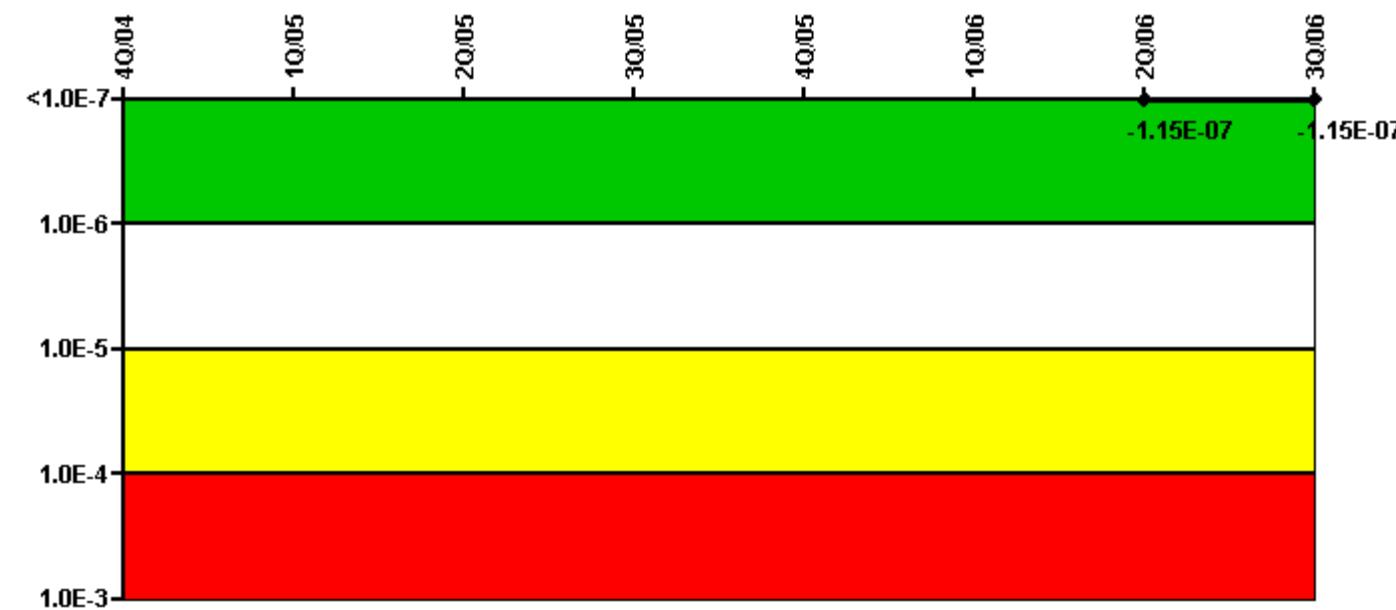
**Notes**

| Safety System Functional Failures (BWR) | 4Q/04    | 1Q/05    | 2Q/05    | 3Q/05    | 4Q/05    | 1Q/06    | 2Q/06    | 3Q/06    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Safety System Functional Failures       | 0        | 1        | 0        | 0        | 1        | 0        | 0        | 0        |
| Indicator value                         | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>2</b> | <b>1</b> | <b>1</b> | <b>1</b> |

Licensee Comments: none

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## Mitigating Systems Performance Index, Emergency AC Power System



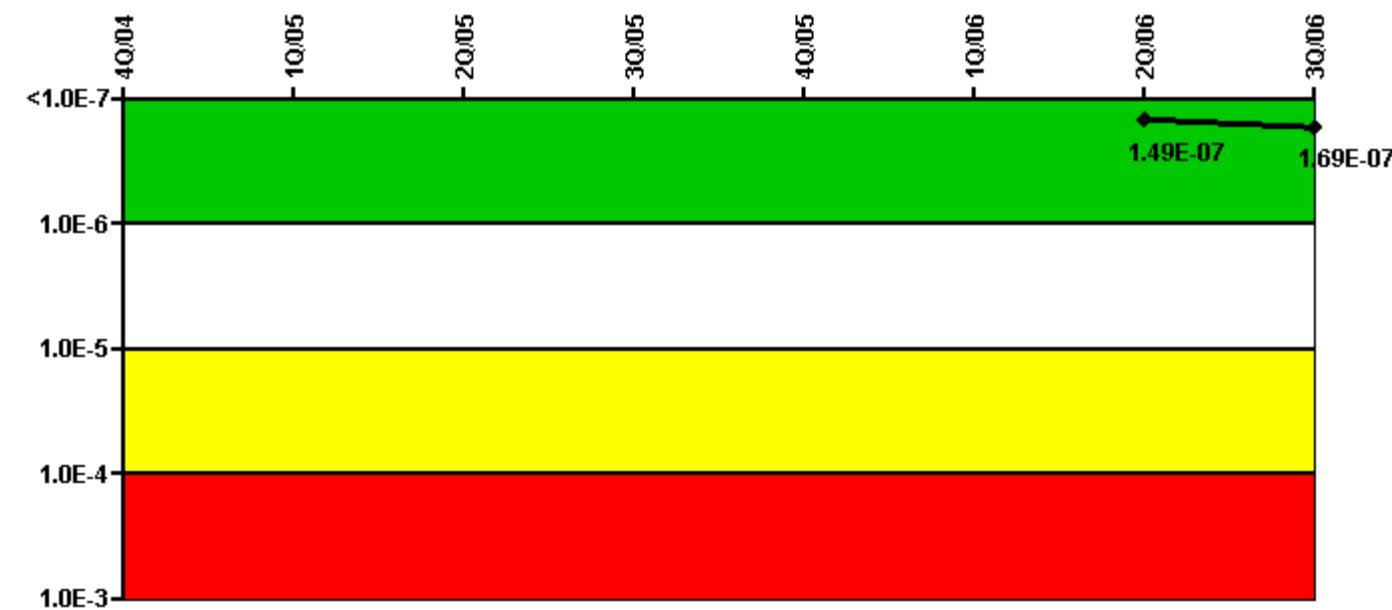
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06            | 3Q/06            |
|---|-------|-------|-------|-------|-------|-------|------------------|------------------|
| UAI ( $\Delta$ CDF)   |       |       |       |       |       |       | -1.50E-08        | -1.50E-08        |
| URI ( $\Delta$ CDF)   |       |       |       |       |       |       | -1.00E-07        | -1.00E-07        |
| PLE   |       |       |       |       |       |       | NO               | NO               |
| <b>Indicator value</b>  |       |       |       |       |       |       | <b>-1.15E-07</b> | <b>-1.15E-07</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, High Pressure Injection System



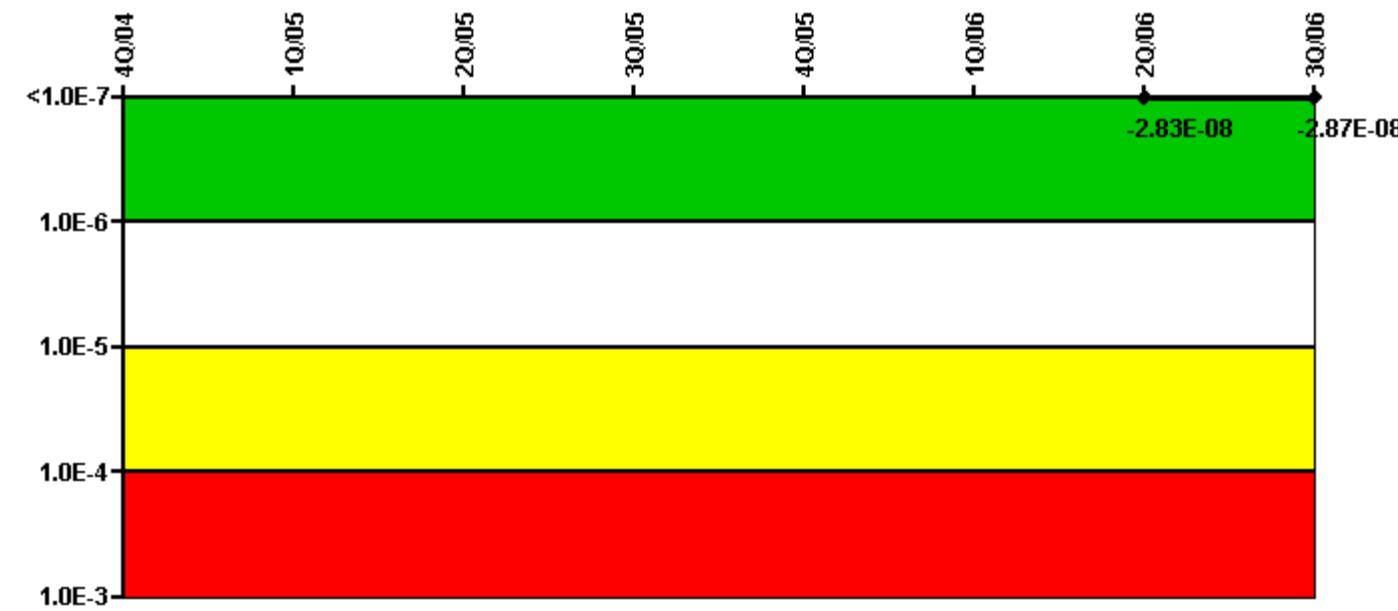
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06           | 3Q/06           |
|--|-------|-------|-------|-------|-------|-------|-----------------|-----------------|
| UAI ( $\Delta$ CDF)  |       |       |       |       |       |       | 1.00E-07        | 1.20E-07        |
| URI ( $\Delta$ CDF)  |       |       |       |       |       |       | 4.90E-08        | 4.90E-08        |
| PLE  |       |       |       |       |       |       | NO              | NO              |
| <b>Indicator value</b>   |       |       |       |       |       |       | <b>1.49E-07</b> | <b>1.69E-07</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, Heat Removal System



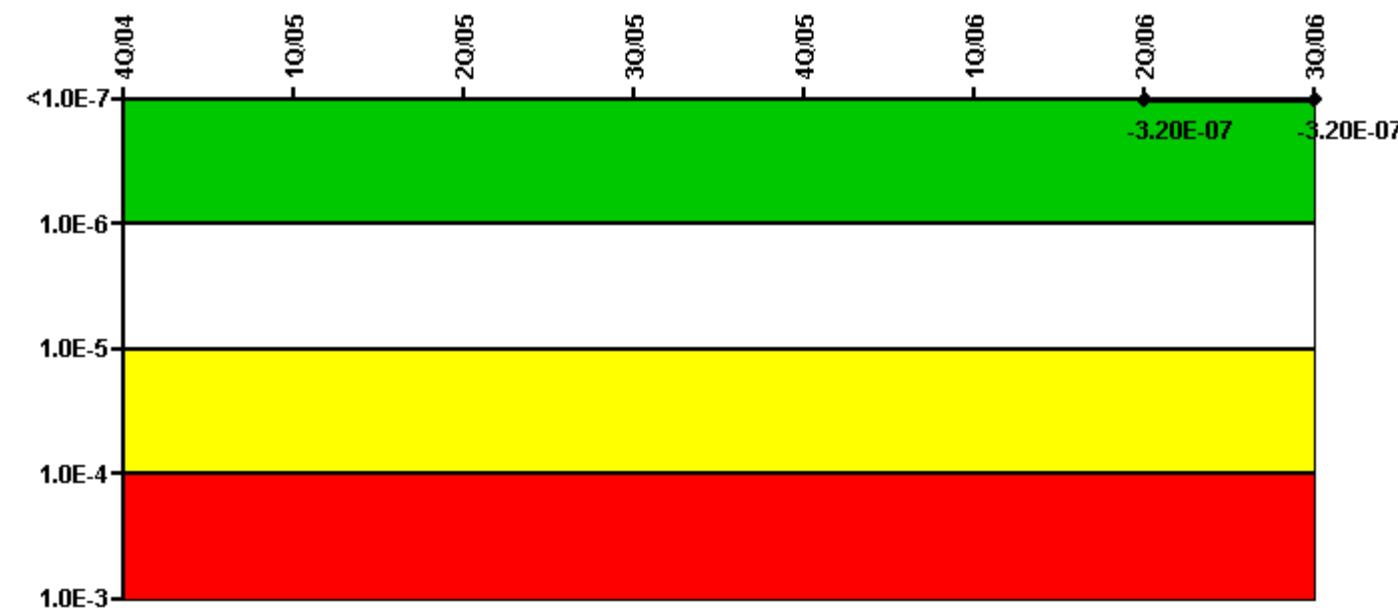
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Heat Removal System | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06            | 3Q/06            |
|---|-------|-------|-------|-------|-------|-------|------------------|------------------|
| UAI (ΔCDF)  |       |       |       |       |       |       | -9.30E-09        | -9.70E-09        |
| URI (ΔCDF)  |       |       |       |       |       |       | -1.90E-08        | -1.90E-08        |
| PLE   |       |       |       |       |       |       | NO               | NO               |
| <b>Indicator value</b>                                    |       |       |       |       |       |       | <b>-2.83E-08</b> | <b>-2.87E-08</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, Residual Heat Removal System



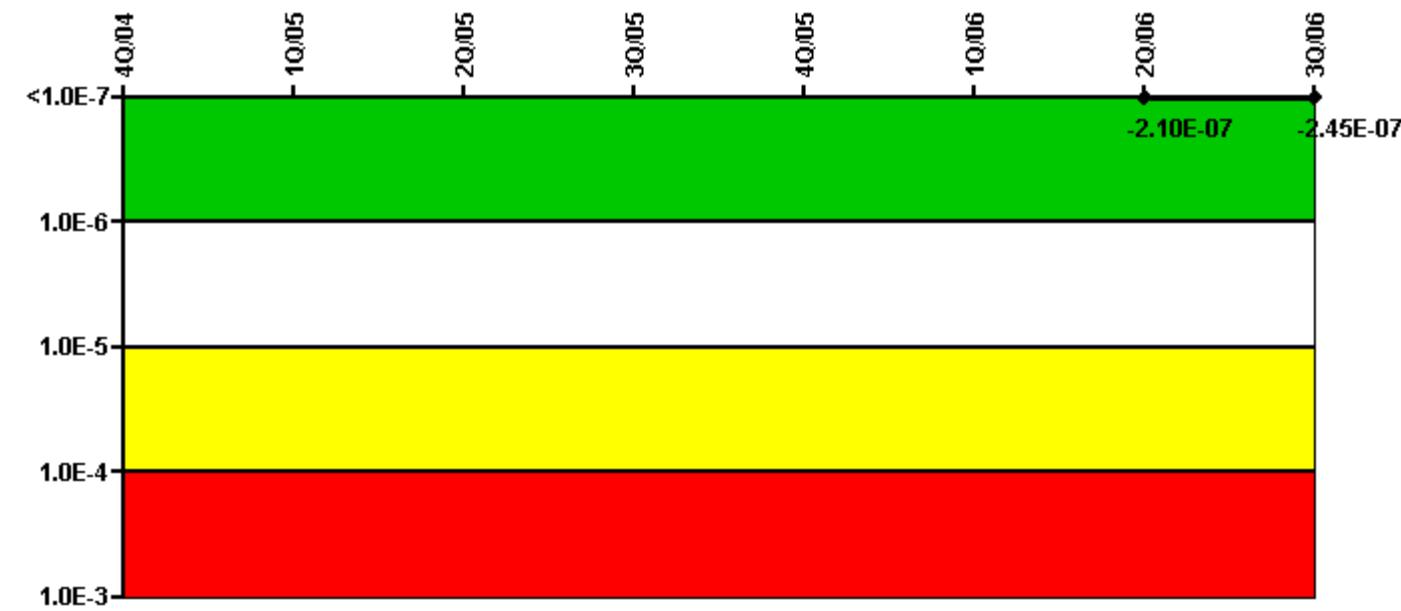
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06     | 3Q/06     |
|--|-------|-------|-------|-------|-------|-------|-----------|-----------|
| UAI ( $\Delta$ CDF)  |       |       |       |       |       |       | -1.30E-07 | -1.30E-07 |
| URI ( $\Delta$ CDF)  |       |       |       |       |       |       | -1.90E-07 | -1.90E-07 |
| PLE  |       |       |       |       |       |       | NO        | NO        |
| Indicator value  |       |       |       |       |       |       | -3.20E-07 | -3.20E-07 |

Licensee Comments: none

## Mitigating Systems Performance Index, Cooling Water Systems



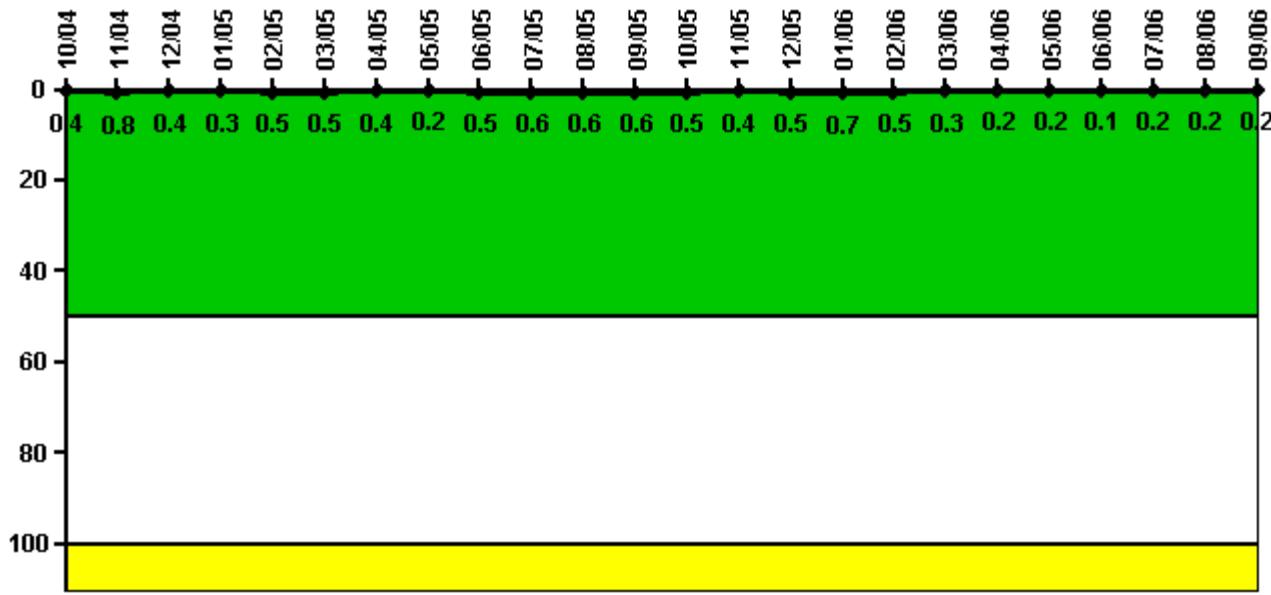
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06            | 3Q/06            |
|---|-------|-------|-------|-------|-------|-------|------------------|------------------|
| UAI (ΔCDF)  |       |       |       |       |       |       | 8.00E-08         | 4.50E-08         |
| URI (ΔCDF)  |       |       |       |       |       |       | -2.90E-07        | -2.90E-07        |
| PLE   |       |       |       |       |       |       | NO               | NO               |
| Indicator value   |       |       |       |       |       |       | <b>-2.10E-07</b> | <b>-2.45E-07</b> |

Licensee Comments: none

## Reactor Coolant System Activity



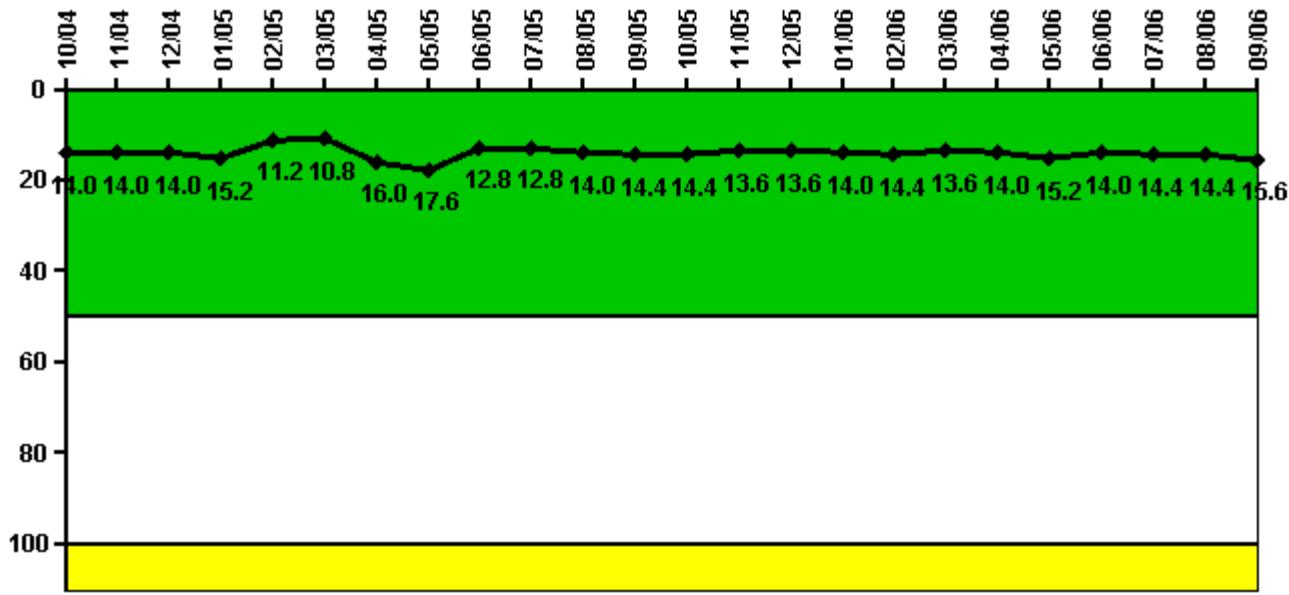
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Activity | 10/04      | 11/04      | 12/04      | 1/05       | 2/05       | 3/05       | 4/05       | 5/05       | 6/05       | 7/05       | 8/05       | 9/05       |
|---------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Maximum activity                | 0.000767   | 0.001600   | 0.000727   | 0.000698   | 0.000909   | 0.000988   | 0.000878   | 0.000466   | 0.000958   | 0.001180   | 0.001200   | 0.001230   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| <b>Indicator value</b>          | <b>0.4</b> | <b>0.8</b> | <b>0.4</b> | <b>0.3</b> | <b>0.5</b> | <b>0.5</b> | <b>0.4</b> | <b>0.2</b> | <b>0.5</b> | <b>0.6</b> | <b>0.6</b> | <b>0.6</b> |
| Reactor Coolant System Activity | 10/05      | 11/05      | 12/05      | 1/06       | 2/06       | 3/06       | 4/06       | 5/06       | 6/06       | 7/06       | 8/06       | 9/06       |
| Maximum activity                | 0.000955   | 0.000789   | 0.001060   | 0.001370   | 0.000991   | 0.000511   | 0.000406   | 0.000301   | 0.000282   | 0.000362   | 0.000345   | 0.000343   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| <b>Indicator value</b>          | <b>0.5</b> | <b>0.4</b> | <b>0.5</b> | <b>0.7</b> | <b>0.5</b> | <b>0.3</b> | <b>0.2</b> | <b>0.2</b> | <b>0.1</b> | <b>0.2</b> | <b>0.2</b> | <b>0.2</b> |

Licensee Comments: none

## Reactor Coolant System Leakage



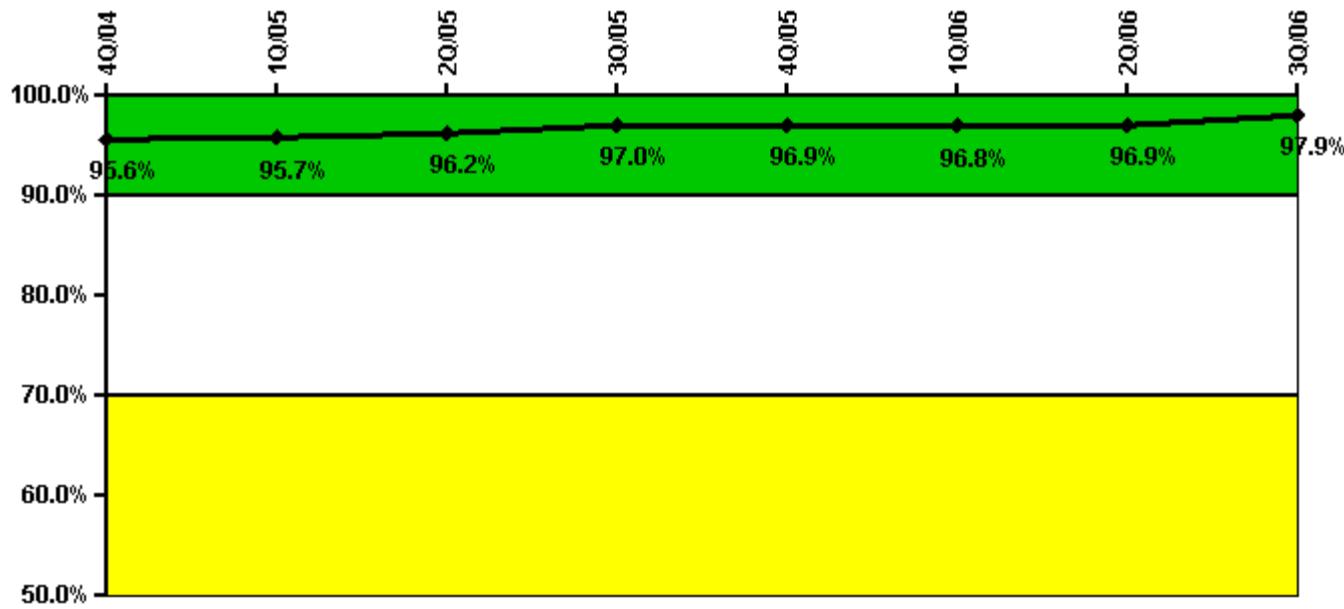
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Leakage | 10/04       | 11/04       | 12/04       | 1/05        | 2/05        | 3/05        | 4/05        | 5/05        | 6/05        | 7/05        | 8/05        | 9/05        |
|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Maximum leakage                | 3.500       | 3.500       | 3.500       | 3.800       | 2.800       | 2.700       | 4.000       | 4.400       | 3.200       | 3.200       | 3.500       | 3.600       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| <b>Indicator value</b>         | <b>14.0</b> | <b>14.0</b> | <b>14.0</b> | <b>15.2</b> | <b>11.2</b> | <b>10.8</b> | <b>16.0</b> | <b>17.6</b> | <b>12.8</b> | <b>12.8</b> | <b>14.0</b> | <b>14.4</b> |
| Reactor Coolant System Leakage | 10/05       | 11/05       | 12/05       | 1/06        | 2/06        | 3/06        | 4/06        | 5/06        | 6/06        | 7/06        | 8/06        | 9/06        |
| Maximum leakage                | 3.600       | 3.400       | 3.400       | 3.500       | 3.600       | 3.400       | 3.500       | 3.800       | 3.500       | 3.600       | 3.600       | 3.900       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| <b>Indicator value</b>         | <b>14.4</b> | <b>13.6</b> | <b>13.6</b> | <b>14.0</b> | <b>14.4</b> | <b>13.6</b> | <b>14.0</b> | <b>15.2</b> | <b>14.0</b> | <b>14.4</b> | <b>14.4</b> | <b>15.6</b> |

Licensee Comments: none

### Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

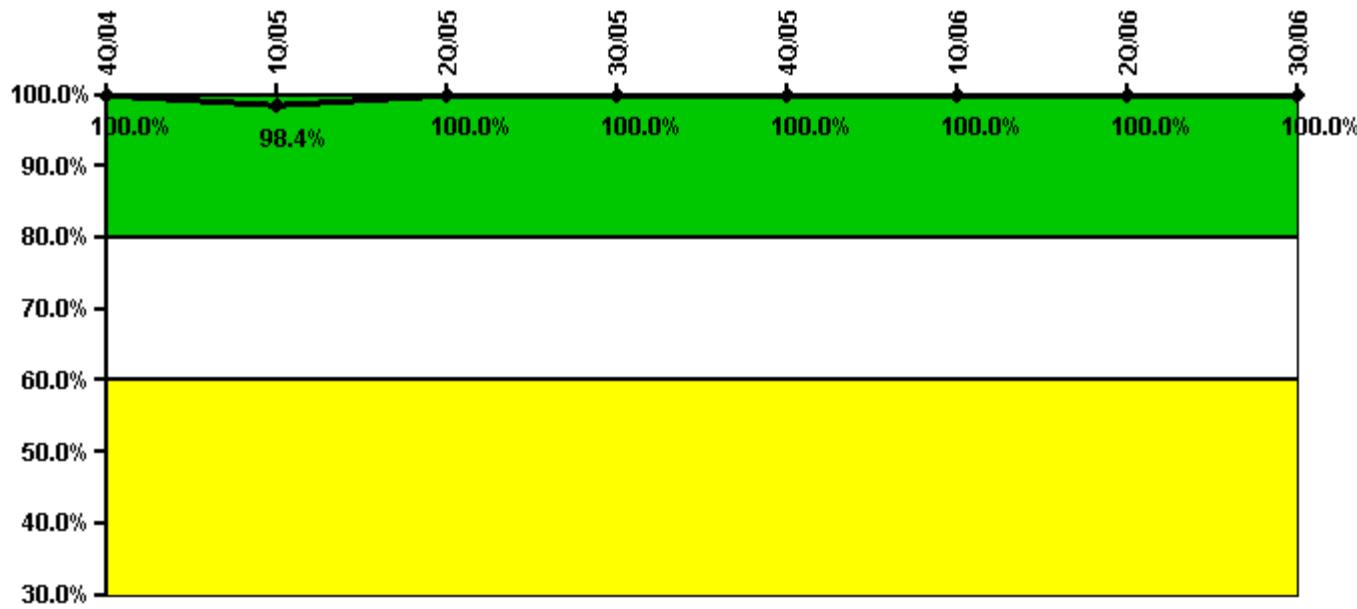
#### Notes

| Drill/Exercise Performance | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities   | 60.0  | 2.0   | 56.0  | 61.0  | 59.0  | 18.0  | 41.0  | 30.0  |
| Total opportunities        | 64.0  | 2.0   | 56.0  | 62.0  | 60.0  | 18.0  | 42.0  | 30.0  |
| Indicator value            | 95.6% | 95.7% | 96.2% | 97.0% | 96.9% | 96.8% | 96.9% | 97.9% |

Licensee Comments: none

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## ERO Drill Participation



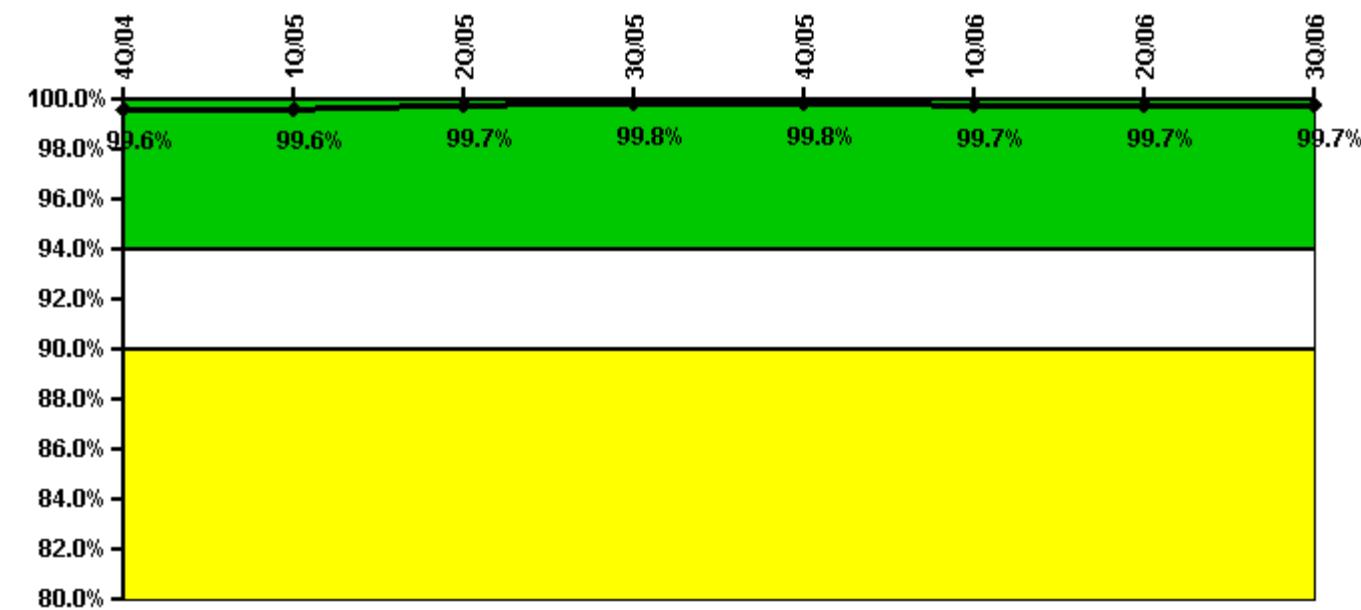
Thresholds: White < 80.0% Yellow < 60.0%

### Notes

| ERO Drill Participation     | 4Q/04  | 1Q/05 | 2Q/05  | 3Q/05  | 4Q/05  | 1Q/06  | 2Q/06  | 3Q/06  |
|-----------------------------|--------|-------|--------|--------|--------|--------|--------|--------|
| Participating Key personnel | 67.0   | 62.0  | 62.0   | 59.0   | 61.0   | 63.0   | 63.0   | 60.0   |
| Total Key personnel         | 67.0   | 63.0  | 62.0   | 59.0   | 61.0   | 63.0   | 63.0   | 60.0   |
| Indicator value             | 100.0% | 98.4% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

## Alert & Notification System

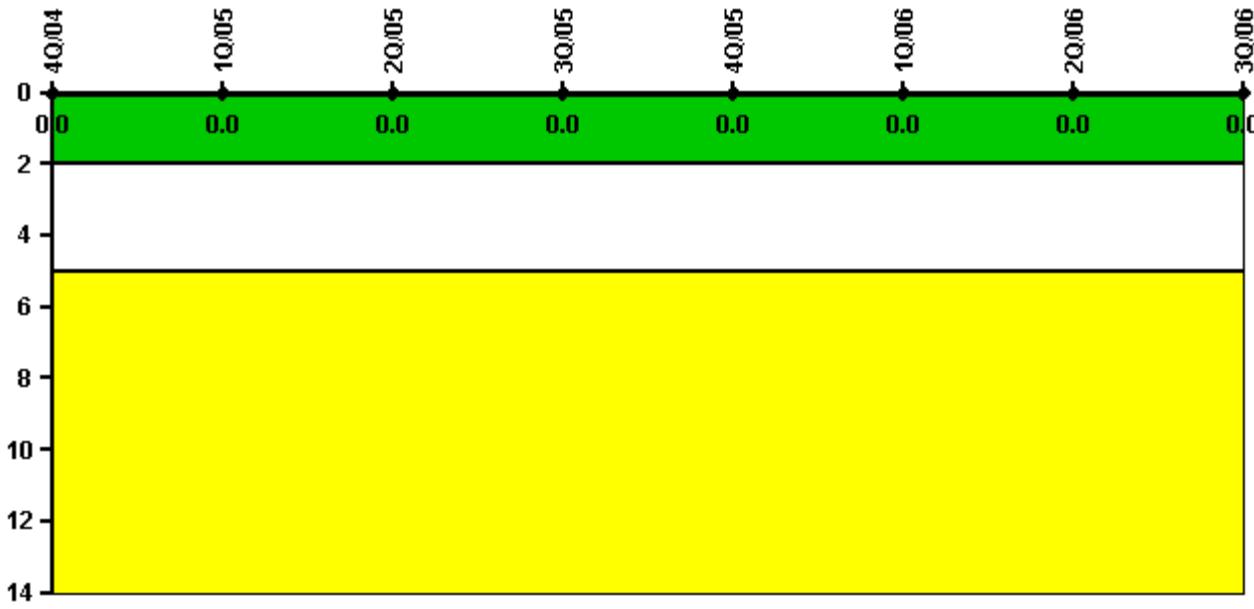


### Notes

| Alert & Notification System | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests      | 3245  | 3195  | 3195  | 3185  | 3196  | 3241  | 3191  | 3189  |
| Total sirens-tests          | 3250  | 3200  | 3200  | 3200  | 3200  | 3250  | 3200  | 3200  |
| Indicator value             | 99.6% | 99.6% | 99.7% | 99.8% | 99.8% | 99.7% | 99.7% | 99.7% |

Licensee Comments: none

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**Occupational Exposure Control Effectiveness**

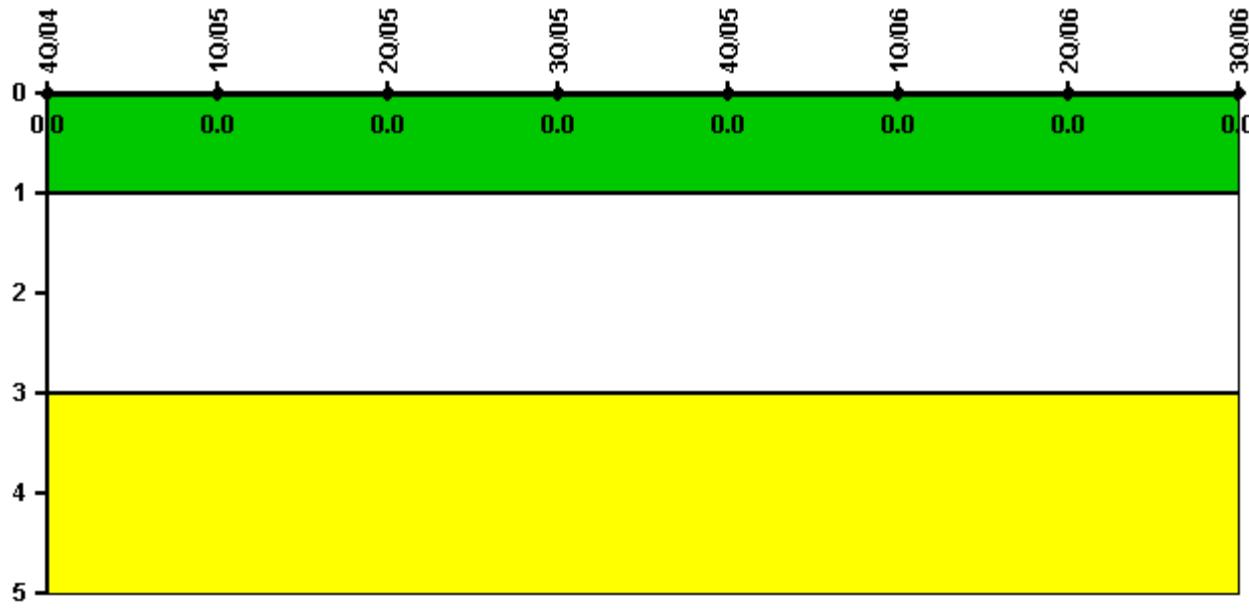
Thresholds: White > 2.0 Yellow > 5.0

**Notes**

| Occupational Exposure Control Effectiveness | 4Q/04    | 1Q/05    | 2Q/05    | 3Q/05    | 4Q/05    | 1Q/06    | 2Q/06    | 3Q/06    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>0</b> |

Licensee Comments: none

## RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

### Notes

| RETS/ODCM Radiological Effluent | 4Q/04    | 1Q/05    | 2Q/05    | 3Q/05    | 4Q/05    | 1Q/06    | 2Q/06    | 3Q/06    |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| RETS/ODCM occurrences           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Indicator value                 | <b>0</b> |

Licensee Comments: none

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[Physical Protection](#) information not publicly available.

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[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

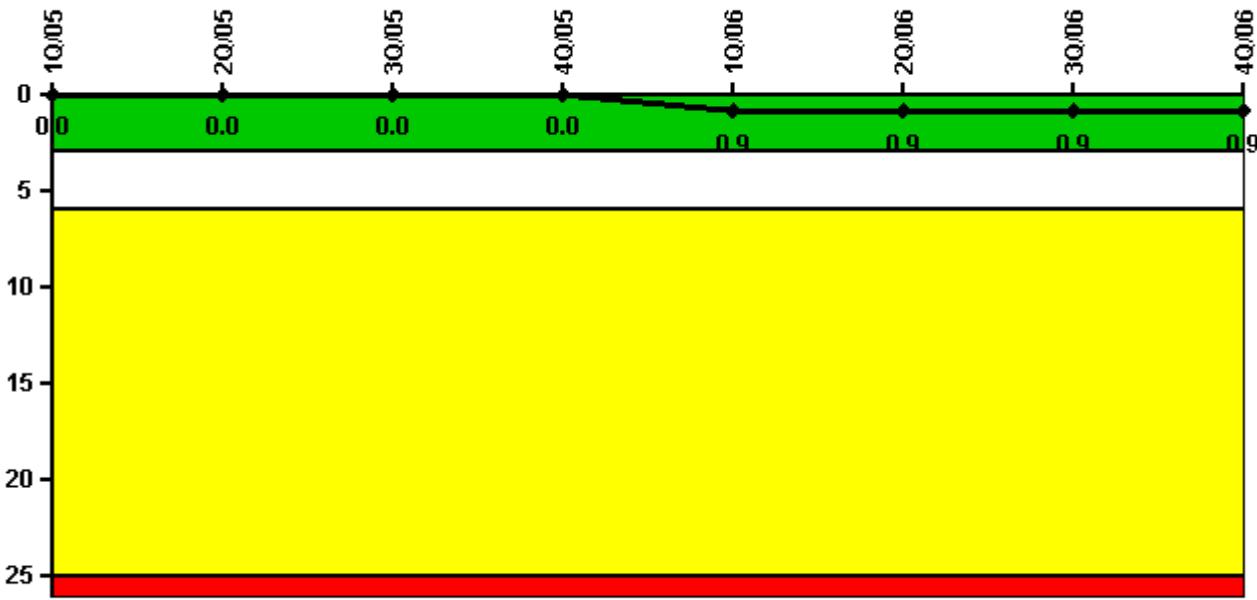
Last Modified: November 6, 2006

# La Salle 1

## 4Q/2006 Performance Indicators

Licensee's General Comments: none

### **Unplanned Scrams per 7000 Critical Hrs**



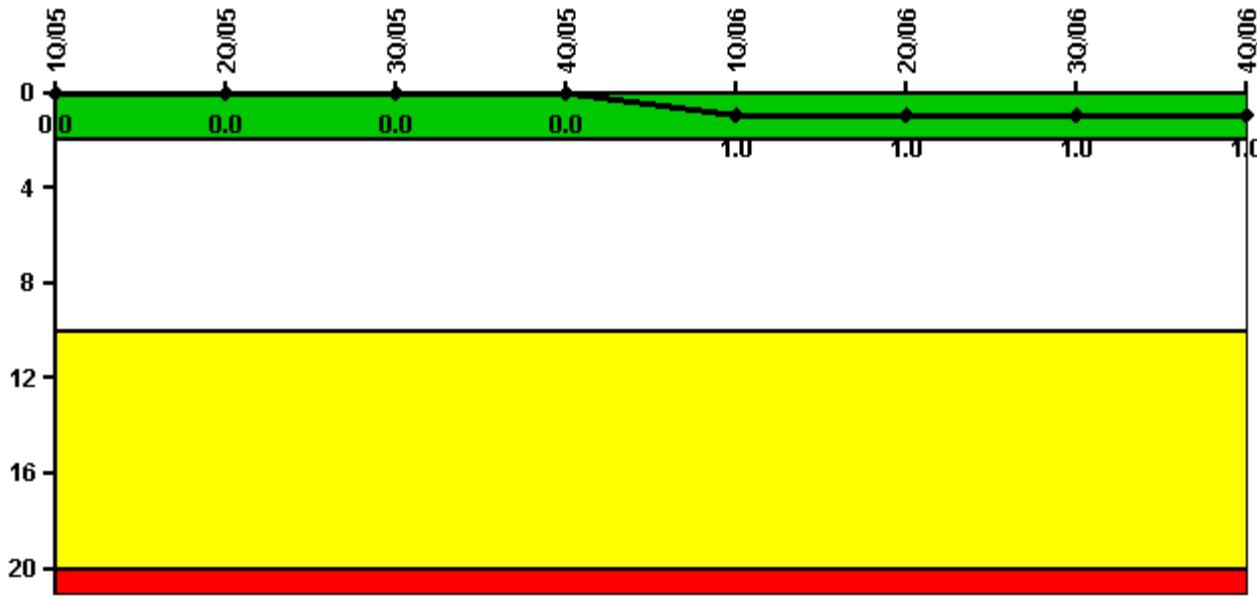
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

| Unplanned Scrams per 7000 Critical Hrs | 1Q/05    | 2Q/05    | 3Q/05    | 4Q/05    | 1Q/06      | 2Q/06      | 3Q/06      | 4Q/06      |
|--|----------|----------|----------|----------|------------|------------|------------|------------|
| Unplanned scrams                       | 0        | 0        | 0        | 0        | 1.0        | 0          | 0          | 0          |
| Critical hours                         | 2160.0   | 2183.0   | 2208.0   | 2209.0   | 1549.1     | 2183.0     | 2208.0     | 2209.0     |
| <b>Indicator value</b>                 | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0.9</b> | <b>0.9</b> | <b>0.9</b> | <b>0.9</b> |

Licensee Comments: none

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**Scrams with Loss of Normal Heat Removal**

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

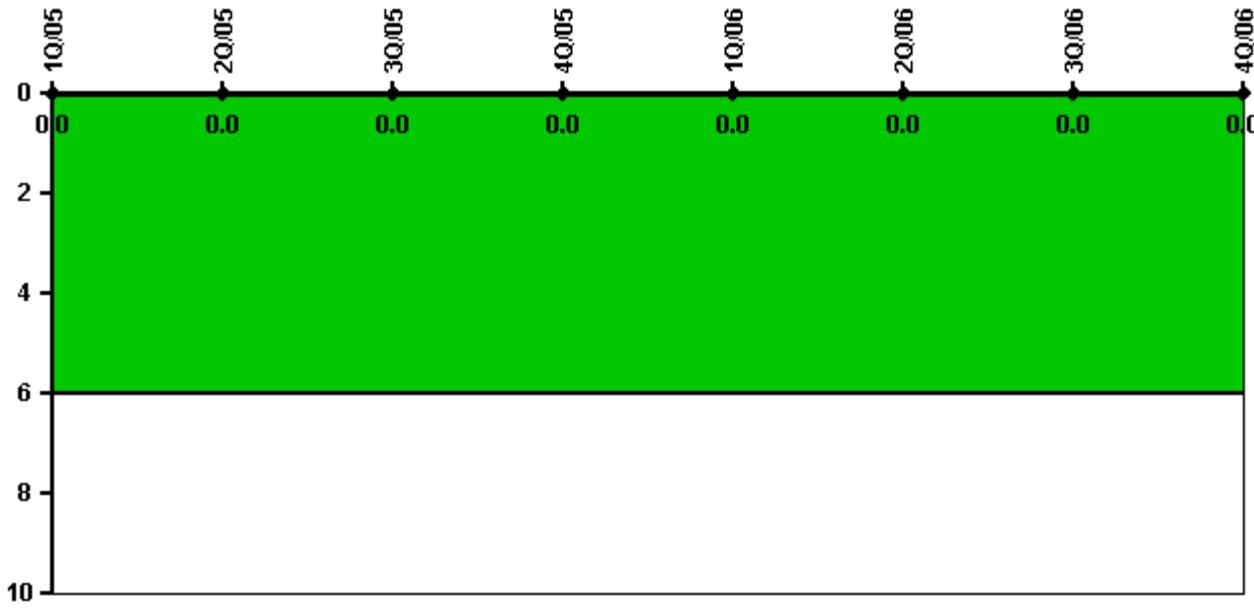
**Notes**

| Scrams with Loss of Normal Heat Removal | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams                                  | 0     | 0     | 0     | 0     | 1.0   | 0     | 0     | 0     |
| Indicator value                         | 0     | 0     | 0     | 0     | 1.0   | 1.0   | 1.0   | 1.0   |

Licensee Comments: none

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### Unplanned Power Changes per 7000 Critical Hrs



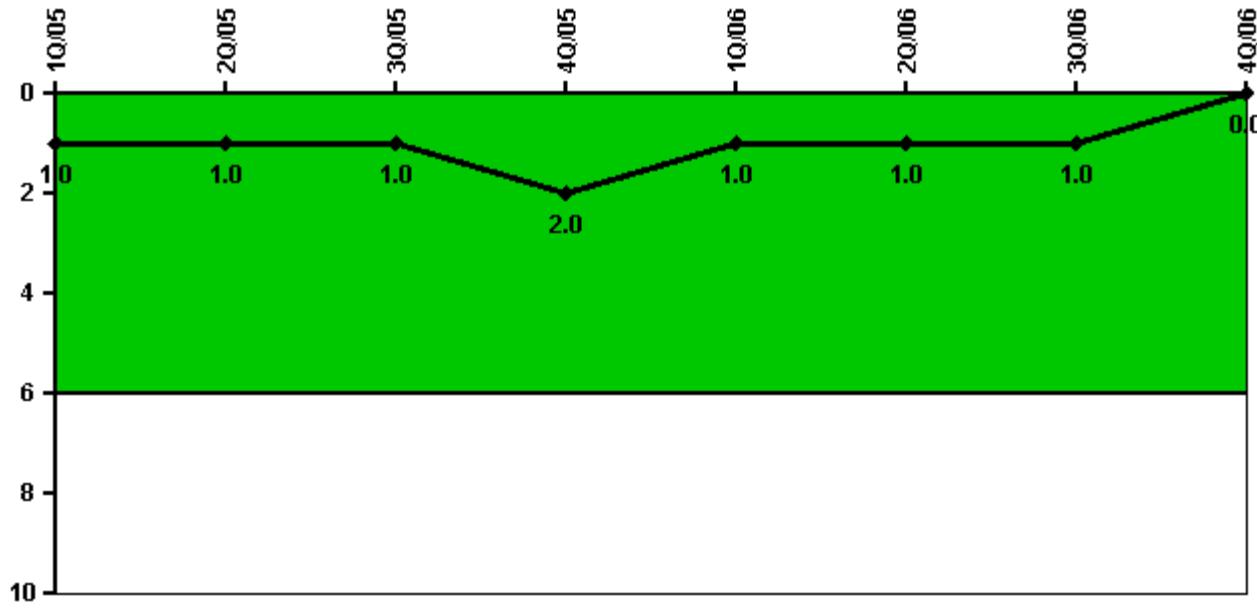
Thresholds: White > 6.0

#### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 1Q/05    | 2Q/05    | 3Q/05    | 4Q/05    | 1Q/06    | 2Q/06    | 3Q/06    | 4Q/06    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Unplanned power changes                       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Critical hours                                | 2160.0   | 2183.0   | 2208.0   | 2209.0   | 1549.1   | 2183.0   | 2208.0   | 2209.0   |
| Indicator value                               | <b>0</b> |

Licensee Comments: none

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**Safety System Functional Failures (BWR)**

Thresholds: White > 6.0

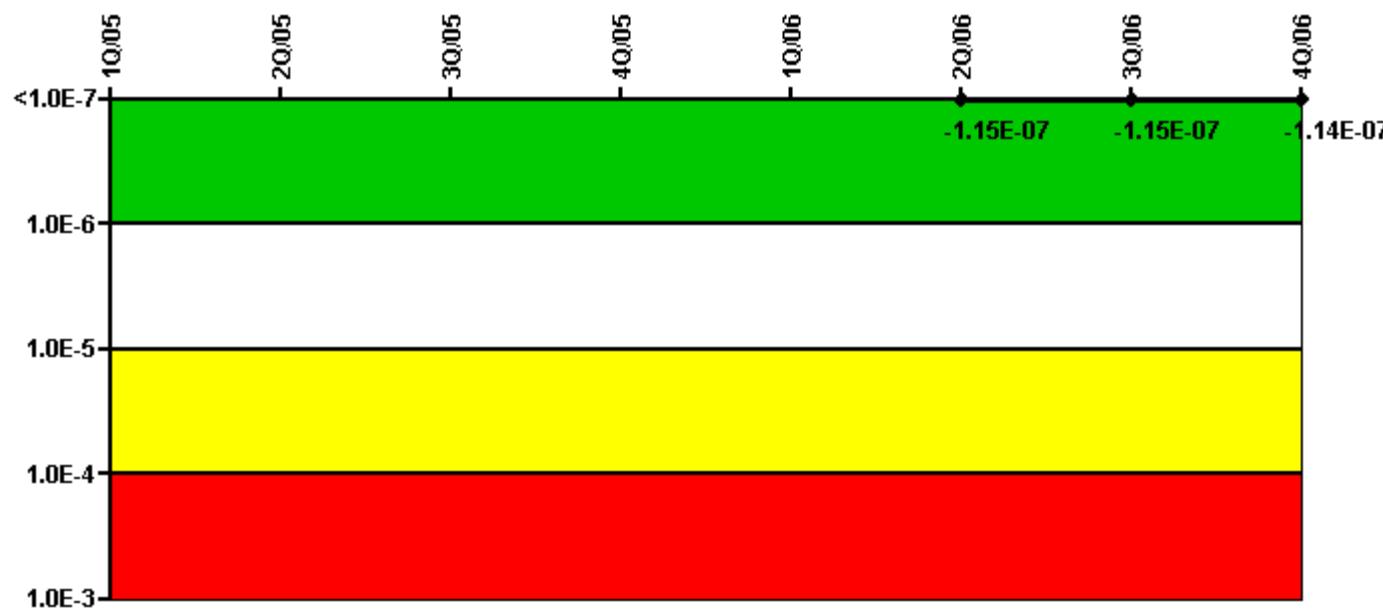
**Notes**

| Safety System Functional Failures (BWR) | 1Q/05    | 2Q/05    | 3Q/05    | 4Q/05    | 1Q/06    | 2Q/06    | 3Q/06    | 4Q/06    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Safety System Functional Failures       | 1        | 0        | 0        | 1        | 0        | 0        | 0        | 0        |
| Indicator value                         | <b>1</b> | <b>1</b> | <b>1</b> | <b>2</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>0</b> |

Licensee Comments: none

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## Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06            | 3Q/06            | 4Q/06            |
|---|-------|-------|-------|-------|-------|------------------|------------------|------------------|
| UAI (ΔCDF)  |       |       |       |       |       | -1.50E-08        | -1.50E-08        | -1.50E-08        |
| URI (ΔCDF)  |       |       |       |       |       | -1.00E-07        | -1.00E-07        | -9.90E-08        |
| PLE   |       |       |       |       |       | NO               | NO               | NO               |
| <b>Indicator value</b>  |       |       |       |       |       | <b>-1.15E-07</b> | <b>-1.15E-07</b> | <b>-1.14E-07</b> |

### Licensee Comments:

4Q/06: Changed PRA Parameter(s). An internal review identified a number of minor discrepancies in MSPI data submitted in previous quarters. These discrepancies have been corrected in the 4th quarter 2006 submittal, and did not result in a change in current or past indicator color. This occurrence has been entered into the plant's corrective action program.

3Q/06: Changed PRA Parameter(s).

2Q/06: Changed PRA Parameter(s).

## Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06           | 3Q/06           | 4Q/06           |
|--|-------|-------|-------|-------|-------|-----------------|-----------------|-----------------|
| UAI (ΔCDF)   |       |       |       |       |       | 1.00E-07        | 1.00E-07        | 1.00E-07        |
| URI (ΔCDF)   |       |       |       |       |       | 5.00E-08        | 4.90E-08        | 4.90E-08        |
| PLE  |       |       |       |       |       | NO              | NO              | NO              |
| <b>Indicator value</b>   |       |       |       |       |       | <b>1.50E-07</b> | <b>1.49E-07</b> | <b>1.49E-07</b> |

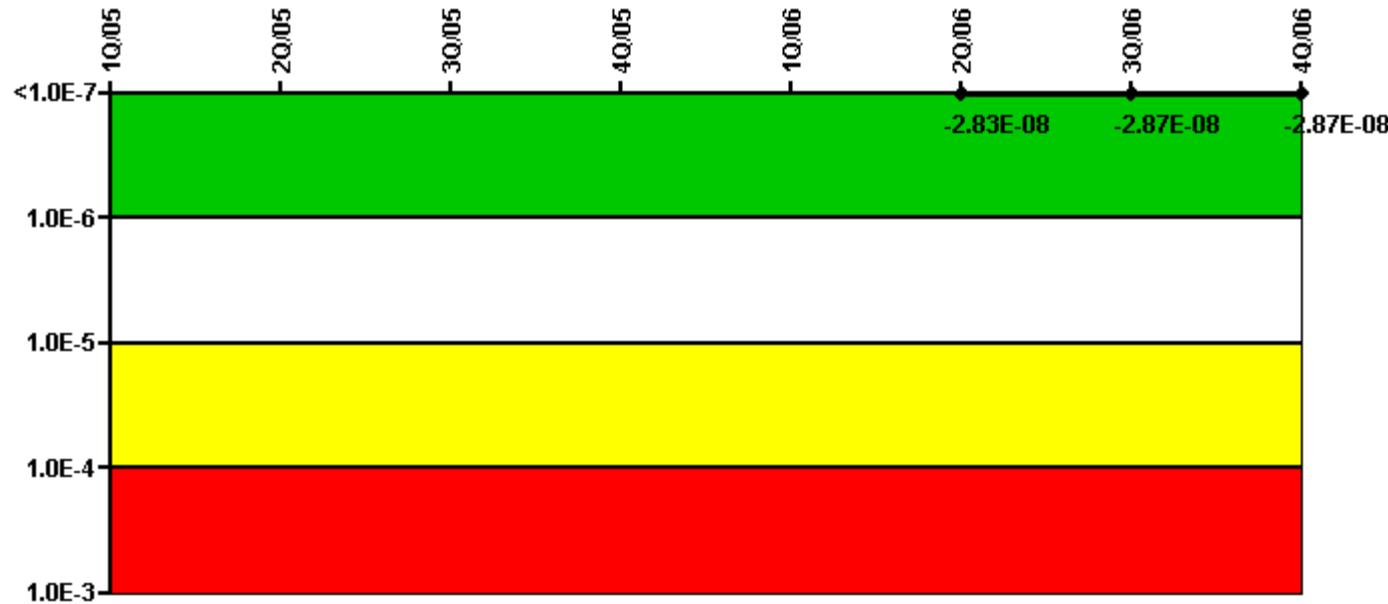
### Licensee Comments:

4Q/06: Changed PRA Parameter(s). An internal review identified a number of minor discrepancies in MSPI data submitted in previous quarters. These discrepancies have been corrected in the 4th quarter 2006 submittal, and did not result in a change in current or past indicator color. This occurrence has been entered into the plant's corrective action program.

3Q/06: Changed PRA Parameter(s).

2Q/06: Changed PRA Parameter(s).

## Mitigating Systems Performance Index, Heat Removal System



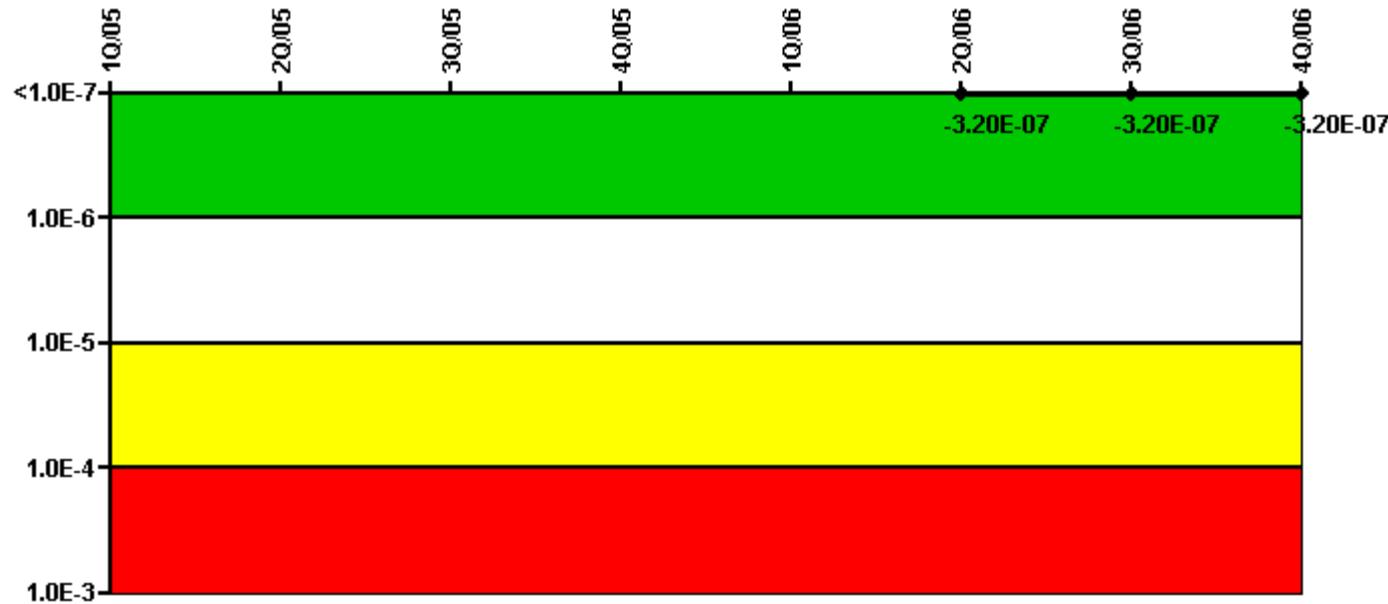
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Heat Removal System | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06            | 3Q/06            | 4Q/06            |
|---|-------|-------|-------|-------|-------|------------------|------------------|------------------|
| UAI (ΔCDF)  |       |       |       |       |       | -9.30E-09        | -9.70E-09        | -9.70E-09        |
| URI (ΔCDF)  |       |       |       |       |       | -1.90E-08        | -1.90E-08        | -1.90E-08        |
| PLE   |       |       |       |       |       | NO               | NO               | NO               |
| Indicator value   |       |       |       |       |       | <b>-2.83E-08</b> | <b>-2.87E-08</b> | <b>-2.87E-08</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, Residual Heat Removal System



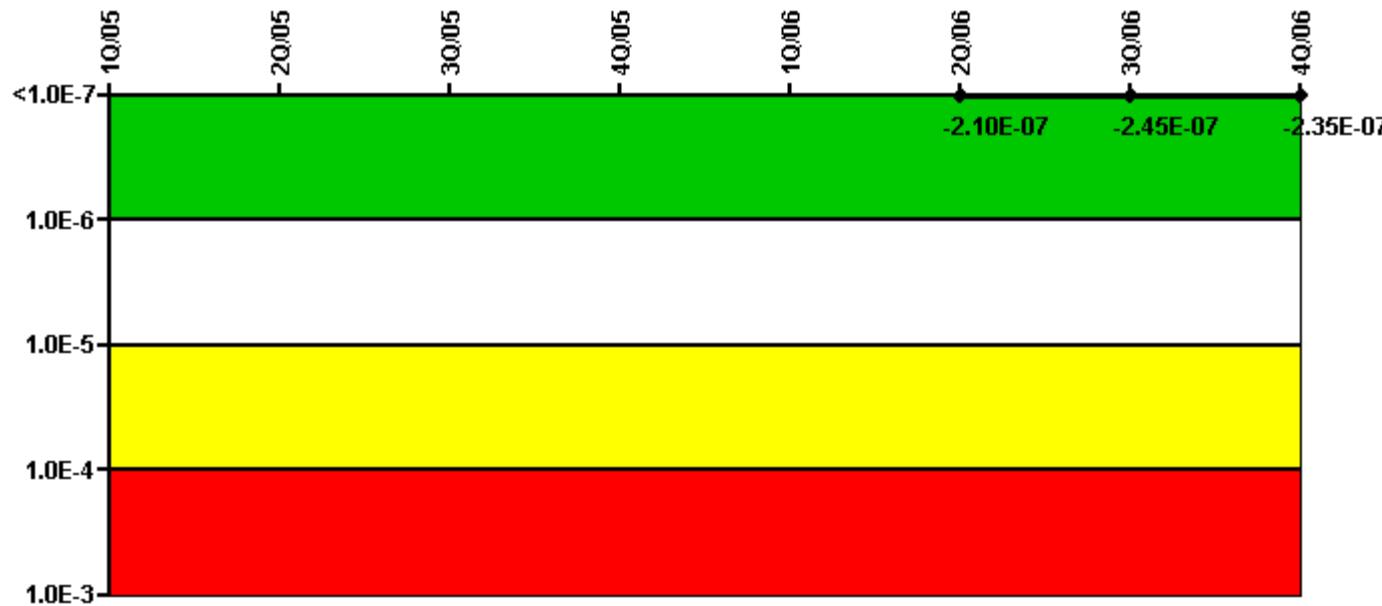
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06            | 3Q/06            | 4Q/06            |
|--|-------|-------|-------|-------|-------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)  |       |       |       |       |       | -1.30E-07        | -1.30E-07        | -1.30E-07        |
| URI ( $\Delta$ CDF)  |       |       |       |       |       | -1.90E-07        | -1.90E-07        | -1.90E-07        |
| PLE  |       |       |       |       |       | NO               | NO               | NO               |
| <b>Indicator value</b>   |       |       |       |       |       | <b>-3.20E-07</b> | <b>-3.20E-07</b> | <b>-3.20E-07</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06            | 3Q/06            | 4Q/06            |
|---|-------|-------|-------|-------|-------|------------------|------------------|------------------|
| UAI (ΔCDF)  |       |       |       |       |       | 8.00E-08         | 4.50E-08         | 4.50E-08         |
| URI (ΔCDF)  |       |       |       |       |       | -2.90E-07        | -2.90E-07        | -2.80E-07        |
| PLE   |       |       |       |       |       | NO               | NO               | NO               |
| <b>Indicator value</b>                                      |       |       |       |       |       | <b>-2.10E-07</b> | <b>-2.45E-07</b> | <b>-2.35E-07</b> |

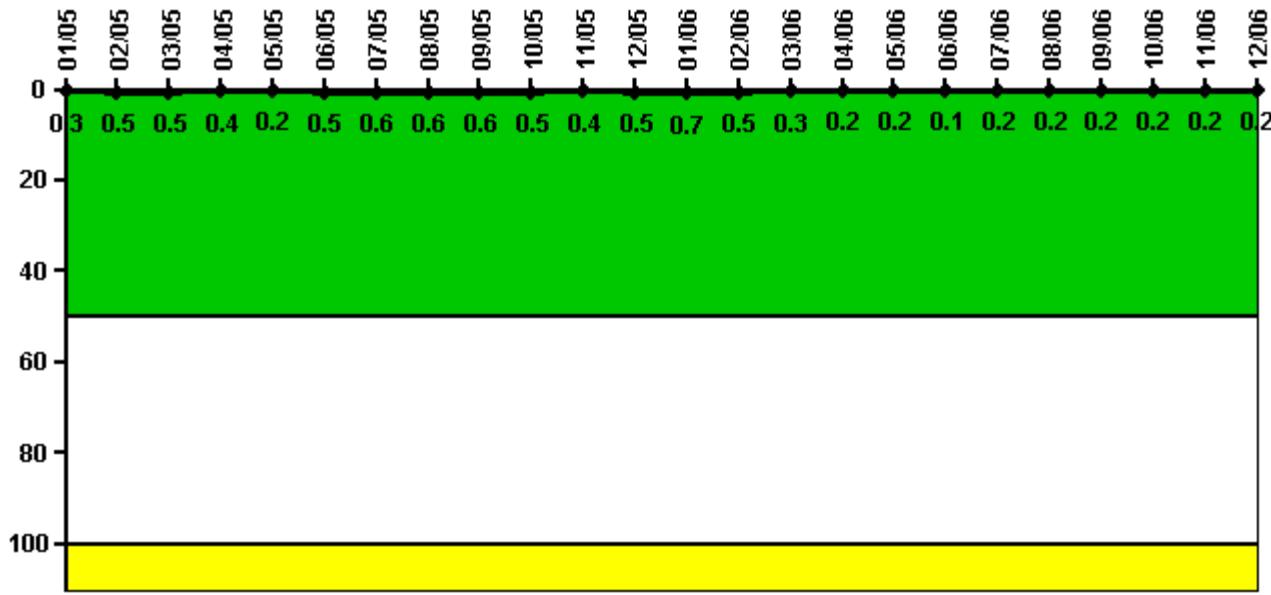
### Licensee Comments:

4Q/06: Changed PRA Parameter(s). An internal review identified a number of minor discrepancies in MSPI data submitted in previous quarters. These discrepancies have been corrected in the 4th quarter 2006 submittal, and did not result in a change in current or past indicator color. This occurrence has been entered into the plant's corrective action program.

3Q/06: Changed PRA Parameter(s).

2Q/06: Changed PRA Parameter(s).

## Reactor Coolant System Activity



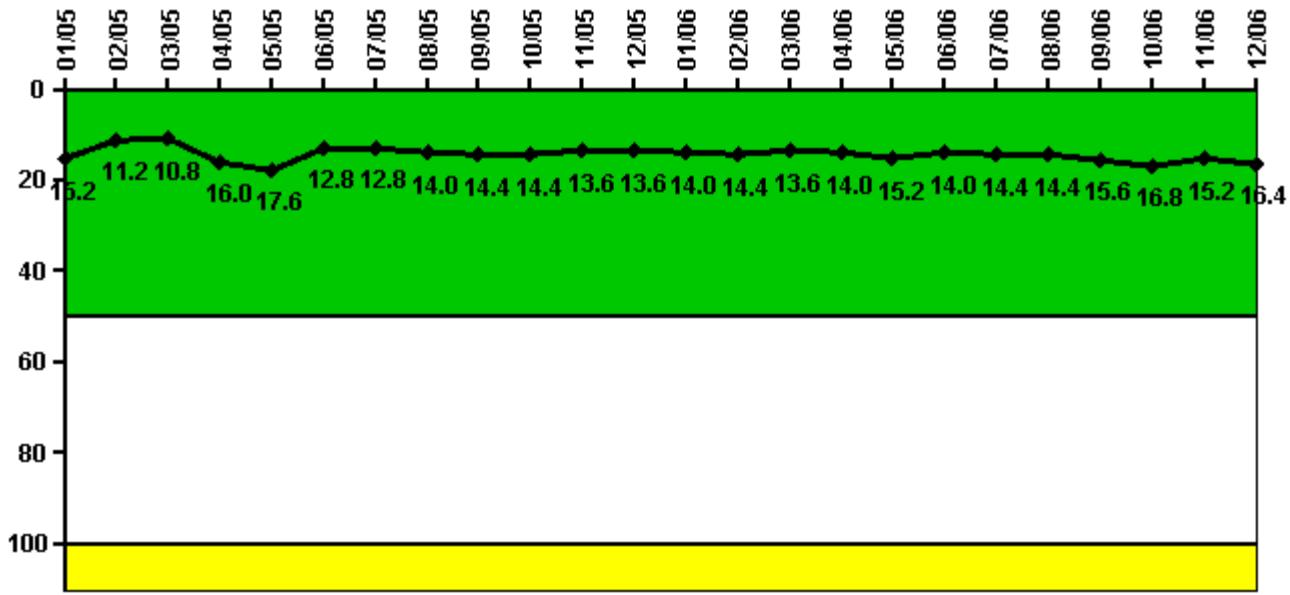
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Activity | 1/05       | 2/05       | 3/05       | 4/05       | 5/05       | 6/05       | 7/05       | 8/05       | 9/05       | 10/05      | 11/05      | 12/05      |
|---------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Maximum activity                | 0.000698   | 0.000909   | 0.000988   | 0.000878   | 0.000466   | 0.000958   | 0.001180   | 0.001200   | 0.001230   | 0.000955   | 0.000789   | 0.001060   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| <b>Indicator value</b>          | <b>0.3</b> | <b>0.5</b> | <b>0.5</b> | <b>0.4</b> | <b>0.2</b> | <b>0.5</b> | <b>0.6</b> | <b>0.6</b> | <b>0.6</b> | <b>0.5</b> | <b>0.4</b> | <b>0.5</b> |
| Reactor Coolant System Activity | 1/06       | 2/06       | 3/06       | 4/06       | 5/06       | 6/06       | 7/06       | 8/06       | 9/06       | 10/06      | 11/06      | 12/06      |
| Maximum activity                | 0.001370   | 0.000991   | 0.000511   | 0.000406   | 0.000301   | 0.000282   | 0.000362   | 0.000345   | 0.000343   | 0.000348   | 0.000365   | 0.000381   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| <b>Indicator value</b>          | <b>0.7</b> | <b>0.5</b> | <b>0.3</b> | <b>0.2</b> | <b>0.2</b> | <b>0.1</b> | <b>0.2</b> | <b>0.2</b> | <b>0.2</b> | <b>0.2</b> | <b>0.2</b> | <b>0.2</b> |

Licensee Comments: none

## Reactor Coolant System Leakage



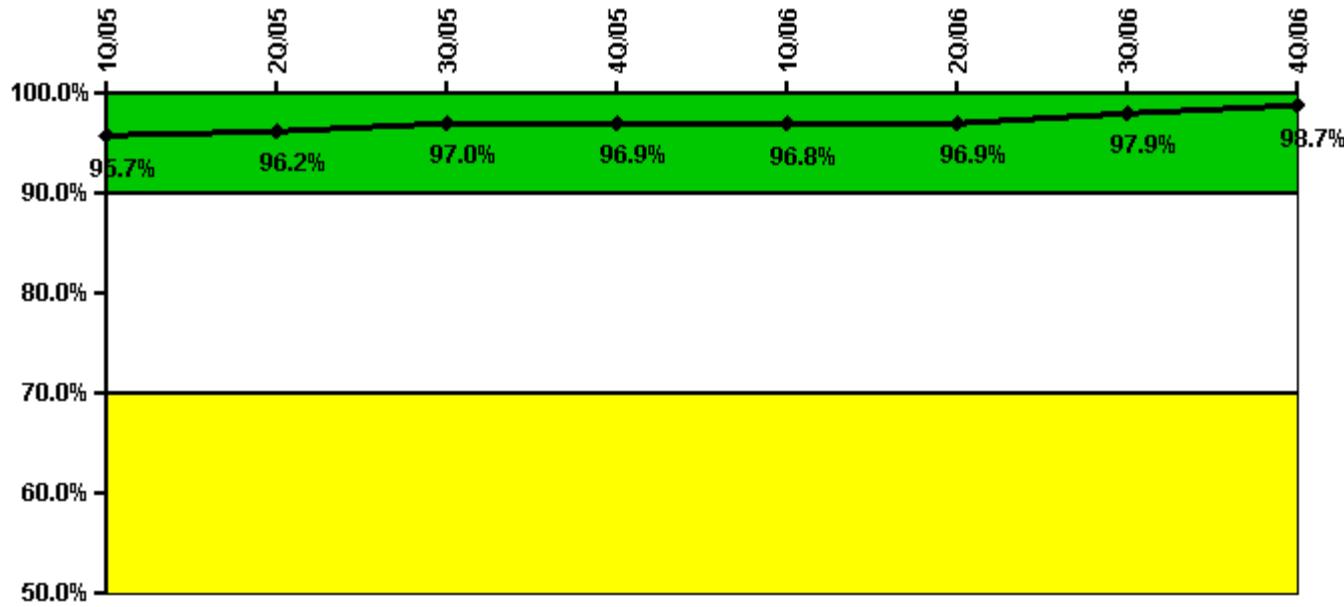
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Leakage | 1/05        | 2/05        | 3/05        | 4/05        | 5/05        | 6/05        | 7/05        | 8/05        | 9/05        | 10/05       | 11/05       | 12/05       |
|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Maximum leakage                | 3.800       | 2.800       | 2.700       | 4.000       | 4.400       | 3.200       | 3.200       | 3.500       | 3.600       | 3.600       | 3.400       | 3.400       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| <b>Indicator value</b>         | <b>15.2</b> | <b>11.2</b> | <b>10.8</b> | <b>16.0</b> | <b>17.6</b> | <b>12.8</b> | <b>12.8</b> | <b>14.0</b> | <b>14.4</b> | <b>14.4</b> | <b>13.6</b> | <b>13.6</b> |
| Reactor Coolant System Leakage | 1/06        | 2/06        | 3/06        | 4/06        | 5/06        | 6/06        | 7/06        | 8/06        | 9/06        | 10/06       | 11/06       | 12/06       |
| Maximum leakage                | 3.500       | 3.600       | 3.400       | 3.500       | 3.800       | 3.500       | 3.600       | 3.600       | 3.900       | 4.200       | 3.800       | 4.100       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| <b>Indicator value</b>         | <b>14.0</b> | <b>14.4</b> | <b>13.6</b> | <b>14.0</b> | <b>15.2</b> | <b>14.0</b> | <b>14.4</b> | <b>14.4</b> | <b>15.6</b> | <b>16.8</b> | <b>15.2</b> | <b>16.4</b> |

Licensee Comments: none

### Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

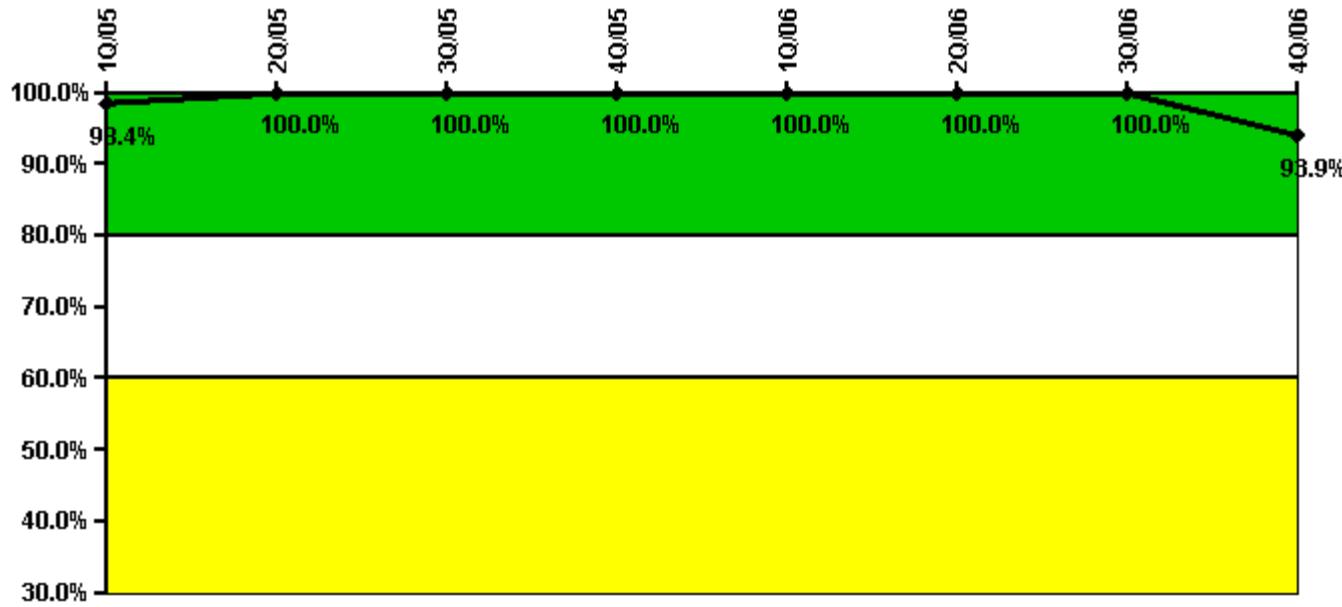
#### Notes

| Drill/Exercise Performance | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities   | 2.0   | 56.0  | 61.0  | 59.0  | 18.0  | 41.0  | 30.0  | 42.0  |
| Total opportunities        | 2.0   | 56.0  | 62.0  | 60.0  | 18.0  | 42.0  | 30.0  | 43.0  |
| Indicator value            | 95.7% | 96.2% | 97.0% | 96.9% | 96.8% | 96.9% | 97.9% | 98.7% |

Licensee Comments: none

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## ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

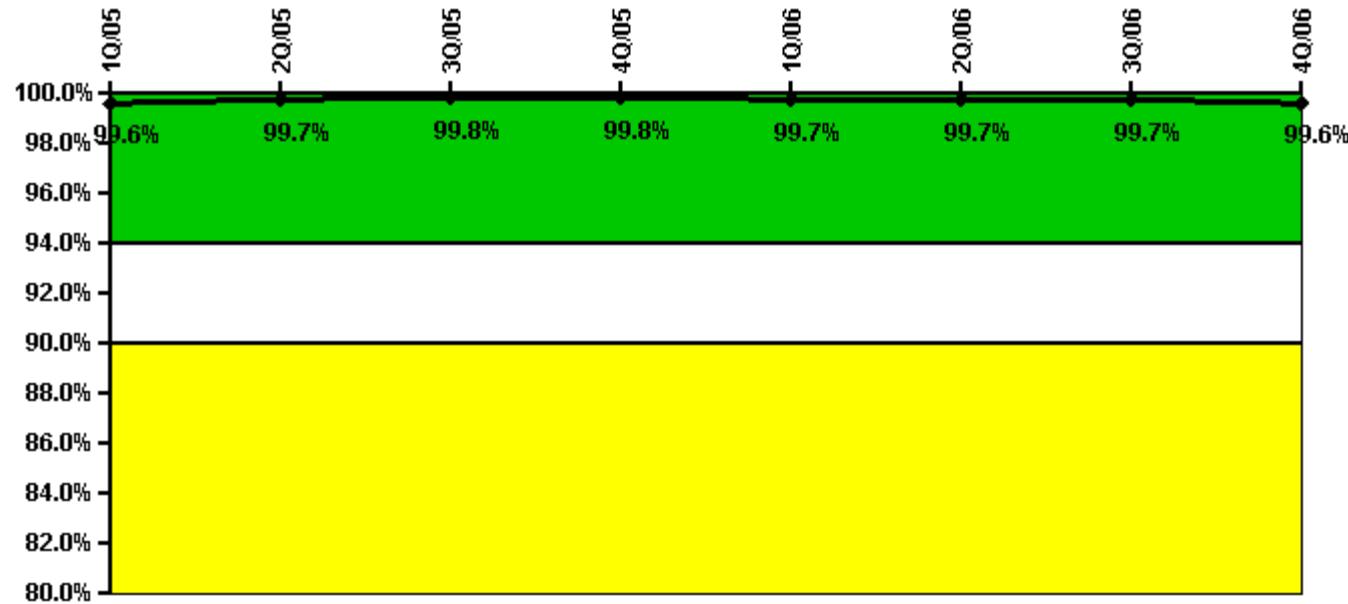
### Notes

| ERO Drill Participation     | 1Q/05 | 2Q/05  | 3Q/05  | 4Q/05  | 1Q/06  | 2Q/06  | 3Q/06  | 4Q/06 |
|-----------------------------|-------|--------|--------|--------|--------|--------|--------|-------|
| Participating Key personnel | 62.0  | 62.0   | 59.0   | 61.0   | 63.0   | 63.0   | 60.0   | 62.0  |
| Total Key personnel         | 63.0  | 62.0   | 59.0   | 61.0   | 63.0   | 63.0   | 60.0   | 66.0  |
| Indicator value             | 98.4% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 93.9% |

Licensee Comments: none

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## Alert & Notification System



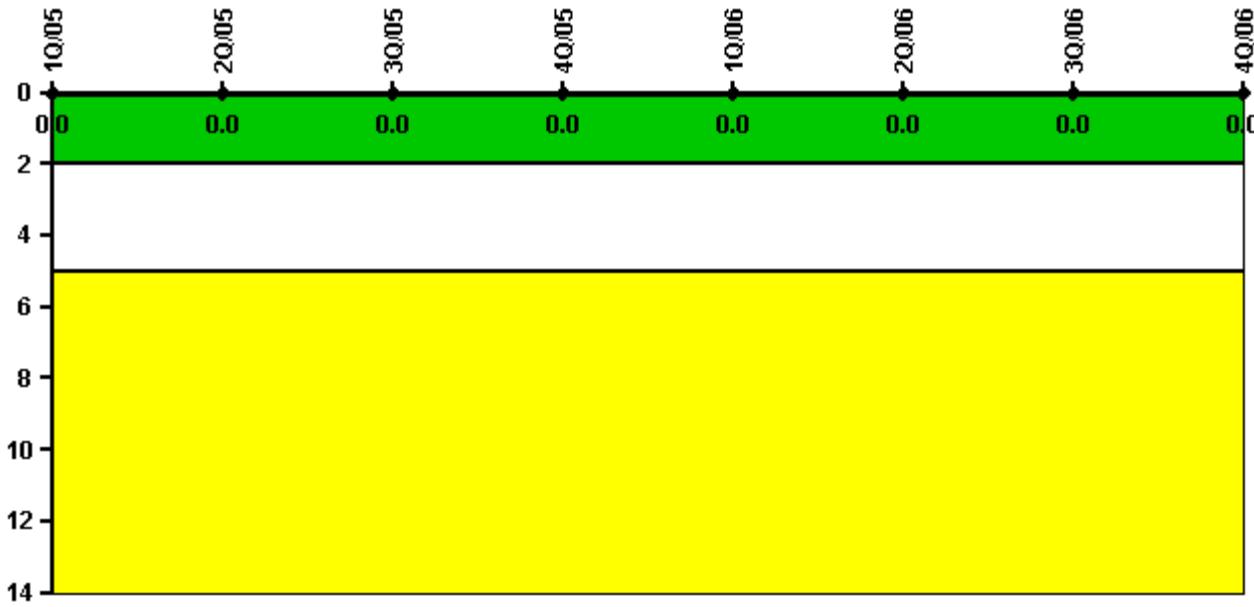
Thresholds: White < 94.0% Yellow < 90.0%

### Notes

| Alert & Notification System | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests      | 3195  | 3195  | 3185  | 3196  | 3241  | 3191  | 3189  | 3131  |
| Total sirens-tests          | 3200  | 3200  | 3200  | 3200  | 3250  | 3200  | 3200  | 3150  |
| Indicator value             | 99.6% | 99.7% | 99.8% | 99.8% | 99.7% | 99.7% | 99.7% | 99.6% |

Licensee Comments: none

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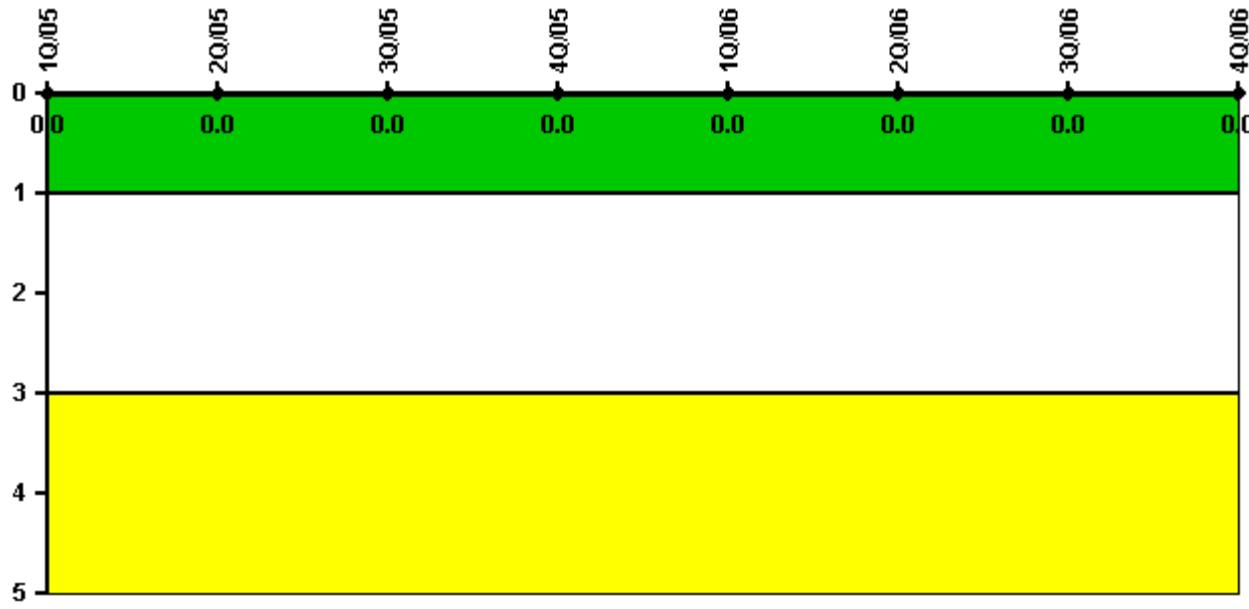
**Occupational Exposure Control Effectiveness**

Thresholds: White > 2.0 Yellow > 5.0

**Notes**

| Occupational Exposure Control Effectiveness | 1Q/05    | 2Q/05    | 3Q/05    | 4Q/05    | 1Q/06    | 2Q/06    | 3Q/06    | 4Q/06    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>0</b> |

Licensee Comments: none

**RETS/ODCM Radiological Effluent**

Thresholds: White > 1.0 Yellow > 3.0

**Notes**

| RETS/ODCM Radiological Effluent | 1Q/05    | 2Q/05    | 3Q/05    | 4Q/05    | 1Q/06    | 2Q/06    | 3Q/06    | 4Q/06    |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| RETS/ODCM occurrences           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Indicator value                 | <b>0</b> |

Licensee Comments: none

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[Physical Protection](#) information not publicly available.

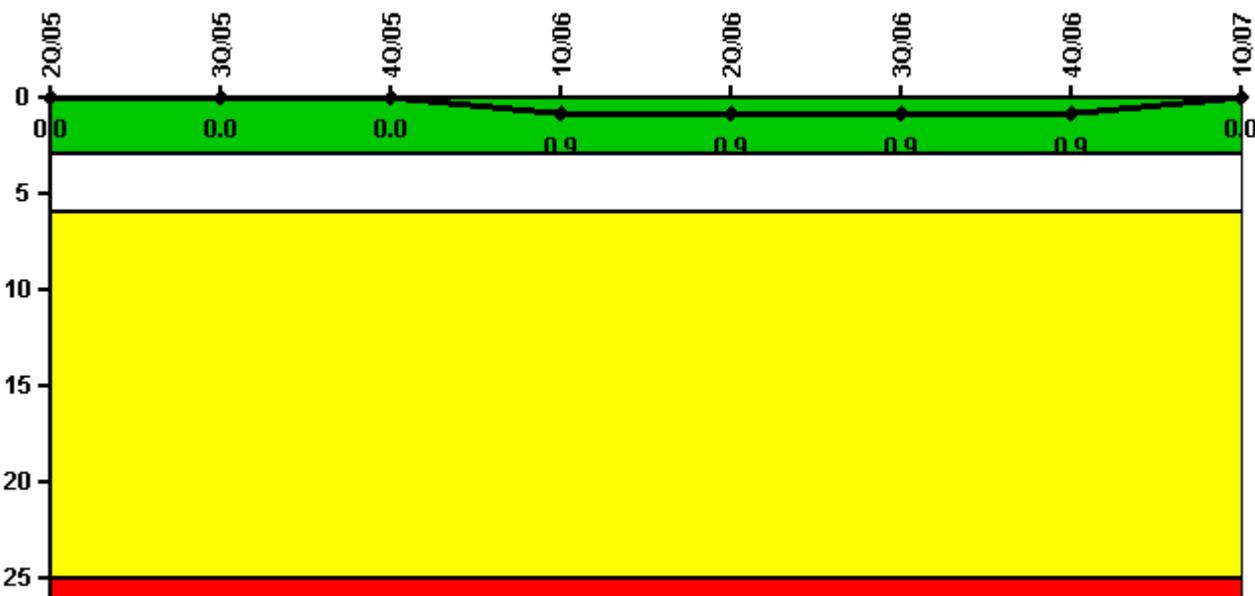
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# La Salle 1

## 1Q/2007 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

| Unplanned Scrams per 7000 Critical Hrs | 2Q/05  | 3Q/05  | 4Q/05  | 1Q/06  | 2Q/06  | 3Q/06  | 4Q/06  | 1Q/07  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 0      | 0      | 1.0    | 0      | 0      | 0      | 0      |
| Critical hours                         | 2183.0 | 2208.0 | 2209.0 | 1549.1 | 2183.0 | 2208.0 | 2209.0 | 2159.0 |
| Indicator value                        | 0      | 0      | 0      | 0.9    | 0.9    | 0.9    | 0.9    | 0      |

Licensee Comments: none

## Scrams with Loss of Normal Heat Removal



Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

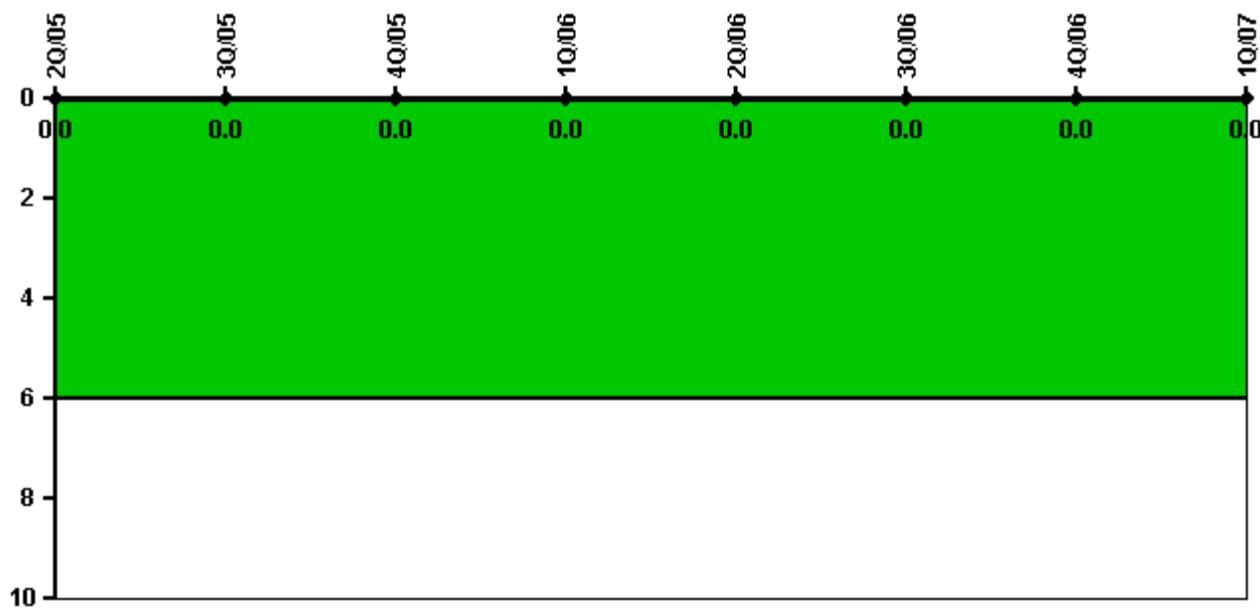
### Notes

| Scrams with Loss of Normal Heat Removal | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams                                  | 0     | 0     | 0     | 1.0   | 0     | 0     | 0     | 0     |
| Indicator value                         | 0     | 0     | 0     | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   |

Licensee Comments: none

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## Unplanned Power Changes per 7000 Critical Hrs



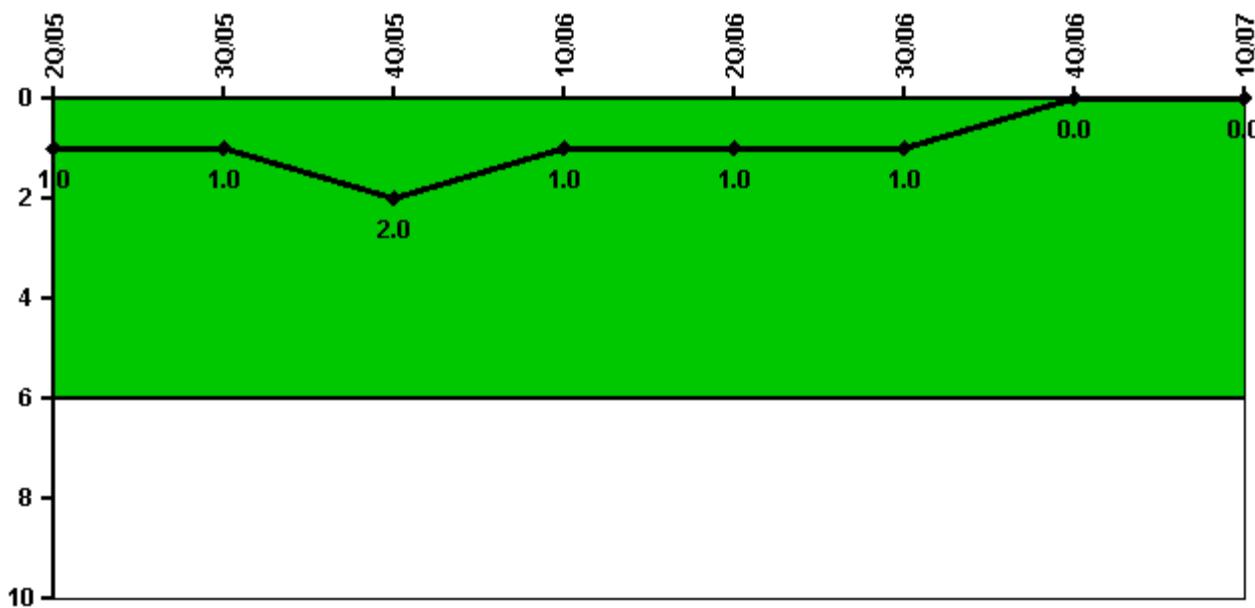
Thresholds: White > 6.0

### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 2Q/05    | 3Q/05    | 4Q/05    | 1Q/06    | 2Q/06    | 3Q/06    | 4Q/06    | 1Q/07    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Unplanned power changes                       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Critical hours                                | 2183.0   | 2208.0   | 2209.0   | 1549.1   | 2183.0   | 2208.0   | 2209.0   | 2159.0   |
| Indicator value                               | <b>0</b> |

Licensee Comments: none

## Safety System Functional Failures (BWR)



Thresholds: White > 6.0

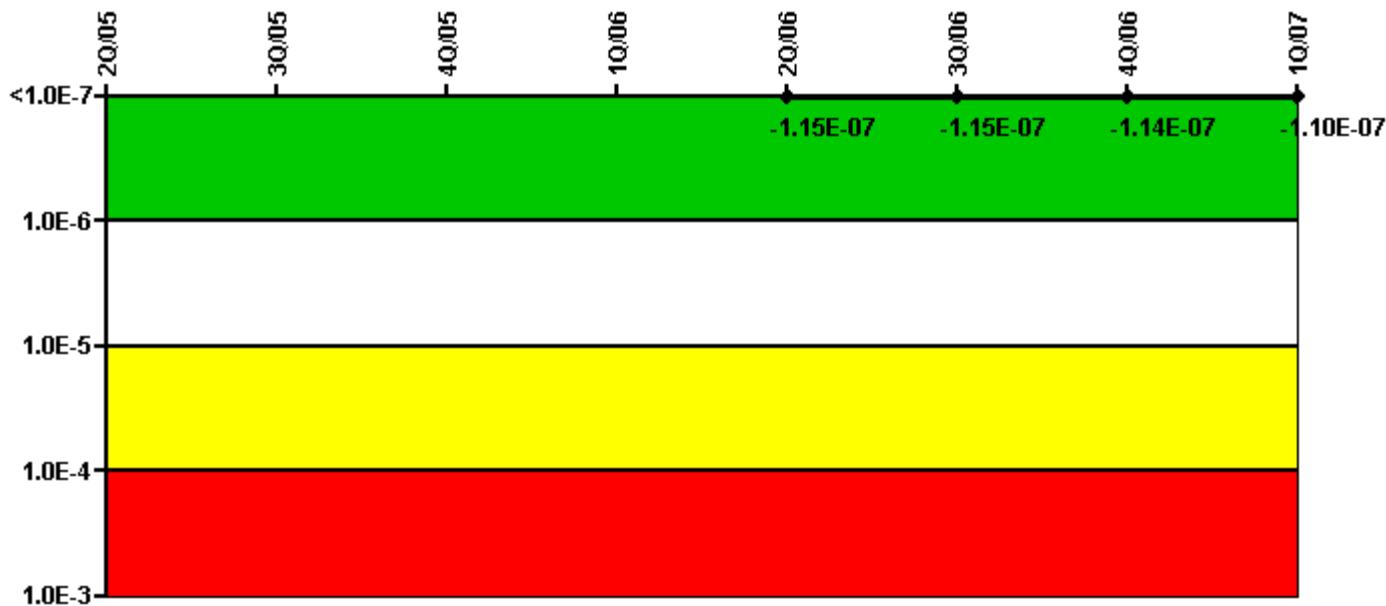
### Notes

| Safety System Functional Failures (BWR) | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures       | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                         | 1     | 1     | 2     | 1     | 1     | 1     | 0     | 0     |

Licensee Comments: none

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## Mitigating Systems Performance Index, Emergency AC Power System



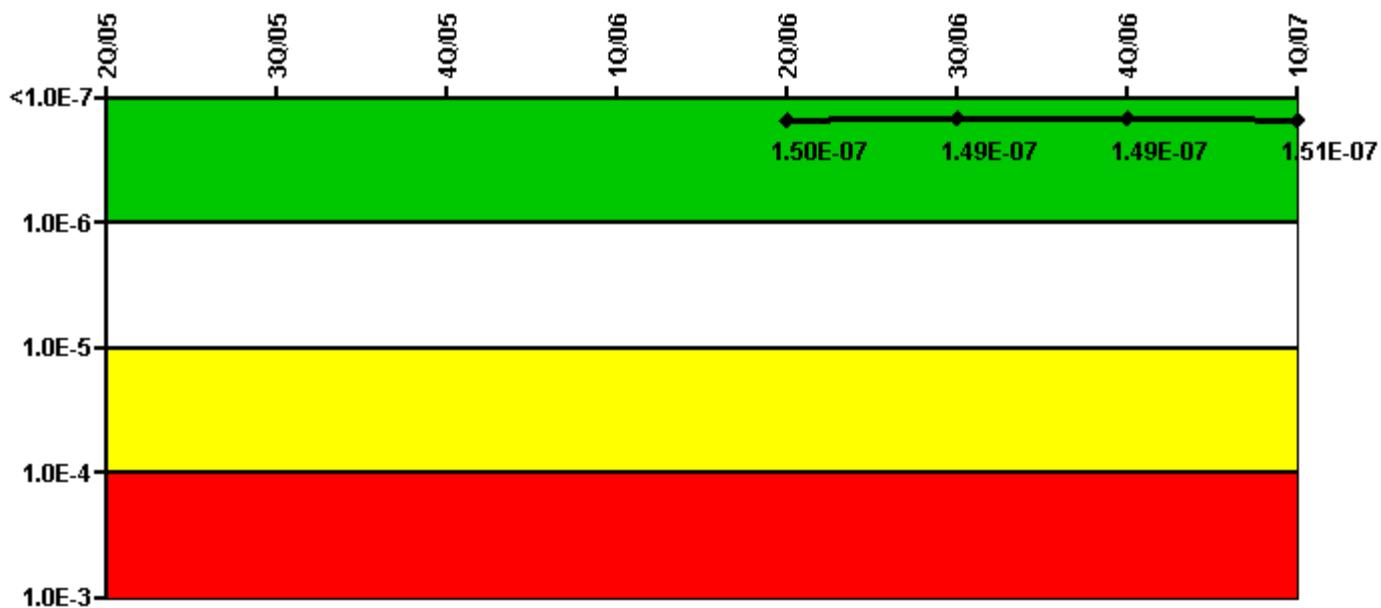
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06            | 3Q/06            | 4Q/06            | 1Q/07            |
|---|-------|-------|-------|-------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)   |       |       |       |       | -1.50E-08        | -1.50E-08        | -1.50E-08        | -1.50E-08        |
| URI ( $\Delta$ CDF)   |       |       |       |       | -1.00E-07        | -1.00E-07        | -9.90E-08        | -9.50E-08        |
| PLE   |       |       |       |       | NO               | NO               | NO               | NO               |
| <b>Indicator value</b>  |       |       |       |       | <b>-1.15E-07</b> | <b>-1.15E-07</b> | <b>-1.14E-07</b> | <b>-1.10E-07</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, High Pressure Injection System



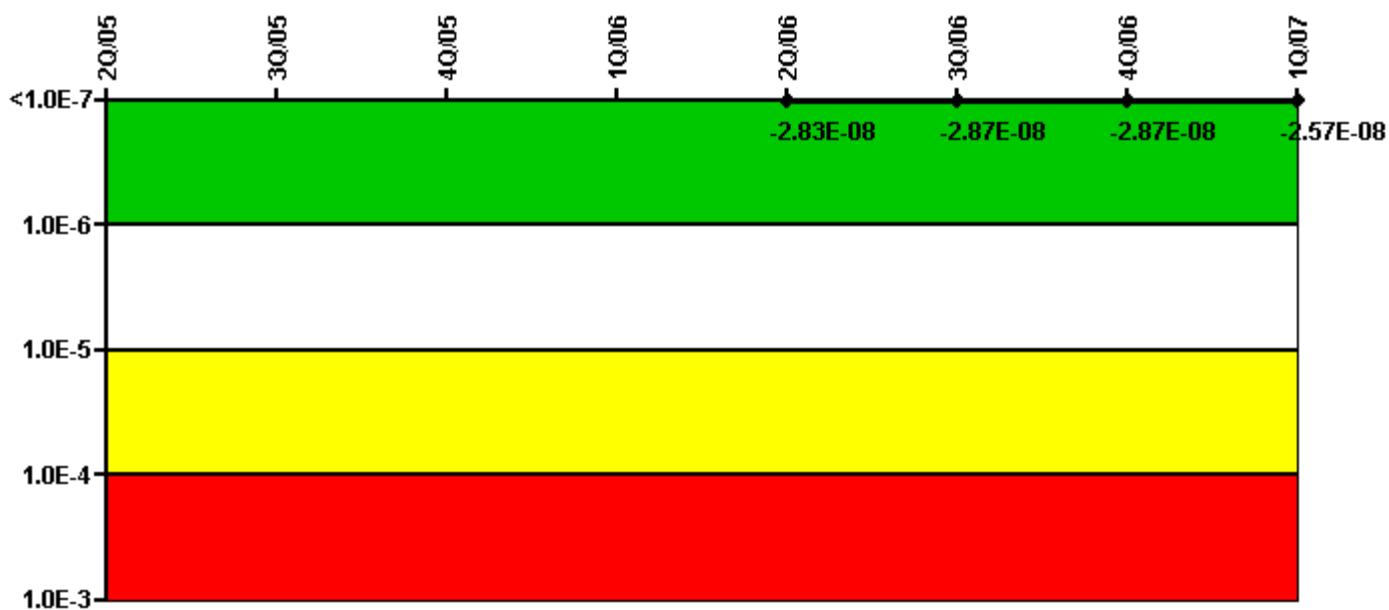
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06    | 3Q/06    | 4Q/06    | 1Q/07    |
|--|-------|-------|-------|-------|----------|----------|----------|----------|
| UAI ( $\Delta$ CDF)  |       |       |       |       | 1.00E-07 | 1.00E-07 | 1.00E-07 | 9.80E-08 |
| URI ( $\Delta$ CDF)  |       |       |       |       | 5.00E-08 | 4.90E-08 | 4.90E-08 | 5.30E-08 |
| PLE  |       |       |       |       | NO       | NO       | NO       | NO       |
| Indicator value  |       |       |       |       | 1.50E-07 | 1.49E-07 | 1.49E-07 | 1.51E-07 |

Licensee Comments: none

## Mitigating Systems Performance Index, Heat Removal System



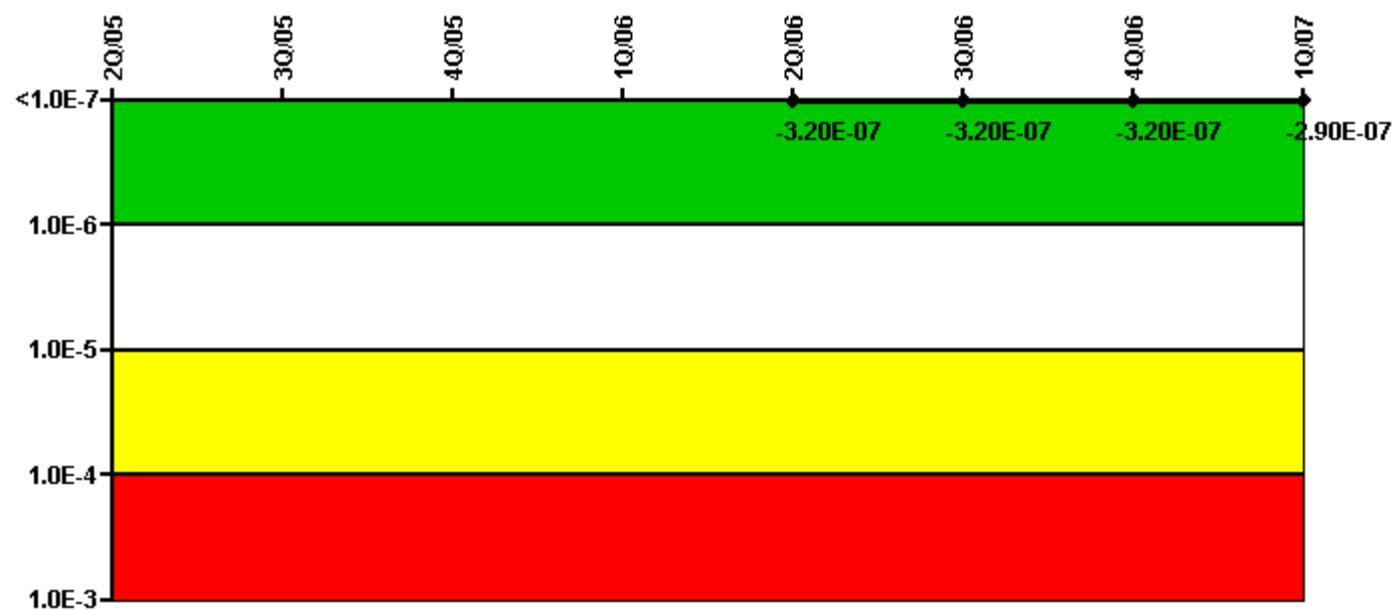
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Heat Removal System | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06     | 3Q/06     | 4Q/06     | 1Q/07     |
|---|-------|-------|-------|-------|-----------|-----------|-----------|-----------|
| UAI ( $\Delta$ CDF)                                       |       |       |       |       | -9.30E-09 | -9.70E-09 | -9.70E-09 | -9.70E-09 |
| URI ( $\Delta$ CDF)                                       |       |       |       |       | -1.90E-08 | -1.90E-08 | -1.90E-08 | -1.60E-08 |
| PLE   |       |       |       |       | NO        | NO        | NO        | NO        |
| Indicator value   |       |       |       |       | -2.83E-08 | -2.87E-08 | -2.87E-08 | -2.57E-08 |

Licensee Comments: none

## Mitigating Systems Performance Index, Residual Heat Removal System



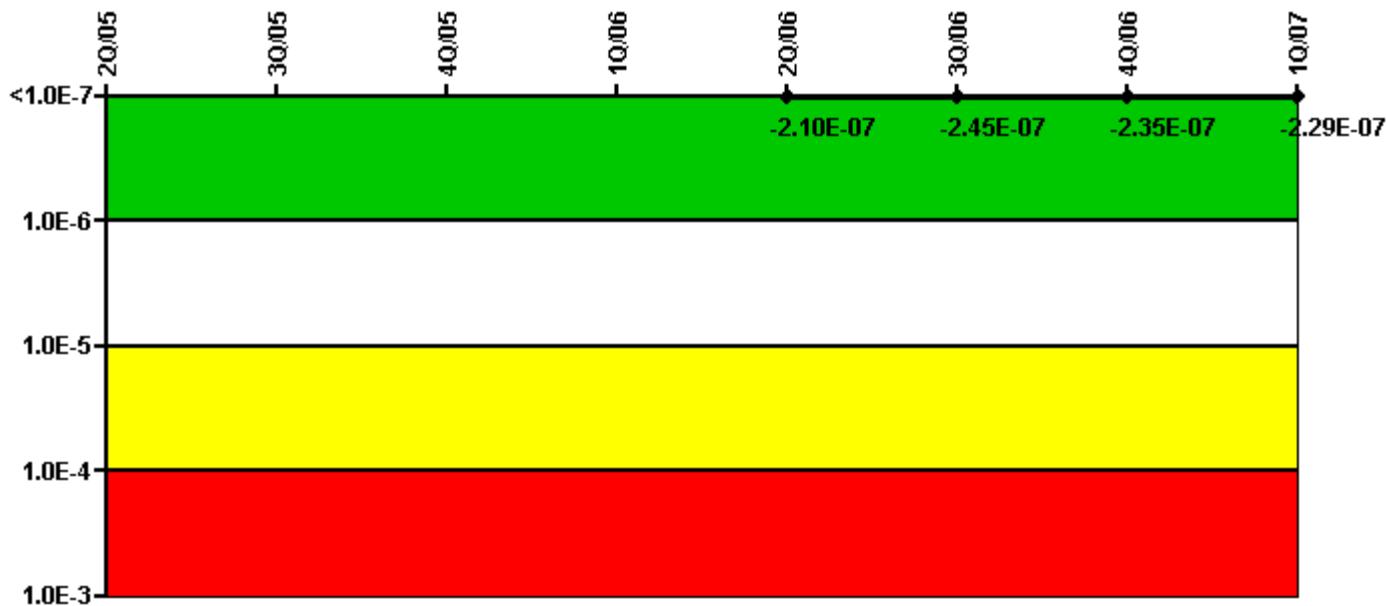
Thresholds: White >  $1.00E-6$  Yellow >  $1.00E-5$  Red >  $1.00E-4$

### Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06     | 3Q/06     | 4Q/06     | 1Q/07     |
|--|-------|-------|-------|-------|-----------|-----------|-----------|-----------|
| UAI ( $\Delta$ CDF)  |       |       |       |       | -1.30E-07 | -1.30E-07 | -1.30E-07 | -1.30E-07 |
| URI ( $\Delta$ CDF)  |       |       |       |       | -1.90E-07 | -1.90E-07 | -1.90E-07 | -1.60E-07 |
| PLE  |       |       |       |       | NO        | NO        | NO        | NO        |
| Indicator value  |       |       |       |       | -3.20E-07 | -3.20E-07 | -3.20E-07 | -2.90E-07 |

Licensee Comments: none

## Mitigating Systems Performance Index, Cooling Water Systems



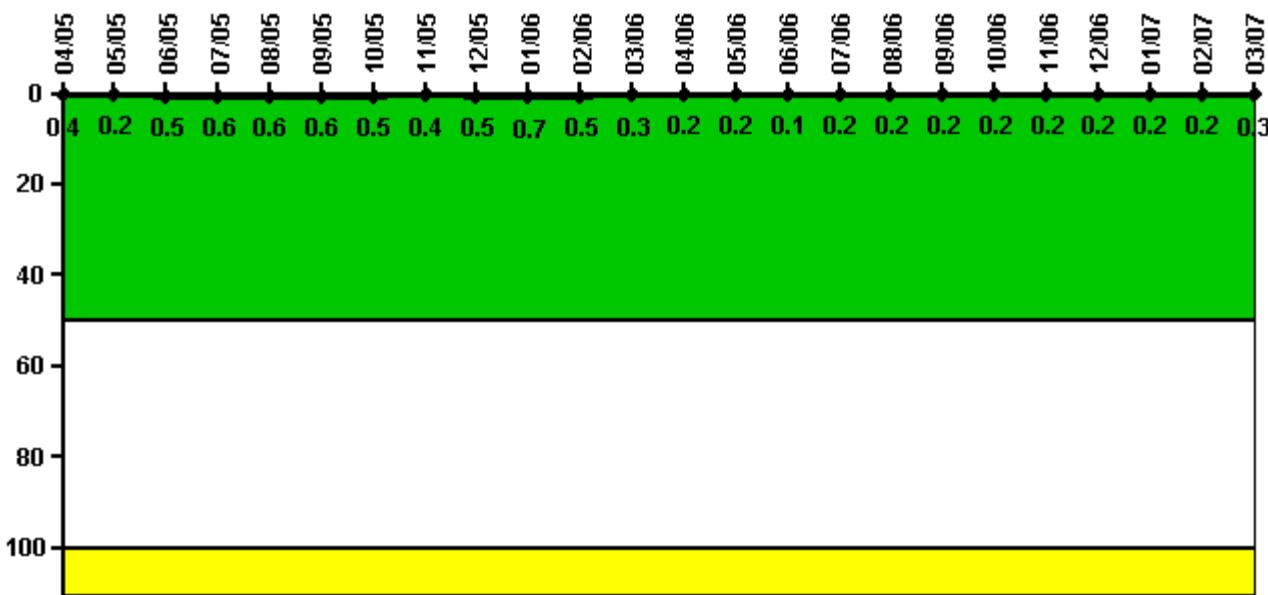
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06            | 3Q/06            | 4Q/06            | 1Q/07            |
|---|-------|-------|-------|-------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)   |       |       |       |       | 8.00E-08         | 4.50E-08         | 4.50E-08         | 4.10E-08         |
| URI ( $\Delta$ CDF)   |       |       |       |       | -2.90E-07        | -2.90E-07        | -2.80E-07        | -2.70E-07        |
| PLE   |       |       |       |       | NO               | NO               | NO               | NO               |
| <b>Indicator value</b>                                      |       |       |       |       | <b>-2.10E-07</b> | <b>-2.45E-07</b> | <b>-2.35E-07</b> | <b>-2.29E-07</b> |

Licensee Comments: none

## Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

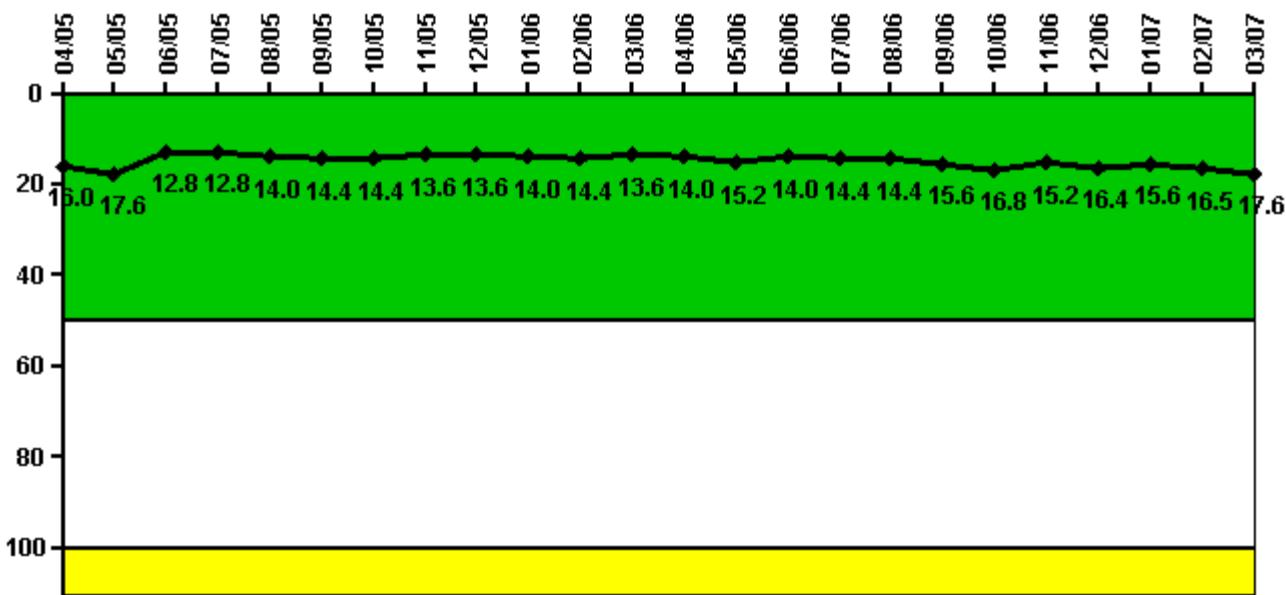
### Notes

| Reactor Coolant System Activity | 4/05       | 5/05       | 6/05       | 7/05       | 8/05       | 9/05       | 10/05      | 11/05      | 12/05      | 1/06       | 2/06       | 3/06       |
|---------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Maximum activity                | 0.000878   | 0.000466   | 0.000958   | 0.001180   | 0.001200   | 0.001230   | 0.000955   | 0.000789   | 0.001060   | 0.001370   | 0.000991   | 0.000511   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| <b>Indicator value</b>          | <b>0.4</b> | <b>0.2</b> | <b>0.5</b> | <b>0.6</b> | <b>0.6</b> | <b>0.6</b> | <b>0.5</b> | <b>0.4</b> | <b>0.5</b> | <b>0.7</b> | <b>0.5</b> | <b>0.3</b> |
| Reactor Coolant System Activity | 4/06       | 5/06       | 6/06       | 7/06       | 8/06       | 9/06       | 10/06      | 11/06      | 12/06      | 1/07       | 2/07       | 3/07       |
| Maximum activity                | 0.000406   | 0.000301   | 0.000282   | 0.000362   | 0.000345   | 0.000343   | 0.000348   | 0.000365   | 0.000381   | 0.000396   | 0.000402   | 0.000517   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| <b>Indicator value</b>          | <b>0.2</b> | <b>0.2</b> | <b>0.1</b> | <b>0.2</b> | <b>0.3</b> |

Licensee Comments: none

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## Reactor Coolant System Leakage



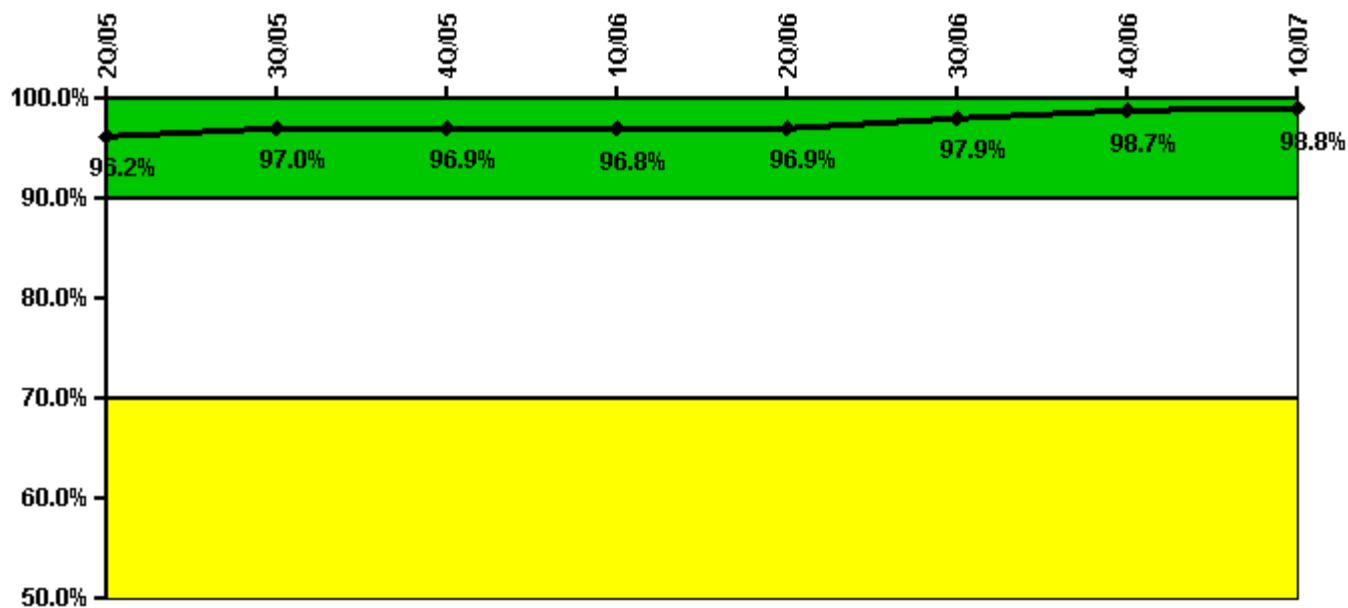
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Leakage | 4/05        | 5/05        | 6/05        | 7/05        | 8/05        | 9/05        | 10/05       | 11/05       | 12/05       | 1/06        | 2/06        | 3/06        |
|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Maximum leakage                | 4.000       | 4.400       | 3.200       | 3.200       | 3.500       | 3.600       | 3.600       | 3.400       | 3.400       | 3.500       | 3.600       | 3.400       |
| Indicator value                | <b>16.0</b> | <b>17.6</b> | <b>12.8</b> | <b>12.8</b> | <b>14.0</b> | <b>14.4</b> | <b>14.4</b> | <b>13.6</b> | <b>13.6</b> | <b>14.0</b> | <b>14.4</b> | <b>13.6</b> |
| Reactor Coolant System Leakage | 4/06        | 5/06        | 6/06        | 7/06        | 8/06        | 9/06        | 10/06       | 11/06       | 12/06       | 1/07        | 2/07        | 3/07        |
| Maximum leakage                | 3.500       | 3.800       | 3.500       | 3.600       | 3.600       | 3.900       | 4.200       | 3.800       | 4.100       | 3.900       | 4.120       | 4.400       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| Indicator value                | <b>14.0</b> | <b>15.2</b> | <b>14.0</b> | <b>14.4</b> | <b>14.4</b> | <b>15.6</b> | <b>16.8</b> | <b>15.2</b> | <b>16.4</b> | <b>15.6</b> | <b>16.5</b> | <b>17.6</b> |

Licensee Comments: none

## Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

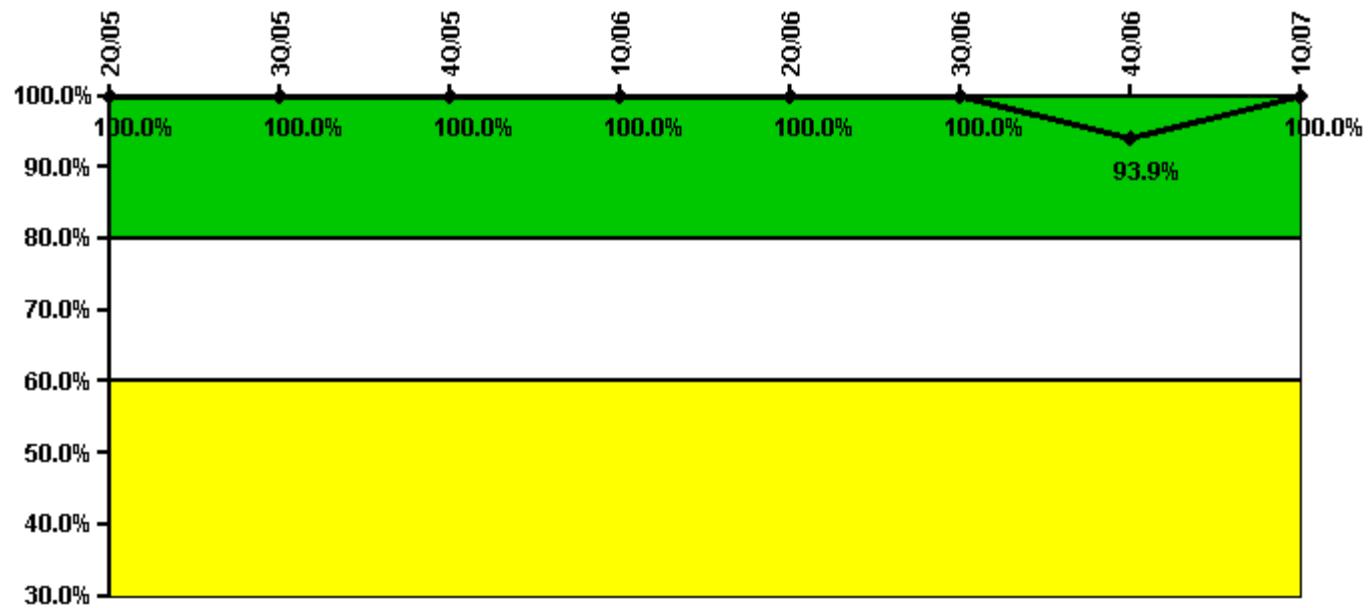
### Notes

| Drill/Exercise Performance | 2Q/05        | 3Q/05        | 4Q/05        | 1Q/06        | 2Q/06        | 3Q/06        | 4Q/06        | 1Q/07        |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful opportunities   | 56.0         | 61.0         | 59.0         | 18.0         | 41.0         | 30.0         | 42.0         | 26.0         |
| Total opportunities        | 56.0         | 62.0         | 60.0         | 18.0         | 42.0         | 30.0         | 43.0         | 26.0         |
| <b>Indicator value</b>     | <b>96.2%</b> | <b>97.0%</b> | <b>96.9%</b> | <b>96.8%</b> | <b>96.9%</b> | <b>97.9%</b> | <b>98.7%</b> | <b>98.8%</b> |

Licensee Comments: none

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## ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

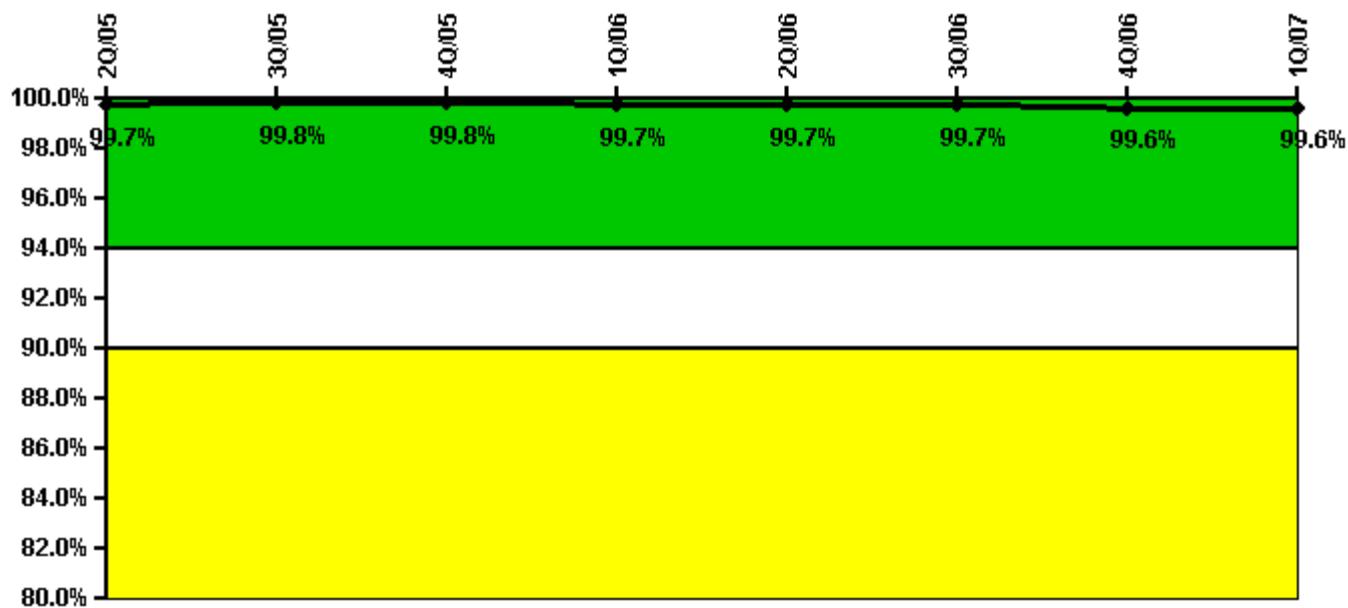
### Notes

| ERO Drill Participation     | 2Q/05  | 3Q/05  | 4Q/05  | 1Q/06  | 2Q/06  | 3Q/06  | 4Q/06 | 1Q/07  |
|-----------------------------|--------|--------|--------|--------|--------|--------|-------|--------|
| Participating Key personnel | 62.0   | 59.0   | 61.0   | 63.0   | 63.0   | 60.0   | 62.0  | 62.0   |
| Total Key personnel         | 62.0   | 59.0   | 61.0   | 63.0   | 63.0   | 60.0   | 66.0  | 62.0   |
| Indicator value             | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 93.9% | 100.0% |

Licensee Comments: none

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## Alert & Notification System



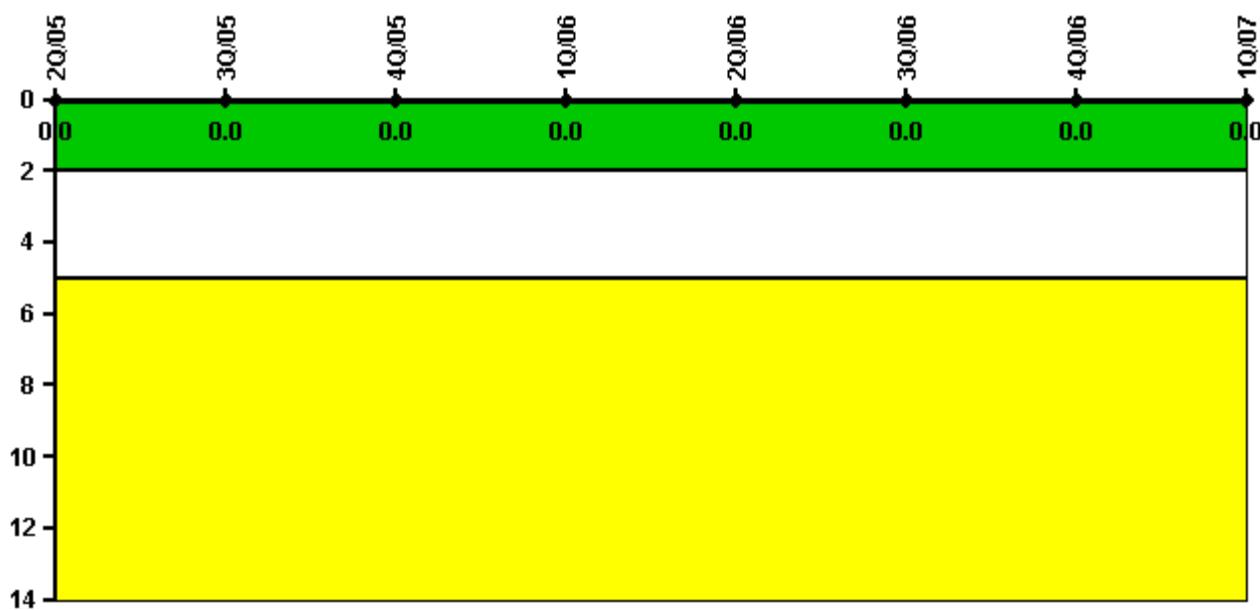
Thresholds: White < 94.0% Yellow < 90.0%

### Notes

| Alert & Notification System | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests      | 3195  | 3185  | 3196  | 3241  | 3191  | 3189  | 3131  | 3188  |
| Total sirens-tests          | 3200  | 3200  | 3200  | 3250  | 3200  | 3200  | 3150  | 3197  |
| Indicator value             | 99.7% | 99.8% | 99.8% | 99.7% | 99.7% | 99.7% | 99.6% | 99.6% |

Licensee Comments: none

## Occupational Exposure Control Effectiveness



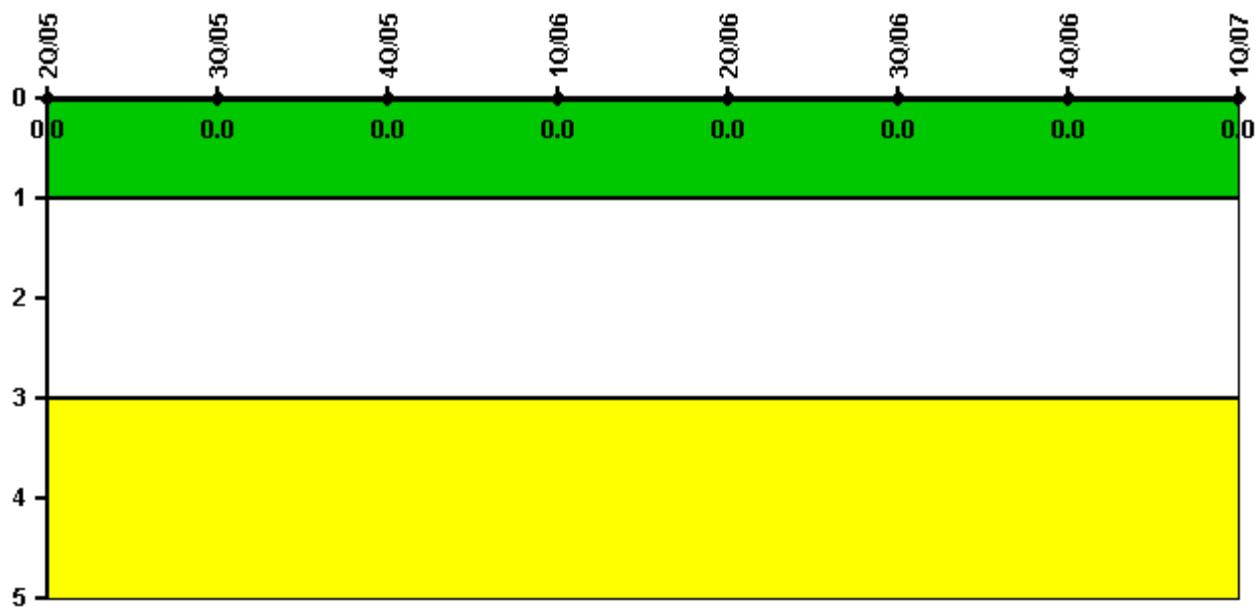
Thresholds: White > 2.0 Yellow > 5.0

### Notes

| Occupational Exposure Control Effectiveness | 2Q/05    | 3Q/05    | 4Q/05    | 1Q/06    | 2Q/06    | 3Q/06    | 4Q/06    | 1Q/07    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>0</b> |

Licensee Comments: none

## RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

### Notes

| RETS/ODCM Radiological Effluent | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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[Physical Protection](#) information not publicly available.

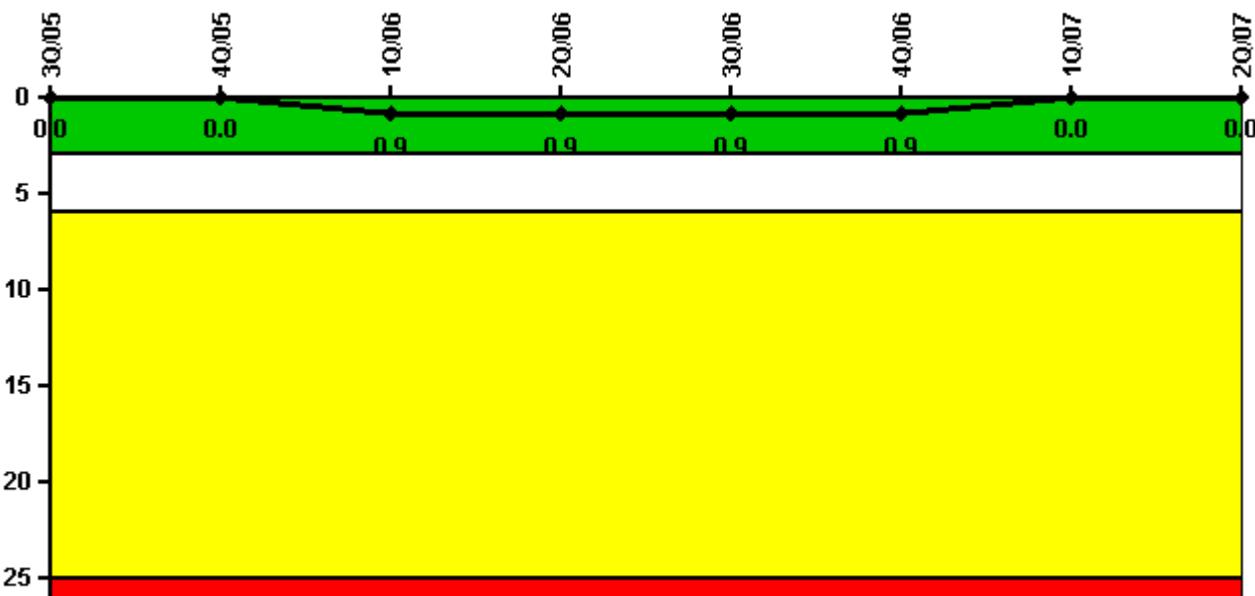
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# La Salle 1

## 2Q/2007 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

| Unplanned Scrams per 7000 Critical Hrs | 3Q/05  | 4Q/05  | 1Q/06  | 2Q/06  | 3Q/06  | 4Q/06  | 1Q/07  | 2Q/07  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 0      | 1.0    | 0      | 0      | 0      | 0      | 0      |
| Critical hours                         | 2208.0 | 2209.0 | 1549.1 | 2183.0 | 2208.0 | 2209.0 | 2159.0 | 2184.0 |
| Indicator value                        | 0      | 0      | 0.9    | 0.9    | 0.9    | 0.9    | 0      | 0      |

Licensee Comments: none

## Scrams with Loss of Normal Heat Removal



Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

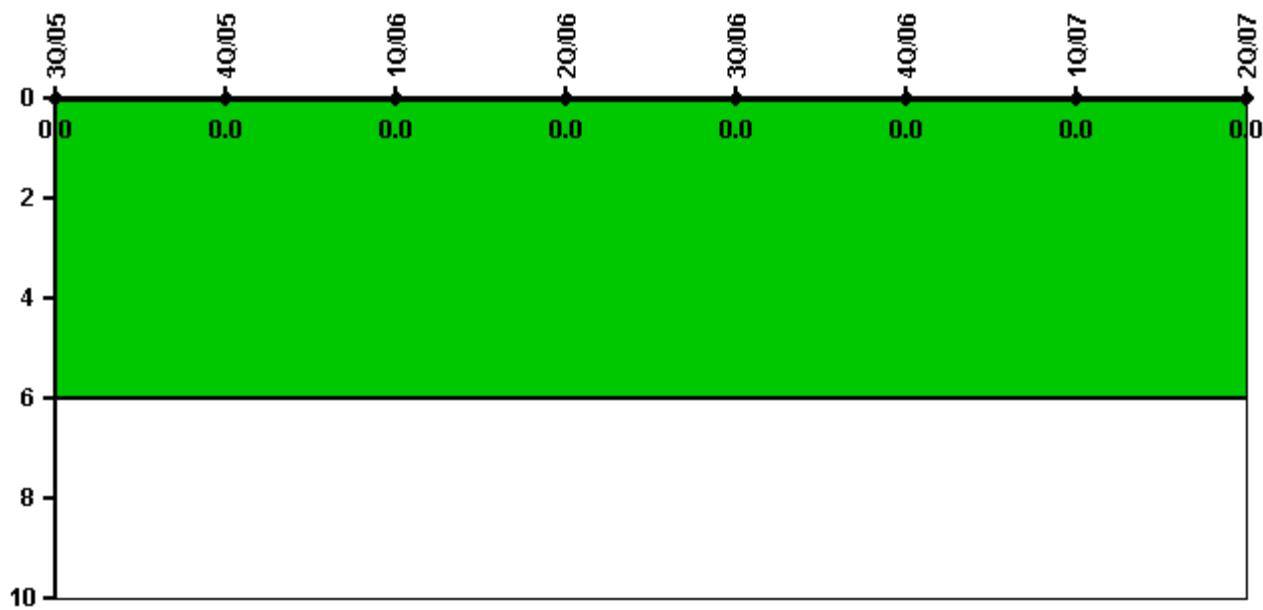
### Notes

| Scrams with Loss of Normal Heat Removal | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams                                  | 0     | 0     | 1.0   | 0     | 0     | 0     | 0     | 0     |
| Indicator value                         | 0     | 0     | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   |

Licensee Comments: none

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## Unplanned Power Changes per 7000 Critical Hrs



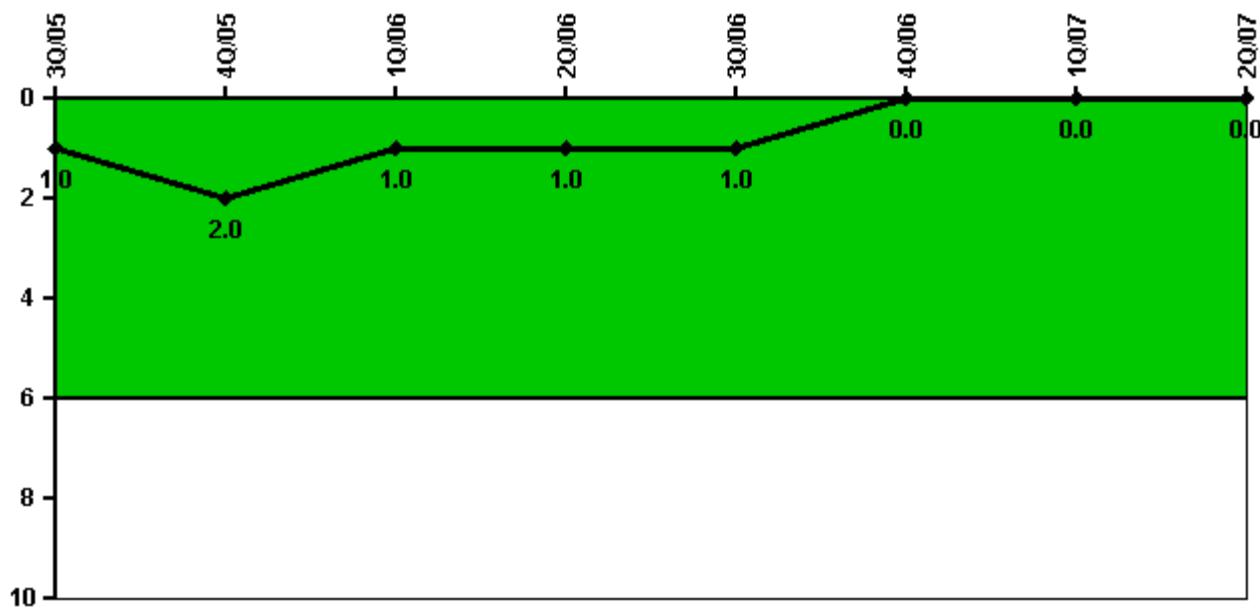
Thresholds: White > 6.0

### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 3Q/05    | 4Q/05    | 1Q/06    | 2Q/06    | 3Q/06    | 4Q/06    | 1Q/07    | 2Q/07    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Unplanned power changes                       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Critical hours                                | 2208.0   | 2209.0   | 1549.1   | 2183.0   | 2208.0   | 2209.0   | 2159.0   | 2184.0   |
| Indicator value                               | <b>0</b> |

Licensee Comments: none

## Safety System Functional Failures (BWR)



Thresholds: White > 6.0

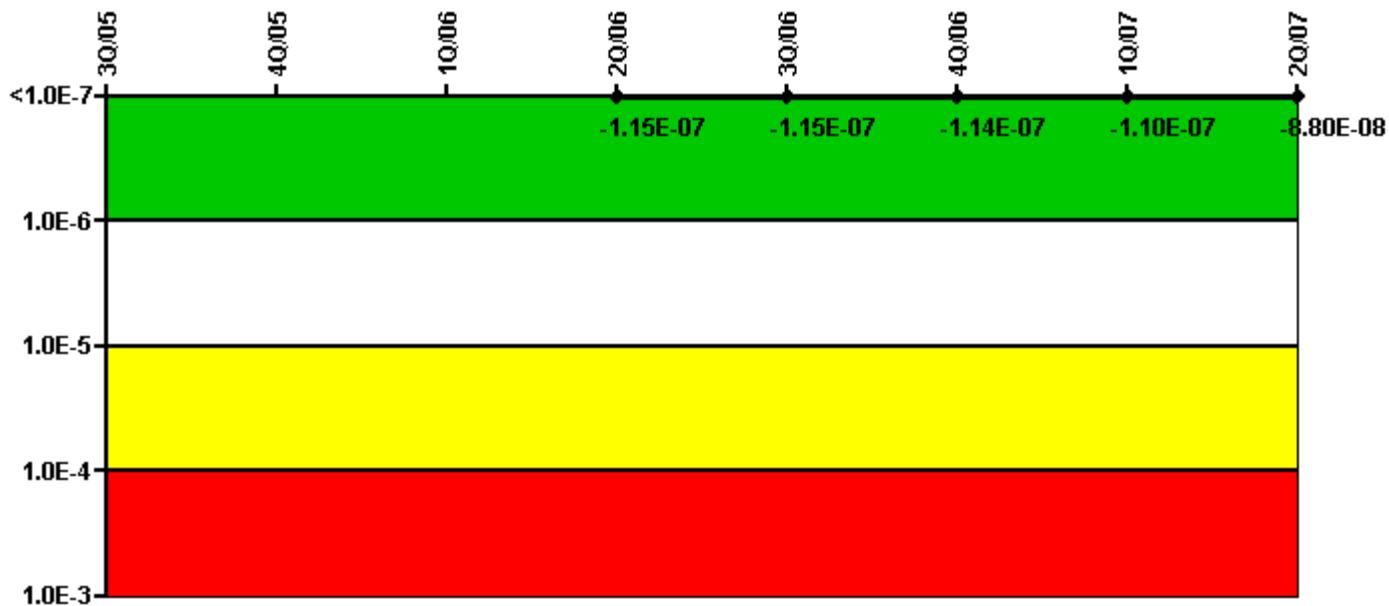
### Notes

| Safety System Functional Failures (BWR) | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures       | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                         | 1     | 2     | 1     | 1     | 1     | 0     | 0     | 0     |

Licensee Comments: none

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## Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

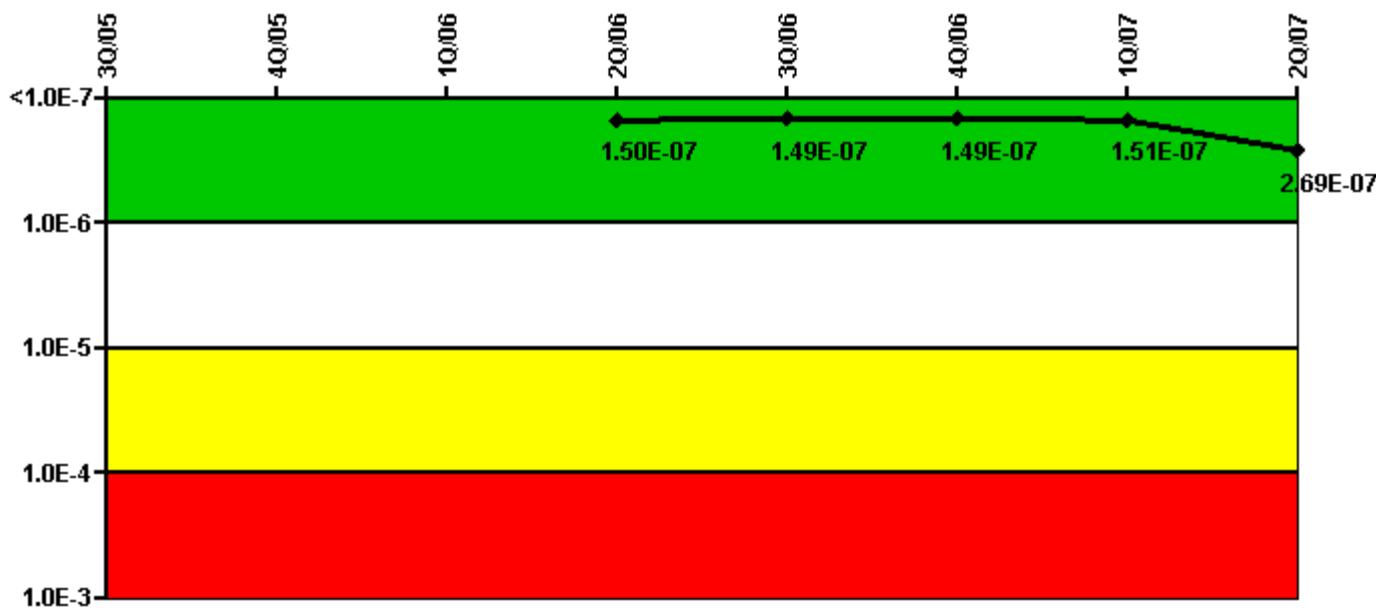
### Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06            | 3Q/06            | 4Q/06            | 1Q/07            | 2Q/07            |
|---|-------|-------|-------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)   |       |       |       | -1.50E-08        | -1.50E-08        | -1.50E-08        | -1.50E-08        | -1.00E-08        |
| URI ( $\Delta$ CDF)   |       |       |       | -1.00E-07        | -1.00E-07        | -9.90E-08        | -9.50E-08        | -7.80E-08        |
| PLE   |       |       |       | NO               | NO               | NO               | NO               | NO               |
| <b>Indicator value</b>  |       |       |       | <b>-1.15E-07</b> | <b>-1.15E-07</b> | <b>-1.14E-07</b> | <b>-1.10E-07</b> | <b>-8.80E-08</b> |

Licensee Comments:

2Q/07: Changed PRA Parameter(s). A new PRA model (Model 2006A) was approved and implemented in the 1st quarter 2007. PRA parameters were updated to reflect the new model in the 2nd quarter 2007, in accordance with FAQ 419.

## Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

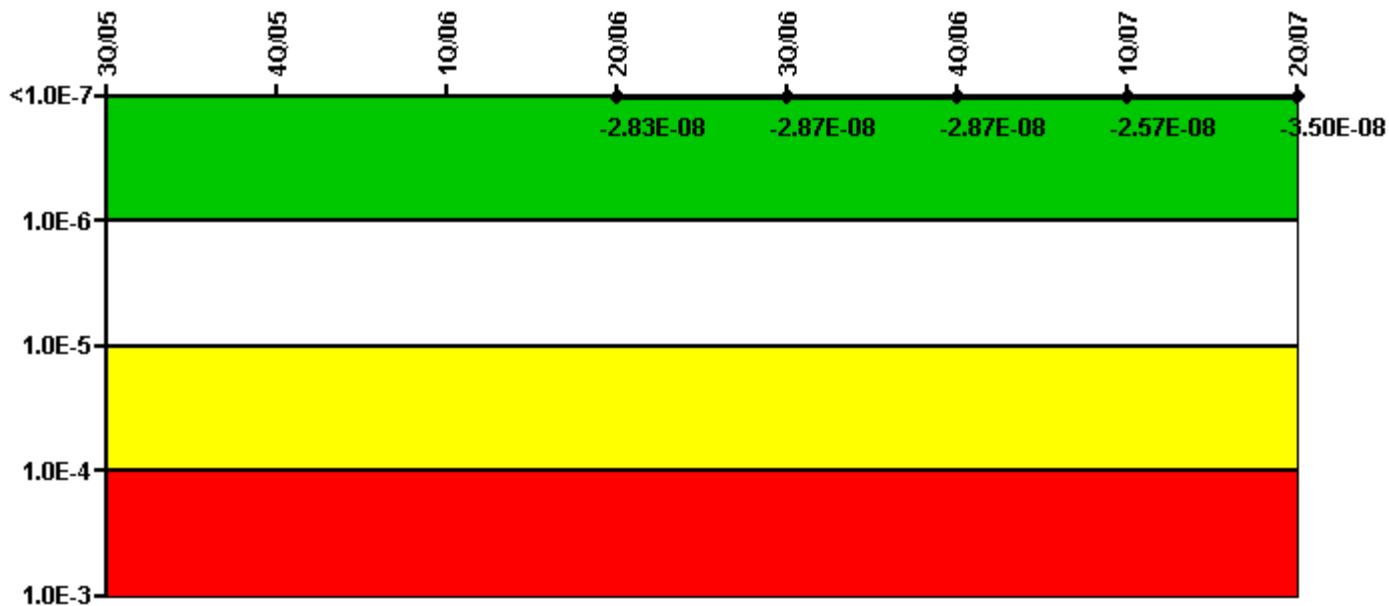
### Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06           | 3Q/06           | 4Q/06           | 1Q/07           | 2Q/07           |
|--|-------|-------|-------|-----------------|-----------------|-----------------|-----------------|-----------------|
| UAI ( $\Delta$ CDF)  |       |       |       | 1.00E-07        | 1.00E-07        | 1.00E-07        | 9.80E-08        | 8.90E-08        |
| URI ( $\Delta$ CDF)  |       |       |       | 5.00E-08        | 4.90E-08        | 4.90E-08        | 5.30E-08        | 1.80E-07        |
| PLE  |       |       |       | NO              | NO              | NO              | NO              | NO              |
| <b>Indicator value</b>   |       |       |       | <b>1.50E-07</b> | <b>1.49E-07</b> | <b>1.49E-07</b> | <b>1.51E-07</b> | <b>2.69E-07</b> |

### Licensee Comments:

2Q/07: Changed PRA Parameter(s). A new PRA model (Model 2006A) was approved and implemented in the 1st quarter 2007. PRA parameters were updated to reflect the new model in the 2nd quarter 2007, in accordance with FAQ 419.

## Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

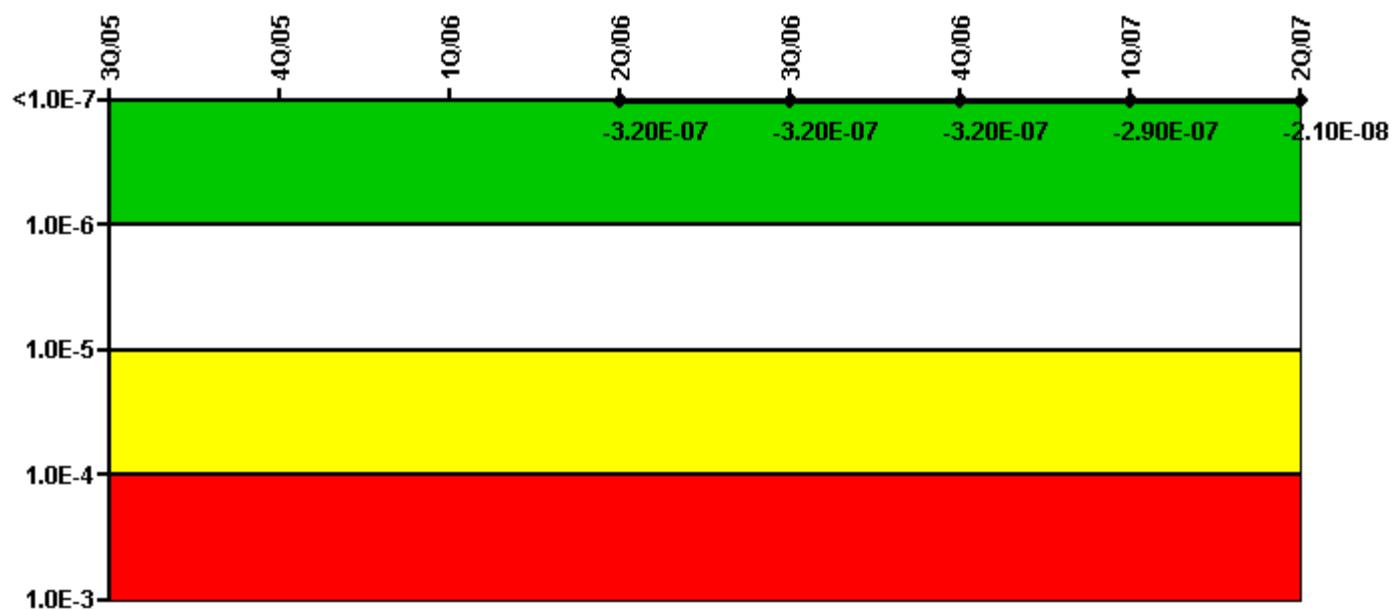
| Mitigating Systems Performance Index, Heat Removal System | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06     | 3Q/06     | 4Q/06     | 1Q/07     | 2Q/07     |
|---|-------|-------|-------|-----------|-----------|-----------|-----------|-----------|
| UAI ( $\Delta$ CDF)                                       |       |       |       | -9.30E-09 | -9.70E-09 | -9.70E-09 | -9.70E-09 | -1.40E-08 |
| URI ( $\Delta$ CDF)                                       |       |       |       | -1.90E-08 | -1.90E-08 | -1.90E-08 | -1.60E-08 | -2.10E-08 |
| PLE   |       |       |       | NO        | NO        | NO        | NO        | NO        |
| Indicator value   |       |       |       | -2.83E-08 | -2.87E-08 | -2.87E-08 | -2.57E-08 | -3.50E-08 |

### Licensee Comments:

2Q/07: Changed PRA Parameter(s). A new PRA model (Model 2006A) was approved and implemented in the 1st quarter 2007. PRA parameters were updated to reflect the new model in the 2nd quarter 2007, in accordance with FAQ 419.

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## Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

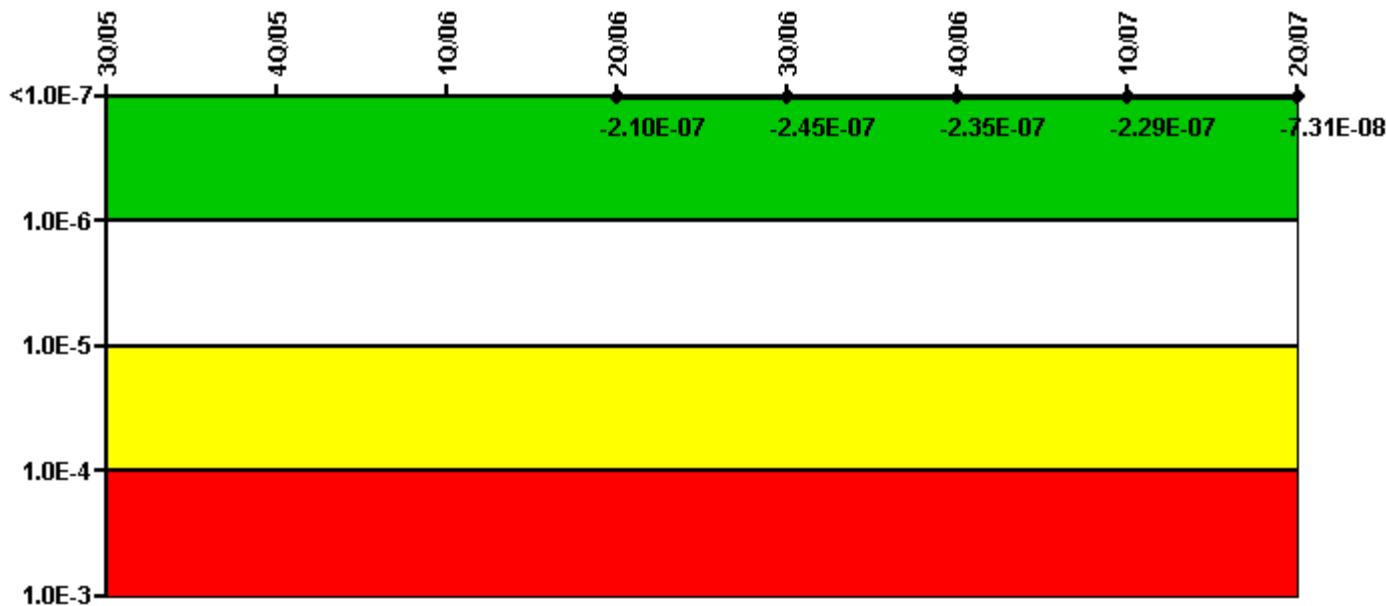
### Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06     | 3Q/06     | 4Q/06     | 1Q/07     | 2Q/07     |
|--|-------|-------|-------|-----------|-----------|-----------|-----------|-----------|
| UAI ( $\Delta$ CDF)  |       |       |       | -1.30E-07 | -1.30E-07 | -1.30E-07 | -1.30E-07 | -8.00E-09 |
| URI ( $\Delta$ CDF)  |       |       |       | -1.90E-07 | -1.90E-07 | -1.90E-07 | -1.60E-07 | -1.30E-08 |
| PLE  |       |       |       | NO        | NO        | NO        | NO        | NO        |
| Indicator value  |       |       |       | -3.20E-07 | -3.20E-07 | -3.20E-07 | -2.90E-07 | -2.10E-08 |

Licensee Comments:

2Q/07: Changed PRA Parameter(s). A new PRA model (Model 2006A) was approved and implemented in the 1st quarter 2007. PRA parameters were updated to reflect the new model in the 2nd quarter 2007, in accordance with FAQ 419.

## Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

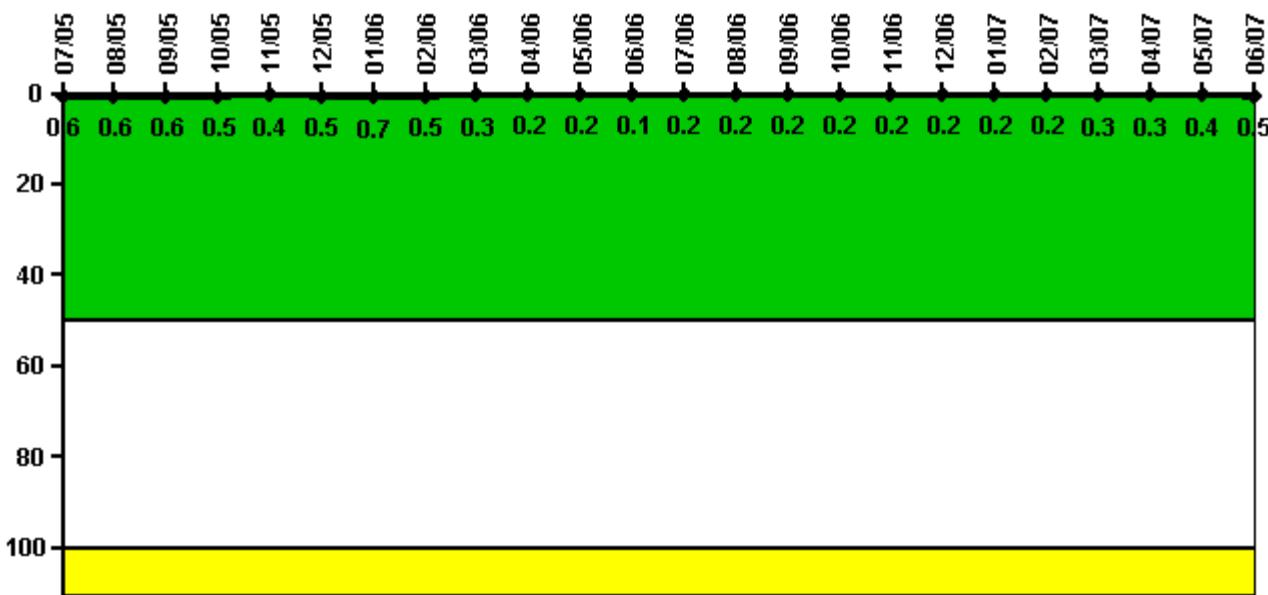
### Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06            | 3Q/06            | 4Q/06            | 1Q/07            | 2Q/07            |
|---|-------|-------|-------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)   |       |       |       | 8.00E-08         | 4.50E-08         | 4.50E-08         | 4.10E-08         | -1.10E-10        |
| URI ( $\Delta$ CDF)   |       |       |       | -2.90E-07        | -2.90E-07        | -2.80E-07        | -2.70E-07        | -7.30E-08        |
| PLE   |       |       |       | NO               | NO               | NO               | NO               | NO               |
| <b>Indicator value</b>                                      |       |       |       | <b>-2.10E-07</b> | <b>-2.45E-07</b> | <b>-2.35E-07</b> | <b>-2.29E-07</b> | <b>-7.31E-08</b> |

Licensee Comments:

2Q/07: Changed PRA Parameter(s). A new PRA model (Model 2006A) was approved and implemented in the 1st quarter 2007. PRA parameters were updated to reflect the new model in the 2nd quarter 2007, in accordance with FAQ 419.

## Reactor Coolant System Activity



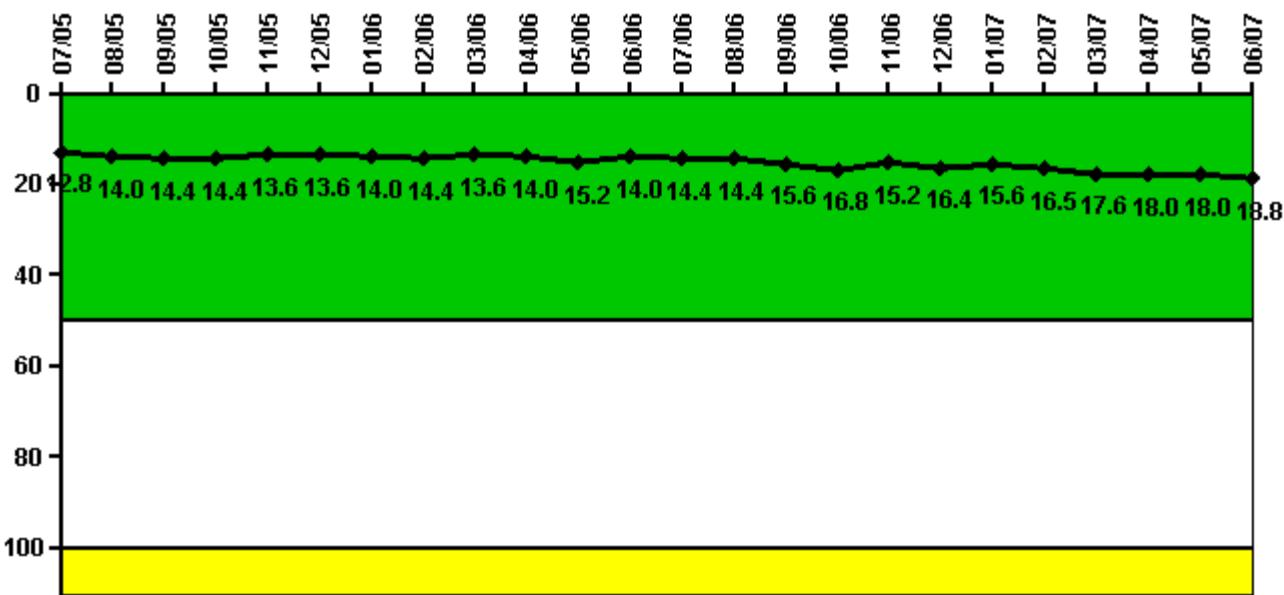
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Activity | 7/05       | 8/05       | 9/05       | 10/05      | 11/05      | 12/05      | 1/06       | 2/06       | 3/06       | 4/06       | 5/06       | 6/06       |
|---------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Maximum activity                | 0.001180   | 0.001200   | 0.001230   | 0.000955   | 0.000789   | 0.001060   | 0.001370   | 0.000991   | 0.000511   | 0.000406   | 0.000301   | 0.000282   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| Indicator value                 | <b>0.6</b> | <b>0.6</b> | <b>0.6</b> | <b>0.5</b> | <b>0.4</b> | <b>0.5</b> | <b>0.7</b> | <b>0.5</b> | <b>0.3</b> | <b>0.2</b> | <b>0.2</b> | <b>0.1</b> |
| Reactor Coolant System Activity | 7/06       | 8/06       | 9/06       | 10/06      | 11/06      | 12/06      | 1/07       | 2/07       | 3/07       | 4/07       | 5/07       | 6/07       |
| Maximum activity                | 0.000362   | 0.000345   | 0.000343   | 0.000348   | 0.000365   | 0.000381   | 0.000396   | 0.000402   | 0.000517   | 0.000593   | 0.000744   | 0.000973   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| Indicator value                 | <b>0.2</b> | <b>0.3</b> | <b>0.3</b> | <b>0.4</b> | <b>0.5</b> |

Licensee Comments: none

## Reactor Coolant System Leakage



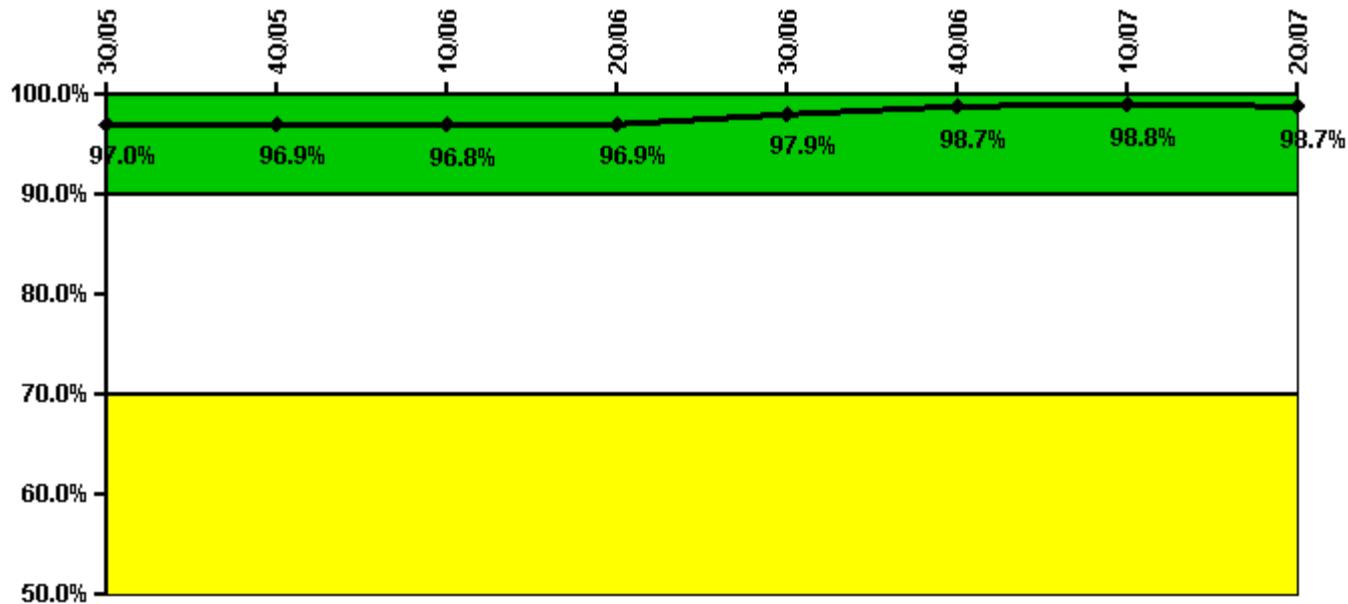
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Leakage | 7/05        | 8/05        | 9/05        | 10/05       | 11/05       | 12/05       | 1/06        | 2/06        | 3/06        | 4/06        | 5/06        | 6/06        |
|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Maximum leakage                | 3.200       | 3.500       | 3.600       | 3.600       | 3.400       | 3.400       | 3.500       | 3.600       | 3.400       | 3.500       | 3.800       | 3.500       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| <b>Indicator value</b>         | <b>12.8</b> | <b>14.0</b> | <b>14.4</b> | <b>14.4</b> | <b>13.6</b> | <b>13.6</b> | <b>14.0</b> | <b>14.4</b> | <b>13.6</b> | <b>14.0</b> | <b>15.2</b> | <b>14.0</b> |
| Reactor Coolant System Leakage | 7/06        | 8/06        | 9/06        | 10/06       | 11/06       | 12/06       | 1/07        | 2/07        | 3/07        | 4/07        | 5/07        | 6/07        |
| Maximum leakage                | 3.600       | 3.600       | 3.900       | 4.200       | 3.800       | 4.100       | 3.900       | 4.120       | 4.400       | 4.500       | 4.500       | 4.700       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| <b>Indicator value</b>         | <b>14.4</b> | <b>14.4</b> | <b>15.6</b> | <b>16.8</b> | <b>15.2</b> | <b>16.4</b> | <b>15.6</b> | <b>16.5</b> | <b>17.6</b> | <b>18.0</b> | <b>18.0</b> | <b>18.8</b> |

Licensee Comments: none

## Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

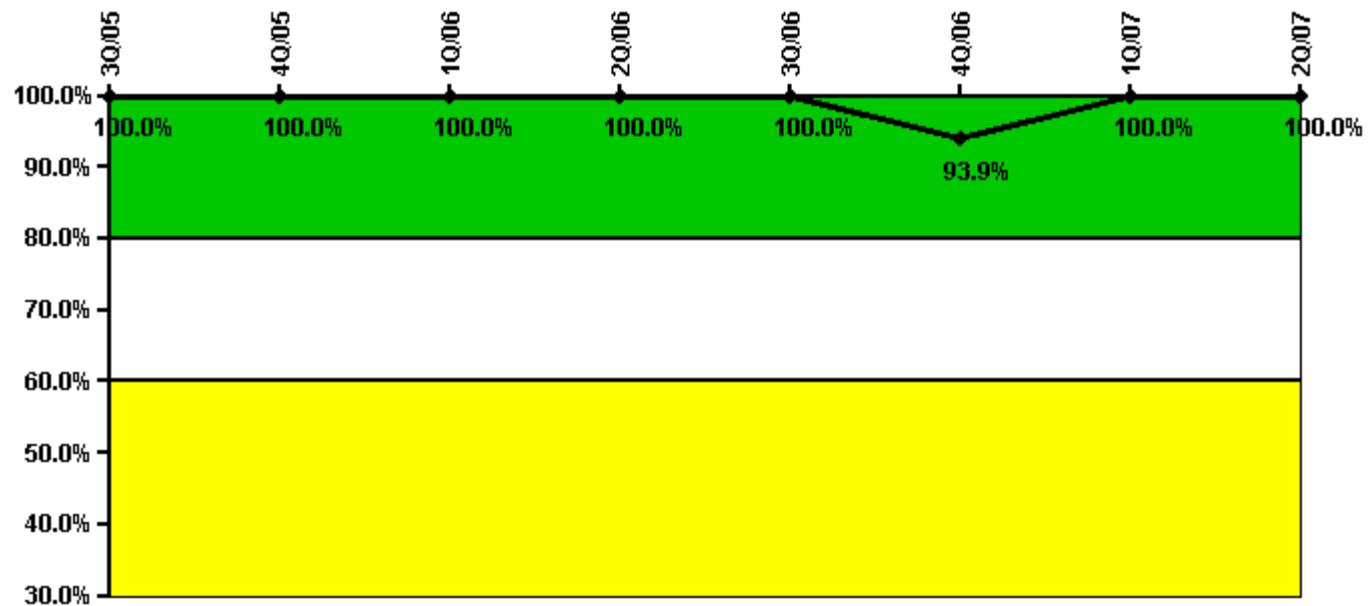
### Notes

| Drill/Exercise Performance | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities   | 61.0  | 59.0  | 18.0  | 41.0  | 30.0  | 42.0  | 26.0  | 28.0  |
| Total opportunities        | 62.0  | 60.0  | 18.0  | 42.0  | 30.0  | 43.0  | 26.0  | 28.0  |
| Indicator value            | 97.0% | 96.9% | 96.8% | 96.9% | 97.9% | 98.7% | 98.8% | 98.7% |

Licensee Comments: none

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## ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

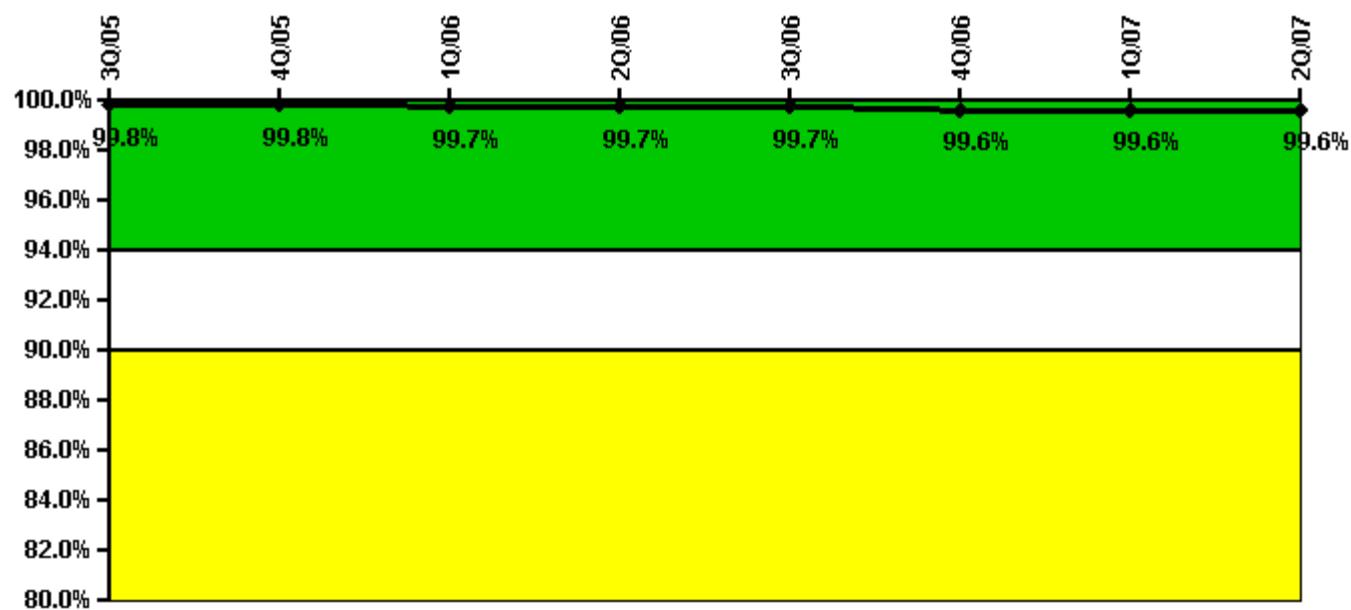
### Notes

| ERO Drill Participation     | 3Q/05  | 4Q/05  | 1Q/06  | 2Q/06  | 3Q/06  | 4Q/06 | 1Q/07  | 2Q/07  |
|-----------------------------|--------|--------|--------|--------|--------|-------|--------|--------|
| Participating Key personnel | 59.0   | 61.0   | 63.0   | 63.0   | 60.0   | 62.0  | 62.0   | 65.0   |
| Total Key personnel         | 59.0   | 61.0   | 63.0   | 63.0   | 60.0   | 66.0  | 62.0   | 65.0   |
| Indicator value             | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 93.9% | 100.0% | 100.0% |

Licensee Comments: none

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## Alert & Notification System



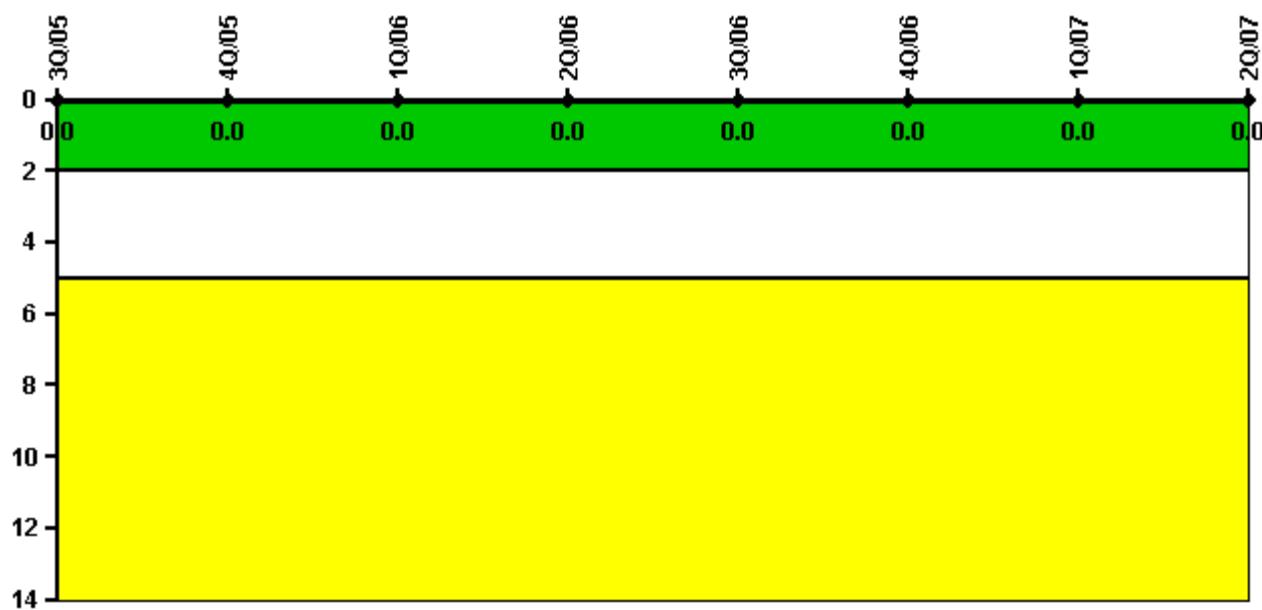
Thresholds: White < 94.0% Yellow < 90.0%

### Notes

| Alert & Notification System | 3Q/05        | 4Q/05        | 1Q/06        | 2Q/06        | 3Q/06        | 4Q/06        | 1Q/07        | 2Q/07        |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests      | 3185         | 3196         | 3241         | 3191         | 3189         | 3131         | 3188         | 3188         |
| Total sirens-tests          | 3200         | 3200         | 3250         | 3200         | 3200         | 3150         | 3197         | 3200         |
| Indicator value             | <b>99.8%</b> | <b>99.8%</b> | <b>99.7%</b> | <b>99.7%</b> | <b>99.7%</b> | <b>99.6%</b> | <b>99.6%</b> | <b>99.6%</b> |

Licensee Comments: none

## Occupational Exposure Control Effectiveness



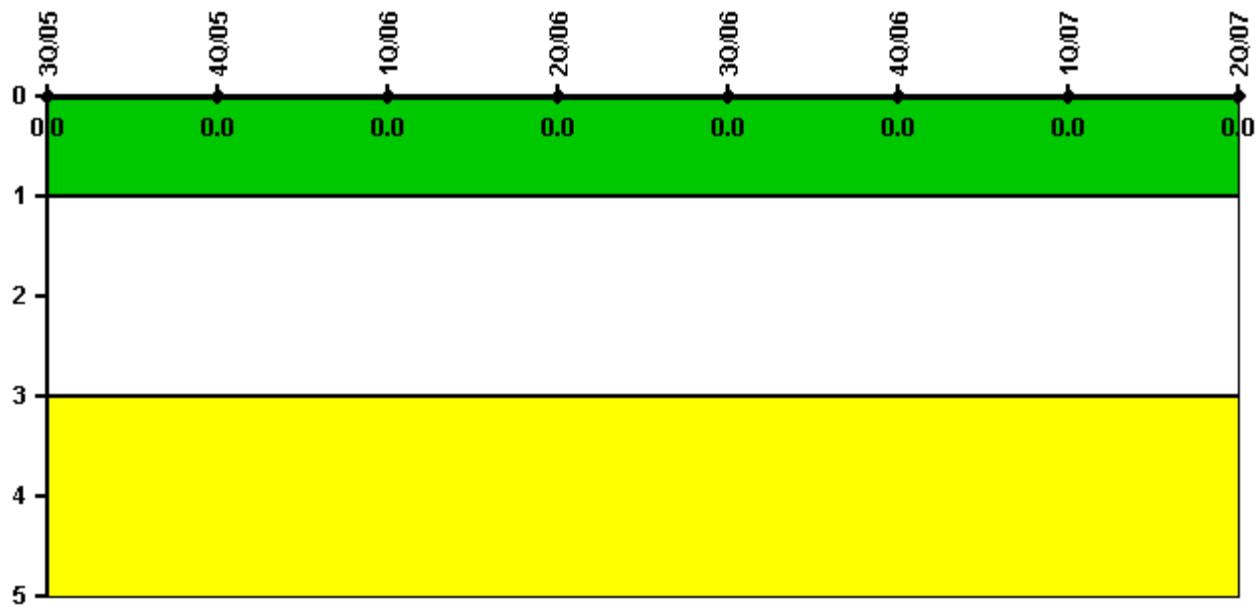
Thresholds: White > 2.0 Yellow > 5.0

### Notes

| Occupational Exposure Control Effectiveness | 3Q/05    | 4Q/05    | 1Q/06    | 2Q/06    | 3Q/06    | 4Q/06    | 1Q/07    | 2Q/07    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>0</b> |

Licensee Comments: none

## RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

### Notes

| RETS/ODCM Radiological Effluent | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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[Physical Protection](#) information not publicly available.

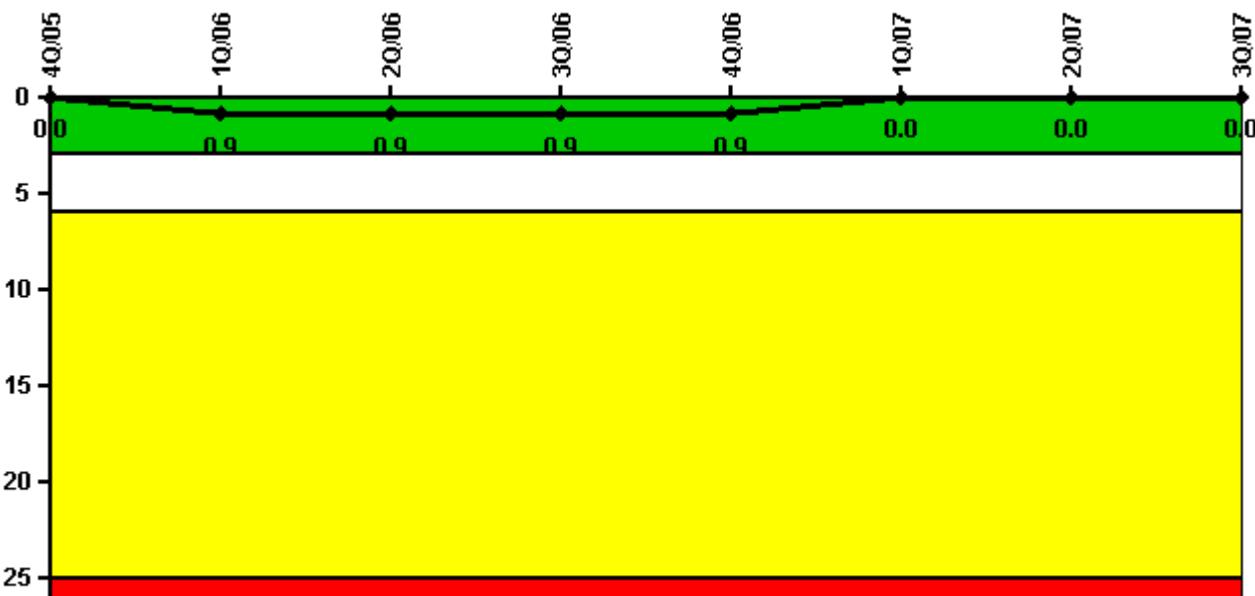
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# La Salle 1

## 3Q/2007 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



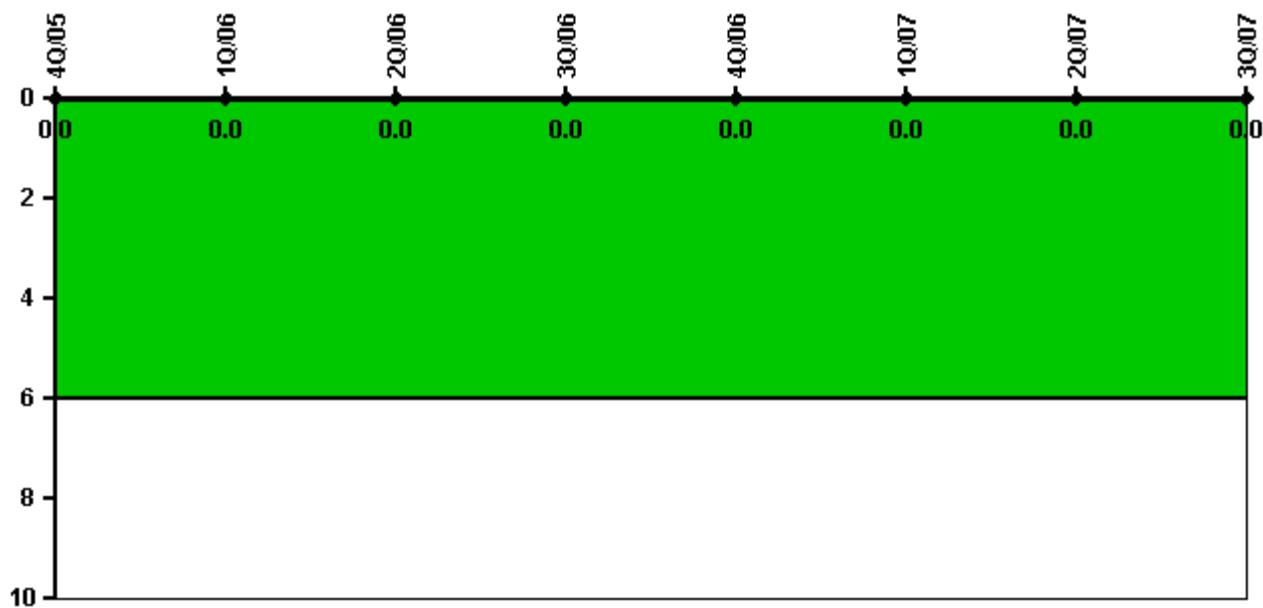
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

| Unplanned Scrams per 7000 Critical Hrs | 4Q/05  | 1Q/06  | 2Q/06  | 3Q/06  | 4Q/06  | 1Q/07  | 2Q/07  | 3Q/07  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 1.0    | 0      | 0      | 0      | 0      | 0      | 0      |
| Critical hours                         | 2209.0 | 1549.1 | 2183.0 | 2208.0 | 2209.0 | 2159.0 | 2184.0 | 2208.0 |
| Indicator value                        | 0      | 0.9    | 0.9    | 0.9    | 0.9    | 0      | 0      | 0      |

Licensee Comments: none

## Unplanned Power Changes per 7000 Critical Hrs



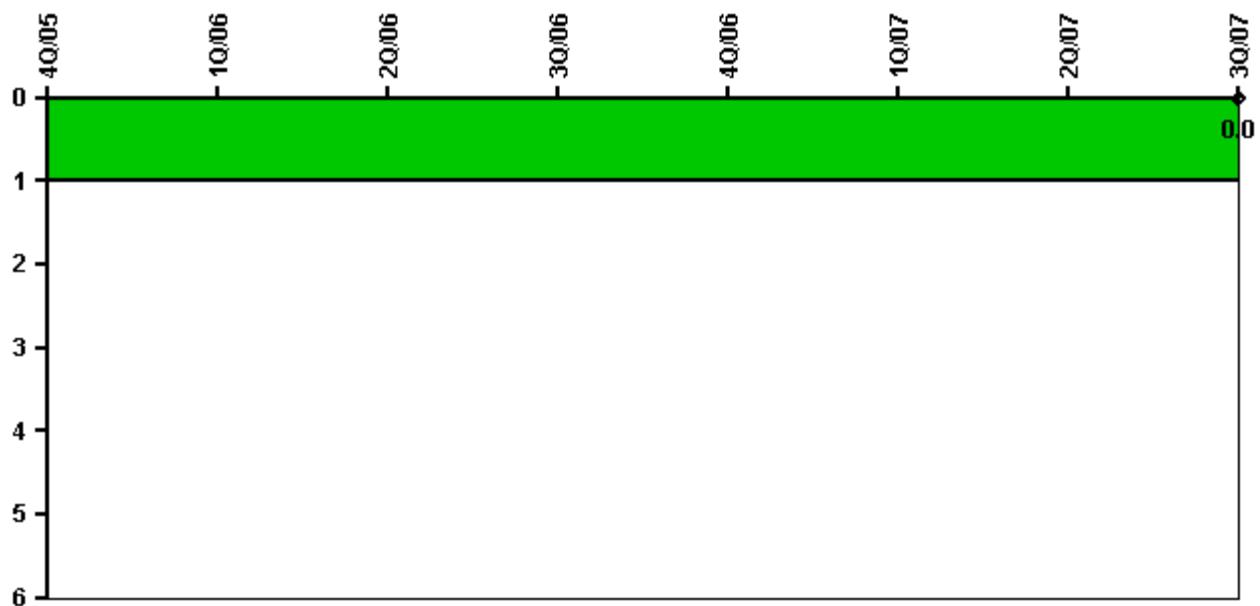
Thresholds: White > 6.0

### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 4Q/05    | 1Q/06    | 2Q/06    | 3Q/06    | 4Q/06    | 1Q/07    | 2Q/07    | 3Q/07    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Unplanned power changes                       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Critical hours                                | 2209.0   | 1549.1   | 2183.0   | 2208.0   | 2209.0   | 2159.0   | 2184.0   | 2208.0   |
| Indicator value                               | <b>0</b> |

Licensee Comments: none

## Unplanned Scrams with Complications



Thresholds: White > 1.0

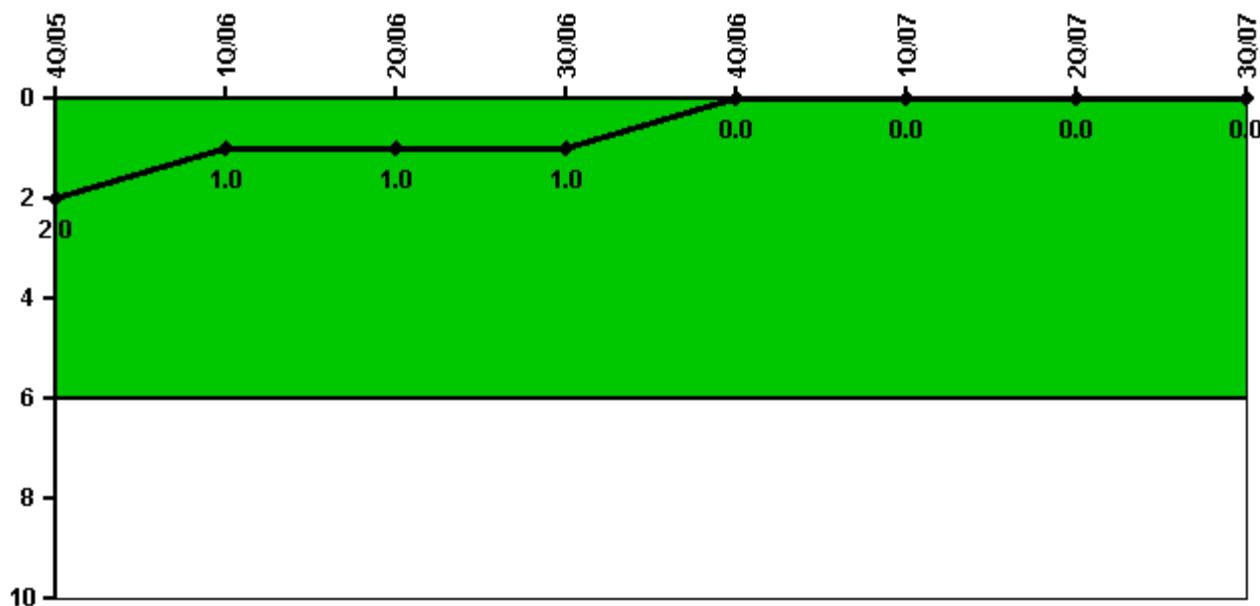
### Notes

| Unplanned Scrams with Complications | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07      |
|-------------------------------------|-------|-------|-------|-------|-------|-------|-------|------------|
| Scrams with complications           |       |       |       |       | 0     | 0     | 0     | 0          |
|                                     |       |       |       |       |       |       |       |            |
|                                     |       |       |       |       |       |       |       |            |
| Indicator value                     |       |       |       |       |       |       |       | <b>0.0</b> |

Licensee Comments: none

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## Safety System Functional Failures (BWR)



Thresholds: White > 6.0

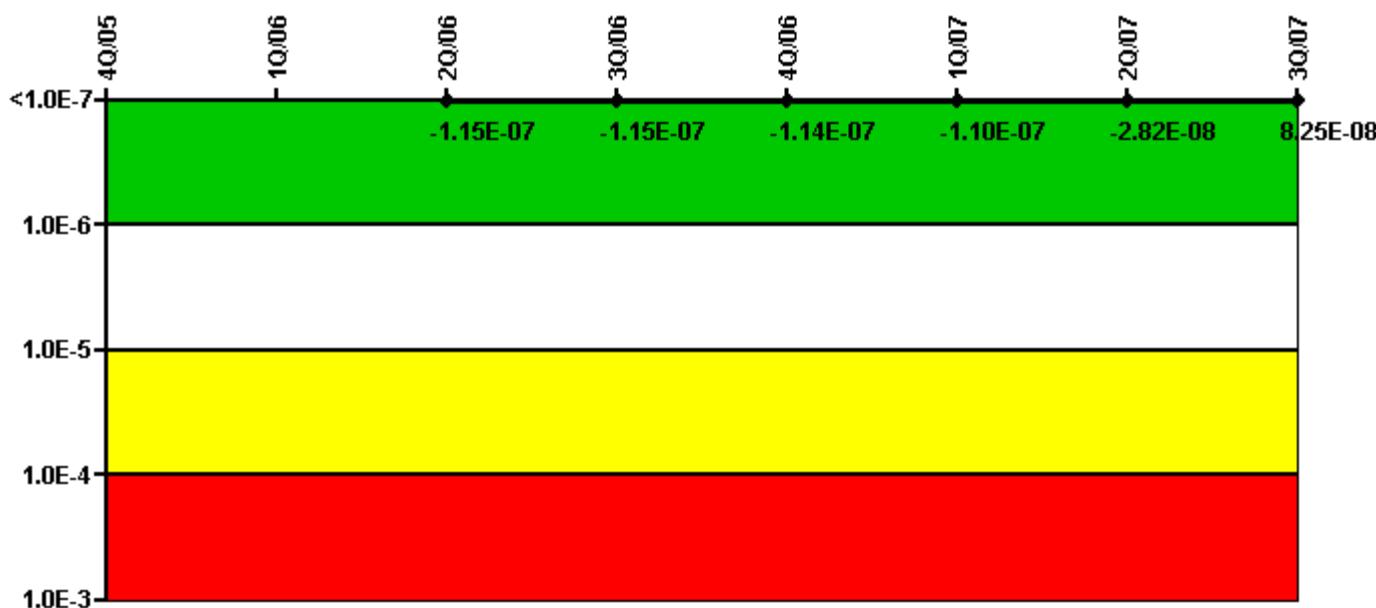
### Notes

| Safety System Functional Failures (BWR) | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures       | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                         | 2     | 1     | 1     | 1     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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## Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

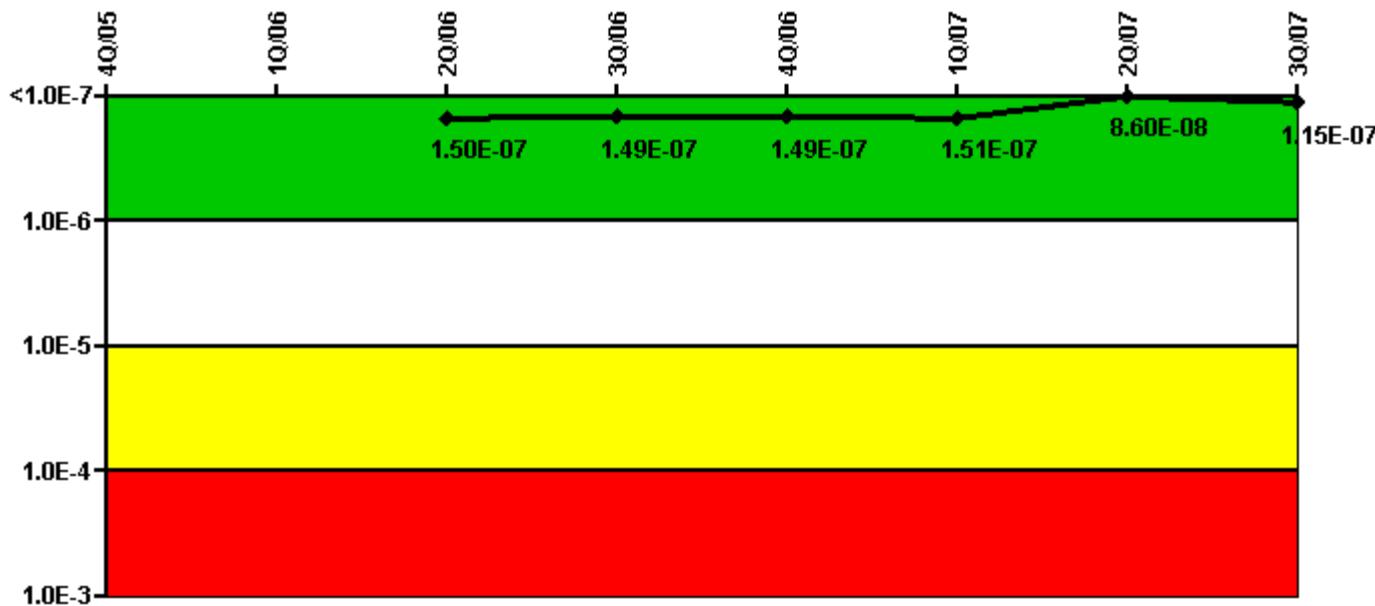
| Mitigating Systems Performance Index, Emergency AC Power System | 4Q/05 | 1Q/06 | 2Q/06     | 3Q/06     | 4Q/06     | 1Q/07     | 2Q/07     | 3Q/07     |
|---|-------|-------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (ΔCDF)  |       |       | -1.50E-08 | -1.50E-08 | -1.50E-08 | -1.50E-08 | -3.20E-09 | -3.50E-09 |
| URI (ΔCDF)  |       |       | -1.00E-07 | -1.00E-07 | -9.90E-08 | -9.50E-08 | -2.50E-08 | 8.60E-08  |
| PLE   |       |       | NO        | NO        | NO        | NO        | NO        | NO        |
| Indicator value   |       |       | -1.15E-07 | -1.15E-07 | -1.14E-07 | -1.10E-07 | -2.82E-08 | 8.25E-08  |

### Licensee Comments:

3Q/07: Changed PRA Parameter(s). During the 3rd quarter 2007, an error was discovered in the PRA model of record (2006B). Because the error was non-conservative, it was decided to rescind 2006B and re-instate the last PRA model that did not contain the error (2003A). Because this was at variance with NEI 99-02 guidance, FAQ #74.0 was submitted to review this decision. The FAQ was reviewed by the ROP task force and it was determined that the correct course was to use the 2006B model regardless of the error for the 3rd quarter 2007 PI submittal. The data submittal reflects the 2006B PRA model. This issue has been entered into the corrective action program. No MSPI thresholds were crossed using either model, and all indicators remain Green.

2Q/07: Changed PRA Parameter(s). A new PRA model (2006A) was approved and implemented in the 1st quarter 2007. PRA coefficients were updated to reflect the new model in the 2nd quarter 2007, in accordance with FAQ 419. During this update, the values for Core Damage Frequency (CDF) were inadvertently not revised. This was discovered during the 3rd quarter 2007, and the 2nd quarter 2007 CDF values were corrected. There was no change in color for any MSPI indicator. This issue has been entered into the corrective action program.

# Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

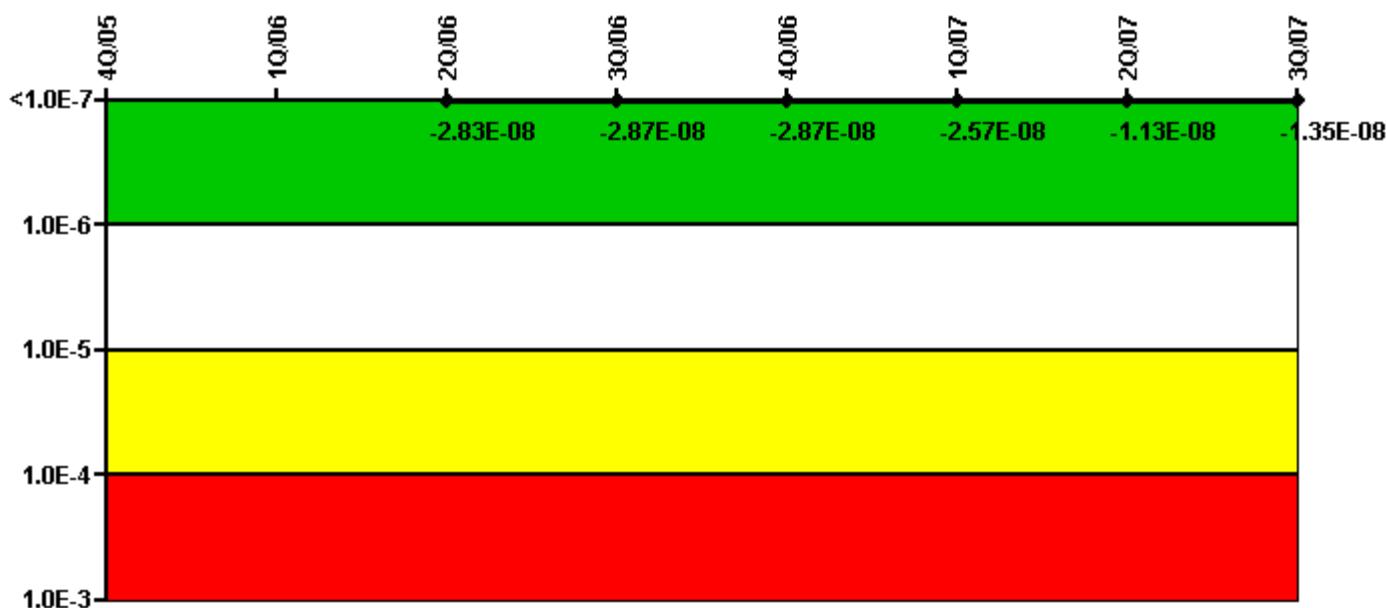
| Mitigating Systems Performance Index, High Pressure Injection System | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06    | 4Q/06    | 1Q/07    | 2Q/07    | 3Q/07    |          |
|--|-------|-------|-------|----------|----------|----------|----------|----------|----------|
| UAI (ΔCDF)   |       |       |       | 1.00E-07 | 1.00E-07 | 1.00E-07 | 9.80E-08 | 2.80E-08 | 3.80E-08 |
| URI (ΔCDF)   |       |       |       | 5.00E-08 | 4.90E-08 | 4.90E-08 | 5.30E-08 | 5.80E-08 | 7.70E-08 |
| PLE  |       |       |       | NO       | NO       | NO       | NO       | NO       | NO       |
|  |       |       |       |          |          |          |          |          |          |
| Indicator value  |       |       |       | 1.50E-07 | 1.49E-07 | 1.49E-07 | 1.51E-07 | 8.60E-08 | 1.15E-07 |

## Licensee Comments:

3Q/07: Changed PRA Parameter(s). During the 3rd quarter 2007, an error was discovered in the PRA model of record (2006B). Because the error was non-conservative, it was decided to rescind 2006B and re-instate the last PRA model that did not contain the error (2003A). Because this was at variance with NEI 99-02 guidance, FAQ #74.0 was submitted to review this decision. The FAQ was reviewed by the ROP task force and it was determined that the correct course was to use the 2006B model regardless of the error for the 3rd quarter 2007 PI submittal. The data submittal reflects the 2006B PRA model. This issue has been entered into the corrective action program. No MSPI thresholds were crossed using either model, and all indicators remain Green.

2Q/07: Changed PRA Parameter(s). A new PRA model (2006A) was approved and implemented in the 1st quarter 2007. PRA coefficients were updated to reflect the new model in the 2nd quarter 2007, in accordance with FAQ 419. During this update, the values for Core Damage Frequency (CDF) were inadvertently not revised. This was discovered during the 3rd quarter 2007, and the 2nd quarter 2007 CDF values were corrected. There was no change in color for any MSPI indicator. This issue has been entered into the corrective action program.

## Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Heat Removal System | 4Q/05 | 1Q/06 | 2Q/06            | 3Q/06            | 4Q/06            | 1Q/07            | 2Q/07            | 3Q/07            |
|---|-------|-------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI (ΔCDF)  |       |       | -9.30E-09        | -9.70E-09        | -9.70E-09        | -9.70E-09        | -4.50E-09        | -5.20E-09        |
| URI (ΔCDF)  |       |       | -1.90E-08        | -1.90E-08        | -1.90E-08        | -1.60E-08        | -6.80E-09        | -8.30E-09        |
| PLE   |       |       | NO               | NO               | NO               | NO               | NO               | NO               |
| Indicator value   |       |       | <b>-2.83E-08</b> | <b>-2.87E-08</b> | <b>-2.87E-08</b> | <b>-2.57E-08</b> | <b>-1.13E-08</b> | <b>-1.35E-08</b> |

### Licensee Comments:

3Q/07: Changed PRA Parameter(s). During the 3rd quarter 2007, an error was discovered in the PRA model of record (2006B). Because the error was non-conservative, it was decided to rescind 2006B and re-instate the last PRA model that did not contain the error (2003A). Because this was at variance with NEI 99-02 guidance, FAQ #74.0 was submitted to review this decision. The FAQ was reviewed by the ROP task force and it was determined that the correct course was to use the 2006B model regardless of the error for the 3rd quarter 2007 PI submittal. The data submittal reflects the 2006B PRA model. This issue has been entered into the corrective action program. No MSPI thresholds were crossed using either model, and all indicators remain Green.

2Q/07: Changed PRA Parameter(s). A new PRA model (2006A) was approved and implemented in the 1st quarter 2007. PRA coefficients were updated to reflect the new model in the 2nd quarter 2007, in accordance with FAQ 419. During this update, the values for Core Damage Frequency (CDF) were inadvertently not revised. This was discovered during the 3rd quarter 2007, and the 2nd quarter 2007 CDF values were corrected. There was no change in color for any MSPI indicator. This issue has been entered into the corrective action program.

# Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

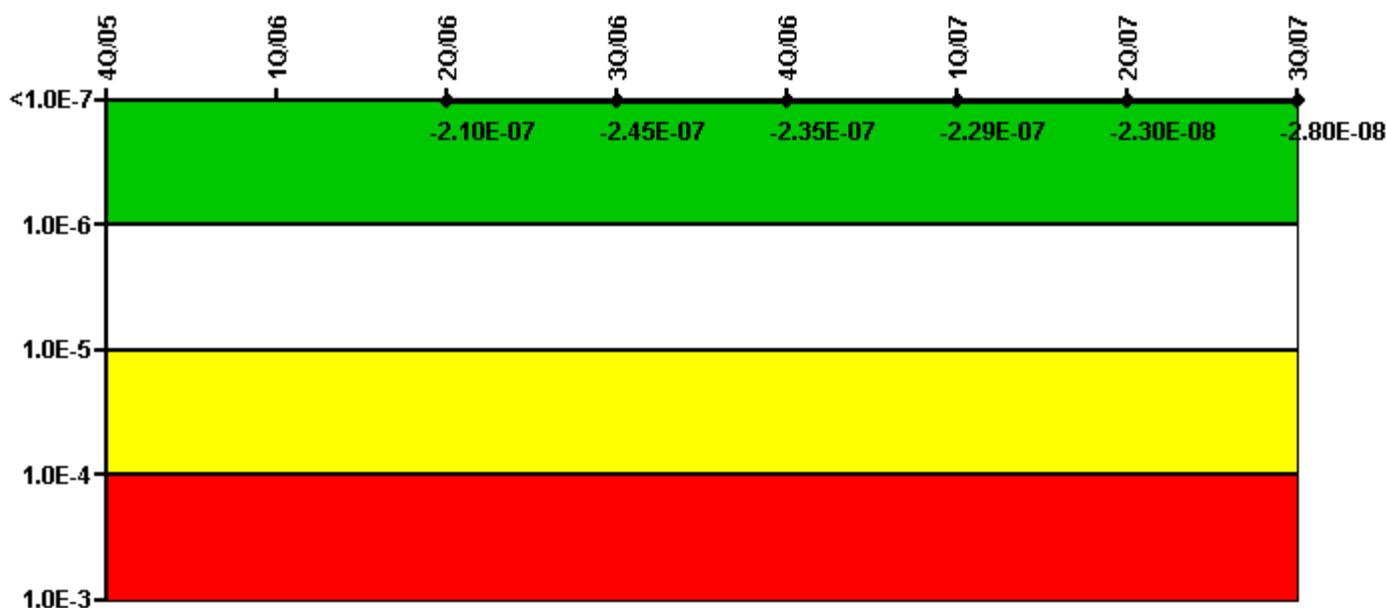
| Mitigating Systems Performance Index, Residual Heat Removal System | 4Q/05 | 1Q/06 | 2Q/06            | 3Q/06            | 4Q/06            | 1Q/07            | 2Q/07            | 3Q/07            |
|--|-------|-------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI (ΔCDF)   |       |       | -1.30E-07        | -1.30E-07        | -1.30E-07        | -1.30E-07        | -2.60E-09        | -2.50E-09        |
| URI (ΔCDF)   |       |       | -1.90E-07        | -1.90E-07        | -1.90E-07        | -1.60E-07        | -4.20E-09        | -4.30E-09        |
| PLE  |       |       | NO               | NO               | NO               | NO               | NO               | NO               |
| Indicator value  |       |       | <b>-3.20E-07</b> | <b>-3.20E-07</b> | <b>-3.20E-07</b> | <b>-2.90E-07</b> | <b>-6.80E-09</b> | <b>-6.80E-09</b> |

## Licensee Comments:

3Q/07: Changed PRA Parameter(s). During the 3rd quarter 2007, an error was discovered in the PRA model of record (2006B). Because the error was non-conservative, it was decided to rescind 2006B and re-instate the last PRA model that did not contain the error (2003A). Because this was at variance with NEI 99-02 guidance, FAQ #74.0 was submitted to review this decision. The FAQ was reviewed by the ROP task force and it was determined that the correct course was to use the 2006B model regardless of the error for the 3rd quarter 2007 PI submittal. The data submittal reflects the 2006B PRA model. This issue has been entered into the corrective action program. No MSPI thresholds were crossed using either model, and all indicators remain Green.

2Q/07: Changed PRA Parameter(s). A new PRA model (2006A) was approved and implemented in the 1st quarter 2007. PRA coefficients were updated to reflect the new model in the 2nd quarter 2007, in accordance with FAQ 419. During this update, the values for Core Damage Frequency (CDF) were inadvertently not revised. This was discovered during the 3rd quarter 2007, and the 2nd quarter 2007 CDF values were corrected. There was no change in color for any MSPI indicator. This issue has been entered into the corrective action program.

## Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

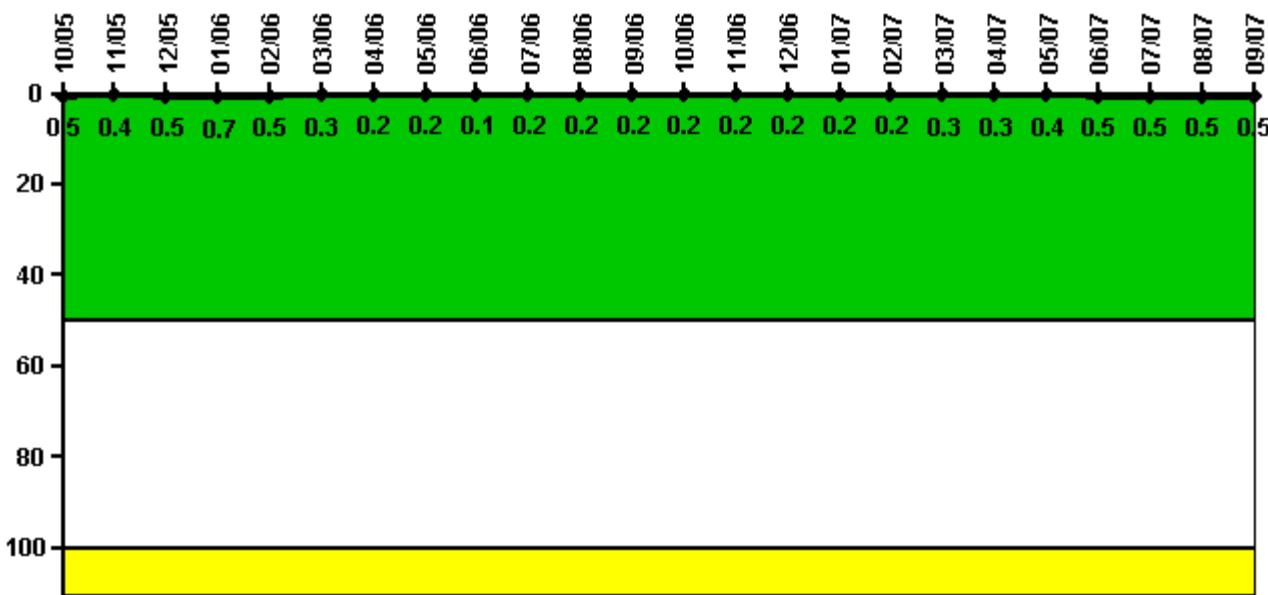
| Mitigating Systems Performance Index, Cooling Water Systems | 4Q/05 | 1Q/06 | 2Q/06            | 3Q/06            | 4Q/06            | 1Q/07            | 2Q/07            | 3Q/07            |
|---|-------|-------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI (ΔCDF)  |       |       | 8.00E-08         | 4.50E-08         | 4.50E-08         | 4.10E-08         | -3.50E-11        | -3.50E-11        |
| URI (ΔCDF)  |       |       | -2.90E-07        | -2.90E-07        | -2.80E-07        | -2.70E-07        | -2.30E-08        | -2.80E-08        |
| PLE   |       |       | NO               | NO               | NO               | NO               | NO               | NO               |
| Indicator value   |       |       | <b>-2.10E-07</b> | <b>-2.45E-07</b> | <b>-2.35E-07</b> | <b>-2.29E-07</b> | <b>-2.30E-08</b> | <b>-2.80E-08</b> |

### Licensee Comments:

3Q/07: Changed PRA Parameter(s). During the 3rd quarter 2007, an error was discovered in the PRA model of record (2006B). Because the error was non-conservative, it was decided to rescind 2006B and re-instate the last PRA model that did not contain the error (2003A). Because this was at variance with NEI 99-02 guidance, FAQ #74.0 was submitted to review this decision. The FAQ was reviewed by the ROP task force and it was determined that the correct course was to use the 2006B model regardless of the error for the 3rd quarter 2007 PI submittal. The data submittal reflects the 2006B PRA model. This issue has been entered into the corrective action program. No MSPI thresholds were crossed using either model, and all indicators remain Green.

2Q/07: Changed PRA Parameter(s). A new PRA model (2006A) was approved and implemented in the 1st quarter 2007. PRA coefficients were updated to reflect the new model in the 2nd quarter 2007, in accordance with FAQ 419. During this update, the values for Core Damage Frequency (CDF) were inadvertently not revised. This was discovered during the 3rd quarter 2007, and the 2nd quarter 2007 CDF values were corrected. There was no change in color for any MSPI indicator. This issue has been entered into the corrective action program.

## Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

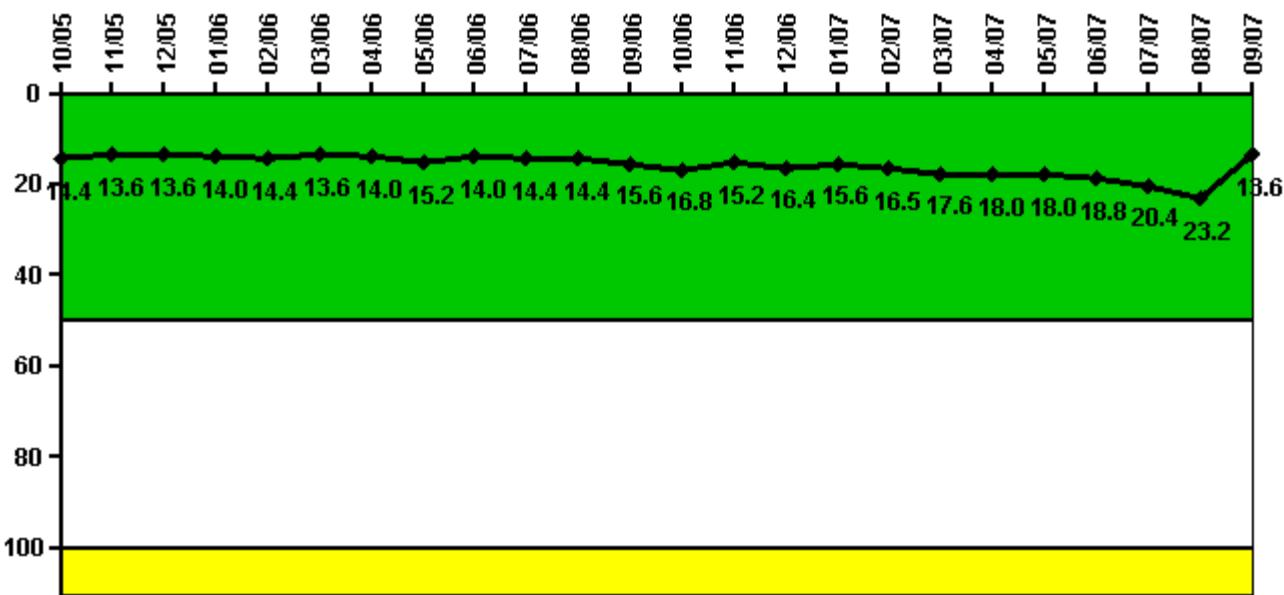
### Notes

| Reactor Coolant System Activity | 10/05      | 11/05      | 12/05      | 1/06       | 2/06       | 3/06       | 4/06       | 5/06       | 6/06       | 7/06       | 8/06       | 9/06       |
|---------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Maximum activity                | 0.000955   | 0.000789   | 0.001060   | 0.001370   | 0.000991   | 0.000511   | 0.000406   | 0.000301   | 0.000282   | 0.000362   | 0.000345   | 0.000343   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| Indicator value                 | <b>0.5</b> | <b>0.4</b> | <b>0.5</b> | <b>0.7</b> | <b>0.5</b> | <b>0.3</b> | <b>0.2</b> | <b>0.2</b> | <b>0.1</b> | <b>0.2</b> | <b>0.2</b> | <b>0.2</b> |
| Reactor Coolant System Activity | 10/06      | 11/06      | 12/06      | 1/07       | 2/07       | 3/07       | 4/07       | 5/07       | 6/07       | 7/07       | 8/07       | 9/07       |
| Maximum activity                | 0.000348   | 0.000365   | 0.000381   | 0.000396   | 0.000402   | 0.000517   | 0.000593   | 0.000744   | 0.000973   | 0.000986   | 0.000958   | 0.000940   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| Indicator value                 | <b>0.2</b> | <b>0.2</b> | <b>0.2</b> | <b>0.2</b> | <b>0.2</b> | <b>0.3</b> | <b>0.3</b> | <b>0.4</b> | <b>0.5</b> | <b>0.5</b> | <b>0.5</b> | <b>0.5</b> |

Licensee Comments: none

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## Reactor Coolant System Leakage



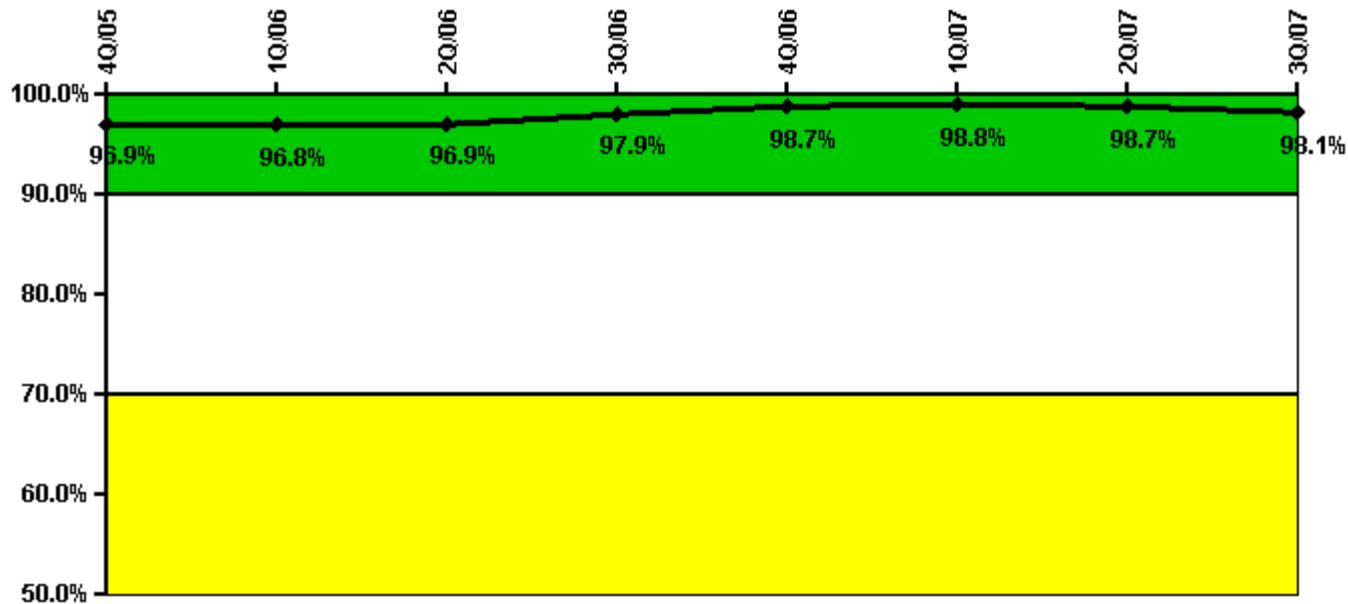
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Leakage | 10/05       | 11/05       | 12/05       | 1/06        | 2/06        | 3/06        | 4/06        | 5/06        | 6/06        | 7/06        | 8/06        | 9/06        |
|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Maximum leakage                | 3.600       | 3.400       | 3.400       | 3.500       | 3.600       | 3.400       | 3.500       | 3.800       | 3.500       | 3.600       | 3.600       | 3.900       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| <b>Indicator value</b>         | <b>14.4</b> | <b>13.6</b> | <b>13.6</b> | <b>14.0</b> | <b>14.4</b> | <b>13.6</b> | <b>14.0</b> | <b>15.2</b> | <b>14.0</b> | <b>14.4</b> | <b>14.4</b> | <b>15.6</b> |
| Reactor Coolant System Leakage | 10/06       | 11/06       | 12/06       | 1/07        | 2/07        | 3/07        | 4/07        | 5/07        | 6/07        | 7/07        | 8/07        | 9/07        |
| Maximum leakage                | 4.200       | 3.800       | 4.100       | 3.900       | 4.120       | 4.400       | 4.500       | 4.500       | 4.700       | 5.100       | 5.800       | 3.400       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| <b>Indicator value</b>         | <b>16.8</b> | <b>15.2</b> | <b>16.4</b> | <b>15.6</b> | <b>16.5</b> | <b>17.6</b> | <b>18.0</b> | <b>18.0</b> | <b>18.8</b> | <b>20.4</b> | <b>23.2</b> | <b>13.6</b> |

Licensee Comments: none

## Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

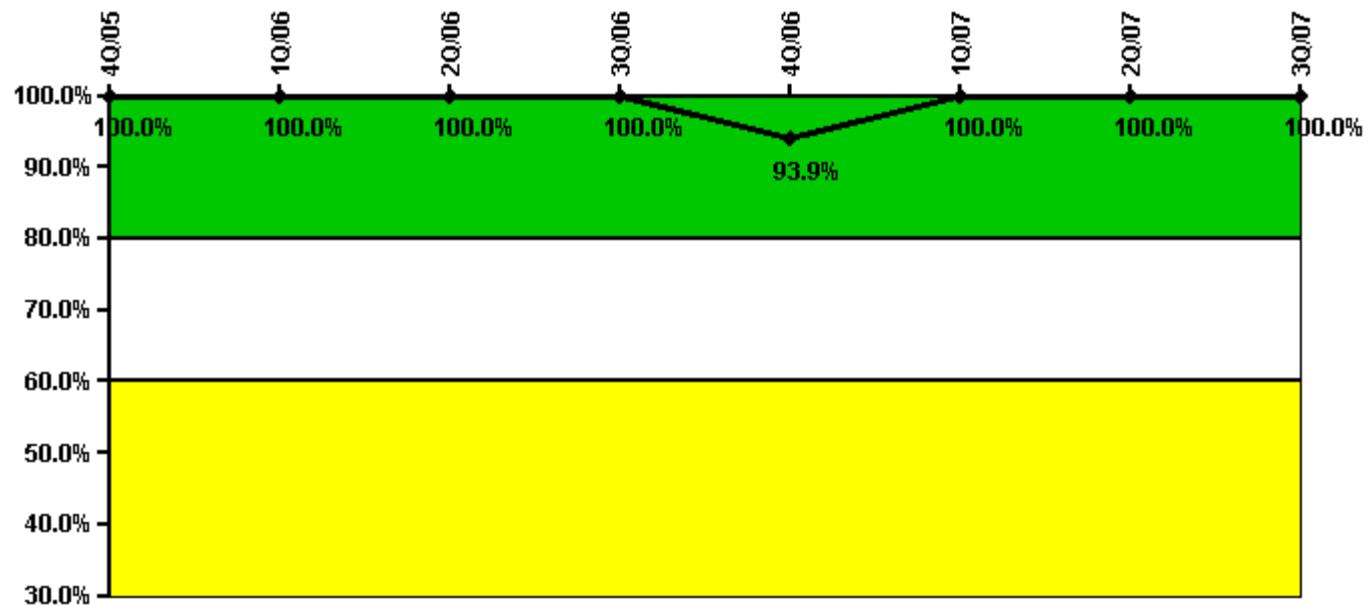
### Notes

| Drill/Exercise Performance | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities   | 59.0  | 18.0  | 41.0  | 30.0  | 42.0  | 26.0  | 28.0  | 66.0  |
| Total opportunities        | 60.0  | 18.0  | 42.0  | 30.0  | 43.0  | 26.0  | 28.0  | 69.0  |
| Indicator value            | 96.9% | 96.8% | 96.9% | 97.9% | 98.7% | 98.8% | 98.7% | 98.1% |

Licensee Comments: none

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## ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

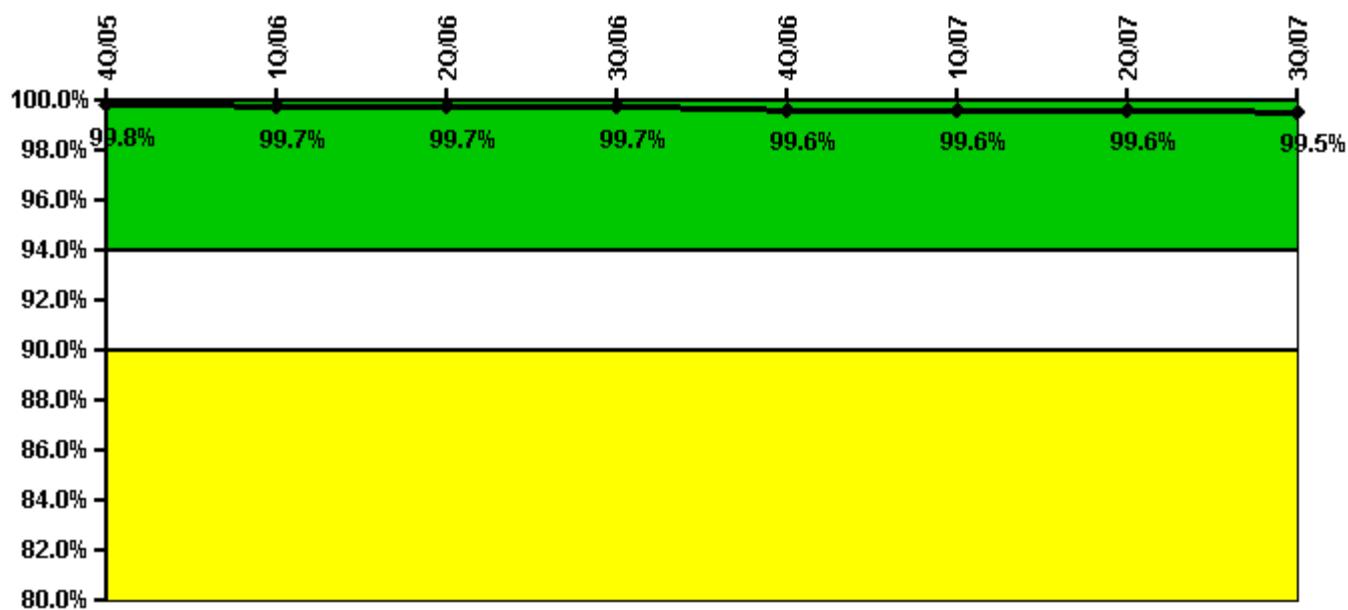
### Notes

| ERO Drill Participation     | 4Q/05  | 1Q/06  | 2Q/06  | 3Q/06  | 4Q/06 | 1Q/07  | 2Q/07  | 3Q/07  |
|-----------------------------|--------|--------|--------|--------|-------|--------|--------|--------|
| Participating Key personnel | 61.0   | 63.0   | 63.0   | 60.0   | 62.0  | 62.0   | 65.0   | 68.0   |
| Total Key personnel         | 61.0   | 63.0   | 63.0   | 60.0   | 66.0  | 62.0   | 65.0   | 68.0   |
| Indicator value             | 100.0% | 100.0% | 100.0% | 100.0% | 93.9% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

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## Alert & Notification System



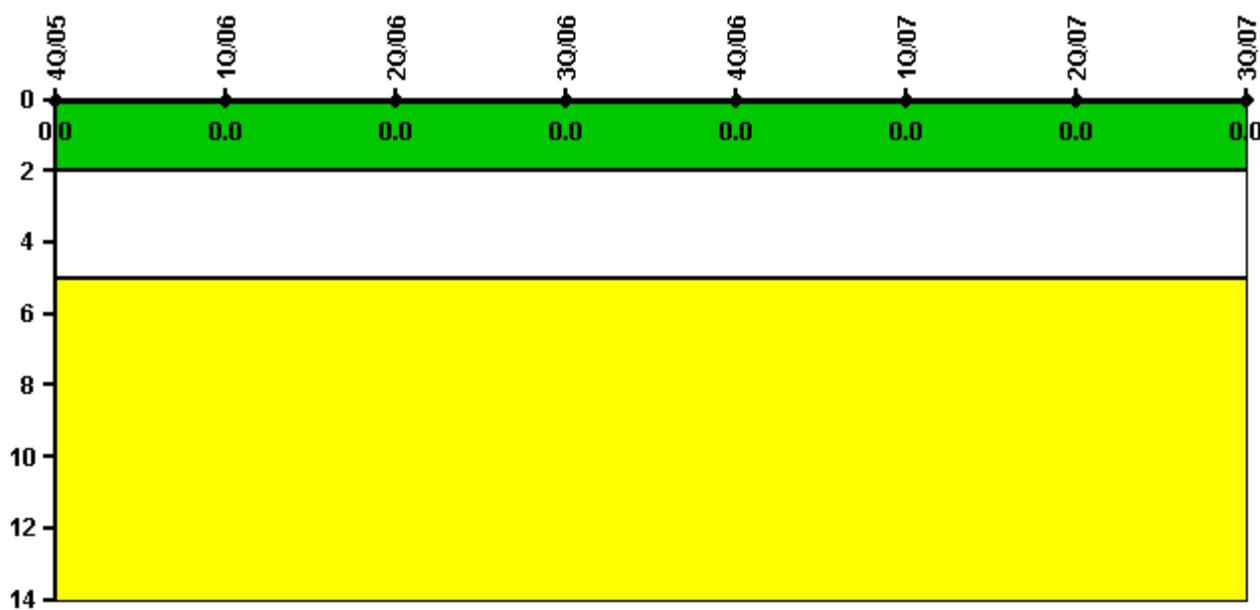
Thresholds: White < 94.0% Yellow < 90.0%

### Notes

| Alert & Notification System | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests      | 3196  | 3241  | 3191  | 3189  | 3131  | 3188  | 3188  | 3182  |
| Total sirens-tests          | 3200  | 3250  | 3200  | 3200  | 3150  | 3197  | 3200  | 3200  |
| Indicator value             | 99.8% | 99.7% | 99.7% | 99.7% | 99.6% | 99.6% | 99.6% | 99.5% |

Licensee Comments: none

## Occupational Exposure Control Effectiveness



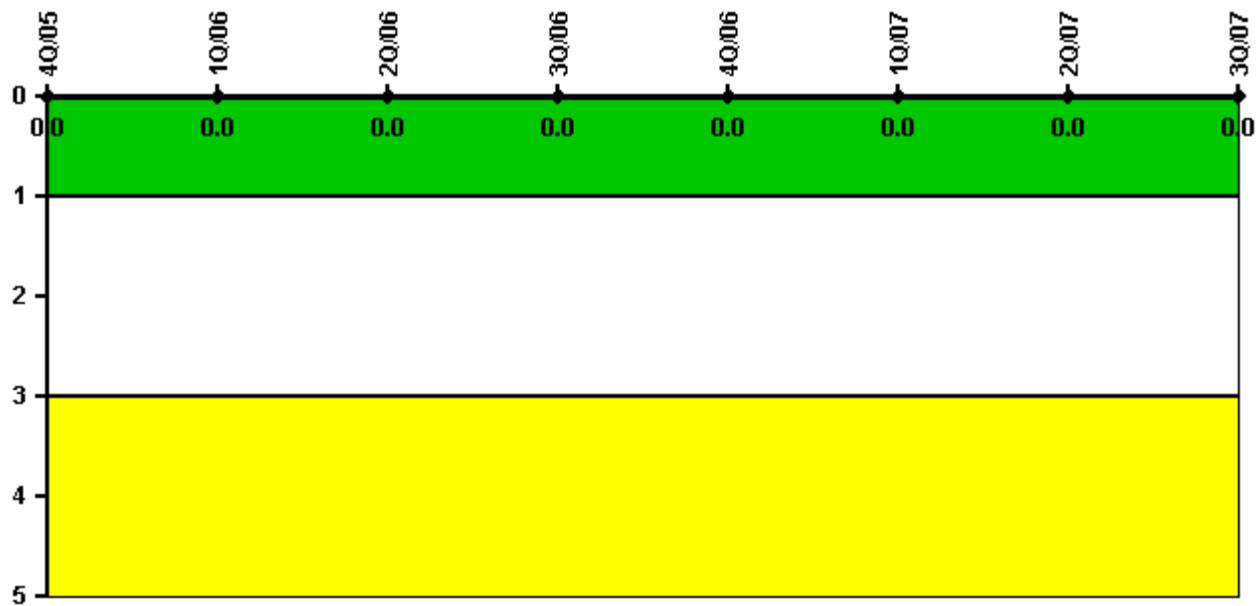
Thresholds: White > 2.0 Yellow > 5.0

### Notes

| Occupational Exposure Control Effectiveness | 4Q/05    | 1Q/06    | 2Q/06    | 3Q/06    | 4Q/06    | 1Q/07    | 2Q/07    | 3Q/07    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>0</b> |

Licensee Comments: none

## RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

### Notes

| RETS/ODCM Radiological Effluent | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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[Physical Protection](#) information not publicly available.

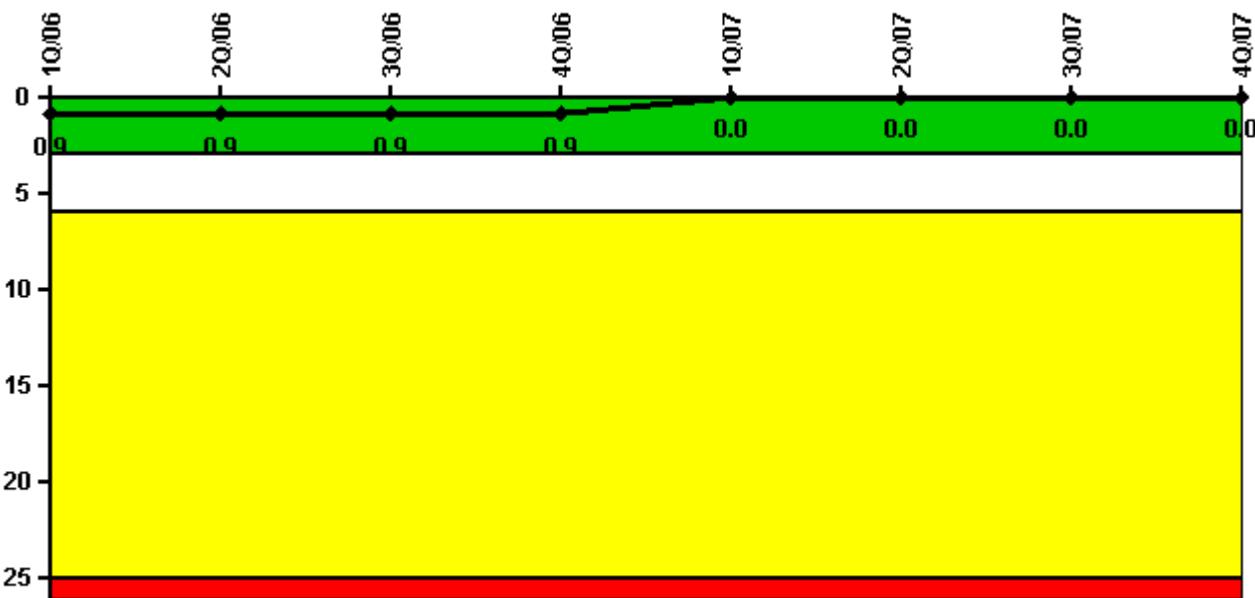
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# La Salle 1

## 4Q/2007 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



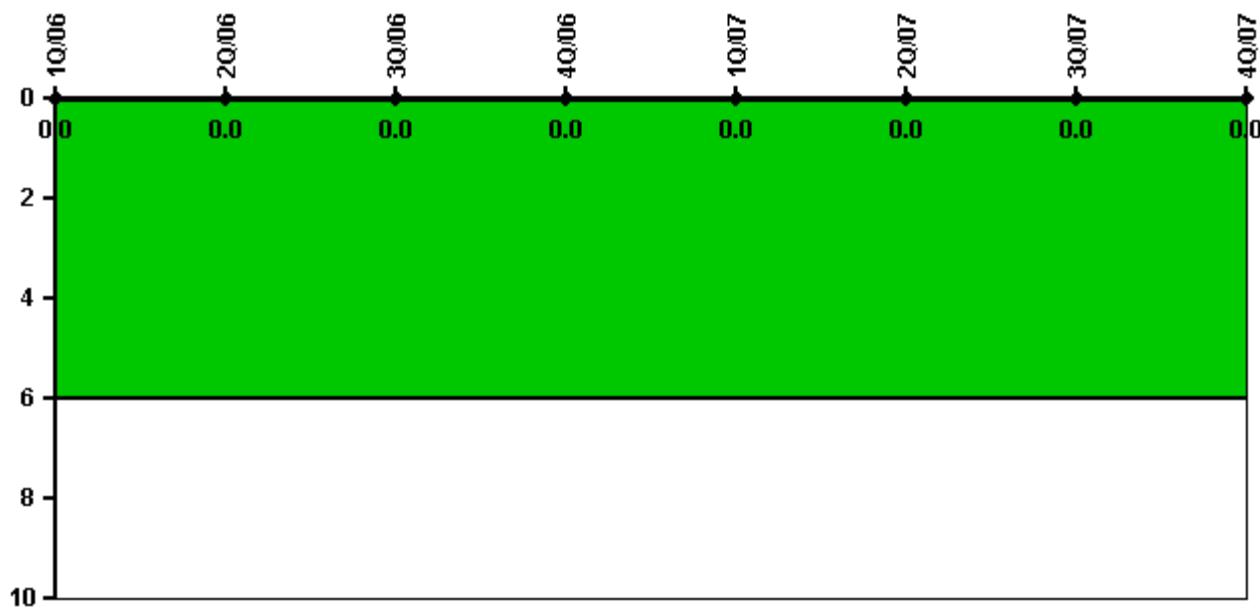
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

| Unplanned Scrams per 7000 Critical Hrs | 1Q/06  | 2Q/06  | 3Q/06  | 4Q/06  | 1Q/07  | 2Q/07  | 3Q/07  | 4Q/07  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 1.0    | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Critical hours                         | 1549.1 | 2183.0 | 2208.0 | 2209.0 | 2159.0 | 2184.0 | 2208.0 | 2209.0 |
| Indicator value                        | 0.9    | 0.9    | 0.9    | 0.9    | 0      | 0      | 0      | 0      |

Licensee Comments: none

## Unplanned Power Changes per 7000 Critical Hrs



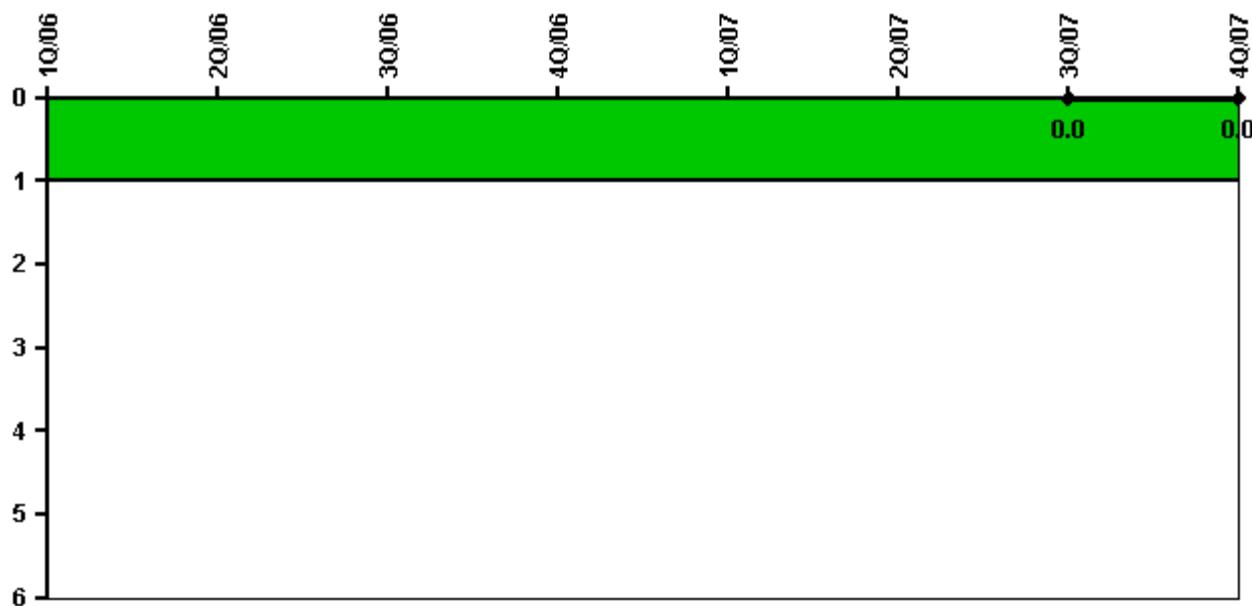
Thresholds: White > 6.0

### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 1Q/06    | 2Q/06    | 3Q/06    | 4Q/06    | 1Q/07    | 2Q/07    | 3Q/07    | 4Q/07    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Unplanned power changes                       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Critical hours                                | 1549.1   | 2183.0   | 2208.0   | 2209.0   | 2159.0   | 2184.0   | 2208.0   | 2209.0   |
| Indicator value                               | <b>0</b> |

Licensee Comments: none

## Unplanned Scrams with Complications



Thresholds: White > 1.0

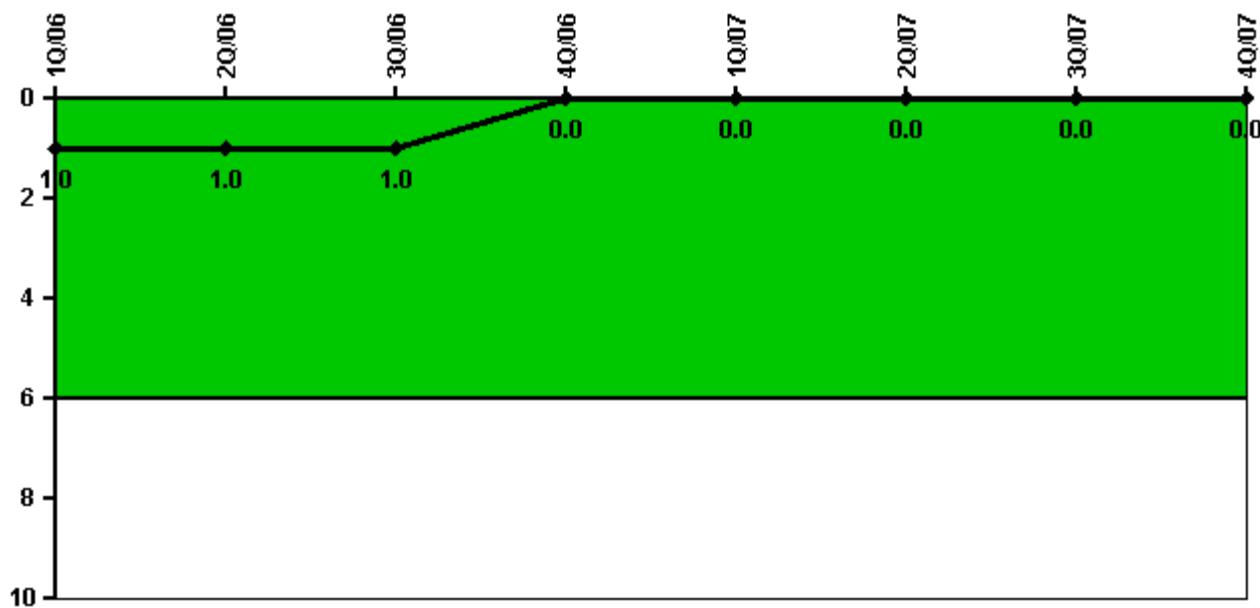
### Notes

| Unplanned Scrams with Complications | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07      | 4Q/07      |
|-------------------------------------|-------|-------|-------|-------|-------|-------|------------|------------|
| Scrams with complications           |       |       |       | 0     | 0     | 0     | 0          | 0          |
| Indicator value                     |       |       |       |       |       |       | <b>0.0</b> | <b>0.0</b> |

Licensee Comments: none

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## Safety System Functional Failures (BWR)



Thresholds: White > 6.0

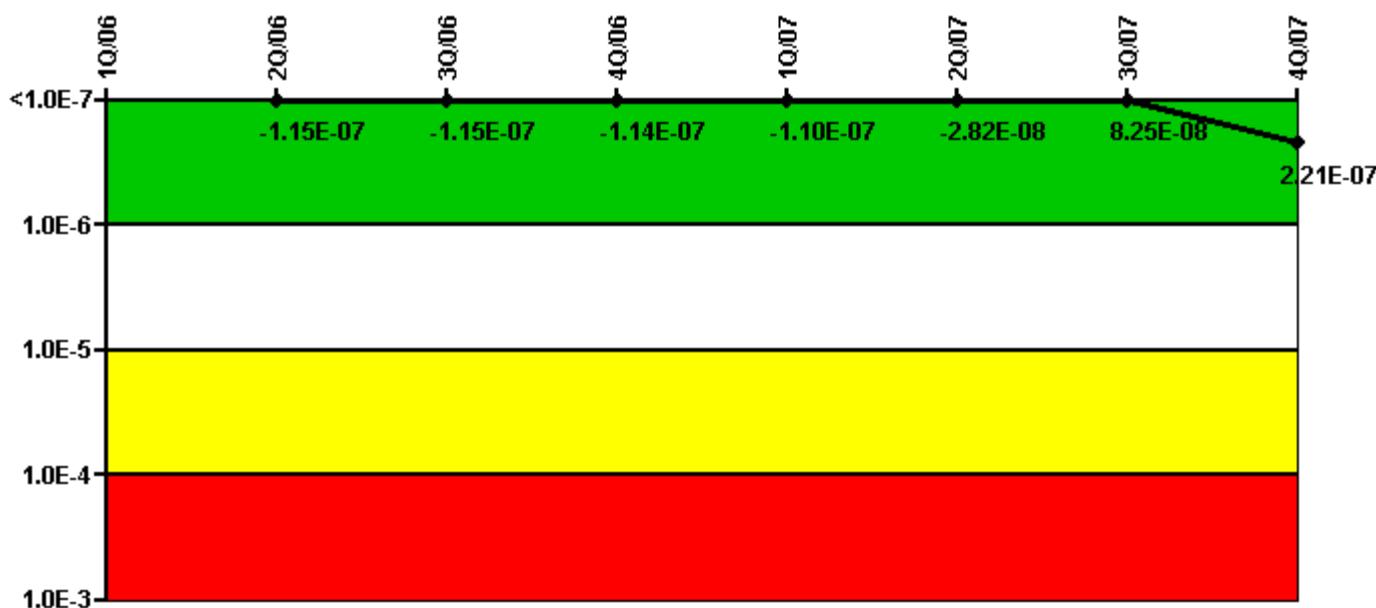
### Notes

| Safety System Functional Failures (BWR) | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures       | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                         | 1     | 1     | 1     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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## Mitigating Systems Performance Index, Emergency AC Power System



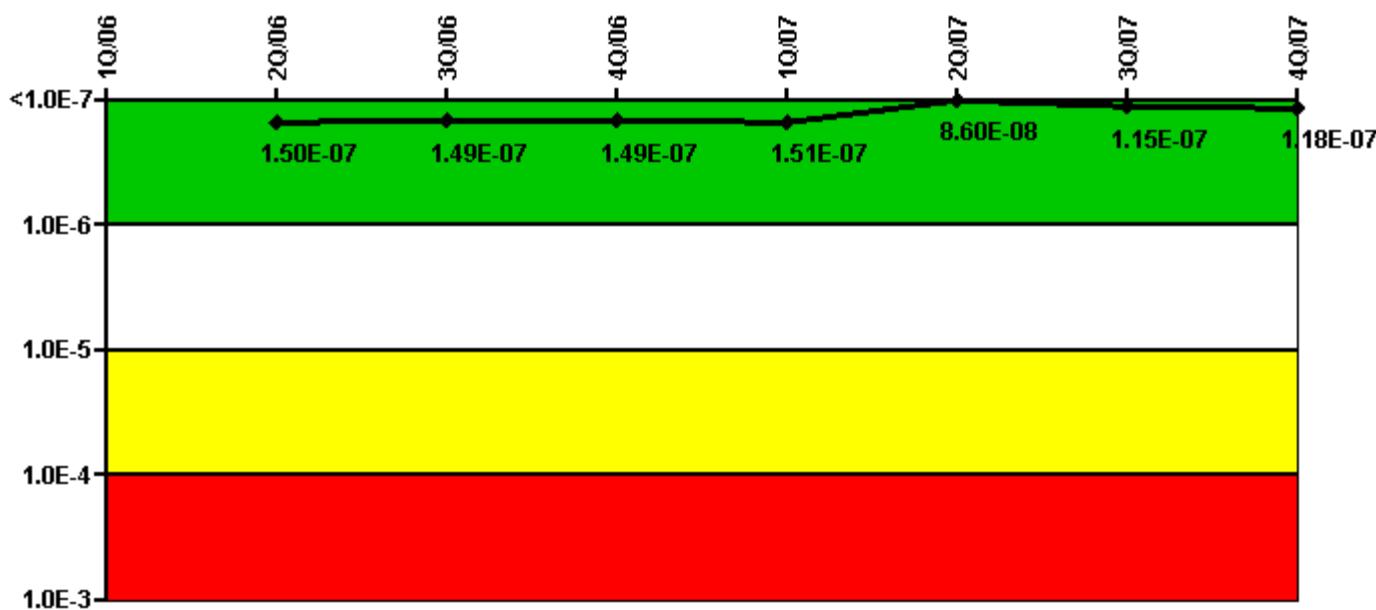
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 1Q/06 | 2Q/06            | 3Q/06            | 4Q/06            | 1Q/07            | 2Q/07            | 3Q/07           | 4Q/07           |
|---|-------|------------------|------------------|------------------|------------------|------------------|-----------------|-----------------|
| UAI ( $\Delta$ CDF)   |       | -1.50E-08        | -1.50E-08        | -1.50E-08        | -1.50E-08        | -3.20E-09        | -3.50E-09       | -9.20E-09       |
| URI ( $\Delta$ CDF)   |       | -1.00E-07        | -1.00E-07        | -9.90E-08        | -9.50E-08        | -2.50E-08        | 8.60E-08        | 2.30E-07        |
| PLE   |       | NO               | NO               | NO               | NO               | NO               | NO              | NO              |
| Indicator value   |       | <b>-1.15E-07</b> | <b>-1.15E-07</b> | <b>-1.14E-07</b> | <b>-1.10E-07</b> | <b>-2.82E-08</b> | <b>8.25E-08</b> | <b>2.21E-07</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, High Pressure Injection System



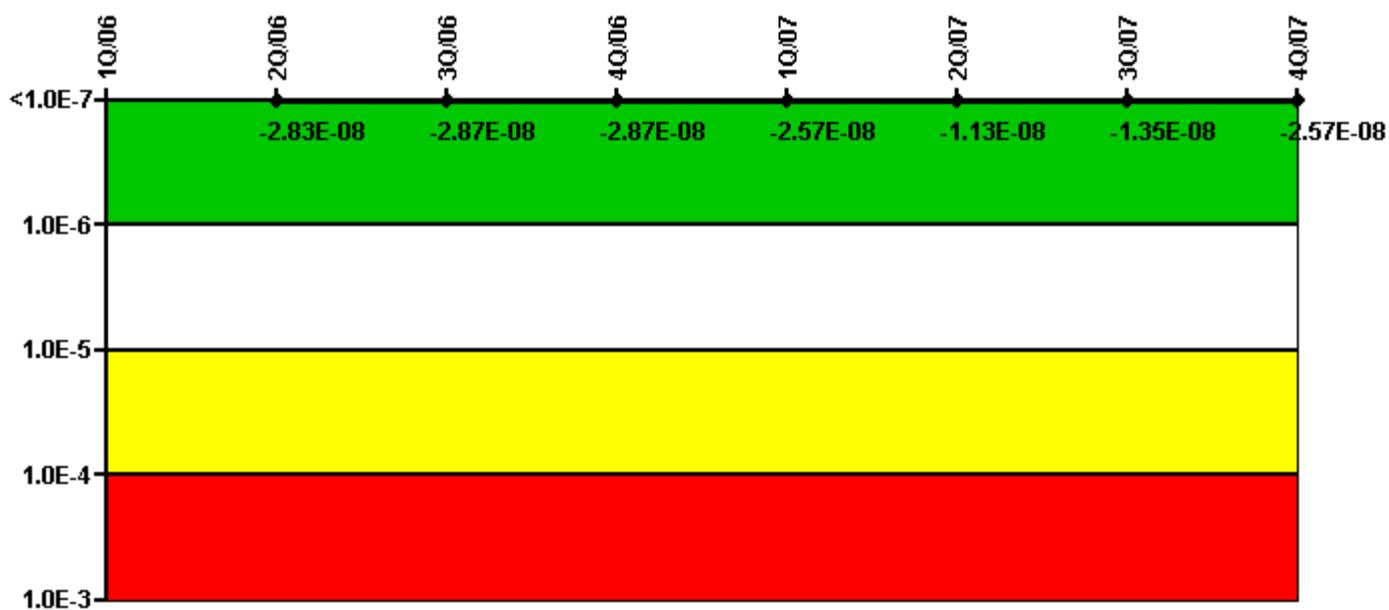
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 1Q/06 | 2Q/06           | 3Q/06           | 4Q/06           | 1Q/07           | 2Q/07           | 3Q/07           | 4Q/07           |
|--|-------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| UAI ( $\Delta$ CDF)  |       | 1.00E-07        | 1.00E-07        | 1.00E-07        | 9.80E-08        | 2.80E-08        | 3.80E-08        | 6.60E-08        |
| URI ( $\Delta$ CDF)  |       | 5.00E-08        | 4.90E-08        | 4.90E-08        | 5.30E-08        | 5.80E-08        | 7.70E-08        | 5.20E-08        |
| PLE  |       | NO              |
| Indicator value  |       | <b>1.50E-07</b> | <b>1.49E-07</b> | <b>1.49E-07</b> | <b>1.51E-07</b> | <b>8.60E-08</b> | <b>1.15E-07</b> | <b>1.18E-07</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, Heat Removal System



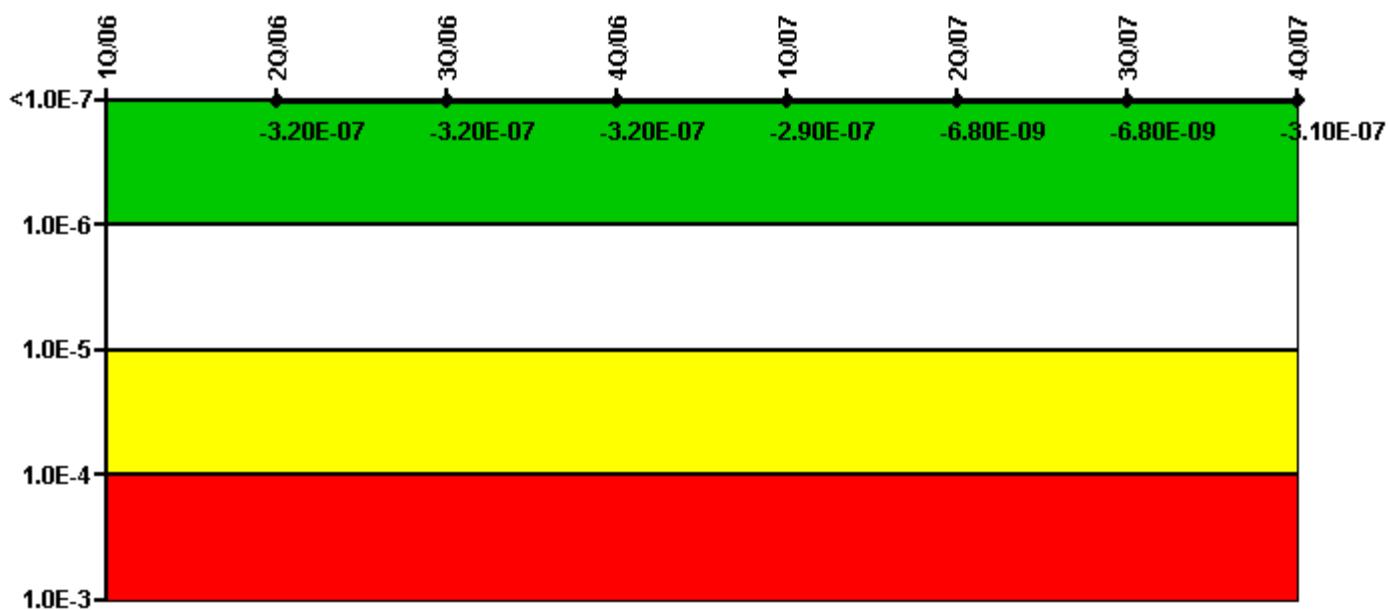
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Heat Removal System | 1Q/06 | 2Q/06            | 3Q/06            | 4Q/06            | 1Q/07            | 2Q/07            | 3Q/07            | 4Q/07            |
|---|-------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)                                       |       | -9.30E-09        | -9.70E-09        | -9.70E-09        | -9.70E-09        | -4.50E-09        | -5.20E-09        | -9.70E-09        |
| URI ( $\Delta$ CDF)                                       |       | -1.90E-08        | -1.90E-08        | -1.90E-08        | -1.60E-08        | -6.80E-09        | -8.30E-09        | -1.60E-08        |
| PLE   |       | NO               |
| Indicator value   |       | <b>-2.83E-08</b> | <b>-2.87E-08</b> | <b>-2.87E-08</b> | <b>-2.57E-08</b> | <b>-1.13E-08</b> | <b>-1.35E-08</b> | <b>-2.57E-08</b> |

Licensee Comments: none

# Mitigating Systems Performance Index, Residual Heat Removal System



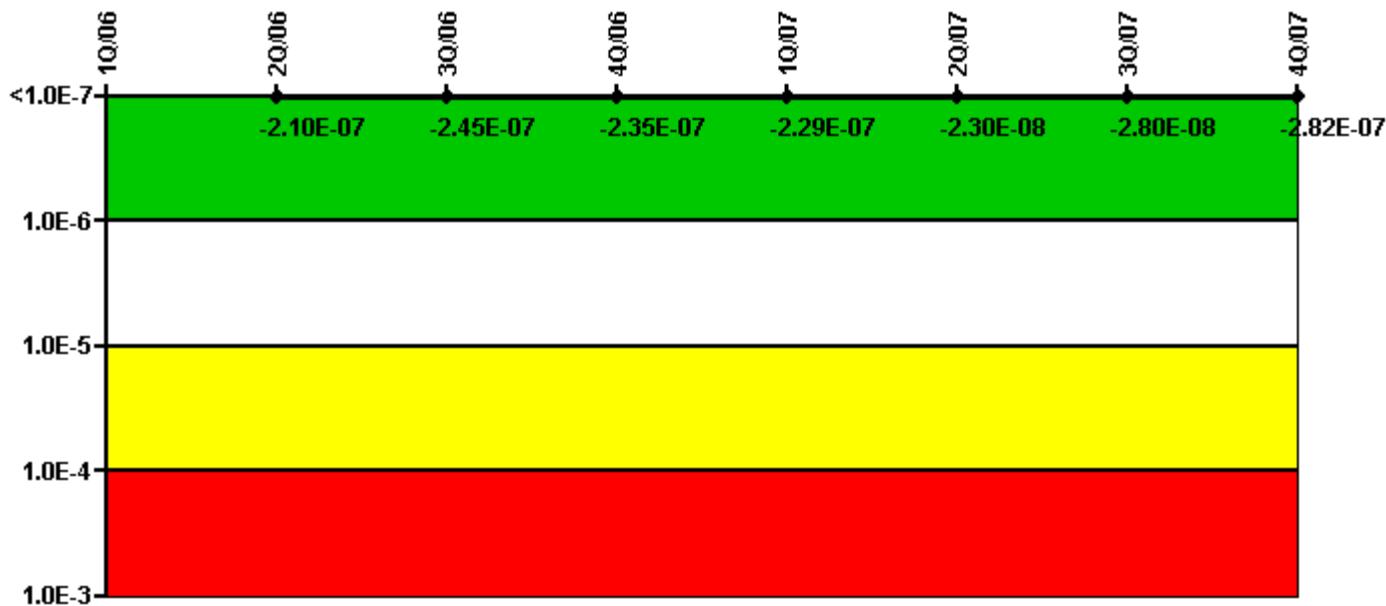
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 1Q/06 | 2Q/06            | 3Q/06            | 4Q/06            | 1Q/07            | 2Q/07            | 3Q/07            | 4Q/07            |
|--|-------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)  |       | -1.30E-07        | -1.30E-07        | -1.30E-07        | -1.30E-07        | -2.60E-09        | -2.50E-09        | -1.30E-07        |
| URI ( $\Delta$ CDF)  |       | -1.90E-07        | -1.90E-07        | -1.90E-07        | -1.60E-07        | -4.20E-09        | -4.30E-09        | -1.80E-07        |
| PLE  |       | NO               |
| Indicator value  |       | <b>-3.20E-07</b> | <b>-3.20E-07</b> | <b>-3.20E-07</b> | <b>-2.90E-07</b> | <b>-6.80E-09</b> | <b>-6.80E-09</b> | <b>-3.10E-07</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, Cooling Water Systems



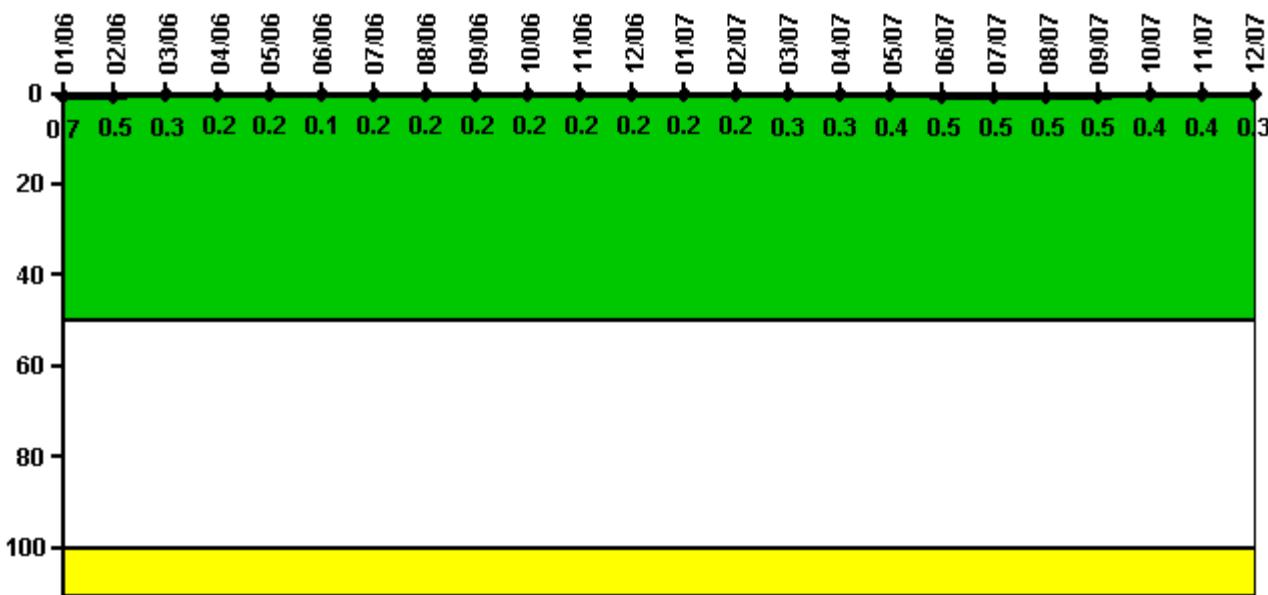
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 1Q/06 | 2Q/06            | 3Q/06            | 4Q/06            | 1Q/07            | 2Q/07            | 3Q/07            | 4Q/07            |
|---|-------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)   |       | 8.00E-08         | 4.50E-08         | 4.50E-08         | 4.10E-08         | -3.50E-11        | -3.50E-11        | -1.70E-09        |
| URI ( $\Delta$ CDF)   |       | -2.90E-07        | -2.90E-07        | -2.80E-07        | -2.70E-07        | -2.30E-08        | -2.80E-08        | -2.80E-07        |
| PLE   |       | NO               |
| Indicator value   |       | <b>-2.10E-07</b> | <b>-2.45E-07</b> | <b>-2.35E-07</b> | <b>-2.29E-07</b> | <b>-2.30E-08</b> | <b>-2.80E-08</b> | <b>-2.82E-07</b> |

Licensee Comments: none

## Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

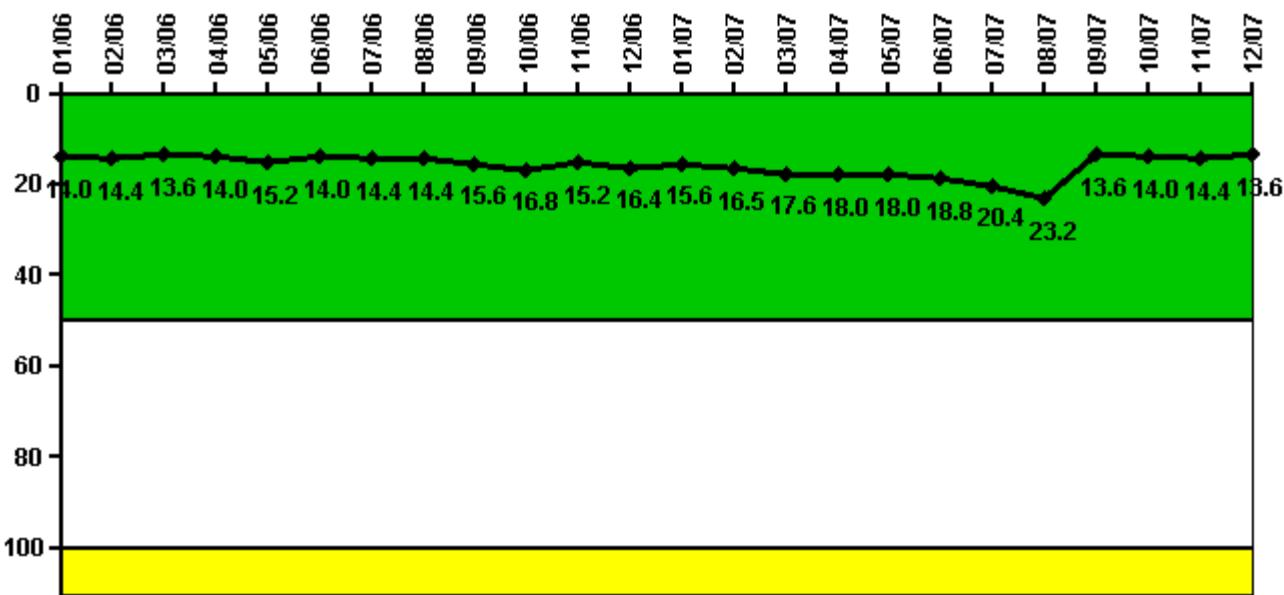
### Notes

| Reactor Coolant System Activity | 1/06       | 2/06       | 3/06       | 4/06       | 5/06       | 6/06       | 7/06       | 8/06       | 9/06       | 10/06      | 11/06      | 12/06      |
|---------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Maximum activity                | 0.001370   | 0.000991   | 0.000511   | 0.000406   | 0.000301   | 0.000282   | 0.000362   | 0.000345   | 0.000343   | 0.000348   | 0.000365   | 0.000381   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| Indicator value                 | <b>0.7</b> | <b>0.5</b> | <b>0.3</b> | <b>0.2</b> | <b>0.2</b> | <b>0.1</b> | <b>0.2</b> | <b>0.2</b> | <b>0.2</b> | <b>0.2</b> | <b>0.2</b> | <b>0.2</b> |
| Reactor Coolant System Activity | 1/07       | 2/07       | 3/07       | 4/07       | 5/07       | 6/07       | 7/07       | 8/07       | 9/07       | 10/07      | 11/07      | 12/07      |
| Maximum activity                | 0.000396   | 0.000402   | 0.000517   | 0.000593   | 0.000744   | 0.000973   | 0.000986   | 0.000958   | 0.000940   | 0.000769   | 0.000771   | 0.000574   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| Indicator value                 | <b>0.2</b> | <b>0.2</b> | <b>0.3</b> | <b>0.3</b> | <b>0.4</b> | <b>0.5</b> | <b>0.5</b> | <b>0.5</b> | <b>0.5</b> | <b>0.4</b> | <b>0.4</b> | <b>0.3</b> |

Licensee Comments: none

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## Reactor Coolant System Leakage



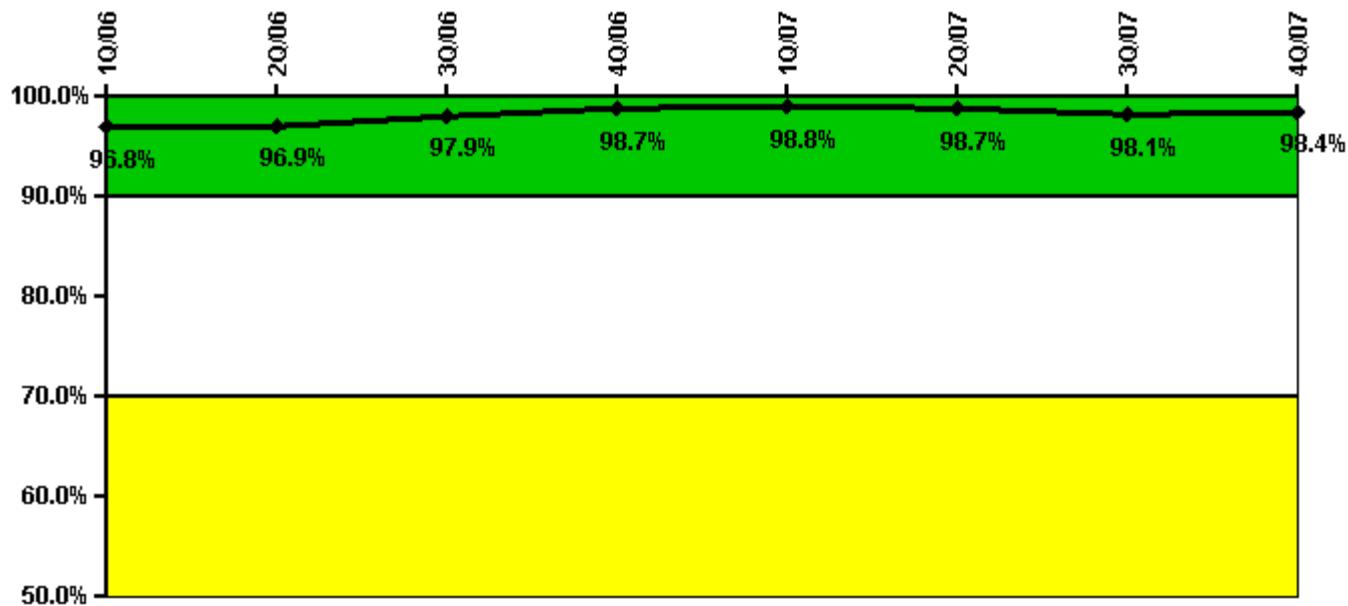
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Leakage | 1/06        | 2/06        | 3/06        | 4/06        | 5/06        | 6/06        | 7/06        | 8/06        | 9/06        | 10/06       | 11/06       | 12/06       |
|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Maximum leakage                | 3.500       | 3.600       | 3.400       | 3.500       | 3.800       | 3.500       | 3.600       | 3.600       | 3.900       | 4.200       | 3.800       | 4.100       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| <b>Indicator value</b>         | <b>14.0</b> | <b>14.4</b> | <b>13.6</b> | <b>14.0</b> | <b>15.2</b> | <b>14.0</b> | <b>14.4</b> | <b>14.4</b> | <b>15.6</b> | <b>16.8</b> | <b>15.2</b> | <b>16.4</b> |
| Reactor Coolant System Leakage | 1/07        | 2/07        | 3/07        | 4/07        | 5/07        | 6/07        | 7/07        | 8/07        | 9/07        | 10/07       | 11/07       | 12/07       |
| Maximum leakage                | 3.900       | 4.120       | 4.400       | 4.500       | 4.500       | 4.700       | 5.100       | 5.800       | 3.400       | 3.500       | 3.600       | 3.400       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| <b>Indicator value</b>         | <b>15.6</b> | <b>16.5</b> | <b>17.6</b> | <b>18.0</b> | <b>18.0</b> | <b>18.8</b> | <b>20.4</b> | <b>23.2</b> | <b>13.6</b> | <b>14.0</b> | <b>14.4</b> | <b>13.6</b> |

Licensee Comments: none

## Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

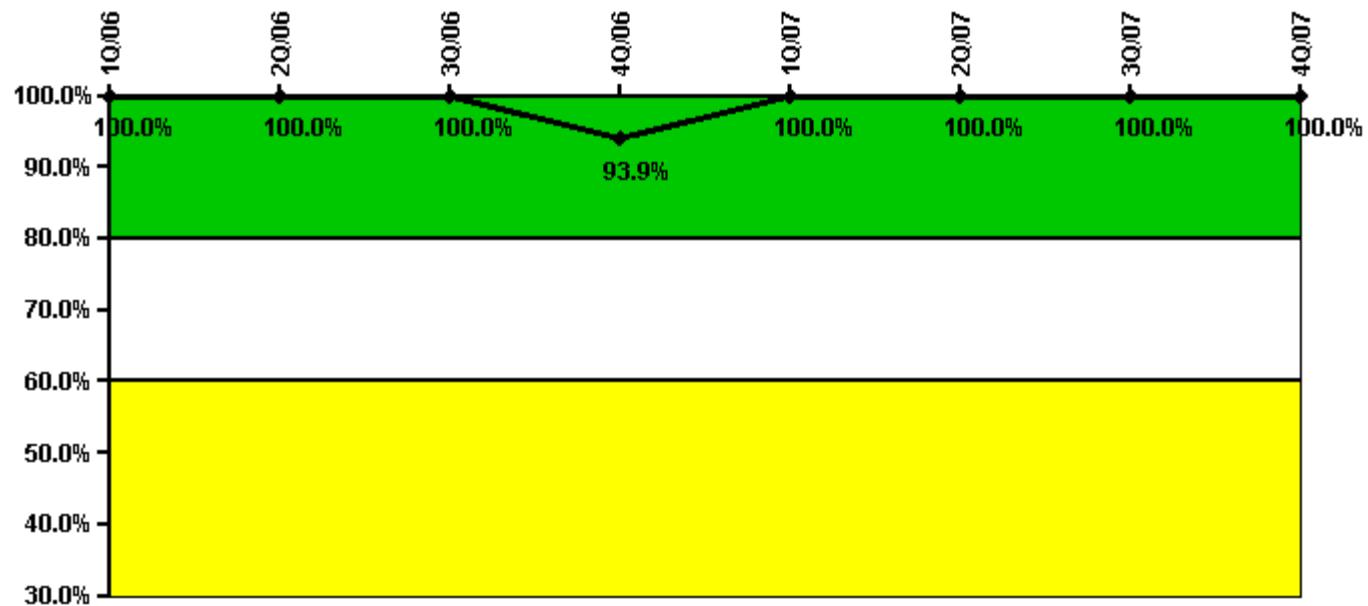
### Notes

| Drill/Exercise Performance | 1Q/06        | 2Q/06        | 3Q/06        | 4Q/06        | 1Q/07        | 2Q/07        | 3Q/07        | 4Q/07        |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful opportunities   | 18.0         | 41.0         | 30.0         | 42.0         | 26.0         | 28.0         | 66.0         | 50.0         |
| Total opportunities        | 18.0         | 42.0         | 30.0         | 43.0         | 26.0         | 28.0         | 69.0         | 50.0         |
| <b>Indicator value</b>     | <b>96.8%</b> | <b>96.9%</b> | <b>97.9%</b> | <b>98.7%</b> | <b>98.8%</b> | <b>98.7%</b> | <b>98.1%</b> | <b>98.4%</b> |

Licensee Comments: none

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## ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

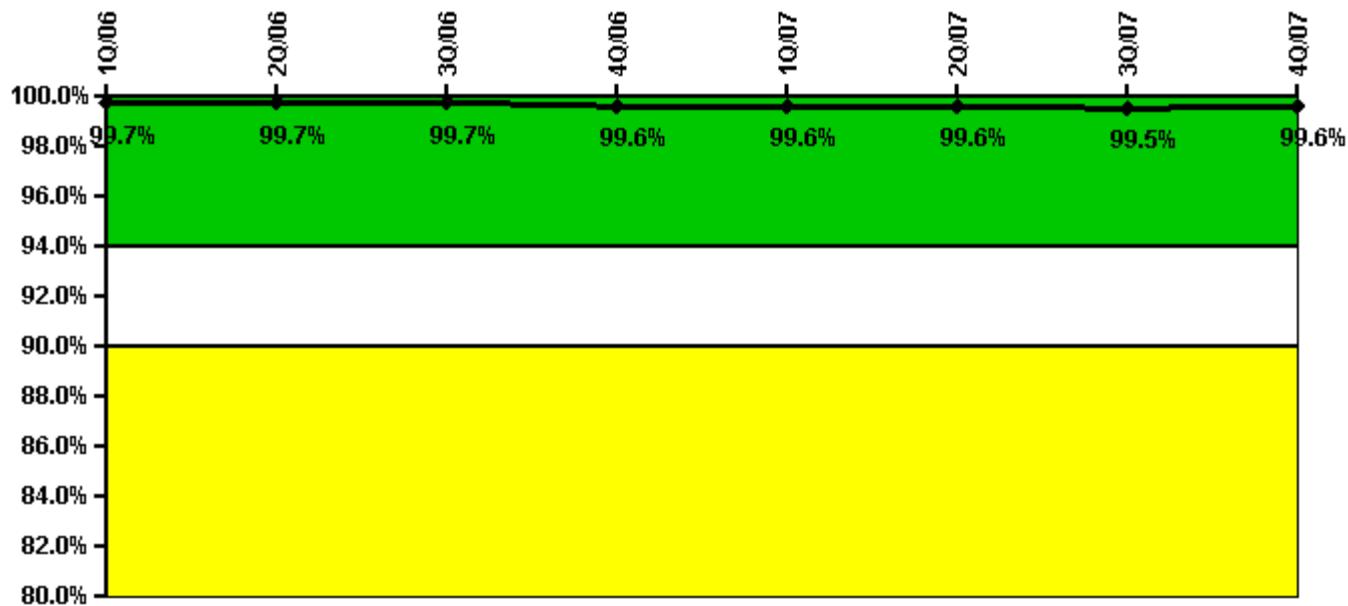
### Notes

| ERO Drill Participation     | 1Q/06  | 2Q/06  | 3Q/06  | 4Q/06 | 1Q/07  | 2Q/07  | 3Q/07  | 4Q/07  |
|-----------------------------|--------|--------|--------|-------|--------|--------|--------|--------|
| Participating Key personnel | 63.0   | 63.0   | 60.0   | 62.0  | 62.0   | 65.0   | 68.0   | 65.0   |
| Total Key personnel         | 63.0   | 63.0   | 60.0   | 66.0  | 62.0   | 65.0   | 68.0   | 65.0   |
| Indicator value             | 100.0% | 100.0% | 100.0% | 93.9% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

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## Alert & Notification System



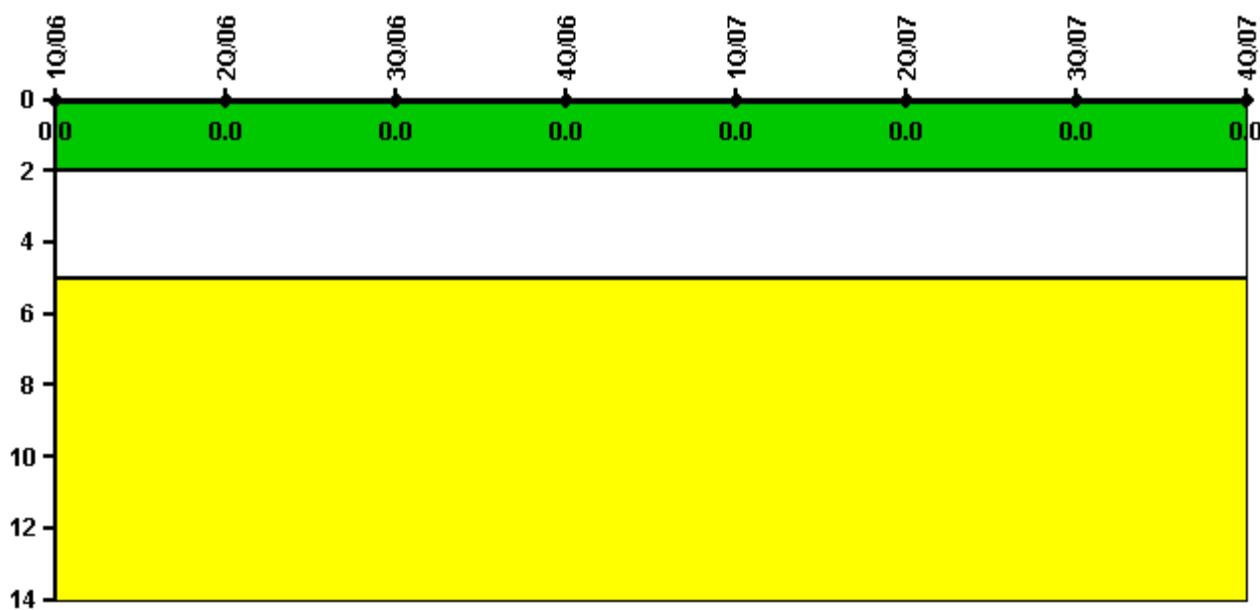
Thresholds: White < 94.0% Yellow < 90.0%

### Notes

| Alert & Notification System | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests      | 3241  | 3191  | 3189  | 3131  | 3188  | 3188  | 3182  | 3191  |
| Total sirens-tests          | 3250  | 3200  | 3200  | 3150  | 3197  | 3200  | 3200  | 3200  |
| Indicator value             | 99.7% | 99.7% | 99.7% | 99.6% | 99.6% | 99.6% | 99.5% | 99.6% |

Licensee Comments: none

## Occupational Exposure Control Effectiveness



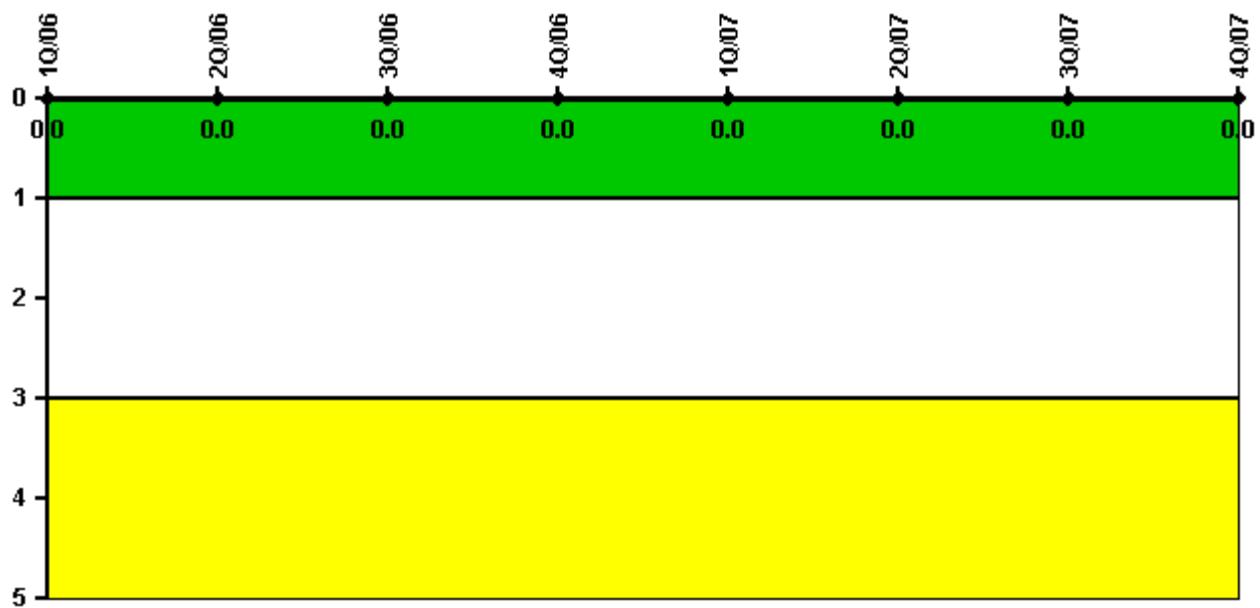
Thresholds: White > 2.0 Yellow > 5.0

### Notes

| Occupational Exposure Control Effectiveness | 1Q/06    | 2Q/06    | 3Q/06    | 4Q/06    | 1Q/07    | 2Q/07    | 3Q/07    | 4Q/07    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>0</b> |

Licensee Comments: none

## RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

### Notes

| RETS/ODCM Radiological Effluent | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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[Physical Protection](#) information not publicly available.

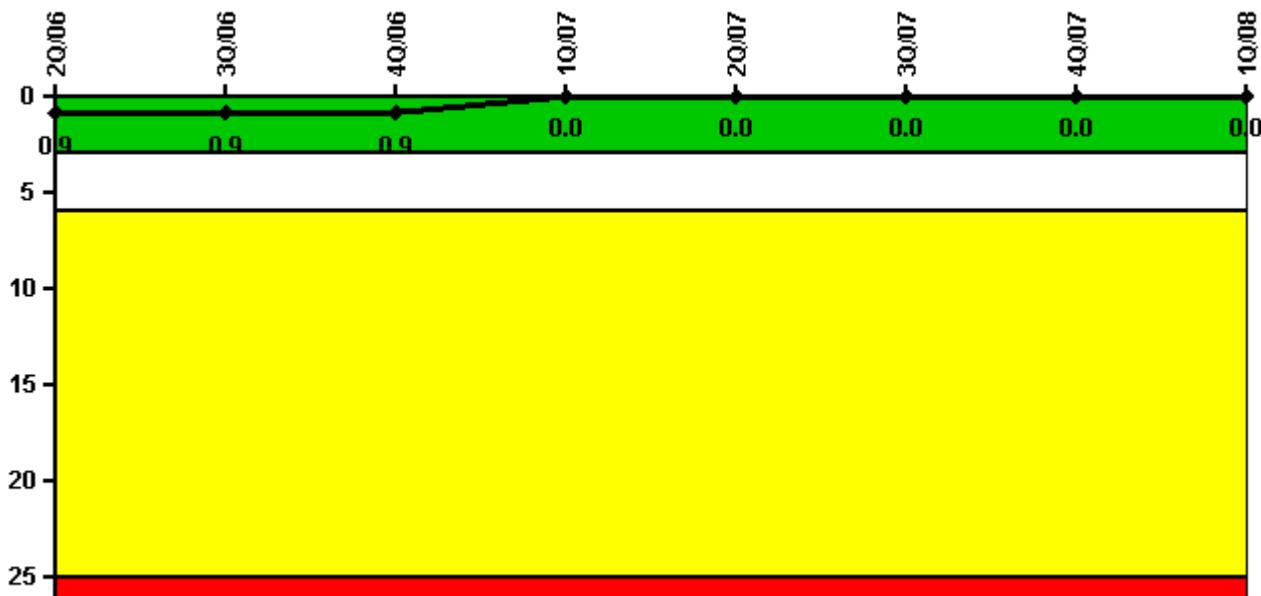
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# La Salle 1

## 1Q/2008 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



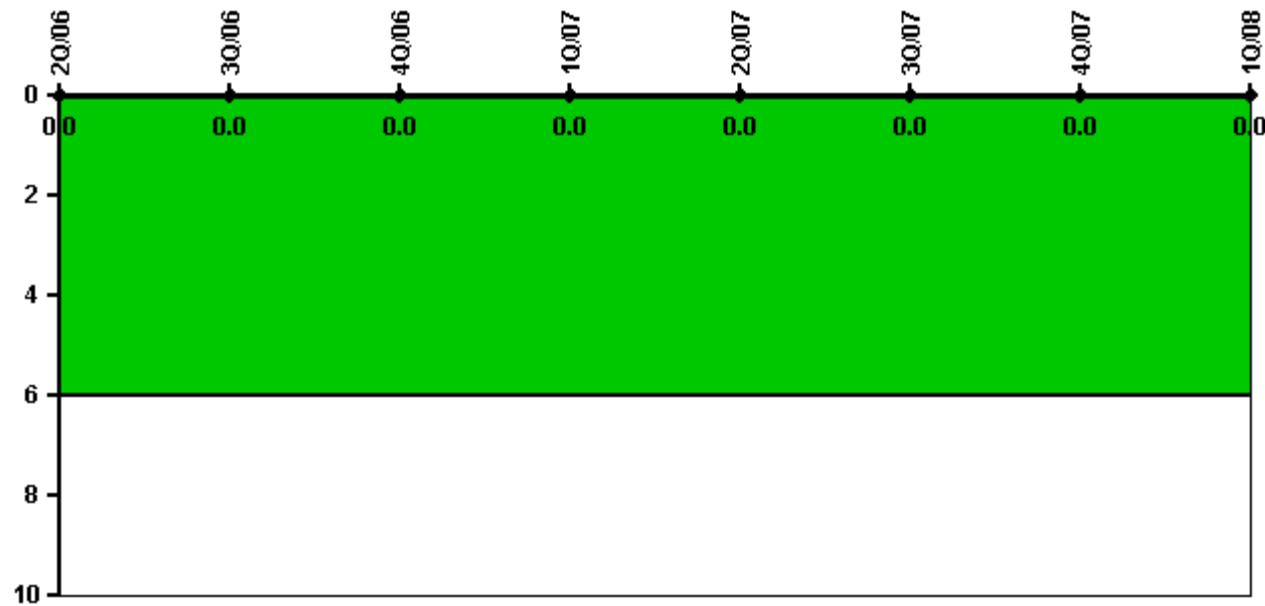
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

| Unplanned Scrams per 7000 Critical Hrs | 2Q/06  | 3Q/06  | 4Q/06  | 1Q/07  | 2Q/07  | 3Q/07  | 4Q/07  | 1Q/08  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Critical hours                         | 2183.0 | 2208.0 | 2209.0 | 2159.0 | 2184.0 | 2208.0 | 2209.0 | 1614.8 |
| Indicator value                        | 0.9    | 0.9    | 0.9    | 0      | 0      | 0      | 0      | 0      |

Licensee Comments: none

## Unplanned Power Changes per 7000 Critical Hrs



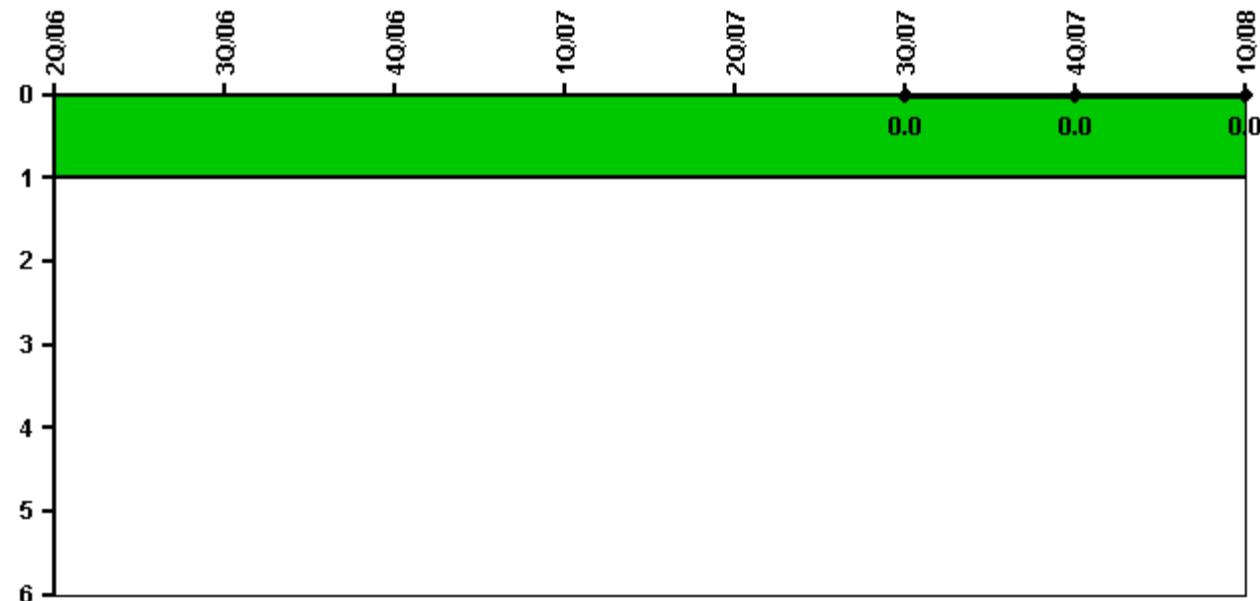
Thresholds: White > 6.0

### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 2Q/06  | 3Q/06  | 4Q/06  | 1Q/07  | 2Q/07  | 3Q/07  | 4Q/07  | 1Q/08  |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes                       | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Critical hours                                | 2183.0 | 2208.0 | 2209.0 | 2159.0 | 2184.0 | 2208.0 | 2209.0 | 1614.8 |
| Indicator value                               | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |

Licensee Comments: none

## Unplanned Scrams with Complications



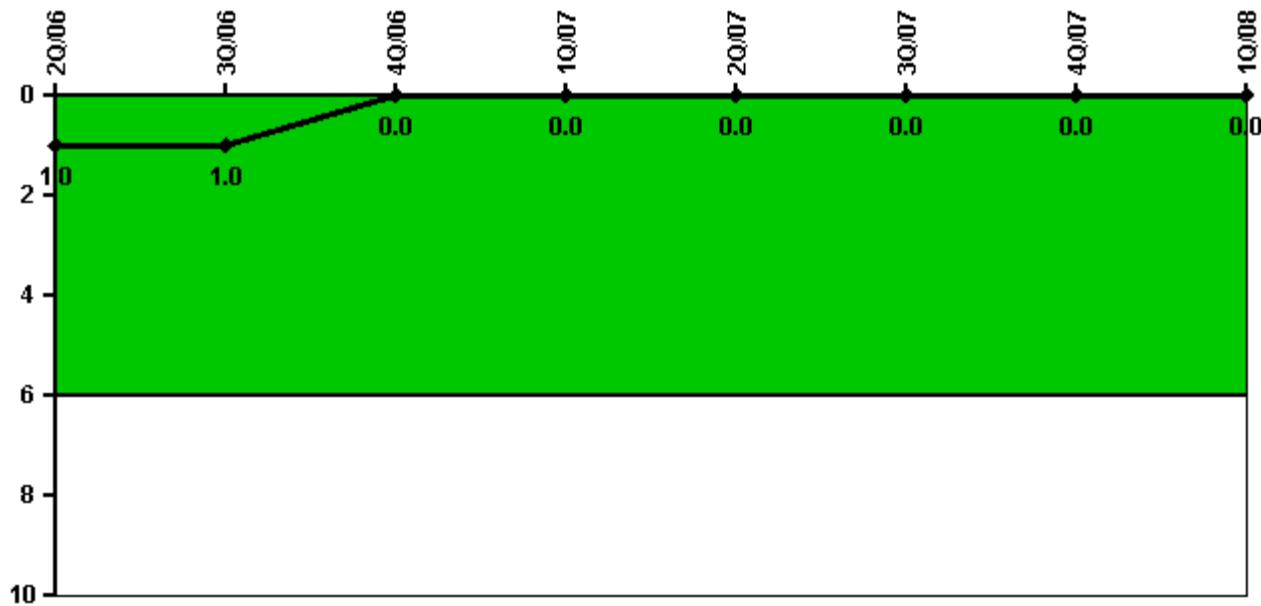
Thresholds: White > 1.0

### Notes

| Unplanned Scrams with Complications | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07      | 4Q/07      | 1Q/08      |
|-------------------------------------|-------|-------|-------|-------|-------|------------|------------|------------|
| Scrams with complications           |       |       | 0     | 0     | 0     | 0          | 0          | 0          |
|                                     |       |       |       |       |       |            |            |            |
|                                     |       |       |       |       |       |            |            |            |
| <b>Indicator value</b>              |       |       |       |       |       | <b>0.0</b> | <b>0.0</b> | <b>0.0</b> |

Licensee Comments: none

## Safety System Functional Failures (BWR)



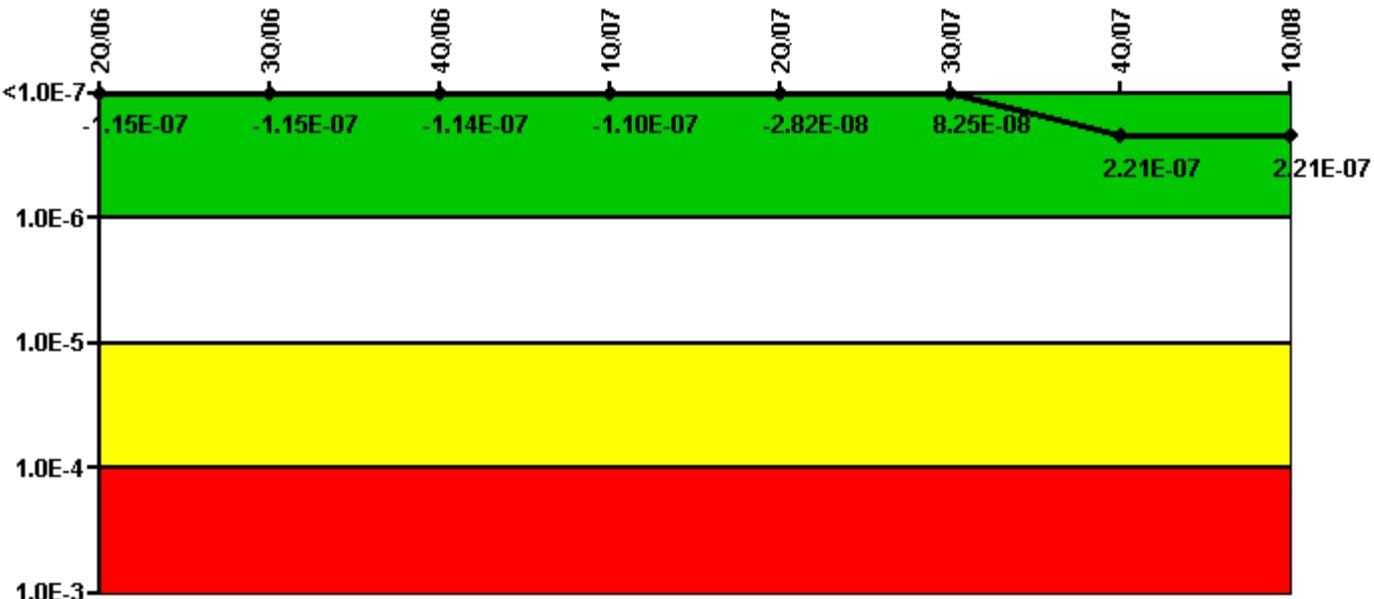
Thresholds: White > 6.0

### Notes

| Safety System Functional Failures (BWR) | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures       | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                         | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

# Mitigating Systems Performance Index, Emergency AC Power System



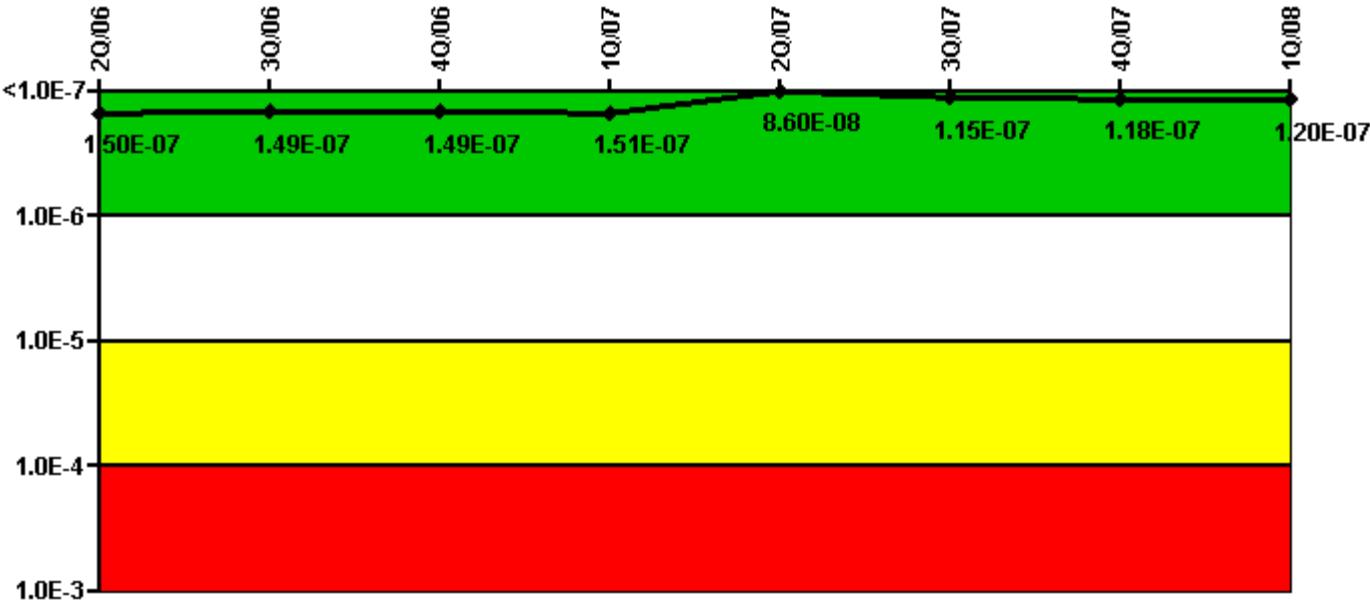
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 2Q/06            | 3Q/06            | 4Q/06            | 1Q/07            | 2Q/07            | 3Q/07           | 4Q/07           | 1Q/08           |
|---|------------------|------------------|------------------|------------------|------------------|-----------------|-----------------|-----------------|
| UAI ( $\Delta$ CDF)   | -1.50E-08        | -1.50E-08        | -1.50E-08        | -1.50E-08        | -3.20E-09        | -3.50E-09       | -9.20E-09       | -9.10E-09       |
| URI ( $\Delta$ CDF)   | -1.00E-07        | -1.00E-07        | -9.90E-08        | -9.50E-08        | -2.50E-08        | 8.60E-08        | 2.30E-07        | 2.30E-07        |
| PLE   | NO               | NO               | NO               | NO               | NO               | NO              | NO              | NO              |
| Indicator value   | <b>-1.15E-07</b> | <b>-1.15E-07</b> | <b>-1.14E-07</b> | <b>-1.10E-07</b> | <b>-2.82E-08</b> | <b>8.25E-08</b> | <b>2.21E-07</b> | <b>2.21E-07</b> |

Licensee Comments: none

# Mitigating Systems Performance Index, High Pressure Injection System



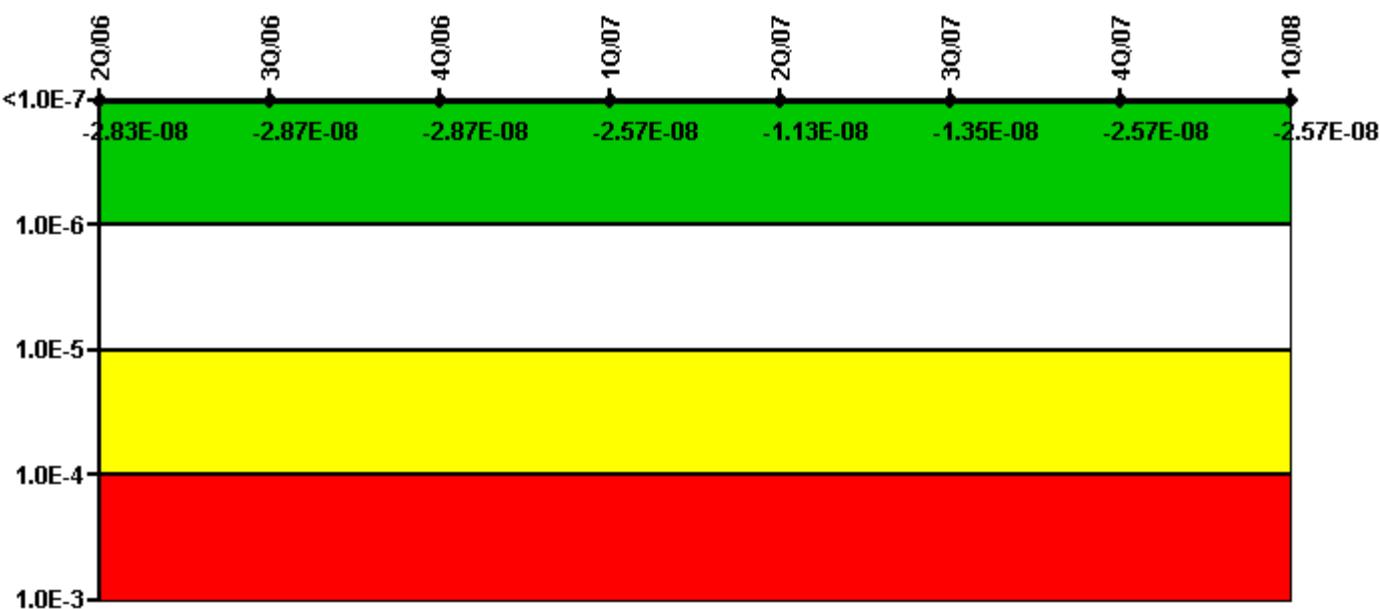
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 2Q/06           | 3Q/06           | 4Q/06           | 1Q/07           | 2Q/07           | 3Q/07           | 4Q/07           | 1Q/08           |
|--|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| UAI ( $\Delta$ CDF)  | 1.00E-07        | 1.00E-07        | 1.00E-07        | 9.80E-08        | 2.80E-08        | 3.80E-08        | 6.60E-08        | 7.00E-08        |
| URI ( $\Delta$ CDF)  | 5.00E-08        | 4.90E-08        | 4.90E-08        | 5.30E-08        | 5.80E-08        | 7.70E-08        | 5.20E-08        | 5.00E-08        |
| PLE  | NO              |
| Indicator value  | <b>1.50E-07</b> | <b>1.49E-07</b> | <b>1.49E-07</b> | <b>1.51E-07</b> | <b>8.60E-08</b> | <b>1.15E-07</b> | <b>1.18E-07</b> | <b>1.20E-07</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, Heat Removal System



Thresholds: White  $> 1.00E-6$  Yellow  $> 1.00E-5$  Red  $> 1.00E-4$

### Notes

| Mitigating Systems Performance Index, Heat Removal System | 2Q/06       | 3Q/06       | 4Q/06       | 1Q/07       | 2Q/07       | 3Q/07       | 4Q/07       | 1Q/08       |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| UAI ( $\Delta$ CDF)                                       | $-9.30E-09$ | $-9.70E-09$ | $-9.70E-09$ | $-9.70E-09$ | $-4.50E-09$ | $-5.20E-09$ | $-9.70E-09$ | $-9.70E-09$ |
| URI ( $\Delta$ CDF)                                       | $-1.90E-08$ | $-1.90E-08$ | $-1.90E-08$ | $-1.60E-08$ | $-6.80E-09$ | $-8.30E-09$ | $-1.60E-08$ | $-1.60E-08$ |
| PLE   | NO          |
| Indicator value   | $-2.83E-08$ | $-2.87E-08$ | $-2.87E-08$ | $-2.57E-08$ | $-1.13E-08$ | $-1.35E-08$ | $-2.57E-08$ | $-2.57E-08$ |

Licensee Comments: none

# Mitigating Systems Performance Index, Residual Heat Removal System



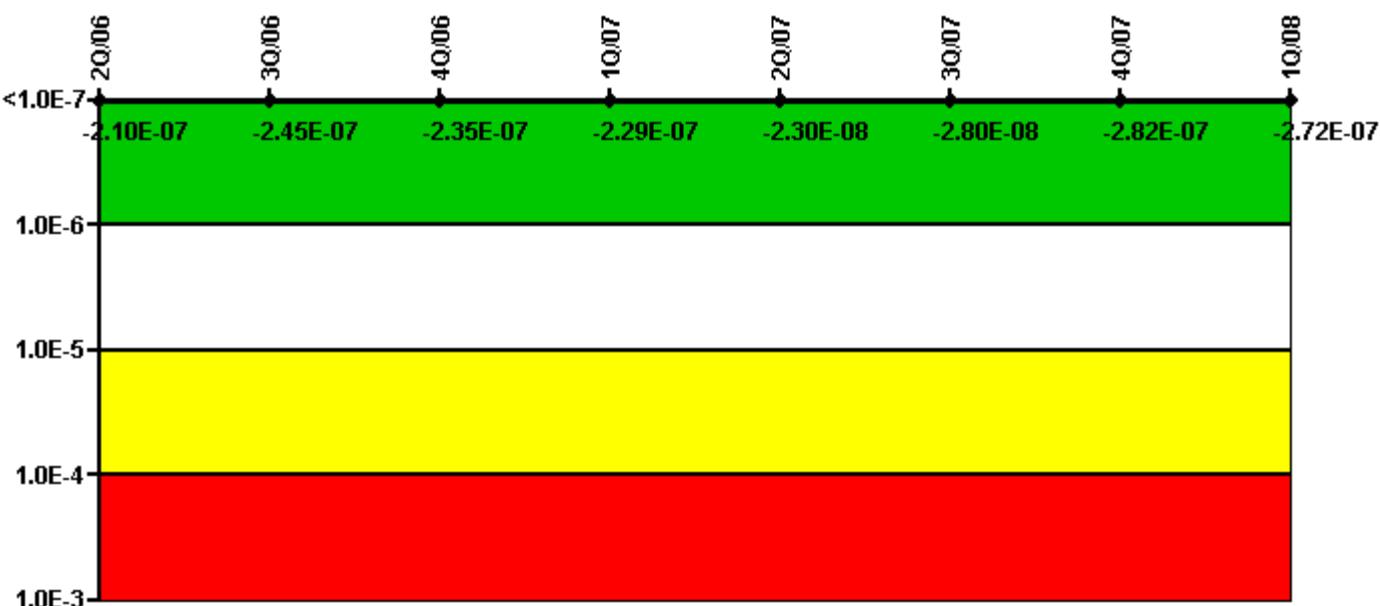
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 2Q/06            | 3Q/06            | 4Q/06            | 1Q/07            | 2Q/07            | 3Q/07            | 4Q/07            | 1Q/08            |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)  | -1.30E-07        | -1.30E-07        | -1.30E-07        | -1.30E-07        | -2.60E-09        | -2.50E-09        | -1.30E-07        | -1.30E-07        |
| URI ( $\Delta$ CDF)  | -1.90E-07        | -1.90E-07        | -1.90E-07        | -1.60E-07        | -4.20E-09        | -4.30E-09        | -1.80E-07        | -1.80E-07        |
| PLE  | NO               |
| Indicator value  | <b>-3.20E-07</b> | <b>-3.20E-07</b> | <b>-3.20E-07</b> | <b>-2.90E-07</b> | <b>-6.80E-09</b> | <b>-6.80E-09</b> | <b>-3.10E-07</b> | <b>-3.10E-07</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, Cooling Water Systems



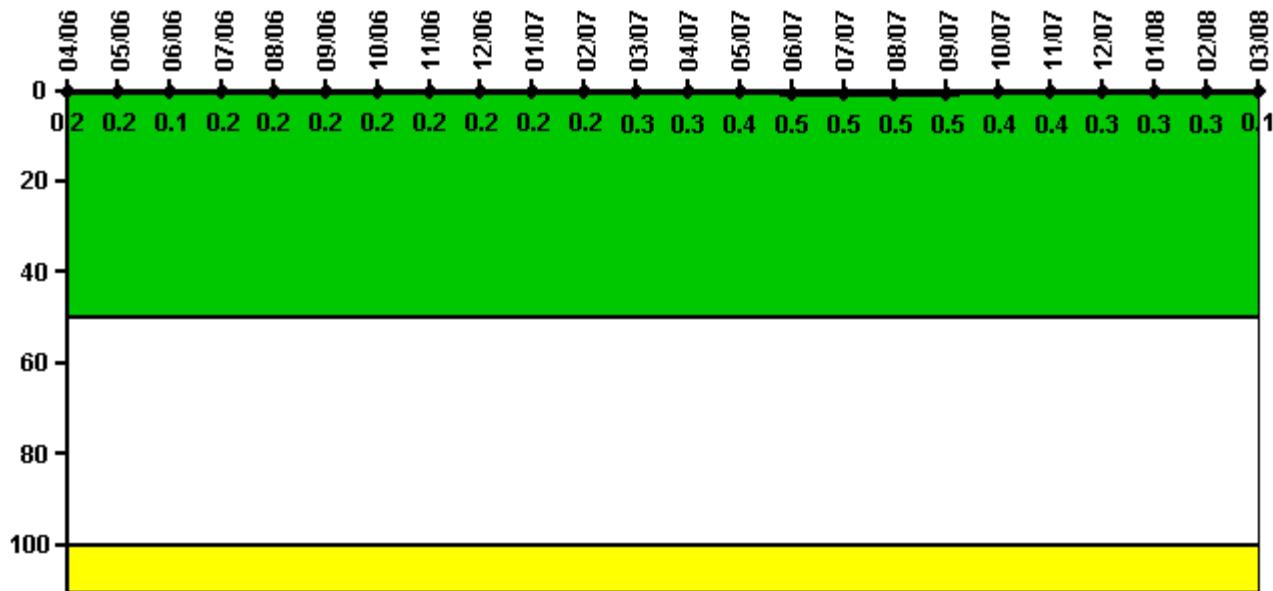
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 2Q/06            | 3Q/06            | 4Q/06            | 1Q/07            | 2Q/07            | 3Q/07            | 4Q/07            | 1Q/08            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)   | 8.00E-08         | 4.50E-08         | 4.50E-08         | 4.10E-08         | -3.50E-11        | -3.50E-11        | -1.70E-09        | -1.70E-09        |
| URI ( $\Delta$ CDF)   | -2.90E-07        | -2.90E-07        | -2.80E-07        | -2.70E-07        | -2.30E-08        | -2.80E-08        | -2.80E-07        | -2.70E-07        |
| PLE   | NO               |
| Indicator value   | <b>-2.10E-07</b> | <b>-2.45E-07</b> | <b>-2.35E-07</b> | <b>-2.29E-07</b> | <b>-2.30E-08</b> | <b>-2.80E-08</b> | <b>-2.82E-07</b> | <b>-2.72E-07</b> |

Licensee Comments: none

## Reactor Coolant System Activity



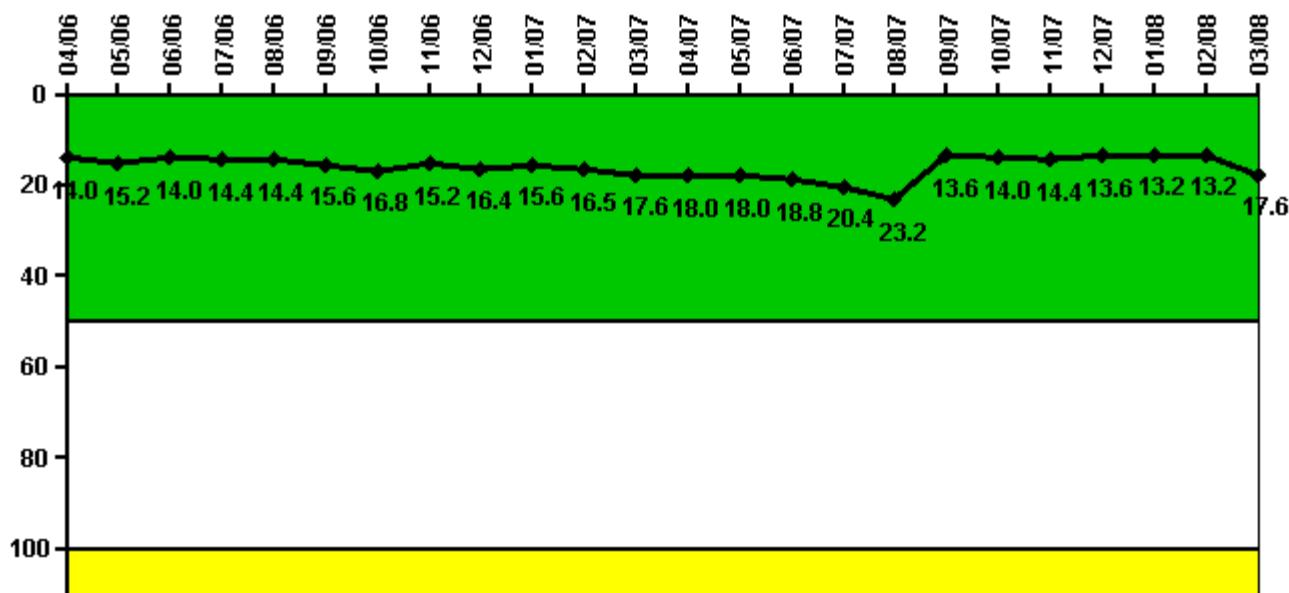
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Activity | 4/06       | 5/06       | 6/06       | 7/06       | 8/06       | 9/06       | 10/06      | 11/06      | 12/06      | 1/07       | 2/07       | 3/07       |
|---------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Maximum activity                | 0.000406   | 0.000301   | 0.000282   | 0.000362   | 0.000345   | 0.000343   | 0.000348   | 0.000365   | 0.000381   | 0.000396   | 0.000402   | 0.000517   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| Indicator value                 | <b>0.2</b> | <b>0.2</b> | <b>0.1</b> | <b>0.2</b> | <b>0.3</b> |
| Reactor Coolant System Activity | 4/07       | 5/07       | 6/07       | 7/07       | 8/07       | 9/07       | 10/07      | 11/07      | 12/07      | 1/08       | 2/08       | 3/08       |
| Maximum activity                | 0.000593   | 0.000744   | 0.000973   | 0.000986   | 0.000958   | 0.000940   | 0.000769   | 0.000771   | 0.000574   | 0.000650   | 0.000605   | 0.000237   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| Indicator value                 | <b>0.3</b> | <b>0.4</b> | <b>0.5</b> | <b>0.5</b> | <b>0.5</b> | <b>0.5</b> | <b>0.4</b> | <b>0.4</b> | <b>0.3</b> | <b>0.3</b> | <b>0.3</b> | <b>0.1</b> |

Licensee Comments: none

## Reactor Coolant System Leakage



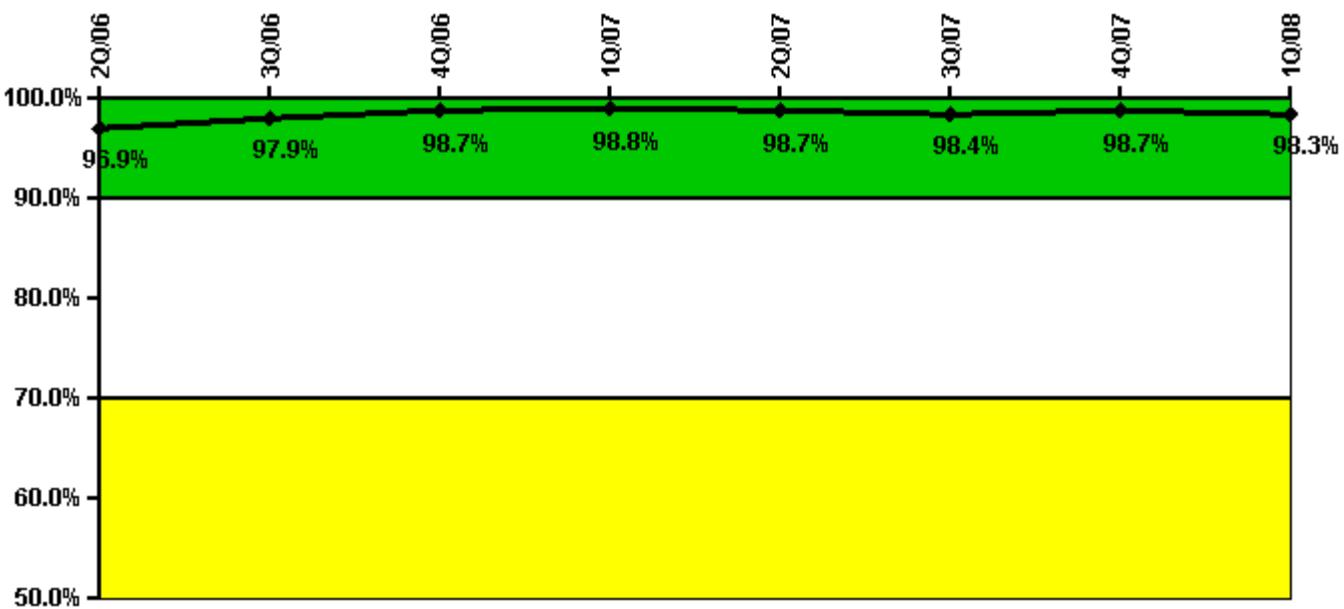
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Leakage | 4/06        | 5/06        | 6/06        | 7/06        | 8/06        | 9/06        | 10/06       | 11/06       | 12/06       | 1/07        | 2/07        | 3/07        |
|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Maximum leakage                | 3.500       | 3.800       | 3.500       | 3.600       | 3.600       | 3.900       | 4.200       | 3.800       | 4.100       | 3.900       | 4.120       | 4.400       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| <b>Indicator value</b>         | <b>14.0</b> | <b>15.2</b> | <b>14.0</b> | <b>14.4</b> | <b>14.4</b> | <b>15.6</b> | <b>16.8</b> | <b>15.2</b> | <b>16.4</b> | <b>15.6</b> | <b>16.5</b> | <b>17.6</b> |
| Reactor Coolant System Leakage | 4/07        | 5/07        | 6/07        | 7/07        | 8/07        | 9/07        | 10/07       | 11/07       | 12/07       | 1/08        | 2/08        | 3/08        |
| Maximum leakage                | 4.500       | 4.500       | 4.700       | 5.100       | 5.800       | 3.400       | 3.500       | 3.600       | 3.400       | 3.300       | 3.300       | 4.400       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| <b>Indicator value</b>         | <b>18.0</b> | <b>18.0</b> | <b>18.8</b> | <b>20.4</b> | <b>23.2</b> | <b>13.6</b> | <b>14.0</b> | <b>14.4</b> | <b>13.6</b> | <b>13.2</b> | <b>13.2</b> | <b>17.6</b> |

Licensee Comments: none

## Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

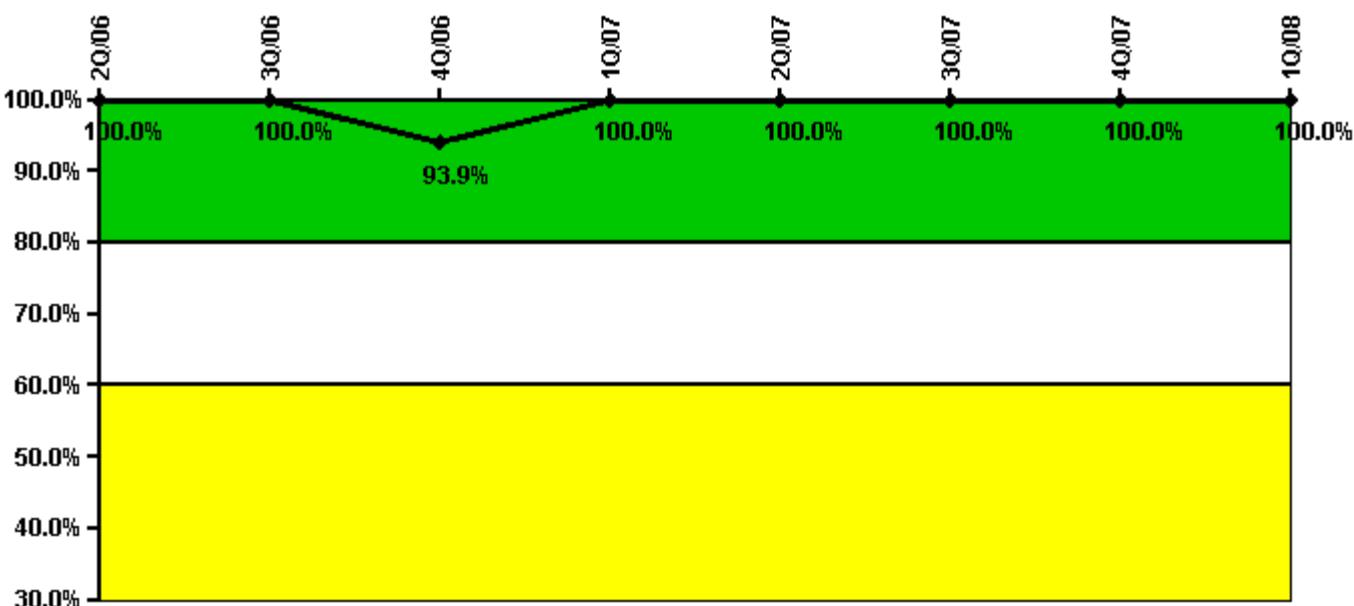
### Notes

| Drill/Exercise Performance | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities   | 41.0  | 30.0  | 42.0  | 26.0  | 28.0  | 66.0  | 50.0  | 7.0   |
| Total opportunities        | 42.0  | 30.0  | 43.0  | 26.0  | 28.0  | 68.0  | 50.0  | 8.0   |
| Indicator value            | 96.9% | 97.9% | 98.7% | 98.8% | 98.7% | 98.4% | 98.7% | 98.3% |

### Licensee Comments:

3Q/07: An internal audit identified that an opportunity had been counted in the August 2007 data that had not been properly evaluated. This decreased the number of total drill, exercise and event opportunities from 53 to 52. This error had no impact on the Performance Indicator color, and has been entered into the plant's corrective action program.

## ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

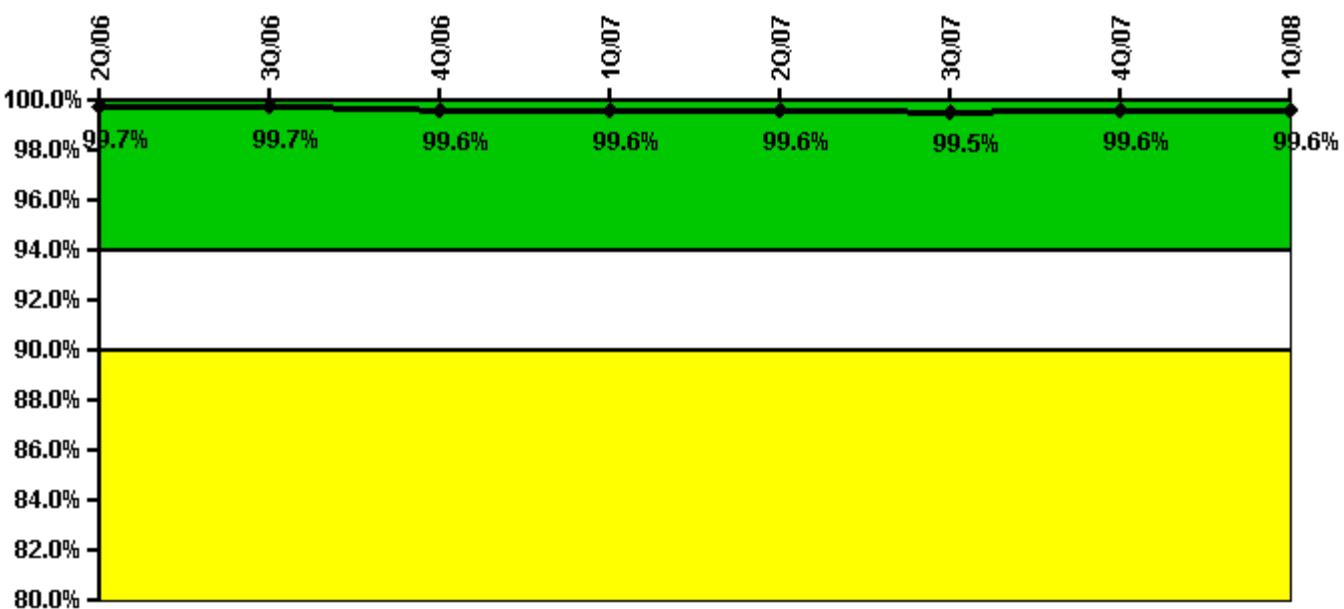
### Notes

| ERO Drill Participation     | 2Q/06         | 3Q/06         | 4Q/06        | 1Q/07         | 2Q/07         | 3Q/07         | 4Q/07         | 1Q/08         |
|-----------------------------|---------------|---------------|--------------|---------------|---------------|---------------|---------------|---------------|
| Participating Key personnel | 63.0          | 60.0          | 62.0         | 62.0          | 65.0          | 68.0          | 65.0          | 63.0          |
| Total Key personnel         | 63.0          | 60.0          | 66.0         | 62.0          | 65.0          | 68.0          | 65.0          | 63.0          |
| Indicator value             | <b>100.0%</b> | <b>100.0%</b> | <b>93.9%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> |

### Licensee Comments:

4Q/07: An internal audit identified that a qualified TSC Director with valid participation had inadvertently not been counted in the November 2007 data. This increased the number of total and participating key personnel from 64 to 65. This error had no impact on the Performance Indicator color, and has been entered into the plant's corrective action program.

# Alert & Notification System



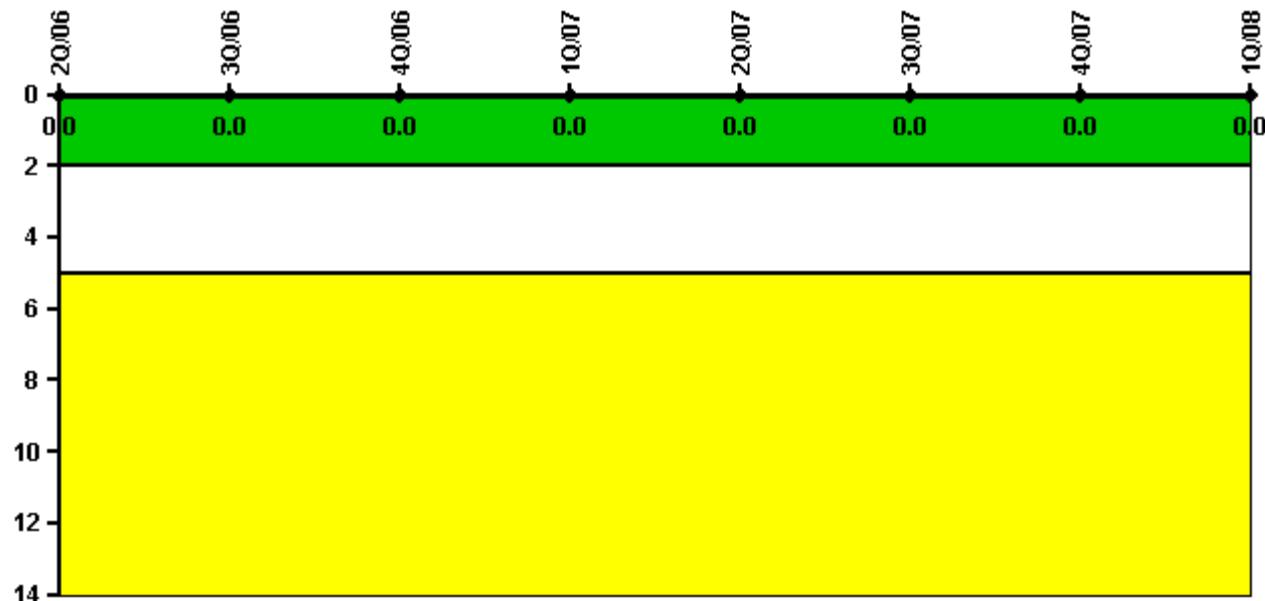
Thresholds: White < 94.0% Yellow < 90.0%

## Notes

| Alert & Notification System | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests      | 3191  | 3189  | 3131  | 3188  | 3188  | 3182  | 3191  | 3191  |
| Total sirens-tests          | 3200  | 3200  | 3150  | 3197  | 3200  | 3200  | 3200  | 3200  |
| Indicator value             | 99.7% | 99.7% | 99.6% | 99.6% | 99.6% | 99.5% | 99.6% | 99.6% |

Licensee Comments: none

## Occupational Exposure Control Effectiveness



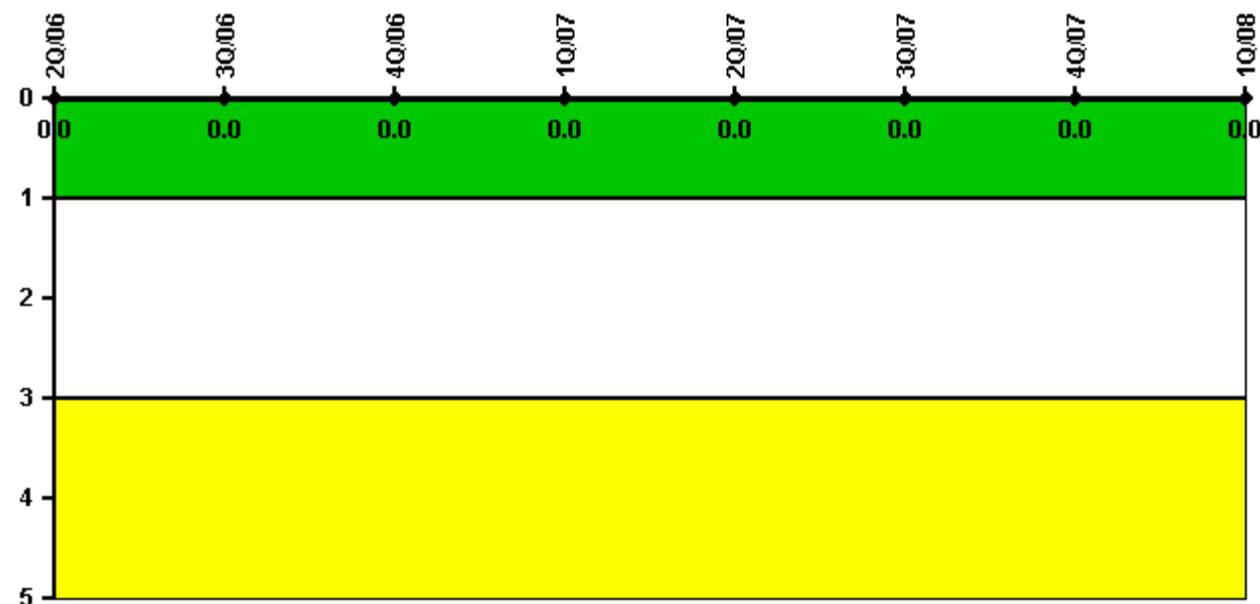
Thresholds: White > 2.0 Yellow > 5.0

### Notes

| Occupational Exposure Control Effectiveness | 2Q/06    | 3Q/06    | 4Q/06    | 1Q/07    | 2Q/07    | 3Q/07    | 4Q/07    | 1Q/08    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>0</b> |

Licensee Comments: none

## RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

### Notes

| RETS/ODCM Radiological Effluent | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

[Physical Protection](#) information not publicly available.



[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: April 30, 2008

# La Salle 1

## 2Q/2008 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



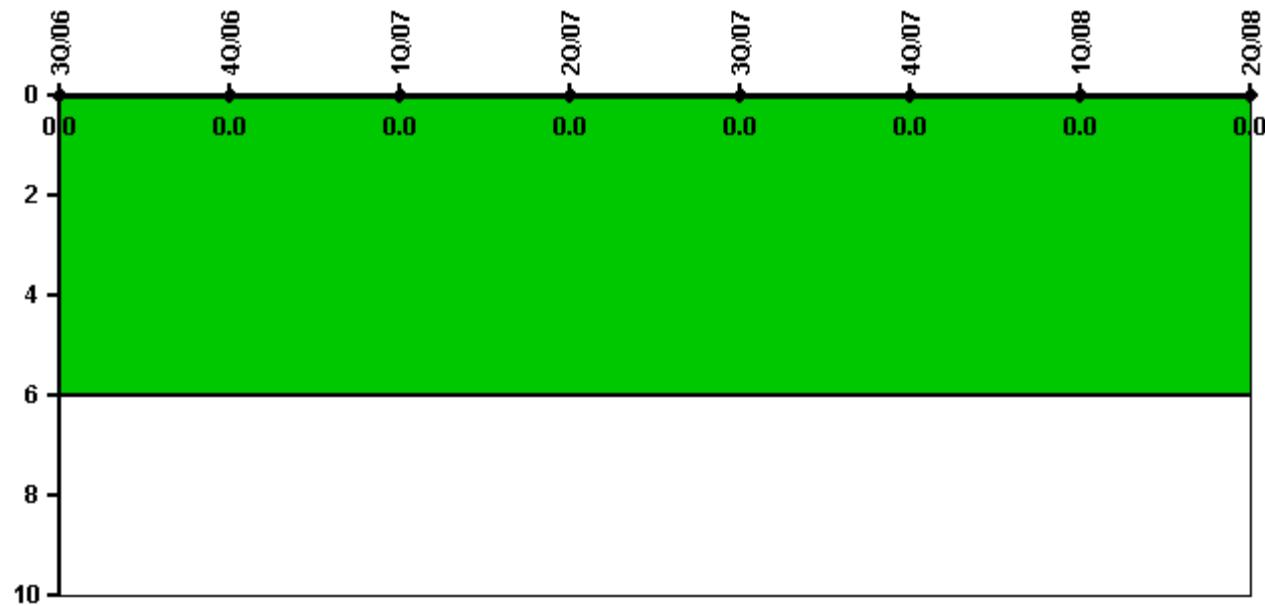
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

| Unplanned Scrams per 7000 Critical Hrs | 3Q/06  | 4Q/06  | 1Q/07  | 2Q/07  | 3Q/07  | 4Q/07  | 1Q/08  | 2Q/08  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Critical hours                         | 2208.0 | 2209.0 | 2159.0 | 2184.0 | 2208.0 | 2209.0 | 1614.8 | 2184.0 |
| Indicator value                        | 0.9    | 0.9    | 0      | 0      | 0      | 0      | 0      | 0      |

Licensee Comments: none

## Unplanned Power Changes per 7000 Critical Hrs



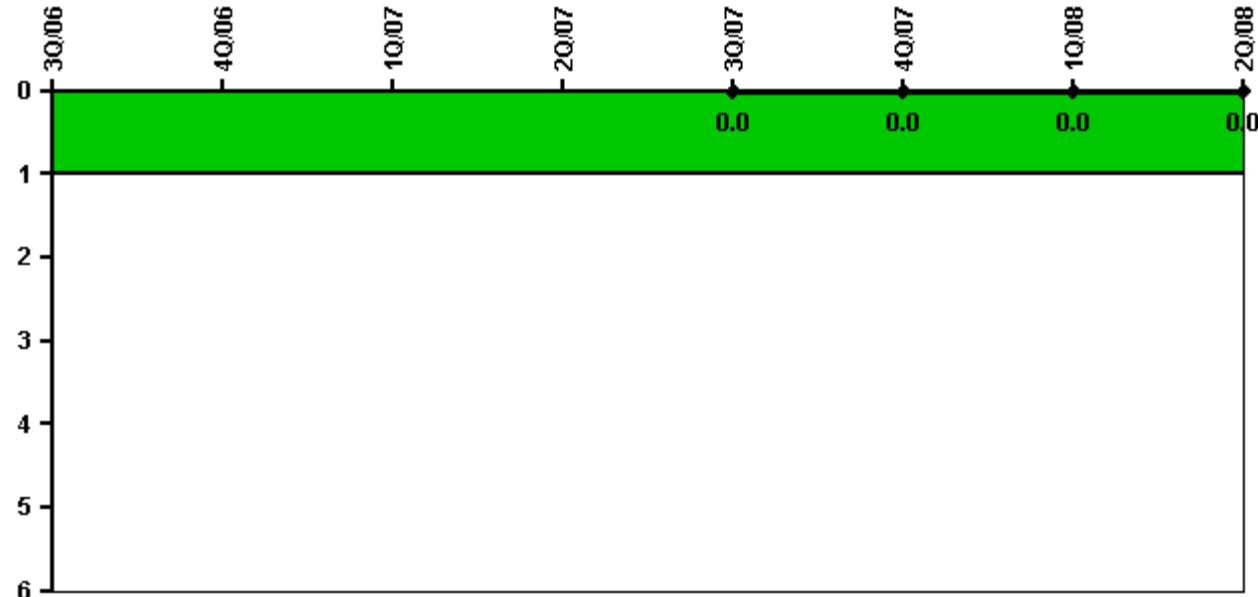
Thresholds: White > 6.0

### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 3Q/06  | 4Q/06  | 1Q/07  | 2Q/07  | 3Q/07  | 4Q/07  | 1Q/08  | 2Q/08  |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes                       | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Critical hours                                | 2208.0 | 2209.0 | 2159.0 | 2184.0 | 2208.0 | 2209.0 | 1614.8 | 2184.0 |
| Indicator value                               | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |

Licensee Comments: none

## Unplanned Scrams with Complications



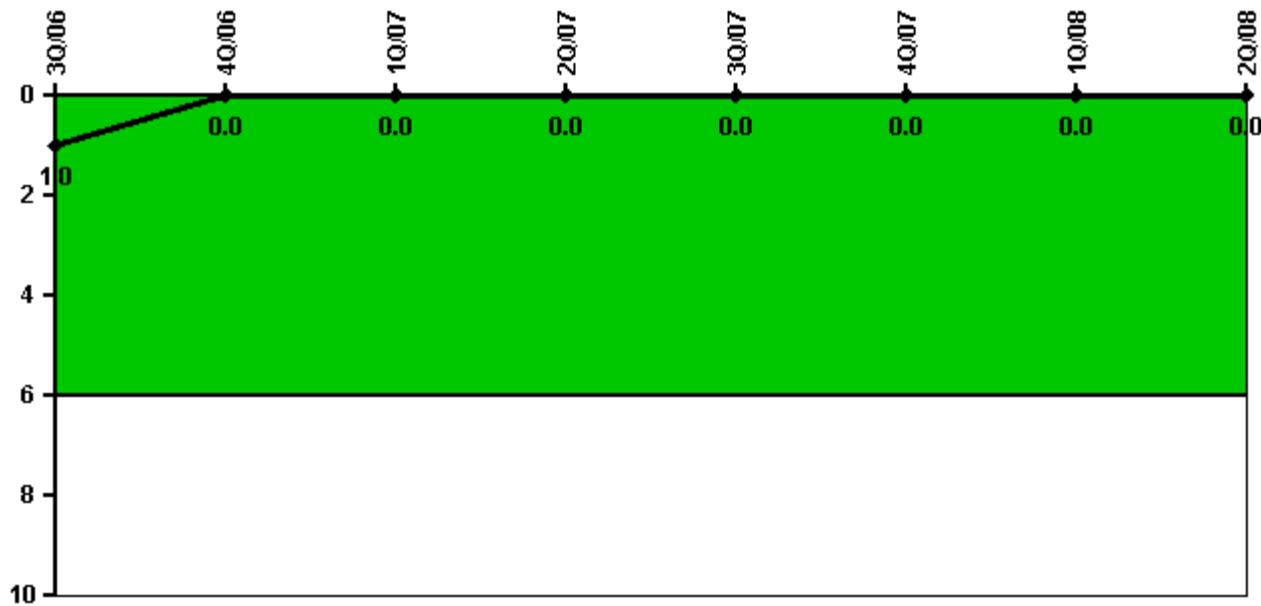
Thresholds: White > 1.0

### Notes

| Unplanned Scrams with Complications | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 |
|-------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams with complications           |       | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
|                                     |       |       |       |       |       |       |       |       |
|                                     |       |       |       |       |       |       |       |       |
| Indicator value                     |       |       |       |       | 0.0   | 0.0   | 0.0   | 0.0   |

Licensee Comments: none

## Safety System Functional Failures (BWR)



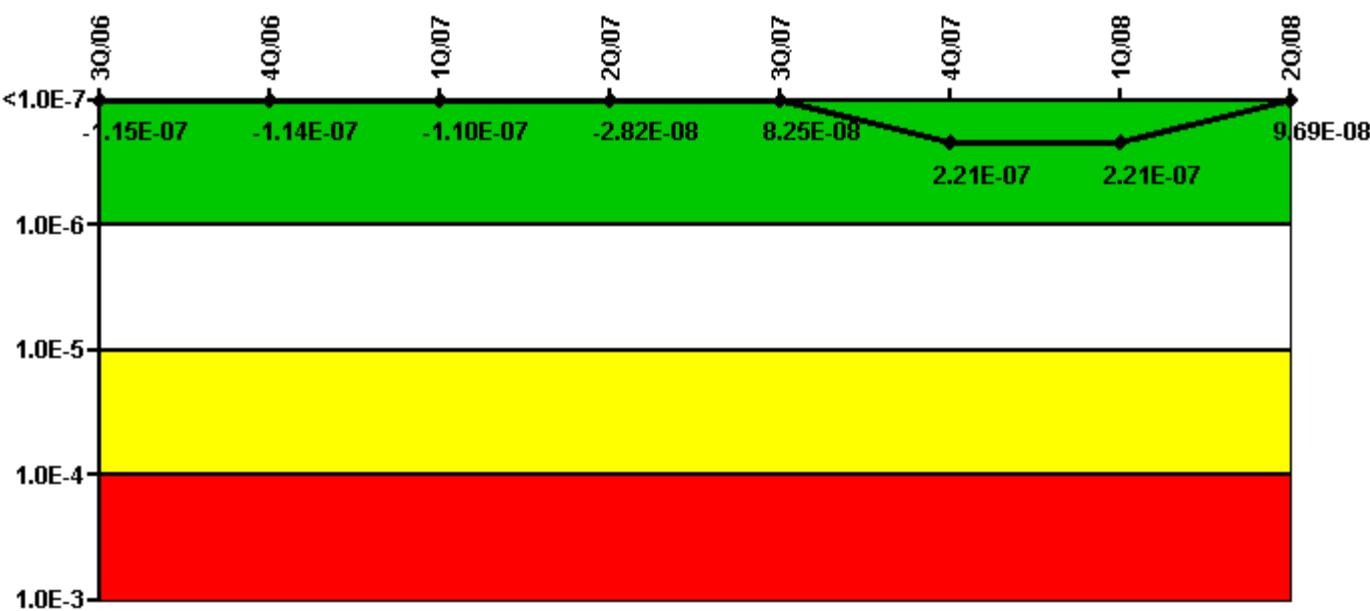
Thresholds: White > 6.0

### Notes

| Safety System Functional Failures (BWR) | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures       | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                         | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

# Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

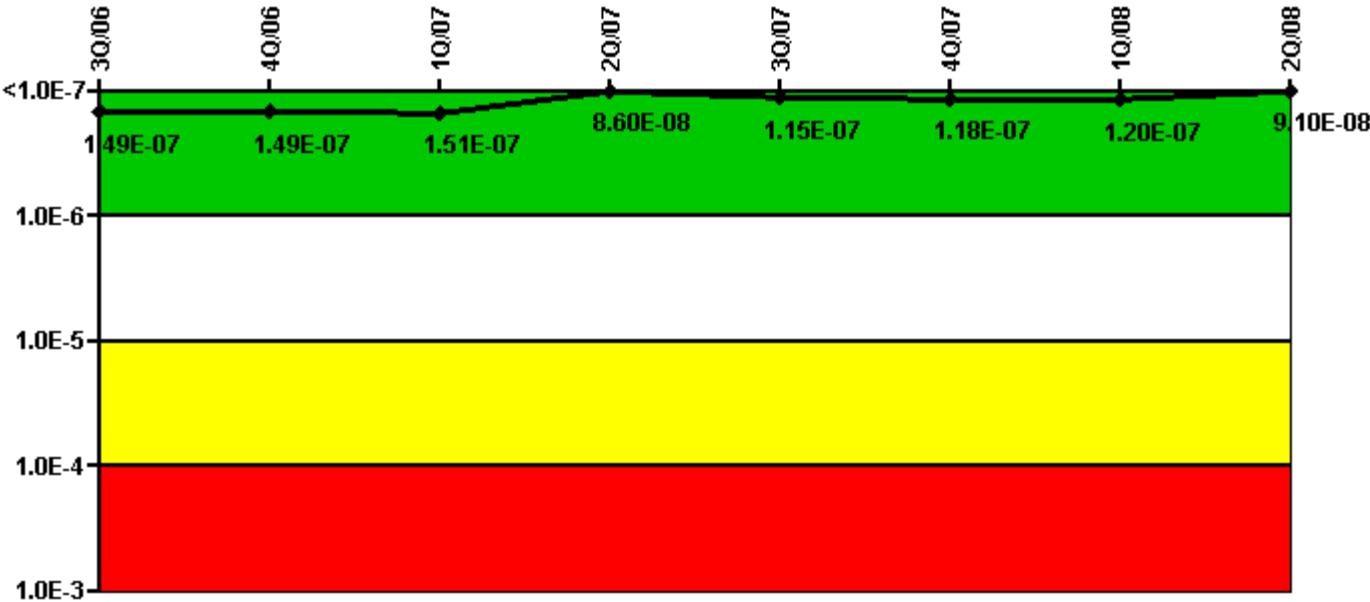
## Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 3Q/06            | 4Q/06            | 1Q/07            | 2Q/07            | 3Q/07           | 4Q/07           | 1Q/08           | 2Q/08           |
|---|------------------|------------------|------------------|------------------|-----------------|-----------------|-----------------|-----------------|
| UAI ( $\Delta$ CDF)   | -1.50E-08        | -1.50E-08        | -1.50E-08        | -3.20E-09        | -3.50E-09       | -9.20E-09       | -9.10E-09       | -3.10E-09       |
| URI ( $\Delta$ CDF)   | -1.00E-07        | -9.90E-08        | -9.50E-08        | -2.50E-08        | 8.60E-08        | 2.30E-07        | 2.30E-07        | 1.00E-07        |
| PLE   | NO               | NO               | NO               | NO               | NO              | NO              | NO              | NO              |
| Indicator value   | <b>-1.15E-07</b> | <b>-1.14E-07</b> | <b>-1.10E-07</b> | <b>-2.82E-08</b> | <b>8.25E-08</b> | <b>2.21E-07</b> | <b>2.21E-07</b> | <b>9.69E-08</b> |

Licensee Comments:

2Q/08: Changed PRA Parameter(s). A new PRA model (2006C) was approved and implemented in the 1st Quarter of 2008. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2008.

# Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

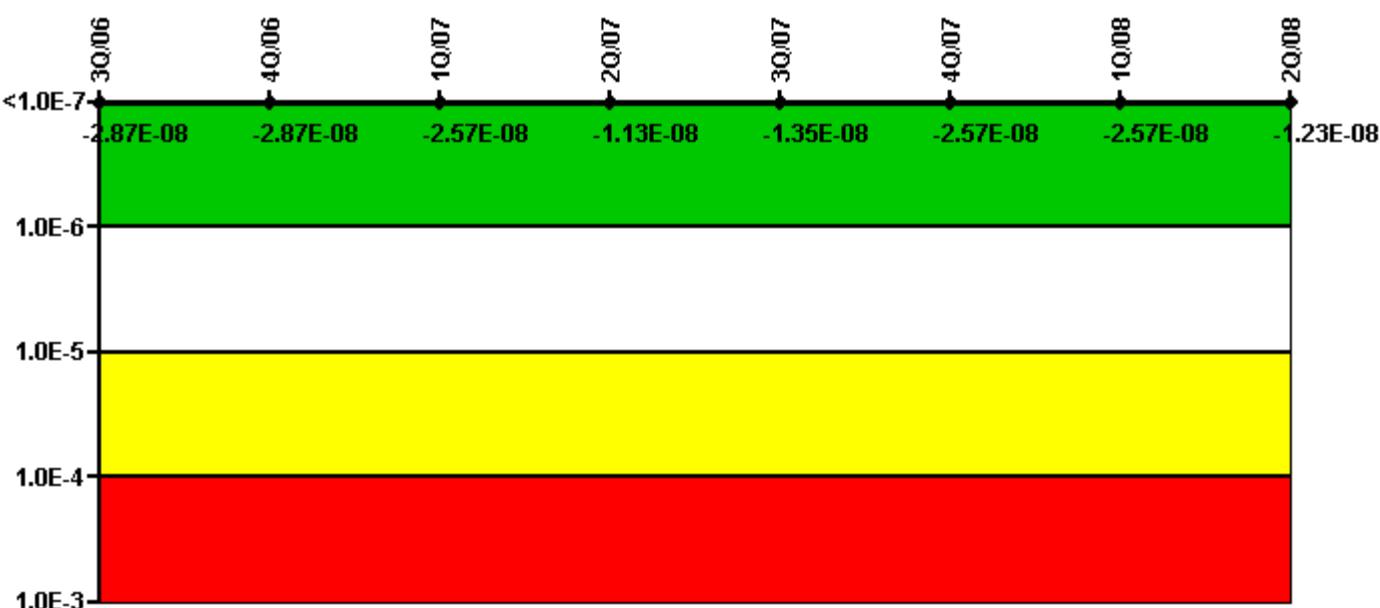
## Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 3Q/06           | 4Q/06           | 1Q/07           | 2Q/07           | 3Q/07           | 4Q/07           | 1Q/08           | 2Q/08           |
|--|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| UAI ( $\Delta$ CDF)  | 1.00E-07        | 1.00E-07        | 9.80E-08        | 2.80E-08        | 3.80E-08        | 6.60E-08        | 7.00E-08        | 3.30E-08        |
| URI ( $\Delta$ CDF)  | 4.90E-08        | 4.90E-08        | 5.30E-08        | 5.80E-08        | 7.70E-08        | 5.20E-08        | 5.00E-08        | 5.80E-08        |
| PLE  | NO              |
| Indicator value  | <b>1.49E-07</b> | <b>1.49E-07</b> | <b>1.51E-07</b> | <b>8.60E-08</b> | <b>1.15E-07</b> | <b>1.18E-07</b> | <b>1.20E-07</b> | <b>9.10E-08</b> |

Licensee Comments:

2Q/08: Changed PRA Parameter(s). A new PRA model (2006C) was approved and implemented in the 1st Quarter of 2008. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2008.

## Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

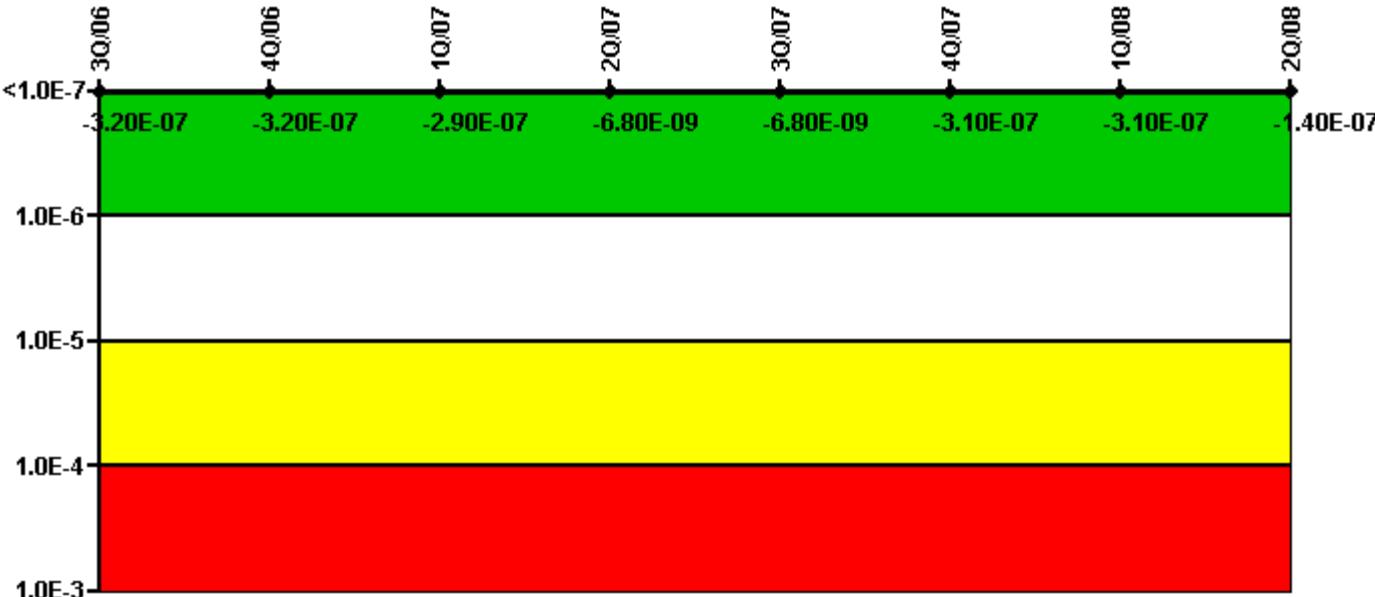
### Notes

| Mitigating Systems Performance Index, Heat Removal System | 3Q/06            | 4Q/06            | 1Q/07            | 2Q/07            | 3Q/07            | 4Q/07            | 1Q/08            | 2Q/08            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)                                       | -9.70E-09        | -9.70E-09        | -9.70E-09        | -4.50E-09        | -5.20E-09        | -9.70E-09        | -9.70E-09        | -4.70E-09        |
| URI ( $\Delta$ CDF)                                       | -1.90E-08        | -1.90E-08        | -1.60E-08        | -6.80E-09        | -8.30E-09        | -1.60E-08        | -1.60E-08        | -7.60E-09        |
| PLE   | NO               |
| Indicator value   | <b>-2.87E-08</b> | <b>-2.87E-08</b> | <b>-2.57E-08</b> | <b>-1.13E-08</b> | <b>-1.35E-08</b> | <b>-2.57E-08</b> | <b>-2.57E-08</b> | <b>-1.23E-08</b> |

Licensee Comments:

2Q/08: Changed PRA Parameter(s). A new PRA model (2006C) was approved and implemented in the 1st Quarter of 2008. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2008.

# Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

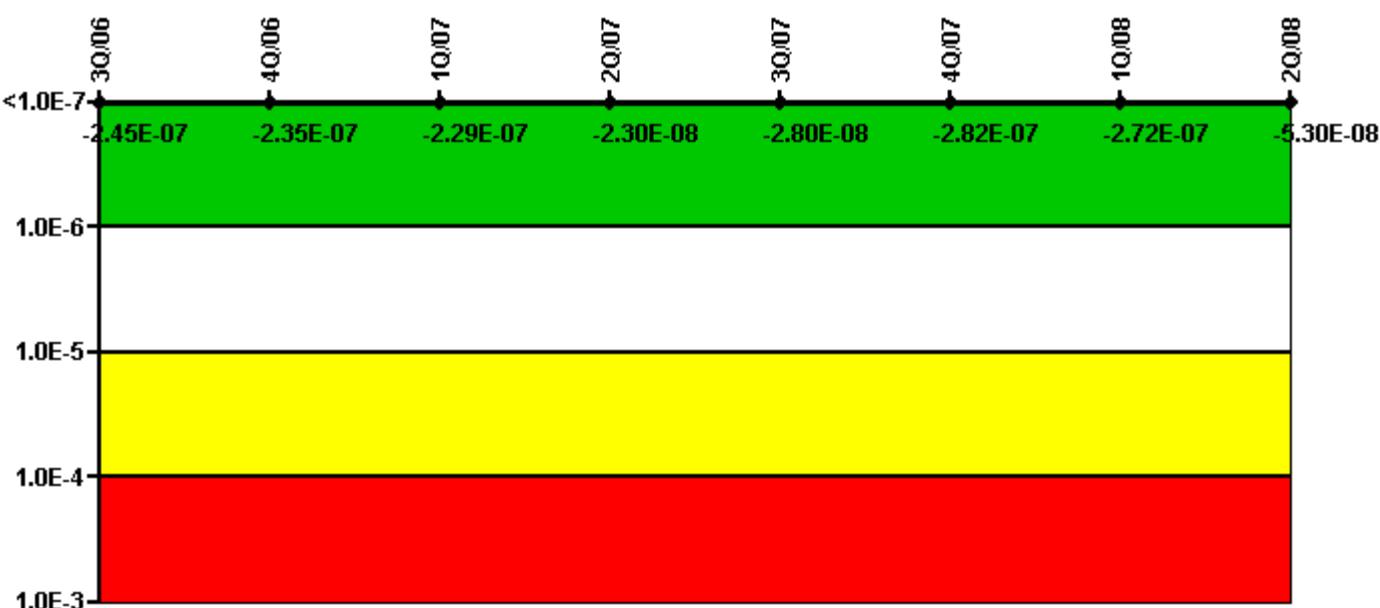
## Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 3Q/06            | 4Q/06            | 1Q/07            | 2Q/07            | 3Q/07            | 4Q/07            | 1Q/08            | 2Q/08            |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)  | -1.30E-07        | -1.30E-07        | -1.30E-07        | -2.60E-09        | -2.50E-09        | -1.30E-07        | -1.30E-07        | -5.70E-08        |
| URI ( $\Delta$ CDF)  | -1.90E-07        | -1.90E-07        | -1.60E-07        | -4.20E-09        | -4.30E-09        | -1.80E-07        | -1.80E-07        | -8.30E-08        |
| PLE  | NO               |
| Indicator value  | <b>-3.20E-07</b> | <b>-3.20E-07</b> | <b>-2.90E-07</b> | <b>-6.80E-09</b> | <b>-6.80E-09</b> | <b>-3.10E-07</b> | <b>-3.10E-07</b> | <b>-1.40E-07</b> |

Licensee Comments:

2Q/08: Changed PRA Parameter(s). A new PRA model (2006C) was approved and implemented in the 1st Quarter of 2008. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2008.

## Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

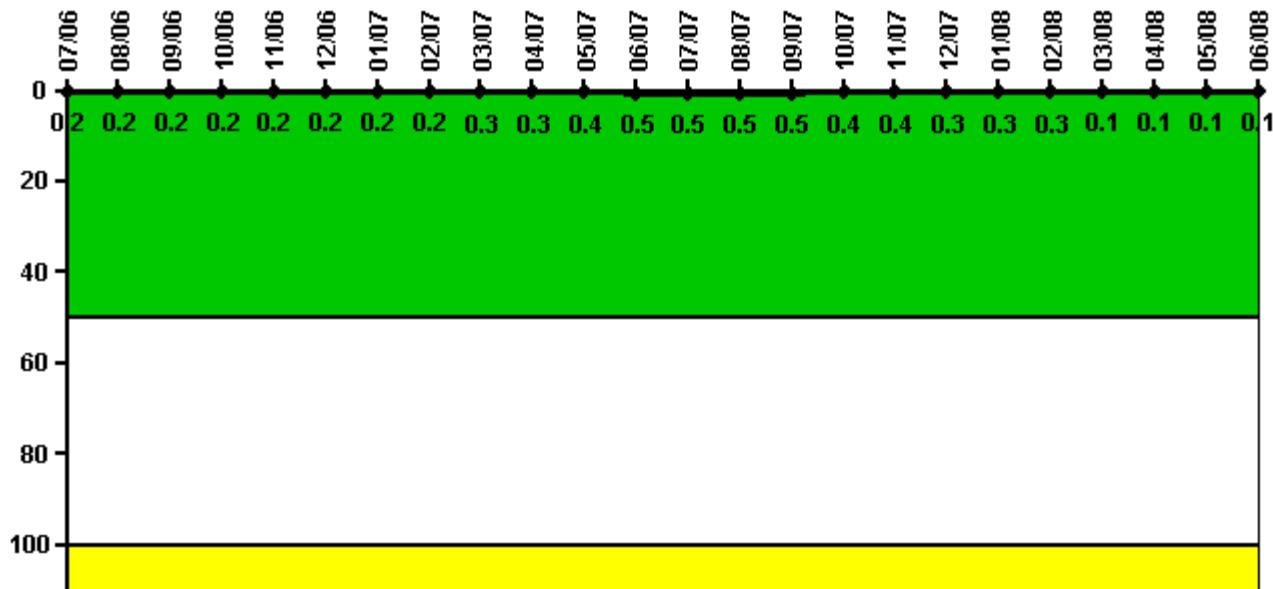
| Mitigating Systems Performance Index, Cooling Water Systems | 3Q/06            | 4Q/06            | 1Q/07            | 2Q/07            | 3Q/07            | 4Q/07            | 1Q/08            | 2Q/08            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)   | 4.50E-08         | 4.50E-08         | 4.10E-08         | -3.50E-11        | -3.50E-11        | -1.70E-09        | -1.70E-09        | 5.70E-08         |
| URI ( $\Delta$ CDF)   | -2.90E-07        | -2.80E-07        | -2.70E-07        | -2.30E-08        | -2.80E-08        | -2.80E-07        | -2.70E-07        | -1.10E-07        |
| PLE   | NO               |
| Indicator value   | <b>-2.45E-07</b> | <b>-2.35E-07</b> | <b>-2.29E-07</b> | <b>-2.30E-08</b> | <b>-2.80E-08</b> | <b>-2.82E-07</b> | <b>-2.72E-07</b> | <b>-5.30E-08</b> |

### Licensee Comments:

2Q/08: Changed PRA Parameter(s). A new PRA model (2006C) was approved and implemented in the 1st Quarter of 2008. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2008.

2Q/06: An internal review identified a minor discrepancy in MSPI data submitted for April 2006. This discrepancy was corrected in the 2nd Quarter 2008 submittal, and did not result in a change in current or past indicator color. This occurrence has been entered into the plant's corrective action program.

## Reactor Coolant System Activity



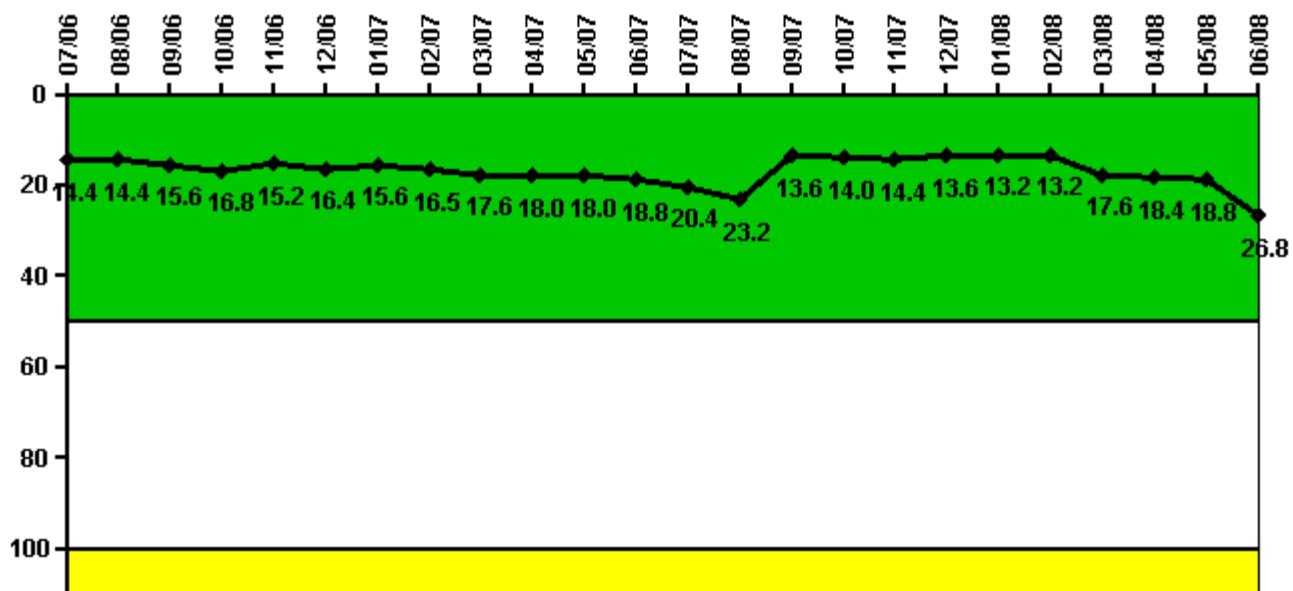
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Activity | 7/06       | 8/06       | 9/06       | 10/06      | 11/06      | 12/06      | 1/07       | 2/07       | 3/07       | 4/07       | 5/07       | 6/07       |
|---------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Maximum activity                | 0.000362   | 0.000345   | 0.000343   | 0.000348   | 0.000365   | 0.000381   | 0.000396   | 0.000402   | 0.000517   | 0.000593   | 0.000744   | 0.000973   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| Indicator value                 | <b>0.2</b> | <b>0.3</b> | <b>0.3</b> | <b>0.4</b> | <b>0.5</b> |
| Reactor Coolant System Activity | 7/07       | 8/07       | 9/07       | 10/07      | 11/07      | 12/07      | 1/08       | 2/08       | 3/08       | 4/08       | 5/08       | 6/08       |
| Maximum activity                | 0.000986   | 0.000958   | 0.000940   | 0.000769   | 0.000771   | 0.000574   | 0.000650   | 0.000605   | 0.000237   | 0.000270   | 0.000267   | 0.000260   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| Indicator value                 | <b>0.5</b> | <b>0.5</b> | <b>0.5</b> | <b>0.4</b> | <b>0.4</b> | <b>0.3</b> | <b>0.3</b> | <b>0.3</b> | <b>0.1</b> | <b>0.1</b> | <b>0.1</b> | <b>0.1</b> |

Licensee Comments: none

## Reactor Coolant System Leakage



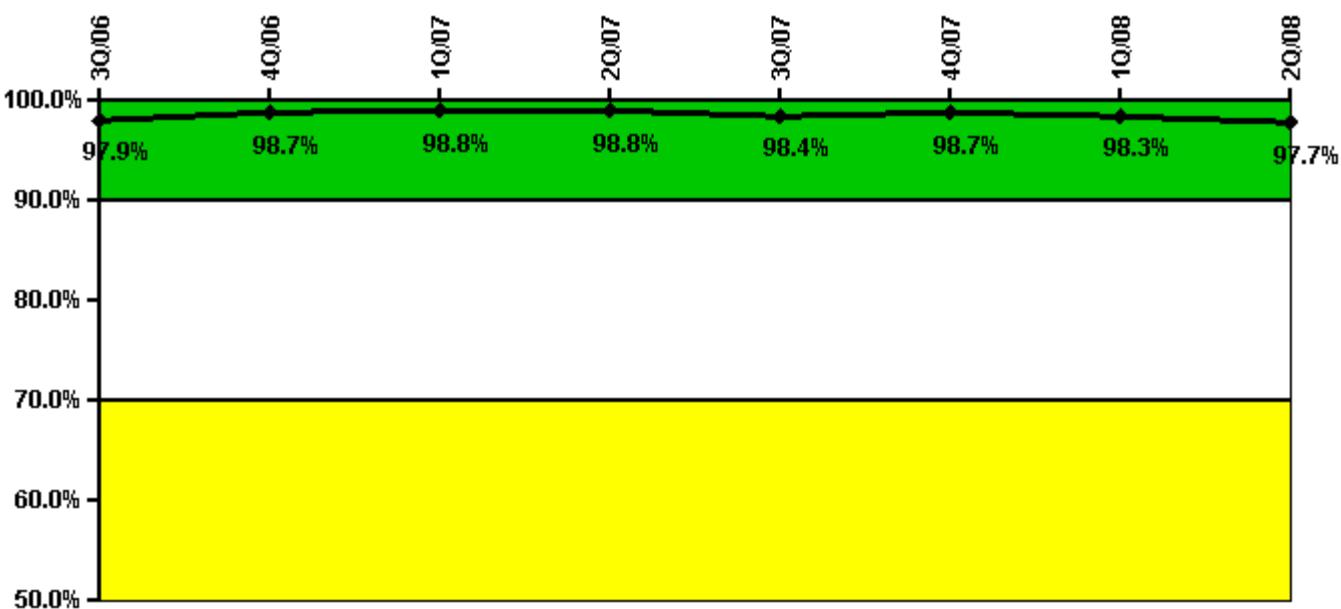
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Leakage | 7/06  | 8/06  | 9/06  | 10/06 | 11/06 | 12/06 | 1/07  | 2/07  | 3/07  | 4/07  | 5/07  | 6/07  |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage                | 3.600 | 3.600 | 3.900 | 4.200 | 3.800 | 4.100 | 3.900 | 4.120 | 4.400 | 4.500 | 4.500 | 4.700 |
| Technical specification limit  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  |
| Indicator value                | 14.4  | 14.4  | 15.6  | 16.8  | 15.2  | 16.4  | 15.6  | 16.5  | 17.6  | 18.0  | 18.0  | 18.8  |
| Reactor Coolant System Leakage | 7/07  | 8/07  | 9/07  | 10/07 | 11/07 | 12/07 | 1/08  | 2/08  | 3/08  | 4/08  | 5/08  | 6/08  |
| Maximum leakage                | 5.100 | 5.800 | 3.400 | 3.500 | 3.600 | 3.400 | 3.300 | 3.300 | 4.400 | 4.600 | 4.700 | 6.700 |
| Technical specification limit  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  |
| Indicator value                | 20.4  | 23.2  | 13.6  | 14.0  | 14.4  | 13.6  | 13.2  | 13.2  | 17.6  | 18.4  | 18.8  | 26.8  |

Licensee Comments: none

## Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

### Notes

| Drill/Exercise Performance | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities   | 37.0  | 35.0  | 26.0  | 44.0  | 50.0  | 50.0  | 7.0   | 49.0  |
| Total opportunities        | 37.0  | 36.0  | 26.0  | 44.0  | 52.0  | 50.0  | 8.0   | 52.0  |
| Indicator value            | 97.9% | 98.7% | 98.8% | 98.8% | 98.4% | 98.7% | 98.3% | 97.7% |

### Licensee Comments:

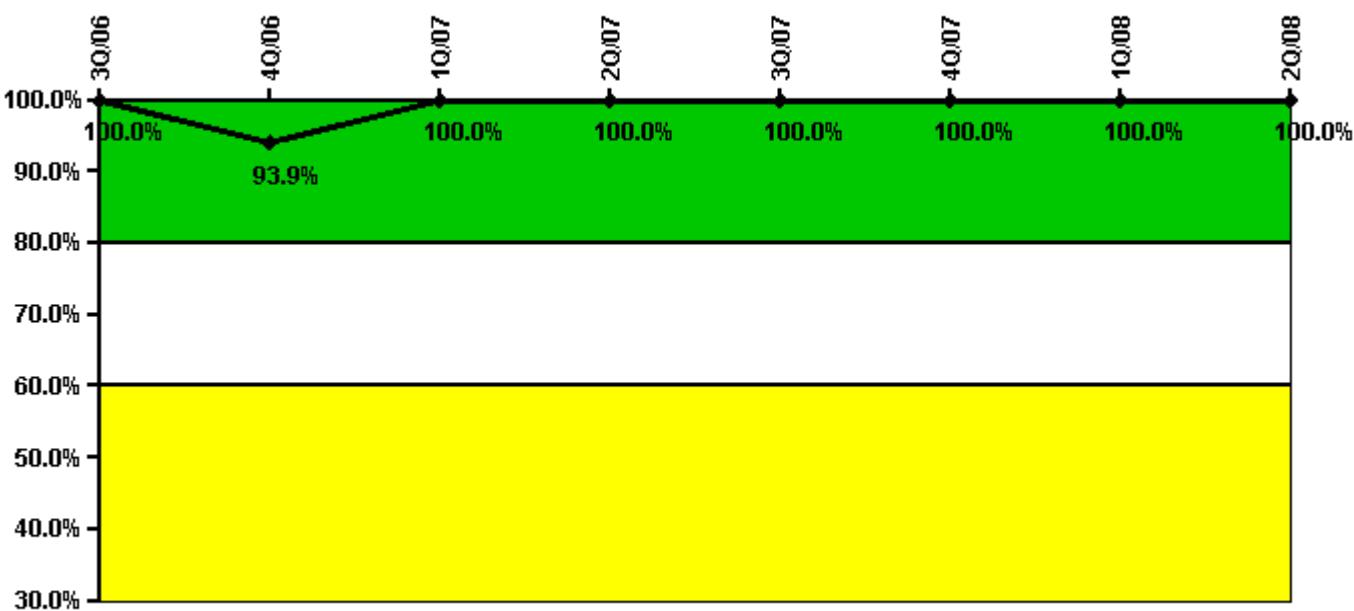
3Q/07: An internal audit identified that an opportunity had been counted in the August 2007 data that had not been properly evaluated. This decreased the number of total drill, exercise and event opportunities from 53 to 52. This error had no impact on the Performance Indicator color, and has been entered into the plant's corrective action program. A subsequent internal audit identified that an opportunity had been counted in the August 2007 data that should have been counted in the June 2007 data. This decreased the number of total drill, exercise and event opportunities in August 2007 from 52 to 36. This error had no impact on the Performance Indicator color, and has been entered into the plant's corrective action program.

2Q/07: An internal audit identified that an opportunity had been counted in the August 2007 data that should have been counted in the June 2007 data. This increased the number of total drill, exercise and event opportunities in June 2007 from 12 to 28. This error had no impact on the Performance Indicator color, and has been entered into the plant's corrective action program.

4Q/06: An internal audit identified that an opportunity had been counted in the October 2006 data that should have been counted in the September 2006 data. This decreased the number of total drill, exercise and event opportunities in October 2006 from 25 to 18. This error had no impact on the Performance Indicator color, and has been entered into the plant's corrective action program.

3Q/06: An internal audit identified that an opportunity had been counted in the October 2006 data that should have been counted in the September 2006 data. This increased the number of total drill, exercise and event opportunities in September 2006 from 0 to 7. This error had no impact on the Performance Indicator color, and has been entered into the plant's corrective action program.

## ERO Drill Participation



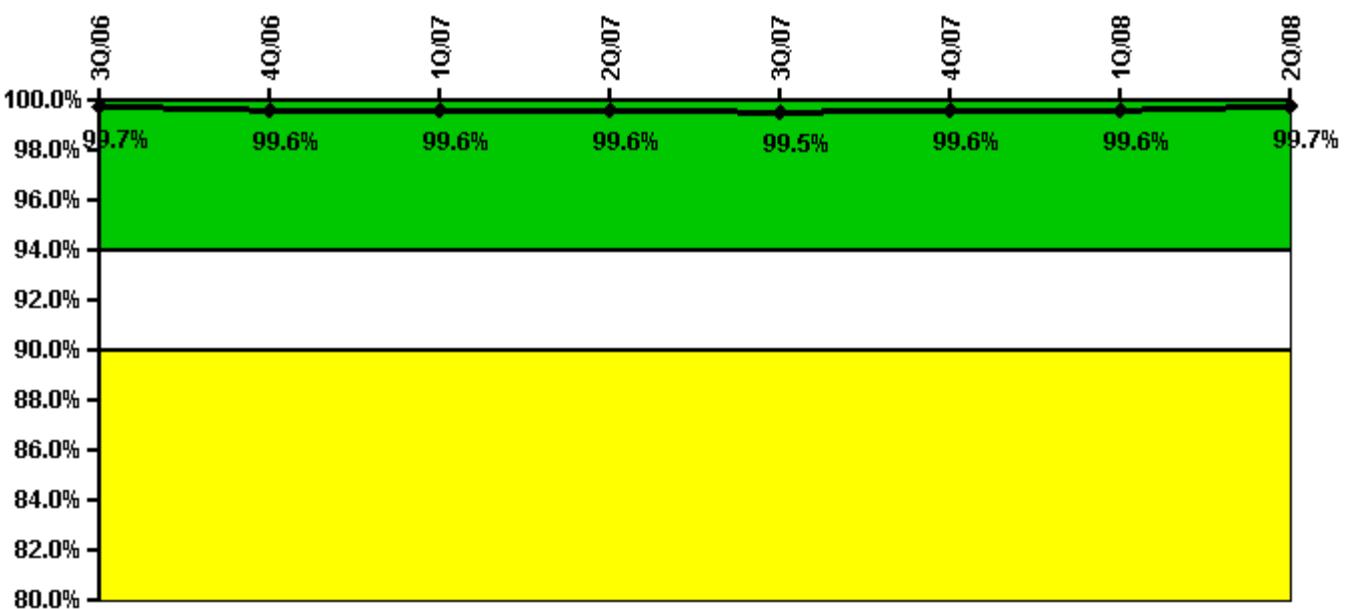
Thresholds: White < 80.0% Yellow < 60.0%

### Notes

| ERO Drill Participation     | 3Q/06         | 4Q/06        | 1Q/07         | 2Q/07         | 3Q/07         | 4Q/07         | 1Q/08         | 2Q/08         |
|-----------------------------|---------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Participating Key personnel | 60.0          | 62.0         | 62.0          | 65.0          | 68.0          | 65.0          | 63.0          | 67.0          |
| Total Key personnel         | 60.0          | 66.0         | 62.0          | 65.0          | 68.0          | 65.0          | 63.0          | 67.0          |
| Indicator value             | <b>100.0%</b> | <b>93.9%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> |

Licensee Comments: none

# Alert & Notification System



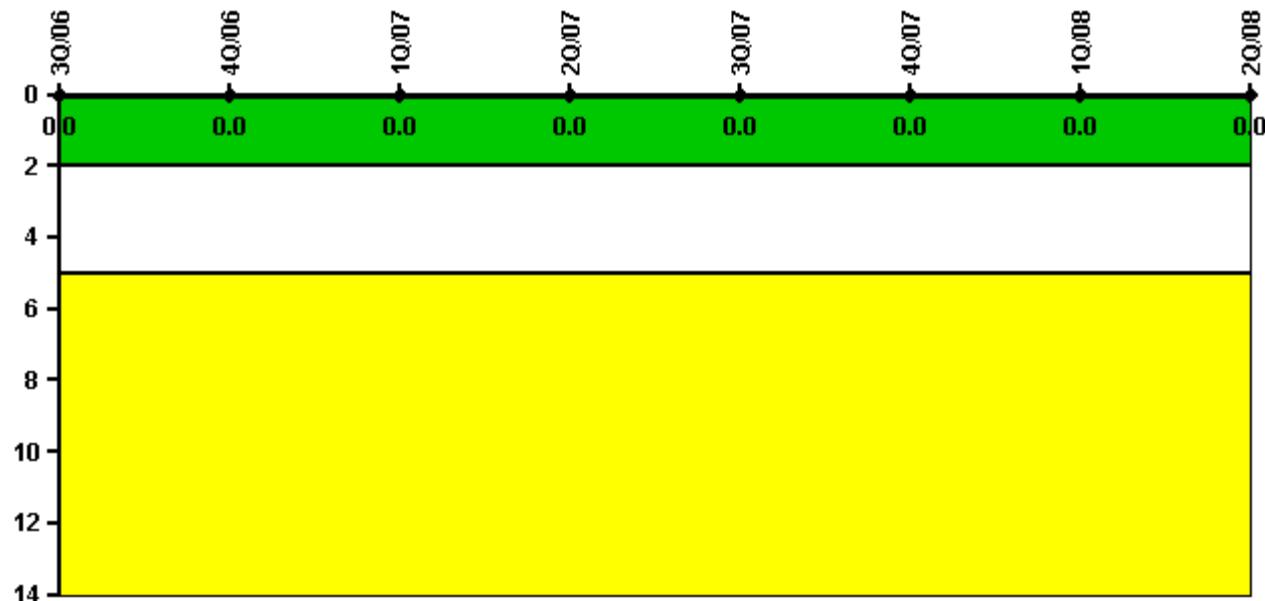
Thresholds: White < 94.0% Yellow < 90.0%

## Notes

| Alert & Notification System | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests      | 3189  | 3131  | 3188  | 3188  | 3182  | 3191  | 3191  | 3196  |
| Total sirens-tests          | 3200  | 3150  | 3197  | 3200  | 3200  | 3200  | 3200  | 3200  |
| Indicator value             | 99.7% | 99.6% | 99.6% | 99.6% | 99.5% | 99.6% | 99.6% | 99.7% |

Licensee Comments: none

## Occupational Exposure Control Effectiveness



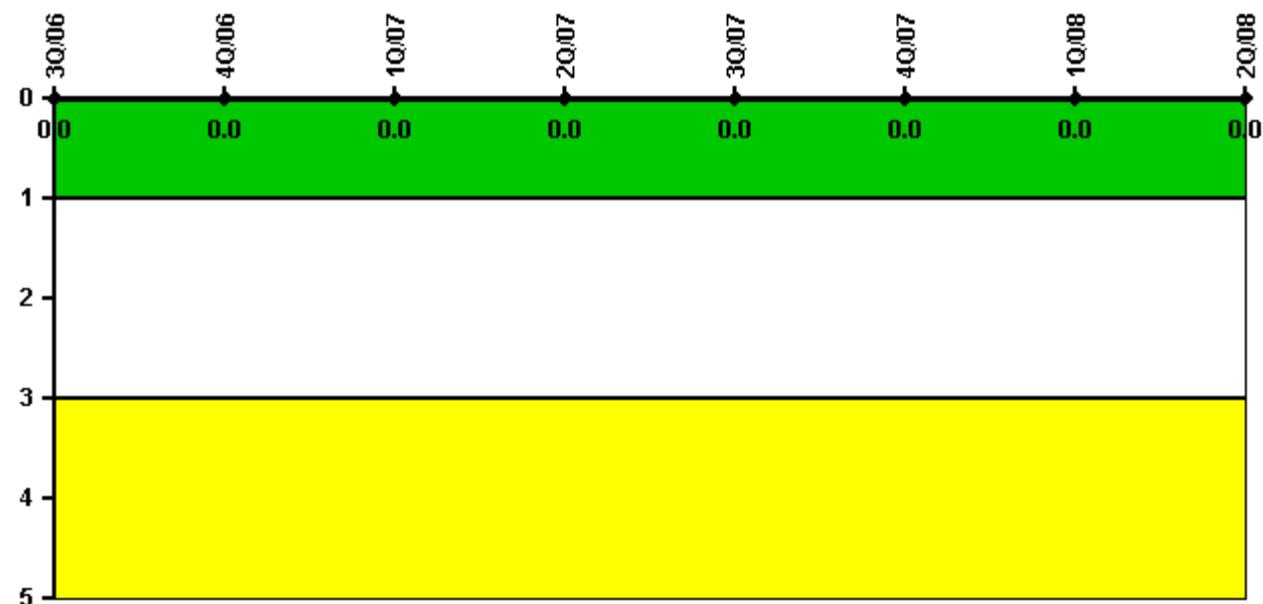
Thresholds: White > 2.0 Yellow > 5.0

### Notes

| Occupational Exposure Control Effectiveness | 3Q/06    | 4Q/06    | 1Q/07    | 2Q/07    | 3Q/07    | 4Q/07    | 1Q/08    | 2Q/08    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>0</b> |

Licensee Comments: none

## RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

### Notes

| RETS/ODCM Radiological Effluent | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
|                                 |       |       |       |       |       |       |       |       |
| Indicator value                 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

[Physical Protection](#) information not publicly available.



[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: August 4, 2008

# La Salle 1

## 3Q/2008 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



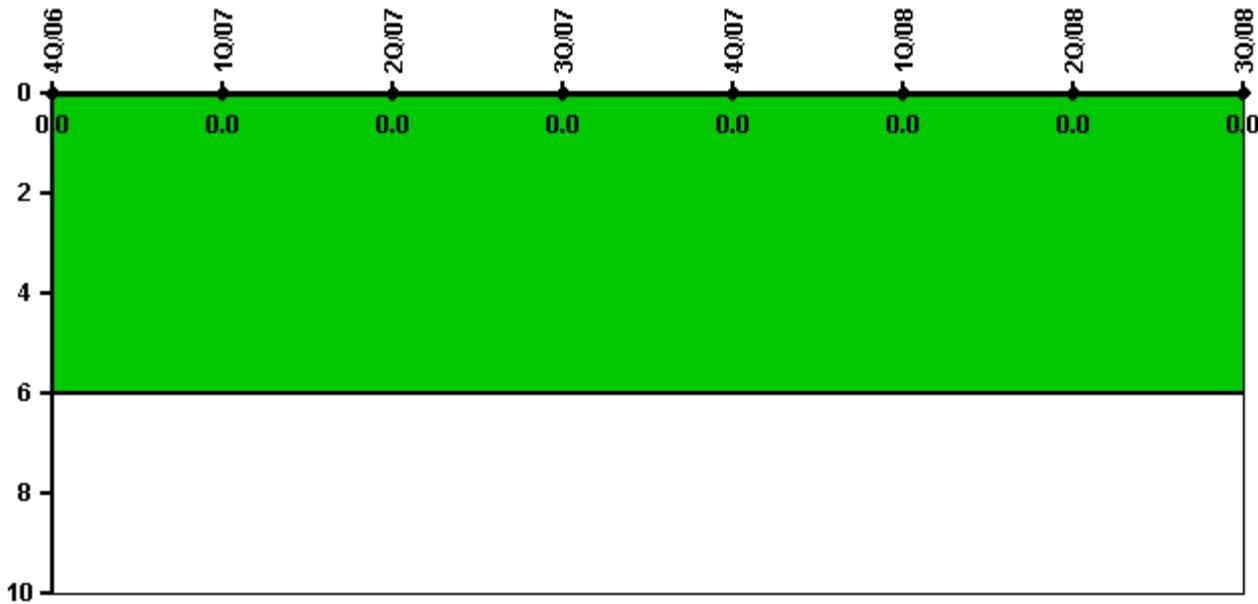
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

| Unplanned Scrams per 7000 Critical Hrs | 4Q/06  | 1Q/07  | 2Q/07  | 3Q/07  | 4Q/07  | 1Q/08  | 2Q/08  | 3Q/08  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Critical hours                         | 2209.0 | 2159.0 | 2184.0 | 2208.0 | 2209.0 | 1614.8 | 2184.0 | 2160.5 |
| Indicator value                        | 0.9    | 0      | 0      | 0      | 0      | 0      | 0      | 0      |

Licensee Comments: none

## Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

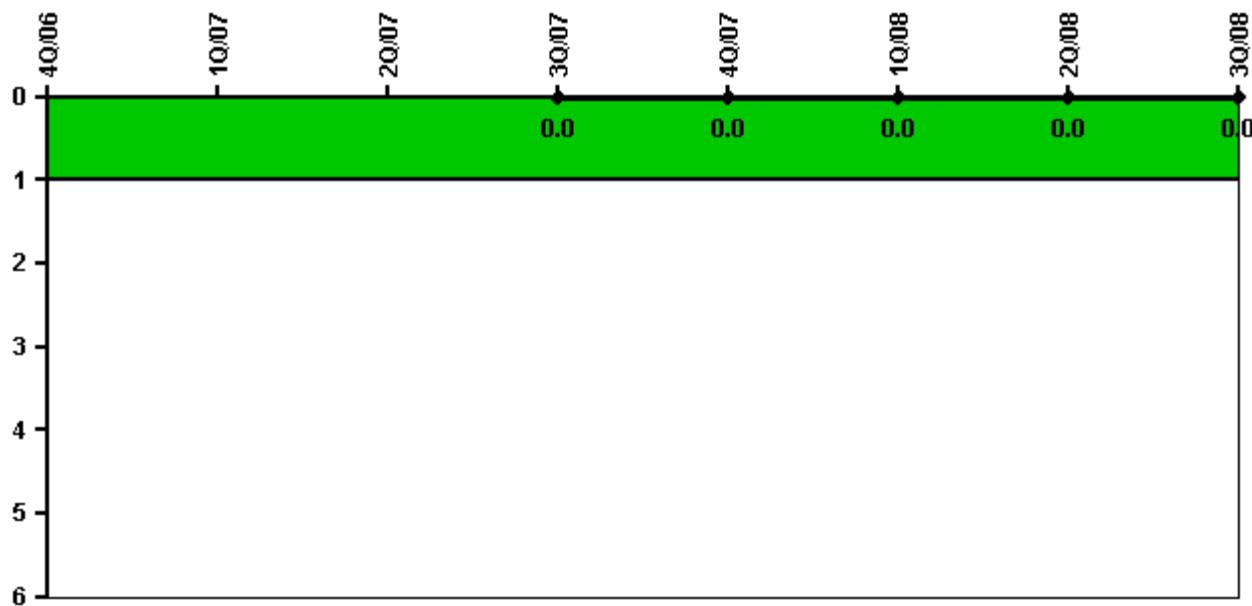
### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 4Q/06    | 1Q/07    | 2Q/07    | 3Q/07    | 4Q/07    | 1Q/08    | 2Q/08    | 3Q/08    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Unplanned power changes                       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Critical hours                                | 2209.0   | 2159.0   | 2184.0   | 2208.0   | 2209.0   | 1614.8   | 2184.0   | 2160.5   |
| Indicator value                               | <b>0</b> |

Licensee Comments: none

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## Unplanned Scrams with Complications



Thresholds: White > 1.0

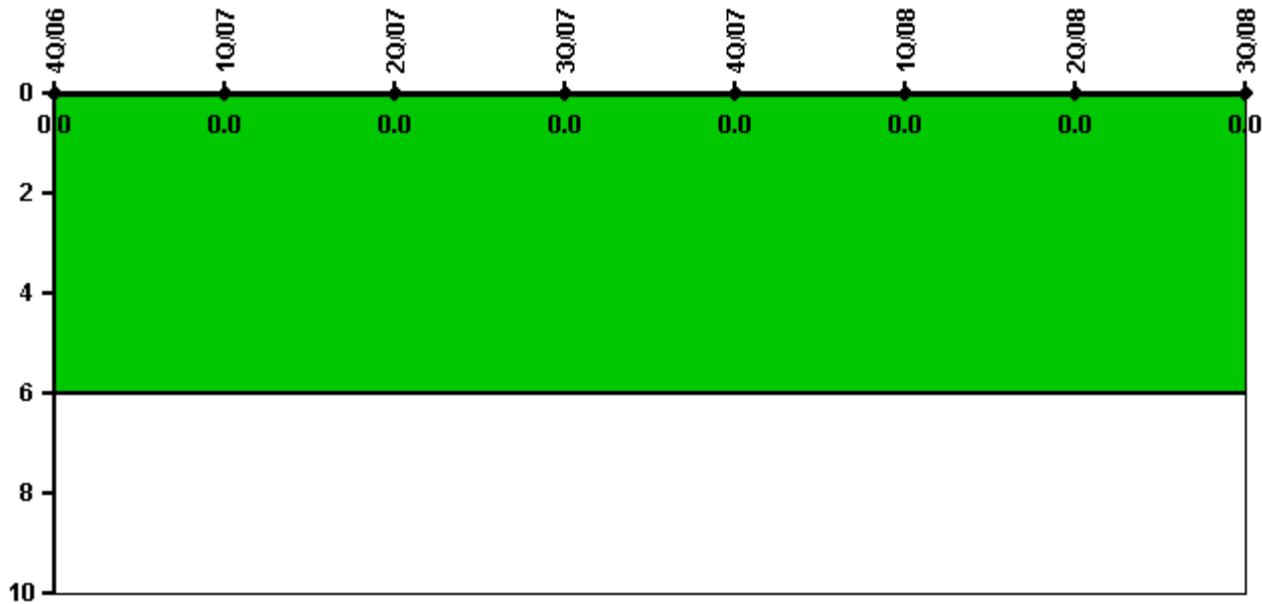
### Notes

| Unplanned Scrams with Complications | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 |
|-------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams with complications           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
|                                     |       |       |       |       |       |       |       |       |
|                                     |       |       |       |       |       |       |       |       |
| Indicator value                     |       |       |       | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

Licensee Comments: none

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## Safety System Functional Failures (BWR)



Thresholds: White > 6.0

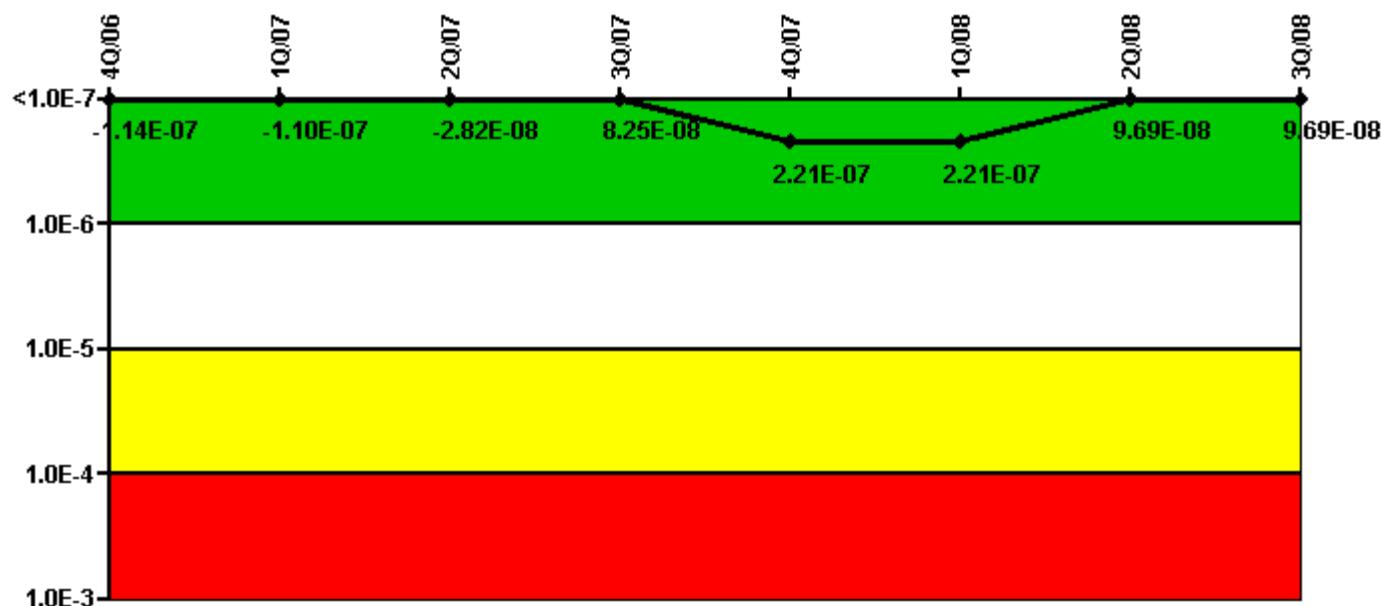
### Notes

| Safety System Functional Failures (BWR) | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures       | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                         | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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## Mitigating Systems Performance Index, Emergency AC Power System



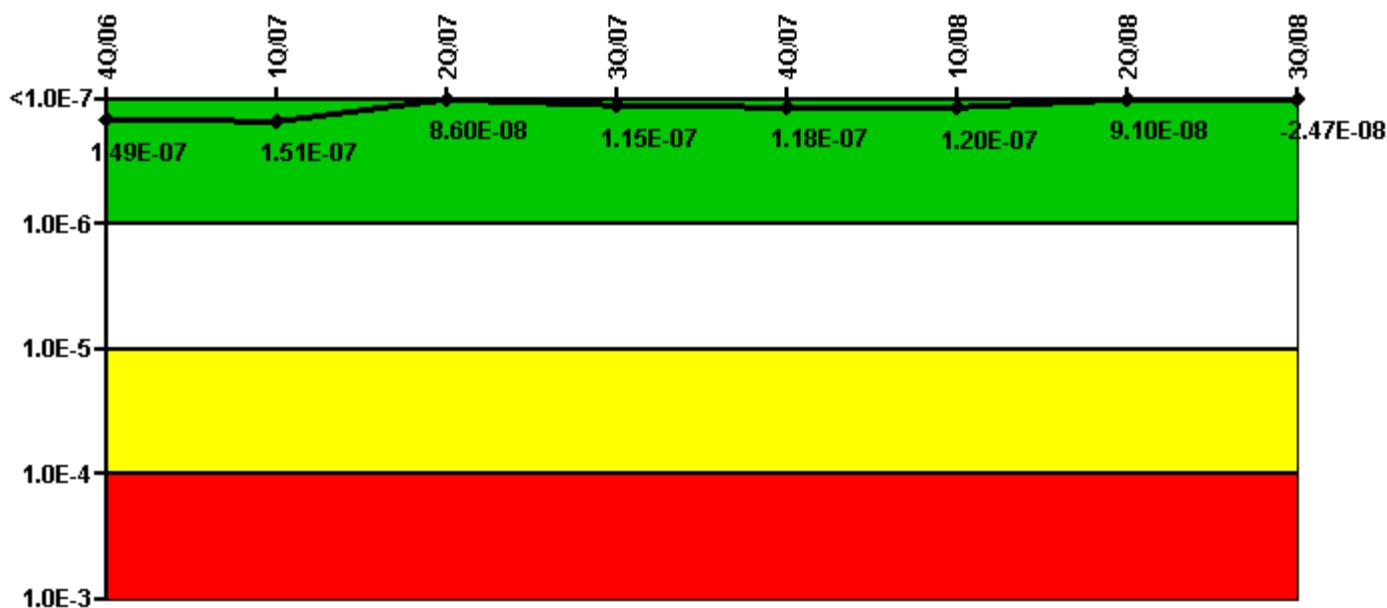
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 4Q/06            | 1Q/07            | 2Q/07            | 3Q/07           | 4Q/07           | 1Q/08           | 2Q/08           | 3Q/08           |
|---|------------------|------------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| UAI ( $\Delta$ CDF)   | -1.50E-08        | -1.50E-08        | -3.20E-09        | -3.50E-09       | -9.20E-09       | -9.10E-09       | -3.10E-09       | -3.10E-09       |
| URI ( $\Delta$ CDF)   | -9.90E-08        | -9.50E-08        | -2.50E-08        | 8.60E-08        | 2.30E-07        | 2.30E-07        | 1.00E-07        | 1.00E-07        |
| PLE   | NO               | NO               | NO               | NO              | NO              | NO              | NO              | NO              |
| Indicator value   | <b>-1.14E-07</b> | <b>-1.10E-07</b> | <b>-2.82E-08</b> | <b>8.25E-08</b> | <b>2.21E-07</b> | <b>2.21E-07</b> | <b>9.69E-08</b> | <b>9.69E-08</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, High Pressure Injection System



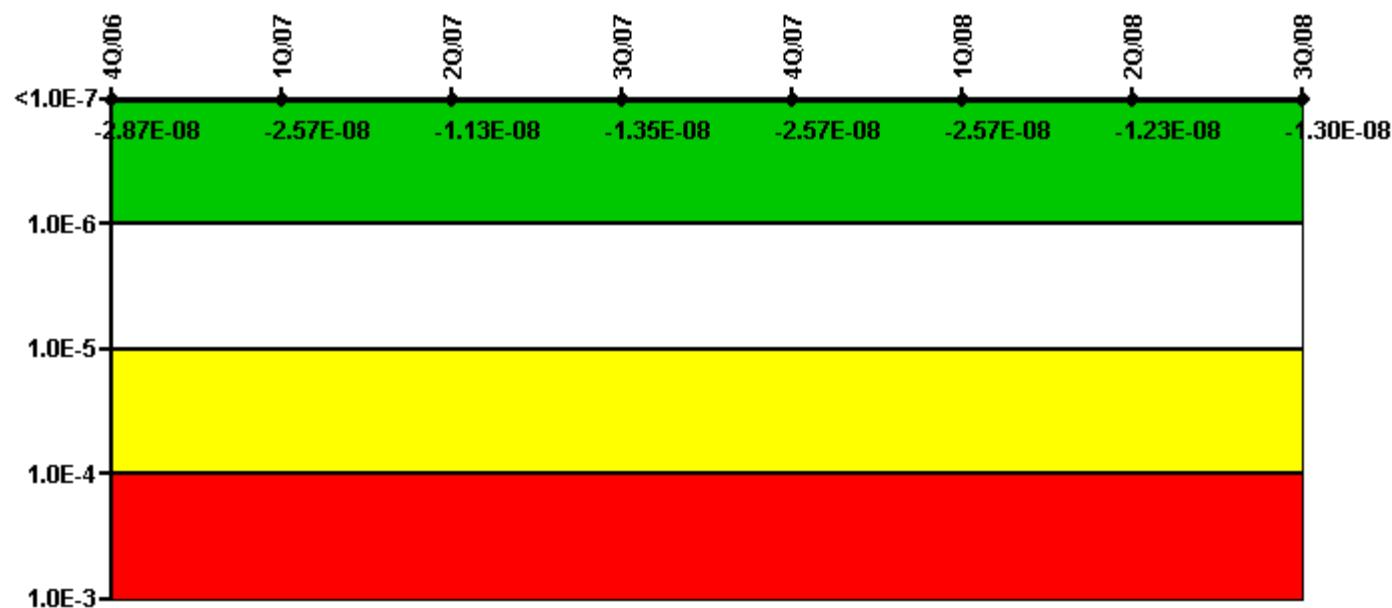
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 4Q/06    | 1Q/07    | 2Q/07    | 3Q/07    | 4Q/07    | 1Q/08    | 2Q/08    | 3Q/08     |
|--|----------|----------|----------|----------|----------|----------|----------|-----------|
| UAI ( $\Delta$ CDF)  | 1.00E-07 | 9.80E-08 | 2.80E-08 | 3.80E-08 | 6.60E-08 | 7.00E-08 | 3.30E-08 | -2.70E-09 |
| URI ( $\Delta$ CDF)  | 4.90E-08 | 5.30E-08 | 5.80E-08 | 7.70E-08 | 5.20E-08 | 5.00E-08 | 5.80E-08 | -2.20E-08 |
| PLE  | NO        |
|  |          |          |          |          |          |          |          |           |
| Indicator value  | 1.49E-07 | 1.51E-07 | 8.60E-08 | 1.15E-07 | 1.18E-07 | 1.20E-07 | 9.10E-08 | -2.47E-08 |

Licensee Comments: none

## Mitigating Systems Performance Index, Heat Removal System



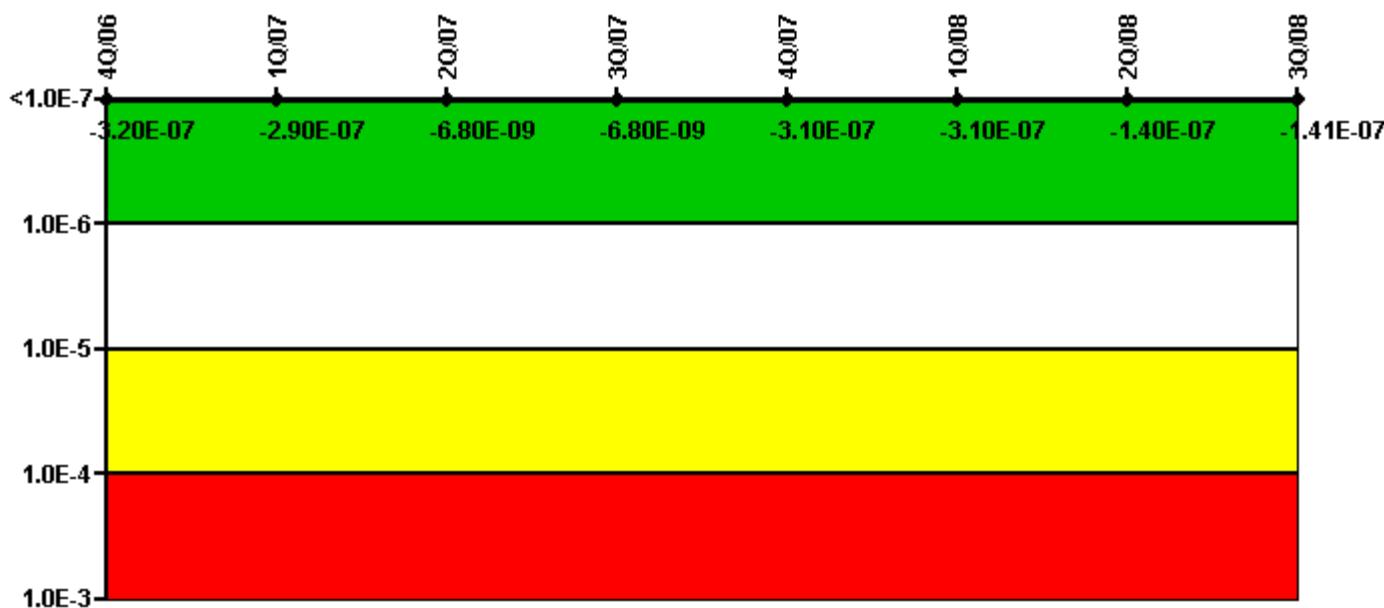
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Heat Removal System | 4Q/06            | 1Q/07            | 2Q/07            | 3Q/07            | 4Q/07            | 1Q/08            | 2Q/08            | 3Q/08            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)                                       | -9.70E-09        | -9.70E-09        | -4.50E-09        | -5.20E-09        | -9.70E-09        | -9.70E-09        | -4.70E-09        | -5.40E-09        |
| URI ( $\Delta$ CDF)                                       | -1.90E-08        | -1.60E-08        | -6.80E-09        | -8.30E-09        | -1.60E-08        | -1.60E-08        | -7.60E-09        | -7.60E-09        |
| PLE   | NO               |
| Indicator value   | <b>-2.87E-08</b> | <b>-2.57E-08</b> | <b>-1.13E-08</b> | <b>-1.35E-08</b> | <b>-2.57E-08</b> | <b>-2.57E-08</b> | <b>-1.23E-08</b> | <b>-1.30E-08</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, Residual Heat Removal System



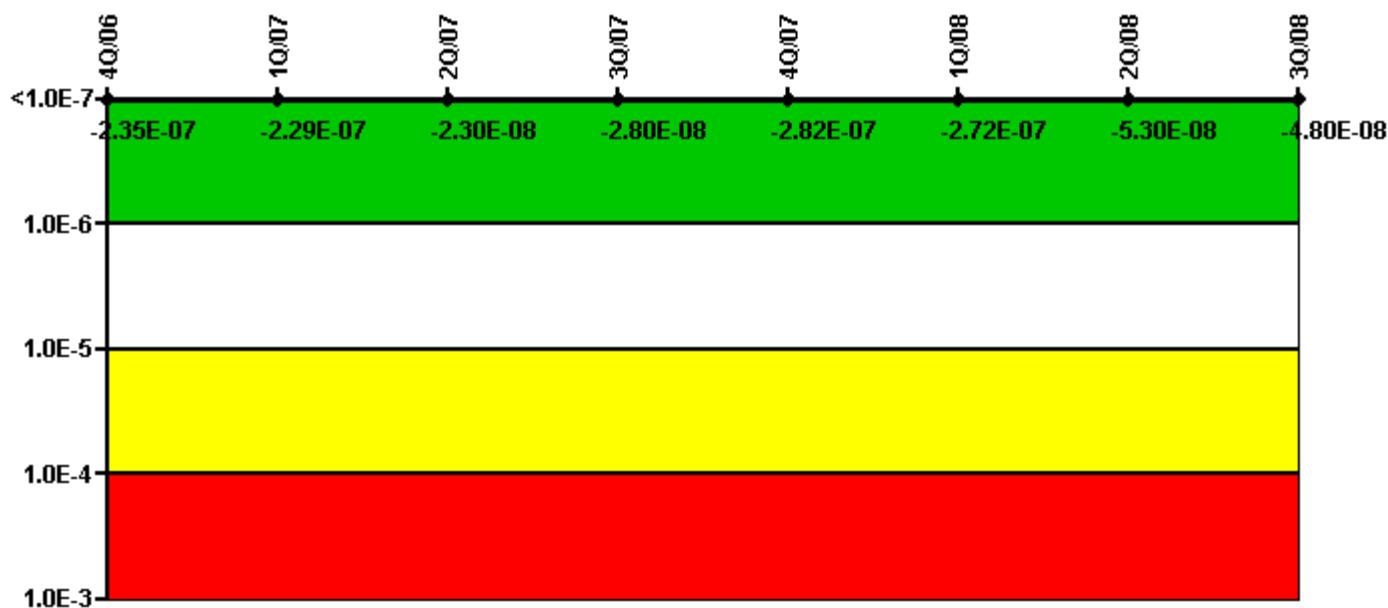
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 4Q/06            | 1Q/07            | 2Q/07            | 3Q/07            | 4Q/07            | 1Q/08            | 2Q/08            | 3Q/08            |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)  | -1.30E-07        | -1.30E-07        | -2.60E-09        | -2.50E-09        | -1.30E-07        | -1.30E-07        | -5.70E-08        | -5.60E-08        |
| URI ( $\Delta$ CDF)  | -1.90E-07        | -1.60E-07        | -4.20E-09        | -4.30E-09        | -1.80E-07        | -1.80E-07        | -8.30E-08        | -8.50E-08        |
| PLE  | NO               |
| Indicator value  | <b>-3.20E-07</b> | <b>-2.90E-07</b> | <b>-6.80E-09</b> | <b>-6.80E-09</b> | <b>-3.10E-07</b> | <b>-3.10E-07</b> | <b>-1.40E-07</b> | <b>-1.41E-07</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, Cooling Water Systems



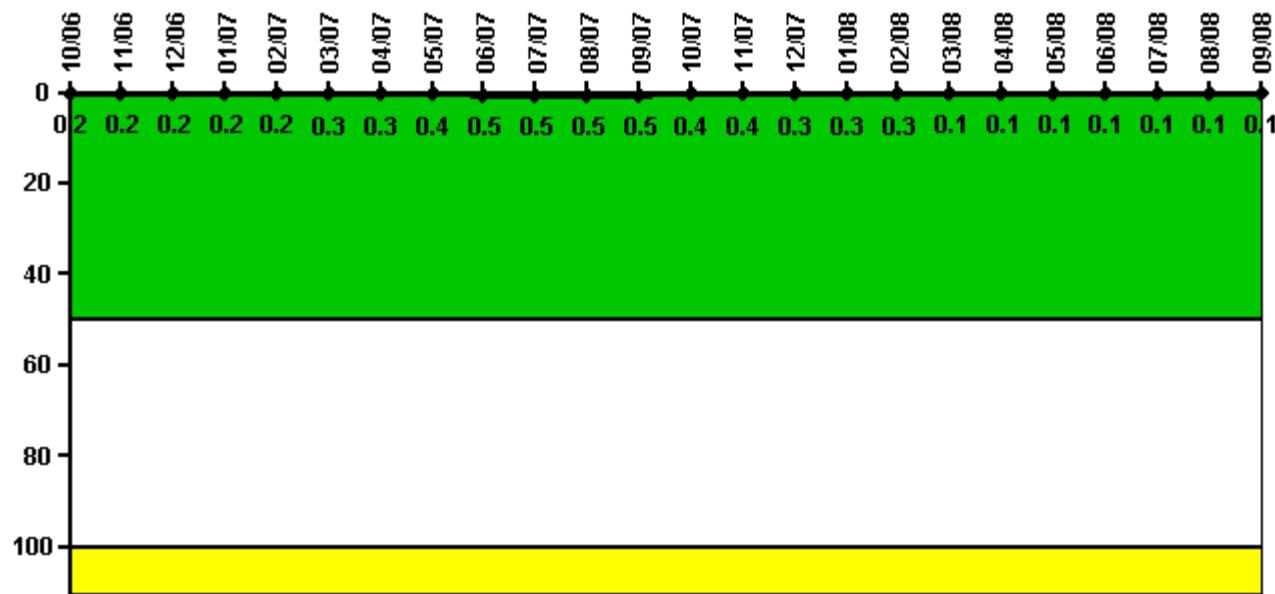
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 4Q/06     | 1Q/07     | 2Q/07     | 3Q/07     | 4Q/07     | 1Q/08     | 2Q/08     | 3Q/08     |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI ( $\Delta$ CDF)   | 4.50E-08  | 4.10E-08  | -3.50E-11 | -3.50E-11 | -1.70E-09 | -1.70E-09 | 5.70E-08  | 6.20E-08  |
| URI ( $\Delta$ CDF)   | -2.80E-07 | -2.70E-07 | -2.30E-08 | -2.80E-08 | -2.80E-07 | -2.70E-07 | -1.10E-07 | -1.10E-07 |
| PLE   | NO        |
| Indicator value   | -2.35E-07 | -2.29E-07 | -2.30E-08 | -2.80E-08 | -2.82E-07 | -2.72E-07 | -5.30E-08 | -4.80E-08 |

Licensee Comments: none

## Reactor Coolant System Activity



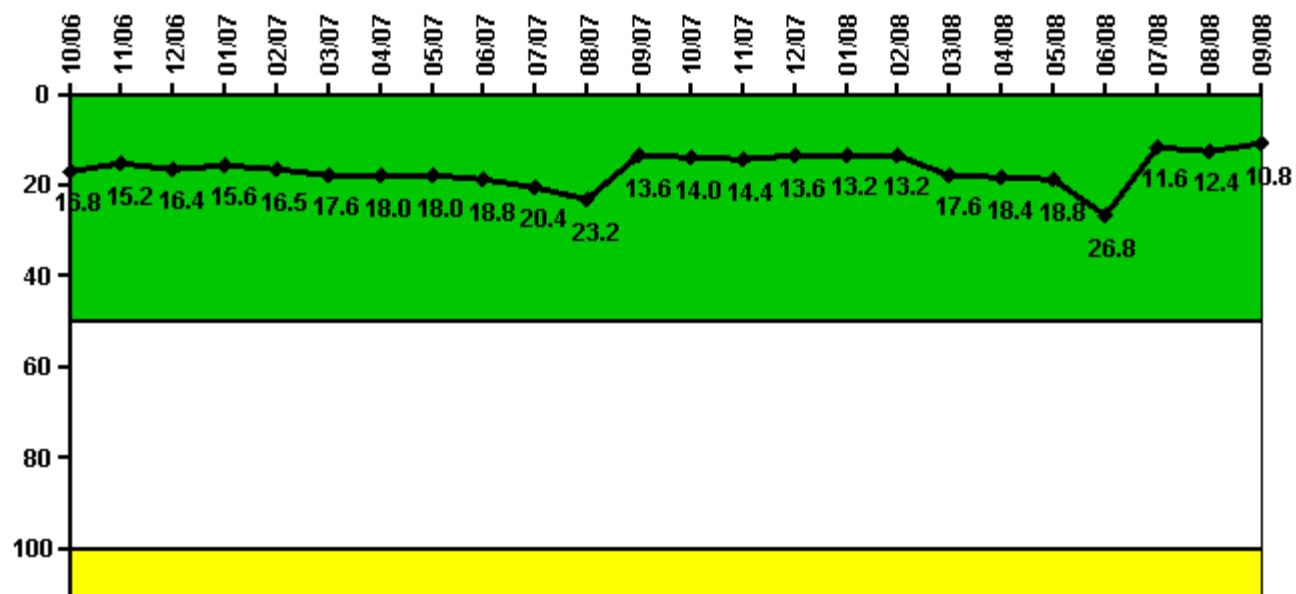
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Activity | 10/06      | 11/06      | 12/06      | 1/07       | 2/07       | 3/07       | 4/07       | 5/07       | 6/07       | 7/07       | 8/07       | 9/07       |
|---------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Maximum activity                | 0.000348   | 0.000365   | 0.000381   | 0.000396   | 0.000402   | 0.000517   | 0.000593   | 0.000744   | 0.000973   | 0.000986   | 0.000958   | 0.000940   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| Indicator value                 | <b>0.2</b> | <b>0.2</b> | <b>0.2</b> | <b>0.2</b> | <b>0.2</b> | <b>0.3</b> | <b>0.3</b> | <b>0.4</b> | <b>0.5</b> | <b>0.5</b> | <b>0.5</b> | <b>0.5</b> |
| Reactor Coolant System Activity | 10/07      | 11/07      | 12/07      | 1/08       | 2/08       | 3/08       | 4/08       | 5/08       | 6/08       | 7/08       | 8/08       | 9/08       |
| Maximum activity                | 0.000769   | 0.000771   | 0.000574   | 0.000650   | 0.000605   | 0.000237   | 0.000270   | 0.000267   | 0.000260   | 0.000253   | 0.000257   | 0.000280   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| Indicator value                 | <b>0.4</b> | <b>0.4</b> | <b>0.3</b> | <b>0.3</b> | <b>0.3</b> | <b>0.1</b> |

Licensee Comments: none

## Reactor Coolant System Leakage



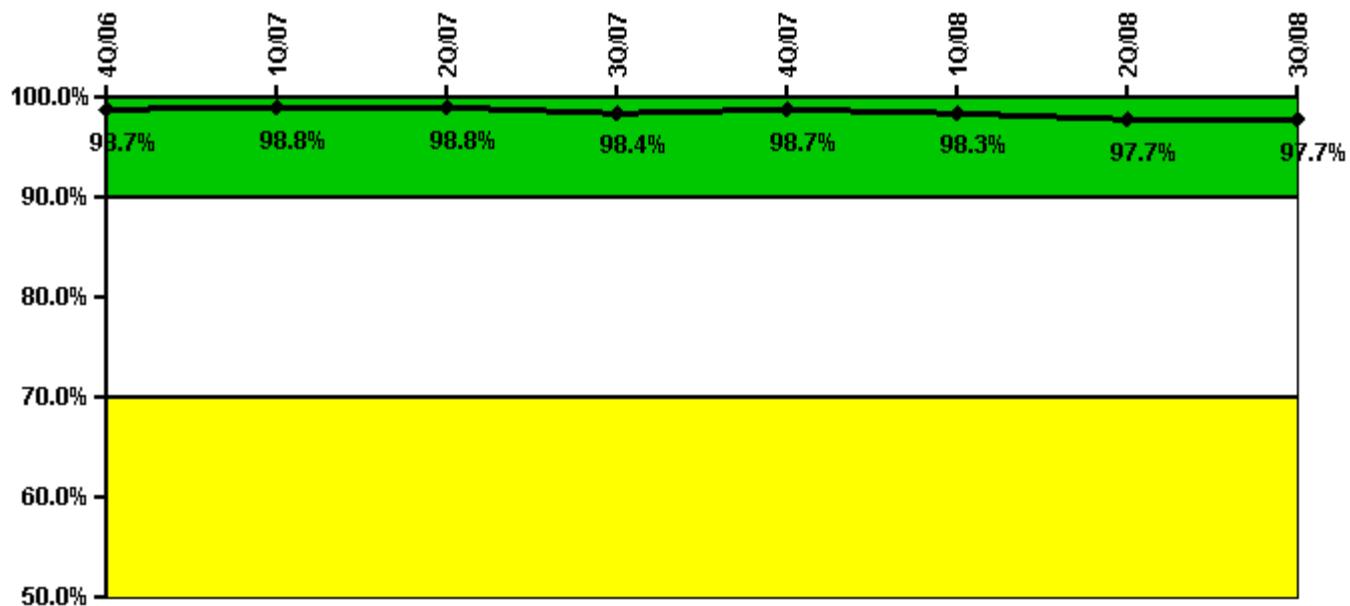
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Leakage | 10/06       | 11/06       | 12/06       | 1/07        | 2/07        | 3/07        | 4/07        | 5/07        | 6/07        | 7/07        | 8/07        | 9/07        |
|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Maximum leakage                | 4.200       | 3.800       | 4.100       | 3.900       | 4.120       | 4.400       | 4.500       | 4.500       | 4.700       | 5.100       | 5.800       | 3.400       |
| Indicator value                | <b>16.8</b> | <b>15.2</b> | <b>16.4</b> | <b>15.6</b> | <b>16.5</b> | <b>17.6</b> | <b>18.0</b> | <b>18.0</b> | <b>18.8</b> | <b>20.4</b> | <b>23.2</b> | <b>13.6</b> |
| Reactor Coolant System Leakage | 10/07       | 11/07       | 12/07       | 1/08        | 2/08        | 3/08        | 4/08        | 5/08        | 6/08        | 7/08        | 8/08        | 9/08        |
| Maximum leakage                | 3.500       | 3.600       | 3.400       | 3.300       | 3.300       | 4.400       | 4.600       | 4.700       | 6.700       | 2.900       | 3.100       | 2.700       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| Indicator value                | <b>14.0</b> | <b>14.4</b> | <b>13.6</b> | <b>13.2</b> | <b>13.2</b> | <b>17.6</b> | <b>18.4</b> | <b>18.8</b> | <b>26.8</b> | <b>11.6</b> | <b>12.4</b> | <b>10.8</b> |

Licensee Comments: none

## Drill/Exercise Performance



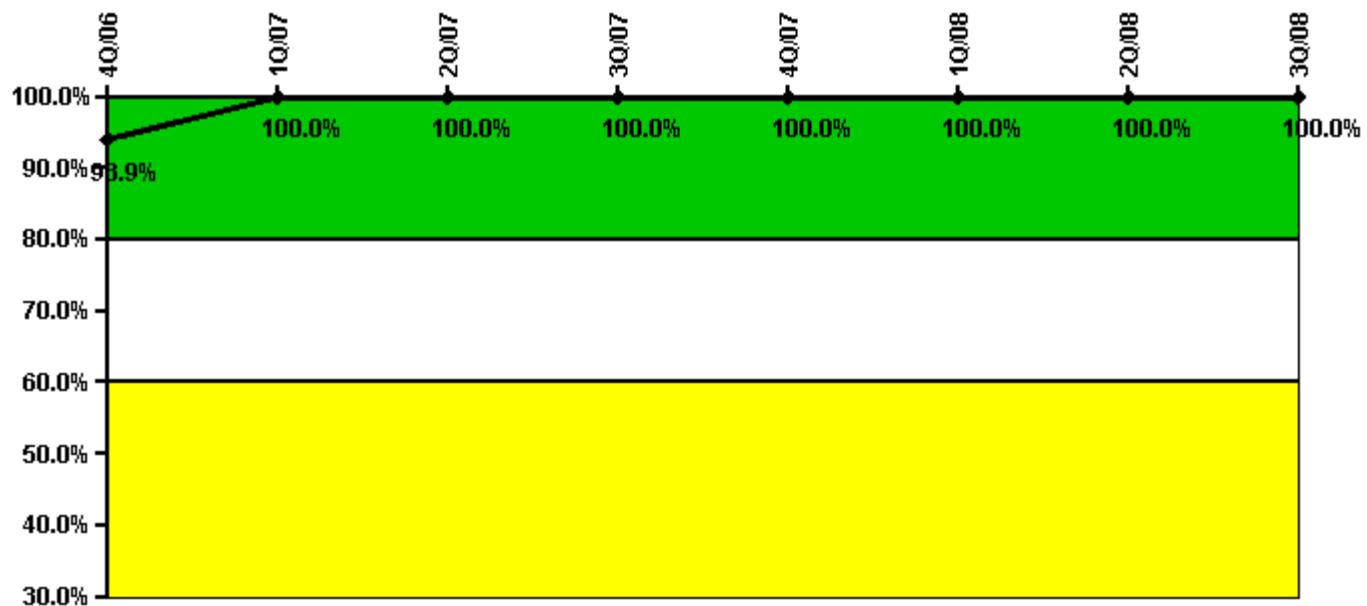
Thresholds: White < 90.0% Yellow < 70.0%

### Notes

| Drill/Exercise Performance | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities   | 35.0  | 26.0  | 44.0  | 50.0  | 50.0  | 7.0   | 49.0  | 32.0  |
| Total opportunities        | 36.0  | 26.0  | 44.0  | 52.0  | 50.0  | 8.0   | 52.0  | 32.0  |
| Indicator value            | 98.7% | 98.8% | 98.8% | 98.4% | 98.7% | 98.3% | 97.7% | 97.7% |

Licensee Comments: none

## ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

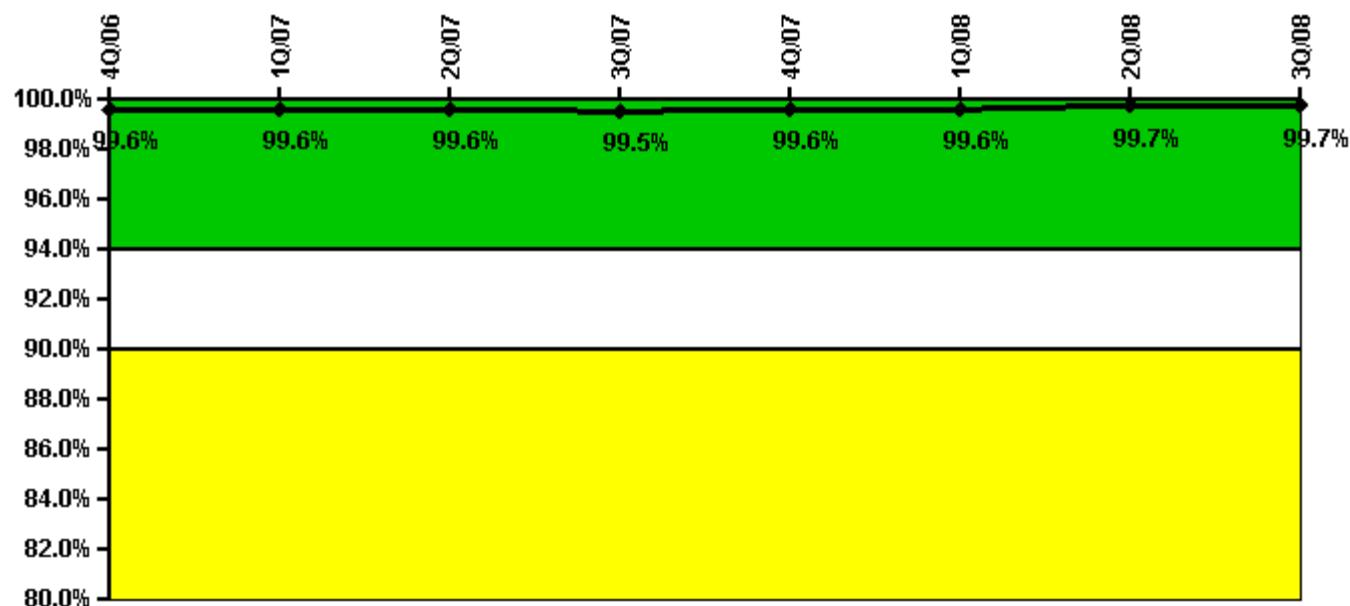
### Notes

| ERO Drill Participation     | 4Q/06        | 1Q/07         | 2Q/07         | 3Q/07         | 4Q/07         | 1Q/08         | 2Q/08         | 3Q/08         |
|-----------------------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Participating Key personnel | 62.0         | 62.0          | 65.0          | 68.0          | 65.0          | 63.0          | 67.0          | 67.0          |
| Total Key personnel         | 66.0         | 62.0          | 65.0          | 68.0          | 65.0          | 63.0          | 67.0          | 67.0          |
|                             |              |               |               |               |               |               |               |               |
| Indicator value             | <b>93.9%</b> | <b>100.0%</b> |

Licensee Comments: none

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## Alert & Notification System



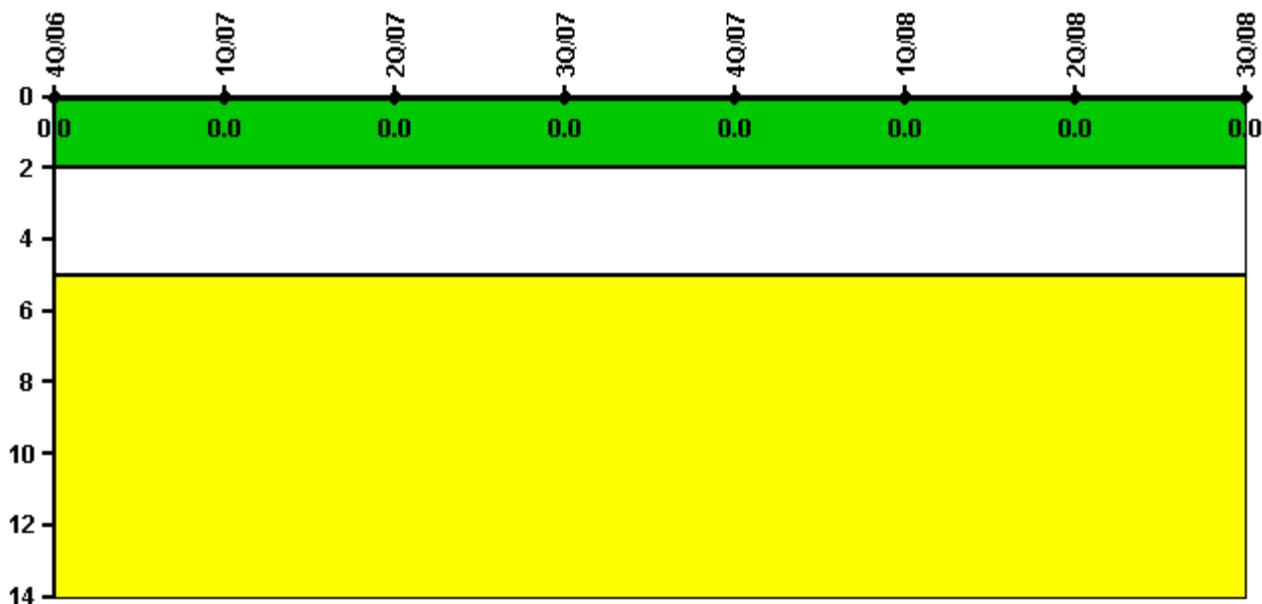
Thresholds: White < 94.0% Yellow < 90.0%

### Notes

| Alert & Notification System | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests      | 3131  | 3188  | 3188  | 3182  | 3191  | 3191  | 3196  | 3235  |
| Total sirens-tests          | 3150  | 3197  | 3200  | 3200  | 3200  | 3200  | 3200  | 3246  |
| Indicator value             | 99.6% | 99.6% | 99.6% | 99.5% | 99.6% | 99.6% | 99.7% | 99.7% |

Licensee Comments: none

## Occupational Exposure Control Effectiveness



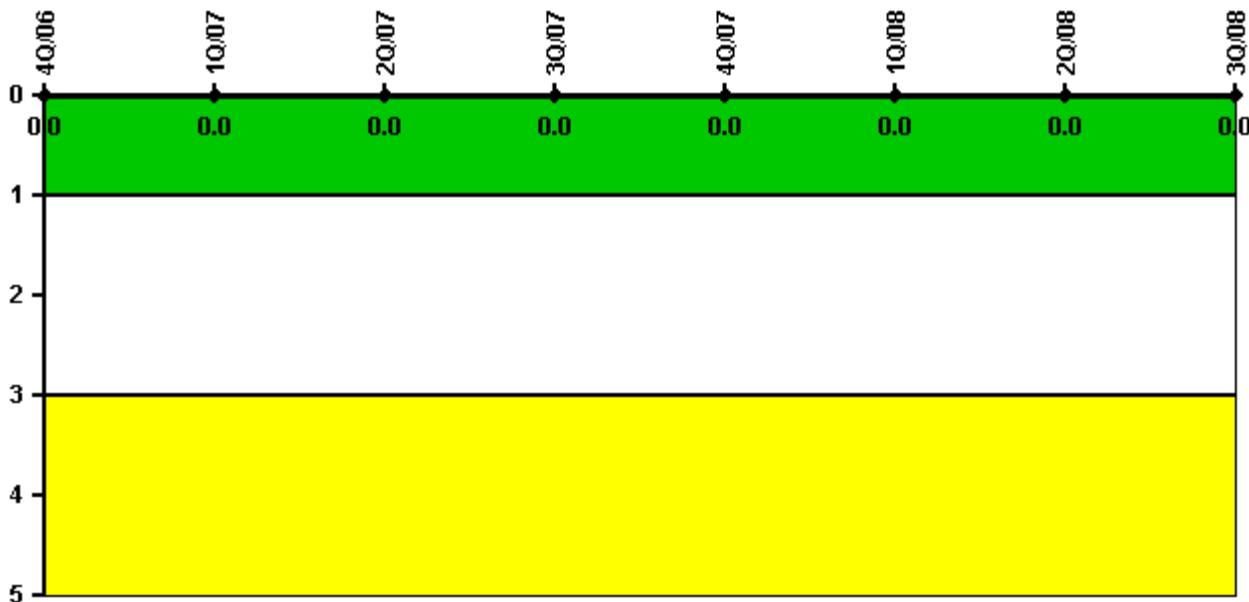
Thresholds: White > 2.0 Yellow > 5.0

### Notes

| Occupational Exposure Control Effectiveness | 4Q/06    | 1Q/07    | 2Q/07    | 3Q/07    | 4Q/07    | 1Q/08    | 2Q/08    | 3Q/08    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>0</b> |

Licensee Comments: none

## RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

### Notes

| RETS/ODCM Radiological Effluent | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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[Security](#) information not publicly available.

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[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

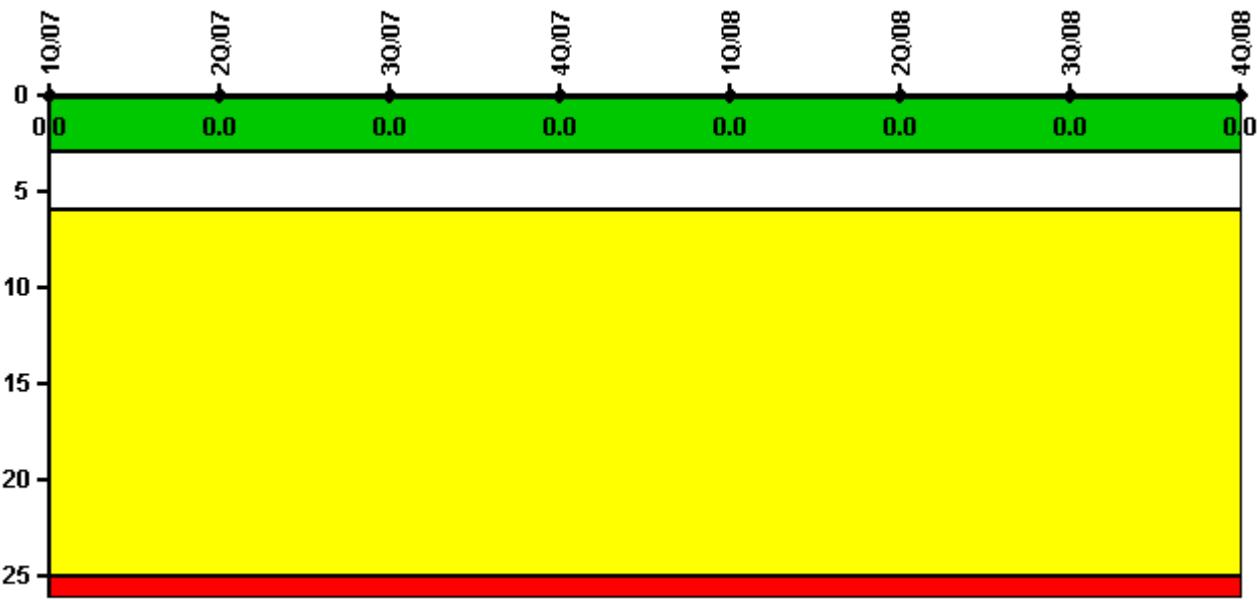
Last Modified: November 26, 2008

# La Salle 1

## 4Q/2008 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

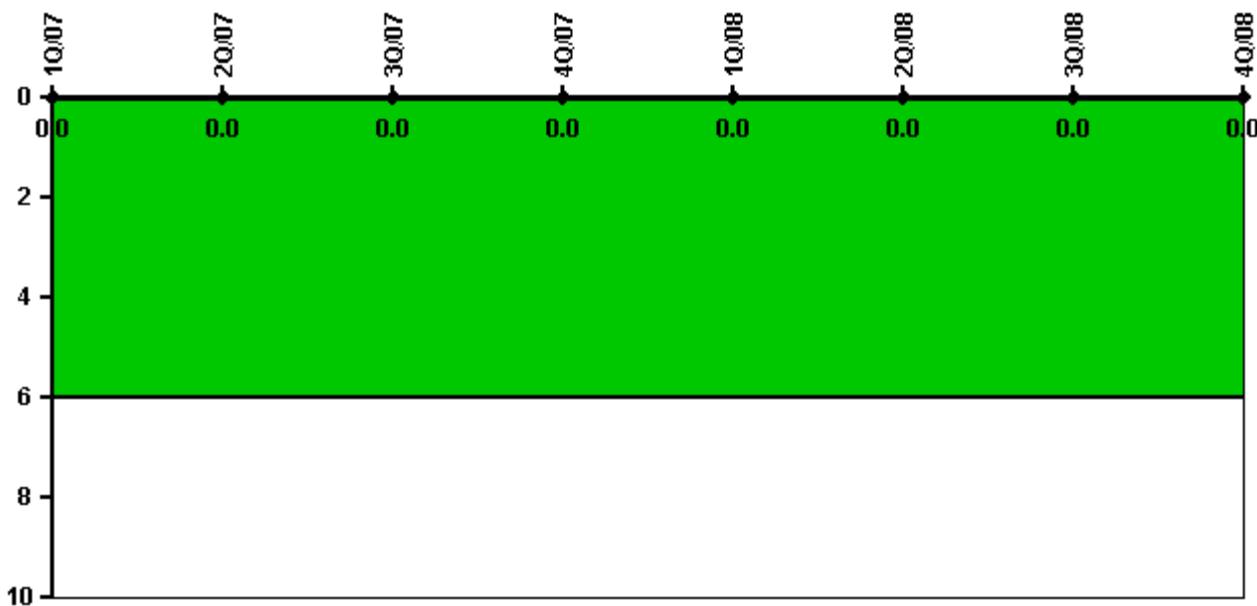
### Notes

| Unplanned Scrams per 7000 Critical Hrs | 1Q/07  | 2Q/07  | 3Q/07  | 4Q/07  | 1Q/08  | 2Q/08  | 3Q/08  | 4Q/08  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Critical hours                         | 2159.0 | 2184.0 | 2208.0 | 2209.0 | 1614.8 | 2184.0 | 2160.5 | 2198.5 |
| Indicator value                        | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |

Licensee Comments: none

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## Unplanned Power Changes per 7000 Critical Hrs



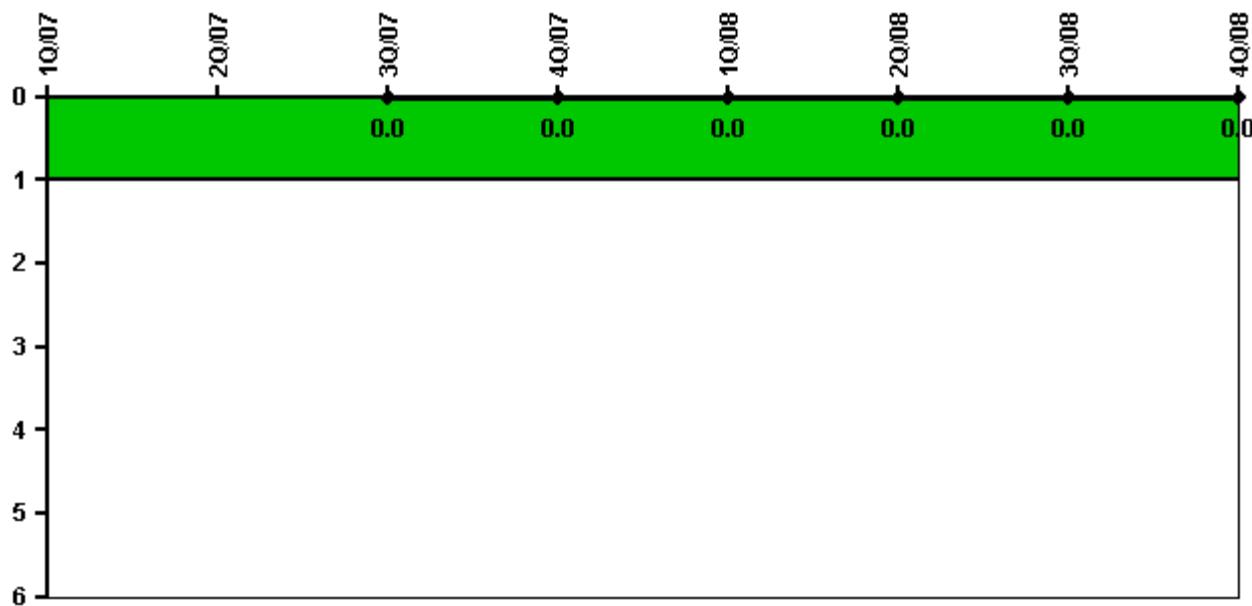
Thresholds: White > 6.0

### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 1Q/07  | 2Q/07  | 3Q/07  | 4Q/07  | 1Q/08  | 2Q/08  | 3Q/08  | 4Q/08  |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes                       | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Critical hours                                | 2159.0 | 2184.0 | 2208.0 | 2209.0 | 1614.8 | 2184.0 | 2160.5 | 2198.5 |
| Indicator value                               | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |

Licensee Comments: none

## Unplanned Scrams with Complications



Thresholds: White > 1.0

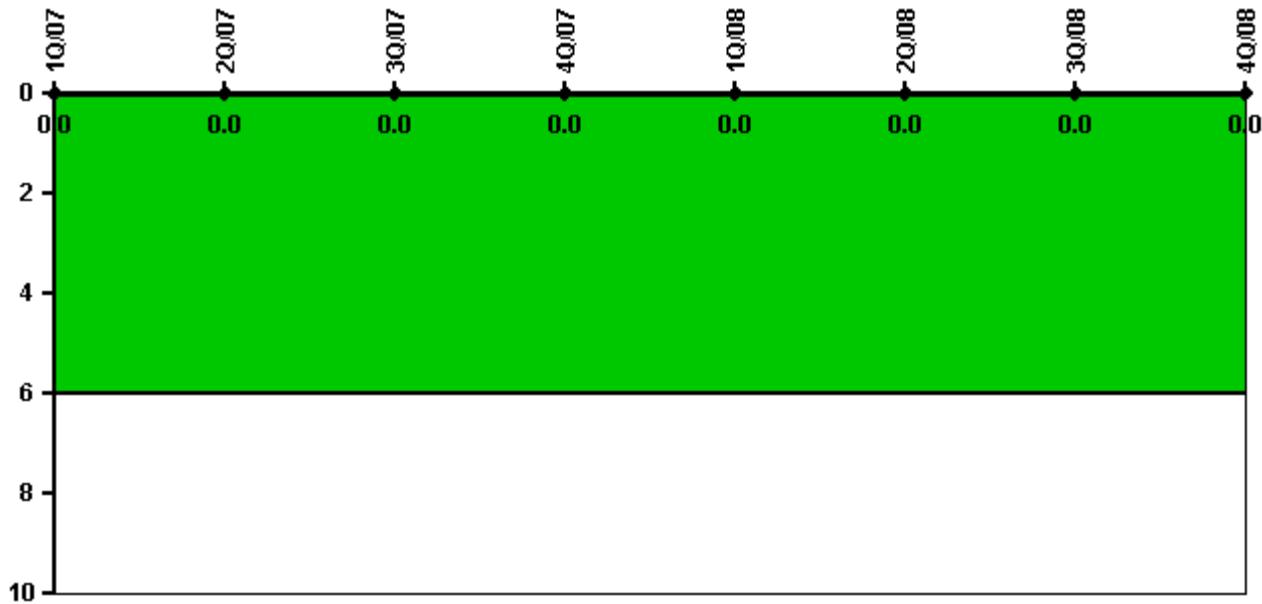
### Notes

| Unplanned Scrams with Complications | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 |
|-------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams with complications           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                     |       |       | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

Licensee Comments: none

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## Safety System Functional Failures (BWR)



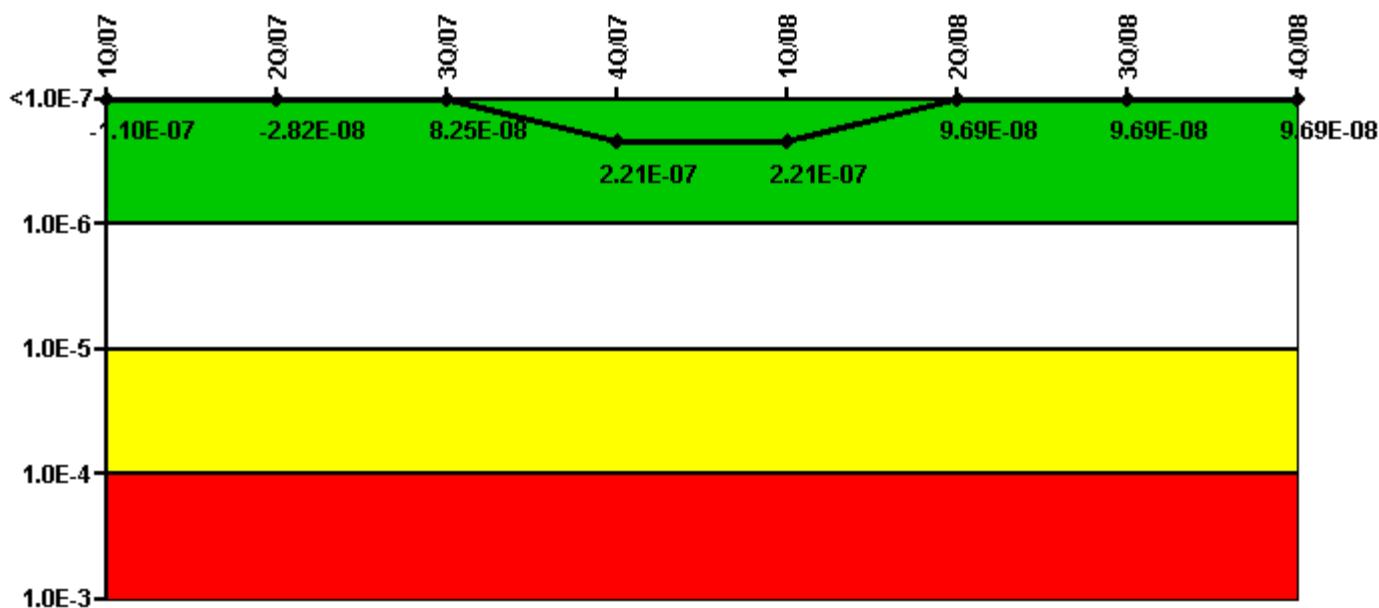
Thresholds: White > 6.0

### Notes

| Safety System Functional Failures (BWR) | 1Q/07    | 2Q/07    | 3Q/07    | 4Q/07    | 1Q/08    | 2Q/08    | 3Q/08    | 4Q/08    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Safety System Functional Failures       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Indicator value                         | <b>0</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, Emergency AC Power System



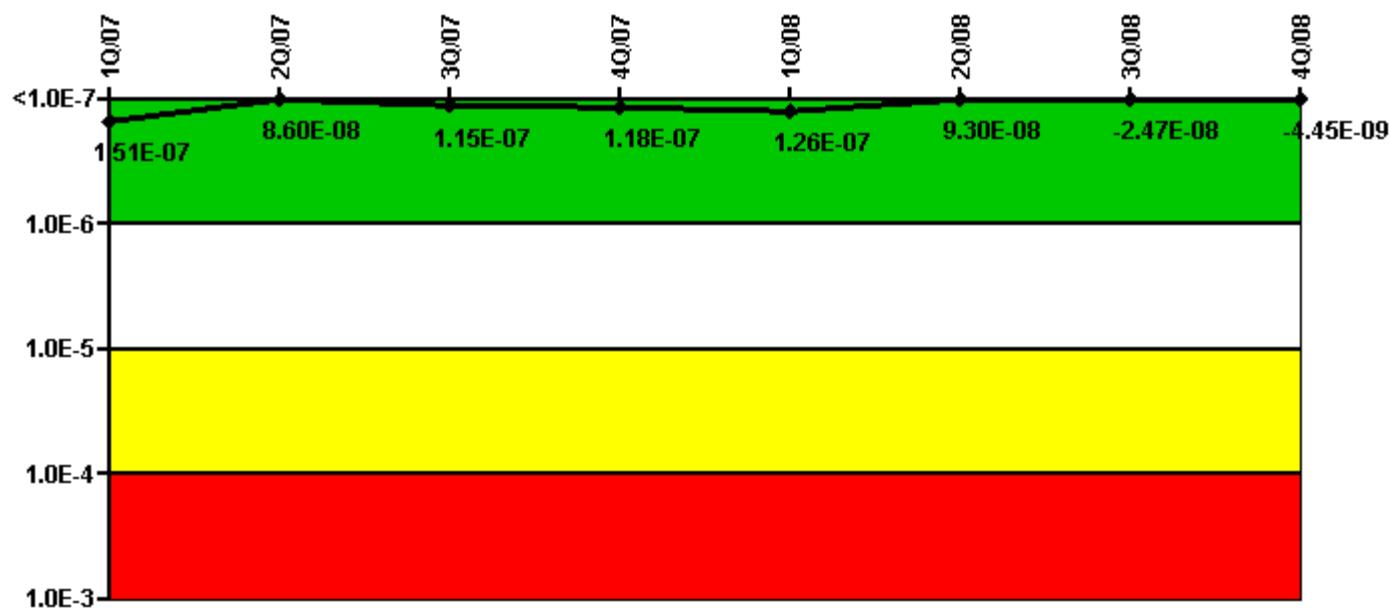
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 1Q/07     | 2Q/07     | 3Q/07     | 4Q/07     | 1Q/08     | 2Q/08     | 3Q/08     | 4Q/08     |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI ( $\Delta$ CDF)   | -1.50E-08 | -3.20E-09 | -3.50E-09 | -9.20E-09 | -9.10E-09 | -3.10E-09 | -3.10E-09 | -3.10E-09 |
| URI ( $\Delta$ CDF)   | -9.50E-08 | -2.50E-08 | 8.60E-08  | 2.30E-07  | 2.30E-07  | 1.00E-07  | 1.00E-07  | 1.00E-07  |
| PLE   | NO        |
| Indicator value   | -1.10E-07 | -2.82E-08 | 8.25E-08  | 2.21E-07  | 2.21E-07  | 9.69E-08  | 9.69E-08  | 9.69E-08  |

Licensee Comments: none

## Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

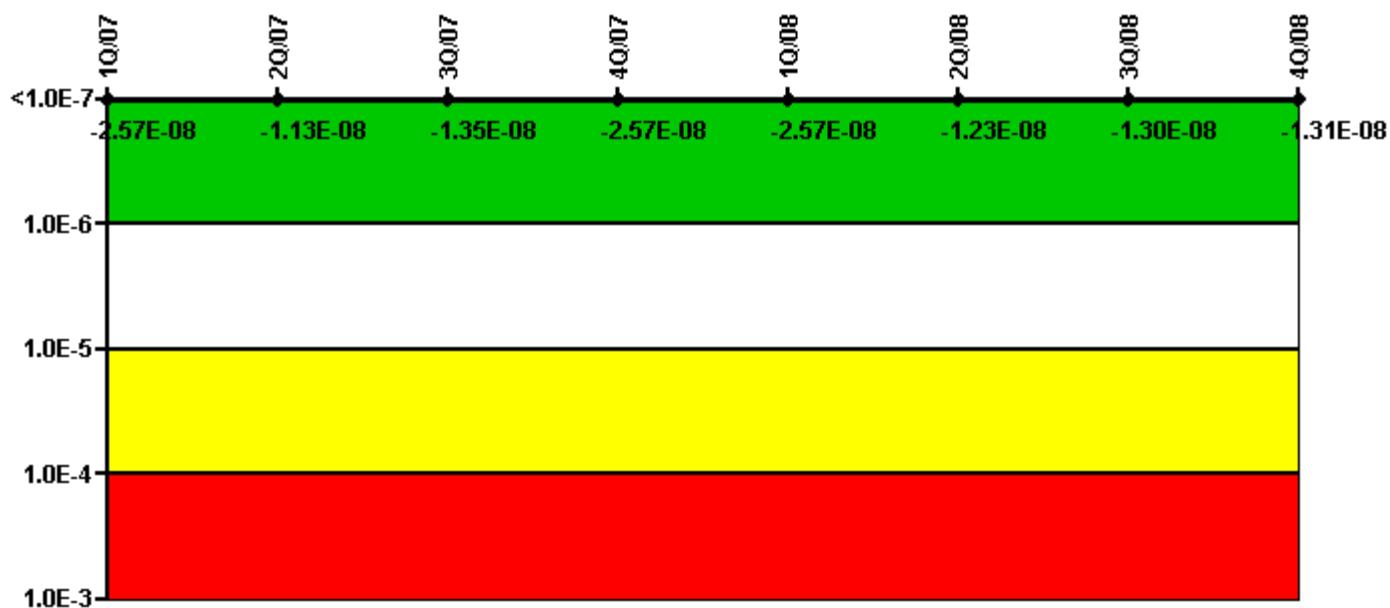
| Mitigating Systems Performance Index, High Pressure Injection System | 1Q/07    | 2Q/07    | 3Q/07    | 4Q/07    | 1Q/08    | 2Q/08    | 3Q/08     | 4Q/08     |
|--|----------|----------|----------|----------|----------|----------|-----------|-----------|
| UAI (ΔCDF)   | 9.80E-08 | 2.80E-08 | 3.80E-08 | 6.60E-08 | 7.60E-08 | 3.50E-08 | -2.70E-09 | -5.50E-10 |
| URI (ΔCDF)   | 5.30E-08 | 5.80E-08 | 7.70E-08 | 5.20E-08 | 5.00E-08 | 5.80E-08 | -2.20E-08 | -3.90E-09 |
| PLE  | NO        | NO        |
| Indicator value  | 1.51E-07 | 8.60E-08 | 1.15E-07 | 1.18E-07 | 1.26E-07 | 9.30E-08 | -2.47E-08 | -4.45E-09 |

### Licensee Comments:

2Q/08: A new PRA model (2006C) was approved and implemented in the 1st Quarter of 2008. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2008.

1Q/08: In November 2008, an error was discovered in the unavailability data reported for January 2008 Unit 1 High Pressure Injection. An additional 6.4 hours of planned unavailability was identified. The error has been corrected, and the issue was entered into the corrective action program. No thresholds were crossed, and the indicator remains Green.

## Mitigating Systems Performance Index, Heat Removal System



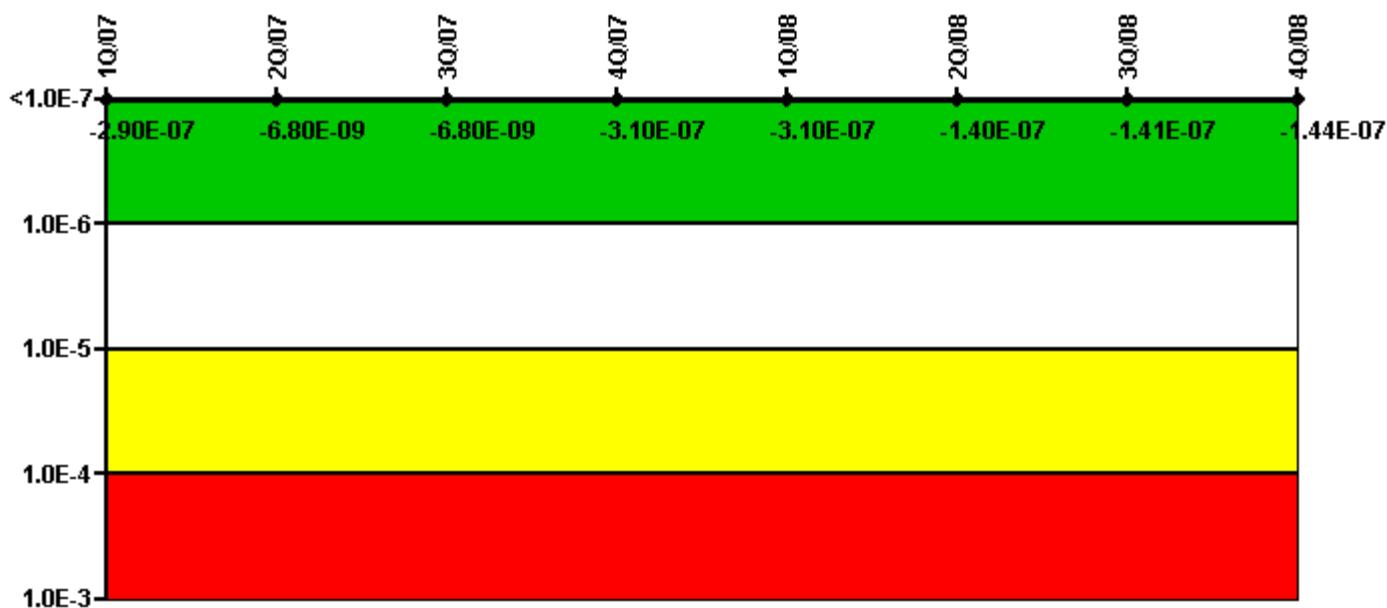
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Heat Removal System | 1Q/07            | 2Q/07            | 3Q/07            | 4Q/07            | 1Q/08            | 2Q/08            | 3Q/08            | 4Q/08            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI (ΔCDF)  | -9.70E-09        | -4.50E-09        | -5.20E-09        | -9.70E-09        | -9.70E-09        | -4.70E-09        | -5.40E-09        | -5.40E-09        |
| URI (ΔCDF)  | -1.60E-08        | -6.80E-09        | -8.30E-09        | -1.60E-08        | -1.60E-08        | -7.60E-09        | -7.60E-09        | -7.70E-09        |
| PLE   | NO               |
| Indicator value   | <b>-2.57E-08</b> | <b>-1.13E-08</b> | <b>-1.35E-08</b> | <b>-2.57E-08</b> | <b>-2.57E-08</b> | <b>-1.23E-08</b> | <b>-1.30E-08</b> | <b>-1.31E-08</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

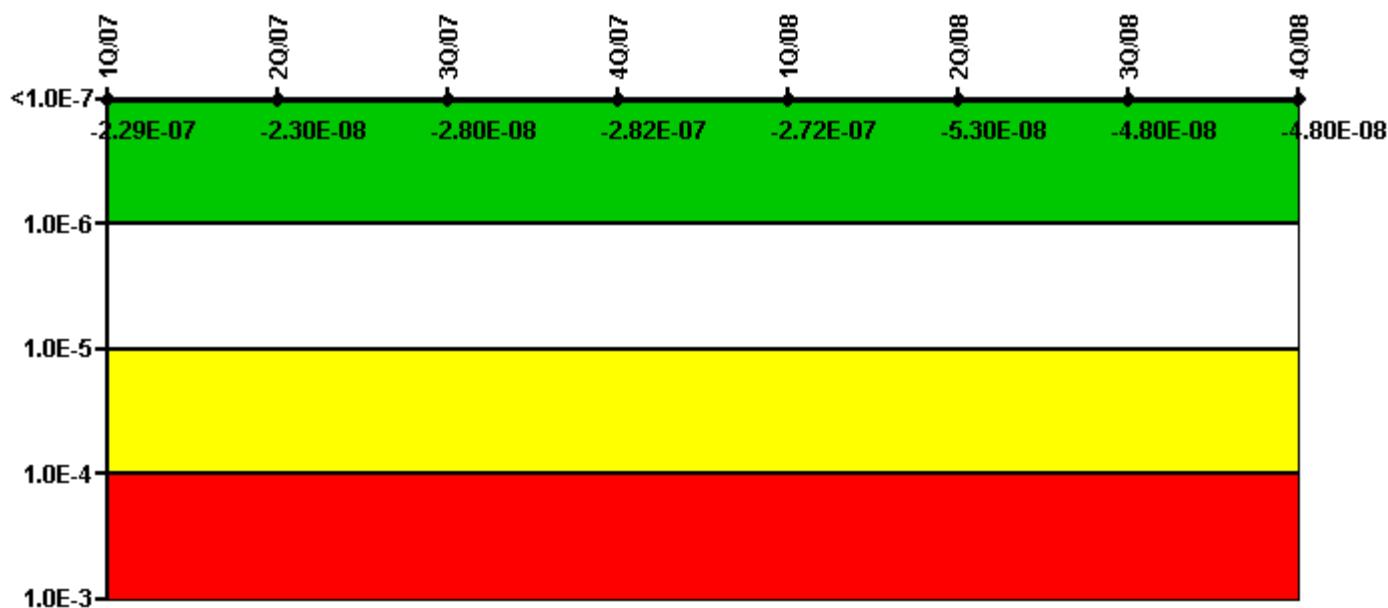
### Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 1Q/07            | 2Q/07            | 3Q/07            | 4Q/07            | 1Q/08            | 2Q/08            | 3Q/08            | 4Q/08            |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)  | -1.30E-07        | -2.60E-09        | -2.50E-09        | -1.30E-07        | -1.30E-07        | -5.70E-08        | -5.60E-08        | -5.80E-08        |
| URI ( $\Delta$ CDF)  | -1.60E-07        | -4.20E-09        | -4.30E-09        | -1.80E-07        | -1.80E-07        | -8.30E-08        | -8.50E-08        | -8.60E-08        |
| PLE  | NO               |
| Indicator value  | <b>-2.90E-07</b> | <b>-6.80E-09</b> | <b>-6.80E-09</b> | <b>-3.10E-07</b> | <b>-3.10E-07</b> | <b>-1.40E-07</b> | <b>-1.41E-07</b> | <b>-1.44E-07</b> |

Licensee Comments: none

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## Mitigating Systems Performance Index, Cooling Water Systems



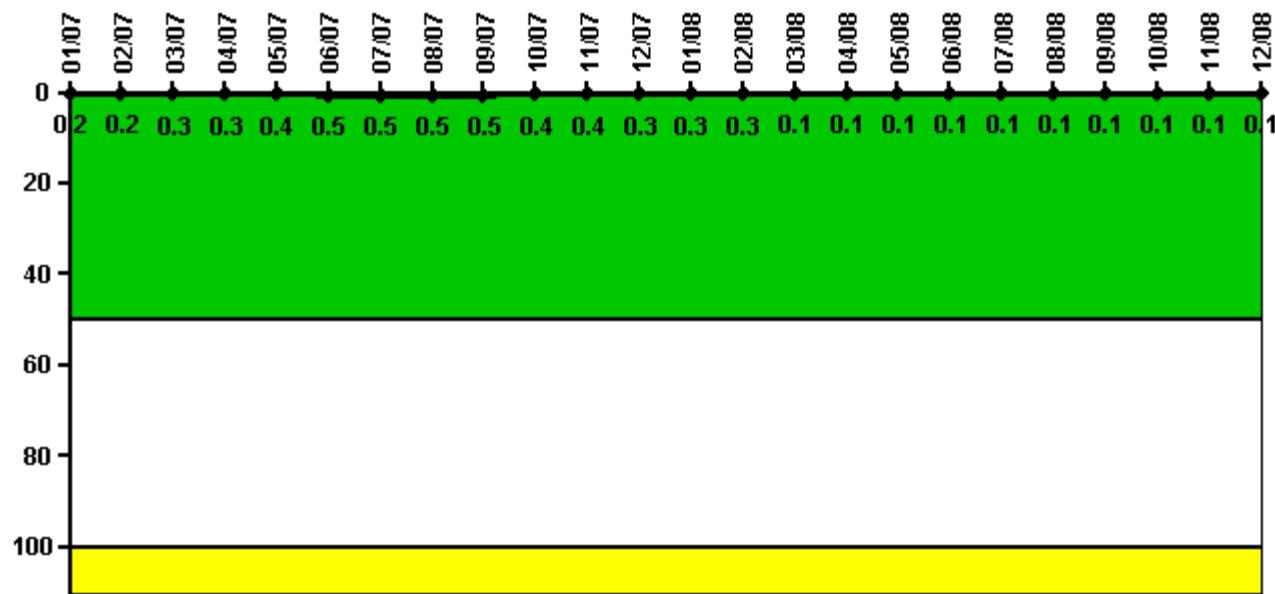
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 1Q/07            | 2Q/07            | 3Q/07            | 4Q/07            | 1Q/08            | 2Q/08            | 3Q/08            | 4Q/08            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI (ΔCDF)  | 4.10E-08         | -3.50E-11        | -3.50E-11        | -1.70E-09        | -1.70E-09        | 5.70E-08         | 6.20E-08         | 6.20E-08         |
| URI (ΔCDF)  | -2.70E-07        | -2.30E-08        | -2.80E-08        | -2.80E-07        | -2.70E-07        | -1.10E-07        | -1.10E-07        | -1.10E-07        |
| PLE   | NO               |
| Indicator value   | <b>-2.29E-07</b> | <b>-2.30E-08</b> | <b>-2.80E-08</b> | <b>-2.82E-07</b> | <b>-2.72E-07</b> | <b>-5.30E-08</b> | <b>-4.80E-08</b> | <b>-4.80E-08</b> |

Licensee Comments: none

## Reactor Coolant System Activity



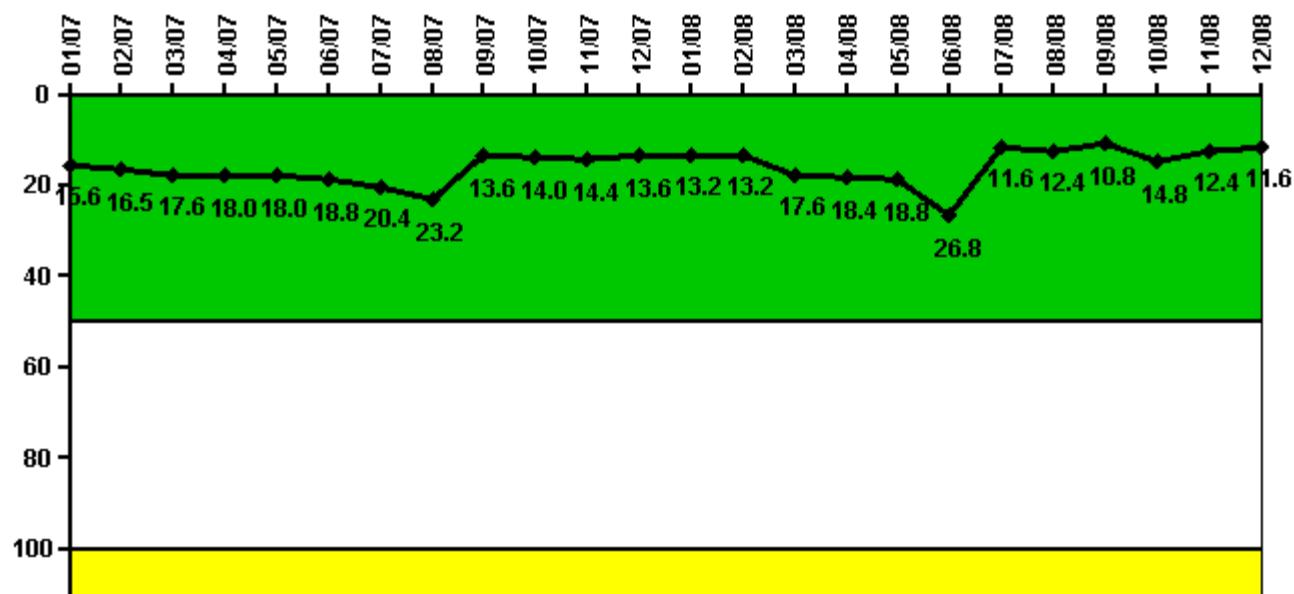
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Activity | 1/07       | 2/07       | 3/07       | 4/07       | 5/07       | 6/07       | 7/07       | 8/07       | 9/07       | 10/07      | 11/07      | 12/07      |
|---------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Maximum activity                | 0.0000396  | 0.0000402  | 0.0000517  | 0.0000593  | 0.0000744  | 0.0000973  | 0.0000986  | 0.0000958  | 0.0000940  | 0.0000769  | 0.0000771  | 0.0000574  |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| <b>Indicator value</b>          | <b>0.2</b> | <b>0.2</b> | <b>0.3</b> | <b>0.3</b> | <b>0.4</b> | <b>0.5</b> | <b>0.5</b> | <b>0.5</b> | <b>0.5</b> | <b>0.4</b> | <b>0.4</b> | <b>0.3</b> |
| Reactor Coolant System Activity | 1/08       | 2/08       | 3/08       | 4/08       | 5/08       | 6/08       | 7/08       | 8/08       | 9/08       | 10/08      | 11/08      | 12/08      |
| Maximum activity                | 0.0000650  | 0.0000605  | 0.0000237  | 0.0000270  | 0.0000267  | 0.0000260  | 0.0000253  | 0.0000257  | 0.0000280  | 0.0000214  | 0.0000219  | 0.0000231  |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| <b>Indicator value</b>          | <b>0.3</b> | <b>0.3</b> | <b>0.1</b> |

Licensee Comments: none

## Reactor Coolant System Leakage



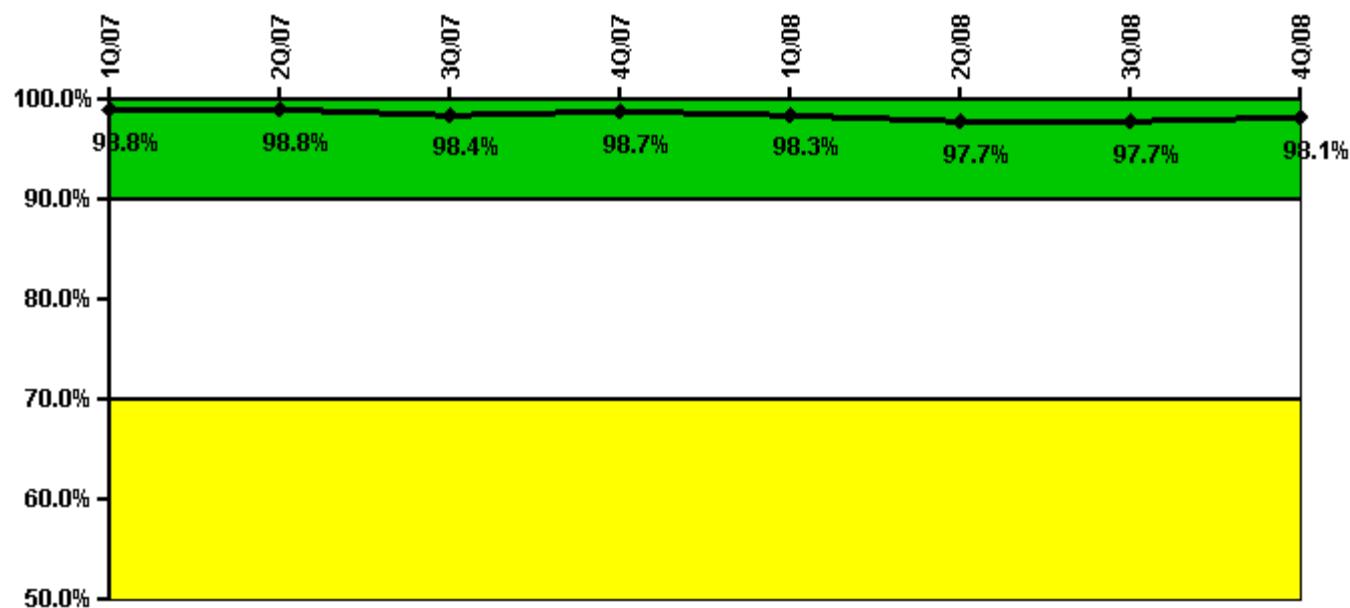
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Leakage | 1/07        | 2/07        | 3/07        | 4/07        | 5/07        | 6/07        | 7/07        | 8/07        | 9/07        | 10/07       | 11/07       | 12/07       |
|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Maximum leakage                | 3.900       | 4.120       | 4.400       | 4.500       | 4.500       | 4.700       | 5.100       | 5.800       | 3.400       | 3.500       | 3.600       | 3.400       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| <b>Indicator value</b>         | <b>15.6</b> | <b>16.5</b> | <b>17.6</b> | <b>18.0</b> | <b>18.0</b> | <b>18.8</b> | <b>20.4</b> | <b>23.2</b> | <b>13.6</b> | <b>14.0</b> | <b>14.4</b> | <b>13.6</b> |
| Reactor Coolant System Leakage | 1/08        | 2/08        | 3/08        | 4/08        | 5/08        | 6/08        | 7/08        | 8/08        | 9/08        | 10/08       | 11/08       | 12/08       |
| Maximum leakage                | 3.300       | 3.300       | 4.400       | 4.600       | 4.700       | 6.700       | 2.900       | 3.100       | 2.700       | 3.700       | 3.100       | 2.900       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| <b>Indicator value</b>         | <b>13.2</b> | <b>13.2</b> | <b>17.6</b> | <b>18.4</b> | <b>18.8</b> | <b>26.8</b> | <b>11.6</b> | <b>12.4</b> | <b>10.8</b> | <b>14.8</b> | <b>12.4</b> | <b>11.6</b> |

Licensee Comments: none

## Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

### Notes

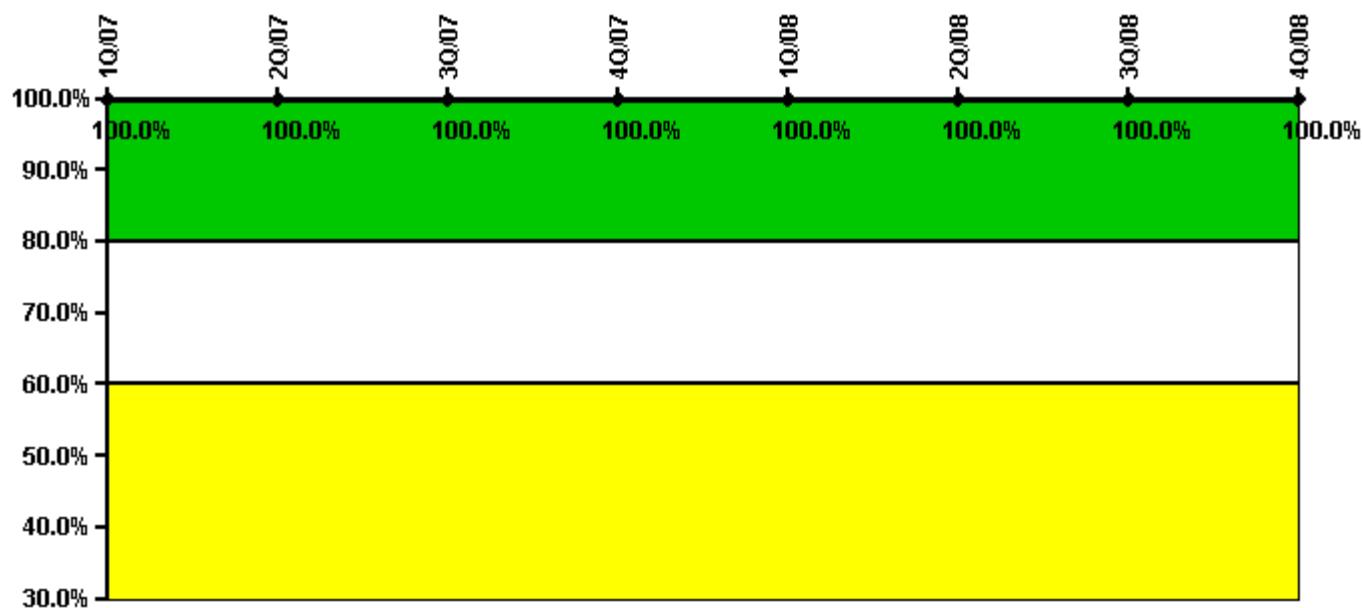
| Drill/Exercise Performance | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities   | 26.0  | 44.0  | 50.0  | 50.0  | 7.0   | 49.0  | 36.0  | 50.0  |
| Total opportunities        | 26.0  | 44.0  | 52.0  | 50.0  | 8.0   | 52.0  | 36.0  | 50.0  |
| Indicator value            | 98.8% | 98.8% | 98.4% | 98.7% | 98.3% | 97.7% | 97.7% | 98.1% |

### Licensee Comments:

3Q/08: An internal review identified four (4) additional opportunities for September 2008 that were successfully performed. This increased the number of successful and total opportunities from 6 to 10. The Performance Indicator color was unchanged, and the occurrence has been entered into the Station's corrective action program.

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## ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

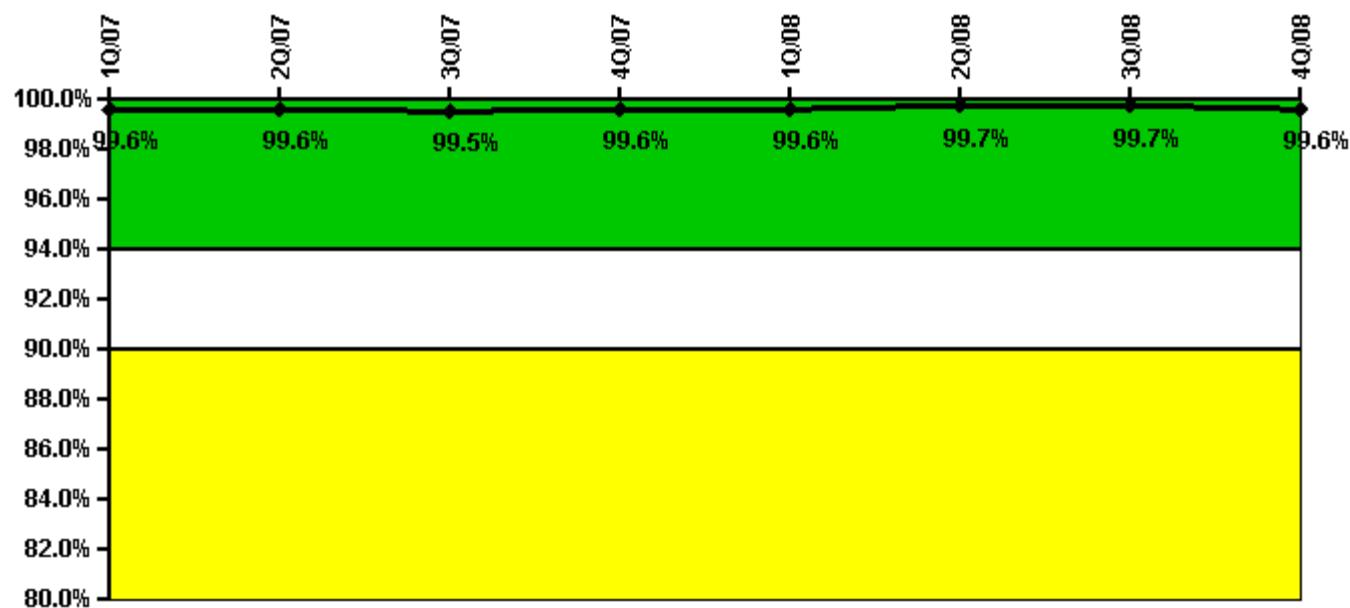
### Notes

| ERO Drill Participation     | 1Q/07  | 2Q/07  | 3Q/07  | 4Q/07  | 1Q/08  | 2Q/08  | 3Q/08  | 4Q/08  |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| Participating Key personnel | 62.0   | 65.0   | 68.0   | 65.0   | 63.0   | 67.0   | 67.0   | 68.0   |
| Total Key personnel         | 62.0   | 65.0   | 68.0   | 65.0   | 63.0   | 67.0   | 67.0   | 68.0   |
| Indicator value             | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

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## Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

### Notes

| Alert & Notification System | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests      | 3188  | 3188  | 3182  | 3191  | 3191  | 3196  | 3235  | 3169  |
| Total sirens-tests          | 3197  | 3200  | 3200  | 3200  | 3200  | 3200  | 3246  | 3200  |
| Indicator value             | 99.6% | 99.6% | 99.5% | 99.6% | 99.6% | 99.7% | 99.7% | 99.6% |

Licensee Comments: none

## Occupational Exposure Control Effectiveness



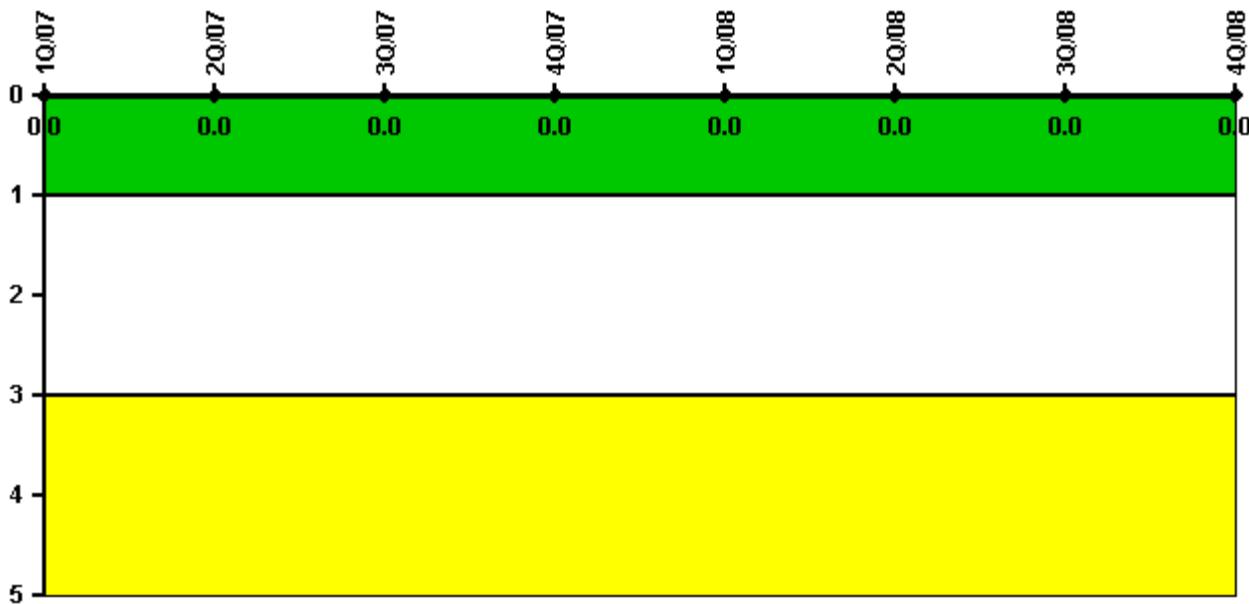
Thresholds: White > 2.0 Yellow > 5.0

### Notes

| Occupational Exposure Control Effectiveness | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| High radiation area occurrences             | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Very high radiation area occurrences        | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Unintended exposure occurrences             | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                             | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

## RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

### Notes

| RETS/ODCM Radiological Effluent | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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[Security](#) information not publicly available.

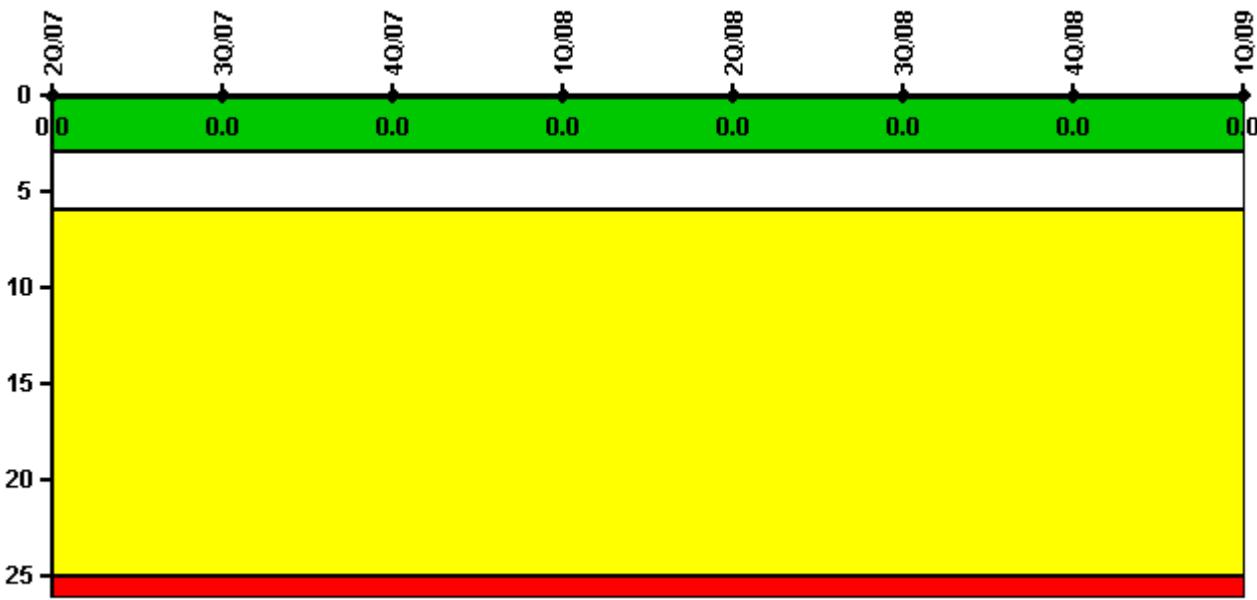
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# La Salle 1

## 1Q/2009 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

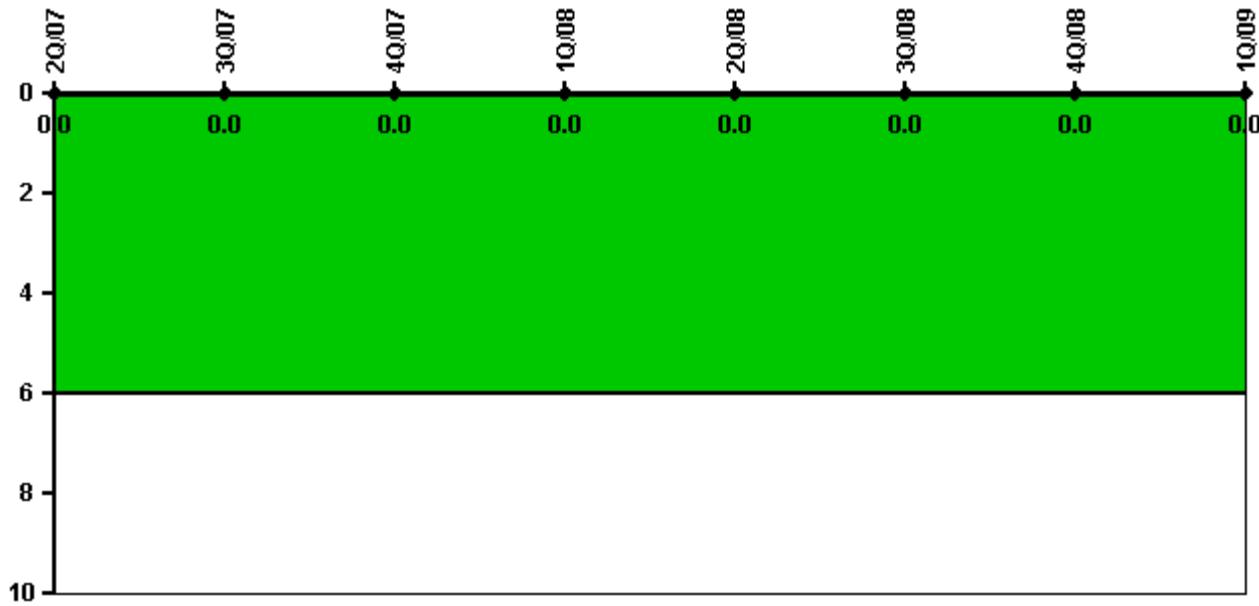
### Notes

| Unplanned Scrams per 7000 Critical Hrs | 2Q/07  | 3Q/07  | 4Q/07  | 1Q/08  | 2Q/08  | 3Q/08  | 4Q/08  | 1Q/09  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Critical hours                         | 2184.0 | 2208.0 | 2209.0 | 1614.8 | 2184.0 | 2160.5 | 2198.5 | 2159.0 |
| Indicator value                        | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |

Licensee Comments: none

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## Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

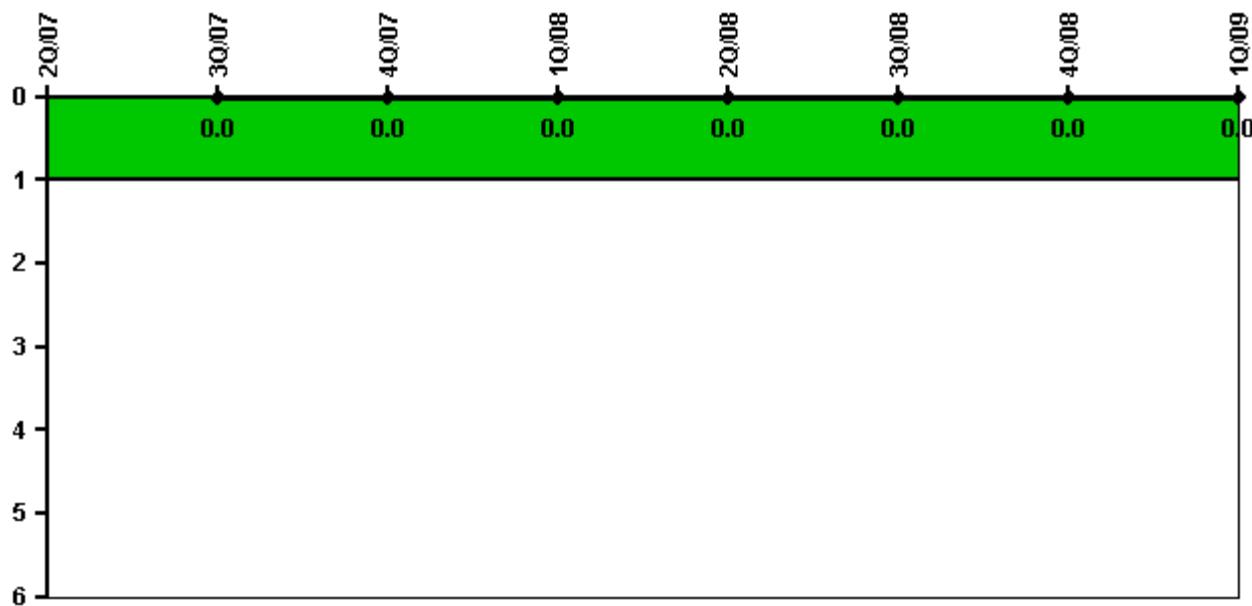
### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 2Q/07  | 3Q/07  | 4Q/07  | 1Q/08  | 2Q/08  | 3Q/08  | 4Q/08  | 1Q/09  |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes                       | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Critical hours                                | 2184.0 | 2208.0 | 2209.0 | 1614.8 | 2184.0 | 2160.5 | 2198.5 | 2159.0 |
| Indicator value                               | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |

Licensee Comments: none

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## Unplanned Scrams with Complications



Thresholds: White > 1.0

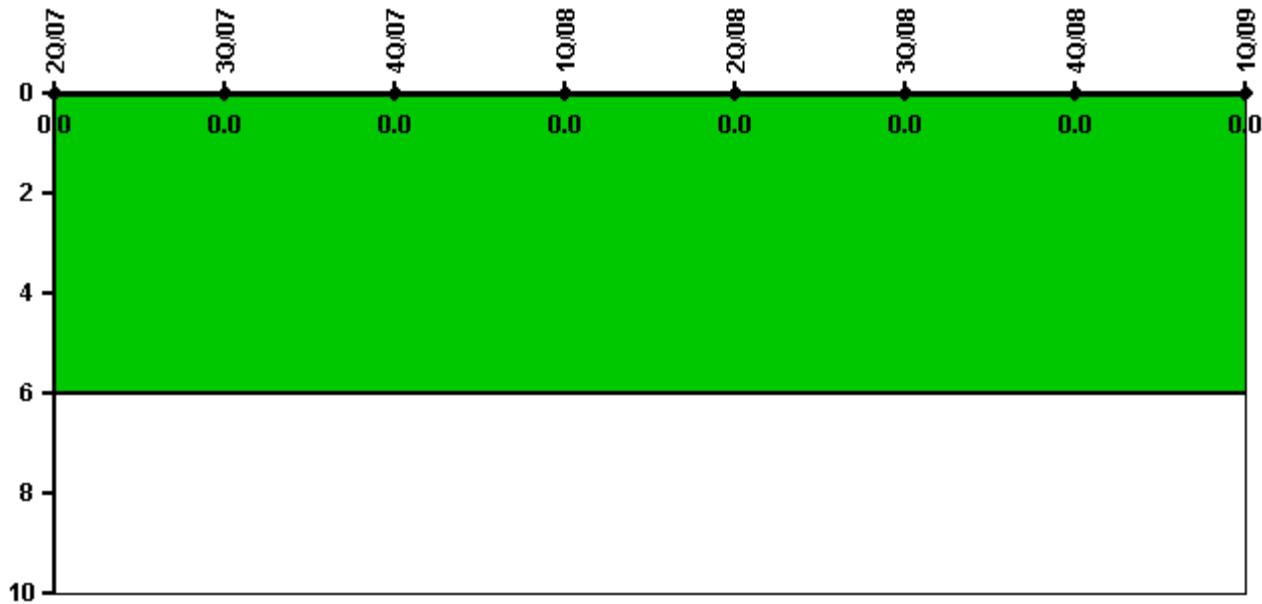
### Notes

| Unplanned Scrams with Complications | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 |
|-------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams with complications           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                     |       | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

Licensee Comments: none

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## Safety System Functional Failures (BWR)



Thresholds: White > 6.0

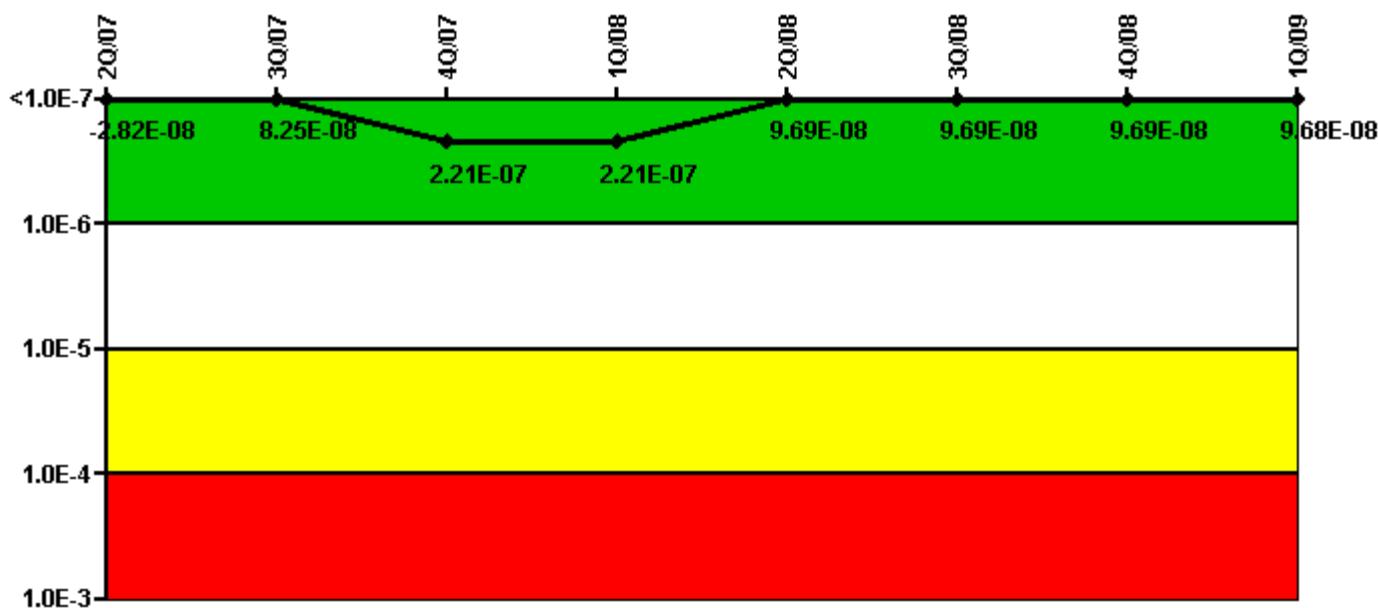
### Notes

| Safety System Functional Failures (BWR) | 2Q/07    | 3Q/07    | 4Q/07    | 1Q/08    | 2Q/08    | 3Q/08    | 4Q/08    | 1Q/09    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Safety System Functional Failures       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Indicator value                         | <b>0</b> |

Licensee Comments: none

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## Mitigating Systems Performance Index, Emergency AC Power System



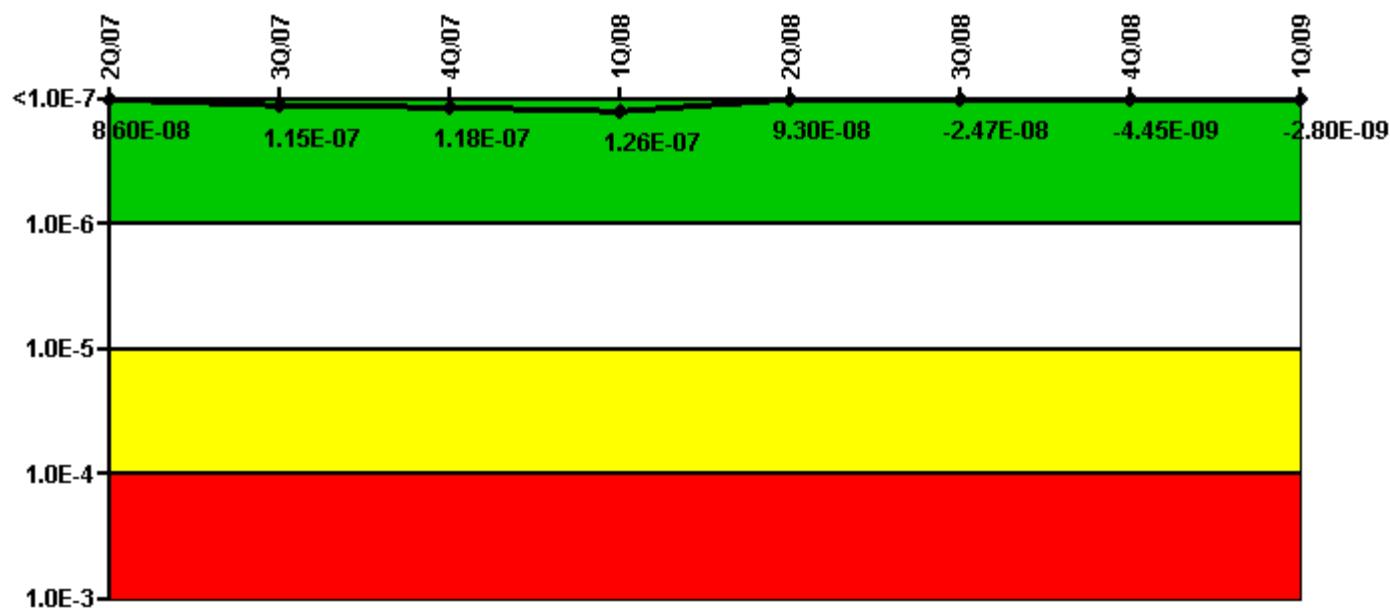
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 2Q/07            | 3Q/07           | 4Q/07           | 1Q/08           | 2Q/08           | 3Q/08           | 4Q/08           | 1Q/09           |
|---|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| UAI ( $\Delta$ CDF)   | -3.20E-09        | -3.50E-09       | -9.20E-09       | -9.10E-09       | -3.10E-09       | -3.10E-09       | -3.10E-09       | -3.20E-09       |
| URI ( $\Delta$ CDF)   | -2.50E-08        | 8.60E-08        | 2.30E-07        | 2.30E-07        | 1.00E-07        | 1.00E-07        | 1.00E-07        | 1.00E-07        |
| PLE   | NO               | NO              | NO              | NO              | NO              | NO              | NO              | NO              |
| Indicator value   | <b>-2.82E-08</b> | <b>8.25E-08</b> | <b>2.21E-07</b> | <b>2.21E-07</b> | <b>9.69E-08</b> | <b>9.69E-08</b> | <b>9.69E-08</b> | <b>9.68E-08</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, High Pressure Injection System



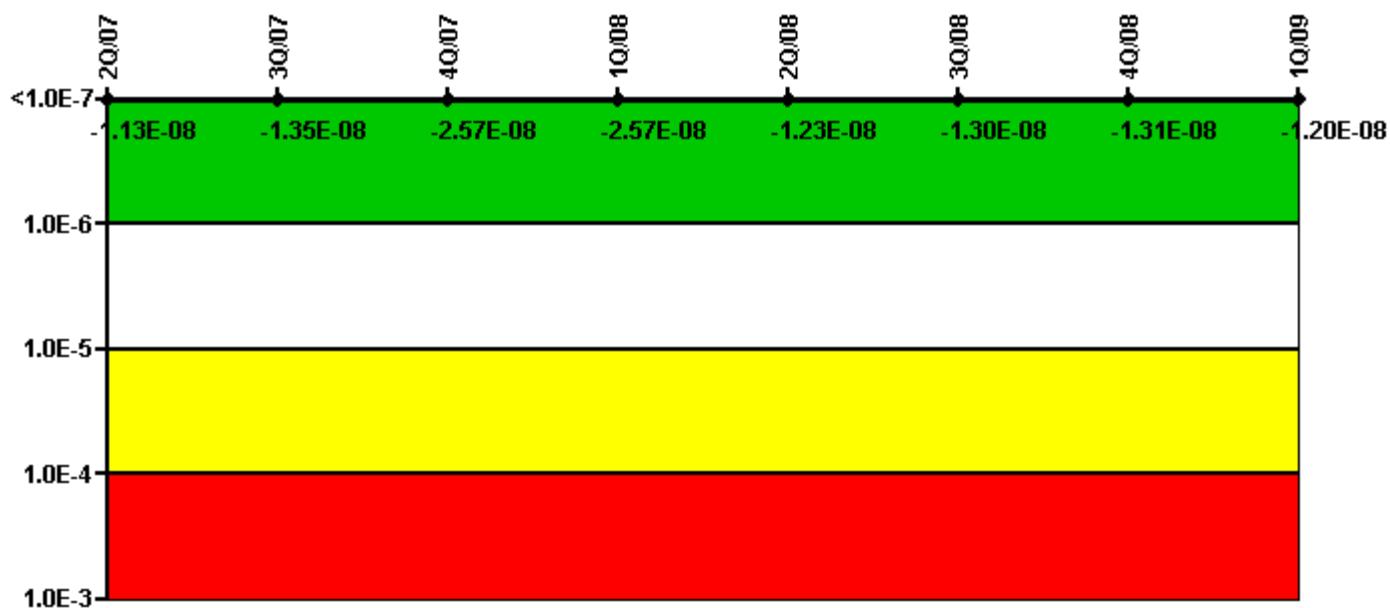
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 2Q/07           | 3Q/07           | 4Q/07           | 1Q/08           | 2Q/08           | 3Q/08            | 4Q/08            | 1Q/09            |
|--|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|------------------|------------------|
| UAI (ΔCDF)   | 2.80E-08        | 3.80E-08        | 6.60E-08        | 7.60E-08        | 3.50E-08        | -2.70E-09        | -5.50E-10        | -6.00E-10        |
| URI (ΔCDF)   | 5.80E-08        | 7.70E-08        | 5.20E-08        | 5.00E-08        | 5.80E-08        | -2.20E-08        | -3.90E-09        | -2.20E-09        |
| PLE  | NO              | NO              | NO              | NO              | NO              | NO               | NO               | NO               |
| Indicator value  | <b>8.60E-08</b> | <b>1.15E-07</b> | <b>1.18E-07</b> | <b>1.26E-07</b> | <b>9.30E-08</b> | <b>-2.47E-08</b> | <b>-4.45E-09</b> | <b>-2.80E-09</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, Heat Removal System



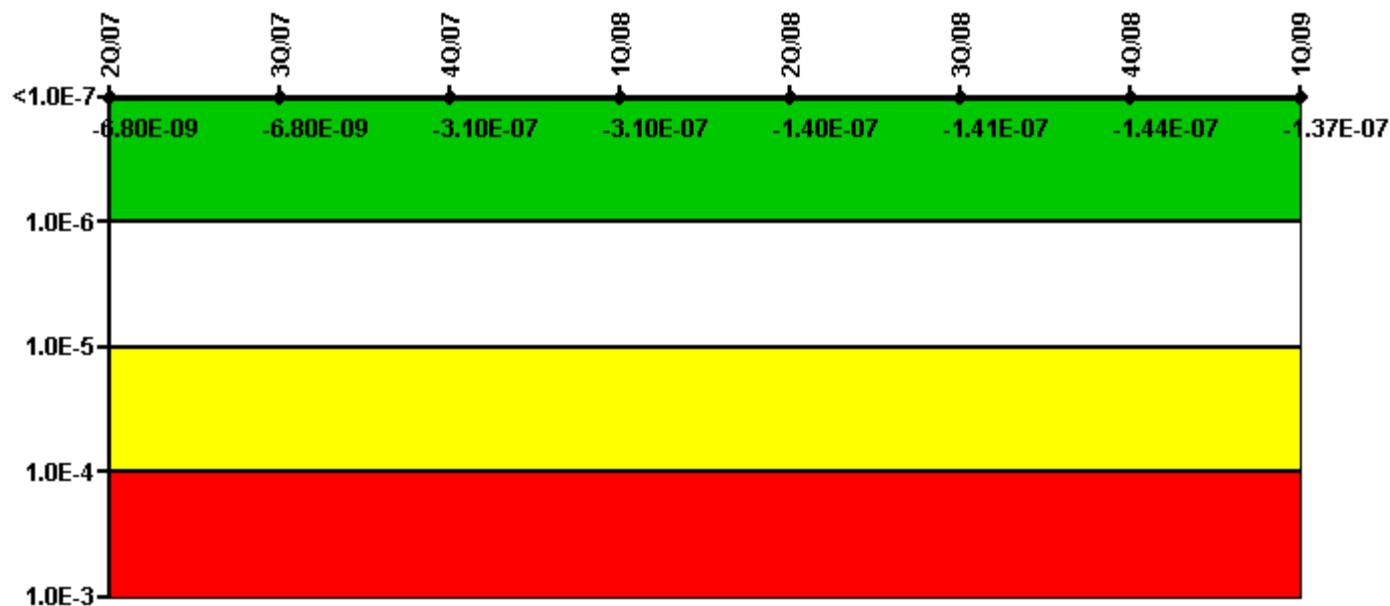
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Heat Removal System | 2Q/07            | 3Q/07            | 4Q/07            | 1Q/08            | 2Q/08            | 3Q/08            | 4Q/08            | 1Q/09            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI (ΔCDF)  | -4.50E-09        | -5.20E-09        | -9.70E-09        | -9.70E-09        | -4.70E-09        | -5.40E-09        | -5.40E-09        | -5.40E-09        |
| URI (ΔCDF)  | -6.80E-09        | -8.30E-09        | -1.60E-08        | -1.60E-08        | -7.60E-09        | -7.60E-09        | -7.70E-09        | -6.60E-09        |
| PLE   | NO               |
| Indicator value   | <b>-1.13E-08</b> | <b>-1.35E-08</b> | <b>-2.57E-08</b> | <b>-2.57E-08</b> | <b>-1.23E-08</b> | <b>-1.30E-08</b> | <b>-1.31E-08</b> | <b>-1.20E-08</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, Residual Heat Removal System



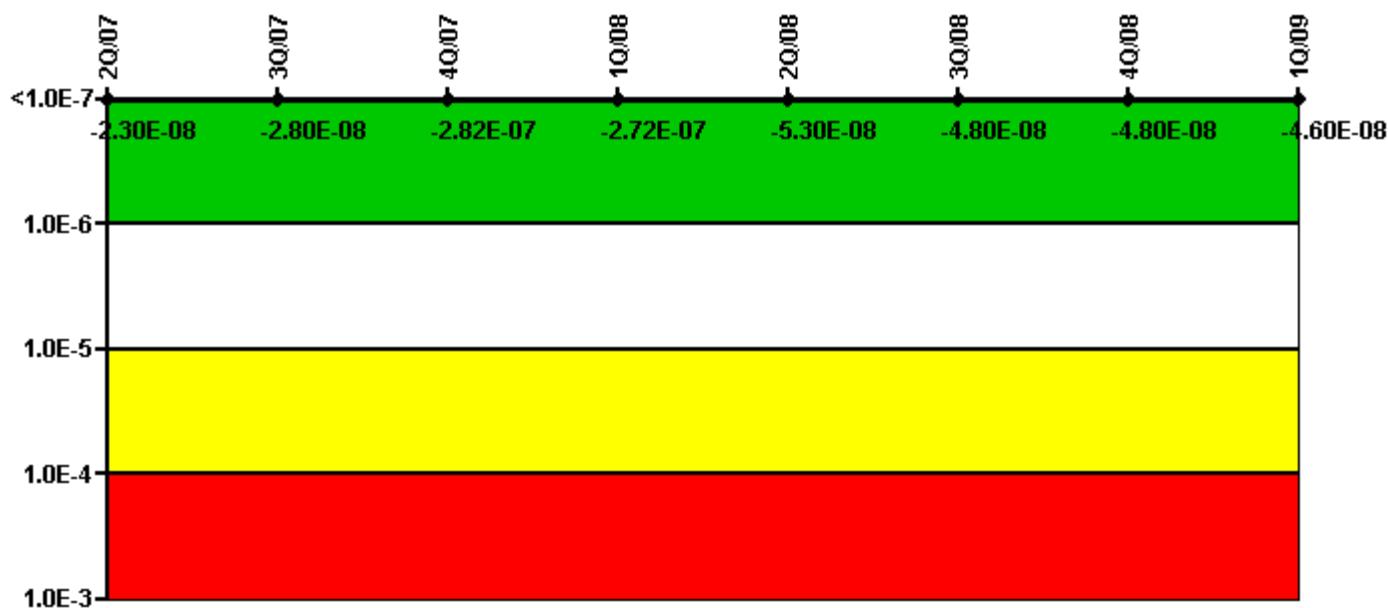
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 2Q/07            | 3Q/07            | 4Q/07            | 1Q/08            | 2Q/08            | 3Q/08            | 4Q/08            | 1Q/09            |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)  | -2.60E-09        | -2.50E-09        | -1.30E-07        | -1.30E-07        | -5.70E-08        | -5.60E-08        | -5.80E-08        | -5.80E-08        |
| URI ( $\Delta$ CDF)  | -4.20E-09        | -4.30E-09        | -1.80E-07        | -1.80E-07        | -8.30E-08        | -8.50E-08        | -8.60E-08        | -7.90E-08        |
| PLE  | NO               |
| Indicator value  | <b>-6.80E-09</b> | <b>-6.80E-09</b> | <b>-3.10E-07</b> | <b>-3.10E-07</b> | <b>-1.40E-07</b> | <b>-1.41E-07</b> | <b>-1.44E-07</b> | <b>-1.37E-07</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, Cooling Water Systems



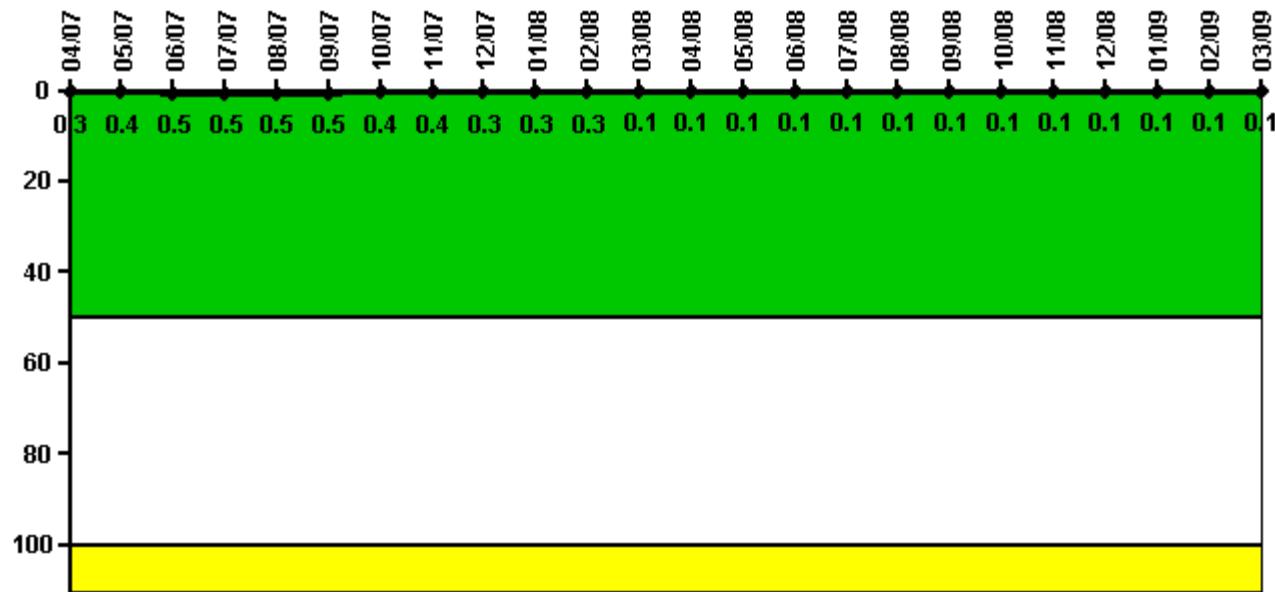
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 2Q/07            | 3Q/07            | 4Q/07            | 1Q/08            | 2Q/08            | 3Q/08            | 4Q/08            | 1Q/09            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)   | -3.50E-11        | -3.50E-11        | -1.70E-09        | -1.70E-09        | 5.70E-08         | 6.20E-08         | 6.20E-08         | 6.40E-08         |
| URI ( $\Delta$ CDF)   | -2.30E-08        | -2.80E-08        | -2.80E-07        | -2.70E-07        | -1.10E-07        | -1.10E-07        | -1.10E-07        | -1.10E-07        |
| PLE   | NO               |
| Indicator value   | <b>-2.30E-08</b> | <b>-2.80E-08</b> | <b>-2.82E-07</b> | <b>-2.72E-07</b> | <b>-5.30E-08</b> | <b>-4.80E-08</b> | <b>-4.80E-08</b> | <b>-4.60E-08</b> |

Licensee Comments: none

## Reactor Coolant System Activity



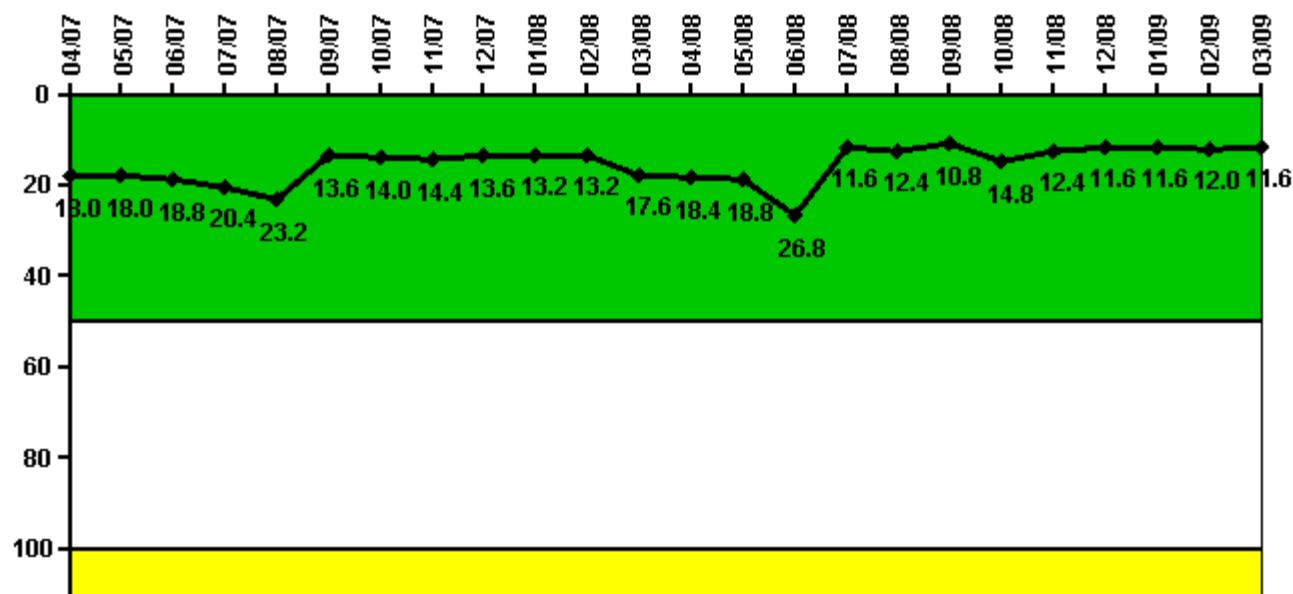
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Activity | 4/07       | 5/07       | 6/07       | 7/07       | 8/07       | 9/07       | 10/07      | 11/07      | 12/07      | 1/08       | 2/08       | 3/08       |
|---------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Maximum activity                | 0.0000593  | 0.0000744  | 0.0000973  | 0.0000986  | 0.0000958  | 0.0000940  | 0.0000769  | 0.0000771  | 0.0000574  | 0.0000650  | 0.0000605  | 0.0000237  |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| <b>Indicator value</b>          | <b>0.3</b> | <b>0.4</b> | <b>0.5</b> | <b>0.5</b> | <b>0.5</b> | <b>0.5</b> | <b>0.4</b> | <b>0.4</b> | <b>0.3</b> | <b>0.3</b> | <b>0.3</b> | <b>0.1</b> |
| Reactor Coolant System Activity | 4/08       | 5/08       | 6/08       | 7/08       | 8/08       | 9/08       | 10/08      | 11/08      | 12/08      | 1/09       | 2/09       | 3/09       |
| Maximum activity                | 0.0000270  | 0.0000267  | 0.0000260  | 0.0000253  | 0.0000257  | 0.0000280  | 0.0000214  | 0.0000219  | 0.0000231  | 0.0000218  | 0.0000259  | 0.0000213  |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| <b>Indicator value</b>          | <b>0.1</b> |

Licensee Comments: none

## Reactor Coolant System Leakage



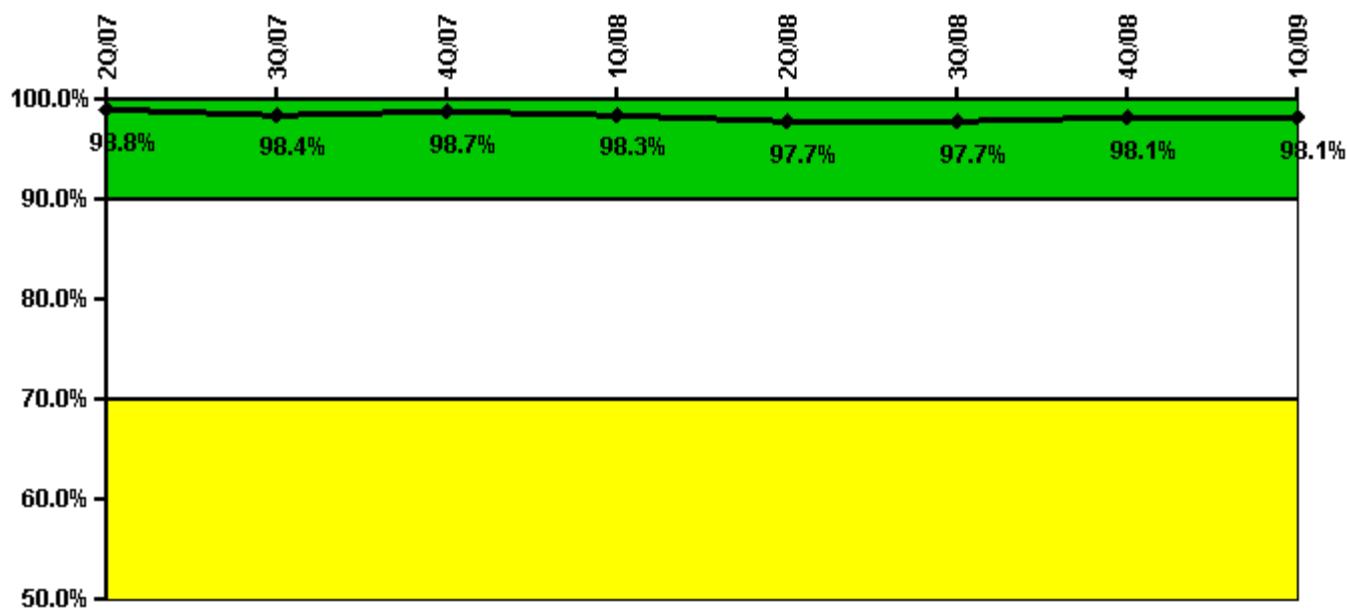
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Leakage | 4/07        | 5/07        | 6/07        | 7/07        | 8/07        | 9/07        | 10/07       | 11/07       | 12/07       | 1/08        | 2/08        | 3/08        |
|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Maximum leakage                | 4.500       | 4.500       | 4.700       | 5.100       | 5.800       | 3.400       | 3.500       | 3.600       | 3.400       | 3.300       | 3.300       | 4.400       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| Indicator value                | <b>18.0</b> | <b>18.0</b> | <b>18.8</b> | <b>20.4</b> | <b>23.2</b> | <b>13.6</b> | <b>14.0</b> | <b>14.4</b> | <b>13.6</b> | <b>13.2</b> | <b>13.2</b> | <b>17.6</b> |
| Reactor Coolant System Leakage | 4/08        | 5/08        | 6/08        | 7/08        | 8/08        | 9/08        | 10/08       | 11/08       | 12/08       | 1/09        | 2/09        | 3/09        |
| Maximum leakage                | 4.600       | 4.700       | 6.700       | 2.900       | 3.100       | 2.700       | 3.700       | 3.100       | 2.900       | 2.900       | 3.000       | 2.900       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| Indicator value                | <b>18.4</b> | <b>18.8</b> | <b>26.8</b> | <b>11.6</b> | <b>12.4</b> | <b>10.8</b> | <b>14.8</b> | <b>12.4</b> | <b>11.6</b> | <b>11.6</b> | <b>12.0</b> | <b>11.6</b> |

Licensee Comments: none

## Drill/Exercise Performance



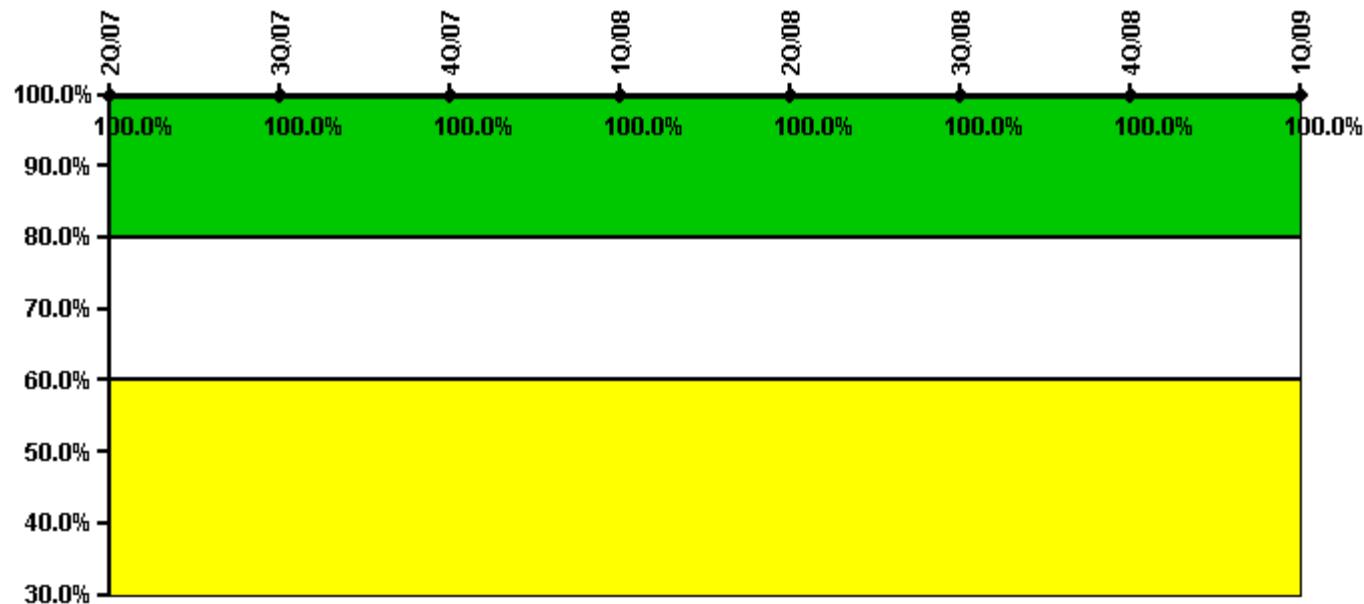
Thresholds: White < 90.0% Yellow < 70.0%

### Notes

| Drill/Exercise Performance | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities   | 44.0  | 50.0  | 50.0  | 7.0   | 49.0  | 36.0  | 50.0  | 20.0  |
| Total opportunities        | 44.0  | 52.0  | 50.0  | 8.0   | 52.0  | 36.0  | 50.0  | 20.0  |
| Indicator value            | 98.8% | 98.4% | 98.7% | 98.3% | 97.7% | 97.7% | 98.1% | 98.1% |

Licensee Comments: none

## ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

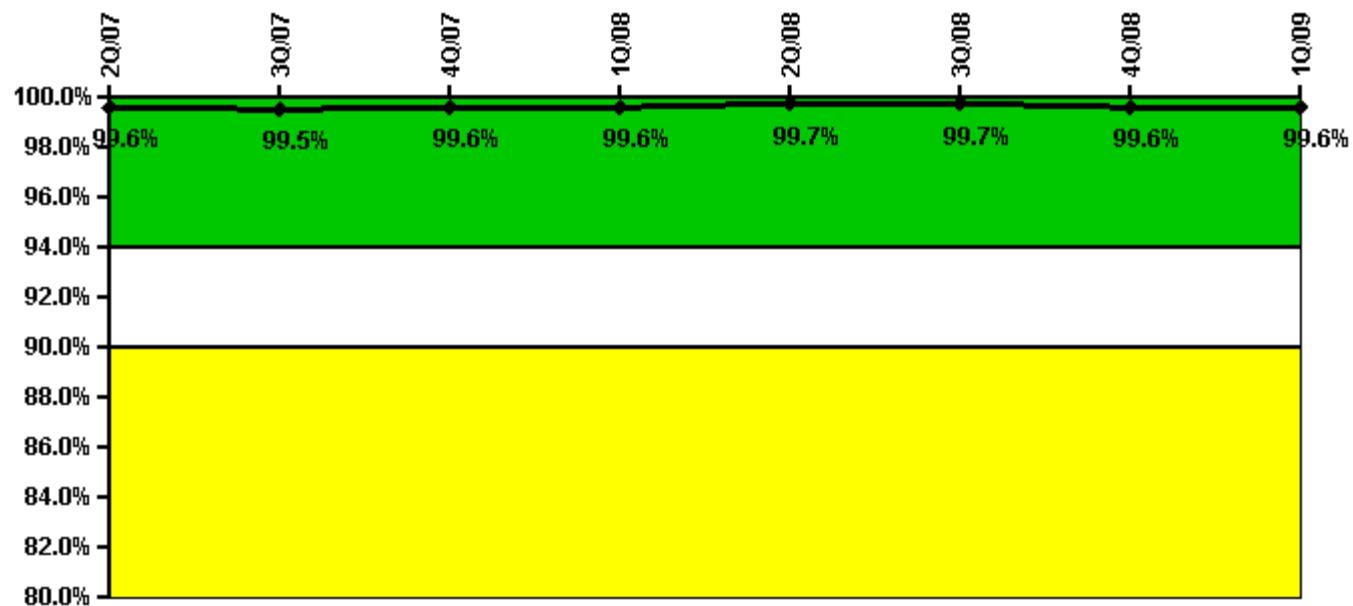
### Notes

| ERO Drill Participation     | 2Q/07  | 3Q/07  | 4Q/07  | 1Q/08  | 2Q/08  | 3Q/08  | 4Q/08  | 1Q/09  |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| Participating Key personnel | 65.0   | 68.0   | 65.0   | 63.0   | 67.0   | 67.0   | 68.0   | 65.0   |
| Total Key personnel         | 65.0   | 68.0   | 65.0   | 63.0   | 67.0   | 67.0   | 68.0   | 65.0   |
| Indicator value             | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

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## Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

### Notes

| Alert & Notification System | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests      | 3188  | 3182  | 3191  | 3191  | 3196  | 3235  | 3169  | 3144  |
| Total sirens-tests          | 3200  | 3200  | 3200  | 3200  | 3200  | 3246  | 3200  | 3150  |
| Indicator value             | 99.6% | 99.5% | 99.6% | 99.6% | 99.7% | 99.7% | 99.6% | 99.6% |

Licensee Comments: none

## Occupational Exposure Control Effectiveness



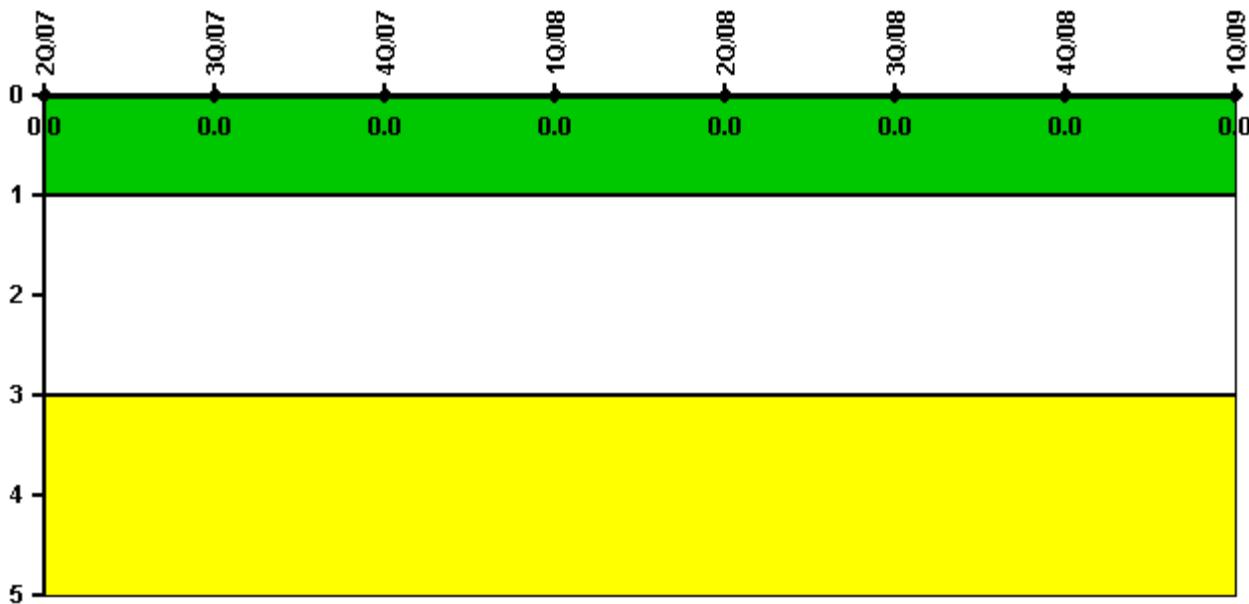
Thresholds: White > 2.0 Yellow > 5.0

### Notes

| Occupational Exposure Control Effectiveness | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| High radiation area occurrences             | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Very high radiation area occurrences        | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Unintended exposure occurrences             | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                             | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

## RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

### Notes

| RETS/ODCM Radiological Effluent | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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[Security](#) information not publicly available.

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[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

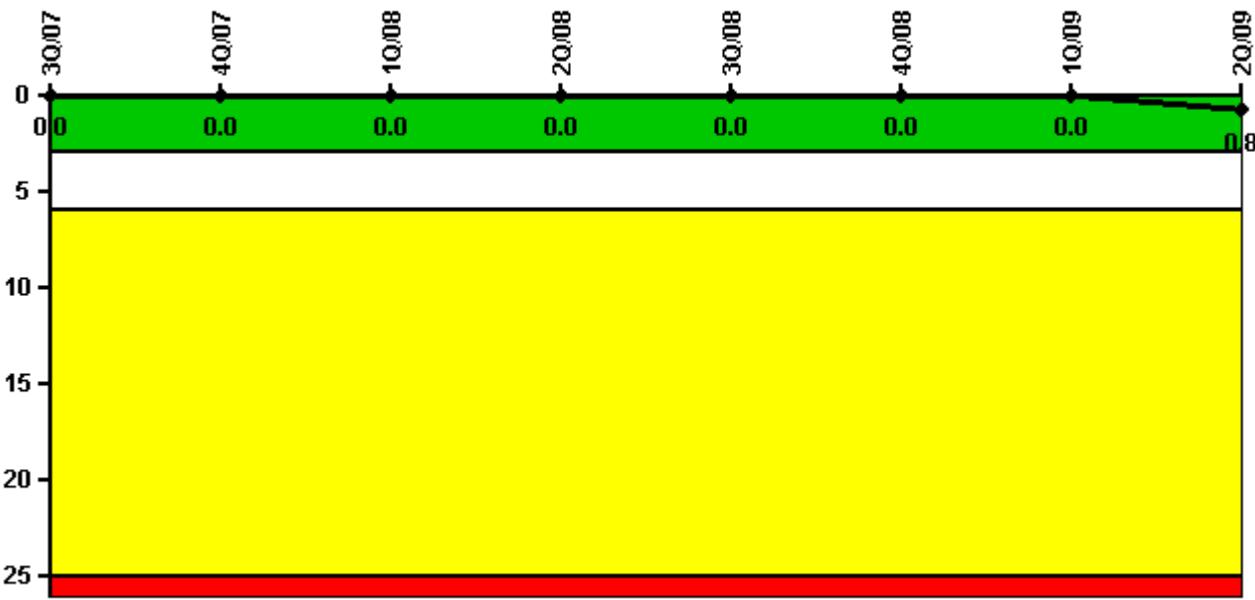
Last Modified: May 1, 2009

# La Salle 1

## 2Q/2009 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

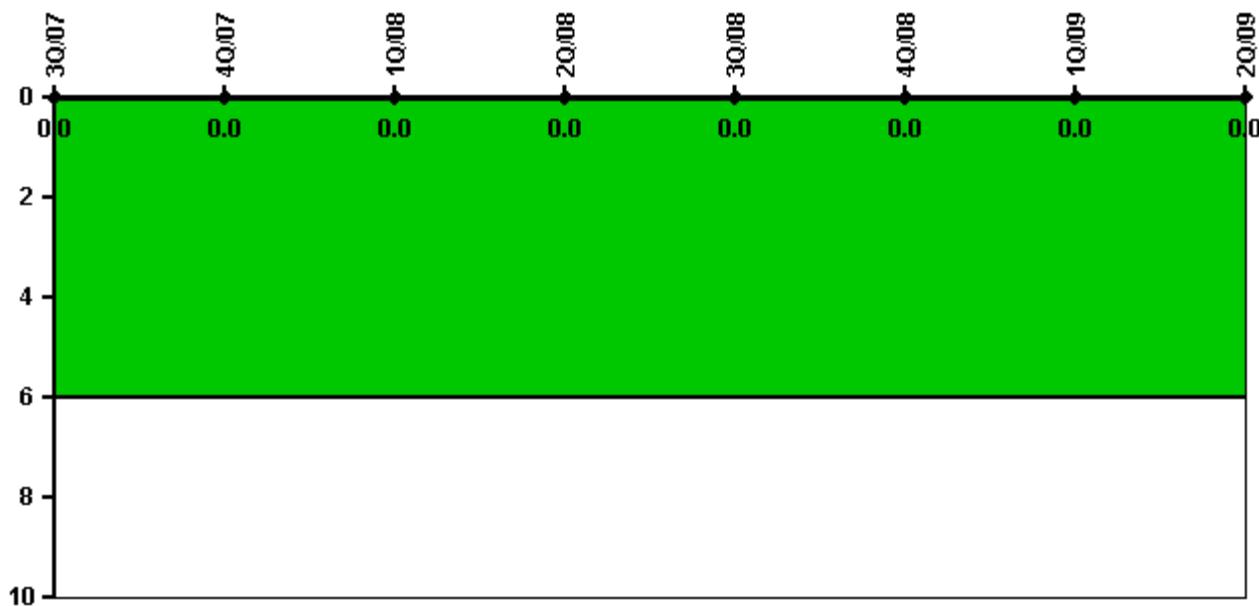
### Notes

| Unplanned Scrams per 7000 Critical Hrs | 3Q/07  | 4Q/07  | 1Q/08  | 2Q/08  | 3Q/08  | 4Q/08  | 1Q/09  | 2Q/09  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1.0    |
| Critical hours                         | 2208.0 | 2209.0 | 1614.8 | 2184.0 | 2160.5 | 2198.5 | 2159.0 | 2142.3 |
| Indicator value                        | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0.8    |

Licensee Comments: none

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## Unplanned Power Changes per 7000 Critical Hrs



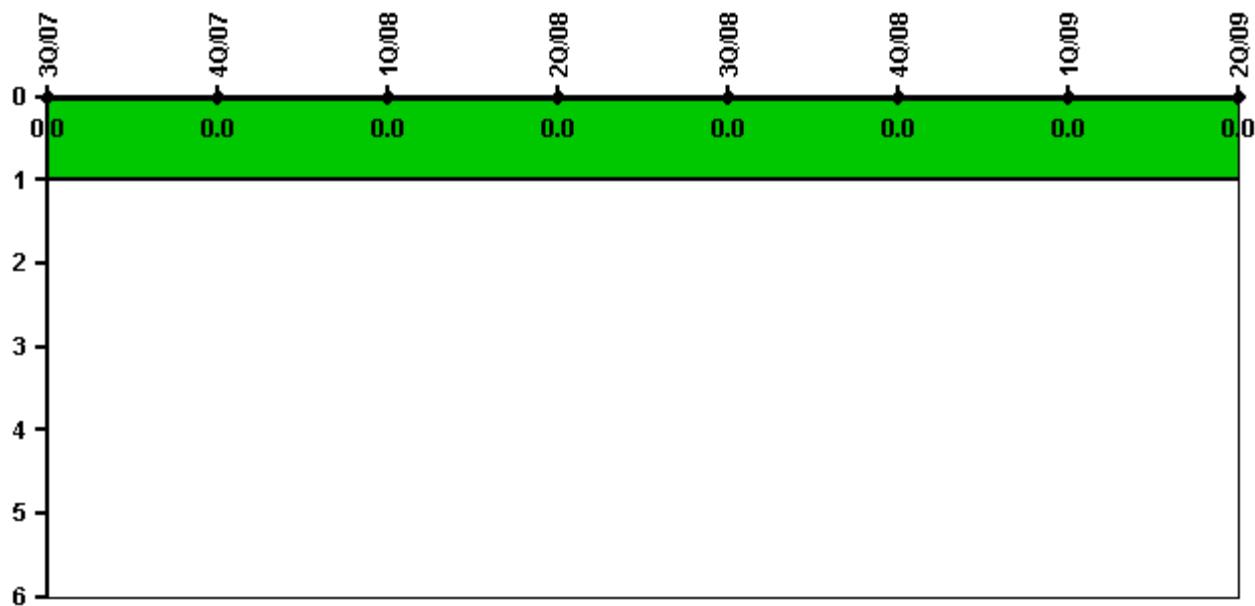
Thresholds: White > 6.0

### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 3Q/07  | 4Q/07  | 1Q/08  | 2Q/08  | 3Q/08  | 4Q/08  | 1Q/09  | 2Q/09  |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes                       | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Critical hours                                | 2208.0 | 2209.0 | 1614.8 | 2184.0 | 2160.5 | 2198.5 | 2159.0 | 2142.3 |
| Indicator value                               | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |

Licensee Comments: none

## Unplanned Scrams with Complications



Thresholds: White > 1.0

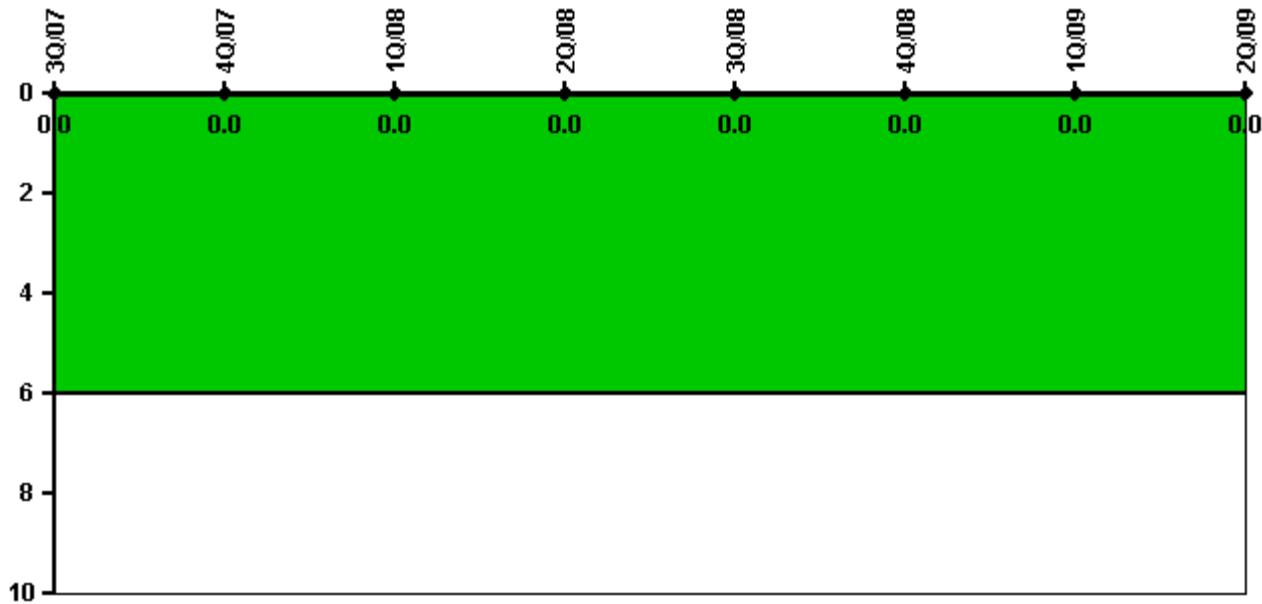
### Notes

| Unplanned Scrams with Complications | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 |
|-------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams with complications           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
|                                     |       |       |       |       |       |       |       |       |
|                                     |       |       |       |       |       |       |       |       |
| Indicator value                     | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

Licensee Comments: none

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## Safety System Functional Failures (BWR)



Thresholds: White > 6.0

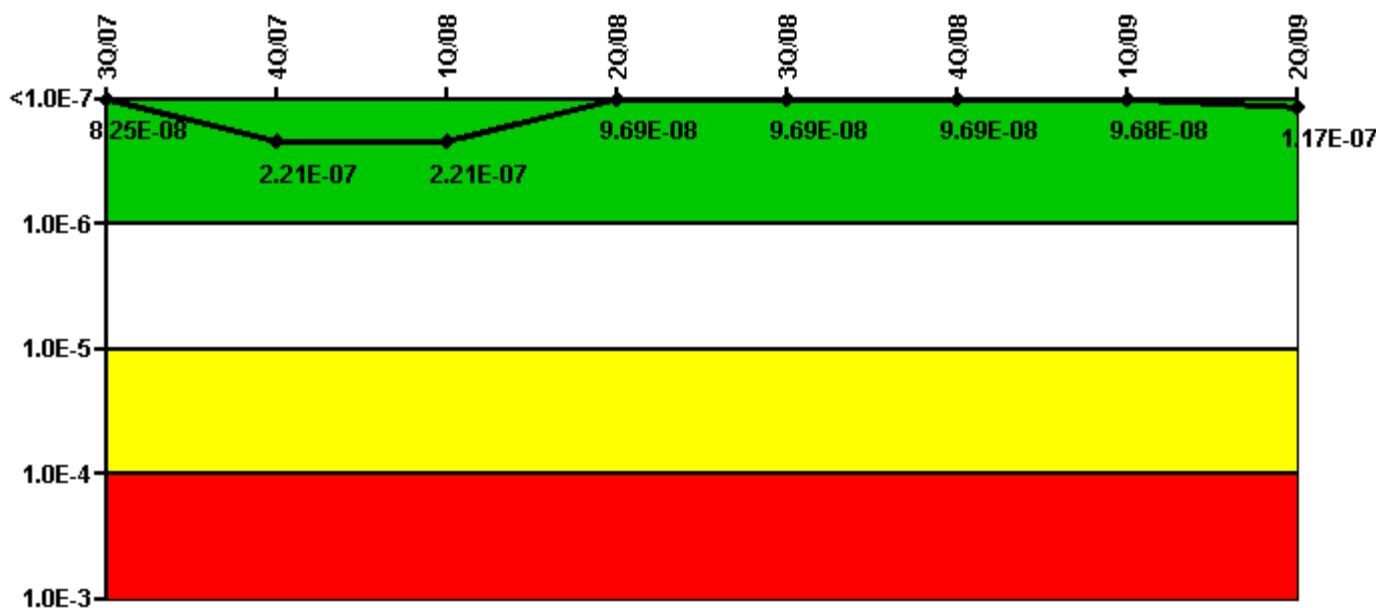
### Notes

| Safety System Functional Failures (BWR) | 3Q/07    | 4Q/07    | 1Q/08    | 2Q/08    | 3Q/08    | 4Q/08    | 1Q/09    | 2Q/09    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Safety System Functional Failures       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Indicator value                         | <b>0</b> |

Licensee Comments: none

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## Mitigating Systems Performance Index, Emergency AC Power System



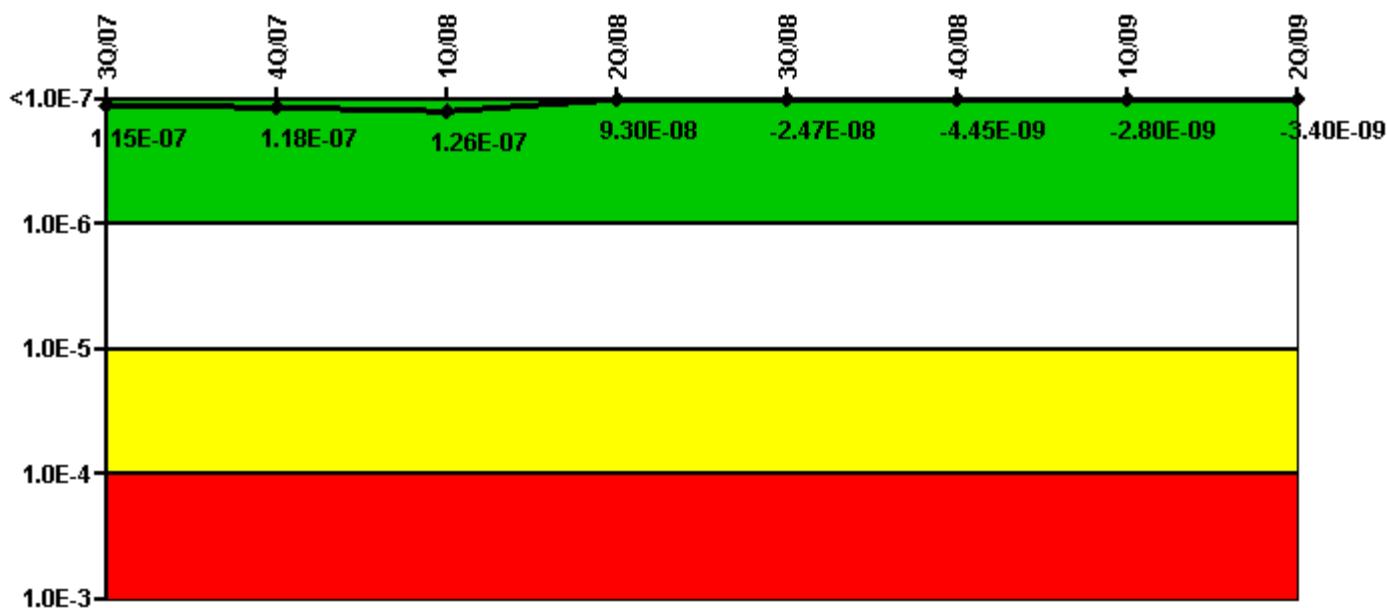
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 3Q/07     | 4Q/07     | 1Q/08     | 2Q/08     | 3Q/08     | 4Q/08     | 1Q/09     | 2Q/09     |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI ( $\Delta$ CDF)   | -3.50E-09 | -9.20E-09 | -9.10E-09 | -3.10E-09 | -3.10E-09 | -3.10E-09 | -3.20E-09 | -3.00E-09 |
| URI ( $\Delta$ CDF)   | 8.60E-08  | 2.30E-07  | 2.30E-07  | 1.00E-07  | 1.00E-07  | 1.00E-07  | 1.00E-07  | 1.20E-07  |
| PLE   | NO        |
| Indicator value   | 8.25E-08  | 2.21E-07  | 2.21E-07  | 9.69E-08  | 9.69E-08  | 9.69E-08  | 9.68E-08  | 1.17E-07  |

Licensee Comments: none

## Mitigating Systems Performance Index, High Pressure Injection System



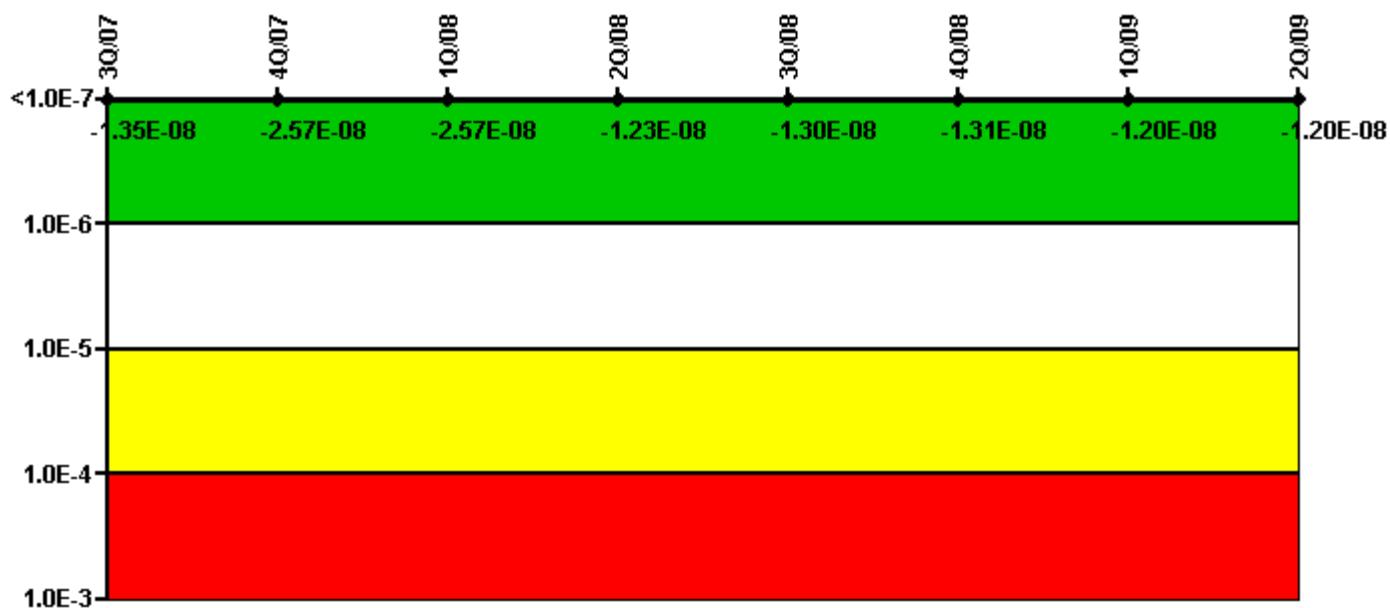
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 3Q/07           | 4Q/07           | 1Q/08           | 2Q/08           | 3Q/08            | 4Q/08            | 1Q/09            | 2Q/09            |
|--|-----------------|-----------------|-----------------|-----------------|------------------|------------------|------------------|------------------|
| UAI (ΔCDF)   | 3.80E-08        | 6.60E-08        | 7.60E-08        | 3.50E-08        | -2.70E-09        | -5.50E-10        | -6.00E-10        | -6.00E-10        |
| URI (ΔCDF)   | 7.70E-08        | 5.20E-08        | 5.00E-08        | 5.80E-08        | -2.20E-08        | -3.90E-09        | -2.20E-09        | -2.80E-09        |
| PLE  | NO              | NO              | NO              | NO              | NO               | NO               | NO               | NO               |
| Indicator value  | <b>1.15E-07</b> | <b>1.18E-07</b> | <b>1.26E-07</b> | <b>9.30E-08</b> | <b>-2.47E-08</b> | <b>-4.45E-09</b> | <b>-2.80E-09</b> | <b>-3.40E-09</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, Heat Removal System



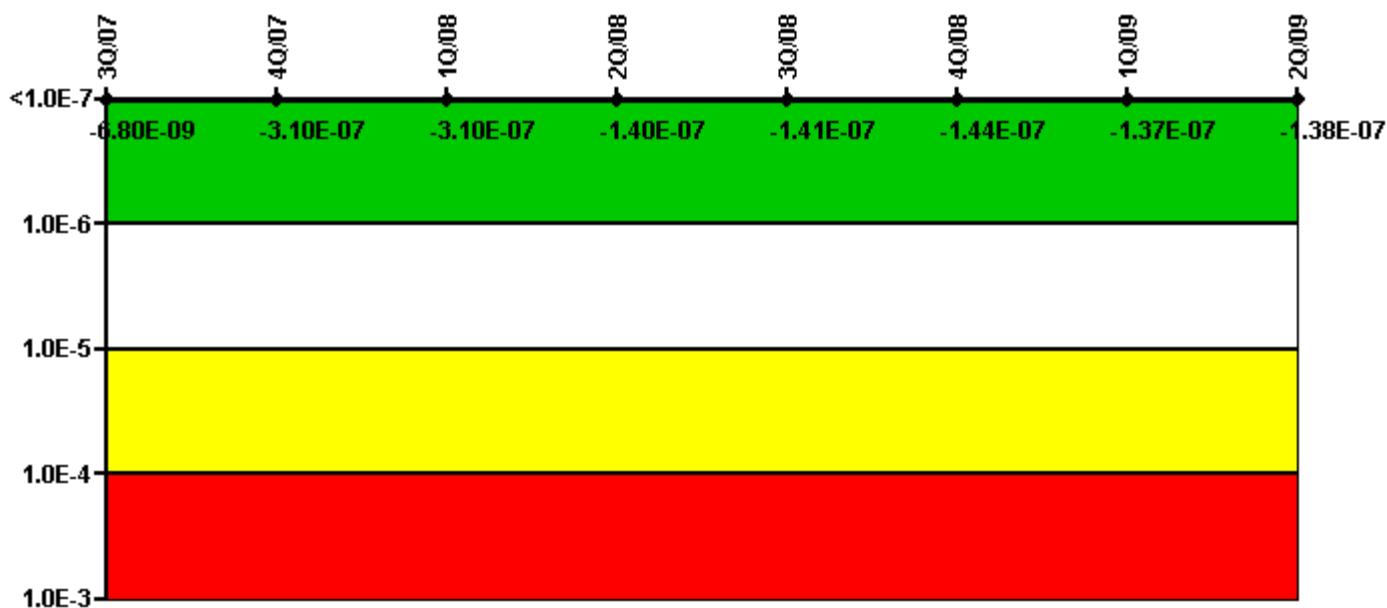
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Heat Removal System | 3Q/07            | 4Q/07            | 1Q/08            | 2Q/08            | 3Q/08            | 4Q/08            | 1Q/09            | 2Q/09            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI (ΔCDF)  | -5.20E-09        | -9.70E-09        | -9.70E-09        | -4.70E-09        | -5.40E-09        | -5.40E-09        | -5.40E-09        | -5.40E-09        |
| URI (ΔCDF)  | -8.30E-09        | -1.60E-08        | -1.60E-08        | -7.60E-09        | -7.60E-09        | -7.70E-09        | -6.60E-09        | -6.60E-09        |
| PLE   | NO               |
| Indicator value   | <b>-1.35E-08</b> | <b>-2.57E-08</b> | <b>-2.57E-08</b> | <b>-1.23E-08</b> | <b>-1.30E-08</b> | <b>-1.31E-08</b> | <b>-1.20E-08</b> | <b>-1.20E-08</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

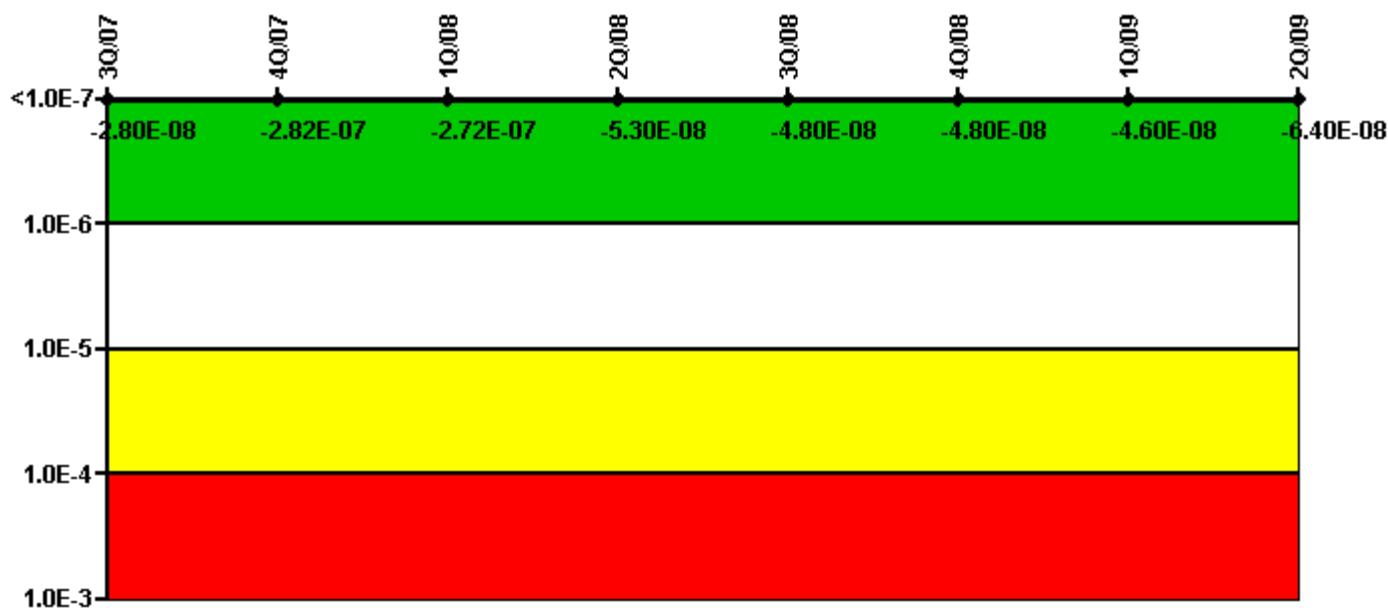
### Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 3Q/07            | 4Q/07            | 1Q/08            | 2Q/08            | 3Q/08            | 4Q/08            | 1Q/09            | 2Q/09            |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)  | -2.50E-09        | -1.30E-07        | -1.30E-07        | -5.70E-08        | -5.60E-08        | -5.80E-08        | -5.80E-08        | -5.80E-08        |
| URI ( $\Delta$ CDF)  | -4.30E-09        | -1.80E-07        | -1.80E-07        | -8.30E-08        | -8.50E-08        | -8.60E-08        | -7.90E-08        | -8.00E-08        |
| PLE  | NO               |
| Indicator value  | <b>-6.80E-09</b> | <b>-3.10E-07</b> | <b>-3.10E-07</b> | <b>-1.40E-07</b> | <b>-1.41E-07</b> | <b>-1.44E-07</b> | <b>-1.37E-07</b> | <b>-1.38E-07</b> |

Licensee Comments: none

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## Mitigating Systems Performance Index, Cooling Water Systems



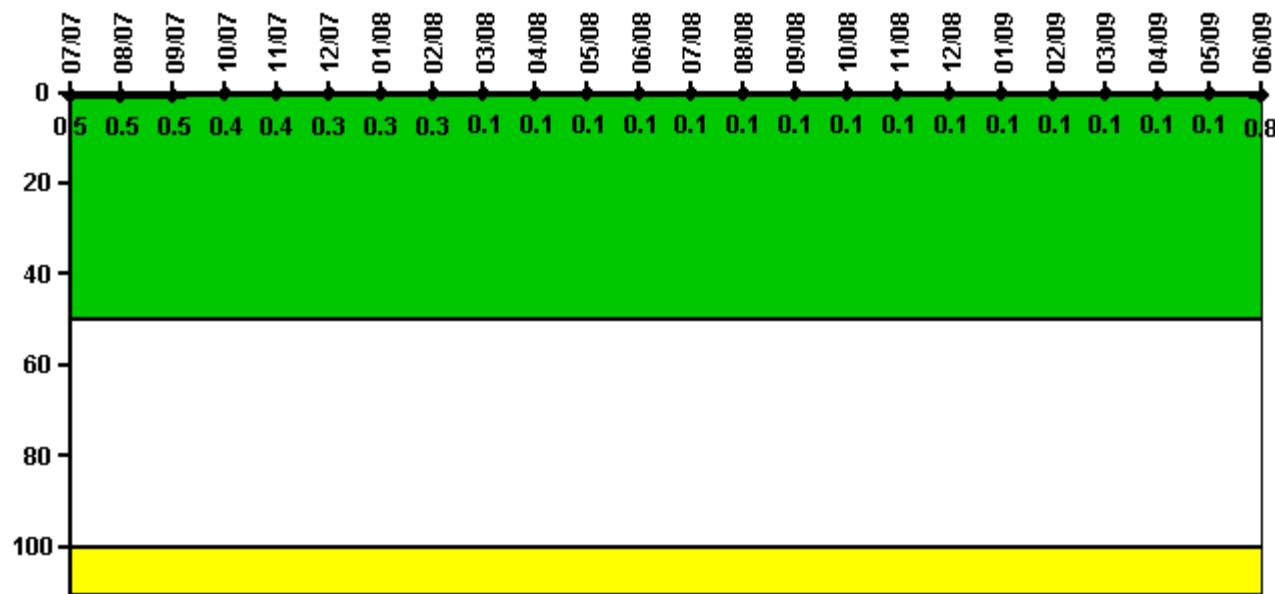
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 3Q/07            | 4Q/07            | 1Q/08            | 2Q/08            | 3Q/08            | 4Q/08            | 1Q/09            | 2Q/09            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI (ΔCDF)  | -3.50E-11        | -1.70E-09        | -1.70E-09        | 5.70E-08         | 6.20E-08         | 6.20E-08         | 6.40E-08         | 4.60E-08         |
| URI (ΔCDF)  | -2.80E-08        | -2.80E-07        | -2.70E-07        | -1.10E-07        | -1.10E-07        | -1.10E-07        | -1.10E-07        | -1.10E-07        |
| PLE   | NO               |
| Indicator value   | <b>-2.80E-08</b> | <b>-2.82E-07</b> | <b>-2.72E-07</b> | <b>-5.30E-08</b> | <b>-4.80E-08</b> | <b>-4.80E-08</b> | <b>-4.60E-08</b> | <b>-6.40E-08</b> |

Licensee Comments: none

## Reactor Coolant System Activity



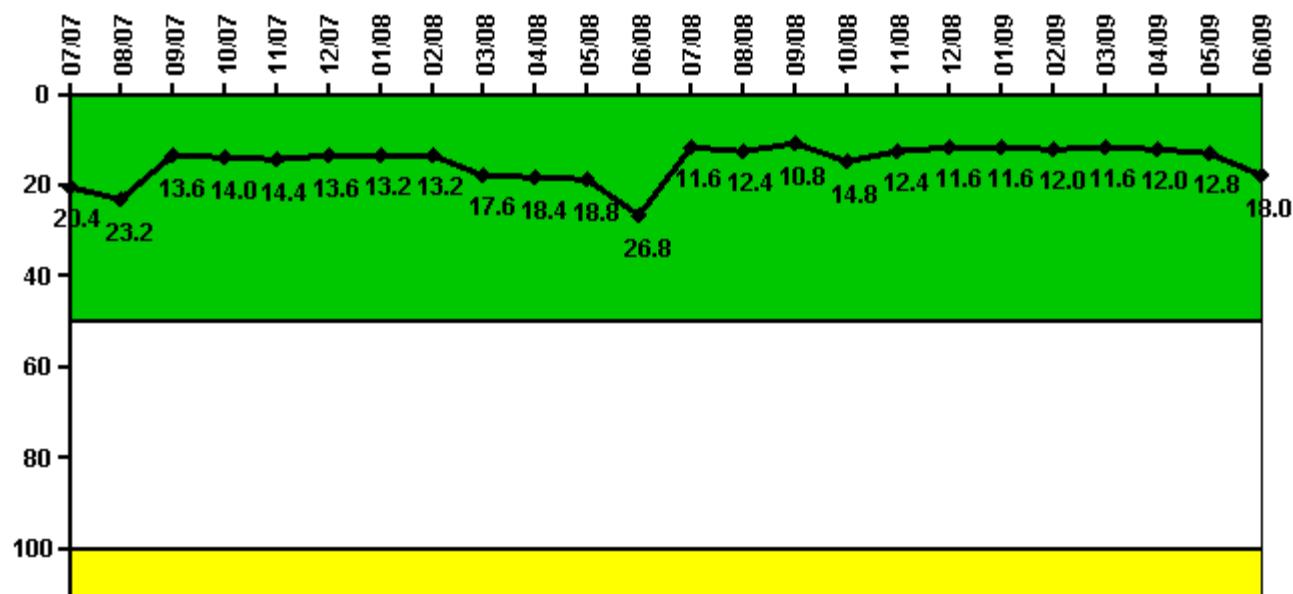
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Activity | 7/07       | 8/07       | 9/07       | 10/07      | 11/07      | 12/07      | 1/08       | 2/08       | 3/08       | 4/08       | 5/08       | 6/08       |
|---------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Maximum activity                | 0.0000986  | 0.0000958  | 0.0000940  | 0.0000769  | 0.0000771  | 0.0000574  | 0.0000650  | 0.0000605  | 0.0000237  | 0.0000270  | 0.0000267  | 0.0000260  |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| <b>Indicator value</b>          | <b>0.5</b> | <b>0.5</b> | <b>0.5</b> | <b>0.4</b> | <b>0.4</b> | <b>0.3</b> | <b>0.3</b> | <b>0.3</b> | <b>0.1</b> | <b>0.1</b> | <b>0.1</b> | <b>0.1</b> |
| Reactor Coolant System Activity | 7/08       | 8/08       | 9/08       | 10/08      | 11/08      | 12/08      | 1/09       | 2/09       | 3/09       | 4/09       | 5/09       | 6/09       |
| Maximum activity                | 0.0000253  | 0.0000257  | 0.0000280  | 0.0000214  | 0.0000219  | 0.0000231  | 0.0000218  | 0.0000259  | 0.0000213  | 0.0000199  | 0.0000200  | 0.0001510  |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| <b>Indicator value</b>          | <b>0.1</b> | <b>0.8</b> |

Licensee Comments: none

## Reactor Coolant System Leakage



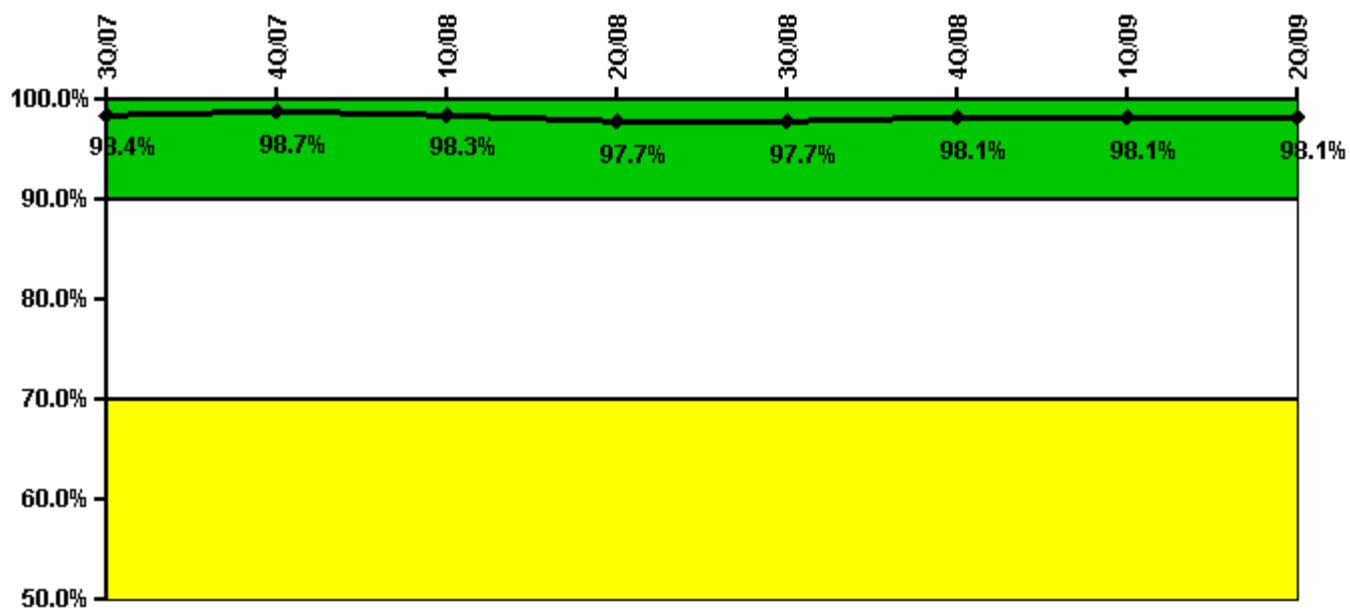
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Leakage | 7/07        | 8/07        | 9/07        | 10/07       | 11/07       | 12/07       | 1/08        | 2/08        | 3/08        | 4/08        | 5/08        | 6/08        |
|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Maximum leakage                | 5.100       | 5.800       | 3.400       | 3.500       | 3.600       | 3.400       | 3.300       | 3.300       | 4.400       | 4.600       | 4.700       | 6.700       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| <b>Indicator value</b>         | <b>20.4</b> | <b>23.2</b> | <b>13.6</b> | <b>14.0</b> | <b>14.4</b> | <b>13.6</b> | <b>13.2</b> | <b>13.2</b> | <b>17.6</b> | <b>18.4</b> | <b>18.8</b> | <b>26.8</b> |
| Reactor Coolant System Leakage | 7/08        | 8/08        | 9/08        | 10/08       | 11/08       | 12/08       | 1/09        | 2/09        | 3/09        | 4/09        | 5/09        | 6/09        |
| Maximum leakage                | 2.900       | 3.100       | 2.700       | 3.700       | 3.100       | 2.900       | 2.900       | 3.000       | 2.900       | 3.000       | 3.200       | 4.500       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| <b>Indicator value</b>         | <b>11.6</b> | <b>12.4</b> | <b>10.8</b> | <b>14.8</b> | <b>12.4</b> | <b>11.6</b> | <b>11.6</b> | <b>12.0</b> | <b>11.6</b> | <b>12.0</b> | <b>12.8</b> | <b>18.0</b> |

Licensee Comments: none

## Drill/Exercise Performance



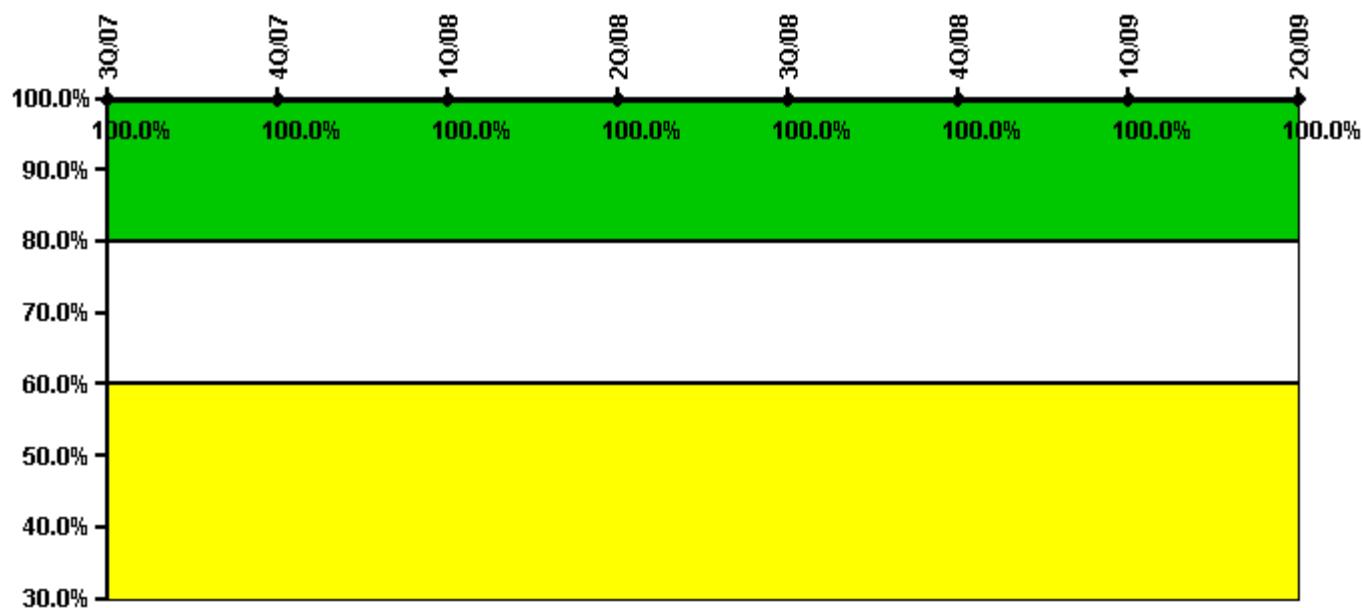
Thresholds: White < 90.0% Yellow < 70.0%

### Notes

| Drill/Exercise Performance | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities   | 50.0  | 50.0  | 7.0   | 49.0  | 36.0  | 50.0  | 20.0  | 44.0  |
| Total opportunities        | 52.0  | 50.0  | 8.0   | 52.0  | 36.0  | 50.0  | 20.0  | 44.0  |
| Indicator value            | 98.4% | 98.7% | 98.3% | 97.7% | 97.7% | 98.1% | 98.1% | 98.1% |

Licensee Comments: none

## ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

### Notes

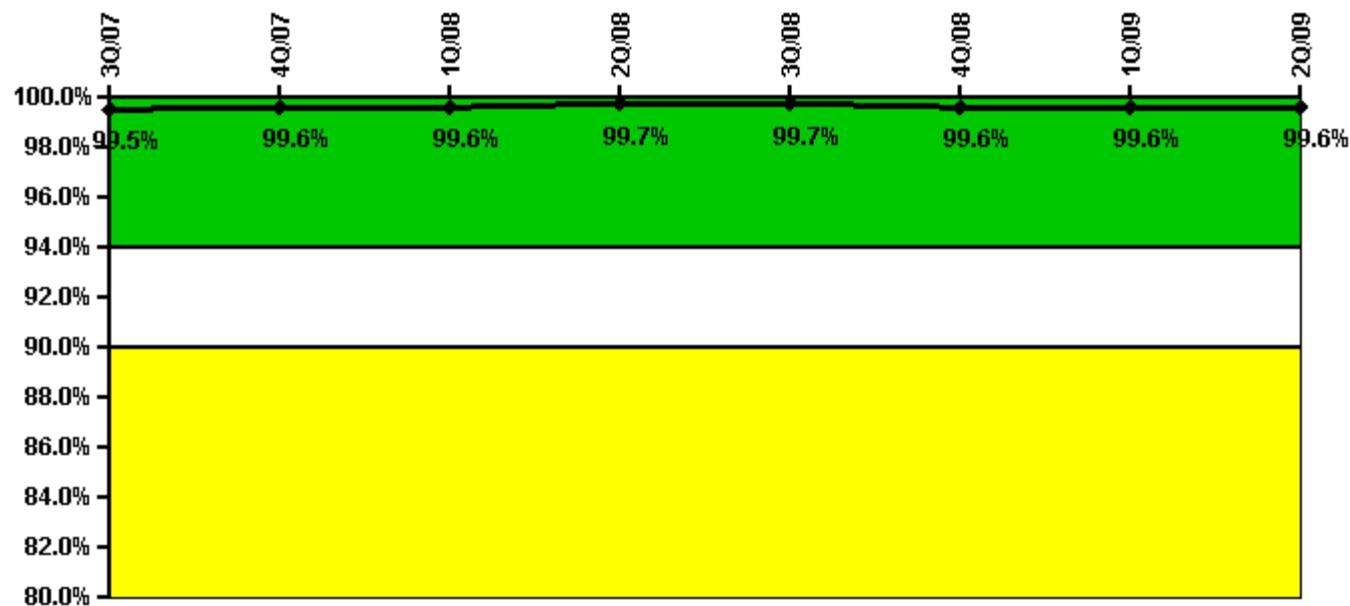
| ERO Drill Participation     | 3Q/07  | 4Q/07  | 1Q/08  | 2Q/08  | 3Q/08  | 4Q/08  | 1Q/09  | 2Q/09  |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| Participating Key personnel | 68.0   | 65.0   | 64.0   | 67.0   | 67.0   | 68.0   | 65.0   | 66.0   |
| Total Key personnel         | 68.0   | 65.0   | 64.0   | 67.0   | 67.0   | 68.0   | 65.0   | 66.0   |
| Indicator value             | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

### Licensee Comments:

1Q/08: An internal review identified that a Corporate Emergency Director had been added to the key ERO member list but was inadvertently not counted in the March 2008 performance indicator data. This increased the number of key ERO personnel participating and the total number of key ERO personnel for March 2008 from 63 to 64. The Performance Indicator color was unchanged, and the occurrence has been entered into the Station's corrective action program.

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## Alert & Notification System



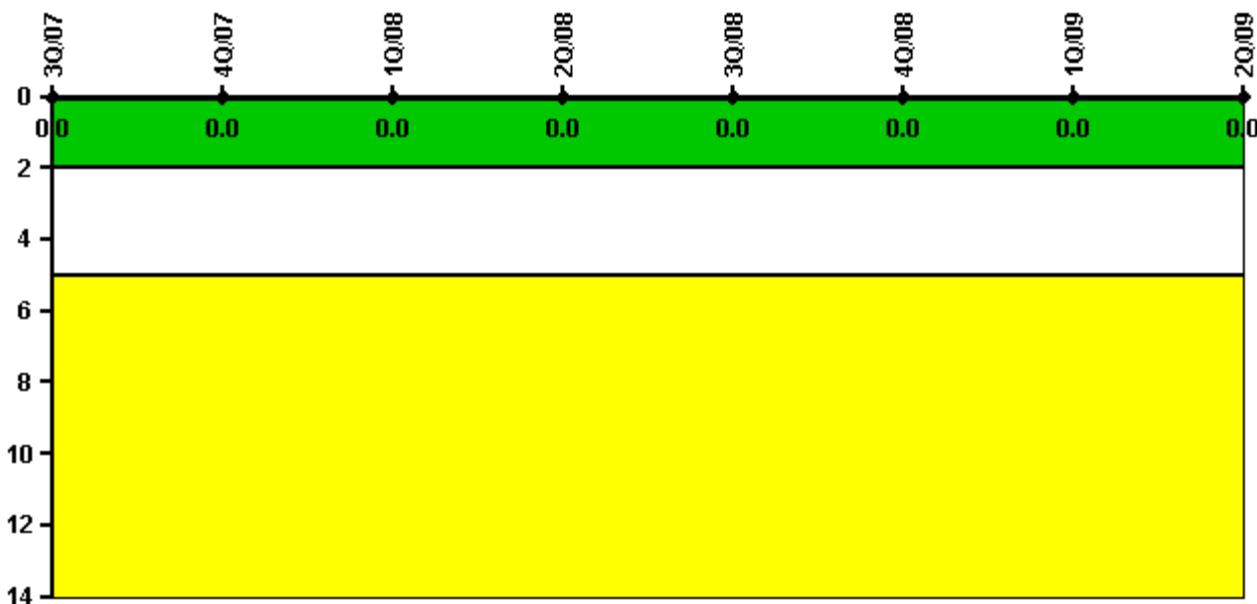
Thresholds: White < 94.0% Yellow < 90.0%

### Notes

| Alert & Notification System | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests      | 3182  | 3191  | 3191  | 3196  | 3235  | 3169  | 3144  | 3199  |
| Total sirens-tests          | 3200  | 3200  | 3200  | 3200  | 3246  | 3200  | 3150  | 3200  |
| Indicator value             | 99.5% | 99.6% | 99.6% | 99.7% | 99.7% | 99.6% | 99.6% | 99.6% |

Licensee Comments: none

## Occupational Exposure Control Effectiveness



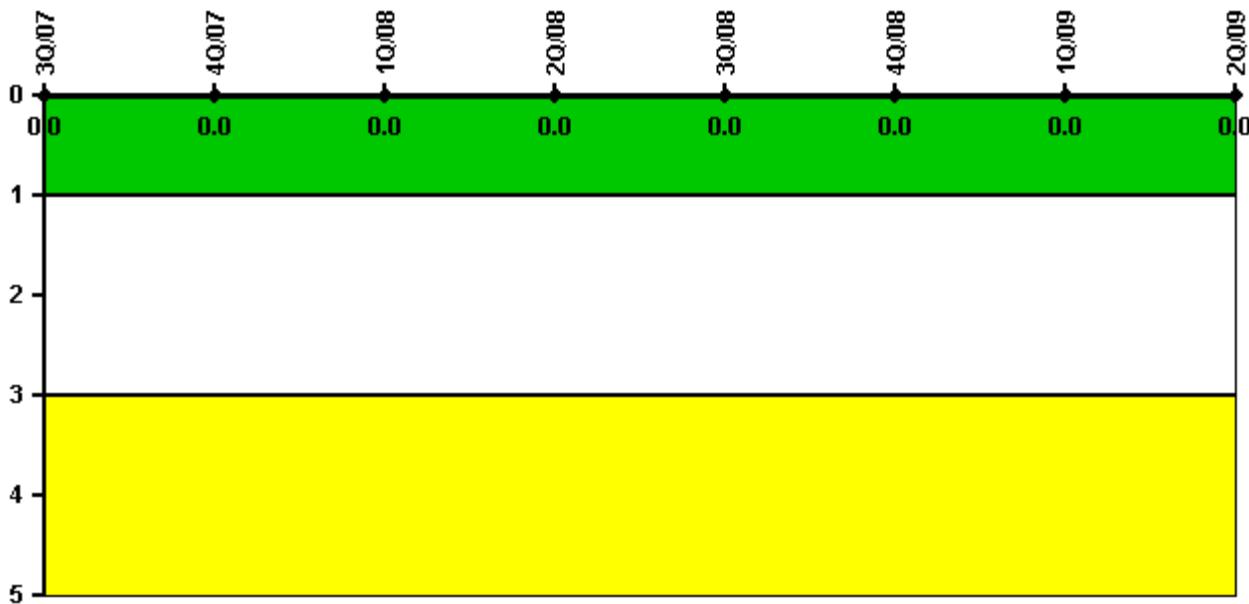
Thresholds: White > 2.0 Yellow > 5.0

### Notes

| Occupational Exposure Control Effectiveness | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| High radiation area occurrences             | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Very high radiation area occurrences        | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Unintended exposure occurrences             | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                             | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

## RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

### Notes

| RETS/ODCM Radiological Effluent | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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[Security](#) information not publicly available.

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[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

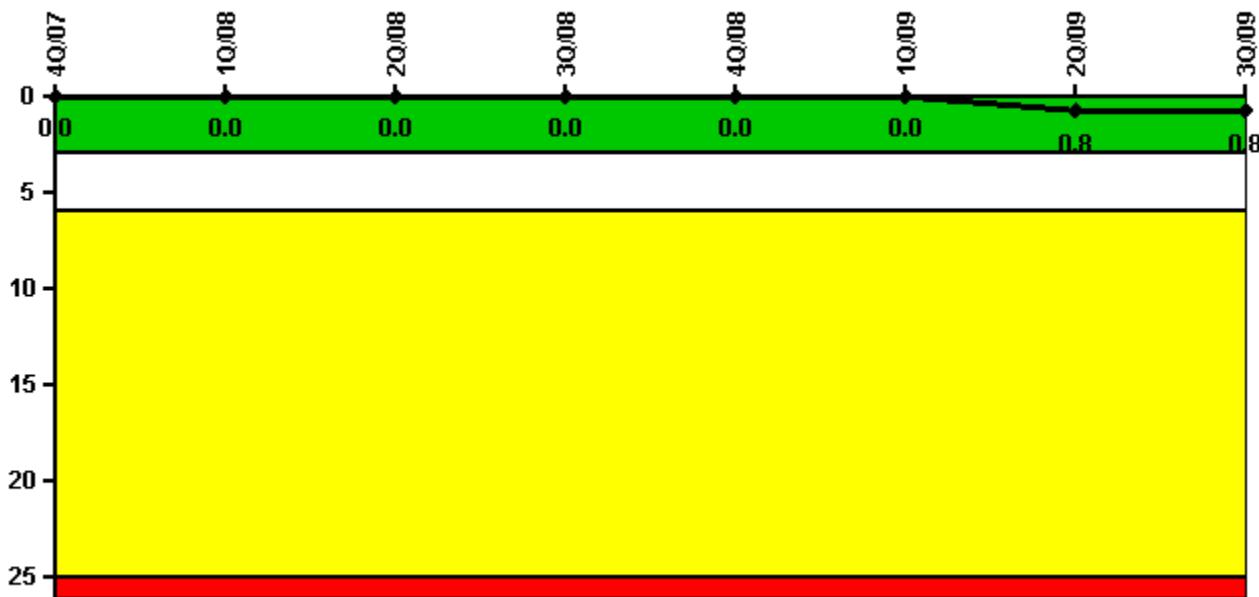
Last Modified: July 22, 2009

# La Salle 1

## 3Q/2009 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



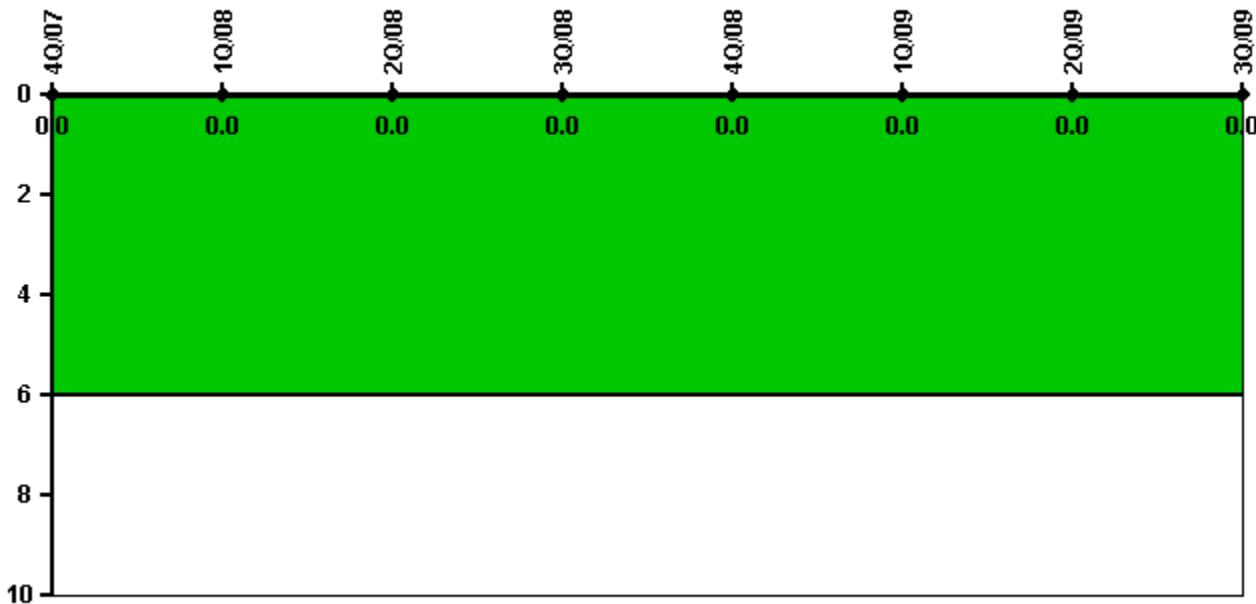
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

| Unplanned Scrams per 7000 Critical Hrs | 4Q/07  | 1Q/08  | 2Q/08  | 3Q/08  | 4Q/08  | 1Q/09  | 2Q/09  | 3Q/09  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 0      | 0      | 0      | 0      | 0      | 1.0    | 0      |
| Critical hours                         | 2209.0 | 1614.8 | 2184.0 | 2160.5 | 2198.5 | 2159.0 | 2142.3 | 2146.0 |
| Indicator value                        | 0      | 0      | 0      | 0      | 0      | 0      | 0.8    | 0.8    |

Licensee Comments: none

## Unplanned Power Changes per 7000 Critical Hrs



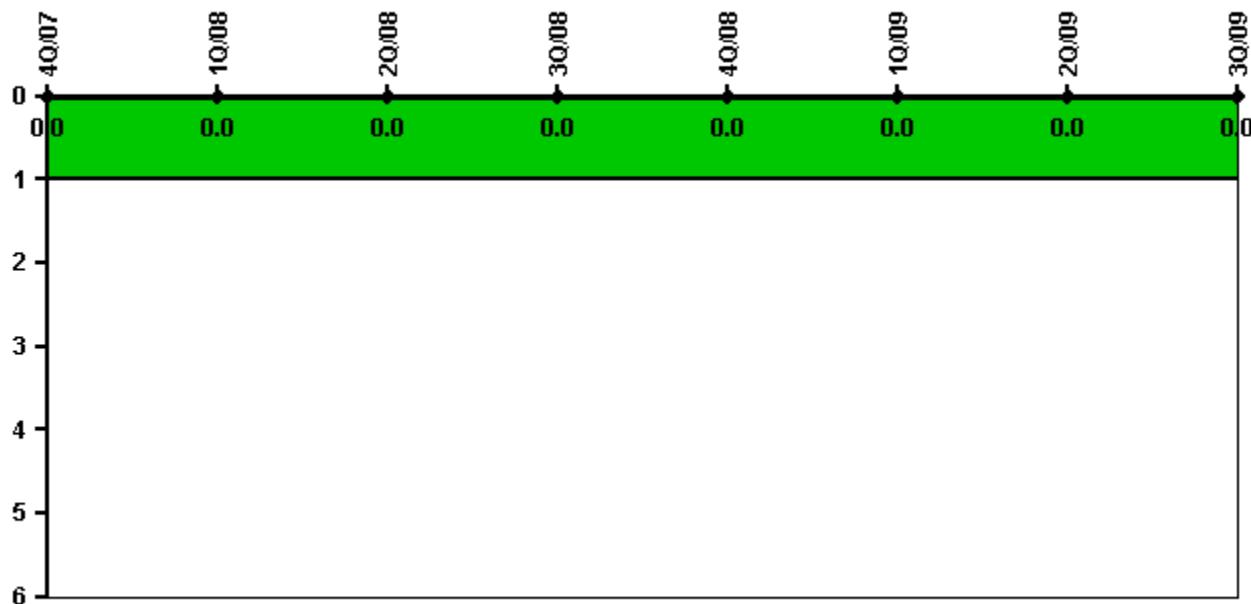
Thresholds: White > 6.0

### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 4Q/07    | 1Q/08    | 2Q/08    | 3Q/08    | 4Q/08    | 1Q/09    | 2Q/09    | 3Q/09    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Unplanned power changes                       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Critical hours                                | 2209.0   | 1614.8   | 2184.0   | 2160.5   | 2198.5   | 2159.0   | 2142.3   | 2146.0   |
| Indicator value                               | <b>0</b> |

Licensee Comments: none

## Unplanned Scrams with Complications



Thresholds: White > 1.0

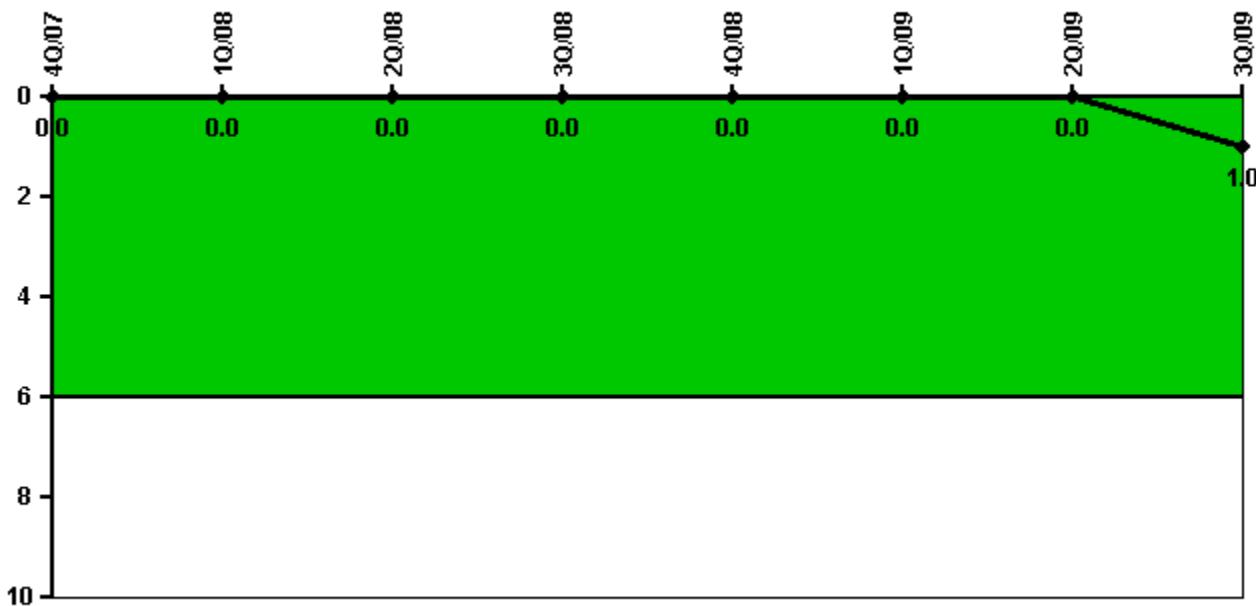
### Notes

| Unplanned Scrams with Complications | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 |
|-------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams with complications           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                     | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

Licensee Comments: none

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## Safety System Functional Failures (BWR)



Thresholds: White > 6.0

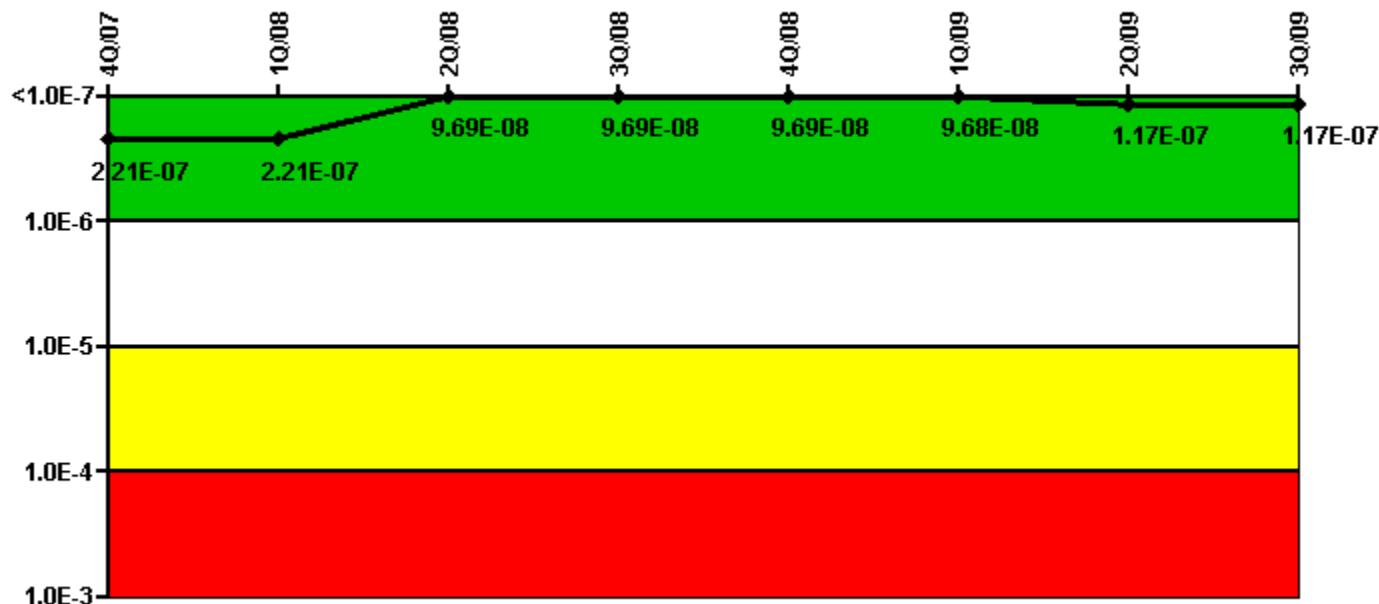
### Notes

| Safety System Functional Failures (BWR) | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures       | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| Indicator value                         | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |

Licensee Comments: none

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## Mitigating Systems Performance Index, Emergency AC Power System



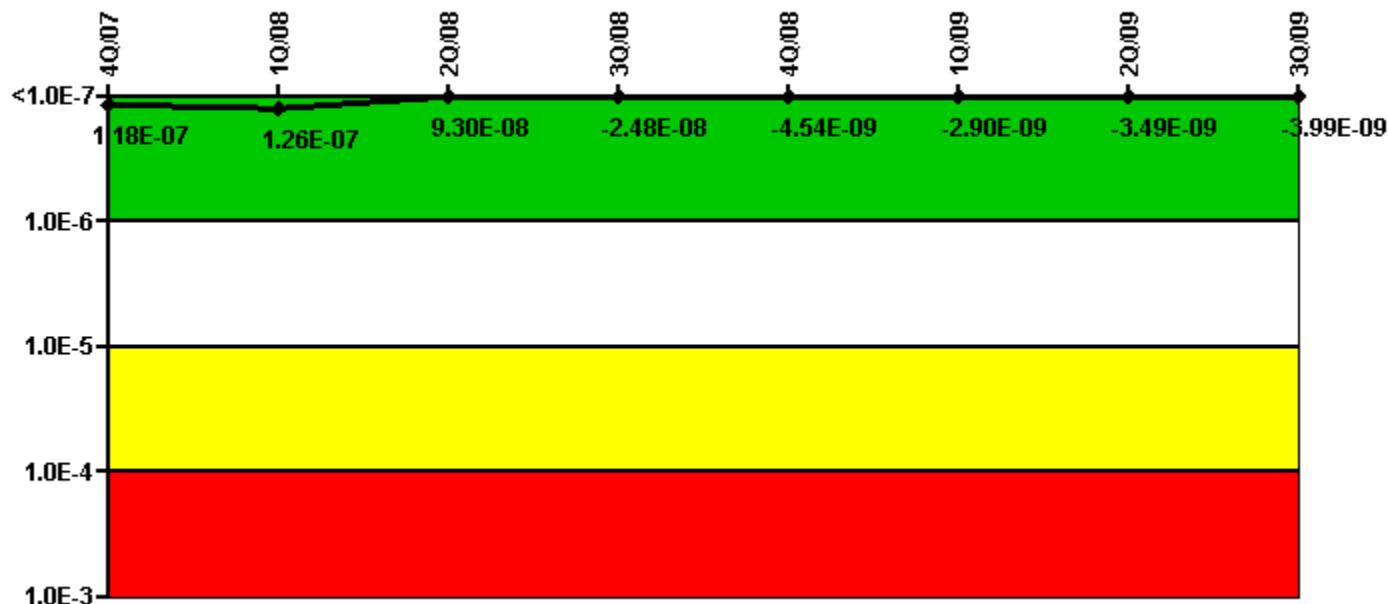
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 4Q/07           | 1Q/08           | 2Q/08           | 3Q/08           | 4Q/08           | 1Q/09           | 2Q/09           | 3Q/09           |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| UAI ( $\Delta$ CDF)   | -9.20E-09       | -9.10E-09       | -3.10E-09       | -3.10E-09       | -3.10E-09       | -3.20E-09       | -3.00E-09       | -3.00E-09       |
| URI ( $\Delta$ CDF)   | 2.30E-07        | 2.30E-07        | 1.00E-07        | 1.00E-07        | 1.00E-07        | 1.00E-07        | 1.20E-07        | 1.20E-07        |
| PLE   | NO              |
| <b>Indicator value</b>  | <b>2.21E-07</b> | <b>2.21E-07</b> | <b>9.69E-08</b> | <b>9.69E-08</b> | <b>9.69E-08</b> | <b>9.68E-08</b> | <b>1.17E-07</b> | <b>1.17E-07</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

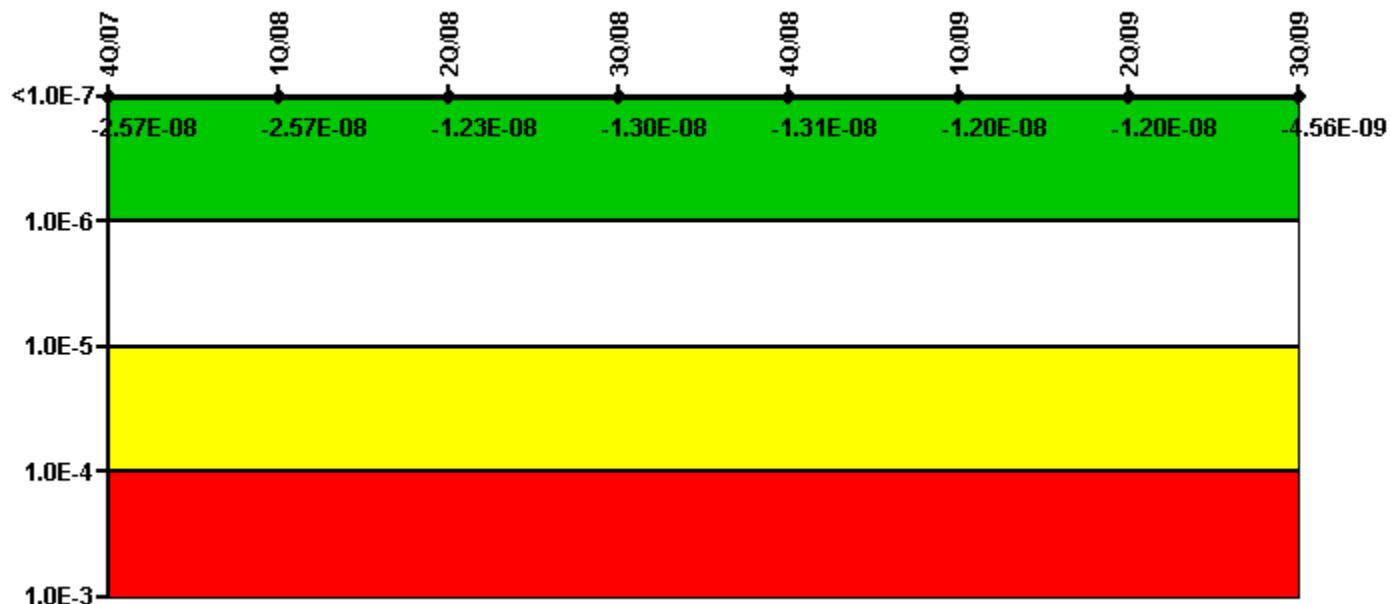
### Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 4Q/07           | 1Q/08           | 2Q/08           | 3Q/08            | 4Q/08            | 1Q/09            | 2Q/09            | 3Q/09            |
|--|-----------------|-----------------|-----------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)  | 6.60E-08        | 7.60E-08        | 3.50E-08        | -2.80E-09        | -6.40E-10        | -7.00E-10        | -6.90E-10        | -6.90E-10        |
| URI ( $\Delta$ CDF)  | 5.20E-08        | 5.00E-08        | 5.80E-08        | -2.20E-08        | -3.90E-09        | -2.20E-09        | -2.80E-09        | -3.30E-09        |
| PLE  | NO              | NO              | NO              | NO               | NO               | NO               | NO               | NO               |
| Indicator value  | <b>1.18E-07</b> | <b>1.26E-07</b> | <b>9.30E-08</b> | <b>-2.48E-08</b> | <b>-4.54E-09</b> | <b>-2.90E-09</b> | <b>-3.49E-09</b> | <b>-3.99E-09</b> |

### Licensee Comments:

3Q/09: An internal review identified an entry error in the September 2008 unplanned unavailability data for the Unit 1 HPCS Diesel Generator. One hour of unplanned unavailability was reported, although the correct number was zero. This error has been corrected with no change to the Performance Indicator color. The occurrence has been entered into the Station's corrective action program.

## Mitigating Systems Performance Index, Heat Removal System



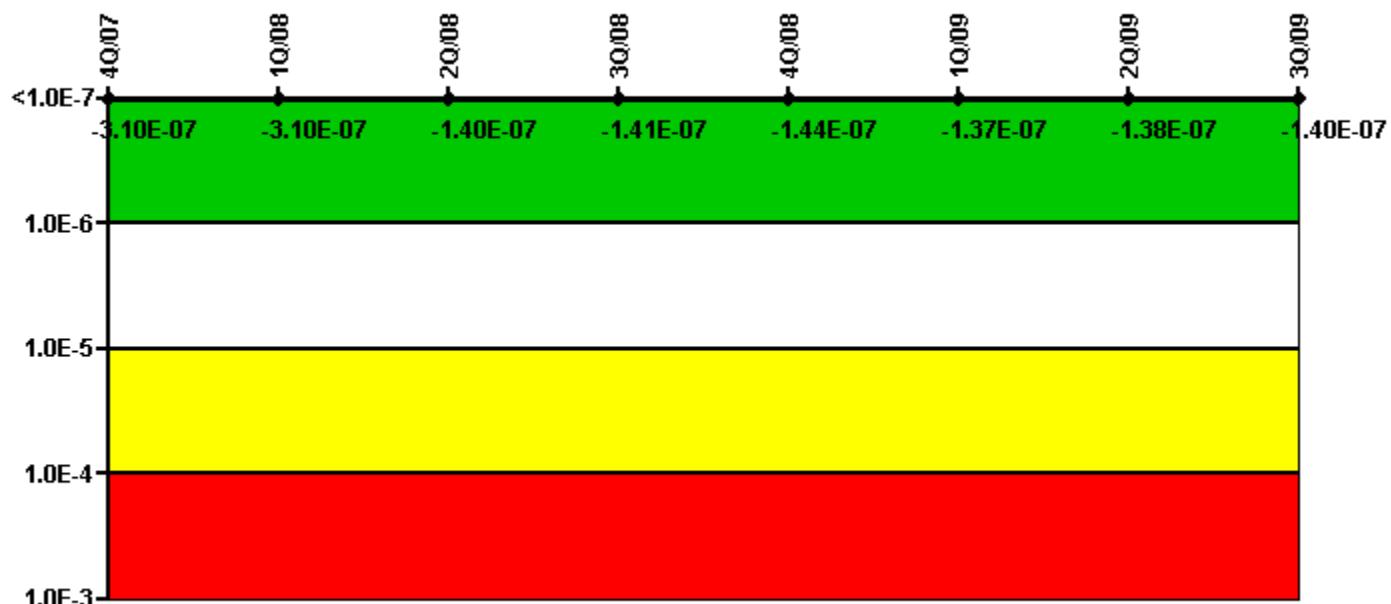
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Heat Removal System | 4Q/07            | 1Q/08            | 2Q/08            | 3Q/08            | 4Q/08            | 1Q/09            | 2Q/09            | 3Q/09            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)                                       | -9.70E-09        | -9.70E-09        | -4.70E-09        | -5.40E-09        | -5.40E-09        | -5.40E-09        | -5.40E-09        | -4.50E-09        |
| URI ( $\Delta$ CDF)                                       | -1.60E-08        | -1.60E-08        | -7.60E-09        | -7.60E-09        | -7.70E-09        | -6.60E-09        | -6.60E-09        | -5.60E-11        |
| PLE   | NO               |
| Indicator value   | <b>-2.57E-08</b> | <b>-2.57E-08</b> | <b>-1.23E-08</b> | <b>-1.30E-08</b> | <b>-1.31E-08</b> | <b>-1.20E-08</b> | <b>-1.20E-08</b> | <b>-4.56E-09</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, Residual Heat Removal System



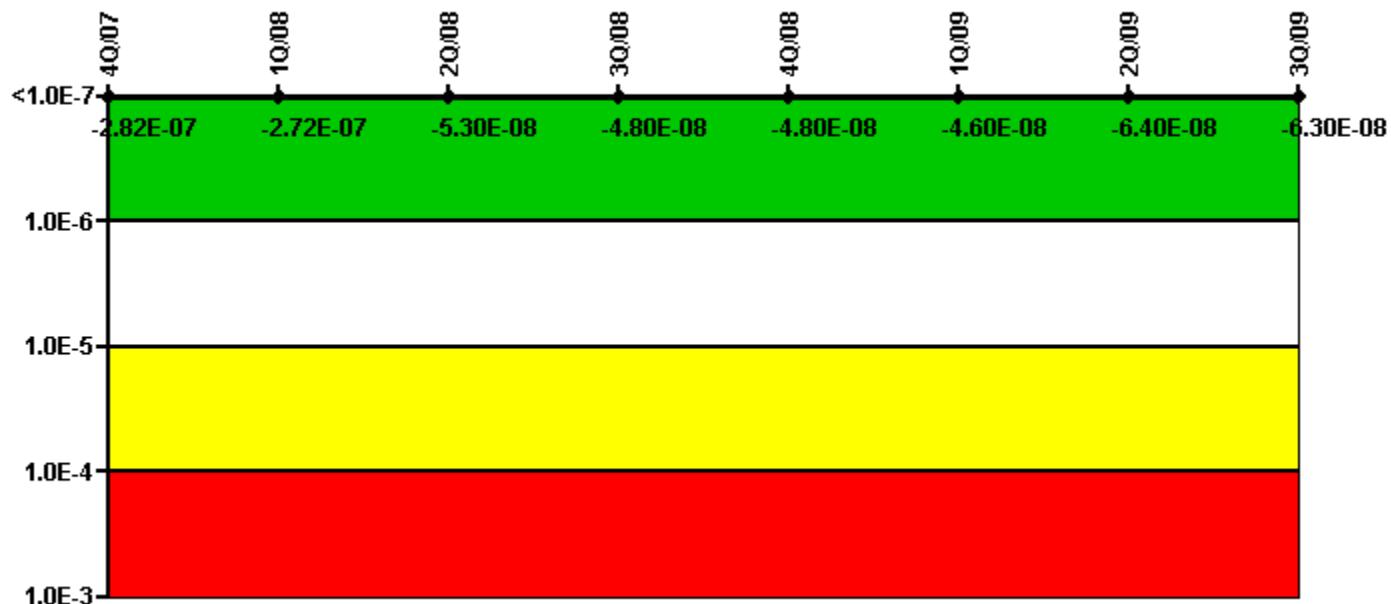
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 4Q/07            | 1Q/08            | 2Q/08            | 3Q/08            | 4Q/08            | 1Q/09            | 2Q/09            | 3Q/09            |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)  | -1.30E-07        | -1.30E-07        | -5.70E-08        | -5.60E-08        | -5.80E-08        | -5.80E-08        | -5.80E-08        | -5.80E-08        |
| URI ( $\Delta$ CDF)  | -1.80E-07        | -1.80E-07        | -8.30E-08        | -8.50E-08        | -8.60E-08        | -7.90E-08        | -8.00E-08        | -8.20E-08        |
| PLE  | NO               |
| Indicator value  | <b>-3.10E-07</b> | <b>-3.10E-07</b> | <b>-1.40E-07</b> | <b>-1.41E-07</b> | <b>-1.44E-07</b> | <b>-1.37E-07</b> | <b>-1.38E-07</b> | <b>-1.40E-07</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, Cooling Water Systems



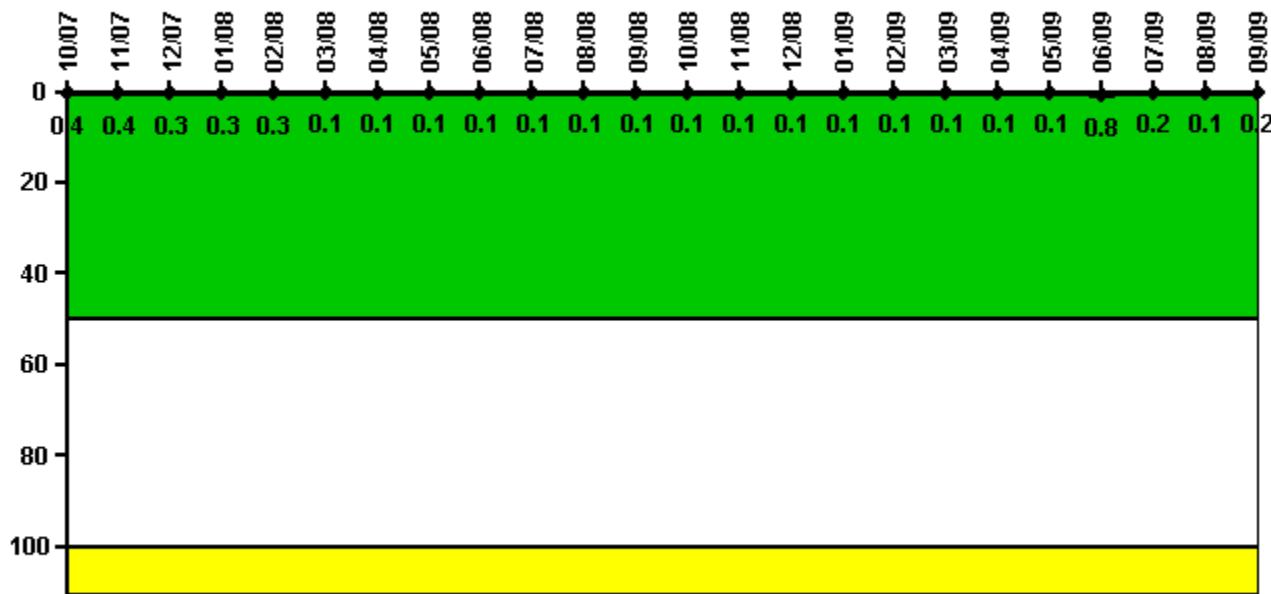
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 4Q/07            | 1Q/08            | 2Q/08            | 3Q/08            | 4Q/08            | 1Q/09            | 2Q/09            | 3Q/09            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)   | -1.70E-09        | -1.70E-09        | 5.70E-08         | 6.20E-08         | 6.20E-08         | 6.40E-08         | 4.60E-08         | 4.70E-08         |
| URI ( $\Delta$ CDF)   | -2.80E-07        | -2.70E-07        | -1.10E-07        | -1.10E-07        | -1.10E-07        | -1.10E-07        | -1.10E-07        | -1.10E-07        |
| PLE   | NO               |
| Indicator value   | <b>-2.82E-07</b> | <b>-2.72E-07</b> | <b>-5.30E-08</b> | <b>-4.80E-08</b> | <b>-4.80E-08</b> | <b>-4.60E-08</b> | <b>-6.40E-08</b> | <b>-6.30E-08</b> |

Licensee Comments: none

## Reactor Coolant System Activity



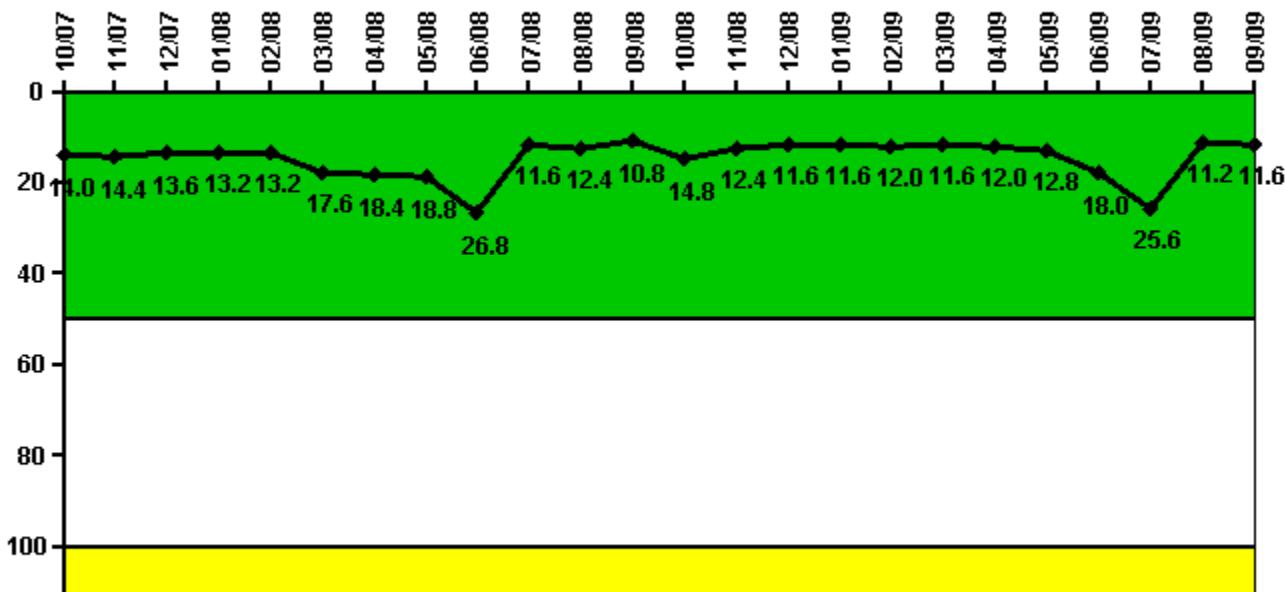
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Activity | 10/07    | 11/07    | 12/07    | 1/08     | 2/08     | 3/08     | 4/08     | 5/08     | 6/08     | 7/08     | 8/08     | 9/08     |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity                | 0.000769 | 0.000771 | 0.000574 | 0.000650 | 0.000605 | 0.000237 | 0.000270 | 0.000267 | 0.000260 | 0.000253 | 0.000257 | 0.000280 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0.4      | 0.4      | 0.3      | 0.3      | 0.3      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      |
| Reactor Coolant System Activity | 10/08    | 11/08    | 12/08    | 1/09     | 2/09     | 3/09     | 4/09     | 5/09     | 6/09     | 7/09     | 8/09     | 9/09     |
| Maximum activity                | 0.000214 | 0.000219 | 0.000231 | 0.000218 | 0.000259 | 0.000213 | 0.000199 | 0.000200 | 0.001510 | 0.000446 | 0.000257 | 0.000426 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.8      | 0.2      | 0.1      | 0.2      |

Licensee Comments: none

## Reactor Coolant System Leakage



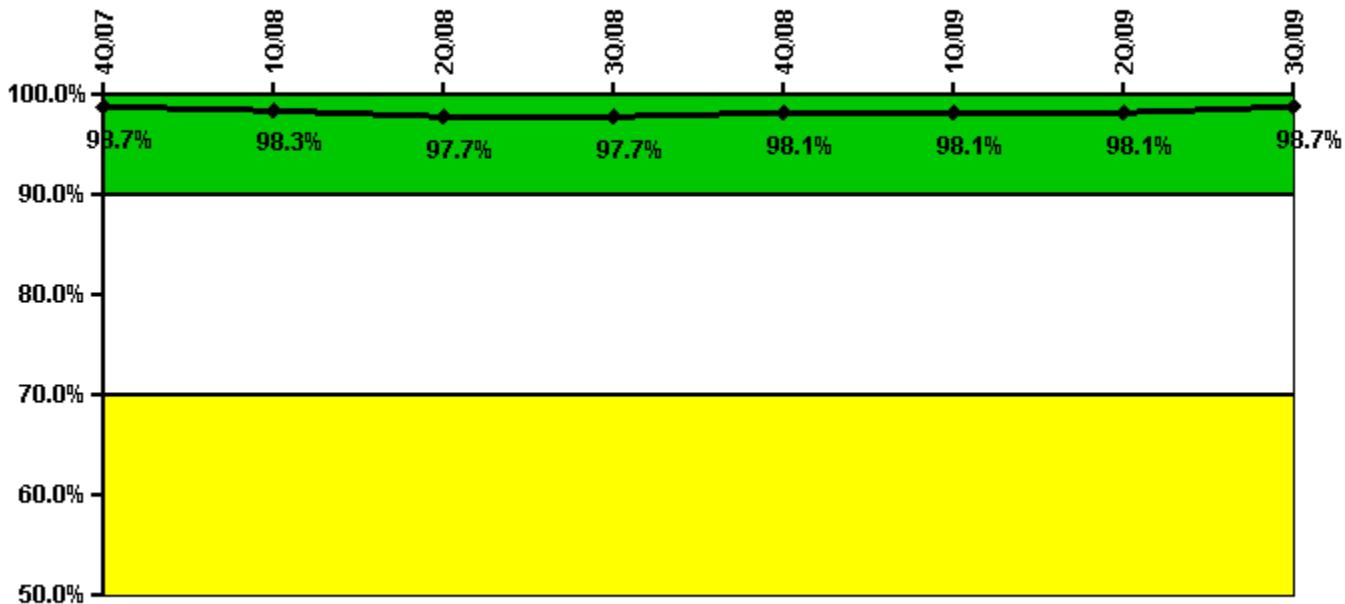
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Leakage | 10/07       | 11/07       | 12/07       | 1/08        | 2/08        | 3/08        | 4/08        | 5/08        | 6/08        | 7/08        | 8/08        | 9/08        |
|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Maximum leakage                | 3.500       | 3.600       | 3.400       | 3.300       | 3.300       | 4.400       | 4.600       | 4.700       | 6.700       | 2.900       | 3.100       | 2.700       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| <b>Indicator value</b>         | <b>14.0</b> | <b>14.4</b> | <b>13.6</b> | <b>13.2</b> | <b>13.2</b> | <b>17.6</b> | <b>18.4</b> | <b>18.8</b> | <b>26.8</b> | <b>11.6</b> | <b>12.4</b> | <b>10.8</b> |
| Reactor Coolant System Leakage | 10/08       | 11/08       | 12/08       | 1/09        | 2/09        | 3/09        | 4/09        | 5/09        | 6/09        | 7/09        | 8/09        | 9/09        |
| Maximum leakage                | 3.700       | 3.100       | 2.900       | 2.900       | 3.000       | 2.900       | 3.000       | 3.200       | 4.500       | 6.400       | 2.800       | 2.900       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| <b>Indicator value</b>         | <b>14.8</b> | <b>12.4</b> | <b>11.6</b> | <b>11.6</b> | <b>12.0</b> | <b>11.6</b> | <b>12.0</b> | <b>12.8</b> | <b>18.0</b> | <b>25.6</b> | <b>11.2</b> | <b>11.6</b> |

Licensee Comments: none

## Drill/Exercise Performance



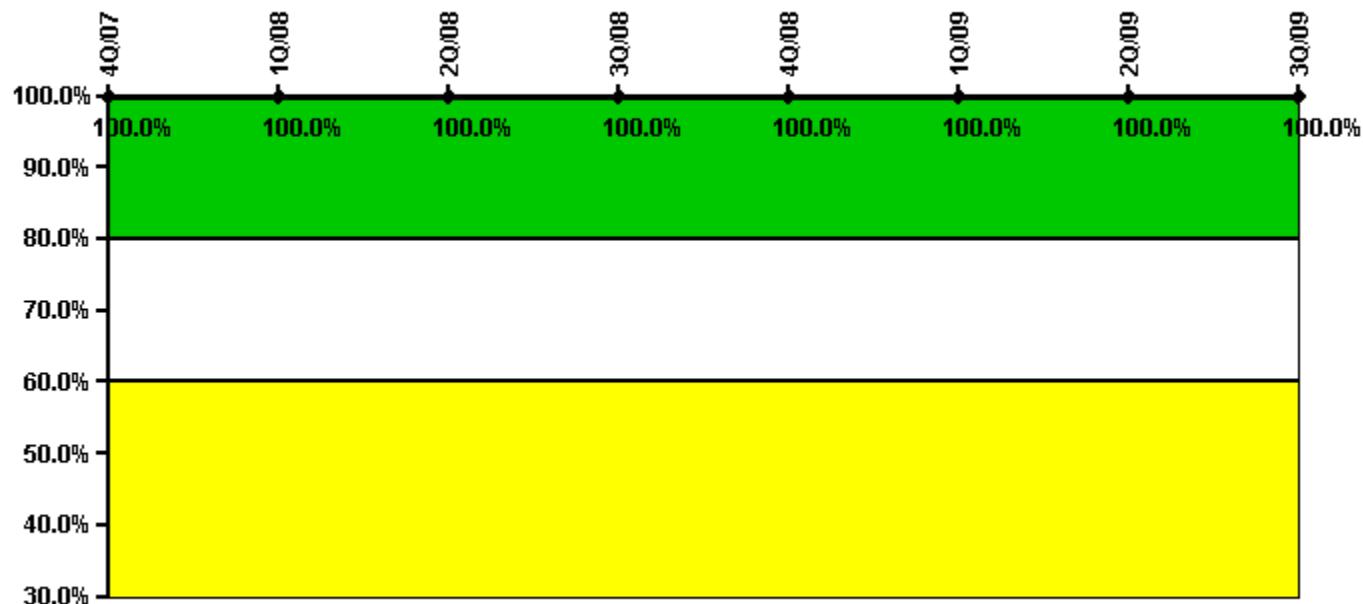
Thresholds: White < 90.0% Yellow < 70.0%

### Notes

| Drill/Exercise Performance | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities   | 50.0  | 7.0   | 49.0  | 36.0  | 50.0  | 20.0  | 44.0  | 48.0  |
| Total opportunities        | 50.0  | 8.0   | 52.0  | 36.0  | 50.0  | 20.0  | 44.0  | 48.0  |
| Indicator value            | 98.7% | 98.3% | 97.7% | 97.7% | 98.1% | 98.1% | 98.1% | 98.7% |

Licensee Comments: none

## ERO Drill Participation



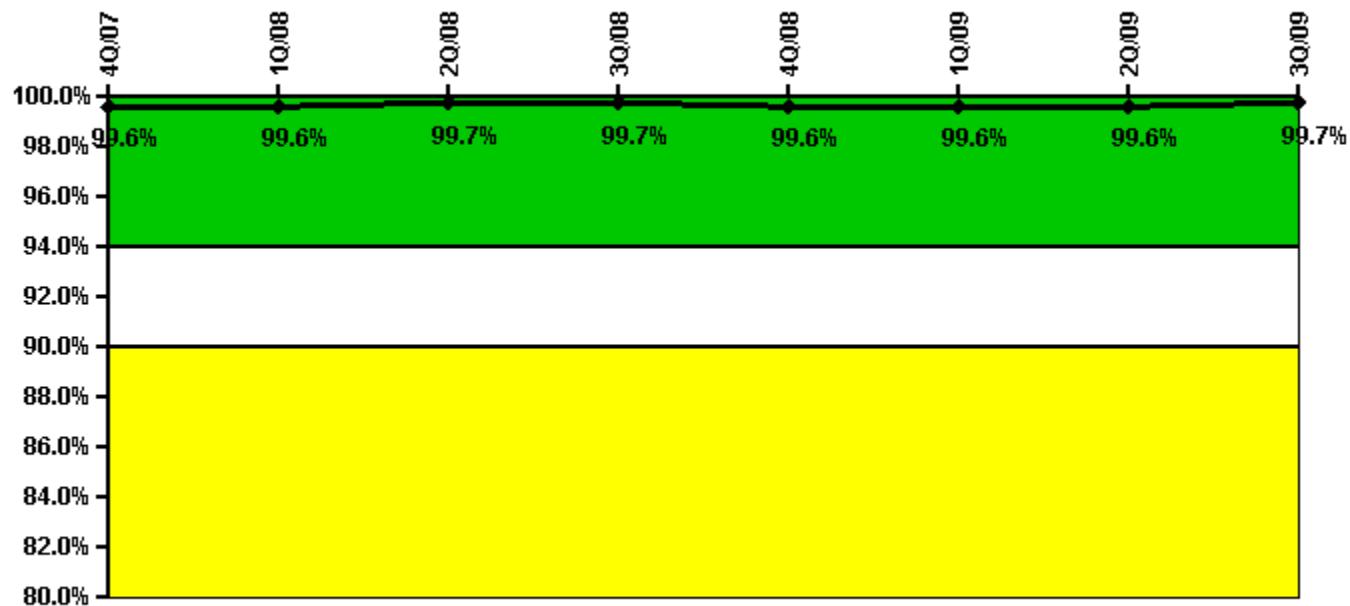
Thresholds: White < 80.0% Yellow < 60.0%

### Notes

| ERO Drill Participation     | 4Q/07  | 1Q/08  | 2Q/08  | 3Q/08  | 4Q/08  | 1Q/09  | 2Q/09  | 3Q/09  |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| Participating Key personnel | 65.0   | 64.0   | 67.0   | 67.0   | 68.0   | 65.0   | 66.0   | 68.0   |
| Total Key personnel         | 65.0   | 64.0   | 67.0   | 67.0   | 68.0   | 65.0   | 66.0   | 68.0   |
| Indicator value             | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

## Alert & Notification System



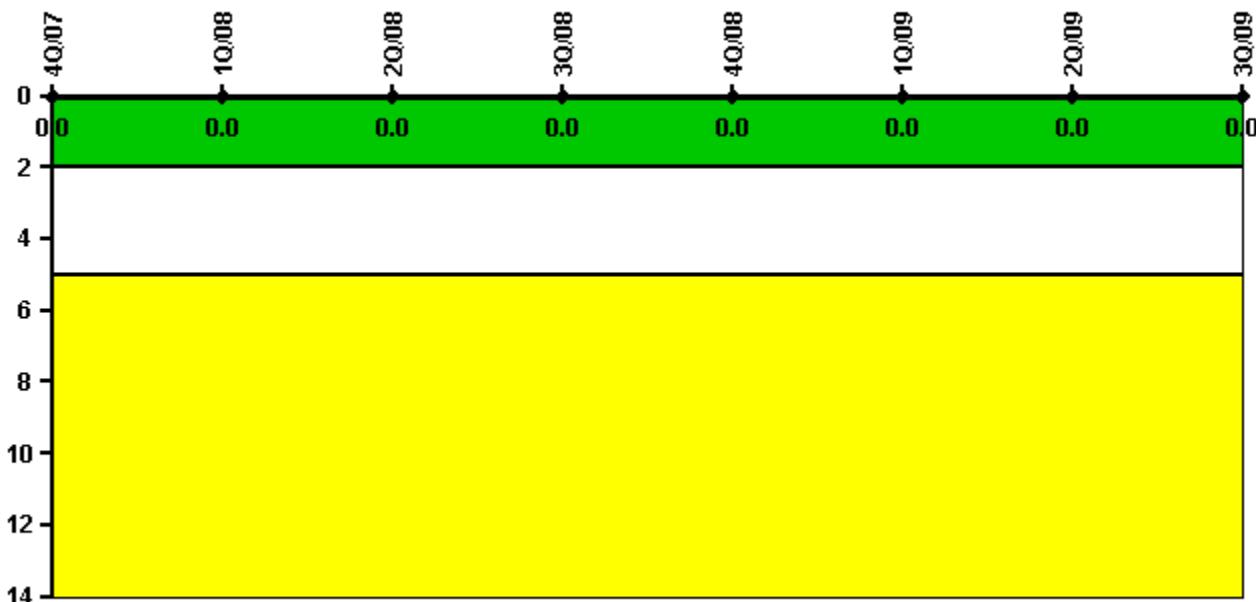
Thresholds: White < 94.0% Yellow < 90.0%

### Notes

| Alert & Notification System | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests      | 3191  | 3191  | 3196  | 3235  | 3169  | 3144  | 3199  | 3246  |
| Total sirens-tests          | 3200  | 3200  | 3200  | 3246  | 3200  | 3150  | 3200  | 3250  |
| Indicator value             | 99.6% | 99.6% | 99.7% | 99.7% | 99.6% | 99.6% | 99.6% | 99.7% |

Licensee Comments: none

## Occupational Exposure Control Effectiveness



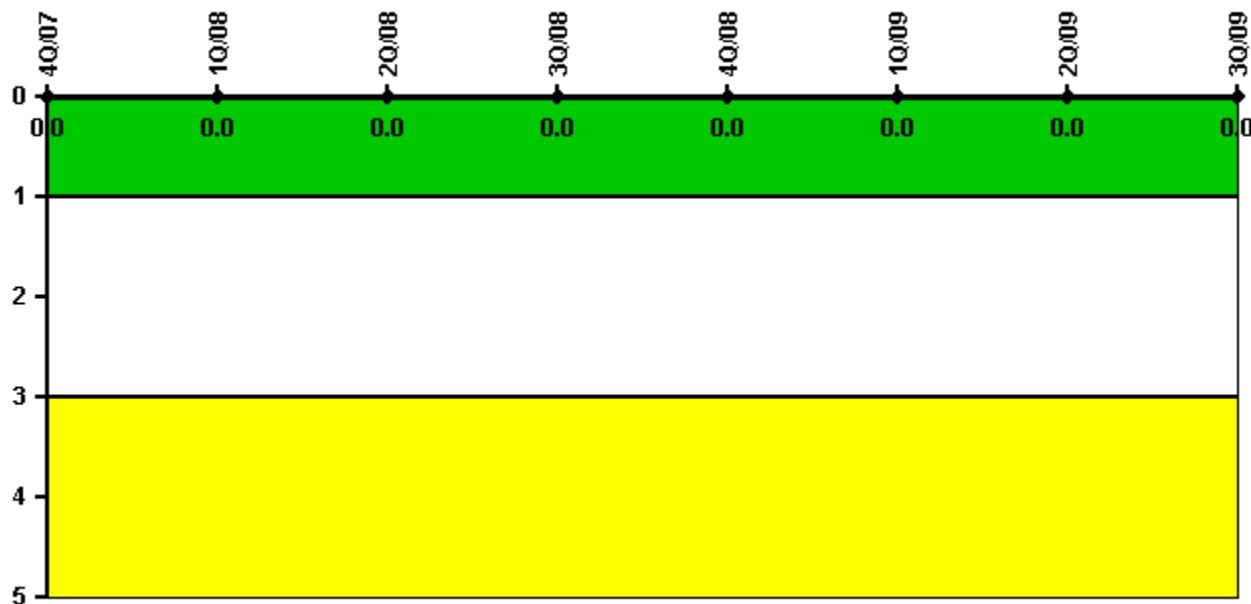
Thresholds: White > 2.0 Yellow > 5.0

### Notes

| Occupational Exposure Control Effectiveness | 4Q/07    | 1Q/08    | 2Q/08    | 3Q/08    | 4Q/08    | 1Q/09    | 2Q/09    | 3Q/09    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>0</b> |

Licensee Comments: none

## RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

### Notes

| RETS/ODCM Radiological Effluent | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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Security information not publicly available.

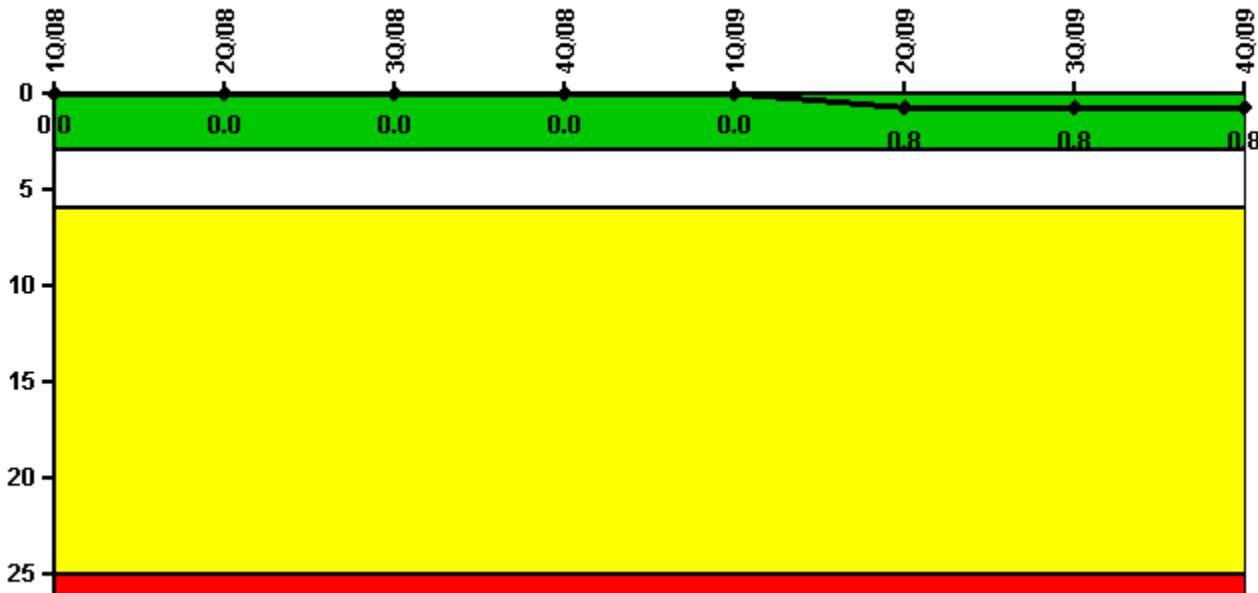
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# La Salle 1

## 4Q/2009 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



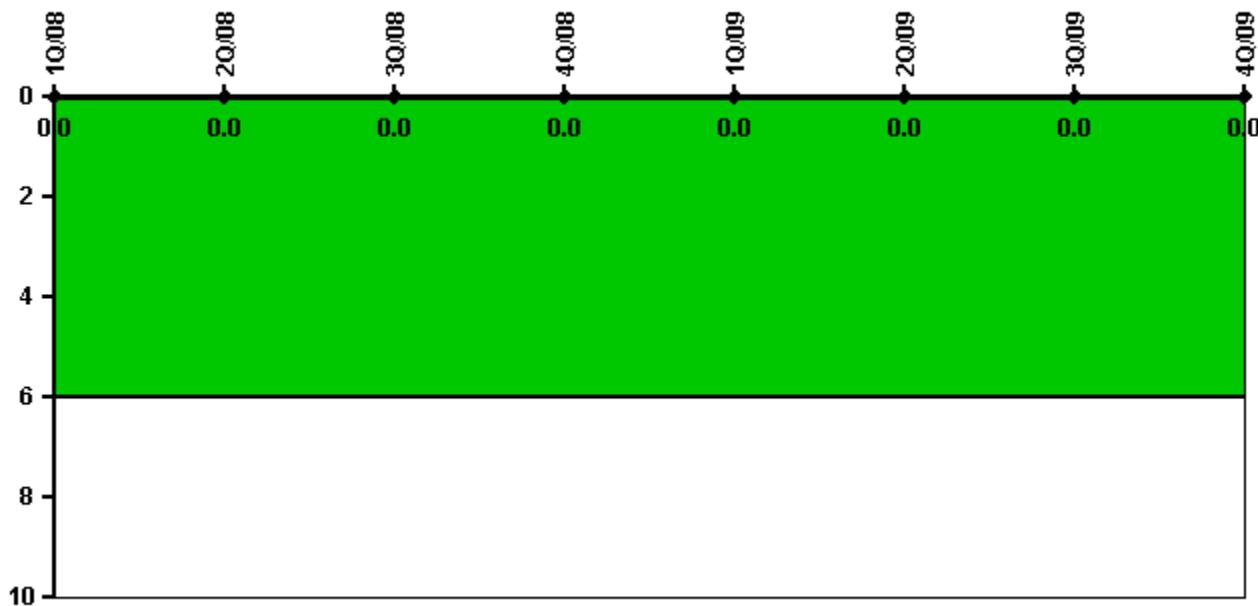
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

| Unplanned Scrams per 7000 Critical Hrs | 1Q/08  | 2Q/08  | 3Q/08  | 4Q/08  | 1Q/09  | 2Q/09  | 3Q/09  | 4Q/09  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 0      | 0      | 0      | 0      | 1.0    | 0      | 0      |
| Critical hours                         | 1614.8 | 2184.0 | 2160.5 | 2198.5 | 2159.0 | 2142.3 | 2146.0 | 2209.0 |
| Indicator value                        | 0      | 0      | 0      | 0      | 0      | 0.8    | 0.8    | 0.8    |

Licensee Comments: none

## Unplanned Power Changes per 7000 Critical Hrs



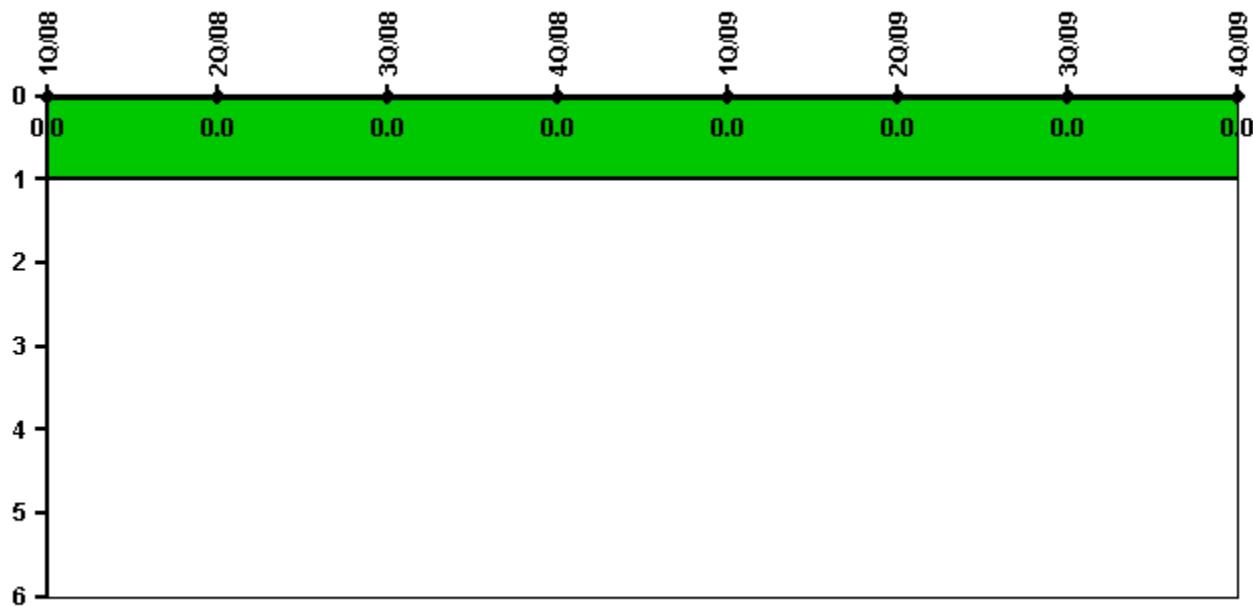
Thresholds: White > 6.0

### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 1Q/08    | 2Q/08    | 3Q/08    | 4Q/08    | 1Q/09    | 2Q/09    | 3Q/09    | 4Q/09    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Unplanned power changes                       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Critical hours                                | 1614.8   | 2184.0   | 2160.5   | 2198.5   | 2159.0   | 2142.3   | 2146.0   | 2209.0   |
| Indicator value                               | <b>0</b> |

Licensee Comments: none

## Unplanned Scrams with Complications



Thresholds: White > 1.0

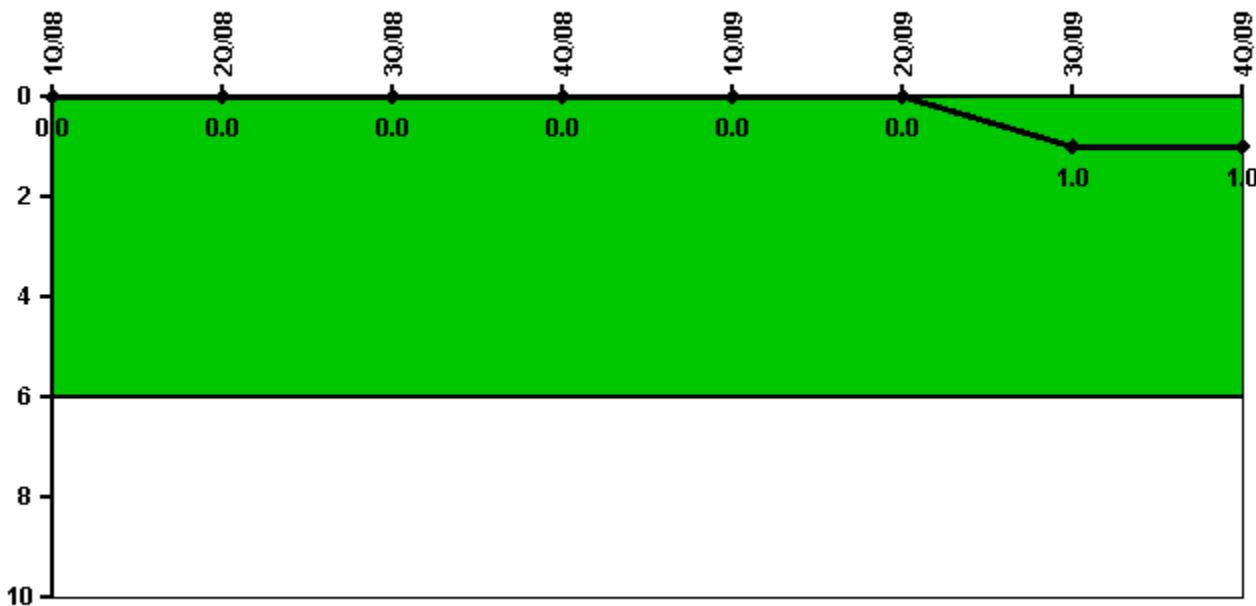
### Notes

| Unplanned Scrams with Complications | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 |
|-------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams with complications           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
|                                     |       |       |       |       |       |       |       |       |
|                                     |       |       |       |       |       |       |       |       |
| Indicator value                     | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

Licensee Comments: none

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## Safety System Functional Failures (BWR)



Thresholds: White > 6.0

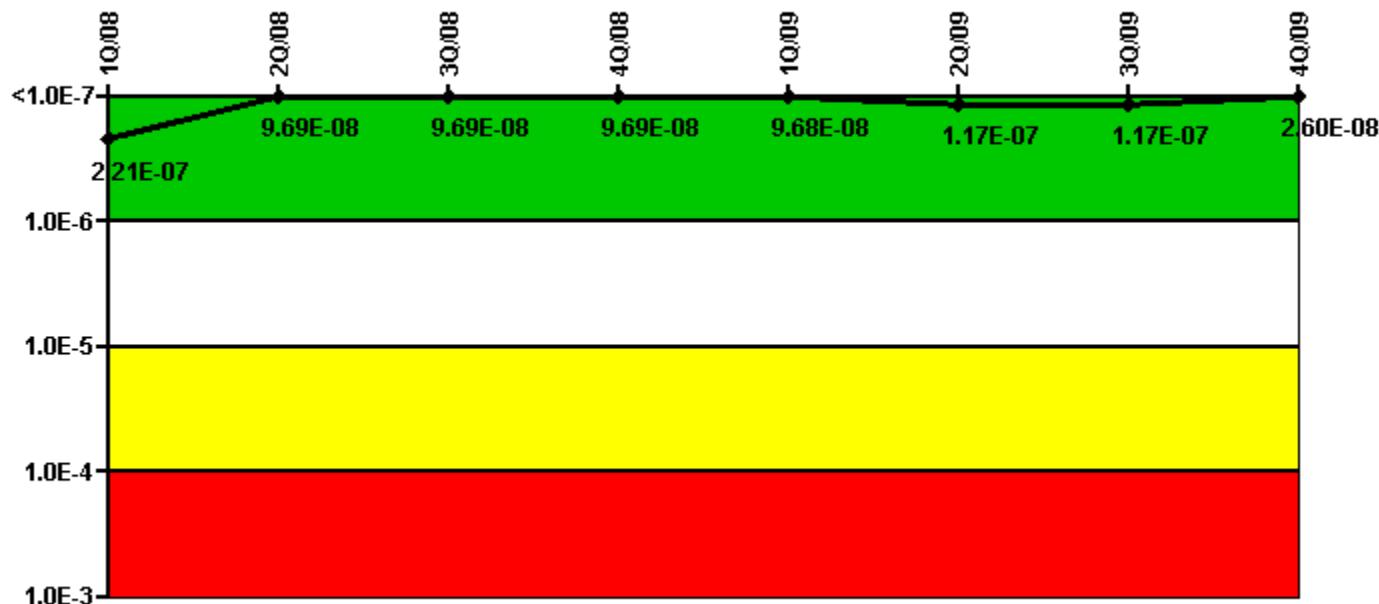
### Notes

| Safety System Functional Failures (BWR) | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures       | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     |
|   |       |       |       |       |       |       |       |       |
| Indicator value                         | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     |

Licensee Comments: none

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## Mitigating Systems Performance Index, Emergency AC Power System



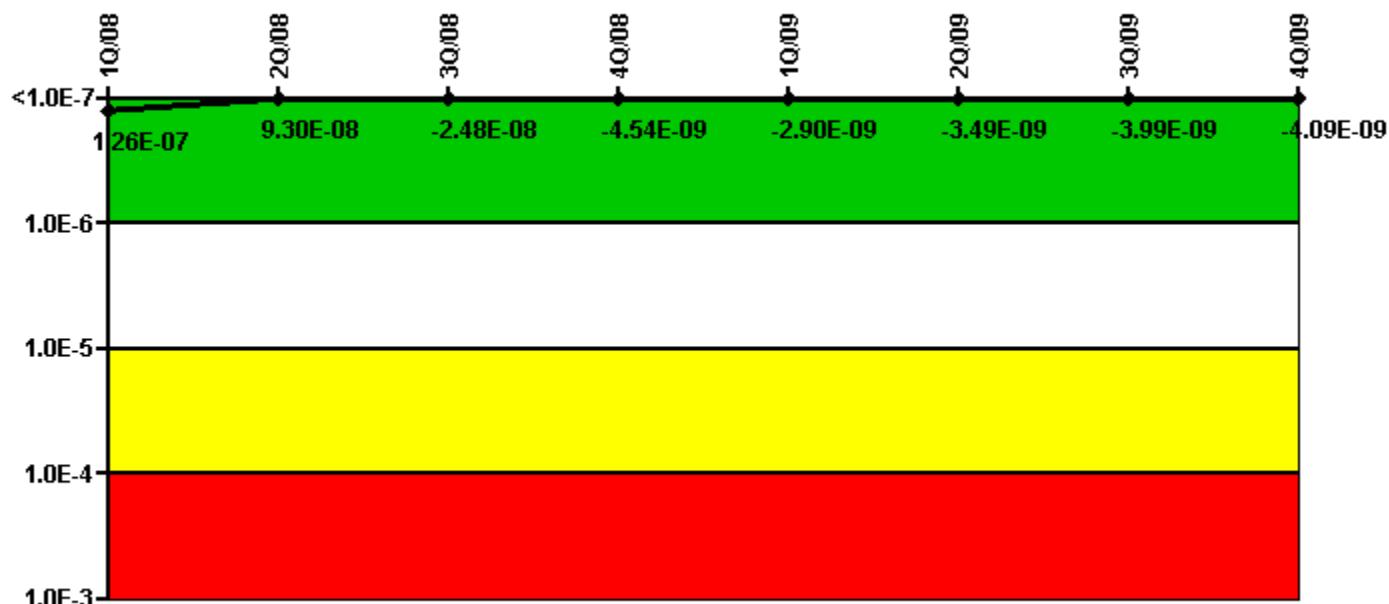
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 1Q/08           | 2Q/08           | 3Q/08           | 4Q/08           | 1Q/09           | 2Q/09           | 3Q/09           | 4Q/09           |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| UAI ( $\Delta$ CDF)   | -9.10E-09       | -3.10E-09       | -3.10E-09       | -3.10E-09       | -3.20E-09       | -3.00E-09       | -3.00E-09       | -3.00E-09       |
| URI ( $\Delta$ CDF)   | 2.30E-07        | 1.00E-07        | 1.00E-07        | 1.00E-07        | 1.00E-07        | 1.20E-07        | 1.20E-07        | 2.90E-08        |
| PLE   | NO              |
| <b>Indicator value</b>  | <b>2.21E-07</b> | <b>9.69E-08</b> | <b>9.69E-08</b> | <b>9.69E-08</b> | <b>9.68E-08</b> | <b>1.17E-07</b> | <b>1.17E-07</b> | <b>2.60E-08</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, High Pressure Injection System



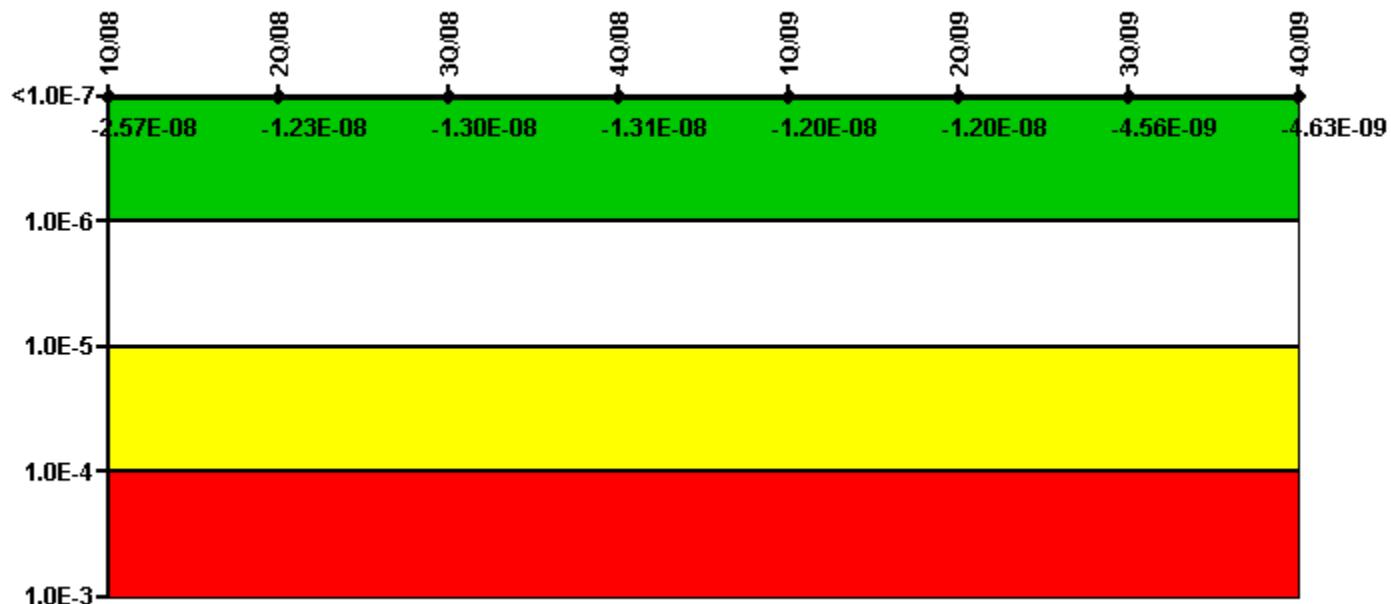
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 1Q/08    | 2Q/08    | 3Q/08     | 4Q/08     | 1Q/09     | 2Q/09     | 3Q/09     | 4Q/09     |
|--|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI ( $\Delta$ CDF)  | 7.60E-08 | 3.50E-08 | -2.80E-09 | -6.40E-10 | -7.00E-10 | -6.90E-10 | -6.90E-10 | -6.90E-10 |
| URI ( $\Delta$ CDF)  | 5.00E-08 | 5.80E-08 | -2.20E-08 | -3.90E-09 | -2.20E-09 | -2.80E-09 | -3.30E-09 | -3.40E-09 |
| PLE  | NO       | NO       | NO        | NO        | NO        | NO        | NO        | NO        |
| Indicator value  | 1.26E-07 | 9.30E-08 | -2.48E-08 | -4.54E-09 | -2.90E-09 | -3.49E-09 | -3.99E-09 | -4.09E-09 |

Licensee Comments: none

## Mitigating Systems Performance Index, Heat Removal System



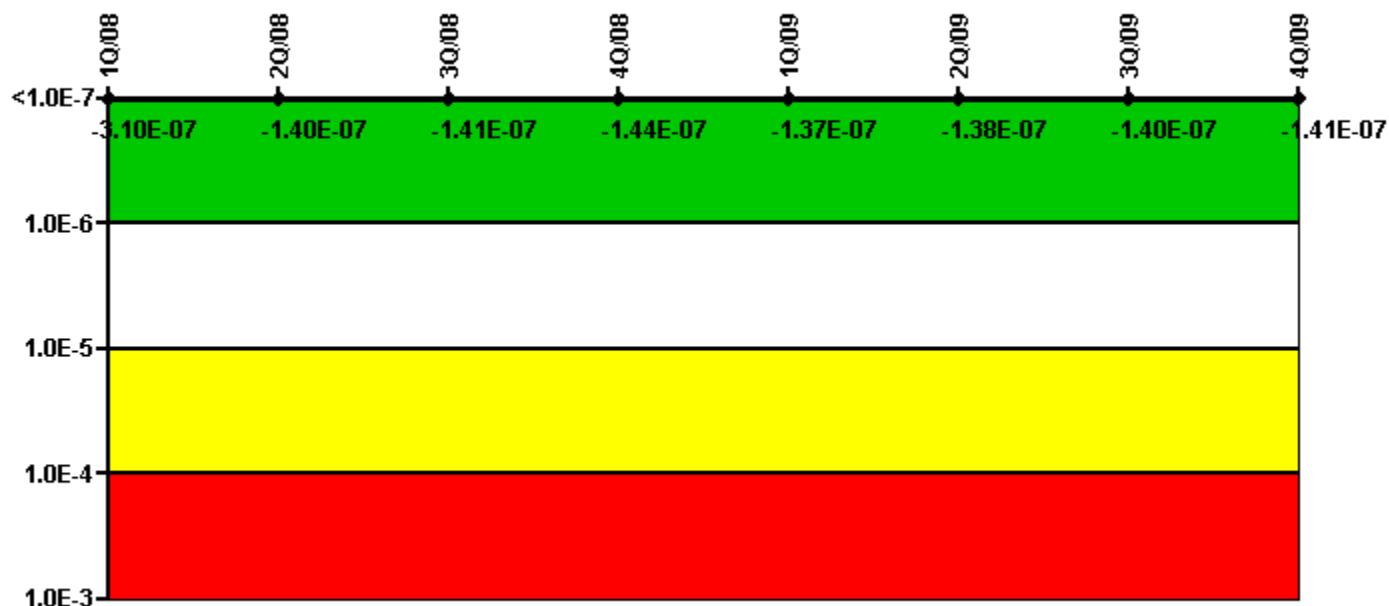
Thresholds: White >  $1.00\text{E-}6$  Yellow >  $1.00\text{E-}5$  Red >  $1.00\text{E-}4$

### Notes

| Mitigating Systems Performance Index, Heat Removal System | 1Q/08            | 2Q/08            | 3Q/08            | 4Q/08            | 1Q/09            | 2Q/09            | 3Q/09            | 4Q/09            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta\text{CDF}$ )                                | -9.70E-09        | -4.70E-09        | -5.40E-09        | -5.40E-09        | -5.40E-09        | -5.40E-09        | -4.50E-09        | -4.50E-09        |
| URI ( $\Delta\text{CDF}$ )                                | -1.60E-08        | -7.60E-09        | -7.60E-09        | -7.70E-09        | -6.60E-09        | -6.60E-09        | -5.60E-11        | -1.30E-10        |
| PLE   | NO               |
| Indicator value   | <b>-2.57E-08</b> | <b>-1.23E-08</b> | <b>-1.30E-08</b> | <b>-1.31E-08</b> | <b>-1.20E-08</b> | <b>-1.20E-08</b> | <b>-4.56E-09</b> | <b>-4.63E-09</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, Residual Heat Removal System



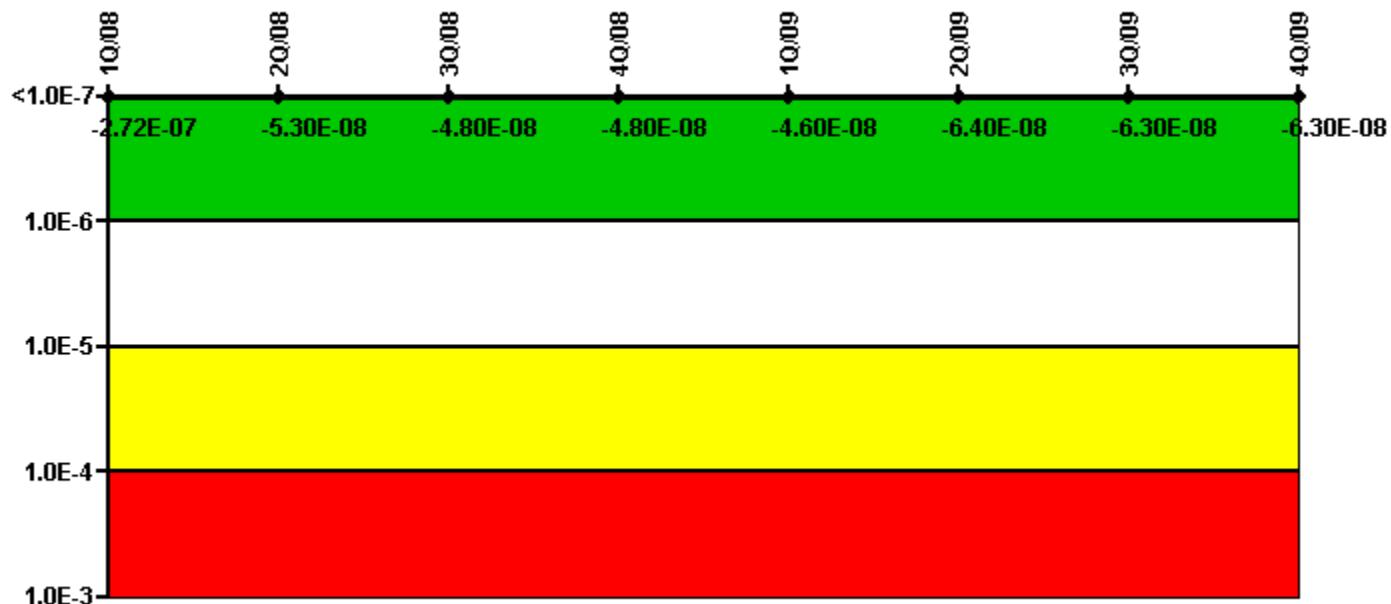
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 1Q/08            | 2Q/08            | 3Q/08            | 4Q/08            | 1Q/09            | 2Q/09            | 3Q/09            | 4Q/09            |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)  | -1.30E-07        | -5.70E-08        | -5.60E-08        | -5.80E-08        | -5.80E-08        | -5.80E-08        | -5.80E-08        | -5.80E-08        |
| URI ( $\Delta$ CDF)  | -1.80E-07        | -8.30E-08        | -8.50E-08        | -8.60E-08        | -7.90E-08        | -8.00E-08        | -8.20E-08        | -8.30E-08        |
| PLE  | NO               |
| Indicator value  | <b>-3.10E-07</b> | <b>-1.40E-07</b> | <b>-1.41E-07</b> | <b>-1.44E-07</b> | <b>-1.37E-07</b> | <b>-1.38E-07</b> | <b>-1.40E-07</b> | <b>-1.41E-07</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, Cooling Water Systems



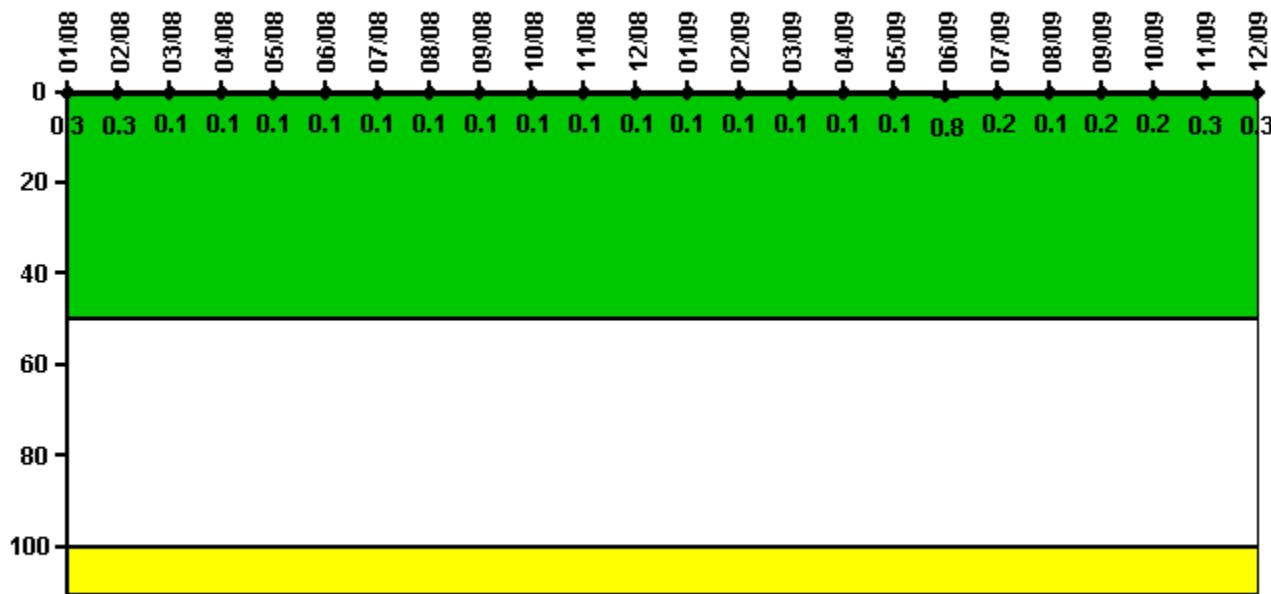
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 1Q/08            | 2Q/08            | 3Q/08            | 4Q/08            | 1Q/09            | 2Q/09            | 3Q/09            | 4Q/09            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)   | -1.70E-09        | 5.70E-08         | 6.20E-08         | 6.20E-08         | 6.40E-08         | 4.60E-08         | 4.70E-08         | 4.70E-08         |
| URI ( $\Delta$ CDF)   | -2.70E-07        | -1.10E-07        |
| PLE   | NO               |
| Indicator value   | <b>-2.72E-07</b> | <b>-5.30E-08</b> | <b>-4.80E-08</b> | <b>-4.80E-08</b> | <b>-4.60E-08</b> | <b>-6.40E-08</b> | <b>-6.30E-08</b> | <b>-6.30E-08</b> |

Licensee Comments: none

## Reactor Coolant System Activity



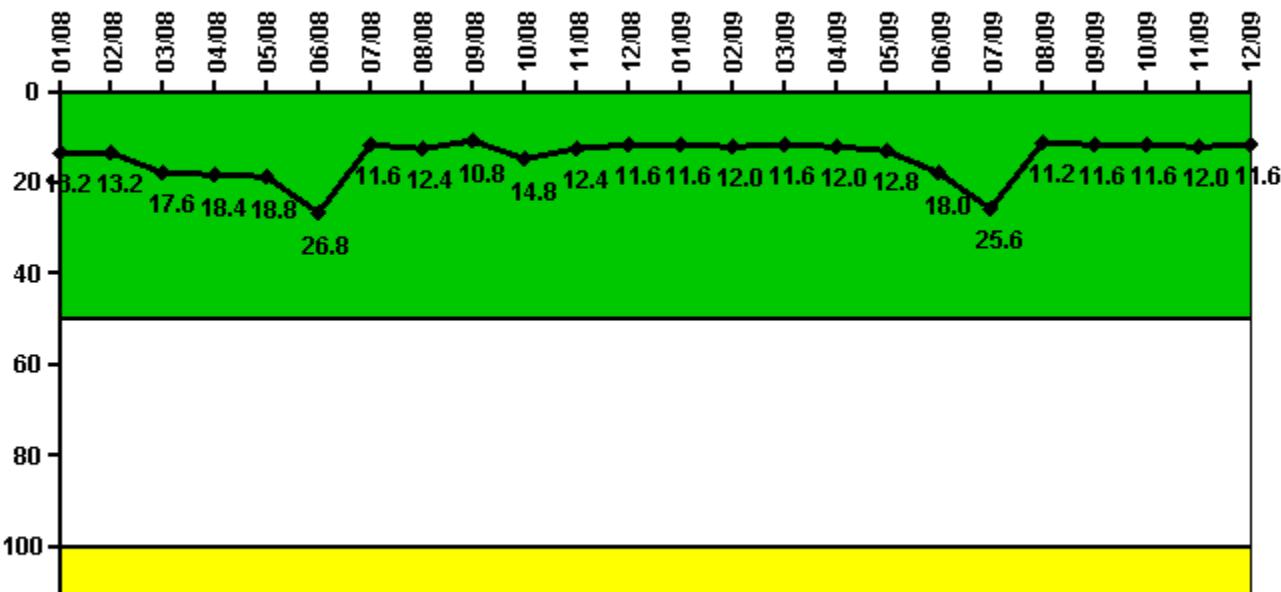
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Activity | 1/08     | 2/08     | 3/08     | 4/08     | 5/08     | 6/08     | 7/08     | 8/08     | 9/08     | 10/08    | 11/08    | 12/08    |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity                | 0.000650 | 0.000605 | 0.000237 | 0.000270 | 0.000267 | 0.000260 | 0.000253 | 0.000257 | 0.000280 | 0.000214 | 0.000219 | 0.000231 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0.3      | 0.3      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      |
| Reactor Coolant System Activity | 1/09     | 2/09     | 3/09     | 4/09     | 5/09     | 6/09     | 7/09     | 8/09     | 9/09     | 10/09    | 11/09    | 12/09    |
| Maximum activity                | 0.000218 | 0.000259 | 0.000213 | 0.000199 | 0.000200 | 0.001510 | 0.000446 | 0.000257 | 0.000426 | 0.000451 | 0.000584 | 0.000669 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.8      | 0.2      | 0.1      | 0.2      | 0.2      | 0.3      | 0.3      |

Licensee Comments: none

## Reactor Coolant System Leakage



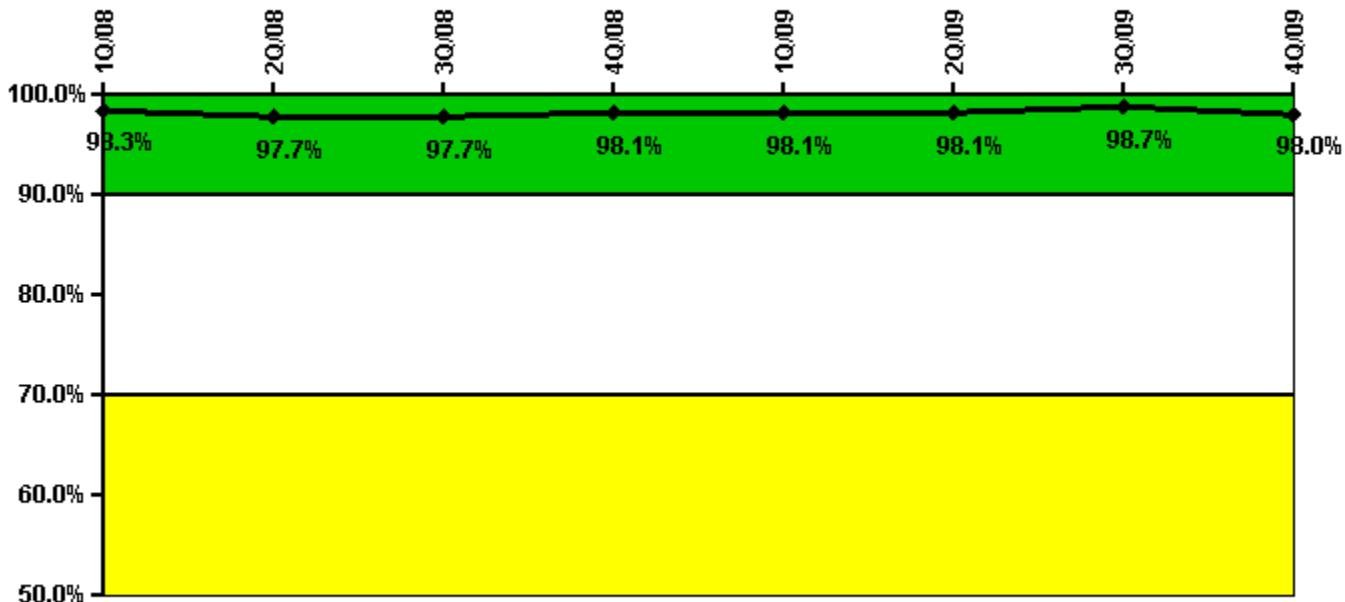
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Leakage | 1/08        | 2/08        | 3/08        | 4/08        | 5/08        | 6/08        | 7/08        | 8/08        | 9/08        | 10/08       | 11/08       | 12/08       |
|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Maximum leakage                | 3.300       | 3.300       | 4.400       | 4.600       | 4.700       | 6.700       | 2.900       | 3.100       | 2.700       | 3.700       | 3.100       | 2.900       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| Indicator value                | <b>13.2</b> | <b>13.2</b> | <b>17.6</b> | <b>18.4</b> | <b>18.8</b> | <b>26.8</b> | <b>11.6</b> | <b>12.4</b> | <b>10.8</b> | <b>14.8</b> | <b>12.4</b> | <b>11.6</b> |
| Reactor Coolant System Leakage | 1/09        | 2/09        | 3/09        | 4/09        | 5/09        | 6/09        | 7/09        | 8/09        | 9/09        | 10/09       | 11/09       | 12/09       |
| Maximum leakage                | 2.900       | 3.000       | 2.900       | 3.000       | 3.200       | 4.500       | 6.400       | 2.800       | 2.900       | 2.900       | 3.000       | 2.900       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| Indicator value                | <b>11.6</b> | <b>12.0</b> | <b>11.6</b> | <b>12.0</b> | <b>12.8</b> | <b>18.0</b> | <b>25.6</b> | <b>11.2</b> | <b>11.6</b> | <b>11.6</b> | <b>12.0</b> | <b>11.6</b> |

Licensee Comments: none

## Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

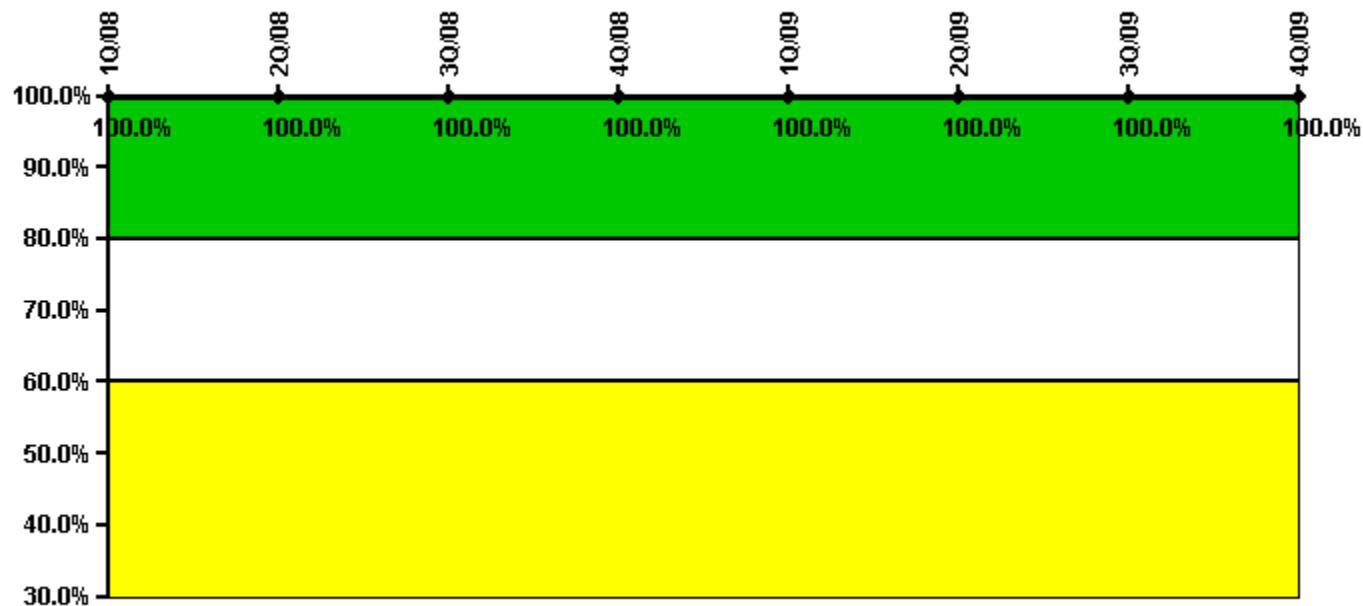
### Notes

| Drill/Exercise Performance | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities   | 7.0   | 49.0  | 36.0  | 50.0  | 20.0  | 44.0  | 48.0  | 44.0  |
| Total opportunities        | 8.0   | 52.0  | 36.0  | 50.0  | 20.0  | 44.0  | 48.0  | 46.0  |
| Indicator value            | 98.3% | 97.7% | 97.7% | 98.1% | 98.1% | 98.1% | 98.7% | 98.0% |

Licensee Comments: none

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## ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

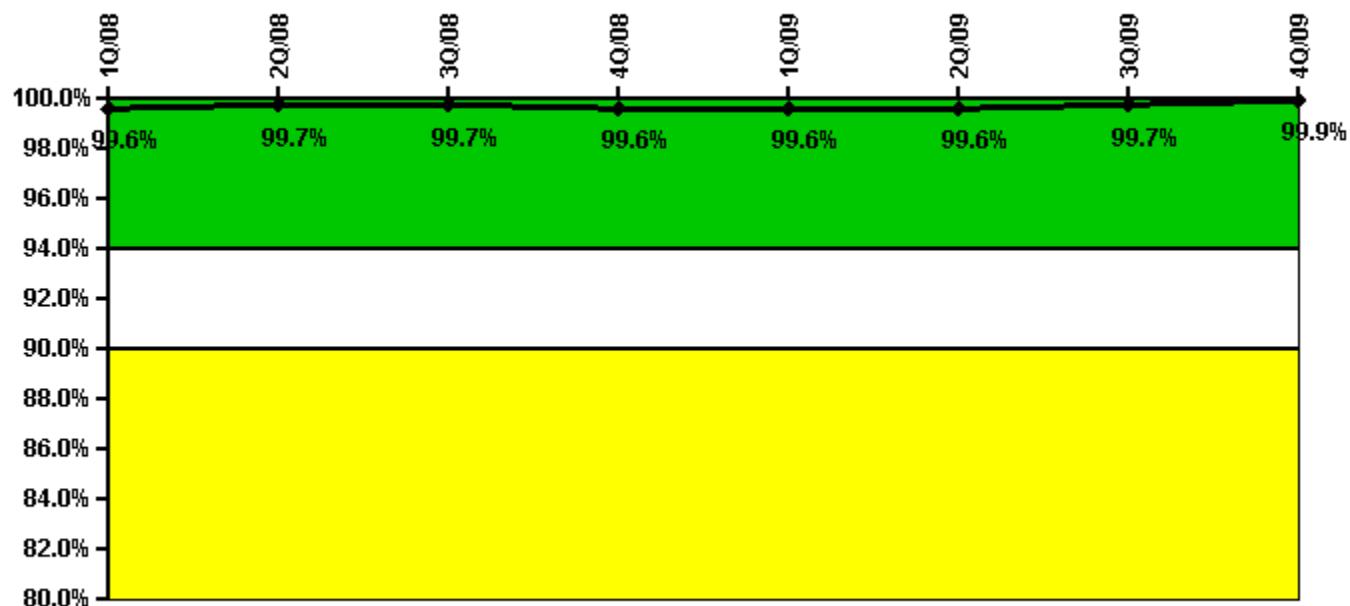
### Notes

| ERO Drill Participation     | 1Q/08  | 2Q/08  | 3Q/08  | 4Q/08  | 1Q/09  | 2Q/09  | 3Q/09  | 4Q/09  |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| Participating Key personnel | 64.0   | 67.0   | 67.0   | 68.0   | 65.0   | 66.0   | 68.0   | 68.0   |
| Total Key personnel         | 64.0   | 67.0   | 67.0   | 68.0   | 65.0   | 66.0   | 68.0   | 68.0   |
| Indicator value             | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

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## Alert & Notification System



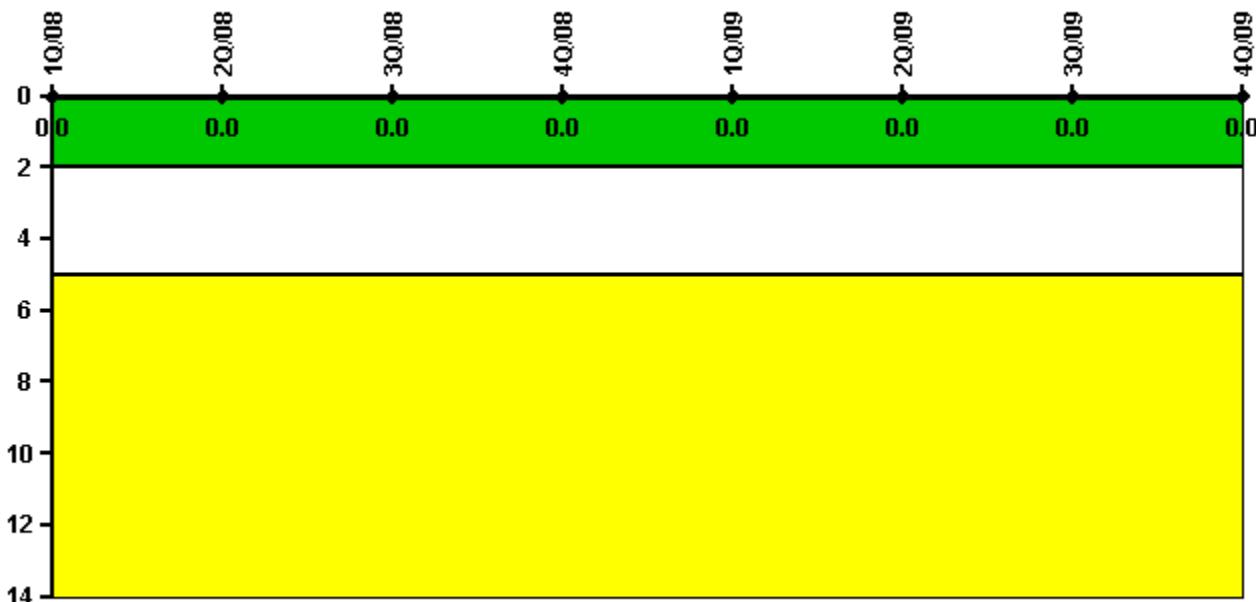
Thresholds: White < 94.0% Yellow < 90.0%

### Notes

| Alert & Notification System | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests      | 3191  | 3196  | 3235  | 3169  | 3144  | 3199  | 3246  | 3198  |
| Total sirens-tests          | 3200  | 3200  | 3246  | 3200  | 3150  | 3200  | 3250  | 3200  |
| Indicator value             | 99.6% | 99.7% | 99.7% | 99.6% | 99.6% | 99.6% | 99.7% | 99.9% |

Licensee Comments: none

## Occupational Exposure Control Effectiveness



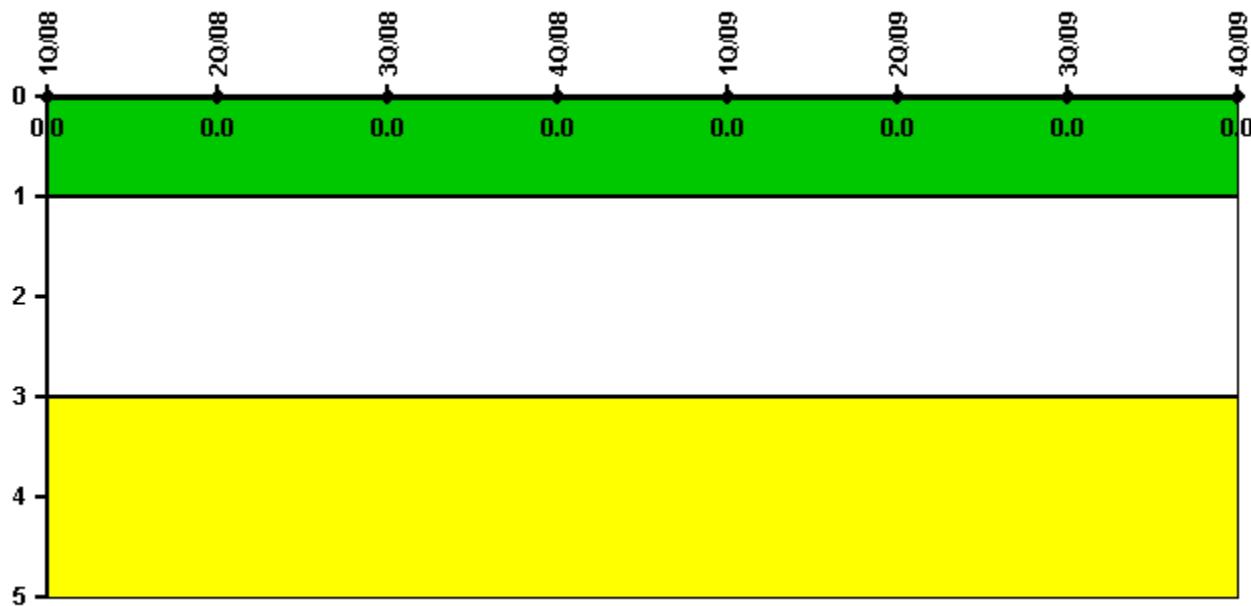
Thresholds: White > 2.0 Yellow > 5.0

### Notes

| Occupational Exposure Control Effectiveness | 1Q/08    | 2Q/08    | 3Q/08    | 4Q/08    | 1Q/09    | 2Q/09    | 3Q/09    | 4Q/09    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>0</b> |

Licensee Comments: none

## RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

### Notes

| RETS/ODCM Radiological Effluent | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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[Security](#) information not publicly available.

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[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

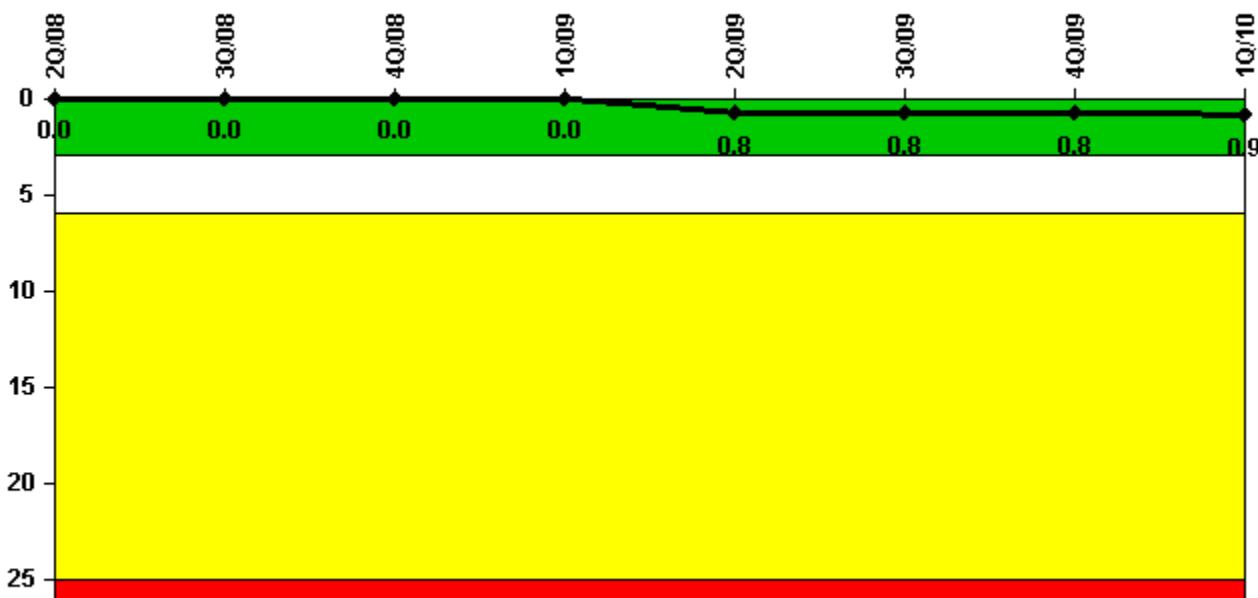
Last Modified: January 22, 2010

# La Salle 1

## 1Q/2010 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



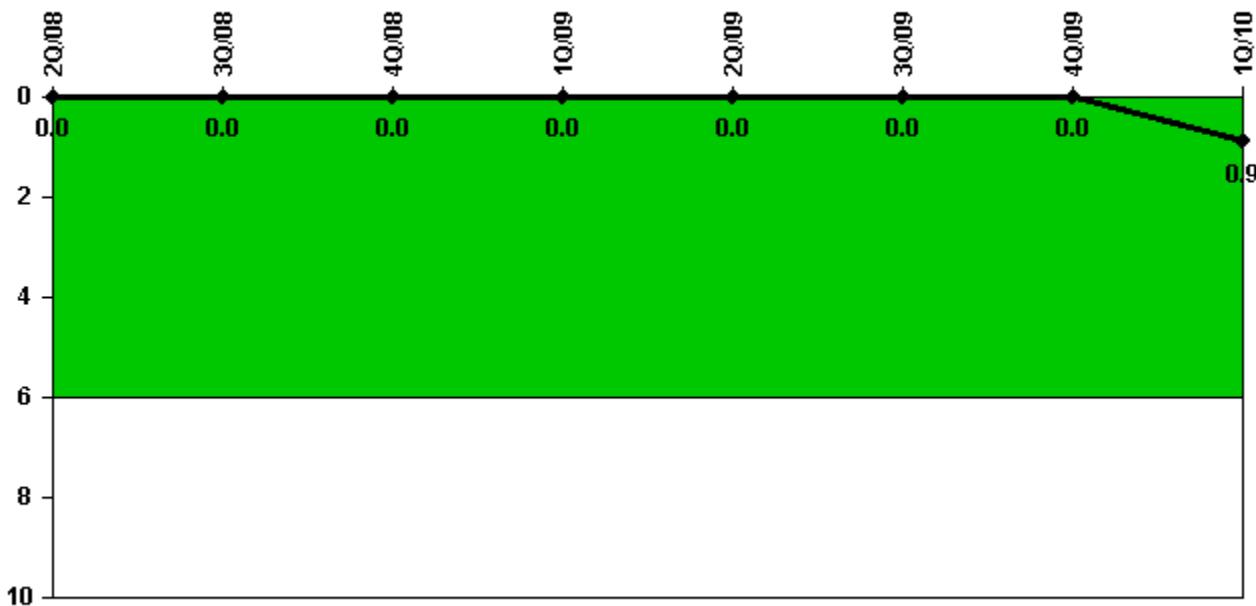
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

| Unplanned Scrams per 7000 Critical Hrs | 2Q/08  | 3Q/08  | 4Q/08  | 1Q/09  | 2Q/09  | 3Q/09  | 4Q/09  | 1Q/10  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 0      | 0      | 0      | 1.0    | 0      | 0      | 0      |
| Critical hours                         | 2184.0 | 2160.5 | 2198.5 | 2159.0 | 2142.3 | 2146.0 | 2209.0 | 1550.2 |
| Indicator value                        | 0      | 0      | 0      | 0      | 0.8    | 0.8    | 0.8    | 0.9    |

Licensee Comments: none

## Unplanned Power Changes per 7000 Critical Hrs



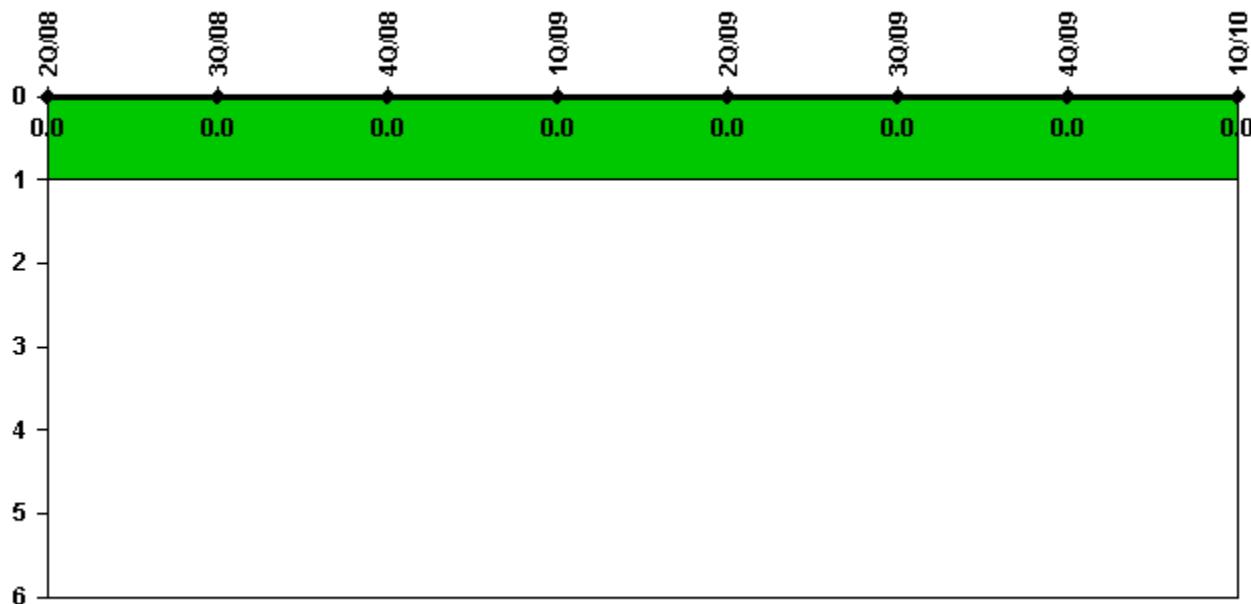
Thresholds: White > 6.0

### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 2Q/08    | 3Q/08    | 4Q/08    | 1Q/09    | 2Q/09    | 3Q/09    | 4Q/09    | 1Q/10      |
|---|----------|----------|----------|----------|----------|----------|----------|------------|
| Unplanned power changes                       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1.0        |
| Critical hours                                | 2184.0   | 2160.5   | 2198.5   | 2159.0   | 2142.3   | 2146.0   | 2209.0   | 1550.2     |
| Indicator value                               | <b>0</b> | <b>0.9</b> |

Licensee Comments: none

## Unplanned Scrams with Complications



Thresholds: White > 1.0

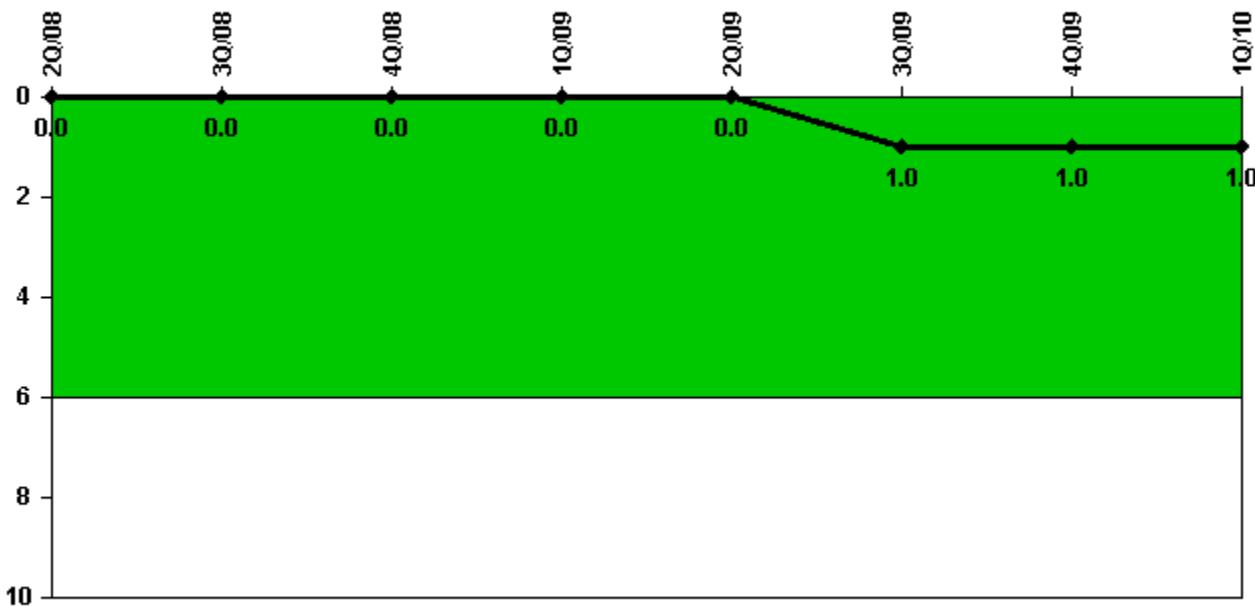
### Notes

| Unplanned Scrams with Complications | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 |
|-------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams with complications           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
|                                     |       |       |       |       |       |       |       |       |
|                                     |       |       |       |       |       |       |       |       |
| Indicator value                     | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

Licensee Comments: none

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## Safety System Functional Failures (BWR)



Thresholds: White > 6.0

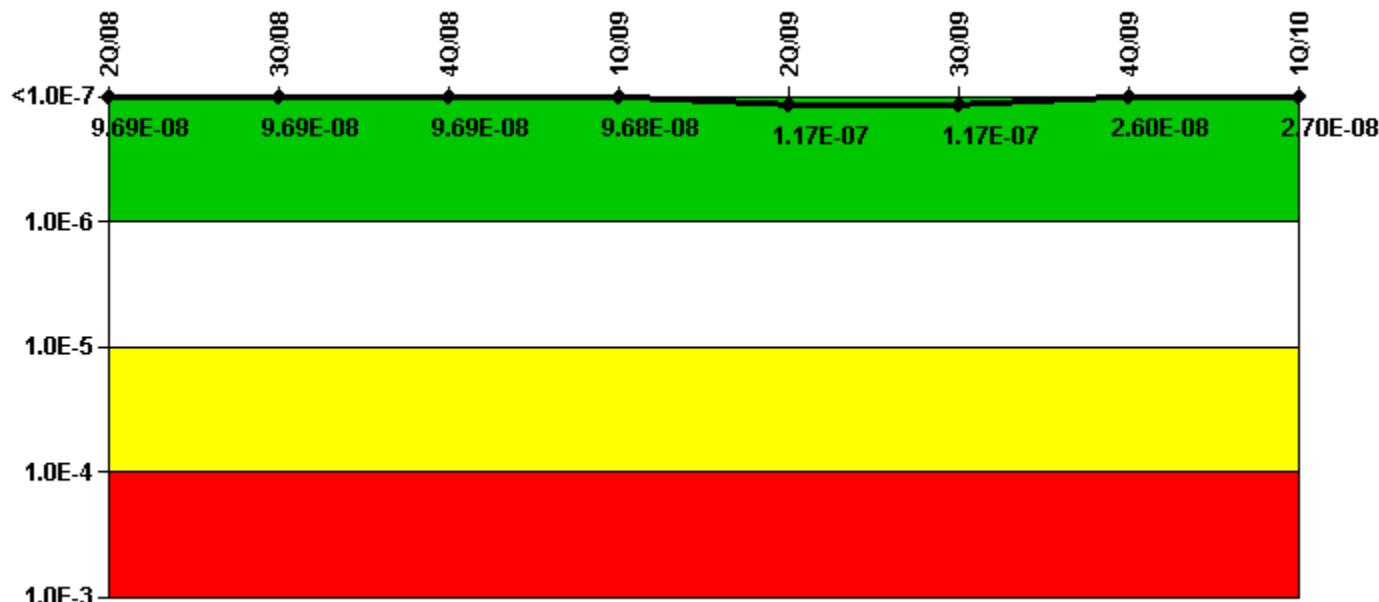
### Notes

| Safety System Functional Failures (BWR) | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures       | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
|   |       |       |       |       |       |       |       |       |
| Indicator value                         | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 1     |

Licensee Comments: none

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# Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

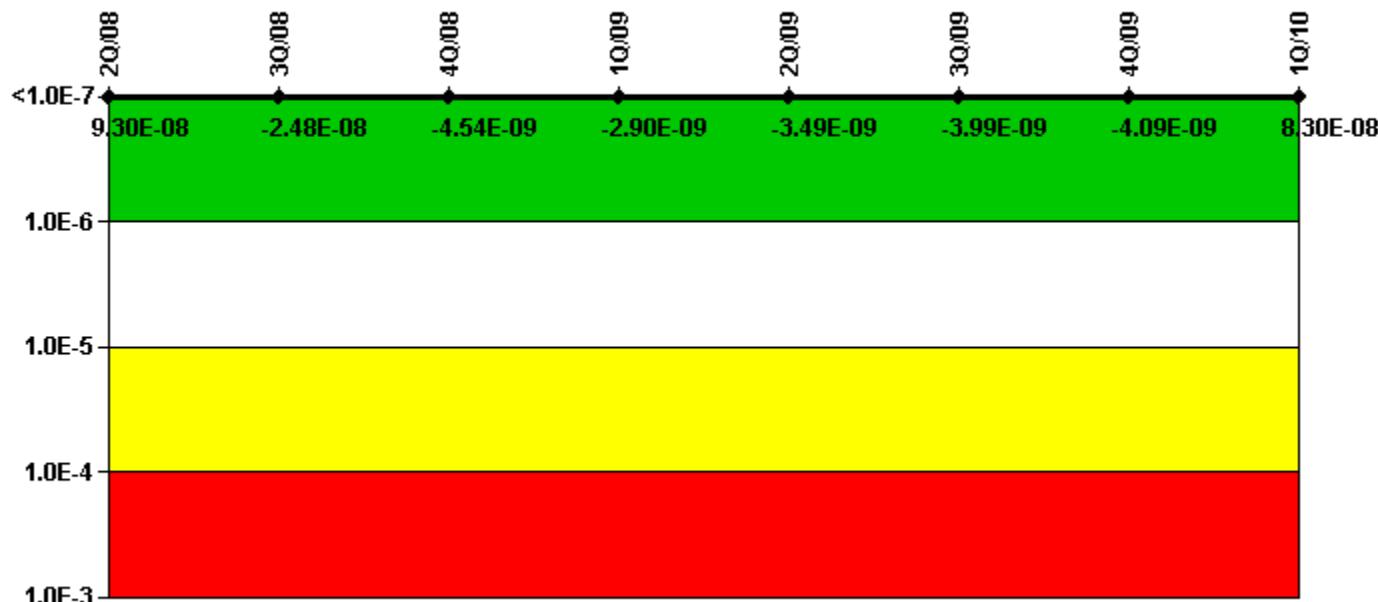
## Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 2Q/08           | 3Q/08           | 4Q/08           | 1Q/09           | 2Q/09           | 3Q/09           | 4Q/09           | 1Q/10           |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| UAI ( $\Delta$ CDF)   | -3.10E-09       | -3.10E-09       | -3.10E-09       | -3.20E-09       | -3.00E-09       | -3.00E-09       | -3.00E-09       | -2.18E-09       |
| URI ( $\Delta$ CDF)   | 1.00E-07        | 1.00E-07        | 1.00E-07        | 1.00E-07        | 1.20E-07        | 1.20E-07        | 2.90E-08        | 2.90E-08        |
| PLE   | NO              |
| <b>Indicator value</b>  | <b>9.69E-08</b> | <b>9.69E-08</b> | <b>9.69E-08</b> | <b>9.68E-08</b> | <b>1.17E-07</b> | <b>1.17E-07</b> | <b>2.60E-08</b> | <b>2.70E-08</b> |

Licensee Comments:

1Q/10: Changed PRA Parameter(s). PRA inputs for unavailability monitoring were changed to correct basic events values used for the calculation of the Fussell-Vesely / basic event probability ratio. It was identified that the maintenance unavailability basic events in the PRA are not logically equivalent to demand failure basic events. This was corrected by considering only the maintenance unavailability basic events. The resulting change in the unavailability index was minimal, and all indicators remain Green. This issue has been entered into the corrective action program.

## Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

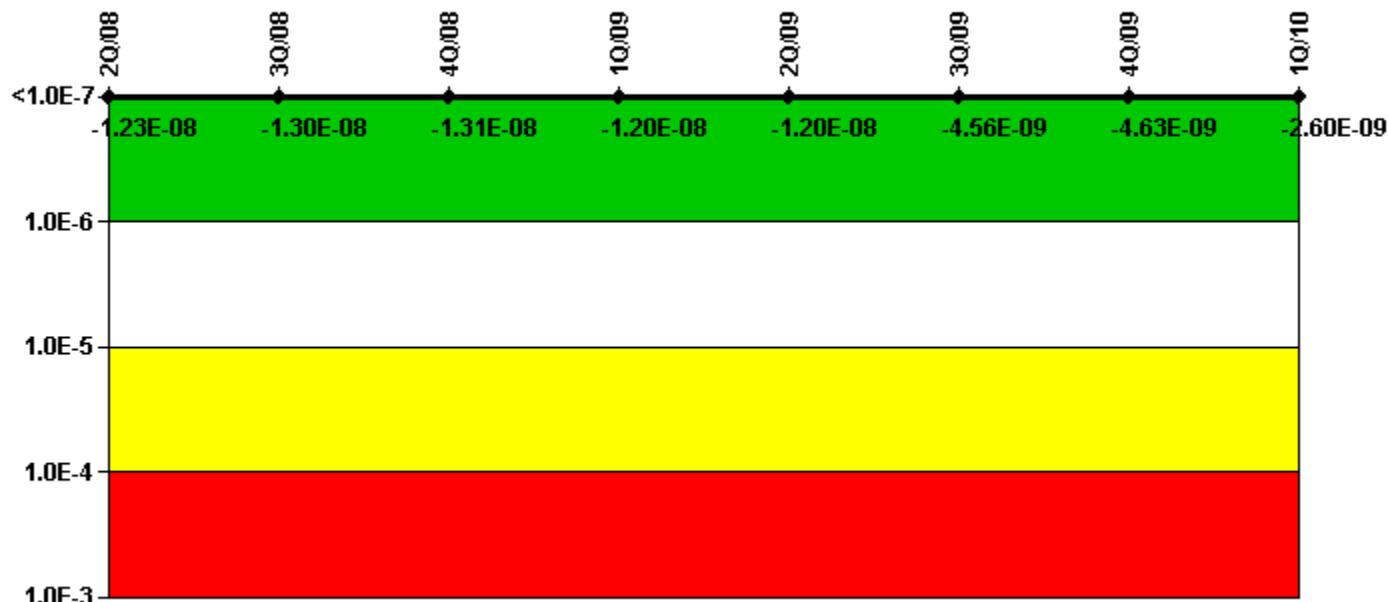
### Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 2Q/08           | 3Q/08            | 4Q/08            | 1Q/09            | 2Q/09            | 3Q/09            | 4Q/09            | 1Q/10           |
|--|-----------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------|
| UAI ( $\Delta$ CDF)  | 3.50E-08        | -2.80E-09        | -6.40E-10        | -7.00E-10        | -6.90E-10        | -6.90E-10        | -6.90E-10        | 2.01E-09        |
| URI ( $\Delta$ CDF)  | 5.80E-08        | -2.20E-08        | -3.90E-09        | -2.20E-09        | -2.80E-09        | -3.30E-09        | -3.40E-09        | 8.12E-08        |
| PLE  | NO              | NO               | NO               | NO               | NO               | NO               | NO               | NO              |
| Indicator value  | <b>9.30E-08</b> | <b>-2.48E-08</b> | <b>-4.54E-09</b> | <b>-2.90E-09</b> | <b>-3.49E-09</b> | <b>-3.99E-09</b> | <b>-4.09E-09</b> | <b>8.30E-08</b> |

Licensee Comments:

1Q/10: Changed PRA Parameter(s). PRA inputs for unavailability monitoring were changed to correct basic events values used for the calculation of the Fussell-Vesely / basic event probability ratio. It was identified that the maintenance unavailability basic events in the PRA are not logically equivalent to demand failure basic events. This was corrected by considering only the maintenance unavailability basic events. The resulting change in the unavailability index was minimal, and all indicators remain Green. This issue has been entered into the corrective action program.

## Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

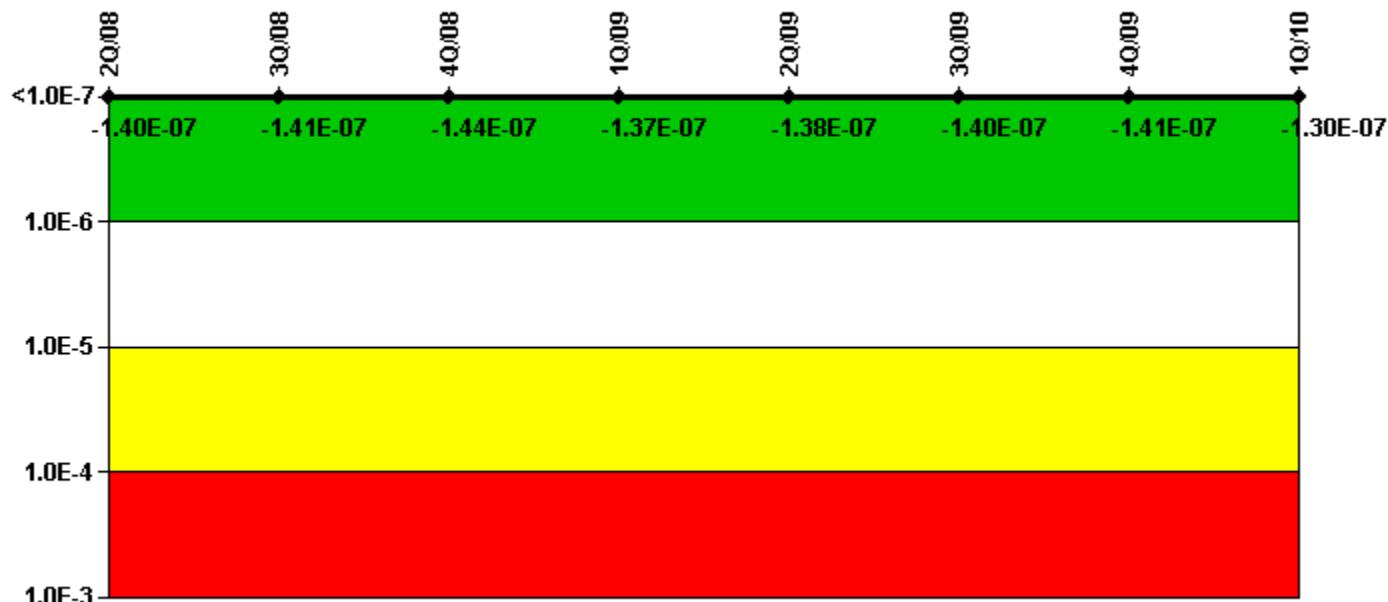
### Notes

| Mitigating Systems Performance Index, Heat Removal System | 2Q/08            | 3Q/08            | 4Q/08            | 1Q/09            | 2Q/09            | 3Q/09            | 4Q/09            | 1Q/10            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)                                       | -4.70E-09        | -5.40E-09        | -5.40E-09        | -5.40E-09        | -5.40E-09        | -4.50E-09        | -4.50E-09        | -2.39E-09        |
| URI ( $\Delta$ CDF)                                       | -7.60E-09        | -7.60E-09        | -7.70E-09        | -6.60E-09        | -6.60E-09        | -5.60E-11        | -1.30E-10        | -1.95E-10        |
| PLE   | NO               |
| Indicator value   | <b>-1.23E-08</b> | <b>-1.30E-08</b> | <b>-1.31E-08</b> | <b>-1.20E-08</b> | <b>-1.20E-08</b> | <b>-4.56E-09</b> | <b>-4.63E-09</b> | <b>-2.60E-09</b> |

### Licensee Comments:

1Q/10: Changed PRA Parameter(s). PRA inputs for unavailability monitoring were changed to correct basic events values used for the calculation of the Fussell-Vesely / basic event probability ratio. It was identified that the maintenance unavailability basic events in the PRA are not logically equivalent to demand failure basic events. This was corrected by considering only the maintenance unavailability basic events. The resulting change in the unavailability index was minimal, and all indicators remain Green. This issue has been entered into the corrective action program.

## Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

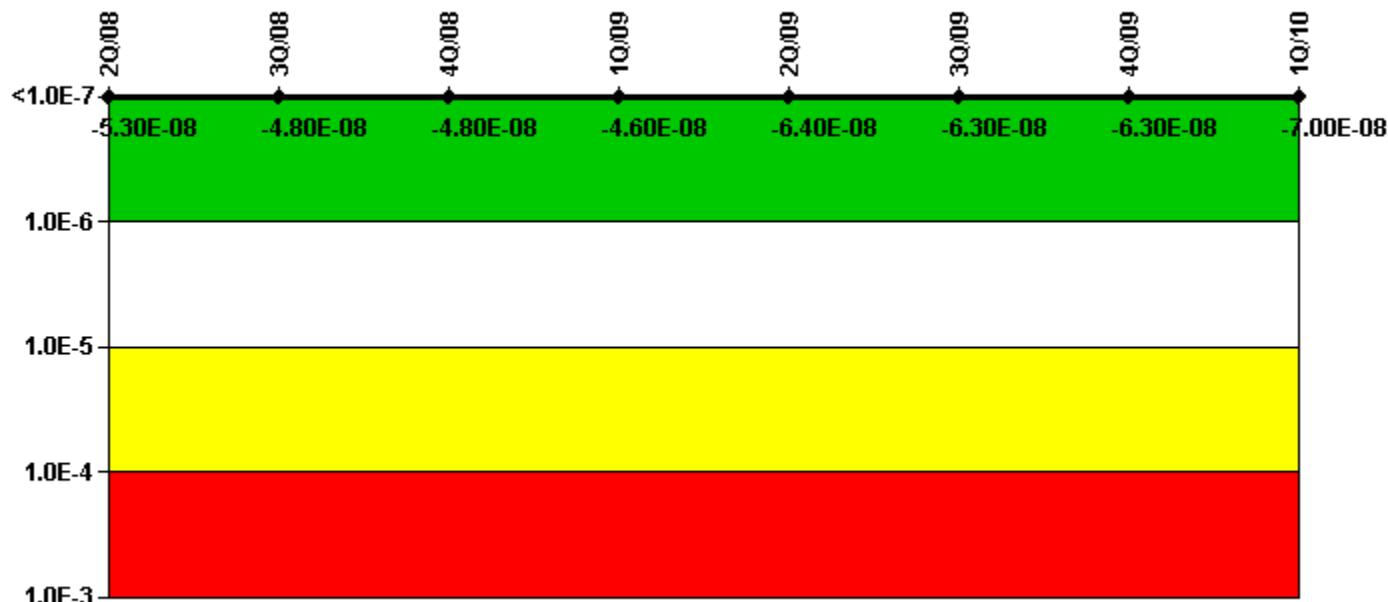
### Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 2Q/08            | 3Q/08            | 4Q/08            | 1Q/09            | 2Q/09            | 3Q/09            | 4Q/09            | 1Q/10            |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)  | -5.70E-08        | -5.60E-08        | -5.80E-08        | -5.80E-08        | -5.80E-08        | -5.80E-08        | -5.80E-08        | -4.99E-08        |
| URI ( $\Delta$ CDF)  | -8.30E-08        | -8.50E-08        | -8.60E-08        | -7.90E-08        | -8.00E-08        | -8.20E-08        | -8.30E-08        | -8.44E-08        |
| PLE  | NO               |
| Indicator value  | <b>-1.40E-07</b> | <b>-1.41E-07</b> | <b>-1.44E-07</b> | <b>-1.37E-07</b> | <b>-1.38E-07</b> | <b>-1.40E-07</b> | <b>-1.41E-07</b> | <b>-1.30E-07</b> |

Licensee Comments:

1Q/10: Changed PRA Parameter(s). PRA inputs for unavailability monitoring were changed to correct basic events values used for the calculation of the Fussell-Vesely / basic event probability ratio. It was identified that the maintenance unavailability basic events in the PRA are not logically equivalent to demand failure basic events. This was corrected by considering only the maintenance unavailability basic events. The resulting change in the unavailability index was minimal, and all indicators remain Green. This issue has been entered into the corrective action program.

## Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

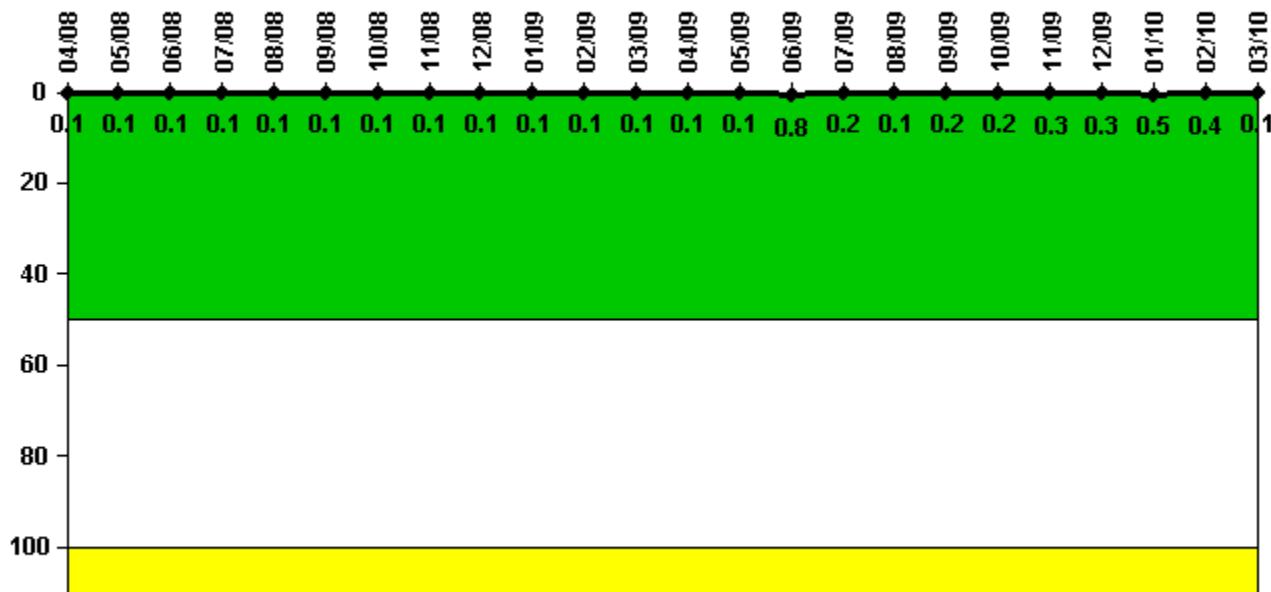
### Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 2Q/08            | 3Q/08            | 4Q/08            | 1Q/09            | 2Q/09            | 3Q/09            | 4Q/09            | 1Q/10            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)   | 5.70E-08         | 6.20E-08         | 6.20E-08         | 6.40E-08         | 4.60E-08         | 4.70E-08         | 4.70E-08         | 3.40E-08         |
| URI ( $\Delta$ CDF)   | -1.10E-07        | -1.04E-07        |
| PLE   | NO               |
| <b>Indicator value</b>                                      | <b>-5.30E-08</b> | <b>-4.80E-08</b> | <b>-4.80E-08</b> | <b>-4.60E-08</b> | <b>-6.40E-08</b> | <b>-6.30E-08</b> | <b>-6.30E-08</b> | <b>-7.00E-08</b> |

Licensee Comments:

1Q/10: Changed PRA Parameter(s). PRA inputs for unavailability monitoring were changed to correct basic events values used for the calculation of the Fussell-Vesely / basic event probability ratio. It was identified that the maintenance unavailability basic events in the PRA are not logically equivalent to demand failure basic events. This was corrected by considering only the maintenance unavailability basic events. The resulting change in the unavailability index was minimal, and all indicators remain Green. This issue has been entered into the corrective action program.

## Reactor Coolant System Activity



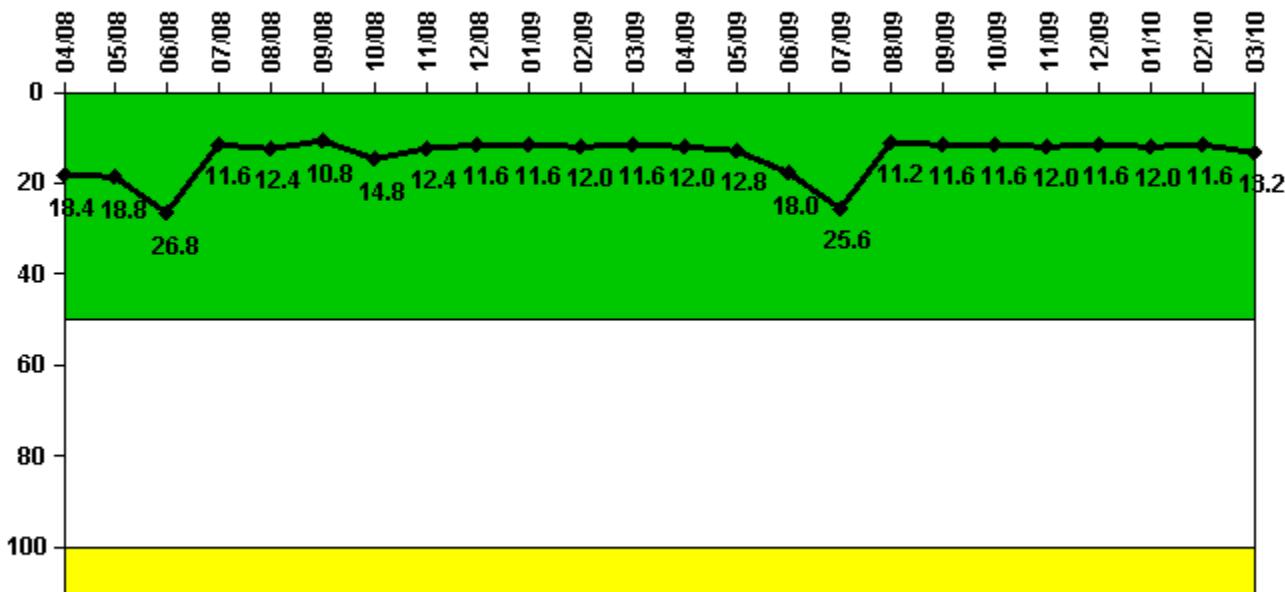
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Activity | 4/08     | 5/08     | 6/08     | 7/08     | 8/08     | 9/08     | 10/08    | 11/08    | 12/08    | 1/09     | 2/09     | 3/09     |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity                | 0.000270 | 0.000267 | 0.000260 | 0.000253 | 0.000257 | 0.000280 | 0.000214 | 0.000219 | 0.000231 | 0.000218 | 0.000259 | 0.000213 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      |
| Reactor Coolant System Activity | 4/09     | 5/09     | 6/09     | 7/09     | 8/09     | 9/09     | 10/09    | 11/09    | 12/09    | 1/10     | 2/10     | 3/10     |
| Maximum activity                | 0.000199 | 0.000200 | 0.001510 | 0.000446 | 0.000257 | 0.000426 | 0.000451 | 0.000584 | 0.000669 | 0.000934 | 0.000745 | 0.000236 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0.1      | 0.1      | 0.8      | 0.2      | 0.1      | 0.2      | 0.2      | 0.3      | 0.3      | 0.5      | 0.4      | 0.1      |

Licensee Comments: none

## Reactor Coolant System Leakage



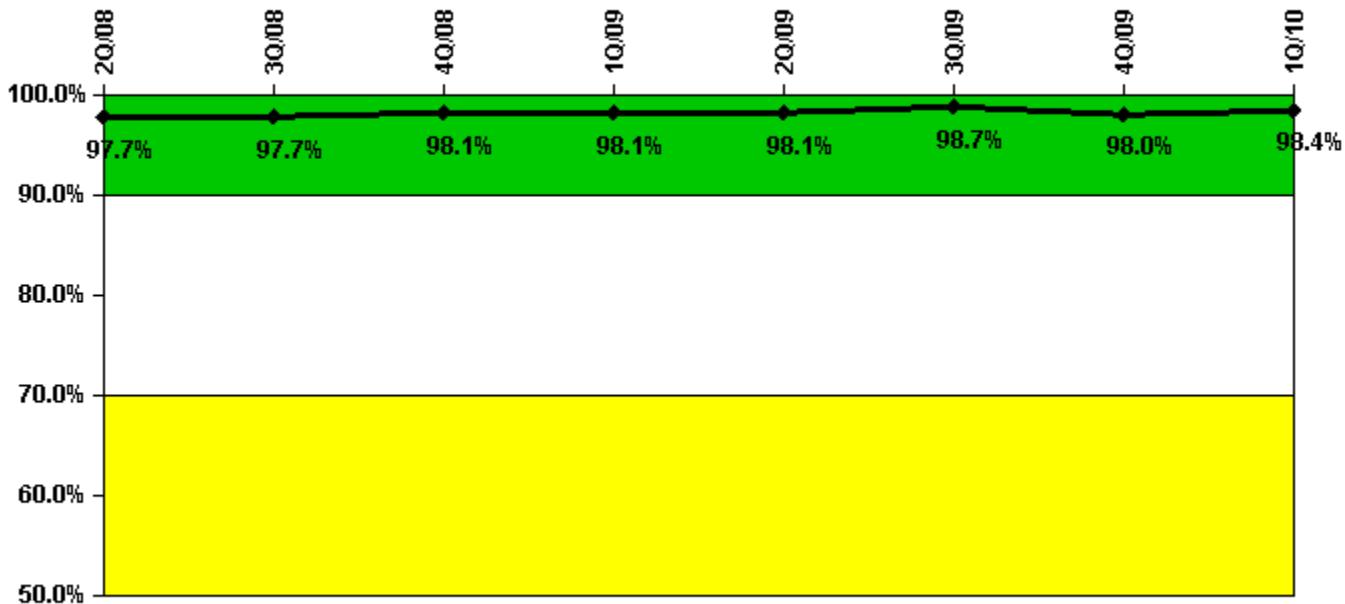
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Leakage | 4/08        | 5/08        | 6/08        | 7/08        | 8/08        | 9/08        | 10/08       | 11/08       | 12/08       | 1/09        | 2/09        | 3/09        |
|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Maximum leakage                | 4.600       | 4.700       | 6.700       | 2.900       | 3.100       | 2.700       | 3.700       | 3.100       | 2.900       | 2.900       | 3.000       | 2.900       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| Indicator value                | <b>18.4</b> | <b>18.8</b> | <b>26.8</b> | <b>11.6</b> | <b>12.4</b> | <b>10.8</b> | <b>14.8</b> | <b>12.4</b> | <b>11.6</b> | <b>11.6</b> | <b>12.0</b> | <b>11.6</b> |
| Reactor Coolant System Leakage | 4/09        | 5/09        | 6/09        | 7/09        | 8/09        | 9/09        | 10/09       | 11/09       | 12/09       | 1/10        | 2/10        | 3/10        |
| Maximum leakage                | 3.000       | 3.200       | 4.500       | 6.400       | 2.800       | 2.900       | 2.900       | 3.000       | 2.900       | 3.000       | 2.900       | 3.300       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| Indicator value                | <b>12.0</b> | <b>12.8</b> | <b>18.0</b> | <b>25.6</b> | <b>11.2</b> | <b>11.6</b> | <b>11.6</b> | <b>12.0</b> | <b>11.6</b> | <b>12.0</b> | <b>11.6</b> | <b>13.2</b> |

Licensee Comments: none

## Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

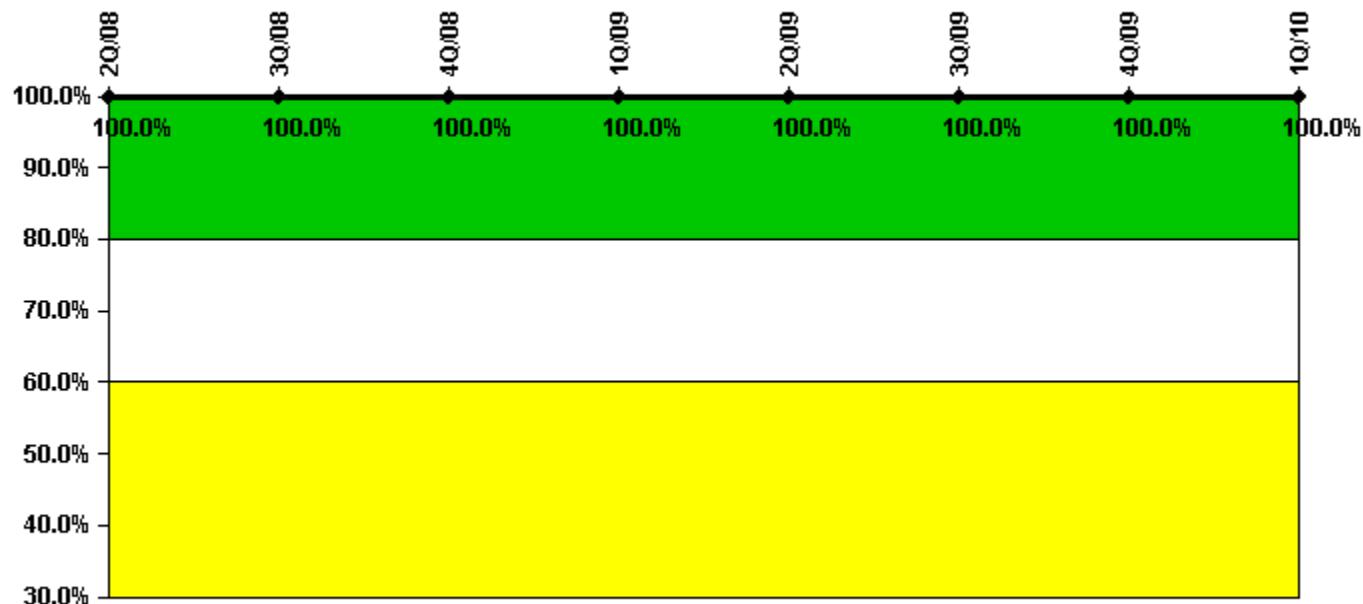
### Notes

| Drill/Exercise Performance | 2Q/08        | 3Q/08        | 4Q/08        | 1Q/09        | 2Q/09        | 3Q/09        | 4Q/09        | 1Q/10        |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful opportunities   | 49.0         | 36.0         | 50.0         | 20.0         | 44.0         | 48.0         | 44.0         | 20.0         |
| Total opportunities        | 52.0         | 36.0         | 50.0         | 20.0         | 44.0         | 48.0         | 46.0         | 20.0         |
| <b>Indicator value</b>     | <b>97.7%</b> | <b>97.7%</b> | <b>98.1%</b> | <b>98.1%</b> | <b>98.1%</b> | <b>98.7%</b> | <b>98.0%</b> | <b>98.4%</b> |

Licensee Comments: none

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## ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

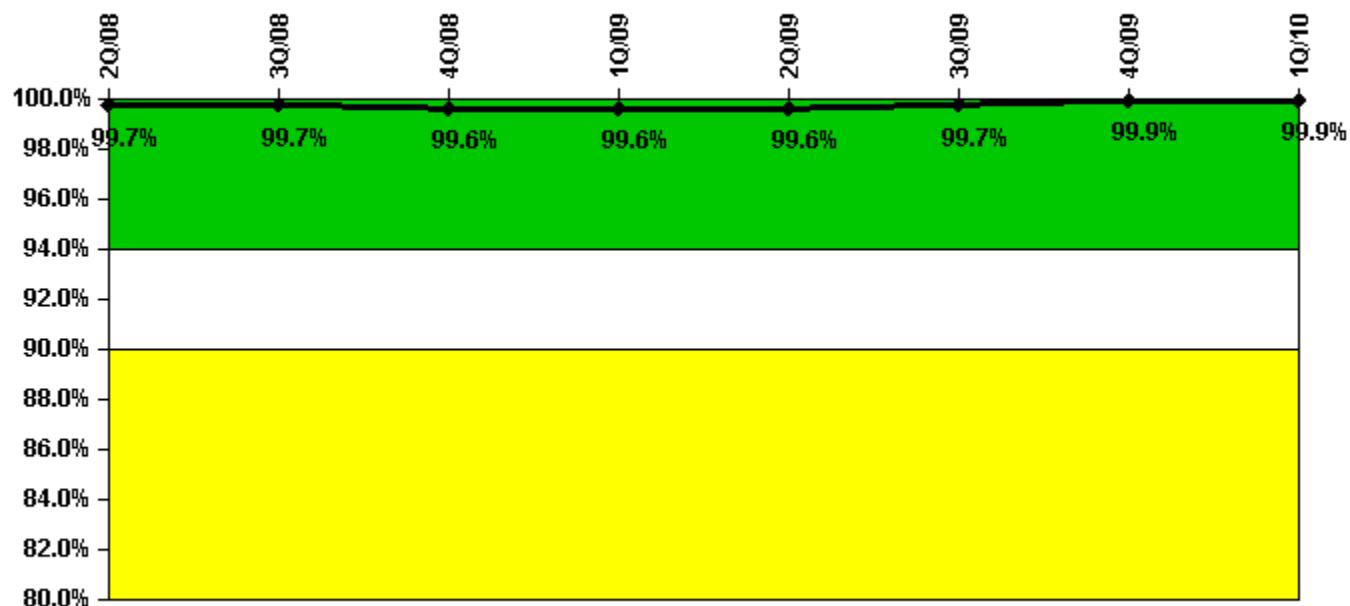
### Notes

| ERO Drill Participation     | 2Q/08  | 3Q/08  | 4Q/08  | 1Q/09  | 2Q/09  | 3Q/09  | 4Q/09  | 1Q/10  |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| Participating Key personnel | 67.0   | 67.0   | 68.0   | 65.0   | 66.0   | 68.0   | 68.0   | 70.0   |
| Total Key personnel         | 67.0   | 67.0   | 68.0   | 65.0   | 66.0   | 68.0   | 68.0   | 70.0   |
| Indicator value             | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

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## Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

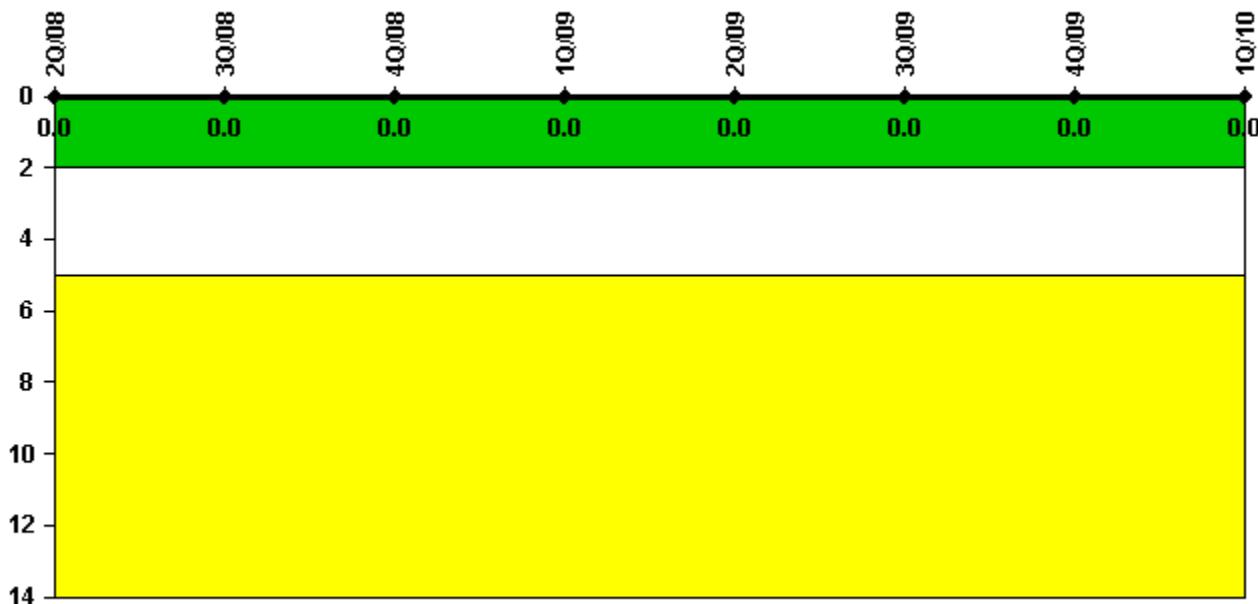
### Notes

| Alert & Notification System | 2Q/08        | 3Q/08        | 4Q/08        | 1Q/09        | 2Q/09        | 3Q/09        | 4Q/09        | 1Q/10        |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests      | 3196         | 3235         | 3169         | 3144         | 3199         | 3246         | 3198         | 2139         |
| Total sirens-tests          | 3200         | 3246         | 3200         | 3150         | 3200         | 3250         | 3200         | 2142         |
| <b>Indicator value</b>      | <b>99.7%</b> | <b>99.7%</b> | <b>99.6%</b> | <b>99.6%</b> | <b>99.6%</b> | <b>99.7%</b> | <b>99.9%</b> | <b>99.9%</b> |

Licensee Comments:

1Q/10: On 1/1/10, LaSalle Station implemented a new FEMA-approved siren plan, which reduced the number of sirens from 50 to 34. The decrease in the number of monthly siren tests reflects the reduction in sirens.

## Occupational Exposure Control Effectiveness



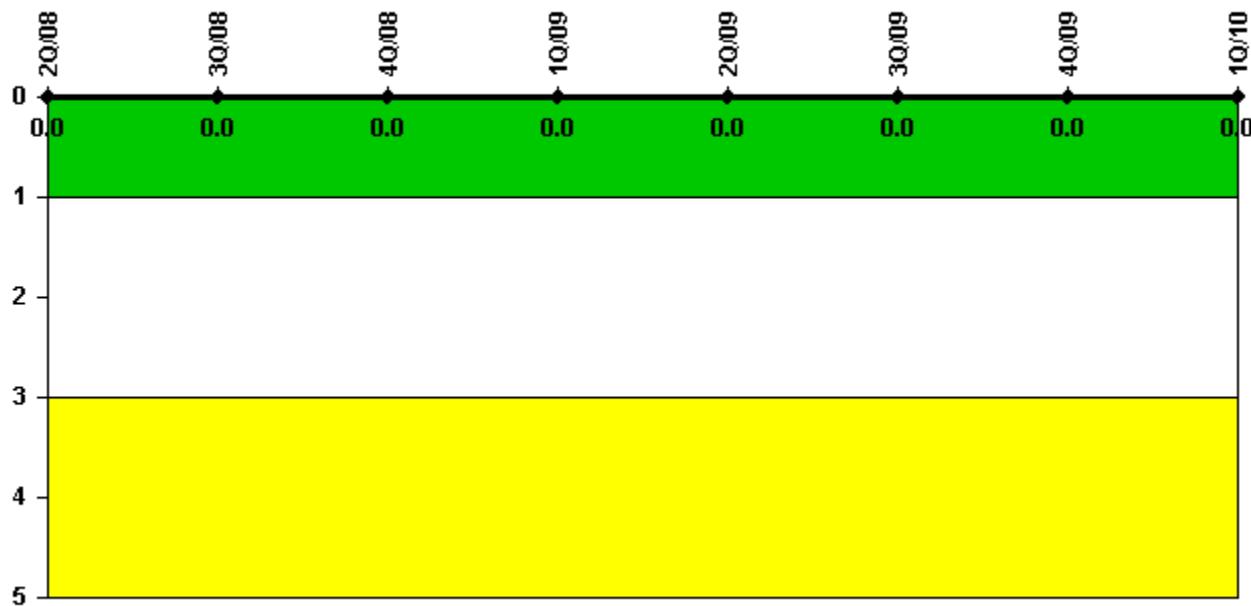
Thresholds: White > 2.0 Yellow > 5.0

### Notes

| Occupational Exposure Control Effectiveness | 2Q/08    | 3Q/08    | 4Q/08    | 1Q/09    | 2Q/09    | 3Q/09    | 4Q/09    | 1Q/10    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>0</b> |

Licensee Comments: none

## RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

### Notes

| RETS/ODCM Radiological Effluent | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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[Security](#) information not publicly available.

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[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

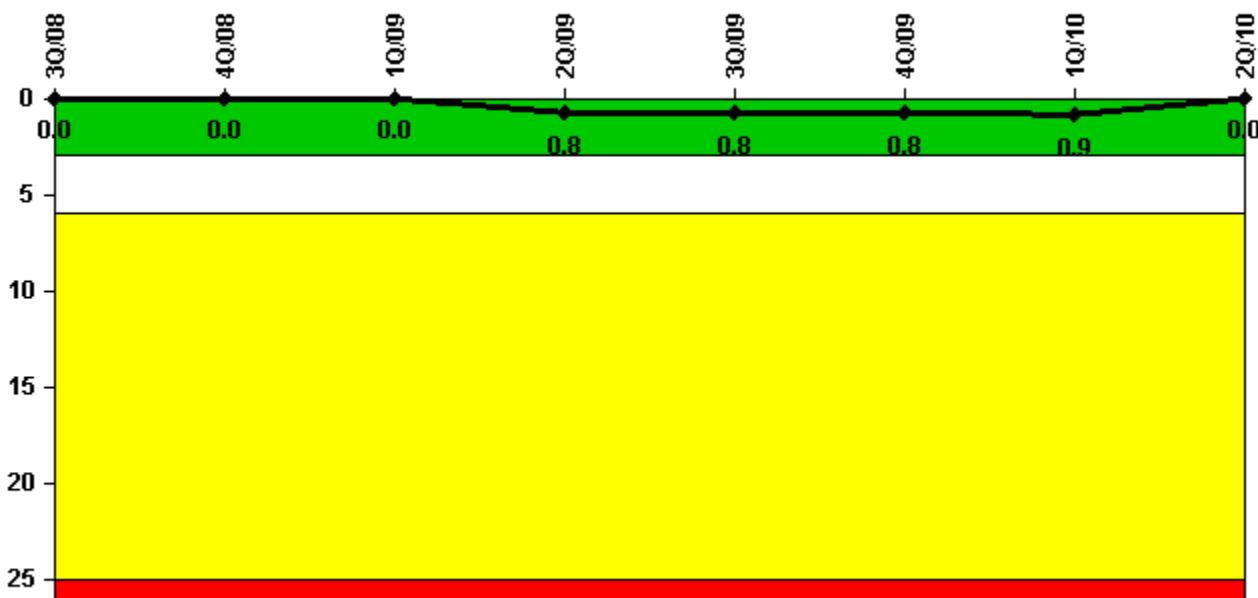
Last Modified: April 26, 2010

# La Salle 1

## 2Q/2010 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



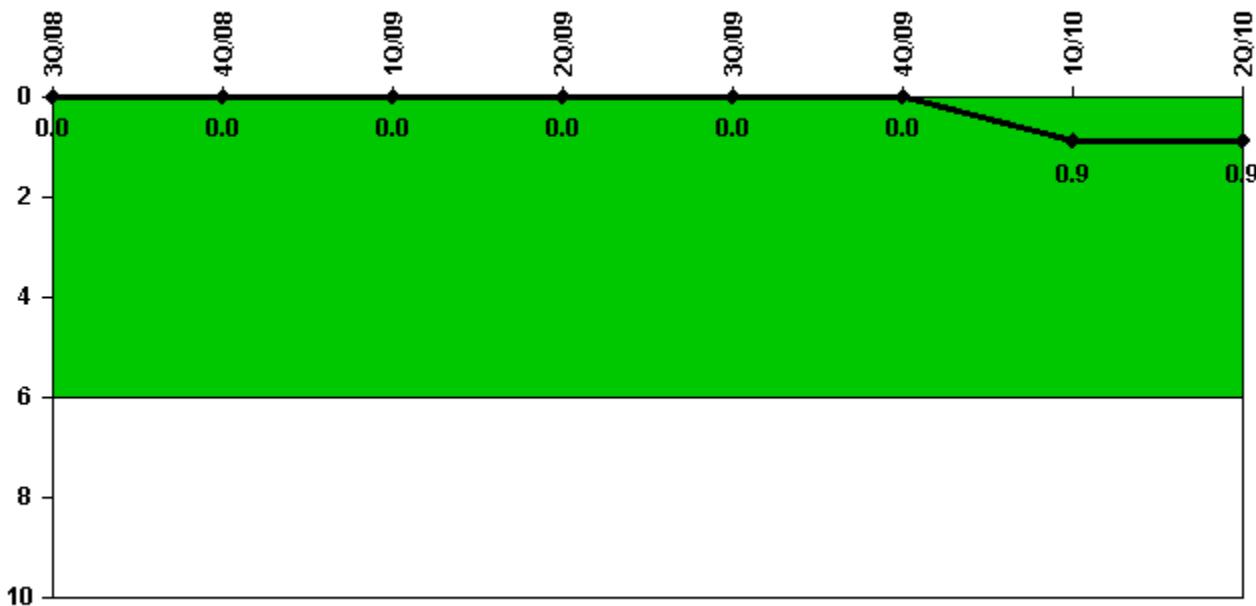
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

| Unplanned Scrams per 7000 Critical Hrs | 3Q/08  | 4Q/08  | 1Q/09  | 2Q/09  | 3Q/09  | 4Q/09  | 1Q/10  | 2Q/10  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 0      | 0      | 1.0    | 0      | 0      | 0      | 0      |
| Critical hours                         | 2160.5 | 2198.5 | 2159.0 | 2142.3 | 2146.0 | 2209.0 | 1550.2 | 2184.0 |
| Indicator value                        | 0      | 0      | 0      | 0.8    | 0.8    | 0.8    | 0.9    | 0      |

Licensee Comments: none

## Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

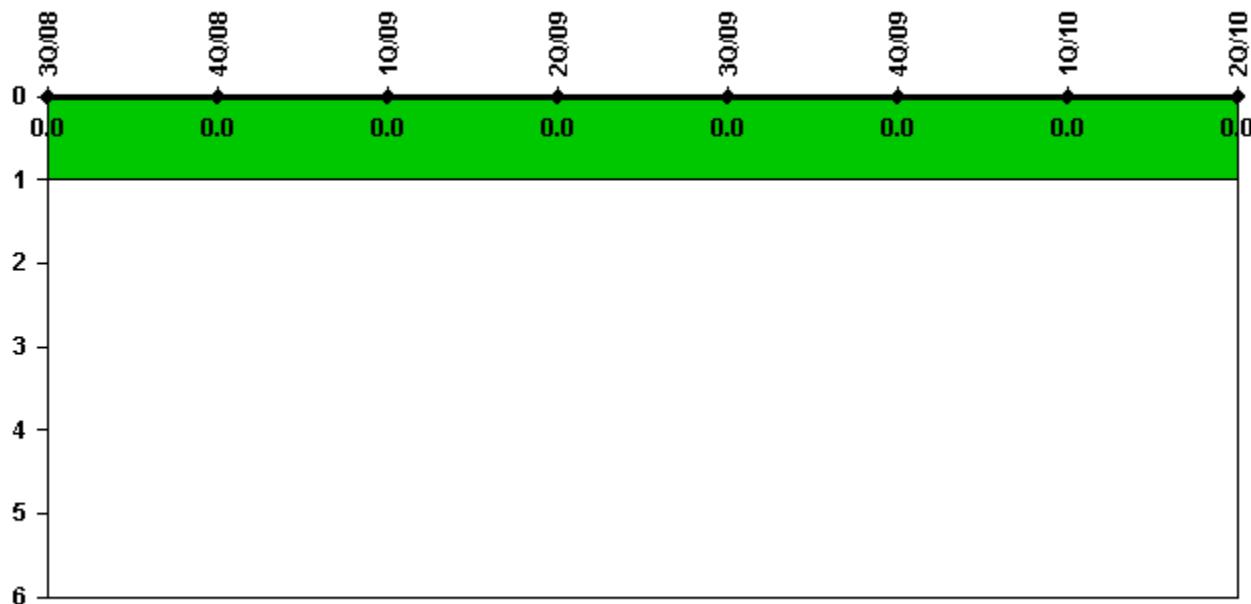
### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 3Q/08    | 4Q/08    | 1Q/09    | 2Q/09    | 3Q/09    | 4Q/09    | 1Q/10      | 2Q/10      |
|---|----------|----------|----------|----------|----------|----------|------------|------------|
| Unplanned power changes                       | 0        | 0        | 0        | 0        | 0        | 0        | 1.0        | 0          |
| Critical hours                                | 2160.5   | 2198.5   | 2159.0   | 2142.3   | 2146.0   | 2209.0   | 1550.2     | 2184.0     |
| Indicator value                               | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0.9</b> | <b>0.9</b> |

Licensee Comments: none

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## Unplanned Scrams with Complications



Thresholds: White > 1.0

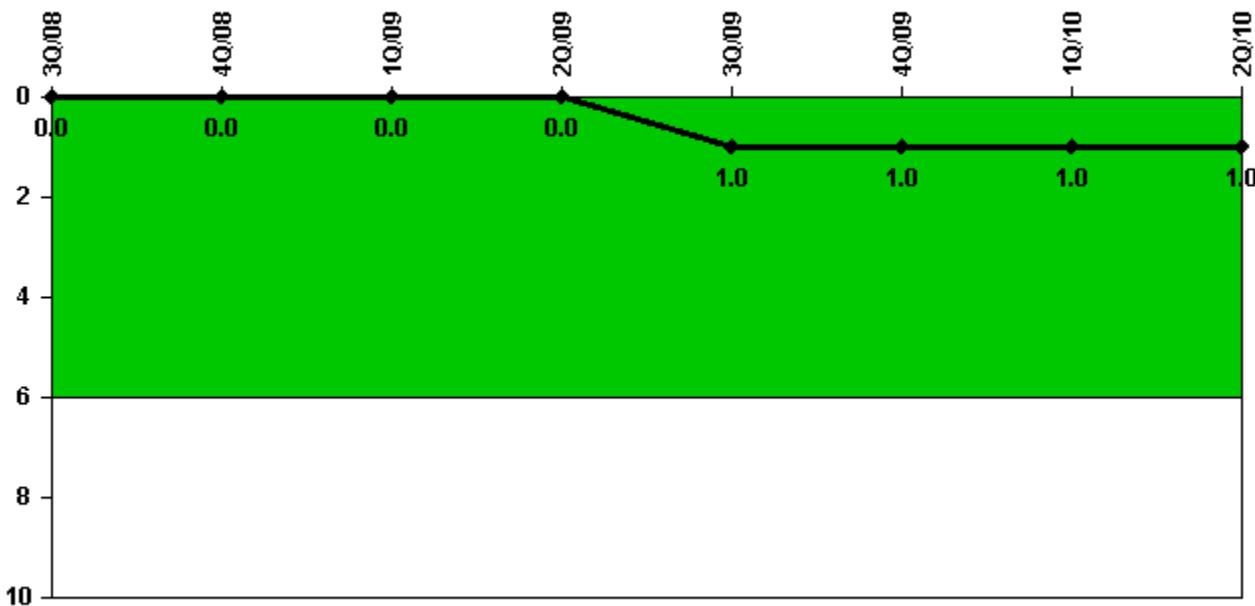
### Notes

| Unplanned Scrams with Complications | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 |
|-------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams with complications           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
|                                     |       |       |       |       |       |       |       |       |
|                                     |       |       |       |       |       |       |       |       |
| Indicator value                     | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

Licensee Comments: none

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## Safety System Functional Failures (BWR)



Thresholds: White > 6.0

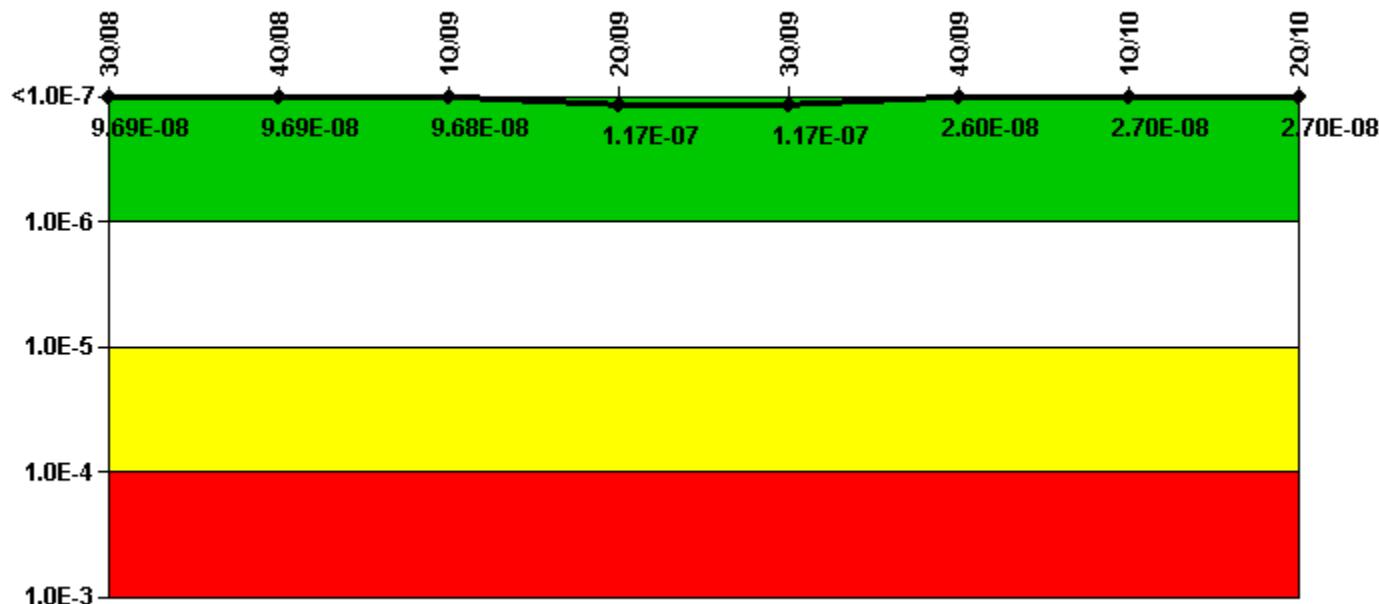
### Notes

| Safety System Functional Failures (BWR) | 3Q/08    | 4Q/08    | 1Q/09    | 2Q/09    | 3Q/09    | 4Q/09    | 1Q/10    | 2Q/10    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Safety System Functional Failures       | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        |
|   |          |          |          |          |          |          |          |          |
| Indicator value                         | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>1</b> |

Licensee Comments: none

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## Mitigating Systems Performance Index, Emergency AC Power System



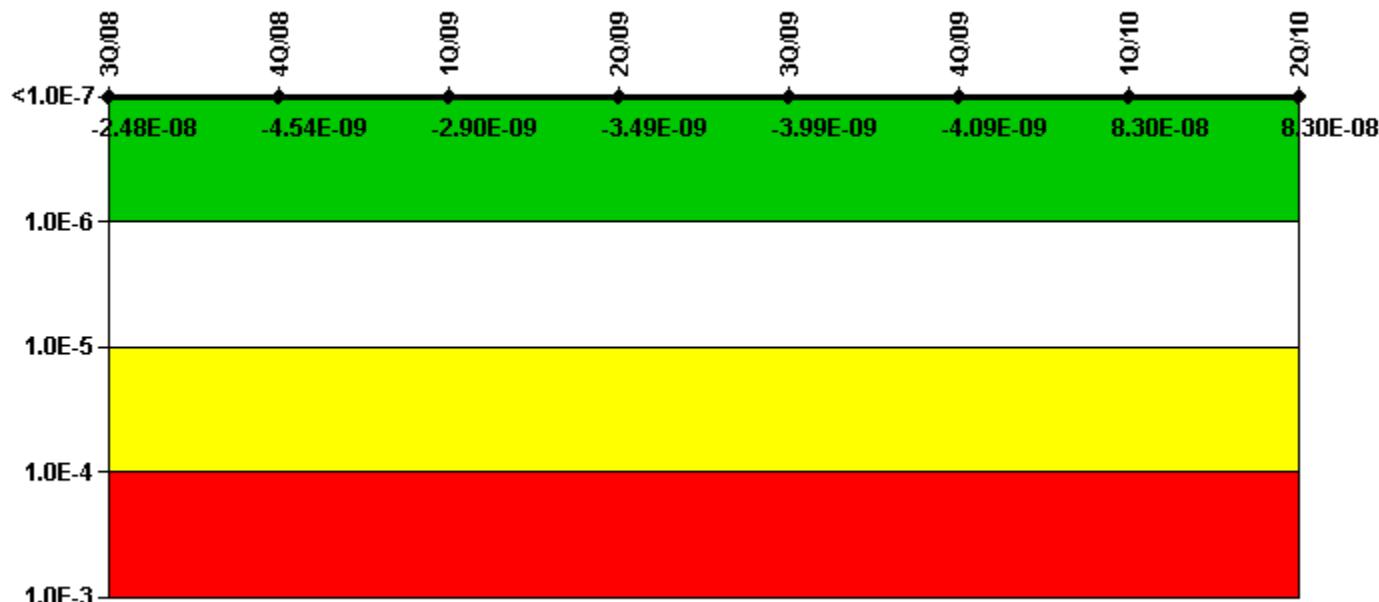
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 3Q/08           | 4Q/08           | 1Q/09           | 2Q/09           | 3Q/09           | 4Q/09           | 1Q/10           | 2Q/10           |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| UAI ( $\Delta$ CDF)   | -3.10E-09       | -3.10E-09       | -3.20E-09       | -3.00E-09       | -3.00E-09       | -3.00E-09       | -2.18E-09       | -2.18E-09       |
| URI ( $\Delta$ CDF)   | 1.00E-07        | 1.00E-07        | 1.00E-07        | 1.20E-07        | 1.20E-07        | 2.90E-08        | 2.90E-08        | 2.89E-08        |
| PLE   | NO              |
| <b>Indicator value</b>  | <b>9.69E-08</b> | <b>9.69E-08</b> | <b>9.68E-08</b> | <b>1.17E-07</b> | <b>1.17E-07</b> | <b>2.60E-08</b> | <b>2.70E-08</b> | <b>2.70E-08</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, High Pressure Injection System



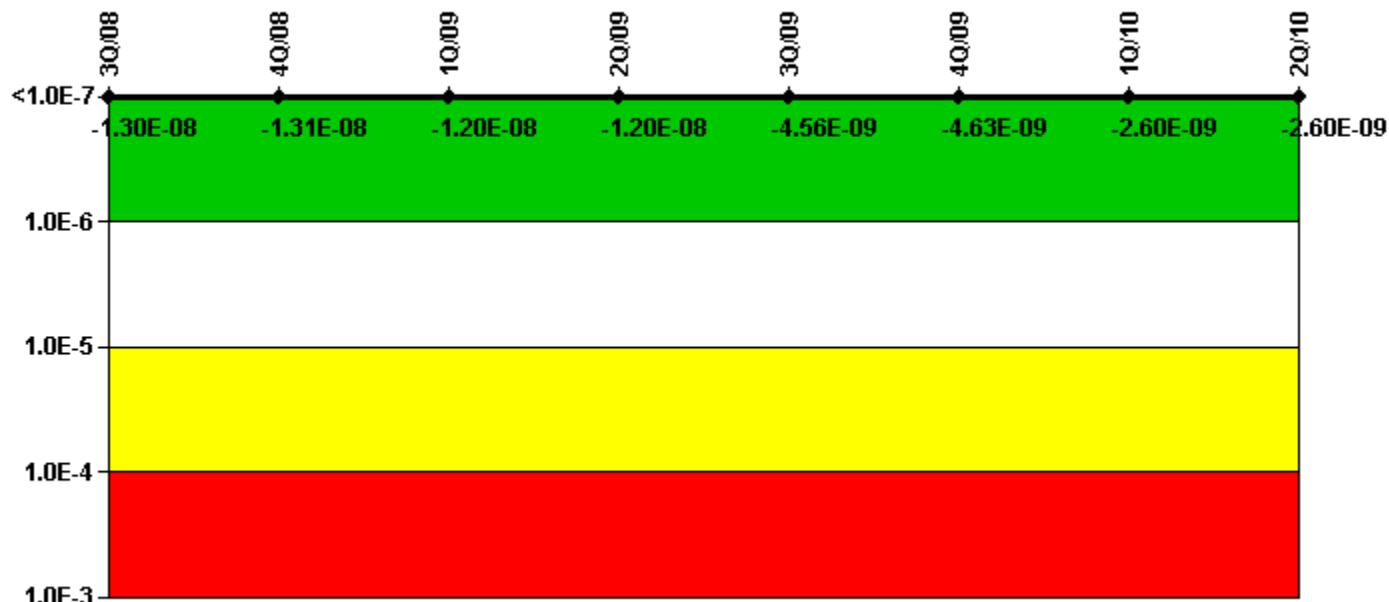
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 3Q/08            | 4Q/08            | 1Q/09            | 2Q/09            | 3Q/09            | 4Q/09            | 1Q/10           | 2Q/10           |
|--|------------------|------------------|------------------|------------------|------------------|------------------|-----------------|-----------------|
| UAI ( $\Delta$ CDF)  | -2.80E-09        | -6.40E-10        | -7.00E-10        | -6.90E-10        | -6.90E-10        | -6.90E-10        | 2.01E-09        | 2.01E-09        |
| URI ( $\Delta$ CDF)  | -2.20E-08        | -3.90E-09        | -2.20E-09        | -2.80E-09        | -3.30E-09        | -3.40E-09        | 8.12E-08        | 8.12E-08        |
| PLE  | NO               | NO               | NO               | NO               | NO               | NO               | NO              | NO              |
| Indicator value  | <b>-2.48E-08</b> | <b>-4.54E-09</b> | <b>-2.90E-09</b> | <b>-3.49E-09</b> | <b>-3.99E-09</b> | <b>-4.09E-09</b> | <b>8.30E-08</b> | <b>8.30E-08</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, Heat Removal System



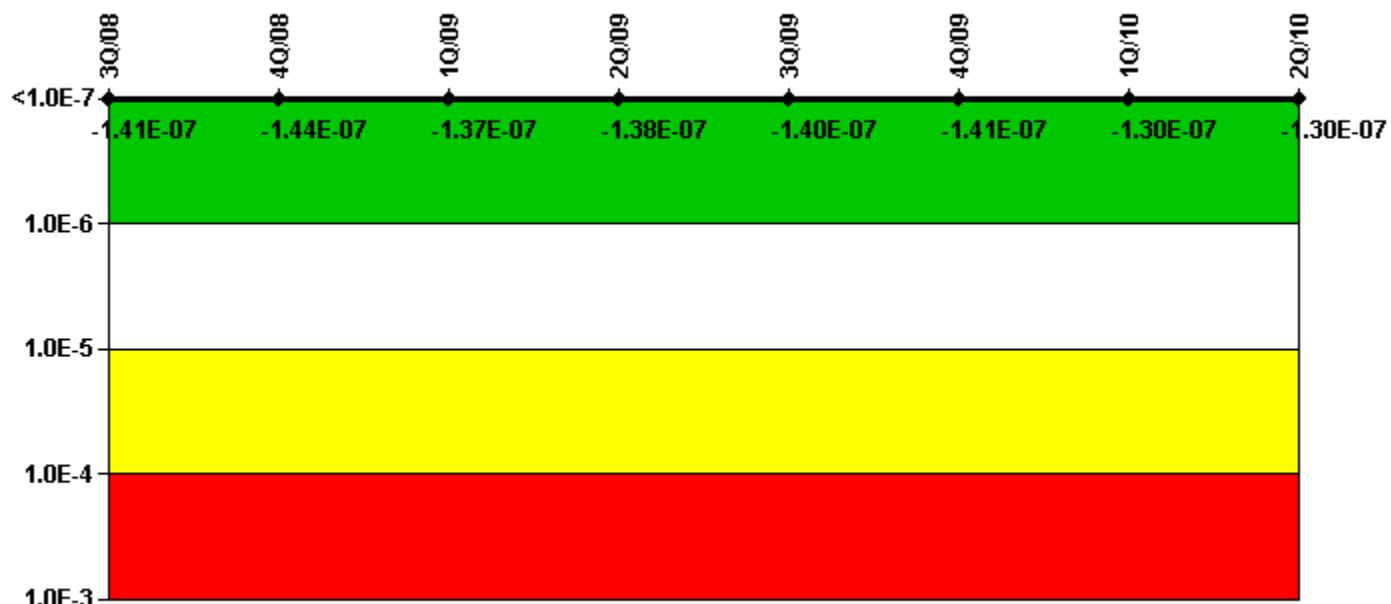
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Heat Removal System | 3Q/08            | 4Q/08            | 1Q/09            | 2Q/09            | 3Q/09            | 4Q/09            | 1Q/10            | 2Q/10            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)                                       | -5.40E-09        | -5.40E-09        | -5.40E-09        | -5.40E-09        | -4.50E-09        | -4.50E-09        | -2.39E-09        | -2.39E-09        |
| URI ( $\Delta$ CDF)                                       | -7.60E-09        | -7.70E-09        | -6.60E-09        | -6.60E-09        | -5.60E-11        | -1.30E-10        | -1.95E-10        | -2.00E-10        |
| PLE   | NO               |
| Indicator value   | <b>-1.30E-08</b> | <b>-1.31E-08</b> | <b>-1.20E-08</b> | <b>-1.20E-08</b> | <b>-4.56E-09</b> | <b>-4.63E-09</b> | <b>-2.60E-09</b> | <b>-2.60E-09</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, Residual Heat Removal System



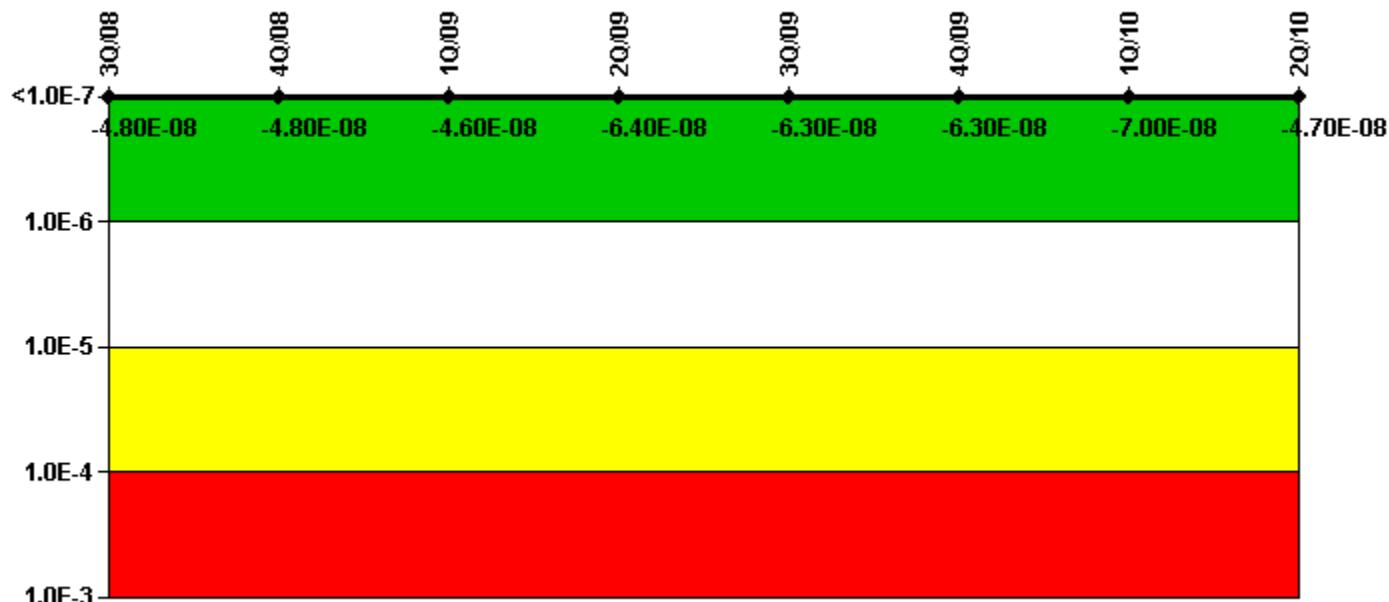
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 3Q/08            | 4Q/08            | 1Q/09            | 2Q/09            | 3Q/09            | 4Q/09            | 1Q/10            | 2Q/10            |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)  | -5.60E-08        | -5.80E-08        | -5.80E-08        | -5.80E-08        | -5.80E-08        | -5.80E-08        | -4.99E-08        | -4.99E-08        |
| URI ( $\Delta$ CDF)  | -8.50E-08        | -8.60E-08        | -7.90E-08        | -8.00E-08        | -8.20E-08        | -8.30E-08        | -8.44E-08        | -8.44E-08        |
| PLE  | NO               |
| Indicator value  | <b>-1.41E-07</b> | <b>-1.44E-07</b> | <b>-1.37E-07</b> | <b>-1.38E-07</b> | <b>-1.40E-07</b> | <b>-1.41E-07</b> | <b>-1.30E-07</b> | <b>-1.30E-07</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, Cooling Water Systems



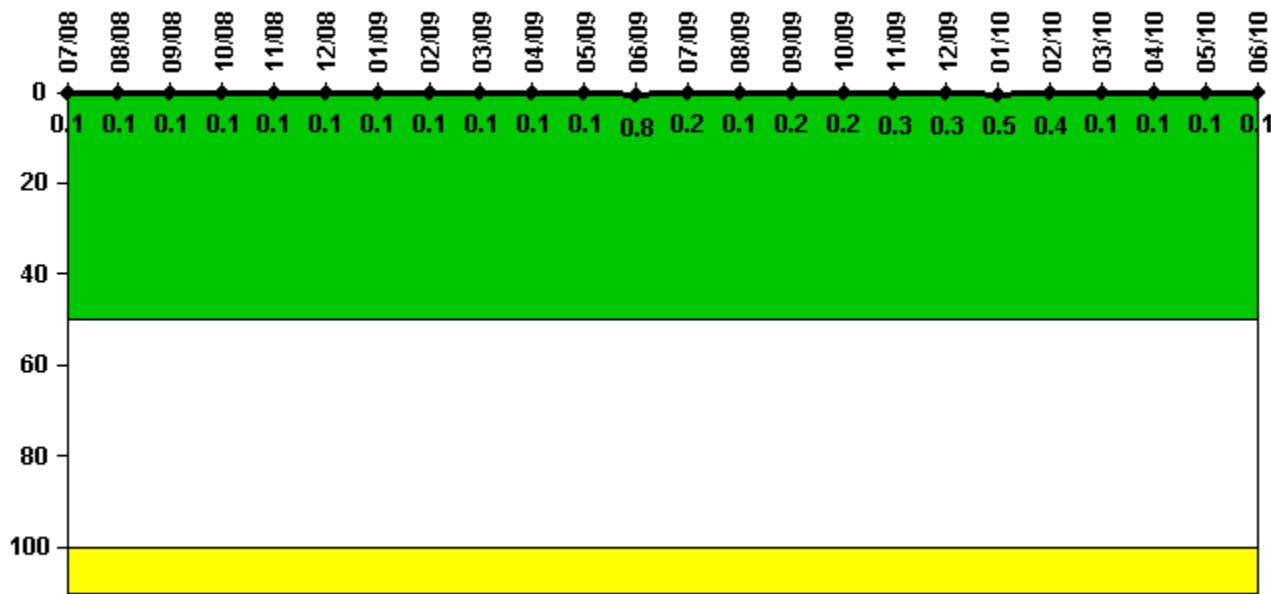
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 3Q/08            | 4Q/08            | 1Q/09            | 2Q/09            | 3Q/09            | 4Q/09            | 1Q/10            | 2Q/10            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)   | 6.20E-08         | 6.20E-08         | 6.40E-08         | 4.60E-08         | 4.70E-08         | 4.70E-08         | 3.40E-08         | 5.71E-08         |
| URI ( $\Delta$ CDF)   | -1.10E-07        | -1.10E-07        | -1.10E-07        | -1.10E-07        | -1.10E-07        | -1.10E-07        | -1.04E-07        | -1.04E-07        |
| PLE   | NO               |
| <b>Indicator value</b>                                      | <b>-4.80E-08</b> | <b>-4.80E-08</b> | <b>-4.60E-08</b> | <b>-6.40E-08</b> | <b>-6.30E-08</b> | <b>-6.30E-08</b> | <b>-7.00E-08</b> | <b>-4.70E-08</b> |

Licensee Comments: none

## Reactor Coolant System Activity



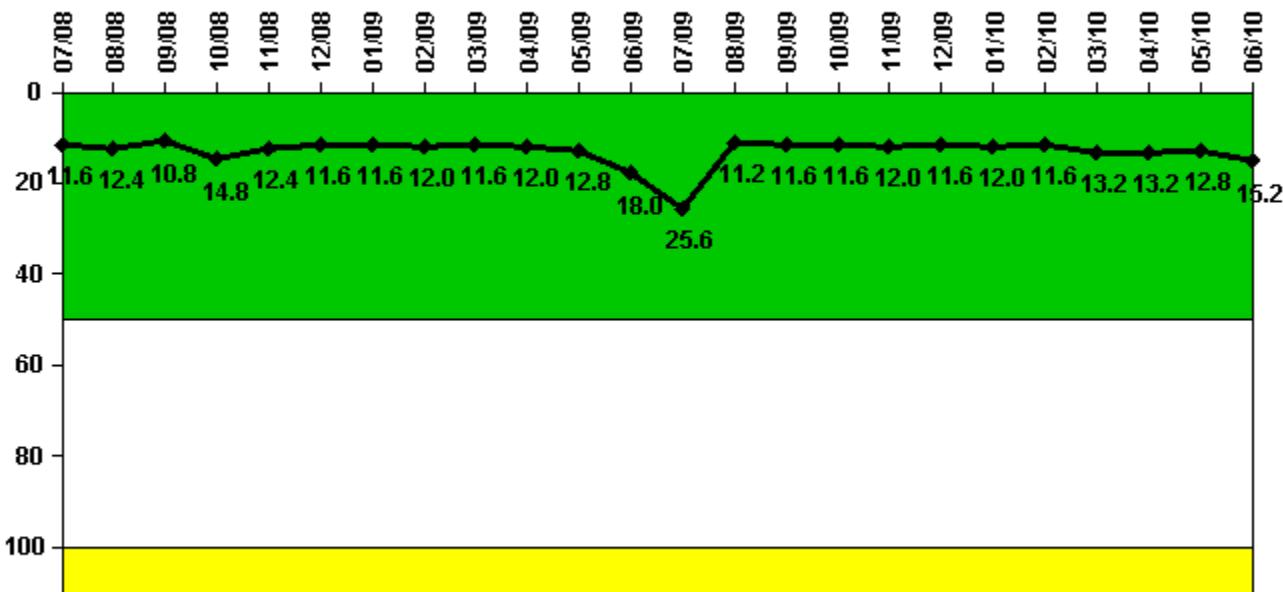
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Activity | 7/08     | 8/08     | 9/08     | 10/08    | 11/08    | 12/08    | 1/09     | 2/09     | 3/09     | 4/09     | 5/09     | 6/09     |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity                | 0.000253 | 0.000257 | 0.000280 | 0.000214 | 0.000219 | 0.000231 | 0.000218 | 0.000259 | 0.000213 | 0.000199 | 0.000200 | 0.001510 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.8      |
| Reactor Coolant System Activity | 7/09     | 8/09     | 9/09     | 10/09    | 11/09    | 12/09    | 1/10     | 2/10     | 3/10     | 4/10     | 5/10     | 6/10     |
| Maximum activity                | 0.000446 | 0.000257 | 0.000426 | 0.000451 | 0.000584 | 0.000669 | 0.000934 | 0.000745 | 0.000236 | 0.000244 | 0.000253 | 0.000276 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0.2      | 0.1      | 0.2      | 0.2      | 0.3      | 0.3      | 0.5      | 0.4      | 0.1      | 0.1      | 0.1      | 0.1      |

Licensee Comments: none

## Reactor Coolant System Leakage



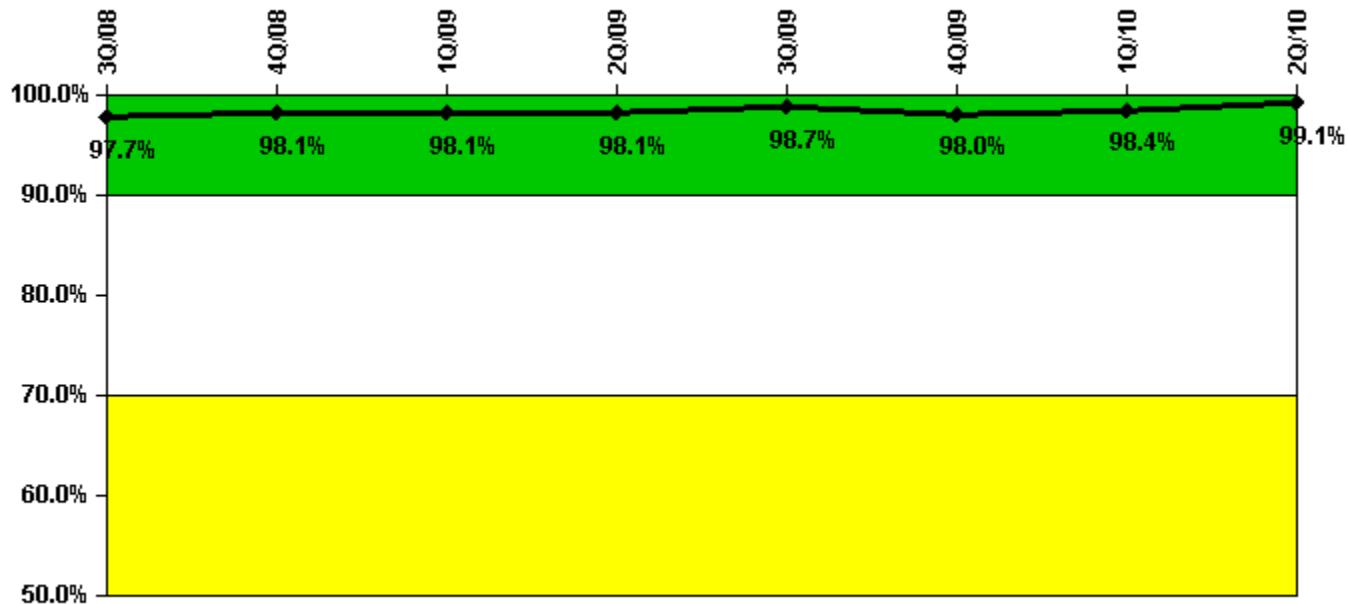
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Leakage | 7/08        | 8/08        | 9/08        | 10/08       | 11/08       | 12/08       | 1/09        | 2/09        | 3/09        | 4/09        | 5/09        | 6/09        |
|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Maximum leakage                | 2.900       | 3.100       | 2.700       | 3.700       | 3.100       | 2.900       | 2.900       | 3.000       | 2.900       | 3.000       | 3.200       | 4.500       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| <b>Indicator value</b>         | <b>11.6</b> | <b>12.4</b> | <b>10.8</b> | <b>14.8</b> | <b>12.4</b> | <b>11.6</b> | <b>11.6</b> | <b>12.0</b> | <b>11.6</b> | <b>12.0</b> | <b>12.8</b> | <b>18.0</b> |
| Reactor Coolant System Leakage | 7/09        | 8/09        | 9/09        | 10/09       | 11/09       | 12/09       | 1/10        | 2/10        | 3/10        | 4/10        | 5/10        | 6/10        |
| Maximum leakage                | 6.400       | 2.800       | 2.900       | 2.900       | 3.000       | 2.900       | 3.000       | 2.900       | 3.300       | 3.300       | 3.200       | 3.800       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| <b>Indicator value</b>         | <b>25.6</b> | <b>11.2</b> | <b>11.6</b> | <b>11.6</b> | <b>12.0</b> | <b>11.6</b> | <b>12.0</b> | <b>11.6</b> | <b>13.2</b> | <b>13.2</b> | <b>12.8</b> | <b>15.2</b> |

Licensee Comments: none

## Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

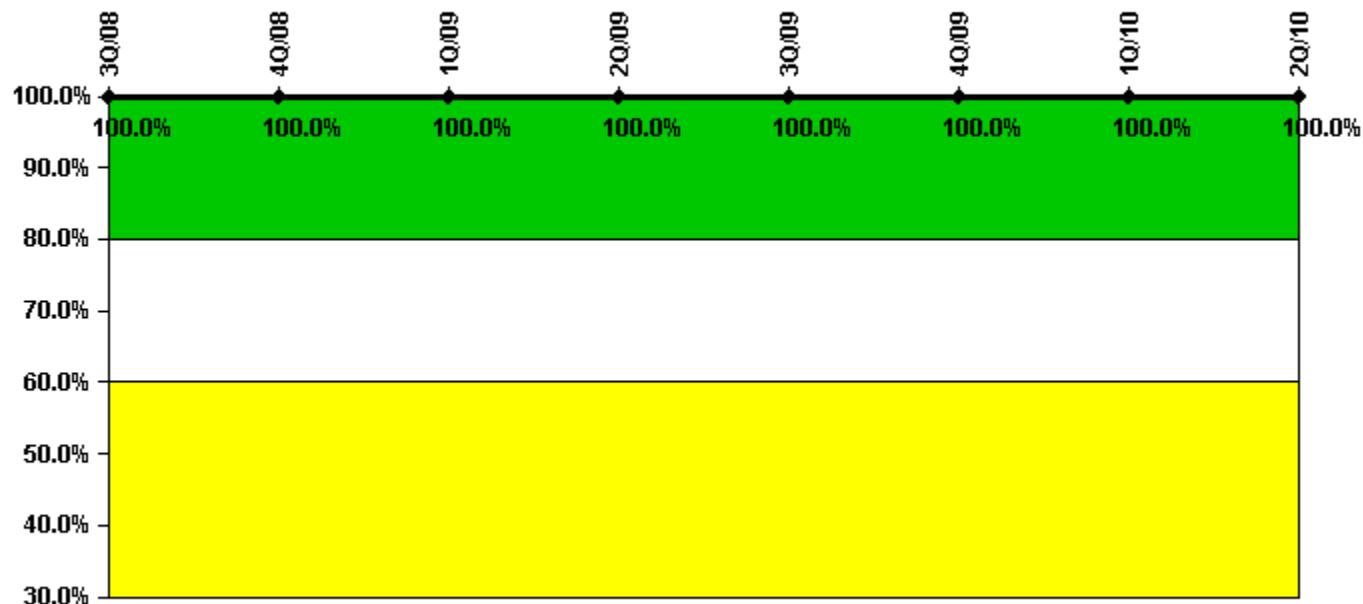
### Notes

| Drill/Exercise Performance | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities   | 36.0  | 50.0  | 20.0  | 44.0  | 48.0  | 44.0  | 20.0  | 55.0  |
| Total opportunities        | 36.0  | 50.0  | 20.0  | 44.0  | 48.0  | 46.0  | 20.0  | 56.0  |
| Indicator value            | 97.7% | 98.1% | 98.1% | 98.1% | 98.7% | 98.0% | 98.4% | 99.1% |

Licensee Comments: none

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## ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

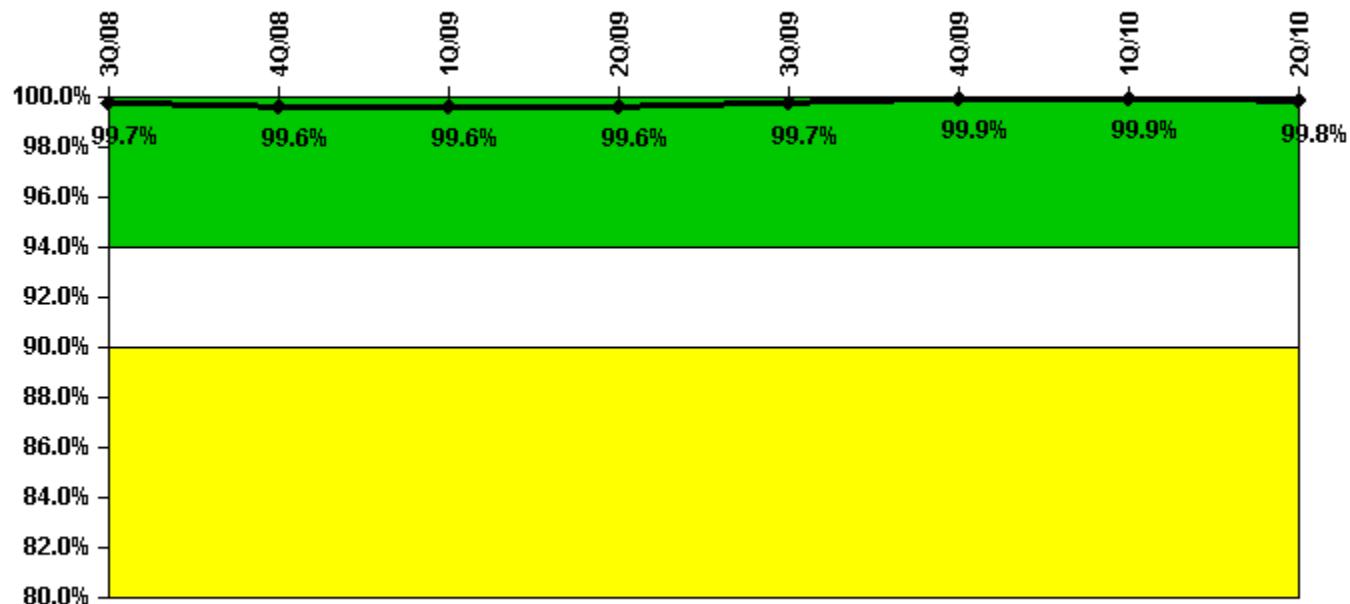
### Notes

| ERO Drill Participation     | 3Q/08         | 4Q/08         | 1Q/09         | 2Q/09         | 3Q/09         | 4Q/09         | 1Q/10         | 2Q/10         |
|-----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Participating Key personnel | 67.0          | 68.0          | 65.0          | 66.0          | 68.0          | 68.0          | 70.0          | 77.0          |
| Total Key personnel         | 67.0          | 68.0          | 65.0          | 66.0          | 68.0          | 68.0          | 70.0          | 77.0          |
| <b>Indicator value</b>      | <b>100.0%</b> |

Licensee Comments: none

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## Alert & Notification System



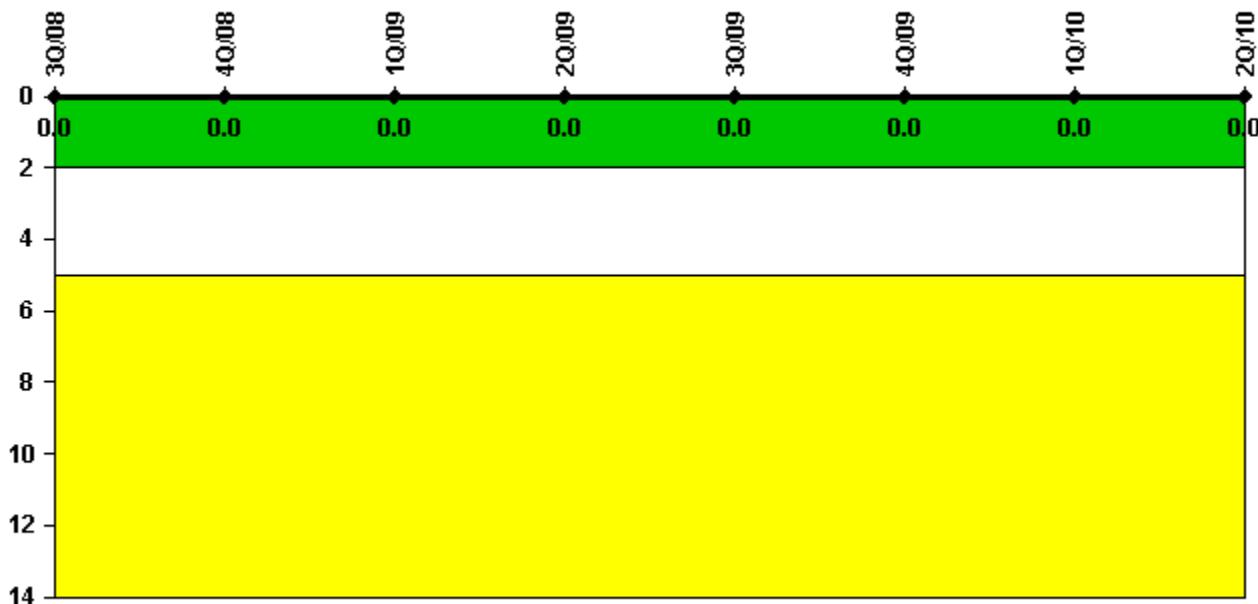
Thresholds: White < 94.0% Yellow < 90.0%

### Notes

| Alert & Notification System | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests      | 3235  | 3169  | 3144  | 3199  | 3246  | 3198  | 2139  | 2167  |
| Total sirens-tests          | 3246  | 3200  | 3150  | 3200  | 3250  | 3200  | 2142  | 2176  |
| Indicator value             | 99.7% | 99.6% | 99.6% | 99.6% | 99.7% | 99.9% | 99.9% | 99.8% |

Licensee Comments: none

## Occupational Exposure Control Effectiveness



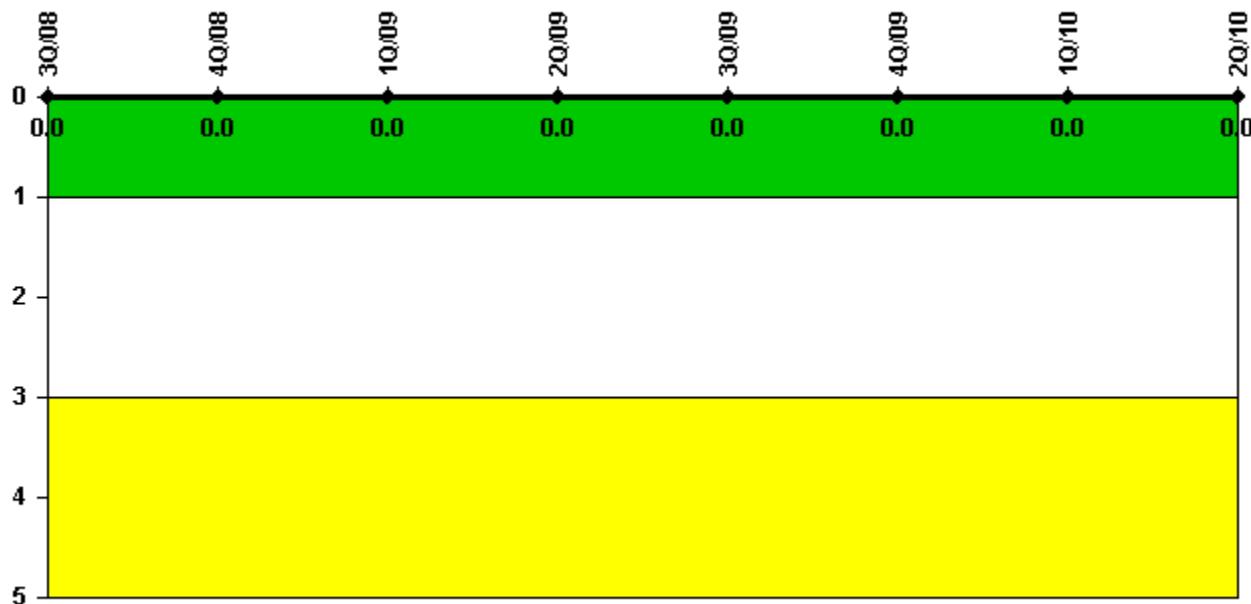
Thresholds: White > 2.0 Yellow > 5.0

### Notes

| Occupational Exposure Control Effectiveness | 3Q/08    | 4Q/08    | 1Q/09    | 2Q/09    | 3Q/09    | 4Q/09    | 1Q/10    | 2Q/10    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>0</b> |

Licensee Comments: none

## RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

### Notes

| RETS/ODCM Radiological Effluent | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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Security information not publicly available.

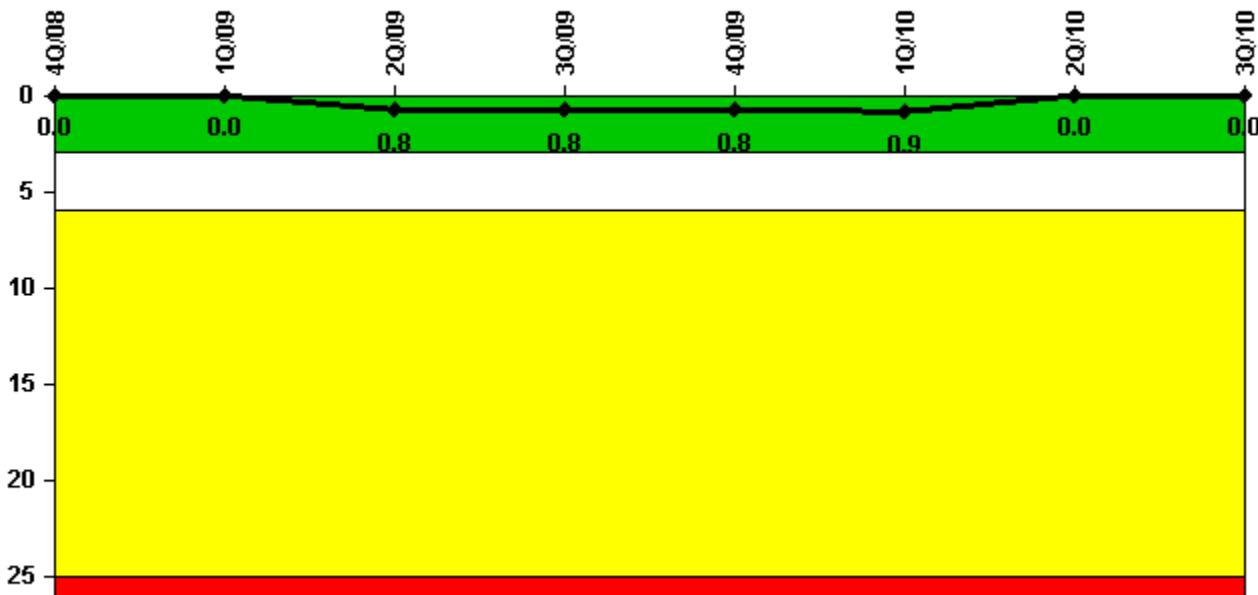
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# La Salle 1

## 3Q/2010 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



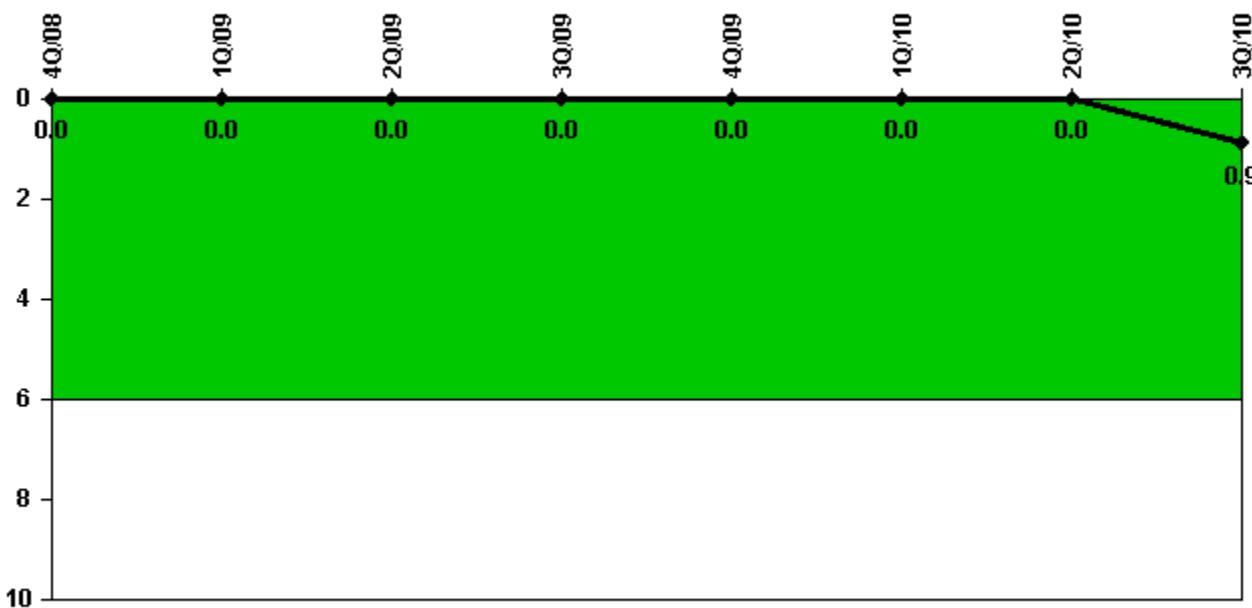
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

| Unplanned Scrams per 7000 Critical Hrs | 4Q/08  | 1Q/09  | 2Q/09  | 3Q/09  | 4Q/09  | 1Q/10  | 2Q/10  | 3Q/10  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 0      | 1.0    | 0      | 0      | 0      | 0      | 0      |
| Critical hours                         | 2198.5 | 2159.0 | 2142.3 | 2146.0 | 2209.0 | 1550.2 | 2184.0 | 2208.0 |
| Indicator value                        | 0      | 0      | 0.8    | 0.8    | 0.8    | 0.9    | 0      | 0      |

Licensee Comments: none

## Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

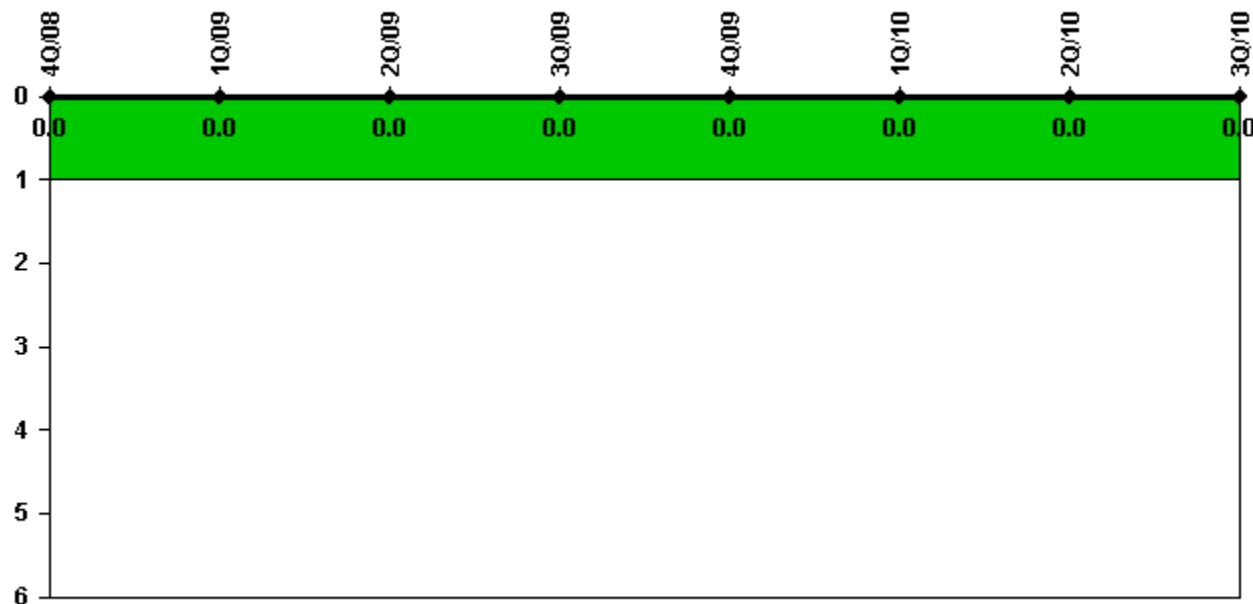
### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 4Q/08    | 1Q/09    | 2Q/09    | 3Q/09    | 4Q/09    | 1Q/10    | 2Q/10    | 3Q/10      |
|---|----------|----------|----------|----------|----------|----------|----------|------------|
| Unplanned power changes                       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1.0        |
| Critical hours                                | 2198.5   | 2159.0   | 2142.3   | 2146.0   | 2209.0   | 1550.2   | 2184.0   | 2208.0     |
| Indicator value                               | <b>0</b> | <b>0.9</b> |

Licensee Comments:

3Q/10: An internal review identified that LaSalle inadvertently reported a Unit 1 downpower that occurred in January 2010 as an unplanned power change per 7000 critical hours. More than 72 hours elapsed between the time of discovery of the condition and a change in power. This discrepancy has been entered into the corrective action program, and the number of unplanned power changes per 7000 critical hours on Unit 1 for January 2010 has been changed from 1 to 0. The indicator color was not impacted, and remains GREEN.

## Unplanned Scrams with Complications



Thresholds: White > 1.0

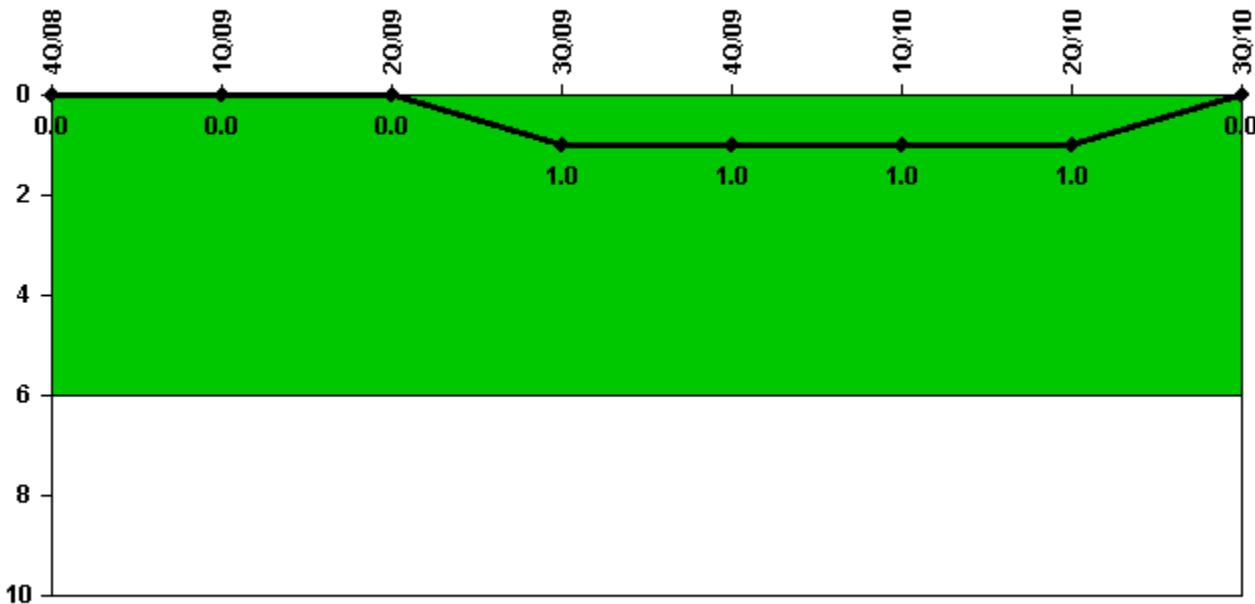
### Notes

| Unplanned Scrams with Complications | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 |
|-------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams with complications           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
|                                     |       |       |       |       |       |       |       |       |
|                                     |       |       |       |       |       |       |       |       |
| Indicator value                     | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

Licensee Comments: none

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## Safety System Functional Failures (BWR)



Thresholds: White > 6.0

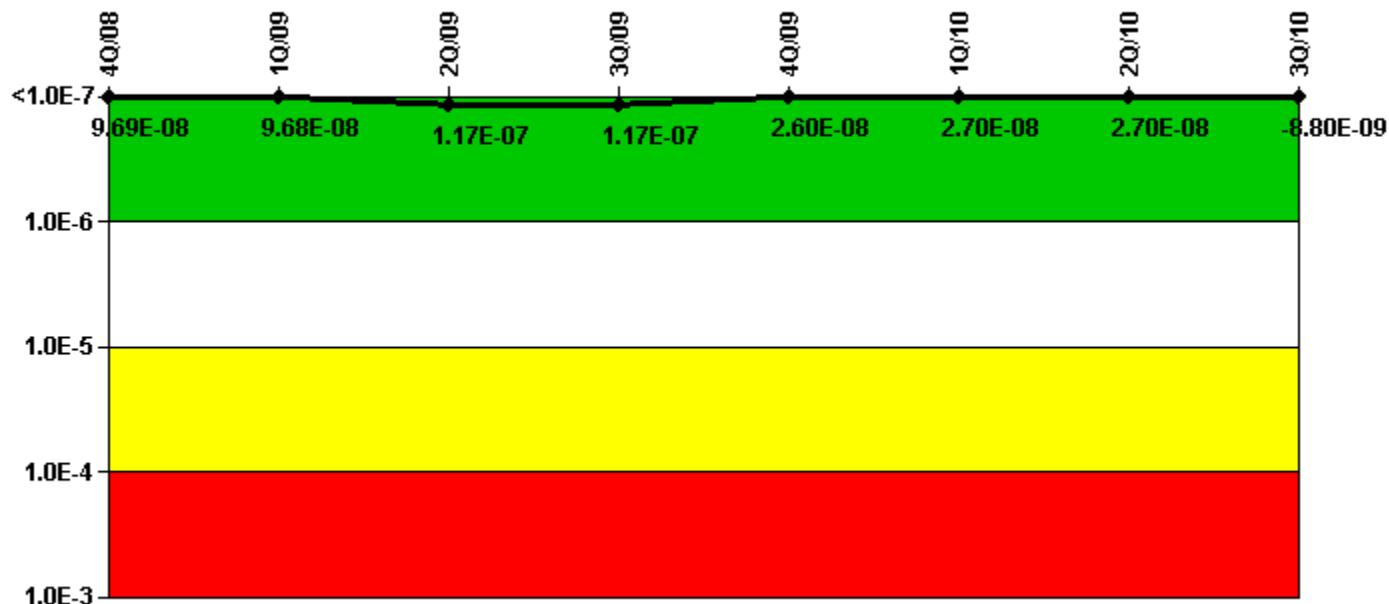
### Notes

| Safety System Functional Failures (BWR) | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures       | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
| Indicator value                         | 0     | 0     | 0     | 1     | 1     | 1     | 1     | 0     |

Licensee Comments: none

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## Mitigating Systems Performance Index, Emergency AC Power System



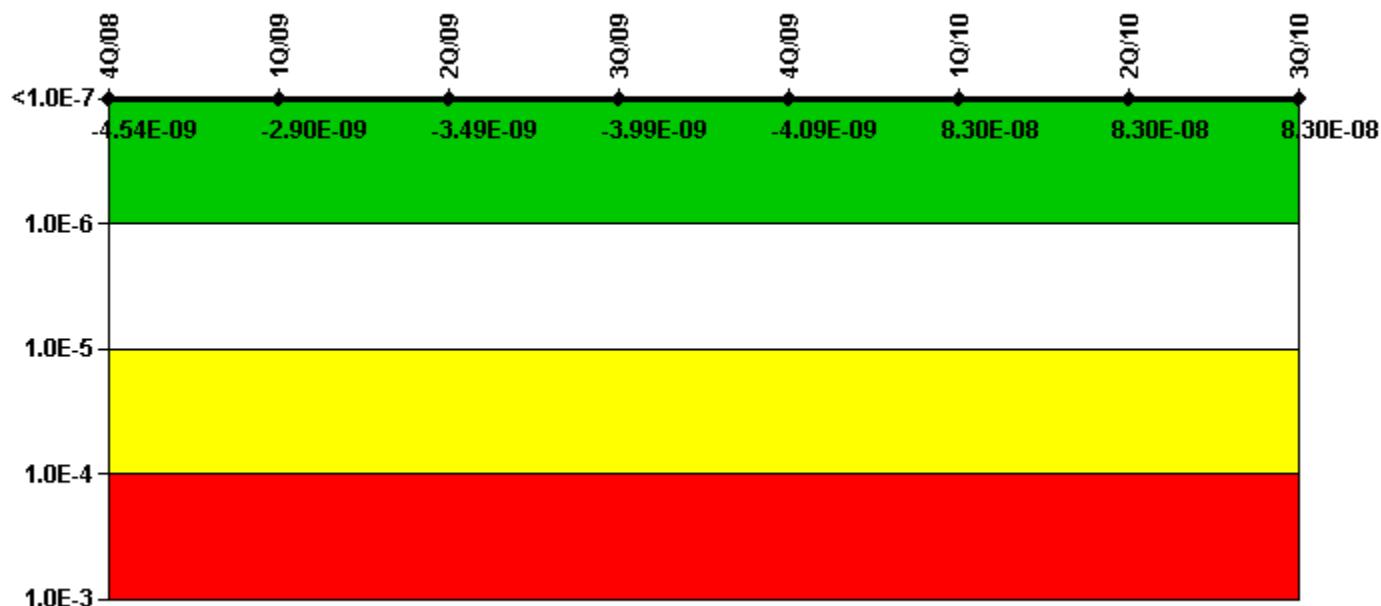
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 4Q/08           | 1Q/09           | 2Q/09           | 3Q/09           | 4Q/09           | 1Q/10           | 2Q/10           | 3Q/10            |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|
| UAI ( $\Delta$ CDF)   | -3.10E-09       | -3.20E-09       | -3.00E-09       | -3.00E-09       | -3.00E-09       | -2.18E-09       | -2.18E-09       | -3.99E-09        |
| URI ( $\Delta$ CDF)   | 1.00E-07        | 1.00E-07        | 1.20E-07        | 1.20E-07        | 2.90E-08        | 2.90E-08        | 2.89E-08        | -4.81E-09        |
| PLE   | NO               |
| Indicator value   | <b>9.69E-08</b> | <b>9.68E-08</b> | <b>1.17E-07</b> | <b>1.17E-07</b> | <b>2.60E-08</b> | <b>2.70E-08</b> | <b>2.70E-08</b> | <b>-8.80E-09</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, High Pressure Injection System



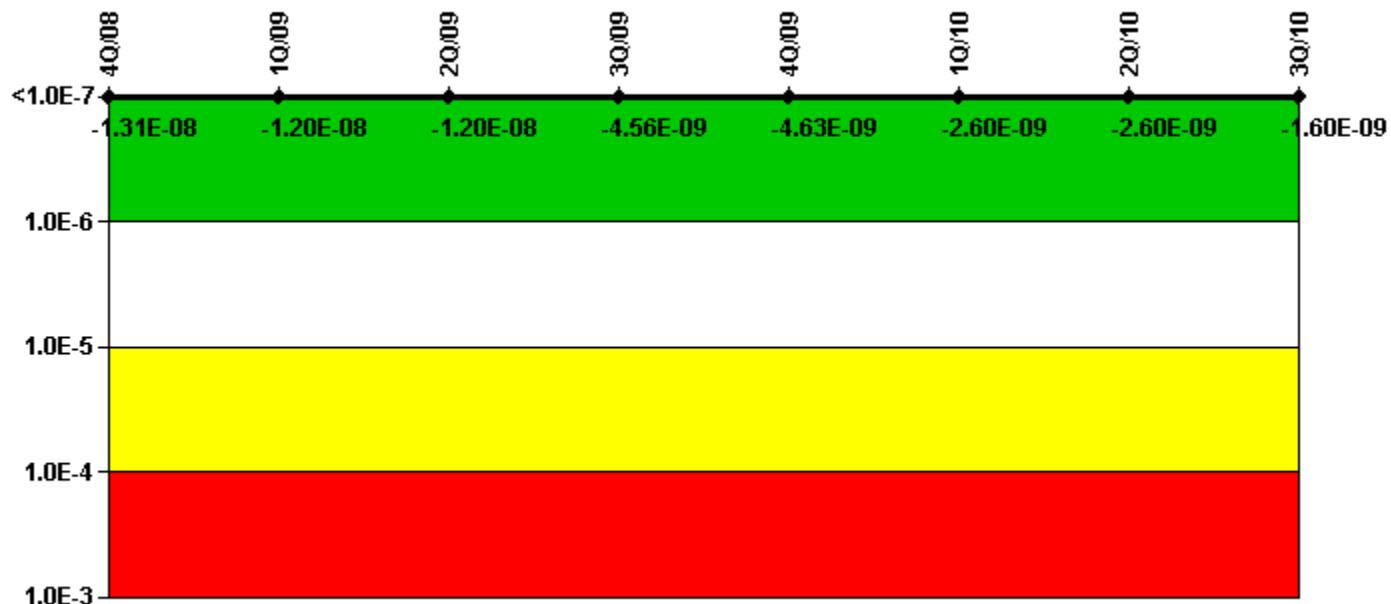
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 4Q/08            | 1Q/09            | 2Q/09            | 3Q/09            | 4Q/09            | 1Q/10           | 2Q/10           | 3Q/10           |
|--|------------------|------------------|------------------|------------------|------------------|-----------------|-----------------|-----------------|
| UAI ( $\Delta$ CDF)  | -6.40E-10        | -7.00E-10        | -6.90E-10        | -6.90E-10        | -6.90E-10        | 2.01E-09        | 2.01E-09        | 2.01E-09        |
| URI ( $\Delta$ CDF)  | -3.90E-09        | -2.20E-09        | -2.80E-09        | -3.30E-09        | -3.40E-09        | 8.12E-08        | 8.12E-08        | 8.12E-08        |
| PLE  | NO               | NO               | NO               | NO               | NO               | NO              | NO              | NO              |
| Indicator value  | <b>-4.54E-09</b> | <b>-2.90E-09</b> | <b>-3.49E-09</b> | <b>-3.99E-09</b> | <b>-4.09E-09</b> | <b>8.30E-08</b> | <b>8.30E-08</b> | <b>8.30E-08</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, Heat Removal System



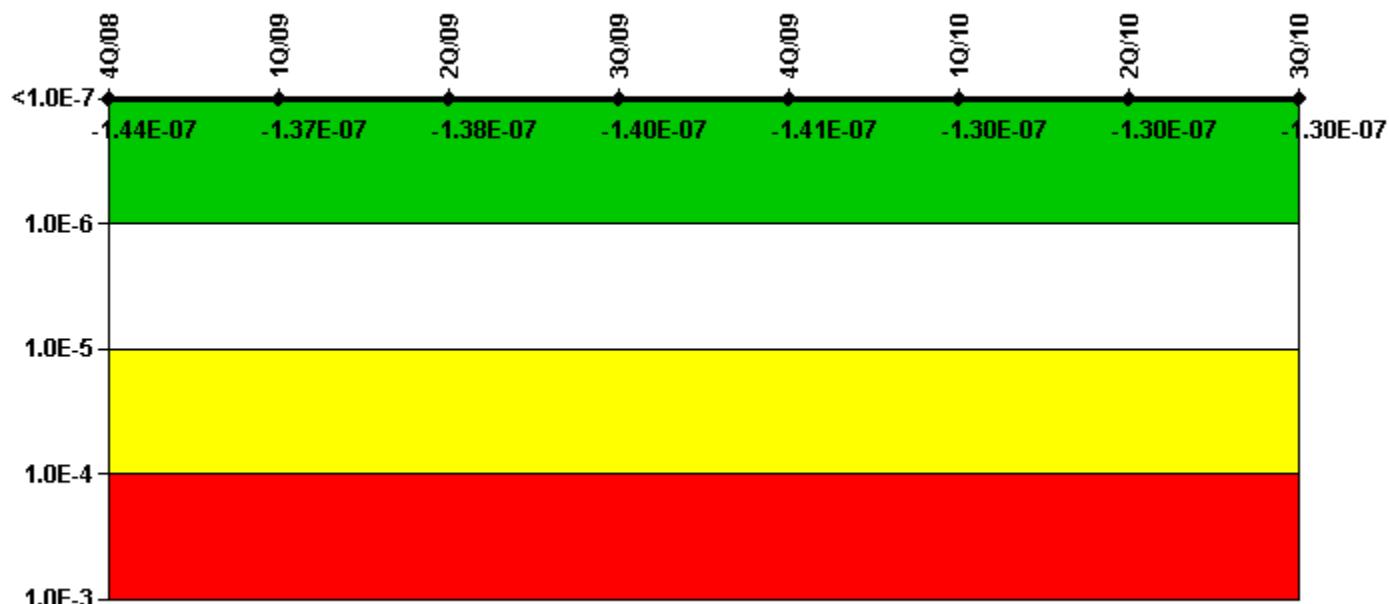
Thresholds: White >  $1.00E-6$  Yellow >  $1.00E-5$  Red >  $1.00E-4$

### Notes

| Mitigating Systems Performance Index, Heat Removal System | 4Q/08       | 1Q/09       | 2Q/09       | 3Q/09       | 4Q/09       | 1Q/10       | 2Q/10       | 3Q/10       |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| UAI ( $\Delta$ CDF)                                       | $-5.40E-09$ | $-5.40E-09$ | $-5.40E-09$ | $-4.50E-09$ | $-4.50E-09$ | $-2.39E-09$ | $-2.39E-09$ | $-1.40E-09$ |
| URI ( $\Delta$ CDF)                                       | $-7.70E-09$ | $-6.60E-09$ | $-6.60E-09$ | $-5.60E-11$ | $-1.30E-10$ | $-1.95E-10$ | $-2.00E-10$ | $-2.03E-10$ |
| PLE   | NO          |
| Indicator value   | $-1.31E-08$ | $-1.20E-08$ | $-1.20E-08$ | $-4.56E-09$ | $-4.63E-09$ | $-2.60E-09$ | $-2.60E-09$ | $-1.60E-09$ |

Licensee Comments: none

## Mitigating Systems Performance Index, Residual Heat Removal System



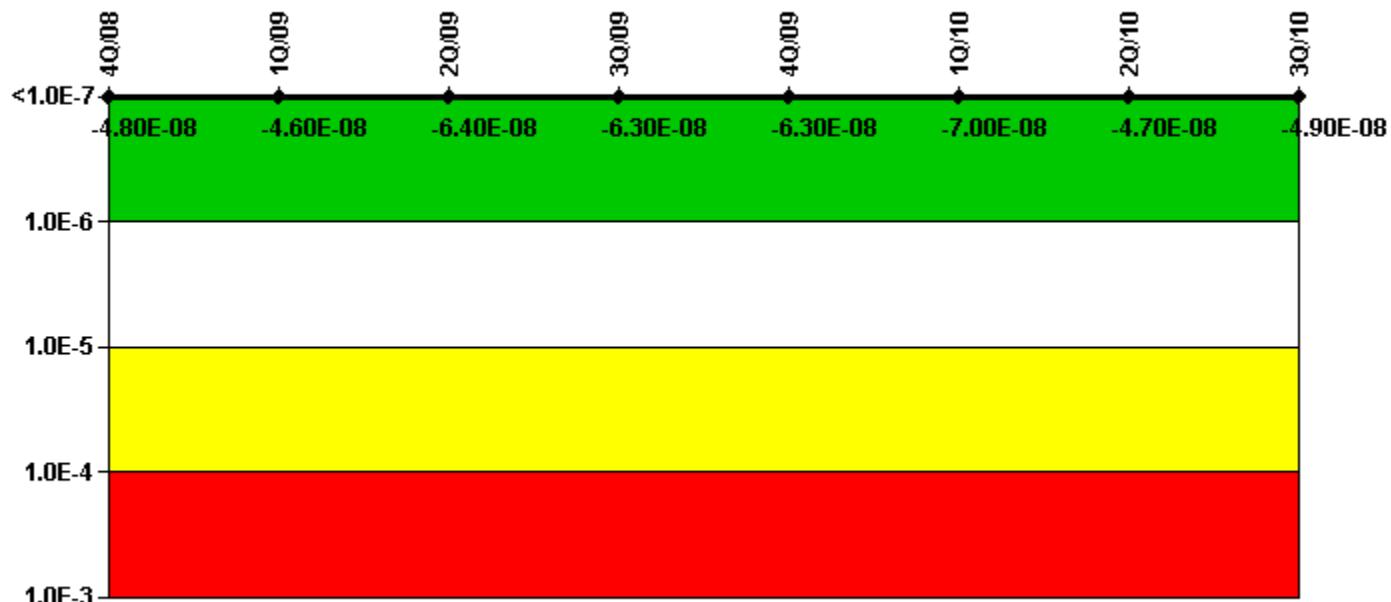
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 4Q/08            | 1Q/09            | 2Q/09            | 3Q/09            | 4Q/09            | 1Q/10            | 2Q/10            | 3Q/10            |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)  | -5.80E-08        | -5.80E-08        | -5.80E-08        | -5.80E-08        | -5.80E-08        | -4.99E-08        | -4.99E-08        | -4.99E-08        |
| URI ( $\Delta$ CDF)  | -8.60E-08        | -7.90E-08        | -8.00E-08        | -8.20E-08        | -8.30E-08        | -8.44E-08        | -8.44E-08        | -8.44E-08        |
| PLE  | NO               |
| Indicator value  | <b>-1.44E-07</b> | <b>-1.37E-07</b> | <b>-1.38E-07</b> | <b>-1.40E-07</b> | <b>-1.41E-07</b> | <b>-1.30E-07</b> | <b>-1.30E-07</b> | <b>-1.30E-07</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, Cooling Water Systems



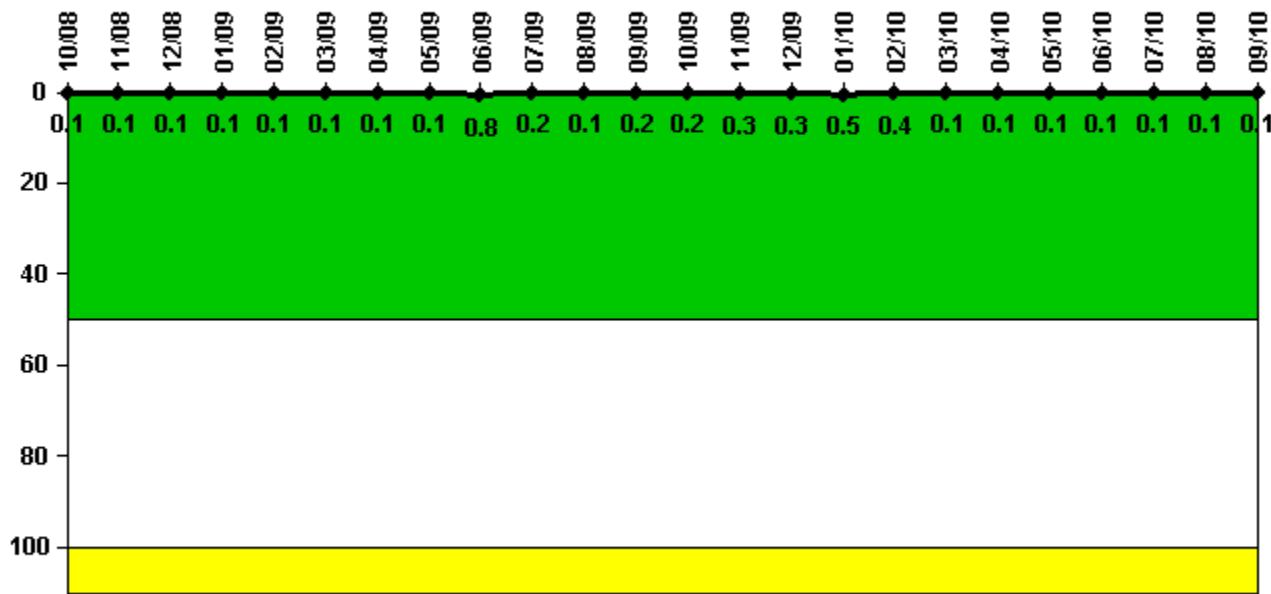
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 4Q/08            | 1Q/09            | 2Q/09            | 3Q/09            | 4Q/09            | 1Q/10            | 2Q/10            | 3Q/10            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)   | 6.20E-08         | 6.40E-08         | 4.60E-08         | 4.70E-08         | 4.70E-08         | 3.40E-08         | 5.71E-08         | 5.50E-08         |
| URI ( $\Delta$ CDF)   | -1.10E-07        | -1.10E-07        | -1.10E-07        | -1.10E-07        | -1.10E-07        | -1.04E-07        | -1.04E-07        | -1.04E-07        |
| PLE   | NO               |
| <b>Indicator value</b>                                      | <b>-4.80E-08</b> | <b>-4.60E-08</b> | <b>-6.40E-08</b> | <b>-6.30E-08</b> | <b>-6.30E-08</b> | <b>-7.00E-08</b> | <b>-4.70E-08</b> | <b>-4.90E-08</b> |

Licensee Comments: none

## Reactor Coolant System Activity



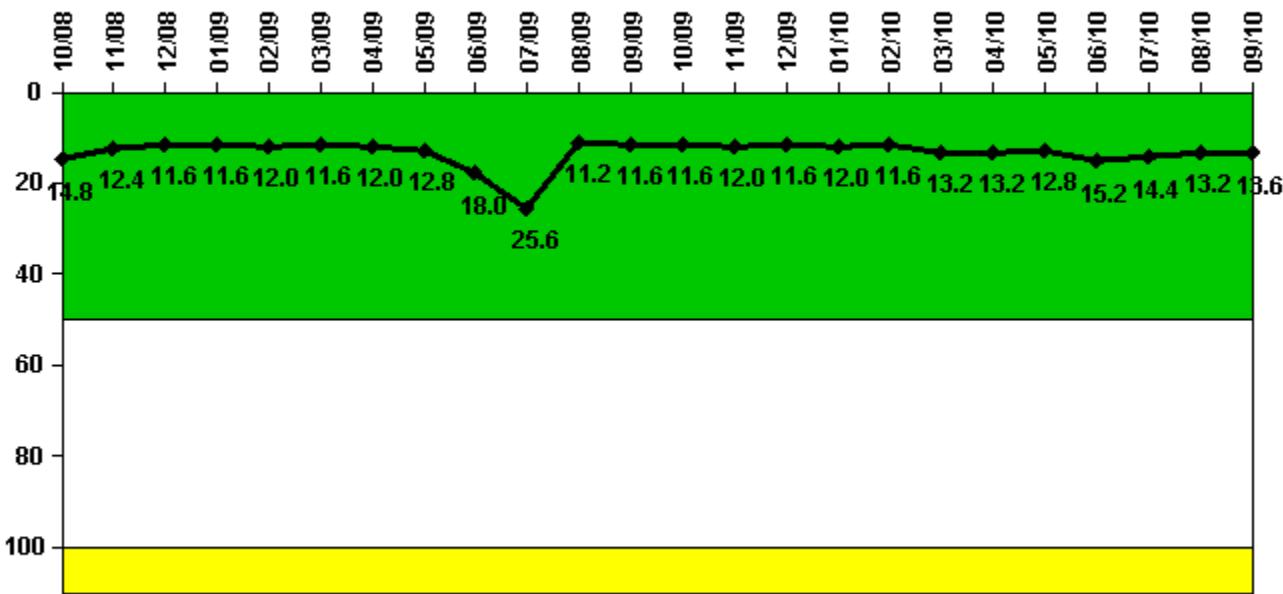
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Activity | 10/08    | 11/08    | 12/08    | 1/09     | 2/09     | 3/09     | 4/09     | 5/09     | 6/09     | 7/09     | 8/09     | 9/09     |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity                | 0.000214 | 0.000219 | 0.000231 | 0.000218 | 0.000259 | 0.000213 | 0.000199 | 0.000200 | 0.001510 | 0.000446 | 0.000257 | 0.000426 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.8      | 0.2      | 0.1      | 0.2      |
| Reactor Coolant System Activity | 10/09    | 11/09    | 12/09    | 1/10     | 2/10     | 3/10     | 4/10     | 5/10     | 6/10     | 7/10     | 8/10     | 9/10     |
| Maximum activity                | 0.000451 | 0.000584 | 0.000669 | 0.000934 | 0.000745 | 0.000236 | 0.000244 | 0.000253 | 0.000276 | 0.000279 | 0.000279 | 0.000275 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0.2      | 0.3      | 0.3      | 0.5      | 0.4      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      |

Licensee Comments: none

## Reactor Coolant System Leakage



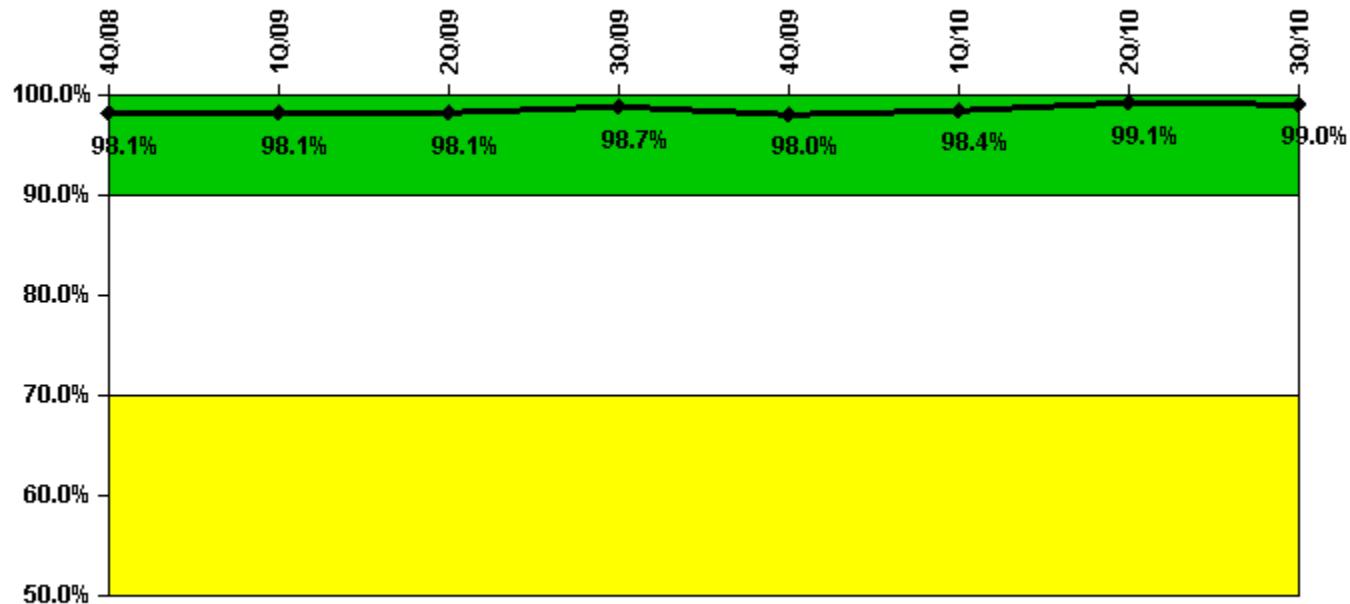
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Leakage | 10/08       | 11/08       | 12/08       | 1/09        | 2/09        | 3/09        | 4/09        | 5/09        | 6/09        | 7/09        | 8/09        | 9/09        |
|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Maximum leakage                | 3.700       | 3.100       | 2.900       | 2.900       | 3.000       | 2.900       | 3.000       | 3.200       | 4.500       | 6.400       | 2.800       | 2.900       |
| Indicator value                | <b>14.8</b> | <b>12.4</b> | <b>11.6</b> | <b>11.6</b> | <b>12.0</b> | <b>11.6</b> | <b>12.0</b> | <b>12.8</b> | <b>18.0</b> | <b>25.6</b> | <b>11.2</b> | <b>11.6</b> |
| Reactor Coolant System Leakage | 10/09       | 11/09       | 12/09       | 1/10        | 2/10        | 3/10        | 4/10        | 5/10        | 6/10        | 7/10        | 8/10        | 9/10        |
| Maximum leakage                | 2.900       | 3.000       | 2.900       | 3.000       | 2.900       | 3.300       | 3.300       | 3.200       | 3.800       | 3.600       | 3.300       | 3.400       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| Indicator value                | <b>11.6</b> | <b>12.0</b> | <b>11.6</b> | <b>12.0</b> | <b>11.6</b> | <b>13.2</b> | <b>13.2</b> | <b>12.8</b> | <b>15.2</b> | <b>14.4</b> | <b>13.2</b> | <b>13.6</b> |

Licensee Comments: none

## Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

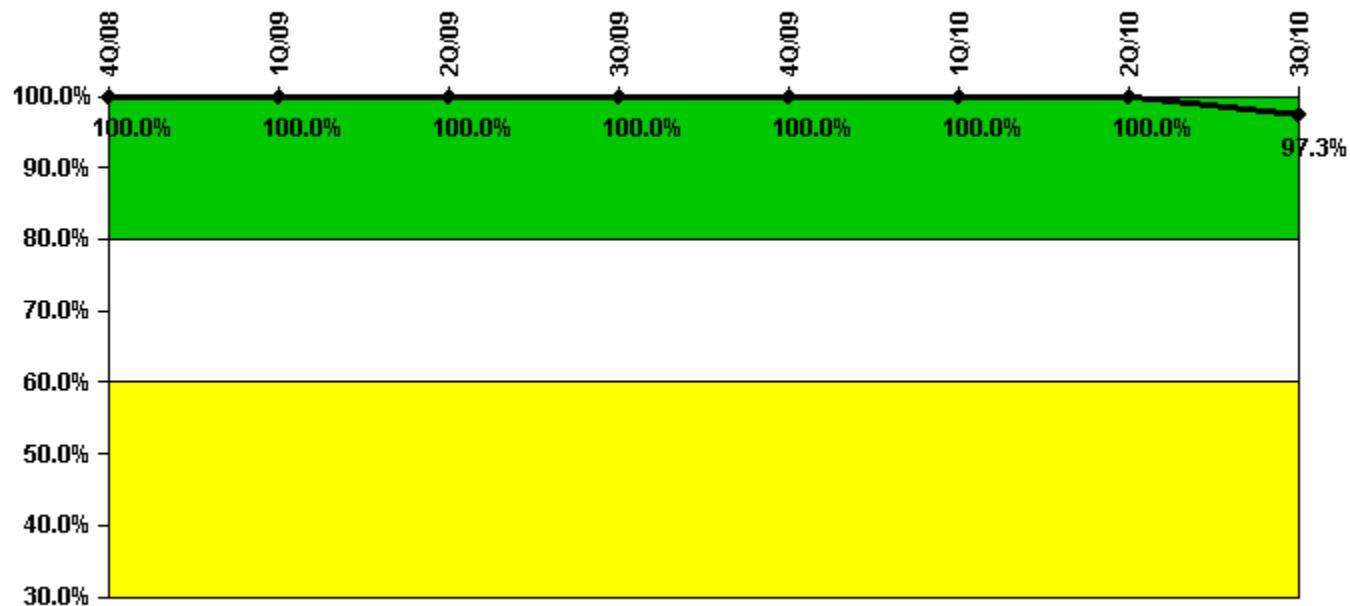
### Notes

| Drill/Exercise Performance | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities   | 50.0  | 20.0  | 44.0  | 48.0  | 44.0  | 20.0  | 55.0  | 16.0  |
| Total opportunities        | 50.0  | 20.0  | 44.0  | 48.0  | 46.0  | 20.0  | 56.0  | 16.0  |
| Indicator value            | 98.1% | 98.1% | 98.1% | 98.7% | 98.0% | 98.4% | 99.1% | 99.0% |

Licensee Comments: none

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## ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

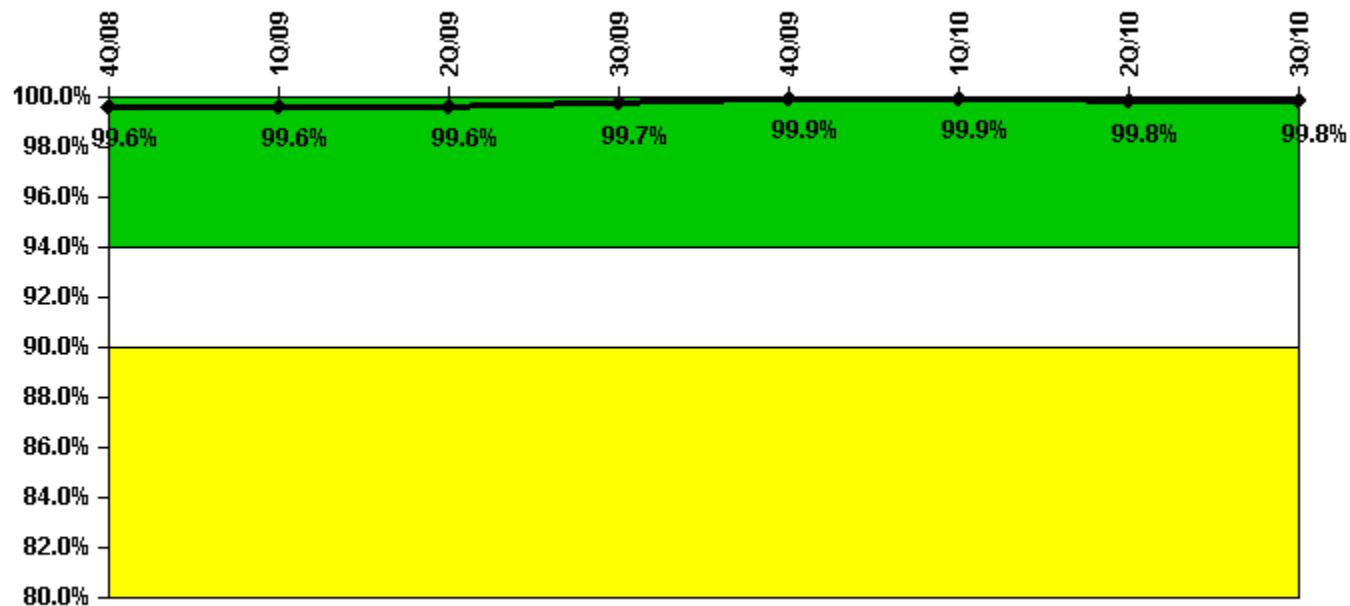
### Notes

| ERO Drill Participation     | 4Q/08         | 1Q/09         | 2Q/09         | 3Q/09         | 4Q/09         | 1Q/10         | 2Q/10         | 3Q/10        |
|-----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|
| Participating Key personnel | 68.0          | 65.0          | 66.0          | 68.0          | 68.0          | 70.0          | 77.0          | 72.0         |
| Total Key personnel         | 68.0          | 65.0          | 66.0          | 68.0          | 68.0          | 70.0          | 77.0          | 74.0         |
| <b>Indicator value</b>      | <b>100.0%</b> | <b>97.3%</b> |

Licensee Comments: none

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## Alert & Notification System



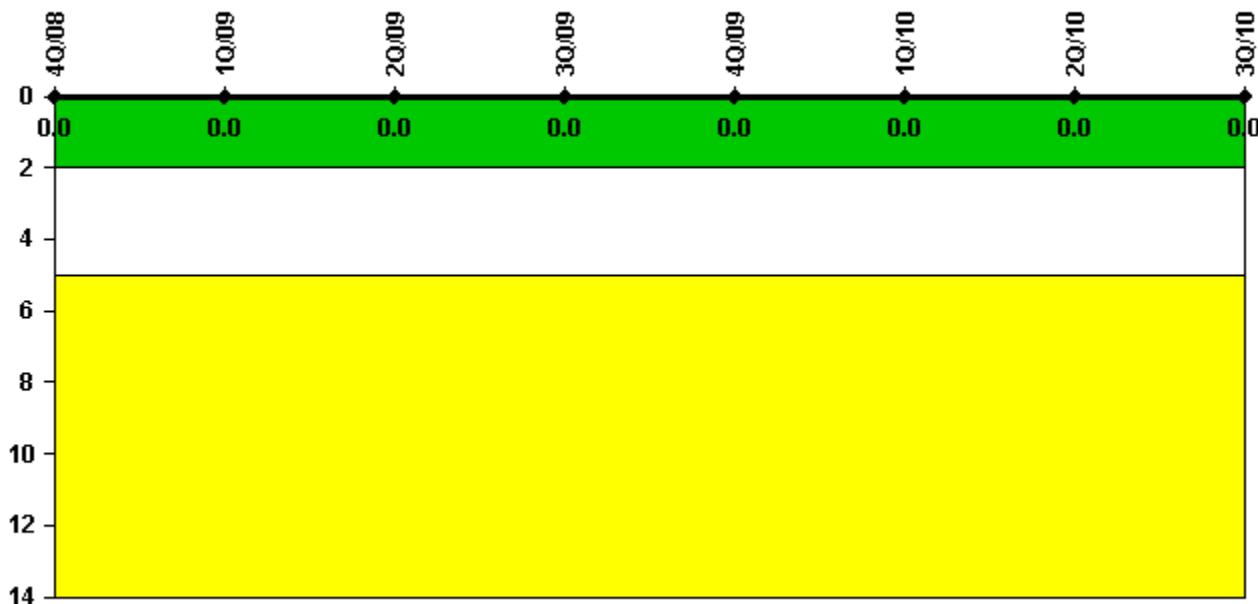
Thresholds: White < 94.0% Yellow < 90.0%

### Notes

| Alert & Notification System | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests      | 3169  | 3144  | 3199  | 3246  | 3198  | 2139  | 2167  | 2205  |
| Total sirens-tests          | 3200  | 3150  | 3200  | 3250  | 3200  | 2142  | 2176  | 2210  |
| Indicator value             | 99.6% | 99.6% | 99.6% | 99.7% | 99.9% | 99.9% | 99.8% | 99.8% |

Licensee Comments: none

## Occupational Exposure Control Effectiveness



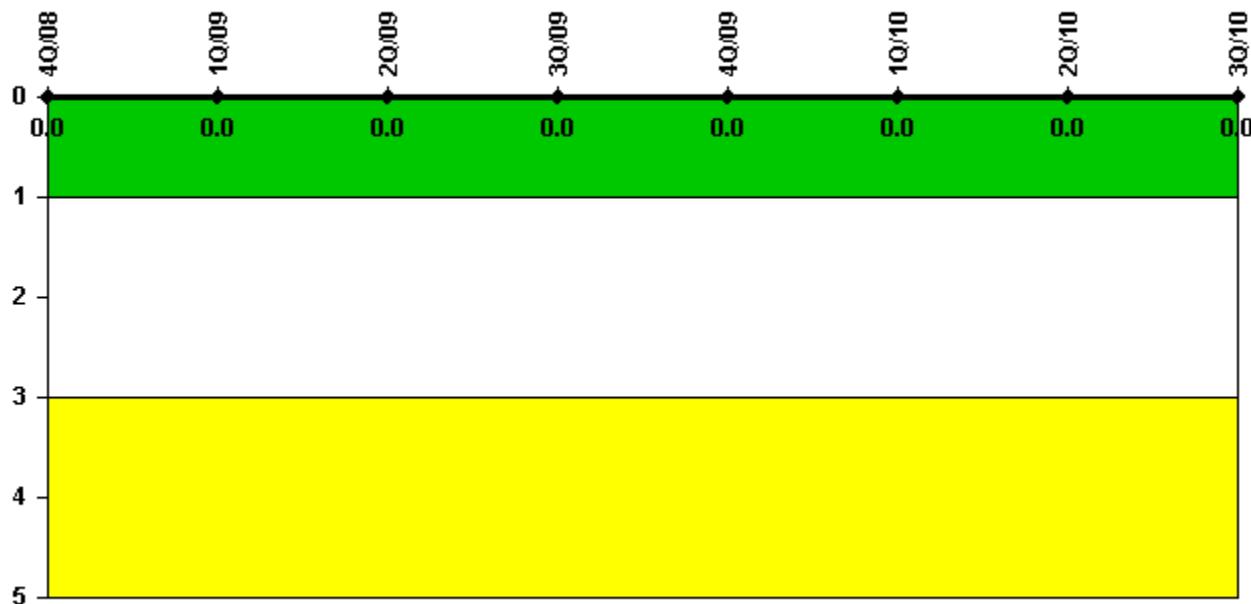
Thresholds: White > 2.0 Yellow > 5.0

### Notes

| Occupational Exposure Control Effectiveness | 4Q/08    | 1Q/09    | 2Q/09    | 3Q/09    | 4Q/09    | 1Q/10    | 2Q/10    | 3Q/10    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>0</b> |

Licensee Comments: none

## RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

### Notes

| RETS/ODCM Radiological Effluent | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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Security information not publicly available.

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[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

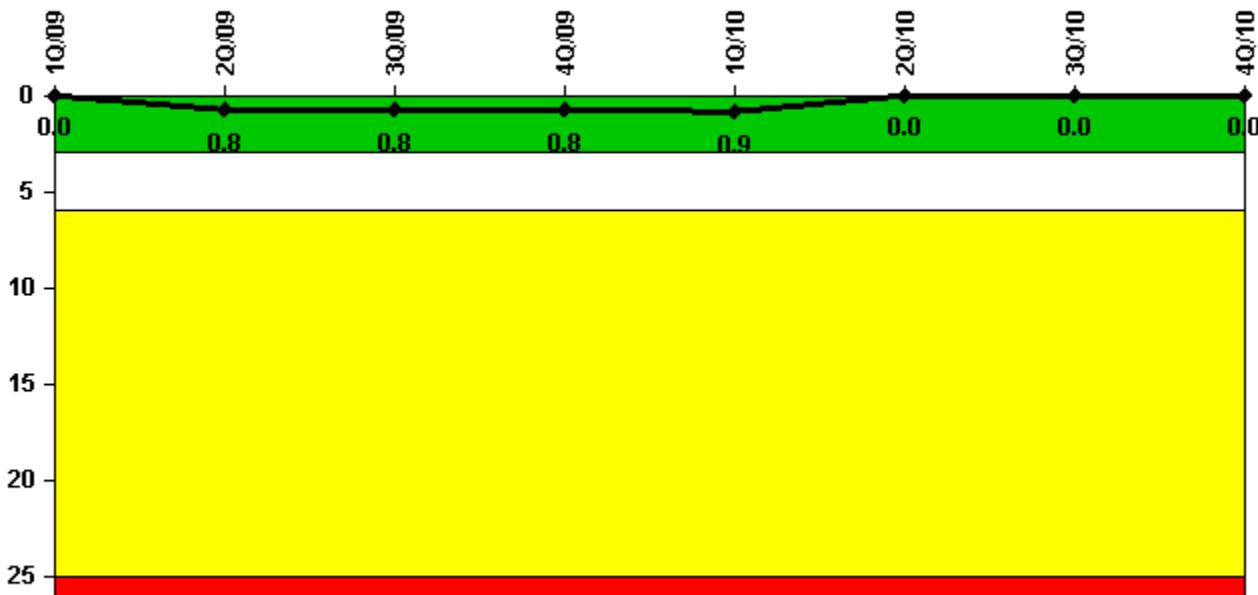
Last Modified: October 25, 2010

# La Salle 1

## 4Q/2010 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



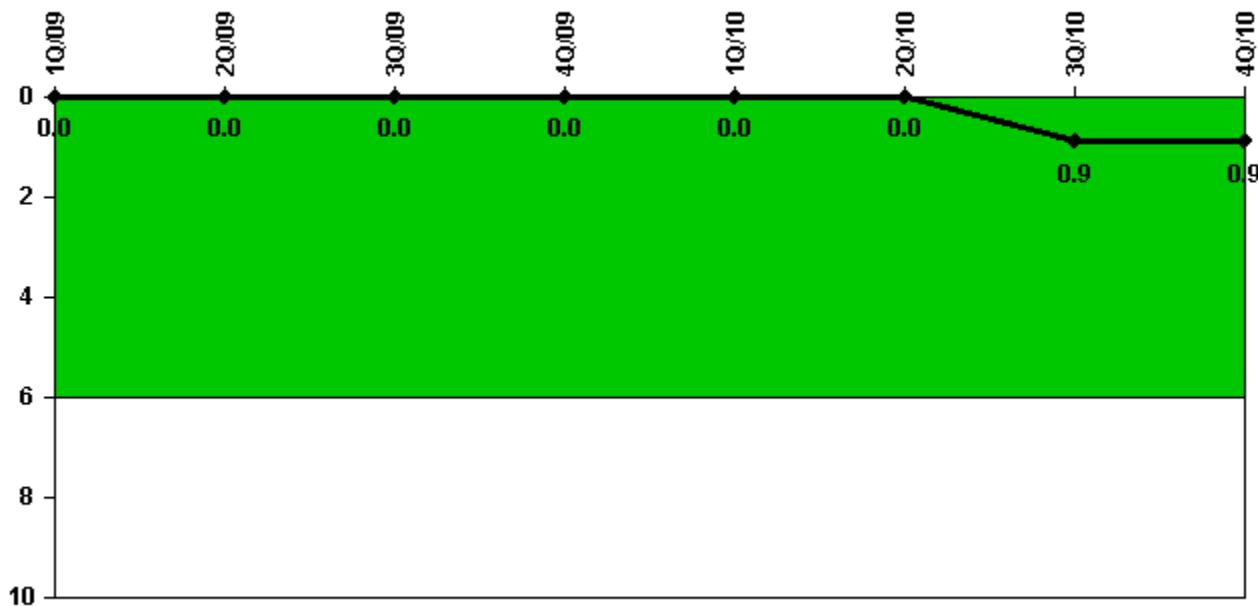
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

| Unplanned Scrams per 7000 Critical Hrs | 1Q/09  | 2Q/09  | 3Q/09  | 4Q/09  | 1Q/10  | 2Q/10  | 3Q/10  | 4Q/10  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 1.0    | 0      | 0      | 0      | 0      | 0      | 0      |
| Critical hours                         | 2159.0 | 2142.3 | 2146.0 | 2209.0 | 1550.2 | 2184.0 | 2208.0 | 2209.0 |
| Indicator value                        | 0      | 0.8    | 0.8    | 0.8    | 0.9    | 0      | 0      | 0      |

Licensee Comments: none

## Unplanned Power Changes per 7000 Critical Hrs



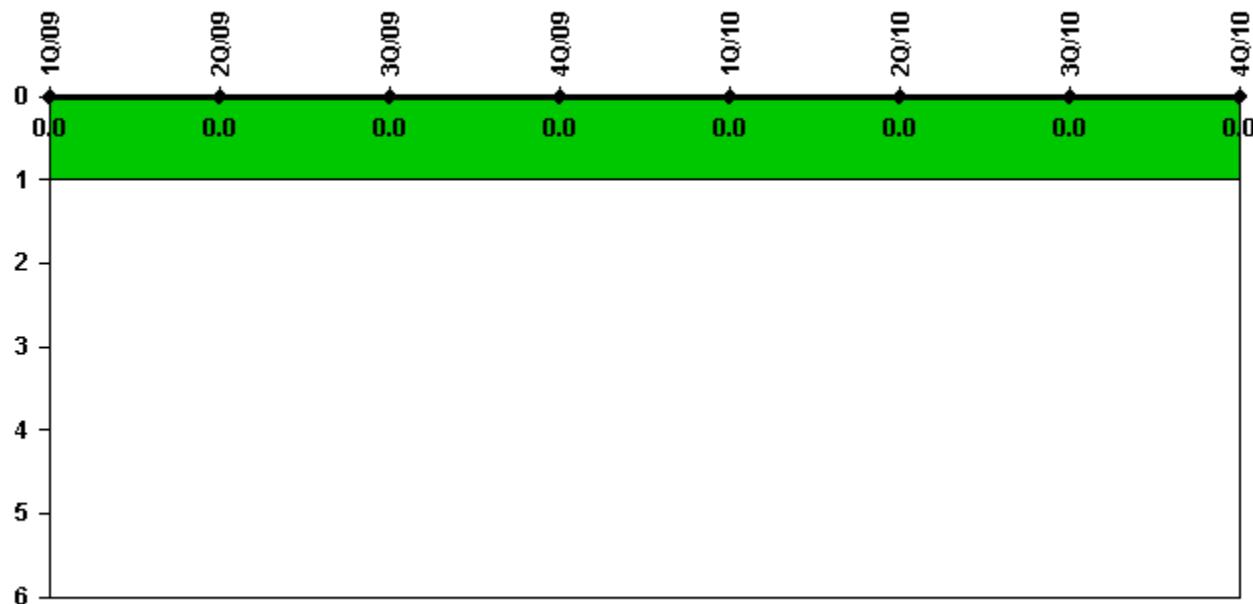
Thresholds: White > 6.0

### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 1Q/09  | 2Q/09  | 3Q/09  | 4Q/09  | 1Q/10  | 2Q/10  | 3Q/10  | 4Q/10  |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes                       | 0      | 0      | 0      | 0      | 0      | 0      | 1.0    | 0      |
| Critical hours                                | 2159.0 | 2142.3 | 2146.0 | 2209.0 | 1550.2 | 2184.0 | 2208.0 | 2209.0 |
| Indicator value                               | 0      | 0      | 0      | 0      | 0      | 0      | 0.9    | 0.9    |

Licensee Comments: none

## Unplanned Scrams with Complications



Thresholds: White > 1.0

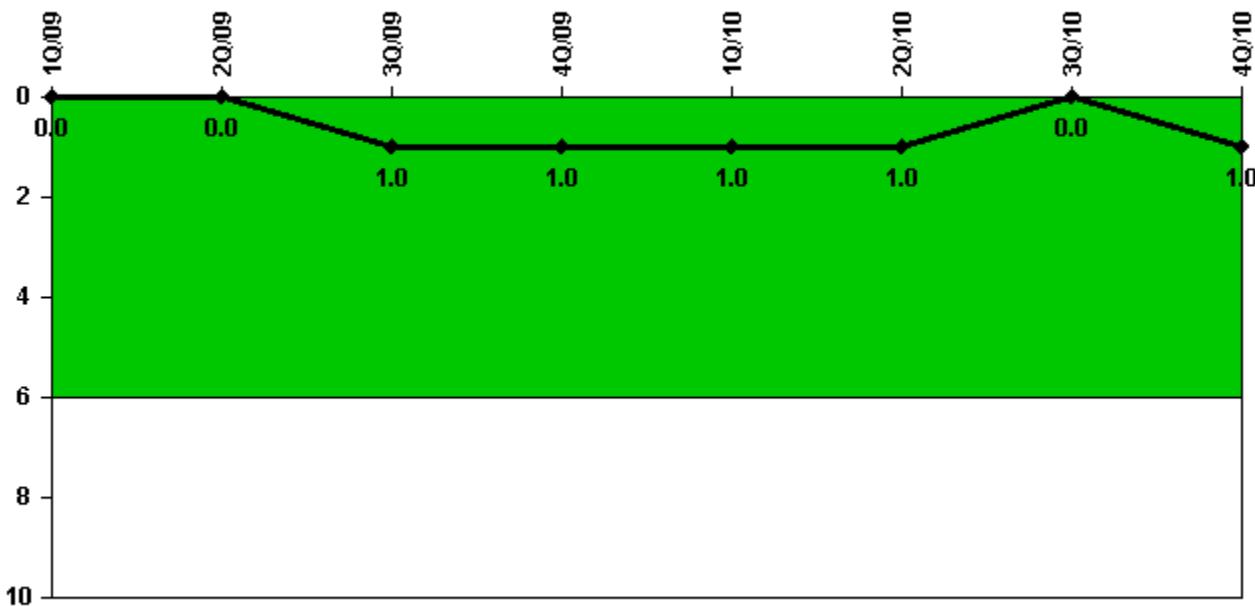
### Notes

| Unplanned Scrams with Complications | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 |
|-------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams with complications           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
|                                     |       |       |       |       |       |       |       |       |
|                                     |       |       |       |       |       |       |       |       |
| Indicator value                     | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

Licensee Comments: none

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## Safety System Functional Failures (BWR)



Thresholds: White > 6.0

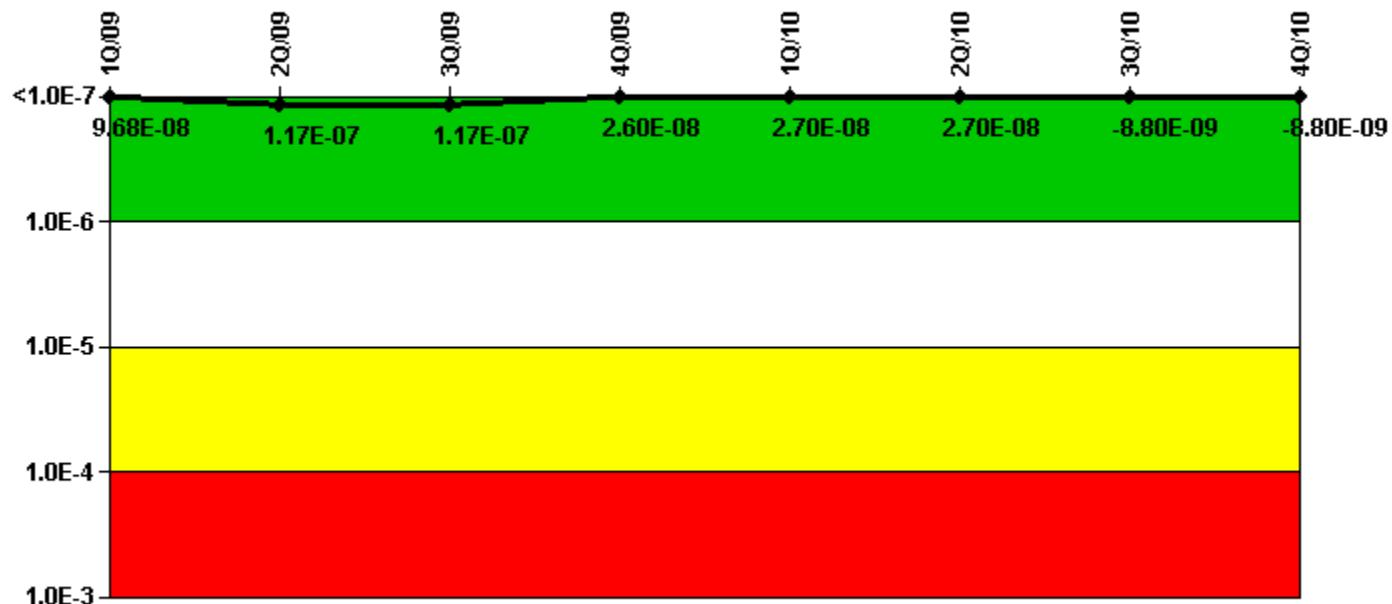
### Notes

| Safety System Functional Failures (BWR) | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures       | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 1     |
|   |       |       |       |       |       |       |       |       |
| Indicator value                         | 0     | 0     | 1     | 1     | 1     | 1     | 0     | 1     |

Licensee Comments: none

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## Mitigating Systems Performance Index, Emergency AC Power System



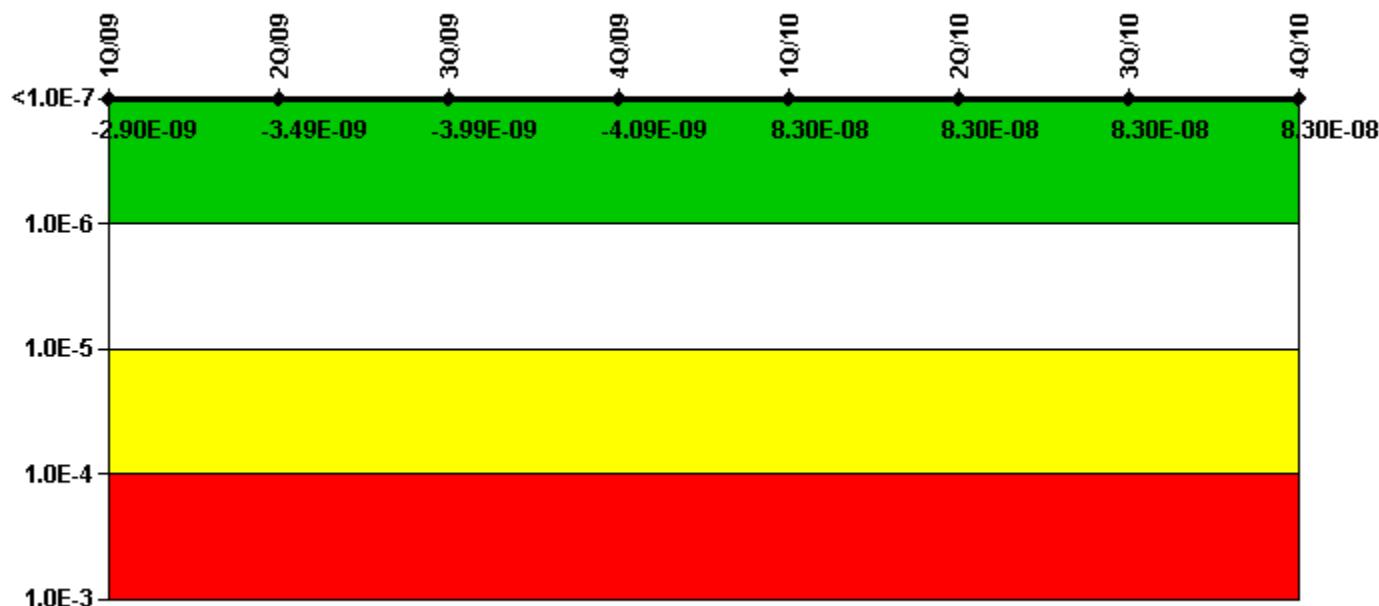
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 1Q/09           | 2Q/09           | 3Q/09           | 4Q/09           | 1Q/10           | 2Q/10           | 3Q/10            | 4Q/10            |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|------------------|
| UAI ( $\Delta$ CDF)   | -3.20E-09       | -3.00E-09       | -3.00E-09       | -3.00E-09       | -2.18E-09       | -2.18E-09       | -3.99E-09        | -3.99E-09        |
| URI ( $\Delta$ CDF)   | 1.00E-07        | 1.20E-07        | 1.20E-07        | 2.90E-08        | 2.90E-08        | 2.89E-08        | -4.81E-09        | -4.81E-09        |
| PLE   | NO               | NO               |
| Indicator value   | <b>9.68E-08</b> | <b>1.17E-07</b> | <b>1.17E-07</b> | <b>2.60E-08</b> | <b>2.70E-08</b> | <b>2.70E-08</b> | <b>-8.80E-09</b> | <b>-8.80E-09</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, High Pressure Injection System



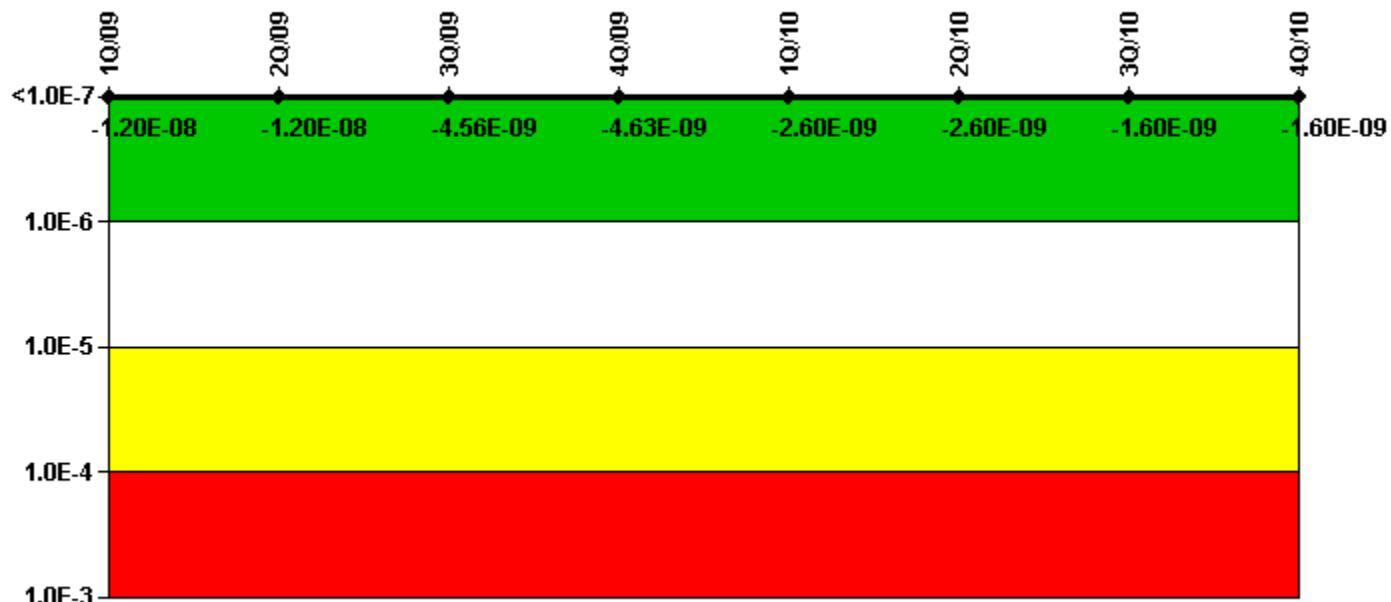
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 1Q/09            | 2Q/09            | 3Q/09            | 4Q/09            | 1Q/10           | 2Q/10           | 3Q/10           | 4Q/10           |
|--|------------------|------------------|------------------|------------------|-----------------|-----------------|-----------------|-----------------|
| UAI ( $\Delta$ CDF)  | -7.00E-10        | -6.90E-10        | -6.90E-10        | -6.90E-10        | 2.01E-09        | 2.01E-09        | 2.01E-09        | 2.01E-09        |
| URI ( $\Delta$ CDF)  | -2.20E-09        | -2.80E-09        | -3.30E-09        | -3.40E-09        | 8.12E-08        | 8.12E-08        | 8.12E-08        | 8.12E-08        |
| PLE  | NO               | NO               | NO               | NO               | NO              | NO              | NO              | NO              |
| Indicator value  | <b>-2.90E-09</b> | <b>-3.49E-09</b> | <b>-3.99E-09</b> | <b>-4.09E-09</b> | <b>8.30E-08</b> | <b>8.30E-08</b> | <b>8.30E-08</b> | <b>8.30E-08</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, Heat Removal System



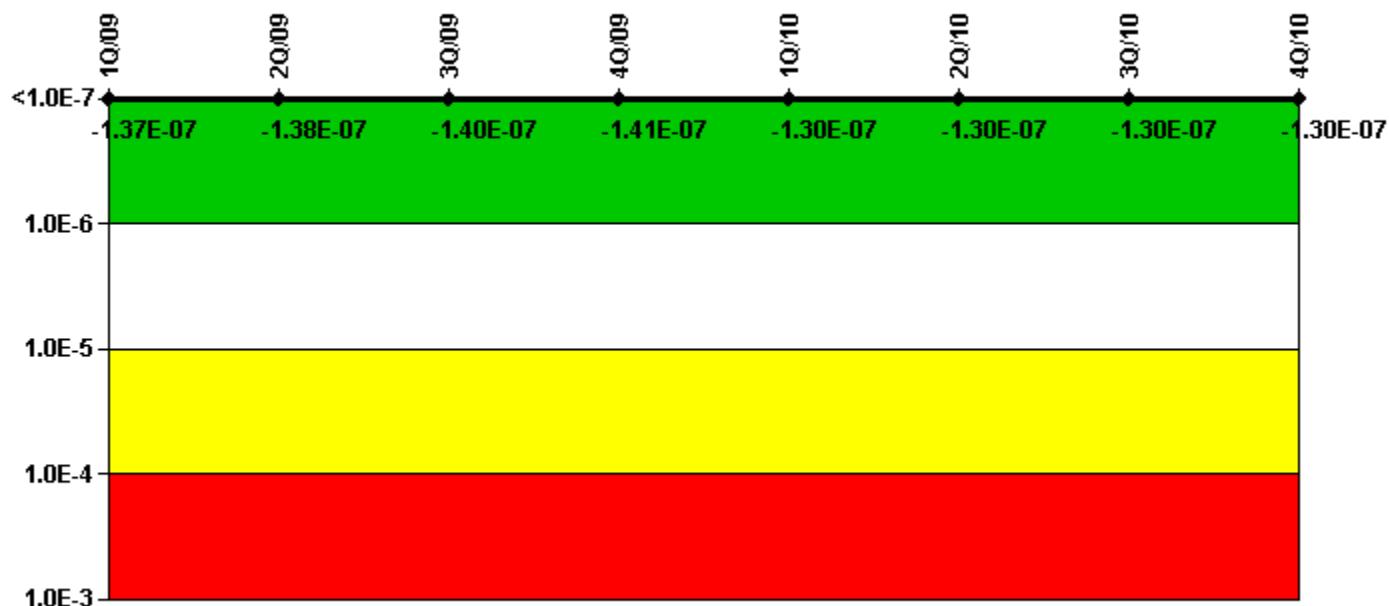
Thresholds: White >  $1.00E-6$  Yellow >  $1.00E-5$  Red >  $1.00E-4$

### Notes

| Mitigating Systems Performance Index, Heat Removal System | 1Q/09            | 2Q/09            | 3Q/09            | 4Q/09            | 1Q/10            | 2Q/10            | 3Q/10            | 4Q/10            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta CDF$ )                                      | -5.40E-09        | -5.40E-09        | -4.50E-09        | -4.50E-09        | -2.39E-09        | -2.39E-09        | -1.40E-09        | -1.40E-09        |
| URI ( $\Delta CDF$ )                                      | -6.60E-09        | -6.60E-09        | -5.60E-11        | -1.30E-10        | -1.95E-10        | -2.00E-10        | -2.03E-10        | -2.03E-10        |
| PLE   | NO               |
| Indicator value   | <b>-1.20E-08</b> | <b>-1.20E-08</b> | <b>-4.56E-09</b> | <b>-4.63E-09</b> | <b>-2.60E-09</b> | <b>-2.60E-09</b> | <b>-1.60E-09</b> | <b>-1.60E-09</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, Residual Heat Removal System



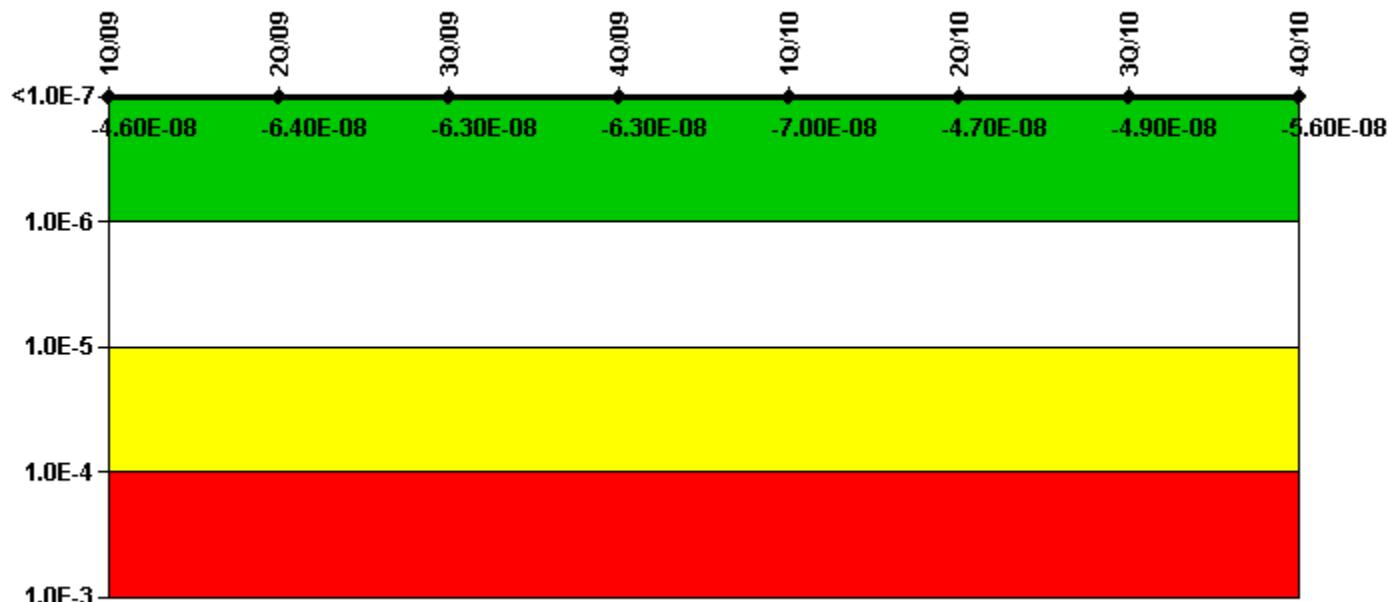
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 1Q/09            | 2Q/09            | 3Q/09            | 4Q/09            | 1Q/10            | 2Q/10            | 3Q/10            | 4Q/10            |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)  | -5.80E-08        | -5.80E-08        | -5.80E-08        | -5.80E-08        | -4.99E-08        | -4.99E-08        | -4.99E-08        | -4.90E-08        |
| URI ( $\Delta$ CDF)  | -7.90E-08        | -8.00E-08        | -8.20E-08        | -8.30E-08        | -8.44E-08        | -8.44E-08        | -8.44E-08        | -8.44E-08        |
| PLE  | NO               |
| Indicator value  | <b>-1.37E-07</b> | <b>-1.38E-07</b> | <b>-1.40E-07</b> | <b>-1.41E-07</b> | <b>-1.30E-07</b> | <b>-1.30E-07</b> | <b>-1.30E-07</b> | <b>-1.30E-07</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, Cooling Water Systems



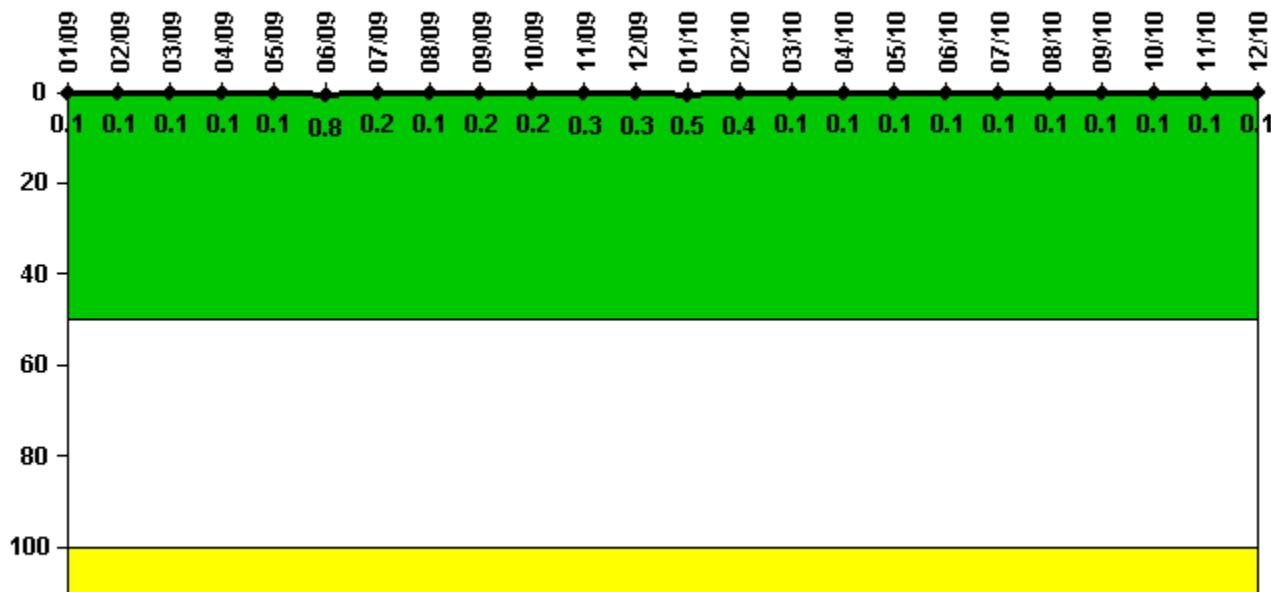
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 1Q/09            | 2Q/09            | 3Q/09            | 4Q/09            | 1Q/10            | 2Q/10            | 3Q/10            | 4Q/10            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)   | 6.40E-08         | 4.60E-08         | 4.70E-08         | 4.70E-08         | 3.40E-08         | 5.71E-08         | 5.50E-08         | 4.83E-08         |
| URI ( $\Delta$ CDF)   | -1.10E-07        | -1.10E-07        | -1.10E-07        | -1.10E-07        | -1.04E-07        | -1.04E-07        | -1.04E-07        | -1.04E-07        |
| PLE   | NO               |
| <b>Indicator value</b>                                      | <b>-4.60E-08</b> | <b>-6.40E-08</b> | <b>-6.30E-08</b> | <b>-6.30E-08</b> | <b>-7.00E-08</b> | <b>-4.70E-08</b> | <b>-4.90E-08</b> | <b>-5.60E-08</b> |

Licensee Comments: none

## Reactor Coolant System Activity



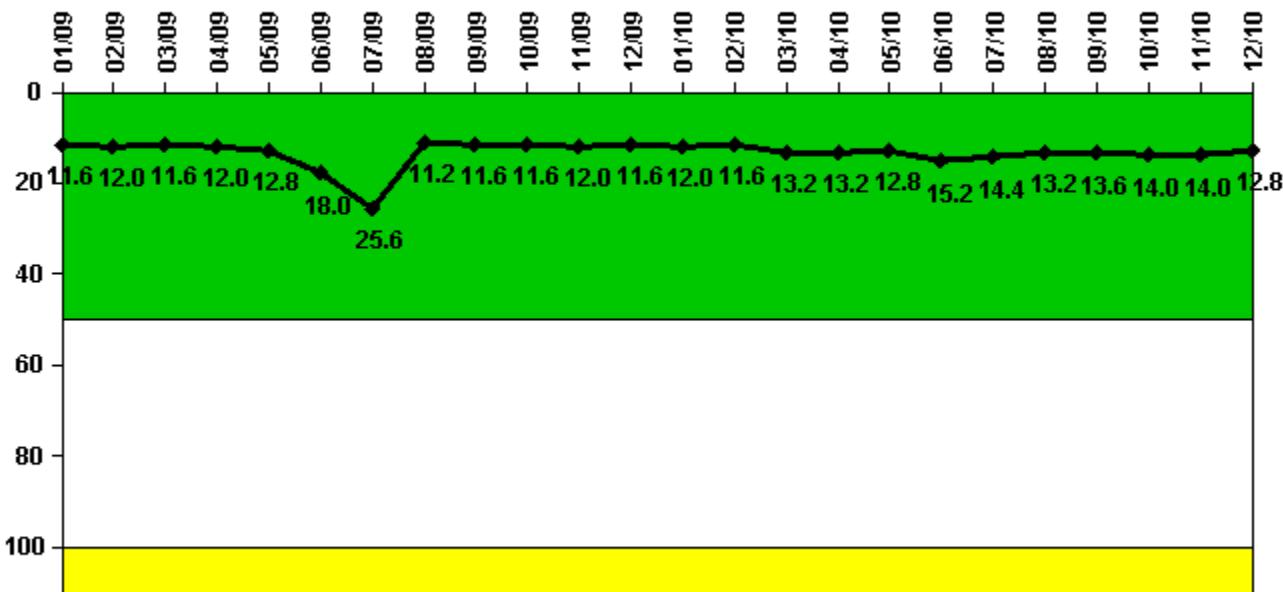
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Activity | 1/09     | 2/09     | 3/09     | 4/09     | 5/09     | 6/09     | 7/09     | 8/09     | 9/09     | 10/09    | 11/09    | 12/09    |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity                | 0.000218 | 0.000259 | 0.000213 | 0.000199 | 0.000200 | 0.001510 | 0.000446 | 0.000257 | 0.000426 | 0.000451 | 0.000584 | 0.000669 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.8      | 0.2      | 0.1      | 0.2      | 0.2      | 0.3      | 0.3      |
| Reactor Coolant System Activity | 1/10     | 2/10     | 3/10     | 4/10     | 5/10     | 6/10     | 7/10     | 8/10     | 9/10     | 10/10    | 11/10    | 12/10    |
| Maximum activity                | 0.000934 | 0.000745 | 0.000236 | 0.000244 | 0.000253 | 0.000276 | 0.000279 | 0.000279 | 0.000275 | 0.000280 | 0.000298 | 0.000296 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0.5      | 0.4      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      |

Licensee Comments: none

## Reactor Coolant System Leakage



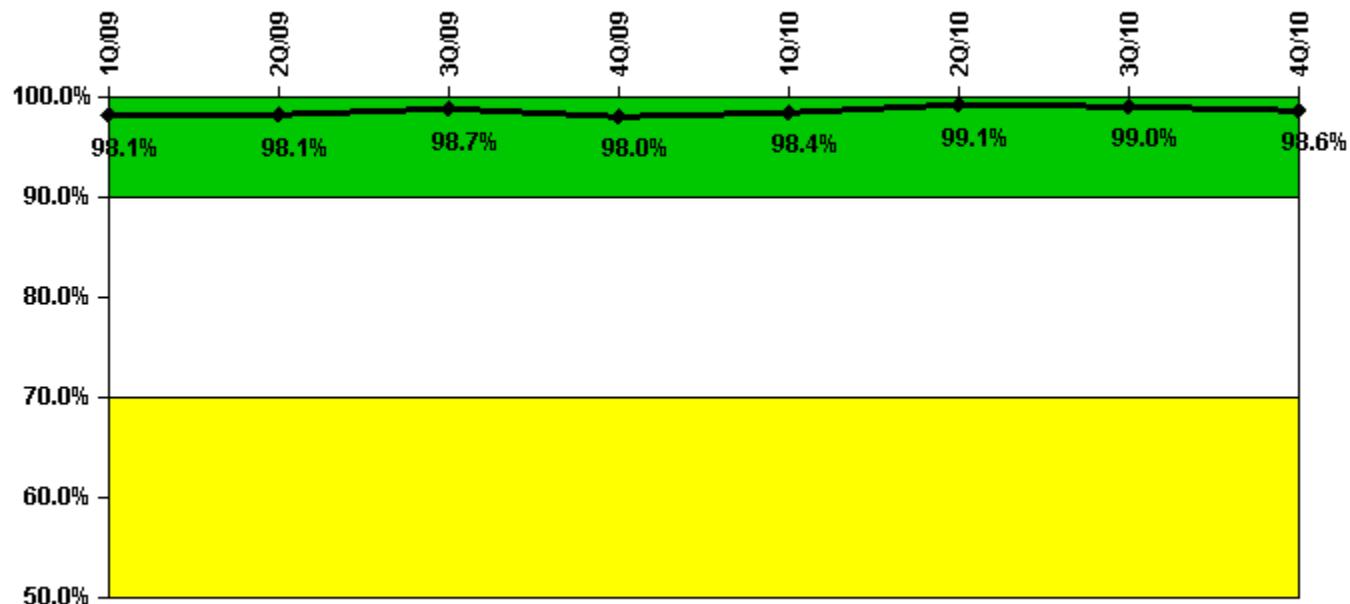
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Leakage | 1/09        | 2/09        | 3/09        | 4/09        | 5/09        | 6/09        | 7/09        | 8/09        | 9/09        | 10/09       | 11/09       | 12/09       |
|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Maximum leakage                | 2.900       | 3.000       | 2.900       | 3.000       | 3.200       | 4.500       | 6.400       | 2.800       | 2.900       | 2.900       | 3.000       | 2.900       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
|                                |             |             |             |             |             |             |             |             |             |             |             |             |
| <b>Indicator value</b>         | <b>11.6</b> | <b>12.0</b> | <b>11.6</b> | <b>12.0</b> | <b>12.8</b> | <b>18.0</b> | <b>25.6</b> | <b>11.2</b> | <b>11.6</b> | <b>11.6</b> | <b>12.0</b> | <b>11.6</b> |
| Reactor Coolant System Leakage | 1/10        | 2/10        | 3/10        | 4/10        | 5/10        | 6/10        | 7/10        | 8/10        | 9/10        | 10/10       | 11/10       | 12/10       |
| Maximum leakage                | 3.000       | 2.900       | 3.300       | 3.300       | 3.200       | 3.800       | 3.600       | 3.300       | 3.400       | 3.500       | 3.500       | 3.200       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
|                                |             |             |             |             |             |             |             |             |             |             |             |             |
| <b>Indicator value</b>         | <b>12.0</b> | <b>11.6</b> | <b>13.2</b> | <b>13.2</b> | <b>12.8</b> | <b>15.2</b> | <b>14.4</b> | <b>13.2</b> | <b>13.6</b> | <b>14.0</b> | <b>14.0</b> | <b>12.8</b> |

Licensee Comments: none

## Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

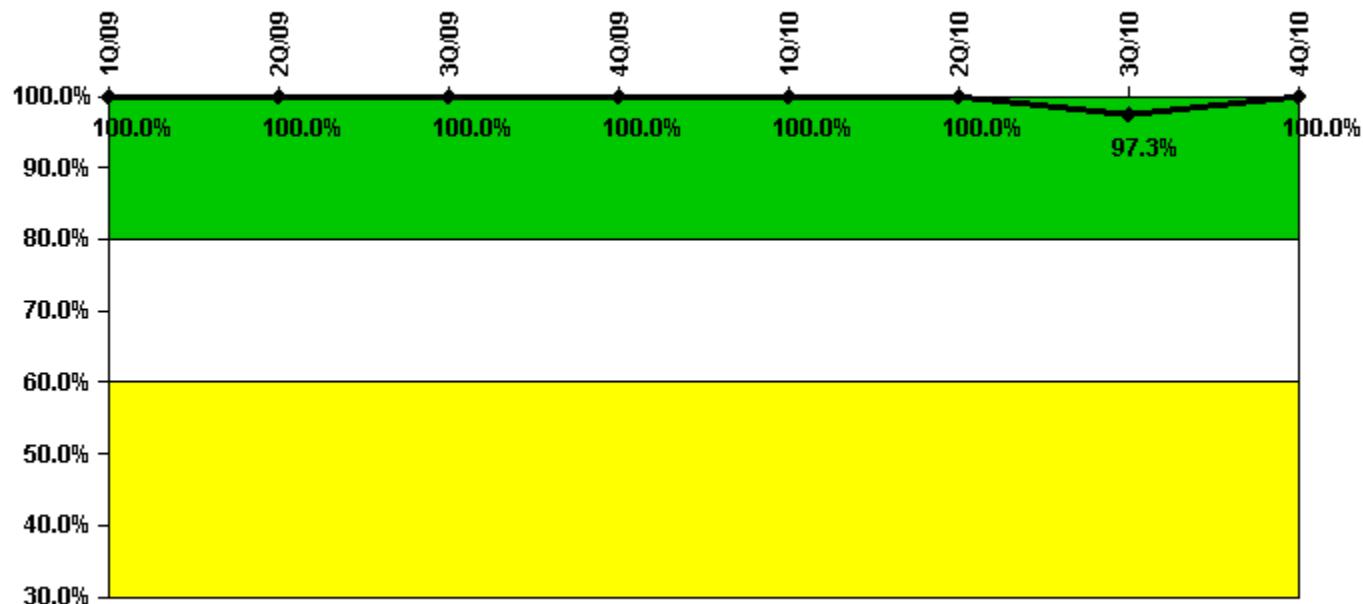
### Notes

| Drill/Exercise Performance | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities   | 20.0  | 44.0  | 48.0  | 44.0  | 20.0  | 55.0  | 16.0  | 36.0  |
| Total opportunities        | 20.0  | 44.0  | 48.0  | 46.0  | 20.0  | 56.0  | 16.0  | 37.0  |
| Indicator value            | 98.1% | 98.1% | 98.7% | 98.0% | 98.4% | 99.1% | 99.0% | 98.6% |

Licensee Comments: none

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## ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

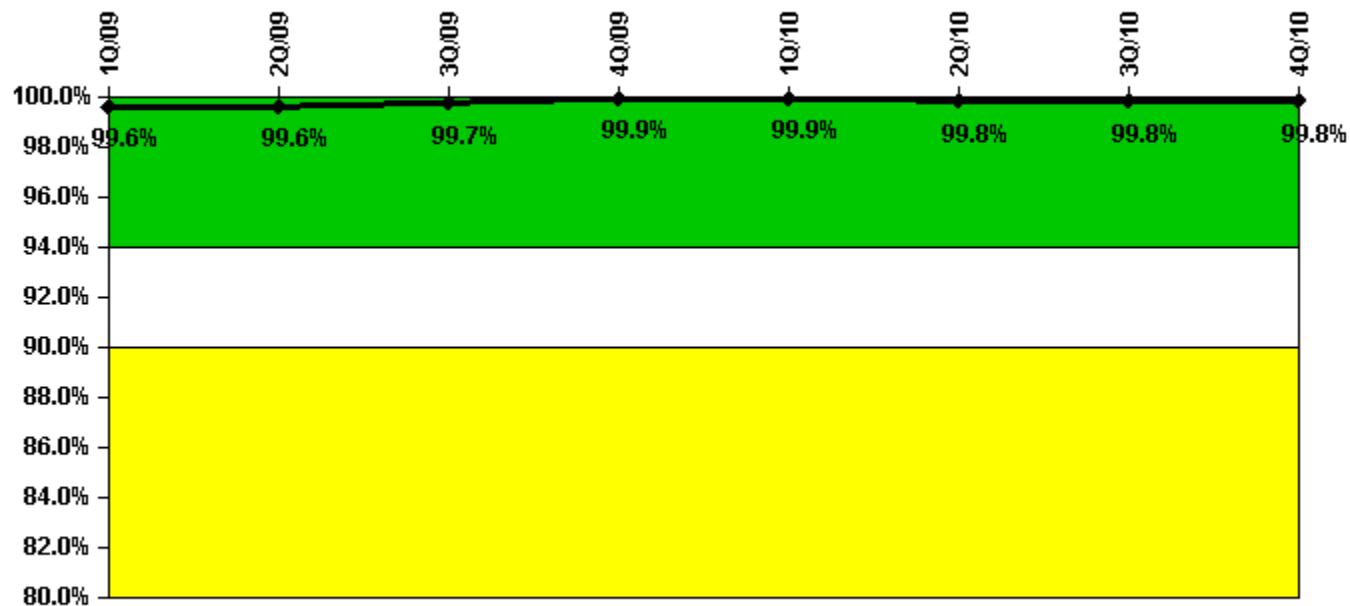
### Notes

| <b>ERO Drill Participation</b> | <b>1Q/09</b>  | <b>2Q/09</b>  | <b>3Q/09</b>  | <b>4Q/09</b>  | <b>1Q/10</b>  | <b>2Q/10</b>  | <b>3Q/10</b> | <b>4Q/10</b>  |
|--------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|---------------|
| Participating Key personnel    | 65.0          | 66.0          | 68.0          | 68.0          | 70.0          | 77.0          | 72.0         | 70.0          |
| Total Key personnel            | 65.0          | 66.0          | 68.0          | 68.0          | 70.0          | 77.0          | 74.0         | 70.0          |
| <b>Indicator value</b>         | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>97.3%</b> | <b>100.0%</b> |

Licensee Comments: none

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## Alert & Notification System



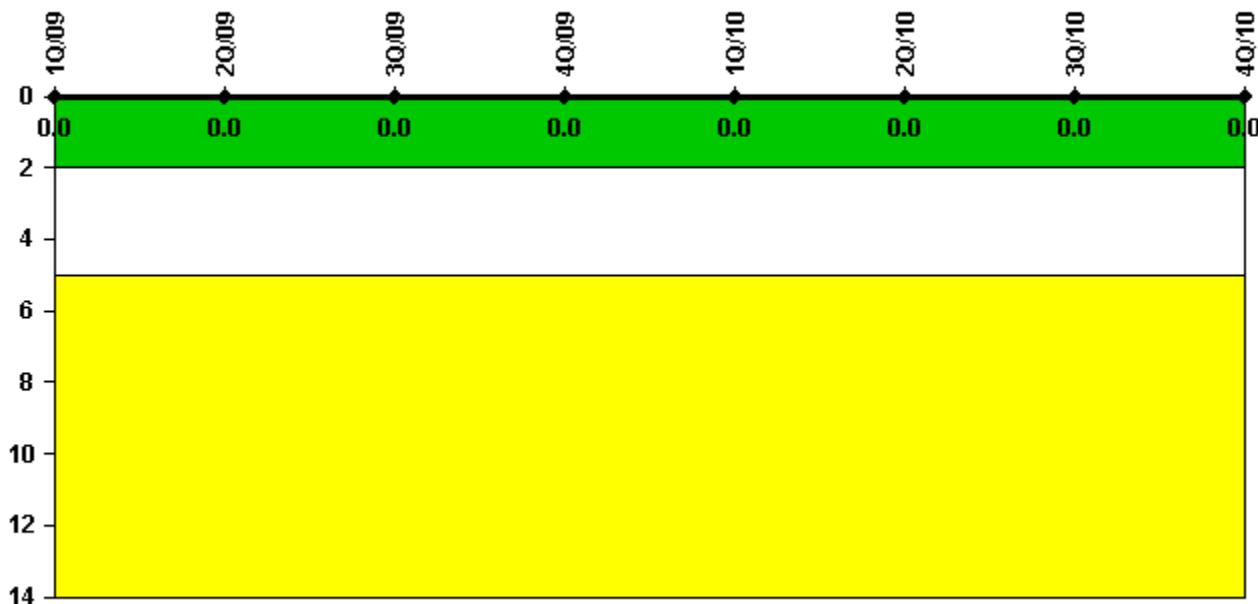
Thresholds: White < 94.0% Yellow < 90.0%

### Notes

| Alert & Notification System | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests      | 3144  | 3199  | 3246  | 3198  | 2139  | 2167  | 2205  | 2210  |
| Total sirens-tests          | 3150  | 3200  | 3250  | 3200  | 2142  | 2176  | 2210  | 2210  |
| Indicator value             | 99.6% | 99.6% | 99.7% | 99.9% | 99.9% | 99.8% | 99.8% | 99.8% |

Licensee Comments: none

## Occupational Exposure Control Effectiveness



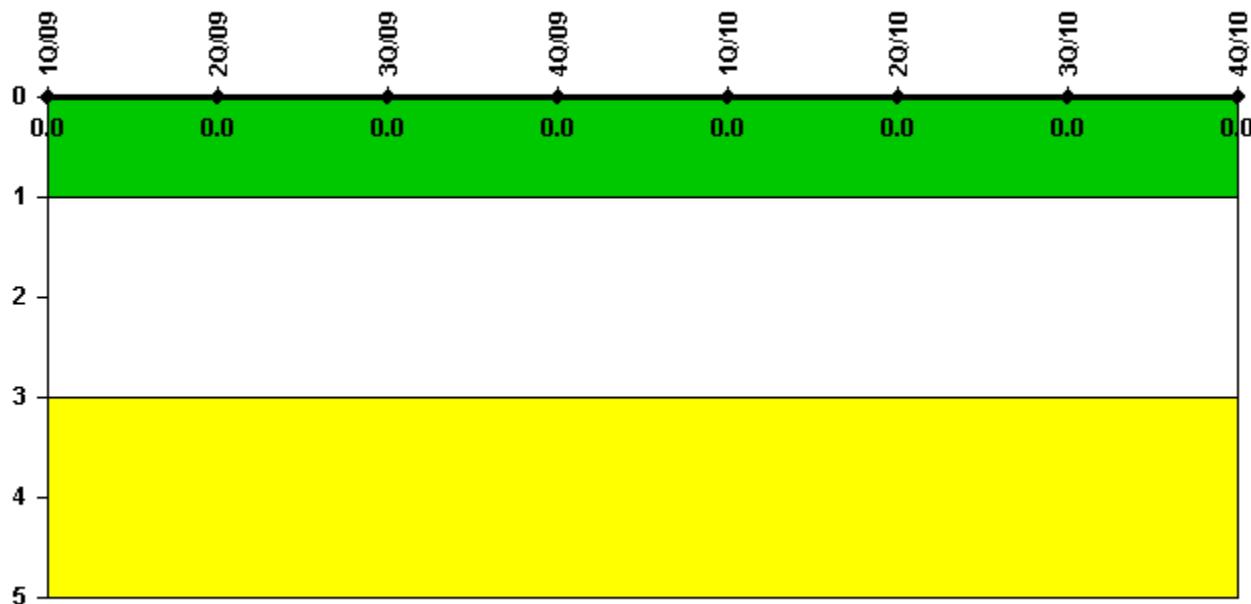
Thresholds: White > 2.0 Yellow > 5.0

### Notes

| Occupational Exposure Control Effectiveness | 1Q/09    | 2Q/09    | 3Q/09    | 4Q/09    | 1Q/10    | 2Q/10    | 3Q/10    | 4Q/10    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>0</b> |

Licensee Comments: none

## RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

### Notes

| RETS/ODCM Radiological Effluent | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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Security information not publicly available.

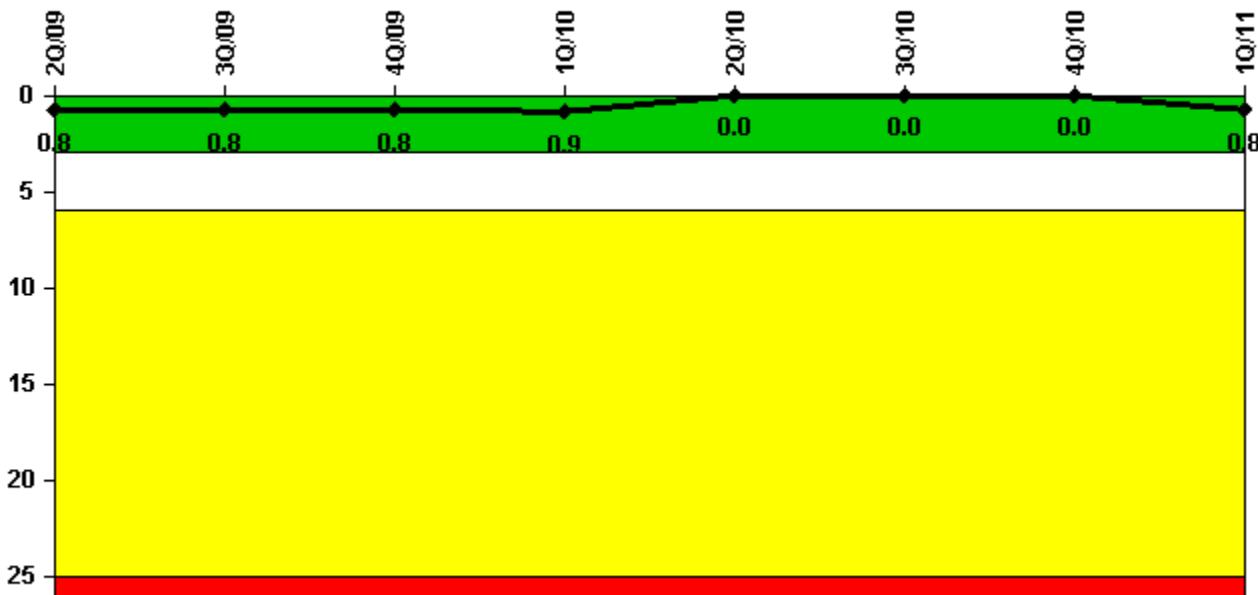
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# La Salle 1

## 1Q/2011 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



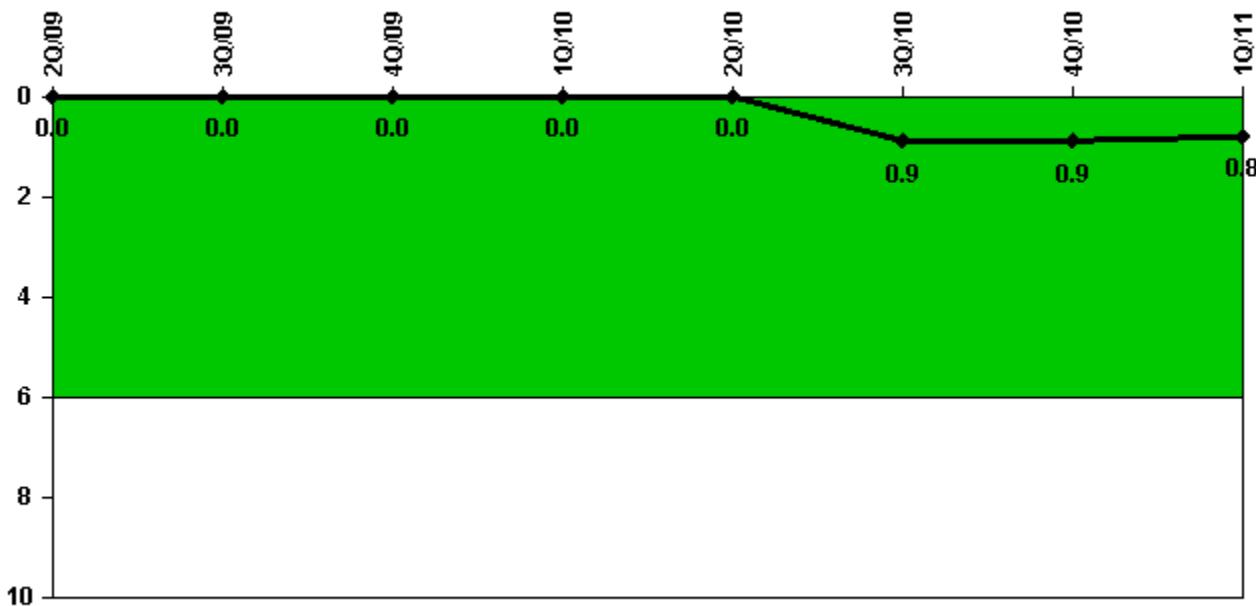
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

| Unplanned Scrams per 7000 Critical Hrs | 2Q/09  | 3Q/09  | 4Q/09  | 1Q/10  | 2Q/10  | 3Q/10  | 4Q/10  | 1Q/11  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 1.0    | 0      | 0      | 0      | 0      | 0      | 0      | 1.0    |
| Critical hours                         | 2142.3 | 2146.0 | 2209.0 | 1550.2 | 2184.0 | 2208.0 | 2209.0 | 1968.1 |
| Indicator value                        | 0.8    | 0.8    | 0.8    | 0.9    | 0      | 0      | 0      | 0.8    |

Licensee Comments: none

## Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

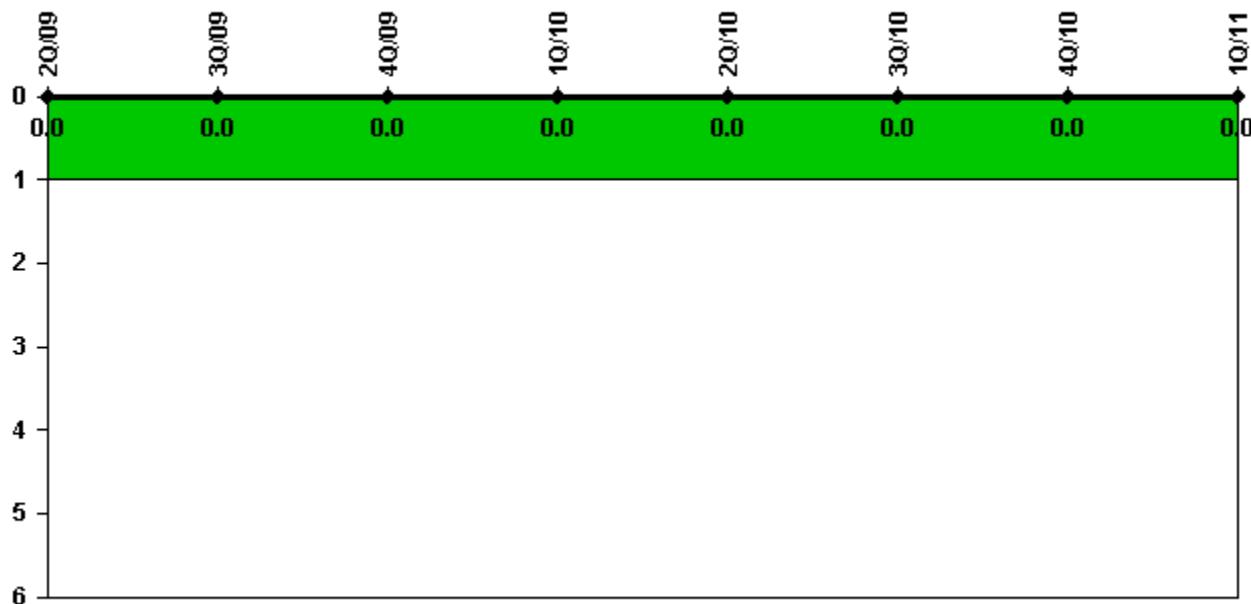
### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 2Q/09    | 3Q/09    | 4Q/09    | 1Q/10    | 2Q/10    | 3Q/10      | 4Q/10      | 1Q/11      |
|---|----------|----------|----------|----------|----------|------------|------------|------------|
| Unplanned power changes                       | 0        | 0        | 0        | 0        | 0        | 1.0        | 0          | 0          |
| Critical hours                                | 2142.3   | 2146.0   | 2209.0   | 1550.2   | 2184.0   | 2208.0     | 2209.0     | 1968.1     |
| Indicator value                               | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0.9</b> | <b>0.9</b> | <b>0.8</b> |

Licensee Comments: none

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## Unplanned Scrams with Complications



Thresholds: White > 1.0

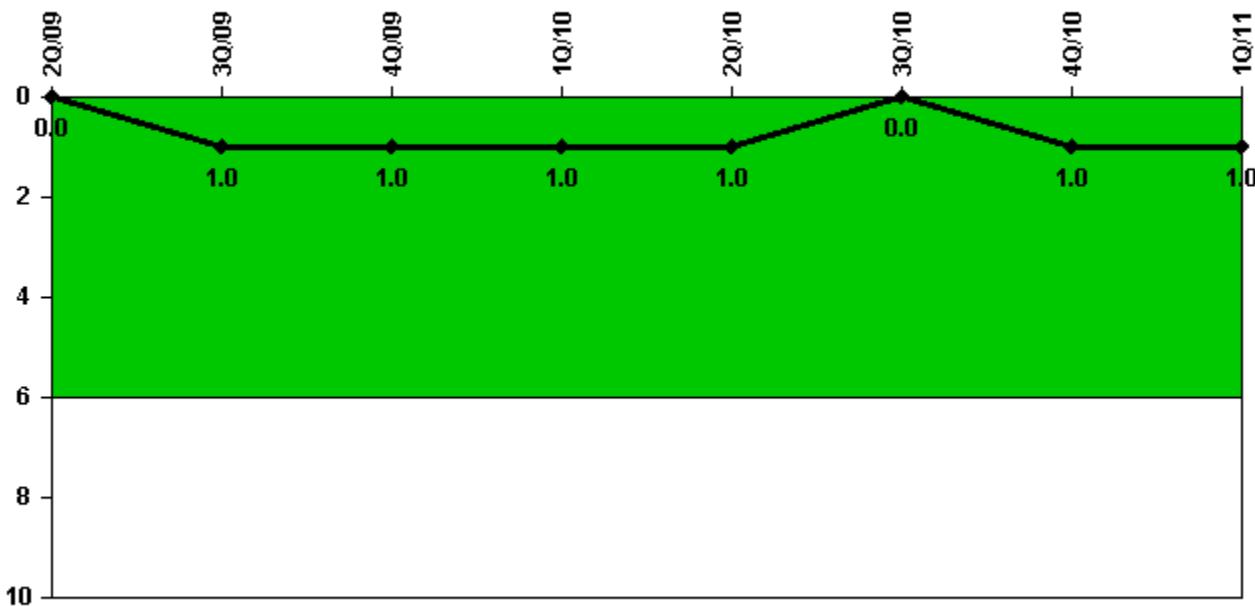
### Notes

| Unplanned Scrams with Complications | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 |
|-------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams with complications           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
|                                     |       |       |       |       |       |       |       |       |
|                                     |       |       |       |       |       |       |       |       |
| Indicator value                     | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

Licensee Comments: none

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## Safety System Functional Failures (BWR)



Thresholds: White > 6.0

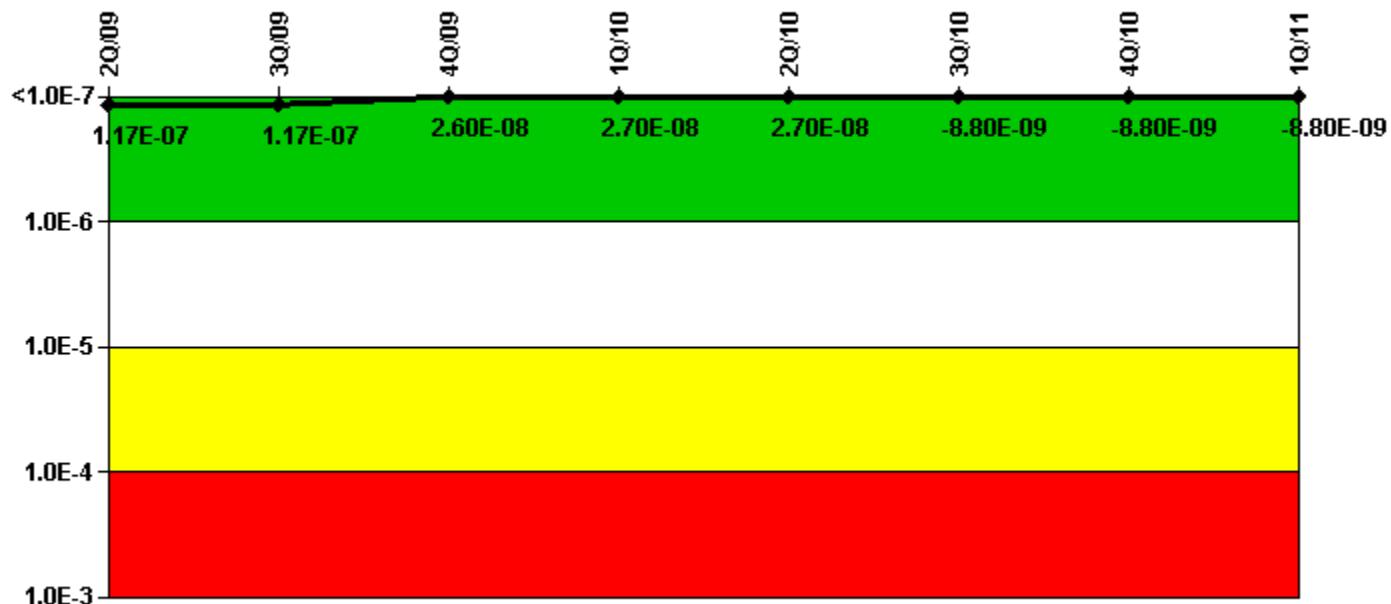
### Notes

| Safety System Functional Failures (BWR) | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures       | 0     | 1     | 0     | 0     | 0     | 0     | 1     | 0     |
|   |       |       |       |       |       |       |       |       |
| Indicator value                         | 0     | 1     | 1     | 1     | 1     | 0     | 1     | 1     |

Licensee Comments: none

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## Mitigating Systems Performance Index, Emergency AC Power System



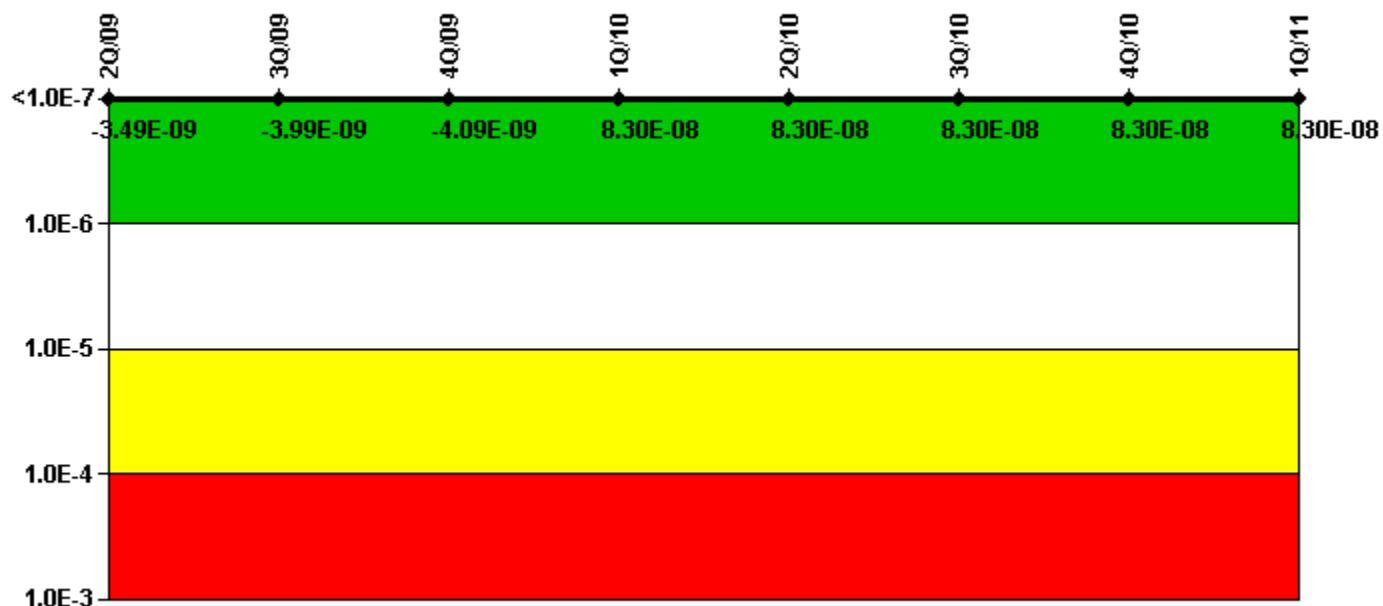
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 2Q/09           | 3Q/09           | 4Q/09           | 1Q/10           | 2Q/10           | 3Q/10            | 4Q/10            | 1Q/11            |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)   | -3.00E-09       | -3.00E-09       | -3.00E-09       | -2.18E-09       | -2.18E-09       | -3.99E-09        | -3.99E-09        | -3.99E-09        |
| URI ( $\Delta$ CDF)   | 1.20E-07        | 1.20E-07        | 2.90E-08        | 2.90E-08        | 2.89E-08        | -4.81E-09        | -4.81E-09        | -4.81E-09        |
| PLE   | NO              | NO              | NO              | NO              | NO              | NO               | NO               | NO               |
| Indicator value   | <b>1.17E-07</b> | <b>1.17E-07</b> | <b>2.60E-08</b> | <b>2.70E-08</b> | <b>2.70E-08</b> | <b>-8.80E-09</b> | <b>-8.80E-09</b> | <b>-8.80E-09</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, High Pressure Injection System



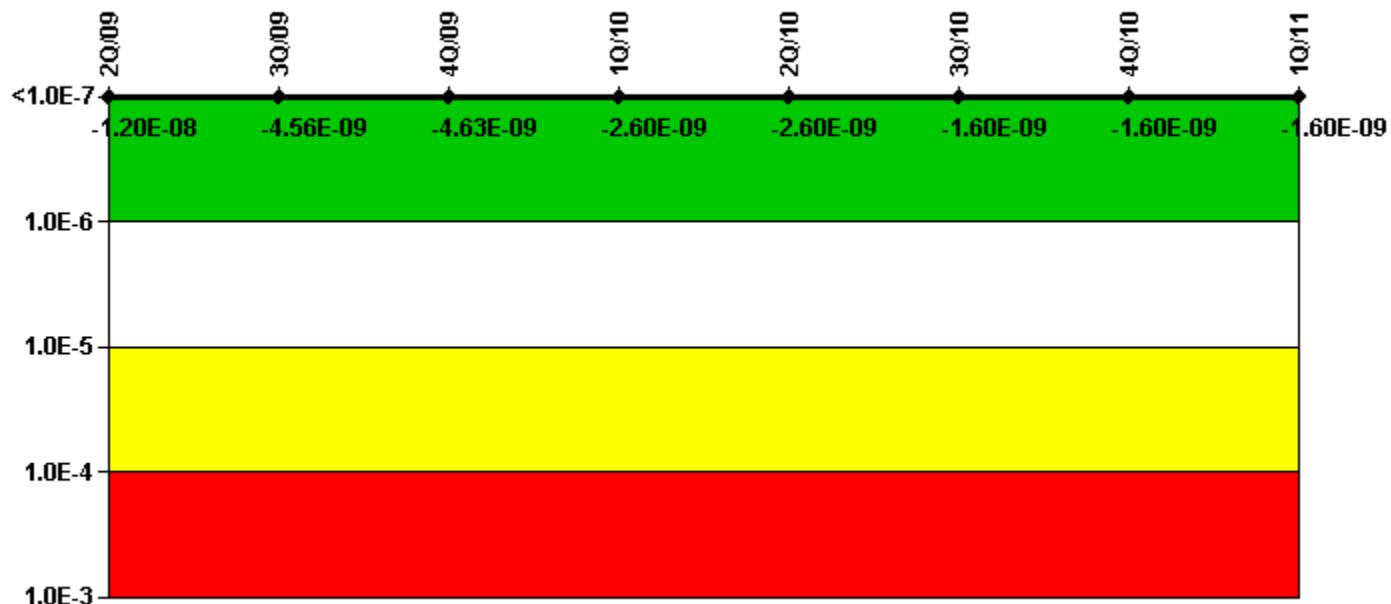
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 2Q/09            | 3Q/09            | 4Q/09            | 1Q/10           | 2Q/10           | 3Q/10           | 4Q/10           | 1Q/11           |
|--|------------------|------------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| UAI ( $\Delta$ CDF)  | -6.90E-10        | -6.90E-10        | -6.90E-10        | 2.01E-09        | 2.01E-09        | 2.01E-09        | 2.01E-09        | 1.95E-09        |
| URI ( $\Delta$ CDF)  | -2.80E-09        | -3.30E-09        | -3.40E-09        | 8.12E-08        | 8.12E-08        | 8.12E-08        | 8.12E-08        | 8.12E-08        |
| PLE  | NO               | NO               | NO               | NO              | NO              | NO              | NO              | NO              |
| Indicator value  | <b>-3.49E-09</b> | <b>-3.99E-09</b> | <b>-4.09E-09</b> | <b>8.30E-08</b> | <b>8.30E-08</b> | <b>8.30E-08</b> | <b>8.30E-08</b> | <b>8.30E-08</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, Heat Removal System



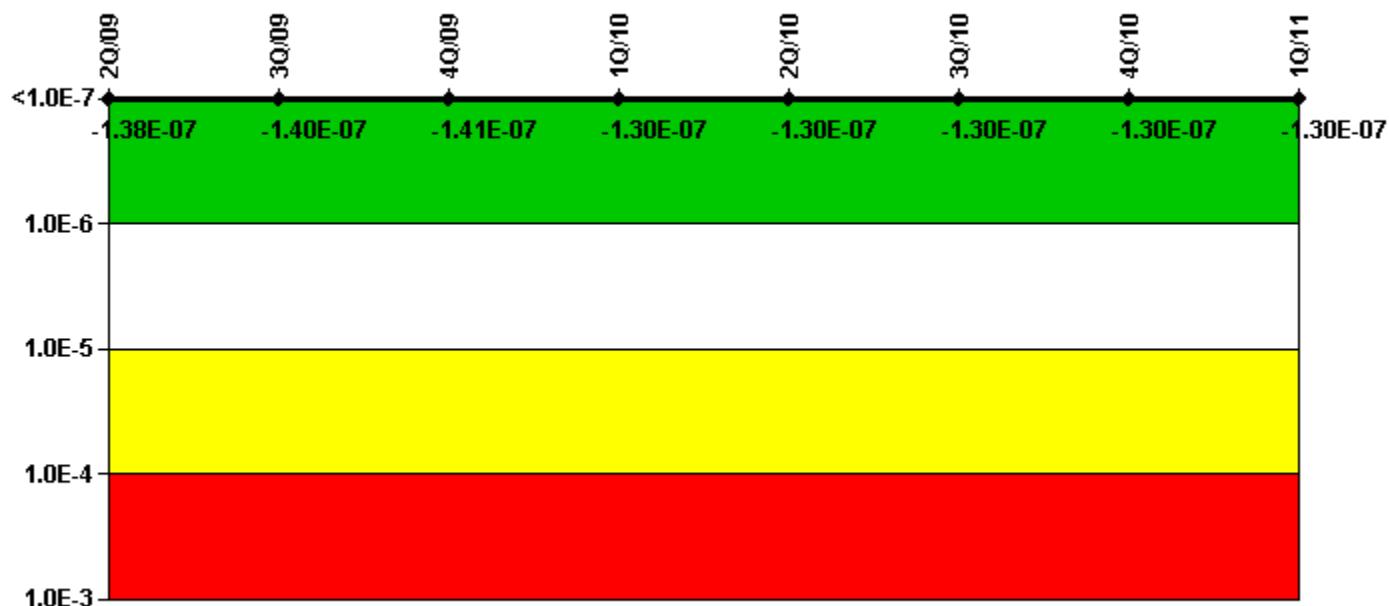
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Heat Removal System | 2Q/09            | 3Q/09            | 4Q/09            | 1Q/10            | 2Q/10            | 3Q/10            | 4Q/10            | 1Q/11            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)                                       | -5.40E-09        | -4.50E-09        | -4.50E-09        | -2.39E-09        | -2.39E-09        | -1.40E-09        | -1.40E-09        | -1.42E-09        |
| URI ( $\Delta$ CDF)                                       | -6.60E-09        | -5.60E-11        | -1.30E-10        | -1.95E-10        | -2.00E-10        | -2.03E-10        | -2.03E-10        | -2.03E-10        |
| PLE   | NO               |
| Indicator value   | <b>-1.20E-08</b> | <b>-4.56E-09</b> | <b>-4.63E-09</b> | <b>-2.60E-09</b> | <b>-2.60E-09</b> | <b>-1.60E-09</b> | <b>-1.60E-09</b> | <b>-1.60E-09</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, Residual Heat Removal System



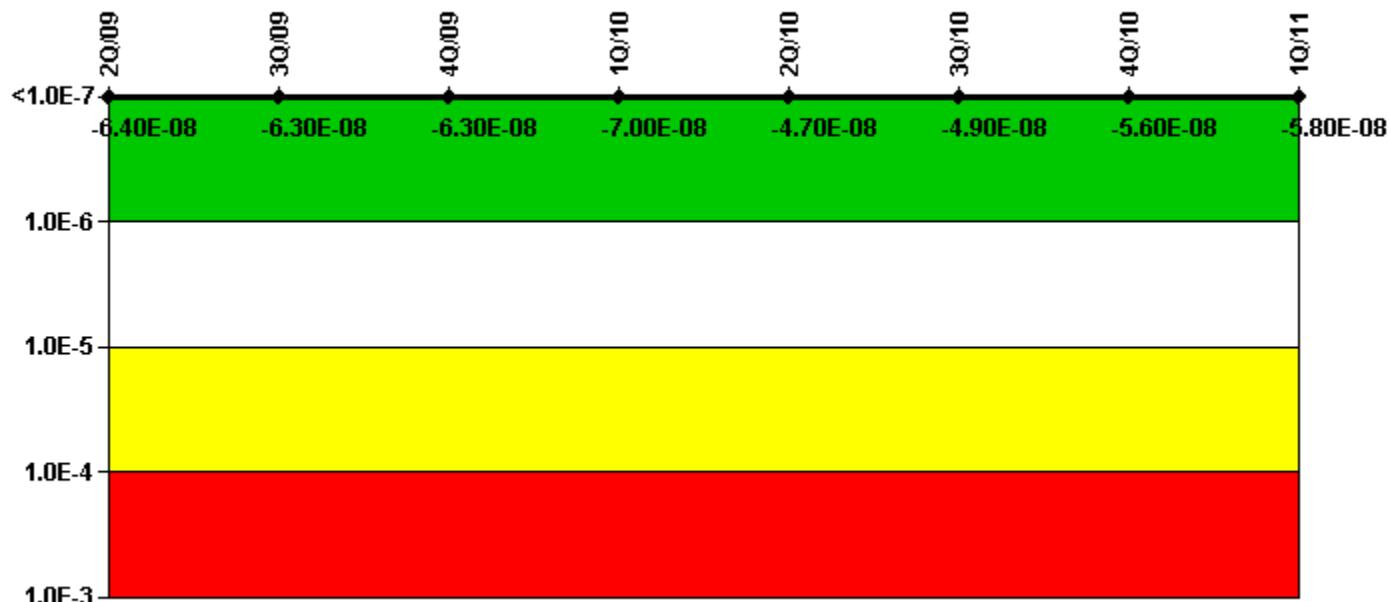
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 2Q/09            | 3Q/09            | 4Q/09            | 1Q/10            | 2Q/10            | 3Q/10            | 4Q/10            | 1Q/11            |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)  | -5.80E-08        | -5.80E-08        | -5.80E-08        | -4.99E-08        | -4.99E-08        | -4.99E-08        | -4.90E-08        | -4.90E-08        |
| URI ( $\Delta$ CDF)  | -8.00E-08        | -8.20E-08        | -8.30E-08        | -8.44E-08        | -8.44E-08        | -8.44E-08        | -8.44E-08        | -8.44E-08        |
| PLE  | NO               |
| Indicator value  | <b>-1.38E-07</b> | <b>-1.40E-07</b> | <b>-1.41E-07</b> | <b>-1.30E-07</b> | <b>-1.30E-07</b> | <b>-1.30E-07</b> | <b>-1.30E-07</b> | <b>-1.30E-07</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, Cooling Water Systems



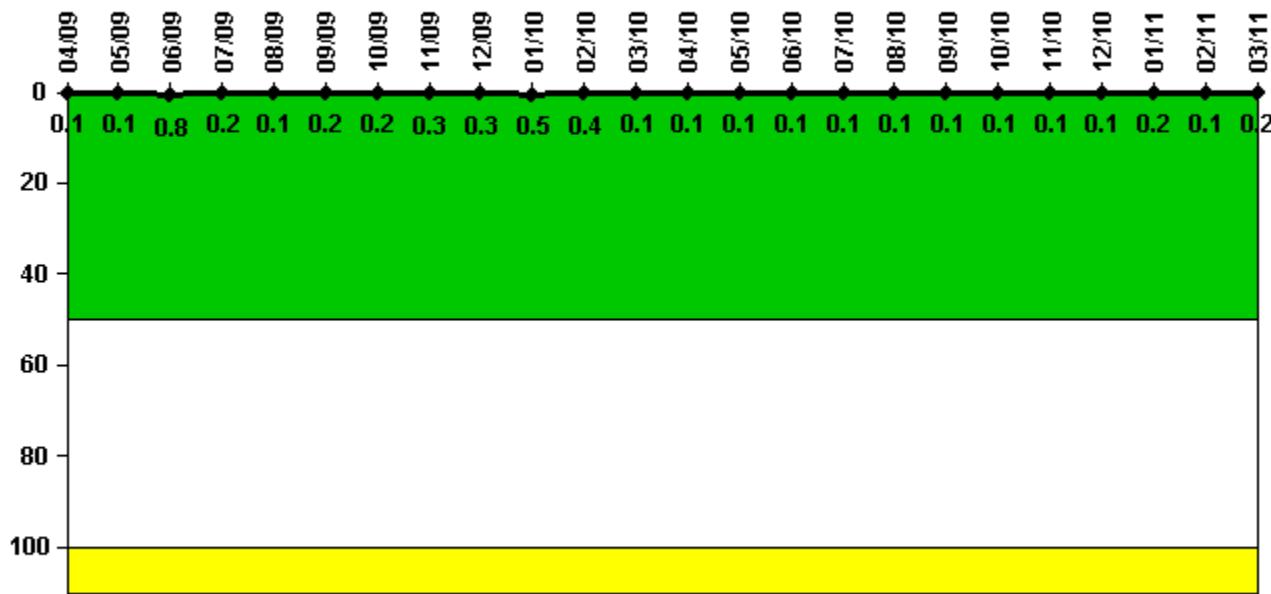
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 2Q/09            | 3Q/09            | 4Q/09            | 1Q/10            | 2Q/10            | 3Q/10            | 4Q/10            | 1Q/11            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)   | 4.60E-08         | 4.70E-08         | 4.70E-08         | 3.40E-08         | 5.71E-08         | 5.50E-08         | 4.83E-08         | 4.66E-08         |
| URI ( $\Delta$ CDF)   | -1.10E-07        | -1.10E-07        | -1.10E-07        | -1.04E-07        | -1.04E-07        | -1.04E-07        | -1.04E-07        | -1.04E-07        |
| PLE   | NO               |
| <b>Indicator value</b>                                      | <b>-6.40E-08</b> | <b>-6.30E-08</b> | <b>-6.30E-08</b> | <b>-7.00E-08</b> | <b>-4.70E-08</b> | <b>-4.90E-08</b> | <b>-5.60E-08</b> | <b>-5.80E-08</b> |

Licensee Comments: none

## Reactor Coolant System Activity



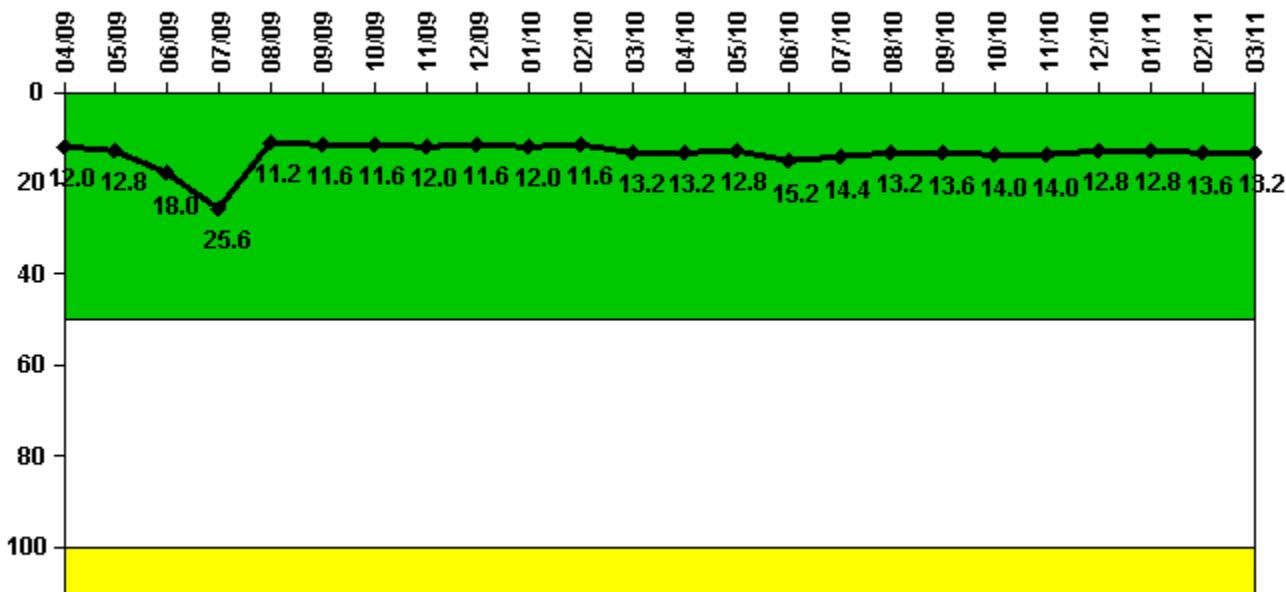
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Activity | 4/09     | 5/09     | 6/09     | 7/09     | 8/09     | 9/09     | 10/09    | 11/09    | 12/09    | 1/10     | 2/10     | 3/10     |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity                | 0.000199 | 0.000200 | 0.001510 | 0.000446 | 0.000257 | 0.000426 | 0.000451 | 0.000584 | 0.000669 | 0.000934 | 0.000745 | 0.000236 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0.1      | 0.1      | 0.8      | 0.2      | 0.1      | 0.2      | 0.2      | 0.3      | 0.3      | 0.5      | 0.4      | 0.1      |
| Reactor Coolant System Activity | 4/10     | 5/10     | 6/10     | 7/10     | 8/10     | 9/10     | 10/10    | 11/10    | 12/10    | 1/11     | 2/11     | 3/11     |
| Maximum activity                | 0.000244 | 0.000253 | 0.000276 | 0.000279 | 0.000279 | 0.000275 | 0.000280 | 0.000298 | 0.000296 | 0.000322 | 0.000247 | 0.000311 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.2      | 0.1      | 0.2      |

Licensee Comments: none

## Reactor Coolant System Leakage



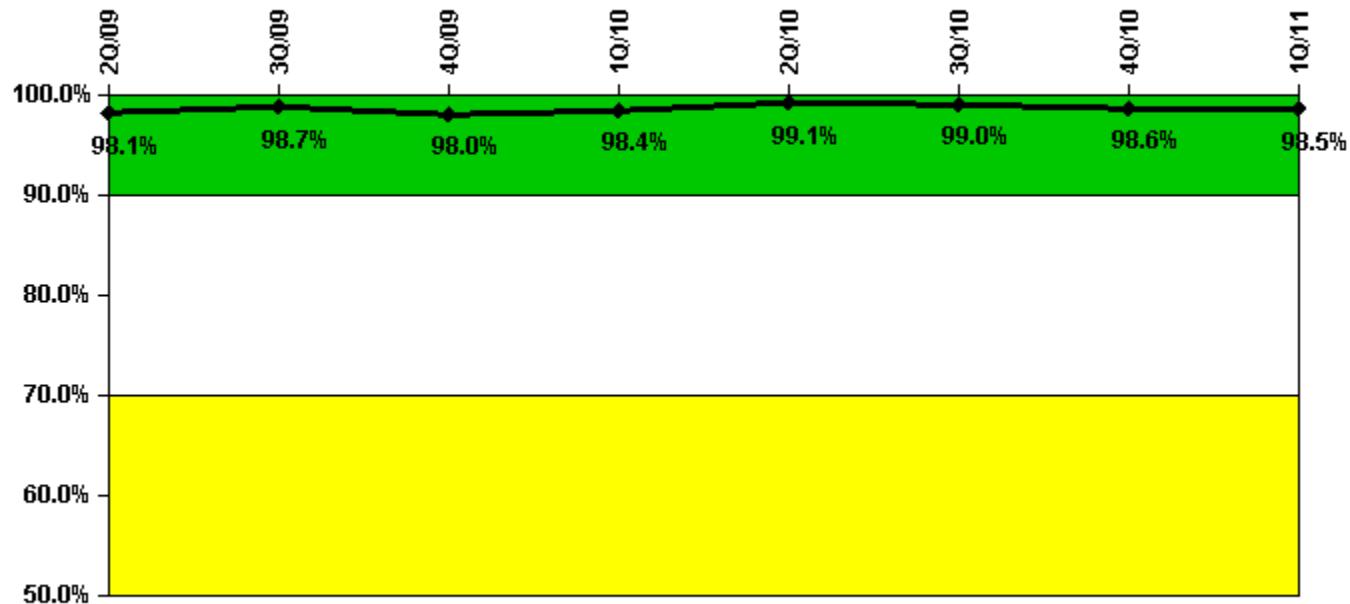
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Leakage | 4/09  | 5/09  | 6/09  | 7/09  | 8/09  | 9/09  | 10/09 | 11/09 | 12/09 | 1/10  | 2/10  | 3/10  |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage                | 3.000 | 3.200 | 4.500 | 6.400 | 2.800 | 2.900 | 2.900 | 3.000 | 2.900 | 3.000 | 2.900 | 3.300 |
| Technical specification limit  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  |
| Indicator value                | 12.0  | 12.8  | 18.0  | 25.6  | 11.2  | 11.6  | 11.6  | 12.0  | 11.6  | 12.0  | 11.6  | 13.2  |
| Reactor Coolant System Leakage | 4/10  | 5/10  | 6/10  | 7/10  | 8/10  | 9/10  | 10/10 | 11/10 | 12/10 | 1/11  | 2/11  | 3/11  |
| Maximum leakage                | 3.300 | 3.200 | 3.800 | 3.600 | 3.300 | 3.400 | 3.500 | 3.500 | 3.200 | 3.200 | 3.400 | 3.300 |
| Technical specification limit  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  |
| Indicator value                | 13.2  | 12.8  | 15.2  | 14.4  | 13.2  | 13.6  | 14.0  | 14.0  | 12.8  | 12.8  | 13.6  | 13.2  |

Licensee Comments: none

## Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

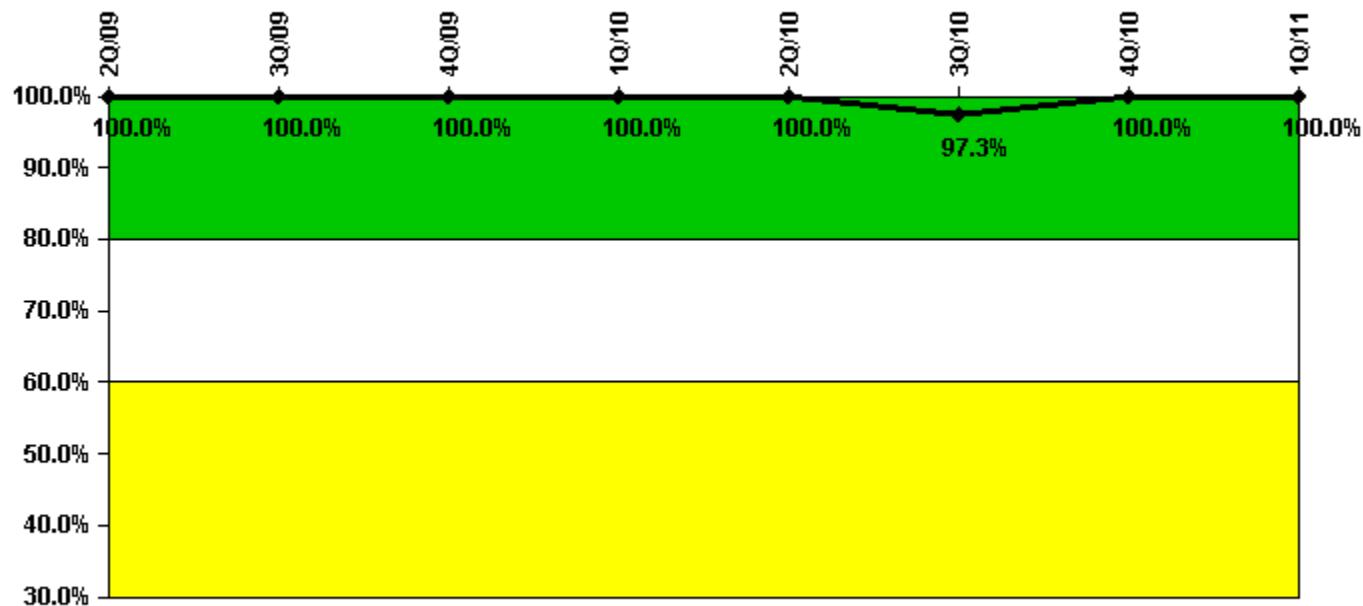
### Notes

| Drill/Exercise Performance | 2Q/09        | 3Q/09        | 4Q/09        | 1Q/10        | 2Q/10        | 3Q/10        | 4Q/10        | 1Q/11        |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful opportunities   | 44.0         | 48.0         | 44.0         | 20.0         | 55.0         | 16.0         | 36.0         | 0            |
| Total opportunities        | 44.0         | 48.0         | 46.0         | 20.0         | 56.0         | 16.0         | 37.0         | 0            |
| <b>Indicator value</b>     | <b>98.1%</b> | <b>98.7%</b> | <b>98.0%</b> | <b>98.4%</b> | <b>99.1%</b> | <b>99.0%</b> | <b>98.6%</b> | <b>98.5%</b> |

Licensee Comments: none

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## ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

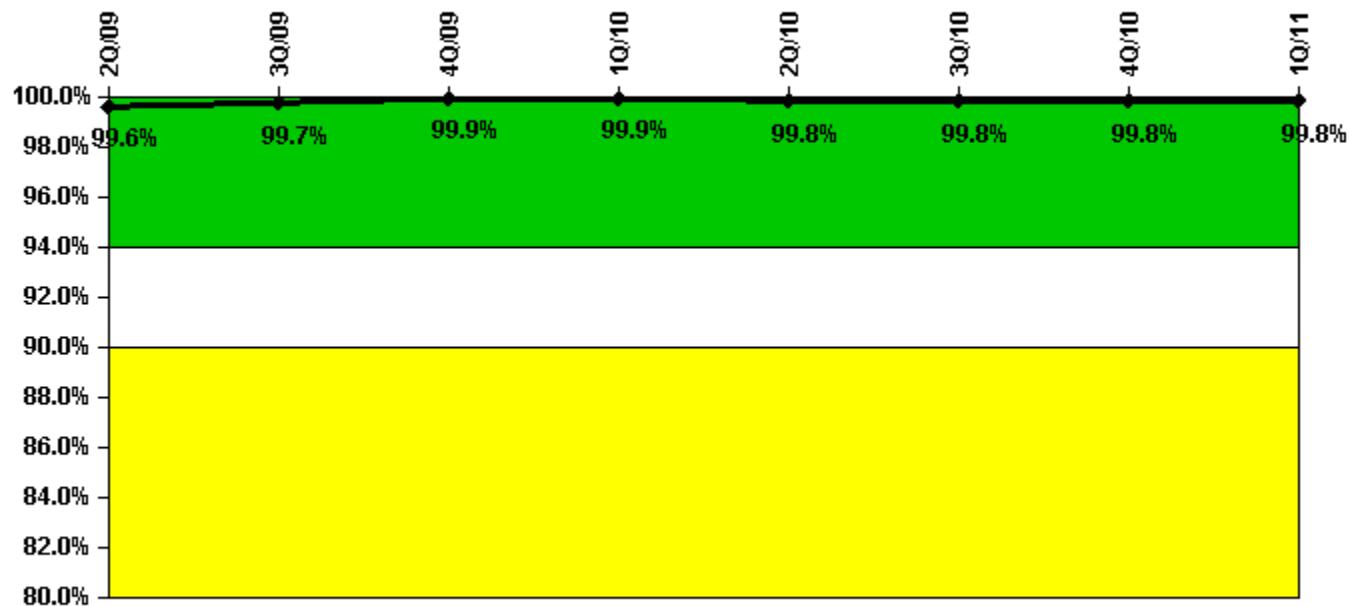
### Notes

| ERO Drill Participation     | 2Q/09         | 3Q/09         | 4Q/09         | 1Q/10         | 2Q/10         | 3Q/10        | 4Q/10         | 1Q/11         |
|-----------------------------|---------------|---------------|---------------|---------------|---------------|--------------|---------------|---------------|
| Participating Key personnel | 66.0          | 68.0          | 68.0          | 70.0          | 77.0          | 72.0         | 70.0          | 65.0          |
| Total Key personnel         | 66.0          | 68.0          | 68.0          | 70.0          | 77.0          | 74.0         | 70.0          | 65.0          |
| <b>Indicator value</b>      | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>97.3%</b> | <b>100.0%</b> | <b>100.0%</b> |

Licensee Comments: none

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## Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

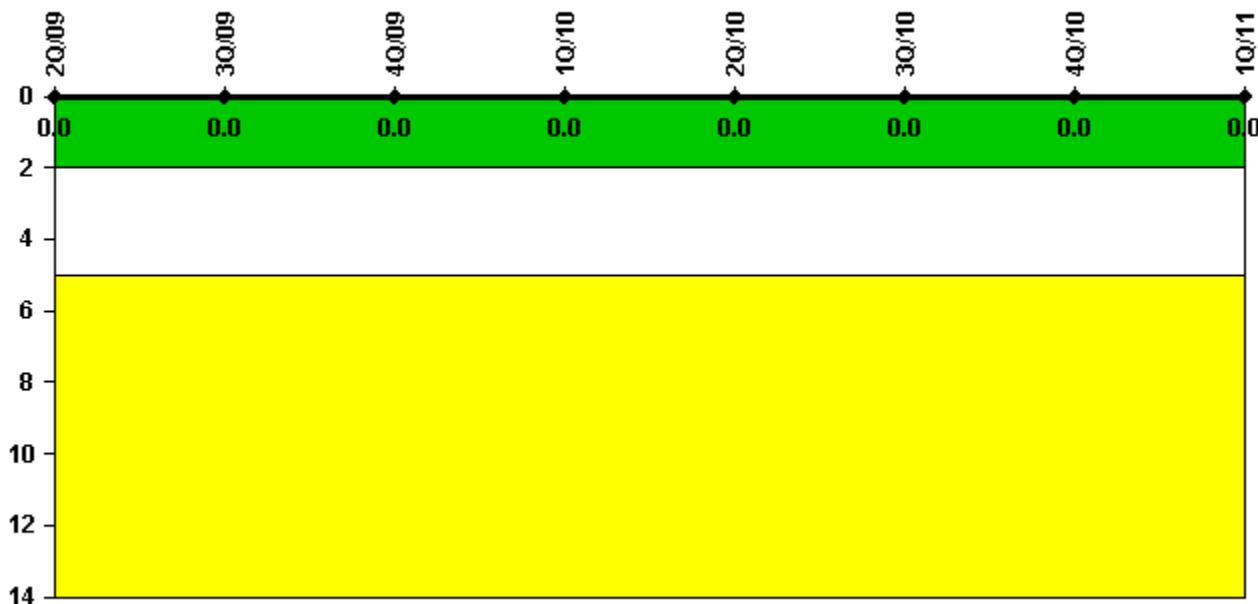
### Notes

| Alert & Notification System | 2Q/09        | 3Q/09        | 4Q/09        | 1Q/10        | 2Q/10        | 3Q/10        | 4Q/10        | 1Q/11        |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests      | 3199         | 3246         | 3198         | 2139         | 2167         | 2205         | 2210         | 2173         |
| Total sirens-tests          | 3200         | 3250         | 3200         | 2142         | 2176         | 2210         | 2210         | 2176         |
| <b>Indicator value</b>      | <b>99.6%</b> | <b>99.7%</b> | <b>99.9%</b> | <b>99.9%</b> | <b>99.8%</b> | <b>99.8%</b> | <b>99.8%</b> | <b>99.8%</b> |

Licensee Comments: none

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## Occupational Exposure Control Effectiveness



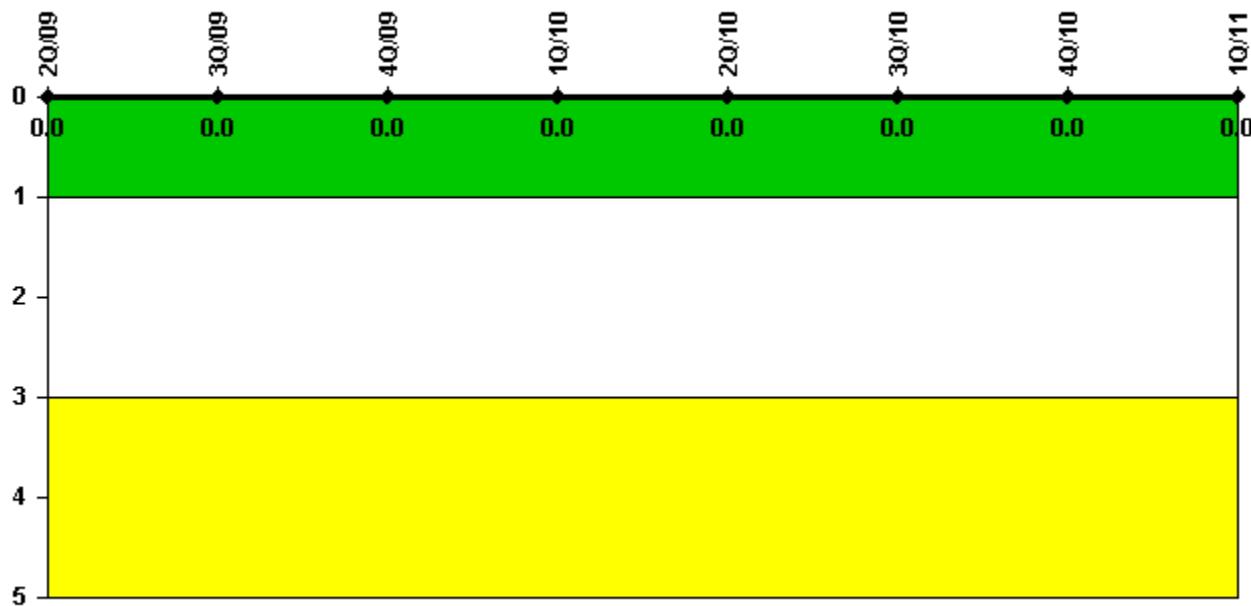
Thresholds: White > 2.0 Yellow > 5.0

### Notes

| Occupational Exposure Control Effectiveness | 2Q/09    | 3Q/09    | 4Q/09    | 1Q/10    | 2Q/10    | 3Q/10    | 4Q/10    | 1Q/11    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>0</b> |

Licensee Comments: none

## RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

### Notes

| RETS/ODCM Radiological Effluent | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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[Security](#) information not publicly available.

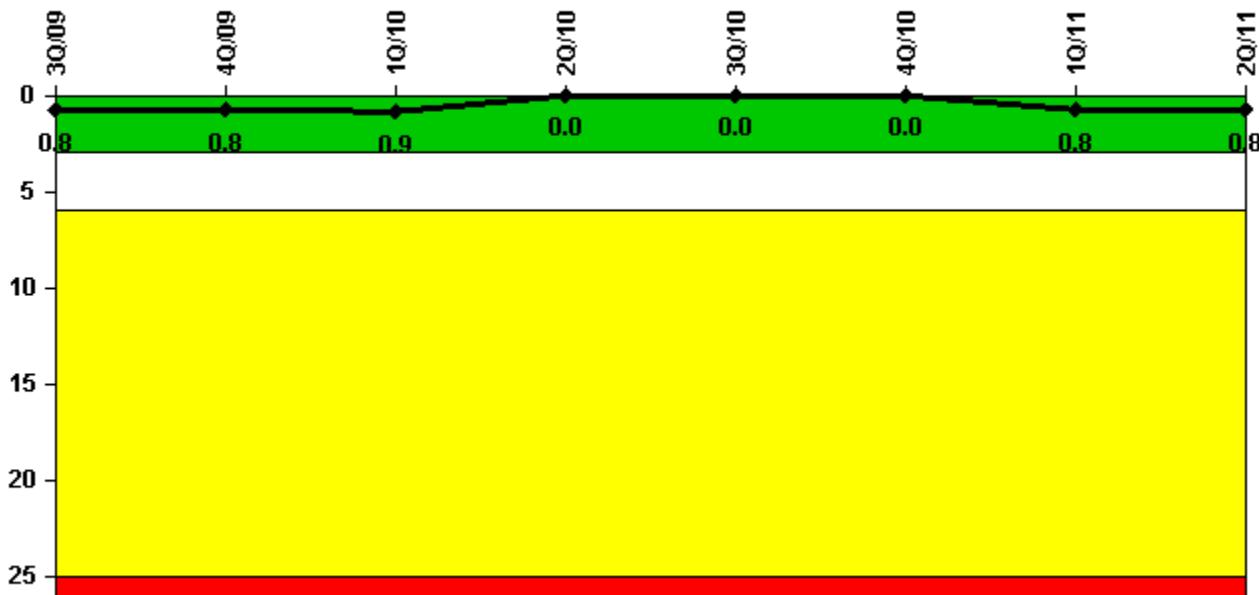
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# La Salle 1

## 2Q/2011 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



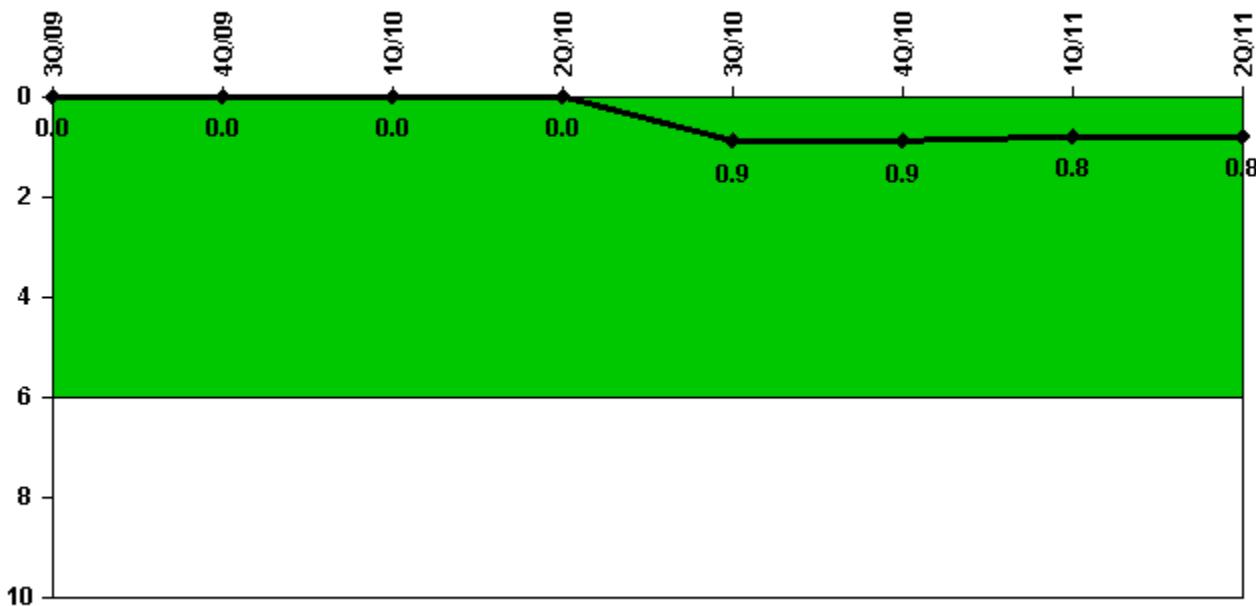
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

| Unplanned Scrams per 7000 Critical Hrs | 3Q/09  | 4Q/09  | 1Q/10  | 2Q/10  | 3Q/10  | 4Q/10  | 1Q/11  | 2Q/11  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 0      | 0      | 0      | 0      | 0      | 1.0    | 0      |
| Critical hours                         | 2146.0 | 2209.0 | 1550.2 | 2184.0 | 2208.0 | 2209.0 | 1968.1 | 2184.0 |
| Indicator value                        | 0.8    | 0.8    | 0.9    | 0      | 0      | 0      | 0.8    | 0.8    |

Licensee Comments: none

## Unplanned Power Changes per 7000 Critical Hrs



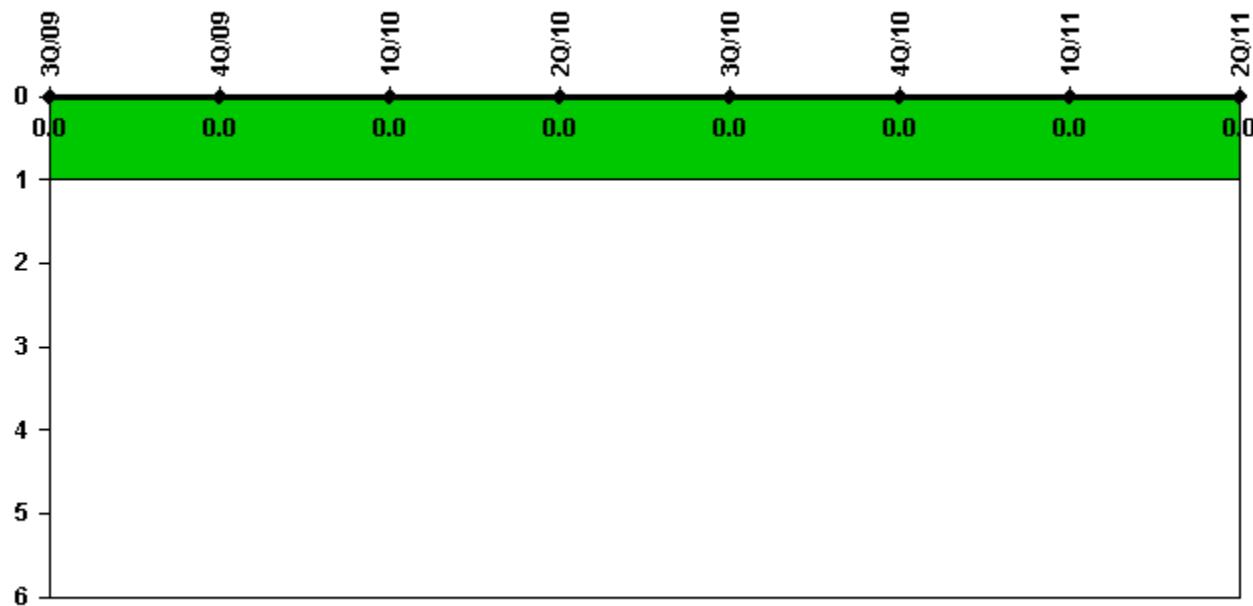
Thresholds: White > 6.0

### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 3Q/09    | 4Q/09    | 1Q/10    | 2Q/10    | 3Q/10      | 4Q/10      | 1Q/11      | 2Q/11      |
|---|----------|----------|----------|----------|------------|------------|------------|------------|
| Unplanned power changes                       | 0        | 0        | 0        | 0        | 1.0        | 0          | 0          | 0          |
| Critical hours                                | 2146.0   | 2209.0   | 1550.2   | 2184.0   | 2208.0     | 2209.0     | 1968.1     | 2184.0     |
| Indicator value                               | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0.9</b> | <b>0.9</b> | <b>0.8</b> | <b>0.8</b> |

Licensee Comments: none

## Unplanned Scrams with Complications



Thresholds: White > 1.0

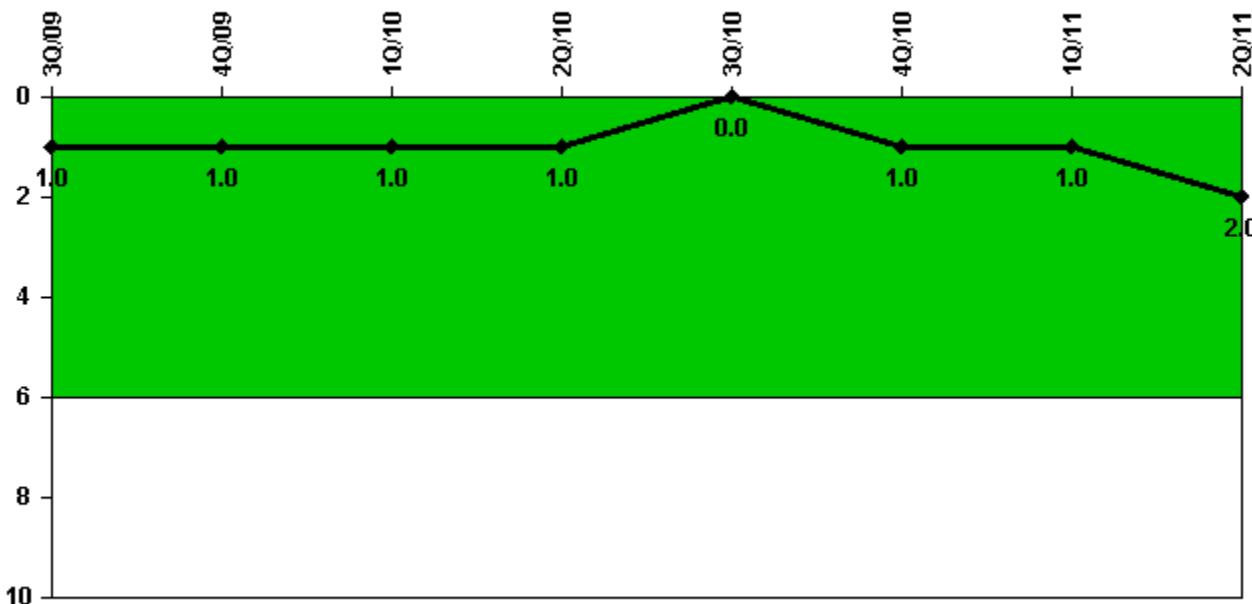
### Notes

| Unplanned Scrams with Complications | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 |
|-------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams with complications           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
|                                     |       |       |       |       |       |       |       |       |
|                                     |       |       |       |       |       |       |       |       |
| Indicator value                     | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

Licensee Comments: none

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## Safety System Functional Failures (BWR)



Thresholds: White > 6.0

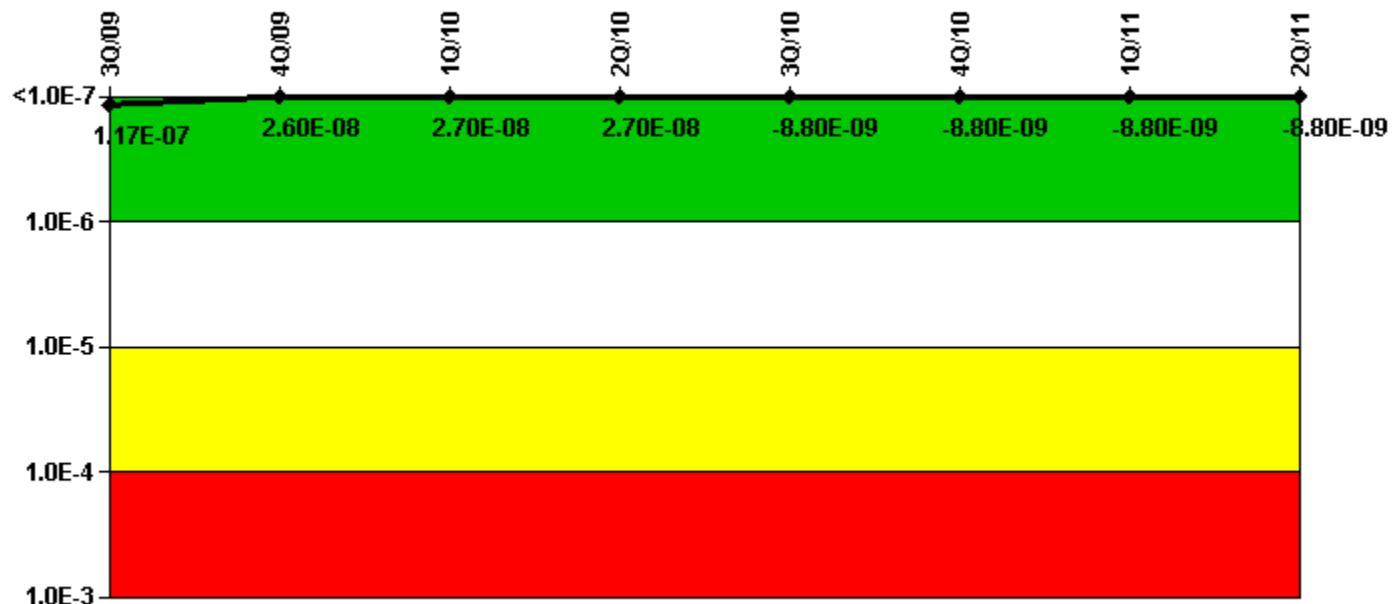
### Notes

| Safety System Functional Failures (BWR) | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures       | 1     | 0     | 0     | 0     | 0     | 1     | 0     | 1     |
| Indicator value                         | 1     | 1     | 1     | 1     | 0     | 1     | 1     | 2     |

Licensee Comments: none

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## Mitigating Systems Performance Index, Emergency AC Power System



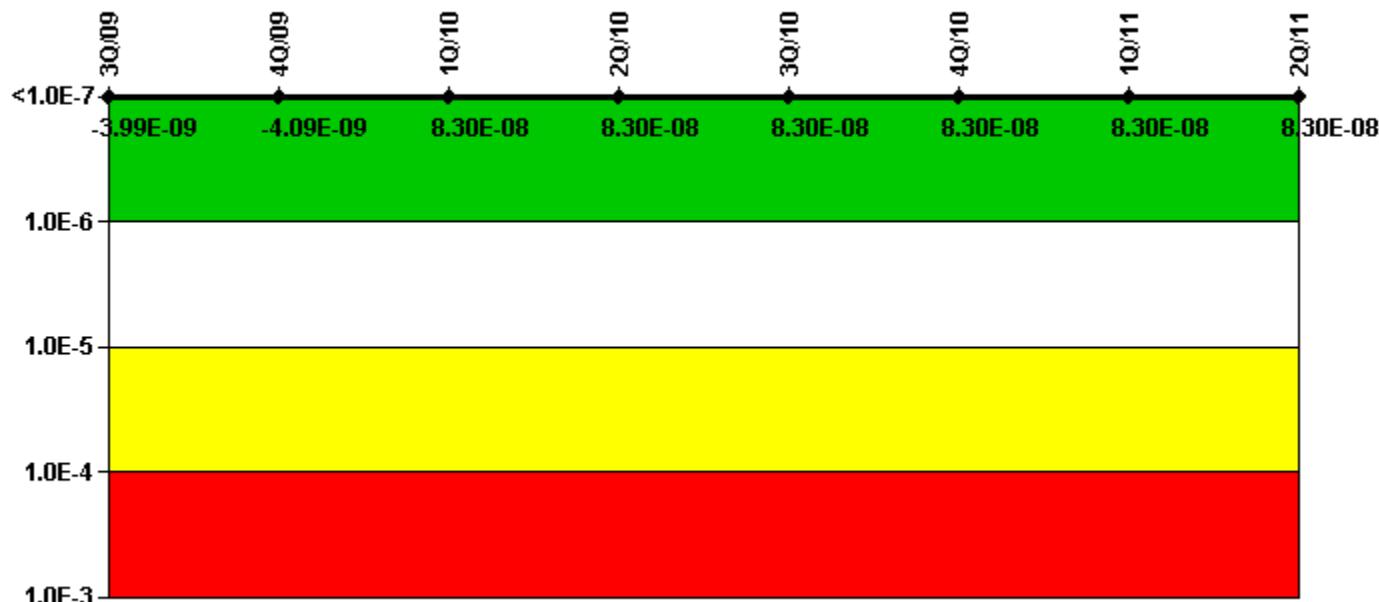
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 3Q/09           | 4Q/09           | 1Q/10           | 2Q/10           | 3Q/10            | 4Q/10            | 1Q/11            | 2Q/11            |
|---|-----------------|-----------------|-----------------|-----------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)   | -3.00E-09       | -3.00E-09       | -2.18E-09       | -2.18E-09       | -3.99E-09        | -3.99E-09        | -3.99E-09        | -3.99E-09        |
| URI ( $\Delta$ CDF)   | 1.20E-07        | 2.90E-08        | 2.90E-08        | 2.89E-08        | -4.81E-09        | -4.81E-09        | -4.81E-09        | -4.81E-09        |
| PLE   | NO              | NO              | NO              | NO              | NO               | NO               | NO               | NO               |
| Indicator value   | <b>1.17E-07</b> | <b>2.60E-08</b> | <b>2.70E-08</b> | <b>2.70E-08</b> | <b>-8.80E-09</b> | <b>-8.80E-09</b> | <b>-8.80E-09</b> | <b>-8.80E-09</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, High Pressure Injection System



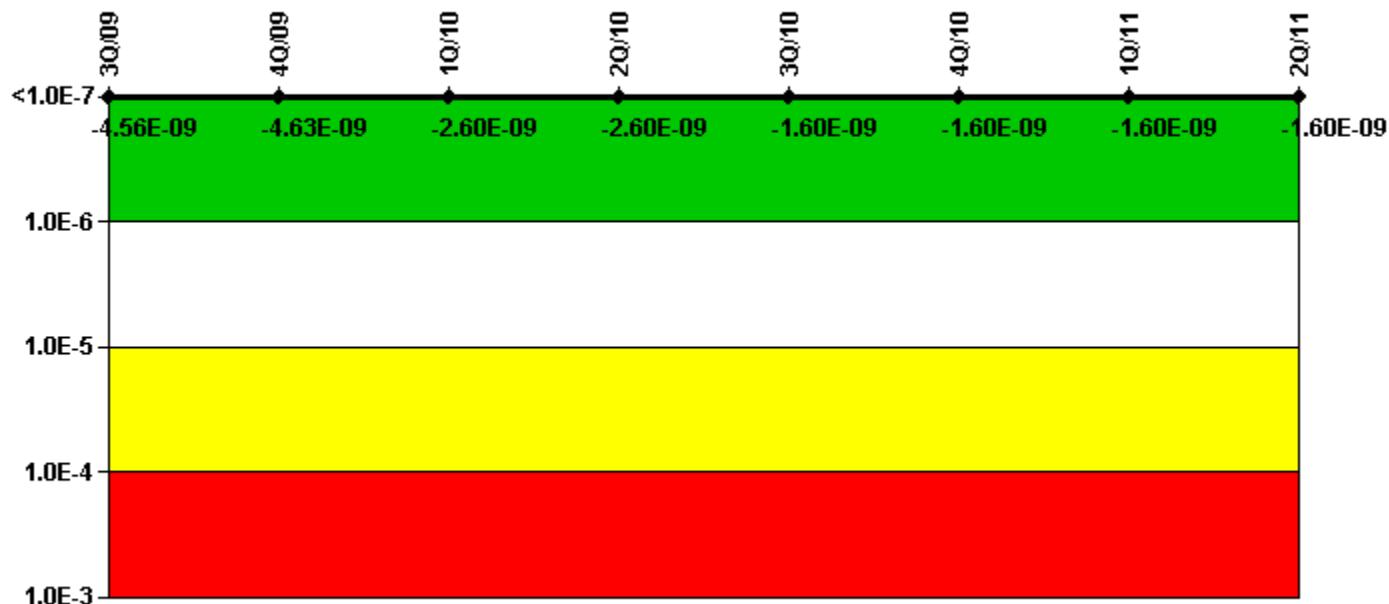
Thresholds: White >  $1.00\text{E-}6$  Yellow >  $1.00\text{E-}5$  Red >  $1.00\text{E-}4$

### Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 3Q/09            | 4Q/09            | 1Q/10           | 2Q/10           | 3Q/10           | 4Q/10           | 1Q/11           | 2Q/11           |
|--|------------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| UAI ( $\Delta$ CDF)  | -6.90E-10        | -6.90E-10        | 2.01E-09        | 2.01E-09        | 2.01E-09        | 2.01E-09        | 1.95E-09        | 1.95E-09        |
| URI ( $\Delta$ CDF)  | -3.30E-09        | -3.40E-09        | 8.12E-08        | 8.12E-08        | 8.12E-08        | 8.12E-08        | 8.12E-08        | 8.12E-08        |
| PLE  | NO               | NO               | NO              | NO              | NO              | NO              | NO              | NO              |
| Indicator value  | <b>-3.99E-09</b> | <b>-4.09E-09</b> | <b>8.30E-08</b> | <b>8.30E-08</b> | <b>8.30E-08</b> | <b>8.30E-08</b> | <b>8.30E-08</b> | <b>8.30E-08</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, Heat Removal System



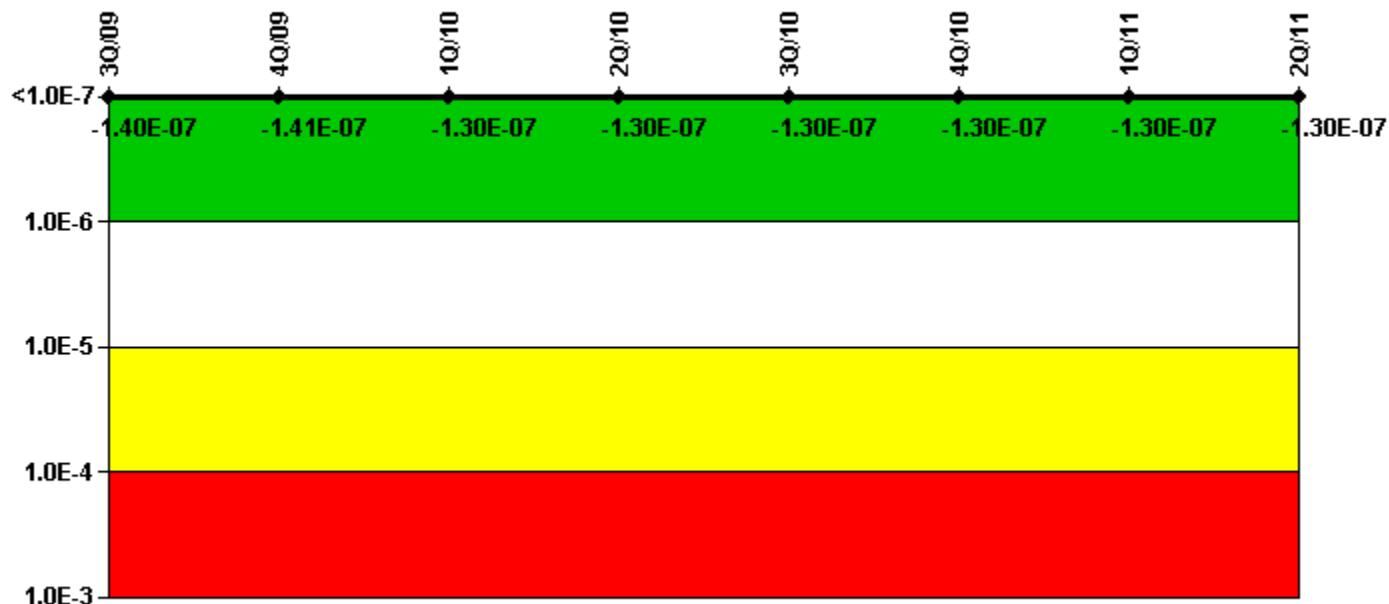
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Heat Removal System | 3Q/09            | 4Q/09            | 1Q/10            | 2Q/10            | 3Q/10            | 4Q/10            | 1Q/11            | 2Q/11            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)                                       | -4.50E-09        | -4.50E-09        | -2.39E-09        | -2.39E-09        | -1.40E-09        | -1.40E-09        | -1.42E-09        | -1.42E-09        |
| URI ( $\Delta$ CDF)                                       | -5.60E-11        | -1.30E-10        | -1.95E-10        | -2.00E-10        | -2.03E-10        | -2.03E-10        | -2.03E-10        | -2.03E-10        |
| PLE   | NO               |
| Indicator value   | <b>-4.56E-09</b> | <b>-4.63E-09</b> | <b>-2.60E-09</b> | <b>-2.60E-09</b> | <b>-1.60E-09</b> | <b>-1.60E-09</b> | <b>-1.60E-09</b> | <b>-1.60E-09</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, Residual Heat Removal System



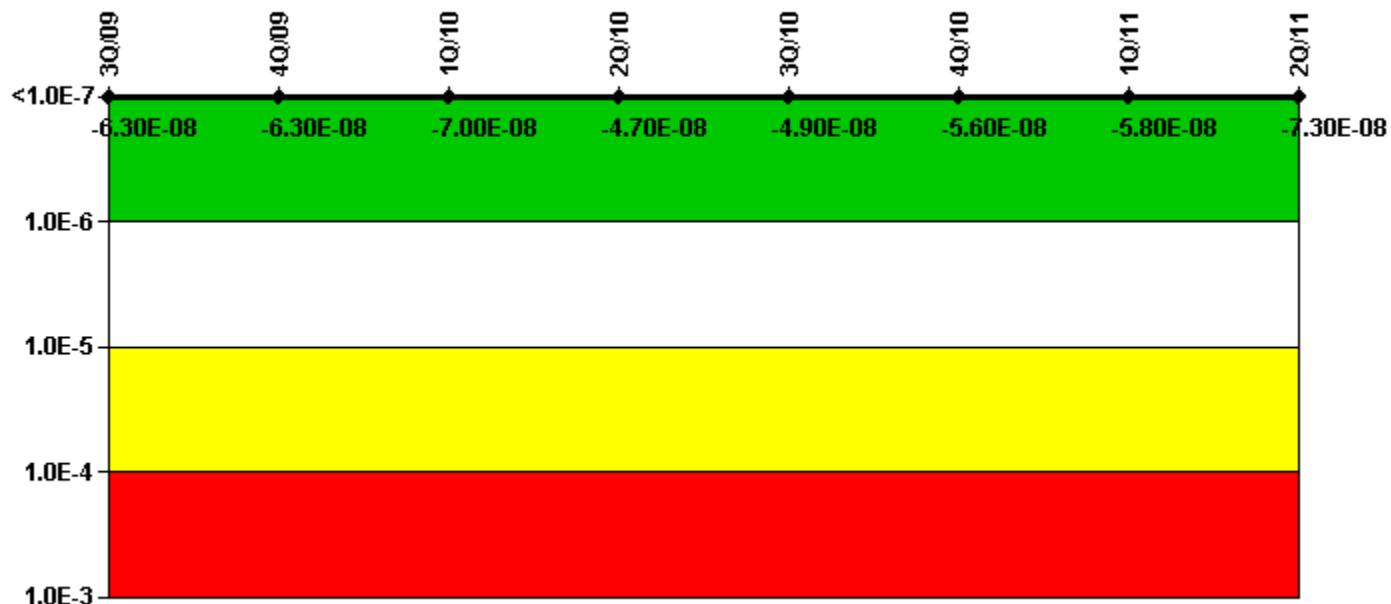
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 3Q/09            | 4Q/09            | 1Q/10            | 2Q/10            | 3Q/10            | 4Q/10            | 1Q/11            | 2Q/11            |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)  | -5.80E-08        | -5.80E-08        | -4.99E-08        | -4.99E-08        | -4.99E-08        | -4.90E-08        | -4.90E-08        | -4.90E-08        |
| URI ( $\Delta$ CDF)  | -8.20E-08        | -8.30E-08        | -8.44E-08        | -8.44E-08        | -8.44E-08        | -8.44E-08        | -8.44E-08        | -8.44E-08        |
| PLE  | NO               |
| Indicator value  | <b>-1.40E-07</b> | <b>-1.41E-07</b> | <b>-1.30E-07</b> | <b>-1.30E-07</b> | <b>-1.30E-07</b> | <b>-1.30E-07</b> | <b>-1.30E-07</b> | <b>-1.30E-07</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, Cooling Water Systems



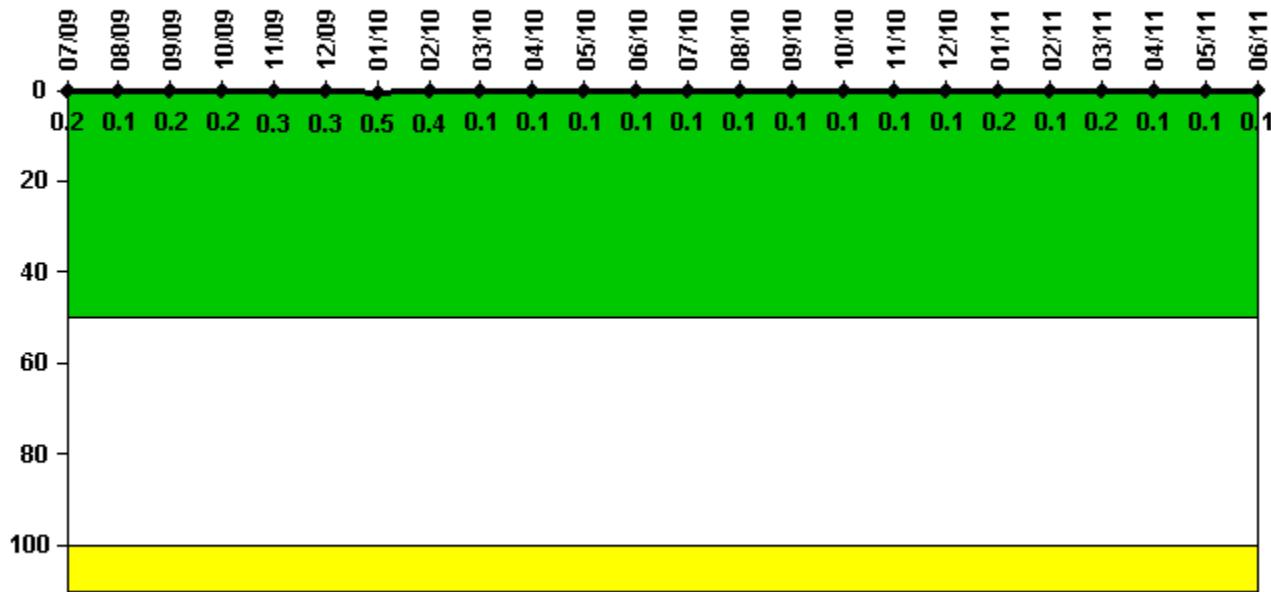
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 3Q/09            | 4Q/09            | 1Q/10            | 2Q/10            | 3Q/10            | 4Q/10            | 1Q/11            | 2Q/11            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)   | 4.70E-08         | 4.70E-08         | 3.40E-08         | 5.71E-08         | 5.50E-08         | 4.83E-08         | 4.66E-08         | 3.10E-08         |
| URI ( $\Delta$ CDF)   | -1.10E-07        | -1.10E-07        | -1.04E-07        | -1.04E-07        | -1.04E-07        | -1.04E-07        | -1.04E-07        | -1.04E-07        |
| PLE   | NO               |
| Indicator value   | <b>-6.30E-08</b> | <b>-6.30E-08</b> | <b>-7.00E-08</b> | <b>-4.70E-08</b> | <b>-4.90E-08</b> | <b>-5.60E-08</b> | <b>-5.80E-08</b> | <b>-7.30E-08</b> |

Licensee Comments: none

## Reactor Coolant System Activity



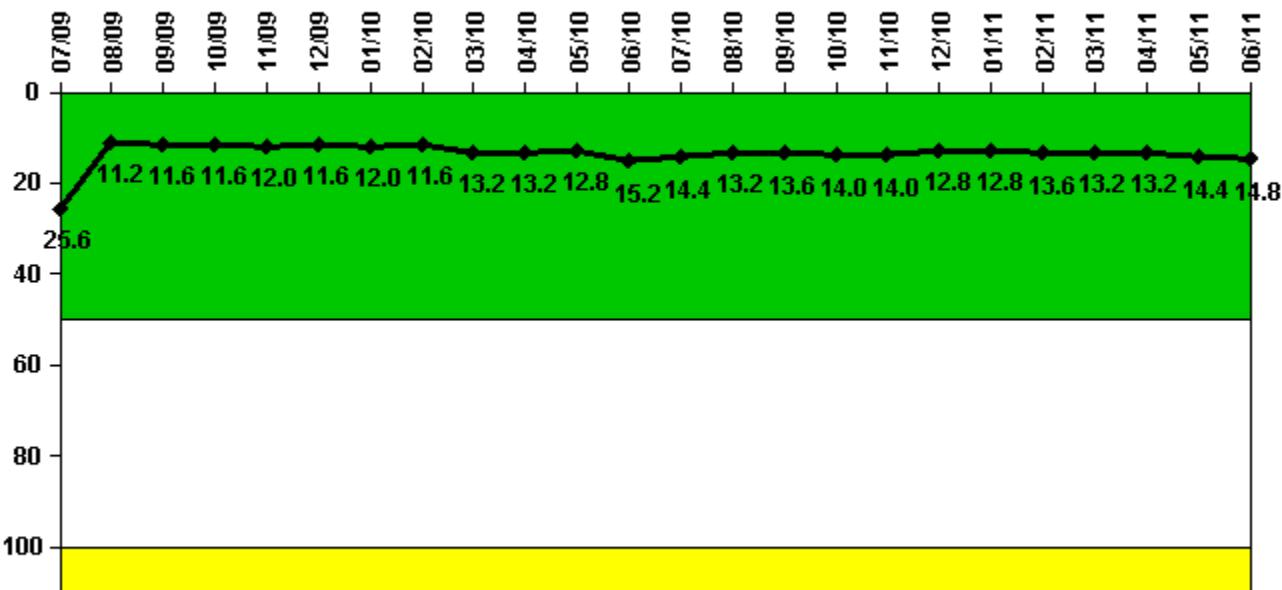
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Activity | 7/09     | 8/09     | 9/09     | 10/09    | 11/09    | 12/09    | 1/10     | 2/10     | 3/10     | 4/10     | 5/10     | 6/10     |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity                | 0.000446 | 0.000257 | 0.000426 | 0.000451 | 0.000584 | 0.000669 | 0.000934 | 0.000745 | 0.000236 | 0.000244 | 0.000253 | 0.000276 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0.2      | 0.1      | 0.2      | 0.2      | 0.3      | 0.3      | 0.5      | 0.4      | 0.1      | 0.1      | 0.1      | 0.1      |
| Reactor Coolant System Activity | 7/10     | 8/10     | 9/10     | 10/10    | 11/10    | 12/10    | 1/11     | 2/11     | 3/11     | 4/11     | 5/11     | 6/11     |
| Maximum activity                | 0.000279 | 0.000279 | 0.000275 | 0.000280 | 0.000298 | 0.000296 | 0.000322 | 0.000247 | 0.000311 | 0.000268 | 0.000249 | 0.000299 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.2      | 0.1      | 0.2      | 0.1      | 0.1      | 0.1      |

Licensee Comments: none

## Reactor Coolant System Leakage



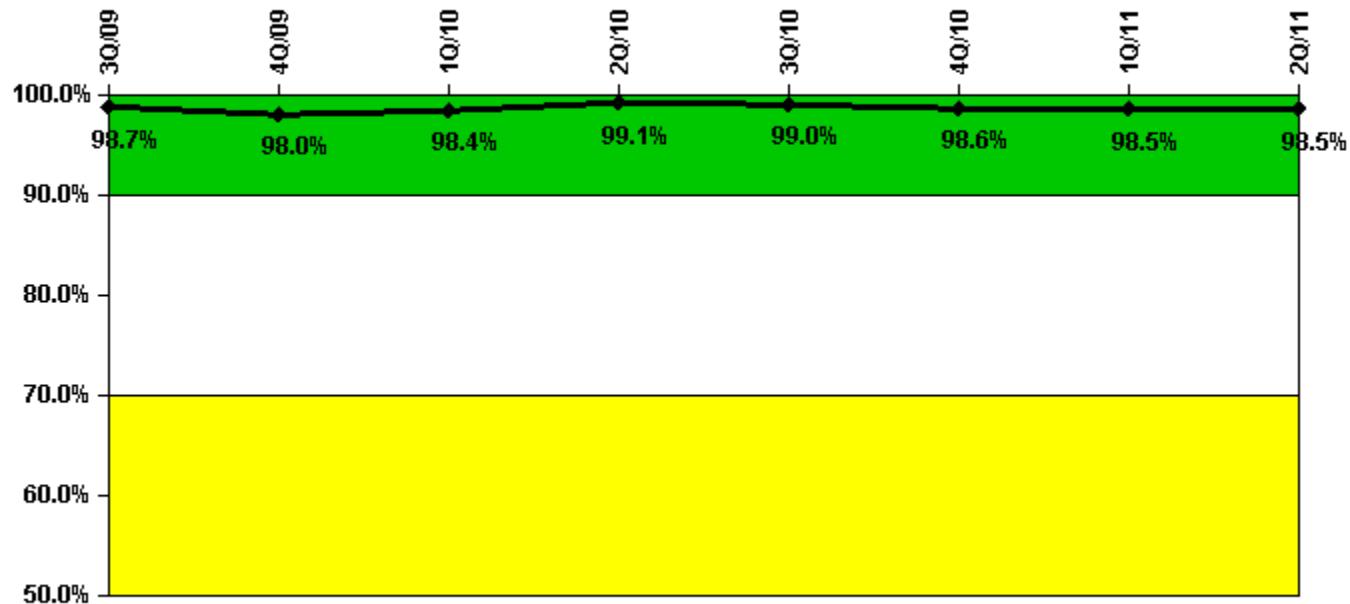
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Leakage | 7/09        | 8/09        | 9/09        | 10/09       | 11/09       | 12/09       | 1/10        | 2/10        | 3/10        | 4/10        | 5/10        | 6/10        |
|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Maximum leakage                | 6.400       | 2.800       | 2.900       | 2.900       | 3.000       | 2.900       | 3.000       | 2.900       | 3.300       | 3.300       | 3.200       | 3.800       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| <b>Indicator value</b>         | <b>25.6</b> | <b>11.2</b> | <b>11.6</b> | <b>11.6</b> | <b>12.0</b> | <b>11.6</b> | <b>12.0</b> | <b>11.6</b> | <b>13.2</b> | <b>13.2</b> | <b>12.8</b> | <b>15.2</b> |
| Reactor Coolant System Leakage | 7/10        | 8/10        | 9/10        | 10/10       | 11/10       | 12/10       | 1/11        | 2/11        | 3/11        | 4/11        | 5/11        | 6/11        |
| Maximum leakage                | 3.600       | 3.300       | 3.400       | 3.500       | 3.500       | 3.200       | 3.200       | 3.400       | 3.300       | 3.300       | 3.600       | 3.700       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| <b>Indicator value</b>         | <b>14.4</b> | <b>13.2</b> | <b>13.6</b> | <b>14.0</b> | <b>14.0</b> | <b>12.8</b> | <b>12.8</b> | <b>13.6</b> | <b>13.2</b> | <b>13.2</b> | <b>14.4</b> | <b>14.8</b> |

Licensee Comments: none

## Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

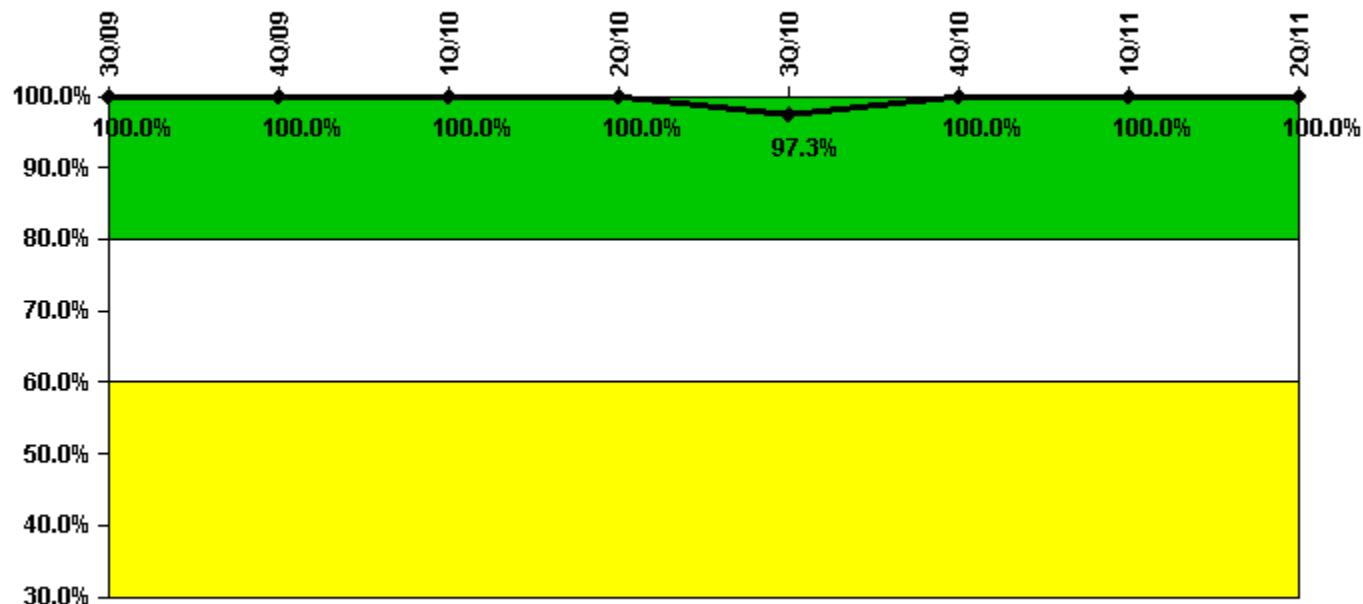
### Notes

| Drill/Exercise Performance | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities   | 48.0  | 44.0  | 20.0  | 55.0  | 16.0  | 36.0  | 0     | 40.0  |
| Total opportunities        | 48.0  | 46.0  | 20.0  | 56.0  | 16.0  | 37.0  | 0     | 40.0  |
| Indicator value            | 98.7% | 98.0% | 98.4% | 99.1% | 99.0% | 98.6% | 98.5% | 98.5% |

Licensee Comments: none

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## ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

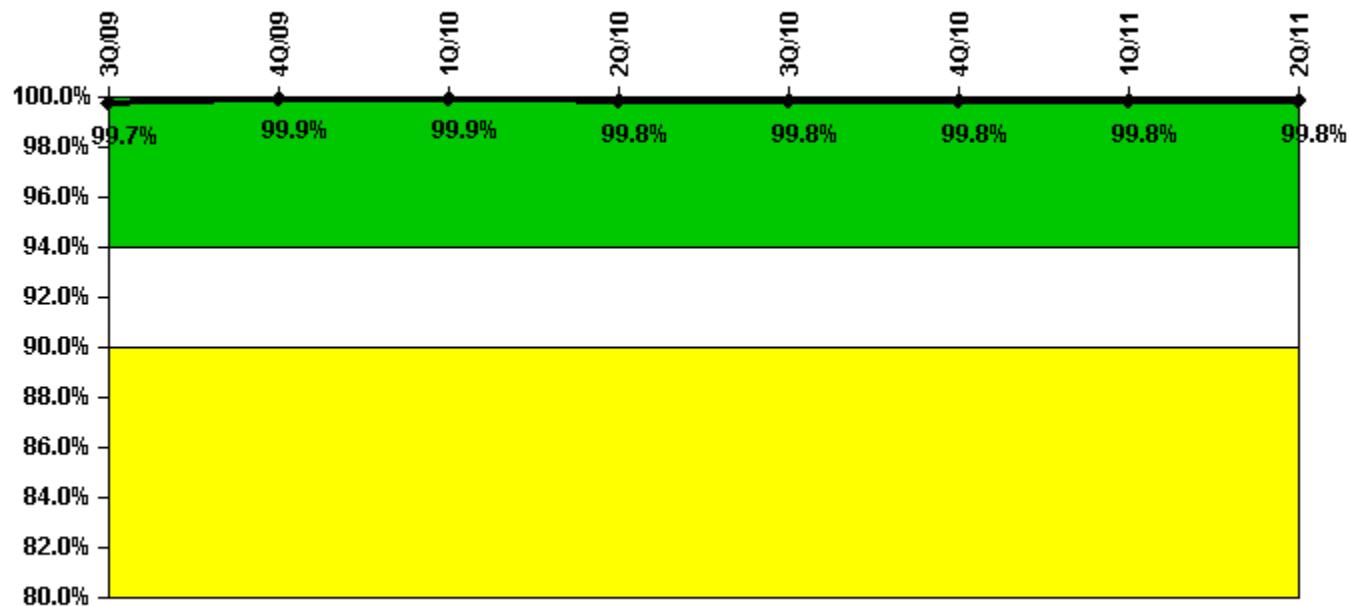
### Notes

| ERO Drill Participation     | 3Q/09         | 4Q/09         | 1Q/10         | 2Q/10         | 3Q/10        | 4Q/10         | 1Q/11         | 2Q/11         |
|-----------------------------|---------------|---------------|---------------|---------------|--------------|---------------|---------------|---------------|
| Participating Key personnel | 68.0          | 68.0          | 70.0          | 77.0          | 72.0         | 70.0          | 65.0          | 63.0          |
| Total Key personnel         | 68.0          | 68.0          | 70.0          | 77.0          | 74.0         | 70.0          | 65.0          | 63.0          |
| <b>Indicator value</b>      | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>97.3%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> |

Licensee Comments: none

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## Alert & Notification System



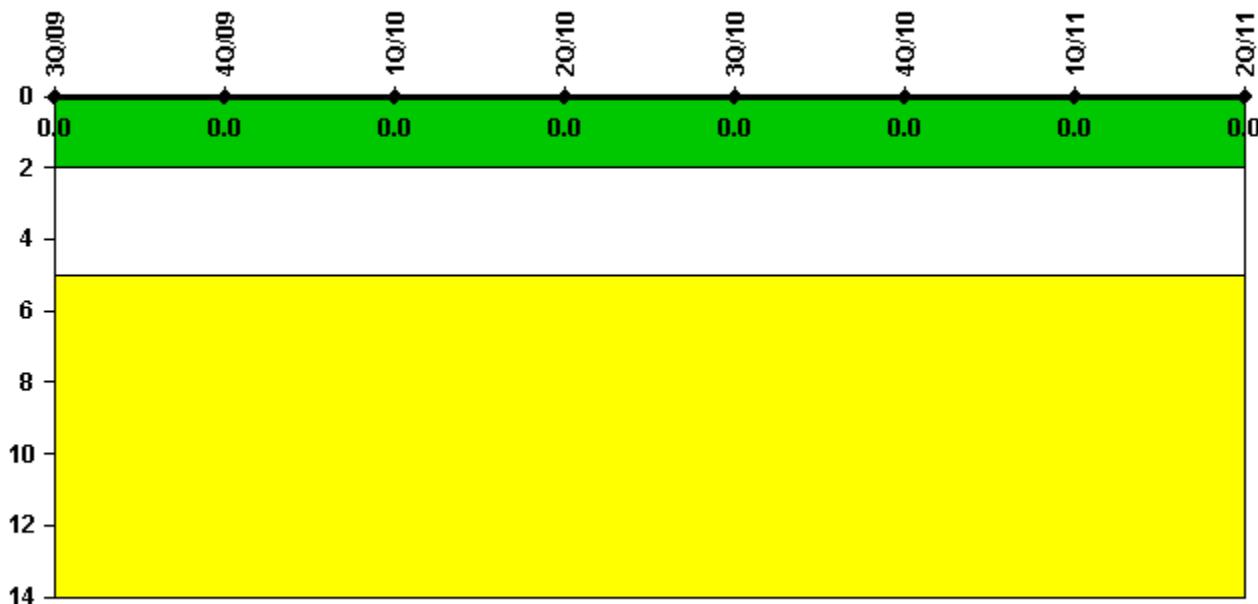
Thresholds: White < 94.0% Yellow < 90.0%

### Notes

| Alert & Notification System | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests      | 3246  | 3198  | 2139  | 2167  | 2205  | 2210  | 2173  | 2170  |
| Total sirens-tests          | 3250  | 3200  | 2142  | 2176  | 2210  | 2210  | 2176  | 2176  |
| Indicator value             | 99.7% | 99.9% | 99.9% | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% |

Licensee Comments: none

## Occupational Exposure Control Effectiveness



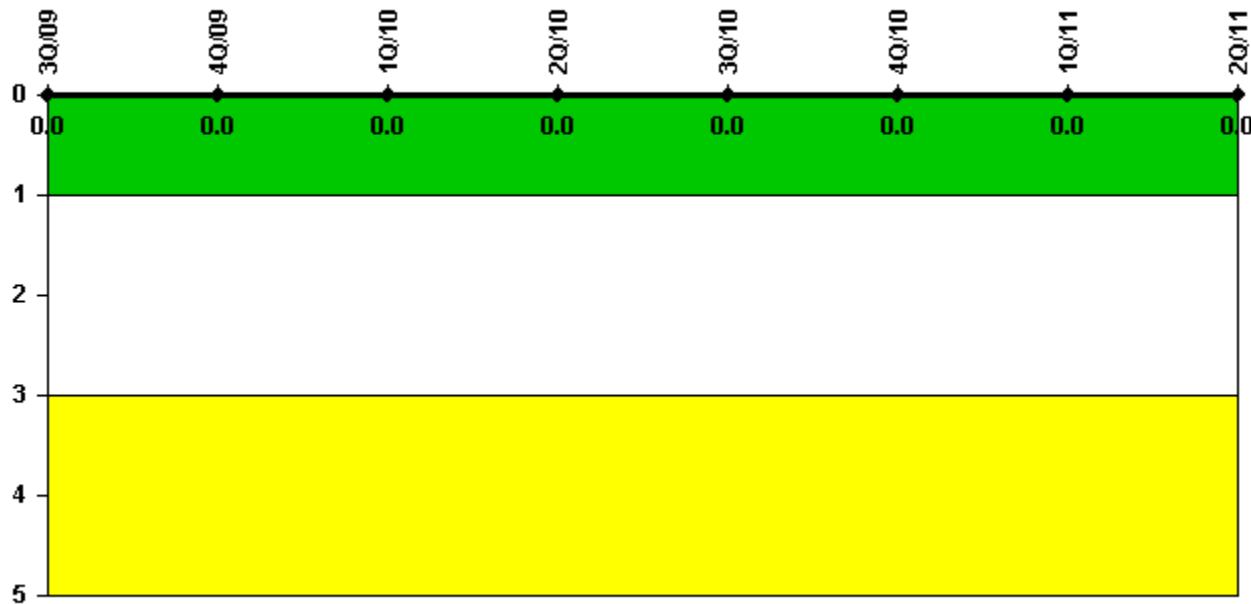
Thresholds: White > 2.0 Yellow > 5.0

### Notes

| Occupational Exposure Control Effectiveness | 3Q/09    | 4Q/09    | 1Q/10    | 2Q/10    | 3Q/10    | 4Q/10    | 1Q/11    | 2Q/11    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>0</b> |

Licensee Comments: none

## RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

### Notes

| RETS/ODCM Radiological Effluent | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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Security information not publicly available.

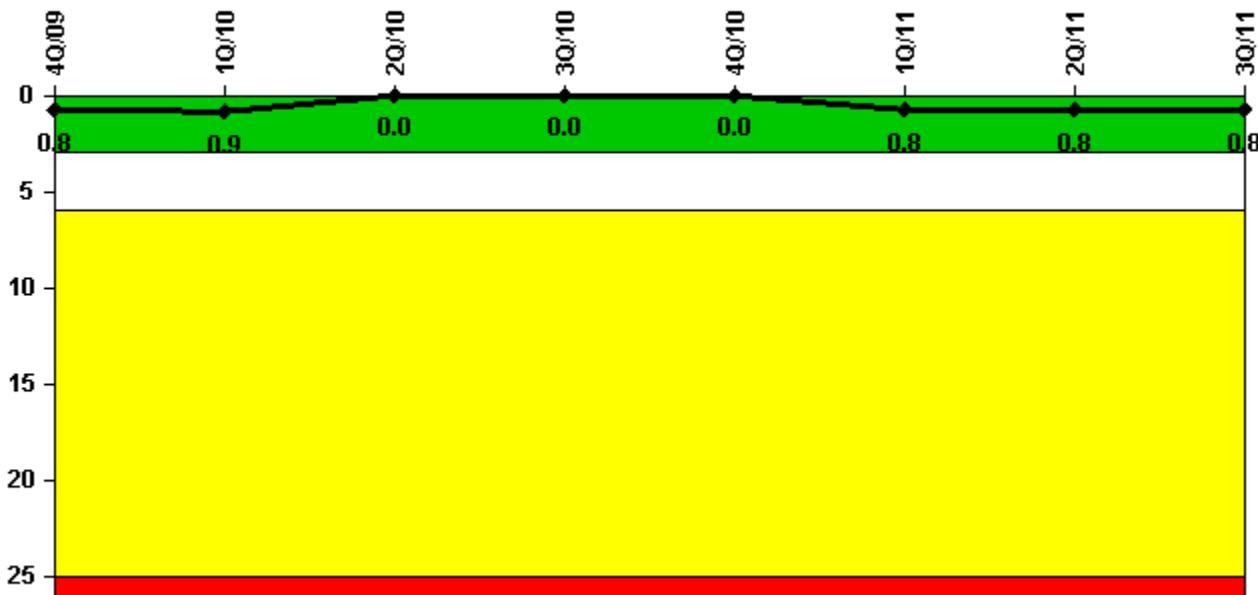
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# La Salle 1

## 3Q/2011 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



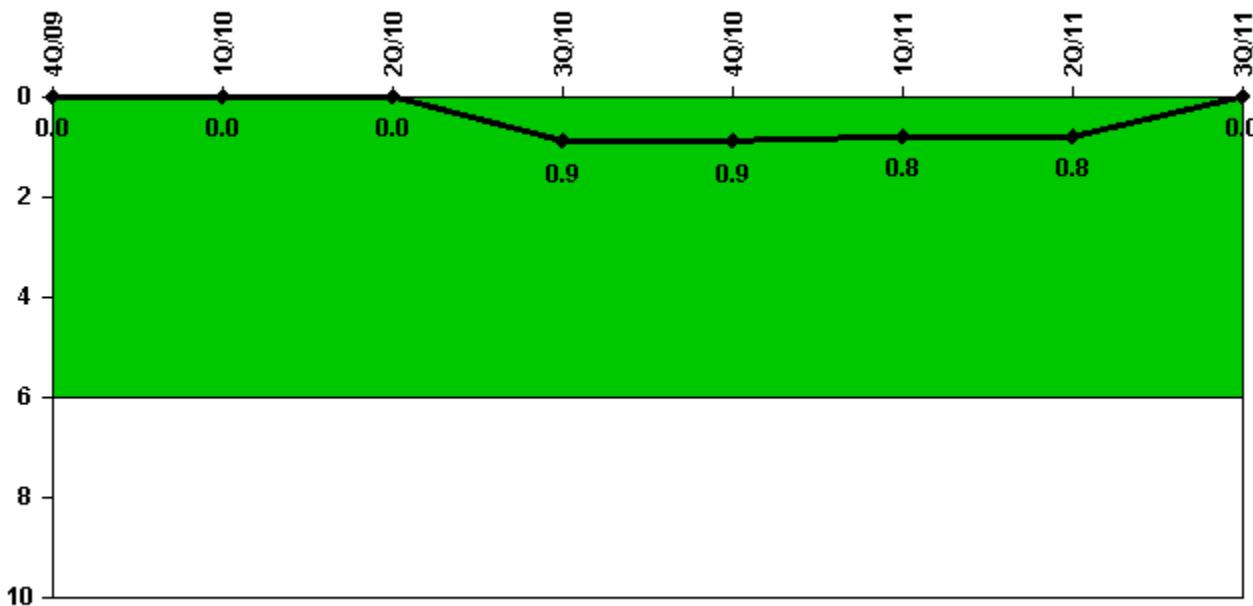
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

| Unplanned Scrams per 7000 Critical Hrs | 4Q/09  | 1Q/10  | 2Q/10  | 3Q/10  | 4Q/10  | 1Q/11  | 2Q/11  | 3Q/11  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 0      | 0      | 0      | 0      | 1.0    | 0      | 0      |
| Critical hours                         | 2209.0 | 1550.2 | 2184.0 | 2208.0 | 2209.0 | 1968.1 | 2184.0 | 2208.0 |
| Indicator value                        | 0.8    | 0.9    | 0      | 0      | 0      | 0.8    | 0.8    | 0.8    |

Licensee Comments: none

## Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

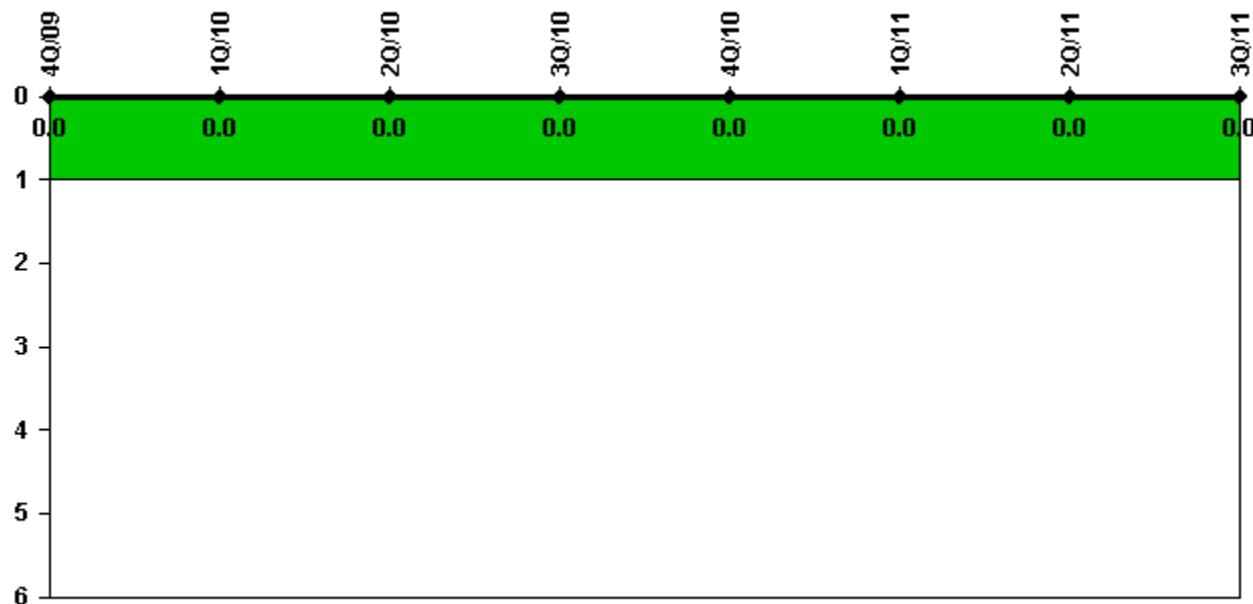
### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 4Q/09    | 1Q/10    | 2Q/10    | 3Q/10      | 4Q/10      | 1Q/11      | 2Q/11      | 3Q/11    |
|---|----------|----------|----------|------------|------------|------------|------------|----------|
| Unplanned power changes                       | 0        | 0        | 0        | 1.0        | 0          | 0          | 0          | 0        |
| Critical hours                                | 2209.0   | 1550.2   | 2184.0   | 2208.0     | 2209.0     | 1968.1     | 2184.0     | 2208.0   |
| Indicator value                               | <b>0</b> | <b>0</b> | <b>0</b> | <b>0.9</b> | <b>0.9</b> | <b>0.8</b> | <b>0.8</b> | <b>0</b> |

Licensee Comments: none

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## Unplanned Scrams with Complications



Thresholds: White > 1.0

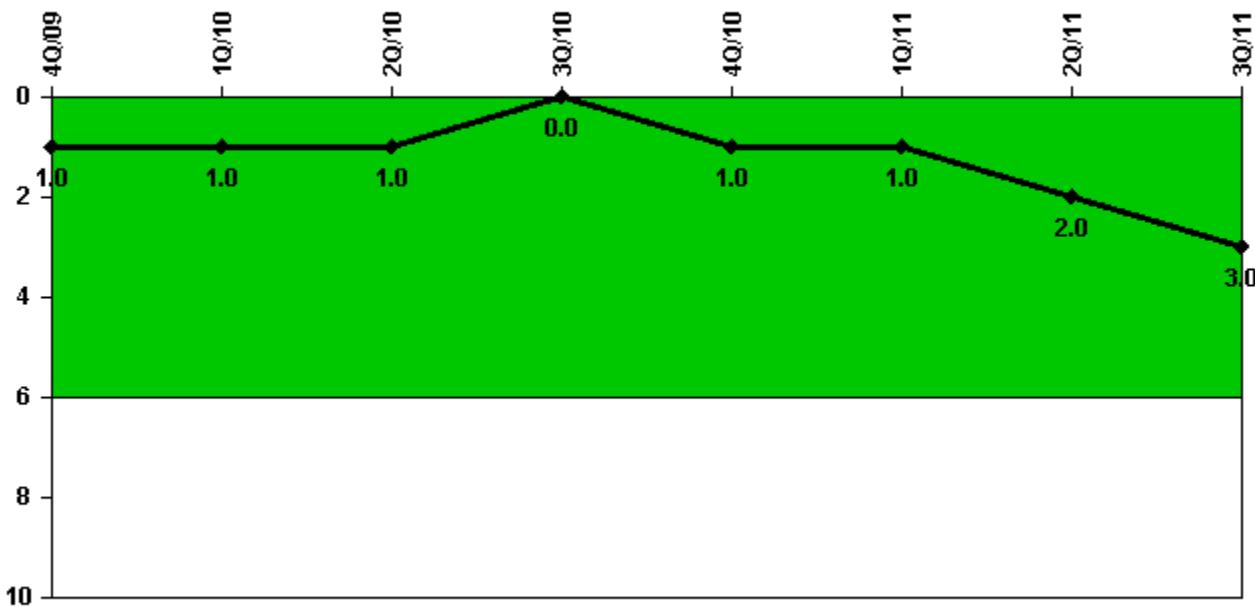
### Notes

| Unplanned Scrams with Complications | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 |
|-------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams with complications           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
|                                     |       |       |       |       |       |       |       |       |
|                                     |       |       |       |       |       |       |       |       |
| Indicator value                     | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

Licensee Comments: none

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## Safety System Functional Failures (BWR)



Thresholds: White > 6.0

### Notes

| Safety System Functional Failures (BWR) | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures       | 0     | 0     | 0     | 0     | 1     | 0     | 1     | 1     |
| Indicator value                         | 1     | 1     | 1     | 0     | 1     | 1     | 2     | 3     |

Licensee Comments:

3Q/11: LER 373-11004

2Q/11: LER 373-11003

4Q/10: LER 373-10003

3Q/09: LER 373-09002

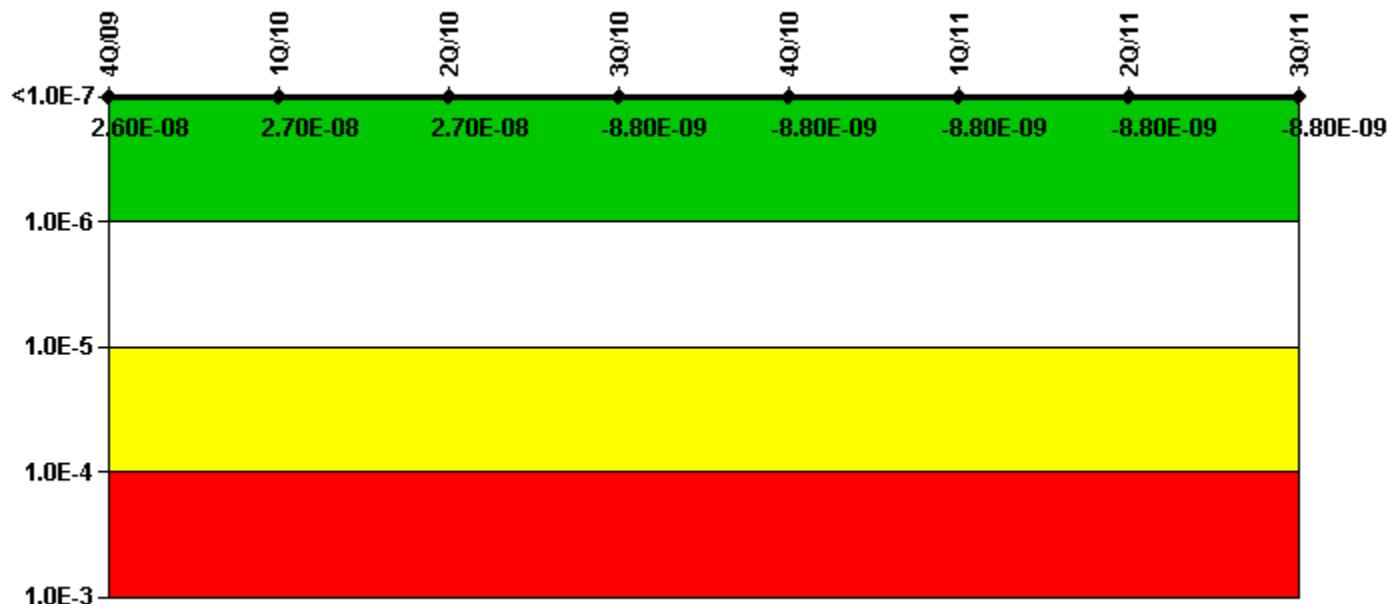
4Q/05: LER 373-05004

1Q/05: LER 373-05001

1Q/04: LER 373-03004

3Q/03: LER 373-03003

## Mitigating Systems Performance Index, Emergency AC Power System



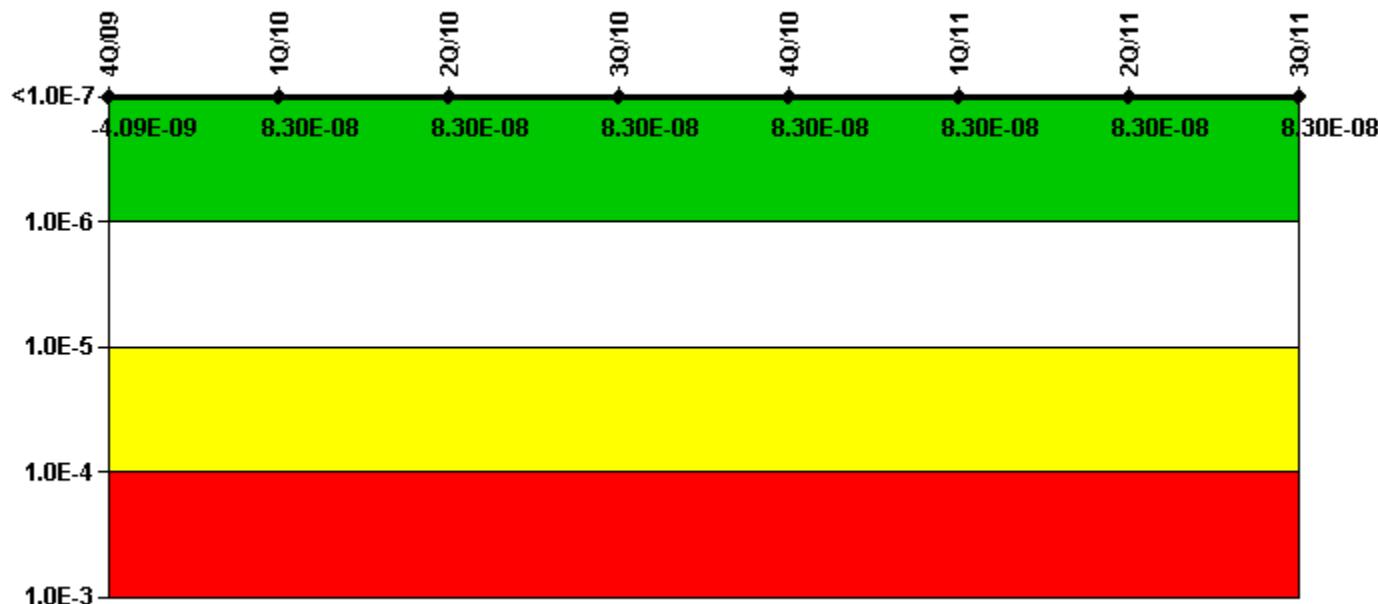
Thresholds: White >  $1.00E-6$  Yellow >  $1.00E-5$  Red >  $1.00E-4$

### Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 4Q/09       | 1Q/10       | 2Q/10       | 3Q/10       | 4Q/10       | 1Q/11       | 2Q/11       | 3Q/11       |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| UAI ( $\Delta$ CDF)   | $-3.00E-09$ | $-2.18E-09$ | $-2.18E-09$ | $-3.99E-09$ | $-3.99E-09$ | $-3.99E-09$ | $-3.99E-09$ | $-3.99E-09$ |
| URI ( $\Delta$ CDF)   | $2.90E-08$  | $2.90E-08$  | $2.89E-08$  | $-4.81E-09$ | $-4.81E-09$ | $-4.81E-09$ | $-4.81E-09$ | $-4.81E-09$ |
| PLE   | NO          |
| Indicator value   | $2.60E-08$  | $2.70E-08$  | $2.70E-08$  | $-8.80E-09$ | $-8.80E-09$ | $-8.80E-09$ | $-8.80E-09$ | $-8.80E-09$ |

Licensee Comments: none

## Mitigating Systems Performance Index, High Pressure Injection System



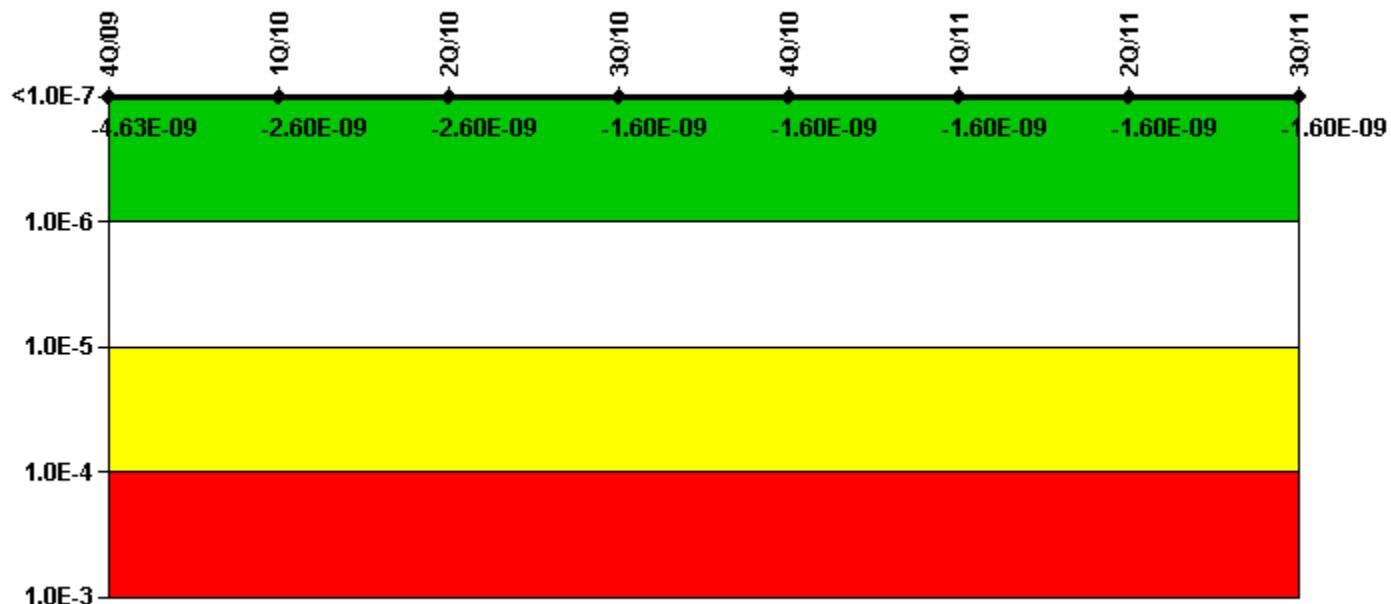
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 4Q/09     | 1Q/10    | 2Q/10    | 3Q/10    | 4Q/10    | 1Q/11    | 2Q/11    | 3Q/11    |
|--|-----------|----------|----------|----------|----------|----------|----------|----------|
| UAI ( $\Delta$ CDF)  | -6.90E-10 | 2.01E-09 | 2.01E-09 | 2.01E-09 | 2.01E-09 | 1.95E-09 | 1.95E-09 | 1.94E-09 |
| URI ( $\Delta$ CDF)  | -3.40E-09 | 8.12E-08 |
| PLE  | NO        | NO       | NO       | NO       | NO       | NO       | NO       | NO       |
| Indicator value  | -4.09E-09 | 8.30E-08 |

Licensee Comments: none

## Mitigating Systems Performance Index, Heat Removal System



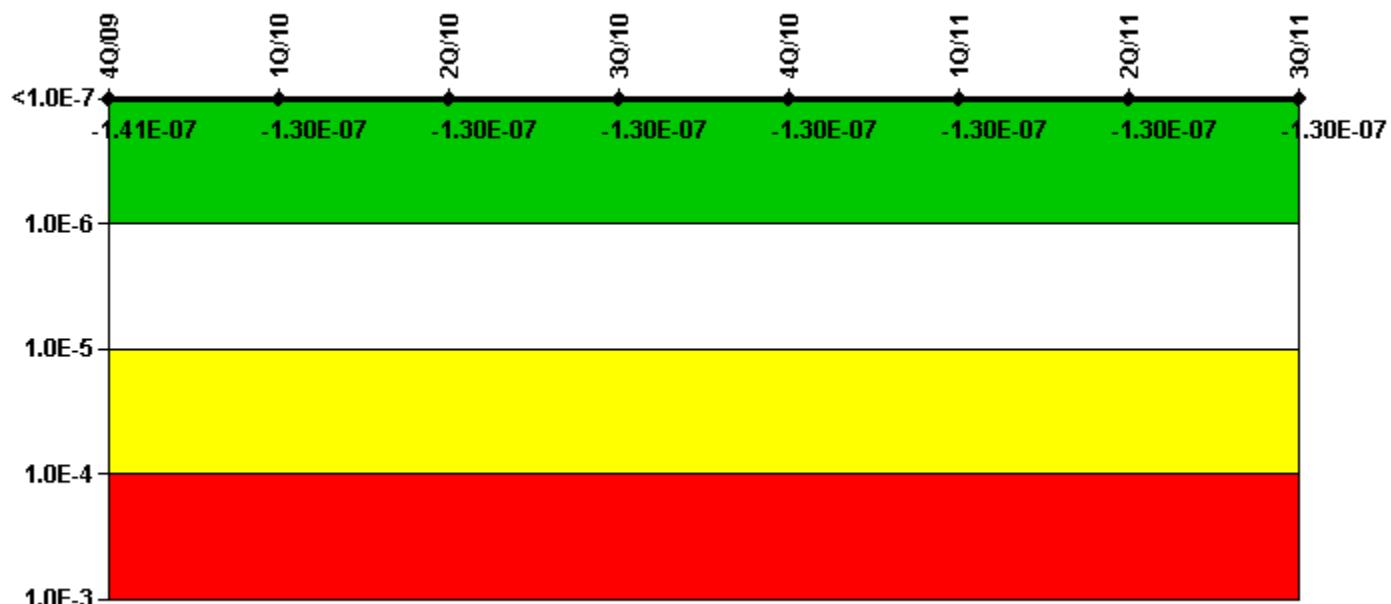
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Heat Removal System | 4Q/09            | 1Q/10            | 2Q/10            | 3Q/10            | 4Q/10            | 1Q/11            | 2Q/11            | 3Q/11            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)                                       | -4.50E-09        | -2.39E-09        | -2.39E-09        | -1.40E-09        | -1.40E-09        | -1.42E-09        | -1.42E-09        | -1.42E-09        |
| URI ( $\Delta$ CDF)                                       | -1.30E-10        | -1.95E-10        | -2.00E-10        | -2.03E-10        | -2.03E-10        | -2.03E-10        | -2.03E-10        | -2.03E-10        |
| PLE   | NO               |
| Indicator value   | <b>-4.63E-09</b> | <b>-2.60E-09</b> | <b>-2.60E-09</b> | <b>-1.60E-09</b> | <b>-1.60E-09</b> | <b>-1.60E-09</b> | <b>-1.60E-09</b> | <b>-1.60E-09</b> |

Licensee Comments: none

# Mitigating Systems Performance Index, Residual Heat Removal System



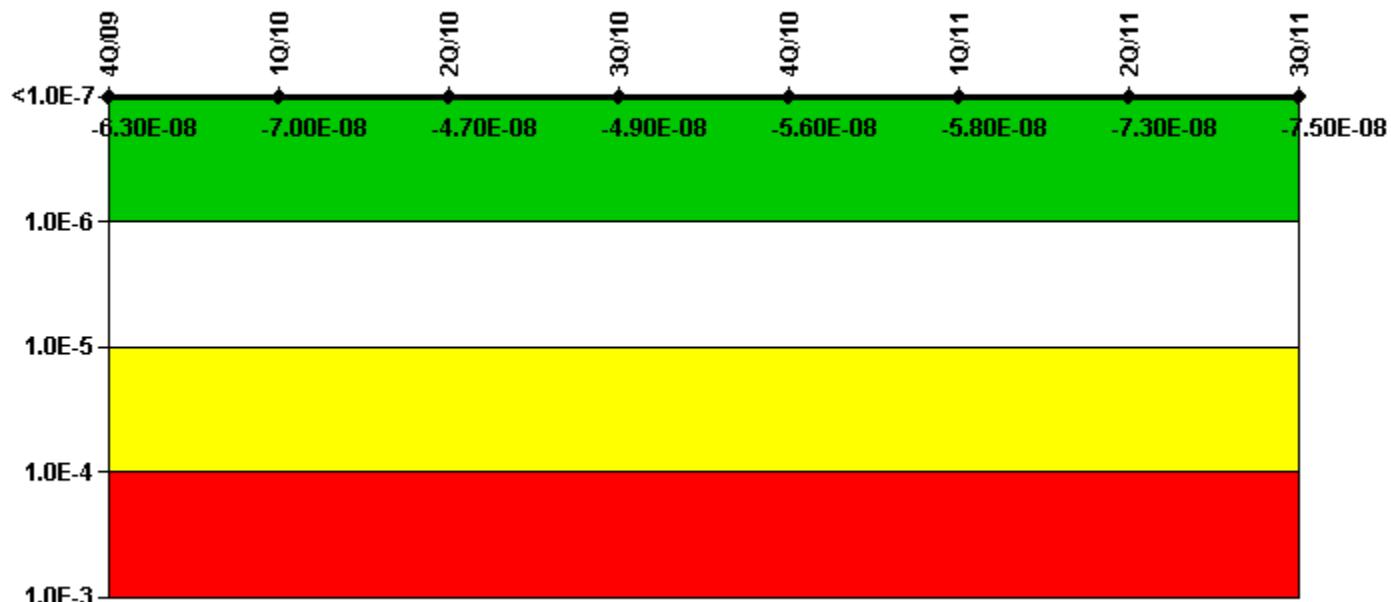
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 4Q/09            | 1Q/10            | 2Q/10            | 3Q/10            | 4Q/10            | 1Q/11            | 2Q/11            | 3Q/11            |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)  | -5.80E-08        | -4.99E-08        | -4.99E-08        | -4.99E-08        | -4.90E-08        | -4.90E-08        | -4.90E-08        | -4.90E-08        |
| URI ( $\Delta$ CDF)  | -8.30E-08        | -8.44E-08        |
| PLE  | NO               |
| Indicator value  | <b>-1.41E-07</b> | <b>-1.30E-07</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, Cooling Water Systems



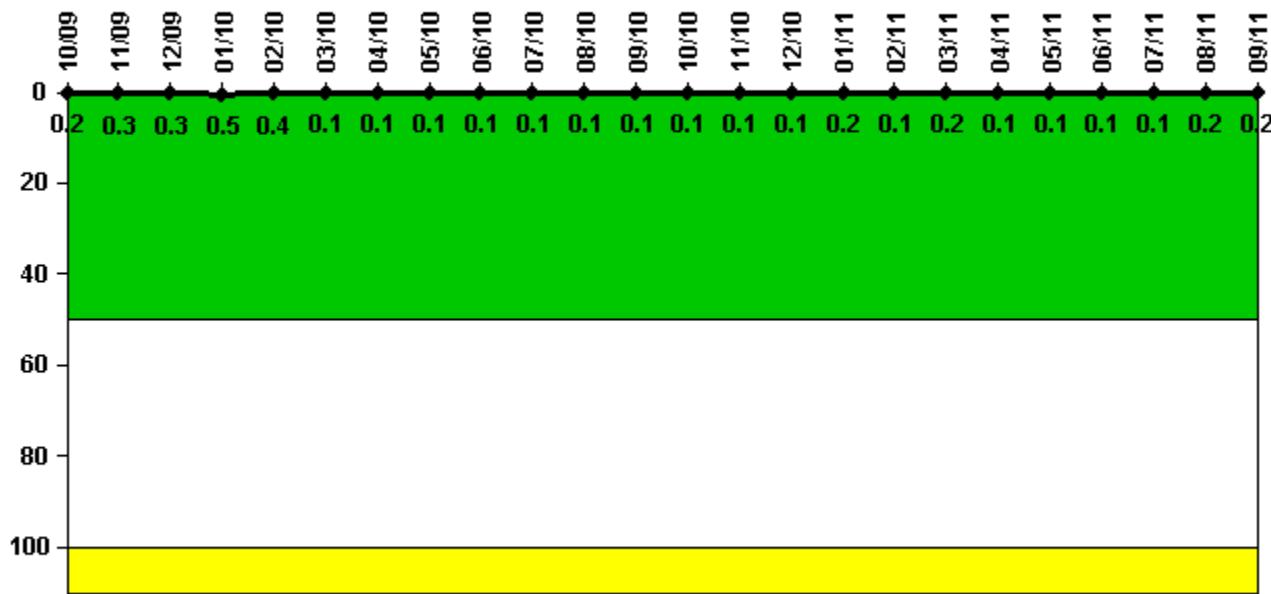
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 4Q/09            | 1Q/10            | 2Q/10            | 3Q/10            | 4Q/10            | 1Q/11            | 2Q/11            | 3Q/11            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)   | 4.70E-08         | 3.40E-08         | 5.71E-08         | 5.50E-08         | 4.83E-08         | 4.66E-08         | 3.10E-08         | 3.00E-08         |
| URI ( $\Delta$ CDF)   | -1.10E-07        | -1.04E-07        | -1.04E-07        | -1.04E-07        | -1.04E-07        | -1.04E-07        | -1.04E-07        | -1.05E-07        |
| PLE   | NO               |
| <b>Indicator value</b>                                      | <b>-6.30E-08</b> | <b>-7.00E-08</b> | <b>-4.70E-08</b> | <b>-4.90E-08</b> | <b>-5.60E-08</b> | <b>-5.80E-08</b> | <b>-7.30E-08</b> | <b>-7.50E-08</b> |

Licensee Comments: none

## Reactor Coolant System Activity



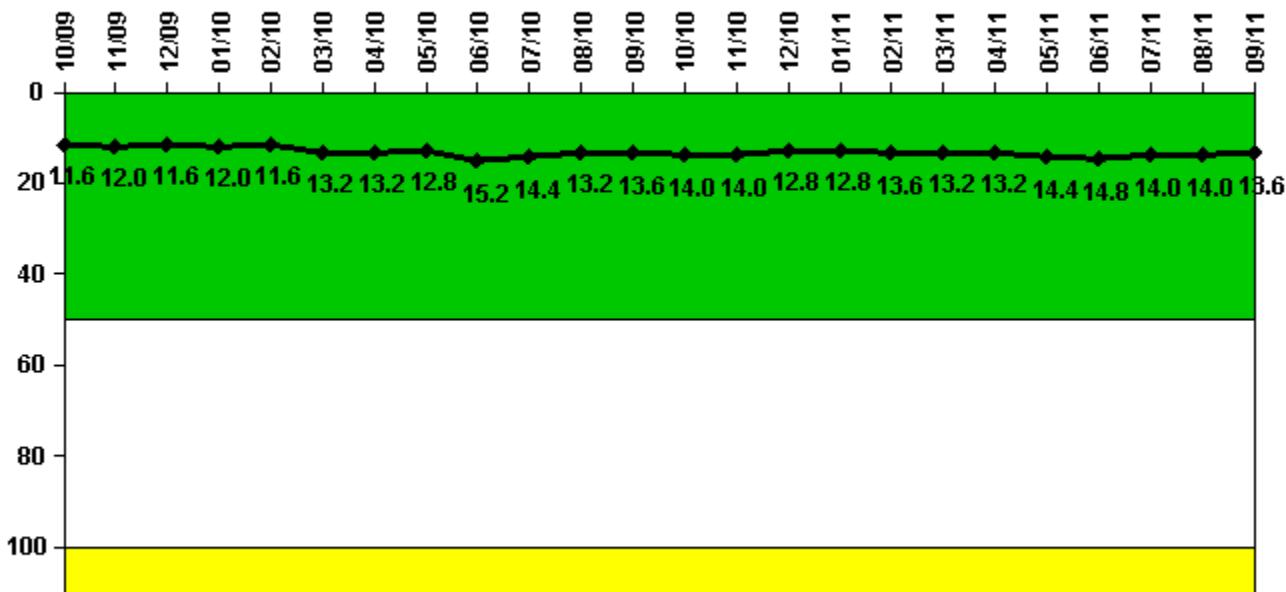
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Activity | 10/09    | 11/09    | 12/09    | 1/10     | 2/10     | 3/10     | 4/10     | 5/10     | 6/10     | 7/10     | 8/10     | 9/10     |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity                | 0.000451 | 0.000584 | 0.000669 | 0.000934 | 0.000745 | 0.000236 | 0.000244 | 0.000253 | 0.000276 | 0.000279 | 0.000279 | 0.000275 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0.2      | 0.3      | 0.3      | 0.5      | 0.4      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      |
| Reactor Coolant System Activity | 10/10    | 11/10    | 12/10    | 1/11     | 2/11     | 3/11     | 4/11     | 5/11     | 6/11     | 7/11     | 8/11     | 9/11     |
| Maximum activity                | 0.000280 | 0.000298 | 0.000296 | 0.000322 | 0.000247 | 0.000311 | 0.000268 | 0.000249 | 0.000299 | 0.000292 | 0.000341 | 0.000458 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0.1      | 0.1      | 0.1      | 0.2      | 0.1      | 0.2      | 0.1      | 0.1      | 0.1      | 0.1      | 0.2      | 0.2      |

Licensee Comments: none

## Reactor Coolant System Leakage



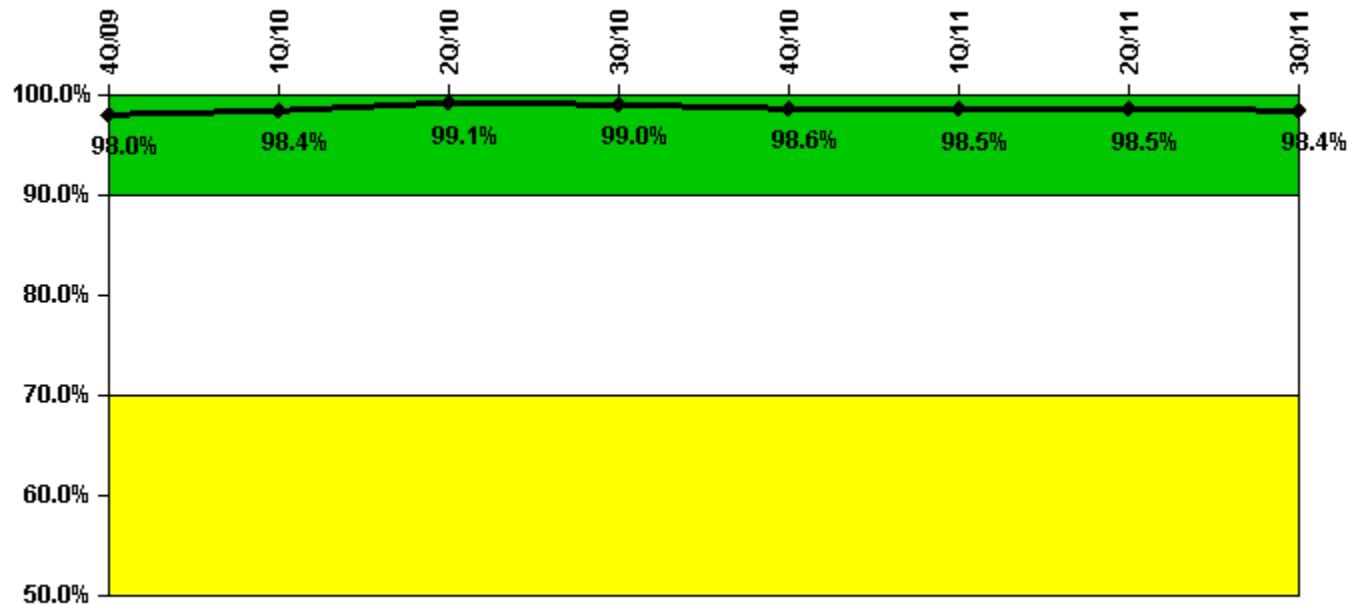
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Leakage | 10/09 | 11/09 | 12/09 | 1/10  | 2/10  | 3/10  | 4/10  | 5/10  | 6/10  | 7/10  | 8/10  | 9/10  |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage                | 2.900 | 3.000 | 2.900 | 3.000 | 2.900 | 3.300 | 3.300 | 3.200 | 3.800 | 3.600 | 3.300 | 3.400 |
| Technical specification limit  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  |
|                                |       |       |       |       |       |       |       |       |       |       |       |       |
| Indicator value                | 11.6  | 12.0  | 11.6  | 12.0  | 11.6  | 13.2  | 13.2  | 12.8  | 15.2  | 14.4  | 13.2  | 13.6  |
| Reactor Coolant System Leakage | 10/10 | 11/10 | 12/10 | 1/11  | 2/11  | 3/11  | 4/11  | 5/11  | 6/11  | 7/11  | 8/11  | 9/11  |
| Maximum leakage                | 3.500 | 3.500 | 3.200 | 3.200 | 3.400 | 3.300 | 3.300 | 3.600 | 3.700 | 3.500 | 3.500 | 3.400 |
| Technical specification limit  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  |
|                                |       |       |       |       |       |       |       |       |       |       |       |       |
| Indicator value                | 14.0  | 14.0  | 12.8  | 12.8  | 13.6  | 13.2  | 13.2  | 14.4  | 14.8  | 14.0  | 14.0  | 13.6  |

Licensee Comments: none

## Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

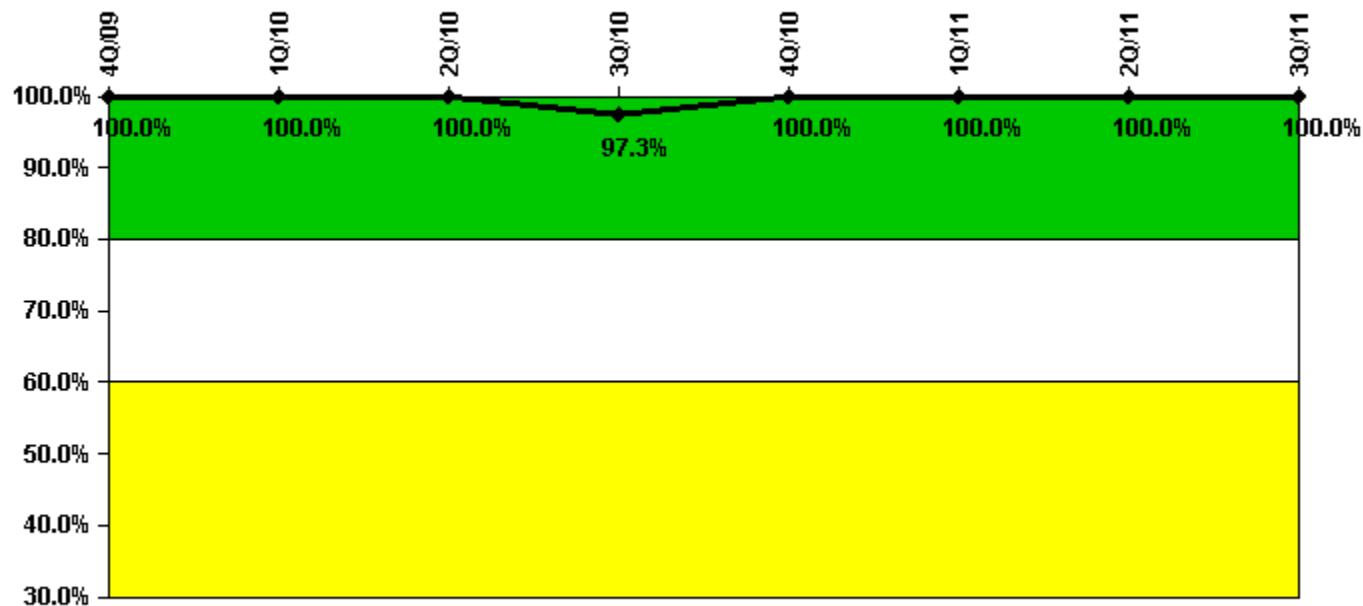
### Notes

| Drill/Exercise Performance | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities   | 44.0  | 20.0  | 55.0  | 16.0  | 36.0  | 0     | 40.0  | 39.0  |
| Total opportunities        | 46.0  | 20.0  | 56.0  | 16.0  | 37.0  | 0     | 40.0  | 39.0  |
| Indicator value            | 98.0% | 98.4% | 99.1% | 99.0% | 98.6% | 98.5% | 98.5% | 98.4% |

Licensee Comments: none

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## ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

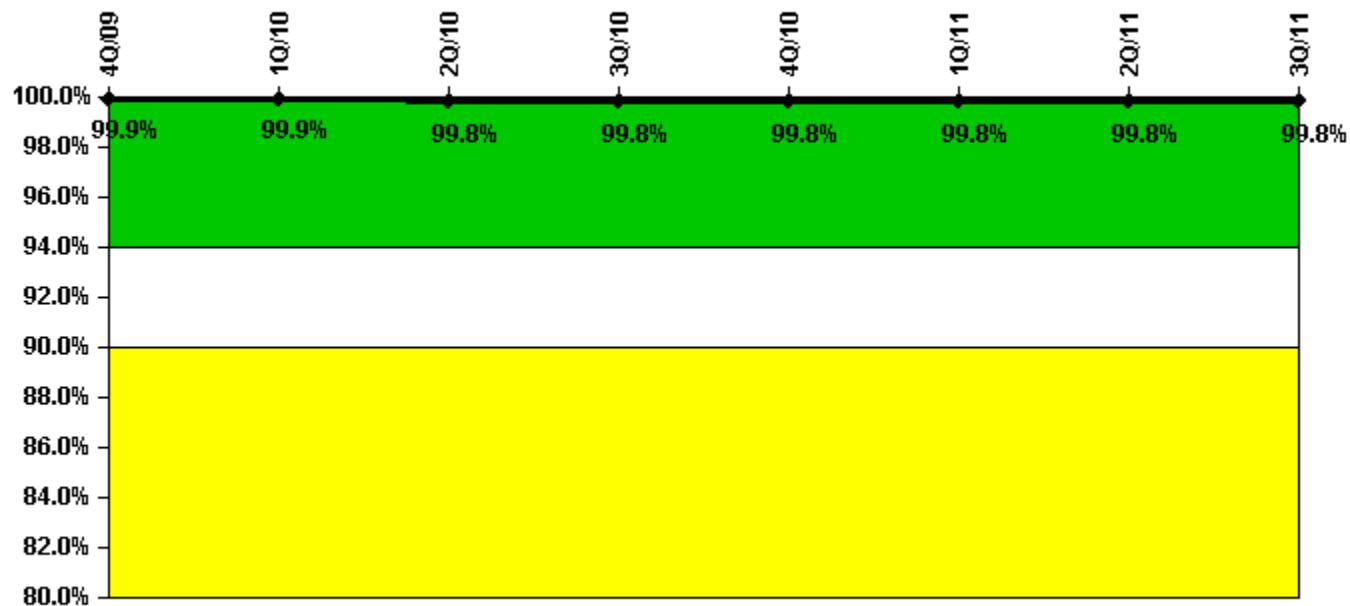
### Notes

| ERO Drill Participation     | 4Q/09         | 1Q/10         | 2Q/10         | 3Q/10        | 4Q/10         | 1Q/11         | 2Q/11         | 3Q/11         |
|-----------------------------|---------------|---------------|---------------|--------------|---------------|---------------|---------------|---------------|
| Participating Key personnel | 68.0          | 70.0          | 77.0          | 72.0         | 70.0          | 65.0          | 63.0          | 68.0          |
| Total Key personnel         | 68.0          | 70.0          | 77.0          | 74.0         | 70.0          | 65.0          | 63.0          | 68.0          |
| <b>Indicator value</b>      | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>97.3%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> |

Licensee Comments: none

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## Alert & Notification System



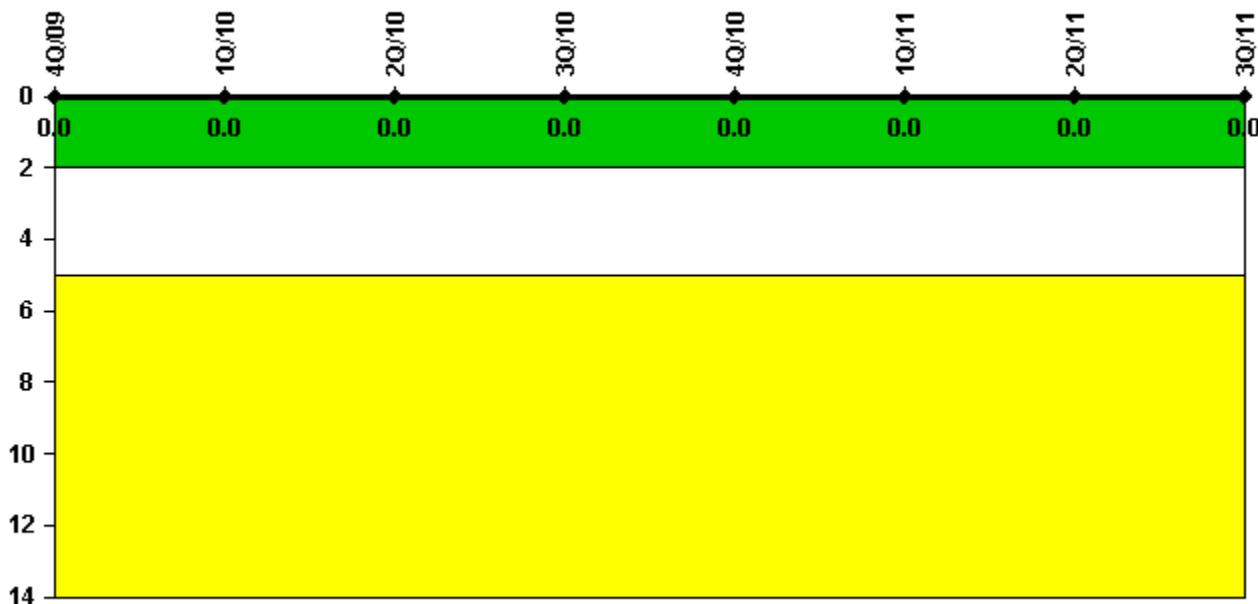
Thresholds: White < 94.0% Yellow < 90.0%

### Notes

| Alert & Notification System | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests      | 3198  | 2139  | 2167  | 2205  | 2210  | 2173  | 2170  | 2170  |
| Total sirens-tests          | 3200  | 2142  | 2176  | 2210  | 2210  | 2176  | 2176  | 2176  |
| Indicator value             | 99.9% | 99.9% | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% |

Licensee Comments: none

## Occupational Exposure Control Effectiveness



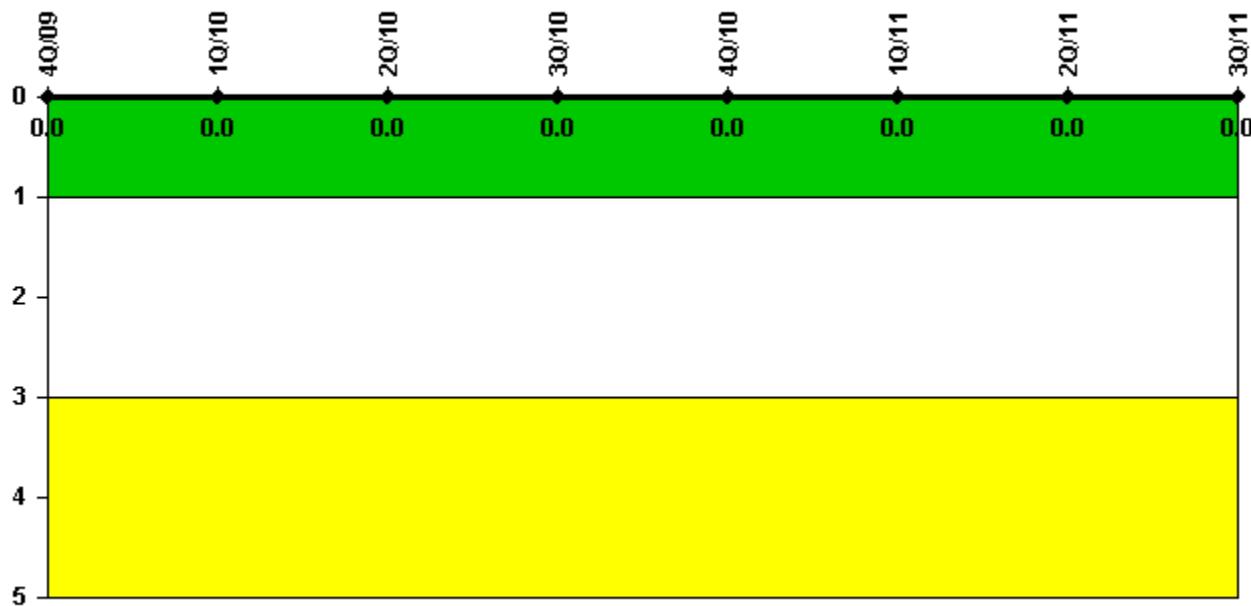
Thresholds: White > 2.0 Yellow > 5.0

### Notes

| Occupational Exposure Control Effectiveness | 4Q/09    | 1Q/10    | 2Q/10    | 3Q/10    | 4Q/10    | 1Q/11    | 2Q/11    | 3Q/11    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>0</b> |

Licensee Comments: none

## RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

### Notes

| RETS/ODCM Radiological Effluent | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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[Security](#) information not publicly available.

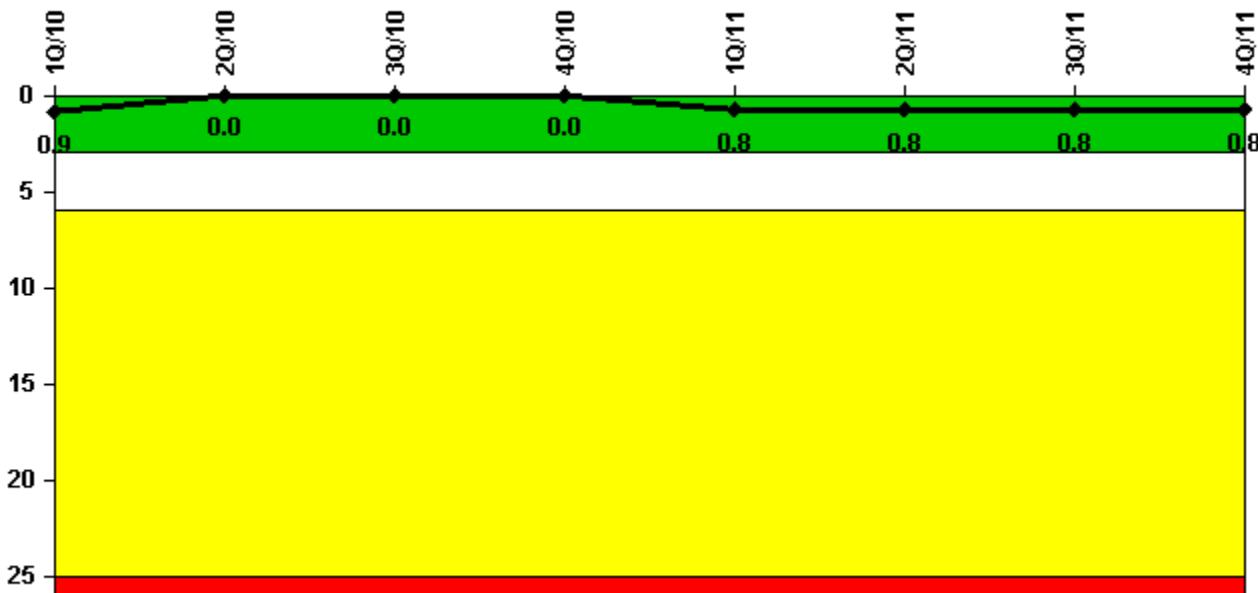
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# La Salle 1

## 4Q/2011 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



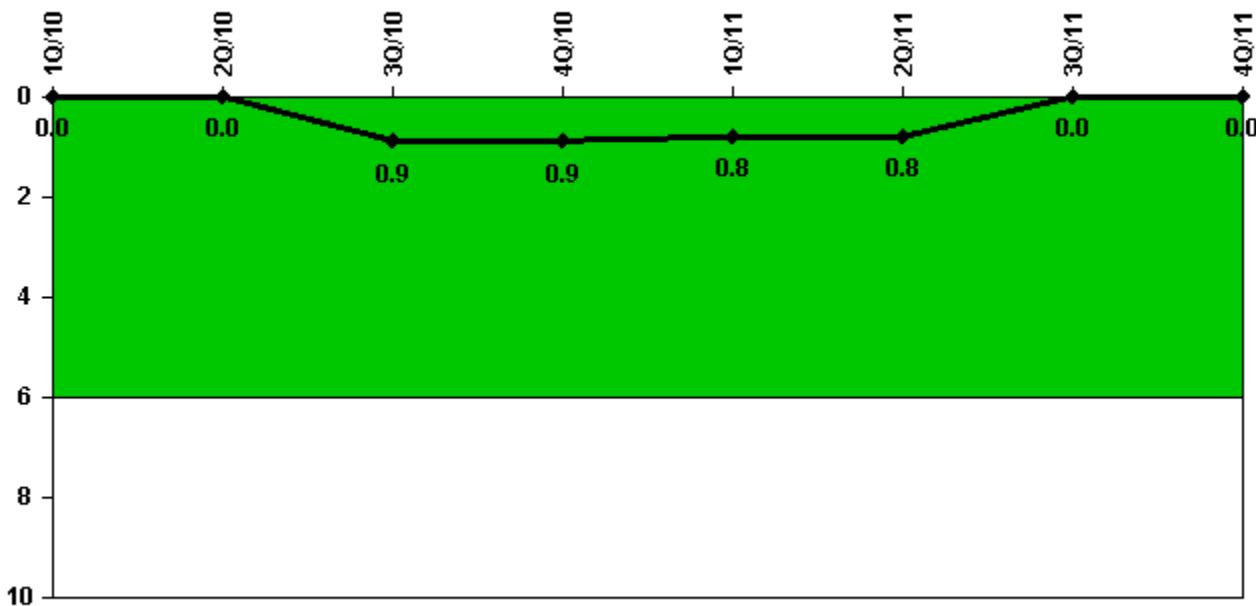
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

| Unplanned Scrams per 7000 Critical Hrs | 1Q/10  | 2Q/10  | 3Q/10  | 4Q/10  | 1Q/11  | 2Q/11  | 3Q/11  | 4Q/11  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 0      | 0      | 0      | 1.0    | 0      | 0      | 0      |
| Critical hours                         | 1550.2 | 2184.0 | 2208.0 | 2209.0 | 1968.1 | 2184.0 | 2208.0 | 2209.0 |
| Indicator value                        | 0.9    | 0      | 0      | 0      | 0.8    | 0.8    | 0.8    | 0.8    |

Licensee Comments: none

## Unplanned Power Changes per 7000 Critical Hrs



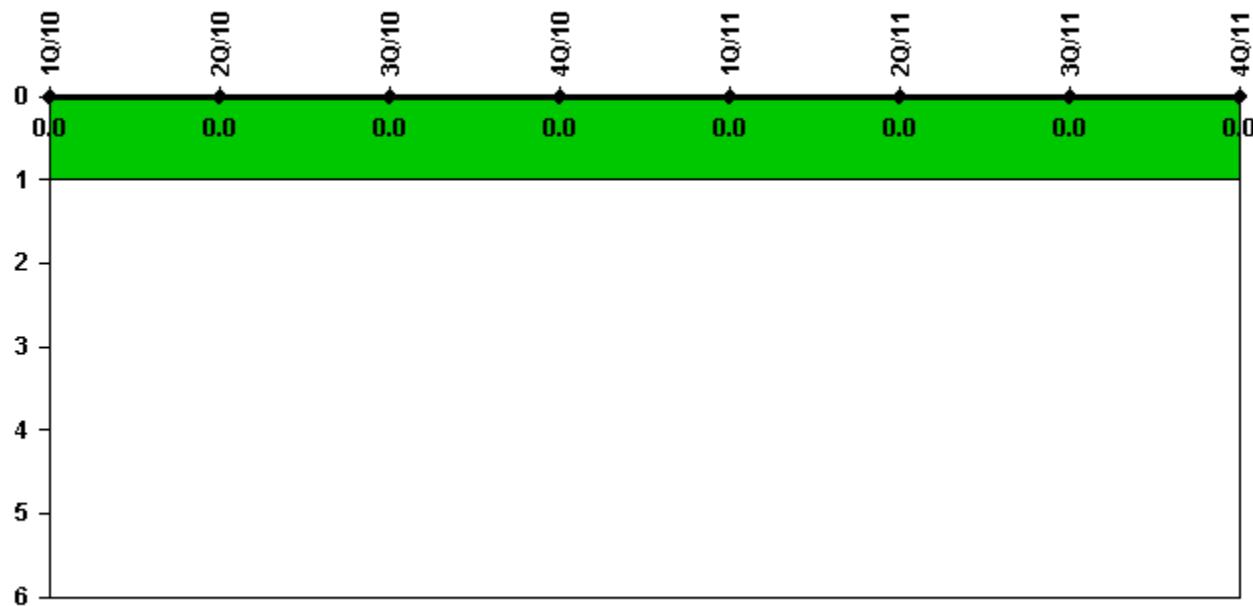
Thresholds: White > 6.0

### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 1Q/10    | 2Q/10    | 3Q/10      | 4Q/10      | 1Q/11      | 2Q/11      | 3Q/11    | 4Q/11    |
|---|----------|----------|------------|------------|------------|------------|----------|----------|
| Unplanned power changes                       | 0        | 0        | 1.0        | 0          | 0          | 0          | 0        | 0        |
| Critical hours                                | 1550.2   | 2184.0   | 2208.0     | 2209.0     | 1968.1     | 2184.0     | 2208.0   | 2209.0   |
| Indicator value                               | <b>0</b> | <b>0</b> | <b>0.9</b> | <b>0.9</b> | <b>0.8</b> | <b>0.8</b> | <b>0</b> | <b>0</b> |

Licensee Comments: none

## Unplanned Scrams with Complications



Thresholds: White > 1.0

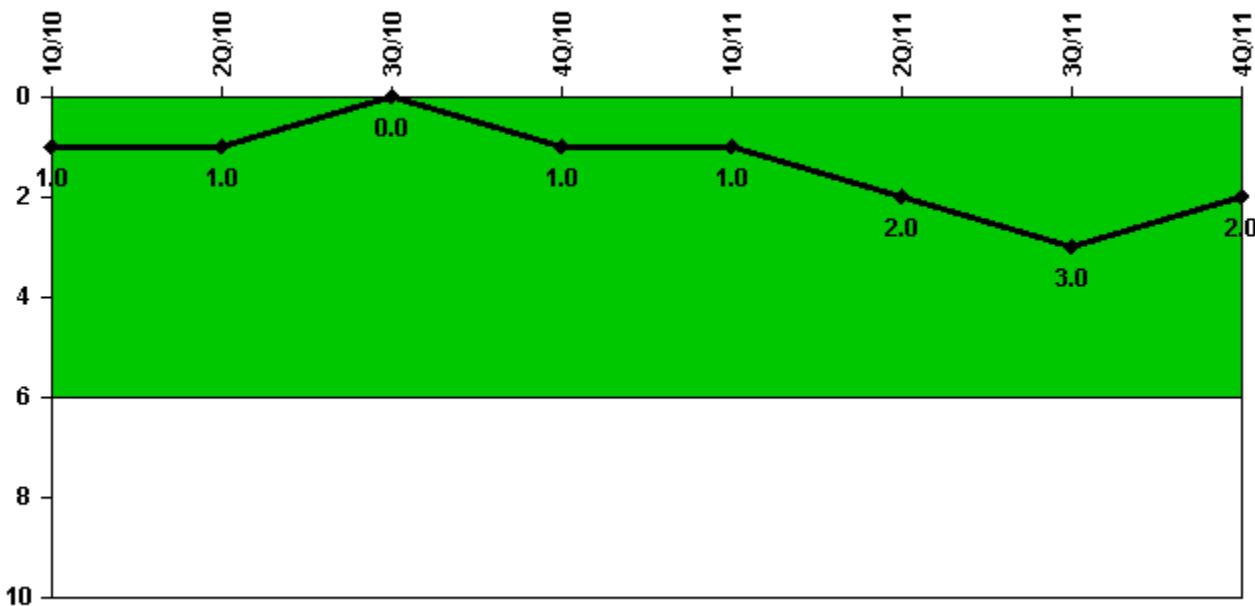
### Notes

| Unplanned Scrams with Complications | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 |
|-------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams with complications           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
|                                     |       |       |       |       |       |       |       |       |
|                                     |       |       |       |       |       |       |       |       |
| Indicator value                     | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

Licensee Comments: none

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## Safety System Functional Failures (BWR)



Thresholds: White > 6.0

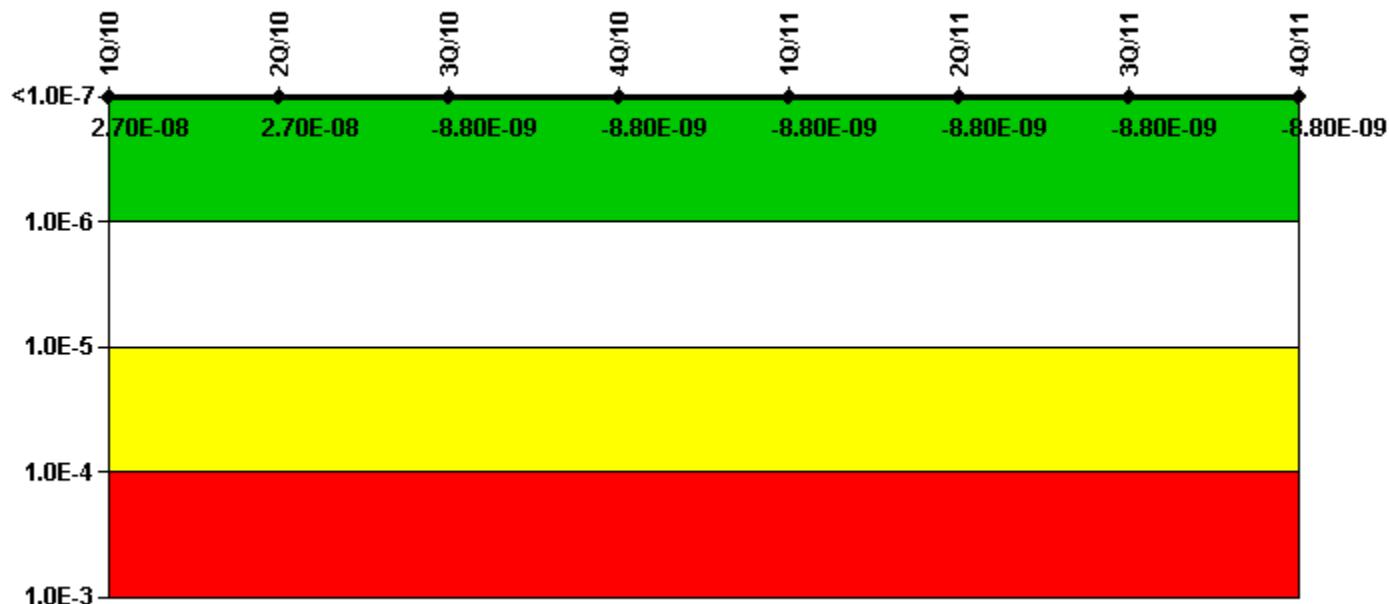
### Notes

| Safety System Functional Failures (BWR) | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures       | 0     | 0     | 0     | 1     | 0     | 1     | 1     | 0     |
| Indicator value                         | 1     | 1     | 0     | 1     | 1     | 2     | 3     | 2     |

Licensee Comments: none

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## Mitigating Systems Performance Index, Emergency AC Power System



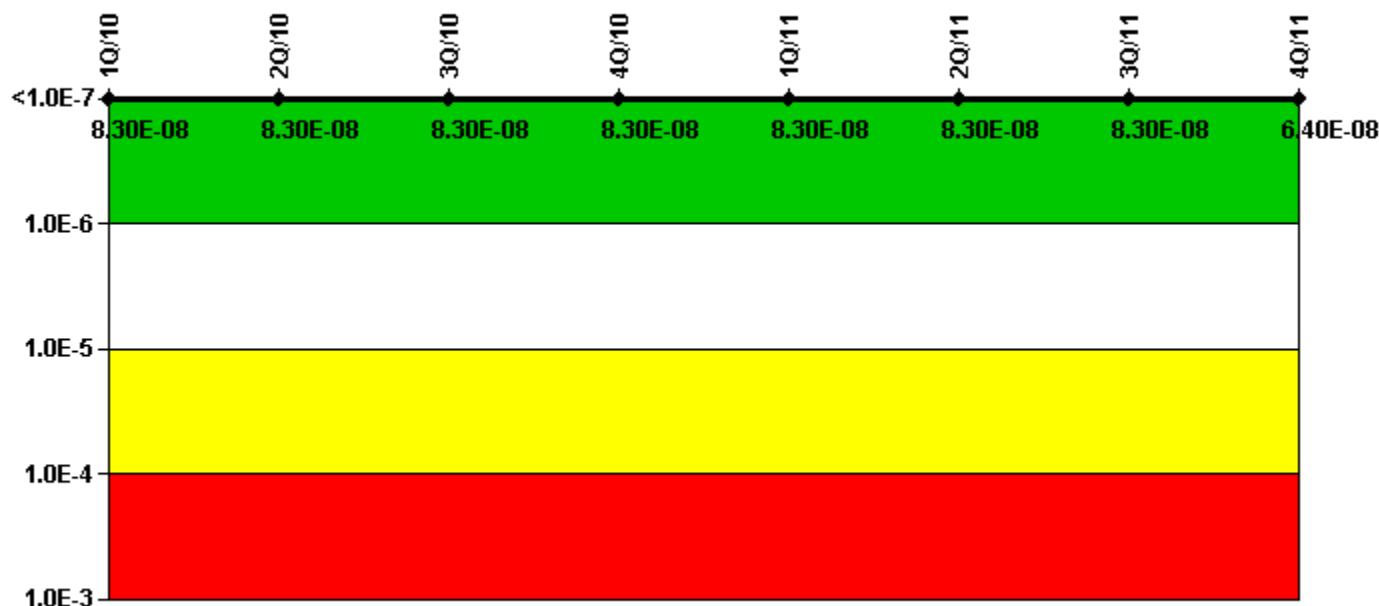
Thresholds: White >  $1.00\text{E-}6$  Yellow >  $1.00\text{E-}5$  Red >  $1.00\text{E-}4$

### Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 1Q/10           | 2Q/10           | 3Q/10            | 4Q/10            | 1Q/11            | 2Q/11            | 3Q/11            | 4Q/11            |
|---|-----------------|-----------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)   | -2.18E-09       | -2.18E-09       | -3.99E-09        | -3.99E-09        | -3.99E-09        | -3.99E-09        | -3.99E-09        | -3.99E-09        |
| URI ( $\Delta$ CDF)   | 2.90E-08        | 2.89E-08        | -4.81E-09        | -4.81E-09        | -4.81E-09        | -4.81E-09        | -4.81E-09        | -4.81E-09        |
| PLE   | NO              | NO              | NO               | NO               | NO               | NO               | NO               | NO               |
| Indicator value   | <b>2.70E-08</b> | <b>2.70E-08</b> | <b>-8.80E-09</b> | <b>-8.80E-09</b> | <b>-8.80E-09</b> | <b>-8.80E-09</b> | <b>-8.80E-09</b> | <b>-8.80E-09</b> |

Licensee Comments: none

# Mitigating Systems Performance Index, High Pressure Injection System



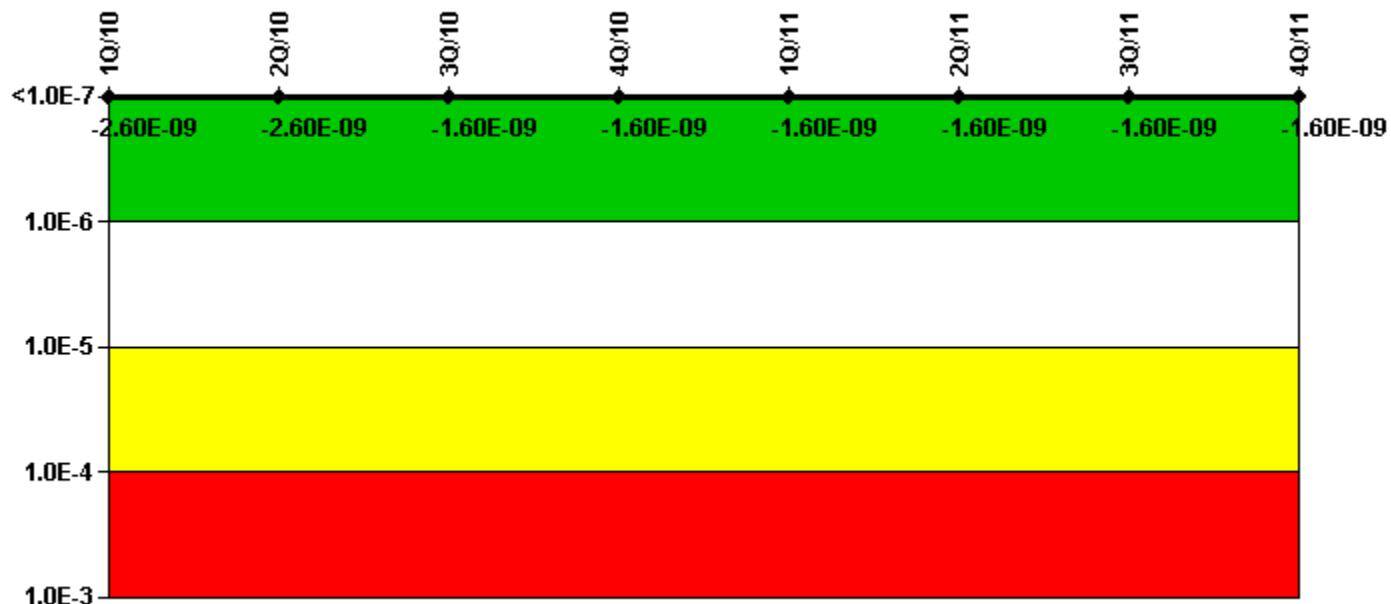
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 1Q/10           | 2Q/10           | 3Q/10           | 4Q/10           | 1Q/11           | 2Q/11           | 3Q/11           | 4Q/11           |
|--|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| UAI ( $\Delta$ CDF)  | 2.01E-09        | 2.01E-09        | 2.01E-09        | 2.01E-09        | 1.95E-09        | 1.95E-09        | 1.94E-09        | 1.39E-09        |
| URI ( $\Delta$ CDF)  | 8.12E-08        | 6.24E-08        |
| PLE  | NO              |
| Indicator value  | <b>8.30E-08</b> | <b>6.40E-08</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, Heat Removal System



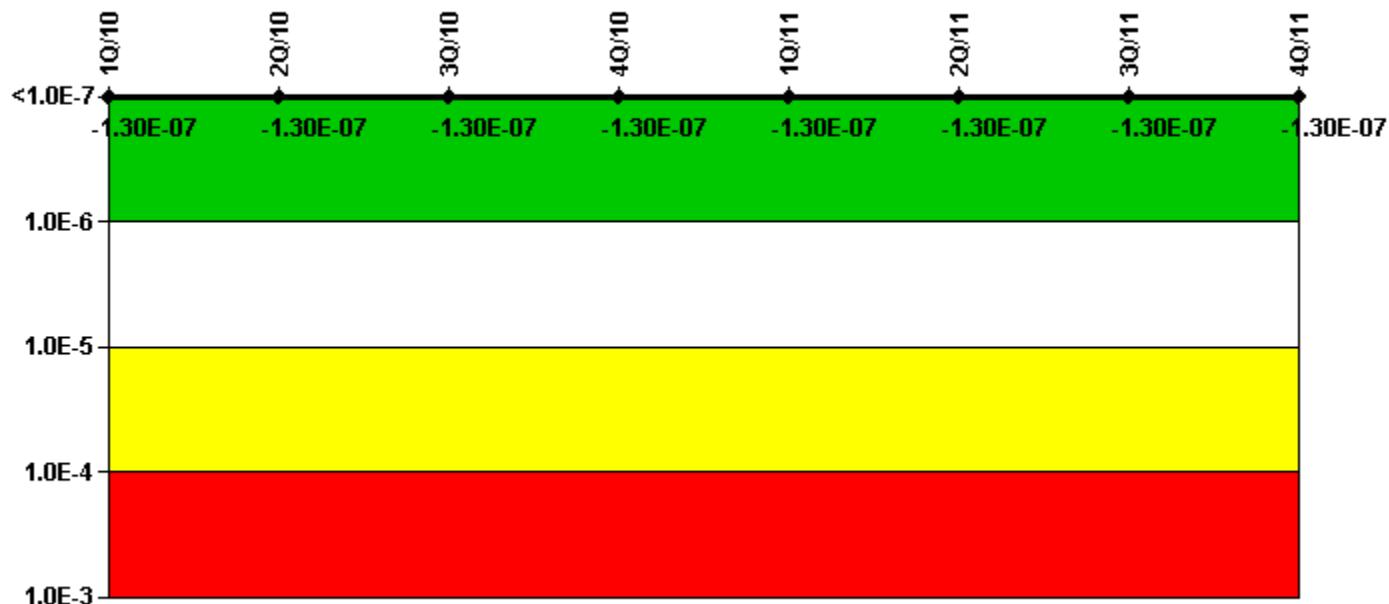
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Heat Removal System | 1Q/10            | 2Q/10            | 3Q/10            | 4Q/10            | 1Q/11            | 2Q/11            | 3Q/11            | 4Q/11            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)                                       | -2.39E-09        | -2.39E-09        | -1.40E-09        | -1.40E-09        | -1.42E-09        | -1.42E-09        | -1.42E-09        | -1.42E-09        |
| URI ( $\Delta$ CDF)                                       | -1.95E-10        | -2.00E-10        | -2.03E-10        | -2.03E-10        | -2.03E-10        | -2.03E-10        | -2.03E-10        | -2.03E-10        |
| PLE   | NO               |
| Indicator value   | <b>-2.60E-09</b> | <b>-2.60E-09</b> | <b>-1.60E-09</b> | <b>-1.60E-09</b> | <b>-1.60E-09</b> | <b>-1.60E-09</b> | <b>-1.60E-09</b> | <b>-1.60E-09</b> |

Licensee Comments: none

# Mitigating Systems Performance Index, Residual Heat Removal System



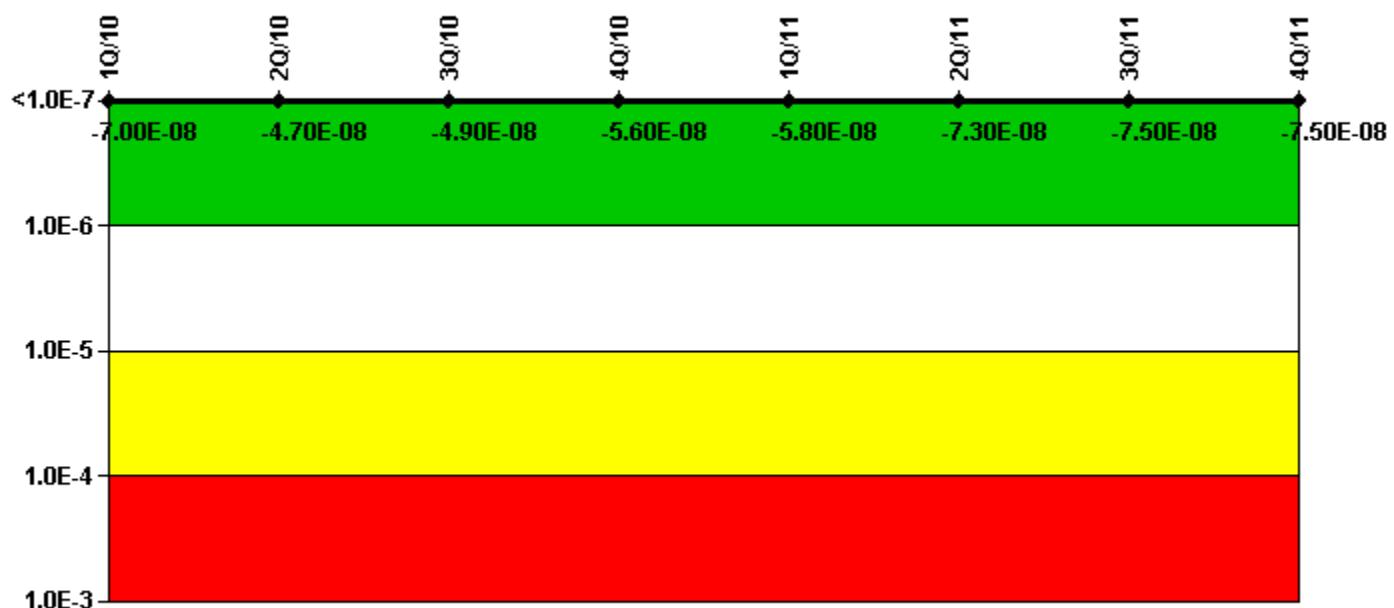
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 1Q/10     | 2Q/10     | 3Q/10     | 4Q/10     | 1Q/11     | 2Q/11     | 3Q/11     | 4Q/11     |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI ( $\Delta$ CDF)  | -4.99E-08 | -4.99E-08 | -4.99E-08 | -4.90E-08 | -4.90E-08 | -4.90E-08 | -4.90E-08 | -4.90E-08 |
| URI ( $\Delta$ CDF)  | -8.44E-08 |
| PLE  | NO        |
| Indicator value  | -1.30E-07 |

Licensee Comments: none

## Mitigating Systems Performance Index, Cooling Water Systems



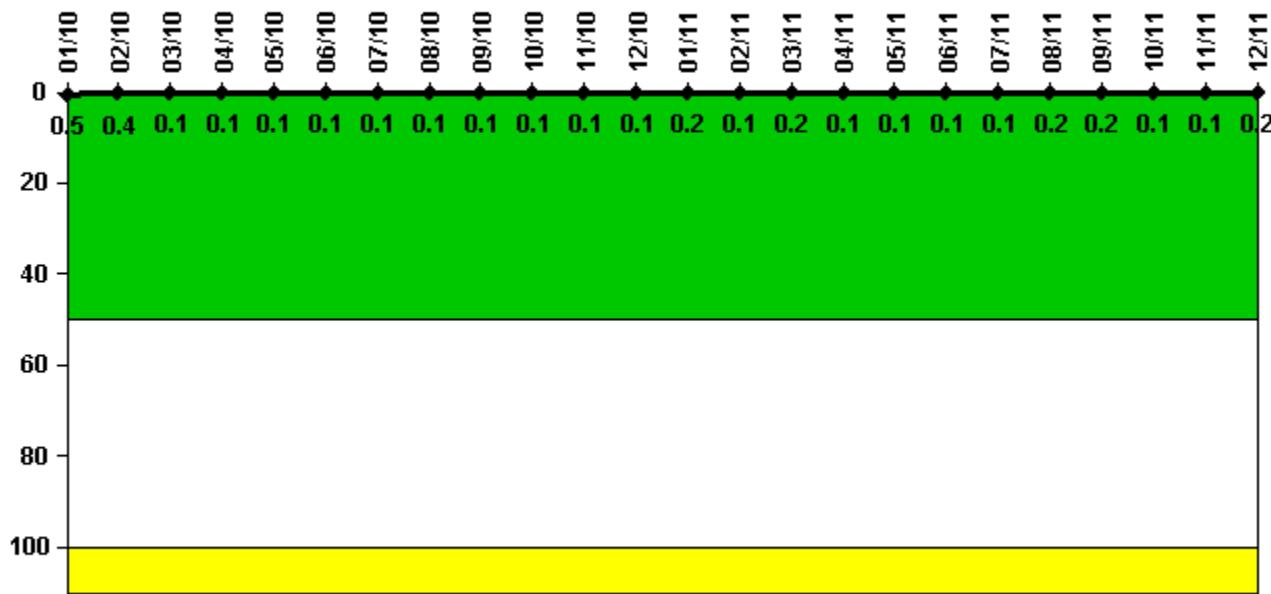
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 1Q/10            | 2Q/10            | 3Q/10            | 4Q/10            | 1Q/11            | 2Q/11            | 3Q/11            | 4Q/11            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)   | 3.40E-08         | 5.71E-08         | 5.50E-08         | 4.83E-08         | 4.66E-08         | 3.10E-08         | 3.00E-08         | 3.00E-08         |
| URI ( $\Delta$ CDF)   | -1.04E-07        | -1.04E-07        | -1.04E-07        | -1.04E-07        | -1.04E-07        | -1.04E-07        | -1.05E-07        | -1.05E-07        |
| PLE   | NO               |
| Indicator value   | <b>-7.00E-08</b> | <b>-4.70E-08</b> | <b>-4.90E-08</b> | <b>-5.60E-08</b> | <b>-5.80E-08</b> | <b>-7.30E-08</b> | <b>-7.50E-08</b> | <b>-7.50E-08</b> |

Licensee Comments: none

## Reactor Coolant System Activity



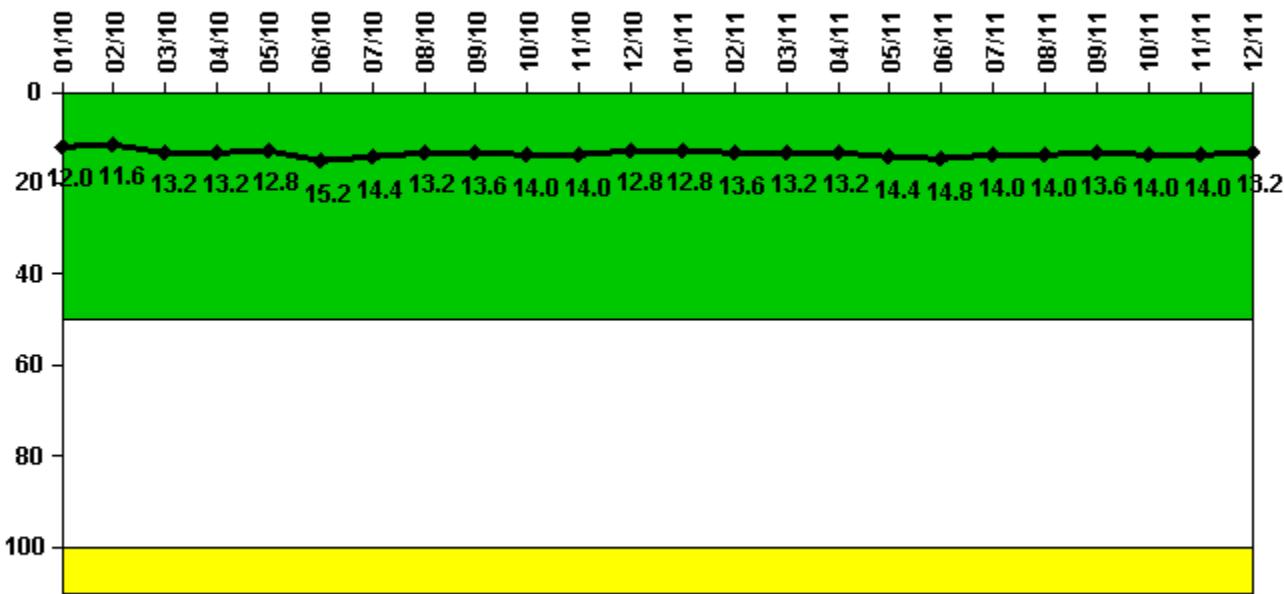
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Activity | 1/10     | 2/10     | 3/10     | 4/10     | 5/10     | 6/10     | 7/10     | 8/10     | 9/10     | 10/10    | 11/10    | 12/10    |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity                | 0.000934 | 0.000745 | 0.000236 | 0.000244 | 0.000253 | 0.000276 | 0.000279 | 0.000279 | 0.000275 | 0.000280 | 0.000298 | 0.000296 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0.5      | 0.4      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      |
| Reactor Coolant System Activity | 1/11     | 2/11     | 3/11     | 4/11     | 5/11     | 6/11     | 7/11     | 8/11     | 9/11     | 10/11    | 11/11    | 12/11    |
| Maximum activity                | 0.000322 | 0.000247 | 0.000311 | 0.000268 | 0.000249 | 0.000299 | 0.000292 | 0.000341 | 0.000458 | 0.000292 | 0.000249 | 0.000323 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0.2      | 0.1      | 0.2      | 0.1      | 0.1      | 0.1      | 0.1      | 0.2      | 0.2      | 0.1      | 0.1      | 0.2      |

Licensee Comments: none

## Reactor Coolant System Leakage



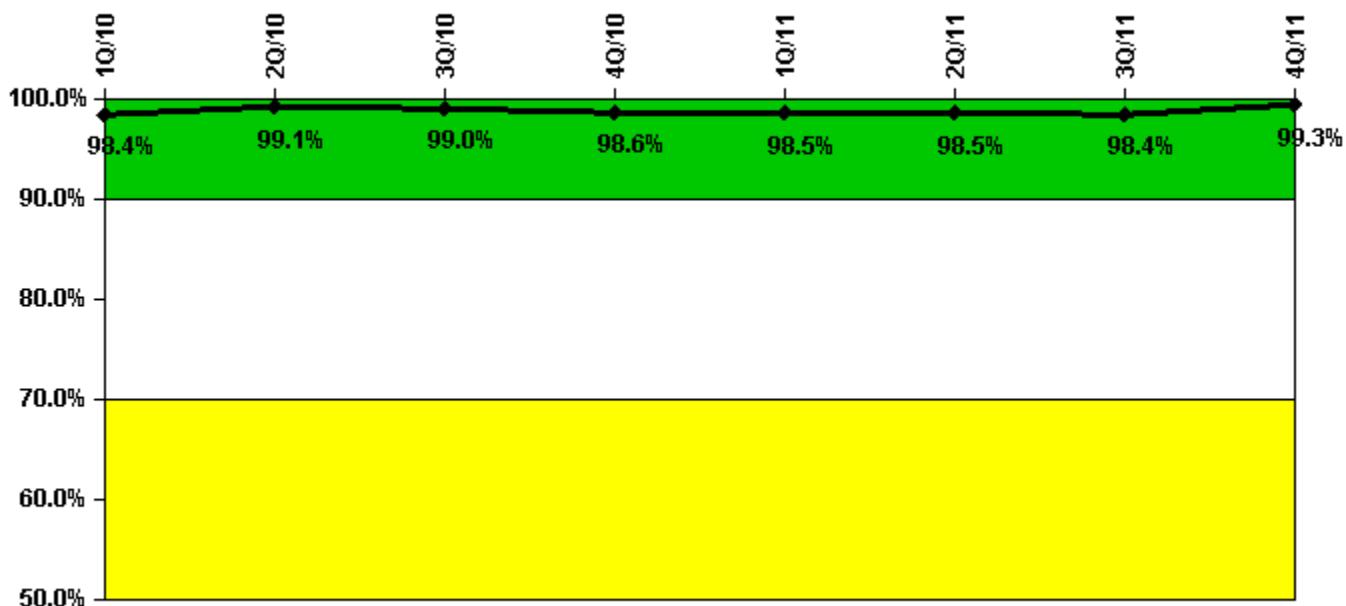
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Leakage | 1/10  | 2/10  | 3/10  | 4/10  | 5/10  | 6/10  | 7/10  | 8/10  | 9/10  | 10/10 | 11/10 | 12/10 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage                | 3.000 | 2.900 | 3.300 | 3.300 | 3.200 | 3.800 | 3.600 | 3.300 | 3.400 | 3.500 | 3.500 | 3.200 |
| Technical specification limit  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  |
|                                |       |       |       |       |       |       |       |       |       |       |       |       |
| Indicator value                | 12.0  | 11.6  | 13.2  | 13.2  | 12.8  | 15.2  | 14.4  | 13.2  | 13.6  | 14.0  | 14.0  | 12.8  |
| Reactor Coolant System Leakage | 1/11  | 2/11  | 3/11  | 4/11  | 5/11  | 6/11  | 7/11  | 8/11  | 9/11  | 10/11 | 11/11 | 12/11 |
| Maximum leakage                | 3.200 | 3.400 | 3.300 | 3.300 | 3.600 | 3.700 | 3.500 | 3.500 | 3.400 | 3.500 | 3.500 | 3.300 |
| Technical specification limit  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  |
|                                |       |       |       |       |       |       |       |       |       |       |       |       |
| Indicator value                | 12.8  | 13.6  | 13.2  | 13.2  | 14.4  | 14.8  | 14.0  | 14.0  | 13.6  | 14.0  | 14.0  | 13.2  |

Licensee Comments: none

## Drill/Exercise Performance



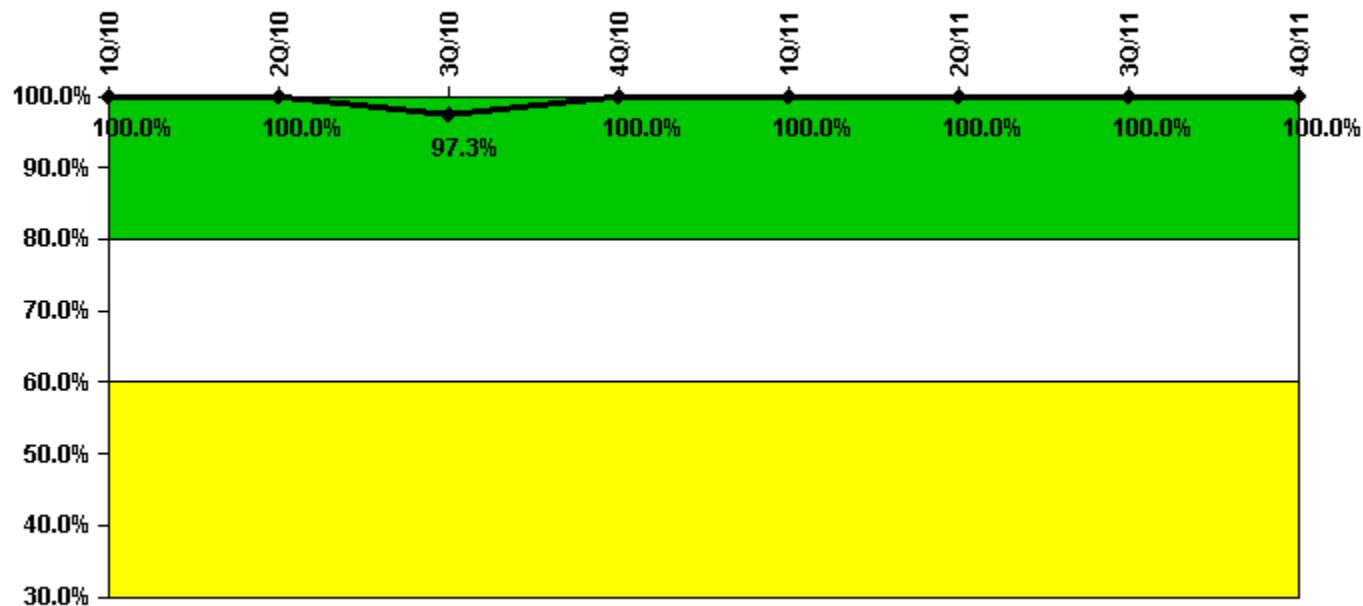
Thresholds: White < 90.0% Yellow < 70.0%

### Notes

| Drill/Exercise Performance | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities   | 20.0  | 55.0  | 16.0  | 36.0  | 0     | 40.0  | 39.0  | 64.0  |
| Total opportunities        | 20.0  | 56.0  | 16.0  | 37.0  | 0     | 40.0  | 39.0  | 64.0  |
| Indicator value            | 98.4% | 99.1% | 99.0% | 98.6% | 98.5% | 98.5% | 98.4% | 99.3% |

Licensee Comments: none

## ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

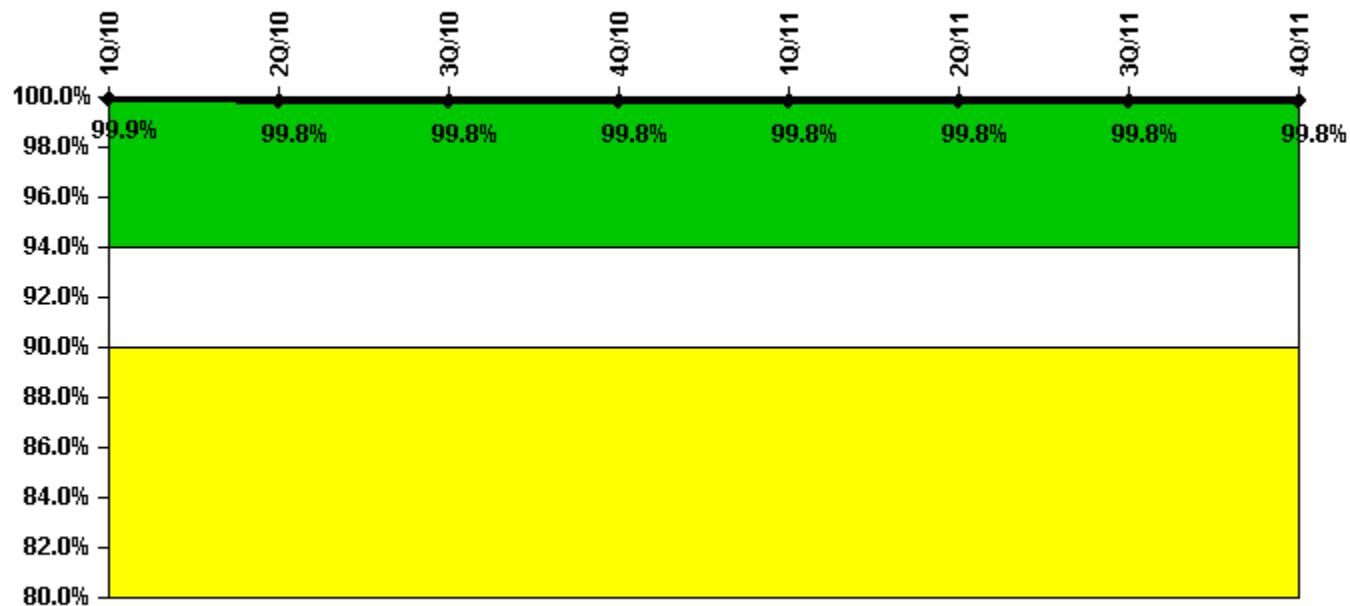
### Notes

| ERO Drill Participation     | 1Q/10         | 2Q/10         | 3Q/10        | 4Q/10         | 1Q/11         | 2Q/11         | 3Q/11         | 4Q/11         |
|-----------------------------|---------------|---------------|--------------|---------------|---------------|---------------|---------------|---------------|
| Participating Key personnel | 70.0          | 77.0          | 72.0         | 70.0          | 65.0          | 63.0          | 68.0          | 70.0          |
| Total Key personnel         | 70.0          | 77.0          | 74.0         | 70.0          | 65.0          | 63.0          | 68.0          | 70.0          |
| <b>Indicator value</b>      | <b>100.0%</b> | <b>100.0%</b> | <b>97.3%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> |

Licensee Comments: none

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## Alert & Notification System



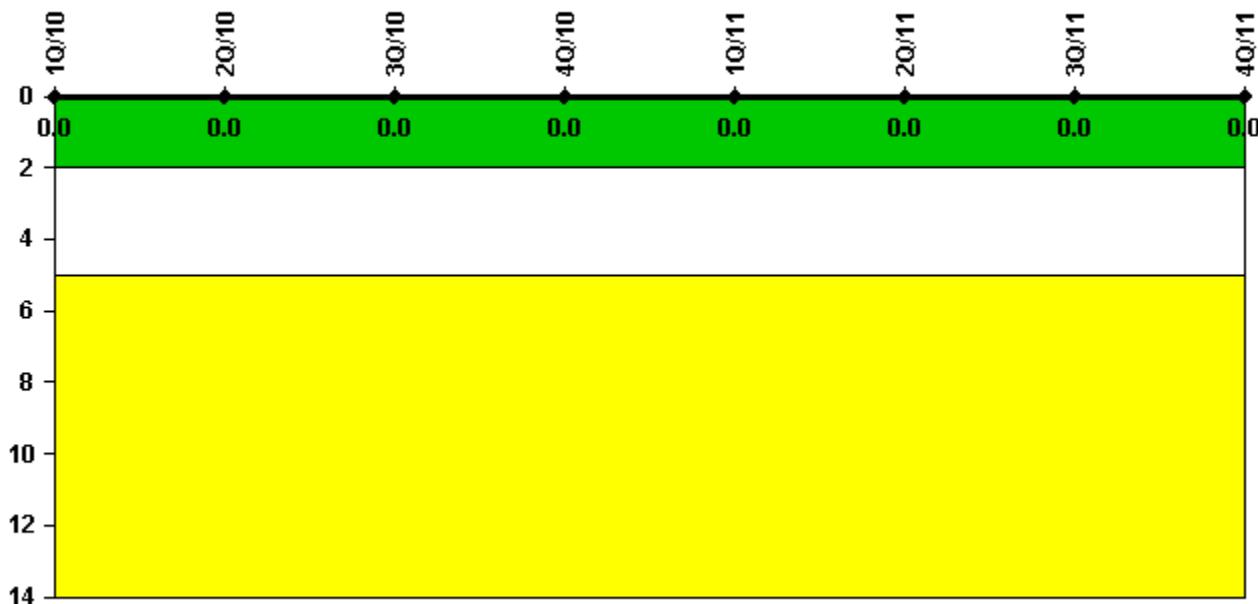
Thresholds: White < 94.0% Yellow < 90.0%

### Notes

| Alert & Notification System | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests      | 2139  | 2167  | 2205  | 2210  | 2173  | 2170  | 2170  | 2171  |
| Total sirens-tests          | 2142  | 2176  | 2210  | 2210  | 2176  | 2176  | 2176  | 2176  |
| Indicator value             | 99.9% | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% |

Licensee Comments: none

## Occupational Exposure Control Effectiveness



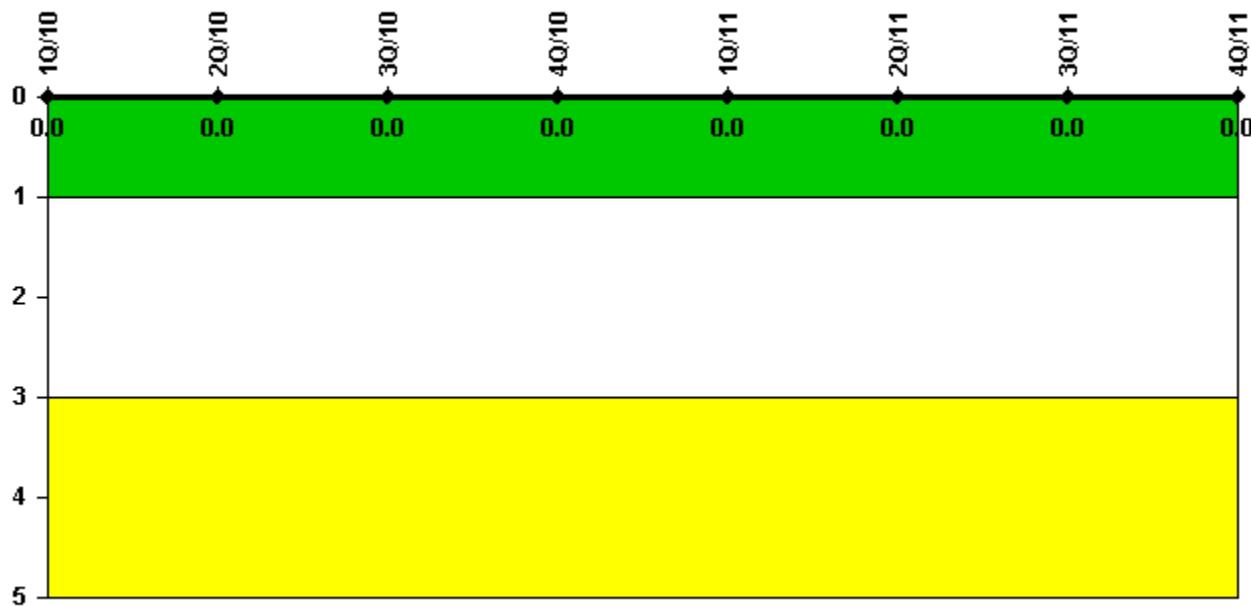
Thresholds: White > 2.0 Yellow > 5.0

### Notes

| Occupational Exposure Control Effectiveness | 1Q/10    | 2Q/10    | 3Q/10    | 4Q/10    | 1Q/11    | 2Q/11    | 3Q/11    | 4Q/11    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>0</b> |

Licensee Comments: none

## RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

### Notes

| RETS/ODCM Radiological Effluent | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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[Security](#) information not publicly available.

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[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

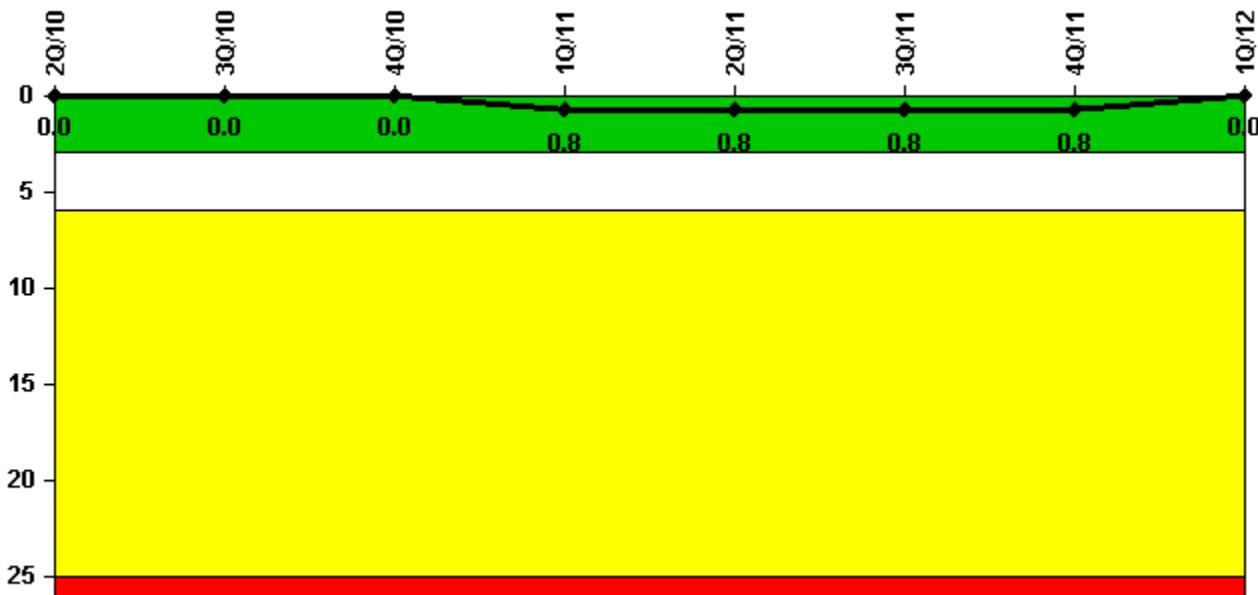
Last Modified: February 2, 2012

# La Salle 1

## 1Q/2012 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



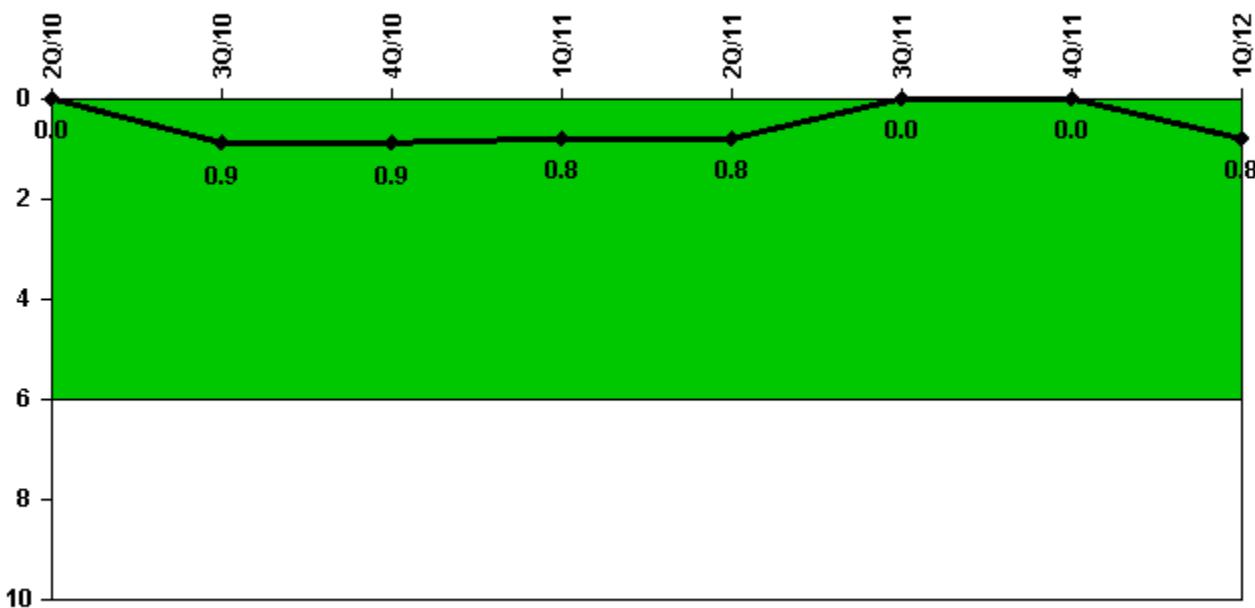
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

| Unplanned Scrams per 7000 Critical Hrs | 2Q/10  | 3Q/10  | 4Q/10  | 1Q/11  | 2Q/11  | 3Q/11  | 4Q/11  | 1Q/12  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 0      | 0      | 1.0    | 0      | 0      | 0      | 0      |
| Critical hours                         | 2184.0 | 2208.0 | 2209.0 | 1968.1 | 2184.0 | 2208.0 | 2209.0 | 1634.4 |
| Indicator value                        | 0      | 0      | 0      | 0.8    | 0.8    | 0.8    | 0.8    | 0      |

Licensee Comments: none

## Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

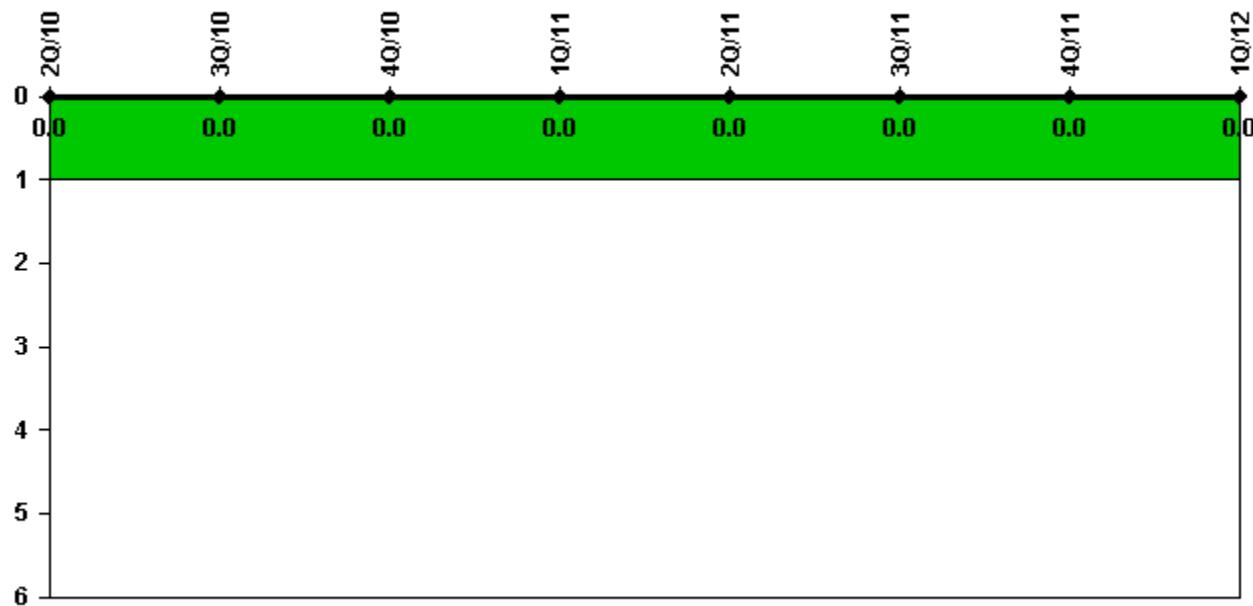
### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 2Q/10    | 3Q/10      | 4Q/10      | 1Q/11      | 2Q/11      | 3Q/11    | 4Q/11    | 1Q/12      |
|---|----------|------------|------------|------------|------------|----------|----------|------------|
| Unplanned power changes                       | 0        | 1.0        | 0          | 0          | 0          | 0        | 0        | 1.0        |
| Critical hours                                | 2184.0   | 2208.0     | 2209.0     | 1968.1     | 2184.0     | 2208.0   | 2209.0   | 1634.4     |
| Indicator value                               | <b>0</b> | <b>0.9</b> | <b>0.9</b> | <b>0.8</b> | <b>0.8</b> | <b>0</b> | <b>0</b> | <b>0.8</b> |

Licensee Comments:

3Q/10: An internal review identified that LaSalle inadvertently reported a Unit 1 downpower that occurred in January 2010 as an unplanned power change per 7000 critical hours. More than 72 hours elapsed between the time of discovery of the condition and a change in power. This discrepancy has been entered into the corrective action program, and the number of unplanned power changes per 7000 critical hours on Unit 1 for January 2010 has been changed from 1 to 0. The indicator color was not impacted, and remains GREEN.

## Unplanned Scrams with Complications



Thresholds: White > 1.0

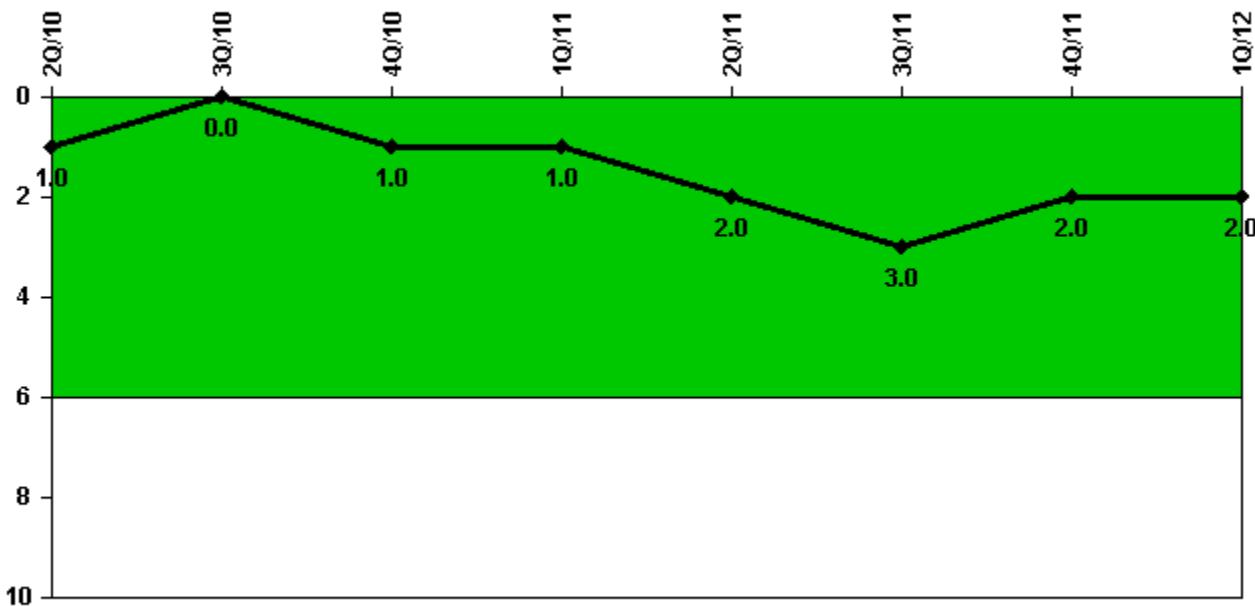
### Notes

| Unplanned Scrams with Complications | 2Q/10      | 3Q/10      | 4Q/10      | 1Q/11      | 2Q/11      | 3Q/11      | 4Q/11      | 1Q/12      |
|-------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Scrams with complications           | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
|                                     |            |            |            |            |            |            |            |            |
|                                     |            |            |            |            |            |            |            |            |
| Indicator value                     | <b>0.0</b> |

Licensee Comments: none

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## Safety System Functional Failures (BWR)



Thresholds: White > 6.0

### Notes

| Safety System Functional Failures (BWR) | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures       | 0     | 0     | 1     | 0     | 1     | 1     | 0     | 0     |
| Indicator value                         | 1     | 0     | 1     | 1     | 2     | 3     | 2     | 2     |

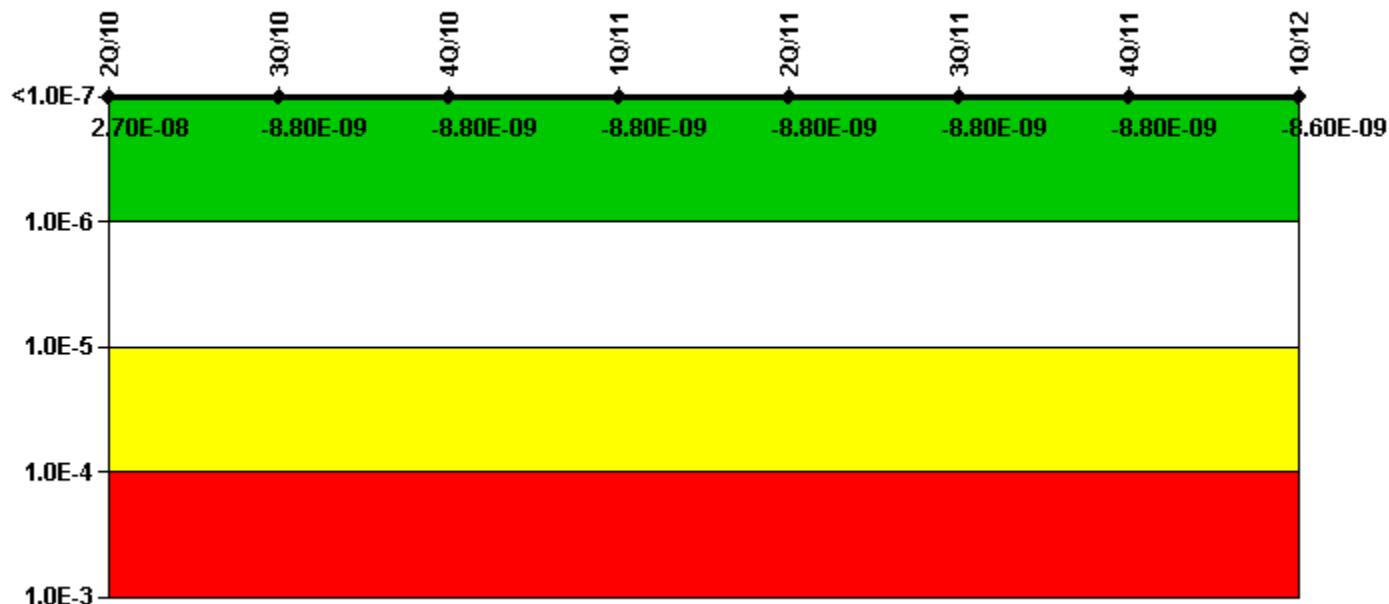
Licensee Comments:

3Q/11: LER 373-11004

2Q/11: LER 373-11003

4Q/10: LER 373-10003

## Mitigating Systems Performance Index, Emergency AC Power System



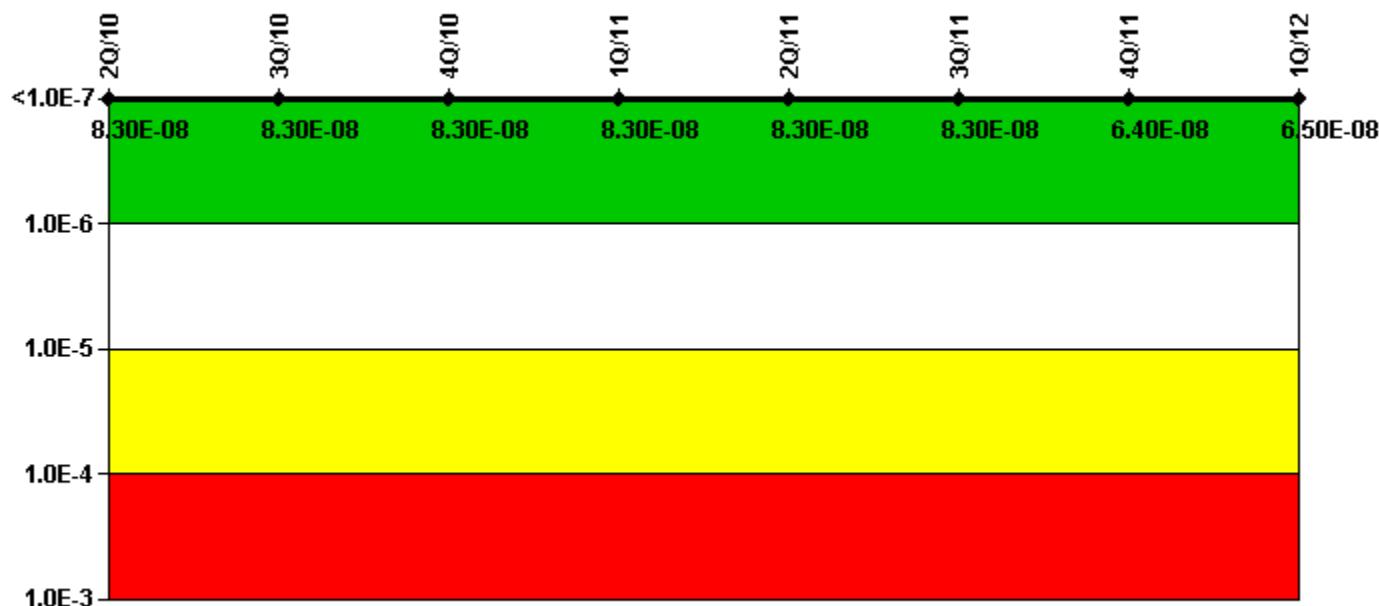
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 2Q/10           | 3Q/10            | 4Q/10            | 1Q/11            | 2Q/11            | 3Q/11            | 4Q/11            | 1Q/12            |
|---|-----------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)   | -2.18E-09       | -3.99E-09        |
| URI ( $\Delta$ CDF)   | 2.89E-08        | -4.81E-09        | -4.81E-09        | -4.81E-09        | -4.81E-09        | -4.81E-09        | -4.81E-09        | -4.61E-09        |
| PLE   | NO              | NO               | NO               | NO               | NO               | NO               | NO               | NO               |
| Indicator value   | <b>2.70E-08</b> | <b>-8.80E-09</b> | <b>-8.80E-09</b> | <b>-8.80E-09</b> | <b>-8.80E-09</b> | <b>-8.80E-09</b> | <b>-8.80E-09</b> | <b>-8.60E-09</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, High Pressure Injection System



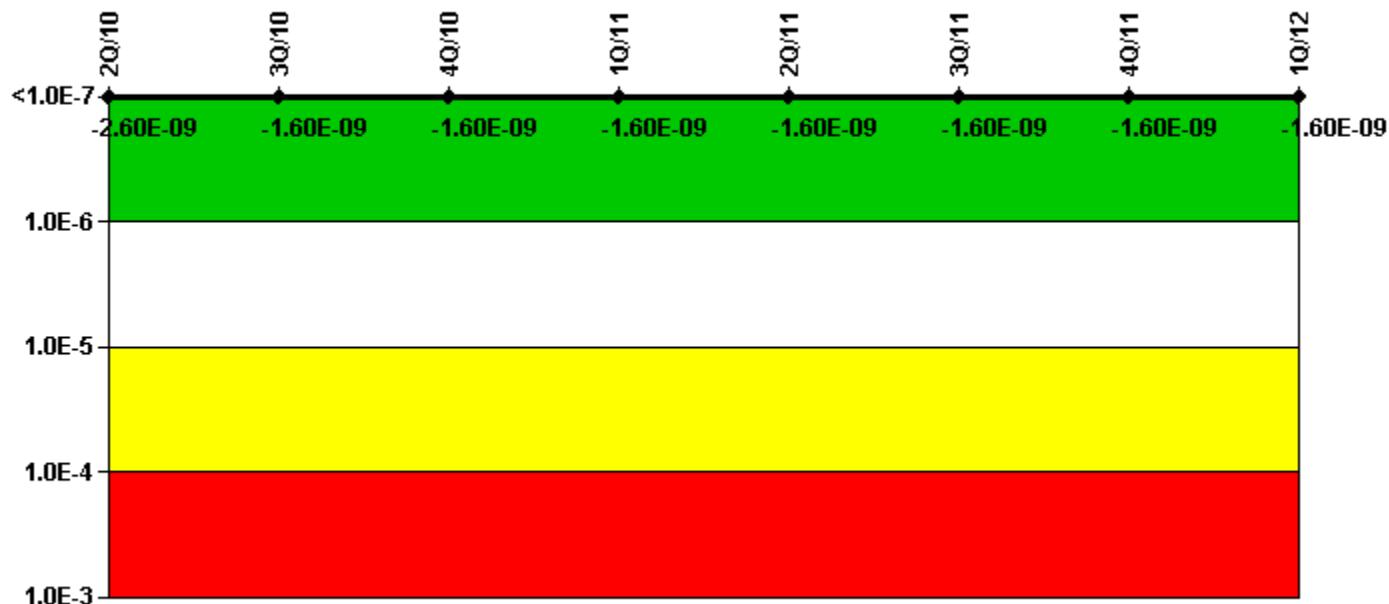
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 2Q/10           | 3Q/10           | 4Q/10           | 1Q/11           | 2Q/11           | 3Q/11           | 4Q/11           | 1Q/12           |
|--|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| UAI ( $\Delta$ CDF)  | 2.01E-09        | 2.01E-09        | 2.01E-09        | 1.95E-09        | 1.95E-09        | 1.94E-09        | 1.39E-09        | 1.80E-09        |
| URI ( $\Delta$ CDF)  | 8.12E-08        | 8.12E-08        | 8.12E-08        | 8.12E-08        | 8.12E-08        | 8.12E-08        | 6.24E-08        | 6.34E-08        |
| PLE  | NO              |
| Indicator value  | <b>8.30E-08</b> | <b>8.30E-08</b> | <b>8.30E-08</b> | <b>8.30E-08</b> | <b>8.30E-08</b> | <b>8.30E-08</b> | <b>6.40E-08</b> | <b>6.50E-08</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, Heat Removal System



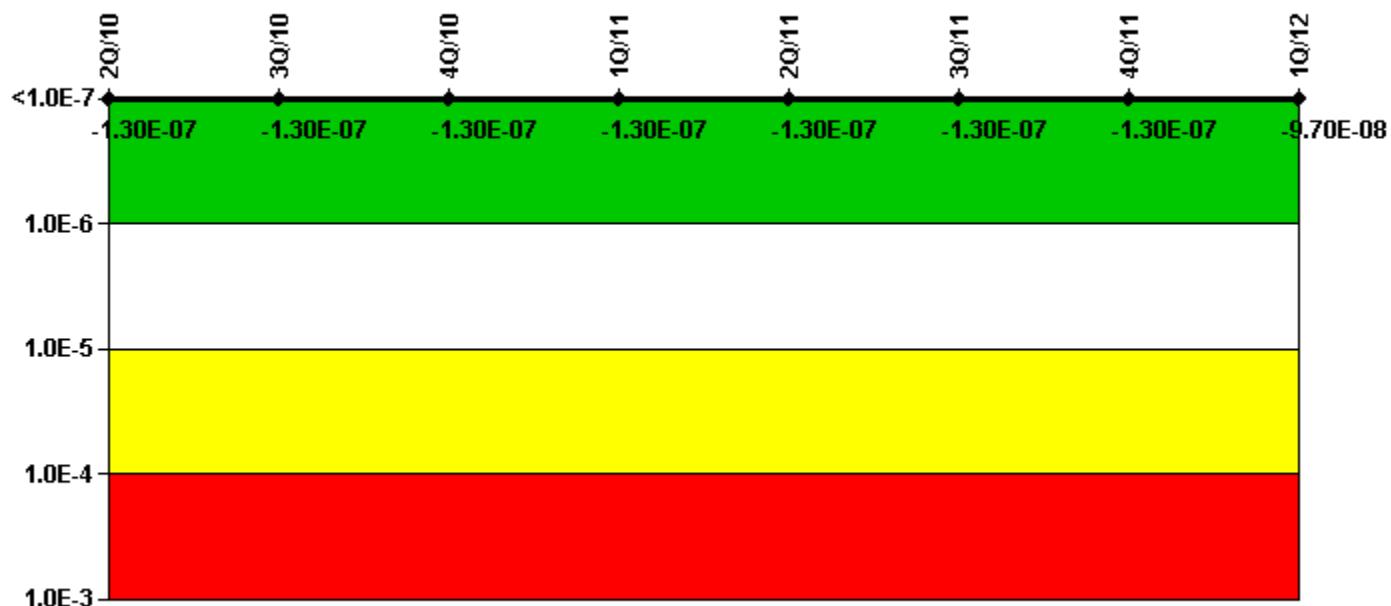
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Heat Removal System | 2Q/10            | 3Q/10            | 4Q/10            | 1Q/11            | 2Q/11            | 3Q/11            | 4Q/11            | 1Q/12            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)                                       | -2.39E-09        | -1.40E-09        | -1.40E-09        | -1.42E-09        | -1.42E-09        | -1.42E-09        | -1.42E-09        | -1.39E-09        |
| URI ( $\Delta$ CDF)                                       | -2.00E-10        | -2.03E-10        |
| PLE   | NO               |
| Indicator value   | <b>-2.60E-09</b> | <b>-1.60E-09</b> |

Licensee Comments: none

# Mitigating Systems Performance Index, Residual Heat Removal System



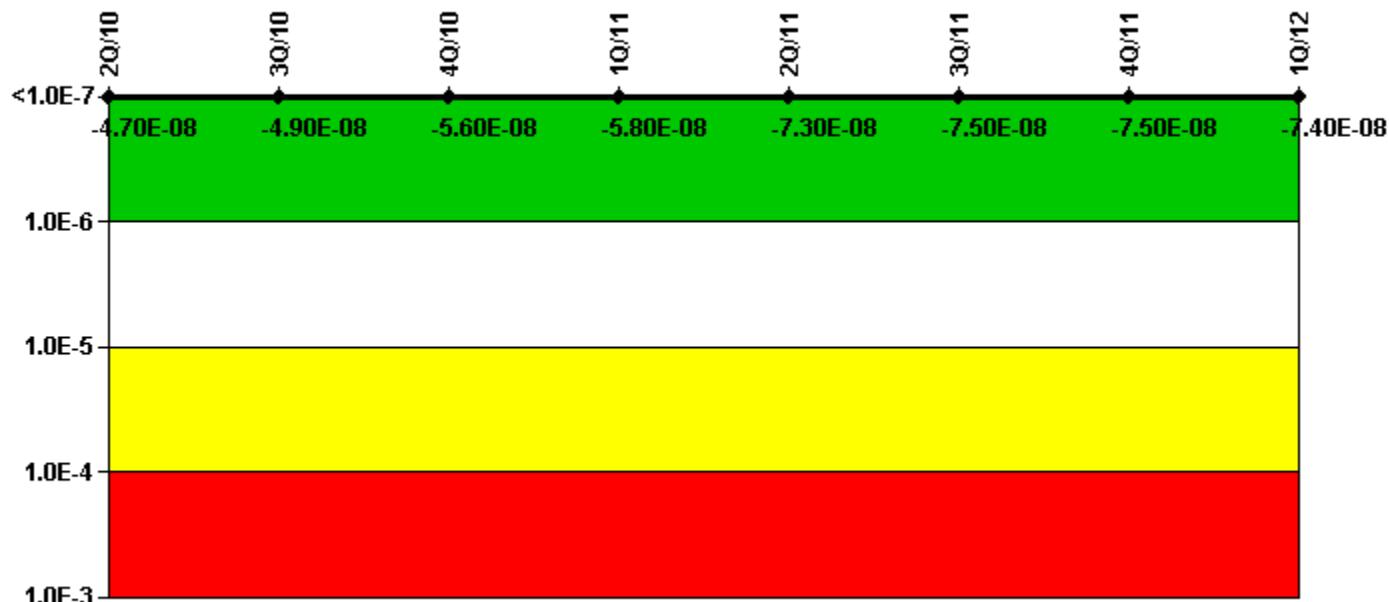
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 2Q/10     | 3Q/10     | 4Q/10     | 1Q/11     | 2Q/11     | 3Q/11     | 4Q/11     | 1Q/12     |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI ( $\Delta$ CDF)  | -4.99E-08 | -4.99E-08 | -4.90E-08 | -4.90E-08 | -4.90E-08 | -4.90E-08 | -4.90E-08 | -1.30E-08 |
| URI ( $\Delta$ CDF)  | -8.44E-08 |
| PLE  | NO        |
| Indicator value  | -1.30E-07 | -9.70E-08 |

Licensee Comments: none

## Mitigating Systems Performance Index, Cooling Water Systems



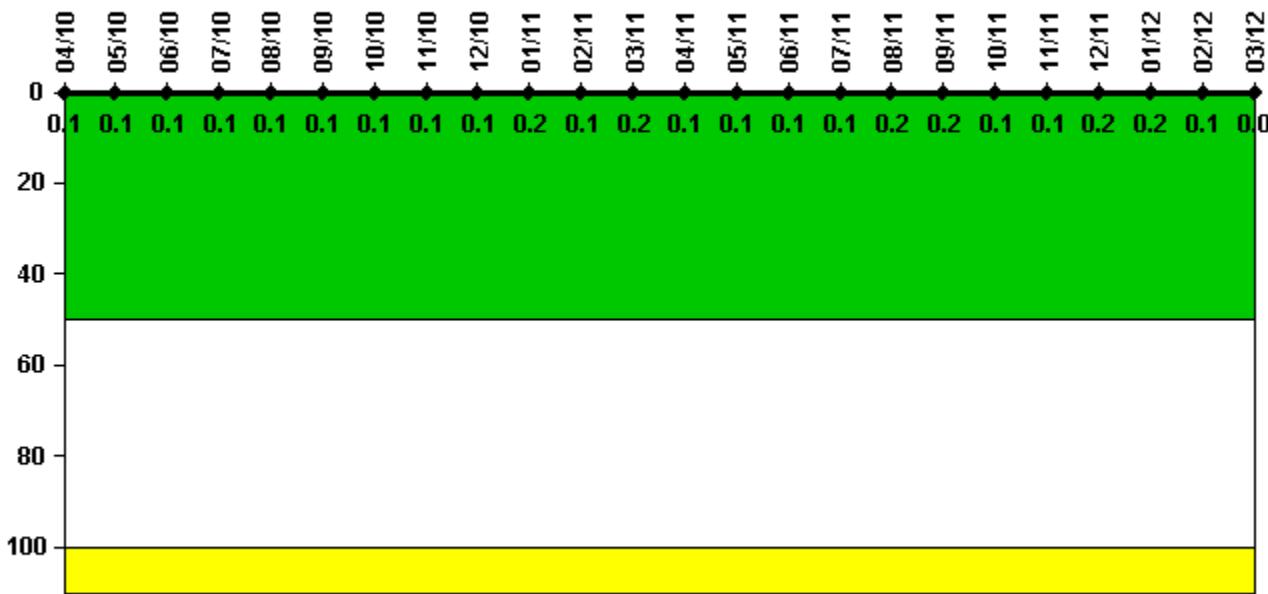
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 2Q/10            | 3Q/10            | 4Q/10            | 1Q/11            | 2Q/11            | 3Q/11            | 4Q/11            | 1Q/12            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)   | 5.71E-08         | 5.50E-08         | 4.83E-08         | 4.66E-08         | 3.10E-08         | 3.00E-08         | 3.00E-08         | 3.10E-08         |
| URI ( $\Delta$ CDF)   | -1.04E-07        | -1.04E-07        | -1.04E-07        | -1.04E-07        | -1.04E-07        | -1.05E-07        | -1.05E-07        | -1.05E-07        |
| PLE   | NO               |
| <b>Indicator value</b>                                      | <b>-4.70E-08</b> | <b>-4.90E-08</b> | <b>-5.60E-08</b> | <b>-5.80E-08</b> | <b>-7.30E-08</b> | <b>-7.50E-08</b> | <b>-7.50E-08</b> | <b>-7.40E-08</b> |

Licensee Comments: none

## Reactor Coolant System Activity



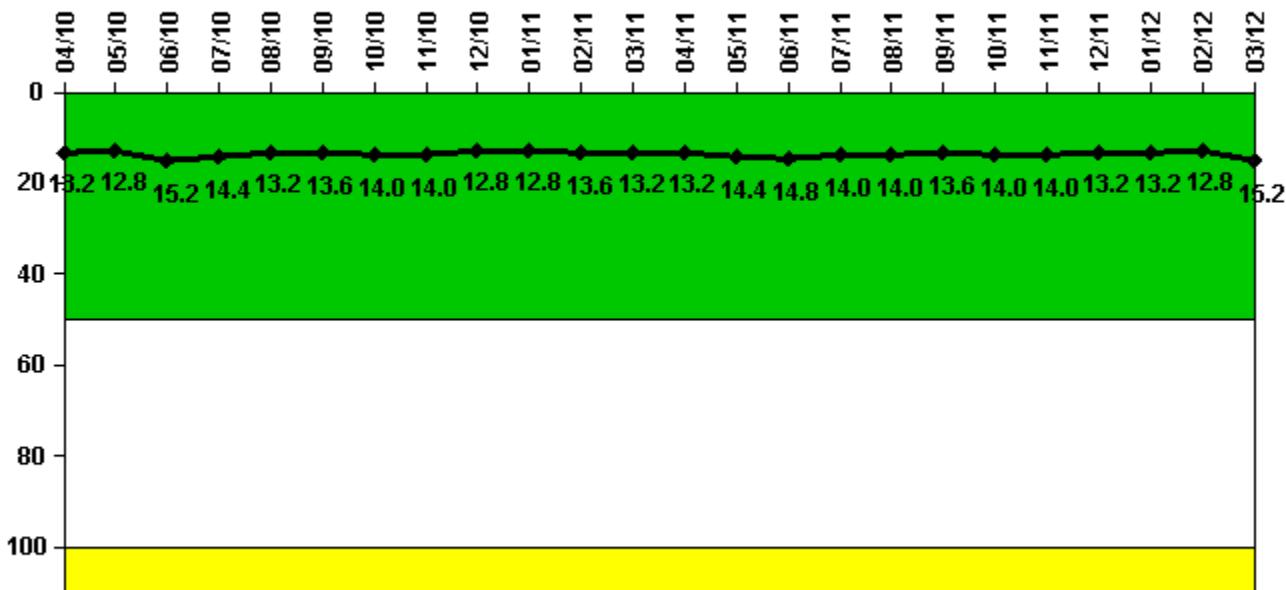
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Activity | 4/10     | 5/10     | 6/10     | 7/10     | 8/10     | 9/10     | 10/10    | 11/10    | 12/10    | 1/11     | 2/11     | 3/11     |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity                | 0.000244 | 0.000253 | 0.000276 | 0.000279 | 0.000279 | 0.000275 | 0.000280 | 0.000298 | 0.000296 | 0.000322 | 0.000247 | 0.000311 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.2      | 0.1      | 0.2      |
| Reactor Coolant System Activity | 4/11     | 5/11     | 6/11     | 7/11     | 8/11     | 9/11     | 10/11    | 11/11    | 12/11    | 1/12     | 2/12     | 3/12     |
| Maximum activity                | 0.000268 | 0.000249 | 0.000299 | 0.000292 | 0.000341 | 0.000458 | 0.000292 | 0.000249 | 0.000323 | 0.000306 | 0.000292 | 0.000081 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0.1      | 0.1      | 0.1      | 0.1      | 0.2      | 0.2      | 0.1      | 0.1      | 0.2      | 0.2      | 0.1      | 0        |

Licensee Comments: none

## Reactor Coolant System Leakage



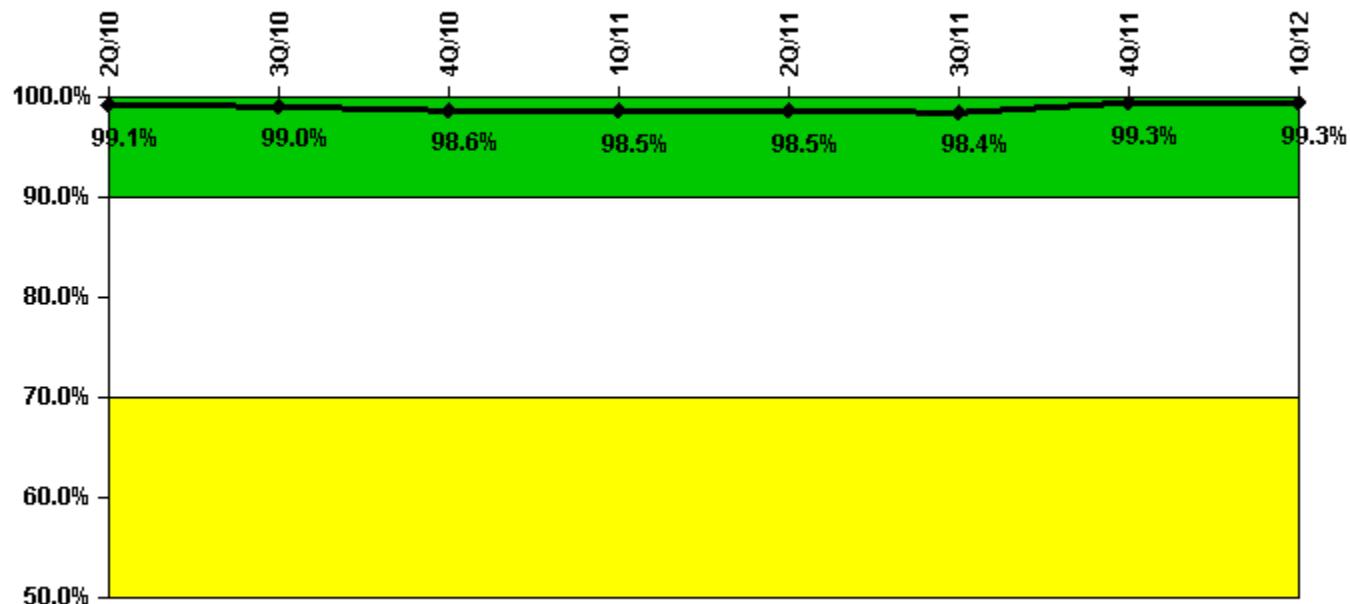
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| <b>Reactor Coolant System Leakage</b> | <b>4/10</b> | <b>5/10</b> | <b>6/10</b> | <b>7/10</b> | <b>8/10</b> | <b>9/10</b> | <b>10/10</b> | <b>11/10</b> | <b>12/10</b> | <b>1/11</b> | <b>2/11</b> | <b>3/11</b> |
|---------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|-------------|-------------|-------------|
| Maximum leakage                       | 3.300       | 3.200       | 3.800       | 3.600       | 3.300       | 3.400       | 3.500        | 3.500        | 3.200        | 3.200       | 3.400       | 3.300       |
| Technical specification limit         | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0         | 25.0         | 25.0         | 25.0        | 25.0        | 25.0        |
| <b>Indicator value</b>                | <b>13.2</b> | <b>12.8</b> | <b>15.2</b> | <b>14.4</b> | <b>13.2</b> | <b>13.6</b> | <b>14.0</b>  | <b>14.0</b>  | <b>12.8</b>  | <b>12.8</b> | <b>13.6</b> | <b>13.2</b> |
| <b>Reactor Coolant System Leakage</b> | <b>4/11</b> | <b>5/11</b> | <b>6/11</b> | <b>7/11</b> | <b>8/11</b> | <b>9/11</b> | <b>10/11</b> | <b>11/11</b> | <b>12/11</b> | <b>1/12</b> | <b>2/12</b> | <b>3/12</b> |
| Maximum leakage                       | 3.300       | 3.600       | 3.700       | 3.500       | 3.500       | 3.400       | 3.500        | 3.500        | 3.300        | 3.300       | 3.200       | 3.800       |
| Technical specification limit         | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0         | 25.0         | 25.0         | 25.0        | 25.0        | 25.0        |
| <b>Indicator value</b>                | <b>13.2</b> | <b>14.4</b> | <b>14.8</b> | <b>14.0</b> | <b>14.0</b> | <b>13.6</b> | <b>14.0</b>  | <b>14.0</b>  | <b>13.2</b>  | <b>13.2</b> | <b>12.8</b> | <b>15.2</b> |

Licensee Comments: none

## Drill/Exercise Performance



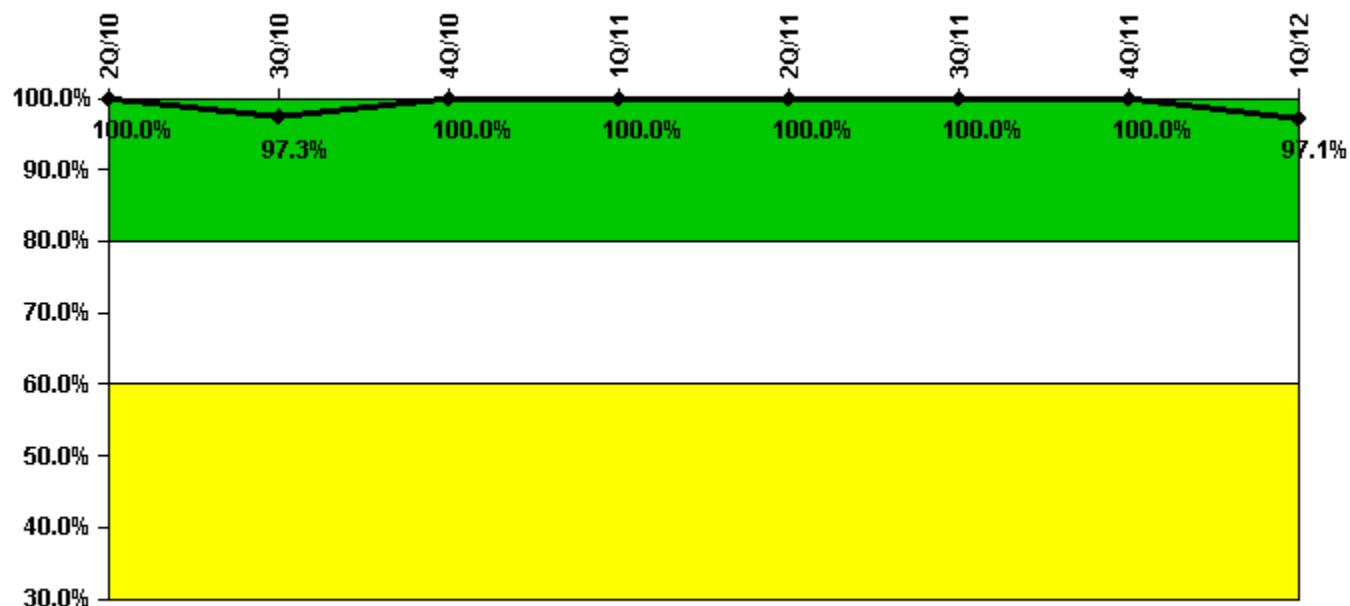
Thresholds: White < 90.0% Yellow < 70.0%

### Notes

| Drill/Exercise Performance | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities   | 55.0  | 16.0  | 36.0  | 0     | 40.0  | 39.0  | 64.0  | 24.0  |
| Total opportunities        | 56.0  | 16.0  | 37.0  | 0     | 40.0  | 39.0  | 64.0  | 24.0  |
| Indicator value            | 99.1% | 99.0% | 98.6% | 98.5% | 98.5% | 98.4% | 99.3% | 99.3% |

Licensee Comments: none

## ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

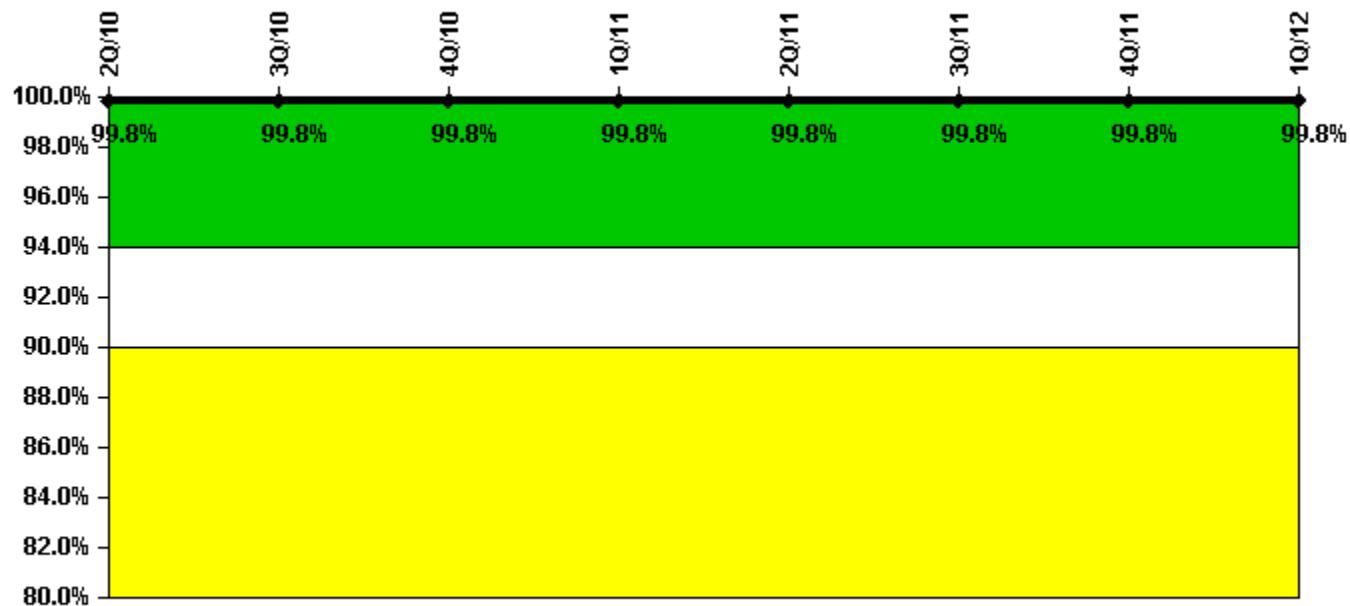
### Notes

| ERO Drill Participation     | 2Q/10         | 3Q/10        | 4Q/10         | 1Q/11         | 2Q/11         | 3Q/11         | 4Q/11         | 1Q/12        |
|-----------------------------|---------------|--------------|---------------|---------------|---------------|---------------|---------------|--------------|
| Participating Key personnel | 77.0          | 72.0         | 70.0          | 65.0          | 63.0          | 68.0          | 70.0          | 68.0         |
| Total Key personnel         | 77.0          | 74.0         | 70.0          | 65.0          | 63.0          | 68.0          | 70.0          | 70.0         |
| Indicator value             | <b>100.0%</b> | <b>97.3%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>97.1%</b> |

Licensee Comments: none

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## Alert & Notification System



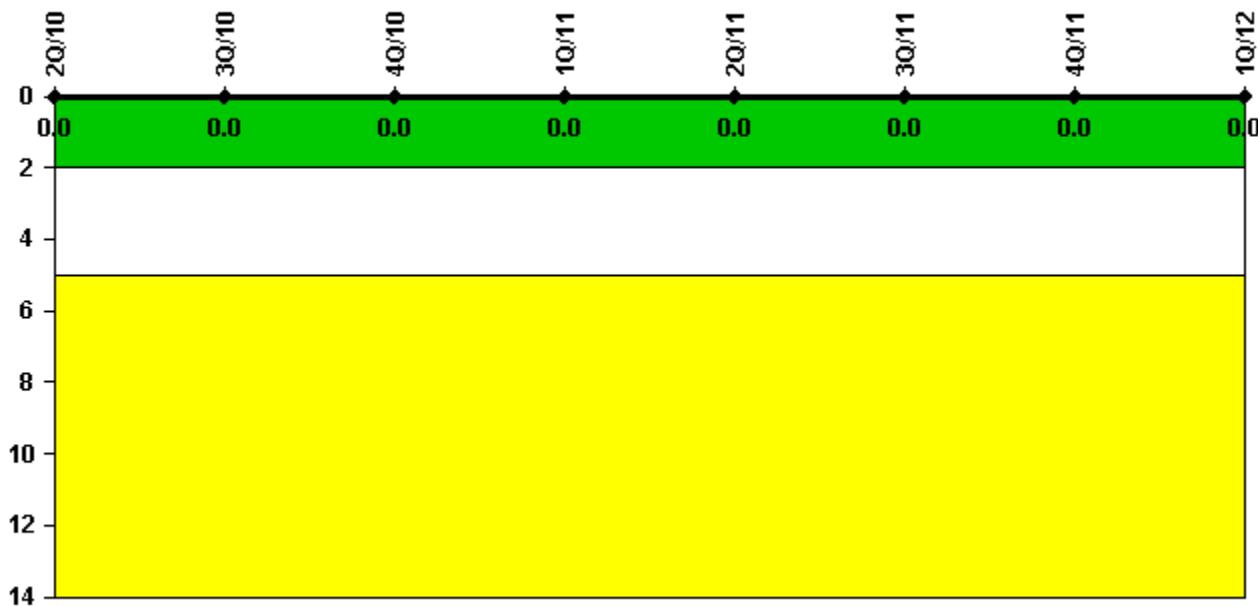
Thresholds: White < 94.0% Yellow < 90.0%

### Notes

| Alert & Notification System | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests      | 2167  | 2205  | 2210  | 2173  | 2170  | 2170  | 2171  | 2207  |
| Total sirens-tests          | 2176  | 2210  | 2210  | 2176  | 2176  | 2176  | 2176  | 2210  |
| Indicator value             | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% |

Licensee Comments: none

## Occupational Exposure Control Effectiveness



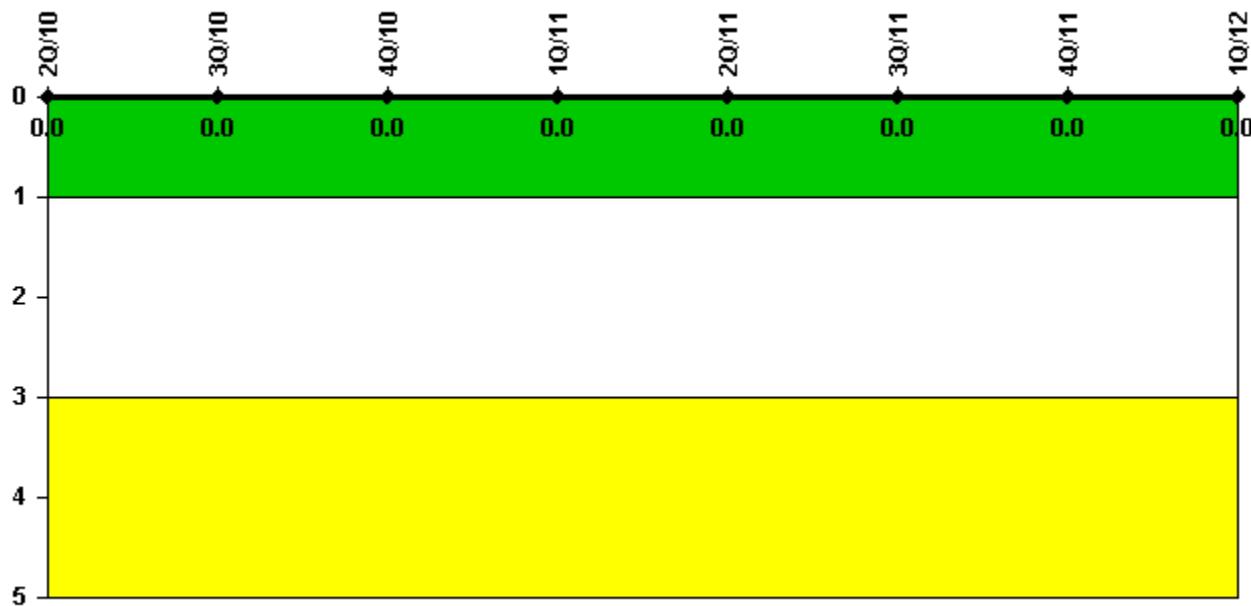
Thresholds: White > 2.0 Yellow > 5.0

### Notes

| Occupational Exposure Control Effectiveness | 2Q/10    | 3Q/10    | 4Q/10    | 1Q/11    | 2Q/11    | 3Q/11    | 4Q/11    | 1Q/12    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>0</b> |

Licensee Comments: none

## RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

### Notes

| RETS/ODCM Radiological Effluent | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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[Security](#) information not publicly available.

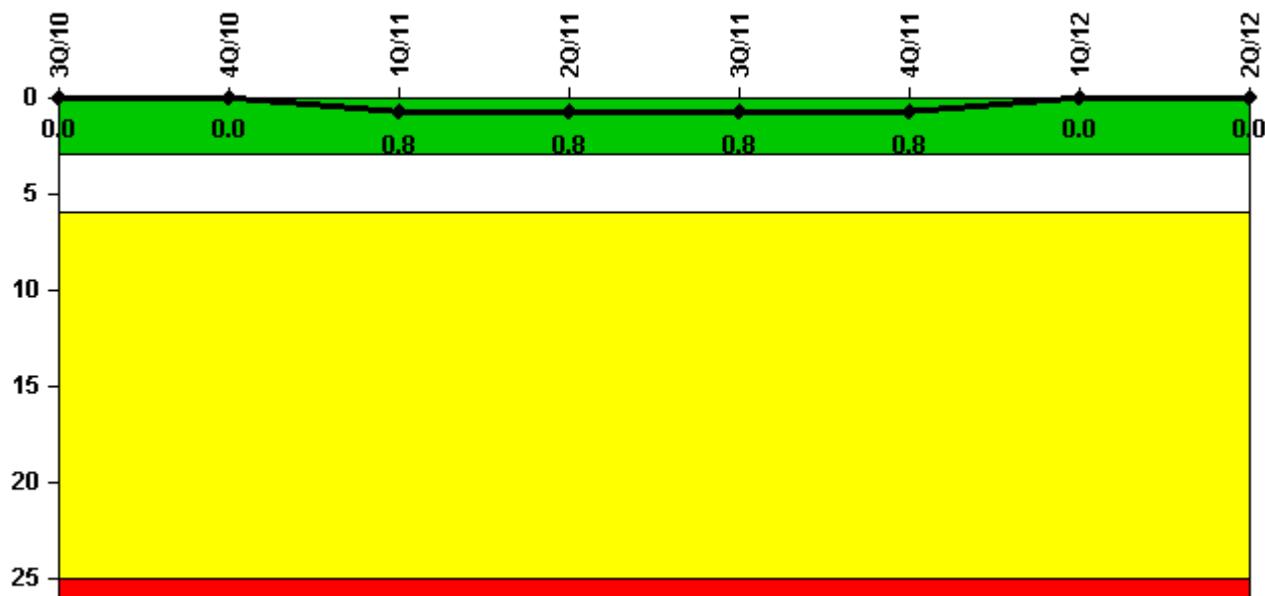
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# La Salle 1

## 2Q/2012 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



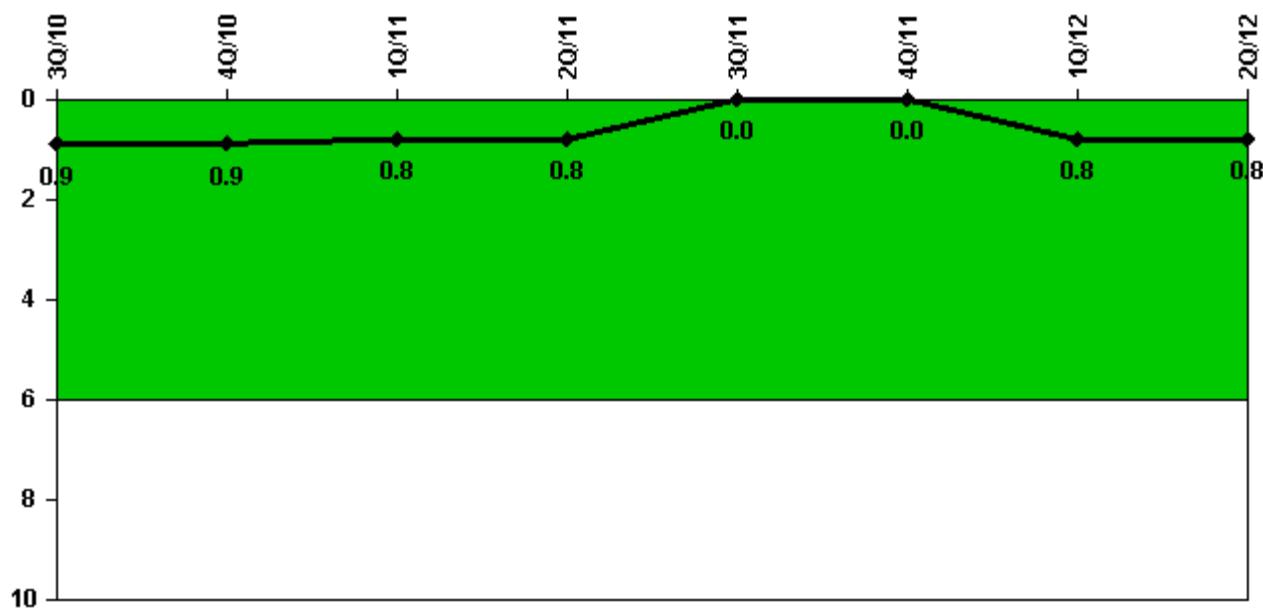
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

| Unplanned Scrams per 7000 Critical Hrs | 3Q/10  | 4Q/10  | 1Q/11  | 2Q/11  | 3Q/11  | 4Q/11  | 1Q/12  | 2Q/12  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 0      | 1.0    | 0      | 0      | 0      | 0      | 0      |
| Critical hours                         | 2208.0 | 2209.0 | 1968.1 | 2184.0 | 2208.0 | 2209.0 | 1634.4 | 2184.0 |
| Indicator value                        | 0      | 0      | 0.8    | 0.8    | 0.8    | 0.8    | 0      | 0      |

Licensee Comments: none

## Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

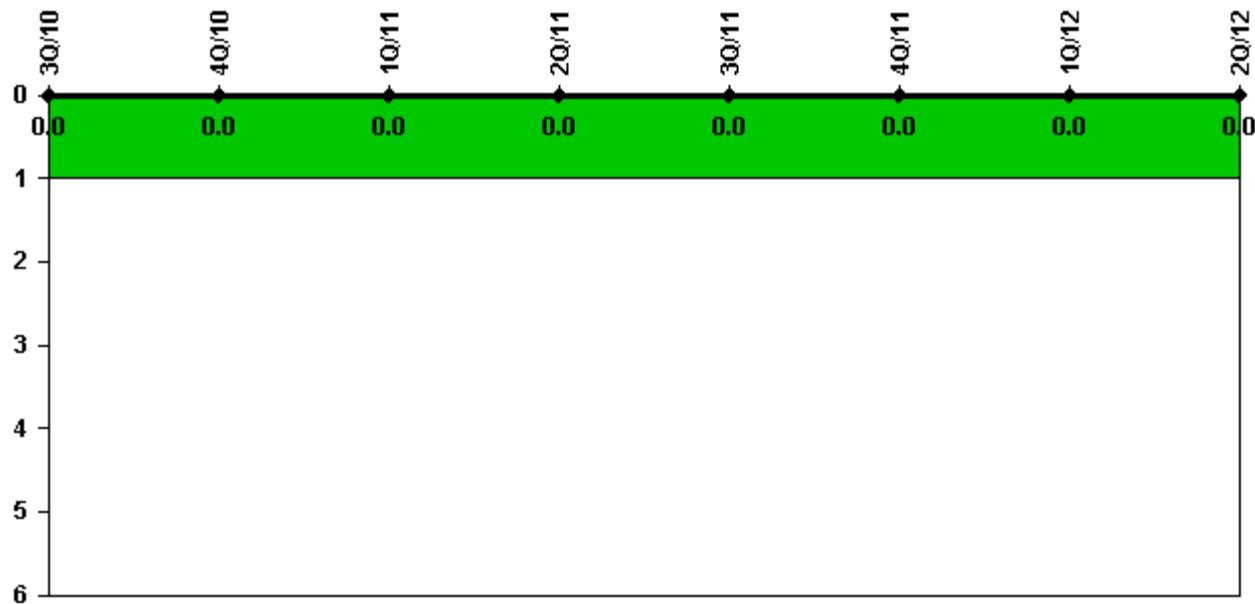
### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 3Q/10  | 4Q/10  | 1Q/11  | 2Q/11  | 3Q/11  | 4Q/11  | 1Q/12  | 2Q/12  |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes                       | 1.0    | 0      | 0      | 0      | 0      | 0      | 1.0    | 0      |
| Critical hours                                | 2208.0 | 2209.0 | 1968.1 | 2184.0 | 2208.0 | 2209.0 | 1634.4 | 2184.0 |
| Indicator value                               | 0.9    | 0.9    | 0.8    | 0.8    | 0      | 0      | 0.8    | 0.8    |

Licensee Comments:

3Q/10: An internal review identified that LaSalle inadvertently reported a Unit 1 downpower that occurred in January 2010 as an unplanned power change per 7000 critical hours. More than 72 hours elapsed between the time of discovery of the condition and a change in power. This discrepancy has been entered into the corrective action program, and the number of unplanned power changes per 7000 critical hours on Unit 1 for January 2010 has been changed from 1 to 0. The indicator color was not impacted, and remains GREEN.

## Unplanned Scrams with Complications



Thresholds: White > 1.0

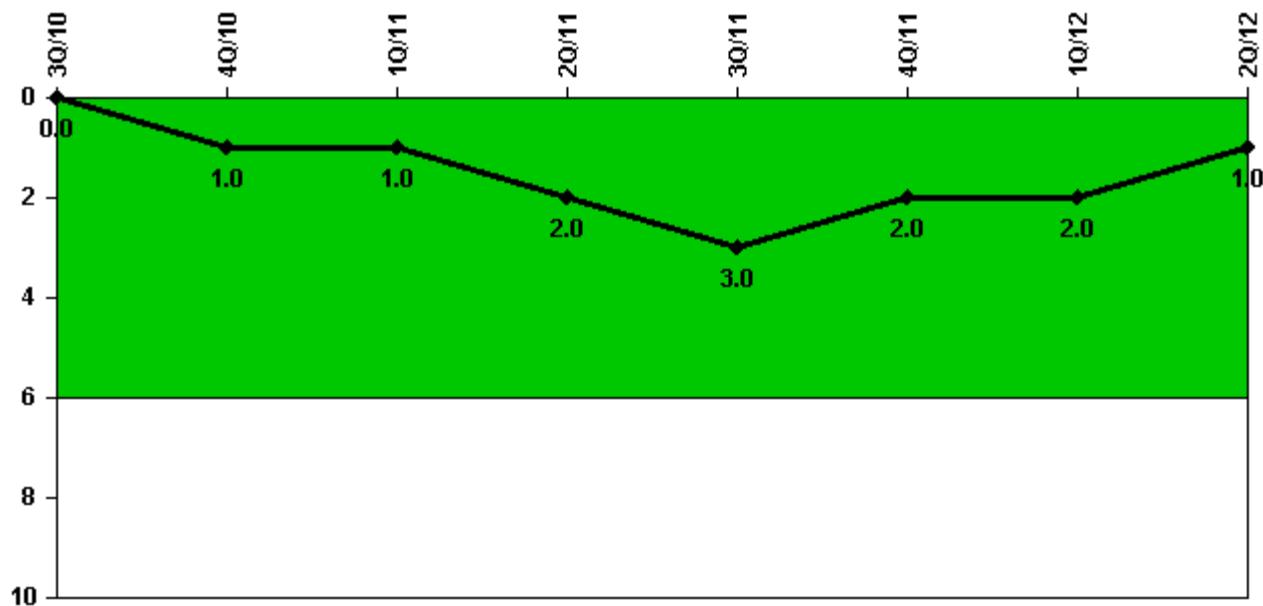
### Notes

| Unplanned Scrams with Complications | 3Q/10      | 4Q/10      | 1Q/11      | 2Q/11      | 3Q/11      | 4Q/11      | 1Q/12      | 2Q/12      |
|-------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Scrams with complications           | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
|                                     |            |            |            |            |            |            |            |            |
|                                     |            |            |            |            |            |            |            |            |
| <b>Indicator value</b>              | <b>0.0</b> |

Licensee Comments: none

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## Safety System Functional Failures (BWR)



Thresholds: White > 6.0

### Notes

| Safety System Functional Failures (BWR) | 3Q/10    | 4Q/10    | 1Q/11    | 2Q/11    | 3Q/11    | 4Q/11    | 1Q/12    | 2Q/12    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Safety System Functional Failures       | 0        | 1        | 0        | 1        | 1        | 0        | 0        | 0        |
| Indicator value                         | <b>0</b> | <b>1</b> | <b>1</b> | <b>2</b> | <b>3</b> | <b>2</b> | <b>2</b> | <b>1</b> |

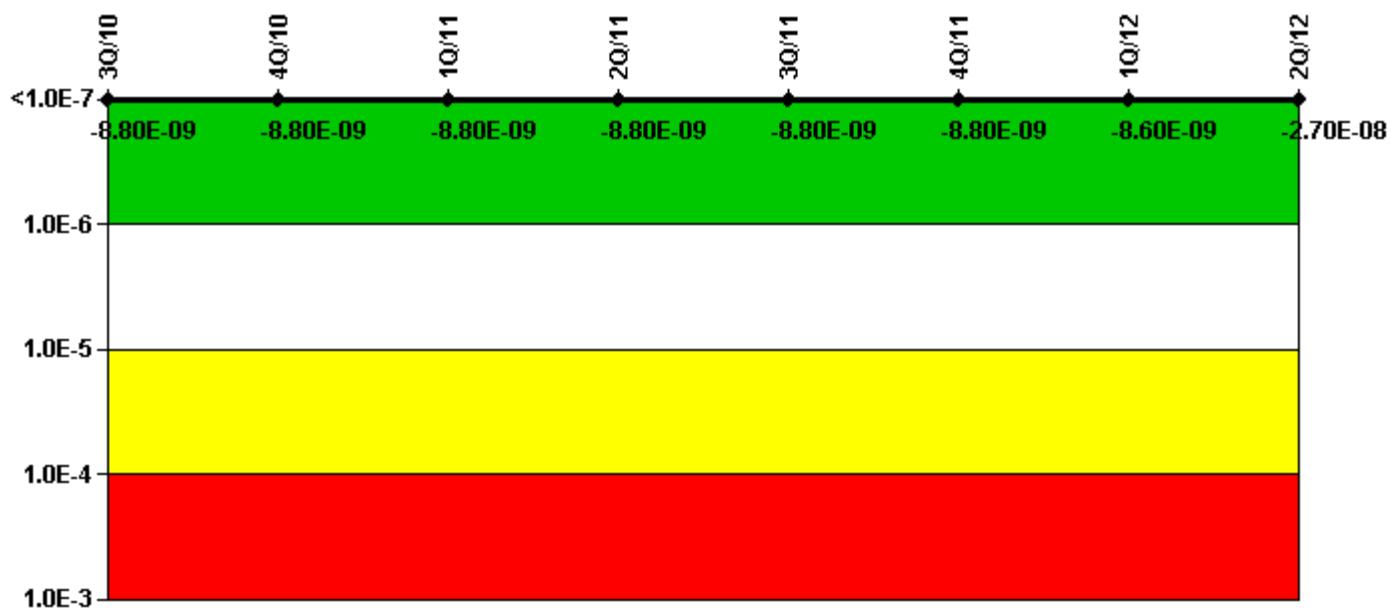
Licensee Comments:

3Q/11: LER 373-11004

2Q/11: LER 373-11003

4Q/10: LER 373-10003

## Mitigating Systems Performance Index, Emergency AC Power System



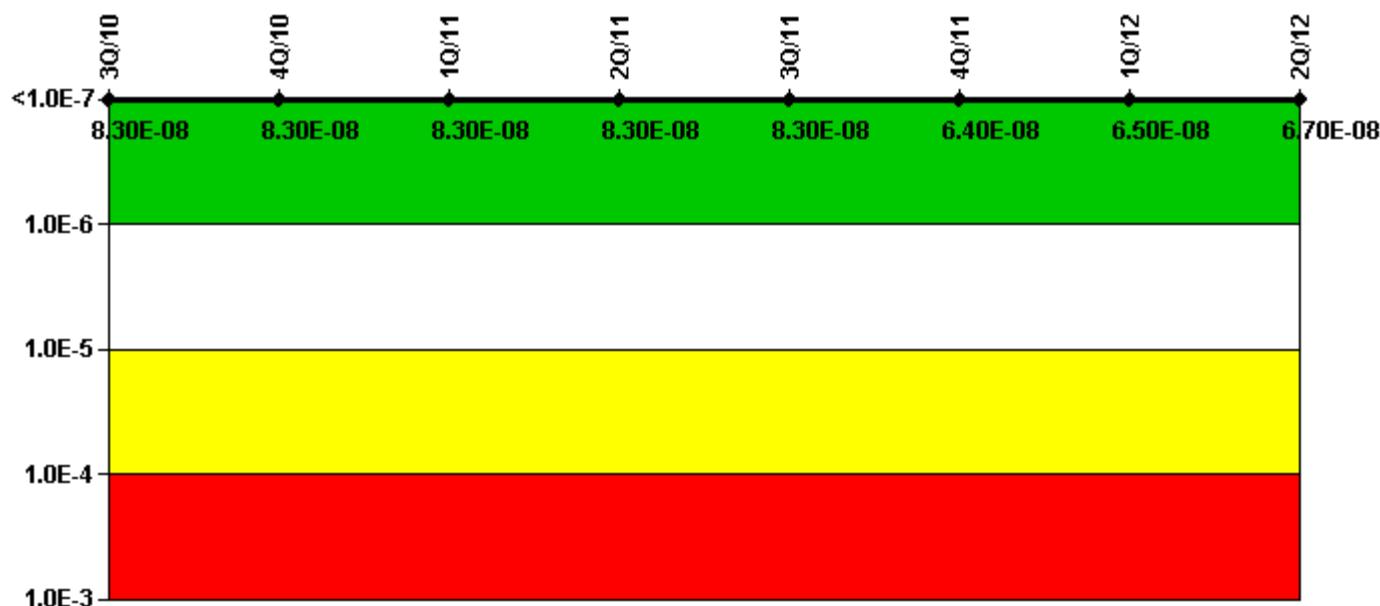
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 3Q/10            | 4Q/10            | 1Q/11            | 2Q/11            | 3Q/11            | 4Q/11            | 1Q/12            | 2Q/12            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)   | -3.99E-09        | -4.09E-09        |
| URI ( $\Delta$ CDF)   | -4.81E-09        | -4.81E-09        | -4.81E-09        | -4.81E-09        | -4.81E-09        | -4.81E-09        | -4.61E-09        | -2.24E-08        |
| PLE   | NO               |
| Indicator value   | <b>-8.80E-09</b> | <b>-8.80E-09</b> | <b>-8.80E-09</b> | <b>-8.80E-09</b> | <b>-8.80E-09</b> | <b>-8.80E-09</b> | <b>-8.60E-09</b> | <b>-2.70E-08</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, High Pressure Injection System



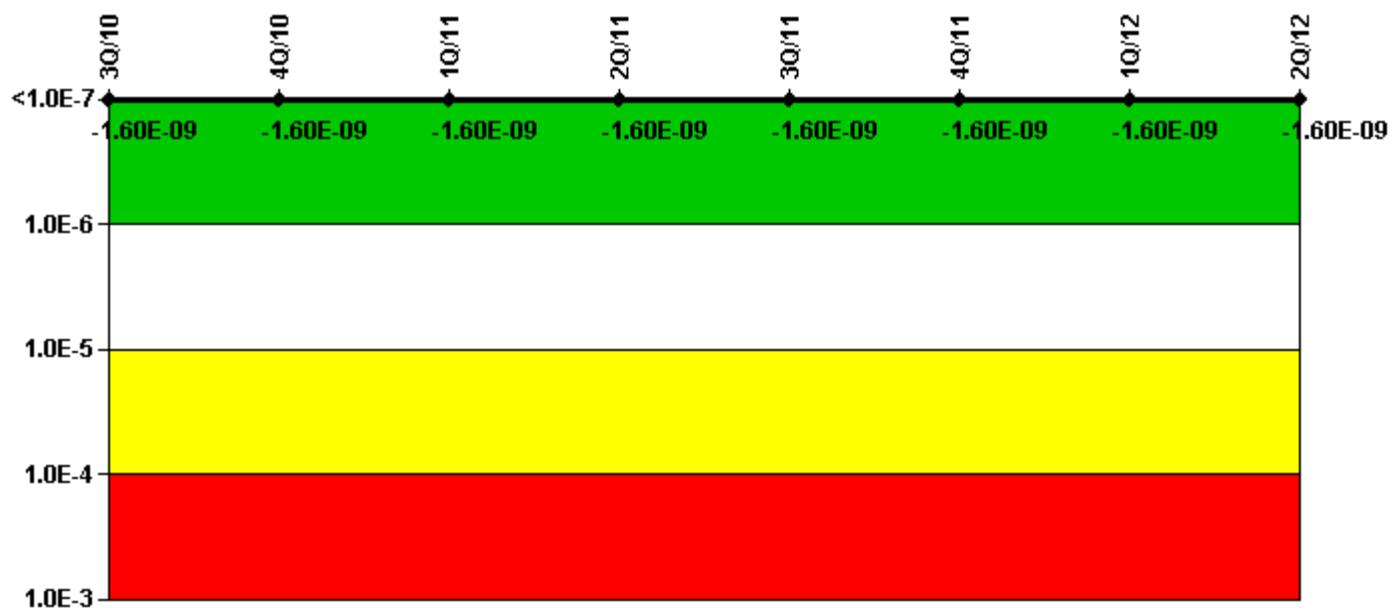
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 3Q/10    | 4Q/10    | 1Q/11    | 2Q/11    | 3Q/11    | 4Q/11    | 1Q/12    | 2Q/12    |
|--|----------|----------|----------|----------|----------|----------|----------|----------|
| UAI (ΔCDF)   | 2.01E-09 | 2.01E-09 | 1.95E-09 | 1.95E-09 | 1.94E-09 | 1.39E-09 | 1.80E-09 | 2.36E-09 |
| URI (ΔCDF)   | 8.12E-08 | 8.12E-08 | 8.12E-08 | 8.12E-08 | 8.12E-08 | 6.24E-08 | 6.34E-08 | 6.44E-08 |
| PLE  | NO       |
| Indicator value  | 8.30E-08 | 8.30E-08 | 8.30E-08 | 8.30E-08 | 8.30E-08 | 6.40E-08 | 6.50E-08 | 6.70E-08 |

Licensee Comments: none

## Mitigating Systems Performance Index, Heat Removal System



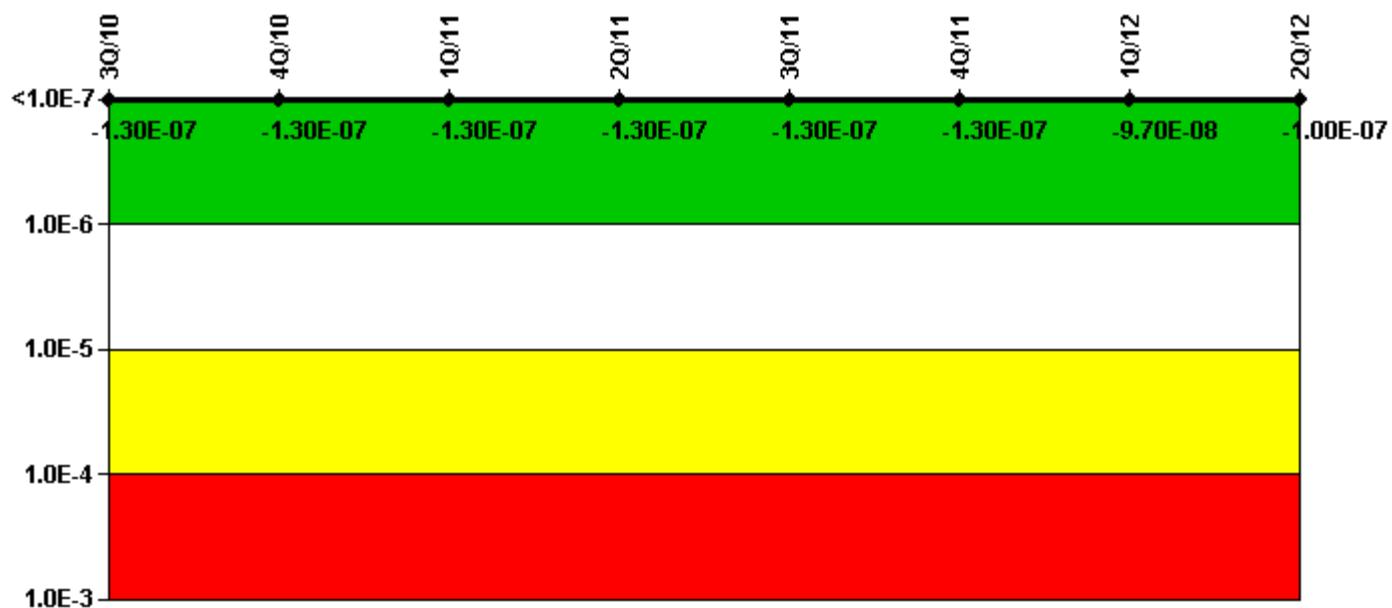
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Heat Removal System | 3Q/10            | 4Q/10            | 1Q/11            | 2Q/11            | 3Q/11            | 4Q/11            | 1Q/12            | 2Q/12            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI (ΔCDF)  | -1.40E-09        | -1.40E-09        | -1.42E-09        | -1.42E-09        | -1.42E-09        | -1.42E-09        | -1.39E-09        | -1.39E-09        |
| URI (ΔCDF)  | -2.03E-10        |
| PLE   | NO               |
| Indicator value   | <b>-1.60E-09</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, Residual Heat Removal System



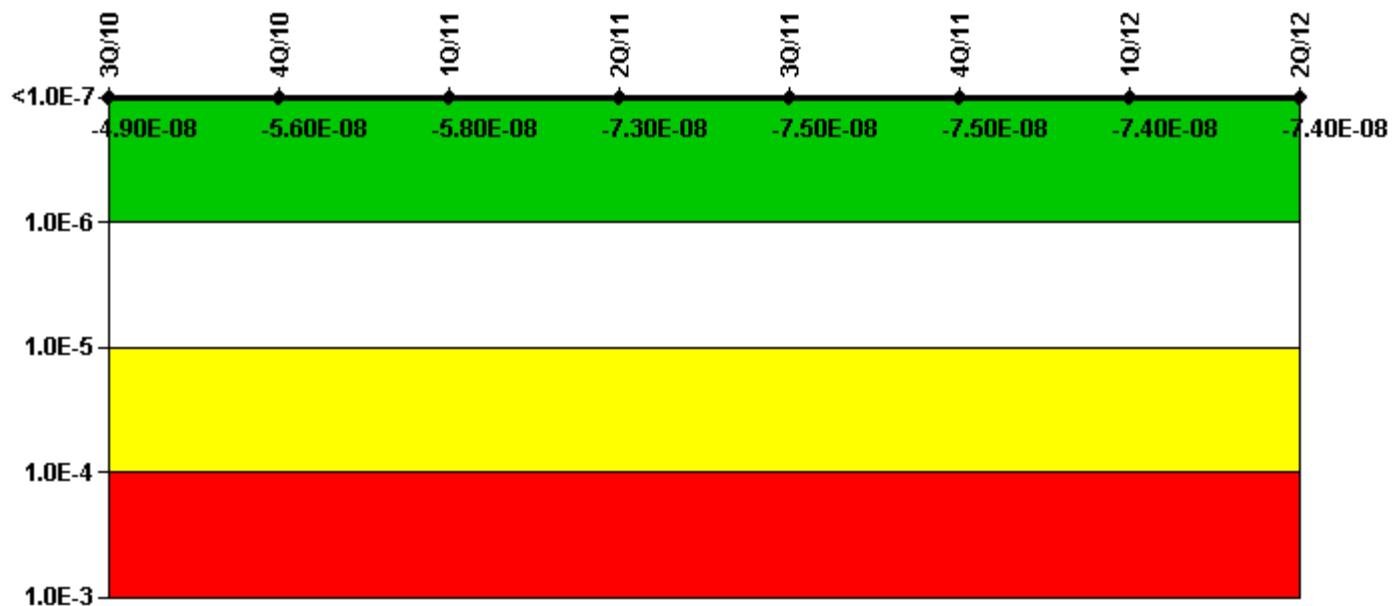
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 3Q/10     | 4Q/10     | 1Q/11     | 2Q/11     | 3Q/11     | 4Q/11     | 1Q/12     | 2Q/12     |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (ΔCDF)   | -4.99E-08 | -4.90E-08 | -4.90E-08 | -4.90E-08 | -4.90E-08 | -4.90E-08 | -1.30E-08 | -1.79E-08 |
| URI (ΔCDF)   | -8.44E-08 |
| PLE  | NO        |
| Indicator value  | -1.30E-07 | -1.30E-07 | -1.30E-07 | -1.30E-07 | -1.30E-07 | -1.30E-07 | -9.70E-08 | -1.00E-07 |

Licensee Comments: none

## Mitigating Systems Performance Index, Cooling Water Systems



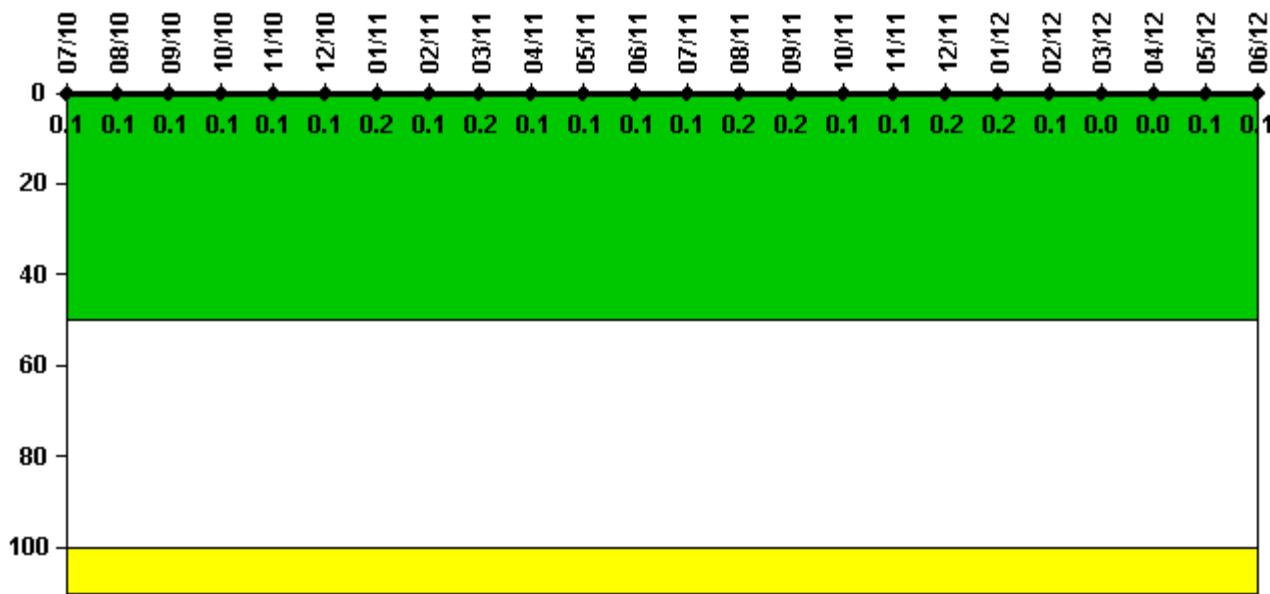
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 3Q/10     | 4Q/10     | 1Q/11     | 2Q/11     | 3Q/11     | 4Q/11     | 1Q/12     | 2Q/12     |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (ΔCDF)  | 5.50E-08  | 4.83E-08  | 4.66E-08  | 3.10E-08  | 3.00E-08  | 3.00E-08  | 3.10E-08  | 3.10E-08  |
| URI (ΔCDF)  | -1.04E-07 | -1.04E-07 | -1.04E-07 | -1.04E-07 | -1.05E-07 | -1.05E-07 | -1.05E-07 | -1.05E-07 |
| PLE   | NO        |
| Indicator value   | -4.90E-08 | -5.60E-08 | -5.80E-08 | -7.30E-08 | -7.50E-08 | -7.50E-08 | -7.40E-08 | -7.40E-08 |

Licensee Comments: none

## Reactor Coolant System Activity



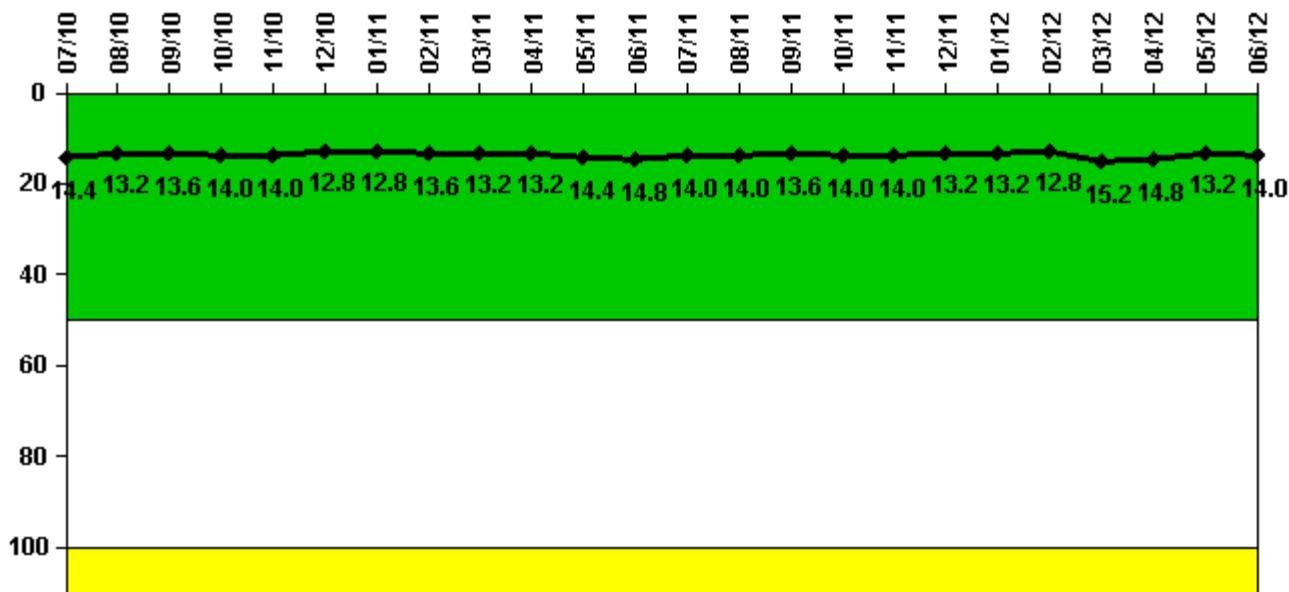
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Activity | 7/10     | 8/10     | 9/10     | 10/10    | 11/10    | 12/10    | 1/11     | 2/11     | 3/11     | 4/11     | 5/11     | 6/11     |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity                | 0.000279 | 0.000279 | 0.000275 | 0.000280 | 0.000298 | 0.000296 | 0.000322 | 0.000247 | 0.000311 | 0.000268 | 0.000249 | 0.000299 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.2      | 0.1      | 0.2      | 0.1      | 0.1      | 0.1      |
| Reactor Coolant System Activity | 7/11     | 8/11     | 9/11     | 10/11    | 11/11    | 12/11    | 1/12     | 2/12     | 3/12     | 4/12     | 5/12     | 6/12     |
| Maximum activity                | 0.000292 | 0.000341 | 0.000458 | 0.000292 | 0.000249 | 0.000323 | 0.000306 | 0.000292 | 0.000081 | 0.000089 | 0.000136 | 0.000106 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0.1      | 0.2      | 0.2      | 0.1      | 0.1      | 0.2      | 0.2      | 0.1      | 0        | 0        | 0.1      | 0.1      |

Licensee Comments: none

## Reactor Coolant System Leakage



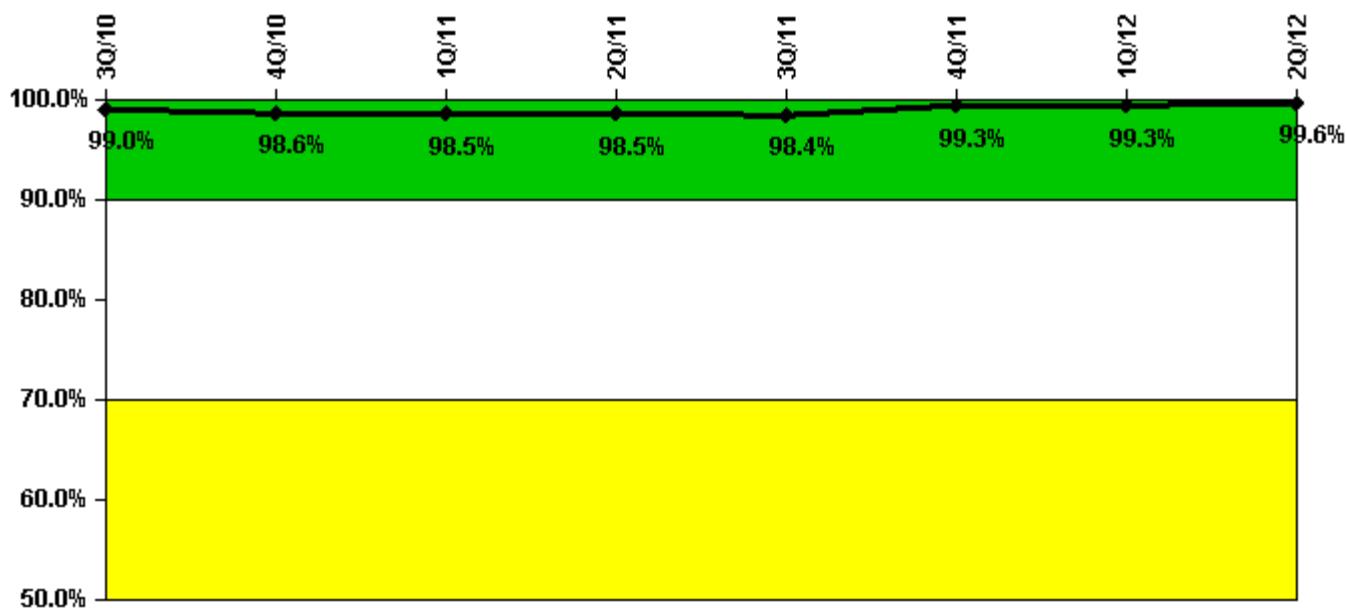
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Leakage | 7/10        | 8/10        | 9/10        | 10/10       | 11/10       | 12/10       | 1/11        | 2/11        | 3/11        | 4/11        | 5/11        | 6/11        |
|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Maximum leakage                | 3.600       | 3.300       | 3.400       | 3.500       | 3.500       | 3.200       | 3.200       | 3.400       | 3.300       | 3.300       | 3.600       | 3.700       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
|                                |             |             |             |             |             |             |             |             |             |             |             |             |
| <b>Indicator value</b>         | <b>14.4</b> | <b>13.2</b> | <b>13.6</b> | <b>14.0</b> | <b>14.0</b> | <b>12.8</b> | <b>12.8</b> | <b>13.6</b> | <b>13.2</b> | <b>13.2</b> | <b>14.4</b> | <b>14.8</b> |
| Reactor Coolant System Leakage | 7/11        | 8/11        | 9/11        | 10/11       | 11/11       | 12/11       | 1/12        | 2/12        | 3/12        | 4/12        | 5/12        | 6/12        |
| Maximum leakage                | 3.500       | 3.500       | 3.400       | 3.500       | 3.500       | 3.300       | 3.300       | 3.200       | 3.800       | 3.700       | 3.300       | 3.500       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
|                                |             |             |             |             |             |             |             |             |             |             |             |             |
| <b>Indicator value</b>         | <b>14.0</b> | <b>14.0</b> | <b>13.6</b> | <b>14.0</b> | <b>14.0</b> | <b>13.2</b> | <b>13.2</b> | <b>12.8</b> | <b>15.2</b> | <b>14.8</b> | <b>13.2</b> | <b>14.0</b> |

Licensee Comments: none

## Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

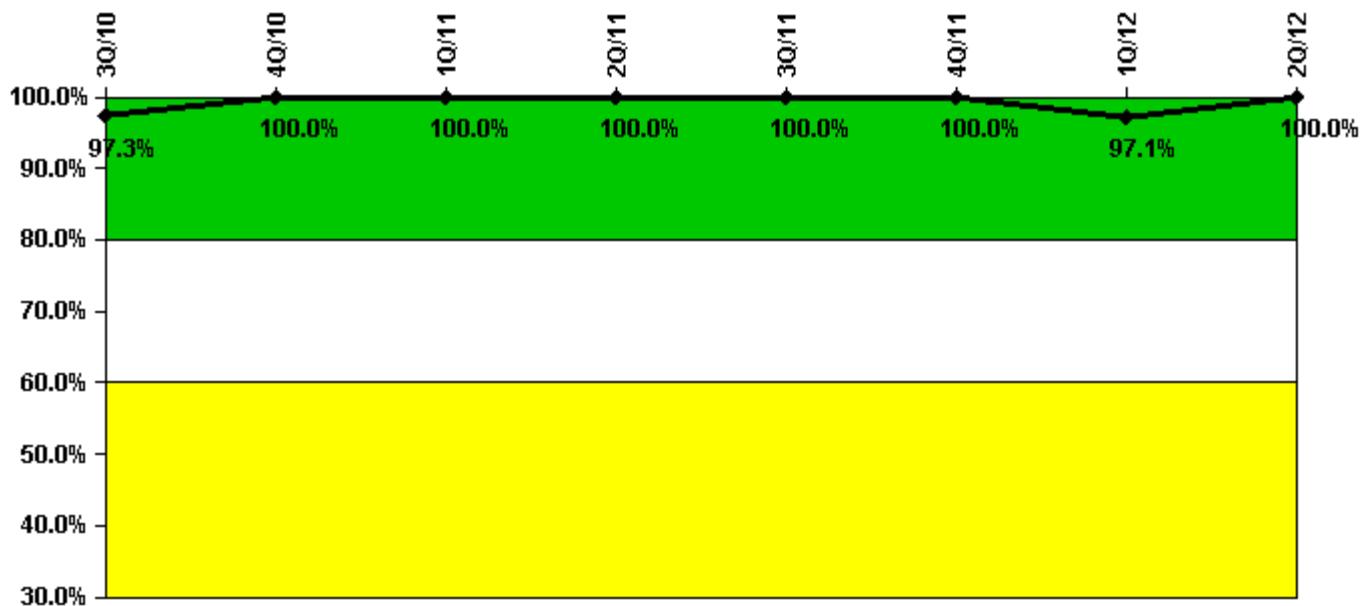
### Notes

| Drill/Exercise Performance | 3Q/10        | 4Q/10        | 1Q/11        | 2Q/11        | 3Q/11        | 4Q/11        | 1Q/12        | 2Q/12        |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful opportunities   | 16.0         | 36.0         | 0            | 40.0         | 39.0         | 64.0         | 24.0         | 64.0         |
| Total opportunities        | 16.0         | 37.0         | 0            | 40.0         | 39.0         | 64.0         | 24.0         | 64.0         |
|                            |              |              |              |              |              |              |              |              |
| <b>Indicator value</b>     | <b>99.0%</b> | <b>98.6%</b> | <b>98.5%</b> | <b>98.5%</b> | <b>98.4%</b> | <b>99.3%</b> | <b>99.3%</b> | <b>99.6%</b> |

Licensee Comments: none

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## ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

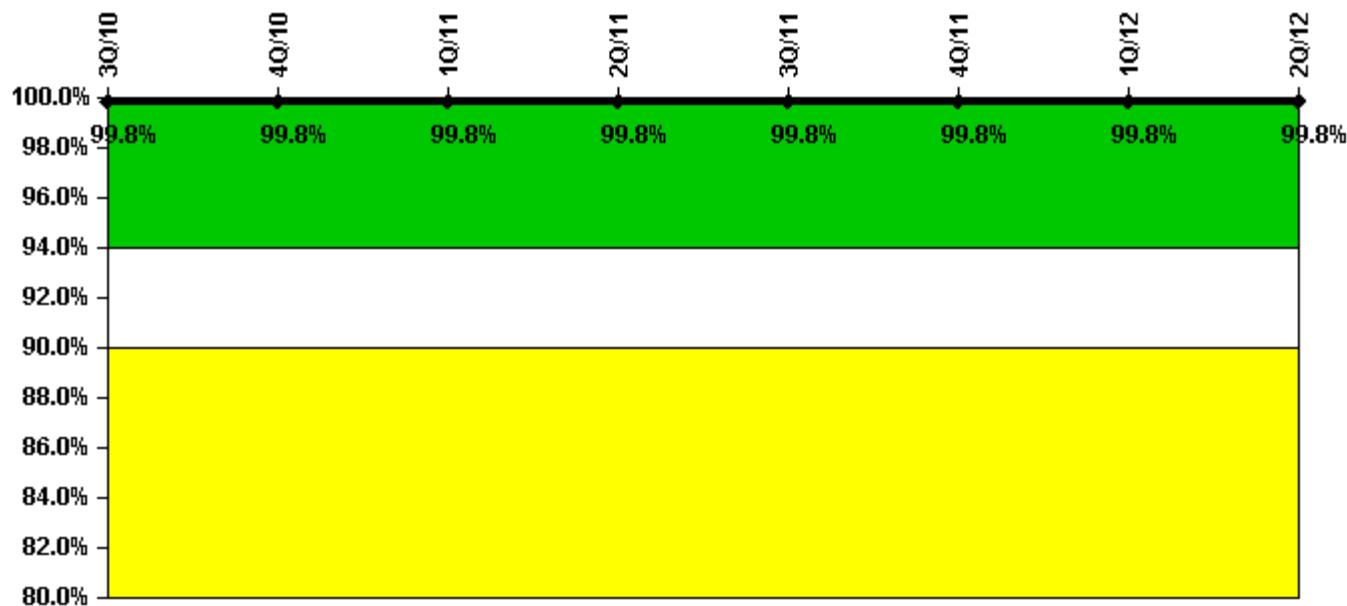
### Notes

| ERO Drill Participation     | 3Q/10        | 4Q/10         | 1Q/11         | 2Q/11         | 3Q/11         | 4Q/11         | 1Q/12        | 2Q/12         |
|-----------------------------|--------------|---------------|---------------|---------------|---------------|---------------|--------------|---------------|
| Participating Key personnel | 72.0         | 70.0          | 65.0          | 63.0          | 68.0          | 70.0          | 68.0         | 68.0          |
| Total Key personnel         | 74.0         | 70.0          | 65.0          | 63.0          | 68.0          | 70.0          | 70.0         | 68.0          |
|                             |              |               |               |               |               |               |              |               |
| <b>Indicator value</b>      | <b>97.3%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>97.1%</b> | <b>100.0%</b> |

Licensee Comments: none

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## Alert & Notification System



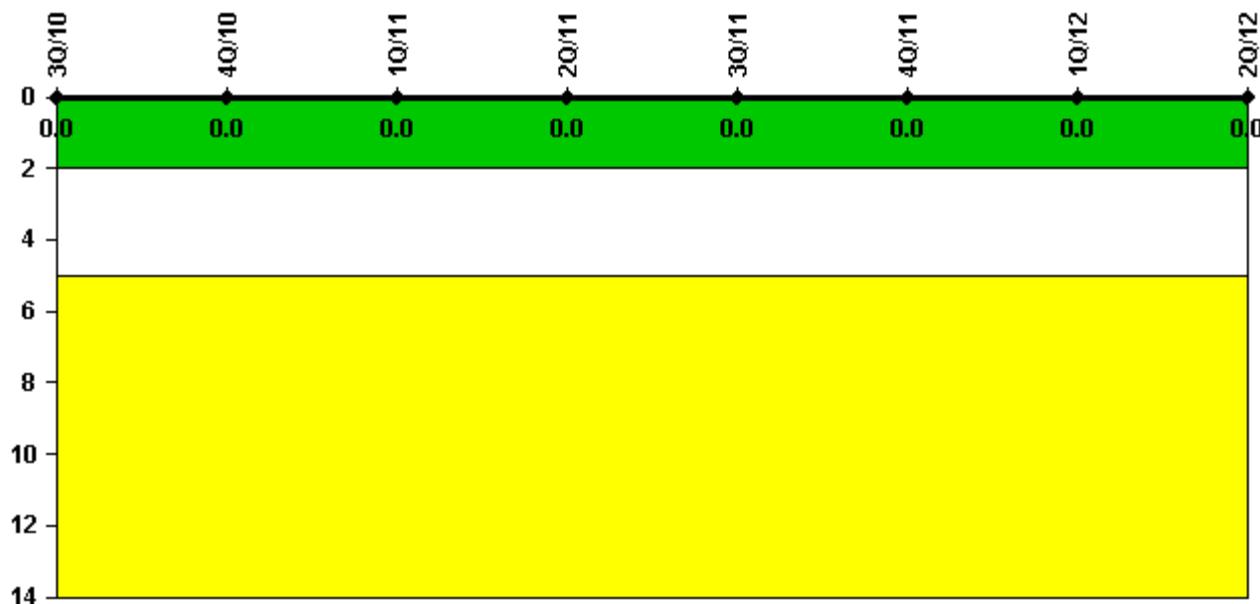
Thresholds: White < 94.0% Yellow < 90.0%

### Notes

| Alert & Notification System | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests      | 2205  | 2210  | 2173  | 2170  | 2170  | 2171  | 2207  | 2172  |
| Total sirens-tests          | 2210  | 2210  | 2176  | 2176  | 2176  | 2176  | 2210  | 2176  |
| Indicator value             | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% |

Licensee Comments: none

## Occupational Exposure Control Effectiveness



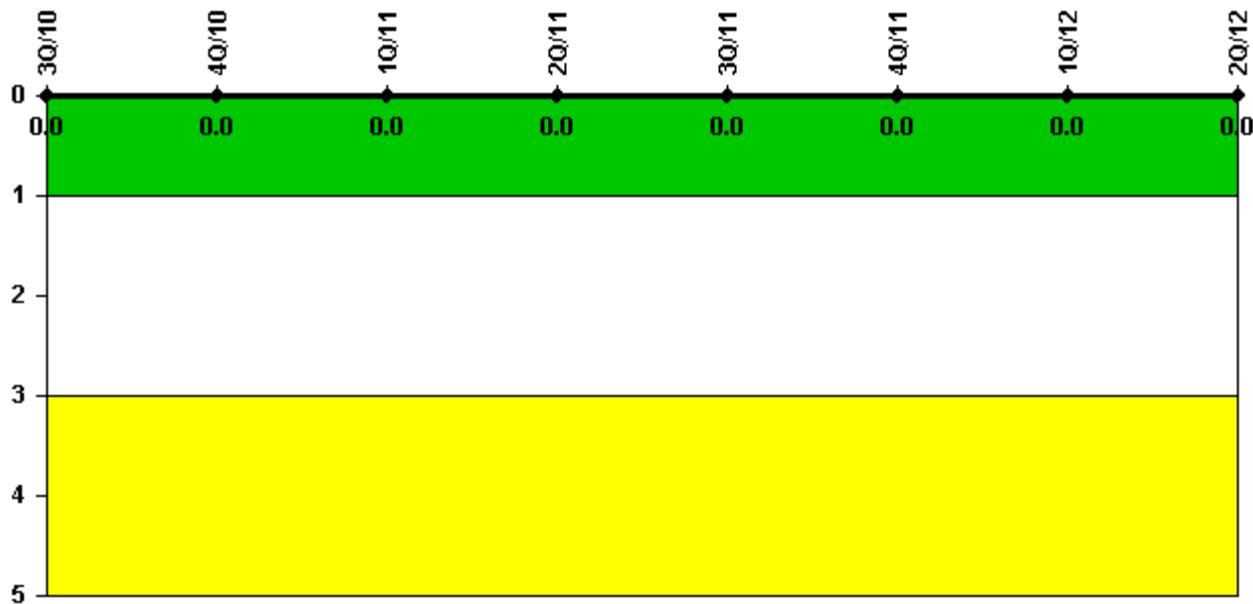
Thresholds: White > 2.0 Yellow > 5.0

### Notes

| Occupational Exposure Control Effectiveness | 3Q/10    | 4Q/10    | 1Q/11    | 2Q/11    | 3Q/11    | 4Q/11    | 1Q/12    | 2Q/12    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>0</b> |

Licensee Comments: none

## RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

### Notes

| RETS/ODCM Radiological Effluent | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

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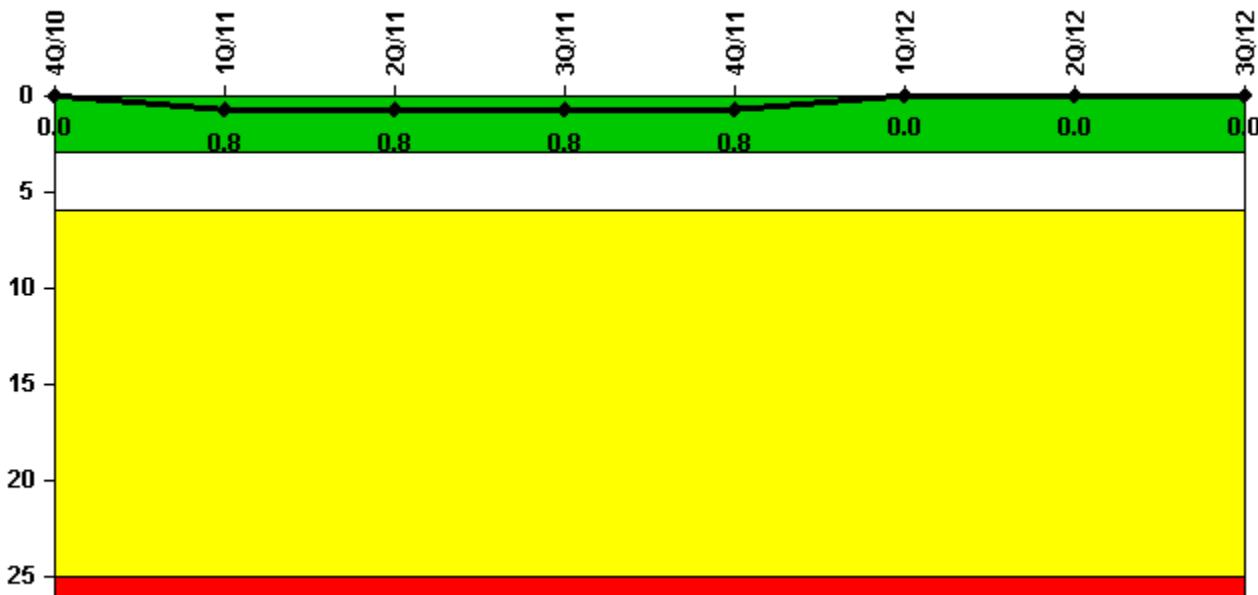
[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

# La Salle 1

## 3Q/2012 Performance Indicators

Licensee's General Comments: none

### **Unplanned Scrams per 7000 Critical Hrs**



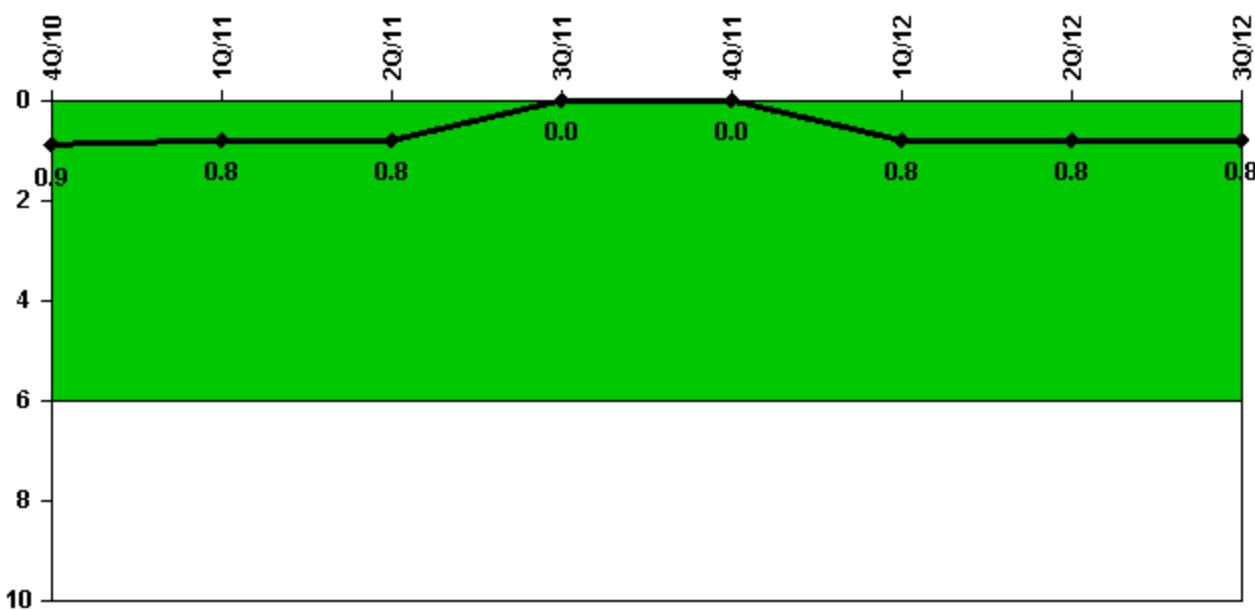
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

| Unplanned Scrams per 7000 Critical Hrs | 4Q/10    | 1Q/11      | 2Q/11      | 3Q/11      | 4Q/11      | 1Q/12    | 2Q/12    | 3Q/12    |
|--|----------|------------|------------|------------|------------|----------|----------|----------|
| Unplanned scrams                       | 0        | 1.0        | 0          | 0          | 0          | 0        | 0        | 0        |
| Critical hours                         | 2209.0   | 1968.1     | 2184.0     | 2208.0     | 2209.0     | 1634.4   | 2184.0   | 2208.0   |
| <b>Indicator value</b>                 | <b>0</b> | <b>0.8</b> | <b>0.8</b> | <b>0.8</b> | <b>0.8</b> | <b>0</b> | <b>0</b> | <b>0</b> |

Licensee Comments: none

### Unplanned Power Changes per 7000 Critical Hrs



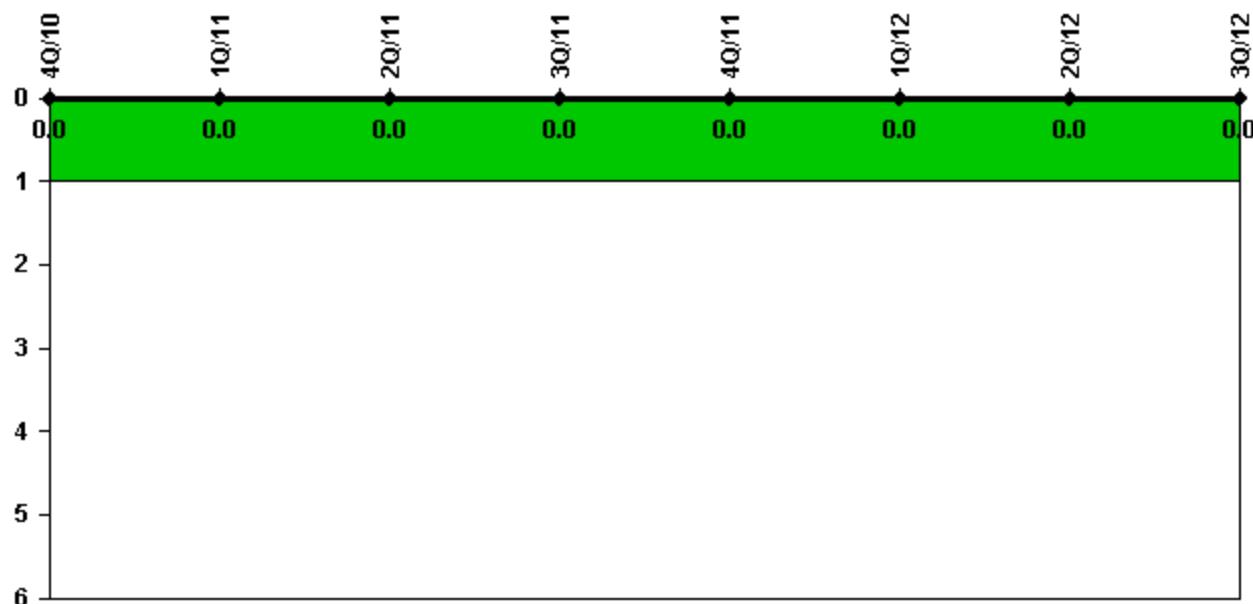
Thresholds: White > 6.0

#### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 4Q/10      | 1Q/11      | 2Q/11      | 3Q/11    | 4Q/11    | 1Q/12      | 2Q/12      | 3Q/12      |
|---|------------|------------|------------|----------|----------|------------|------------|------------|
| Unplanned power changes                       | 0          | 0          | 0          | 0        | 0        | 1.0        | 0          | 0          |
| Critical hours                                | 2209.0     | 1968.1     | 2184.0     | 2208.0   | 2209.0   | 1634.4     | 2184.0     | 2208.0     |
| <b>Indicator value</b>                        | <b>0.9</b> | <b>0.8</b> | <b>0.8</b> | <b>0</b> | <b>0</b> | <b>0.8</b> | <b>0.8</b> | <b>0.8</b> |

Licensee Comments: none

### **Unplanned Scrams with Complications**



Thresholds: White > 1.0

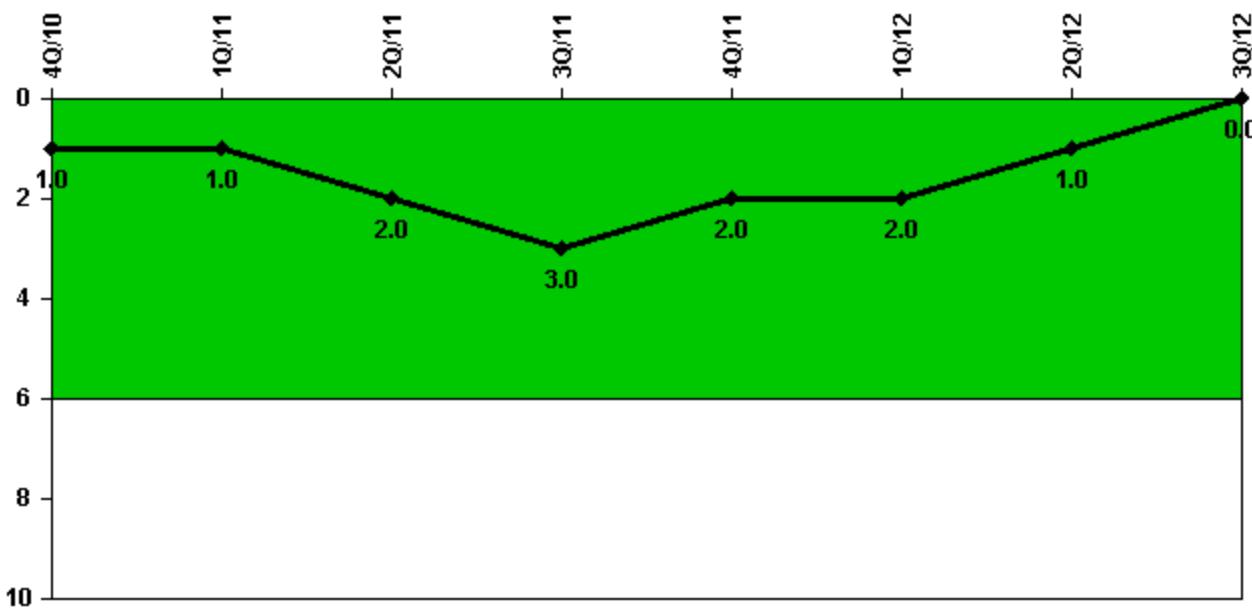
#### **Notes**

| <b>Unplanned Scrams with Complications</b> | <b>4Q/10</b> | <b>1Q/11</b> | <b>2Q/11</b> | <b>3Q/11</b> | <b>4Q/11</b> | <b>1Q/12</b> | <b>2Q/12</b> | <b>3Q/12</b> |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Scrams with complications                  | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
|  |              |              |              |              |              |              |              |              |
|  |              |              |              |              |              |              |              |              |
| <b>Indicator value</b>                     | <b>0.0</b>   |

Licensee Comments: none

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### **Safety System Functional Failures (BWR)**



Thresholds: White > 6.0

#### **Notes**

| <b>Safety System Functional Failures (BWR)</b> | <b>4Q/10</b> | <b>1Q/11</b> | <b>2Q/11</b> | <b>3Q/11</b> | <b>4Q/11</b> | <b>1Q/12</b> | <b>2Q/12</b> | <b>3Q/12</b> |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Safety System Functional Failures              | 1            | 0            | 1            | 1            | 0            | 0            | 0            | 0            |
| <b>Indicator value</b>                         | <b>1</b>     | <b>1</b>     | <b>2</b>     | <b>3</b>     | <b>2</b>     | <b>2</b>     | <b>1</b>     | <b>0</b>     |

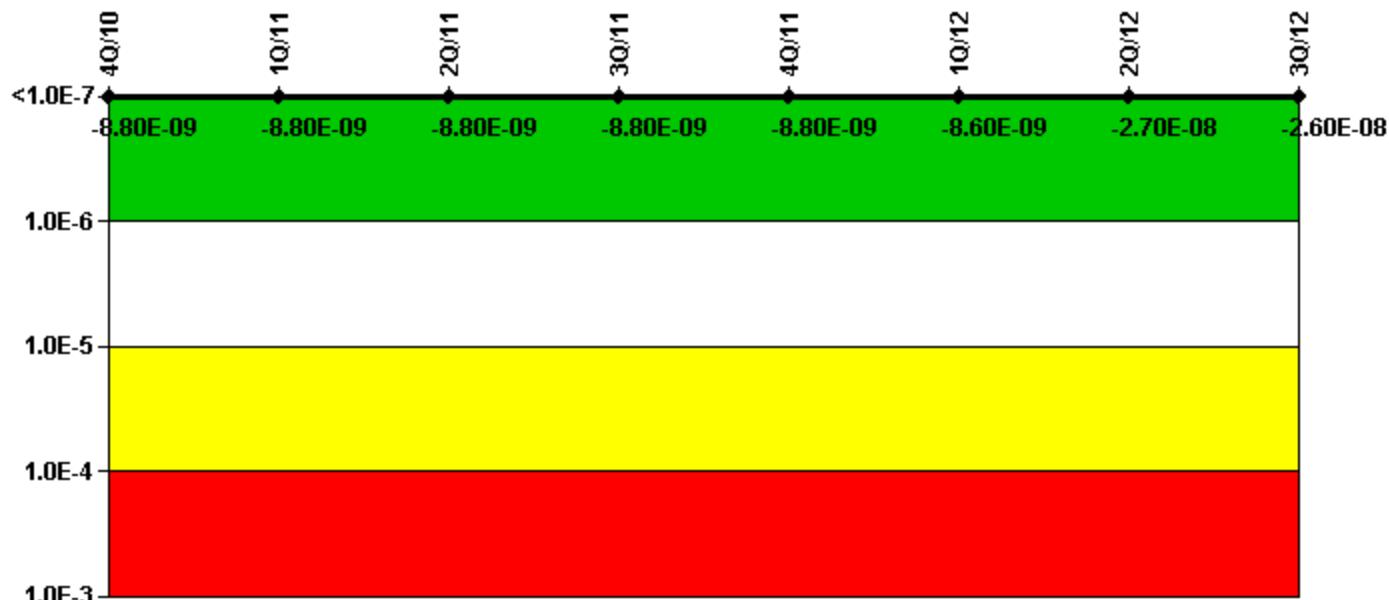
Licensee Comments:

3Q/11: LER 373-11004

2Q/11: LER 373-11003

4Q/10: LER 373-10003

## Mitigating Systems Performance Index, Emergency AC Power System



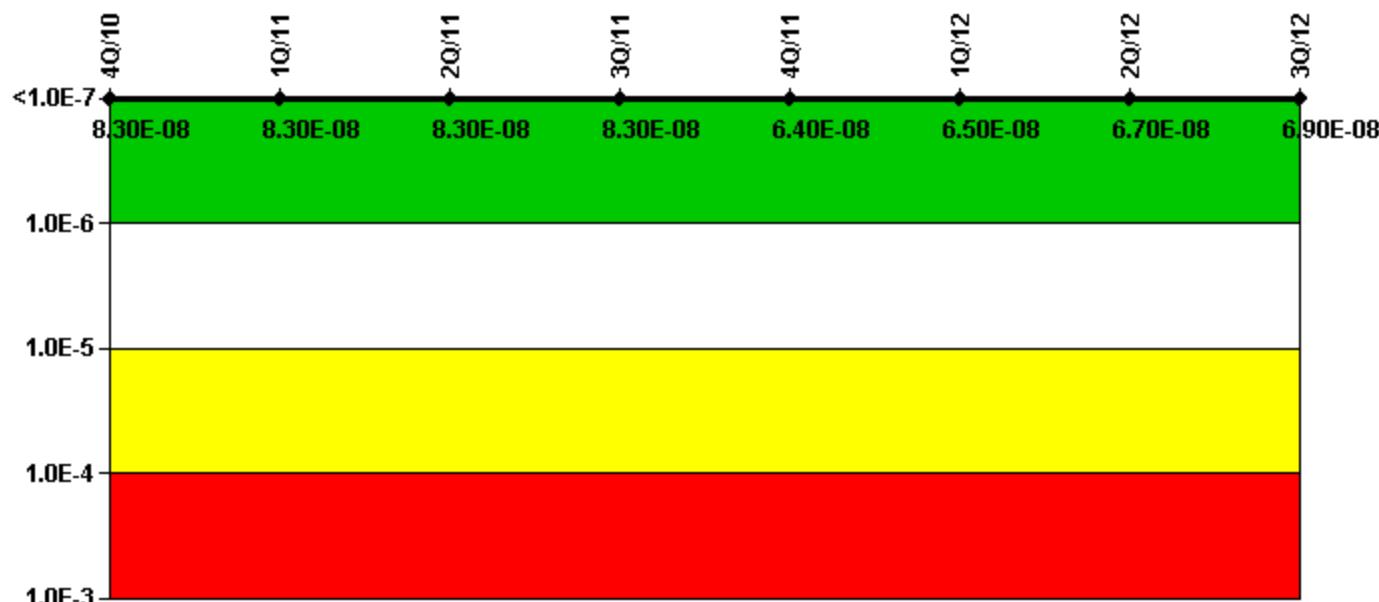
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 4Q/10            | 1Q/11            | 2Q/11            | 3Q/11            | 4Q/11            | 1Q/12            | 2Q/12            | 3Q/12            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)   | -3.99E-09        | -3.99E-09        | -3.99E-09        | -3.99E-09        | -3.99E-09        | -3.99E-09        | -4.09E-09        | -4.09E-09        |
| URI ( $\Delta$ CDF)   | -4.81E-09        | -4.81E-09        | -4.81E-09        | -4.81E-09        | -4.81E-09        | -4.61E-09        | -2.24E-08        | -2.22E-08        |
| PLE   | NO               |
| Indicator value   | <b>-8.80E-09</b> | <b>-8.80E-09</b> | <b>-8.80E-09</b> | <b>-8.80E-09</b> | <b>-8.80E-09</b> | <b>-8.60E-09</b> | <b>-2.70E-08</b> | <b>-2.60E-08</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, High Pressure Injection System



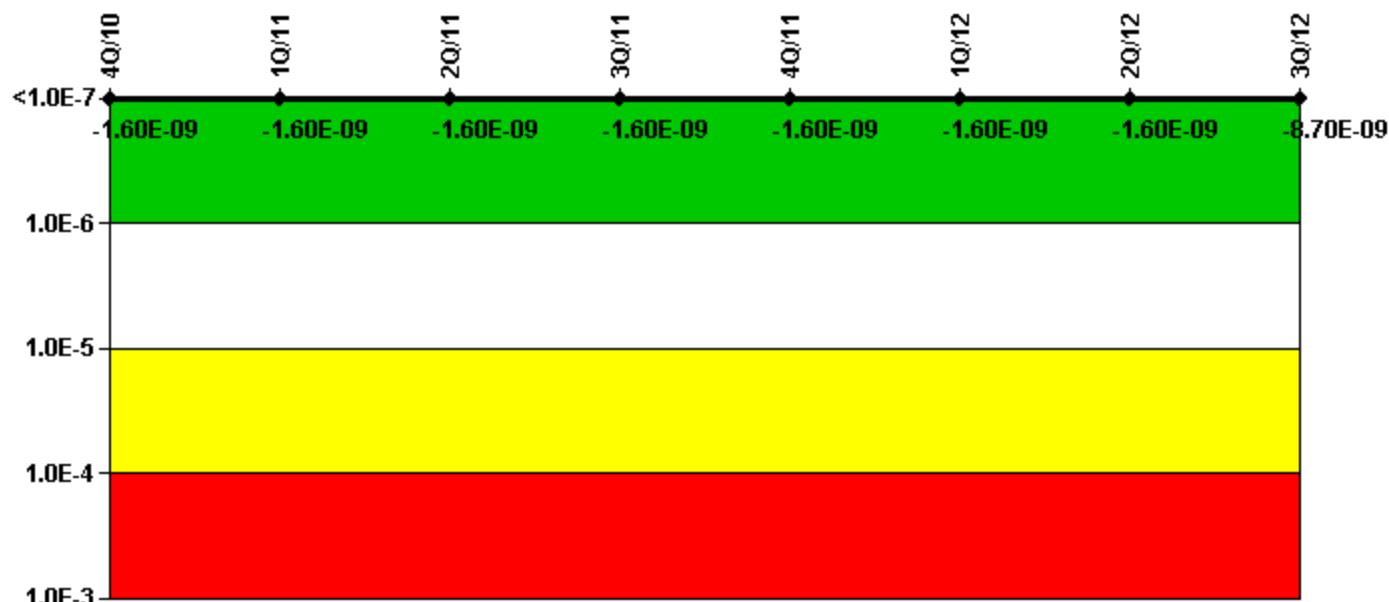
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 4Q/10           | 1Q/11           | 2Q/11           | 3Q/11           | 4Q/11           | 1Q/12           | 2Q/12           | 3Q/12           |
|--|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| UAI ( $\Delta$ CDF)  | 2.01E-09        | 1.95E-09        | 1.95E-09        | 1.94E-09        | 1.39E-09        | 1.80E-09        | 2.36E-09        | 3.16E-09        |
| URI ( $\Delta$ CDF)  | 8.12E-08        | 8.12E-08        | 8.12E-08        | 8.12E-08        | 6.24E-08        | 6.34E-08        | 6.44E-08        | 6.54E-08        |
| PLE  | NO              |
| Indicator value  | <b>8.30E-08</b> | <b>8.30E-08</b> | <b>8.30E-08</b> | <b>8.30E-08</b> | <b>6.40E-08</b> | <b>6.50E-08</b> | <b>6.70E-08</b> | <b>6.90E-08</b> |

Licensee Comments: none

### Mitigating Systems Performance Index, Heat Removal System



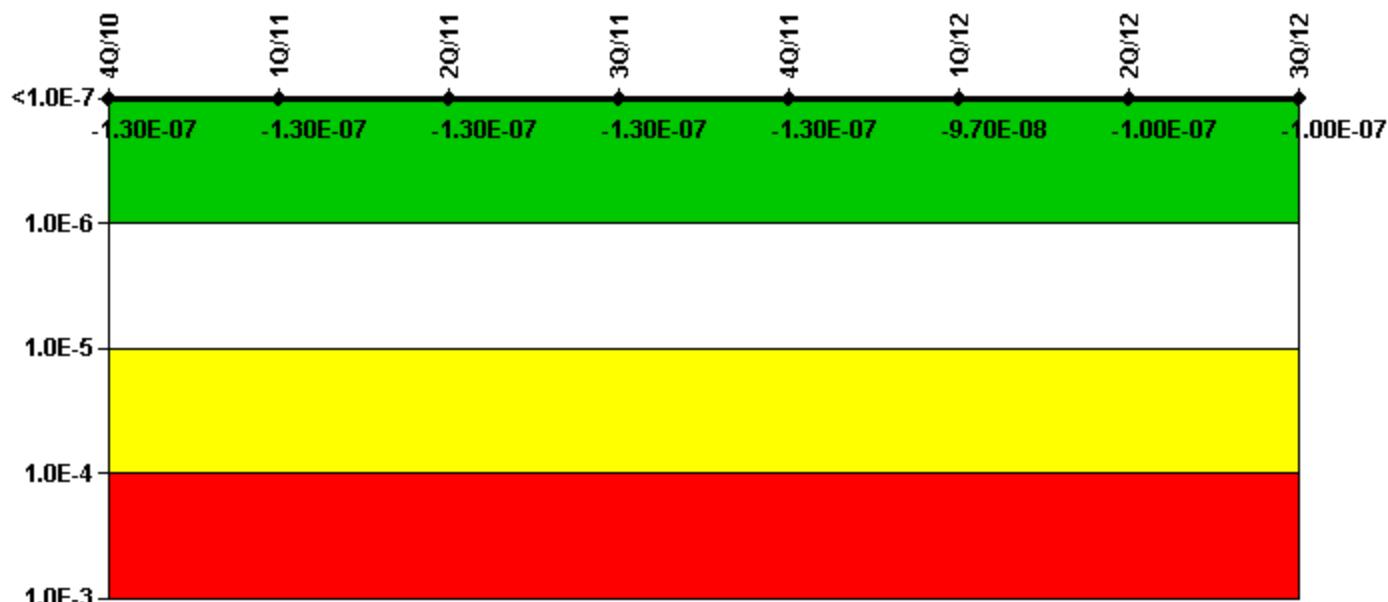
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

#### Notes

| Mitigating Systems Performance Index, Heat Removal System | 4Q/10            | 1Q/11            | 2Q/11            | 3Q/11            | 4Q/11            | 1Q/12            | 2Q/12            | 3Q/12            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)                                       | -1.40E-09        | -1.42E-09        | -1.42E-09        | -1.42E-09        | -1.42E-09        | -1.39E-09        | -1.39E-09        | -1.89E-09        |
| URI ( $\Delta$ CDF)                                       | -2.03E-10        | -6.79E-09        |
| PLE   | NO               |
| Indicator value   | <b>-1.60E-09</b> | <b>-8.70E-09</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, Residual Heat Removal System



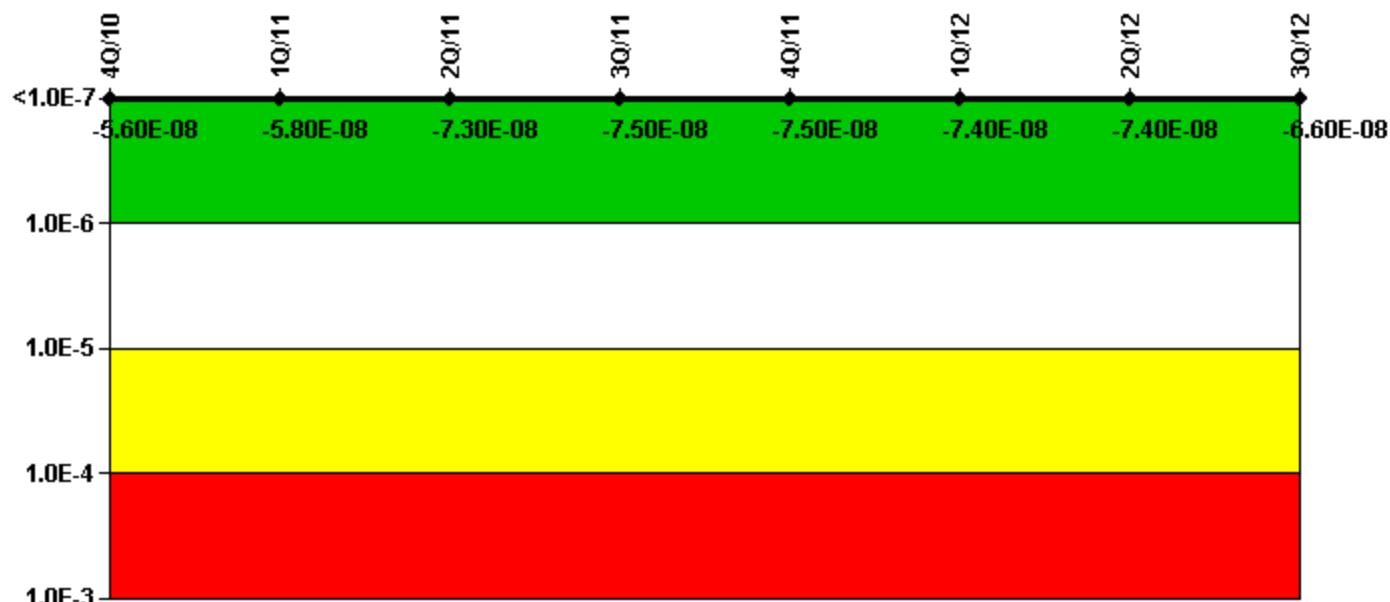
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 4Q/10            | 1Q/11            | 2Q/11            | 3Q/11            | 4Q/11            | 1Q/12            | 2Q/12            | 3Q/12            |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)  | -4.90E-08        | -4.90E-08        | -4.90E-08        | -4.90E-08        | -4.90E-08        | -1.30E-08        | -1.79E-08        | -1.81E-08        |
| URI ( $\Delta$ CDF)  | -8.44E-08        |
| PLE  | NO               |
| Indicator value  | <b>-1.30E-07</b> | <b>-1.30E-07</b> | <b>-1.30E-07</b> | <b>-1.30E-07</b> | <b>-1.30E-07</b> | <b>-9.70E-08</b> | <b>-1.00E-07</b> | <b>-1.00E-07</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, Cooling Water Systems



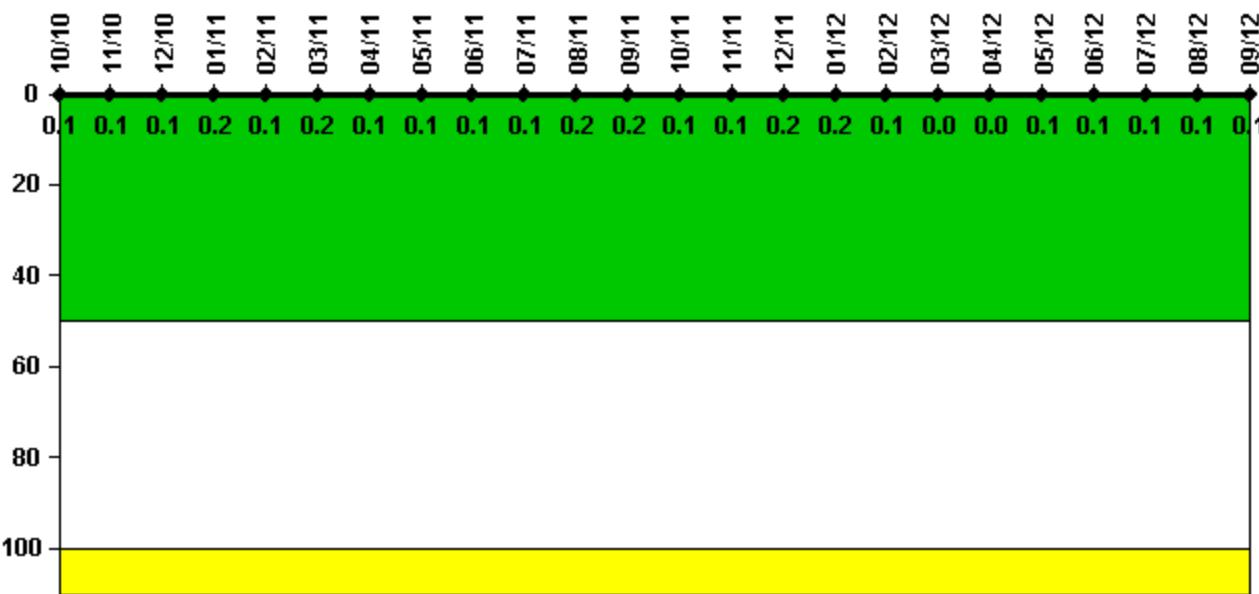
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 4Q/10            | 1Q/11            | 2Q/11            | 3Q/11            | 4Q/11            | 1Q/12            | 2Q/12            | 3Q/12            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)   | 4.83E-08         | 4.66E-08         | 3.10E-08         | 3.00E-08         | 3.00E-08         | 3.10E-08         | 3.10E-08         | 3.84E-08         |
| URI ( $\Delta$ CDF)   | -1.04E-07        | -1.04E-07        | -1.04E-07        | -1.05E-07        | -1.05E-07        | -1.05E-07        | -1.05E-07        | -1.05E-07        |
| PLE   | NO               |
| <b>Indicator value</b>                                      | <b>-5.60E-08</b> | <b>-5.80E-08</b> | <b>-7.30E-08</b> | <b>-7.50E-08</b> | <b>-7.50E-08</b> | <b>-7.40E-08</b> | <b>-7.40E-08</b> | <b>-6.60E-08</b> |

Licensee Comments: none

## Reactor Coolant System Activity



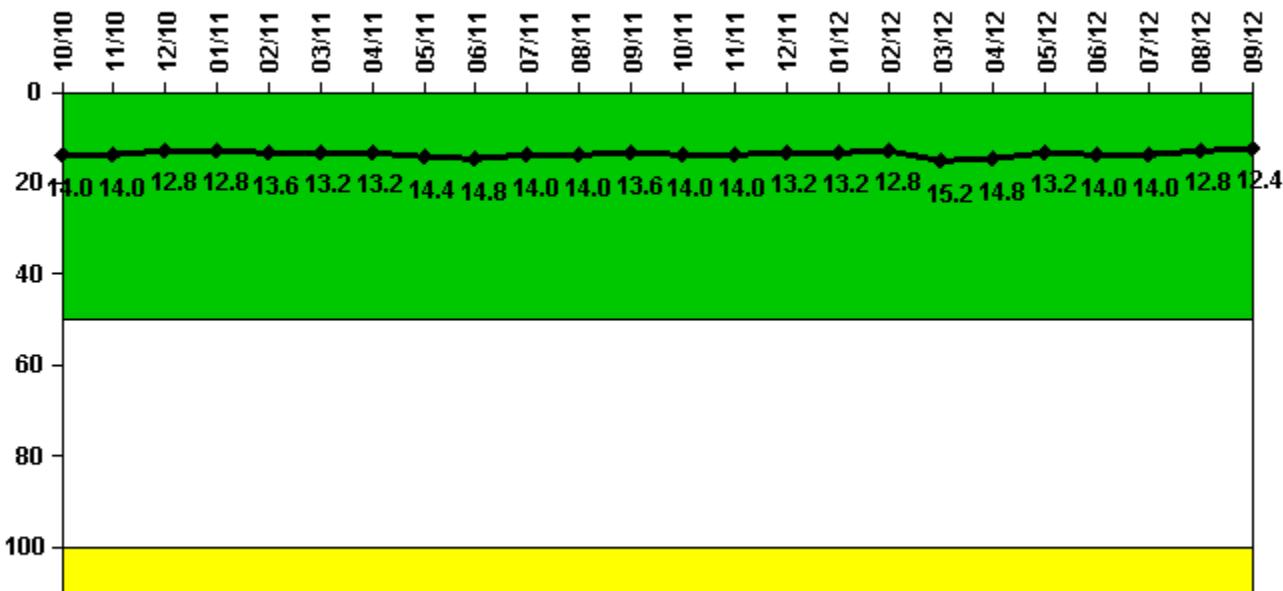
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Activity | 10/10    | 11/10    | 12/10    | 1/11     | 2/11     | 3/11     | 4/11     | 5/11     | 6/11     | 7/11     | 8/11     | 9/11     |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity                | 0.000280 | 0.000298 | 0.000296 | 0.000322 | 0.000247 | 0.000311 | 0.000268 | 0.000249 | 0.000299 | 0.000292 | 0.000341 | 0.000458 |
| Indicator value                 | 0.1      | 0.1      | 0.1      | 0.2      | 0.1      | 0.2      | 0.1      | 0.1      | 0.1      | 0.1      | 0.2      | 0.2      |
| Reactor Coolant System Activity | 10/11    | 11/11    | 12/11    | 1/12     | 2/12     | 3/12     | 4/12     | 5/12     | 6/12     | 7/12     | 8/12     | 9/12     |
| Maximum activity                | 0.000292 | 0.000249 | 0.000323 | 0.000306 | 0.000292 | 0.000081 | 0.000089 | 0.000136 | 0.000106 | 0.000110 | 0.000101 | 0.000118 |
| Indicator value                 | 0.1      | 0.1      | 0.2      | 0.2      | 0.1      | 0        | 0        | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      |

Licensee Comments: none

## Reactor Coolant System Leakage



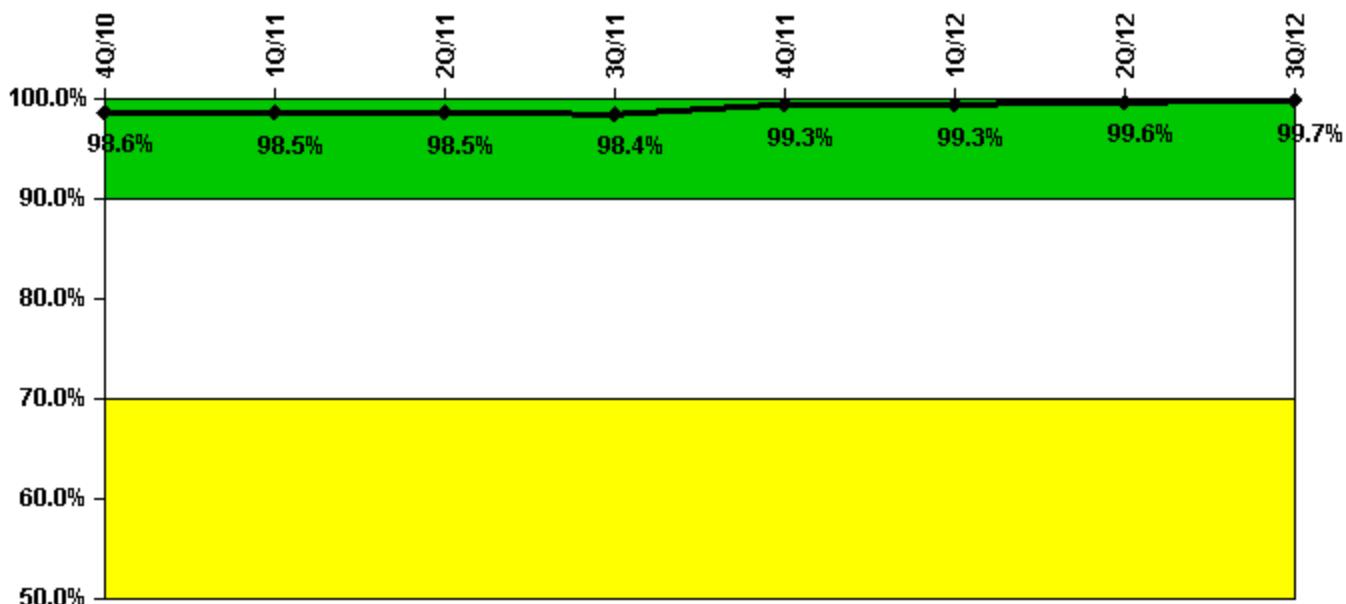
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| <b>Reactor Coolant System Leakage</b> | <b>10/10</b> | <b>11/10</b> | <b>12/10</b> | <b>1/11</b> | <b>2/11</b> | <b>3/11</b> | <b>4/11</b> | <b>5/11</b> | <b>6/11</b> | <b>7/11</b> | <b>8/11</b> | <b>9/11</b> |
|---------------------------------------|--------------|--------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Maximum leakage                       | 3.500        | 3.500        | 3.200        | 3.200       | 3.400       | 3.300       | 3.300       | 3.600       | 3.700       | 3.500       | 3.500       | 3.400       |
| Technical specification limit         | 25.0         | 25.0         | 25.0         | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| <b>Indicator value</b>                | <b>14.0</b>  | <b>14.0</b>  | <b>12.8</b>  | <b>12.8</b> | <b>13.6</b> | <b>13.2</b> | <b>13.2</b> | <b>14.4</b> | <b>14.8</b> | <b>14.8</b> | <b>14.0</b> | <b>14.0</b> |
| <b>Reactor Coolant System Leakage</b> | <b>10/11</b> | <b>11/11</b> | <b>12/11</b> | <b>1/12</b> | <b>2/12</b> | <b>3/12</b> | <b>4/12</b> | <b>5/12</b> | <b>6/12</b> | <b>7/12</b> | <b>8/12</b> | <b>9/12</b> |
| Maximum leakage                       | 3.500        | 3.500        | 3.300        | 3.300       | 3.200       | 3.800       | 3.700       | 3.300       | 3.500       | 3.500       | 3.200       | 3.100       |
| Technical specification limit         | 25.0         | 25.0         | 25.0         | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| <b>Indicator value</b>                | <b>14.0</b>  | <b>14.0</b>  | <b>13.2</b>  | <b>13.2</b> | <b>12.8</b> | <b>15.2</b> | <b>14.8</b> | <b>13.2</b> | <b>14.0</b> | <b>14.0</b> | <b>12.8</b> | <b>12.4</b> |

Licensee Comments: none

### **Drill/Exercise Performance**



Thresholds: White < 90.0% Yellow < 70.0%

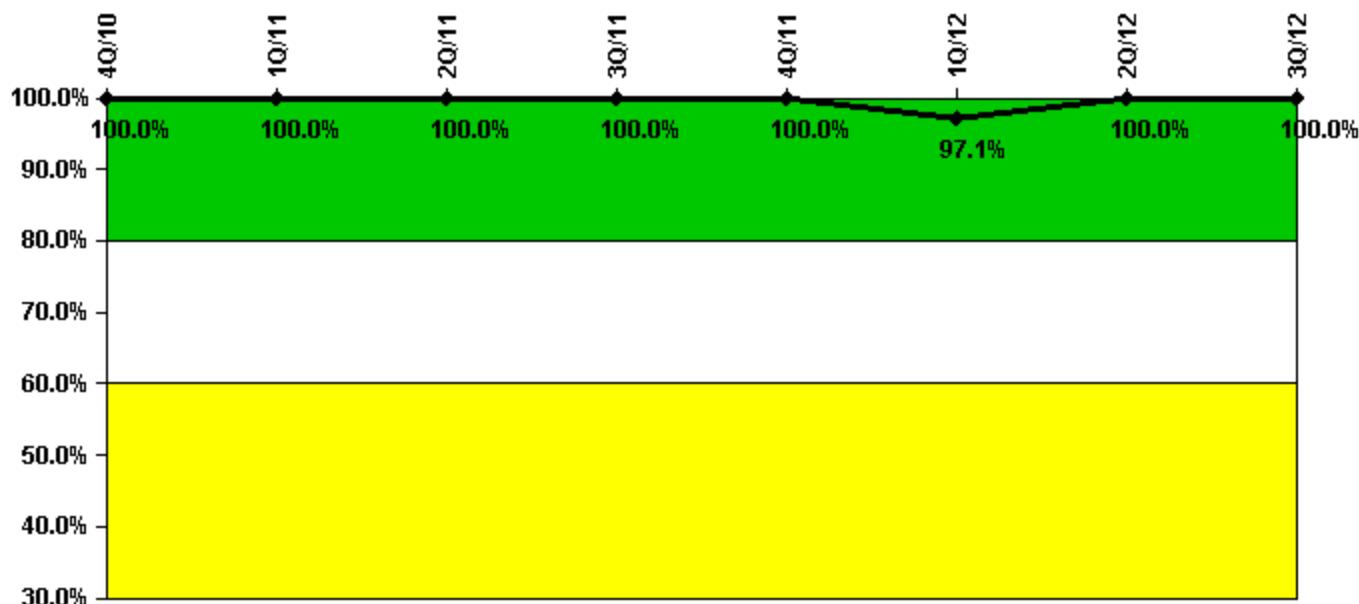
#### **Notes**

| Drill/Exercise Performance | 4Q/10        | 1Q/11        | 2Q/11        | 3Q/11        | 4Q/11        | 1Q/12        | 2Q/12        | 3Q/12        |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful opportunities   | 36.0         | 0            | 40.0         | 39.0         | 64.0         | 24.0         | 64.0         | 23.0         |
| Total opportunities        | 37.0         | 0            | 40.0         | 39.0         | 64.0         | 24.0         | 64.0         | 23.0         |
| <b>Indicator value</b>     | <b>98.6%</b> | <b>98.5%</b> | <b>98.5%</b> | <b>98.4%</b> | <b>99.3%</b> | <b>99.3%</b> | <b>99.6%</b> | <b>99.7%</b> |

Licensee Comments: none

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### **ERO Drill Participation**



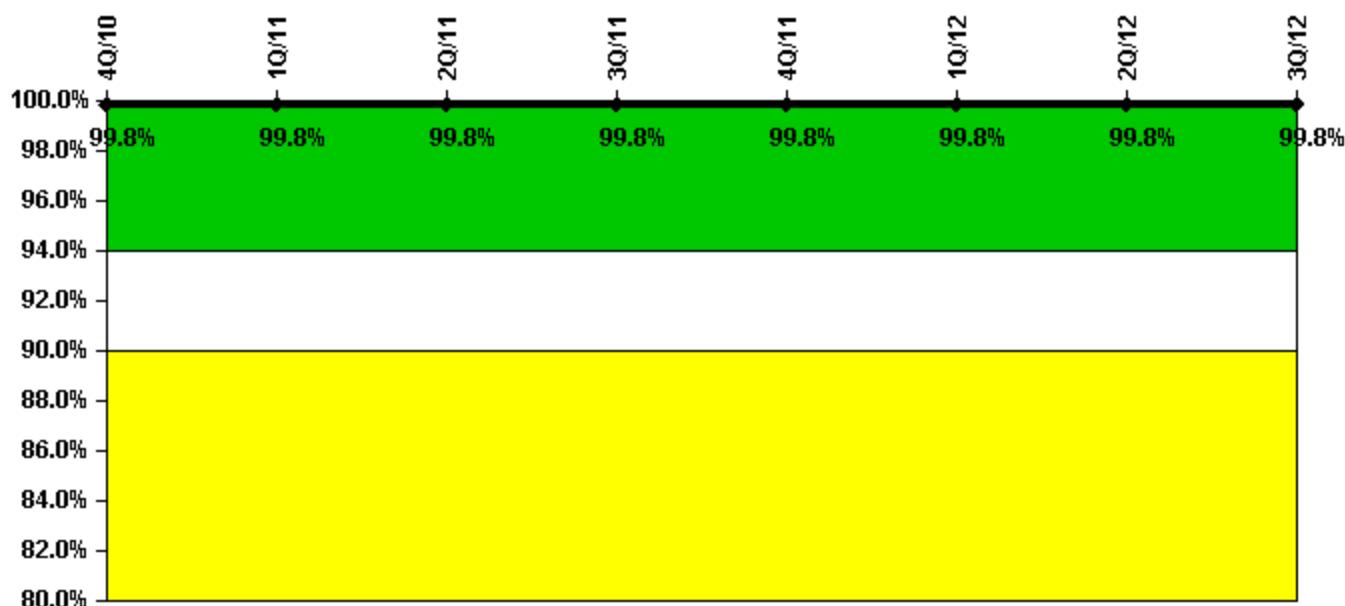
Thresholds: White < 80.0% Yellow < 60.0%

#### **Notes**

| <b>ERO Drill Participation</b> | <b>4Q/10</b>  | <b>1Q/11</b>  | <b>2Q/11</b>  | <b>3Q/11</b>  | <b>4Q/11</b>  | <b>1Q/12</b> | <b>2Q/12</b>  | <b>3Q/12</b>  |
|--------------------------------|---------------|---------------|---------------|---------------|---------------|--------------|---------------|---------------|
| Participating Key personnel    | 70.0          | 65.0          | 63.0          | 68.0          | 70.0          | 68.0         | 68.0          | 69.0          |
| Total Key personnel            | 70.0          | 65.0          | 63.0          | 68.0          | 70.0          | 70.0         | 68.0          | 69.0          |
| <b>Indicator value</b>         | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>97.1%</b> | <b>100.0%</b> | <b>100.0%</b> |

Licensee Comments: none

## Alert & Notification System



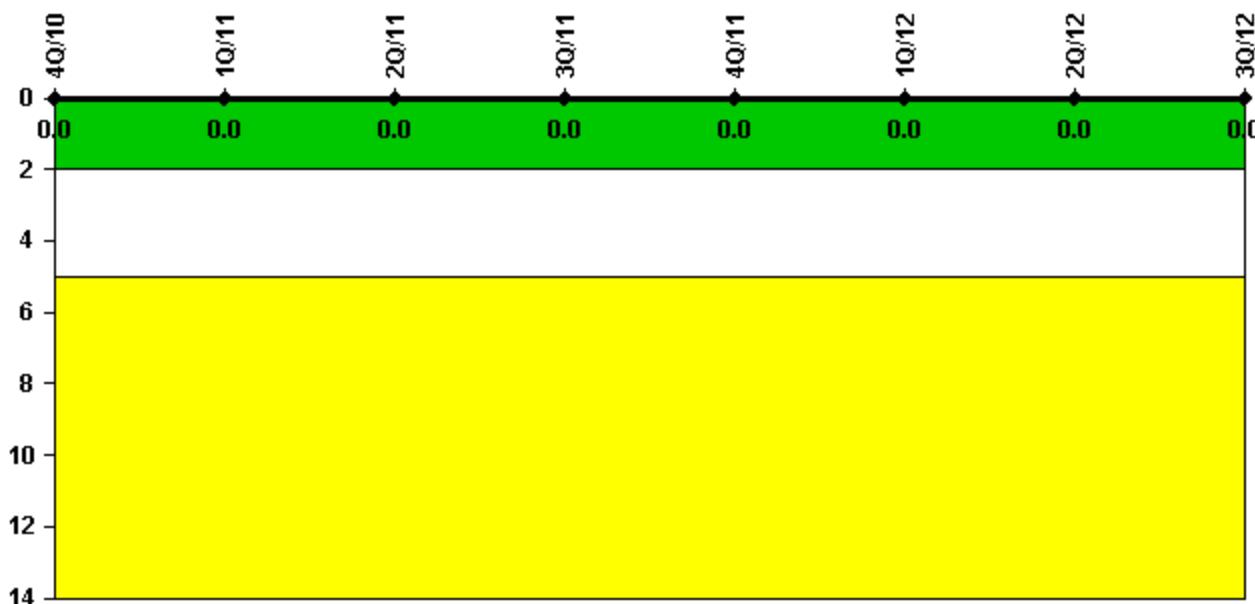
Thresholds: White < 94.0% Yellow < 90.0%

### Notes

| Alert & Notification System | 4Q/10        | 1Q/11        | 2Q/11        | 3Q/11        | 4Q/11        | 1Q/12        | 2Q/12        | 3Q/12        |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests      | 2210         | 2173         | 2170         | 2170         | 2171         | 2207         | 2172         | 2137         |
| Total sirens-tests          | 2210         | 2176         | 2176         | 2176         | 2176         | 2210         | 2176         | 2142         |
| <b>Indicator value</b>      | <b>99.8%</b> |

Licensee Comments: none

## **Occupational Exposure Control Effectiveness**



Thresholds: White > 2.0 Yellow > 5.0

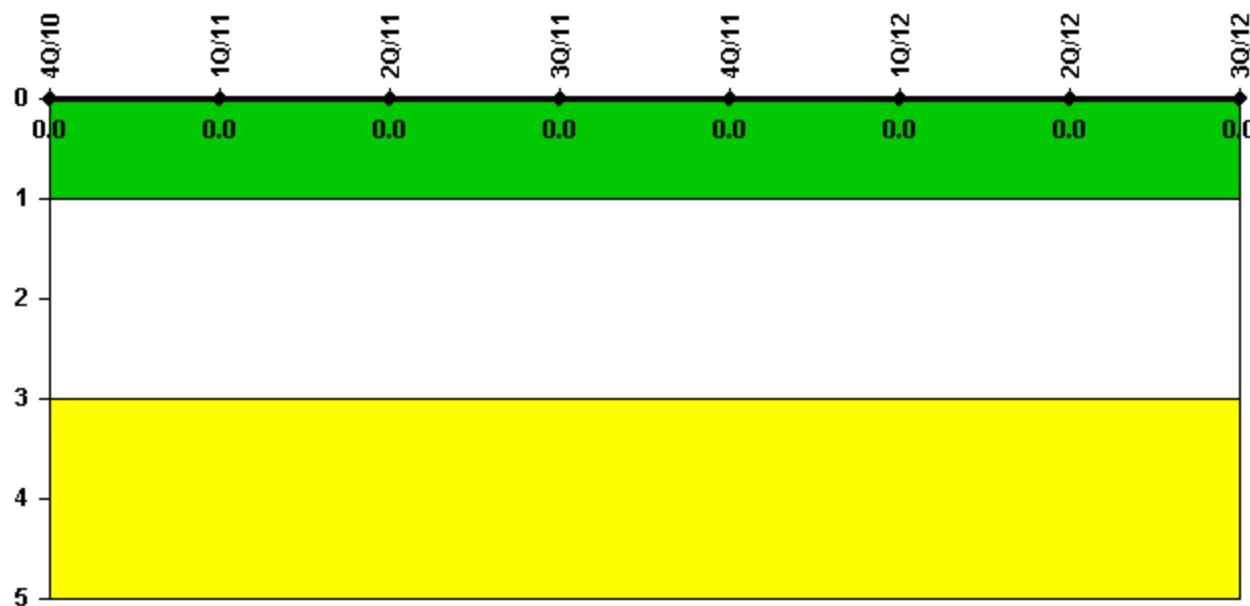
### **Notes**

| <b>Occupational Exposure Control Effectiveness</b> | <b>4Q/10</b> | <b>1Q/11</b> | <b>2Q/11</b> | <b>3Q/11</b> | <b>4Q/11</b> | <b>1Q/12</b> | <b>2Q/12</b> | <b>3Q/12</b> |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| High radiation area occurrences                    | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| Very high radiation area occurrences               | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| Unintended exposure occurrences                    | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| <b>Indicator value</b>                             | <b>0</b>     |

Licensee Comments: none

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### RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

#### Notes

| RETS/ODCM Radiological Effluent | 4Q/10    | 1Q/11    | 2Q/11    | 3Q/11    | 4Q/11    | 1Q/12    | 2Q/12    | 3Q/12    |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| RETS/ODCM occurrences           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Indicator value                 | <b>0</b> |

Licensee Comments: none

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Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

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[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

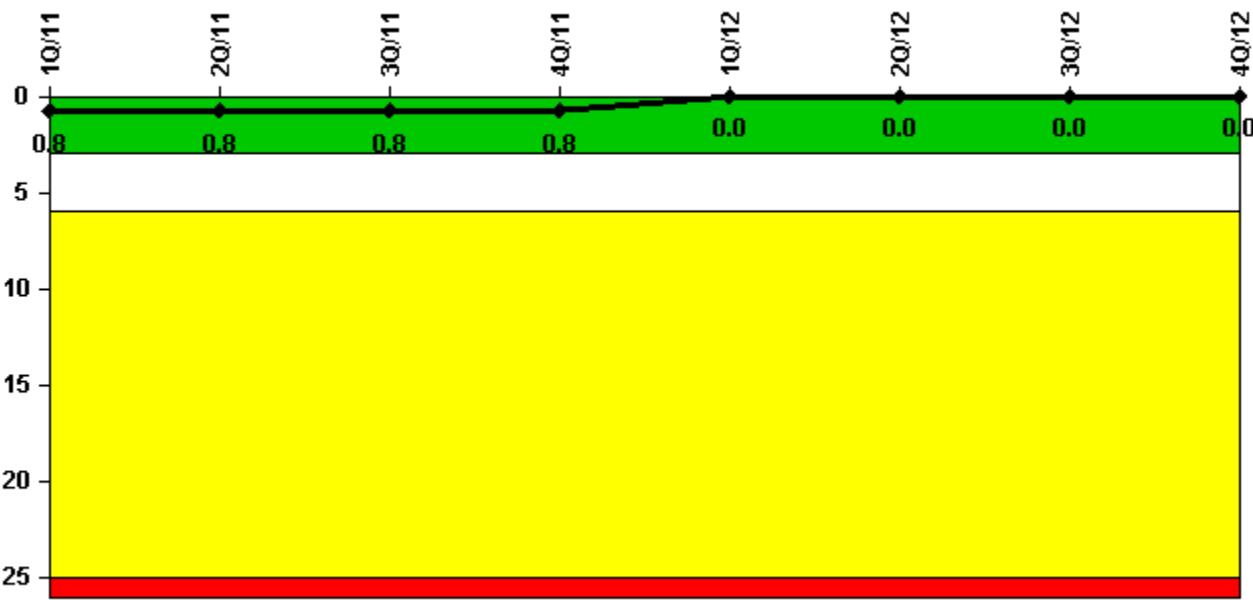
*Last Modified: October 24, 2012*

# La Salle 1

## 4Q/2012 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



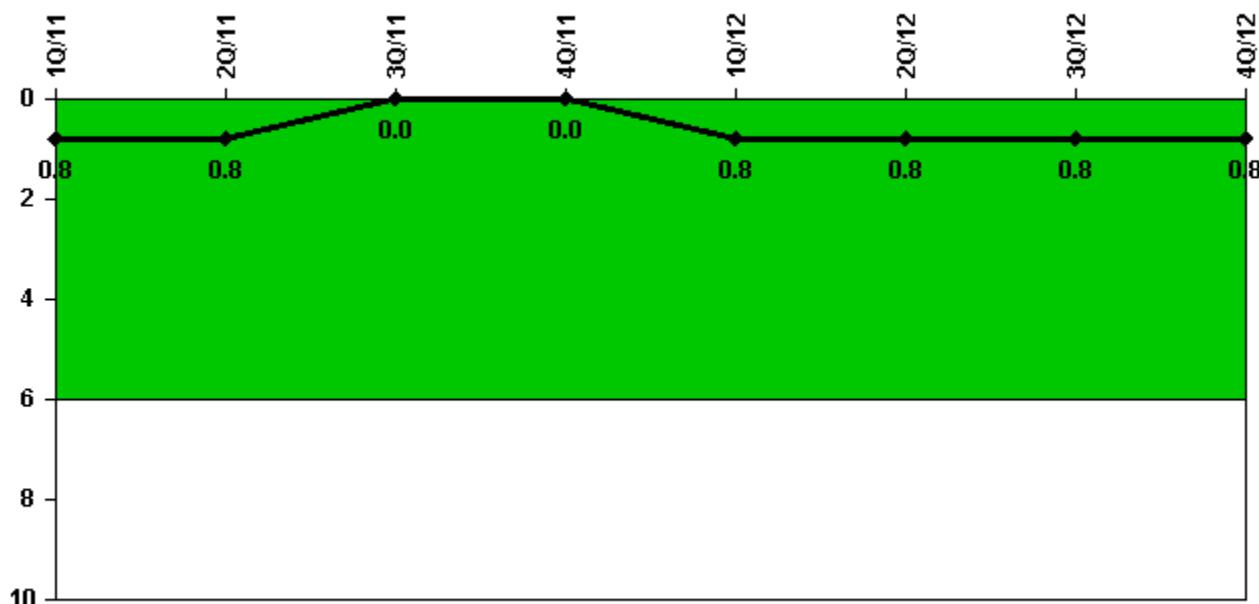
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

| Unplanned Scrams per 7000 Critical Hrs | 1Q/11      | 2Q/11      | 3Q/11      | 4Q/11      | 1Q/12    | 2Q/12    | 3Q/12    | 4Q/12    |
|--|------------|------------|------------|------------|----------|----------|----------|----------|
| Unplanned scrams                       | 1.0        | 0          | 0          | 0          | 0        | 0        | 0        | 0        |
| Critical hours                         | 1968.1     | 2184.0     | 2208.0     | 2209.0     | 1634.4   | 2184.0   | 2208.0   | 2209.0   |
| Indicator value                        | <b>0.8</b> | <b>0.8</b> | <b>0.8</b> | <b>0.8</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> |

Licensee Comments: none

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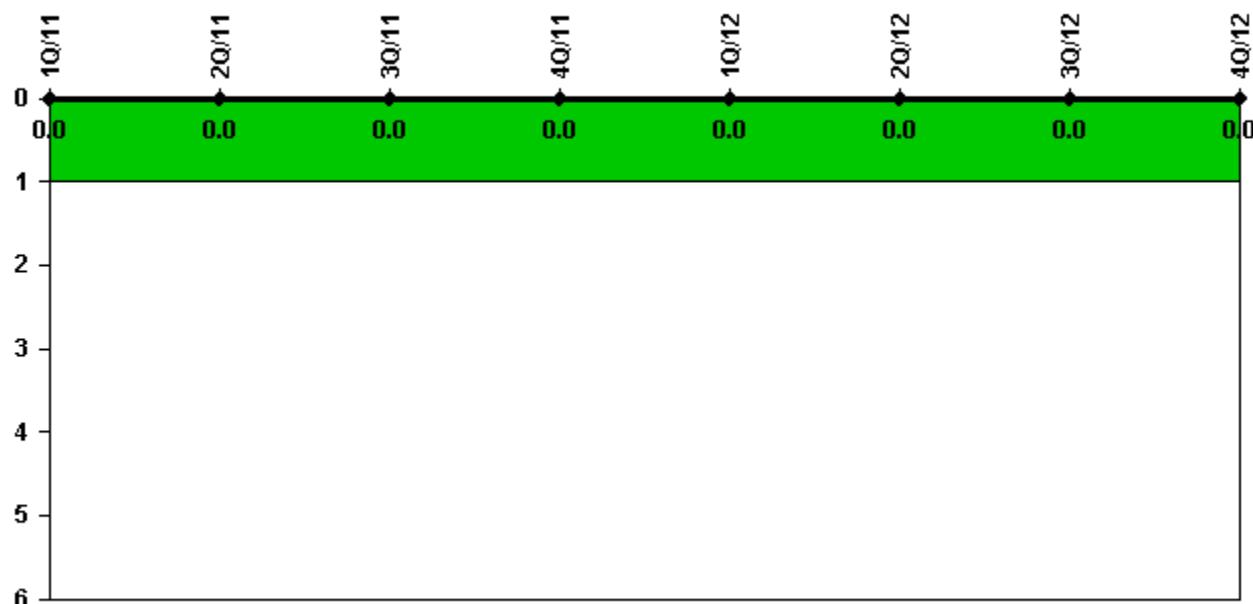
**Unplanned Power Changes per 7000 Critical Hrs**

Thresholds: White &gt; 6.0

**Notes**

| Unplanned Power Changes per 7000 Critical Hrs | 1Q/11      | 2Q/11      | 3Q/11    | 4Q/11    | 1Q/12      | 2Q/12      | 3Q/12      | 4Q/12      |
|---|------------|------------|----------|----------|------------|------------|------------|------------|
| Unplanned power changes                       | 0          | 0          | 0        | 0        | 1.0        | 0          | 0          | 0          |
| Critical hours                                | 1968.1     | 2184.0     | 2208.0   | 2209.0   | 1634.4     | 2184.0     | 2208.0     | 2209.0     |
| Indicator value                               | <b>0.8</b> | <b>0.8</b> | <b>0</b> | <b>0</b> | <b>0.8</b> | <b>0.8</b> | <b>0.8</b> | <b>0.8</b> |

Licensee Comments: none

**Unplanned Scrams with Complications**

Thresholds: White > 1.0

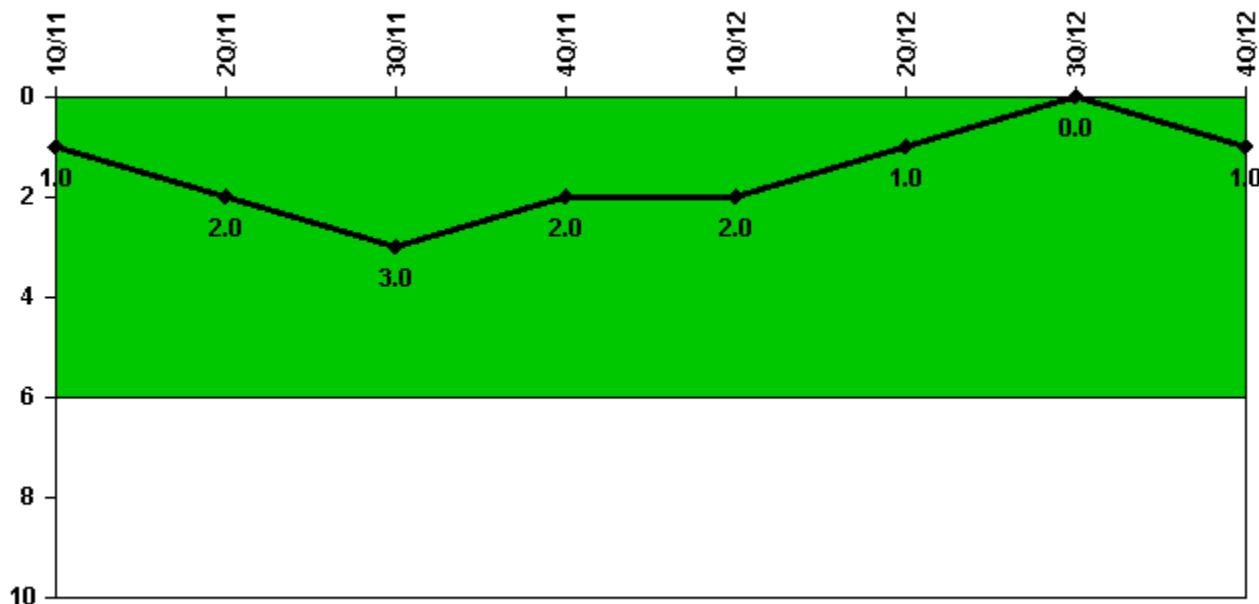
**Notes**

| Unplanned Scrams with Complications | 1Q/11      | 2Q/11      | 3Q/11      | 4Q/11      | 1Q/12      | 2Q/12      | 3Q/12      | 4Q/12      |
|-------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Scrams with complications           | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
|                                     |            |            |            |            |            |            |            |            |
| Indicator value                     | <b>0.0</b> |

Licensee Comments: none

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## Safety System Functional Failures (BWR)



Thresholds: White > 6.0

### Notes

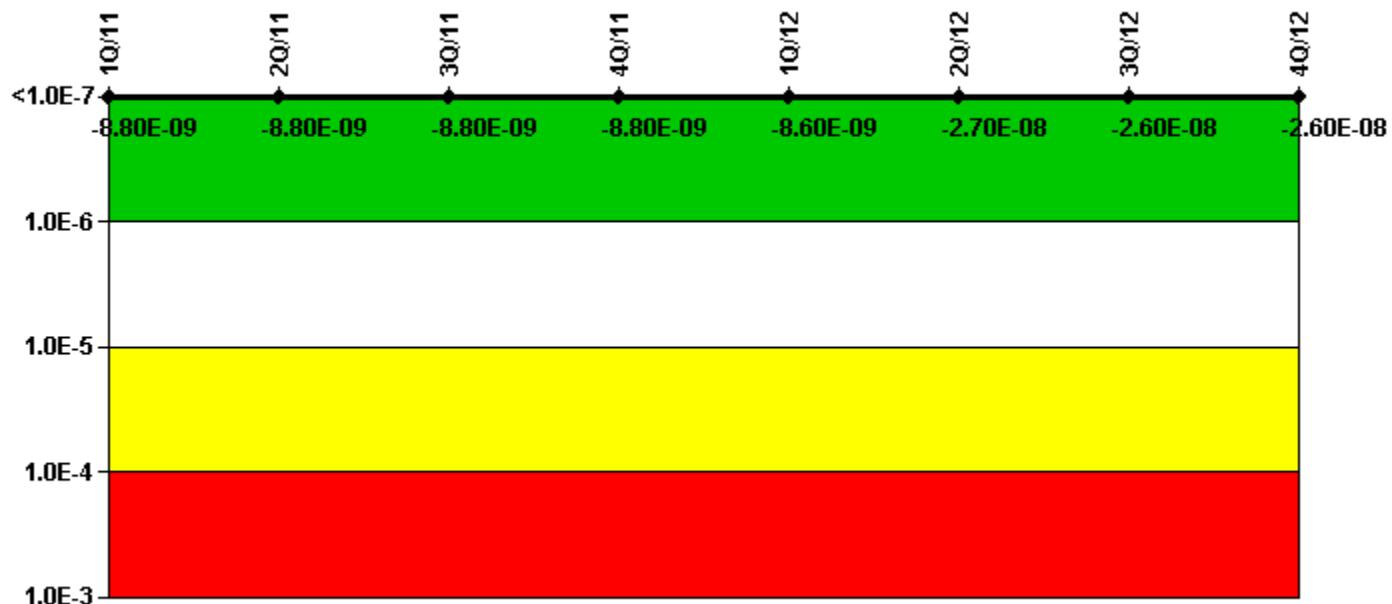
| Safety System Functional Failures (BWR) | 1Q/11    | 2Q/11    | 3Q/11    | 4Q/11    | 1Q/12    | 2Q/12    | 3Q/12    | 4Q/12    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Safety System Functional Failures       | 0        | 1        | 1        | 0        | 0        | 0        | 0        | 1        |
| Indicator value                         | <b>1</b> | <b>2</b> | <b>3</b> | <b>2</b> | <b>2</b> | <b>1</b> | <b>0</b> | <b>1</b> |

Licensee Comments:

4Q/12: LER 373-2012-001-00

3Q/11: LER 373-11004

2Q/11: LER 373-11003

**Mitigating Systems Performance Index, Emergency AC Power System**

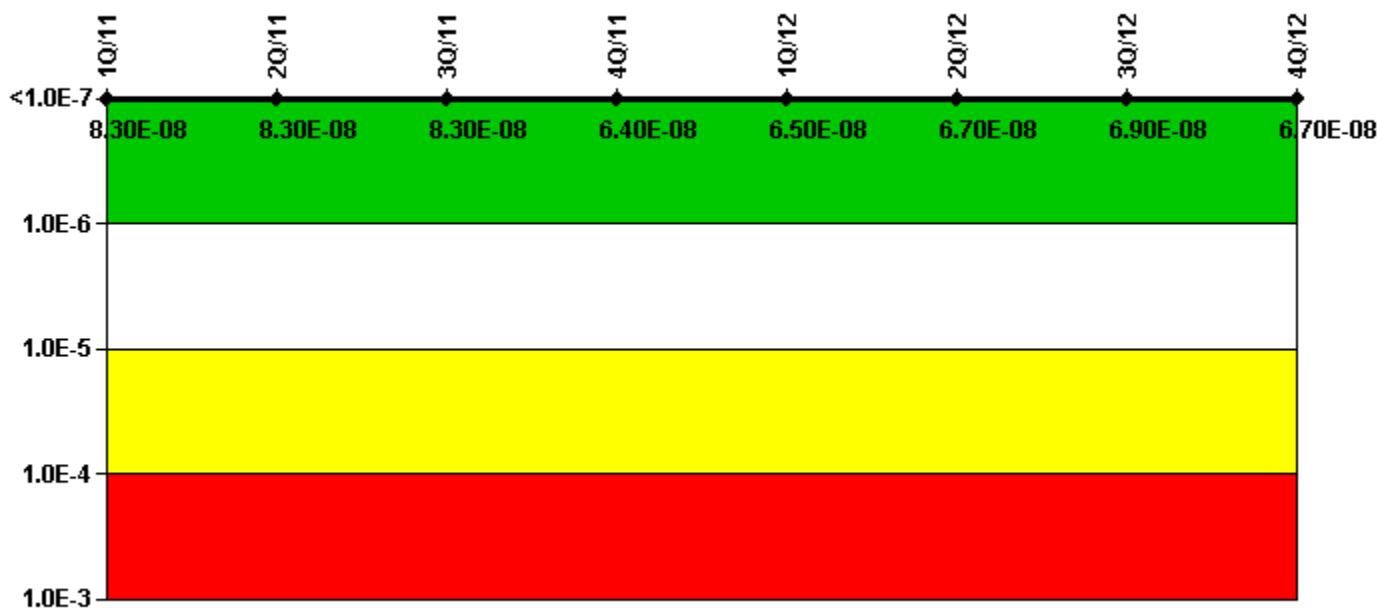
Thresholds: White >  $1.00E-6$  Yellow >  $1.00E-5$  Red >  $1.00E-4$

**Notes**

| Mitigating Systems Performance Index, Emergency AC Power System | 1Q/11            | 2Q/11            | 3Q/11            | 4Q/11            | 1Q/12            | 2Q/12            | 3Q/12            | 4Q/12            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)   | -3.99E-09        | -3.99E-09        | -3.99E-09        | -3.99E-09        | -3.99E-09        | -4.09E-09        | -4.09E-09        | -4.09E-09        |
| URI ( $\Delta$ CDF)   | -4.81E-09        | -4.81E-09        | -4.81E-09        | -4.81E-09        | -4.61E-09        | -2.24E-08        | -2.22E-08        | -2.20E-08        |
| PLE   | NO               |
| <b>Indicator value</b>  | <b>-8.80E-09</b> | <b>-8.80E-09</b> | <b>-8.80E-09</b> | <b>-8.80E-09</b> | <b>-8.60E-09</b> | <b>-2.70E-08</b> | <b>-2.60E-08</b> | <b>-2.60E-08</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, High Pressure Injection System

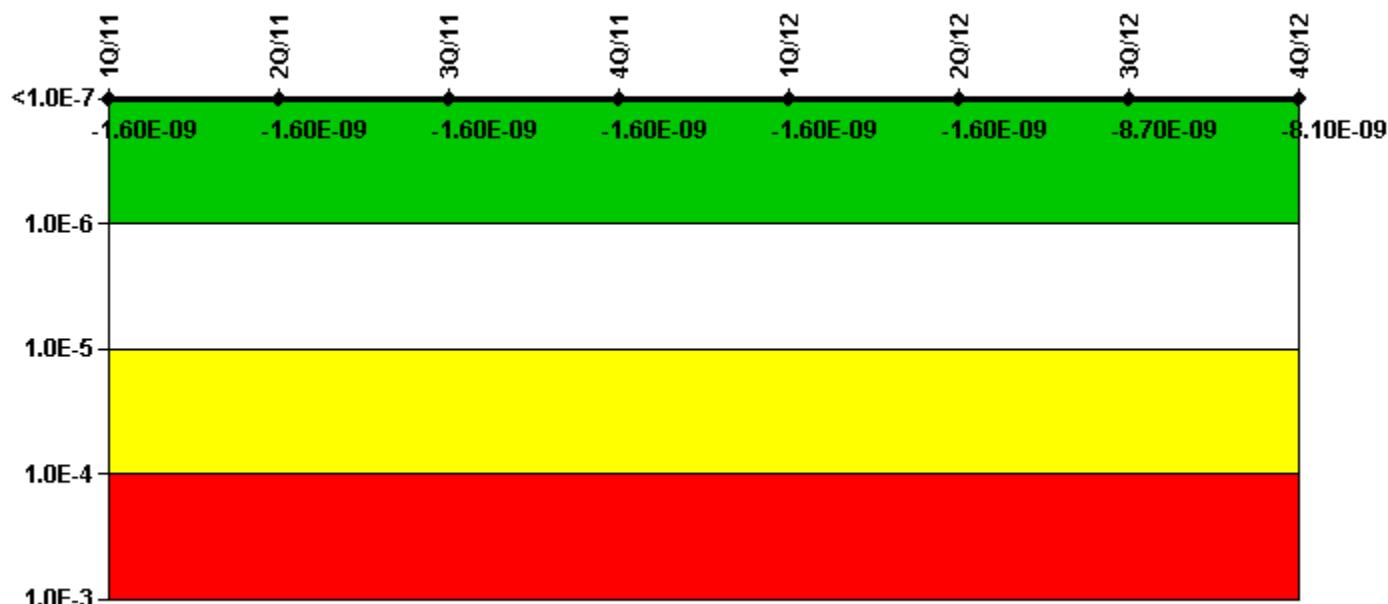


Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 1Q/11           | 2Q/11           | 3Q/11           | 4Q/11           | 1Q/12           | 2Q/12           | 3Q/12           | 4Q/12           |
|--|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| UAI ( $\Delta$ CDF)  | 1.95E-09        | 1.95E-09        | 1.94E-09        | 1.39E-09        | 1.80E-09        | 2.36E-09        | 3.16E-09        | 1.95E-10        |
| URI ( $\Delta$ CDF)  | 8.12E-08        | 8.12E-08        | 8.12E-08        | 6.24E-08        | 6.34E-08        | 6.44E-08        | 6.54E-08        | 6.64E-08        |
| PLE  | NO              |
| Indicator value  | <b>8.30E-08</b> | <b>8.30E-08</b> | <b>8.30E-08</b> | <b>6.40E-08</b> | <b>6.50E-08</b> | <b>6.70E-08</b> | <b>6.90E-08</b> | <b>6.70E-08</b> |

Licensee Comments: none

**Mitigating Systems Performance Index, Heat Removal System**

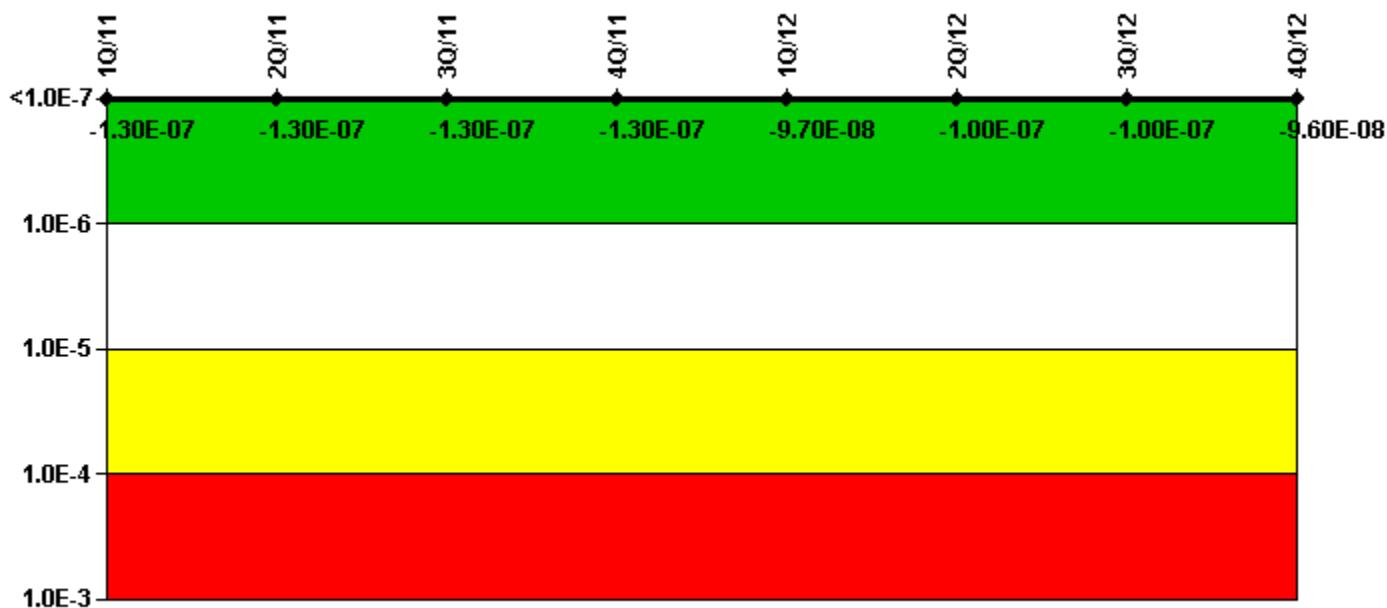
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

**Notes**

| Mitigating Systems Performance Index, Heat Removal System | 1Q/11            | 2Q/11            | 3Q/11            | 4Q/11            | 1Q/12            | 2Q/12            | 3Q/12            | 4Q/12            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)                                       | -1.42E-09        | -1.42E-09        | -1.42E-09        | -1.42E-09        | -1.39E-09        | -1.39E-09        | -1.89E-09        | -1.29E-09        |
| URI ( $\Delta$ CDF)                                       | -2.03E-10        | -2.03E-10        | -2.03E-10        | -2.03E-10        | -2.03E-10        | -2.03E-10        | -6.79E-09        | -6.79E-09        |
| PLE   | NO               |
| Indicator value   | <b>-1.60E-09</b> | <b>-1.60E-09</b> | <b>-1.60E-09</b> | <b>-1.60E-09</b> | <b>-1.60E-09</b> | <b>-1.60E-09</b> | <b>-8.70E-09</b> | <b>-8.10E-09</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, Residual Heat Removal System



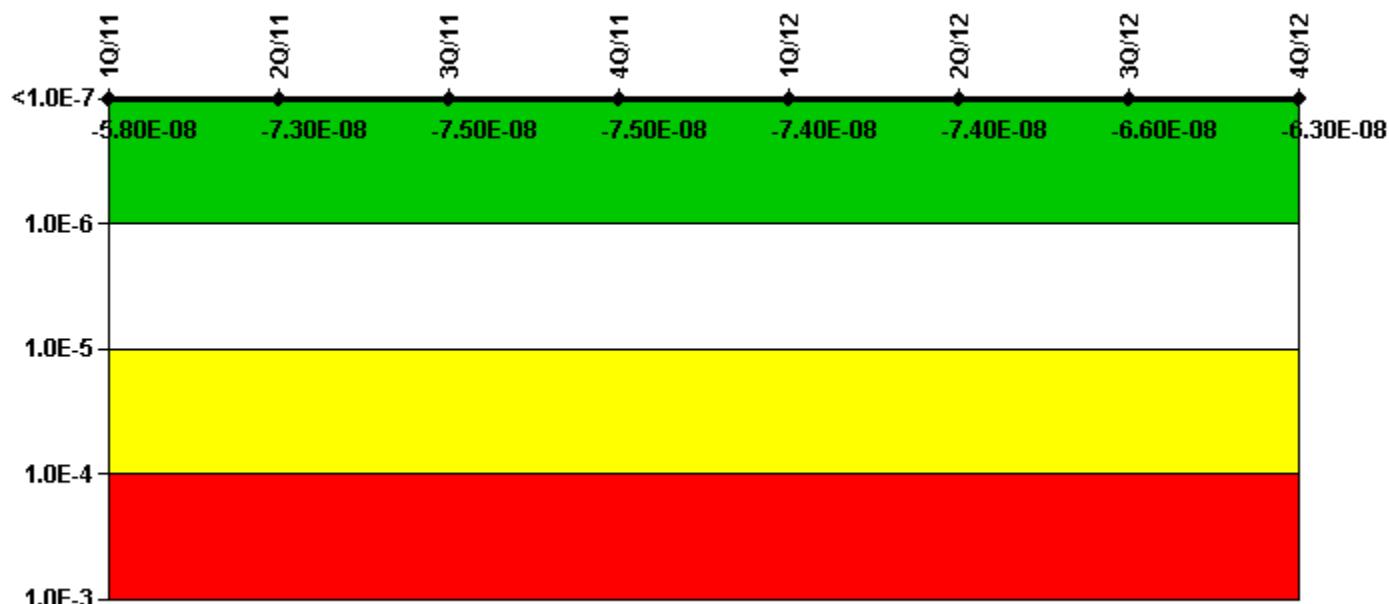
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 1Q/11            | 2Q/11            | 3Q/11            | 4Q/11            | 1Q/12            | 2Q/12            | 3Q/12            | 4Q/12            |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)  | -4.90E-08        | -4.90E-08        | -4.90E-08        | -4.90E-08        | -1.30E-08        | -1.79E-08        | -1.81E-08        | -1.17E-08        |
| URI ( $\Delta$ CDF)  | -8.44E-08        |
| PLE  | NO               |
| Indicator value  | <b>-1.30E-07</b> | <b>-1.30E-07</b> | <b>-1.30E-07</b> | <b>-1.30E-07</b> | <b>-9.70E-08</b> | <b>-1.00E-07</b> | <b>-1.00E-07</b> | <b>-9.60E-08</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, Cooling Water Systems

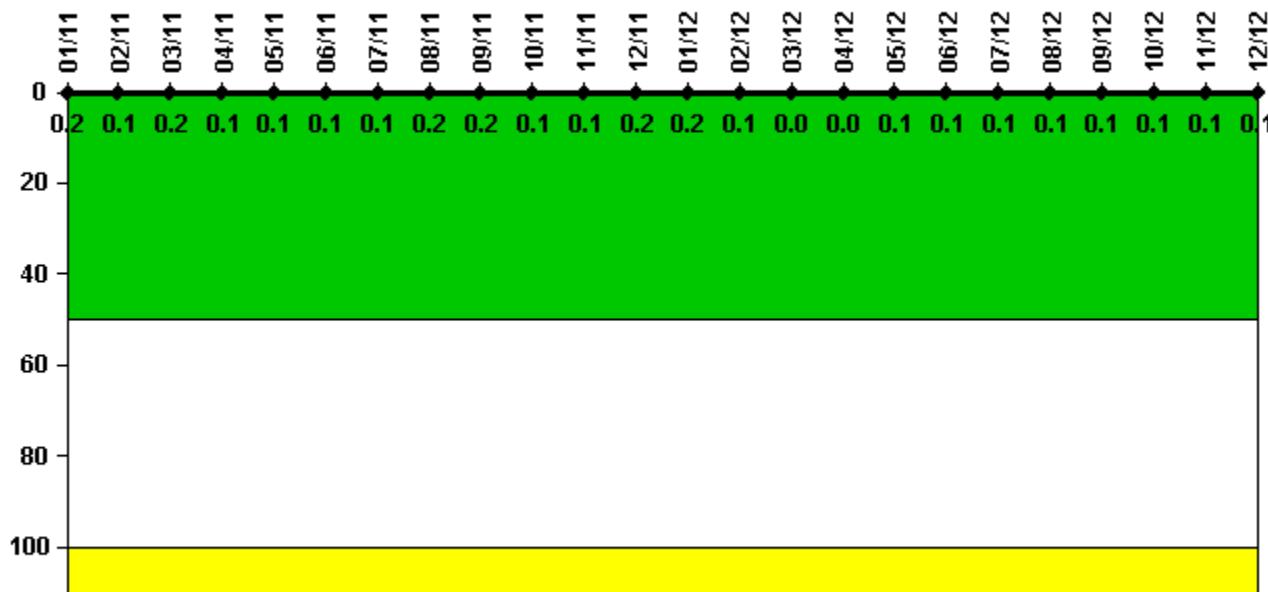


Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 1Q/11            | 2Q/11            | 3Q/11            | 4Q/11            | 1Q/12            | 2Q/12            | 3Q/12            | 4Q/12            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)   | 4.66E-08         | 3.10E-08         | 3.00E-08         | 3.00E-08         | 3.10E-08         | 3.10E-08         | 3.84E-08         | 4.13E-08         |
| URI ( $\Delta$ CDF)   | -1.04E-07        | -1.04E-07        | -1.05E-07        | -1.05E-07        | -1.05E-07        | -1.05E-07        | -1.05E-07        | -1.05E-07        |
| PLE   | NO               |
| Indicator value   | <b>-5.80E-08</b> | <b>-7.30E-08</b> | <b>-7.50E-08</b> | <b>-7.50E-08</b> | <b>-7.40E-08</b> | <b>-7.40E-08</b> | <b>-6.60E-08</b> | <b>-6.30E-08</b> |

Licensee Comments: none

**Reactor Coolant System Activity**

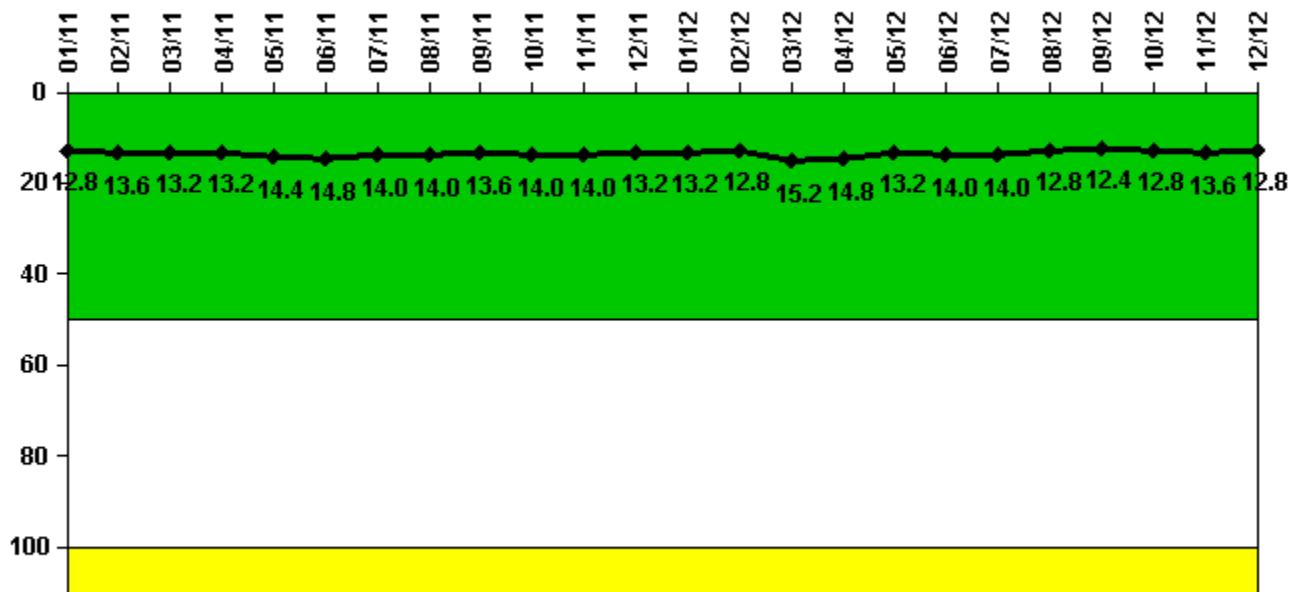
Thresholds: White &gt; 50.0 Yellow &gt; 100.0

**Notes**

| Reactor Coolant System Activity | 1/11     | 2/11     | 3/11     | 4/11     | 5/11     | 6/11     | 7/11     | 8/11     | 9/11     | 10/11    | 11/11    | 12/11    |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity                | 0.000322 | 0.000247 | 0.000311 | 0.000268 | 0.000249 | 0.000299 | 0.000292 | 0.000341 | 0.000458 | 0.000292 | 0.000249 | 0.000323 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0.2      | 0.1      | 0.2      | 0.1      | 0.1      | 0.1      | 0.1      | 0.2      | 0.2      | 0.1      | 0.1      | 0.2      |
| Reactor Coolant System Activity | 1/12     | 2/12     | 3/12     | 4/12     | 5/12     | 6/12     | 7/12     | 8/12     | 9/12     | 10/12    | 11/12    | 12/12    |
| Maximum activity                | 0.000306 | 0.000292 | 0.000081 | 0.000089 | 0.000136 | 0.000106 | 0.000110 | 0.000101 | 0.000118 | 0.000162 | 0.000121 | 0.000136 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0.2      | 0.1      | 0        | 0        | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      |

Licensee Comments: none

## Reactor Coolant System Leakage

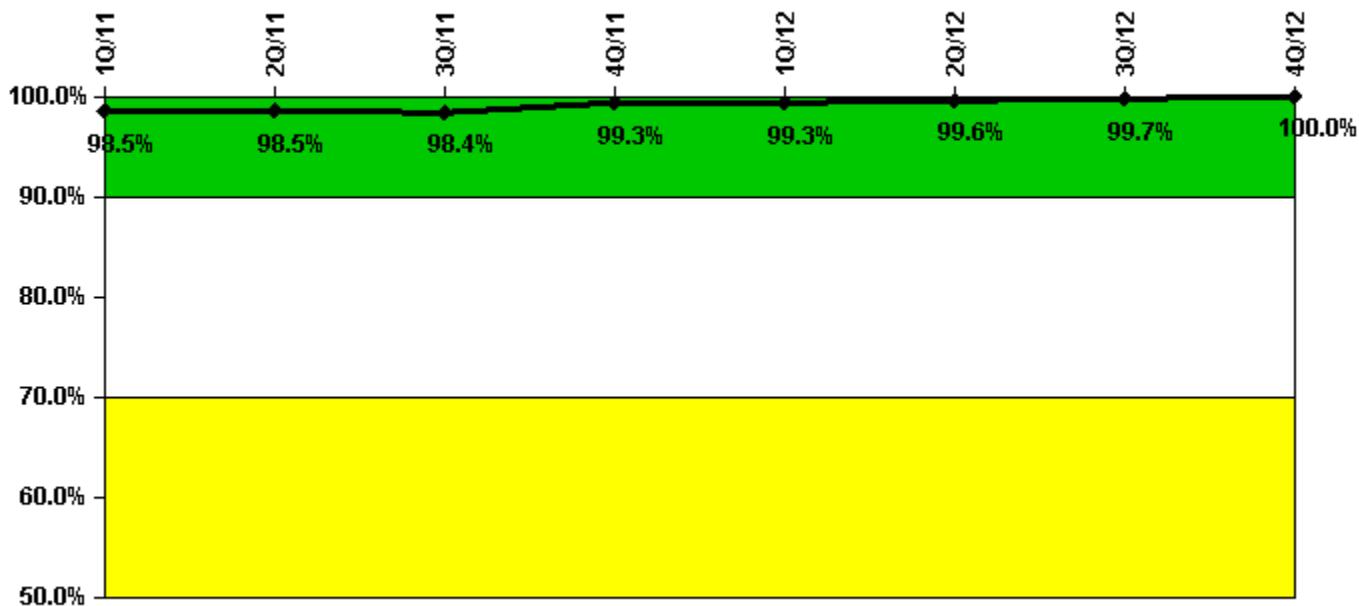


Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Leakage | 1/11        | 2/11        | 3/11        | 4/11        | 5/11        | 6/11        | 7/11        | 8/11        | 9/11        | 10/11       | 11/11       | 12/11       |
|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Maximum leakage                | 3.200       | 3.400       | 3.300       | 3.300       | 3.600       | 3.700       | 3.500       | 3.500       | 3.400       | 3.500       | 3.500       | 3.300       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| Indicator value                | <b>12.8</b> | <b>13.6</b> | <b>13.2</b> | <b>13.2</b> | <b>14.4</b> | <b>14.8</b> | <b>14.0</b> | <b>14.0</b> | <b>13.6</b> | <b>14.0</b> | <b>14.0</b> | <b>13.2</b> |
| Reactor Coolant System Leakage | 1/12        | 2/12        | 3/12        | 4/12        | 5/12        | 6/12        | 7/12        | 8/12        | 9/12        | 10/12       | 11/12       | 12/12       |
| Maximum leakage                | 3.300       | 3.200       | 3.800       | 3.700       | 3.300       | 3.500       | 3.500       | 3.200       | 3.100       | 3.200       | 3.400       | 3.200       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| Indicator value                | <b>13.2</b> | <b>12.8</b> | <b>15.2</b> | <b>14.8</b> | <b>13.2</b> | <b>14.0</b> | <b>14.0</b> | <b>12.8</b> | <b>12.4</b> | <b>12.8</b> | <b>13.6</b> | <b>12.8</b> |

Licensee Comments: none

**Drill/Exercise Performance**

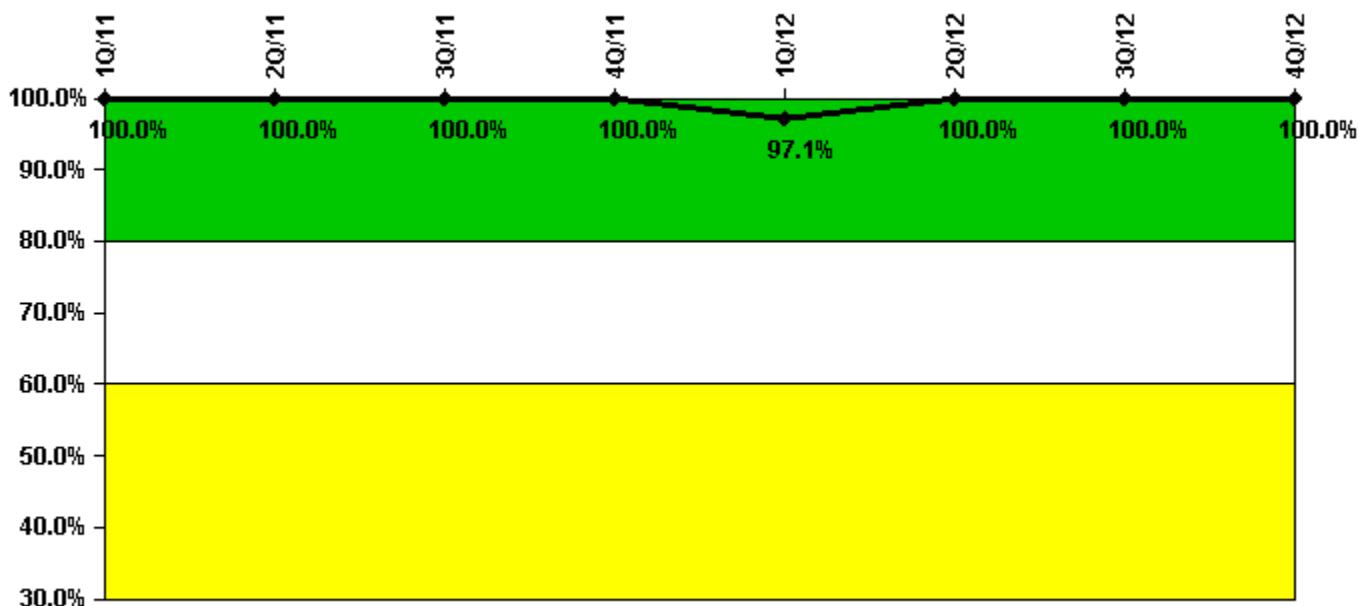
Thresholds: White < 90.0% Yellow < 70.0%

**Notes**

| Drill/Exercise Performance | 1Q/11        | 2Q/11        | 3Q/11        | 4Q/11        | 1Q/12        | 2Q/12        | 3Q/12        | 4Q/12         |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| Successful opportunities   | 0            | 40.0         | 39.0         | 64.0         | 24.0         | 64.0         | 23.0         | 33.0          |
| Total opportunities        | 0            | 40.0         | 39.0         | 64.0         | 24.0         | 64.0         | 23.0         | 33.0          |
| <b>Indicator value</b>     | <b>98.5%</b> | <b>98.5%</b> | <b>98.4%</b> | <b>99.3%</b> | <b>99.3%</b> | <b>99.6%</b> | <b>99.7%</b> | <b>100.0%</b> |

Licensee Comments: none

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**ERO Drill Participation**

Thresholds: White < 80.0% Yellow < 60.0%

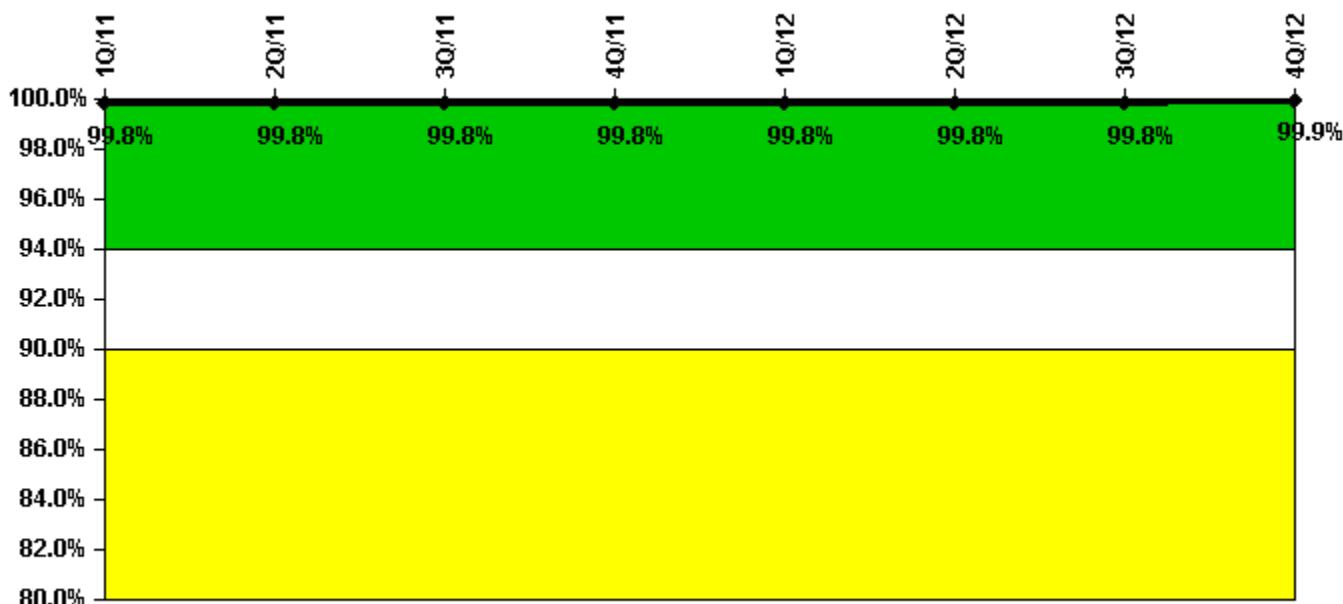
**Notes**

| ERO Drill Participation     | 1Q/11         | 2Q/11         | 3Q/11         | 4Q/11         | 1Q/12        | 2Q/12         | 3Q/12         | 4Q/12         |
|-----------------------------|---------------|---------------|---------------|---------------|--------------|---------------|---------------|---------------|
| Participating Key personnel | 65.0          | 63.0          | 68.0          | 70.0          | 68.0         | 68.0          | 69.0          | 71.0          |
| Total Key personnel         | 65.0          | 63.0          | 68.0          | 70.0          | 70.0         | 68.0          | 69.0          | 71.0          |
| <b>Indicator value</b>      | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>97.1%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> |

Licensee Comments: none

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## Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

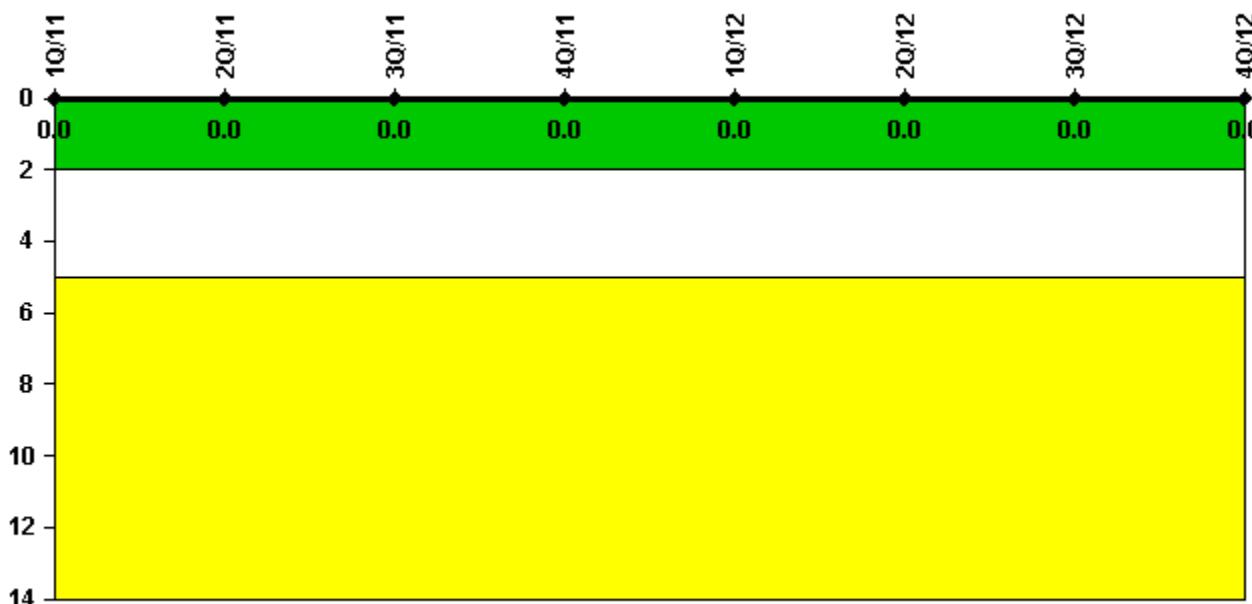
### Notes

| Alert & Notification System | 1Q/11        | 2Q/11        | 3Q/11        | 4Q/11        | 1Q/12        | 2Q/12        | 3Q/12        | 4Q/12        |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests      | 2173         | 2170         | 2170         | 2171         | 2207         | 2172         | 2137         | 2175         |
| Total sirens-tests          | 2176         | 2176         | 2176         | 2176         | 2210         | 2176         | 2142         | 2176         |
| <b>Indicator value</b>      | <b>99.8%</b> | <b>99.9%</b> |

Licensee Comments: none

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## Occupational Exposure Control Effectiveness



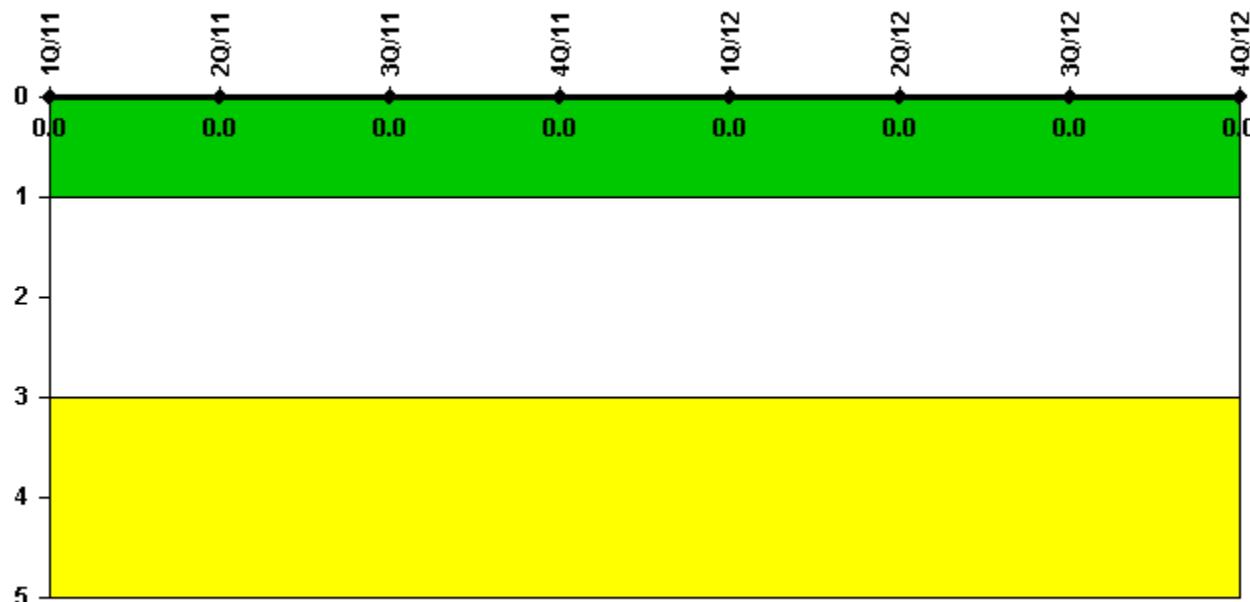
Thresholds: White > 2.0 Yellow > 5.0

### Notes

| Occupational Exposure Control Effectiveness | 1Q/11    | 2Q/11    | 3Q/11    | 4Q/11    | 1Q/12    | 2Q/12    | 3Q/12    | 4Q/12    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>0</b> |

Licensee Comments: none

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**RETS/ODCM Radiological Effluent**

Thresholds: White > 1.0 Yellow > 3.0

**Notes**

| RETS/ODCM Radiological Effluent | 1Q/11    | 2Q/11    | 3Q/11    | 4Q/11    | 1Q/12    | 2Q/12    | 3Q/12    | 4Q/12    |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| RETS/ODCM occurrences           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>          | <b>0</b> |

Licensee Comments: none

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Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

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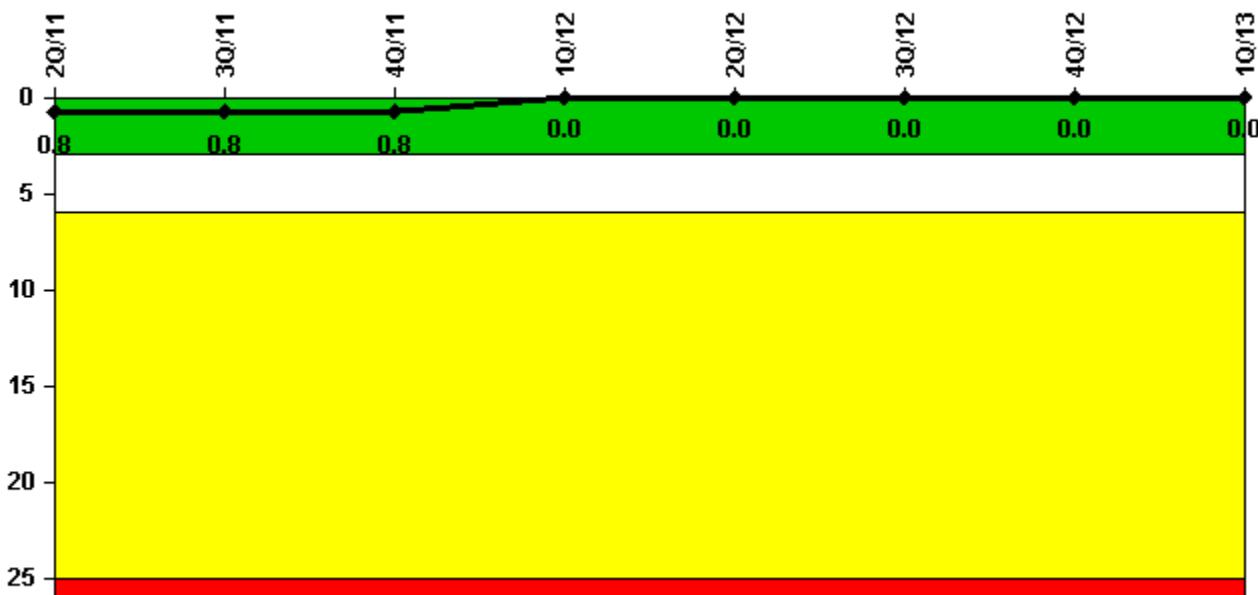
[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

# La Salle 1

## 1Q/2013 Performance Indicators

Licensee's General Comments: none

### **Unplanned Scrams per 7000 Critical Hrs**



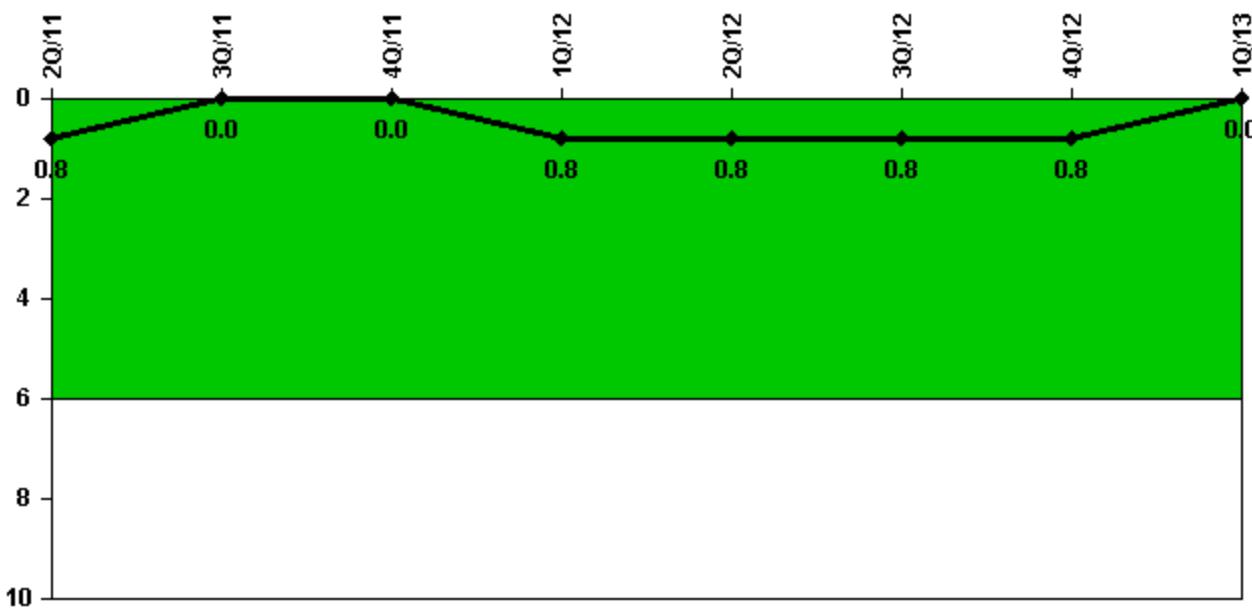
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

| Unplanned Scrams per 7000 Critical Hrs | 2Q/11      | 3Q/11      | 4Q/11      | 1Q/12    | 2Q/12    | 3Q/12    | 4Q/12    | 1Q/13    |
|--|------------|------------|------------|----------|----------|----------|----------|----------|
| Unplanned scrams                       | 0          | 0          | 0          | 0        | 0        | 0        | 0        | 0        |
| Critical hours                         | 2184.0     | 2208.0     | 2209.0     | 1634.4   | 2184.0   | 2208.0   | 2209.0   | 2159.0   |
| Indicator value                        | <b>0.8</b> | <b>0.8</b> | <b>0.8</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> |

Licensee Comments: none

### Unplanned Power Changes per 7000 Critical Hrs



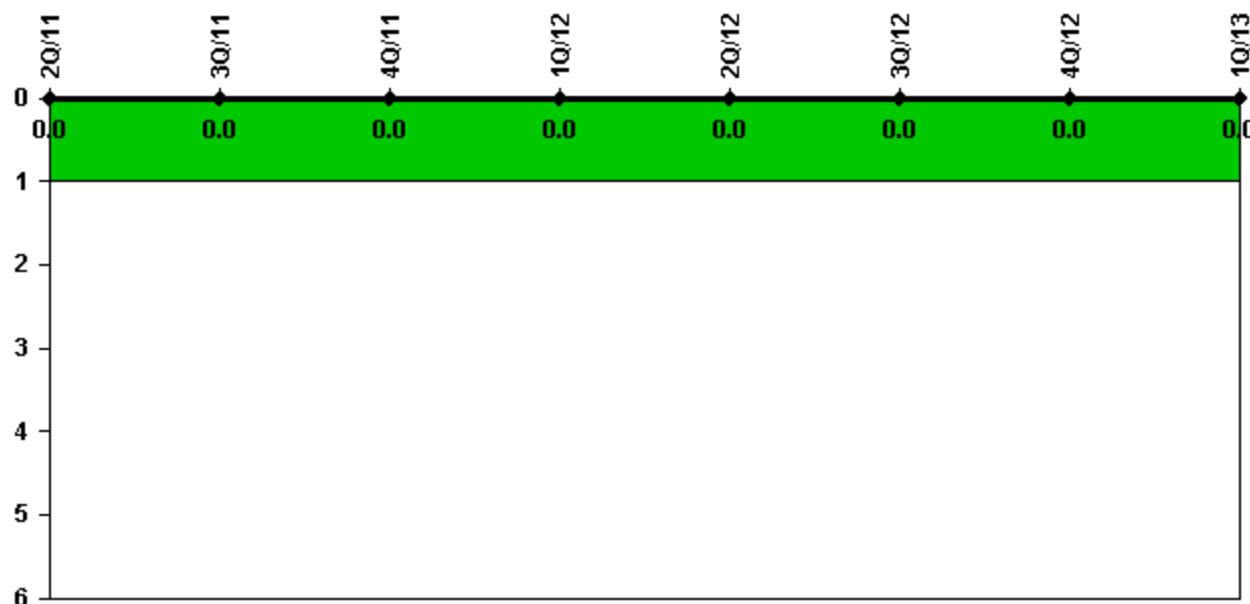
Thresholds: White > 6.0

#### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 2Q/11      | 3Q/11    | 4Q/11    | 1Q/12      | 2Q/12      | 3Q/12      | 4Q/12      | 1Q/13    |
|---|------------|----------|----------|------------|------------|------------|------------|----------|
| Unplanned power changes                       | 0          | 0        | 0        | 1.0        | 0          | 0          | 0          | 0        |
| Critical hours                                | 2184.0     | 2208.0   | 2209.0   | 1634.4     | 2184.0     | 2208.0     | 2209.0     | 2159.0   |
| Indicator value                               | <b>0.8</b> | <b>0</b> | <b>0</b> | <b>0.8</b> | <b>0.8</b> | <b>0.8</b> | <b>0.8</b> | <b>0</b> |

Licensee Comments: none

### **Unplanned Scrams with Complications**



Thresholds: White > 1.0

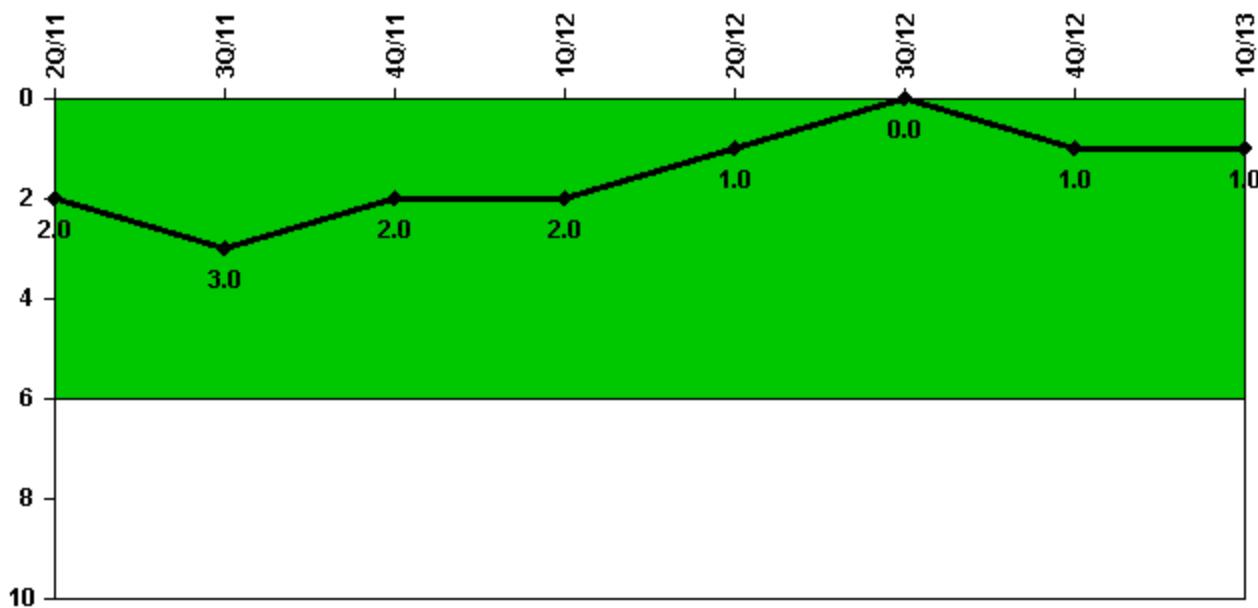
#### **Notes**

| <b>Unplanned Scrams with Complications</b> | <b>2Q/11</b> | <b>3Q/11</b> | <b>4Q/11</b> | <b>1Q/12</b> | <b>2Q/12</b> | <b>3Q/12</b> | <b>4Q/12</b> | <b>1Q/13</b> |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Scrams with complications                  | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
|  |              |              |              |              |              |              |              |              |
|  |              |              |              |              |              |              |              |              |
| <b>Indicator value</b>                     | <b>0.0</b>   |

Licensee Comments: none

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### **Safety System Functional Failures (BWR)**



Thresholds: White > 6.0

#### **Notes**

| <b>Safety System Functional Failures (BWR)</b> | <b>2Q/11</b> | <b>3Q/11</b> | <b>4Q/11</b> | <b>1Q/12</b> | <b>2Q/12</b> | <b>3Q/12</b> | <b>4Q/12</b> | <b>1Q/13</b> |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Safety System Functional Failures              | 1            | 1            | 0            | 0            | 0            | 0            | 1            | 0            |
| <b>Indicator value</b>                         | <b>2</b>     | <b>3</b>     | <b>2</b>     | <b>2</b>     | <b>1</b>     | <b>0</b>     | <b>1</b>     | <b>1</b>     |

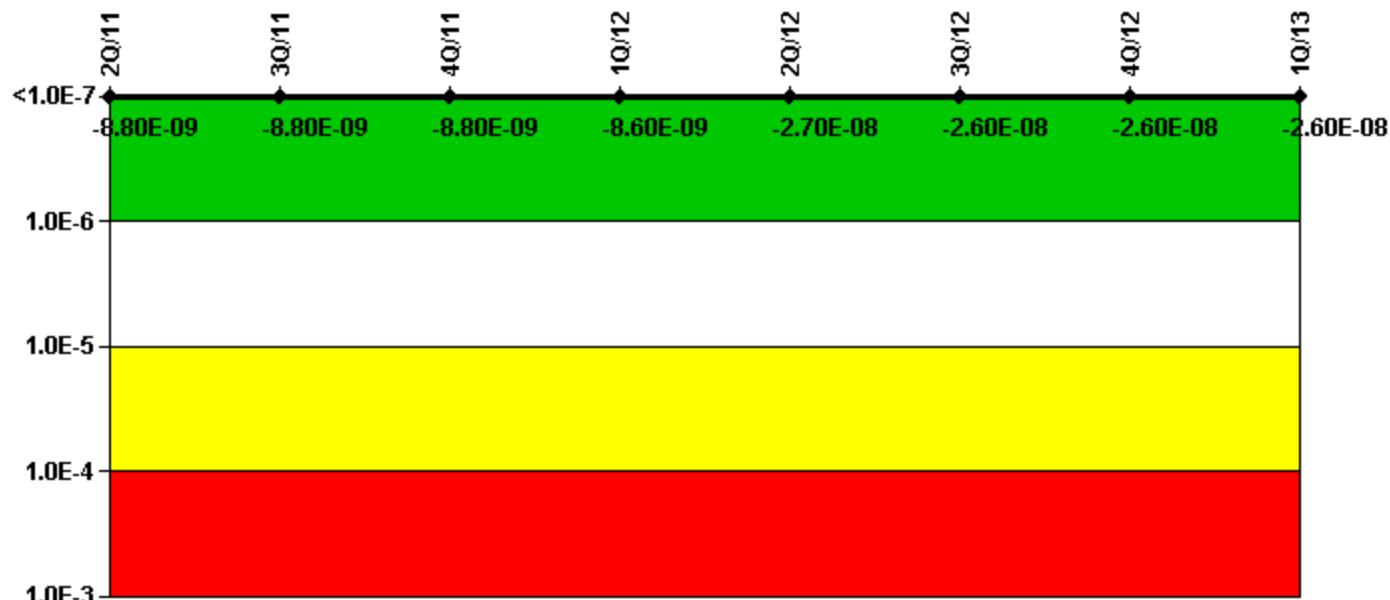
Licensee Comments:

4Q/12: LER 373-2012-001-00

3Q/11: LER 373-11004

2Q/11: LER 373-11003

## Mitigating Systems Performance Index, Emergency AC Power System



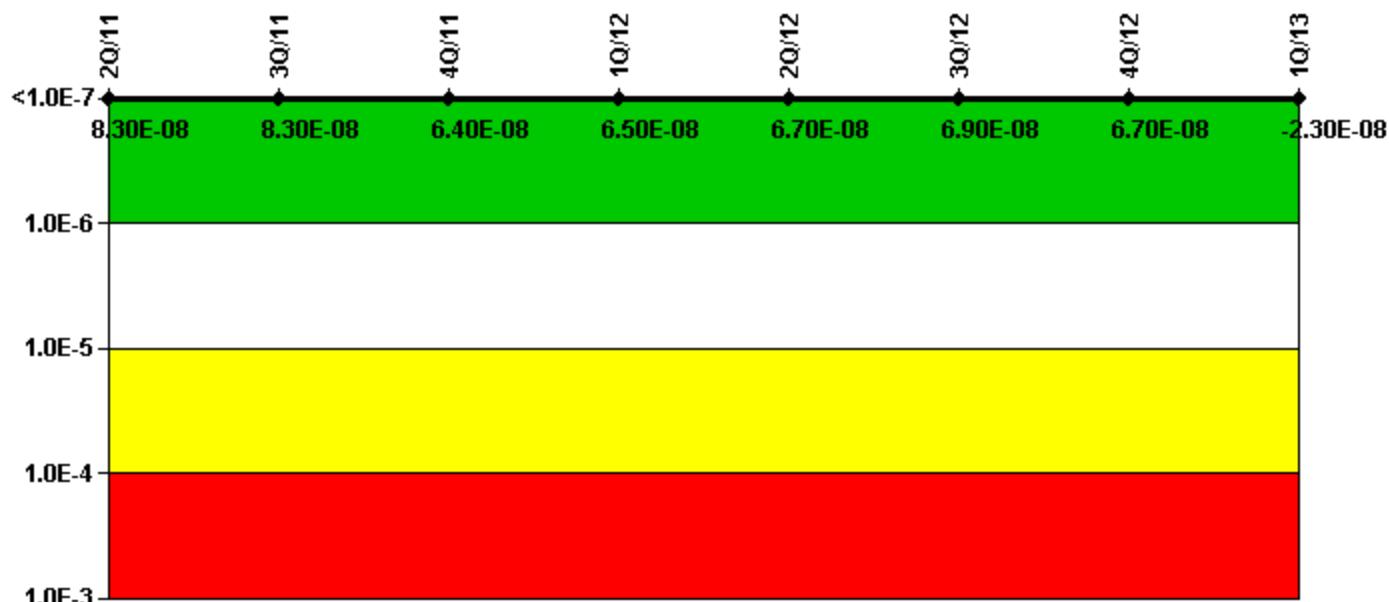
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 2Q/11            | 3Q/11            | 4Q/11            | 1Q/12            | 2Q/12            | 3Q/12            | 4Q/12            | 1Q/13            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)   | -3.99E-09        | -3.99E-09        | -3.99E-09        | -3.99E-09        | -4.09E-09        | -4.09E-09        | -4.09E-09        | -4.09E-09        |
| URI ( $\Delta$ CDF)   | -4.81E-09        | -4.81E-09        | -4.81E-09        | -4.61E-09        | -2.24E-08        | -2.22E-08        | -2.20E-08        | -2.18E-08        |
| PLE   | NO               |
| Indicator value   | <b>-8.80E-09</b> | <b>-8.80E-09</b> | <b>-8.80E-09</b> | <b>-8.60E-09</b> | <b>-2.70E-08</b> | <b>-2.60E-08</b> | <b>-2.60E-08</b> | <b>-2.60E-08</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, High Pressure Injection System



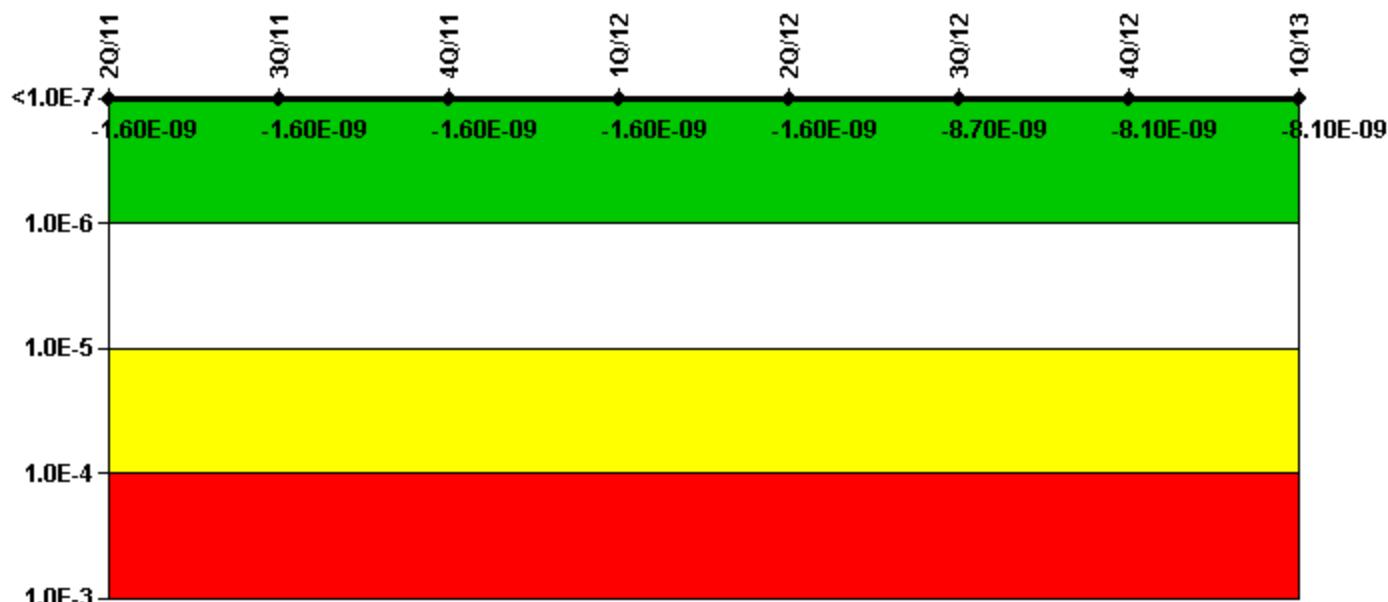
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 2Q/11    | 3Q/11    | 4Q/11    | 1Q/12    | 2Q/12    | 3Q/12    | 4Q/12    | 1Q/13     |
|--|----------|----------|----------|----------|----------|----------|----------|-----------|
| UAI ( $\Delta$ CDF)  | 1.95E-09 | 1.94E-09 | 1.39E-09 | 1.80E-09 | 2.36E-09 | 3.16E-09 | 1.95E-10 | -2.20E-09 |
| URI ( $\Delta$ CDF)  | 8.12E-08 | 8.12E-08 | 6.24E-08 | 6.34E-08 | 6.44E-08 | 6.54E-08 | 6.64E-08 | -2.10E-08 |
| PLE  | NO        |
| Indicator value  | 8.30E-08 | 8.30E-08 | 6.40E-08 | 6.50E-08 | 6.70E-08 | 6.90E-08 | 6.70E-08 | -2.30E-08 |

Licensee Comments: none

### Mitigating Systems Performance Index, Heat Removal System



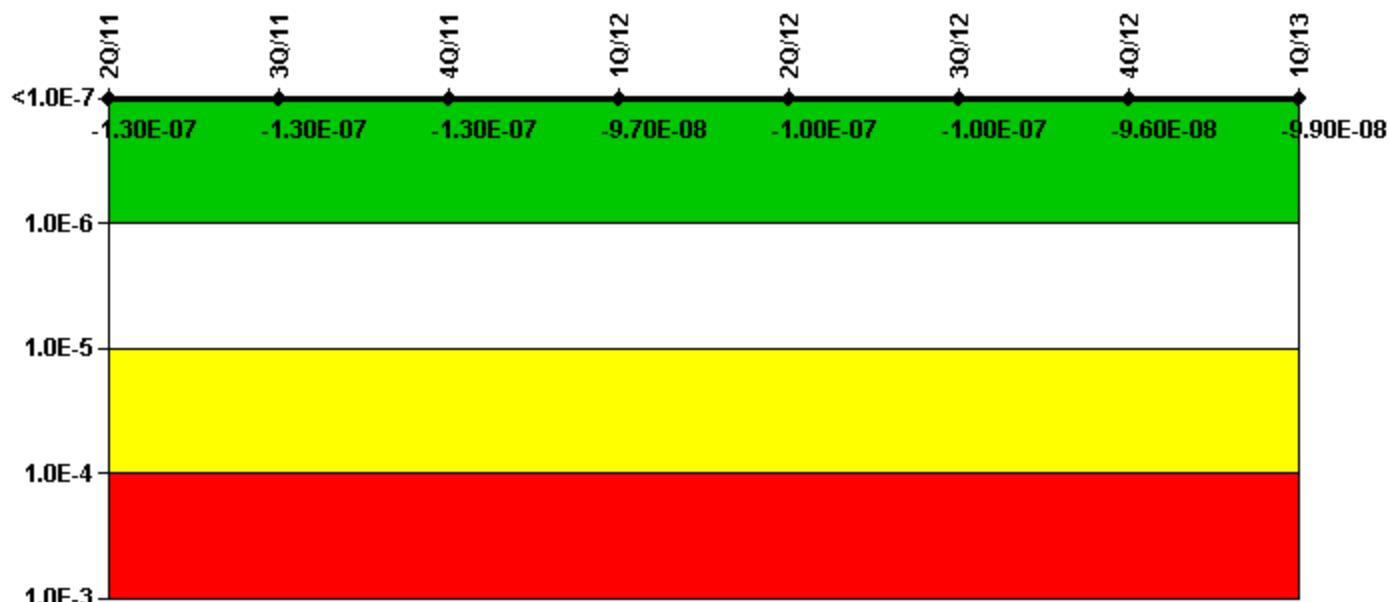
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

#### Notes

| Mitigating Systems Performance Index, Heat Removal System | 2Q/11            | 3Q/11            | 4Q/11            | 1Q/12            | 2Q/12            | 3Q/12            | 4Q/12            | 1Q/13            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)                                       | -1.42E-09        | -1.42E-09        | -1.42E-09        | -1.39E-09        | -1.39E-09        | -1.89E-09        | -1.29E-09        | -1.33E-09        |
| URI ( $\Delta$ CDF)                                       | -2.03E-10        | -2.03E-10        | -2.03E-10        | -2.03E-10        | -2.03E-10        | -6.79E-09        | -6.79E-09        | -6.79E-09        |
| PLE   | NO               |
| Indicator value   | <b>-1.60E-09</b> | <b>-1.60E-09</b> | <b>-1.60E-09</b> | <b>-1.60E-09</b> | <b>-1.60E-09</b> | <b>-8.70E-09</b> | <b>-8.10E-09</b> | <b>-8.10E-09</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, Residual Heat Removal System



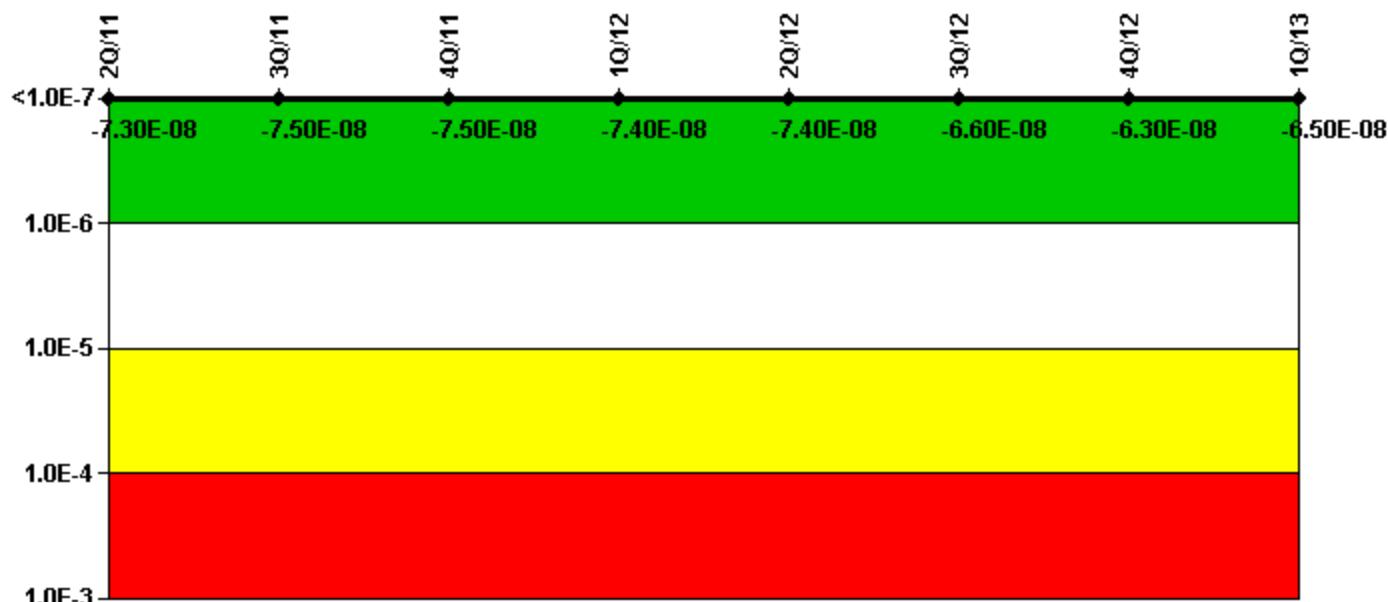
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 2Q/11            | 3Q/11            | 4Q/11            | 1Q/12            | 2Q/12            | 3Q/12            | 4Q/12            | 1Q/13            |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)  | -4.90E-08        | -4.90E-08        | -4.90E-08        | -1.30E-08        | -1.79E-08        | -1.81E-08        | -1.17E-08        | -1.41E-08        |
| URI ( $\Delta$ CDF)  | -8.44E-08        |
| PLE  | NO               |
| Indicator value  | <b>-1.30E-07</b> | <b>-1.30E-07</b> | <b>-1.30E-07</b> | <b>-9.70E-08</b> | <b>-1.00E-07</b> | <b>-1.00E-07</b> | <b>-9.60E-08</b> | <b>-9.90E-08</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, Cooling Water Systems



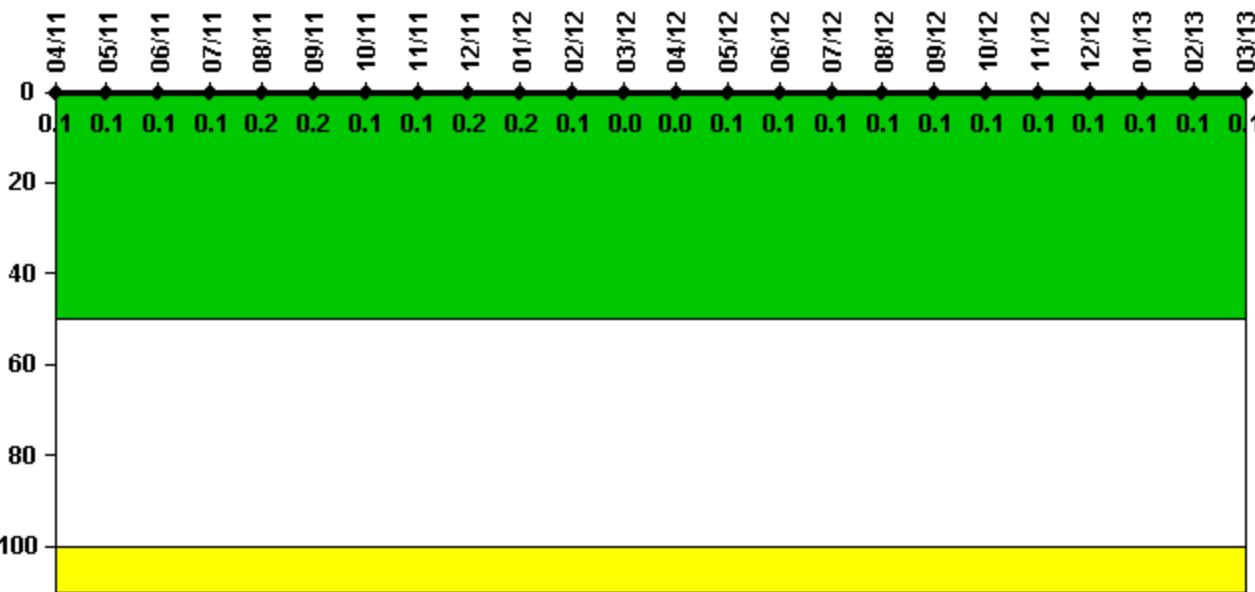
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 2Q/11            | 3Q/11            | 4Q/11            | 1Q/12            | 2Q/12            | 3Q/12            | 4Q/12            | 1Q/13            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)   | 3.10E-08         | 3.00E-08         | 3.00E-08         | 3.10E-08         | 3.10E-08         | 3.84E-08         | 4.13E-08         | 3.99E-08         |
| URI ( $\Delta$ CDF)   | -1.04E-07        | -1.05E-07        |
| PLE   | NO               |
| <b>Indicator value</b>                                      | <b>-7.30E-08</b> | <b>-7.50E-08</b> | <b>-7.50E-08</b> | <b>-7.40E-08</b> | <b>-7.40E-08</b> | <b>-6.60E-08</b> | <b>-6.30E-08</b> | <b>-6.50E-08</b> |

Licensee Comments: none

## Reactor Coolant System Activity



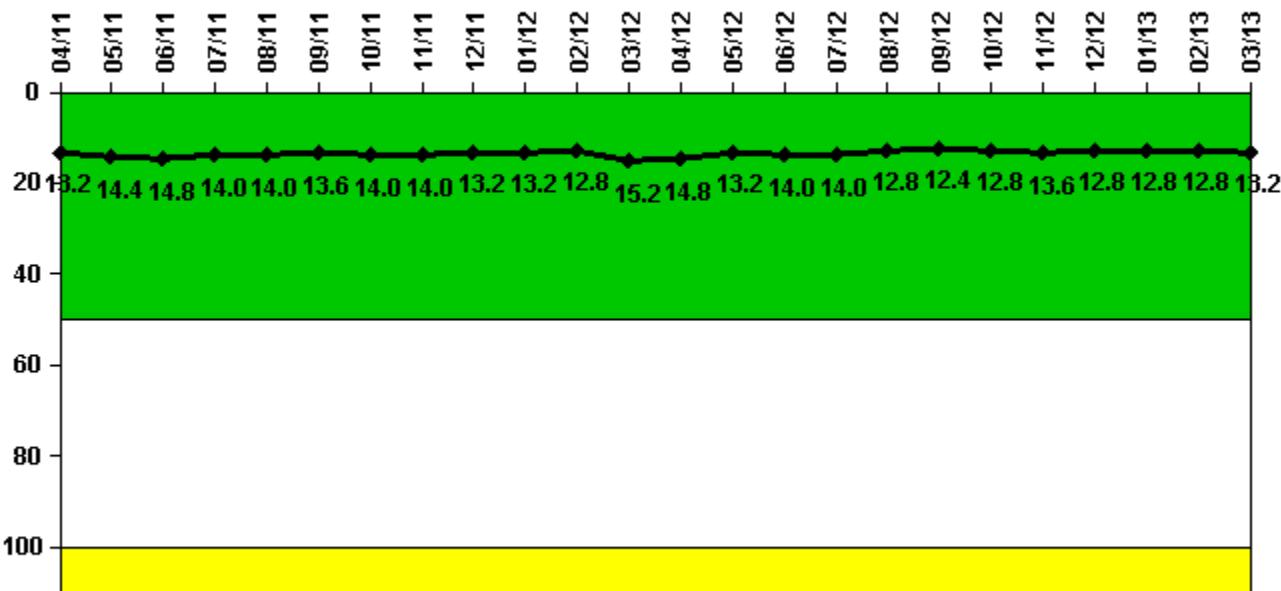
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Activity | 4/11     | 5/11     | 6/11     | 7/11     | 8/11     | 9/11     | 10/11    | 11/11    | 12/11    | 1/12     | 2/12     | 3/12     |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity                | 0.000268 | 0.000249 | 0.000299 | 0.000292 | 0.000341 | 0.000458 | 0.000292 | 0.000249 | 0.000323 | 0.000306 | 0.000292 | 0.000081 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0.1      | 0.1      | 0.1      | 0.1      | 0.2      | 0.2      | 0.1      | 0.1      | 0.2      | 0.2      | 0.1      | 0        |
| Reactor Coolant System Activity | 4/12     | 5/12     | 6/12     | 7/12     | 8/12     | 9/12     | 10/12    | 11/12    | 12/12    | 1/13     | 2/13     | 3/13     |
| Maximum activity                | 0.000089 | 0.000136 | 0.000106 | 0.000110 | 0.000101 | 0.000118 | 0.000162 | 0.000121 | 0.000136 | 0.000134 | 0.000134 | 0.000157 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0        | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      |

Licensee Comments: none

## Reactor Coolant System Leakage



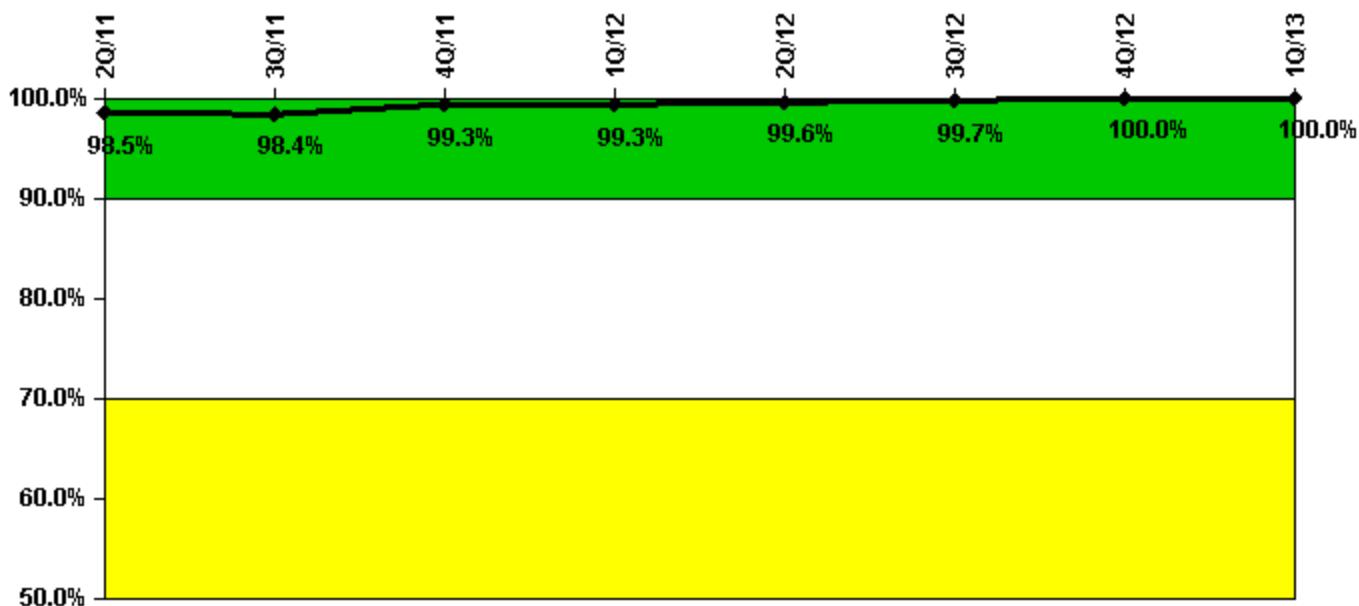
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Leakage | 4/11        | 5/11        | 6/11        | 7/11        | 8/11        | 9/11        | 10/11       | 11/11       | 12/11       | 1/12        | 2/12        | 3/12        |
|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Maximum leakage                | 3.300       | 3.600       | 3.700       | 3.500       | 3.500       | 3.400       | 3.500       | 3.500       | 3.300       | 3.300       | 3.200       | 3.800       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| <b>Indicator value</b>         | <b>13.2</b> | <b>14.4</b> | <b>14.8</b> | <b>14.0</b> | <b>14.0</b> | <b>13.6</b> | <b>14.0</b> | <b>14.0</b> | <b>13.2</b> | <b>13.2</b> | <b>12.8</b> | <b>15.2</b> |
| Reactor Coolant System Leakage | 4/12        | 5/12        | 6/12        | 7/12        | 8/12        | 9/12        | 10/12       | 11/12       | 12/12       | 1/13        | 2/13        | 3/13        |
| Maximum leakage                | 3.700       | 3.300       | 3.500       | 3.500       | 3.200       | 3.100       | 3.200       | 3.400       | 3.200       | 3.200       | 3.200       | 3.300       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| <b>Indicator value</b>         | <b>14.8</b> | <b>13.2</b> | <b>14.0</b> | <b>14.0</b> | <b>12.8</b> | <b>12.4</b> | <b>12.8</b> | <b>13.6</b> | <b>12.8</b> | <b>12.8</b> | <b>12.8</b> | <b>13.2</b> |

Licensee Comments: none

### Drill/Exercise Performance



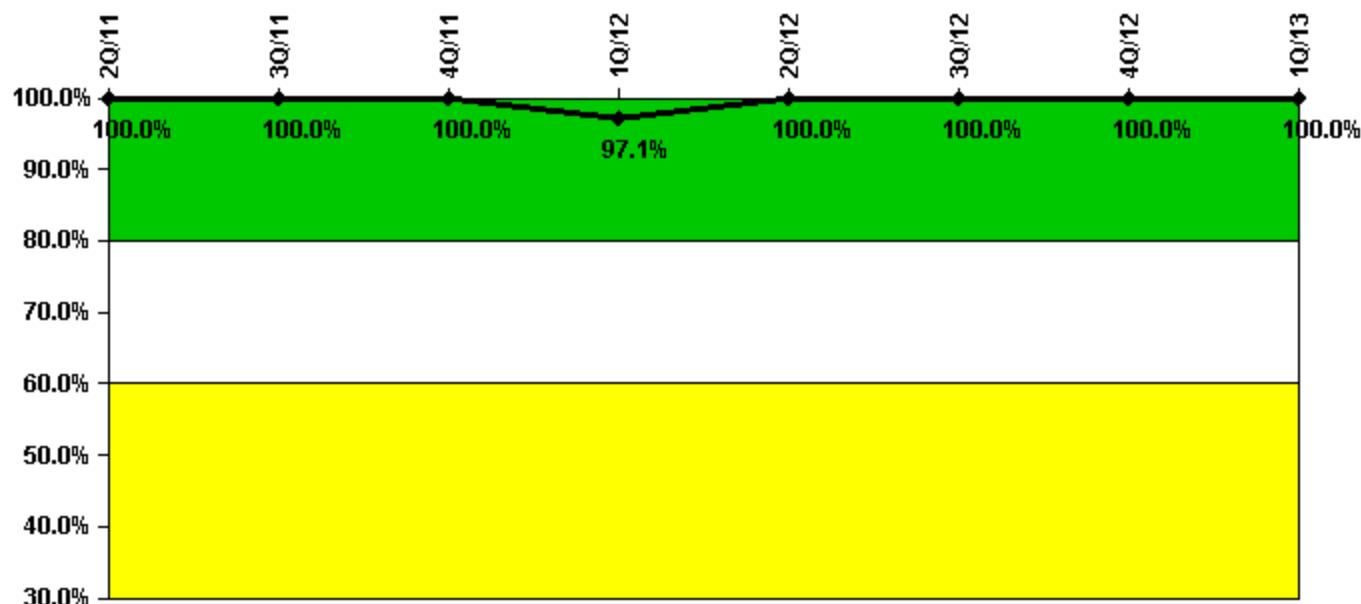
Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

| Drill/Exercise Performance | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12  | 1Q/13  |
|----------------------------|-------|-------|-------|-------|-------|-------|--------|--------|
| Successful opportunities   | 40.0  | 39.0  | 64.0  | 24.0  | 64.0  | 23.0  | 33.0   | 10.0   |
| Total opportunities        | 40.0  | 39.0  | 64.0  | 24.0  | 64.0  | 23.0  | 33.0   | 10.0   |
| Indicator value            | 98.5% | 98.4% | 99.3% | 99.3% | 99.6% | 99.7% | 100.0% | 100.0% |

Licensee Comments: none

### **ERO Drill Participation**



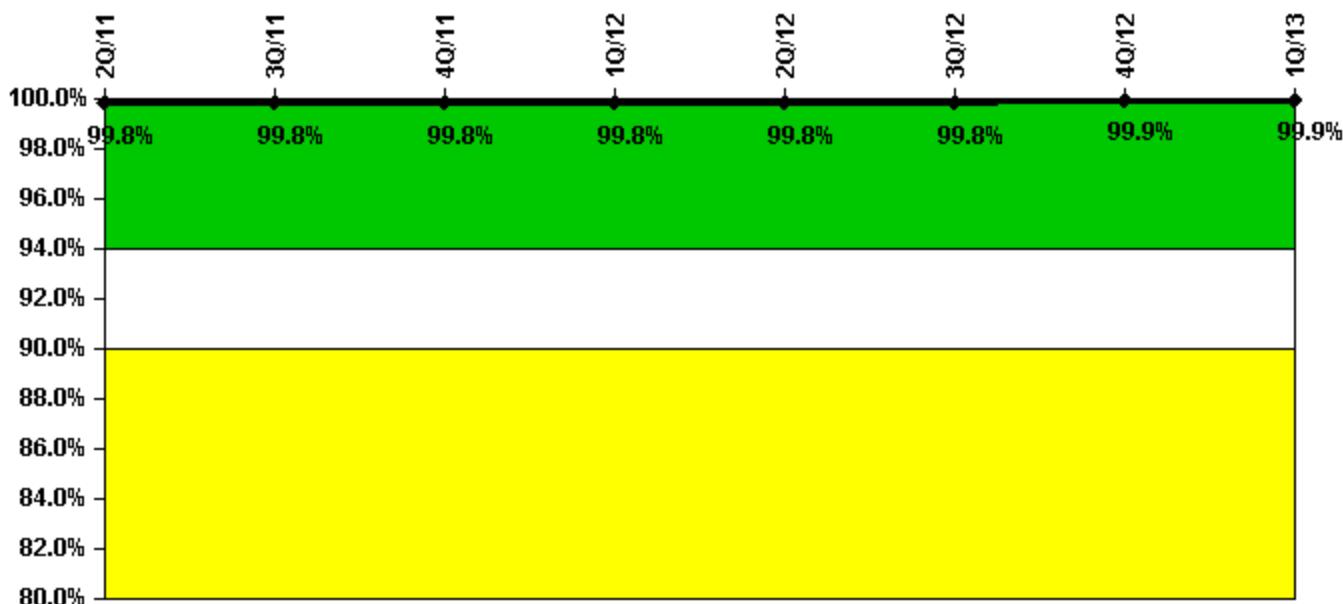
Thresholds: White < 80.0% Yellow < 60.0%

#### **Notes**

| <b>ERO Drill Participation</b> | <b>2Q/11</b>  | <b>3Q/11</b>  | <b>4Q/11</b>  | <b>1Q/12</b> | <b>2Q/12</b>  | <b>3Q/12</b>  | <b>4Q/12</b>  | <b>1Q/13</b>  |
|--------------------------------|---------------|---------------|---------------|--------------|---------------|---------------|---------------|---------------|
| Participating Key personnel    | 63.0          | 68.0          | 70.0          | 68.0         | 68.0          | 69.0          | 71.0          | 70.0          |
| Total Key personnel            | 63.0          | 68.0          | 70.0          | 70.0         | 68.0          | 69.0          | 71.0          | 70.0          |
| <b>Indicator value</b>         | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>97.1%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> |

Licensee Comments: none

## Alert & Notification System



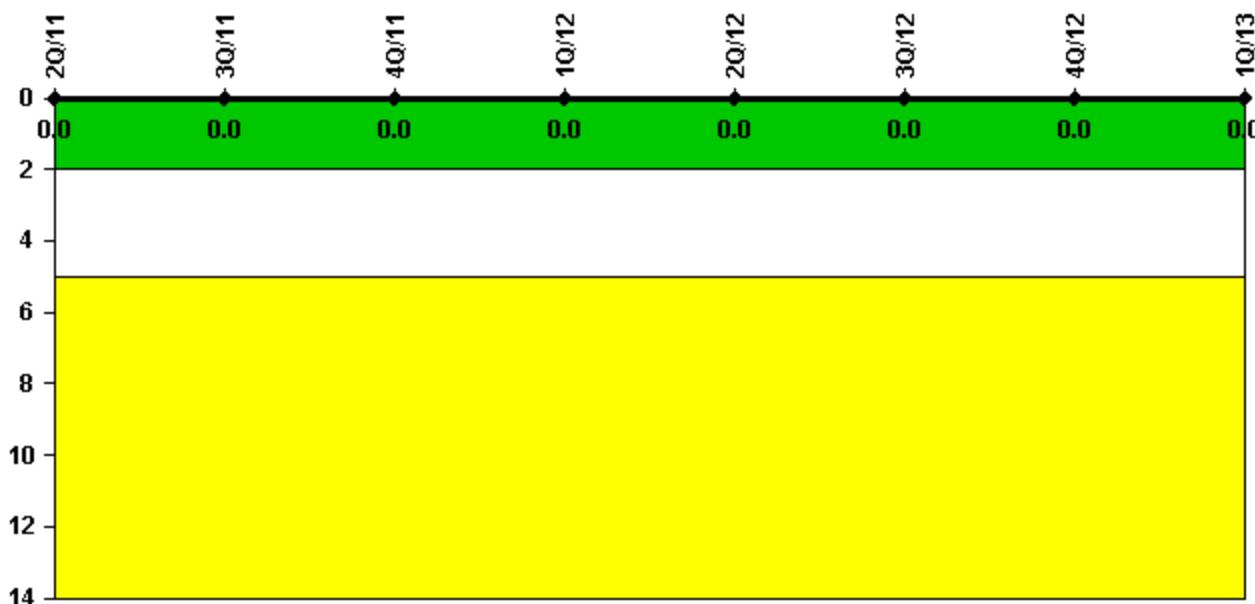
Thresholds: White < 94.0% Yellow < 90.0%

### Notes

| Alert & Notification System | 2Q/11        | 3Q/11        | 4Q/11        | 1Q/12        | 2Q/12        | 3Q/12        | 4Q/12        | 1Q/13        |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests      | 2170         | 2170         | 2171         | 2207         | 2172         | 2137         | 2175         | 2175         |
| Total sirens-tests          | 2176         | 2176         | 2176         | 2210         | 2176         | 2142         | 2176         | 2176         |
| <b>Indicator value</b>      | <b>99.8%</b> | <b>99.8%</b> | <b>99.8%</b> | <b>99.8%</b> | <b>99.8%</b> | <b>99.8%</b> | <b>99.9%</b> | <b>99.9%</b> |

Licensee Comments: none

## **Occupational Exposure Control Effectiveness**



Thresholds: White > 2.0 Yellow > 5.0

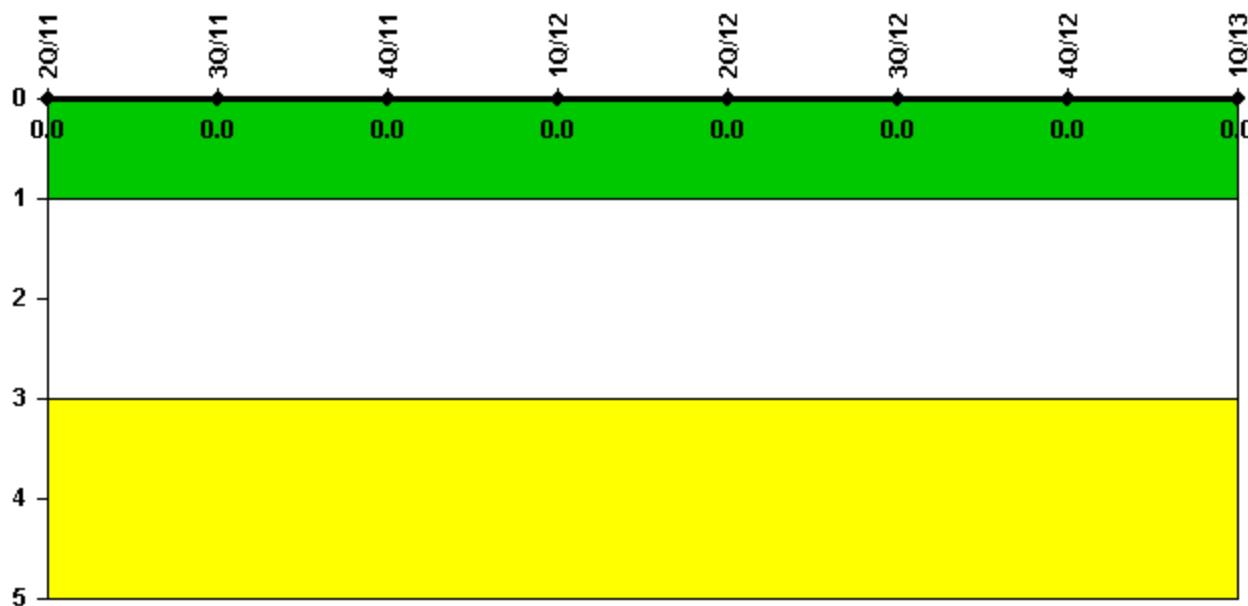
### **Notes**

| <b>Occupational Exposure Control Effectiveness</b> | <b>2Q/11</b> | <b>3Q/11</b> | <b>4Q/11</b> | <b>1Q/12</b> | <b>2Q/12</b> | <b>3Q/12</b> | <b>4Q/12</b> | <b>1Q/13</b> |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| High radiation area occurrences                    | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| Very high radiation area occurrences               | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| Unintended exposure occurrences                    | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| <b>Indicator value</b>                             | <b>0</b>     |

Licensee Comments: none

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## RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

### Notes

| RETS/ODCM Radiological Effluent | 2Q/11    | 3Q/11    | 4Q/11    | 1Q/12    | 2Q/12    | 3Q/12    | 4Q/12    | 1Q/13    |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| RETS/ODCM occurrences           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>          | <b>0</b> |

Licensee Comments: none

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Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

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[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

*Last Modified: April 23, 2013*

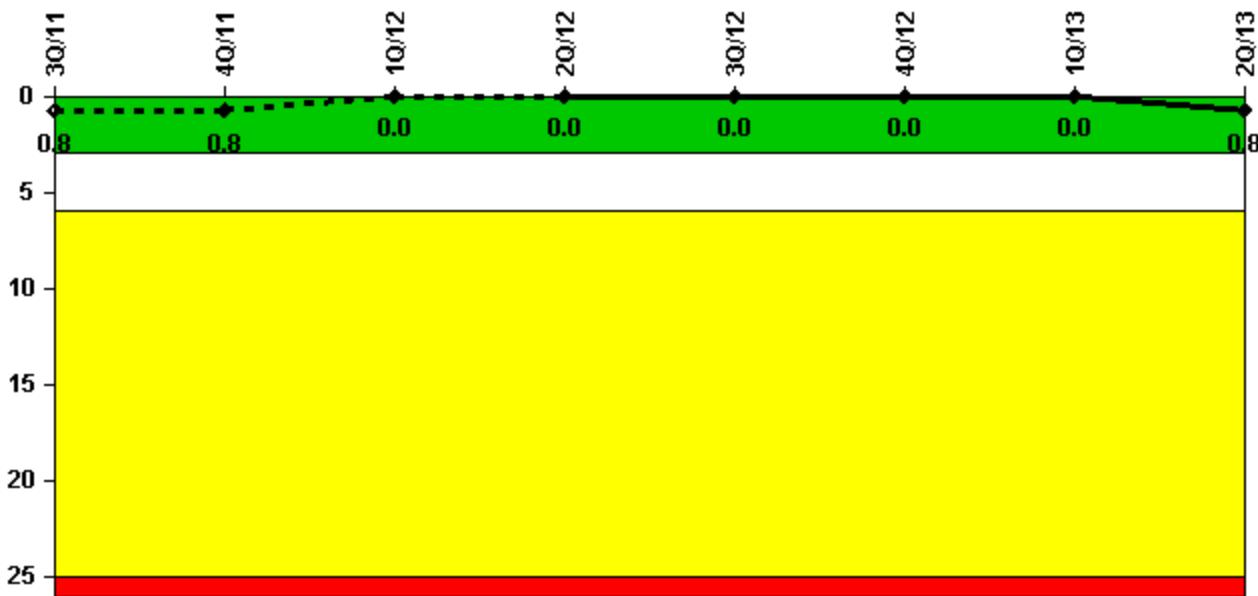
# La Salle 1

## 2Q/2013 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



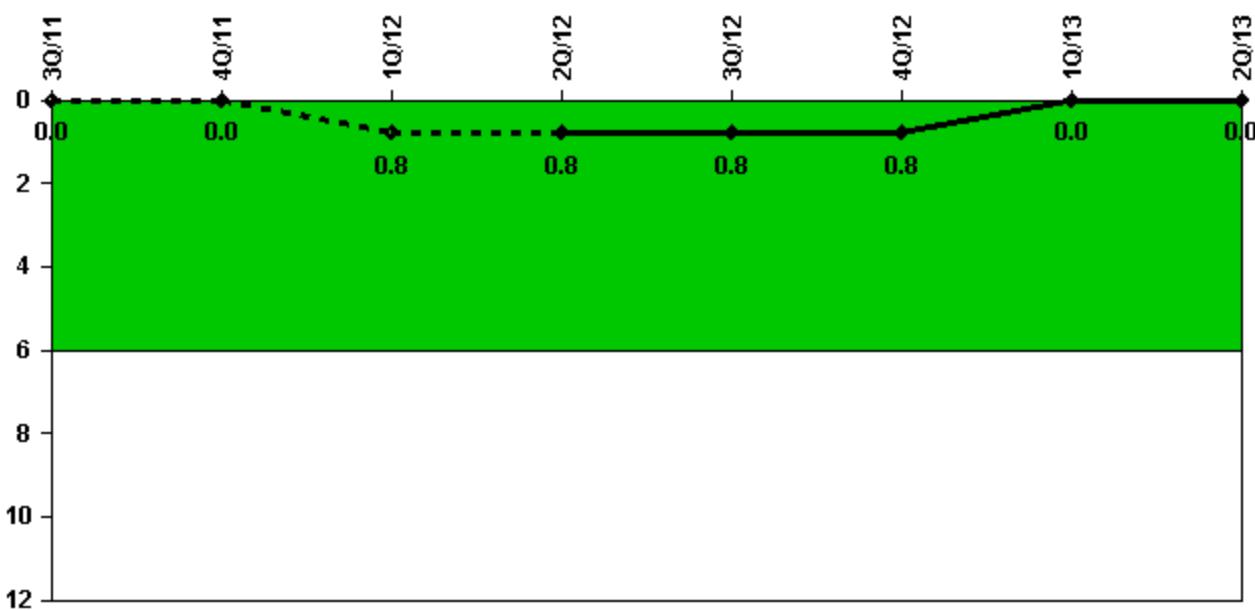
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

| Unplanned Scrams per 7000 Critical Hrs | 3Q/11      | 4Q/11      | 1Q/12    | 2Q/12    | 3Q/12    | 4Q/12    | 1Q/13    | 2Q/13      |
|--|------------|------------|----------|----------|----------|----------|----------|------------|
| Unplanned scrams                       | 0          | 0          | 0        | 0        | 0        | 0        | 0        | 1.0        |
| Critical hours                         | 2208.0     | 2209.0     | 1634.4   | 2184.0   | 2208.0   | 2209.0   | 2159.0   | 1896.5     |
| Indicator value                        | <b>0.8</b> | <b>0.8</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0.8</b> |

Licensee Comments: none

### Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

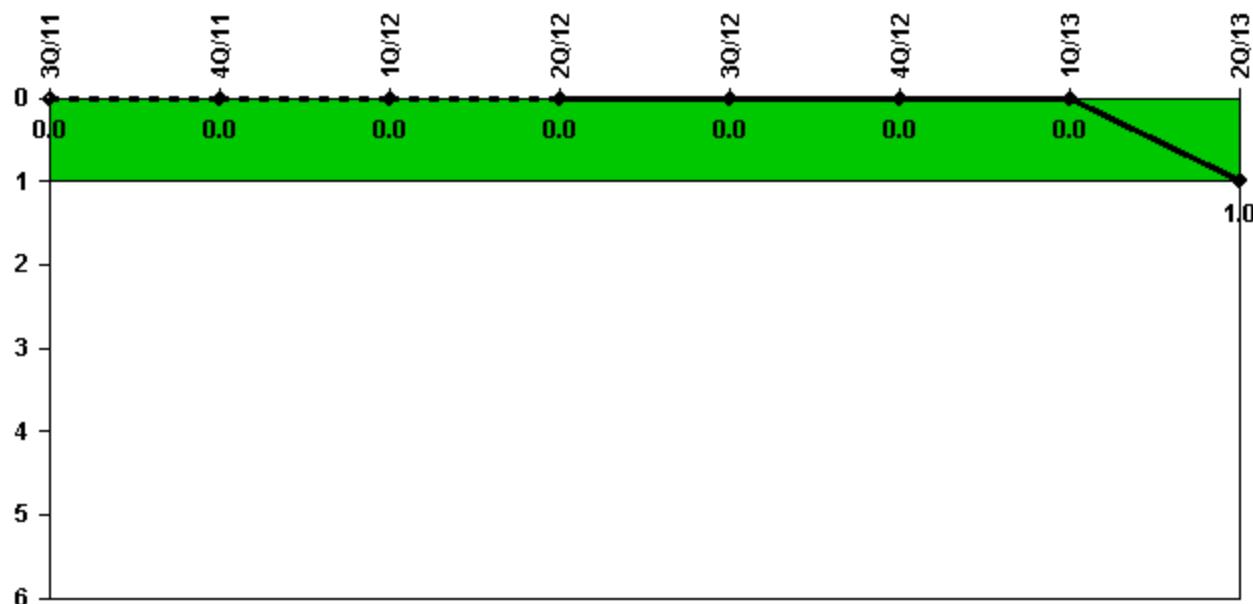
#### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 3Q/11    | 4Q/11    | 1Q/12      | 2Q/12      | 3Q/12      | 4Q/12      | 1Q/13    | 2Q/13    |
|---|----------|----------|------------|------------|------------|------------|----------|----------|
| Unplanned power changes                       | 0        | 0        | 1.0        | 0          | 0          | 0          | 0        | 0        |
| Critical hours                                | 2208.0   | 2209.0   | 1634.4     | 2184.0     | 2208.0     | 2209.0     | 2159.0   | 1896.5   |
| <b>Indicator value</b>                        | <b>0</b> | <b>0</b> | <b>0.8</b> | <b>0.8</b> | <b>0.8</b> | <b>0.8</b> | <b>0</b> | <b>0</b> |

Licensee Comments: none

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### **Unplanned Scrams with Complications**



Thresholds: White > 1.0

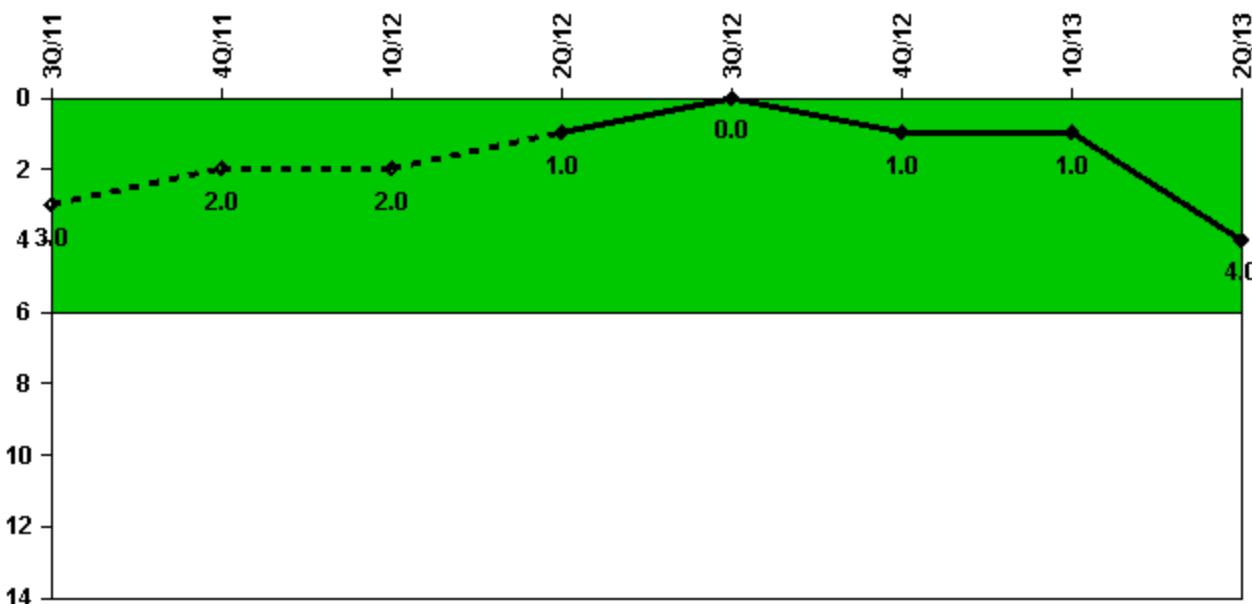
#### **Notes**

| <b>Unplanned Scrams with Complications</b> | <b>3Q/11</b> | <b>4Q/11</b> | <b>1Q/12</b> | <b>2Q/12</b> | <b>3Q/12</b> | <b>4Q/12</b> | <b>1Q/13</b> | <b>2Q/13</b> |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Scrams with complications                  | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1.0          |
|  |              |              |              |              |              |              |              |              |
|  |              |              |              |              |              |              |              |              |
| <b>Indicator value</b>                     | <b>0.0</b>   | <b>1.0</b>   |

Licensee Comments: none

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## Safety System Functional Failures (BWR)



Thresholds: White > 6.0

### Notes

| Safety System Functional Failures (BWR) | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures       | 1     | 0     | 0     | 0     | 0     | 1     | 0     | 3     |
| Indicator value                         | 3     | 2     | 2     | 1     | 0     | 1     | 1     | 4     |

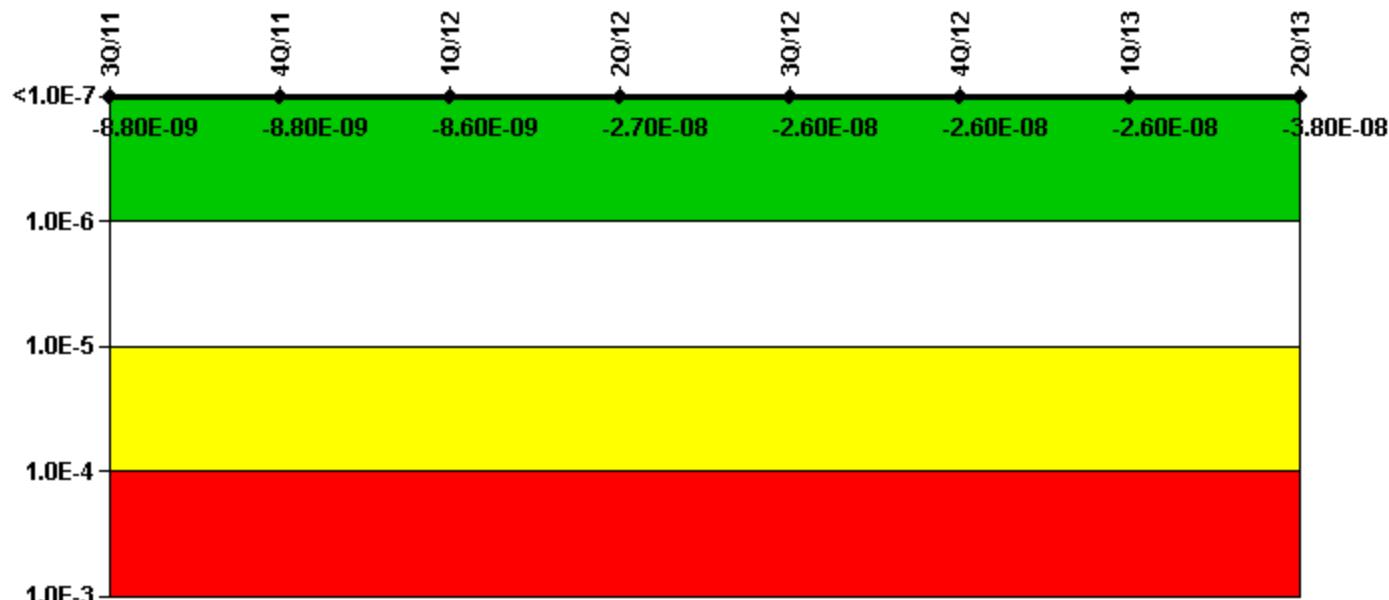
Licensee Comments:

2Q/13: LERs 373-2013-001, 373-2013-002, and 373-2013-003

4Q/12: LER 373-2012-001-00

3Q/11: LER 373-11004

## Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

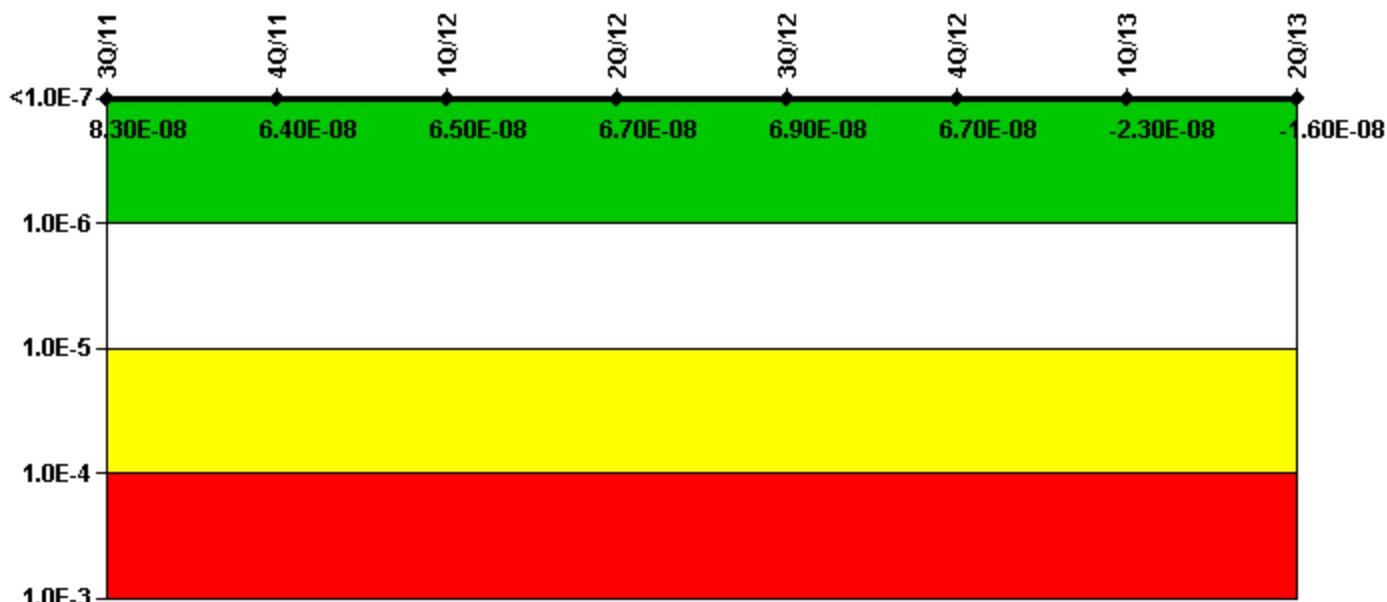
### Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 3Q/11            | 4Q/11            | 1Q/12            | 2Q/12            | 3Q/12            | 4Q/12            | 1Q/13            | 2Q/13            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)   | -3.99E-09        | -3.99E-09        | -3.99E-09        | -4.09E-09        | -4.09E-09        | -4.09E-09        | -4.09E-09        | -6.29E-09        |
| URI ( $\Delta$ CDF)   | -4.81E-09        | -4.81E-09        | -4.61E-09        | -2.24E-08        | -2.22E-08        | -2.20E-08        | -2.18E-08        | -3.17E-08        |
| PLE   | NO               |
| Indicator value   | <b>-8.80E-09</b> | <b>-8.80E-09</b> | <b>-8.60E-09</b> | <b>-2.70E-08</b> | <b>-2.60E-08</b> | <b>-2.60E-08</b> | <b>-2.60E-08</b> | <b>-3.80E-08</b> |

### Licensee Comments:

2Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

## Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

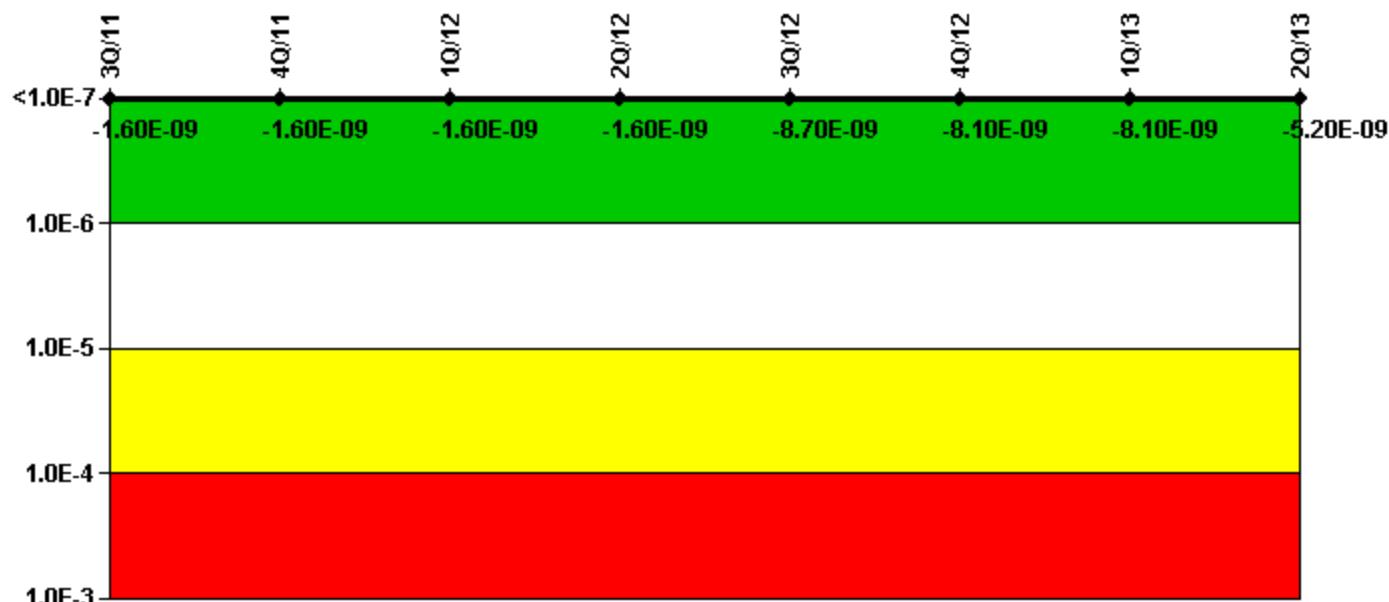
### Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 3Q/11           | 4Q/11           | 1Q/12           | 2Q/12           | 3Q/12           | 4Q/12           | 1Q/13            | 2Q/13            |
|--|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|------------------|
| UAI ( $\Delta$ CDF)  | 1.94E-09        | 1.39E-09        | 1.80E-09        | 2.36E-09        | 3.16E-09        | 1.95E-10        | -2.20E-09        | -1.43E-09        |
| URI ( $\Delta$ CDF)  | 8.12E-08        | 6.24E-08        | 6.34E-08        | 6.44E-08        | 6.54E-08        | 6.64E-08        | -2.10E-08        | -1.45E-08        |
| PLE  | NO               | NO               |
| Indicator value  | <b>8.30E-08</b> | <b>6.40E-08</b> | <b>6.50E-08</b> | <b>6.70E-08</b> | <b>6.90E-08</b> | <b>6.70E-08</b> | <b>-2.30E-08</b> | <b>-1.60E-08</b> |

### Licensee Comments:

2Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

## Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

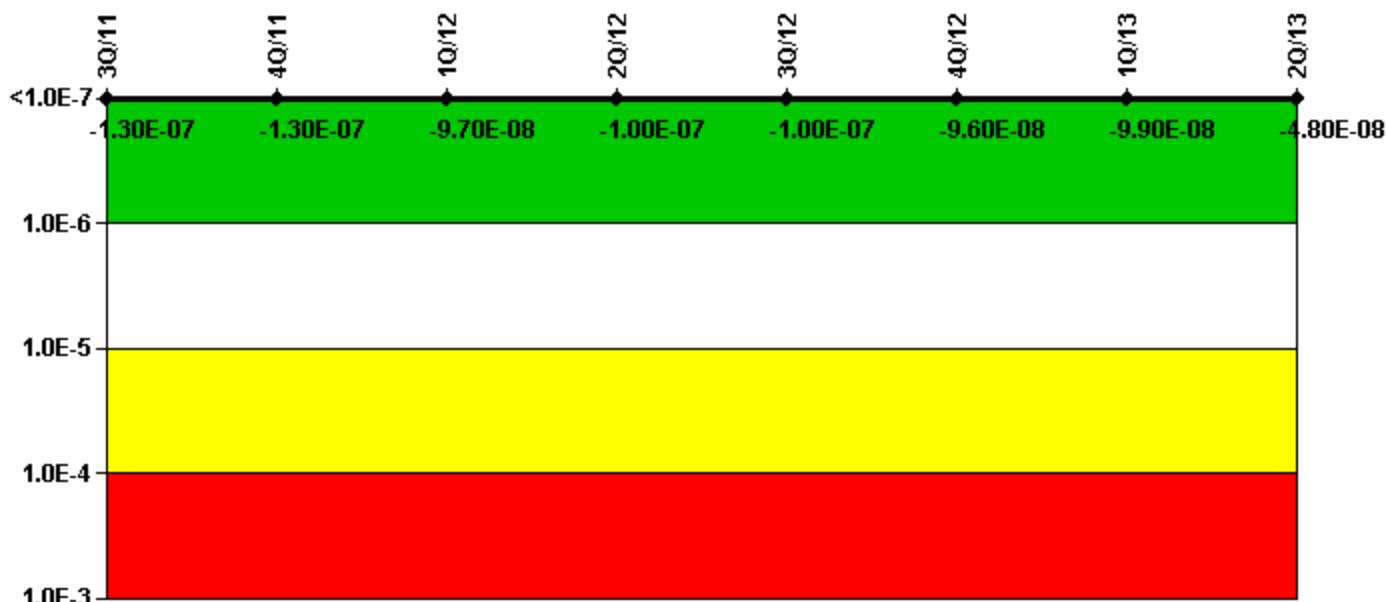
### Notes

| Mitigating Systems Performance Index, Heat Removal System | 3Q/11            | 4Q/11            | 1Q/12            | 2Q/12            | 3Q/12            | 4Q/12            | 1Q/13            | 2Q/13            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)                                       | -1.42E-09        | -1.42E-09        | -1.39E-09        | -1.39E-09        | -1.89E-09        | -1.29E-09        | -1.33E-09        | -5.62E-10        |
| URI ( $\Delta$ CDF)                                       | -2.03E-10        | -2.03E-10        | -2.03E-10        | -2.03E-10        | -6.79E-09        | -6.79E-09        | -6.79E-09        | -4.66E-09        |
| PLE   | NO               |
| Indicator value   | <b>-1.60E-09</b> | <b>-1.60E-09</b> | <b>-1.60E-09</b> | <b>-1.60E-09</b> | <b>-8.70E-09</b> | <b>-8.10E-09</b> | <b>-8.10E-09</b> | <b>-5.20E-09</b> |

### Licensee Comments:

2Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

## Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

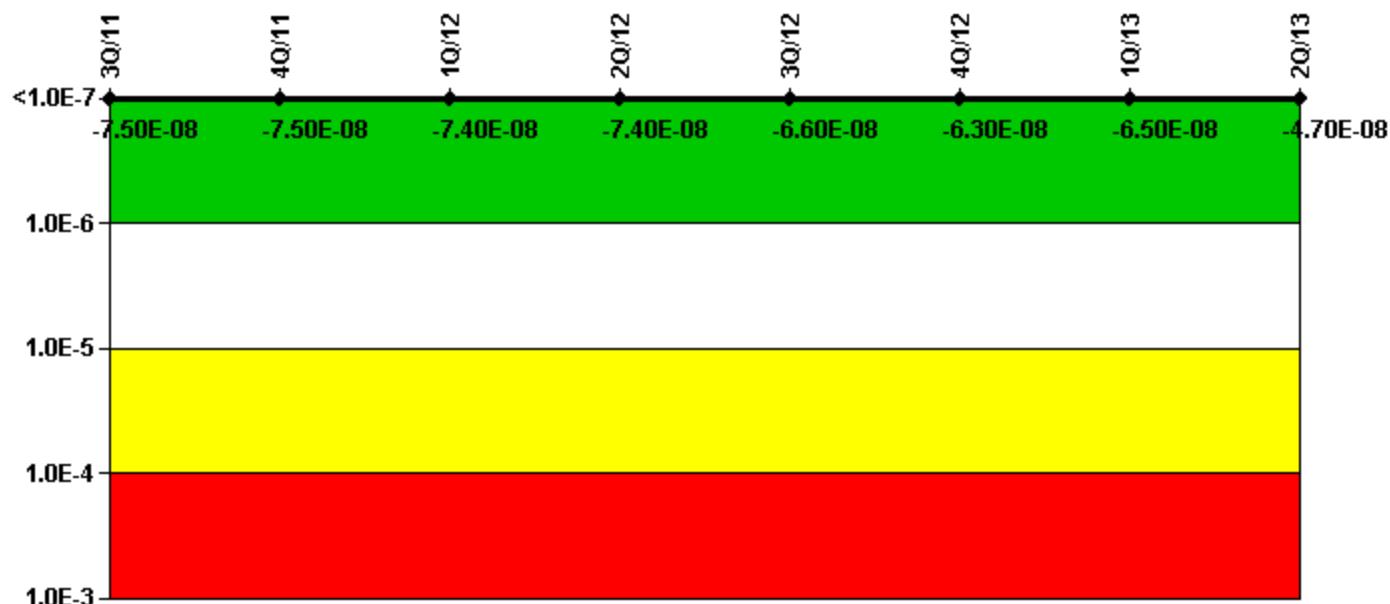
### Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 3Q/11            | 4Q/11            | 1Q/12            | 2Q/12            | 3Q/12            | 4Q/12            | 1Q/13            | 2Q/13            |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)  | -4.90E-08        | -4.90E-08        | -1.30E-08        | -1.79E-08        | -1.81E-08        | -1.17E-08        | -1.41E-08        | 1.32E-09         |
| URI ( $\Delta$ CDF)  | -8.44E-08        | -4.94E-08        |
| PLE  | NO               |
| Indicator value  | <b>-1.30E-07</b> | <b>-1.30E-07</b> | <b>-9.70E-08</b> | <b>-1.00E-07</b> | <b>-1.00E-07</b> | <b>-9.60E-08</b> | <b>-9.90E-08</b> | <b>-4.80E-08</b> |

### Licensee Comments:

2Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

## Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

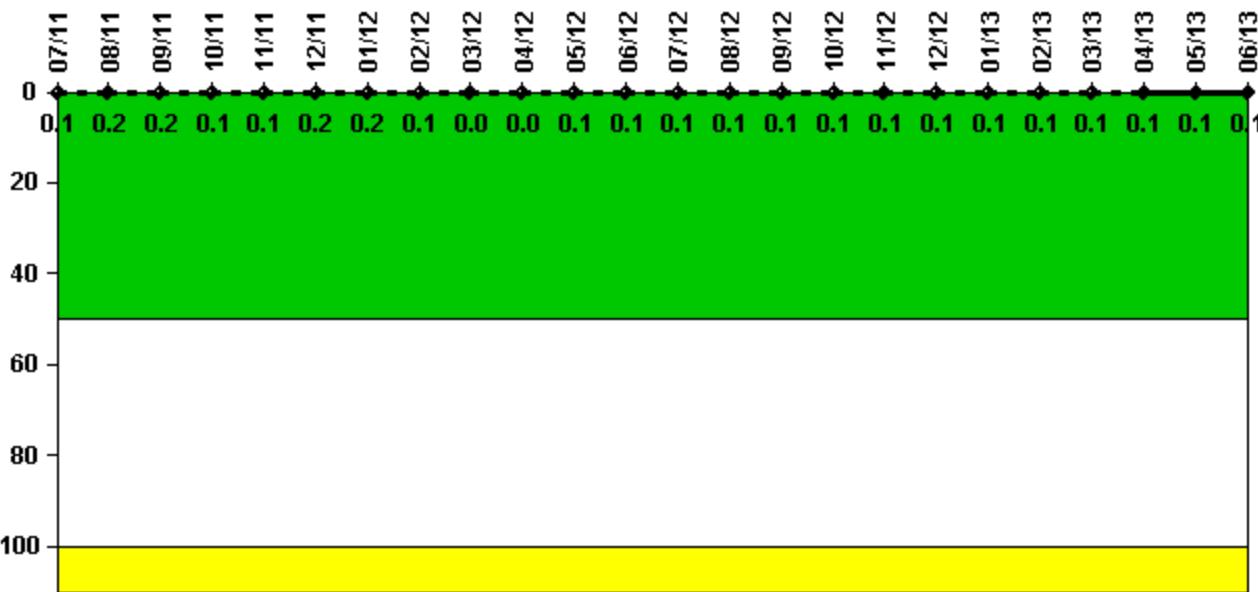
### Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 3Q/11            | 4Q/11            | 1Q/12            | 2Q/12            | 3Q/12            | 4Q/12            | 1Q/13            | 2Q/13            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)   | 3.00E-08         | 3.00E-08         | 3.10E-08         | 3.10E-08         | 3.84E-08         | 4.13E-08         | 3.99E-08         | 1.63E-08         |
| URI ( $\Delta$ CDF)   | -1.05E-07        | -6.33E-08        |
| PLE   | NO               |
| <b>Indicator value</b>                                      | <b>-7.50E-08</b> | <b>-7.50E-08</b> | <b>-7.40E-08</b> | <b>-7.40E-08</b> | <b>-6.60E-08</b> | <b>-6.30E-08</b> | <b>-6.50E-08</b> | <b>-4.70E-08</b> |

### Licensee Comments:

2Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

## Reactor Coolant System Activity



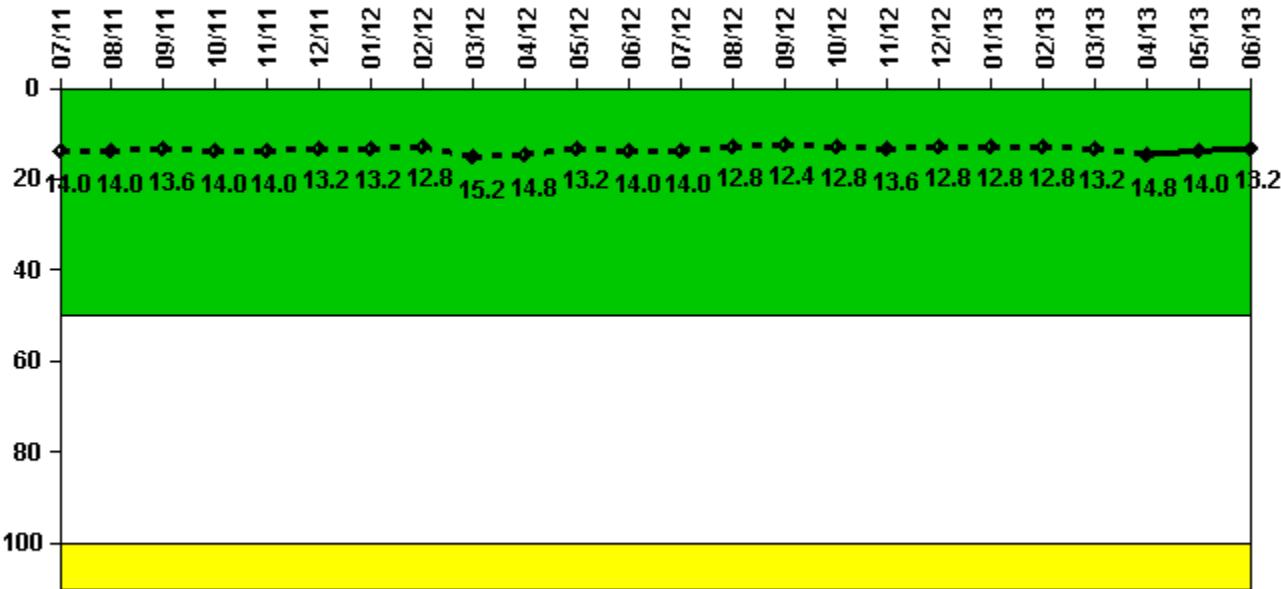
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Activity | 7/11     | 8/11     | 9/11     | 10/11    | 11/11    | 12/11    | 1/12     | 2/12     | 3/12     | 4/12     | 5/12     | 6/12     |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity                | 0.000292 | 0.000341 | 0.000458 | 0.000292 | 0.000249 | 0.000323 | 0.000306 | 0.000292 | 0.000081 | 0.000089 | 0.000136 | 0.000106 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0.1      | 0.2      | 0.2      | 0.1      | 0.1      | 0.2      | 0.2      | 0.1      | 0        | 0        | 0.1      | 0.1      |
| Reactor Coolant System Activity | 7/12     | 8/12     | 9/12     | 10/12    | 11/12    | 12/12    | 1/13     | 2/13     | 3/13     | 4/13     | 5/13     | 6/13     |
| Maximum activity                | 0.000110 | 0.000101 | 0.000118 | 0.000162 | 0.000121 | 0.000136 | 0.000134 | 0.000134 | 0.000157 | 0.000159 | 0.000149 | 0.000178 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      |

Licensee Comments: none

## Reactor Coolant System Leakage



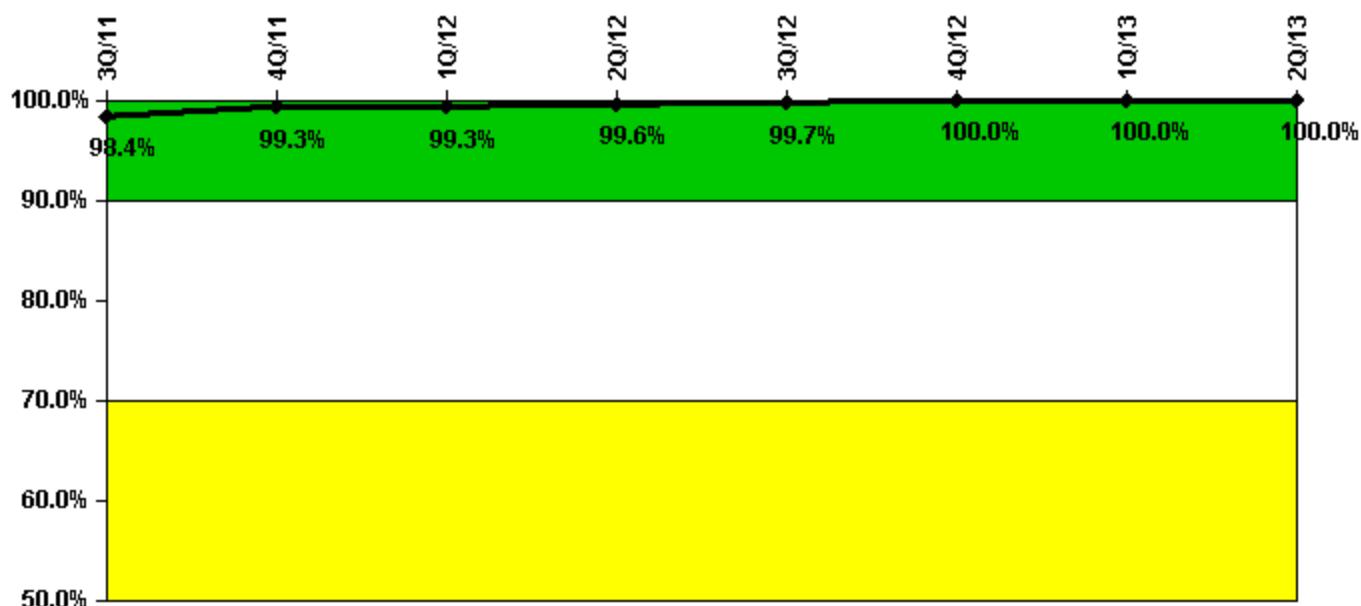
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Leakage | 7/11        | 8/11        | 9/11        | 10/11       | 11/11       | 12/11       | 1/12        | 2/12        | 3/12        | 4/12        | 5/12        | 6/12        |
|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Maximum leakage                | 3.500       | 3.500       | 3.400       | 3.500       | 3.500       | 3.300       | 3.300       | 3.200       | 3.800       | 3.700       | 3.300       | 3.500       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| <b>Indicator value</b>         | <b>14.0</b> | <b>14.0</b> | <b>13.6</b> | <b>14.0</b> | <b>14.0</b> | <b>13.2</b> | <b>13.2</b> | <b>12.8</b> | <b>15.2</b> | <b>14.8</b> | <b>13.2</b> | <b>14.0</b> |
| Reactor Coolant System Leakage | 7/12        | 8/12        | 9/12        | 10/12       | 11/12       | 12/12       | 1/13        | 2/13        | 3/13        | 4/13        | 5/13        | 6/13        |
| Maximum leakage                | 3.500       | 3.200       | 3.100       | 3.200       | 3.400       | 3.200       | 3.200       | 3.200       | 3.300       | 3.700       | 3.500       | 3.300       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| <b>Indicator value</b>         | <b>14.0</b> | <b>12.8</b> | <b>12.4</b> | <b>12.8</b> | <b>13.6</b> | <b>12.8</b> | <b>12.8</b> | <b>12.8</b> | <b>13.2</b> | <b>14.8</b> | <b>14.0</b> | <b>13.2</b> |

Licensee Comments: none

### **Drill/Exercise Performance**



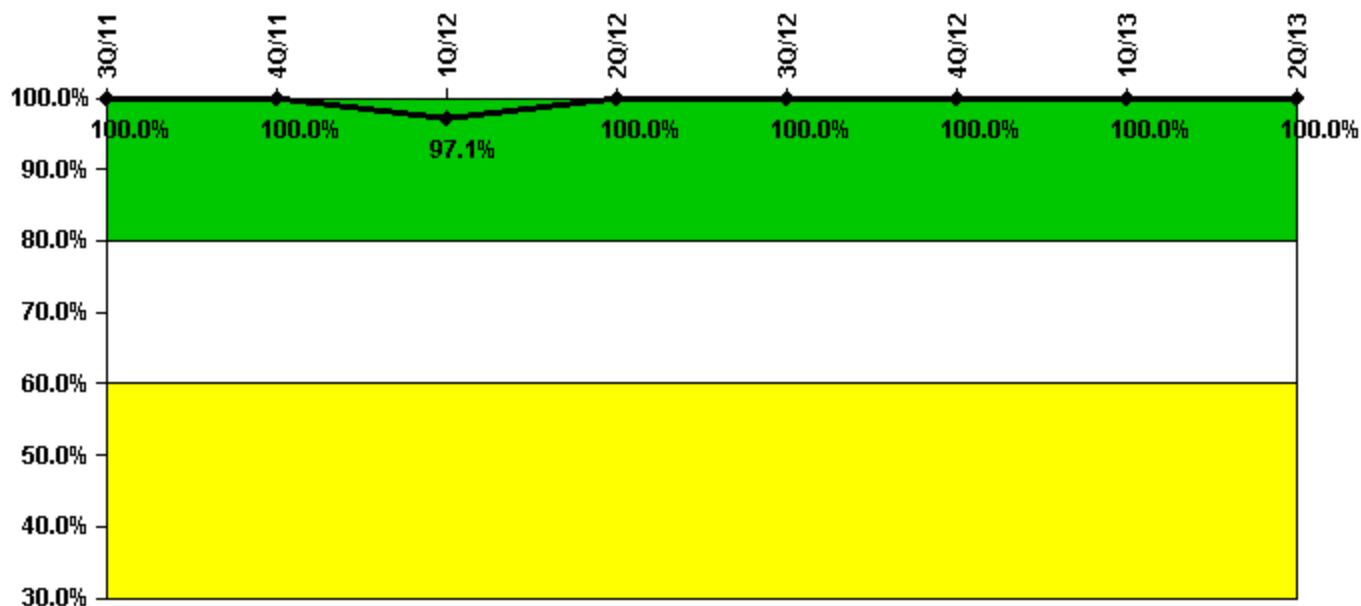
Thresholds: White < 90.0% Yellow < 70.0%

#### **Notes**

| Drill/Exercise Performance | 3Q/11        | 4Q/11        | 1Q/12        | 2Q/12        | 3Q/12        | 4Q/12         | 1Q/13         | 2Q/13         |
|----------------------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|
| Successful opportunities   | 39.0         | 64.0         | 24.0         | 64.0         | 23.0         | 33.0          | 10.0          | 49.0          |
| Total opportunities        | 39.0         | 64.0         | 24.0         | 64.0         | 23.0         | 33.0          | 10.0          | 49.0          |
| <b>Indicator value</b>     | <b>98.4%</b> | <b>99.3%</b> | <b>99.3%</b> | <b>99.6%</b> | <b>99.7%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> |

Licensee Comments: none

### **ERO Drill Participation**



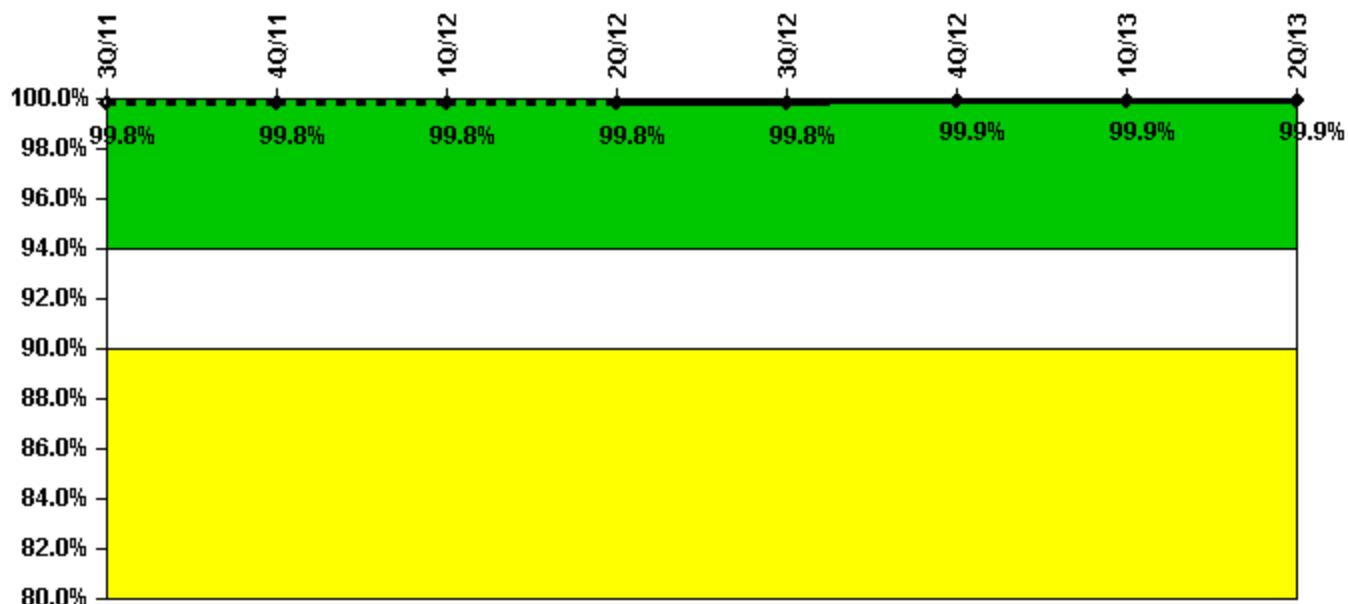
Thresholds: White < 80.0% Yellow < 60.0%

#### **Notes**

| <b>ERO Drill Participation</b> | <b>3Q/11</b>  | <b>4Q/11</b>  | <b>1Q/12</b> | <b>2Q/12</b>  | <b>3Q/12</b>  | <b>4Q/12</b>  | <b>1Q/13</b>  | <b>2Q/13</b>  |
|--------------------------------|---------------|---------------|--------------|---------------|---------------|---------------|---------------|---------------|
| Participating Key personnel    | 68.0          | 70.0          | 68.0         | 68.0          | 69.0          | 71.0          | 70.0          | 68.0          |
| Total Key personnel            | 68.0          | 70.0          | 70.0         | 68.0          | 69.0          | 71.0          | 70.0          | 68.0          |
| <b>Indicator value</b>         | <b>100.0%</b> | <b>100.0%</b> | <b>97.1%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> |

Licensee Comments: none

## Alert & Notification System



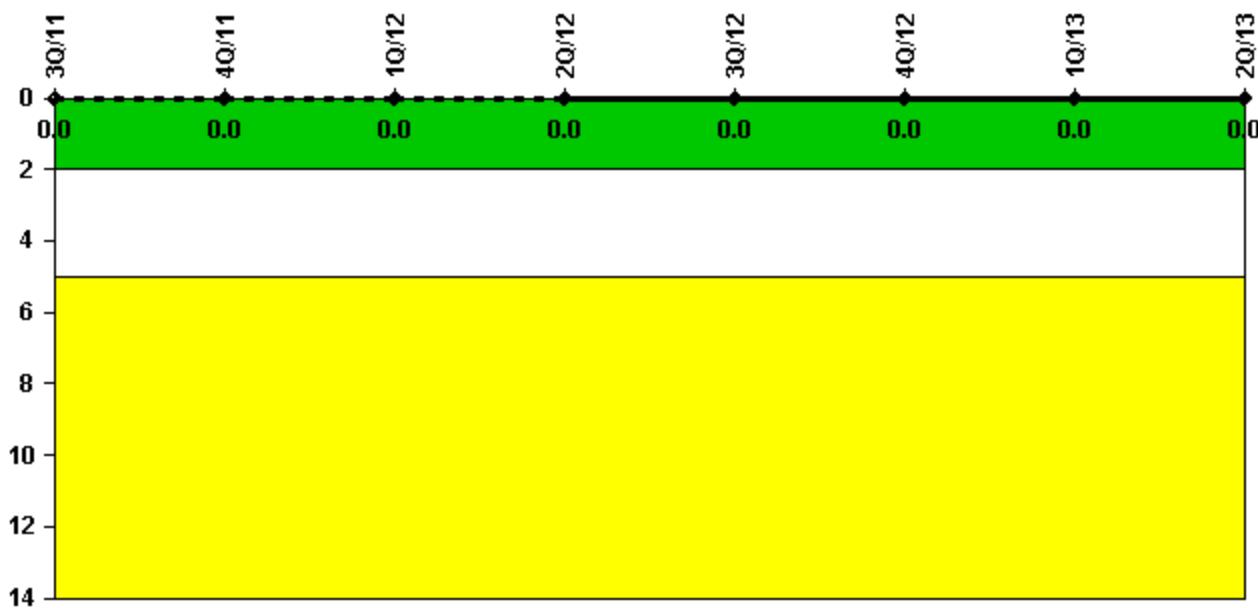
Thresholds: White < 94.0% Yellow < 90.0%

### Notes

| Alert & Notification System | 3Q/11        | 4Q/11        | 1Q/12        | 2Q/12        | 3Q/12        | 4Q/12        | 1Q/13        | 2Q/13        |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests      | 2170         | 2171         | 2207         | 2172         | 2137         | 2175         | 2175         | 2170         |
| Total sirens-tests          | 2176         | 2176         | 2210         | 2176         | 2142         | 2176         | 2176         | 2176         |
| <b>Indicator value</b>      | <b>99.8%</b> | <b>99.8%</b> | <b>99.8%</b> | <b>99.8%</b> | <b>99.8%</b> | <b>99.9%</b> | <b>99.9%</b> | <b>99.9%</b> |

Licensee Comments: none

## **Occupational Exposure Control Effectiveness**



Thresholds: White > 2.0 Yellow > 5.0

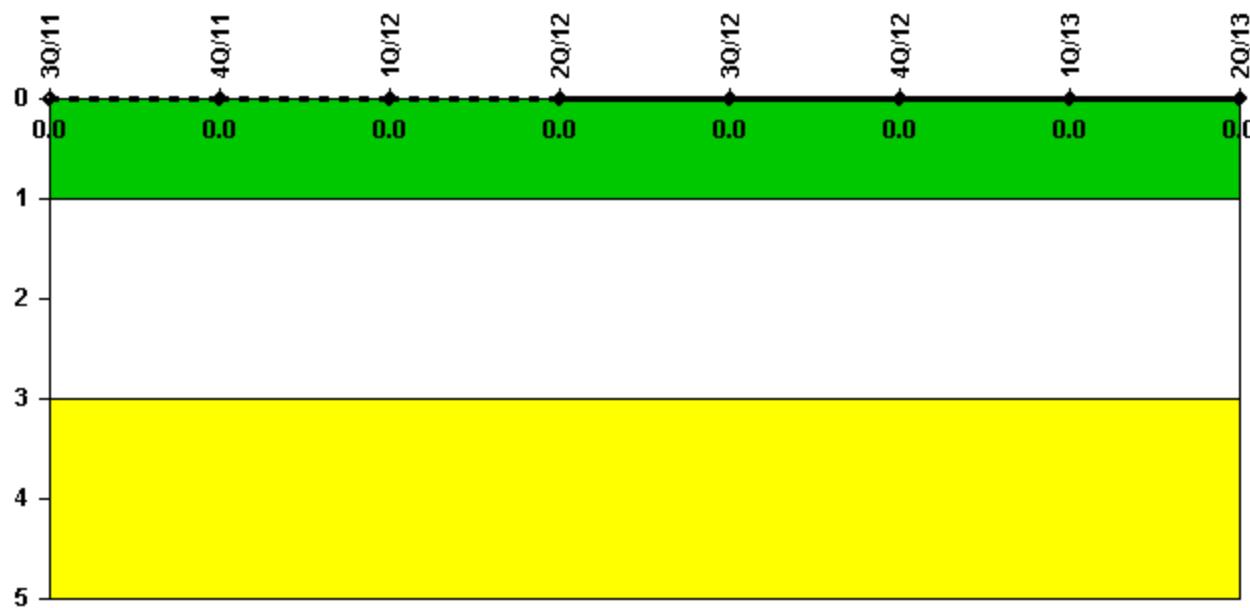
### **Notes**

| <b>Occupational Exposure Control Effectiveness</b> | <b>3Q/11</b> | <b>4Q/11</b> | <b>1Q/12</b> | <b>2Q/12</b> | <b>3Q/12</b> | <b>4Q/12</b> | <b>1Q/13</b> | <b>2Q/13</b> |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| High radiation area occurrences                    | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| Very high radiation area occurrences               | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| Unintended exposure occurrences                    | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| <b>Indicator value</b>                             | <b>0</b>     |

Licensee Comments: none

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## RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

### Notes

| RETS/ODCM Radiological Effluent | 3Q/11    | 4Q/11    | 1Q/12    | 2Q/12    | 3Q/12    | 4Q/12    | 1Q/13    | 2Q/13    |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| RETS/ODCM occurrences           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>          | <b>0</b> |

Licensee Comments: none

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Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

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[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

*Last Modified: August 19, 2013*

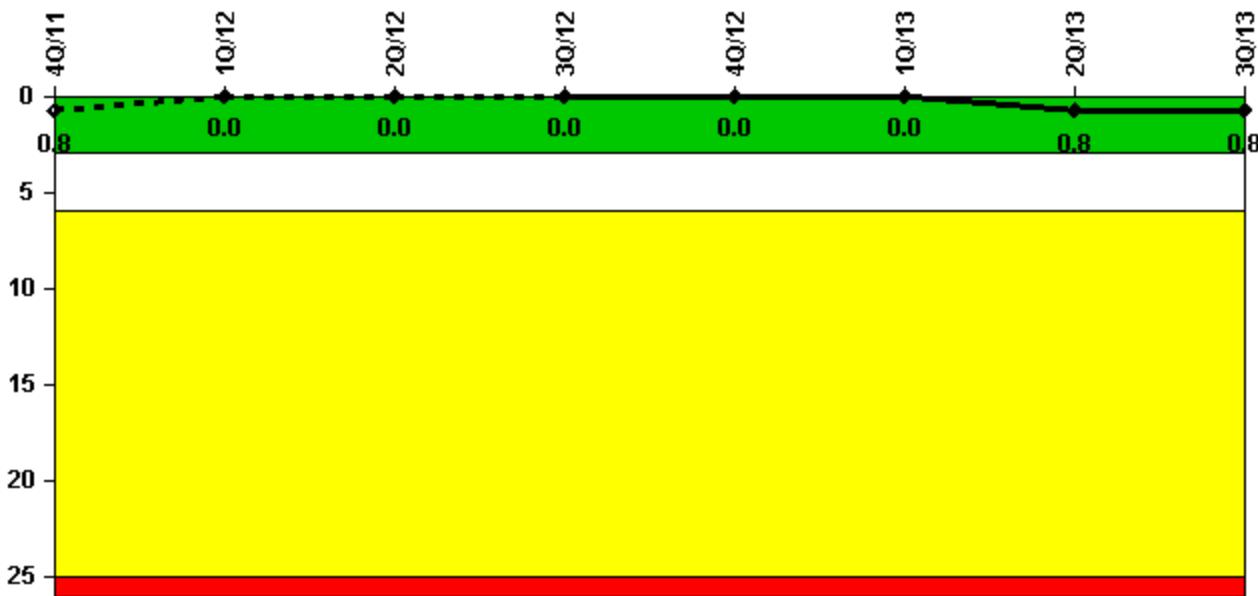
# La Salle 1

## 3Q/2013 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



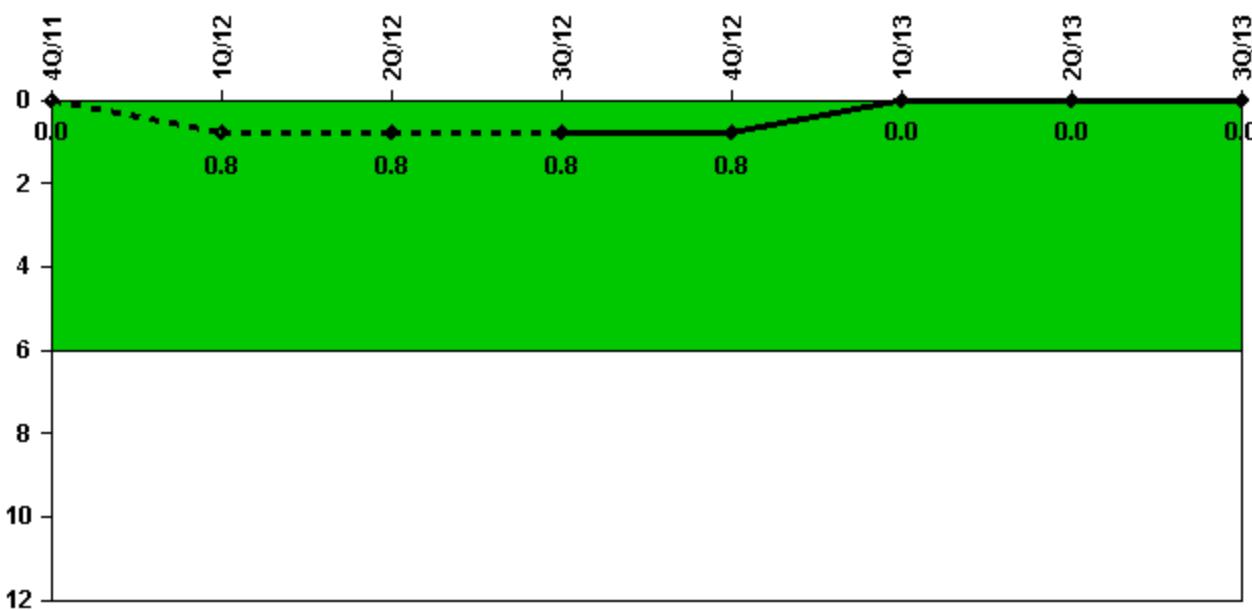
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

| Unplanned Scrams per 7000 Critical Hrs | 4Q/11      | 1Q/12    | 2Q/12    | 3Q/12    | 4Q/12    | 1Q/13    | 2Q/13      | 3Q/13      |
|--|------------|----------|----------|----------|----------|----------|------------|------------|
| Unplanned scrams                       | 0          | 0        | 0        | 0        | 0        | 0        | 1.0        | 0          |
| Critical hours                         | 2209.0     | 1634.4   | 2184.0   | 2208.0   | 2209.0   | 2159.0   | 1896.5     | 2208.0     |
| Indicator value                        | <b>0.8</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0.8</b> | <b>0.8</b> |

Licensee Comments: none

### Unplanned Power Changes per 7000 Critical Hrs



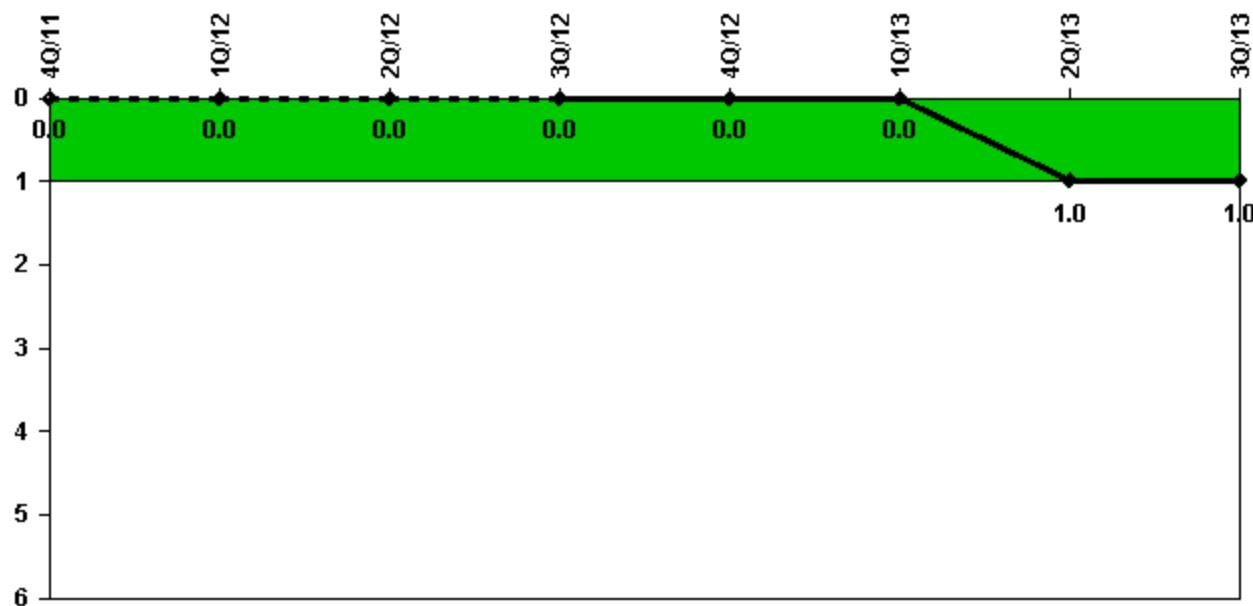
Thresholds: White > 6.0

#### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 4Q/11    | 1Q/12      | 2Q/12      | 3Q/12      | 4Q/12      | 1Q/13    | 2Q/13    | 3Q/13    |
|---|----------|------------|------------|------------|------------|----------|----------|----------|
| Unplanned power changes                       | 0        | 1.0        | 0          | 0          | 0          | 0        | 0        | 0        |
| Critical hours                                | 2209.0   | 1634.4     | 2184.0     | 2208.0     | 2209.0     | 2159.0   | 1896.5   | 2208.0   |
| <b>Indicator value</b>                        | <b>0</b> | <b>0.8</b> | <b>0.8</b> | <b>0.8</b> | <b>0.8</b> | <b>0</b> | <b>0</b> | <b>0</b> |

Licensee Comments: none

### **Unplanned Scrams with Complications**



Thresholds: White > 1.0

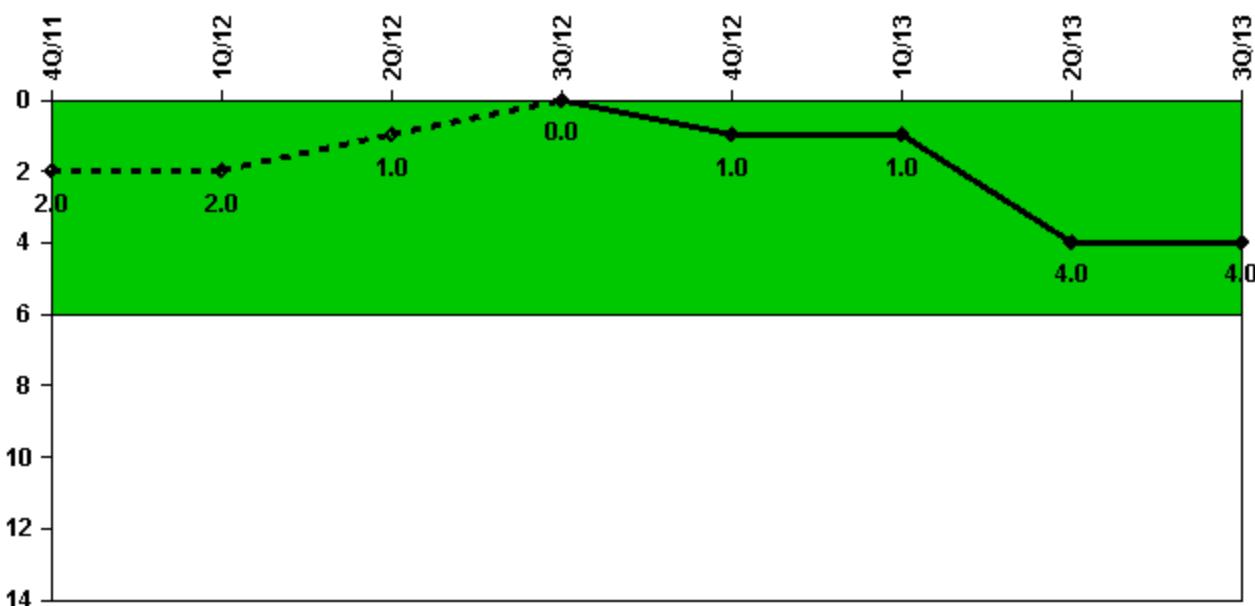
#### **Notes**

| <b>Unplanned Scrams with Complications</b> | <b>4Q/11</b> | <b>1Q/12</b> | <b>2Q/12</b> | <b>3Q/12</b> | <b>4Q/12</b> | <b>1Q/13</b> | <b>2Q/13</b> | <b>3Q/13</b> |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Scrams with complications                  | 0            | 0            | 0            | 0            | 0            | 0            | 1.0          | 0            |
|  |              |              |              |              |              |              |              |              |
|  |              |              |              |              |              |              |              |              |
| <b>Indicator value</b>                     | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>1.0</b>   | <b>1.0</b>   |

Licensee Comments: none

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### **Safety System Functional Failures (BWR)**



Thresholds: White > 6.0

#### **Notes**

| <b>Safety System Functional Failures (BWR)</b> | <b>4Q/11</b> | <b>1Q/12</b> | <b>2Q/12</b> | <b>3Q/12</b> | <b>4Q/12</b> | <b>1Q/13</b> | <b>2Q/13</b> | <b>3Q/13</b> |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Safety System Functional Failures              | 0            | 0            | 0            | 0            | 1            | 0            | 3            | 0            |
| <b>Indicator value</b>                         | <b>2</b>     | <b>2</b>     | <b>1</b>     | <b>0</b>     | <b>1</b>     | <b>1</b>     | <b>4</b>     | <b>4</b>     |

Licensee Comments:

2Q/13: LERs 373-2013-001, 373-2013-002, and 373-2013-003

4Q/12: LER 373-2012-001-00

## Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

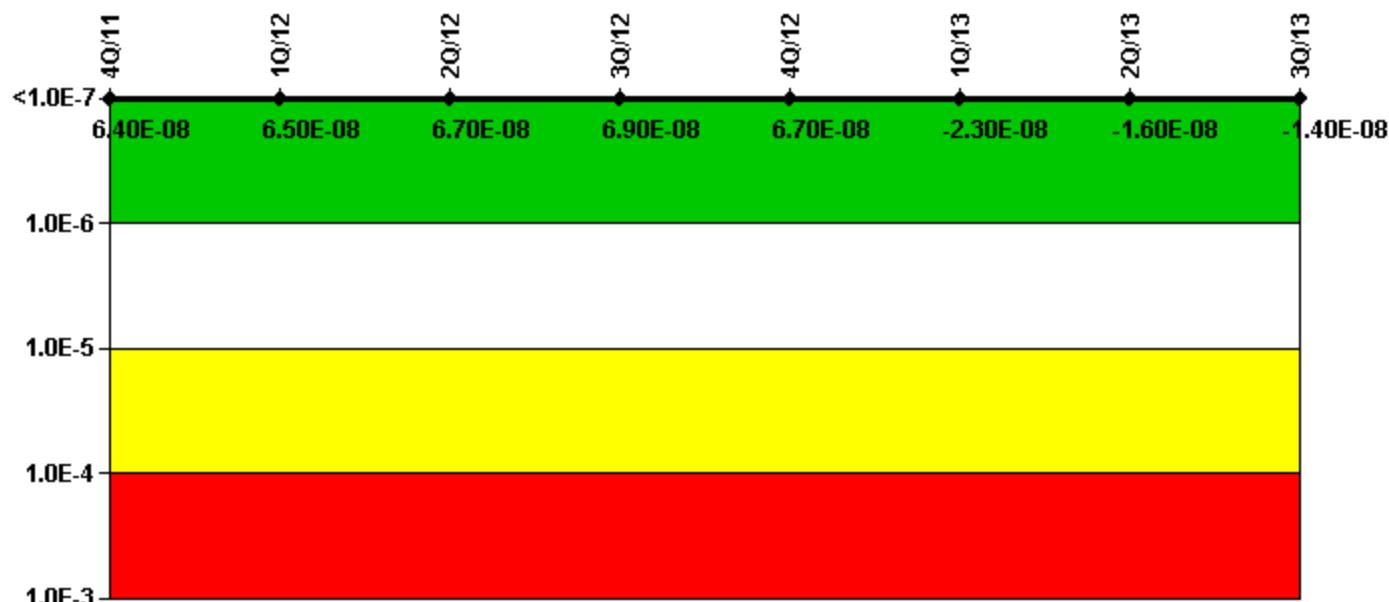
| Mitigating Systems Performance Index, Emergency AC Power System | 4Q/11            | 1Q/12            | 2Q/12            | 3Q/12            | 4Q/12            | 1Q/13            | 2Q/13            | 3Q/13            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)   | -3.99E-09        | -3.99E-09        | -4.09E-09        | -4.09E-09        | -4.09E-09        | -4.09E-09        | -6.29E-09        | -6.29E-09        |
| URI ( $\Delta$ CDF)   | -4.81E-09        | -4.61E-09        | -2.24E-08        | -2.22E-08        | -2.20E-08        | -2.18E-08        | -3.17E-08        | -3.15E-08        |
| PLE   | NO               |
| Indicator value   | <b>-8.80E-09</b> | <b>-8.60E-09</b> | <b>-2.70E-08</b> | <b>-2.60E-08</b> | <b>-2.60E-08</b> | <b>-2.60E-08</b> | <b>-3.80E-08</b> | <b>-3.80E-08</b> |

### Licensee Comments:

3Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

2Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

## Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

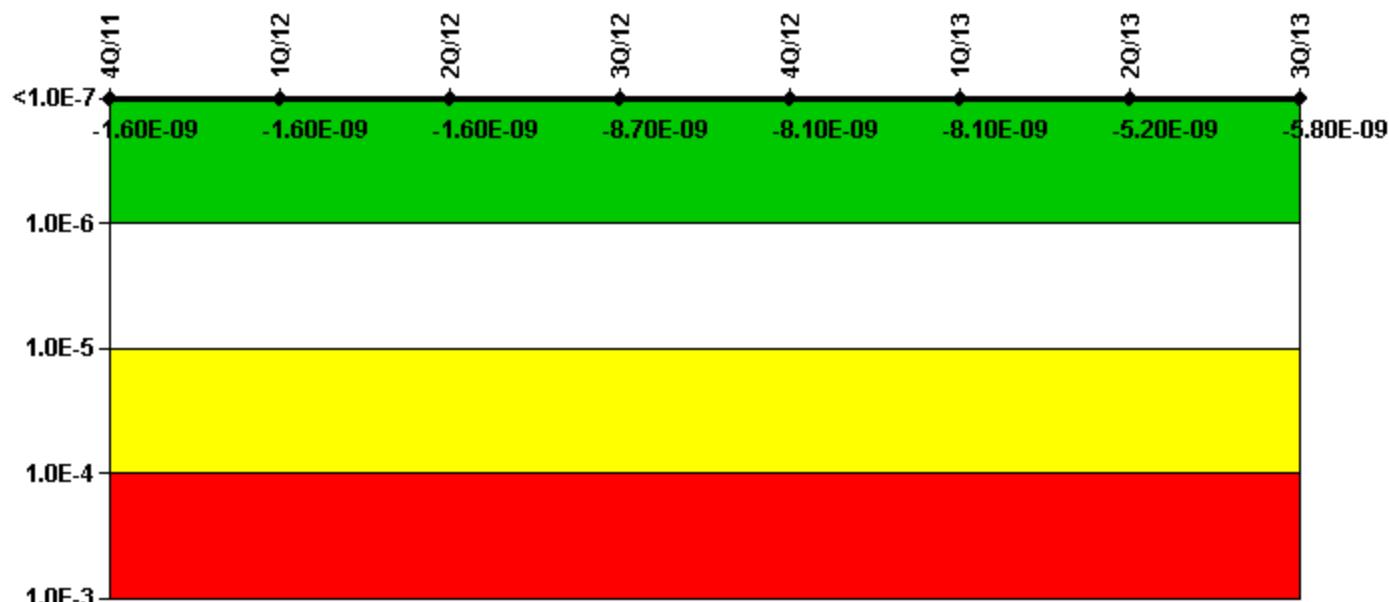
| Mitigating Systems Performance Index, High Pressure Injection System | 4Q/11           | 1Q/12           | 2Q/12           | 3Q/12           | 4Q/12           | 1Q/13            | 2Q/13            | 3Q/13            |
|--|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)  | 1.39E-09        | 1.80E-09        | 2.36E-09        | 3.16E-09        | 1.95E-10        | -2.20E-09        | -1.43E-09        | -2.25E-10        |
| URI ( $\Delta$ CDF)  | 6.24E-08        | 6.34E-08        | 6.44E-08        | 6.54E-08        | 6.64E-08        | -2.10E-08        | -1.45E-08        | -1.42E-08        |
| PLE  | NO              | NO              | NO              | NO              | NO              | NO               | NO               | NO               |
| Indicator value  | <b>6.40E-08</b> | <b>6.50E-08</b> | <b>6.70E-08</b> | <b>6.90E-08</b> | <b>6.70E-08</b> | <b>-2.30E-08</b> | <b>-1.60E-08</b> | <b>-1.40E-08</b> |

### Licensee Comments:

3Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

2Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

## Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

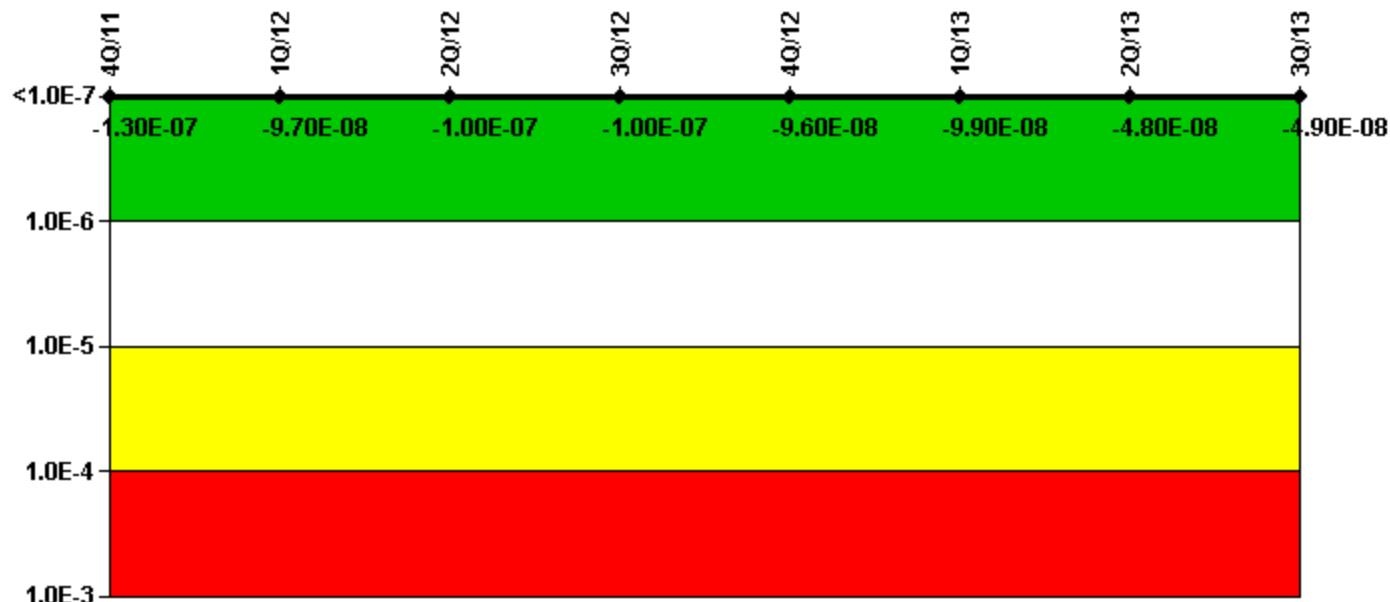
| Mitigating Systems Performance Index, Heat Removal System | 4Q/11            | 1Q/12            | 2Q/12            | 3Q/12            | 4Q/12            | 1Q/13            | 2Q/13            | 3Q/13            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)                                       | -1.42E-09        | -1.39E-09        | -1.39E-09        | -1.89E-09        | -1.29E-09        | -1.33E-09        | -5.62E-10        | -1.16E-09        |
| URI ( $\Delta$ CDF)                                       | -2.03E-10        | -2.03E-10        | -2.03E-10        | -6.79E-09        | -6.79E-09        | -6.79E-09        | -4.66E-09        | -4.66E-09        |
| PLE   | NO               |
| <b>Indicator value</b>                                    | <b>-1.60E-09</b> | <b>-1.60E-09</b> | <b>-1.60E-09</b> | <b>-8.70E-09</b> | <b>-8.10E-09</b> | <b>-8.10E-09</b> | <b>-5.20E-09</b> | <b>-5.80E-09</b> |

### Licensee Comments:

3Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

2Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

## Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

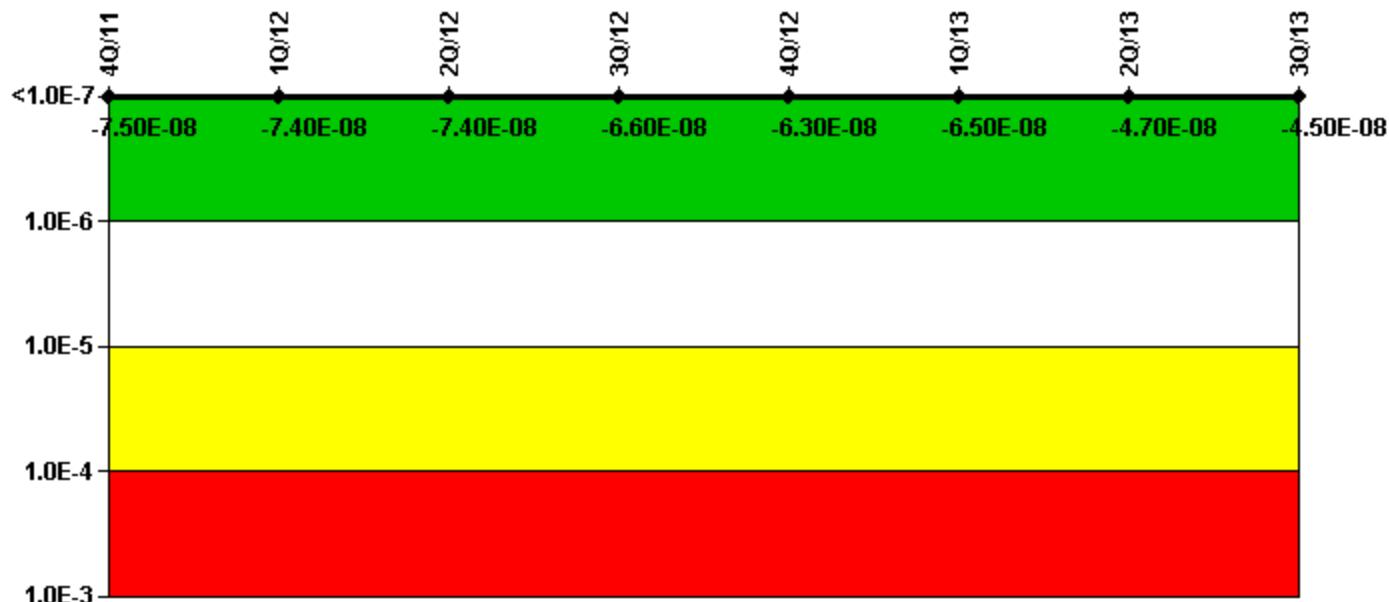
| Mitigating Systems Performance Index, Residual Heat Removal System | 4Q/11            | 1Q/12            | 2Q/12            | 3Q/12            | 4Q/12            | 1Q/13            | 2Q/13            | 3Q/13            |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)  | -4.90E-08        | -1.30E-08        | -1.79E-08        | -1.81E-08        | -1.17E-08        | -1.41E-08        | 1.32E-09         | 4.22E-10         |
| URI ( $\Delta$ CDF)  | -8.44E-08        | -8.44E-08        | -8.44E-08        | -8.44E-08        | -8.44E-08        | -8.44E-08        | -4.94E-08        | -4.94E-08        |
| PLE  | NO               |
| Indicator value  | <b>-1.30E-07</b> | <b>-9.70E-08</b> | <b>-1.00E-07</b> | <b>-1.00E-07</b> | <b>-9.60E-08</b> | <b>-9.90E-08</b> | <b>-4.80E-08</b> | <b>-4.90E-08</b> |

### Licensee Comments:

3Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

2Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

## Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

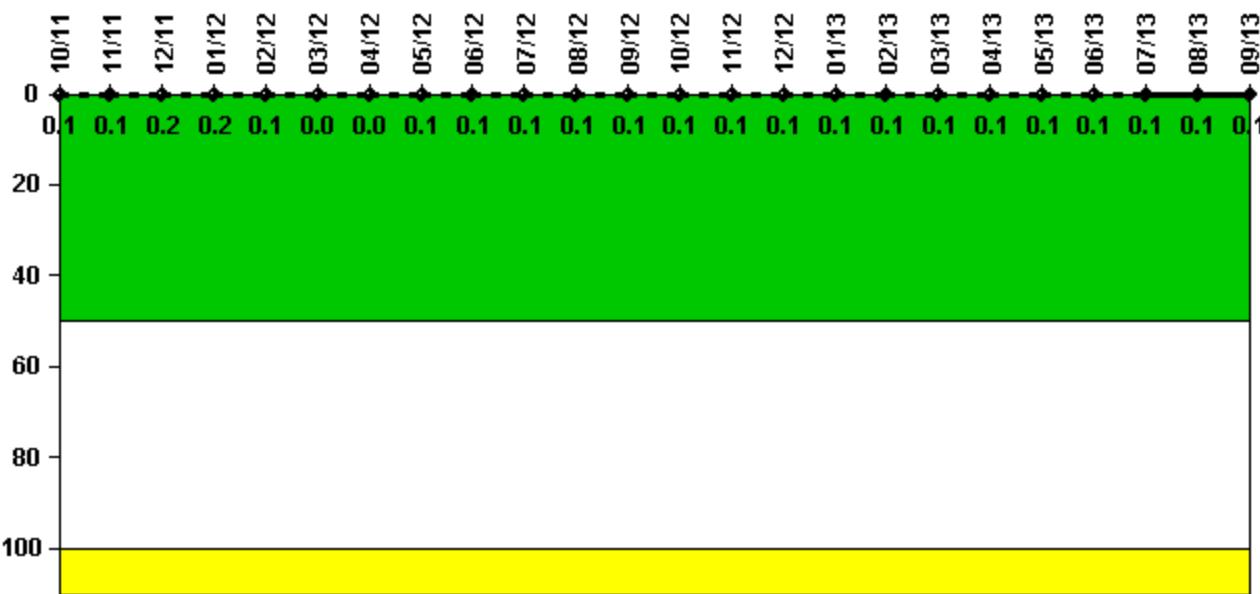
| Mitigating Systems Performance Index, Cooling Water Systems | 4Q/11            | 1Q/12            | 2Q/12            | 3Q/12            | 4Q/12            | 1Q/13            | 2Q/13            | 3Q/13            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)   | 3.00E-08         | 3.10E-08         | 3.10E-08         | 3.84E-08         | 4.13E-08         | 3.99E-08         | 1.63E-08         | 1.81E-08         |
| URI ( $\Delta$ CDF)   | -1.05E-07        | -1.05E-07        | -1.05E-07        | -1.05E-07        | -1.05E-07        | -1.05E-07        | -6.33E-08        | -6.33E-08        |
| PLE   | NO               |
| <b>Indicator value</b>                                      | <b>-7.50E-08</b> | <b>-7.40E-08</b> | <b>-7.40E-08</b> | <b>-6.60E-08</b> | <b>-6.30E-08</b> | <b>-6.50E-08</b> | <b>-4.70E-08</b> | <b>-4.50E-08</b> |

### Licensee Comments:

3Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

2Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

## Reactor Coolant System Activity



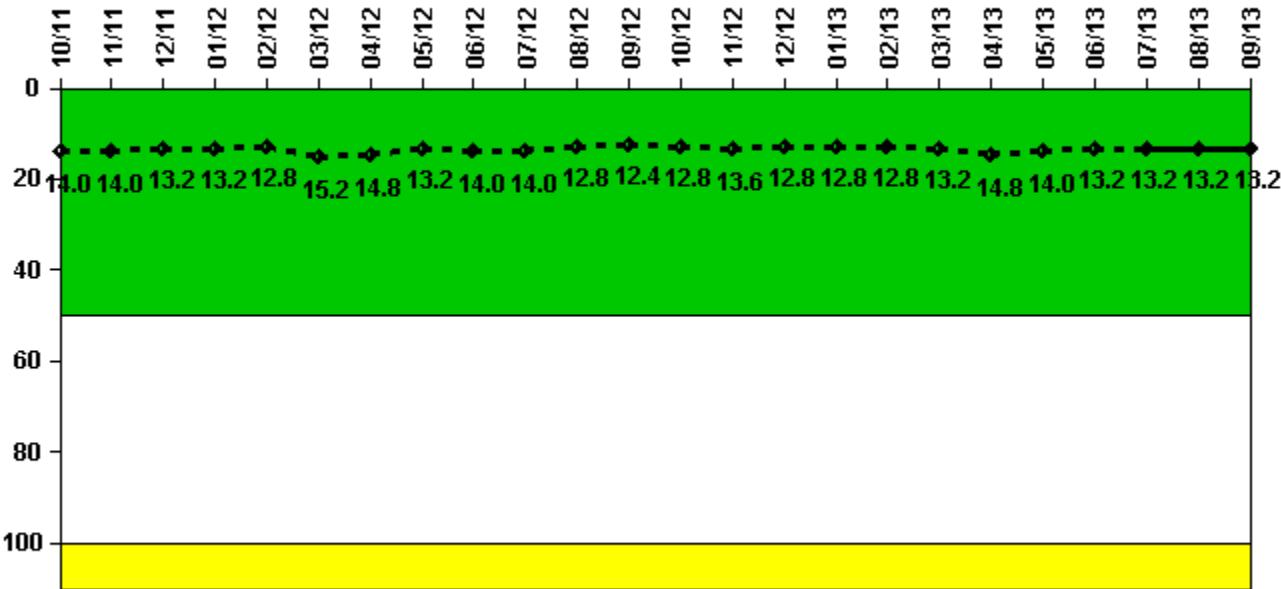
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Activity | 10/11    | 11/11    | 12/11    | 1/12     | 2/12     | 3/12     | 4/12     | 5/12     | 6/12     | 7/12     | 8/12     | 9/12     |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity                | 0.000292 | 0.000249 | 0.000323 | 0.000306 | 0.000292 | 0.000081 | 0.000089 | 0.000136 | 0.000106 | 0.000110 | 0.000101 | 0.000118 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0.1      | 0.1      | 0.2      | 0.2      | 0.1      | 0        | 0        | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      |
| Reactor Coolant System Activity | 10/12    | 11/12    | 12/12    | 1/13     | 2/13     | 3/13     | 4/13     | 5/13     | 6/13     | 7/13     | 8/13     | 9/13     |
| Maximum activity                | 0.000162 | 0.000121 | 0.000136 | 0.000134 | 0.000134 | 0.000157 | 0.000159 | 0.000149 | 0.000178 | 0.000215 | 0.000282 | 0.000183 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      |

Licensee Comments: none

## **Reactor Coolant System Leakage**



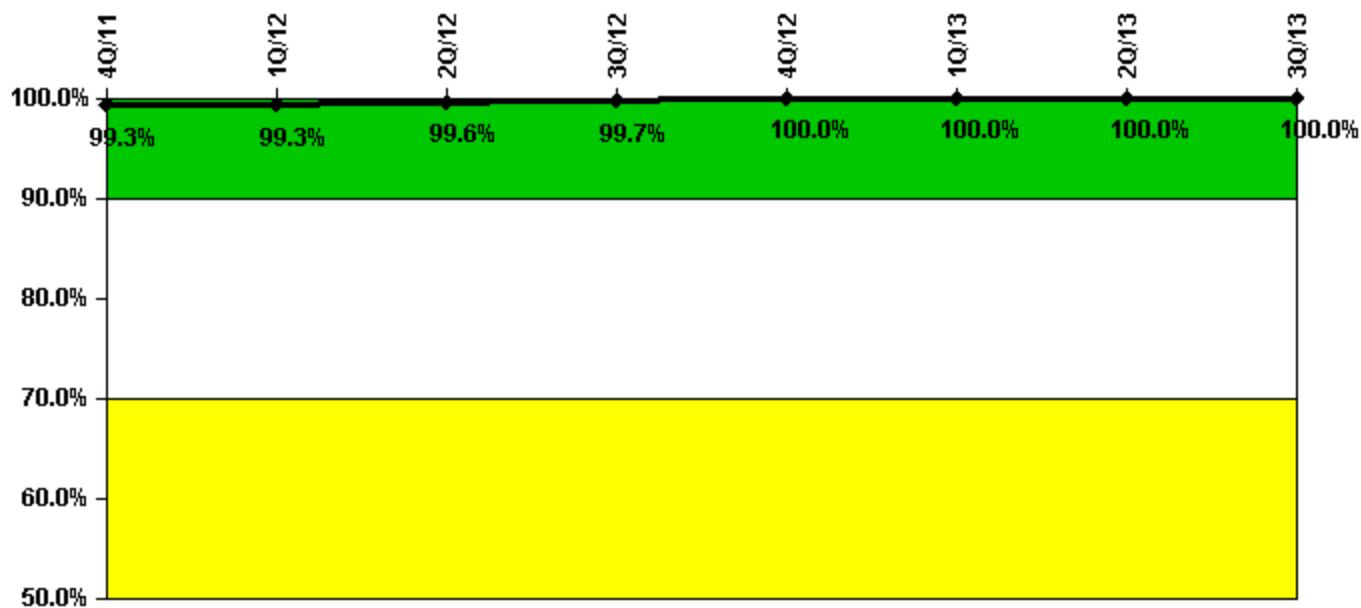
**Thresholds:** White > 50.0 Yellow > 100.0

## Notes

| <b>Reactor Coolant System Leakage</b> | <b>10/11</b> | <b>11/11</b> | <b>12/11</b> | <b>1/12</b> | <b>2/12</b> | <b>3/12</b> | <b>4/12</b> | <b>5/12</b> | <b>6/12</b> | <b>7/12</b> | <b>8/12</b> | <b>9/12</b> |
|---------------------------------------|--------------|--------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Maximum leakage                       | 3.500        | 3.500        | 3.300        | 3.300       | 3.200       | 3.800       | 3.700       | 3.300       | 3.500       | 3.500       | 3.200       | 3.100       |
| Technical specification limit         | 25.0         | 25.0         | 25.0         | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
|                                       |              |              |              |             |             |             |             |             |             |             |             |             |
| <b>Indicator value</b>                | <b>14.0</b>  | <b>14.0</b>  | <b>13.2</b>  | <b>13.2</b> | <b>12.8</b> | <b>15.2</b> | <b>14.8</b> | <b>13.2</b> | <b>14.0</b> | <b>14.0</b> | <b>12.8</b> | <b>12.4</b> |
| <b>Reactor Coolant System Leakage</b> | <b>10/12</b> | <b>11/12</b> | <b>12/12</b> | <b>1/13</b> | <b>2/13</b> | <b>3/13</b> | <b>4/13</b> | <b>5/13</b> | <b>6/13</b> | <b>7/13</b> | <b>8/13</b> | <b>9/13</b> |
| Maximum leakage                       | 3.200        | 3.400        | 3.200        | 3.200       | 3.200       | 3.300       | 3.700       | 3.500       | 3.300       | 3.300       | 3.300       | 3.300       |
| Technical specification limit         | 25.0         | 25.0         | 25.0         | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
|                                       |              |              |              |             |             |             |             |             |             |             |             |             |
| <b>Indicator value</b>                | <b>12.8</b>  | <b>13.6</b>  | <b>12.8</b>  | <b>12.8</b> | <b>12.8</b> | <b>13.2</b> | <b>14.8</b> | <b>14.0</b> | <b>13.2</b> | <b>13.2</b> | <b>13.2</b> | <b>13.2</b> |

Licensee Comments: none

### **Drill/Exercise Performance**



Thresholds: White < 90.0% Yellow < 70.0%

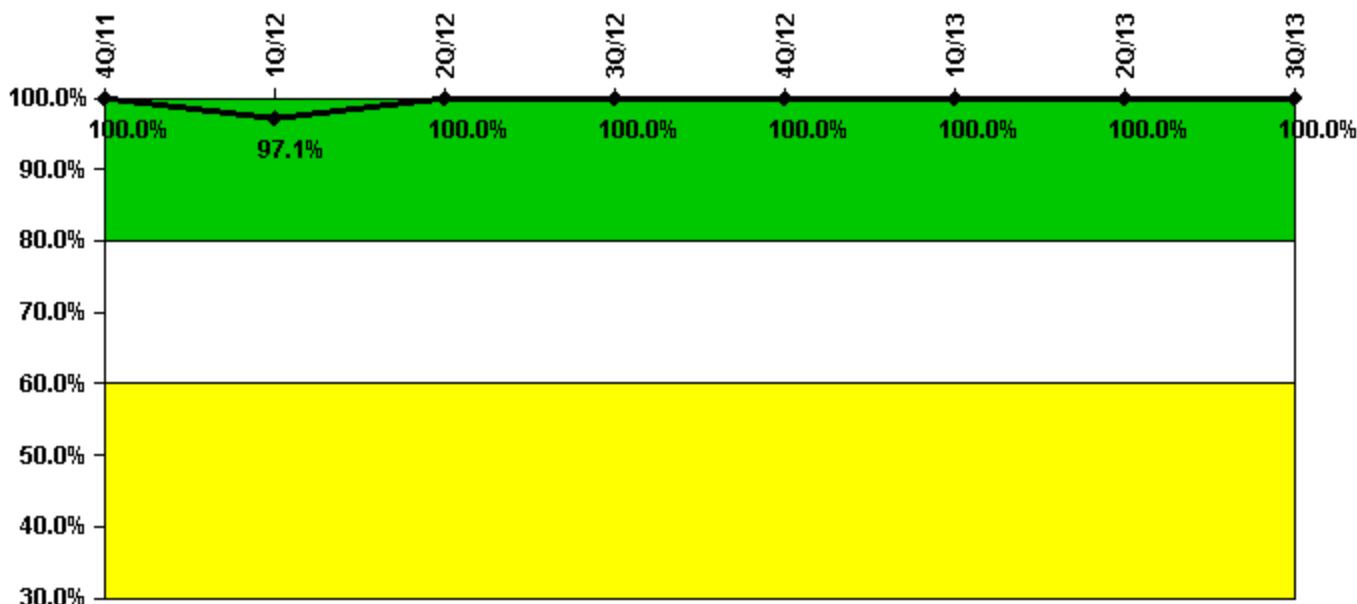
#### **Notes**

| Drill/Exercise Performance | 4Q/11        | 1Q/12        | 2Q/12        | 3Q/12        | 4Q/12         | 1Q/13         | 2Q/13         | 3Q/13         |
|----------------------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|
| Successful opportunities   | 64.0         | 24.0         | 64.0         | 23.0         | 33.0          | 10.0          | 49.0          | 30.0          |
| Total opportunities        | 64.0         | 24.0         | 64.0         | 23.0         | 33.0          | 10.0          | 49.0          | 30.0          |
| <b>Indicator value</b>     | <b>99.3%</b> | <b>99.3%</b> | <b>99.6%</b> | <b>99.7%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> |

Licensee Comments: none

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### **ERO Drill Participation**



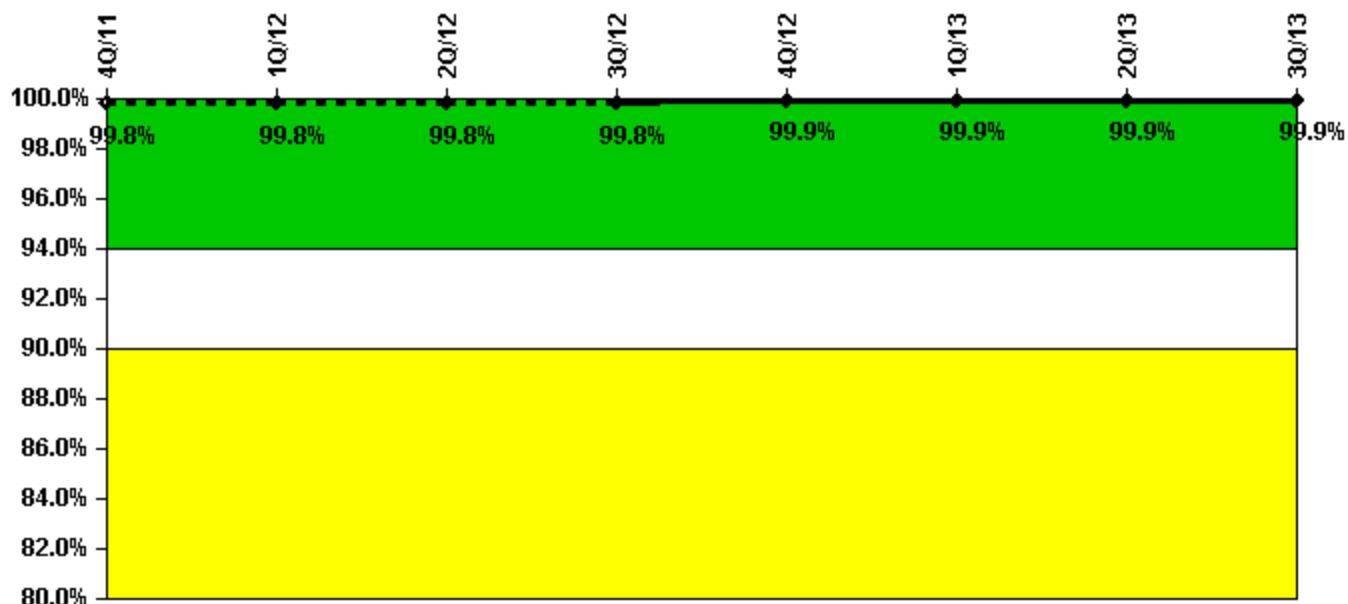
Thresholds: White < 80.0% Yellow < 60.0%

#### **Notes**

| <b>ERO Drill Participation</b> | <b>4Q/11</b>  | <b>1Q/12</b> | <b>2Q/12</b>  | <b>3Q/12</b>  | <b>4Q/12</b>  | <b>1Q/13</b>  | <b>2Q/13</b>  | <b>3Q/13</b>  |
|--------------------------------|---------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Participating Key personnel    | 70.0          | 68.0         | 68.0          | 69.0          | 71.0          | 70.0          | 68.0          | 68.0          |
| Total Key personnel            | 70.0          | 70.0         | 68.0          | 69.0          | 71.0          | 70.0          | 68.0          | 68.0          |
| <b>Indicator value</b>         | <b>100.0%</b> | <b>97.1%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> |

Licensee Comments: none

## Alert & Notification System



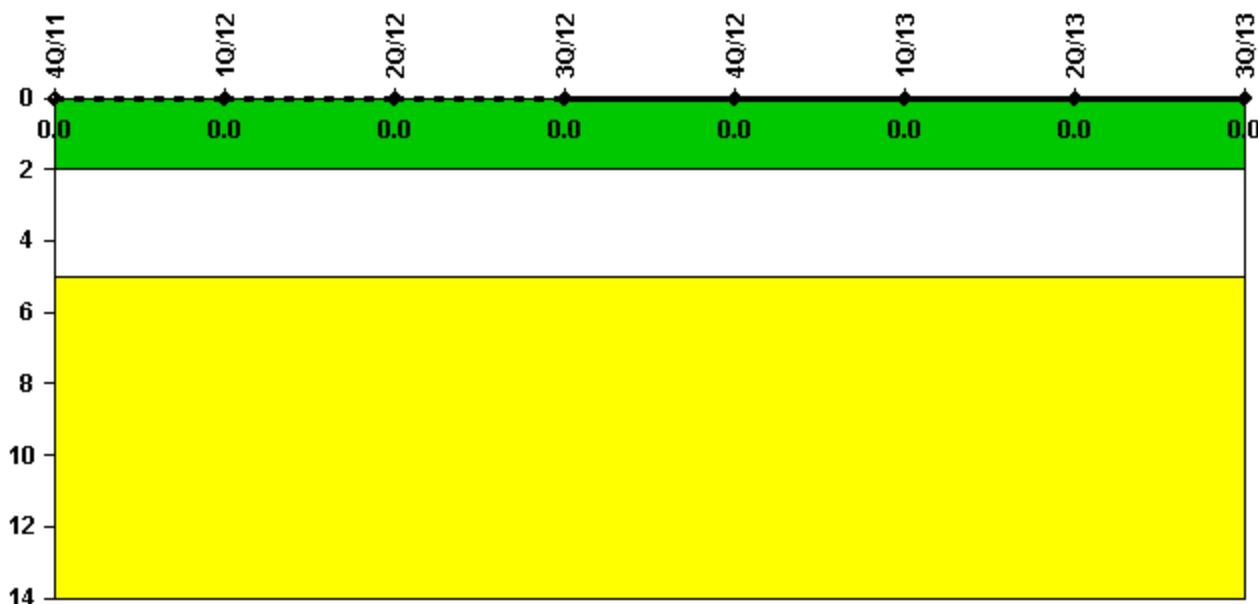
Thresholds: White < 94.0% Yellow < 90.0%

### Notes

| Alert & Notification System | 4Q/11        | 1Q/12        | 2Q/12        | 3Q/12        | 4Q/12        | 1Q/13        | 2Q/13        | 3Q/13        |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests      | 2171         | 2207         | 2172         | 2137         | 2175         | 2175         | 2170         | 2176         |
| Total sirens-tests          | 2176         | 2210         | 2176         | 2142         | 2176         | 2176         | 2176         | 2176         |
| <b>Indicator value</b>      | <b>99.8%</b> | <b>99.8%</b> | <b>99.8%</b> | <b>99.8%</b> | <b>99.9%</b> | <b>99.9%</b> | <b>99.9%</b> | <b>99.9%</b> |

Licensee Comments: none

### **Occupational Exposure Control Effectiveness**



Thresholds: White > 2.0 Yellow > 5.0

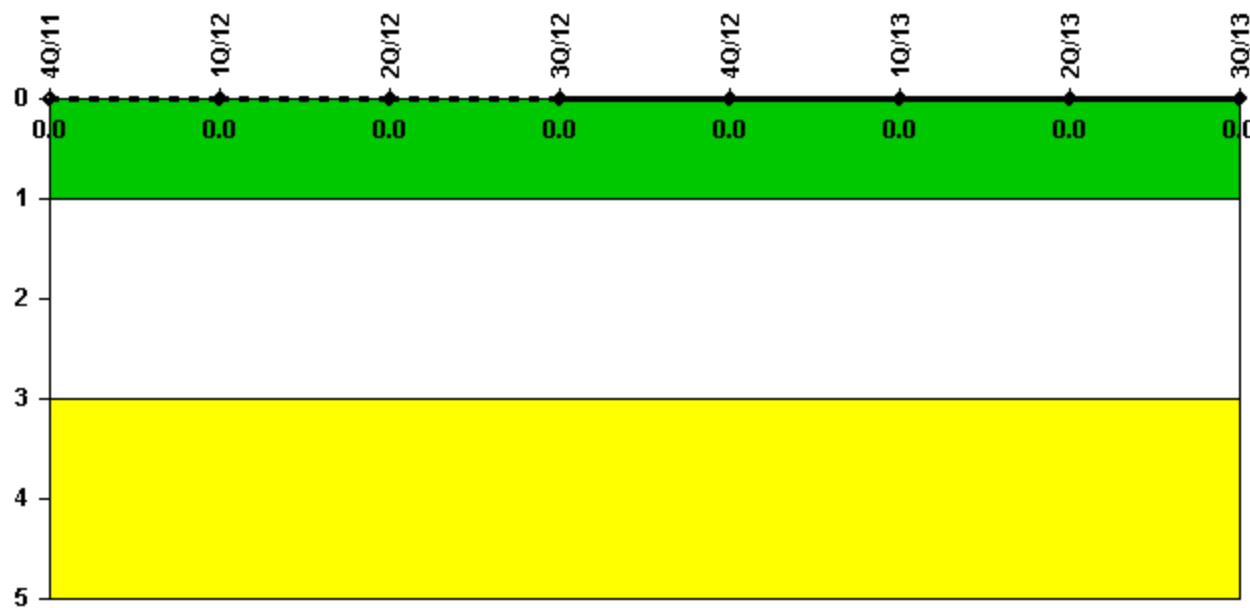
#### **Notes**

| <b>Occupational Exposure Control Effectiveness</b> | <b>4Q/11</b> | <b>1Q/12</b> | <b>2Q/12</b> | <b>3Q/12</b> | <b>4Q/12</b> | <b>1Q/13</b> | <b>2Q/13</b> | <b>3Q/13</b> |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| High radiation area occurrences                    | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| Very high radiation area occurrences               | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| Unintended exposure occurrences                    | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| <b>Indicator value</b>                             | <b>0</b>     |

Licensee Comments: none

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### **RETS/ODCM Radiological Effluent**



Thresholds: White > 1.0 Yellow > 3.0

#### **Notes**

| RETS/ODCM Radiological Effluent | 4Q/11    | 1Q/12    | 2Q/12    | 3Q/12    | 4Q/12    | 1Q/13    | 2Q/13    | 3Q/13    |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| RETS/ODCM occurrences           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>          | <b>0</b> |

Licensee Comments: none

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Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

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[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

*Last Modified: October 22, 2013*

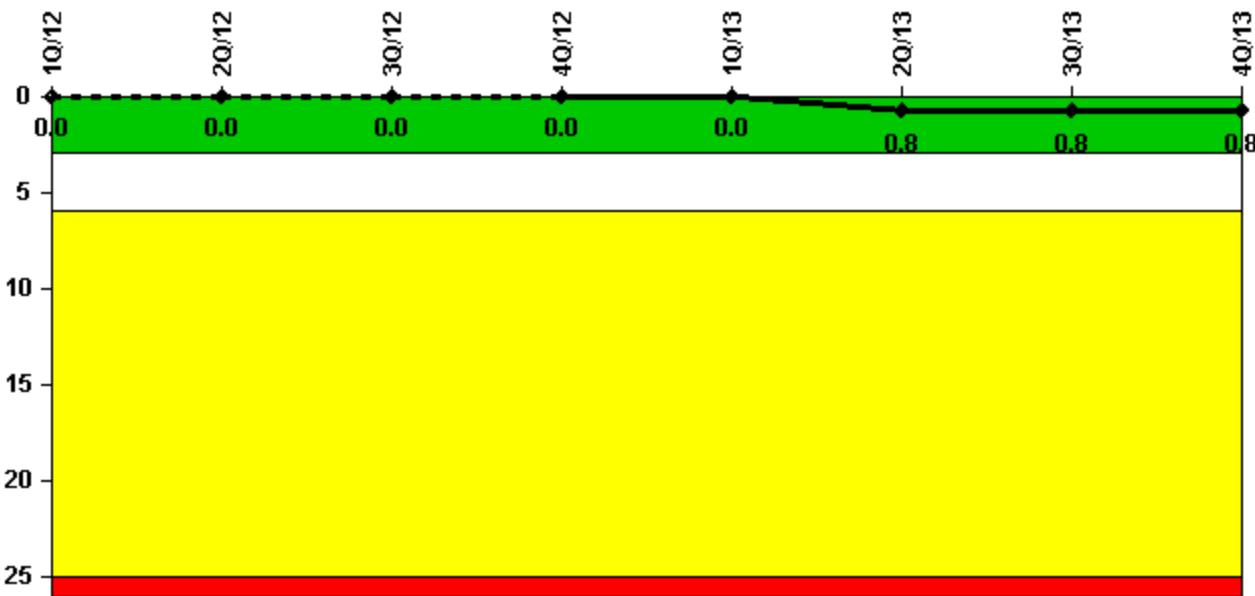
# La Salle 1

## 4Q/2013 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



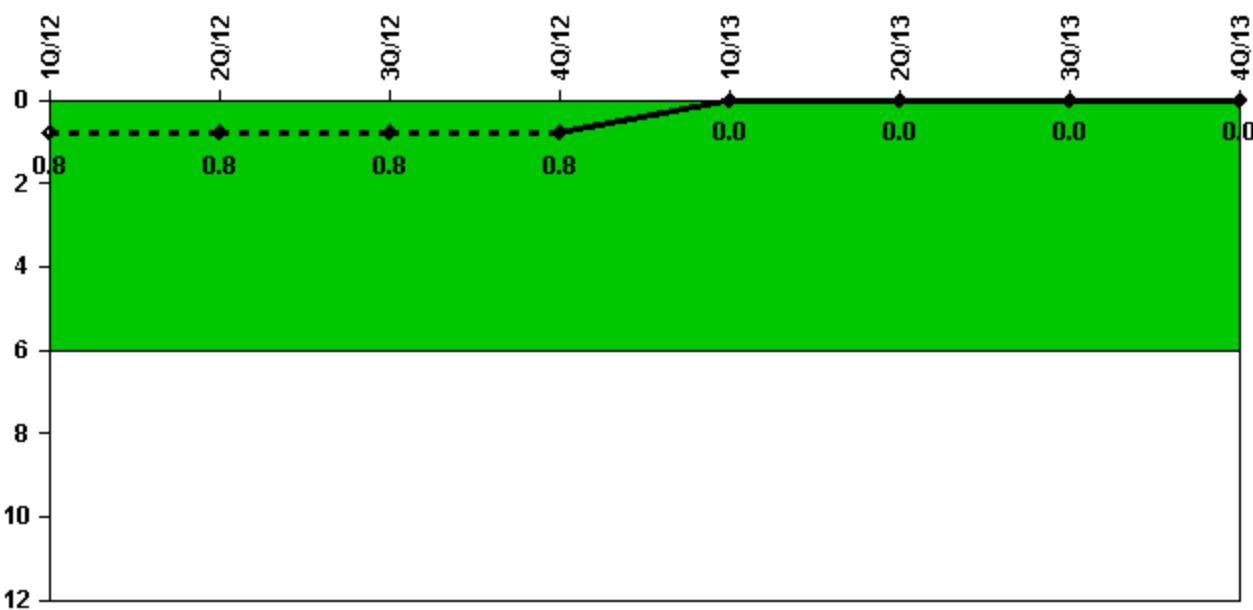
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

| Unplanned Scrams per 7000 Critical Hrs | 1Q/12    | 2Q/12    | 3Q/12    | 4Q/12    | 1Q/13    | 2Q/13      | 3Q/13      | 4Q/13      |
|--|----------|----------|----------|----------|----------|------------|------------|------------|
| Unplanned scrams                       | 0        | 0        | 0        | 0        | 0        | 1.0        | 0          | 0          |
| Critical hours                         | 1634.4   | 2184.0   | 2208.0   | 2209.0   | 2159.0   | 1896.5     | 2208.0     | 2209.0     |
| <b>Indicator value</b>                 | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0.8</b> | <b>0.8</b> | <b>0.8</b> |

Licensee Comments: none

### Unplanned Power Changes per 7000 Critical Hrs



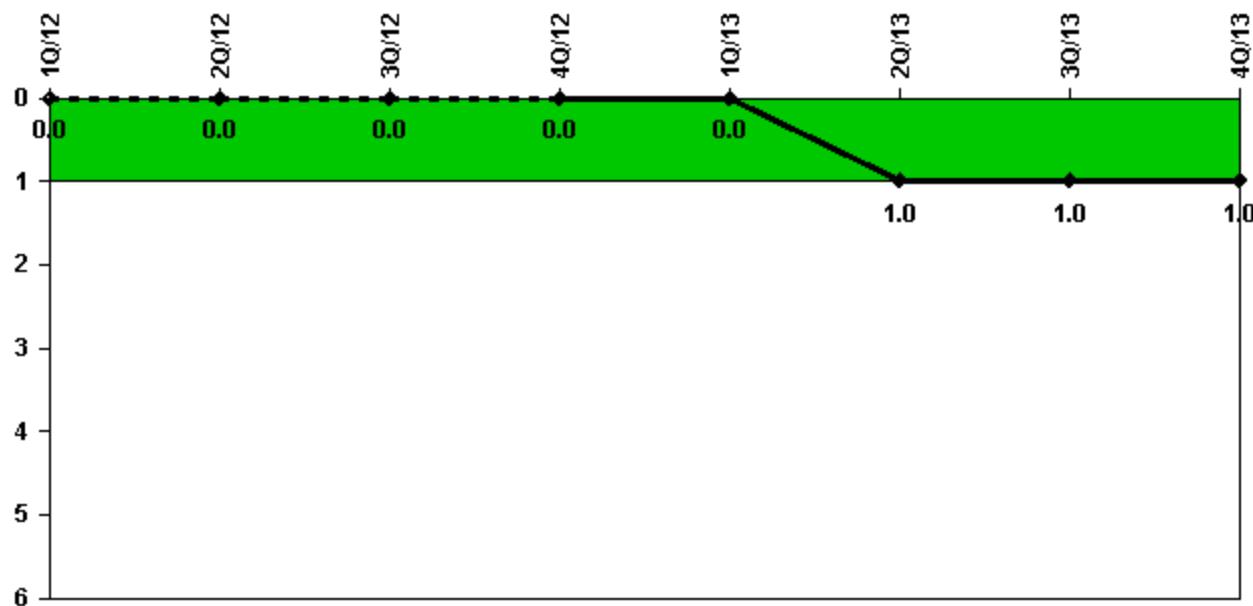
Thresholds: White > 6.0

#### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 1Q/12      | 2Q/12      | 3Q/12      | 4Q/12      | 1Q/13    | 2Q/13    | 3Q/13    | 4Q/13    |
|---|------------|------------|------------|------------|----------|----------|----------|----------|
| Unplanned power changes                       | 1.0        | 0          | 0          | 0          | 0        | 0        | 0        | 0        |
| Critical hours                                | 1634.4     | 2184.0     | 2208.0     | 2209.0     | 2159.0   | 1896.5   | 2208.0   | 2209.0   |
| <b>Indicator value</b>                        | <b>0.8</b> | <b>0.8</b> | <b>0.8</b> | <b>0.8</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> |

Licensee Comments: none

### **Unplanned Scrams with Complications**



Thresholds: White > 1.0

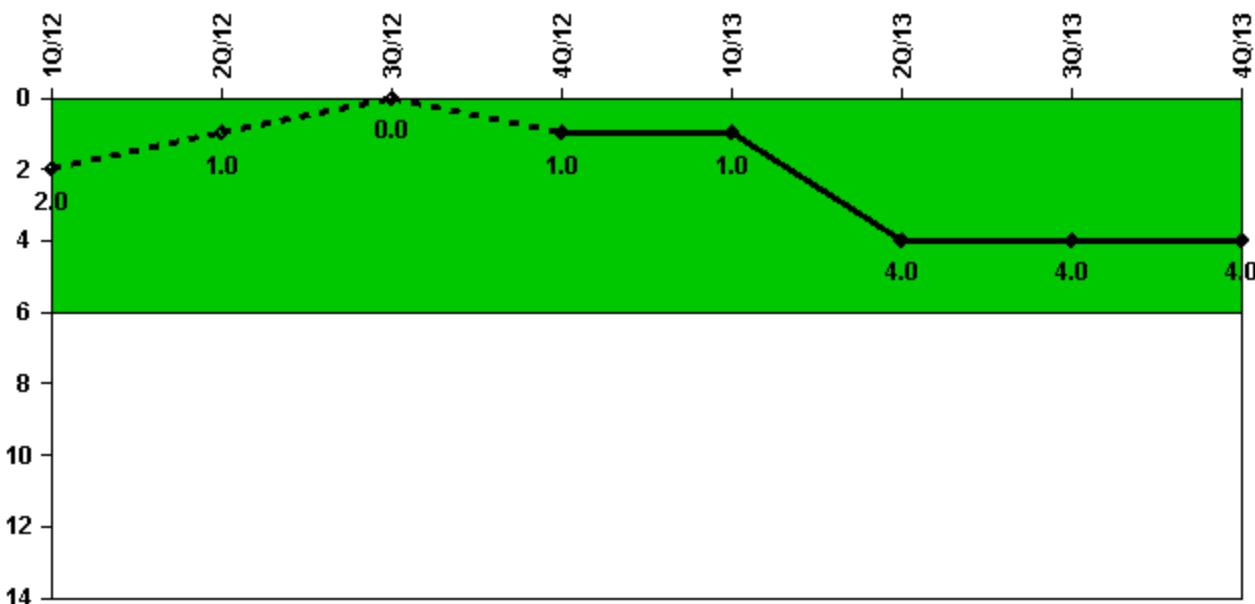
#### **Notes**

| <b>Unplanned Scrams with Complications</b> | <b>1Q/12</b> | <b>2Q/12</b> | <b>3Q/12</b> | <b>4Q/12</b> | <b>1Q/13</b> | <b>2Q/13</b> | <b>3Q/13</b> | <b>4Q/13</b> |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Scrams with complications                  | 0            | 0            | 0            | 0            | 0            | 1.0          | 0            | 0            |
|  |              |              |              |              |              |              |              |              |
|  |              |              |              |              |              |              |              |              |
| <b>Indicator value</b>                     | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>1.0</b>   | <b>1.0</b>   | <b>1.0</b>   |

Licensee Comments: none

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### **Safety System Functional Failures (BWR)**



Thresholds: White > 6.0

#### **Notes**

| <b>Safety System Functional Failures (BWR)</b> | <b>1Q/12</b> | <b>2Q/12</b> | <b>3Q/12</b> | <b>4Q/12</b> | <b>1Q/13</b> | <b>2Q/13</b> | <b>3Q/13</b> | <b>4Q/13</b> |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Safety System Functional Failures              | 0            | 0            | 0            | 1            | 0            | 3            | 0            | 1            |
| <b>Indicator value</b>                         | <b>2</b>     | <b>1</b>     | <b>0</b>     | <b>1</b>     | <b>1</b>     | <b>4</b>     | <b>4</b>     | <b>4</b>     |

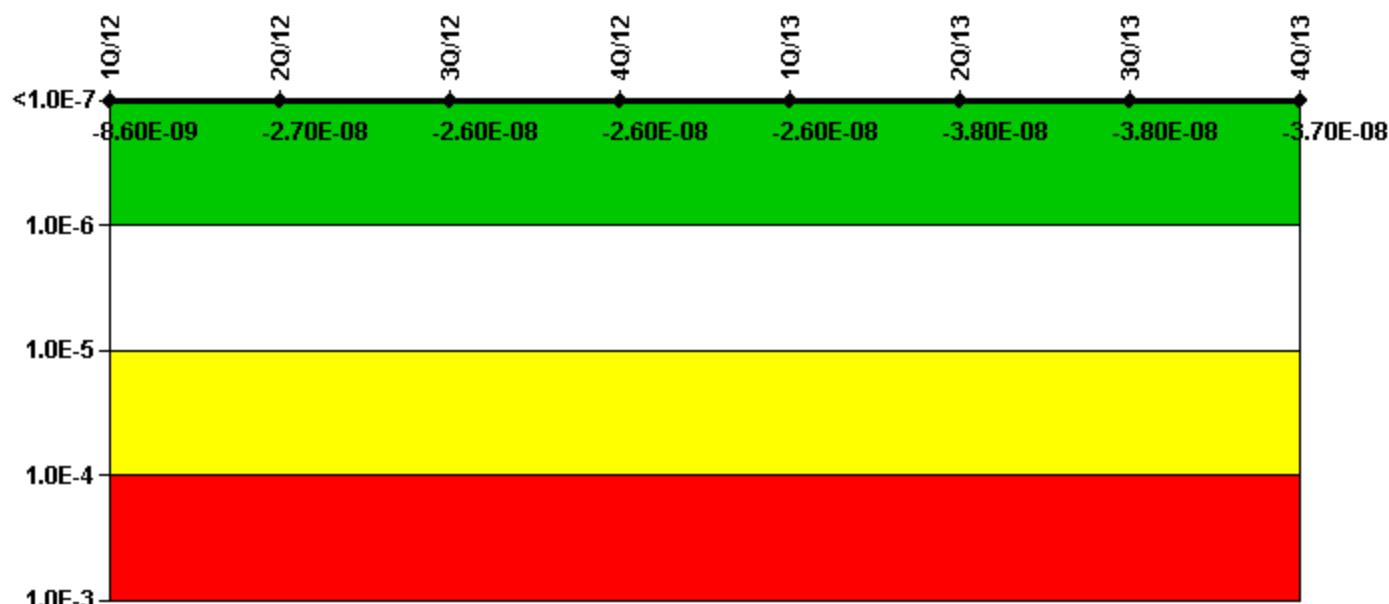
Licensee Comments:

4Q/13: LER 373-2013-007

2Q/13: LERs 373-2013-001, 373-2013-002, and 373-2013-003

4Q/12: LER 373-2012-001-00

## Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

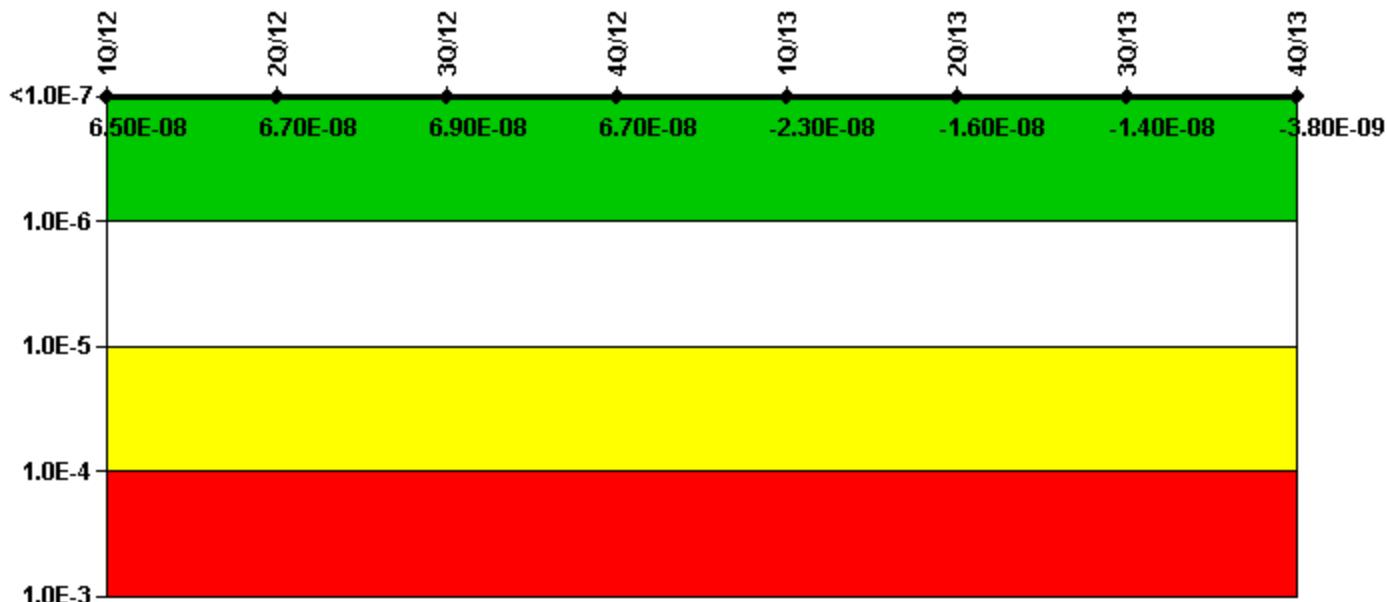
| Mitigating Systems Performance Index, Emergency AC Power System | 1Q/12            | 2Q/12            | 3Q/12            | 4Q/12            | 1Q/13            | 2Q/13            | 3Q/13            | 4Q/13            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)   | -3.99E-09        | -4.09E-09        | -4.09E-09        | -4.09E-09        | -4.09E-09        | -6.29E-09        | -6.29E-09        | -6.29E-09        |
| URI ( $\Delta$ CDF)   | -4.61E-09        | -2.24E-08        | -2.22E-08        | -2.20E-08        | -2.18E-08        | -3.17E-08        | -3.15E-08        | -3.12E-08        |
| PLE   | NO               |
| Indicator value   | <b>-8.60E-09</b> | <b>-2.70E-08</b> | <b>-2.60E-08</b> | <b>-2.60E-08</b> | <b>-2.60E-08</b> | <b>-3.80E-08</b> | <b>-3.80E-08</b> | <b>-3.70E-08</b> |

### Licensee Comments:

3Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

2Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

## Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

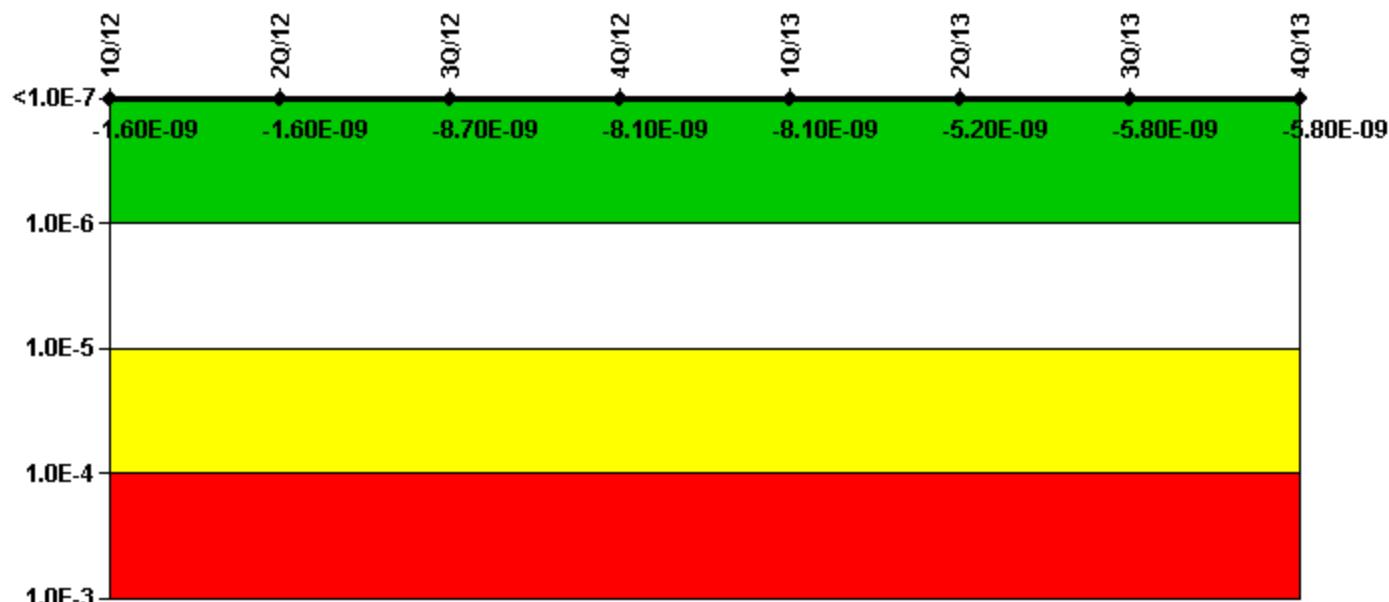
| Mitigating Systems Performance Index, High Pressure Injection System | 1Q/12           | 2Q/12           | 3Q/12           | 4Q/12           | 1Q/13            | 2Q/13            | 3Q/13            | 4Q/13            |
|--|-----------------|-----------------|-----------------|-----------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)  | 1.80E-09        | 2.36E-09        | 3.16E-09        | 1.95E-10        | -2.20E-09        | -1.43E-09        | -2.25E-10        | 1.02E-08         |
| URI ( $\Delta$ CDF)  | 6.34E-08        | 6.44E-08        | 6.54E-08        | 6.64E-08        | -2.10E-08        | -1.45E-08        | -1.42E-08        | -1.40E-08        |
| PLE  | NO              | NO              | NO              | NO              | NO               | NO               | NO               | NO               |
| Indicator value  | <b>6.50E-08</b> | <b>6.70E-08</b> | <b>6.90E-08</b> | <b>6.70E-08</b> | <b>-2.30E-08</b> | <b>-1.60E-08</b> | <b>-1.40E-08</b> | <b>-3.80E-09</b> |

### Licensee Comments:

3Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

2Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

## Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

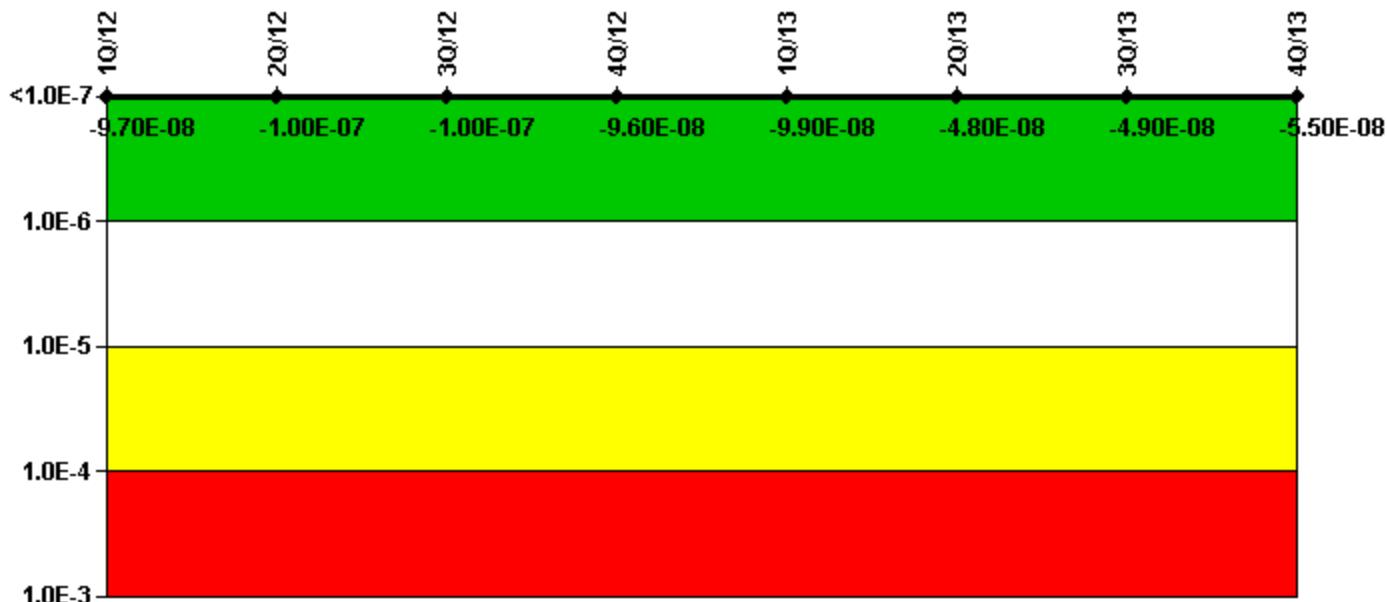
| Mitigating Systems Performance Index, Heat Removal System | 1Q/12            | 2Q/12            | 3Q/12            | 4Q/12            | 1Q/13            | 2Q/13            | 3Q/13            | 4Q/13            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)                                       | -1.39E-09        | -1.39E-09        | -1.89E-09        | -1.29E-09        | -1.33E-09        | -5.62E-10        | -1.16E-09        | -1.16E-09        |
| URI ( $\Delta$ CDF)                                       | -2.03E-10        | -2.03E-10        | -6.79E-09        | -6.79E-09        | -6.79E-09        | -4.66E-09        | -4.66E-09        | -4.66E-09        |
| PLE   | NO               |
| <b>Indicator value</b>                                    | <b>-1.60E-09</b> | <b>-1.60E-09</b> | <b>-8.70E-09</b> | <b>-8.10E-09</b> | <b>-8.10E-09</b> | <b>-5.20E-09</b> | <b>-5.80E-09</b> | <b>-5.80E-09</b> |

### Licensee Comments:

3Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

2Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

## Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

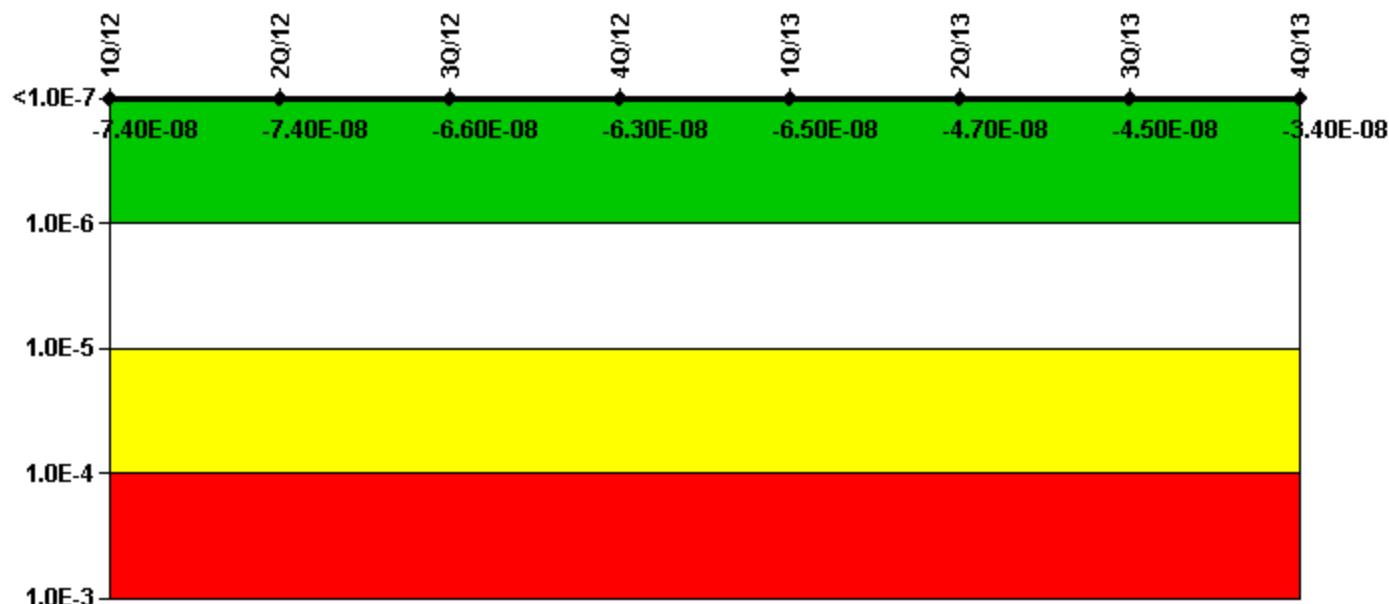
| Mitigating Systems Performance Index, Residual Heat Removal System | 1Q/12            | 2Q/12            | 3Q/12            | 4Q/12            | 1Q/13            | 2Q/13            | 3Q/13            | 4Q/13            |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)  | -1.30E-08        | -1.79E-08        | -1.81E-08        | -1.17E-08        | -1.41E-08        | 1.32E-09         | 4.22E-10         | -5.43E-09        |
| URI ( $\Delta$ CDF)  | -8.44E-08        | -8.44E-08        | -8.44E-08        | -8.44E-08        | -8.44E-08        | -4.94E-08        | -4.94E-08        | -4.94E-08        |
| PLE  | NO               |
| Indicator value  | <b>-9.70E-08</b> | <b>-1.00E-07</b> | <b>-1.00E-07</b> | <b>-9.60E-08</b> | <b>-9.90E-08</b> | <b>-4.80E-08</b> | <b>-4.90E-08</b> | <b>-5.50E-08</b> |

### Licensee Comments:

3Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

2Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

## Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

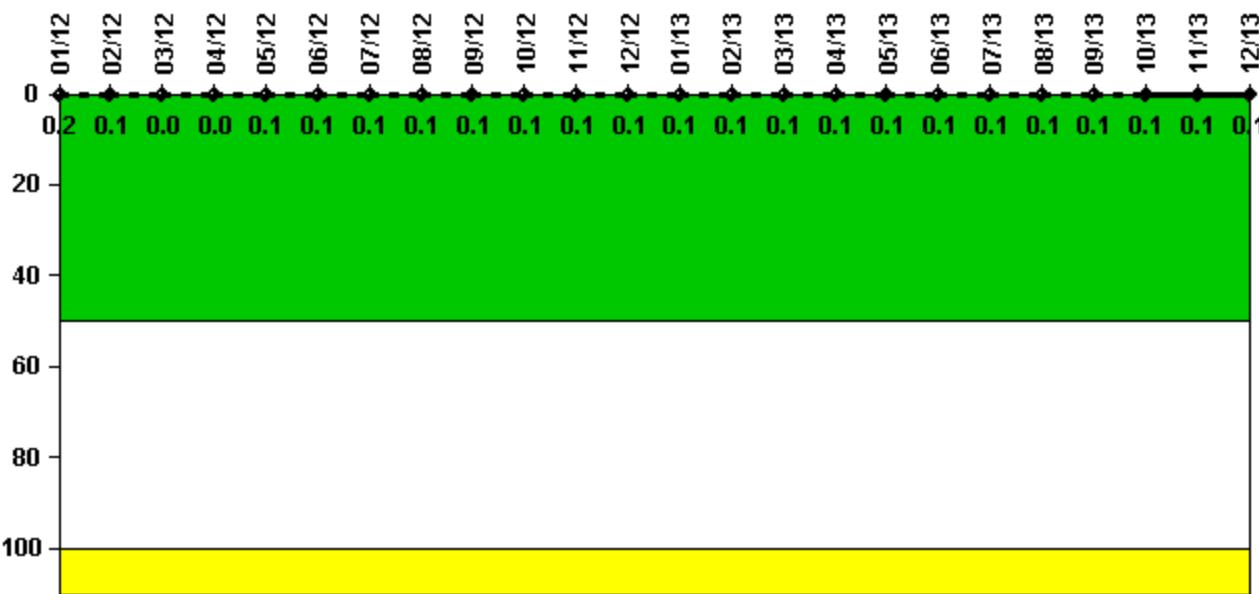
| Mitigating Systems Performance Index, Cooling Water Systems | 1Q/12            | 2Q/12            | 3Q/12            | 4Q/12            | 1Q/13            | 2Q/13            | 3Q/13            | 4Q/13            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)   | 3.10E-08         | 3.10E-08         | 3.84E-08         | 4.13E-08         | 3.99E-08         | 1.63E-08         | 1.81E-08         | 2.90E-08         |
| URI ( $\Delta$ CDF)   | -1.05E-07        | -1.05E-07        | -1.05E-07        | -1.05E-07        | -1.05E-07        | -6.33E-08        | -6.33E-08        | -6.33E-08        |
| PLE   | NO               |
| <b>Indicator value</b>                                      | <b>-7.40E-08</b> | <b>-7.40E-08</b> | <b>-6.60E-08</b> | <b>-6.30E-08</b> | <b>-6.50E-08</b> | <b>-4.70E-08</b> | <b>-4.50E-08</b> | <b>-3.40E-08</b> |

### Licensee Comments:

3Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

2Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

## Reactor Coolant System Activity



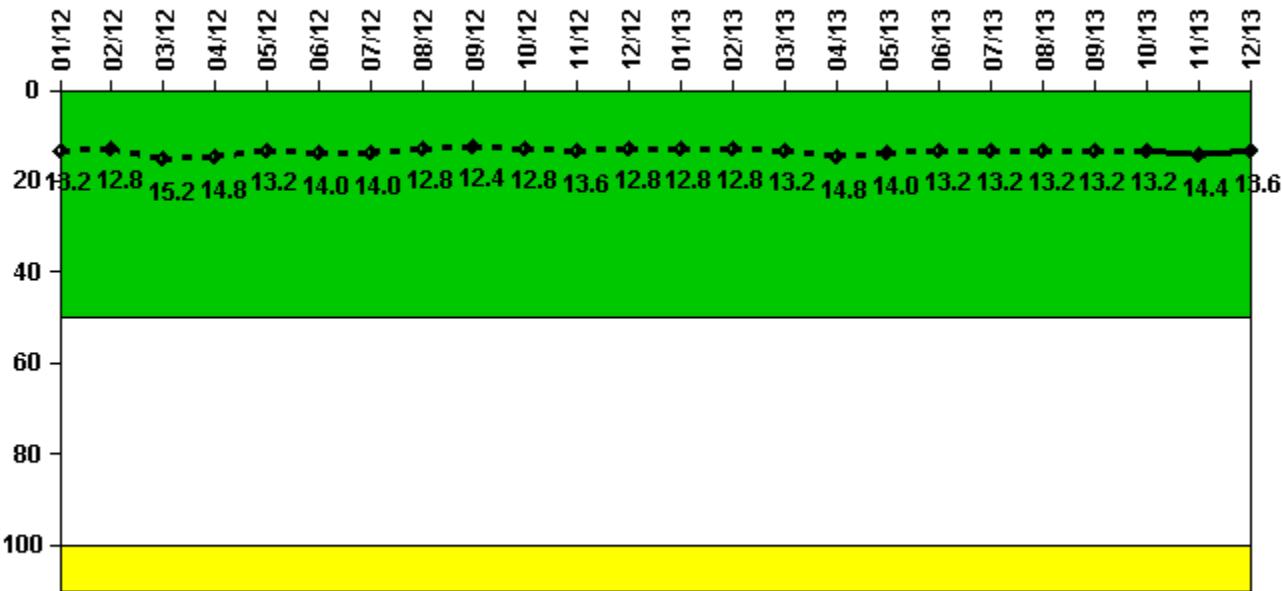
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Activity | 1/12       | 2/12       | 3/12       | 4/12       | 5/12       | 6/12       | 7/12       | 8/12       | 9/12       | 10/12      | 11/12      | 12/12      |
|---------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Maximum activity                | 0.000306   | 0.000292   | 0.000081   | 0.000089   | 0.000136   | 0.000106   | 0.000110   | 0.000101   | 0.000118   | 0.000162   | 0.000121   | 0.000136   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| Indicator value                 | <b>0.2</b> | <b>0.1</b> | <b>0</b>   | <b>0</b>   | <b>0.1</b> |
| Reactor Coolant System Activity | 1/13       | 2/13       | 3/13       | 4/13       | 5/13       | 6/13       | 7/13       | 8/13       | 9/13       | 10/13      | 11/13      | 12/13      |
| Maximum activity                | 0.000134   | 0.000134   | 0.000157   | 0.000159   | 0.000149   | 0.000178   | 0.000215   | 0.000282   | 0.000183   | 0.000170   | 0.000167   | 0.000212   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| Indicator value                 | <b>0.1</b> |

Licensee Comments: none

## Reactor Coolant System Leakage



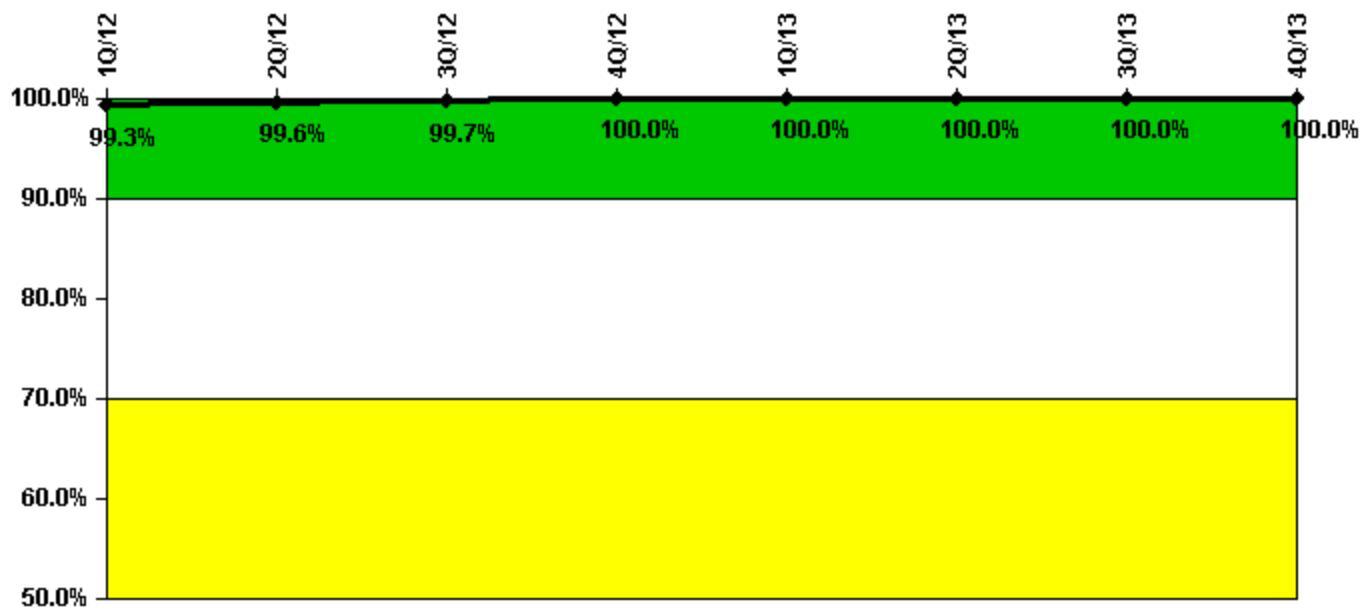
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Leakage | 1/12        | 2/12        | 3/12        | 4/12        | 5/12        | 6/12        | 7/12        | 8/12        | 9/12        | 10/12       | 11/12       | 12/12       |
|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Maximum leakage                | 3.300       | 3.200       | 3.800       | 3.700       | 3.300       | 3.500       | 3.500       | 3.200       | 3.100       | 3.200       | 3.400       | 3.200       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| <b>Indicator value</b>         | <b>13.2</b> | <b>12.8</b> | <b>15.2</b> | <b>14.8</b> | <b>13.2</b> | <b>14.0</b> | <b>14.0</b> | <b>12.8</b> | <b>12.4</b> | <b>12.8</b> | <b>13.6</b> | <b>12.8</b> |
| Reactor Coolant System Leakage | 1/13        | 2/13        | 3/13        | 4/13        | 5/13        | 6/13        | 7/13        | 8/13        | 9/13        | 10/13       | 11/13       | 12/13       |
| Maximum leakage                | 3.200       | 3.200       | 3.300       | 3.700       | 3.500       | 3.300       | 3.300       | 3.300       | 3.300       | 3.300       | 3.600       | 3.400       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| <b>Indicator value</b>         | <b>12.8</b> | <b>12.8</b> | <b>13.2</b> | <b>14.8</b> | <b>14.0</b> | <b>13.2</b> | <b>13.2</b> | <b>13.2</b> | <b>13.2</b> | <b>14.4</b> | <b>13.6</b> |             |

Licensee Comments: none

### **Drill/Exercise Performance**



Thresholds: White < 90.0% Yellow < 70.0%

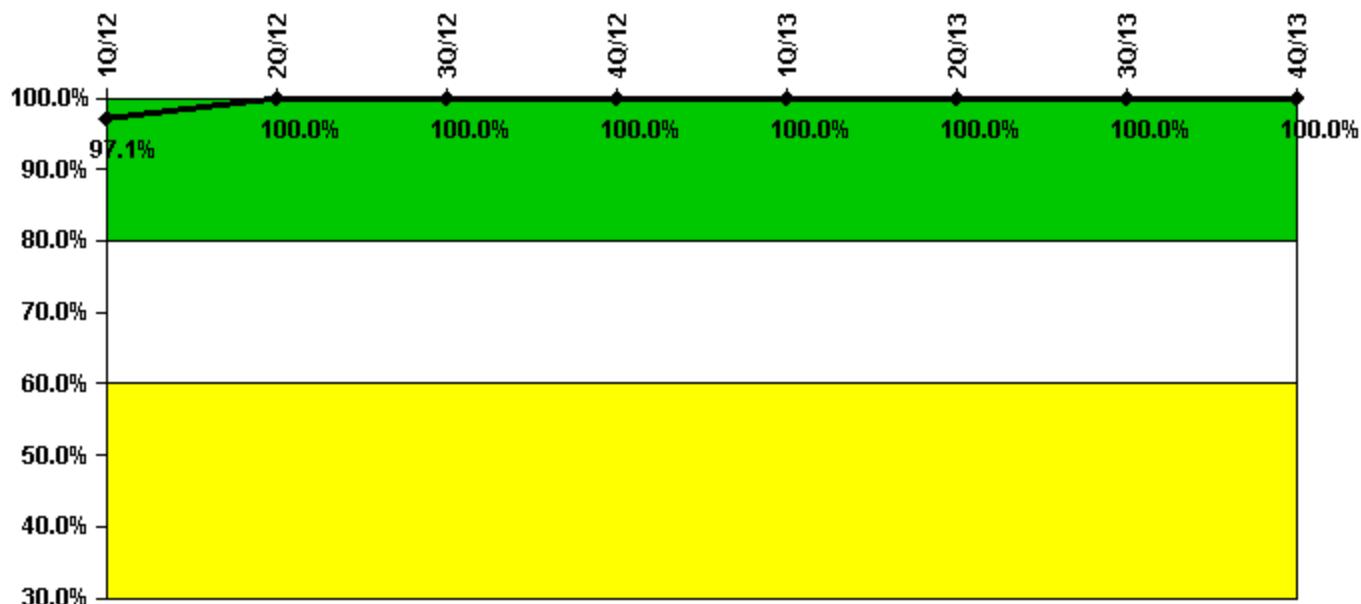
#### **Notes**

| Drill/Exercise Performance | 1Q/12        | 2Q/12        | 3Q/12        | 4Q/12         | 1Q/13         | 2Q/13         | 3Q/13         | 4Q/13         |
|----------------------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|
| Successful opportunities   | 24.0         | 64.0         | 23.0         | 33.0          | 10.0          | 49.0          | 30.0          | 30.0          |
| Total opportunities        | 24.0         | 64.0         | 23.0         | 33.0          | 10.0          | 49.0          | 30.0          | 30.0          |
| <b>Indicator value</b>     | <b>99.3%</b> | <b>99.6%</b> | <b>99.7%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> |

Licensee Comments: none

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### **ERO Drill Participation**



Thresholds: White < 80.0% Yellow < 60.0%

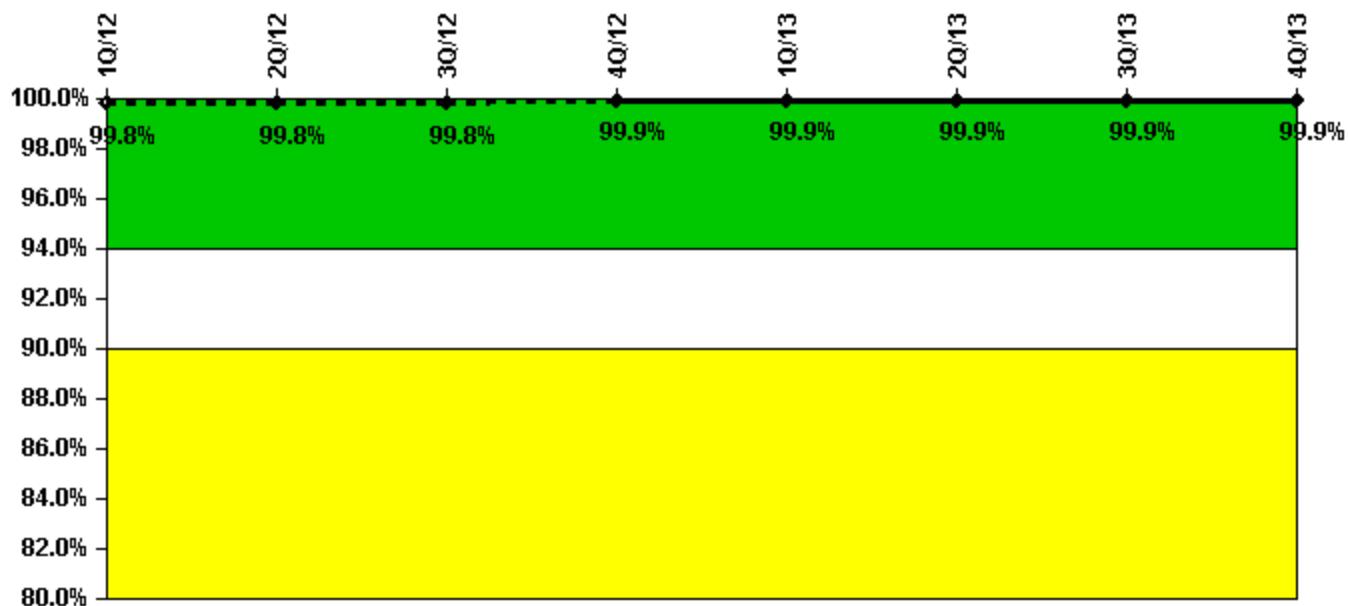
#### **Notes**

| <b>ERO Drill Participation</b> | <b>1Q/12</b> | <b>2Q/12</b>  | <b>3Q/12</b>  | <b>4Q/12</b>  | <b>1Q/13</b>  | <b>2Q/13</b>  | <b>3Q/13</b>  | <b>4Q/13</b>  |
|--------------------------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Participating Key personnel    | 68.0         | 68.0          | 69.0          | 71.0          | 70.0          | 68.0          | 68.0          | 67.0          |
| Total Key personnel            | 70.0         | 68.0          | 69.0          | 71.0          | 70.0          | 68.0          | 68.0          | 67.0          |
| <b>Indicator value</b>         | <b>97.1%</b> | <b>100.0%</b> |

Licensee Comments: none

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## **Alert & Notification System**



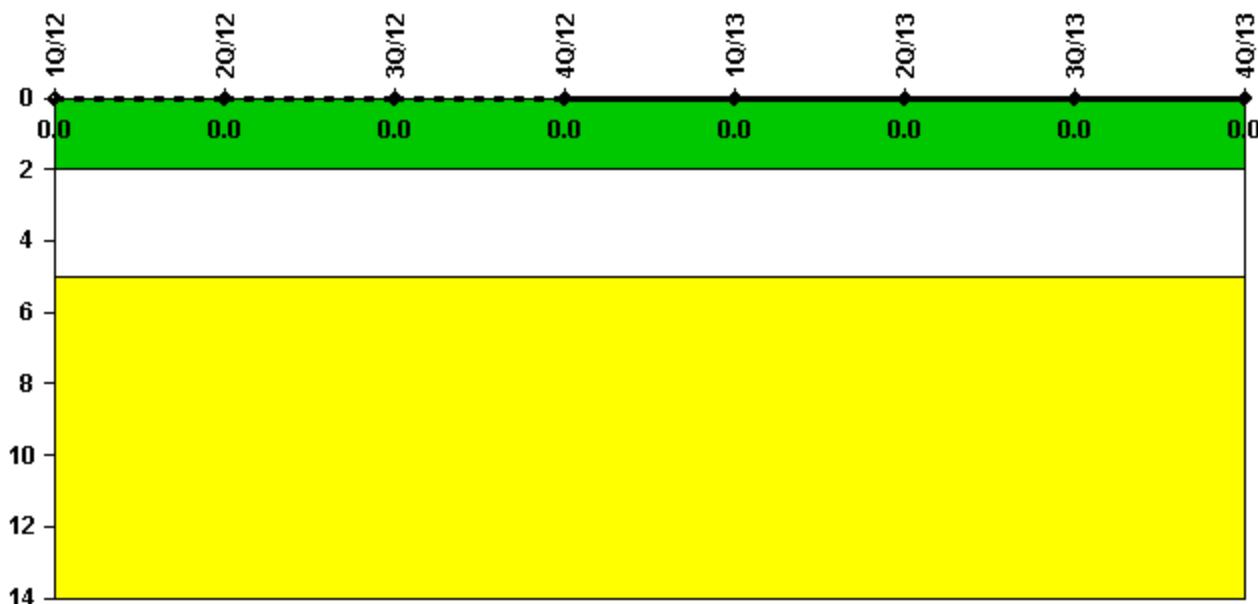
Thresholds: White < 94.0% Yellow < 90.0%

### Notes

| Alert & Notification System | 1Q/12        | 2Q/12        | 3Q/12        | 4Q/12        | 1Q/13        | 2Q/13        | 3Q/13        | 4Q/13        |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests      | 2207         | 2172         | 2137         | 2175         | 2175         | 2170         | 2176         | 2175         |
| Total sirens-tests          | 2210         | 2176         | 2142         | 2176         | 2176         | 2176         | 2176         | 2176         |
| <b>Indicator value</b>      | <b>99.8%</b> | <b>99.8%</b> | <b>99.8%</b> | <b>99.9%</b> | <b>99.9%</b> | <b>99.9%</b> | <b>99.9%</b> | <b>99.9%</b> |

Licensee Comments: none

## **Occupational Exposure Control Effectiveness**



Thresholds: White > 2.0 Yellow > 5.0

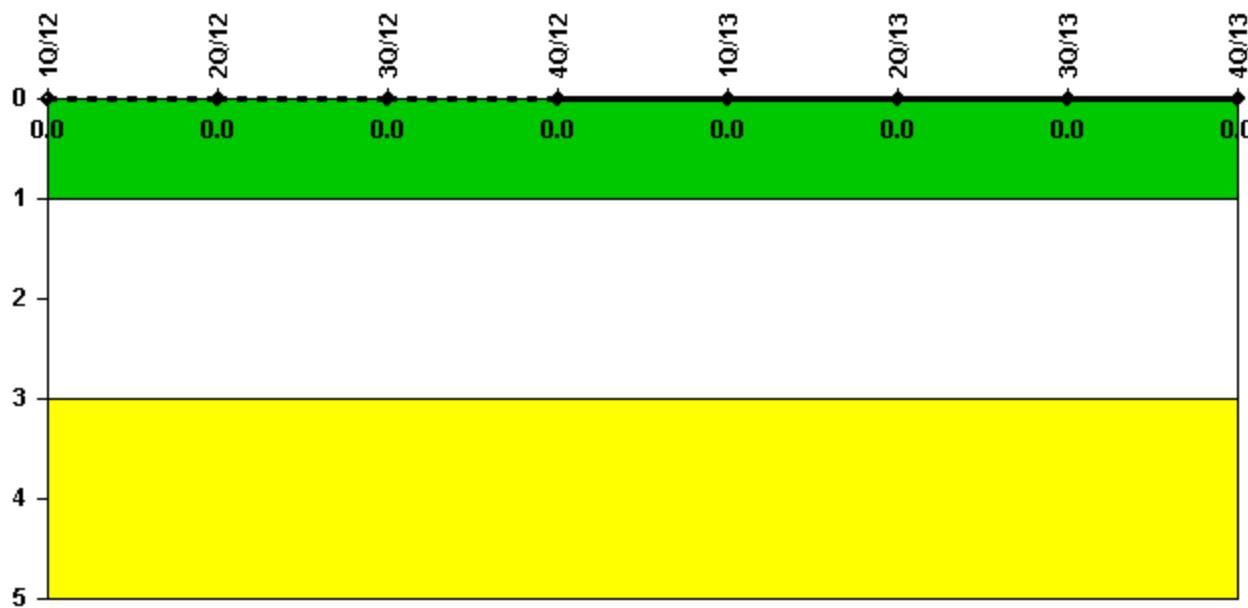
### Notes

| Occupational Exposure Control Effectiveness | 1Q/12    | 2Q/12    | 3Q/12    | 4Q/12    | 1Q/13    | 2Q/13    | 3Q/13    | 4Q/13    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>0</b> |

Licensee Comments: none

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## RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

### Notes

| RETS/ODCM Radiological Effluent | 1Q/12    | 2Q/12    | 3Q/12    | 4Q/12    | 1Q/13    | 2Q/13    | 3Q/13    | 4Q/13    |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| RETS/ODCM occurrences           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>          | <b>0</b> |

Licensee Comments: none

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Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

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[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

*Last Modified: January 22, 2014*

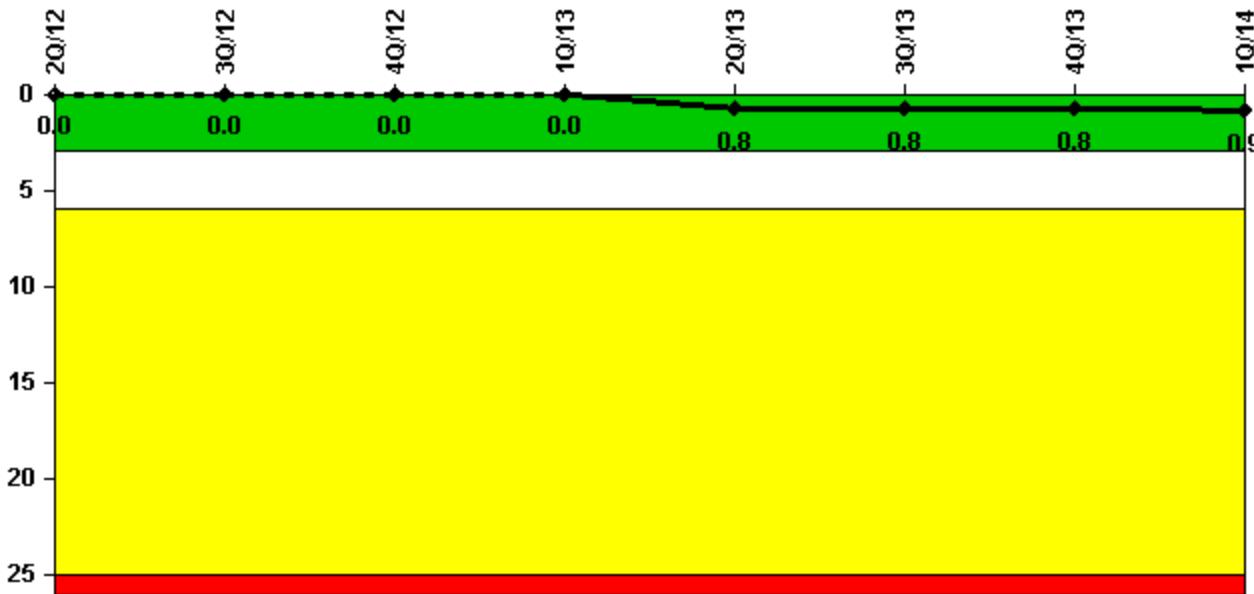
# La Salle 1

## 1Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

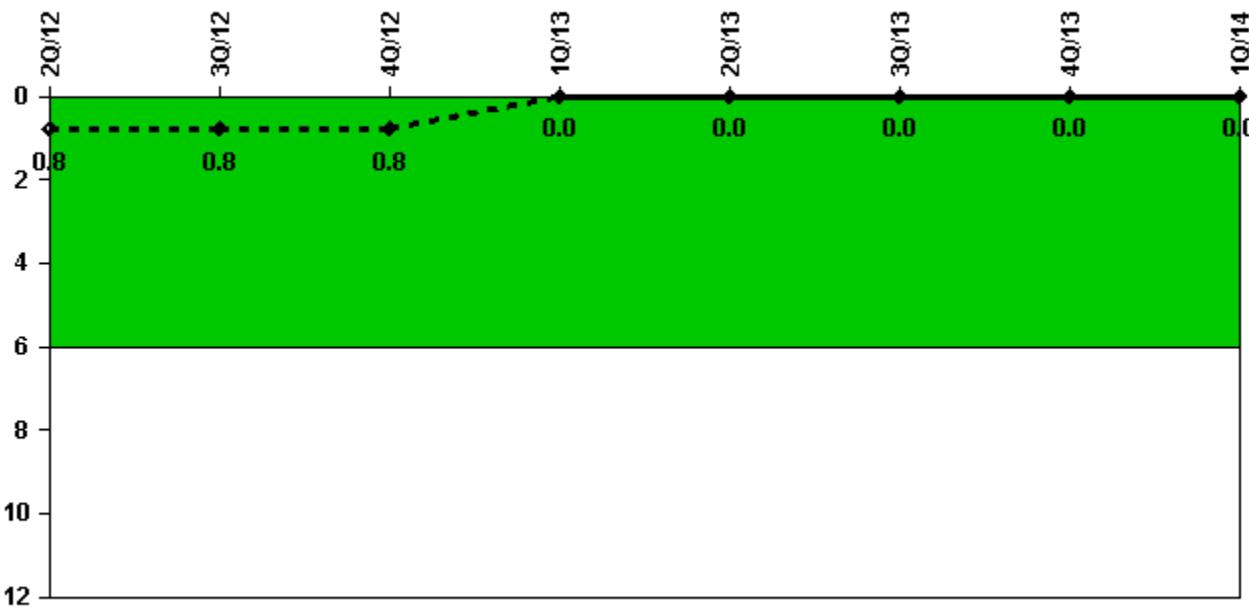
### Notes

| Unplanned Scrams per 7000 Critical Hrs | 2Q/12  | 3Q/12  | 4Q/12  | 1Q/13  | 2Q/13  | 3Q/13  | 4Q/13  | 1Q/14  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 0      | 0      | 0      | 1.0    | 0      | 0      | 0      |
| Critical hours                         | 2184.0 | 2208.0 | 2209.0 | 2159.0 | 1954.2 | 2208.0 | 2209.0 | 1754.0 |
| Indicator value                        | 0      | 0      | 0      | 0      | 0.8    | 0.8    | 0.8    | 0.9    |

Licensee Comments:

1Q/14: An internal review identified a data entry error in 2nd Qtr 2013 critical hours for both Units. On Unit 1, the critical hours for April 2013 were increased from 432.5 to 490.2 hours. This changed the critical hours input into the Unplanned Scrams and Unplanned Power Changes per 7,000 Critical Hours indicators, and the MSPI indicators, as shown in the 1st Qtr 2014 Change File. Correction of the error did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

### **Unplanned Power Changes per 7000 Critical Hrs**



Thresholds: White > 6.0

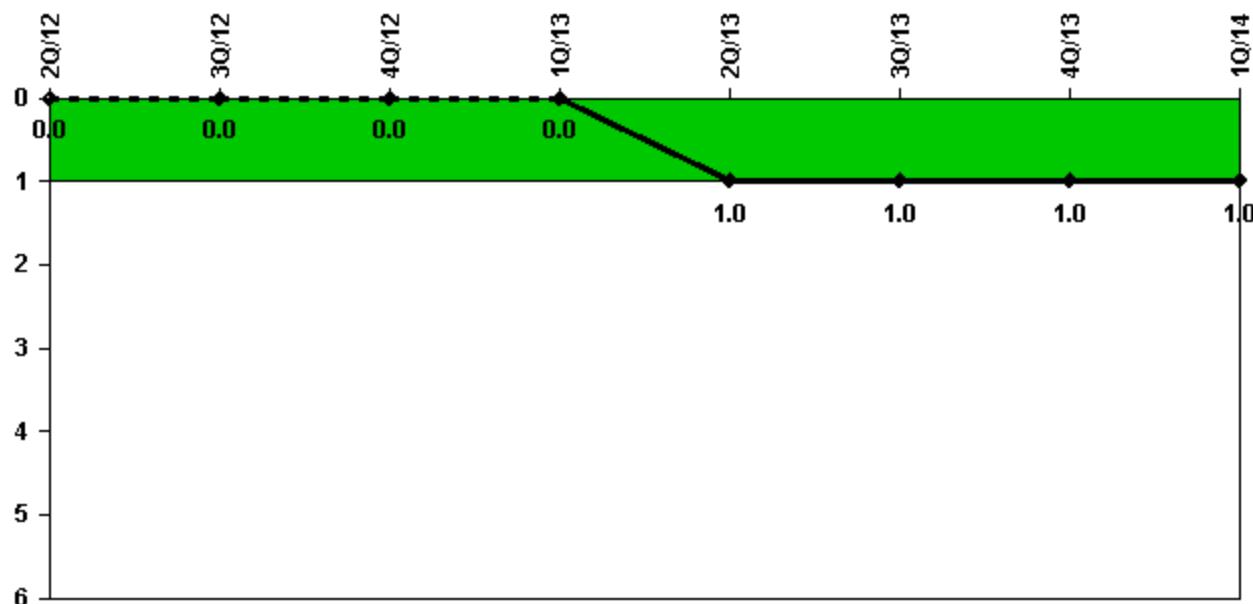
#### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 2Q/12      | 3Q/12      | 4Q/12      | 1Q/13    | 2Q/13    | 3Q/13    | 4Q/13    | 1Q/14    |
|---|------------|------------|------------|----------|----------|----------|----------|----------|
| Unplanned power changes                       | 0          | 0          | 0          | 0        | 0        | 0        | 0        | 0        |
| Critical hours                                | 2184.0     | 2208.0     | 2209.0     | 2159.0   | 1954.2   | 2208.0   | 2209.0   | 1754.0   |
| <b>Indicator value</b>                        | <b>0.8</b> | <b>0.8</b> | <b>0.8</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> |

#### Licensee Comments:

1Q/14: An internal review identified a data entry error in 2nd Qtr 2013 critical hours for both Units. On Unit 1, the critical hours for April 2013 were increased from 432.5 to 490.2 hours. This changed the critical hours input into the Unplanned Scrams and Unplanned Power Changes per 7,000 Critical Hours indicators, and the MSPI indicators, as shown in the 1st Qtr 2014 Change File. Correction of the error did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

### **Unplanned Scrams with Complications**



Thresholds: White > 1.0

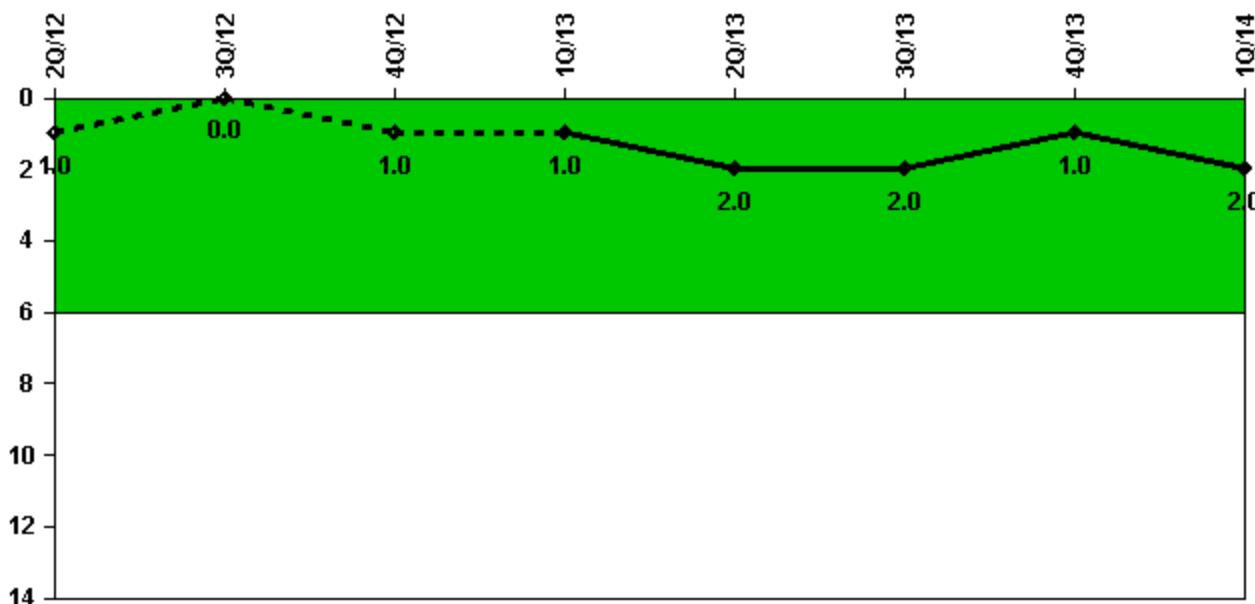
#### **Notes**

| <b>Unplanned Scrams with Complications</b> | <b>2Q/12</b> | <b>3Q/12</b> | <b>4Q/12</b> | <b>1Q/13</b> | <b>2Q/13</b> | <b>3Q/13</b> | <b>4Q/13</b> | <b>1Q/14</b> |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Scrams with complications                  | 0            | 0            | 0            | 0            | 1.0          | 0            | 0            | 0            |
|  |              |              |              |              |              |              |              |              |
|  |              |              |              |              |              |              |              |              |
| <b>Indicator value</b>                     | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>1.0</b>   | <b>1.0</b>   | <b>1.0</b>   | <b>1.0</b>   |

Licensee Comments: none

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## Safety System Functional Failures (BWR)



Thresholds: White > 6.0

### Notes

| Safety System Functional Failures (BWR) | 2Q/12    | 3Q/12    | 4Q/12    | 1Q/13    | 2Q/13    | 3Q/13    | 4Q/13    | 1Q/14    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Safety System Functional Failures       | 0        | 0        | 1        | 0        | 1        | 0        | 0        | 1        |
| Indicator value                         | <b>1</b> | <b>0</b> | <b>1</b> | <b>1</b> | <b>2</b> | <b>2</b> | <b>1</b> | <b>2</b> |

### Licensee Comments:

1Q/14: LER 373-2013-008-00. Also, Unit 1 Safety System Functional Failures for April 2013 were changed from 1 to 0, as an engineering evaluation determined that the secondary containment inoperability did not result in a loss of safety function as defined by NEI 99-02. See LER 373-2013-001-02. Unit 1 Safety System Functional Failures for June 2013 were changed from 2 to 1, as further review determined that the April LOOP event was not reportable under 10 CFR 50.73(a)(2)(v)(D). See LER 373-2013-002-02. Unit 1 Safety System Functional Failures for December 2013 were changed from 1 to 0, as an engineering evaluation determined that the secondary containment inoperability did not result in a loss of safety function as defined by NEI 99-02. See LER 373-2013-007-01.

4Q/13: LER 373-2013-007

4Q/13: LER 373-2013-007-00

2Q/13: LERs 373-2013-001-00, 373-2013-002-00, and 373-2013-003-00.

2Q/13: LERs 373-2013-001, 373-2013-002, and 373-2013-003

4Q/12: LER 373-2012-001-00

### Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

#### Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 2Q/12            | 3Q/12            | 4Q/12            | 1Q/13            | 2Q/13            | 3Q/13            | 4Q/13            | 1Q/14            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)   | -4.09E-09        | -4.09E-09        | -4.09E-09        | -4.09E-09        | -6.29E-09        | -6.29E-09        | -6.29E-09        | -6.29E-09        |
| URI ( $\Delta$ CDF)   | -2.24E-08        | -2.22E-08        | -2.20E-08        | -2.18E-08        | -3.17E-08        | -3.15E-08        | -3.12E-08        | -3.09E-08        |
| PLE   | NO               |
| Indicator value   | <b>-2.70E-08</b> | <b>-2.60E-08</b> | <b>-2.60E-08</b> | <b>-2.60E-08</b> | <b>-3.80E-08</b> | <b>-3.80E-08</b> | <b>-3.70E-08</b> | <b>-3.70E-08</b> |

#### Licensee Comments:

3Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

2Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

## Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 2Q/12           | 3Q/12           | 4Q/12           | 1Q/13            | 2Q/13            | 3Q/13            | 4Q/13            | 1Q/14           |
|--|-----------------|-----------------|-----------------|------------------|------------------|------------------|------------------|-----------------|
| UAI ( $\Delta$ CDF)  | 2.36E-09        | 3.16E-09        | 1.95E-10        | -2.20E-09        | -1.43E-09        | -2.71E-10        | 1.01E-08         | 1.75E-08        |
| URI ( $\Delta$ CDF)  | 6.44E-08        | 6.54E-08        | 6.64E-08        | -2.10E-08        | -1.45E-08        | -1.42E-08        | -1.40E-08        | -1.37E-08       |
| PLE  | NO              | NO              | NO              | NO               | NO               | NO               | NO               | NO              |
| <b>Indicator value</b>   | <b>6.70E-08</b> | <b>6.90E-08</b> | <b>6.70E-08</b> | <b>-2.30E-08</b> | <b>-1.60E-08</b> | <b>-1.50E-08</b> | <b>-3.90E-09</b> | <b>3.70E-09</b> |

### Licensee Comments:

1Q/14: An internal review identified a data entry error in 2nd Qtr 2013 critical hours for both Units. On Unit 1, the critical hours for April 2013 were increased from 432.5 to 490.2 hours. This changed the critical hours input into the Unplanned Scrams and Unplanned Power Changes per 7,000 Critical Hours indicators, and the MSPI indicators, as shown in the 1st Qtr 2014 Change File. Correction of the error did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

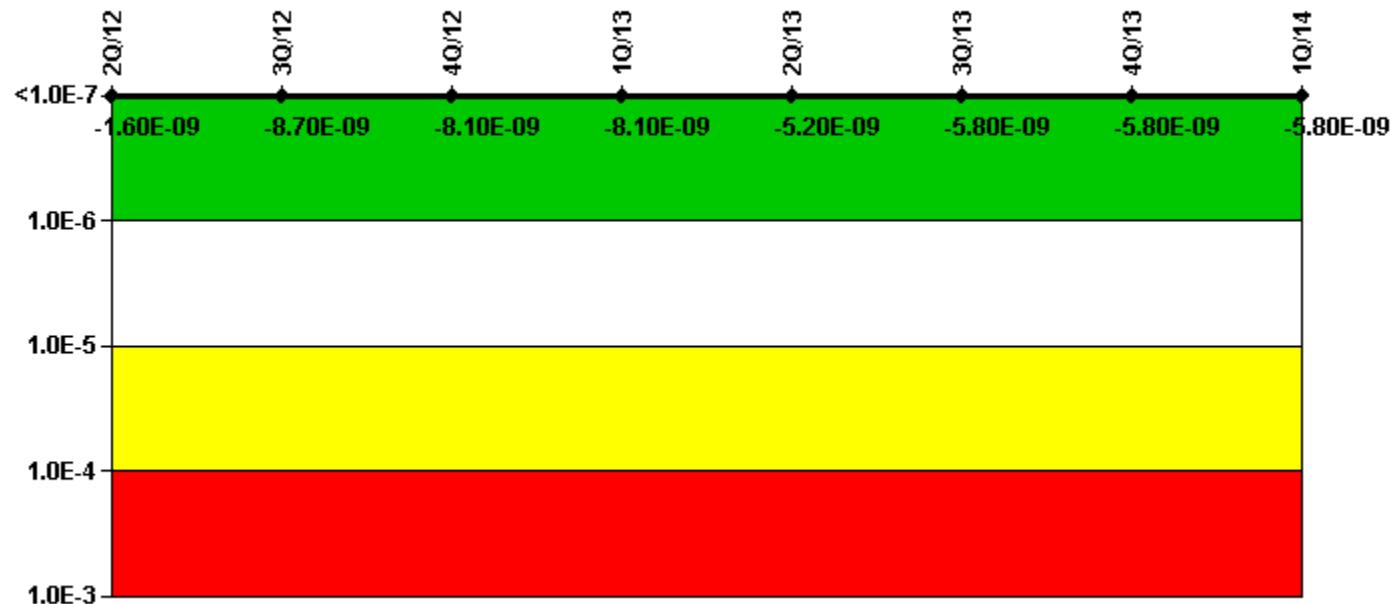
3Q/13: A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

3Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

2Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

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### Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Heat Removal System | 2Q/12            | 3Q/12            | 4Q/12            | 1Q/13            | 2Q/13            | 3Q/13            | 4Q/13            | 1Q/14            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)                                       | -1.39E-09        | -1.89E-09        | -1.29E-09        | -1.33E-09        | -5.65E-10        | -1.16E-09        | -1.16E-09        | -1.15E-09        |
| URI ( $\Delta$ CDF)                                       | -2.03E-10        | -6.79E-09        | -6.79E-09        | -6.79E-09        | -4.66E-09        | -4.66E-09        | -4.66E-09        | -4.66E-09        |
| PLE   | NO               |
| Indicator value   | <b>-1.60E-09</b> | <b>-8.70E-09</b> | <b>-8.10E-09</b> | <b>-8.10E-09</b> | <b>-5.20E-09</b> | <b>-5.80E-09</b> | <b>-5.80E-09</b> | <b>-5.80E-09</b> |

### Licensee Comments:

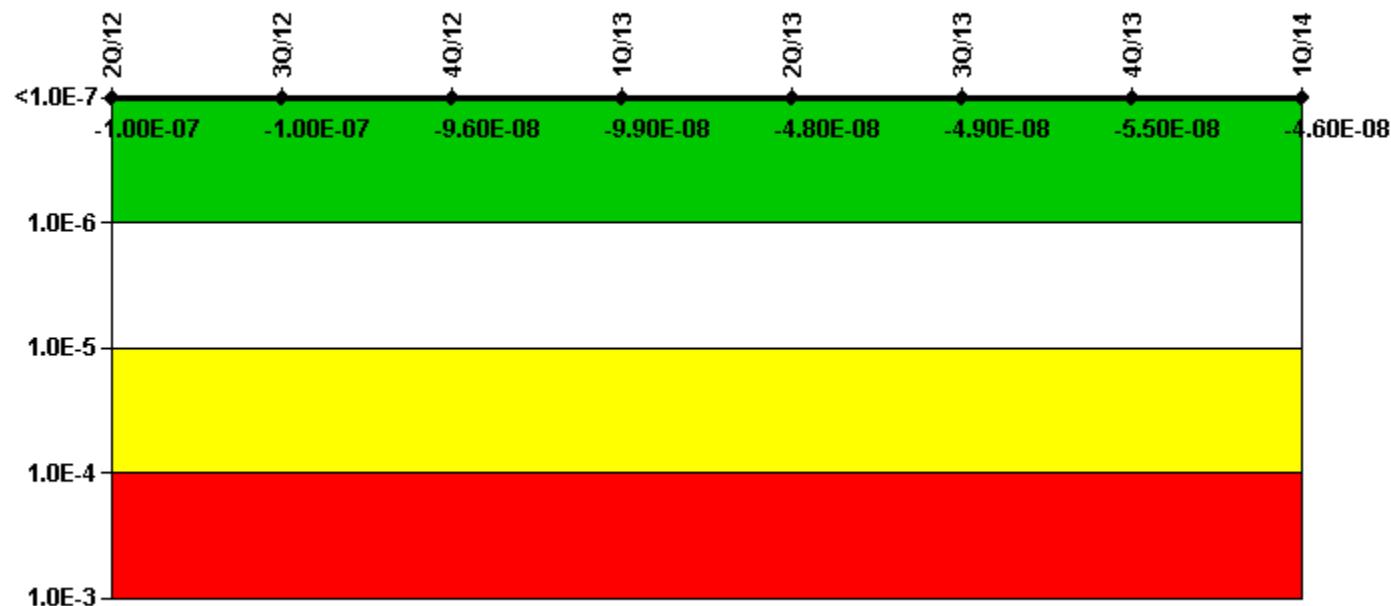
1Q/14: An internal review identified a data entry error in 2nd Qtr 2013 critical hours for both Units. On Unit 1, the critical hours for April 2013 were increased from 432.5 to 490.2 hours. This changed the critical hours input into the Unplanned Scrams and Unplanned Power Changes per 7,000 Critical Hours indicators, and the MSPI indicators, as shown in the 1st Qtr 2014 Change File. Correction of the error did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

3Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

2Q/13: A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

2Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

### Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 2Q/12            | 3Q/12            | 4Q/12            | 1Q/13            | 2Q/13            | 3Q/13            | 4Q/13            | 1Q/14            |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)  | -1.79E-08        | -1.81E-08        | -1.17E-08        | -1.41E-08        | 1.13E-09         | 2.35E-10         | -5.60E-09        | 3.52E-09         |
| URI ( $\Delta$ CDF)  | -8.44E-08        | -8.44E-08        | -8.44E-08        | -8.44E-08        | -4.94E-08        | -4.94E-08        | -4.94E-08        | -4.94E-08        |
| PLE  | NO               |
| Indicator value  | <b>-1.00E-07</b> | <b>-1.00E-07</b> | <b>-9.60E-08</b> | <b>-9.90E-08</b> | <b>-4.80E-08</b> | <b>-4.90E-08</b> | <b>-5.50E-08</b> | <b>-4.60E-08</b> |

Licensee Comments:

1Q/14: An internal review identified a data entry error in 2nd Qtr 2013 critical hours for both Units. On Unit 1, the critical hours for April 2013 were increased from 432.5 to 490.2 hours. This changed the critical hours input into the Unplanned Scrams and Unplanned Power Changes per 7,000 Critical Hours indicators, and the MSPI indicators, as shown in the 1st Qtr 2014 Change File. Correction of the error did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

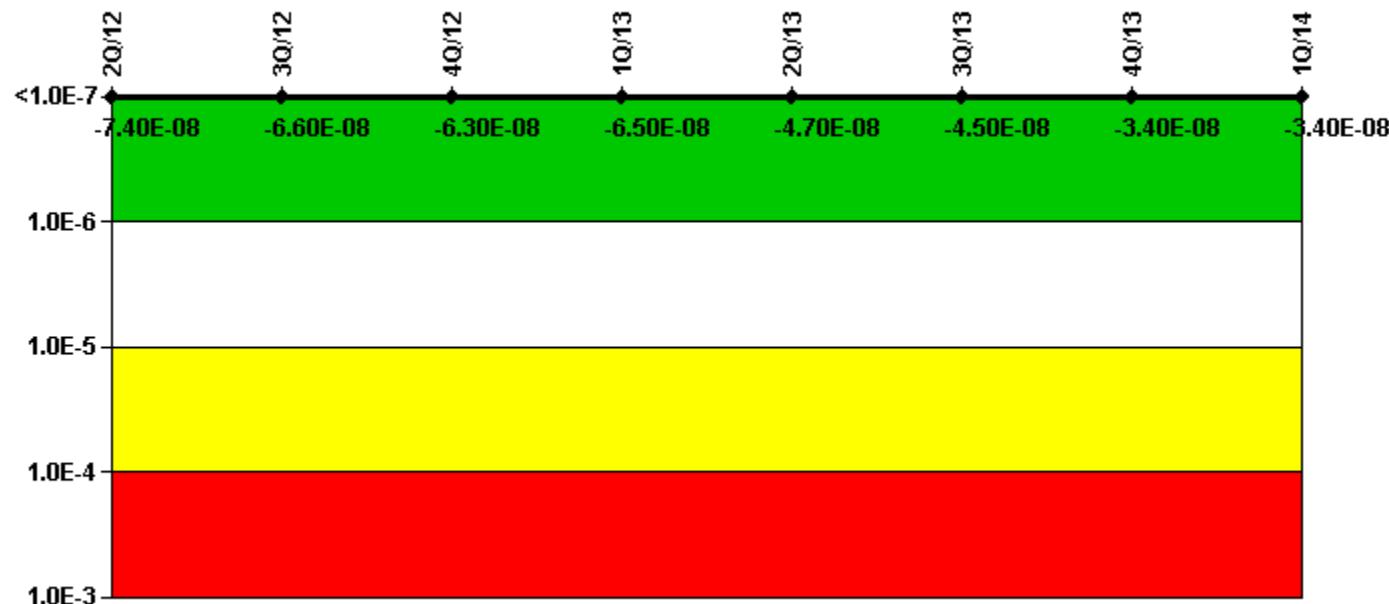
3Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

3Q/13: A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

2Q/13: A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

2Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

### Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 2Q/12    | 3Q/12    | 4Q/12    | 1Q/13    | 2Q/13    | 3Q/13    | 4Q/13    | 1Q/14    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| UAI ( $\Delta$ CDF)   | 3.10E-08 | 3.84E-08 | 4.13E-08 | 3.99E-08 | 1.62E-08 | 1.80E-08 | 2.89E-08 | 2.95E-08 |
|   | -1.05E-  | -1.05E-  | -1.05E-  | -1.05E-  | -6.33E-  | -6.33E-  | -6.33E-  | -6.33E-  |

|                        |                  |                  |                  |                  |                  |                  |                  |                  |
|------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| URI ( $\Delta$ CDF)    | 07               | 07               | 07               | 07               | 08               | 08               | 08               | 08               |
| PLE                    | NO               |
|                        |                  |                  |                  |                  |                  |                  |                  |                  |
| <b>Indicator value</b> | <b>-7.40E-08</b> | <b>-6.60E-08</b> | <b>-6.30E-08</b> | <b>-6.50E-08</b> | <b>-4.70E-08</b> | <b>-4.50E-08</b> | <b>-3.40E-08</b> | <b>-3.40E-08</b> |

## Licensee Comments:

1Q/14: An internal review identified a data entry error in 2nd Qtr 2013 critical hours for both Units. On Unit 1, the critical hours for April 2013 were increased from 432.5 to 490.2 hours. This changed the critical hours input into the Unplanned Scrams and Unplanned Power Changes per 7,000 Critical Hours indicators, and the MSPI indicators, as shown in the 1st Qtr 2014 Change File. Correction of the error did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

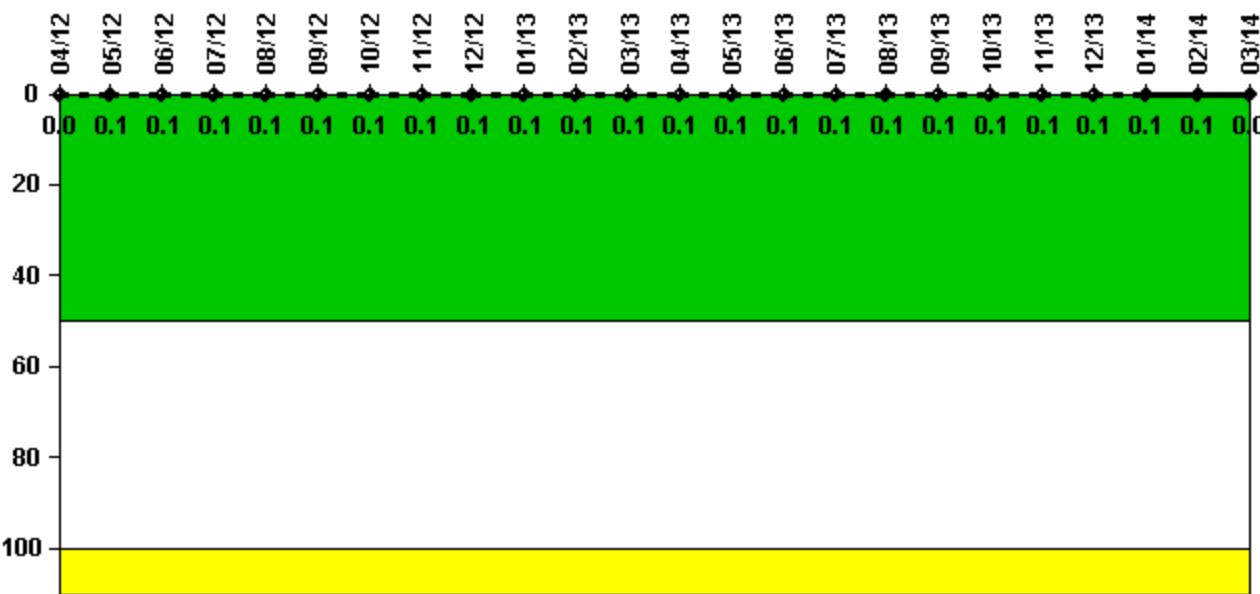
3Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

3Q/13: A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

2Q/13: A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

2Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

## Reactor Coolant System Activity



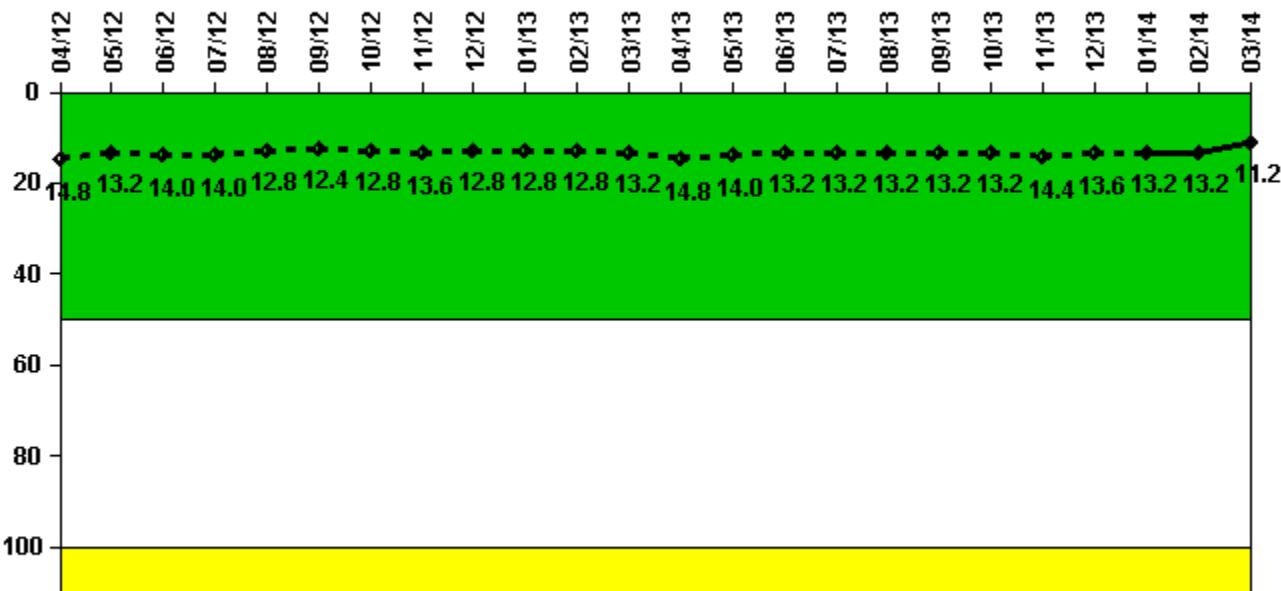
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Activity | 4/12     | 5/12     | 6/12     | 7/12     | 8/12     | 9/12     | 10/12    | 11/12    | 12/12    | 1/13     | 2/13     | 3/13     |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity                | 0.000089 | 0.000136 | 0.000106 | 0.000110 | 0.000101 | 0.000118 | 0.000162 | 0.000121 | 0.000136 | 0.000134 | 0.000134 | 0.000157 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0        | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      |
| Reactor Coolant System Activity | 4/13     | 5/13     | 6/13     | 7/13     | 8/13     | 9/13     | 10/13    | 11/13    | 12/13    | 1/14     | 2/14     | 3/14     |
| Maximum activity                | 0.000159 | 0.000149 | 0.000178 | 0.000215 | 0.000282 | 0.000183 | 0.000170 | 0.000167 | 0.000212 | 0.000151 | 0.000132 | 0.000059 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0        |

Licensee Comments: none

## Reactor Coolant System Leakage



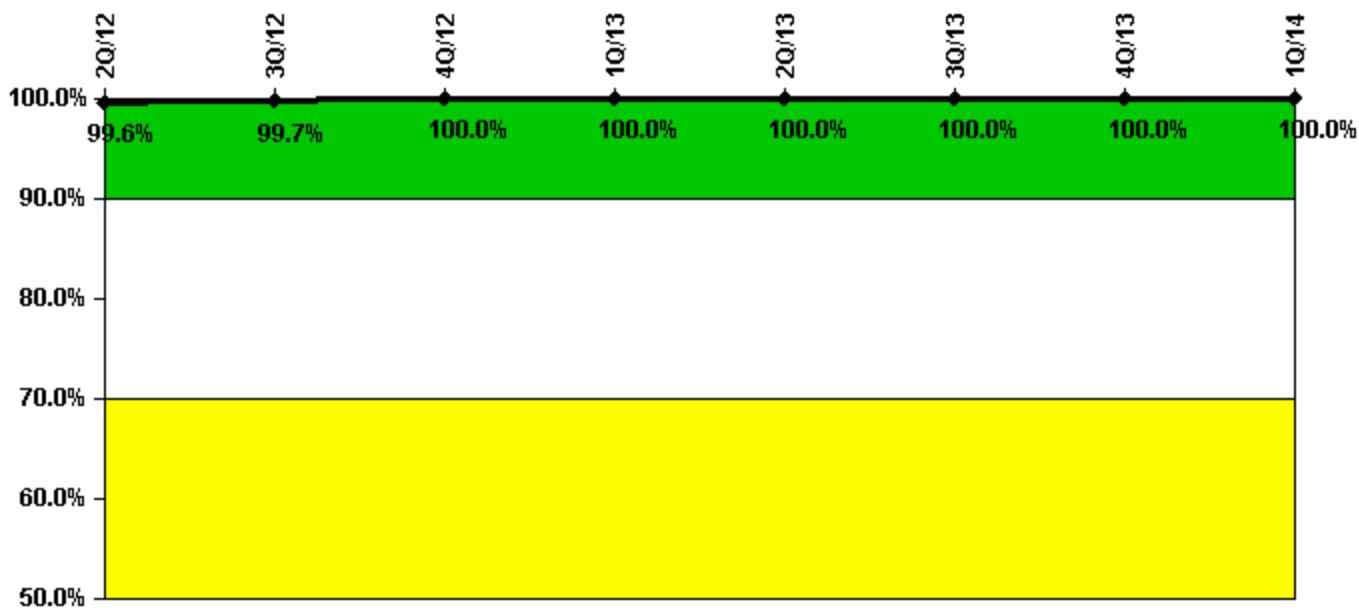
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Leakage | 4/12        | 5/12        | 6/12        | 7/12        | 8/12        | 9/12        | 10/12       | 11/12       | 12/12       | 1/13        | 2/13        | 3/13        |
|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Maximum leakage                | 3.700       | 3.300       | 3.500       | 3.500       | 3.200       | 3.100       | 3.200       | 3.400       | 3.200       | 3.200       | 3.200       | 3.300       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| <b>Indicator value</b>         | <b>14.8</b> | <b>13.2</b> | <b>14.0</b> | <b>14.0</b> | <b>12.8</b> | <b>12.4</b> | <b>12.8</b> | <b>13.6</b> | <b>12.8</b> | <b>12.8</b> | <b>12.8</b> | <b>13.2</b> |
| Reactor Coolant System Leakage | 4/13        | 5/13        | 6/13        | 7/13        | 8/13        | 9/13        | 10/13       | 11/13       | 12/13       | 1/14        | 2/14        | 3/14        |
| Maximum leakage                | 3.700       | 3.500       | 3.300       | 3.300       | 3.300       | 3.300       | 3.300       | 3.600       | 3.400       | 3.300       | 3.300       | 2.800       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| <b>Indicator value</b>         | <b>14.8</b> | <b>14.0</b> | <b>13.2</b> | <b>13.2</b> | <b>13.2</b> | <b>13.2</b> | <b>13.2</b> | <b>14.4</b> | <b>13.6</b> | <b>13.2</b> | <b>13.2</b> | <b>11.2</b> |

Licensee Comments: none

### Drill/Exercise Performance



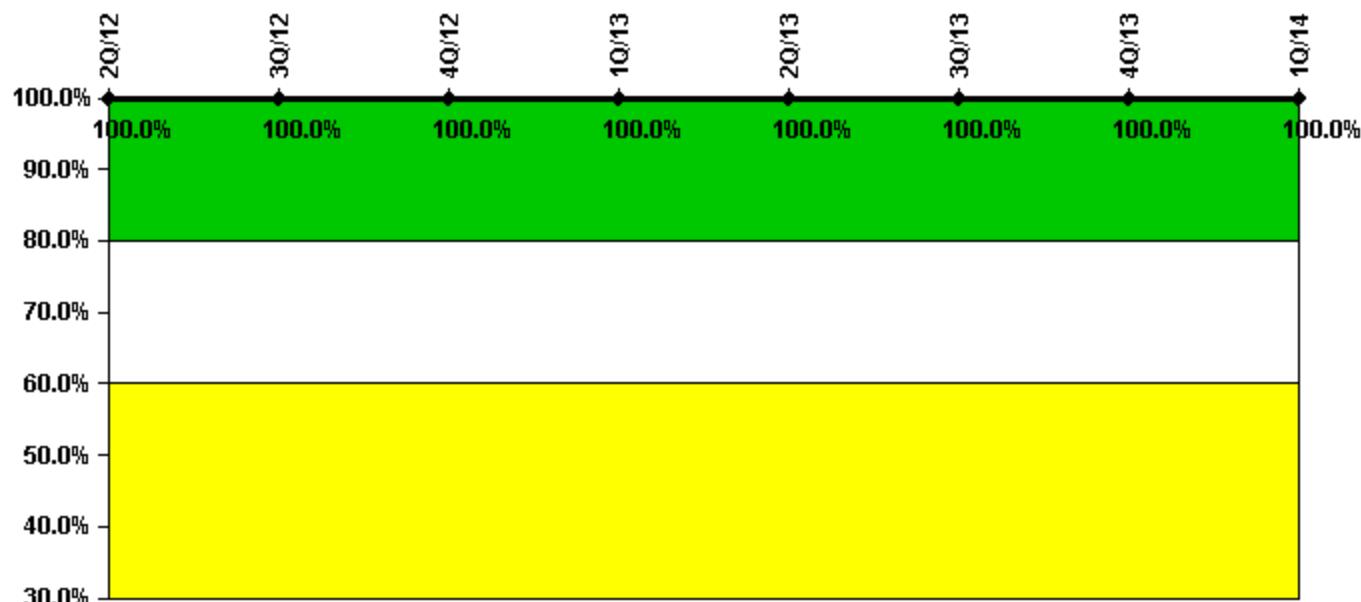
Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

| Drill/Exercise Performance | 2Q/12 | 3Q/12 | 4Q/12  | 1Q/13  | 2Q/13  | 3Q/13  | 4Q/13  | 1Q/14  |
|----------------------------|-------|-------|--------|--------|--------|--------|--------|--------|
| Successful opportunities   | 64.0  | 23.0  | 33.0   | 10.0   | 49.0   | 30.0   | 30.0   | 17.0   |
| Total opportunities        | 64.0  | 23.0  | 33.0   | 10.0   | 49.0   | 30.0   | 30.0   | 17.0   |
| Indicator value            | 99.6% | 99.7% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

### **ERO Drill Participation**



Thresholds: White < 80.0% Yellow < 60.0%

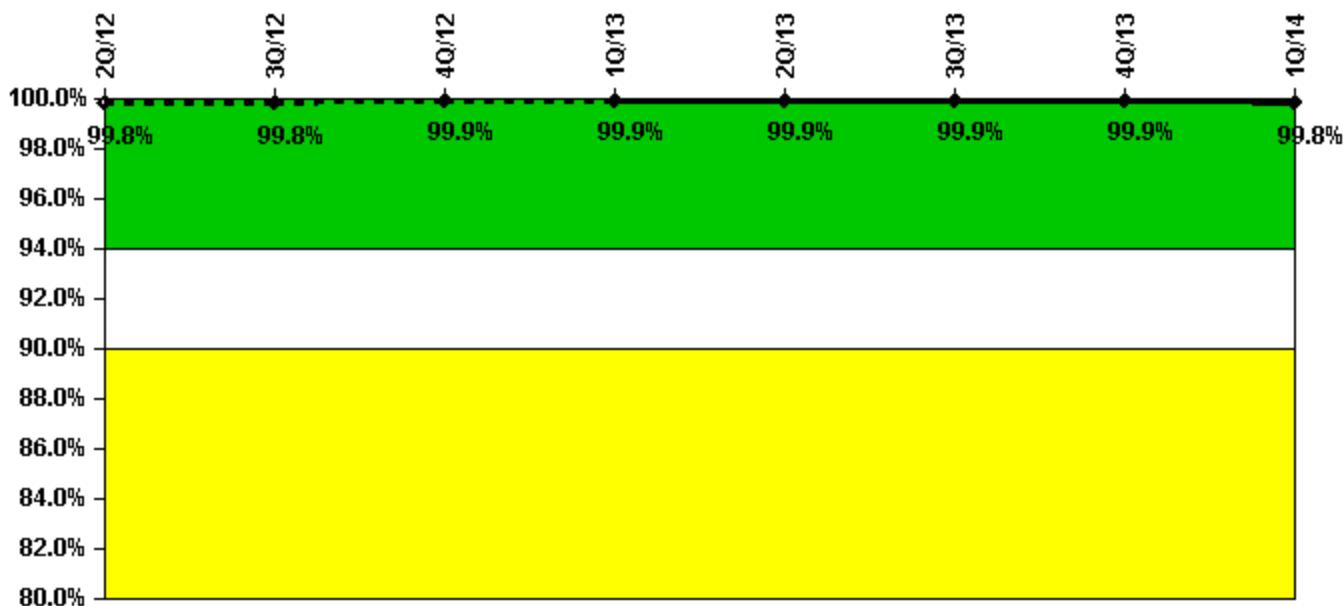
#### **Notes**

| <b>ERO Drill Participation</b> | <b>2Q/12</b>  | <b>3Q/12</b>  | <b>4Q/12</b>  | <b>1Q/13</b>  | <b>2Q/13</b>  | <b>3Q/13</b>  | <b>4Q/13</b>  | <b>1Q/14</b>  |
|--------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Participating Key personnel    | 68.0          | 69.0          | 71.0          | 70.0          | 68.0          | 68.0          | 67.0          | 65.0          |
| Total Key personnel            | 68.0          | 69.0          | 71.0          | 70.0          | 68.0          | 68.0          | 67.0          | 65.0          |
| <b>Indicator value</b>         | <b>100.0%</b> |

Licensee Comments: none

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## Alert & Notification System



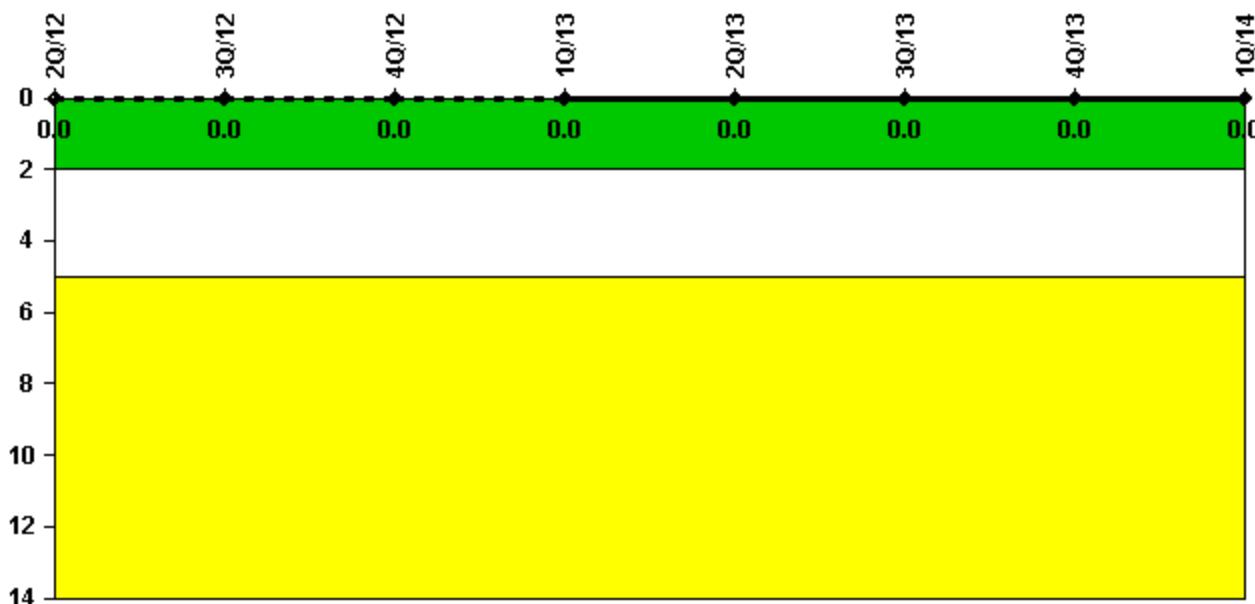
Thresholds: White < 94.0% Yellow < 90.0%

### Notes

| Alert & Notification System | 2Q/12        | 3Q/12        | 4Q/12        | 1Q/13        | 2Q/13        | 3Q/13        | 4Q/13        | 1Q/14        |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests      | 2172         | 2137         | 2175         | 2175         | 2170         | 2176         | 2175         | 2131         |
| Total sirens-tests          | 2176         | 2142         | 2176         | 2176         | 2176         | 2176         | 2176         | 2142         |
| <b>Indicator value</b>      | <b>99.8%</b> | <b>99.8%</b> | <b>99.9%</b> | <b>99.9%</b> | <b>99.9%</b> | <b>99.9%</b> | <b>99.9%</b> | <b>99.8%</b> |

Licensee Comments: none

## **Occupational Exposure Control Effectiveness**



Thresholds: White > 2.0 Yellow > 5.0

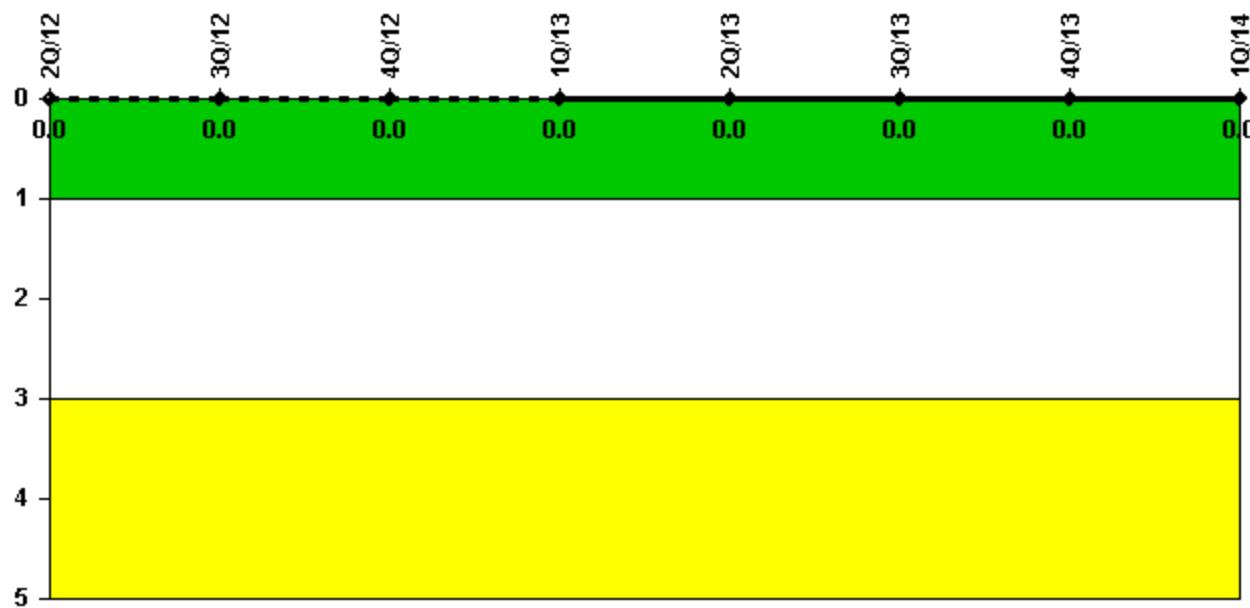
### **Notes**

| <b>Occupational Exposure Control Effectiveness</b> | <b>2Q/12</b> | <b>3Q/12</b> | <b>4Q/12</b> | <b>1Q/13</b> | <b>2Q/13</b> | <b>3Q/13</b> | <b>4Q/13</b> | <b>1Q/14</b> |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| High radiation area occurrences                    | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| Very high radiation area occurrences               | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| Unintended exposure occurrences                    | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| <b>Indicator value</b>                             | <b>0</b>     |

Licensee Comments: none

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## RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

### Notes

| RETS/ODCM Radiological Effluent | 2Q/12    | 3Q/12    | 4Q/12    | 1Q/13    | 2Q/13    | 3Q/13    | 4Q/13    | 1Q/14    |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| RETS/ODCM occurrences           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>          | <b>0</b> |

Licensee Comments: none

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Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

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[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

*Last Modified: April 23, 2014*

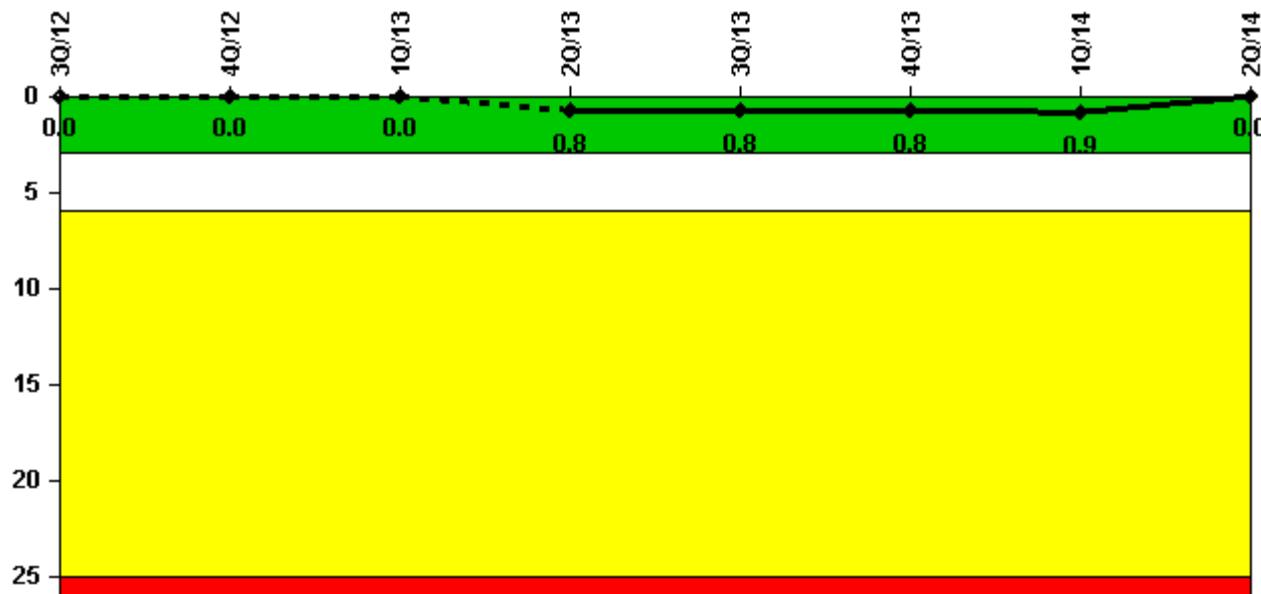
# La Salle 1

## 2Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

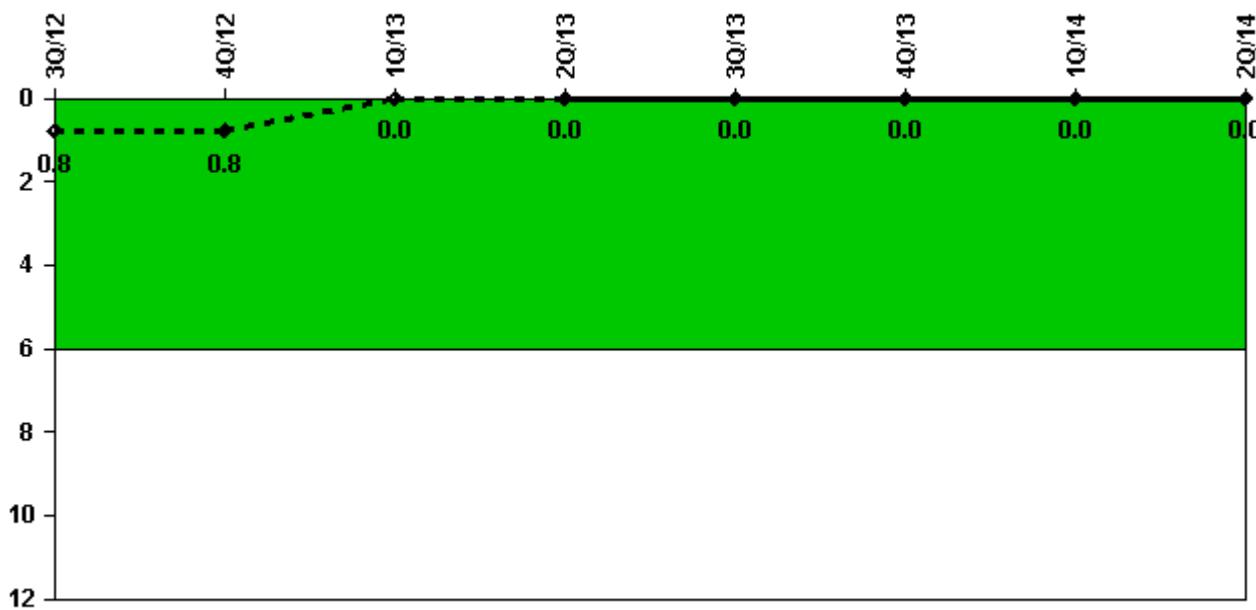
### Notes

| Unplanned Scrams per 7000 Critical Hrs | 3Q/12  | 4Q/12  | 1Q/13  | 2Q/13  | 3Q/13  | 4Q/13  | 1Q/14  | 2Q/14  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 0      | 0      | 1.0    | 0      | 0      | 0      | 0      |
| Critical hours                         | 2208.0 | 2209.0 | 2159.0 | 1954.2 | 2208.0 | 2209.0 | 1754.0 | 2184.0 |
| Indicator value                        | 0      | 0      | 0      | 0.8    | 0.8    | 0.8    | 0.9    | 0      |

Licensee Comments:

1Q/14: An internal review identified a data entry error in 2nd Qtr 2013 critical hours for both Units. On Unit 1, the critical hours for April 2013 were increased from 432.5 to 490.2 hours. This changed the critical hours input into the Unplanned Scrams and Unplanned Power Changes per 7,000 Critical Hours indicators, and the MSPI indicators, as shown in the 1st Qtr 2014 Change File. Correction of the error did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

### Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

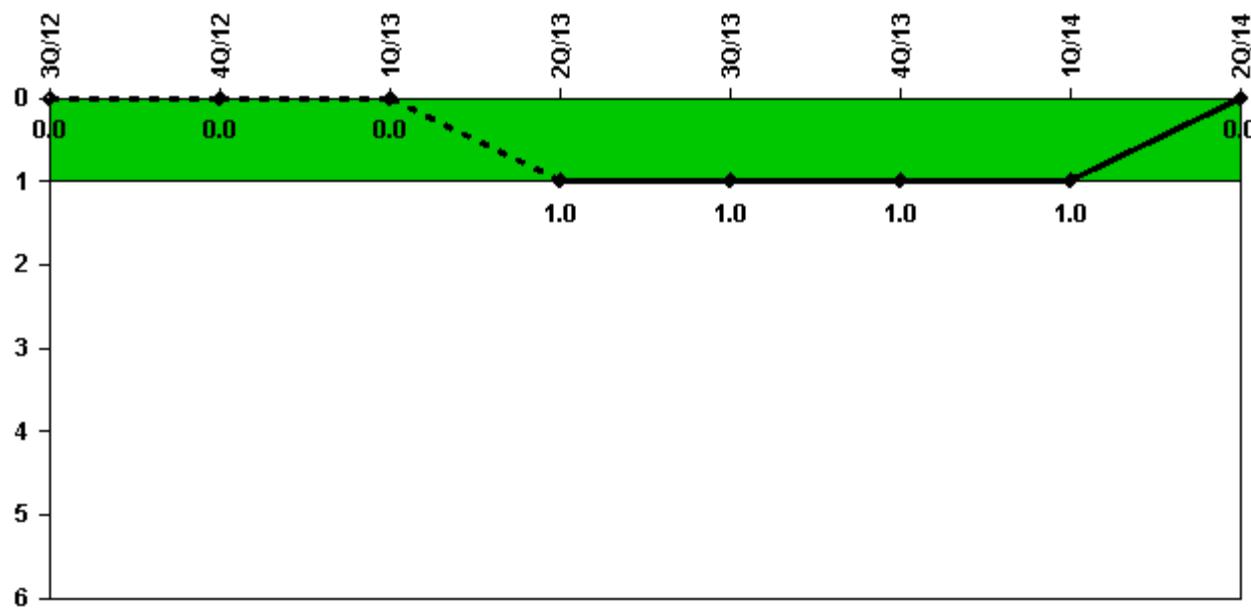
#### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 3Q/12      | 4Q/12      | 1Q/13    | 2Q/13    | 3Q/13    | 4Q/13    | 1Q/14    | 2Q/14    |
|---|------------|------------|----------|----------|----------|----------|----------|----------|
| Unplanned power changes                       | 0          | 0          | 0        | 0        | 0        | 0        | 0        | 0        |
| Critical hours                                | 2208.0     | 2209.0     | 2159.0   | 1954.2   | 2208.0   | 2209.0   | 1754.0   | 2184.0   |
| <b>Indicator value</b>                        | <b>0.8</b> | <b>0.8</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> |

#### Licensee Comments:

1Q/14: An internal review identified a data entry error in 2nd Qtr 2013 critical hours for both Units. On Unit 1, the critical hours for April 2013 were increased from 432.5 to 490.2 hours. This changed the critical hours input into the Unplanned Scrams and Unplanned Power Changes per 7,000 Critical Hours indicators, and the MSPI indicators, as shown in the 1st Qtr 2014 Change File. Correction of the error did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

### **Unplanned Scrams with Complications**



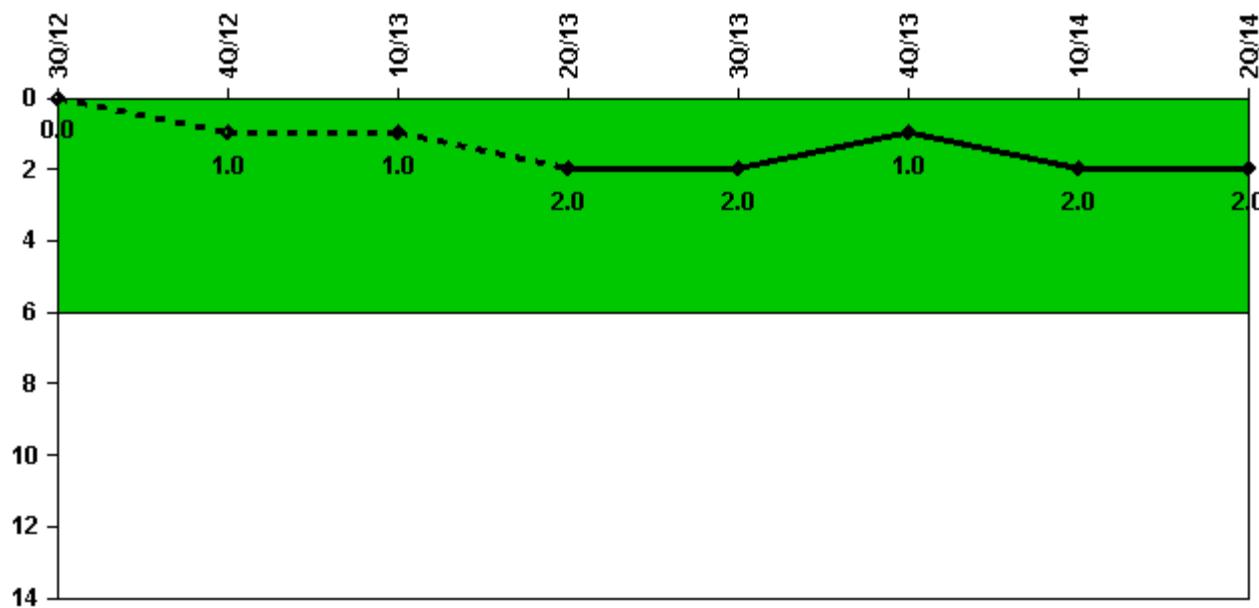
Thresholds: White > 1.0

#### **Notes**

| <b>Unplanned Scrams with Complications</b> | <b>3Q/12</b> | <b>4Q/12</b> | <b>1Q/13</b> | <b>2Q/13</b> | <b>3Q/13</b> | <b>4Q/13</b> | <b>1Q/14</b> | <b>2Q/14</b> |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Scrams with complications                  | 0            | 0            | 0            | 1.0          | 0            | 0            | 0            | 0            |
|  |              |              |              |              |              |              |              |              |
|  |              |              |              |              |              |              |              |              |
| <b>Indicator value</b>                     | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>1.0</b>   | <b>1.0</b>   | <b>1.0</b>   | <b>1.0</b>   | <b>0.0</b>   |

Licensee Comments: none

## Safety System Functional Failures (BWR)



Thresholds: White > 6.0

### Notes

| Safety System Functional Failures (BWR) | 3Q/12    | 4Q/12    | 1Q/13    | 2Q/13    | 3Q/13    | 4Q/13    | 1Q/14    | 2Q/14    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Safety System Functional Failures       | 0        | 1        | 0        | 1        | 0        | 0        | 1        | 1        |
| Indicator value                         | <b>0</b> | <b>1</b> | <b>1</b> | <b>2</b> | <b>2</b> | <b>1</b> | <b>2</b> | <b>2</b> |

### Licensee Comments:

2Q/14: LER 373-2014-002-00.

1Q/14: LER 373-2013-008-00. Also, Unit 1 Safety System Functional Failures for April 2013 were changed from 1 to 0, as an engineering evaluation determined that the secondary containment inoperability did not result in a loss of safety function as defined by NEI 99-02. See LER 373-2013-001-02. Unit 1 Safety System Functional Failures for June 2013 were changed from 2 to 1, as further review determined that the April LOOP event was not reportable under 10 CFR 50.73(a)(2)(v)(D). See LER 373-2013-002-02. Unit 1 Safety System Functional Failures for December 2013 were changed from 1 to 0, as an engineering evaluation determined that the secondary containment inoperability did not result in a loss of safety function as defined by NEI 99-02. See LER 373-2013-007-01.

4Q/13: LER 373-2013-007

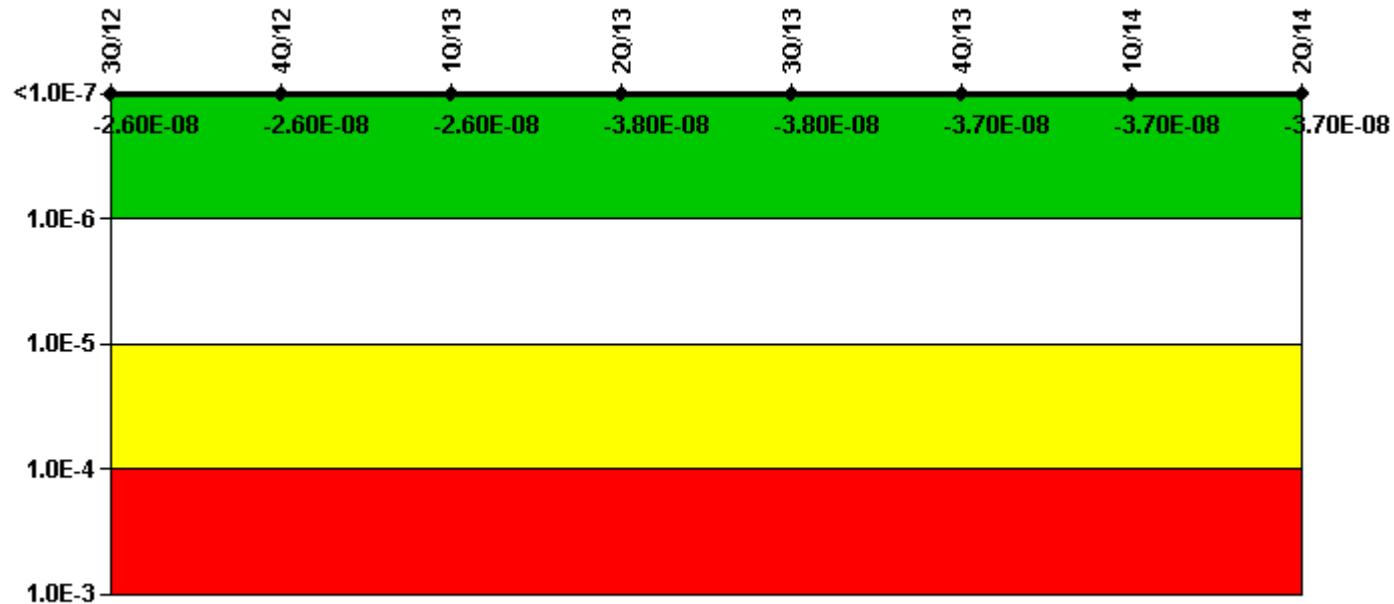
4Q/13: LER 373-2013-007-00

2Q/13: LERs 373-2013-001-00, 373-2013-002-00, and 373-2013-003-00.

2Q/13: LERs 373-2013-001, 373-2013-002, and 373-2013-003

4Q/12: LER 373-2012-001-00

### Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White >  $1.00E-6$  Yellow >  $1.00E-5$  Red >  $1.00E-4$

#### Notes

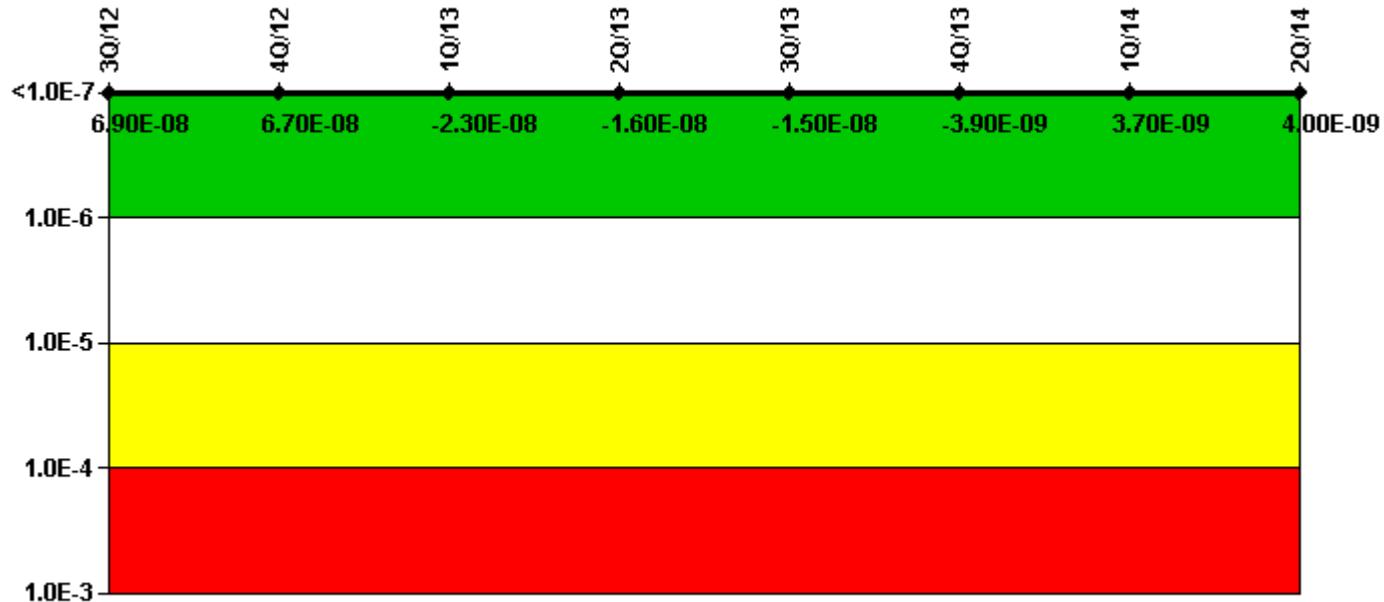
| Mitigating Systems Performance Index,<br>Emergency AC Power System | 3Q/12                         | 4Q/12                         | 1Q/13                         | 2Q/13                         | 3Q/13                         | 4Q/13                         | 1Q/14                         | 2Q/14                         |
|--|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| UAI ( $\Delta$ CDF)  | $-4.09E-09$                   | $-4.09E-09$                   | $-4.09E-09$                   | $-6.29E-09$                   | $-6.29E-09$                   | $-6.29E-09$                   | $-6.29E-09$                   | $-6.29E-09$                   |
| URI ( $\Delta$ CDF)  | $-2.22E-08$                   | $-2.20E-08$                   | $-2.18E-08$                   | $-3.17E-08$                   | $-3.15E-08$                   | $-3.12E-08$                   | $-3.09E-08$                   | $-3.06E-08$                   |
| PLE  | NO                            |
| <b>Indicator value</b>   | <b><math>-2.60E-08</math></b> | <b><math>-2.60E-08</math></b> | <b><math>-2.60E-08</math></b> | <b><math>-3.80E-08</math></b> | <b><math>-3.80E-08</math></b> | <b><math>-3.70E-08</math></b> | <b><math>-3.70E-08</math></b> | <b><math>-3.70E-08</math></b> |

#### Licensee Comments:

3Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

2Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

## Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 3Q/12           | 4Q/12           | 1Q/13            | 2Q/13            | 3Q/13            | 4Q/13            | 1Q/14           | 2Q/14           |
|--|-----------------|-----------------|------------------|------------------|------------------|------------------|-----------------|-----------------|
| UAI ( $\Delta$ CDF)  | 3.16E-09        | 1.95E-10        | -2.20E-09        | -1.43E-09        | -2.71E-10        | 1.01E-08         | 1.75E-08        | 1.75E-08        |
| URI ( $\Delta$ CDF)  | 6.54E-08        | 6.64E-08        | -2.10E-08        | -1.45E-08        | -1.42E-08        | -1.40E-08        | -1.37E-08       | -1.35E-08       |
| PLE  | NO              | NO              | NO               | NO               | NO               | NO               | NO              | NO              |
| Indicator value  | <b>6.90E-08</b> | <b>6.70E-08</b> | <b>-2.30E-08</b> | <b>-1.60E-08</b> | <b>-1.50E-08</b> | <b>-3.90E-09</b> | <b>3.70E-09</b> | <b>4.00E-09</b> |

### Licensee Comments:

1Q/14: An internal review identified a data entry error in 2nd Qtr 2013 critical hours for both Units. On Unit 1, the critical hours for April 2013 were increased from 432.5 to 490.2 hours. This changed the critical hours input into the Unplanned Scrams and Unplanned Power Changes per 7,000 Critical Hours indicators, and the MSPI indicators, as shown in the 1st Qtr 2014 Change File. Correction of the error did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

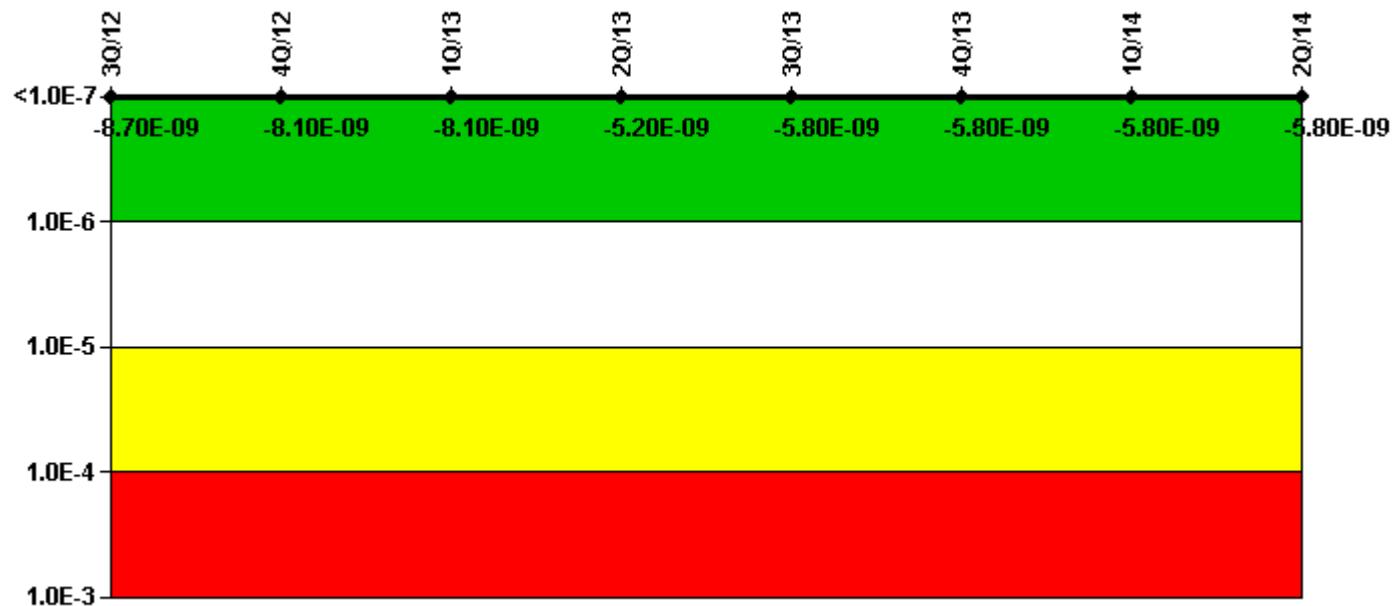
3Q/13: A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

3Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA

coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

2Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

### Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Heat Removal System | 3Q/12            | 4Q/12            | 1Q/13            | 2Q/13            | 3Q/13            | 4Q/13            | 1Q/14            | 2Q/14            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)                                       | -1.89E-09        | -1.29E-09        | -1.33E-09        | -5.65E-10        | -1.16E-09        | -1.16E-09        | -1.15E-09        | -1.15E-09        |
| URI ( $\Delta$ CDF)                                       | -6.79E-09        | -6.79E-09        | -6.79E-09        | -4.66E-09        | -4.66E-09        | -4.66E-09        | -4.66E-09        | -4.66E-09        |
| PLE   | NO               |
| <b>Indicator value</b>                                    | <b>-8.70E-09</b> | <b>-8.10E-09</b> | <b>-8.10E-09</b> | <b>-5.20E-09</b> | <b>-5.80E-09</b> | <b>-5.80E-09</b> | <b>-5.80E-09</b> | <b>-5.80E-09</b> |

Licensee Comments:

1Q/14: An internal review identified a data entry error in 2nd Qtr 2013 critical hours for both Units. On Unit 1, the critical hours for April 2013 were increased from 432.5 to 490.2 hours. This changed the critical hours input into the Unplanned Scrams and Unplanned Power Changes per 7,000 Critical Hours indicators, and the MSPI

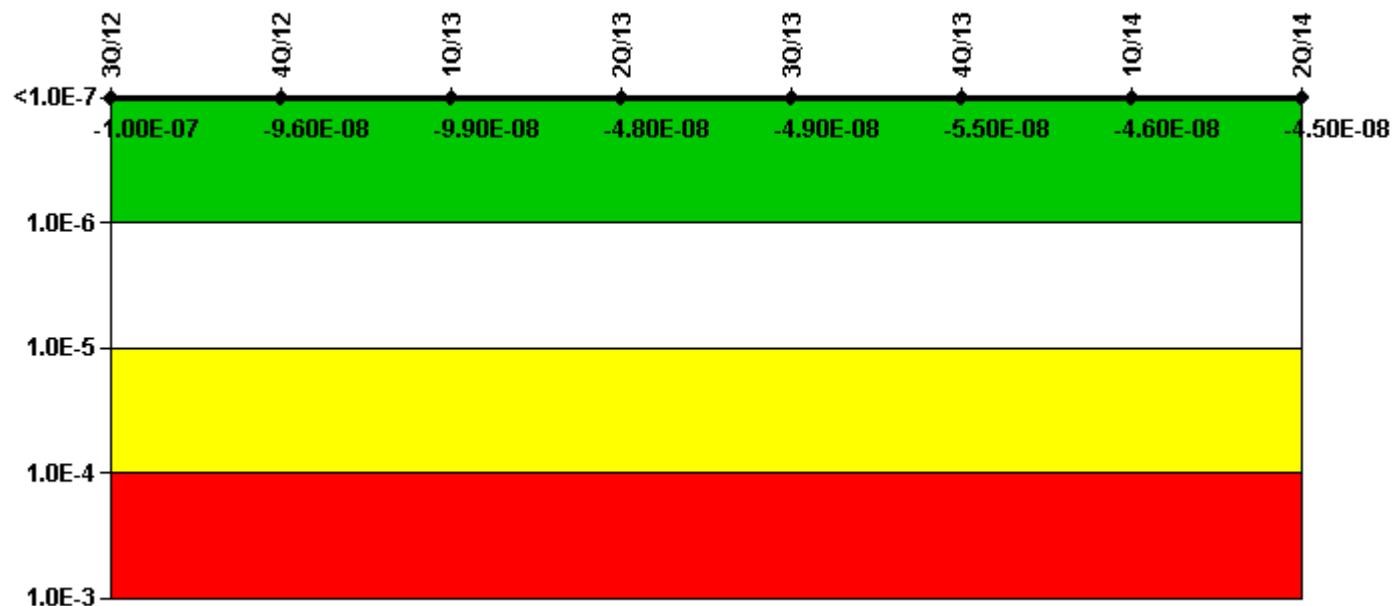
indicators, as shown in the 1st Qtr 2014 Change File. Correction of the error did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

3Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

2Q/13: A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

2Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

### Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 3Q/12     | 4Q/12     | 1Q/13     | 2Q/13     | 3Q/13     | 4Q/13     | 1Q/14     | 2Q/14     |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI ( $\Delta$ CDF)  | -1.81E-08 | -1.17E-08 | -1.41E-08 | 1.13E-09  | 2.35E-10  | -5.60E-09 | 3.52E-09  | 4.07E-09  |
| URI ( $\Delta$ CDF)  | -8.44E-08 | -8.44E-08 | -8.44E-08 | -4.94E-08 | -4.94E-08 | -4.94E-08 | -4.94E-08 | -4.94E-08 |
| PLE  | NO        |
|  | -1.00E-   | -9.60E-   | -9.90E-   | -4.80E-   | -4.90E-   | -5.50E-   | -4.60E-   | -4.50E-   |

| Indicator value | 07 | 08 | 08 | 08 | 08 | 08 | 08 | 08 |
|-----------------|----|----|----|----|----|----|----|----|
|-----------------|----|----|----|----|----|----|----|----|

## Licensee Comments:

1Q/14: An internal review identified a data entry error in 2nd Qtr 2013 critical hours for both Units. On Unit 1, the critical hours for April 2013 were increased from 432.5 to 490.2 hours. This changed the critical hours input into the Unplanned Scrams and Unplanned Power Changes per 7,000 Critical Hours indicators, and the MSPI indicators, as shown in the 1st Qtr 2014 Change File. Correction of the error did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

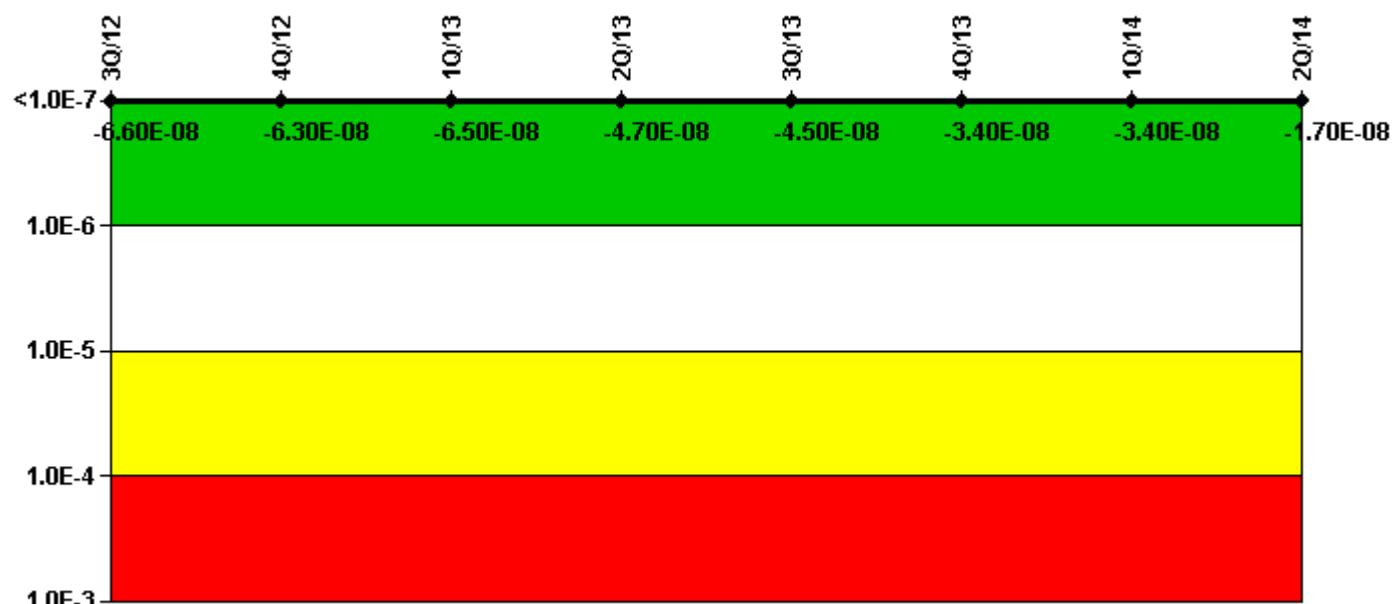
3Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

3Q/13: A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

2Q/13: A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

2Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

### Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| <b>Mitigating Systems Performance Index, Cooling Water Systems</b> | <b>3Q/12</b>     | <b>4Q/12</b>     | <b>1Q/13</b>     | <b>2Q/13</b>     | <b>3Q/13</b>     | <b>4Q/13</b>     | <b>1Q/14</b>     | <b>2Q/14</b>     |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)  | 3.84E-08         | 4.13E-08         | 3.99E-08         | 1.62E-08         | 1.80E-08         | 2.89E-08         | 2.95E-08         | 4.62E-08         |
| URI ( $\Delta$ CDF)  | -1.05E-07        | -1.05E-07        | -1.05E-07        | -6.33E-08        | -6.33E-08        | -6.33E-08        | -6.33E-08        | -6.33E-08        |
| PLE  | NO               |
| <b>Indicator value</b>   | <b>-6.60E-08</b> | <b>-6.30E-08</b> | <b>-6.50E-08</b> | <b>-4.70E-08</b> | <b>-4.50E-08</b> | <b>-3.40E-08</b> | <b>-3.40E-08</b> | <b>-1.70E-08</b> |

## Licensee Comments:

1Q/14: An internal review identified a data entry error in 2nd Qtr 2013 critical hours for both Units. On Unit 1, the critical hours for April 2013 were increased from 432.5 to 490.2 hours. This changed the critical hours input into the Unplanned Scrams and Unplanned Power Changes per 7,000 Critical Hours indicators, and the MSPI indicators, as shown in the 1st Qtr 2014 Change File. Correction of the error did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

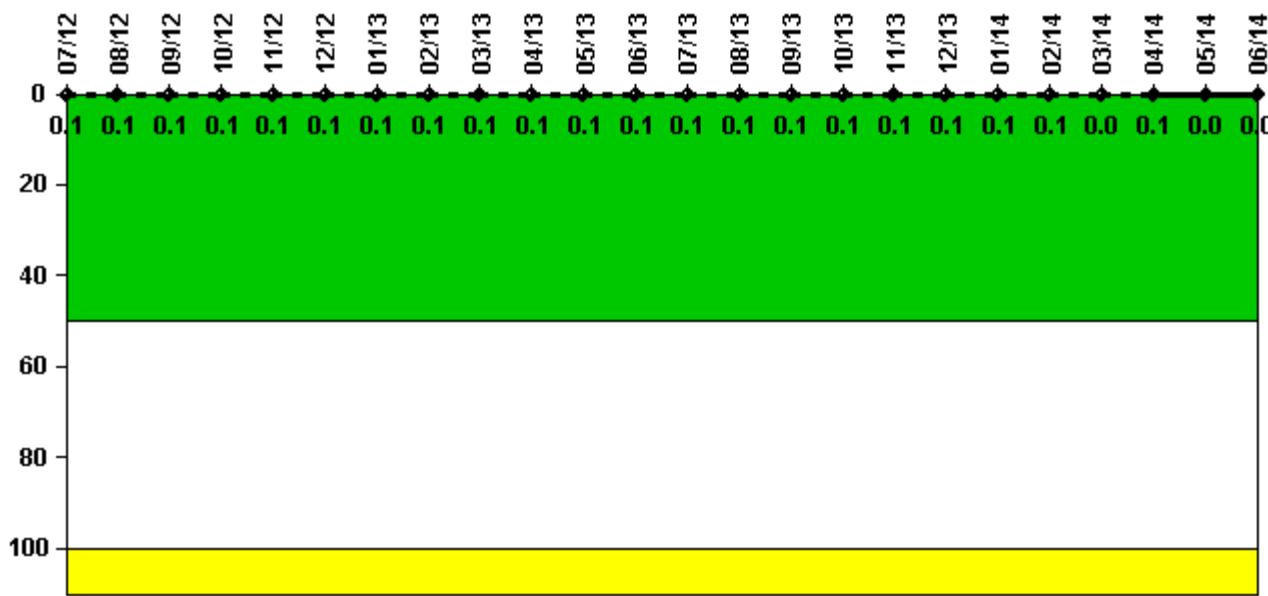
3Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

3Q/13: A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

2Q/13: A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

2Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

## Reactor Coolant System Activity



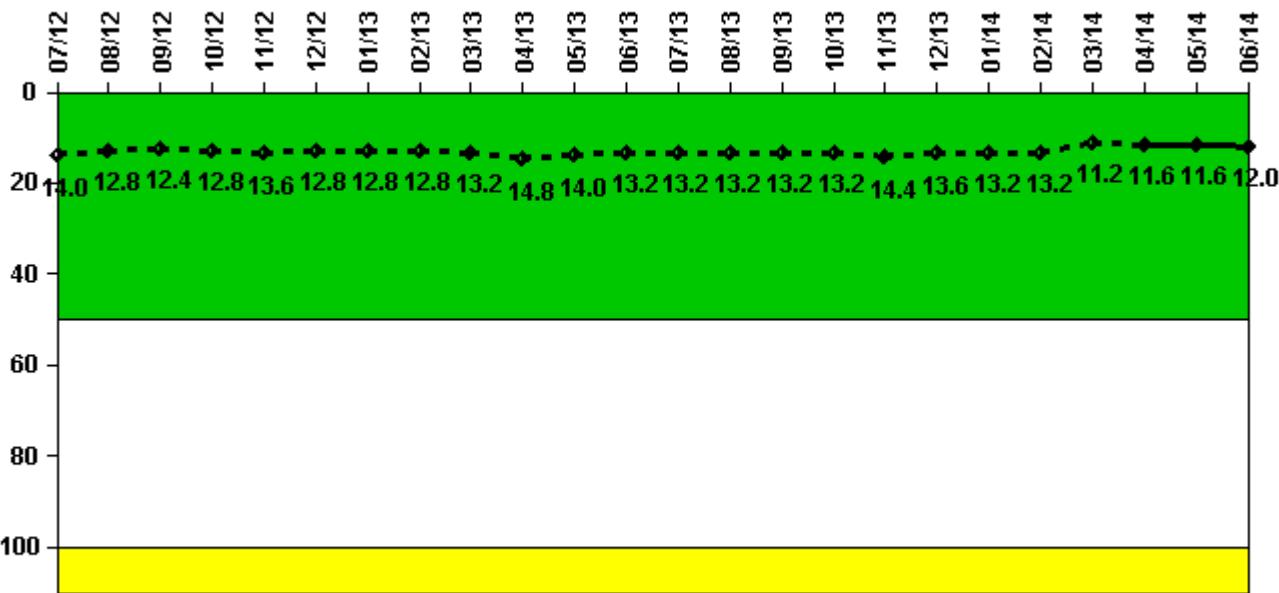
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Activity | 7/12     | 8/12     | 9/12     | 10/12    | 11/12    | 12/12    | 1/13     | 2/13     | 3/13     | 4/13     | 5/13     | 6/13     |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity                | 0.000110 | 0.000101 | 0.000118 | 0.000162 | 0.000121 | 0.000136 | 0.000134 | 0.000134 | 0.000157 | 0.000159 | 0.000149 | 0.000178 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      |
| Reactor Coolant System Activity | 7/13     | 8/13     | 9/13     | 10/13    | 11/13    | 12/13    | 1/14     | 2/14     | 3/14     | 4/14     | 5/14     | 6/14     |
| Maximum activity                | 0.000215 | 0.000282 | 0.000183 | 0.000170 | 0.000167 | 0.000212 | 0.000151 | 0.000132 | 0.000059 | 0.000122 | 0.000078 | 0.000093 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0        | 0.1      | 0        | 0        |

Licensee Comments: none

## Reactor Coolant System Leakage



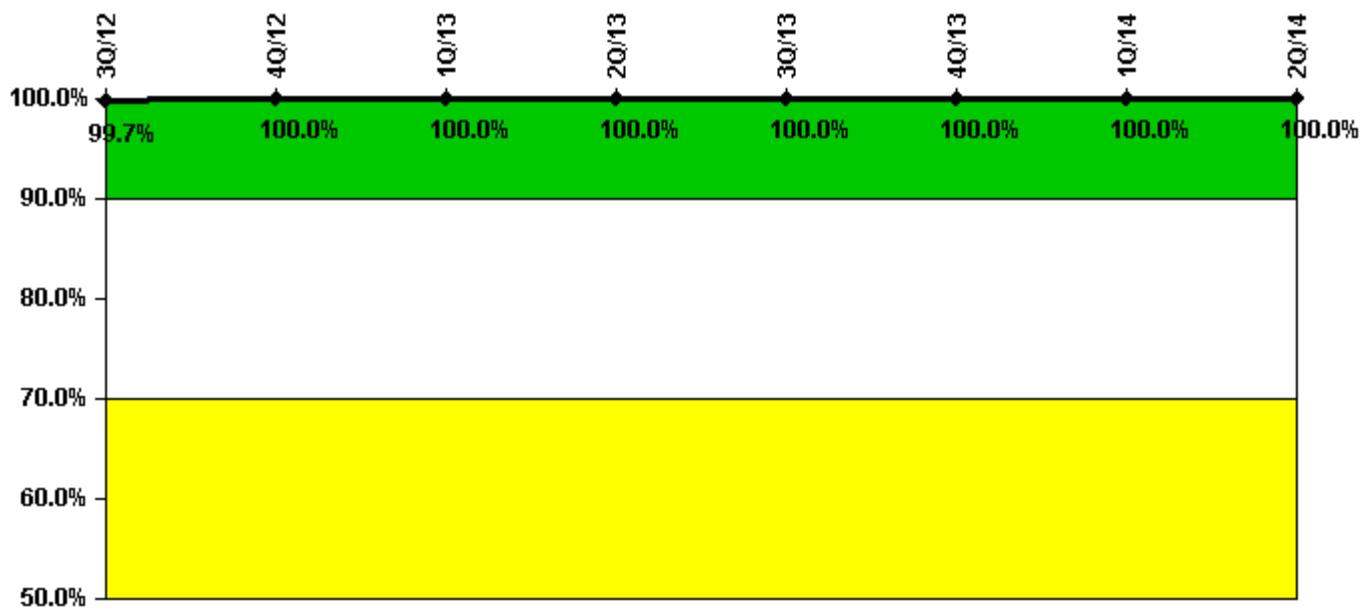
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Leakage | 7/12        | 8/12        | 9/12        | 10/12       | 11/12       | 12/12       | 1/13        | 2/13        | 3/13        | 4/13        | 5/13        | 6/13        |
|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Maximum leakage                | 3.500       | 3.200       | 3.100       | 3.200       | 3.400       | 3.200       | 3.200       | 3.200       | 3.300       | 3.700       | 3.500       | 3.300       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| <b>Indicator value</b>         | <b>14.0</b> | <b>12.8</b> | <b>12.4</b> | <b>12.8</b> | <b>13.6</b> | <b>12.8</b> | <b>12.8</b> | <b>12.8</b> | <b>13.2</b> | <b>14.8</b> | <b>14.0</b> | <b>13.2</b> |
| Reactor Coolant System Leakage | 7/13        | 8/13        | 9/13        | 10/13       | 11/13       | 12/13       | 1/14        | 2/14        | 3/14        | 4/14        | 5/14        | 6/14        |
| Maximum leakage                | 3.300       | 3.300       | 3.300       | 3.300       | 3.600       | 3.400       | 3.300       | 3.300       | 2.800       | 2.900       | 2.900       | 3.000       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| <b>Indicator value</b>         | <b>13.2</b> | <b>13.2</b> | <b>13.2</b> | <b>13.2</b> | <b>14.4</b> | <b>13.6</b> | <b>13.2</b> | <b>13.2</b> | <b>11.2</b> | <b>11.6</b> | <b>11.6</b> | <b>12.0</b> |

Licensee Comments: none

### Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

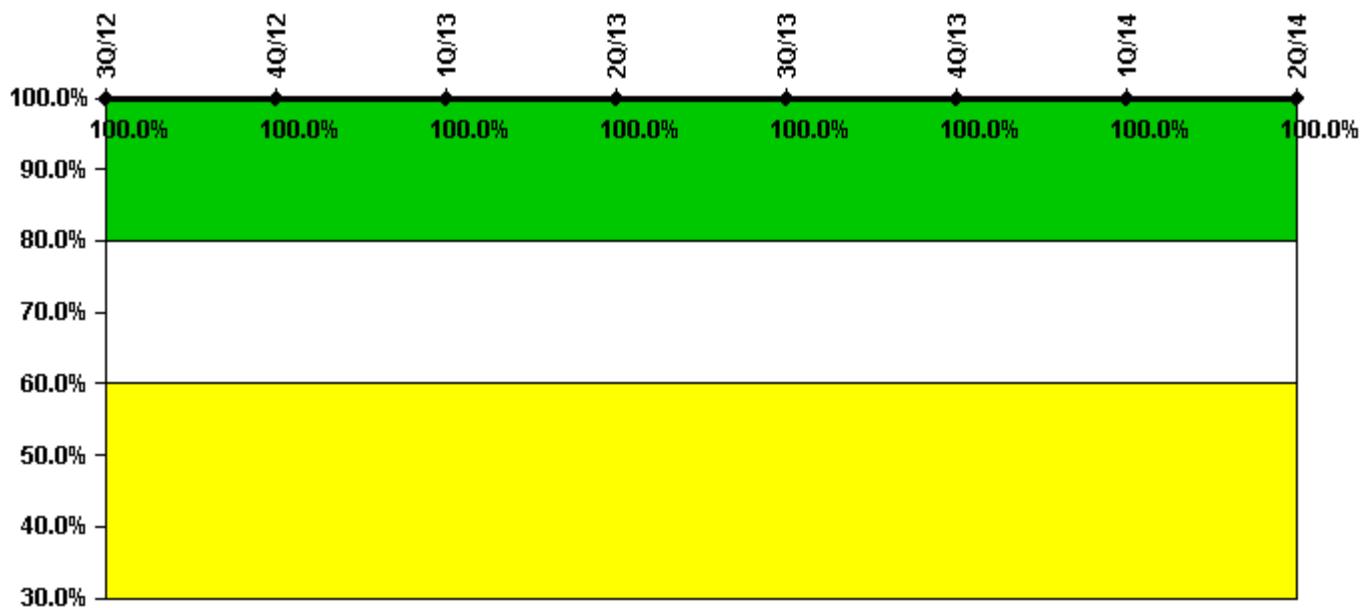
#### Notes

| Drill/Exercise Performance | 3Q/12        | 4Q/12         | 1Q/13         | 2Q/13         | 3Q/13         | 4Q/13         | 1Q/14         | 2Q/14         |
|----------------------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Successful opportunities   | 23.0         | 33.0          | 10.0          | 49.0          | 30.0          | 34.0          | 17.0          | 36.0          |
| Total opportunities        | 23.0         | 33.0          | 10.0          | 49.0          | 30.0          | 34.0          | 17.0          | 36.0          |
| <b>Indicator value</b>     | <b>99.7%</b> | <b>100.0%</b> |

#### Licensee Comments:

2Q/14: An internal review identified additional drill/exercise performance opportunities that should have been counted in the 4th quarter 2013. For October 2013 the number of both the total and successful opportunities was increased from 12 to 16. This correction did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

### ERO Drill Participation



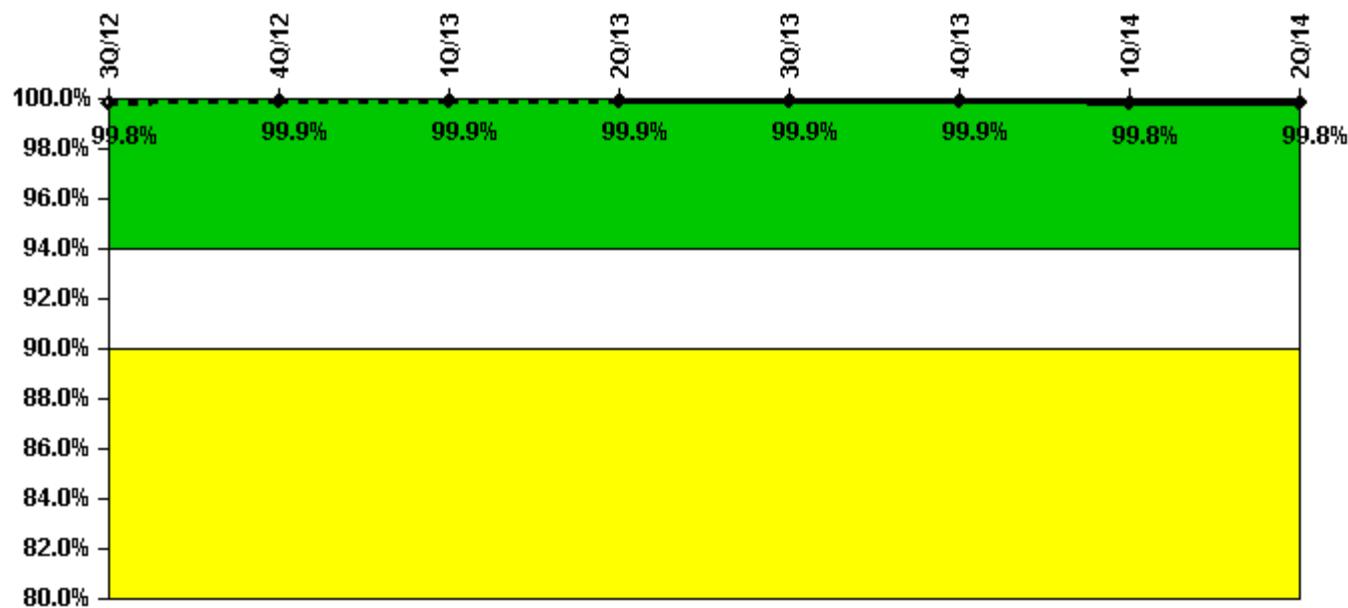
Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

| ERO Drill Participation     | 3Q/12         | 4Q/12         | 1Q/13         | 2Q/13         | 3Q/13         | 4Q/13         | 1Q/14         | 2Q/14         |
|-----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Participating Key personnel | 69.0          | 71.0          | 70.0          | 68.0          | 68.0          | 67.0          | 65.0          | 63.0          |
| Total Key personnel         | 69.0          | 71.0          | 70.0          | 68.0          | 68.0          | 67.0          | 65.0          | 63.0          |
| <b>Indicator value</b>      | <b>100.0%</b> |

Licensee Comments: none

## Alert & Notification System



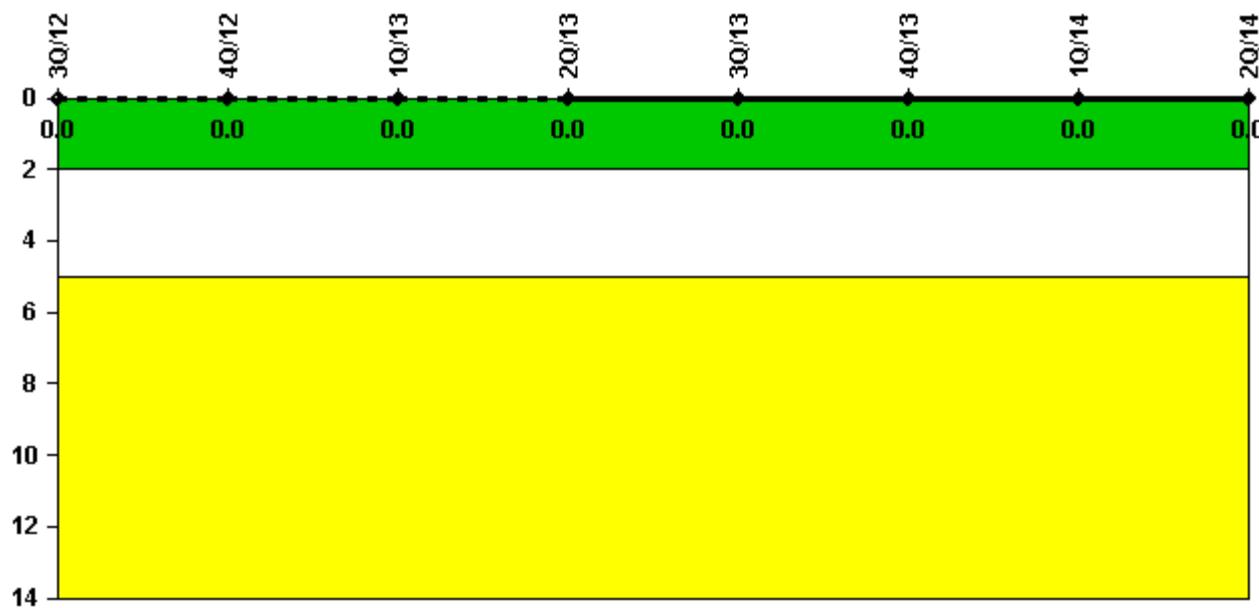
Thresholds: White < 94.0% Yellow < 90.0%

### Notes

| Alert & Notification System | 3Q/12        | 4Q/12        | 1Q/13        | 2Q/13        | 3Q/13        | 4Q/13        | 1Q/14        | 2Q/14        |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests      | 2137         | 2175         | 2175         | 2170         | 2176         | 2175         | 2131         | 2171         |
| Total sirens-tests          | 2142         | 2176         | 2176         | 2176         | 2176         | 2176         | 2142         | 2176         |
| <b>Indicator value</b>      | <b>99.8%</b> | <b>99.9%</b> | <b>99.9%</b> | <b>99.9%</b> | <b>99.9%</b> | <b>99.9%</b> | <b>99.8%</b> | <b>99.8%</b> |

Licensee Comments: none

## Occupational Exposure Control Effectiveness



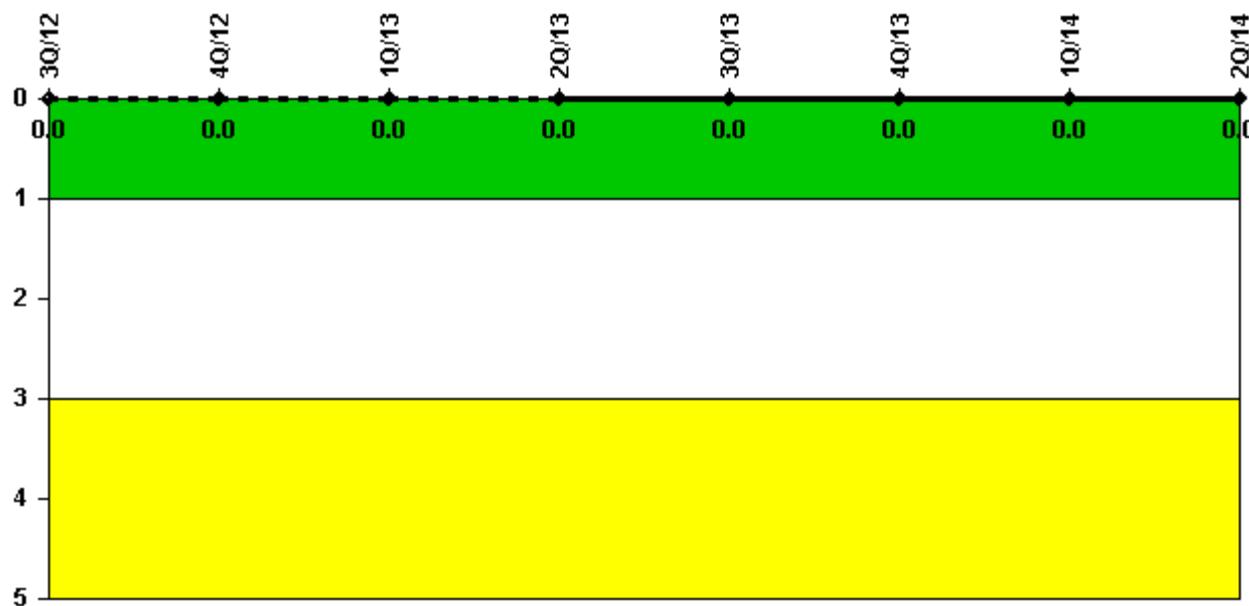
Thresholds: White > 2.0 Yellow > 5.0

### Notes

| Occupational Exposure Control Effectiveness | 3Q/12    | 4Q/12    | 1Q/13    | 2Q/13    | 3Q/13    | 4Q/13    | 1Q/14    | 2Q/14    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>0</b> |

Licensee Comments: none

## RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

### Notes

| RETS/ODCM Radiological Effluent | 3Q/12    | 4Q/12    | 1Q/13    | 2Q/13    | 3Q/13    | 4Q/13    | 1Q/14    | 2Q/14    |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| RETS/ODCM occurrences           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>          | <b>0</b> |

Licensee Comments: none

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Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

 [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

*Last Modified: July 31, 2014*

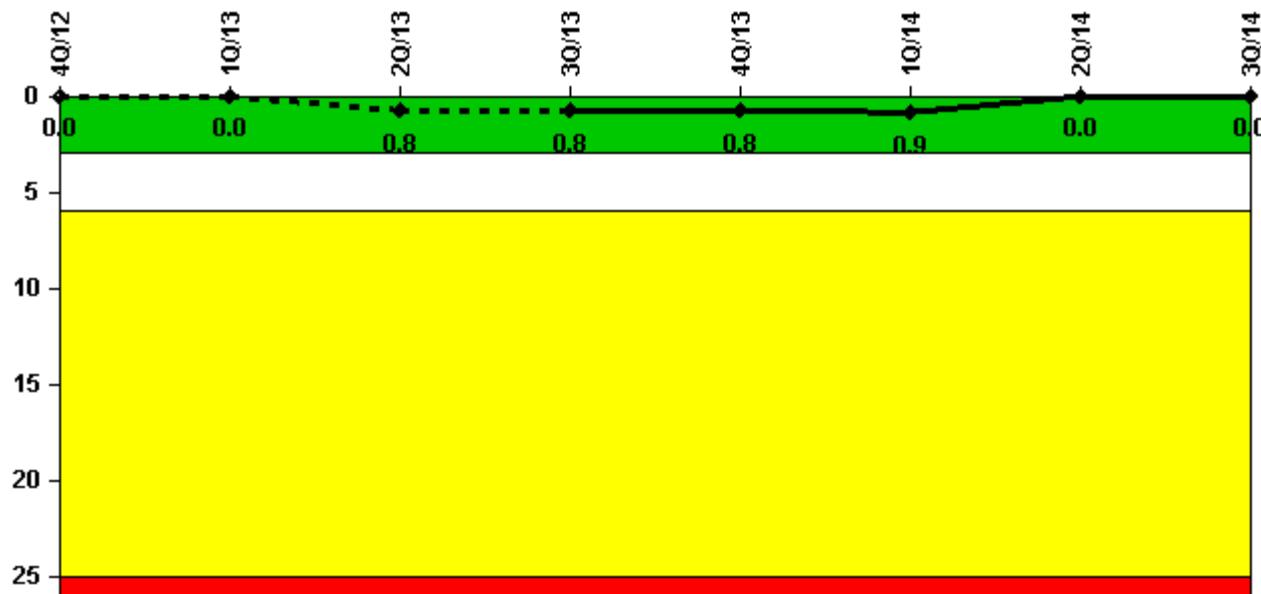
# La Salle 1

## 3Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

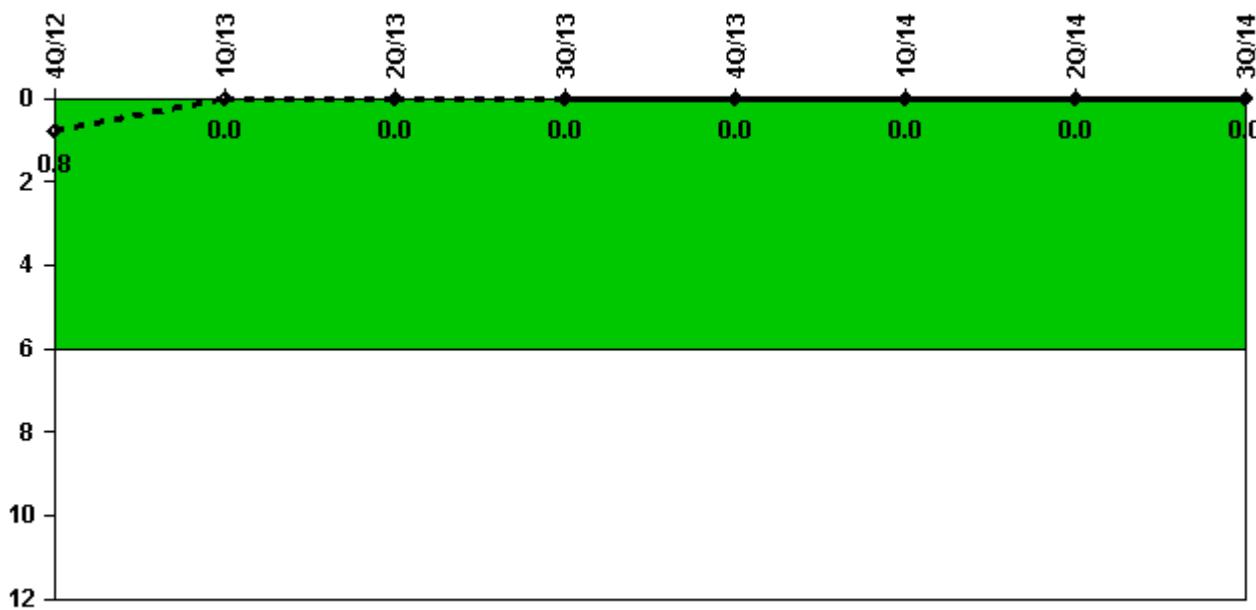
### Notes

| Unplanned Scrams per 7000 Critical Hrs | 4Q/12  | 1Q/13  | 2Q/13  | 3Q/13  | 4Q/13  | 1Q/14  | 2Q/14  | 3Q/14  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 0      | 1.0    | 0      | 0      | 0      | 0      | 0      |
| Critical hours                         | 2209.0 | 2159.0 | 1954.2 | 2208.0 | 2209.0 | 1754.0 | 2184.0 | 2208.0 |
| Indicator value                        | 0      | 0      | 0.8    | 0.8    | 0.8    | 0.9    | 0      | 0      |

Licensee Comments:

1Q/14: An internal review identified a data entry error in 2nd Qtr 2013 critical hours for both Units. On Unit 1, the critical hours for April 2013 were increased from 432.5 to 490.2 hours. This changed the critical hours input into the Unplanned Scrams and Unplanned Power Changes per 7,000 Critical Hours indicators, and the MSPI indicators, as shown in the 1st Qtr 2014 Change File. Correction of the error did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

### Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

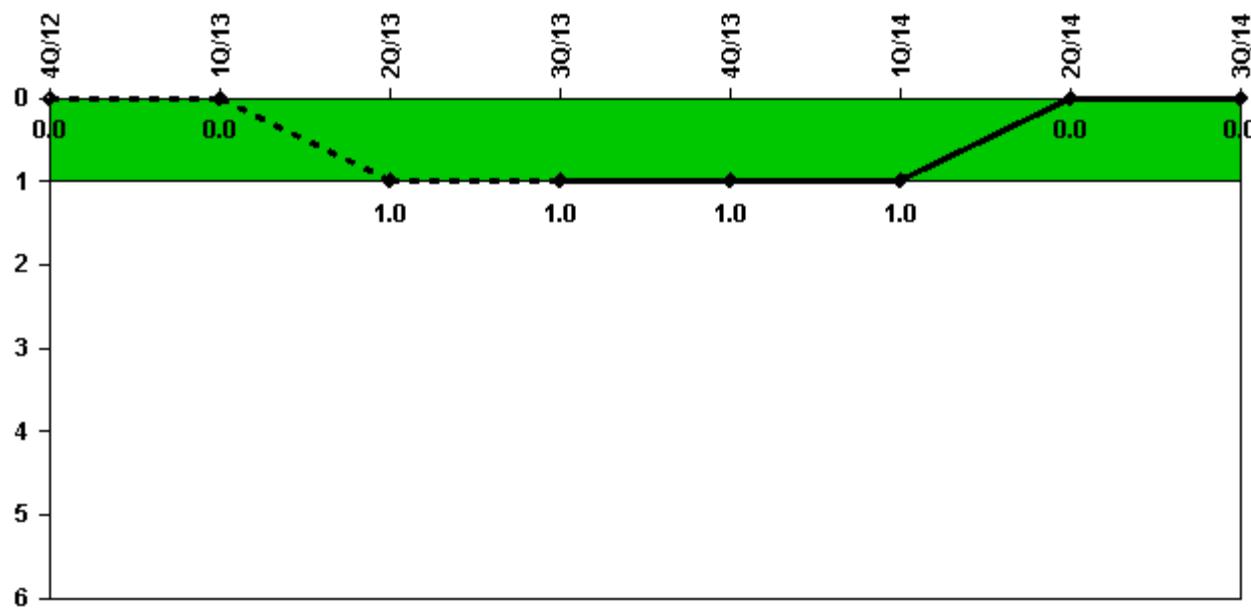
#### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 4Q/12      | 1Q/13    | 2Q/13    | 3Q/13    | 4Q/13    | 1Q/14    | 2Q/14    | 3Q/14    |
|---|------------|----------|----------|----------|----------|----------|----------|----------|
| Unplanned power changes                       | 0          | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Critical hours                                | 2209.0     | 2159.0   | 1954.2   | 2208.0   | 2209.0   | 1754.0   | 2184.0   | 2208.0   |
| <b>Indicator value</b>                        | <b>0.8</b> | <b>0</b> |

#### Licensee Comments:

1Q/14: An internal review identified a data entry error in 2nd Qtr 2013 critical hours for both Units. On Unit 1, the critical hours for April 2013 were increased from 432.5 to 490.2 hours. This changed the critical hours input into the Unplanned Scrams and Unplanned Power Changes per 7,000 Critical Hours indicators, and the MSPI indicators, as shown in the 1st Qtr 2014 Change File. Correction of the error did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

### **Unplanned Scrams with Complications**



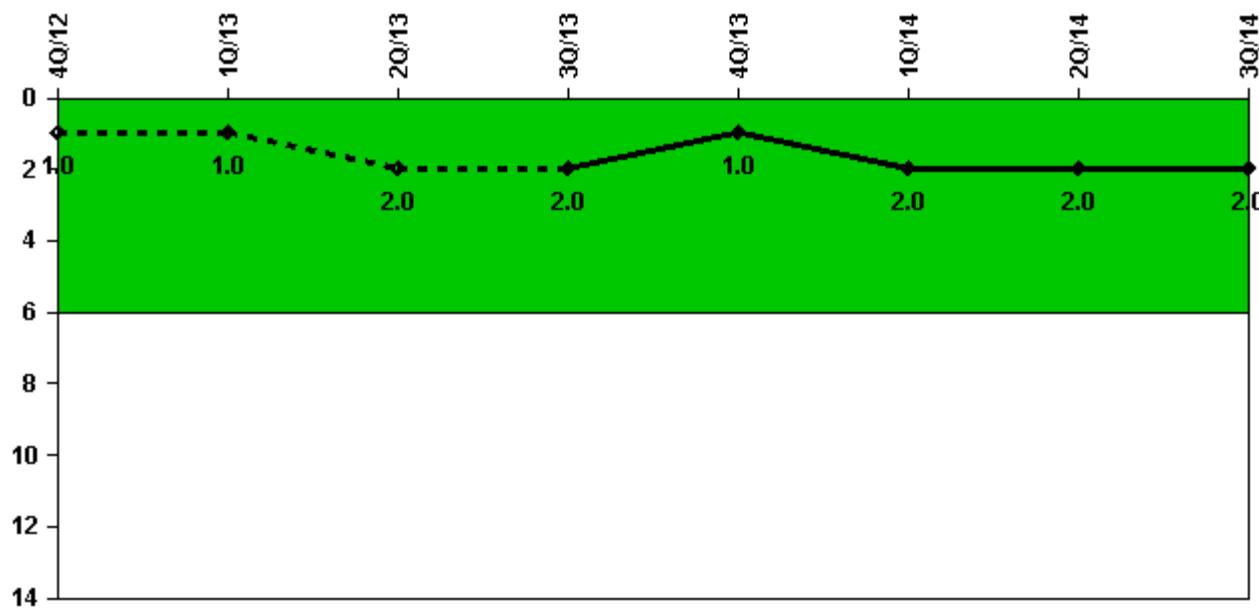
Thresholds: White > 1.0

#### **Notes**

| <b>Unplanned Scrams with Complications</b> | <b>4Q/12</b> | <b>1Q/13</b> | <b>2Q/13</b> | <b>3Q/13</b> | <b>4Q/13</b> | <b>1Q/14</b> | <b>2Q/14</b> | <b>3Q/14</b> |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Scrams with complications                  | 0            | 0            | 1.0          | 0            | 0            | 0            | 0            | 0            |
|  |              |              |              |              |              |              |              |              |
|  |              |              |              |              |              |              |              |              |
| <b>Indicator value</b>                     | <b>0.0</b>   | <b>0.0</b>   | <b>1.0</b>   | <b>1.0</b>   | <b>1.0</b>   | <b>1.0</b>   | <b>0.0</b>   | <b>0.0</b>   |

Licensee Comments: none

## Safety System Functional Failures (BWR)



Thresholds: White > 6.0

### Notes

| Safety System Functional Failures (BWR) | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures       | 1     | 0     | 1     | 0     | 0     | 1     | 1     | 0     |
| Indicator value                         | 1     | 1     | 2     | 2     | 1     | 2     | 2     | 2     |

### Licensee Comments:

2Q/14: LER 373-2014-002-00.

1Q/14: LER 373-2013-008-00. Also, Unit 1 Safety System Functional Failures for April 2013 were changed from 1 to 0, as an engineering evaluation determined that the secondary containment inoperability did not result in a loss of safety function as defined by NEI 99-02. See LER 373-2013-001-02. Unit 1 Safety System Functional Failures for June 2013 were changed from 2 to 1, as further review determined that the April LOOP event was not reportable under 10 CFR 50.73(a)(2)(v)(D). See LER 373-2013-002-02. Unit 1 Safety System Functional Failures for December 2013 were changed from 1 to 0, as an engineering evaluation determined that the secondary containment inoperability did not result in a loss of safety function as defined by NEI 99-02. See LER 373-2013-007-01.

4Q/13: LER 373-2013-007

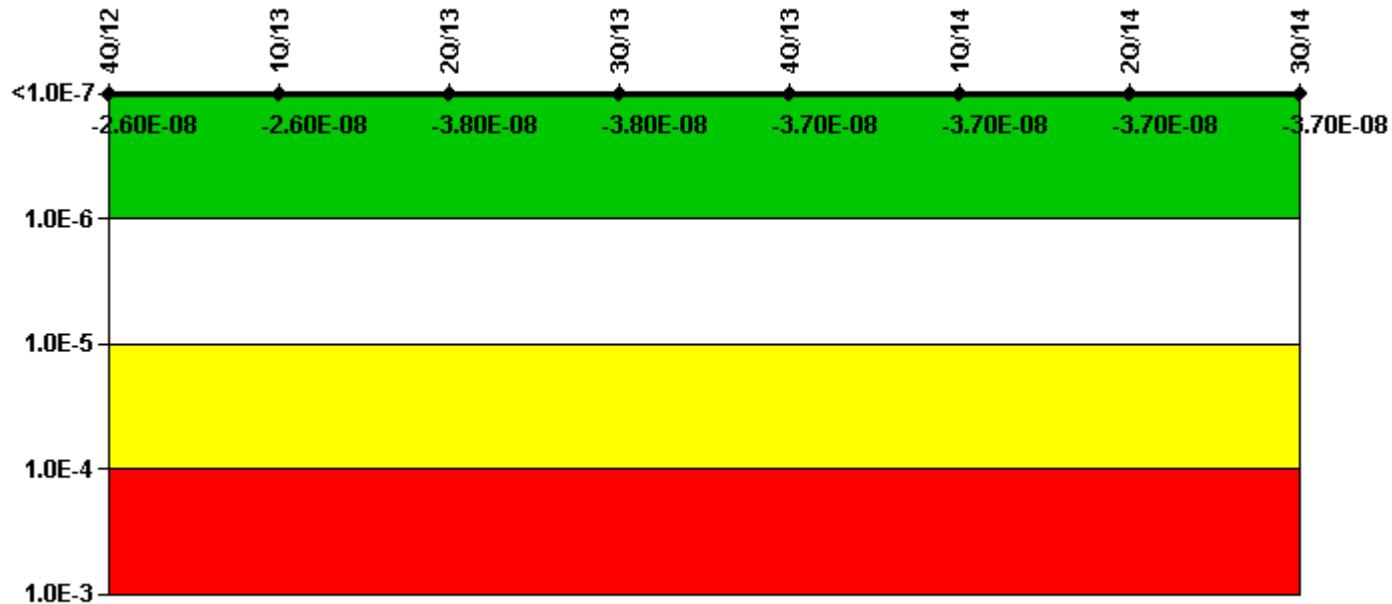
4Q/13: LER 373-2013-007-00

2Q/13: LERs 373-2013-001-00, 373-2013-002-00, and 373-2013-003-00.

2Q/13: LERs 373-2013-001, 373-2013-002, and 373-2013-003

4Q/12: LER 373-2012-001-00

### Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

#### Notes

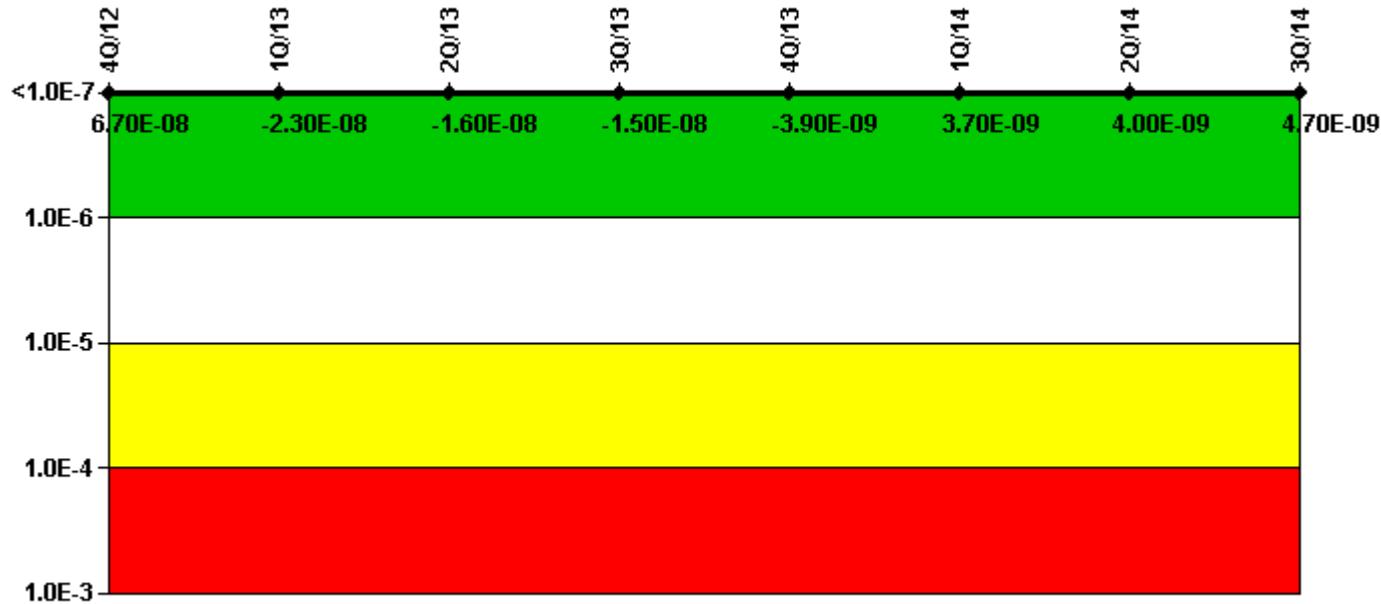
| Mitigating Systems Performance Index,<br>Emergency AC Power System | 4Q/12            | 1Q/13            | 2Q/13            | 3Q/13            | 4Q/13            | 1Q/14            | 2Q/14            | 3Q/14            |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)  | -4.09E-09        | -4.09E-09        | -6.29E-09        | -6.29E-09        | -6.29E-09        | -6.29E-09        | -6.29E-09        | -6.29E-09        |
| URI ( $\Delta$ CDF)  | -2.20E-08        | -2.18E-08        | -3.17E-08        | -3.15E-08        | -3.12E-08        | -3.09E-08        | -3.06E-08        | -3.02E-08        |
| PLE  | NO               |
| <b>Indicator value</b>   | <b>-2.60E-08</b> | <b>-2.60E-08</b> | <b>-3.80E-08</b> | <b>-3.80E-08</b> | <b>-3.70E-08</b> | <b>-3.70E-08</b> | <b>-3.70E-08</b> | <b>-3.70E-08</b> |

Licensee Comments:

3Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

2Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

## Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 4Q/12           | 1Q/13            | 2Q/13            | 3Q/13            | 4Q/13            | 1Q/14           | 2Q/14           | 3Q/14           |
|--|-----------------|------------------|------------------|------------------|------------------|-----------------|-----------------|-----------------|
| UAI ( $\Delta$ CDF)  | 1.95E-10        | -2.20E-09        | -1.43E-09        | -2.71E-10        | 1.01E-08         | 1.75E-08        | 1.75E-08        | 1.79E-08        |
| URI ( $\Delta$ CDF)  | 6.64E-08        | -2.10E-08        | -1.45E-08        | -1.42E-08        | -1.40E-08        | -1.37E-08       | -1.35E-08       | -1.32E-08       |
| PLE  | NO              | NO               | NO               | NO               | NO               | NO              | NO              | NO              |
| Indicator value  | <b>6.70E-08</b> | <b>-2.30E-08</b> | <b>-1.60E-08</b> | <b>-1.50E-08</b> | <b>-3.90E-09</b> | <b>3.70E-09</b> | <b>4.00E-09</b> | <b>4.70E-09</b> |

### Licensee Comments:

1Q/14: An internal review identified a data entry error in 2nd Qtr 2013 critical hours for both Units. On Unit 1, the critical hours for April 2013 were increased from 432.5 to 490.2 hours. This changed the critical hours input into the Unplanned Scrams and Unplanned Power Changes per 7,000 Critical Hours indicators, and the MSPI indicators, as shown in the 1st Qtr 2014 Change File. Correction of the error did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

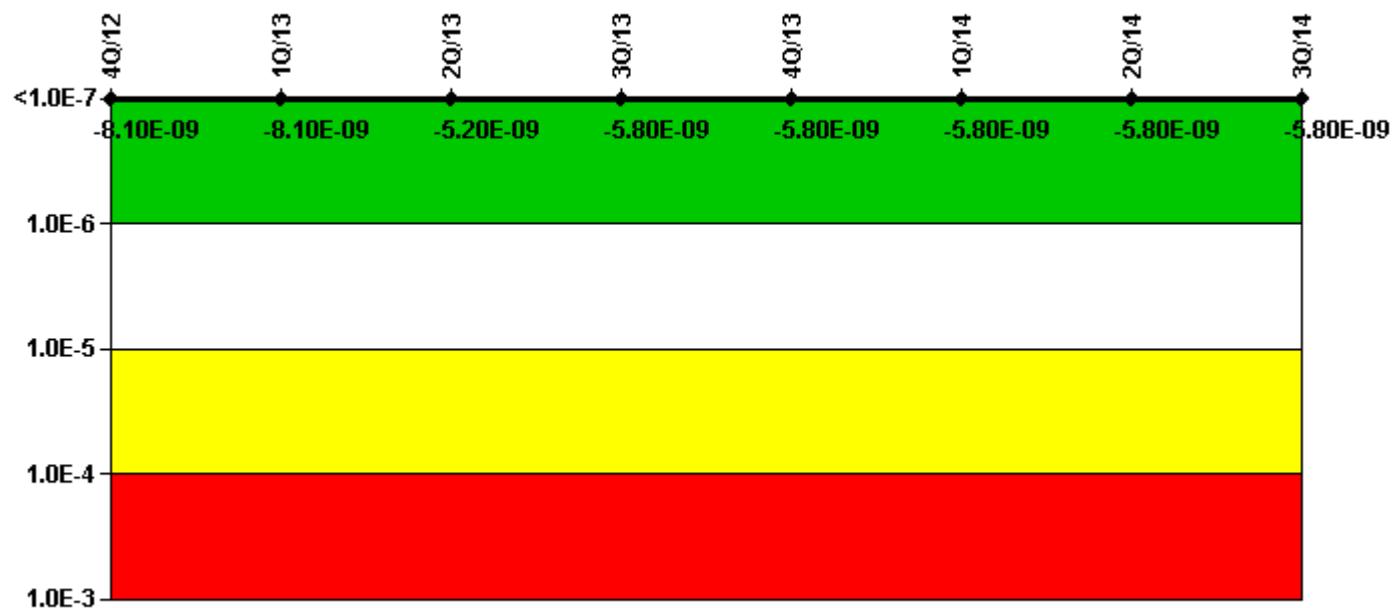
3Q/13: A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

3Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA

coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

2Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

### Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Heat Removal System | 4Q/12            | 1Q/13            | 2Q/13            | 3Q/13            | 4Q/13            | 1Q/14            | 2Q/14            | 3Q/14            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)                                       | -1.29E-09        | -1.33E-09        | -5.65E-10        | -1.16E-09        | -1.16E-09        | -1.15E-09        | -1.15E-09        | -1.15E-09        |
| URI ( $\Delta$ CDF)                                       | -6.79E-09        | -6.79E-09        | -4.66E-09        | -4.66E-09        | -4.66E-09        | -4.66E-09        | -4.66E-09        | -4.66E-09        |
| PLE   | NO               |
| Indicator value   | <b>-8.10E-09</b> | <b>-8.10E-09</b> | <b>-5.20E-09</b> | <b>-5.80E-09</b> | <b>-5.80E-09</b> | <b>-5.80E-09</b> | <b>-5.80E-09</b> | <b>-5.80E-09</b> |

Licensee Comments:

1Q/14: An internal review identified a data entry error in 2nd Qtr 2013 critical hours for both Units. On Unit 1, the critical hours for April 2013 were increased from 432.5 to 490.2 hours. This changed the critical hours input into the Unplanned Scrams and Unplanned Power Changes per 7,000 Critical Hours indicators, and the MSPI

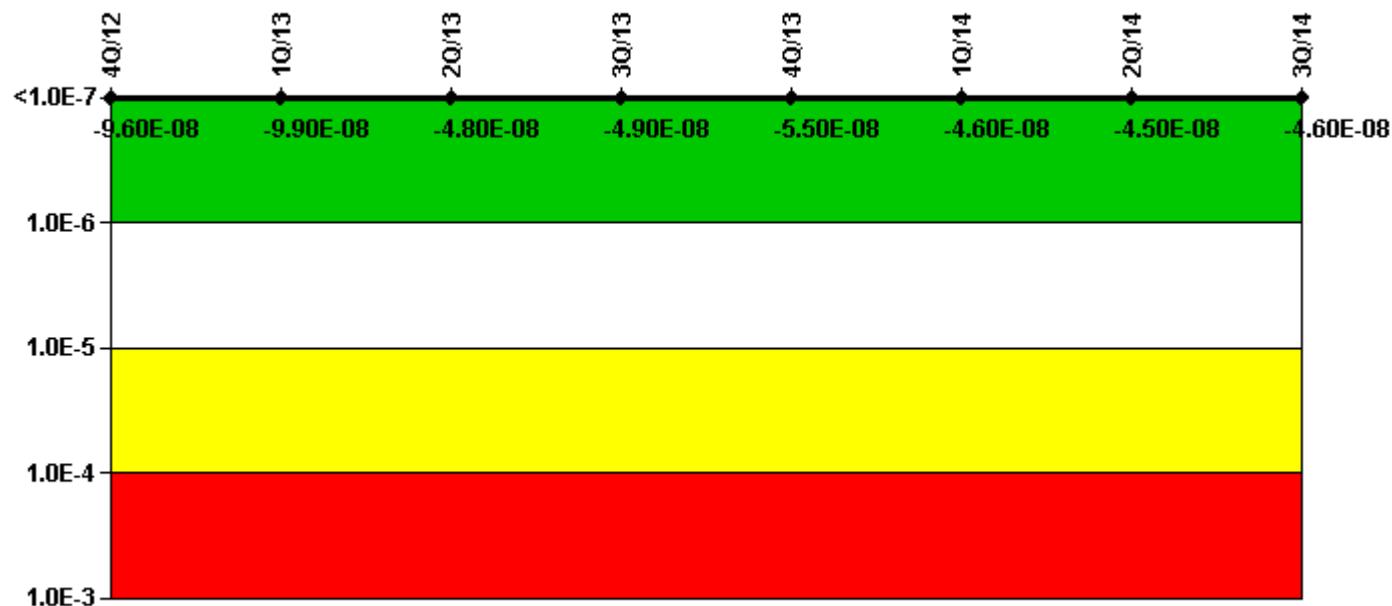
indicators, as shown in the 1st Qtr 2014 Change File. Correction of the error did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

3Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

2Q/13: A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

2Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

### Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 4Q/12          | 1Q/13          | 2Q/13          | 3Q/13          | 4Q/13          | 1Q/14          | 2Q/14          | 3Q/14          |
|--|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| UAI ( $\Delta$ CDF)  | -1.17E-08      | -1.41E-08      | 1.13E-09       | 2.35E-10       | -5.60E-09      | 3.52E-09       | 4.07E-09       | 3.40E-09       |
| URI ( $\Delta$ CDF)  | -8.44E-08      | -8.44E-08      | -4.94E-08      | -4.94E-08      | -4.94E-08      | -4.94E-08      | -4.94E-08      | -4.94E-08      |
| PLE  | NO             |
|  | <b>-9.60E-</b> | <b>-9.90E-</b> | <b>-4.80E-</b> | <b>-4.90E-</b> | <b>-5.50E-</b> | <b>-4.60E-</b> | <b>-4.50E-</b> | <b>-4.60E-</b> |

| Indicator value | 08 | 08 | 08 | 08 | 08 | 08 | 08 | 08 |
|-----------------|----|----|----|----|----|----|----|----|
|-----------------|----|----|----|----|----|----|----|----|

## Licensee Comments:

1Q/14: An internal review identified a data entry error in 2nd Qtr 2013 critical hours for both Units. On Unit 1, the critical hours for April 2013 were increased from 432.5 to 490.2 hours. This changed the critical hours input into the Unplanned Scrams and Unplanned Power Changes per 7,000 Critical Hours indicators, and the MSPI indicators, as shown in the 1st Qtr 2014 Change File. Correction of the error did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

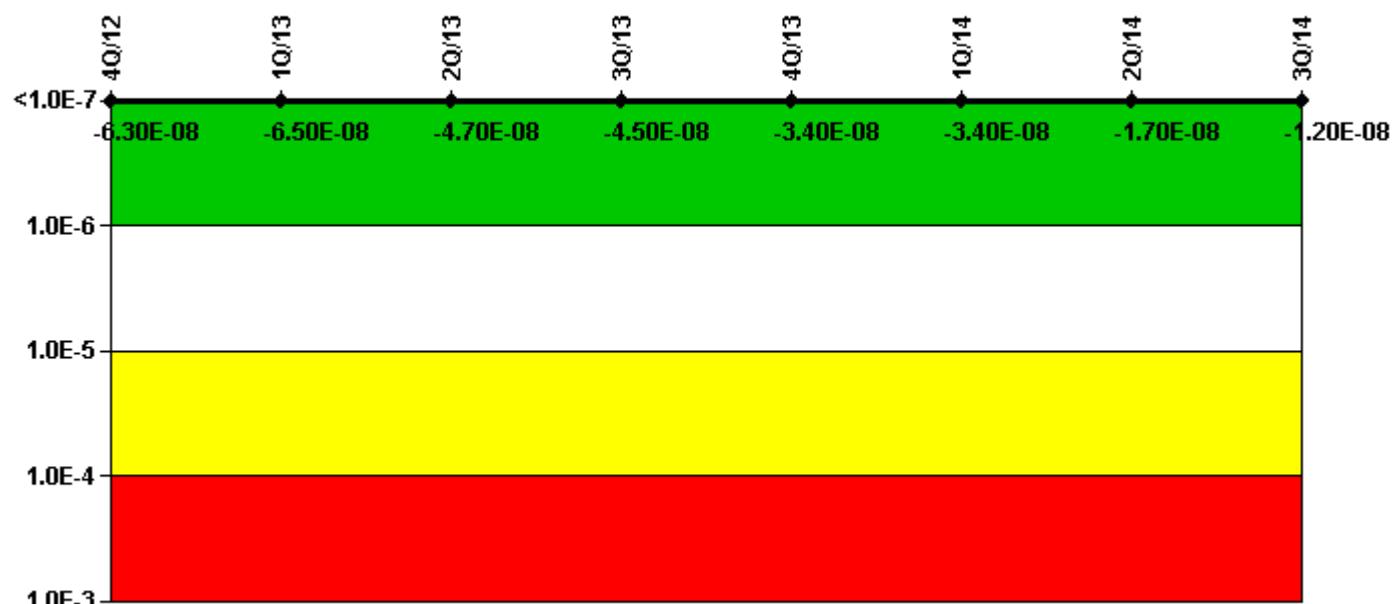
3Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

3Q/13: A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

2Q/13: A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

2Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

### Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| <b>Mitigating Systems Performance Index, Cooling Water Systems</b> | <b>4Q/12</b>     | <b>1Q/13</b>     | <b>2Q/13</b>     | <b>3Q/13</b>     | <b>4Q/13</b>     | <b>1Q/14</b>     | <b>2Q/14</b>     | <b>3Q/14</b>     |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)  | 4.13E-08         | 3.99E-08         | 1.62E-08         | 1.80E-08         | 2.89E-08         | 2.95E-08         | 4.62E-08         | 5.11E-08         |
| URI ( $\Delta$ CDF)  | -1.05E-07        | -1.05E-07        | -6.33E-08        | -6.33E-08        | -6.33E-08        | -6.33E-08        | -6.33E-08        | -6.33E-08        |
| PLE  | NO               |
| <b>Indicator value</b>   | <b>-6.30E-08</b> | <b>-6.50E-08</b> | <b>-4.70E-08</b> | <b>-4.50E-08</b> | <b>-3.40E-08</b> | <b>-3.40E-08</b> | <b>-1.70E-08</b> | <b>-1.20E-08</b> |

## Licensee Comments:

1Q/14: An internal review identified a data entry error in 2nd Qtr 2013 critical hours for both Units. On Unit 1, the critical hours for April 2013 were increased from 432.5 to 490.2 hours. This changed the critical hours input into the Unplanned Scrams and Unplanned Power Changes per 7,000 Critical Hours indicators, and the MSPI indicators, as shown in the 1st Qtr 2014 Change File. Correction of the error did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

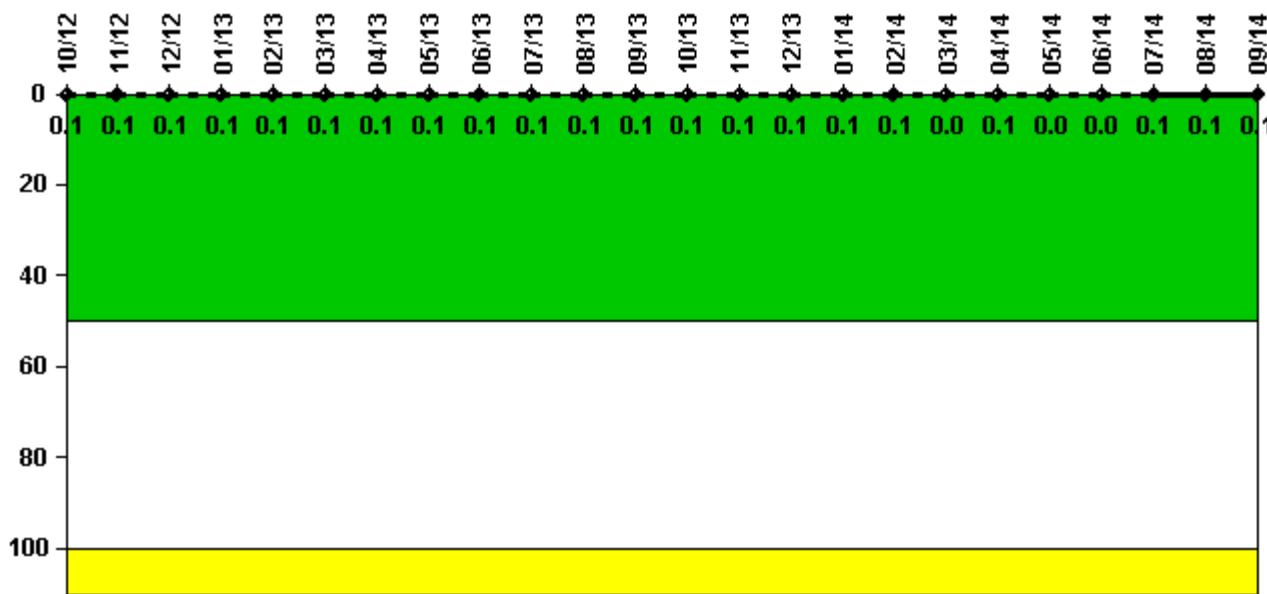
3Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

3Q/13: A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

2Q/13: A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

2Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

## Reactor Coolant System Activity



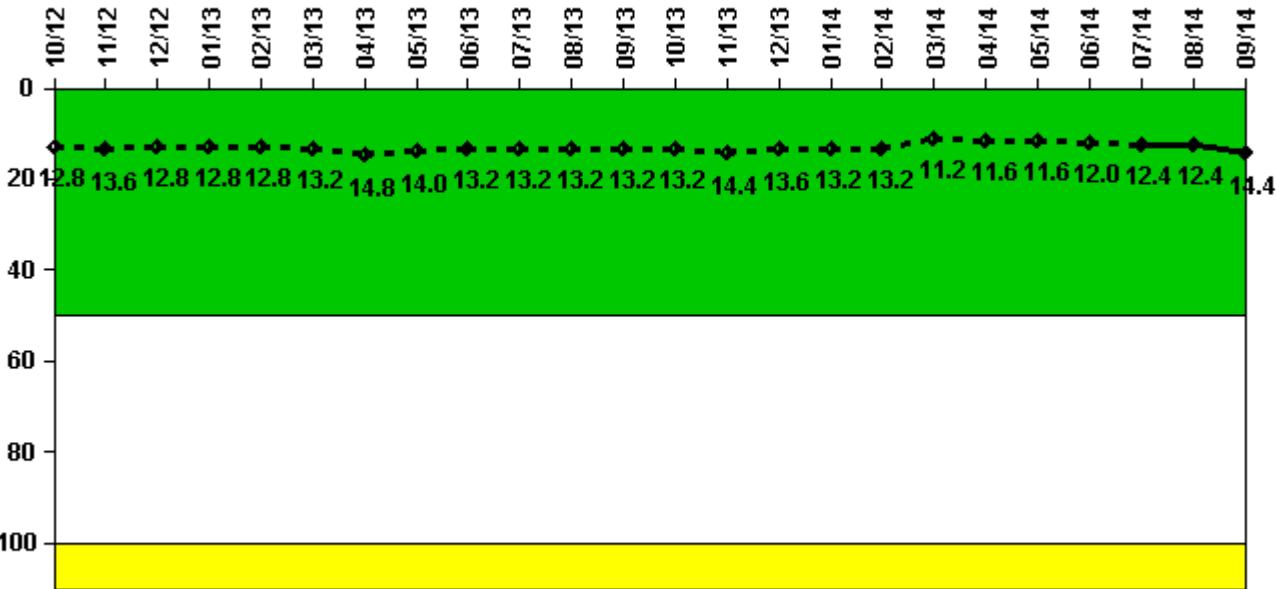
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Activity | 10/12    | 11/12    | 12/12    | 1/13     | 2/13     | 3/13     | 4/13     | 5/13     | 6/13     | 7/13     | 8/13     | 9/13     |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity                | 0.000162 | 0.000121 | 0.000136 | 0.000134 | 0.000134 | 0.000157 | 0.000159 | 0.000149 | 0.000178 | 0.000215 | 0.000282 | 0.000183 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      |
| Reactor Coolant System Activity | 10/13    | 11/13    | 12/13    | 1/14     | 2/14     | 3/14     | 4/14     | 5/14     | 6/14     | 7/14     | 8/14     | 9/14     |
| Maximum activity                | 0.000170 | 0.000167 | 0.000212 | 0.000151 | 0.000132 | 0.000059 | 0.000122 | 0.000078 | 0.000093 | 0.000161 | 0.000132 | 0.000123 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0        | 0.1      | 0        | 0        | 0.1      | 0.1      | 0.1      |

Licensee Comments: none

## Reactor Coolant System Leakage



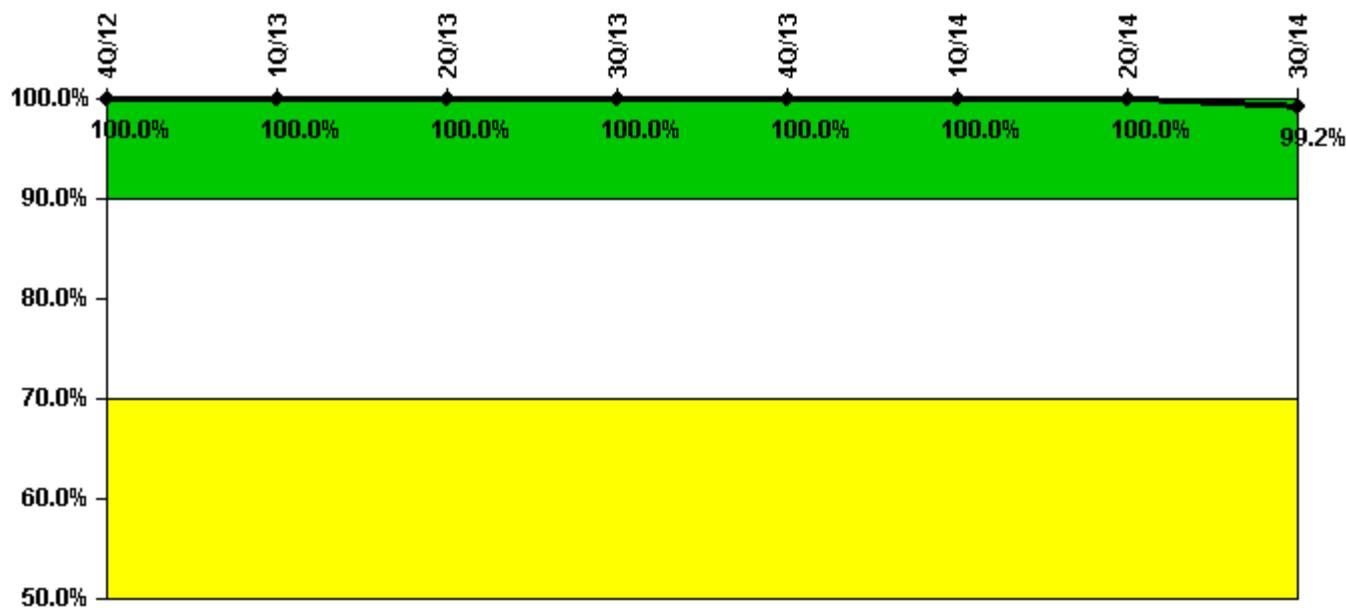
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Leakage | 10/12 | 11/12 | 12/12 | 1/13  | 2/13  | 3/13  | 4/13  | 5/13  | 6/13  | 7/13  | 8/13  | 9/13  |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage                | 3.200 | 3.400 | 3.200 | 3.200 | 3.200 | 3.300 | 3.700 | 3.500 | 3.300 | 3.300 | 3.300 | 3.300 |
| Technical specification limit  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  |
|                                |       |       |       |       |       |       |       |       |       |       |       |       |
| Indicator value                | 12.8  | 13.6  | 12.8  | 12.8  | 12.8  | 13.2  | 14.8  | 14.0  | 13.2  | 13.2  | 13.2  | 13.2  |
| Reactor Coolant System Leakage | 10/13 | 11/13 | 12/13 | 1/14  | 2/14  | 3/14  | 4/14  | 5/14  | 6/14  | 7/14  | 8/14  | 9/14  |
| Maximum leakage                | 3.300 | 3.600 | 3.400 | 3.300 | 3.300 | 2.800 | 2.900 | 2.900 | 3.000 | 3.100 | 3.100 | 3.600 |
| Technical specification limit  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  |
|                                |       |       |       |       |       |       |       |       |       |       |       |       |
| Indicator value                | 13.2  | 14.4  | 13.6  | 13.2  | 13.2  | 11.2  | 11.6  | 11.6  | 12.0  | 12.4  | 12.4  | 14.4  |

Licensee Comments: none

### Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

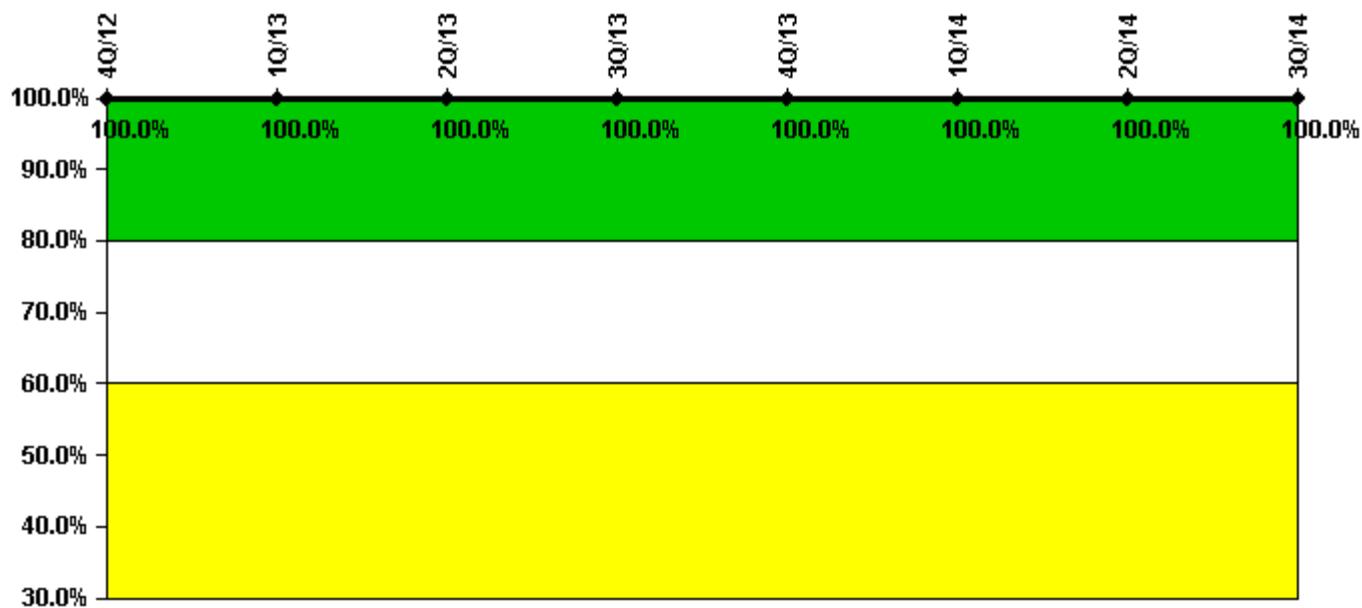
#### Notes

| Drill/Exercise Performance | 4Q/12         | 1Q/13         | 2Q/13         | 3Q/13         | 4Q/13         | 1Q/14         | 2Q/14         | 3Q/14        |
|----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|
| Successful opportunities   | 33.0          | 10.0          | 49.0          | 30.0          | 34.0          | 17.0          | 36.0          | 48.0         |
| Total opportunities        | 33.0          | 10.0          | 49.0          | 30.0          | 34.0          | 17.0          | 36.0          | 50.0         |
| <b>Indicator value</b>     | <b>100.0%</b> | <b>99.2%</b> |

#### Licensee Comments:

2Q/14: An internal review identified additional drill/exercise performance opportunities that should have been counted in the 4th quarter 2013. For October 2013 the number of both the total and successful opportunities was increased from 12 to 16. This correction did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

### ERO Drill Participation



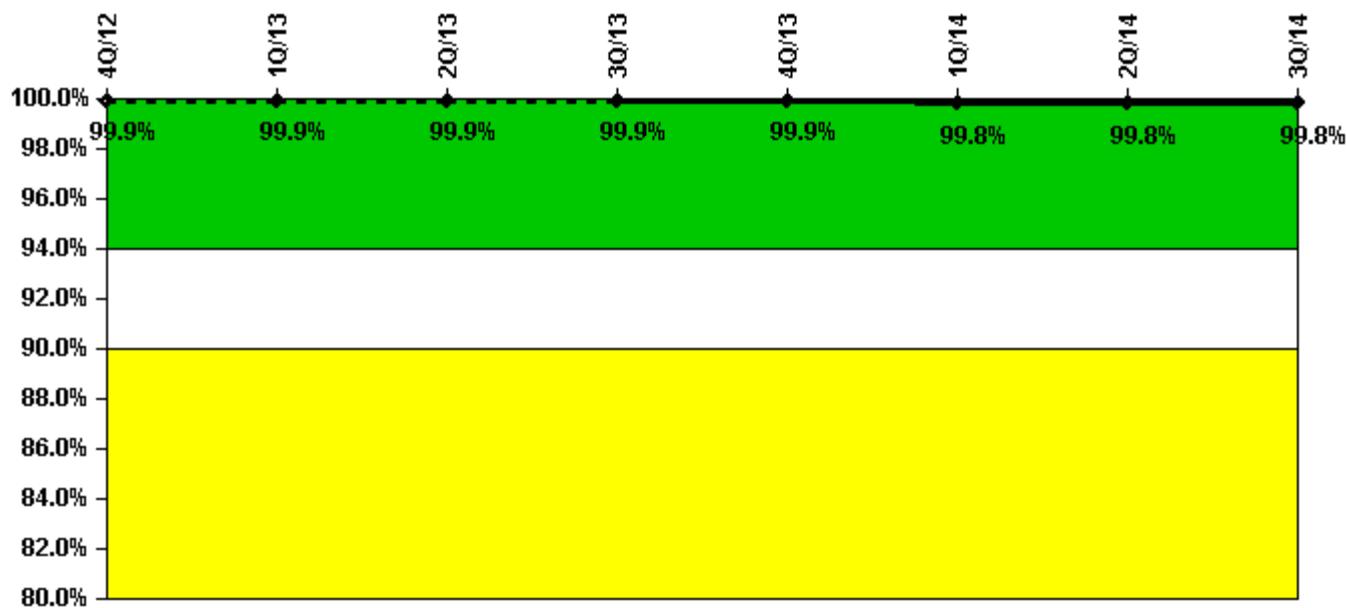
Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

| ERO Drill Participation     | 4Q/12         | 1Q/13         | 2Q/13         | 3Q/13         | 4Q/13         | 1Q/14         | 2Q/14         | 3Q/14         |
|-----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Participating Key personnel | 71.0          | 70.0          | 68.0          | 68.0          | 67.0          | 65.0          | 63.0          | 66.0          |
| Total Key personnel         | 71.0          | 70.0          | 68.0          | 68.0          | 67.0          | 65.0          | 63.0          | 66.0          |
| <b>Indicator value</b>      | <b>100.0%</b> |

Licensee Comments: none

## Alert & Notification System



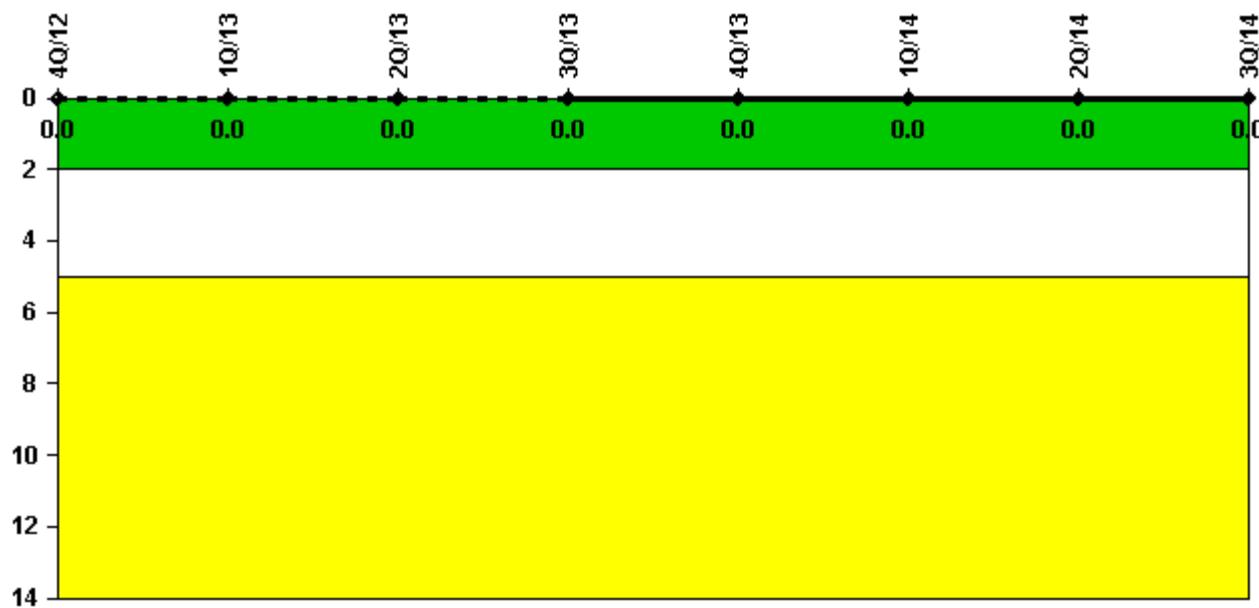
Thresholds: White < 94.0% Yellow < 90.0%

### Notes

| Alert & Notification System | 4Q/12        | 1Q/13        | 2Q/13        | 3Q/13        | 4Q/13        | 1Q/14        | 2Q/14        | 3Q/14        |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests      | 2175         | 2175         | 2170         | 2176         | 2175         | 2131         | 2171         | 2174         |
| Total sirens-tests          | 2176         | 2176         | 2176         | 2176         | 2176         | 2142         | 2176         | 2176         |
| <b>Indicator value</b>      | <b>99.9%</b> | <b>99.9%</b> | <b>99.9%</b> | <b>99.9%</b> | <b>99.9%</b> | <b>99.8%</b> | <b>99.8%</b> | <b>99.8%</b> |

Licensee Comments: none

## Occupational Exposure Control Effectiveness



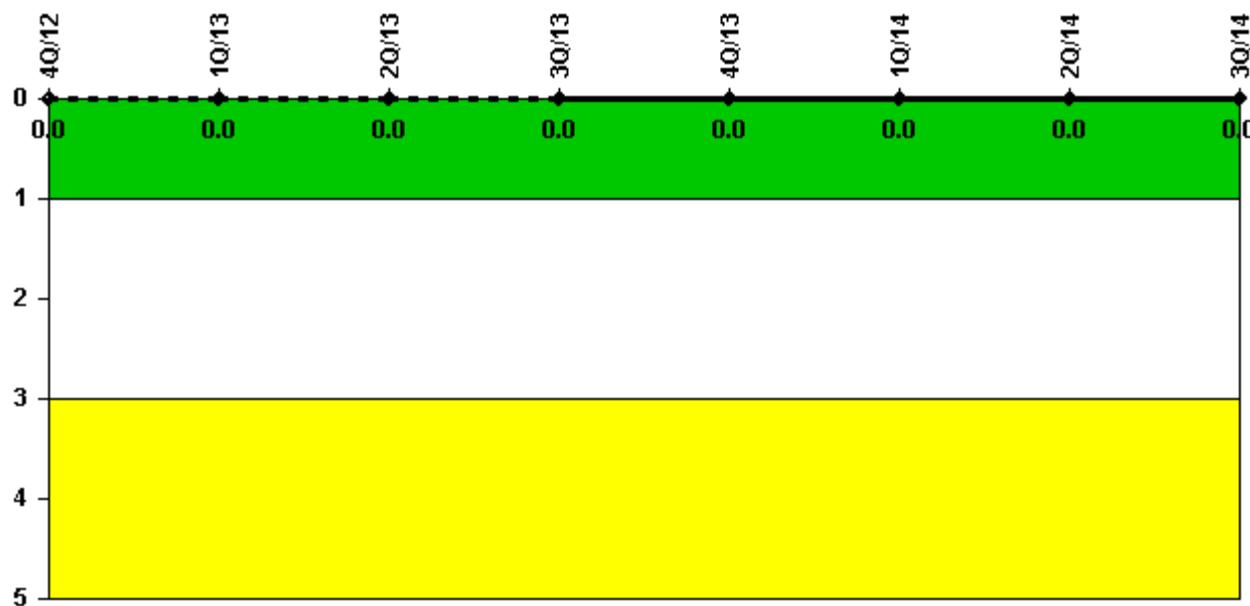
Thresholds: White > 2.0 Yellow > 5.0

### Notes

| Occupational Exposure Control Effectiveness | 4Q/12    | 1Q/13    | 2Q/13    | 3Q/13    | 4Q/13    | 1Q/14    | 2Q/14    | 3Q/14    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>0</b> |

Licensee Comments: none

## RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

### Notes

| RETS/ODCM Radiological Effluent | 4Q/12    | 1Q/13    | 2Q/13    | 3Q/13    | 4Q/13    | 1Q/14    | 2Q/14    | 3Q/14    |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| RETS/ODCM occurrences           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Indicator value                 | <b>0</b> |

Licensee Comments: none

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Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

 [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

*Last Modified: November 3, 2014*

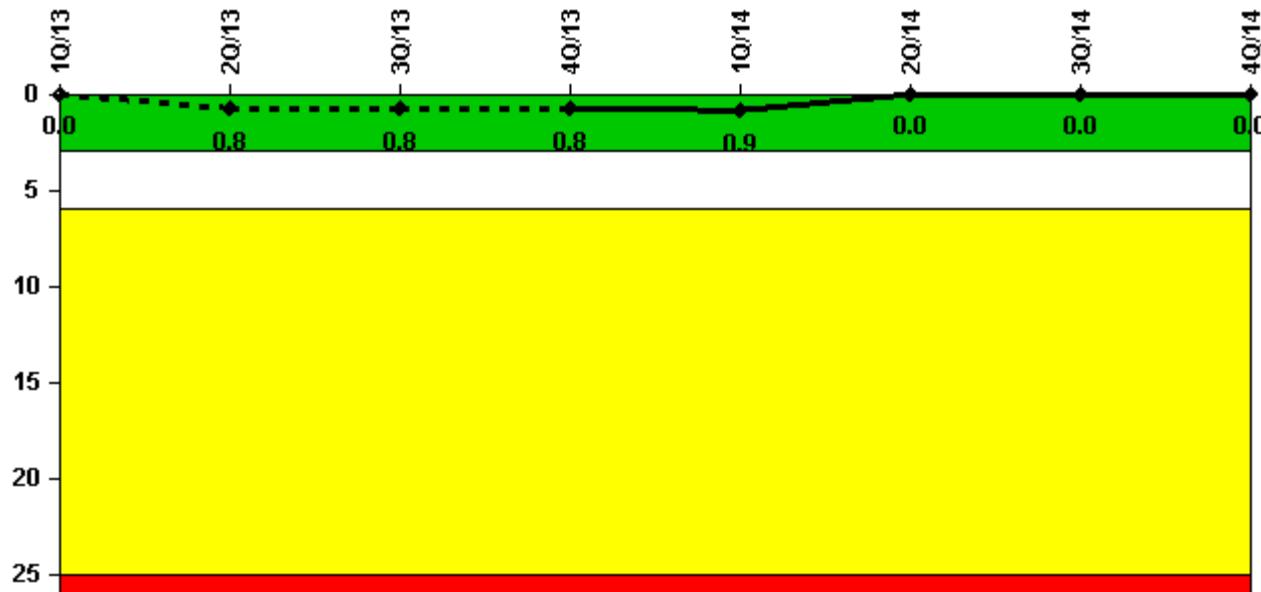
# La Salle 1

## 4Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

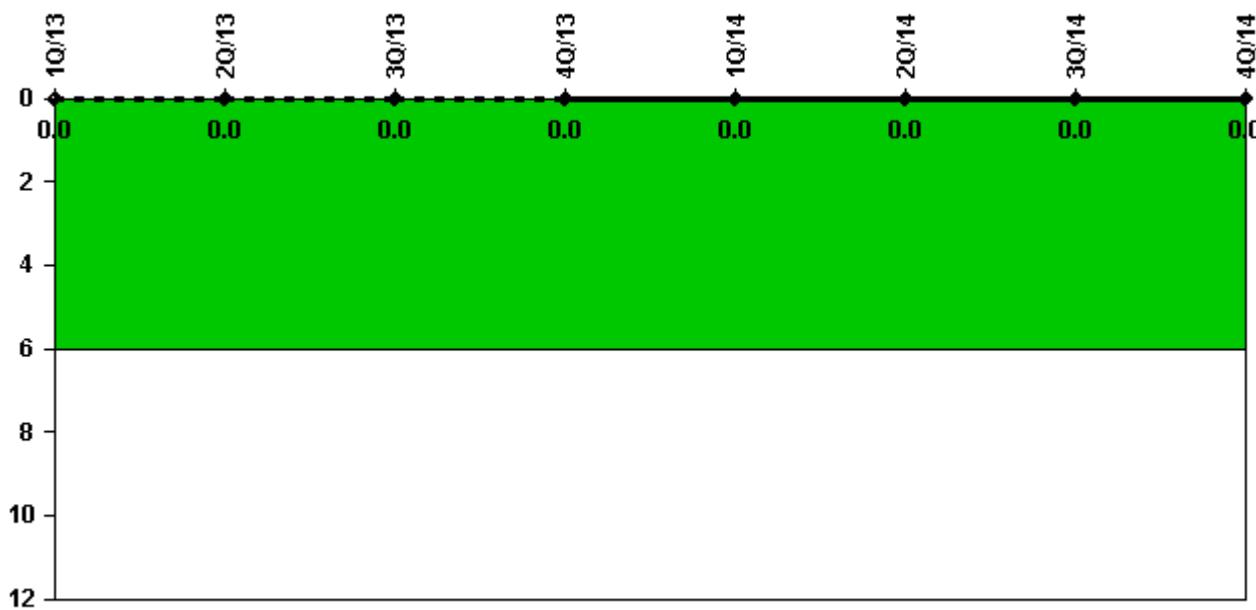
### Notes

| Unplanned Scrams per 7000 Critical Hrs | 1Q/13  | 2Q/13  | 3Q/13  | 4Q/13  | 1Q/14  | 2Q/14  | 3Q/14  | 4Q/14  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 1.0    | 0      | 0      | 0      | 0      | 0      | 0      |
| Critical hours                         | 2159.0 | 1954.2 | 2208.0 | 2209.0 | 1754.0 | 2184.0 | 2208.0 | 2041.7 |
| Indicator value                        | 0      | 0.8    | 0.8    | 0.8    | 0.9    | 0      | 0      | 0      |

Licensee Comments:

1Q/14: An internal review identified a data entry error in 2nd Qtr 2013 critical hours for both Units. On Unit 1, the critical hours for April 2013 were increased from 432.5 to 490.2 hours. This changed the critical hours input into the Unplanned Scrams and Unplanned Power Changes per 7,000 Critical Hours indicators, and the MSPI indicators, as shown in the 1st Qtr 2014 Change File. Correction of the error did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

### Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

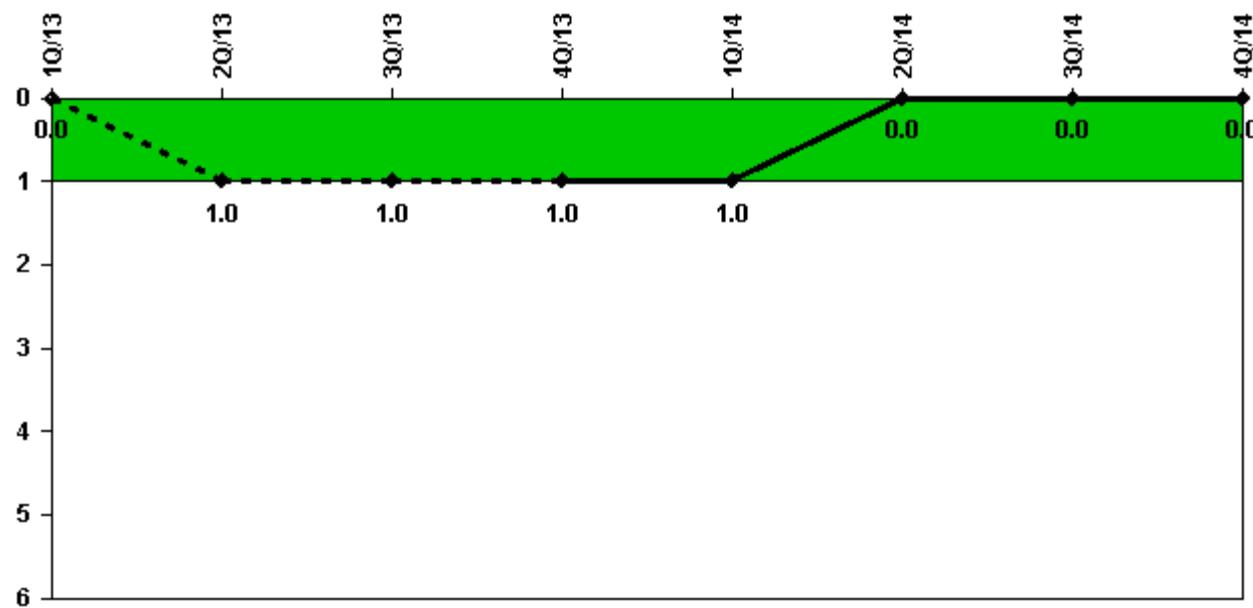
#### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 1Q/13    | 2Q/13    | 3Q/13    | 4Q/13    | 1Q/14    | 2Q/14    | 3Q/14    | 4Q/14    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Unplanned power changes                       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Critical hours                                | 2159.0   | 1954.2   | 2208.0   | 2209.0   | 1754.0   | 2184.0   | 2208.0   | 2041.7   |
| <b>Indicator value</b>                        | <b>0</b> |

#### Licensee Comments:

1Q/14: An internal review identified a data entry error in 2nd Qtr 2013 critical hours for both Units. On Unit 1, the critical hours for April 2013 were increased from 432.5 to 490.2 hours. This changed the critical hours input into the Unplanned Scrams and Unplanned Power Changes per 7,000 Critical Hours indicators, and the MSPI indicators, as shown in the 1st Qtr 2014 Change File. Correction of the error did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

### Unplanned Scrams with Complications



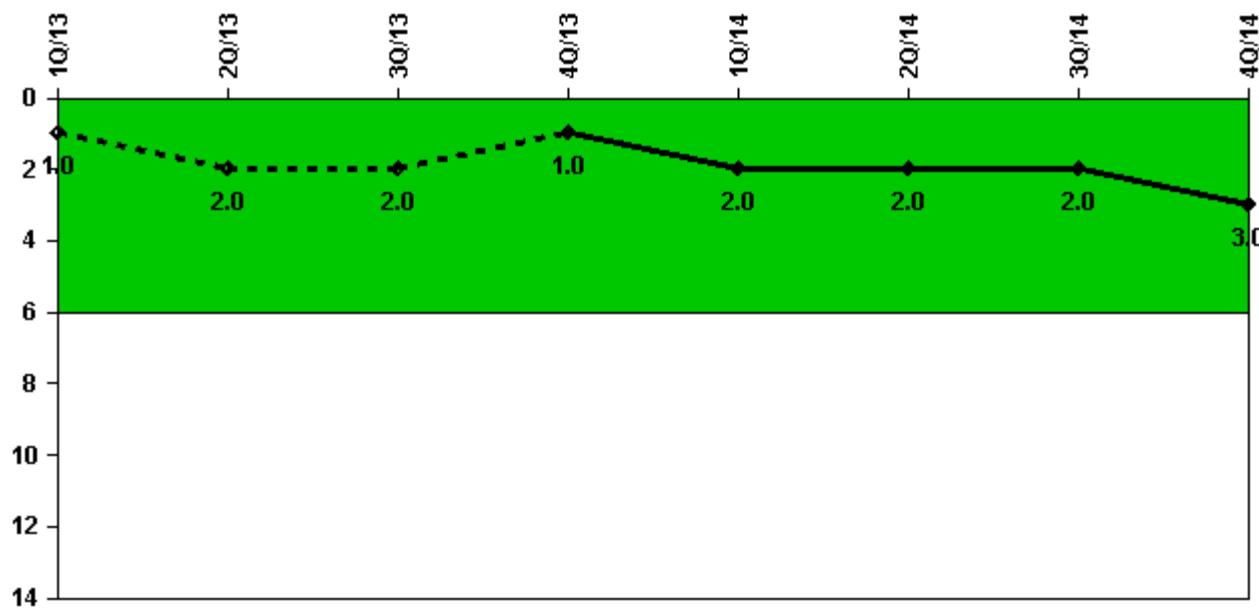
Thresholds: White > 1.0

#### Notes

| Unplanned Scrams with Complications | 1Q/13      | 2Q/13      | 3Q/13      | 4Q/13      | 1Q/14      | 2Q/14      | 3Q/14      | 4Q/14      |
|-------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Scrams with complications           | 0          | 1.0        | 0          | 0          | 0          | 0          | 0          | 0          |
|                                     |            |            |            |            |            |            |            |            |
|                                     |            |            |            |            |            |            |            |            |
| <b>Indicator value</b>              | <b>0.0</b> | <b>1.0</b> | <b>1.0</b> | <b>1.0</b> | <b>1.0</b> | <b>0.0</b> | <b>0.0</b> | <b>0.0</b> |

Licensee Comments: none

## Safety System Functional Failures (BWR)



Thresholds: White > 6.0

### Notes

| Safety System Functional Failures (BWR) | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures       | 0     | 1     | 0     | 0     | 1     | 1     | 0     | 1     |
| Indicator value                         | 1     | 2     | 2     | 1     | 2     | 2     | 2     | 3     |

Licensee Comments:

4Q/14: LER 373-2014-004

2Q/14: LER 373-2014-002-00.

1Q/14: LER 373-2013-008-00. Also, Unit 1 Safety System Functional Failures for April 2013 were changed from 1 to 0, as an engineering evaluation determined that the secondary containment inoperability did not result in a loss of safety function as defined by NEI 99-02. See LER 373-2013-001-02. Unit 1 Safety System Functional Failures for June 2013 were changed from 2 to 1, as further review determined that the April LOOP event was not reportable under 10 CFR 50.73(a)(2)(v)(D). See LER 373-2013-002-02. Unit 1 Safety System Functional Failures for December 2013 were changed from 1 to 0, as an engineering evaluation determined that the secondary containment inoperability did not result in a loss of safety function as defined by NEI 99-02. See LER 373-2013-007-01.

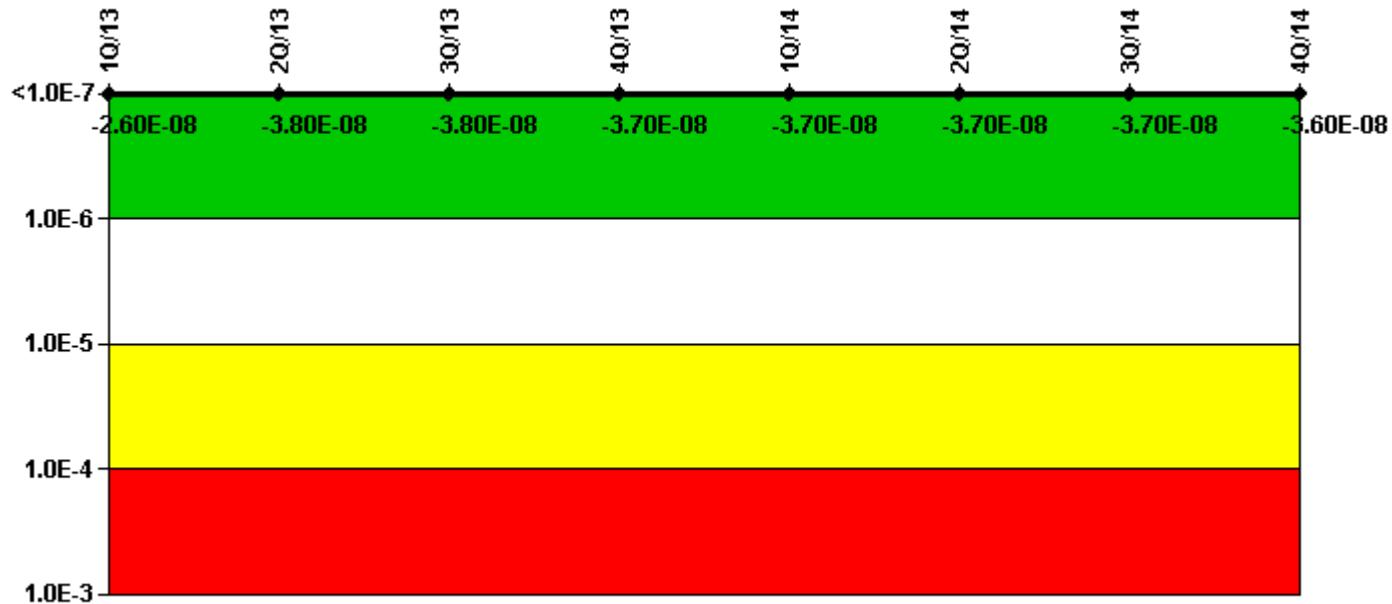
4Q/13: LER 373-2013-007-00

4Q/13: LER 373-2013-007

2Q/13: LERs 373-2013-001-00, 373-2013-002-00, and 373-2013-003-00.

2Q/13: LERs 373-2013-001, 373-2013-002, and 373-2013-003

## Mitigating Systems Performance Index, Emergency AC Power System



### Notes

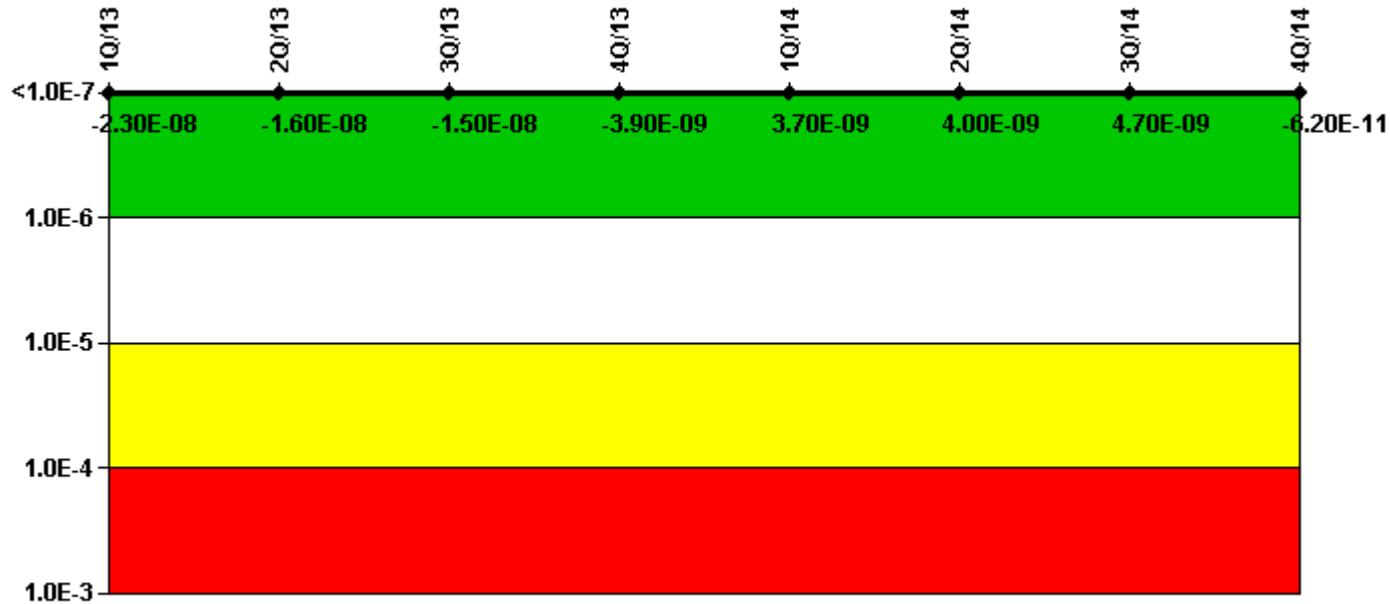
| Mitigating Systems Performance Index,<br>Emergency AC Power System | 1Q/13            | 2Q/13            | 3Q/13            | 4Q/13            | 1Q/14            | 2Q/14            | 3Q/14            | 4Q/14            |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)  | -4.09E-09        | -6.29E-09        |
| URI ( $\Delta$ CDF)  | -2.18E-08        | -3.17E-08        | -3.15E-08        | -3.12E-08        | -3.09E-08        | -3.06E-08        | -3.02E-08        | -2.99E-08        |
| PLE  | NO               |
| <b>Indicator value</b>   | <b>-2.60E-08</b> | <b>-3.80E-08</b> | <b>-3.80E-08</b> | <b>-3.70E-08</b> | <b>-3.70E-08</b> | <b>-3.70E-08</b> | <b>-3.70E-08</b> | <b>-3.60E-08</b> |

Licensee Comments:

3Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

2Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

## Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 1Q/13            | 2Q/13            | 3Q/13            | 4Q/13            | 1Q/14           | 2Q/14           | 3Q/14           | 4Q/14            |
|--|------------------|------------------|------------------|------------------|-----------------|-----------------|-----------------|------------------|
| UAI ( $\Delta$ CDF)  | -2.20E-09        | -1.43E-09        | -2.71E-10        | 1.01E-08         | 1.75E-08        | 1.75E-08        | 1.79E-08        | 1.29E-08         |
| URI ( $\Delta$ CDF)  | -2.10E-08        | -1.45E-08        | -1.42E-08        | -1.40E-08        | -1.37E-08       | -1.35E-08       | -1.32E-08       | -1.30E-08        |
| PLE  | NO               | NO               | NO               | NO               | NO              | NO              | NO              | NO               |
| Indicator value  | <b>-2.30E-08</b> | <b>-1.60E-08</b> | <b>-1.50E-08</b> | <b>-3.90E-09</b> | <b>3.70E-09</b> | <b>4.00E-09</b> | <b>4.70E-09</b> | <b>-6.20E-11</b> |

### Licensee Comments:

1Q/14: An internal review identified a data entry error in 2nd Qtr 2013 critical hours for both Units. On Unit 1, the critical hours for April 2013 were increased from 432.5 to 490.2 hours. This changed the critical hours input into the Unplanned Scrams and Unplanned Power Changes per 7,000 Critical Hours indicators, and the MSPI indicators, as shown in the 1st Qtr 2014 Change File. Correction of the error did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

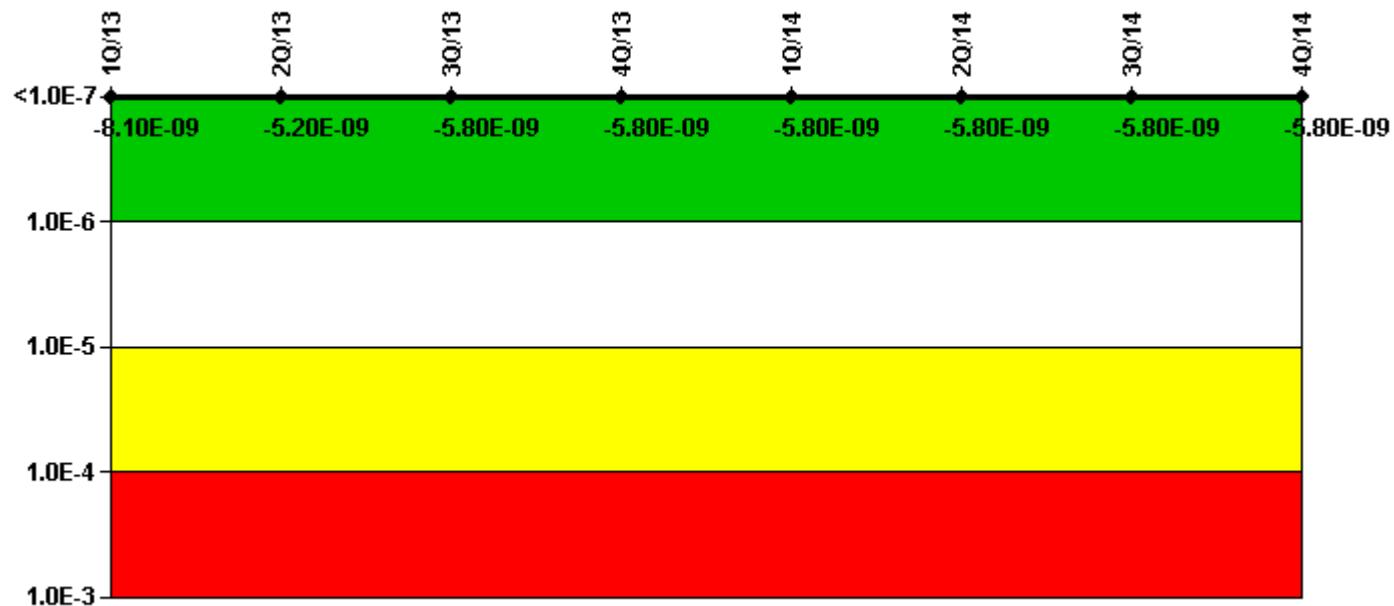
3Q/13: A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

3Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA

coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

2Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

### Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

#### Notes

| Mitigating Systems Performance Index, Heat Removal System | 1Q/13            | 2Q/13            | 3Q/13            | 4Q/13            | 1Q/14            | 2Q/14            | 3Q/14            | 4Q/14            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)                                       | -1.33E-09        | -5.65E-10        | -1.16E-09        | -1.16E-09        | -1.15E-09        | -1.15E-09        | -1.15E-09        | -1.15E-09        |
| URI ( $\Delta$ CDF)                                       | -6.79E-09        | -4.66E-09        |
| PLE   | NO               |
| <b>Indicator value</b>                                    | <b>-8.10E-09</b> | <b>-5.20E-09</b> | <b>-5.80E-09</b> | <b>-5.80E-09</b> | <b>-5.80E-09</b> | <b>-5.80E-09</b> | <b>-5.80E-09</b> | <b>-5.80E-09</b> |

Licensee Comments:

1Q/14: An internal review identified a data entry error in 2nd Qtr 2013 critical hours for both Units. On Unit 1, the critical hours for April 2013 were increased from 432.5 to 490.2 hours. This changed the critical hours input into the Unplanned Scrams and Unplanned Power Changes per 7,000 Critical Hours indicators, and the MSPI

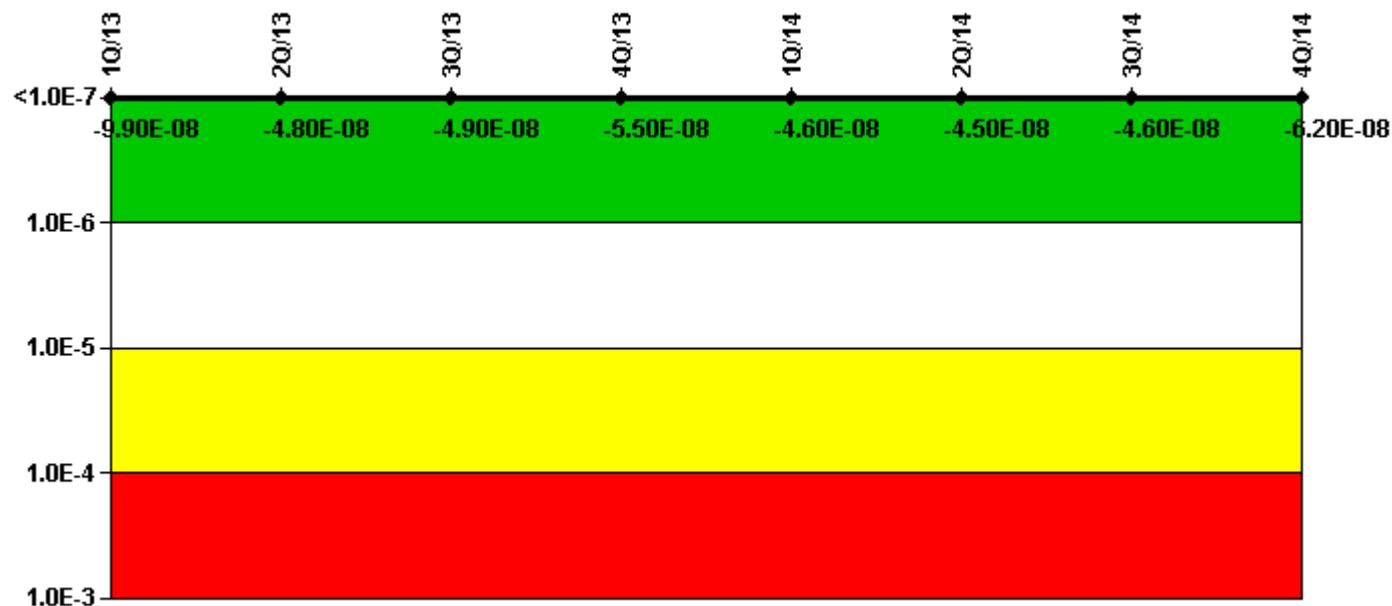
indicators, as shown in the 1st Qtr 2014 Change File. Correction of the error did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

3Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

2Q/13: A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

2Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

### Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 1Q/13          | 2Q/13          | 3Q/13          | 4Q/13          | 1Q/14          | 2Q/14          | 3Q/14          | 4Q/14          |
|--|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| UAI ( $\Delta$ CDF)  | -1.41E-08      | 1.13E-09       | 2.35E-10       | -5.60E-09      | 3.52E-09       | 4.07E-09       | 3.40E-09       | -1.31E-08      |
| URI ( $\Delta$ CDF)  | -8.44E-08      | -4.94E-08      |
| PLE  | NO             |
|  | <b>-9.90E-</b> | <b>-4.80E-</b> | <b>-4.90E-</b> | <b>-5.50E-</b> | <b>-4.60E-</b> | <b>-4.50E-</b> | <b>-4.60E-</b> | <b>-6.20E-</b> |

| Indicator value | 08 | 08 | 08 | 08 | 08 | 08 | 08 | 08 |
|-----------------|----|----|----|----|----|----|----|----|
|-----------------|----|----|----|----|----|----|----|----|

## Licensee Comments:

1Q/14: An internal review identified a data entry error in 2nd Qtr 2013 critical hours for both Units. On Unit 1, the critical hours for April 2013 were increased from 432.5 to 490.2 hours. This changed the critical hours input into the Unplanned Scramps and Unplanned Power Changes per 7,000 Critical Hours indicators, and the MSPI indicators, as shown in the 1st Qtr 2014 Change File. Correction of the error did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

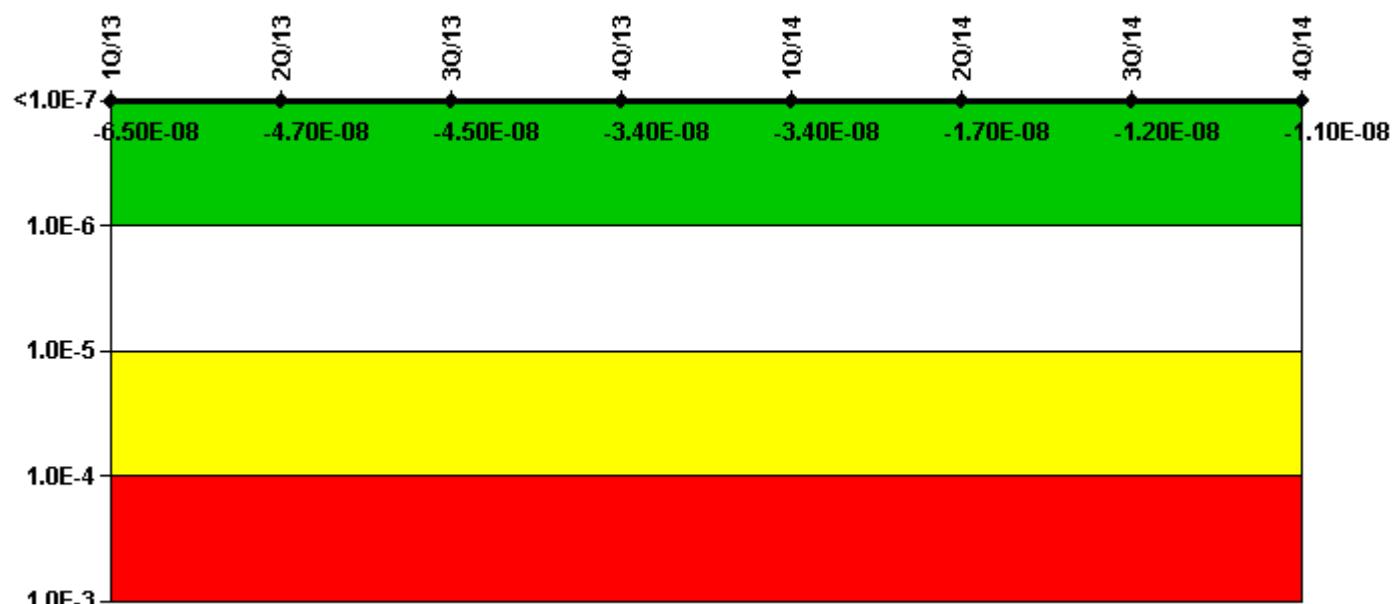
3Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

3Q/13: A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

2Q/13: A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

2Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

### Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| <b>Mitigating Systems Performance Index, Cooling Water Systems</b> | <b>1Q/13</b>     | <b>2Q/13</b>     | <b>3Q/13</b>     | <b>4Q/13</b>     | <b>1Q/14</b>     | <b>2Q/14</b>     | <b>3Q/14</b>     | <b>4Q/14</b>     |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)  | 3.99E-08         | 1.62E-08         | 1.80E-08         | 2.89E-08         | 2.95E-08         | 4.62E-08         | 5.11E-08         | 5.23E-08         |
| URI ( $\Delta$ CDF)  | -1.05E-07        | -6.33E-08        |
| PLE  | NO               |
| <b>Indicator value</b>   | <b>-6.50E-08</b> | <b>-4.70E-08</b> | <b>-4.50E-08</b> | <b>-3.40E-08</b> | <b>-3.40E-08</b> | <b>-1.70E-08</b> | <b>-1.20E-08</b> | <b>-1.10E-08</b> |

## Licensee Comments:

1Q/14: An internal review identified a data entry error in 2nd Qtr 2013 critical hours for both Units. On Unit 1, the critical hours for April 2013 were increased from 432.5 to 490.2 hours. This changed the critical hours input into the Unplanned Scrams and Unplanned Power Changes per 7,000 Critical Hours indicators, and the MSPI indicators, as shown in the 1st Qtr 2014 Change File. Correction of the error did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

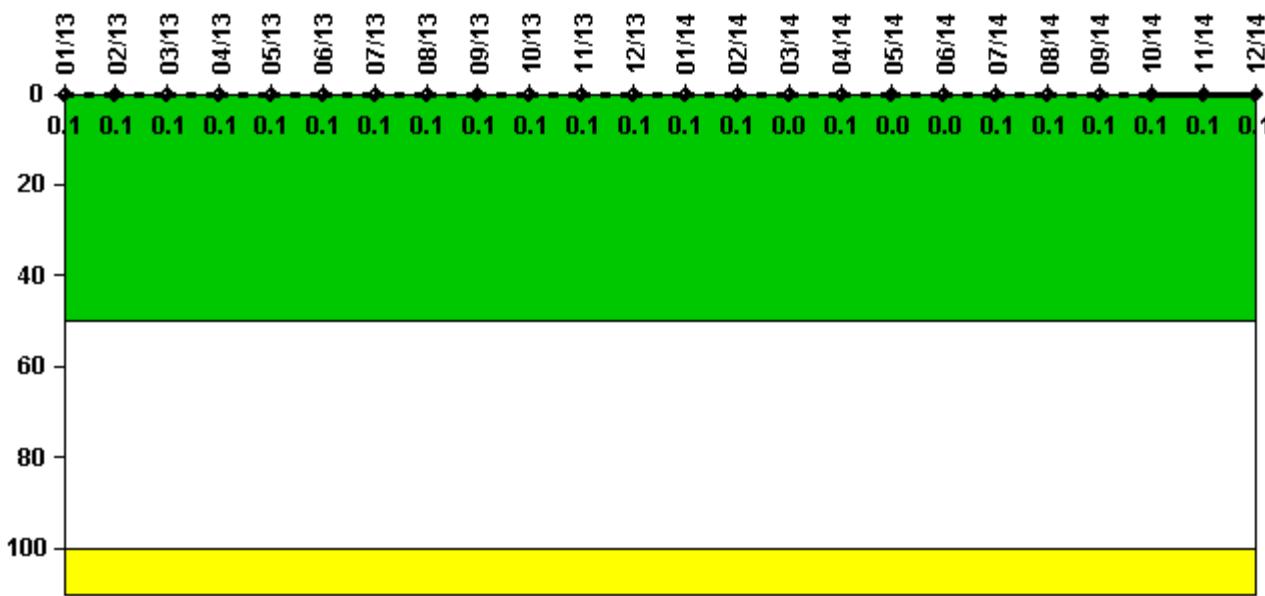
3Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

3Q/13: A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

2Q/13: A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

2Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

## Reactor Coolant System Activity



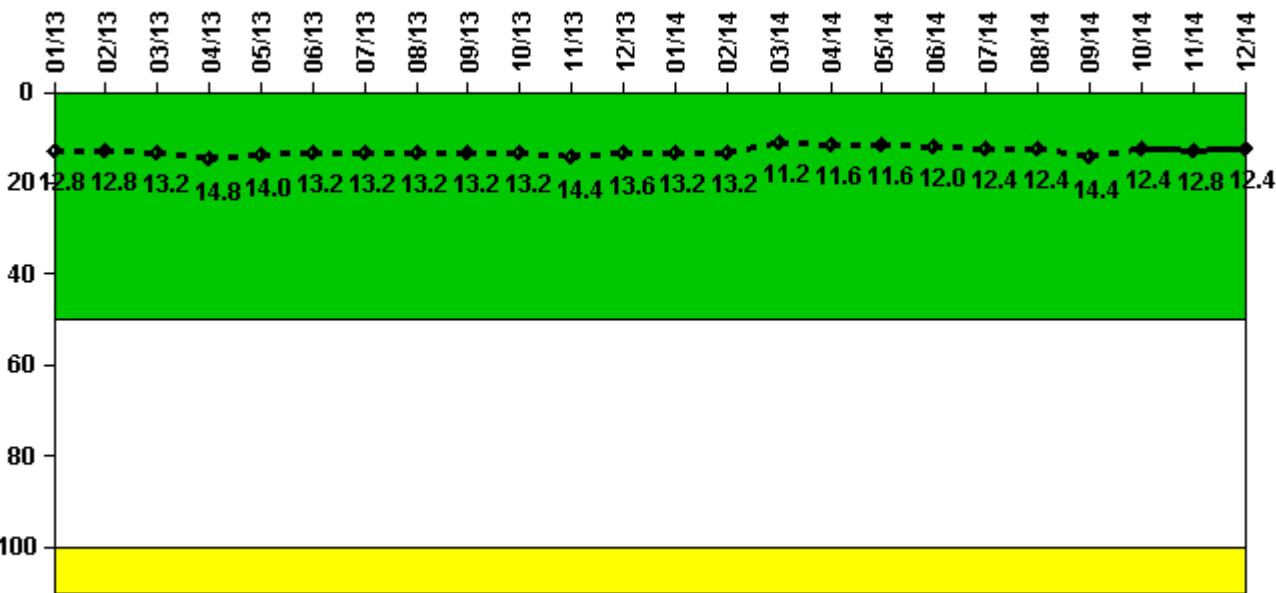
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Activity | 1/13     | 2/13     | 3/13     | 4/13     | 5/13     | 6/13     | 7/13     | 8/13     | 9/13     | 10/13    | 11/13    | 12/13    |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity                | 0.000134 | 0.000134 | 0.000157 | 0.000159 | 0.000149 | 0.000178 | 0.000215 | 0.000282 | 0.000183 | 0.000170 | 0.000167 | 0.000212 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      |
| Reactor Coolant System Activity | 1/14     | 2/14     | 3/14     | 4/14     | 5/14     | 6/14     | 7/14     | 8/14     | 9/14     | 10/14    | 11/14    | 12/14    |
| Maximum activity                | 0.000151 | 0.000132 | 0.000059 | 0.000122 | 0.000078 | 0.000093 | 0.000161 | 0.000132 | 0.000123 | 0.000130 | 0.000128 | 0.000108 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0.1      | 0.1      | 0        | 0.1      | 0        | 0        | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      |

Licensee Comments: none

## Reactor Coolant System Leakage



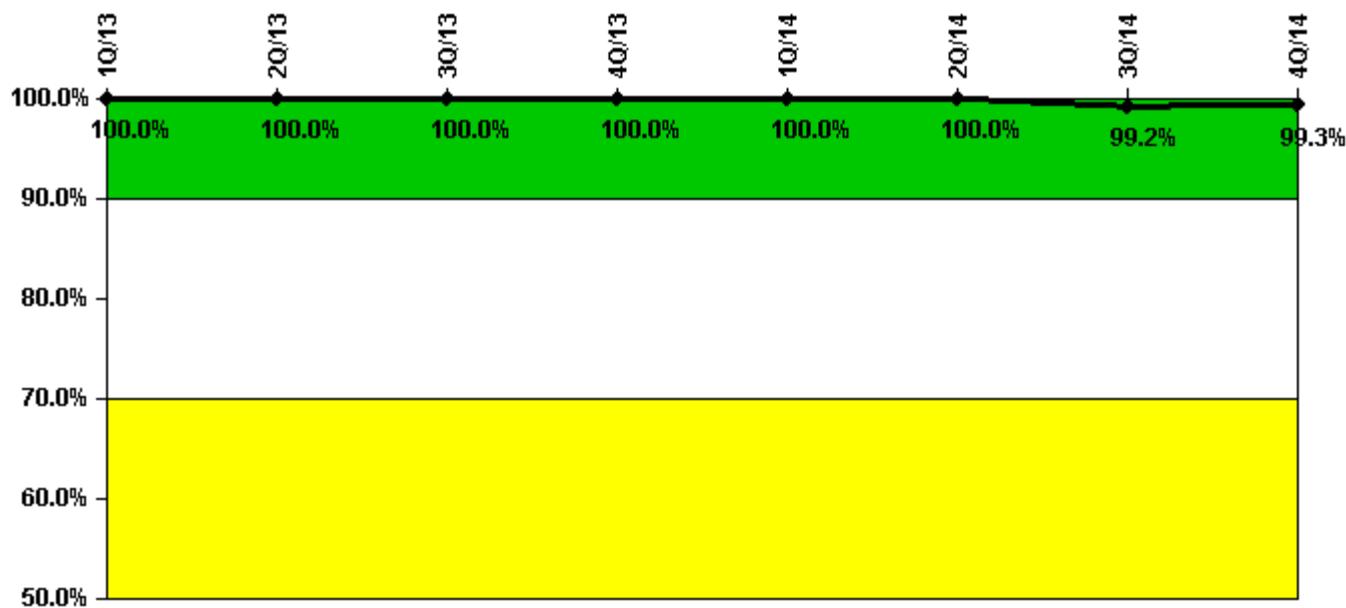
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Leakage | 1/13        | 2/13        | 3/13        | 4/13        | 5/13        | 6/13        | 7/13        | 8/13        | 9/13        | 10/13       | 11/13       | 12/13       |
|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Maximum leakage                | 3.200       | 3.200       | 3.300       | 3.700       | 3.500       | 3.300       | 3.300       | 3.300       | 3.300       | 3.300       | 3.600       | 3.400       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| <b>Indicator value</b>         | <b>12.8</b> | <b>12.8</b> | <b>13.2</b> | <b>14.8</b> | <b>14.0</b> | <b>13.2</b> | <b>13.2</b> | <b>13.2</b> | <b>13.2</b> | <b>13.2</b> | <b>14.4</b> | <b>13.6</b> |
| Reactor Coolant System Leakage | 1/14        | 2/14        | 3/14        | 4/14        | 5/14        | 6/14        | 7/14        | 8/14        | 9/14        | 10/14       | 11/14       | 12/14       |
| Maximum leakage                | 3.300       | 3.300       | 2.800       | 2.900       | 2.900       | 3.000       | 3.100       | 3.100       | 3.600       | 3.100       | 3.200       | 3.100       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| <b>Indicator value</b>         | <b>13.2</b> | <b>13.2</b> | <b>11.2</b> | <b>11.6</b> | <b>11.6</b> | <b>12.0</b> | <b>12.4</b> | <b>12.4</b> | <b>14.4</b> | <b>12.4</b> | <b>12.8</b> | <b>12.4</b> |

Licensee Comments: none

### Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

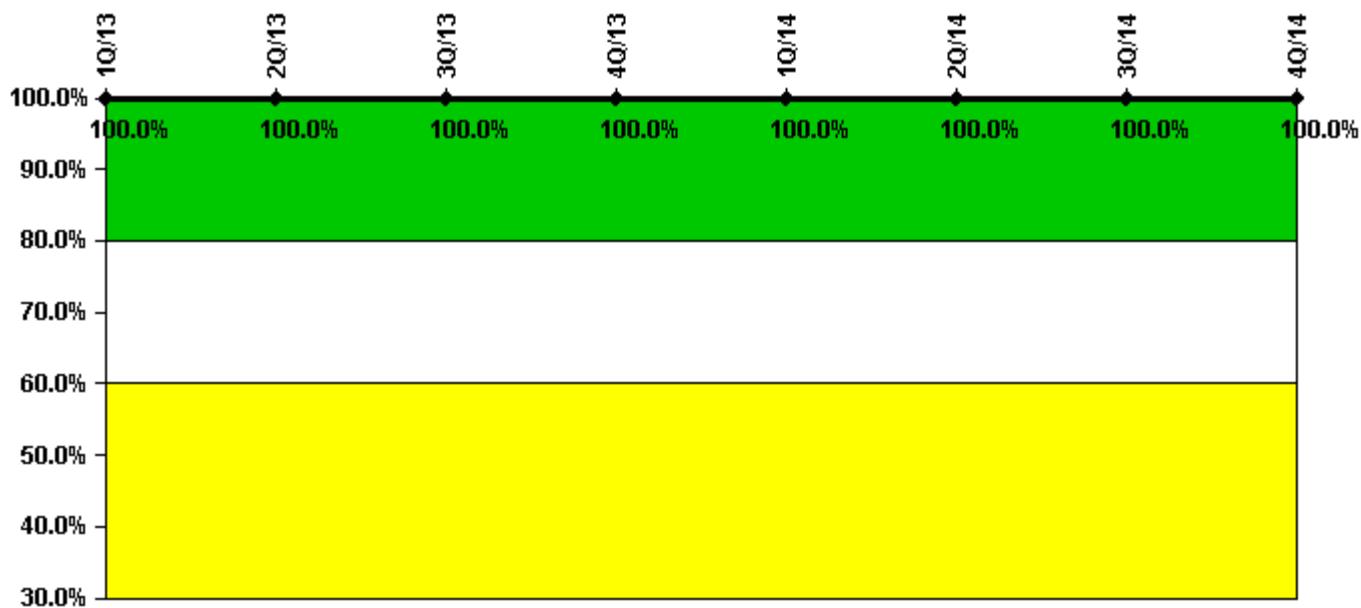
#### Notes

| Drill/Exercise Performance | 1Q/13         | 2Q/13         | 3Q/13         | 4Q/13         | 1Q/14         | 2Q/14         | 3Q/14        | 4Q/14        |
|----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|
| Successful opportunities   | 10.0          | 49.0          | 30.0          | 34.0          | 17.0          | 36.0          | 48.0         | 42.0         |
| Total opportunities        | 10.0          | 49.0          | 30.0          | 34.0          | 17.0          | 36.0          | 50.0         | 42.0         |
| <b>Indicator value</b>     | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>99.2%</b> | <b>99.3%</b> |

#### Licensee Comments:

2Q/14: An internal review identified additional drill/exercise performance opportunities that should have been counted in the 4th quarter 2013. For October 2013 the number of both the total and successful opportunities was increased from 12 to 16. This correction did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

### ERO Drill Participation



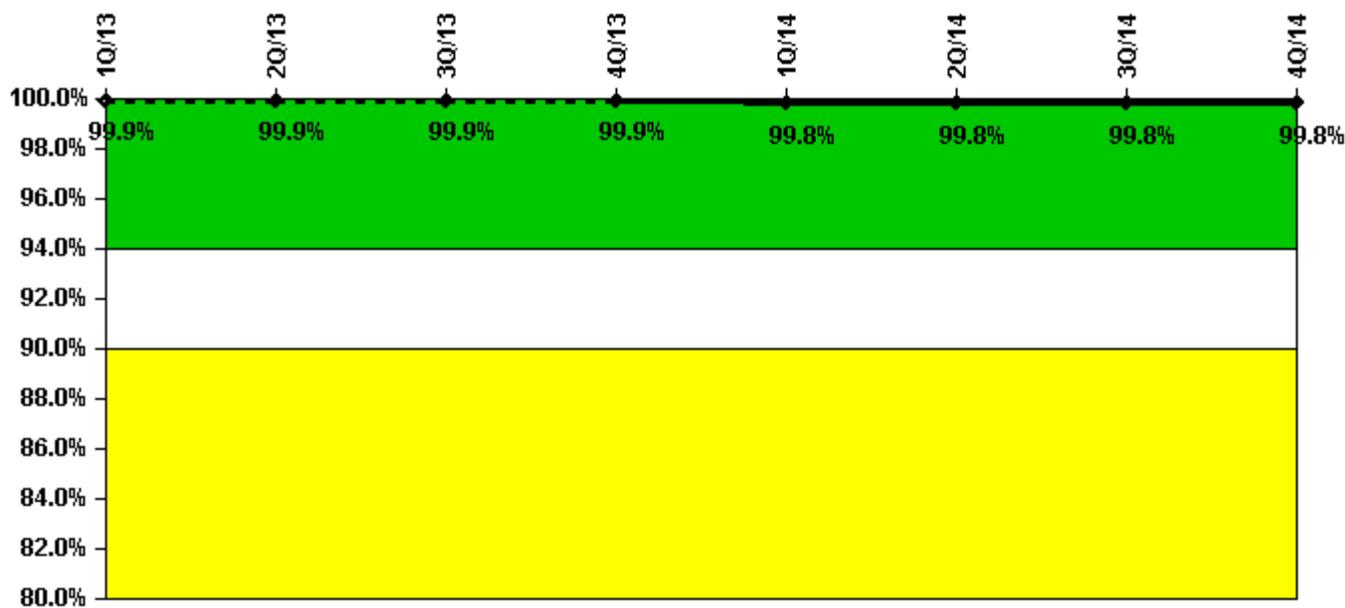
Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

| ERO Drill Participation     | 1Q/13         | 2Q/13         | 3Q/13         | 4Q/13         | 1Q/14         | 2Q/14         | 3Q/14         | 4Q/14         |
|-----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Participating Key personnel | 70.0          | 68.0          | 68.0          | 67.0          | 65.0          | 63.0          | 66.0          | 70.0          |
| Total Key personnel         | 70.0          | 68.0          | 68.0          | 67.0          | 65.0          | 63.0          | 66.0          | 70.0          |
| <b>Indicator value</b>      | <b>100.0%</b> |

Licensee Comments: none

## Alert & Notification System



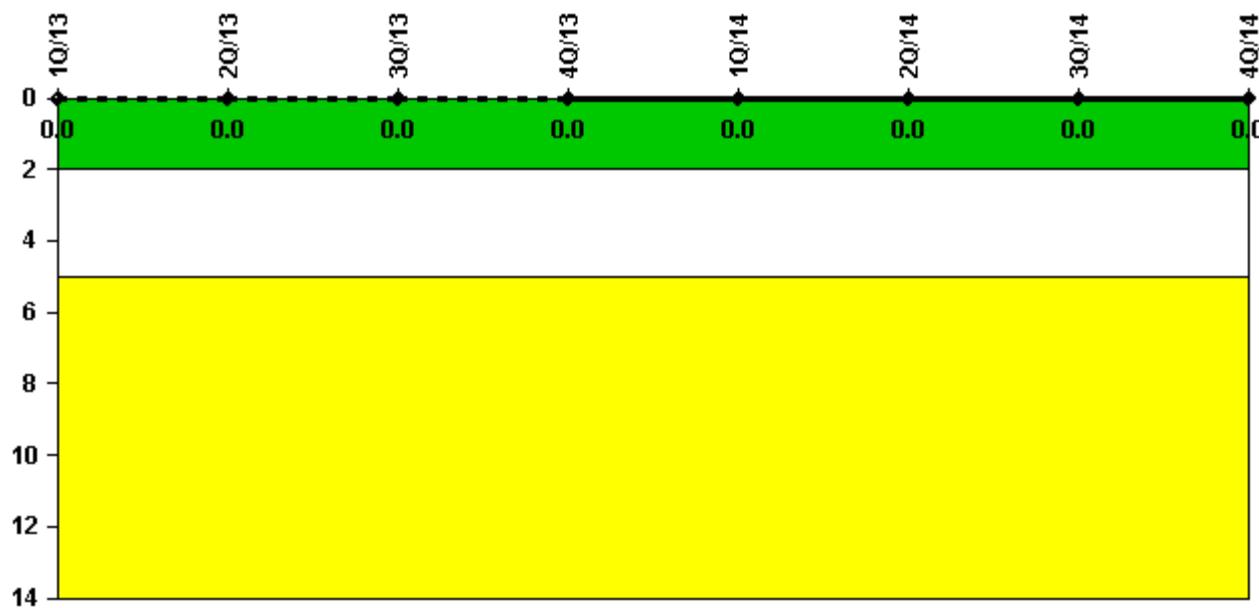
Thresholds: White < 94.0% Yellow < 90.0%

### Notes

| Alert & Notification System | 1Q/13        | 2Q/13        | 3Q/13        | 4Q/13        | 1Q/14        | 2Q/14        | 3Q/14        | 4Q/14        |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests      | 2175         | 2170         | 2176         | 2175         | 2131         | 2171         | 2174         | 2175         |
| Total sirens-tests          | 2176         | 2176         | 2176         | 2176         | 2142         | 2176         | 2176         | 2176         |
| <b>Indicator value</b>      | <b>99.9%</b> | <b>99.9%</b> | <b>99.9%</b> | <b>99.9%</b> | <b>99.8%</b> | <b>99.8%</b> | <b>99.8%</b> | <b>99.8%</b> |

Licensee Comments: none

## Occupational Exposure Control Effectiveness



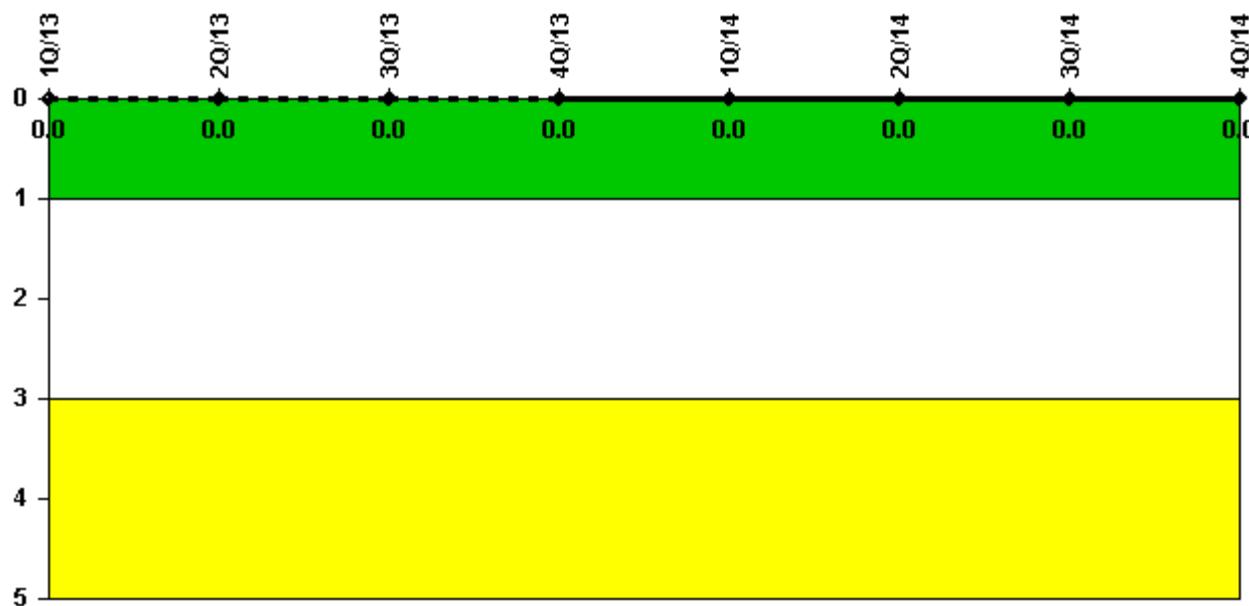
Thresholds: White > 2.0 Yellow > 5.0

### Notes

| Occupational Exposure Control Effectiveness | 1Q/13    | 2Q/13    | 3Q/13    | 4Q/13    | 1Q/14    | 2Q/14    | 3Q/14    | 4Q/14    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>0</b> |

Licensee Comments: none

## RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

### Notes

| RETS/ODCM Radiological Effluent | 1Q/13    | 2Q/13    | 3Q/13    | 4Q/13    | 1Q/14    | 2Q/14    | 3Q/14    | 4Q/14    |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| RETS/ODCM occurrences           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Indicator value                 | <b>0</b> |

Licensee Comments: none

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Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

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 [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

*Last Modified: February 3, 2015*

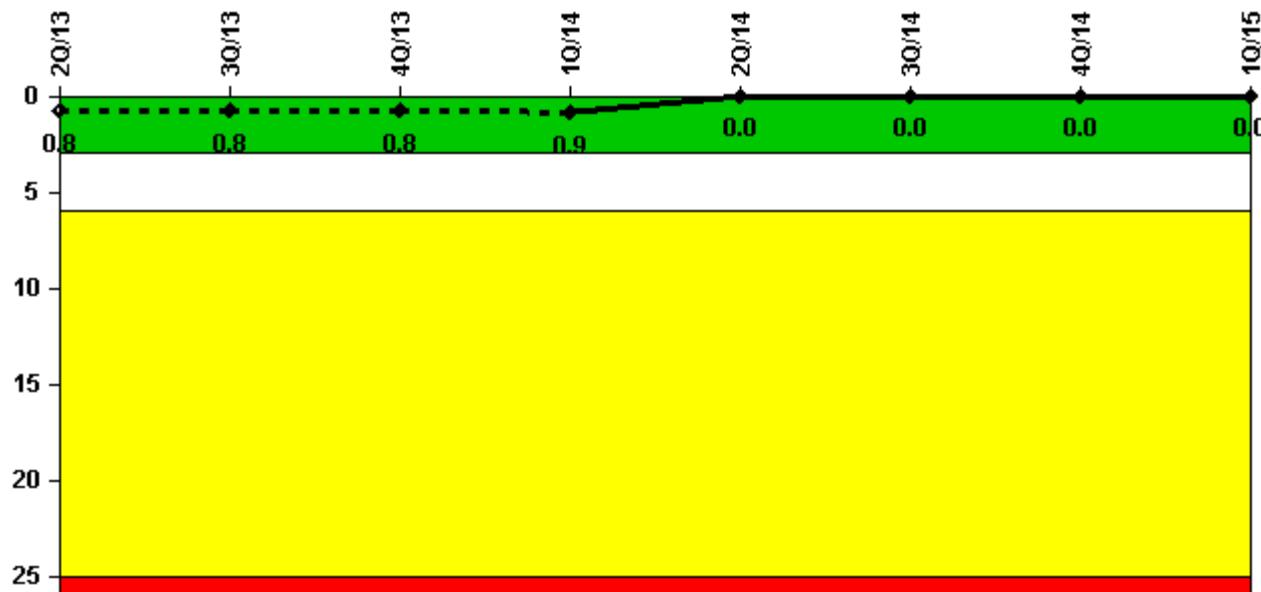
# La Salle 1

## 1Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

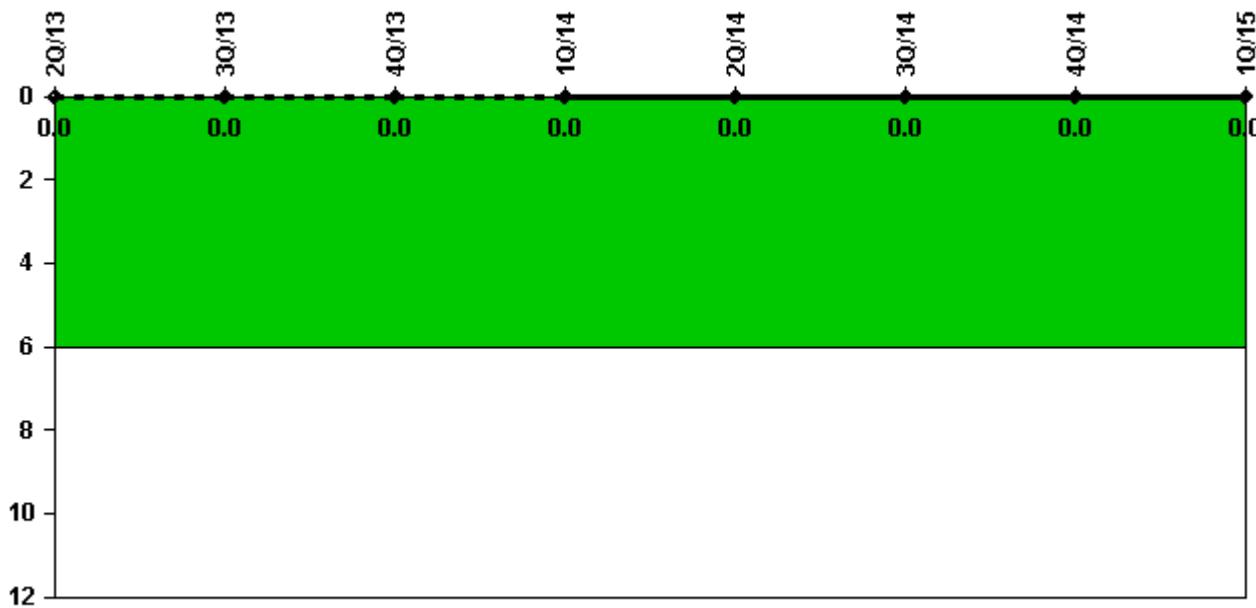
### Notes

| Unplanned Scrams per 7000 Critical Hrs | 2Q/13  | 3Q/13  | 4Q/13  | 1Q/14  | 2Q/14  | 3Q/14  | 4Q/14  | 1Q/15  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 1.0    | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Critical hours                         | 1954.2 | 2208.0 | 2209.0 | 1754.0 | 2184.0 | 2208.0 | 2041.7 | 2159.0 |
| Indicator value                        | 0.8    | 0.8    | 0.8    | 0.9    | 0      | 0      | 0      | 0      |

Licensee Comments:

1Q/14: An internal review identified a data entry error in 2nd Qtr 2013 critical hours for both Units. On Unit 1, the critical hours for April 2013 were increased from 432.5 to 490.2 hours. This changed the critical hours input into the Unplanned Scrams and Unplanned Power Changes per 7,000 Critical Hours indicators, and the MSPI indicators, as shown in the 1st Qtr 2014 Change File. Correction of the error did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

### Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

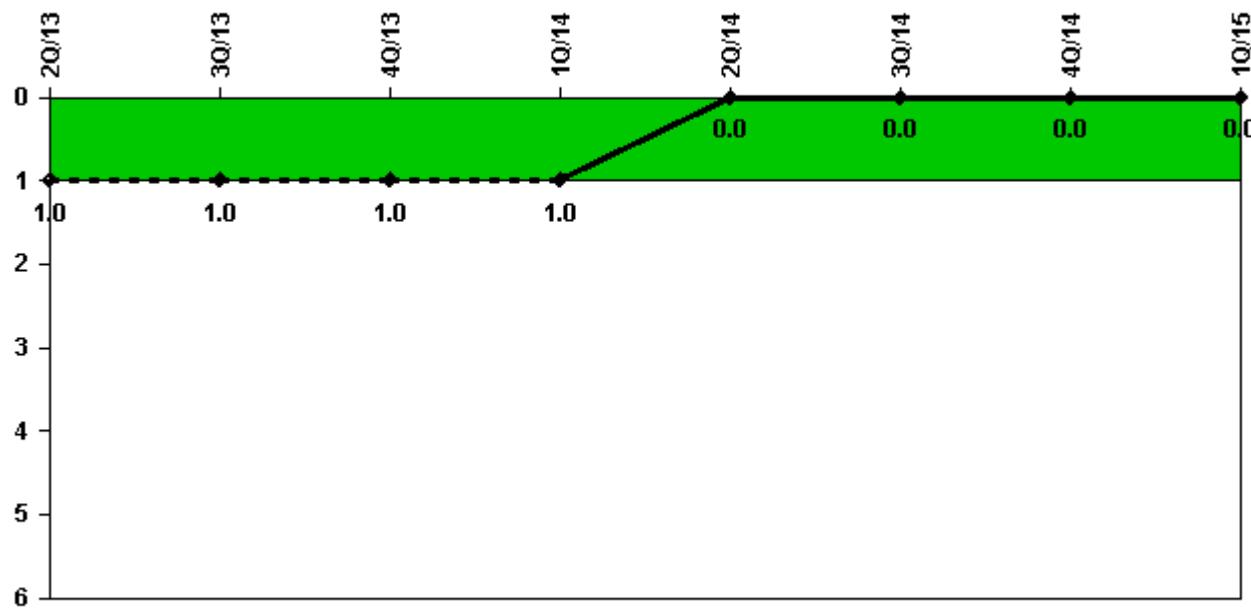
#### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 2Q/13    | 3Q/13    | 4Q/13    | 1Q/14    | 2Q/14    | 3Q/14    | 4Q/14    | 1Q/15    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Unplanned power changes                       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Critical hours                                | 1954.2   | 2208.0   | 2209.0   | 1754.0   | 2184.0   | 2208.0   | 2041.7   | 2159.0   |
| <b>Indicator value</b>                        | <b>0</b> |

#### Licensee Comments:

1Q/14: An internal review identified a data entry error in 2nd Qtr 2013 critical hours for both Units. On Unit 1, the critical hours for April 2013 were increased from 432.5 to 490.2 hours. This changed the critical hours input into the Unplanned Scrams and Unplanned Power Changes per 7,000 Critical Hours indicators, and the MSPI indicators, as shown in the 1st Qtr 2014 Change File. Correction of the error did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

### Unplanned Scrams with Complications



Thresholds: White > 1.0

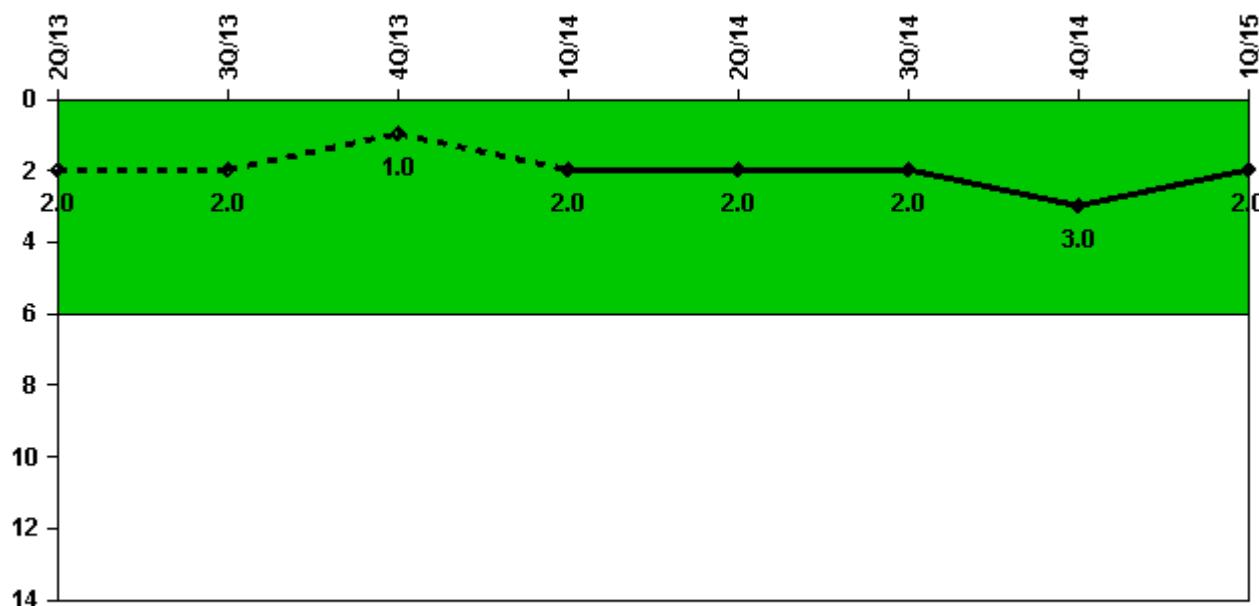
#### Notes

| Unplanned Scrams with Complications | 2Q/13      | 3Q/13      | 4Q/13      | 1Q/14      | 2Q/14      | 3Q/14      | 4Q/14      | 1Q/15      |
|-------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Scrams with complications           | 1.0        | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
|                                     |            |            |            |            |            |            |            |            |
|                                     |            |            |            |            |            |            |            |            |
| <b>Indicator value</b>              | <b>1.0</b> | <b>1.0</b> | <b>1.0</b> | <b>1.0</b> | <b>0.0</b> | <b>0.0</b> | <b>0.0</b> | <b>0.0</b> |

Licensee Comments: none

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## Safety System Functional Failures (BWR)



Thresholds: White > 6.0

### Notes

| Safety System Functional Failures (BWR) | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures       | 1     | 0     | 0     | 1     | 1     | 0     | 1     | 0     |
| Indicator value                         | 2     | 2     | 1     | 2     | 2     | 2     | 3     | 2     |

Licensee Comments:

4Q/14: LER 373-2014-004

2Q/14: LER 373-2014-002-00.

1Q/14: LER 373-2013-008-00. Also, Unit 1 Safety System Functional Failures for April 2013 were changed from 1 to 0, as an engineering evaluation determined that the secondary containment inoperability did not result in a loss of safety function as defined by NEI 99-02. See LER 373-2013-001-02. Unit 1 Safety System Functional Failures for June 2013 were changed from 2 to 1, as further review determined that the April LOOP event was not reportable under 10 CFR 50.73(a)(2)(v)(D). See LER 373-2013-002-02. Unit 1 Safety System Functional Failures for December 2013 were changed from 1 to 0, as an engineering evaluation determined that the secondary containment inoperability did not result in a loss of safety function as defined by NEI 99-02. See LER 373-2013-007-01.

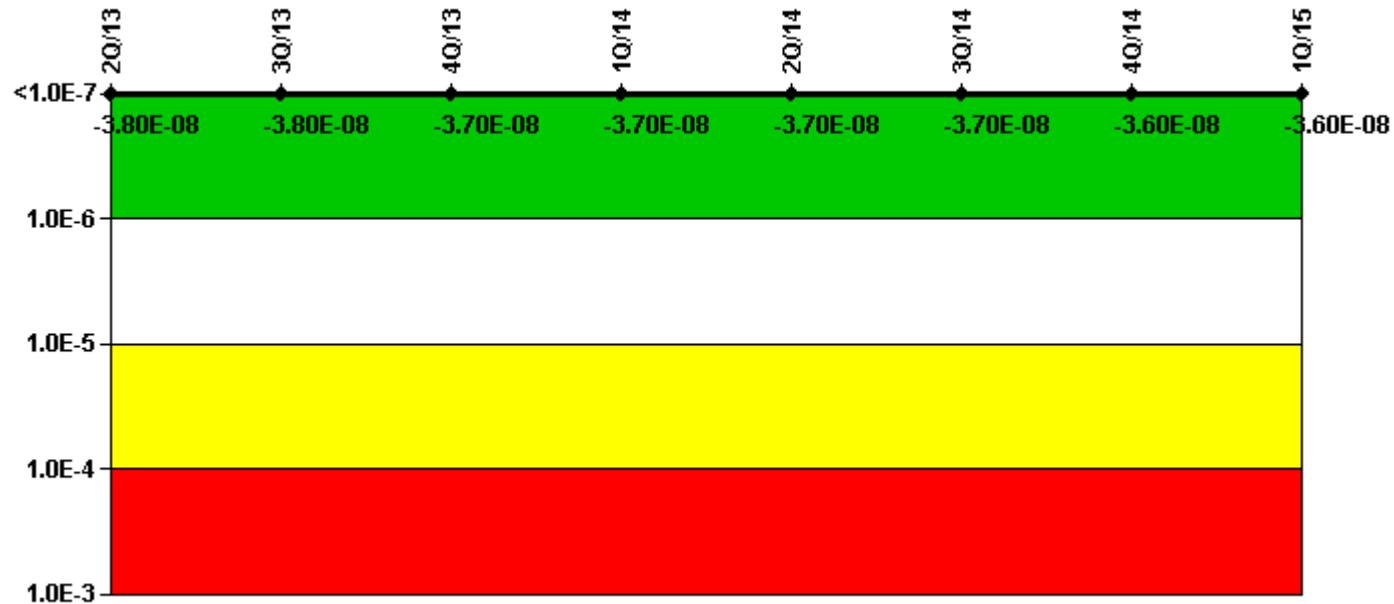
4Q/13: LER 373-2013-007-00

4Q/13: LER 373-2013-007

2Q/13: LERs 373-2013-001-00, 373-2013-002-00, and 373-2013-003-00.

2Q/13: LERs 373-2013-001, 373-2013-002, and 373-2013-003

### Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

#### Notes

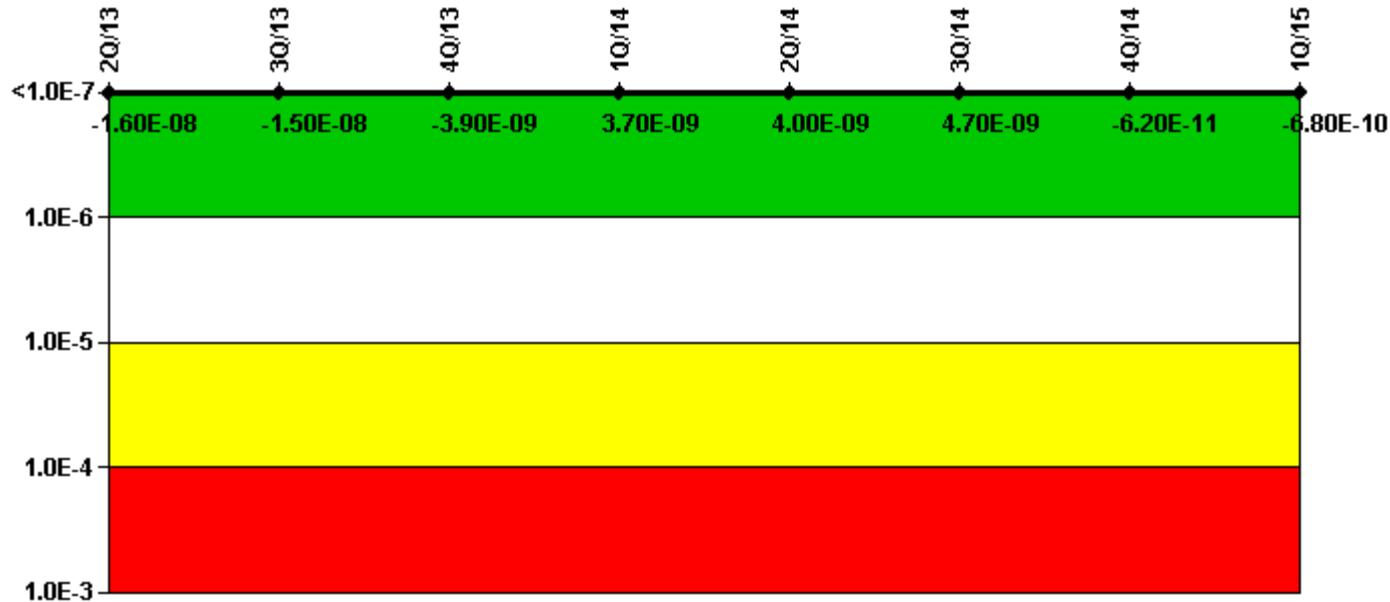
| Mitigating Systems Performance Index,<br>Emergency AC Power System | 2Q/13            | 3Q/13            | 4Q/13            | 1Q/14            | 2Q/14            | 3Q/14            | 4Q/14            | 1Q/15            |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)  | -6.29E-09        |
| URI ( $\Delta$ CDF)  | -3.17E-08        | -3.15E-08        | -3.12E-08        | -3.09E-08        | -3.06E-08        | -3.02E-08        | -2.99E-08        | -2.99E-08        |
| PLE  | NO               |
| <b>Indicator value</b>   | <b>-3.80E-08</b> | <b>-3.80E-08</b> | <b>-3.70E-08</b> | <b>-3.70E-08</b> | <b>-3.70E-08</b> | <b>-3.70E-08</b> | <b>-3.60E-08</b> | <b>-3.60E-08</b> |

Licensee Comments:

3Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

2Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

## Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 2Q/13            | 3Q/13            | 4Q/13            | 1Q/14           | 2Q/14           | 3Q/14           | 4Q/14            | 1Q/15            |
|--|------------------|------------------|------------------|-----------------|-----------------|-----------------|------------------|------------------|
| UAI ( $\Delta$ CDF)  | -1.43E-09        | -2.71E-10        | 1.01E-08         | 1.75E-08        | 1.75E-08        | 1.79E-08        | 1.29E-08         | 1.23E-08         |
| URI ( $\Delta$ CDF)  | -1.45E-08        | -1.42E-08        | -1.40E-08        | -1.37E-08       | -1.35E-08       | -1.32E-08       | -1.30E-08        | -1.30E-08        |
| PLE  | NO               | NO               | NO               | NO              | NO              | NO              | NO               | NO               |
| Indicator value  | <b>-1.60E-08</b> | <b>-1.50E-08</b> | <b>-3.90E-09</b> | <b>3.70E-09</b> | <b>4.00E-09</b> | <b>4.70E-09</b> | <b>-6.20E-11</b> | <b>-6.80E-10</b> |

### Licensee Comments:

1Q/14: An internal review identified a data entry error in 2nd Qtr 2013 critical hours for both Units. On Unit 1, the critical hours for April 2013 were increased from 432.5 to 490.2 hours. This changed the critical hours input into the Unplanned Scrams and Unplanned Power Changes per 7,000 Critical Hours indicators, and the MSPI indicators, as shown in the 1st Qtr 2014 Change File. Correction of the error did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

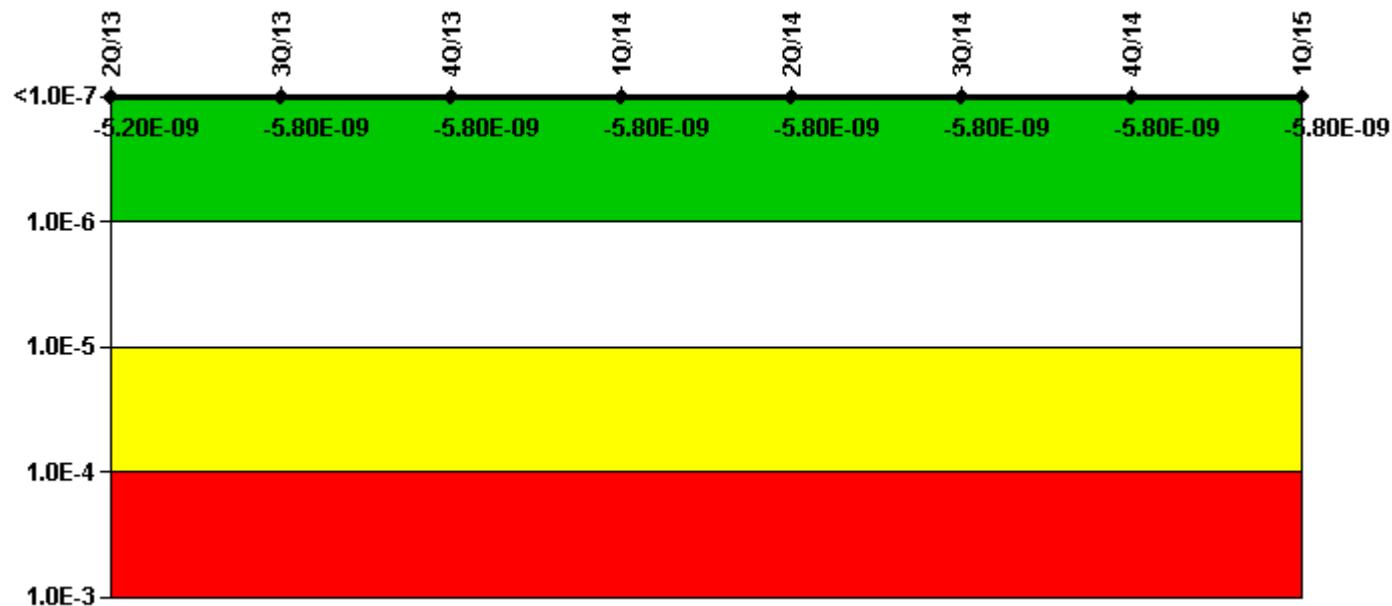
3Q/13: A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

3Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA

coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

2Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

### Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Heat Removal System | 2Q/13            | 3Q/13            | 4Q/13            | 1Q/14            | 2Q/14            | 3Q/14            | 4Q/14            | 1Q/15            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)                                       | -5.65E-10        | -1.16E-09        | -1.16E-09        | -1.15E-09        | -1.15E-09        | -1.15E-09        | -1.15E-09        | -1.16E-09        |
| URI ( $\Delta$ CDF)                                       | -4.66E-09        |
| PLE   | NO               |
| Indicator value   | <b>-5.20E-09</b> | <b>-5.80E-09</b> |

Licensee Comments:

1Q/14: An internal review identified a data entry error in 2nd Qtr 2013 critical hours for both Units. On Unit 1, the critical hours for April 2013 were increased from 432.5 to 490.2 hours. This changed the critical hours input into the Unplanned Scrams and Unplanned Power Changes per 7,000 Critical Hours indicators, and the MSPI

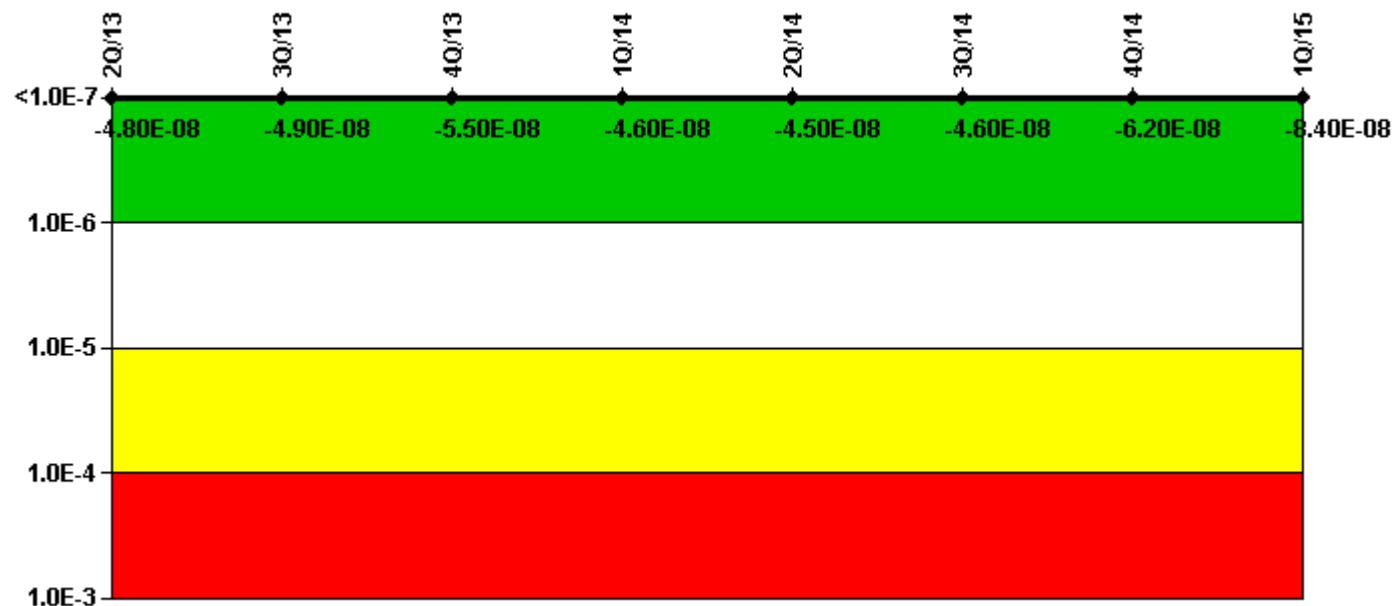
indicators, as shown in the 1st Qtr 2014 Change File. Correction of the error did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

3Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

2Q/13: A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

2Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

### Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 2Q/13          | 3Q/13          | 4Q/13          | 1Q/14          | 2Q/14          | 3Q/14          | 4Q/14          | 1Q/15          |
|--|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| UAI ( $\Delta$ CDF)  | 1.13E-09       | 2.35E-10       | -5.60E-09      | 3.52E-09       | 4.07E-09       | 3.40E-09       | -1.31E-08      | -3.50E-08      |
| URI ( $\Delta$ CDF)  | -4.94E-08      |
| PLE  | NO             |
|  | <b>-4.80E-</b> | <b>-4.90E-</b> | <b>-5.50E-</b> | <b>-4.60E-</b> | <b>-4.50E-</b> | <b>-4.60E-</b> | <b>-6.20E-</b> | <b>-8.40E-</b> |

| Indicator value | 08 | 08 | 08 | 08 | 08 | 08 | 08 | 08 |
|-----------------|----|----|----|----|----|----|----|----|
|-----------------|----|----|----|----|----|----|----|----|

## Licensee Comments:

1Q/14: An internal review identified a data entry error in 2nd Qtr 2013 critical hours for both Units. On Unit 1, the critical hours for April 2013 were increased from 432.5 to 490.2 hours. This changed the critical hours input into the Unplanned Scramps and Unplanned Power Changes per 7,000 Critical Hours indicators, and the MSPI indicators, as shown in the 1st Qtr 2014 Change File. Correction of the error did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

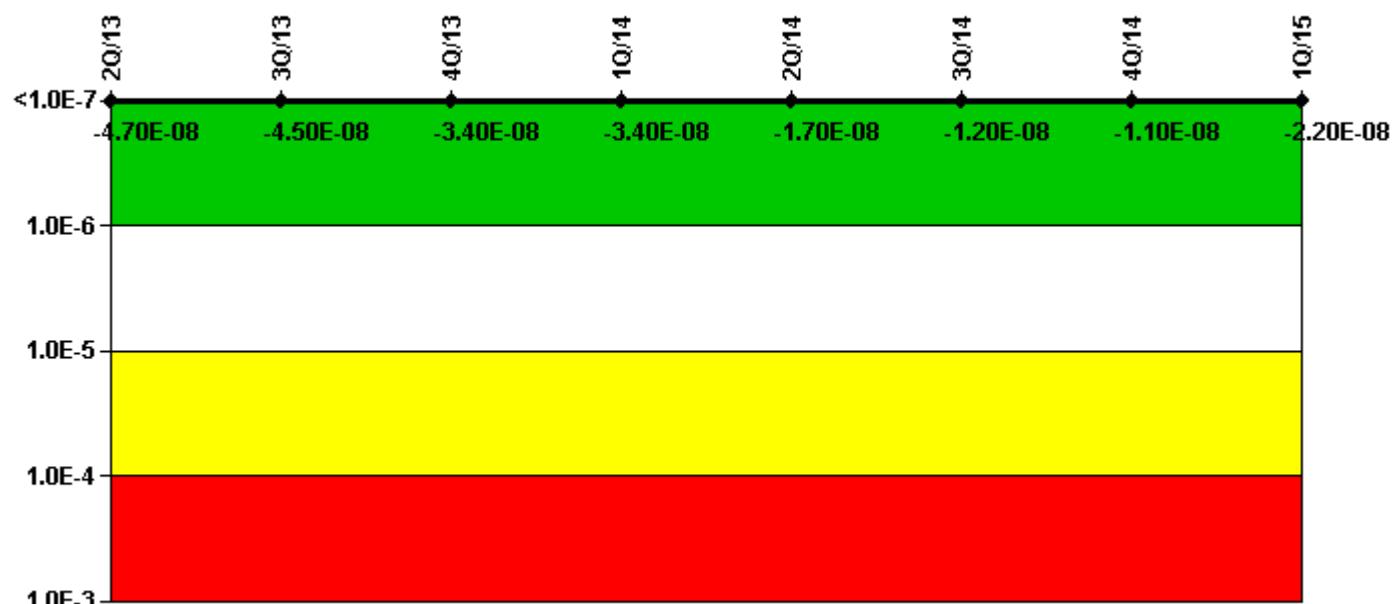
3Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

3Q/13: A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

2Q/13: A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

2Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

### Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| <b>Mitigating Systems Performance Index, Cooling Water Systems</b> | <b>2Q/13</b>     | <b>3Q/13</b>     | <b>4Q/13</b>     | <b>1Q/14</b>     | <b>2Q/14</b>     | <b>3Q/14</b>     | <b>4Q/14</b>     | <b>1Q/15</b>     |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)  | 1.62E-08         | 1.80E-08         | 2.89E-08         | 2.95E-08         | 4.62E-08         | 5.11E-08         | 5.23E-08         | 4.11E-08         |
| URI ( $\Delta$ CDF)  | -6.33E-08        |
| PLE  | NO               |
| <b>Indicator value</b>   | <b>-4.70E-08</b> | <b>-4.50E-08</b> | <b>-3.40E-08</b> | <b>-3.40E-08</b> | <b>-1.70E-08</b> | <b>-1.20E-08</b> | <b>-1.10E-08</b> | <b>-2.20E-08</b> |

## Licensee Comments:

1Q/14: An internal review identified a data entry error in 2nd Qtr 2013 critical hours for both Units. On Unit 1, the critical hours for April 2013 were increased from 432.5 to 490.2 hours. This changed the critical hours input into the Unplanned Scrams and Unplanned Power Changes per 7,000 Critical Hours indicators, and the MSPI indicators, as shown in the 1st Qtr 2014 Change File. Correction of the error did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

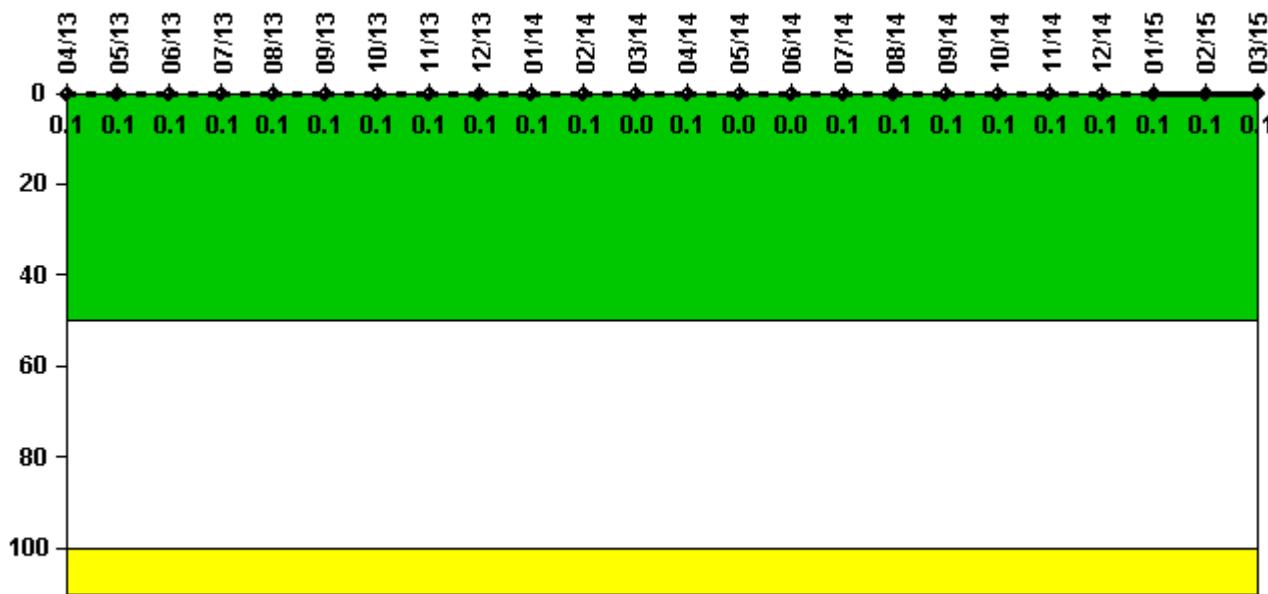
3Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

3Q/13: A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

2Q/13: A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

2Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

## Reactor Coolant System Activity



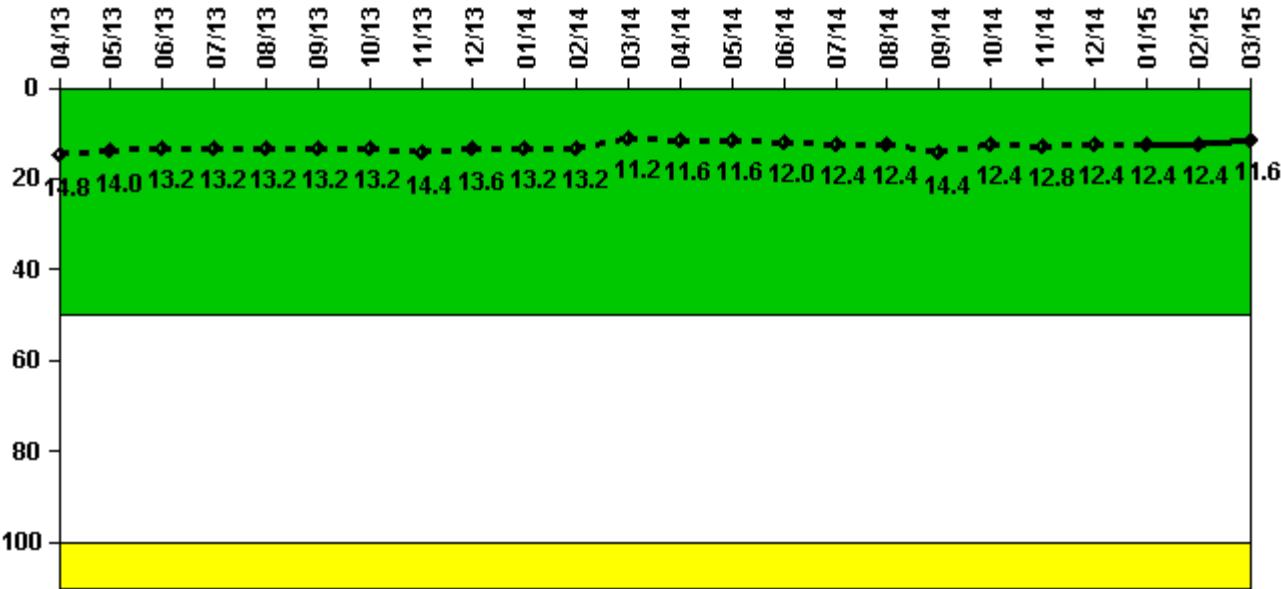
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Activity | 4/13       | 5/13       | 6/13       | 7/13       | 8/13       | 9/13       | 10/13      | 11/13      | 12/13      | 1/14       | 2/14       | 3/14       |
|---------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Maximum activity                | 0.000159   | 0.000149   | 0.000178   | 0.000215   | 0.000282   | 0.000183   | 0.000170   | 0.000167   | 0.000212   | 0.000151   | 0.000132   | 0.000059   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| Indicator value                 | <b>0.1</b> | <b>0</b>   |
| Reactor Coolant System Activity | 4/14       | 5/14       | 6/14       | 7/14       | 8/14       | 9/14       | 10/14      | 11/14      | 12/14      | 1/15       | 2/15       | 3/15       |
| Maximum activity                | 0.000122   | 0.000078   | 0.000093   | 0.000161   | 0.000132   | 0.000123   | 0.000130   | 0.000128   | 0.000108   | 0.000105   | 0.000122   | 0.000118   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| Indicator value                 | <b>0.1</b> | <b>0</b>   | <b>0</b>   | <b>0.1</b> |

Licensee Comments: none

## Reactor Coolant System Leakage



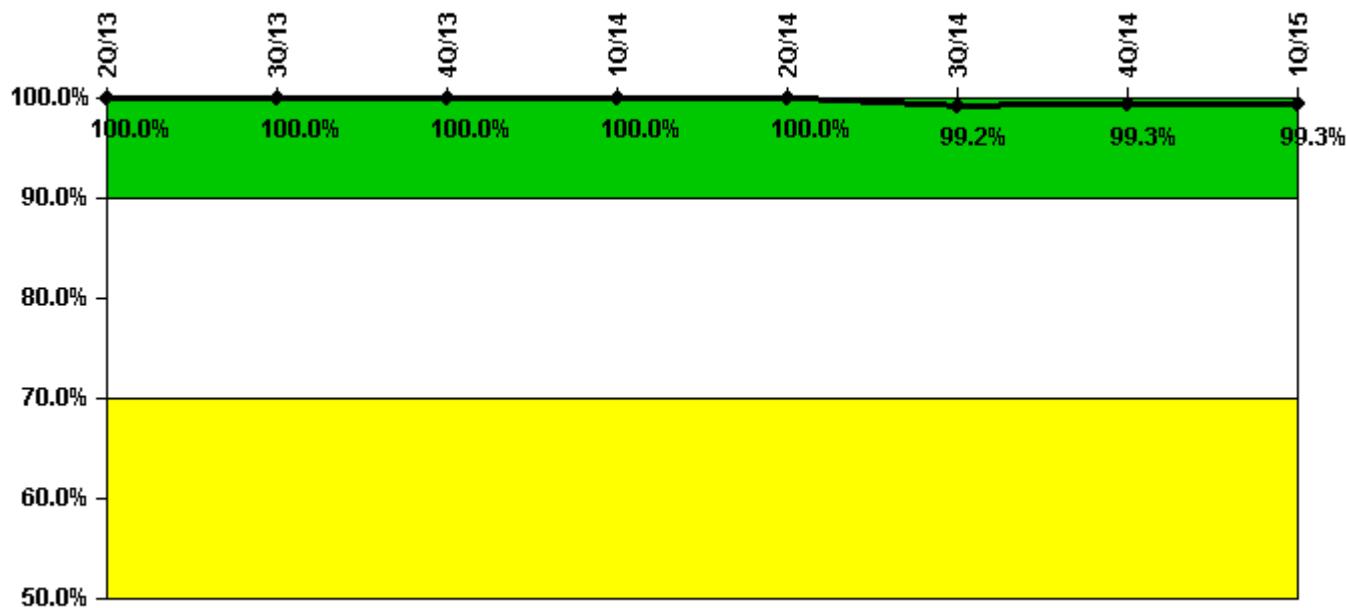
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Leakage | 4/13        | 5/13        | 6/13        | 7/13        | 8/13        | 9/13        | 10/13       | 11/13       | 12/13       | 1/14        | 2/14        | 3/14        |
|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Maximum leakage                | 3.700       | 3.500       | 3.300       | 3.300       | 3.300       | 3.300       | 3.300       | 3.600       | 3.400       | 3.300       | 3.300       | 2.800       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| <b>Indicator value</b>         | <b>14.8</b> | <b>14.0</b> | <b>13.2</b> | <b>13.2</b> | <b>13.2</b> | <b>13.2</b> | <b>13.2</b> | <b>14.4</b> | <b>13.6</b> | <b>13.2</b> | <b>13.2</b> | <b>11.2</b> |
| Reactor Coolant System Leakage | 4/14        | 5/14        | 6/14        | 7/14        | 8/14        | 9/14        | 10/14       | 11/14       | 12/14       | 1/15        | 2/15        | 3/15        |
| Maximum leakage                | 2.900       | 2.900       | 3.000       | 3.100       | 3.100       | 3.600       | 3.100       | 3.200       | 3.100       | 3.100       | 3.100       | 2.900       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| <b>Indicator value</b>         | <b>11.6</b> | <b>11.6</b> | <b>12.0</b> | <b>12.4</b> | <b>12.4</b> | <b>14.4</b> | <b>12.4</b> | <b>12.8</b> | <b>12.4</b> | <b>12.4</b> | <b>12.4</b> | <b>11.6</b> |

Licensee Comments: none

### Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

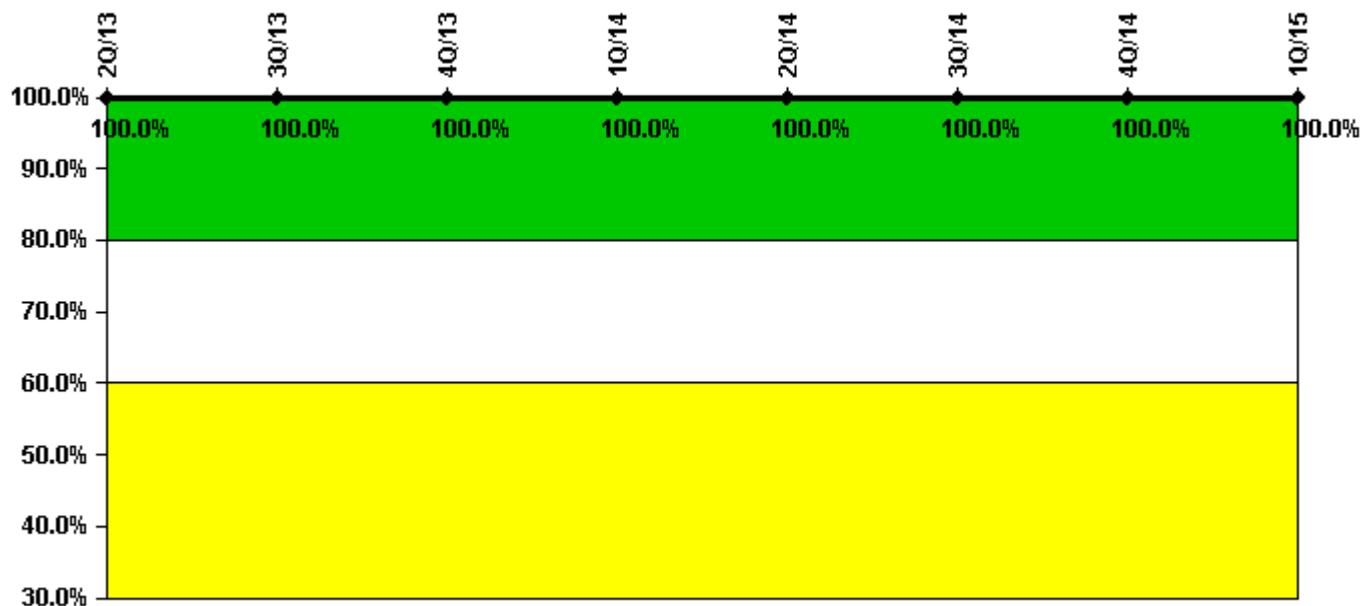
#### Notes

| Drill/Exercise Performance | 2Q/13         | 3Q/13         | 4Q/13         | 1Q/14         | 2Q/14         | 3Q/14        | 4Q/14        | 1Q/15        |
|----------------------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|
| Successful opportunities   | 49.0          | 30.0          | 34.0          | 17.0          | 36.0          | 48.0         | 42.0         | 46.0         |
| Total opportunities        | 49.0          | 30.0          | 34.0          | 17.0          | 36.0          | 50.0         | 42.0         | 46.0         |
| <b>Indicator value</b>     | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>99.2%</b> | <b>99.3%</b> | <b>99.3%</b> |

#### Licensee Comments:

2Q/14: An internal review identified additional drill/exercise performance opportunities that should have been counted in the 4th quarter 2013. For October 2013 the number of both the total and successful opportunities was increased from 12 to 16. This correction did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

### ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

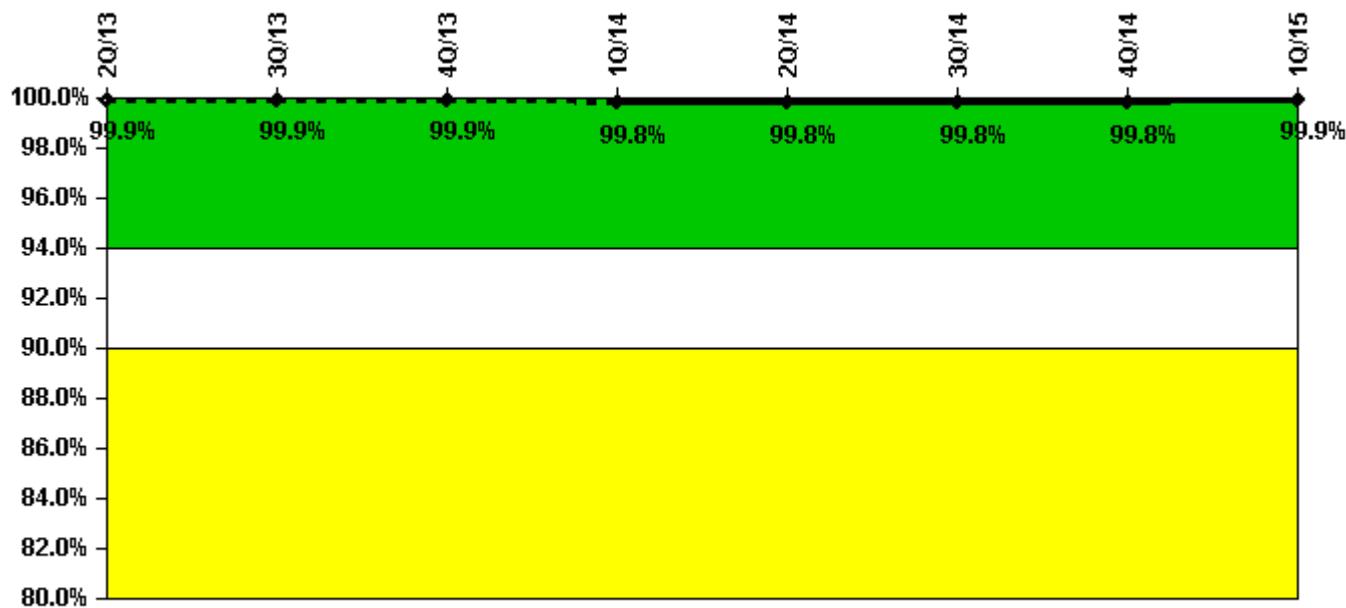
#### Notes

| ERO Drill Participation     | 2Q/13         | 3Q/13         | 4Q/13         | 1Q/14         | 2Q/14         | 3Q/14         | 4Q/14         | 1Q/15         |
|-----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Participating Key personnel | 68.0          | 68.0          | 67.0          | 65.0          | 62.0          | 65.0          | 69.0          | 69.0          |
| Total Key personnel         | 68.0          | 68.0          | 67.0          | 65.0          | 62.0          | 65.0          | 69.0          | 69.0          |
| <b>Indicator value</b>      | <b>100.0%</b> |

#### Licensee Comments:

1Q/15: During an internal assessment, it was discovered that one individual was inadvertently counted as a participating ERO member from May to December 2014. This was corrected by decreasing the number of total and participating key personnel by one for the months in question. This issue, which did not result in a change to performance indicator color, has been entered into the corrective action program.

## Alert & Notification System



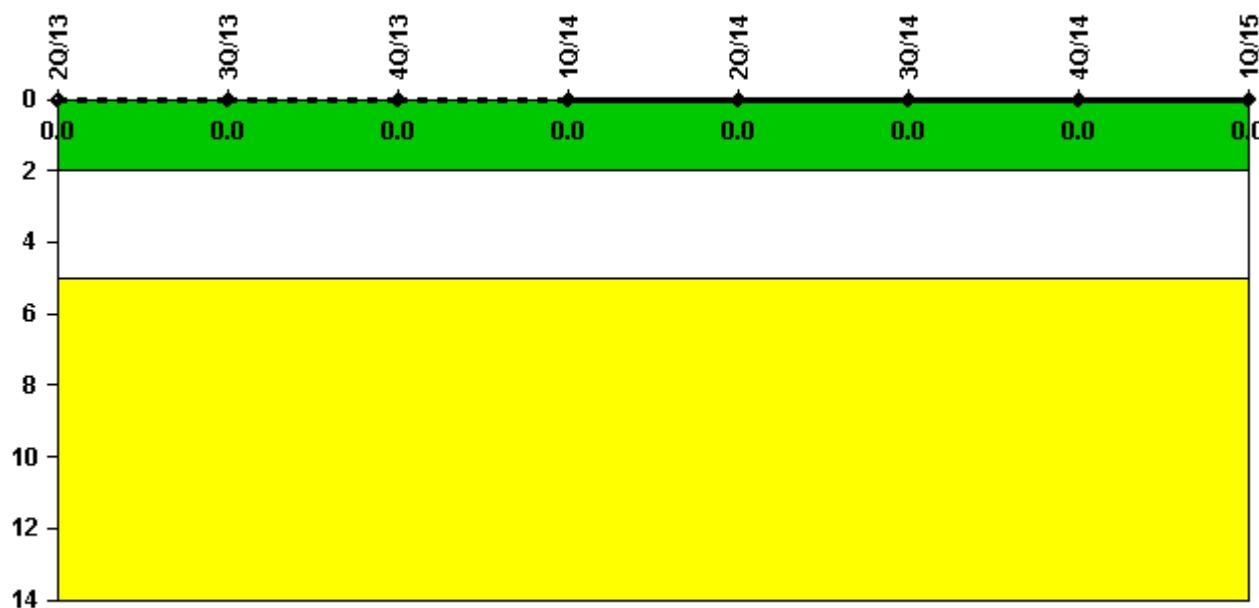
Thresholds: White < 94.0% Yellow < 90.0%

### Notes

| Alert & Notification System | 2Q/13        | 3Q/13        | 4Q/13        | 1Q/14        | 2Q/14        | 3Q/14        | 4Q/14        | 1Q/15        |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests      | 2170         | 2176         | 2175         | 2131         | 2171         | 2174         | 2175         | 2138         |
| Total sirens-tests          | 2176         | 2176         | 2176         | 2142         | 2176         | 2176         | 2176         | 2142         |
| <b>Indicator value</b>      | <b>99.9%</b> | <b>99.9%</b> | <b>99.9%</b> | <b>99.8%</b> | <b>99.8%</b> | <b>99.8%</b> | <b>99.8%</b> | <b>99.9%</b> |

Licensee Comments: none

## Occupational Exposure Control Effectiveness



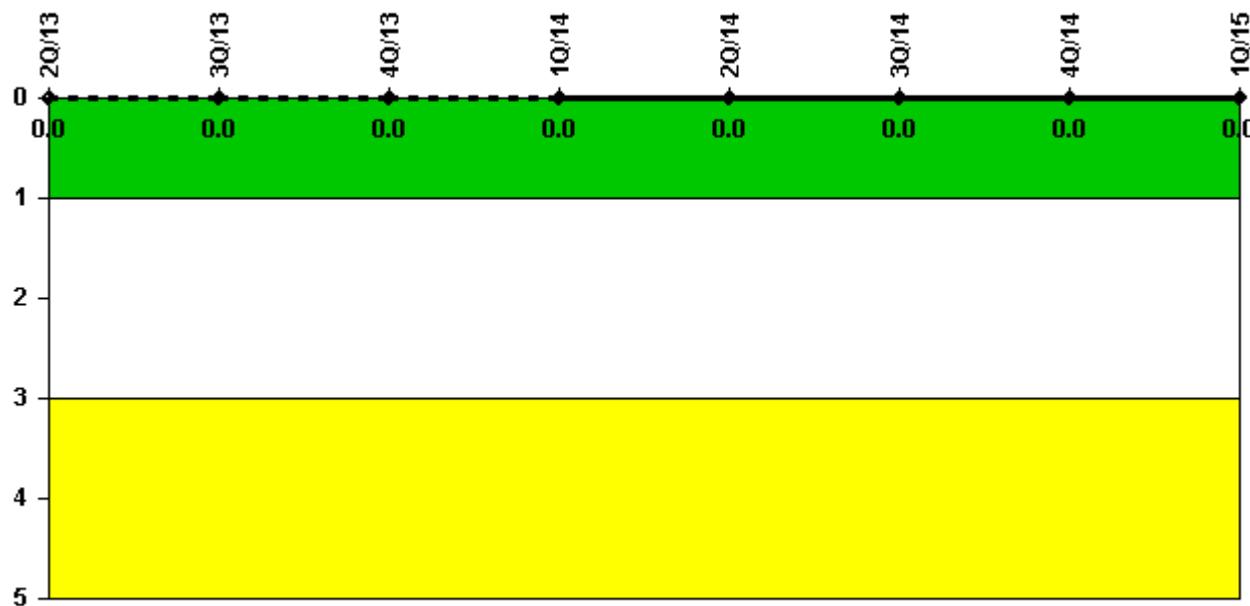
Thresholds: White > 2.0 Yellow > 5.0

### Notes

| Occupational Exposure Control Effectiveness | 2Q/13    | 3Q/13    | 4Q/13    | 1Q/14    | 2Q/14    | 3Q/14    | 4Q/14    | 1Q/15    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>0</b> |

Licensee Comments: none

## RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

### Notes

| RETS/ODCM Radiological Effluent | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.



[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

*Last Modified: April 23, 2015*

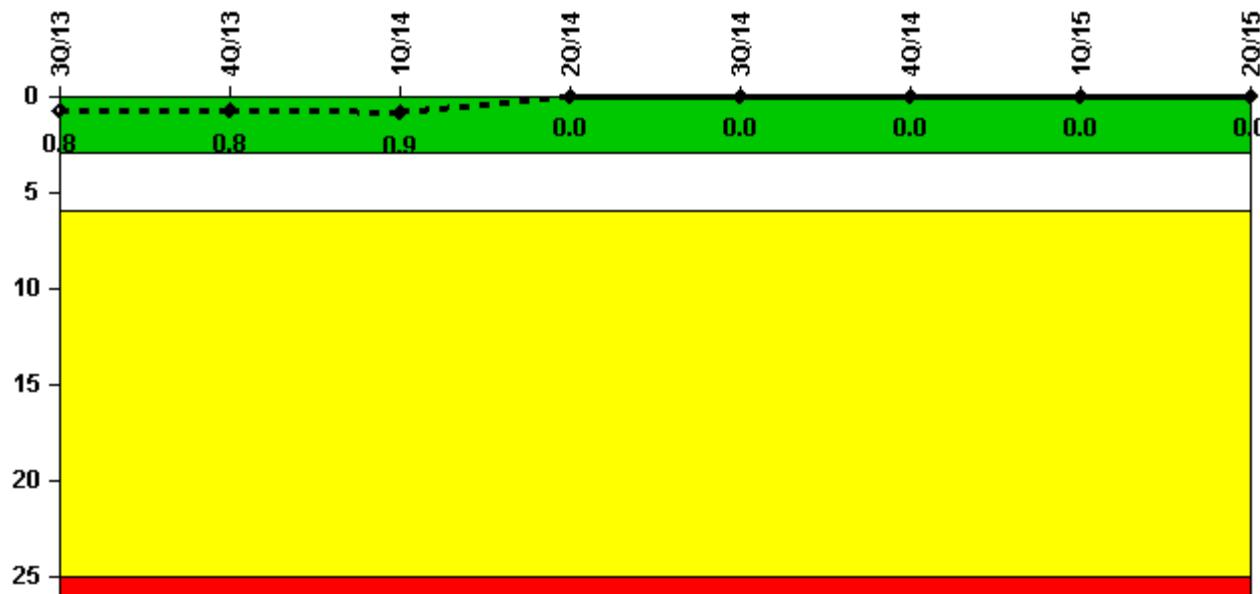
# La Salle 1

## 2Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

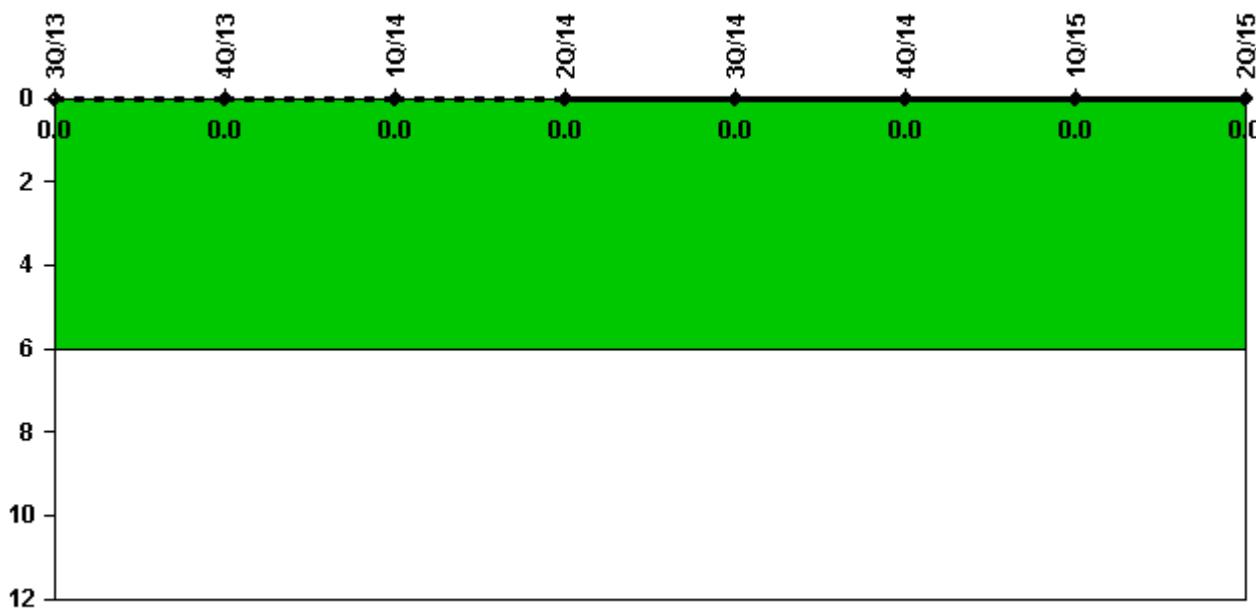
### Notes

| Unplanned Scrams per 7000 Critical Hrs | 3Q/13  | 4Q/13  | 1Q/14  | 2Q/14  | 3Q/14  | 4Q/14  | 1Q/15  | 2Q/15  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Critical hours                         | 2208.0 | 2209.0 | 1754.0 | 2184.0 | 2208.0 | 2041.7 | 2159.0 | 2184.0 |
| Indicator value                        | 0.8    | 0.8    | 0.9    | 0      | 0      | 0      | 0      | 0      |

Licensee Comments:

1Q/14: An internal review identified a data entry error in 2nd Qtr 2013 critical hours for both Units. On Unit 1, the critical hours for April 2013 were increased from 432.5 to 490.2 hours. This changed the critical hours input into the Unplanned Scrams and Unplanned Power Changes per 7,000 Critical Hours indicators, and the MSPI indicators, as shown in the 1st Qtr 2014 Change File. Correction of the error did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

### Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

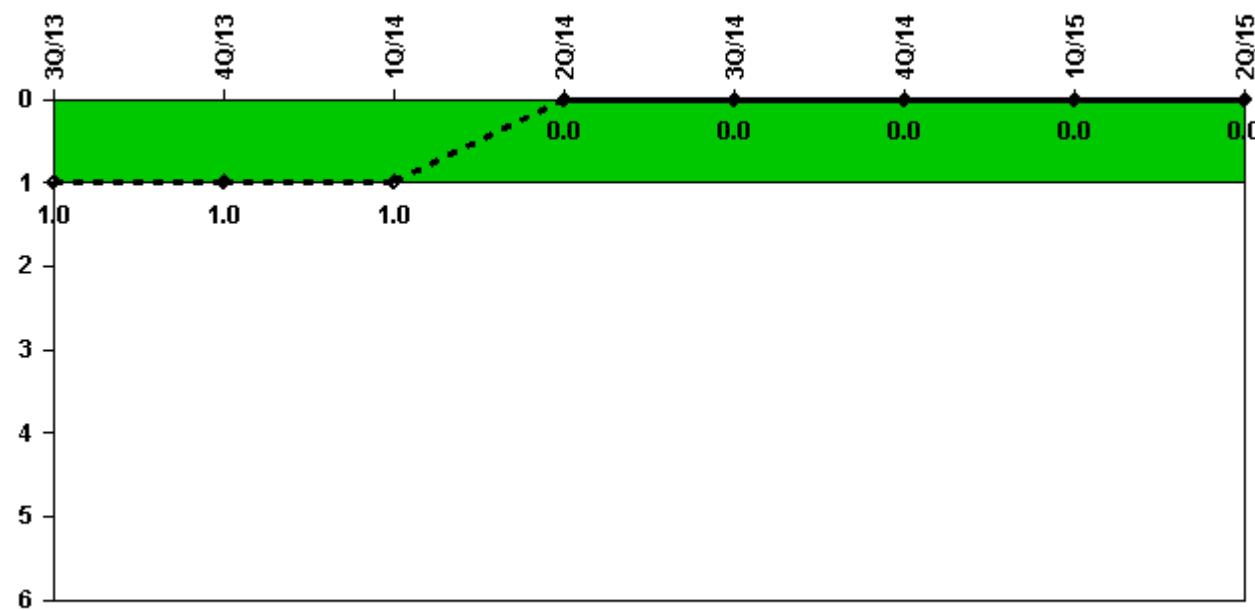
#### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 3Q/13    | 4Q/13    | 1Q/14    | 2Q/14    | 3Q/14    | 4Q/14    | 1Q/15    | 2Q/15    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Unplanned power changes                       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Critical hours                                | 2208.0   | 2209.0   | 1754.0   | 2184.0   | 2208.0   | 2041.7   | 2159.0   | 2184.0   |
| <b>Indicator value</b>                        | <b>0</b> |

#### Licensee Comments:

1Q/14: An internal review identified a data entry error in 2nd Qtr 2013 critical hours for both Units. On Unit 1, the critical hours for April 2013 were increased from 432.5 to 490.2 hours. This changed the critical hours input into the Unplanned Scrams and Unplanned Power Changes per 7,000 Critical Hours indicators, and the MSPI indicators, as shown in the 1st Qtr 2014 Change File. Correction of the error did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

### Unplanned Scrams with Complications



Thresholds: White > 1.0

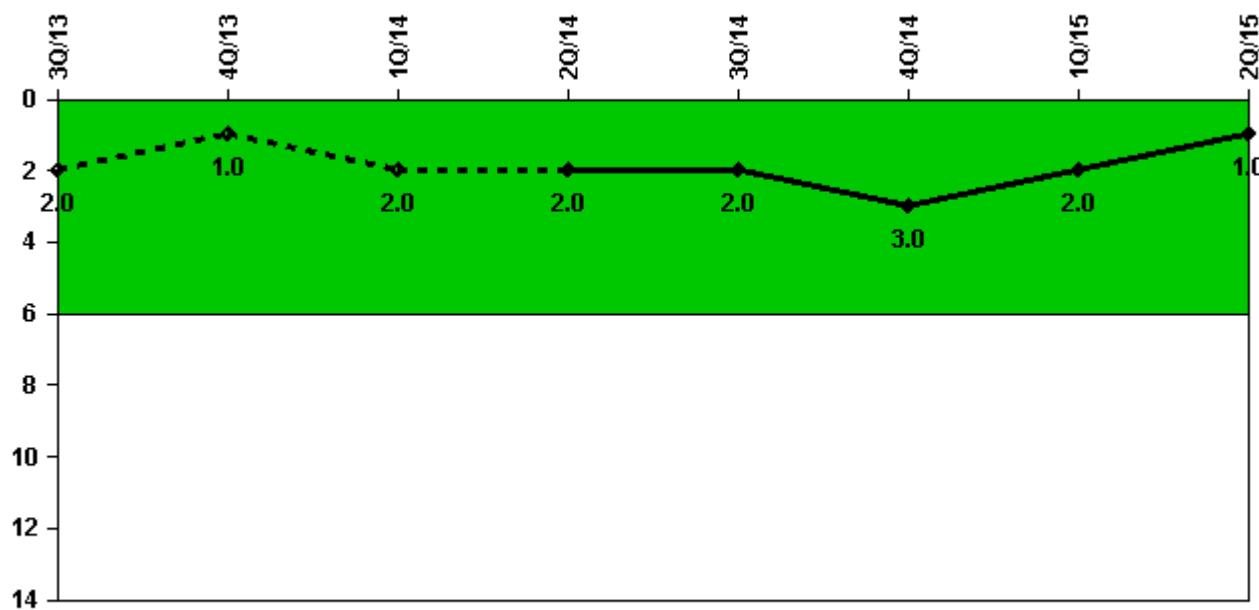
#### Notes

| Unplanned Scrams with Complications | 3Q/13      | 4Q/13      | 1Q/14      | 2Q/14      | 3Q/14      | 4Q/14      | 1Q/15      | 2Q/15      |
|-------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Scrams with complications           | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
|                                     |            |            |            |            |            |            |            |            |
|                                     |            |            |            |            |            |            |            |            |
| <b>Indicator value</b>              | <b>1.0</b> | <b>1.0</b> | <b>1.0</b> | <b>0.0</b> | <b>0.0</b> | <b>0.0</b> | <b>0.0</b> | <b>0.0</b> |

Licensee Comments: none

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## Safety System Functional Failures (BWR)



Thresholds: White > 6.0

### Notes

| Safety System Functional Failures (BWR) | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures       | 0     | 0     | 1     | 1     | 0     | 1     | 0     | 0     |
| Indicator value                         | 2     | 1     | 2     | 2     | 2     | 3     | 2     | 1     |

Licensee Comments:

4Q/14: LER 373-2014-004

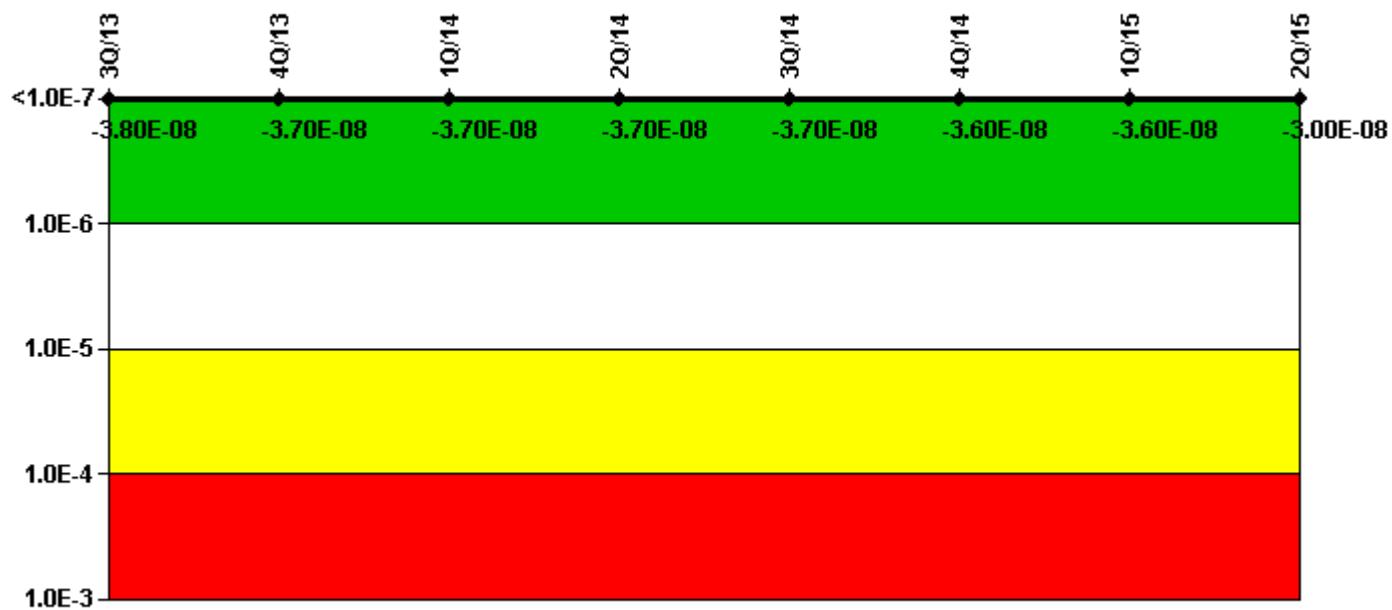
2Q/14: LER 373-2014-002-00.

1Q/14: LER 373-2013-008-00. Also, Unit 1 Safety System Functional Failures for April 2013 were changed from 1 to 0, as an engineering evaluation determined that the secondary containment inoperability did not result in a loss of safety function as defined by NEI 99-02. See LER 373-2013-001-02. Unit 1 Safety System Functional Failures for June 2013 were changed from 2 to 1, as further review determined that the April LOOP event was not reportable under 10 CFR 50.73(a)(2)(v)(D). See LER 373-2013-002-02. Unit 1 Safety System Functional Failures for December 2013 were changed from 1 to 0, as an engineering evaluation determined that the secondary containment inoperability did not result in a loss of safety function as defined by NEI 99-02. See LER 373-2013-007-01.

4Q/13: LER 373-2013-007-00

4Q/13: LER 373-2013-007

### Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

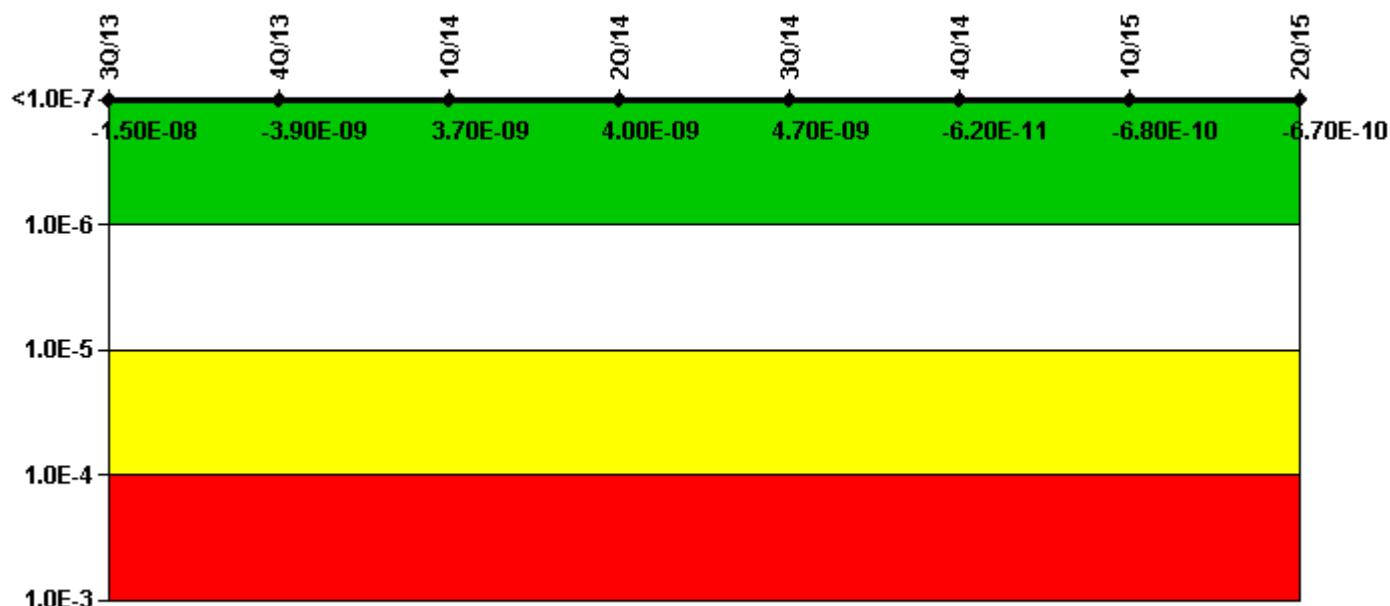
#### Notes

| Mitigating Systems Performance Index,<br>Emergency AC Power System | 3Q/13            | 4Q/13            | 1Q/14            | 2Q/14            | 3Q/14            | 4Q/14            | 1Q/15            | 2Q/15            |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)  | -6.29E-09        | -3.74E-10        |
| URI ( $\Delta$ CDF)  | -3.15E-08        | -3.12E-08        | -3.09E-08        | -3.06E-08        | -3.02E-08        | -2.99E-08        | -2.99E-08        | -2.99E-08        |
| PLE  | NO               |
| <b>Indicator value</b>   | <b>-3.80E-08</b> | <b>-3.70E-08</b> | <b>-3.70E-08</b> | <b>-3.70E-08</b> | <b>-3.70E-08</b> | <b>-3.60E-08</b> | <b>-3.60E-08</b> | <b>-3.00E-08</b> |

Licensee Comments:

3Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

## Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 3Q/13            | 4Q/13            | 1Q/14           | 2Q/14           | 3Q/14           | 4Q/14            | 1Q/15            | 2Q/15            |
|--|------------------|------------------|-----------------|-----------------|-----------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)  | -2.71E-10        | 1.01E-08         | 1.75E-08        | 1.75E-08        | 1.79E-08        | 1.29E-08         | 1.23E-08         | 1.23E-08         |
| URI ( $\Delta$ CDF)  | -1.42E-08        | -1.40E-08        | -1.37E-08       | -1.35E-08       | -1.32E-08       | -1.30E-08        | -1.30E-08        | -1.30E-08        |
| PLE  | NO               | NO               | NO              | NO              | NO              | NO               | NO               | NO               |
| <b>Indicator value</b>   | <b>-1.50E-08</b> | <b>-3.90E-09</b> | <b>3.70E-09</b> | <b>4.00E-09</b> | <b>4.70E-09</b> | <b>-6.20E-11</b> | <b>-6.80E-10</b> | <b>-6.70E-10</b> |

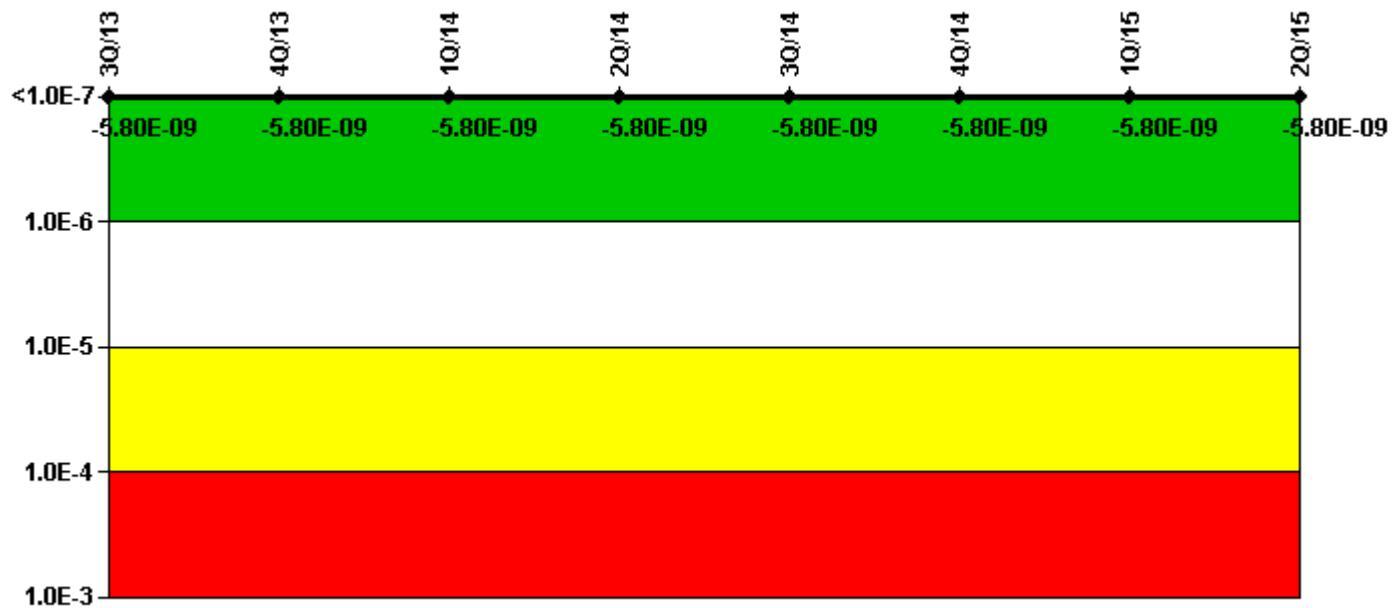
### Licensee Comments:

1Q/14: An internal review identified a data entry error in 2nd Qtr 2013 critical hours for both Units. On Unit 1, the critical hours for April 2013 were increased from 432.5 to 490.2 hours. This changed the critical hours input into the Unplanned Scrams and Unplanned Power Changes per 7,000 Critical Hours indicators, and the MSPI indicators, as shown in the 1st Qtr 2014 Change File. Correction of the error did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

3Q/13: A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

3Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

## Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

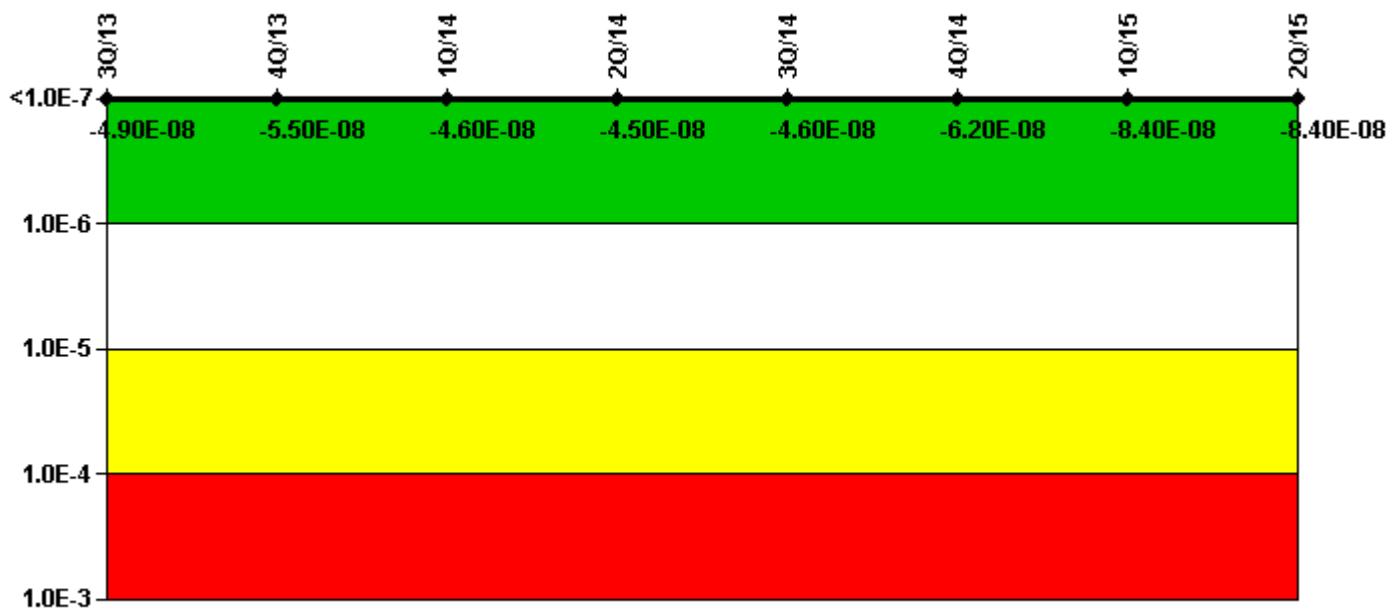
| Mitigating Systems Performance Index, Heat Removal System | 3Q/13            | 4Q/13            | 1Q/14            | 2Q/14            | 3Q/14            | 4Q/14            | 1Q/15            | 2Q/15            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)                                       | -1.16E-09        | -1.16E-09        | -1.15E-09        | -1.15E-09        | -1.15E-09        | -1.15E-09        | -1.16E-09        | -1.16E-09        |
| URI ( $\Delta$ CDF)                                       | -4.66E-09        |
| PLE   | NO               |
| Indicator value   | <b>-5.80E-09</b> |

### Licensee Comments:

1Q/14: An internal review identified a data entry error in 2nd Qtr 2013 critical hours for both Units. On Unit 1, the critical hours for April 2013 were increased from 432.5 to 490.2 hours. This changed the critical hours input into the Unplanned Scrams and Unplanned Power Changes per 7,000 Critical Hours indicators, and the MSPI indicators, as shown in the 1st Qtr 2014 Change File. Correction of the error did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

3Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

## Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 3Q/13            | 4Q/13            | 1Q/14            | 2Q/14            | 3Q/14            | 4Q/14            | 1Q/15            | 2Q/15            |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)  | 2.35E-10         | -5.60E-09        | 3.52E-09         | 4.07E-09         | 3.40E-09         | -1.31E-08        | -3.50E-08        | -3.50E-08        |
| URI ( $\Delta$ CDF)  |                  | -4.94E-08        |
| PLE  | NO               |
| <b>Indicator value</b>   | <b>-4.90E-08</b> | <b>-5.50E-08</b> | <b>-4.60E-08</b> | <b>-4.50E-08</b> | <b>-4.60E-08</b> | <b>-6.20E-08</b> | <b>-8.40E-08</b> | <b>-8.40E-08</b> |

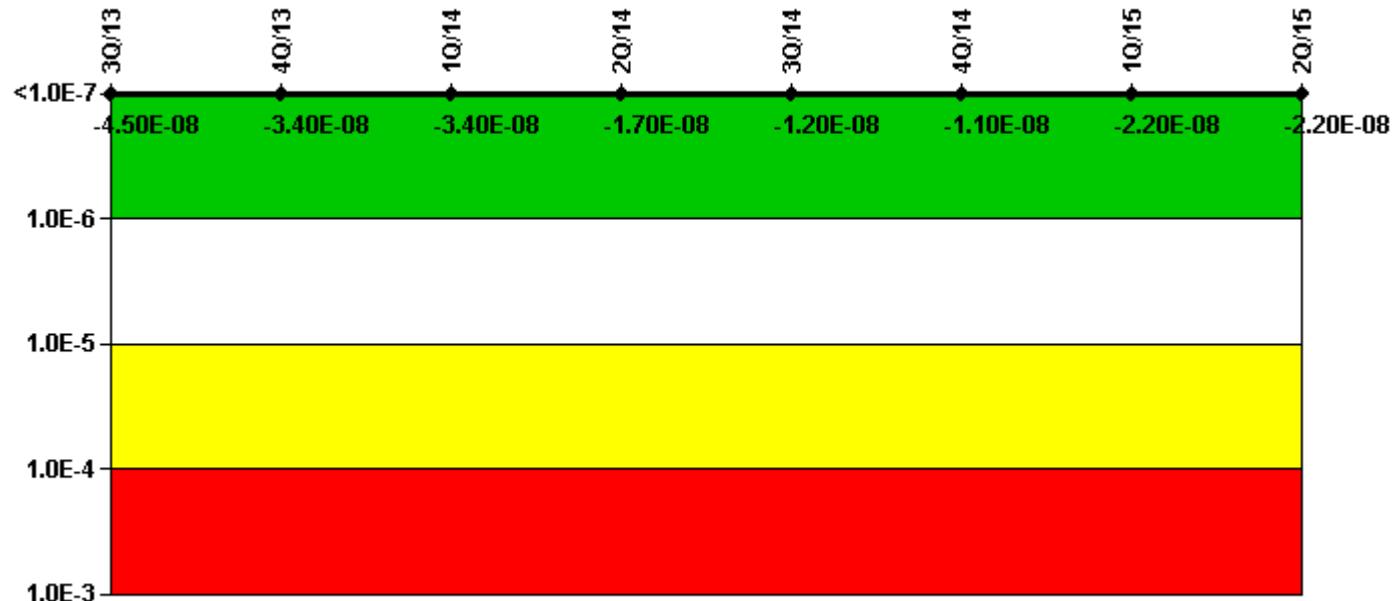
### Licensee Comments:

1Q/14: An internal review identified a data entry error in 2nd Qtr 2013 critical hours for both Units. On Unit 1, the critical hours for April 2013 were increased from 432.5 to 490.2 hours. This changed the critical hours input into the Unplanned Scrams and Unplanned Power Changes per 7,000 Critical Hours indicators, and the MSPI indicators, as shown in the 1st Qtr 2014 Change File. Correction of the error did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

3Q/13: A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

3Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

## Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 3Q/13            | 4Q/13            | 1Q/14            | 2Q/14            | 3Q/14            | 4Q/14            | 1Q/15            | 2Q/15            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)   | 1.80E-08         | 2.89E-08         | 2.95E-08         | 4.62E-08         | 5.11E-08         | 5.23E-08         | 4.11E-08         | 4.11E-08         |
| URI ( $\Delta$ CDF)   | -6.33E-08        |
| PLE   | NO               |
| Indicator value   | <b>-4.50E-08</b> | <b>-3.40E-08</b> | <b>-3.40E-08</b> | <b>-1.70E-08</b> | <b>-1.20E-08</b> | <b>-1.10E-08</b> | <b>-2.20E-08</b> | <b>-2.20E-08</b> |

### Licensee Comments:

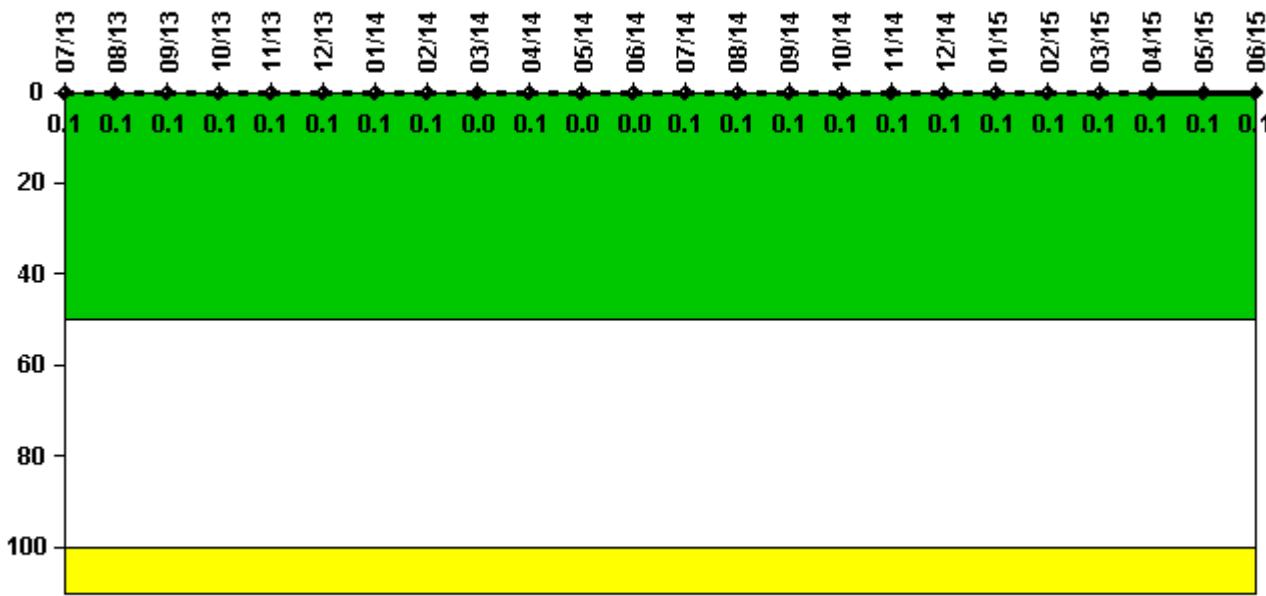
1Q/14: An internal review identified a data entry error in 2nd Qtr 2013 critical hours for both Units. On Unit 1, the critical hours for April 2013 were increased from 432.5 to 490.2 hours. This changed the critical hours input into the Unplanned Scrams and Unplanned Power Changes per 7,000 Critical Hours indicators, and the MSPI indicators, as shown in the 1st Qtr 2014 Change File. Correction of the error did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

3Q/13: A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

3Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA

coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

### Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

#### Notes

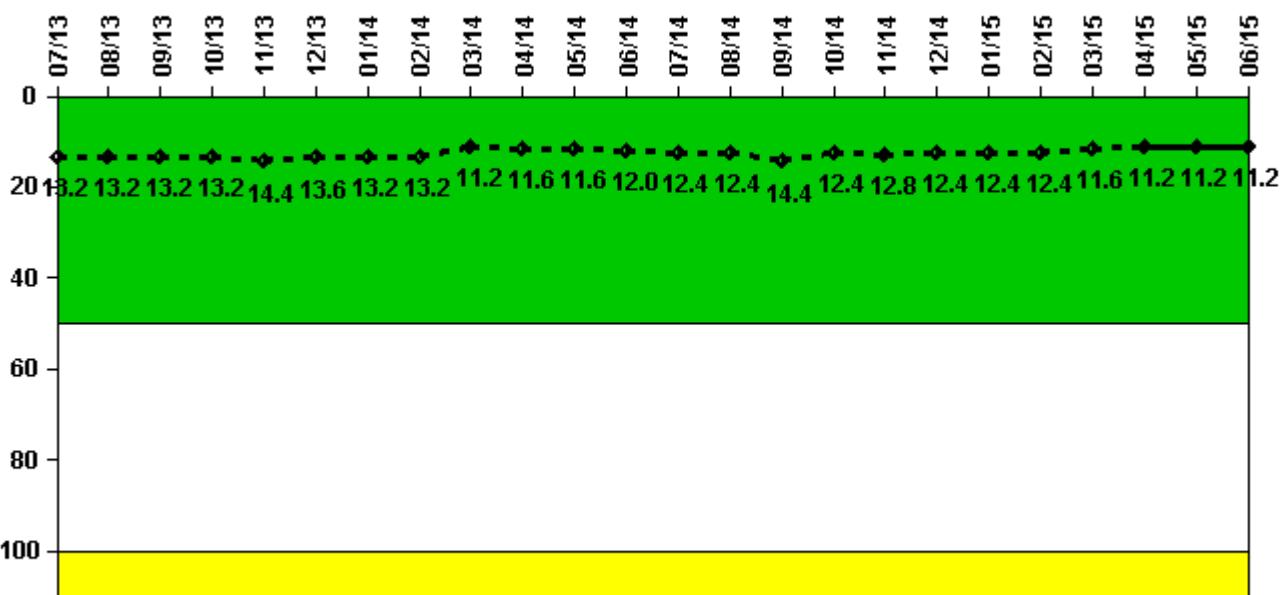
| Reactor Coolant System Activity | 7/13       | 8/13       | 9/13       | 10/13      | 11/13      | 12/13      | 1/14       | 2/14       | 3/14     | 4/14       | 5/14     | 6/14     |
|---------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|----------|------------|----------|----------|
| Maximum activity                | 0.000215   | 0.000282   | 0.000183   | 0.000170   | 0.000167   | 0.000212   | 0.000151   | 0.000132   | 0.000059 | 0.000122   | 0.000078 | 0.000093 |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2      | 0.2        | 0.2      | 0.2      |
| Indicator value                 | <b>0.1</b> | <b>0</b> | <b>0.1</b> | <b>0</b> | <b>0</b> |
| Reactor Coolant System Activity | 7/14       | 8/14       | 9/14       | 10/14      | 11/14      | 12/14      | 1/15       | 2/15       | 3/15     | 4/15       | 5/15     | 6/15     |
| Maximum activity                | 0.000161   | 0.000132   | 0.000123   | 0.000130   | 0.000128   | 0.000108   | 0.000105   | 0.000122   | 0.000118 | 0.000142   | 0.000145 | 0.000190 |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2      | 0.2        | 0.2      | 0.2      |

|                        |     |     |     |     |     |     |     |     |     |     |     |     |     |
|------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| <b>Indicator value</b> | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
|------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|

Licensee Comments: none

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### Reactor Coolant System Leakage



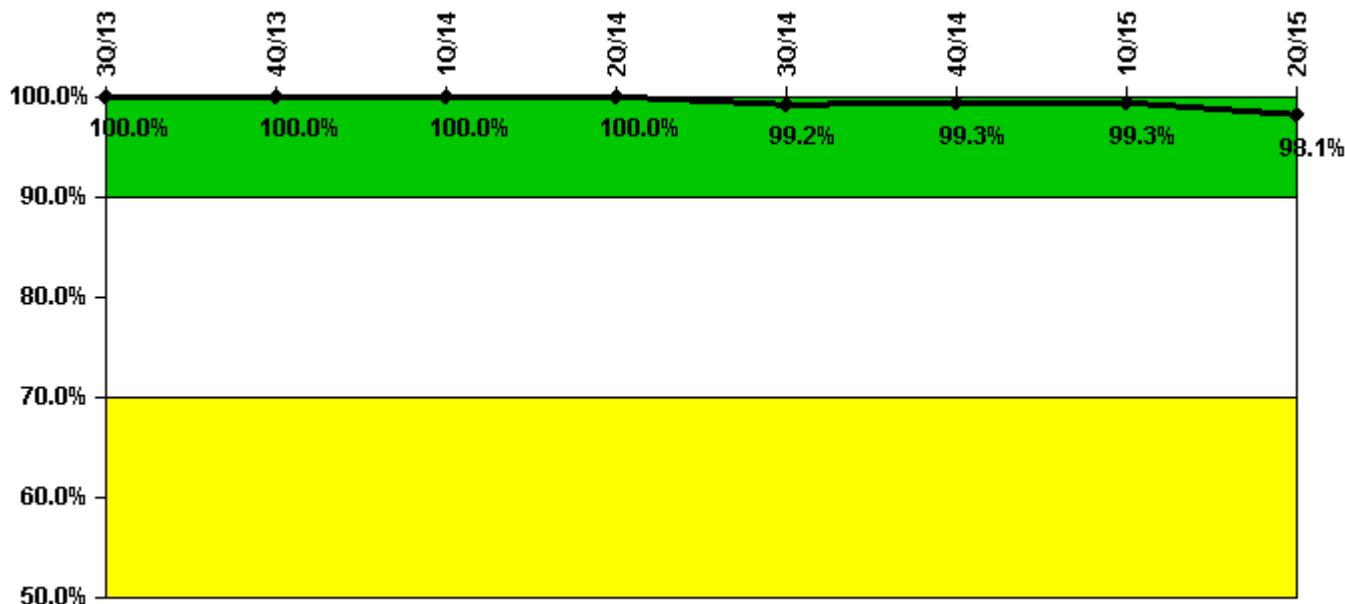
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Leakage | 7/13  | 8/13  | 9/13  | 10/13 | 11/13 | 12/13 | 1/14  | 2/14  | 3/14  | 4/14  | 5/14  | 6/14  |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage                | 3.300 | 3.300 | 3.300 | 3.300 | 3.600 | 3.400 | 3.300 | 3.300 | 2.800 | 2.900 | 2.900 | 3.000 |
| Technical specification limit  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  |
|                                |       |       |       |       |       |       |       |       |       |       |       |       |
| Indicator value                | 13.2  | 13.2  | 13.2  | 13.2  | 14.4  | 13.6  | 13.2  | 13.2  | 11.2  | 11.6  | 11.6  | 12.0  |
| Reactor Coolant System Leakage | 7/14  | 8/14  | 9/14  | 10/14 | 11/14 | 12/14 | 1/15  | 2/15  | 3/15  | 4/15  | 5/15  | 6/15  |
| Maximum leakage                | 3.100 | 3.100 | 3.600 | 3.100 | 3.200 | 3.100 | 3.100 | 3.100 | 2.900 | 2.800 | 2.800 | 2.800 |
| Technical specification limit  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  |
|                                |       |       |       |       |       |       |       |       |       |       |       |       |
| Indicator value                | 12.4  | 12.4  | 14.4  | 12.4  | 12.8  | 12.4  | 12.4  | 12.4  | 11.6  | 11.2  | 11.2  | 11.2  |

Licensee Comments: none

### Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

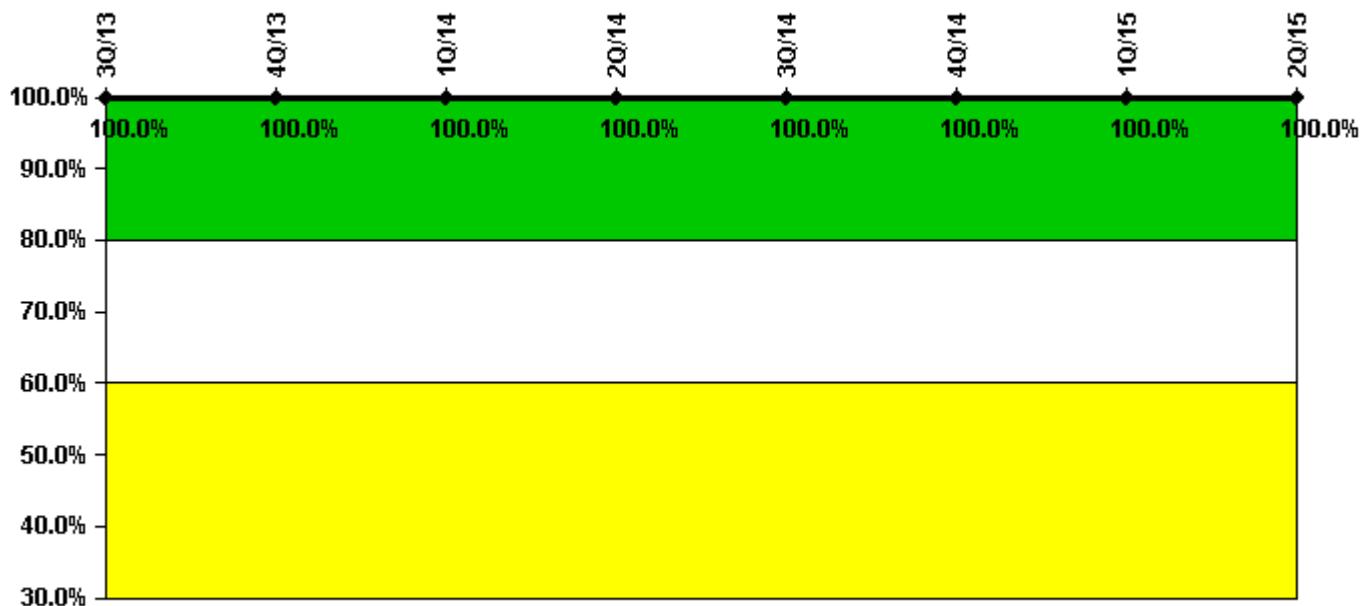
#### Notes

| Drill/Exercise Performance | 3Q/13  | 4Q/13  | 1Q/14  | 2Q/14  | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 |
|----------------------------|--------|--------|--------|--------|-------|-------|-------|-------|
| Successful opportunities   | 30.0   | 34.0   | 17.0   | 36.0   | 48.0  | 42.0  | 46.0  | 105.0 |
| Total opportunities        | 30.0   | 34.0   | 17.0   | 36.0   | 50.0  | 42.0  | 46.0  | 110.0 |
| Indicator value            | 100.0% | 100.0% | 100.0% | 100.0% | 99.2% | 99.3% | 99.3% | 98.1% |

#### Licensee Comments:

2Q/14: An internal review identified additional drill/exercise performance opportunities that should have been counted in the 4th quarter 2013. For October 2013 the number of both the total and successful opportunities was increased from 12 to 16. This correction did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

### ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

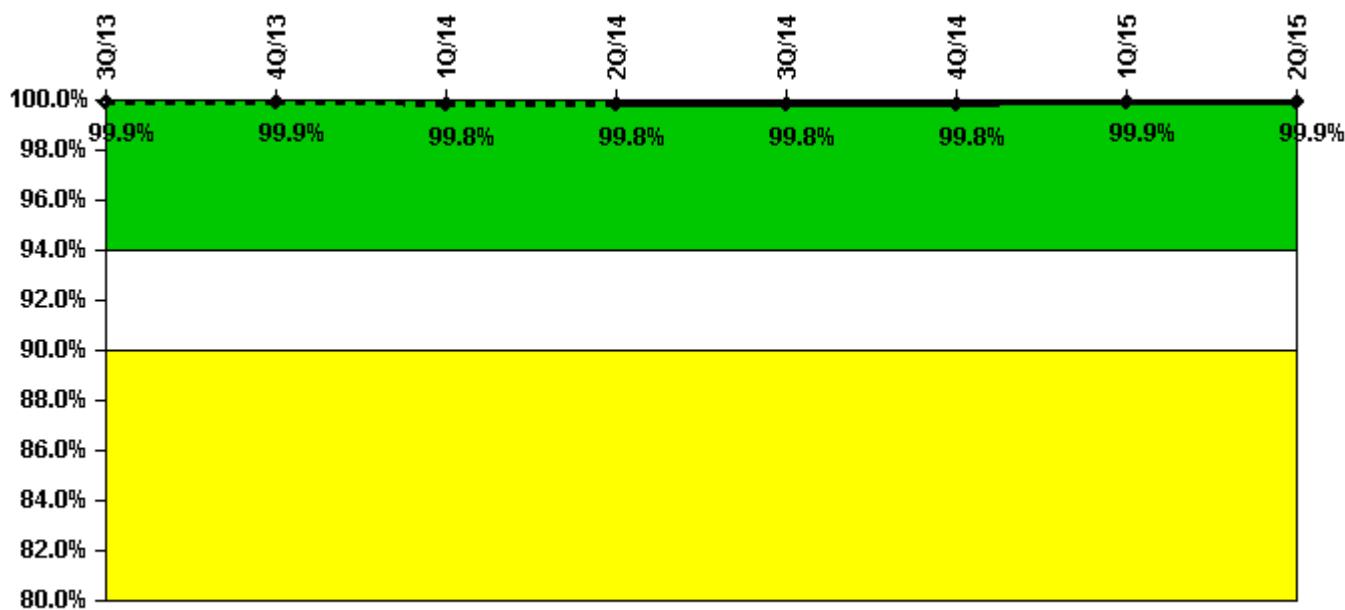
#### Notes

| ERO Drill Participation     | 3Q/13         | 4Q/13         | 1Q/14         | 2Q/14         | 3Q/14         | 4Q/14         | 1Q/15         | 2Q/15         |
|-----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Participating Key personnel | 68.0          | 67.0          | 65.0          | 62.0          | 65.0          | 69.0          | 69.0          | 68.0          |
| Total Key personnel         | 68.0          | 67.0          | 65.0          | 62.0          | 65.0          | 69.0          | 69.0          | 68.0          |
| <b>Indicator value</b>      | <b>100.0%</b> |

#### Licensee Comments:

1Q/15: During an internal assessment, it was discovered that one individual was inadvertently counted as a participating ERO member from May to December 2014. This was corrected by decreasing the number of total and participating key personnel by one for the months in question. This issue, which did not result in a change to performance indicator color, has been entered into the corrective action program.

## Alert & Notification System



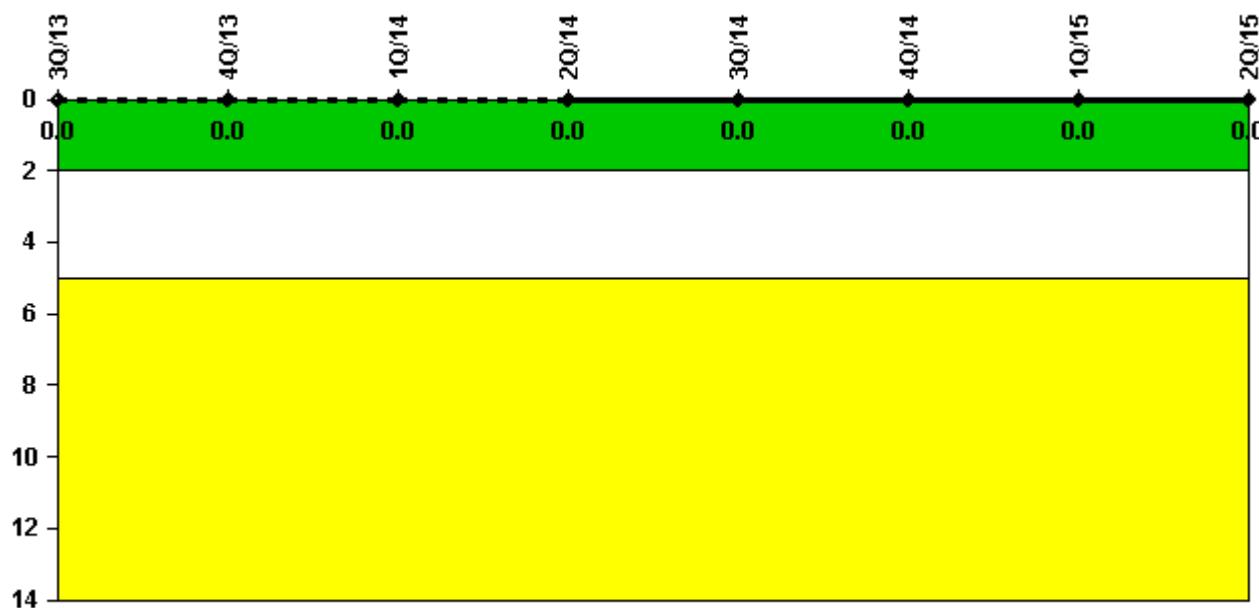
Thresholds: White < 94.0% Yellow < 90.0%

### Notes

| Alert & Notification System | 3Q/13        | 4Q/13        | 1Q/14        | 2Q/14        | 3Q/14        | 4Q/14        | 1Q/15        | 2Q/15        |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests      | 2176         | 2175         | 2131         | 2171         | 2174         | 2175         | 2138         | 2173         |
| Total sirens-tests          | 2176         | 2176         | 2142         | 2176         | 2176         | 2176         | 2142         | 2176         |
| <b>Indicator value</b>      | <b>99.9%</b> | <b>99.9%</b> | <b>99.8%</b> | <b>99.8%</b> | <b>99.8%</b> | <b>99.8%</b> | <b>99.9%</b> | <b>99.9%</b> |

Licensee Comments: none

### Occupational Exposure Control Effectiveness

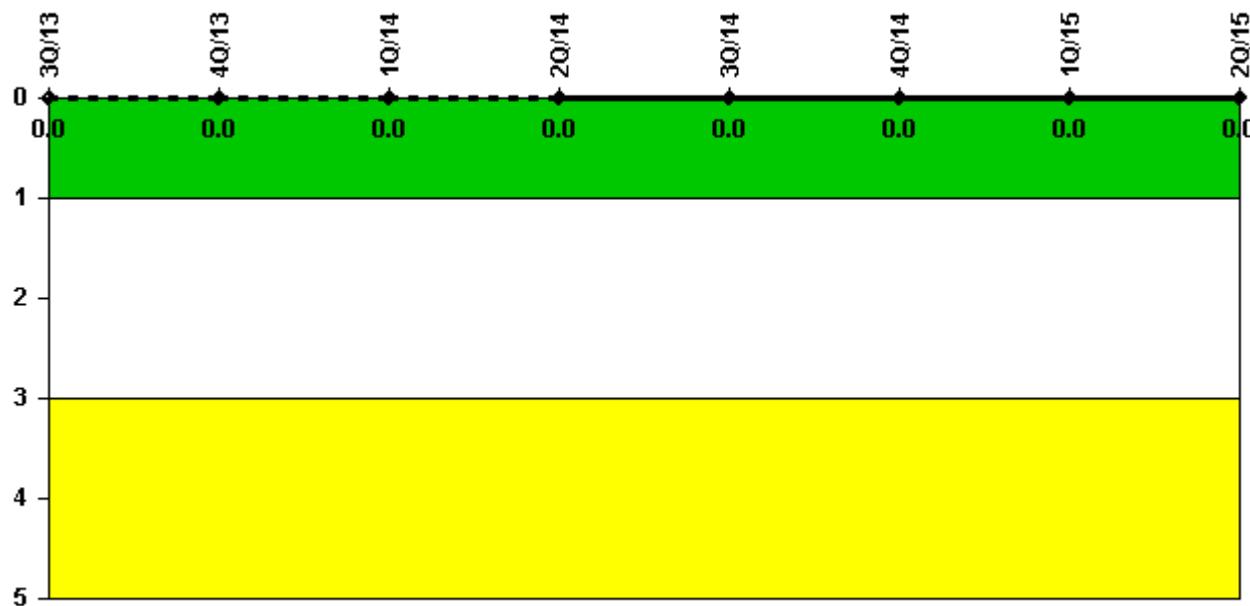


Thresholds: White > 2.0 Yellow > 5.0

#### Notes

| Occupational Exposure Control Effectiveness | 3Q/13    | 4Q/13    | 1Q/14    | 2Q/14    | 3Q/14    | 4Q/14    | 1Q/15    | 2Q/15    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>0</b> |

Licensee Comments: none

**RETS/ODCM Radiological Effluent**

Thresholds: White > 1.0 Yellow > 3.0

**Notes**

| RETS/ODCM Radiological Effluent | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

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 [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

*Last Modified: July 24, 2015*

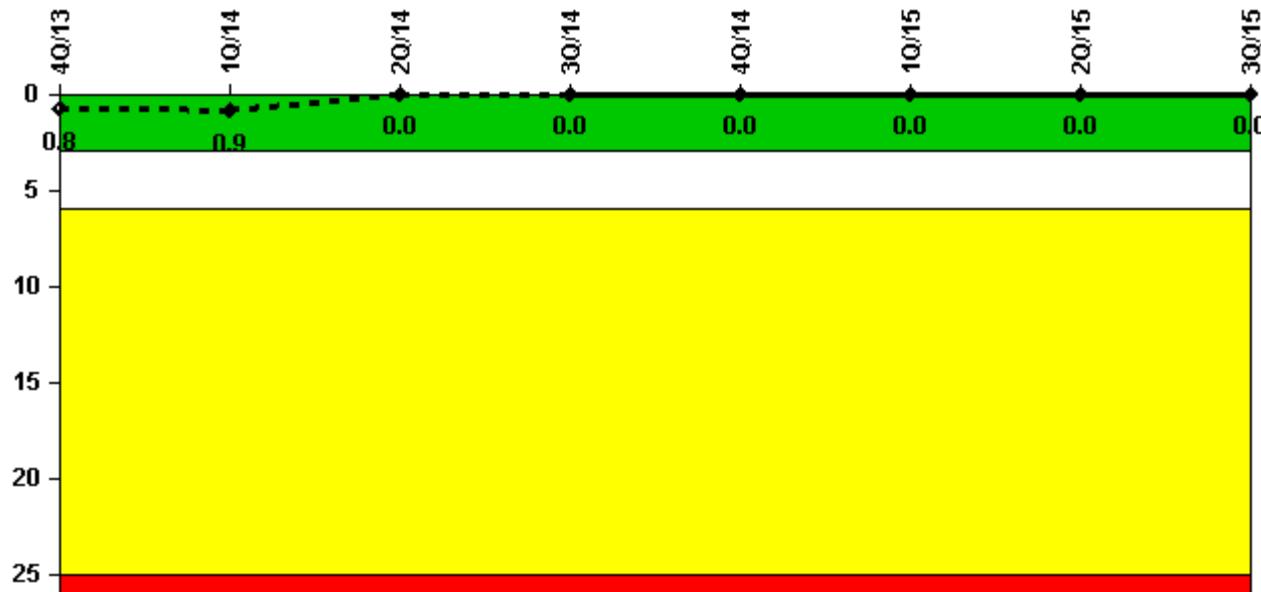
# La Salle 1

## 3Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

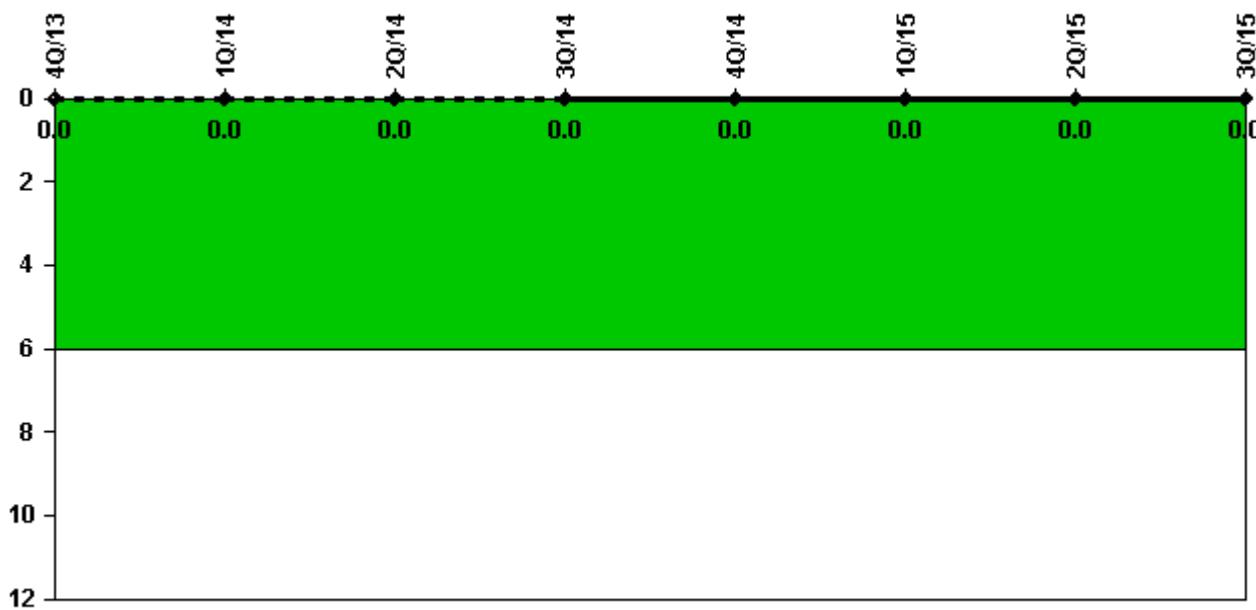
### Notes

| Unplanned Scrams per 7000 Critical Hrs | 4Q/13  | 1Q/14  | 2Q/14  | 3Q/14  | 4Q/14  | 1Q/15  | 2Q/15  | 3Q/15  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Critical hours                         | 2209.0 | 1754.0 | 2184.0 | 2208.0 | 2041.7 | 2159.0 | 2184.0 | 2208.0 |
| Indicator value                        | 0.8    | 0.9    | 0      | 0      | 0      | 0      | 0      | 0      |

Licensee Comments:

1Q/14: An internal review identified a data entry error in 2nd Qtr 2013 critical hours for both Units. On Unit 1, the critical hours for April 2013 were increased from 432.5 to 490.2 hours. This changed the critical hours input into the Unplanned Scrams and Unplanned Power Changes per 7,000 Critical Hours indicators, and the MSPI indicators, as shown in the 1st Qtr 2014 Change File. Correction of the error did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

### Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

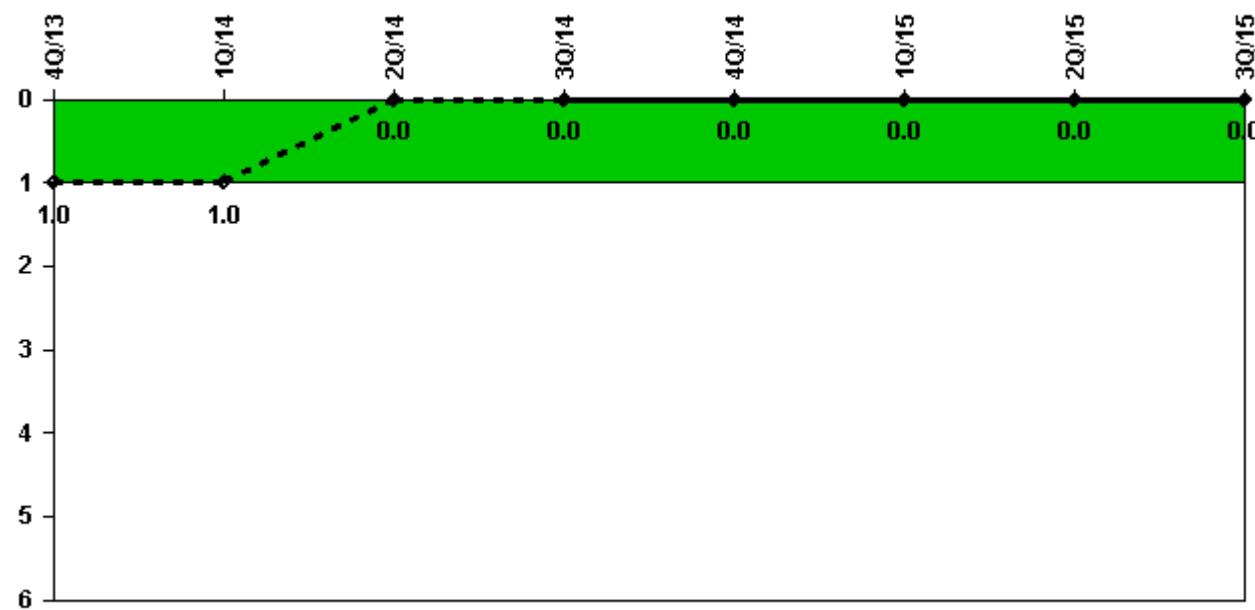
#### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 4Q/13    | 1Q/14    | 2Q/14    | 3Q/14    | 4Q/14    | 1Q/15    | 2Q/15    | 3Q/15    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Unplanned power changes                       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Critical hours                                | 2209.0   | 1754.0   | 2184.0   | 2208.0   | 2041.7   | 2159.0   | 2184.0   | 2208.0   |
| <b>Indicator value</b>                        | <b>0</b> |

#### Licensee Comments:

1Q/14: An internal review identified a data entry error in 2nd Qtr 2013 critical hours for both Units. On Unit 1, the critical hours for April 2013 were increased from 432.5 to 490.2 hours. This changed the critical hours input into the Unplanned Scrams and Unplanned Power Changes per 7,000 Critical Hours indicators, and the MSPI indicators, as shown in the 1st Qtr 2014 Change File. Correction of the error did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

### Unplanned Scrams with Complications



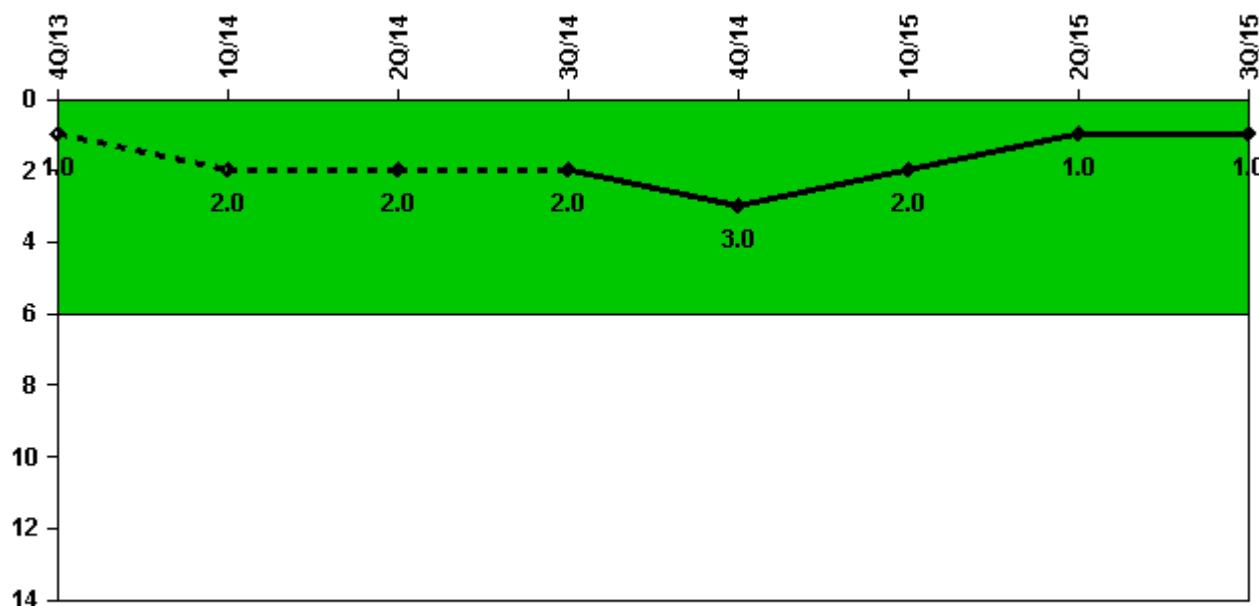
Thresholds: White > 1.0

#### Notes

| Unplanned Scrams with Complications | 4Q/13      | 1Q/14      | 2Q/14      | 3Q/14      | 4Q/14      | 1Q/15      | 2Q/15      | 3Q/15      |
|-------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Scrams with complications           | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
|                                     |            |            |            |            |            |            |            |            |
|                                     |            |            |            |            |            |            |            |            |
| <b>Indicator value</b>              | <b>1.0</b> | <b>1.0</b> | <b>0.0</b> | <b>0.0</b> | <b>0.0</b> | <b>0.0</b> | <b>0.0</b> | <b>0.0</b> |

Licensee Comments: none

## Safety System Functional Failures (BWR)



Thresholds: White > 6.0

### Notes

| Safety System Functional Failures (BWR) | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures       | 0     | 1     | 1     | 0     | 1     | 0     | 0     | 0     |
| Indicator value                         |       | 1     | 2     | 2     | 2     | 3     | 2     | 1     |

Licensee Comments:

4Q/14: LER 373-2014-004

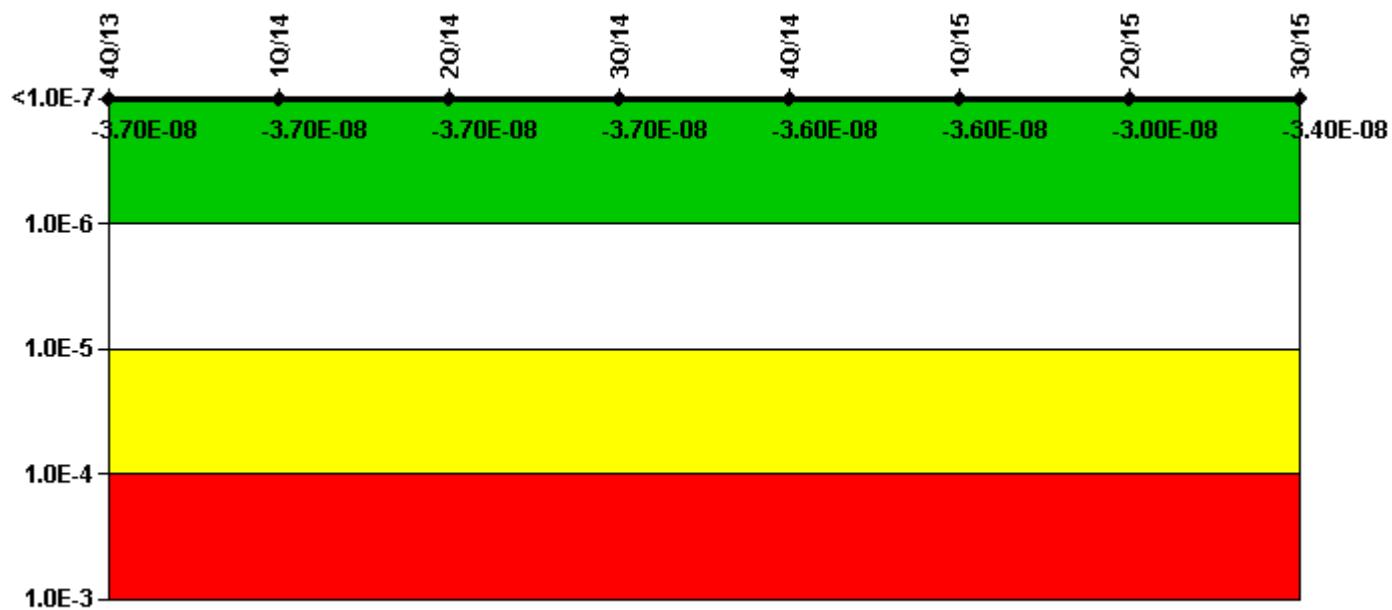
2Q/14: LER 373-2014-002-00.

1Q/14: LER 373-2013-008-00. Also, Unit 1 Safety System Functional Failures for April 2013 were changed from 1 to 0, as an engineering evaluation determined that the secondary containment inoperability did not result in a loss of safety function as defined by NEI 99-02. See LER 373-2013-001-02. Unit 1 Safety System Functional Failures for June 2013 were changed from 2 to 1, as further review determined that the April LOOP event was not reportable under 10 CFR 50.73(a)(2)(v)(D). See LER 373-2013-002-02. Unit 1 Safety System Functional Failures for December 2013 were changed from 1 to 0, as an engineering evaluation determined that the secondary containment inoperability did not result in a loss of safety function as defined by NEI 99-02. See LER 373-2013-007-01.

4Q/13: LER 373-2013-007-00

4Q/13: LER 373-2013-007

### Mitigating Systems Performance Index, Emergency AC Power System



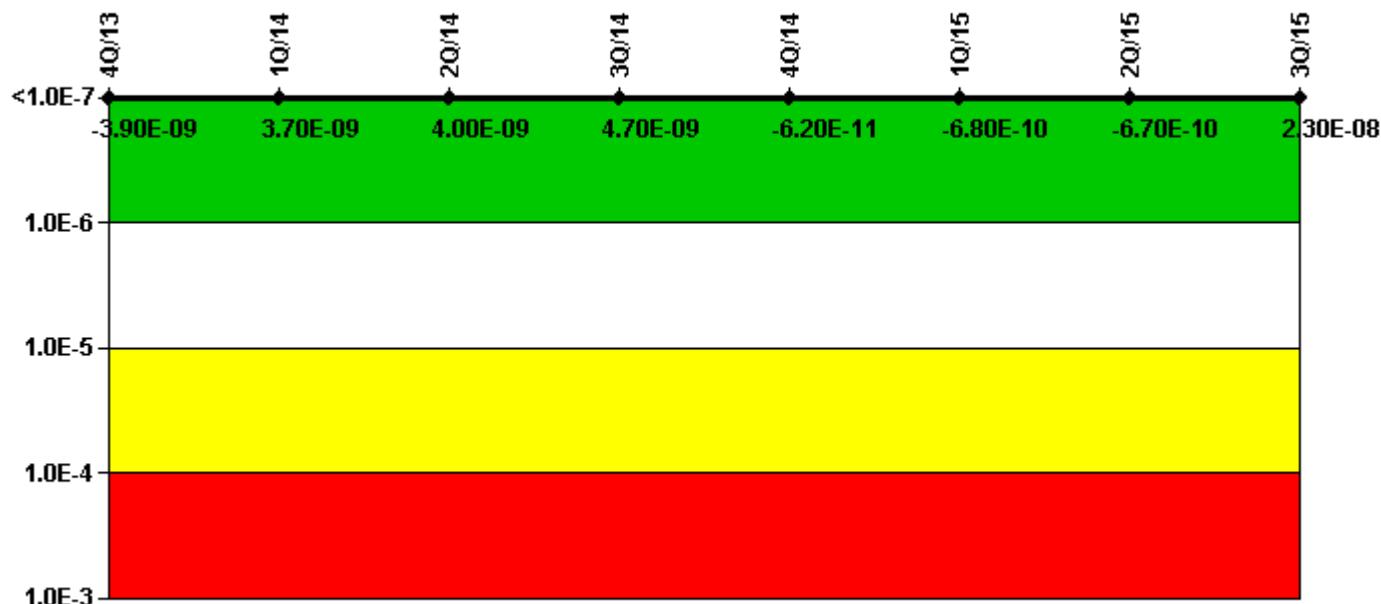
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

#### Notes

| Mitigating Systems Performance Index,<br>Emergency AC Power System | 4Q/13            | 1Q/14            | 2Q/14            | 3Q/14            | 4Q/14            | 1Q/15            | 2Q/15            | 3Q/15            |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)  | -6.29E-09        | -6.29E-09        | -6.29E-09        | -6.29E-09        | -6.29E-09        | -6.29E-09        | -3.74E-10        | -4.38E-09        |
| URI ( $\Delta$ CDF)  | -3.12E-08        | -3.09E-08        | -3.06E-08        | -3.02E-08        | -2.99E-08        | -2.99E-08        | -2.99E-08        | -2.99E-08        |
| PLE  | NO               |
| <b>Indicator value</b>   | <b>-3.70E-08</b> | <b>-3.70E-08</b> | <b>-3.70E-08</b> | <b>-3.70E-08</b> | <b>-3.60E-08</b> | <b>-3.60E-08</b> | <b>-3.00E-08</b> | <b>-3.40E-08</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

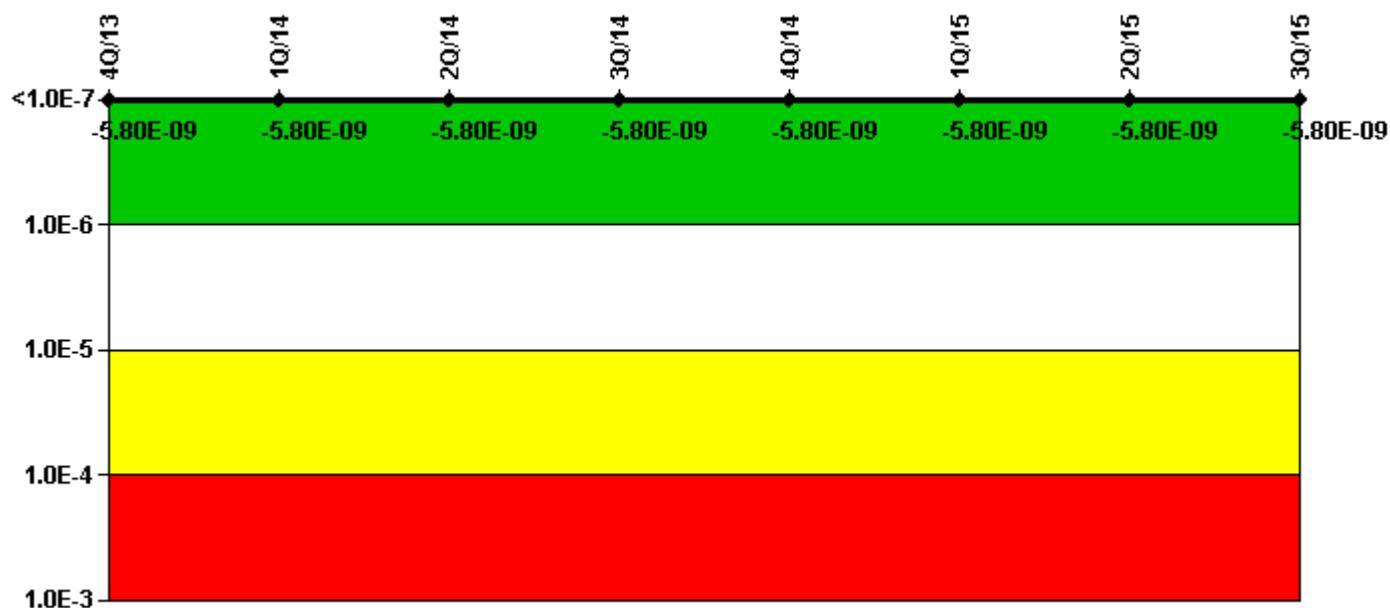
### Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 4Q/13            | 1Q/14           | 2Q/14           | 3Q/14           | 4Q/14            | 1Q/15            | 2Q/15            | 3Q/15           |
|--|------------------|-----------------|-----------------|-----------------|------------------|------------------|------------------|-----------------|
| UAI ( $\Delta$ CDF)  | 1.01E-08         | 1.75E-08        | 1.75E-08        | 1.79E-08        | 1.29E-08         | 1.23E-08         | 1.23E-08         | 3.58E-08        |
| URI ( $\Delta$ CDF)  | -1.40E-08        | -1.37E-08       | -1.35E-08       | -1.32E-08       | -1.30E-08        | -1.30E-08        | -1.30E-08        | -1.30E-08       |
| PLE  | NO               | NO              | NO              | NO              | NO               | NO               | NO               | NO              |
| <b>Indicator value</b>   | <b>-3.90E-09</b> | <b>3.70E-09</b> | <b>4.00E-09</b> | <b>4.70E-09</b> | <b>-6.20E-11</b> | <b>-6.80E-10</b> | <b>-6.70E-10</b> | <b>2.30E-08</b> |

### Licensee Comments:

1Q/14: An internal review identified a data entry error in 2nd Qtr 2013 critical hours for both Units. On Unit 1, the critical hours for April 2013 were increased from 432.5 to 490.2 hours. This changed the critical hours input into the Unplanned Scrams and Unplanned Power Changes per 7,000 Critical Hours indicators, and the MSPI indicators, as shown in the 1st Qtr 2014 Change File. Correction of the error did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

## Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

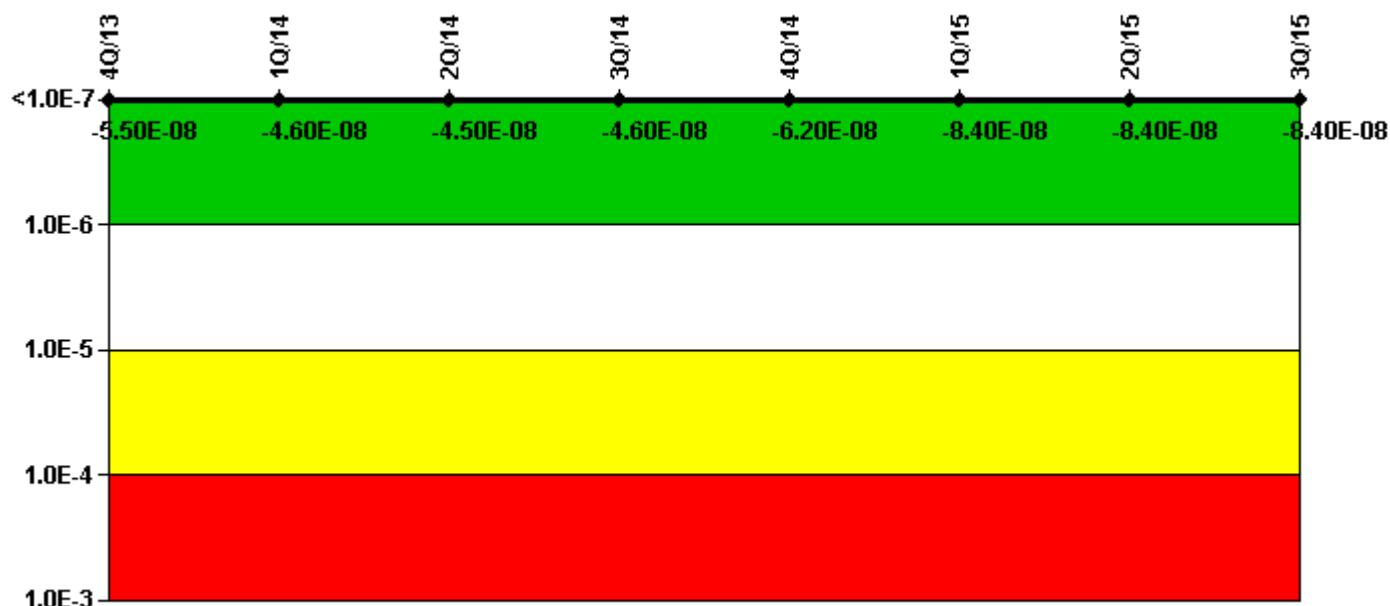
### Notes

| Mitigating Systems Performance Index, Heat Removal System | 4Q/13            | 1Q/14            | 2Q/14            | 3Q/14            | 4Q/14            | 1Q/15            | 2Q/15            | 3Q/15            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)                                       | -1.16E-09        | -1.15E-09        | -1.15E-09        | -1.15E-09        | -1.15E-09        | -1.16E-09        | -1.16E-09        | -1.16E-09        |
| URI ( $\Delta$ CDF)                                       | -4.66E-09        |
| PLE   | NO               |
| <b>Indicator value</b>                                    | <b>-5.80E-09</b> |

### Licensee Comments:

1Q/14: An internal review identified a data entry error in 2nd Qtr 2013 critical hours for both Units. On Unit 1, the critical hours for April 2013 were increased from 432.5 to 490.2 hours. This changed the critical hours input into the Unplanned Scrams and Unplanned Power Changes per 7,000 Critical Hours indicators, and the MSPI indicators, as shown in the 1st Qtr 2014 Change File. Correction of the error did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

## Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

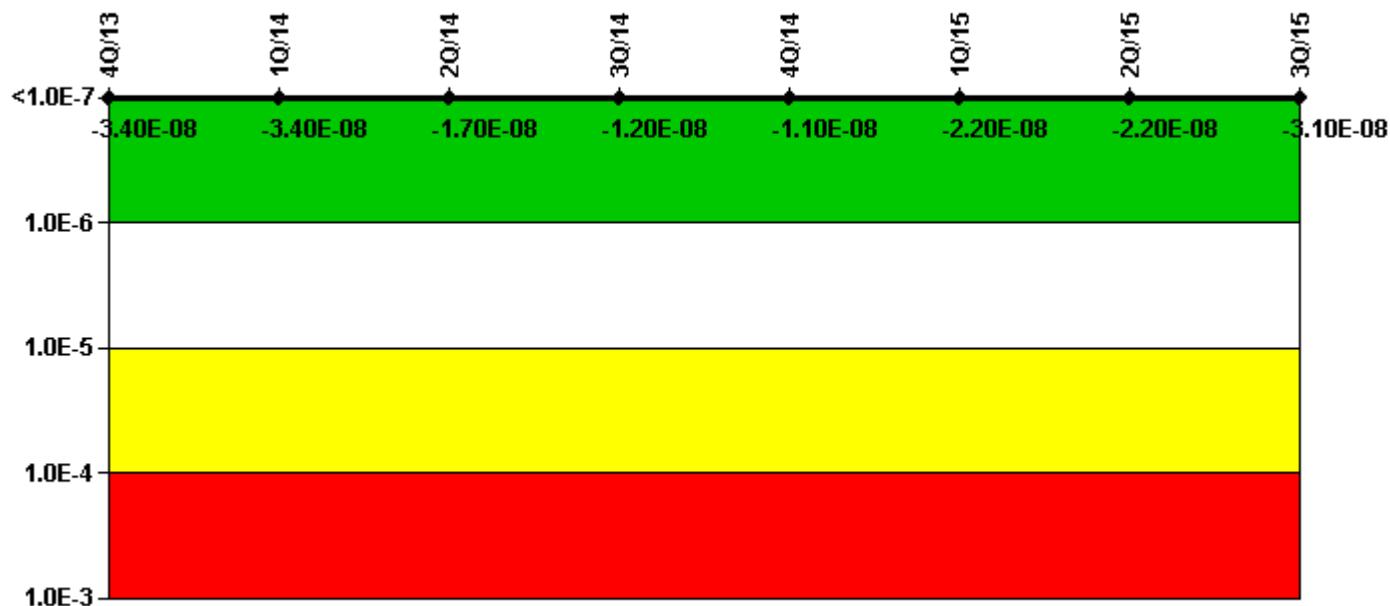
### Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 4Q/13            | 1Q/14            | 2Q/14            | 3Q/14            | 4Q/14            | 1Q/15            | 2Q/15            | 3Q/15            |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)  | -5.60E-09        | 3.52E-09         | 4.07E-09         | 3.40E-09         | -1.31E-08        | -3.50E-08        | -3.50E-08        | -3.50E-08        |
| URI ( $\Delta$ CDF)  | -4.94E-08        |
| PLE  | NO               |
| Indicator value  | <b>-5.50E-08</b> | <b>-4.60E-08</b> | <b>-4.50E-08</b> | <b>-4.60E-08</b> | <b>-6.20E-08</b> | <b>-8.40E-08</b> | <b>-8.40E-08</b> | <b>-8.40E-08</b> |

### Licensee Comments:

1Q/14: An internal review identified a data entry error in 2nd Qtr 2013 critical hours for both Units. On Unit 1, the critical hours for April 2013 were increased from 432.5 to 490.2 hours. This changed the critical hours input into the Unplanned Scrams and Unplanned Power Changes per 7,000 Critical Hours indicators, and the MSPI indicators, as shown in the 1st Qtr 2014 Change File. Correction of the error did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

## Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White >  $1.00E-6$  Yellow >  $1.00E-5$  Red >  $1.00E-4$

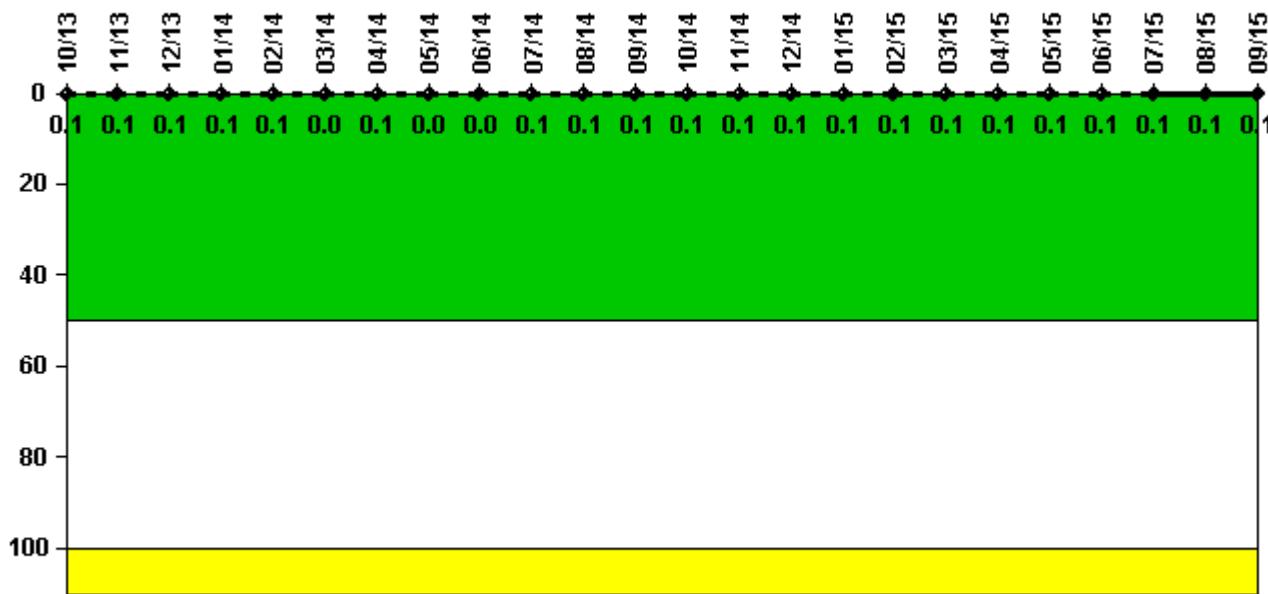
### Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 4Q/13            | 1Q/14            | 2Q/14            | 3Q/14            | 4Q/14            | 1Q/15            | 2Q/15            | 3Q/15            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)   | 2.89E-08         | 2.95E-08         | 4.62E-08         | 5.11E-08         | 5.23E-08         | 4.11E-08         | 4.11E-08         | 3.22E-08         |
| URI ( $\Delta$ CDF)   | -6.33E-08        |
| PLE   | NO               |
| <b>Indicator value</b>                                      | <b>-3.40E-08</b> | <b>-3.40E-08</b> | <b>-1.70E-08</b> | <b>-1.20E-08</b> | <b>-1.10E-08</b> | <b>-2.20E-08</b> | <b>-2.20E-08</b> | <b>-3.10E-08</b> |

### Licensee Comments:

1Q/14: An internal review identified a data entry error in 2nd Qtr 2013 critical hours for both Units. On Unit 1, the critical hours for April 2013 were increased from 432.5 to 490.2 hours. This changed the critical hours input into the Unplanned Scrams and Unplanned Power Changes per 7,000 Critical Hours indicators, and the MSPI indicators, as shown in the 1st Qtr 2014 Change File. Correction of the error did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

## Reactor Coolant System Activity



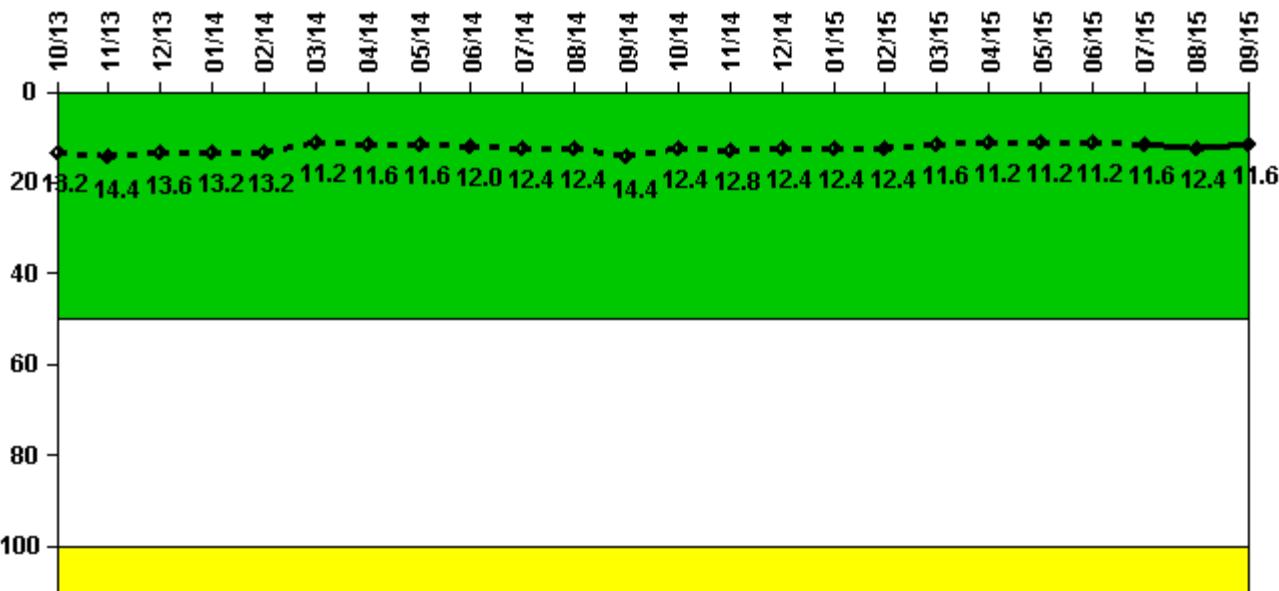
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Activity | 10/13      | 11/13      | 12/13      | 1/14       | 2/14       | 3/14       | 4/14       | 5/14       | 6/14       | 7/14       | 8/14       | 9/14       |
|---------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Maximum activity                | 0.000170   | 0.000167   | 0.000212   | 0.000151   | 0.000132   | 0.000059   | 0.000122   | 0.000078   | 0.000093   | 0.000161   | 0.000132   | 0.000123   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| Indicator value                 | <b>0.1</b> | <b>0.1</b> | <b>0.1</b> | <b>0.1</b> | <b>0.1</b> | <b>0</b>   | <b>0.1</b> | <b>0</b>   | <b>0</b>   | <b>0.1</b> | <b>0.1</b> | <b>0.1</b> |
| Reactor Coolant System Activity | 10/14      | 11/14      | 12/14      | 1/15       | 2/15       | 3/15       | 4/15       | 5/15       | 6/15       | 7/15       | 8/15       | 9/15       |
| Maximum activity                | 0.000130   | 0.000128   | 0.000108   | 0.000105   | 0.000122   | 0.000118   | 0.000142   | 0.000145   | 0.000190   | 0.000152   | 0.000187   | 0.000160   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| Indicator value                 | <b>0.1</b> |

Licensee Comments: none

## Reactor Coolant System Leakage



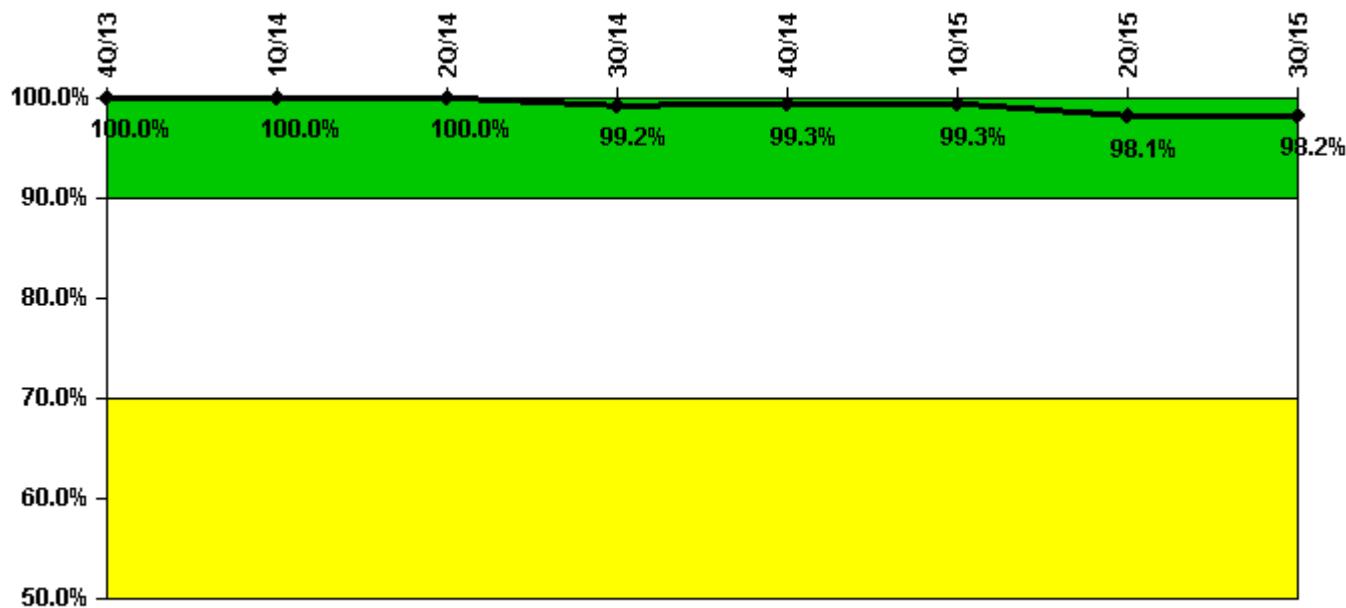
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Leakage | 10/13       | 11/13       | 12/13       | 1/14        | 2/14        | 3/14        | 4/14        | 5/14        | 6/14        | 7/14        | 8/14        | 9/14        |
|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Maximum leakage                | 3.300       | 3.600       | 3.400       | 3.300       | 3.300       | 2.800       | 2.900       | 2.900       | 3.000       | 3.100       | 3.100       | 3.600       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| Indicator value                | <b>13.2</b> | <b>14.4</b> | <b>13.6</b> | <b>13.2</b> | <b>13.2</b> | <b>11.2</b> | <b>11.6</b> | <b>11.6</b> | <b>12.0</b> | <b>12.4</b> | <b>12.4</b> | <b>14.4</b> |
| Reactor Coolant System Leakage | 10/14       | 11/14       | 12/14       | 1/15        | 2/15        | 3/15        | 4/15        | 5/15        | 6/15        | 7/15        | 8/15        | 9/15        |
| Maximum leakage                | 3.100       | 3.200       | 3.100       | 3.100       | 3.100       | 2.900       | 2.800       | 2.800       | 2.800       | 2.900       | 3.100       | 2.900       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| Indicator value                | <b>12.4</b> | <b>12.8</b> | <b>12.4</b> | <b>12.4</b> | <b>12.4</b> | <b>11.6</b> | <b>11.2</b> | <b>11.2</b> | <b>11.2</b> | <b>11.6</b> | <b>12.4</b> | <b>11.6</b> |

Licensee Comments: none

### Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

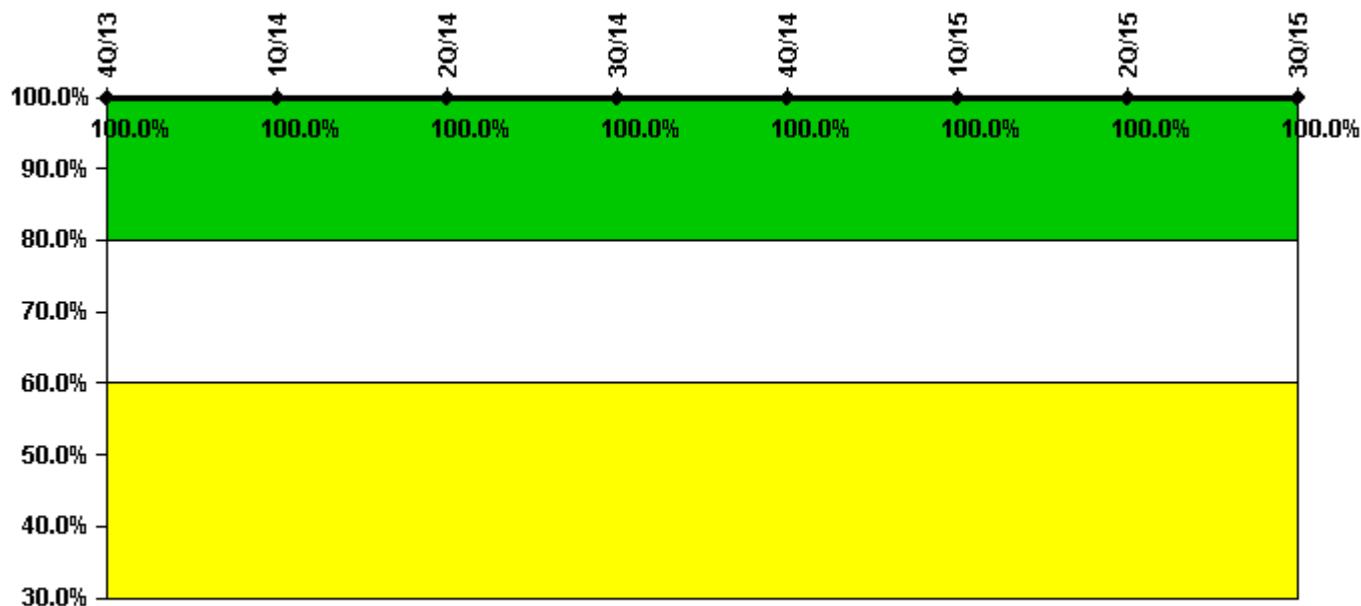
#### Notes

| Drill/Exercise Performance | 4Q/13         | 1Q/14         | 2Q/14         | 3Q/14        | 4Q/14        | 1Q/15        | 2Q/15        | 3Q/15        |
|----------------------------|---------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|
| Successful opportunities   | 34.0          | 17.0          | 36.0          | 48.0         | 42.0         | 46.0         | 105.0        | 62.0         |
| Total opportunities        | 34.0          | 17.0          | 36.0          | 50.0         | 42.0         | 46.0         | 110.0        | 62.0         |
| <b>Indicator value</b>     | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>99.2%</b> | <b>99.3%</b> | <b>99.3%</b> | <b>98.1%</b> | <b>98.2%</b> |

#### Licensee Comments:

2Q/14: An internal review identified additional drill/exercise performance opportunities that should have been counted in the 4th quarter 2013. For October 2013 the number of both the total and successful opportunities was increased from 12 to 16. This correction did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

### ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

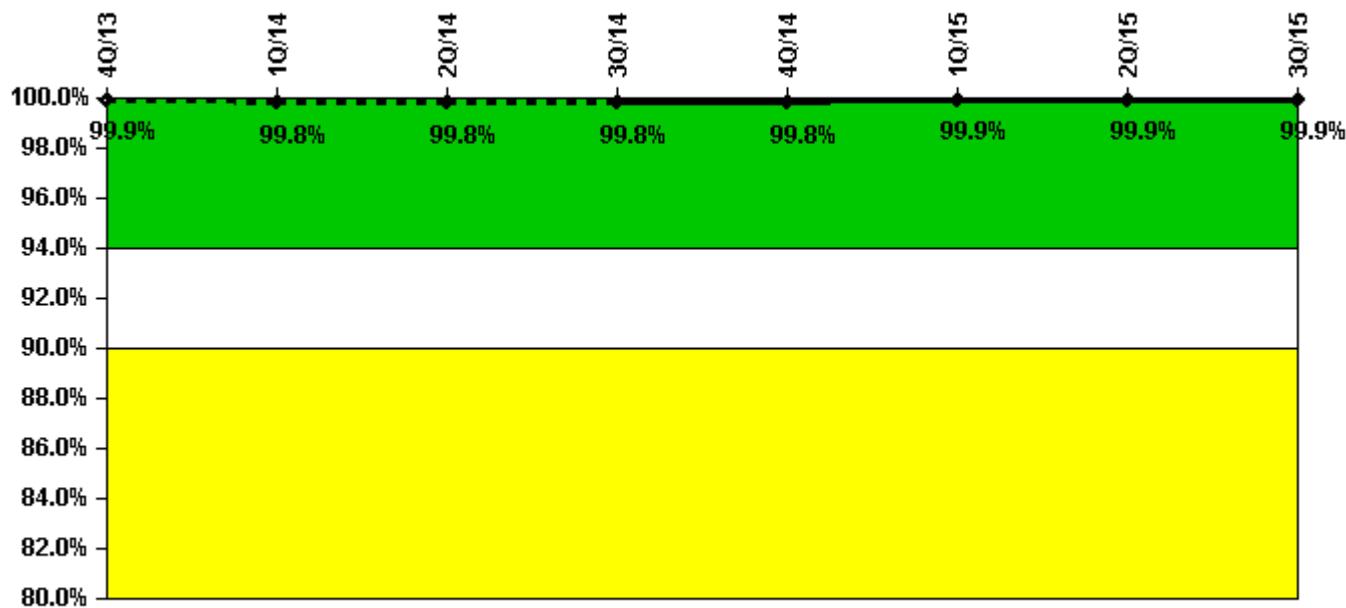
#### Notes

| ERO Drill Participation     | 4Q/13         | 1Q/14         | 2Q/14         | 3Q/14         | 4Q/14         | 1Q/15         | 2Q/15         | 3Q/15         |
|-----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Participating Key personnel | 67.0          | 65.0          | 62.0          | 65.0          | 69.0          | 69.0          | 68.0          | 68.0          |
| Total Key personnel         | 67.0          | 65.0          | 62.0          | 65.0          | 69.0          | 69.0          | 68.0          | 68.0          |
| <b>Indicator value</b>      | <b>100.0%</b> |

#### Licensee Comments:

1Q/15: During an internal assessment, it was discovered that one individual was inadvertently counted as a participating ERO member from May to December 2014. This was corrected by decreasing the number of total and participating key personnel by one for the months in question. This issue, which did not result in a change to performance indicator color, has been entered into the corrective action program.

## Alert & Notification System



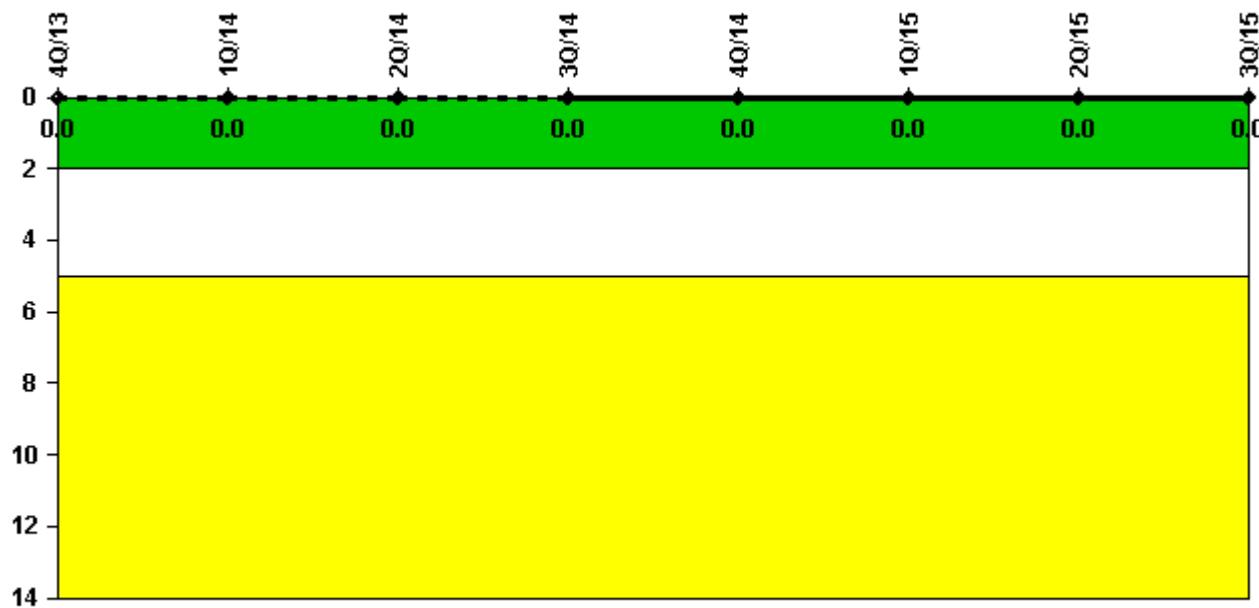
Thresholds: White < 94.0% Yellow < 90.0%

### Notes

| Alert & Notification System | 4Q/13        | 1Q/14        | 2Q/14        | 3Q/14        | 4Q/14        | 1Q/15        | 2Q/15        | 3Q/15        |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests      | 2175         | 2131         | 2171         | 2174         | 2175         | 2138         | 2173         | 2208         |
| Total sirens-tests          | 2176         | 2142         | 2176         | 2176         | 2176         | 2142         | 2176         | 2210         |
| <b>Indicator value</b>      | <b>99.9%</b> | <b>99.8%</b> | <b>99.8%</b> | <b>99.8%</b> | <b>99.8%</b> | <b>99.9%</b> | <b>99.9%</b> | <b>99.9%</b> |

Licensee Comments: none

## Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

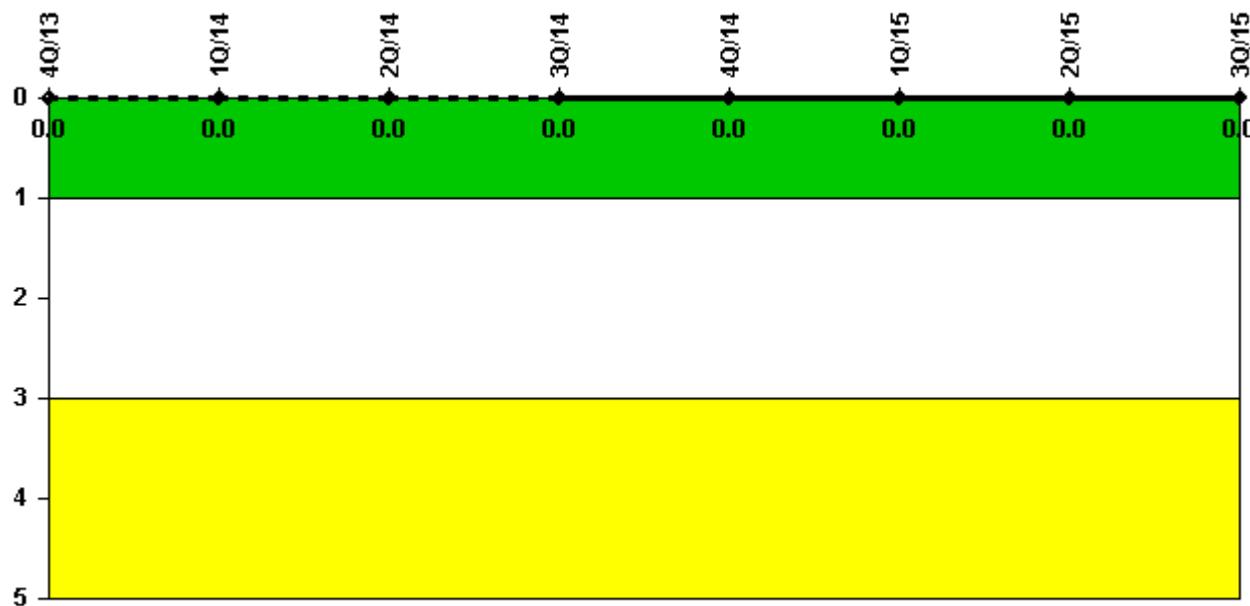
### Notes

| Occupational Exposure Control Effectiveness | 4Q/13    | 1Q/14    | 2Q/14    | 3Q/14    | 4Q/14    | 1Q/15    | 2Q/15    | 3Q/15    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>0</b> |

Licensee Comments: none

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## RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

### Notes

| RETS/ODCM Radiological Effluent | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

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Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

 [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

*Last Modified: December 15, 2015*

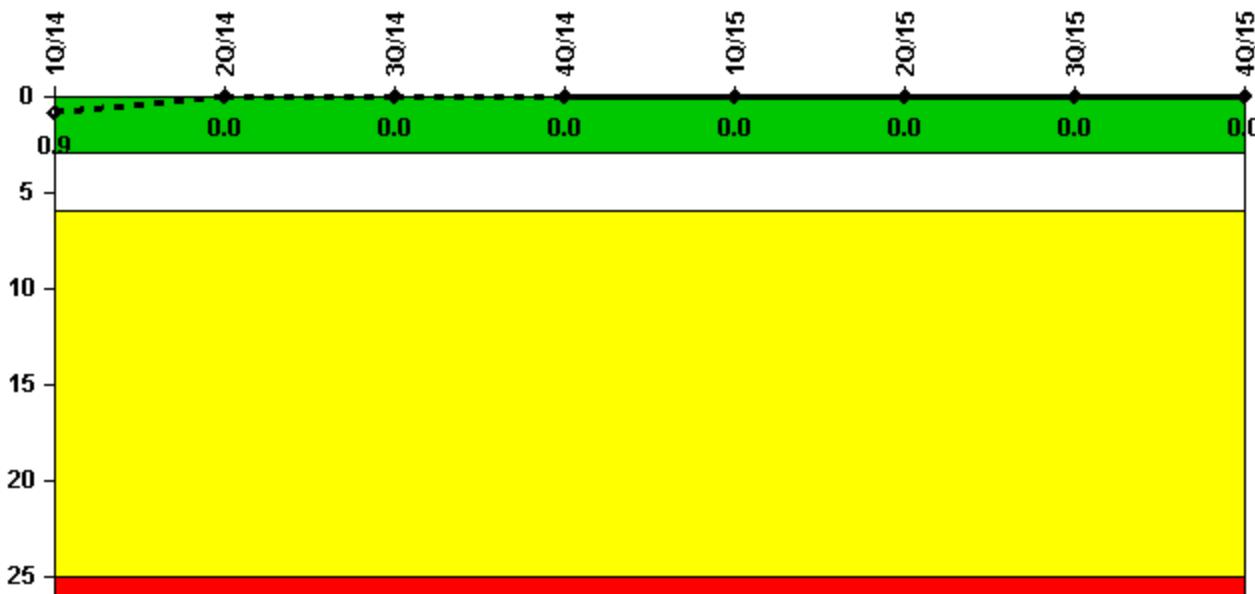
# La Salle 1

## 4Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

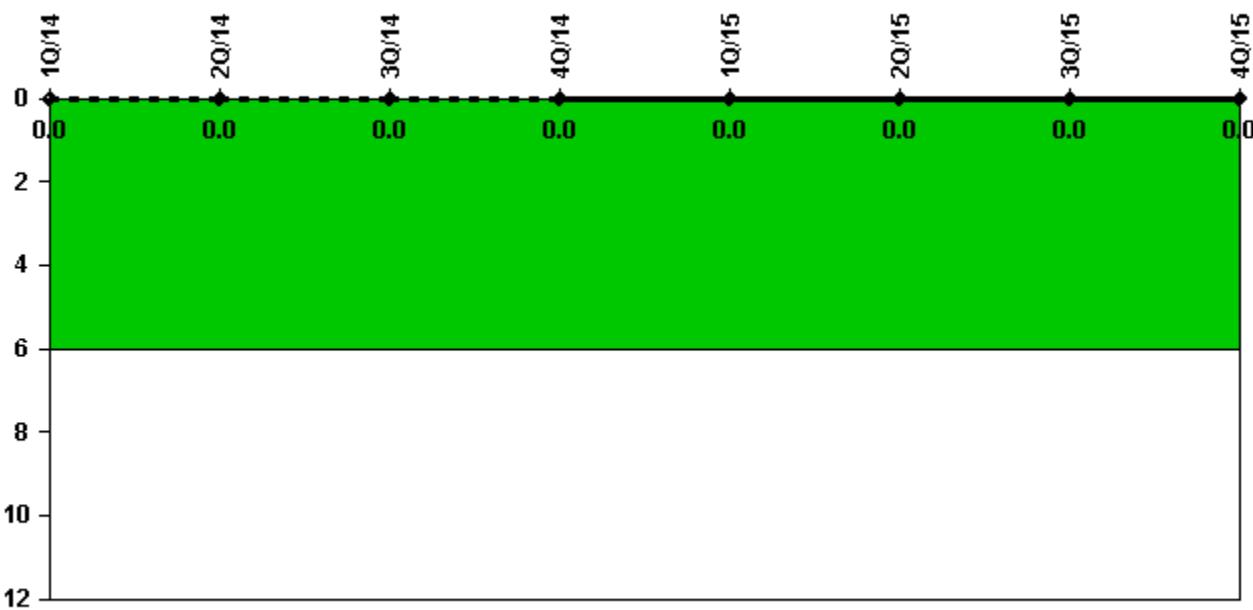
### Notes

| Unplanned Scrams per 7000 Critical Hrs | 1Q/14  | 2Q/14  | 3Q/14  | 4Q/14  | 1Q/15  | 2Q/15  | 3Q/15  | 4Q/15  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Critical hours                         | 1754.0 | 2184.0 | 2208.0 | 2041.7 | 2159.0 | 2184.0 | 2208.0 | 2209.0 |
| Indicator value                        | 0.9    | 0      | 0      | 0      | 0      | 0      | 0      | 0      |

Licensee Comments:

1Q/14: An internal review identified a data entry error in 2nd Qtr 2013 critical hours for both Units. On Unit 1, the critical hours for April 2013 were increased from 432.5 to 490.2 hours. This changed the critical hours input into the Unplanned Scrams and Unplanned Power Changes per 7,000 Critical Hours indicators, and the MSPI indicators, as shown in the 1st Qtr 2014 Change File. Correction of the error did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

### **Unplanned Power Changes per 7000 Critical Hrs**



Thresholds: White > 6.0

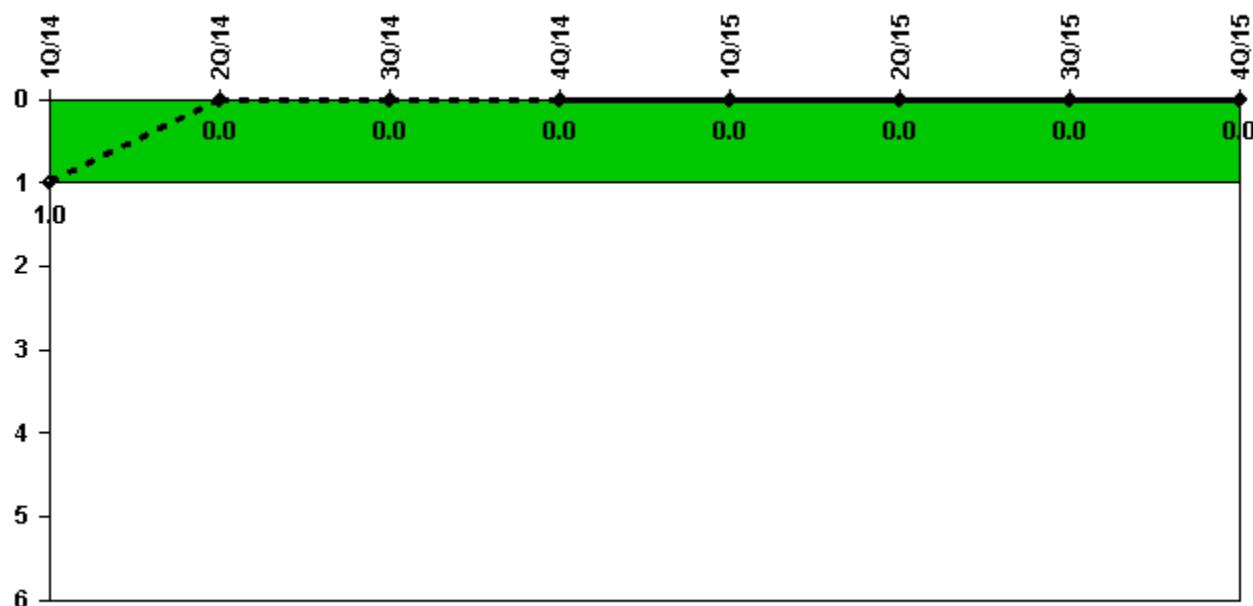
#### **Notes**

| Unplanned Power Changes per 7000 Critical Hrs | 1Q/14    | 2Q/14    | 3Q/14    | 4Q/14    | 1Q/15    | 2Q/15    | 3Q/15    | 4Q/15    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Unplanned power changes                       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Critical hours                                | 1754.0   | 2184.0   | 2208.0   | 2041.7   | 2159.0   | 2184.0   | 2208.0   | 2209.0   |
| <b>Indicator value</b>                        | <b>0</b> |

#### Licensee Comments:

1Q/14: An internal review identified a data entry error in 2nd Qtr 2013 critical hours for both Units. On Unit 1, the critical hours for April 2013 were increased from 432.5 to 490.2 hours. This changed the critical hours input into the Unplanned Scrams and Unplanned Power Changes per 7,000 Critical Hours indicators, and the MSPI indicators, as shown in the 1st Qtr 2014 Change File. Correction of the error did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

### Unplanned Scrams with Complications



Thresholds: White > 1.0

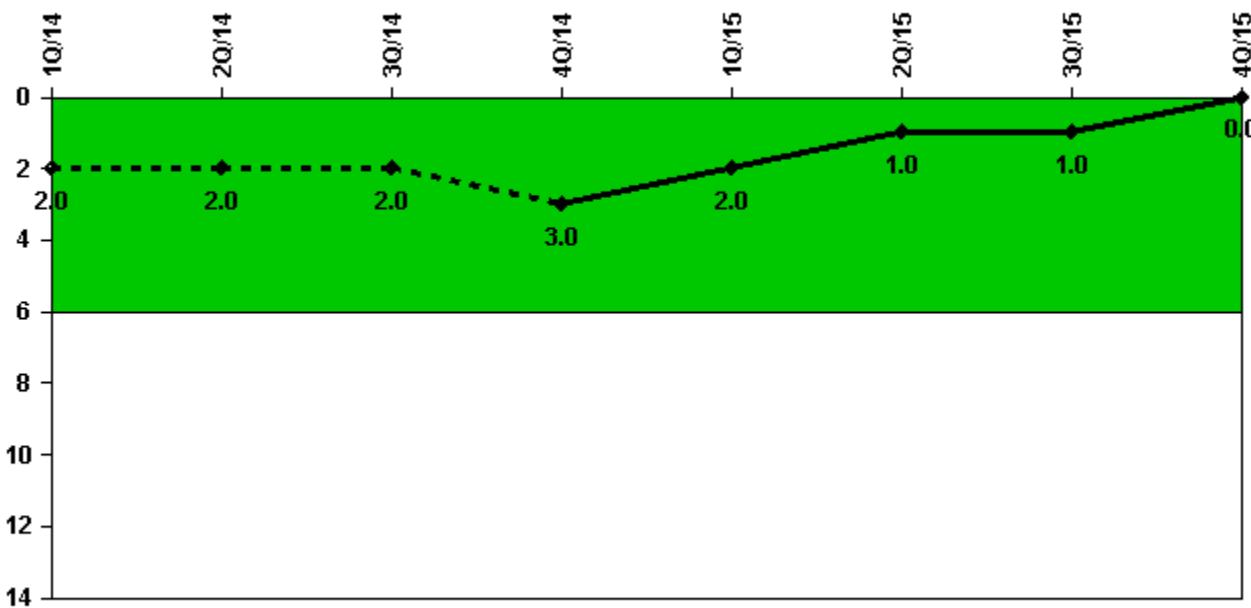
#### Notes

| Unplanned Scrams with Complications | 1Q/14      | 2Q/14      | 3Q/14      | 4Q/14      | 1Q/15      | 2Q/15      | 3Q/15      | 4Q/15      |
|-------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Scrams with complications           | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
|                                     |            |            |            |            |            |            |            |            |
|                                     |            |            |            |            |            |            |            |            |
| <b>Indicator value</b>              | <b>1.0</b> | <b>0.0</b> |

Licensee Comments: none

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## Safety System Functional Failures (BWR)



Thresholds: White > 6.0

### Notes

| Safety System Functional Failures (BWR) | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures       | 1     | 1     | 0     | 1     | 0     | 0     | 0     | 0     |
| Indicator value                         | 2     | 2     | 2     | 3     | 2     | 1     | 1     | 0     |

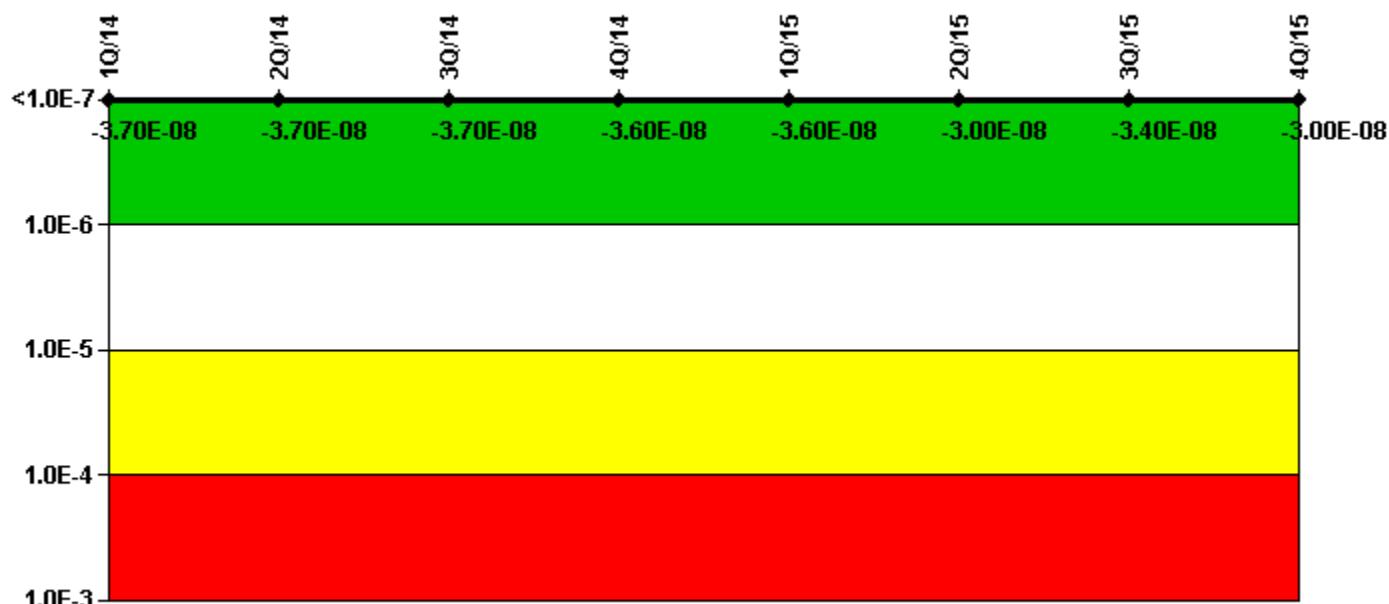
Licensee Comments:

4Q/14: LER 373-2014-004

2Q/14: LER 373-2014-002-00.

1Q/14: LER 373-2013-008-00. Also, Unit 1 Safety System Functional Failures for April 2013 were changed from 1 to 0, as an engineering evaluation determined that the secondary containment inoperability did not result in a loss of safety function as defined by NEI 99-02. See LER 373-2013-001-02. Unit 1 Safety System Functional Failures for June 2013 were changed from 2 to 1, as further review determined that the April LOOP event was not reportable under 10 CFR 50.73(a)(2)(v)(D). See LER 373-2013-002-02. Unit 1 Safety System Functional Failures for December 2013 were changed from 1 to 0, as an engineering evaluation determined that the secondary containment inoperability did not result in a loss of safety function as defined by NEI 99-02. See LER 373-2013-007-01.

## Mitigating Systems Performance Index, Emergency AC Power System



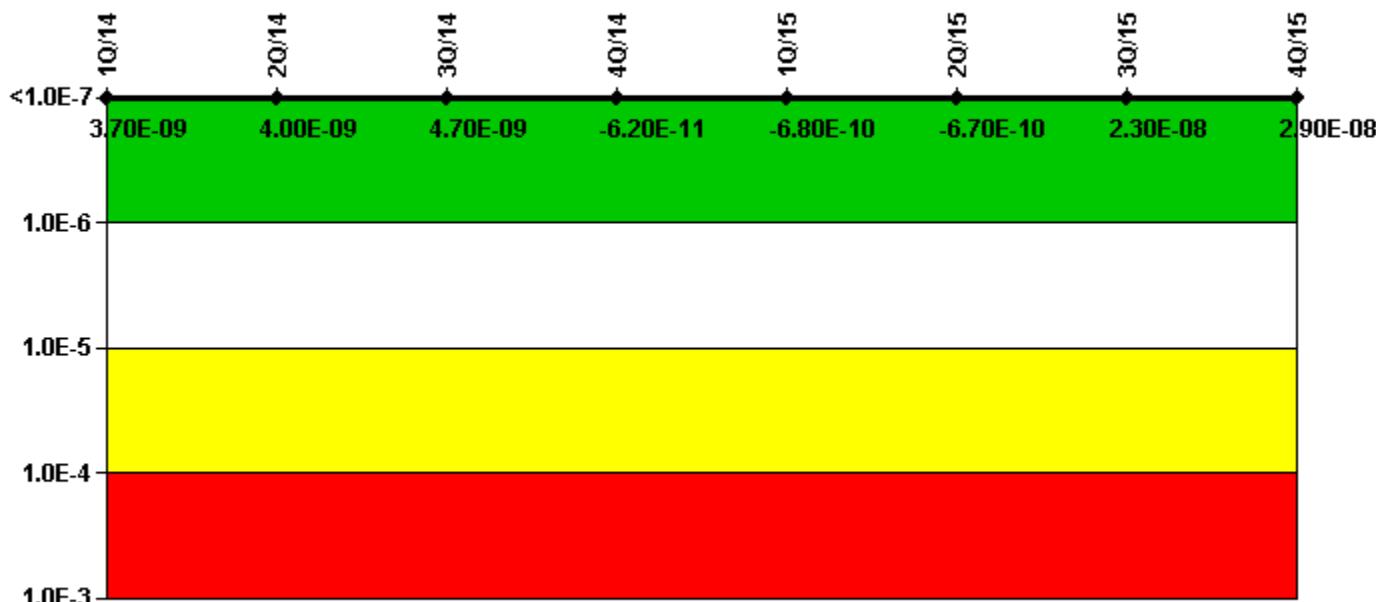
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 1Q/14            | 2Q/14            | 3Q/14            | 4Q/14            | 1Q/15            | 2Q/15            | 3Q/15            | 4Q/15            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)   | -6.29E-09        | -6.29E-09        | -6.29E-09        | -6.29E-09        | -6.29E-09        | -3.74E-10        | -4.38E-09        | 3.81E-10         |
| URI ( $\Delta$ CDF)   | -3.09E-08        | -3.06E-08        | -3.02E-08        | -2.99E-08        | -2.99E-08        | -2.99E-08        | -2.99E-08        | -2.99E-08        |
| PLE   | NO               |
| Indicator value   | <b>-3.70E-08</b> | <b>-3.70E-08</b> | <b>-3.70E-08</b> | <b>-3.60E-08</b> | <b>-3.60E-08</b> | <b>-3.00E-08</b> | <b>-3.40E-08</b> | <b>-3.00E-08</b> |

Licensee Comments: none

## Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

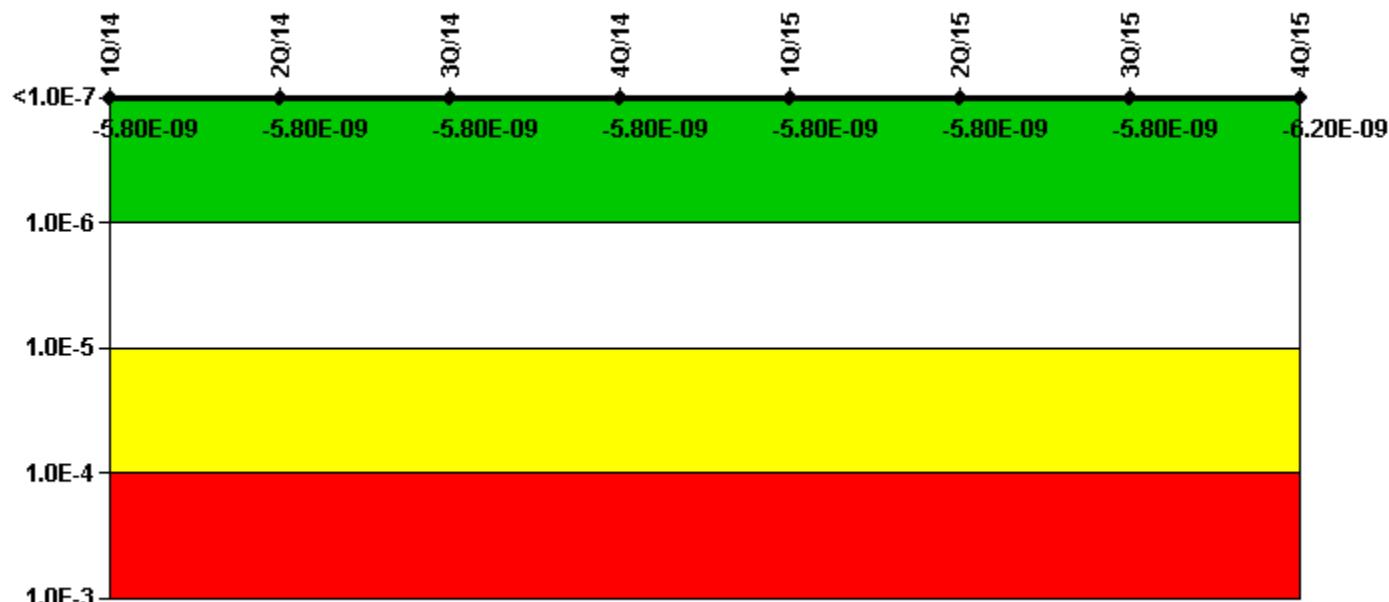
### Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 1Q/14           | 2Q/14           | 3Q/14           | 4Q/14            | 1Q/15            | 2Q/15            | 3Q/15           | 4Q/15           |
|--|-----------------|-----------------|-----------------|------------------|------------------|------------------|-----------------|-----------------|
| UAI ( $\Delta$ CDF)  | 1.75E-08        | 1.75E-08        | 1.79E-08        | 1.29E-08         | 1.23E-08         | 1.23E-08         | 3.58E-08        | 4.18E-08        |
| URI ( $\Delta$ CDF)  | -1.37E-08       | -1.35E-08       | -1.32E-08       | -1.30E-08        | -1.30E-08        | -1.30E-08        | -1.30E-08       | -1.30E-08       |
| PLE  | NO              | NO              | NO              | NO               | NO               | NO               | NO              | NO              |
| <b>Indicator value</b>   | <b>3.70E-09</b> | <b>4.00E-09</b> | <b>4.70E-09</b> | <b>-6.20E-11</b> | <b>-6.80E-10</b> | <b>-6.70E-10</b> | <b>2.30E-08</b> | <b>2.90E-08</b> |

### Licensee Comments:

1Q/14: An internal review identified a data entry error in 2nd Qtr 2013 critical hours for both Units. On Unit 1, the critical hours for April 2013 were increased from 432.5 to 490.2 hours. This changed the critical hours input into the Unplanned Scrams and Unplanned Power Changes per 7,000 Critical Hours indicators, and the MSPI indicators, as shown in the 1st Qtr 2014 Change File. Correction of the error did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

## Mitigating Systems Performance Index, Heat Removal System



Thresholds: White >  $1.00E-6$  Yellow >  $1.00E-5$  Red >  $1.00E-4$

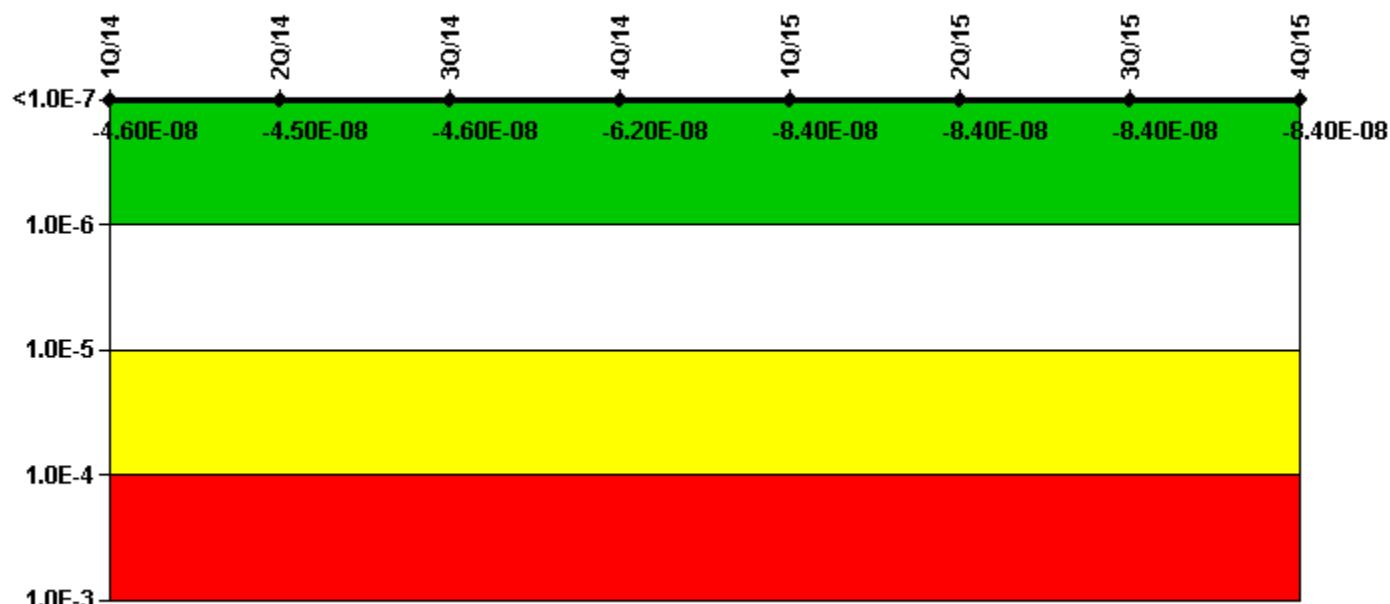
### Notes

| Mitigating Systems Performance Index, Heat Removal System | 1Q/14                         | 2Q/14                         | 3Q/14                         | 4Q/14                         | 1Q/15                         | 2Q/15                         | 3Q/15                         | 4Q/15                         |
|---|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| UAI ( $\Delta$ CDF)                                       | $-1.15E-09$                   | $-1.15E-09$                   | $-1.15E-09$                   | $-1.15E-09$                   | $-1.16E-09$                   | $-1.16E-09$                   | $-1.16E-09$                   | $-1.52E-09$                   |
| URI ( $\Delta$ CDF)                                       | $-4.66E-09$                   |
| PLE   | NO                            |
| <b>Indicator value</b>                                    | <b><math>-5.80E-09</math></b> | <b><math>-6.20E-09</math></b> |

### Licensee Comments:

1Q/14: An internal review identified a data entry error in 2nd Qtr 2013 critical hours for both Units. On Unit 1, the critical hours for April 2013 were increased from 432.5 to 490.2 hours. This changed the critical hours input into the Unplanned Scrams and Unplanned Power Changes per 7,000 Critical Hours indicators, and the MSPI indicators, as shown in the 1st Qtr 2014 Change File. Correction of the error did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

## Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

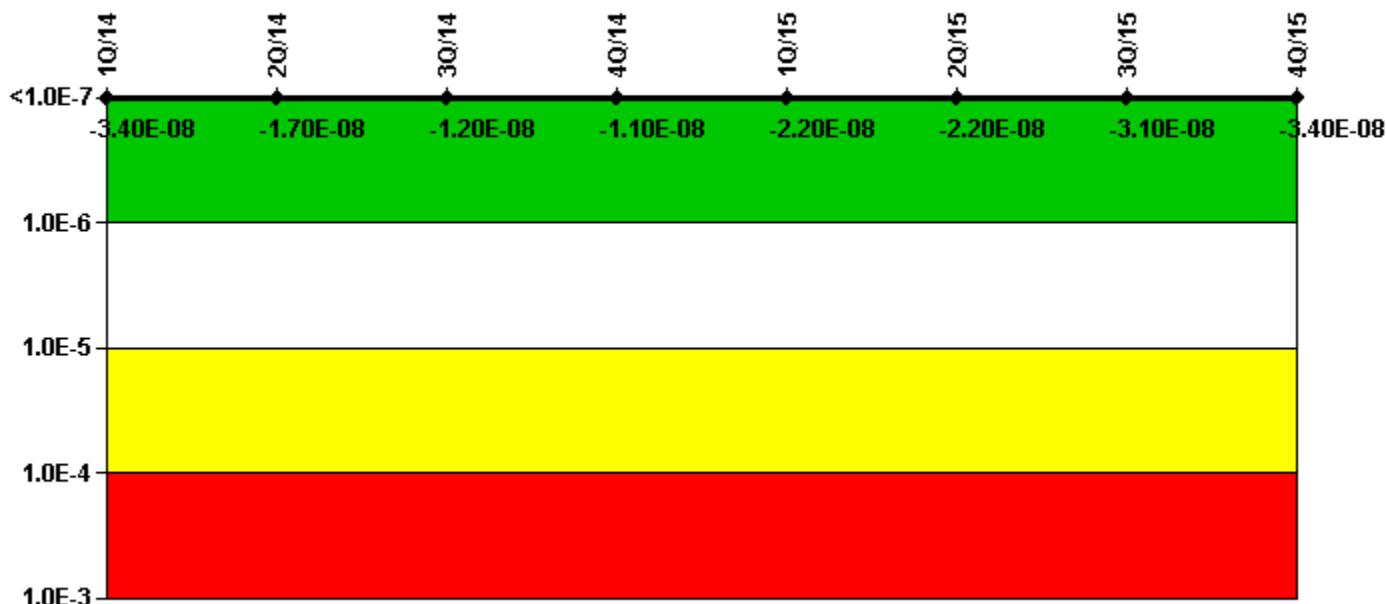
### Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 1Q/14            | 2Q/14            | 3Q/14            | 4Q/14            | 1Q/15            | 2Q/15            | 3Q/15            | 4Q/15            |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)  | 3.52E-09         | 4.07E-09         | 3.40E-09         | -1.31E-08        | -3.50E-08        | -3.50E-08        | -3.50E-08        | -3.50E-08        |
| URI ( $\Delta$ CDF)  | -4.94E-08        |
| PLE  | NO               |
| Indicator value  | <b>-4.60E-08</b> | <b>-4.50E-08</b> | <b>-4.60E-08</b> | <b>-6.20E-08</b> | <b>-8.40E-08</b> | <b>-8.40E-08</b> | <b>-8.40E-08</b> | <b>-8.40E-08</b> |

### Licensee Comments:

1Q/14: An internal review identified a data entry error in 2nd Qtr 2013 critical hours for both Units. On Unit 1, the critical hours for April 2013 were increased from 432.5 to 490.2 hours. This changed the critical hours input into the Unplanned Scrams and Unplanned Power Changes per 7,000 Critical Hours indicators, and the MSPI indicators, as shown in the 1st Qtr 2014 Change File. Correction of the error did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

## Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

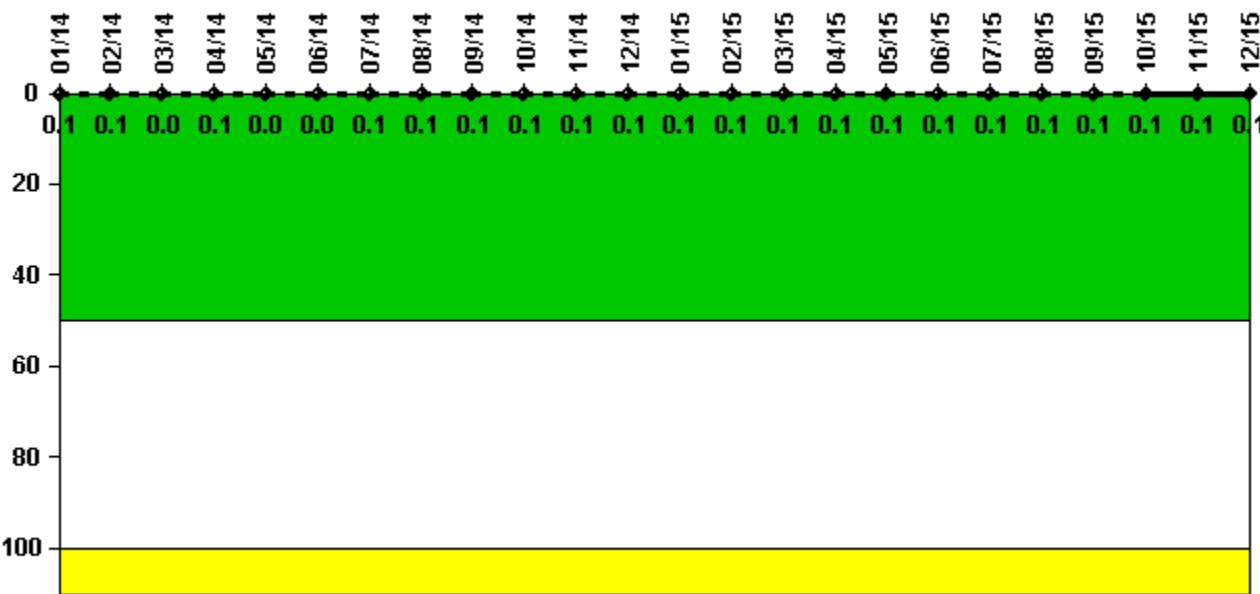
### Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 1Q/14            | 2Q/14            | 3Q/14            | 4Q/14            | 1Q/15            | 2Q/15            | 3Q/15            | 4Q/15            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)   | 2.95E-08         | 4.62E-08         | 5.11E-08         | 5.23E-08         | 4.11E-08         | 4.11E-08         | 3.22E-08         | 2.95E-08         |
| URI ( $\Delta$ CDF)   | -6.33E-08        |
| PLE   | NO               |
| <b>Indicator value</b>                                      | <b>-3.40E-08</b> | <b>-1.70E-08</b> | <b>-1.20E-08</b> | <b>-1.10E-08</b> | <b>-2.20E-08</b> | <b>-2.20E-08</b> | <b>-3.10E-08</b> | <b>-3.40E-08</b> |

### Licensee Comments:

1Q/14: An internal review identified a data entry error in 2nd Qtr 2013 critical hours for both Units. On Unit 1, the critical hours for April 2013 were increased from 432.5 to 490.2 hours. This changed the critical hours input into the Unplanned Scrams and Unplanned Power Changes per 7,000 Critical Hours indicators, and the MSPI indicators, as shown in the 1st Qtr 2014 Change File. Correction of the error did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

## Reactor Coolant System Activity

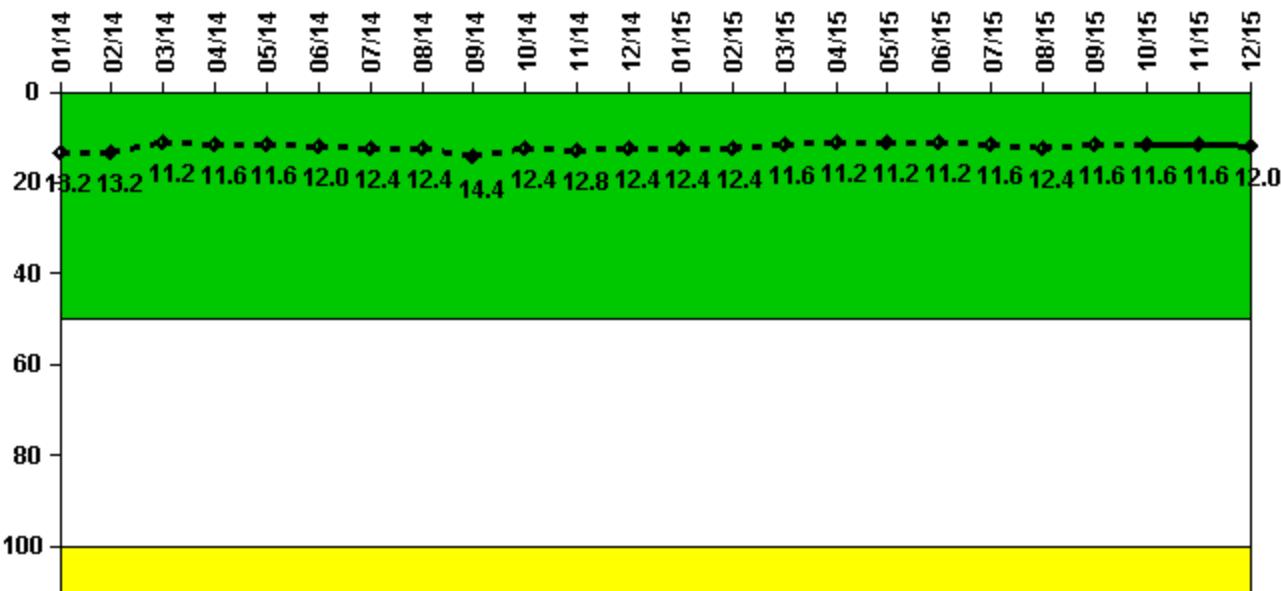


### Notes

| Reactor Coolant System Activity | 1/14     | 2/14     | 3/14     | 4/14     | 5/14     | 6/14     | 7/14     | 8/14     | 9/14     | 10/14    | 11/14    | 12/14    |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity                | 0.000151 | 0.000132 | 0.000059 | 0.000122 | 0.000078 | 0.000093 | 0.000161 | 0.000132 | 0.000123 | 0.000130 | 0.000128 | 0.000108 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0.1      | 0.1      | 0        | 0.1      | 0        | 0        | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      |
| Reactor Coolant System Activity | 1/15     | 2/15     | 3/15     | 4/15     | 5/15     | 6/15     | 7/15     | 8/15     | 9/15     | 10/15    | 11/15    | 12/15    |
| Maximum activity                | 0.000105 | 0.000122 | 0.000118 | 0.000142 | 0.000145 | 0.000190 | 0.000152 | 0.000187 | 0.000160 | 0.000135 | 0.000130 | 0.000133 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      |

Licensee Comments: none

### Reactor Coolant System Leakage



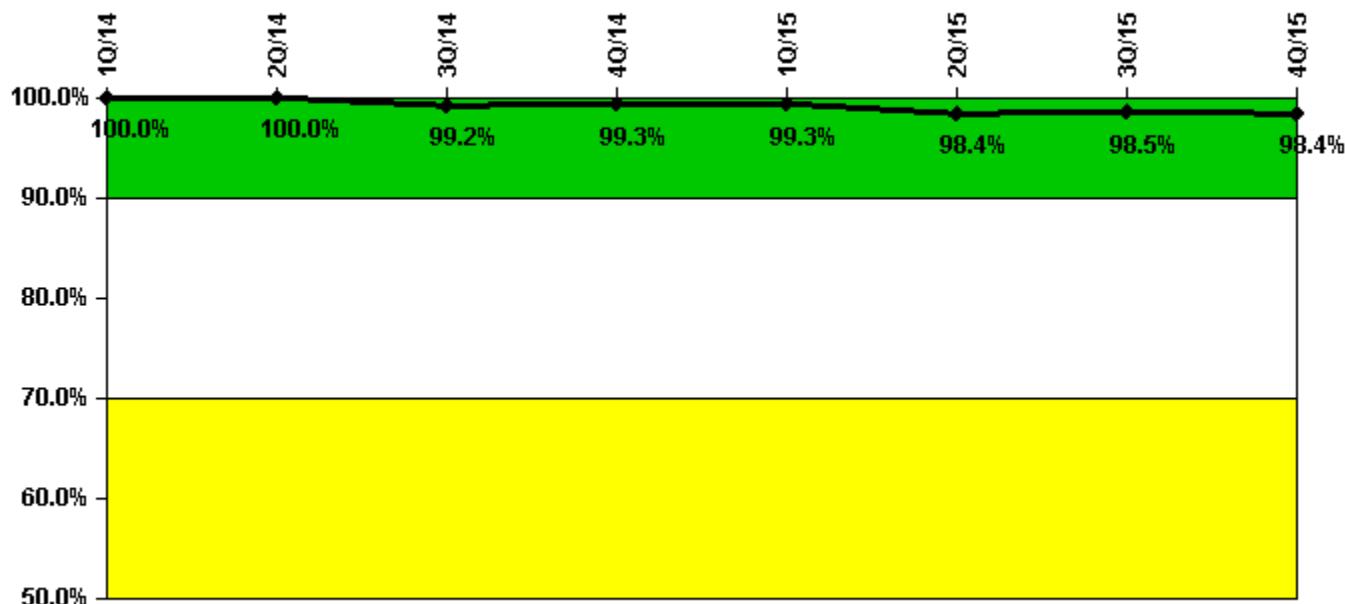
Thresholds: White > 50.0 Yellow > 100.0

#### Notes

| Reactor Coolant System Leakage | 1/14        | 2/14        | 3/14        | 4/14        | 5/14        | 6/14        | 7/14        | 8/14        | 9/14        | 10/14       | 11/14       | 12/14       |
|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Maximum leakage                | 3.300       | 3.300       | 2.800       | 2.900       | 2.900       | 3.000       | 3.100       | 3.100       | 3.600       | 3.100       | 3.200       | 3.100       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| Indicator value                | <b>13.2</b> | <b>13.2</b> | <b>11.2</b> | <b>11.6</b> | <b>11.6</b> | <b>12.0</b> | <b>12.4</b> | <b>12.4</b> | <b>14.4</b> | <b>12.4</b> | <b>12.8</b> | <b>12.4</b> |
| Reactor Coolant System Leakage | 1/15        | 2/15        | 3/15        | 4/15        | 5/15        | 6/15        | 7/15        | 8/15        | 9/15        | 10/15       | 11/15       | 12/15       |
| Maximum leakage                | 3.100       | 3.100       | 2.900       | 2.800       | 2.800       | 2.800       | 2.900       | 3.100       | 2.900       | 2.900       | 2.900       | 3.000       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| Indicator value                | <b>12.4</b> | <b>12.4</b> | <b>11.6</b> | <b>11.2</b> | <b>11.2</b> | <b>11.2</b> | <b>11.6</b> | <b>12.4</b> | <b>11.6</b> | <b>11.6</b> | <b>11.6</b> | <b>12.0</b> |

Licensee Comments: none

### Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

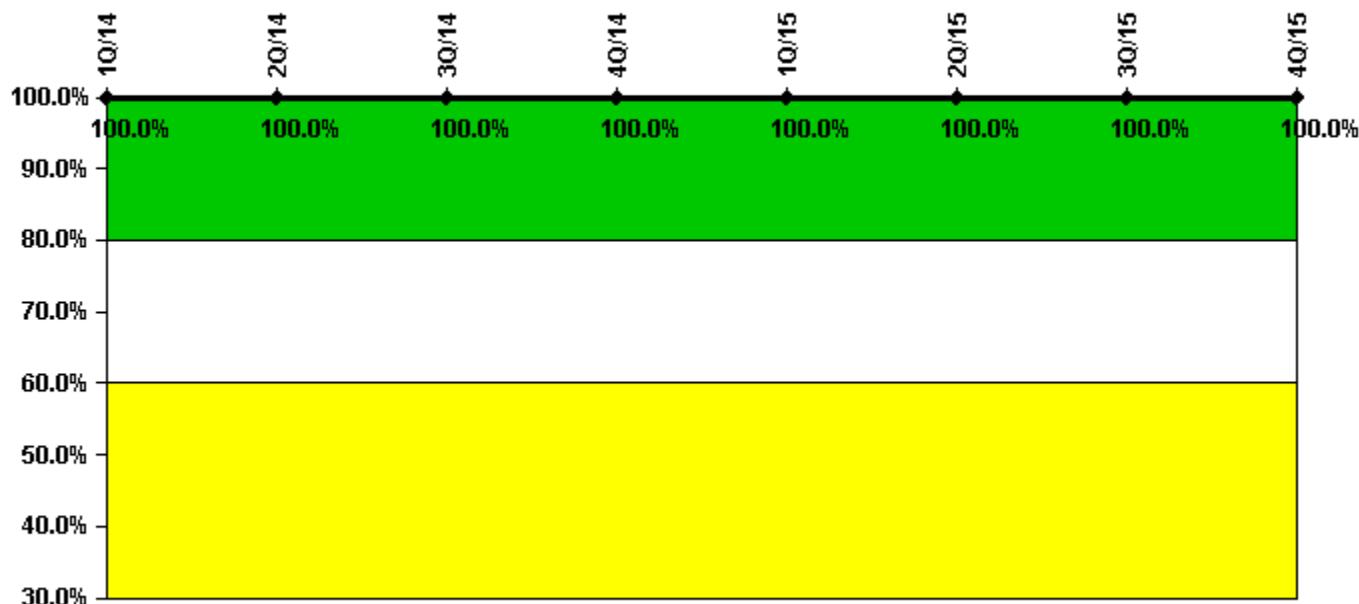
| Drill/Exercise Performance | 1Q/14         | 2Q/14         | 3Q/14        | 4Q/14        | 1Q/15        | 2Q/15        | 3Q/15        | 4Q/15        |
|----------------------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful opportunities   | 17.0          | 36.0          | 48.0         | 42.0         | 46.0         | 105.0        | 62.0         | 63.0         |
| Total opportunities        | 17.0          | 36.0          | 50.0         | 42.0         | 46.0         | 109.0        | 62.0         | 64.0         |
| <b>Indicator value</b>     | <b>100.0%</b> | <b>100.0%</b> | <b>99.2%</b> | <b>99.3%</b> | <b>99.3%</b> | <b>98.4%</b> | <b>98.5%</b> | <b>98.4%</b> |

#### Licensee Comments:

4Q/15: During an internal assessment, it was discovered that credit was taken in April 2015 for an opportunity that should not have been counted. This was corrected by decreasing the number of total drill, exercise and event opportunities from 51 to 50 for April 2015. This issue, which did not result in a change to performance indicator color, has been entered into the corrective action program.

2Q/14: An internal review identified additional drill/exercise performance opportunities that should have been counted in the 4th quarter 2013. For October 2013 the number of both the total and successful opportunities was increased from 12 to 16. This correction did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

### **ERO Drill Participation**



Thresholds: White < 80.0% Yellow < 60.0%

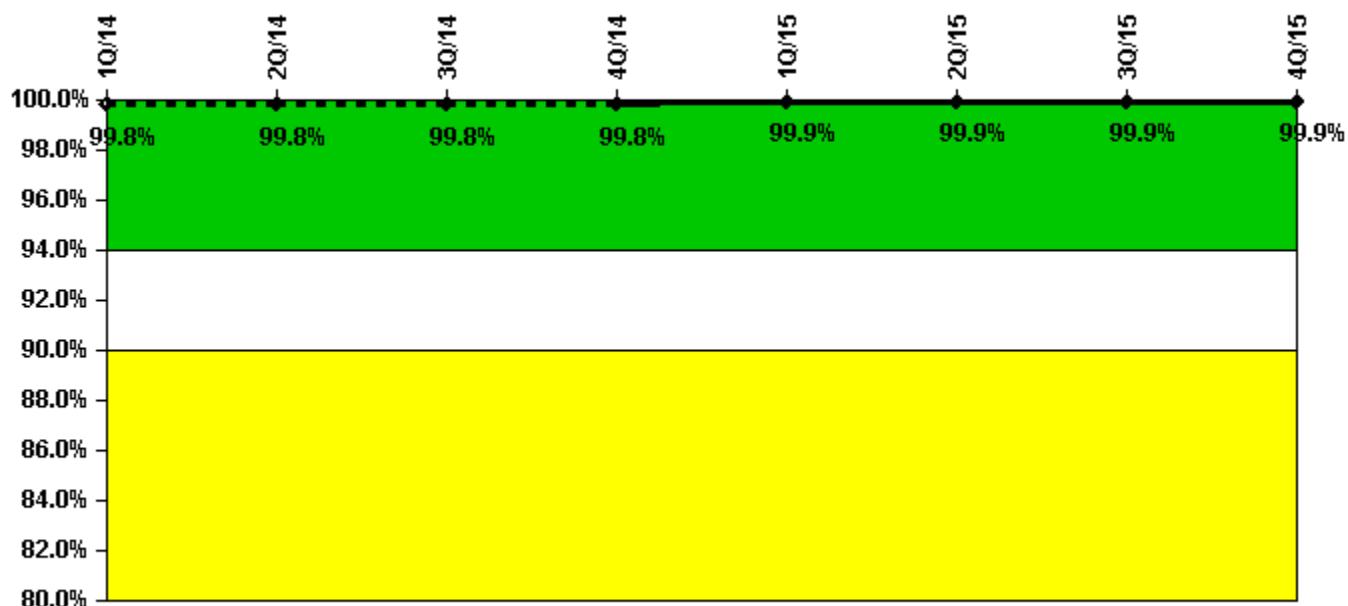
#### **Notes**

| <b>ERO Drill Participation</b> | <b>1Q/14</b>  | <b>2Q/14</b>  | <b>3Q/14</b>  | <b>4Q/14</b>  | <b>1Q/15</b>  | <b>2Q/15</b>  | <b>3Q/15</b>  | <b>4Q/15</b>  |
|--------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Participating Key personnel    | 65.0          | 62.0          | 65.0          | 69.0          | 69.0          | 68.0          | 68.0          | 67.0          |
| Total Key personnel            | 65.0          | 62.0          | 65.0          | 69.0          | 69.0          | 68.0          | 68.0          | 67.0          |
| <b>Indicator value</b>         | <b>100.0%</b> |

#### Licensee Comments:

1Q/15: During an internal assessment, it was discovered that one individual was inadvertently counted as a participating ERO member from May to December 2014. This was corrected by decreasing the number of total and participating key personnel by one for the months in question. This issue, which did not result in a change to performance indicator color, has been entered into the corrective action program.

## Alert & Notification System



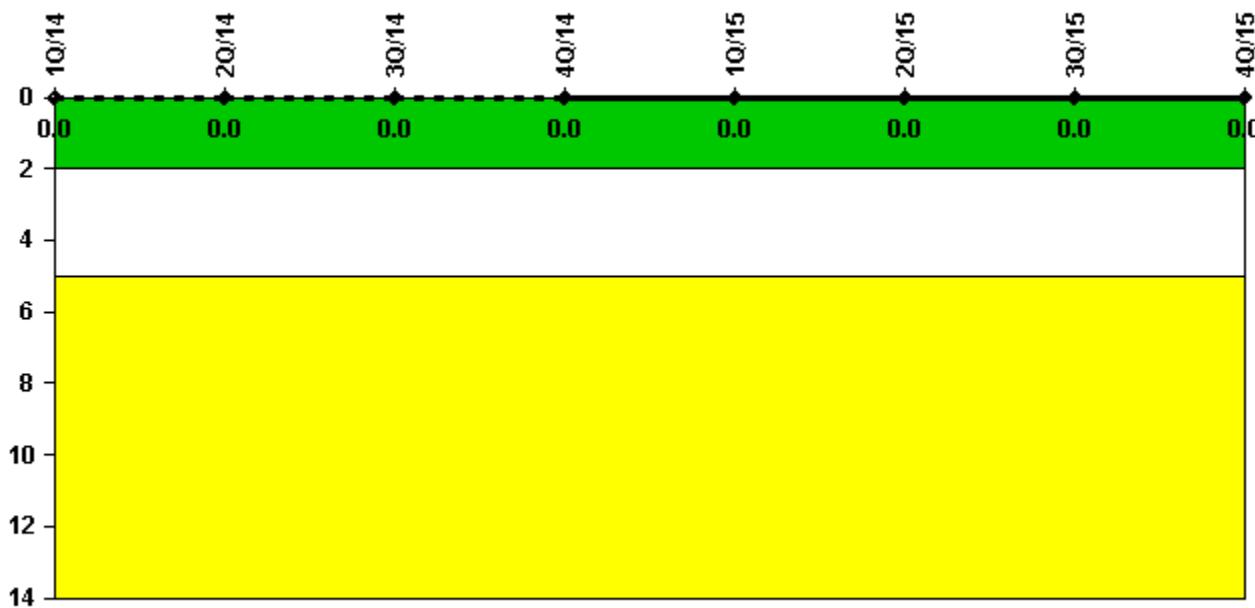
Thresholds: White < 94.0% Yellow < 90.0%

### Notes

| Alert & Notification System | 1Q/14        | 2Q/14        | 3Q/14        | 4Q/14        | 1Q/15        | 2Q/15        | 3Q/15        | 4Q/15        |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests      | 2131         | 2171         | 2174         | 2175         | 2138         | 2173         | 2208         | 2175         |
| Total sirens-tests          | 2142         | 2176         | 2176         | 2176         | 2142         | 2176         | 2210         | 2176         |
| <b>Indicator value</b>      | <b>99.8%</b> | <b>99.8%</b> | <b>99.8%</b> | <b>99.8%</b> | <b>99.9%</b> | <b>99.9%</b> | <b>99.9%</b> | <b>99.9%</b> |

Licensee Comments: none

## **Occupational Exposure Control Effectiveness**



Thresholds: White > 2.0 Yellow > 5.0

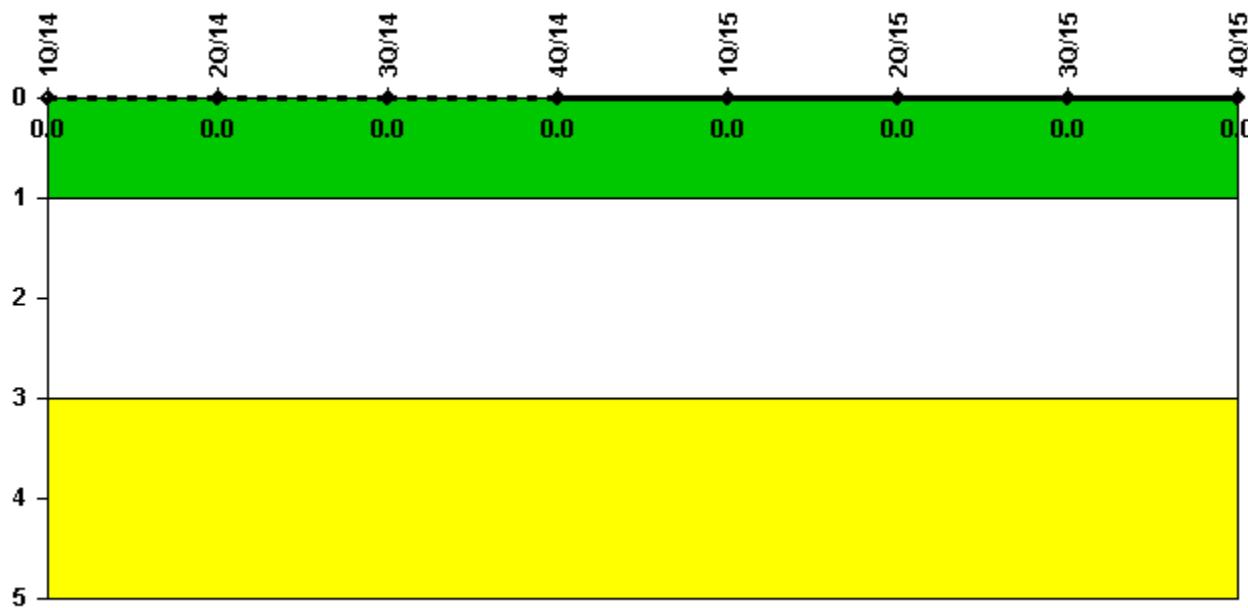
### **Notes**

| <b>Occupational Exposure Control Effectiveness</b> | <b>1Q/14</b> | <b>2Q/14</b> | <b>3Q/14</b> | <b>4Q/14</b> | <b>1Q/15</b> | <b>2Q/15</b> | <b>3Q/15</b> | <b>4Q/15</b> |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| High radiation area occurrences                    | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| Very high radiation area occurrences               | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| Unintended exposure occurrences                    | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| <b>Indicator value</b>                             | <b>0</b>     |

Licensee Comments: none

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## RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

### Notes

| RETS/ODCM Radiological Effluent | 1Q/14    | 2Q/14    | 3Q/14    | 4Q/14    | 1Q/15    | 2Q/15    | 3Q/15    | 4Q/15    |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| RETS/ODCM occurrences           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>          | <b>0</b> |

Licensee Comments: none

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Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

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[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

*Last Modified: March 1, 2016*

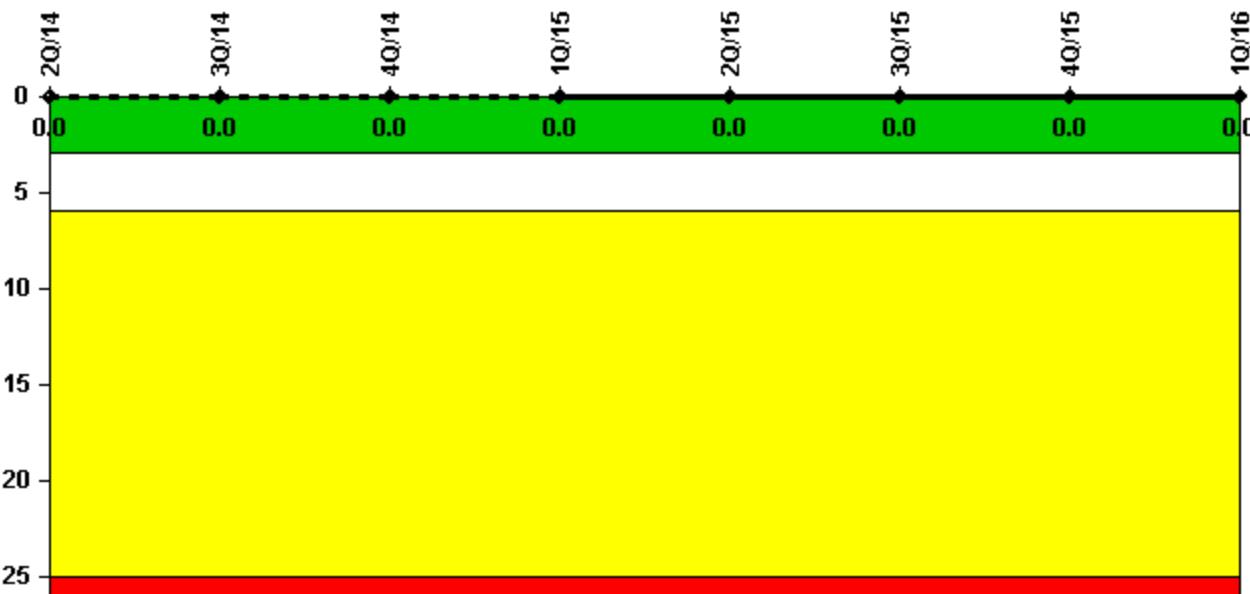
# La Salle 1

## 1Q/2016 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



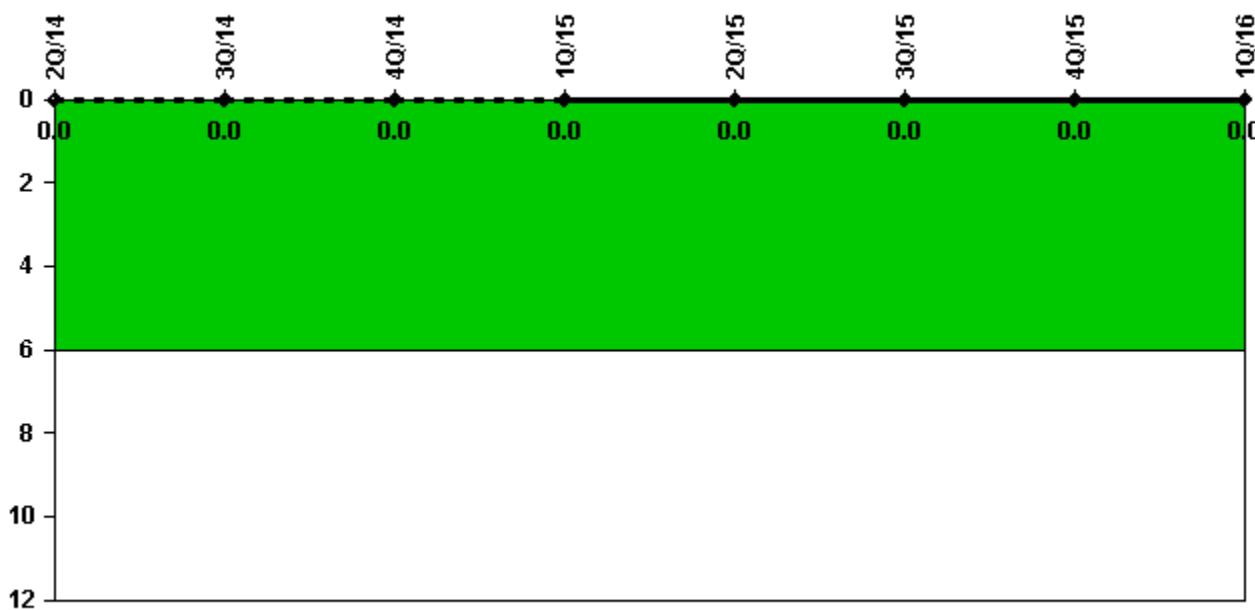
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

| Unplanned Scrams per 7000 Critical Hrs | 2Q/14  | 3Q/14  | 4Q/14  | 1Q/15  | 2Q/15  | 3Q/15  | 4Q/15  | 1Q/16  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Critical hours                         | 2184.0 | 2208.0 | 2041.7 | 2159.0 | 2184.0 | 2208.0 | 2209.0 | 1484.7 |
| Indicator value                        | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |

Licensee Comments: none

### **Unplanned Power Changes per 7000 Critical Hrs**



Thresholds: White > 6.0

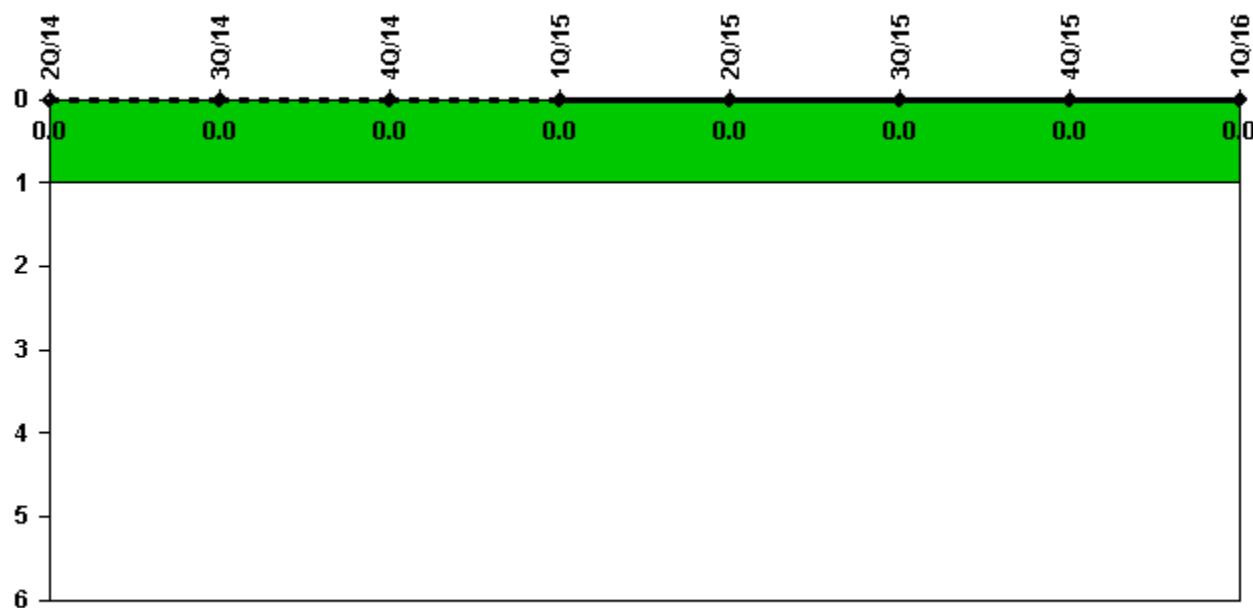
#### **Notes**

| <b>Unplanned Power Changes per 7000 Critical Hrs</b> | <b>2Q/14</b> | <b>3Q/14</b> | <b>4Q/14</b> | <b>1Q/15</b> | <b>2Q/15</b> | <b>3Q/15</b> | <b>4Q/15</b> | <b>1Q/16</b> |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Unplanned power changes                              | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| Critical hours                                       | 2184.0       | 2208.0       | 2041.7       | 2159.0       | 2184.0       | 2208.0       | 2209.0       | 1484.7       |
| <b>Indicator value</b>                               | <b>0</b>     |

Licensee Comments: none

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### **Unplanned Scrams with Complications**



Thresholds: White > 1.0

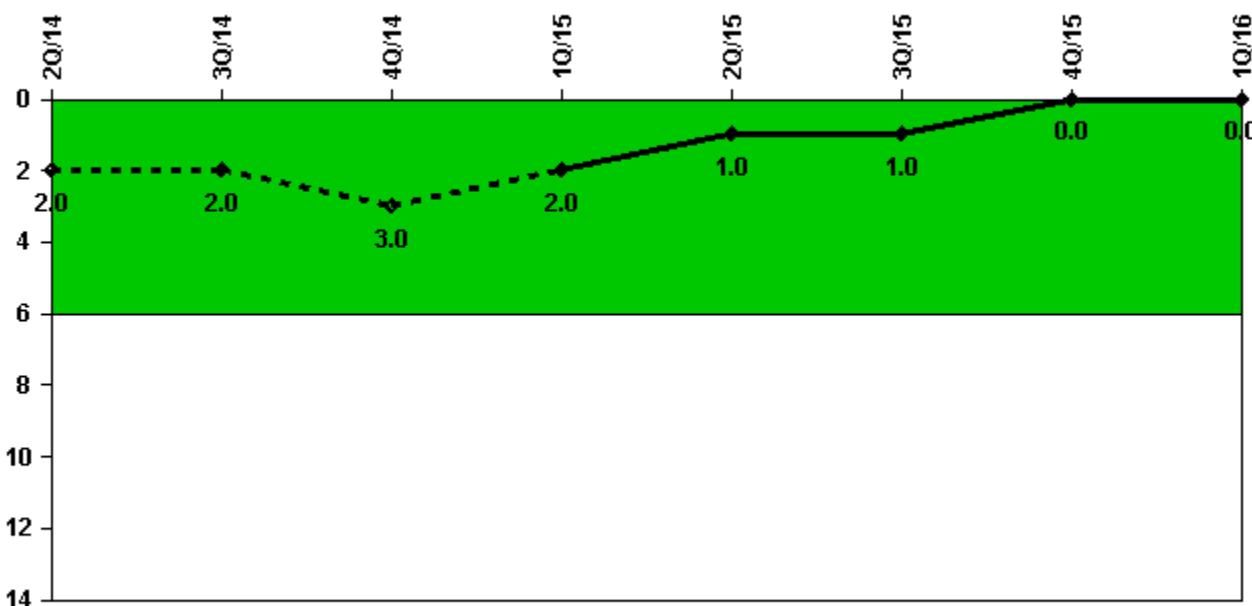
#### **Notes**

| <b>Unplanned Scrams with Complications</b> | <b>2Q/14</b> | <b>3Q/14</b> | <b>4Q/14</b> | <b>1Q/15</b> | <b>2Q/15</b> | <b>3Q/15</b> | <b>4Q/15</b> | <b>1Q/16</b> |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Scrams with complications                  | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
|  |              |              |              |              |              |              |              |              |
|  |              |              |              |              |              |              |              |              |
| <b>Indicator value</b>                     | <b>0.0</b>   |

Licensee Comments: none

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### **Safety System Functional Failures (BWR)**



Thresholds: White > 6.0

#### **Notes**

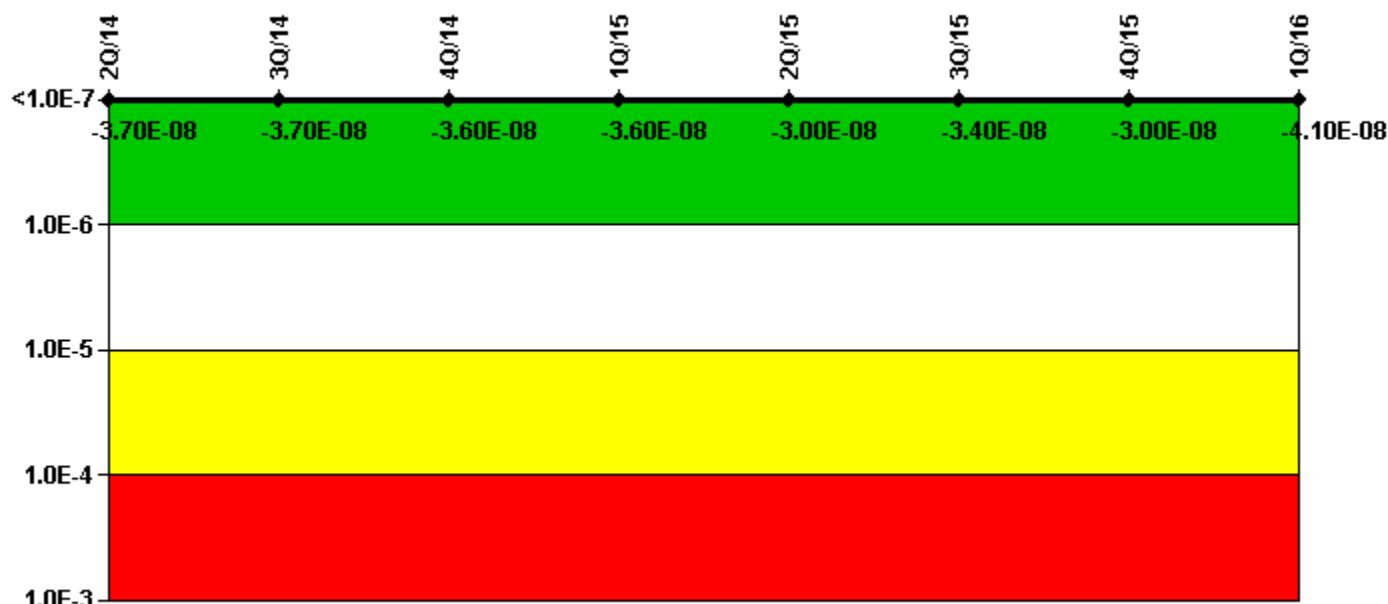
| <b>Safety System Functional Failures (BWR)</b> | <b>2Q/14</b> | <b>3Q/14</b> | <b>4Q/14</b> | <b>1Q/15</b> | <b>2Q/15</b> | <b>3Q/15</b> | <b>4Q/15</b> | <b>1Q/16</b> |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Safety System Functional Failures              | 1            | 0            | 1            | 0            | 0            | 0            | 0            | 0            |
| <b>Indicator value</b>                         | <b>2</b>     | <b>2</b>     | <b>3</b>     | <b>2</b>     | <b>1</b>     | <b>1</b>     | <b>0</b>     | <b>0</b>     |

Licensee Comments:

4Q/14: LER 373-2014-004

2Q/14: LER 373-2014-002-00.

## Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

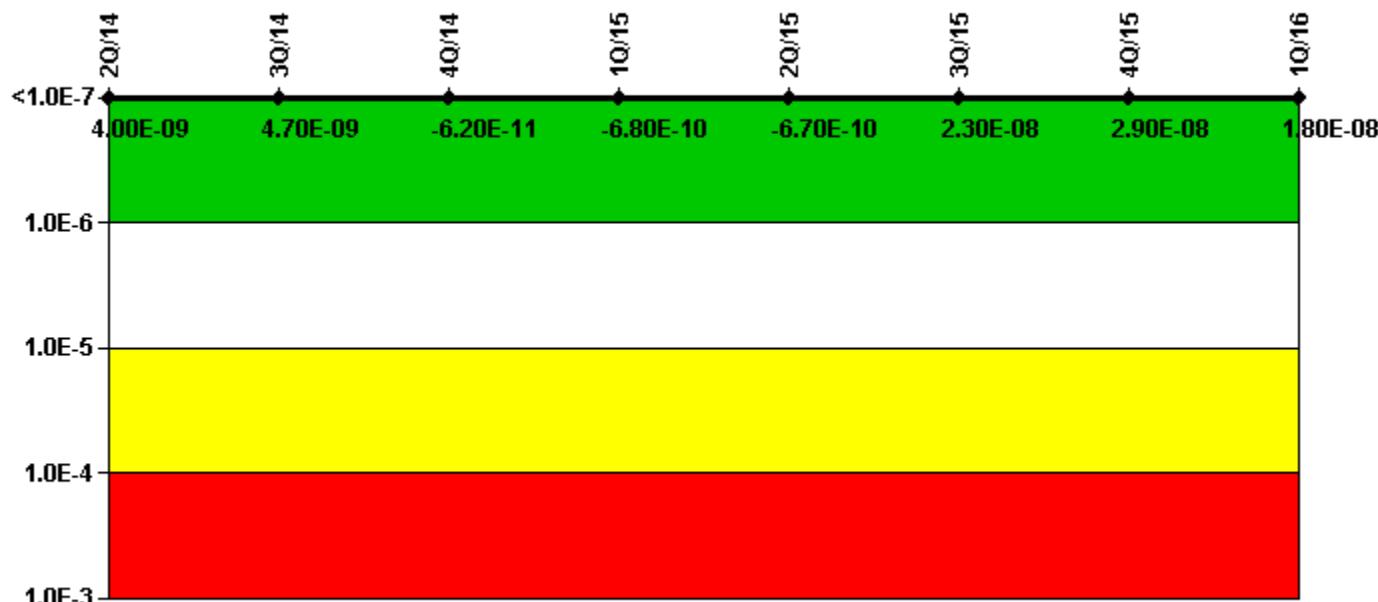
### Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 2Q/14            | 3Q/14            | 4Q/14            | 1Q/15            | 2Q/15            | 3Q/15            | 4Q/15            | 1Q/16            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)   | -6.29E-09        | -6.29E-09        | -6.29E-09        | -6.29E-09        | -3.74E-10        | -4.38E-09        | 3.81E-10         | -4.83E-09        |
| URI ( $\Delta$ CDF)   | -3.06E-08        | -3.02E-08        | -2.99E-08        | -2.99E-08        | -2.99E-08        | -2.99E-08        | -2.99E-08        | -3.65E-08        |
| PLE   | NO               |
| Indicator value   | <b>-3.70E-08</b> | <b>-3.70E-08</b> | <b>-3.60E-08</b> | <b>-3.60E-08</b> | <b>-3.00E-08</b> | <b>-3.40E-08</b> | <b>-3.00E-08</b> | <b>-4.10E-08</b> |

### Licensee Comments:

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented in the 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model.

## Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

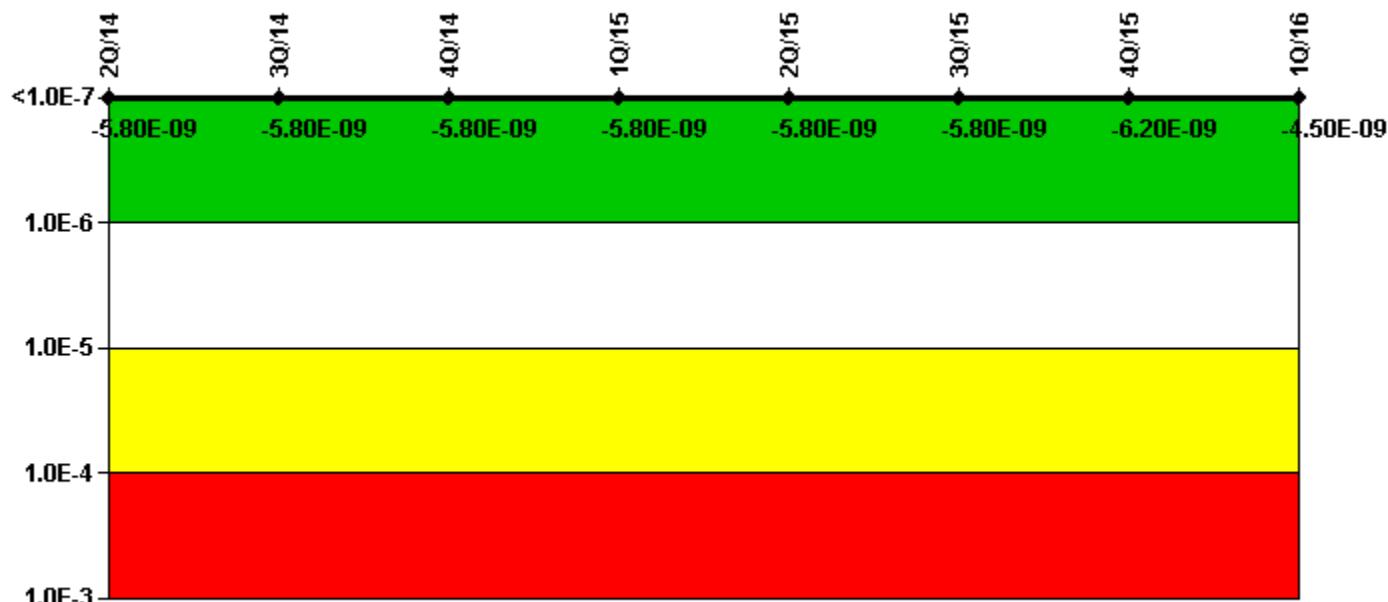
### Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 2Q/14           | 3Q/14           | 4Q/14            | 1Q/15            | 2Q/15            | 3Q/15           | 4Q/15           | 1Q/16           |
|--|-----------------|-----------------|------------------|------------------|------------------|-----------------|-----------------|-----------------|
| UAI ( $\Delta$ CDF)  | 1.75E-08        | 1.79E-08        | 1.29E-08         | 1.23E-08         | 1.23E-08         | 3.58E-08        | 4.18E-08        | 2.80E-08        |
| URI ( $\Delta$ CDF)  | -1.35E-08       | -1.32E-08       | -1.30E-08        | -1.30E-08        | -1.30E-08        | -1.30E-08       | -1.30E-08       | -1.02E-08       |
| PLE  | NO              | NO              | NO               | NO               | NO               | NO              | NO              | NO              |
| <b>Indicator value</b>   | <b>4.00E-09</b> | <b>4.70E-09</b> | <b>-6.20E-11</b> | <b>-6.80E-10</b> | <b>-6.70E-10</b> | <b>2.30E-08</b> | <b>2.90E-08</b> | <b>1.80E-08</b> |

### Licensee Comments:

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented in the 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model.

## Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

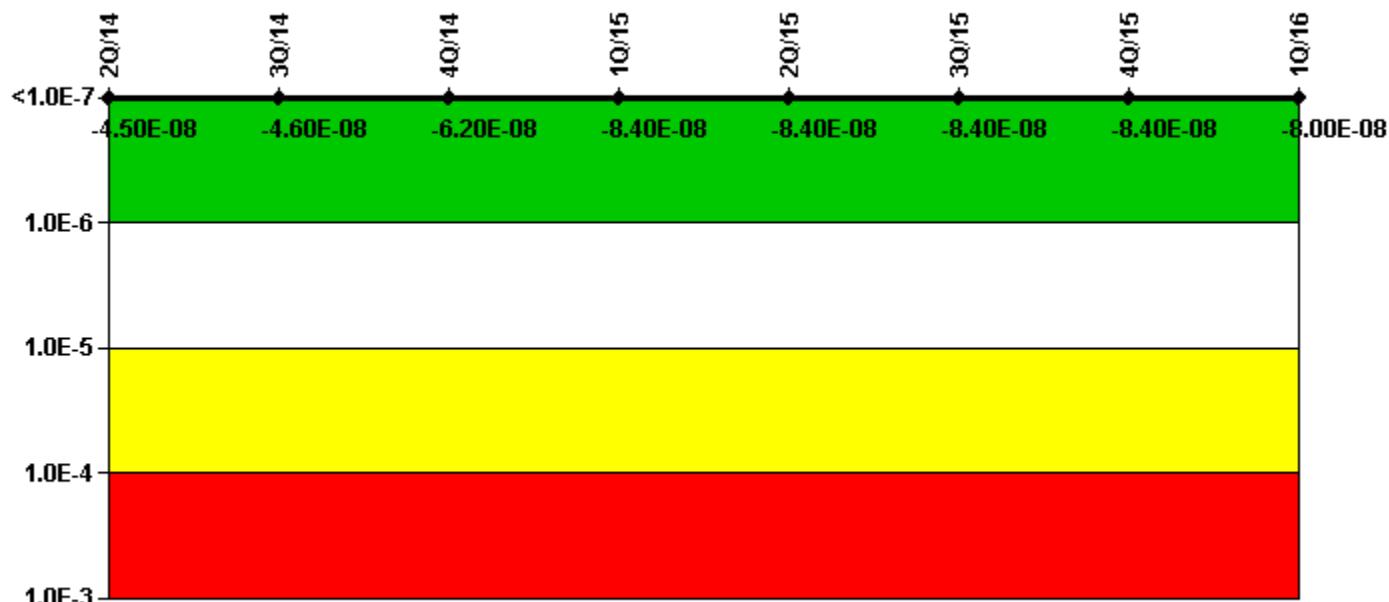
### Notes

| Mitigating Systems Performance Index, Heat Removal System | 2Q/14            | 3Q/14            | 4Q/14            | 1Q/15            | 2Q/15            | 3Q/15            | 4Q/15            | 1Q/16            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)                                       | -1.15E-09        | -1.15E-09        | -1.15E-09        | -1.16E-09        | -1.16E-09        | -1.16E-09        | -1.52E-09        | -9.25E-10        |
| URI ( $\Delta$ CDF)                                       | -4.66E-09        | -3.56E-09        |
| PLE   | NO               |
| <b>Indicator value</b>                                    | <b>-5.80E-09</b> | <b>-5.80E-09</b> | <b>-5.80E-09</b> | <b>-5.80E-09</b> | <b>-5.80E-09</b> | <b>-5.80E-09</b> | <b>-6.20E-09</b> | <b>-4.50E-09</b> |

### Licensee Comments:

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented in 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model.

## Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

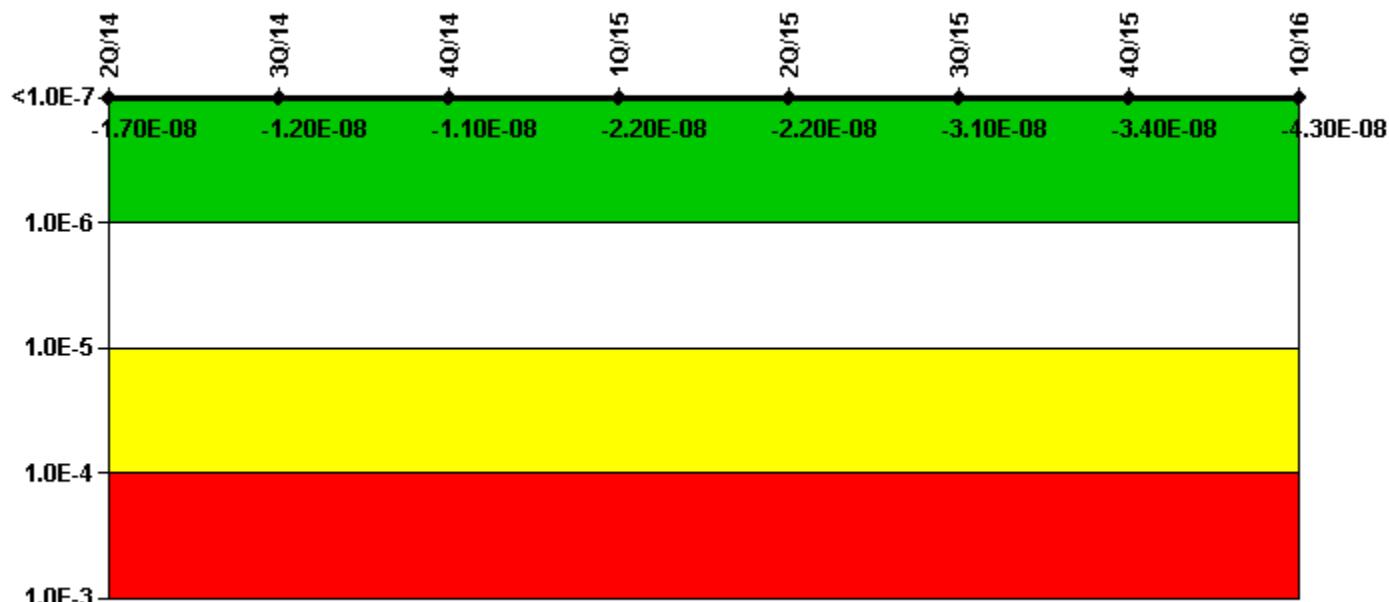
### Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 2Q/14            | 3Q/14            | 4Q/14            | 1Q/15            | 2Q/15            | 3Q/15            | 4Q/15            | 1Q/16            |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)  | 4.07E-09         | 3.40E-09         | -1.31E-08        | -3.50E-08        | -3.50E-08        | -3.50E-08        | -3.50E-08        | -3.42E-08        |
| URI ( $\Delta$ CDF)  | -4.94E-08        | -4.58E-08        |
| PLE  | NO               |
| Indicator value  | <b>-4.50E-08</b> | <b>-4.60E-08</b> | <b>-6.20E-08</b> | <b>-8.40E-08</b> | <b>-8.40E-08</b> | <b>-8.40E-08</b> | <b>-8.40E-08</b> | <b>-8.00E-08</b> |

Licensee Comments:

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented in 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model.

## Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

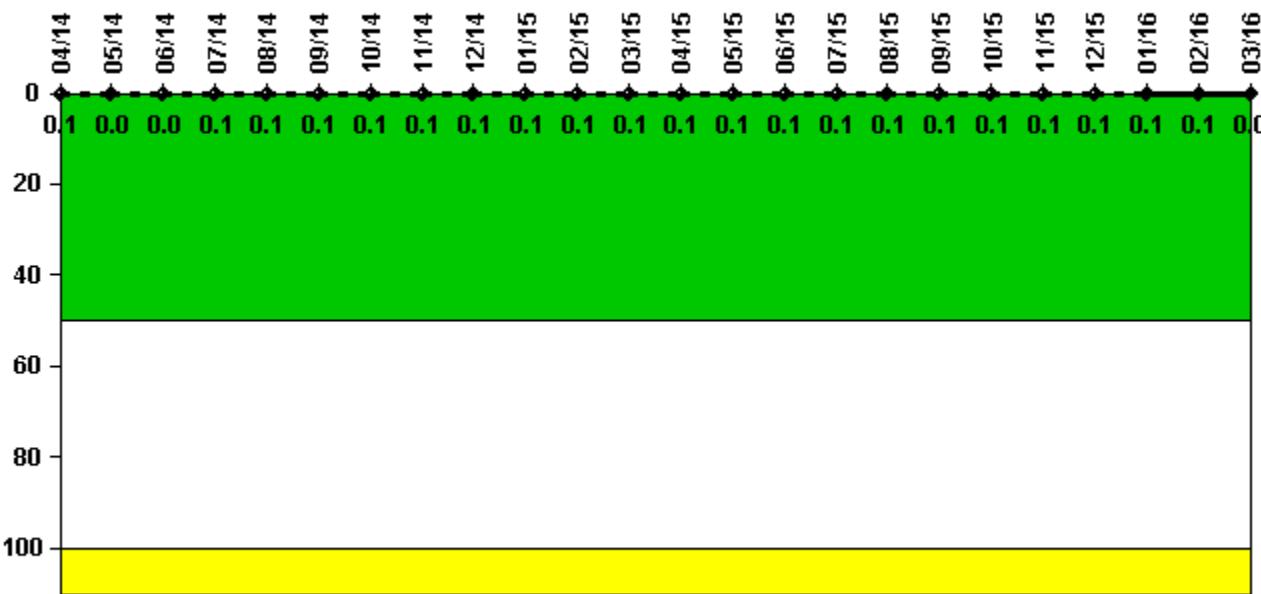
### Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 2Q/14            | 3Q/14            | 4Q/14            | 1Q/15            | 2Q/15            | 3Q/15            | 4Q/15            | 1Q/16            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)   | 4.62E-08         | 5.11E-08         | 5.23E-08         | 4.11E-08         | 4.11E-08         | 3.22E-08         | 2.95E-08         | 8.19E-09         |
| URI ( $\Delta$ CDF)   | -6.33E-08        | -5.17E-08        |
| PLE   | NO               |
| <b>Indicator value</b>                                      | <b>-1.70E-08</b> | <b>-1.20E-08</b> | <b>-1.10E-08</b> | <b>-2.20E-08</b> | <b>-2.20E-08</b> | <b>-3.10E-08</b> | <b>-3.40E-08</b> | <b>-4.30E-08</b> |

Licensee Comments:

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented for 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model.

## Reactor Coolant System Activity



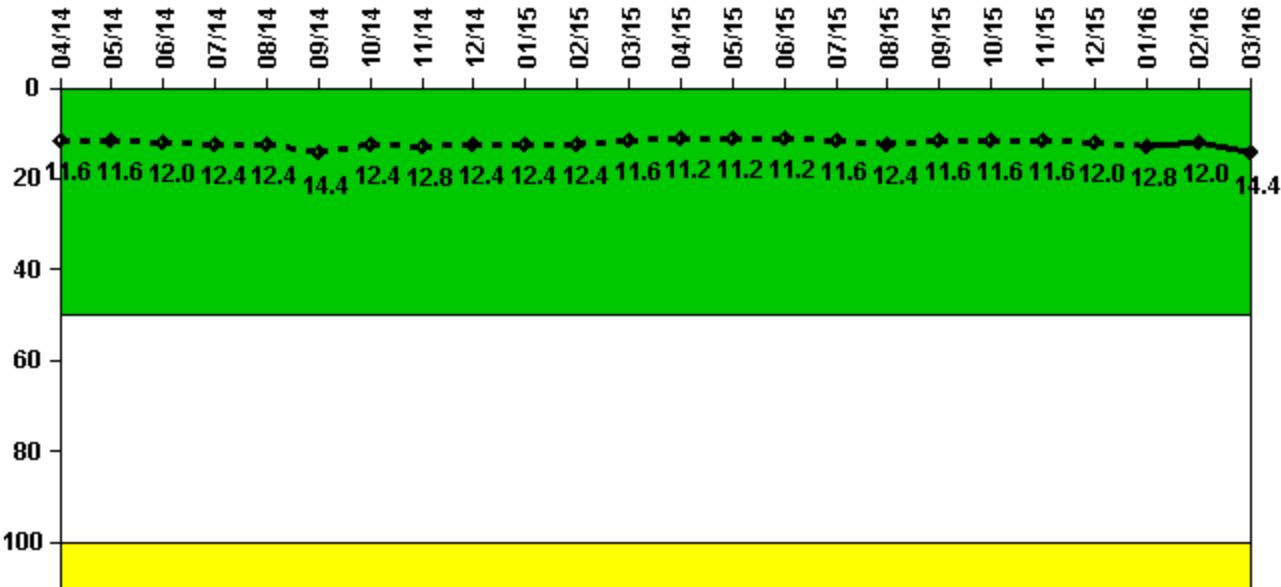
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Activity | 4/14     | 5/14     | 6/14     | 7/14     | 8/14     | 9/14     | 10/14    | 11/14    | 12/14    | 1/15     | 2/15     | 3/15     |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity                | 0.000122 | 0.000078 | 0.000093 | 0.000161 | 0.000132 | 0.000123 | 0.000130 | 0.000128 | 0.000108 | 0.000105 | 0.000122 | 0.000118 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0.1      | 0        | 0        | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      |
| Reactor Coolant System Activity | 4/15     | 5/15     | 6/15     | 7/15     | 8/15     | 9/15     | 10/15    | 11/15    | 12/15    | 1/16     | 2/16     | 3/16     |
| Maximum activity                | 0.000142 | 0.000145 | 0.000190 | 0.000152 | 0.000187 | 0.000160 | 0.000135 | 0.000130 | 0.000133 | 0.000115 | 0.000110 | 0.000048 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0        |

Licensee Comments: none

### Reactor Coolant System Leakage



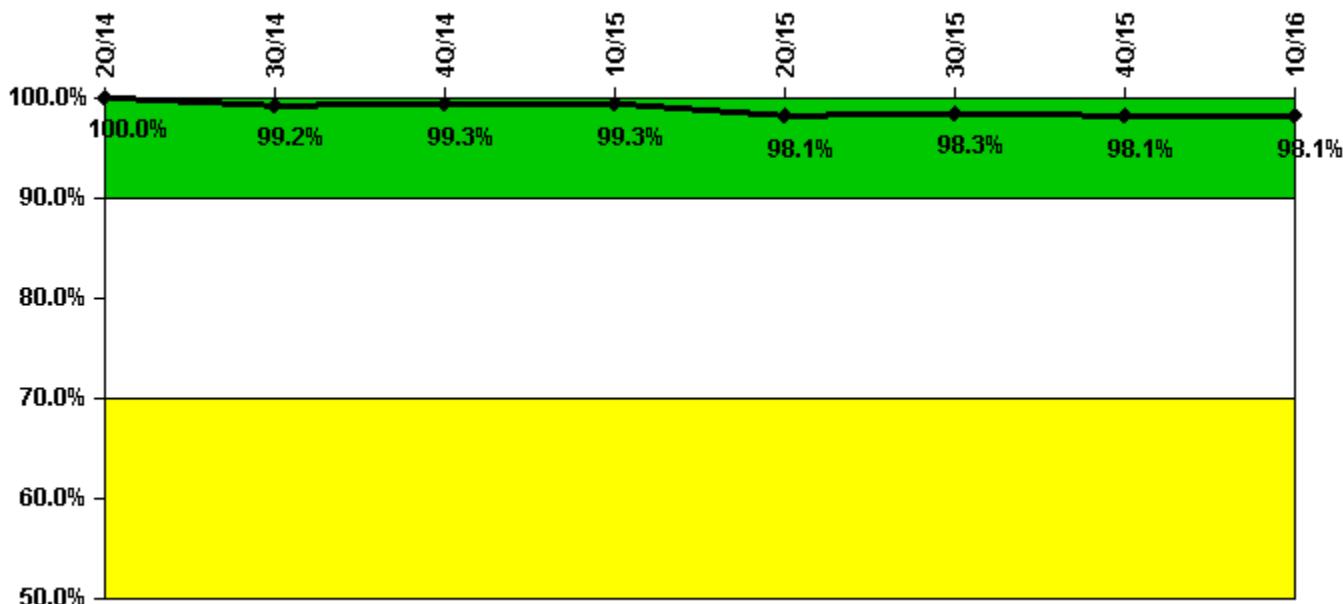
Thresholds: White > 50.0 Yellow > 100.0

#### Notes

| Reactor Coolant System Leakage | 4/14        | 5/14        | 6/14        | 7/14        | 8/14        | 9/14        | 10/14       | 11/14       | 12/14       | 1/15        | 2/15        | 3/15        |
|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Maximum leakage                | 2.900       | 2.900       | 3.000       | 3.100       | 3.100       | 3.600       | 3.100       | 3.200       | 3.100       | 3.100       | 3.100       | 2.900       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| <b>Indicator value</b>         | <b>11.6</b> | <b>11.6</b> | <b>12.0</b> | <b>12.4</b> | <b>12.4</b> | <b>14.4</b> | <b>12.4</b> | <b>12.8</b> | <b>12.4</b> | <b>12.4</b> | <b>12.4</b> | <b>11.6</b> |
| Reactor Coolant System Leakage | 4/15        | 5/15        | 6/15        | 7/15        | 8/15        | 9/15        | 10/15       | 11/15       | 12/15       | 1/16        | 2/16        | 3/16        |
| Maximum leakage                | 2.800       | 2.800       | 2.800       | 2.900       | 3.100       | 2.900       | 2.900       | 2.900       | 3.000       | 3.200       | 3.000       | 3.600       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| <b>Indicator value</b>         | <b>11.2</b> | <b>11.2</b> | <b>11.2</b> | <b>11.6</b> | <b>12.4</b> | <b>11.6</b> | <b>11.6</b> | <b>11.6</b> | <b>12.0</b> | <b>12.8</b> | <b>12.0</b> | <b>14.4</b> |

Licensee Comments: none

### Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

| Drill/Exercise Performance | 2Q/14  | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 |
|----------------------------|--------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities   | 36.0   | 48.0  | 42.0  | 46.0  | 108.0 | 62.0  | 63.0  | 13.0  |
| Total opportunities        | 36.0   | 50.0  | 42.0  | 46.0  | 113.0 | 62.0  | 64.0  | 13.0  |
| Indicator value            | 100.0% | 99.2% | 99.3% | 99.3% | 98.1% | 98.3% | 98.1% | 98.1% |

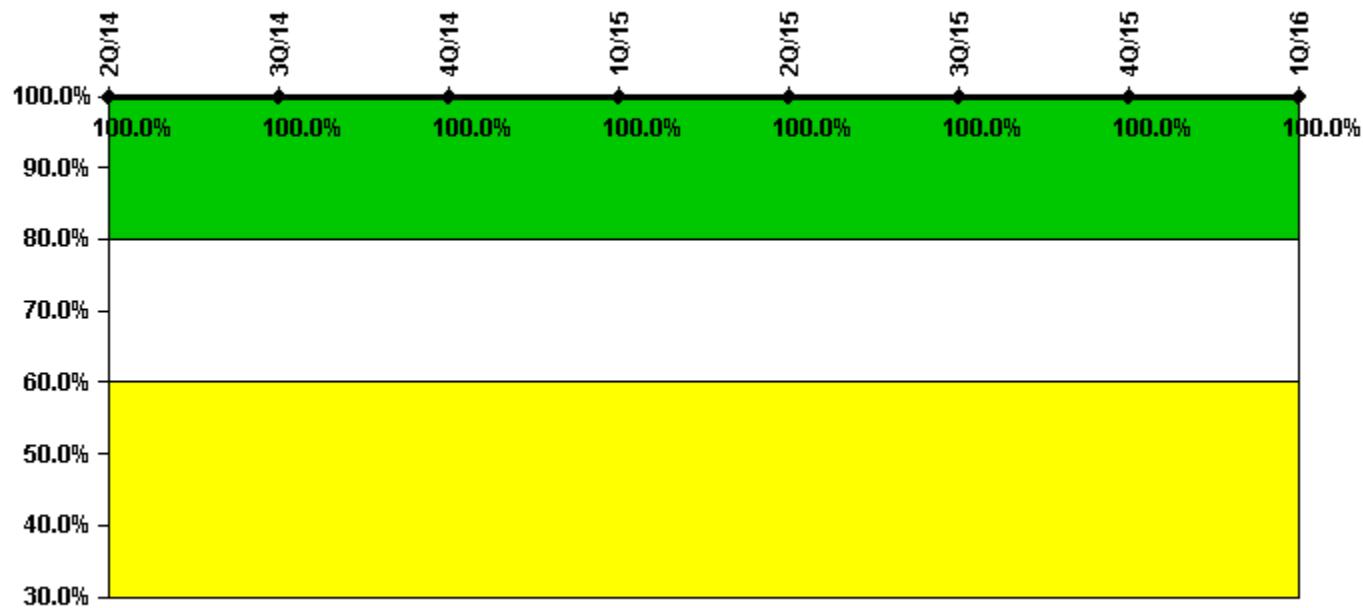
#### Licensee Comments:

1Q/16: During an internal assessment, it was discovered that credit taken in June 2015 did not include opportunities that should have been counted. This was corrected by increasing the number of successful drill, exercise & event opportunities from 32 to 35, and increasing the number of total drill, exercise & event opportunities from 32 to 36. This issue has been entered into the corrective action program and does not result in a change to the performance indicator color.

4Q/15: During an internal assessment, it was discovered that credit was taken in April 2015 for an opportunity that should not have been counted. This was corrected by decreasing the number of total drill, exercise and event opportunities from 51 to 50 for April 2015. This issue, which did not result in a change to performance indicator color, has been entered into the corrective action program.

2Q/14: An internal review identified additional drill/exercise performance opportunities that should have been counted in the 4th quarter 2013. For October 2013 the number of both the total and successful opportunities was increased from 12 to 16. This correction did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

### **ERO Drill Participation**



Thresholds: White < 80.0% Yellow < 60.0%

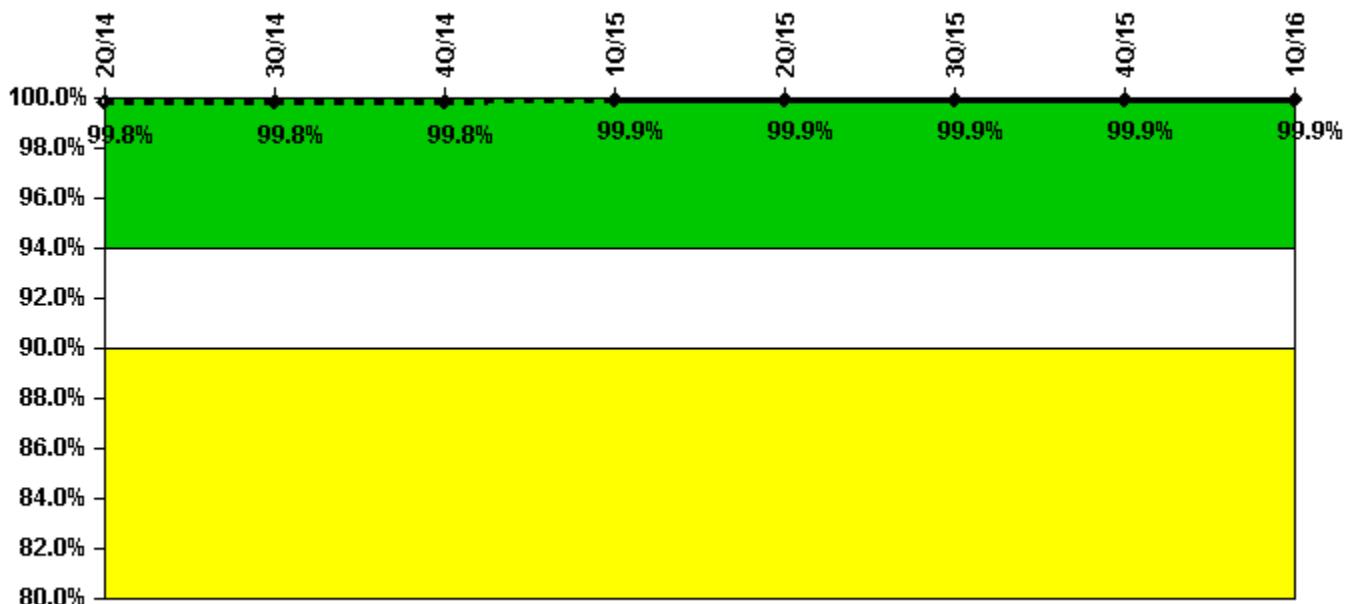
#### **Notes**

| <b>ERO Drill Participation</b> | <b>2Q/14</b>  | <b>3Q/14</b>  | <b>4Q/14</b>  | <b>1Q/15</b>  | <b>2Q/15</b>  | <b>3Q/15</b>  | <b>4Q/15</b>  | <b>1Q/16</b>  |
|--------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Participating Key personnel    | 62.0          | 65.0          | 69.0          | 69.0          | 68.0          | 68.0          | 67.0          | 65.0          |
| Total Key personnel            | 62.0          | 65.0          | 69.0          | 69.0          | 68.0          | 68.0          | 67.0          | 65.0          |
| <b>Indicator value</b>         | <b>100.0%</b> |

#### Licensee Comments:

1Q/15: During an internal assessment, it was discovered that one individual was inadvertently counted as a participating ERO member from May to December 2014. This was corrected by decreasing the number of total and participating key personnel by one for the months in question. This issue, which did not result in a change to performance indicator color, has been entered into the corrective action program.

## Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

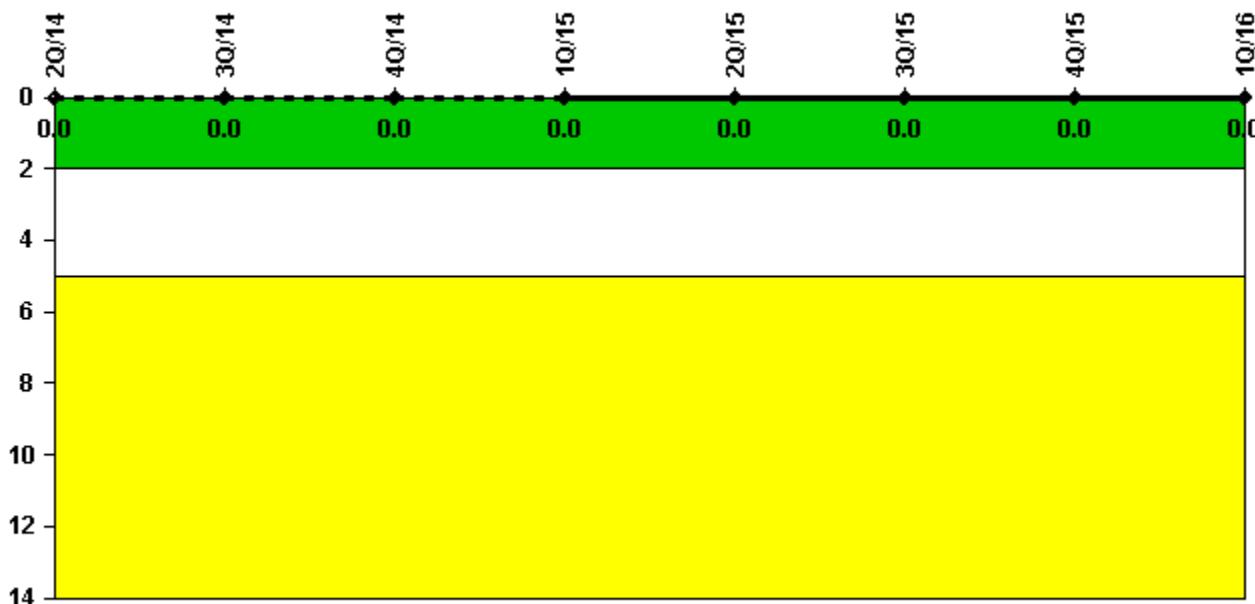
### Notes

| Alert & Notification System | 2Q/14        | 3Q/14        | 4Q/14        | 1Q/15        | 2Q/15        | 3Q/15        | 4Q/15        | 1Q/16        |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests      | 2171         | 2174         | 2175         | 2138         | 2173         | 2208         | 2175         | 2175         |
| Total sirens-tests          | 2176         | 2176         | 2176         | 2142         | 2176         | 2210         | 2176         | 2176         |
| <b>Indicator value</b>      | <b>99.8%</b> | <b>99.8%</b> | <b>99.8%</b> | <b>99.9%</b> | <b>99.9%</b> | <b>99.9%</b> | <b>99.9%</b> | <b>99.9%</b> |

Licensee Comments: none

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## **Occupational Exposure Control Effectiveness**



Thresholds: White > 2.0 Yellow > 5.0

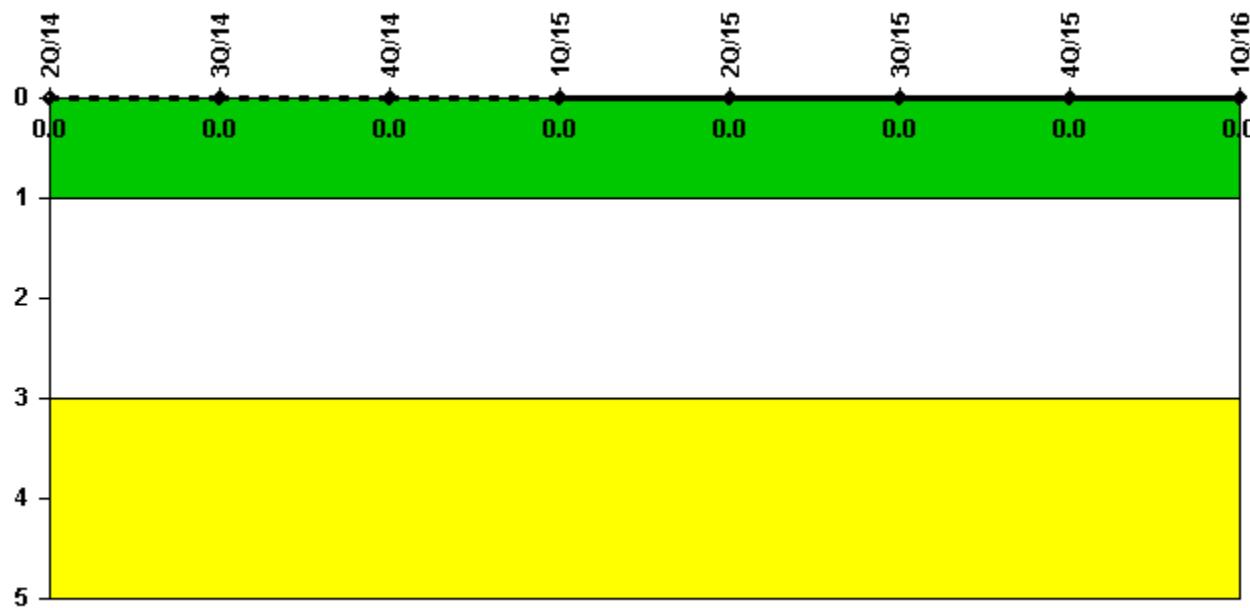
### **Notes**

| <b>Occupational Exposure Control Effectiveness</b> | <b>2Q/14</b> | <b>3Q/14</b> | <b>4Q/14</b> | <b>1Q/15</b> | <b>2Q/15</b> | <b>3Q/15</b> | <b>4Q/15</b> | <b>1Q/16</b> |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| High radiation area occurrences                    | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| Very high radiation area occurrences               | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| Unintended exposure occurrences                    | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| <b>Indicator value</b>                             | <b>0</b>     |

Licensee Comments: none

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## RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

### Notes

| RETS/ODCM Radiological Effluent | 2Q/14    | 3Q/14    | 4Q/14    | 1Q/15    | 2Q/15    | 3Q/15    | 4Q/15    | 1Q/16    |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| RETS/ODCM occurrences           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Indicator value                 | <b>0</b> |

Licensee Comments: none

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Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

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[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

*Last Modified: April 23, 2016*

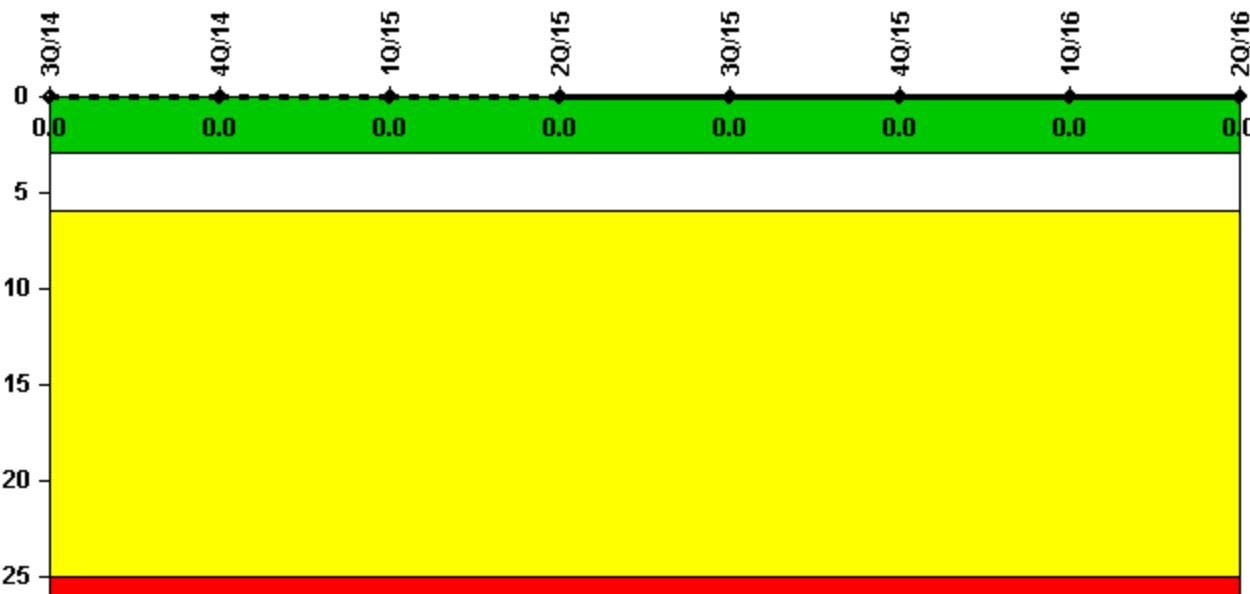
# La Salle 1

## 2Q/2016 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



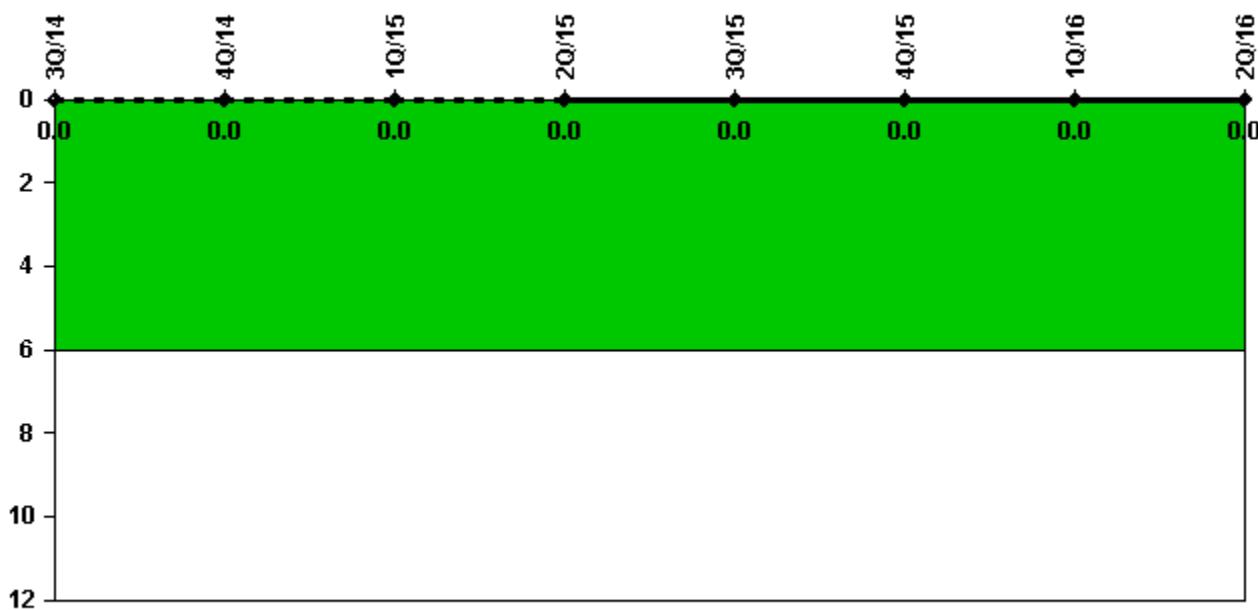
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

| Unplanned Scrams per 7000 Critical Hrs | 3Q/14  | 4Q/14  | 1Q/15  | 2Q/15  | 3Q/15  | 4Q/15  | 1Q/16  | 2Q/16  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Critical hours                         | 2208.0 | 2041.7 | 2159.0 | 2184.0 | 2208.0 | 2209.0 | 1484.7 | 2184.0 |
| Indicator value                        | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |

Licensee Comments: none

### **Unplanned Power Changes per 7000 Critical Hrs**



Thresholds: White > 6.0

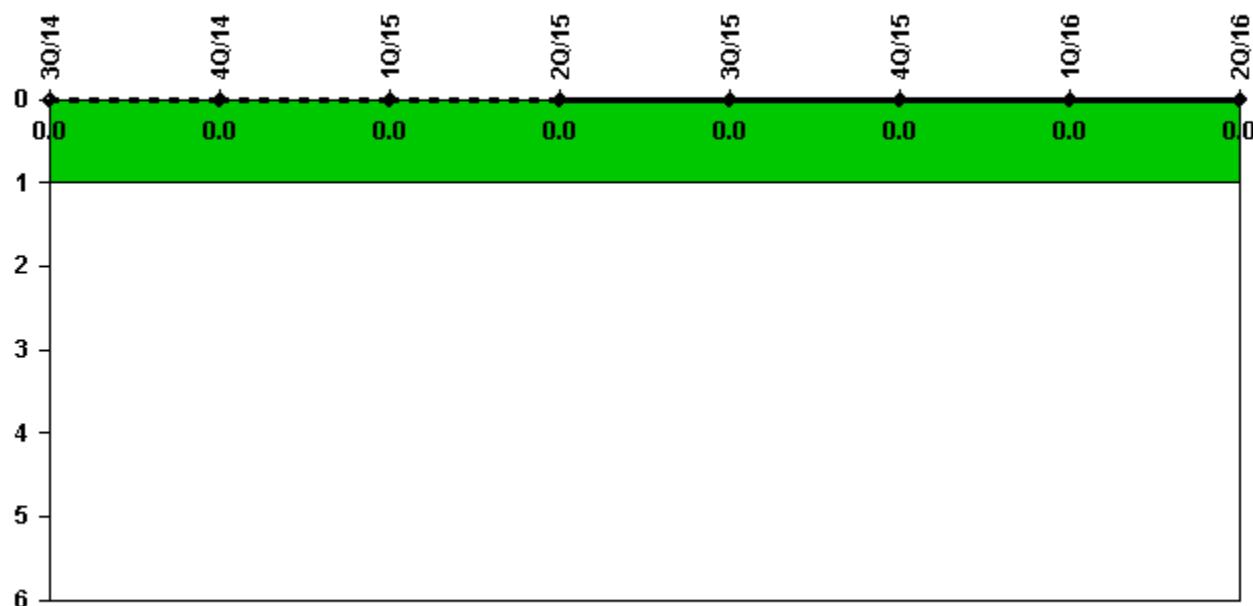
#### **Notes**

| <b>Unplanned Power Changes per 7000 Critical Hrs</b> | <b>3Q/14</b> | <b>4Q/14</b> | <b>1Q/15</b> | <b>2Q/15</b> | <b>3Q/15</b> | <b>4Q/15</b> | <b>1Q/16</b> | <b>2Q/16</b> |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Unplanned power changes                              | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| Critical hours                                       | 2208.0       | 2041.7       | 2159.0       | 2184.0       | 2208.0       | 2209.0       | 1484.7       | 2184.0       |
| <b>Indicator value</b>                               | <b>0</b>     |

Licensee Comments: none

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### **Unplanned Scrams with Complications**



Thresholds: White > 1.0

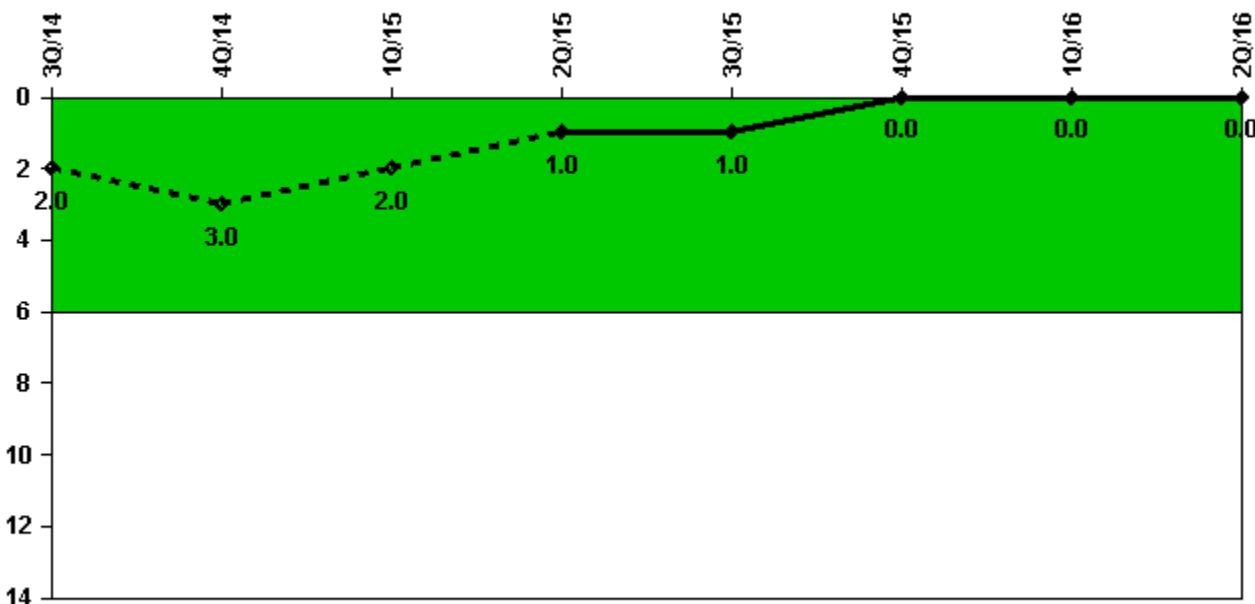
#### **Notes**

| <b>Unplanned Scrams with Complications</b> | <b>3Q/14</b> | <b>4Q/14</b> | <b>1Q/15</b> | <b>2Q/15</b> | <b>3Q/15</b> | <b>4Q/15</b> | <b>1Q/16</b> | <b>2Q/16</b> |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Scrams with complications                  | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
|  |              |              |              |              |              |              |              |              |
|  |              |              |              |              |              |              |              |              |
| <b>Indicator value</b>                     | <b>0.0</b>   |

Licensee Comments: none

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### **Safety System Functional Failures (BWR)**



Thresholds: White > 6.0

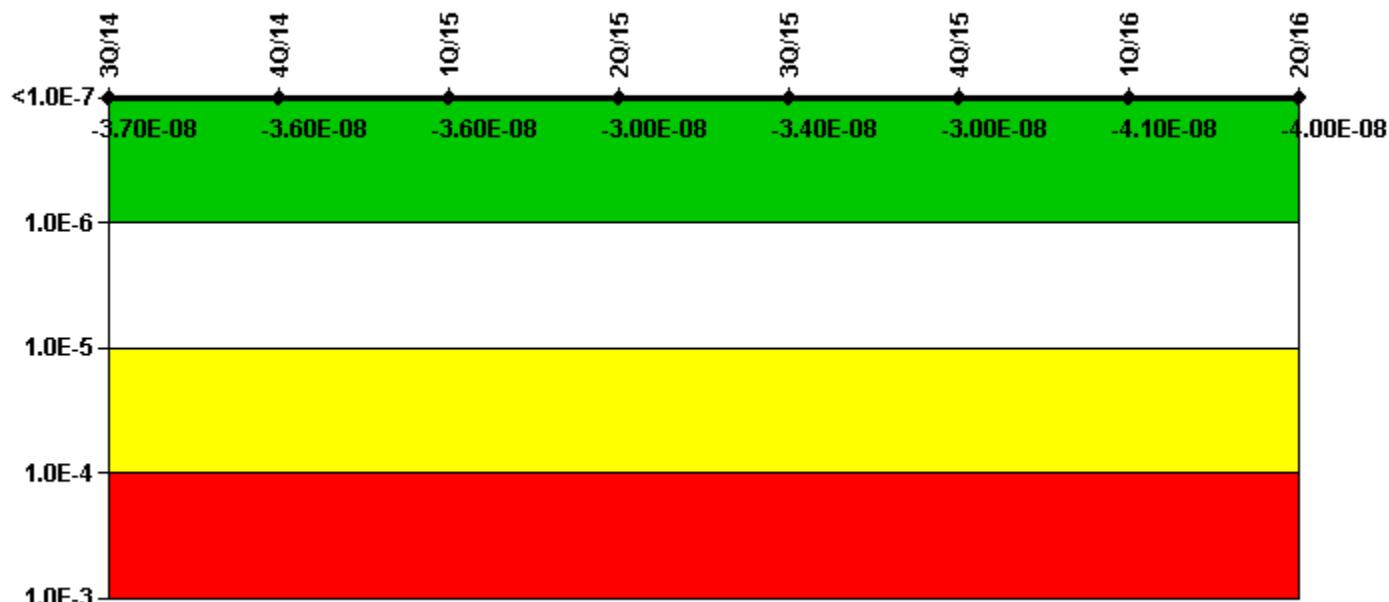
#### **Notes**

| <b>Safety System Functional Failures (BWR)</b> | <b>3Q/14</b> | <b>4Q/14</b> | <b>1Q/15</b> | <b>2Q/15</b> | <b>3Q/15</b> | <b>4Q/15</b> | <b>1Q/16</b> | <b>2Q/16</b> |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Safety System Functional Failures              | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            |
| <b>Indicator value</b>                         | <b>2</b>     | <b>3</b>     | <b>2</b>     | <b>1</b>     | <b>1</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     |

Licensee Comments:

4Q/14: LER 373-2014-004

## Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White >  $1.00\text{E-}6$  Yellow >  $1.00\text{E-}5$  Red >  $1.00\text{E-}4$

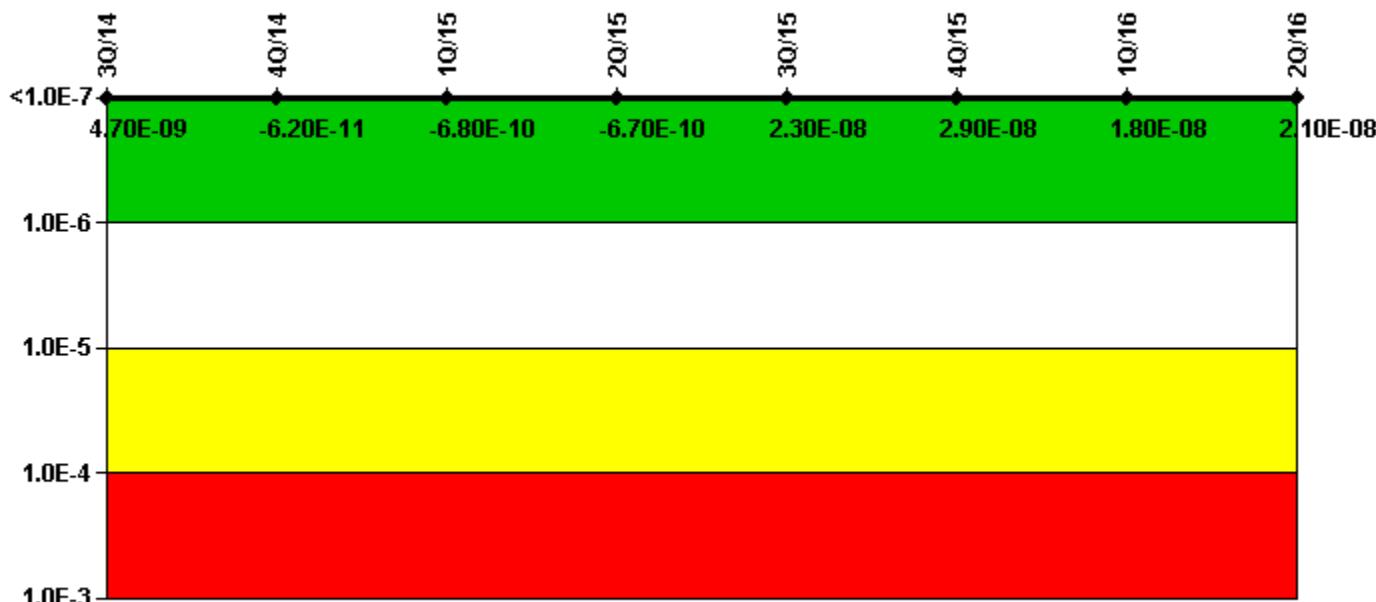
### Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 3Q/14            | 4Q/14            | 1Q/15            | 2Q/15            | 3Q/15            | 4Q/15            | 1Q/16            | 2Q/16            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)   | -6.29E-09        | -6.29E-09        | -6.29E-09        | -3.74E-10        | -4.38E-09        | 3.81E-10         | -4.83E-09        | -5.24E-09        |
| URI ( $\Delta$ CDF)   | -3.02E-08        | -2.99E-08        | -2.99E-08        | -2.99E-08        | -2.99E-08        | -2.99E-08        | -3.65E-08        | -3.43E-08        |
| PLE   | NO               |
| <b>Indicator value</b>  | <b>-3.70E-08</b> | <b>-3.60E-08</b> | <b>-3.60E-08</b> | <b>-3.00E-08</b> | <b>-3.40E-08</b> | <b>-3.00E-08</b> | <b>-4.10E-08</b> | <b>-4.00E-08</b> |

Licensee Comments:

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented in the 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model.

## Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

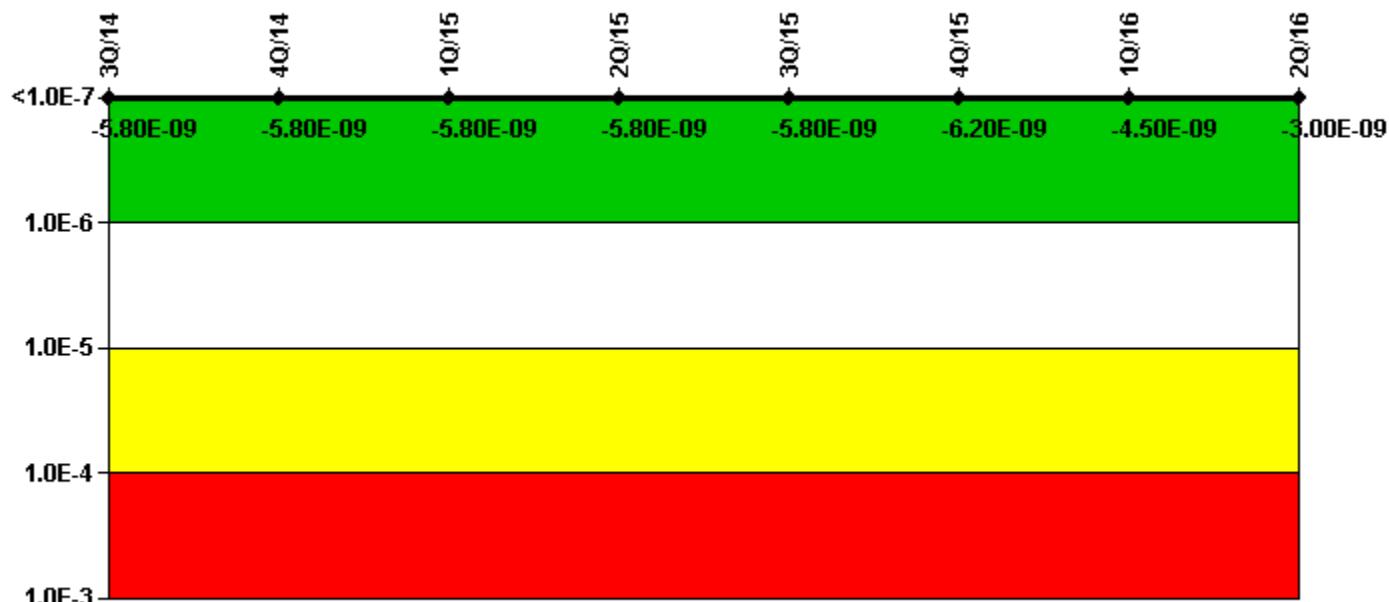
### Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 3Q/14           | 4Q/14            | 1Q/15            | 2Q/15            | 3Q/15           | 4Q/15           | 1Q/16           | 2Q/16           |
|--|-----------------|------------------|------------------|------------------|-----------------|-----------------|-----------------|-----------------|
| UAI ( $\Delta$ CDF)  | 1.79E-08        | 1.29E-08         | 1.23E-08         | 1.23E-08         | 3.58E-08        | 4.18E-08        | 2.80E-08        | 3.03E-08        |
| URI ( $\Delta$ CDF)  | -1.32E-08       | -1.30E-08        | -1.30E-08        | -1.30E-08        | -1.30E-08       | -1.30E-08       | -1.02E-08       | -9.55E-09       |
| PLE  | NO              | NO               | NO               | NO               | NO              | NO              | NO              | NO              |
| <b>Indicator value</b>   | <b>4.70E-09</b> | <b>-6.20E-11</b> | <b>-6.80E-10</b> | <b>-6.70E-10</b> | <b>2.30E-08</b> | <b>2.90E-08</b> | <b>1.80E-08</b> | <b>2.10E-08</b> |

### Licensee Comments:

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented in the 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model.

## Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

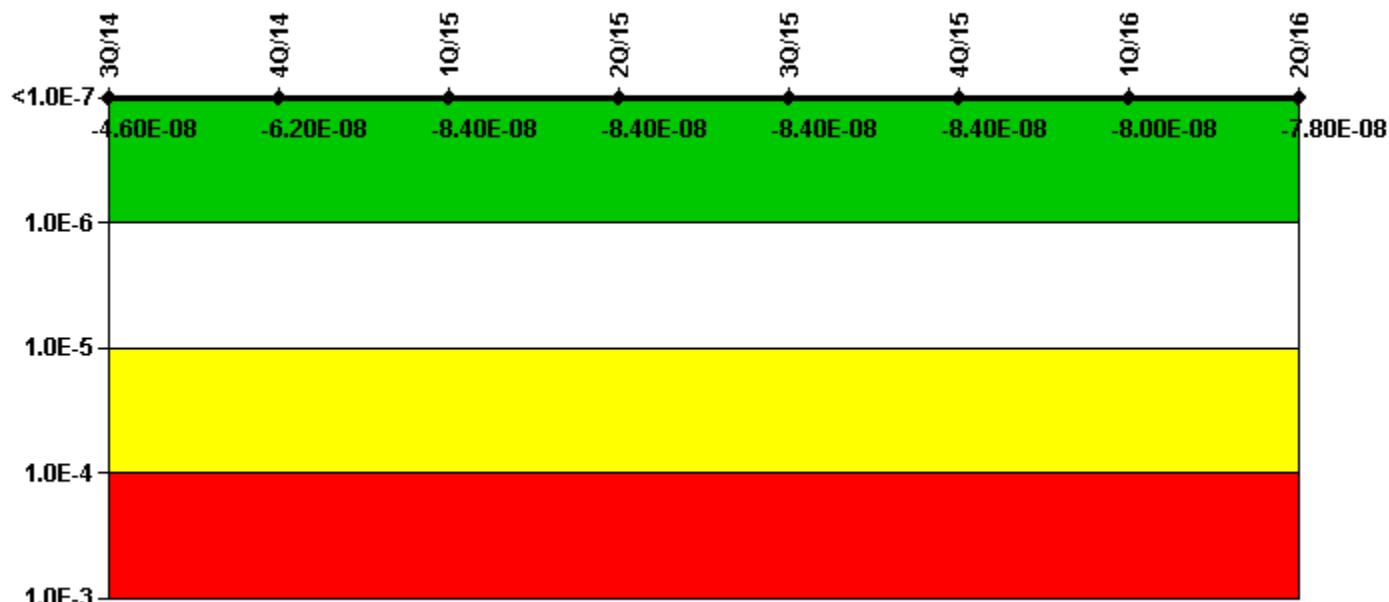
### Notes

| Mitigating Systems Performance Index, Heat Removal System | 3Q/14            | 4Q/14            | 1Q/15            | 2Q/15            | 3Q/15            | 4Q/15            | 1Q/16            | 2Q/16            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)                                       | -1.15E-09        | -1.15E-09        | -1.16E-09        | -1.16E-09        | -1.16E-09        | -1.52E-09        | -9.25E-10        | -1.07E-09        |
| URI ( $\Delta$ CDF)                                       | -4.66E-09        | -4.66E-09        | -4.66E-09        | -4.66E-09        | -4.66E-09        | -4.66E-09        | -3.56E-09        | -1.97E-09        |
| PLE   | NO               |
| <b>Indicator value</b>                                    | <b>-5.80E-09</b> | <b>-5.80E-09</b> | <b>-5.80E-09</b> | <b>-5.80E-09</b> | <b>-5.80E-09</b> | <b>-6.20E-09</b> | <b>-4.50E-09</b> | <b>-3.00E-09</b> |

### Licensee Comments:

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented in 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model.

## Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

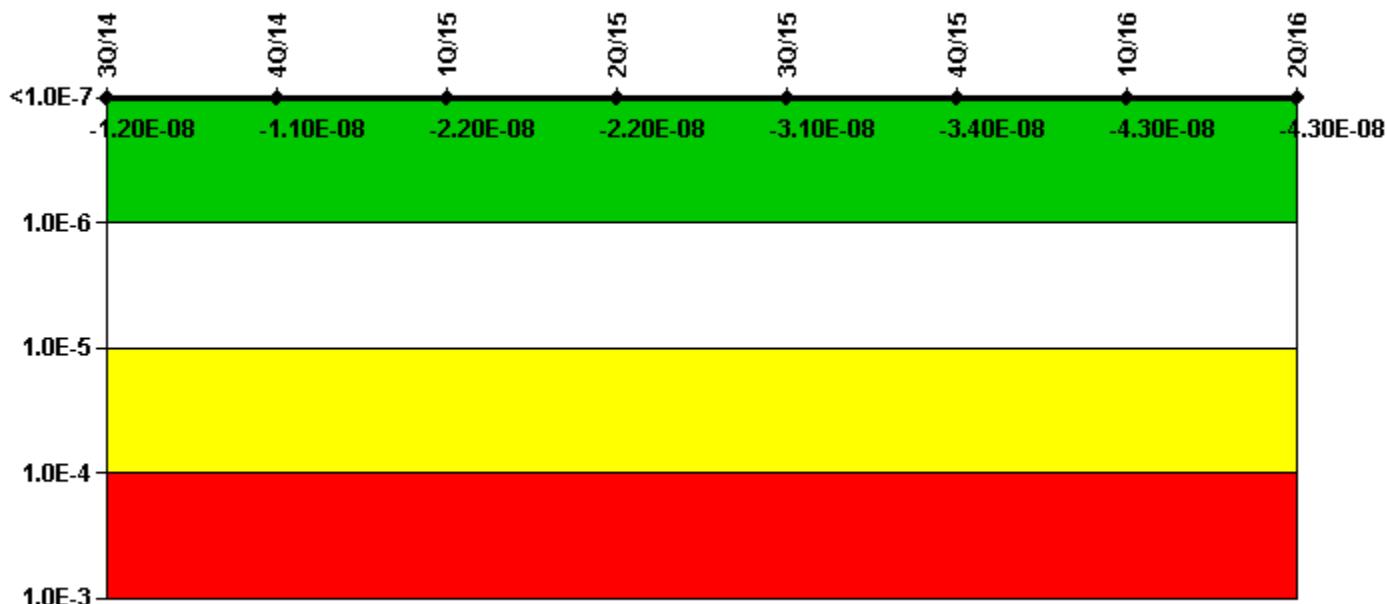
### Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 3Q/14    | 4Q/14            | 1Q/15            | 2Q/15            | 3Q/15            | 4Q/15            | 1Q/16            | 2Q/16            |
|--|----------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)  | 3.40E-09 | -1.31E-08        | -3.50E-08        | -3.50E-08        | -3.50E-08        | -3.50E-08        | -3.42E-08        | -3.46E-08        |
| URI ( $\Delta$ CDF)  |          | -4.94E-08        | -4.94E-08        | -4.94E-08        | -4.94E-08        | -4.94E-08        | -4.58E-08        | -4.32E-08        |
| PLE  |          | NO               |
| Indicator value  |          | <b>-4.60E-08</b> | <b>-6.20E-08</b> | <b>-8.40E-08</b> | <b>-8.40E-08</b> | <b>-8.40E-08</b> | <b>-8.00E-08</b> | <b>-7.80E-08</b> |

Licensee Comments:

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented in 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model.

## Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

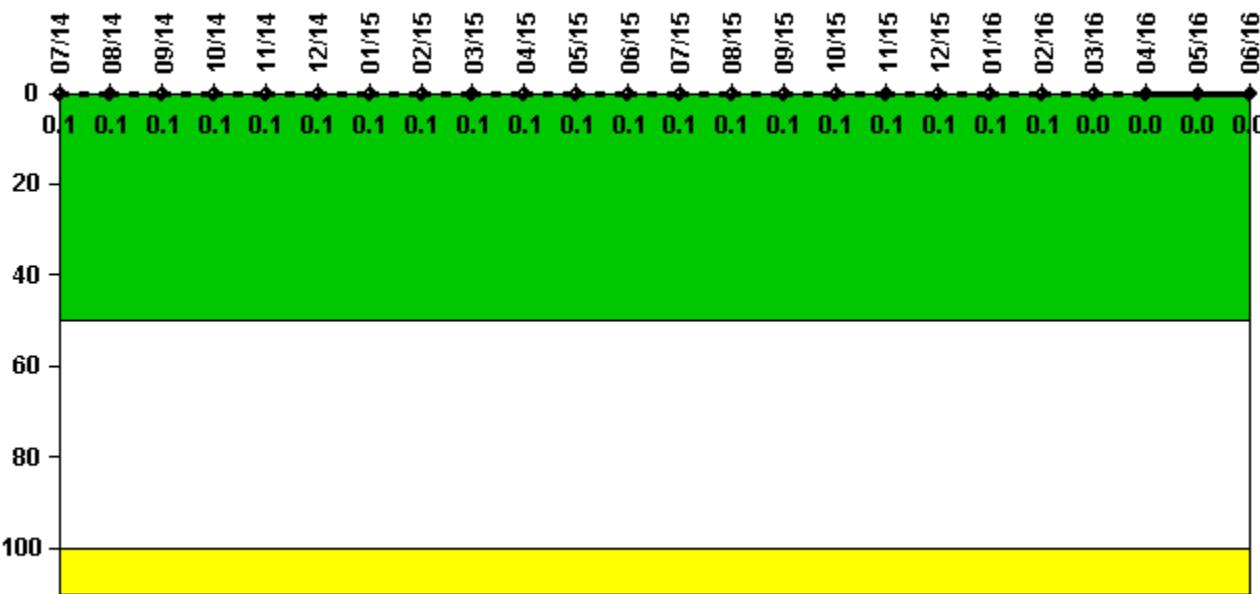
### Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 3Q/14            | 4Q/14            | 1Q/15            | 2Q/15            | 3Q/15            | 4Q/15            | 1Q/16            | 2Q/16            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)   | 5.11E-08         | 5.23E-08         | 4.11E-08         | 4.11E-08         | 3.22E-08         | 2.95E-08         | 8.19E-09         | 7.83E-09         |
| URI ( $\Delta$ CDF)   | -6.33E-08        | -6.33E-08        | -6.33E-08        | -6.33E-08        | -6.33E-08        | -6.33E-08        | -5.17E-08        | -5.12E-08        |
| PLE   | NO               |
| <b>Indicator value</b>                                      | <b>-1.20E-08</b> | <b>-1.10E-08</b> | <b>-2.20E-08</b> | <b>-2.20E-08</b> | <b>-3.10E-08</b> | <b>-3.40E-08</b> | <b>-4.30E-08</b> | <b>-4.30E-08</b> |

Licensee Comments:

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented for 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model.

## Reactor Coolant System Activity



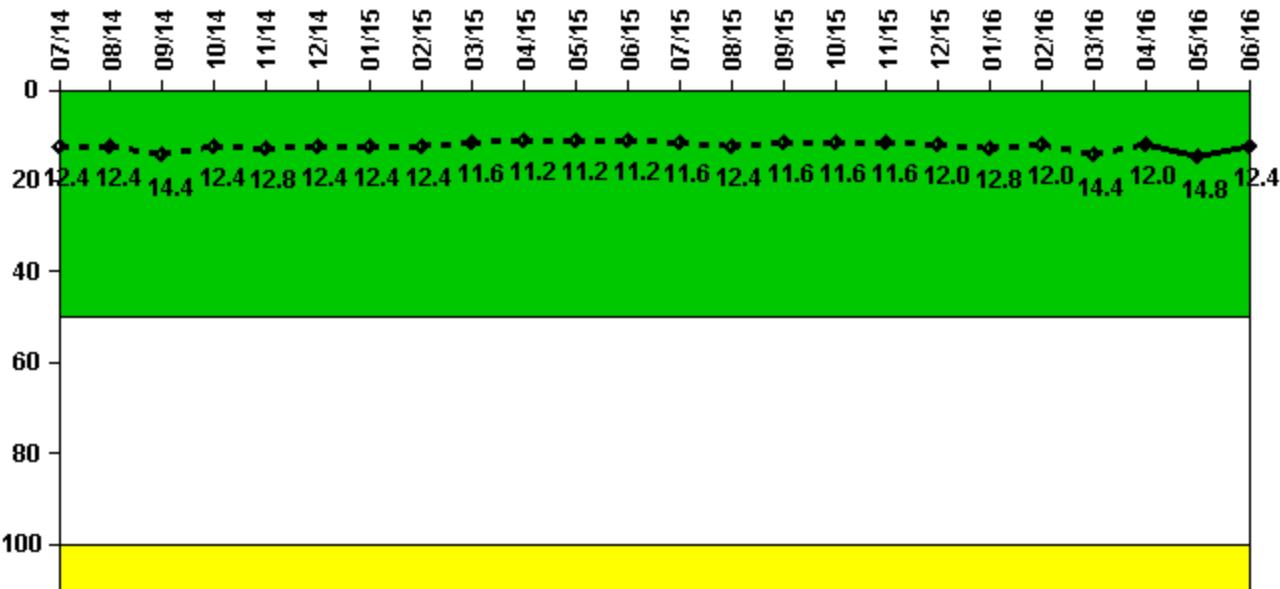
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Activity | 7/14       | 8/14       | 9/14       | 10/14      | 11/14      | 12/14      | 1/15       | 2/15       | 3/15       | 4/15       | 5/15       | 6/15       |
|---------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Maximum activity                | 0.000161   | 0.000132   | 0.000123   | 0.000130   | 0.000128   | 0.000108   | 0.000105   | 0.000122   | 0.000118   | 0.000142   | 0.000145   | 0.000190   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| Indicator value                 | <b>0.1</b> |
| Reactor Coolant System Activity | 7/15       | 8/15       | 9/15       | 10/15      | 11/15      | 12/15      | 1/16       | 2/16       | 3/16       | 4/16       | 5/16       | 6/16       |
| Maximum activity                | 0.000152   | 0.000187   | 0.000160   | 0.000135   | 0.000130   | 0.000133   | 0.000115   | 0.000110   | 0.000048   | 0.000053   | 0.000049   | 0.000054   |
| Technical specification limit   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        |
| Indicator value                 | <b>0.1</b> | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   |

Licensee Comments: none

### Reactor Coolant System Leakage



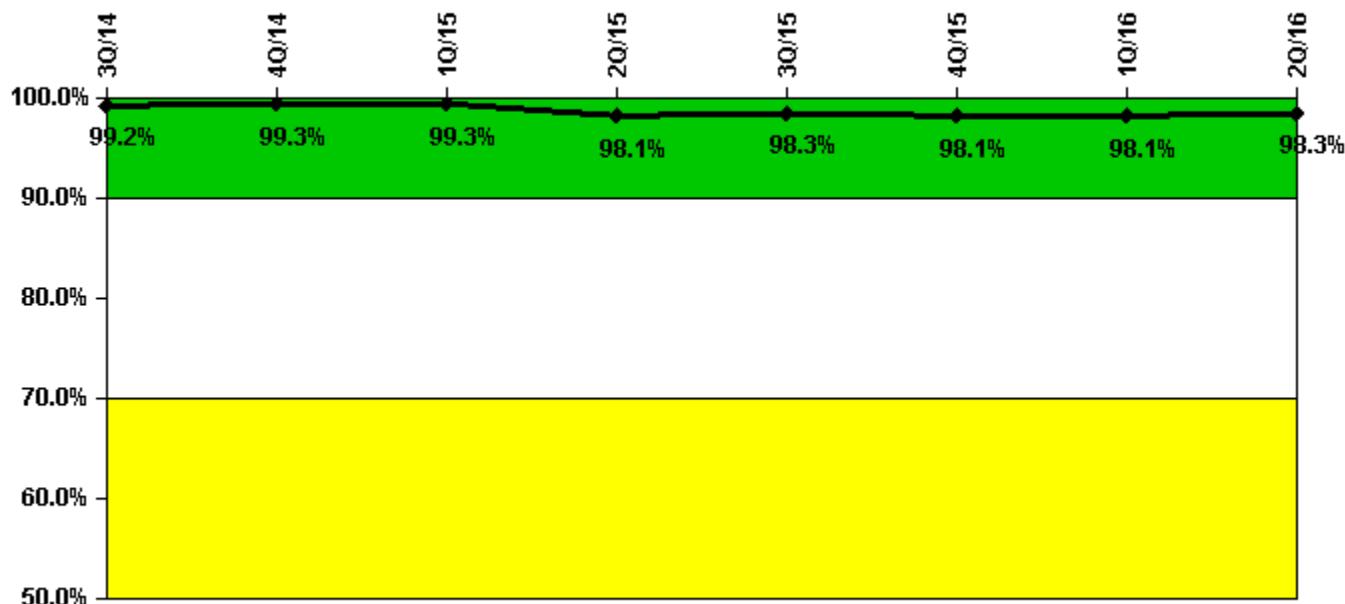
Thresholds: White > 50.0 Yellow > 100.0

#### Notes

| Reactor Coolant System Leakage | 7/14        | 8/14        | 9/14        | 10/14       | 11/14       | 12/14       | 1/15        | 2/15        | 3/15        | 4/15        | 5/15        | 6/15        |
|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Maximum leakage                | 3.100       | 3.100       | 3.600       | 3.100       | 3.200       | 3.100       | 3.100       | 3.100       | 2.900       | 2.800       | 2.800       | 2.800       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| <b>Indicator value</b>         | <b>12.4</b> | <b>12.4</b> | <b>14.4</b> | <b>12.4</b> | <b>12.8</b> | <b>12.4</b> | <b>12.4</b> | <b>12.4</b> | <b>11.6</b> | <b>11.2</b> | <b>11.2</b> | <b>11.2</b> |
| Reactor Coolant System Leakage | 7/15        | 8/15        | 9/15        | 10/15       | 11/15       | 12/15       | 1/16        | 2/16        | 3/16        | 4/16        | 5/16        | 6/16        |
| Maximum leakage                | 2.900       | 3.100       | 2.900       | 2.900       | 2.900       | 3.000       | 3.200       | 3.000       | 3.600       | 3.000       | 3.700       | 3.100       |
| Technical specification limit  | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        |
| <b>Indicator value</b>         | <b>11.6</b> | <b>12.4</b> | <b>11.6</b> | <b>11.6</b> | <b>11.6</b> | <b>12.0</b> | <b>12.8</b> | <b>12.0</b> | <b>14.4</b> | <b>12.0</b> | <b>14.8</b> | <b>12.4</b> |

Licensee Comments: none

### Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

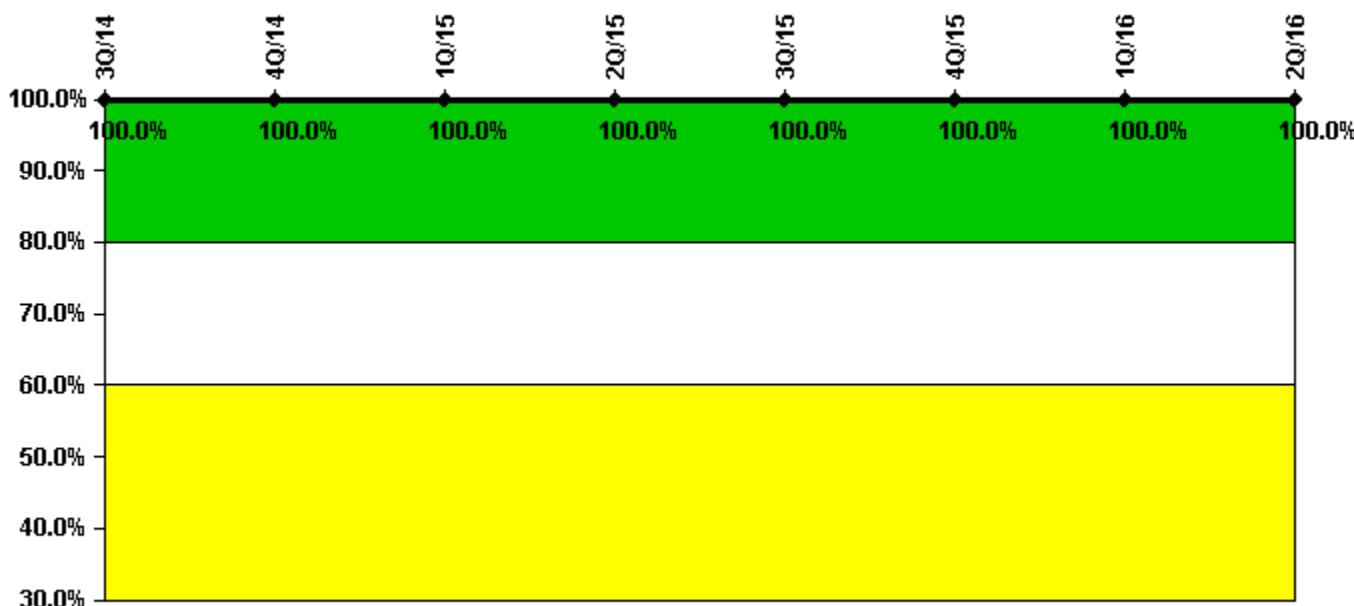
| Drill/Exercise Performance | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities   | 48.0  | 42.0  | 46.0  | 108.0 | 62.0  | 63.0  | 13.0  | 141.0 |
| Total opportunities        | 50.0  | 42.0  | 46.0  | 113.0 | 62.0  | 64.0  | 13.0  | 142.0 |
| Indicator value            | 99.2% | 99.3% | 99.3% | 98.1% | 98.3% | 98.1% | 98.1% | 98.3% |

#### Licensee Comments:

1Q/16: During an internal assessment, it was discovered that credit taken in June 2015 did not include opportunities that should have been counted. This was corrected by increasing the number of successful drill, exercise & event opportunities from 32 to 35, and increasing the number of total drill, exercise & event opportunities from 32 to 36. This issue has been entered into the corrective action program and does not result in a change to the performance indicator color.

4Q/15: During an internal assessment, it was discovered that credit was taken in April 2015 for an opportunity that should not have been counted. This was corrected by decreasing the number of total drill, exercise and event opportunities from 51 to 50 for April 2015. This issue, which did not result in a change to performance indicator color, has been entered into the corrective action program.

### **ERO Drill Participation**



Thresholds: White < 80.0% Yellow < 60.0%

#### **Notes**

| <b>ERO Drill Participation</b> | <b>3Q/14</b>  | <b>4Q/14</b>  | <b>1Q/15</b>  | <b>2Q/15</b>  | <b>3Q/15</b>  | <b>4Q/15</b>  | <b>1Q/16</b>  | <b>2Q/16</b>  |
|--------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Participating Key personnel    | 65.0          | 69.0          | 71.0          | 68.0          | 68.0          | 67.0          | 67.0          | 63.0          |
| Total Key personnel            | 65.0          | 69.0          | 71.0          | 68.0          | 68.0          | 67.0          | 67.0          | 63.0          |
| <b>Indicator value</b>         | <b>100.0%</b> |

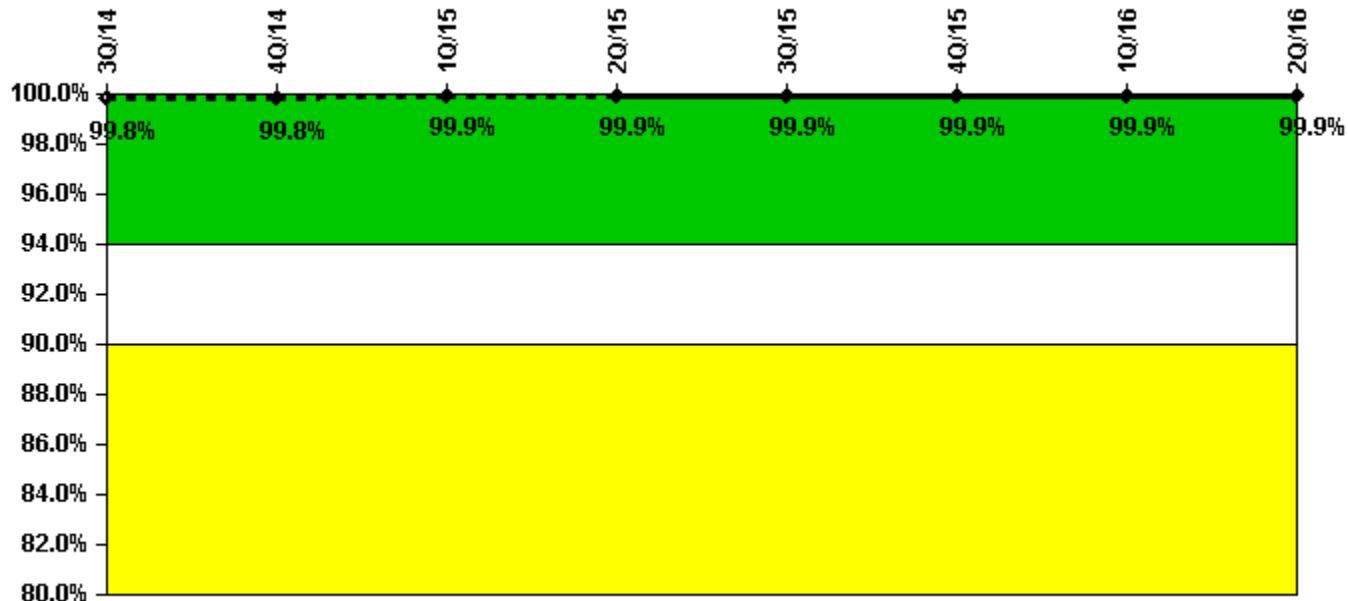
#### Licensee Comments:

1Q/16: During an internal assessment, it was discovered that credit taken in February and March 2016 did not include participations that should have been counted. This was corrected by increasing the number of participating key personnel and total key personnel by two for February and March 2016. This issue has been entered into the corrective action program and does not result in a change to the performance indicator color.

1Q/15: During an internal assessment, it was discovered that one individual was inadvertently counted as a participating ERO member from May to December 2014. This was corrected by decreasing the number of total and participating key personnel by one for the months in question. This issue, which did not result in a change to performance indicator color, has been entered into the corrective action program. 7/15/16 entry: It was discovered that during an internal assessment, credit taken in January through March 2015 did not include participations that should have been counted. This was corrected by increasing the number of participating key personnel and total key personnel by two for January through March 2015. This issue has been entered into the corrective action program and does not result in a change to the performance indicator color.

1Q/15: During an internal assessment, it was discovered that one individual was inadvertently counted as a participating ERO member from May to December 2014. This was corrected by decreasing the number of total and participating key personnel by one for the months in question. This issue, which did not result in a change to performance indicator color, has been entered into the corrective action program.

### **Alert & Notification System**



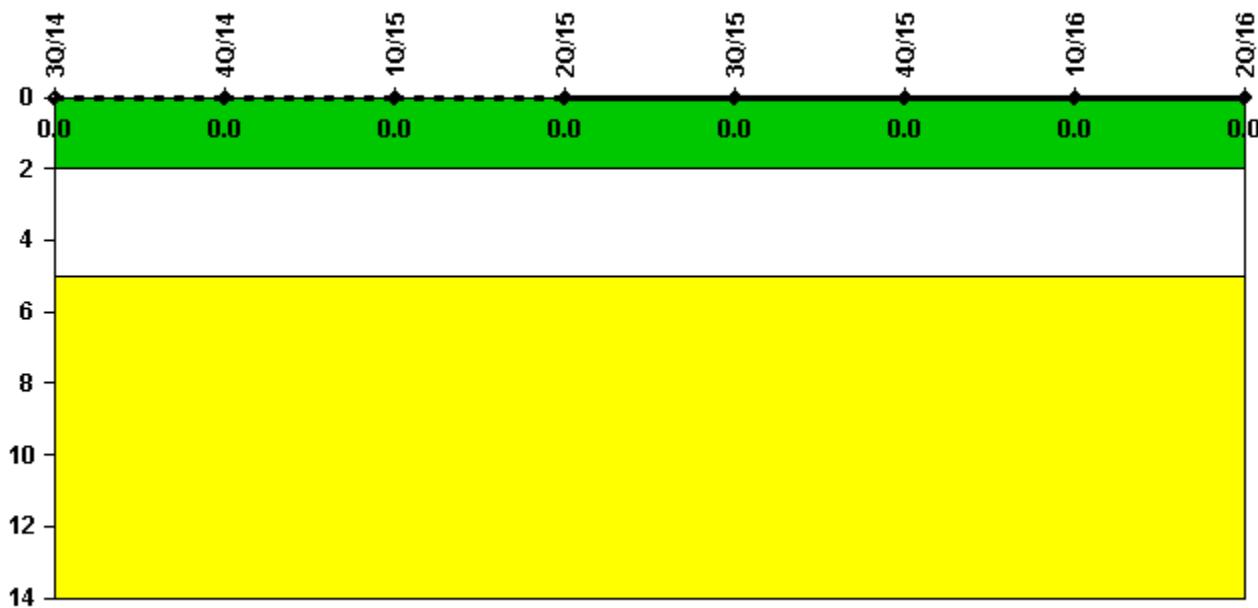
Thresholds: White < 94.0% Yellow < 90.0%

#### **Notes**

| Alert & Notification System | 3Q/14        | 4Q/14        | 1Q/15        | 2Q/15        | 3Q/15        | 4Q/15        | 1Q/16        | 2Q/16        |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests      | 2174         | 2175         | 2138         | 2173         | 2208         | 2175         | 2175         | 2174         |
| Total sirens-tests          | 2176         | 2176         | 2142         | 2176         | 2210         | 2176         | 2176         | 2176         |
| <b>Indicator value</b>      | <b>99.8%</b> | <b>99.8%</b> | <b>99.9%</b> | <b>99.9%</b> | <b>99.9%</b> | <b>99.9%</b> | <b>99.9%</b> | <b>99.9%</b> |

Licensee Comments: none

## **Occupational Exposure Control Effectiveness**



Thresholds: White > 2.0 Yellow > 5.0

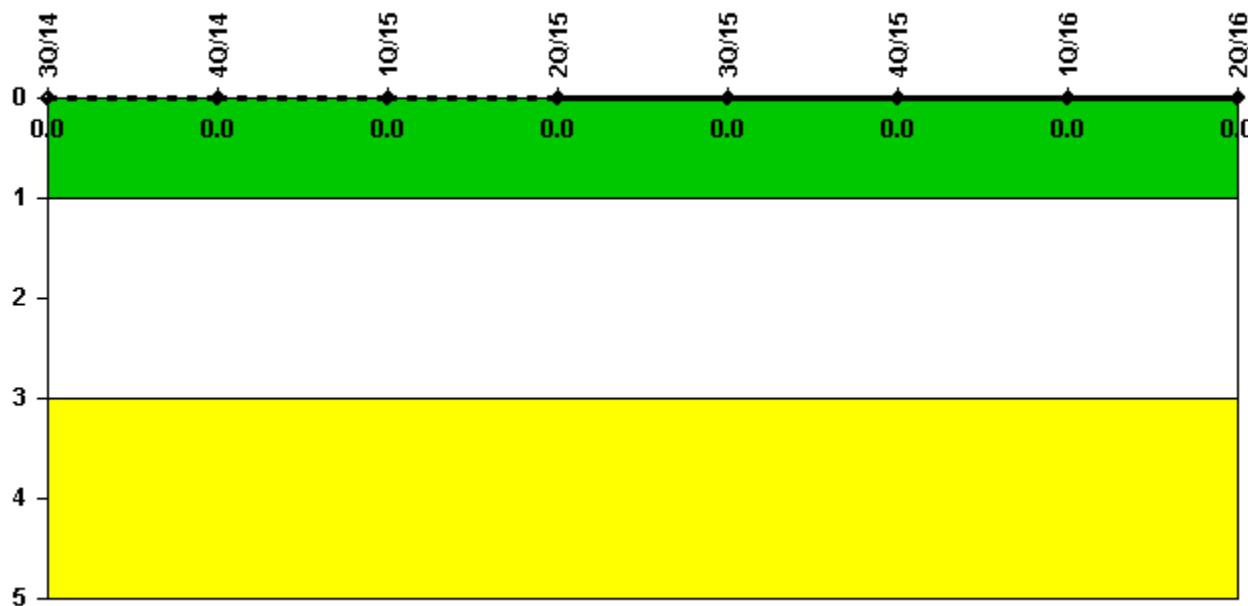
### Notes

| Occupational Exposure Control Effectiveness | 3Q/14    | 4Q/14    | 1Q/15    | 2Q/15    | 3Q/15    | 4Q/15    | 1Q/16    | 2Q/16    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>0</b> |

Licensee Comments: none

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## RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

### Notes

| RETS/ODCM Radiological Effluent | 3Q/14    | 4Q/14    | 1Q/15    | 2Q/15    | 3Q/15    | 4Q/15    | 1Q/16    | 2Q/16    |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| RETS/ODCM occurrences           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>          | <b>0</b> |

Licensee Comments: none

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Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

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[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

*Last Modified: July 25, 2016*

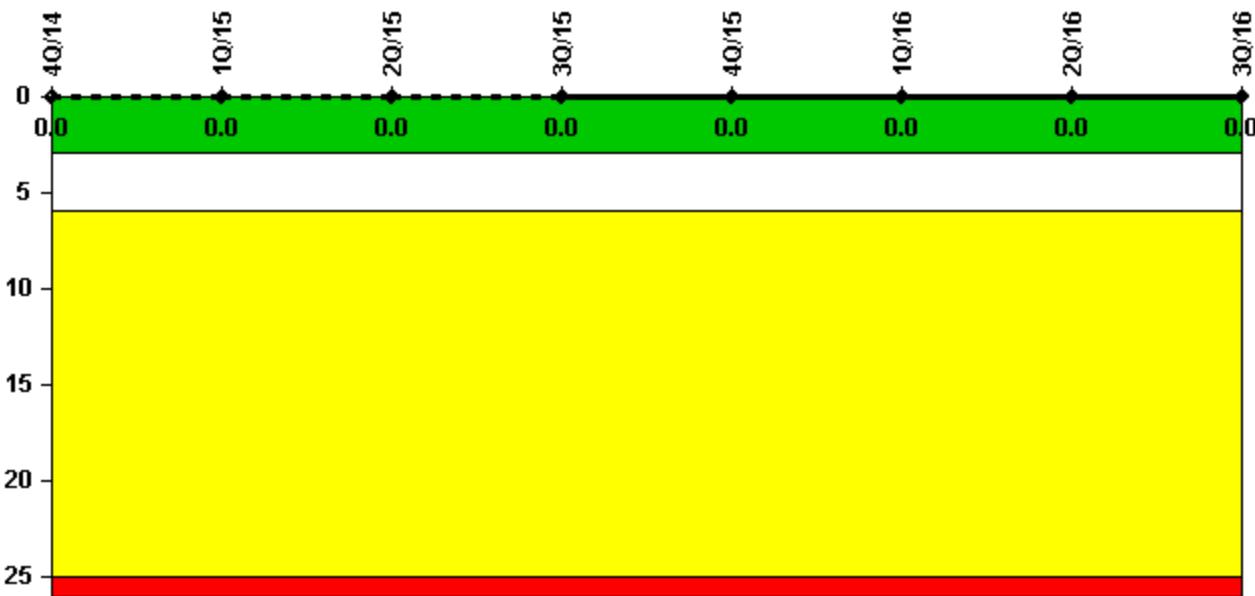
# La Salle 1

## 3Q/2016 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



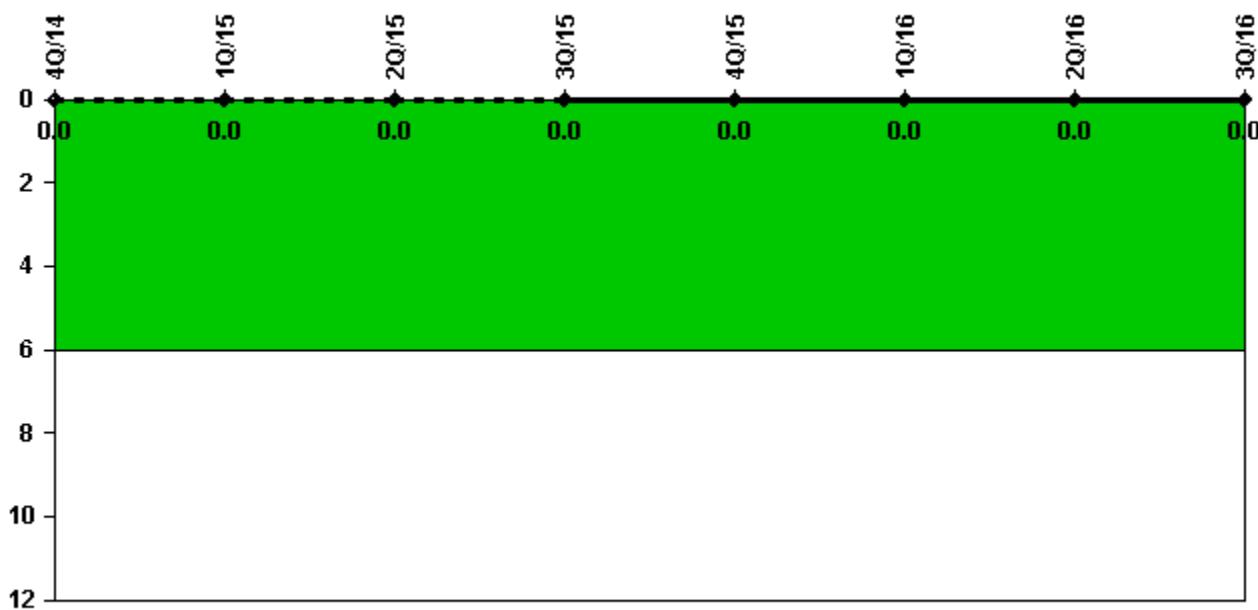
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

| Unplanned Scrams per 7000 Critical Hrs | 4Q/14  | 1Q/15  | 2Q/15  | 3Q/15  | 4Q/15  | 1Q/16  | 2Q/16  | 3Q/16  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Critical hours                         | 2041.7 | 2159.0 | 2184.0 | 2208.0 | 2209.0 | 1484.7 | 2184.0 | 2208.0 |
| Indicator value                        | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |

Licensee Comments: none

### Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

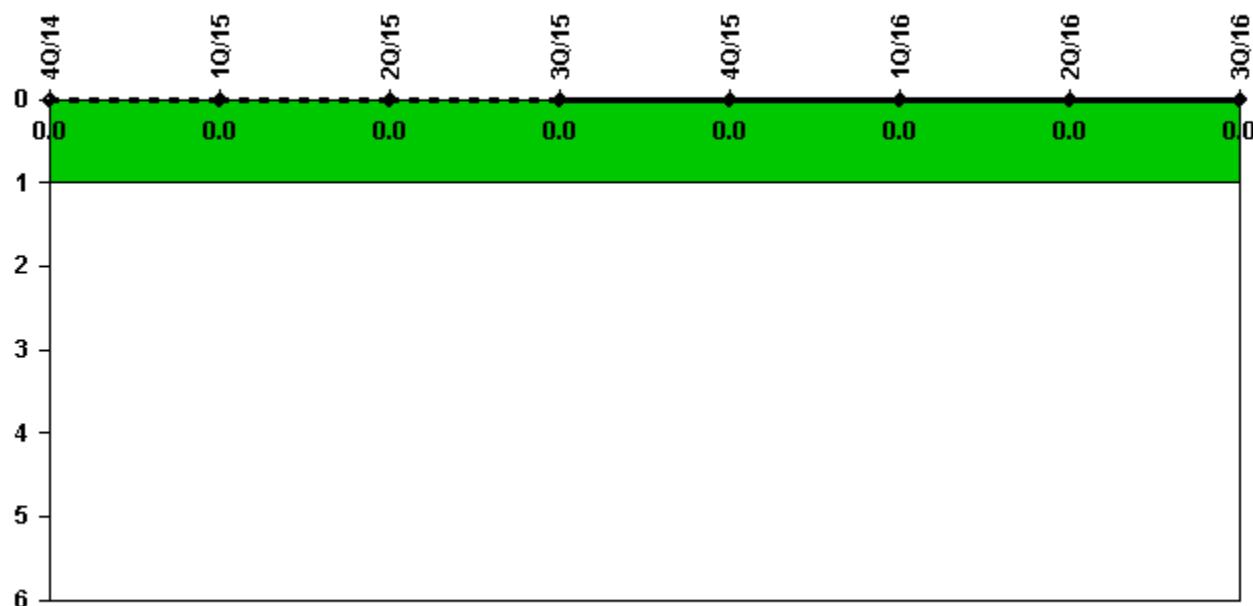
#### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 4Q/14    | 1Q/15    | 2Q/15    | 3Q/15    | 4Q/15    | 1Q/16    | 2Q/16    | 3Q/16    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Unplanned power changes                       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Critical hours                                | 2041.7   | 2159.0   | 2184.0   | 2208.0   | 2209.0   | 1484.7   | 2184.0   | 2208.0   |
| <b>Indicator value</b>                        | <b>0</b> |

Licensee Comments: none

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### **Unplanned Scrams with Complications**



Thresholds: White > 1.0

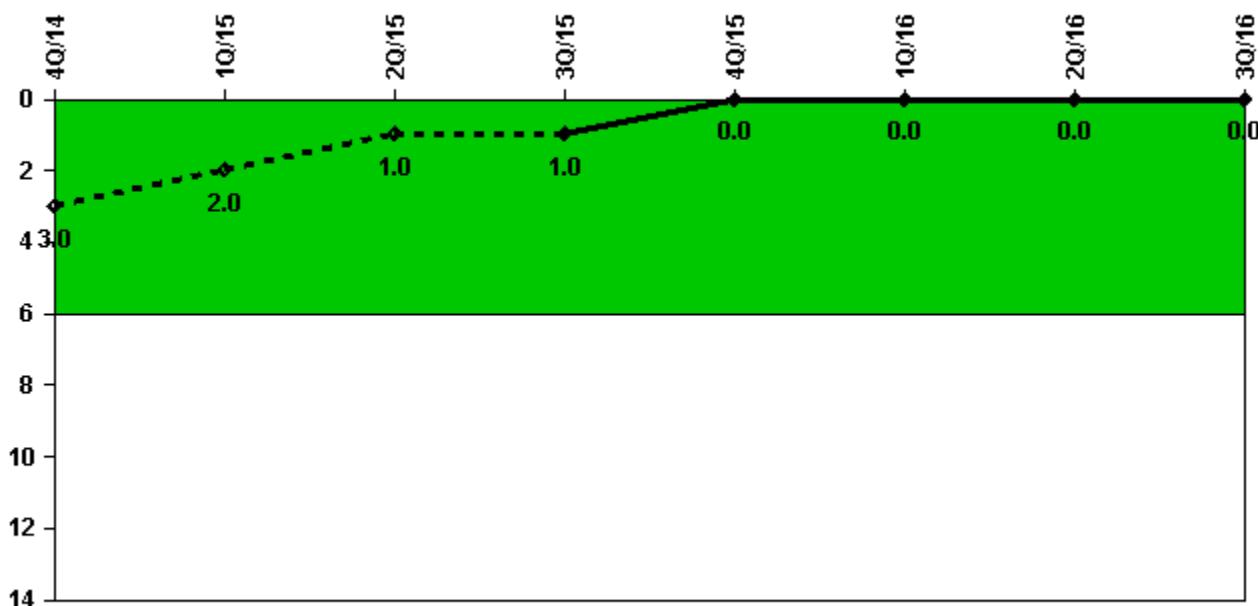
#### **Notes**

| <b>Unplanned Scrams with Complications</b> | <b>4Q/14</b> | <b>1Q/15</b> | <b>2Q/15</b> | <b>3Q/15</b> | <b>4Q/15</b> | <b>1Q/16</b> | <b>2Q/16</b> | <b>3Q/16</b> |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Scrams with complications                  | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
|  |              |              |              |              |              |              |              |              |
|  |              |              |              |              |              |              |              |              |
| <b>Indicator value</b>                     | <b>0.0</b>   |

Licensee Comments: none

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### **Safety System Functional Failures (BWR)**



Thresholds: White > 6.0

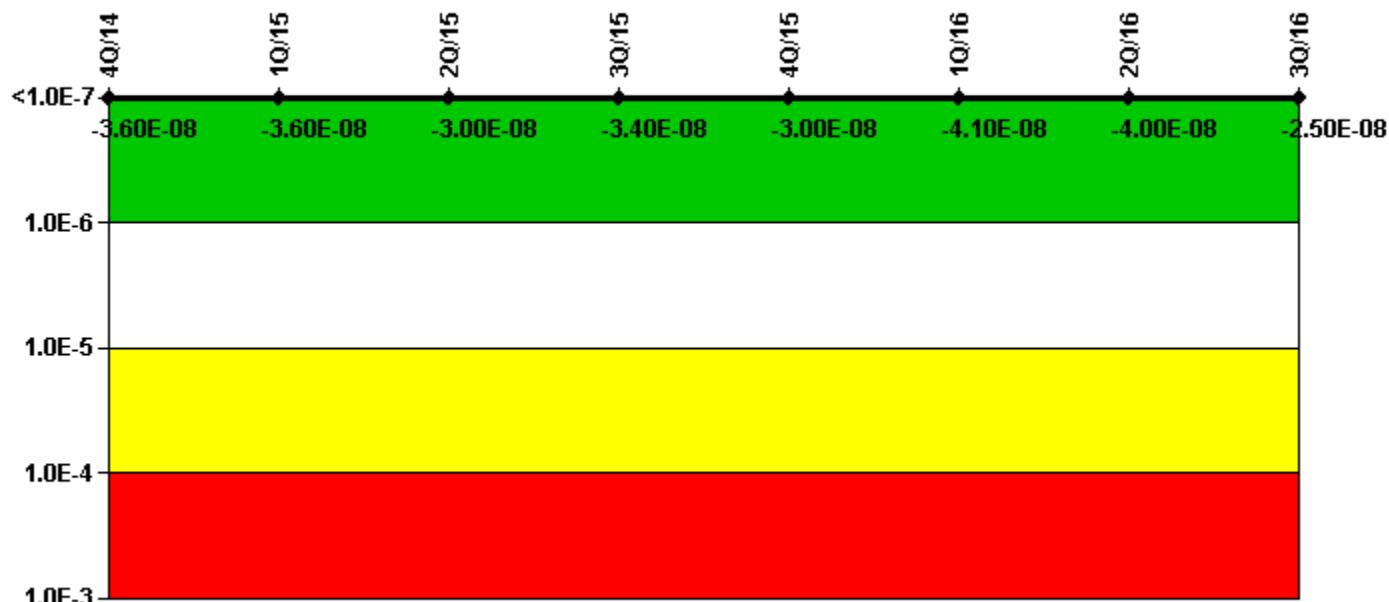
#### **Notes**

| <b>Safety System Functional Failures (BWR)</b> | <b>4Q/14</b> | <b>1Q/15</b> | <b>2Q/15</b> | <b>3Q/15</b> | <b>4Q/15</b> | <b>1Q/16</b> | <b>2Q/16</b> | <b>3Q/16</b> |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Safety System Functional Failures              | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| <b>Indicator value</b>                         | <b>3</b>     | <b>2</b>     | <b>1</b>     | <b>1</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     |

Licensee Comments:

4Q/14: LER 373-2014-004

## Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

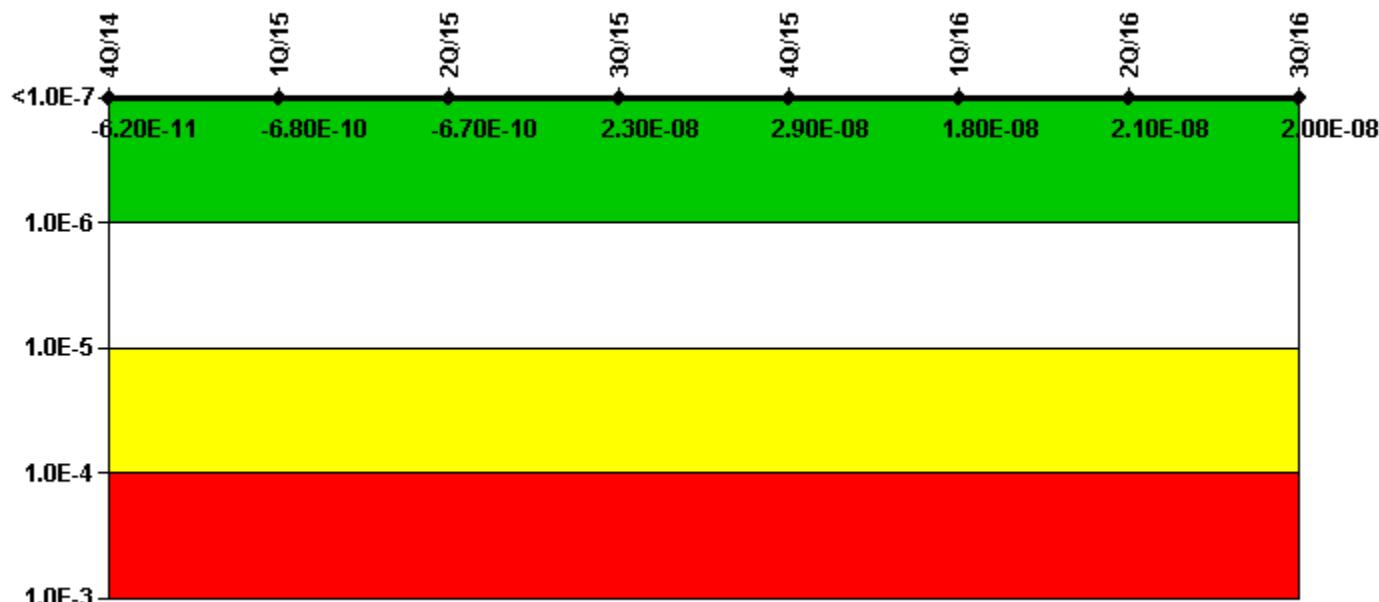
### Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 4Q/14            | 1Q/15            | 2Q/15            | 3Q/15            | 4Q/15            | 1Q/16            | 2Q/16            | 3Q/16            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)   | -6.29E-09        | -6.29E-09        | -3.74E-10        | -4.38E-09        | 3.81E-10         | -4.83E-09        | -5.24E-09        | 8.99E-09         |
| URI ( $\Delta$ CDF)   | -2.99E-08        | -2.99E-08        | -2.99E-08        | -2.99E-08        | -2.99E-08        | -3.65E-08        | -3.43E-08        | -3.43E-08        |
| PLE   | NO               |
| Indicator value   | <b>-3.60E-08</b> | <b>-3.60E-08</b> | <b>-3.00E-08</b> | <b>-3.40E-08</b> | <b>-3.00E-08</b> | <b>-4.10E-08</b> | <b>-4.00E-08</b> | <b>-2.50E-08</b> |

Licensee Comments:

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented in the 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model.

## Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

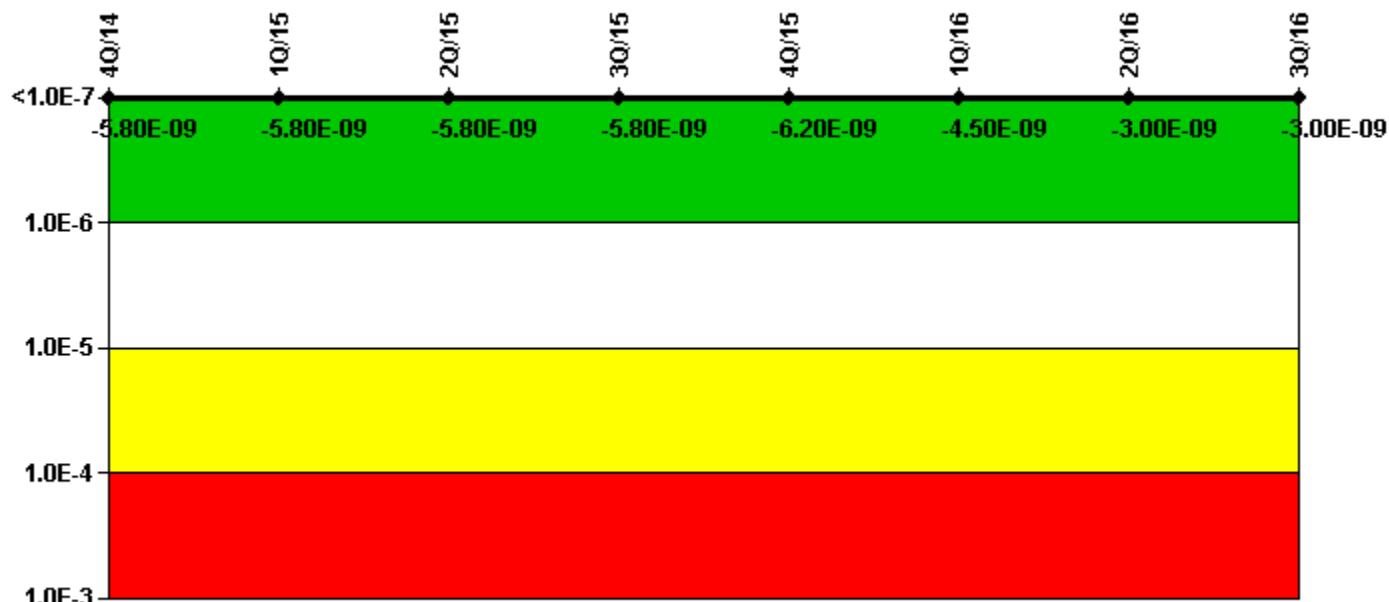
### Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 4Q/14            | 1Q/15            | 2Q/15            | 3Q/15           | 4Q/15           | 1Q/16           | 2Q/16           | 3Q/16           |
|--|------------------|------------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| UAI ( $\Delta$ CDF)  | 1.29E-08         | 1.23E-08         | 1.23E-08         | 3.58E-08        | 4.18E-08        | 2.80E-08        | 3.03E-08        | 2.94E-08        |
| URI ( $\Delta$ CDF)  | -1.30E-08        | -1.30E-08        | -1.30E-08        | -1.30E-08       | -1.30E-08       | -1.02E-08       | -9.55E-09       | -9.55E-09       |
| PLE  | NO               | NO               | NO               | NO              | NO              | NO              | NO              | NO              |
| <b>Indicator value</b>   | <b>-6.20E-11</b> | <b>-6.80E-10</b> | <b>-6.70E-10</b> | <b>2.30E-08</b> | <b>2.90E-08</b> | <b>1.80E-08</b> | <b>2.10E-08</b> | <b>2.00E-08</b> |

Licensee Comments:

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented in the 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model.

## Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

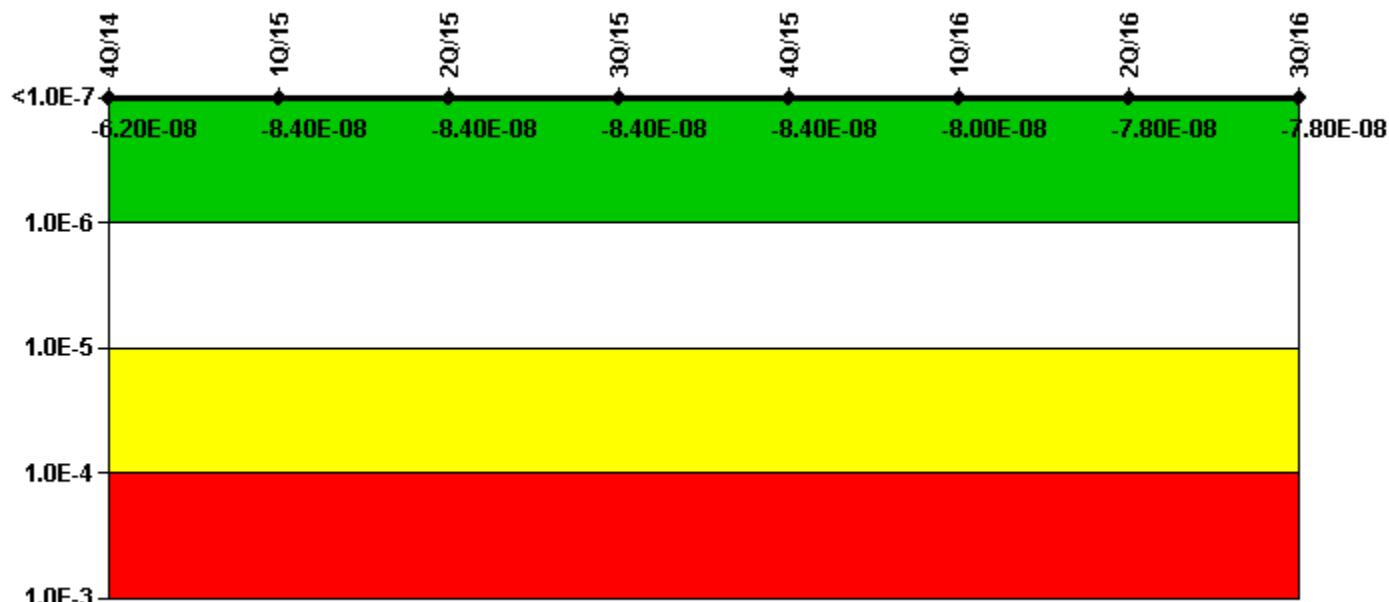
### Notes

| Mitigating Systems Performance Index, Heat Removal System | 4Q/14            | 1Q/15            | 2Q/15            | 3Q/15            | 4Q/15            | 1Q/16            | 2Q/16            | 3Q/16            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)                                       | -1.15E-09        | -1.16E-09        | -1.16E-09        | -1.16E-09        | -1.52E-09        | -9.25E-10        | -1.07E-09        | -1.07E-09        |
| URI ( $\Delta$ CDF)                                       | -4.66E-09        | -4.66E-09        | -4.66E-09        | -4.66E-09        | -4.66E-09        | -3.56E-09        | -1.97E-09        | -1.97E-09        |
| PLE   | NO               |
| <b>Indicator value</b>                                    | <b>-5.80E-09</b> | <b>-5.80E-09</b> | <b>-5.80E-09</b> | <b>-5.80E-09</b> | <b>-6.20E-09</b> | <b>-4.50E-09</b> | <b>-3.00E-09</b> | <b>-3.00E-09</b> |

### Licensee Comments:

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented in 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model.

## Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

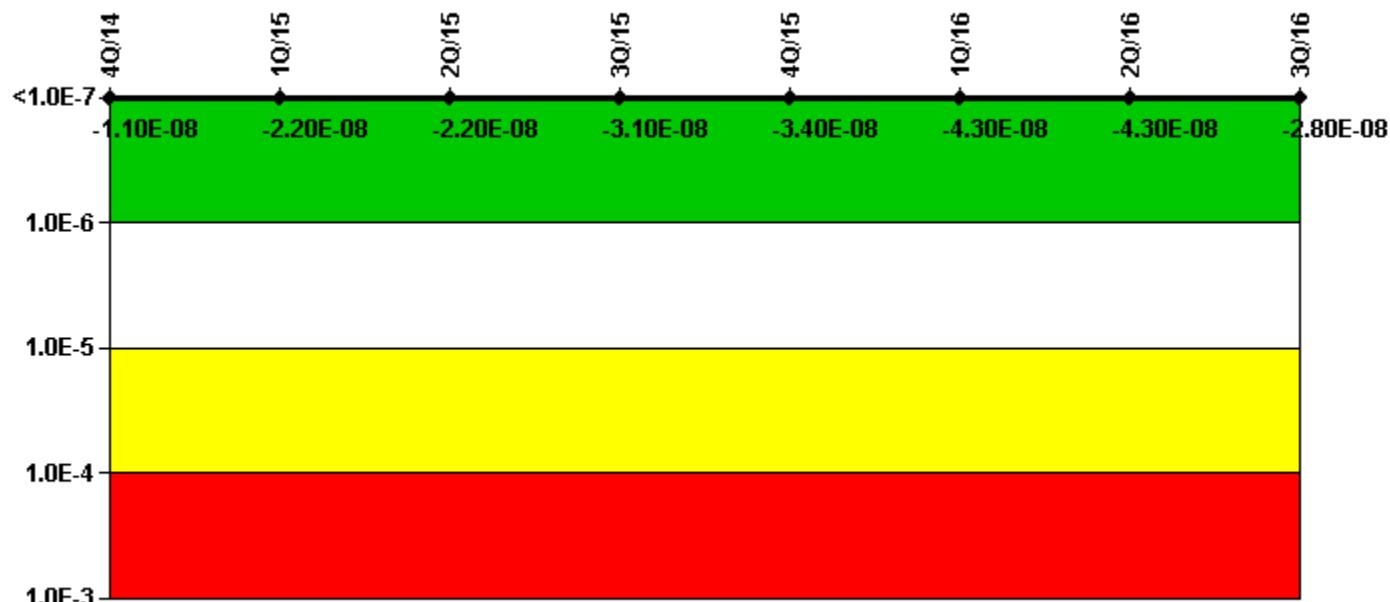
### Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 4Q/14            | 1Q/15            | 2Q/15            | 3Q/15            | 4Q/15            | 1Q/16            | 2Q/16            | 3Q/16            |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)  | -1.31E-08        | -3.50E-08        | -3.50E-08        | -3.50E-08        | -3.50E-08        | -3.42E-08        | -3.46E-08        | -3.46E-08        |
| URI ( $\Delta$ CDF)  | -4.94E-08        | -4.94E-08        | -4.94E-08        | -4.94E-08        | -4.94E-08        | -4.58E-08        | -4.32E-08        | -4.32E-08        |
| PLE  | NO               |
| Indicator value  | <b>-6.20E-08</b> | <b>-8.40E-08</b> | <b>-8.40E-08</b> | <b>-8.40E-08</b> | <b>-8.40E-08</b> | <b>-8.00E-08</b> | <b>-7.80E-08</b> | <b>-7.80E-08</b> |

Licensee Comments:

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented in 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model.

## Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

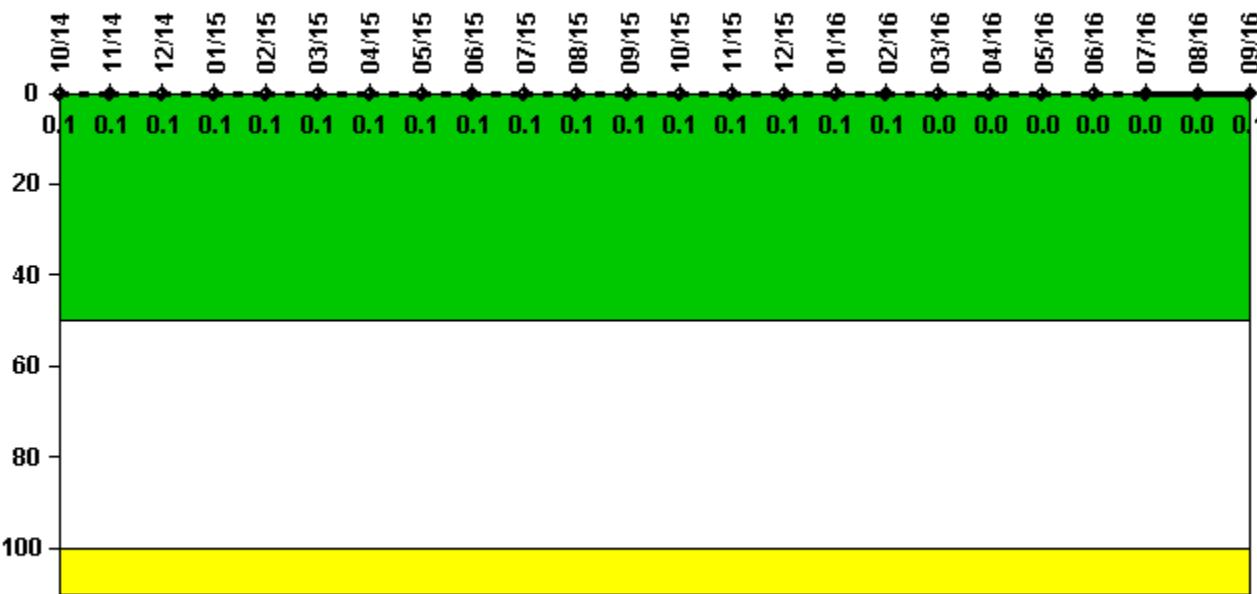
### Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 4Q/14            | 1Q/15            | 2Q/15            | 3Q/15            | 4Q/15            | 1Q/16            | 2Q/16            | 3Q/16            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)   | 5.23E-08         | 4.11E-08         | 4.11E-08         | 3.22E-08         | 2.95E-08         | 8.19E-09         | 7.83E-09         | 2.34E-08         |
| URI ( $\Delta$ CDF)   | -6.33E-08        | -6.33E-08        | -6.33E-08        | -6.33E-08        | -6.33E-08        | -5.17E-08        | -5.12E-08        | -5.12E-08        |
| PLE   | NO               |
| <b>Indicator value</b>                                      | <b>-1.10E-08</b> | <b>-2.20E-08</b> | <b>-2.20E-08</b> | <b>-3.10E-08</b> | <b>-3.40E-08</b> | <b>-4.30E-08</b> | <b>-4.30E-08</b> | <b>-2.80E-08</b> |

Licensee Comments:

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented for 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model.

## **Reactor Coolant System Activity**

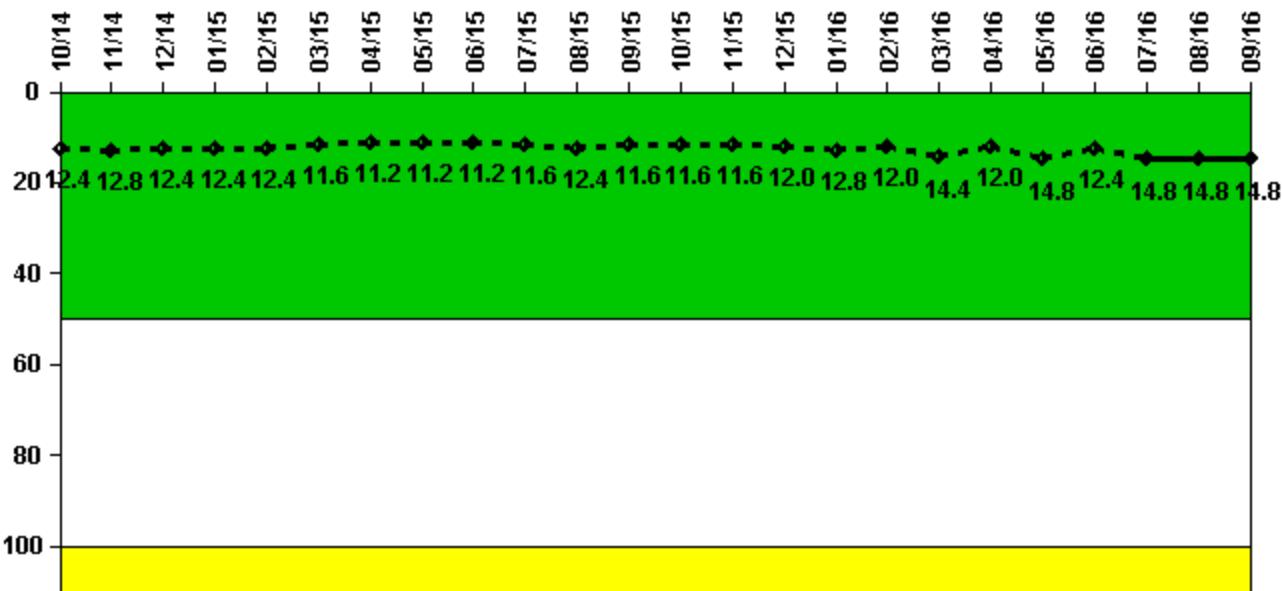


**Thresholds: White > 50.0 Yellow > 100.0**

## Notes

Licensee Comments: none

## Reactor Coolant System Leakage



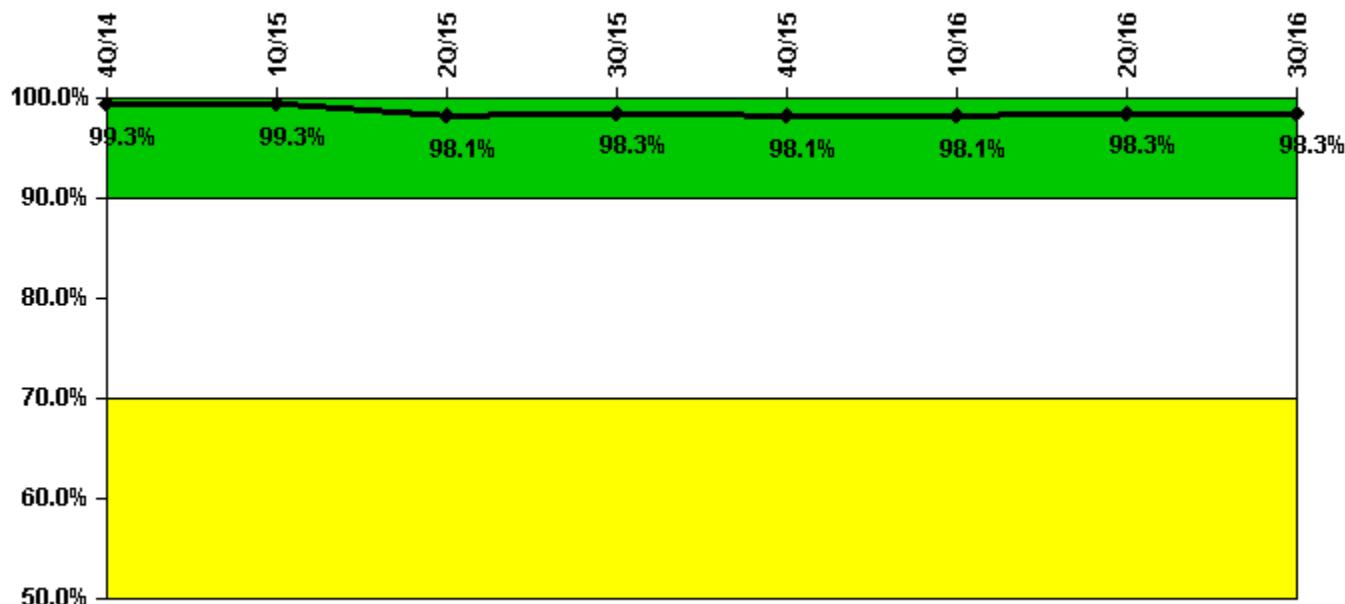
Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Leakage | 10/14 | 11/14 | 12/14 | 1/15  | 2/15  | 3/15  | 4/15  | 5/15  | 6/15  | 7/15  | 8/15  | 9/15  |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage                | 3.100 | 3.200 | 3.100 | 3.100 | 3.100 | 2.900 | 2.800 | 2.800 | 2.800 | 2.900 | 3.100 | 2.900 |
| Indicator value                | 12.4  | 12.8  | 12.4  | 12.4  | 12.4  | 11.6  | 11.2  | 11.2  | 11.2  | 11.6  | 12.4  | 11.6  |
| Reactor Coolant System Leakage | 10/15 | 11/15 | 12/15 | 1/16  | 2/16  | 3/16  | 4/16  | 5/16  | 6/16  | 7/16  | 8/16  | 9/16  |
| Maximum leakage                | 2.900 | 2.900 | 3.000 | 3.200 | 3.000 | 3.600 | 3.000 | 3.700 | 3.100 | 3.700 | 3.700 | 3.700 |
| Technical specification limit  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  |
| Indicator value                | 11.6  | 11.6  | 12.0  | 12.8  | 12.0  | 14.4  | 12.0  | 14.8  | 12.4  | 14.8  | 14.8  | 14.8  |

Licensee Comments: none

### Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

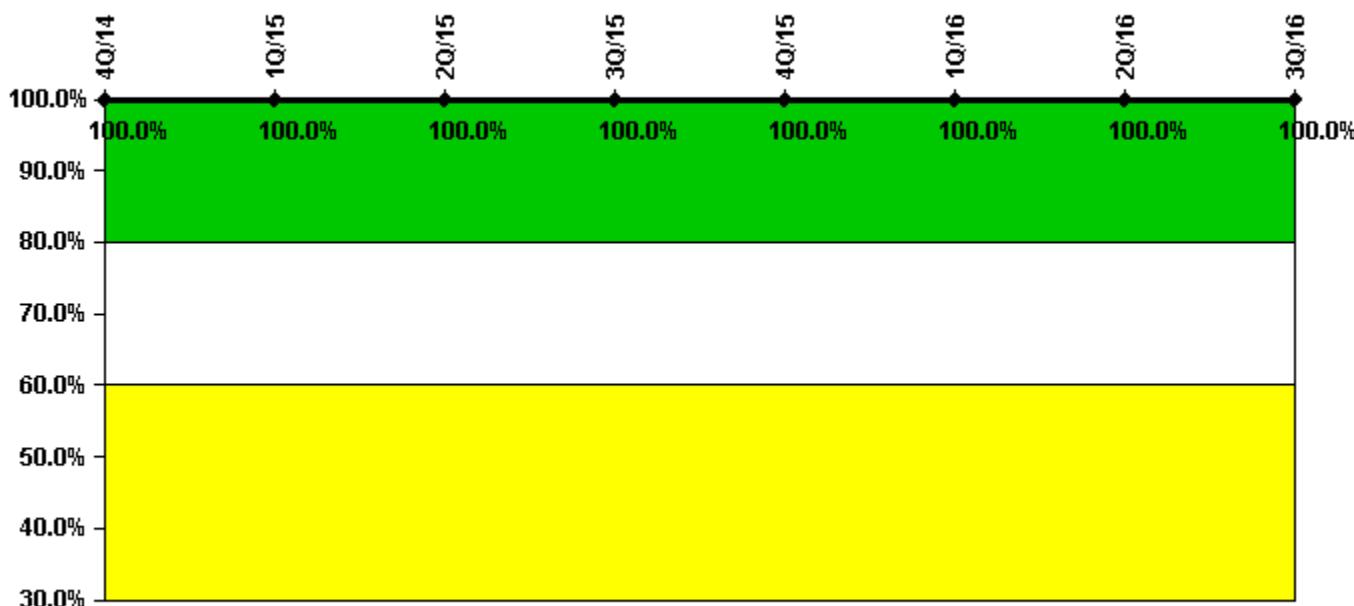
| Drill/Exercise Performance | 4Q/14        | 1Q/15        | 2Q/15        | 3Q/15        | 4Q/15        | 1Q/16        | 2Q/16        | 3Q/16        |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful opportunities   | 42.0         | 46.0         | 108.0        | 62.0         | 63.0         | 13.0         | 141.0        | 98.0         |
| Total opportunities        | 42.0         | 46.0         | 113.0        | 62.0         | 64.0         | 13.0         | 142.0        | 101.0        |
| <b>Indicator value</b>     | <b>99.3%</b> | <b>99.3%</b> | <b>98.1%</b> | <b>98.3%</b> | <b>98.1%</b> | <b>98.1%</b> | <b>98.3%</b> | <b>98.3%</b> |

#### Licensee Comments:

1Q/16: During an internal assessment, it was discovered that credit taken in June 2015 did not include opportunities that should have been counted. This was corrected by increasing the number of successful drill, exercise & event opportunities from 32 to 35, and increasing the number of total drill, exercise & event opportunities from 32 to 36. This issue has been entered into the corrective action program and does not result in a change to the performance indicator color.

4Q/15: During an internal assessment, it was discovered that credit was taken in April 2015 for an opportunity that should not have been counted. This was corrected by decreasing the number of total drill, exercise and event opportunities from 51 to 50 for April 2015. This issue, which did not result in a change to performance indicator color, has been entered into the corrective action program.

### **ERO Drill Participation**



Thresholds: White < 80.0% Yellow < 60.0%

#### **Notes**

| <b>ERO Drill Participation</b> | <b>4Q/14</b>  | <b>1Q/15</b>  | <b>2Q/15</b>  | <b>3Q/15</b>  | <b>4Q/15</b>  | <b>1Q/16</b>  | <b>2Q/16</b>  | <b>3Q/16</b>  |
|--------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Participating Key personnel    | 69.0          | 71.0          | 68.0          | 68.0          | 67.0          | 67.0          | 63.0          | 62.0          |
| Total Key personnel            | 69.0          | 71.0          | 68.0          | 68.0          | 67.0          | 67.0          | 63.0          | 62.0          |
| <b>Indicator value</b>         | <b>100.0%</b> |

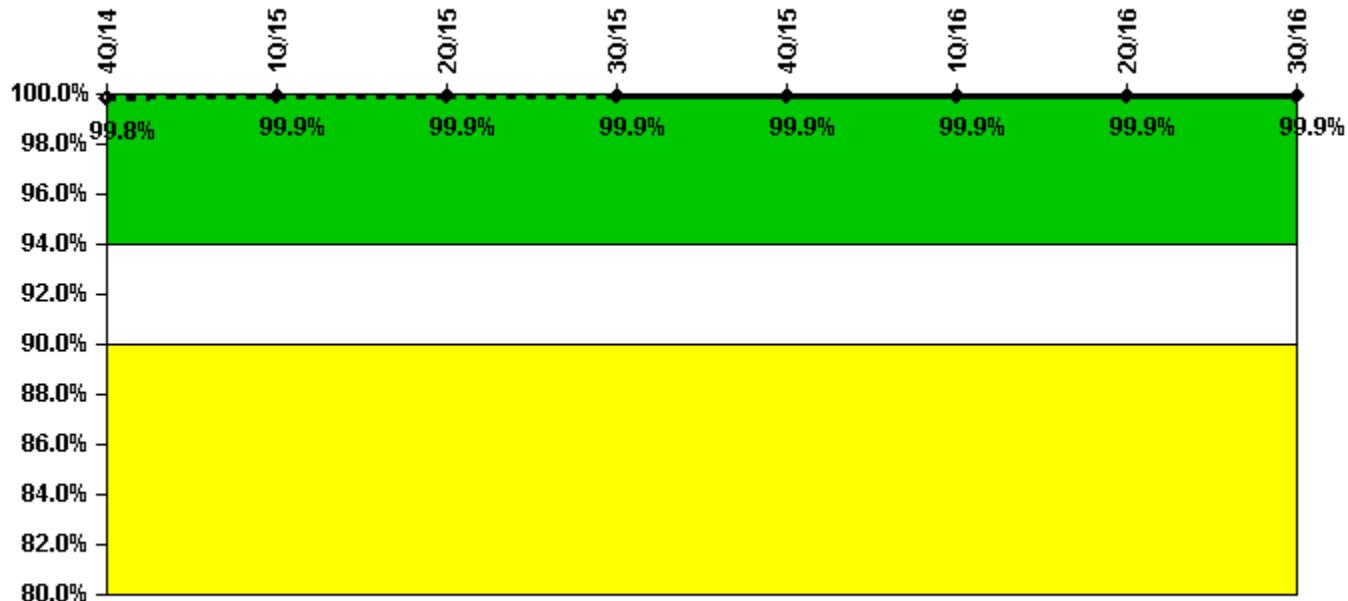
#### Licensee Comments:

1Q/16: During an internal assessment, it was discovered that credit taken in February and March 2016 did not include participations that should have been counted. This was corrected by increasing the number of participating key personnel and total key personnel by two for February and March 2016. This issue has been entered into the corrective action program and does not result in a change to the performance indicator color.

1Q/15: During an internal assessment, it was discovered that one individual was inadvertently counted as a participating ERO member from May to December 2014. This was corrected by decreasing the number of total and participating key personnel by one for the months in question. This issue, which did not result in a change to performance indicator color, has been entered into the corrective action program. 7/15/16 entry: It was discovered that during an internal assessment, credit taken in January through March 2015 did not include participations that should have been counted. This was corrected by increasing the number of participating key personnel and total key personnel by two for January through March 2015. This issue has been entered into the corrective action program and does not result in a change to the performance indicator color.

1Q/15: During an internal assessment, it was discovered that one individual was inadvertently counted as a participating ERO member from May to December 2014. This was corrected by decreasing the number of total and participating key personnel by one for the months in question. This issue, which did not result in a change to performance indicator color, has been entered into the corrective action program.

### **Alert & Notification System**



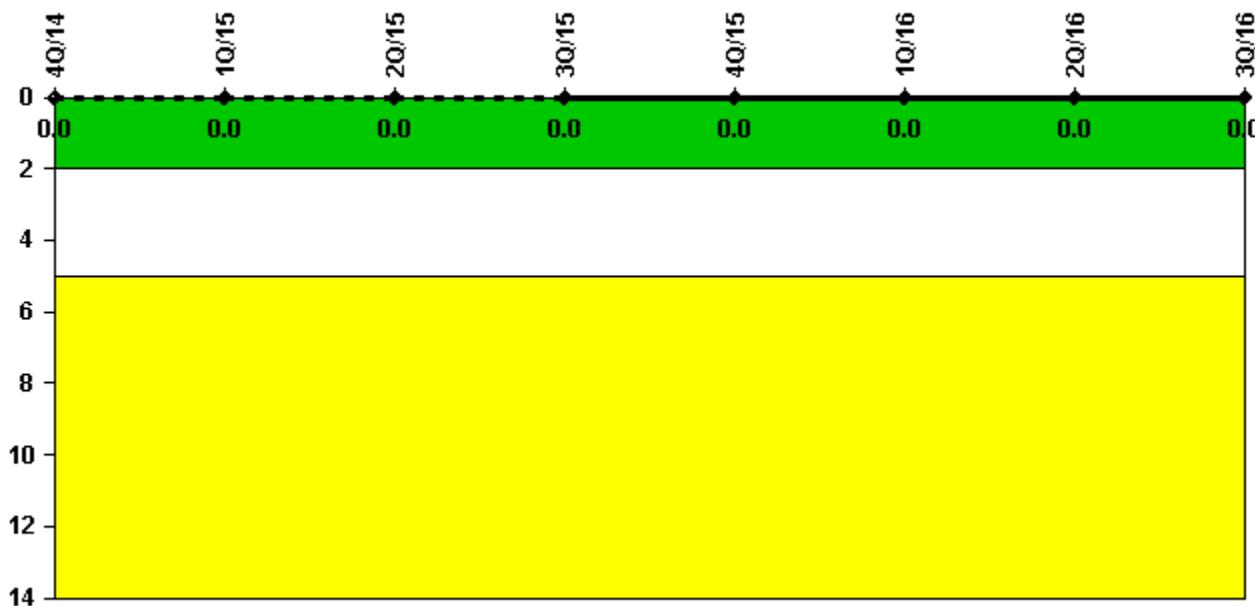
Thresholds: White < 94.0% Yellow < 90.0%

#### **Notes**

| Alert & Notification System | 4Q/14        | 1Q/15        | 2Q/15        | 3Q/15        | 4Q/15        | 1Q/16        | 2Q/16        | 3Q/16        |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests      | 2175         | 2138         | 2173         | 2208         | 2175         | 2175         | 2174         | 2170         |
| Total sirens-tests          | 2176         | 2142         | 2176         | 2210         | 2176         | 2176         | 2176         | 2176         |
| <b>Indicator value</b>      | <b>99.8%</b> | <b>99.9%</b> |

Licensee Comments: none

## **Occupational Exposure Control Effectiveness**



Thresholds: White > 2.0 Yellow > 5.0

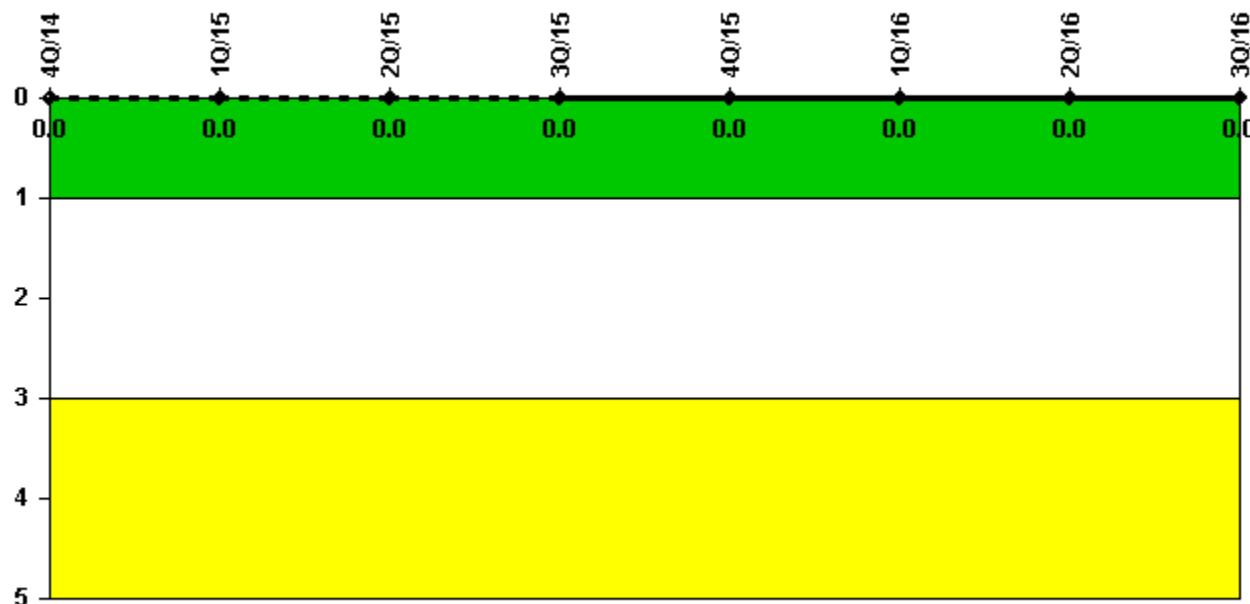
### **Notes**

| <b>Occupational Exposure Control Effectiveness</b> | <b>4Q/14</b> | <b>1Q/15</b> | <b>2Q/15</b> | <b>3Q/15</b> | <b>4Q/15</b> | <b>1Q/16</b> | <b>2Q/16</b> | <b>3Q/16</b> |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| High radiation area occurrences                    | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| Very high radiation area occurrences               | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| Unintended exposure occurrences                    | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| <b>Indicator value</b>                             | <b>0</b>     |

Licensee Comments: none

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## RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

### Notes

| RETS/ODCM Radiological Effluent | 4Q/14    | 1Q/15    | 2Q/15    | 3Q/15    | 4Q/15    | 1Q/16    | 2Q/16    | 3Q/16    |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| RETS/ODCM occurrences           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Indicator value                 | <b>0</b> |

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.



[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

*Last Modified: October 23, 2016*

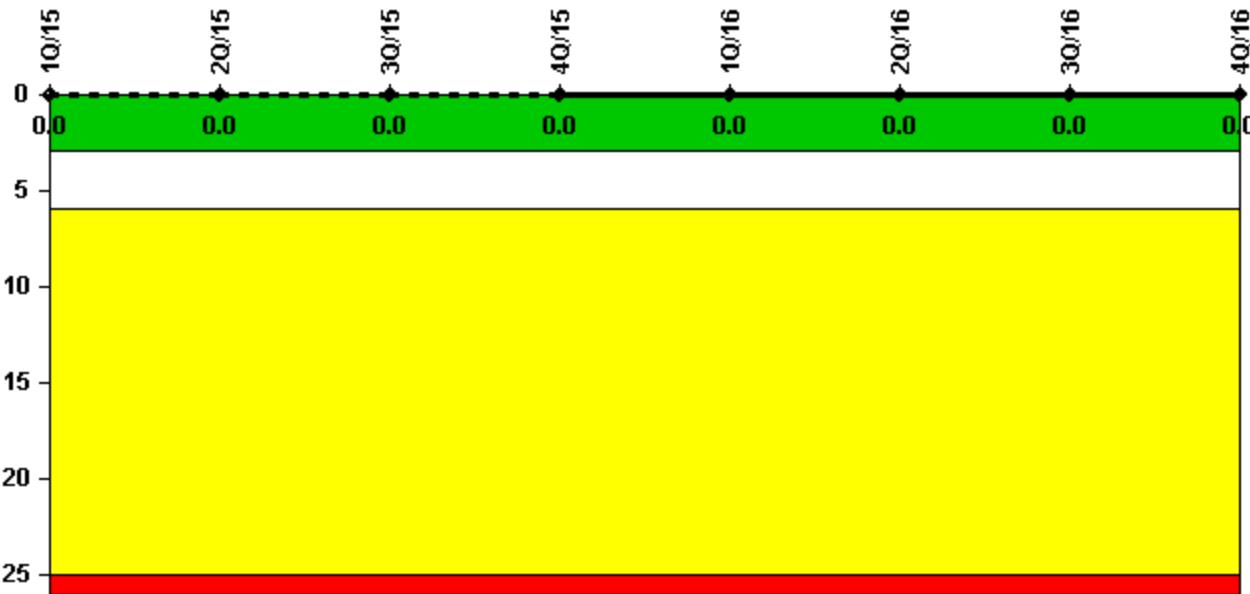
# LaSalle 1

## 4Q/2016 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



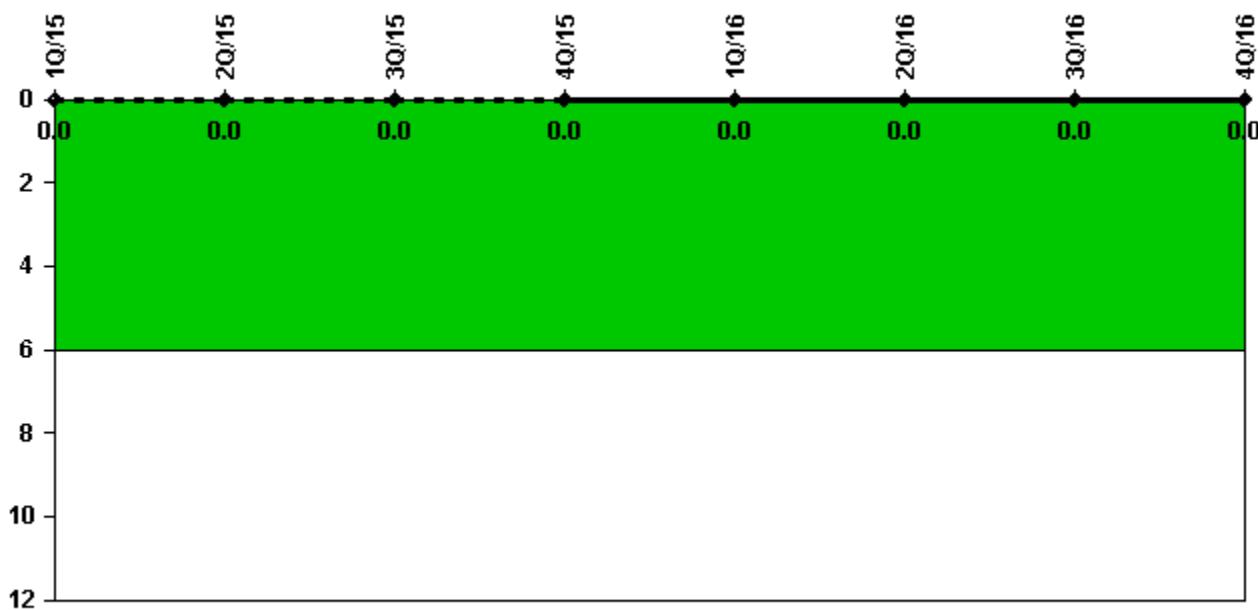
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

| Unplanned Scrams per 7000 Critical Hrs | 1Q/15  | 2Q/15  | 3Q/15  | 4Q/15  | 1Q/16  | 2Q/16  | 3Q/16  | 4Q/16  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Critical hours                         | 2159.0 | 2184.0 | 2208.0 | 2209.0 | 1484.7 | 2184.0 | 2208.0 | 2209.0 |
| Indicator value                        | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |

Licensee Comments: none

### Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

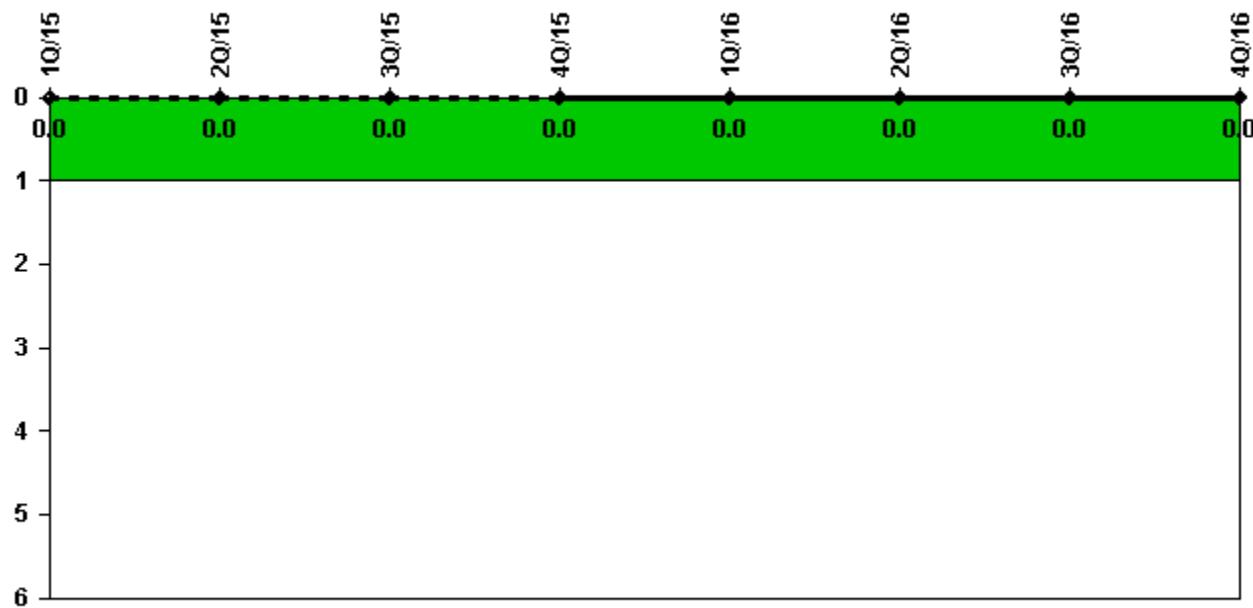
#### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 1Q/15    | 2Q/15    | 3Q/15    | 4Q/15    | 1Q/16    | 2Q/16    | 3Q/16    | 4Q/16    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Unplanned power changes                       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Critical hours                                | 2159.0   | 2184.0   | 2208.0   | 2209.0   | 1484.7   | 2184.0   | 2208.0   | 2209.0   |
| <b>Indicator value</b>                        | <b>0</b> |

Licensee Comments: none

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### **Unplanned Scrams with Complications**



Thresholds: White > 1.0

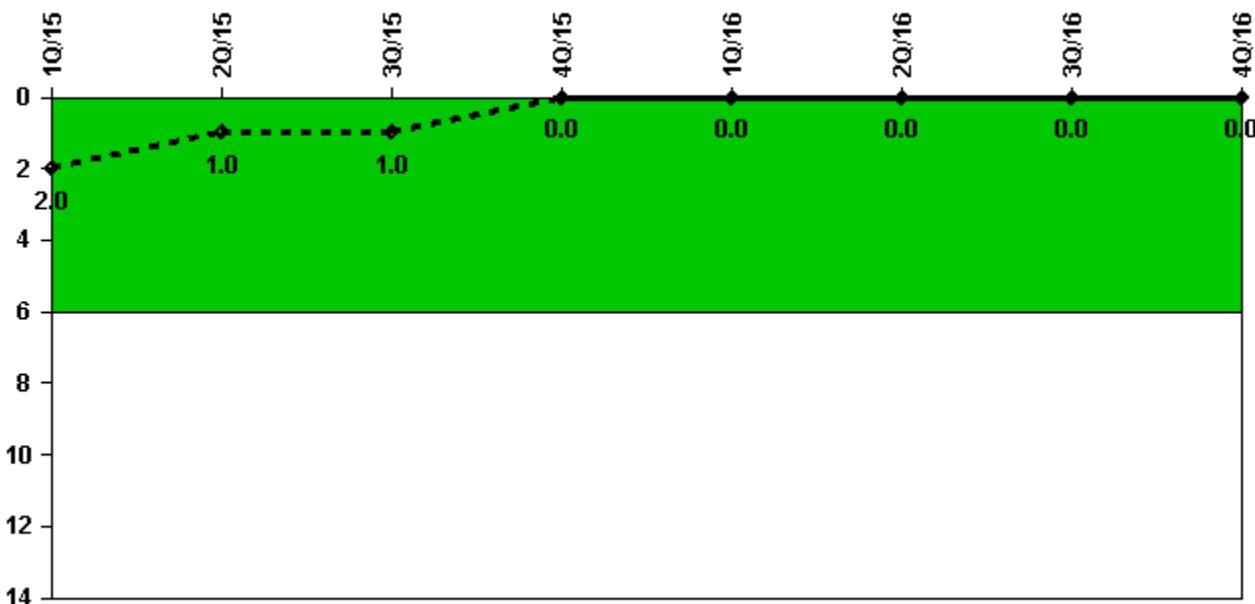
#### **Notes**

| <b>Unplanned Scrams with Complications</b> | <b>1Q/15</b> | <b>2Q/15</b> | <b>3Q/15</b> | <b>4Q/15</b> | <b>1Q/16</b> | <b>2Q/16</b> | <b>3Q/16</b> | <b>4Q/16</b> |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Scrams with complications                  | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
|  |              |              |              |              |              |              |              |              |
|  |              |              |              |              |              |              |              |              |
| <b>Indicator value</b>                     | <b>0.0</b>   |

Licensee Comments: none

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### **Safety System Functional Failures (BWR)**



Thresholds: White > 6.0

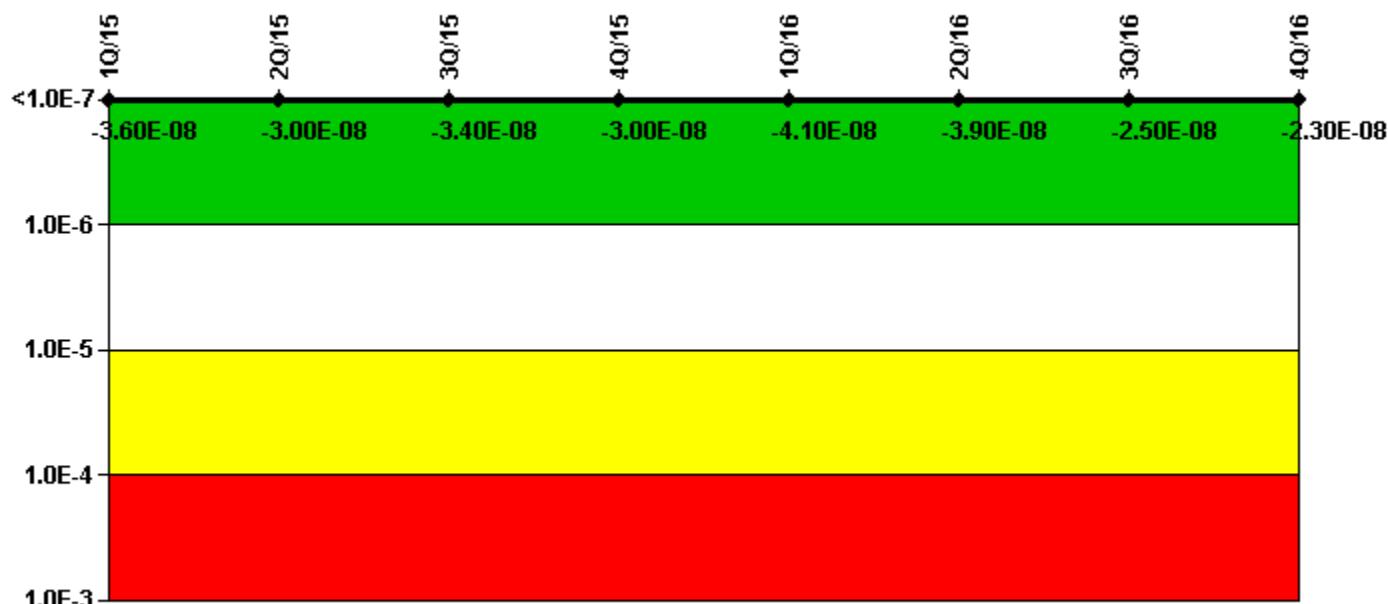
#### **Notes**

| <b>Safety System Functional Failures (BWR)</b> | <b>1Q/15</b> | <b>2Q/15</b> | <b>3Q/15</b> | <b>4Q/15</b> | <b>1Q/16</b> | <b>2Q/16</b> | <b>3Q/16</b> | <b>4Q/16</b> |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Safety System Functional Failures              | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| <b>Indicator value</b>                         | <b>2</b>     | <b>1</b>     | <b>1</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     |

Licensee Comments: none

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## Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 1Q/15            | 2Q/15            | 3Q/15            | 4Q/15            | 1Q/16            | 2Q/16            | 3Q/16            | 4Q/16            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)   | -6.29E-09        | -3.74E-10        | -4.38E-09        | 3.81E-10         | -4.76E-09        | -5.16E-09        | 8.86E-09         | 1.11E-08         |
| URI ( $\Delta$ CDF)   | -2.99E-08        | -2.99E-08        | -2.99E-08        | -2.99E-08        | -3.60E-08        | -3.38E-08        | -3.38E-08        | -3.38E-08        |
| PLE   | NO               |
| <b>Indicator value</b>  | <b>-3.60E-08</b> | <b>-3.00E-08</b> | <b>-3.40E-08</b> | <b>-3.00E-08</b> | <b>-4.10E-08</b> | <b>-3.90E-08</b> | <b>-2.50E-08</b> | <b>-2.30E-08</b> |

### Licensee Comments:

4Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

3Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

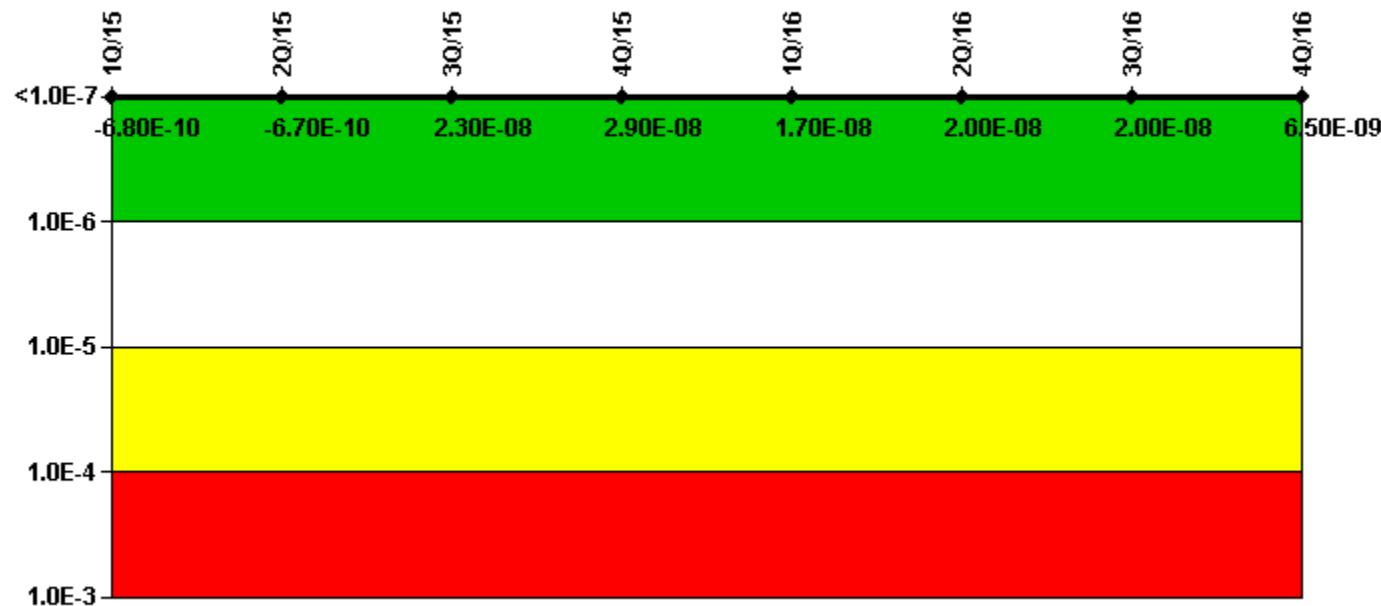
2Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented in the 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model. 1/4/17:

CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented in the 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model.

### Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 1Q/15            | 2Q/15            | 3Q/15           | 4Q/15           | 1Q/16           | 2Q/16           | 3Q/16           | 4Q/16           |
|--|------------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| UAI ( $\Delta$ CDF)  | 1.23E-08         | 1.23E-08         | 3.58E-08        | 4.18E-08        | 2.76E-08        | 2.99E-08        | 2.90E-08        | 1.59E-08        |
| URI ( $\Delta$ CDF)  | -1.30E-08        | -1.30E-08        | -1.30E-08       | -1.30E-08       | -1.01E-08       | -9.41E-09       | -9.41E-09       | -9.41E-09       |
| PLE  | NO               | NO               | NO              | NO              | NO              | NO              | NO              | NO              |
| Indicator value  | <b>-6.80E-10</b> | <b>-6.70E-10</b> | <b>2.30E-08</b> | <b>2.90E-08</b> | <b>1.70E-08</b> | <b>2.00E-08</b> | <b>2.00E-08</b> | <b>6.50E-09</b> |

### Licensee Comments:

4Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

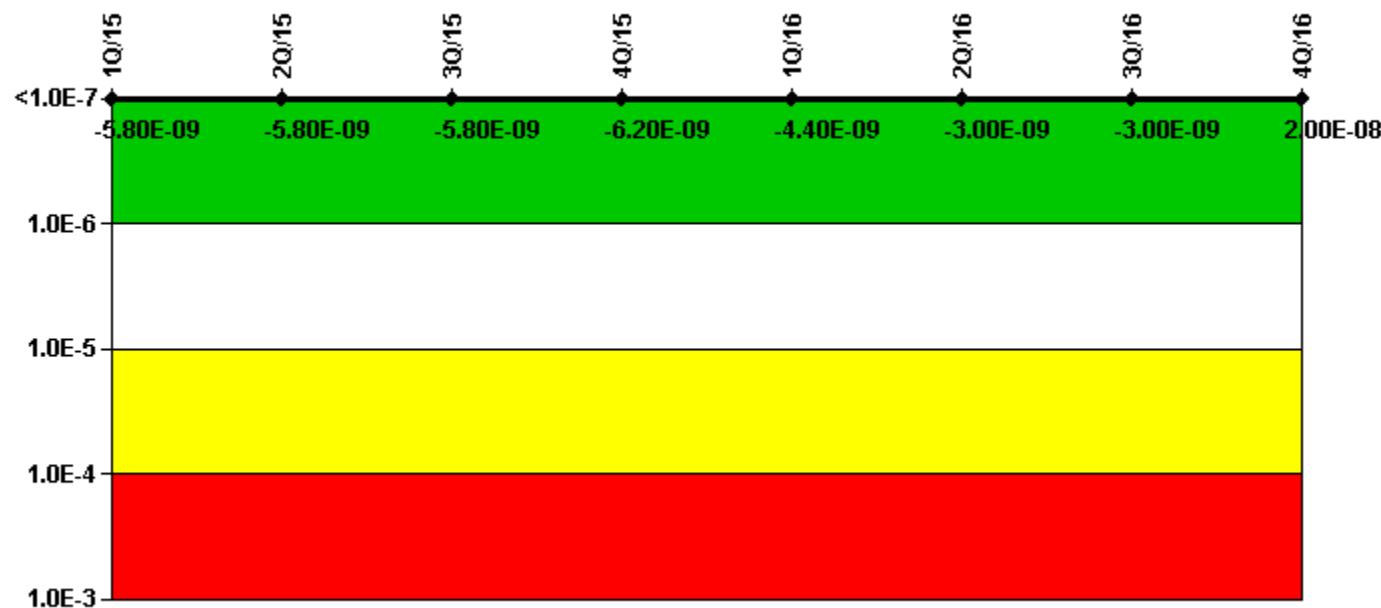
3Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

2Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented in the 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model. 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented in the 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model.

### Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Heat Removal System | 1Q/15     | 2Q/15     | 3Q/15     | 4Q/15     | 1Q/16     | 2Q/16     | 3Q/16     | 4Q/16    |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|
| UAI ( $\Delta$ CDF)                                       | -1.16E-09 | -1.16E-09 | -1.16E-09 | -1.52E-09 | -9.12E-10 | -1.06E-09 | -1.06E-09 | 4.46E-10 |
| URI ( $\Delta$ CDF)                                       | -4.66E-09 | -4.66E-09 | -4.66E-09 | -4.66E-09 | -3.51E-09 | -1.94E-09 | -1.94E-09 | 1.93E-08 |
| PLE   | NO        | NO       |

|                        |                  |                  |                  |                  |                  |                  |                  |                 |
|------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------|
| <b>Indicator value</b> | <b>-5.80E-09</b> | <b>-5.80E-09</b> | <b>-5.80E-09</b> | <b>-6.20E-09</b> | <b>-4.40E-09</b> | <b>-3.00E-09</b> | <b>-3.00E-09</b> | <b>2.00E-08</b> |
|------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------|

## Licensee Comments:

4Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

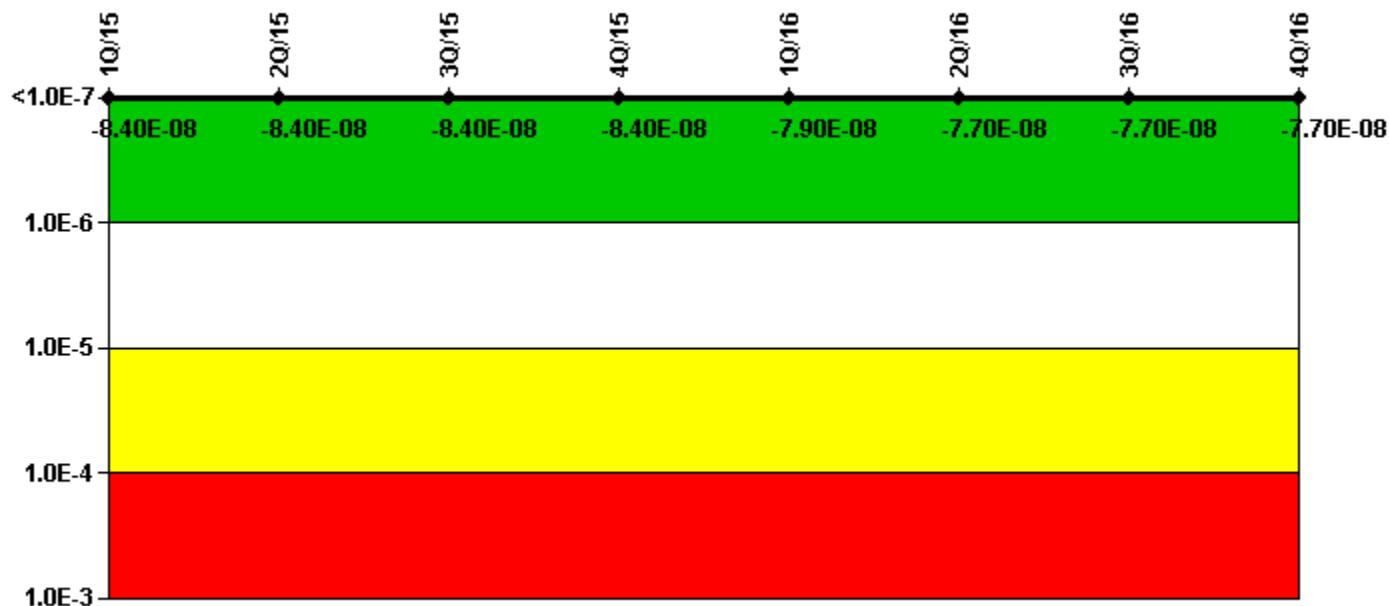
3Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

2Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented in 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model. 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented in 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model.

## Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 1Q/15            | 2Q/15            | 3Q/15            | 4Q/15            | 1Q/16            | 2Q/16            | 3Q/16            | 4Q/16            |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)  | -3.50E-08        | -3.50E-08        | -3.50E-08        | -3.50E-08        | -3.37E-08        | -3.41E-08        | -3.41E-08        | -3.41E-08        |
| URI ( $\Delta$ CDF)  | -4.94E-08        | -4.94E-08        | -4.94E-08        | -4.94E-08        | -4.52E-08        | -4.26E-08        | -4.26E-08        | -4.26E-08        |
| PLE  | NO               |
| <b>Indicator value</b>   | <b>-8.40E-08</b> | <b>-8.40E-08</b> | <b>-8.40E-08</b> | <b>-8.40E-08</b> | <b>-7.90E-08</b> | <b>-7.70E-08</b> | <b>-7.70E-08</b> | <b>-7.70E-08</b> |

### Licensee Comments:

4Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

3Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

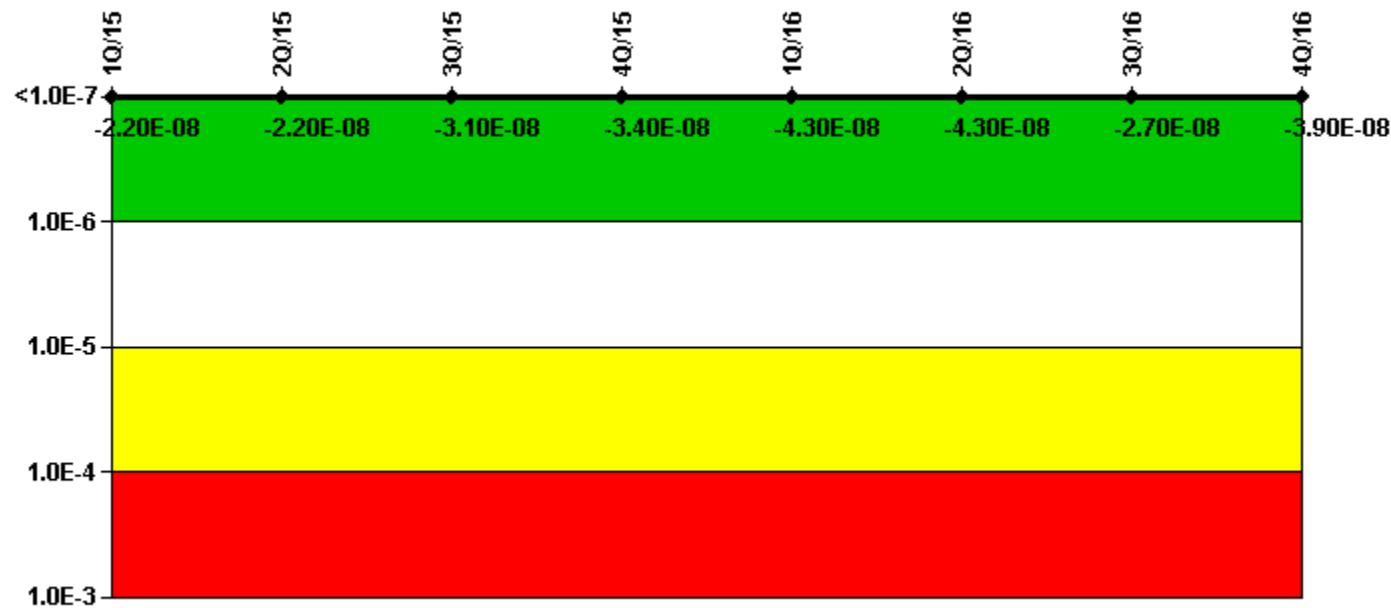
2Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented in 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model. 1/4/17: CDF

value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented in 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model.

### Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 1Q/15            | 2Q/15            | 3Q/15            | 4Q/15            | 1Q/16            | 2Q/16            | 3Q/16            | 4Q/16            |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF)   | 4.11E-08         | 4.11E-08         | 3.22E-08         | 2.95E-08         | 8.07E-09         | 7.71E-09         | 2.31E-08         | 1.14E-08         |
| URI ( $\Delta$ CDF)   | -6.33E-08        | -6.33E-08        | -6.33E-08        | -6.33E-08        | -5.09E-08        | -5.05E-08        | -5.05E-08        | -5.05E-08        |
| PLE   | NO               |
| Indicator value   | <b>-2.20E-08</b> | <b>-2.20E-08</b> | <b>-3.10E-08</b> | <b>-3.40E-08</b> | <b>-4.30E-08</b> | <b>-4.30E-08</b> | <b>-2.70E-08</b> | <b>-3.90E-08</b> |

### Licensee Comments:

4Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

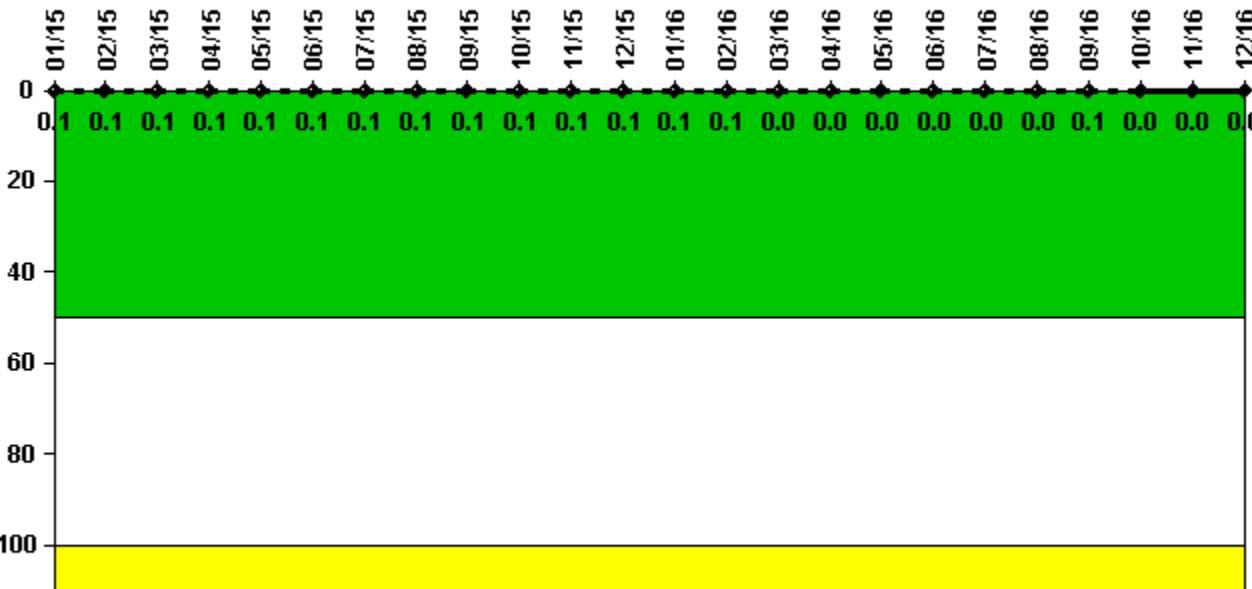
3Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

2Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented for 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model. 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented for 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model.

### Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

### Notes

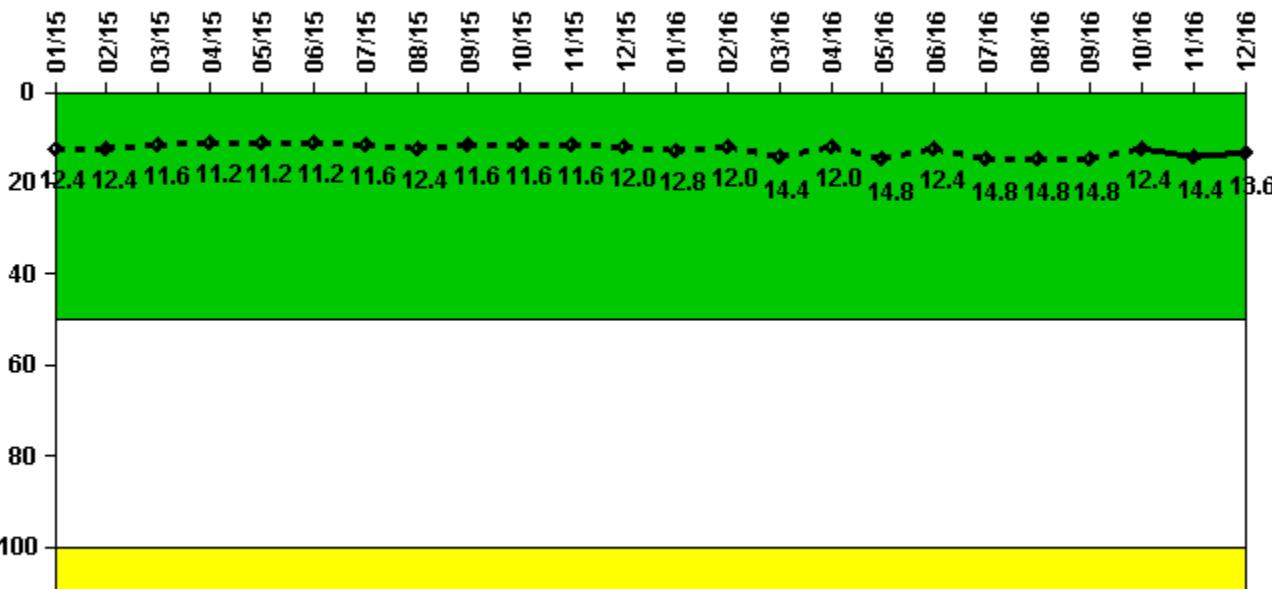
| Reactor Coolant System Activity | 1/15     | 2/15     | 3/15     | 4/15     | 5/15     | 6/15     | 7/15     | 8/15     | 9/15     | 10/15    | 11/15    | 12/15    |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity                | 0.000105 | 0.000122 | 0.000118 | 0.000142 | 0.000145 | 0.000190 | 0.000152 | 0.000187 | 0.000160 | 0.000135 | 0.000130 | 0.000133 |

|  |             |             |             |             |             |             |             |             |             |              |              |              |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|
| Technical specification limit          | 0.2         | 0.2         | 0.2         | 0.2         | 0.2         | 0.2         | 0.2         | 0.2         | 0.2         | 0.2          | 0.2          | 0.2          |
| <b>Indicator value</b>                 | <b>0.1</b>   | <b>0.1</b>   | <b>0.1</b>   |
| <b>Reactor Coolant System Activity</b> | <b>1/16</b> | <b>2/16</b> | <b>3/16</b> | <b>4/16</b> | <b>5/16</b> | <b>6/16</b> | <b>7/16</b> | <b>8/16</b> | <b>9/16</b> | <b>10/16</b> | <b>11/16</b> | <b>12/16</b> |
| Maximum activity                       | 0.0000115   | 0.0000110   | 0.0000048   | 0.0000053   | 0.0000049   | 0.0000054   | 0.0000092   | 0.0000070   | 0.0000107   | 0.0000079    | 0.0000075    | 0.0000078    |
| Technical specification limit          | 0.2         | 0.2         | 0.2         | 0.2         | 0.2         | 0.2         | 0.2         | 0.2         | 0.2         | 0.2          | 0.2          | 0.2          |
| <b>Indicator value</b>                 | <b>0.1</b>  | <b>0.1</b>  | <b>0</b>    | <b>0</b>    | <b>0</b>    | <b>0</b>    | <b>0</b>    | <b>0</b>    | <b>0.1</b>  | <b>0</b>     | <b>0</b>     | <b>0</b>     |

Licensee Comments: none

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### Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

### Notes

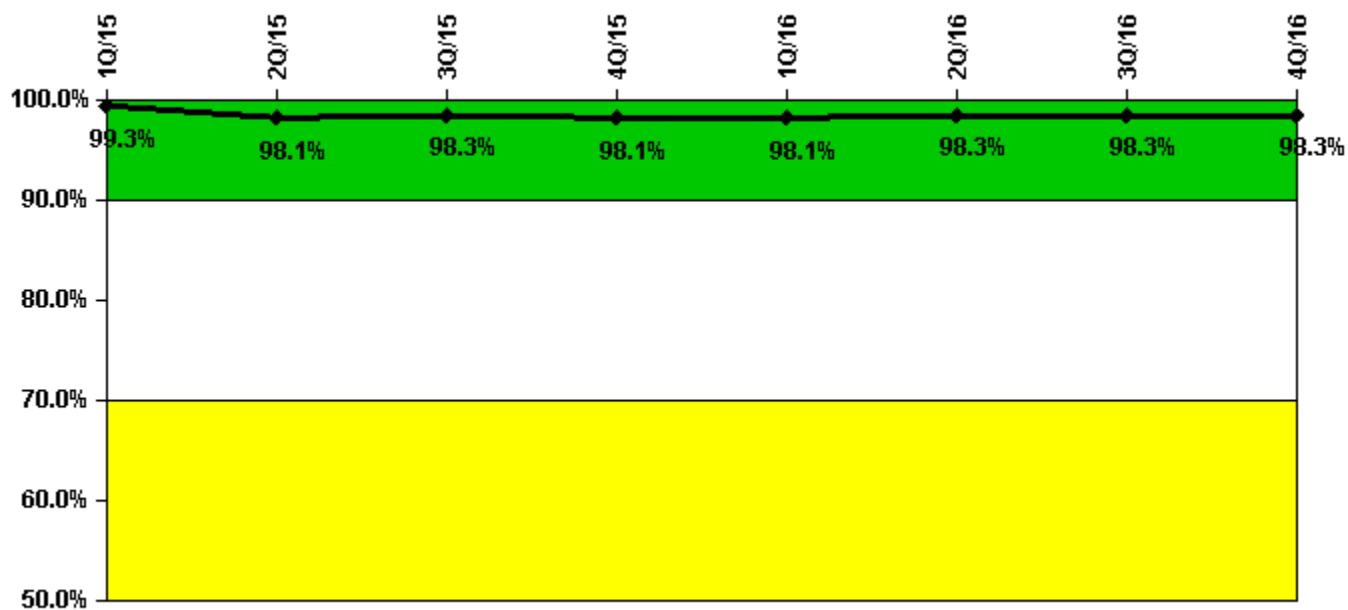
|                                |      |      |      |      |      |      |      |      |      |       |       |       |
|--------------------------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|
| Reactor Coolant System Leakage | 1/15 | 2/15 | 3/15 | 4/15 | 5/15 | 6/15 | 7/15 | 8/15 | 9/15 | 10/15 | 11/15 | 12/15 |
|--------------------------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|

|                                       |             |             |             |             |             |             |             |             |             |              |              |              |
|---------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|
| Maximum leakage                       | 3.100       | 3.100       | 2.900       | 2.800       | 2.800       | 2.800       | 2.900       | 3.100       | 2.900       | 2.900        | 2.900        | 3.000        |
| Technical specification limit         | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0         | 25.0         | 25.0         |
| <b>Indicator value</b>                | <b>12.4</b> | <b>12.4</b> | <b>11.6</b> | <b>11.2</b> | <b>11.2</b> | <b>11.2</b> | <b>11.6</b> | <b>12.4</b> | <b>11.6</b> | <b>11.6</b>  | <b>11.6</b>  | <b>12.0</b>  |
| <b>Reactor Coolant System Leakage</b> | <b>1/16</b> | <b>2/16</b> | <b>3/16</b> | <b>4/16</b> | <b>5/16</b> | <b>6/16</b> | <b>7/16</b> | <b>8/16</b> | <b>9/16</b> | <b>10/16</b> | <b>11/16</b> | <b>12/16</b> |
| Maximum leakage                       | 3.200       | 3.000       | 3.600       | 3.000       | 3.700       | 3.100       | 3.700       | 3.700       | 3.700       | 3.100        | 3.600        | 3.400        |
| Technical specification limit         | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0        | 25.0         | 25.0         | 25.0         |
| <b>Indicator value</b>                | <b>12.8</b> | <b>12.0</b> | <b>14.4</b> | <b>12.0</b> | <b>14.8</b> | <b>12.4</b> | <b>14.8</b> | <b>14.8</b> | <b>14.8</b> | <b>12.4</b>  | <b>14.4</b>  | <b>13.6</b>  |

Licensee Comments: none

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### Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

### Notes

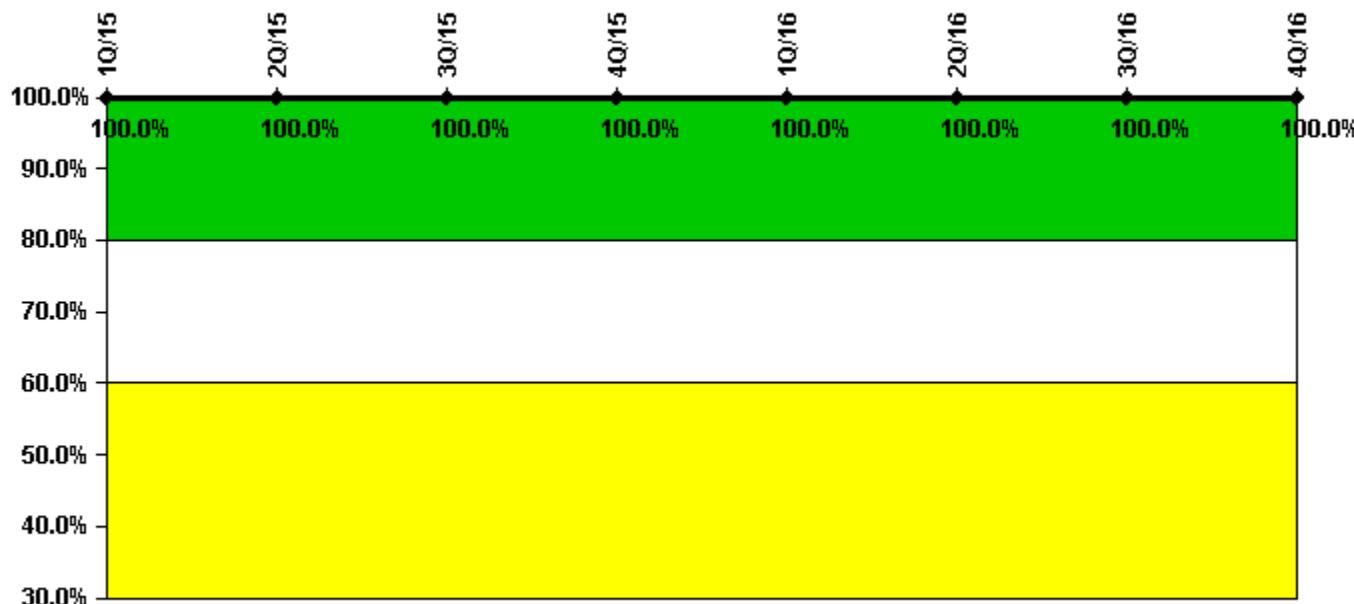
| Drill/Exercise Performance | 1Q/15        | 2Q/15        | 3Q/15        | 4Q/15        | 1Q/16        | 2Q/16        | 3Q/16        | 4Q/16        |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful opportunities   | 46.0         | 108.0        | 62.0         | 63.0         | 13.0         | 141.0        | 98.0         | 36.0         |
| Total opportunities        | 46.0         | 113.0        | 62.0         | 64.0         | 13.0         | 142.0        | 101.0        | 36.0         |
| <b>Indicator value</b>     | <b>99.3%</b> | <b>98.1%</b> | <b>98.3%</b> | <b>98.1%</b> | <b>98.1%</b> | <b>98.3%</b> | <b>98.3%</b> | <b>98.3%</b> |

**Licensee Comments:**

1Q/16: During an internal assessment, it was discovered that credit taken in June 2015 did not include opportunities that should have been counted. This was corrected by increasing the number of successful drill, exercise & event opportunities from 32 to 35, and increasing the number of total drill, exercise & event opportunities from 32 to 36. This issue has been entered into the corrective action program and does not result in a change to the performance indicator color.

4Q/15: During an internal assessment, it was discovered that credit was taken in April 2015 for an opportunity that should not have been counted. This was corrected by decreasing the number of total drill, exercise and event opportunities from 51 to 50 for April 2015. This issue, which did not result in a change to performance indicator color, has been entered into the corrective action program.

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**ERO Drill Participation**

Thresholds: White < 80.0% Yellow < 60.0%

**Notes**

| ERO Drill Participation     | 1Q/15         | 2Q/15         | 3Q/15         | 4Q/15         | 1Q/16         | 2Q/16         | 3Q/16         | 4Q/16         |
|-----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Participating Key personnel | 71.0          | 68.0          | 68.0          | 67.0          | 67.0          | 63.0          | 62.0          | 62.0          |
| Total Key personnel         | 71.0          | 68.0          | 68.0          | 67.0          | 67.0          | 63.0          | 62.0          | 62.0          |
| <b>Indicator value</b>      | <b>100.0%</b> |

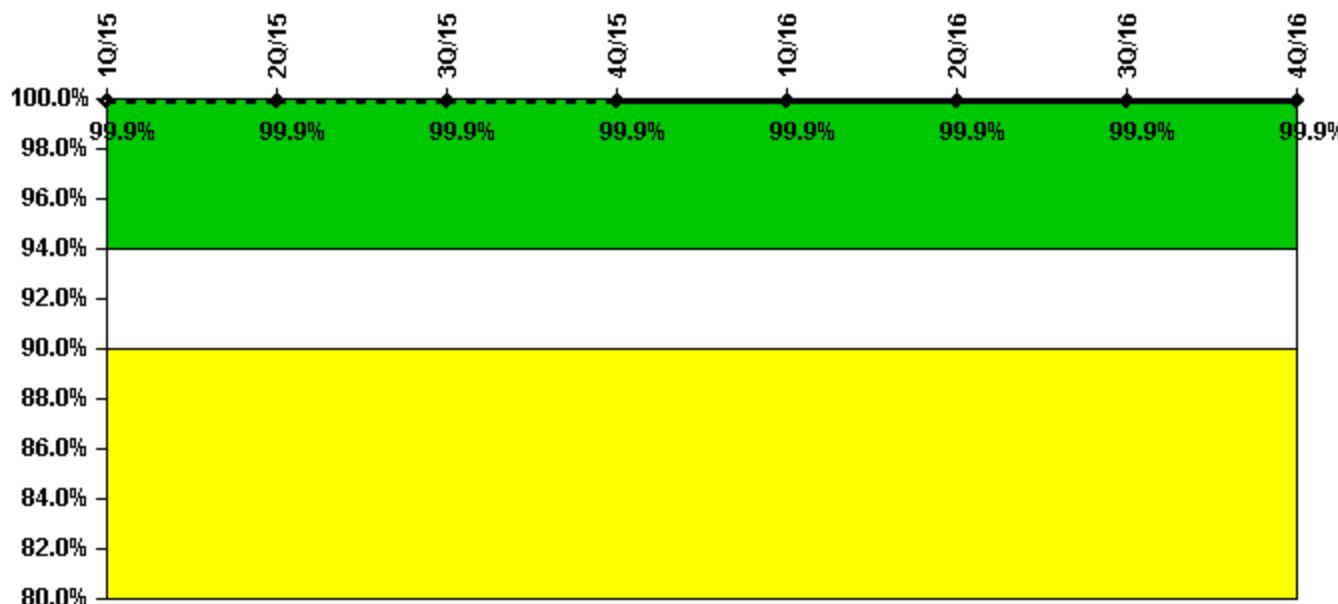
**Licensee Comments:**

1Q/16: During an internal assessment, it was discovered that credit taken in February and March 2016 did not include participations that should have been counted. This was corrected by increasing the number of participating key personnel and total key personnel by two for February and March 2016. This issue has been entered into the corrective action program and does not result in a change to the performance indicator color.

1Q/15: During an internal assessment, it was discovered that one individual was inadvertently counted as a participating ERO member from May to December 2014. This was corrected by decreasing the number of total and participating key personnel by one for the months in question. This issue, which did not result in a change to performance indicator color, has been entered into the corrective action program. 7/15/16 entry: It was discovered that during an internal assessment, credit taken in January through March 2015 did not include participations that should have been counted. This was corrected by increasing the number of participating key personnel and total key personnel by two for January through March 2015. This issue has been entered into the corrective action program and does not result in a change to the performance indicator color.

1Q/15: During an internal assessment, it was discovered that one individual was inadvertently counted as a participating ERO member from May to December 2014. This was corrected by decreasing the number of total and participating key personnel by one for the months in question. This issue, which did not result in a change to performance indicator color, has been entered into the corrective action program.

### **Alert & Notification System**



Thresholds: White < 94.0% Yellow < 90.0%

### **Notes**

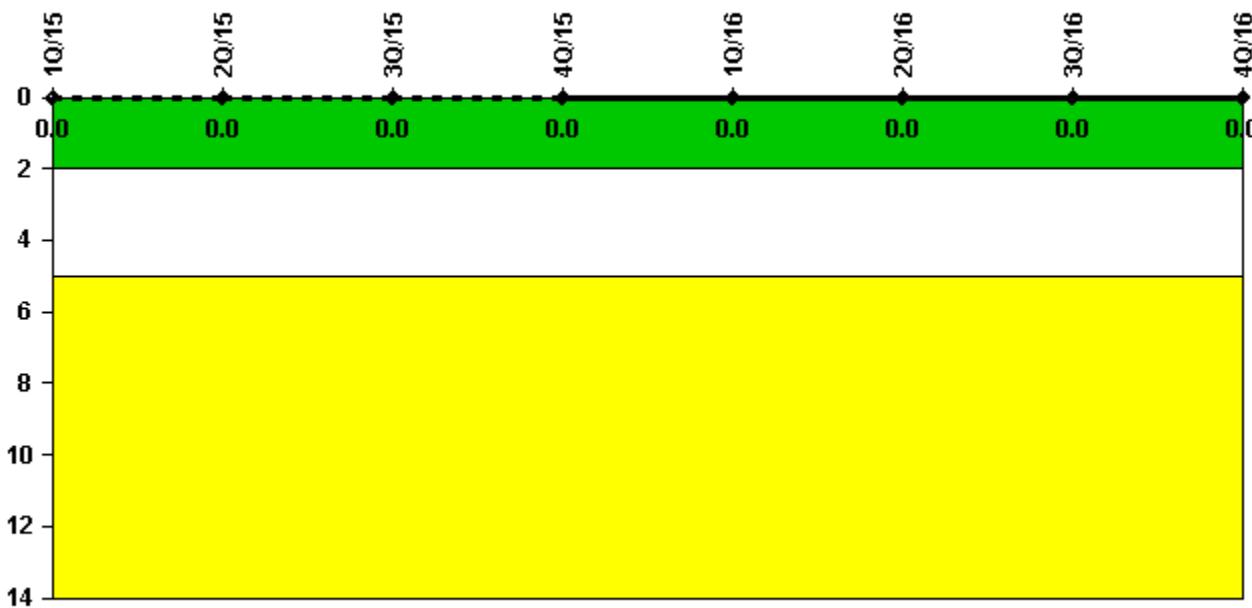
| Alert & Notification System | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests      | 2138  | 2173  | 2208  | 2175  | 2175  | 2174  | 2170  | 2106  |
| Total sirens-tests          | 2142  | 2176  | 2210  | 2176  | 2176  | 2176  | 2176  | 2108  |

| Indicator value | 99.9% | 99.9% | 99.9% | 99.9% | 99.9% | 99.9% | 99.9% | 99.9% |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|

Licensee Comments: none

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### Occupational Exposure Control Effectiveness



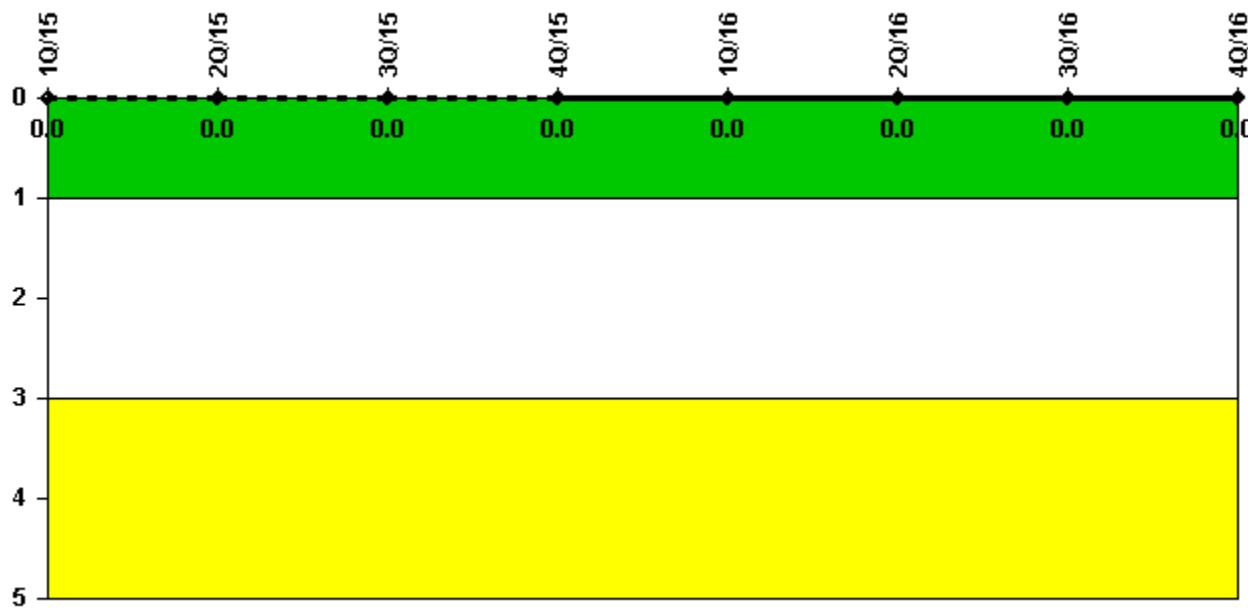
Thresholds: White > 2.0 Yellow > 5.0

### Notes

| Occupational Exposure Control Effectiveness | 1Q/15    | 2Q/15    | 3Q/15    | 4Q/15    | 1Q/16    | 2Q/16    | 3Q/16    | 4Q/16    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>0</b> |

Licensee Comments: none

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**RETS/ODCM Radiological Effluent**

Thresholds: White > 1.0 Yellow > 3.0

**Notes**

| RETS/ODCM Radiological Effluent | 1Q/15    | 2Q/15    | 3Q/15    | 4Q/15    | 1Q/16    | 2Q/16    | 3Q/16    | 4Q/16    |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| RETS/ODCM occurrences           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>          | <b>0</b> |

Licensee Comments: none

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Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

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[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

*Last Modified: January 24, 2017*



Home > Nuclear Reactors > Operating Reactors > Reactor Oversight Process > Plant Summaries > La Salle 1 > Quarterly Performance Indicators

## **La Salle 1 – Quarterly Performance Indicators**

### **1Q/2017 Performance Indicators**

The solid trend line represents the current reporting period.

Licensee's General Comments: none

On this page:

- Unplanned Scrams (IE01)
- Unplanned Power Changes per 7000 Critical Hours (IE03)
- Unplanned Scrams with Complications (IE04)
- Safety System Functional Failures (MS05)
- Emergency AC Power Systems (MS06)
- High Pressure Injection Systems (MS07)
- Heat Removal Systems (MS08)
- Residual Heat Removal Systems (MS09)
- Cooling Water Systems (MS10)
- Reactor Coolant System Activity (BI01)
- Reactor Coolant System Leakage (BI02)
- Drill/Exercise Performance (EP01)
- Emergency Response Organization Drill Participation (EP02)
- Alert and Notification System Reliability (EP03)
- Occupational Exposure Control Effectiveness (OR01)
- RETS/OCDM Radiological Effluent Occurrence (PR01)
- Protected Area Equipment (PP01)

### **Unplanned Scrams per 7000 Critical Hrs**



**Thresholds:** White > 3.0 Yellow > 6.0 Red > 25.0

## Notes

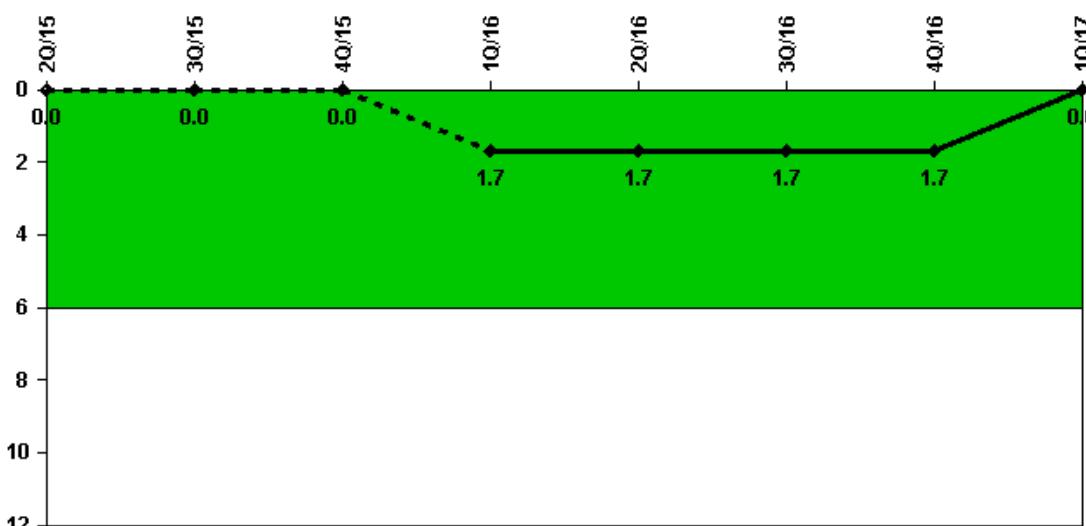
| <b>Unplanned Scrams per 7000 Critical Hrs</b> | <b>2Q/15</b> | <b>3Q/15</b> | <b>4Q/15</b> | <b>1Q/16</b> | <b>2Q/16</b> | <b>3Q/16</b> | <b>4Q/16</b> | <b>1Q/17</b> |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Unplanned scrams                              | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 2.0          |
| Critical hours                                | 2184.0       | 2208.0       | 2209.0       | 1484.7       | 2184.0       | 2208.0       | 2209.0       | 2084.6       |

### Indicator value



Licensee Comments: none

## **Unplanned Power Changes per 7000 Critical Hrs**



Thresholds: White > 6.0

**Notes**

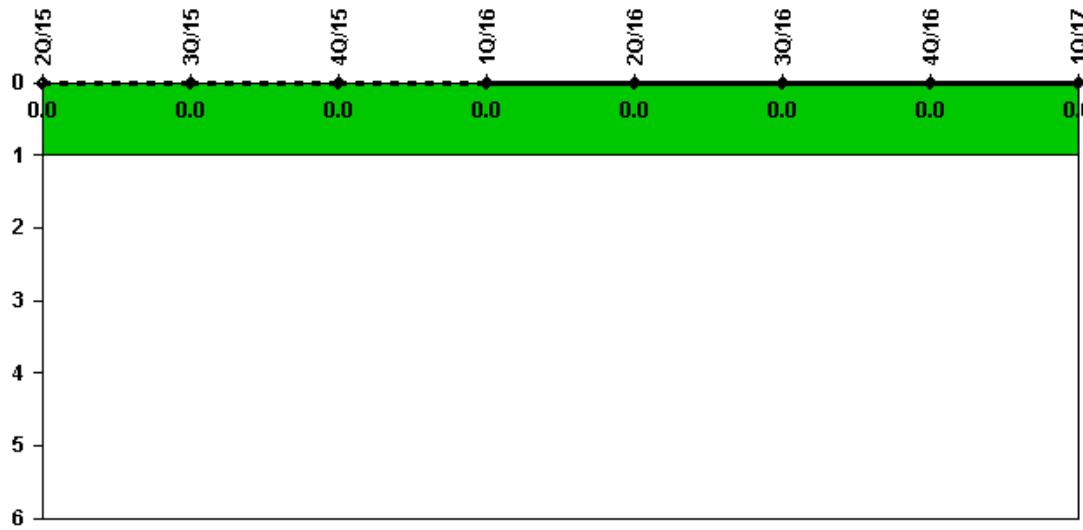
| Unplanned Power Changes per 7000 Critical Hrs | 2Q/15  | 3Q/15  | 4Q/15  | 1Q/16  | 2Q/16  | 3Q/16  | 4Q/16  | 1Q/17  |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes                       | 0      | 0      | 0      | 2.0    | 0      | 0      | 0      | 0      |
| Critical hours                                | 2184.0 | 2208.0 | 2209.0 | 1484.7 | 2184.0 | 2208.0 | 2209.0 | 2084.6 |

|                        |          |          |          |            |            |            |            |          |
|------------------------|----------|----------|----------|------------|------------|------------|------------|----------|
| <b>Indicator value</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>1.7</b> | <b>1.7</b> | <b>1.7</b> | <b>1.7</b> | <b>0</b> |
|------------------------|----------|----------|----------|------------|------------|------------|------------|----------|

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## Licensee Comments:

1Q/16: Unplanned power changes value for March 2016 has been corrected to reflect L1F42 and L1F43 as unplanned power changes per NEI 99-02. The correction has been documented in the corrective action program and do not result in a change to the performance indicator color for the affected quarters.

**Unplanned Scrams with Complications**

Thresholds: White &gt; 1.0

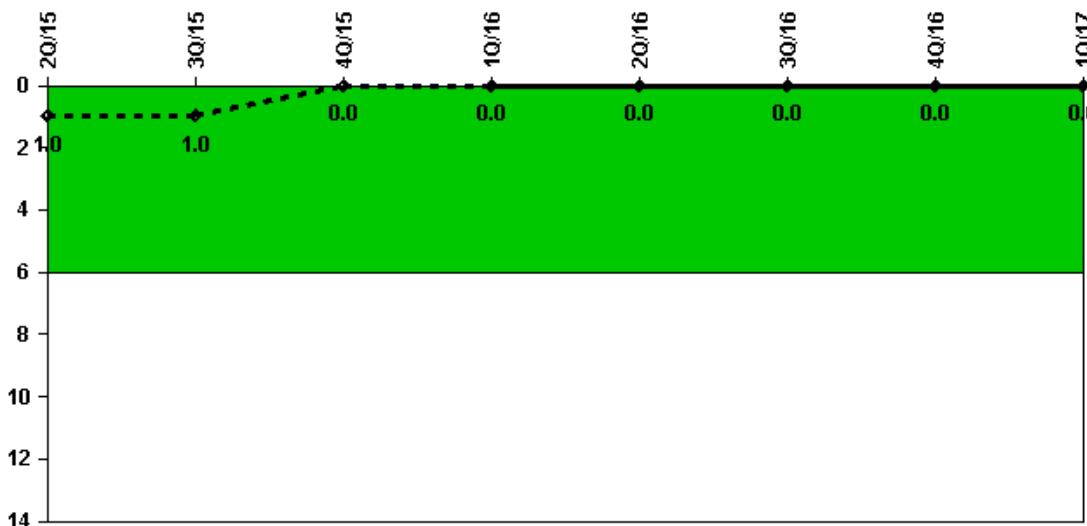
**Notes**

| Unplanned Scrams with Complications | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 |
|-------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams with complications           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

|                        |            |            |            |            |            |            |            |            |
|------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| <b>Indicator value</b> | <b>0.0</b> |
|------------------------|------------|------------|------------|------------|------------|------------|------------|------------|

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Licensee Comments: none

**Safety System Functional Failures (BWR)**

Thresholds: White &gt; 6.0

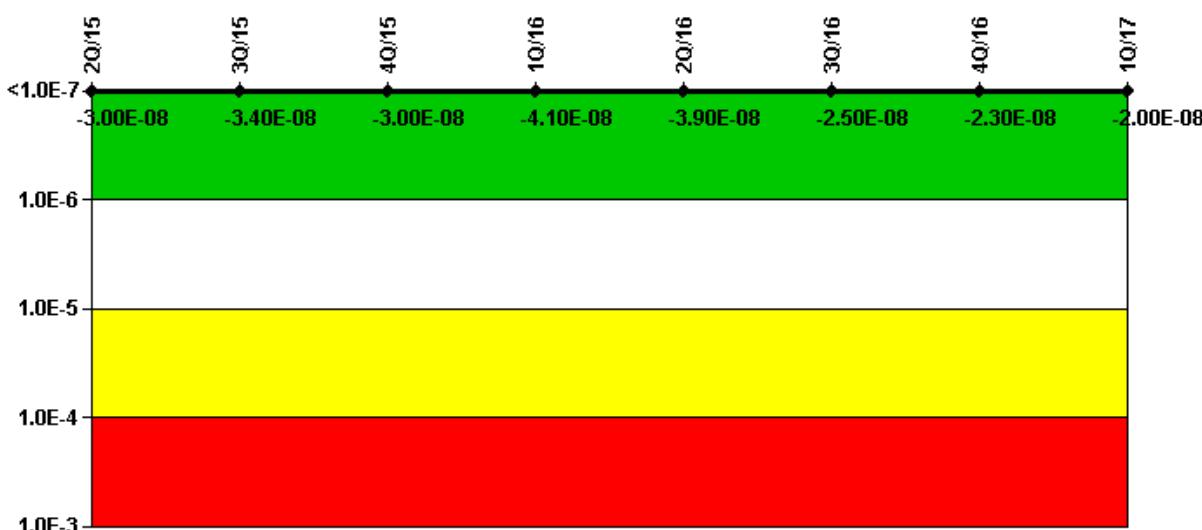
**Notes**

**Safety System Functional Failures (BWR)** 2Q/15 3Q/15 4Q/15 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17  
 Safety System Functional Failures      0      0      0      0      0      0      0      0

Indicator value      1      1      0      0      0      0      0      0

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Licensee Comments: none

**Mitigating Systems Performance Index, Emergency AC Power System**

Thresholds: White &gt; 1.00E-6 Yellow &gt; 1.00E-5 Red &gt; 1.00E-4

**Notes****Mitigating Systems Performance Index, Emergency**

|                        | <b>2Q/15</b> | <b>3Q/15</b> | <b>4Q/15</b> | <b>1Q/16</b> | <b>2Q/16</b> | <b>3Q/16</b> | <b>4Q/16</b> | <b>1Q/17</b> |
|------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <b>AC Power System</b> | -3.74E-10    | -4.38E-09    | 3.81E-10     | -4.76E-09    | -5.16E-09    | 8.86E-09     | 1.11E-08     | 1.39E-08     |
| UAI ( $\Delta$ CDF)    | -2.99E-08    | -2.99E-08    | -2.99E-08    | -3.60E-08    | -3.38E-08    | -3.38E-08    | -3.38E-08    | -3.38E-08    |
| URI ( $\Delta$ CDF)    | NO           |
| PLE                    | -3.00E-08    | -3.40E-08    | -3.00E-08    | -4.10E-08    | -3.90E-08    | -2.50E-08    | -2.30E-08    | -2.00E-08    |
| <b>Indicator value</b> |              |              |              |              |              |              |              |              |

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**Licensee Comments:**

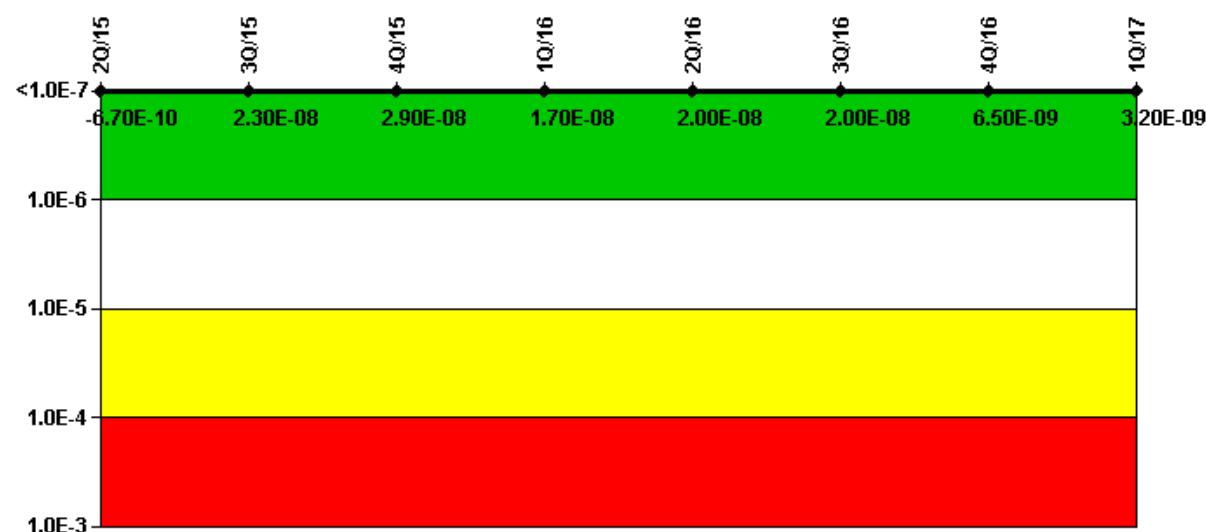
4Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

3Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

2Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented in the 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model. 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented in the 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model.

**Mitigating Systems Performance Index, High Pressure Injection System**

Thresholds: White &gt; 1.00E-6 Yellow &gt; 1.00E-5 Red &gt; 1.00E-4

**Notes**

2Q/15    3Q/15    4Q/15    1Q/16    2Q/16    3Q/16    4Q/16    1Q/17

### Mitigating Systems Performance Index, High Pressure Injection System

|                     |                  |                 |                 |                 |                 |                 |                 |                 |
|---------------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| UAI ( $\Delta$ CDF) | 1.23E-08         | 3.58E-08        | 4.18E-08        | 2.76E-08        | 2.99E-08        | 2.90E-08        | 1.59E-08        | 1.26E-08        |
| URI ( $\Delta$ CDF) | -1.30E-08        | -1.30E-08       | -1.30E-08       | -1.01E-08       | -9.41E-09       | -9.41E-09       | -9.41E-09       | -9.41E-09       |
| PLE                 | NO               | NO              | NO              | NO              | NO              | NO              | NO              | NO              |
| Indicator value     | <b>-6.70E-10</b> | <b>2.30E-08</b> | <b>2.90E-08</b> | <b>1.70E-08</b> | <b>2.00E-08</b> | <b>2.00E-08</b> | <b>6.50E-09</b> | <b>3.20E-09</b> |

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#### Licensee Comments:

4Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

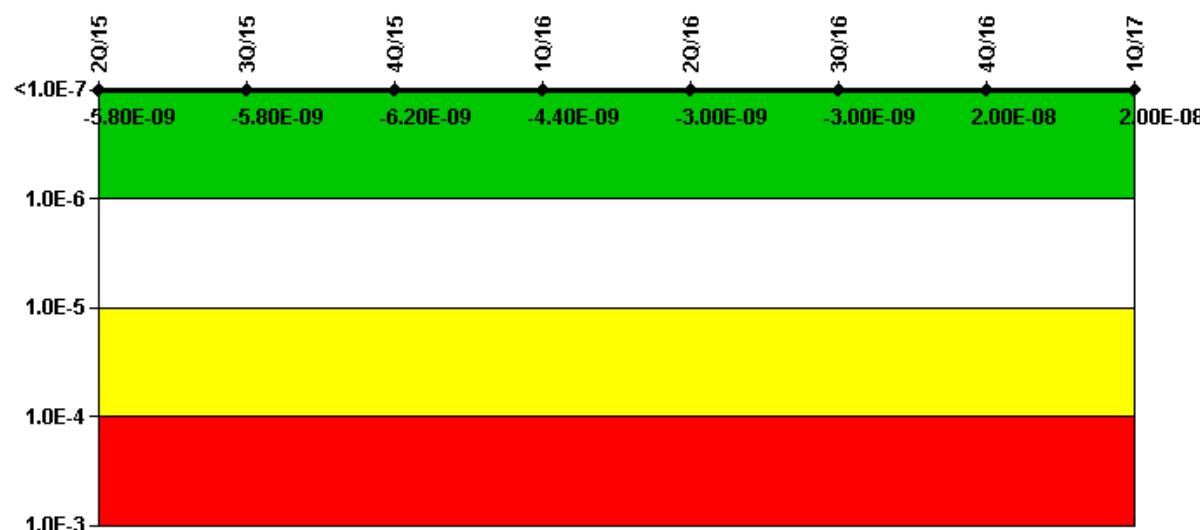
3Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

2Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented in the 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model. 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented in the 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model.

### Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

#### Notes

### Mitigating Systems Performance Index, Heat Removal System

|                     | 2Q/15     | 3Q/15     | 4Q/15     | 1Q/16     | 2Q/16     | 3Q/16     | 4Q/16    | 1Q/17    |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|----------|----------|
| UAI ( $\Delta$ CDF) | -1.16E-09 | -1.16E-09 | -1.52E-09 | -9.12E-10 | -1.06E-09 | -1.06E-09 | 4.46E-10 | 4.26E-10 |

|                     |                  |                  |                  |                  |                  |                  |                 |                 |
|---------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------|-----------------|
| URI ( $\Delta$ CDF) | -4.66E-09        | -4.66E-09        | -4.66E-09        | -3.51E-09        | -1.94E-09        | -1.94E-09        | 1.93E-08        | 1.93E-08        |
| PLE                 | NO               | NO               | NO               | NO               | NO               | NO               | NO              | NO              |
| Indicator value     | <b>-5.80E-09</b> | <b>-5.80E-09</b> | <b>-6.20E-09</b> | <b>-4.40E-09</b> | <b>-3.00E-09</b> | <b>-3.00E-09</b> | <b>2.00E-08</b> | <b>2.00E-08</b> |

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## Licensee Comments:

4Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

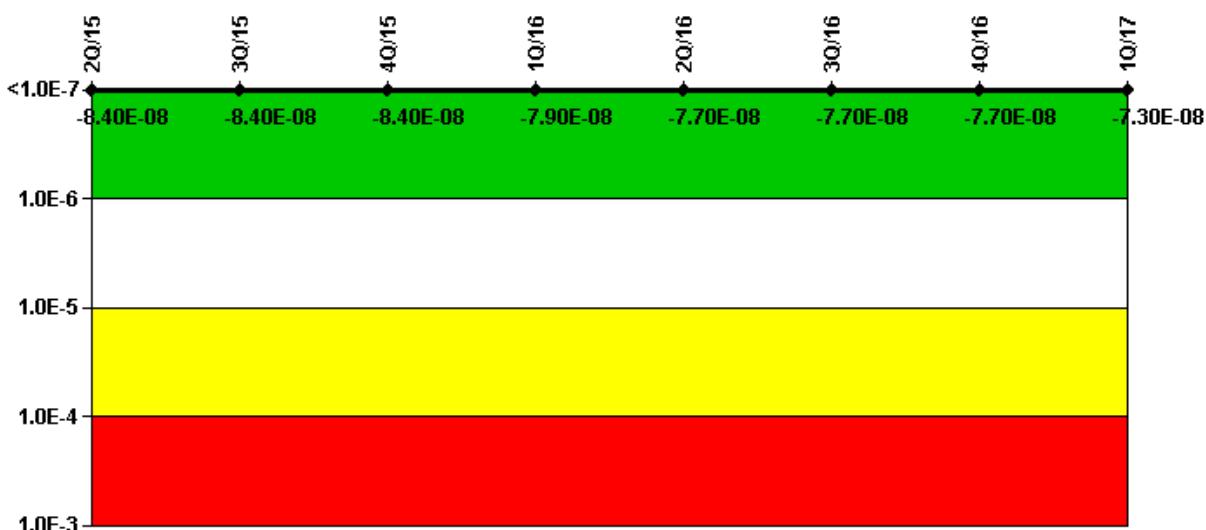
3Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

2Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented in 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model. 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented in 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model.

### Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White &gt; 1.00E-6 Yellow &gt; 1.00E-5 Red &gt; 1.00E-4

**Notes**

#### Mitigating Systems Performance Index, Residual Heat Removal System

|                     | 2Q/15     | 3Q/15     | 4Q/15     | 1Q/16     | 2Q/16     | 3Q/16     | 4Q/16     | 1Q/17     |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI ( $\Delta$ CDF) | -3.50E-08 | -3.50E-08 | -3.50E-08 | -3.37E-08 | -3.41E-08 | -3.41E-08 | -3.41E-08 | -3.01E-08 |
| URI ( $\Delta$ CDF) | -4.94E-08 | -4.94E-08 | -4.94E-08 | -4.52E-08 | -4.26E-08 | -4.26E-08 | -4.26E-08 | -4.26E-08 |
| PLE                 | NO        |

|                 |           |           |           |           |           |           |           |           |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Indicator value | -8.40E-08 | -8.40E-08 | -8.40E-08 | -7.90E-08 | -7.70E-08 | -7.70E-08 | -7.70E-08 | -7.30E-08 |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|

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## Licensee Comments:

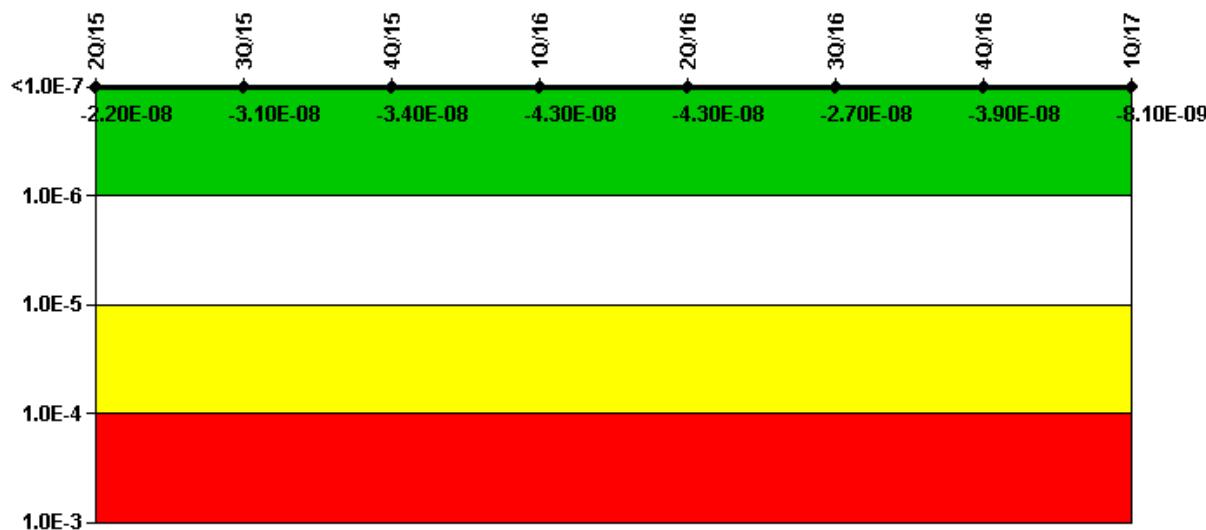
4Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

3Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

2Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented in 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model. 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented in 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model.

**Mitigating Systems Performance Index, Cooling Water Systems**

Thresholds: White &gt; 1.00E-6 Yellow &gt; 1.00E-5 Red &gt; 1.00E-4

**Notes****Mitigating Systems Performance Index, Cooling****Water Systems**

|                     | 2Q/15     | 3Q/15     | 4Q/15     | 1Q/16     | 2Q/16     | 3Q/16     | 4Q/16     | 1Q/17     |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI ( $\Delta$ CDF) | 4.11E-08  | 3.22E-08  | 2.95E-08  | 8.07E-09  | 7.71E-09  | 2.31E-08  | 1.14E-08  | 4.24E-08  |
| URI ( $\Delta$ CDF) | -6.33E-08 | -6.33E-08 | -6.33E-08 | -5.09E-08 | -5.05E-08 | -5.05E-08 | -5.05E-08 | -5.05E-08 |
| PLE                 | NO        |
| Indicator value     | -2.20E-08 | -3.10E-08 | -3.40E-08 | -4.30E-08 | -4.30E-08 | -2.70E-08 | -3.90E-08 | -8.10E-09 |

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## Licensee Comments:

4Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

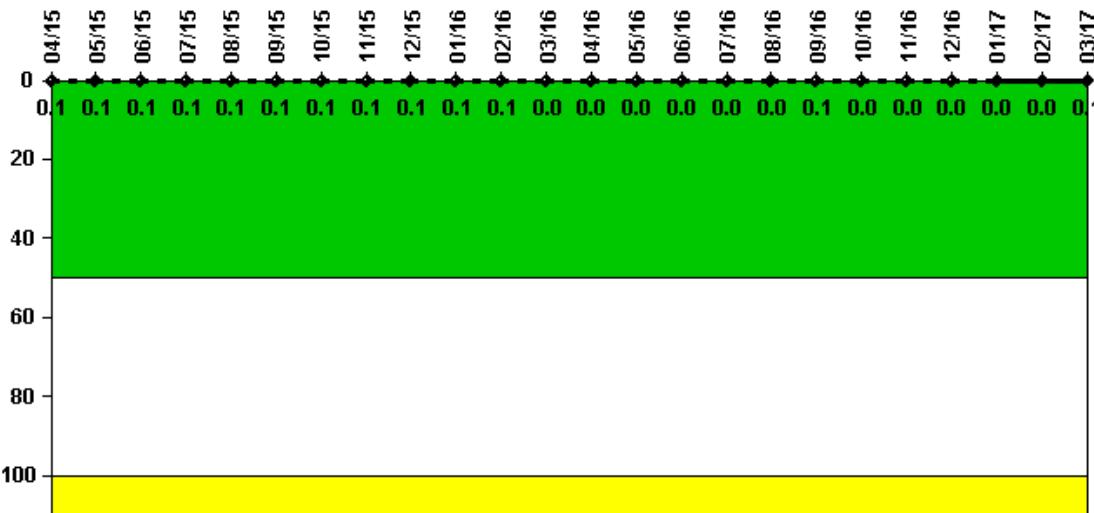
3Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

2Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented for 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model. 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented for 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model.

### Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

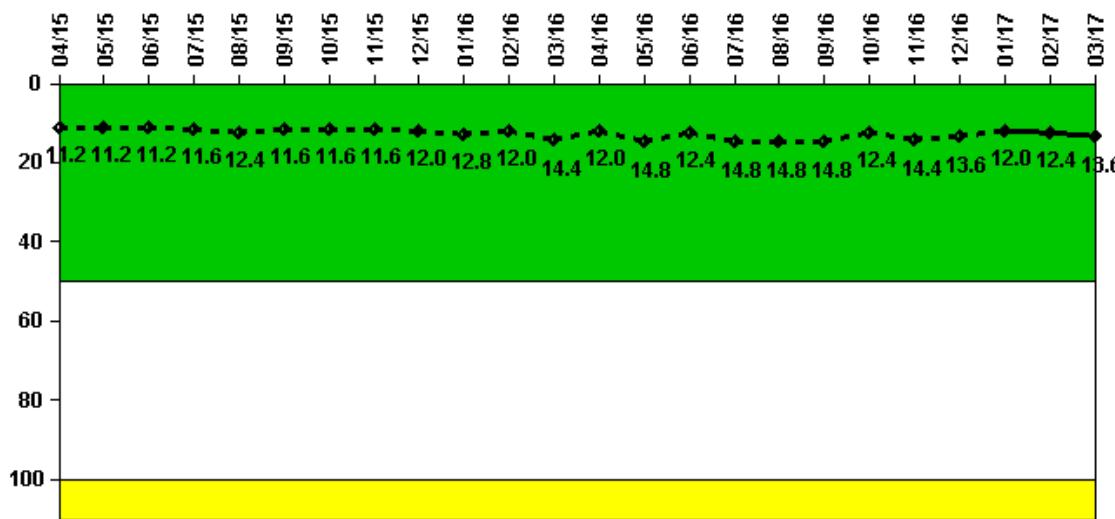
### Notes

| Reactor Coolant System Activity | 4/15        | 5/15        | 6/15        | 7/15        | 8/15        | 9/15        | 10/15        | 11/15        | 12/15        | 1/16        | 2/16        | 3/16      |
|---------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|-------------|-------------|-----------|
| Maximum activity                | 0.000142    | 0.000145    | 0.000190    | 0.000152    | 0.000187    | 0.000160    | 0.000135     | 0.000130     | 0.000133     | 0.000115    | 0.000110    | 0.000048  |
| Technical specification limit   | 0.2         | 0.2         | 0.2         | 0.2         | 0.2         | 0.2         | 0.2          | 0.2          | 0.2          | 0.2         | 0.2         | 0.2       |
| Indicator value                 | 0.1<br>4/16 | 0.1<br>5/16 | 0.1<br>6/16 | 0.1<br>7/16 | 0.1<br>8/16 | 0.1<br>9/16 | 0.1<br>10/16 | 0.1<br>11/16 | 0.1<br>12/16 | 0.1<br>1/17 | 0.1<br>2/17 | 0<br>3/17 |

|  |          |          |          |          |          |            |          |          |          |          |          |            |
|--|----------|----------|----------|----------|----------|------------|----------|----------|----------|----------|----------|------------|
| <b>Reactor<br/>Coolant<br/>System<br/>Activity</b> |          |          |          |          |          |            |          |          |          |          |          |            |
| Maximum activity                                   | 0.000053 | 0.000049 | 0.000054 | 0.000092 | 0.000070 | 0.000107   | 0.000079 | 0.000075 | 0.000078 | 0.000081 | 0.000097 | 0.000109   |
| Technical specification limit                      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2        | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2        |
| <b>Indicator value</b>                             | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0.1</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0.1</b> |

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Licensee Comments: none

**Reactor Coolant System Leakage**

Thresholds: White &gt; 50.0 Yellow &gt; 100.0

**Notes****Reactor Coolant System Leakage** 4/15 5/15 6/15 7/15 8/15 9/15 10/15 11/15 12/15 1/16 2/16 3/16

Maximum leakage 2.800 2.800 2.800 2.900 3.100 2.900 2.900 2.900 3.000 3.200 3.000 3.600

Technical specification limit 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0

**Indicator value** 11.2 11.2 11.2 11.6 12.4 11.6 11.6 11.6 11.6 12.0 12.8 12.0 14.4**Reactor Coolant System Leakage** 4/16 5/16 6/16 7/16 8/16 9/16 10/16 11/16 12/16 1/17 2/17 3/17

Maximum leakage 3.000 3.700 3.100 3.700 3.700 3.700 3.100 3.600 3.400 3.000 3.100 3.400

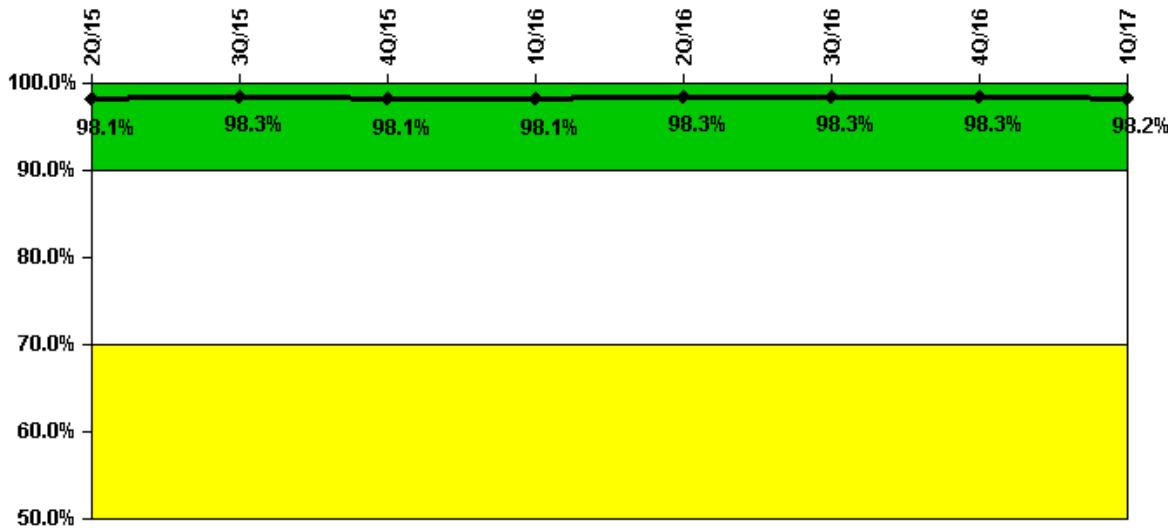
Technical specification limit 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0

**Indicator value** 12.0 14.8 12.4 14.8 14.8 14.8 12.4 14.4 13.6 12.0 12.4 13.6

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Licensee Comments: none

### Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

### Notes

| Drill/Exercise Performance | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities   | 108.0 | 62.0  | 63.0  | 13.0  | 141.0 | 98.0  | 36.0  | 24.0  |
| Total opportunities        | 113.0 | 62.0  | 64.0  | 13.0  | 142.0 | 101.0 | 36.0  | 24.0  |

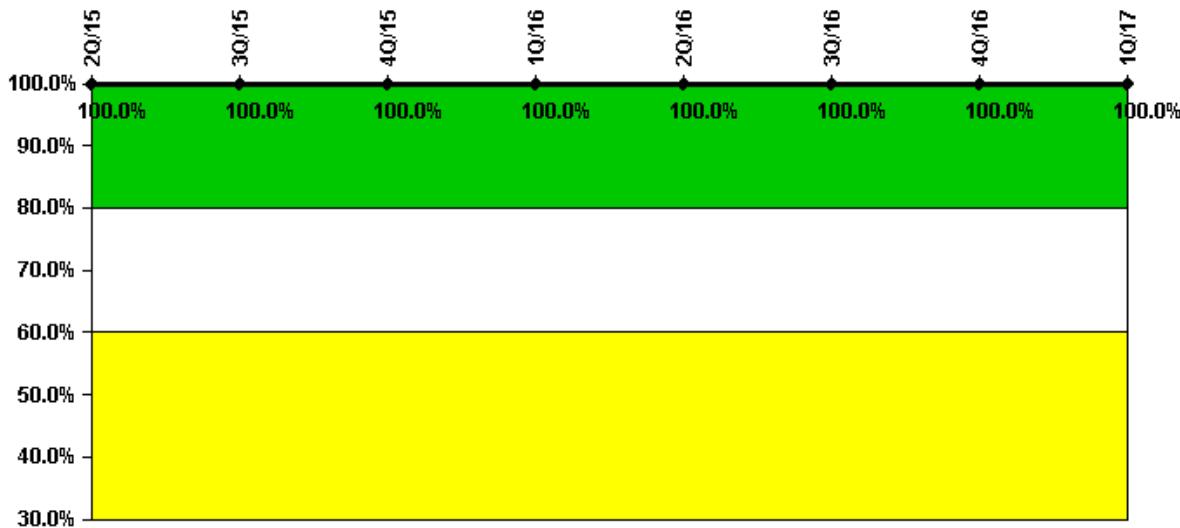
**Indicator value**      **98.1% 98.3% 98.1% 98.1% 98.3% 98.3% 98.3% 98.2%**

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Licensee Comments:

1Q/16: During an internal assessment, it was discovered that credit taken in June 2015 did not include opportunities that should have been counted. This was corrected by increasing the number of successful drill, exercise & event opportunities from 32 to 35, and increasing the number of total drill, exercise & event opportunities from 32 to 36. This issue has been entered into the corrective action program and does not result in a change to the performance indicator color.

4Q/15: During an internal assessment, it was discovered that credit was taken in April 2015 for an opportunity that should not have been counted. This was corrected by decreasing the number of total drill, exercise and event opportunities from 51 to 50 for April 2015. This issue, which did not result in a change to performance indicator color, has been entered into the corrective action program.

**ERO Drill Participation**

Thresholds: White < 80.0% Yellow < 60.0%

**Notes**

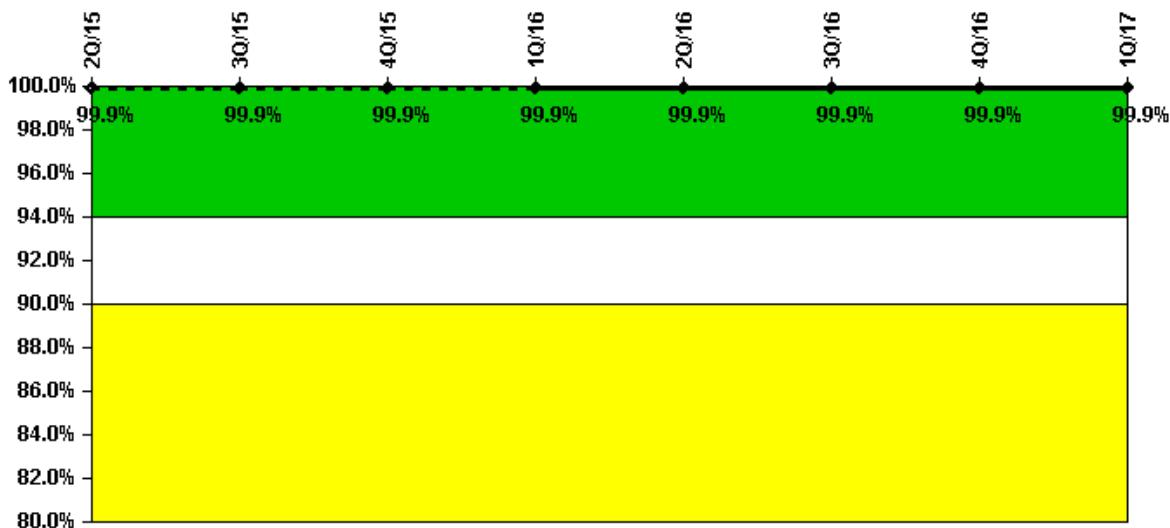
| ERO Drill Participation     | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Participating Key personnel | 68.0  | 68.0  | 67.0  | 67.0  | 63.0  | 62.0  | 62.0  | 63.0  |
| Total Key personnel         | 68.0  | 68.0  | 67.0  | 67.0  | 63.0  | 62.0  | 62.0  | 63.0  |

Indicator value      **100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0%**

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**Licensee Comments:**

1Q/16: During an internal assessment, it was discovered that credit taken in February and March 2016 did not include participations that should have been counted. This was corrected by increasing the number of participating key personnel and total key personnel by two for February and March 2016. This issue has been entered into the corrective action program and does not result in a change to the performance indicator color.

**Alert & Notification System**

Thresholds: White < 94.0% Yellow < 90.0%

**Notes****Alert & Notification System** **2Q/15** **3Q/15** **4Q/15** **1Q/16** **2Q/16** **3Q/16** **4Q/16** **1Q/17**

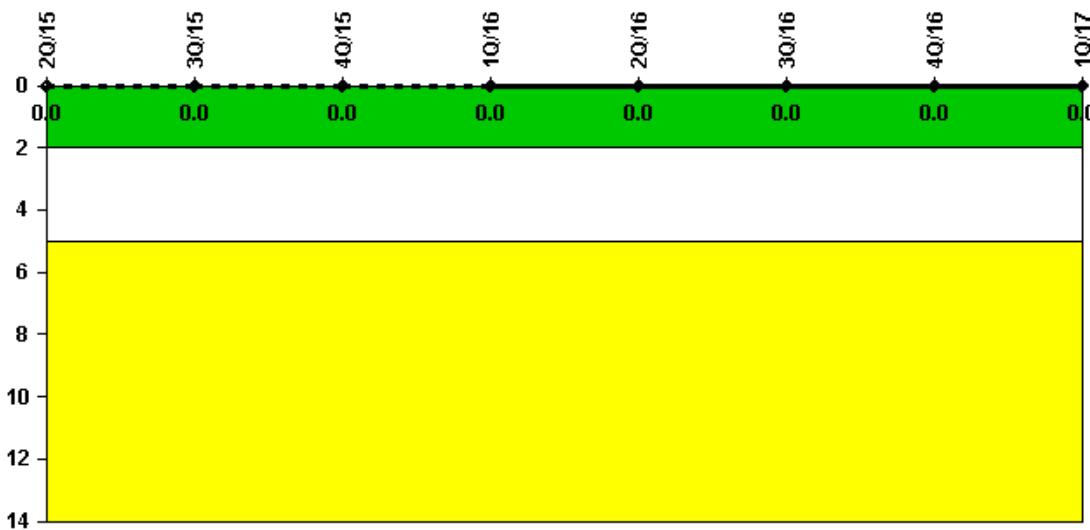
|                        |      |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|------|
| Successful siren-tests | 2173 | 2208 | 2175 | 2175 | 2174 | 2170 | 2106 | 2210 |
|------------------------|------|------|------|------|------|------|------|------|

|                    |      |      |      |      |      |      |      |      |
|--------------------|------|------|------|------|------|------|------|------|
| Total sirens-tests | 2176 | 2210 | 2176 | 2176 | 2176 | 2176 | 2108 | 2210 |
|--------------------|------|------|------|------|------|------|------|------|

|                        |              |              |              |              |              |              |              |              |
|------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <b>Indicator value</b> | <b>99.9%</b> |
|------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|

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Licensee Comments: none

**Occupational Exposure Control Effectiveness**

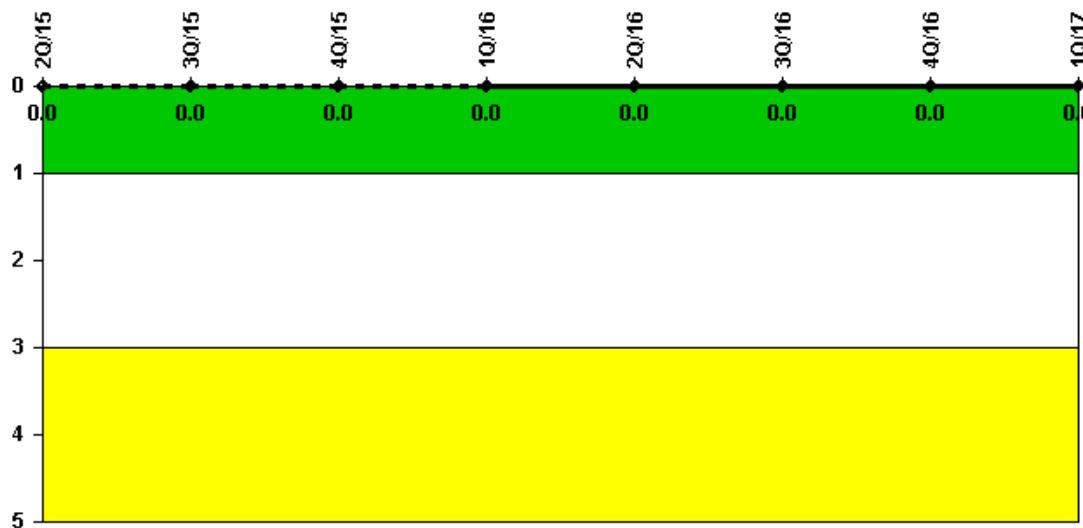
Thresholds: White &gt; 2.0 Yellow &gt; 5.0

**Notes****Occupational Exposure Control Effectiveness**

|                                      | 2Q/15    | 3Q/15    | 4Q/15    | 1Q/16    | 2Q/16    | 3Q/16    | 4Q/16    | 1Q/17    |
|--------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Very high radiation area occurrences | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>               | <b>0</b> |

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Licensee Comments: none

**RETS/ODCM Radiological Effluent**

Thresholds: White > 1.0 Yellow > 3.0

**Notes**

**RETS/ODCM Radiological Effluent** 2Q/15 3Q/15 4Q/15 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17  
RETS/ODCM occurrences      0      0      0      0      0      0      0      0

Indicator value      0      0      0      0      0      0      0      0

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Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

*Current data as of: May 5, 2017*

*Page Last Reviewed/Updated Wednesday, June 07, 2017*



Home > Nuclear Reactors > Operating Reactors > Reactor Oversight Process > Plant Summaries > La Salle 1 > Quarterly Performance Indicators

## La Salle 1 – Quarterly Performance Indicators

### 2Q/2017 Performance Indicators

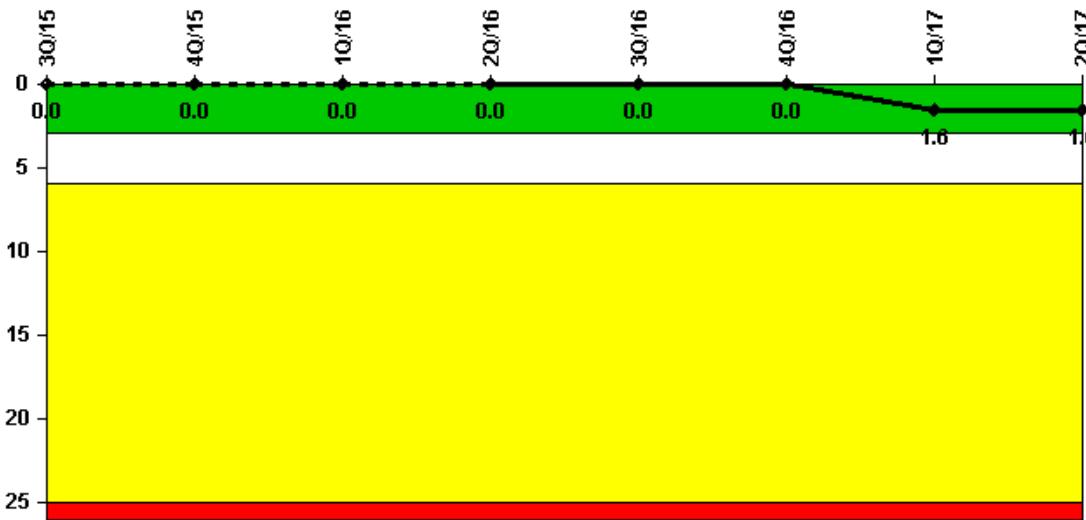
The solid trend line represents the current reporting period.

Licensee's General Comments: none

On this page:

- Unplanned Scrams (IE01)
- Unplanned Power Changes per 7000 Critical Hours (IE03)
- Unplanned Scrams with Complications (IE04)
- Safety System Functional Failures (MS05)
- Emergency AC Power Systems (MS06)
- High Pressure Injection Systems (MS07)
- Heat Removal Systems (MS08)
- Residual Heat Removal Systems (MS09)
- Cooling Water Systems (MS10)
- Reactor Coolant System Activity (BI01)
- Reactor Coolant System Leakage (BI02)
- Drill/Exercise Performance (EP01)
- Emergency Response Organization Drill Participation (EP02)
- Alert and Notification System Reliability (EP03)
- Occupational Exposure Control Effectiveness (OR01)
- RETS/OCDM Radiological Effluent Occurrence (PR01)
- Protected Area Equipment (PP01)

### **Unplanned Scrams per 7000 Critical Hrs**



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

## Notes

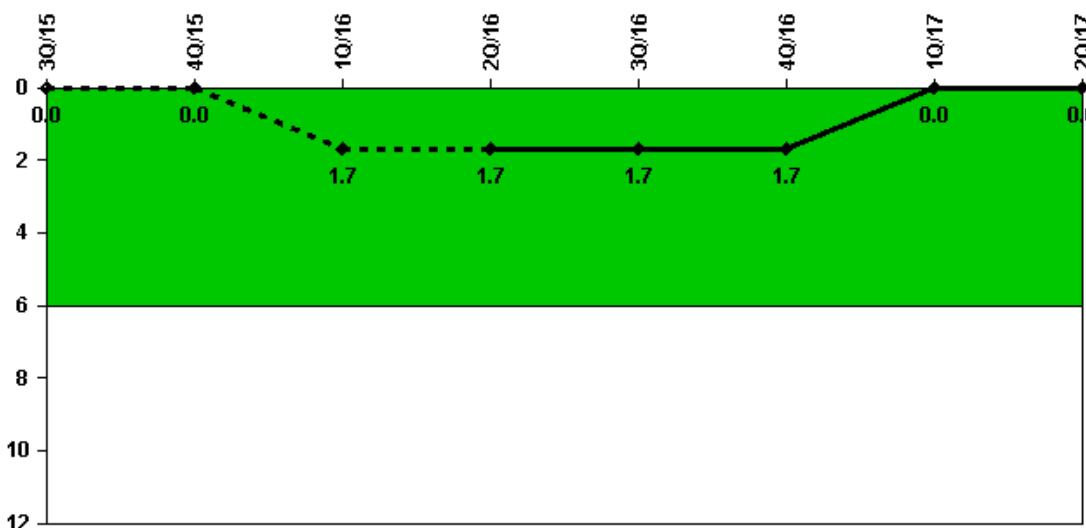
| <b>Unplanned Scrams per 7000 Critical Hrs</b> | <b>3Q/15</b> | <b>4Q/15</b> | <b>1Q/16</b> | <b>2Q/16</b> | <b>3Q/16</b> | <b>4Q/16</b> | <b>1Q/17</b> | <b>2Q/17</b> |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Unplanned scrams                              | 0            | 0            | 0            | 0            | 0            | 0            | 2.0          | 0            |
| Critical hours                                | 2208.0       | 2209.0       | 1484.7       | 2184.0       | 2208.0       | 2209.0       | 2084.6       | 2109.1       |

### Indicator value



Licensee Comments: none

## **Unplanned Power Changes per 7000 Critical Hrs**



Thresholds: White > 6.0

**Notes**

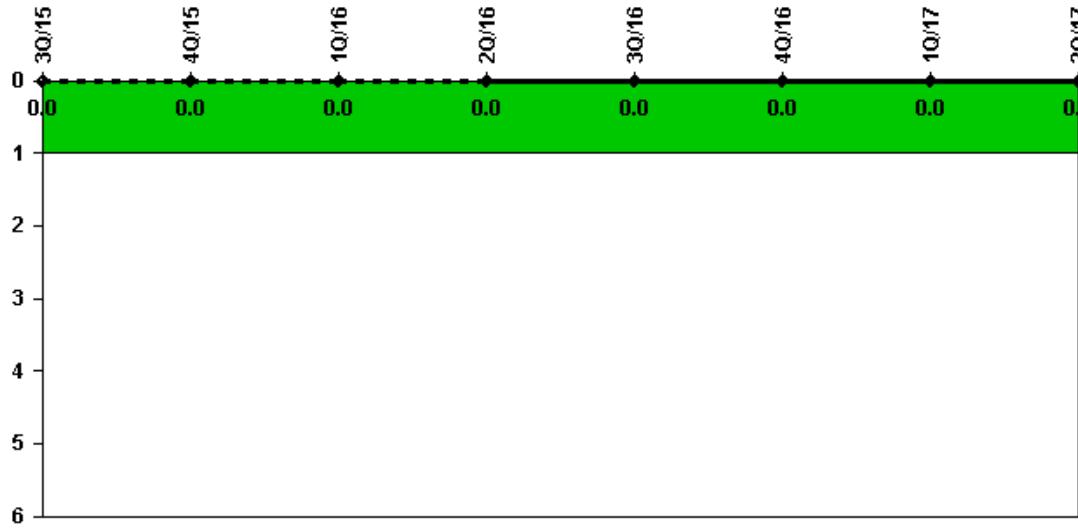
|                         | <b>Unplanned Power Changes per 7000 Critical Hrs</b> | <b>3Q/15</b> | <b>4Q/15</b> | <b>1Q/16</b> | <b>2Q/16</b> | <b>3Q/16</b> | <b>4Q/16</b> | <b>1Q/17</b> | <b>2Q/17</b> |
|-------------------------|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Unplanned power changes |  | 0            | 0            | 2.0          | 0            | 0            | 0            | 0            | 0            |
| Critical hours          |  | 2208.0       | 2209.0       | 1484.7       | 2184.0       | 2208.0       | 2209.0       | 2084.6       | 2109.1       |

| <b>Indicator value</b> | <b>0</b> | <b>0</b> | <b>1.7</b> | <b>1.7</b> | <b>1.7</b> | <b>1.7</b> | <b>0</b> | <b>0</b> |
|------------------------|----------|----------|------------|------------|------------|------------|----------|----------|
|                        |          |          |            |            |            |            |          |          |

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## Licensee Comments:

1Q/16: Unplanned power changes value for March 2016 has been corrected to reflect L1F42 and L1F43 as unplanned power changes per NEI 99-02. The correction has been documented in the corrective action program and do not result in a change to the performance indicator color for the affected quarters.

**Unplanned Scrams with Complications**

Thresholds: White > 1.0

**Notes**

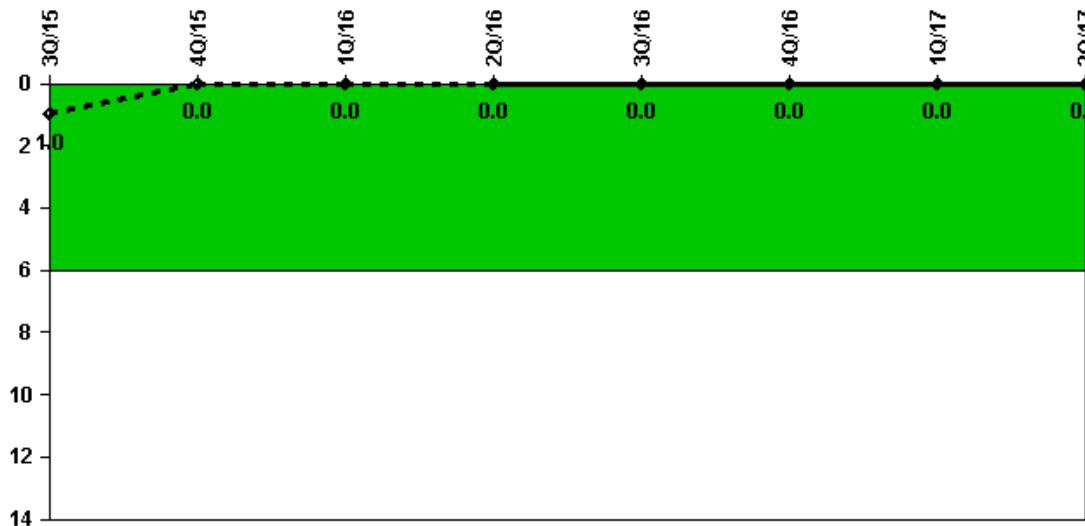
|                           | <b>Unplanned Scrams with Complications</b> | <b>3Q/15</b> | <b>4Q/15</b> | <b>1Q/16</b> | <b>2Q/16</b> | <b>3Q/16</b> | <b>4Q/16</b> | <b>1Q/17</b> | <b>2Q/17</b> |
|---------------------------|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Scrams with complications |  | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |

| <b>Indicator value</b> | <b>0.0</b> |
|------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
|                        |            |            |            |            |            |            |            |            |

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Licensee Comments: none

### Safety System Functional Failures (BWR)



Thresholds: White > 6.0

#### Notes

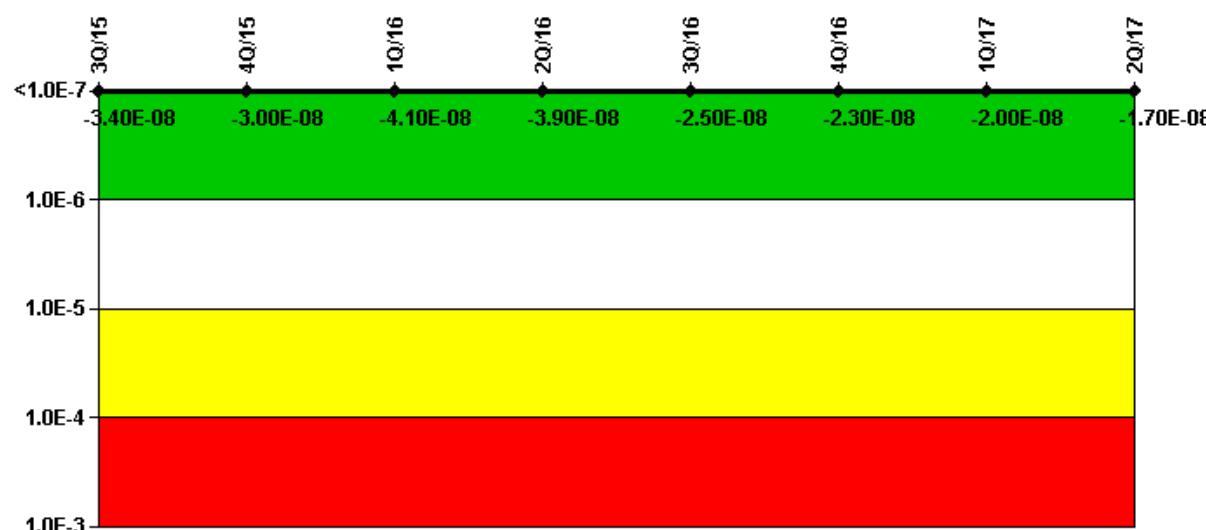
**Safety System Functional Failures (BWR)** 3Q/15 4Q/15 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17  
Safety System Functional Failures                    0      0      0      0      0      0      0      0

Indicator value                    1      0      0      0      0      0      0      0

▲ TOP

Licensee Comments: none

### Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

**Notes****Mitigating Systems Performance Index, Emergency**

|                        | <b>3Q/15</b>     | <b>4Q/15</b>     | <b>1Q/16</b>     | <b>2Q/16</b>     | <b>3Q/16</b>     | <b>4Q/16</b>     | <b>1Q/17</b>     | <b>2Q/17</b>     |
|------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| AC Power System        | -4.38E-09        | 3.81E-10         | -4.76E-09        | -5.16E-09        | 8.86E-09         | 1.11E-08         | 1.39E-08         | 1.69E-08         |
| UAI ( $\Delta$ CDF)    | -2.99E-08        | -2.99E-08        | -3.60E-08        | -3.38E-08        | -3.38E-08        | -3.38E-08        | -3.38E-08        | -3.38E-08        |
| URI ( $\Delta$ CDF)    | NO               |
| PLE                    |                  |                  |                  |                  |                  |                  |                  |                  |
| <b>Indicator value</b> | <b>-3.40E-08</b> | <b>-3.00E-08</b> | <b>-4.10E-08</b> | <b>-3.90E-08</b> | <b>-2.50E-08</b> | <b>-2.30E-08</b> | <b>-2.00E-08</b> | <b>-1.70E-08</b> |

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## Licensee Comments:

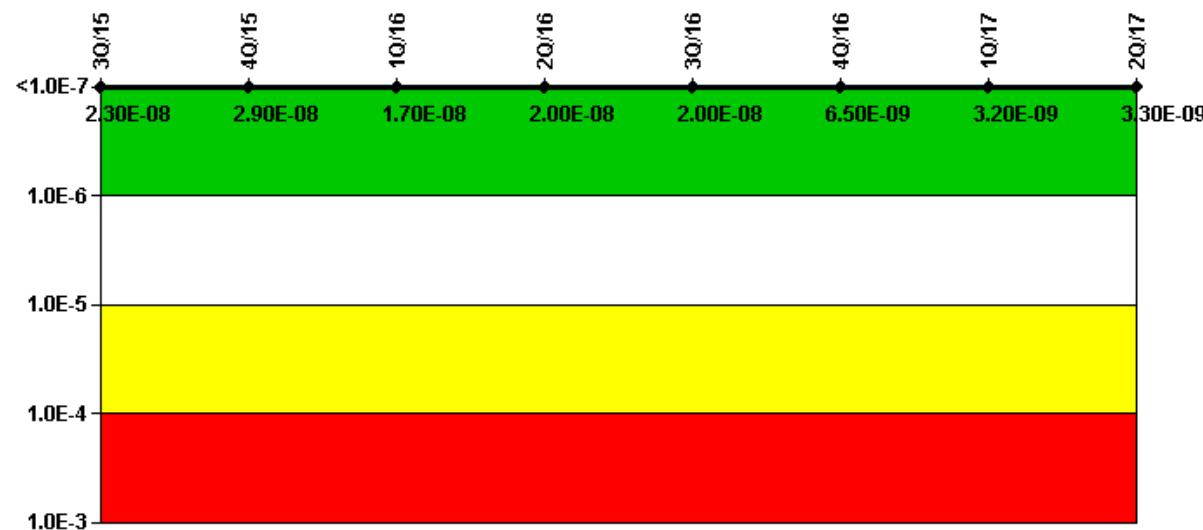
4Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

3Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

2Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented in the 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model. 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented in the 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model.

**Mitigating Systems Performance Index, High Pressure Injection System**

Thresholds: White &gt; 1.00E-6 Yellow &gt; 1.00E-5 Red &gt; 1.00E-4

**Notes**

| <b>3Q/15</b> | <b>4Q/15</b> | <b>1Q/16</b> | <b>2Q/16</b> | <b>3Q/16</b> | <b>4Q/16</b> | <b>1Q/17</b> | <b>2Q/17</b> |
|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|

### Mitigating Systems Performance Index, High Pressure Injection System

|                     |                 |                 |                 |                 |                 |                 |                 |                 |
|---------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| UAI ( $\Delta$ CDF) | 3.58E-08        | 4.18E-08        | 2.76E-08        | 2.99E-08        | 2.90E-08        | 1.59E-08        | 1.26E-08        | 1.27E-08        |
| URI ( $\Delta$ CDF) | -1.30E-08       | -1.30E-08       | -1.01E-08       | -9.41E-09       | -9.41E-09       | -9.41E-09       | -9.41E-09       | -9.41E-09       |
| PLE                 | NO              |
| Indicator value     | <b>2.30E-08</b> | <b>2.90E-08</b> | <b>1.70E-08</b> | <b>2.00E-08</b> | <b>2.00E-08</b> | <b>6.50E-09</b> | <b>3.20E-09</b> | <b>3.30E-09</b> |

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#### Licensee Comments:

4Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

3Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

2Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented in the 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model. 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented in the 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model.

### Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

#### Notes

### Mitigating Systems Performance Index, Heat Removal System

|                     | 3Q/15     | 4Q/15     | 1Q/16     | 2Q/16     | 3Q/16     | 4Q/16    | 1Q/17    | 2Q/17    |
|---------------------|-----------|-----------|-----------|-----------|-----------|----------|----------|----------|
| UAI ( $\Delta$ CDF) | -1.16E-09 | -1.52E-09 | -9.12E-10 | -1.06E-09 | -1.06E-09 | 4.46E-10 | 4.26E-10 | 4.31E-10 |

|                     |                  |                  |                  |                  |                  |                 |                 |                 |
|---------------------|------------------|------------------|------------------|------------------|------------------|-----------------|-----------------|-----------------|
| URI ( $\Delta$ CDF) | -4.66E-09        | -4.66E-09        | -3.51E-09        | -1.94E-09        | -1.94E-09        | 1.93E-08        | 1.93E-08        | 1.93E-08        |
| PLE                 | NO               | NO               | NO               | NO               | NO               | NO              | NO              | NO              |
| Indicator value     | <b>-5.80E-09</b> | <b>-6.20E-09</b> | <b>-4.40E-09</b> | <b>-3.00E-09</b> | <b>-3.00E-09</b> | <b>2.00E-08</b> | <b>2.00E-08</b> | <b>2.00E-08</b> |

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## Licensee Comments:

4Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

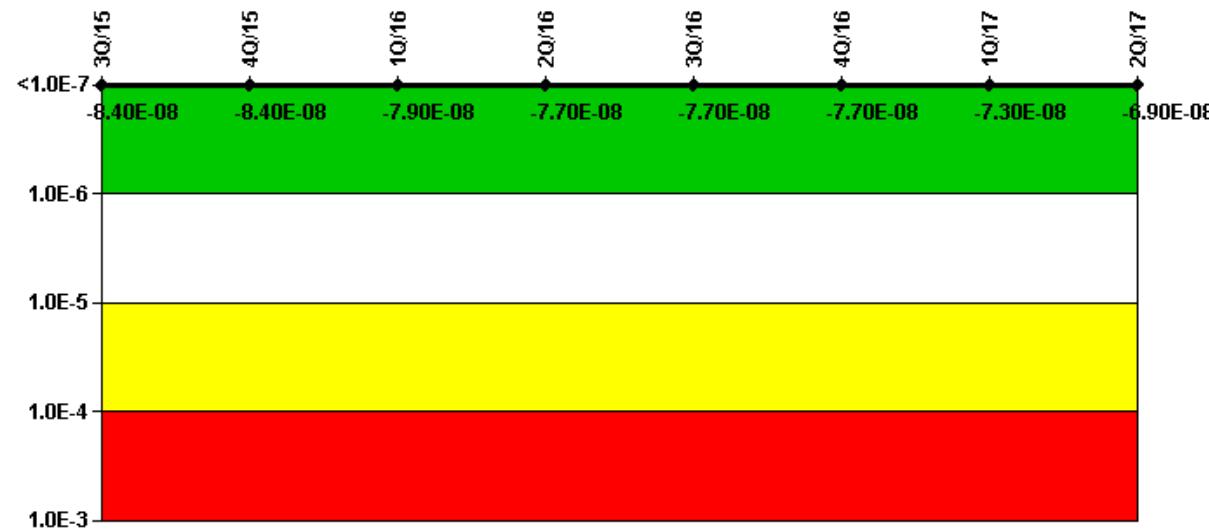
3Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

2Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented in 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model. 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented in 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model.

### Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White &gt; 1.00E-6 Yellow &gt; 1.00E-5 Red &gt; 1.00E-4

## Notes

#### Mitigating Systems Performance Index, Residual Heat Removal System

|                     | 3Q/15     | 4Q/15     | 1Q/16     | 2Q/16     | 3Q/16     | 4Q/16     | 1Q/17     | 2Q/17     |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI ( $\Delta$ CDF) | -3.50E-08 | -3.50E-08 | -3.37E-08 | -3.41E-08 | -3.41E-08 | -3.41E-08 | -3.01E-08 | -2.59E-08 |
| URI ( $\Delta$ CDF) | -4.94E-08 | -4.94E-08 | -4.52E-08 | -4.26E-08 | -4.26E-08 | -4.26E-08 | -4.26E-08 | -4.26E-08 |
| PLE                 | NO        |

| Indicator value | -8.40E-08 | -8.40E-08 | -7.90E-08 | -7.70E-08 | -7.70E-08 | -7.70E-08 | -7.30E-08 | -6.90E-08 |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|



## Licensee Comments:

4Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

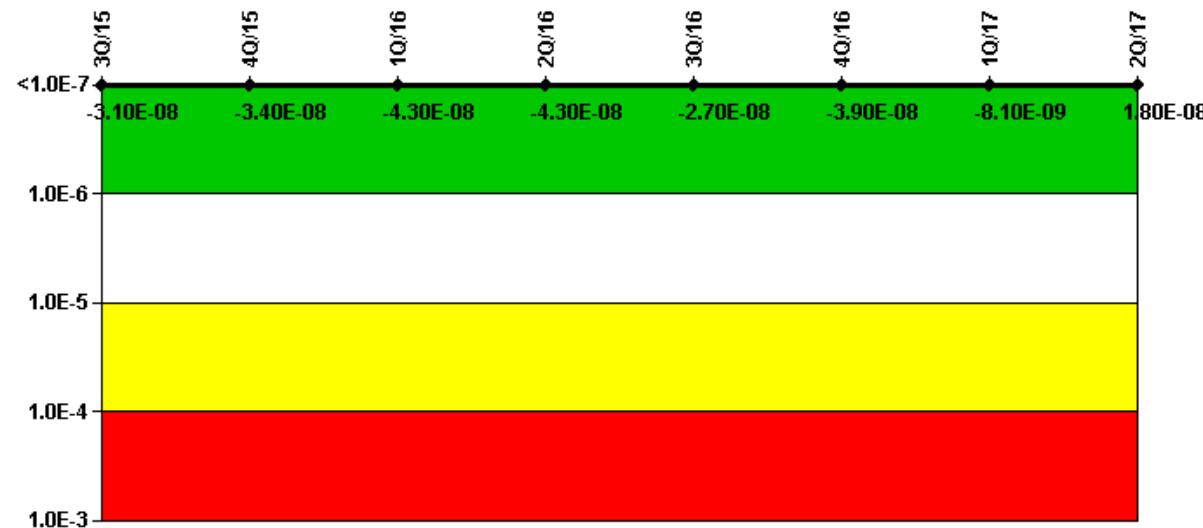
3Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

2Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented in 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model. 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented in 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model.

### Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

#### Mitigating Systems Performance Index, Cooling

##### Water Systems

|                     | 3Q/15     | 4Q/15     | 1Q/16     | 2Q/16     | 3Q/16     | 4Q/16     | 1Q/17     | 2Q/17     |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI ( $\Delta$ CDF) | 3.22E-08  | 2.95E-08  | 8.07E-09  | 7.71E-09  | 2.31E-08  | 1.14E-08  | 4.24E-08  | 6.87E-08  |
| URI ( $\Delta$ CDF) | -6.33E-08 | -6.33E-08 | -5.09E-08 | -5.05E-08 | -5.05E-08 | -5.05E-08 | -5.05E-08 | -5.05E-08 |
| PLE                 | NO        |
| Indicator value     | -3.10E-08 | -3.40E-08 | -4.30E-08 | -4.30E-08 | -2.70E-08 | -3.90E-08 | -8.10E-09 | 1.80E-08  |

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## Licensee Comments:

4Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

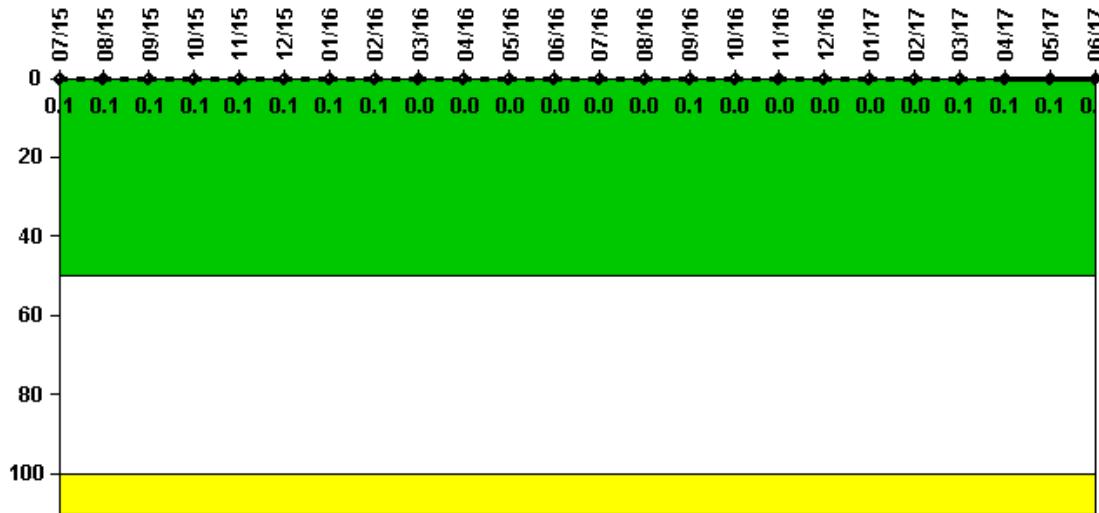
3Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

2Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented for 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model. 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented for 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model.

### Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

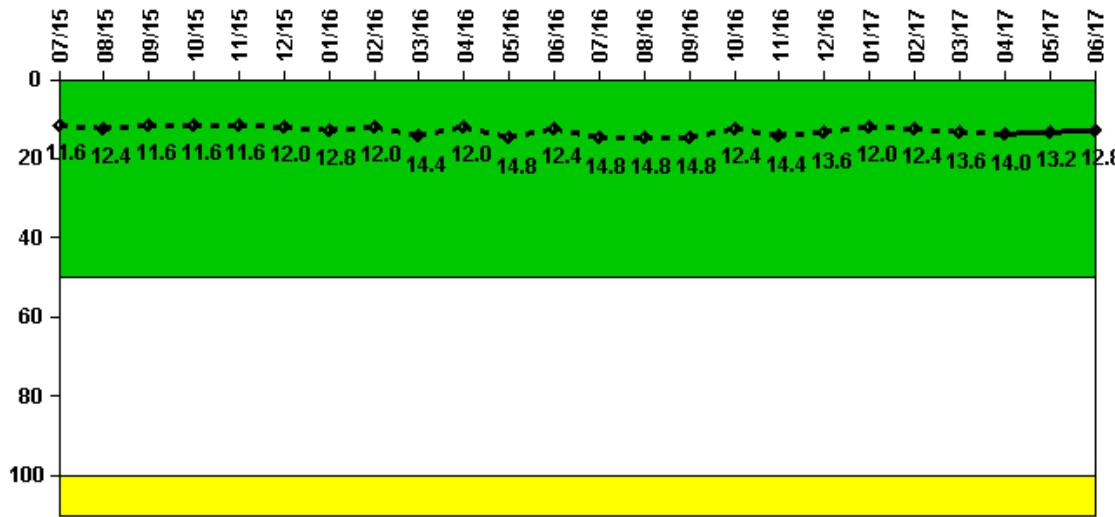
#### Notes

| Reactor Coolant System Activity | 7/15        | 8/15        | 9/15        | 10/15        | 11/15        | 12/15        | 1/16        | 2/16        | 3/16      | 4/16      | 5/16      | 6/16      |
|---------------------------------|-------------|-------------|-------------|--------------|--------------|--------------|-------------|-------------|-----------|-----------|-----------|-----------|
| Maximum activity                | 0.000152    | 0.000187    | 0.000160    | 0.000135     | 0.000130     | 0.000133     | 0.000115    | 0.000110    | 0.000048  | 0.000053  | 0.000049  | 0.000054  |
| Technical specification limit   | 0.2         | 0.2         | 0.2         | 0.2          | 0.2          | 0.2          | 0.2         | 0.2         | 0.2       | 0.2       | 0.2       | 0.2       |
| Indicator value                 | 0.1<br>7/16 | 0.1<br>8/16 | 0.1<br>9/16 | 0.1<br>10/16 | 0.1<br>11/16 | 0.1<br>12/16 | 0.1<br>1/17 | 0.1<br>2/17 | 0<br>3/17 | 0<br>4/17 | 0<br>5/17 | 0<br>6/17 |

| Reactor<br>Coolant<br>System<br>Activity | Maximum<br>activity                 | 0.000092 | 0.000070 | 0.000107 | 0.000079 | 0.000075 | 0.000078 | 0.000081 | 0.000097 | 0.000109 | 0.000127 | 0.000115 | 0.000138 |
|--|-------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Indicator<br>value                       | Technical<br>specification<br>limit | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| TOP                                      |                                     | 0        | 0        | 0.1      | 0        | 0        | 0        | 0        | 0        | 0        | 0.1      | 0.1      | 0.1      |

Licensee Comments: none

### Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

### Notes

Reactor Coolant System Leakage 7/15 8/15 9/15 10/15 11/15 12/15 1/16 2/16 3/16 4/16 5/16 6/16

Maximum leakage 2.900 3.100 2.900 2.900 2.900 3.000 3.200 3.000 3.600 3.000 3.700 3.100

Technical specification limit 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0

Indicator value 11.6 12.4 11.6 11.6 11.6 12.0 12.8 12.0 14.4 12.0 14.8 12.4

Reactor Coolant System Leakage 7/16 8/16 9/16 10/16 11/16 12/16 1/17 2/17 3/17 4/17 5/17 6/17

Maximum leakage 3.700 3.700 3.700 3.100 3.600 3.400 3.000 3.100 3.400 3.500 3.300 3.200

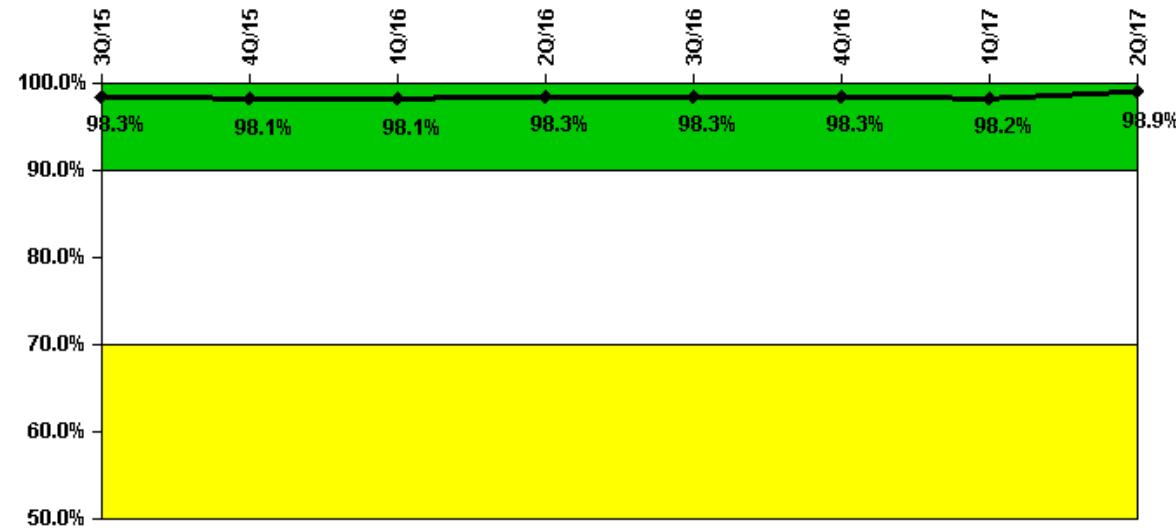
Technical specification limit 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0

Indicator value 14.8 14.8 14.8 12.4 14.4 13.6 12.0 12.4 13.6 14.0 13.2 12.8

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Licensee Comments: none

### Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

### Notes

| Drill/Exercise Performance | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 | 2Q/17 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities   | 62.0  | 63.0  | 13.0  | 141.0 | 98.0  | 36.0  | 24.0  | 100.0 |
| Total opportunities        | 62.0  | 64.0  | 13.0  | 142.0 | 101.0 | 36.0  | 24.0  | 101.0 |

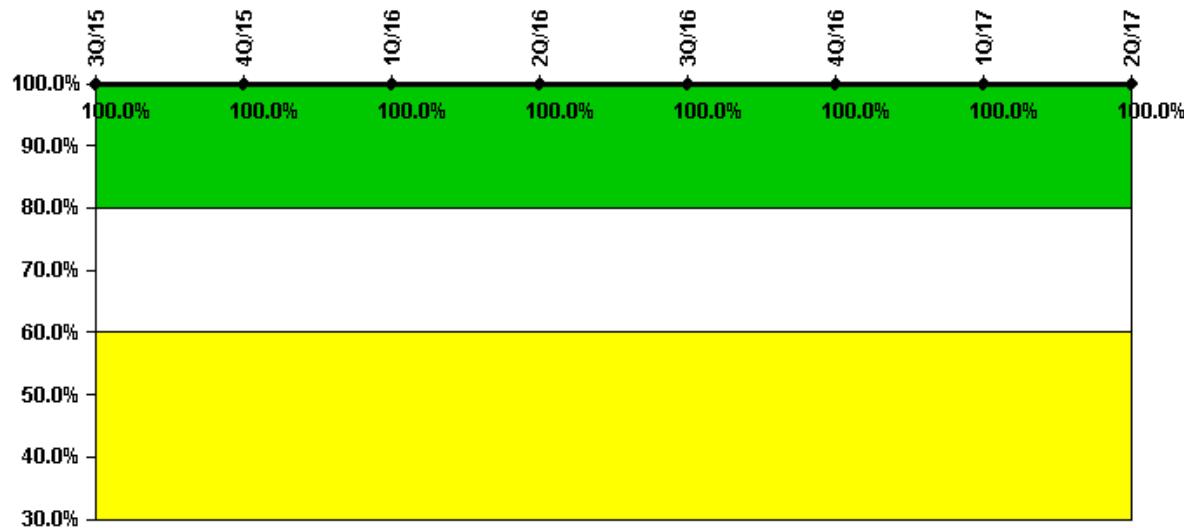
Indicator value      **98.3% 98.1% 98.1% 98.3% 98.3% 98.3% 98.2% 98.9%**

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Licensee Comments:

1Q/16: During an internal assessment, it was discovered that credit taken in June 2015 did not include opportunities that should have been counted. This was corrected by increasing the number of successful drill, exercise & event opportunities from 32 to 35, and increasing the number of total drill, exercise & event opportunities from 32 to 36. This issue has been entered into the corrective action program and does not result in a change to the performance indicator color.

4Q/15: During an internal assessment, it was discovered that credit was taken in April 2015 for an opportunity that should not have been counted. This was corrected by decreasing the number of total drill, exercise and event opportunities from 51 to 50 for April 2015. This issue, which did not result in a change to performance indicator color, has been entered into the corrective action program.

**ERO Drill Participation**

Thresholds: White < 80.0% Yellow < 60.0%

**Notes**

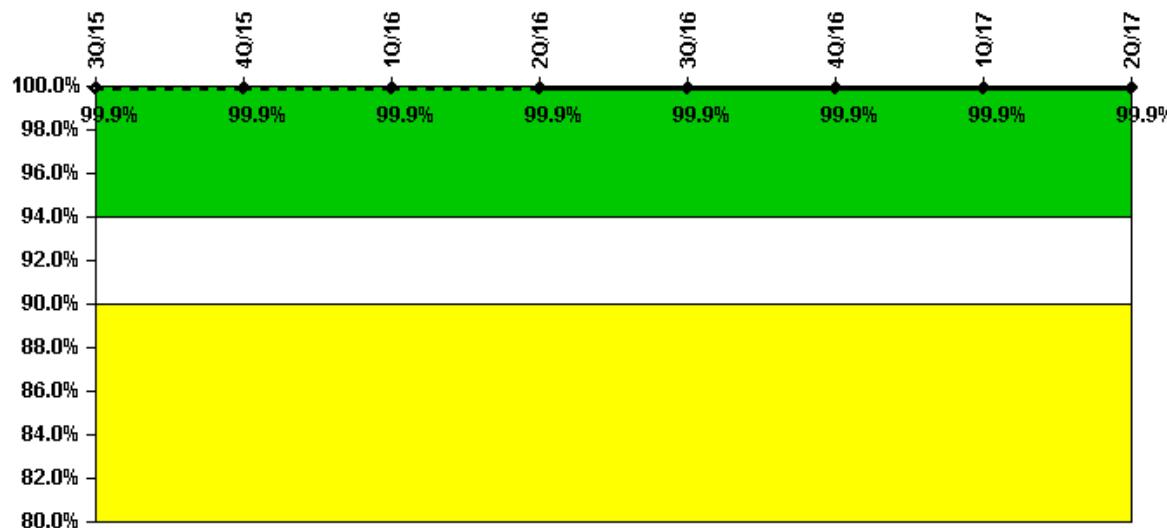
| ERO Drill Participation     | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 | 2Q/17 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Participating Key personnel | 68.0  | 67.0  | 67.0  | 63.0  | 62.0  | 62.0  | 63.0  | 65.0  |
| Total Key personnel         | 68.0  | 67.0  | 67.0  | 63.0  | 62.0  | 62.0  | 63.0  | 65.0  |

**Indicator value**      **100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0%**

TOP

**Licensee Comments:**

1Q/16: During an internal assessment, it was discovered that credit taken in February and March 2016 did not include participations that should have been counted. This was corrected by increasing the number of participating key personnel and total key personnel by two for February and March 2016. This issue has been entered into the corrective action program and does not result in a change to the performance indicator color.

**Alert & Notification System**

Thresholds: White < 94.0% Yellow < 90.0%

**Notes****Alert & Notification System 3Q/15 4Q/15 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17**

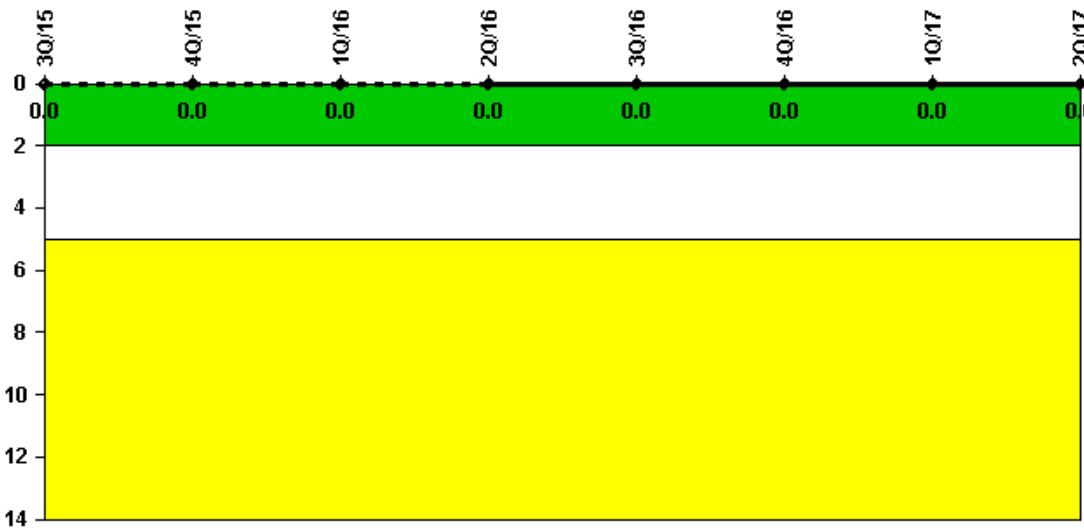
Successful siren-tests 2208 2175 2175 2174 2170 2106 2210 2173

Total sirens-tests 2210 2176 2176 2176 2176 2108 2210 2176

**Indicator value 99.9% 99.9% 99.9% 99.9% 99.9% 99.9% 99.9% 99.9%**

TOP

Licensee Comments: none

**Occupational Exposure Control Effectiveness**

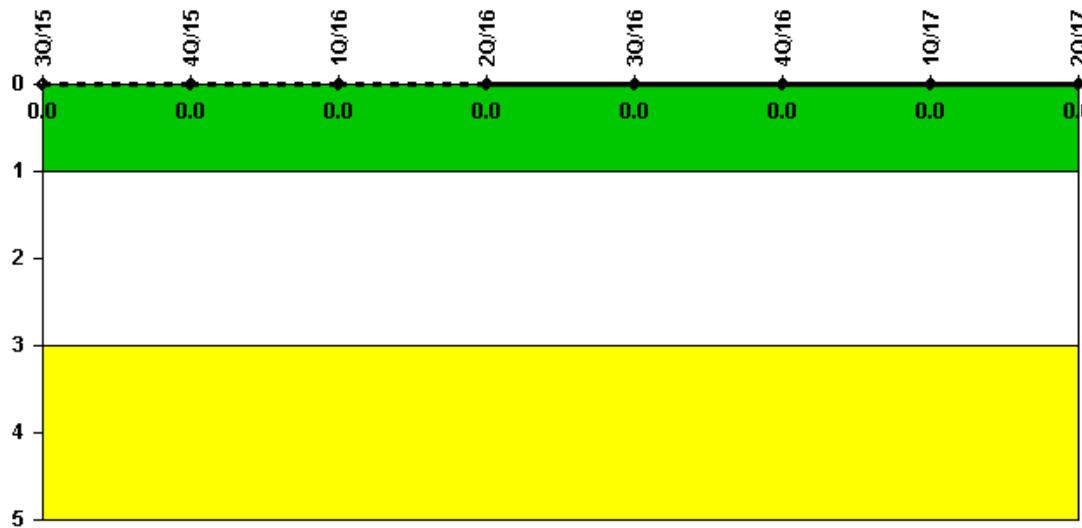
Thresholds: White > 2.0 Yellow > 5.0

**Notes****Occupational Exposure Control Effectiveness**

|                                      | 3Q/15    | 4Q/15    | 1Q/16    | 2Q/16    | 3Q/16    | 4Q/16    | 1Q/17    | 2Q/17    |
|--------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Very high radiation area occurrences | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>               | <b>0</b> |

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Licensee Comments: none

**RETS/ODCM Radiological Effluent**

Thresholds: White > 1.0 Yellow > 3.0

**Notes**

**RETS/ODCM Radiological Effluent** 3Q/15 4Q/15 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17  
RETS/ODCM occurrences      0      0      0      0      0      0      0      0

**Indicator value**      0      0      0      0      0      0      0      0

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Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

*Current data as of: July 26, 2017*

*Page Last Reviewed/Updated Wednesday, June 07, 2017*



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## La Salle 1 – Quarterly Performance Indicators

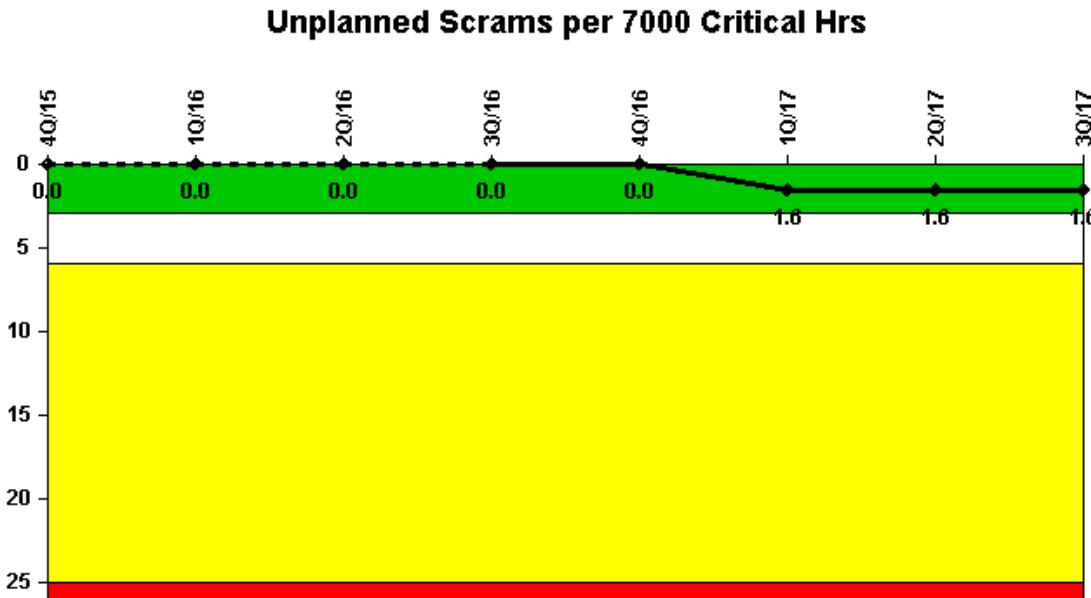
### 3Q/2017 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

On this page:

- Unplanned Scrams (IE01)
- Unplanned Power Changes per 7000 Critical Hours (IE03)
- Unplanned Scrams with Complications (IE04)
- Safety System Functional Failures (MS05)
- Emergency AC Power Systems (MS06)
- High Pressure Injection Systems (MS07)
- Heat Removal Systems (MS08)
- Residual Heat Removal Systems (MS09)
- Cooling Water Systems (MS10)
- Reactor Coolant System Activity (BI01)
- Reactor Coolant System Leakage (BI02)
- Drill/Exercise Performance (EP01)
- Emergency Response Organization Drill Participation (EP02)
- Alert and Notification System Reliability (EP03)
- Occupational Exposure Control Effectiveness (OR01)
- RETS/OCDM Radiological Effluent Occurrence (PR01)
- Protected Area Equipment (PP01)



**Thresholds:** White > 3.0 Yellow > 6.0 Red > 25.0

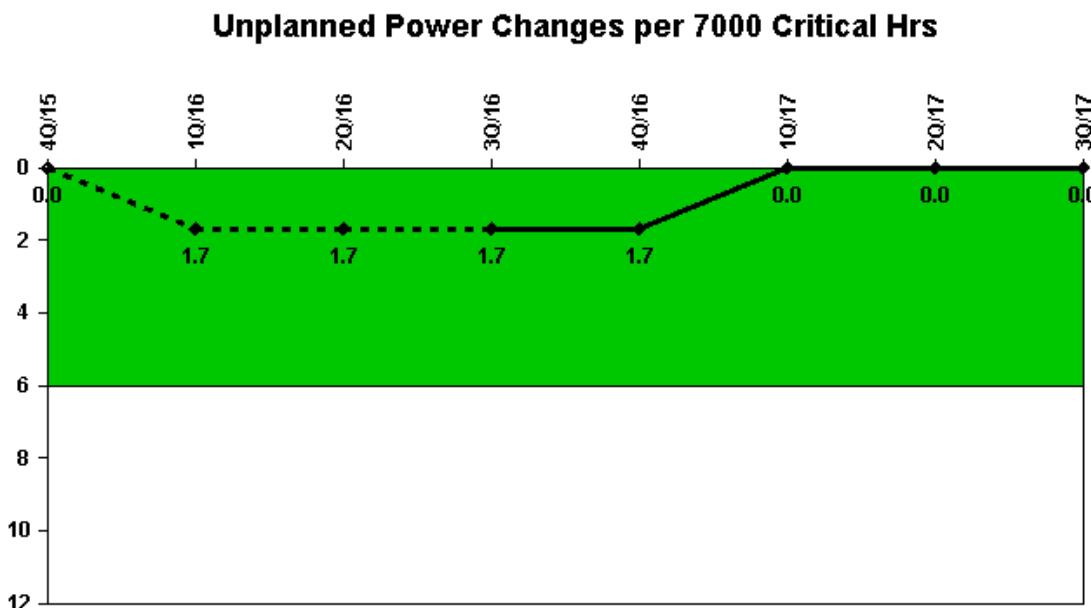
## Notes

| <b>Unplanned Scrams per 7000 Critical Hrs</b> | <b>4Q/15</b> | <b>1Q/16</b> | <b>2Q/16</b> | <b>3Q/16</b> | <b>4Q/16</b> | <b>1Q/17</b> | <b>2Q/17</b> | <b>3Q/17</b> |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Unplanned scrams                              | 0            | 0            | 0            | 0            | 0            | 2.0          | 0            | 0            |
| Critical hours                                | 2209.0       | 1484.7       | 2184.0       | 2208.0       | 2209.0       | 2084.6       | 2109.1       | 2208.0       |

## Indicator value



Licensee Comments: none



**Thresholds: White > 6.0**

**Notes**

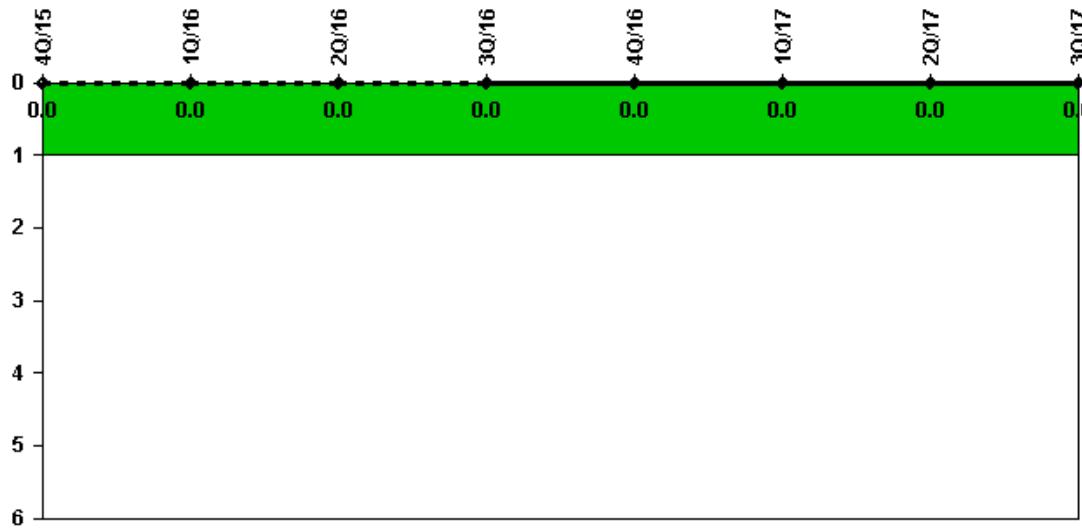
| Unplanned Power Changes per 7000 Critical Hrs | 4Q/15  | 1Q/16  | 2Q/16  | 3Q/16  | 4Q/16  | 1Q/17  | 2Q/17  | 3Q/17  |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes                       | 0      | 2.0    | 0      | 0      | 0      | 0      | 0      | 0      |
| Critical hours                                | 2209.0 | 1484.7 | 2184.0 | 2208.0 | 2209.0 | 2084.6 | 2109.1 | 2208.0 |

|                        |          |            |            |            |            |          |          |          |
|------------------------|----------|------------|------------|------------|------------|----------|----------|----------|
| <b>Indicator value</b> | <b>0</b> | <b>1.7</b> | <b>1.7</b> | <b>1.7</b> | <b>1.7</b> | <b>0</b> | <b>0</b> | <b>0</b> |
|------------------------|----------|------------|------------|------------|------------|----------|----------|----------|

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## Licensee Comments:

1Q/16: Unplanned power changes value for March 2016 has been corrected to reflect L1F42 and L1F43 as unplanned power changes per NEI 99-02. The correction has been documented in the corrective action program and do not result in a change to the performance indicator color for the affected quarters.

**Unplanned Scrams with Complications**

Thresholds: White > 1.0

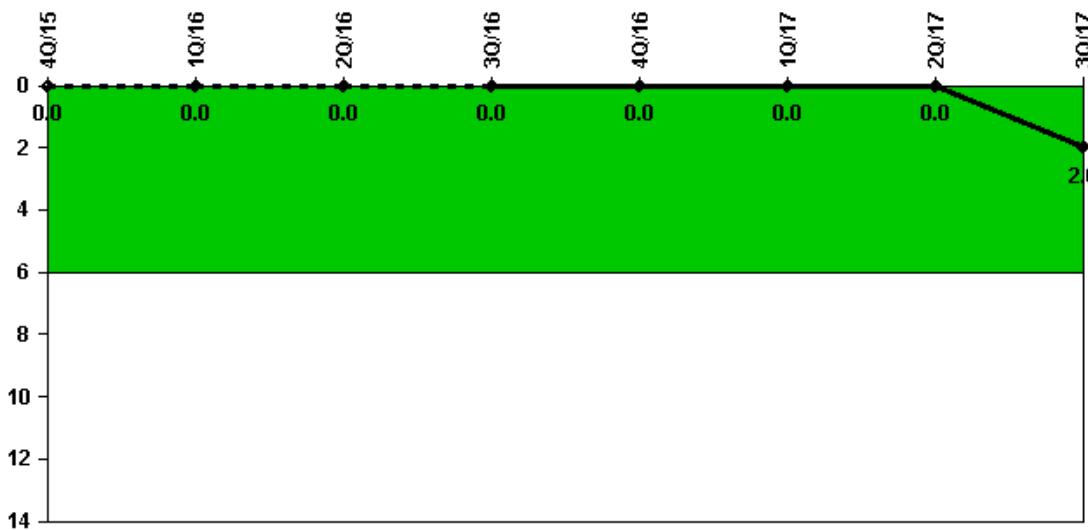
**Notes**

| Unplanned Scrams with Complications | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 | 2Q/17 | 3Q/17 |
|-------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams with complications           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

|                        |            |            |            |            |            |            |            |            |
|------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| <b>Indicator value</b> | <b>0.0</b> |
|------------------------|------------|------------|------------|------------|------------|------------|------------|------------|

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Licensee Comments: none

**Safety System Functional Failures (BWR)**

Thresholds: White &gt; 6.0

**Notes**

**Safety System Functional Failures (BWR)** 4Q/15 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17 3Q/17  
 Safety System Functional Failures                    0      0      0      0      0      0      0      2

Indicator value                    0      0      0      0      0      0      0      2

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Licensee Comments: none

**Mitigating Systems Performance Index, Emergency AC Power System**

Thresholds: White &gt; 1.00E-6 Yellow &gt; 1.00E-5 Red &gt; 1.00E-4

**Notes****Mitigating Systems Performance Index, Emergency**

|                        | <b>4Q/15</b>     | <b>1Q/16</b>     | <b>2Q/16</b>     | <b>3Q/16</b>     | <b>4Q/16</b>     | <b>1Q/17</b>     | <b>2Q/17</b>     | <b>3Q/17</b>     |
|------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| <b>AC Power System</b> |                  | -4.76E-09        | -5.16E-09        |                  |                  |                  |                  |                  |
| UAI ( $\Delta$ CDF)    | 3.81E-10         | 09               | 09               | 8.86E-09         | 1.11E-08         | 1.39E-08         | 1.69E-08         | 1.05E-08         |
| URI ( $\Delta$ CDF)    | -2.99E-08        | -3.60E-08        | -3.38E-08        | -3.38E-08        | -3.38E-08        | -3.38E-08        | -3.38E-08        | -3.38E-08        |
| PLE                    | NO               |
| <b>Indicator value</b> | <b>-3.00E-08</b> | <b>-4.10E-08</b> | <b>-3.90E-08</b> | <b>-2.50E-08</b> | <b>-2.30E-08</b> | <b>-2.00E-08</b> | <b>-1.70E-08</b> | <b>-2.30E-08</b> |

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## Licensee Comments:

3Q/17: LER 373-2017-006-00 (2017-07) and LER 373-2017-007-00 (2017-08)

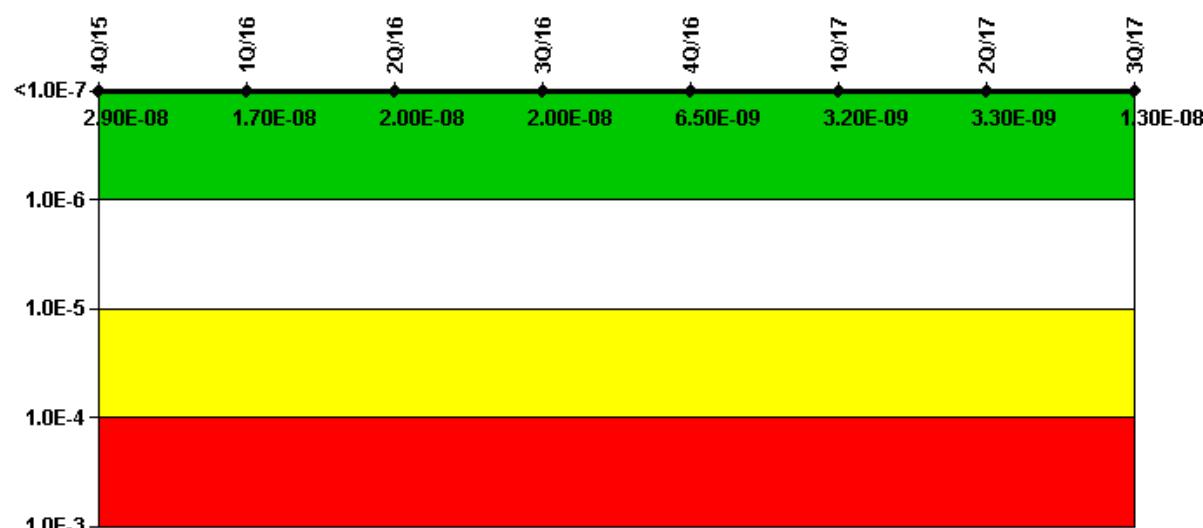
4Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

3Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

2Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented in the 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model. 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented in the 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model.

**Mitigating Systems Performance Index, High Pressure Injection System**

Thresholds: White &gt; 1.00E-6 Yellow &gt; 1.00E-5 Red &gt; 1.00E-4

**Notes**

| Mitigating Systems Performance Index, High Pressure Injection System | 4Q/15     | 1Q/16     | 2Q/16     | 3Q/16     | 4Q/16     | 1Q/17     | 2Q/17     | 3Q/17     |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI ( $\Delta$ CDF)  | 4.18E-08  | 2.76E-08  | 2.99E-08  | 2.90E-08  | 1.59E-08  | 1.26E-08  | 1.27E-08  | 2.20E-08  |
| URI ( $\Delta$ CDF)  | -1.30E-08 | -1.01E-08 | -9.41E-09 | -9.41E-09 | -9.41E-09 | -9.41E-09 | -9.41E-09 | -9.41E-09 |
| PLE  | NO        |
| Indicator value  | 2.90E-08  | 1.70E-08  | 2.00E-08  | 2.00E-08  | 6.50E-09  | 3.20E-09  | 3.30E-09  | 1.30E-08  |

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## Licensee Comments:

4Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

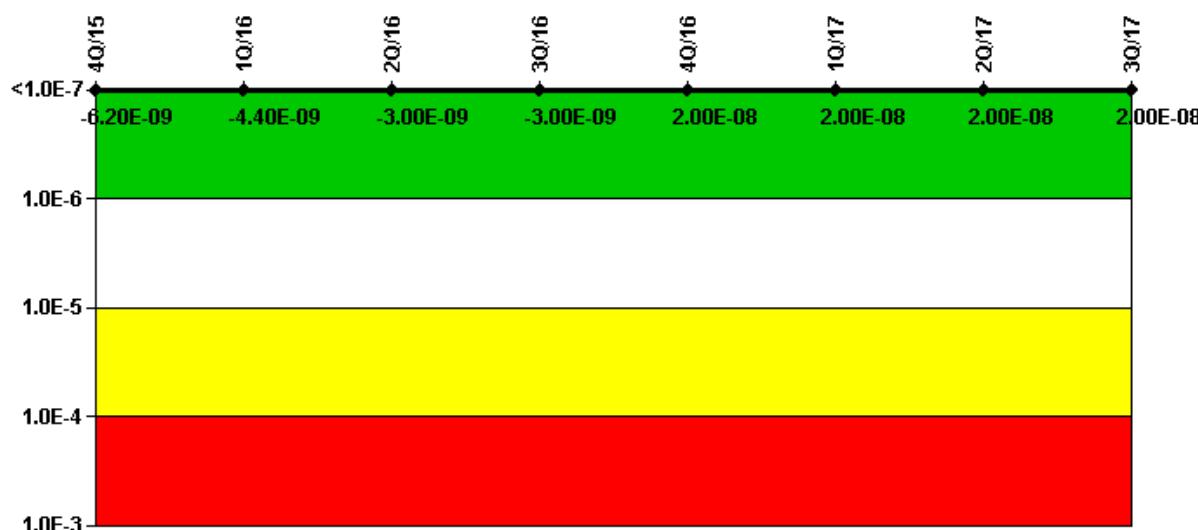
3Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

2Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented in the 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model. 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented in the 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model.

### Mitigating Systems Performance Index, Heat Removal System



Thresholds: White &gt; 1.00E-6 Yellow &gt; 1.00E-5 Red &gt; 1.00E-4

**Notes**

### Mitigating Systems Performance Index, Heat Removal System

|                     | 4Q/15     | 1Q/16     | 2Q/16     | 3Q/16     | 4Q/16    | 1Q/17    | 2Q/17    | 3Q/17    |
|---------------------|-----------|-----------|-----------|-----------|----------|----------|----------|----------|
| UAI ( $\Delta$ CDF) | -1.52E-09 | -9.12E-10 | -1.06E-09 | -1.06E-09 | 4.46E-10 | 4.26E-10 | 4.31E-10 | 4.31E-10 |

|                     |           |           |           |           |          |          |          |          |
|---------------------|-----------|-----------|-----------|-----------|----------|----------|----------|----------|
| URI ( $\Delta$ CDF) | -4.66E-09 | -3.51E-09 | -1.94E-09 | -1.94E-09 | 1.93E-08 | 1.93E-08 | 1.93E-08 | 1.93E-08 |
| PLE                 | NO        | NO        | NO        | NO        | NO       | NO       | NO       | NO       |
| Indicator value     | -6.20E-09 | -4.40E-09 | -3.00E-09 | -3.00E-09 | 2.00E-08 | 2.00E-08 | 2.00E-08 | 2.00E-08 |

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## Licensee Comments:

4Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

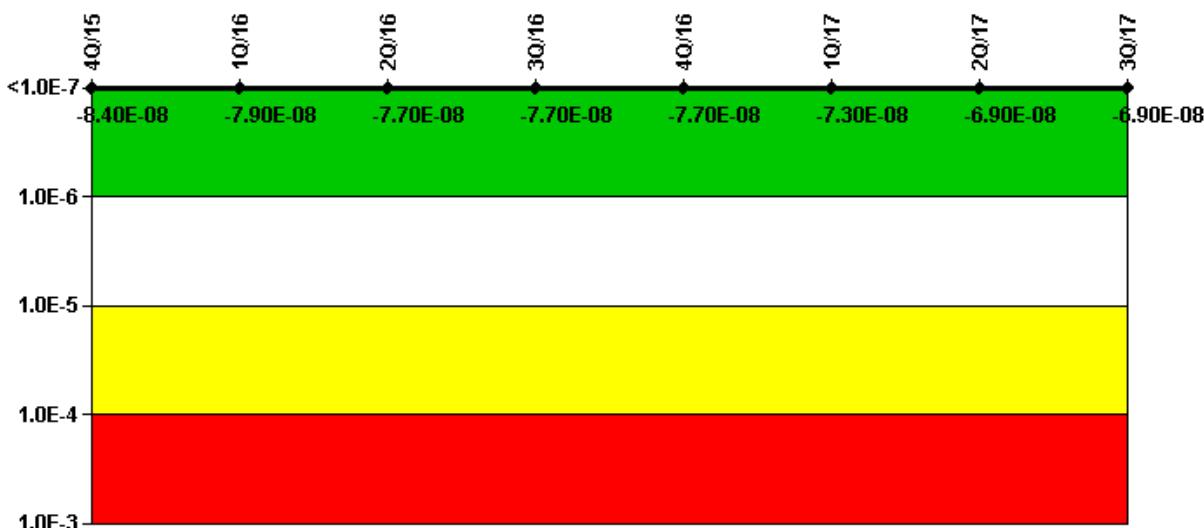
3Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

2Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented in 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model. 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented in 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model.

### Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White &gt; 1.00E-6 Yellow &gt; 1.00E-5 Red &gt; 1.00E-4

**Notes**

#### Mitigating Systems Performance Index, Residual Heat Removal System

|                     | 4Q/15     | 1Q/16     | 2Q/16     | 3Q/16     | 4Q/16     | 1Q/17     | 2Q/17     | 3Q/17     |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI ( $\Delta$ CDF) | -3.50E-08 | -3.37E-08 | -3.41E-08 | -3.41E-08 | -3.41E-08 | -3.01E-08 | -2.59E-08 | -2.59E-08 |
| URI ( $\Delta$ CDF) | -4.94E-08 | -4.52E-08 | -4.26E-08 | -4.26E-08 | -4.26E-08 | -4.26E-08 | -4.26E-08 | -4.26E-08 |
| PLE                 | NO        |

| Indicator value | -8.40E-08 | -7.90E-08 | -7.70E-08 | -7.70E-08 | -7.70E-08 | -7.30E-08 | -6.90E-08 | -6.90E-08 |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|

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## Licensee Comments:

4Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

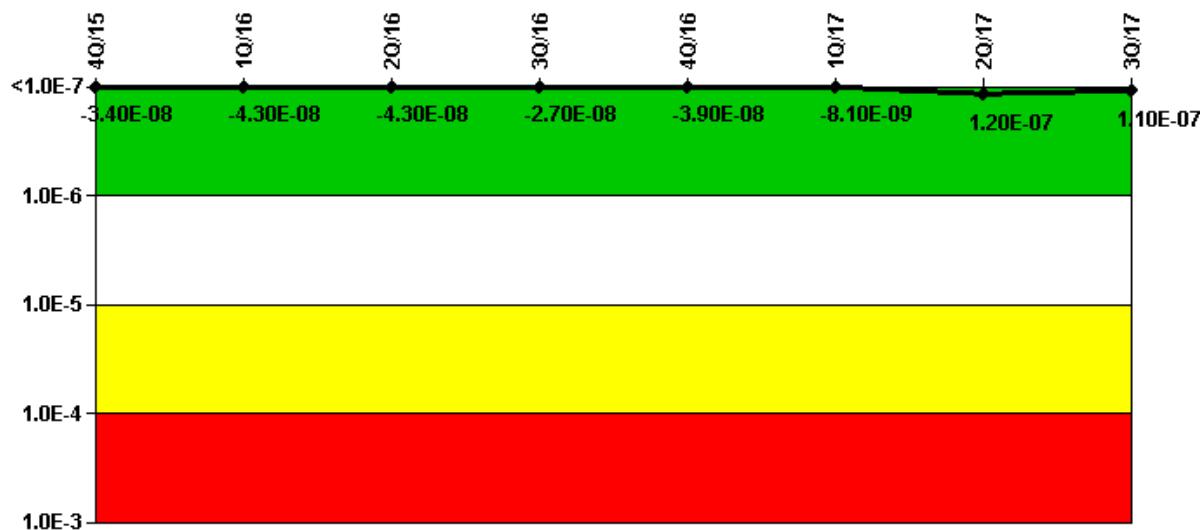
3Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

2Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented in 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model. 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented in 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model.

### Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White &gt; 1.00E-6 Yellow &gt; 1.00E-5 Red &gt; 1.00E-4

**Notes**

#### Mitigating Systems Performance Index, Cooling Water Systems

|                     | 4Q/15     | 1Q/16     | 2Q/16     | 3Q/16     | 4Q/16     | 1Q/17     | 2Q/17    | 3Q/17    |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|----------|----------|
| UAI ( $\Delta$ CDF) | 2.95E-08  | 8.07E-09  | 7.71E-09  | 2.31E-08  | 1.14E-08  | 4.24E-08  | 7.23E-08 | 6.87E-08 |
| URI ( $\Delta$ CDF) | -6.33E-08 | -5.09E-08 | -5.05E-08 | -5.05E-08 | -5.05E-08 | -5.05E-08 | 4.40E-08 | 4.40E-08 |
| PLE                 | NO        | NO        | NO        | NO        | NO        | NO        | NO       | NO       |
| Indicator value     | -3.40E-08 | -4.30E-08 | -4.30E-08 | -2.70E-08 | -3.90E-08 | -8.10E-09 | 1.20E-07 | 1.10E-07 |

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## Licensee Comments:

2Q/17: 10/20/17: The unplanned unavailable hours for 0 DGCWP under MSPI Cooling Water System 2 indicator affecting Unit 1 June 2017 data is corrected from 0 hours to 11.43 hours. This correction has been documented in the corrective action program and does not result in a change to the MSPI performance indicator color for the affected quarter.

4Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

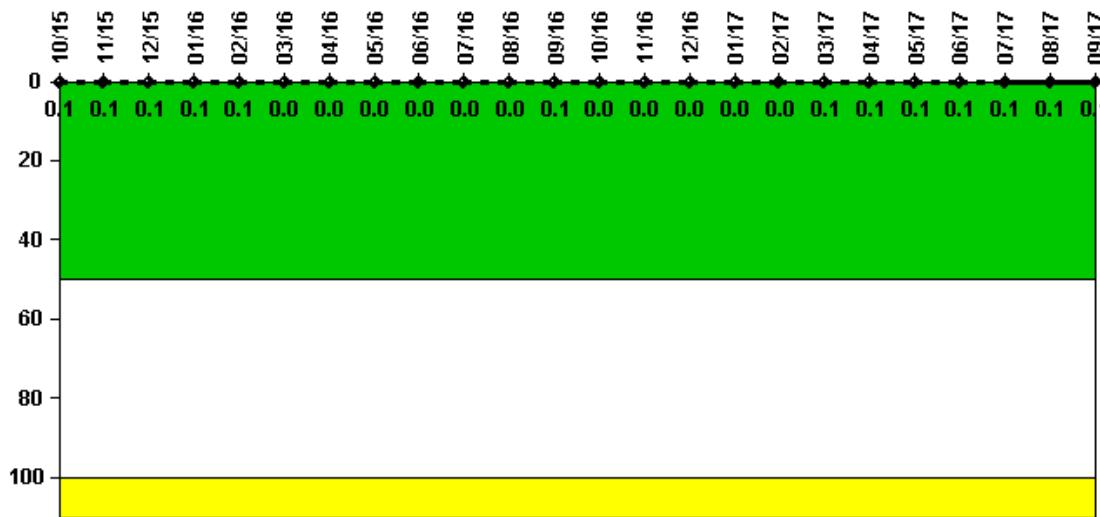
3Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

2Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented for 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model. 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented for 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model.

### Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

### Notes

| Reactor Coolant System Activity | 10/15    | 11/15    | 12/15    | 1/16     | 2/16     | 3/16     | 4/16     | 5/16     | 6/16     | 7/16     | 8/16     | 9/16     |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity                | 0.000135 | 0.000130 | 0.000133 | 0.000115 | 0.000110 | 0.000048 | 0.000053 | 0.000049 | 0.000054 | 0.000092 | 0.000070 | 0.000107 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |

|  | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0.1 |
|--|-----|-----|-----|-----|-----|---|---|---|---|---|---|-----|
|--|-----|-----|-----|-----|-----|---|---|---|---|---|---|-----|

**Indicator value****Reactor Coolant System Activity**

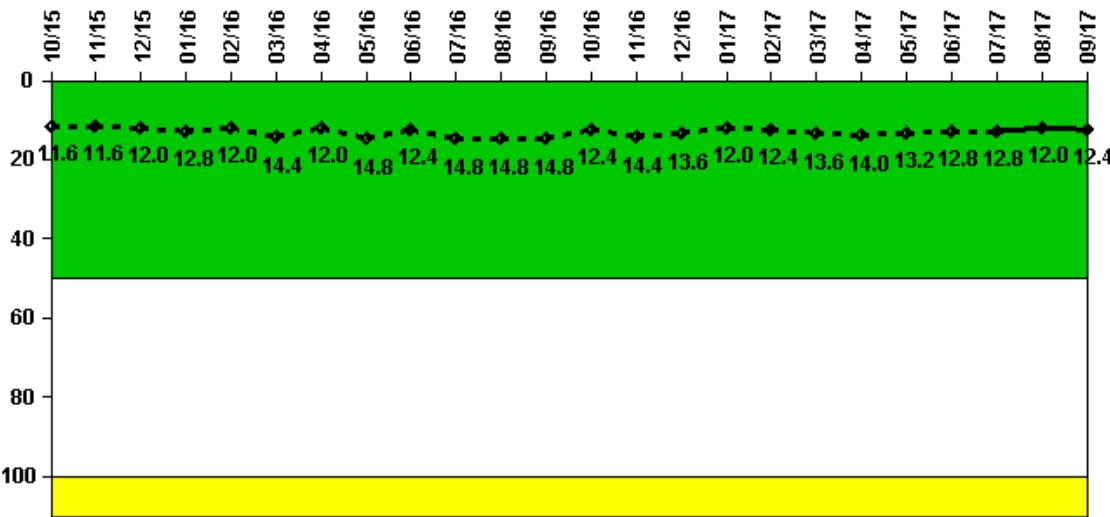
|                               | 10/16    | 11/16    | 12/16    | 1/17     | 2/17     | 3/17     | 4/17     | 5/17     | 6/17     | 7/17     | 8/17     | 9/17     |
|-------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity              | 0.000079 | 0.000075 | 0.000078 | 0.000081 | 0.000097 | 0.000109 | 0.000127 | 0.000115 | 0.000138 | 0.000116 | 0.000140 | 0.000117 |
| Technical specification limit | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |

**Indicator value**

|   |   |   |   |   |     |     |     |     |     |     |     |     |
|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | 0 | 0 | 0 | 0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|-----|

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Licensee Comments: none

**Reactor Coolant System Leakage**

Thresholds: White &gt; 50.0 Yellow &gt; 100.0

**Notes****Reactor Coolant System Leakage 10/15 11/15 12/15 1/16 2/16 3/16 4/16 5/16 6/16 7/16 8/16 9/16**

Maximum leakage 2.900 2.900 3.000 3.200 3.000 3.600 3.000 3.700 3.100 3.700 3.700 3.700

Technical specification limit 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0

**Indicator value 11.6 11.6 12.0 12.8 12.0 14.4 12.0 14.8 12.4 14.8 14.8 14.8****Reactor Coolant System Leakage 10/16 11/16 12/16 1/17 2/17 3/17 4/17 5/17 6/17 7/17 8/17 9/17**

Maximum leakage 3.100 3.600 3.400 3.000 3.100 3.400 3.500 3.300 3.200 3.200 3.000 3.100

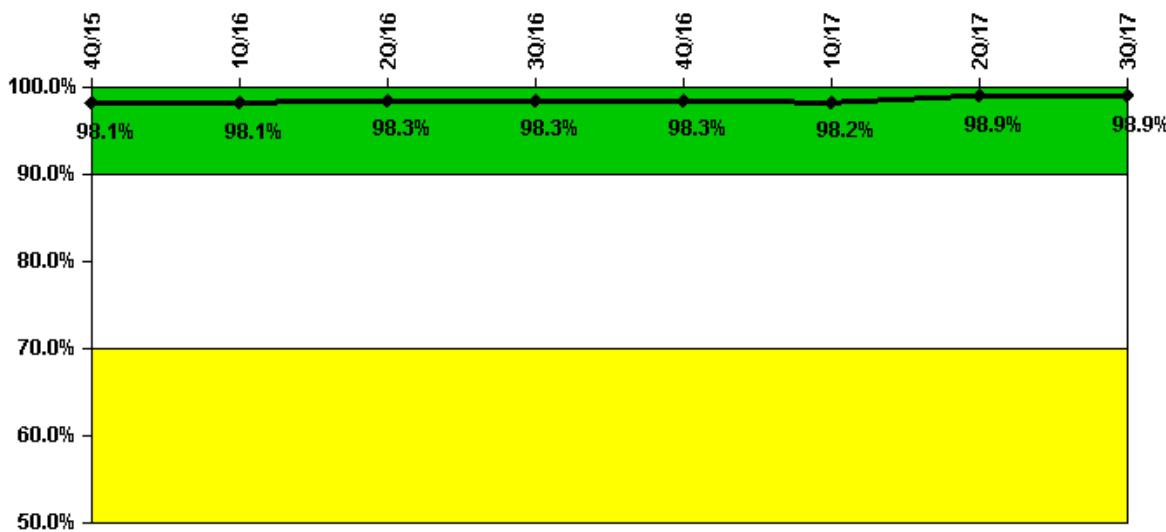
Technical specification limit 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0

**Indicator value** 12.4 14.4 13.6 12.0 12.4 13.6 14.0 13.2 12.8 12.8 12.0 12.4

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Licensee Comments: none

### Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

### Notes

#### Drill/Exercise Performance 4Q/15 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17 3Q/17

|                          |      |      |       |       |      |      |       |      |
|--------------------------|------|------|-------|-------|------|------|-------|------|
| Successful opportunities | 63.0 | 13.0 | 141.0 | 98.0  | 36.0 | 24.0 | 100.0 | 78.0 |
| Total opportunities      | 64.0 | 13.0 | 142.0 | 101.0 | 36.0 | 24.0 | 101.0 | 78.0 |

**Indicator value** 98.1% 98.1% 98.3% 98.3% 98.3% 98.2% 98.9% 98.9%

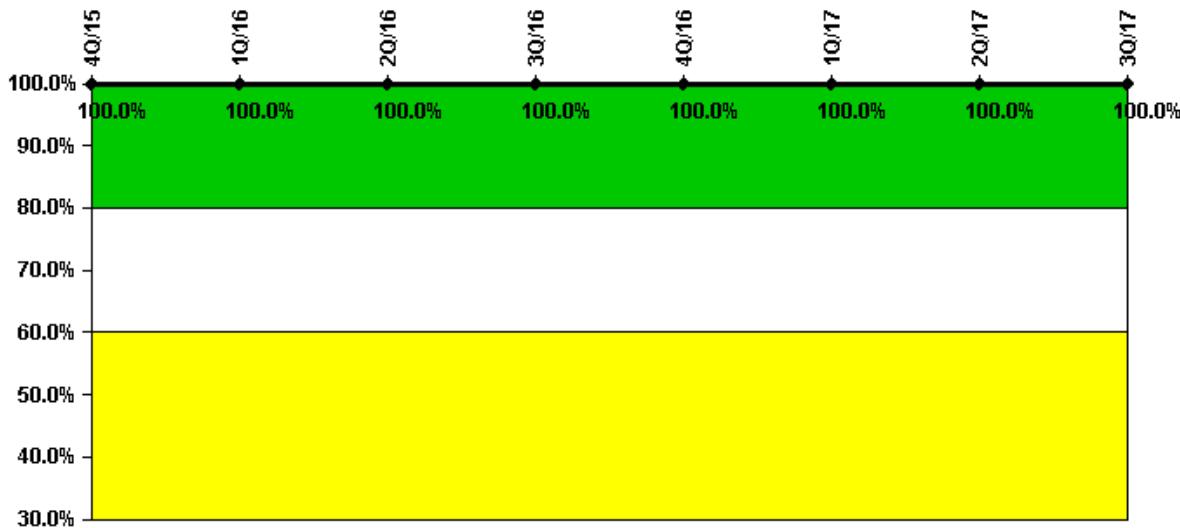
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Licensee Comments:

1Q/16: During an internal assessment, it was discovered that credit taken in June 2015 did not include opportunities that should have been counted. This was corrected by increasing the number of successful drill, exercise & event opportunities from 32 to 35, and increasing the number of total drill, exercise & event opportunities from 32 to 36. This issue has been entered into the corrective action program and does not result in a change to the performance indicator color.

4Q/15: During an internal assessment, it was discovered that credit was taken in April 2015 for an opportunity that should not have been counted. This was corrected by decreasing the number of total drill, exercise and event opportunities from 51 to 50 for April 2015. This issue, which did not result in a change to performance indicator color, has been entered into the corrective action program.

### ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

| ERO Drill Participation     | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 | 2Q/17 | 3Q/17 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Participating Key personnel | 67.0  | 67.0  | 63.0  | 62.0  | 62.0  | 63.0  | 65.0  | 64.0  |
| Total Key personnel         | 67.0  | 67.0  | 63.0  | 62.0  | 62.0  | 63.0  | 65.0  | 64.0  |

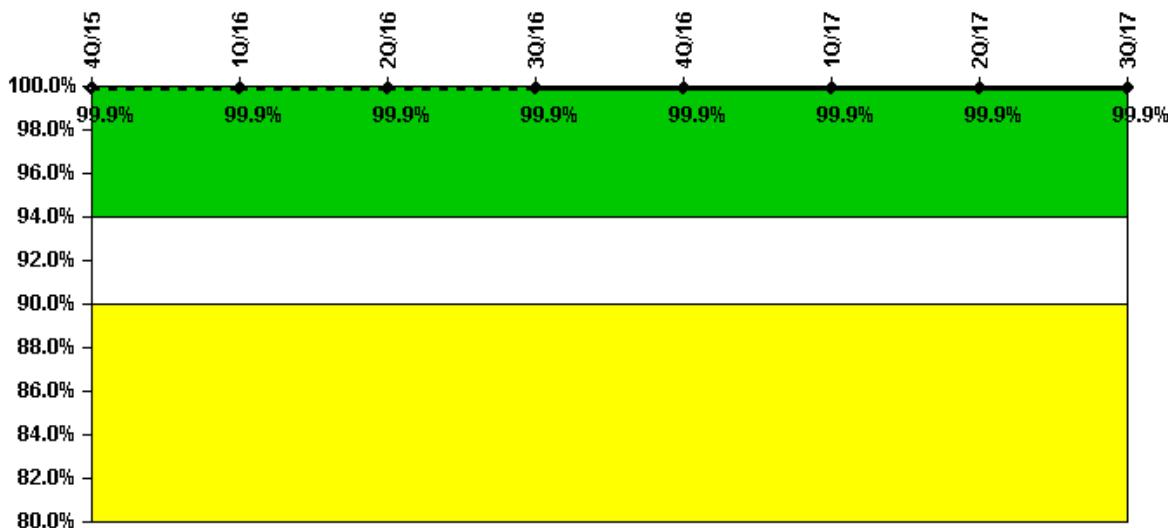
Indicator value      100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0%

TOP

#### Licensee Comments:

1Q/16: During an internal assessment, it was discovered that credit taken in February and March 2016 did not include participations that should have been counted. This was corrected by increasing the number of participating key personnel and total key personnel by two for February and March 2016. This issue has been entered into the corrective action program and does not result in a change to the performance indicator color.

### Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

#### Notes

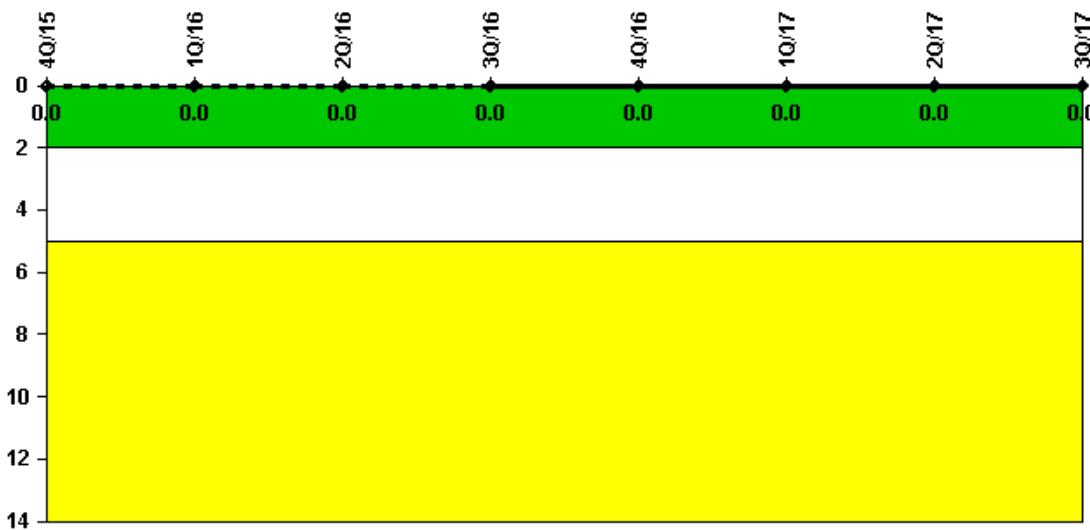
##### Alert & Notification System 4Q/15 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17 3Q/17

|                        |      |      |      |      |      |      |      |      |
|------------------------|------|------|------|------|------|------|------|------|
| Successful siren-tests | 2175 | 2175 | 2174 | 2170 | 2106 | 2210 | 2173 | 2140 |
| Total sirens-tests     | 2176 | 2176 | 2176 | 2176 | 2108 | 2210 | 2176 | 2142 |

Indicator value                    99.9% 99.9% 99.9% 99.9% 99.9% 99.9% 99.9% 99.9%

TOP

Licensee Comments: none

**Occupational Exposure Control Effectiveness**

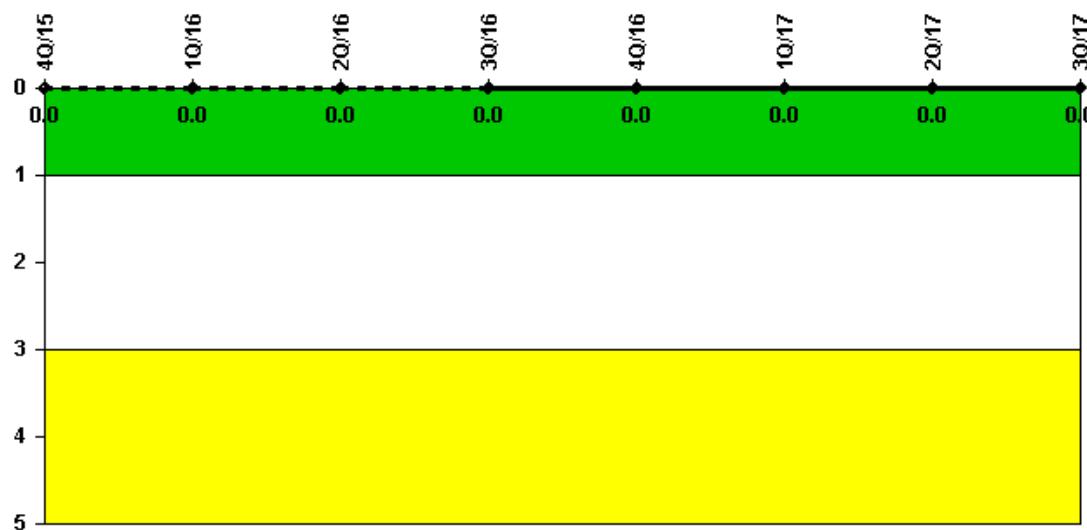
Thresholds: White > 2.0 Yellow > 5.0

**Notes**

| Occupational Exposure Control Effectiveness | 4Q/15    | 1Q/16    | 2Q/16    | 3Q/16    | 4Q/16    | 1Q/17    | 2Q/17    | 3Q/17    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Very high radiation area occurrences        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>                      | <b>0</b> |

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Licensee Comments: none

**RETS/ODCM Radiological Effluent**

Thresholds: White > 1.0 Yellow > 3.0

**Notes**

**RETS/ODCM Radiological Effluent** 4Q/15 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17 3Q/17  
RETS/ODCM occurrences      0      0      0      0      0      0      0      0

**Indicator value**      0      0      0      0      0      0      0      0

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Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

*Current data as of: October 31, 2017*

*Page Last Reviewed/Updated Monday, November 06, 2017*



Home > Nuclear Reactors > Operating Reactors > Reactor Oversight Process > Plant Summaries > La Salle 1 > Quarterly Performance Indicators

## La Salle 1 – Quarterly Performance Indicators

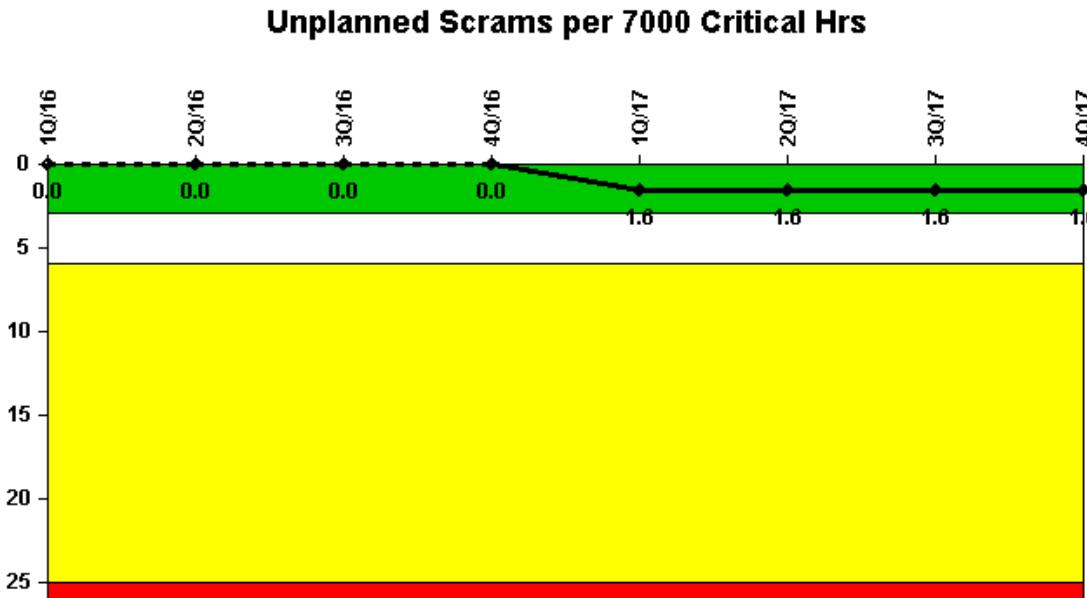
### 4Q/2017 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

On this page:

- Unplanned Scrams (IE01)
- Unplanned Power Changes per 7000 Critical Hours (IE03)
- Unplanned Scrams with Complications (IE04)
- Safety System Functional Failures (MS05)
- Emergency AC Power Systems (MS06)
- High Pressure Injection Systems (MS07)
- Heat Removal Systems (MS08)
- Residual Heat Removal Systems (MS09)
- Cooling Water Systems (MS10)
- Reactor Coolant System Activity (BI01)
- Reactor Coolant System Leakage (BI02)
- Drill/Exercise Performance (EP01)
- Emergency Response Organization Drill Participation (EP02)
- Alert and Notification System Reliability (EP03)
- Occupational Exposure Control Effectiveness (OR01)
- RETS/OCDM Radiological Effluent Occurrence (PR01)
- Protected Area Equipment (PP01)



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

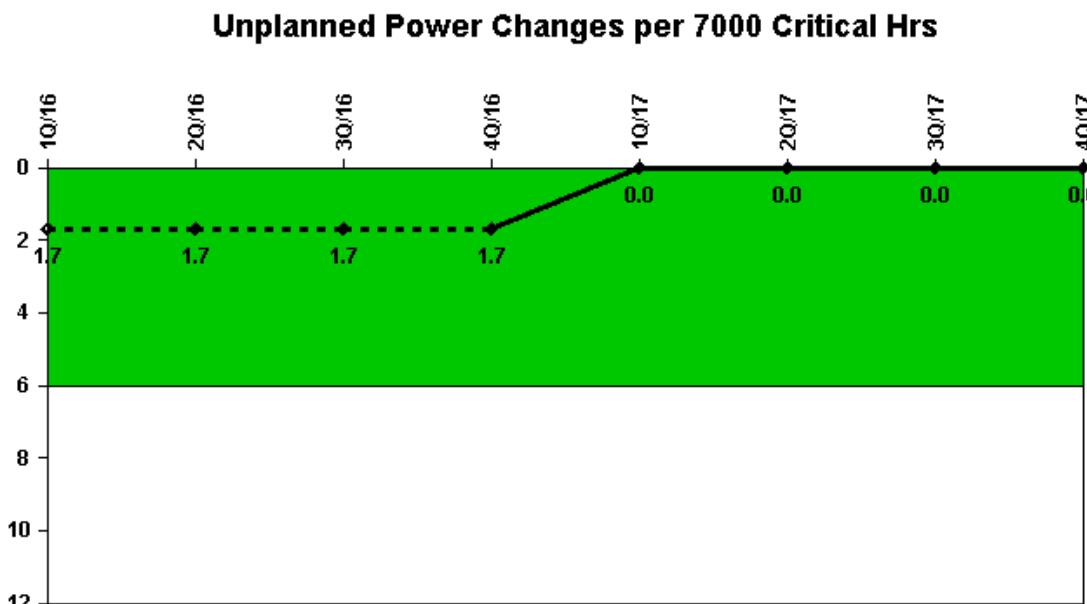
## Notes

| <b>Unplanned Scrams per 7000 Critical Hrs</b> | <b>1Q/16</b> | <b>2Q/16</b> | <b>3Q/16</b> | <b>4Q/16</b> | <b>1Q/17</b> | <b>2Q/17</b> | <b>3Q/17</b> | <b>4Q/17</b> |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Unplanned scrams                              | 0            | 0            | 0            | 0            | 2.0          | 0            | 0            | 0            |
| Critical hours                                | 1484.7       | 2184.0       | 2208.0       | 2209.0       | 2084.6       | 2109.1       | 2208.0       | 2209.0       |

#### Indicator value



Licensee Comments: none



Thresholds: White > 6.0

**Notes**

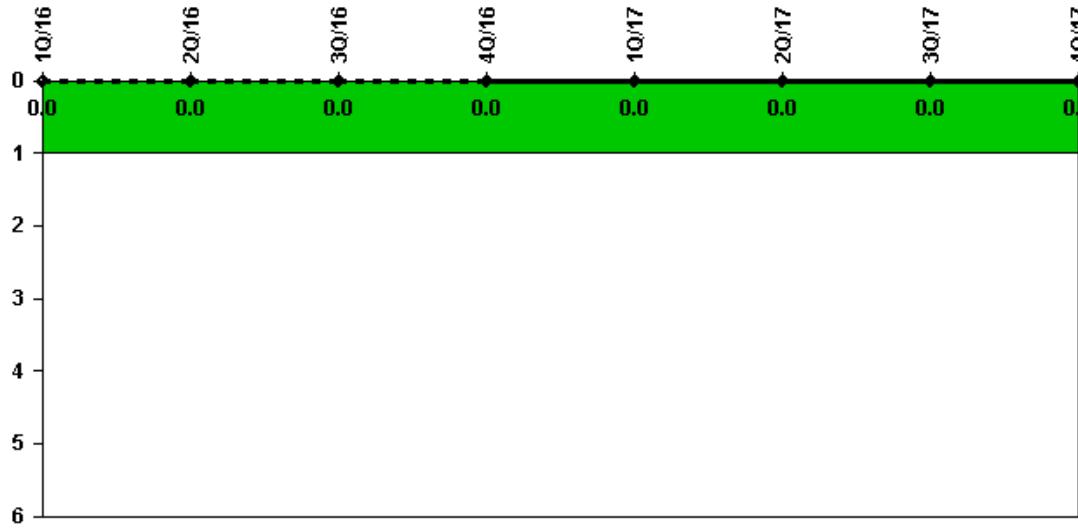
| Unplanned Power Changes per 7000 Critical Hrs | 1Q/16  | 2Q/16  | 3Q/16  | 4Q/16  | 1Q/17  | 2Q/17  | 3Q/17  | 4Q/17  |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes                       | 2.0    | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Critical hours                                | 1484.7 | 2184.0 | 2208.0 | 2209.0 | 2084.6 | 2109.1 | 2208.0 | 2209.0 |

|                        |            |            |            |            |          |          |          |          |
|------------------------|------------|------------|------------|------------|----------|----------|----------|----------|
| <b>Indicator value</b> | <b>1.7</b> | <b>1.7</b> | <b>1.7</b> | <b>1.7</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> |
|------------------------|------------|------------|------------|------------|----------|----------|----------|----------|

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## Licensee Comments:

1Q/16: Unplanned power changes value for March 2016 has been corrected to reflect L1F42 and L1F43 as unplanned power changes per NEI 99-02. The correction has been documented in the corrective action program and do not result in a change to the performance indicator color for the affected quarters.

**Unplanned Scrams with Complications**

Thresholds: White > 1.0

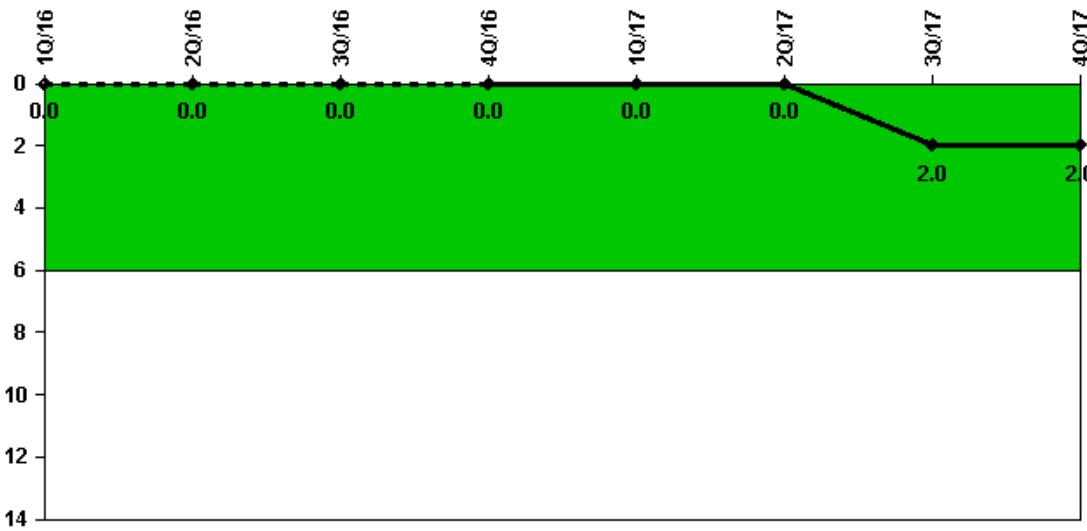
**Notes**

| Unplanned Scrams with Complications | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 | 2Q/17 | 3Q/17 | 4Q/17 |
|-------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams with complications           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

|                        |            |            |            |            |            |            |            |            |
|------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| <b>Indicator value</b> | <b>0.0</b> |
|------------------------|------------|------------|------------|------------|------------|------------|------------|------------|

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Licensee Comments: none

**Safety System Functional Failures (BWR)**

Thresholds: White > 6.0

**Notes**

**Safety System Functional Failures (BWR)** 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17 3Q/17 4Q/17  
Safety System Functional Failures                    0        0        0        0        0        0        2        0

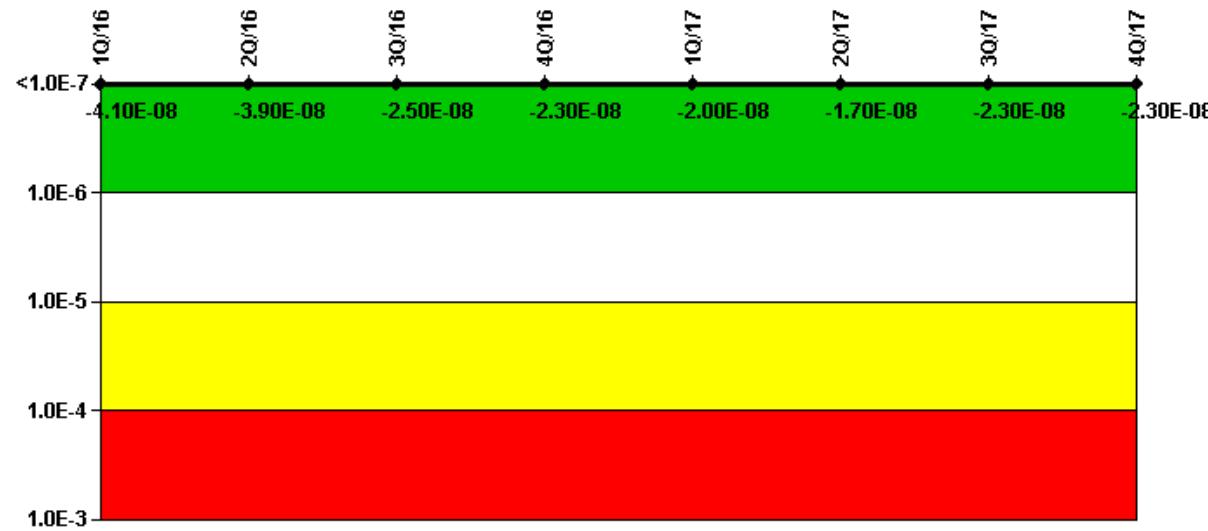
Indicator value                    0        0        0        0        0        0        2        2

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**Licensee Comments:**

3Q/17: Third Quarter 2017 Safety System Functional Failures were reported under LER 373-2017-006-00 (2017-07) and LER 373-2017-007-00 (2017-08).

## Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

#### Mitigating Systems Performance Index, Emergency AC Power System

|                     | 1Q/16            | 2Q/16            | 3Q/16            | 4Q/16            | 1Q/17            | 2Q/17            | 3Q/17            | 4Q/17            |
|---------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF) | -4.76E-09        | -5.16E-09        | 8.86E-09         | 1.11E-08         | 1.39E-08         | 1.69E-08         | 1.05E-08         | 1.04E-08         |
| URI ( $\Delta$ CDF) | -3.60E-08        | -3.38E-08        |
| PLE                 | NO               |
| Indicator value     | <b>-4.10E-08</b> | <b>-3.90E-08</b> | <b>-2.50E-08</b> | <b>-2.30E-08</b> | <b>-2.00E-08</b> | <b>-1.70E-08</b> | <b>-2.30E-08</b> | <b>-2.30E-08</b> |

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#### Licensee Comments:

3Q/17: LER 373-2017-006-00 (2017-07) and LER 373-2017-007-00 (2017-08)

3Q/17: Quarterly PI comments for Third Quarter 2017 Safety System Functional Failures were erroneously reported under Emergency AC Power System quarterly PI comments in third quarter 2017.

4Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

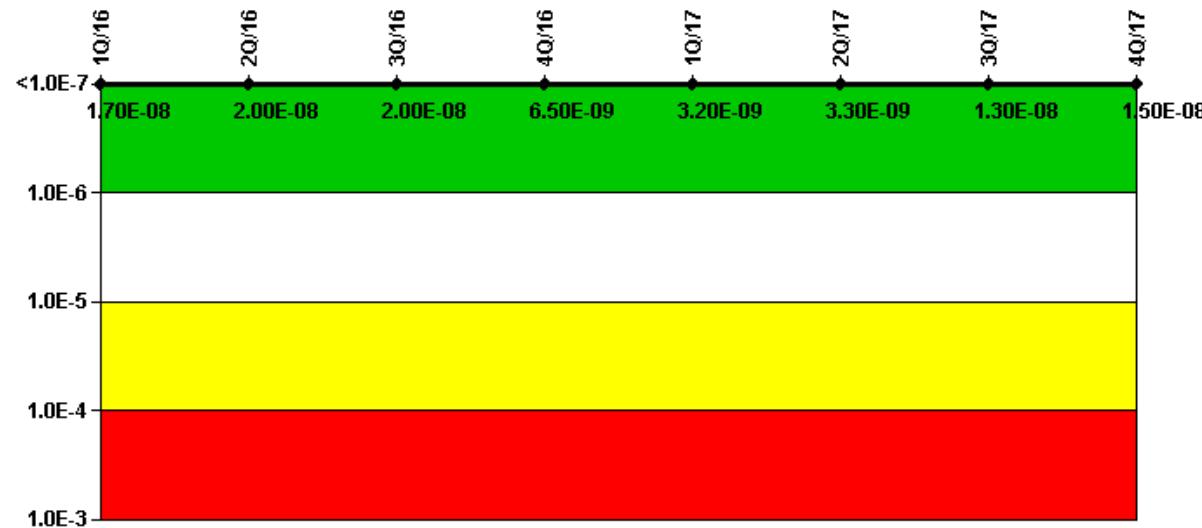
3Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

2Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented in the 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model. 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented in the 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model.

## Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

#### Mitigating Systems Performance Index, High Pressure Injection System

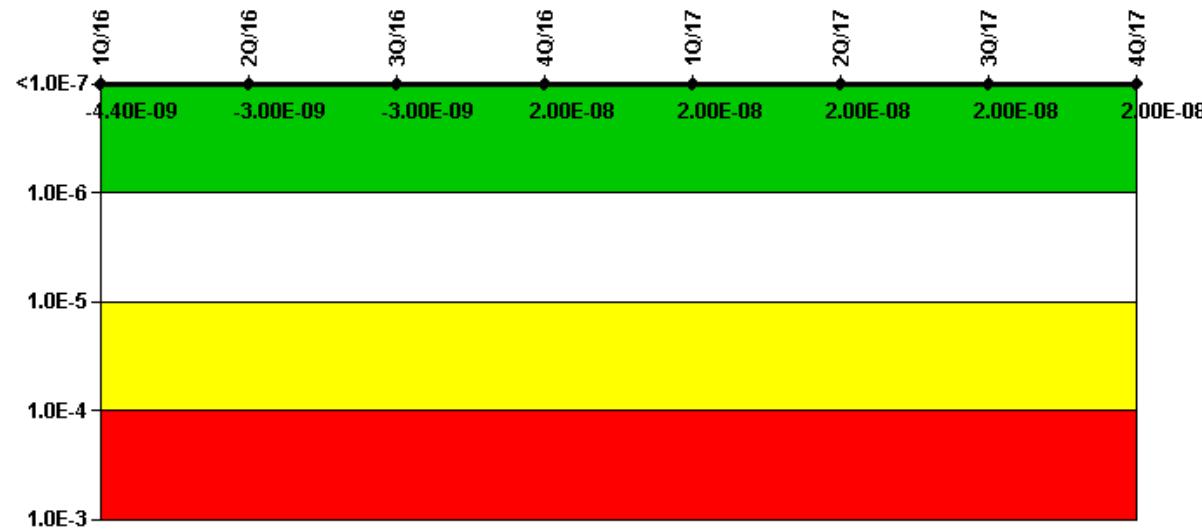
|                     | 1Q/16     | 2Q/16     | 3Q/16     | 4Q/16     | 1Q/17     | 2Q/17     | 3Q/17     | 4Q/17     |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI ( $\Delta$ CDF) | 2.76E-08  | 2.99E-08  | 2.90E-08  | 1.59E-08  | 1.26E-08  | 1.27E-08  | 2.20E-08  | 2.42E-08  |
| URI ( $\Delta$ CDF) | -1.01E-08 | -9.41E-09 |
| PLE                 | NO        |
| Indicator value     | 1.70E-08  | 2.00E-08  | 2.00E-08  | 6.50E-09  | 3.20E-09  | 3.30E-09  | 1.30E-08  | 1.50E-08  |

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### Licensee Comments:

- 4Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.
- 3Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.
- 2Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.
- 1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented in the 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model. 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.
- 1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented in the 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model.

### Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

#### Notes

##### Mitigating Systems Performance Index, Heat Removal System

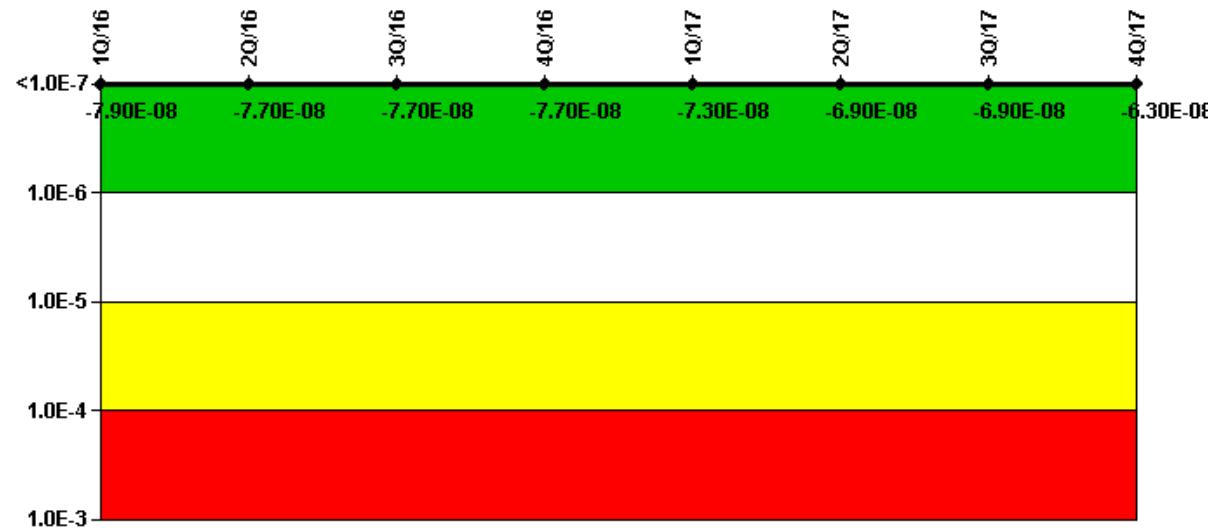
|                     | 1Q/16            | 2Q/16            | 3Q/16            | 4Q/16           | 1Q/17           | 2Q/17           | 3Q/17           | 4Q/17           |
|---------------------|------------------|------------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| UAI ( $\Delta$ CDF) | -9.12E-10        | -1.06E-09        | -1.06E-09        | 4.46E-10        | 4.26E-10        | 4.31E-10        | 4.31E-10        | 4.21E-10        |
| URI ( $\Delta$ CDF) | -3.51E-09        | -1.94E-09        | -1.94E-09        | 1.93E-08        | 1.93E-08        | 1.93E-08        | 1.93E-08        | 1.93E-08        |
| PLE                 | NO               | NO               | NO               | NO              | NO              | NO              | NO              | NO              |
| Indicator value     | <b>-4.40E-09</b> | <b>-3.00E-09</b> | <b>-3.00E-09</b> | <b>2.00E-08</b> | <b>2.00E-08</b> | <b>2.00E-08</b> | <b>2.00E-08</b> | <b>2.00E-08</b> |

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#### Licensee Comments:

- 4Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.
- 3Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.
- 2Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.
- 1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented in 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model. 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.
- 1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented in 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model.

## Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

### Notes

#### Mitigating Systems Performance Index, Residual Heat Removal System

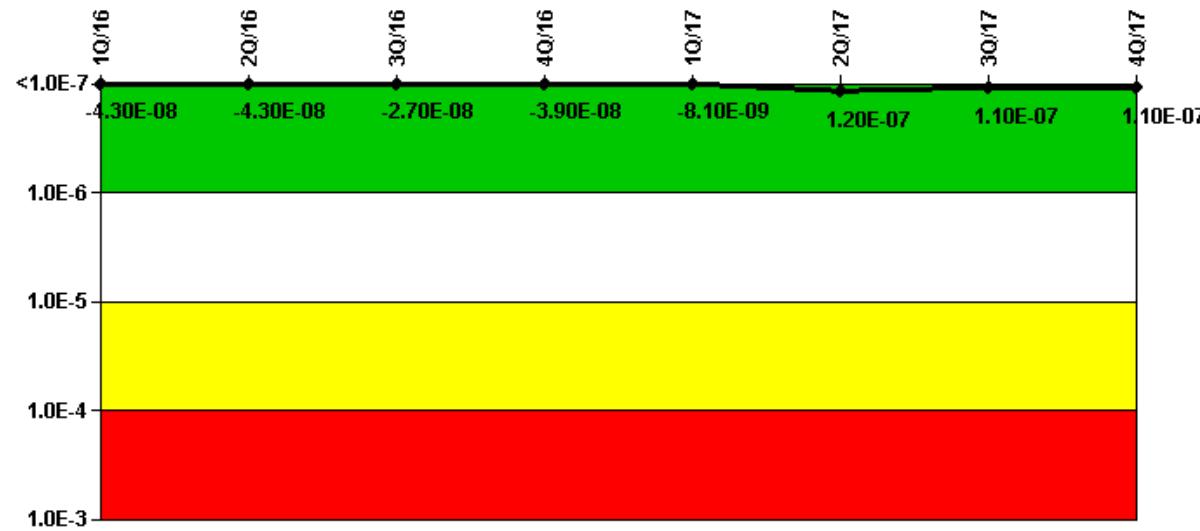
|                     | 1Q/16            | 2Q/16            | 3Q/16            | 4Q/16            | 1Q/17            | 2Q/17            | 3Q/17            | 4Q/17            |
|---------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI ( $\Delta$ CDF) | -3.37E-08        | -3.41E-08        | -3.41E-08        | -3.41E-08        | -3.01E-08        | -2.59E-08        | -2.59E-08        | -2.05E-08        |
| URI ( $\Delta$ CDF) | -4.52E-08        | -4.26E-08        |
| PLE                 | NO               |
| Indicator value     | <b>-7.90E-08</b> | <b>-7.70E-08</b> | <b>-7.70E-08</b> | <b>-7.70E-08</b> | <b>-7.30E-08</b> | <b>-6.90E-08</b> | <b>-6.90E-08</b> | <b>-6.30E-08</b> |

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### Licensee Comments:

- 4Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.
- 3Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.
- 2Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.
- 1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented in 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model. 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.
- 1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented in 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model.

### Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

#### Notes

##### Mitigating Systems Performance Index, Cooling Water Systems

|                     | 1Q/16            | 2Q/16            | 3Q/16            | 4Q/16            | 1Q/17            | 2Q/17           | 3Q/17           | 4Q/17           |
|---------------------|------------------|------------------|------------------|------------------|------------------|-----------------|-----------------|-----------------|
| UAI ( $\Delta$ CDF) | 8.07E-09         | 7.71E-09         | 2.31E-08         | 1.14E-08         | 4.24E-08         | 7.23E-08        | 6.87E-08        | 6.80E-08        |
| URI ( $\Delta$ CDF) | -5.09E-08        | -5.05E-08        | -5.05E-08        | -5.05E-08        | -5.05E-08        | 4.40E-08        | 4.40E-08        | 4.40E-08        |
| PLE                 | NO               | NO               | NO               | NO               | NO               | NO              | NO              | NO              |
| Indicator value     | <b>-4.30E-08</b> | <b>-4.30E-08</b> | <b>-2.70E-08</b> | <b>-3.90E-08</b> | <b>-8.10E-09</b> | <b>1.20E-07</b> | <b>1.10E-07</b> | <b>1.10E-07</b> |

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#### Licensee Comments:

2Q/17: 10/20/17: The unplanned unavailable hours for 0 DGCWP under MSPI Cooling Water System 2 indicator affecting Unit 1 June 2017 data is corrected from 0 hours to 11.43 hours. This correction has been documented in the corrective action program and does not result in a change to the MSPI performance indicator color for the affected quarter.

4Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

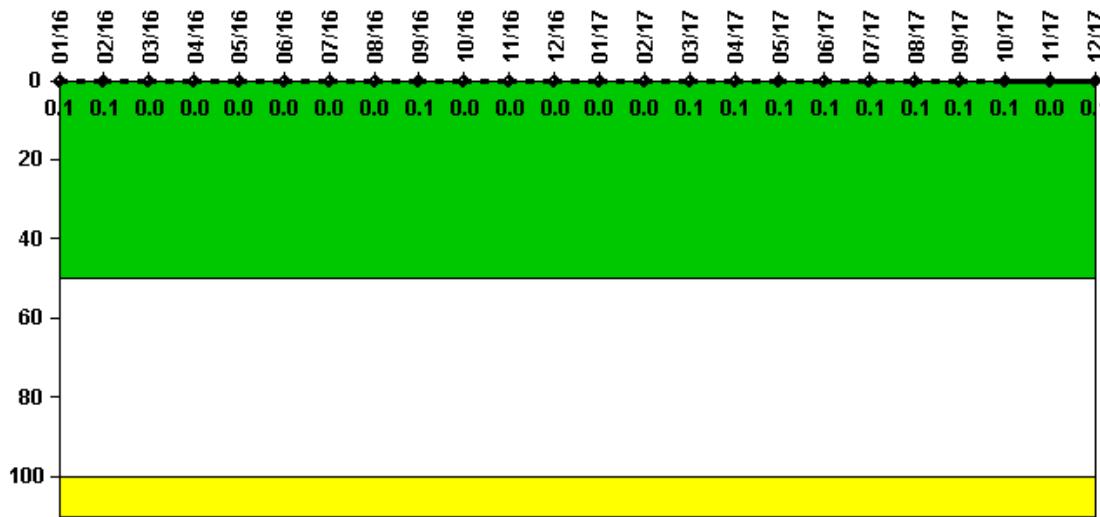
3Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

2Q/16: Changed PRA Parameter(s). 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented for 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model. 1/4/17: CDF value was corrected from 2.04E-06 to 2.01E-06 and is effective 1st Quarter 2016. This correction has been documented and does not result in a change to the MSPI performance indicator color for the affected quarters.

1Q/16: Changed PRA Parameter(s). A new PRA model (LS214A) was approved in November 2015 and implemented for 1st Quarter 2016. PRA coefficients were updated in CDE to reflect the new model.

### Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

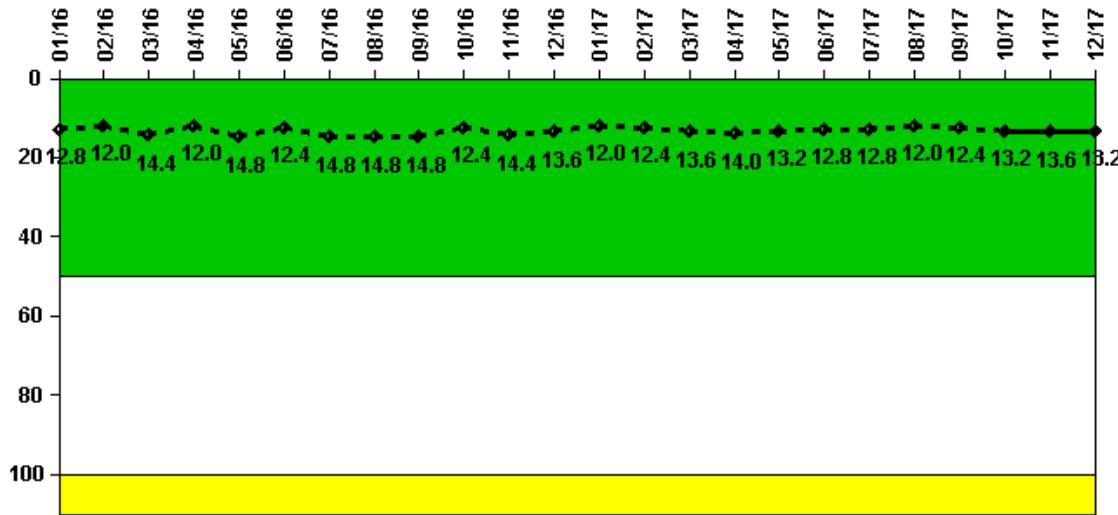
#### Notes

| Reactor Coolant System Activity | 1/16      | 2/16     | 3/16     | 4/16     | 5/16     | 6/16     | 7/16     | 8/16     | 9/16     | 10/16    | 11/16    | 12/16    |
|---------------------------------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity                | 0.0000115 | 0.000110 | 0.000048 | 0.000053 | 0.000049 | 0.000054 | 0.000092 | 0.000070 | 0.000107 | 0.000079 | 0.000075 | 0.000078 |
| Technical specification limit   | 0.2       | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0.1       | 0.1      | 0        | 0        | 0        | 0        | 0        | 0        | 0.1      | 0        | 0        | 0        |
| Reactor Coolant System Activity | 1/17      | 2/17     | 3/17     | 4/17     | 5/17     | 6/17     | 7/17     | 8/17     | 9/17     | 10/17    | 11/17    | 12/17    |
| Maximum activity                | 0.000081  | 0.000097 | 0.000109 | 0.000127 | 0.000115 | 0.000138 | 0.000116 | 0.000140 | 0.000117 | 0.000114 | 0.000094 | 0.000105 |
| Technical specification limit   | 0.2       | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0         | 0        | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0        | 0.1      |

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Licensee Comments: none

### Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

#### Notes

##### Reactor Coolant System Leakage 1/16 2/16 3/16 4/16 5/16 6/16 7/16 8/16 9/16 10/16 11/16 12/16

Maximum leakage 3.200 3.000 3.600 3.000 3.700 3.100 3.700 3.700 3.700 3.100 3.600 3.400

Technical specification limit 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0

Indicator value 12.8 12.0 14.4 12.0 14.8 12.4 14.8 14.8 14.8 12.4 14.4 13.6

##### Reactor Coolant System Leakage 1/17 2/17 3/17 4/17 5/17 6/17 7/17 8/17 9/17 10/17 11/17 12/17

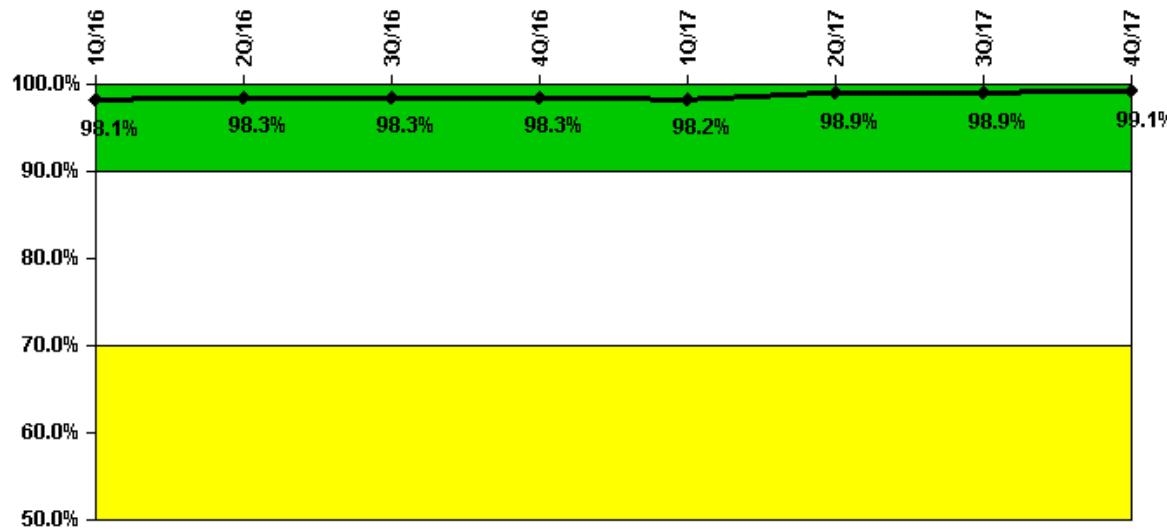
Maximum leakage 3.000 3.100 3.400 3.500 3.300 3.200 3.200 3.000 3.100 3.300 3.400 3.300

Technical specification limit 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0

Indicator value 12.0 12.4 13.6 14.0 13.2 12.8 12.8 12.0 12.4 13.2 13.6 13.2

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Licensee Comments: none

**Drill/Exercise Performance**

Thresholds: White < 90.0% Yellow < 70.0%

**Notes**

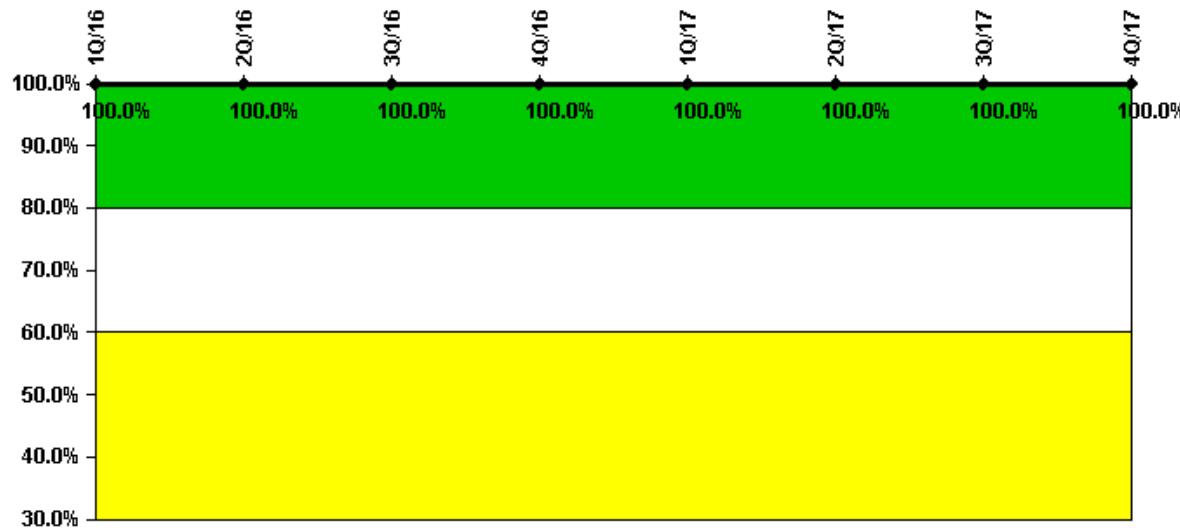
| Drill/Exercise Performance | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 | 2Q/17 | 3Q/17 | 4Q/17 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities   | 13.0  | 141.0 | 98.0  | 36.0  | 24.0  | 100.0 | 78.0  | 65.0  |
| Total opportunities        | 13.0  | 142.0 | 101.0 | 36.0  | 24.0  | 101.0 | 78.0  | 65.0  |

Indicator value      **98.1% 98.3% 98.3% 98.3% 98.2% 98.9% 98.9% 99.1%**

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**Licensee Comments:**

1Q/16: During an internal assessment, it was discovered that credit taken in June 2015 did not include opportunities that should have been counted. This was corrected by increasing the number of successful drill, exercise & event opportunities from 32 to 35, and increasing the number of total drill, exercise & event opportunities from 32 to 36. This issue has been entered into the corrective action program and does not result in a change to the performance indicator color.

**ERO Drill Participation**

Thresholds: White < 80.0% Yellow < 60.0%

**Notes**

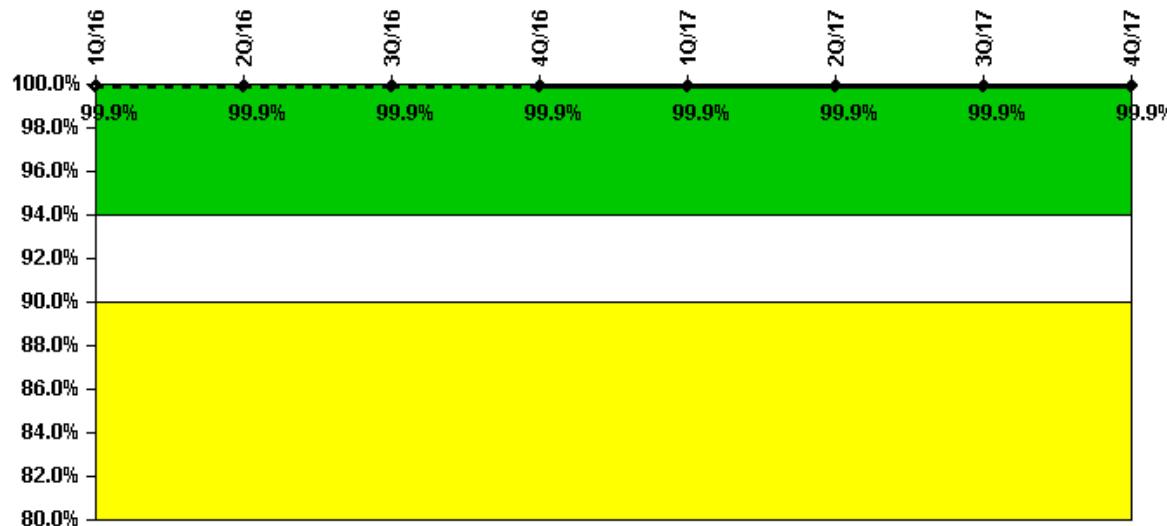
| ERO Drill Participation     | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 | 2Q/17 | 3Q/17 | 4Q/17 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Participating Key personnel | 67.0  | 63.0  | 62.0  | 62.0  | 63.0  | 65.0  | 64.0  | 71.0  |
| Total Key personnel         | 67.0  | 63.0  | 62.0  | 62.0  | 63.0  | 65.0  | 64.0  | 71.0  |

Indicator value      100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0%

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**Licensee Comments:**

1Q/16: During an internal assessment, it was discovered that credit taken in February and March 2016 did not include participations that should have been counted. This was corrected by increasing the number of participating key personnel and total key personnel by two for February and March 2016. This issue has been entered into the corrective action program and does not result in a change to the performance indicator color.

**Alert & Notification System**

Thresholds: White < 94.0% Yellow < 90.0%

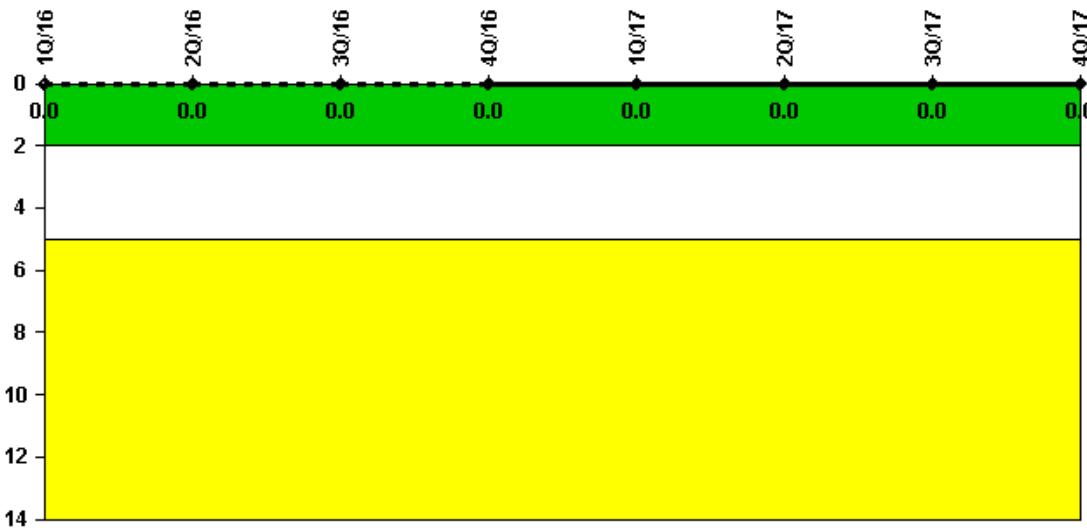
**Notes**

| Alert & Notification System | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 | 2Q/17 | 3Q/17 | 4Q/17 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests      | 2175  | 2174  | 2170  | 2106  | 2210  | 2173  | 2140  | 2141  |
| Total sirens-tests          | 2176  | 2176  | 2176  | 2108  | 2210  | 2176  | 2142  | 2142  |

Indicator value      99.9% 99.9% 99.9% 99.9% 99.9% 99.9% 99.9% 99.9%

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Licensee Comments: none

**Occupational Exposure Control Effectiveness**

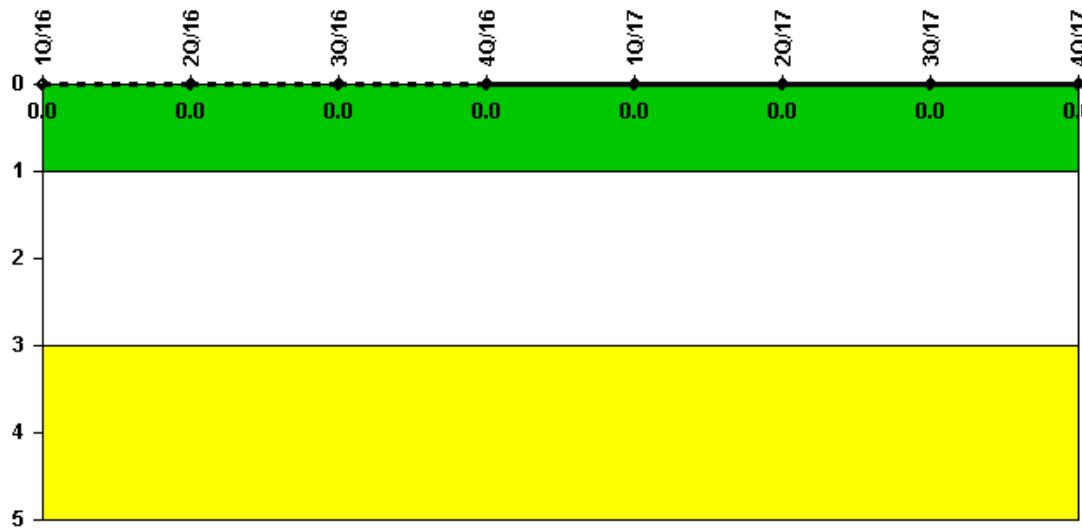
Thresholds: White > 2.0 Yellow > 5.0

**Notes****Occupational Exposure Control Effectiveness** 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17 3Q/17 4Q/17

|                                      |          |          |          |          |          |          |          |          |
|--------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Very high radiation area occurrences | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| Unintended exposure occurrences      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Indicator value</b>               | <b>0</b> |

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Licensee Comments: none

**RETS/ODCM Radiological Effluent**

Thresholds: White > 1.0 Yellow > 3.0

**Notes**

**RETS/ODCM Radiological Effluent** 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17 3Q/17 4Q/17  
RETS/ODCM occurrences      0      0      0      0      0      0      0      0

**Indicator value**      0      0      0      0      0      0      0      0

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Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

*Current data as of: February 1, 2018*

*Page Last Reviewed/Updated Monday, November 06, 2017*