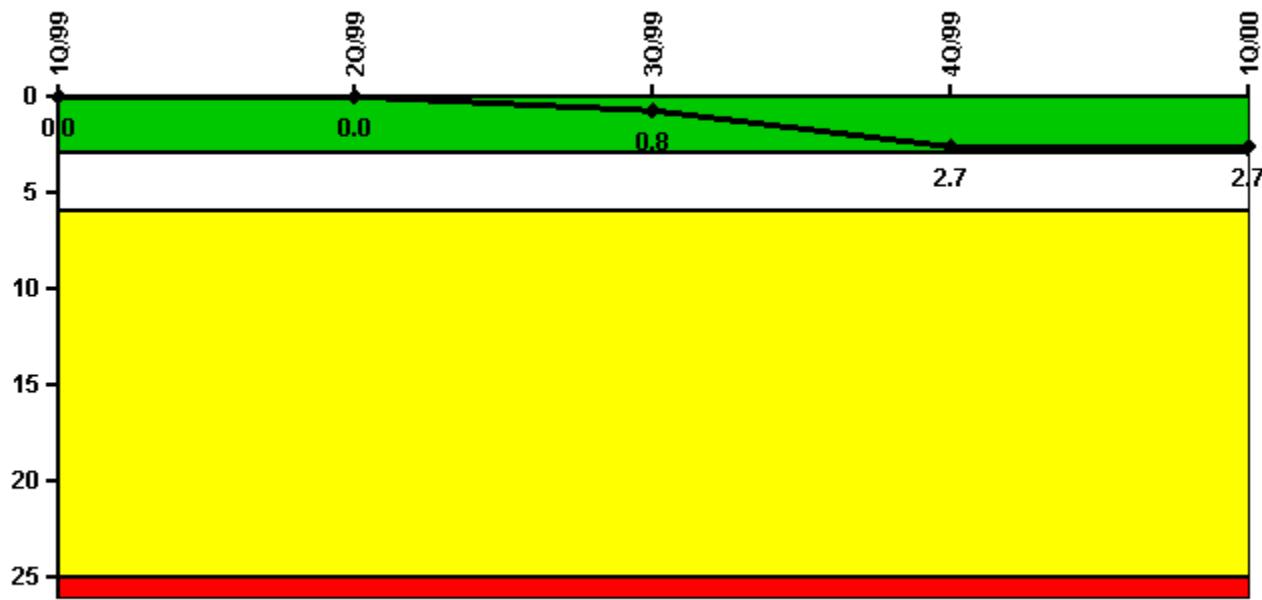


Saint Lucie 1**1Q/2000 Performance Indicators**

Licensee's General Comments: none

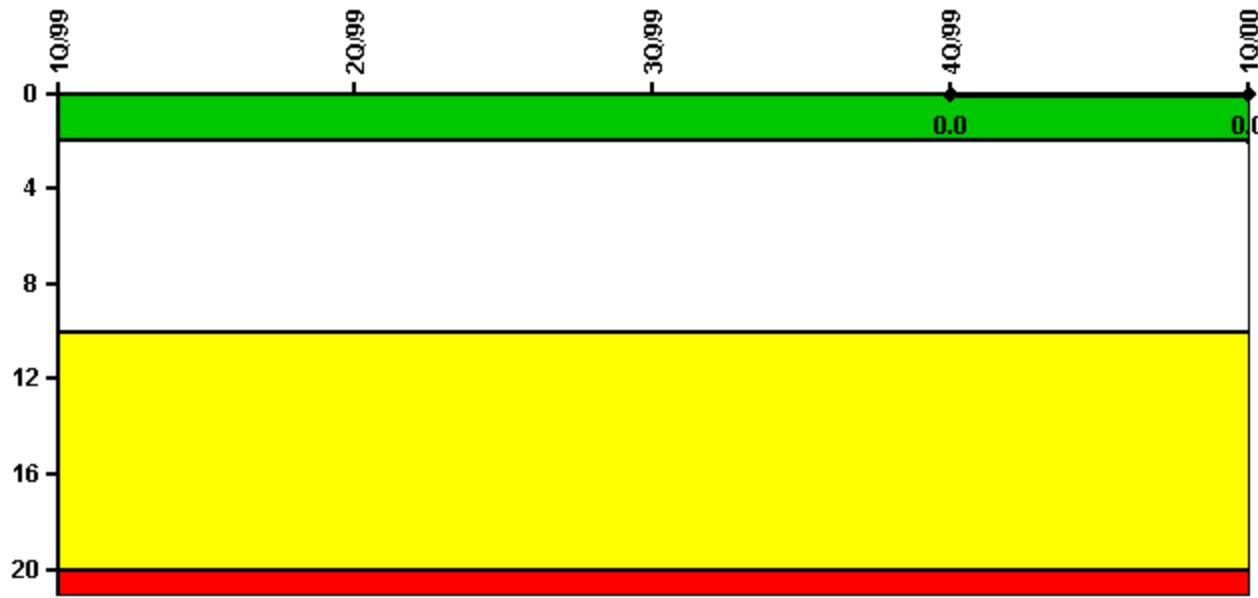
Unplanned Scrams per 7000 Critical Hrs

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Unplanned scrams	0	0	1.0	2.0	0
Critical hours	2160.0	2183.0	1705.6	1800.0	2184.0
Indicator value	0	0	0.8	2.7	2.7

Licensee Comments: none

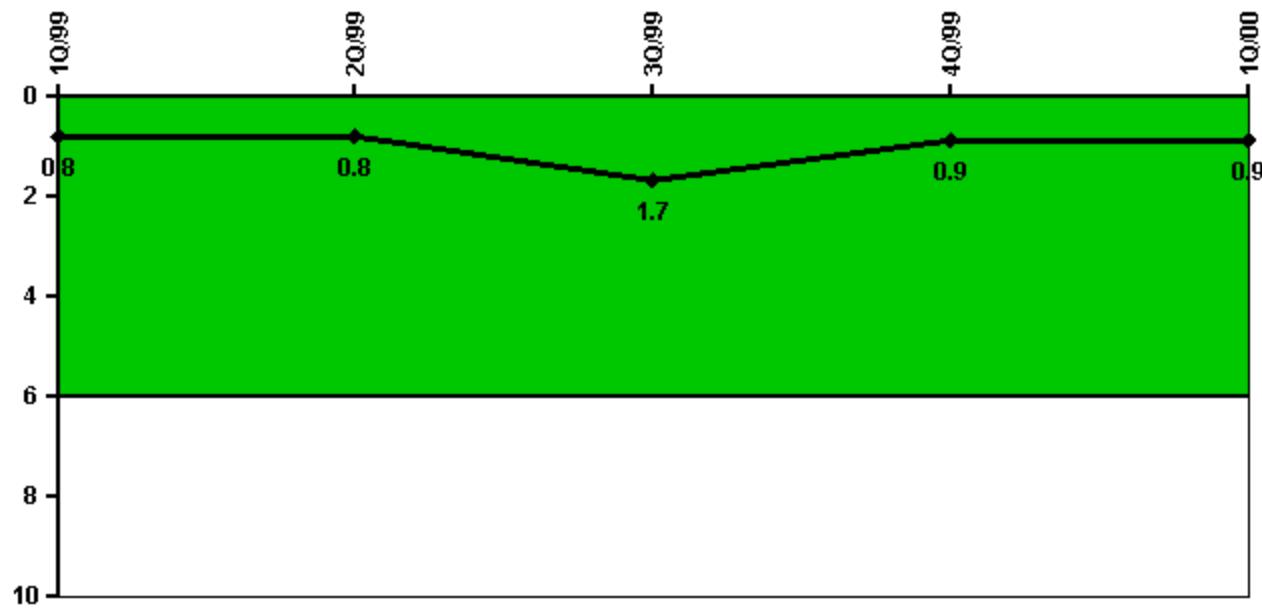
Scrams with Loss of Normal Heat Removal

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

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	0	0	1.0	0	0
Critical hours	2160.0	2183.0	1705.6	1800.0	2184.0
Indicator value	0.8	0.8	1.7	0.9	0.9

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	0	0	15.30	0	3.00
Unplanned unavailable hours	23.90	0	0	18.30	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	2183.00	2023.40	2066.80	2184.00
Train 2					
Planned unavailable hours	0	29.00	0	0	5.20
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	2023.40	2066.80	2184.00
Indicator value				0.3%	0.3%

Licensee Comments:

1Q/00: 1Q2000 and 2Q2000 data changed to address minor discrepancy where unavailable hours had not been recorded for surveillance testing with EDG parallel to the grid.

Safety System Unavailability, High Pressure Injection System (HPSI)



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

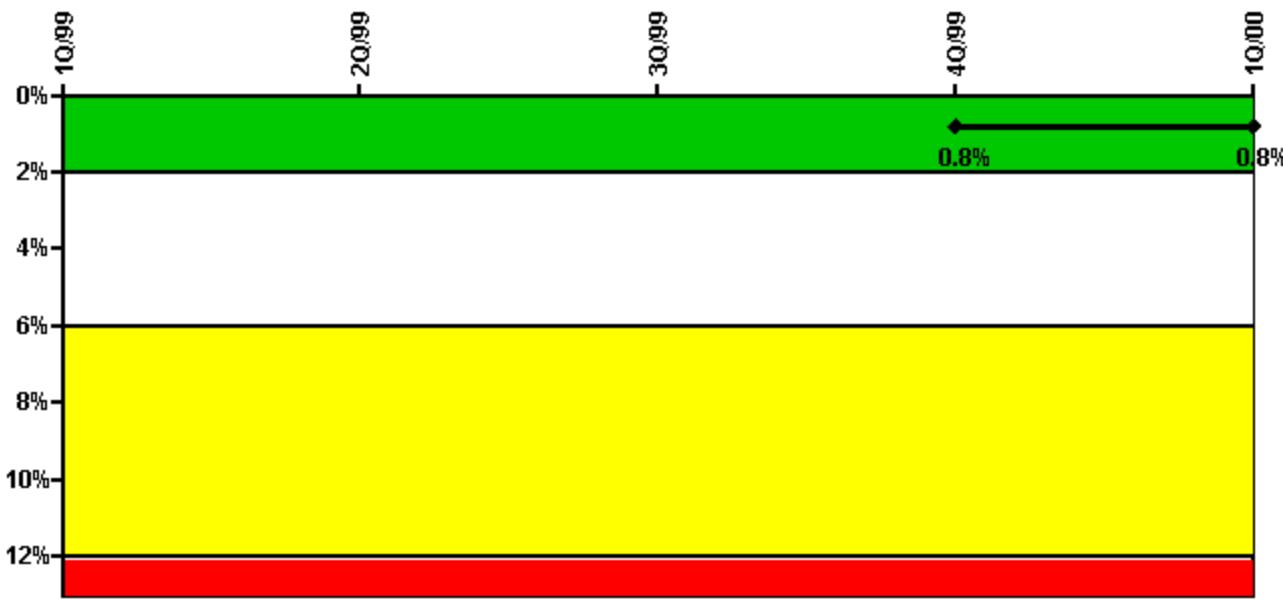
Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	13.20	46.80	0.70	0.90	1.90
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	1680.00	1773.00	2184.00
Train 2					
Planned unavailable hours	1.00	50.10	0	0.80	3.20
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	1680.00	1773.00	2184.00
Indicator value				0.4%	0.4%

Licensee Comments:

1Q/00: Support systems and data applicable to this indicator may change in future reports as a result of discussions with NRC concerning the unique configuration of Combustion Engineering plants.

Safety System Unavailability, Heat Removal System (AFW)



Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)		1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1						
Planned unavailable hours		9.00	0	3.00	0	35.10
Unplanned unavailable hours		31.50	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	1704.00	1800.00	2184.00
Train 2						
Planned unavailable hours		1.00	35.80	3.00	0	4.80
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	1704.00	1800.00	2184.00
Train 3						
Planned unavailable hours		0	21.90	4.00	7.00	17.30
Unplanned unavailable hours		0	3.30	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	1704.00	1800.00	2184.00
Indicator value				0.8%	0.8%	

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/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1						
Planned unavailable hours		4.40	125.50	16.40	2.00	2.00
Unplanned unavailable hours		0	4.20	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	1778.20	1885.10	2184.00
Train 2						
Planned unavailable hours		2.30	108.50	3.90	1.90	3.20
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	1778.20	1885.10	2184.00
Train 3						
Planned unavailable hours		0	0	0	0	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		0	0	418.80	304.60	0
Train 4						
Planned unavailable hours		0	0	0	0	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		0	0	418.80	304.60	0
Indicator value					0.5%	0.5%

Licensee Comments:

1Q/00: Support systems and data applicable to this indicator may change in future reports as a result of discussions with NRC concerning the unique configuration of Combustion Engineering plants.

1Q/00: Support systems and data applicable to this indicator may change in future reports as a result of discussions with NRC concerning the unique configuration of Combustion Engineering plants.

4Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

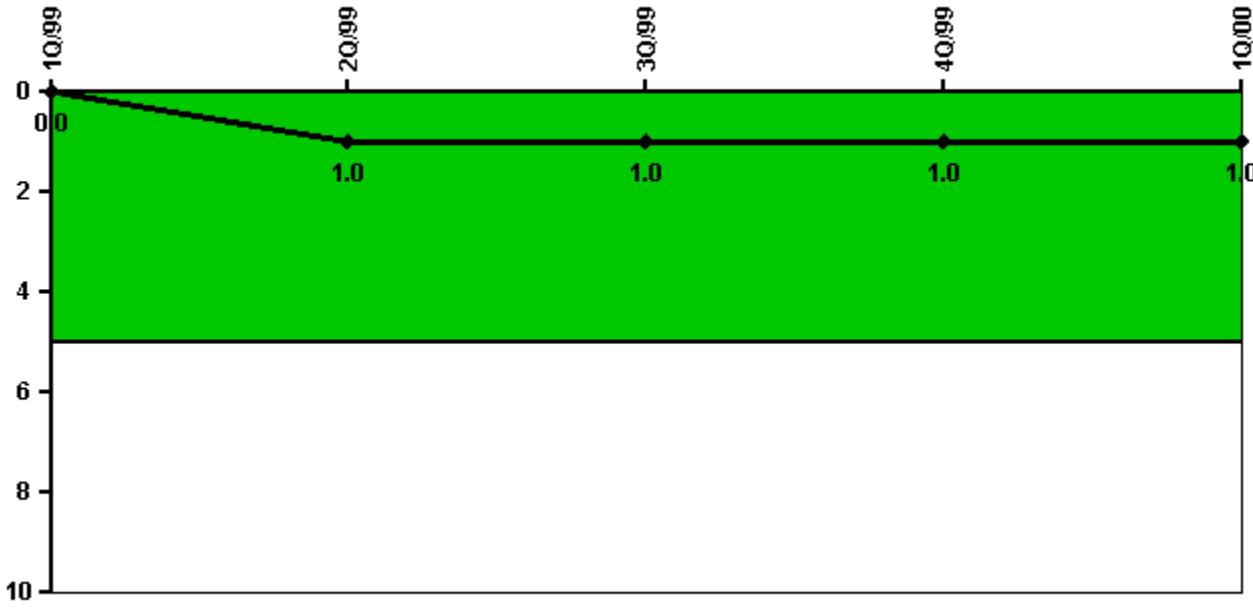
4Q/99: Support systems and data applicable to this indicator may change in future reports as a result of discussions with NRC concerning unique configuration of CE plants.

3Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

2Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

1Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

Safety System Functional Failures (PWR)



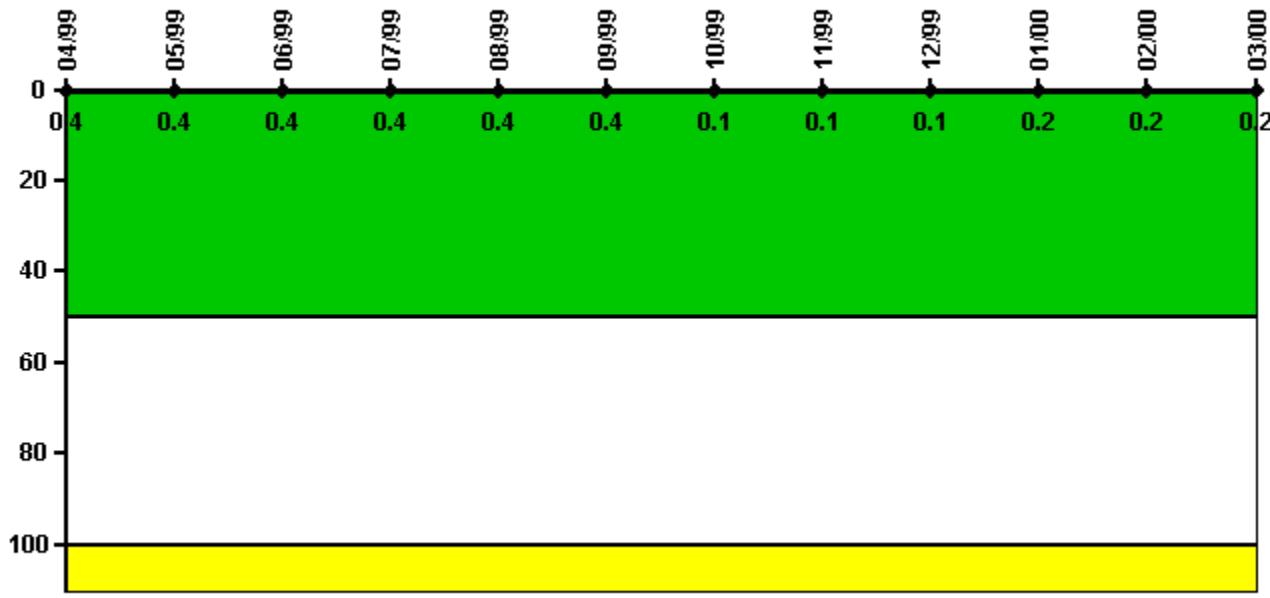
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity

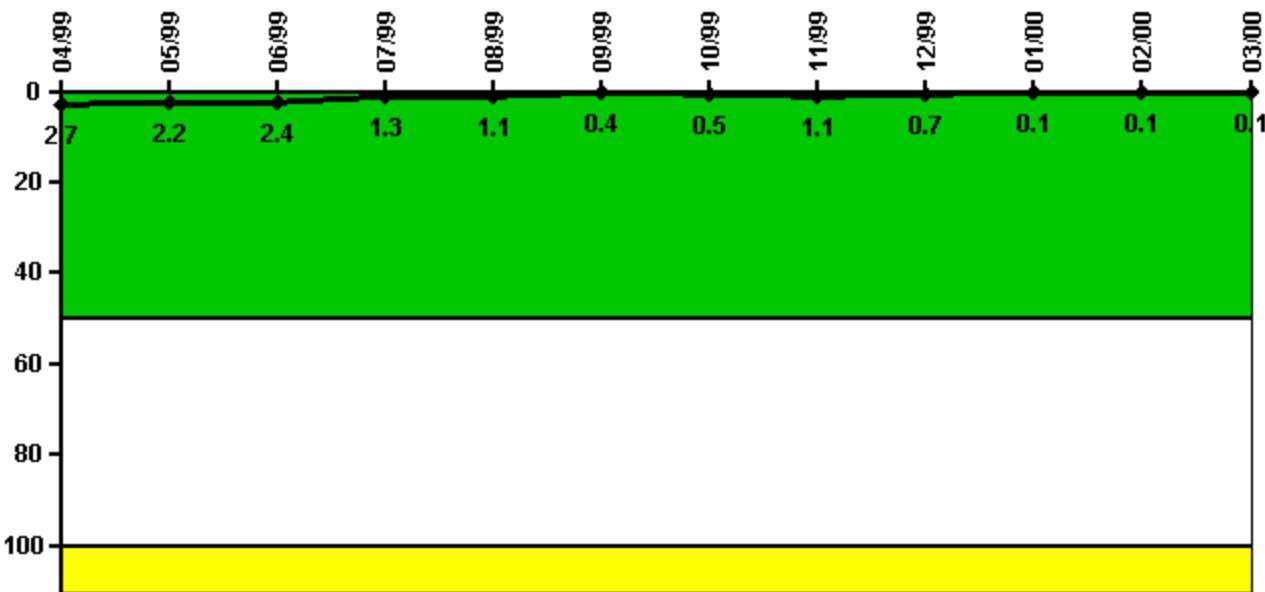


Thresholds: White > 50.0 Yellow > 100.0

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	0.003500	0.003600	0.003700	0.004100	0.004400	0.004100	0.001400	0.001000	0.001000	0.001880	0.002270	0.001670
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.4	0.4	0.4	0.4	0.4	0.4	0.1	0.1	0.1	0.2	0.2	0.2

Licensee Comments: none

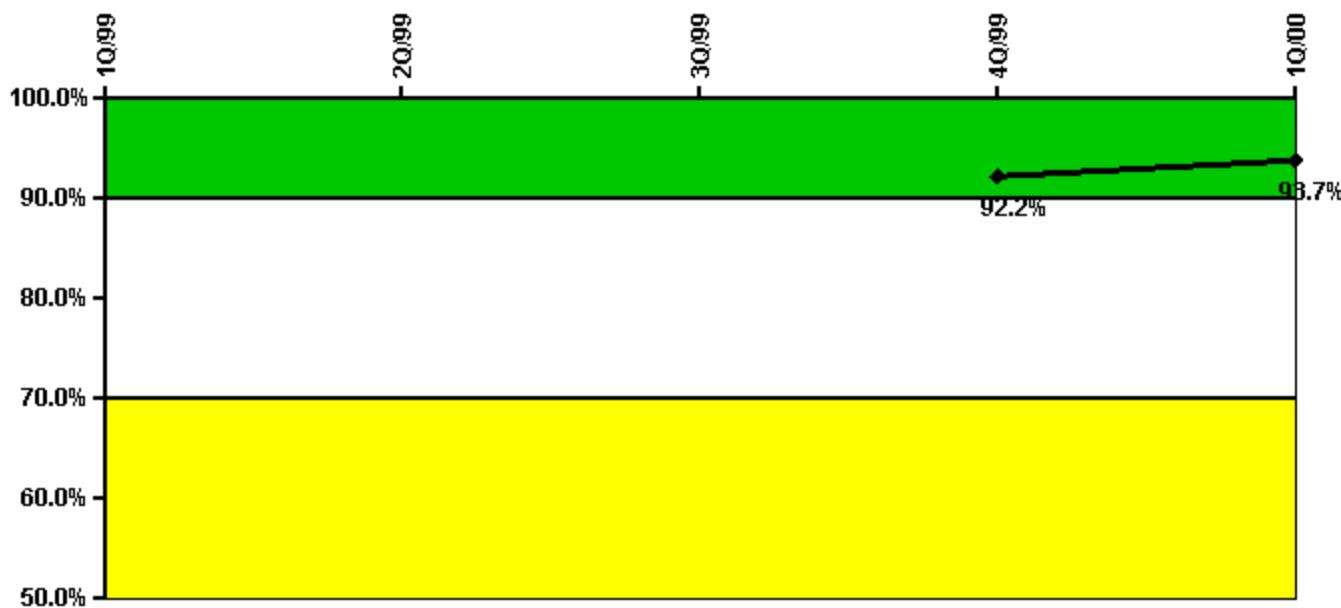
Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 10.0

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	0.270	0.220	0.240	0.130	0.110	0.040	0.050	0.110	0.070	0.010	0.010	0.010
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.7	2.2	2.4	1.3	1.1	0.4	0.5	1.1	0.7	0.1	0.1	0.1

Licensee Comments: none

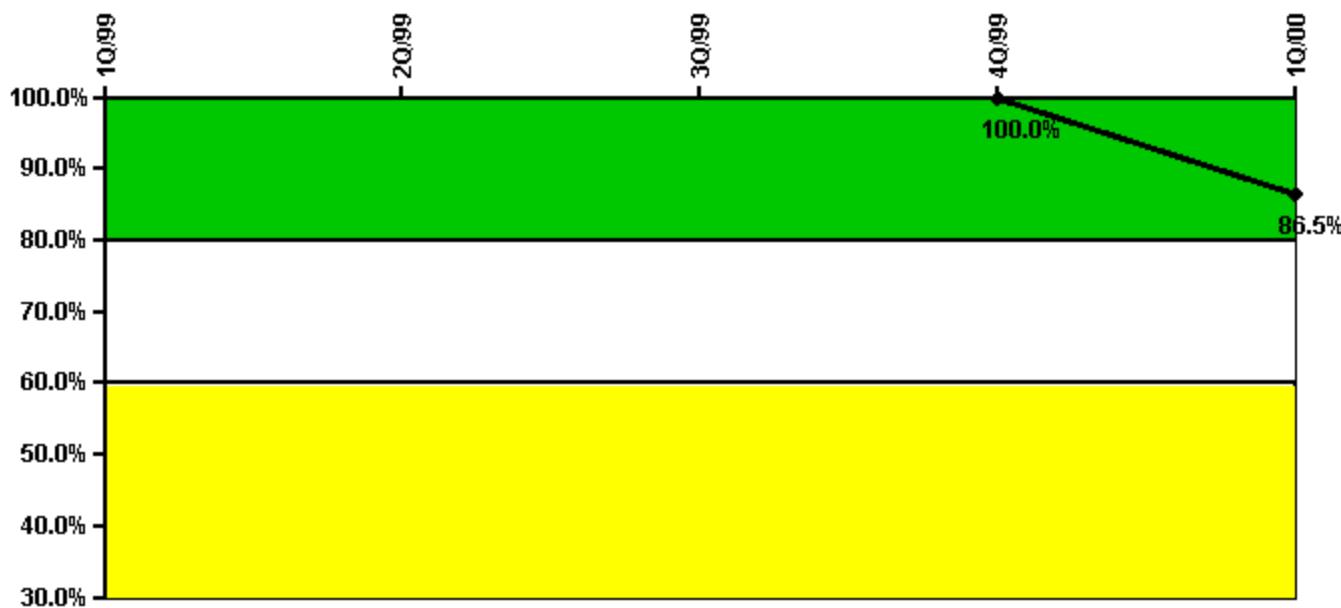
Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Successful opportunities	44.0	27.0	17.0	98.0	26.0
Total opportunities	50.0	29.0	18.0	100.0	27.0
Indicator value				92.2%	93.7%

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				85.0	77.0
Total Key personnel				85.0	89.0
Indicator value				100.0%	86.5%

Licensee Comments: none

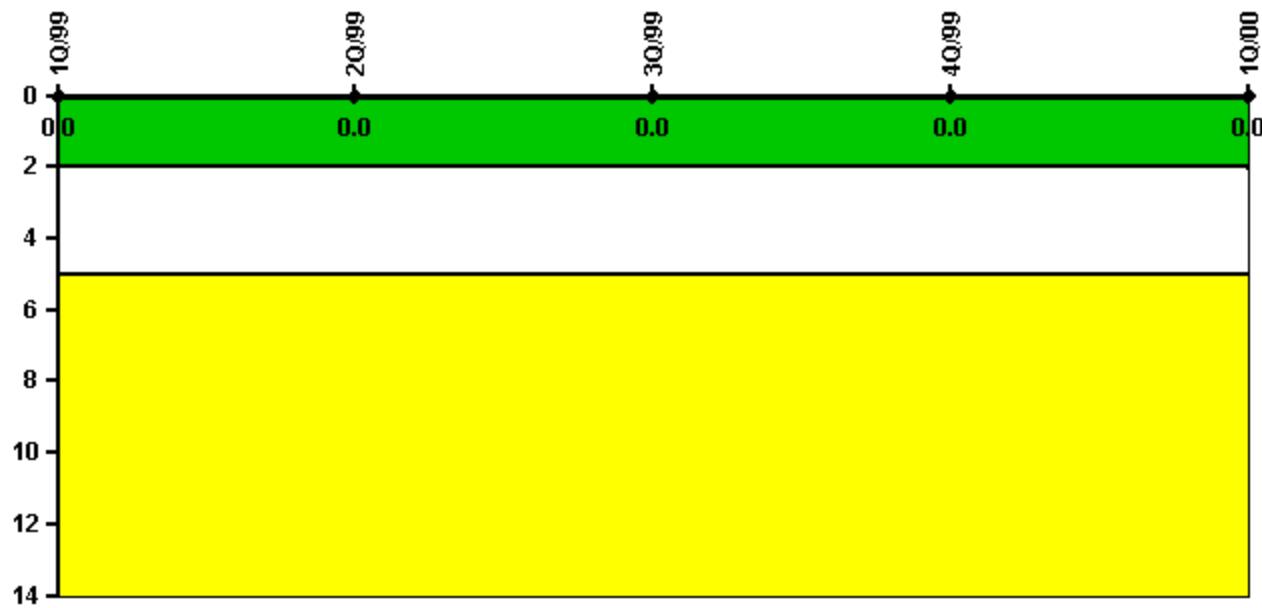
Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Successful siren-tests	522	609	347	696	606
Total sirens-tests	522	609	348	696	609
Indicator value	100.0%	100.0%	100.0%	100.0%	99.8%

Licensee Comments: none

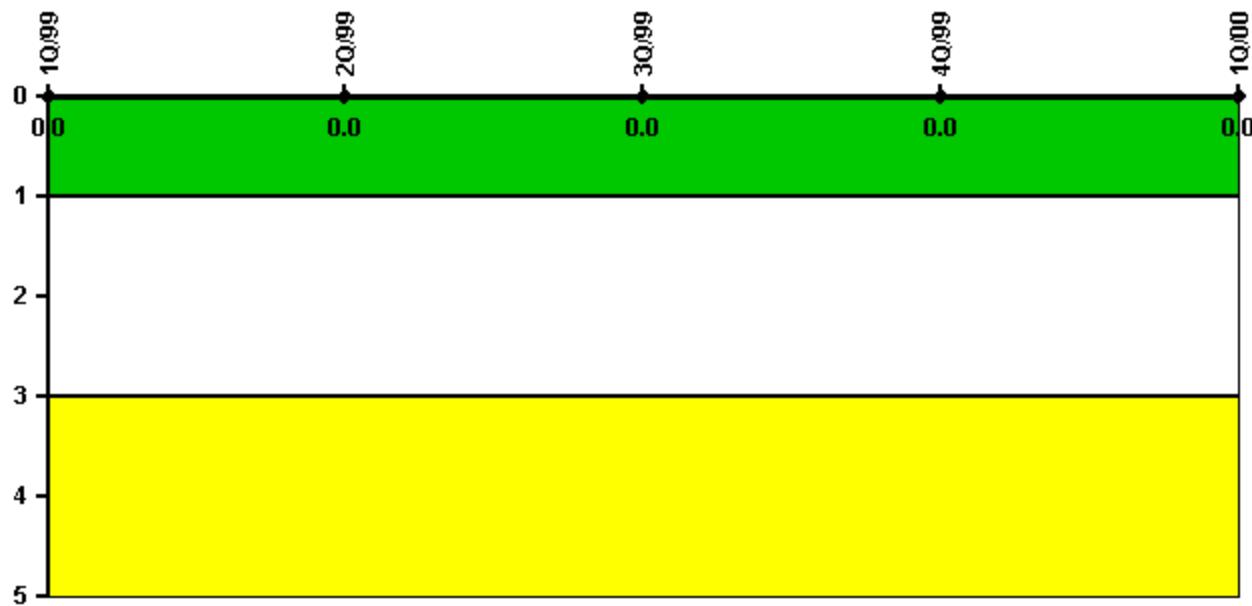
Occupational Exposure Control Effectiveness

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	0	0
Very high radiation area occurrences	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent

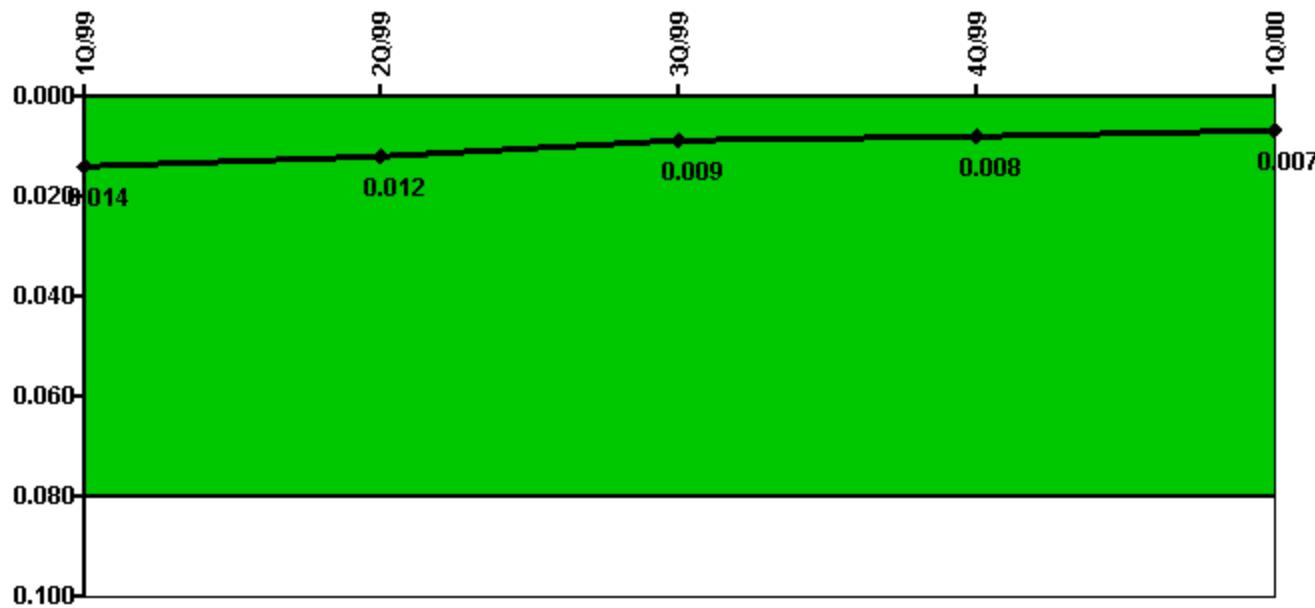
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/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

Protected Area Security Performance Index



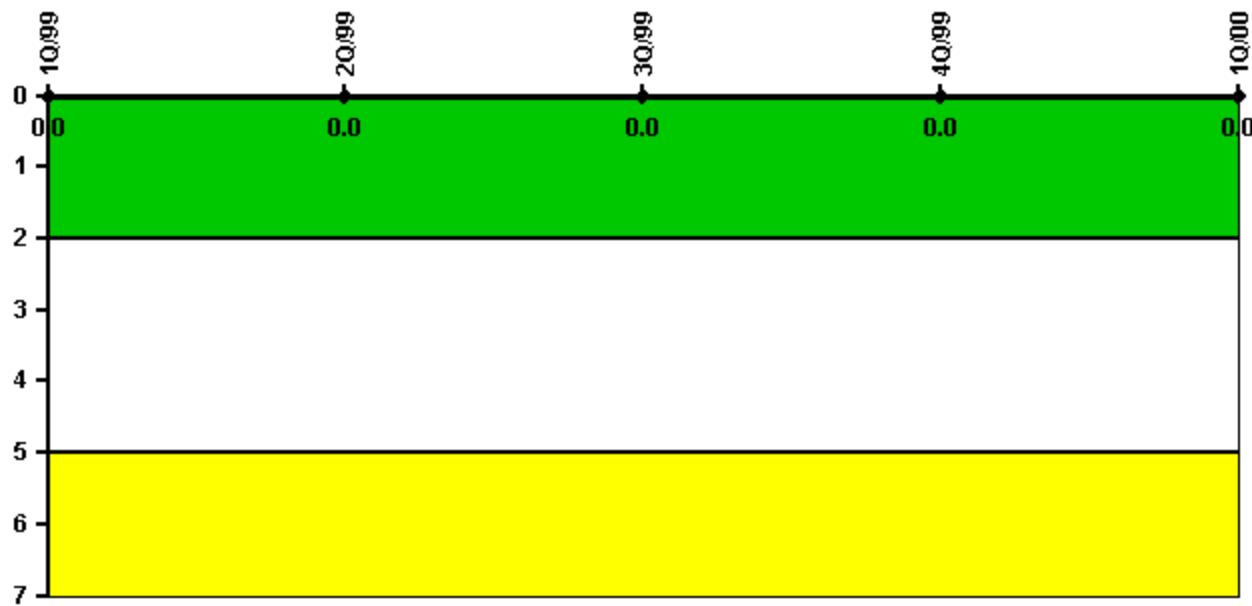
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
IDS compensatory hours	31.00	13.60	74.00	112.10	0
CCTV compensatory hours	0	18.6	0	0	0
IDS normalization factor	1.80	1.80	1.80	1.80	1.80
CCTV normalization factor	1.5	1.5	1.5	1.5	1.5
Index Value	0.014	0.012	0.009	0.008	0.007

Licensee Comments: none

Personnel Screening Program

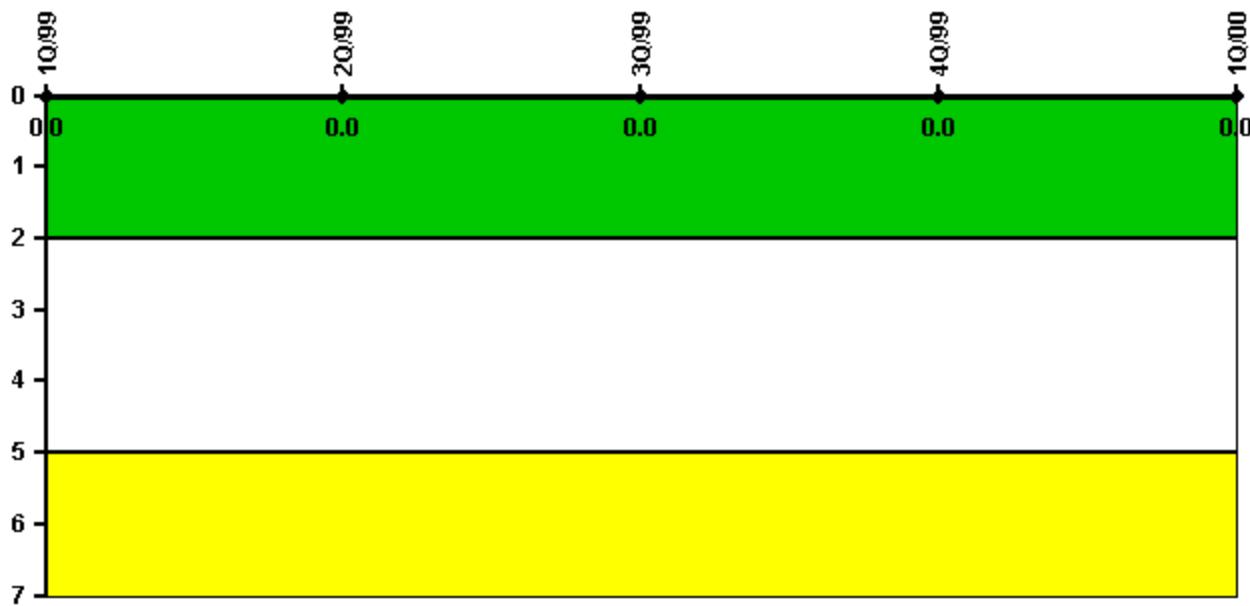


Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

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

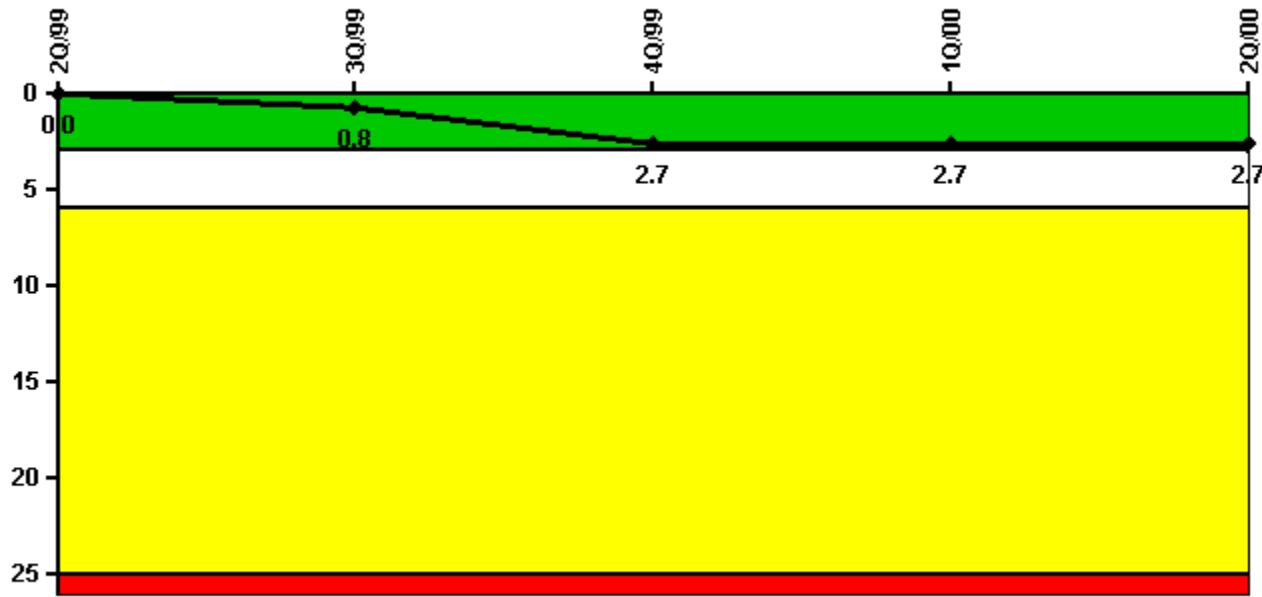


[PI Summary](#) | [Inspection Findings Summary](#) | [Reactor Oversight Process](#)

Last Modified: April 1, 2002

Saint Lucie 1**2Q/2000 Performance Indicators**

Licensee's General Comments: none

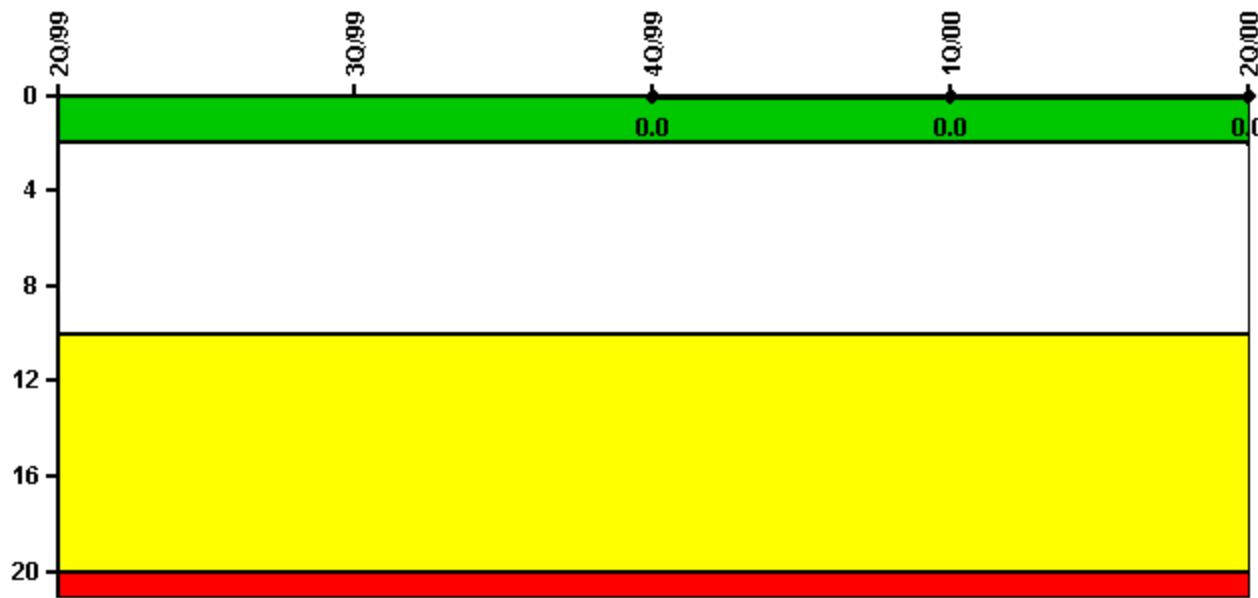
Unplanned Scrams per 7000 Critical Hrs

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Unplanned scrams	0	1.0	2.0	0	0
Critical hours	2183.0	1705.6	1800.0	2184.0	2183.0
Indicator value	0	0.8	2.7	2.7	2.7

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

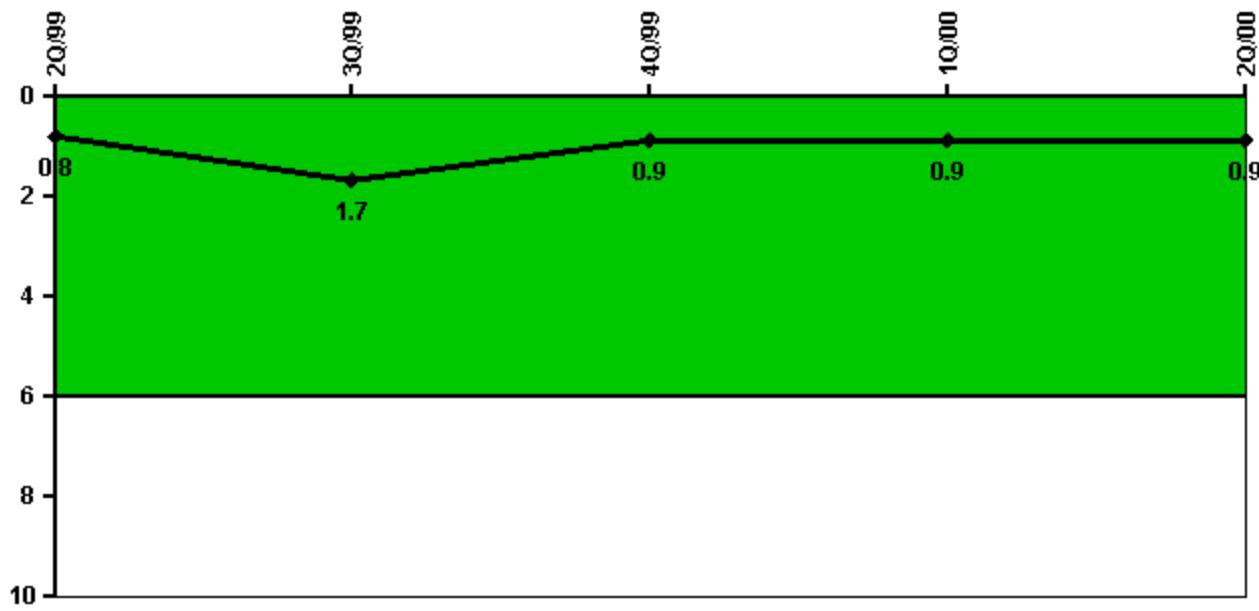
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

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:

2Q/00: In accordance with changes made to NEI 99-02, Revision 0, historical data from 1st quarter, 1998 was corrected. An event that was previously scored as a scram with loss of normal heat removal was corrected (no score). The event in question was the same as discussed in NRC approved FAQ #4.

Unplanned Power Changes per 7000 Critical Hrs

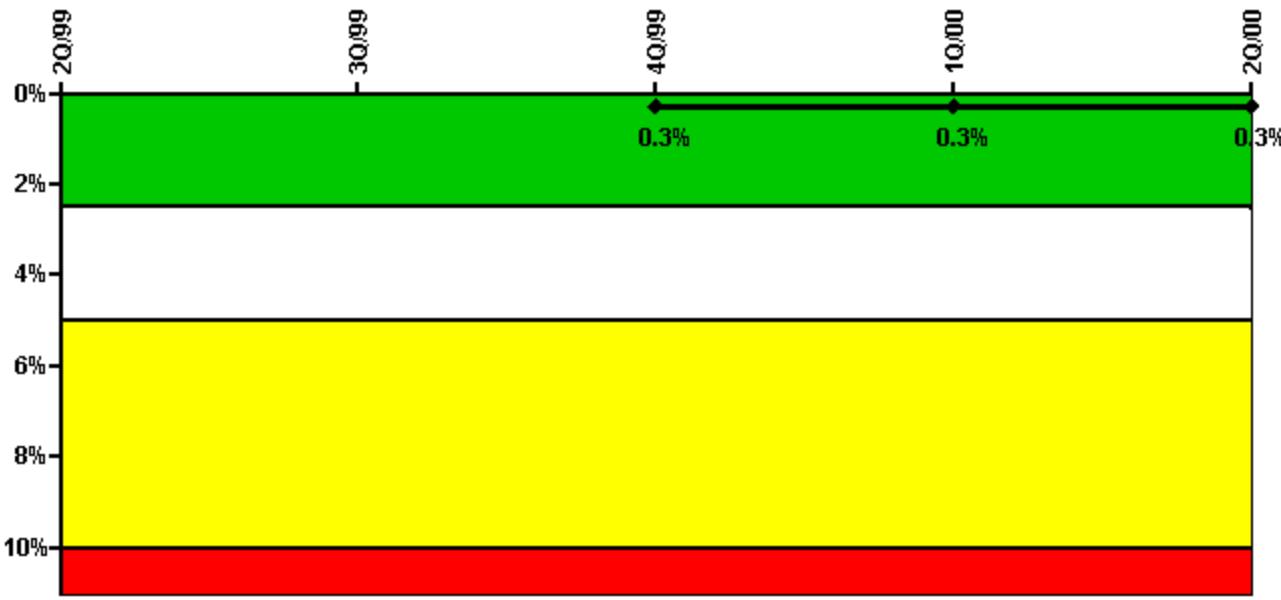
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Unplanned power changes	0	1.0	0	0	0
Critical hours	2183.0	1705.6	1800.0	2184.0	2183.0
Indicator value	0.8	1.7	0.9	0.9	0.9

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

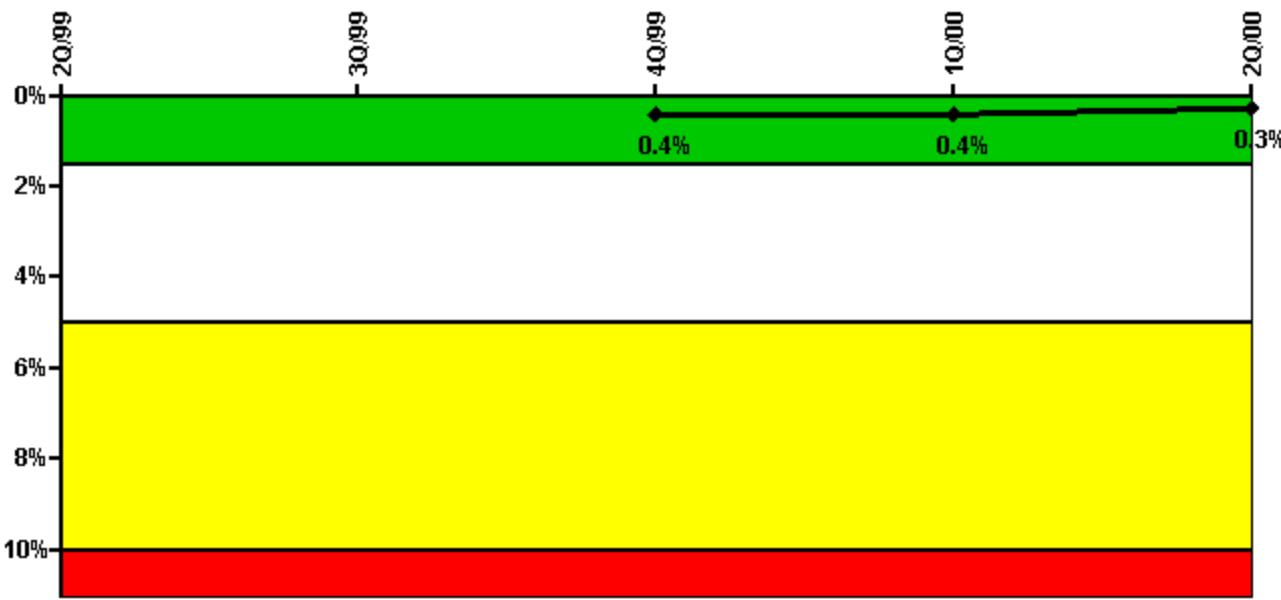
Safety System Unavailability, Emergency AC Power	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	0	15.30	0	3.00	4.20
Unplanned unavailable hours	0	0	18.30	0	9.70
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2023.40	2066.80	2184.00	2183.00
Train 2					
Planned unavailable hours	29.00	0	0	5.20	4.00
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	2023.40	2066.80	2184.00	2183.00
Indicator value			0.3%	0.3%	0.3%

Licensee Comments:

2Q/00: 1Q2000 and 2Q2000 data changed to address minor discrepancy where unavailable hours had not been recorded for surveillance testing with EDG parallel to the grid.

1Q/00: 1Q2000 and 2Q2000 data changed to address minor discrepancy where unavailable hours had not been recorded for surveillance testing with EDG parallel to the grid.

Safety System Unavailability, High Pressure Injection System (HPSI)



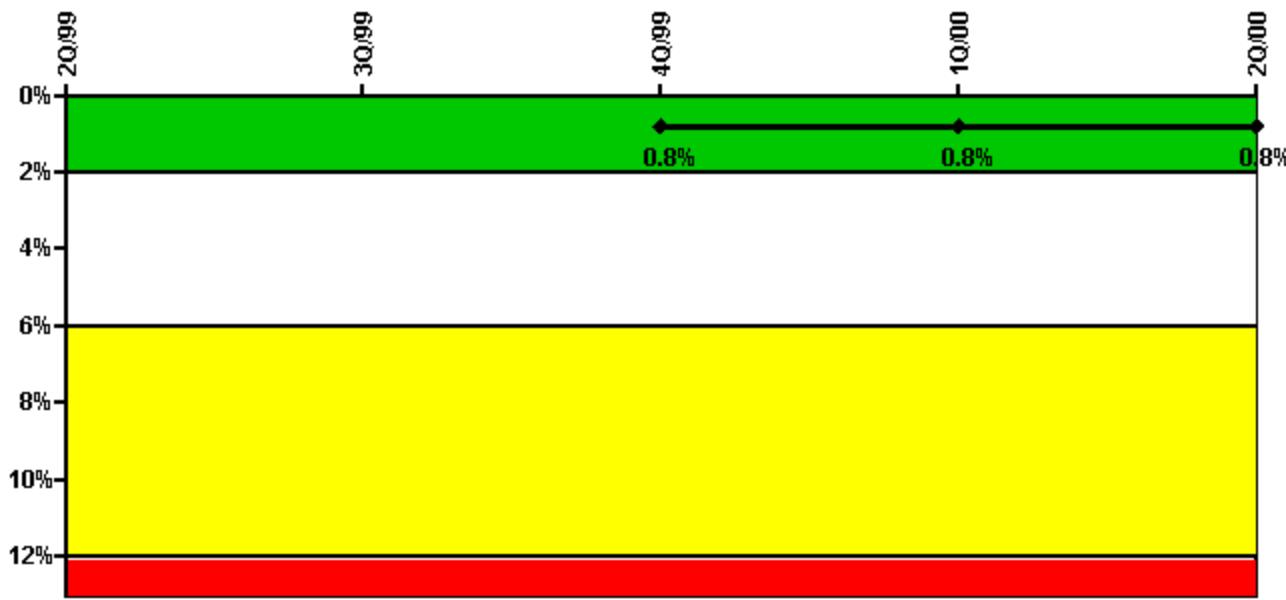
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	46.80	0.70	0.90	1.90	3.20
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	1680.00	1773.00	2184.00	2183.00
Train 2					
Planned unavailable hours	50.10	0	0.80	3.20	0.70
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	2183.00	1680.00	1773.00	2184.00	2183.00
Indicator value			0.4%	0.4%	0.3%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



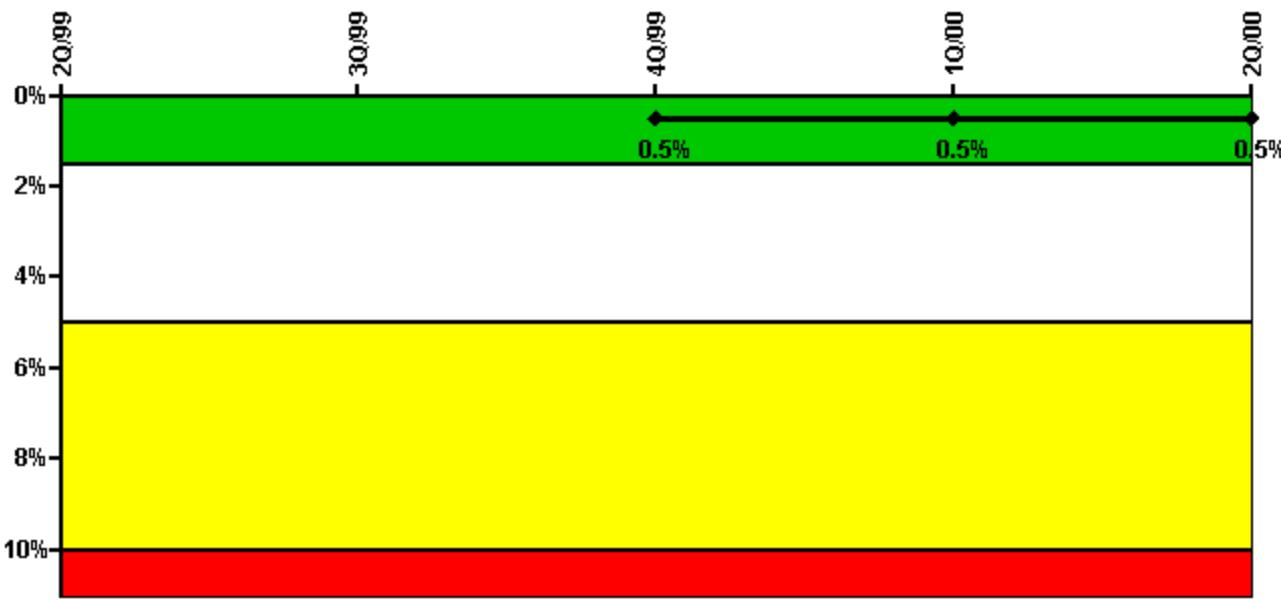
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)		2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1						
Planned unavailable hours		0	3.00	0	35.10	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		2183.00	1704.00	1800.00	2184.00	2183.00
Train 2						
Planned unavailable hours		35.80	3.00	0	4.80	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		2183.00	1704.00	1800.00	2184.00	2183.00
Train 3						
Planned unavailable hours		21.90	4.00	7.00	17.30	0
Unplanned unavailable hours		3.30	0	0	0	0
Fault exposure hours		0	0	0	0	0
Effective Reset hours		0	0	0	0	0
Required hours		2183.00	1704.00	1800.00	2184.00	2183.00
Indicator value				0.8%	0.8%	0.8%

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/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1						
Planned unavailable hours		125.50	16.40	2.00	2.00	45.10
Unplanned unavailable hours		4.20	0	0	0	0
Fault exposure hours		0	0	0	0	0
Effective Reset hours		0	0	0	0	0
Required hours		2183.00	1778.20	1885.10	2184.00	2183.00
Train 2						
Planned unavailable hours		108.50	3.90	1.90	3.20	37.60
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	1778.20	1885.10	2184.00	2183.00
Train 3						
Planned unavailable hours		0	0	0	0	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		0	418.80	304.60	0	0
Train 4						
Planned unavailable hours		0	0	0	0	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		0	418.80	304.60	0	0
Indicator value				0.5%	0.5%	0.5%

Licensee Comments:

2Q/00: In accordance with a May 5, 2000 NRC approved FAQ concerning Combustion Engineering plants unique design for RHR systems, St. Lucie has changed the reporting format to include 4 trains. Historical data was modified per Option 1 of the approved FAQ.

1Q/00: Support systems and data applicable to this indicator may change in future reports as a result of discussions with NRC concerning the unique configuration of Combustion Engineering plants.

4Q/99: Support systems and data applicable to this indicator may change in future reports as a result of discussions with NRC concerning unique configuration of CE plants.

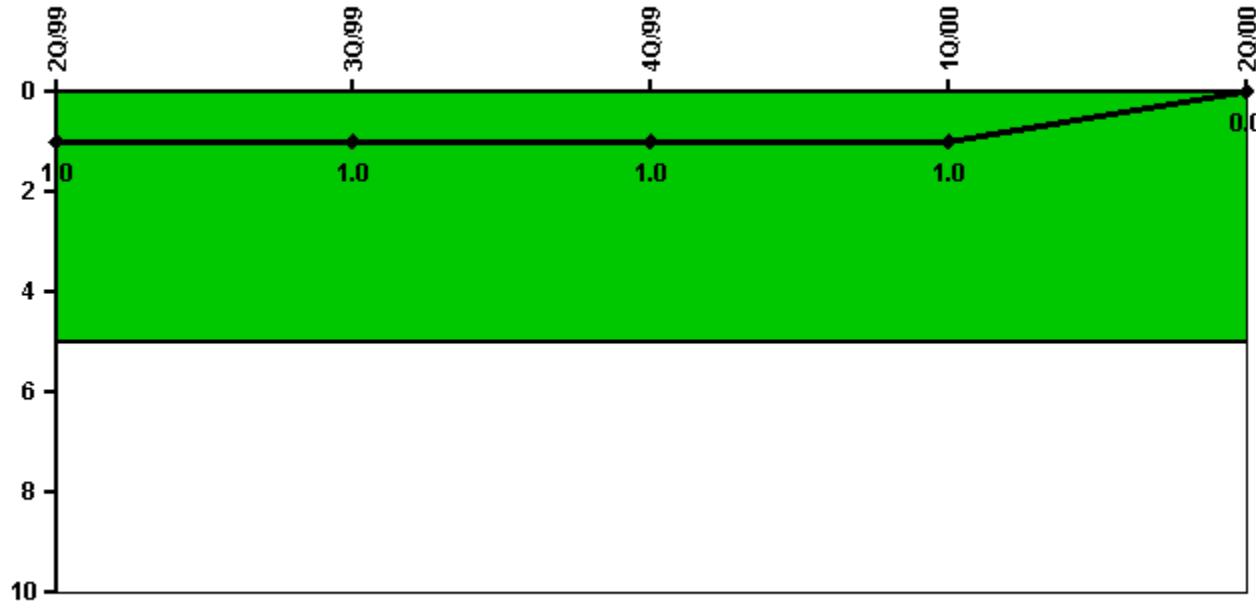
4Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

3Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

2Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

1Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

Safety System Functional Failures (PWR)



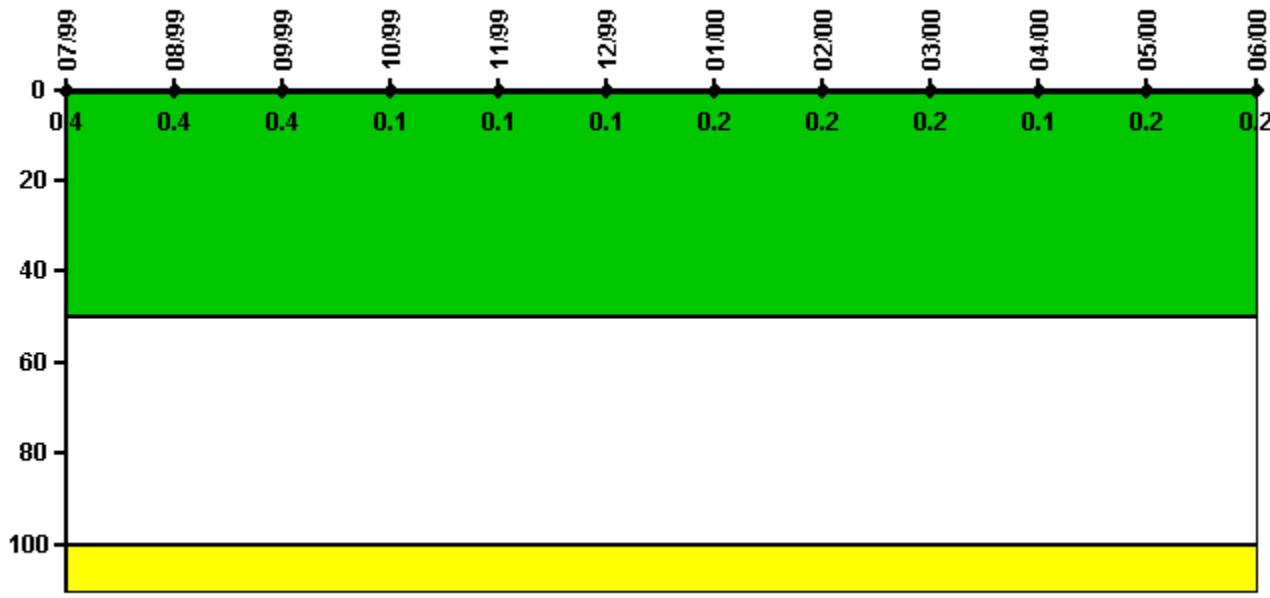
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity

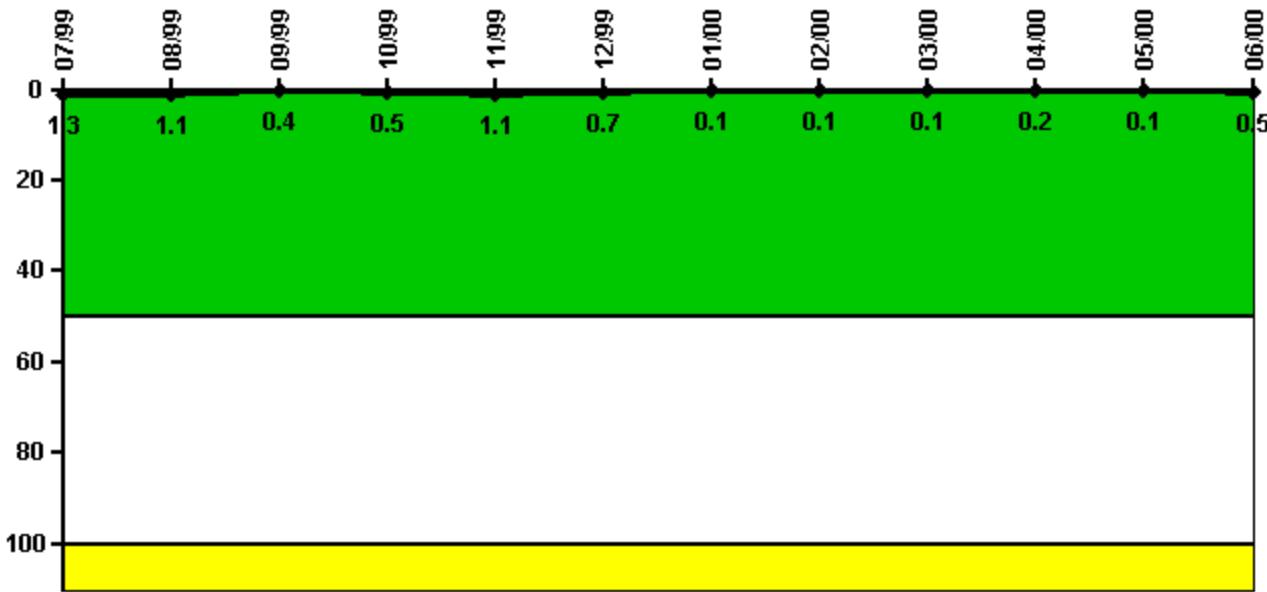


Thresholds: White > 50.0 Yellow > 100.0

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	0.004100	0.004400	0.004100	0.001400	0.001000	0.001000	0.001880	0.002270	0.001670	0.001400	0.001500	0.001530
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.4	0.4	0.4	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.2	0.2

Licensee Comments: none

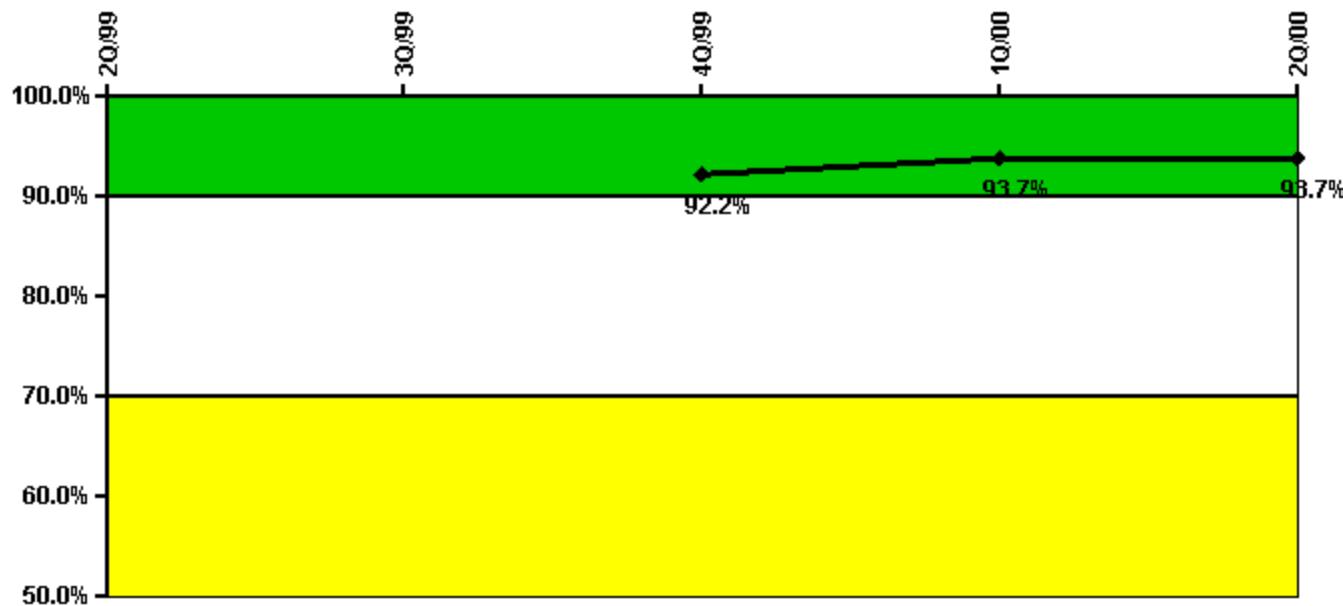
Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	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	0.130	0.110	0.040	0.050	0.110	0.070	0.010	0.010	0.010	0.020	0.010	0.050
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.3	1.1	0.4	0.5	1.1	0.7	0.1	0.1	0.1	0.2	0.1	0.5

Licensee Comments: none

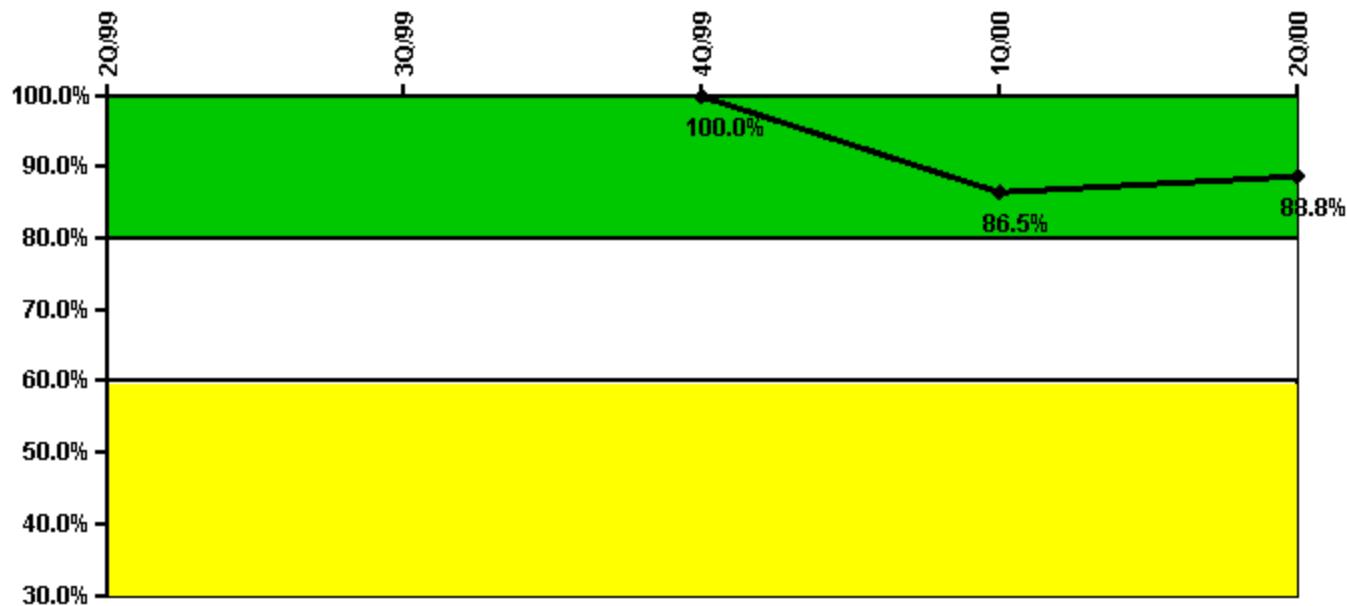
Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Successful opportunities	27.0	17.0	98.0	26.0	8.0
Total opportunities	29.0	18.0	100.0	27.0	9.0
Indicator value					

Licensee Comments: none

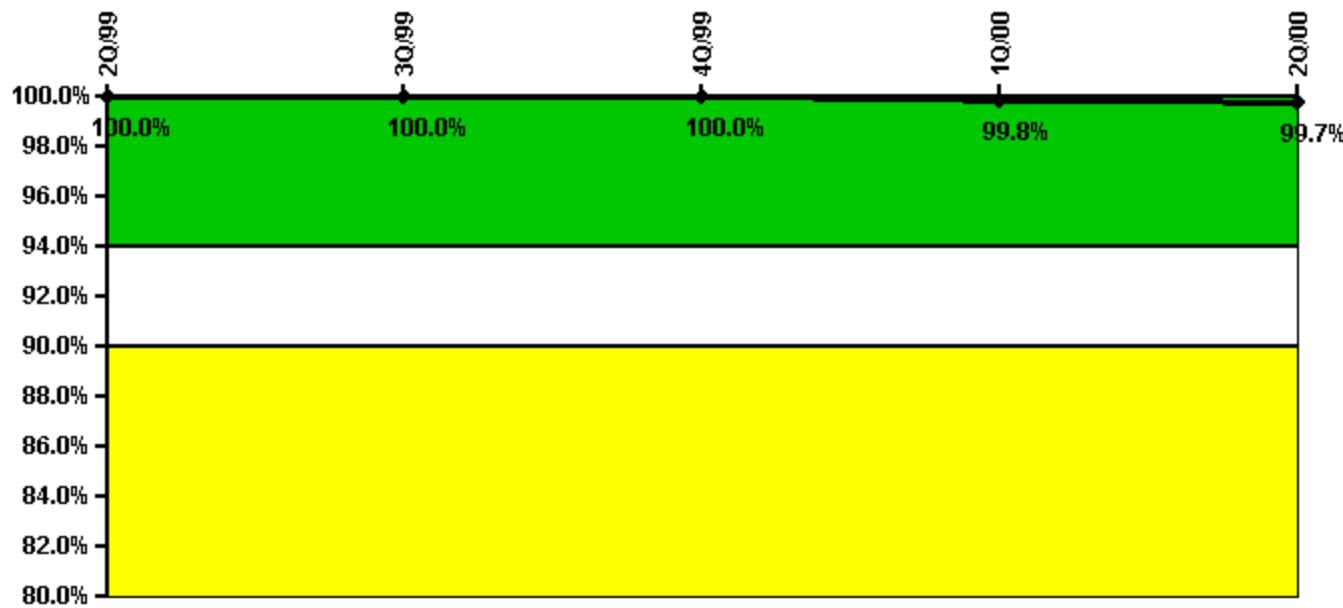
ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Participating Key personnel			85.0	77.0	71.0
Total Key personnel			85.0	89.0	80.0
Indicator value			100.0%	86.5%	88.8%

Licensee Comments: none

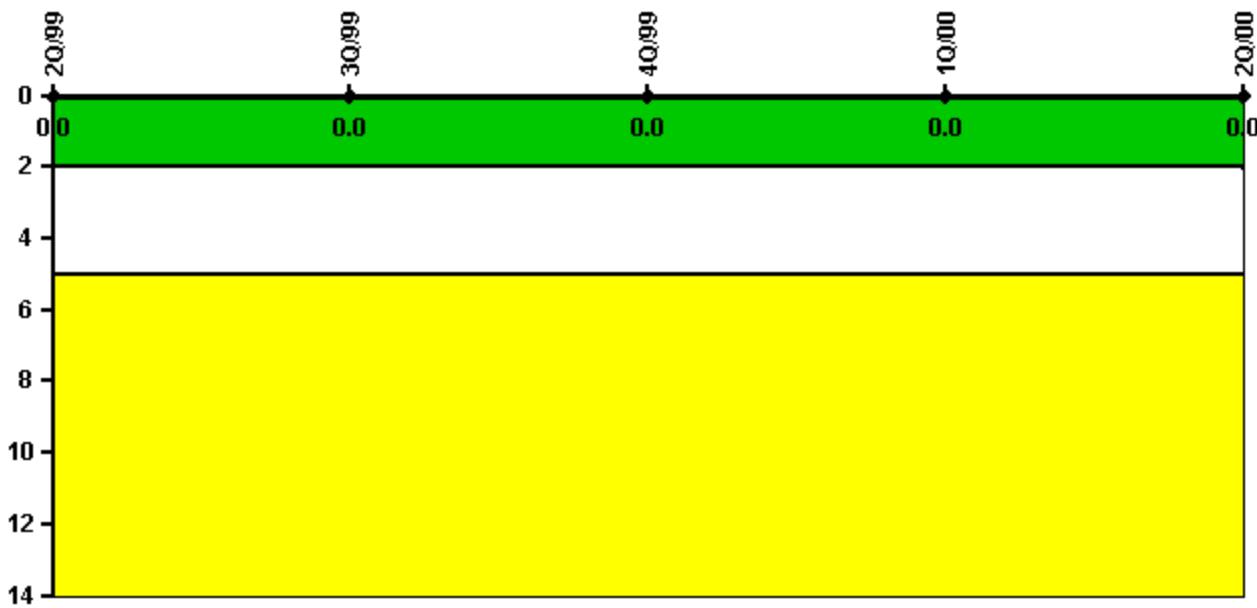
Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Successful siren-tests	609	347	696	606	519
Total sirens-tests	609	348	696	609	522
Indicator value	100.0%	100.0%	100.0%	99.8%	99.7%

Licensee Comments: none

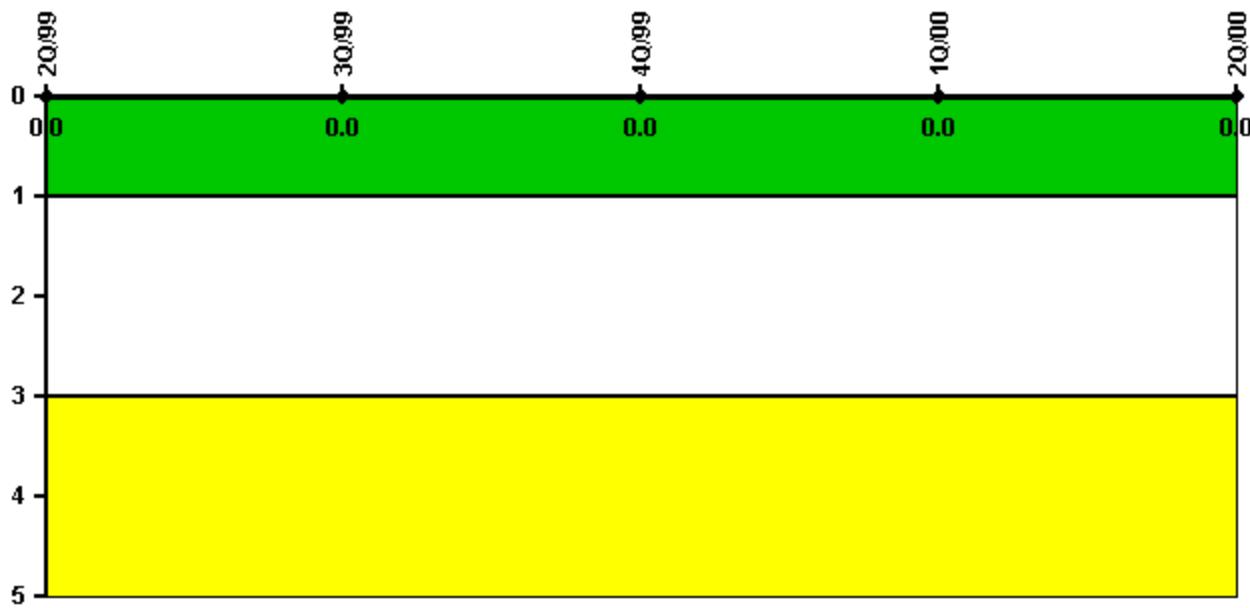
Occupational Exposure Control Effectiveness

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	0	0	0
Very high radiation area occurrences	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent

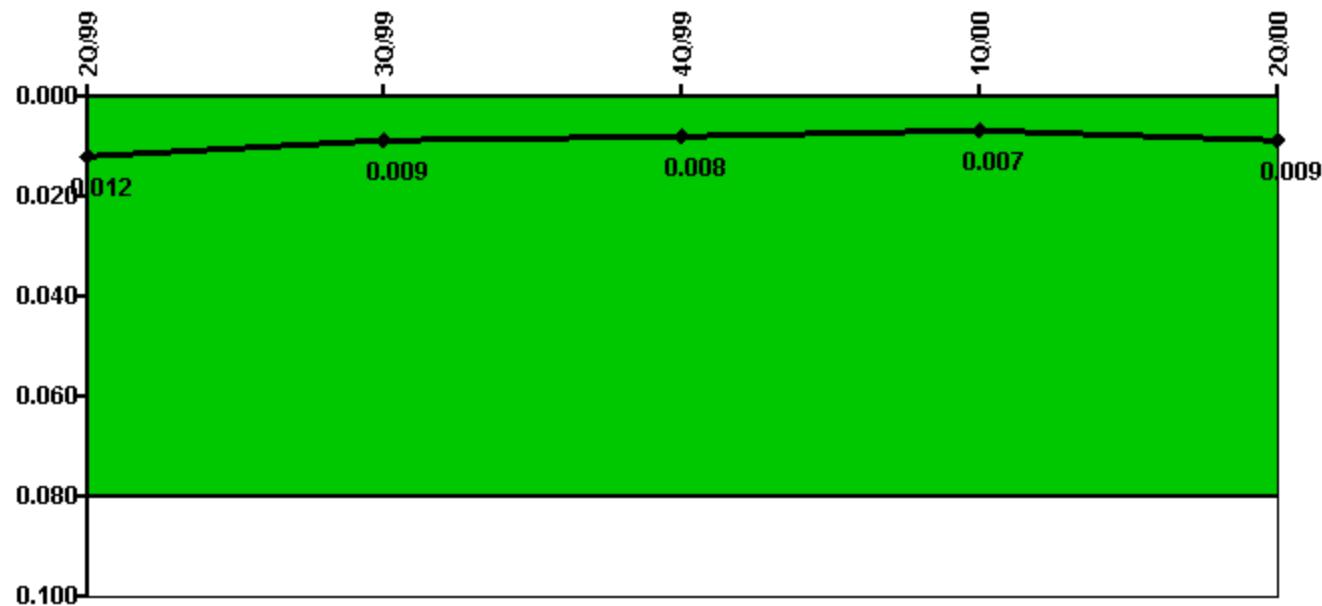
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/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

Protected Area Security Performance Index



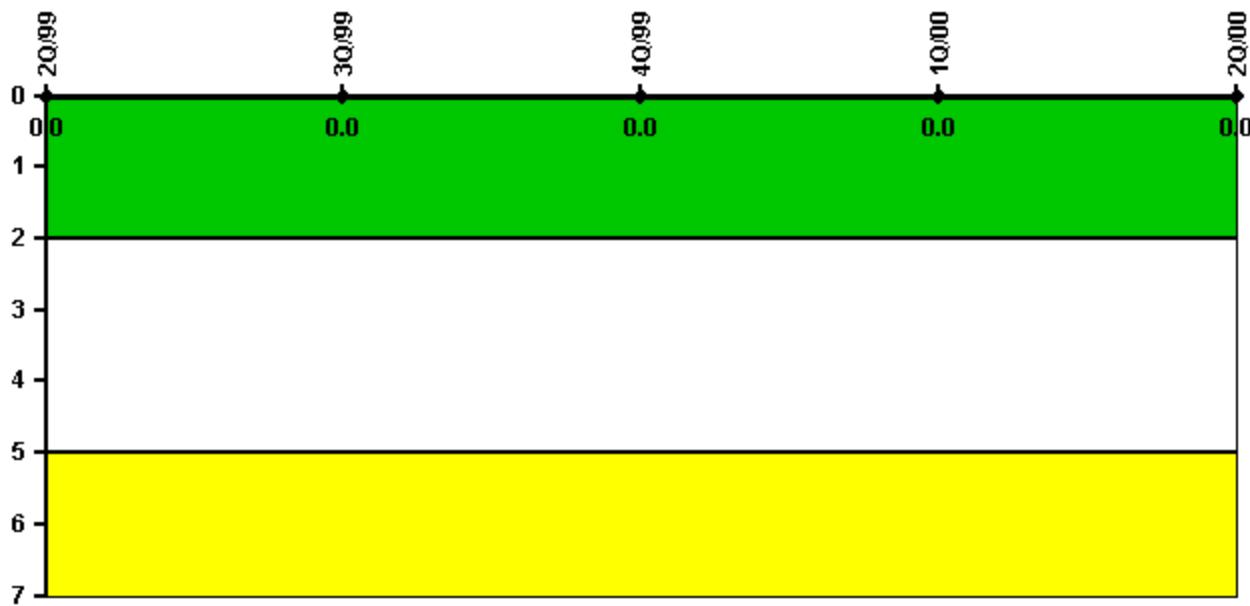
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
IDS compensatory hours	13.60	74.00	112.10	0	99.00
CCTV compensatory hours	18.6	0	0	0	1.5
IDS normalization factor	1.80	1.80	1.80	1.80	1.80
CCTV normalization factor	1.5	1.5	1.5	1.5	1.5
Index Value	0.012	0.009	0.008	0.007	0.009

Licensee Comments: none

Personnel Screening Program

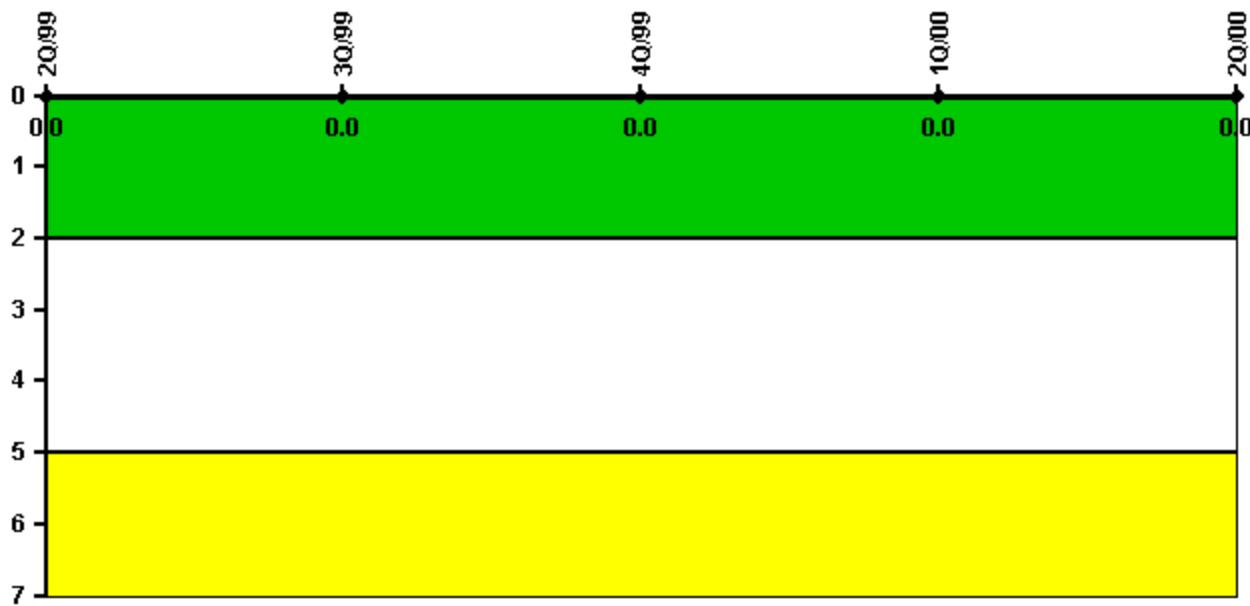


Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

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

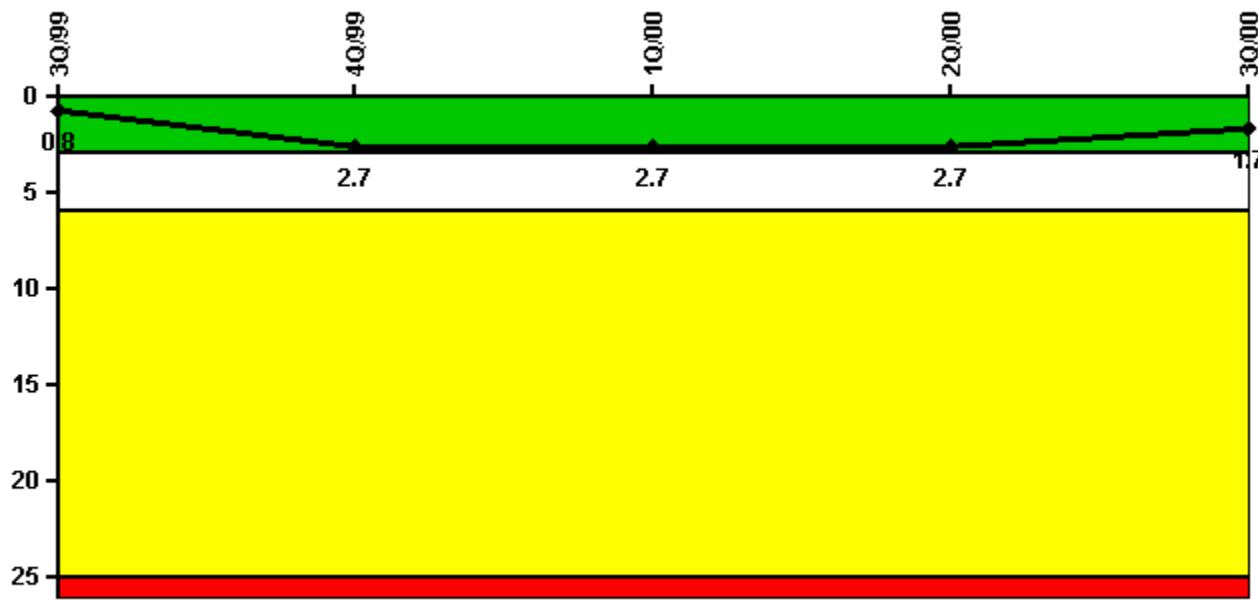


[PI Summary](#) | [Inspection Findings Summary](#) | [Reactor Oversight Process](#)

Last Modified: April 1, 2002

Saint Lucie 1**3Q/2000 Performance Indicators**

Licensee's General Comments: none

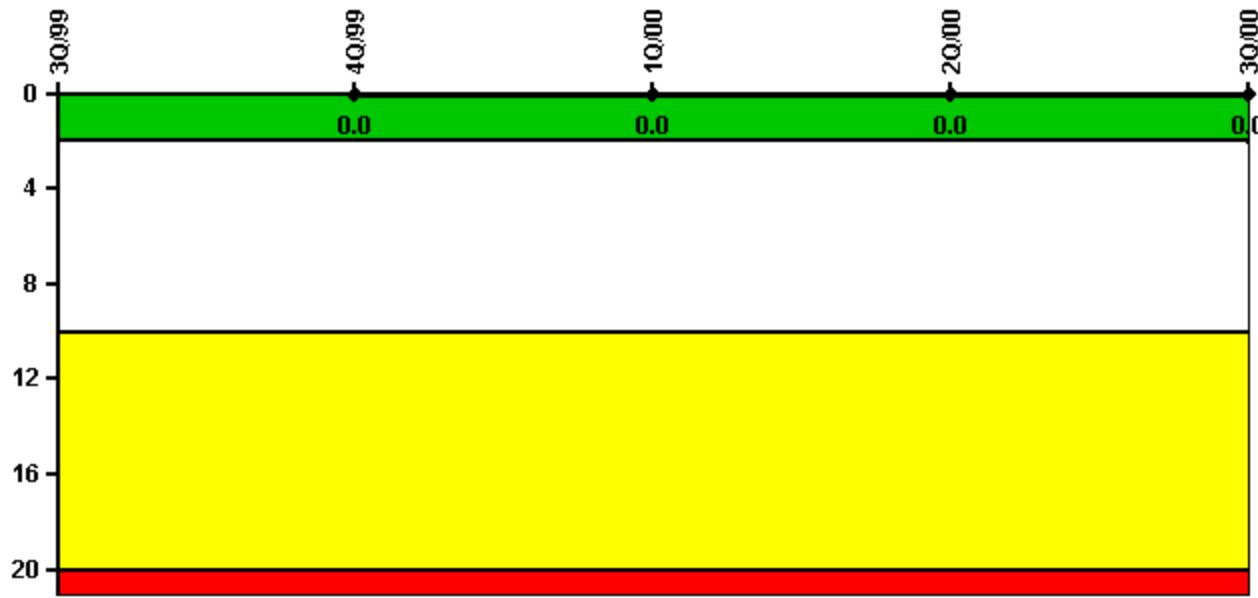
Unplanned Scrams per 7000 Critical Hrs

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Unplanned scrams	1.0	2.0	0	0	0
Critical hours	1705.6	1800.0	2184.0	2183.0	2208.0
Indicator value	0.8	2.7	2.7	2.7	1.7

Licensee Comments: none

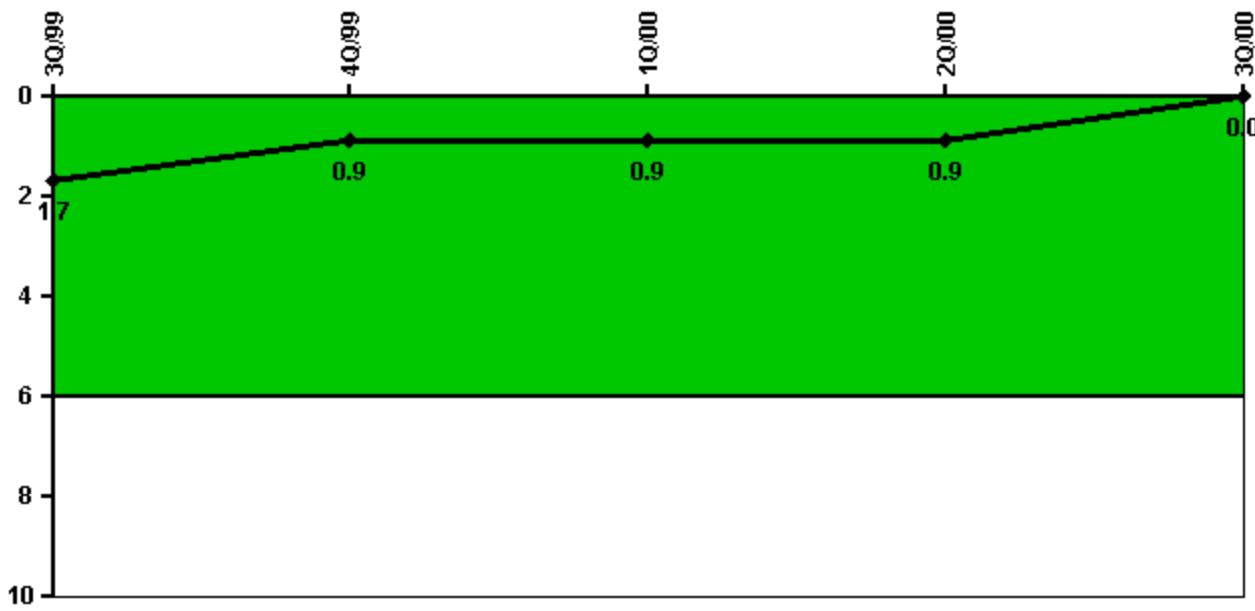
Scrams with Loss of Normal Heat Removal

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

Unplanned Power Changes per 7000 Critical Hrs

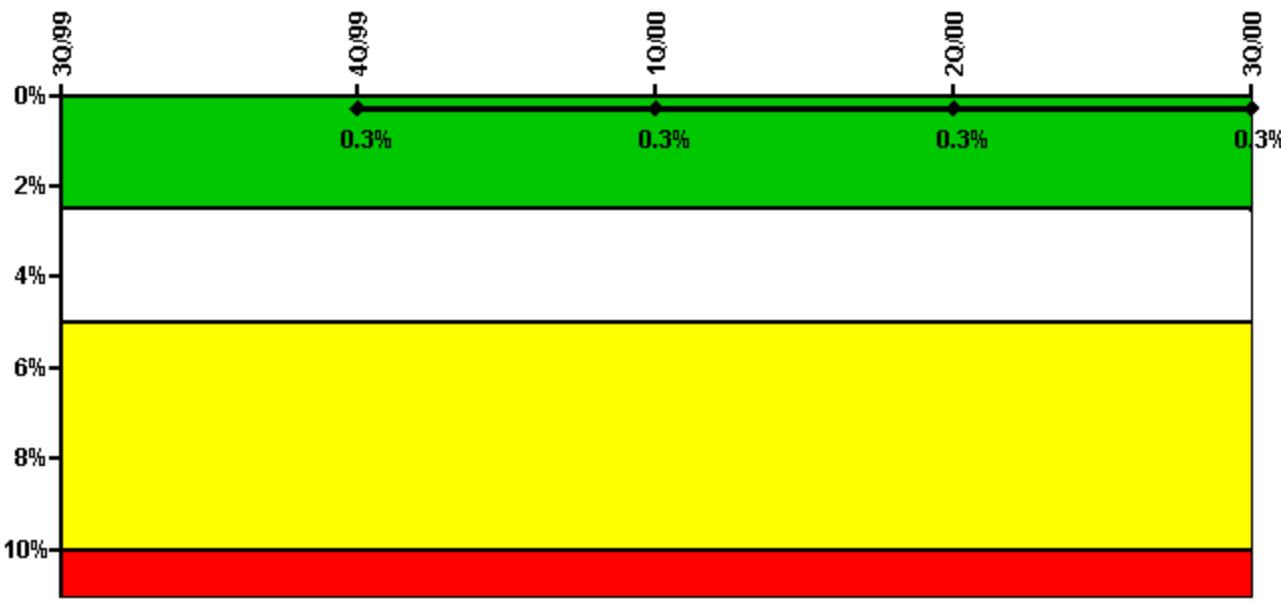
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Unplanned power changes	1.0	0	0	0	0
Critical hours	1705.6	1800.0	2184.0	2183.0	2208.0
Indicator value	1.7	0.9	0.9	0.9	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	15.30	0	3.00	4.20	6.90
Unplanned unavailable hours	0	18.30	0	9.70	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2023.40	2066.80	2184.00	2183.00	2208.00
Train 2					
Planned unavailable hours	0	0	5.20	4.00	3.90
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	2023.40	2066.80	2184.00	2183.00	2208.00
Indicator value		0.3%	0.3%	0.3%	0.3%

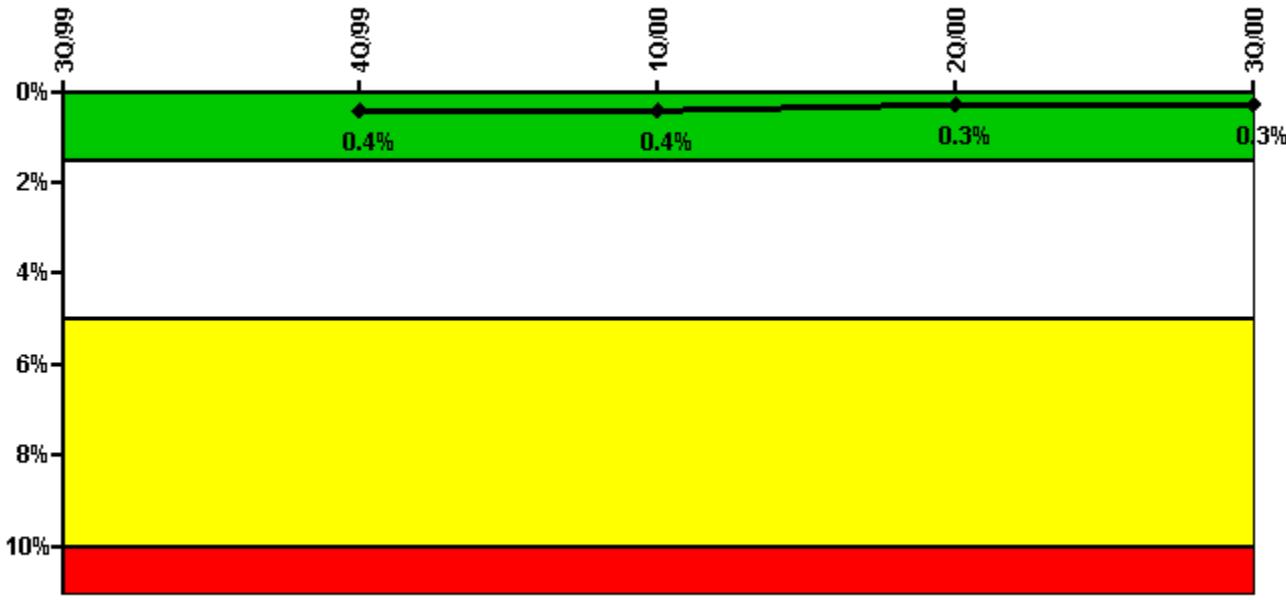
Licensee Comments:

3Q/00: 1Q2000 and 2Q2000 data changed to address minor discrepancy where unavailable hours had not been recorded for surveillance testing with EDG parallel to the grid.

2Q/00: 1Q2000 and 2Q2000 data changed to address minor discrepancy where unavailable hours had not been recorded for surveillance testing with EDG parallel to the grid.

1Q/00: 1Q2000 and 2Q2000 data changed to address minor discrepancy where unavailable hours had not been recorded for surveillance testing with EDG parallel to the grid.

Safety System Unavailability, High Pressure Injection System (HPSI)



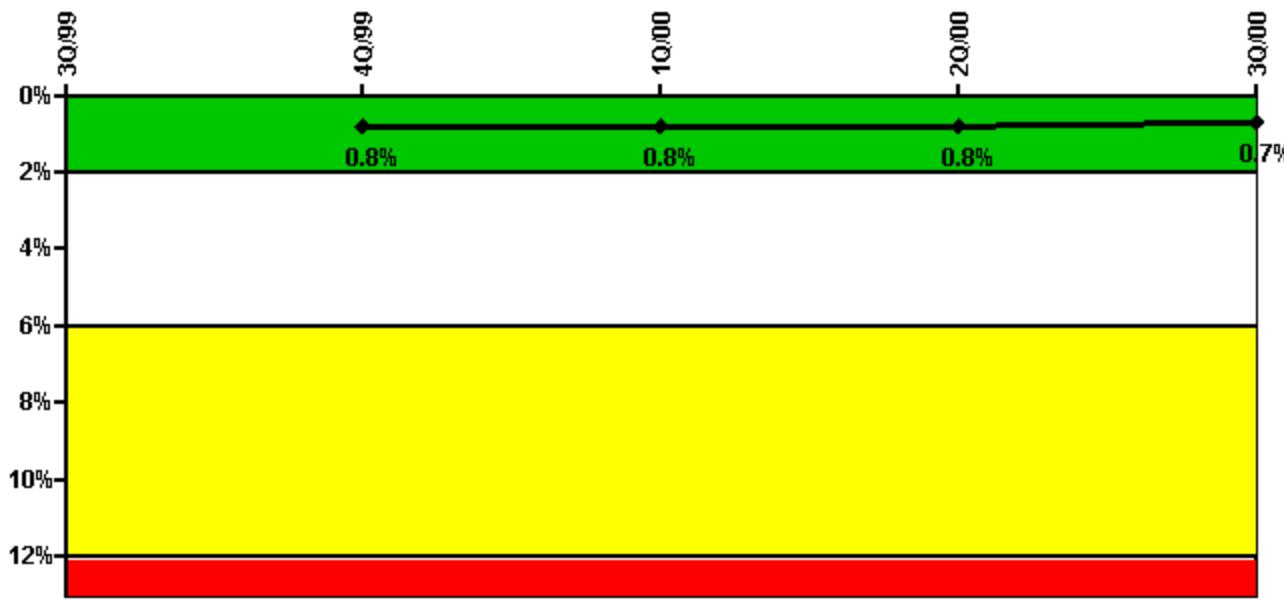
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	0.70	0.90	1.90	3.20	1.60
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	1680.00	1773.00	2184.00	2183.00	2208.00
Train 2					
Planned unavailable hours	0	0.80	3.20	0.70	0.40
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	1680.00	1773.00	2184.00	2183.00	2208.00
Indicator value			0.4%	0.4%	0.3%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



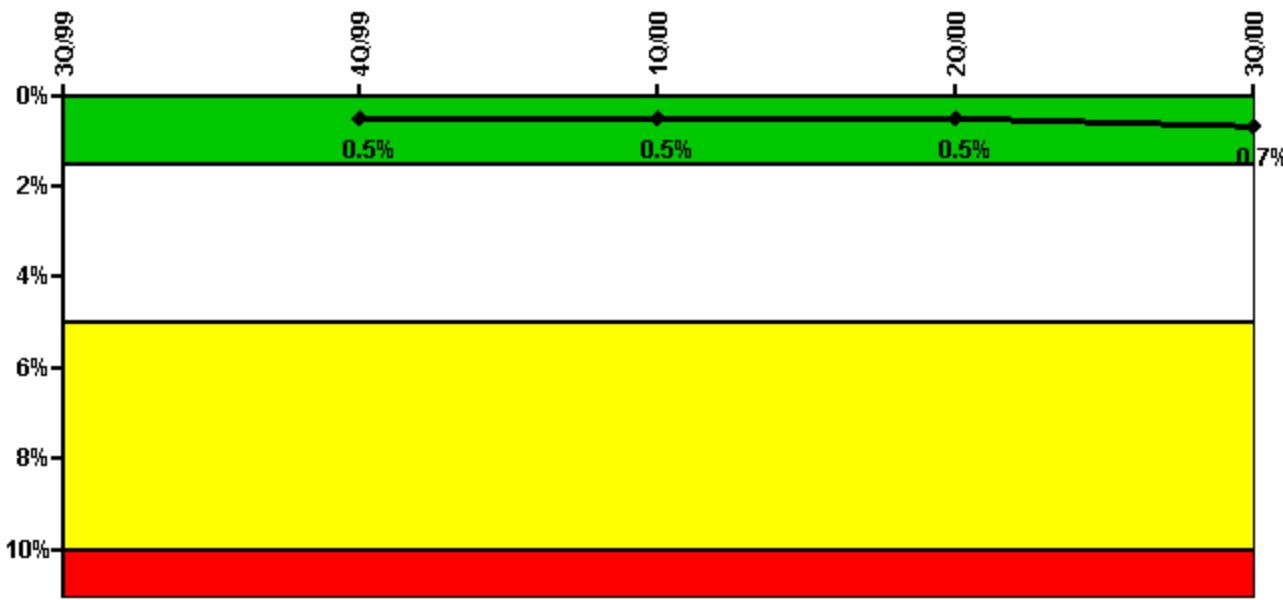
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)		3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1						
Planned unavailable hours		3.00	0	35.10	0	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		1704.00	1800.00	2184.00	2183.00	2208.00
Train 2						
Planned unavailable hours		3.00	0	4.80	0	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		1704.00	1800.00	2184.00	2183.00	2208.00
Train 3						
Planned unavailable hours		4.00	7.00	17.30	0	1.37
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		1704.00	1800.00	2184.00	2183.00	2208.00
Indicator value			0.8%	0.8%	0.8%	0.7%

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/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1						
Planned unavailable hours		16.40	2.00	2.00	45.10	61.90
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		1778.20	1885.10	2184.00	2183.00	2208.00
Train 2						
Planned unavailable hours		3.90	1.90	3.20	37.60	53.90
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		1778.20	1885.10	2184.00	2183.00	2208.00
Train 3						
Planned unavailable hours		0	0	0	0	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		418.80	304.60	0	0	0
Train 4						
Planned unavailable hours		0	0	0	0	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		418.80	304.60	0	0	0
Indicator value			0.5%	0.5%	0.5%	0.7%

Licensee Comments:

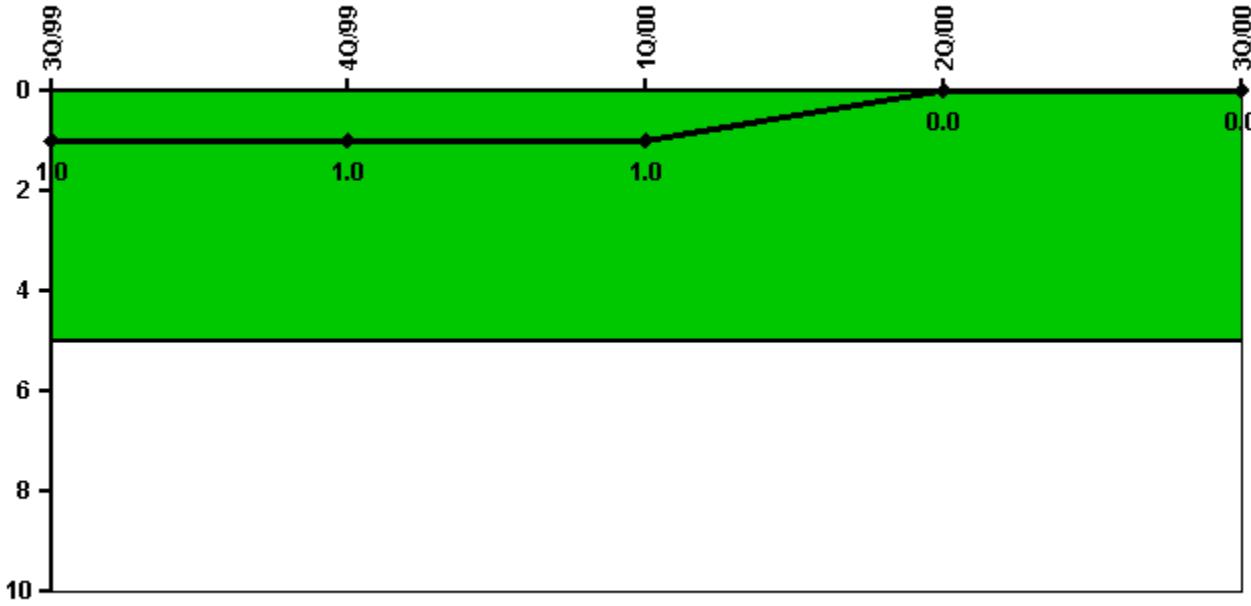
4Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

3Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

2Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

1Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

Safety System Functional Failures (PWR)

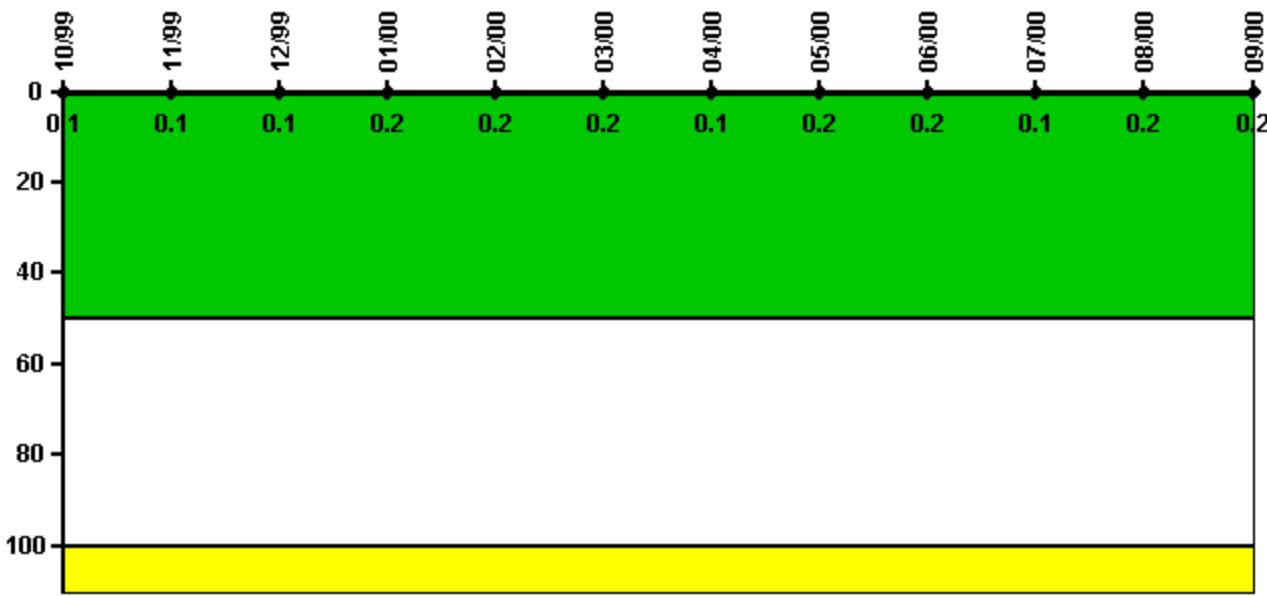


Thresholds: White > 5.0

Notes

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

Licensee Comments: none

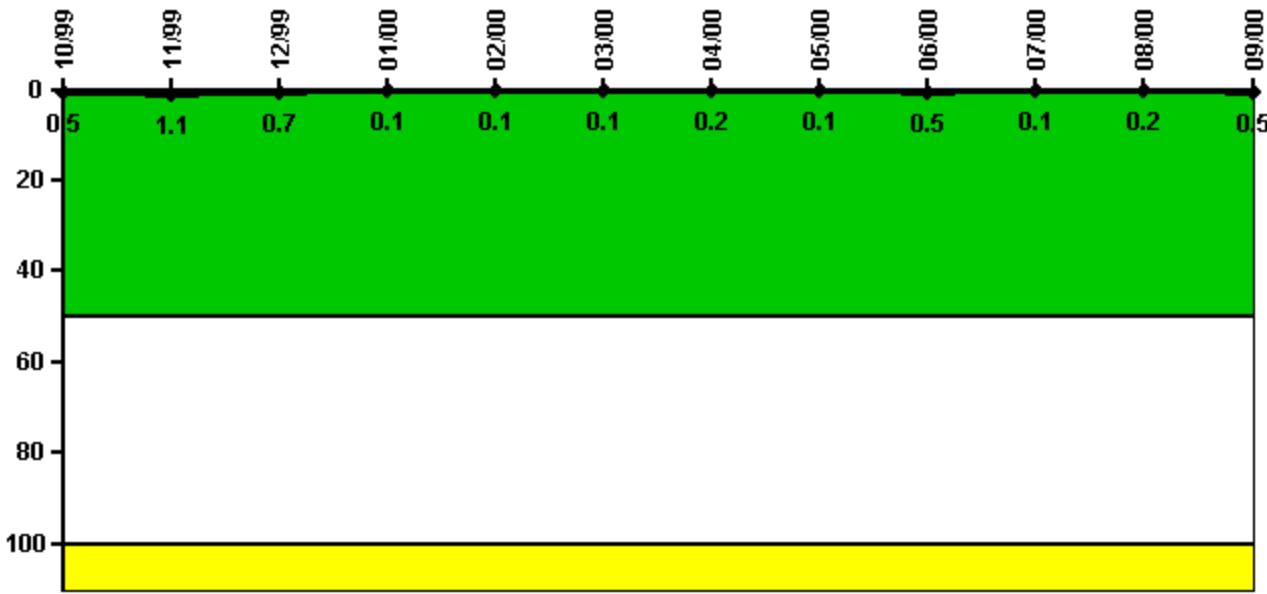
Reactor Coolant System Activity

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	0.001400	0.001000	0.001000	0.001880	0.002270	0.001670	0.001400	0.001500	0.001530	0.001450	0.002110	0.001560
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.2	0.2	0.1	0.2	0.2

Licensee Comments: none

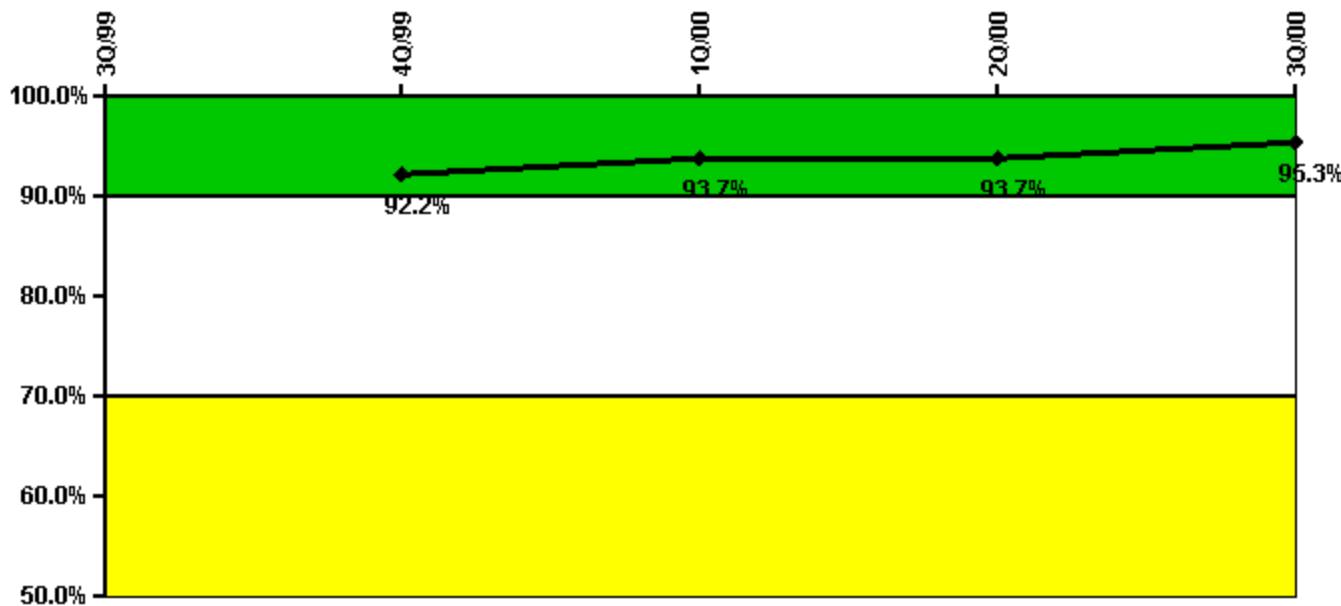
Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum leakage	0.050	0.110	0.070	0.010	0.010	0.010	0.020	0.010	0.050	0.010	0.020	0.050
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	1.1	0.7	0.1	0.1	0.1	0.2	0.1	0.5	0.1	0.2	0.5

Licensee Comments: none

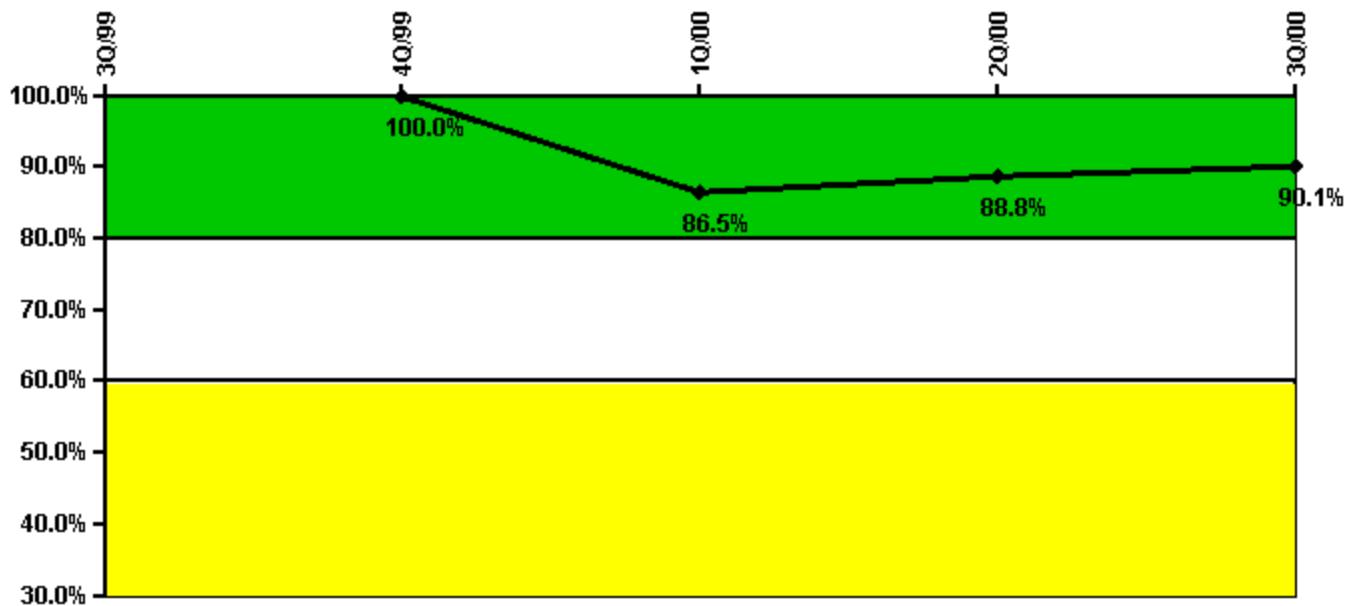
Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Successful opportunities	17.0	98.0	26.0	8.0	65.0
Total opportunities	18.0	100.0	27.0	9.0	65.0
Indicator value		92.2%	93.7%	93.7%	95.3%

Licensee Comments: none

ERO Drill Participation

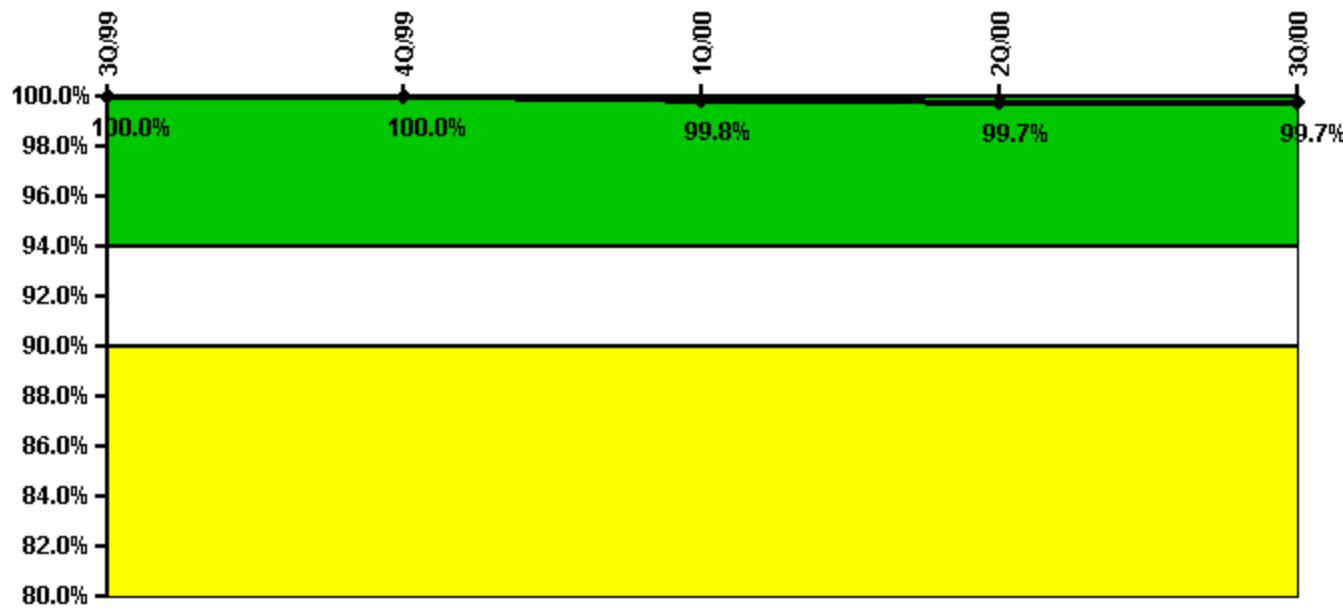
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Participating Key personnel		85.0	77.0	71.0	73.0
Total Key personnel		85.0	89.0	80.0	81.0
Indicator value		100.0%	86.5%	88.8%	90.1%

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	347	696	606	519	694
Total sirens-tests	348	696	609	522	696
Indicator value	100.0%	100.0%	99.8%	99.7%	99.7%

Licensee Comments: none

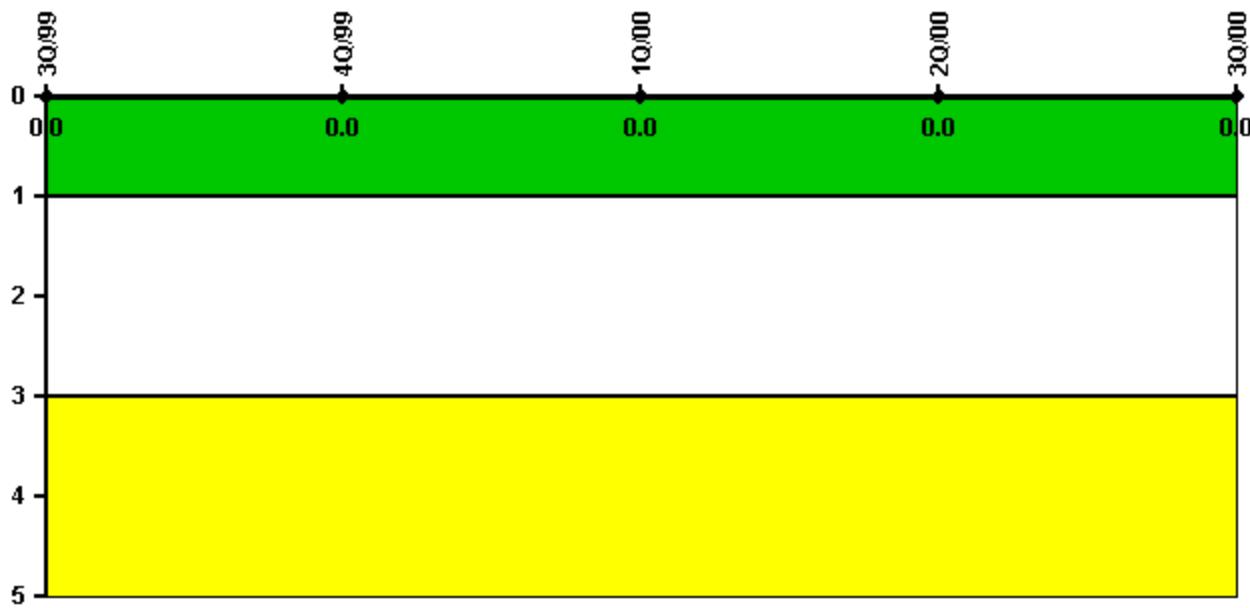
Occupational Exposure Control Effectiveness

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	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent

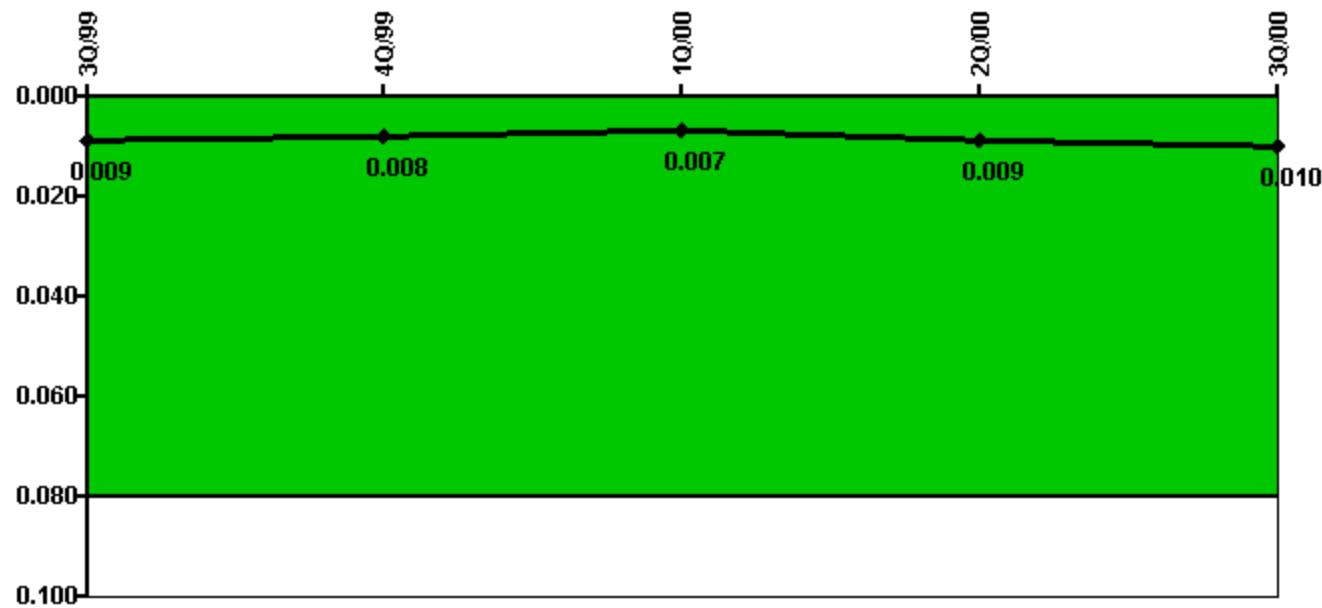
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/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

Protected Area Security Performance Index



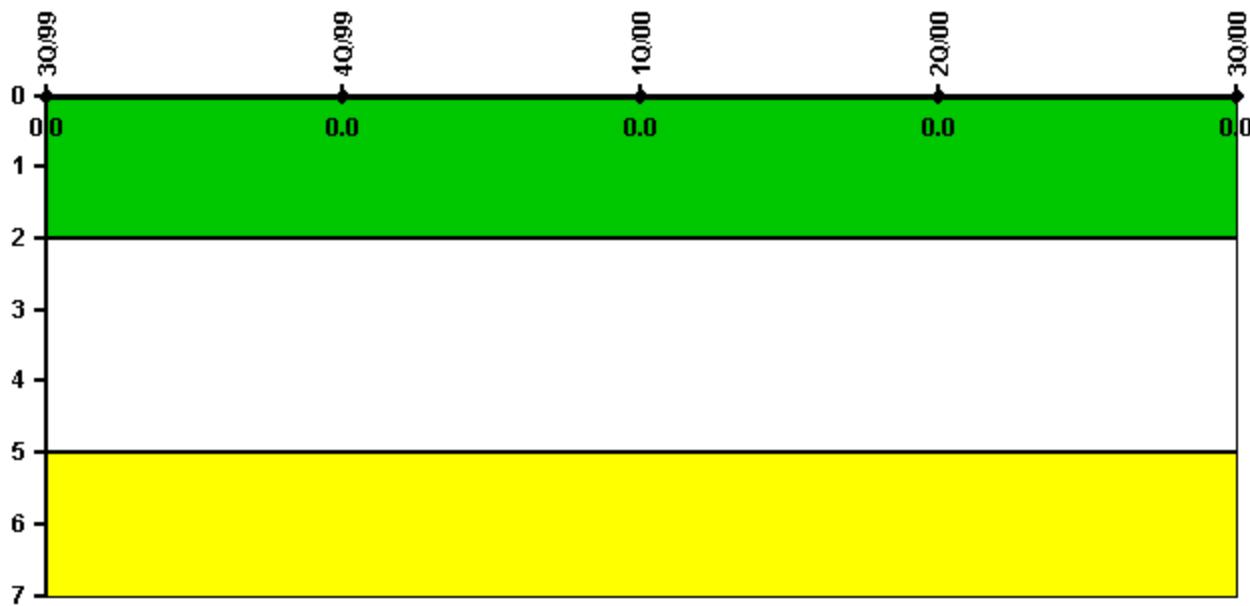
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
IDS compensatory hours	74.00	112.10	0	99.00	106.00
CCTV compensatory hours	0	0	0	1.5	0
IDS normalization factor	1.80	1.80	1.80	1.80	1.80
CCTV normalization factor	1.5	1.5	1.5	1.5	1.5
Index Value	0.009	0.008	0.007	0.009	0.010

Licensee Comments: none

Personnel Screening Program

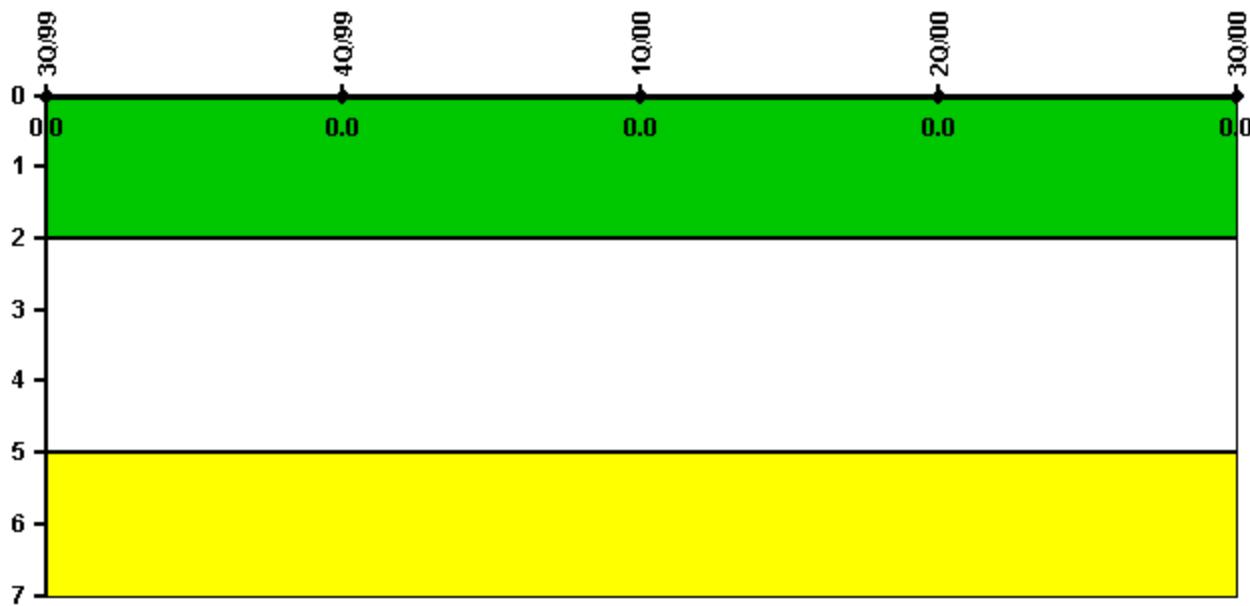


Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

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

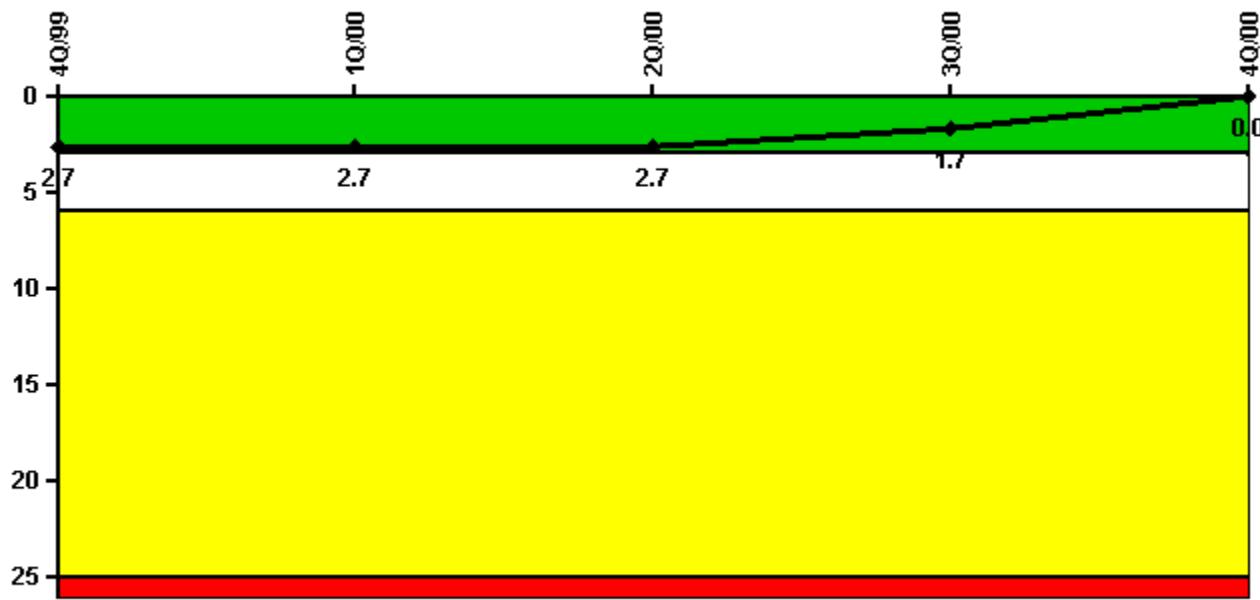


[PI Summary](#) | [Inspection Findings Summary](#) | [Reactor Oversight Process](#)

Last Modified: March 29, 2002

Saint Lucie 1**4Q/2000 Performance Indicators**

Licensee's General Comments: none

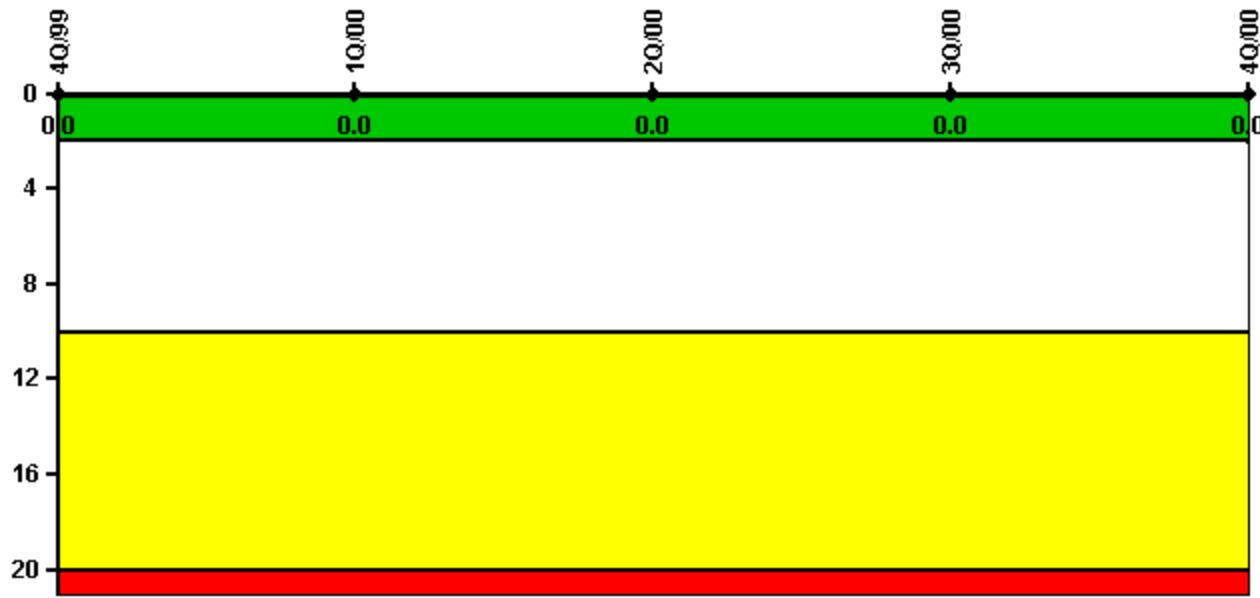
Unplanned Scrams per 7000 Critical Hrs

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Unplanned scrams	2.0	0	0	0	0
Critical hours	1800.0	2184.0	2183.0	2208.0	2209.0
Indicator value	2.7	2.7	2.7	1.7	0

Licensee Comments: none

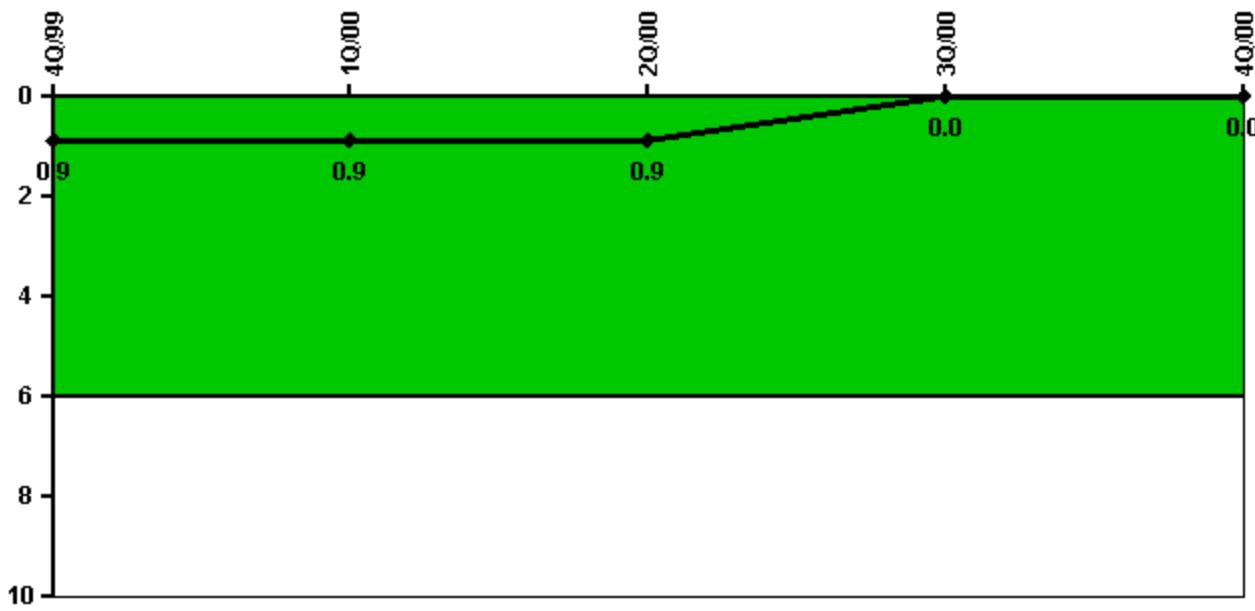
Scrams with Loss of Normal Heat Removal

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

Unplanned Power Changes per 7000 Critical Hrs

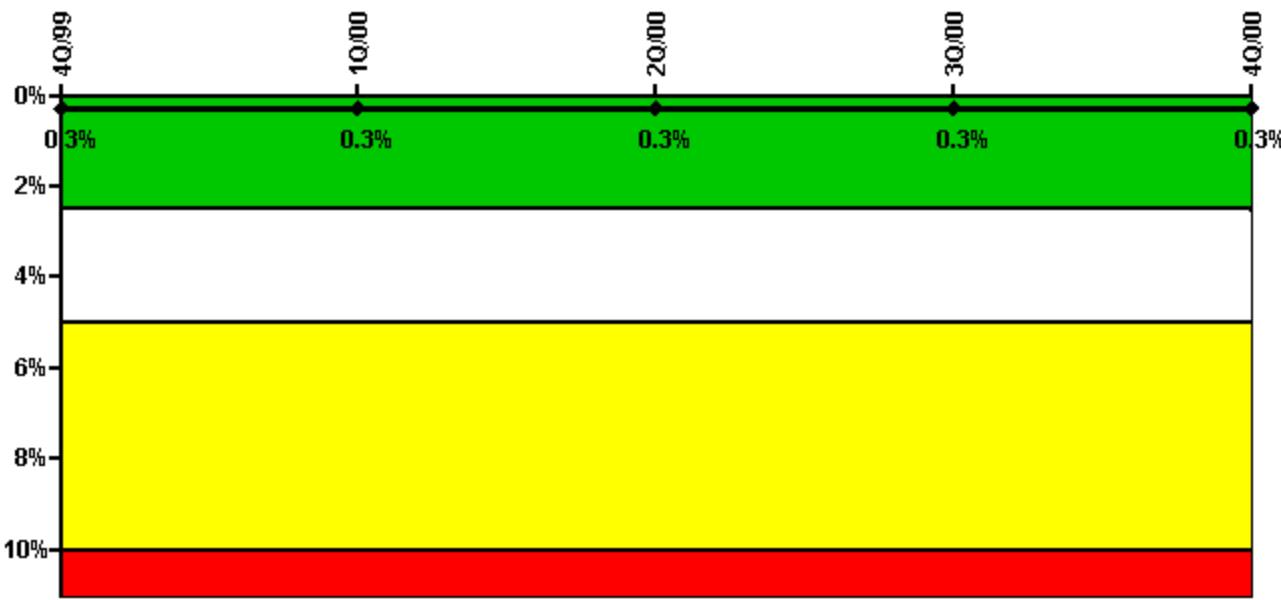
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Unplanned power changes	0	0	0	0	0
Critical hours	1800.0	2184.0	2183.0	2208.0	2209.0
Indicator value	0.9	0.9	0.9	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



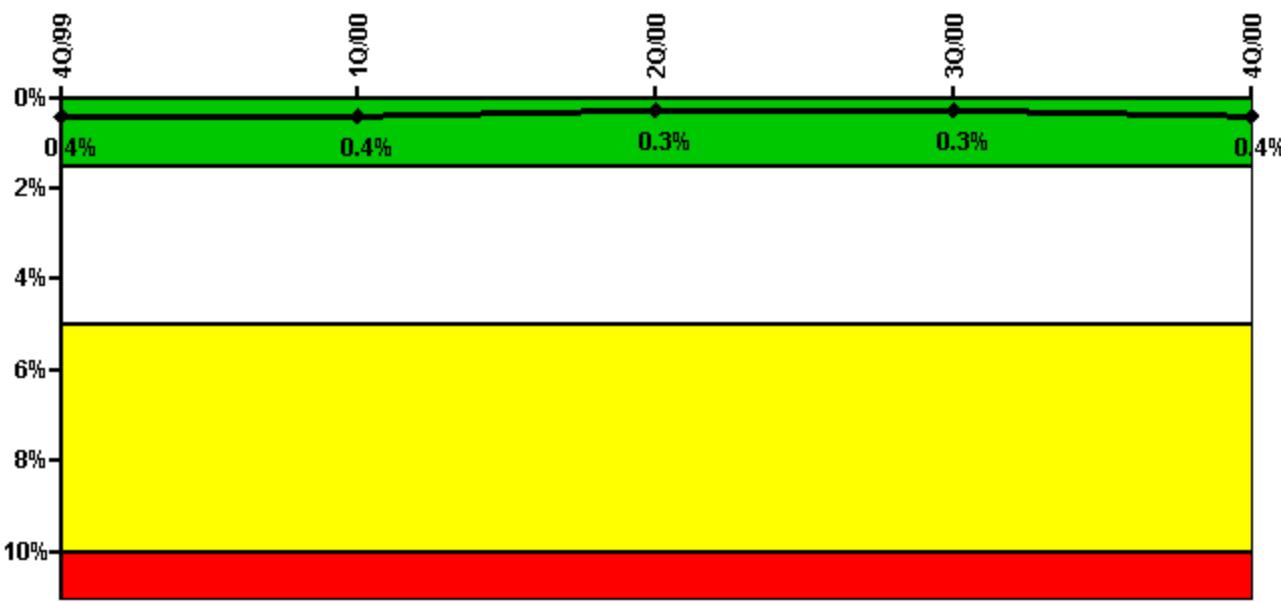
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	0	3.00	4.20	6.90	2.90
Unplanned unavailable hours	18.30	0	9.70	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2066.80	2184.00	2183.00	2208.00	2209.00
Train 2					
Planned unavailable hours	0	5.20	4.00	3.90	4.10
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	2066.80	2184.00	2183.00	2208.00	2209.00
Indicator value	0.3%	0.3%	0.3%	0.3%	0.3%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



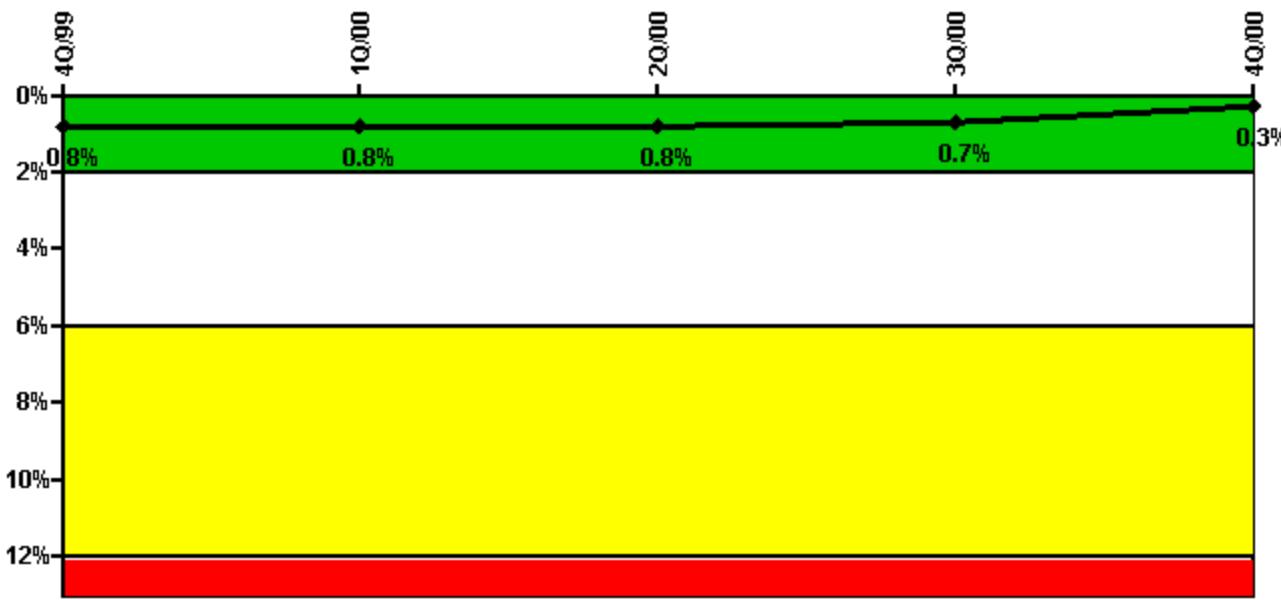
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	0.90	1.90	3.20	1.60	24.30
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	1773.00	2184.00	2183.00	2208.00	2209.00
Train 2					
Planned unavailable hours	0.80	3.20	0.70	0.40	35.80
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	1773.00	2184.00	2183.00	2208.00	2209.00
Indicator value	0.4%	0.4%	0.3%	0.3%	0.4%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



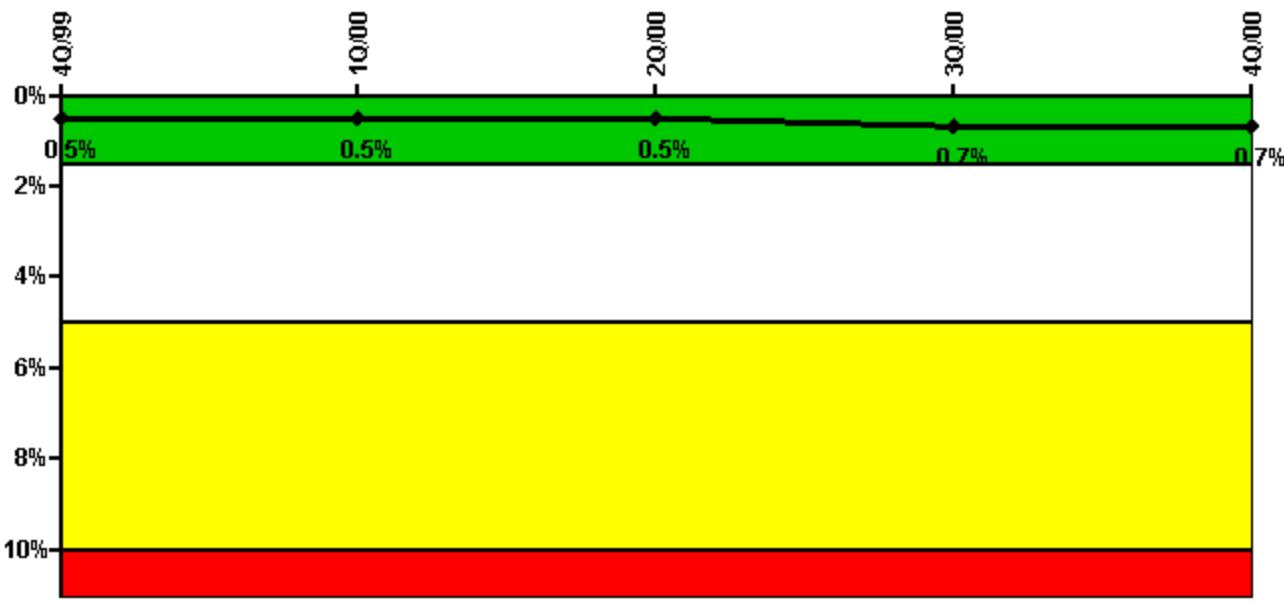
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)		4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1						
Planned unavailable hours		0	35.10	0	0	2.90
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		1800.00	2184.00	2183.00	2208.00	2209.00
Train 2						
Planned unavailable hours		0	4.80	0	0	1.80
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		1800.00	2184.00	2183.00	2208.00	2209.00
Train 3						
Planned unavailable hours		7.00	17.30	0	1.37	16.20
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		1800.00	2184.00	2183.00	2208.00	2209.00
Indicator value		0.8%	0.8%	0.8%	0.7%	0.3%

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
Train 1						
Planned unavailable hours		2.00	2.00	45.10	61.90	28.50
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		1885.10	2184.00	2183.00	2208.00	2209.00
Train 2						
Planned unavailable hours		1.90	3.20	37.60	53.90	21.40
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		1885.10	2184.00	2183.00	2208.00	2209.00
Train 3						
Planned unavailable hours		0	0	0	0	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		304.60	0	0	0	0
Train 4						
Planned unavailable hours		0	0	0	0	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		304.60	0	0	0	0
Indicator value		0.5%	0.5%	0.5%	0.7%	0.7%

Licensee Comments:

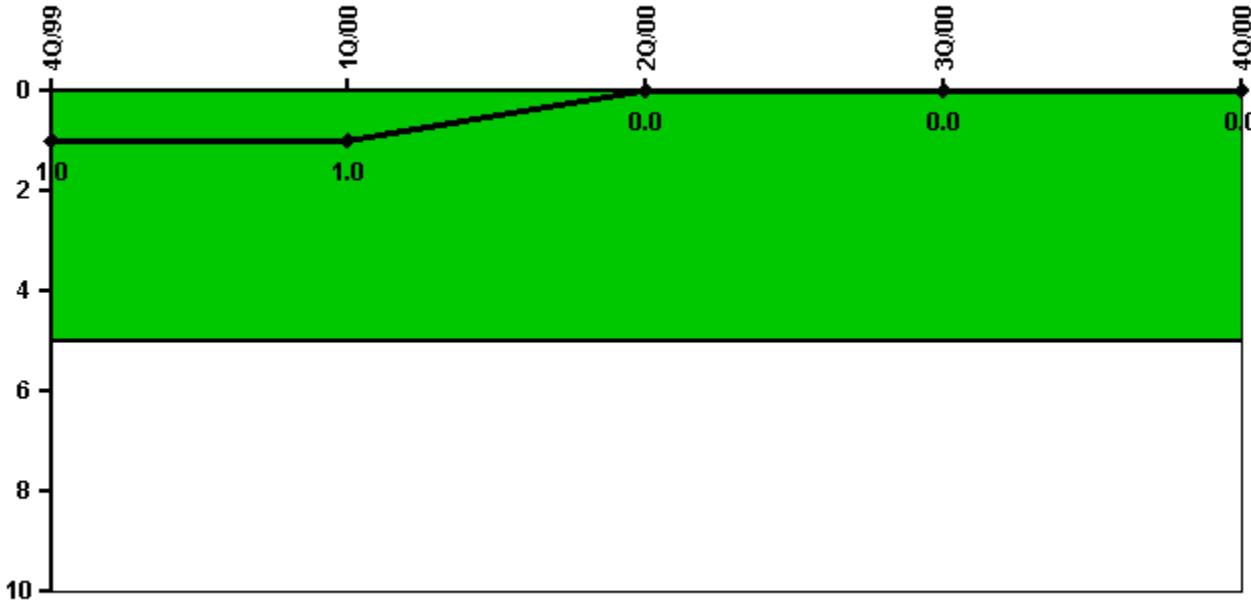
4Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

3Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

2Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

1Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

Safety System Functional Failures (PWR)

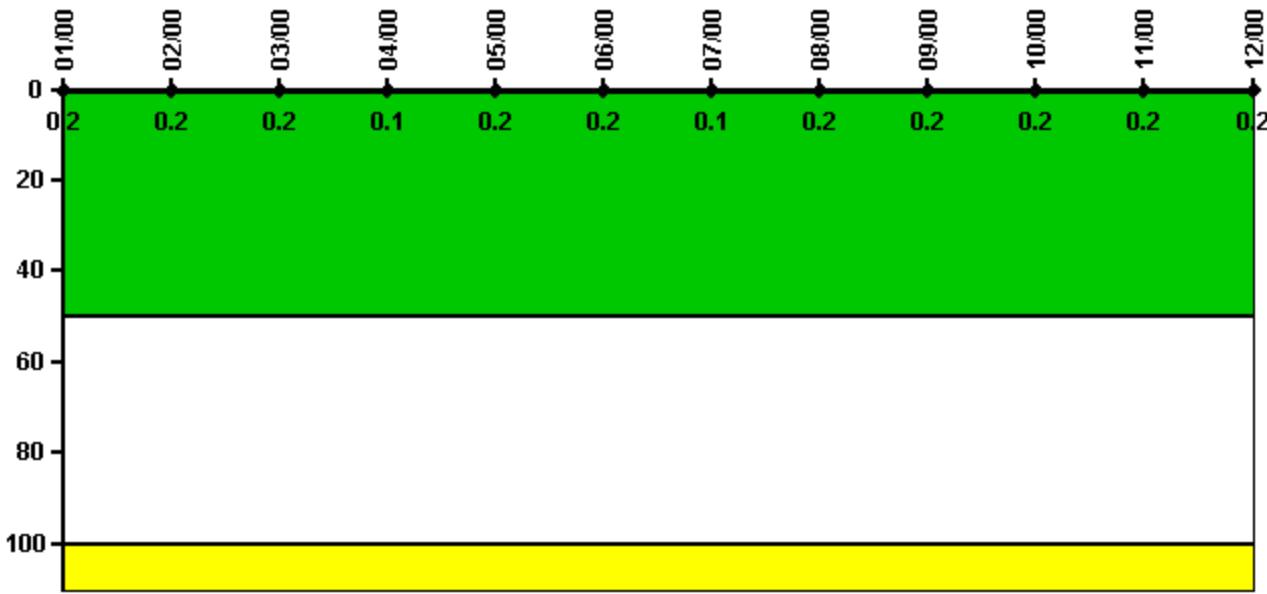


Thresholds: White > 5.0

Notes

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

Licensee Comments: none

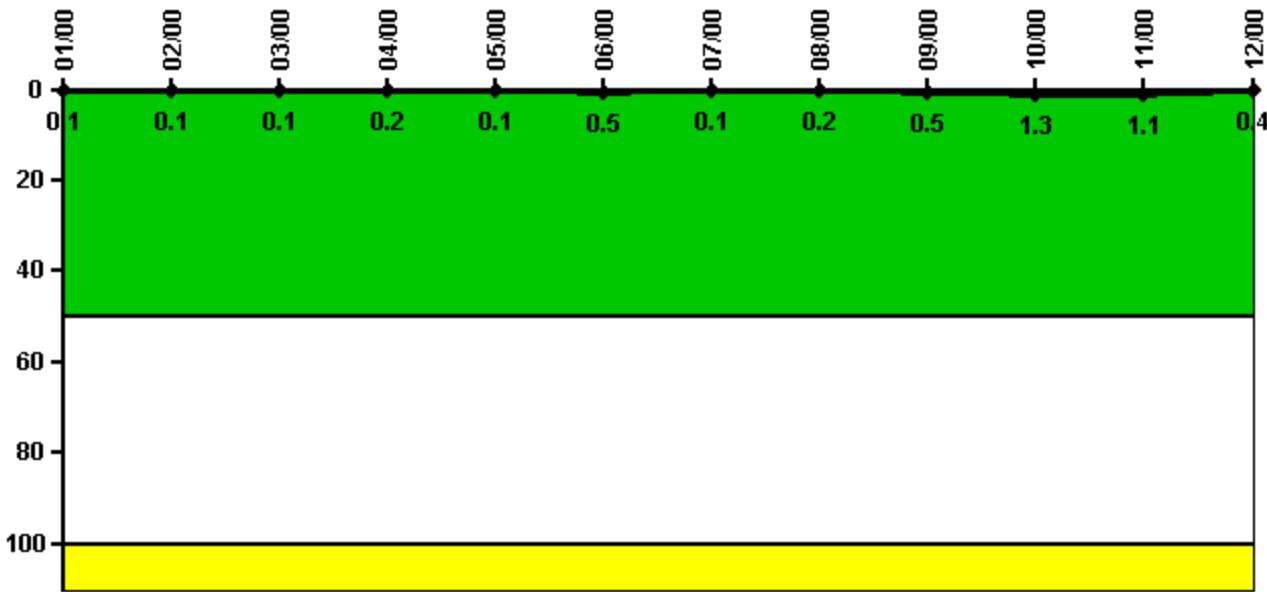
Reactor Coolant System Activity

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	0.001880	0.002270	0.001670	0.001400	0.001500	0.001530	0.001450	0.002110	0.001560	0.001790	0.001800	0.001760
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.2	0.2	0.2	0.1	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2

Licensee Comments: none

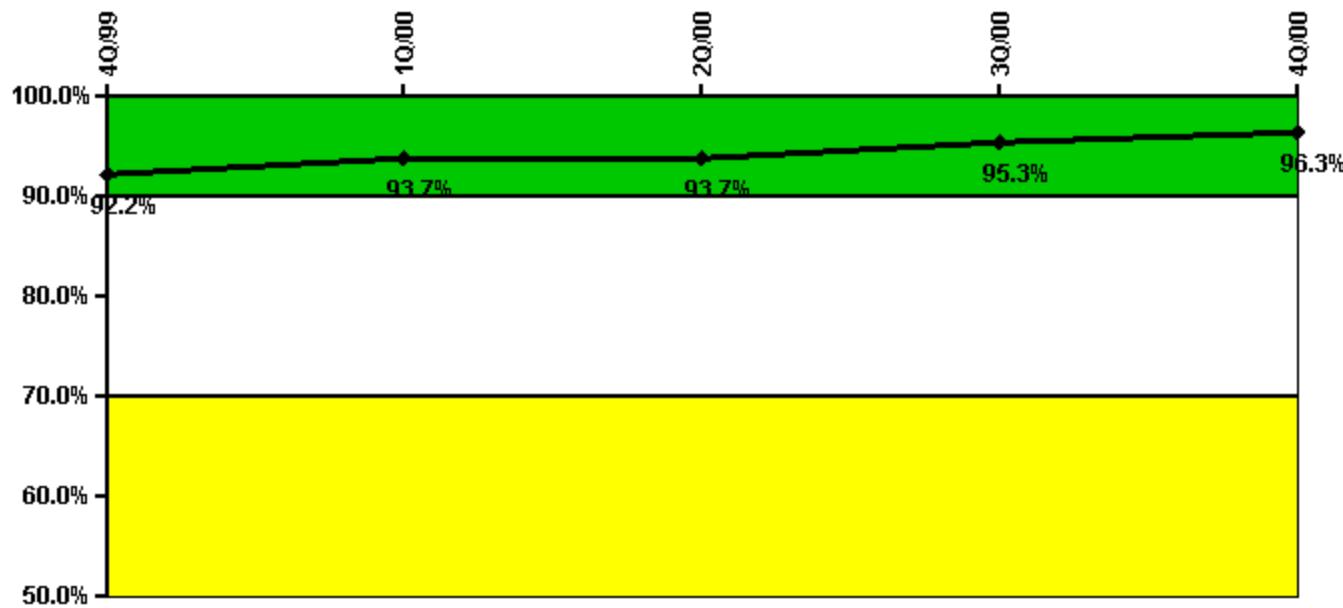
Reactor Coolant System Leakage

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	0.010	0.010	0.010	0.020	0.010	0.050	0.010	0.020	0.050	0.130	0.110	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.1	0.1	0.2	0.1	0.5	0.1	0.2	0.5	1.3	1.1	0.4

Licensee Comments: none

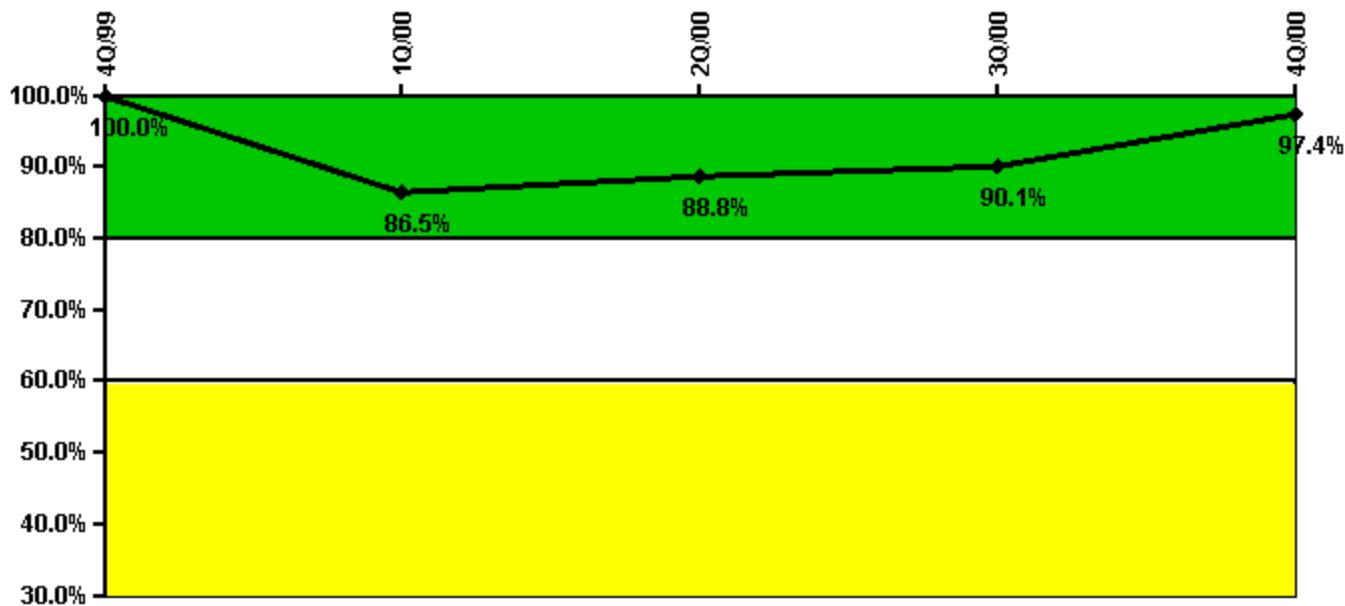
Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Successful opportunities	98.0	26.0	8.0	65.0	127.0
Total opportunities	100.0	27.0	9.0	65.0	130.0
Indicator value	92.2%	93.7%	93.7%	95.3%	96.3%

Licensee Comments: none

ERO Drill Participation

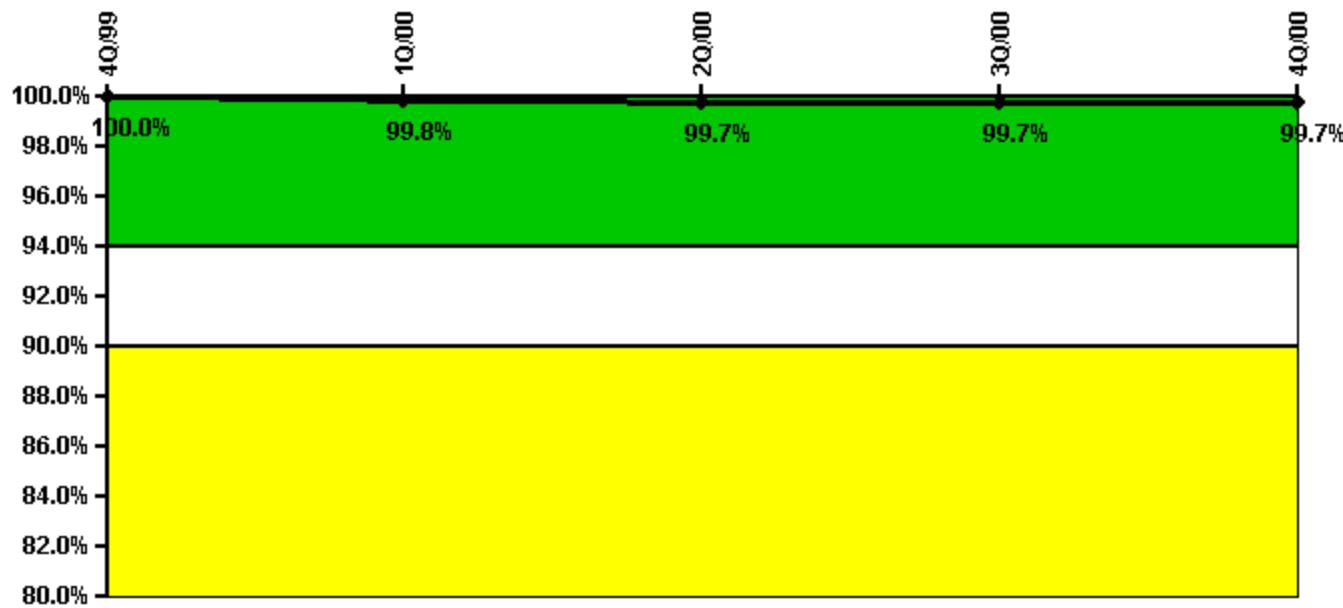
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Participating Key personnel	85.0	77.0	71.0	73.0	75.0
Total Key personnel	85.0	89.0	80.0	81.0	77.0
Indicator value	100.0%	86.5%	88.8%	90.1%	97.4%

Licensee Comments: none

Alert & Notification System

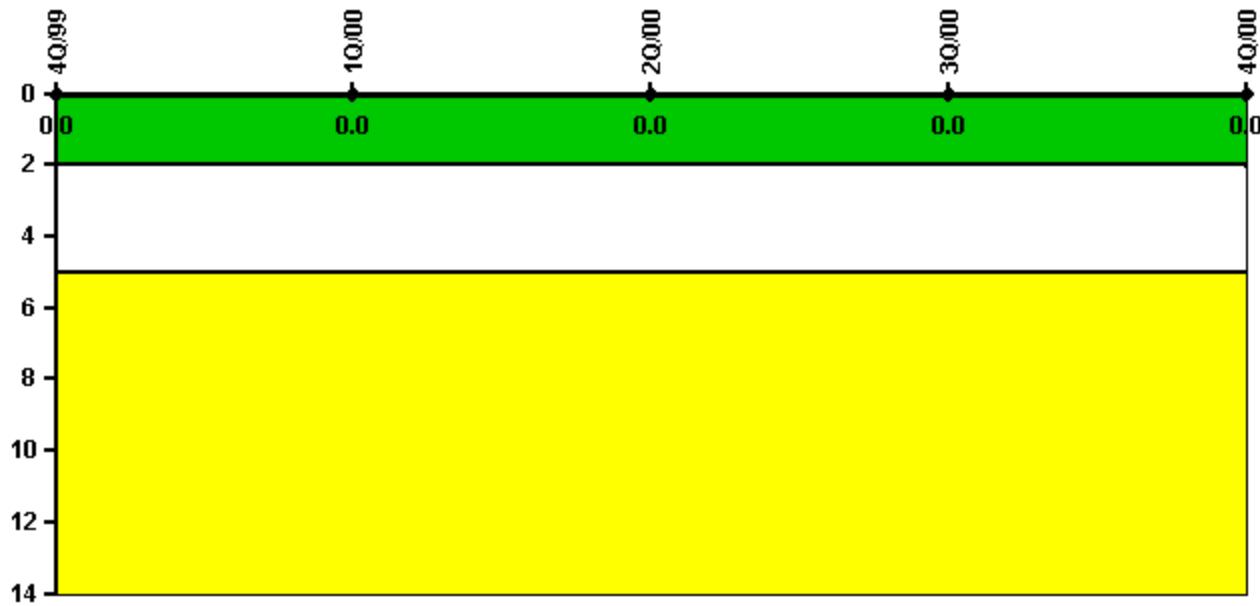


Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Successful siren-tests	696	606	519	694	522
Total sirens-tests	696	609	522	696	522
Indicator value	100.0%	99.8%	99.7%	99.7%	99.7%

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	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

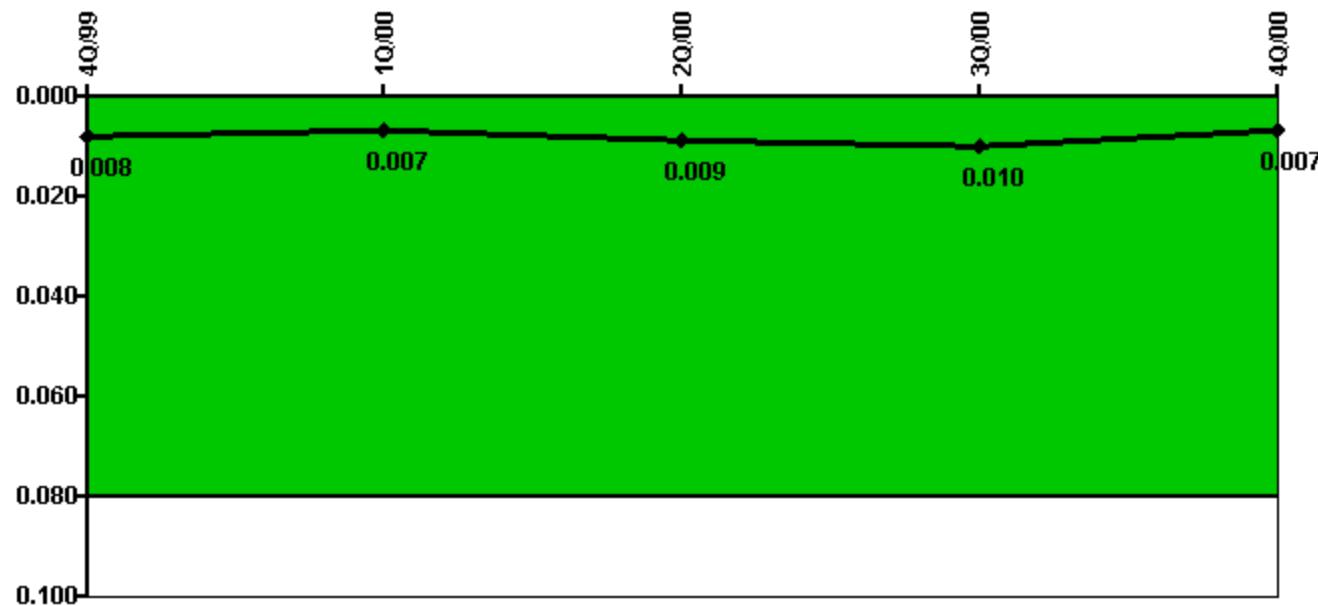
RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

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

Licensee Comments: none

Protected Area Security Performance Index

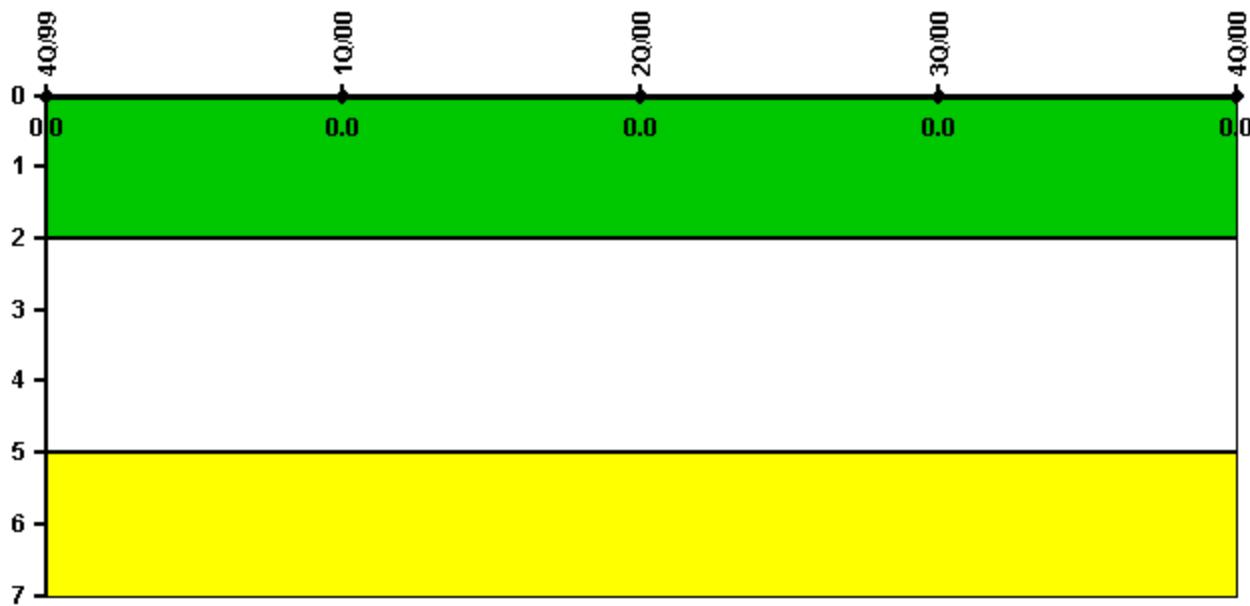
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
IDS compensatory hours	112.10	0	99.00	106.00	25.60
CCTV compensatory hours	0	0	1.5	0	0
IDS normalization factor	1.80	1.80	1.80	1.80	1.80
CCTV normalization factor	1.5	1.5	1.5	1.5	1.5
Index Value	0.008	0.007	0.009	0.010	0.007

Licensee Comments: none

Personnel Screening Program

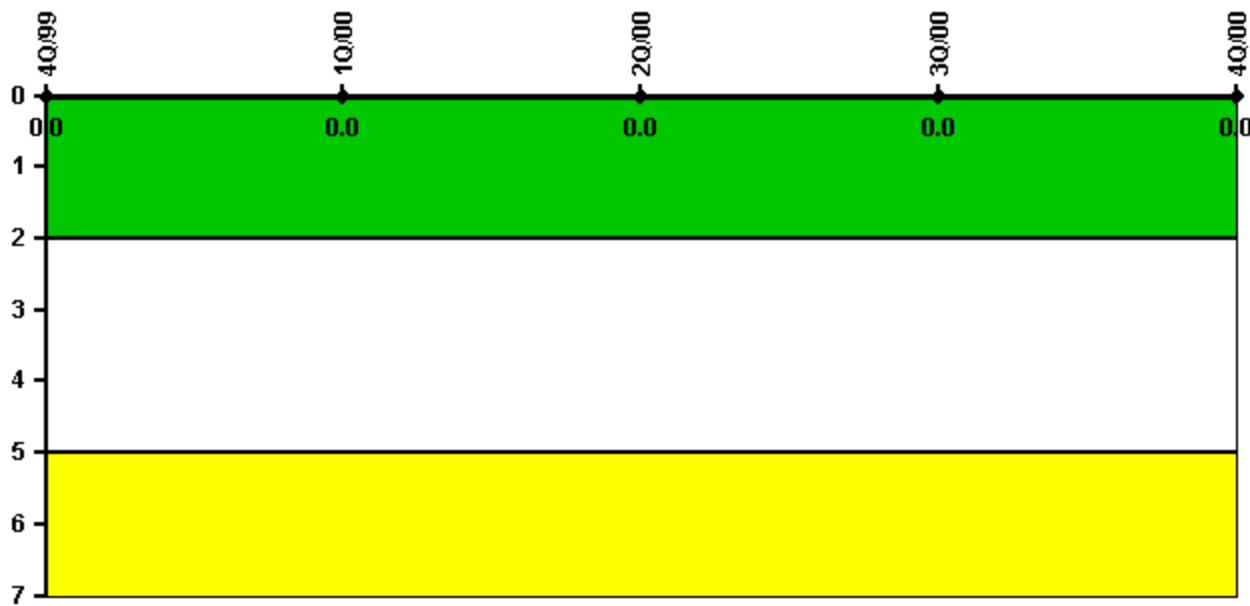


Thresholds: White > 2.0 Yellow > 5.0

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

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

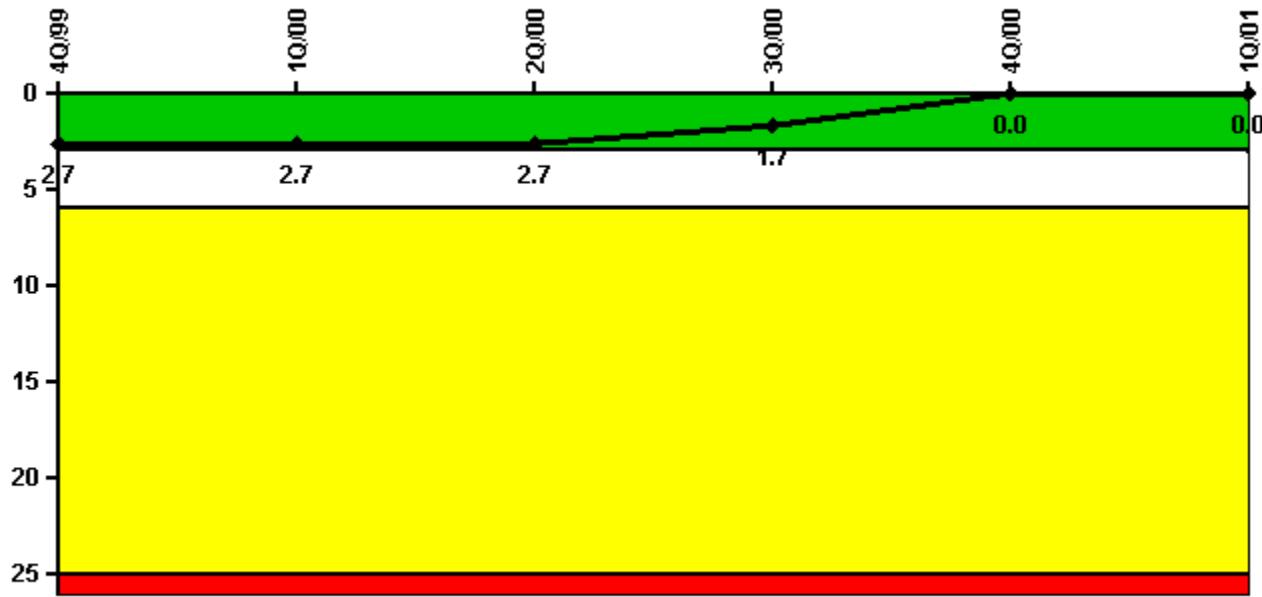


[PI Summary](#) | [Inspection Findings Summary](#) | [Action Matrix Summary](#) | [Reactor Oversight Process](#)

Last Modified: March 28, 2002

Saint Lucie 1**1Q/2001 Performance Indicators**

Licensee's General Comments: none

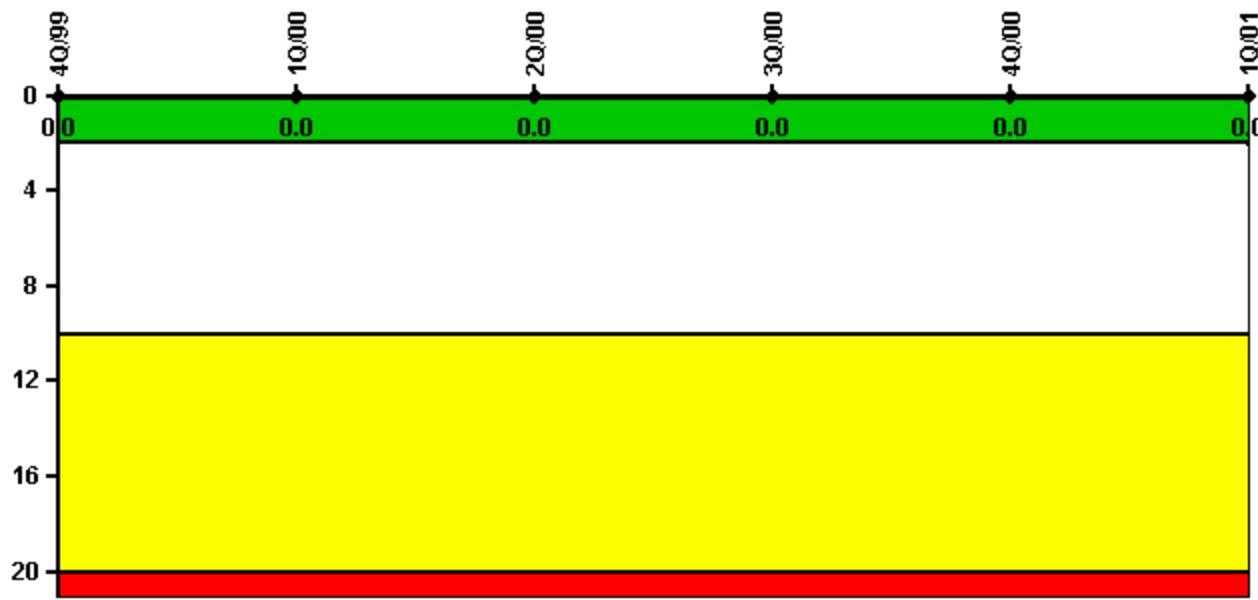
Unplanned Scrams per 7000 Critical Hrs

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Unplanned scrams	2.0	0	0	0	0	0
Critical hours	1800.0	2184.0	2183.0	2208.0	2209.0	2160.0
Indicator value	2.7	2.7	2.7	1.7	0	0

Licensee Comments: none

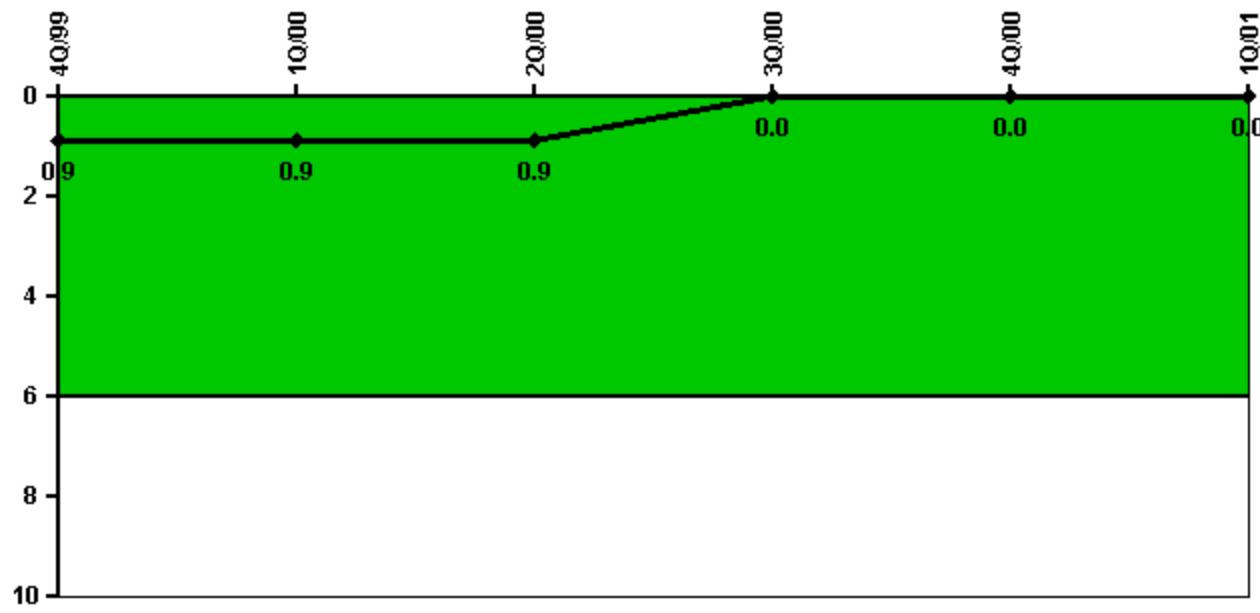
Scrams with Loss of Normal Heat Removal

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	1Q/01
Scrams	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

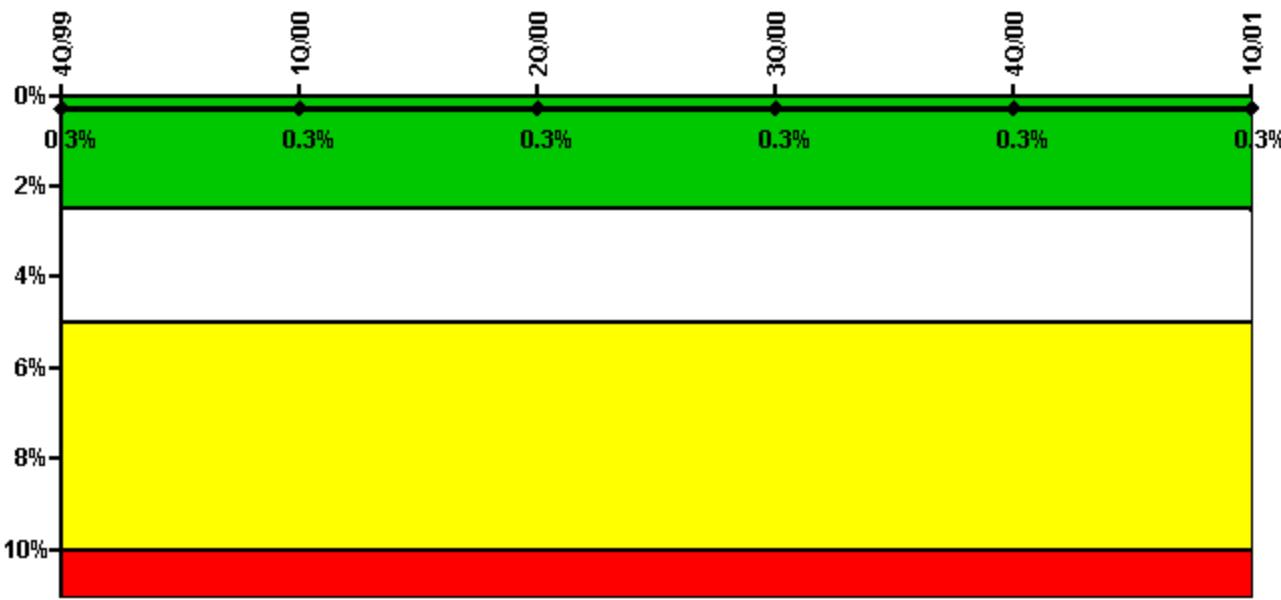
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Unplanned power changes	0	0	0	0	0	0
Critical hours	1800.0	2184.0	2183.0	2208.0	2209.0	2160.0
Indicator value	0.9	0.9	0.9	0	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



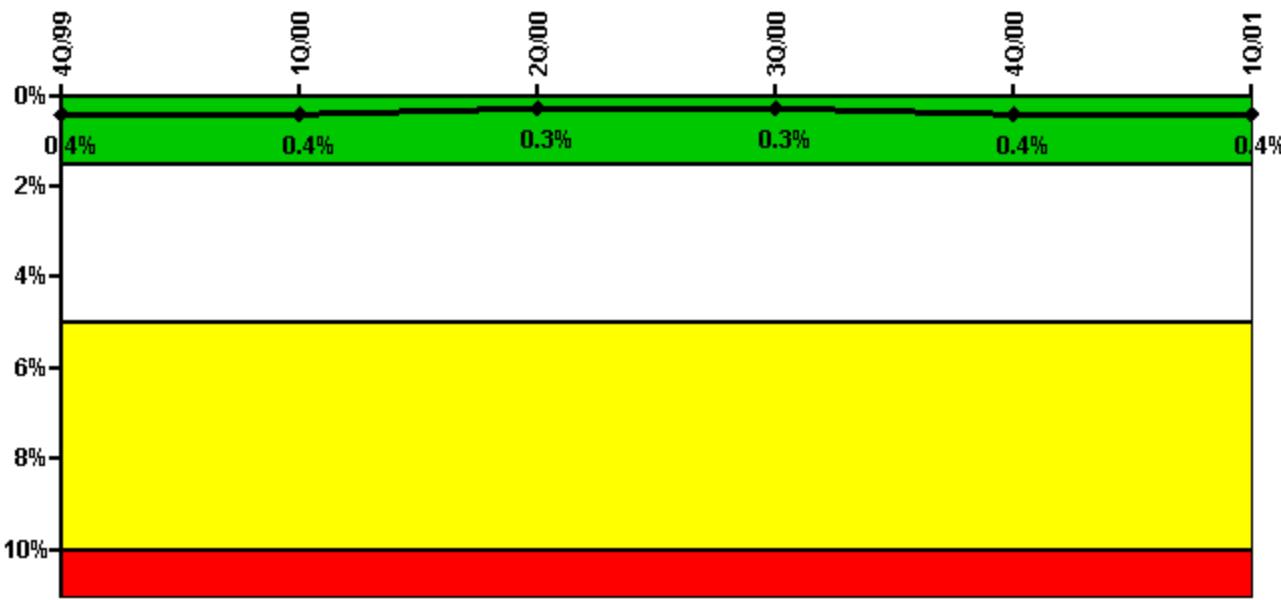
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Train 1						
Planned unavailable hours	0	3.00	4.20	6.90	2.90	8.10
Unplanned unavailable hours	18.30	0	9.70	0	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2066.80	2184.00	2183.00	2208.00	2209.00	2160.00
Train 2						
Planned unavailable hours	0	5.20	4.00	3.90	4.10	3.90
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	2066.80	2184.00	2183.00	2208.00	2209.00	2160.00
Indicator value	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



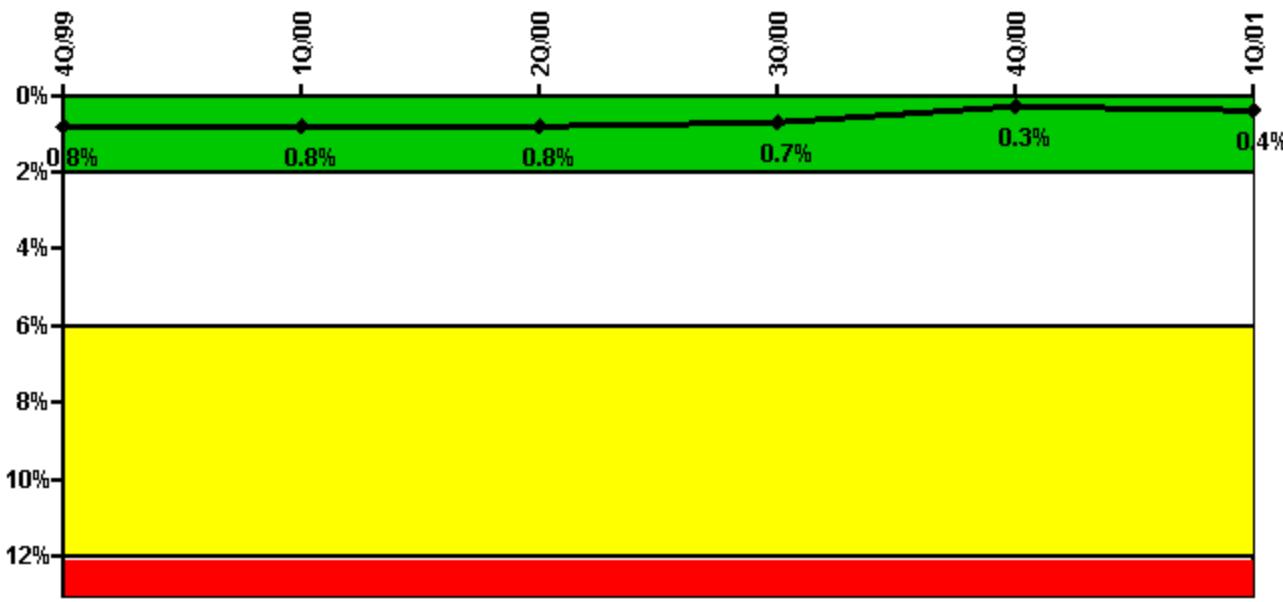
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Train 1						
Planned unavailable hours	0.90	1.90	3.20	1.60	24.30	1.00
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	1773.00	2184.00	2183.00	2208.00	2209.00	2160.00
Train 2						
Planned unavailable hours	0.80	3.20	0.70	0.40	35.80	6.60
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	1773.00	2184.00	2183.00	2208.00	2209.00	2160.00
Indicator value	0.4%	0.4%	0.3%	0.3%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

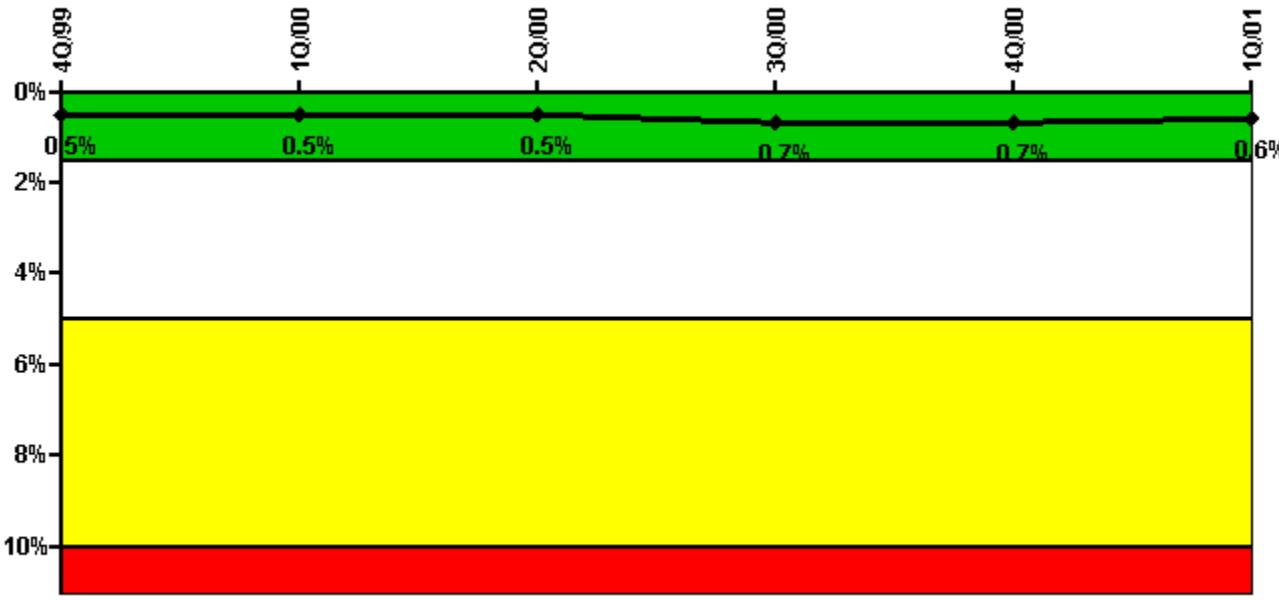
Notes

Safety System Unavailability, Heat Removal System (AFW)		4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Train 1							
Planned unavailable hours		0	35.10	0	0	2.90	2.30
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		1800.00	2184.00	2183.00	2208.00	2209.00	2160.00
Train 2							
Planned unavailable hours		0	4.80	0	0	1.80	3.00
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		1800.00	2184.00	2183.00	2208.00	2209.00	2160.00
Train 3							
Planned unavailable hours		7.00	17.30	0	1.37	16.20	32.60
Unplanned unavailable hours		0	0	0	0	0	0
Fault exposure hours		0	0	0	0	0	40.30
Effective Reset hours		0	0	0	0	0	0
Required hours		1800.00	2184.00	2183.00	2208.00	2209.00	2160.00
Indicator value		0.8%	0.8%	0.8%	0.7%	0.3%	0.4%

Licensee Comments:

1Q/01: 40.3 fault exposure hours for C AFW identified in 2Q 2001 to have occurred in 1Q 2001.

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
Train 1							
Planned unavailable hours		2.00	2.00	45.10	61.90	28.50	22.00
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		1885.10	2184.00	2183.00	2208.00	2209.00	2160.00
Train 2							
Planned unavailable hours		1.90	3.20	37.60	53.90	21.40	29.50
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		1885.10	2184.00	2183.00	2208.00	2209.00	2160.00
Train 3							
Planned unavailable hours		0	0	0	0	0	0
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		304.60	0	0	0	0	0
Train 4							
Planned unavailable hours		0	0	0	0	0	0
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		304.60	0	0	0	0	0

Indicator value	0.5%	0.5%	0.5%	0.7%	0.7%	0.6%
-----------------	------	------	------	------	------	------

Licensee Comments:

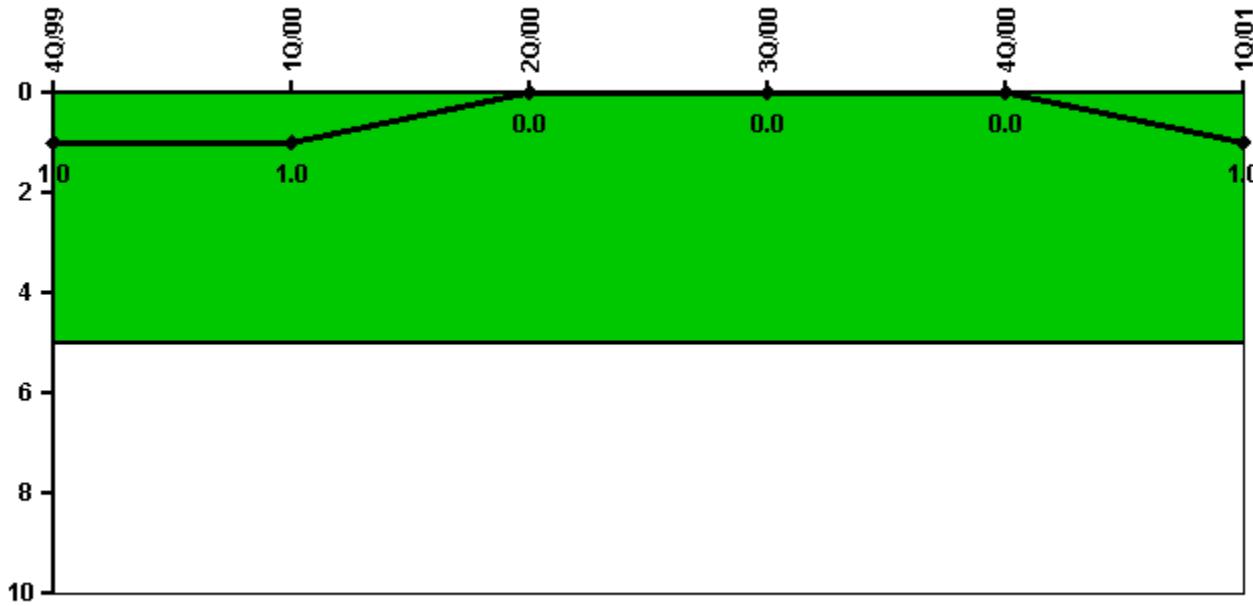
4Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

3Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

2Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

1Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

Safety System Functional Failures (PWR)



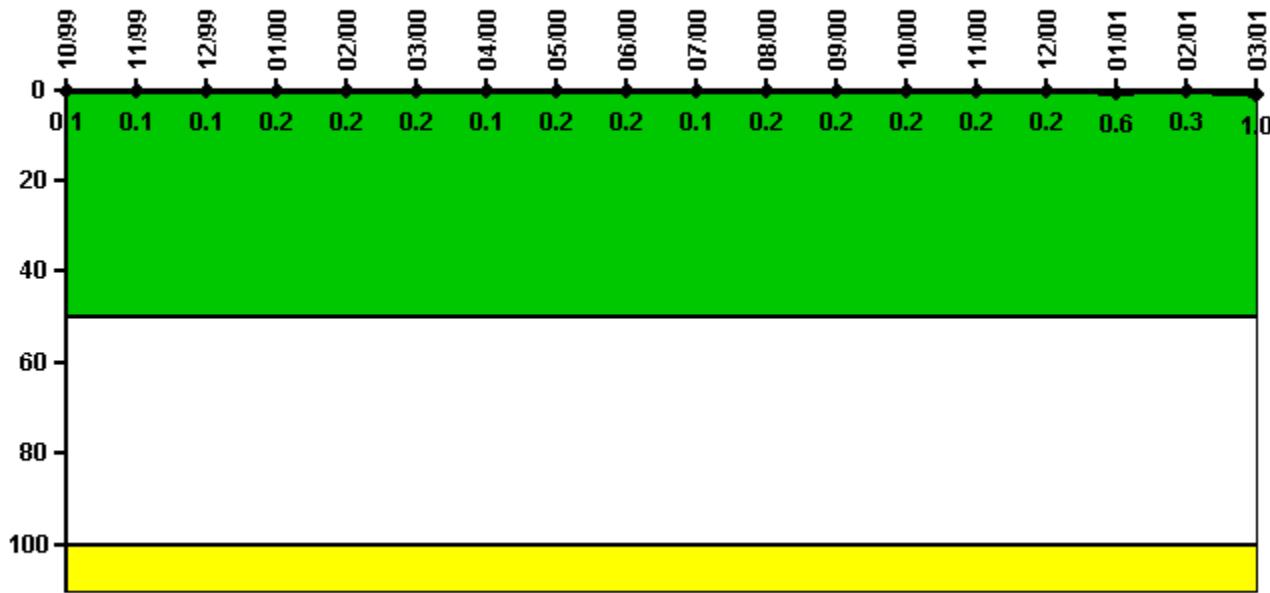
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

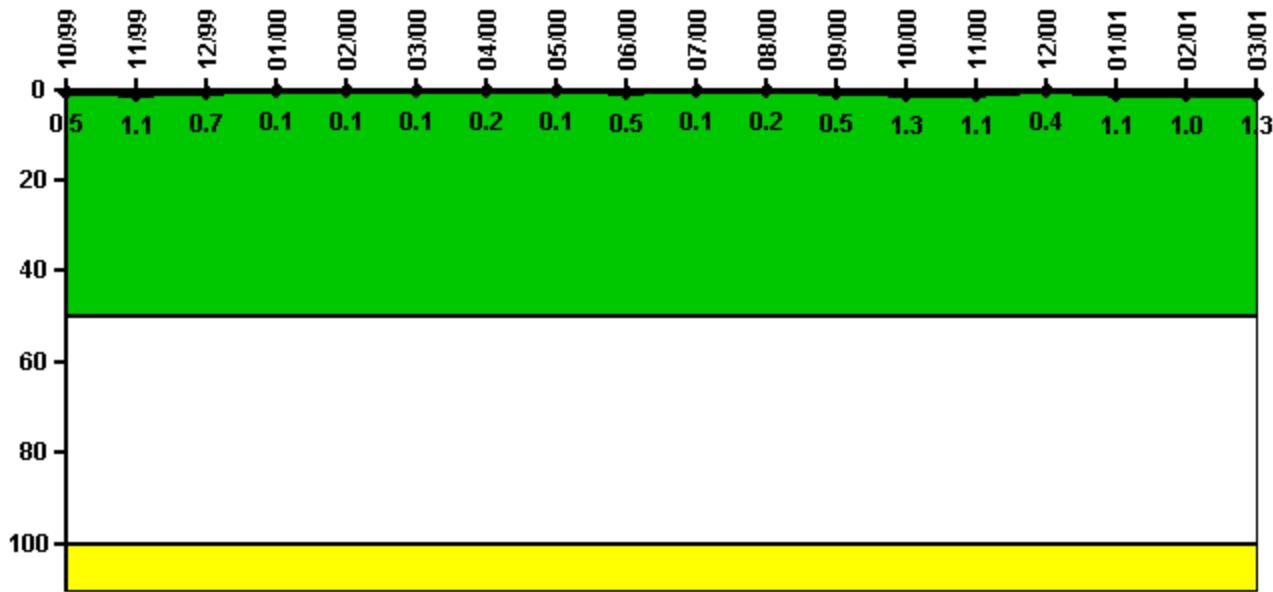
Notes

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	0.001400	0.001000	0.001000	0.001880	0.002270	0.001670	0.001400	0.001500	0.001530	0.001450	0.002110	0.001560
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.2	0.2	0.1	0.2	0.2

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01
Maximum activity	0.001790	0.001800	0.001760	0.005530	0.003090	0.010100
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.2	0.2	0.2	0.6	0.3	1.0

Licensee Comments: none

Reactor Coolant System Leakage



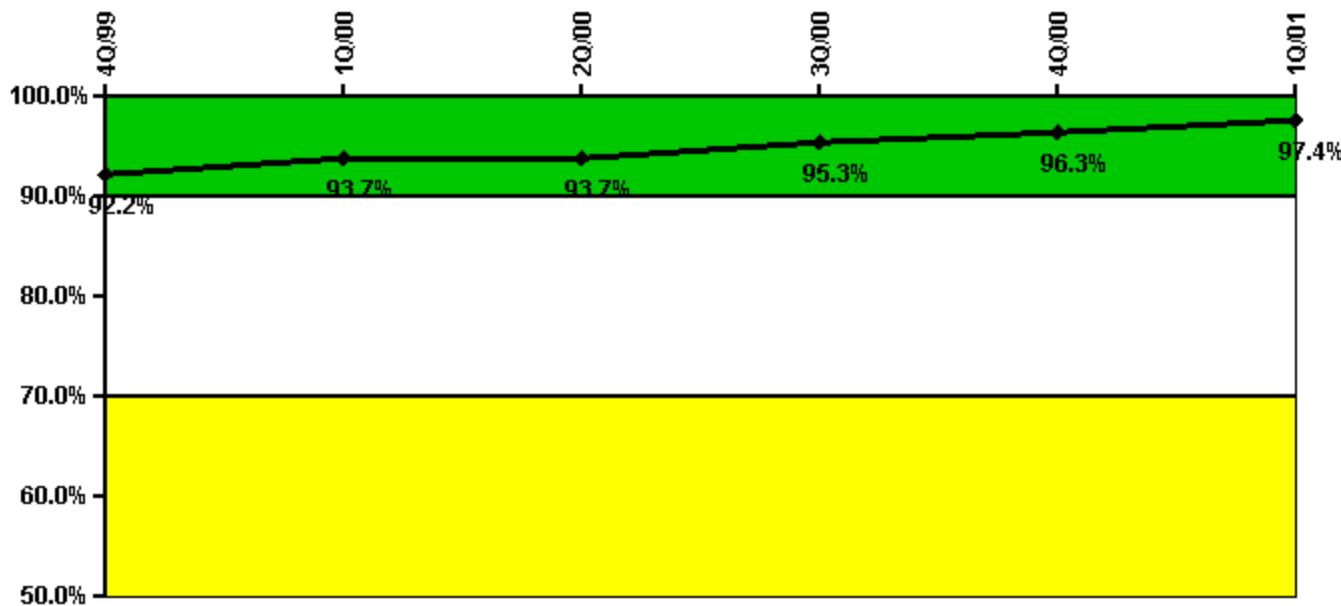
Thresholds: White > 50.0 Yellow > 100.0

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	0.050	0.110	0.070	0.010	0.010	0.010	0.020	0.010	0.050	0.010	0.020	0.050
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	1.1	0.7	0.1	0.1	0.1	0.2	0.1	0.5	0.1	0.2	0.5

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01
Maximum leakage	0.130	0.110	0.040	0.110	0.100	0.130
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.3	1.1	0.4	1.1	1.0	1.3

Licensee Comments: none

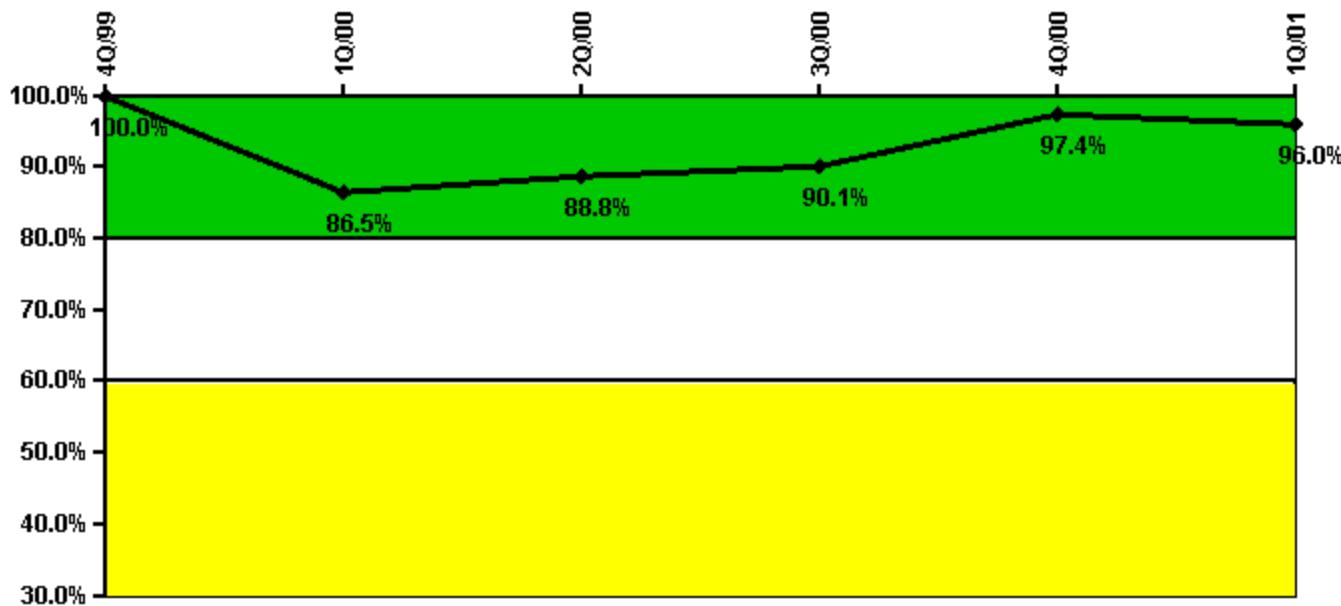
Drill/Exercise Performance

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	98.0	26.0	8.0	65.0	127.0	8.0
Total opportunities	100.0	27.0	9.0	65.0	130.0	8.0
Indicator value	92.2%	93.7%	93.7%	95.3%	96.3%	97.4%

Licensee Comments: none

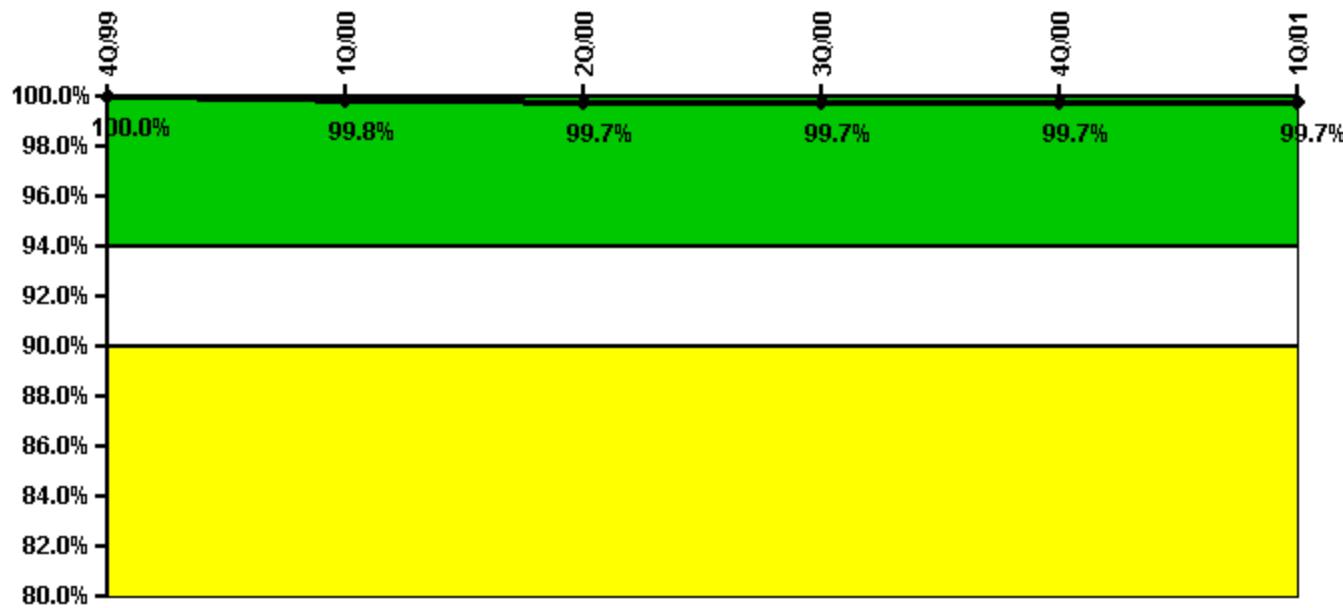
ERO Drill Participation

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	85.0	77.0	71.0	73.0	75.0	72.0
Total Key personnel	85.0	89.0	80.0	81.0	77.0	75.0
Indicator value	100.0%	86.5%	88.8%	90.1%	97.4%	96.0%

Licensee Comments: none

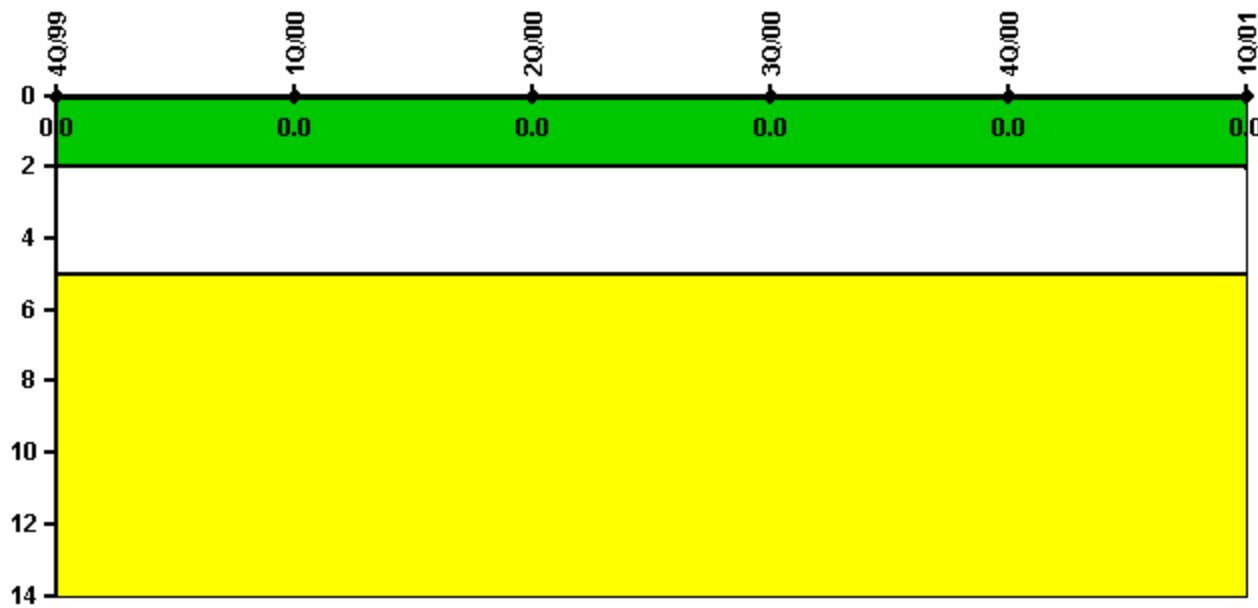
Alert & Notification System

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	696	606	519	694	522	607
Total sirens-tests	696	609	522	696	522	609
Indicator value	100.0%	99.8%	99.7%	99.7%	99.7%	99.7%

Licensee Comments: none

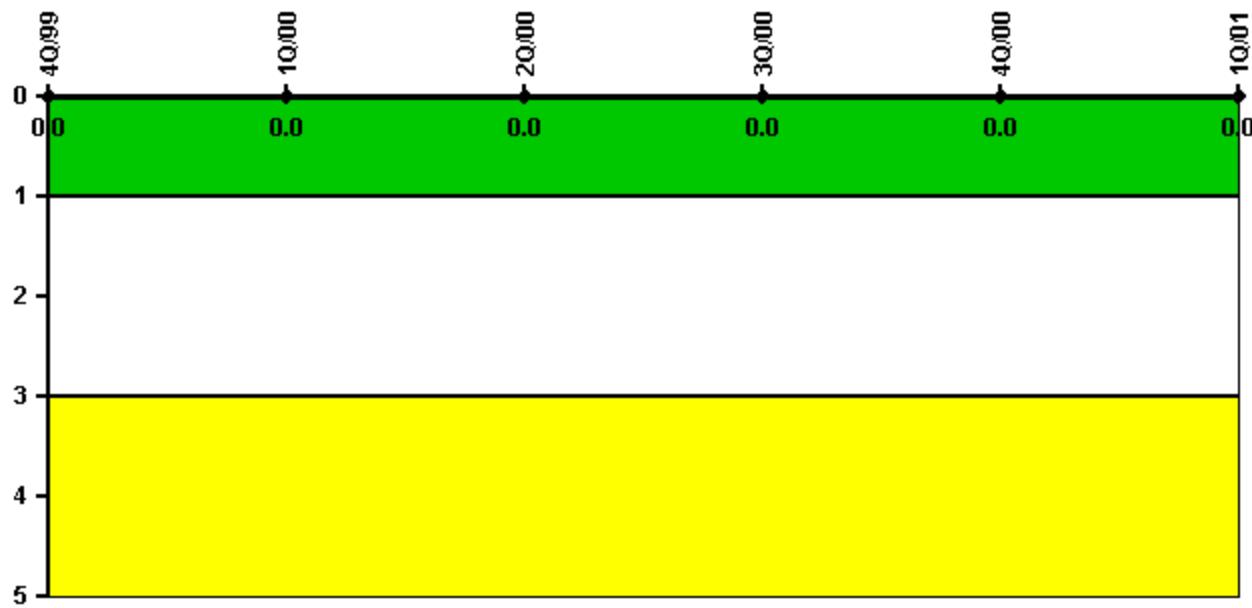
Occupational Exposure Control Effectiveness

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	0	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
Indicator value	0	0	0	0	0	0

Licensee Comments: none

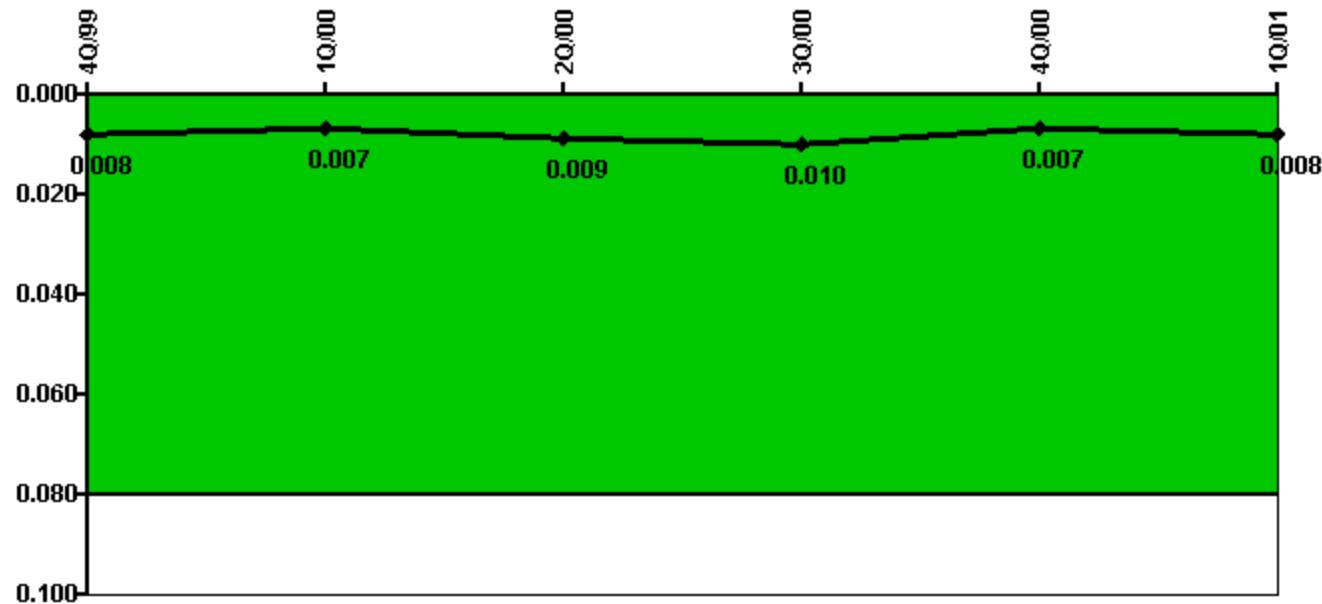
RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	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

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	1Q/01
IDS compensatory hours	112.10	0	99.00	106.00	25.60	12.75
CCTV compensatory hours	0	0	1.5	0	0	0
IDS normalization factor	1.80	1.80	1.80	1.80	1.80	1.80
CCTV normalization factor	1.5	1.5	1.5	1.5	1.5	1.5
Index Value	0.008	0.007	0.009	0.010	0.007	0.008

Licensee Comments: none

Personnel Screening Program

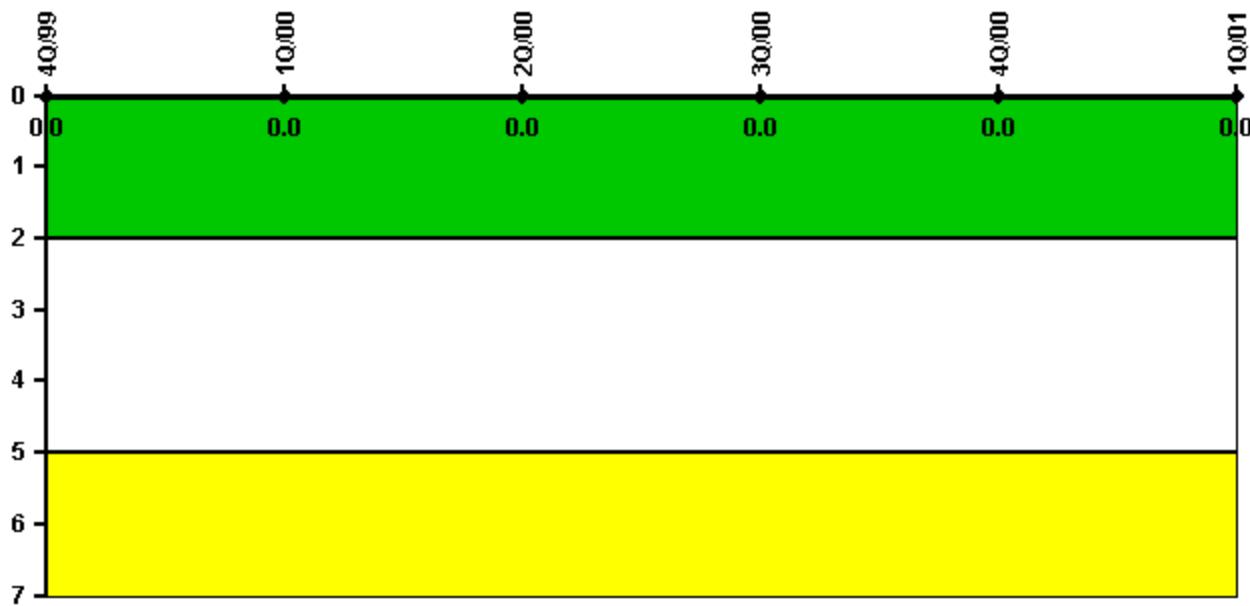


Thresholds: White > 2.0 Yellow > 5.0

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

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

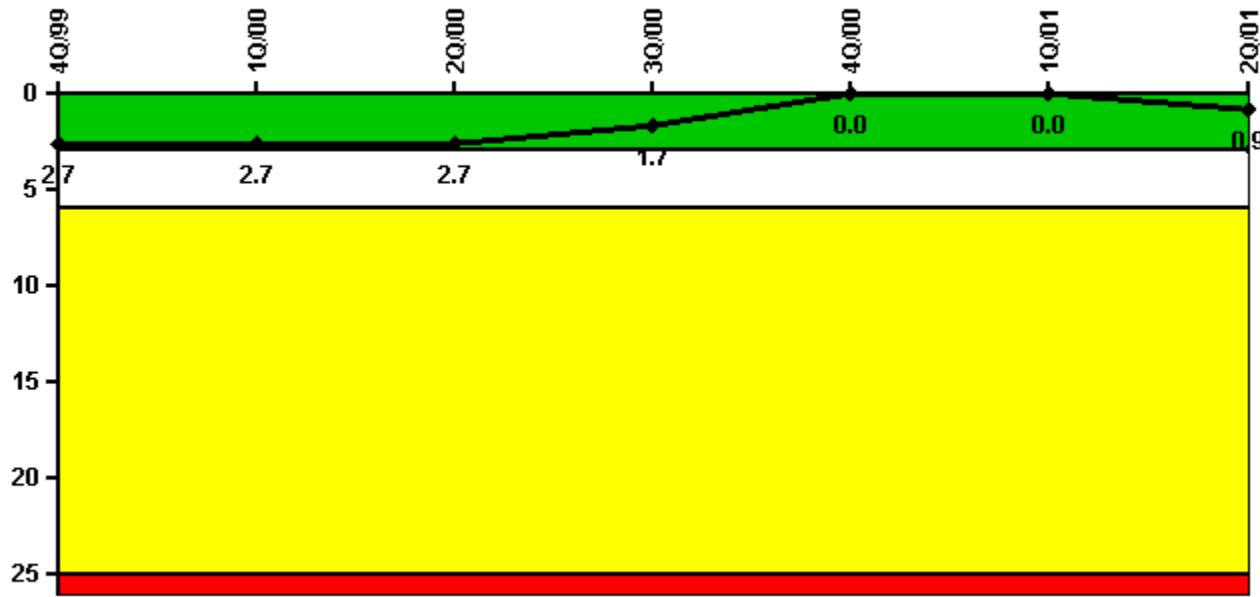


[PI Summary](#) | [Inspection Findings Summary](#) | [Action Matrix Summary](#) | [Reactor Oversight Process](#)

Last Modified: March 28, 2002

Saint Lucie 1**2Q/2001 Performance Indicators**

Licensee's General Comments: none

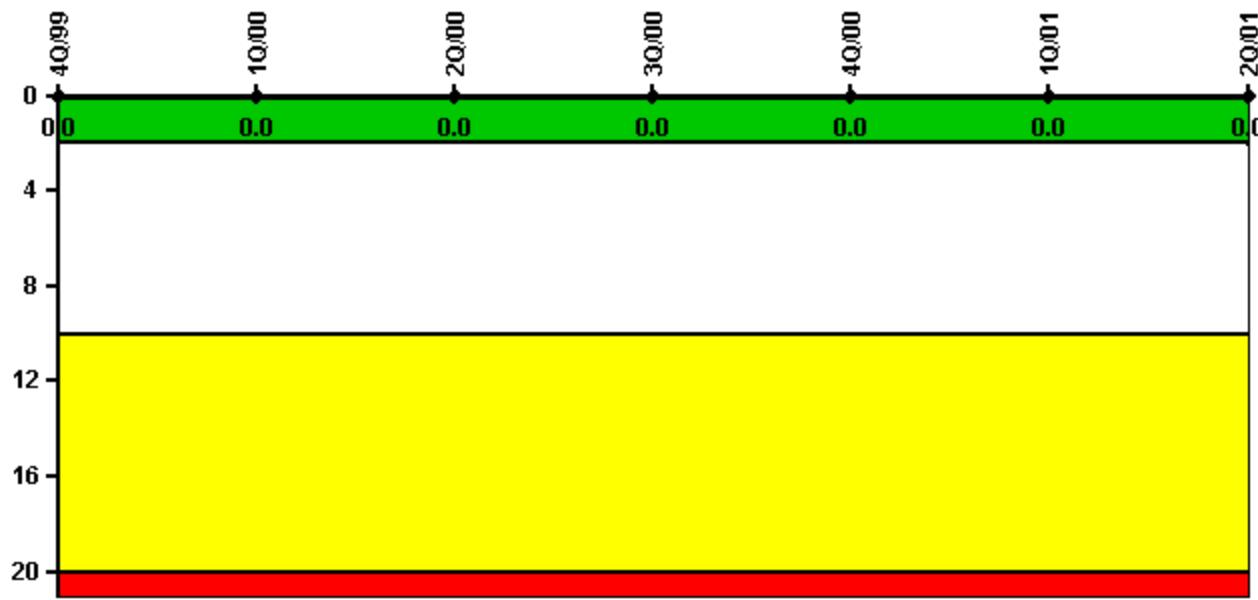
Unplanned Scrams per 7000 Critical Hrs

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Unplanned scrams	2.0	0	0	0	0	0	1.0
Critical hours	1800.0	2184.0	2183.0	2208.0	2209.0	2160.0	1505.2
Indicator value	2.7	2.7	2.7	1.7	0	0	0.9

Licensee Comments: none

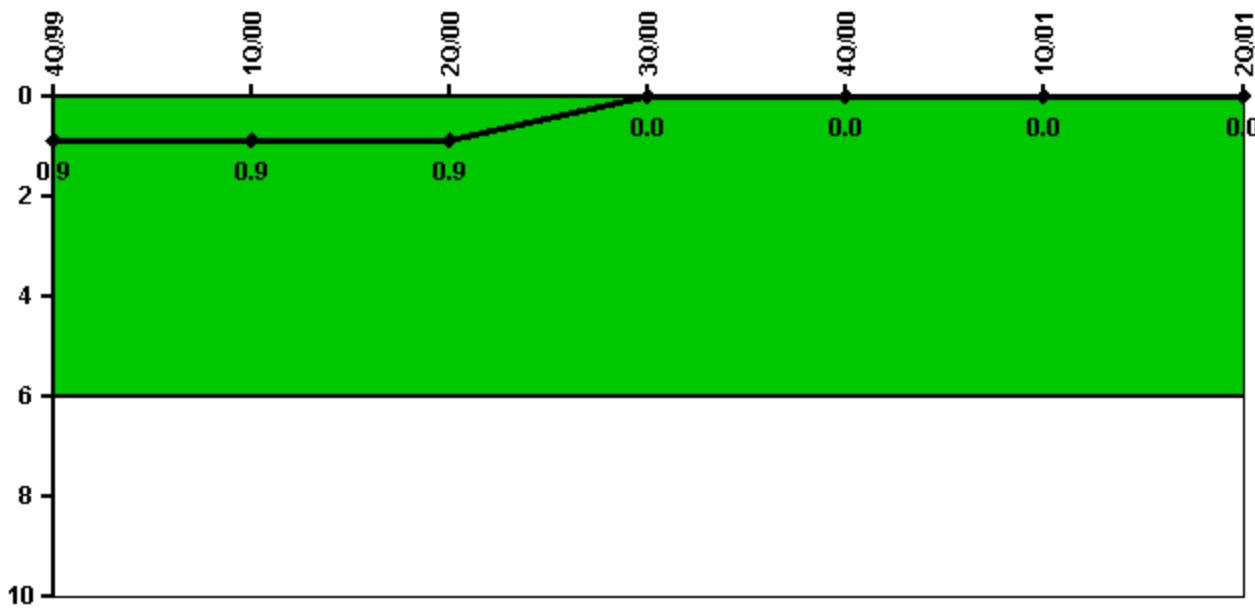
Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	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

Unplanned Power Changes per 7000 Critical Hrs

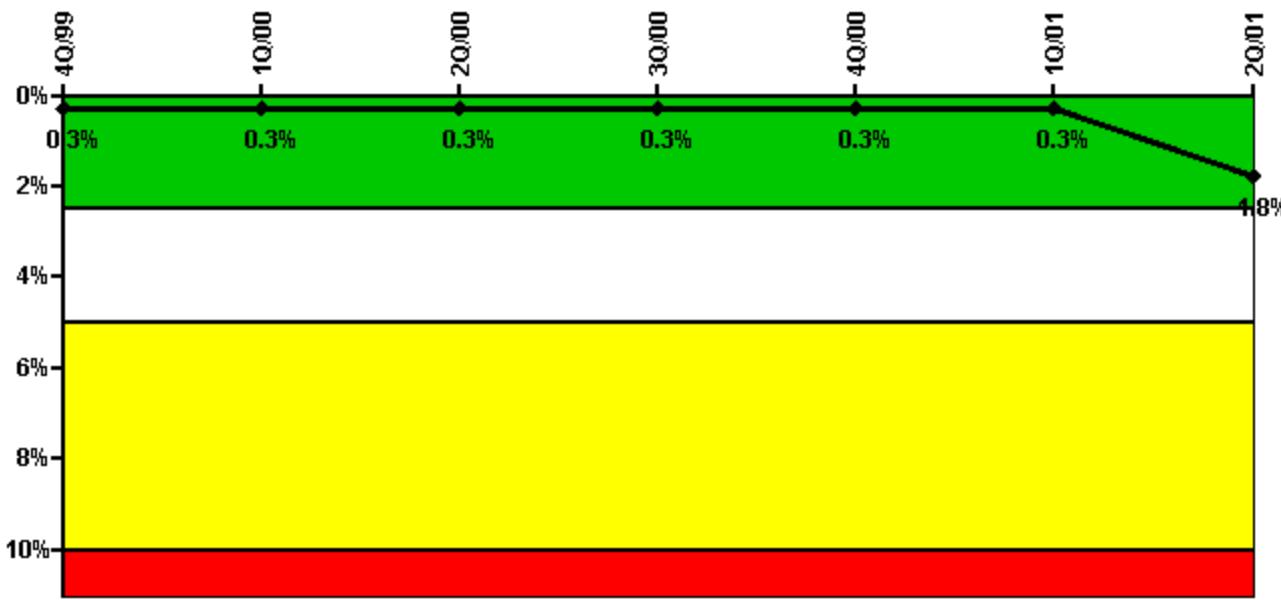
Thresholds: White > 6.0

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	0	0	0	0	0	0	0
Critical hours	1800.0	2184.0	2183.0	2208.0	2209.0	2160.0	1505.2
Indicator value	0.9	0.9	0.9	0	0	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



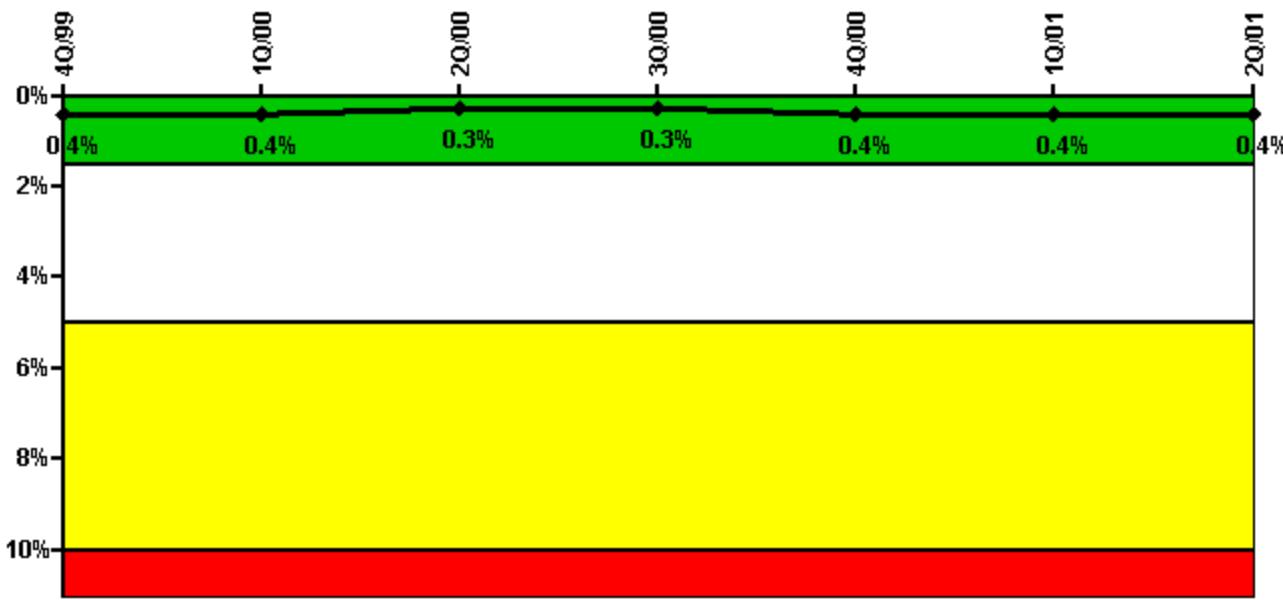
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	0	3.00	4.20	6.90	2.90	8.10	3.00
Unplanned unavailable hours	18.30	0	9.70	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	2066.80	2184.00	2183.00	2208.00	2209.00	2160.00	1945.60
Train 2							
Planned unavailable hours	0	5.20	4.00	3.90	4.10	3.90	0
Unplanned unavailable hours	0	0	0	0	0	0	190.00
Fault exposure hours	0	0	0	0	0	0	555.00
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2066.80	2184.00	2183.00	2208.00	2209.00	2160.00	1945.60
Indicator value	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	1.8%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



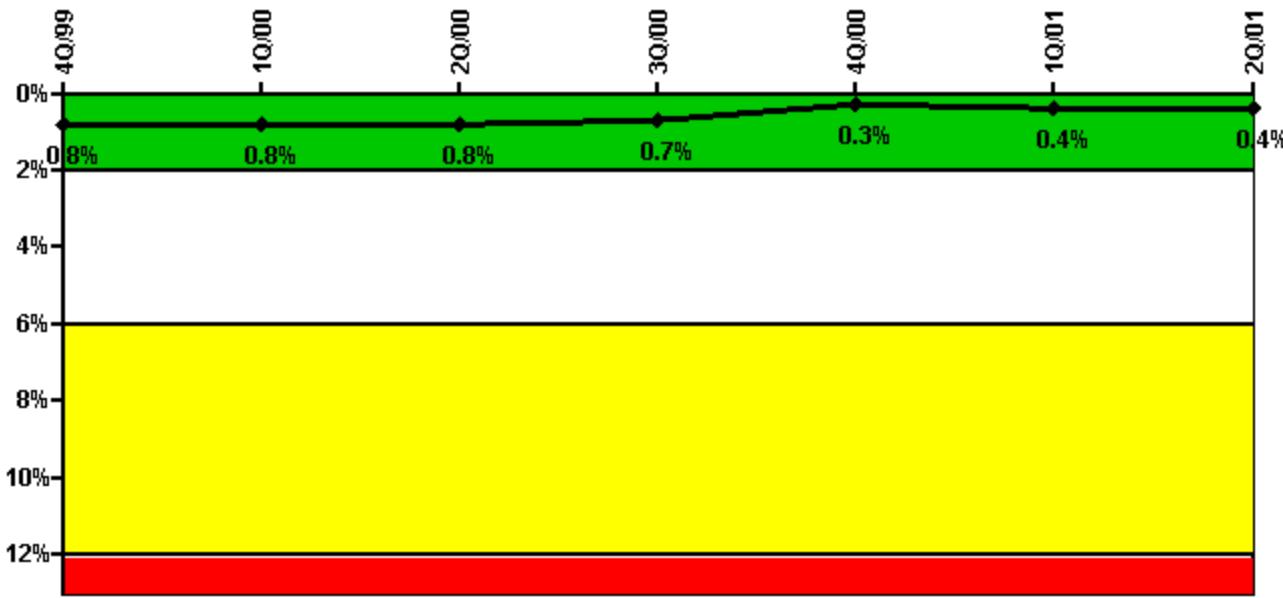
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	0.90	1.90	3.20	1.60	24.30	1.00	0.50
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	1773.00	2184.00	2183.00	2208.00	2209.00	2160.00	1706.20
Train 2							
Planned unavailable hours	0.80	3.20	0.70	0.40	35.80	6.60	0.80
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	1773.00	2184.00	2183.00	2208.00	2209.00	2160.00	1706.20
Indicator value	0.4%	0.4%	0.3%	0.3%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

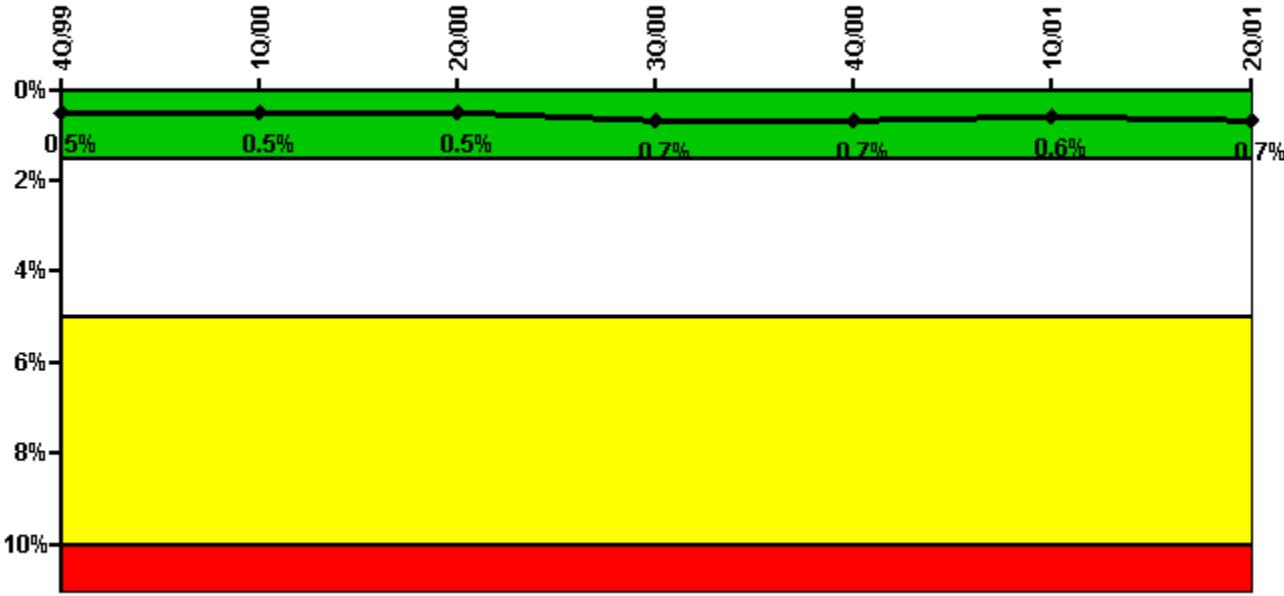
Safety System Unavailability, Heat Removal System (AFW)		4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1								
Planned unavailable hours		0	35.10	0	0	2.90	2.30	1.40
Unplanned unavailable hours		0	0	0	0	0	0	0
Fault exposure hours		0	0	0	0	0	0	0
Effective Reset hours		0	0	0	0	0	0	0
Required hours		1800.00	2184.00	2183.00	2208.00	2209.00	2160.00	1606.00
Train 2								
Planned unavailable hours		0	4.80	0	0	1.80	3.00	0.60
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		1800.00	2184.00	2183.00	2208.00	2209.00	2160.00	1606.00
Train 3								
Planned unavailable hours		7.00	17.30	0	1.37	16.20	32.60	0.80
Unplanned unavailable hours		0	0	0	0	0	0	1.70
Fault exposure hours		0	0	0	0	0	40.30	25.70
Effective Reset hours		0	0	0	0	0	0	0
Required hours		1800.00	2184.00	2183.00	2208.00	2209.00	2160.00	1606.00
Indicator value		0.8%	0.8%	0.8%	0.7%	0.3%	0.4%	0.4%

Licensee Comments:

2Q/01: Fault on C AFW occurring in 2Q2001 resulted in 40.3 exposure hours in 1Q2001. Data changed for 1Q2001 data.

1Q/01: 40.3 fault exposure hours for C AFW identified in 2Q 2001 to have occurred in 1Q 2001.

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
Train 1							
Planned unavailable hours	2.00	2.00	45.10	61.90	28.50	22.00	45.00
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	1885.10	2184.00	2183.00	2208.00	2209.00	2160.00	1578.00
Train 2							
Planned unavailable hours	1.90	3.20	37.60	53.90	21.40	29.50	10.90
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	1885.10	2184.00	2183.00	2208.00	2209.00	2160.00	1578.00
Train 3							
Planned unavailable hours	0	0	0	0	0	0	4.70
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	304.60	0	0	0	0	0	578.30
Train 4							
Planned unavailable hours	0	0	0	0	0	0	0
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	304.60	0	0	0	0	0	578.30

Indicator value	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Indicator value	0.5%	0.5%	0.5%	0.7%	0.7%	0.6%	0.7%

Licensee Comments:

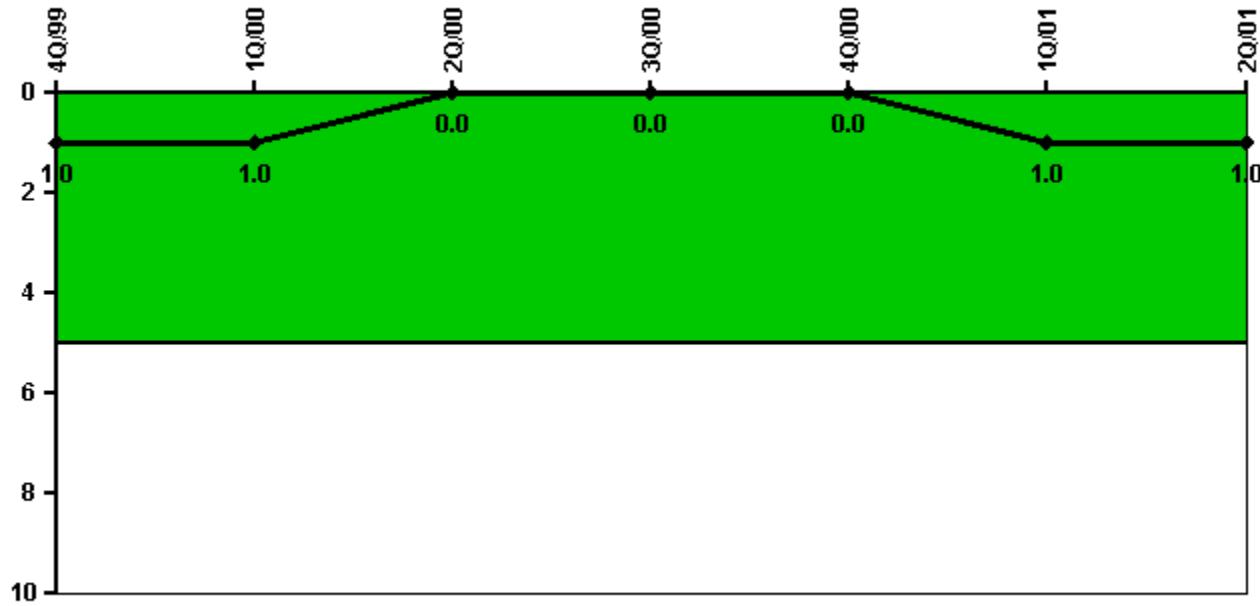
4Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

3Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

2Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

1Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

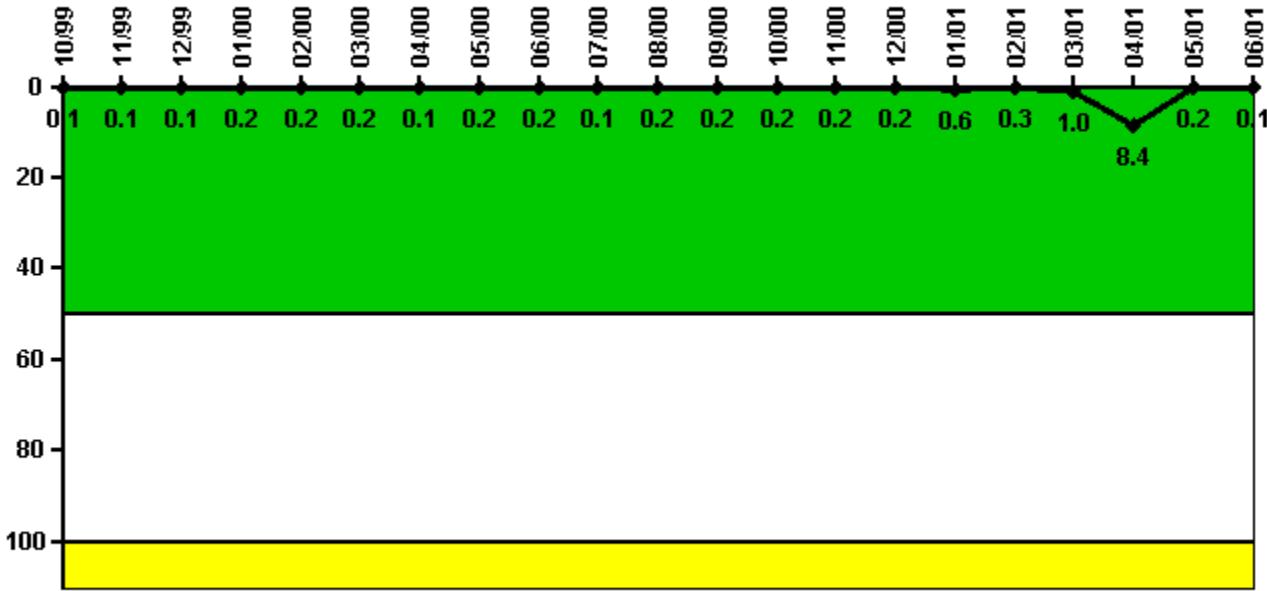
Notes

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

Licensee Comments:

2Q/01: Correction - A single train (of a multiple train system) failure was incorrectly reported as a SSFF. There were no SSFFs Q2 2001.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

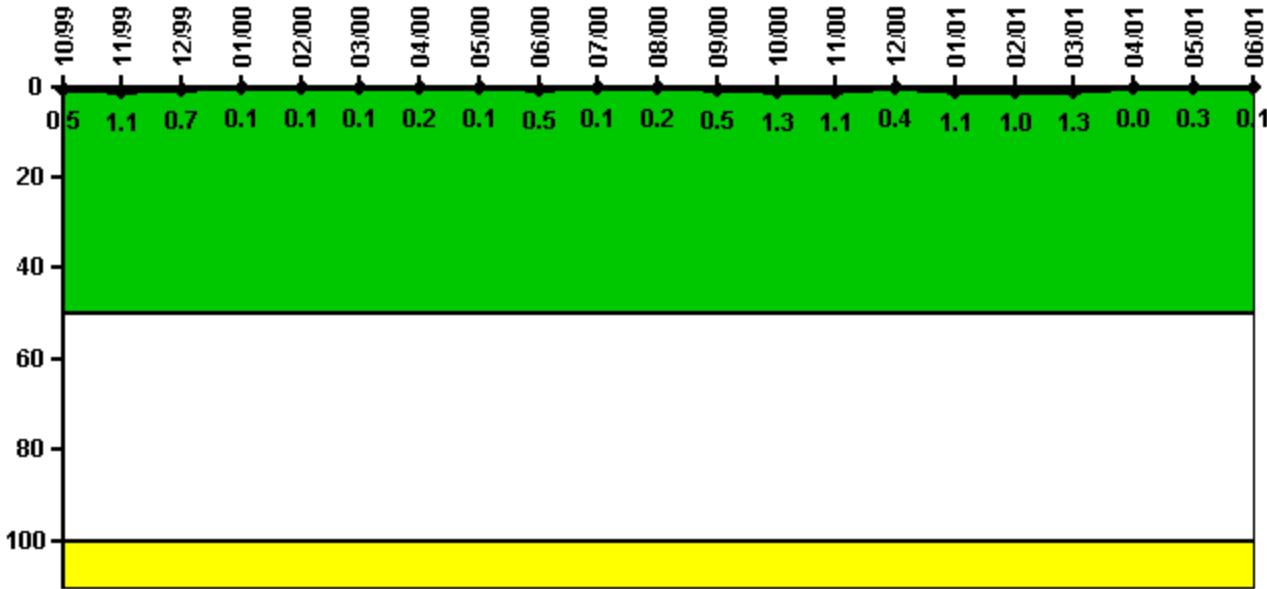
Notes

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	0.001400	0.001000	0.001000	0.001880	0.002270	0.001670	0.001400	0.001500	0.001530	0.001450	0.002110	0.001560
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.2	0.2	0.1	0.2	0.2

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum activity	0.001790	0.001800	0.001760	0.005530	0.003090	0.010100	0.083700	0.001870	0.001260
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.2	0.2	0.2	0.6	0.3	1.0	8.4	0.2	0.1

Licensee Comments: none

Reactor Coolant System Leakage



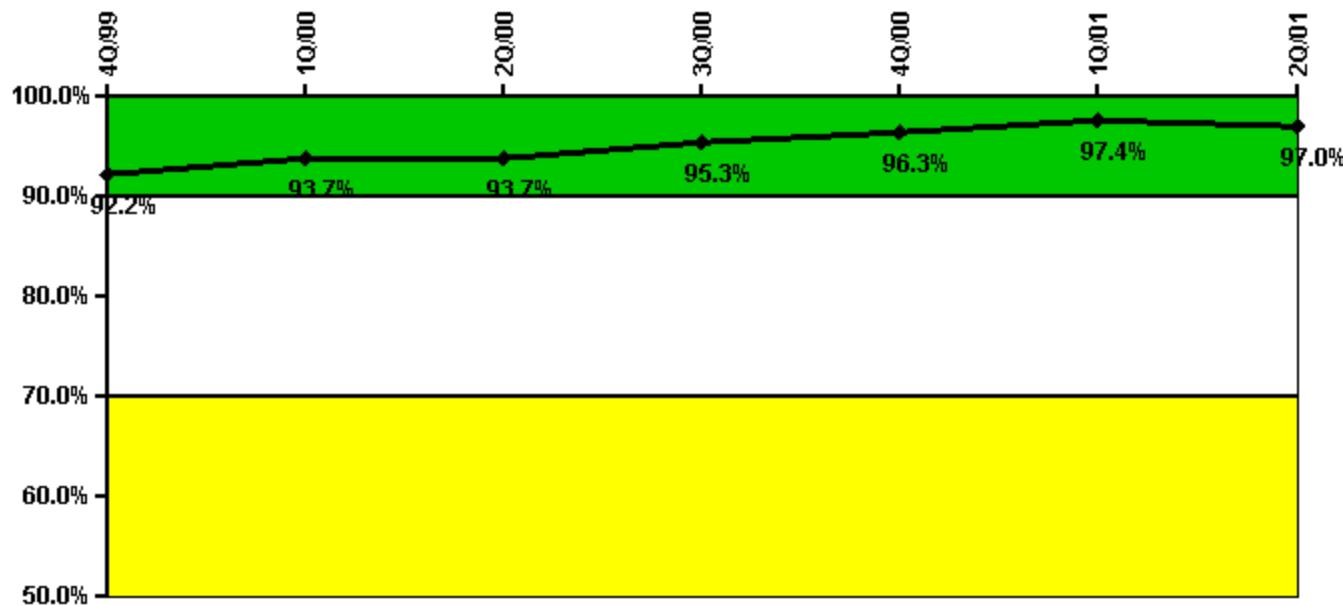
Thresholds: White > 50.0 Yellow > 100.0

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	0.050	0.110	0.070	0.010	0.010	0.010	0.020	0.010	0.050	0.010	0.020	0.050
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	1.1	0.7	0.1	0.1	0.1	0.2	0.1	0.5	0.1	0.2	0.5

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum leakage	0.130	0.110	0.040	0.110	0.100	0.130	0	0.030	0.010
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.3	1.1	0.4	1.1	1.0	1.3	0	0.3	0.1

Licensee Comments: none

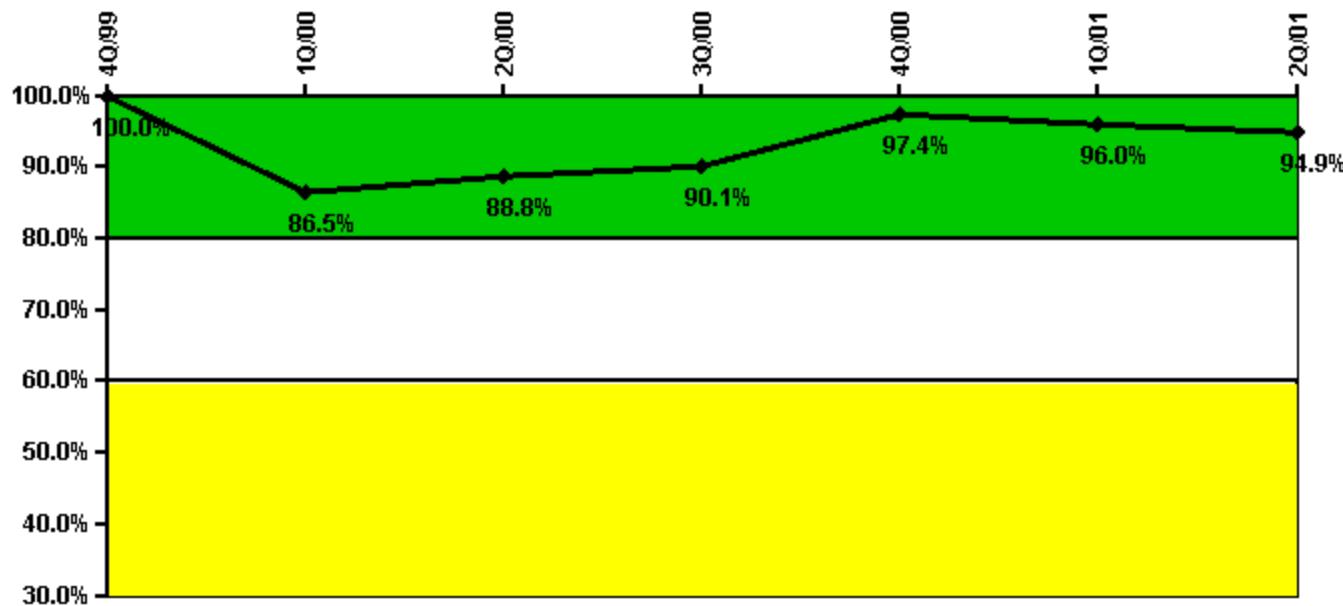
Drill/Exercise Performance

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	98.0	26.0	8.0	65.0	127.0	8.0	37.0
Total opportunities	100.0	27.0	9.0	65.0	130.0	8.0	41.0
Indicator value	92.2%	93.7%	93.7%	95.3%	96.3%	97.4%	97.0%

Licensee Comments: none

ERO Drill Participation

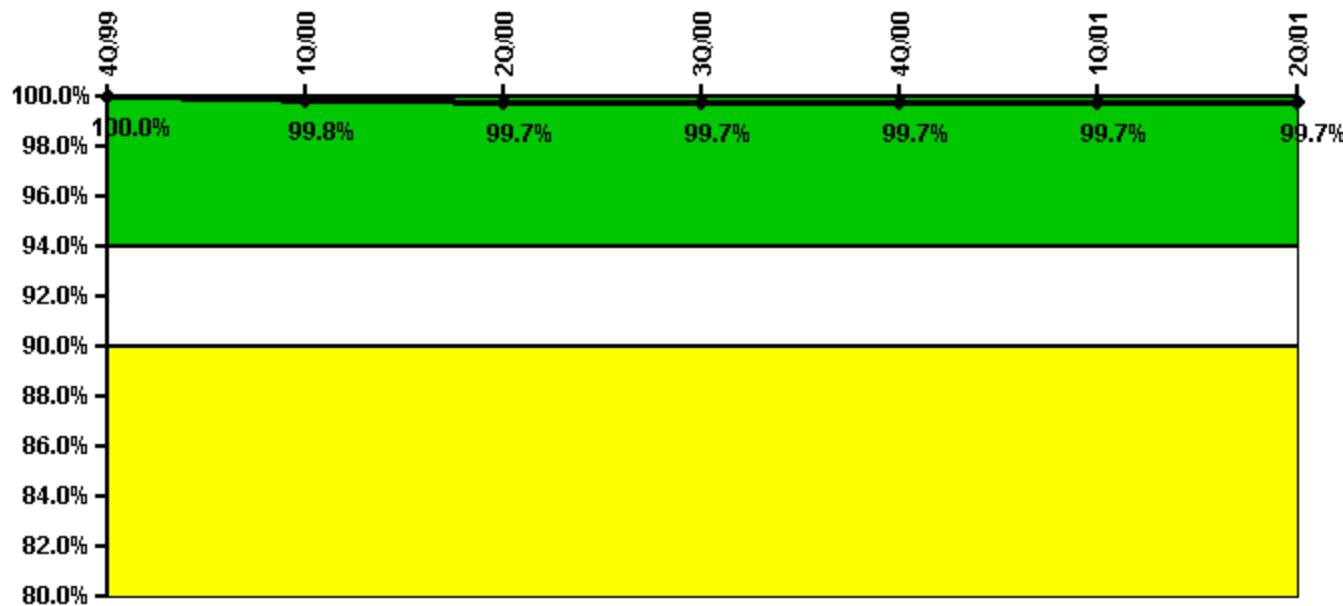
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Participating Key personnel	85.0	77.0	71.0	73.0	75.0	72.0	75.0
Total Key personnel	85.0	89.0	80.0	81.0	77.0	75.0	79.0
Indicator value	100.0%	86.5%	88.8%	90.1%	97.4%	96.0%	94.9%

Licensee Comments: none

Alert & Notification System

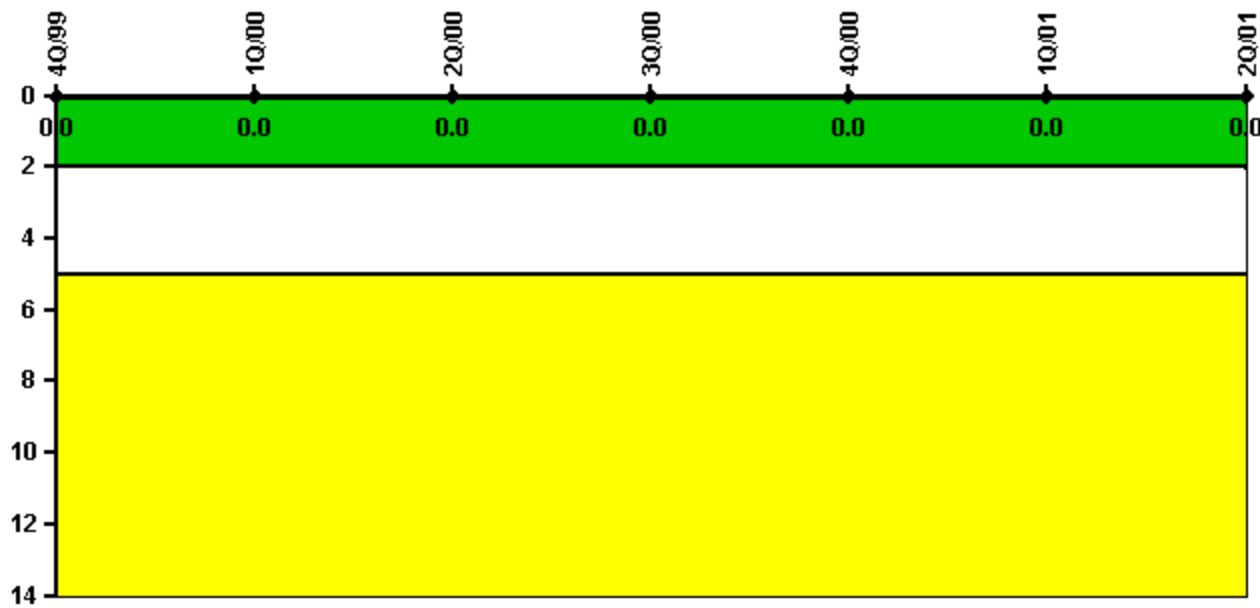


Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Successful siren-tests	696	606	519	694	522	607	521
Total sirens-tests	696	609	522	696	522	609	523
Indicator value	100.0%	99.8%	99.7%	99.7%	99.7%	99.7%	99.7%

Licensee Comments: none

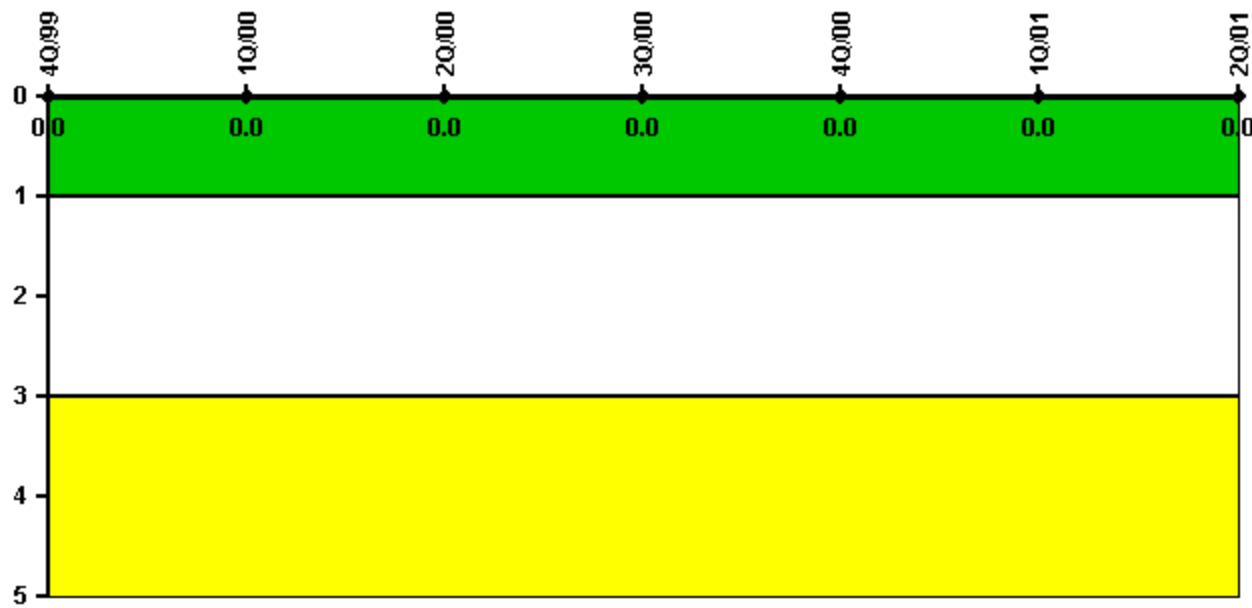
Occupational Exposure Control Effectiveness

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	0	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
Indicator value	0						

Licensee Comments: none

RETS/ODCM Radiological Effluent

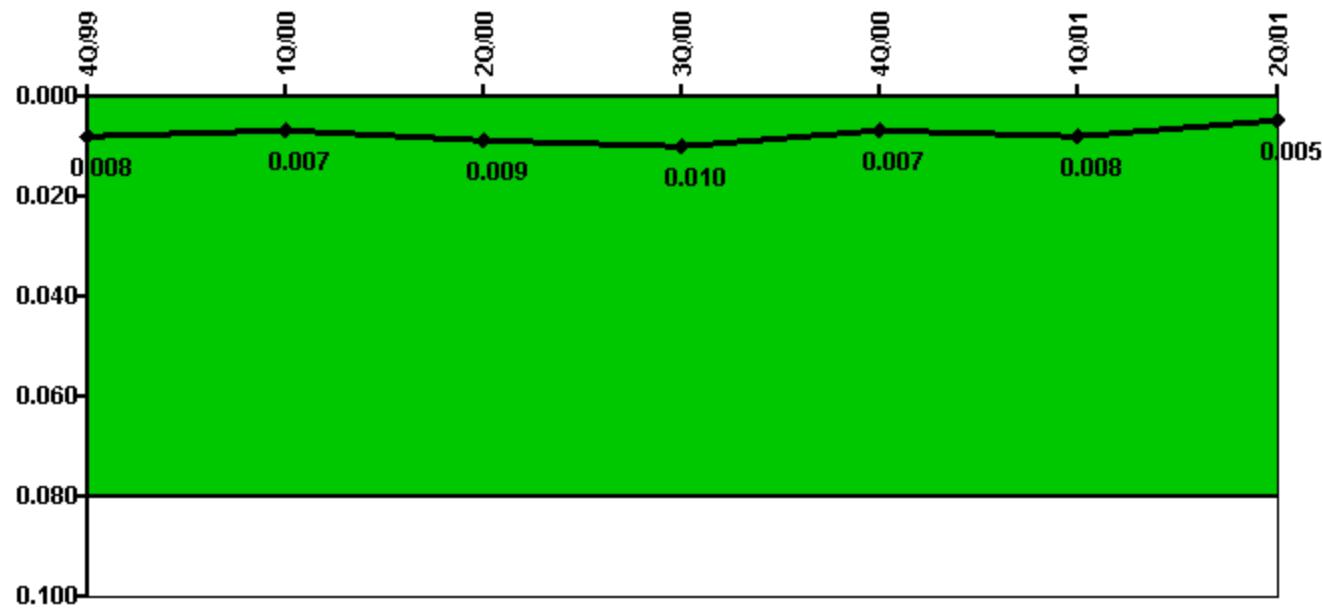
Thresholds: White > 1.0 Yellow > 3.0

Notes

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

Licensee Comments: none

Protected Area Security Performance Index



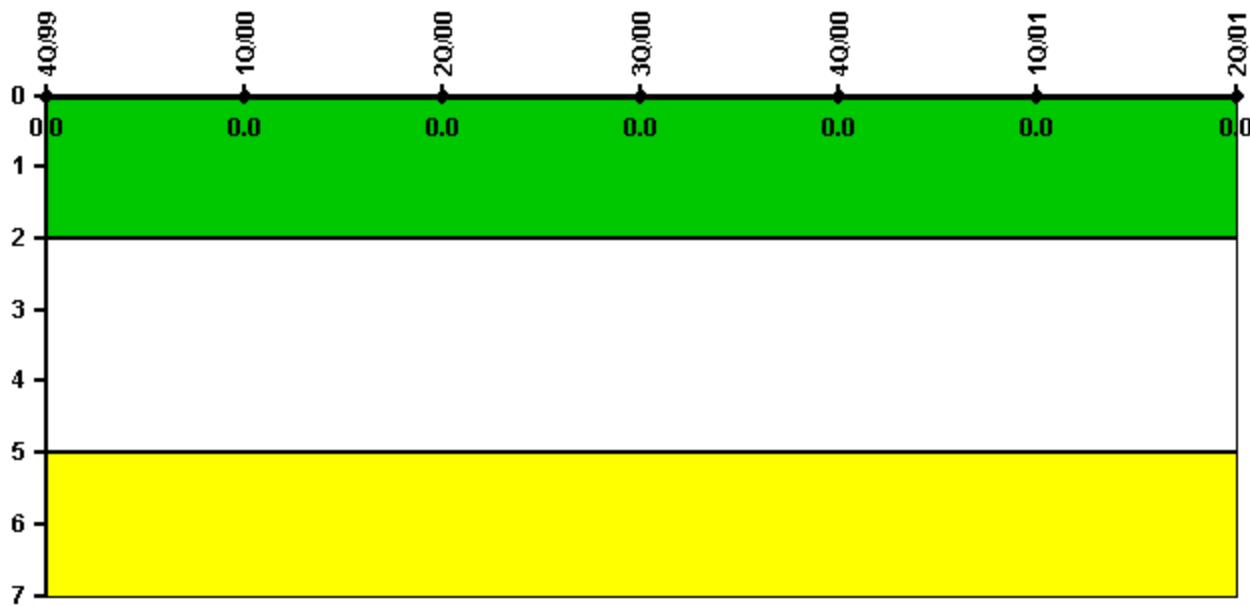
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
IDS compensatory hours	112.10	0	99.00	106.00	25.60	12.75	0
CCTV compensatory hours	0	0	1.5	0	0	0	0
IDS normalization factor	1.80	1.80	1.80	1.80	1.80	1.80	1.80
CCTV normalization factor	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Index Value	0.008	0.007	0.009	0.010	0.007	0.008	0.005

Licensee Comments: none

Personnel Screening Program

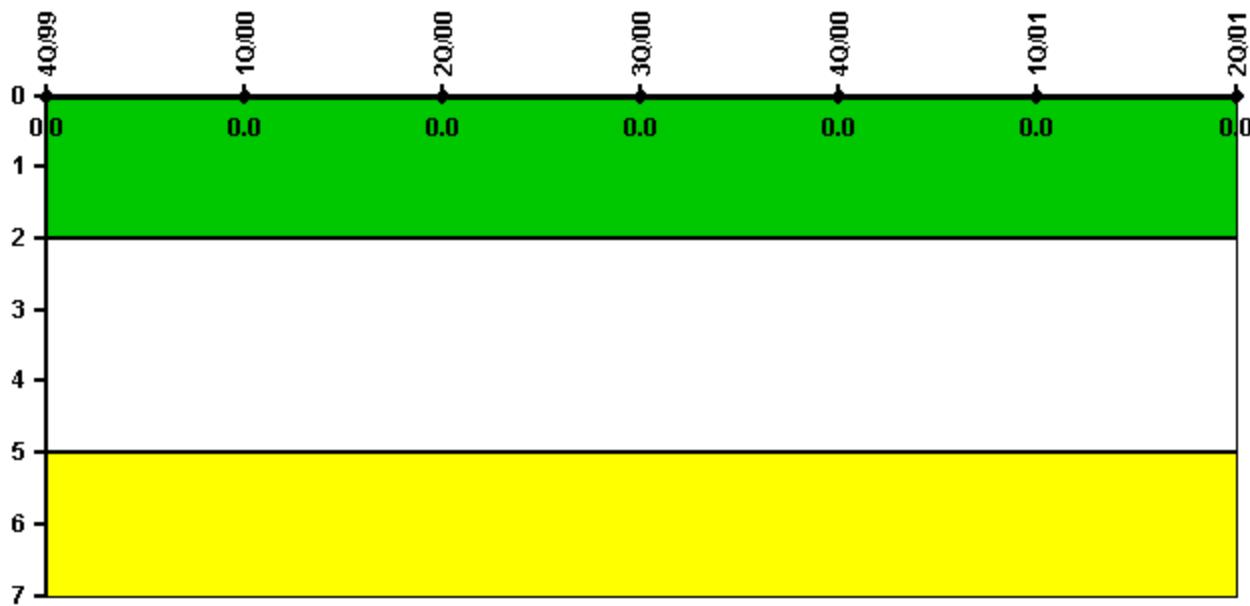


Thresholds: White > 2.0 Yellow > 5.0

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

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

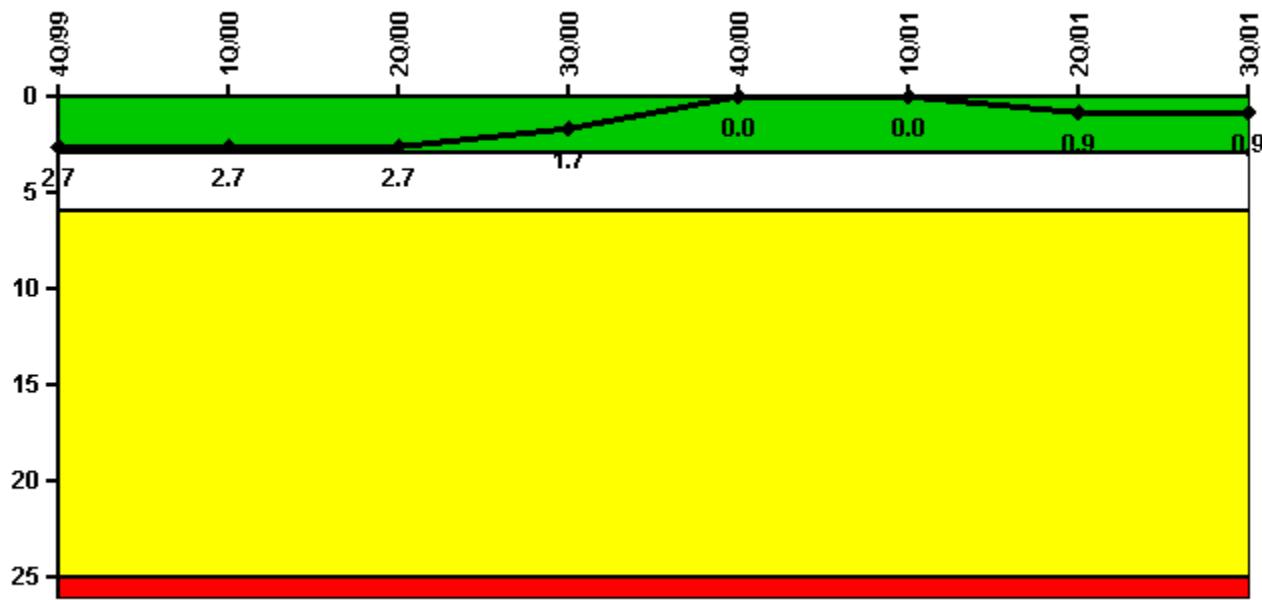


[PI Summary](#) | [Inspection Findings Summary](#) | [Action Matrix Summary](#) | [Reactor Oversight Process](#)

Last Modified: March 27, 2002

Saint Lucie 1**3Q/2001 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/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Unplanned scrams	2.0	0	0	0	0	0	1.0	0
Critical hours	1800.0	2184.0	2183.0	2208.0	2209.0	2160.0	1505.2	2208.0
Indicator value	2.7	2.7	2.7	1.7	0	0	0.9	0.9

Licensee Comments: none

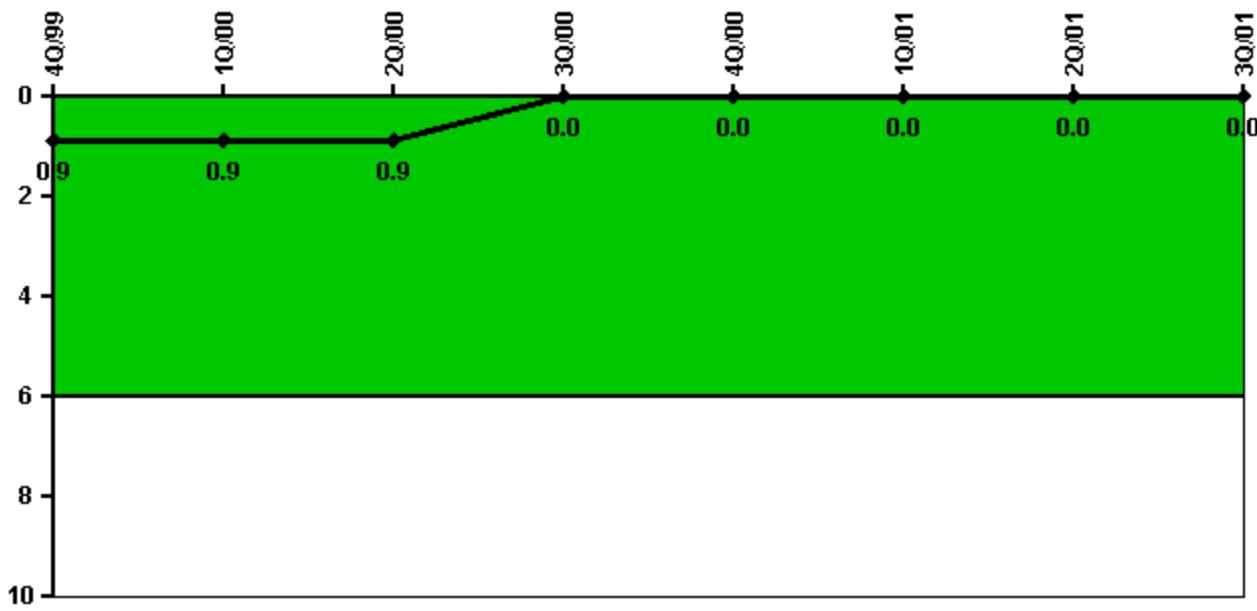
Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	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

Unplanned Power Changes per 7000 Critical Hrs

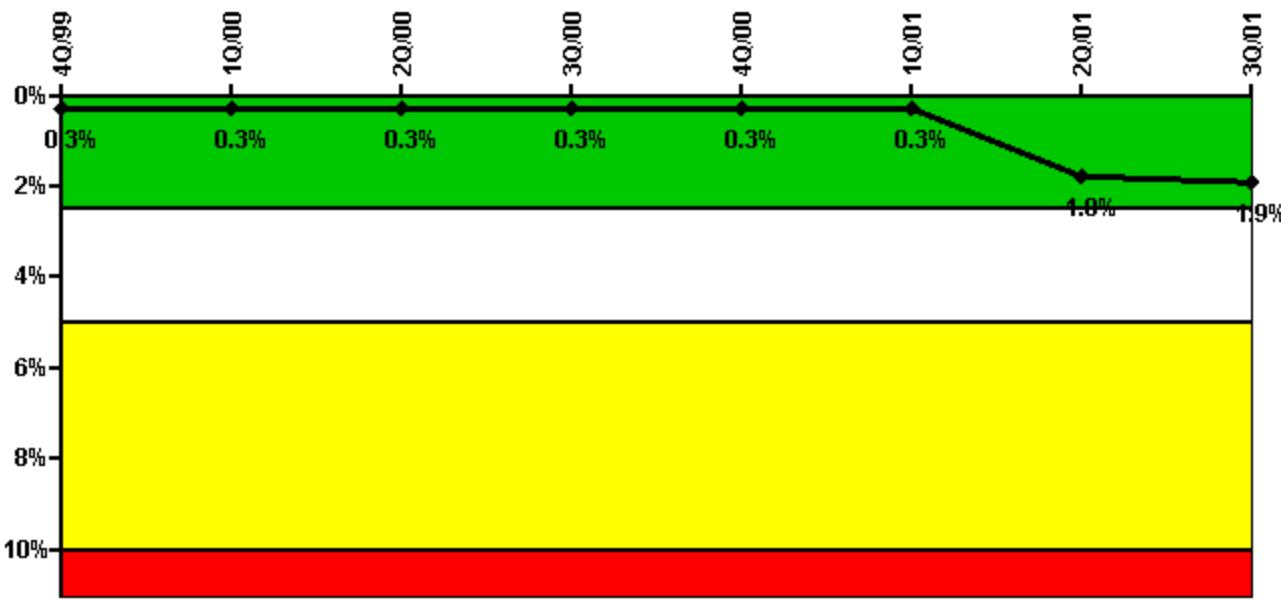
Thresholds: White > 6.0

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	0	0	0	0	0	0	0	0
Critical hours	1800.0	2184.0	2183.0	2208.0	2209.0	2160.0	1505.2	2208.0
Indicator value	0.9	0.9	0.9	0	0	0	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



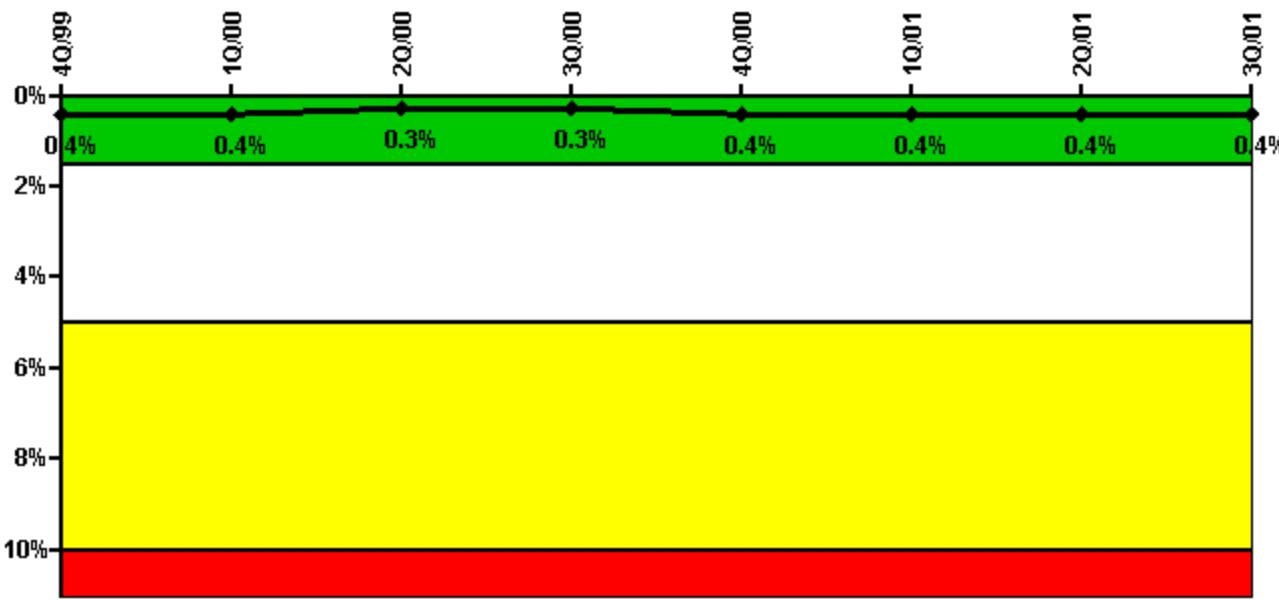
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1								
Planned unavailable hours	0	3.00	4.20	6.90	2.90	8.10	3.00	51.70
Unplanned unavailable hours	18.30	0	9.70	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	2066.80	2184.00	2183.00	2208.00	2209.00	2160.00	1945.60	2208.00
Train 2								
Planned unavailable hours	0	5.20	4.00	3.90	4.10	3.90	0	4.60
Unplanned unavailable hours	0	0	0	0	0	0	190.00	0
Fault exposure hours	0	0	0	0	0	0	555.00	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2066.80	2184.00	2183.00	2208.00	2209.00	2160.00	1945.60	2208.00
Indicator value	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	1.8%	1.9%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



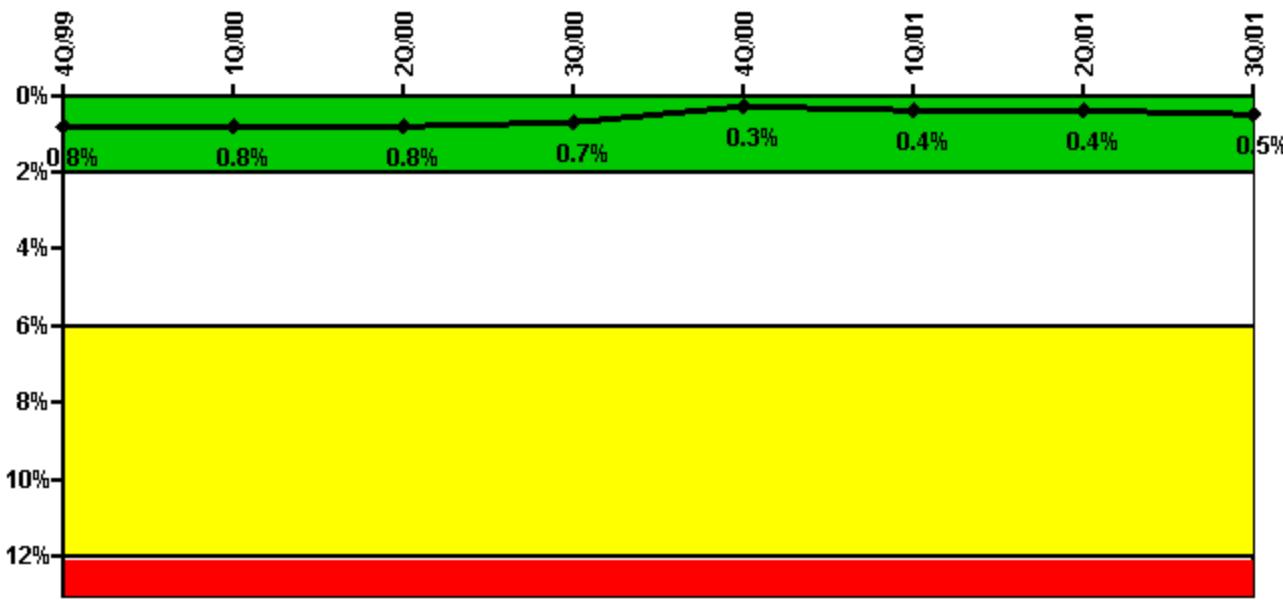
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1								
Planned unavailable hours	0.90	1.90	3.20	1.60	24.30	1.00	0.50	0.40
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	1773.00	2184.00	2183.00	2208.00	2209.00	2160.00	1706.20	2208.00
Train 2								
Planned unavailable hours	0.80	3.20	0.70	0.40	35.80	6.60	0.80	12.60
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	1773.00	2184.00	2183.00	2208.00	2209.00	2160.00	1706.20	2208.00
Indicator value	0.4%	0.4%	0.3%	0.3%	0.4%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



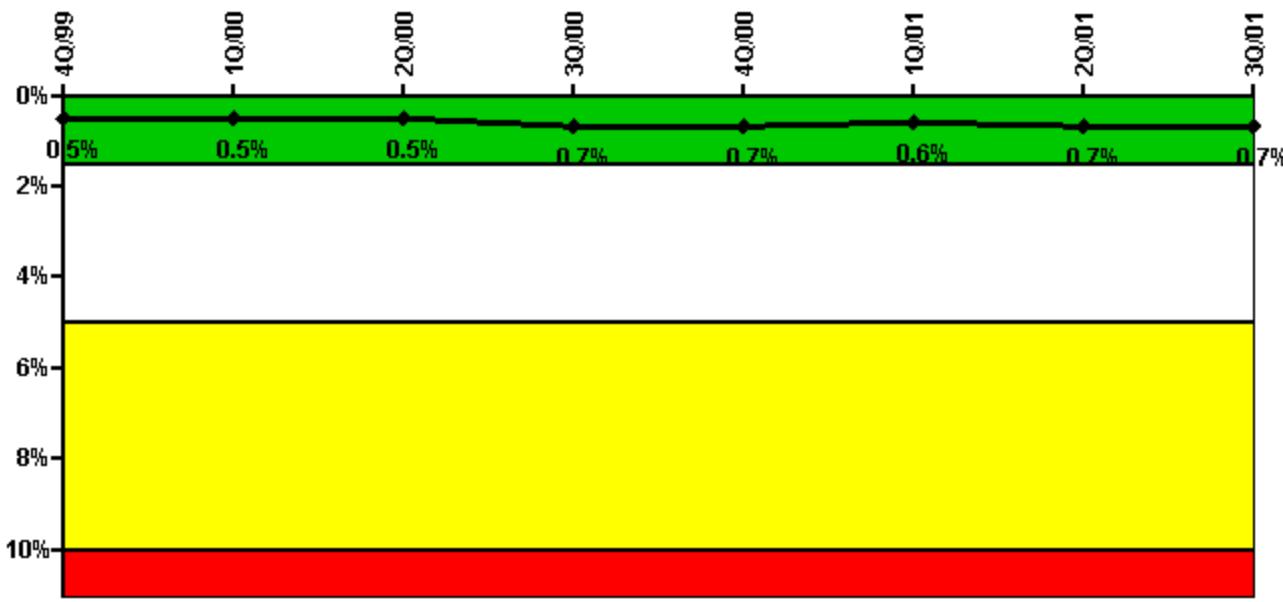
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)		4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1									
Planned unavailable hours		0	35.10	0	0	2.90	2.30	1.40	4.50
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		1800.00	2184.00	2183.00	2208.00	2209.00	2160.00	1606.00	2208.00
Train 2									
Planned unavailable hours		0	4.80	0	0	1.80	3.00	0.60	3.20
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		1800.00	2184.00	2183.00	2208.00	2209.00	2160.00	1606.00	2208.00
Train 3									
Planned unavailable hours		7.00	17.30	0	1.37	16.20	32.60	0.80	8.60
Unplanned unavailable hours		0	0	0	0	0	0	1.70	0
Fault exposure hours		0	0	0	0	0	40.30	25.70	0
Effective Reset hours		0	0	0	0	0	0	0	0
Required hours		1800.00	2184.00	2183.00	2208.00	2209.00	2160.00	1606.00	2208.00
Indicator value		0.8%	0.8%	0.8%	0.7%	0.3%	0.4%	0.4%	0.5%

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
Train 1									
Planned unavailable hours		2.00	2.00	45.10	61.90	28.50	22.00	45.00	3.60
Unplanned unavailable hours		0	0	0	0	0	0	0	20.60
Fault exposure hours		0	0	0	0	0	0	0	0
Effective Reset hours		0	0	0	0	0	0	0	0
Required hours		1885.10	2184.00	2183.00	2208.00	2209.00	2160.00	1578.00	2208.00
Train 2									
Planned unavailable hours		1.90	3.20	37.60	53.90	21.40	29.50	10.90	0.40
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		1885.10	2184.00	2183.00	2208.00	2209.00	2160.00	1578.00	2208.00
Train 3									
Planned unavailable hours		0	0	0	0	0	0	4.70	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		304.60	0	0	0	0	0	578.30	0
Train 4									
Planned unavailable hours		0	0	0	0	0	0	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		304.60	0	0	0	0	0	578.30	0
Indicator value		0.5%	0.5%	0.5%	0.7%	0.7%	0.6%	0.7%	0.7%

Licensee Comments:

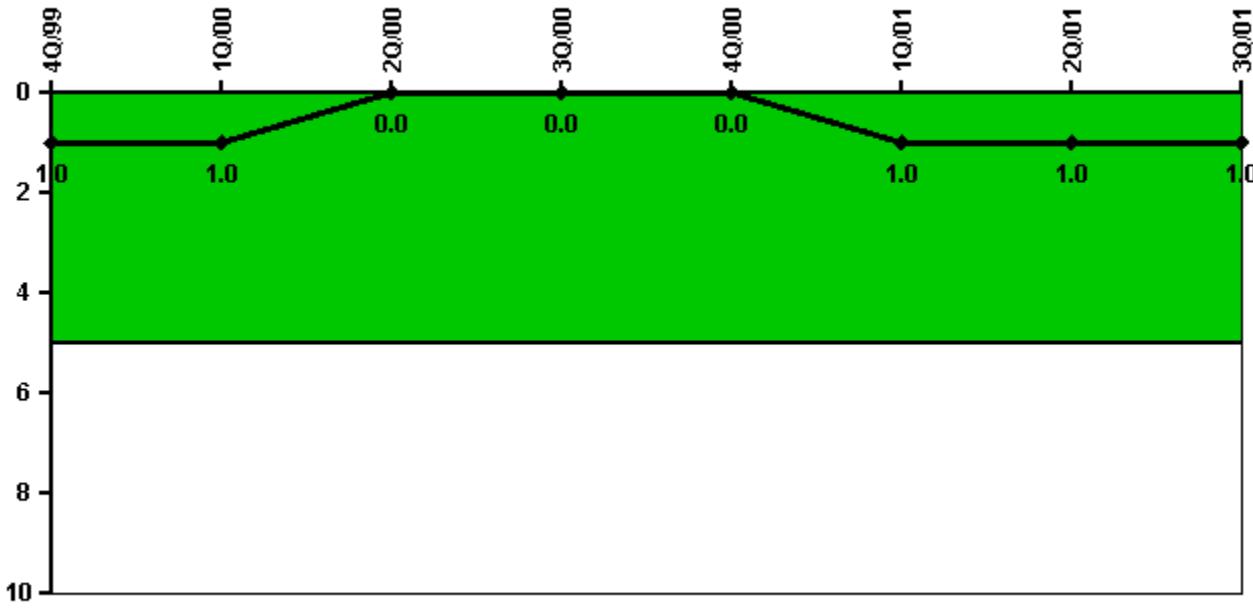
4Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

3Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

2Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

1Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

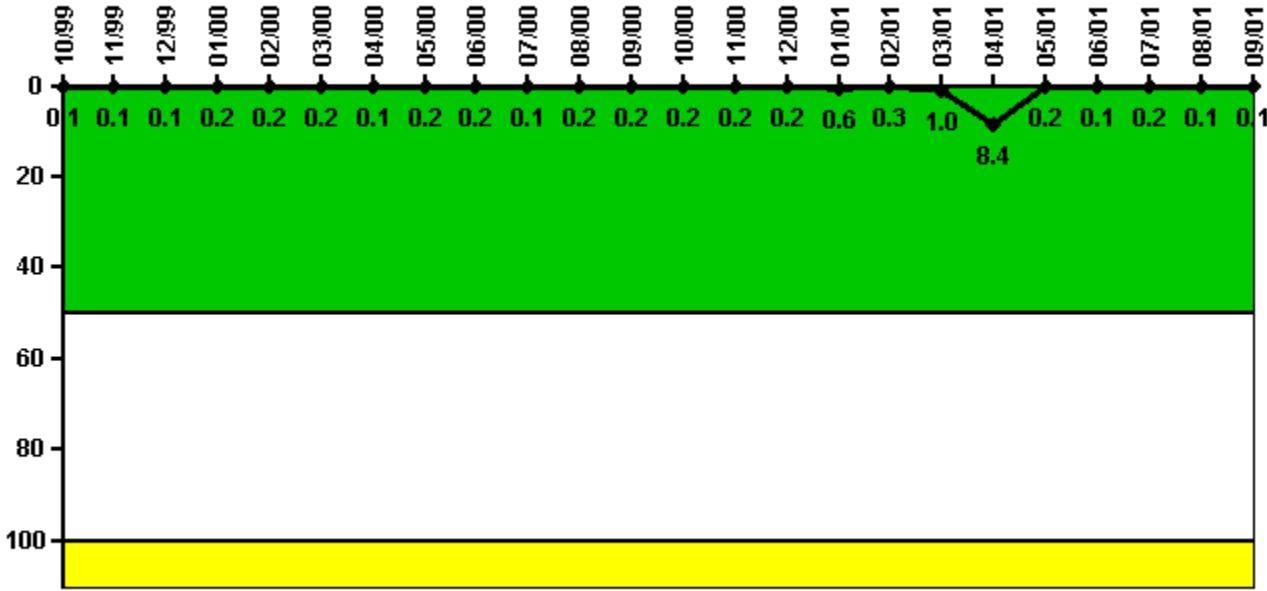
Safety System Functional Failures (PWR)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Safety System Functional Failures	0	0	0	0	0	1	0	0
Indicator value	1	1	0	0	0	1	1	1

Licensee Comments:

3Q/01: Correction - Two separate occurrences of a single train (of a multiple train system) failure were incorrectly reported as SSFFs. There were no SSFFs in Q3 2001

2Q/01: Correction - A single train (of a multiple train system) failure was incorrectly reported as a SSFF. There were no SSFFs Q2 2001.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

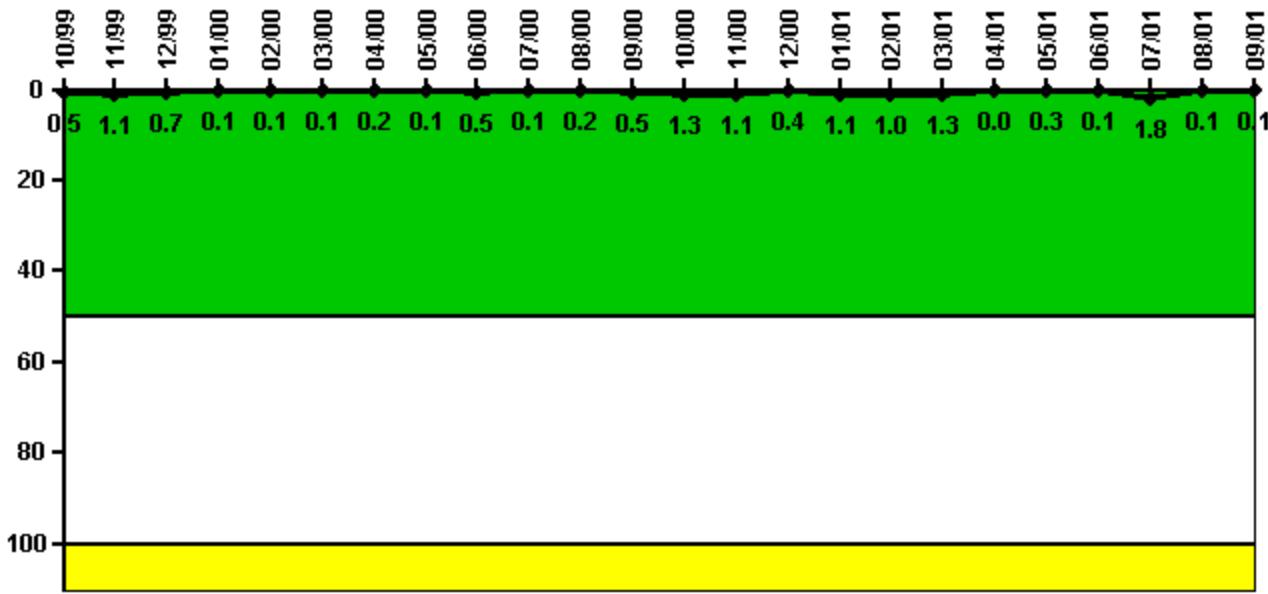
Notes

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	0.001400	0.001000	0.001000	0.001880	0.002270	0.001670	0.001400	0.001500	0.001530	0.001450	0.002110	0.001560
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.2	0.2	0.1	0.2	0.2

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	0.001790	0.001800	0.001760	0.005530	0.003090	0.010100	0.083700	0.001870	0.001260	0.002060	0.001240	0.001260
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.2	0.2	0.2	0.6	0.3	1.0	8.4	0.2	0.1	0.2	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

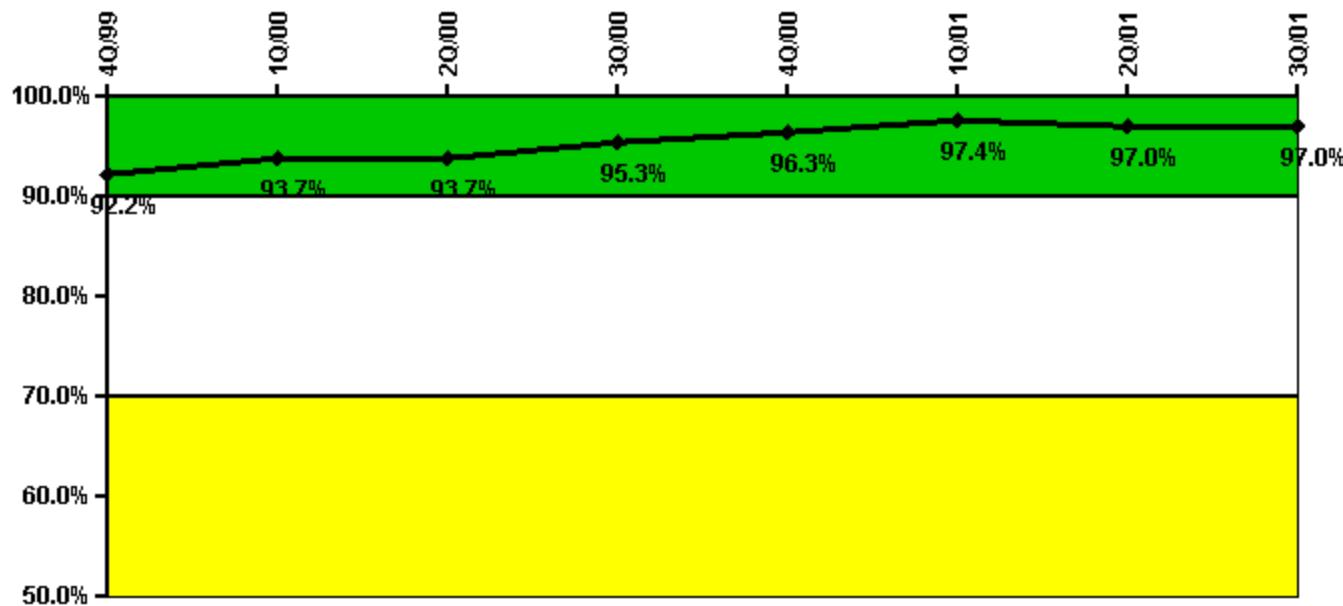
Notes

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	0.050	0.110	0.070	0.010	0.010	0.010	0.020	0.010	0.050	0.010	0.020	0.050
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	1.1	0.7	0.1	0.1	0.1	0.2	0.1	0.5	0.1	0.2	0.5

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	0.130	0.110	0.040	0.110	0.100	0.130	0	0.030	0.010	0.180	0.010	0.010
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.3	1.1	0.4	1.1	1.0	1.3	0	0.3	0.1	1.8	0.1	0.1

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

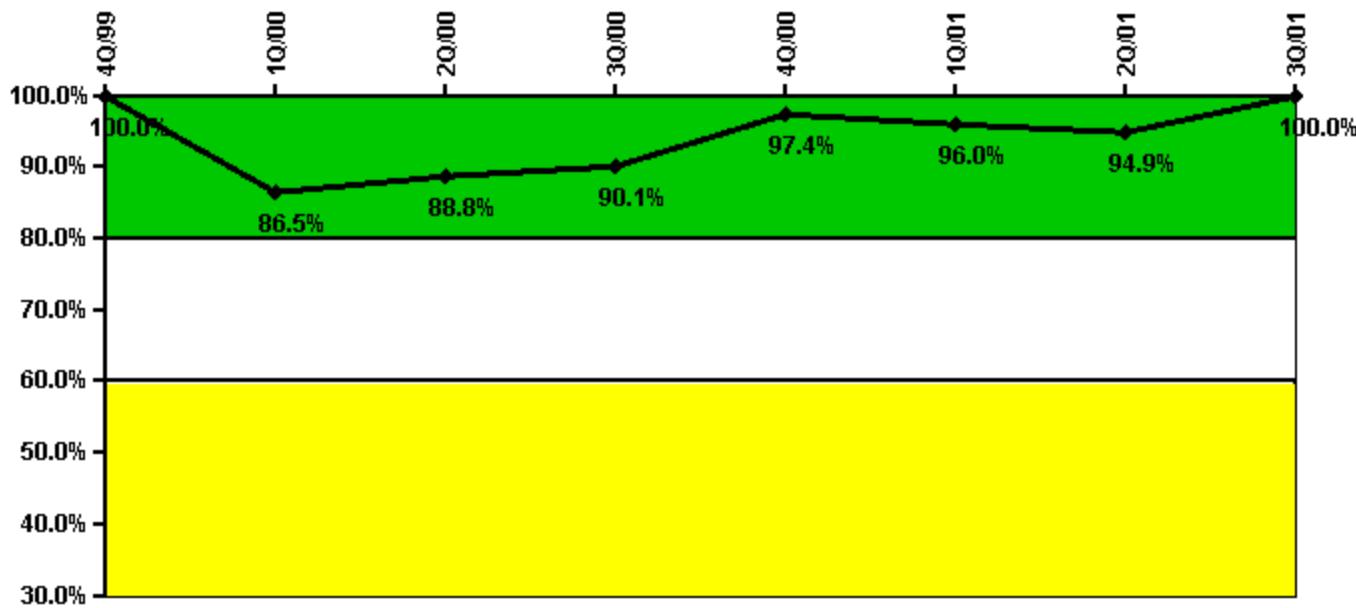
Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Successful opportunities	98.0	26.0	8.0	65.0	127.0	8.0	37.0	82.0
Total opportunities	100.0	27.0	9.0	65.0	130.0	8.0	41.0	85.0
Indicator value	92.2%	93.7%	93.7%	95.3%	96.3%	97.4%	97.0%	97.0%

Licensee Comments:

3Q/01: Minor correction made to 2Q01 data due to incorrect counting of drill opportunities.

ERO Drill Participation



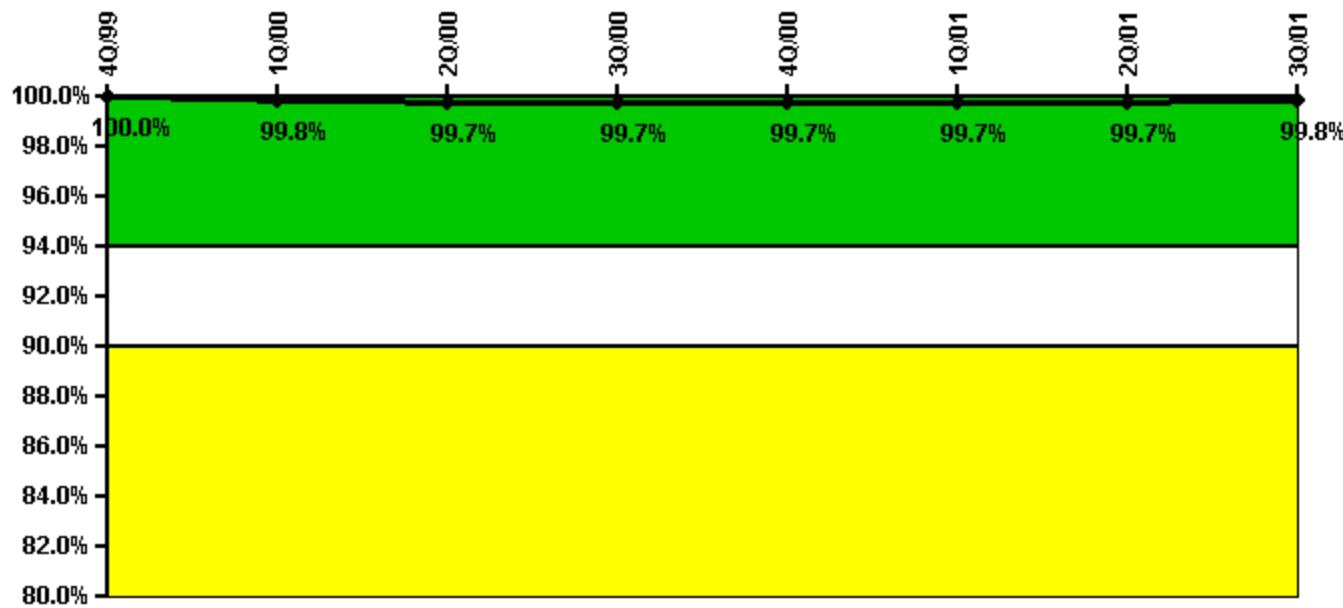
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Participating Key personnel	85.0	77.0	71.0	73.0	75.0	72.0	75.0	79.0
Total Key personnel	85.0	89.0	80.0	81.0	77.0	75.0	79.0	79.0
Indicator value	100.0%	86.5%	88.8%	90.1%	97.4%	96.0%	94.9%	100.0%

Licensee Comments: none

Alert & Notification System

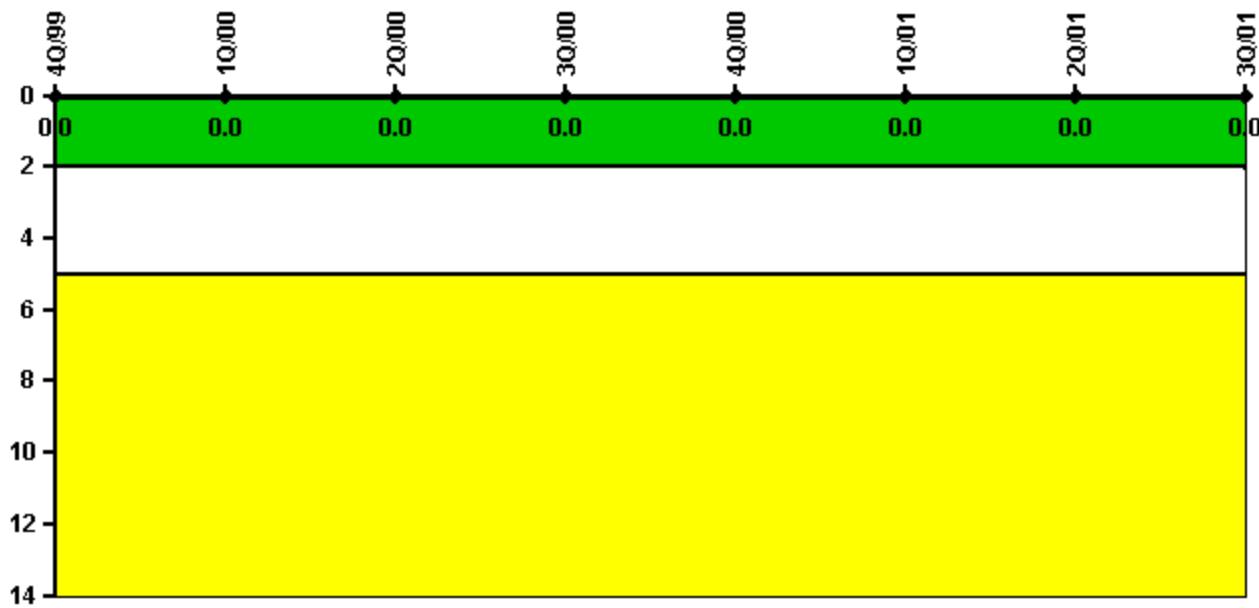


Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Successful siren-tests	696	606	519	694	522	607	521	703
Total sirens-tests	696	609	522	696	522	609	523	704
Indicator value	100.0%	99.8%	99.7%	99.7%	99.7%	99.7%	99.7%	99.8%

Licensee Comments: none

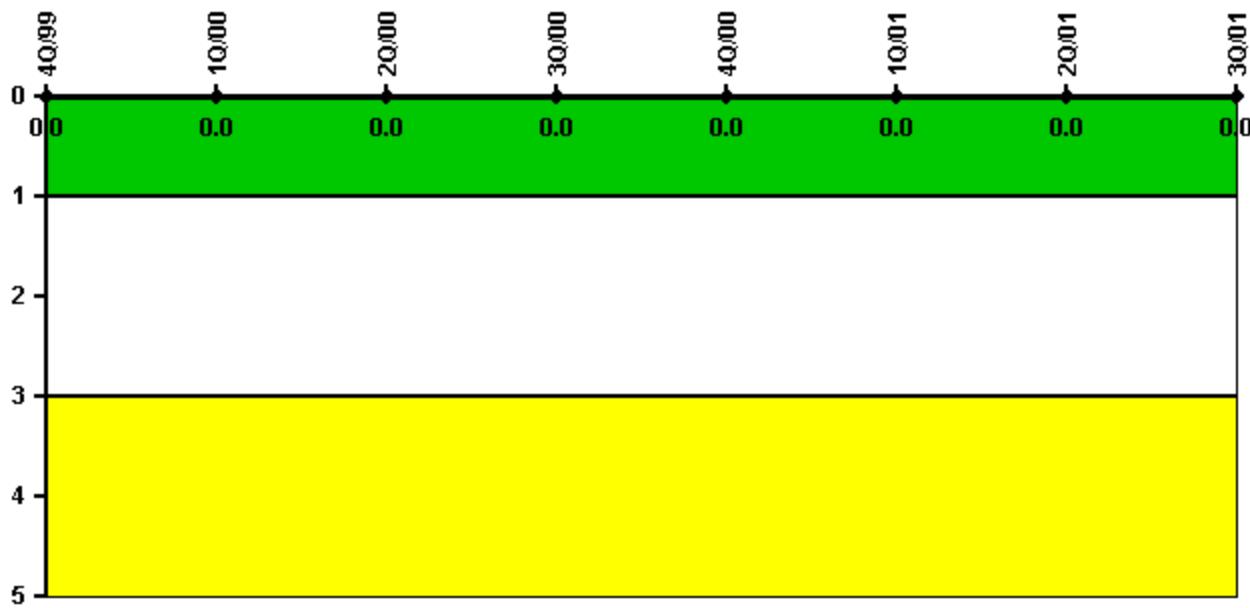
Occupational Exposure Control Effectiveness

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	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

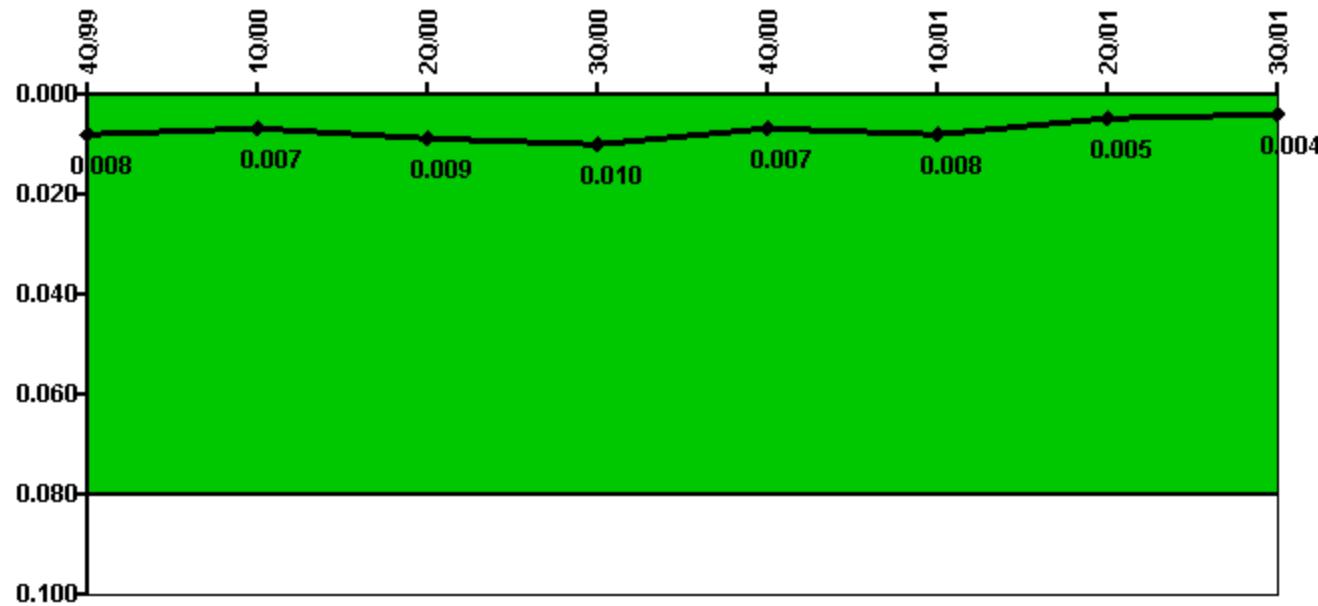
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	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

Protected Area Security Performance Index



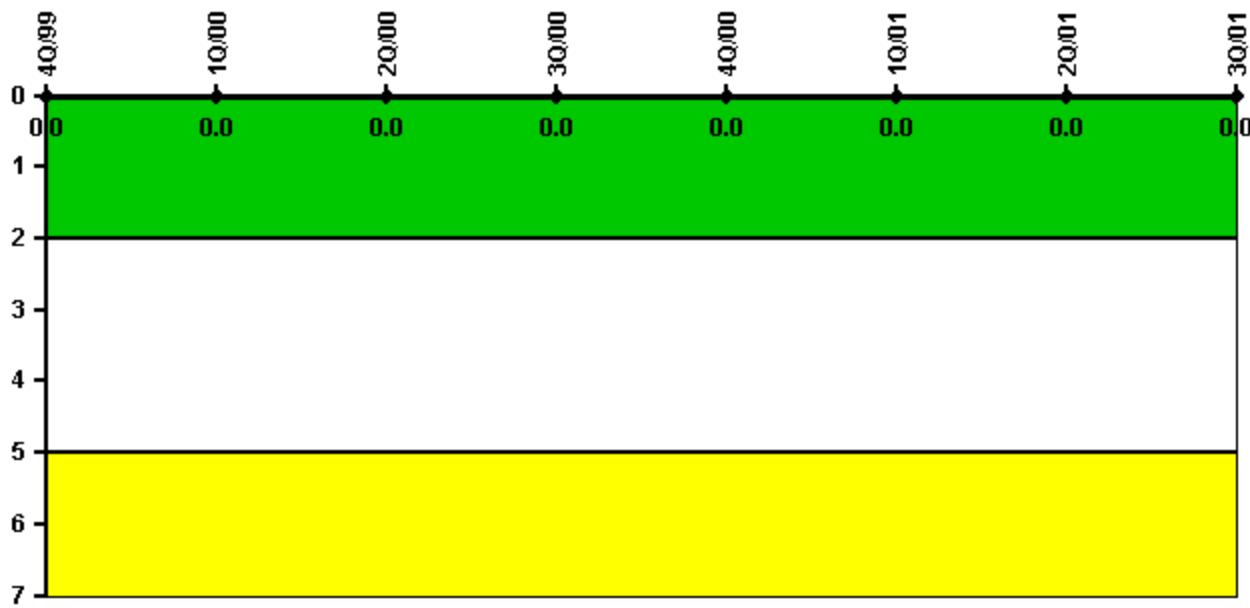
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
IDS compensatory hours	112.10	0	99.00	106.00	25.60	12.75	0	81.20
CCTV compensatory hours	0	0	1.5	0	0	0	0	0
IDS normalization factor	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80
CCTV normalization factor	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Index Value	0.008	0.007	0.009	0.010	0.007	0.008	0.005	0.004

Licensee Comments: none

Personnel Screening Program

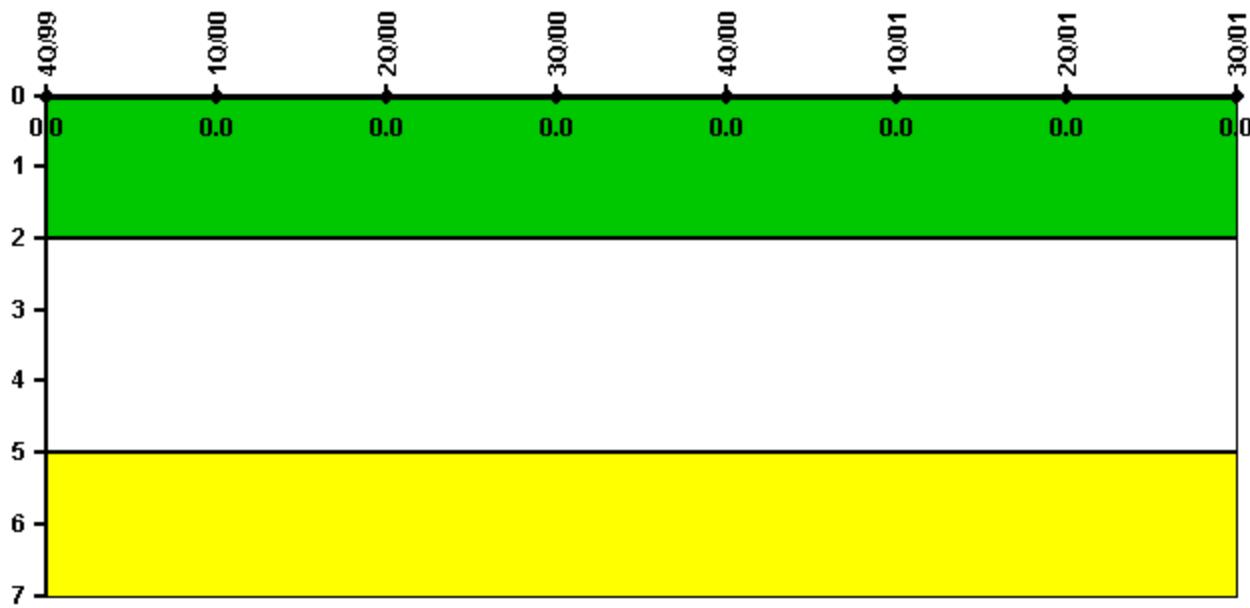


Thresholds: White > 2.0 Yellow > 5.0

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

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

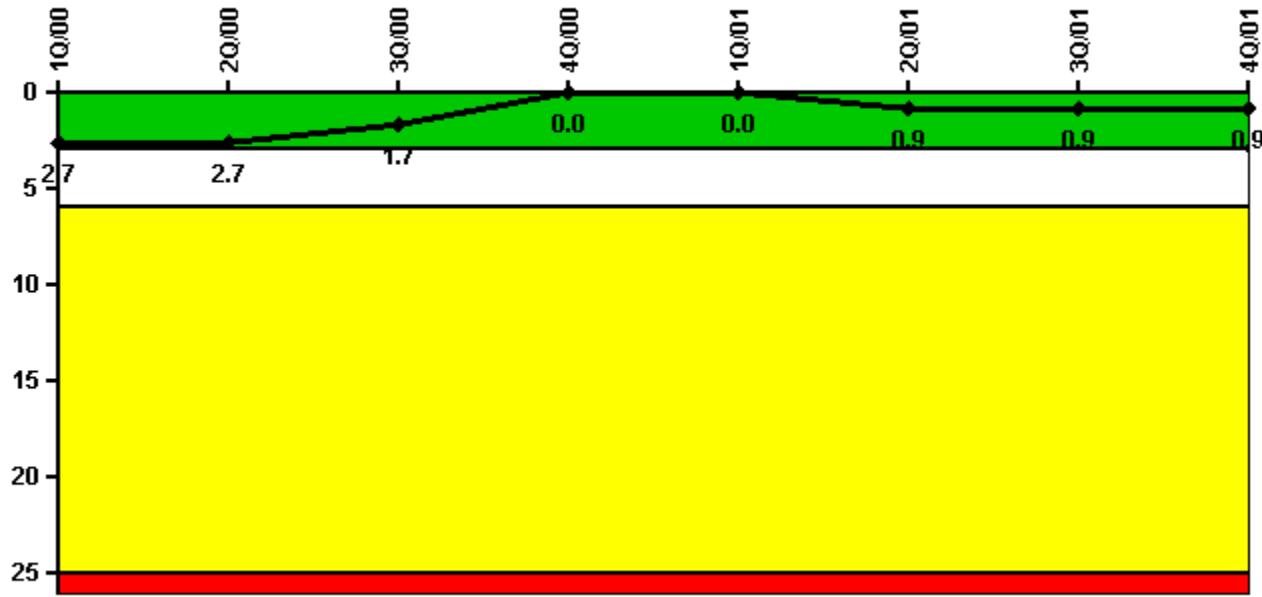


[PI Summary](#) | [Inspection Findings Summary](#) | [Action Matrix Summary](#) | [Reactor Oversight Process](#)

Last Modified: March 26, 2002

Saint Lucie 1**4Q/2001 Performance Indicators**

Licensee's General Comments: none

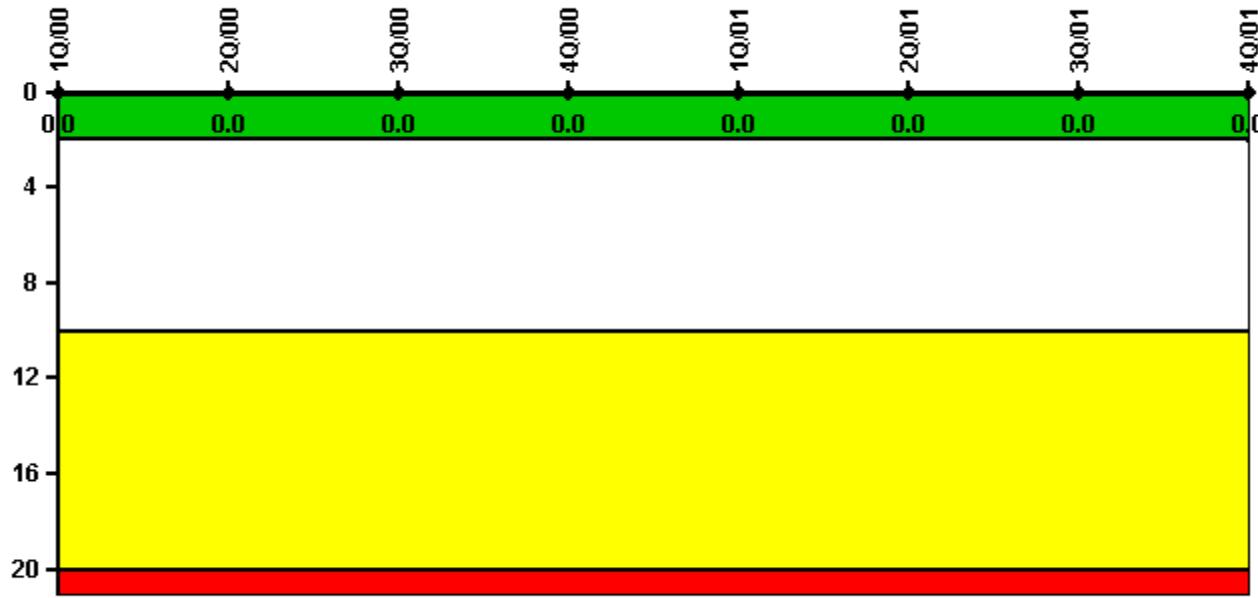
Unplanned Scrams per 7000 Critical Hrs

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Unplanned scrams	0	0	0	0	0	1.0	0	0
Critical hours	2184.0	2183.0	2208.0	2209.0	2160.0	1505.2	2208.0	2125.4
Indicator value	2.7	2.7	1.7	0	0	0.9	0.9	0.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

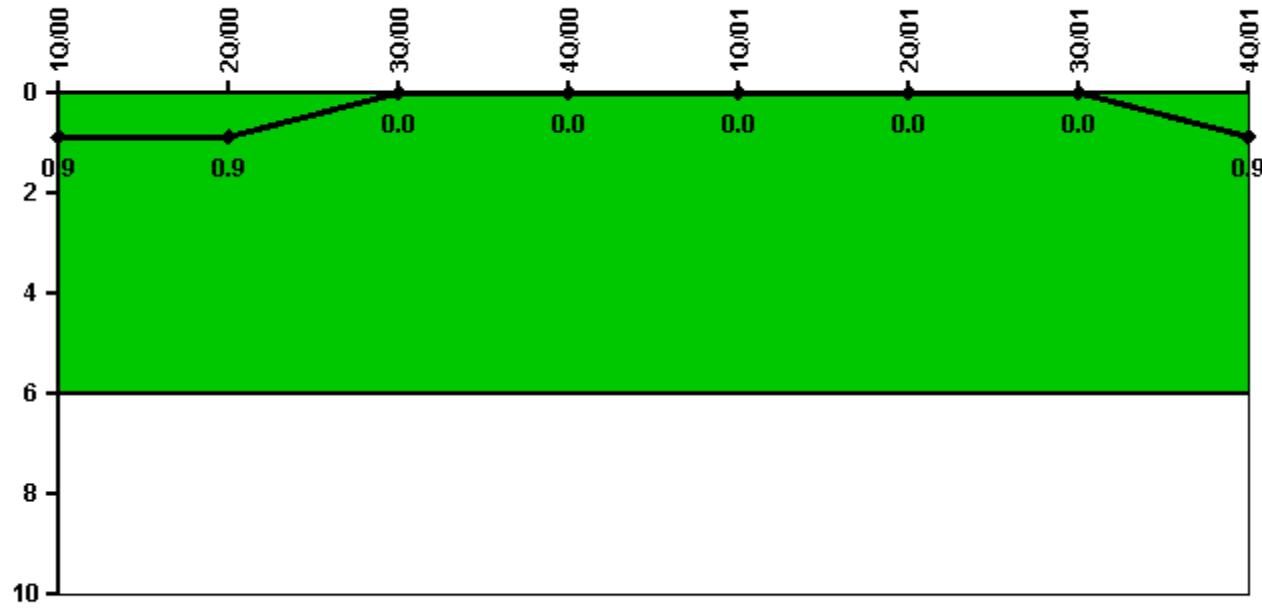
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	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

Unplanned Power Changes per 7000 Critical Hrs



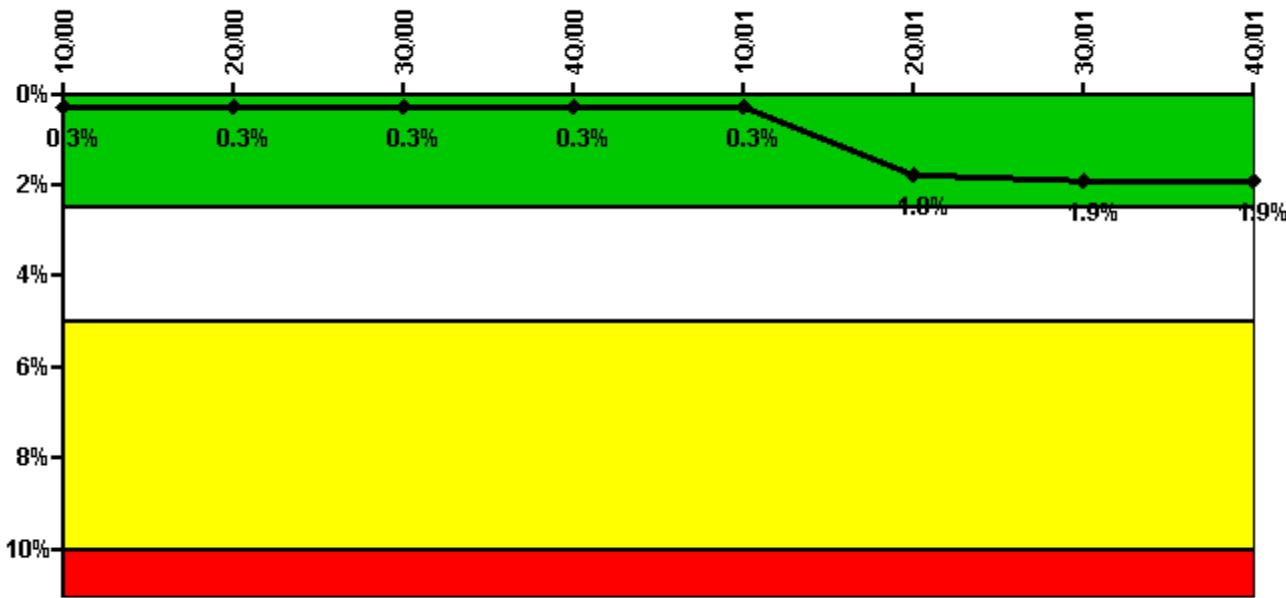
Thresholds: White > 6.0

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	1.0
Critical hours	2184.0	2183.0	2208.0	2209.0	2160.0	1505.2	2208.0	2125.4
Indicator value								
	0.9	0.9	0	0	0	0	0	0.9

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



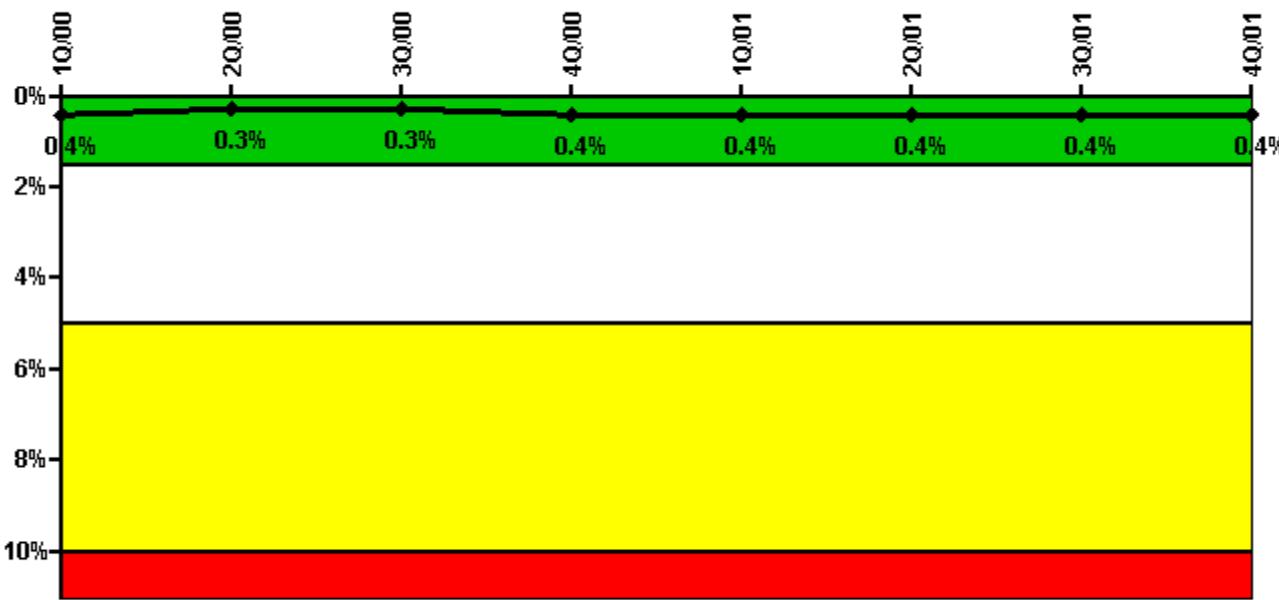
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	3.00	4.20	6.90	2.90	8.10	3.00	51.70	4.80
Unplanned unavailable hours	0	9.70	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	1945.60	2208.00	2208.00
Train 2								
Planned unavailable hours	5.20	4.00	3.90	4.10	3.90	0	4.60	3.30
Unplanned unavailable hours	0	0	0	0	0	190.00	0	0
Fault exposure hours	0	0	0	0	0	555.00	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	1945.60	2208.00	2208.00
Indicator value	0.3%	0.3%	0.3%	0.3%	0.3%	1.8%	1.9%	1.9%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



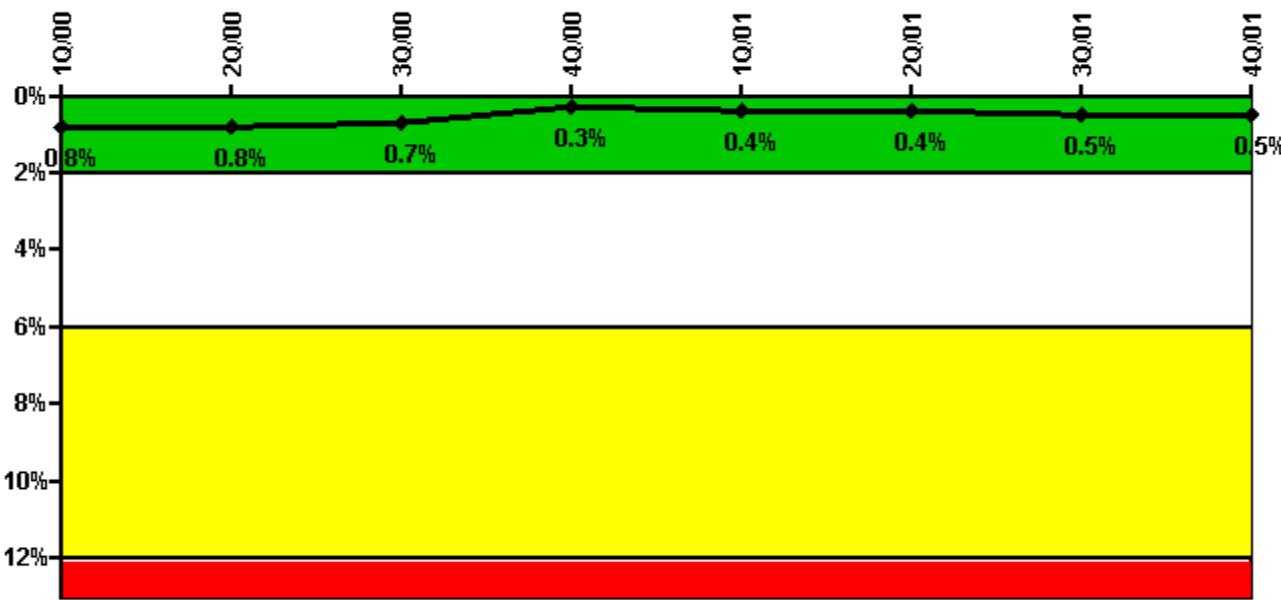
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)		1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1									
Planned unavailable hours		1.90	3.20	1.60	24.30	1.00	0.50	0.40	0.40
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	1706.20	2208.00	2193.00
Train 2									
Planned unavailable hours		3.20	0.70	0.40	35.80	6.60	0.80	12.60	1.00
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	1706.20	2208.00	2193.00
Indicator value		0.4%	0.3%	0.3%	0.4%	0.4%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



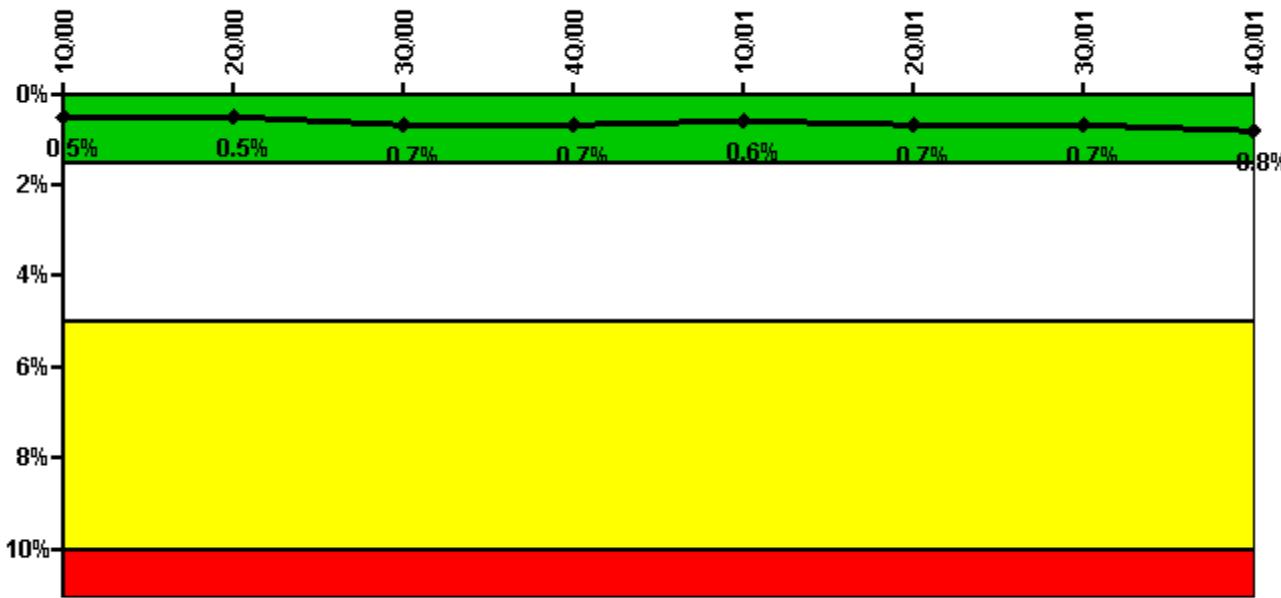
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	35.10	0	0	2.90	2.30	1.40	4.50	4.20
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	1606.00	2208.00	2166.00
Train 2								
Planned unavailable hours	4.80	0	0	1.80	3.00	0.60	3.20	2.00
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	1606.00	2208.00	2166.00
Train 3								
Planned unavailable hours	17.30	0	1.37	16.20	32.60	0.80	8.60	5.90
Unplanned unavailable hours	0	0	0	0	0	1.70	0	1.80
Fault exposure hours	0	0	0	0	40.30	25.70	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	1606.00	2208.00	2166.00
Indicator value	0.8%	0.8%	0.7%	0.3%	0.4%	0.4%	0.5%	0.5%

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
Train 1								
Planned unavailable hours	2.00	45.10	61.90	28.50	22.00	45.00	3.60	1.50
Unplanned unavailable hours	0	0	0	0	0	0	20.60	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	2184.00	2183.00	2208.00	2209.00	2160.00	1578.00	2208.00	2173.30
Train 2								
Planned unavailable hours	3.20	37.60	53.90	21.40	29.50	10.90	0.40	14.80
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	2184.00	2183.00	2208.00	2209.00	2160.00	1578.00	2208.00	2173.30
Train 3								
Planned unavailable hours	0	0	0	0	0	4.70	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	0	0	0	0	0	578.30	0	43.00
Train 4								
Planned unavailable hours	0	0	0	0	0	0	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	0	0	0	0	0	578.30	0	43.00
Indicator value	0.5%	0.5%	0.7%	0.7%	0.6%	0.7%	0.7%	0.8%

Licensee Comments:

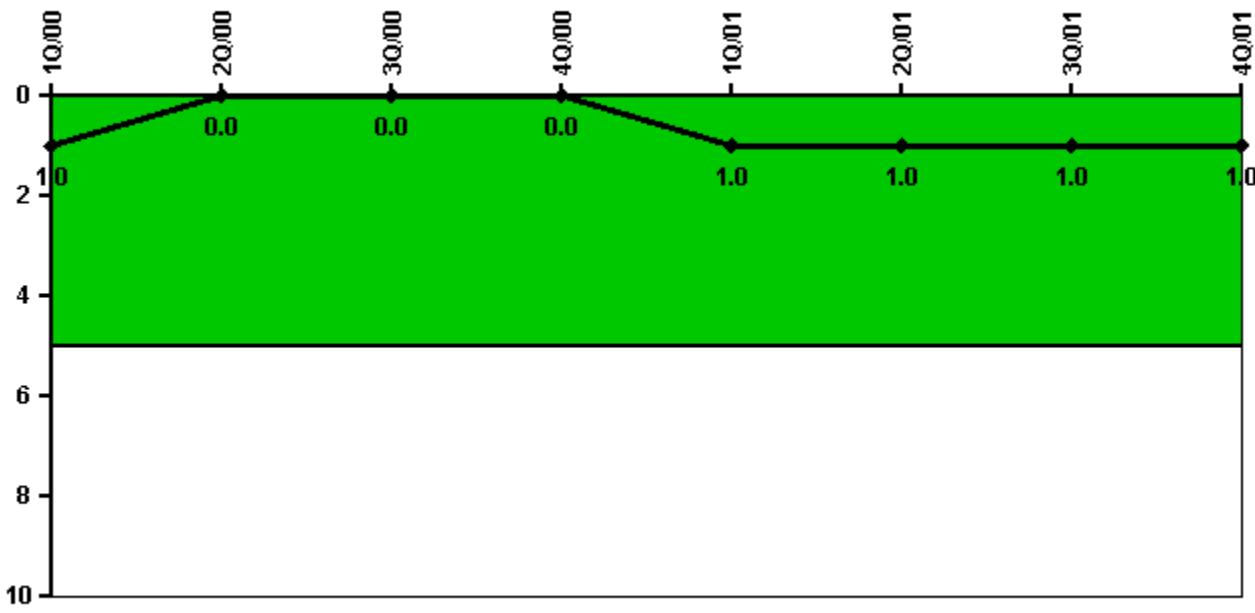
4Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSR RHR SSU performance option 2.

3Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSR RHR SSU performance option 2.

2Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS
RHR SSU performance option 2.

1Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS
RHR SSU performance option 2.

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

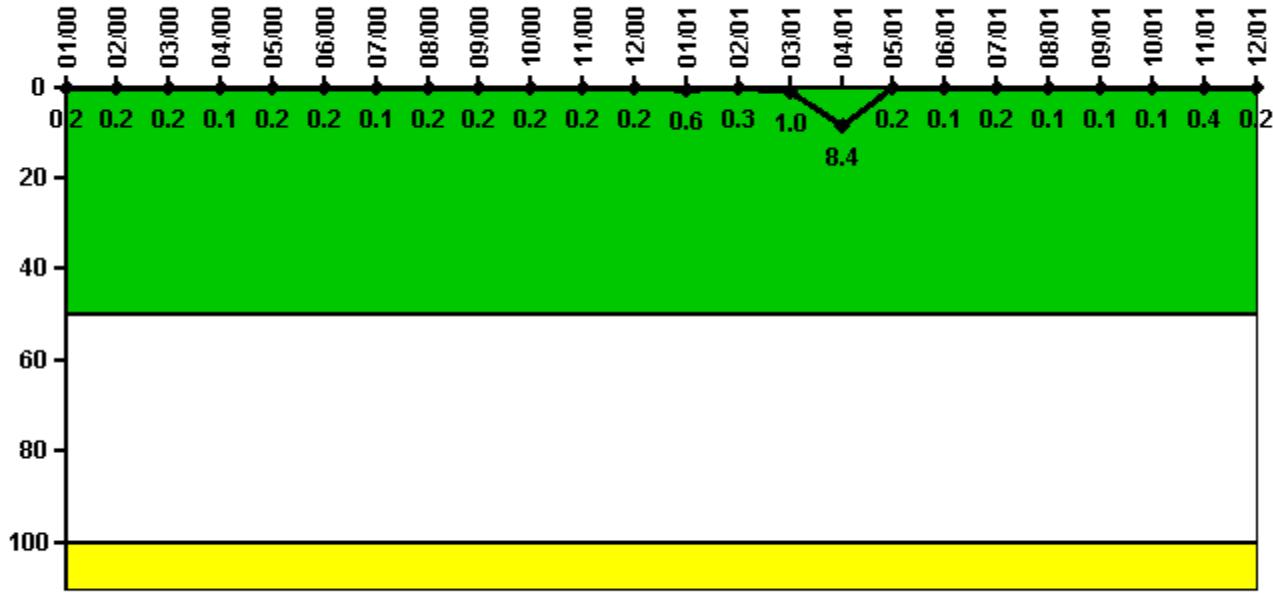
Safety System Functional Failures (PWR)	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Safety System Functional Failures	0	0	0	0	1	0	0	0
Indicator value	1	0	0	0	1	1	1	1

Licensee Comments:

3Q/01: Correction - Two separate occurrences of a single train (of a multiple train system) failure were incorrectly reported as SSFFs. There were no SSFFs in Q3 2001

2Q/01: Correction - A single train (of a multiple train system) failure was incorrectly reported as a SSFF. There were no SSFFs Q2 2001.

Reactor Coolant System Activity



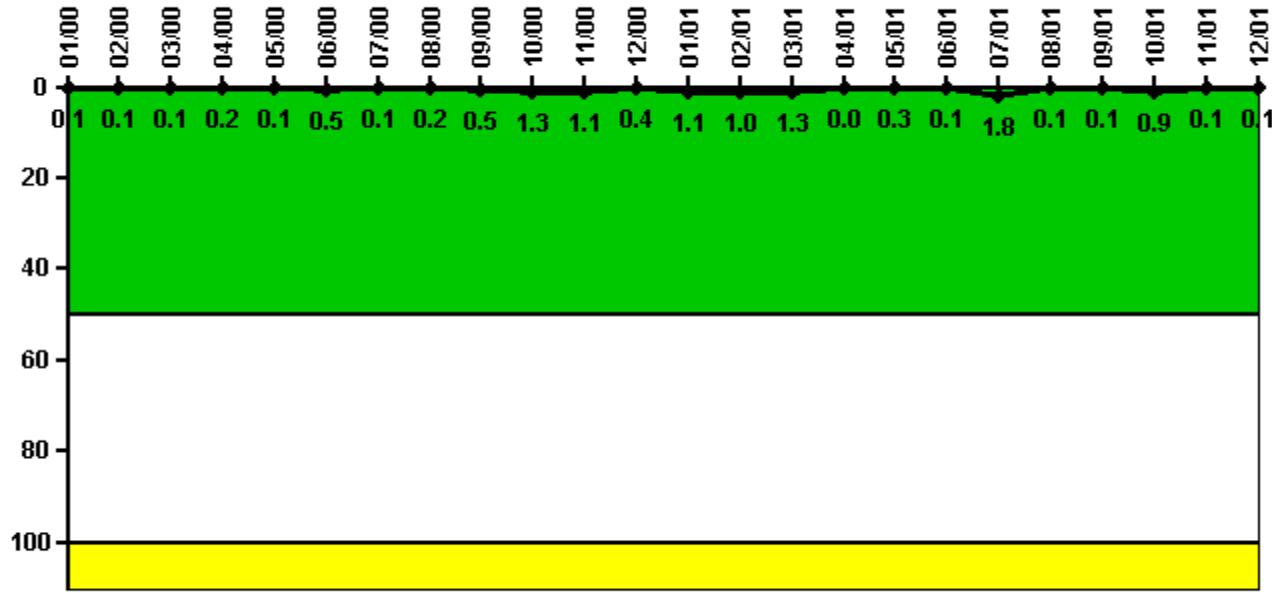
Thresholds: White > 50.0 Yellow > 100.0

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	0.001880	0.002270	0.001670	0.001400	0.001500	0.001530	0.001450	0.002110	0.001560	0.001790	0.001800	0.001760
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.2	0.2	0.2	0.1	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2
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	0.005530	0.003090	0.010100	0.083700	0.001870	0.001260	0.002060	0.001240	0.001260	0.001320	0.004170	0.001660
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.6	0.3	1.0	8.4	0.2	0.1	0.2	0.1	0.1	0.1	0.4	0.2

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

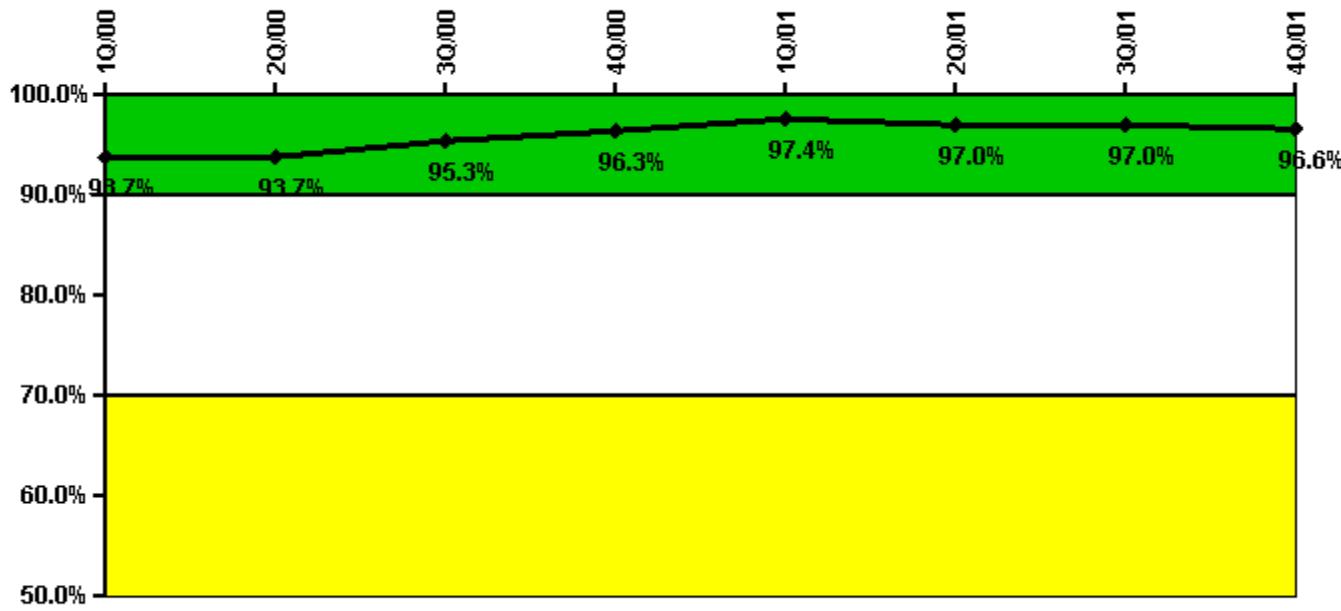
Notes

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	0.010	0.010	0.010	0.020	0.010	0.050	0.010	0.020	0.050	0.130	0.110	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.1	0.1	0.2	0.1	0.5	0.1	0.2	0.5	1.3	1.1	0.4

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	0.110	0.100	0.130	0	0.030	0.010	0.180	0.010	0.010	0.090	0.010	0.010
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.1	1.0	1.3	0	0.3	0.1	1.8	0.1	0.1	0.9	0.1	0.1

Licensee Comments: none

Drill/Exercise Performance



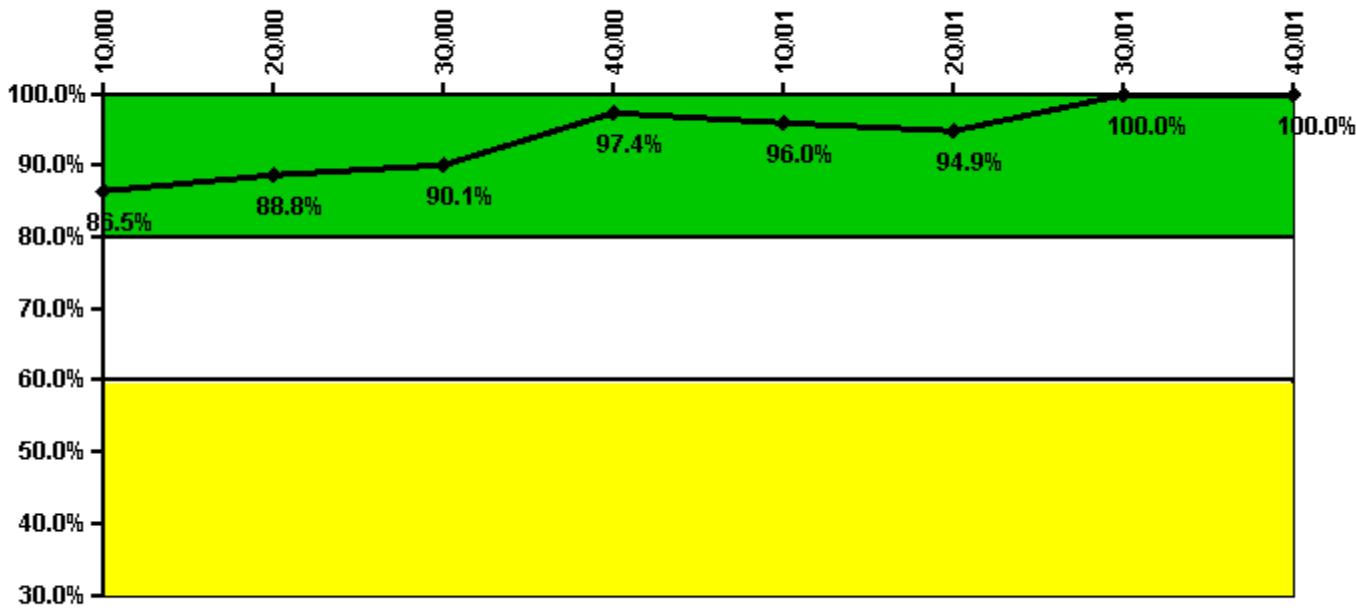
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Successful opportunities	26.0	8.0	65.0	127.0	8.0	37.0	82.0	11.0
Total opportunities	27.0	9.0	65.0	130.0	8.0	41.0	85.0	12.0
Indicator value	93.7%	93.7%	95.3%	96.3%	97.4%	97.0%	97.0%	96.6%

Licensee Comments: none

ERO Drill Participation



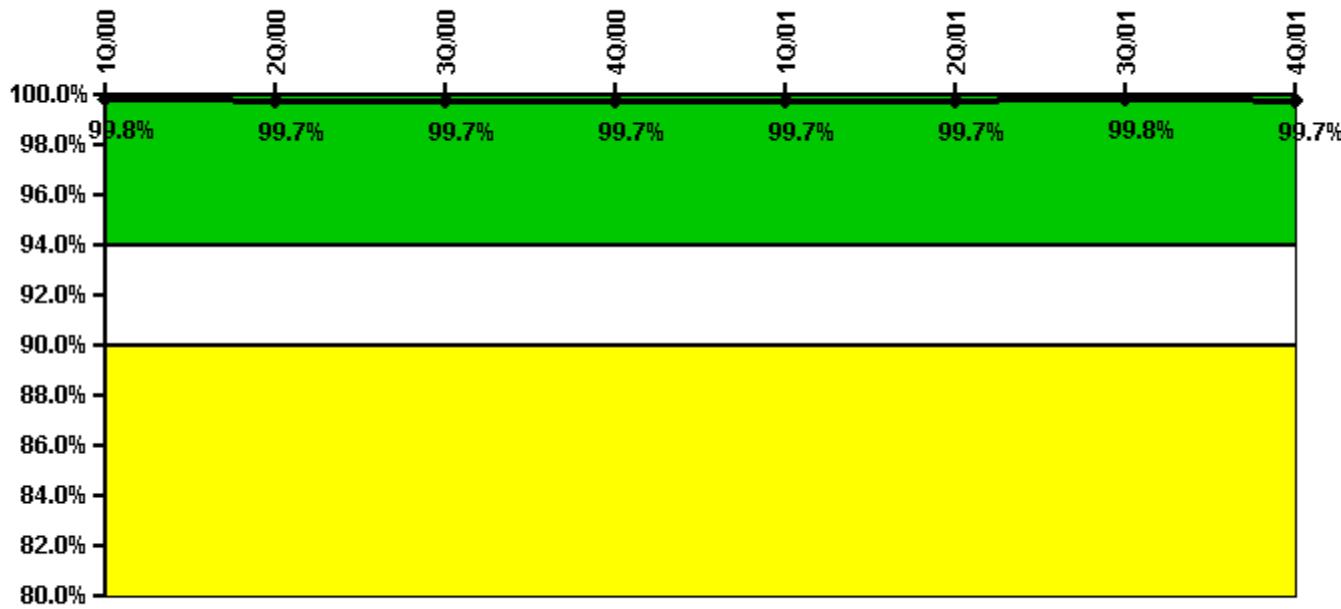
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Participating Key personnel	77.0	71.0	73.0	75.0	72.0	75.0	79.0	72.0
Total Key personnel	89.0	80.0	81.0	77.0	75.0	79.0	79.0	72.0
Indicator value	86.5%	88.8%	90.1%	97.4%	96.0%	94.9%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



Notes

Alert & Notification System	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Successful siren-tests	606	519	694	522	607	521	703	439
Total sirens-tests	609	522	696	522	609	523	704	440
Indicator value	99.8%	99.7%	99.7%	99.7%	99.7%	99.7%	99.8%	99.7%

Licensee Comments: none

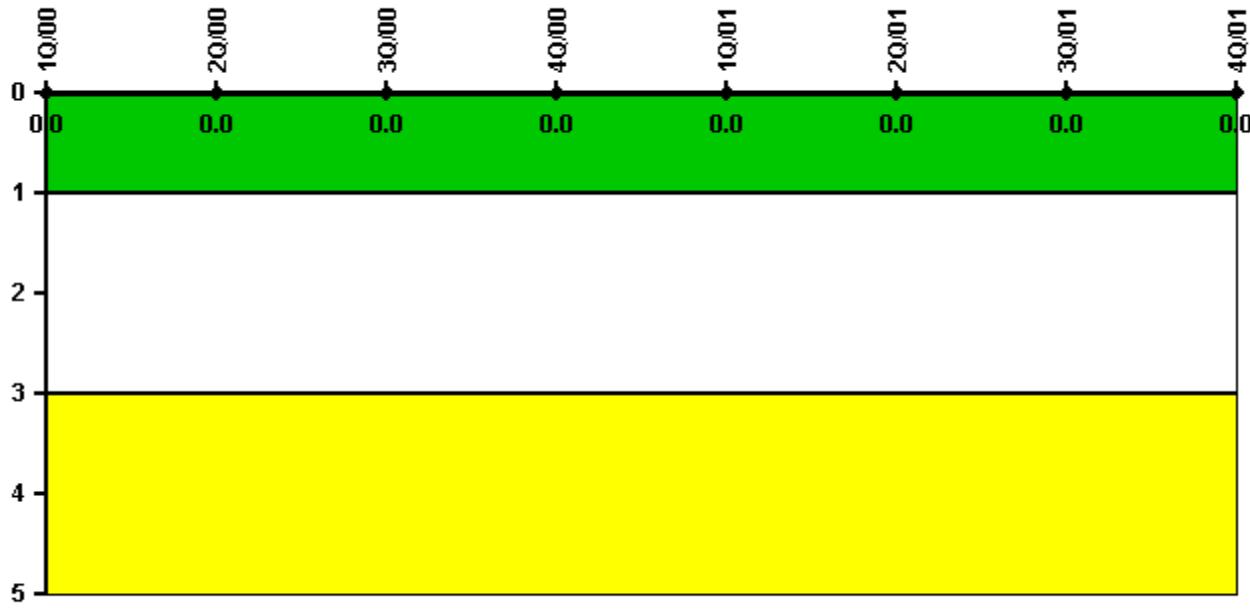
Occupational Exposure Control Effectiveness

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	0	0	0	0	0	0	0	1

Licensee Comments: none

RETS/ODCM Radiological Effluent

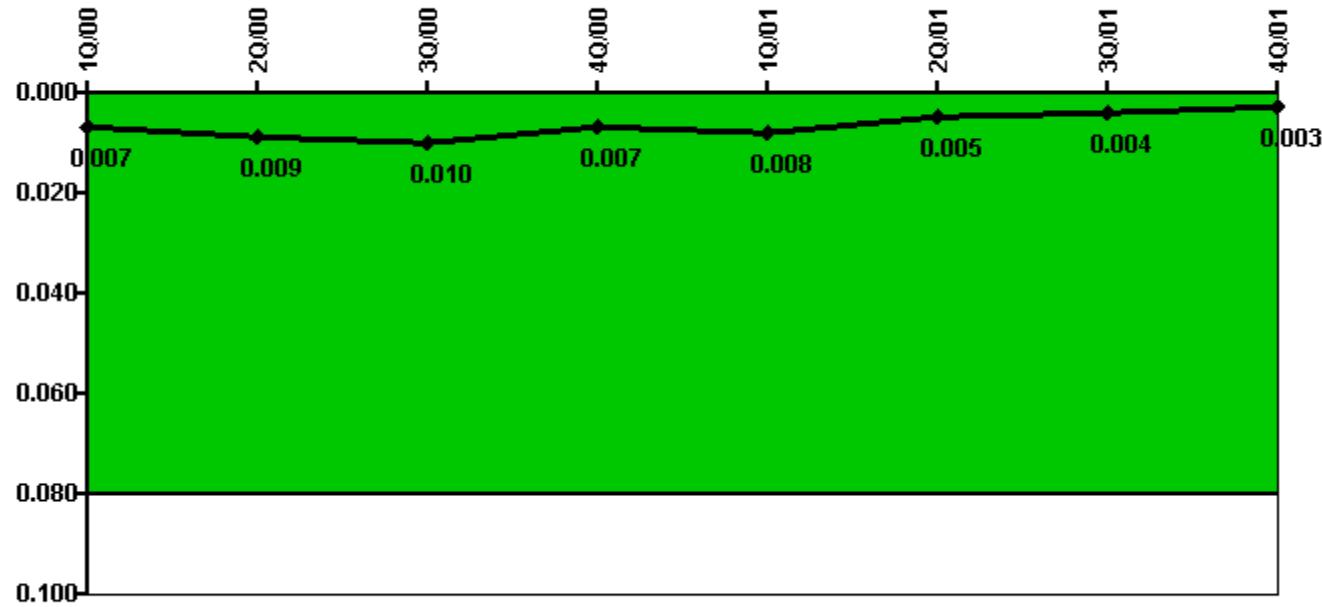
Thresholds: White > 1.0 Yellow > 3.0

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

Protected Area Security Performance Index

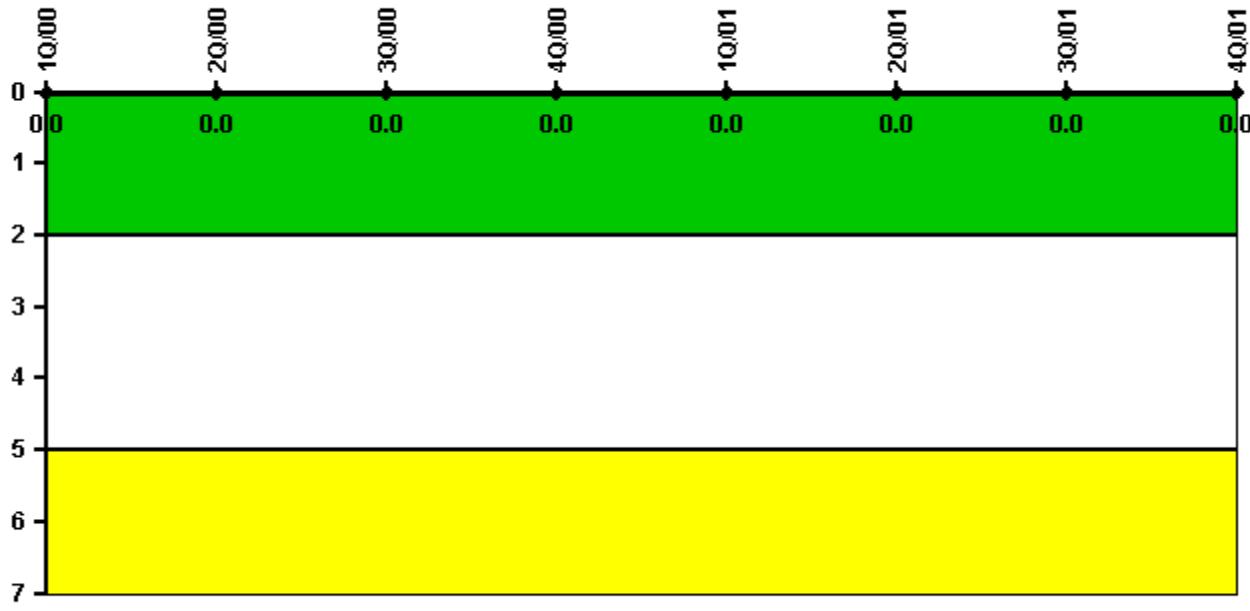


Thresholds: White > 0.080

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	0	99.00	106.00	25.60	12.75	0	81.20	2.70
CCTV compensatory hours	0	1.5	0	0	0	0	0	0
IDS normalization factor	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80
CCTV normalization factor	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Index Value	0.007	0.009	0.010	0.007	0.008	0.005	0.004	0.003

Licensee Comments: none

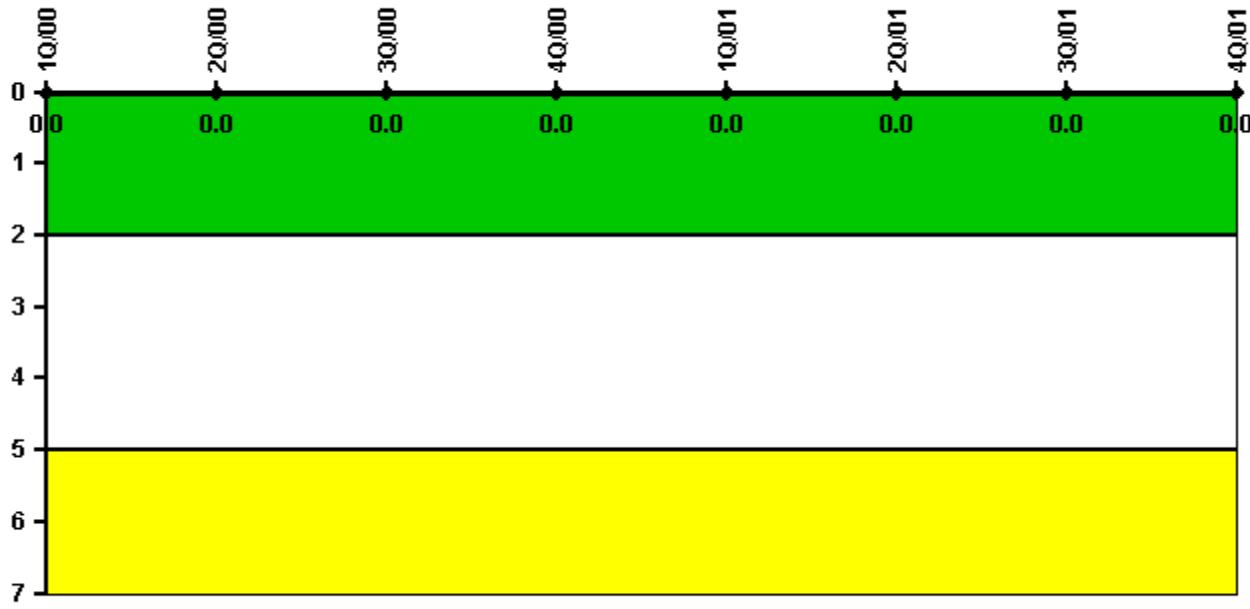
Personnel Screening Program

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

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

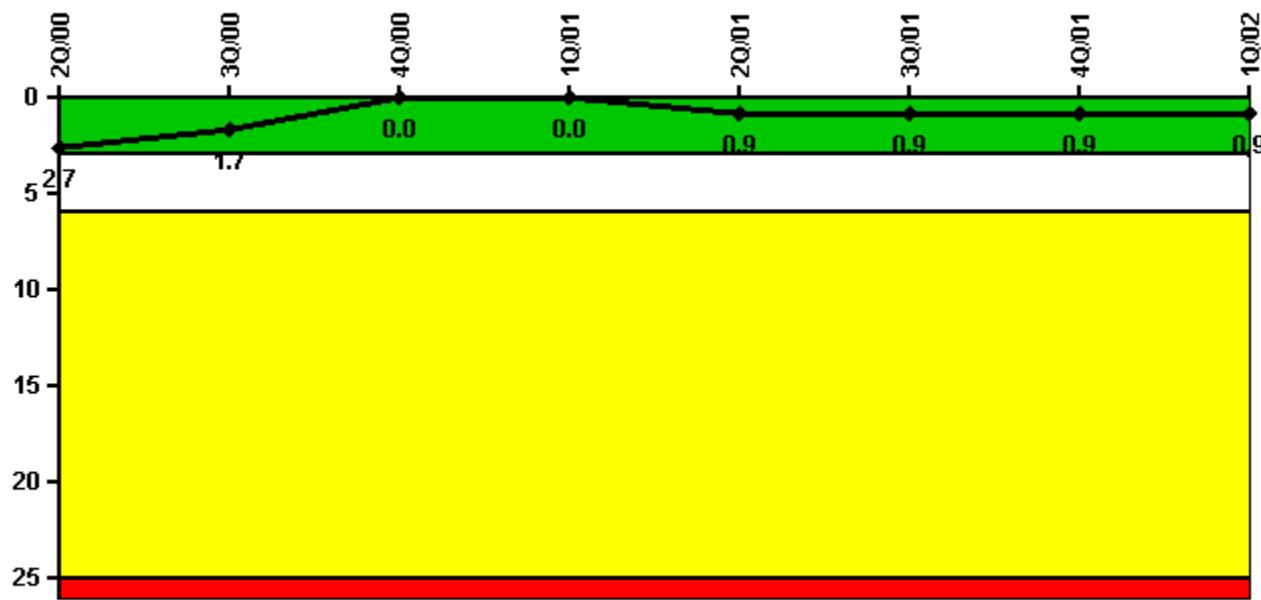


[PI Summary](#) | [Inspection Findings Summary](#) | [Action Matrix Summary](#) | [Reactor Oversight Process](#)

Last Modified: March 15, 2002

Saint Lucie 1**1Q/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	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Unplanned scrams	0	0	0	0	1.0	0	0	0
Critical hours	2183.0	2208.0	2209.0	2160.0	1505.2	2208.0	2125.4	2160.0
Indicator value	2.7	1.7	0	0	0.9	0.9	0.9	0.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

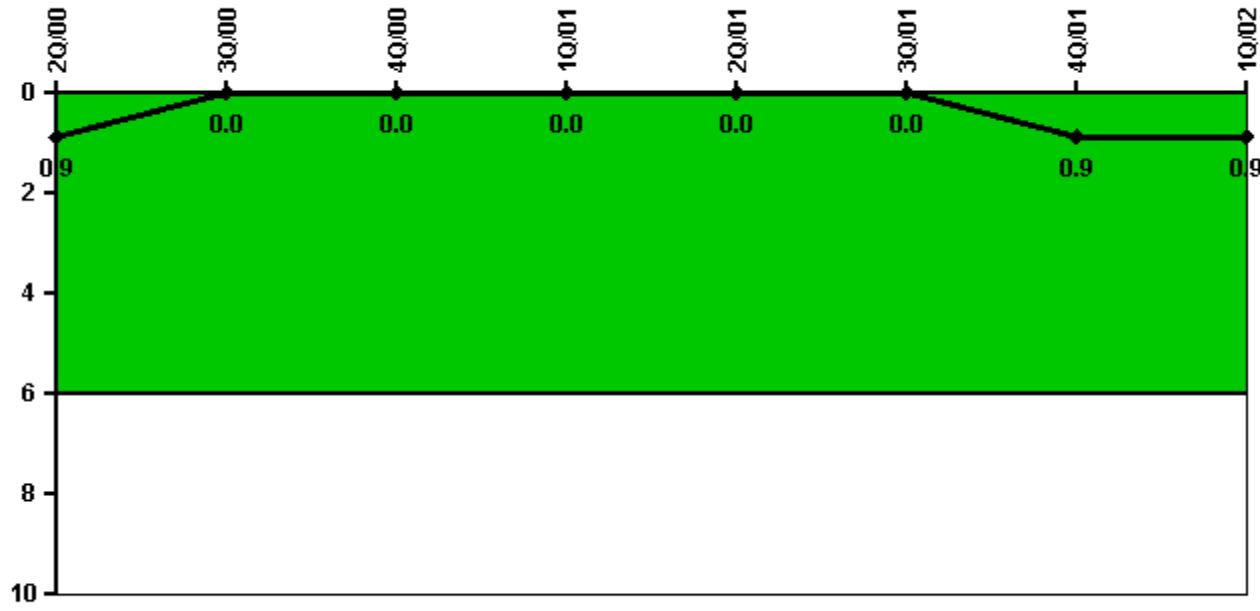
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	2Q/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



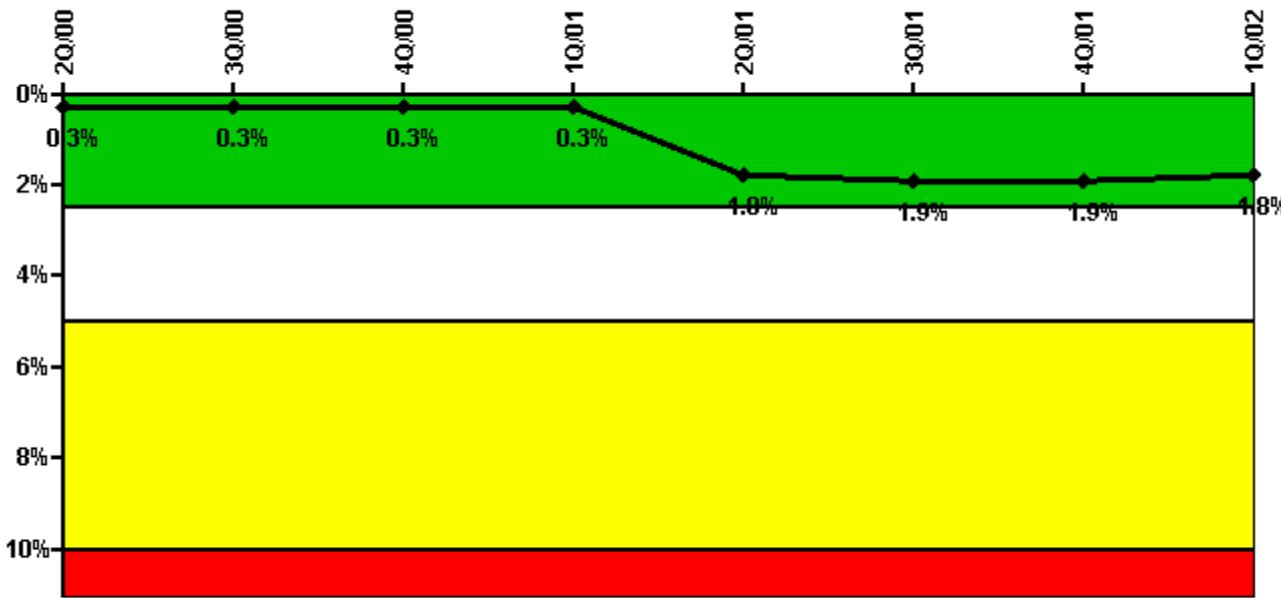
Thresholds: White > 6.0

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	1.0	0
Critical hours	2183.0	2208.0	2209.0	2160.0	1505.2	2208.0	2125.4	2160.0
Indicator value	0.9	0	0	0	0	0	0.9	0.9

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



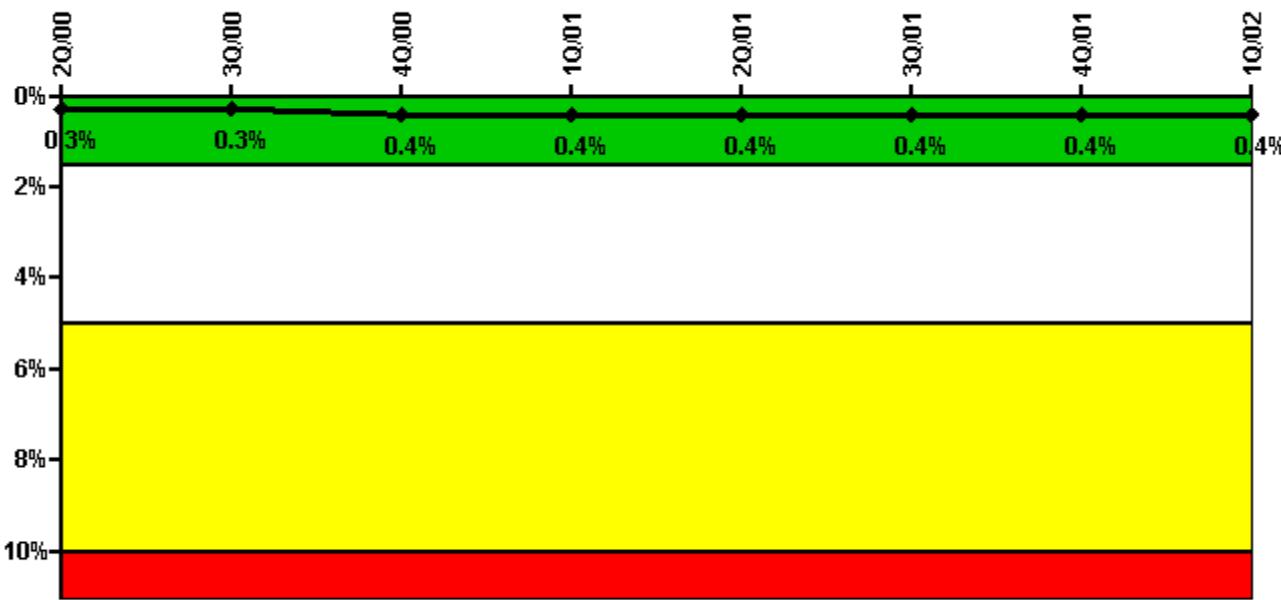
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	4.20	6.90	2.90	8.10	3.00	51.70	4.80	5.20
Unplanned unavailable hours	9.70	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	1945.60	2208.00	2208.00	2160.00
Train 2								
Planned unavailable hours	4.00	3.90	4.10	3.90	0	4.60	3.30	7.00
Unplanned unavailable hours	0	0	0	0	190.00	0	0	0
Fault exposure hours	0	0	0	0	555.00	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	1945.60	2208.00	2208.00	2160.00
Indicator value	0.3%	0.3%	0.3%	0.3%	1.8%	1.9%	1.9%	1.8%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



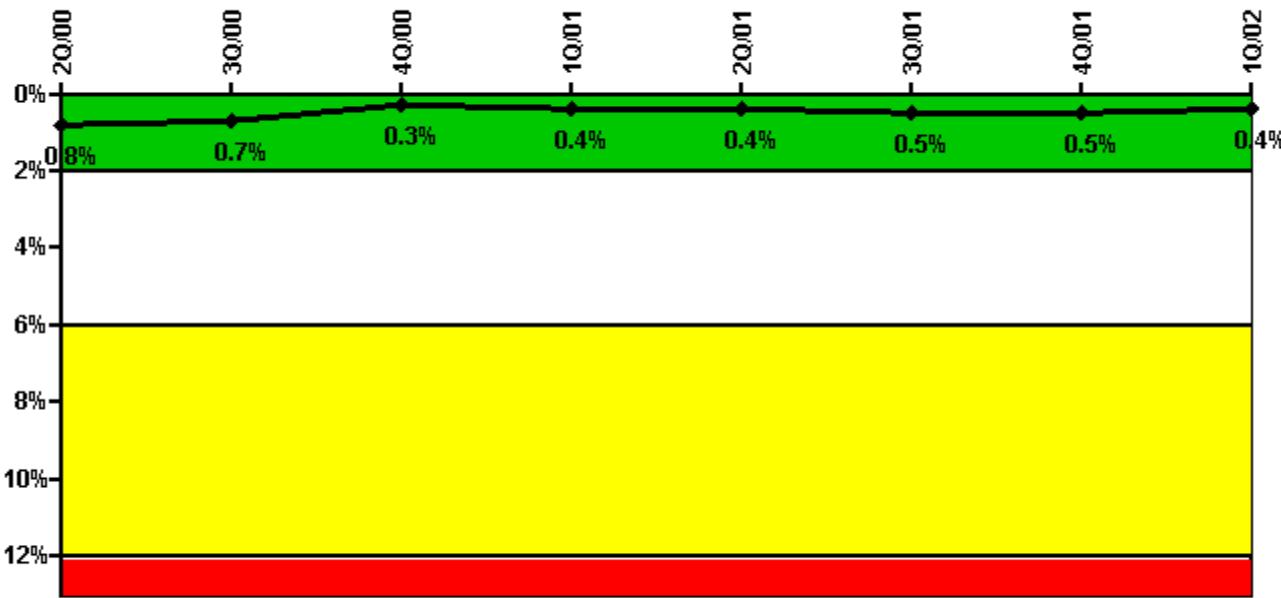
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	3.20	1.60	24.30	1.00	0.50	0.40	0.40	1.50
Unplanned unavailable hours	0	0	0	0	0	0	0	2.90
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	1706.20	2208.00	2193.00	2160.00
Train 2								
Planned unavailable hours	0.70	0.40	35.80	6.60	0.80	12.60	1.00	1.20
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	1706.20	2208.00	2193.00	2160.00
Indicator value	0.3%	0.3%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



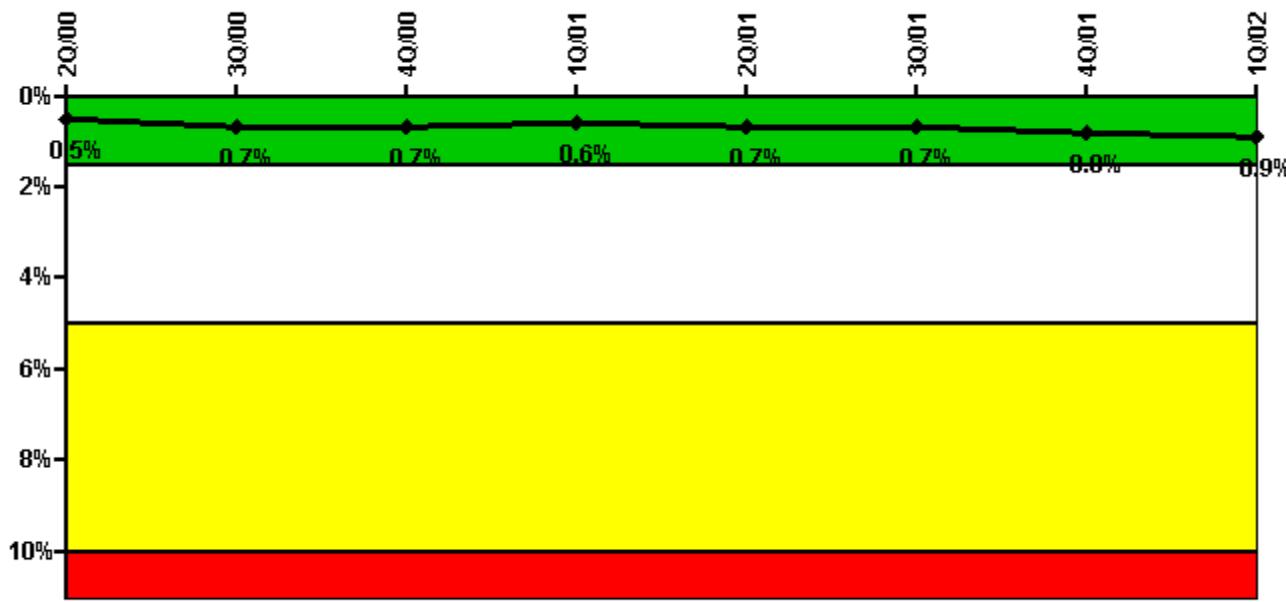
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	0	0	2.90	2.30	1.40	4.50	4.20	4.90
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	1606.00	2208.00	2166.00	2160.00
Train 2								
Planned unavailable hours	0	0	1.80	3.00	0.60	3.20	2.00	1.40
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	1606.00	2208.00	2166.00	2160.00
Train 3								
Planned unavailable hours	0	1.37	16.20	32.60	0.80	8.60	5.90	3.10
Unplanned unavailable hours	0	0	0	0	1.70	0	1.80	0
Fault exposure hours	0	0	0	40.30	25.70	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	1606.00	2208.00	2166.00	2160.00
Indicator value	0.8%	0.7%	0.3%	0.4%	0.4%	0.5%	0.5%	0.4%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

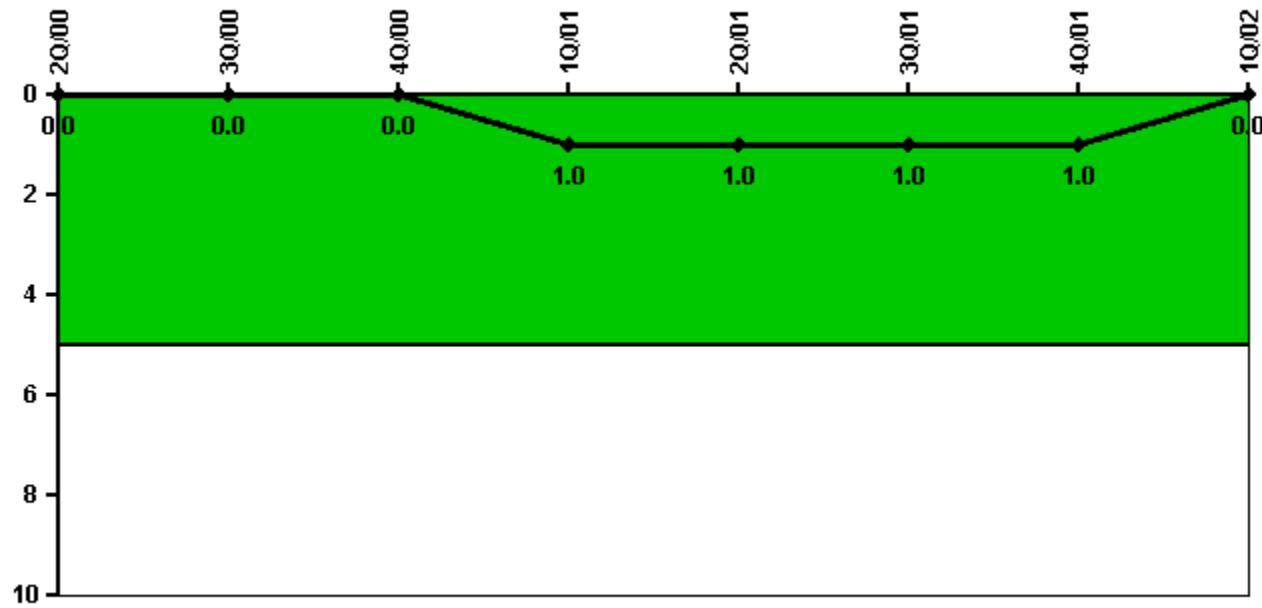


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System		2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1									
Planned unavailable hours		45.10	61.90	28.50	22.00	45.00	3.60	1.50	49.50
Unplanned unavailable hours		0	0	0	0	0	20.60	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		2183.00	2208.00	2209.00	2160.00	1578.00	2208.00	2173.30	2160.00
Train 2									
Planned unavailable hours		37.60	53.90	21.40	29.50	10.90	0.40	14.80	49.20
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	1578.00	2208.00	2173.30	2160.00
Train 3									
Planned unavailable hours		0	0	0	0	4.70	0	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		0	0	0	0	578.30	0	43.00	0
Train 4									
Planned unavailable hours		0	0	0	0	0	0	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		0	0	0	0	578.30	0	43.00	0
Indicator value		0.5%	0.7%	0.7%	0.6%	0.7%	0.7%	0.8%	0.9%

Licensee Comments: none

Safety System Functional Failures (PWR)

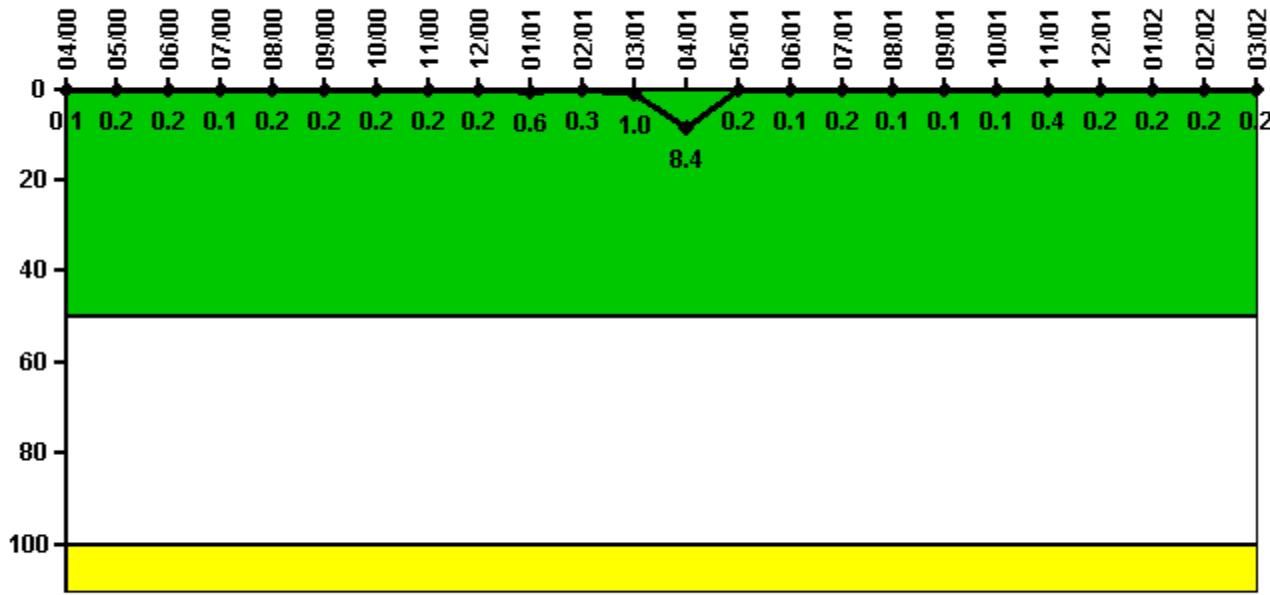
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
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

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

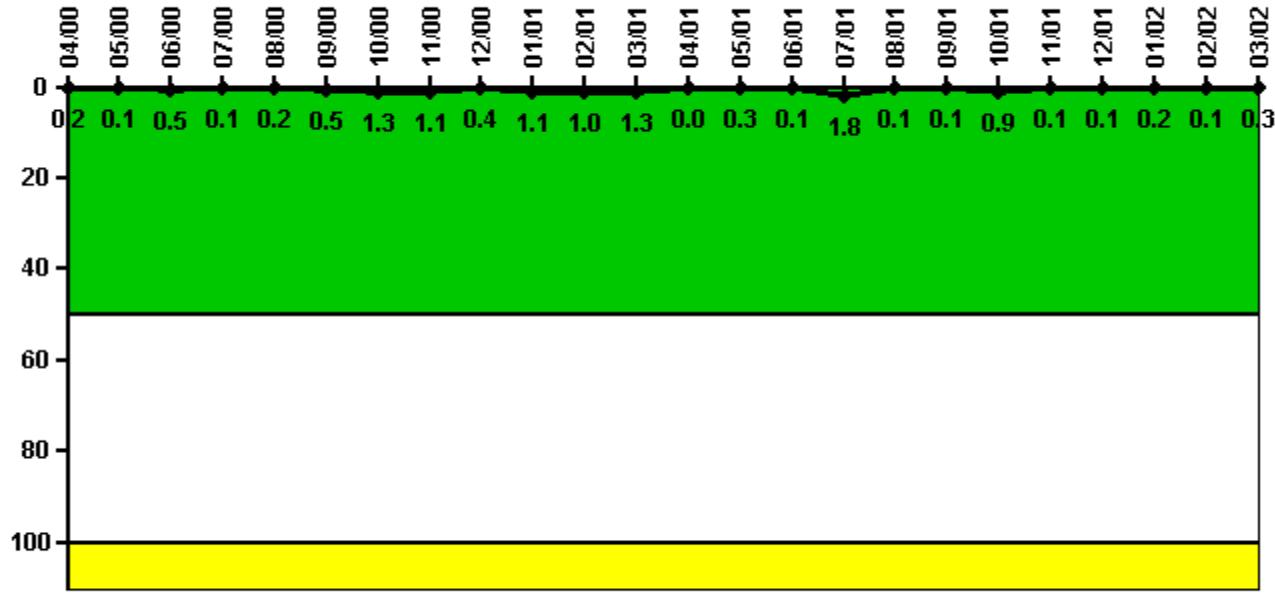
Notes

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	0.001400	0.001500	0.001530	0.001450	0.002110	0.001560	0.001790	0.001800	0.001760	0.005530	0.003090	0.010100
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.6	0.3	1.0

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	0.083700	0.001870	0.001260	0.002060	0.001240	0.001260	0.001320	0.004170	0.001660	0.001840	0.001870	0.002040
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	8.4	0.2	0.1	0.2	0.1	0.1	0.1	0.4	0.2	0.2	0.2	0.2

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

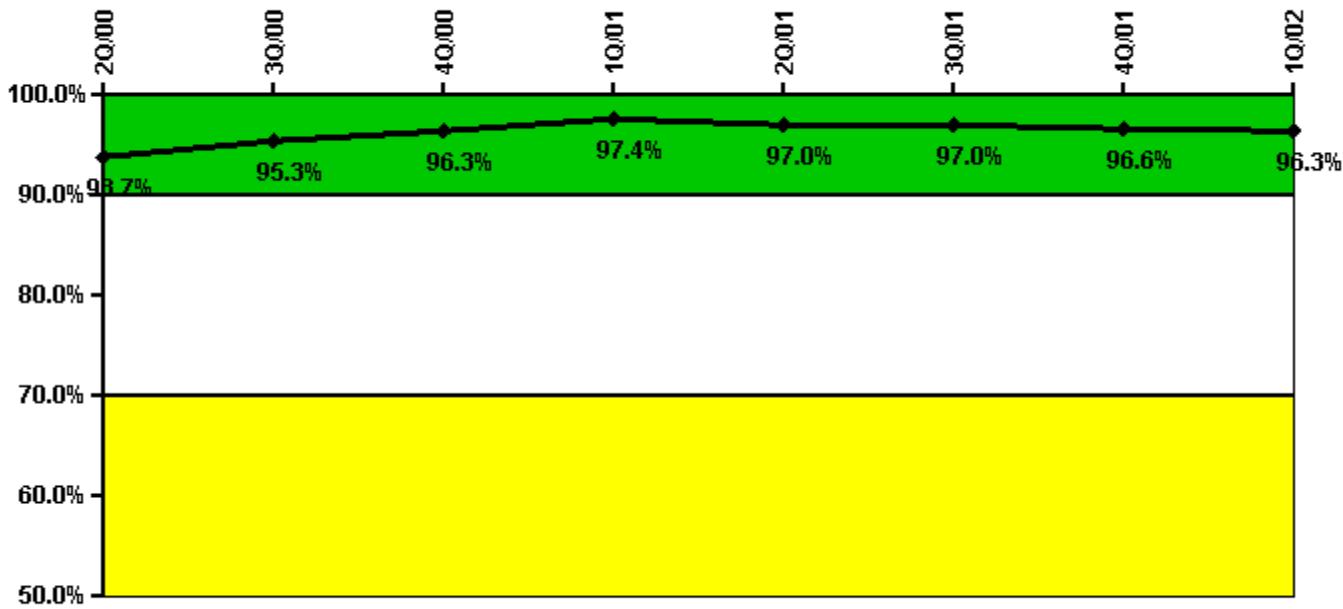
Notes

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	0.020	0.010	0.050	0.010	0.020	0.050	0.130	0.110	0.040	0.110	0.100	0.130
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.1	0.5	0.1	0.2	0.5	1.3	1.1	0.4	1.1	1.0	1.3

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	0	0.030	0.010	0.180	0.010	0.010	0.090	0.010	0.010	0.020	0.010	0.030
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0.3	0.1	1.8	0.1	0.1	0.9	0.1	0.1	0.2	0.1	0.3

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

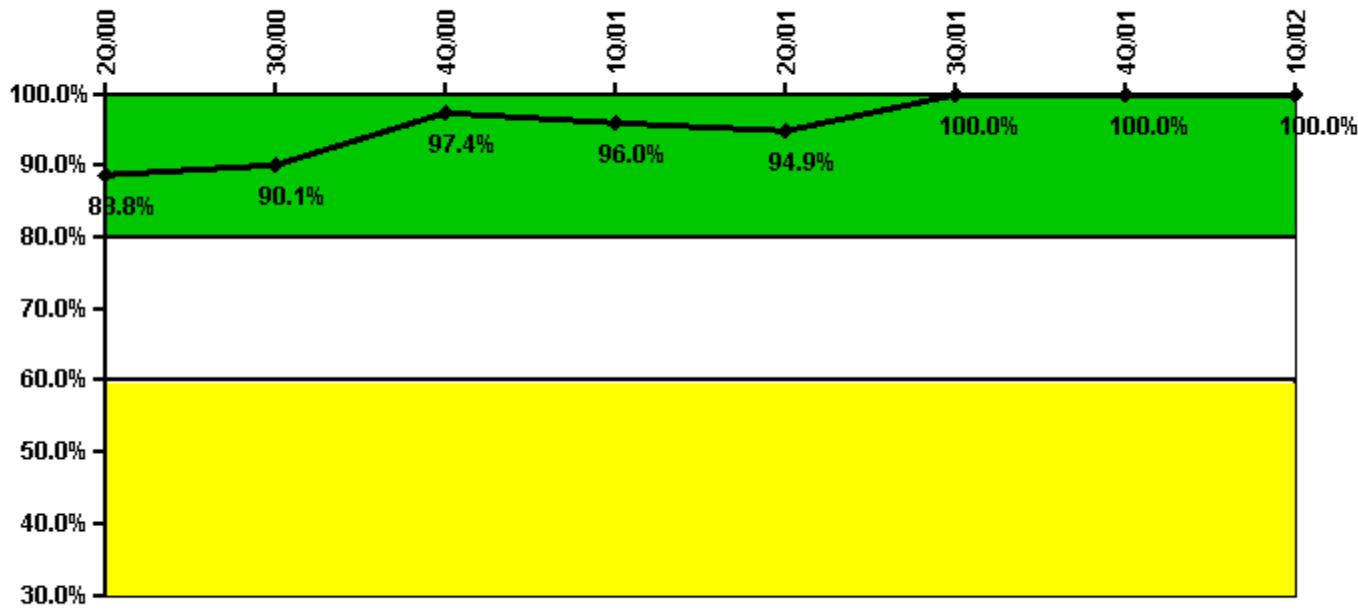
Drill/Exercise Performance	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Successful opportunities	8.0	65.0	127.0	8.0	39.0	82.0	12.0	47.0
Total opportunities	9.0	65.0	130.0	8.0	43.0	85.0	13.0	50.0
Indicator value	93.7%	95.3%	96.3%	97.4%	97.0%	97.0%	96.6%	96.3%

Licensee Comments:

4Q/01: Minor corrections added one opportunity and one success.

2Q/01: Minor correction - added two uncounted notifications and two successes

ERO Drill Participation



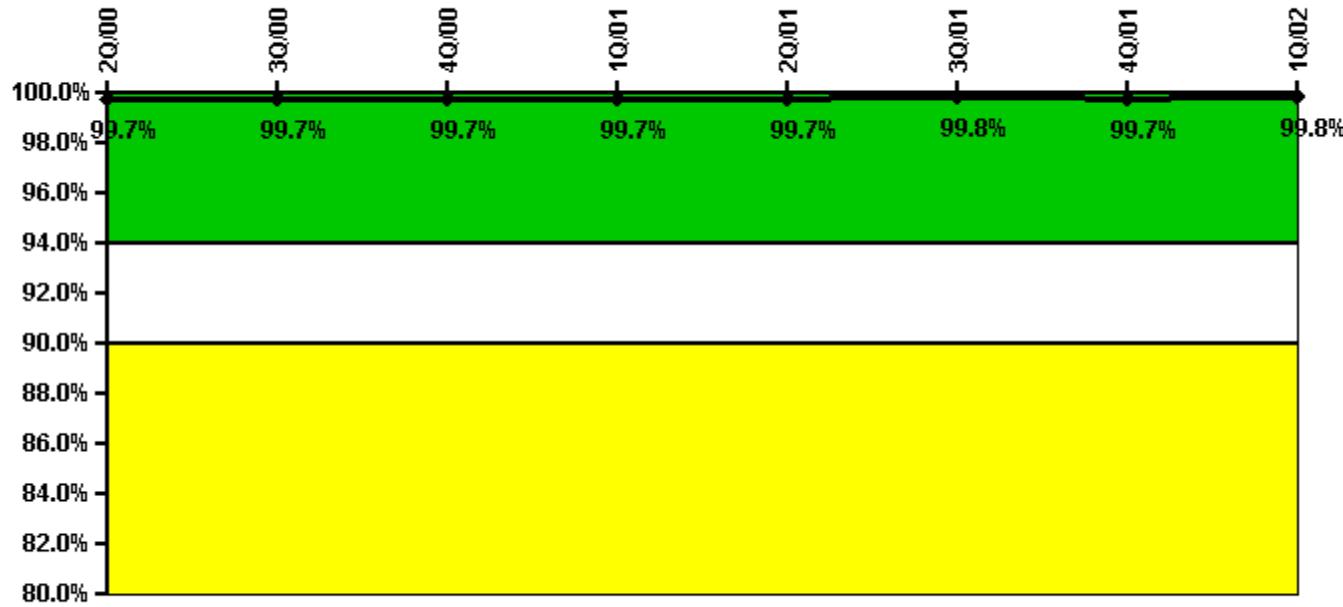
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Participating Key personnel	71.0	73.0	75.0	72.0	75.0	79.0	72.0	72.0
Total Key personnel	80.0	81.0	77.0	75.0	79.0	79.0	72.0	72.0
Indicator value	88.8%	90.1%	97.4%	96.0%	94.9%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

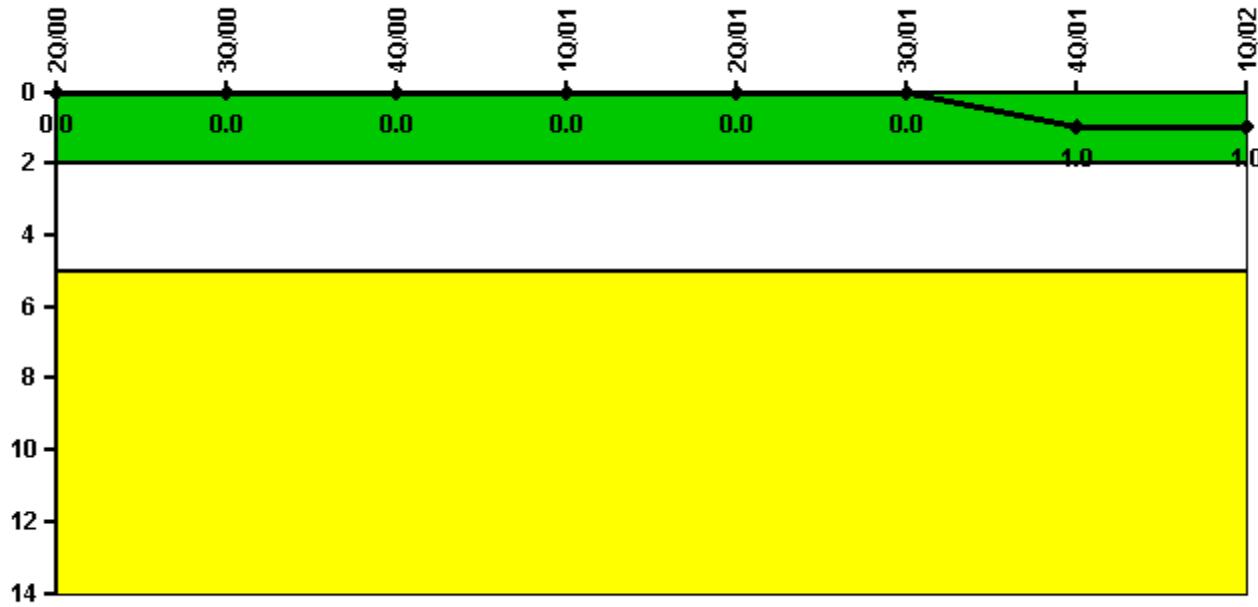
Notes

Alert & Notification System	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Successful siren-tests	519	694	522	607	521	703	527	704
Total sirens-tests	522	696	522	609	523	704	528	704
Indicator value	99.7%	99.7%	99.7%	99.7%	99.7%	99.8%	99.7%	99.8%

Licensee Comments:

4Q/01: Corrected to reflect data miscount, added 88 to each data element

Occupational Exposure Control Effectiveness

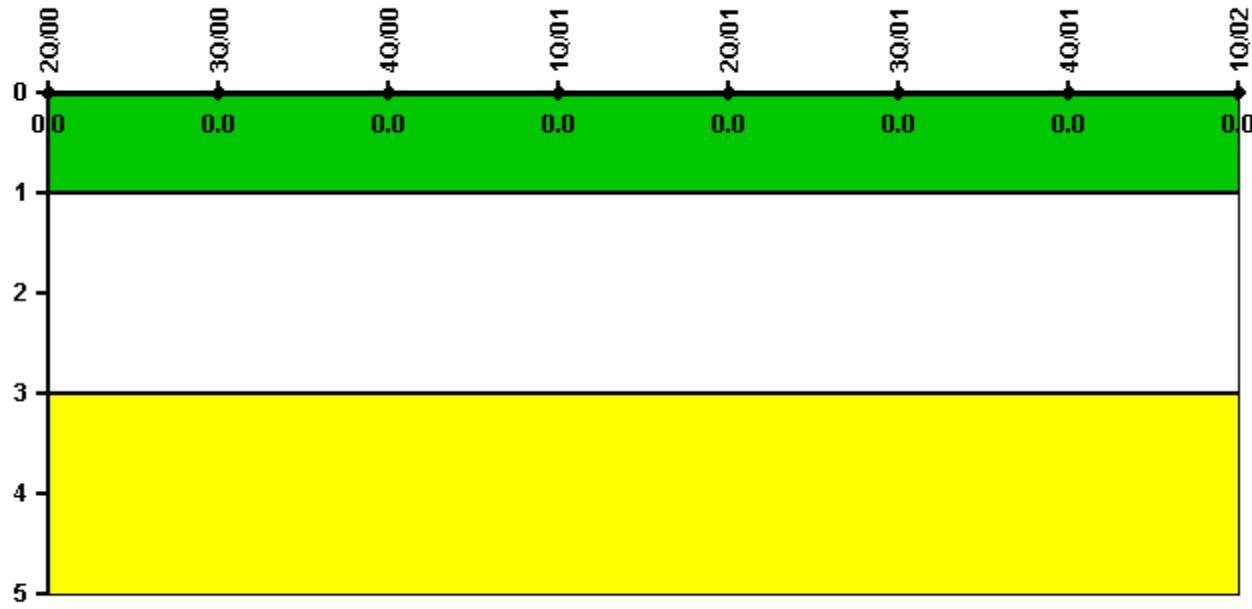


Thresholds: White > 2.0 Yellow > 5.0

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
Indicator value	0	0	0	0	0	0	1	1

Licensee Comments: none

RETS/ODCM Radiological Effluent

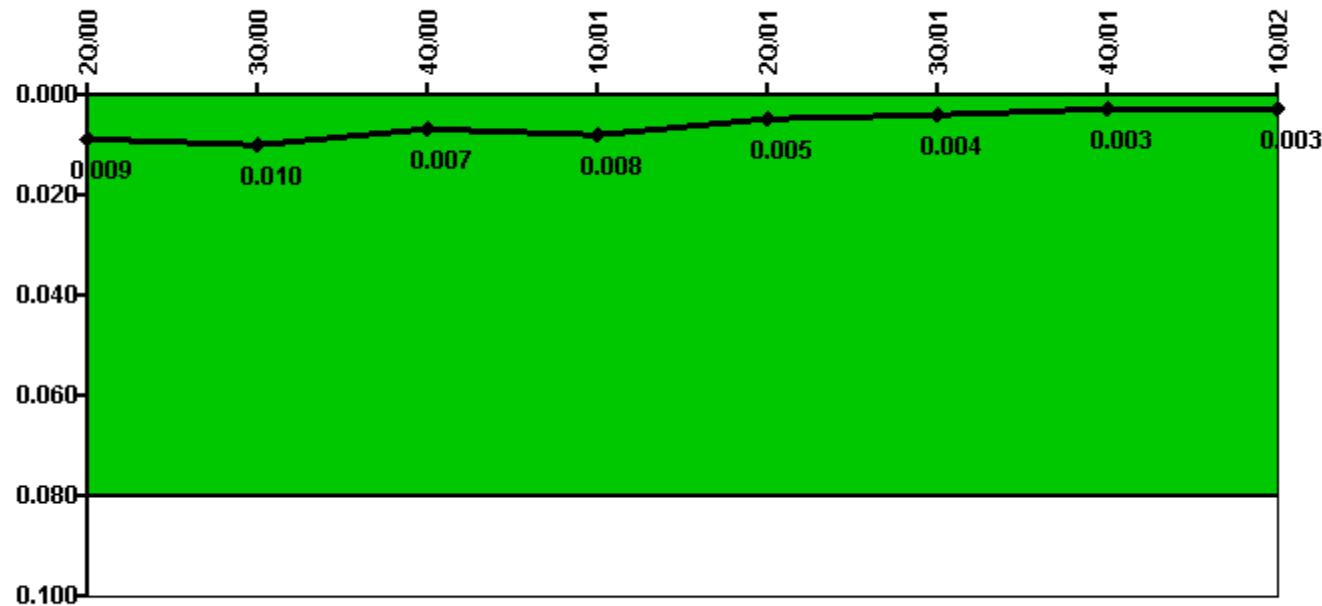
Thresholds: White > 1.0 Yellow > 3.0

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

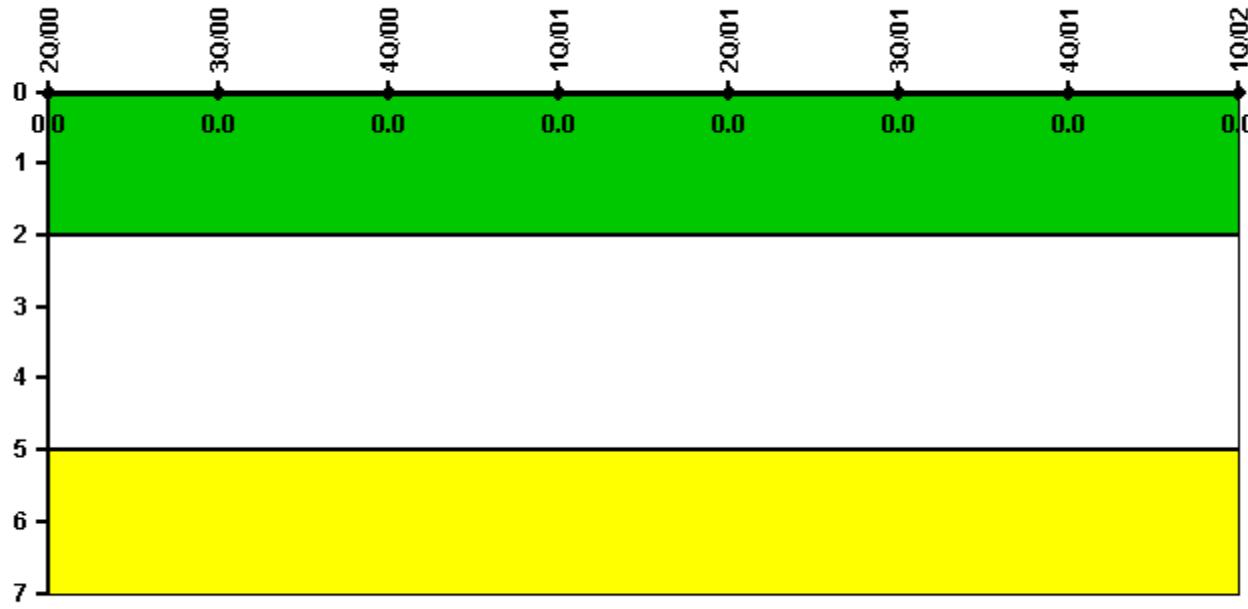


Thresholds: White > 0.080

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	99.00	106.00	25.60	12.75	0	81.20	2.70	15.60
CCTV compensatory hours	1.5	0	0	0	0	0	0	0
IDS normalization factor	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80
CCTV normalization factor	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Index Value	0.009	0.010	0.007	0.008	0.005	0.004	0.003	0.003

Licensee Comments: none

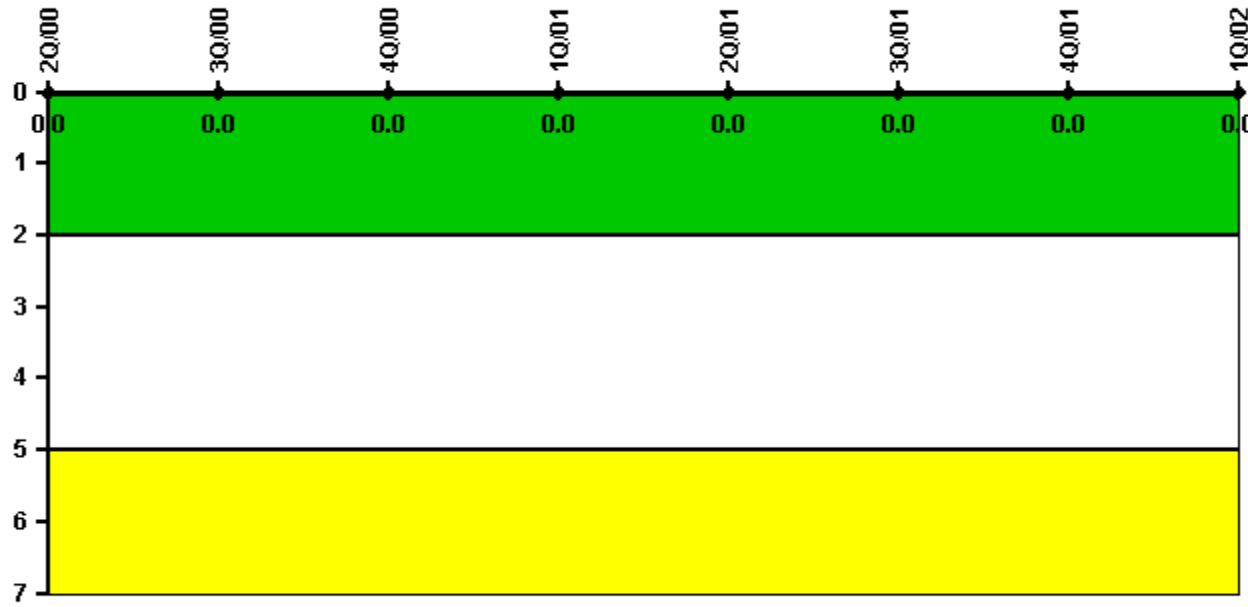
Personnel Screening Program

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](#)

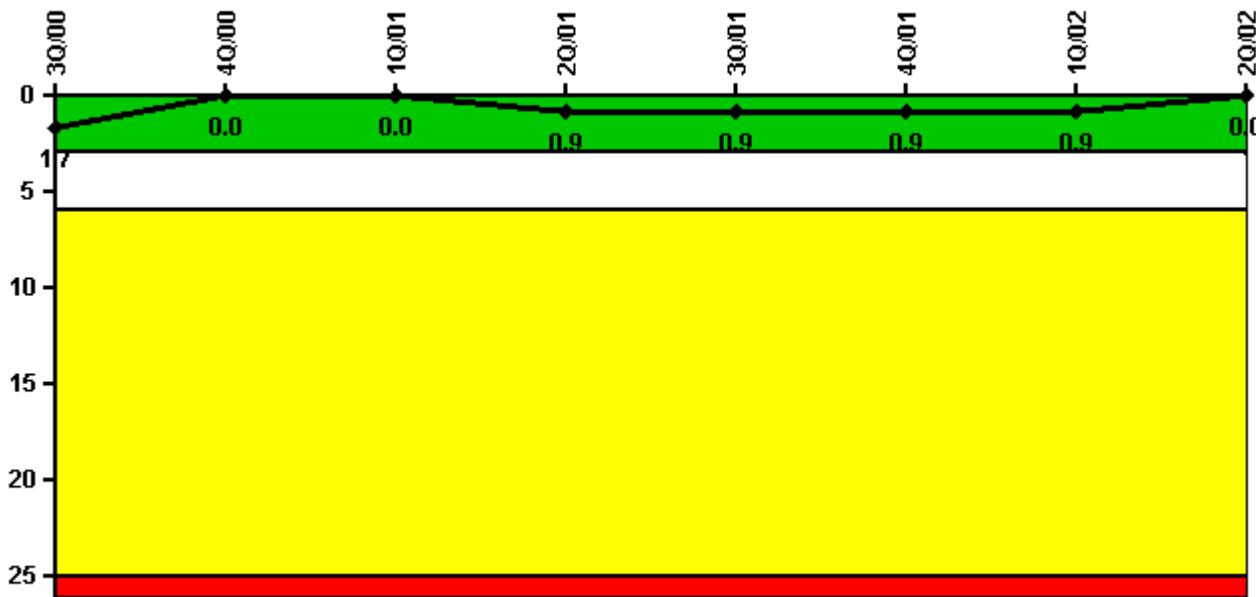
Last Modified: May 1, 2002

Saint Lucie 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	0	1.0	0	0	0	0
Critical hours	2208.0	2209.0	2160.0	1505.2	2208.0	2125.4	2160.0	2183.0
Indicator value	1.7	0	0	0.9	0.9	0.9	0.9	0

Licensee Comments: none

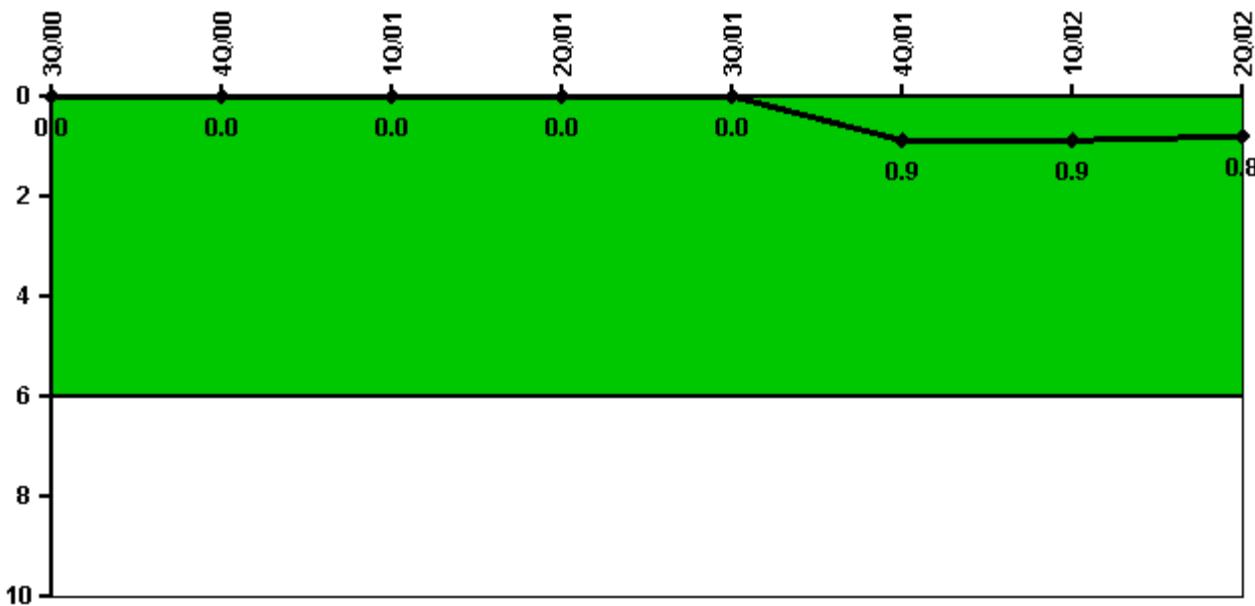
Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	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

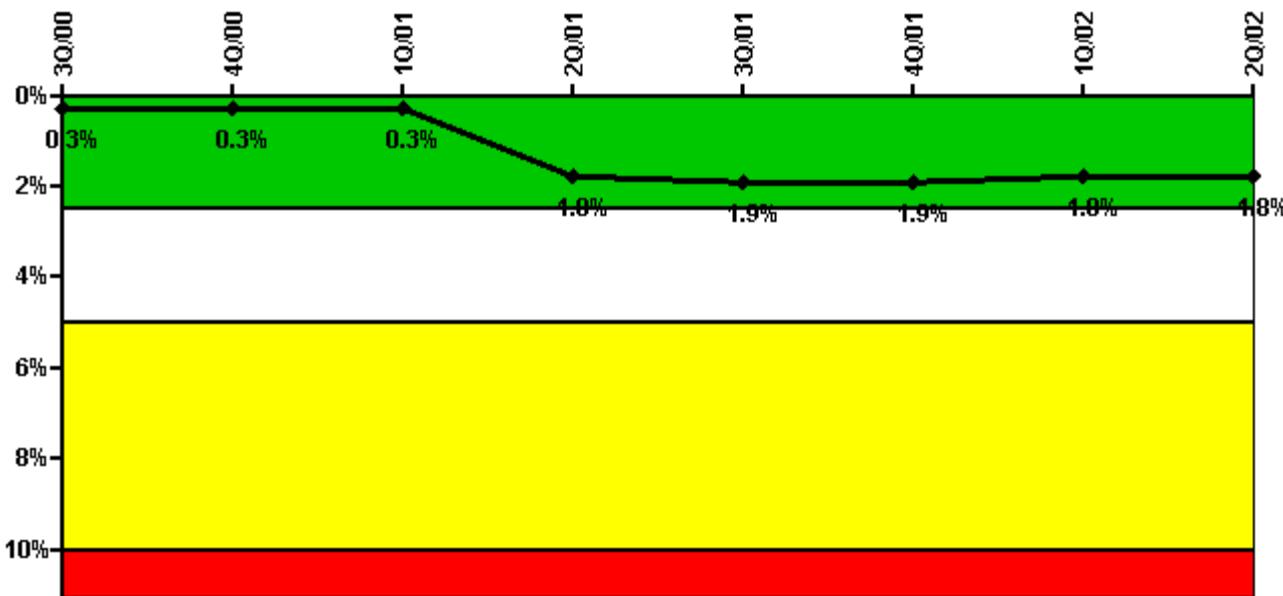
Thresholds: White > 6.0

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	1.0	0	0
Critical hours	2208.0	2209.0	2160.0	1505.2	2208.0	2125.4	2160.0	2183.0
Indicator value	0	0	0	0	0	0.9	0.9	0.8

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



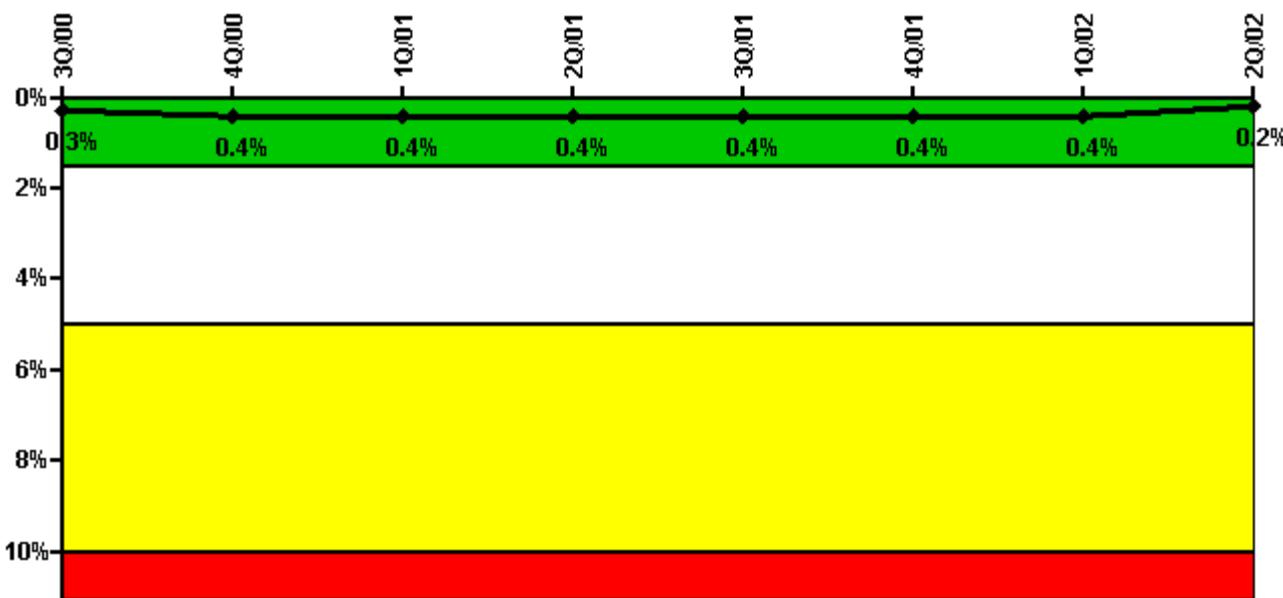
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours	6.90	2.90	8.10	3.00	51.70	4.80	5.20	6.20
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	1945.60	2208.00	2208.00	2160.00	2183.00
Train 2								
Planned unavailable hours	3.90	4.10	3.90	0	4.60	3.30	7.00	6.90
Unplanned unavailable hours	0	0	0	190.00	0	0	0	0
Fault exposure hours	0	0	0	555.00	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	1945.60	2208.00	2208.00	2160.00	2183.00
Indicator value	0.3%	0.3%	0.3%	1.8%	1.9%	1.9%	1.8%	1.8%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



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

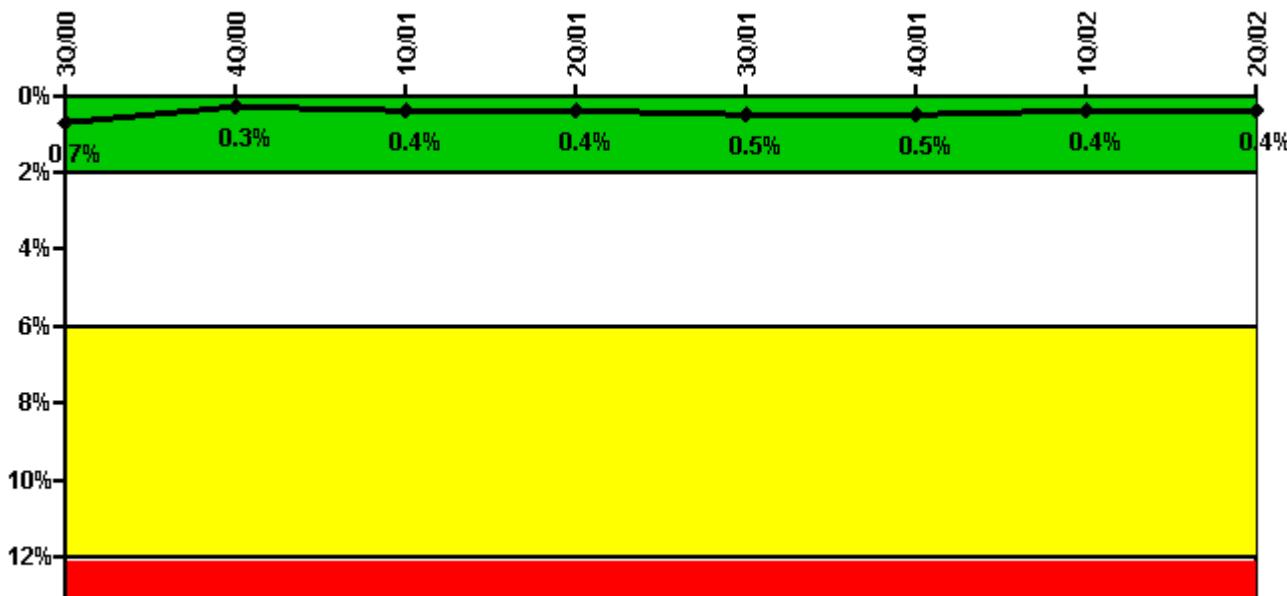
Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours	1.60	24.30	1.00	0.50	0.40	0.40	1.50	0.60
Unplanned unavailable hours	0	0	0	0	0	0	2.90	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	1706.20	2208.00	2193.00	2160.00	2183.00
Train 2								
Planned unavailable hours	0.40	35.80	6.60	0.80	12.60	1.00	1.20	3.70
Unplanned unavailable hours	0	0	0	0	0	0	0	10.60
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	2160.00	1706.20	2208.00	2193.00	2160.00	2183.00
Indicator value	0.3%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.2%

Licensee Comments:

2Q/02: Train B had 178.2 hours of T/2 fault exposure hours.

Safety System Unavailability, Heat Removal System (AFW)



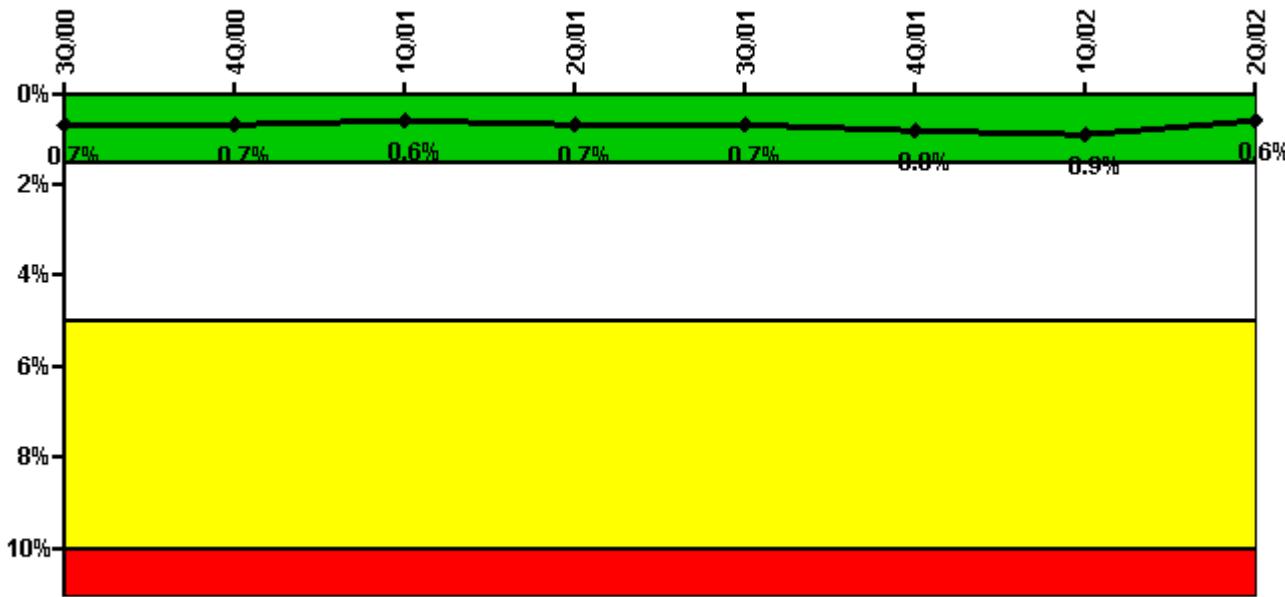
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)		3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1									
Planned unavailable hours		0	2.90	2.30	1.40	4.50	4.20	4.90	3.30
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	1606.00	2208.00	2166.00	2160.00	2183.00
Train 2									
Planned unavailable hours		0	1.80	3.00	0.60	3.20	2.00	1.40	4.20
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	1606.00	2208.00	2166.00	2160.00	2183.00
Train 3									
Planned unavailable hours		1.37	16.20	32.60	0.80	8.60	5.90	3.10	10.00
Unplanned unavailable hours		0	0	0	1.70	0	1.80	0	0
Fault exposure hours		0	0	40.30	25.70	0	0	0	0
Effective Reset hours		0	0	0	0	0	0	0	0
Required hours		2208.00	2209.00	2160.00	1606.00	2208.00	2166.00	2160.00	2183.00
Indicator value		0.7%	0.3%	0.4%	0.4%	0.5%	0.5%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



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

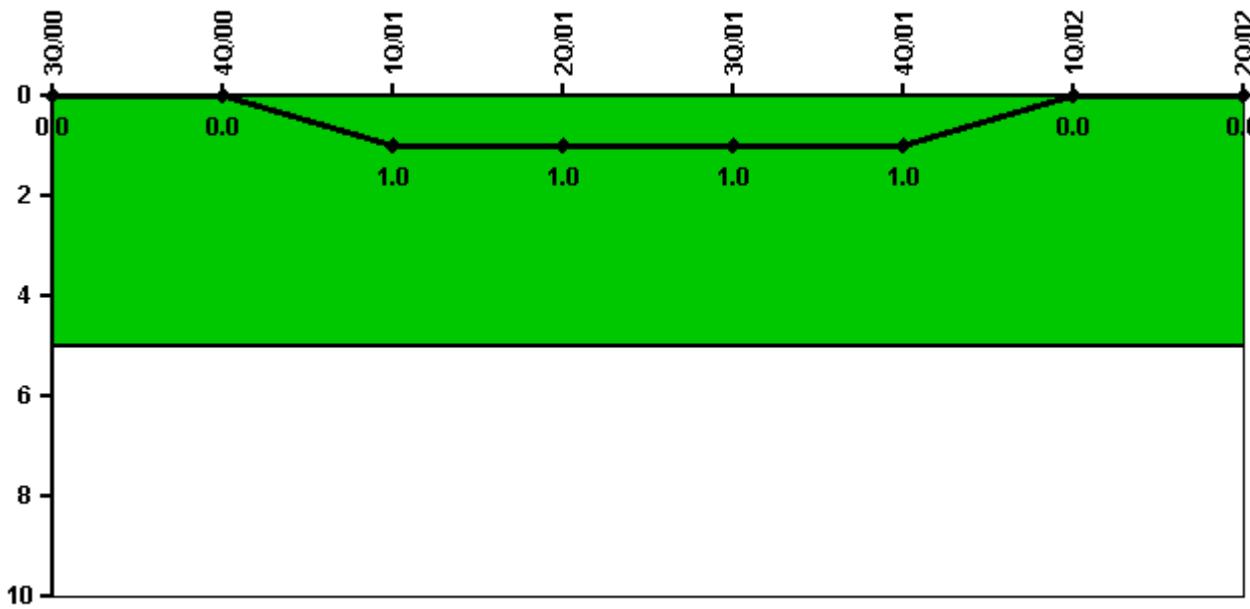
Notes

Safety System Unavailability, Residual Heat Removal System		3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1									
Planned unavailable hours		61.90	28.50	22.00	45.00	3.60	1.50	49.50	13.50
Unplanned unavailable hours		0	0	0	0	20.60	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		2208.00	2209.00	2160.00	1578.00	2208.00	2173.30	2160.00	2183.00
Train 2									
Planned unavailable hours		53.90	21.40	29.50	10.90	0.40	14.80	49.20	2.60
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	1578.00	2208.00	2173.30	2160.00	2183.00
Train 3									
Planned unavailable hours		0	0	0	4.70	0	0	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		0	0	0	578.30	0	43.00	0	0
Train 4									

Planned unavailable hours	0	0	0	0	0	0	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	0	0	0	578.30	0	43.00	0	0
Indicator value	0.7%	0.7%	0.6%	0.7%	0.7%	0.8%	0.9%	0.6%

Licensee Comments: none

Safety System Functional Failures (PWR)



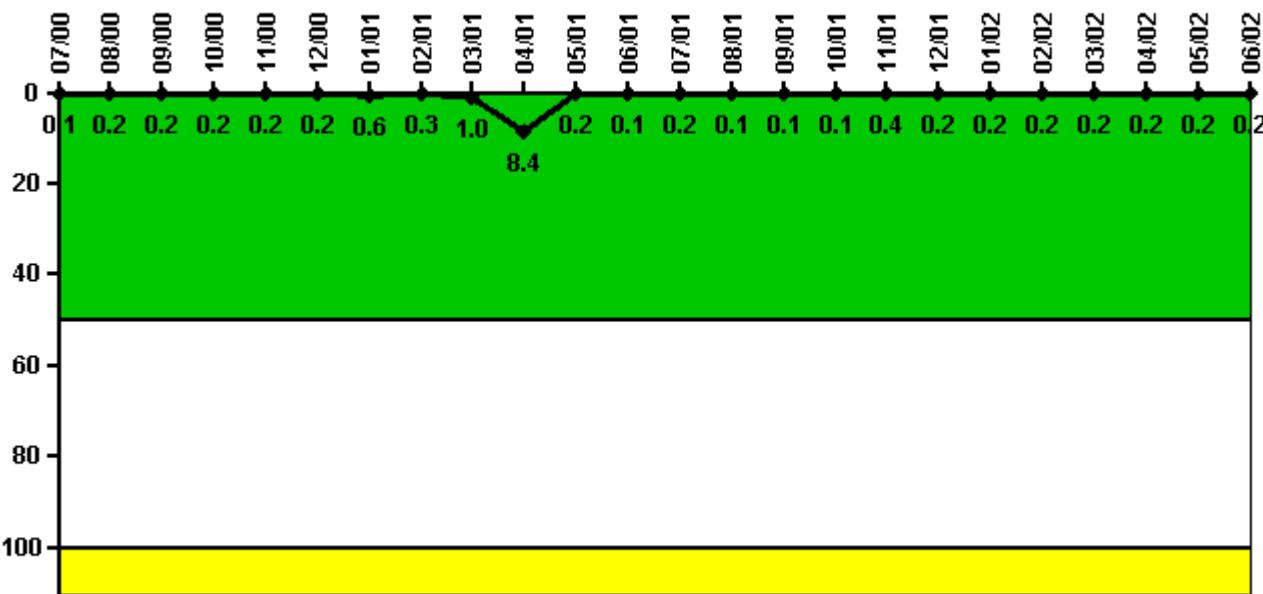
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
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

Reactor Coolant System Activity



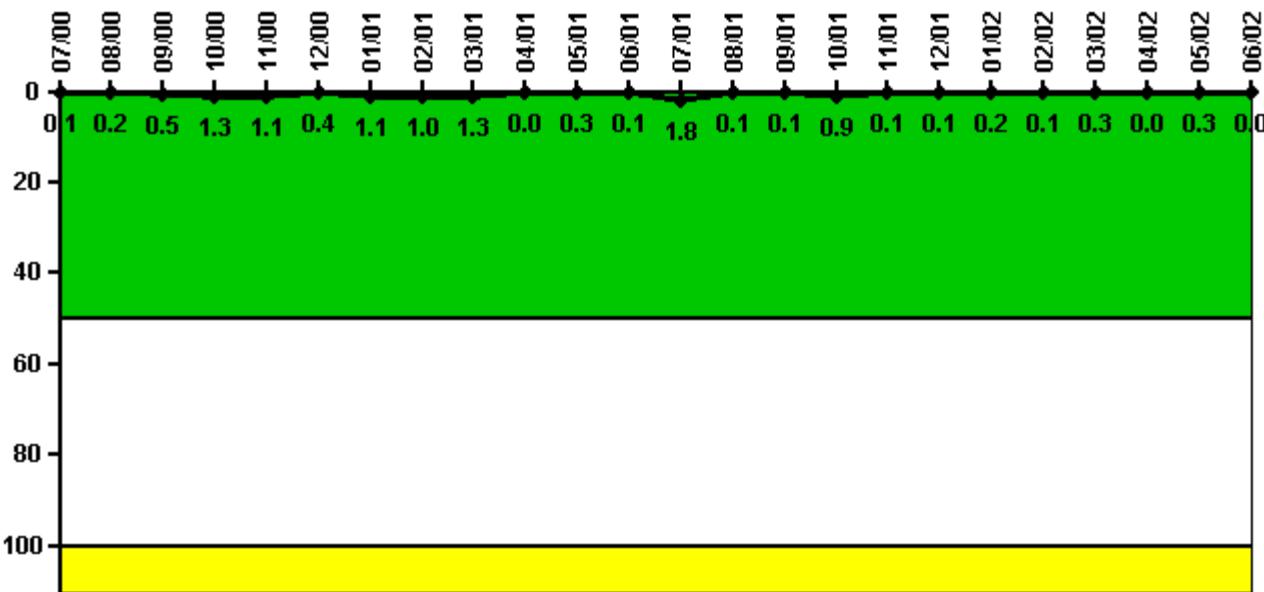
Thresholds: White > 50.0 Yellow > 100.0

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	0.001450	0.002110	0.001560	0.001790	0.001800	0.001760	0.005530	0.003090	0.010100	0.083700	0.001870	0.001260
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.2	0.2	0.2	0.2	0.2	0.6	0.3	1.0	8.4	0.2	0.1
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	0.002060	0.001240	0.001260	0.001320	0.004170	0.001660	0.001840	0.001870	0.002040	0.002310	0.001540	0.001820
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.2	0.1	0.1	0.1	0.4	0.2						

Licensee Comments: none

Reactor Coolant System Leakage

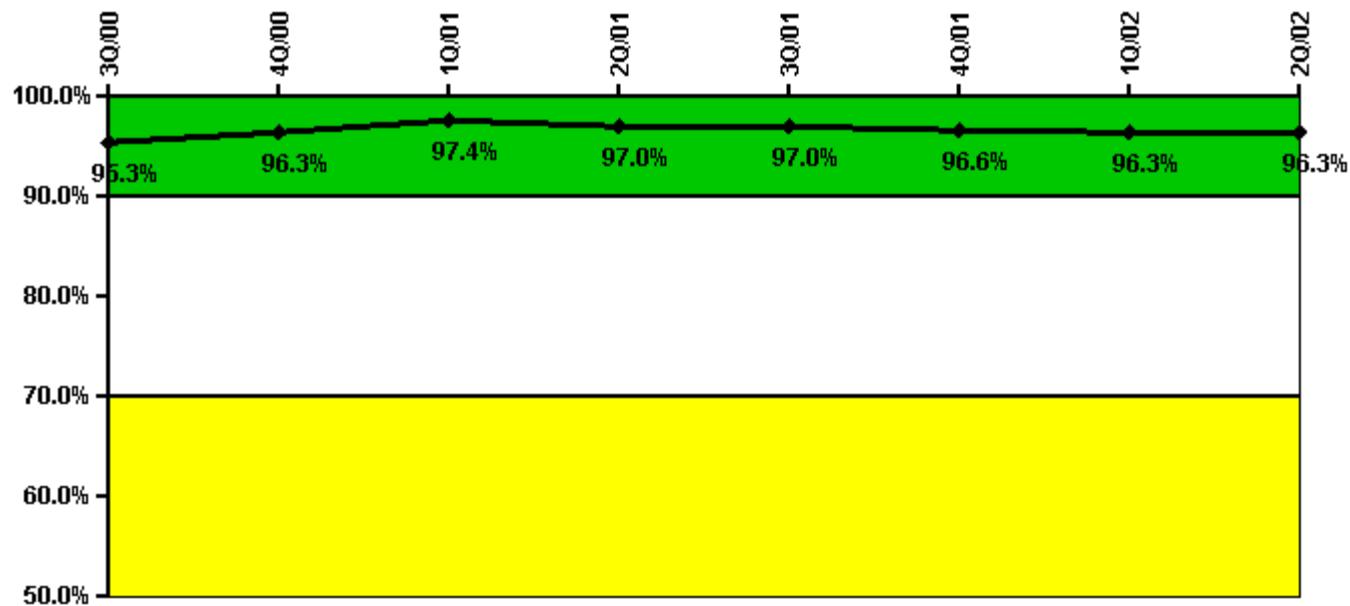


Thresholds: White > 50.0 Yellow > 100.0

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	0.010	0.020	0.050	0.130	0.110	0.040	0.110	0.100	0.130	0	0.030	0.010
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.2	0.5	1.3	1.1	0.4	1.1	1.0	1.3	0	0.3	0.1
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	0.180	0.010	0.010	0.090	0.010	0.010	0.020	0.010	0.030	0	0.030	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.8	0.1	0.1	0.9	0.1	0.1	0.2	0.1	0.3	0	0.3	0

Licensee Comments: none

Drill/Exercise Performance

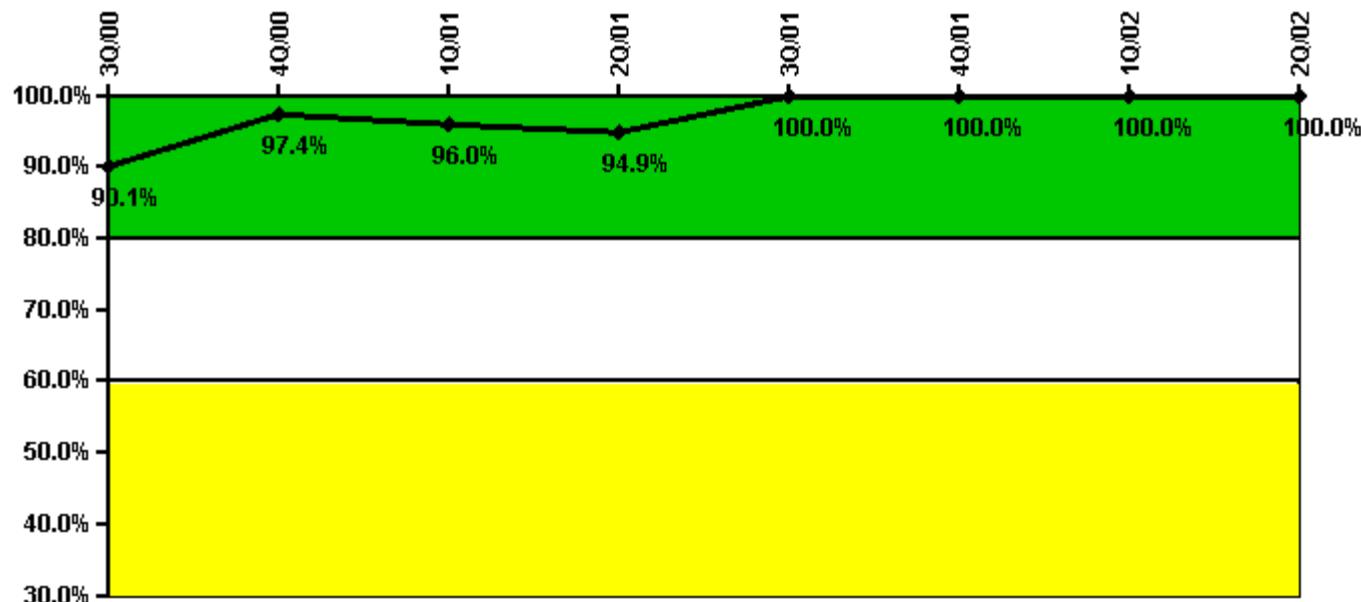
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Successful opportunities	65.0	127.0	8.0	39.0	82.0	12.0	47.0	13.0
Total opportunities	65.0	130.0	8.0	43.0	85.0	13.0	50.0	14.0
Indicator value	95.3%	96.3%	97.4%	97.0%	97.0%	96.6%	96.3%	96.3%

Licensee Comments: none

ERO Drill Participation

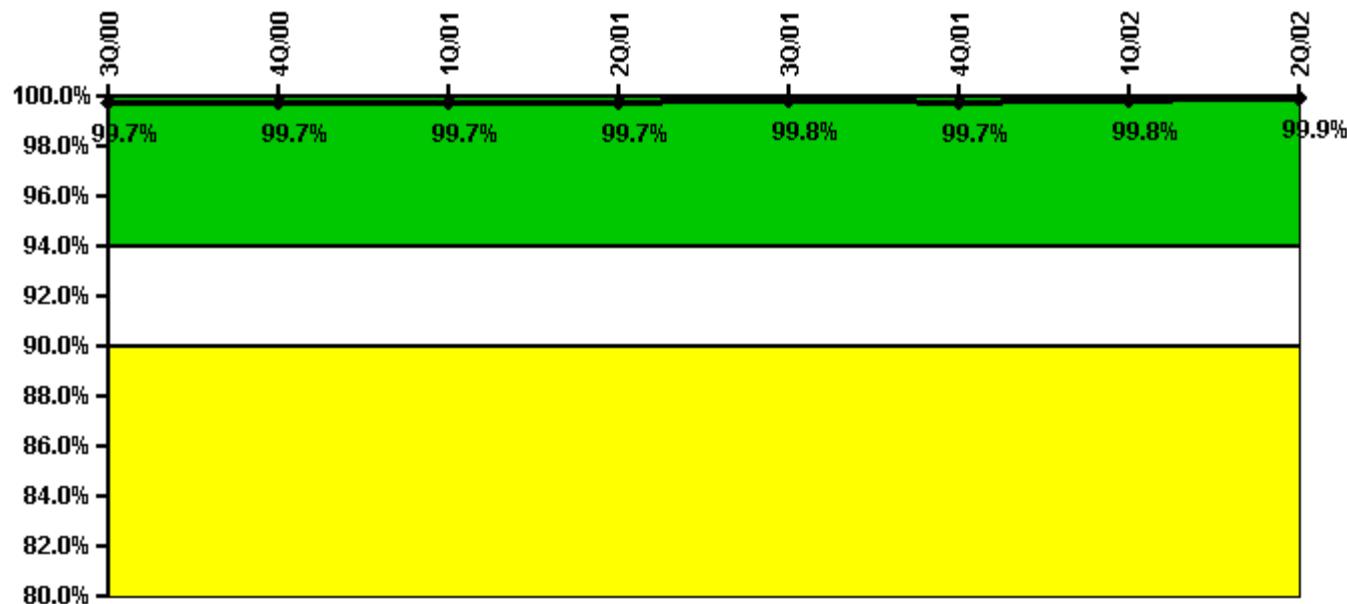


Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Participating Key personnel	73.0	75.0	72.0	75.0	79.0	72.0	72.0	75.0
Total Key personnel	81.0	77.0	75.0	79.0	79.0	72.0	72.0	75.0
Indicator value	90.1%	97.4%	96.0%	94.9%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

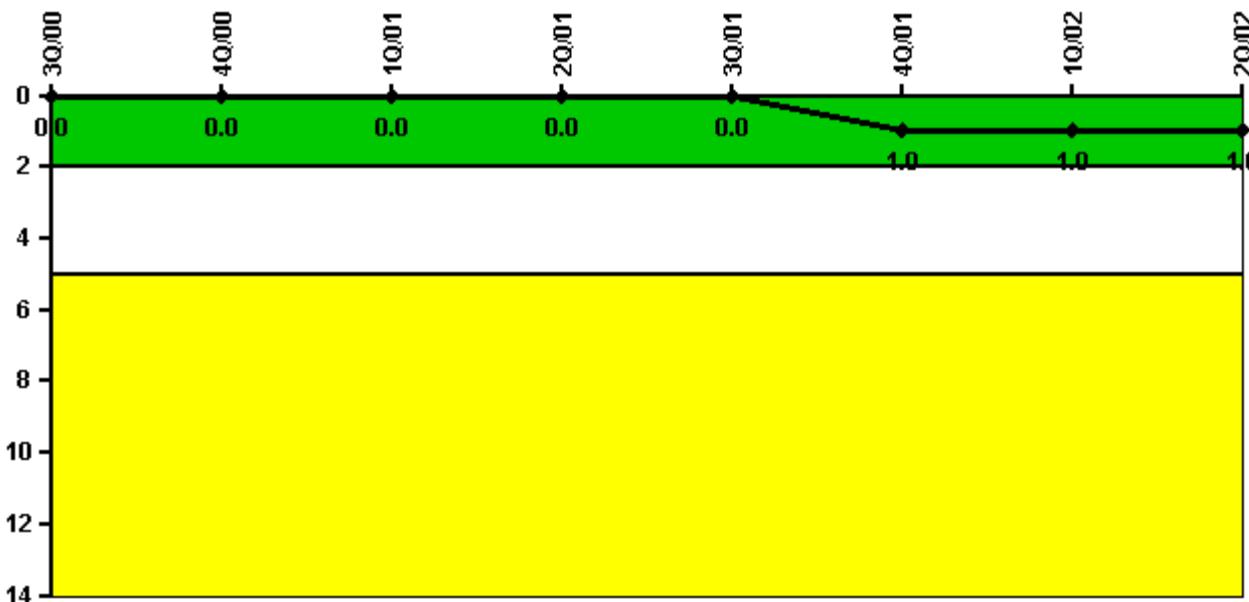
Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Successful siren-tests	694	522	607	521	703	527	704	527
Total sirens-tests	696	522	609	523	704	528	704	528
Indicator value	99.7%	99.7%	99.7%	99.7%	99.8%	99.7%	99.8%	99.9%

Licensee Comments: none

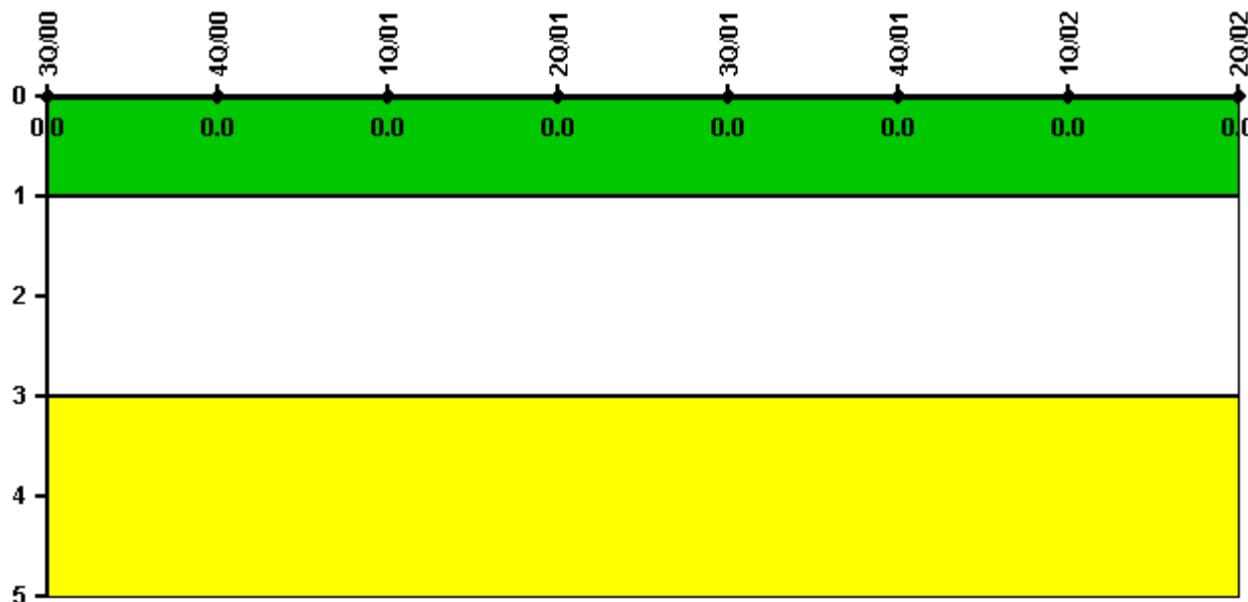
Occupational Exposure Control Effectiveness

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
Indicator value	0	0	0	0	0	1	1	1

Licensee Comments: none

RETS/ODCM Radiological Effluent

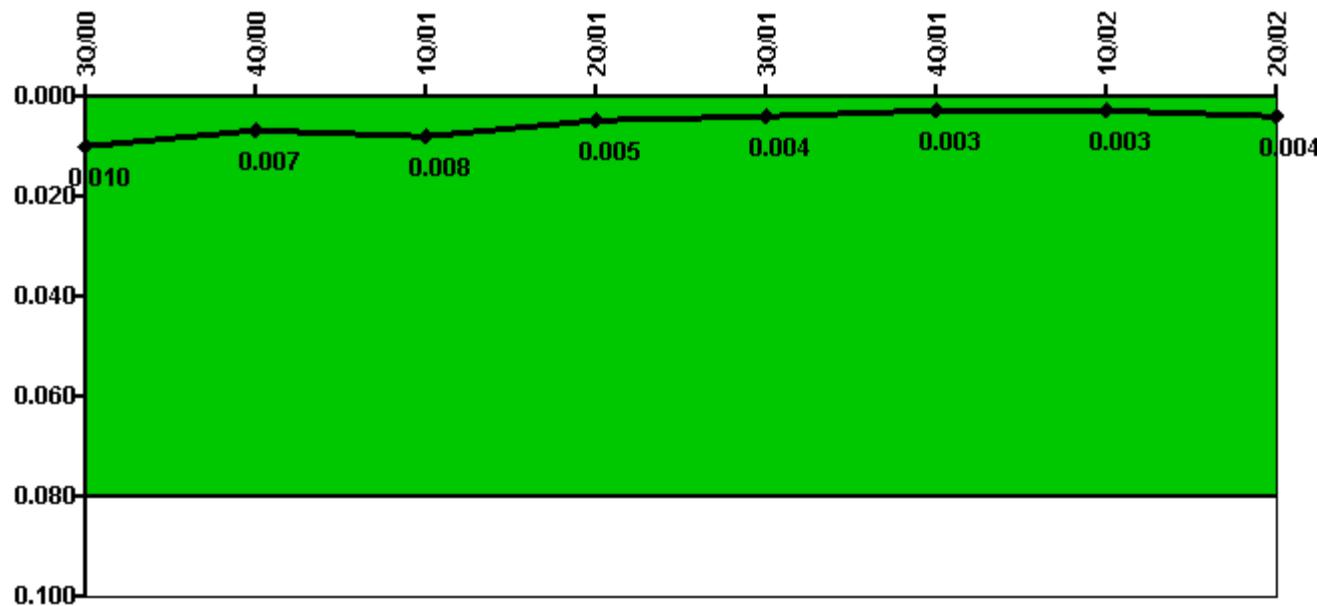
Thresholds: White > 1.0 Yellow > 3.0

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

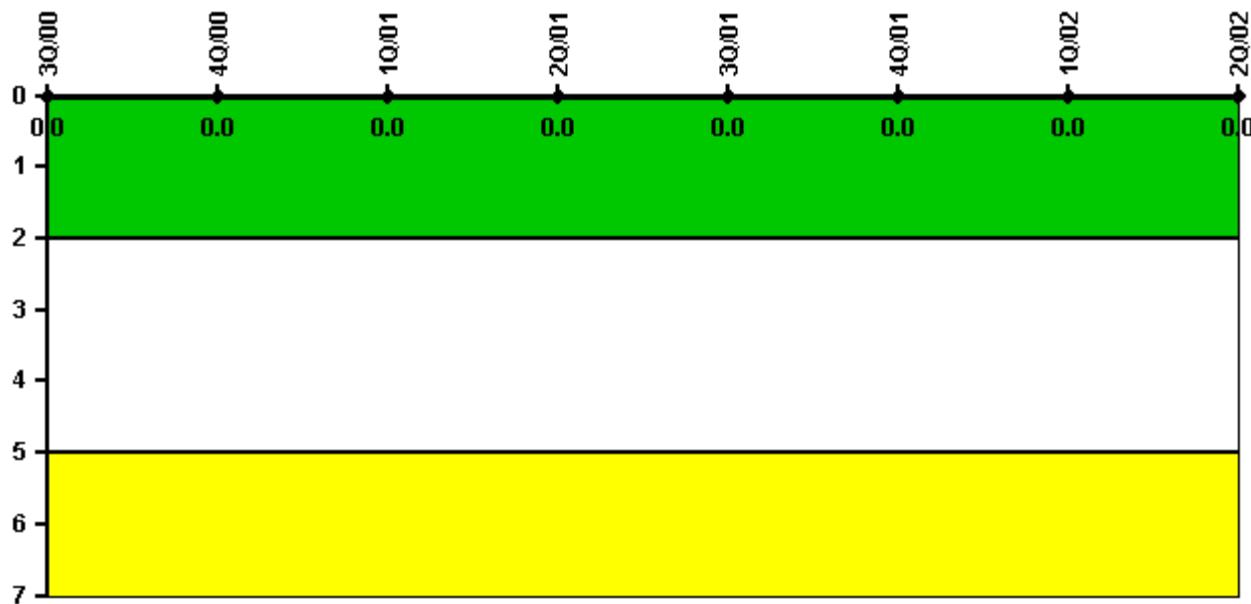


Thresholds: White > 0.080

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	106.00	25.60	12.75	0	81.20	2.70	15.60	39.30
CCTV compensatory hours	0	0	0	0	0	0	0	0
IDS normalization factor	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80
CCTV normalization factor	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Index Value	0.010	0.007	0.008	0.005	0.004	0.003	0.003	0.004

Licensee Comments: none

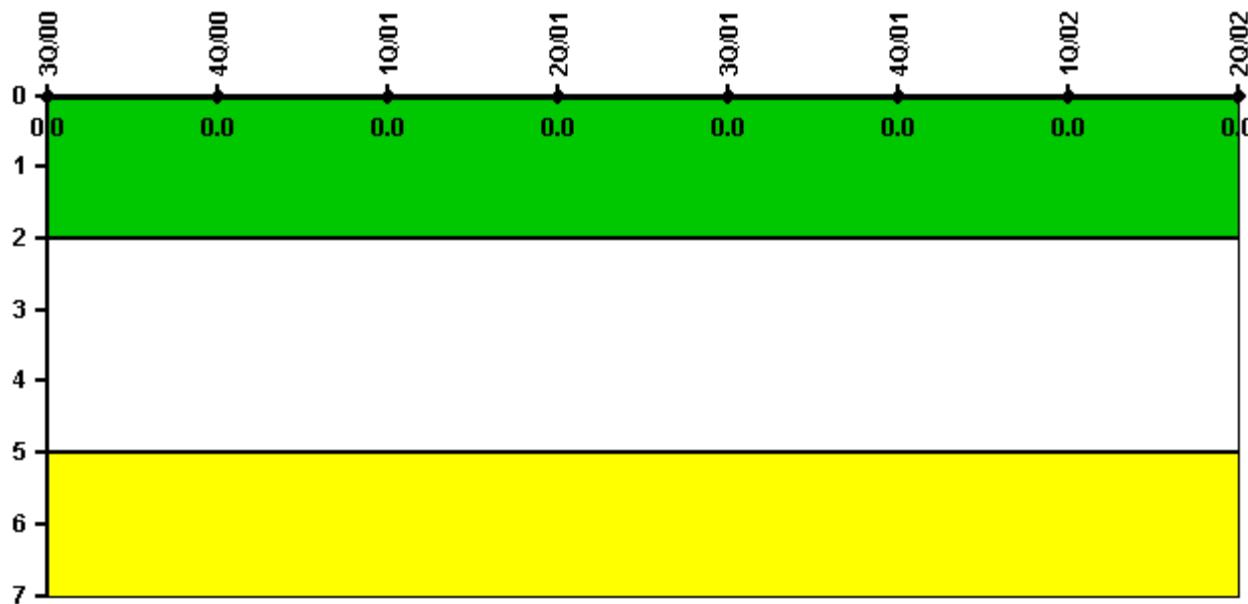
Personnel Screening Program

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

Saint Lucie 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	0	1.0	0	0	0	0	0
Critical hours	2209.0	2160.0	1505.2	2208.0	2125.4	2160.0	2183.0	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

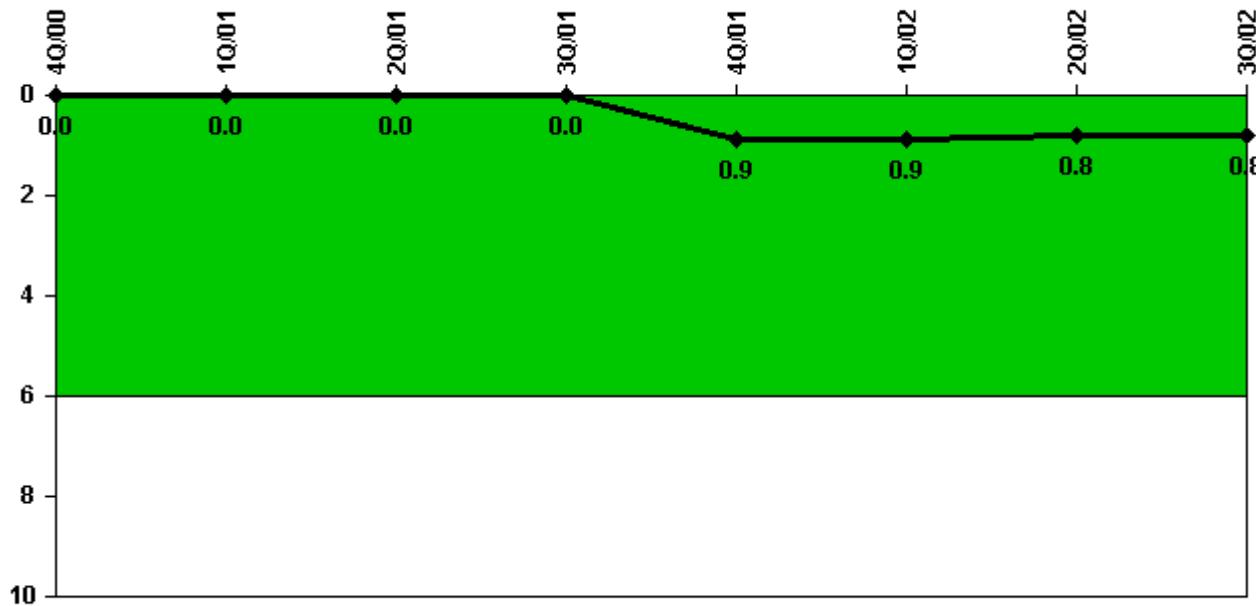
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	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

Unplanned Power Changes per 7000 Critical Hrs



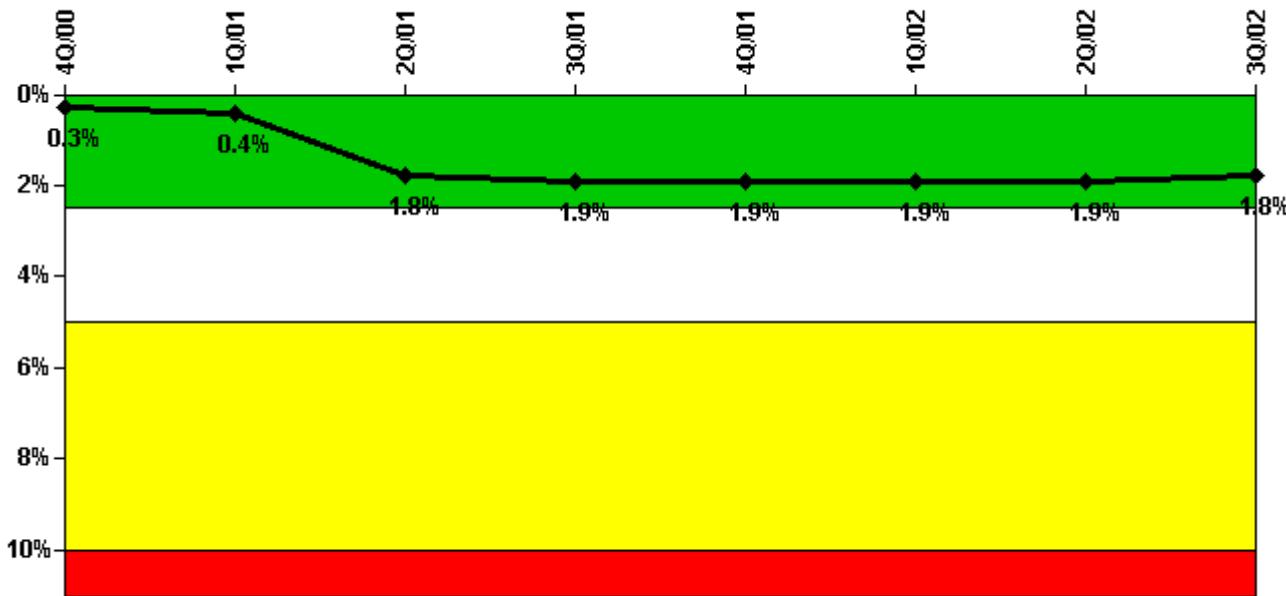
Thresholds: White > 6.0

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	1.0	0	0	0
Critical hours	2209.0	2160.0	1505.2	2208.0	2125.4	2160.0	2183.0	2184.0
Indicator value	0	0	0	0	0.9	0.9	0.8	0.8

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

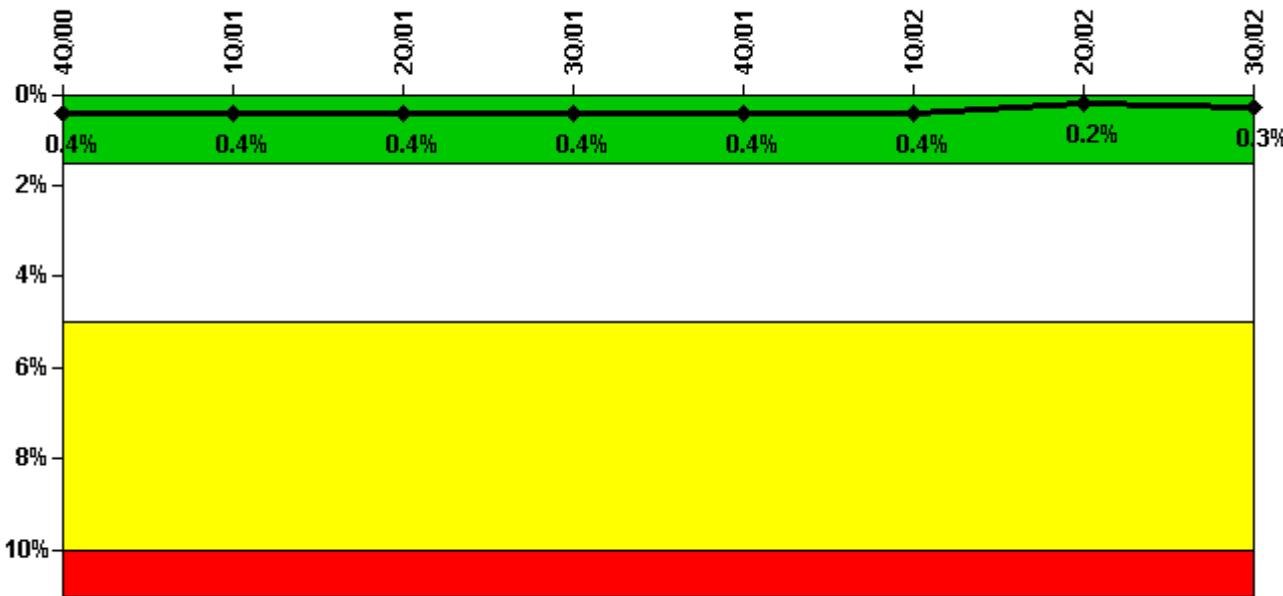
Notes

Safety System Unavailability, Emergency AC Power	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Train 1								
Planned unavailable hours	2.90	8.10	3.00	51.70	4.80	5.20	6.20	5.50
Unplanned unavailable hours	0	27.00	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	2209.00	2160.00	1945.60	2208.00	2208.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	4.10	3.90	0	4.60	3.30	7.00	6.90	6.40
Unplanned unavailable hours	0	0	190.00	0	0	0	0	0
Fault exposure hours	0	0	555.00	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	1945.60	2208.00	2208.00	2160.00	2183.00	2208.00
Indicator value	0.3%	0.4%	1.8%	1.9%	1.9%	1.9%	1.9%	1.8%

Licensee Comments:

1Q/01: 27 hours of Train 1 unplanned unavailability hours added due to lube oil cooler replacement during overhaul. (FAQ 30.4 response)

Safety System Unavailability, High Pressure Injection System (HPSI)



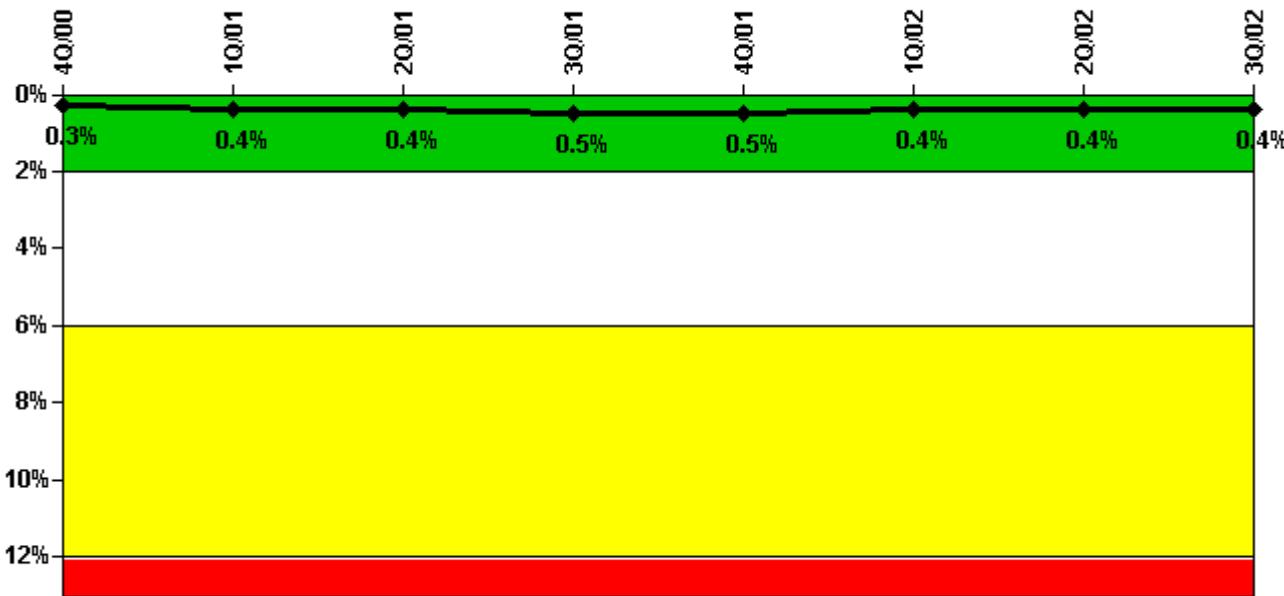
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Train 1								
Planned unavailable hours	24.30	1.00	0.50	0.40	0.40	1.50	0.60	20.90
Unplanned unavailable hours	0	0	0	0	0	2.90	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	1706.20	2208.00	2193.00	2160.00	2183.00	2189.70
Train 2								
Planned unavailable hours	35.80	6.60	0.80	12.60	1.00	1.20	3.70	25.50
Unplanned unavailable hours	0	0	0	0	0	0	10.60	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	2209.00	2160.00	1706.20	2208.00	2193.00	2160.00	2183.00	2189.70
Indicator value	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.2%	0.3%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Train 1								
Planned unavailable hours	2.90	2.30	1.40	4.50	4.20	4.90	3.30	10.30
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	2209.00	2160.00	1606.00	2208.00	2166.00	2160.00	2183.00	2189.70
Train 2								
Planned unavailable hours	1.80	3.00	0.60	3.20	2.00	1.40	4.20	8.30
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	2209.00	2160.00	1606.00	2208.00	2166.00	2160.00	2183.00	2189.70
Train 3								
Planned unavailable hours	16.20	32.60	0.80	8.60	5.90	3.10	10.00	25.50
Unplanned unavailable hours	0	0	1.70	0	1.80	0	0	10.40
Fault exposure hours	0	40.30	25.70	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	1606.00	2208.00	2166.00	2160.00	2183.00	2189.70
Indicator value	0.3%	0.4%	0.4%	0.5%	0.5%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

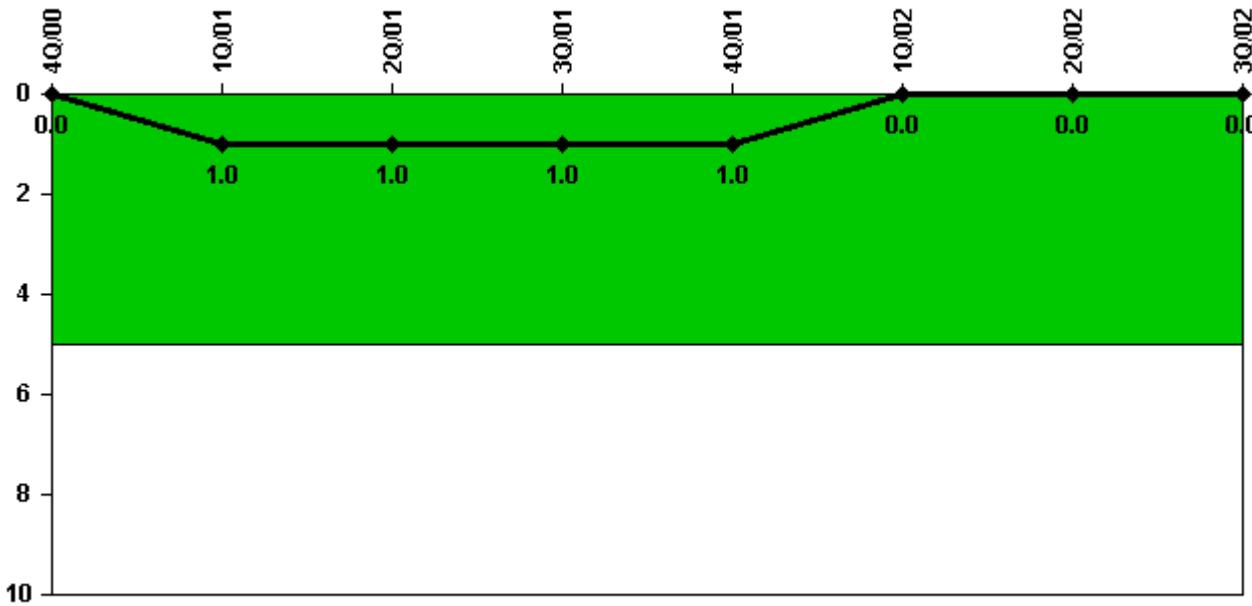


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Train 1								
Planned unavailable hours	28.50	22.00	45.00	3.60	1.50	49.50	13.50	20.40
Unplanned unavailable hours	0	0	0	20.60	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	2209.00	2160.00	1578.00	2208.00	2173.30	2160.00	2183.00	2189.70
Train 2								
Planned unavailable hours	21.40	29.50	10.90	0.40	14.80	49.20	2.60	40.40
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	1578.00	2208.00	2173.30	2160.00	2183.00	2189.70
Train 3								
Planned unavailable hours	0	0	4.70	0	0	0	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	0	0	578.30	0	43.00	0	0	18.30
Train 4								
Planned unavailable hours	0	0	0	0	0	0	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	0	0	578.30	0	43.00	0	0	18.30
Indicator value	0.7%	0.6%	0.7%	0.7%	0.8%	0.9%	0.6%	0.7%

Licensee Comments: none

Safety System Functional Failures (PWR)

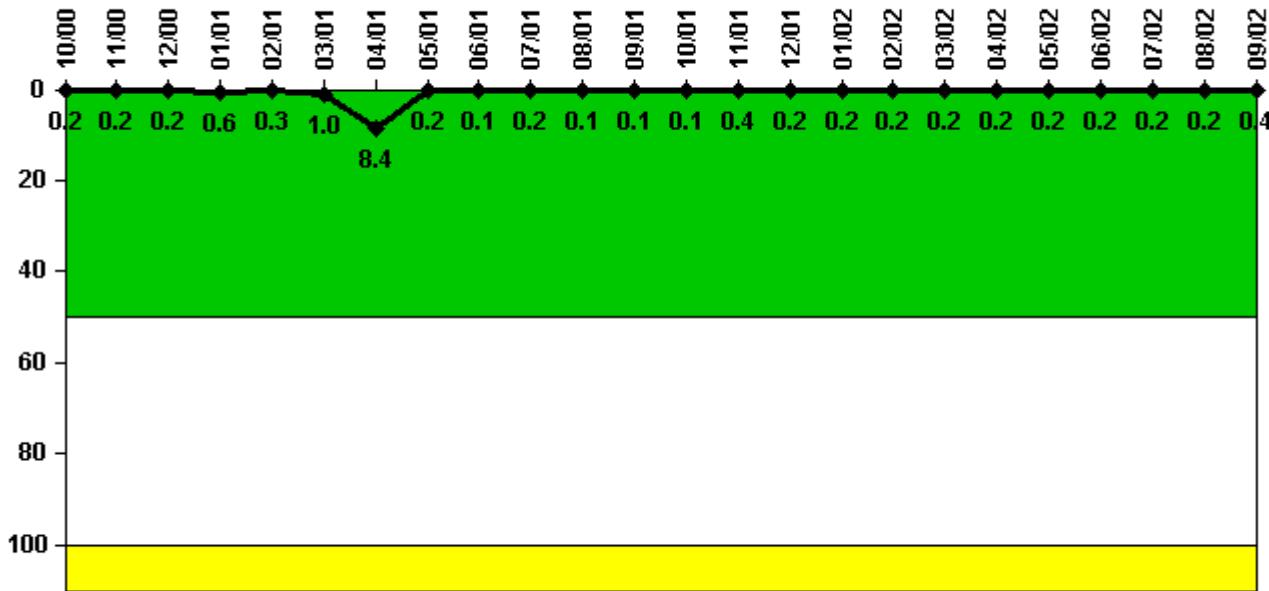
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/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



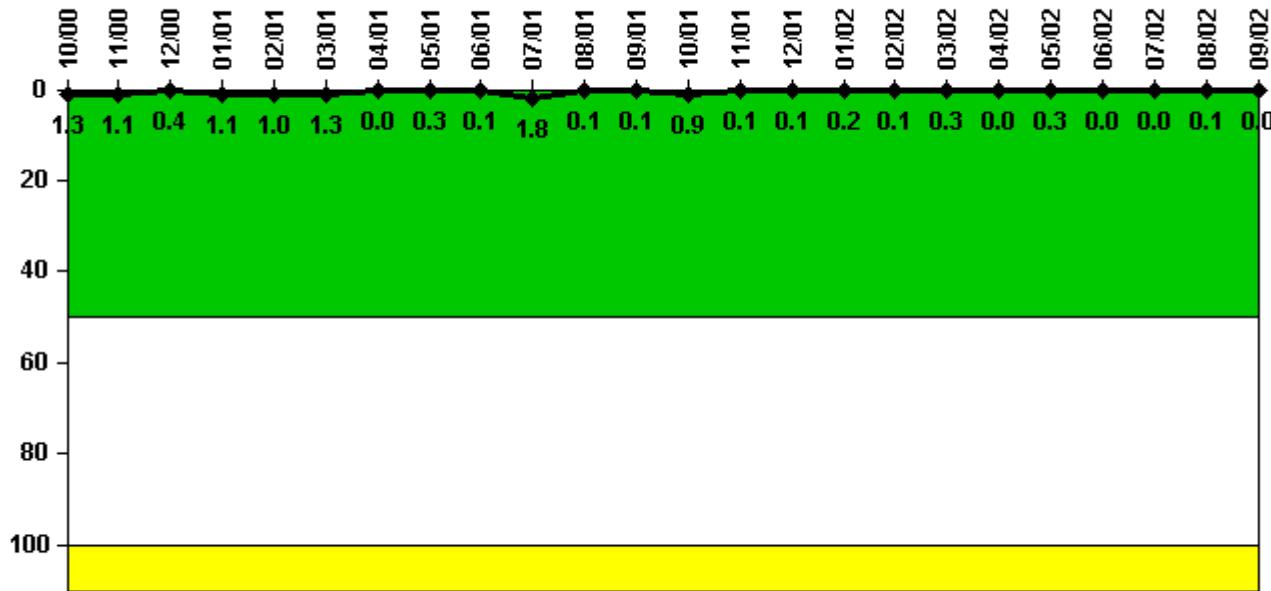
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	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	0.001790	0.001800	0.001760	0.005530	0.003090	0.010100	0.083700	0.001870	0.001260	0.002060	0.001240	0.001260
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.2	0.2	0.2	0.6	0.3	1.0	8.4	0.2	0.1	0.2	0.1	0.1
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	0.001320	0.004170	0.001660	0.001840	0.001870	0.002040	0.002310	0.001540	0.001820	0.001820	0.001940	0.004040
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4

Licensee Comments: none

Reactor Coolant System Leakage

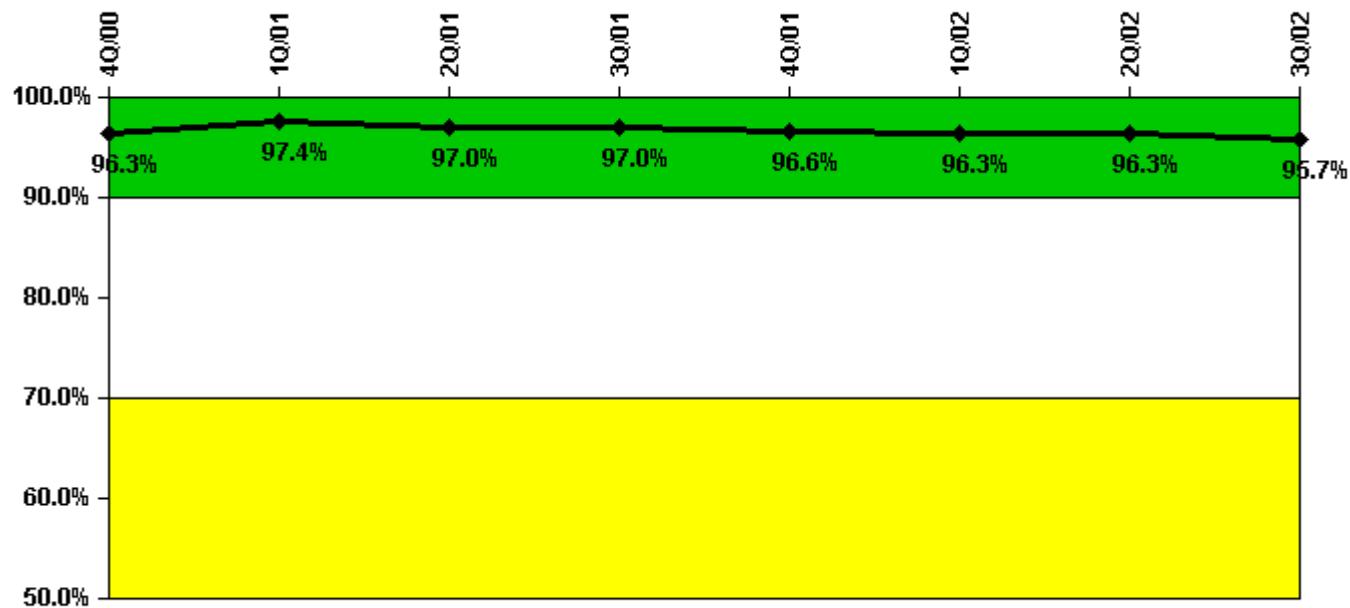


Thresholds: White > 50.0 Yellow > 100.0

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	0.130	0.110	0.040	0.110	0.100	0.130	0	0.030	0.010	0.180	0.010	0.010
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.3	1.1	0.4	1.1	1.0	1.3	0	0.3	0.1	1.8	0.1	0.1
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	0.090	0.010	0.010	0.020	0.010	0.030	0	0.030	0	0.004	0.010	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.9	0.1	0.1	0.2	0.1	0.3	0	0.3	0	0	0.1	0

Licensee Comments: none

Drill/Exercise Performance

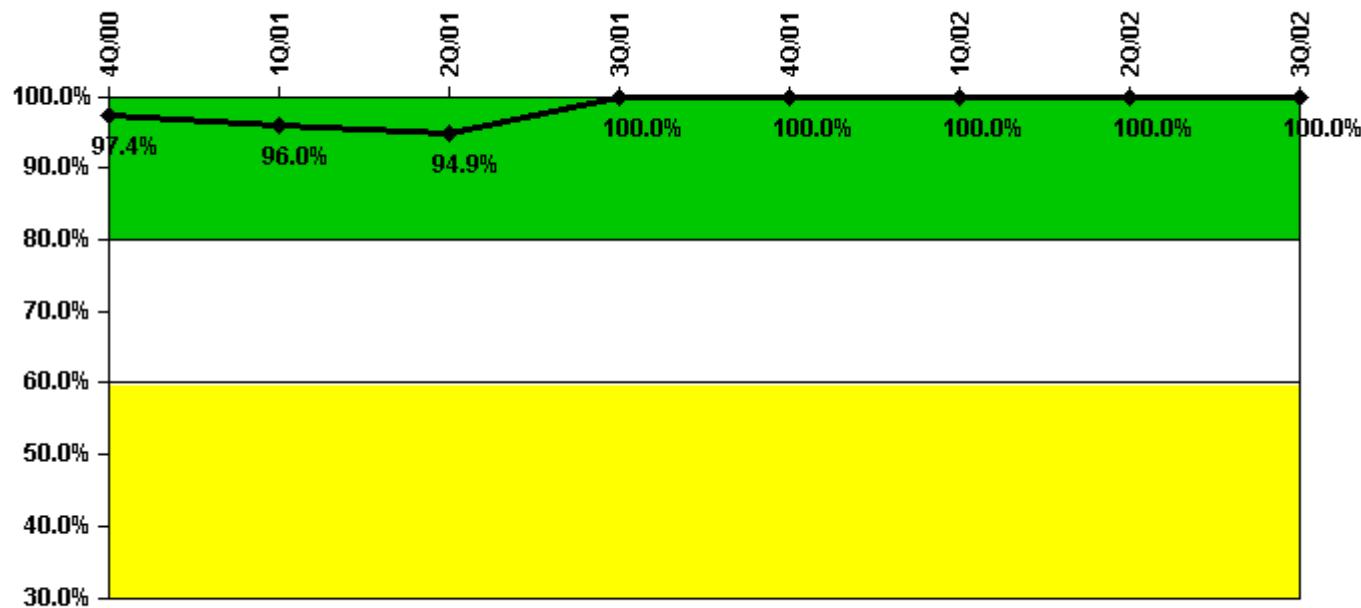
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Successful opportunities	127.0	8.0	39.0	82.0	12.0	47.0	13.0	72.0
Total opportunities	130.0	8.0	43.0	85.0	13.0	50.0	14.0	75.0
Indicator value	96.3%	97.4%	97.0%	97.0%	96.6%	96.3%	96.3%	95.7%

Licensee Comments: none

ERO Drill Participation



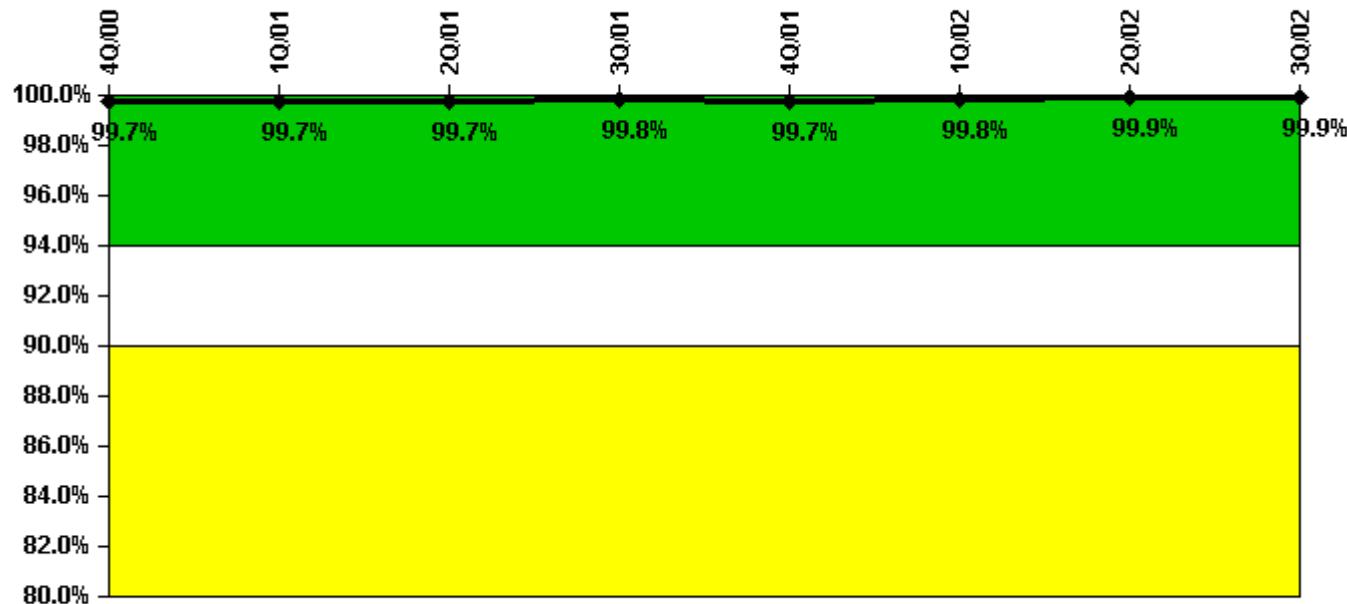
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Participating Key personnel	75.0	72.0	75.0	79.0	72.0	72.0	75.0	79.0
Total Key personnel	77.0	75.0	79.0	79.0	72.0	72.0	75.0	79.0
Indicator value	97.4%	96.0%	94.9%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



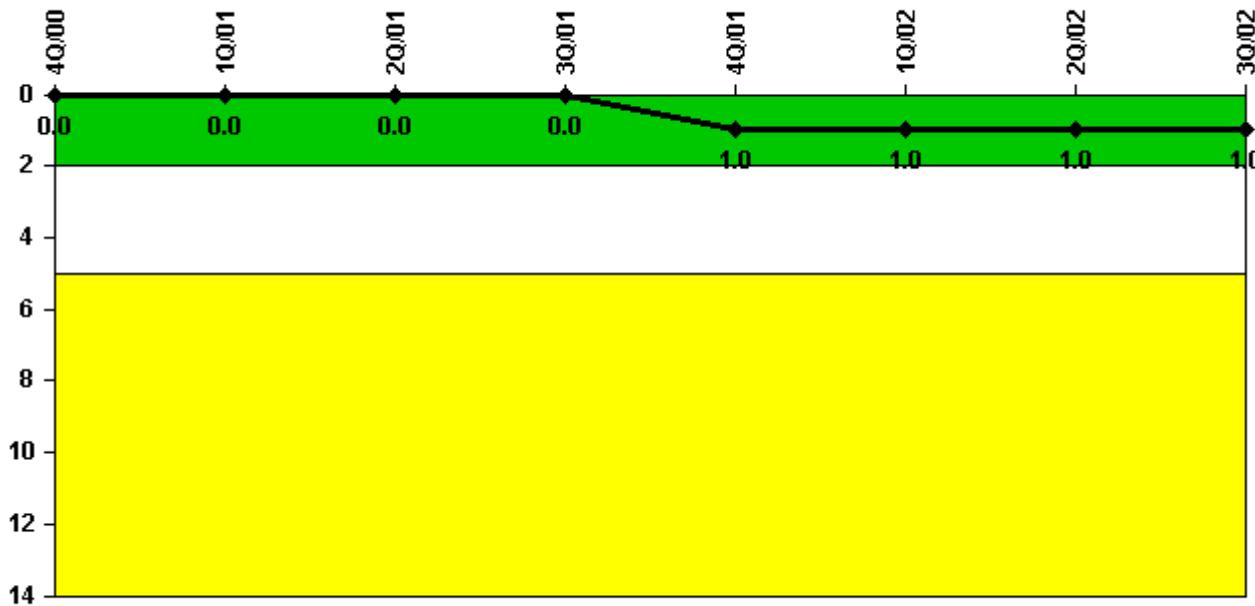
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Successful siren-tests	522	607	521	703	527	704	527	704
Total sirens-tests	522	609	523	704	528	704	528	704
Indicator value	99.7%	99.7%	99.7%	99.8%	99.7%	99.8%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness

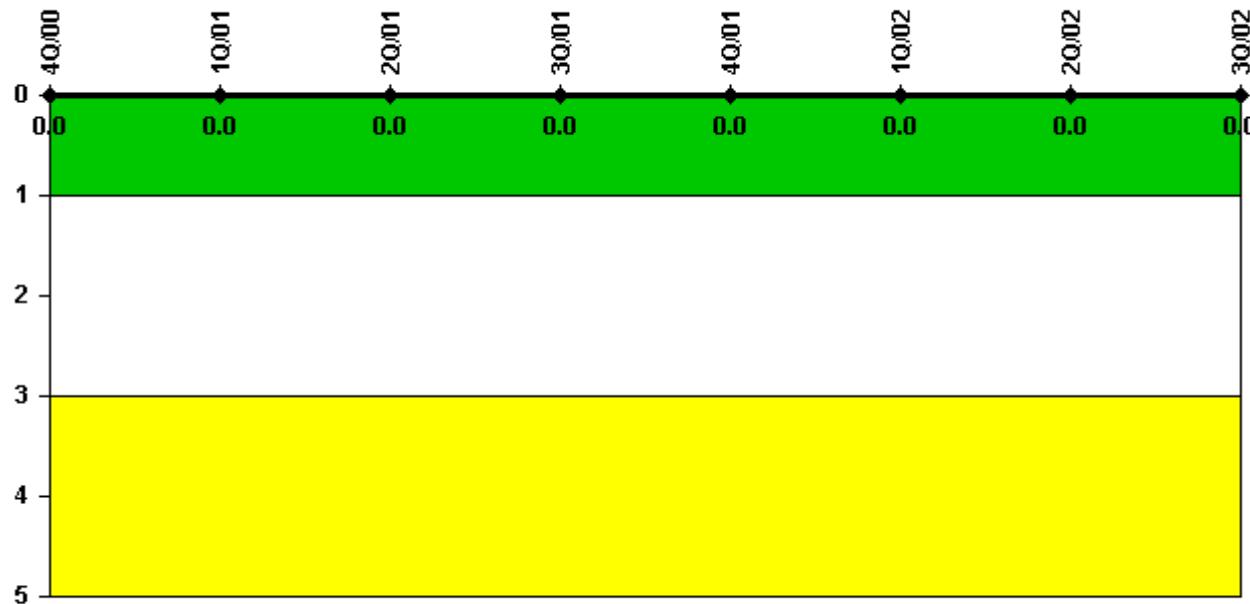


Thresholds: White > 2.0 Yellow > 5.0

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
Indicator value	0	0	0	0	1	1	1	1

Licensee Comments: none

RETS/ODCM Radiological Effluent

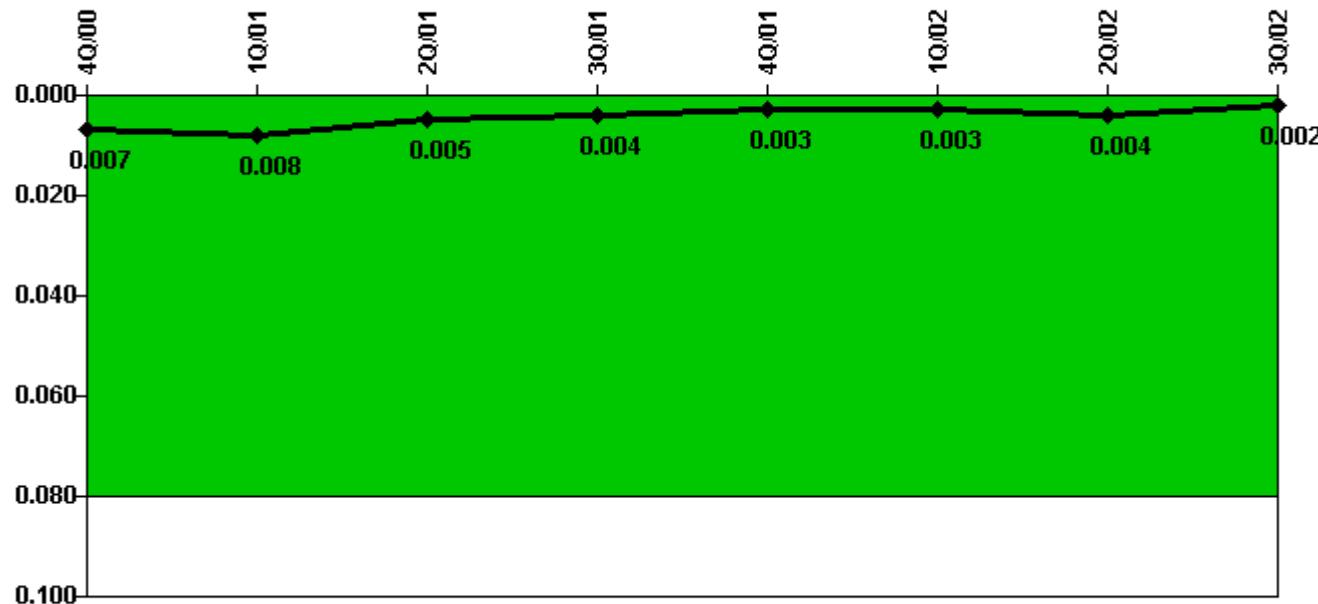
Thresholds: White > 1.0 Yellow > 3.0

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

Protected Area Security Performance Index

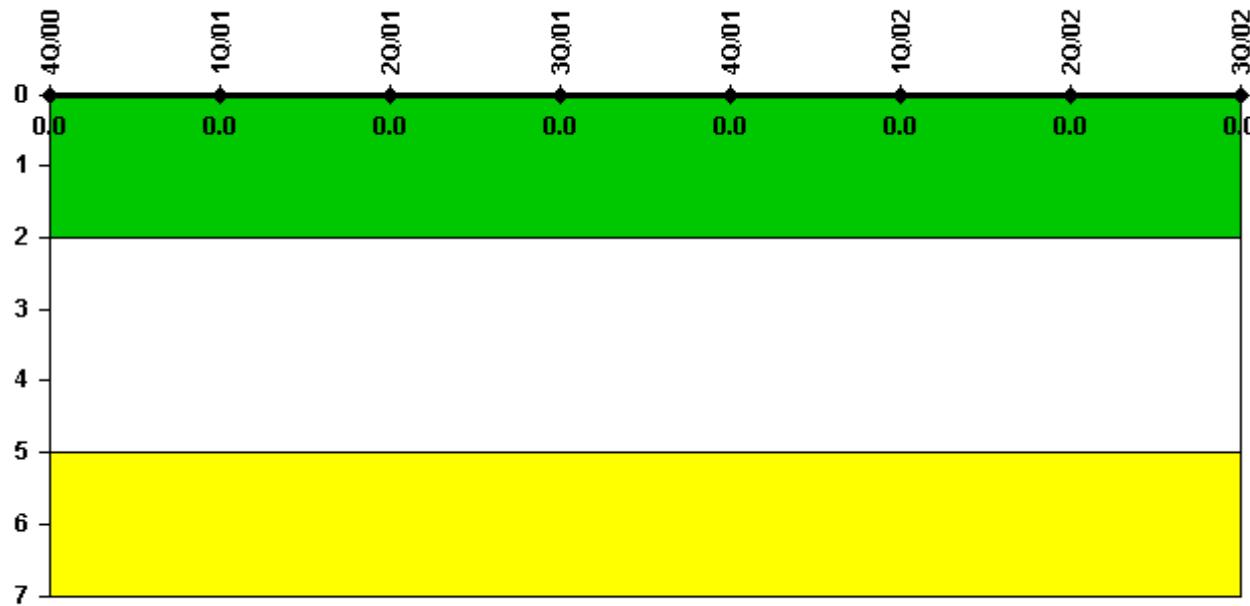


Thresholds: White > 0.080

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	25.60	12.75	0	81.20	2.70	15.60	39.30	6.80
CCTV compensatory hours	0	0	0	0	0	0	0	0
IDS normalization factor	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80
CCTV normalization factor	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Index Value	0.007	0.008	0.005	0.004	0.003	0.003	0.004	0.002

Licensee Comments: none

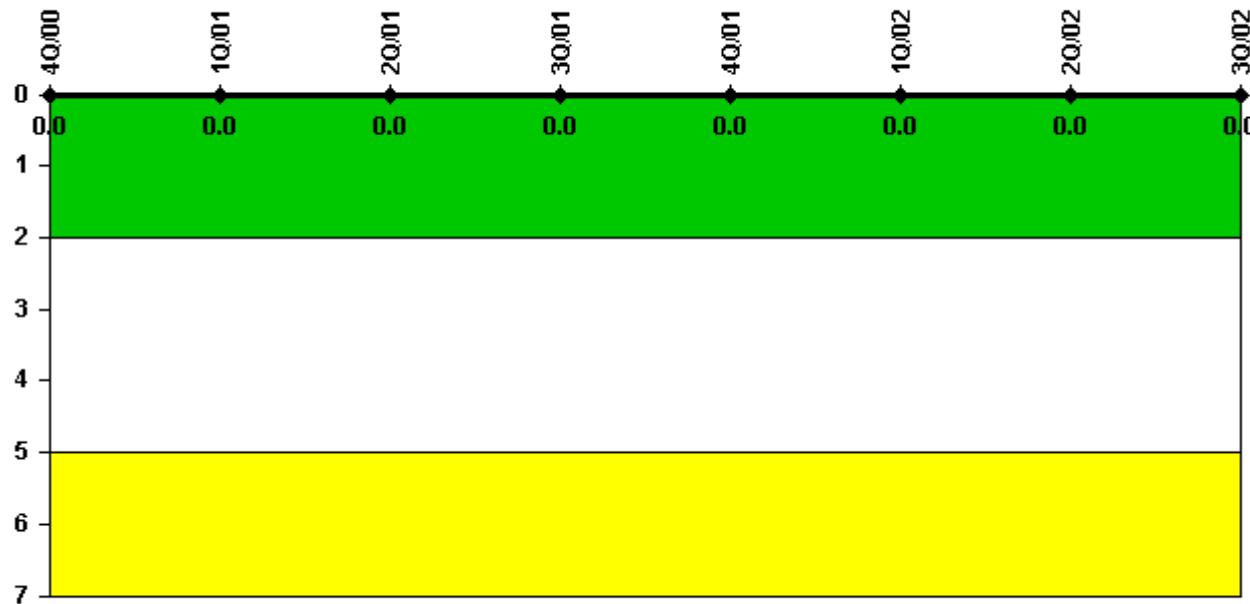
Personnel Screening Program

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

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	0							

Licensee Comments: none

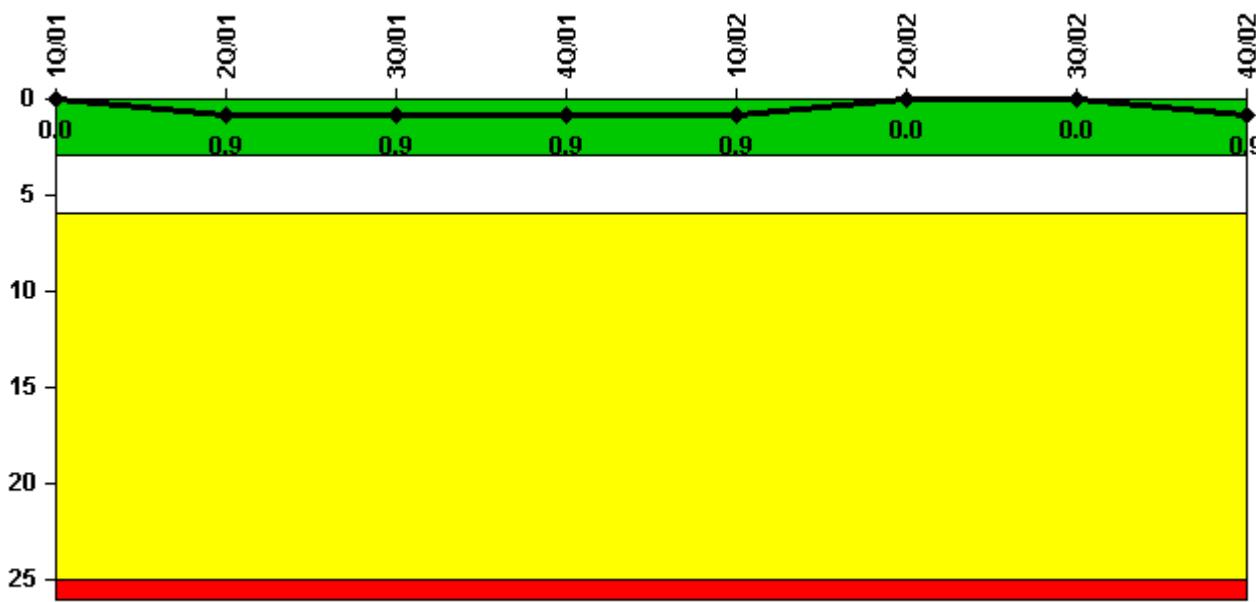


[PI Summary](#) | [Inspection Findings Summary](#) | [Reactor Oversight Process](#)

Last Modified: October 22, 2002

Saint Lucie 1**4Q/2002 Performance Indicators**

Licensee's General Comments: none

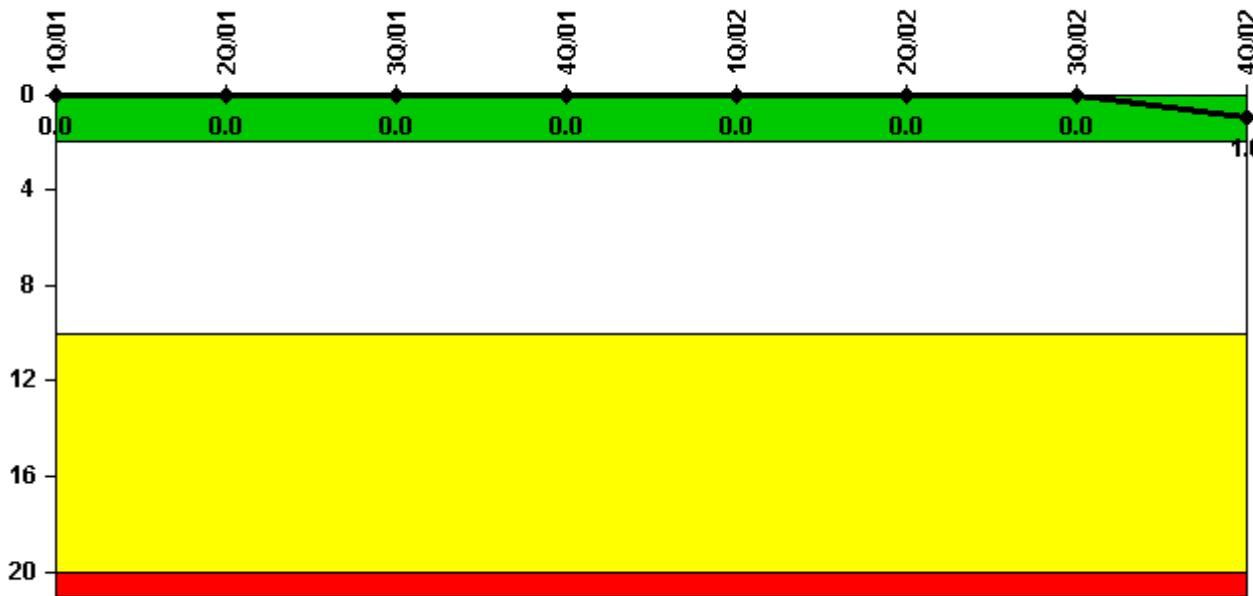
Unplanned Scrams per 7000 Critical Hrs

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Unplanned scrams	0	1.0	0	0	0	0	0	1.0
Critical hours	2160.0	1505.2	2208.0	2125.4	2160.0	2183.0	2184.0	1656.5
Indicator value	0	0.9	0.9	0.9	0.9	0	0	0.9

Licensee Comments: none

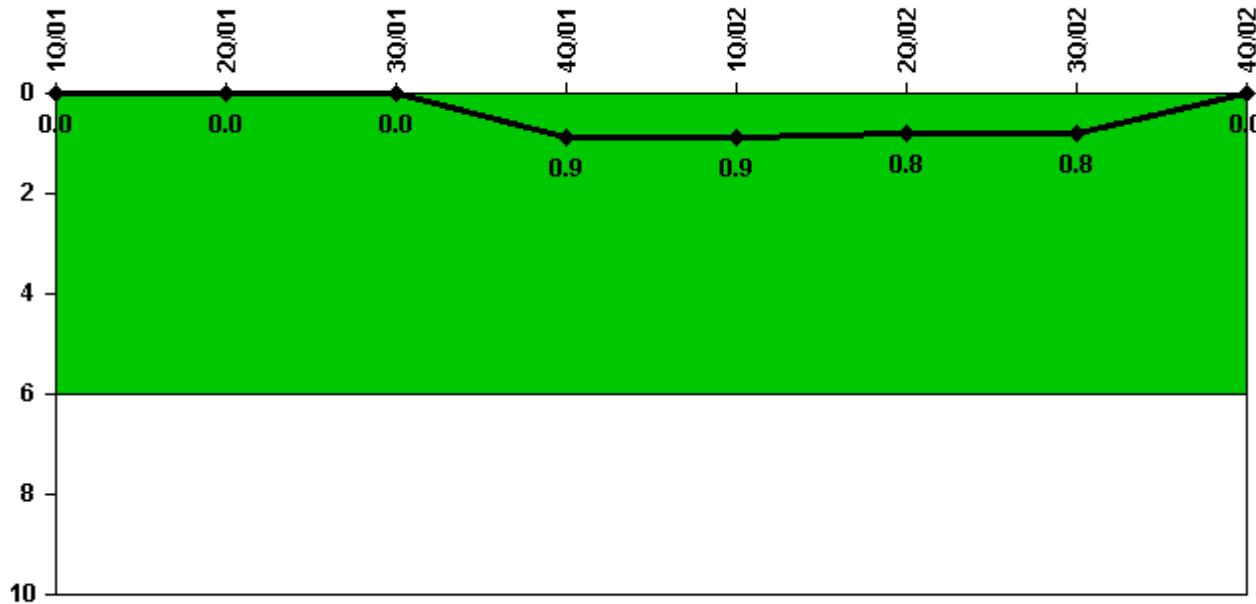
Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Scrams	0	0	0	0	0	0	0	1.0
Indicator value	0	0	0	0	0	0	0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

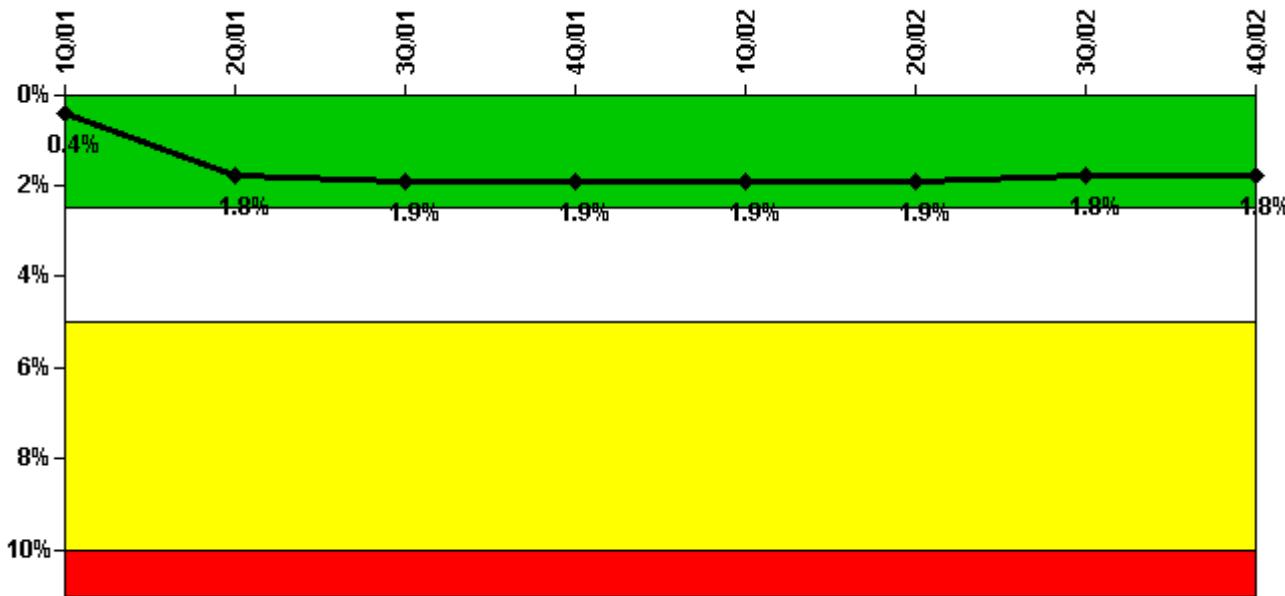
Thresholds: White > 6.0

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	1.0	0	0	0	0
Critical hours	2160.0	1505.2	2208.0	2125.4	2160.0	2183.0	2184.0	1656.5
Indicator value	0	0	0	0.9	0.9	0.8	0.8	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



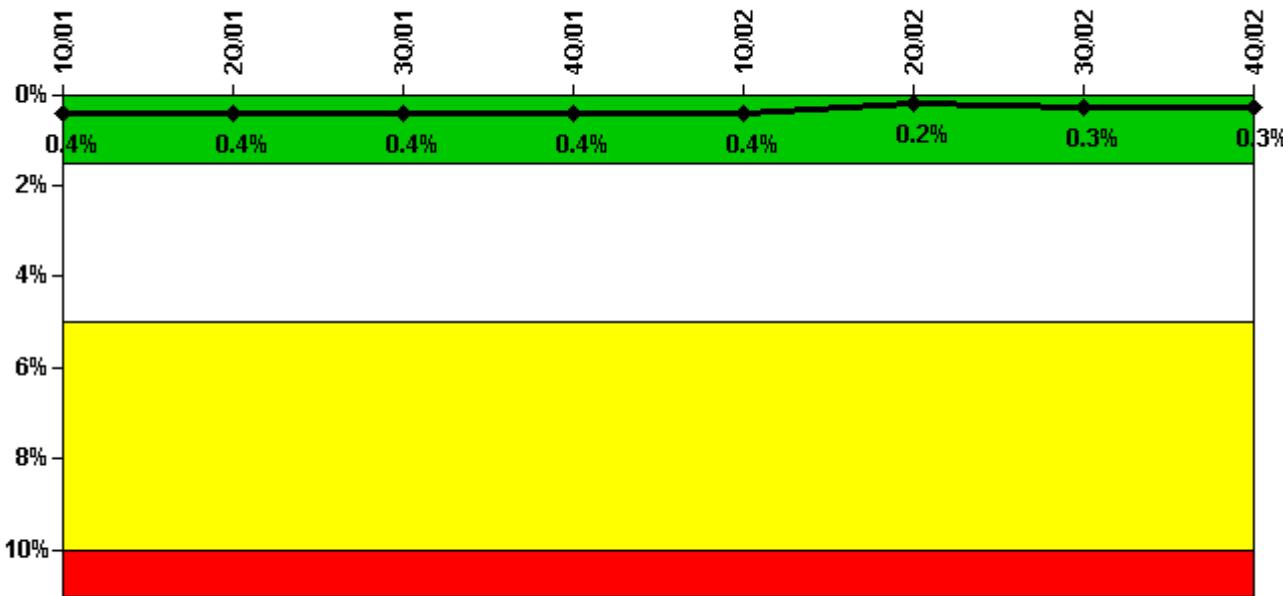
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Train 1								
Planned unavailable hours	8.10	3.00	51.70	4.80	5.20	6.20	5.50	7.20
Unplanned unavailable hours	27.00	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	2160.00	1945.60	2208.00	2208.00	2160.00	2183.00	2208.00	1966.50
Train 2								
Planned unavailable hours	3.90	0	4.60	3.30	7.00	6.90	6.40	12.50
Unplanned unavailable hours	0	190.00	0	0	0	0	0	0
Fault exposure hours	0	555.00	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	1945.60	2208.00	2208.00	2160.00	2183.00	2208.00	1966.50
Indicator value	0.4%	1.8%	1.9%	1.9%	1.9%	1.9%	1.8%	1.8%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



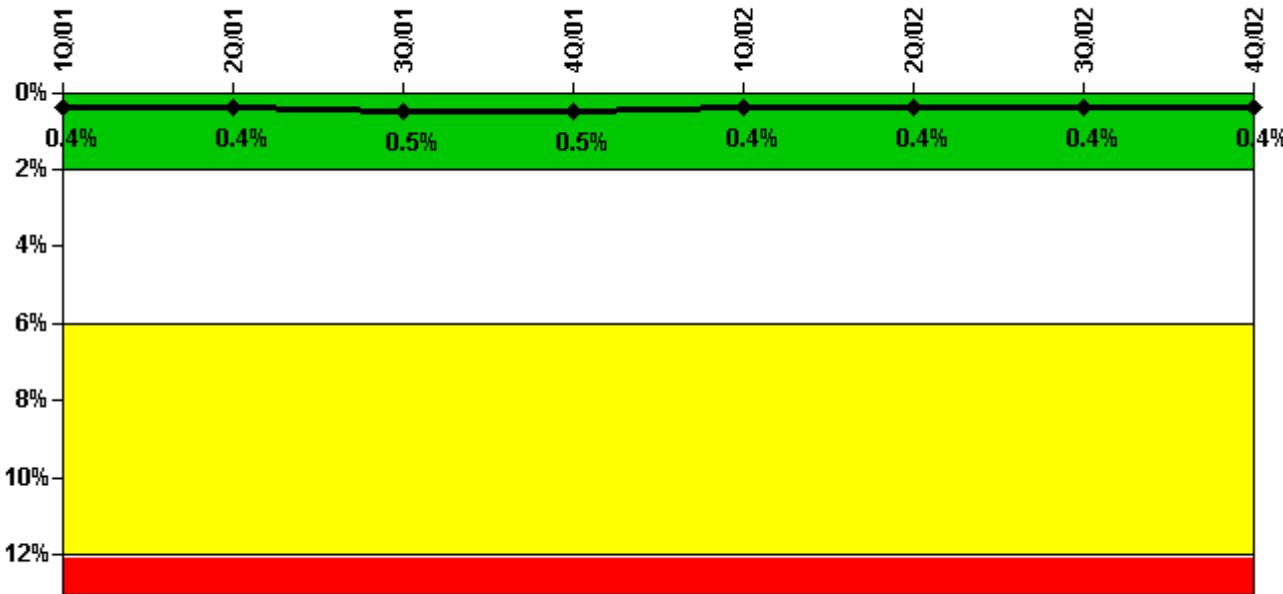
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Train 1								
Planned unavailable hours	1.00	0.50	0.40	0.40	1.50	0.60	20.90	0.60
Unplanned unavailable hours	0	0	0	0	2.90	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	1706.20	2208.00	2193.00	2160.00	2183.00	2189.70	1655.30
Train 2								
Planned unavailable hours	6.60	0.80	12.60	1.00	1.20	3.70	25.50	0.80
Unplanned unavailable hours	0	0	0	0	0	10.60	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	2160.00	1706.20	2208.00	2193.00	2160.00	2183.00	2189.70	1655.30
Indicator value	0.4%	0.4%	0.4%	0.4%	0.4%	0.2%	0.3%	0.3%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



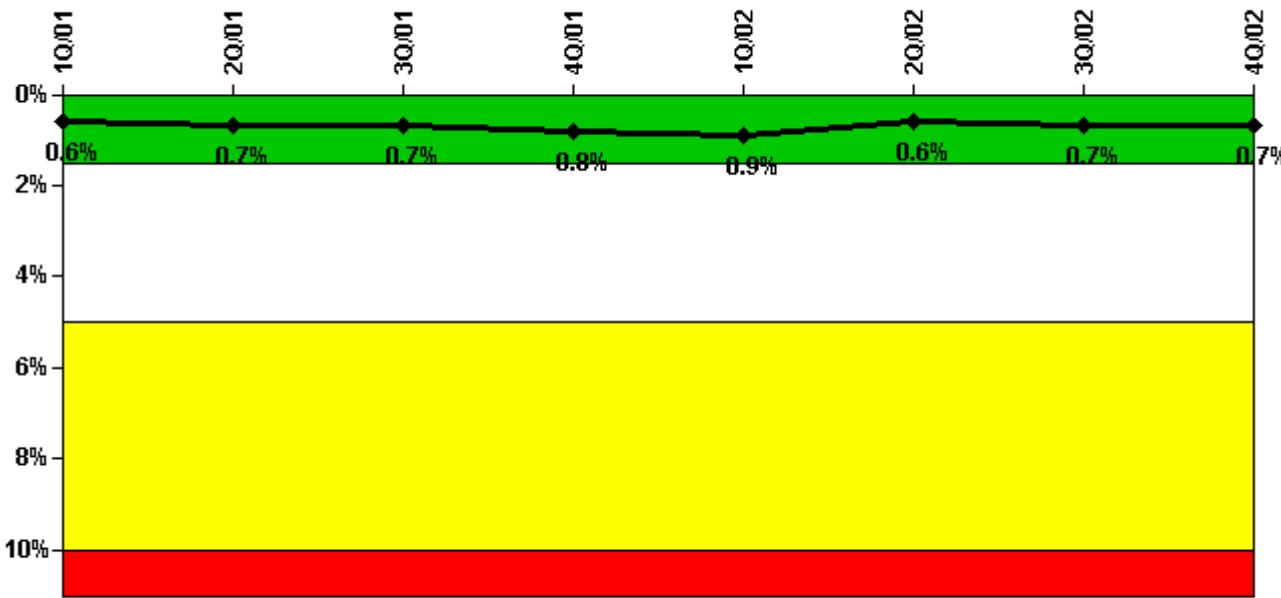
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Train 1								
Planned unavailable hours	2.30	1.40	4.50	4.20	4.90	3.30	10.30	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	2160.00	1606.00	2208.00	2166.00	2160.00	2183.00	2189.70	1705.00
Train 2								
Planned unavailable hours	3.00	0.60	3.20	2.00	1.40	4.20	8.30	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	2160.00	1606.00	2208.00	2166.00	2160.00	2183.00	2189.70	1705.00
Train 3								
Planned unavailable hours	32.60	0.80	8.60	5.90	3.10	10.00	25.50	3.50
Unplanned unavailable hours	0	1.70	0	1.80	0	0	10.40	28.80
Fault exposure hours	40.30	25.70	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	1606.00	2208.00	2166.00	2160.00	2183.00	2189.70	1705.00
Indicator value	0.4%	0.4%	0.5%	0.5%	0.4%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

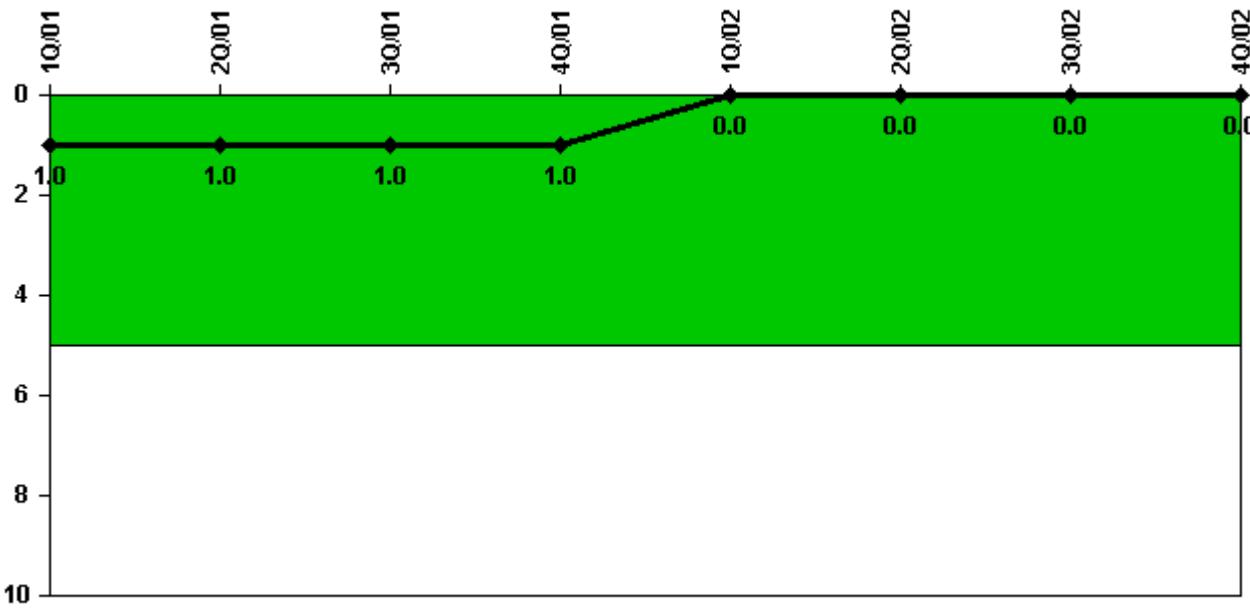


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Train 1								
Planned unavailable hours	22.00	45.00	3.60	1.50	49.50	13.50	20.40	3.20
Unplanned unavailable hours	0	0	20.60	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	2160.00	1578.00	2208.00	2173.30	2160.00	2183.00	2189.70	1698.70
Train 2								
Planned unavailable hours	29.50	10.90	0.40	14.80	49.20	2.60	40.40	31.70
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	2160.00	1578.00	2208.00	2173.30	2160.00	2183.00	2189.70	1698.70
Train 3								
Planned unavailable hours	0	4.70	0	0	0	0	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	0	578.30	0	43.00	0	0	18.30	503.90
Train 4								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	1.40
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	578.30	0	43.00	0	0	18.30	503.90
Indicator value	0.6%	0.7%	0.7%	0.8%	0.9%	0.6%	0.7%	0.7%

Licensee Comments: none

Safety System Functional Failures (PWR)

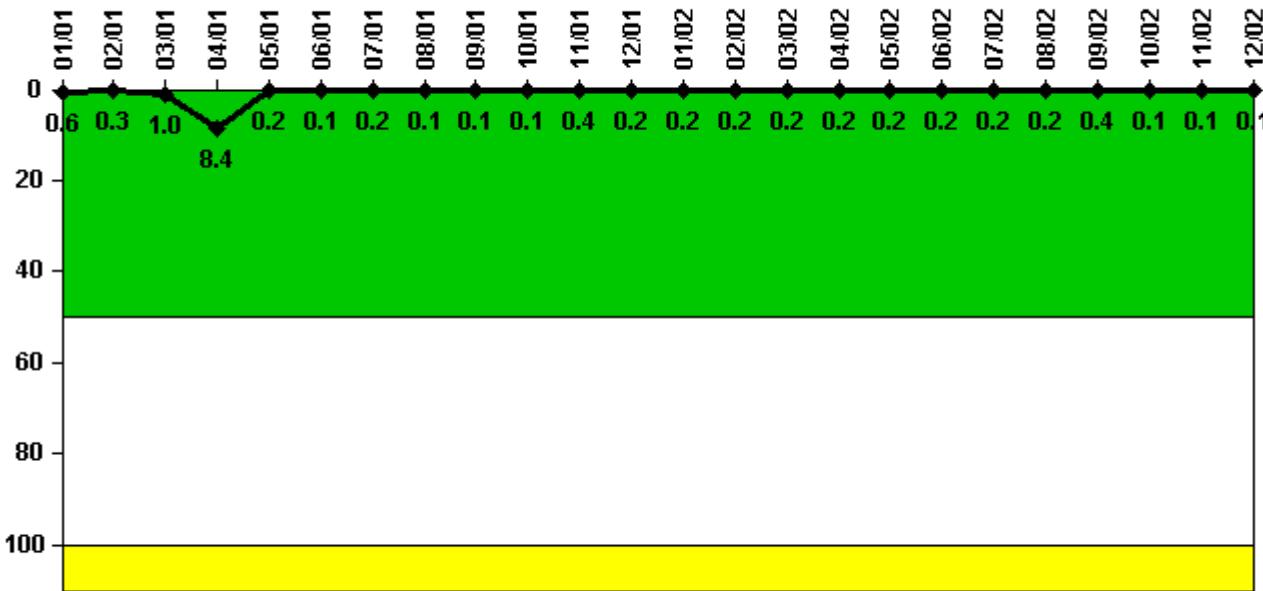
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/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

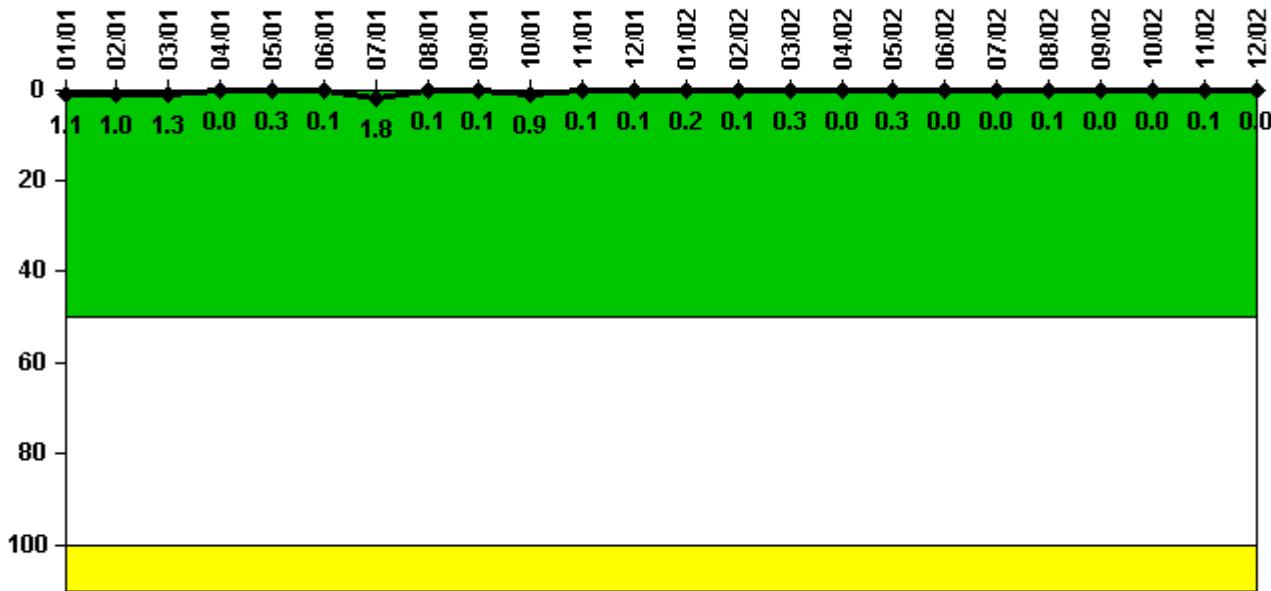
Notes

Reactor Coolant System Activity	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	0.005530	0.003090	0.010100	0.083700	0.001870	0.001260	0.002060	0.001240	0.001260	0.001320	0.004170	0.001660
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.6	0.3	1.0	8.4	0.2	0.1	0.2	0.1	0.1	0.1	0.4	0.2

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	0.001840	0.001870	0.002040	0.002310	0.001540	0.001820	0.001820	0.001940	0.004040	0.001110	0.001210	0.001110
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



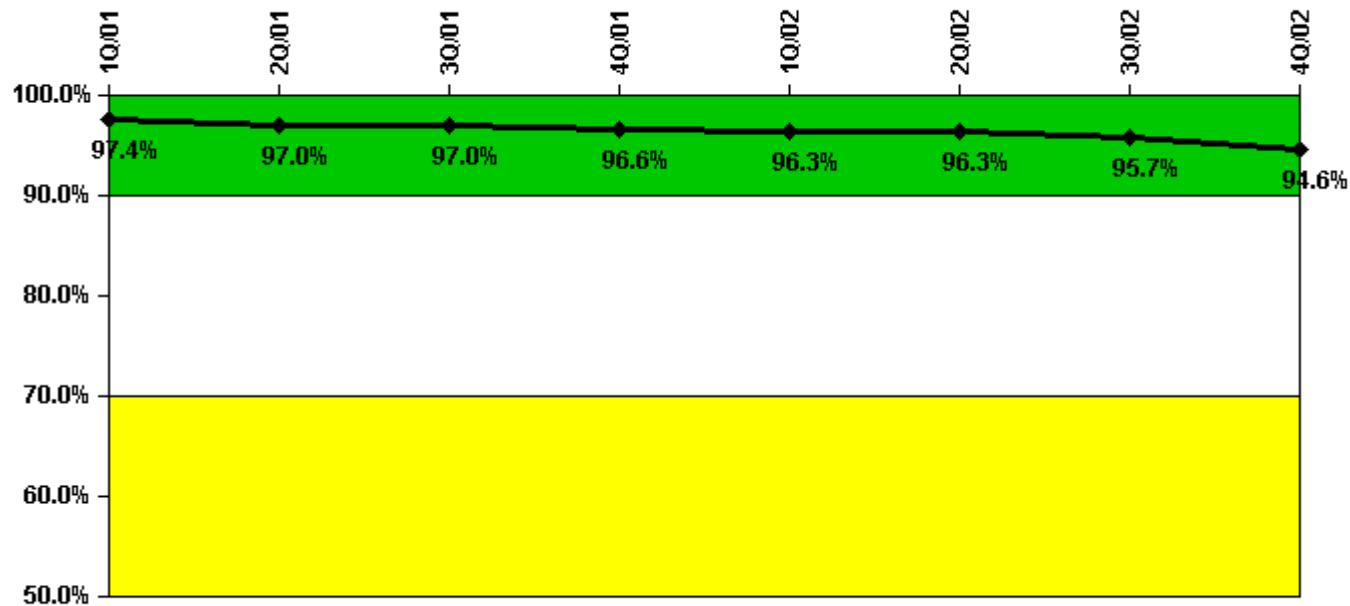
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01
Maximum leakage	0.110	0.100	0.130	0	0.030	0.010	0.180	0.010	0.010	0.090	0.010	0.010
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.1	1.0	1.3	0	0.3	0.1	1.8	0.1	0.1	0.9	0.1	0.1

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	0.020	0.010	0.030	0	0.030	0	0.004	0.010	0	0	0.010	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.1	0.3	0	0.3	0	0	0.1	0	0	0.1	0

Licensee Comments: none

Drill/Exercise Performance

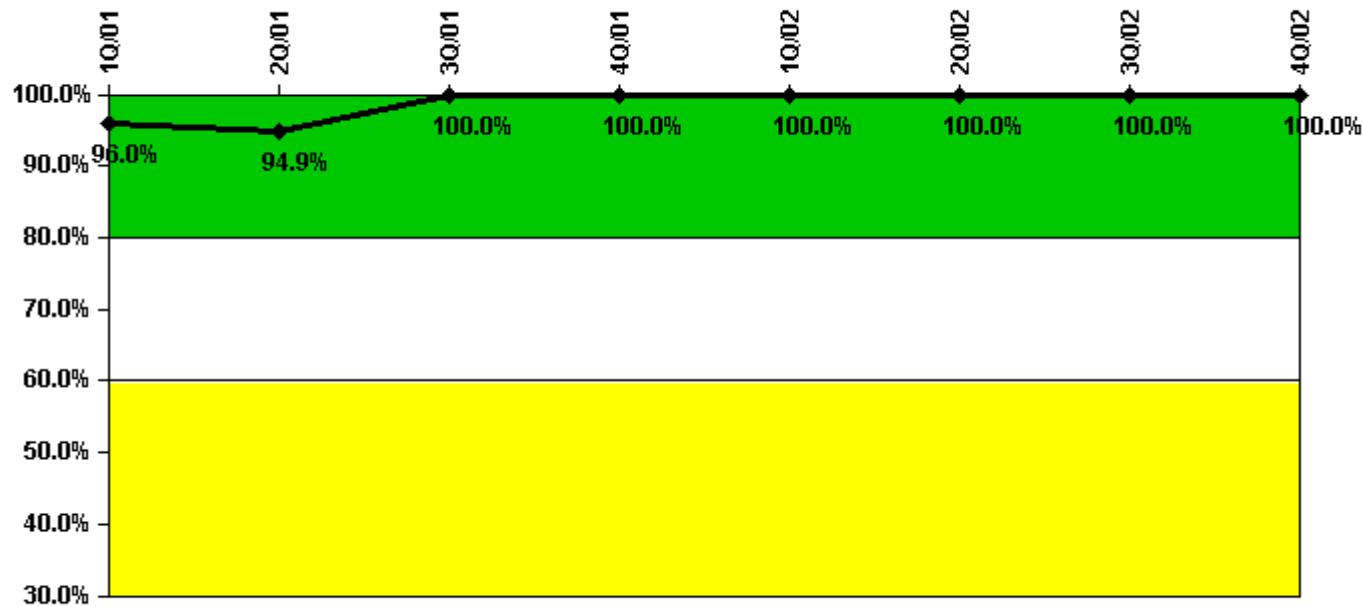
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Successful opportunities	8.0	39.0	82.0	12.0	47.0	13.0	72.0	5.0
Total opportunities	8.0	43.0	85.0	13.0	50.0	14.0	75.0	6.0
Indicator value	97.4%	97.0%	97.0%	96.6%	96.3%	96.3%	95.7%	94.6%

Licensee Comments: none

ERO Drill Participation



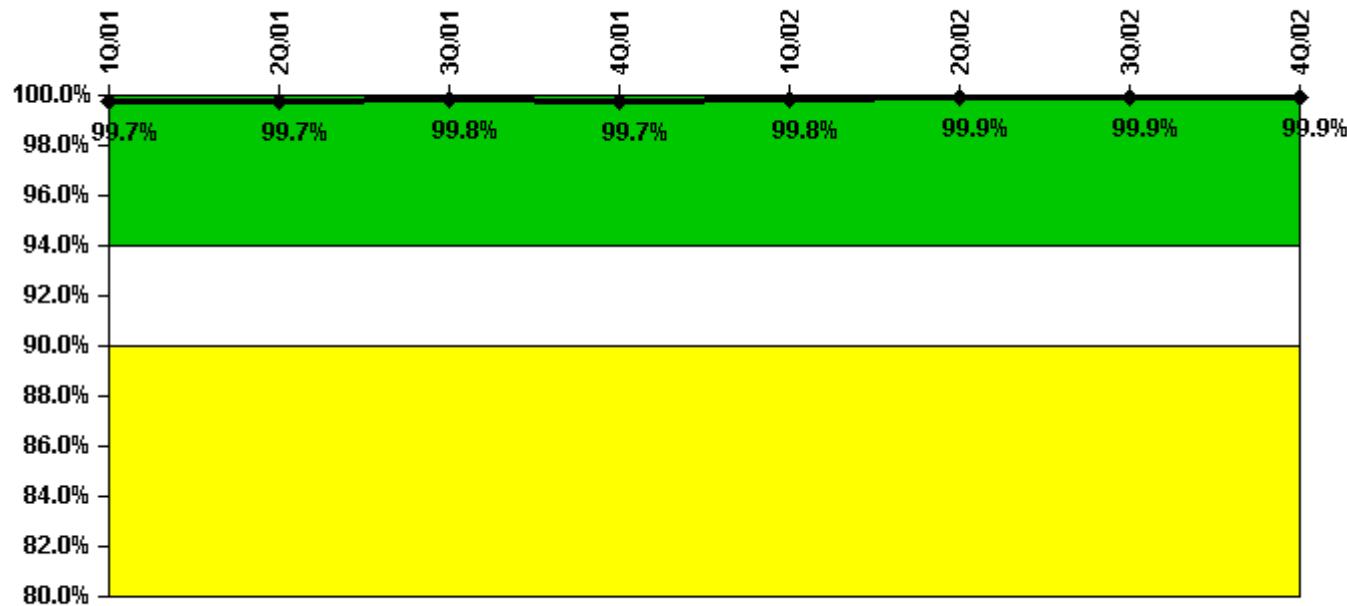
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Participating Key personnel	72.0	75.0	79.0	72.0	72.0	75.0	79.0	75.0
Total Key personnel	75.0	79.0	79.0	72.0	72.0	75.0	79.0	75.0
Indicator value	96.0%	94.9%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



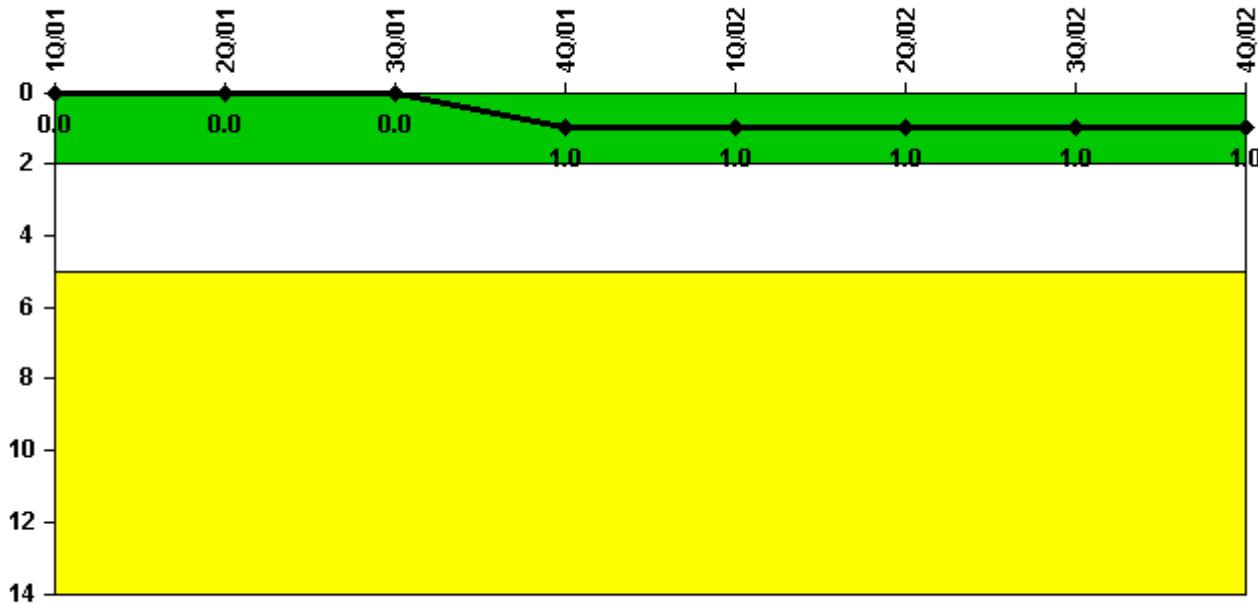
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Successful siren-tests	607	521	703	527	704	527	704	527
Total sirens-tests	609	523	704	528	704	528	704	528
Indicator value	99.7%	99.7%	99.8%	99.7%	99.8%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



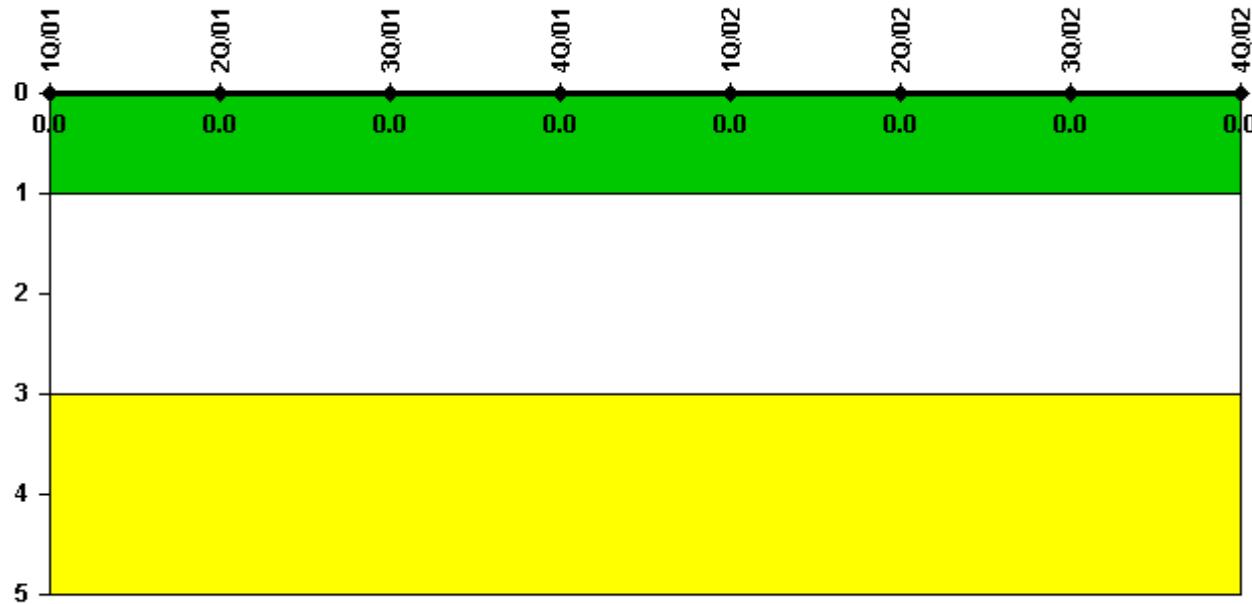
Thresholds: White > 2.0 Yellow > 5.0

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	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	0	0	0	1	1	1	1	1

Licensee Comments:

4Q/02: LHRA event FAQ submitted. Data may change pending disposition of FAQ.

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

Protected Area Security Performance Index

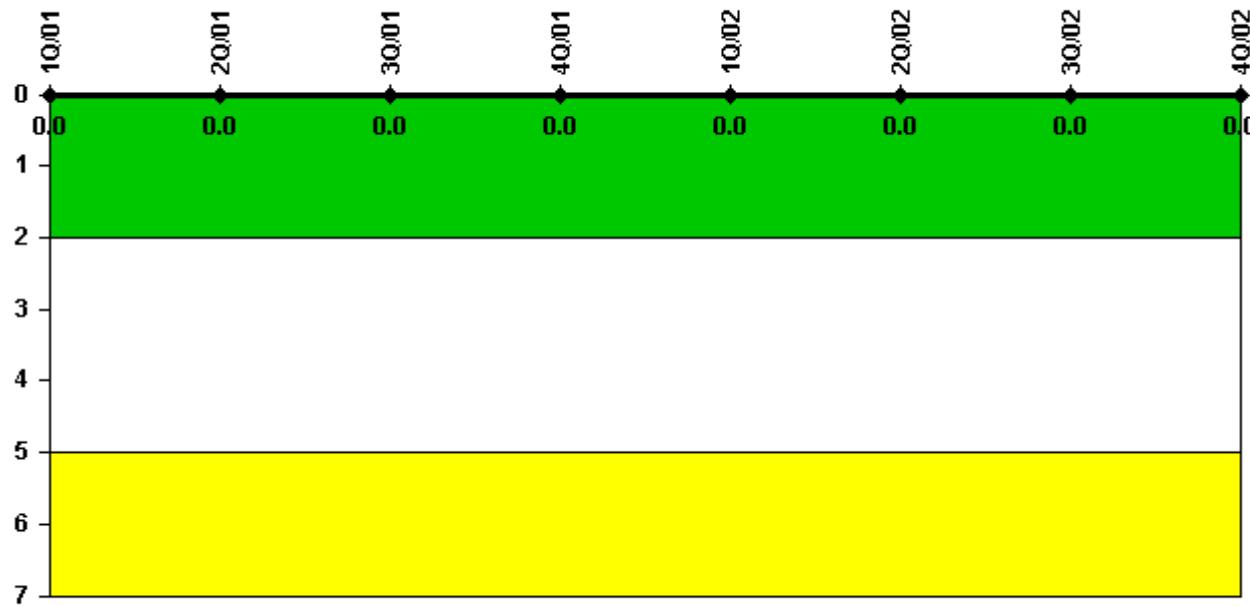


Thresholds: White > 0.080

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	12.75	0	81.20	2.70	15.60	39.30	6.80	0
CCTV compensatory hours	0	0	0	0	0	0	0	0
IDS normalization factor	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80
CCTV normalization factor	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Index Value	0.008	0.005	0.004	0.003	0.003	0.004	0.002	0.002

Licensee Comments: none

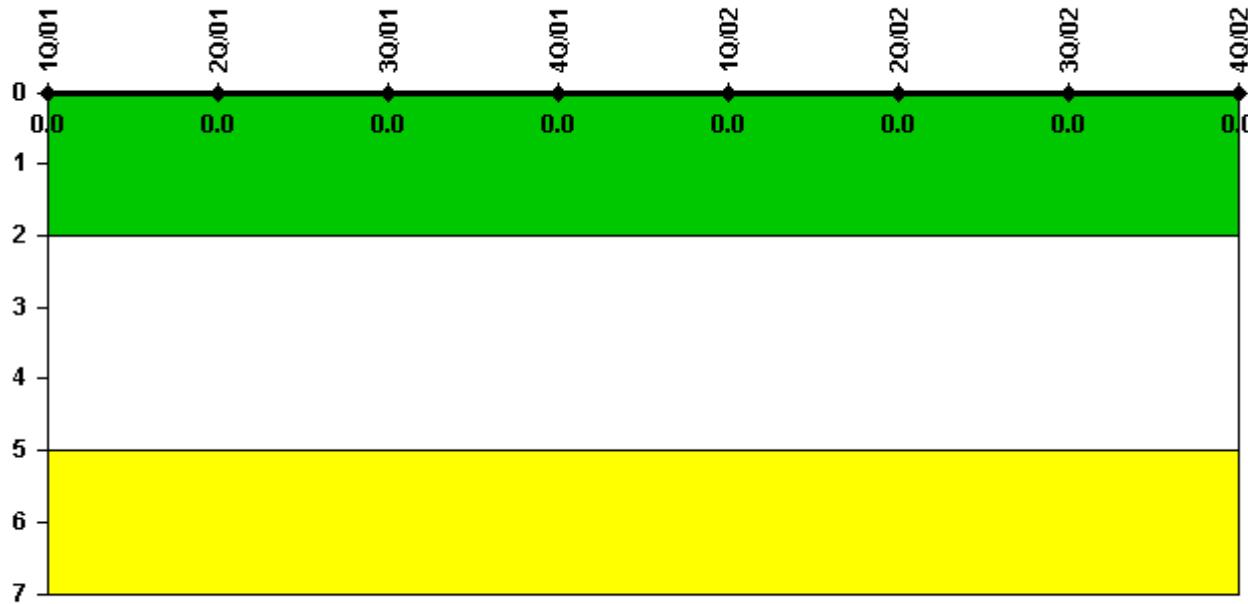
Personnel Screening Program

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

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](#)

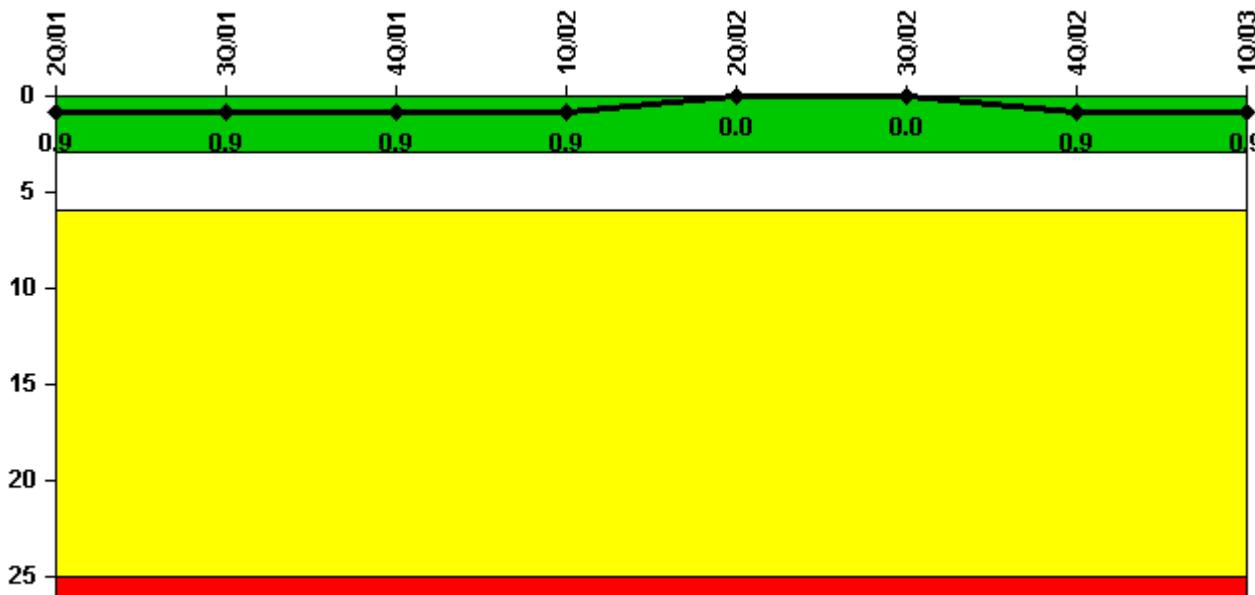
Last Modified: January 30, 2003

Saint Lucie 1

1Q/2003 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs

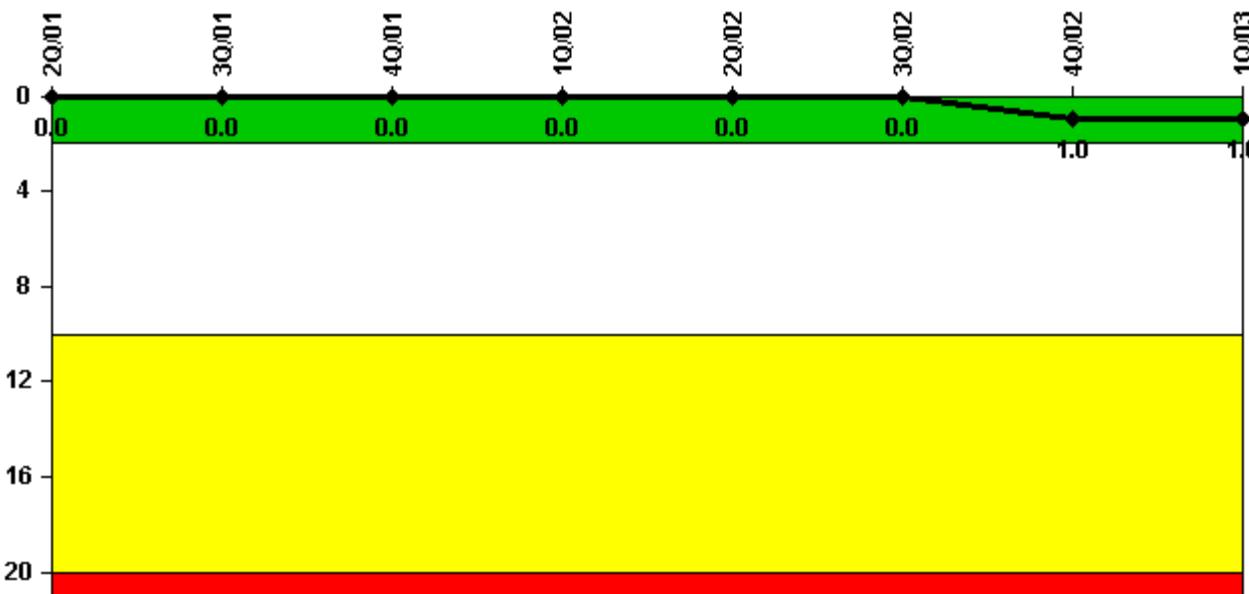


Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0	0	0	1.0	0
Critical hours	1505.2	2208.0	2125.4	2160.0	2183.0	2184.0	1656.5	2160.0
Indicator value	0.9	0.9	0.9	0.9	0	0	0.9	0.9

Licensee Comments: none

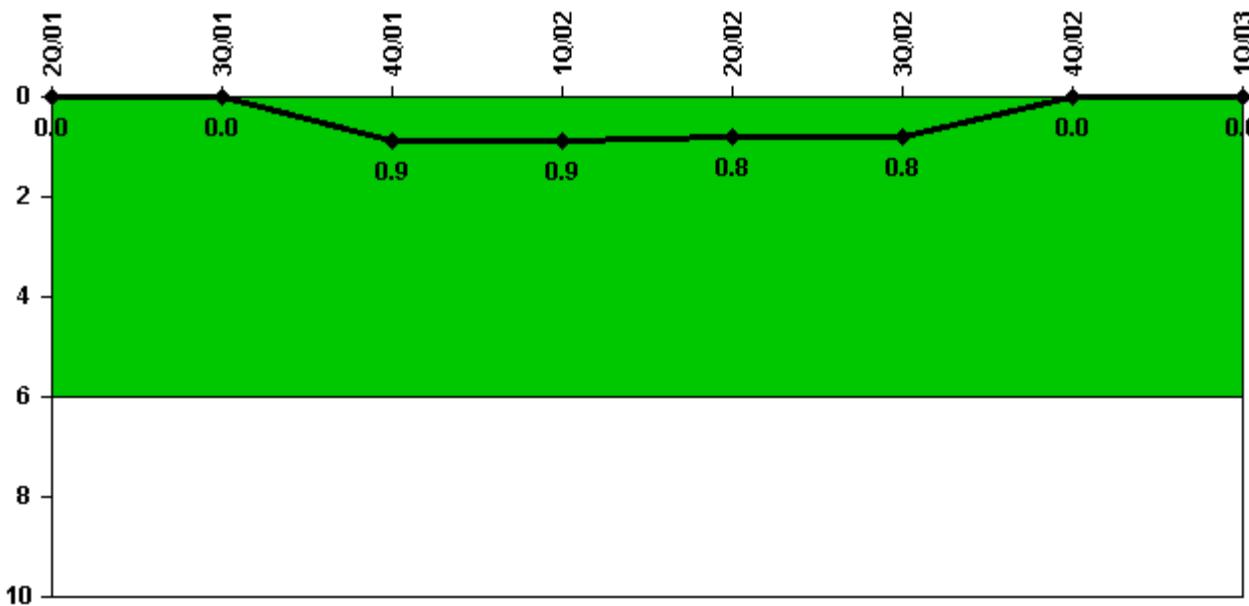
Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
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

Unplanned Power Changes per 7000 Critical Hrs

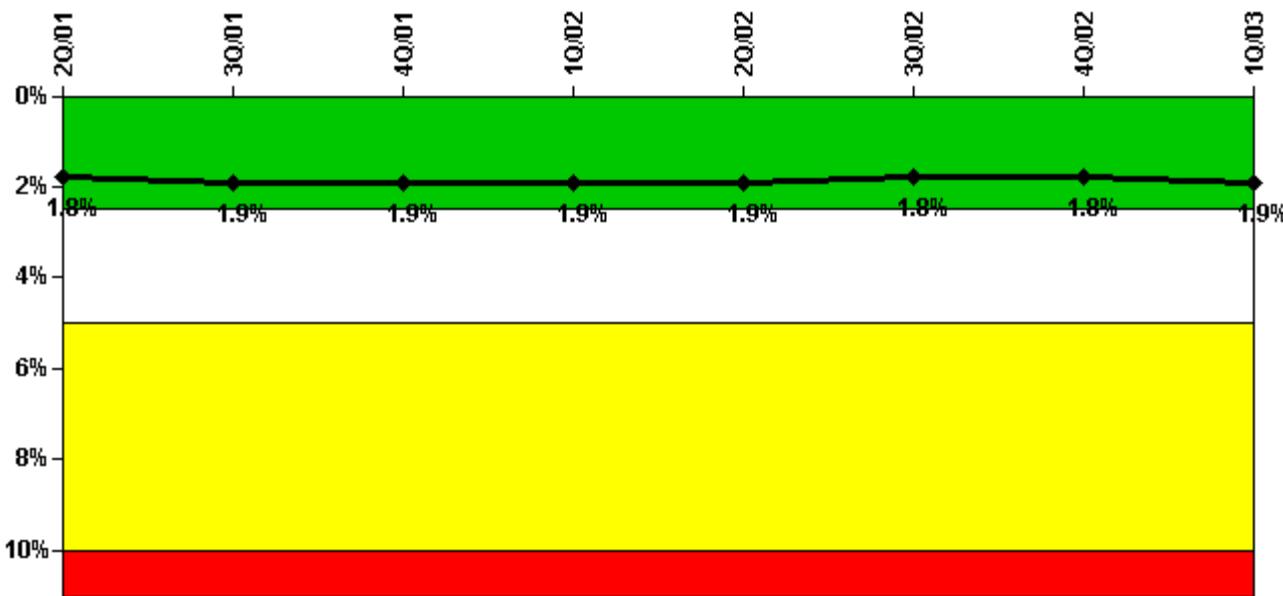
Thresholds: White > 6.0

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	1.0	0	0	0	0	0
Critical hours	1505.2	2208.0	2125.4	2160.0	2183.0	2184.0	1656.5	2160.0
Indicator value	0	0	0.9	0.9	0.8	0.8	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



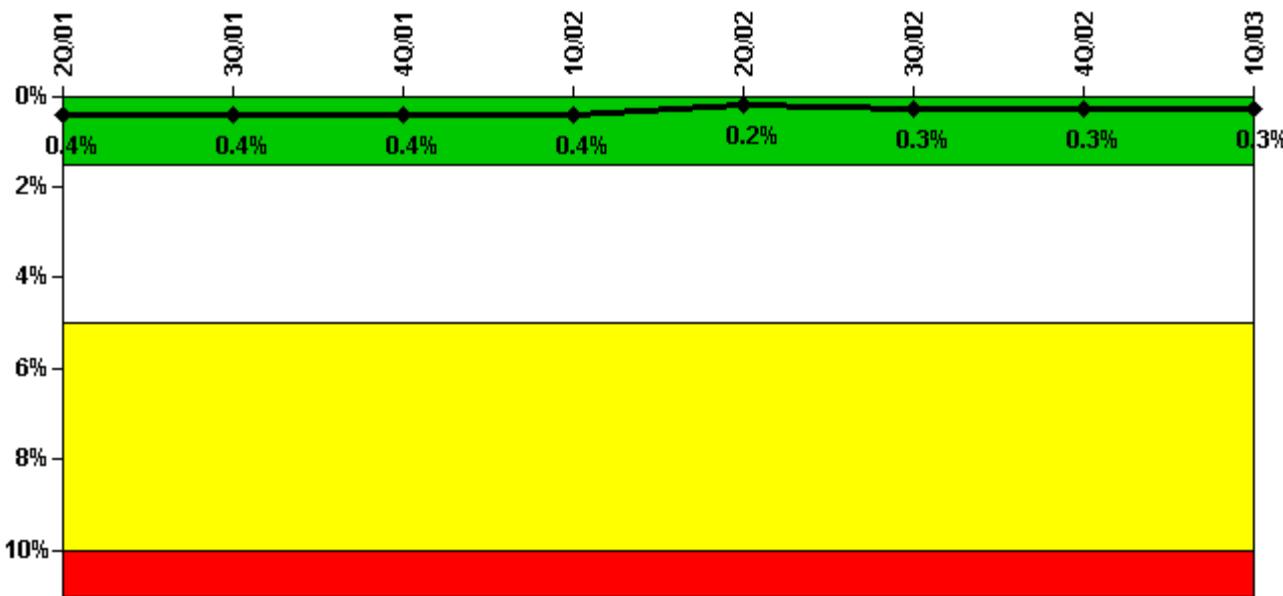
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Train 1								
Planned unavailable hours	3.00	51.70	4.80	5.20	6.20	5.50	7.20	4.90
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	1945.60	2208.00	2208.00	2160.00	2183.00	2208.00	1966.50	2160.00
Train 2								
Planned unavailable hours	0	4.60	3.30	7.00	6.90	6.40	12.50	5.40
Unplanned unavailable hours	190.00	0	0	0	0	0	0	4.90
Fault exposure hours	555.00	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1945.60	2208.00	2208.00	2160.00	2183.00	2208.00	1966.50	2160.00
Indicator value	1.8%	1.9%	1.9%	1.9%	1.9%	1.8%	1.8%	1.9%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



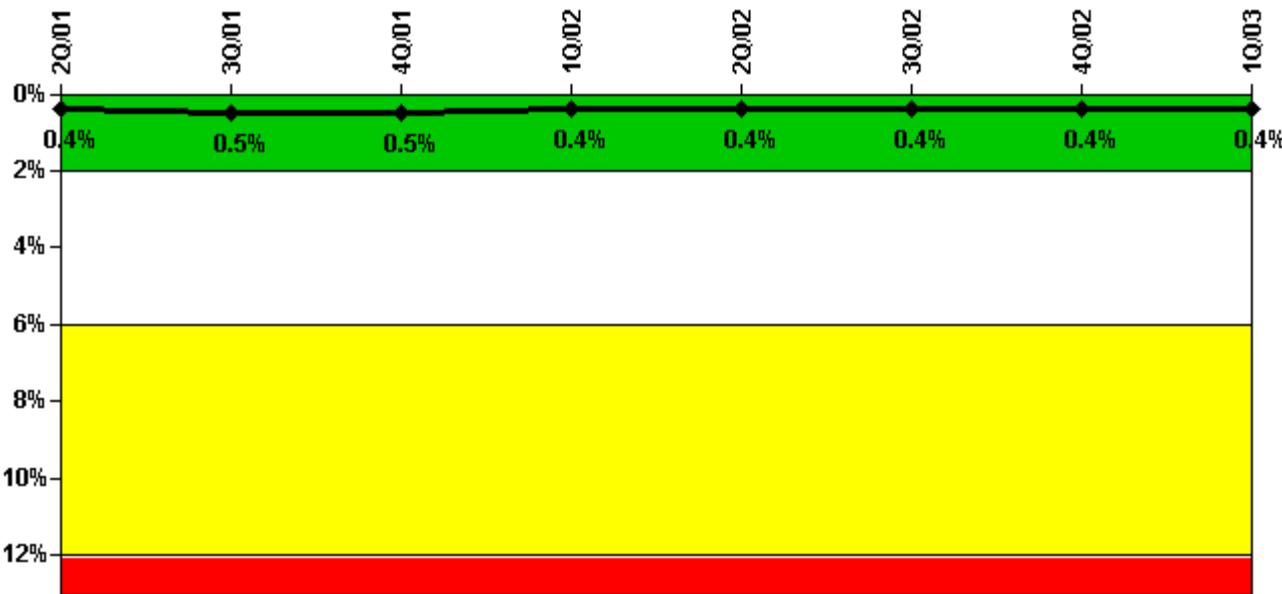
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Train 1								
Planned unavailable hours	0.50	0.40	0.40	1.50	0.60	20.90	0.60	6.10
Unplanned unavailable hours	0	0	0	2.90	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	1706.20	2208.00	2193.00	2160.00	2183.00	2189.70	1655.30	2160.00
Train 2								
Planned unavailable hours	0.80	12.60	1.00	1.20	3.70	25.50	0.80	0.80
Unplanned unavailable hours	0	0	0	0	10.60	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	1706.20	2208.00	2193.00	2160.00	2183.00	2189.70	1655.30	2160.00
Indicator value	0.4%	0.4%	0.4%	0.4%	0.2%	0.3%	0.3%	0.3%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



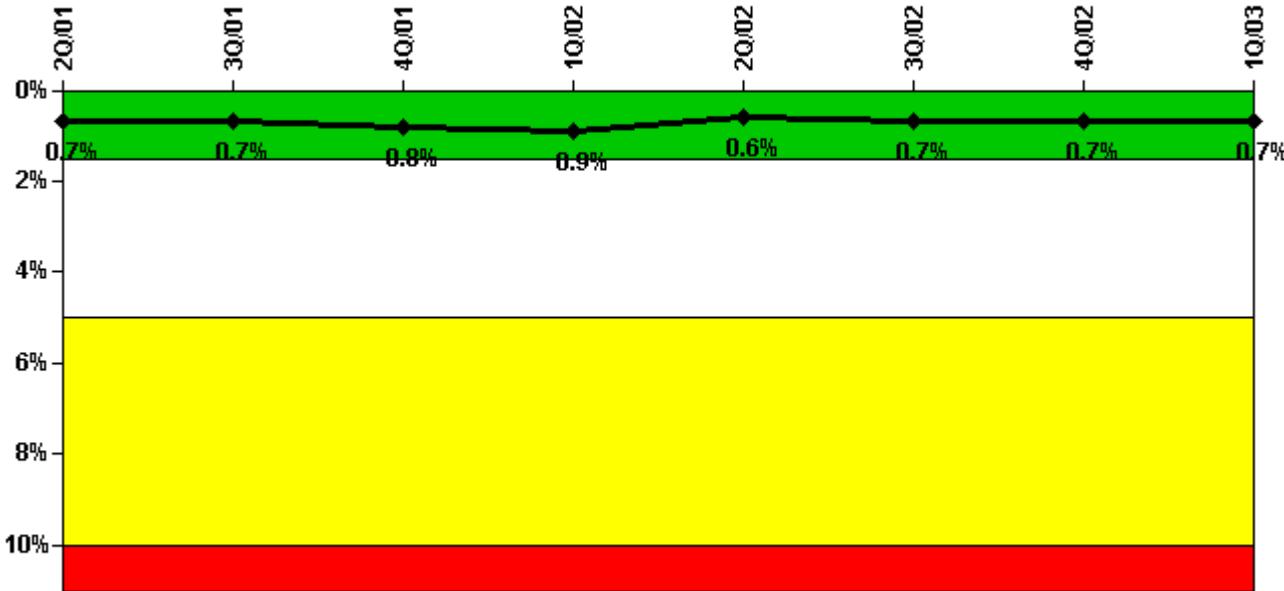
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Train 1								
Planned unavailable hours	1.40	4.50	4.20	4.90	3.30	10.30	0	1.70
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	1606.00	2208.00	2166.00	2160.00	2183.00	2189.70	1705.00	2160.00
Train 2								
Planned unavailable hours	0.60	3.20	2.00	1.40	4.20	8.30	0	2.30
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	1606.00	2208.00	2166.00	2160.00	2183.00	2189.70	1705.00	2160.00
Train 3								
Planned unavailable hours	0.80	8.60	5.90	3.10	10.00	25.50	3.50	8.30
Unplanned unavailable hours	1.70	0	1.80	0	0	10.40	28.80	47.20
Fault exposure hours	25.70	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1606.00	2208.00	2166.00	2160.00	2183.00	2189.70	1705.00	2160.00
Indicator value	0.4%	0.5%	0.5%	0.4%	0.4%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



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

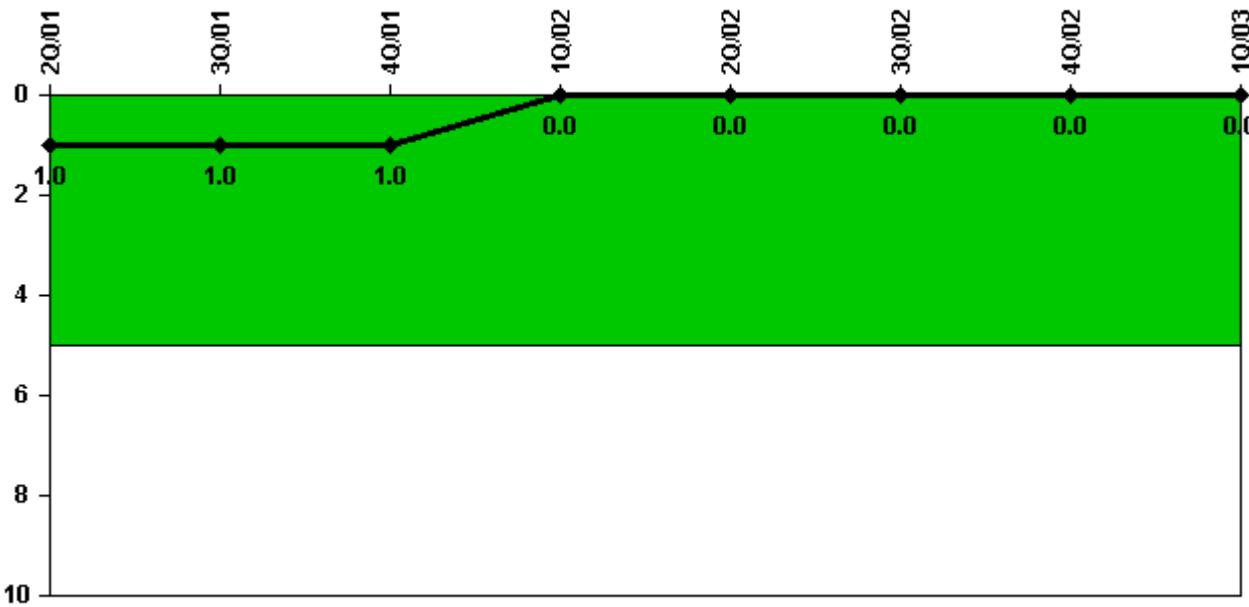
Notes

Safety System Unavailability, Residual Heat Removal System		2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Train 1									
Planned unavailable hours		45.00	3.60	1.50	49.50	13.50	20.40	3.20	4.60
Unplanned unavailable hours		0	20.60	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		1578.00	2208.00	2173.30	2160.00	2183.00	2189.70	1698.70	2160.00
Train 2									
Planned unavailable hours		10.90	0.40	14.80	49.20	2.60	40.40	31.70	2.60
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		1578.00	2208.00	2173.30	2160.00	2183.00	2189.70	1698.70	2160.00
Train 3									
Planned unavailable hours		4.70	0	0	0	0	0	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		578.30	0	43.00	0	0	18.30	503.90	0
Train 4									
Planned unavailable hours		0	0	0	0	0	0	0	0

Unplanned unavailable hours	0	0	0	0	0	0	1.40	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	578.30	0	43.00	0	0	18.30	503.90	0
Indicator value	0.7%	0.7%	0.8%	0.9%	0.6%	0.7%	0.7%	0.7%

Licensee Comments: none

Safety System Functional Failures (PWR)



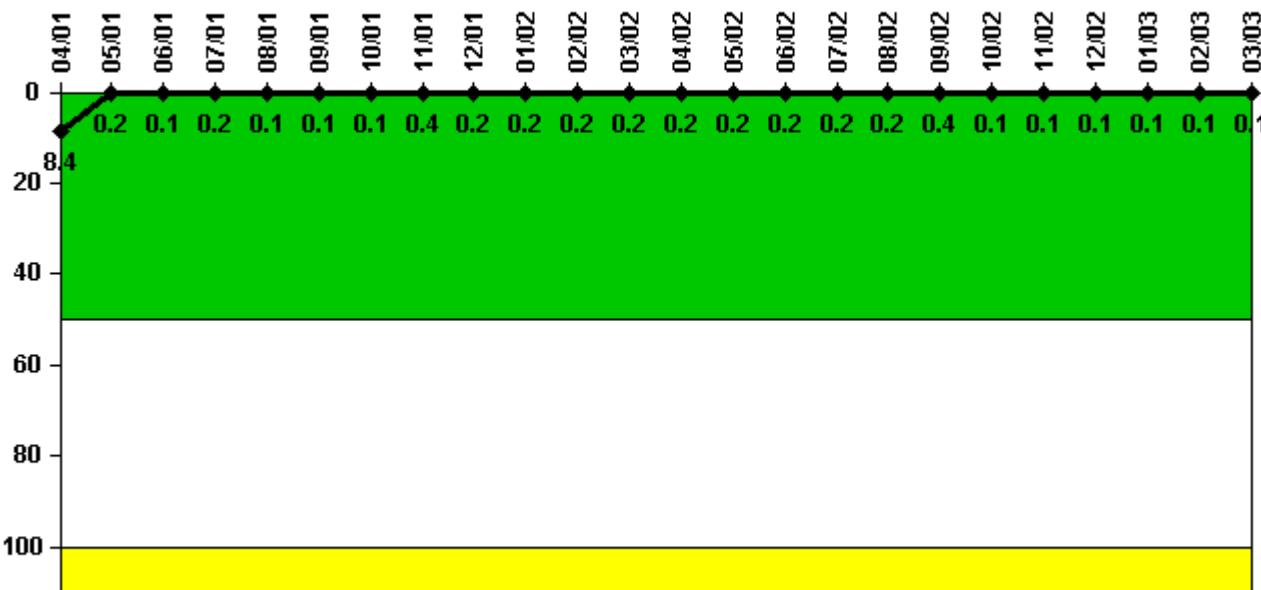
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
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

Reactor Coolant System Activity



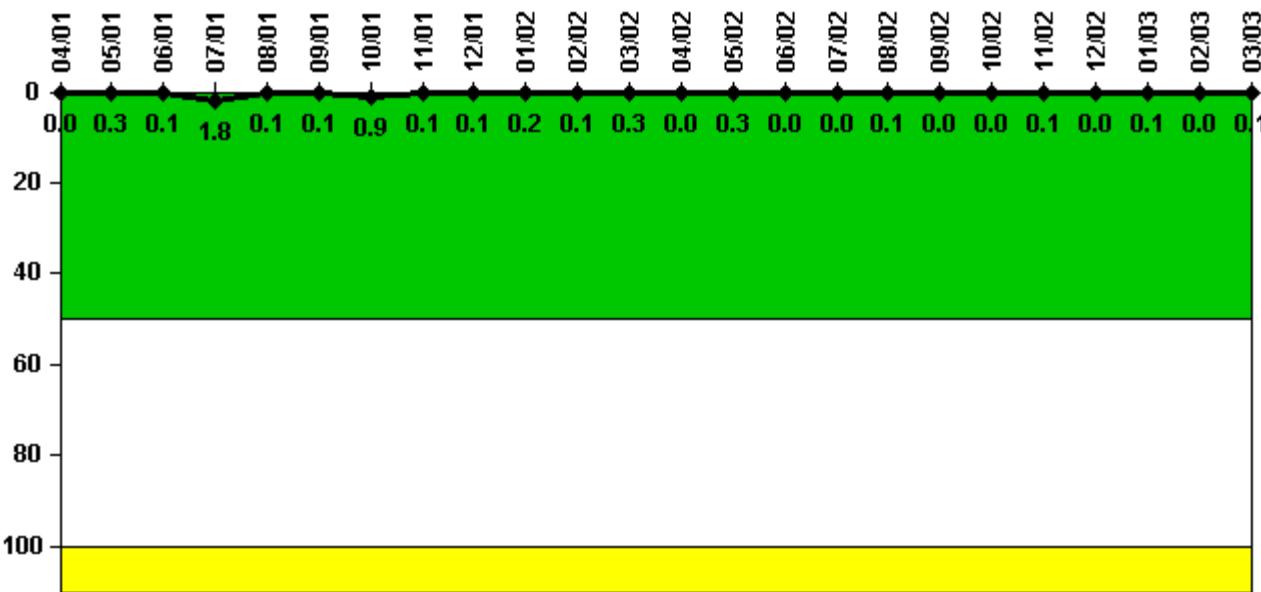
Thresholds: White > 50.0 Yellow > 100.0

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	0.083700	0.001870	0.001260	0.002060	0.001240	0.001260	0.001320	0.004170	0.001660	0.001840	0.001870	0.002040
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	8.4	0.2	0.1	0.2	0.1	0.1	0.1	0.4	0.2	0.2	0.2	0.2
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	0.002310	0.001540	0.001820	0.001820	0.001940	0.004040	0.001110	0.001210	0.001110	0.001130	0.001060	0.000976
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.2	0.2	0.2	0.2	0.2	0.4	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

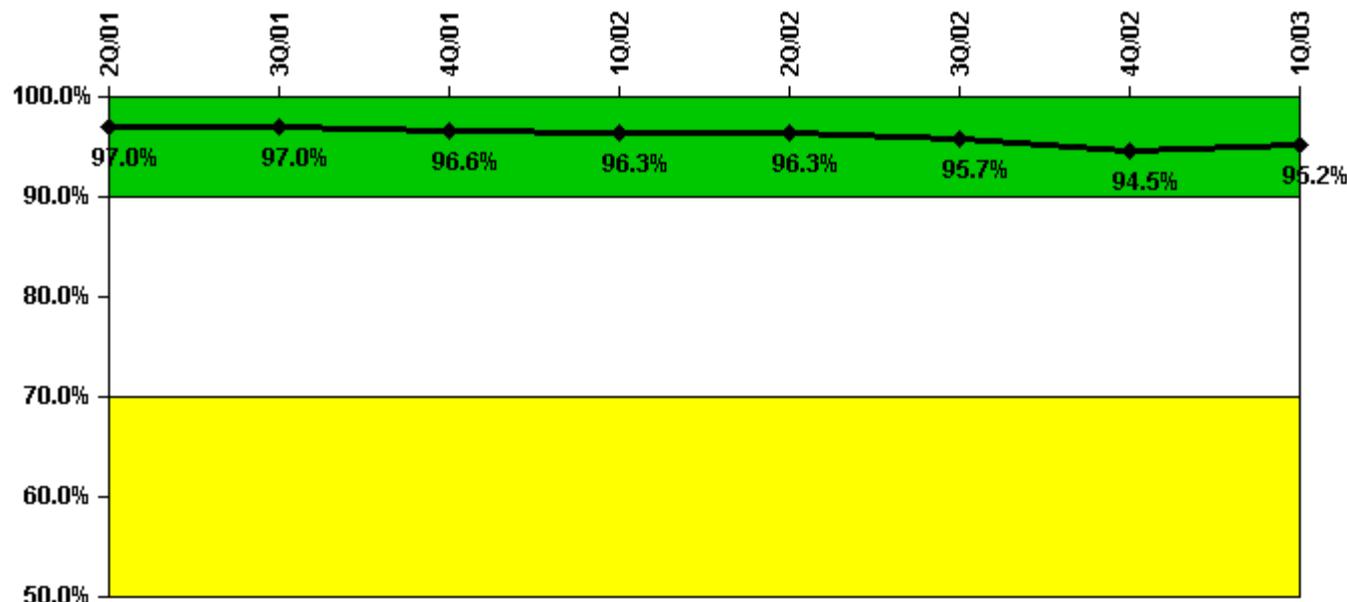
Notes

Reactor Coolant System Leakage	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02
Maximum leakage	0	0.030	0.010	0.180	0.010	0.010	0.090	0.010	0.010	0.020	0.010	0.030
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0.3	0.1	1.8	0.1	0.1	0.9	0.1	0.1	0.2	0.1	0.3

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	0	0.030	0	0.004	0.010	0	0	0.010	0	0.009	0.004	0.011
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0.3	0	0	0.1	0	0	0.1	0	0.1	0	0.1

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

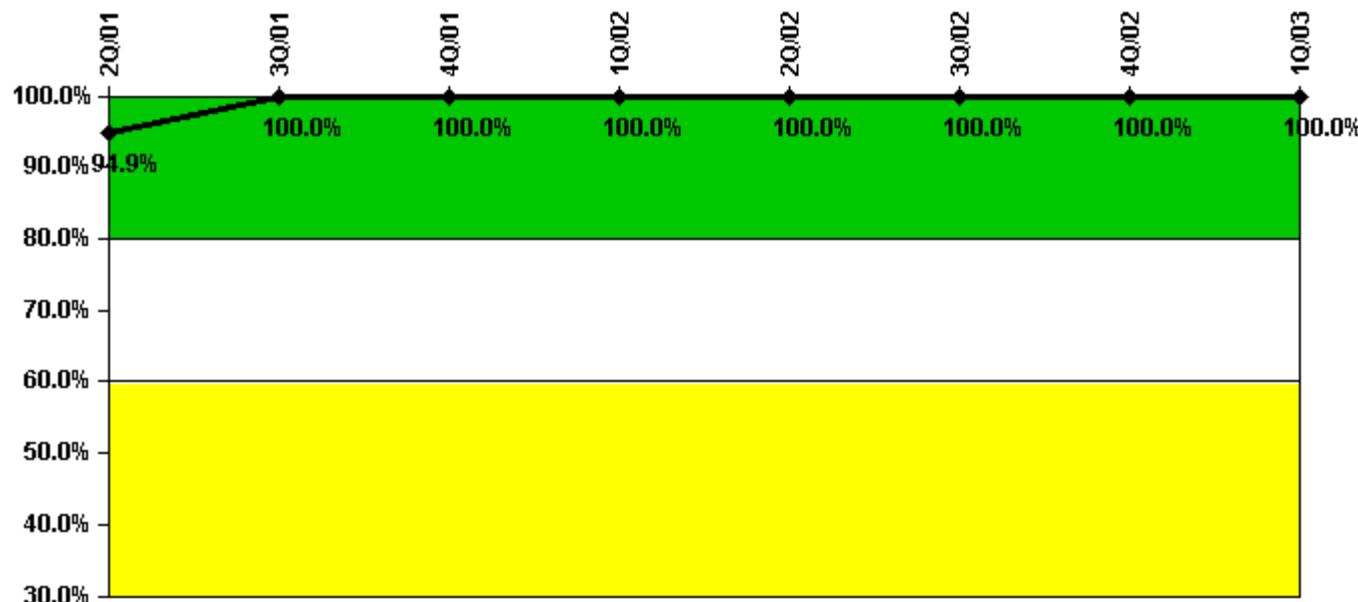
Notes

Drill/Exercise Performance	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Successful opportunities	39.0	82.0	12.0	47.0	13.0	70.0	5.0	87.0
Total opportunities	43.0	85.0	13.0	50.0	14.0	73.0	6.0	89.0
Indicator value	97.0%	97.0%	96.6%	96.3%	96.3%	95.7%	94.5%	95.2%

Licensee Comments:

3Q/02: Corrected both opportunity numbers to remove two (2) inappropriately counted training exercises (72 to 70, and 75 to 73 respectively).

ERO Drill Participation

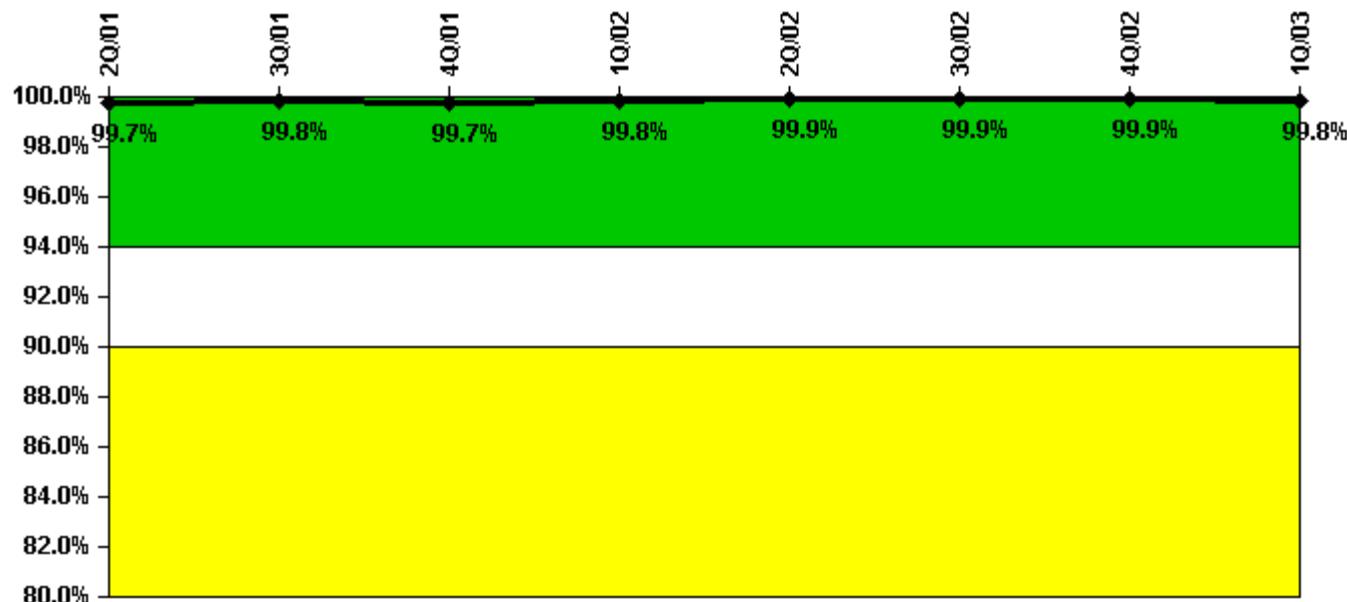


Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Participating Key personnel	75.0	79.0	72.0	72.0	75.0	79.0	75.0	82.0
Total Key personnel	79.0	79.0	72.0	72.0	75.0	79.0	75.0	82.0
Indicator value	94.9%	100.0%						

Licensee Comments: none

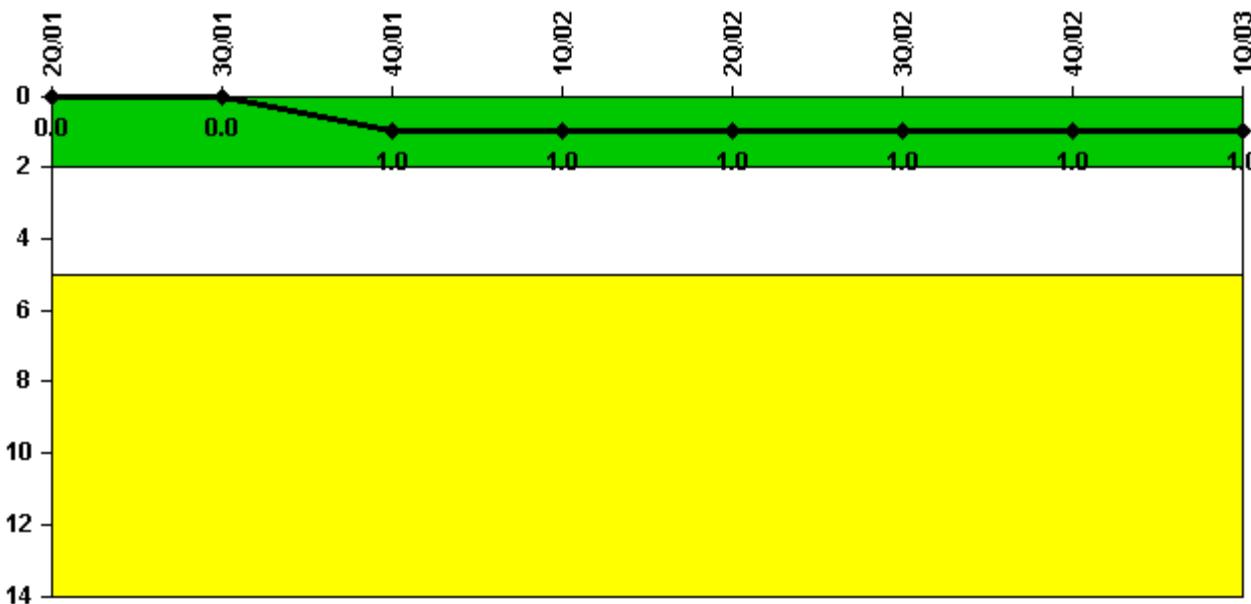
Alert & Notification System

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	521	703	527	704	527	704	527	709
Total sirens-tests	523	704	528	704	528	704	528	711
Indicator value	99.7%	99.8%	99.7%	99.8%	99.9%	99.9%	99.9%	99.8%

Licensee Comments: none

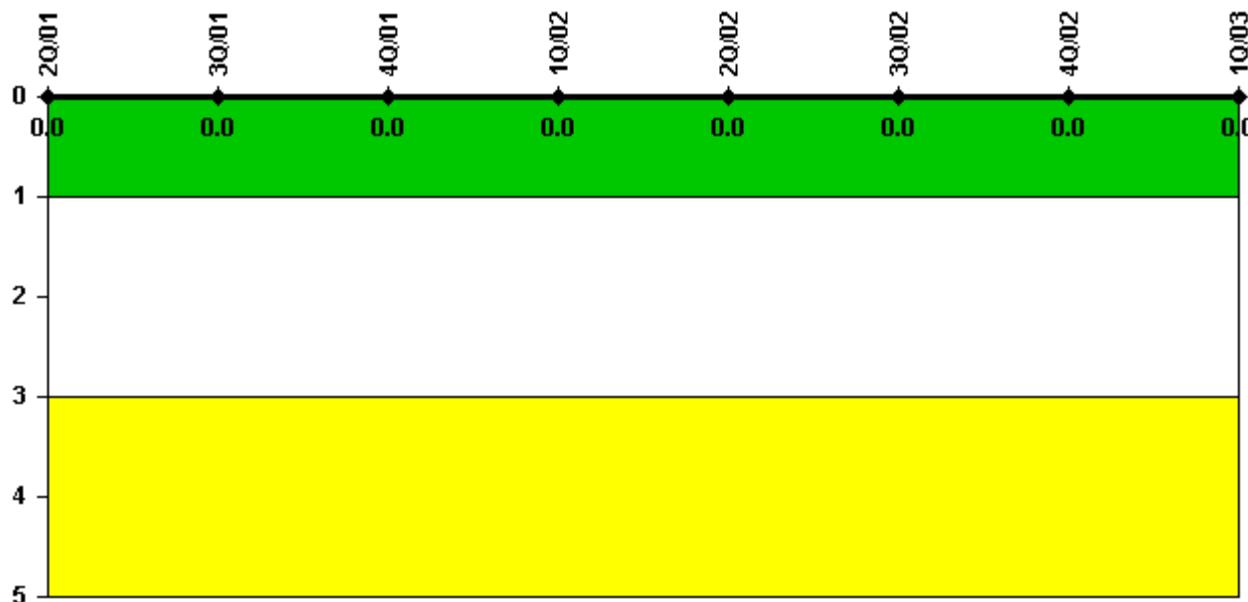
Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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	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
Indicator value	0	0	1	1	1	1	1	1

Licensee Comments: none

RETS/ODCM Radiological Effluent

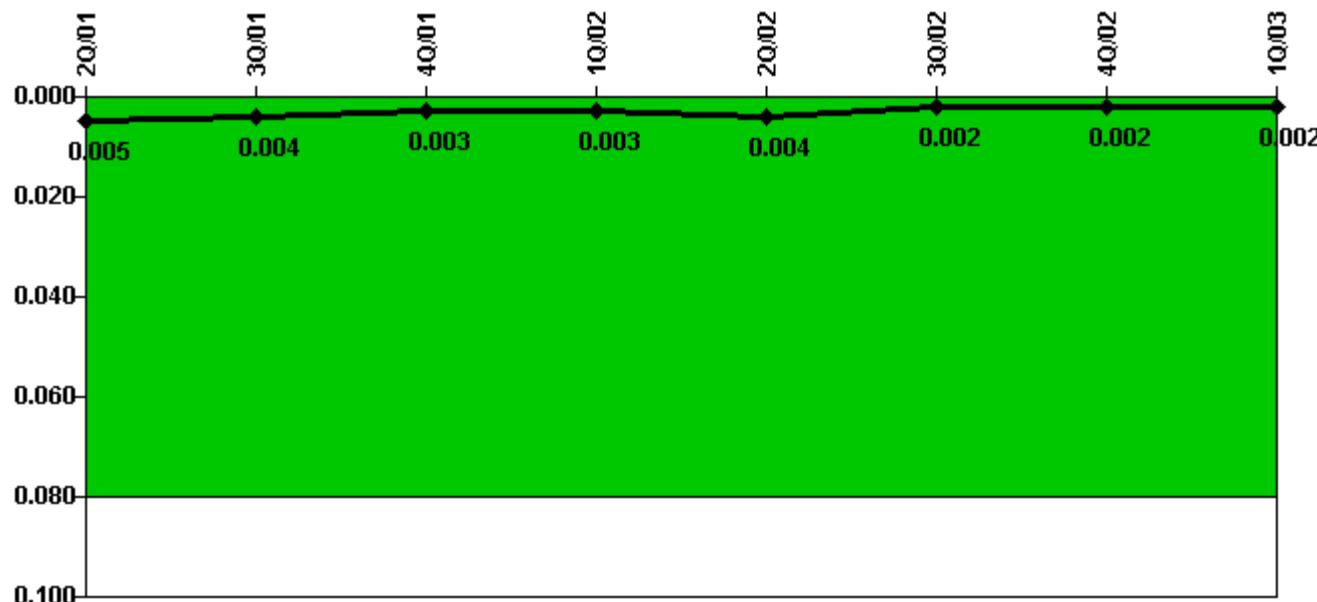
Thresholds: White > 1.0 Yellow > 3.0

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

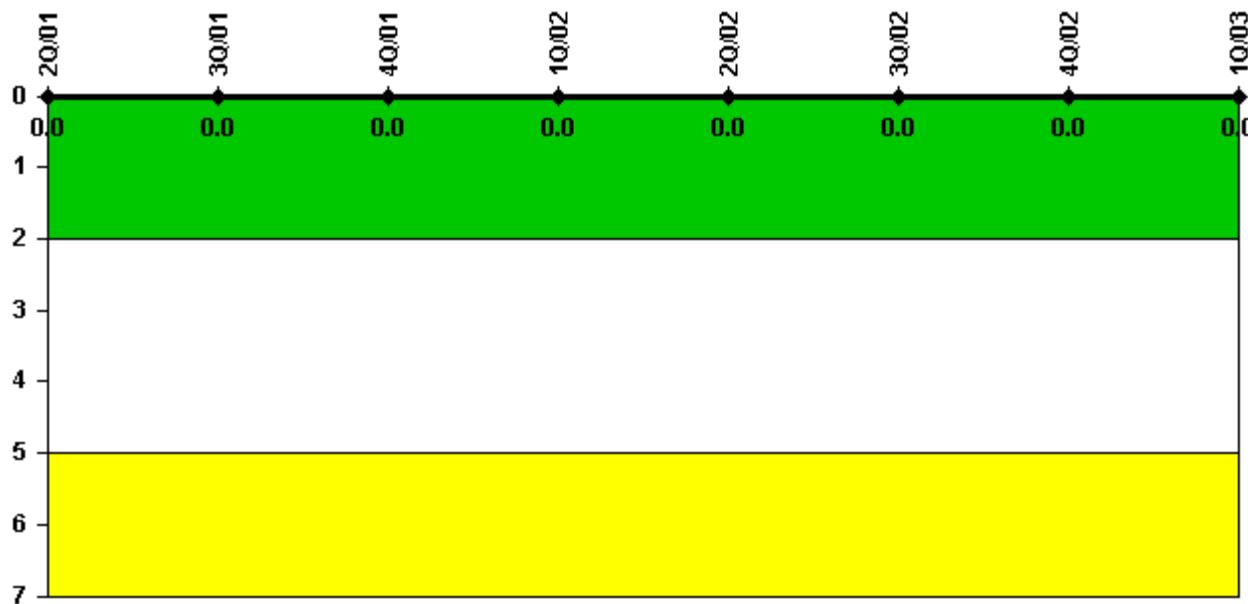


Thresholds: White > 0.080

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	0	81.20	2.70	15.60	39.30	6.80	0	4.40
CCTV compensatory hours	0	0	0	0	0	0	0	0
IDS normalization factor	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80
CCTV normalization factor	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Index Value	0.005	0.004	0.003	0.003	0.004	0.002	0.002	0.002

Licensee Comments: none

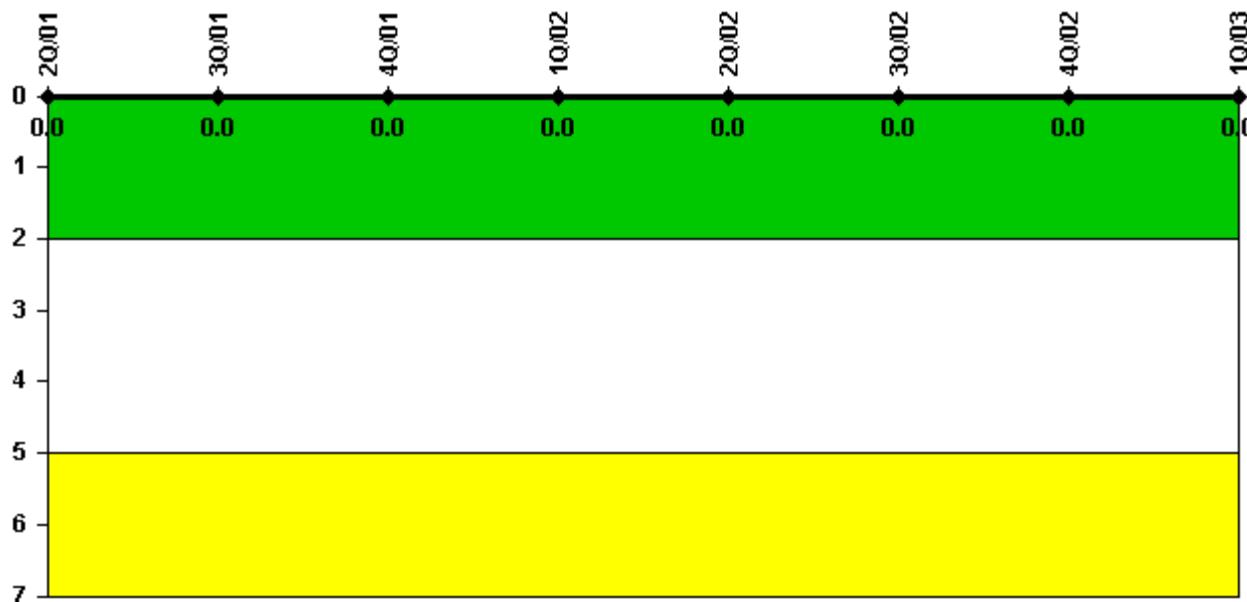
Personnel Screening Program

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](#)

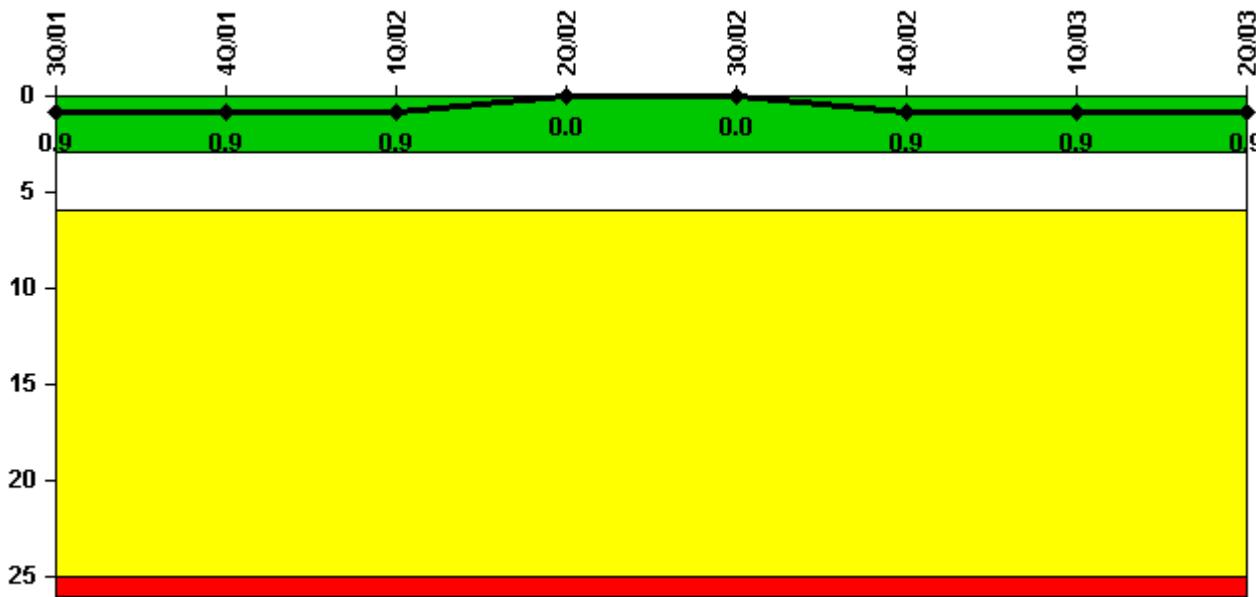
Last Modified: April 22, 2003

Saint Lucie 1

2Q/2003 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs

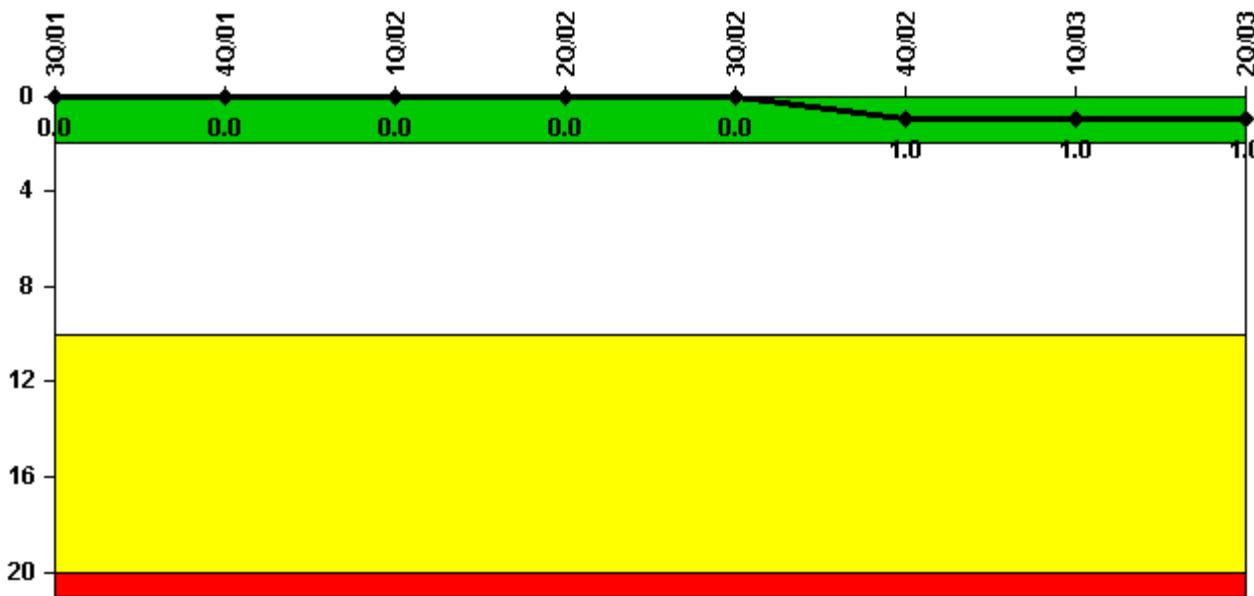


Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0
Critical hours	2208.0	2125.4	2160.0	2183.0	2184.0	1656.5	2160.0	2183.0
Indicator value	0.9	0.9	0.9	0	0	0.9	0.9	0.9

Licensee Comments: none

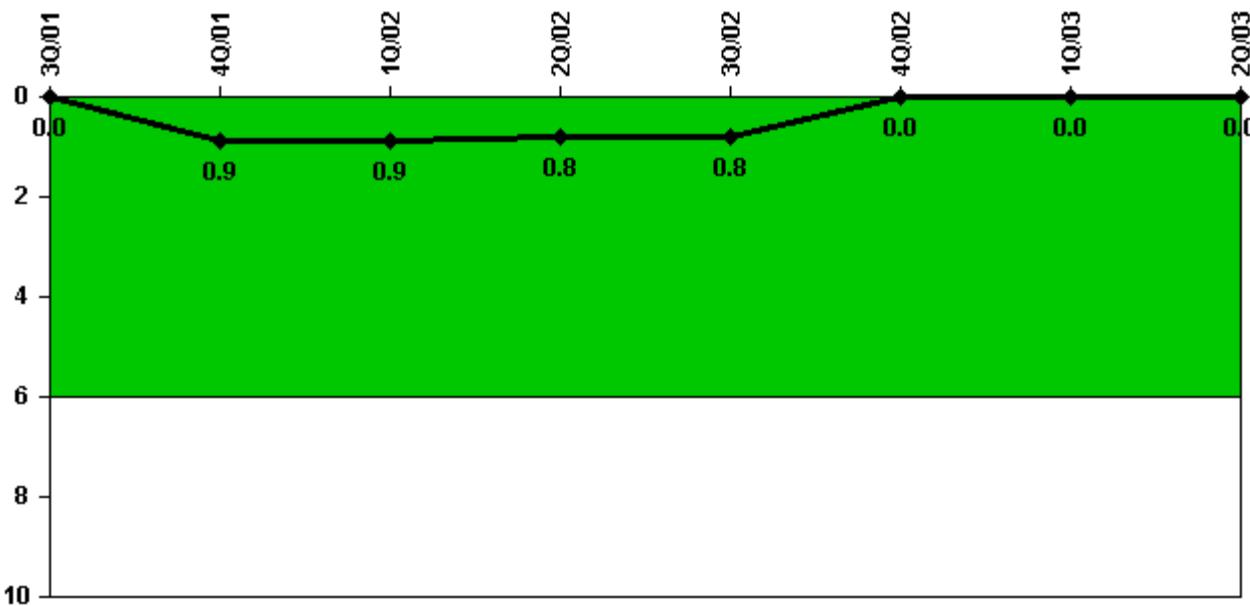
Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Scrams	0	0	0	0	0	1.0	0	0
Indicator value	0	0	0	0	0	1.0	1.0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

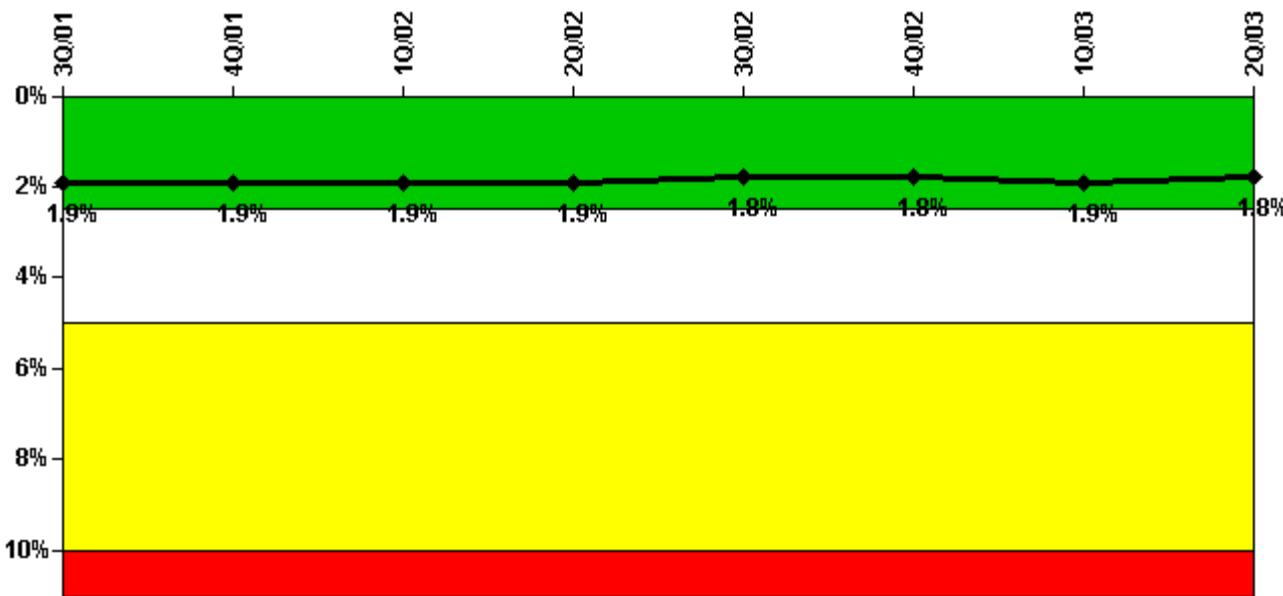
Thresholds: White > 6.0

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	1.0	0	0	0	0	0	0
Critical hours	2208.0	2125.4	2160.0	2183.0	2184.0	1656.5	2160.0	2183.0
Indicator value	0	0.9	0.9	0.8	0.8	0	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



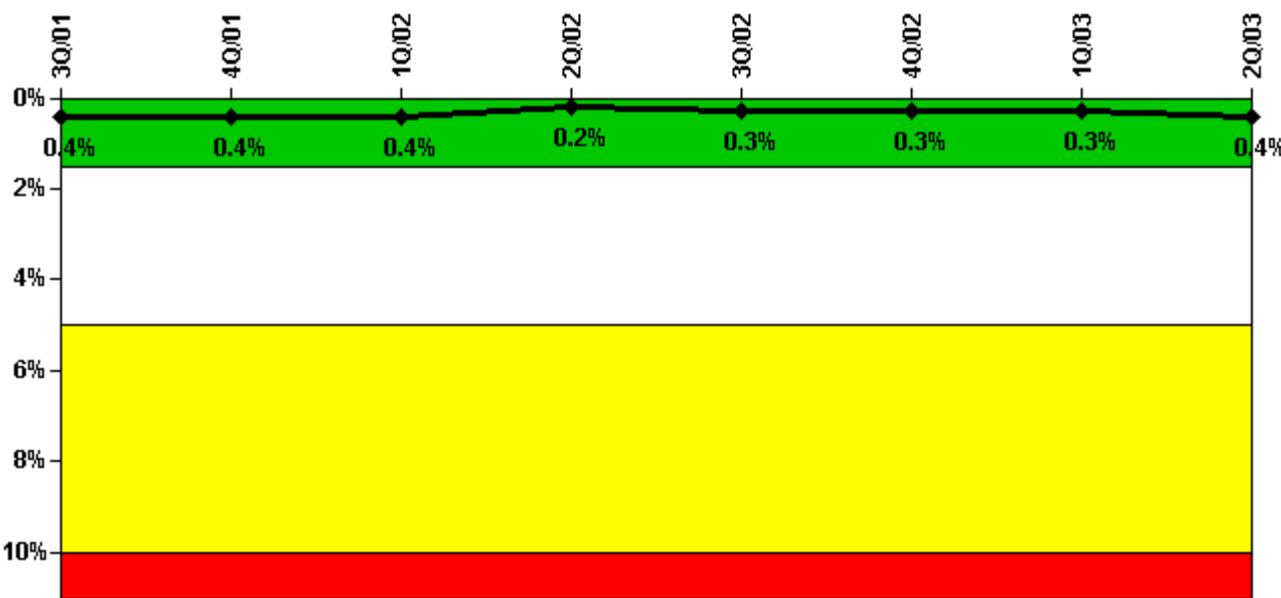
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Train 1								
Planned unavailable hours	51.70	4.80	5.20	6.20	5.50	7.20	4.90	6.60
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	2208.00	2160.00	2183.00	2208.00	1966.50	2160.00	2183.00
Train 2								
Planned unavailable hours	4.60	3.30	7.00	6.90	6.40	12.50	5.40	5.80
Unplanned unavailable hours	0	0	0	0	0	0	4.90	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	2208.00	2160.00	2183.00	2208.00	1966.50	2160.00	2183.00
Indicator value	1.9%	1.9%	1.9%	1.9%	1.8%	1.8%	1.9%	1.8%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



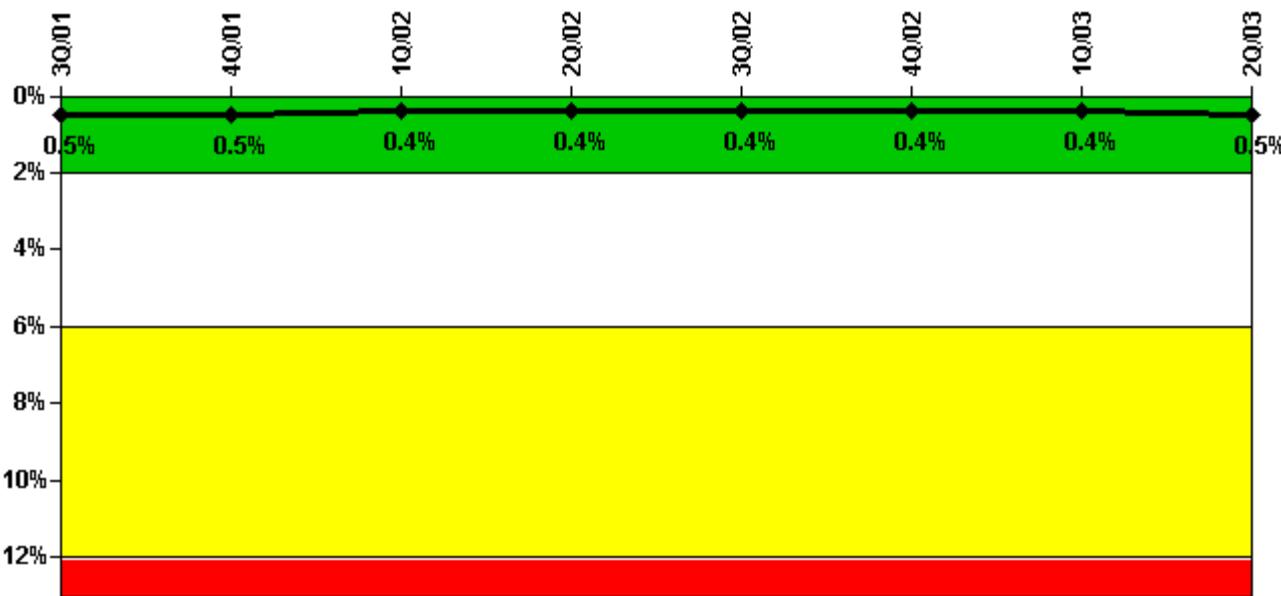
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Train 1								
Planned unavailable hours	0.40	0.40	1.50	0.60	20.90	0.60	6.10	40.50
Unplanned unavailable hours	0	0	2.90	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	2193.00	2160.00	2183.00	2189.70	1655.30	2160.00	2183.00
Train 2								
Planned unavailable hours	12.60	1.00	1.20	3.70	25.50	0.80	0.80	0.90
Unplanned unavailable hours	0	0	0	10.60	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	2208.00	2193.00	2160.00	2183.00	2189.70	1655.30	2160.00	2183.00
Indicator value	0.4%	0.4%	0.4%	0.2%	0.3%	0.3%	0.3%	0.4%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



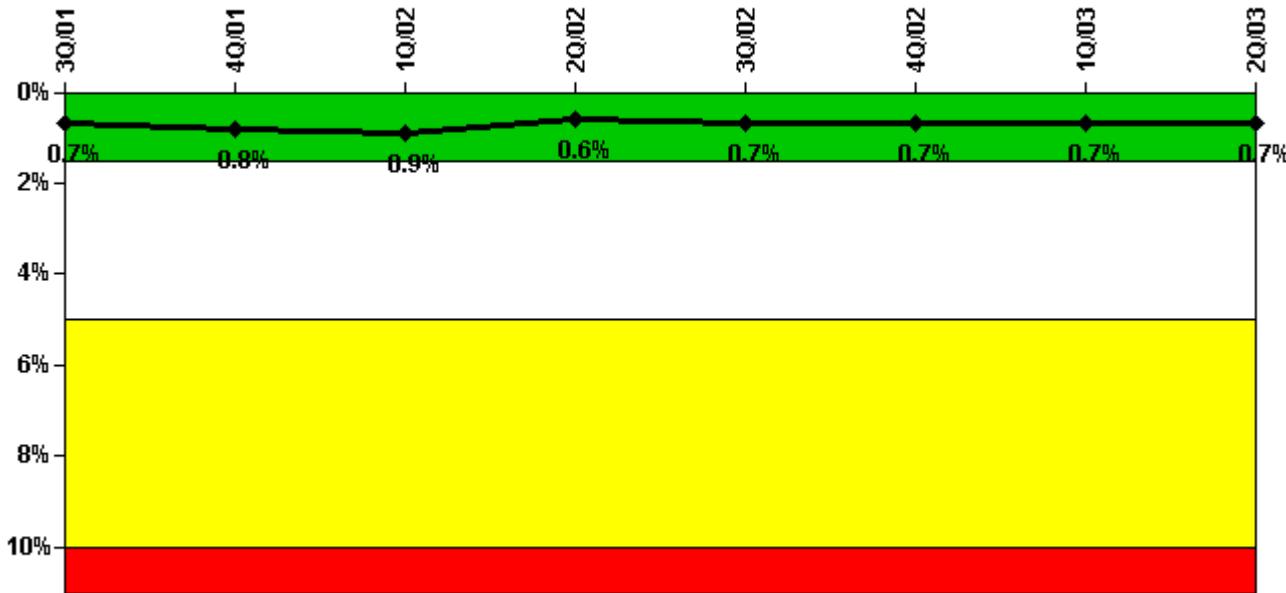
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Train 1								
Planned unavailable hours	4.50	4.20	4.90	3.30	10.30	0	1.70	2.80
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	2208.00	2166.00	2160.00	2183.00	2189.70	1705.00	2160.00	2183.00
Train 2								
Planned unavailable hours	3.20	2.00	1.40	4.20	8.30	0	2.30	3.50
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	2208.00	2166.00	2160.00	2183.00	2189.70	1705.00	2160.00	2183.00
Train 3								
Planned unavailable hours	8.60	5.90	3.10	10.00	25.50	3.50	8.30	5.50
Unplanned unavailable hours	0	1.80	0	0	10.40	28.80	47.20	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	2166.00	2160.00	2183.00	2189.70	1705.00	2160.00	2183.00
Indicator value	0.5%	0.5%	0.4%	0.4%	0.4%	0.4%	0.4%	0.5%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



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

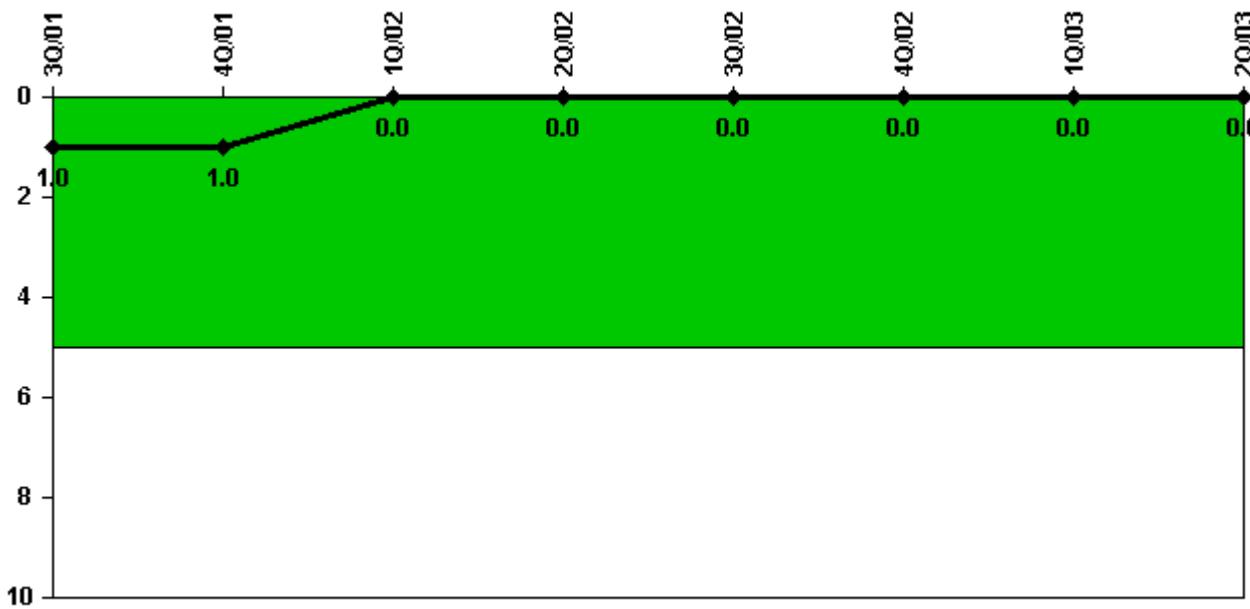
Notes

Safety System Unavailability, Residual Heat Removal System		3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Train 1									
Planned unavailable hours		3.60	1.50	49.50	13.50	20.40	3.20	4.60	2.60
Unplanned unavailable hours		20.60	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		2208.00	2173.30	2160.00	2183.00	2189.70	1698.70	2160.00	2183.00
Train 2									
Planned unavailable hours		0.40	14.80	49.20	2.60	40.40	31.70	2.60	2.40
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	2173.30	2160.00	2183.00	2189.70	1698.70	2160.00	2183.00
Train 3									
Planned unavailable hours		0	0	0	0	0	0	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		0	43.00	0	0	18.30	503.90	0	0
Train 4									
Planned unavailable hours		0	0	0	0	0	0	0	0

Unplanned unavailable hours	0	0	0	0	0	1.40	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	0	43.00	0	0	18.30	503.90	0	0
Indicator value	0.7%	0.8%	0.9%	0.6%	0.7%	0.7%	0.7%	0.7%

Licensee Comments: none

Safety System Functional Failures (PWR)



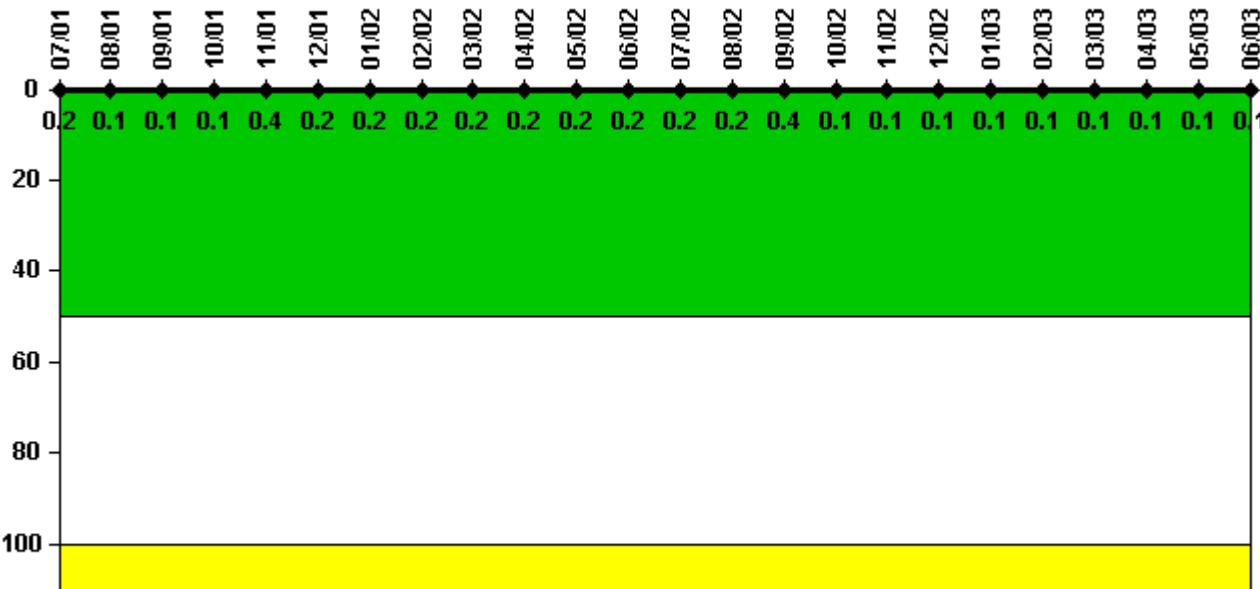
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	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	1	1	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Activity



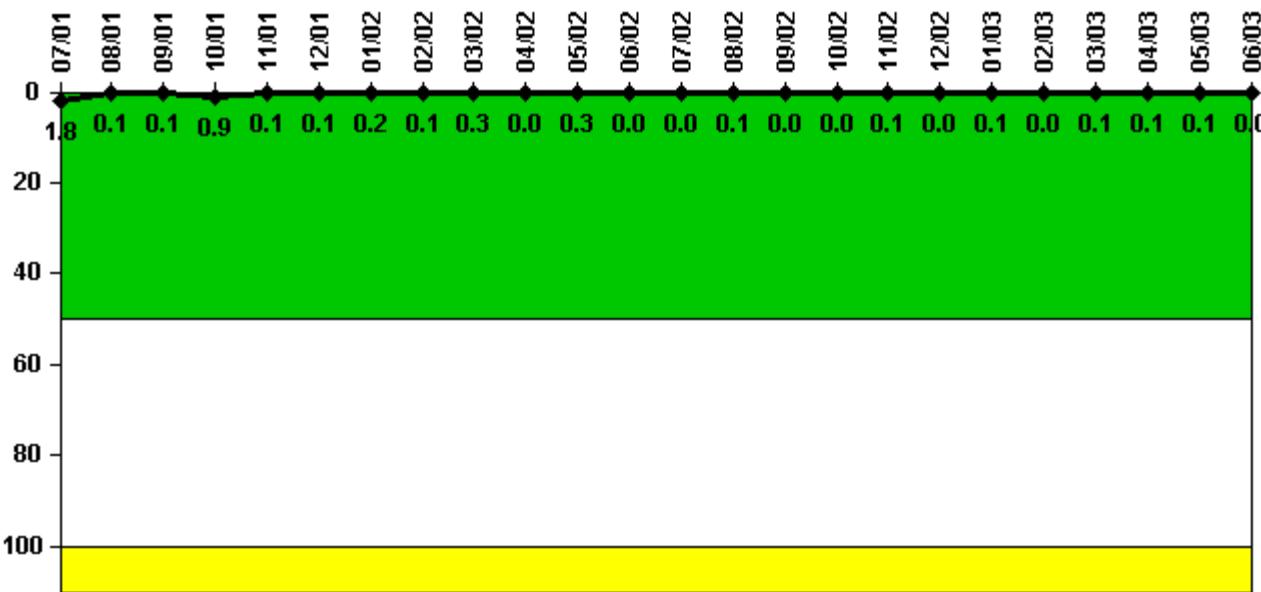
Thresholds: White > 50.0 Yellow > 100.0

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	0.002060	0.001240	0.001260	0.001320	0.004170	0.001660	0.001840	0.001870	0.002040	0.002310	0.001540	0.001820
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.2	0.1	0.1	0.1	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2
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	0.001820	0.001940	0.004040	0.001110	0.001210	0.001110	0.001130	0.001060	0.000976	0.001280	0.000991	0.001050
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.2	0.2	0.4	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



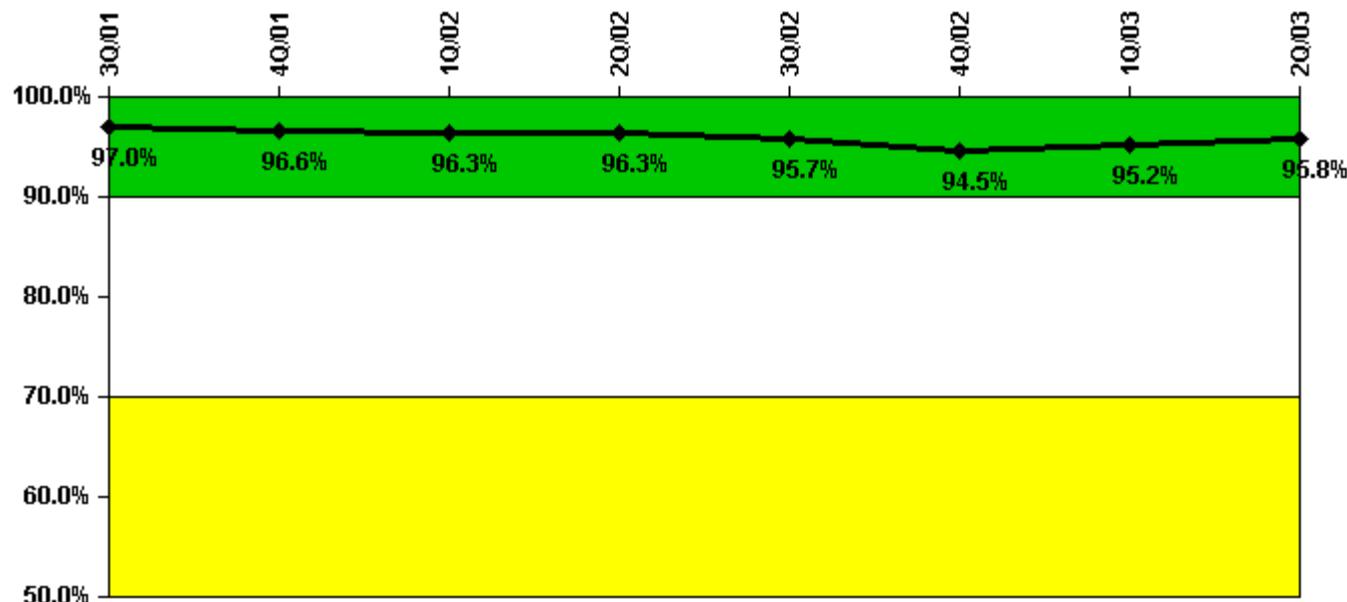
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02
Maximum leakage	0.180	0.010	0.010	0.090	0.010	0.010	0.020	0.010	0.030	0	0.030	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.8	0.1	0.1	0.9	0.1	0.1	0.2	0.1	0.3	0	0.3	0
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	0.004	0.010	0	0	0.010	0	0.009	0.004	0.011	0.013	0.009	0.004
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0.1	0	0	0.1	0	0.1	0	0.1	0.1	0.1	0

Licensee Comments: none

Drill/Exercise Performance

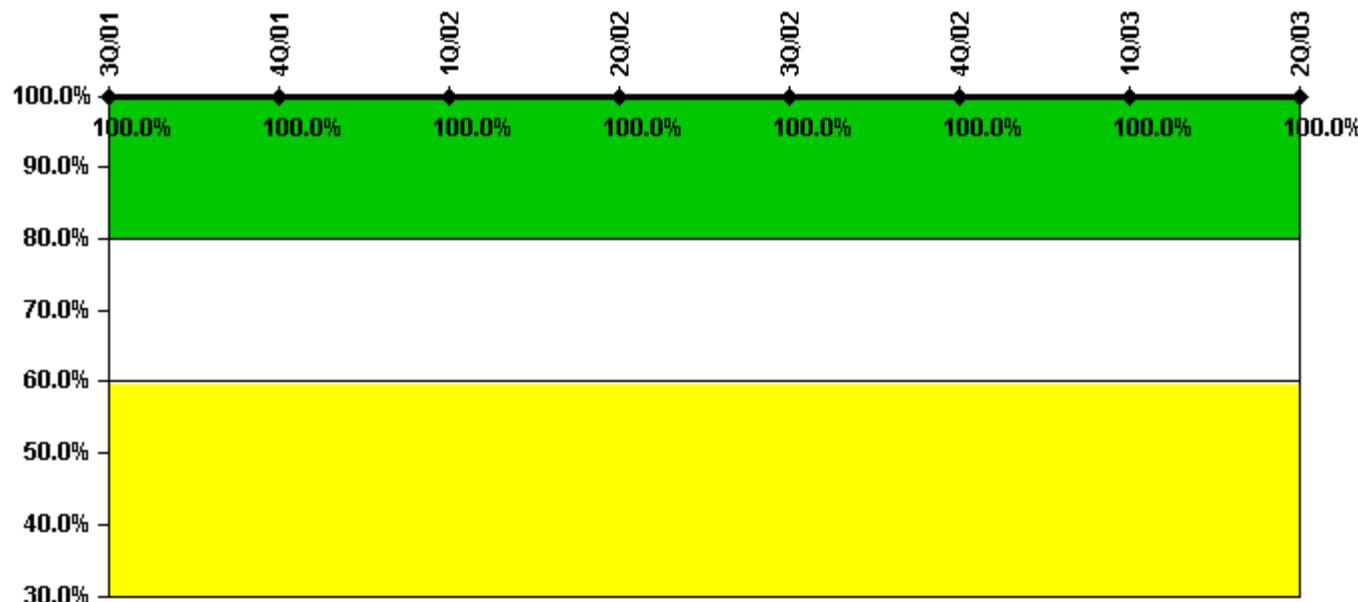


Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Successful opportunities	82.0	12.0	47.0	13.0	70.0	5.0	87.0	48.0
Total opportunities	85.0	13.0	50.0	14.0	73.0	6.0	89.0	50.0
Indicator value	97.0%	96.6%	96.3%	96.3%	95.7%	94.5%	95.2%	95.8%

Licensee Comments: none

ERO Drill Participation

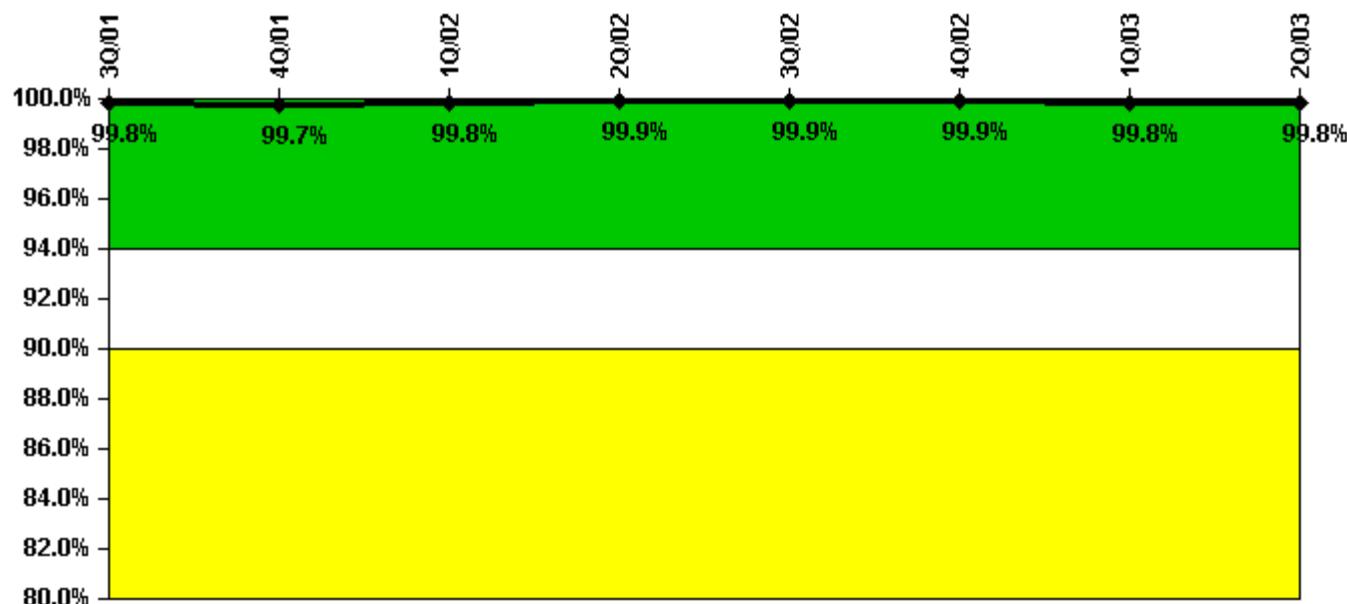
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Participating Key personnel	79.0	72.0	72.0	75.0	79.0	75.0	82.0	84.0
Total Key personnel	79.0	72.0	72.0	75.0	79.0	75.0	82.0	84.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



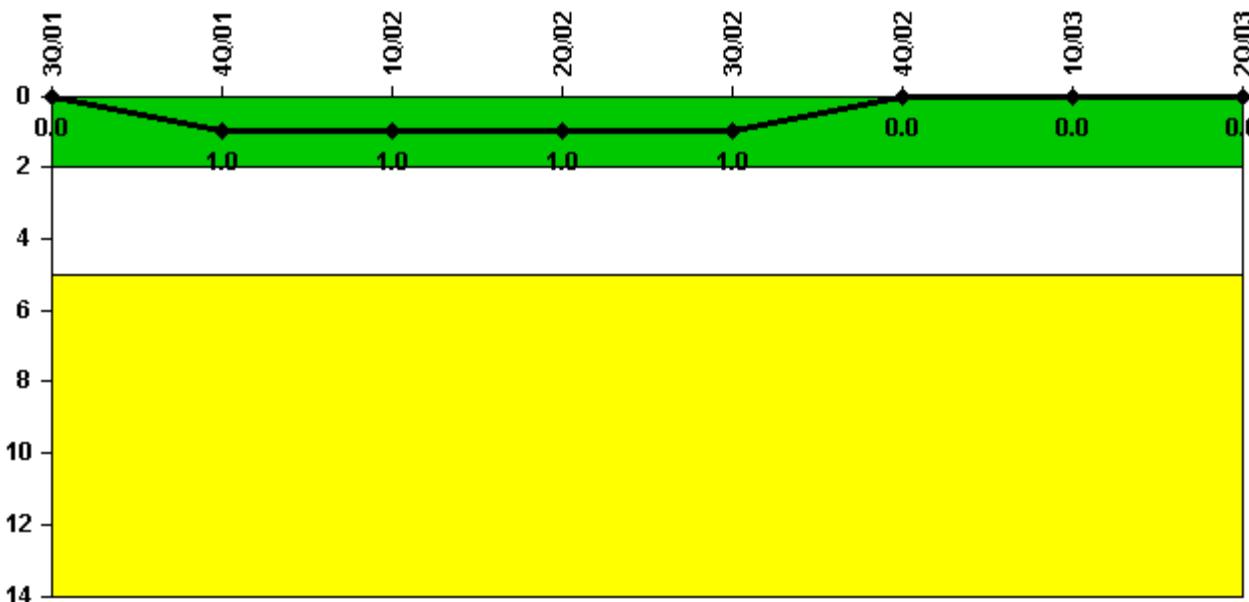
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Successful siren-tests	703	527	704	527	704	527	709	533
Total sirens-tests	704	528	704	528	704	528	711	534
Indicator value	99.8%	99.7%	99.8%	99.9%	99.9%	99.9%	99.8%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



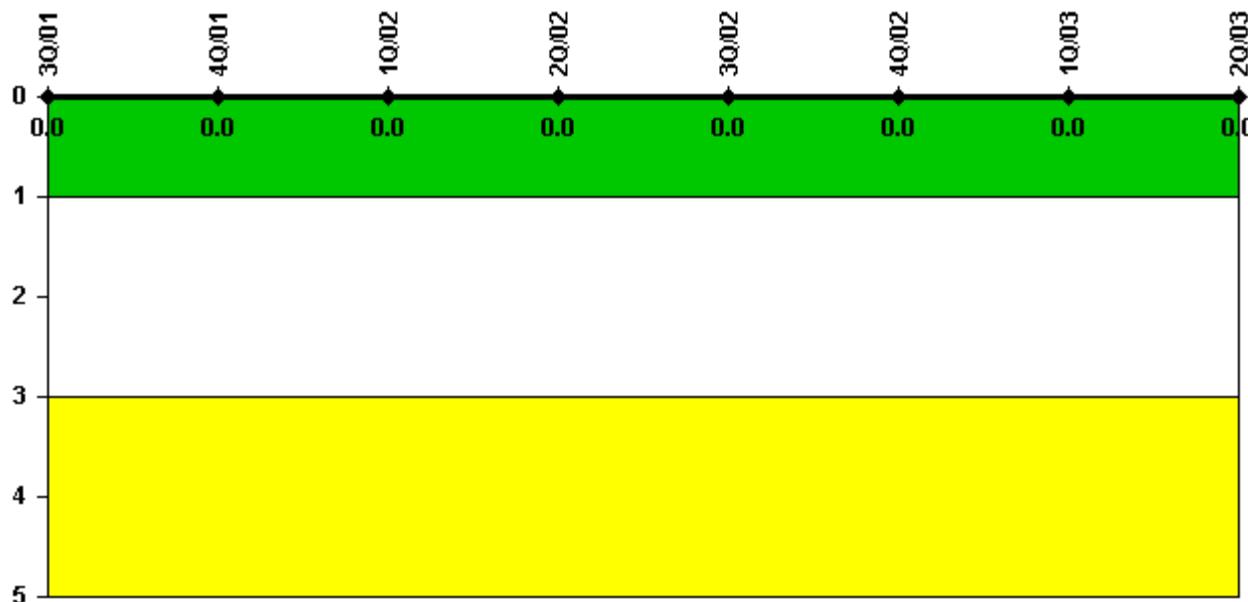
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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	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	1	1	1	1	0	0	0

Licensee Comments:

4Q/02: LHRA event FAQ submitted. Data may change pending disposition of FAQ. UPDATE: FAQ 346 response determined that the previously reported 4Q/2002 event did not constitute a high radiation area occurrence. Therefore, data for the Q4/2002 high radiation area occurrences was corrected to show 0 occurrences.

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

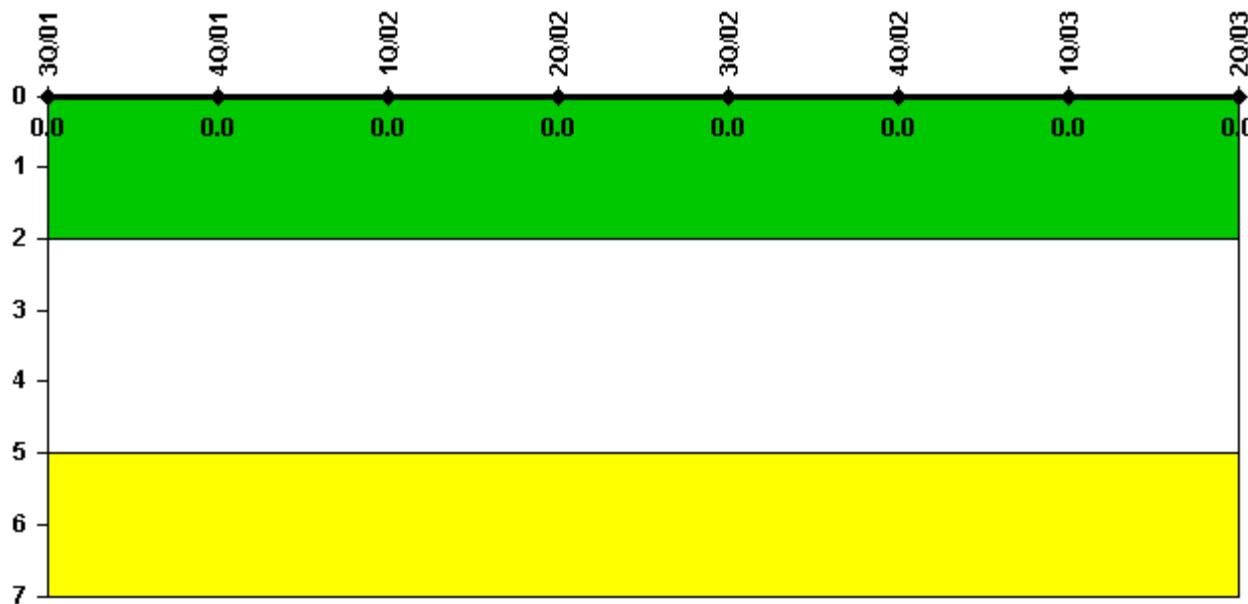


Thresholds: White > 0.080

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	81.20	2.70	15.60	39.30	6.80	0	4.40	28.80
CCTV compensatory hours	0	0	0	0	0	0	0	9.5
IDS normalization factor	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80
CCTV normalization factor	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Index Value	0.004	0.003	0.003	0.004	0.002	0.002	0.002	0.002

Licensee Comments: none

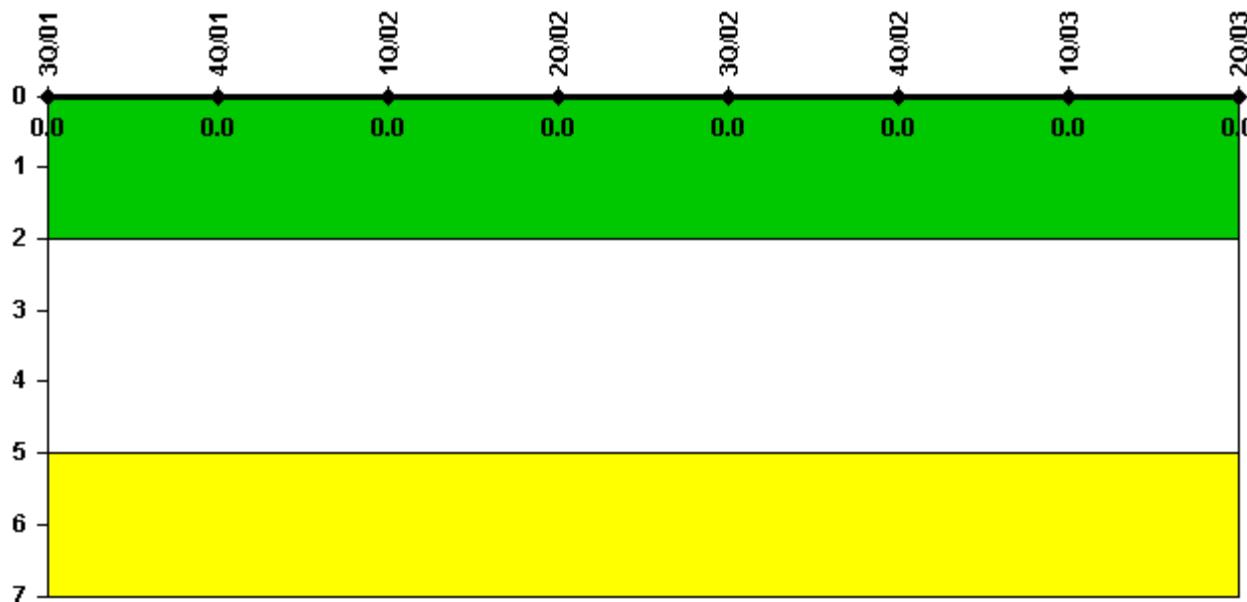
Personnel Screening Program

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](#)

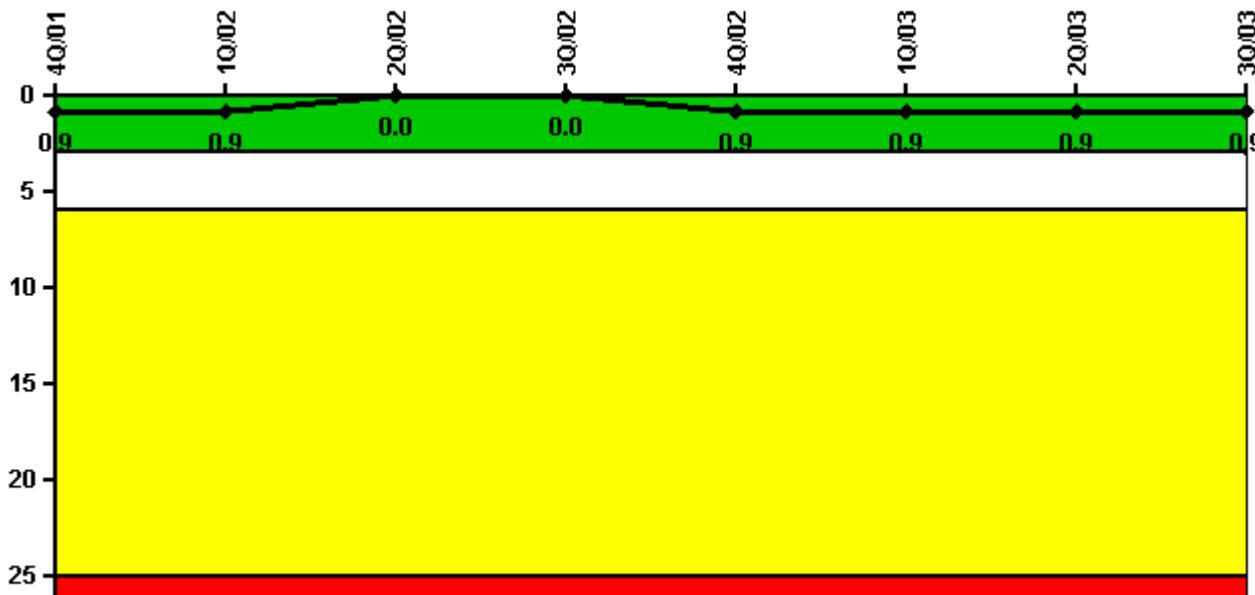
Last Modified: July 22, 2003

Saint Lucie 1

3Q/2003 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs

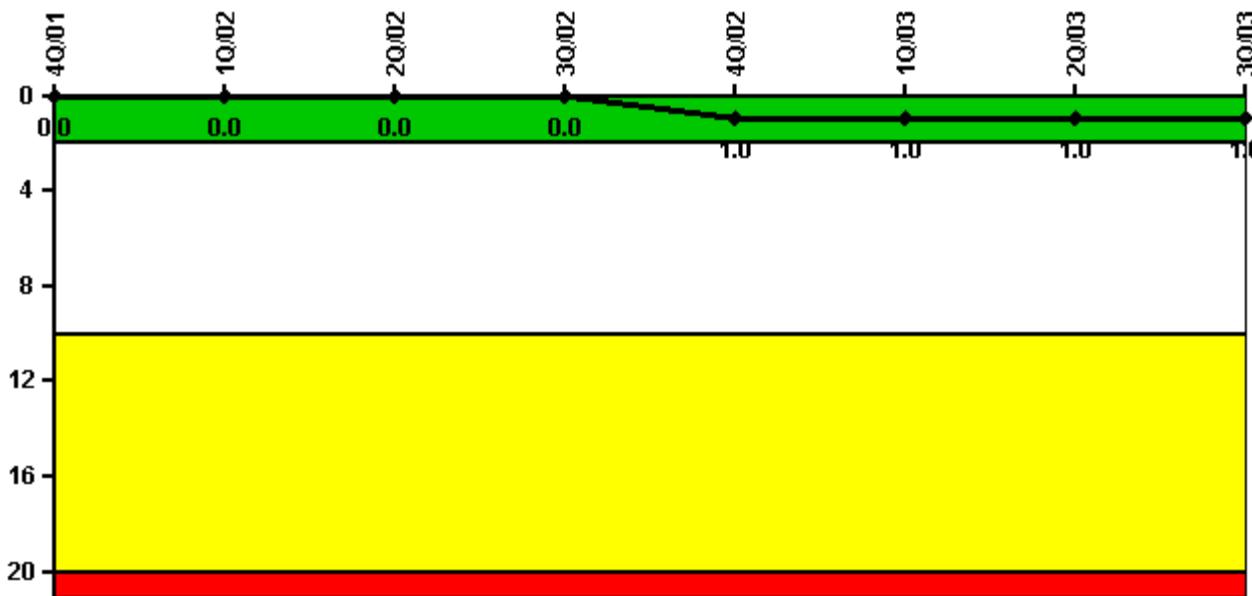


Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0
Critical hours	2125.4	2160.0	2183.0	2184.0	1656.5	2160.0	2183.0	2208.0
Indicator value	0.9	0.9	0	0	0.9	0.9	0.9	0.9

Licensee Comments: none

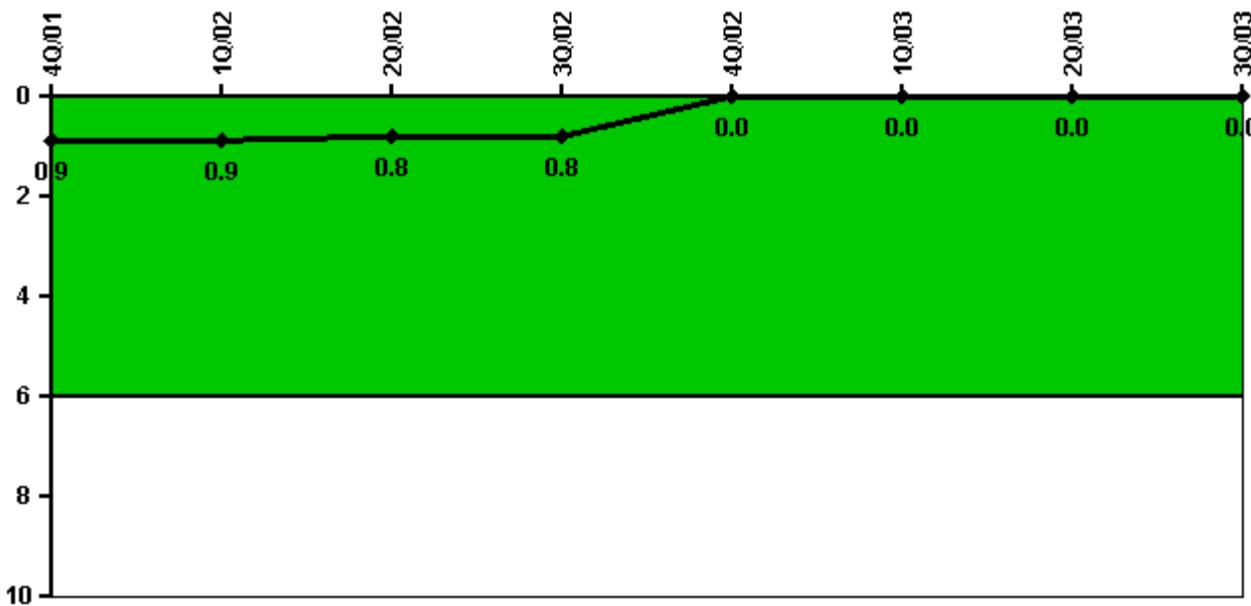
Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
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

Unplanned Power Changes per 7000 Critical Hrs

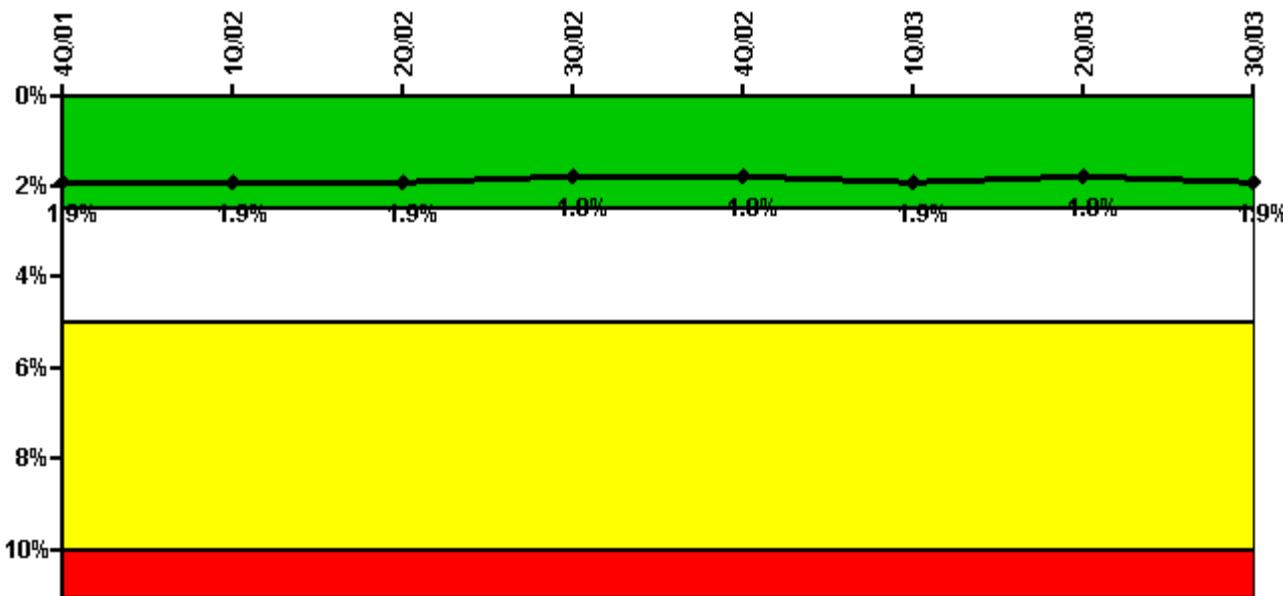
Thresholds: White > 6.0

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	1.0	0	0	0	0	0	0	0
Critical hours	2125.4	2160.0	2183.0	2184.0	1656.5	2160.0	2183.0	2208.0
Indicator value	0.9	0.9	0.8	0.8	0	0	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



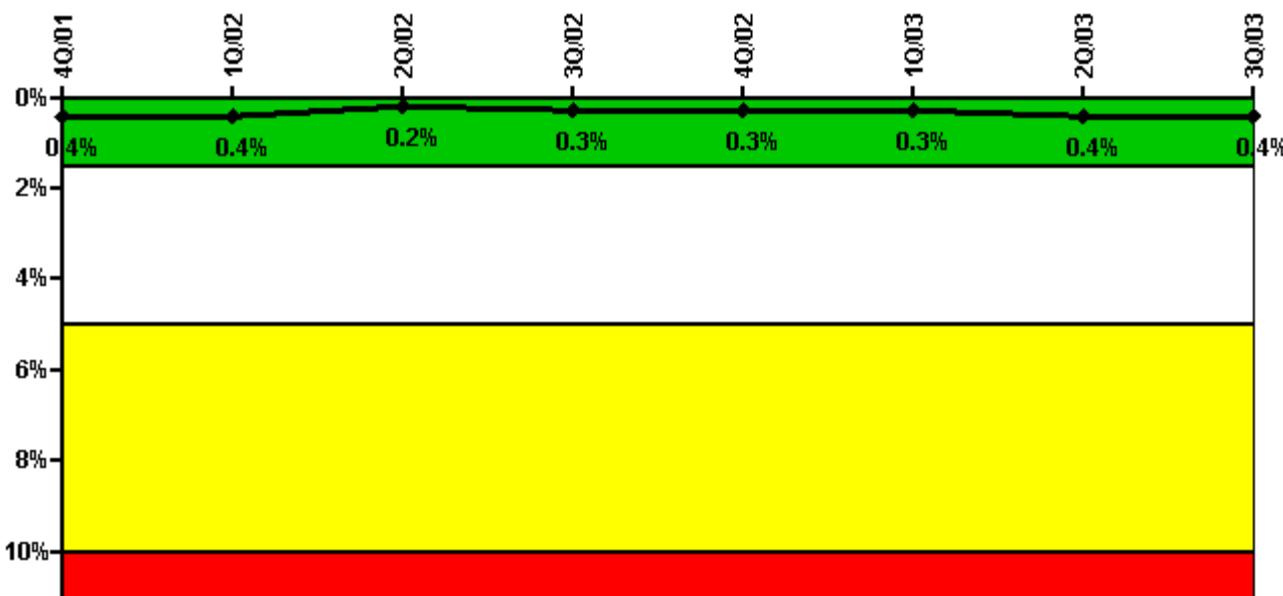
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Train 1								
Planned unavailable hours	4.80	5.20	6.20	5.50	7.20	4.90	6.60	10.70
Unplanned unavailable hours	0	0	0	0	0	0	0	10.20
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	2160.00	2183.00	2208.00	1966.50	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	3.30	7.00	6.90	6.40	12.50	5.40	5.80	4.20
Unplanned unavailable hours	0	0	0	0	0	4.90	0	17.10
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2160.00	2183.00	2208.00	1966.50	2160.00	2183.00	2208.00
Indicator value	1.9%	1.9%	1.9%	1.8%	1.8%	1.9%	1.8%	1.9%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



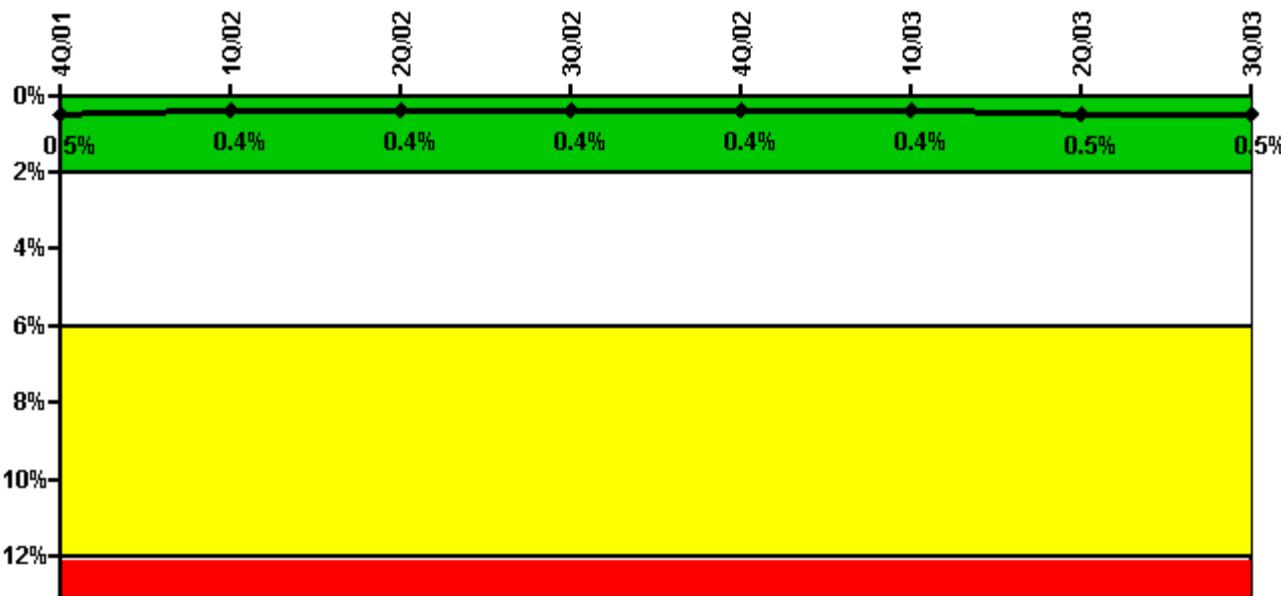
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Train 1								
Planned unavailable hours	0.40	1.50	0.60	20.90	0.60	6.10	40.50	0.50
Unplanned unavailable hours	0	2.90	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	2193.00	2160.00	2183.00	2189.70	1655.30	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	1.00	1.20	3.70	25.50	0.80	0.80	0.90	0.70
Unplanned unavailable hours	0	0	10.60	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	2193.00	2160.00	2183.00	2189.70	1655.30	2160.00	2183.00	2208.00
Indicator value	0.4%	0.4%	0.2%	0.3%	0.3%	0.3%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



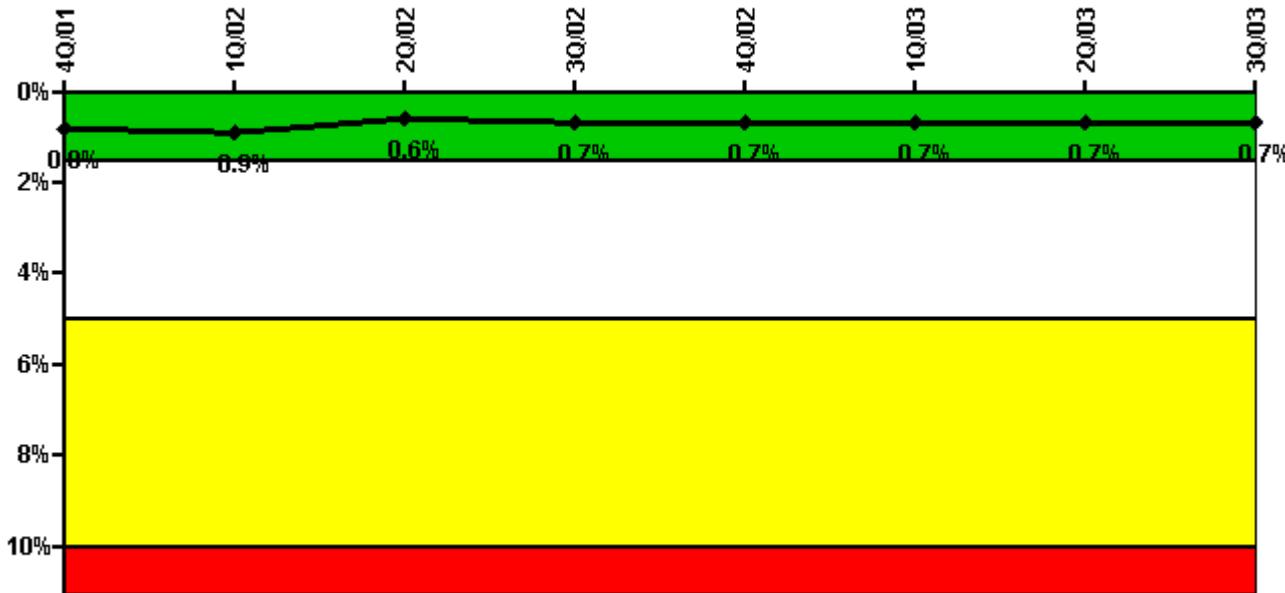
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Train 1								
Planned unavailable hours	4.20	4.90	3.30	10.30	0	1.70	2.80	3.60
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	2166.00	2160.00	2183.00	2189.70	1705.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	2.00	1.40	4.20	8.30	0	2.30	3.50	2.20
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	2166.00	2160.00	2183.00	2189.70	1705.00	2160.00	2183.00	2208.00
Train 3								
Planned unavailable hours	5.90	3.10	10.00	25.50	3.50	8.30	5.50	4.90
Unplanned unavailable hours	1.80	0	0	10.40	28.80	47.20	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	2166.00	2160.00	2183.00	2189.70	1705.00	2160.00	2183.00	2208.00
Indicator value	0.5%	0.4%	0.4%	0.4%	0.4%	0.4%	0.5%	0.5%

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
Train 1									
Planned unavailable hours		1.50	49.50	13.50	20.40	3.20	4.60	2.60	66.30
Unplanned unavailable hours		0	0	0	0	0	0	0	65.50
Fault exposure hours		0	0	0	0	0	0	0	0
Effective Reset hours		0	0	0	0	0	0	0	0
Required hours		2173.30	2160.00	2183.00	2189.70	1698.70	2160.00	2183.00	2208.00
Train 2									
Planned unavailable hours		14.80	49.20	2.60	40.40	31.70	2.60	2.40	54.00
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		2173.30	2160.00	2183.00	2189.70	1698.70	2160.00	2183.00	2208.00
Train 3									
Planned unavailable hours		0	0	0	0	0	0	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		43.00	0	0	18.30	503.90	0	0	0
Train 4									
Planned unavailable hours		0	0	0	0	0	0	0	0

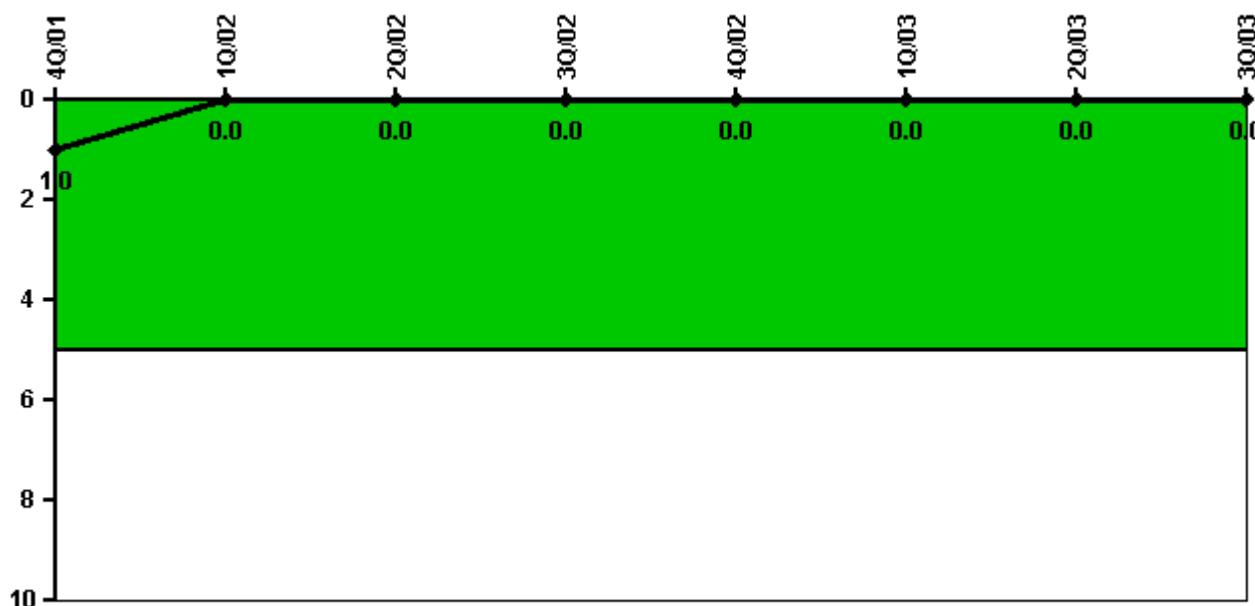
Unplanned unavailable hours	0	0	0	0	1.40	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	43.00	0	0	18.30	503.90	0	0	0
Indicator value	0.8%	0.9%	0.6%	0.7%	0.7%	0.7%	0.7%	0.7%

Licensee Comments:

3Q/03: Train 1, 350.3 hours of T/2 Fault Exposure Hours.

3Q/03: Train 1, 350.3 hours of T/2 Fault Exposure Hours.

Safety System Functional Failures (PWR)



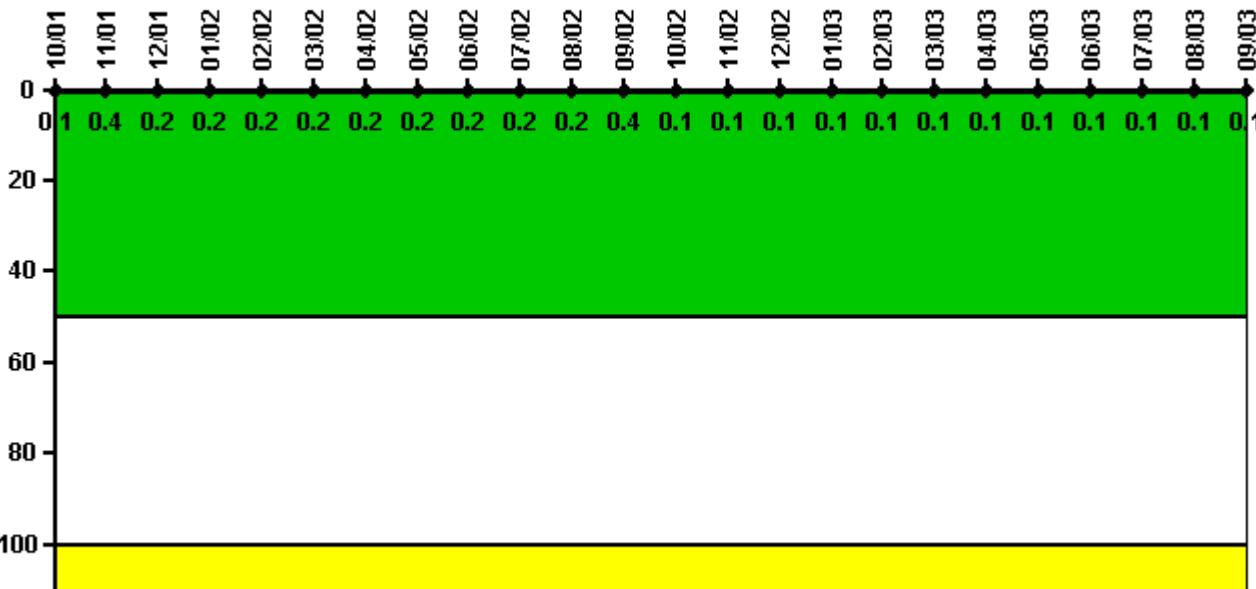
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	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	0	0
Indicator value	1	0						

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

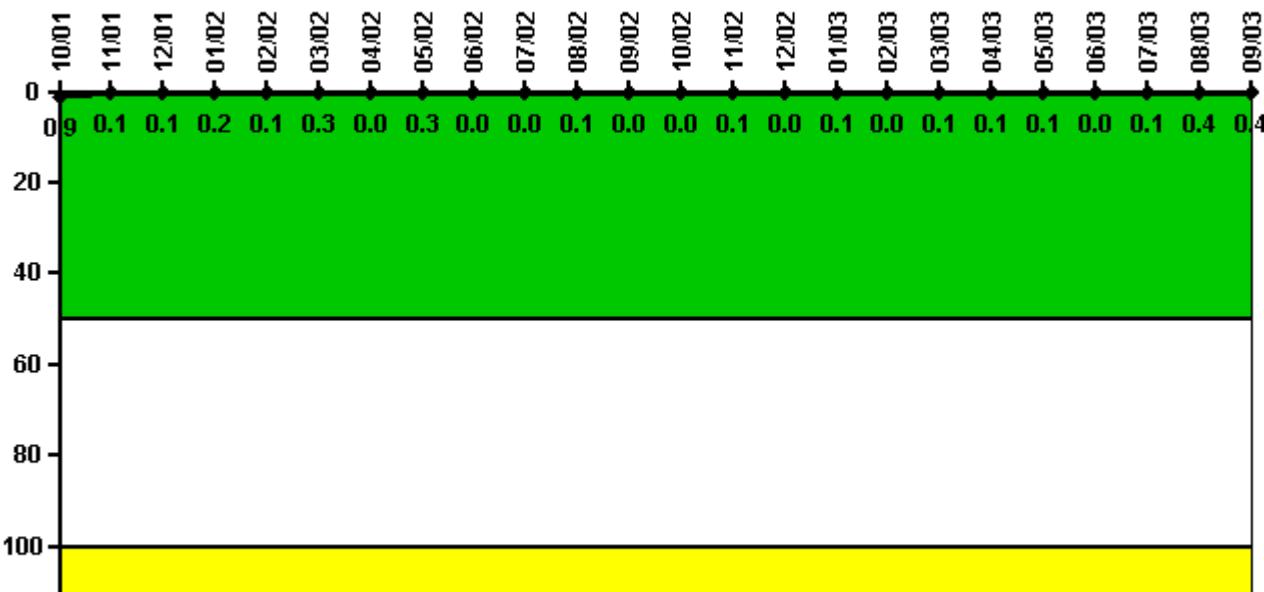
Notes

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	0.001320	0.004170	0.001660	0.001840	0.001870	0.002040	0.002310	0.001540	0.001820	0.001820	0.001940	0.004040
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	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	0.001110	0.001210	0.001110	0.001130	0.001060	0.000976	0.001280	0.000991	0.001050	0.001000	0.001060	0.001090
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
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



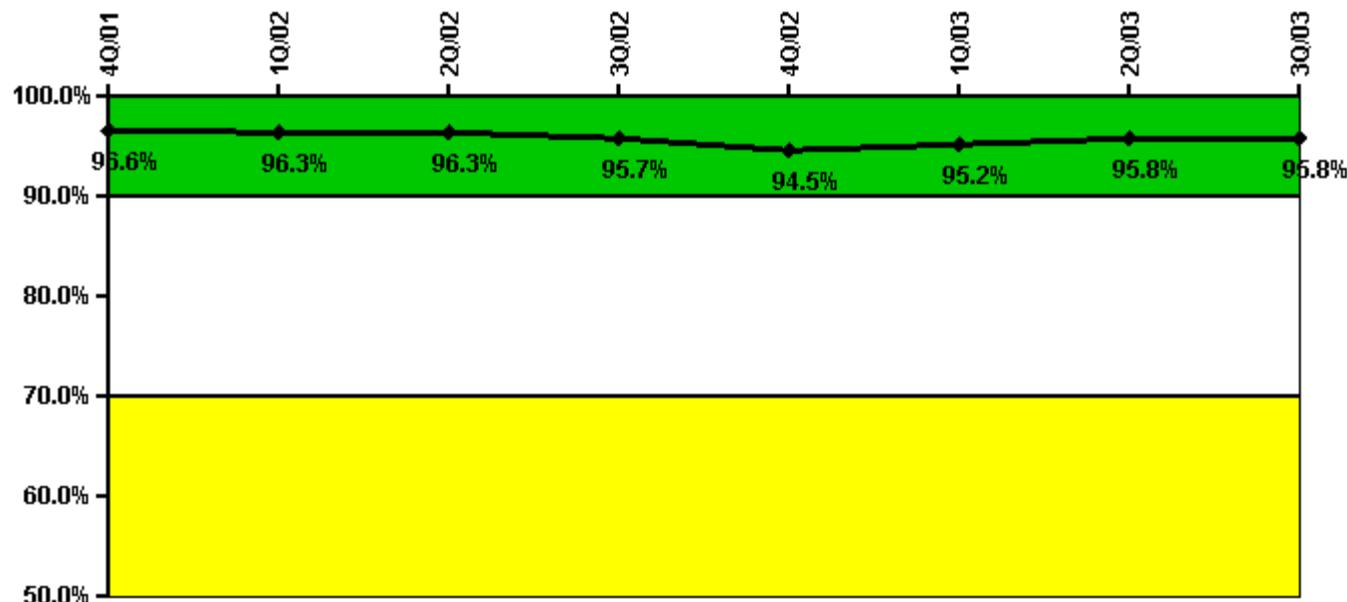
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage		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		0.090	0.010	0.010	0.020	0.010	0.030	0	0.030	0	0.004	0.010	0
Technical specification limit		10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value		0.9	0.1	0.1	0.2	0.1	0.3	0	0.3	0	0	0.1	0

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		0	0.010	0	0.009	0.004	0.011	0.013	0.009	0.004	0.005	0.044	0.036
Technical specification limit		10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value		0	0.1	0	0.1	0	0.1	0.1	0.1	0	0.1	0.4	0.4

Licensee Comments: none

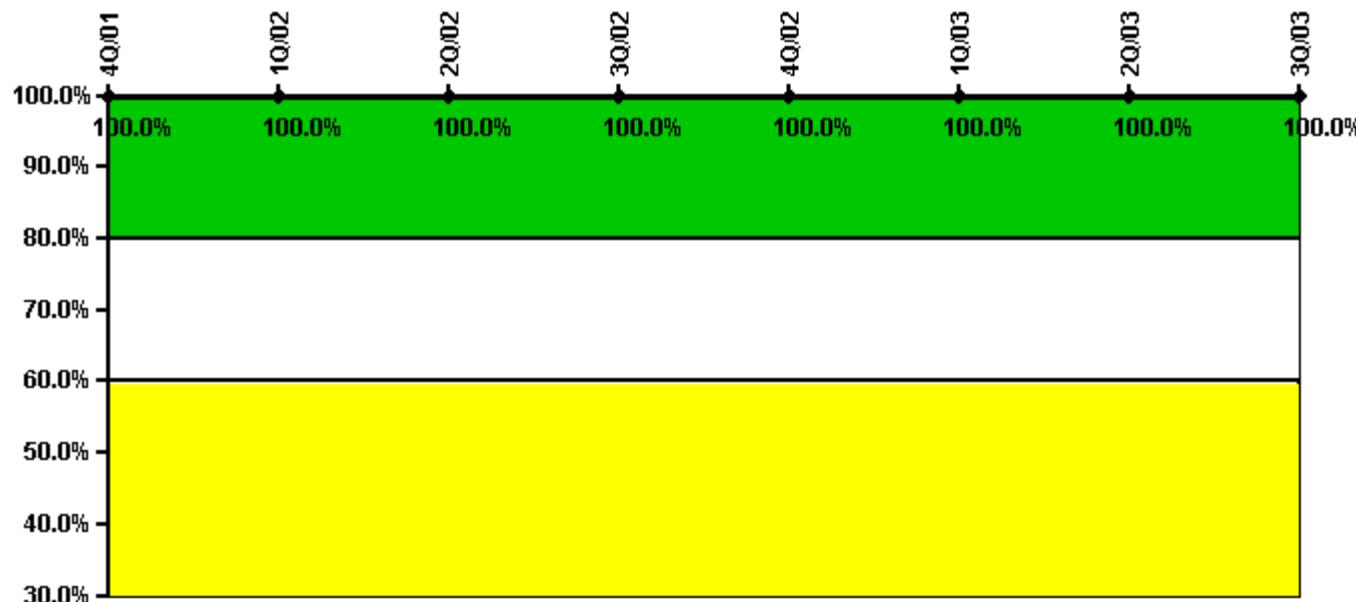
Drill/Exercise Performance

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	12.0	47.0	13.0	70.0	5.0	87.0	48.0	80.0
Total opportunities	13.0	50.0	14.0	73.0	6.0	89.0	50.0	83.0
Indicator value	96.6%	96.3%	96.3%	95.7%	94.5%	95.2%	95.8%	95.8%

Licensee Comments: none

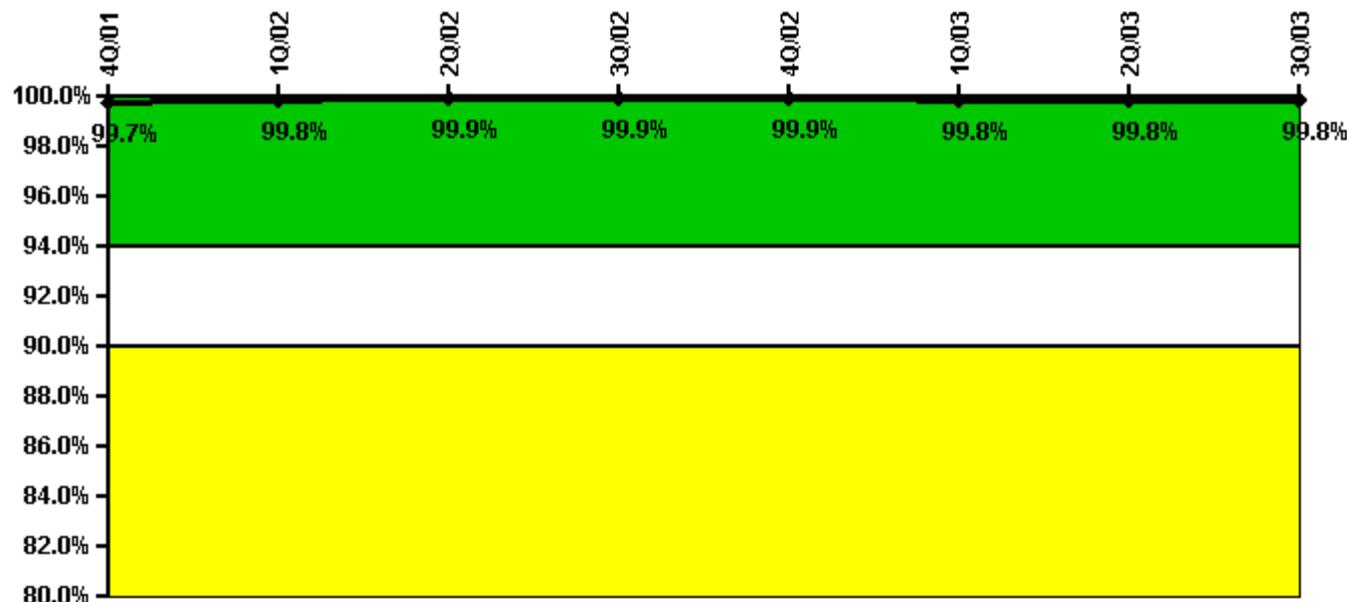
ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Participating Key personnel	72.0	72.0	75.0	79.0	75.0	82.0	84.0	81.0
Total Key personnel	72.0	72.0	75.0	79.0	75.0	82.0	84.0	81.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

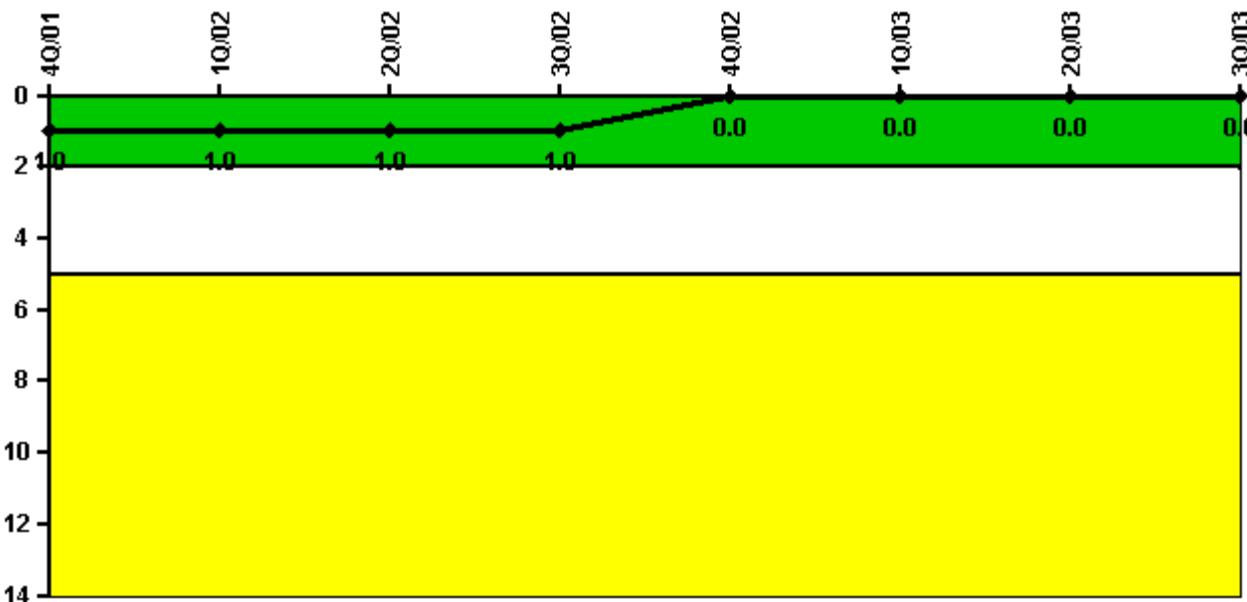
Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Successful siren-tests	527	704	527	704	527	709	533	710
Total sirens-tests	528	704	528	704	528	711	534	712
Indicator value	99.7%	99.8%	99.9%	99.9%	99.9%	99.8%	99.8%	99.8%

Licensee Comments: none

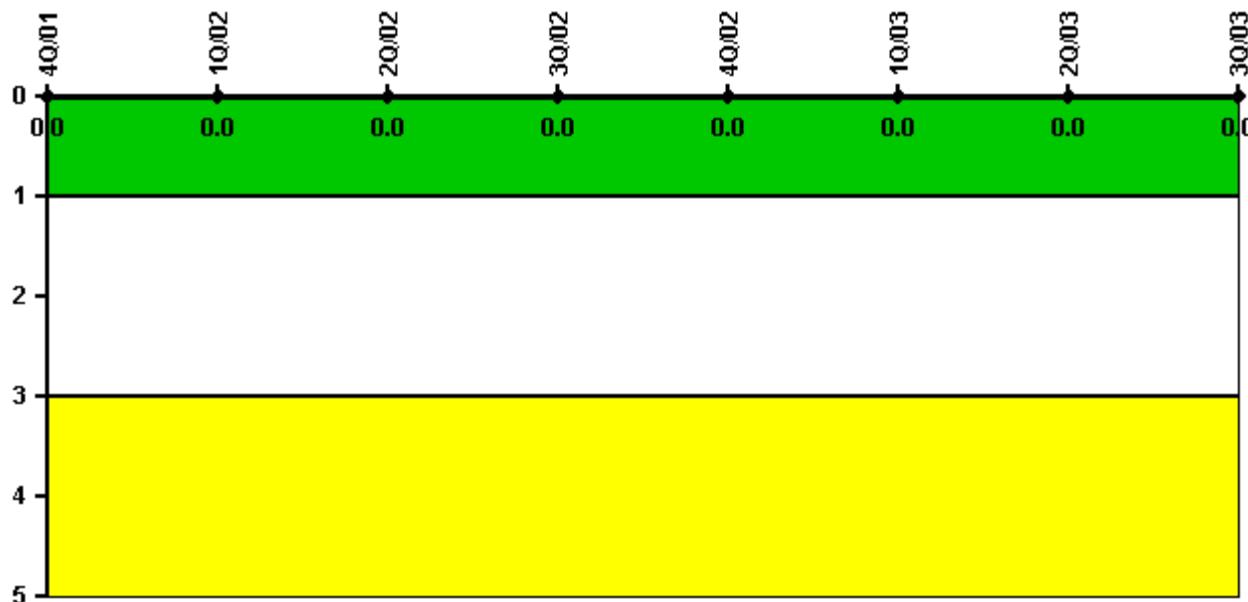
Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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	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	1	1	1	1	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent

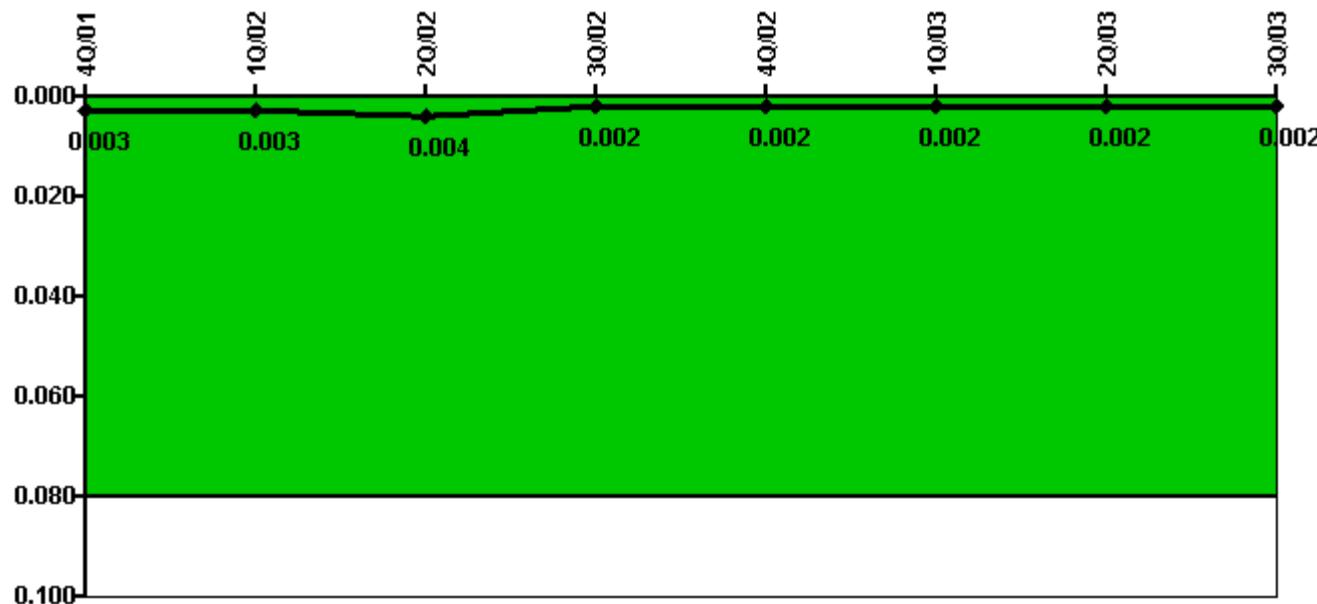
Thresholds: White > 1.0 Yellow > 3.0

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

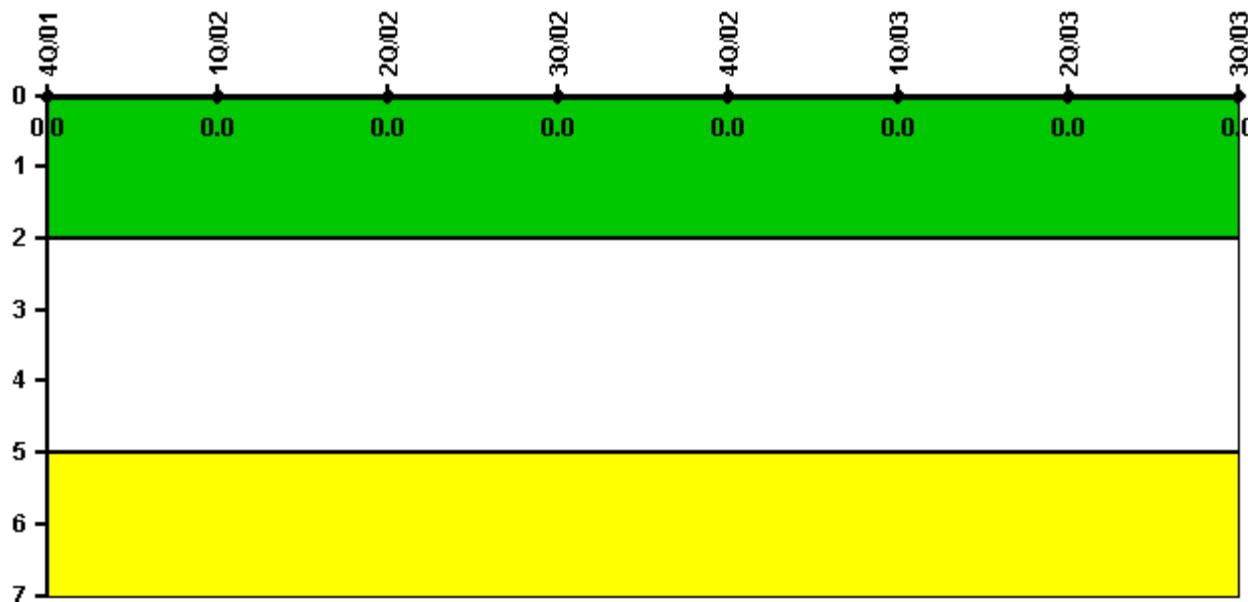


Thresholds: White > 0.080

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	2.70	15.60	39.30	6.80	0	4.40	28.80	10.00
CCTV compensatory hours	0	0	0	0	0	0	9.5	0
IDS normalization factor	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80
CCTV normalization factor	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Index Value	0.003	0.003	0.004	0.002	0.002	0.002	0.002	0.002

Licensee Comments: none

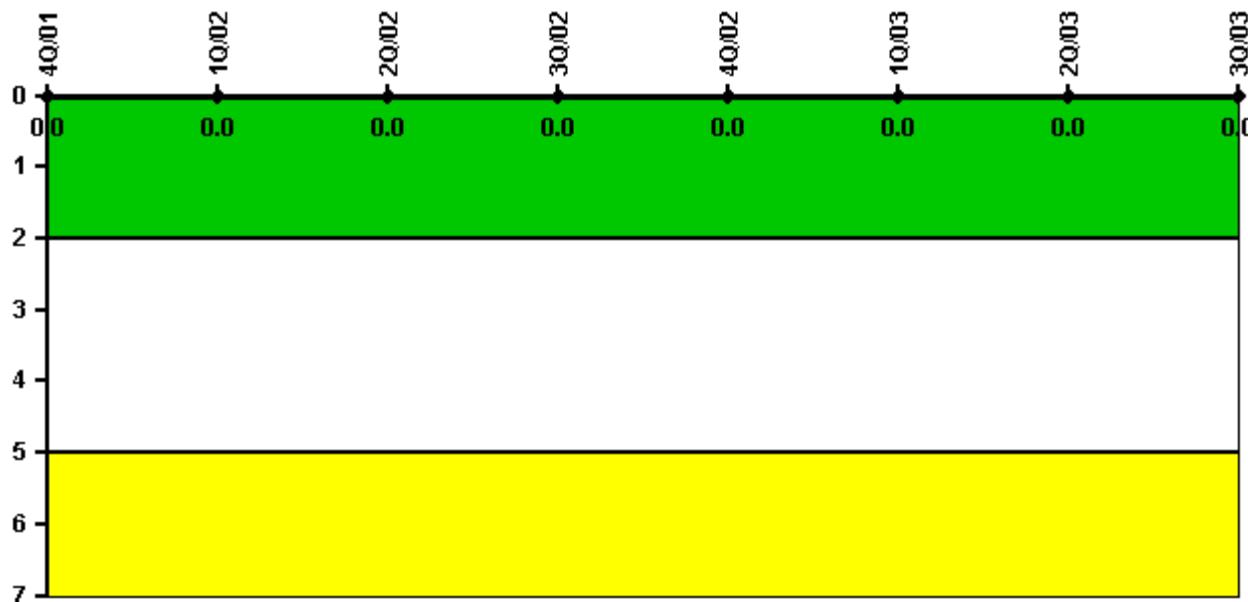
Personnel Screening Program

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](#)

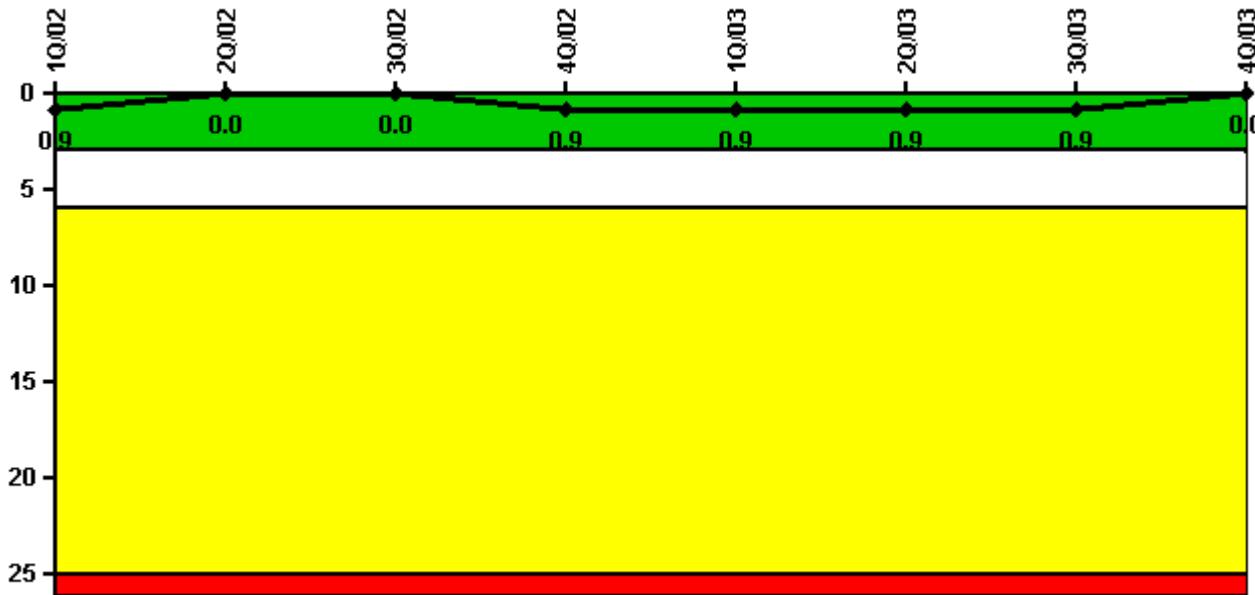
Last Modified: October 28, 2003

Saint Lucie 1

4Q/2003 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs

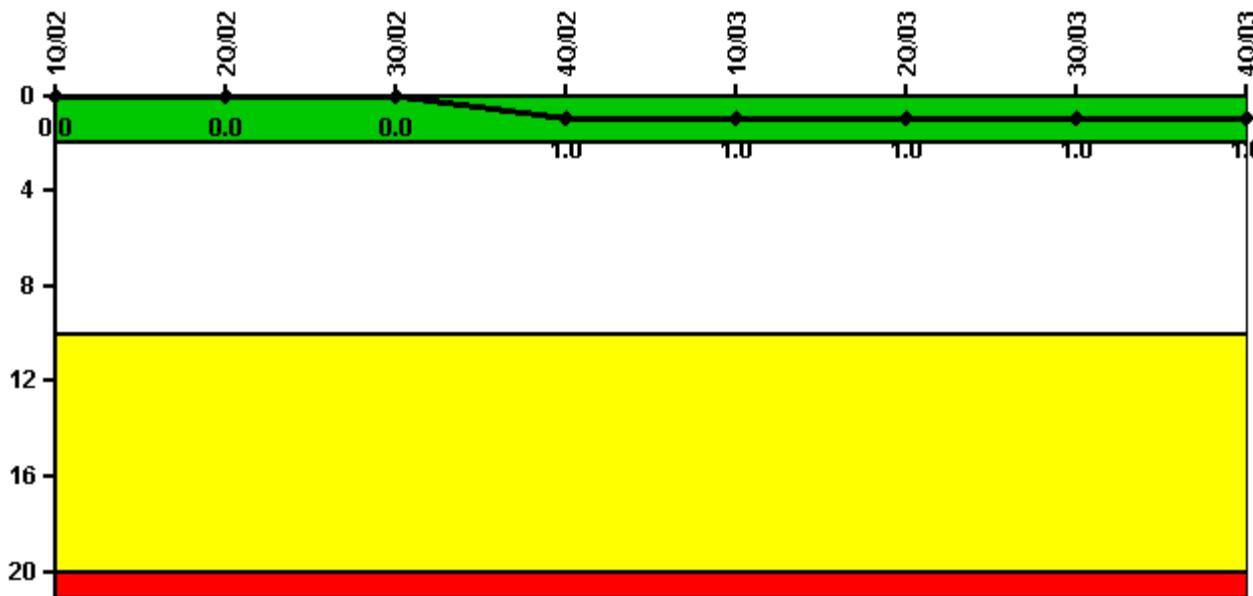


Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0	0
Critical hours	2160.0	2183.0	2184.0	1656.5	2160.0	2183.0	2208.0	2209.0
Indicator value	0.9	0	0	0.9	0.9	0.9	0.9	0

Licensee Comments: none

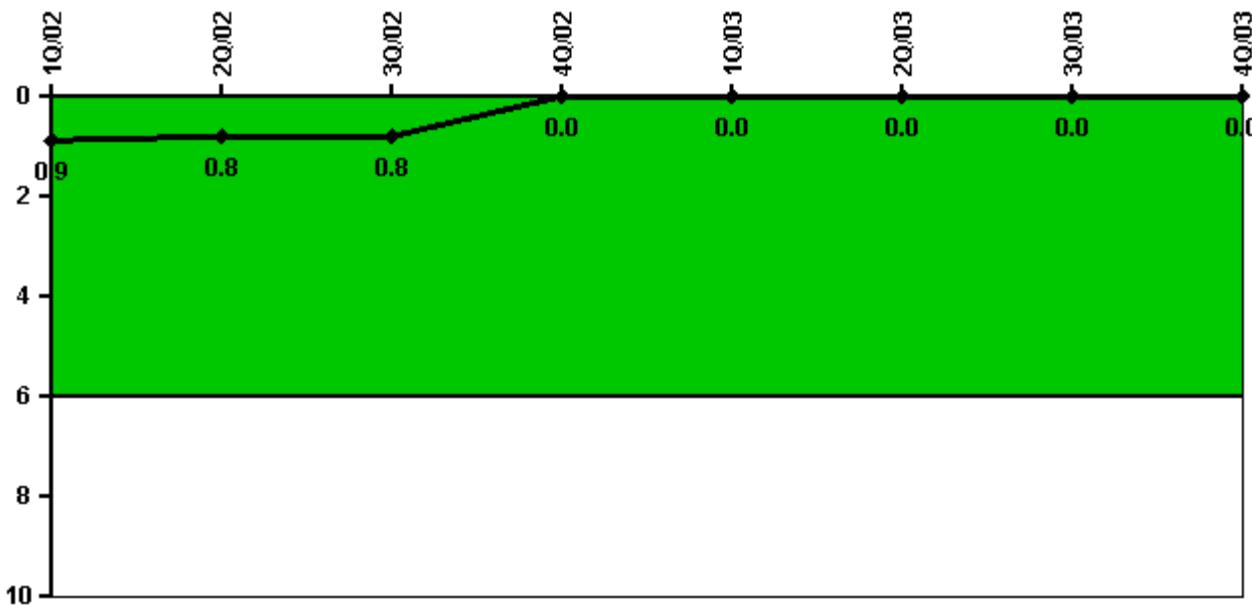
Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
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

Unplanned Power Changes per 7000 Critical Hrs

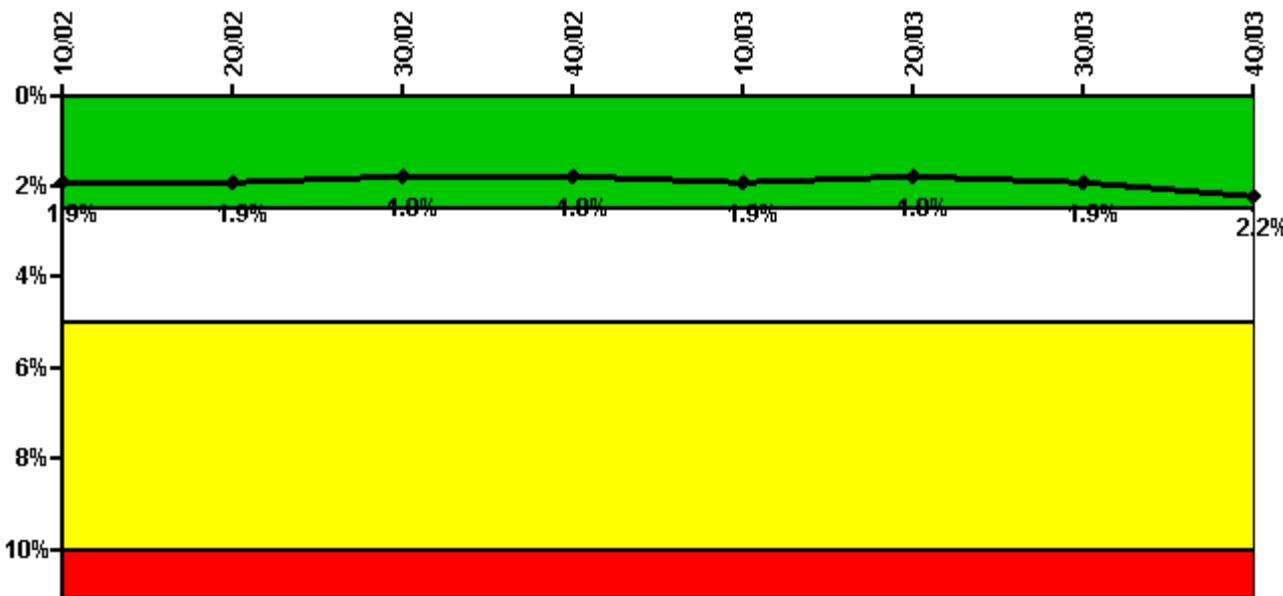
Thresholds: White > 6.0

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	0	0	0	0	0	0
Critical hours	2160.0	2183.0	2184.0	1656.5	2160.0	2183.0	2208.0	2209.0
Indicator value	0.9	0.8	0.8	0	0	0	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



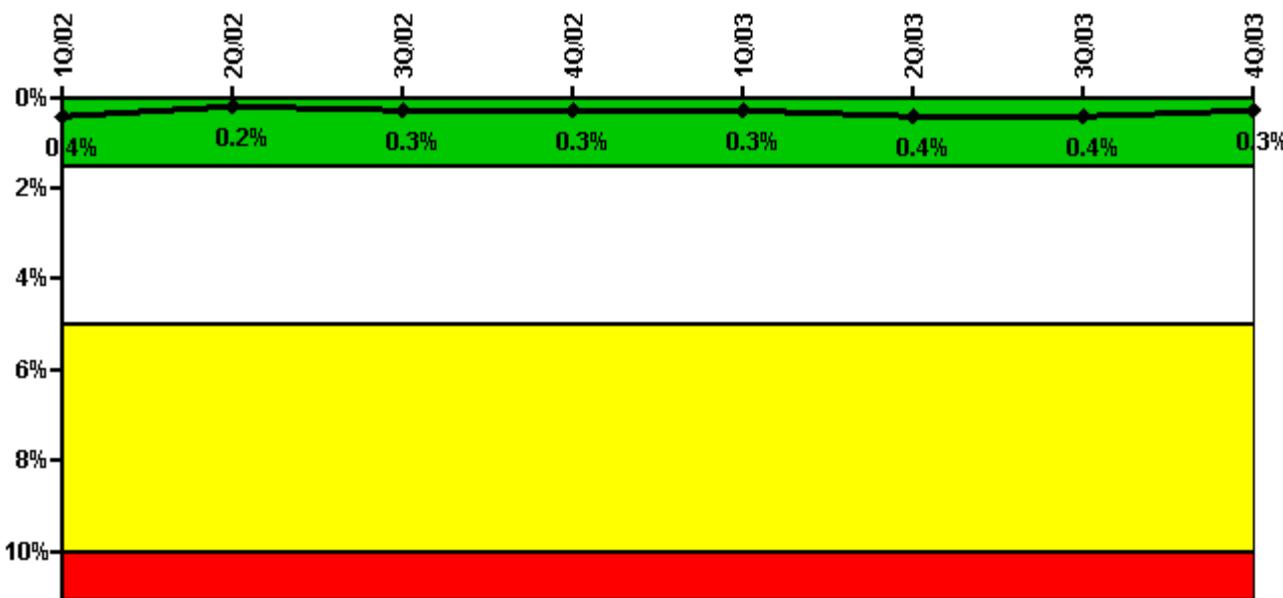
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Train 1								
Planned unavailable hours	5.20	6.20	5.50	7.20	4.90	6.60	10.70	6.51
Unplanned unavailable hours	0	0	0	0	0	0	10.20	123.80
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	1966.50	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	7.00	6.90	6.40	12.50	5.40	5.80	4.20	6.28
Unplanned unavailable hours	0	0	0	0	4.90	0	17.10	14.71
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	1966.50	2160.00	2183.00	2208.00	2209.00
Indicator value	1.9%	1.9%	1.8%	1.8%	1.9%	1.8%	1.9%	2.2%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



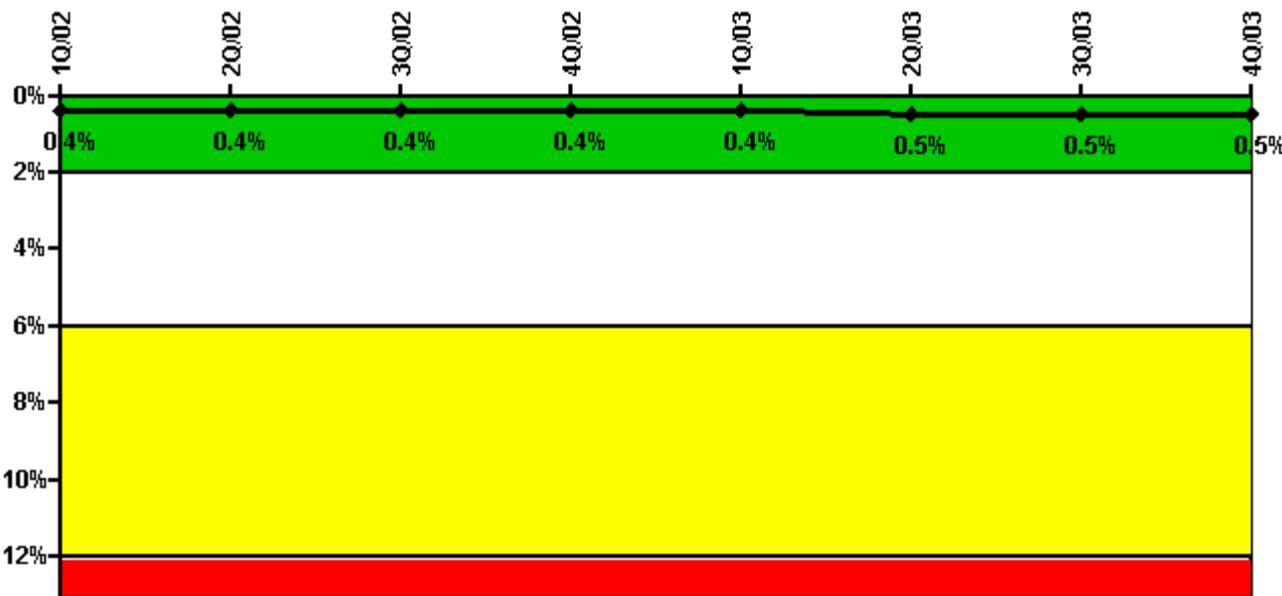
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Train 1								
Planned unavailable hours	1.50	0.60	20.90	0.60	6.10	40.50	0.50	1.60
Unplanned unavailable hours	2.90	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	2189.70	1655.30	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	1.20	3.70	25.50	0.80	0.80	0.90	0.70	0.30
Unplanned unavailable hours	0	10.60	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	2160.00	2183.00	2189.70	1655.30	2160.00	2183.00	2208.00	2209.00
Indicator value	0.4%	0.2%	0.3%	0.3%	0.3%	0.4%	0.4%	0.3%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Train 1								
Planned unavailable hours	4.90	3.30	10.30	0	1.70	2.80	3.60	3.50
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	2160.00	2183.00	2189.70	1705.00	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	1.40	4.20	8.30	0	2.30	3.50	2.20	2.30
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	2160.00	2183.00	2189.70	1705.00	2160.00	2183.00	2208.00	2209.00
Train 3								
Planned unavailable hours	3.10	10.00	25.50	3.50	8.30	5.50	4.90	13.80
Unplanned unavailable hours	0	0	10.40	28.80	47.20	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	2189.70	1705.00	2160.00	2183.00	2208.00	2209.00
Indicator value	0.4%	0.4%	0.4%	0.4%	0.4%	0.5%	0.5%	0.5%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



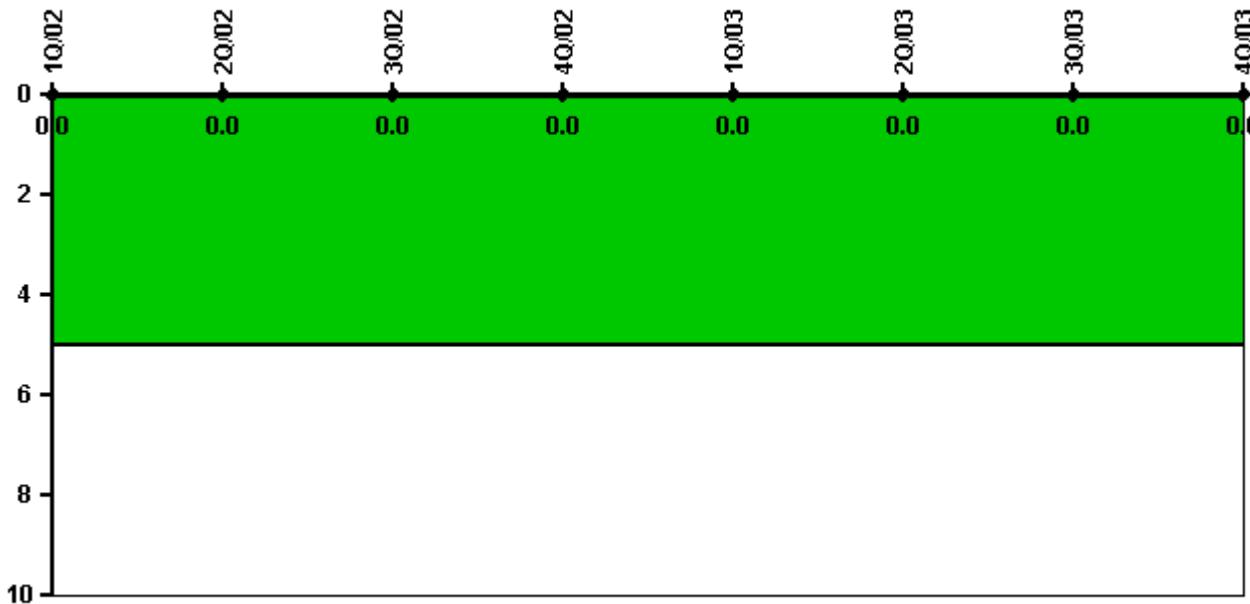
Notes

Safety System Unavailability, Residual Heat Removal System		1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Train 1									
Planned unavailable hours		49.50	13.50	20.40	3.20	4.60	2.60	66.30	3.40
Unplanned unavailable hours		0	0	0	0	0	0	65.50	6.70
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	2189.70	1698.70	2160.00	2183.00	2208.00	2209.00
Train 2									
Planned unavailable hours		49.20	2.60	40.40	31.70	2.60	2.40	54.00	2.40
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	2189.70	1698.70	2160.00	2183.00	2208.00	2209.00
Train 3									
Planned unavailable hours		0	0	0	0	0	0	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		0	0	18.30	503.90	0	0	0	0
Train 4									
Planned unavailable hours		0	0	0	0	0	0	0	0

Unplanned unavailable hours	0	0	0	1.40	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	0	0	18.30	503.90	0	0	0	0
Indicator value	0.9%	0.6%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%

Licensee Comments: none

Safety System Functional Failures (PWR)



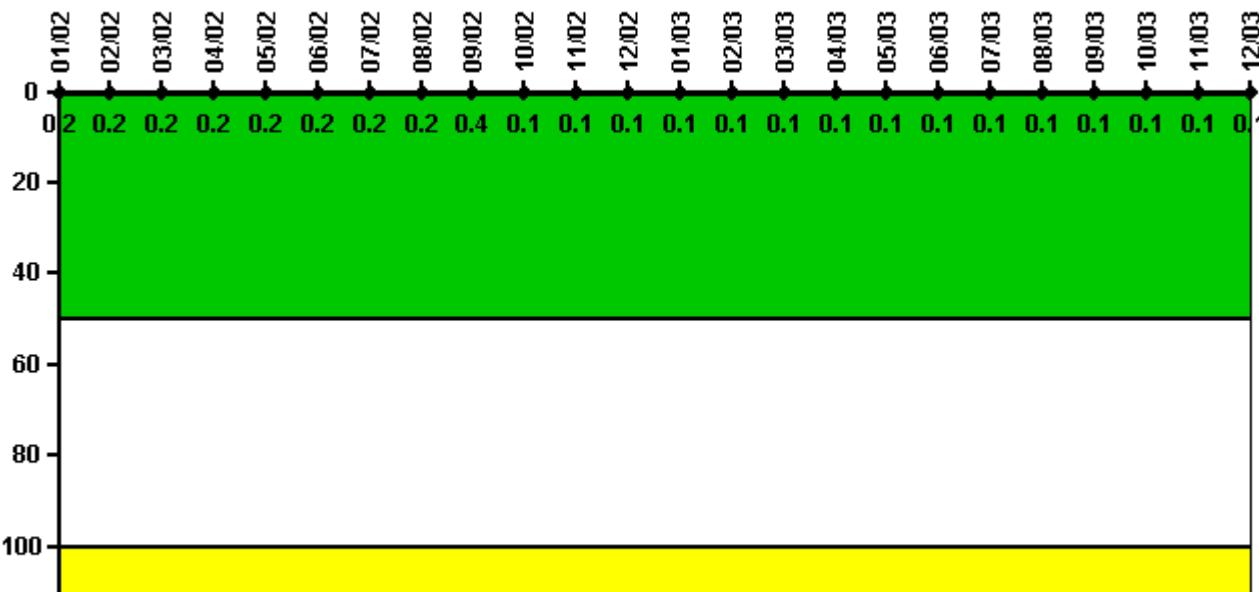
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	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	0	0	0
Indicator value	0							

Licensee Comments: none

Reactor Coolant System Activity



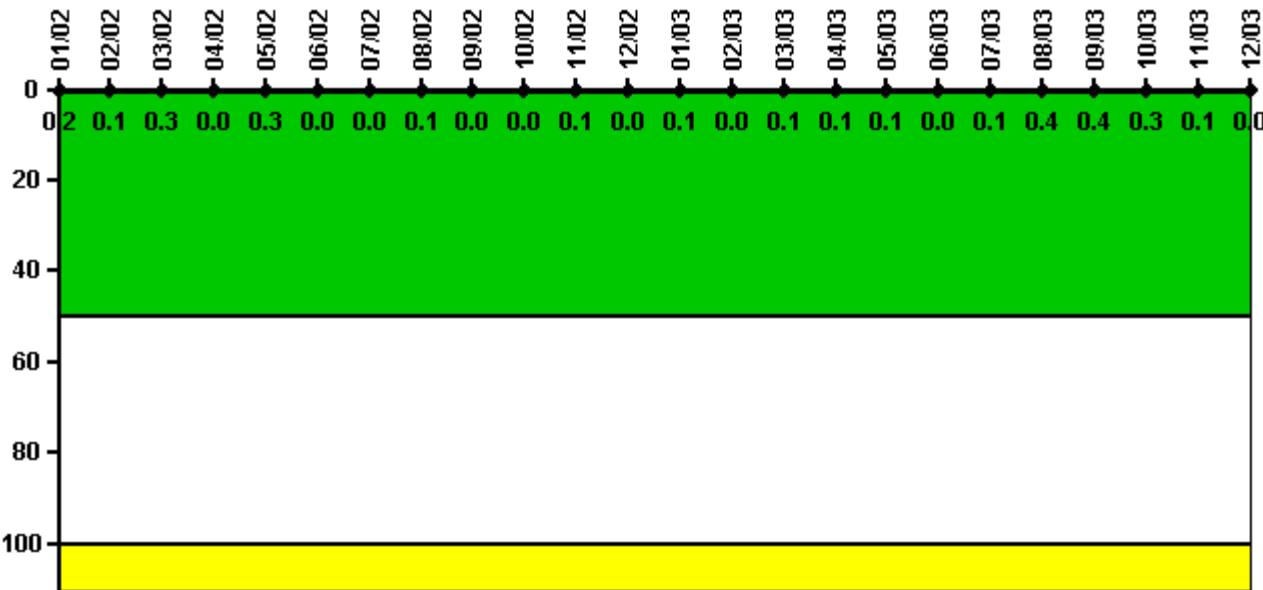
Thresholds: White > 50.0 Yellow > 100.0

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	0.001840	0.001870	0.002040	0.002310	0.001540	0.001820	0.001820	0.001940	0.004040	0.001110	0.001210	0.001110
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.2	0.4	0.1	0.1	0.1							
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	0.001130	0.001060	0.000976	0.001280	0.000991	0.001050	0.001000	0.001060	0.001090	0.001170	0.001050	0.001200
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1											

Licensee Comments: none

Reactor Coolant System Leakage

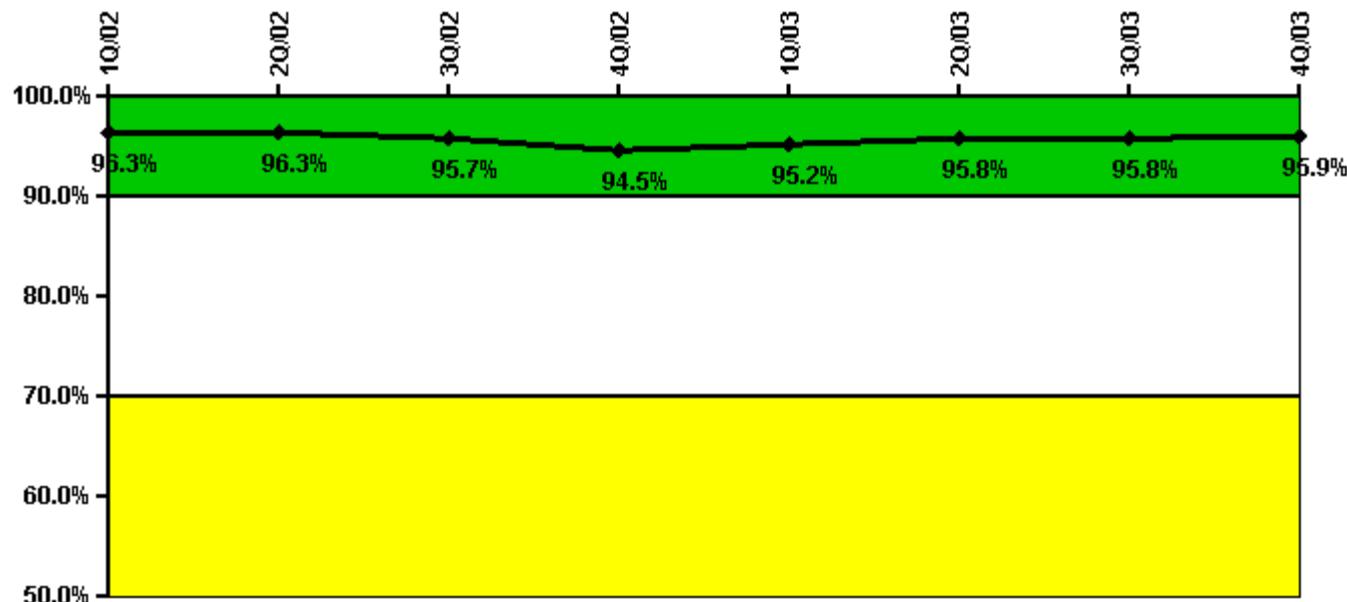


Thresholds: White > 50.0 Yellow > 100.0

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	0.020	0.010	0.030	0	0.030	0	0.004	0.010	0	0	0.010	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.1	0.3	0	0.3	0	0	0.1	0	0	0.1	0
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	0.009	0.004	0.011	0.013	0.009	0.004	0.005	0.044	0.036	0.027	0.013	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0	0.1	0.1	0.1	0	0.1	0.4	0.4	0.3	0.1	0

Licensee Comments: none

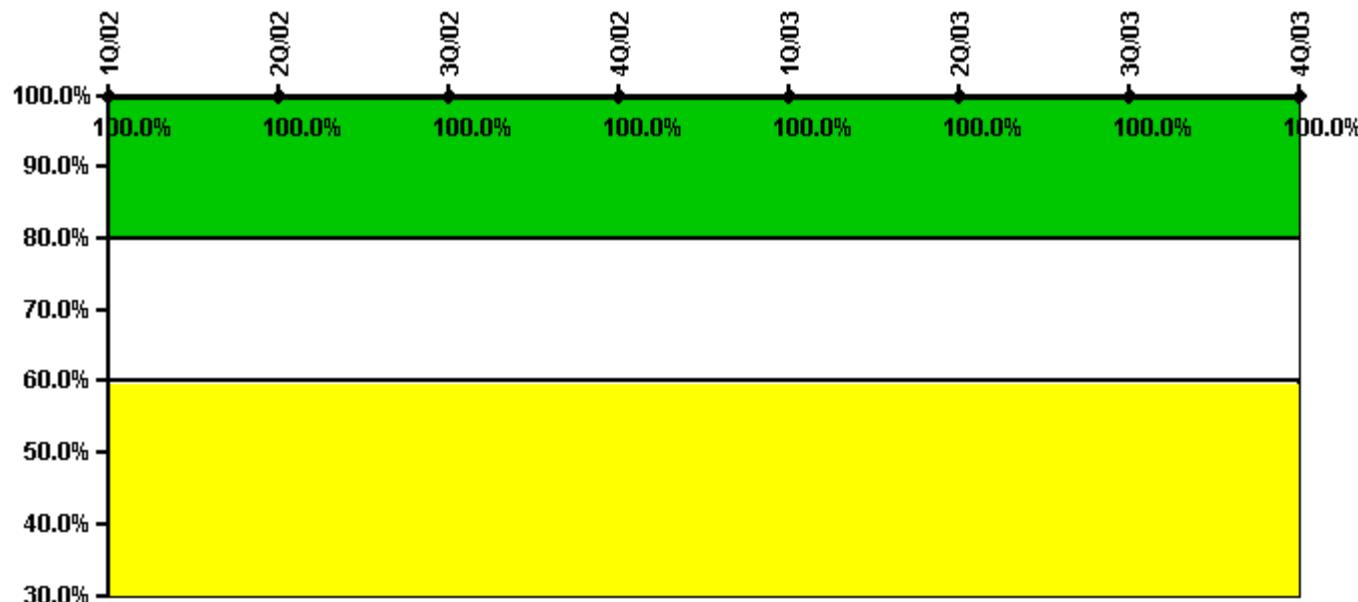
Drill/Exercise Performance

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	47.0	13.0	70.0	5.0	87.0	48.0	80.0	67.0
Total opportunities	50.0	14.0	73.0	6.0	89.0	50.0	83.0	70.0
Indicator value	96.3%	96.3%	95.7%	94.5%	95.2%	95.8%	95.8%	95.9%

Licensee Comments: none

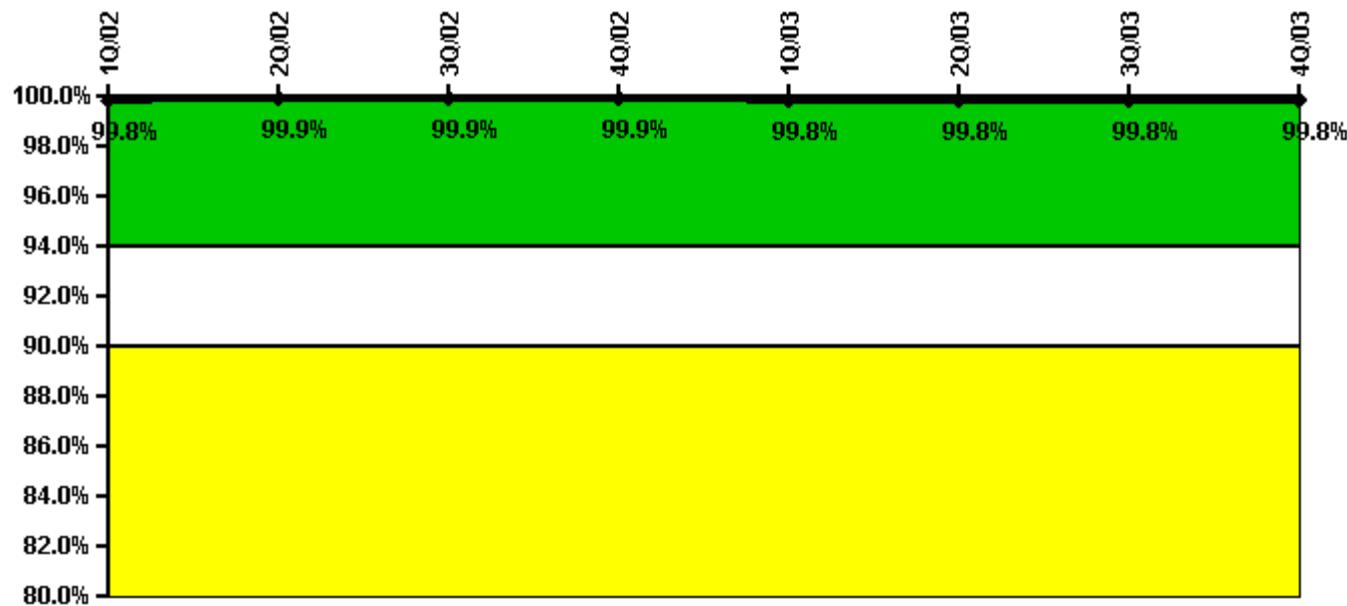
ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Participating Key personnel	72.0	75.0	79.0	75.0	82.0	84.0	81.0	74.0
Total Key personnel	72.0	75.0	79.0	75.0	82.0	84.0	81.0	74.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

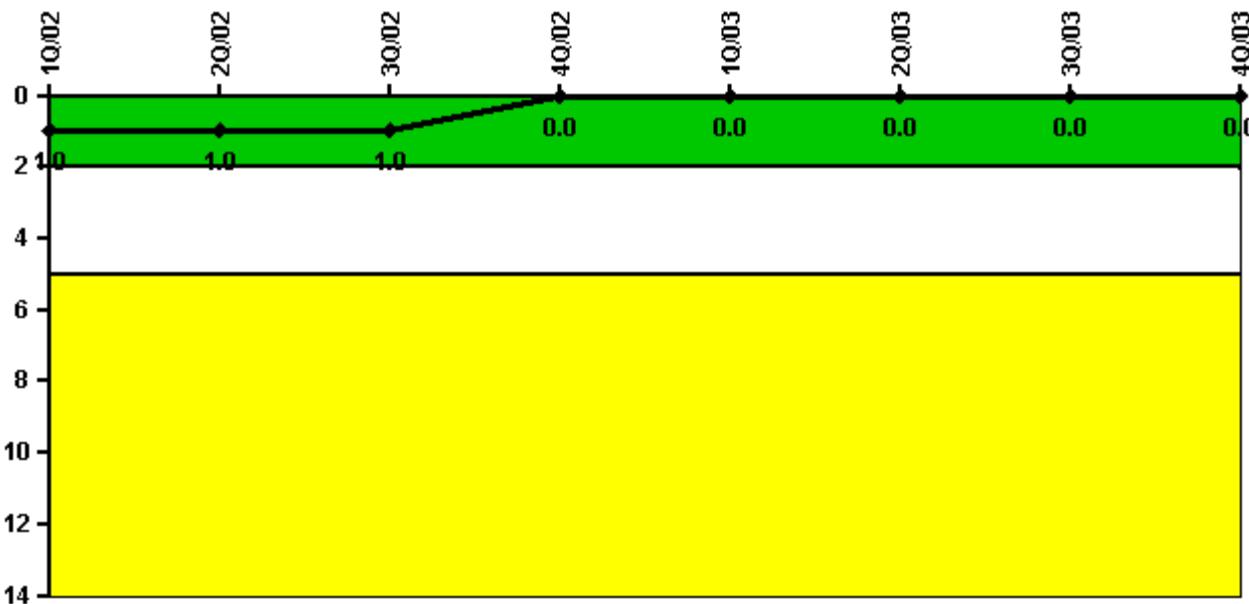
Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Successful siren-tests	704	527	704	527	709	533	710	533
Total sirens-tests	704	528	704	528	711	534	712	534
Indicator value	99.8%	99.9%	99.9%	99.9%	99.8%	99.8%	99.8%	99.8%

Licensee Comments: none

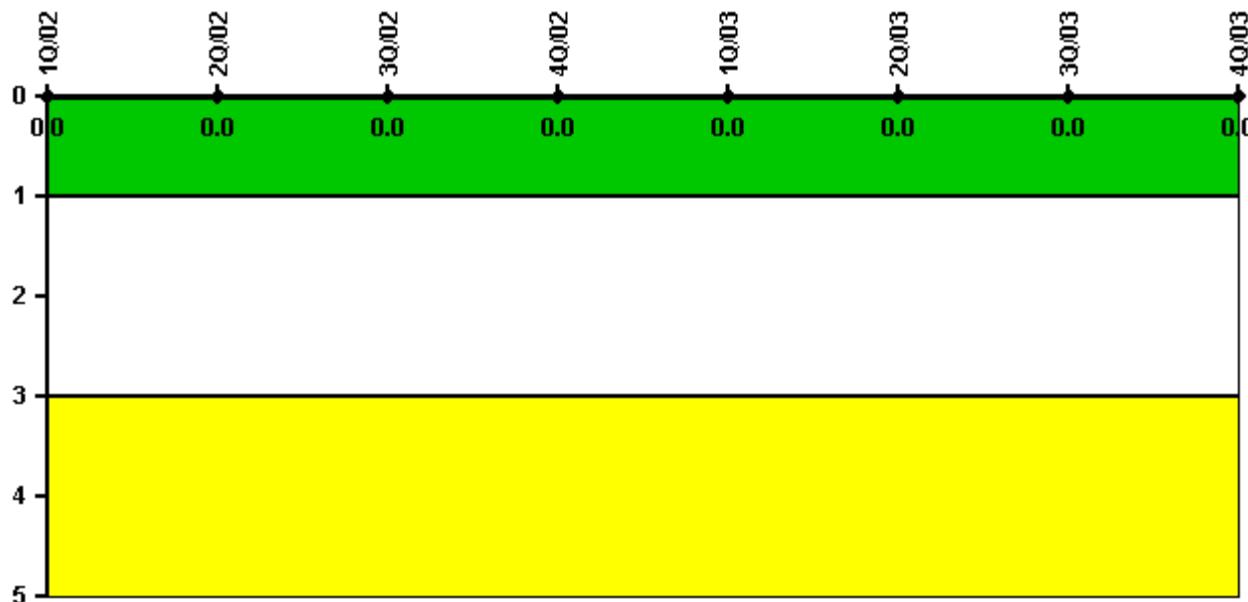
Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
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	1	1	1	0	0	0	0	0

Licensee Comments: none

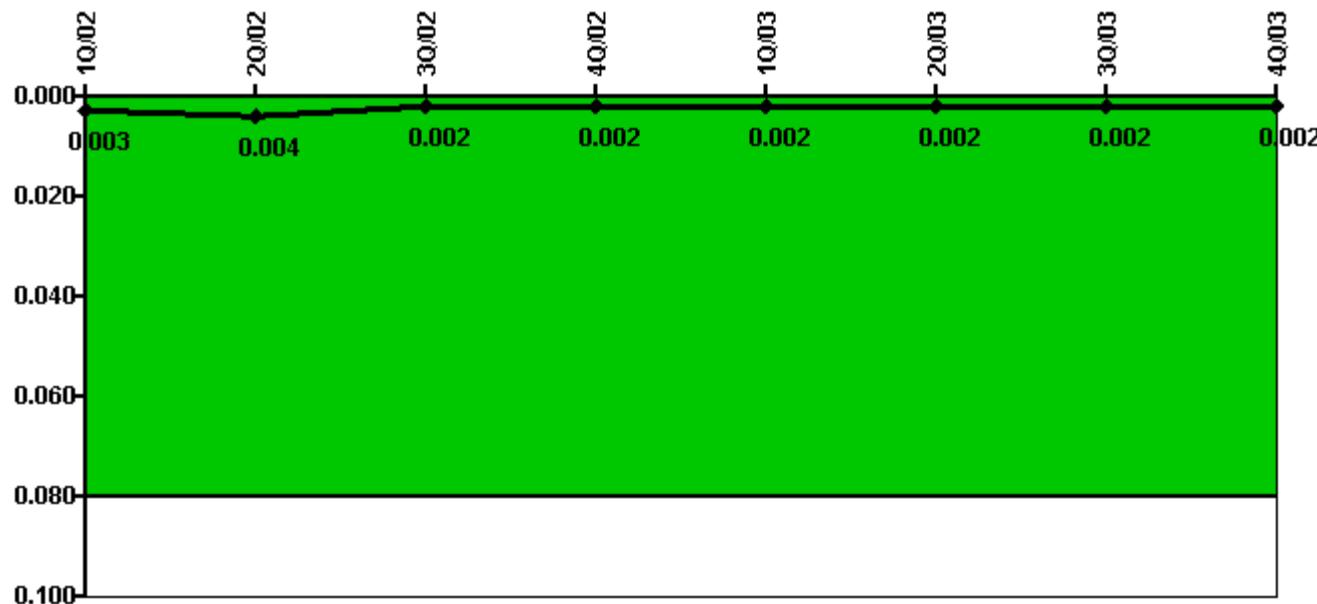
RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/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

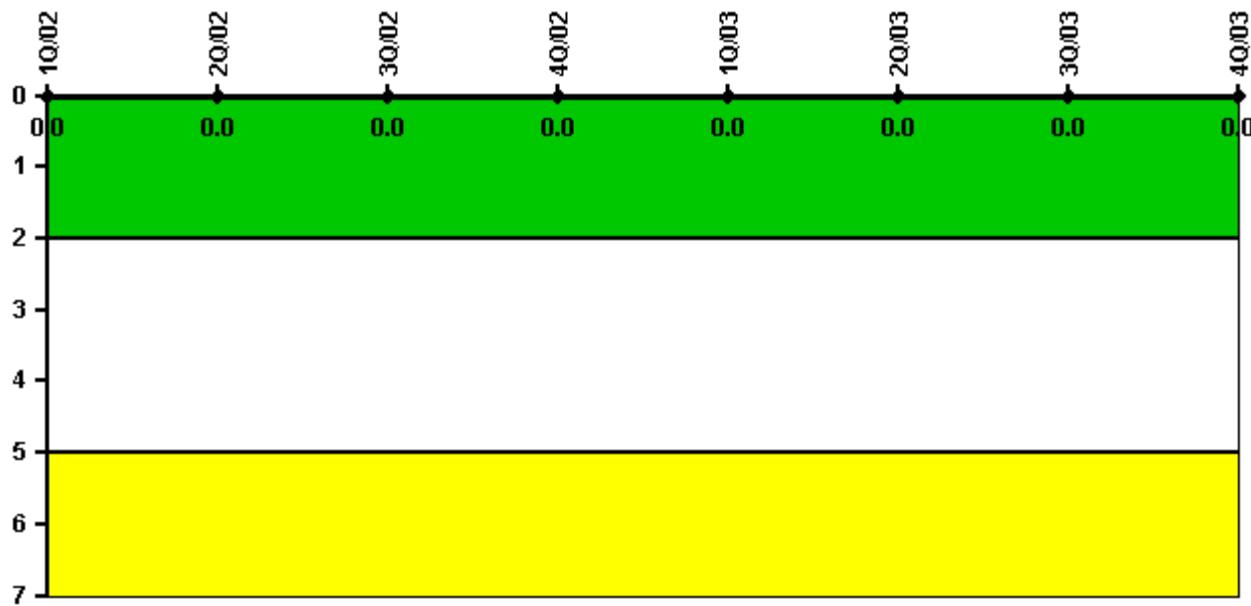
Protected Area Security Performance Index

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	15.60	39.30	6.80	0	4.40	28.80	10.00	0
CCTV compensatory hours	0	0	0	0	0	9.5	0	0
IDS normalization factor	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80
CCTV normalization factor	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Index Value	0.003	0.004	0.002	0.002	0.002	0.002	0.002	0.002

Licensee Comments: none

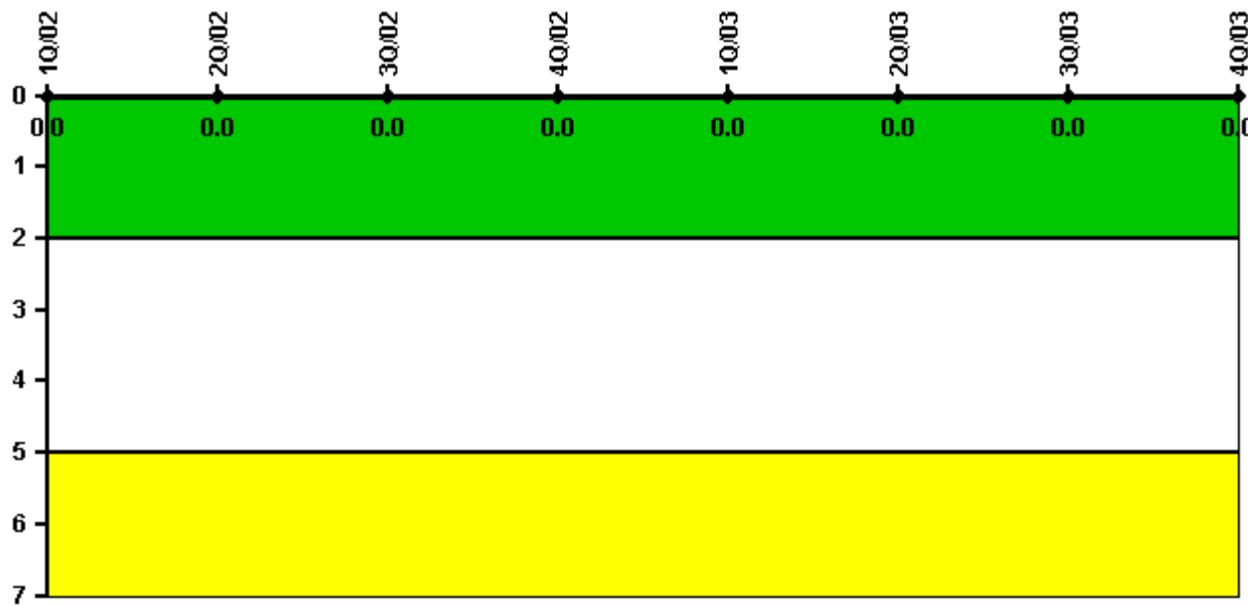
Personnel Screening Program

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

Saint Lucie 1**1Q/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	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Unplanned scrams	0	0	1.0	0	0	0	0	0
Critical hours	2183.0	2184.0	1656.5	2160.0	2183.0	2208.0	2209.0	1937.1
Indicator value	0	0	0.9	0.9	0.9	0.9	0	0

Licensee Comments: none

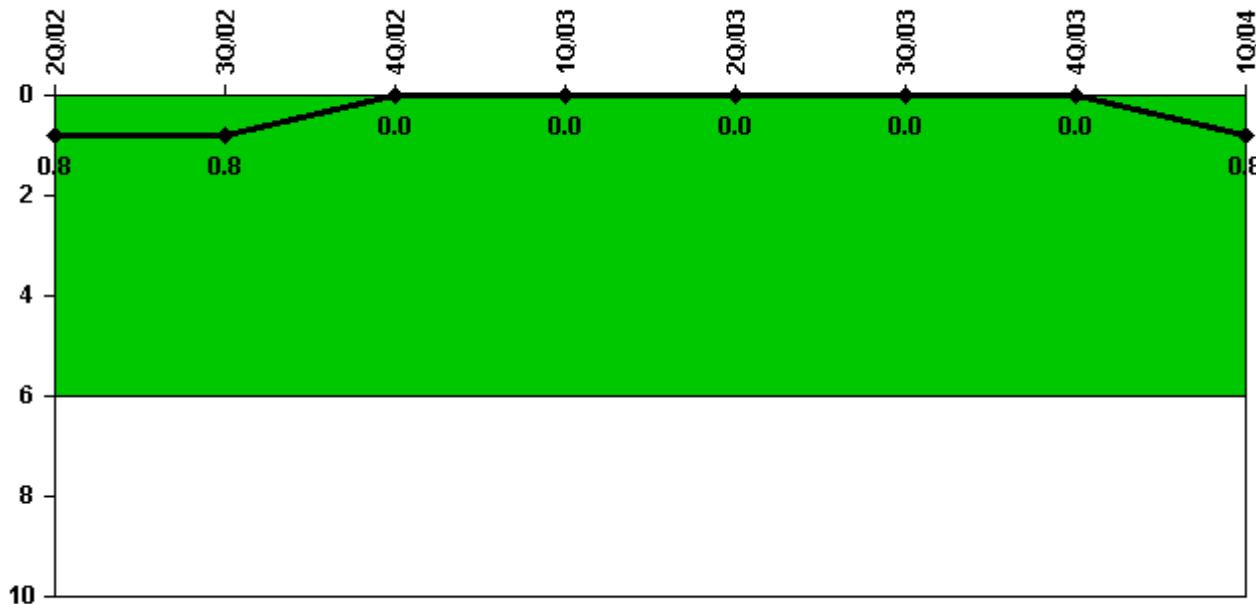
Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
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

Unplanned Power Changes per 7000 Critical Hrs

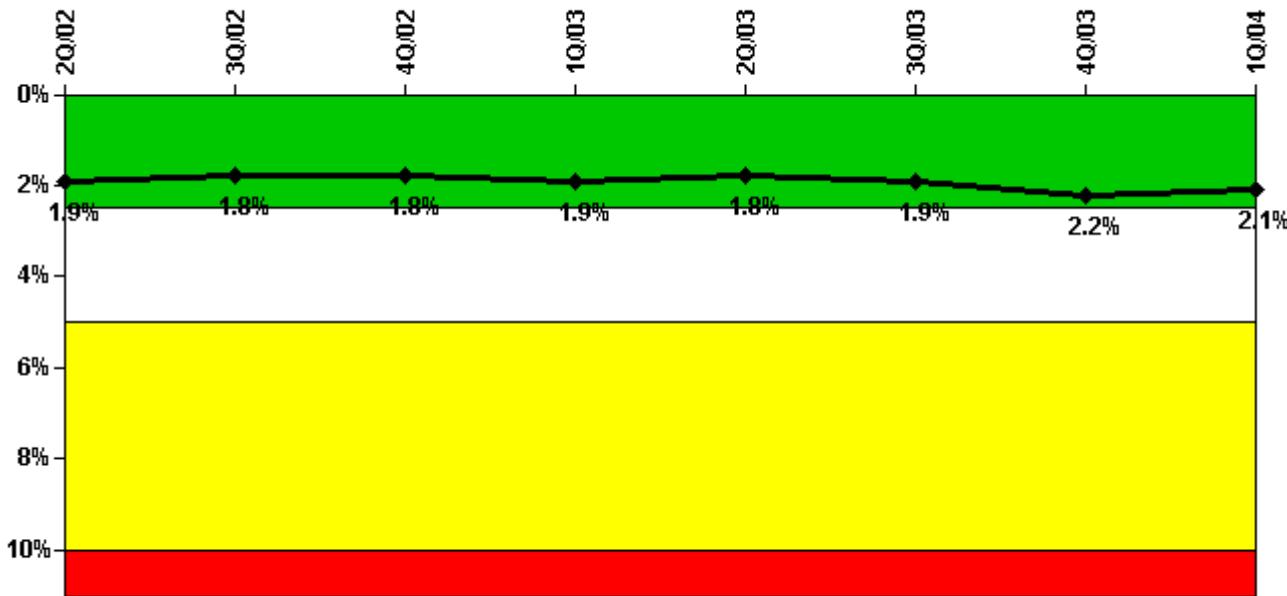
Thresholds: White > 6.0

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	0	0	0	0	0	0	1.0
Critical hours	2183.0	2184.0	1656.5	2160.0	2183.0	2208.0	2209.0	1937.1
Indicator value	0.8	0.8	0	0	0	0	0	0.8

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



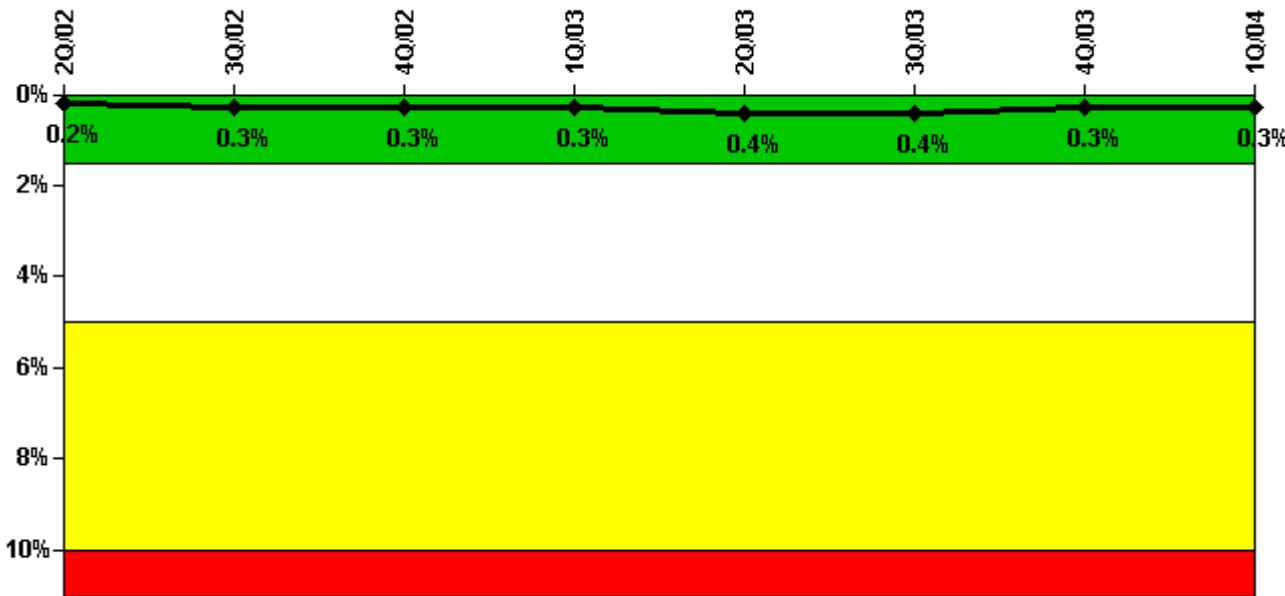
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	6.20	5.50	7.20	4.90	6.60	10.70	6.51	6.70
Unplanned unavailable hours	0	0	0	0	0	10.20	123.80	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	1966.50	2160.00	2183.00	2208.00	2209.00	2068.60
Train 2								
Planned unavailable hours	6.90	6.40	12.50	5.40	5.80	4.20	6.28	6.30
Unplanned unavailable hours	0	0	0	4.90	0	17.10	14.71	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	1966.50	2160.00	2183.00	2208.00	2209.00	2068.60
Indicator value	1.9%	1.8%	1.8%	1.9%	1.8%	1.9%	2.2%	2.1%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



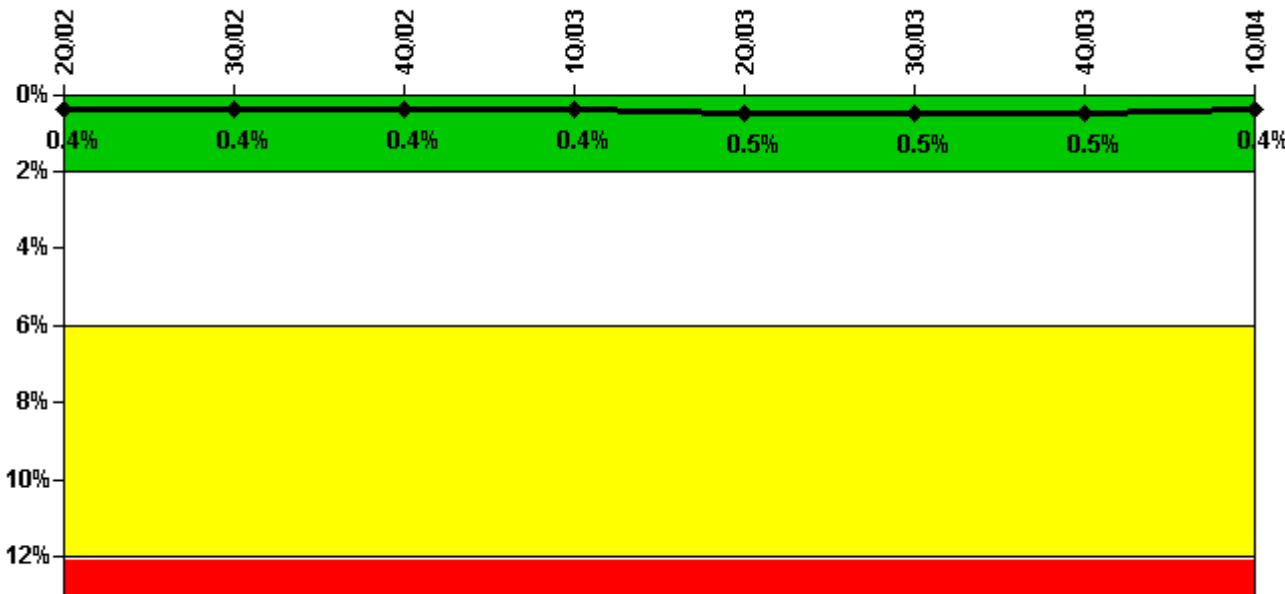
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	0.60	20.90	0.60	6.10	40.50	0.50	1.60	1.30
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	2183.00	2189.70	1655.30	2160.00	2183.00	2208.00	2209.00	1951.80
Train 2								
Planned unavailable hours	3.70	25.50	0.80	0.80	0.90	0.70	0.30	0
Unplanned unavailable hours	10.60	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	2183.00	2189.70	1655.30	2160.00	2183.00	2208.00	2209.00	1951.80
Indicator value	0.2%	0.3%	0.3%	0.3%	0.4%	0.4%	0.3%	0.3%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	3.30	10.30	0	1.70	2.80	3.60	3.50	1.20
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	2189.70	1705.00	2160.00	2183.00	2208.00	2209.00	1937.00
Train 2								
Planned unavailable hours	4.20	8.30	0	2.30	3.50	2.20	2.30	1.60
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	2189.70	1705.00	2160.00	2183.00	2208.00	2209.00	1937.00
Train 3								
Planned unavailable hours	10.00	25.50	3.50	8.30	5.50	4.90	13.80	8.10
Unplanned unavailable hours	0	10.40	28.80	47.20	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	2189.70	1705.00	2160.00	2183.00	2208.00	2209.00	1937.00
Indicator value	0.4%	0.4%	0.4%	0.4%	0.5%	0.5%	0.5%	0.4%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

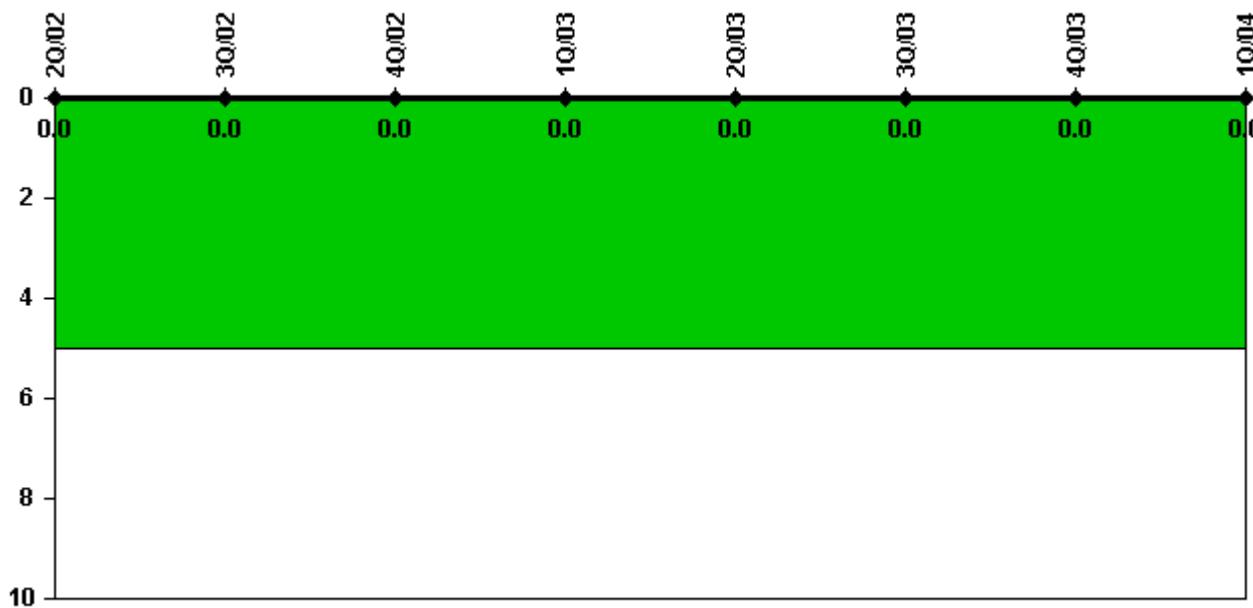


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	13.50	20.40	3.20	4.60	2.60	66.30	3.40	44.30
Unplanned unavailable hours	0	0	0	0	0	65.50	6.70	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	2189.70	1698.70	2160.00	2183.00	2208.00	2209.00	1941.80
Train 2								
Planned unavailable hours	2.60	40.40	31.70	2.60	2.40	54.00	2.40	10.40
Unplanned unavailable hours	0	0	0	0	0	0	0	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	2183.00	2189.70	1698.70	2160.00	2183.00	2208.00	2209.00	1941.80
Train 3								
Planned unavailable hours	0	0	0	0	0	0	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	0	18.30	503.90	0	0	0	0	236.30
Train 4								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	1.40	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	0	18.30	503.90	0	0	0	0	236.30
Indicator value	0.6%	0.7%						

Licensee Comments: none

Safety System Functional Failures (PWR)

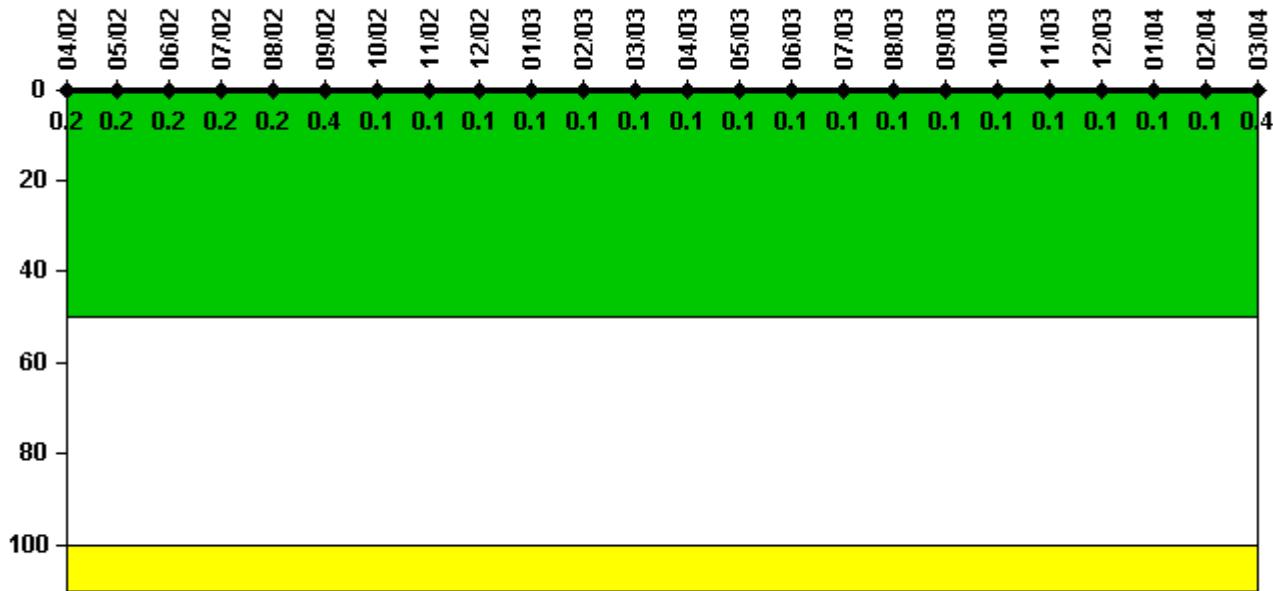
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

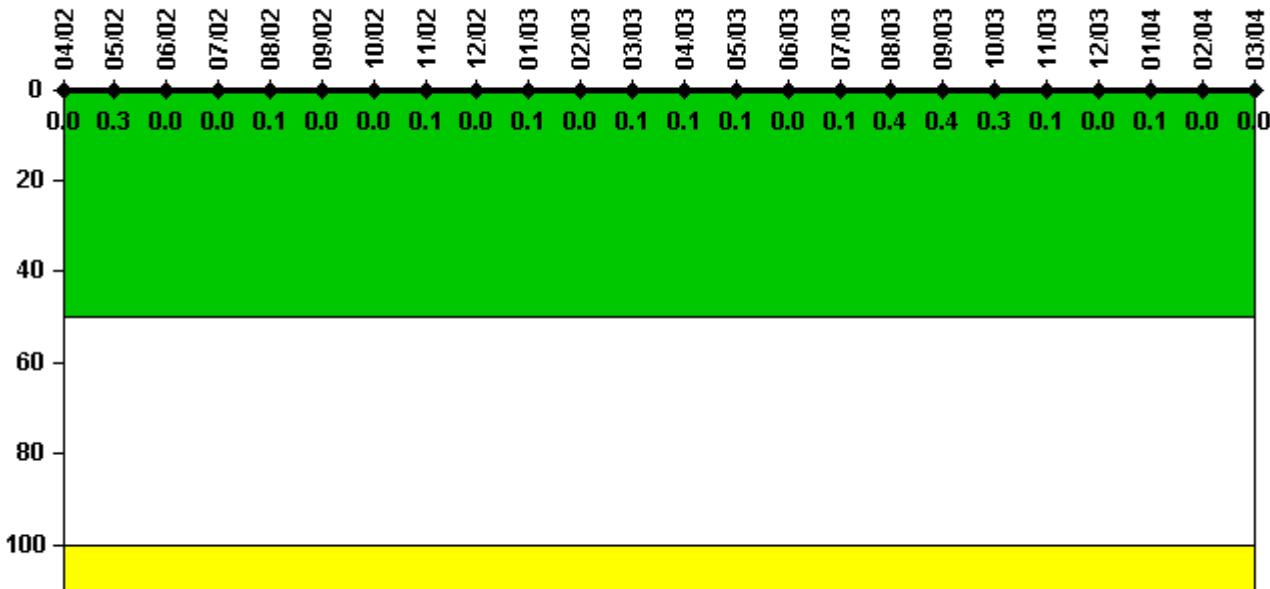
Notes

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	0.002310	0.001540	0.001820	0.001820	0.001940	0.004040	0.001110	0.001210	0.001110	0.001130	0.001060	0.000976
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.2	0.2	0.2	0.2	0.2	0.4	0.1	0.1	0.1	0.1	0.1	0.1

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	0.001280	0.000991	0.001050	0.001000	0.001060	0.001090	0.001170	0.001050	0.001200	0.001260	0.001390	0.004400
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.4										

Licensee Comments: none

Reactor Coolant System Leakage



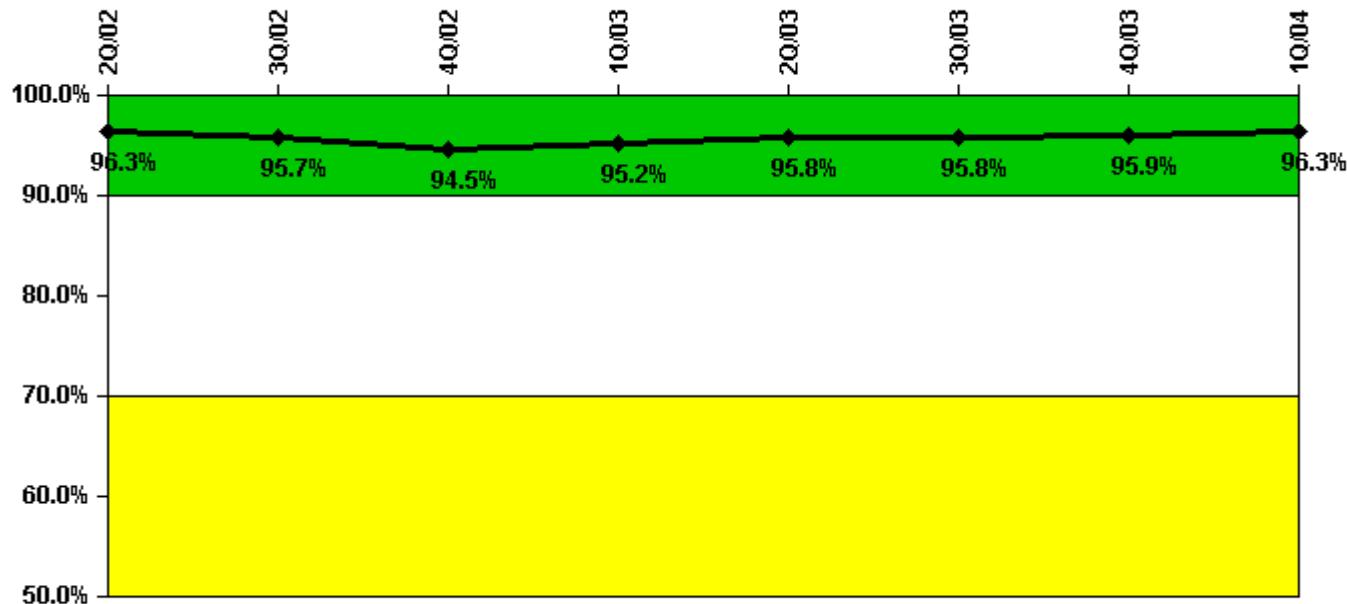
Thresholds: White > 50.0 Yellow > 100.0

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	0	0.030	0	0.004	0.010	0	0	0.010	0	0.009	0.004	0.011
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0.3	0	0	0.1	0	0	0.1	0	0.1	0	0.1

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	0.013	0.009	0.004	0.005	0.044	0.036	0.027	0.013	0	0.010	0	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.1	0	0.1	0.4	0.4	0.3	0.1	0	0.1	0	0

Licensee Comments: none

Drill/Exercise Performance

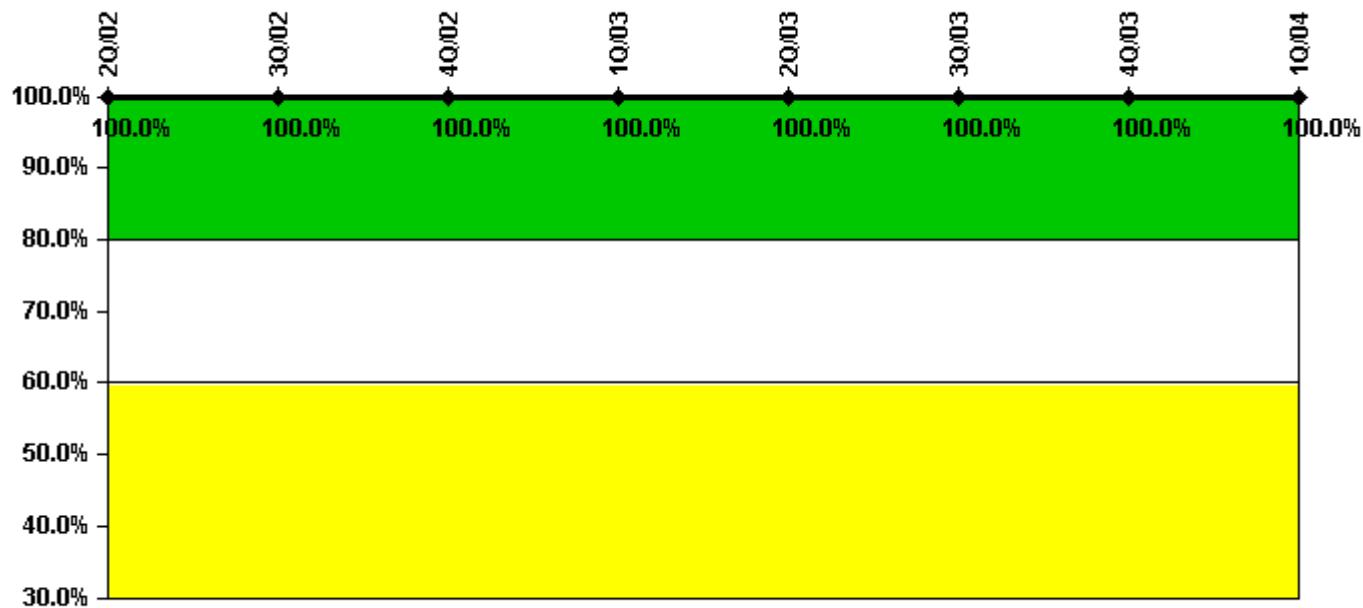
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Successful opportunities	13.0	70.0	5.0	87.0	48.0	80.0	67.0	50.0
Total opportunities	14.0	73.0	6.0	89.0	50.0	83.0	70.0	51.0
Indicator value	96.3%	95.7%	94.5%	95.2%	95.8%	95.8%	95.9%	96.3%

Licensee Comments: none

ERO Drill Participation

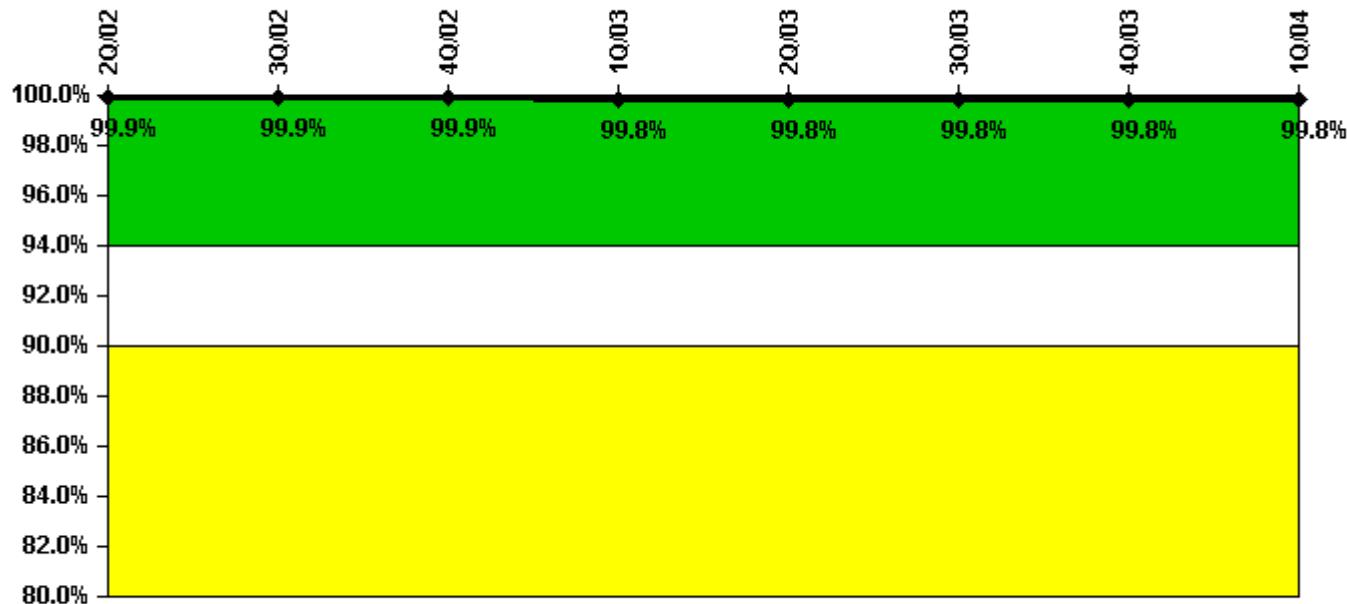


Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Participating Key personnel	75.0	79.0	75.0	82.0	84.0	81.0	74.0	77.0
Total Key personnel	75.0	79.0	75.0	82.0	84.0	81.0	74.0	77.0
Indicator value	100.0%							

Licensee Comments: none

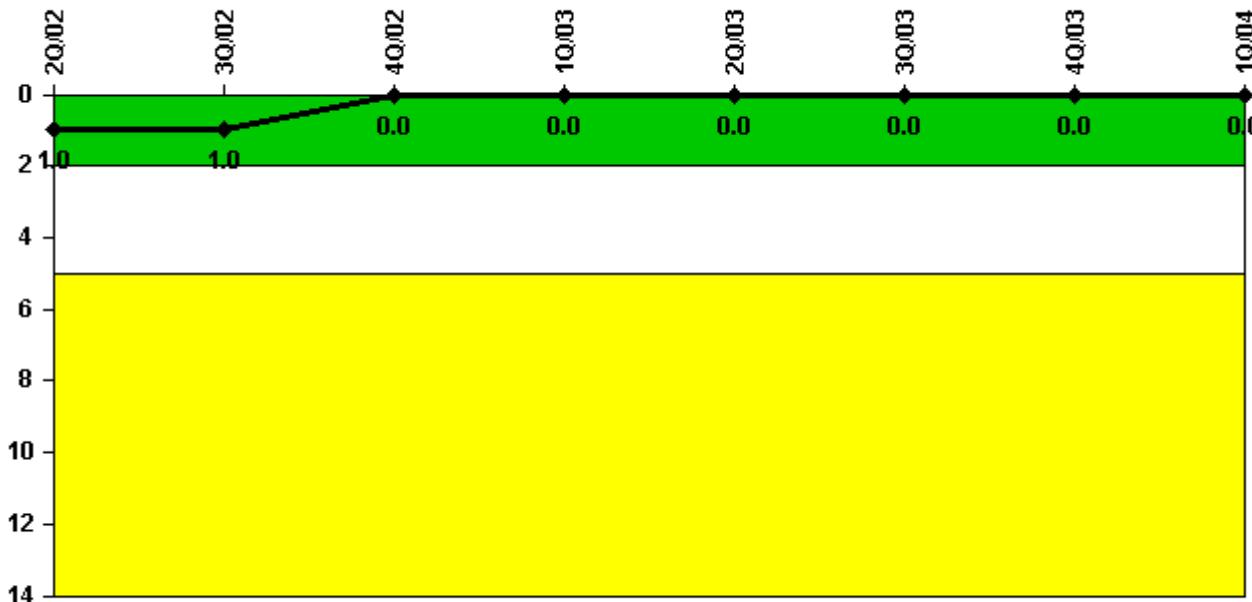
Alert & Notification System

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	527	704	527	709	533	710	533	712
Total sirens-tests	528	704	528	711	534	712	534	712
Indicator value	99.9%	99.9%	99.9%	99.8%	99.8%	99.8%	99.8%	99.8%

Licensee Comments: none

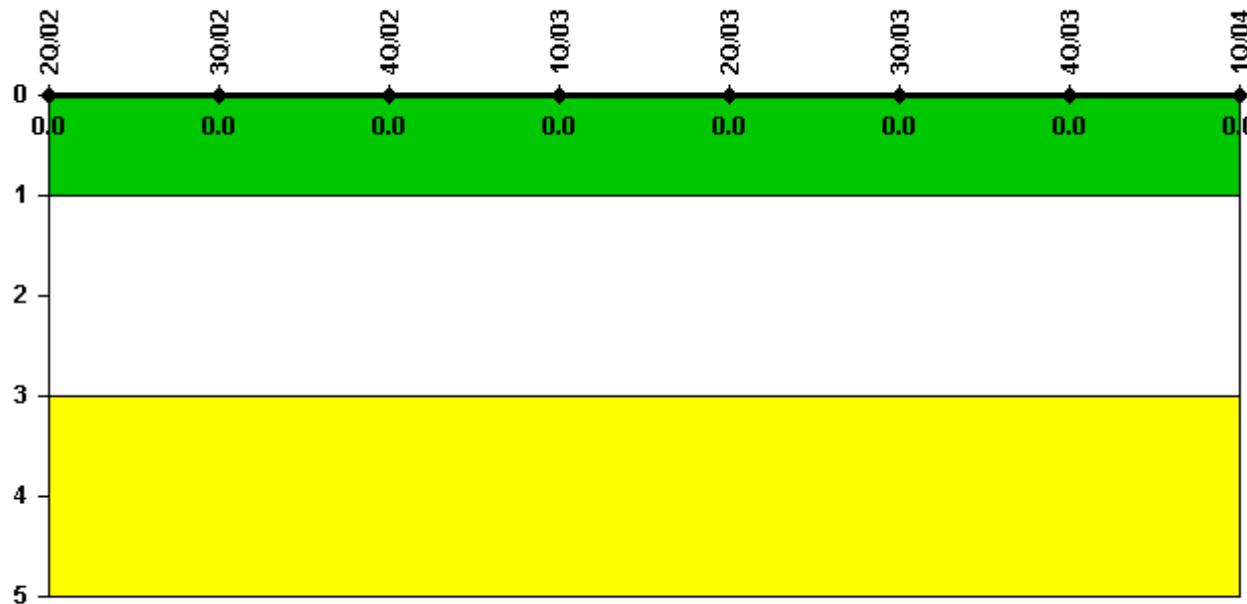
Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
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	1	1	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent

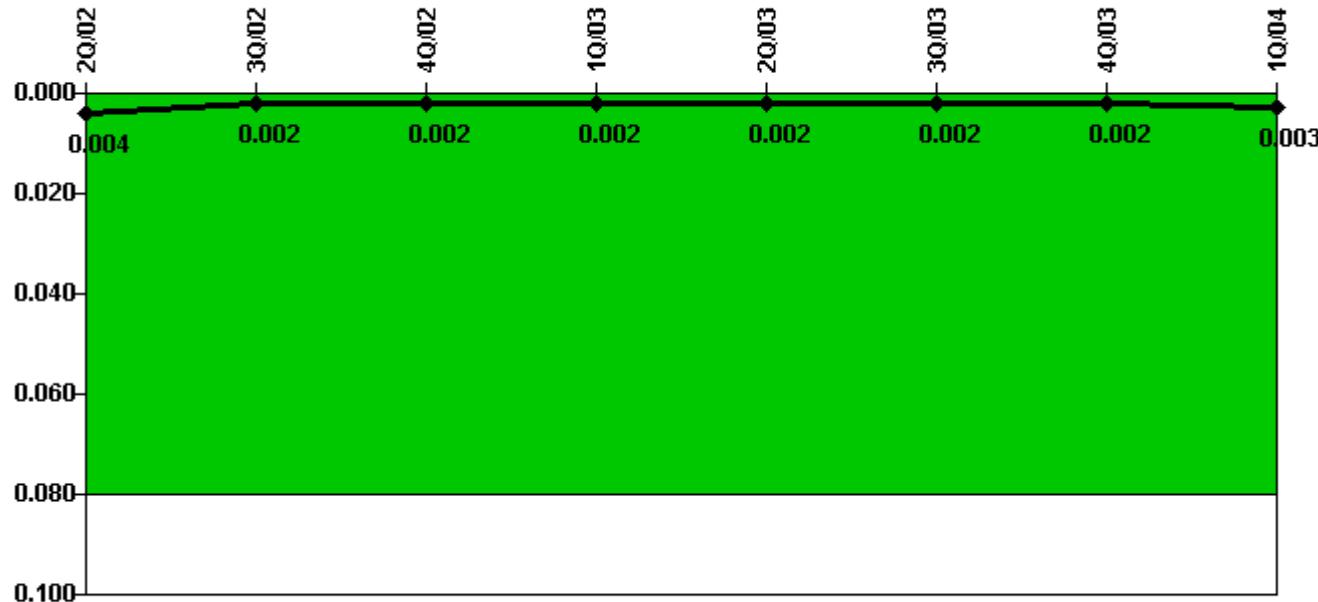
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/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

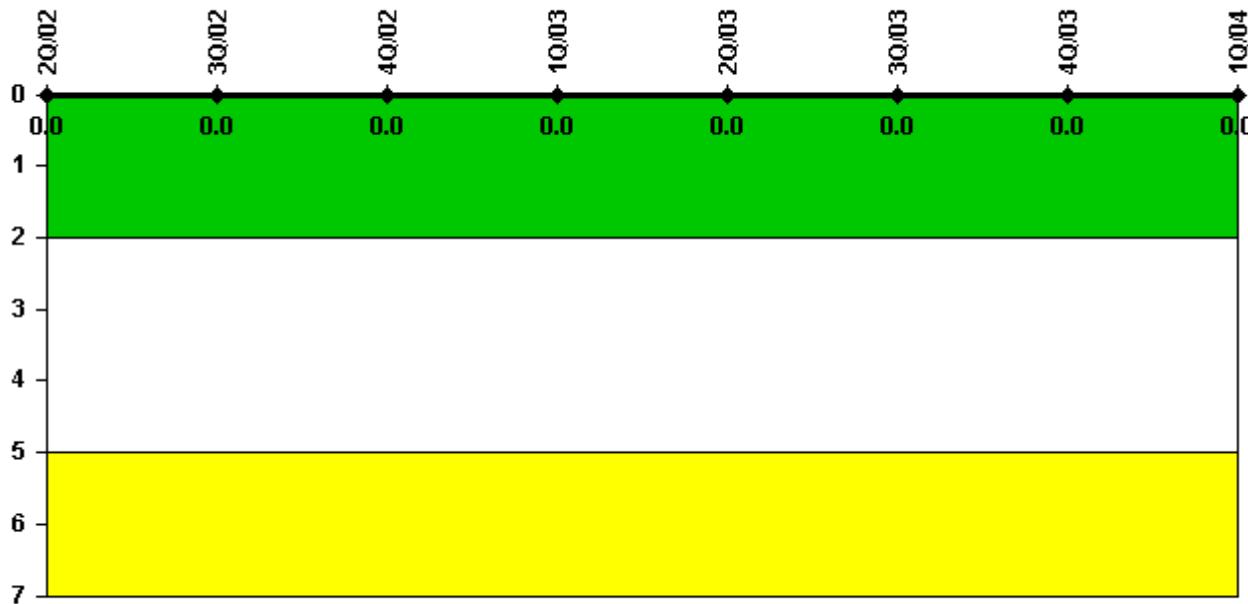


Thresholds: White > 0.080

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	39.30	6.80	0	4.40	28.80	10.00	0	30.00
CCTV compensatory hours	0	0	0	0	9.5	0	0	0
IDS normalization factor	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80
CCTV normalization factor	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Index Value	0.004	0.002	0.002	0.002	0.002	0.002	0.002	0.003

Licensee Comments: none

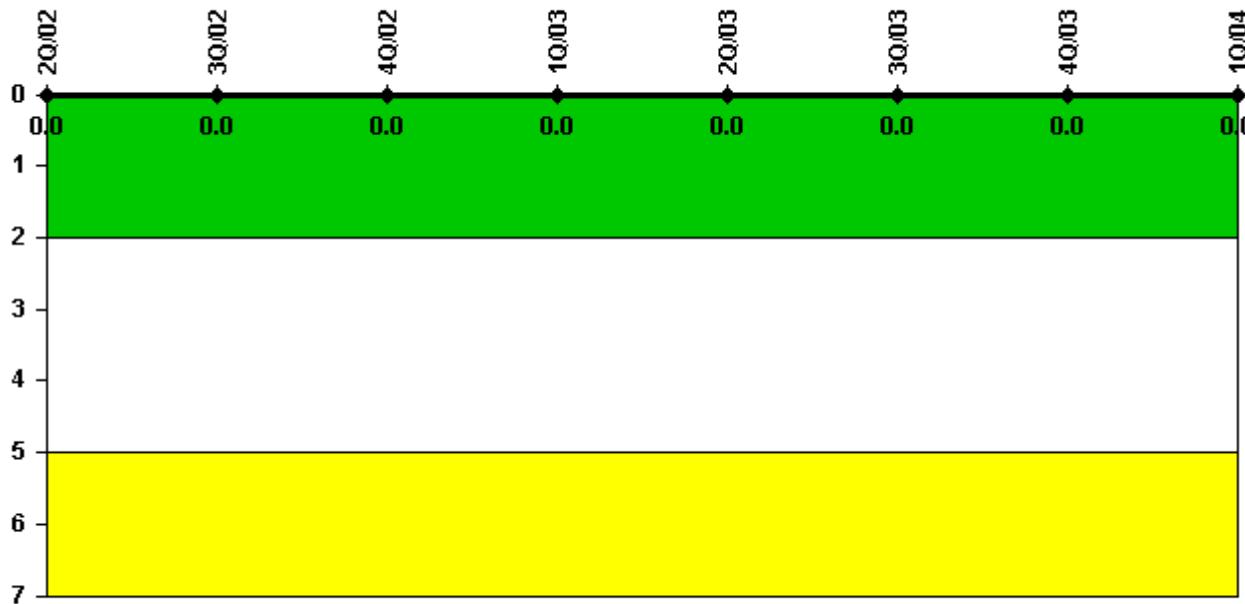
Personnel Screening Program

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	0							

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	0							

Licensee Comments: none

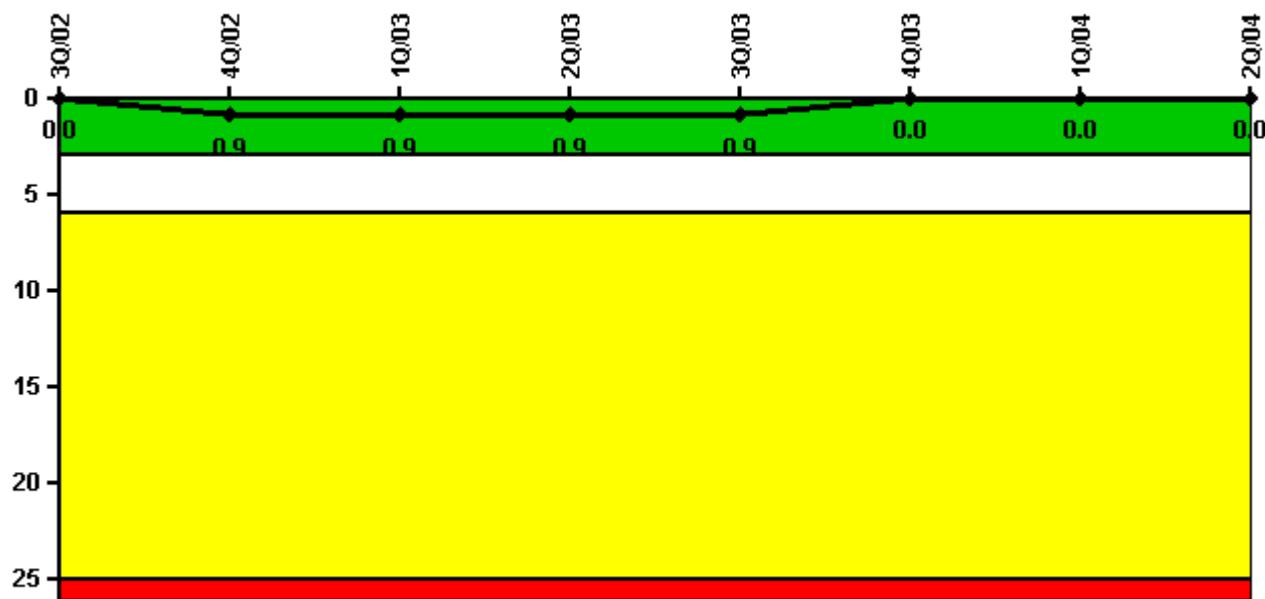


[PI Summary](#) | [Inspection Findings Summary](#) | [Reactor Oversight Process](#)

Last Modified: April 22, 2004

Saint Lucie 1**2Q/2004 Performance Indicators**

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs

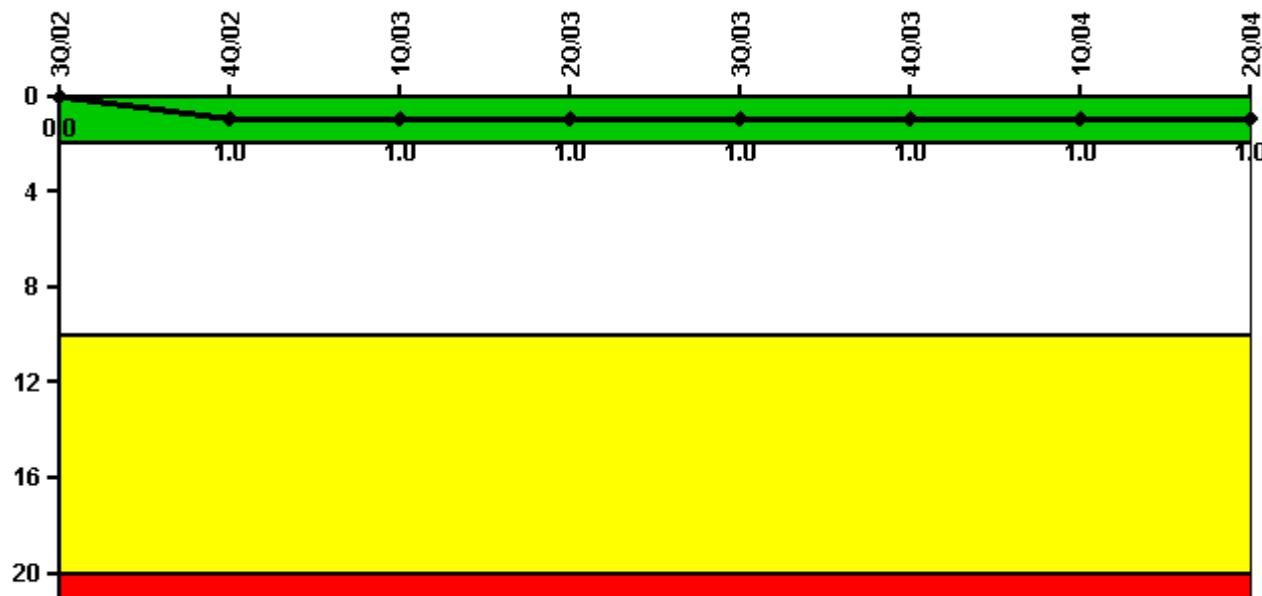
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Unplanned scrams	0	1.0	0	0	0	0	0	0
Critical hours	2184.0	1656.5	2160.0	2183.0	2208.0	2209.0	1937.1	1633.3
Indicator value	0	0.9	0.9	0.9	0.9	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



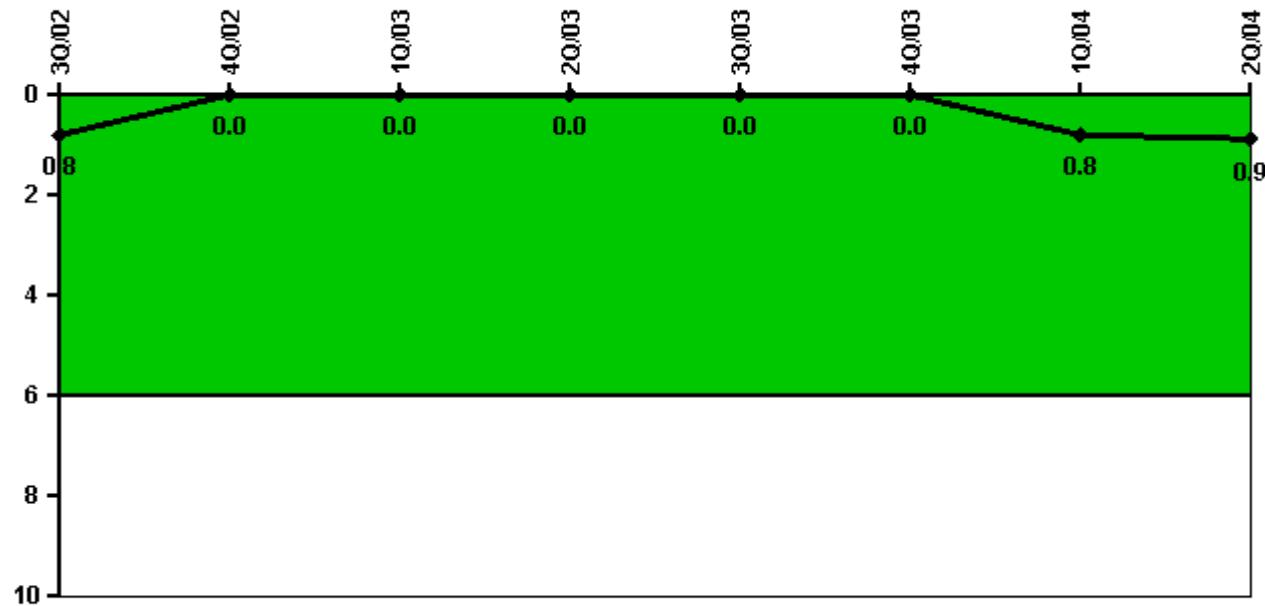
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Scrams	0	1.0	0	0	0	0	0	0
Indicator value	0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



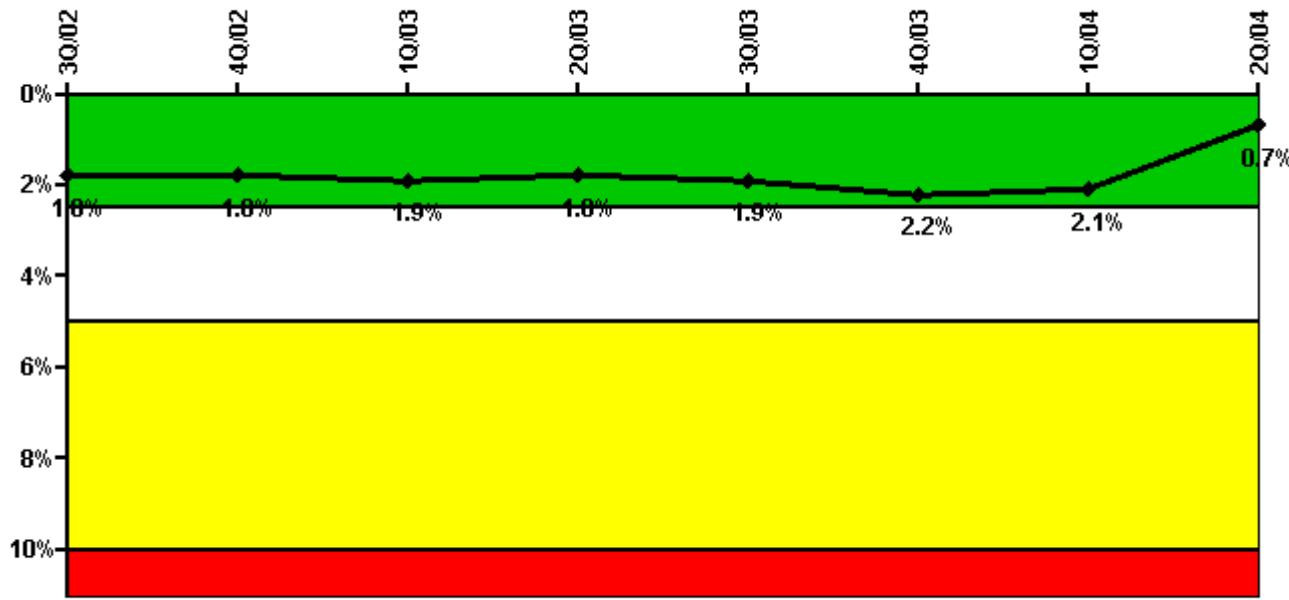
Thresholds: White > 6.0

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	0	0	0	0	0	0	1.0	0
Critical hours	2184.0	1656.5	2160.0	2183.0	2208.0	2209.0	1937.1	1633.3
Indicator value	0.8	0	0	0	0	0	0.8	0.9

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



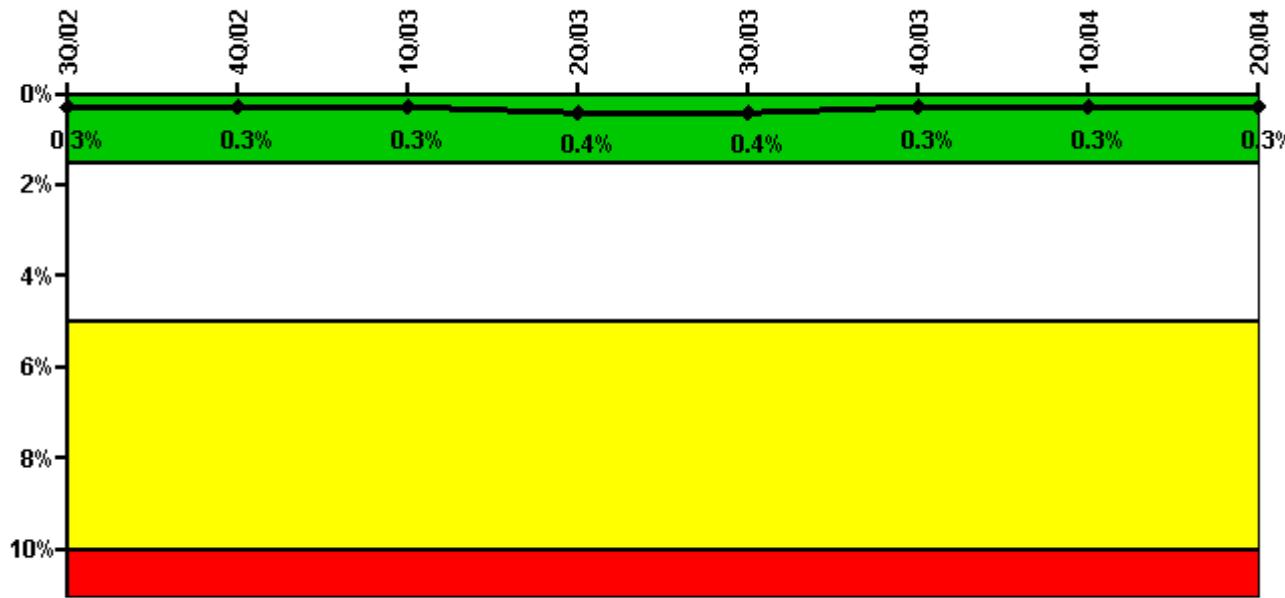
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours	5.50	7.20	4.90	6.60	10.70	6.51	6.70	7.00
Unplanned unavailable hours	0	0	0	0	10.20	123.80	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	1966.50	2160.00	2183.00	2208.00	2209.00	2068.60	1975.20
Train 2								
Planned unavailable hours	6.40	12.50	5.40	5.80	4.20	6.28	6.30	6.50
Unplanned unavailable hours	0	0	4.90	0	17.10	14.71	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	1966.50	2160.00	2183.00	2208.00	2209.00	2068.60	1975.20
Indicator value	1.8%	1.8%	1.9%	1.8%	1.9%	2.2%	2.1%	0.7%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



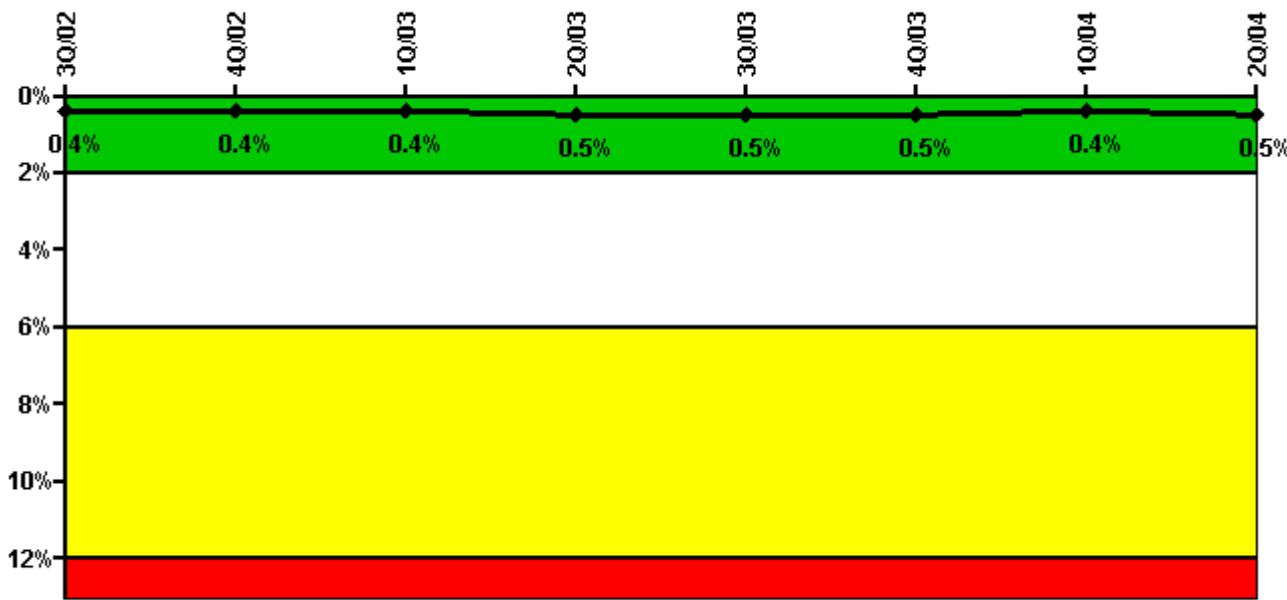
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)		3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1									
Planned unavailable hours		20.90	0.60	6.10	40.50	0.50	1.60	1.30	14.20
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		2189.70	1655.30	2160.00	2183.00	2208.00	2209.00	1951.80	1767.50
Train 2									
Planned unavailable hours		25.50	0.80	0.80	0.90	0.70	0.30	0	14.50
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		2189.70	1655.30	2160.00	2183.00	2208.00	2209.00	1951.80	1767.50
Indicator value		0.3%	0.3%	0.3%	0.4%	0.4%	0.3%	0.3%	0.3%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



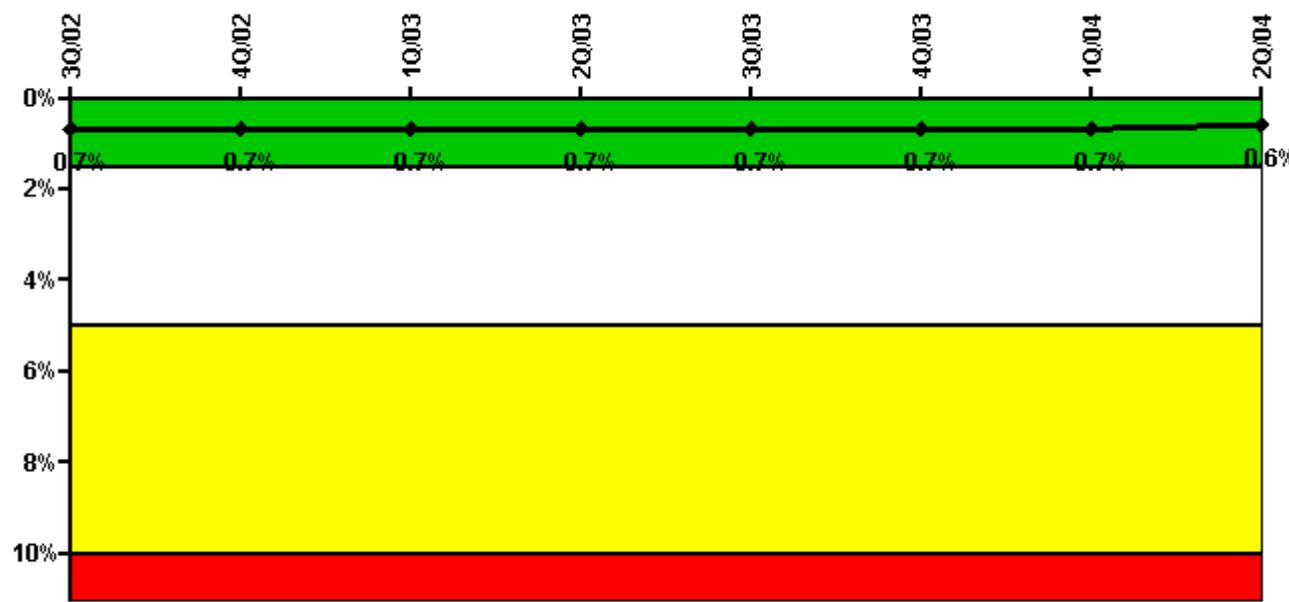
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours	10.30	0	1.70	2.80	3.60	3.50	1.20	9.80
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	2189.70	1705.00	2160.00	2183.00	2208.00	2209.00	1937.00	1609.00
Train 2								
Planned unavailable hours	8.30	0	2.30	3.50	2.20	2.30	1.60	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	2189.70	1705.00	2160.00	2183.00	2208.00	2209.00	1937.00	1609.00
Train 3								
Planned unavailable hours	25.50	3.50	8.30	5.50	4.90	13.80	8.10	25.50
Unplanned unavailable hours	10.40	28.80	47.20	0	0	0	0	46.60
Fault exposure hours	0	0	0	0	0	0	0	3.00
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2189.70	1705.00	2160.00	2183.00	2208.00	2209.00	1937.00	1609.00
Indicator value	0.4%	0.4%	0.4%	0.5%	0.5%	0.5%	0.4%	0.5%

Licensee Comments: none

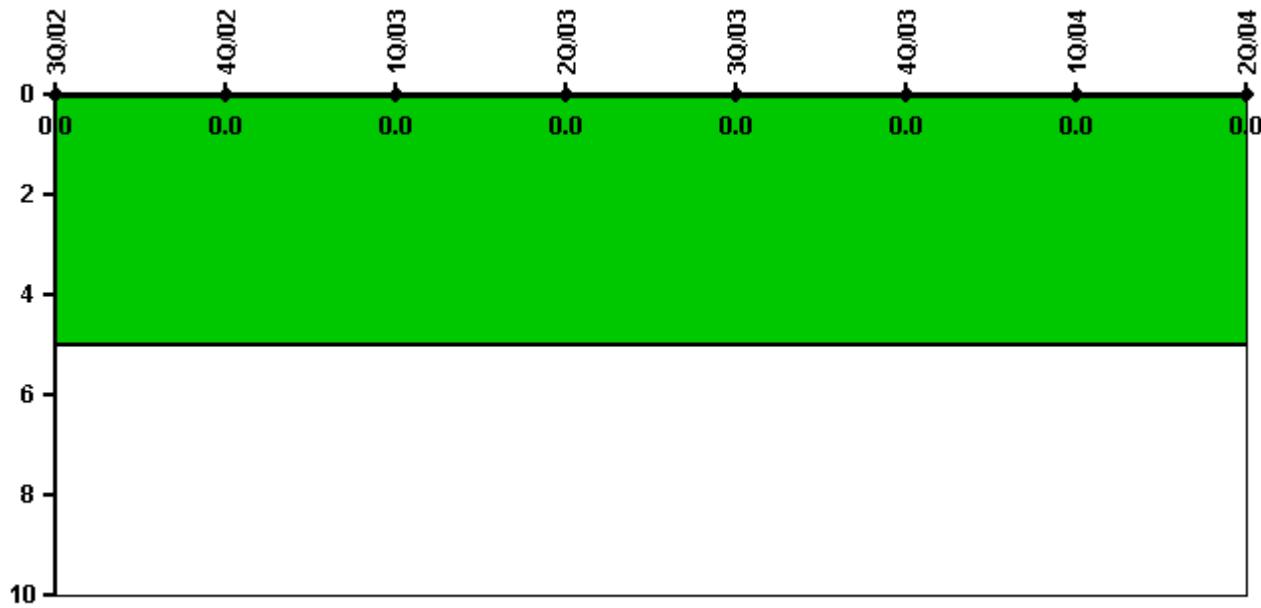
Safety System Unavailability, Residual Heat Removal System



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
Train 1								
Planned unavailable hours	20.40	3.20	4.60	2.60	66.30	3.40	44.30	2.60
Unplanned unavailable hours	0	0	0	0	65.50	6.70	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	2189.70	1698.70	2160.00	2183.00	2208.00	2209.00	1941.80	1701.70
Train 2								
Planned unavailable hours	40.40	31.70	2.60	2.40	54.00	2.40	10.40	16.20
Unplanned unavailable hours	0	0	0	0	0	0	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	2189.70	1698.70	2160.00	2183.00	2208.00	2209.00	1941.80	1701.70
Train 3								
Planned unavailable hours	0	0	0	0	0	0	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	18.30	503.90	0	0	0	0	236.30	288.70
Train 4								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	1.40	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	18.30	503.90	0	0	0	0	236.30	288.70
Indicator value	0.7%	0.6%						

Safety System Functional Failures (PWR)

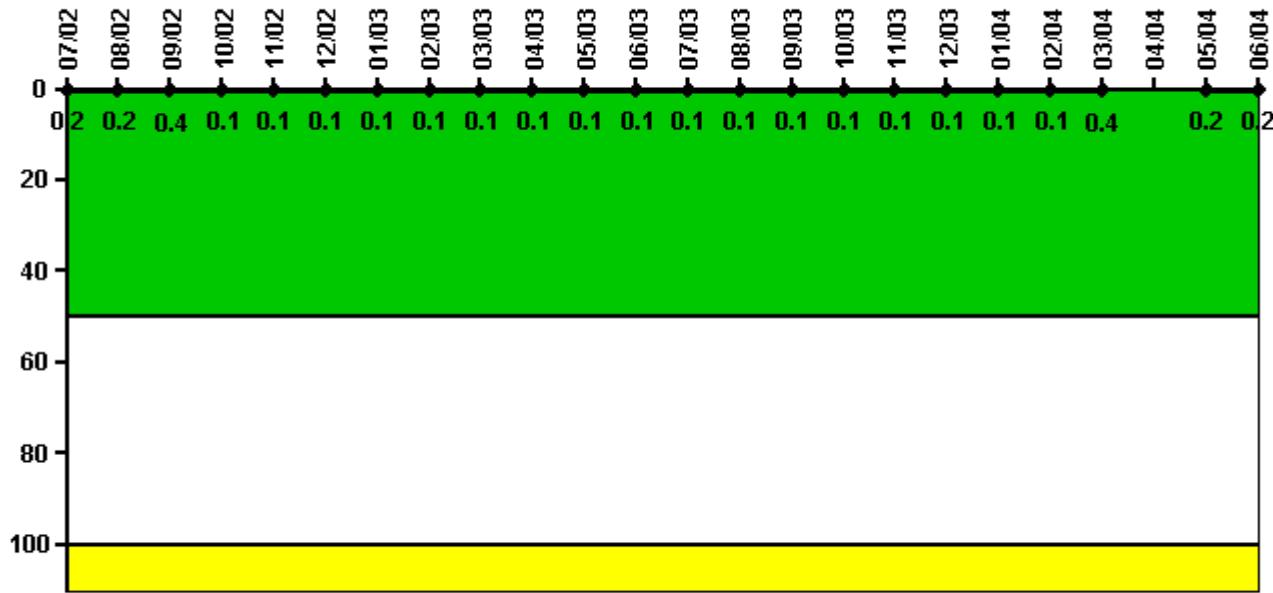
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
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

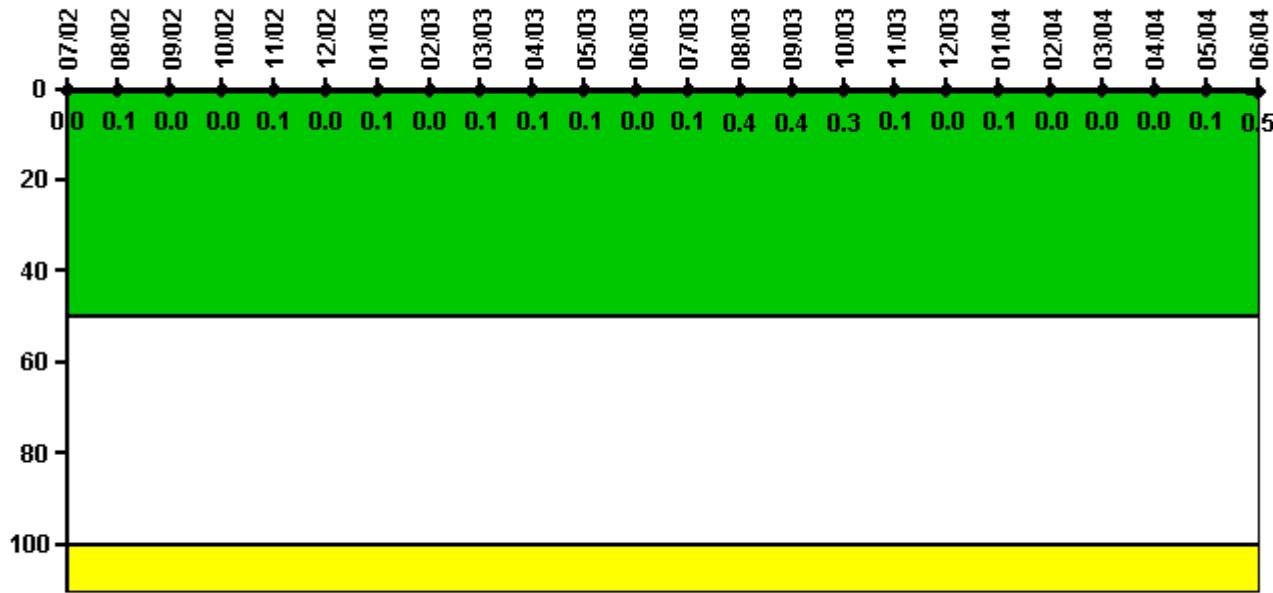
Notes

Reactor Coolant System Activity	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03
Maximum activity	0.001820	0.001940	0.004040	0.001110	0.001210	0.001110	0.001130	0.001060	0.000976	0.001280	0.000991	0.001050
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.2	0.2	0.4	0.1								

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	0.001000	0.001060	0.001090	0.001170	0.001050	0.001200	0.001260	0.001390	0.004400	N/A	0.001930	0.002130
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.4	N/A	0.2								

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

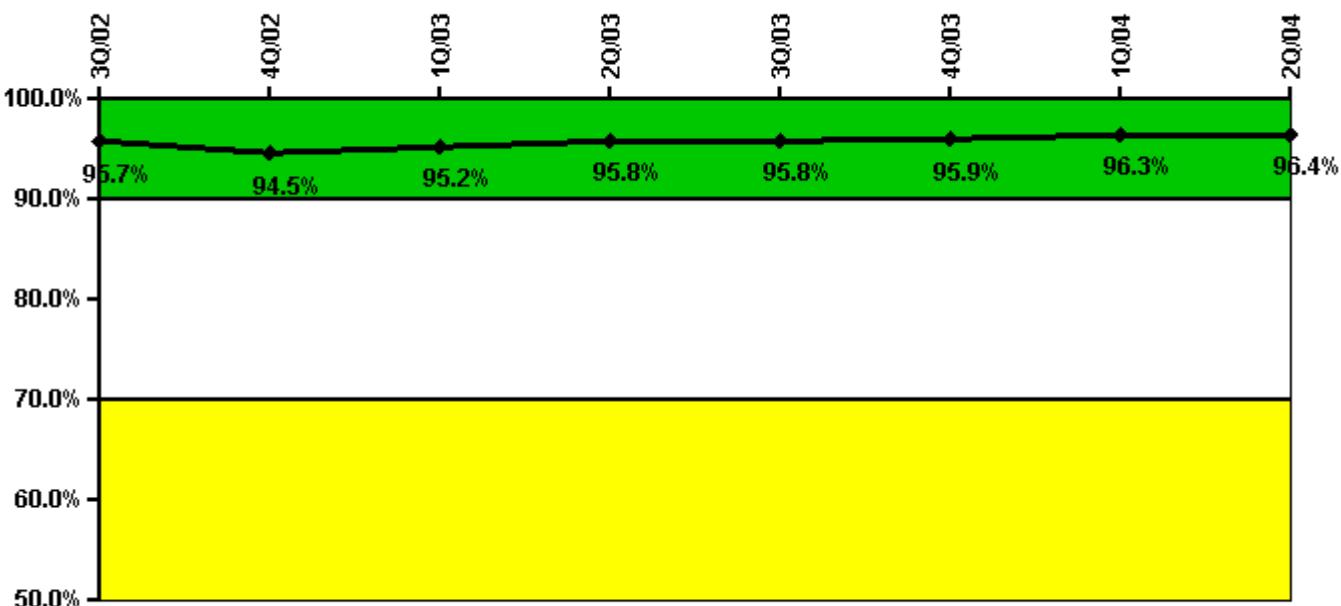
Notes

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	0.004	0.010	0	0	0.010	0	0.009	0.004	0.011	0.013	0.009	0.004
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0.1	0	0	0.1	0	0.1	0	0.1	0.1	0.1	0

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	0.005	0.044	0.036	0.027	0.013	0	0.010	0	0	0	0.010	0.050
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.4	0.4	0.3	0.1	0	0.1	0	0	0	0.1	0.5

Licensee Comments: none

Drill/Exercise Performance



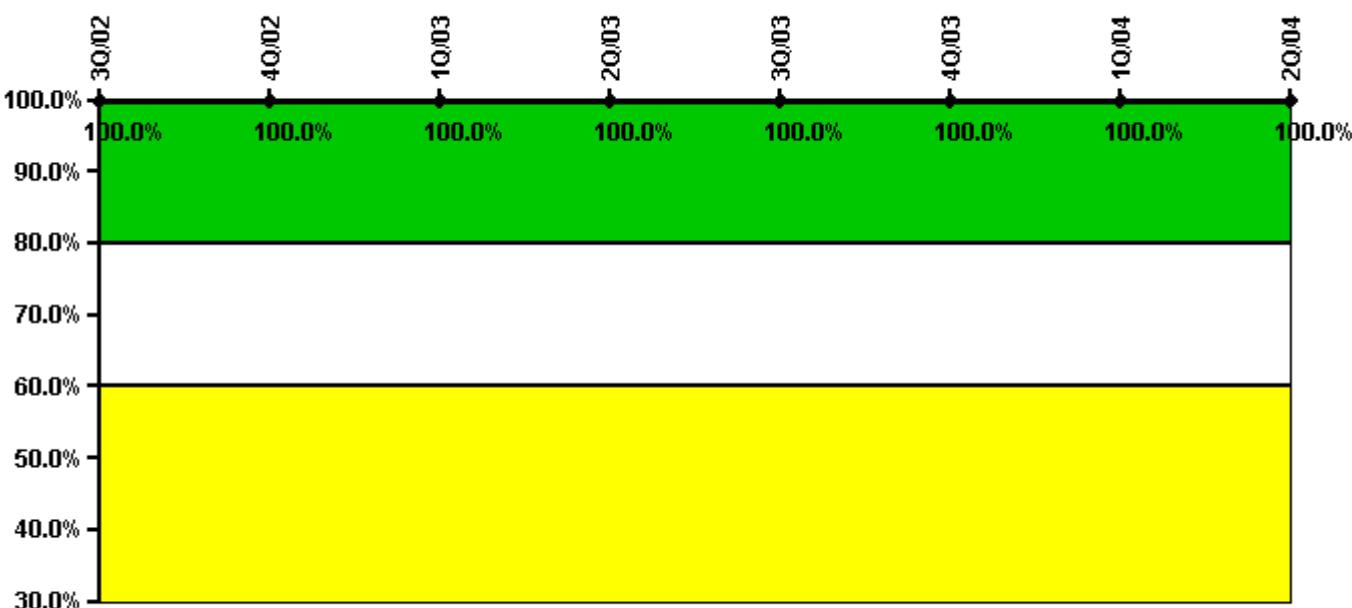
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Successful opportunities	70.0	5.0	87.0	48.0	80.0	67.0	50.0	47.0
Total opportunities	73.0	6.0	89.0	50.0	83.0	70.0	51.0	49.0
Indicator value	95.7%	94.5%	95.2%	95.8%	95.8%	95.9%	96.3%	96.4%

Licensee Comments: none

ERO Drill Participation



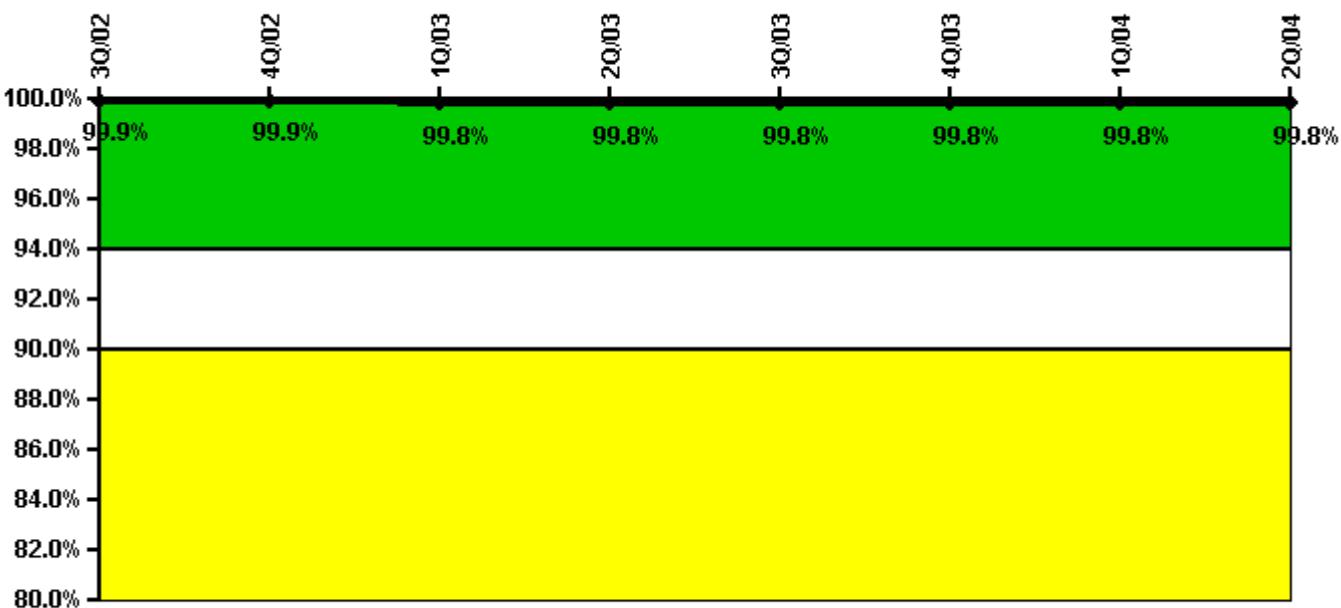
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Participating Key personnel	79.0	75.0	82.0	84.0	81.0	74.0	77.0	85.0
Total Key personnel	79.0	75.0	82.0	84.0	81.0	74.0	77.0	85.0
Indicator value	100.0%							

Licensee Comments: none

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	704	527	709	533	710	533	712	622
Total sirens-tests	704	528	711	534	712	534	712	623
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



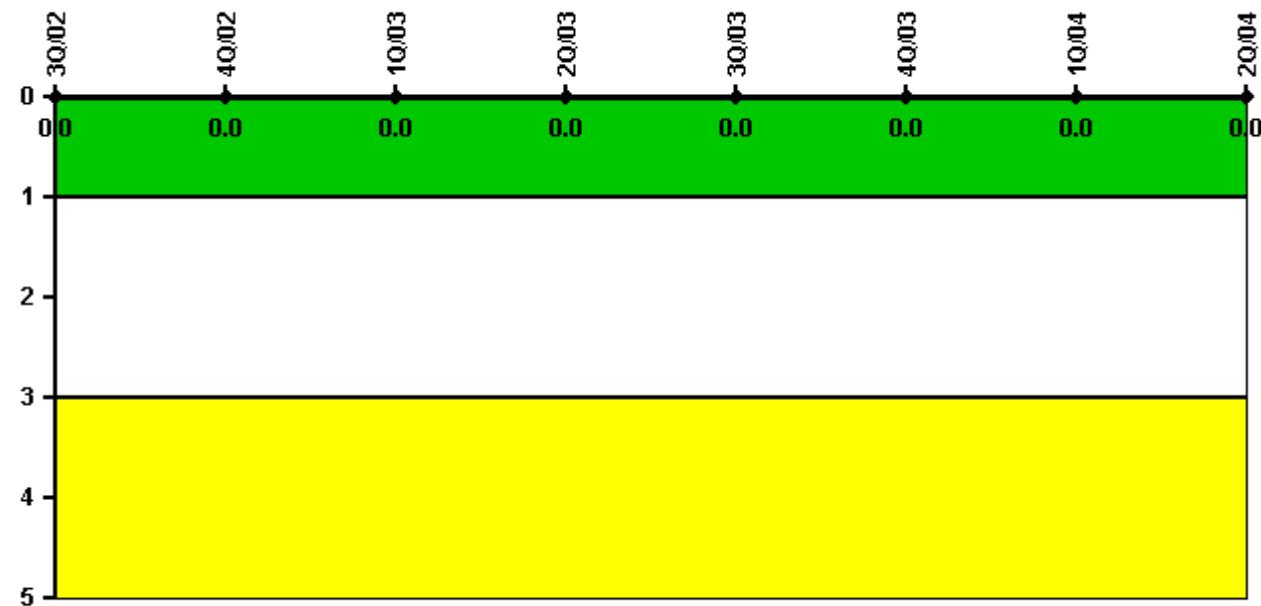
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
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	1	0						

Licensee Comments: none

RETS/ODCM Radiological Effluent



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
Indicator value	0							

Licensee Comments: none

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

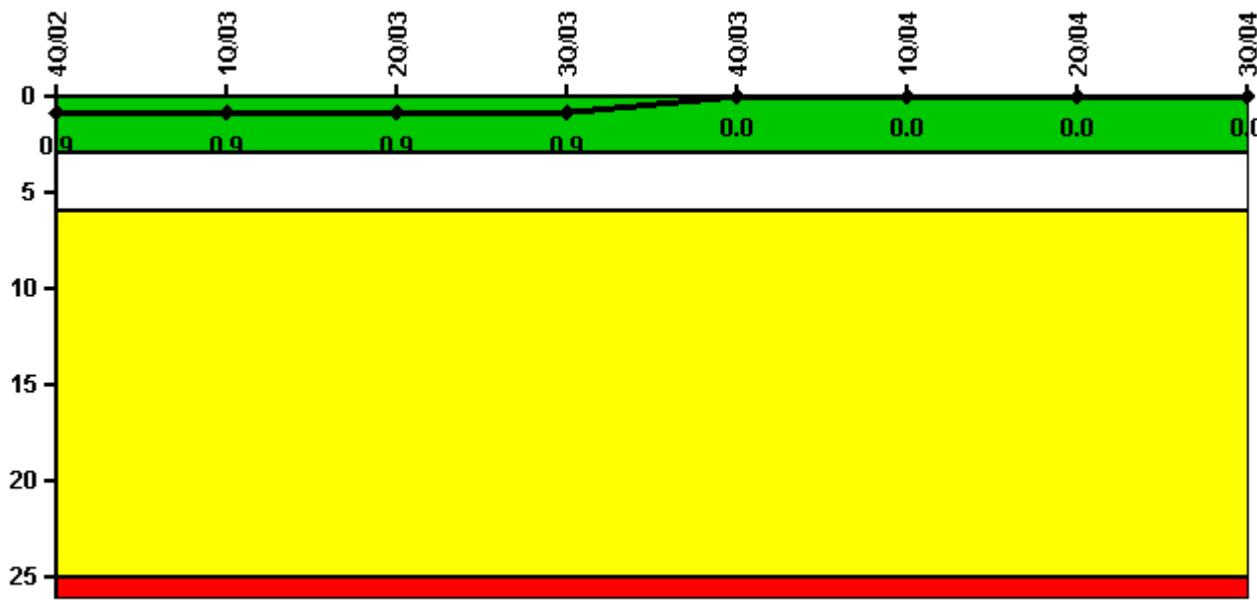


[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: September 8, 2004

Saint Lucie 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	1.0	0	0	0	0	0	0	0
Critical hours	1656.5	2160.0	2183.0	2208.0	2209.0	1937.1	1633.3	1847.3
Indicator value	0.9	0.9	0.9	0.9	0	0	0	0

Licensee Comments: none

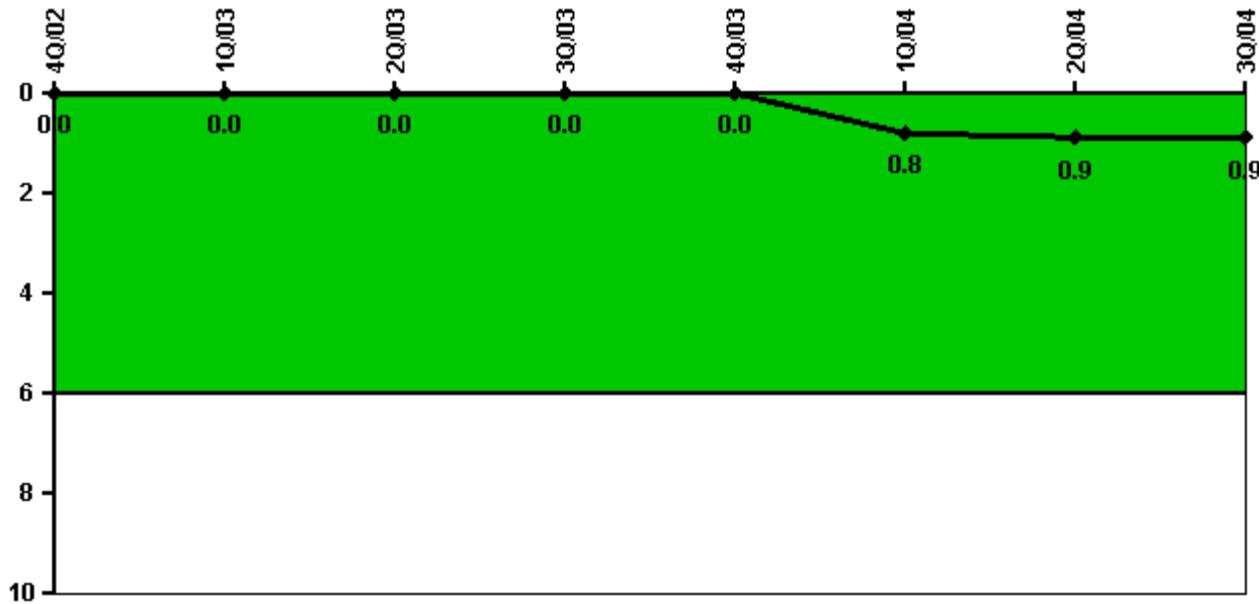
Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Scrams	1.0	0	0	0	0	0	0	0
Indicator value	1.0							

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

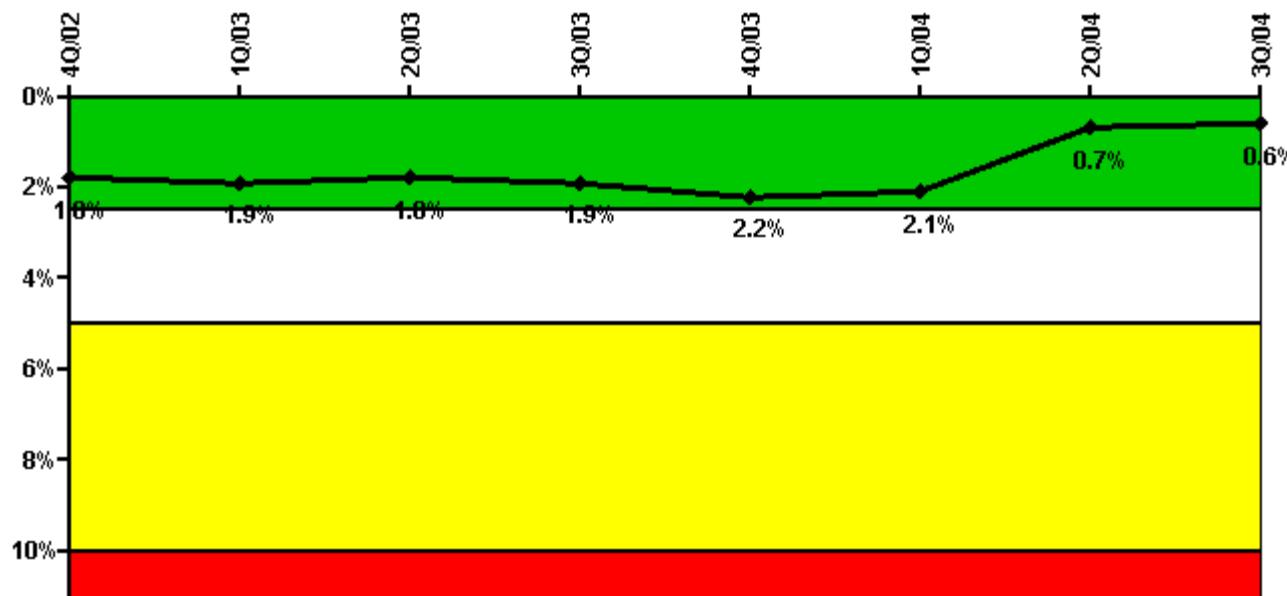
Thresholds: White > 6.0

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	0	0	0	0	0	1.0	0	0
Critical hours	1656.5	2160.0	2183.0	2208.0	2209.0	1937.1	1633.3	1847.3
Indicator value	0	0	0	0	0	0.8	0.9	0.9

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



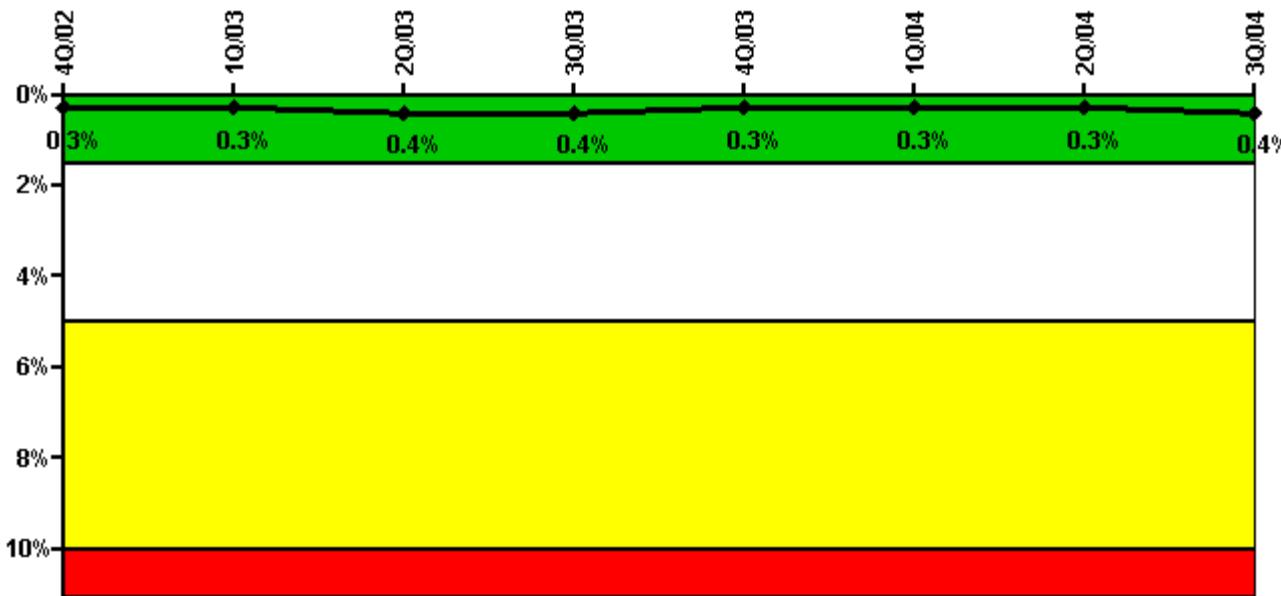
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	7.20	4.90	6.60	10.70	6.51	6.70	7.00	5.90
Unplanned unavailable hours	0	0	0	10.20	123.80	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	1966.50	2160.00	2183.00	2208.00	2209.00	2068.60	1975.20	2208.00
Train 2								
Planned unavailable hours	12.50	5.40	5.80	4.20	6.28	6.30	6.50	8.60
Unplanned unavailable hours	0	4.90	0	17.10	14.71	0	0	2.00
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1966.50	2160.00	2183.00	2208.00	2209.00	2068.60	1975.20	2208.00
Indicator value	1.8%	1.9%	1.8%	1.9%	2.2%	2.1%	0.7%	0.6%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



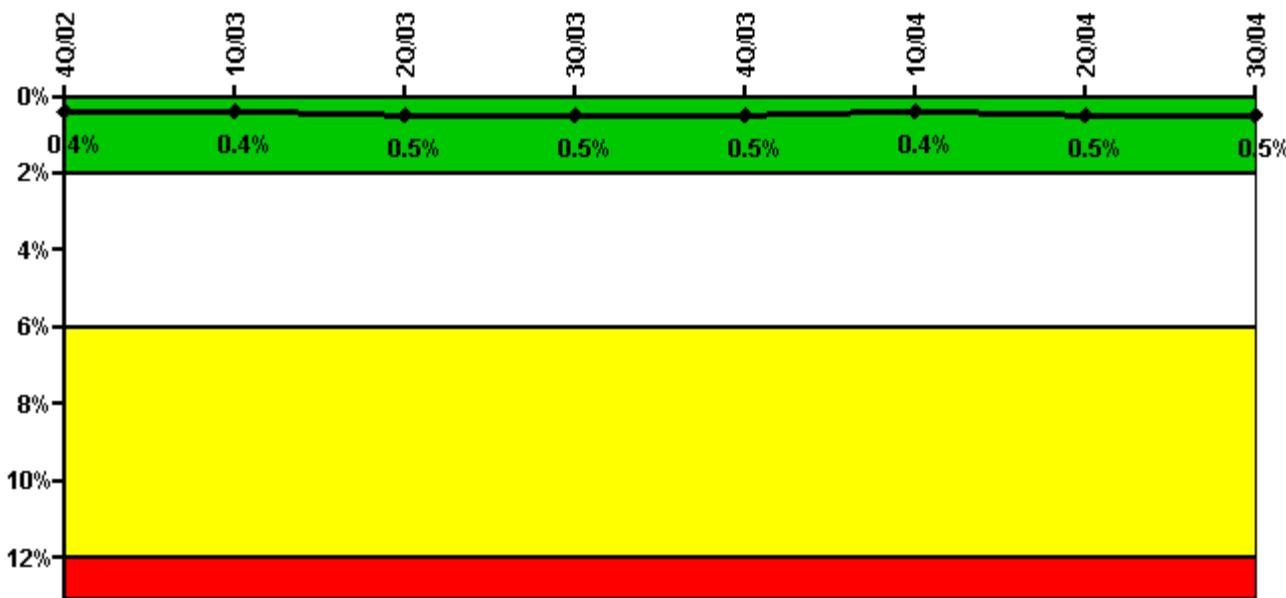
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	0.60	6.10	40.50	0.50	1.60	1.30	14.20	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	1655.30	2160.00	2183.00	2208.00	2209.00	1951.80	1767.50	2069.10
Train 2								
Planned unavailable hours	0.80	0.80	0.90	0.70	0.30	0	14.50	28.90
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	1655.30	2160.00	2183.00	2208.00	2209.00	1951.80	1767.50	2069.10
Indicator value	0.3%	0.3%	0.4%	0.4%	0.3%	0.3%	0.3%	0.4%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



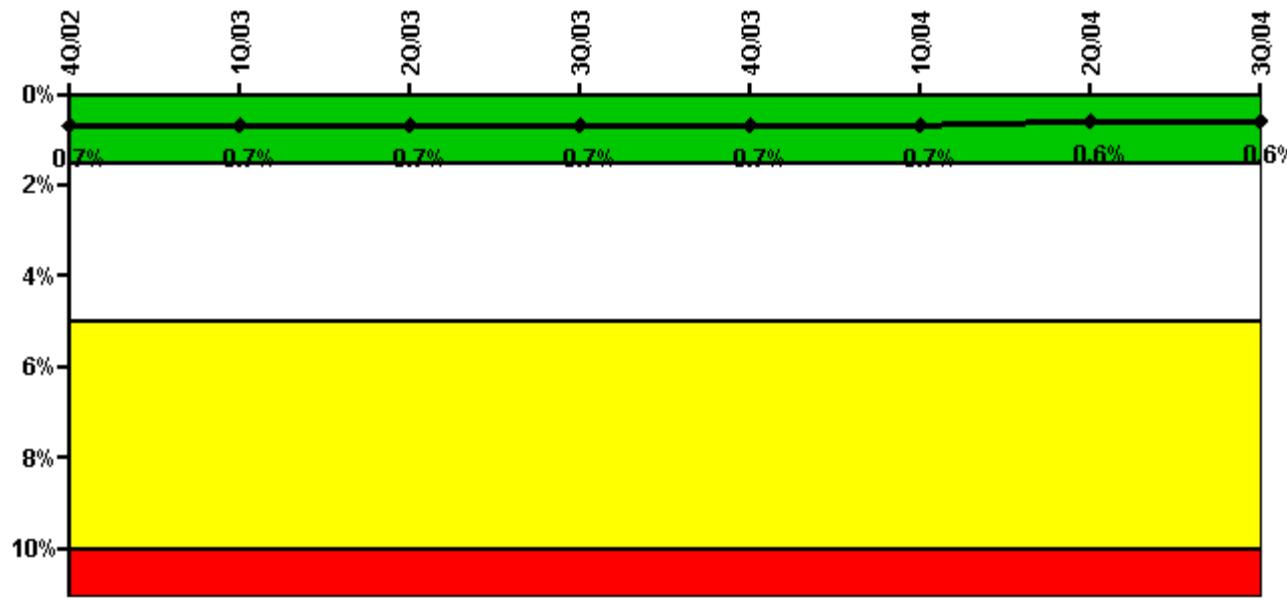
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	0	1.70	2.80	3.60	3.50	1.20	9.80	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	1705.00	2160.00	2183.00	2208.00	2209.00	1937.00	1609.00	1969.00
Train 2								
Planned unavailable hours	0	2.30	3.50	2.20	2.30	1.60	0	13.90
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	1705.00	2160.00	2183.00	2208.00	2209.00	1937.00	1609.00	1969.00
Train 3								
Planned unavailable hours	3.50	8.30	5.50	4.90	13.80	8.10	25.50	4.10
Unplanned unavailable hours	28.80	47.20	0	0	0	0	46.60	0
Fault exposure hours	0	0	0	0	0	0	3.00	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1705.00	2160.00	2183.00	2208.00	2209.00	1937.00	1609.00	1969.00
Indicator value	0.4%	0.4%	0.5%	0.5%	0.5%	0.4%	0.5%	0.5%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



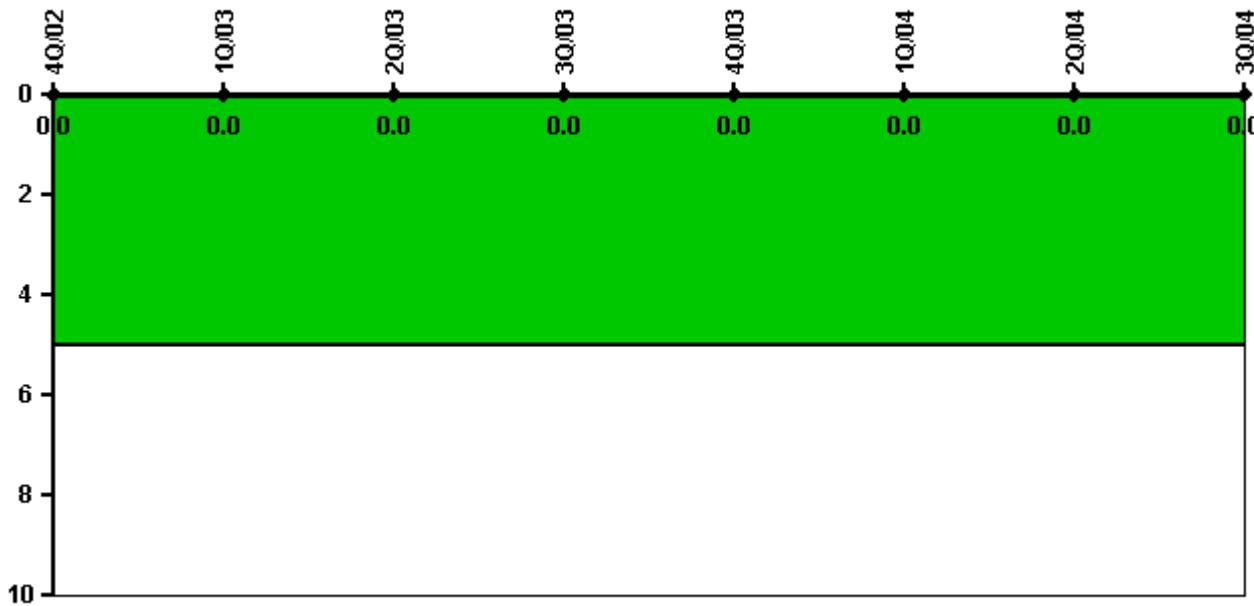
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	3.20	4.60	2.60	66.30	3.40	44.30	2.60	1.30
Unplanned unavailable hours	0	0	0	65.50	6.70	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	1698.70	2160.00	2183.00	2208.00	2209.00	1941.80	1701.70	1885.20
Train 2								
Planned unavailable hours	31.70	2.60	2.40	54.00	2.40	10.40	16.20	68.30
Unplanned unavailable hours	0	0	0	0	0	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	1698.70	2160.00	2183.00	2208.00	2209.00	1941.80	1701.70	1885.20
Train 3								
Planned unavailable hours	0	0	0	0	0	0	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	503.90	0	0	0	0	236.30	288.70	241.00
Train 4								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	1.40	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	503.90	0	0	0	0	236.30	288.70	241.00
Indicator value	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.6%	0.6%

Licensee Comments: none

Safety System Functional Failures (PWR)



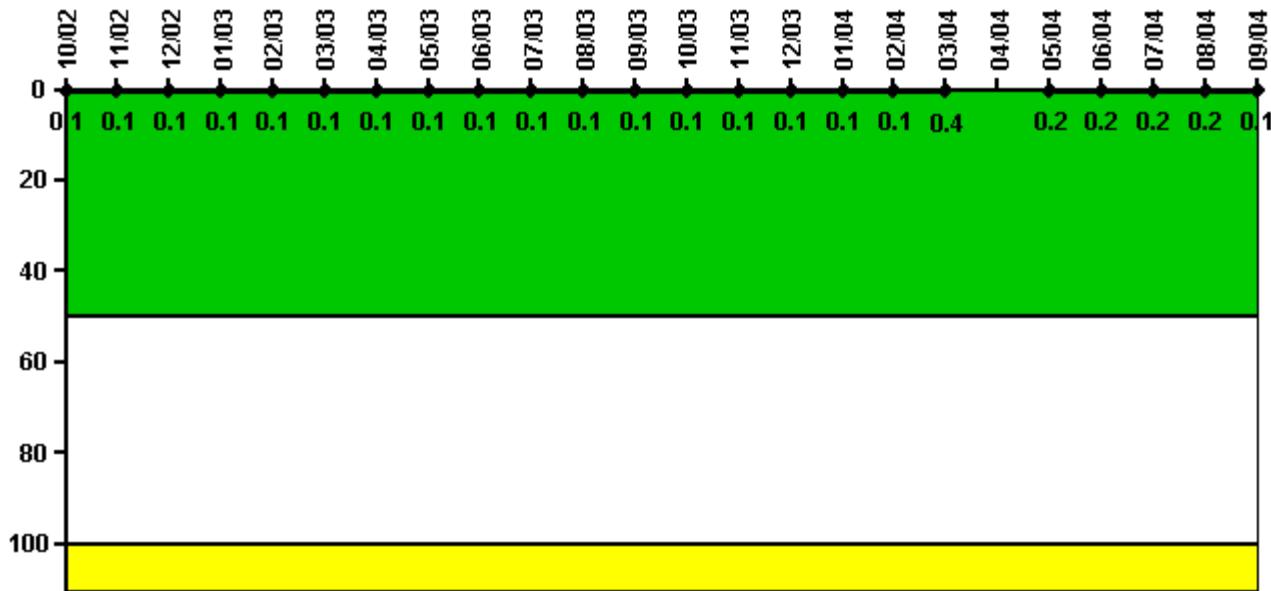
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
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



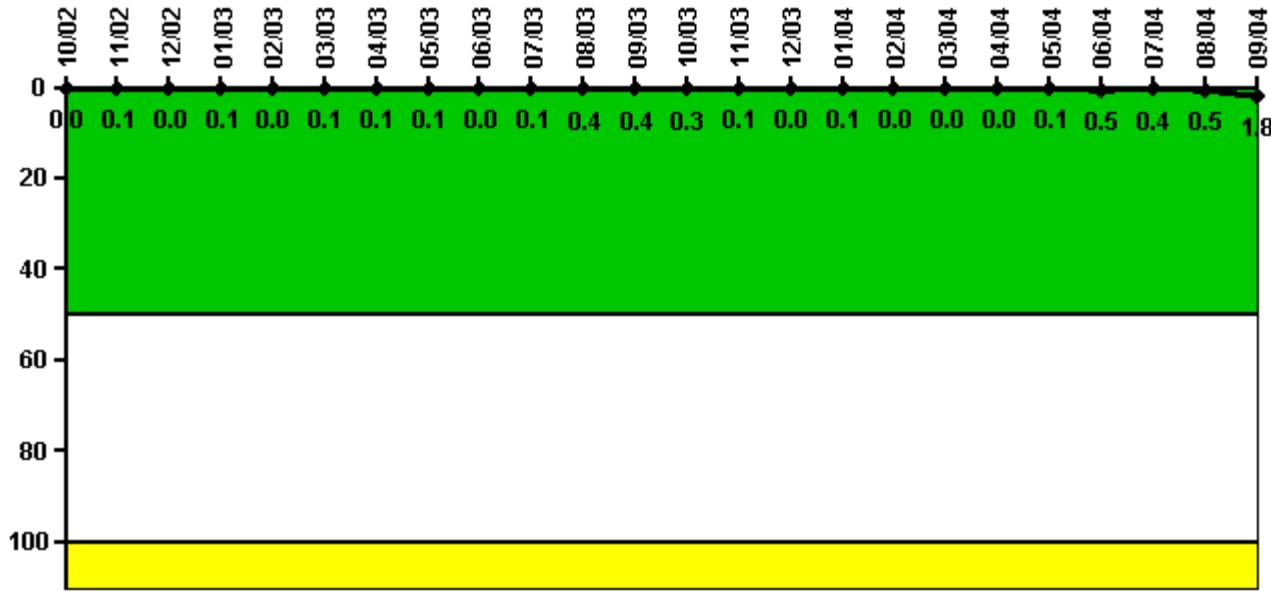
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	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	0.001110	0.001210	0.001110	0.001130	0.001060	0.000976	0.001280	0.000991	0.001050	0.001000	0.001060	0.001090
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1											
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	0.001170	0.001050	0.001200	0.001260	0.001390	0.004400	N/A	0.001930	0.002130	0.002150	0.001860	0.000903
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.4	N/A	0.2	0.2	0.2	0.2	0.1

Licensee Comments: none

Reactor Coolant System Leakage



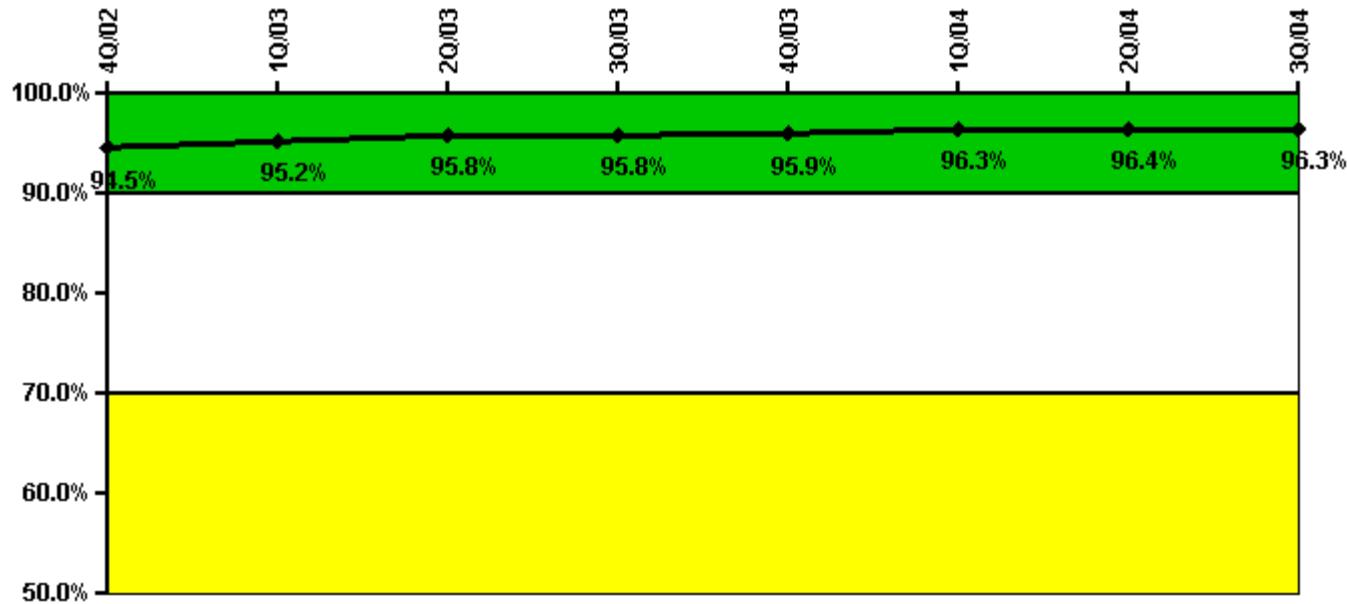
Thresholds: White > 50.0 Yellow > 100.0

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	0	0.010	0	0.009	0.004	0.011	0.013	0.009	0.004	0.005	0.044	0.036
Indicator value	0	0.1	0	0.1	0	0.1	0.1	0.1	0	0.1	0.4	0.4
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	0.027	0.013	0	0.010	0	0	0	0.010	0.050	0.040	0.054	0.180
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.1	0	0.1	0	0	0	0.1	0.5	0.4	0.5	1.8

Licensee Comments: none

Drill/Exercise Performance



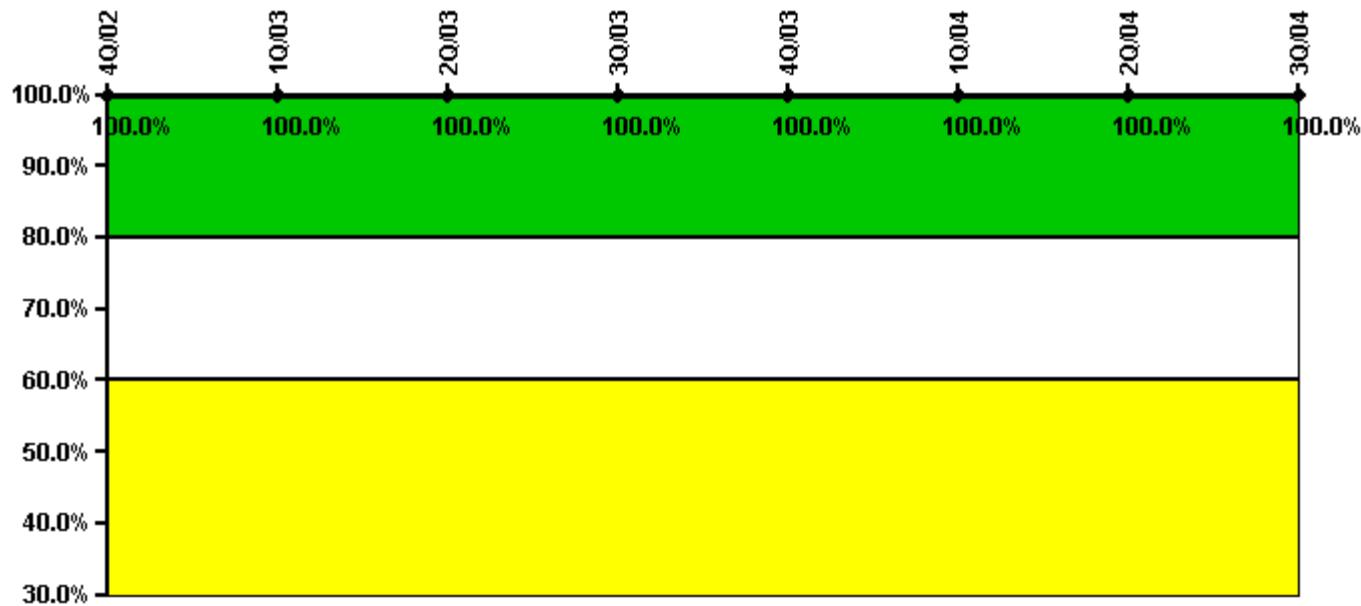
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Successful opportunities	5.0	87.0	48.0	80.0	67.0	50.0	47.0	60.0
Total opportunities	6.0	89.0	50.0	83.0	70.0	51.0	49.0	63.0
Indicator value	94.5%	95.2%	95.8%	95.8%	95.9%	96.3%	96.4%	96.3%

Licensee Comments: none

ERO Drill Participation



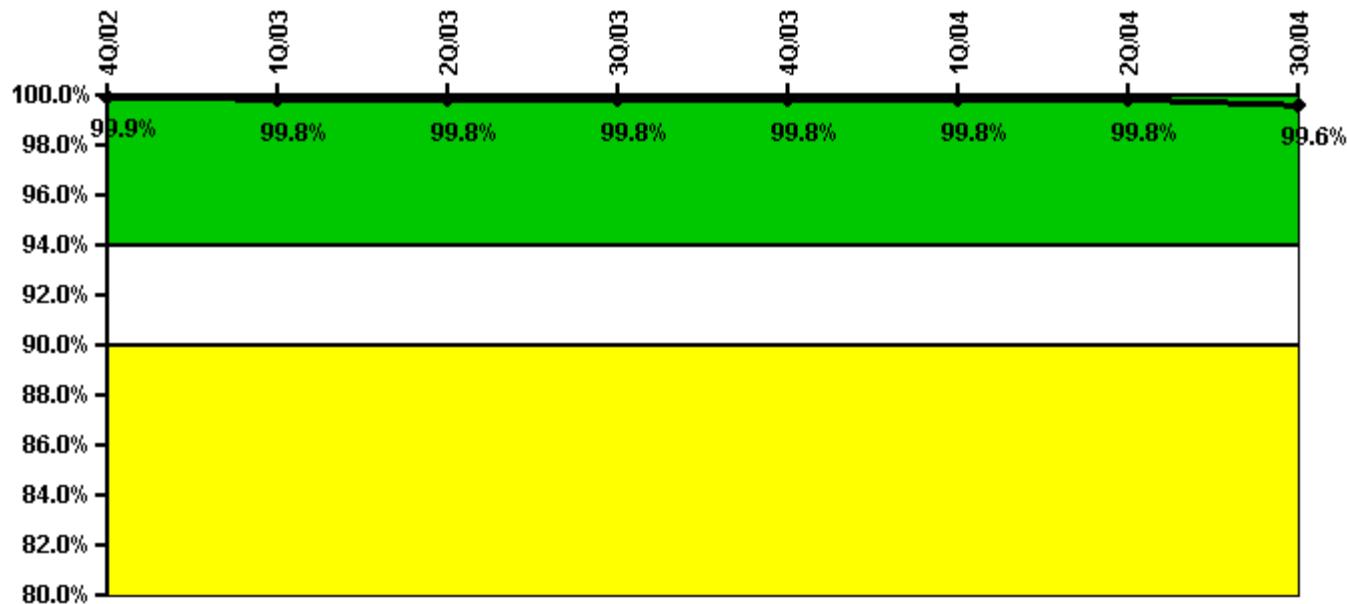
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Participating Key personnel	75.0	82.0	84.0	81.0	74.0	77.0	85.0	86.0
Total Key personnel	75.0	82.0	84.0	81.0	74.0	77.0	85.0	86.0
Indicator value	100.0%							

Licensee Comments: none

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	527	709	533	710	533	712	622	616
Total sirens-tests	528	711	534	712	534	712	623	623
Indicator value	99.9%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.6%

Licensee Comments: none

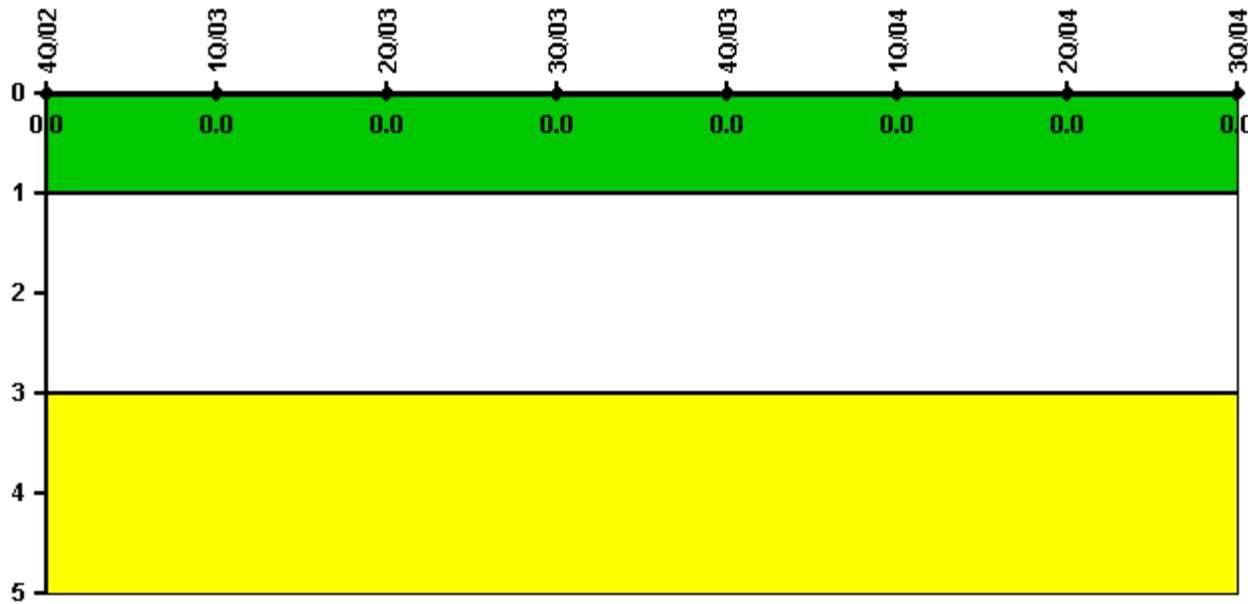
Occupational Exposure Control Effectiveness

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	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							

Licensee Comments: none

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	0							

Licensee Comments: none

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

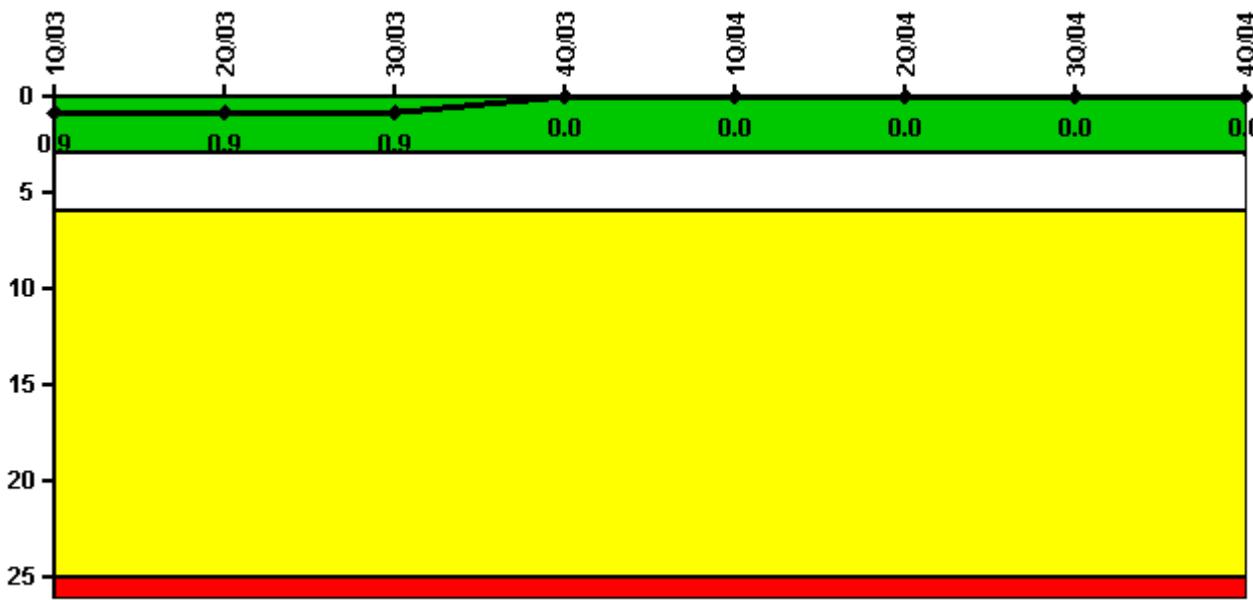


[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: October 25, 2004

Saint Lucie 1**4Q/2004 Performance Indicators**

Licensee's General Comments: none

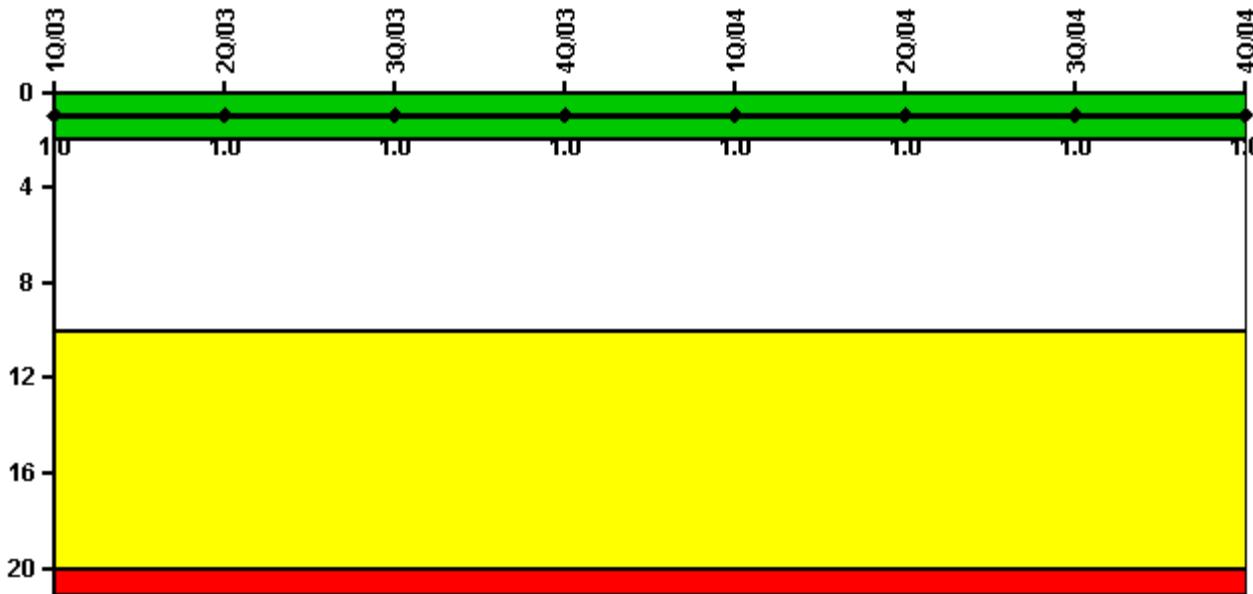
Unplanned Scrams per 7000 Critical Hrs

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2160.0	2183.0	2208.0	2209.0	1937.1	1633.3	1847.3	2166.5
Indicator value	0.9	0.9	0.9	0	0	0	0	0

Licensee Comments: none

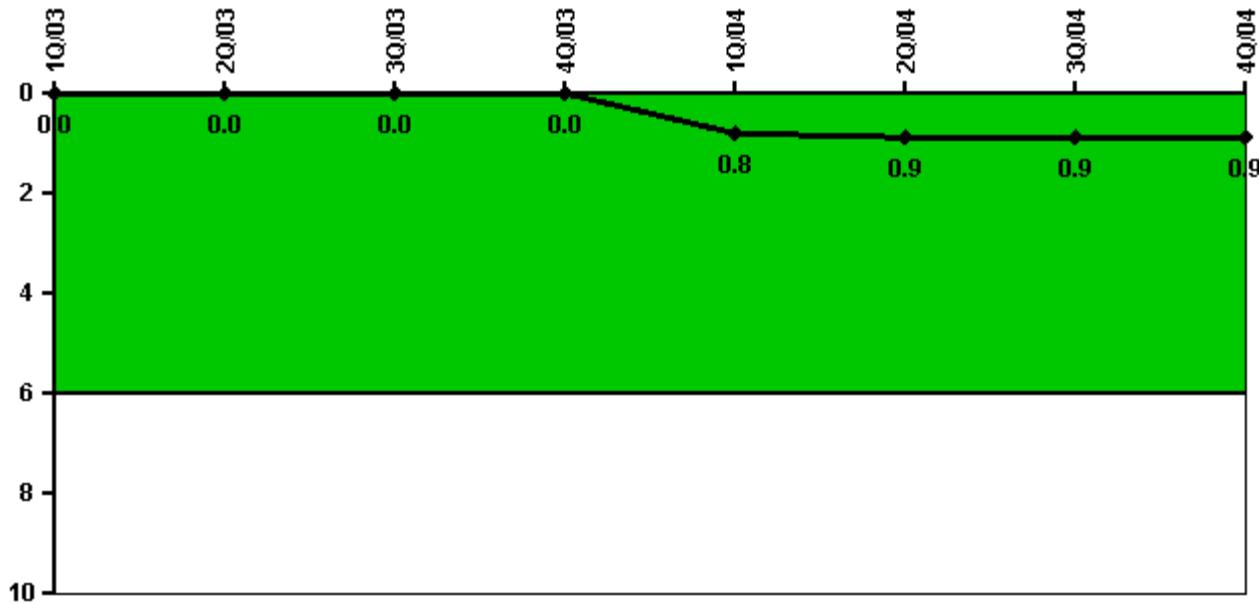
Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	1Q/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	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

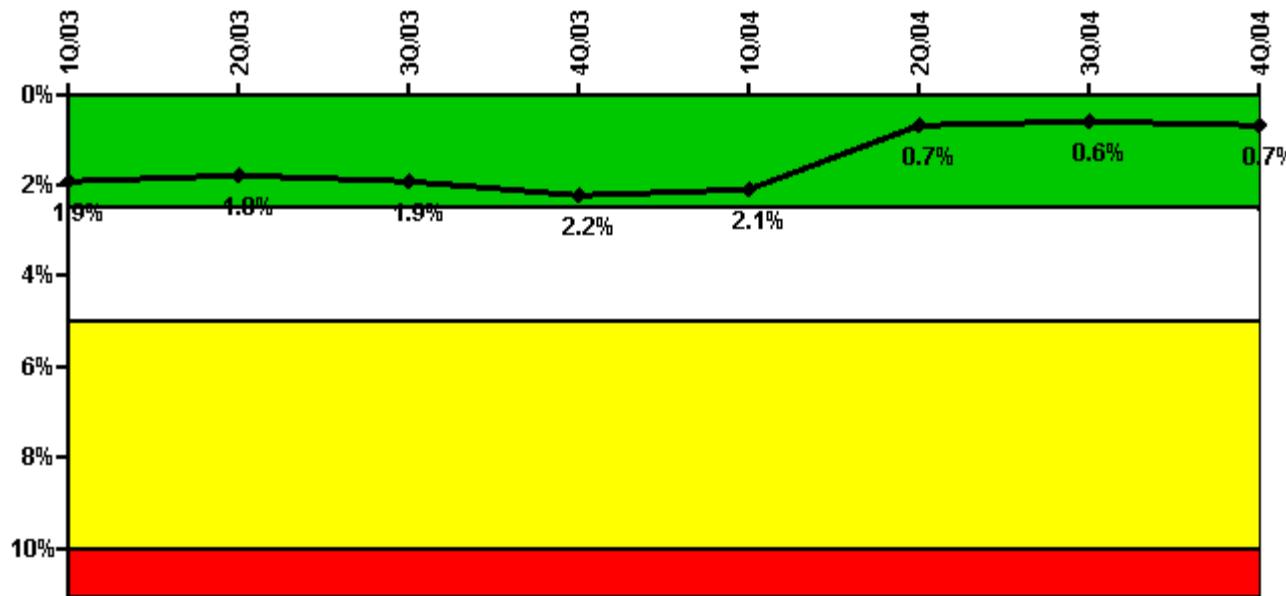
Thresholds: White > 6.0

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	0	1.0	0	0	0
Critical hours	2160.0	2183.0	2208.0	2209.0	1937.1	1633.3	1847.3	2166.5
Indicator value	0	0	0	0	0.8	0.9	0.9	0.9

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



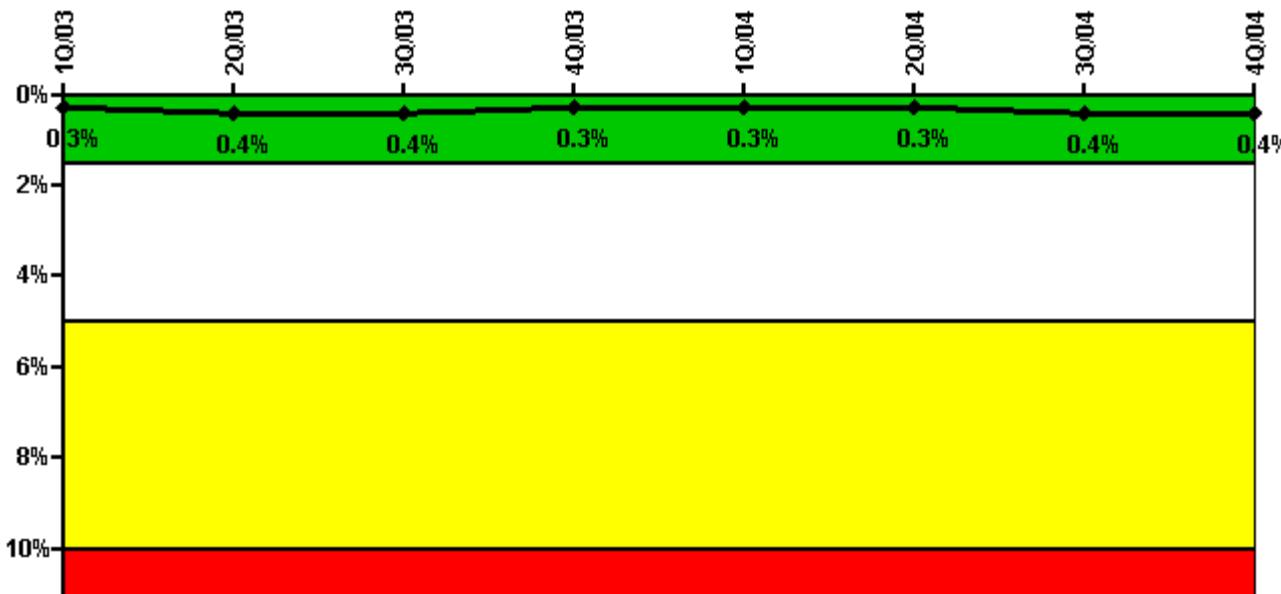
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours	4.90	6.60	10.70	6.51	6.70	7.00	5.90	7.00
Unplanned unavailable hours	0	0	10.20	123.80	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	2068.60	1975.20	2208.00	2209.00
Train 2								
Planned unavailable hours	5.40	5.80	4.20	6.28	6.30	6.50	8.60	9.80
Unplanned unavailable hours	4.90	0	17.10	14.71	0	0	2.00	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	2160.00	2183.00	2208.00	2209.00	2068.60	1975.20	2208.00	2209.00
Indicator value	1.9%	1.8%	1.9%	2.2%	2.1%	0.7%	0.6%	0.7%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



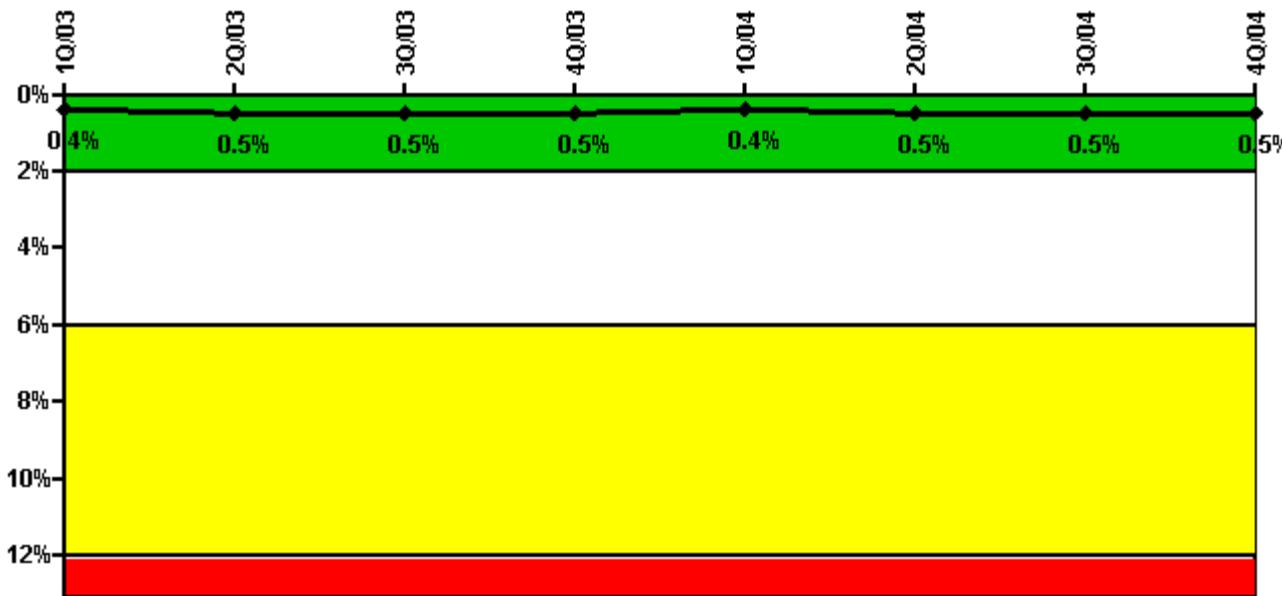
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours	6.10	40.50	0.50	1.60	1.30	14.20	0	24.00
Unplanned unavailable hours	0	0	0	0	0	0	0	18.90
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	1951.80	1767.50	2069.10	2209.00
Train 2								
Planned unavailable hours	0.80	0.90	0.70	0.30	0	14.50	28.90	1.30
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	2160.00	2183.00	2208.00	2209.00	1951.80	1767.50	2069.10	2209.00
Indicator value	0.3%	0.4%	0.4%	0.3%	0.3%	0.3%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



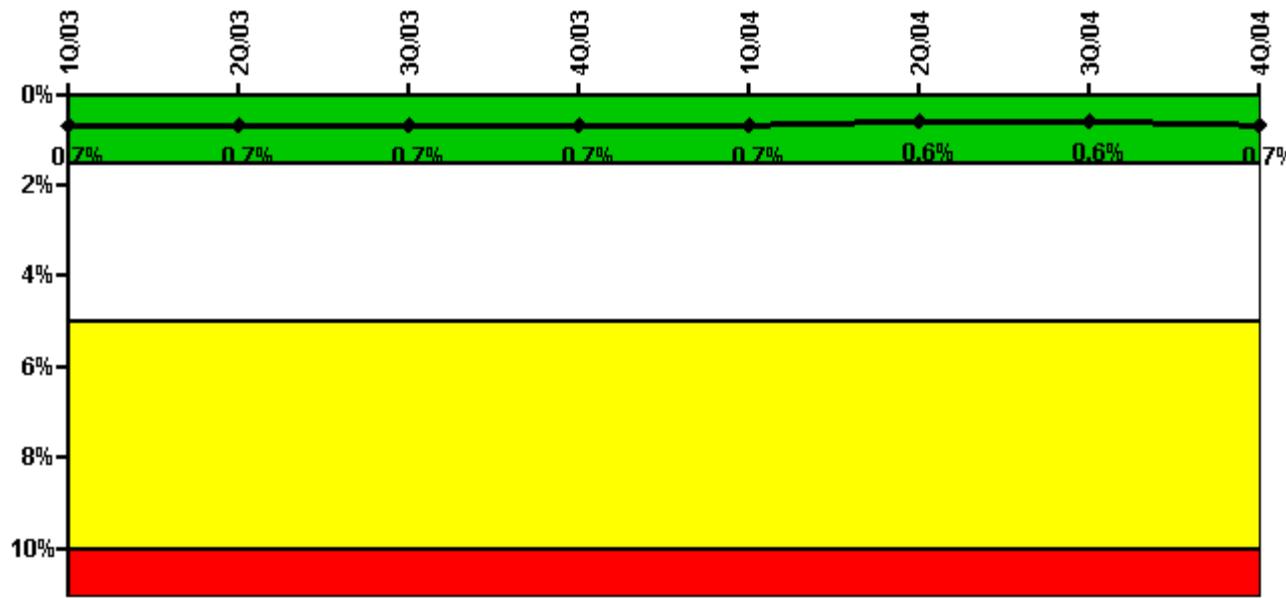
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours	1.70	2.80	3.60	3.50	1.20	9.80	0	11.90
Unplanned unavailable hours	0	0	0	0	0	0	0	13.70
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	1937.00	1609.00	1969.00	2209.00
Train 2								
Planned unavailable hours	2.30	3.50	2.20	2.30	1.60	0	13.90	6.20
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	1937.00	1609.00	1969.00	2209.00
Train 3								
Planned unavailable hours	8.30	5.50	4.90	13.80	8.10	25.50	4.10	13.90
Unplanned unavailable hours	47.20	0	0	0	0	46.60	0	0
Fault exposure hours	0	0	0	0	0	3.00	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	1937.00	1609.00	1969.00	2209.00
Indicator value	0.4%	0.5%	0.5%	0.5%	0.4%	0.5%	0.5%	0.5%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



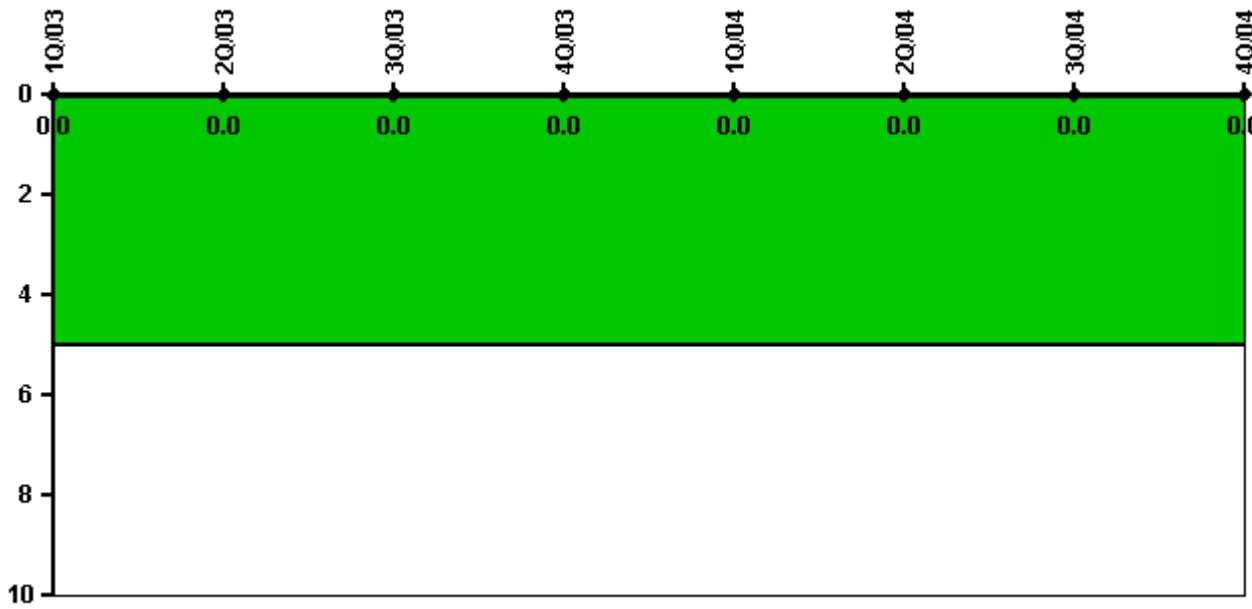
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours	4.60	2.60	66.30	3.40	44.30	2.60	1.30	52.60
Unplanned unavailable hours	0	0	65.50	6.70	0	0	0	18.90
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	1941.80	1701.70	1885.20	2209.00
Train 2								
Planned unavailable hours	2.60	2.40	54.00	2.40	10.40	16.20	68.30	22.50
Unplanned unavailable hours	0	0	0	0	9.50	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	1941.80	1701.70	1885.20	2209.00
Train 3								
Planned unavailable hours	0	0	0	0	0	0	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	0	0	0	0	236.30	288.70	241.00	0
Train 4								
Planned unavailable hours	0	0	0	0	0	0	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	0	0	0	0	236.30	288.70	241.00	0
Indicator value	0.7%	0.7%	0.7%	0.7%	0.7%	0.6%	0.6%	0.7%

Licensee Comments: none

Safety System Functional Failures (PWR)



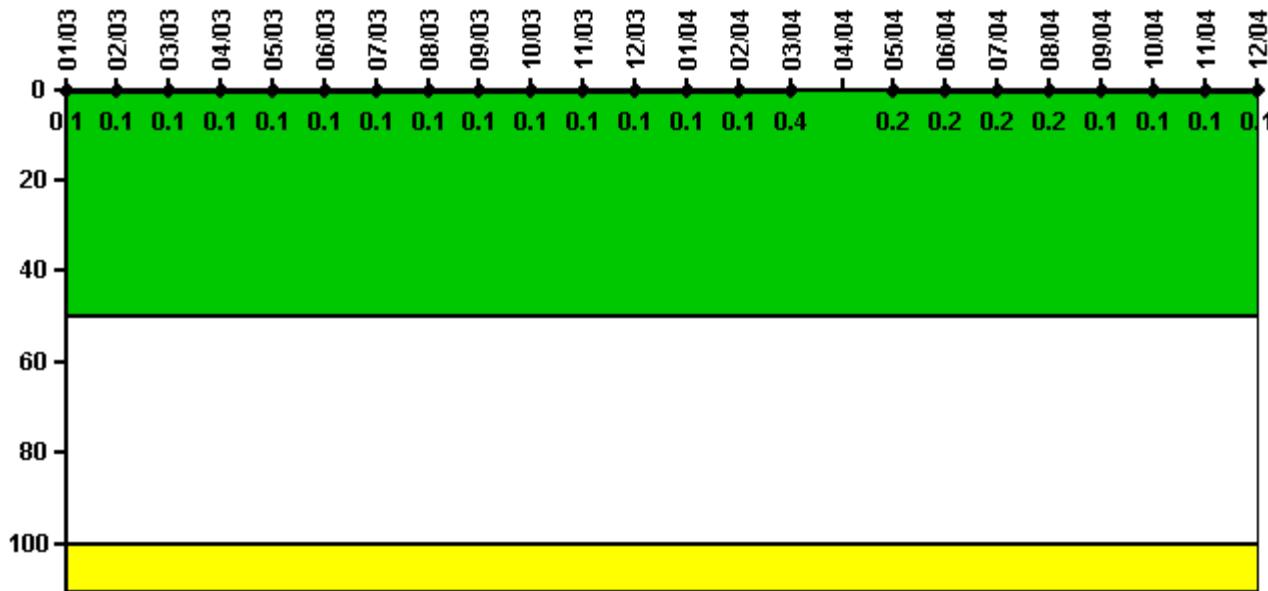
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
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



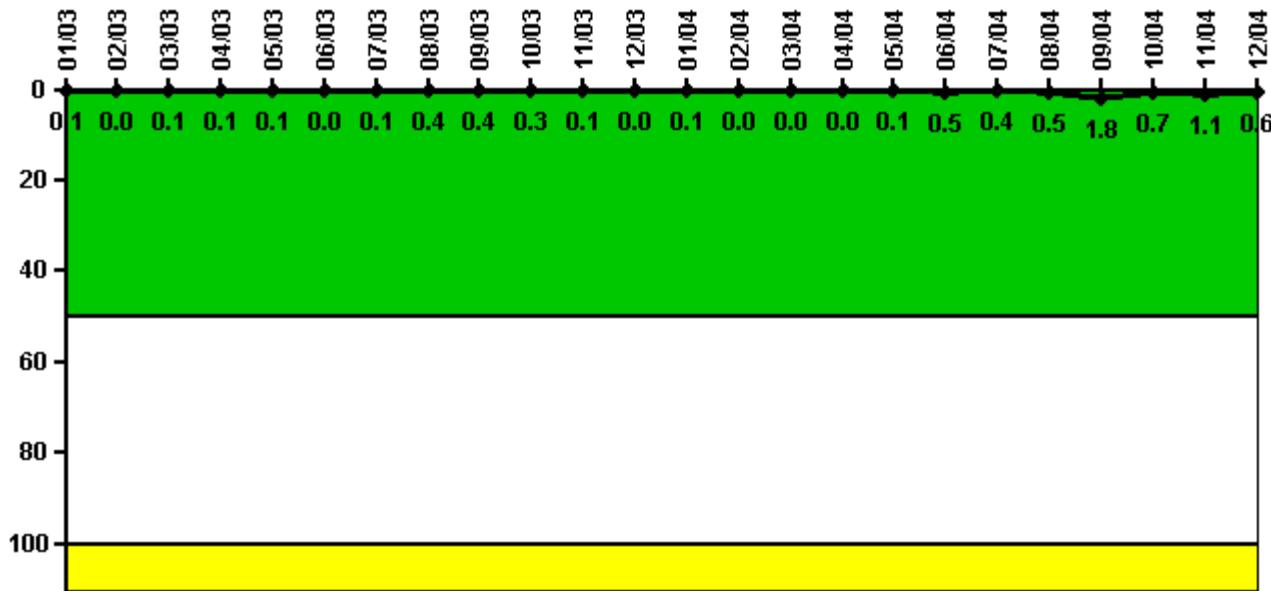
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	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	0.001130	0.001060	0.000976	0.001280	0.000991	0.001050	0.001000	0.001060	0.001090	0.001170	0.001050	0.001200
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1											
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	0.001260	0.001390	0.004400	N/A	0.001930	0.002130	0.002150	0.001860	0.000903	0.000648	0.000634	0.001050
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.4	N/A	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



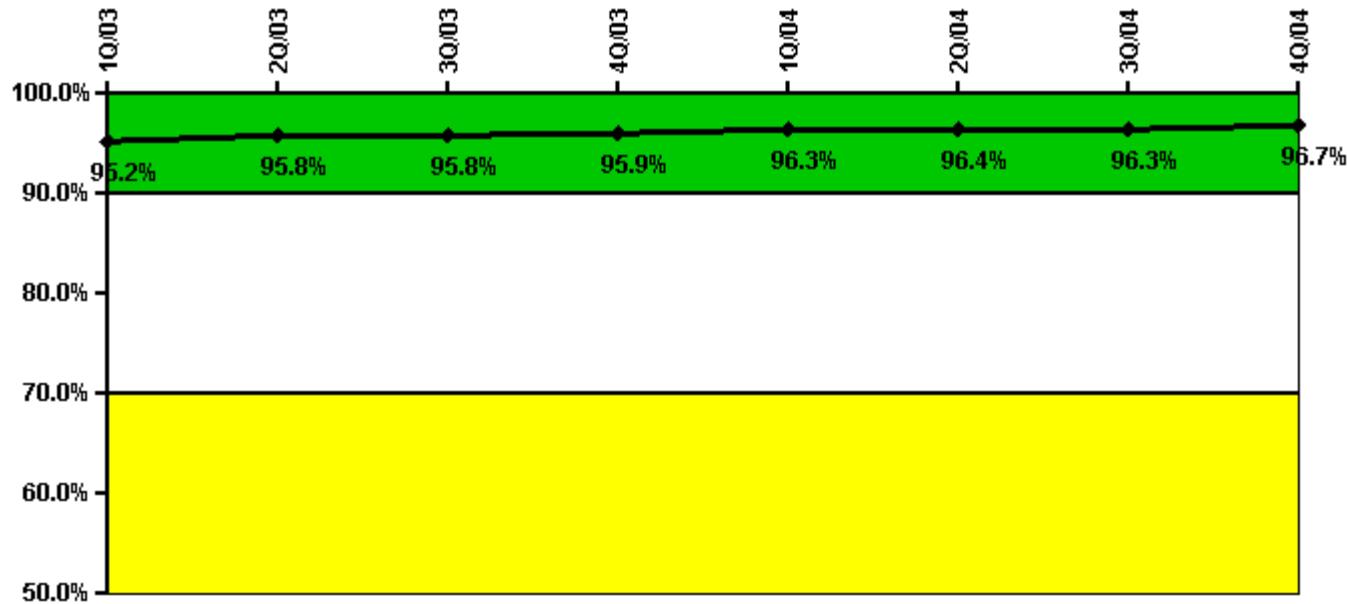
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03
Maximum leakage	0.009	0.004	0.011	0.013	0.009	0.004	0.005	0.044	0.036	0.027	0.013	0
Indicator value	0.1	0	0.1	0.1	0.1	0	0.1	0.4	0.4	0.3	0.1	0
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	0.010	0	0	0	0.010	0.050	0.040	0.054	0.180	0.070	0.110	0.060
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0	0	0	0.1	0.5	0.4	0.5	1.8	0.7	1.1	0.6

Licensee Comments: none

Drill/Exercise Performance



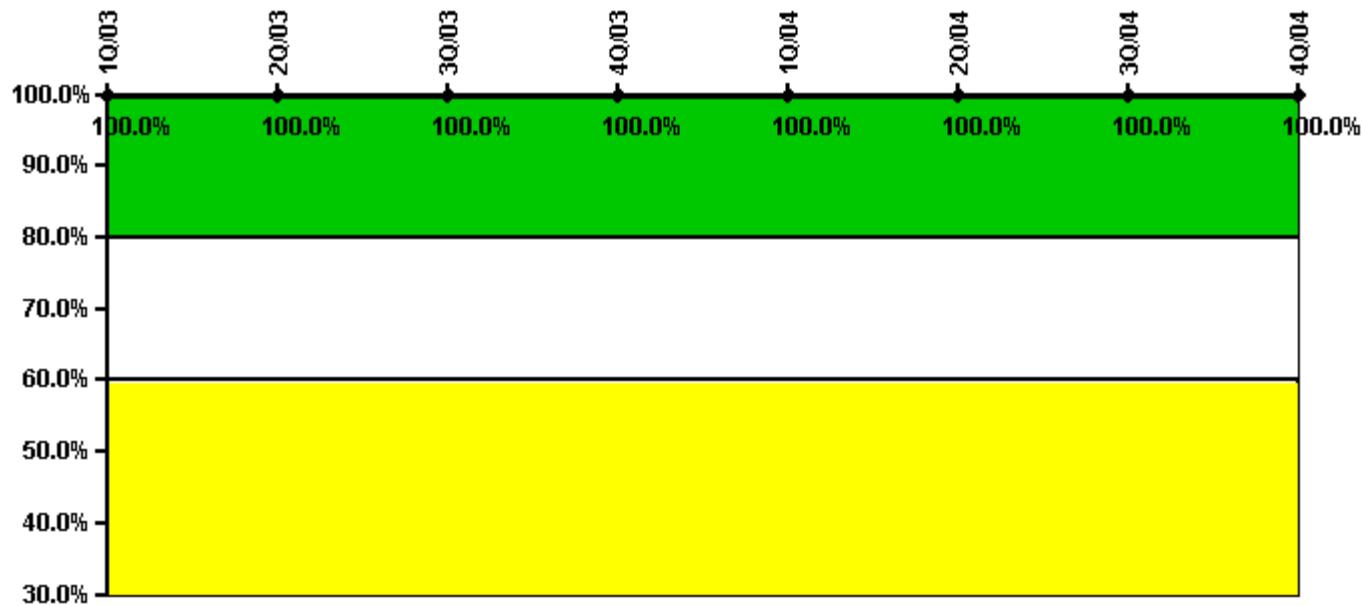
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Successful opportunities	87.0	48.0	80.0	67.0	50.0	47.0	60.0	28.0
Total opportunities	89.0	50.0	83.0	70.0	51.0	49.0	63.0	28.0
Indicator value	95.2%	95.8%	95.8%	95.9%	96.3%	96.4%	96.3%	96.7%

Licensee Comments: none

ERO Drill Participation



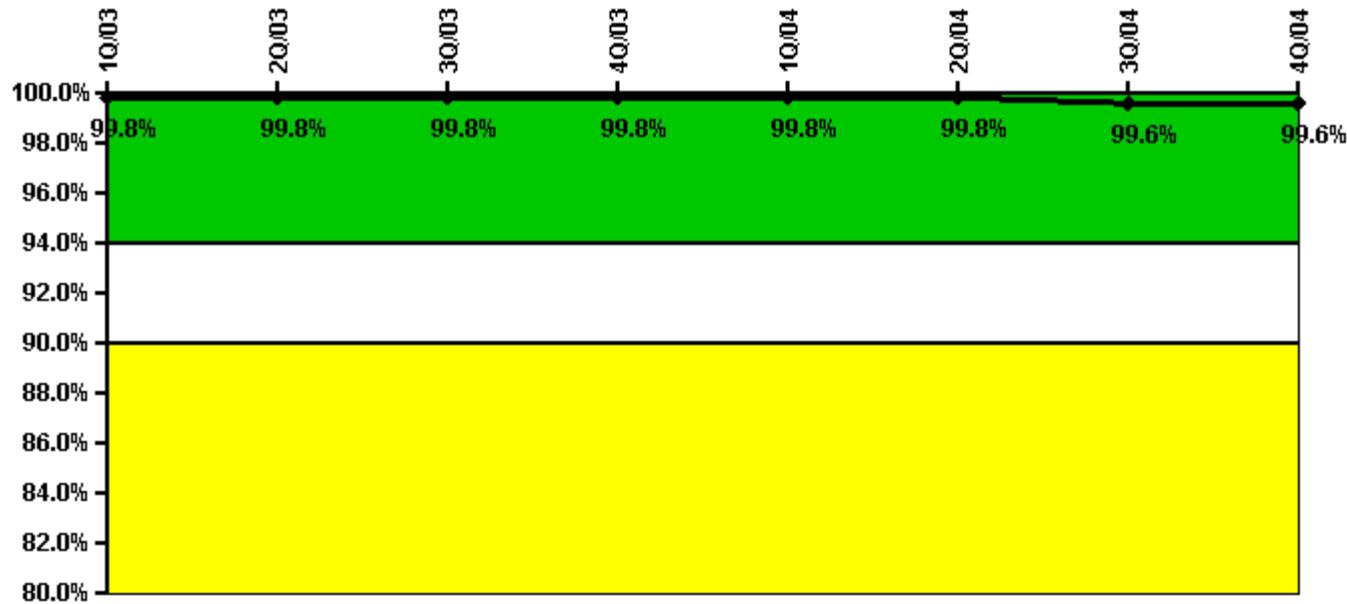
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Participating Key personnel	82.0	84.0	81.0	74.0	77.0	85.0	86.0	86.0
Total Key personnel	82.0	84.0	81.0	74.0	77.0	85.0	86.0	86.0
Indicator value	100.0%							

Licensee Comments: none

Alert & Notification System

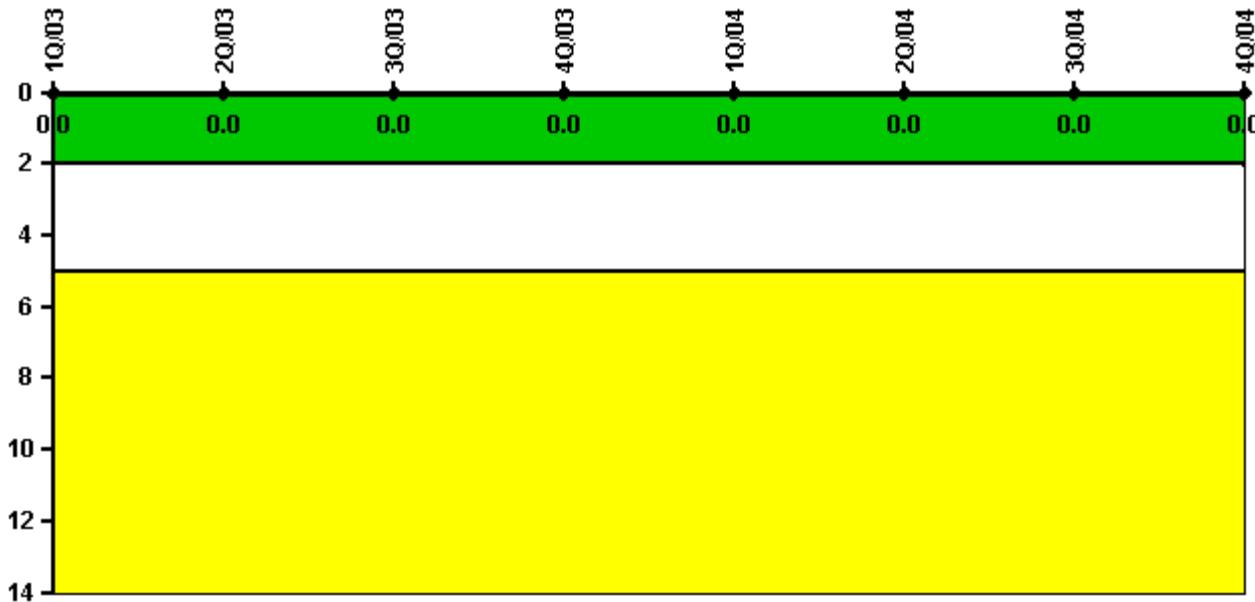


Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Successful siren-tests	709	533	710	533	712	622	616	621
Total sirens-tests	711	534	712	534	712	623	623	623
Indicator value	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.6%	99.6%

Licensee Comments: none

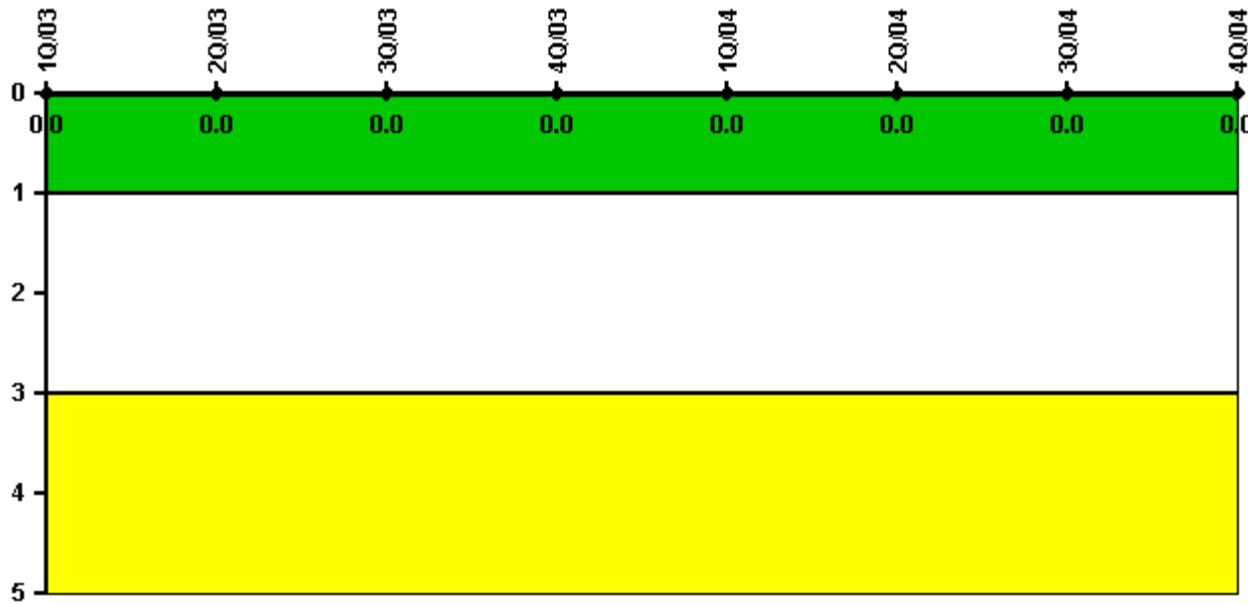
Occupational Exposure Control Effectiveness

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	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							

Licensee Comments: none

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

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

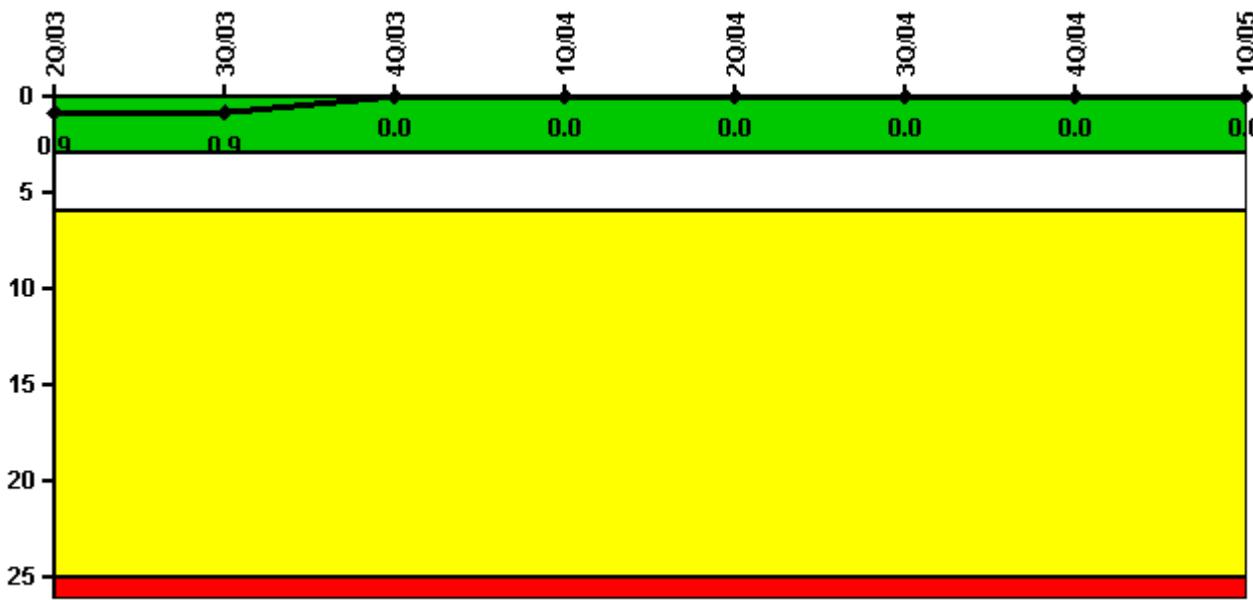


[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: March 9, 2005

Saint Lucie 1**1Q/2005 Performance Indicators**

Licensee's General Comments: none

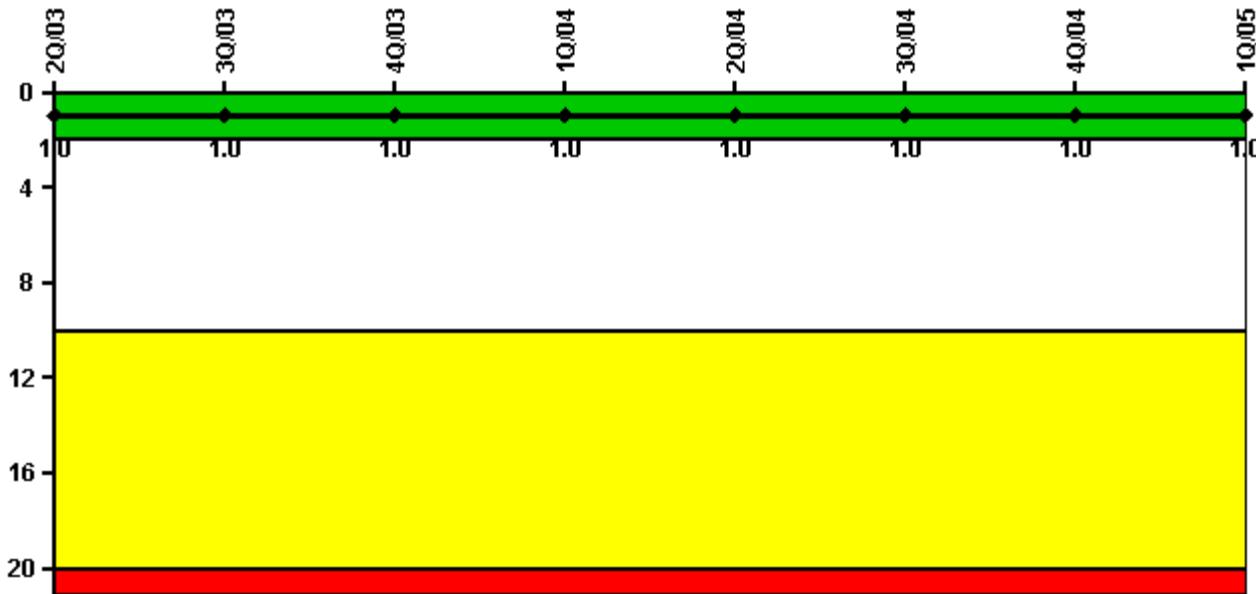
Unplanned Scrams per 7000 Critical Hrs

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2183.0	2208.0	2209.0	1937.1	1633.3	1847.3	2166.5	2160.0
Indicator value	0.9	0.9	0	0	0	0	0	0

Licensee Comments: none

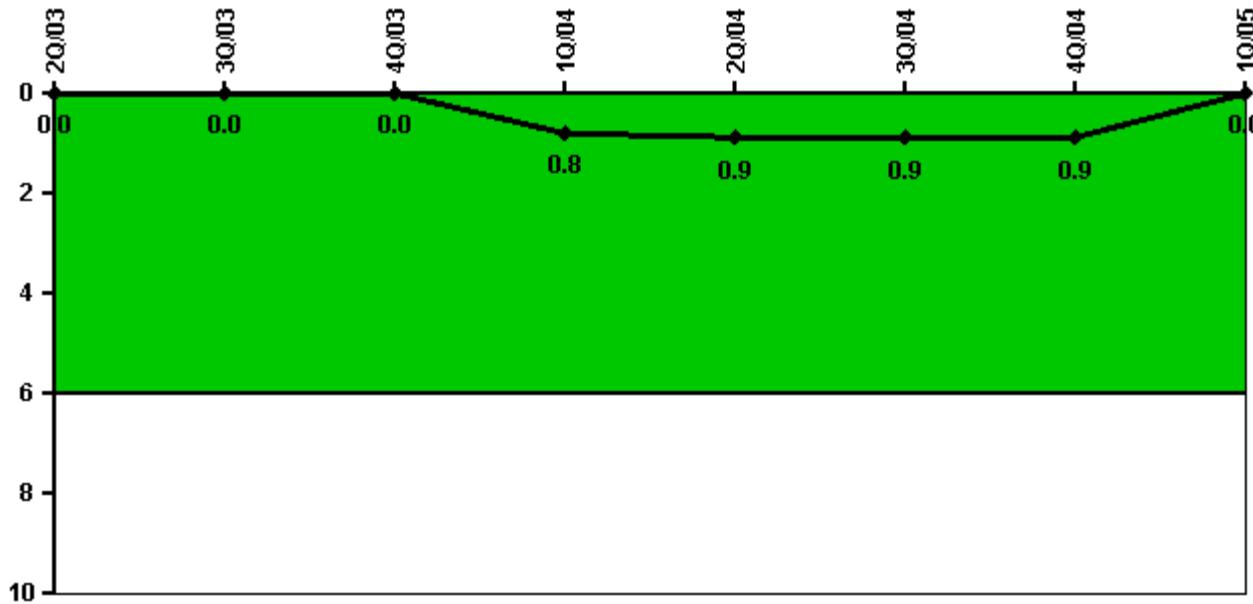
Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	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	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

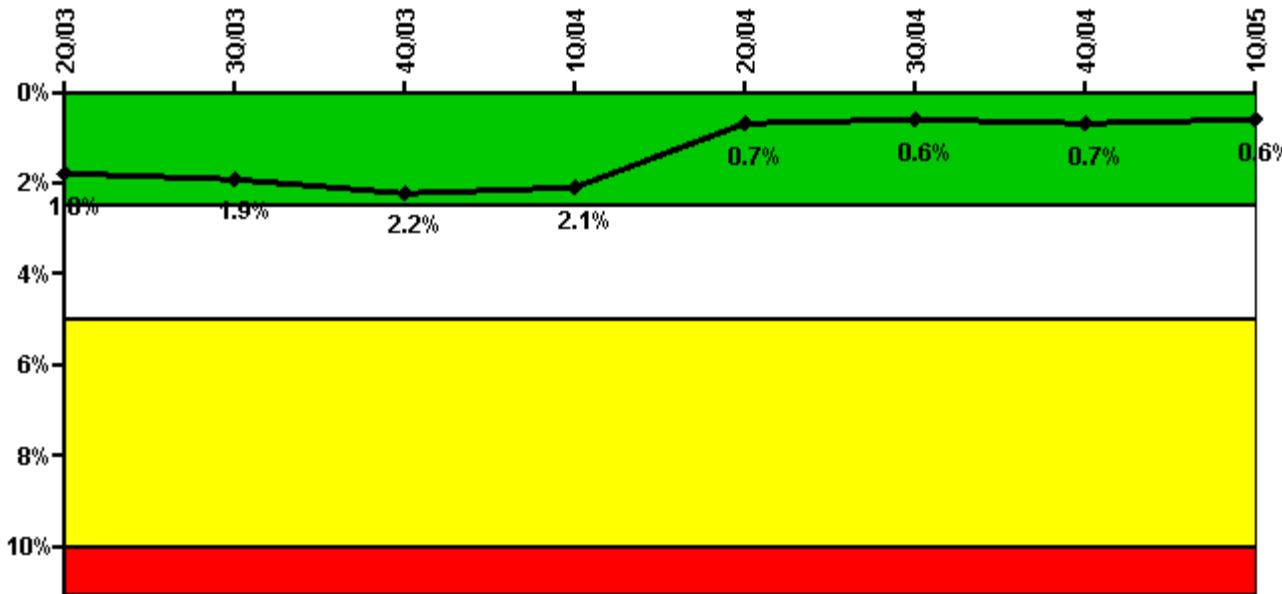
Thresholds: White > 6.0

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	0	1.0	0	0	0	0
Critical hours	2183.0	2208.0	2209.0	1937.1	1633.3	1847.3	2166.5	2160.0
Indicator value	0	0	0	0.8	0.9	0.9	0.9	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



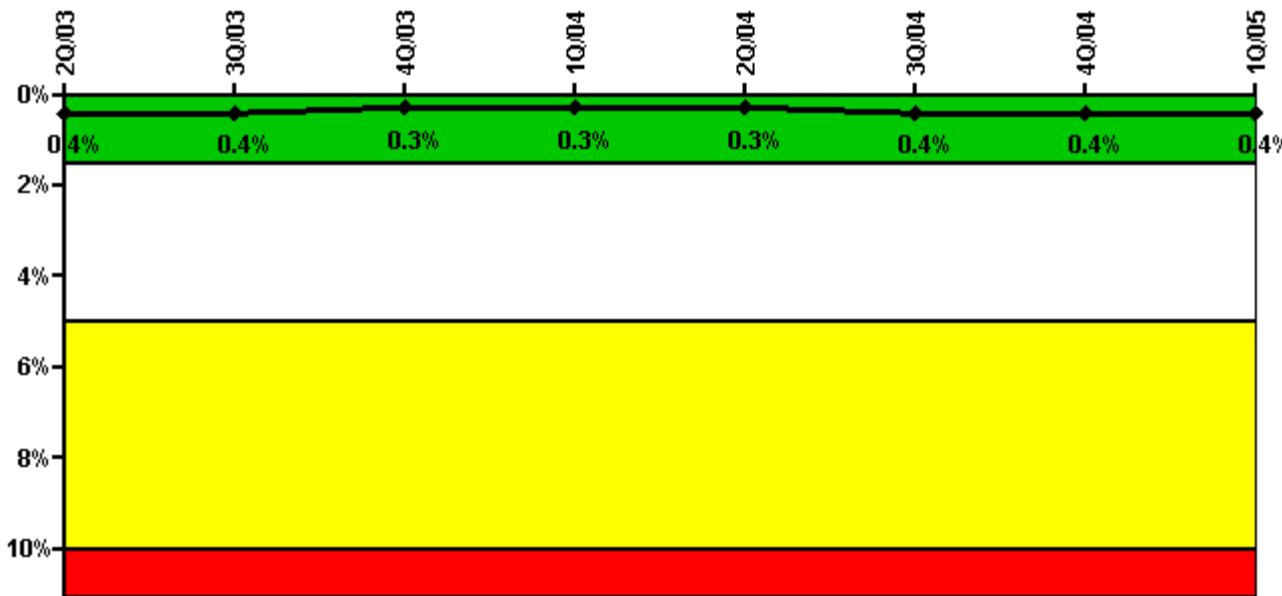
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	6.60	10.70	6.51	6.70	7.00	5.90	7.00	3.90
Unplanned unavailable hours	0	10.20	123.80	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	2068.60	1975.20	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	5.80	4.20	6.28	6.30	6.50	8.60	9.80	4.20
Unplanned unavailable hours	0	17.10	14.71	0	0	2.00	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	2068.60	1975.20	2208.00	2209.00	2160.00
Indicator value	1.8%	1.9%	2.2%	2.1%	0.7%	0.6%	0.7%	0.6%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



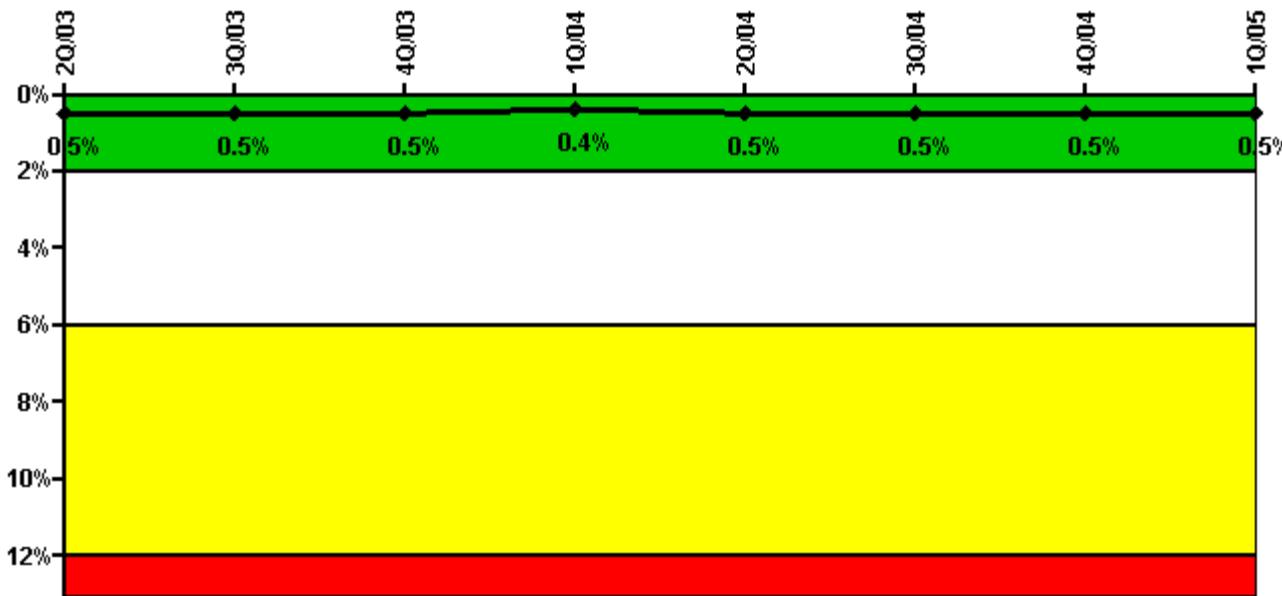
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	40.50	0.50	1.60	1.30	14.20	0	24.00	1.40
Unplanned unavailable hours	0	0	0	0	0	0	18.90	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	1951.80	1767.50	2069.10	2209.00	2160.00
Train 2								
Planned unavailable hours	0.90	0.70	0.30	0	14.50	28.90	1.30	0.50
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	2183.00	2208.00	2209.00	1951.80	1767.50	2069.10	2209.00	2160.00
Indicator value	0.4%	0.4%	0.3%	0.3%	0.3%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



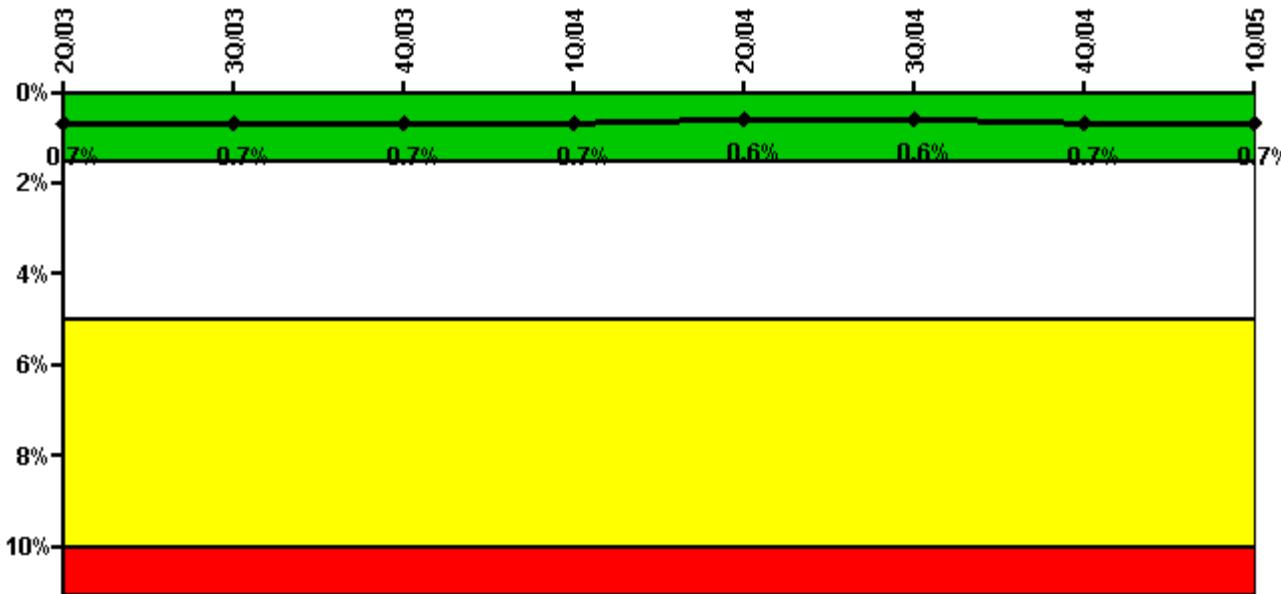
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	2.80	3.60	3.50	1.20	9.80	0	11.90	2.70
Unplanned unavailable hours	0	0	0	0	0	0	13.70	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	1937.00	1609.00	1969.00	2209.00	2160.00
Train 2								
Planned unavailable hours	3.50	2.20	2.30	1.60	0	13.90	6.20	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	2209.00	1937.00	1609.00	1969.00	2209.00	2160.00
Train 3								
Planned unavailable hours	5.50	4.90	13.80	8.10	25.50	4.10	13.90	4.90
Unplanned unavailable hours	0	0	0	0	46.60	0	0	0
Fault exposure hours	0	0	0	0	3.00	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	1937.00	1609.00	1969.00	2209.00	2160.00
Indicator value	0.5%	0.5%	0.5%	0.4%	0.5%	0.5%	0.5%	0.5%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



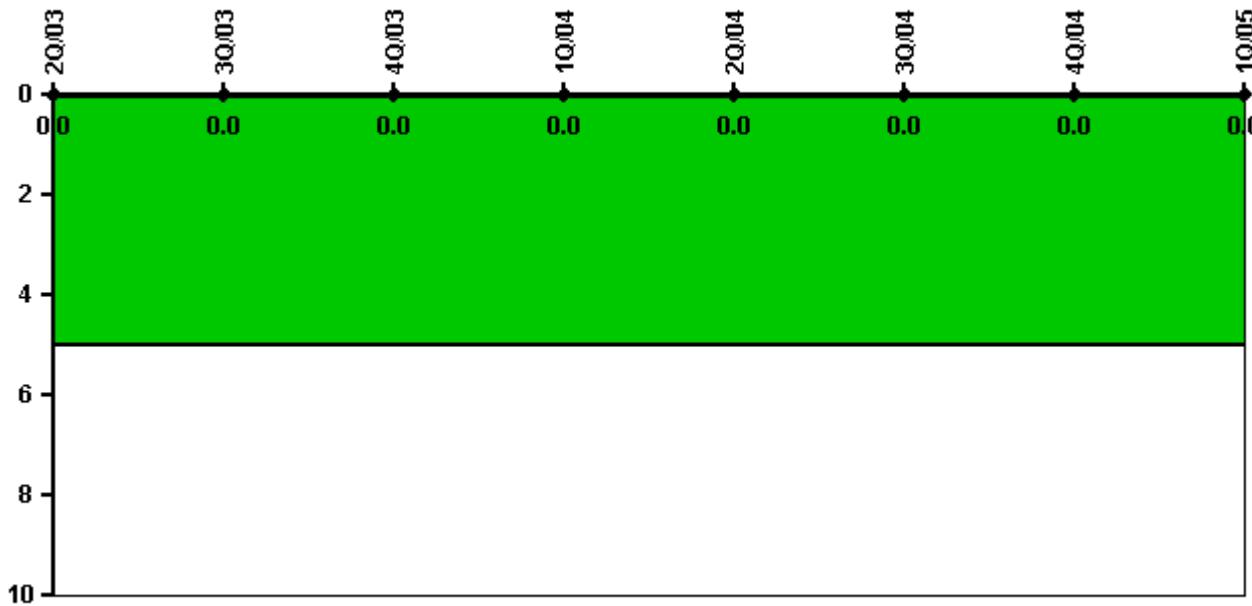
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	2.60	66.30	3.40	44.30	2.60	1.30	52.60	25.40
Unplanned unavailable hours	0	65.50	6.70	0	0	0	18.90	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	1941.80	1701.70	1885.20	2209.00	2160.00
Train 2								
Planned unavailable hours	2.40	54.00	2.40	10.40	16.20	68.30	22.50	74.80
Unplanned unavailable hours	0	0	0	9.50	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	1941.80	1701.70	1885.20	2209.00	2160.00
Train 3								
Planned unavailable hours	0	0	0	0	0	0	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	0	0	0	236.30	288.70	241.00	0	0
Train 4								
Planned unavailable hours	0	0	0	0	0	0	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	0	0	0	236.30	288.70	241.00	0	0
Indicator value	0.7%	0.7%	0.7%	0.7%	0.6%	0.6%	0.7%	0.7%

Licensee Comments: none

Safety System Functional Failures (PWR)



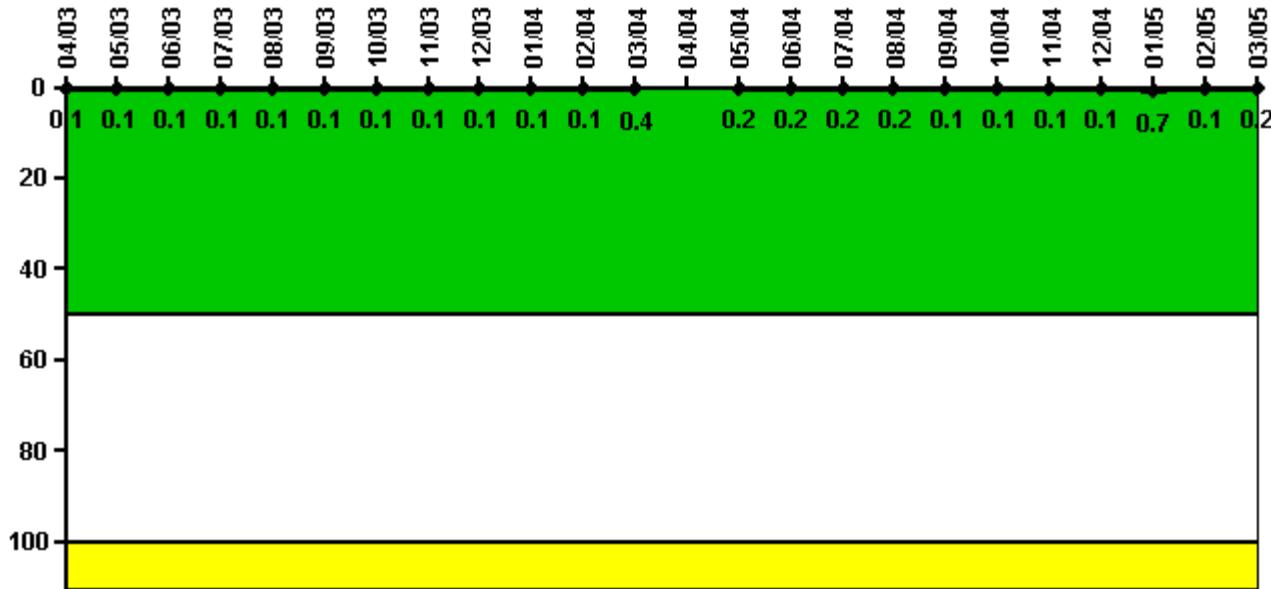
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
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



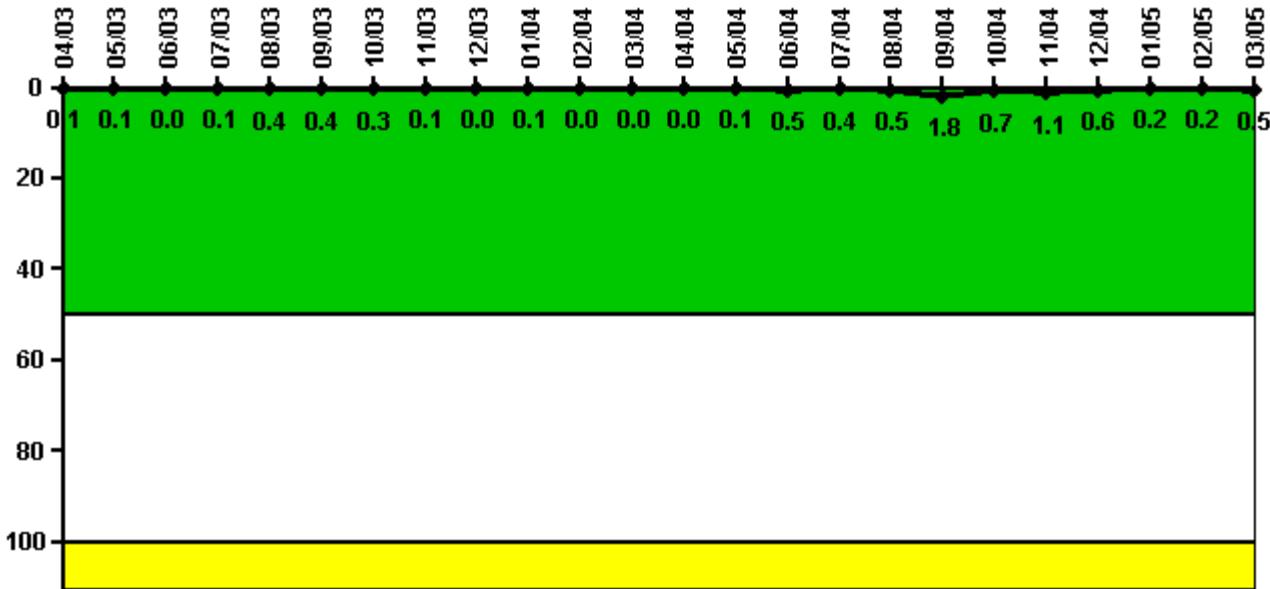
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	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	0.001280	0.000991	0.001050	0.001000	0.001060	0.001090	0.001170	0.001050	0.001200	0.001260	0.001390	0.004400
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.4										
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	N/A	0.001930	0.002130	0.002150	0.001860	0.000903	0.000648	0.000634	0.001050	0.006540	0.000655	0.002160
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	N/A	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.7	0.2

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

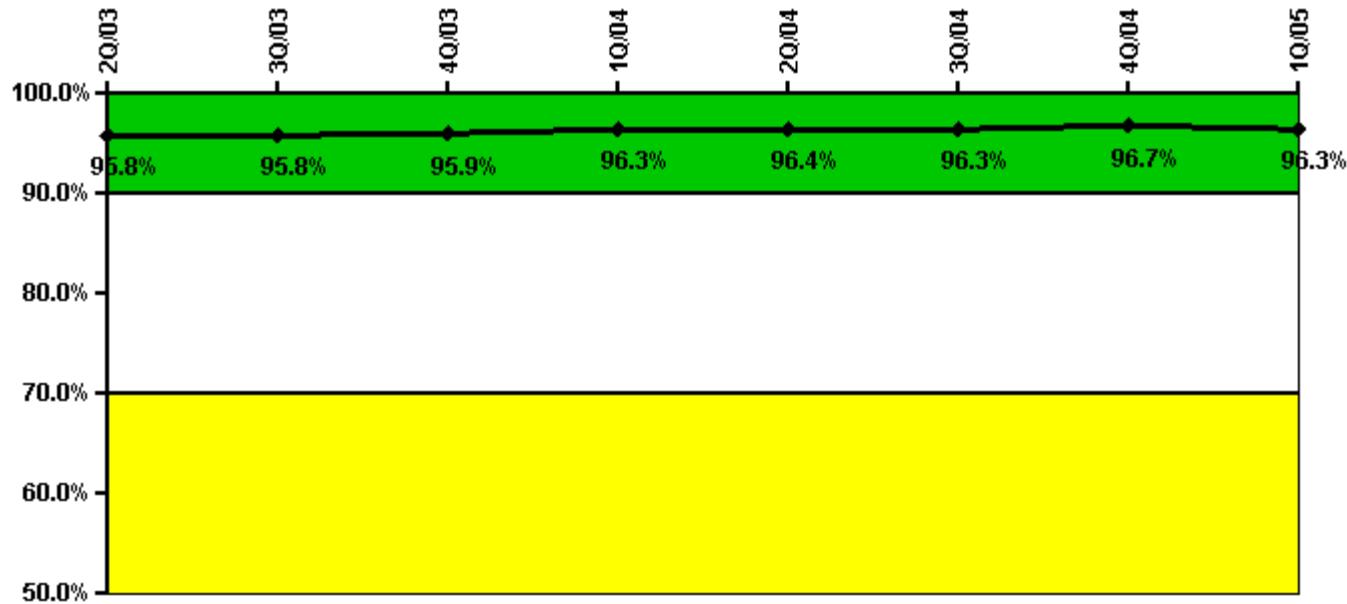
Notes

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	0.013	0.009	0.004	0.005	0.044	0.036	0.027	0.013	0	0.010	0	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.1	0	0.1	0.4	0.4	0.3	0.1	0	0.1	0	0

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	0	0.010	0.050	0.040	0.054	0.180	0.070	0.110	0.060	0.020	0.020	0.050
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0.1	0.5	0.4	0.5	1.8	0.7	1.1	0.6	0.2	0.2	0.5

Licensee Comments: none

Drill/Exercise Performance



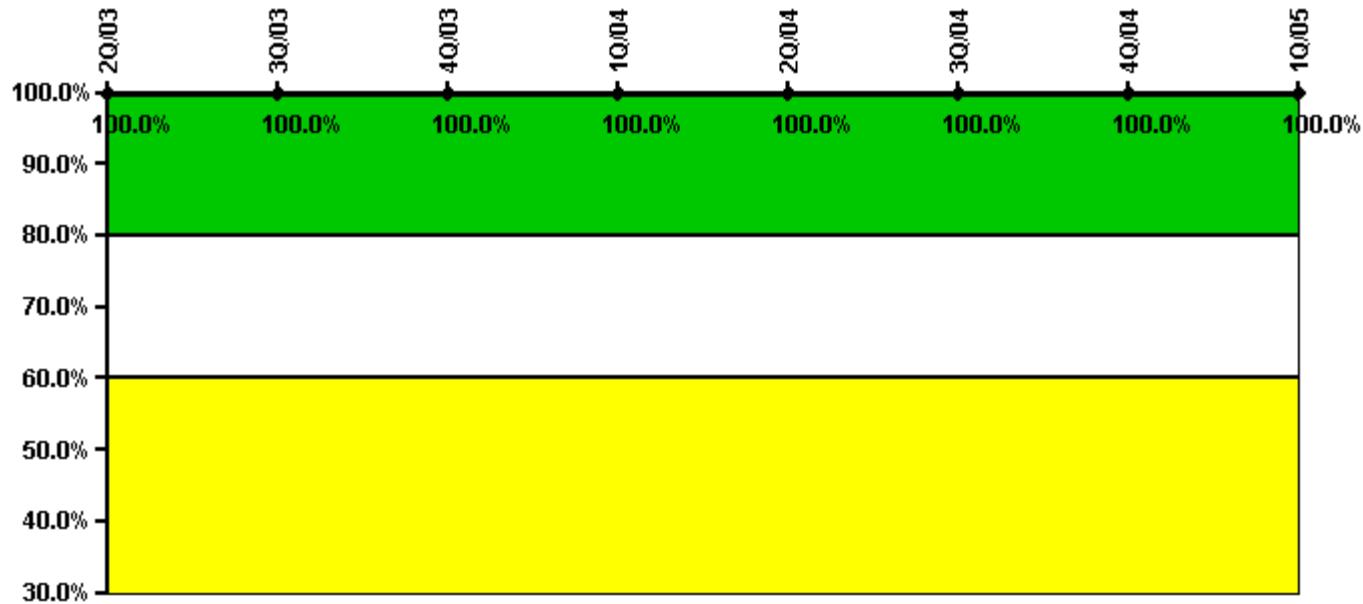
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Successful opportunities	48.0	80.0	67.0	50.0	47.0	60.0	28.0	39.0
Total opportunities	50.0	83.0	70.0	51.0	49.0	63.0	28.0	41.0
Indicator value	95.8%	95.8%	95.9%	96.3%	96.4%	96.3%	96.7%	96.3%

Licensee Comments: none

ERO Drill Participation



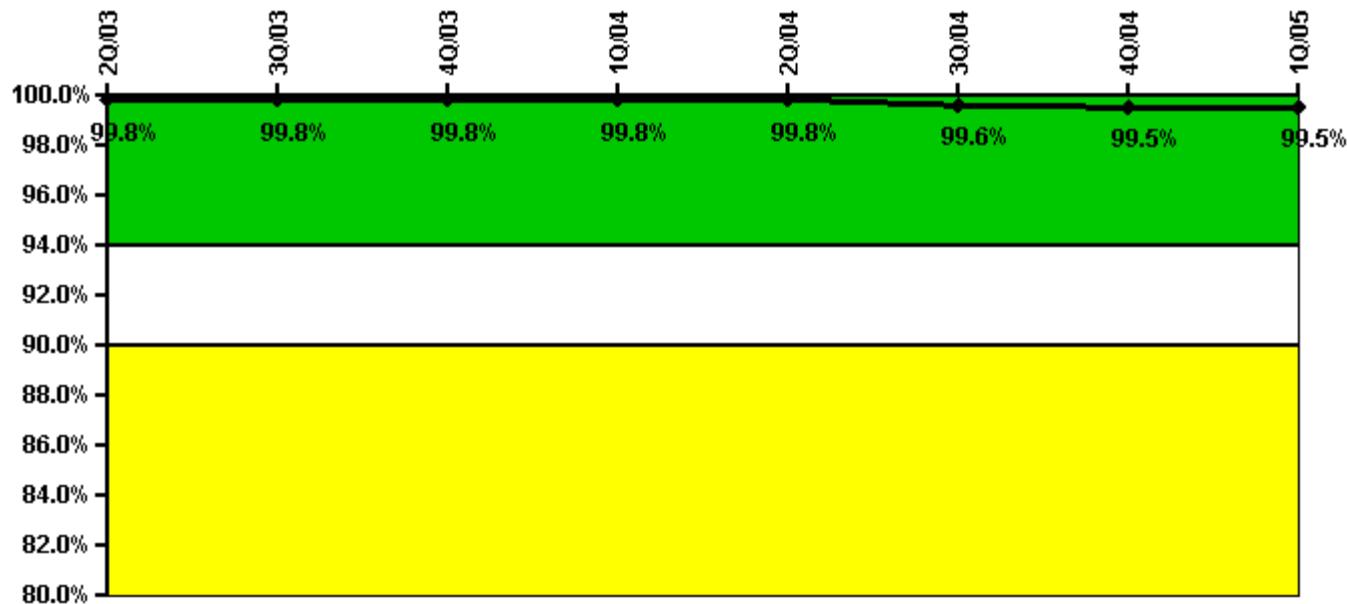
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Participating Key personnel	84.0	81.0	74.0	77.0	85.0	86.0	86.0	89.0
Total Key personnel	84.0	81.0	74.0	77.0	85.0	86.0	86.0	89.0
Indicator value	100.0%							

Licensee Comments: none

Alert & Notification System



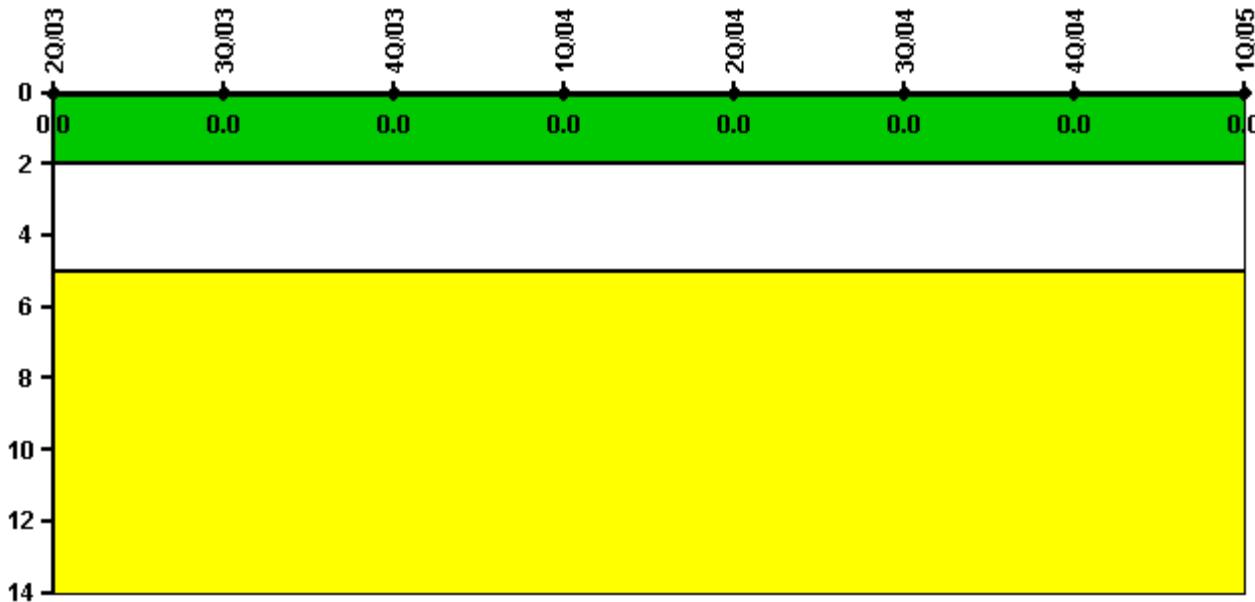
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Successful siren-tests	533	710	533	712	622	614	621	712
Total sirens-tests	534	712	534	712	623	623	623	712
Indicator value	99.8%	99.8%	99.8%	99.8%	99.8%	99.6%	99.5%	99.5%

Licensee Comments:

3Q/04: Minor correction made to the September value for successful siren tests. The value decreased from 172 to 170.

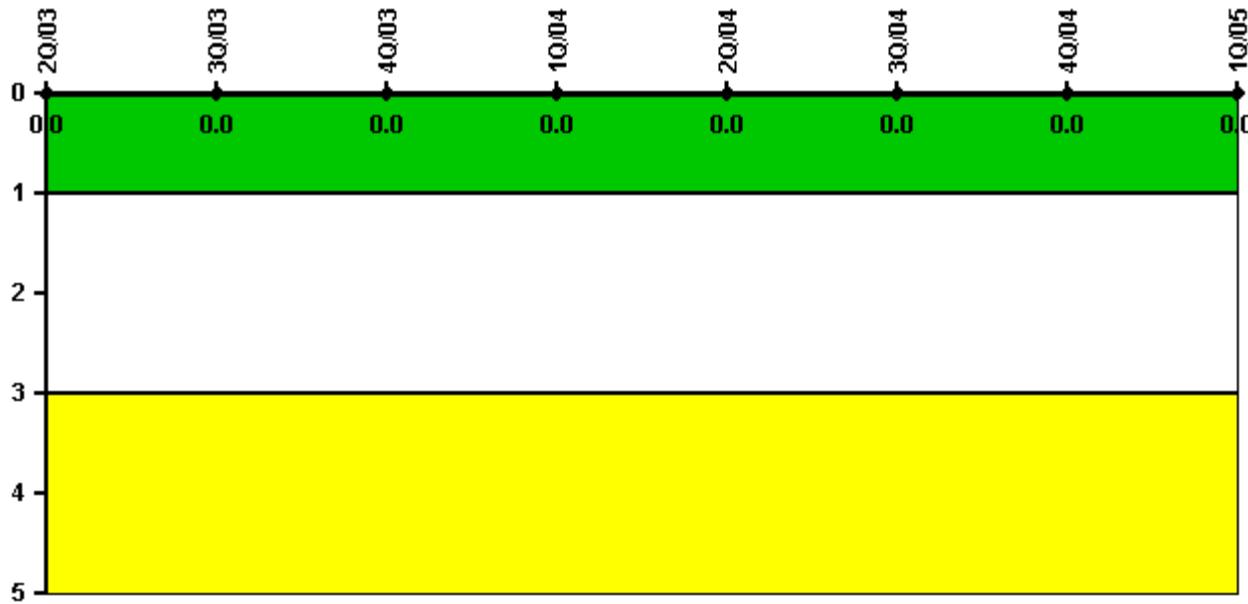
Occupational Exposure Control Effectiveness

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
Indicator value	0							

Licensee Comments: none

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	0	0	0	0	0	0	0	0

Licensee Comments: none

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

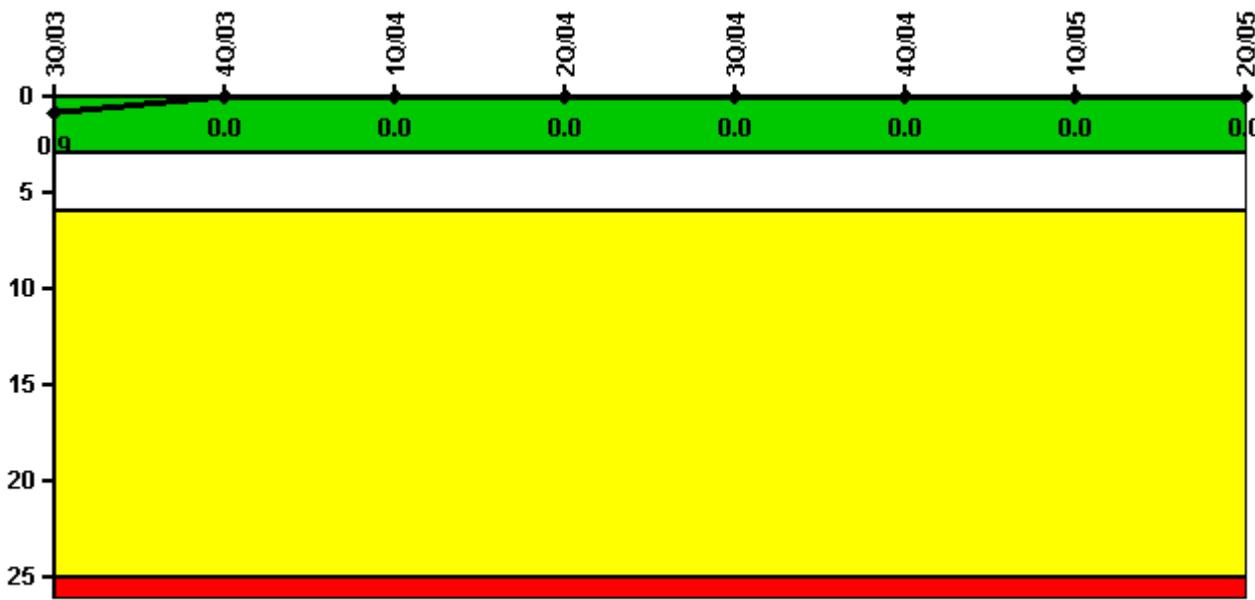


[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: June 17, 2005

Saint Lucie 1**2Q/2005 Performance Indicators**

Licensee's General Comments: none

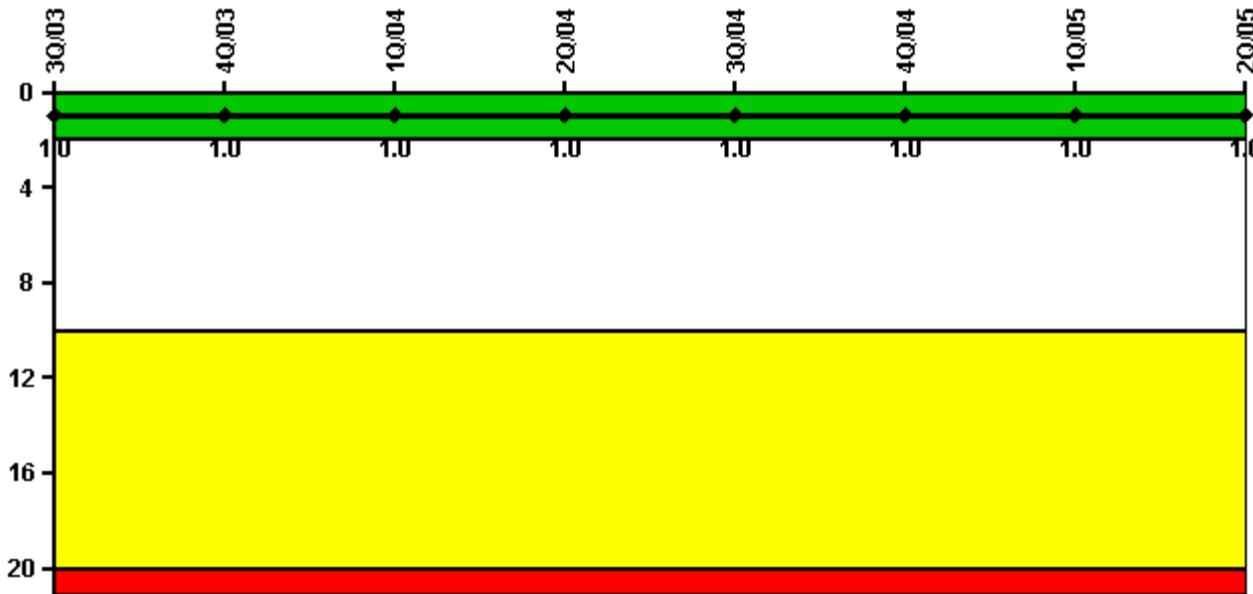
Unplanned Scrams per 7000 Critical Hrs

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2208.0	2209.0	1937.1	1633.3	1847.3	2166.5	2160.0	2183.0
Indicator value	0.9	0	0	0	0	0	0	0

Licensee Comments: none

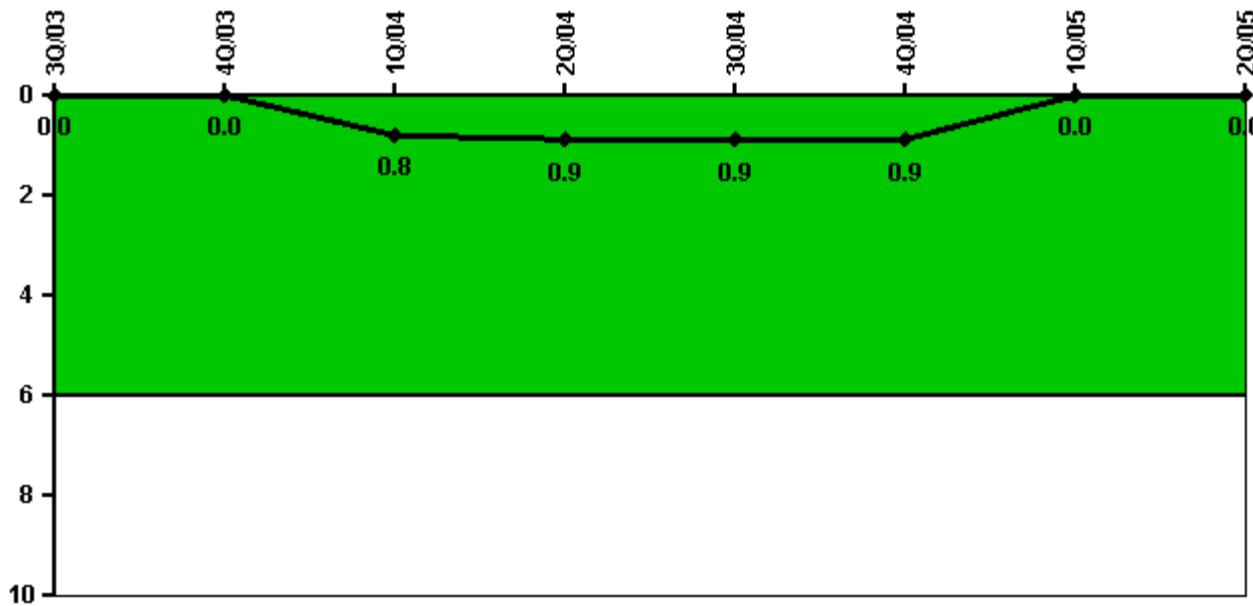
Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	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	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

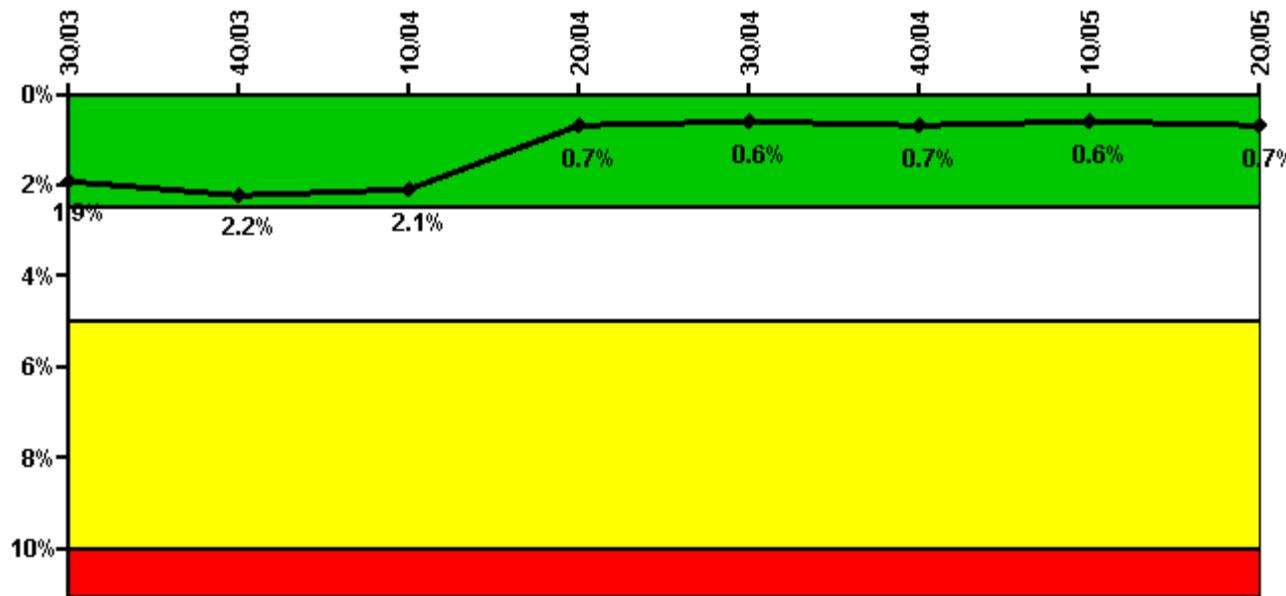
Thresholds: White > 6.0

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	0	1.0	0	0	0	0	0
Critical hours	2208.0	2209.0	1937.1	1633.3	1847.3	2166.5	2160.0	2183.0
Indicator value	0	0	0.8	0.9	0.9	0.9	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



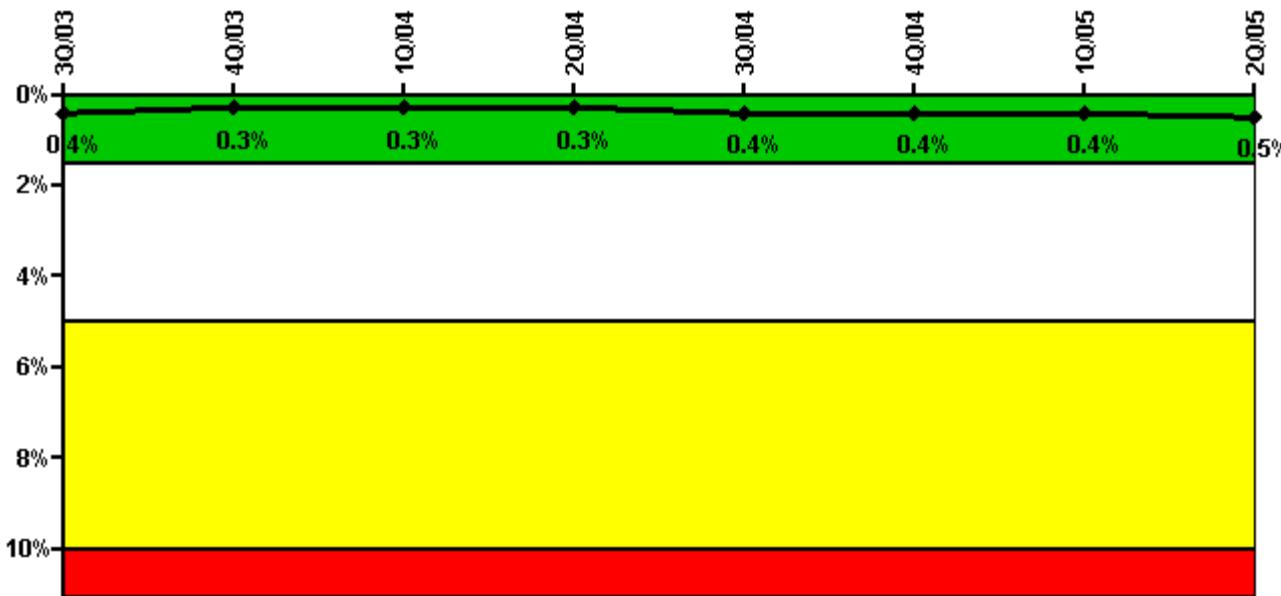
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	10.70	6.51	6.70	7.00	5.90	7.00	3.90	12.40
Unplanned unavailable hours	10.20	123.80	0	0	0	0	0	0.02
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	2068.60	1975.20	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	4.20	6.28	6.30	6.50	8.60	9.80	4.20	7.70
Unplanned unavailable hours	17.10	14.71	0	0	2.00	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	2208.00	2209.00	2068.60	1975.20	2208.00	2209.00	2160.00	2183.00
Indicator value	1.9%	2.2%	2.1%	0.7%	0.6%	0.7%	0.6%	0.7%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



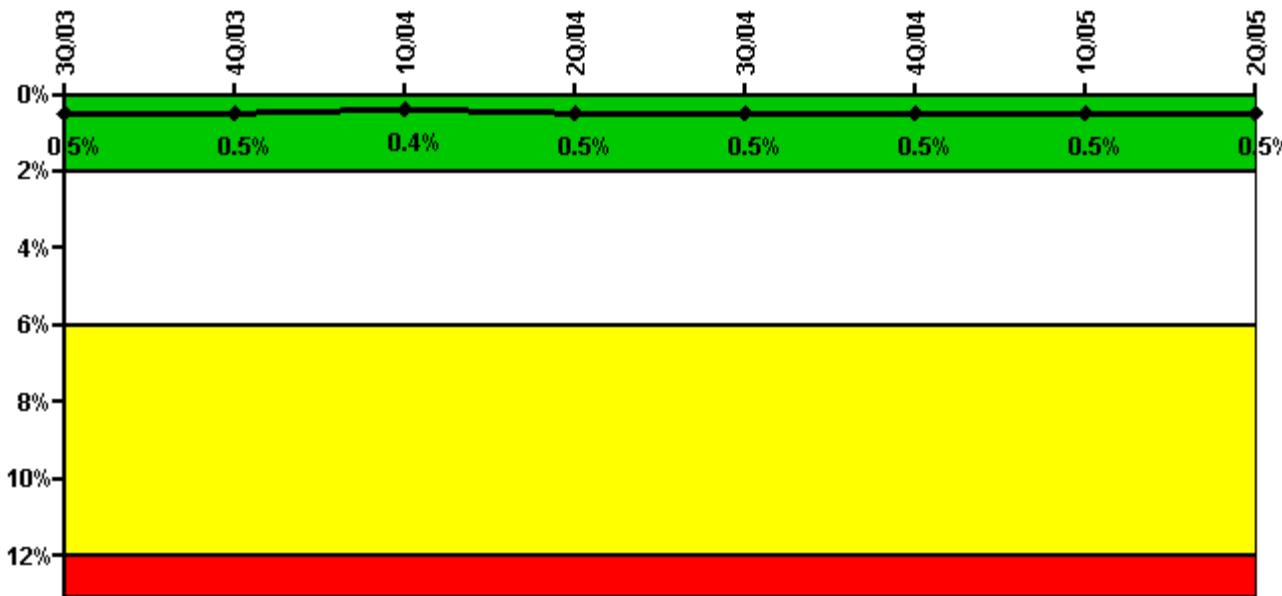
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	0.50	1.60	1.30	14.20	0	24.00	1.40	11.30
Unplanned unavailable hours	0	0	0	0	0	18.90	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	1951.80	1767.50	2069.10	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	0.70	0.30	0	14.50	28.90	1.30	0.50	16.20
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	1951.80	1767.50	2069.10	2209.00	2160.00	2183.00
Indicator value	0.4%	0.3%	0.3%	0.3%	0.4%	0.4%	0.4%	0.5%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



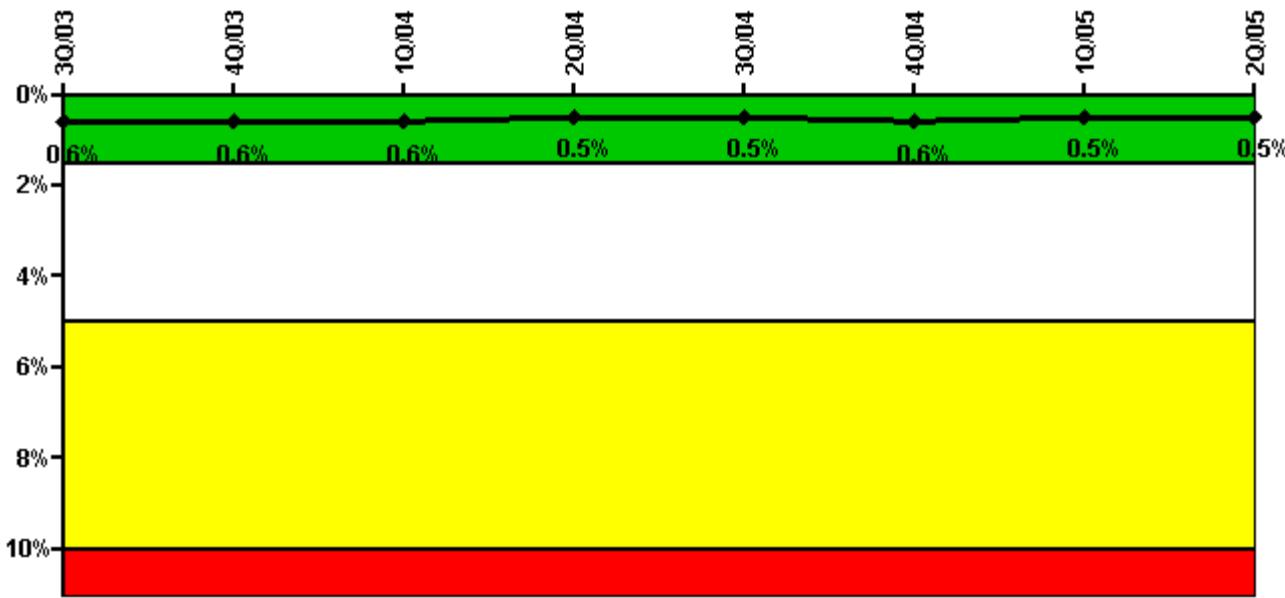
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	3.60	3.50	1.20	9.80	0	11.90	2.70	0
Unplanned unavailable hours	0	0	0	0	0	13.70	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	2208.00	2209.00	1937.00	1609.00	1969.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	2.20	2.30	1.60	0	13.90	6.20	0	3.10
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	1937.00	1609.00	1969.00	2209.00	2160.00	2183.00
Train 3								
Planned unavailable hours	4.90	13.80	8.10	25.50	4.10	13.90	4.90	3.00
Unplanned unavailable hours	0	0	0	46.60	0	0	0	0
Fault exposure hours	0	0	0	3.00	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	1937.00	1609.00	1969.00	2209.00	2160.00	2183.00
Indicator value	0.5%	0.5%	0.4%	0.5%	0.5%	0.5%	0.5%	0.5%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



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

Notes

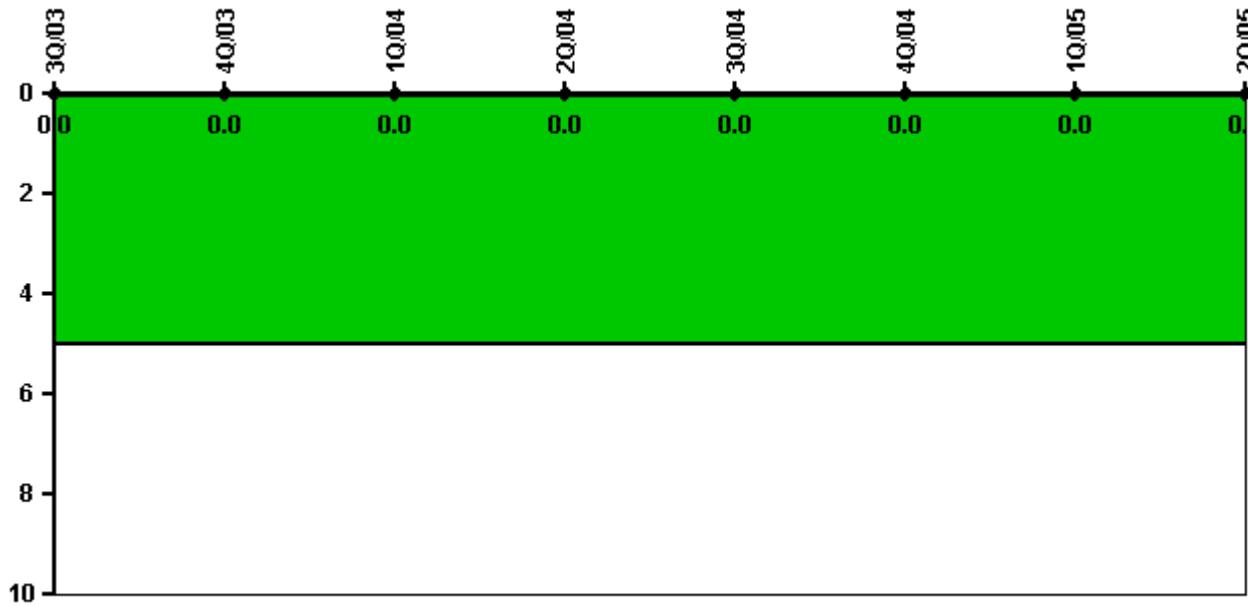
Safety System Unavailability, Residual Heat Removal System	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	7.80	3.40	44.30	2.60	1.30	52.60	25.40	2.60
Unplanned unavailable hours	65.50	6.70	0	0	0	18.90	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	1941.80	1701.70	1885.20	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	3.40	2.40	10.40	16.20	68.30	22.50	10.60	2.30
Unplanned unavailable hours	0	0	9.50	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	1941.80	1701.70	1885.20	2209.00	2160.00	2183.00
Train 3								
Planned unavailable hours	0	0	0	0	0	0	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	0	0	236.30	288.70	241.00	0	0	0
Train 4								
Planned unavailable hours	0	0	0	0	0	0	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	0	0	236.30	288.70	241.00	0	0	0
Indicator value	0.6%	0.6%	0.6%	0.5%	0.5%	0.6%	0.5%	0.5%

Licensee Comments:

1Q/05: February Planned Unavailability Hours corrected to remove support system CCW heat exchanger eddy current testing hours per FAQ 340 approved 5/2003.

3Q/03: Train 1, 350.3 hours of T/2 Fault Exposure Hours. 3Q/2003 Planned Unavailability Hours corrected to remove support system CCW heat exchanger eddy current testing hours per FAQ 340 approved 5/2003.

Safety System Functional Failures (PWR)



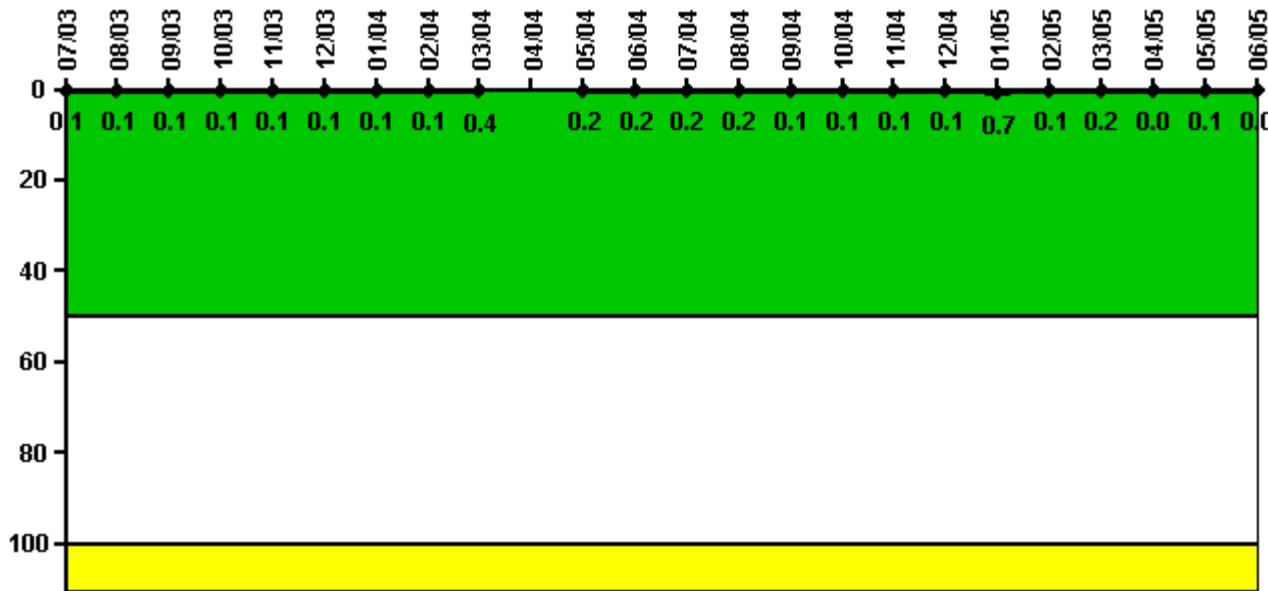
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



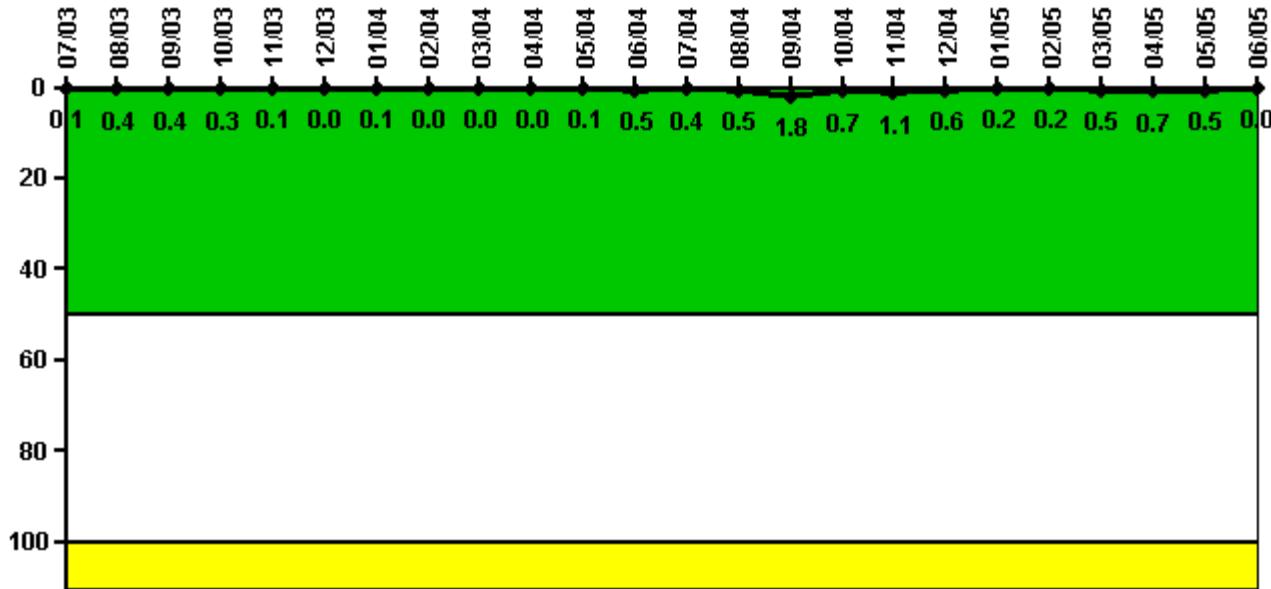
Thresholds: White > 50.0 Yellow > 100.0

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		0.0001000	0.0001060	0.0001090	0.0001170	0.0001050	0.0001200	0.0001260	0.0001390	0.0004400	N/A	0.0001930	0.0002130
Technical specification limit		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1		0.1	0.4	N/A	0.2	0.2						
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		0.0002150	0.0001860	0.0000903	0.0000648	0.0000634	0.0001050	0.0006540	0.0000655	0.0002160	0.0000487	0.0001160	0.0000486
Technical specification limit		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.2		0.2	0.1	0.1	0.1	0.1	0.7	0.1	0.2	0	0.1	0

Licensee Comments: none

Reactor Coolant System Leakage

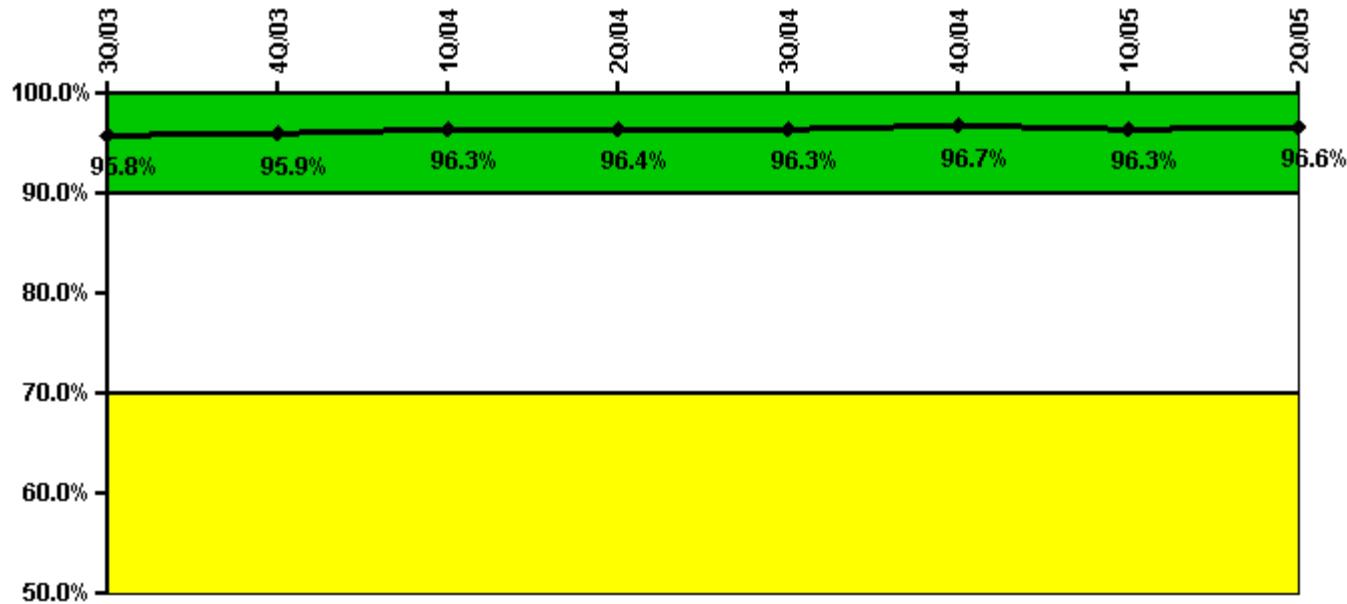


Thresholds: White > 50.0 Yellow > 100.0

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	0.005	0.044	0.036	0.027	0.013	0	0.010	0	0	0	0.010	0.050
Indicator value	0.1	0.4	0.4	0.3	0.1	0	0.1	0	0	0	0.1	0.5
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	0.040	0.054	0.180	0.070	0.110	0.060	0.020	0.020	0.050	0.070	0.045	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.5	1.8	0.7	1.1	0.6	0.2	0.2	0.5	0.7	0.5	0

Licensee Comments: none

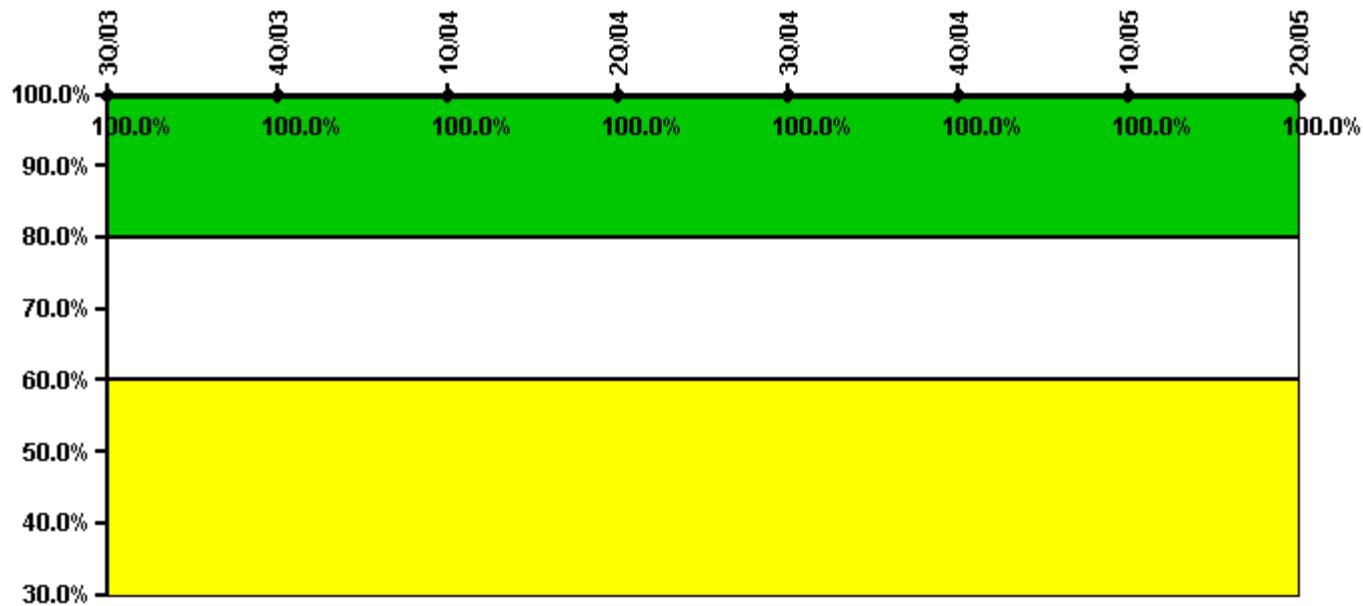
Drill/Exercise Performance

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	80.0	67.0	50.0	47.0	60.0	28.0	39.0	88.0
Total opportunities	83.0	70.0	51.0	49.0	63.0	28.0	41.0	90.0
Indicator value	95.8%	95.9%	96.3%	96.4%	96.3%	96.7%	96.3%	96.6%

Licensee Comments: none

ERO Drill Participation

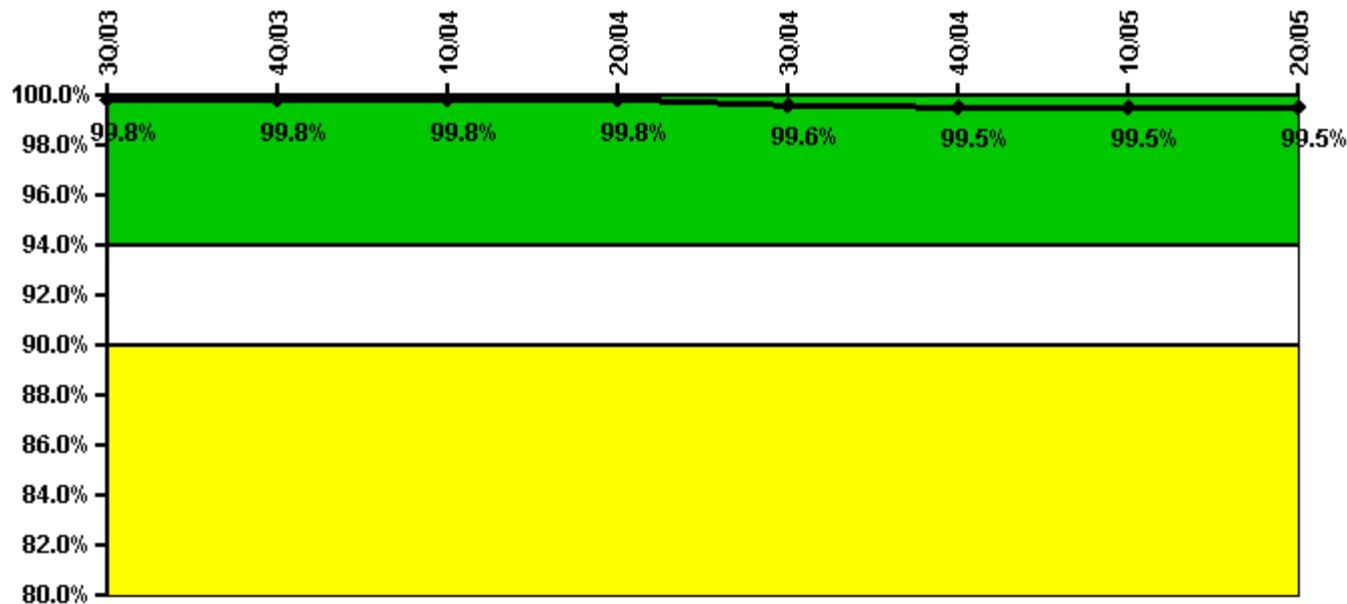
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Participating Key personnel	81.0	74.0	77.0	85.0	86.0	86.0	89.0	87.0
Total Key personnel	81.0	74.0	77.0	85.0	86.0	86.0	89.0	87.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System

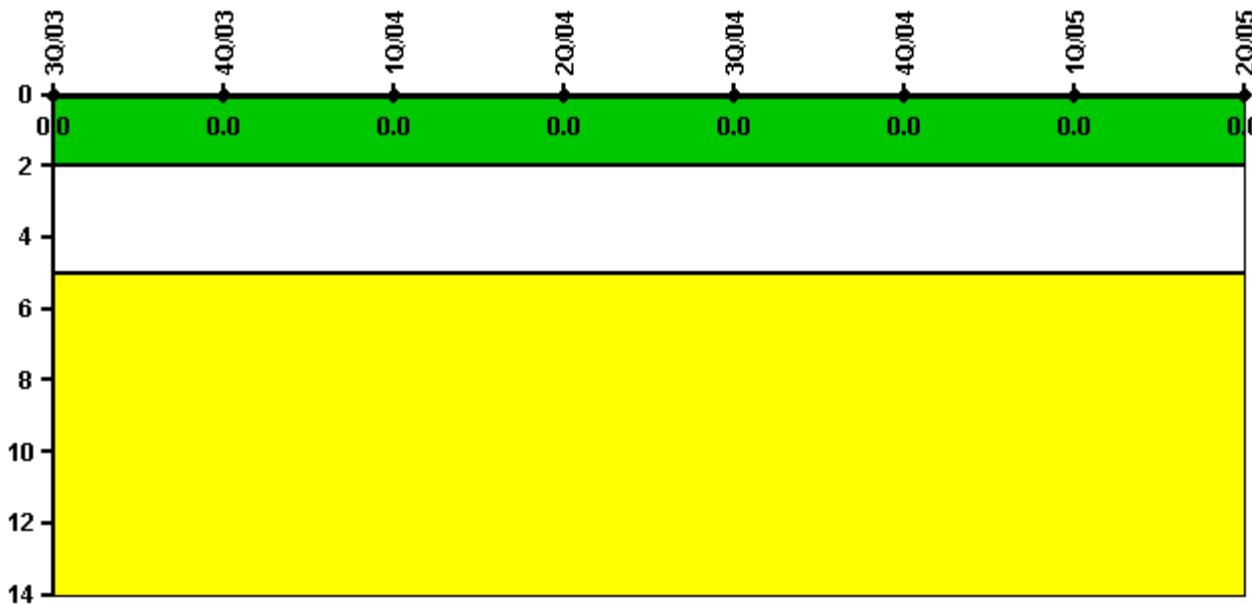


Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Successful siren-tests	710	533	712	622	614	621	712	621
Total sirens-tests	712	534	712	623	623	623	712	623
Indicator value	99.8%	99.8%	99.8%	99.8%	99.6%	99.5%	99.5%	99.5%

Licensee Comments: none

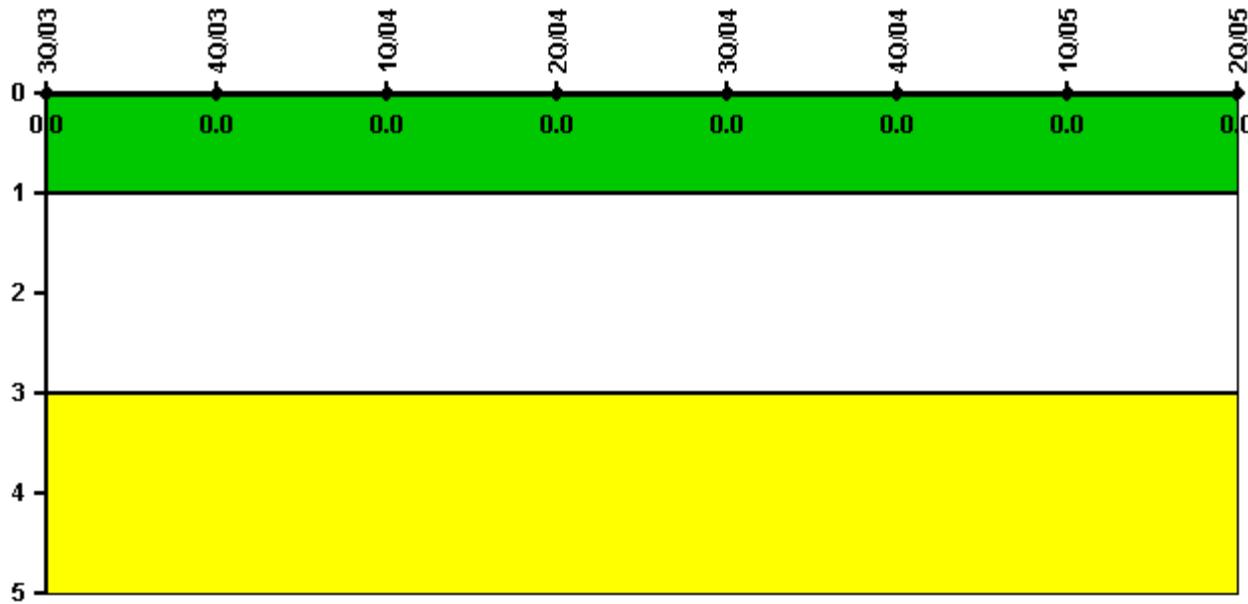
Occupational Exposure Control Effectiveness

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
Indicator value	0							

Licensee Comments: none

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	0							

Licensee Comments: none

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

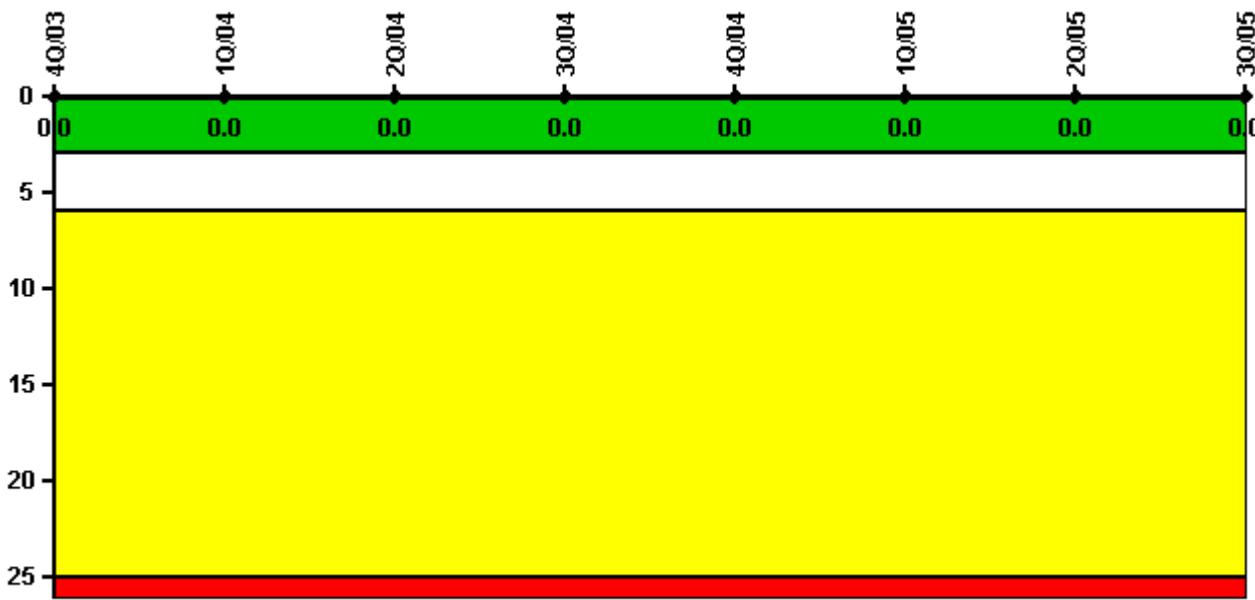


[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: August 3, 2005

Saint Lucie 1**3Q/2005 Performance Indicators**

Licensee's General Comments: none

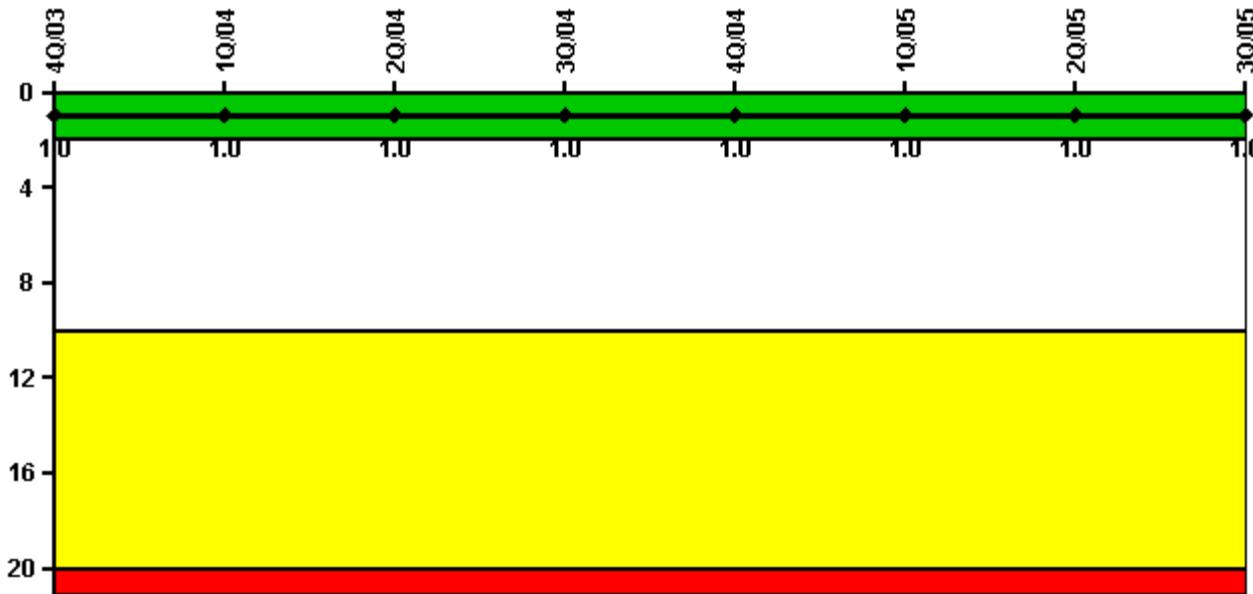
Unplanned Scrams per 7000 Critical Hrs

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2209.0	1937.1	1633.3	1847.3	2166.5	2160.0	2183.0	2208.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

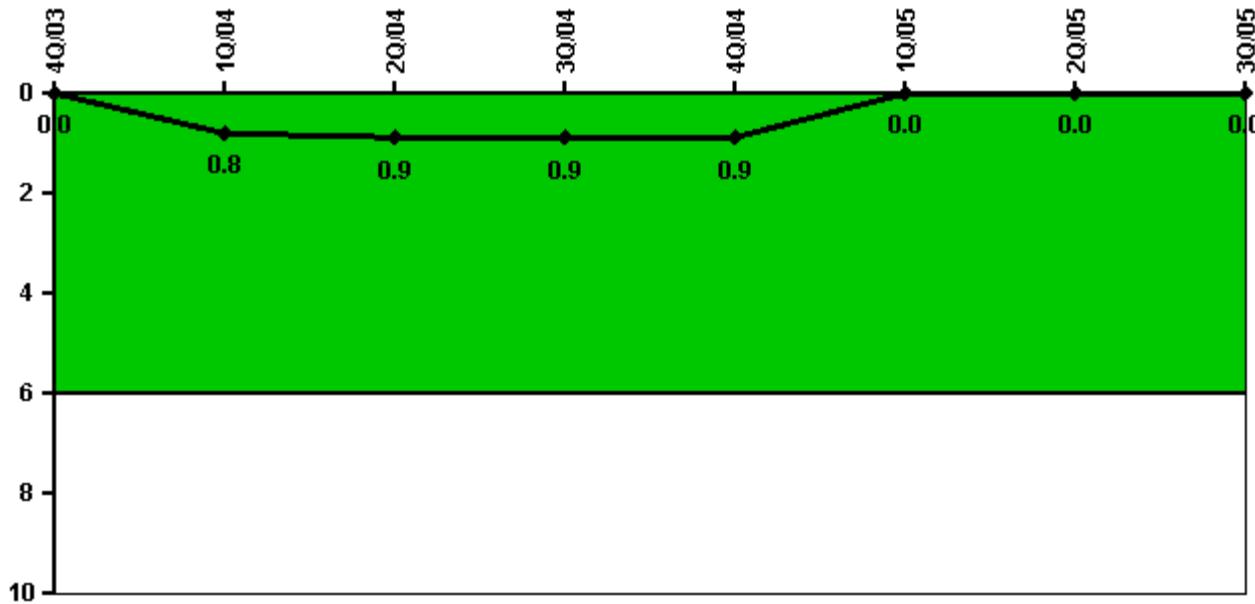
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/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	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



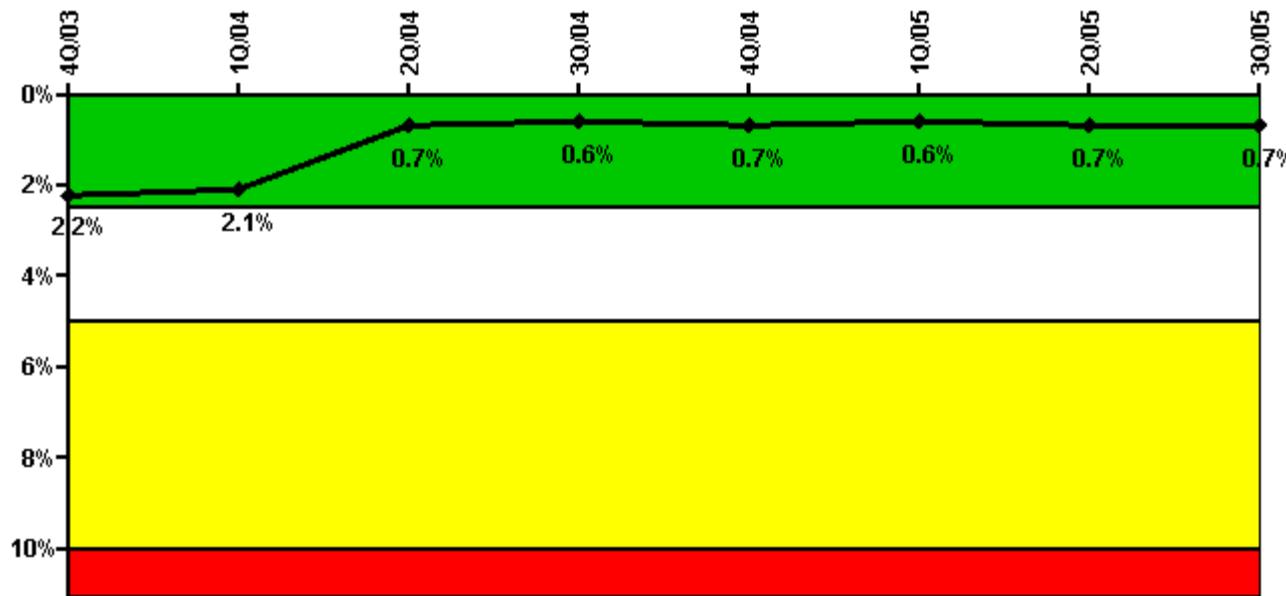
Thresholds: White > 6.0

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	0	1.0	0	0	0	0	0	0
Critical hours	2209.0	1937.1	1633.3	1847.3	2166.5	2160.0	2183.0	2208.0
Indicator value	0	0.8	0.9	0.9	0.9	0	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



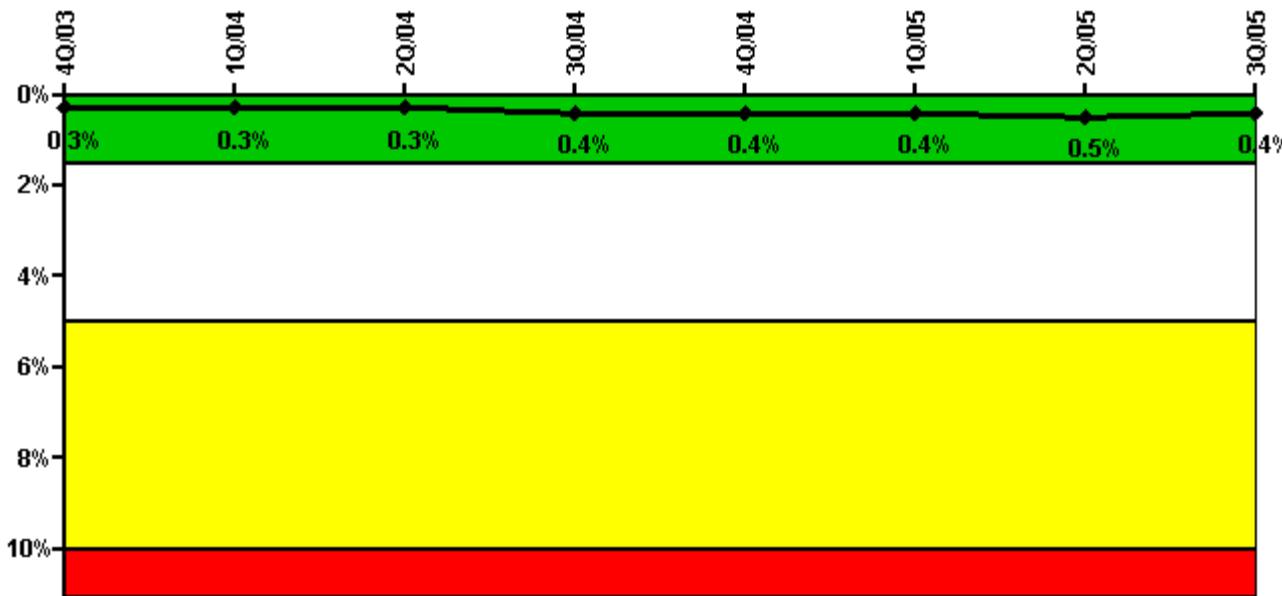
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours	6.51	6.70	7.00	5.90	7.00	3.90	12.40	7.70
Unplanned unavailable hours	123.80	0	0	0	0	0	0.02	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	2068.60	1975.20	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	6.28	6.30	6.50	8.60	9.80	4.20	7.70	8.20
Unplanned unavailable hours	14.71	0	0	2.00	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	2209.00	2068.60	1975.20	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	2.2%	2.1%	0.7%	0.6%	0.7%	0.6%	0.7%	0.7%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



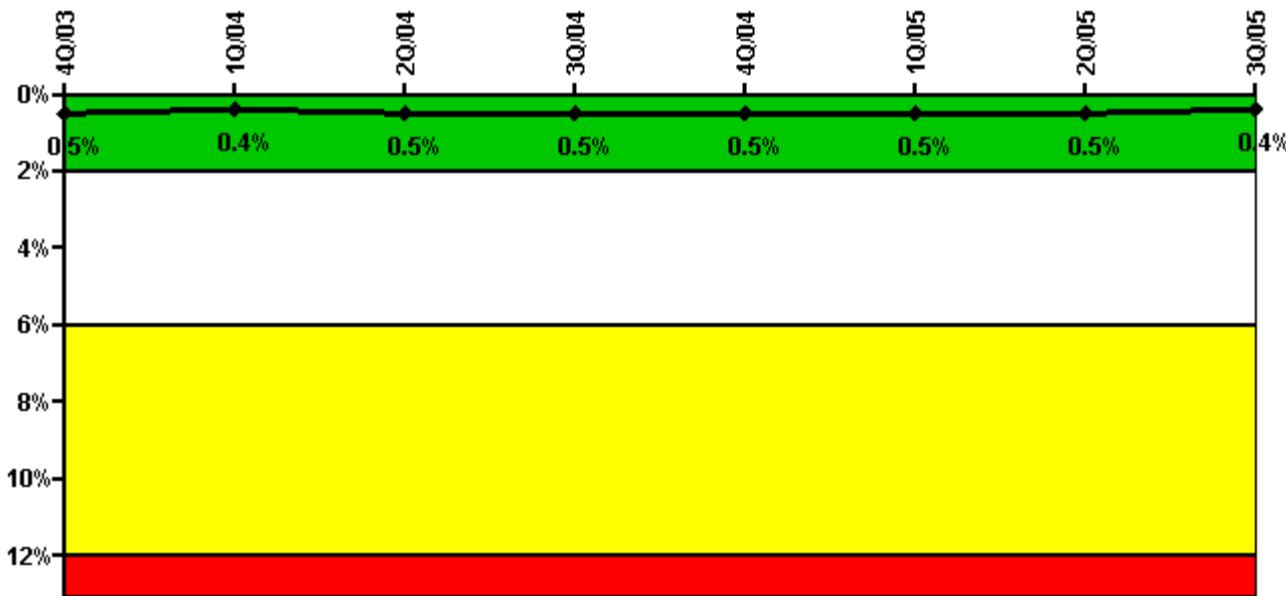
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours	1.60	1.30	14.20	0	24.00	1.40	11.30	1.10
Unplanned unavailable hours	0	0	0	0	18.90	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	1951.80	1767.50	2069.10	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	0.30	0	14.50	28.90	1.30	0.50	16.20	6.30
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	2209.00	1951.80	1767.50	2069.10	2209.00	2160.00	2183.00	2208.00
Indicator value	0.3%	0.3%	0.3%	0.4%	0.4%	0.4%	0.5%	0.4%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



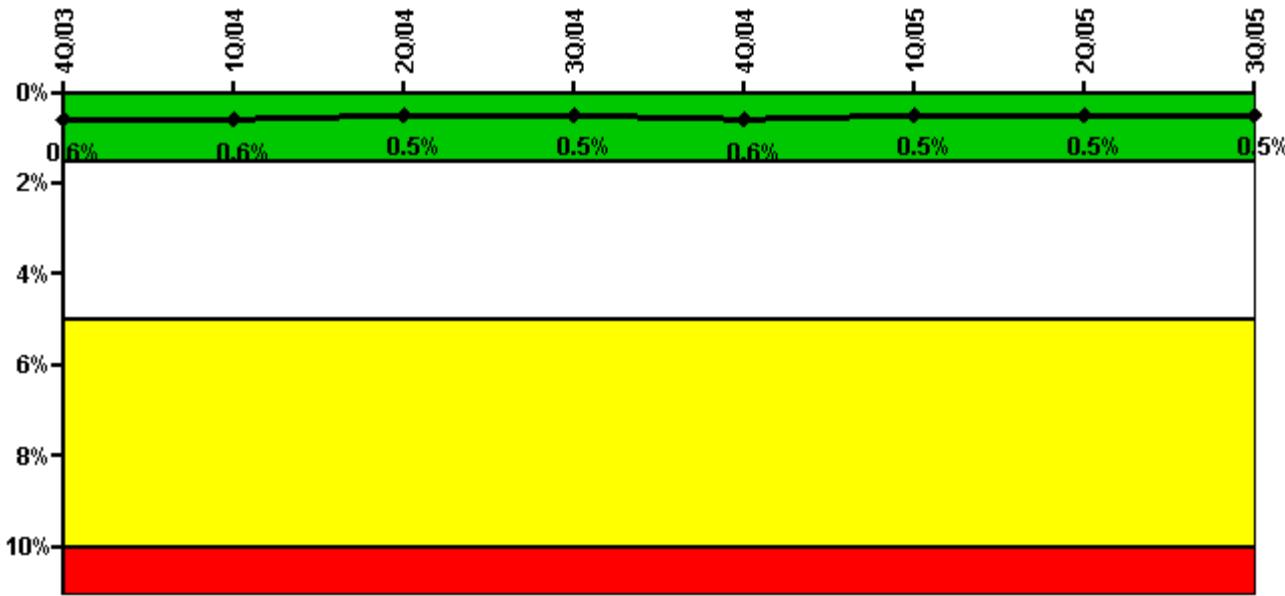
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours	3.50	1.20	9.80	0	11.90	2.70	0	0
Unplanned unavailable hours	0	0	0	0	13.70	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	2209.00	1937.00	1609.00	1969.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	2.30	1.60	0	13.90	6.20	0	3.10	6.90
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	1937.00	1609.00	1969.00	2209.00	2160.00	2183.00	2208.00
Train 3								
Planned unavailable hours	13.80	8.10	25.50	4.10	13.90	4.90	3.00	2.60
Unplanned unavailable hours	0	0	46.60	0	0	0	0	0
Fault exposure hours	0	0	3.00	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	1937.00	1609.00	1969.00	2209.00	2160.00	2183.00	2208.00
Indicator value	0.5%	0.4%	0.5%	0.5%	0.5%	0.5%	0.5%	0.4%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



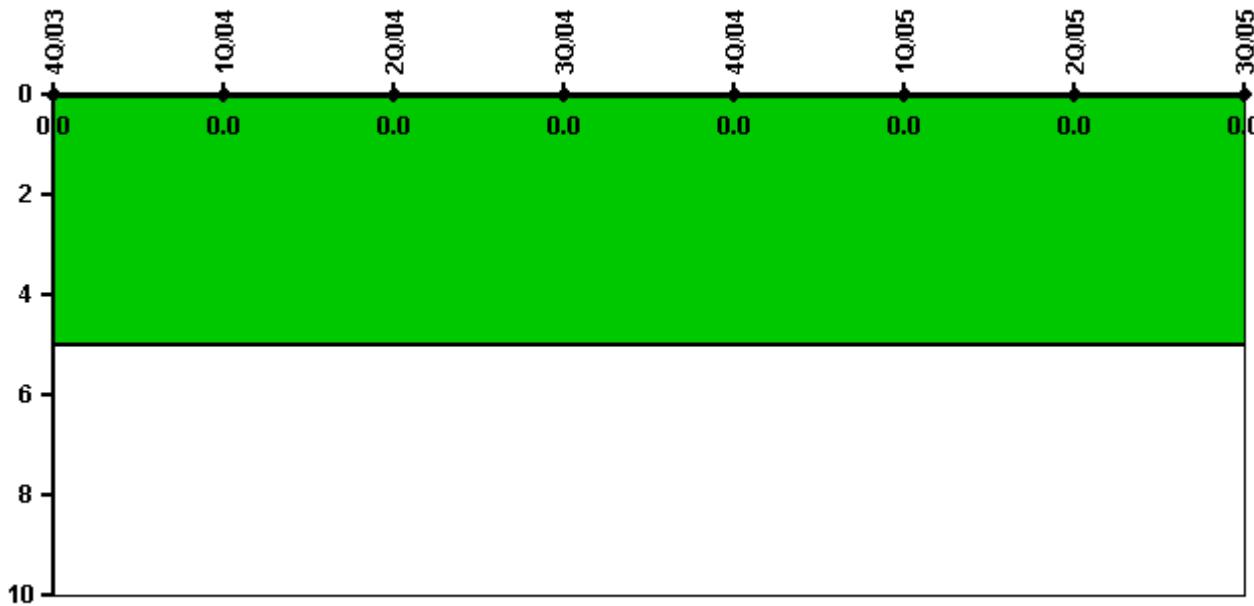
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours	3.40	44.30	2.60	1.30	52.60	25.40	2.60	5.40
Unplanned unavailable hours	6.70	0	0	0	18.90	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	1941.80	1701.70	1885.20	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	2.40	10.40	16.20	68.30	22.50	10.60	2.30	14.00
Unplanned unavailable hours	0	9.50	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	1941.80	1701.70	1885.20	2209.00	2160.00	2183.00	2208.00
Train 3								
Planned unavailable hours	0	0	0	0	0	0	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	0	236.30	288.70	241.00	0	0	0	0
Train 4								
Planned unavailable hours	0	0	0	0	0	0	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	0	236.30	288.70	241.00	0	0	0	0
Indicator value	0.6%	0.6%	0.5%	0.5%	0.6%	0.5%	0.5%	0.5%

Licensee Comments: none

Safety System Functional Failures (PWR)



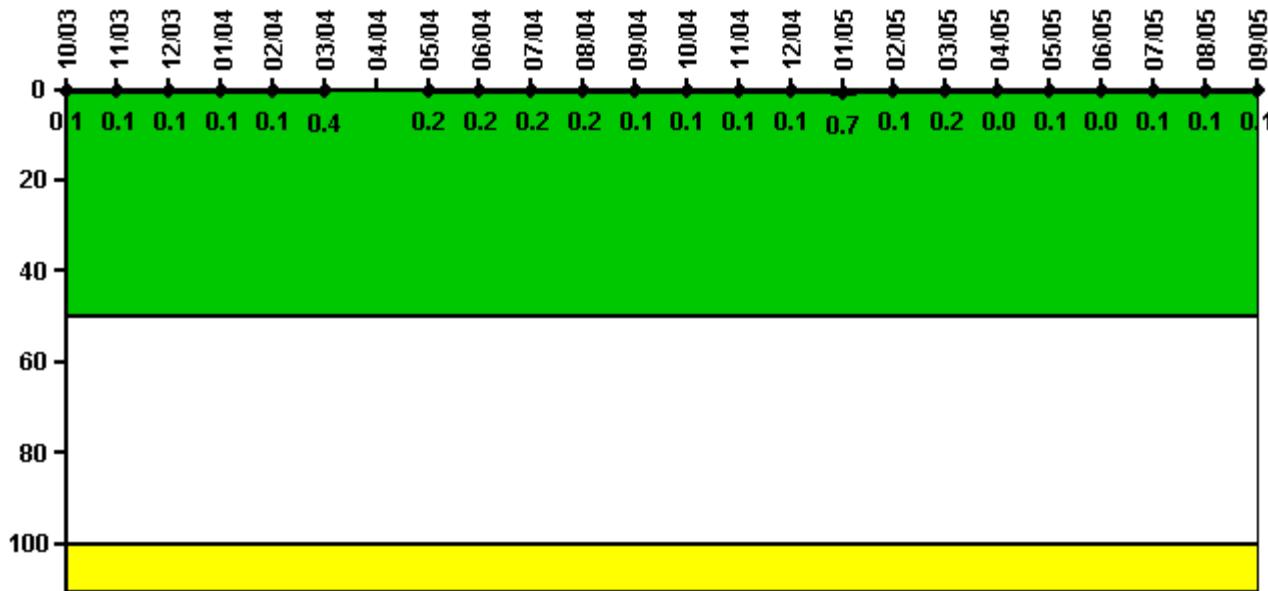
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
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



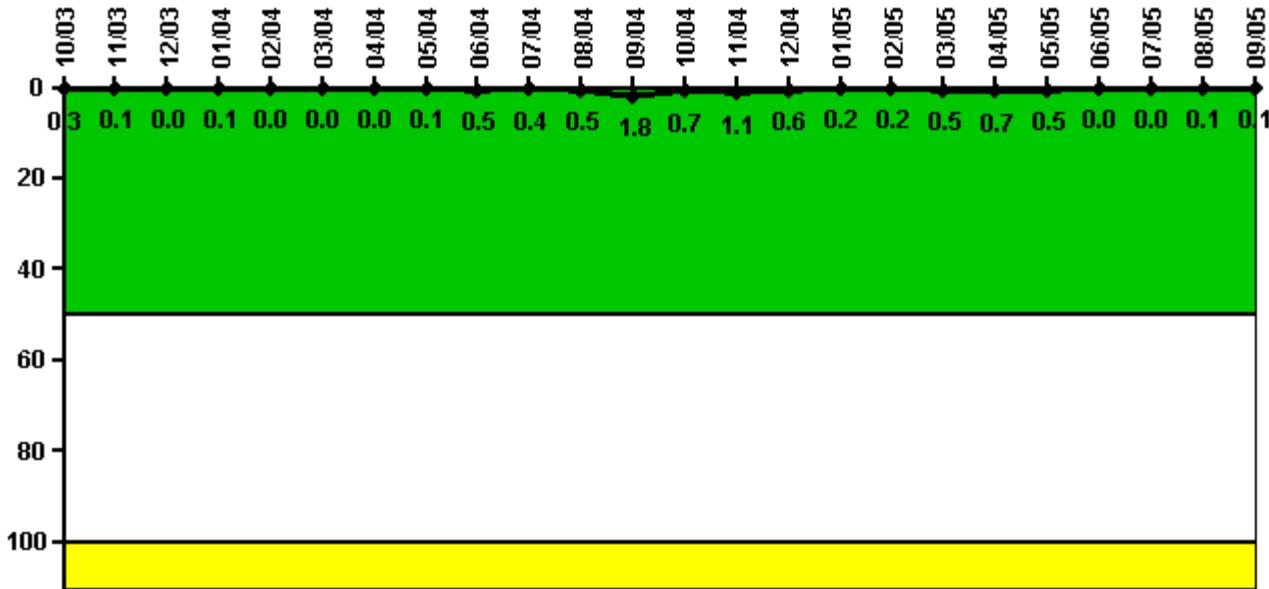
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity		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		0.0001170	0.0001050	0.0001200	0.0001260	0.0001390	0.0004400	N/A	0.0001930	0.0002130	0.0002150	0.0001860	0.0000903
Technical specification limit		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1		0.1	0.1	0.1	0.1	0.4	N/A	0.2	0.2	0.2	0.2	0.1
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		0.0000648	0.0000634	0.0001050	0.0006540	0.0000655	0.0002160	0.0000487	0.0001160	0.0000486	0.0000772	0.0000719	0.0000755
Technical specification limit		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1		0.1	0.1	0.7	0.1	0.2	0	0.1	0	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

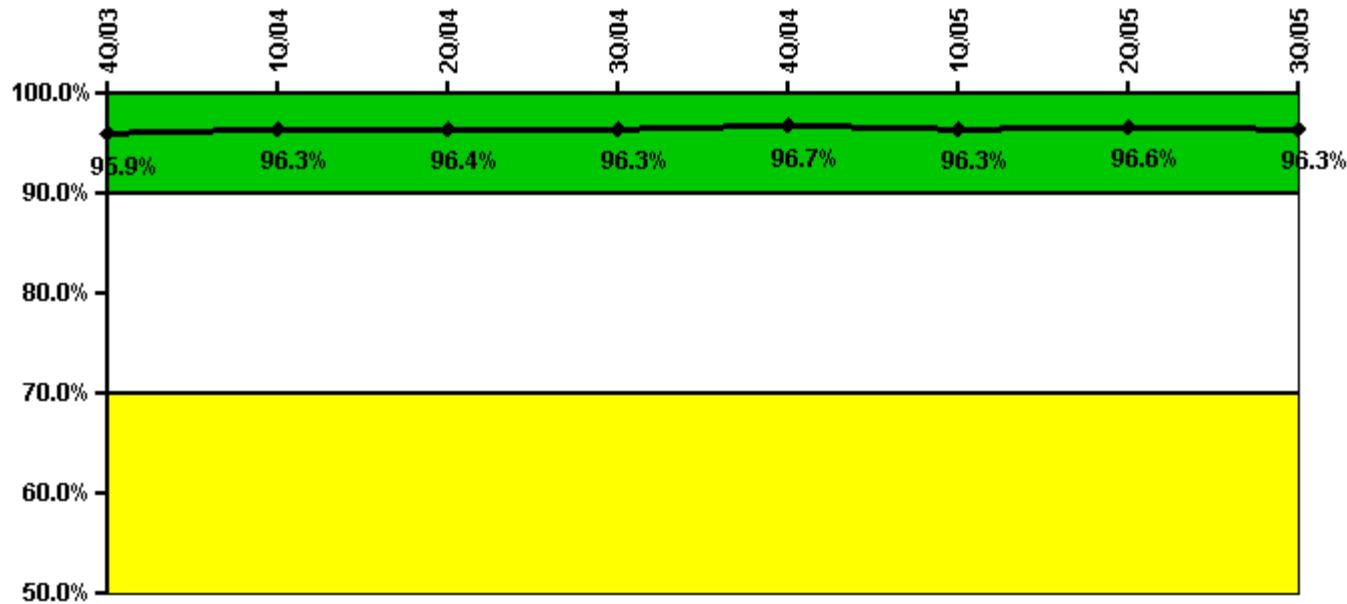
Notes

Reactor Coolant System Leakage	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04
Maximum leakage	0.027	0.013	0	0.010	0	0	0	0.010	0.050	0.040	0.054	0.180
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.1	0	0.1	0	0	0	0.1	0.5	0.4	0.5	1.8

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	0.070	0.110	0.060	0.020	0.020	0.050	0.070	0.045	0	0.003	0.005	0.010
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.7	1.1	0.6	0.2	0.2	0.5	0.7	0.5	0	0	0.1	0.1

Licensee Comments: none

Drill/Exercise Performance



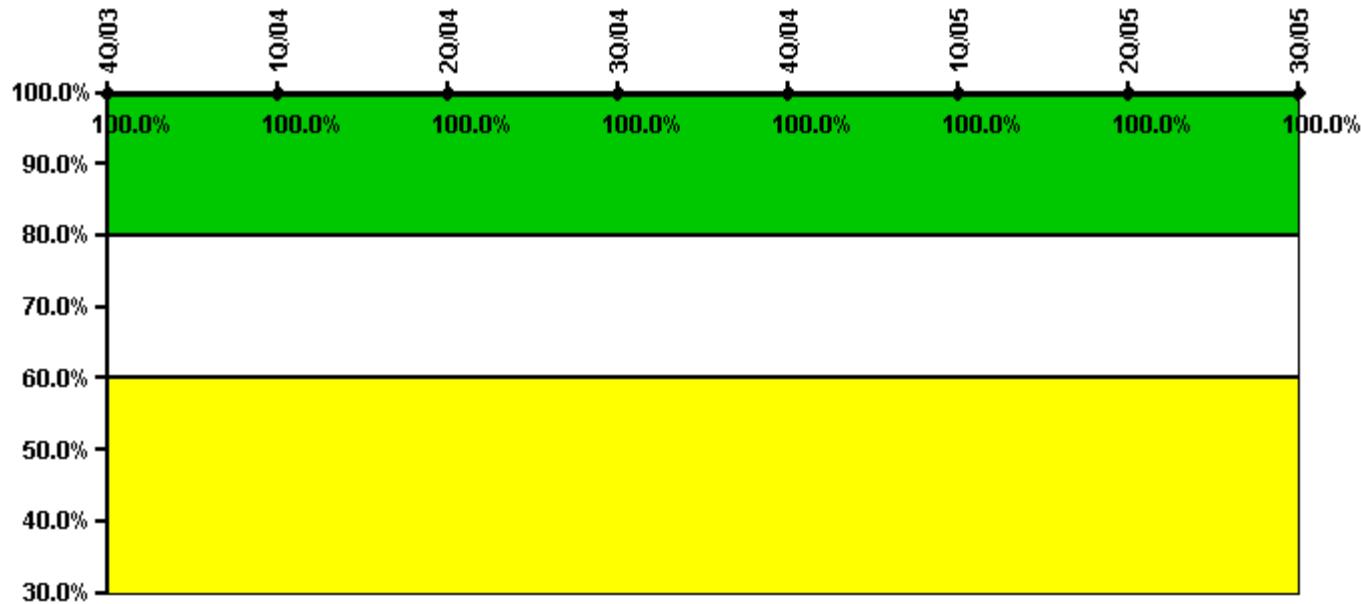
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Successful opportunities	67.0	50.0	47.0	60.0	28.0	39.0	88.0	67.0
Total opportunities	70.0	51.0	49.0	63.0	28.0	41.0	90.0	71.0
Indicator value	95.9%	96.3%	96.4%	96.3%	96.7%	96.3%	96.6%	96.3%

Licensee Comments: none

ERO Drill Participation



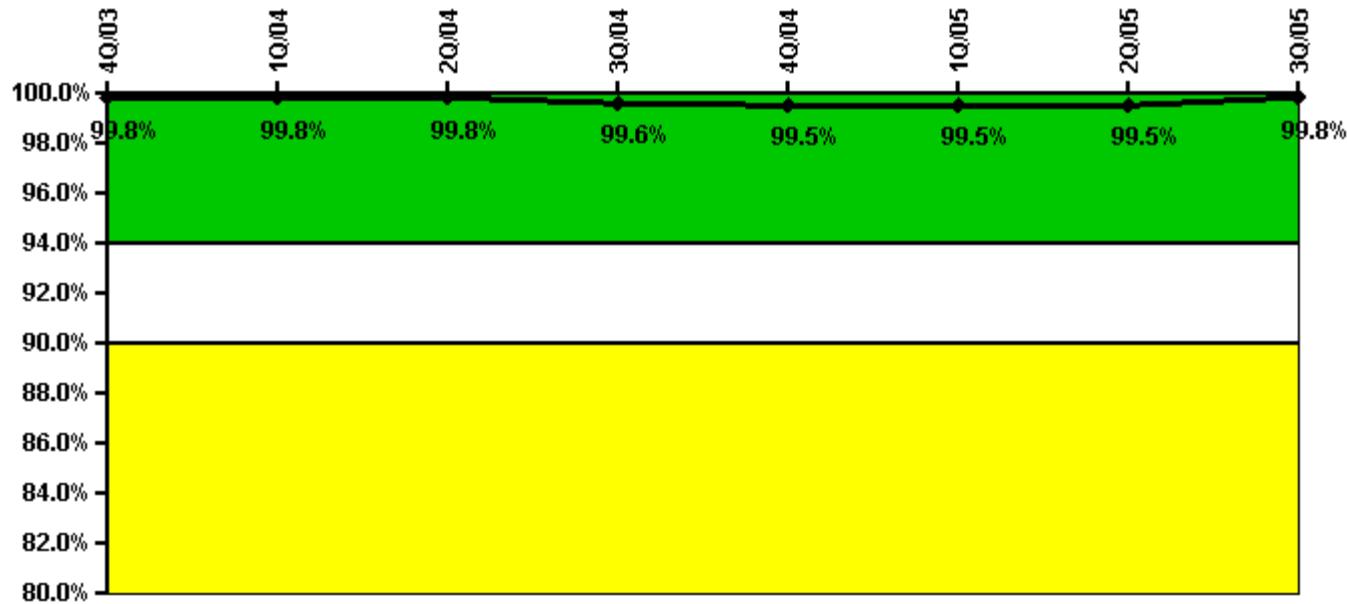
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Participating Key personnel	74.0	77.0	85.0	86.0	86.0	89.0	87.0	88.0
Total Key personnel	74.0	77.0	85.0	86.0	86.0	89.0	87.0	88.0
Indicator value	100.0%							

Licensee Comments: none

Alert & Notification System

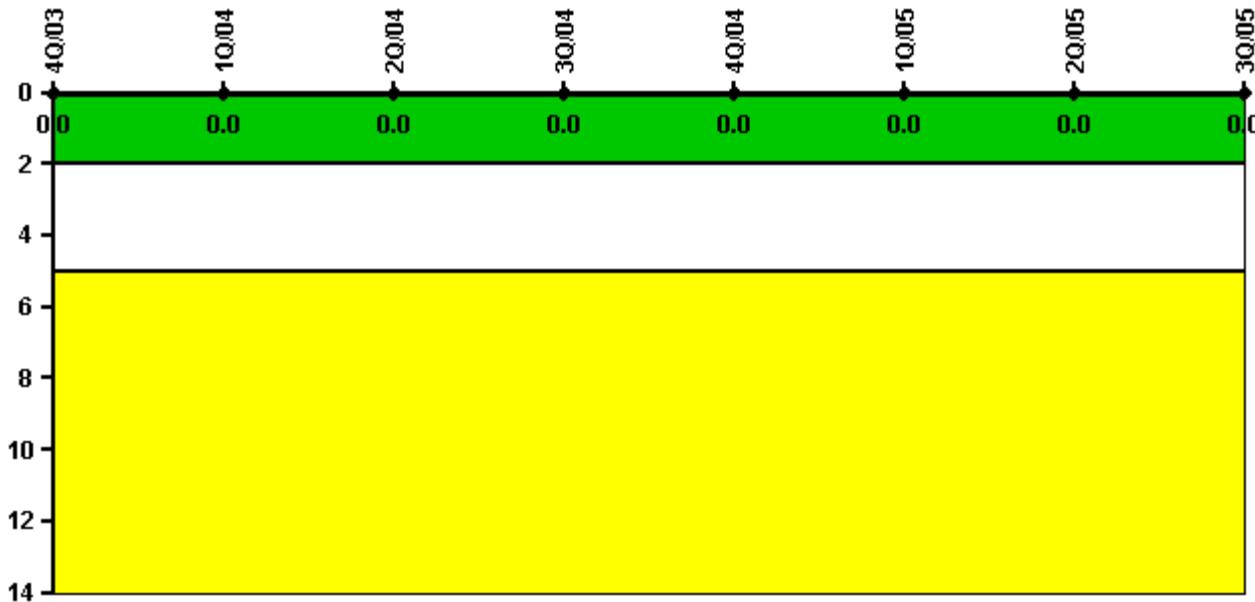


Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Successful siren-tests	533	712	622	614	621	712	621	711
Total sirens-tests	534	712	623	623	623	712	623	712
Indicator value	99.8%	99.8%	99.8%	99.6%	99.5%	99.5%	99.5%	99.8%

Licensee Comments: none

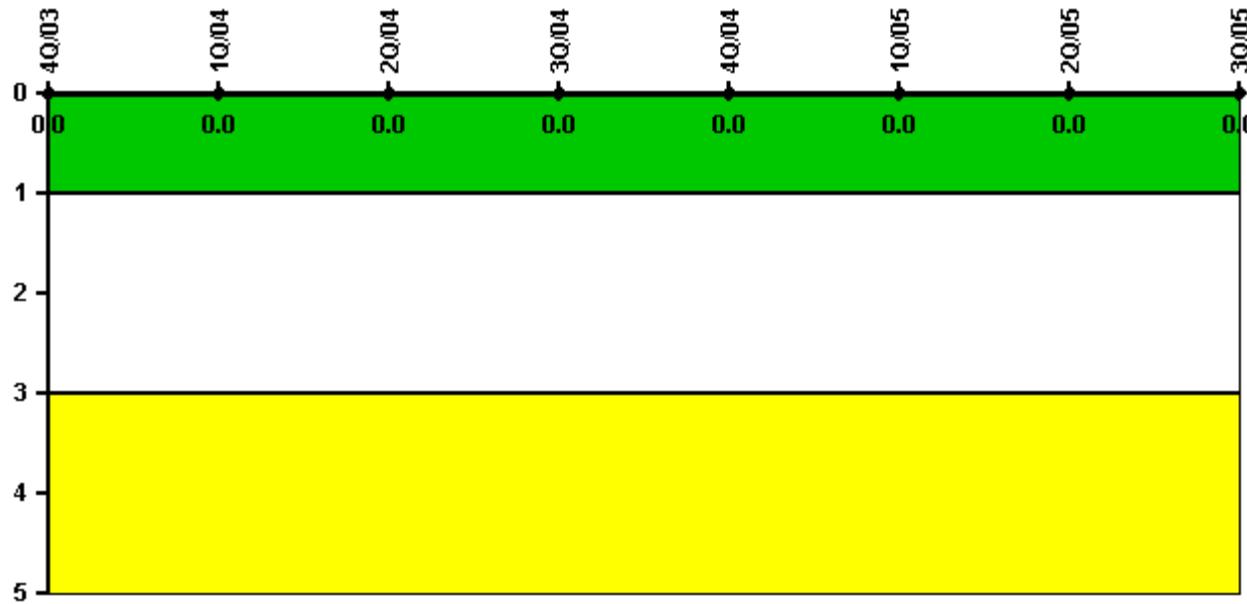
Occupational Exposure Control Effectiveness

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
Indicator value	0							

Licensee Comments: none

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	0							

Licensee Comments: none

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

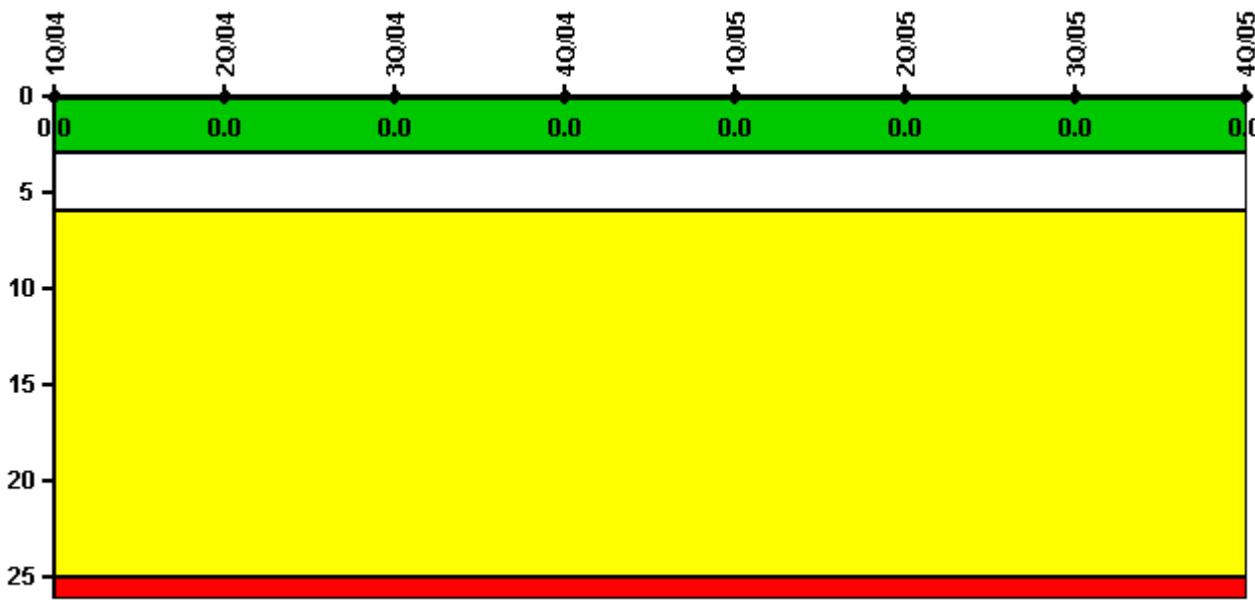


[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: November 3, 2005

Saint Lucie 1**4Q/2005 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/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	1937.1	1633.3	1847.3	2166.5	2160.0	2183.0	2208.0	692.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

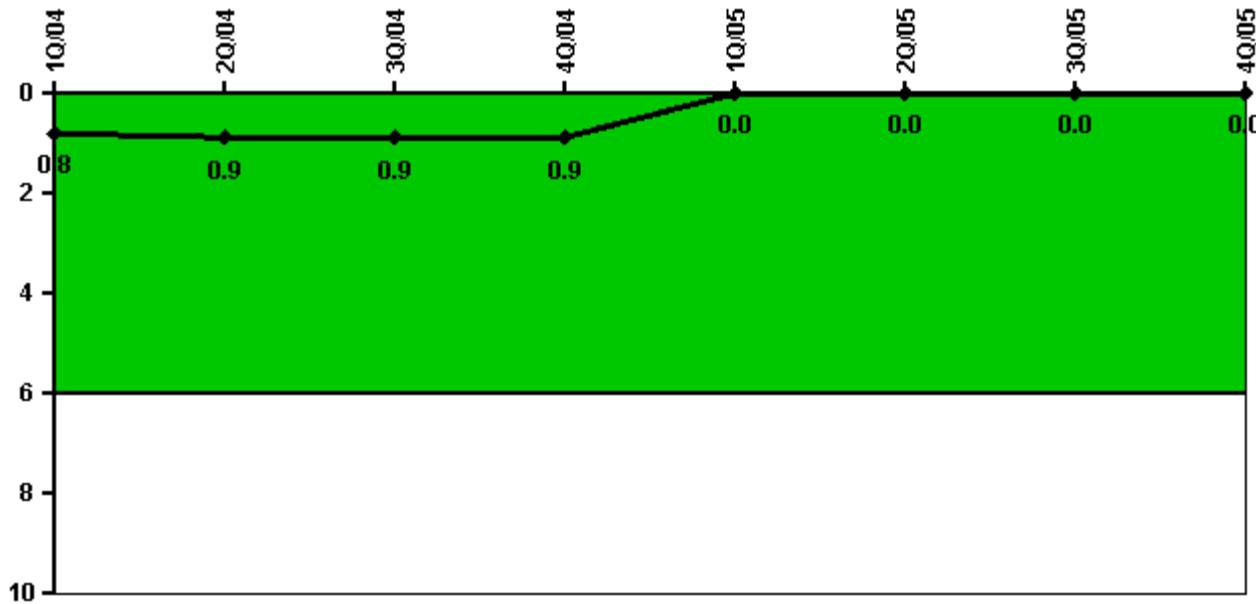
Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	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	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

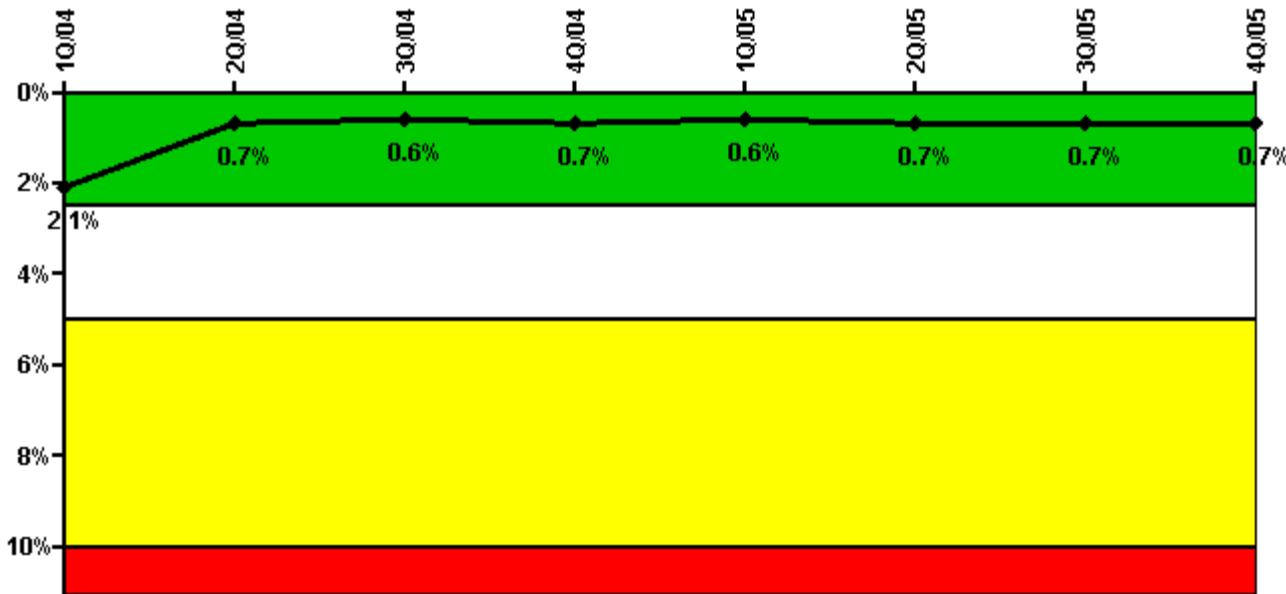
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Unplanned power changes	1.0	0	0	0	0	0	0	0
Critical hours	1937.1	1633.3	1847.3	2166.5	2160.0	2183.0	2208.0	692.0
Indicator value	0.8	0.9	0.9	0.9	0	0	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



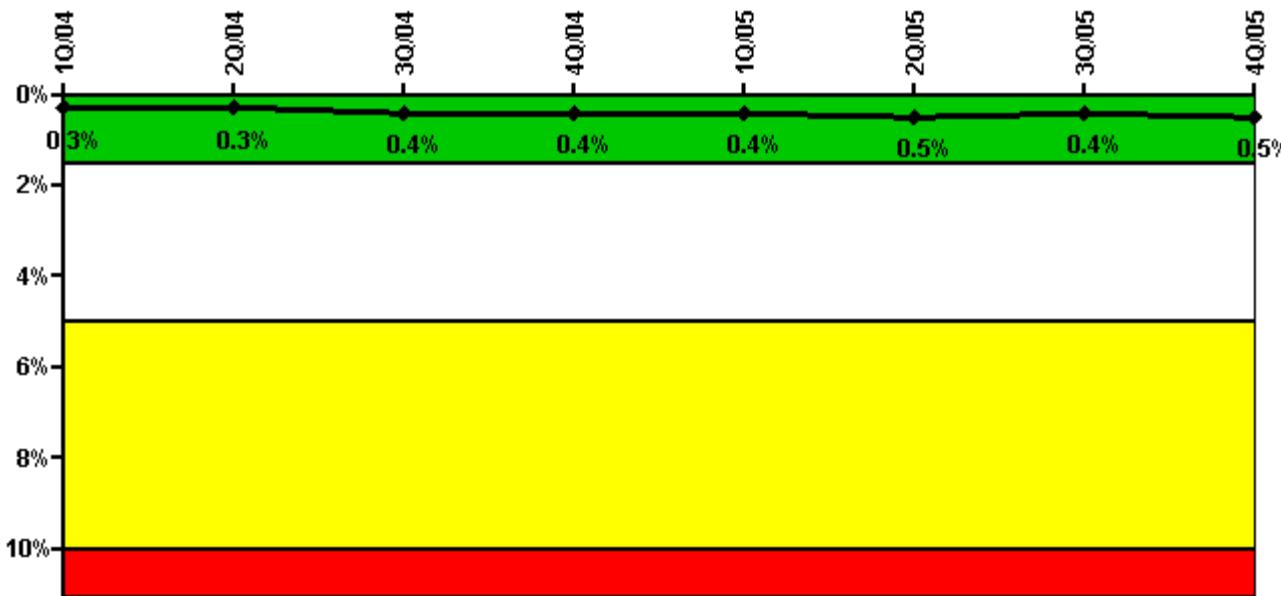
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Train 1								
Planned unavailable hours	6.70	7.00	5.90	7.00	3.90	12.40	7.70	5.60
Unplanned unavailable hours	0	0	0	0	0	0.02	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	2068.60	1975.20	2208.00	2209.00	2160.00	2183.00	2208.00	1526.60
Train 2								
Planned unavailable hours	6.30	6.50	8.60	9.80	4.20	7.70	8.20	5.20
Unplanned unavailable hours	0	0	2.00	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	2068.60	1975.20	2208.00	2209.00	2160.00	2183.00	2208.00	1526.60
Indicator value	2.1%	0.7%	0.6%	0.7%	0.6%	0.7%	0.7%	0.7%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



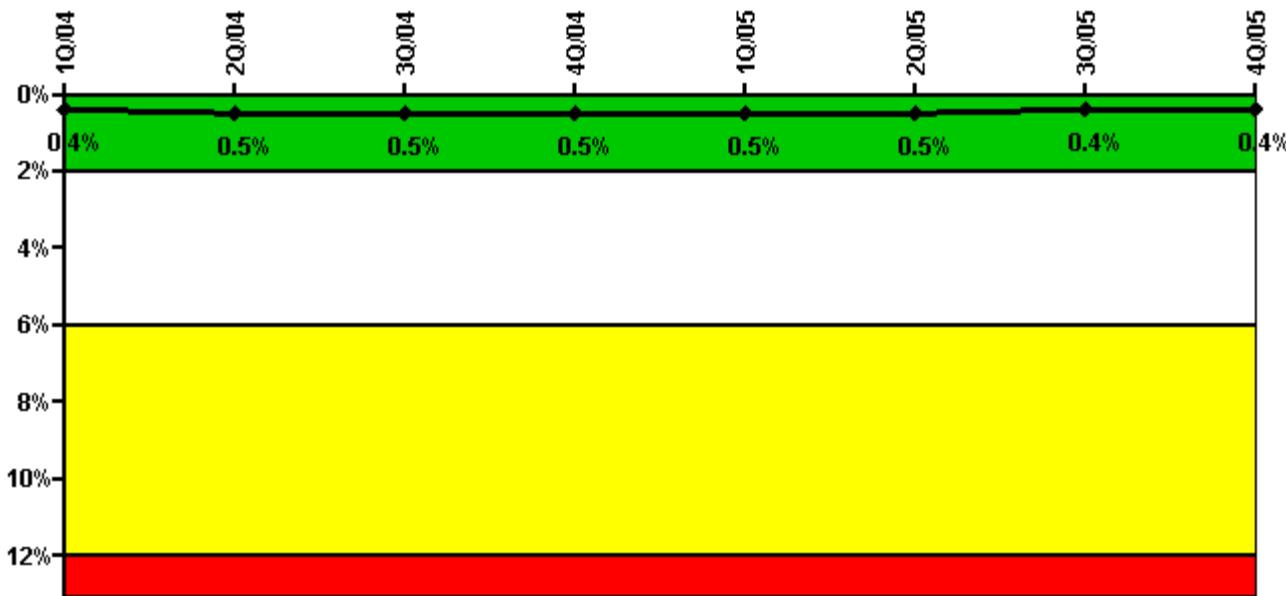
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Train 1								
Planned unavailable hours	1.30	14.20	0	24.00	1.40	11.30	1.10	23.90
Unplanned unavailable hours	0	0	0	18.90	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	1951.80	1767.50	2069.10	2209.00	2160.00	2183.00	2208.00	842.20
Train 2								
Planned unavailable hours	0	14.50	28.90	1.30	0.50	16.20	6.30	3.50
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	1951.80	1767.50	2069.10	2209.00	2160.00	2183.00	2208.00	842.20
Indicator value	0.3%	0.3%	0.4%	0.4%	0.4%	0.5%	0.4%	0.5%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



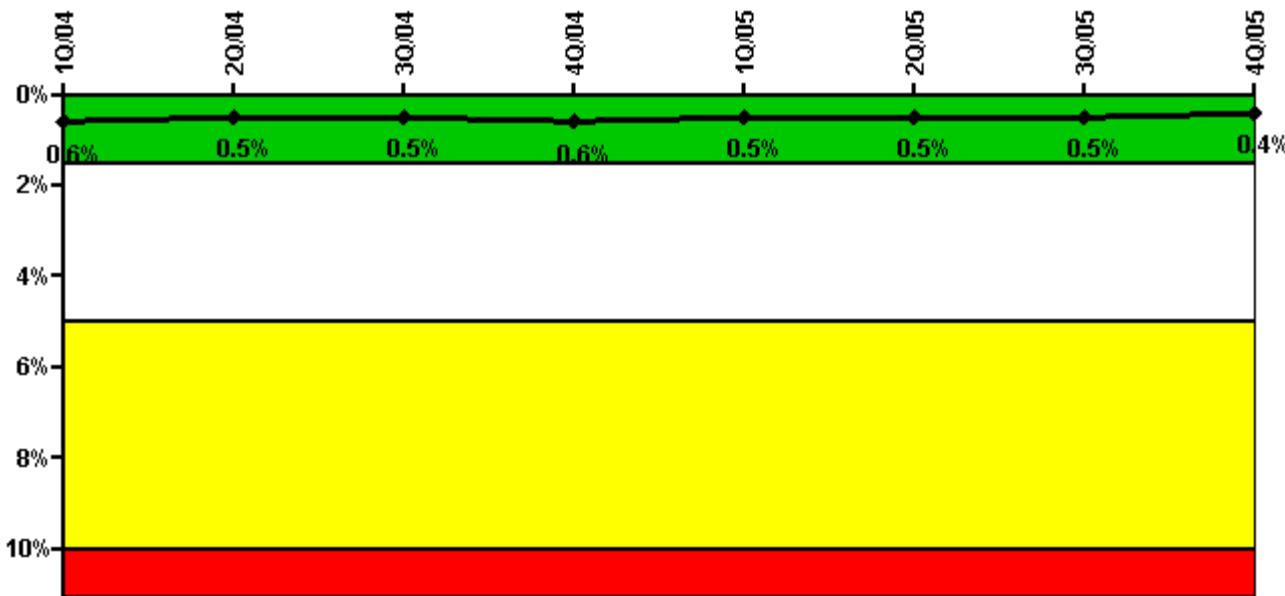
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Train 1								
Planned unavailable hours	1.20	9.80	0	11.90	2.70	0	0	0.40
Unplanned unavailable hours	0	0	0	13.70	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	1937.00	1609.00	1969.00	2209.00	2160.00	2183.00	2208.00	804.00
Train 2								
Planned unavailable hours	1.60	0	13.90	6.20	0	3.10	6.90	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	1937.00	1609.00	1969.00	2209.00	2160.00	2183.00	2208.00	804.00
Train 3								
Planned unavailable hours	8.10	25.50	4.10	13.90	4.90	3.00	2.60	3.10
Unplanned unavailable hours	0	46.60	0	0	0	0	0	4.20
Fault exposure hours	0	3.00	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1937.00	1609.00	1969.00	2209.00	2160.00	2183.00	2208.00	804.00
Indicator value	0.4%	0.5%	0.5%	0.5%	0.5%	0.5%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



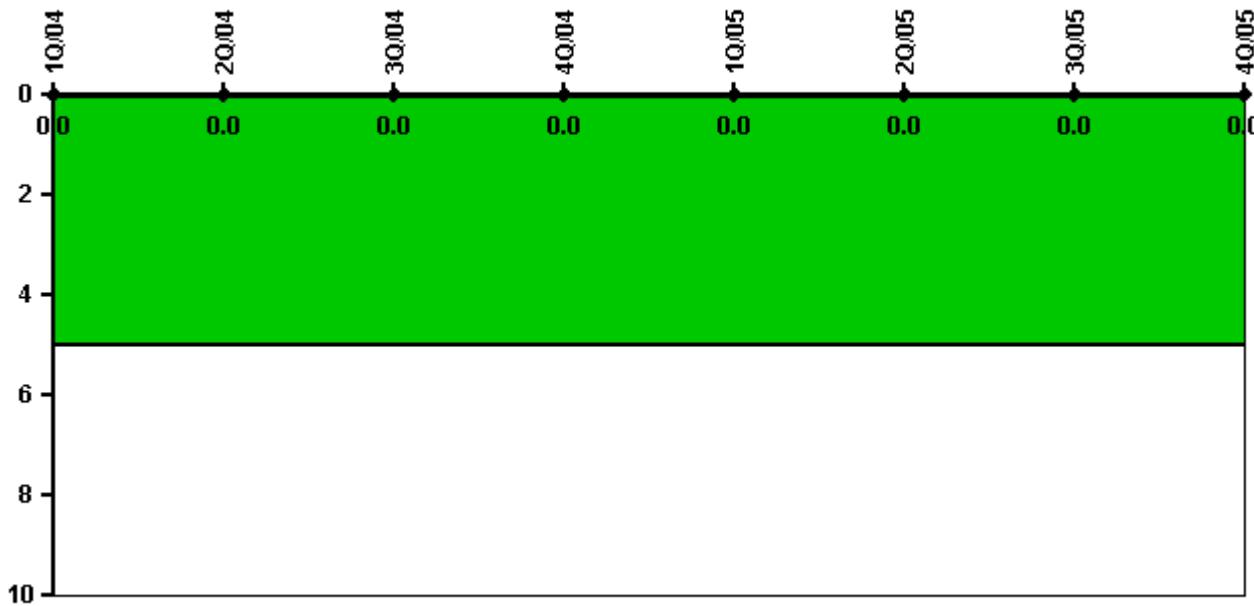
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Train 1								
Planned unavailable hours	44.30	2.60	1.30	52.60	25.40	2.60	5.40	0.30
Unplanned unavailable hours	0	0	0	18.90	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	1941.80	1701.70	1885.20	2209.00	2160.00	2183.00	2208.00	768.20
Train 2								
Planned unavailable hours	10.40	16.20	68.30	22.50	10.60	2.30	14.00	5.00
Unplanned unavailable hours	9.50	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	1941.80	1701.70	1885.20	2209.00	2160.00	2183.00	2208.00	768.20
Train 3								
Planned unavailable hours	0	0	0	0	0	0	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	236.30	288.70	241.00	0	0	0	0	995.80
Train 4								
Planned unavailable hours	0	0	0	0	0	0	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	236.30	288.70	241.00	0	0	0	0	995.80
Indicator value	0.6%	0.5%	0.5%	0.6%	0.5%	0.5%	0.5%	0.4%

Licensee Comments: none

Safety System Functional Failures (PWR)



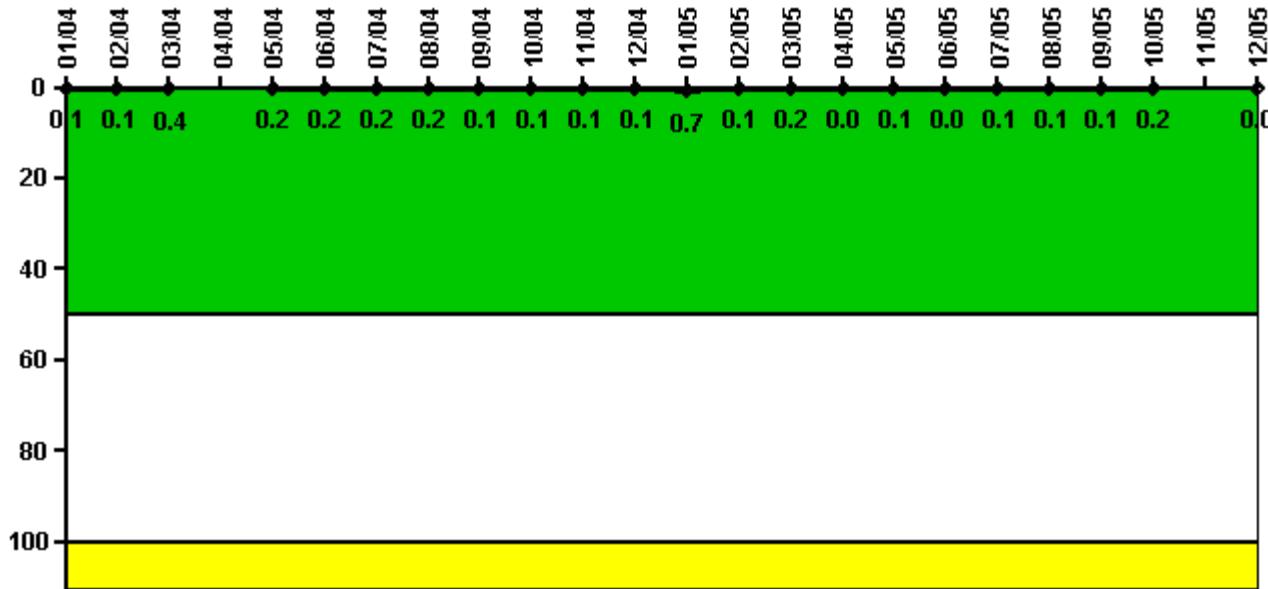
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
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



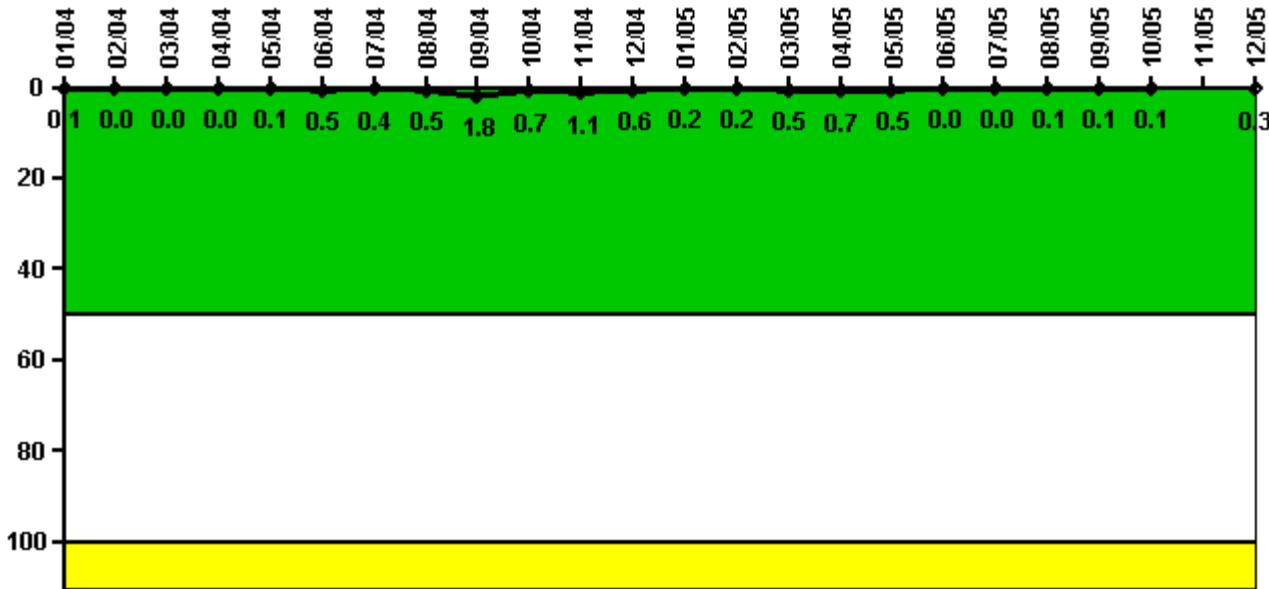
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	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	0.001260	0.001390	0.004400	N/A	0.001930	0.002130	0.002150	0.001860	0.000903	0.000648	0.000634	0.001050
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.4	N/A	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
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	0.006540	0.000655	0.002160	0.000487	0.001160	0.000486	0.000772	0.000719	0.000755	0.001540	N/A	0.000313
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.7	0.1	0.2	0	0.1	0	0.1	0.1	0.1	0.2	N/A	0

Licensee Comments: none

Reactor Coolant System Leakage



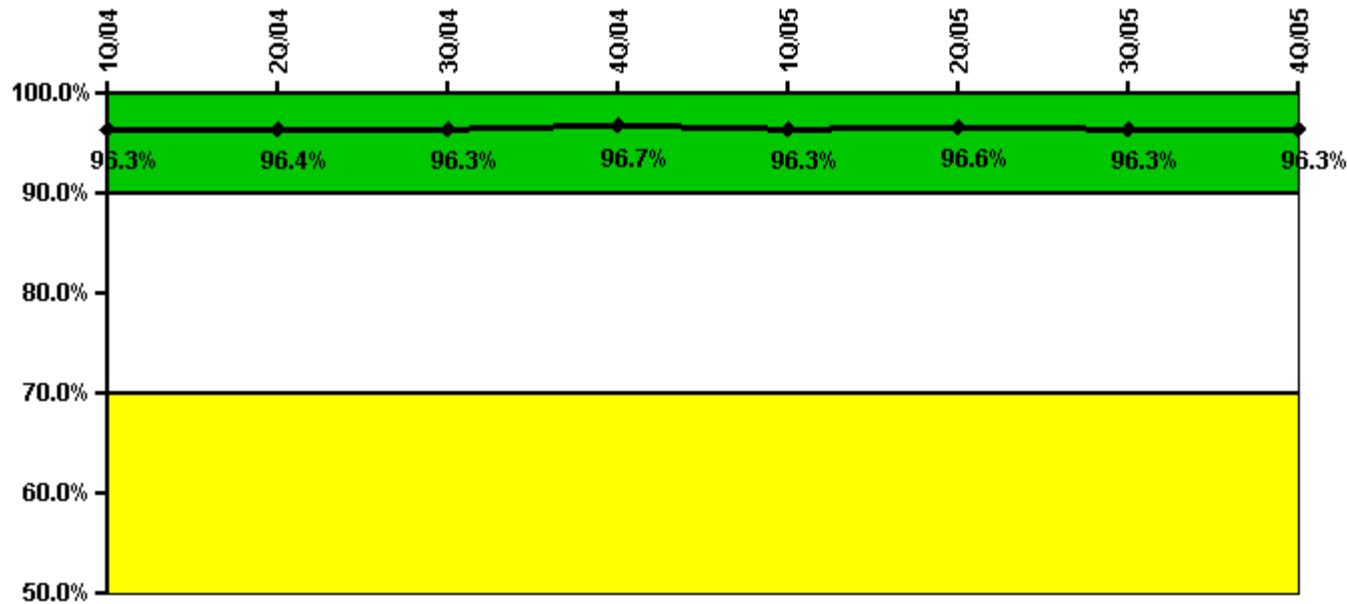
Thresholds: White > 50.0 Yellow > 100.0

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	0.010	0	0	0	0.010	0.050	0.040	0.054	0.180	0.070	0.110	0.060
Indicator value	0.1	0	0	0	0.1	0.5	0.4	0.5	1.8	0.7	1.1	0.6
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	0.020	0.020	0.050	0.070	0.045	0	0.003	0.005	0.010	0.009	N/A	0.030
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.2	0.5	0.7	0.5	0	0	0.1	0.1	0.1	N/A	0.3

Licensee Comments: none

Drill/Exercise Performance



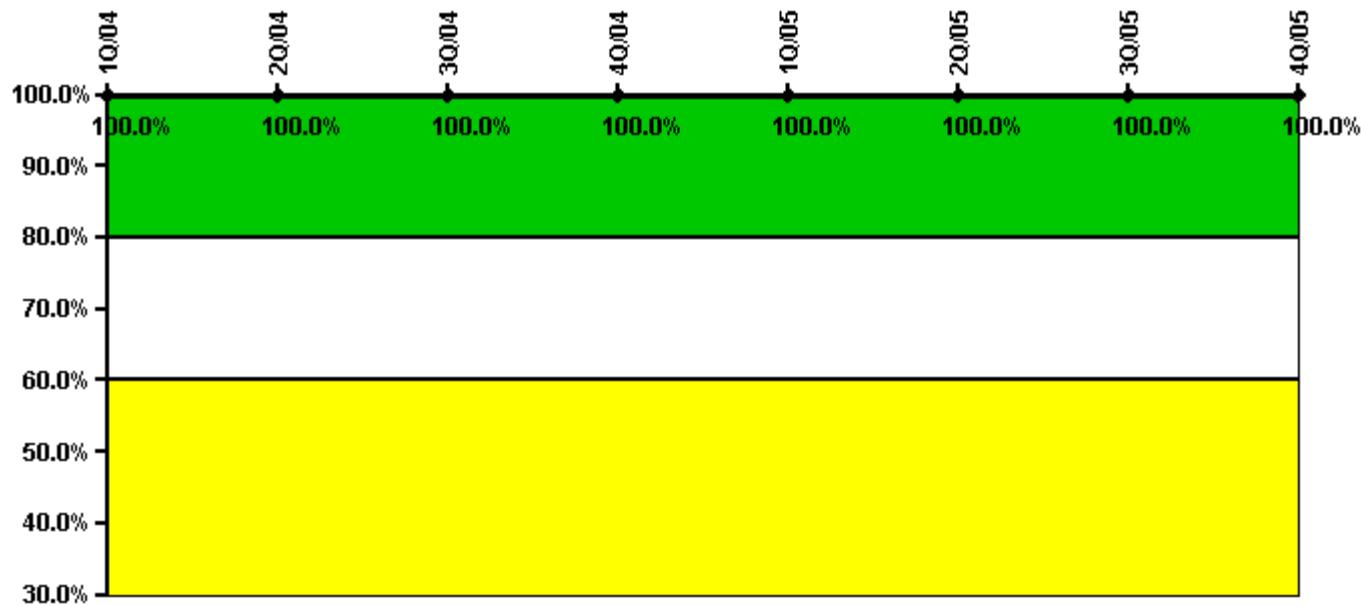
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Successful opportunities	50.0	47.0	60.0	28.0	39.0	88.0	67.0	9.0
Total opportunities	51.0	49.0	63.0	28.0	41.0	90.0	71.0	10.0
Indicator value	96.3%	96.4%	96.3%	96.7%	96.3%	96.6%	96.3%	96.3%

Licensee Comments: none

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

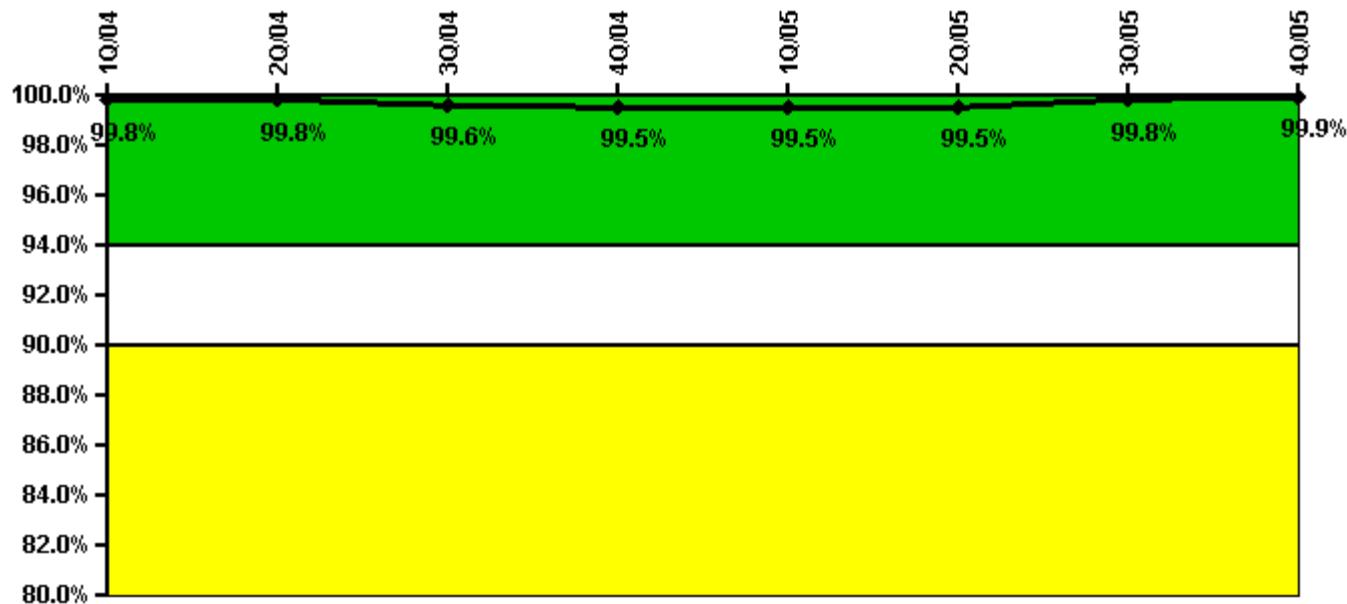
Notes

ERO Drill Participation	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Participating Key personnel	77.0	85.0	86.0	86.0	89.0	87.0	88.0	87.0
Total Key personnel	77.0	85.0	86.0	86.0	89.0	87.0	88.0	87.0
Indicator value	100.0%							

Licensee Comments:

4Q/05: A change file was necessary to swap the submitted ERO participation data from the October to December data elements. This data swap performed no change to the aggregate 4Q/2005 data, but is necessary for CDE 2.0 to properly calculate the indicator value.

Alert & Notification System

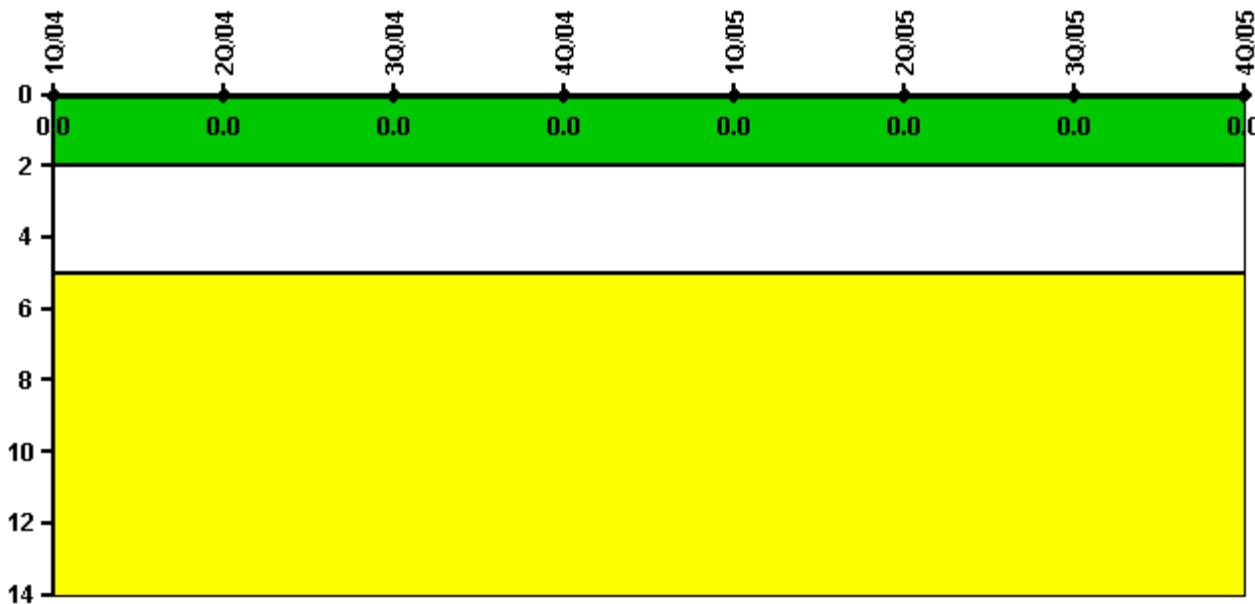


Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Successful siren-tests	712	622	614	621	712	621	711	536
Total sirens-tests	712	623	623	623	712	623	712	536
Indicator value	99.8%	99.8%	99.6%	99.5%	99.5%	99.5%	99.8%	99.9%

Licensee Comments: none

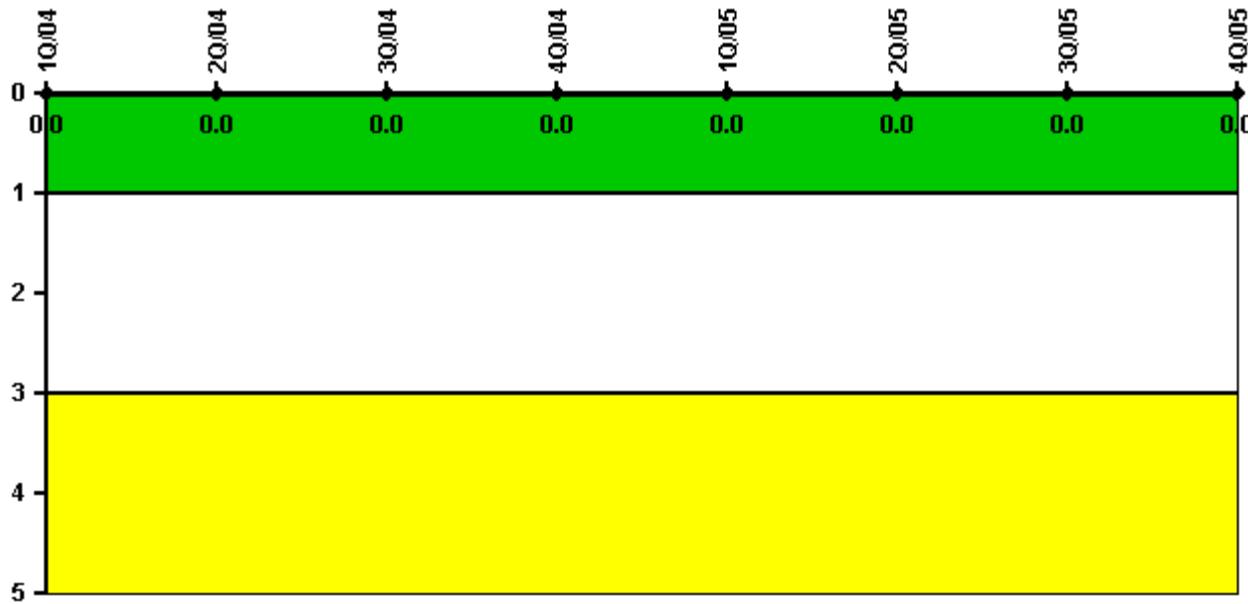
Occupational Exposure Control Effectiveness

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
Indicator value	0							

Licensee Comments: none

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

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

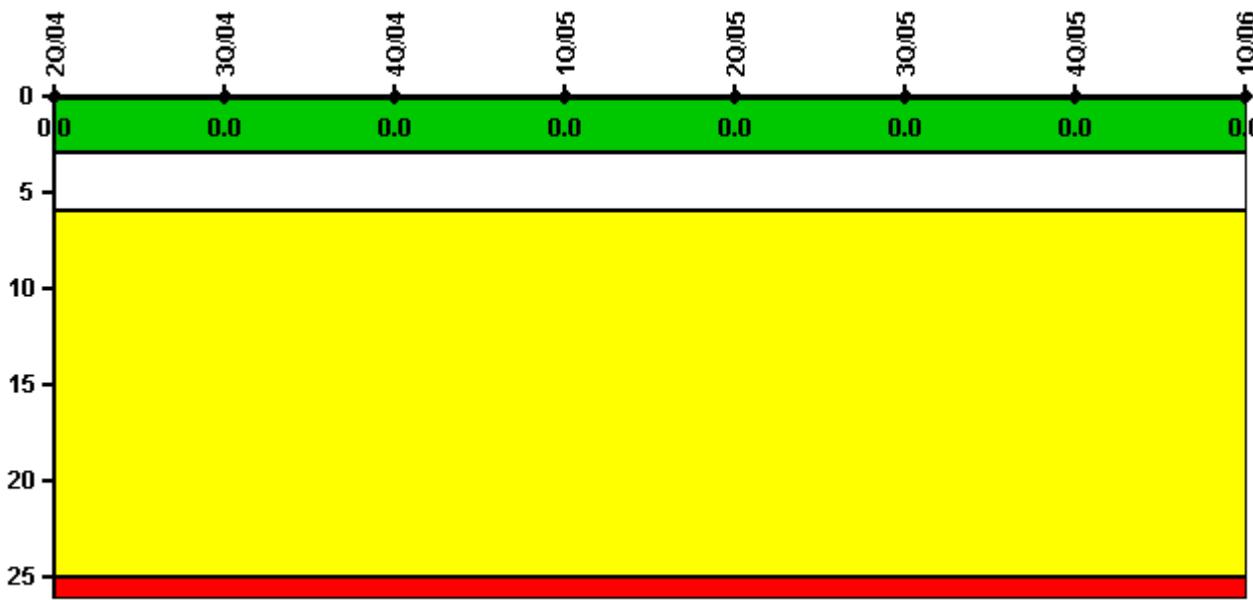


[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: January 30, 2006

Saint Lucie 1**1Q/2006 Performance Indicators**

Licensee's General Comments: none

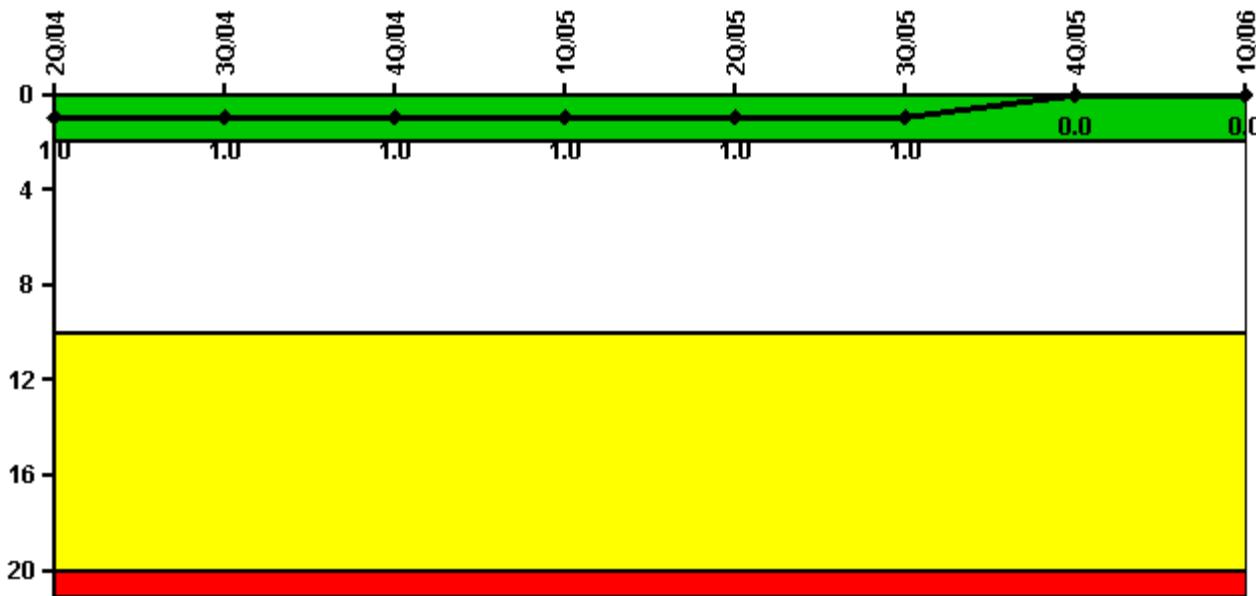
Unplanned Scrams per 7000 Critical Hrs

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	1633.3	1847.3	2166.5	2160.0	2183.0	2208.0	692.0	2160.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

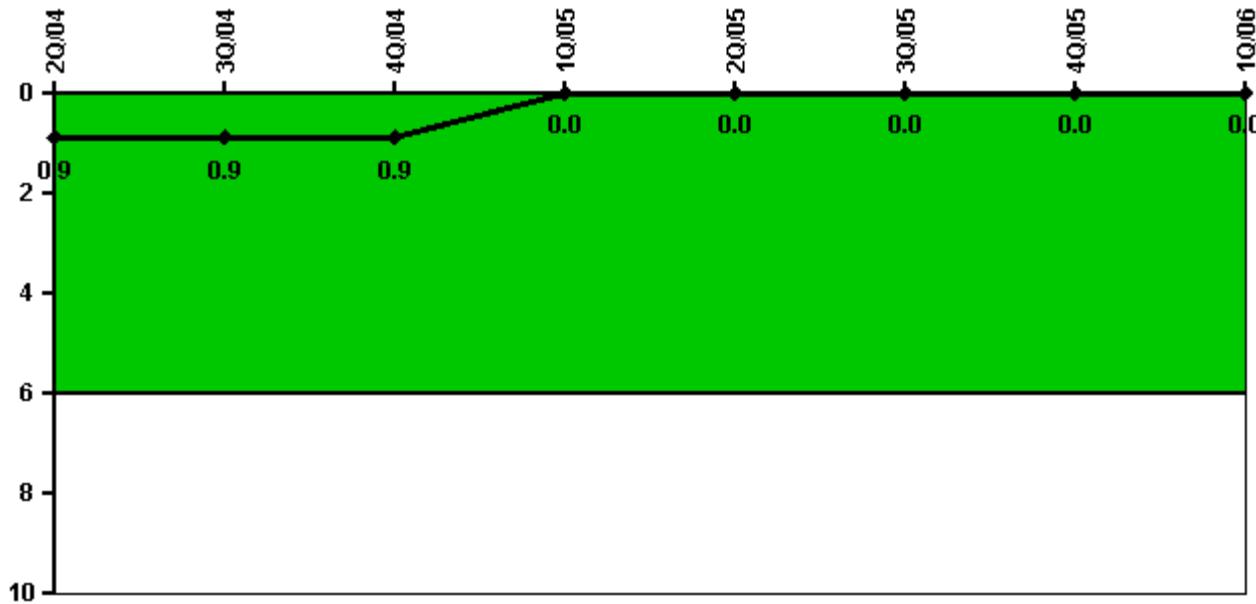
Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

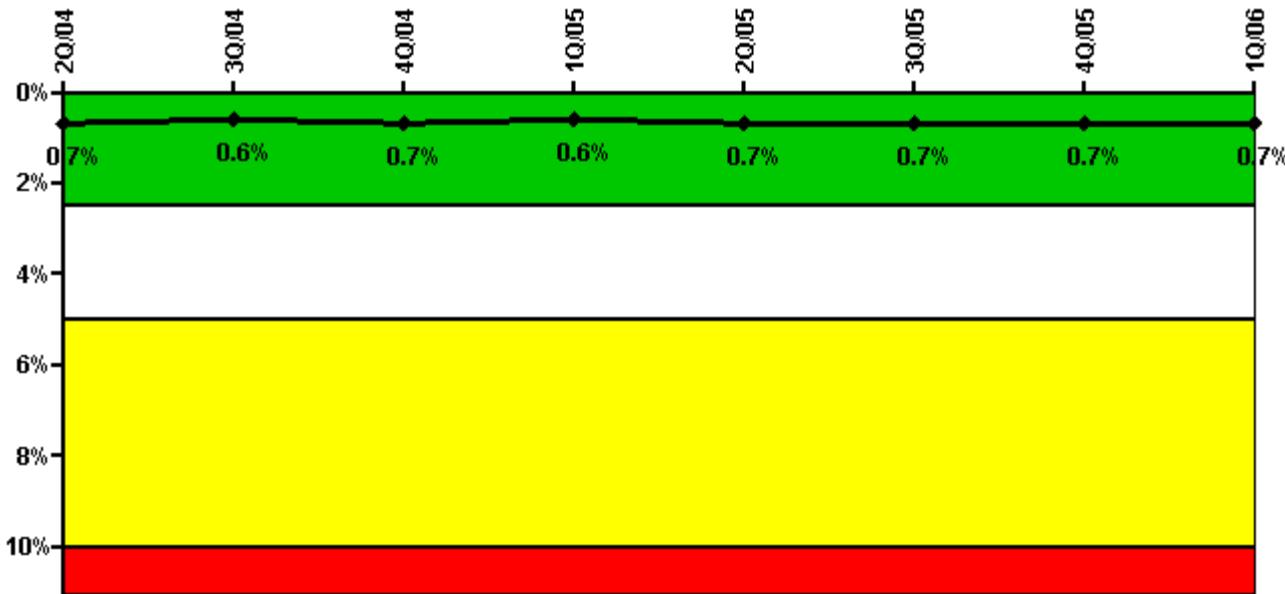
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/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	1633.3	1847.3	2166.5	2160.0	2183.0	2208.0	692.0	2160.0
Indicator value	0.9	0.9	0.9	0	0	0	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



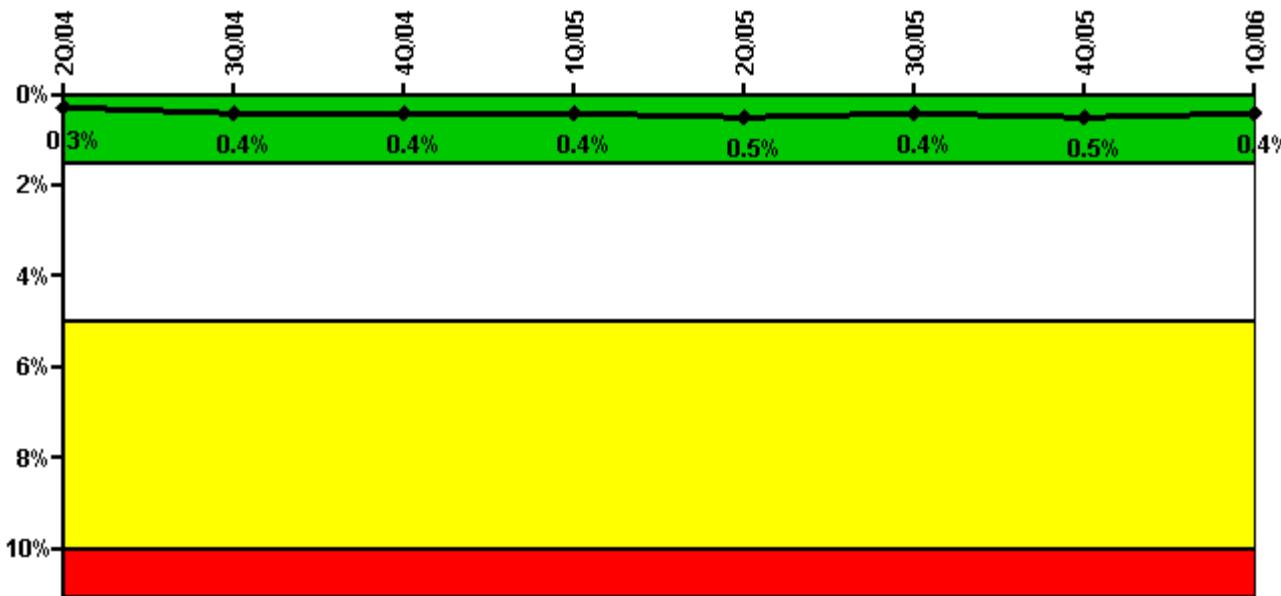
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	7.00	5.90	7.00	3.90	12.40	7.70	5.60	8.50
Unplanned unavailable hours	0	0	0	0	0.02	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	1975.20	2208.00	2209.00	2160.00	2183.00	2208.00	1526.60	2160.00
Train 2								
Planned unavailable hours	6.50	8.60	9.80	4.20	7.70	8.20	5.20	7.00
Unplanned unavailable hours	0	2.00	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	1975.20	2208.00	2209.00	2160.00	2183.00	2208.00	1526.60	2160.00
Indicator value	0.7%	0.6%	0.7%	0.6%	0.7%	0.7%	0.7%	0.7%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



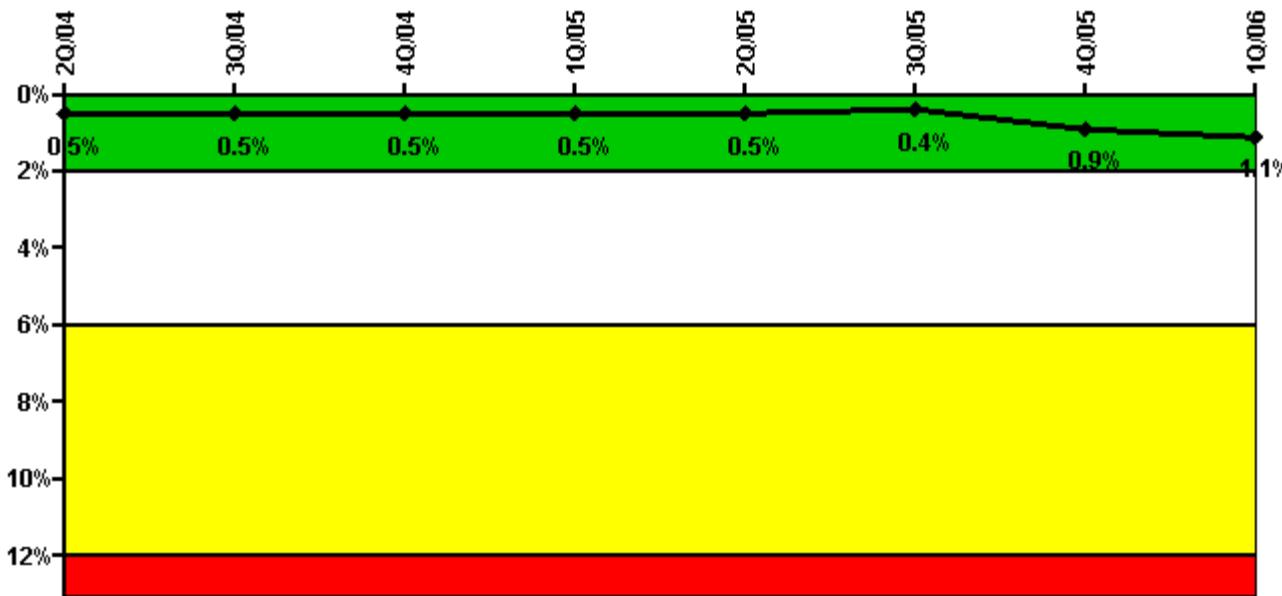
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	14.20	0	24.00	1.40	11.30	1.10	23.90	0.30
Unplanned unavailable hours	0	0	18.90	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	1767.50	2069.10	2209.00	2160.00	2183.00	2208.00	842.20	2160.00
Train 2								
Planned unavailable hours	14.50	28.90	1.30	0.50	16.20	6.30	3.50	1.20
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	1767.50	2069.10	2209.00	2160.00	2183.00	2208.00	842.20	2160.00
Indicator value	0.3%	0.4%	0.4%	0.4%	0.5%	0.4%	0.5%	0.4%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

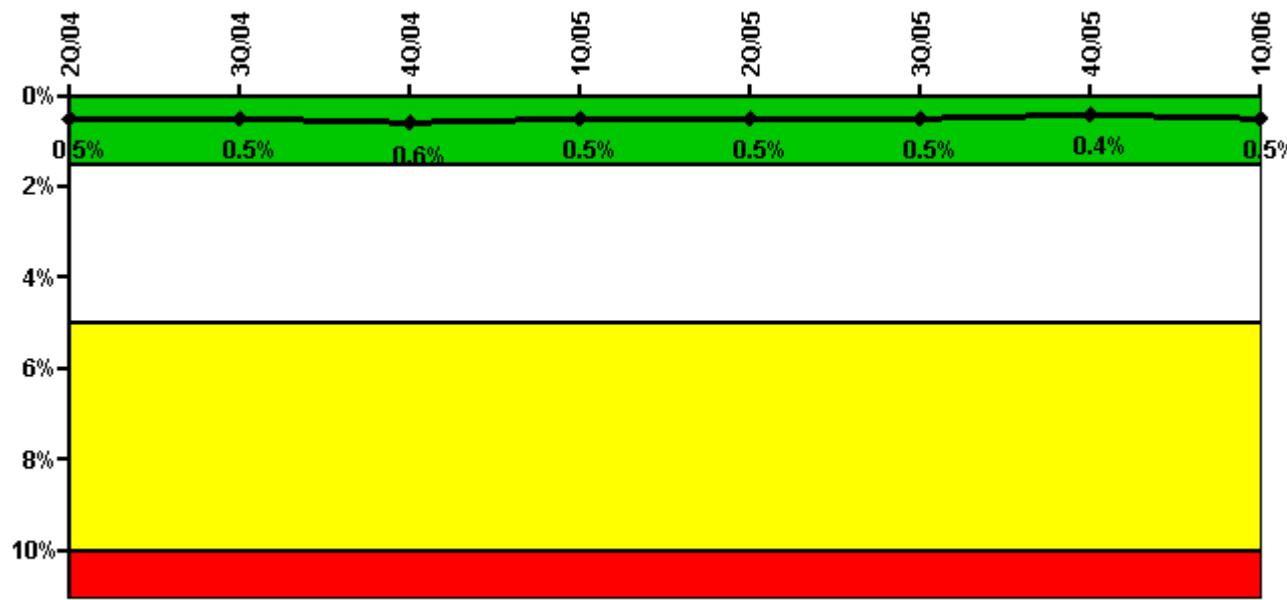
Notes

Safety System Unavailability, Heat Removal System (AFW)	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	9.80	0	11.90	2.70	0	0	0.40	0
Unplanned unavailable hours	0	0	13.70	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	1609.00	1969.00	2209.00	2160.00	2183.00	2208.00	804.00	2160.00
Train 2								
Planned unavailable hours	0	13.90	6.20	0	3.10	6.90	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	1609.00	1969.00	2209.00	2160.00	2183.00	2208.00	804.00	2160.00
Train 3								
Planned unavailable hours	25.50	4.10	13.90	4.90	3.00	2.60	3.10	6.80
Unplanned unavailable hours	46.60	0	0	0	0	0	4.20	38.00
Fault exposure hours	3.00	0	0	0	0	0	373.00	105.00
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1609.00	1969.00	2209.00	2160.00	2183.00	2208.00	804.00	2160.00
Indicator value	0.5%	0.5%	0.5%	0.5%	0.5%	0.4%	0.9%	1.1%

Licensee Comments:

4Q/05: Revised December 2005 data to add fault exposure hours due to the conclusions of the evaluation performed on the improperly latched overspeed trip mechanism (see LER 50-335/2006-001-00).

Safety System Unavailability, Residual Heat Removal System



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

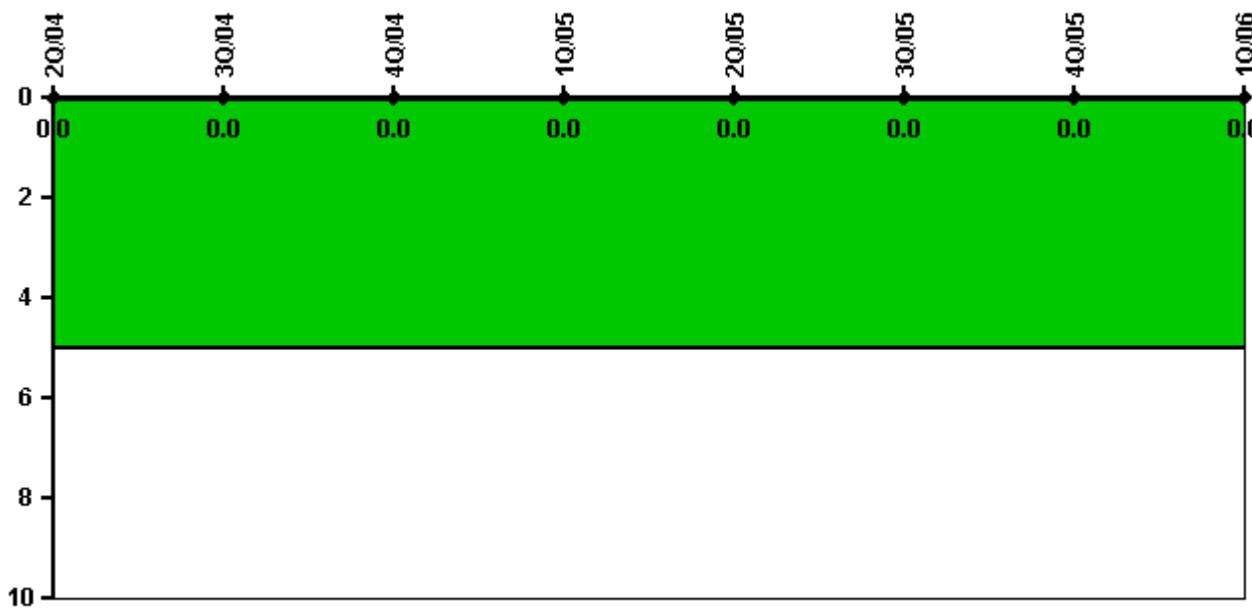
Notes

Safety System Unavailability, Residual Heat Removal System		2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1									
Planned unavailable hours		2.60	1.30	52.60	25.40	2.60	5.40	0.30	2.10
Unplanned unavailable hours		0	0	18.90	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		1701.70	1885.20	2209.00	2160.00	2183.00	2208.00	768.20	2160.00
Train 2									
Planned unavailable hours		16.20	68.30	22.50	10.60	2.30	14.00	5.00	27.20
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		1701.70	1885.20	2209.00	2160.00	2183.00	2208.00	768.20	2160.00
Train 3									
Planned unavailable hours		0	0	0	0	0	0	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		288.70	241.00	0	0	0	0	995.80	0
Train 4									
Planned unavailable hours		0	0	0	0	0	0	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		288.70	241.00	0	0	0	0	995.80	0

Indicator value	0.5%	0.5%	0.6%	0.5%	0.5%	0.5%	0.4%	0.5%
-----------------	------	------	------	------	------	------	------	------

Licensee Comments: none

Safety System Functional Failures (PWR)



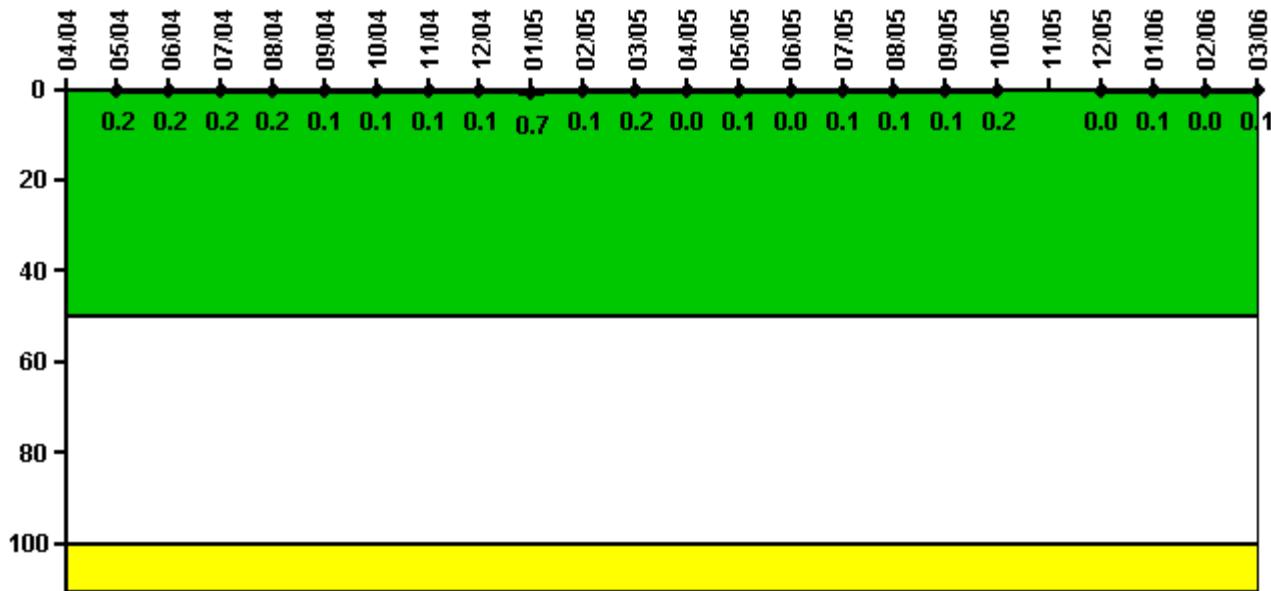
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
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



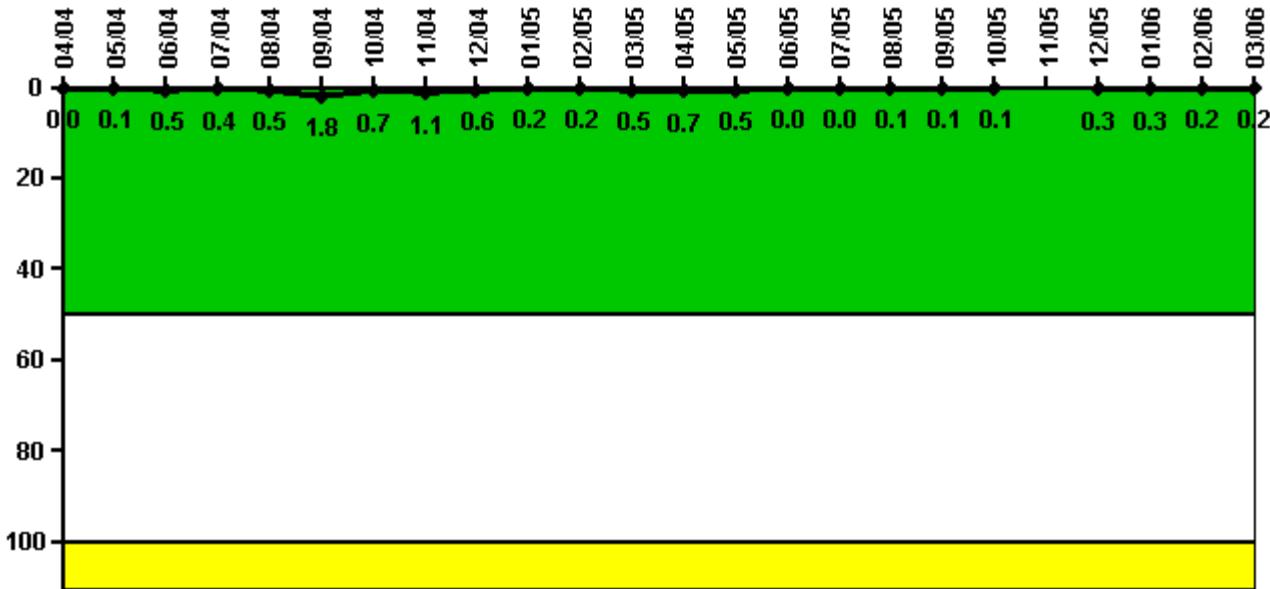
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	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	N/A	0.001930	0.002130	0.002150	0.001860	0.000903	0.000648	0.000634	0.001050	0.006540	0.000655	0.002160
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	N/A	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.7	0.1	0.2
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	0.000487	0.001160	0.000486	0.000772	0.000719	0.000755	0.001540	N/A	0.000313	0.001030	0.000481	0.000514
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0.1	0	0.1	0.1	0.1	0.2	N/A	0	0.1	0	0.1

Licensee Comments: none

Reactor Coolant System Leakage



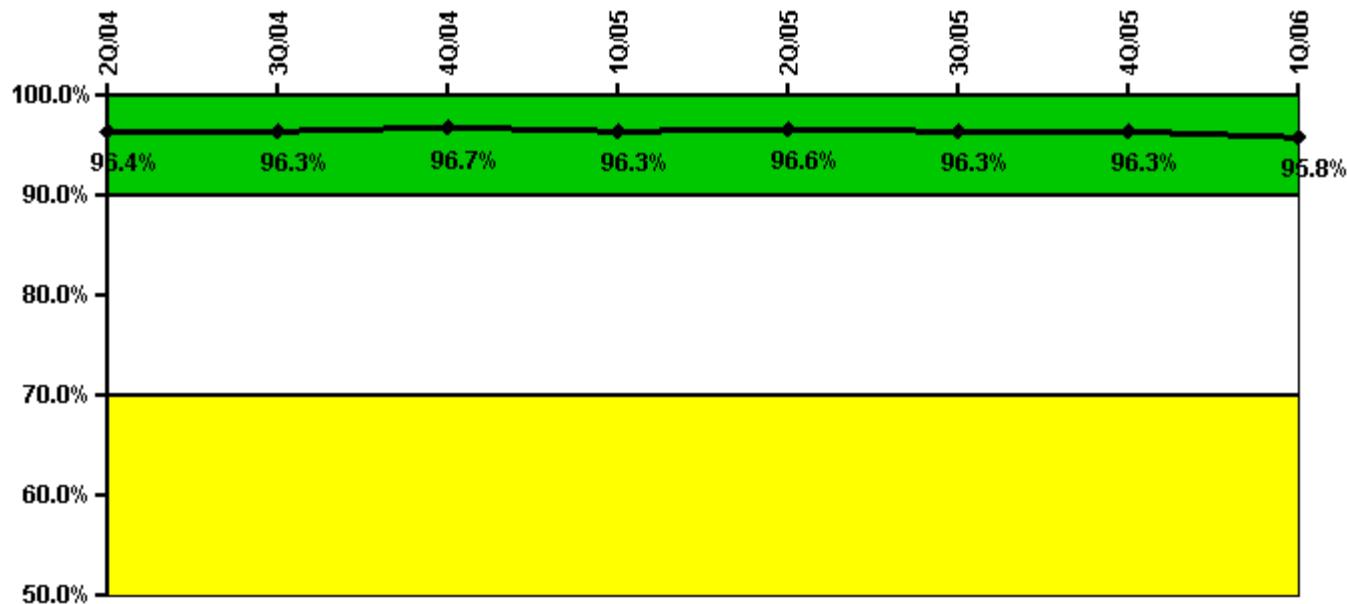
Thresholds: White > 50.0 Yellow > 100.0

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	0	0.010	0.050	0.040	0.054	0.180	0.070	0.110	0.060	0.020	0.020	0.050
Indicator value	0	0.1	0.5	0.4	0.5	1.8	0.7	1.1	0.6	0.2	0.2	0.5
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	0.070	0.045	0	0.003	0.005	0.010	0.009	N/A	0.030	0.030	0.020	0.020
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.7	0.5	0	0	0.1	0.1	0.1	N/A	0.3	0.3	0.2	0.2

Licensee Comments: none

Drill/Exercise Performance



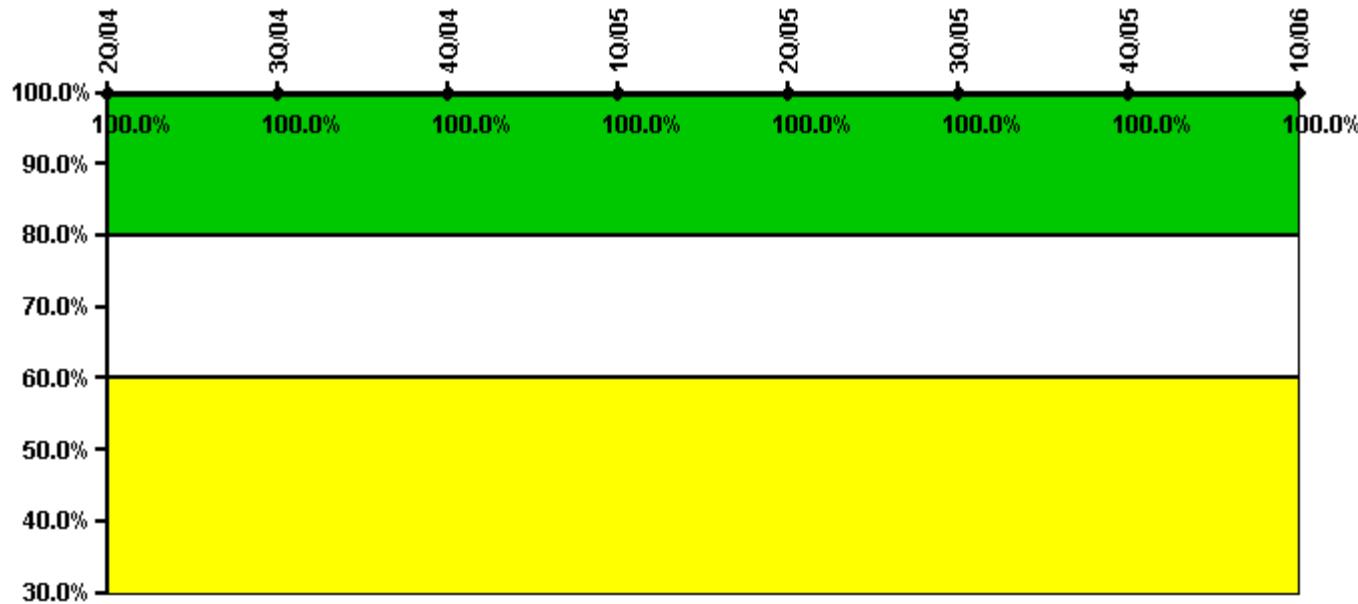
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Successful opportunities	47.0	60.0	28.0	39.0	88.0	67.0	9.0	49.0
Total opportunities	49.0	63.0	28.0	41.0	90.0	71.0	10.0	52.0
Indicator value	96.4%	96.3%	96.7%	96.3%	96.6%	96.3%	96.3%	95.8%

Licensee Comments: none

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

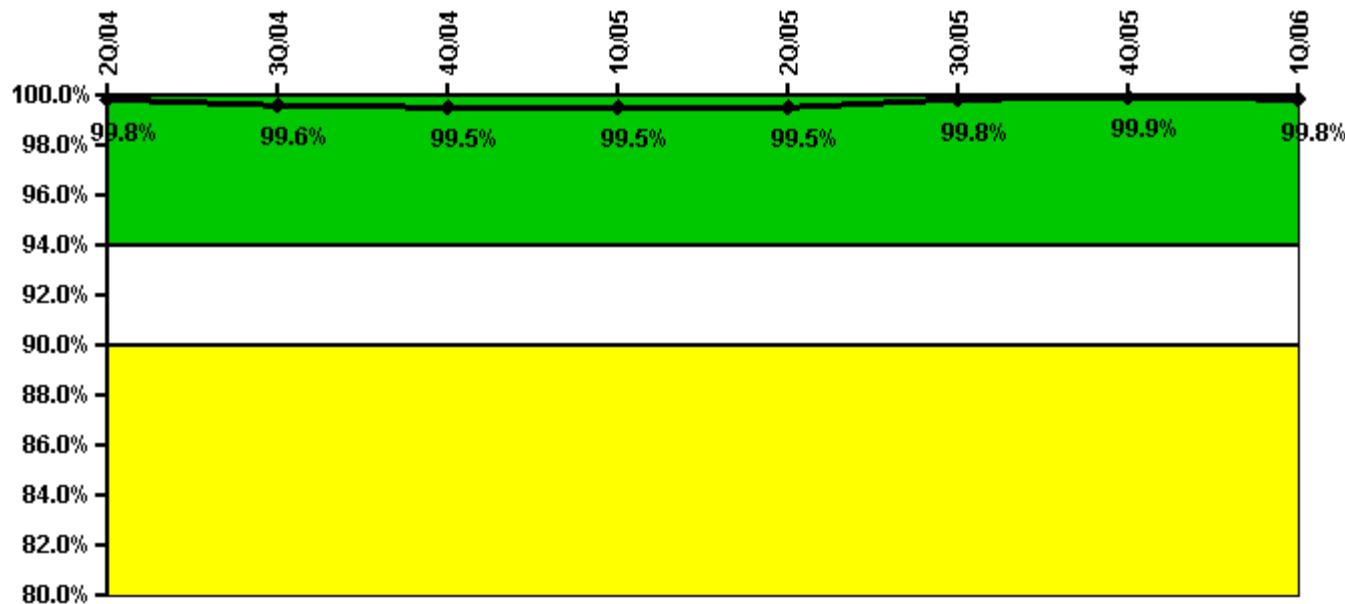
Notes

ERO Drill Participation	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Participating Key personnel	85.0	86.0	86.0	89.0	87.0	88.0	87.0	81.0
Total Key personnel	85.0	86.0	86.0	89.0	87.0	88.0	87.0	81.0
Indicator value	100.0%							

Licensee Comments:

4Q/05: A change file was necessary to swap the submitted ERO participation data from the October to December data elements. This data swap performed no change to the aggregate 4Q/2005 data, but is necessary for CDE 2.0 to properly calculate the indicator value.

Alert & Notification System

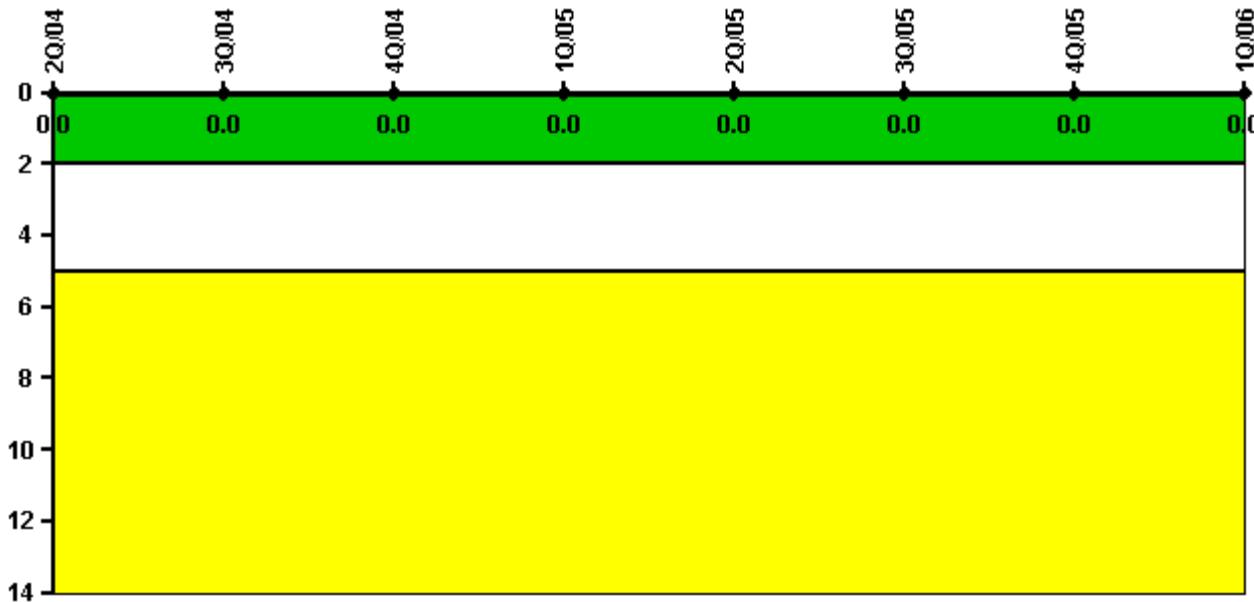


Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Successful siren-tests	622	614	621	712	621	711	536	719
Total sirens-tests	623	623	623	712	623	712	536	720
Indicator value	99.8%	99.6%	99.5%	99.5%	99.5%	99.8%	99.9%	99.8%

Licensee Comments: none

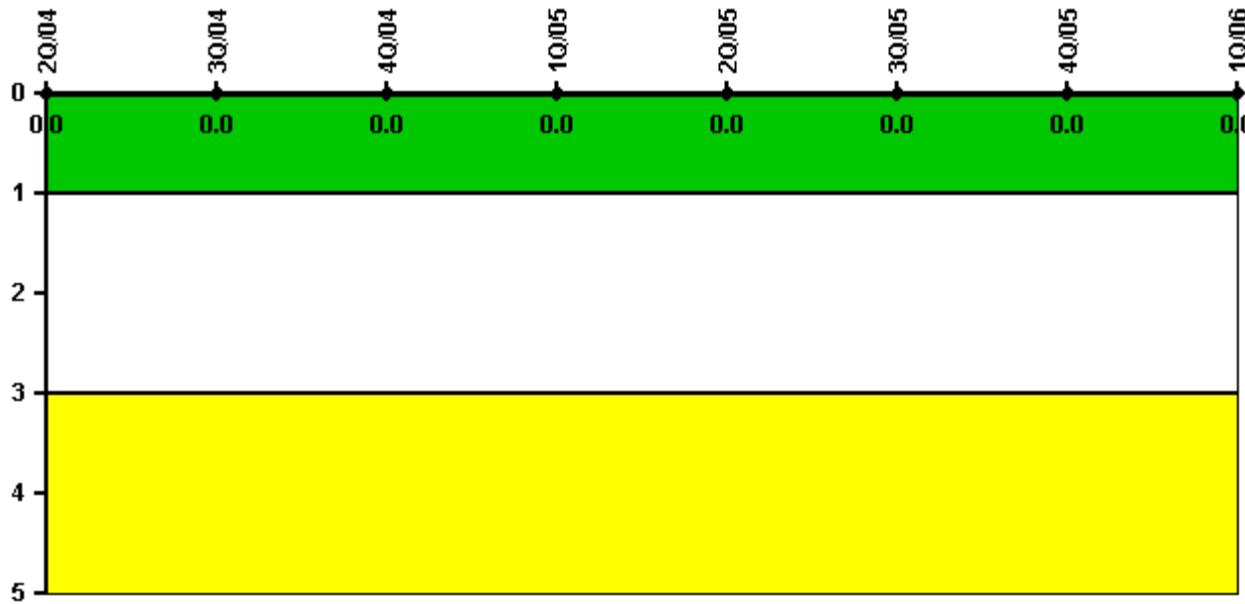
Occupational Exposure Control Effectiveness

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
Indicator value	0							

Licensee Comments: none

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	0							

Licensee Comments: none

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



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

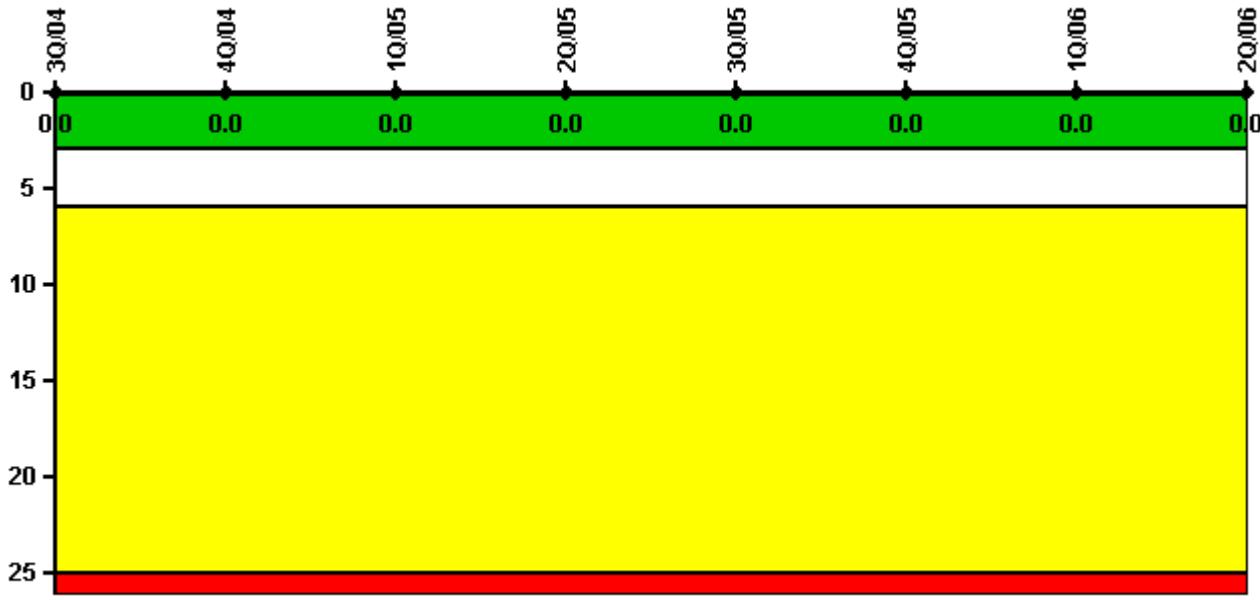
Last Modified: May 5, 2006

Saint Lucie 1

2Q/2006 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs

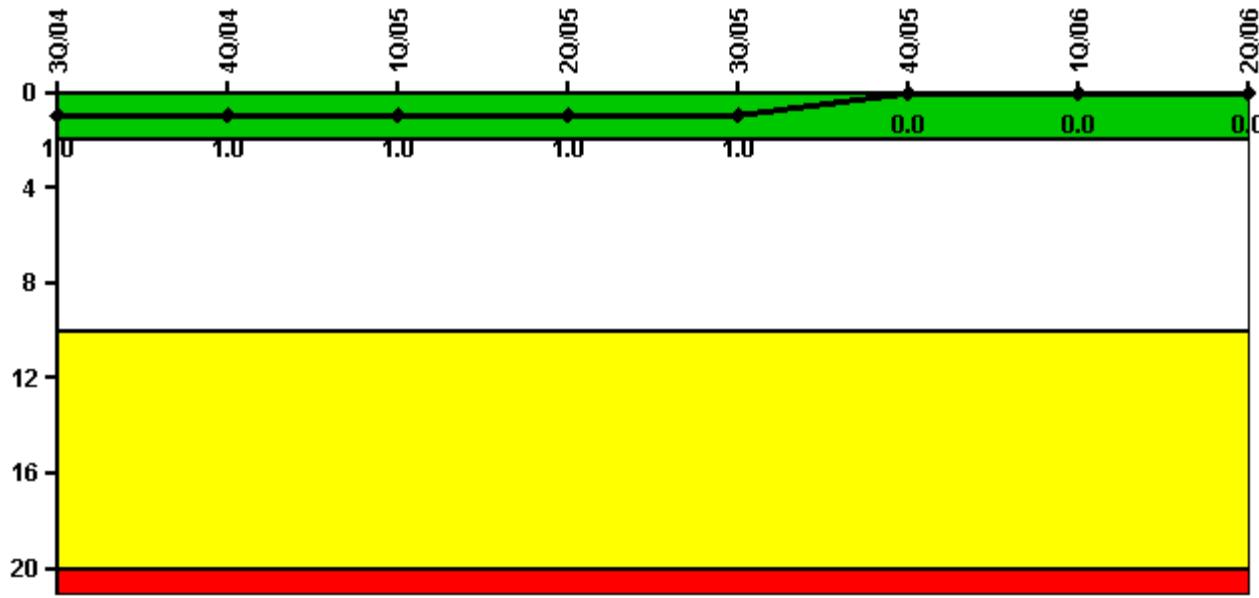


Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	1847.3	2166.5	2160.0	2183.0	2208.0	692.0	2160.0	2183.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

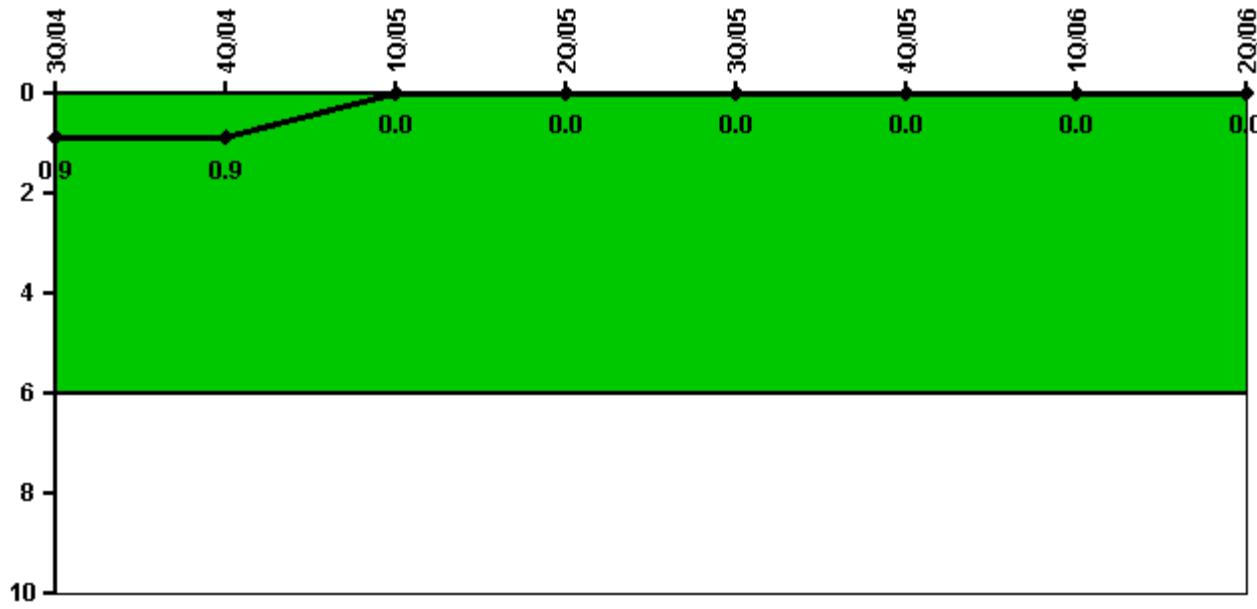
Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

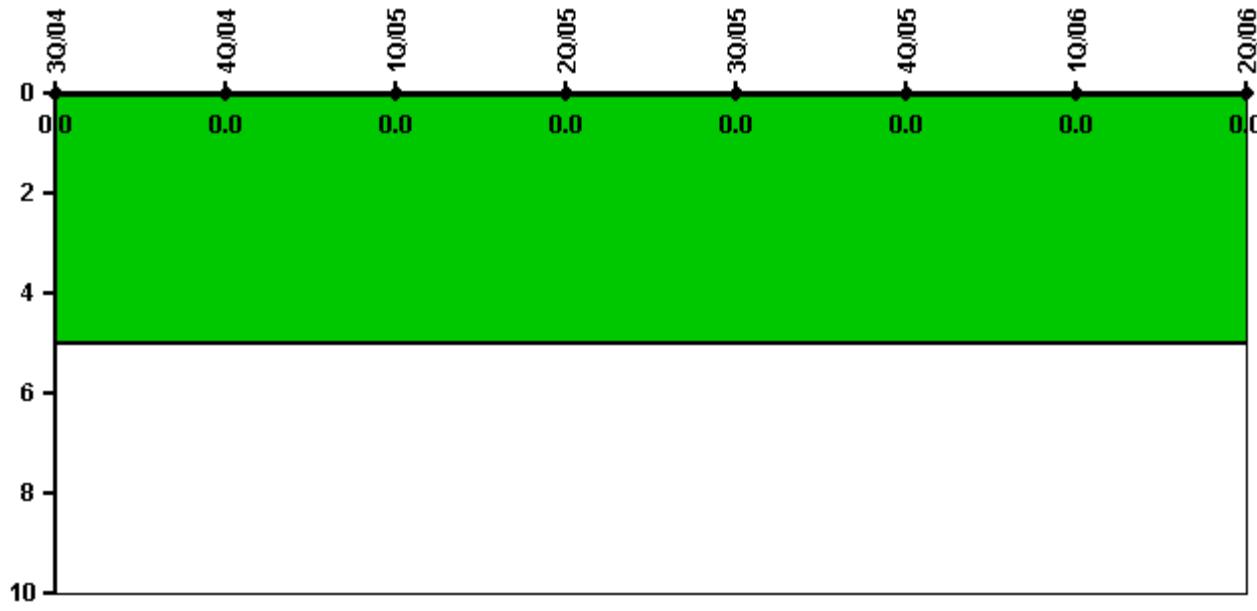
Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/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	1847.3	2166.5	2160.0	2183.0	2208.0	692.0	2160.0	2183.0
Indicator value	0.9	0.9	0	0	0	0	0	0

Licensee Comments: none

Safety System Functional Failures (PWR)

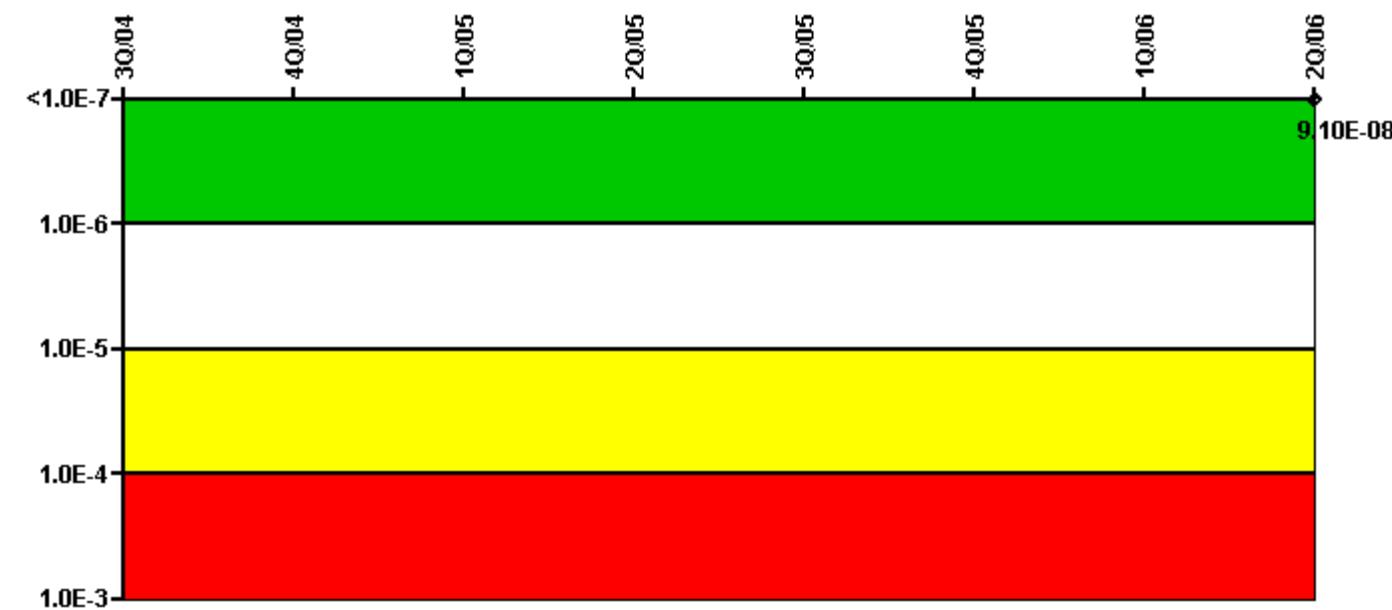
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



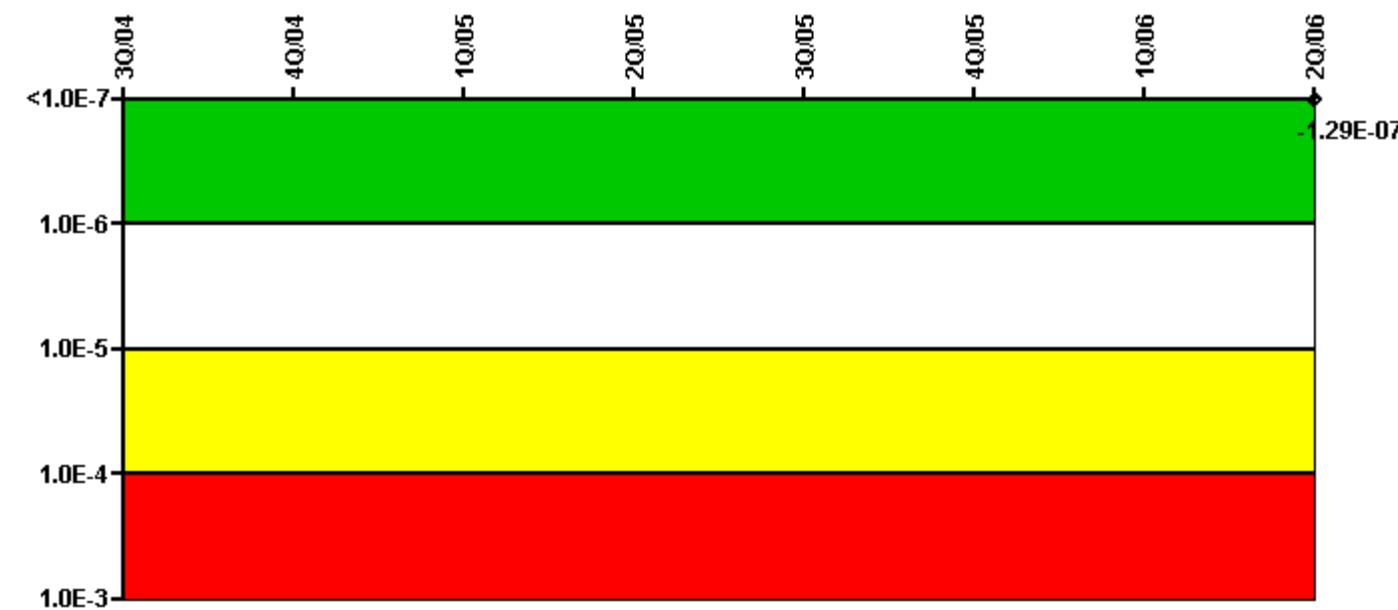
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (Δ CDF)								4.50E-08
URI (Δ CDF)								4.60E-08
PLE								NO
Indicator value								9.10E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



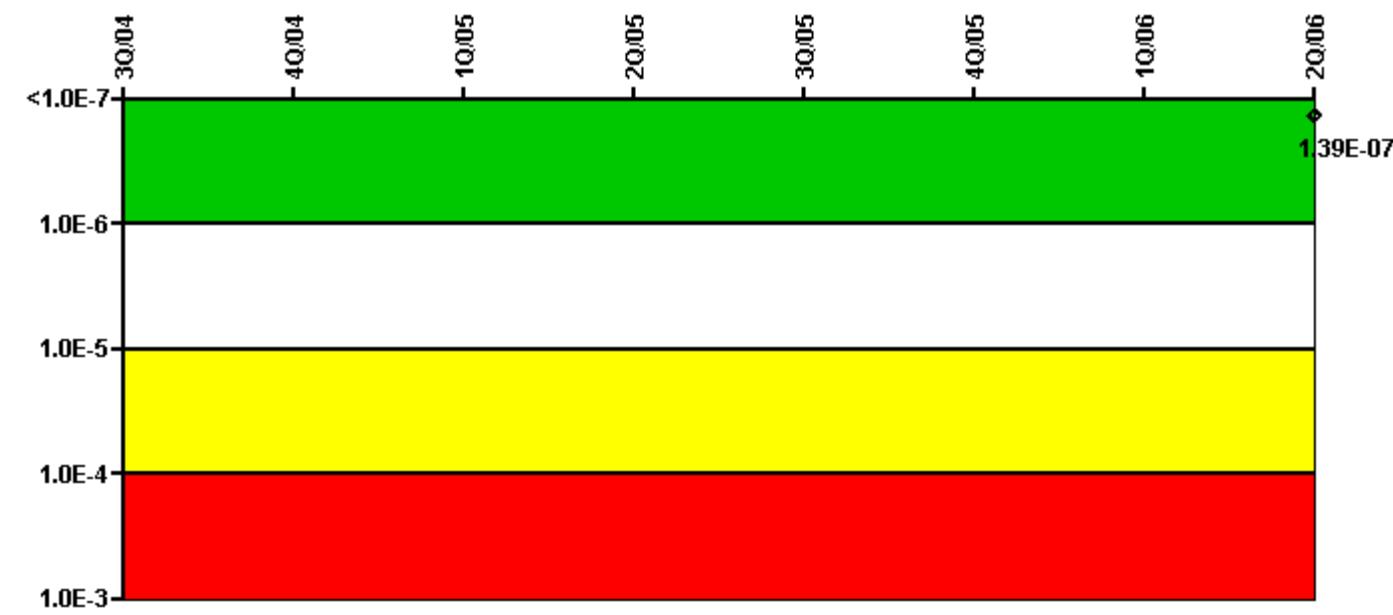
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (Δ CDF)								7.10E-08
URI (Δ CDF)								-2.00E-07
PLE								NO
Indicator value								-1.29E-07

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



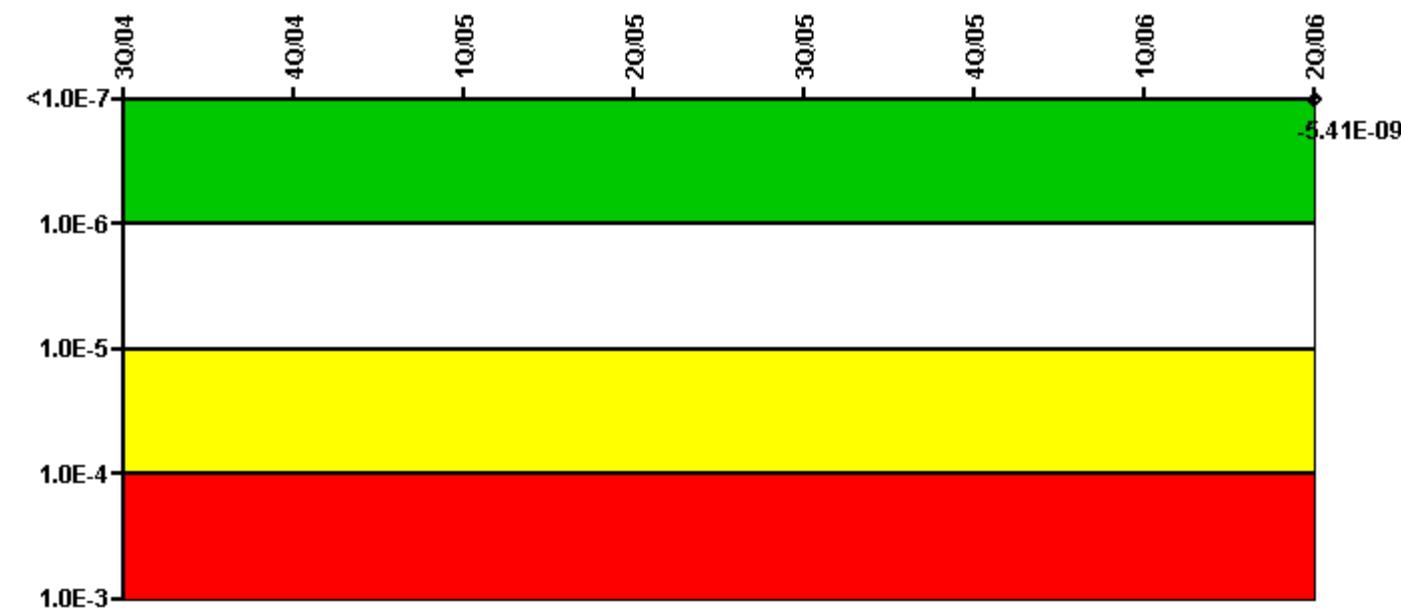
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (Δ CDF)								2.90E-08
URI (Δ CDF)								1.10E-07
PLE								NO
Indicator value								1.39E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



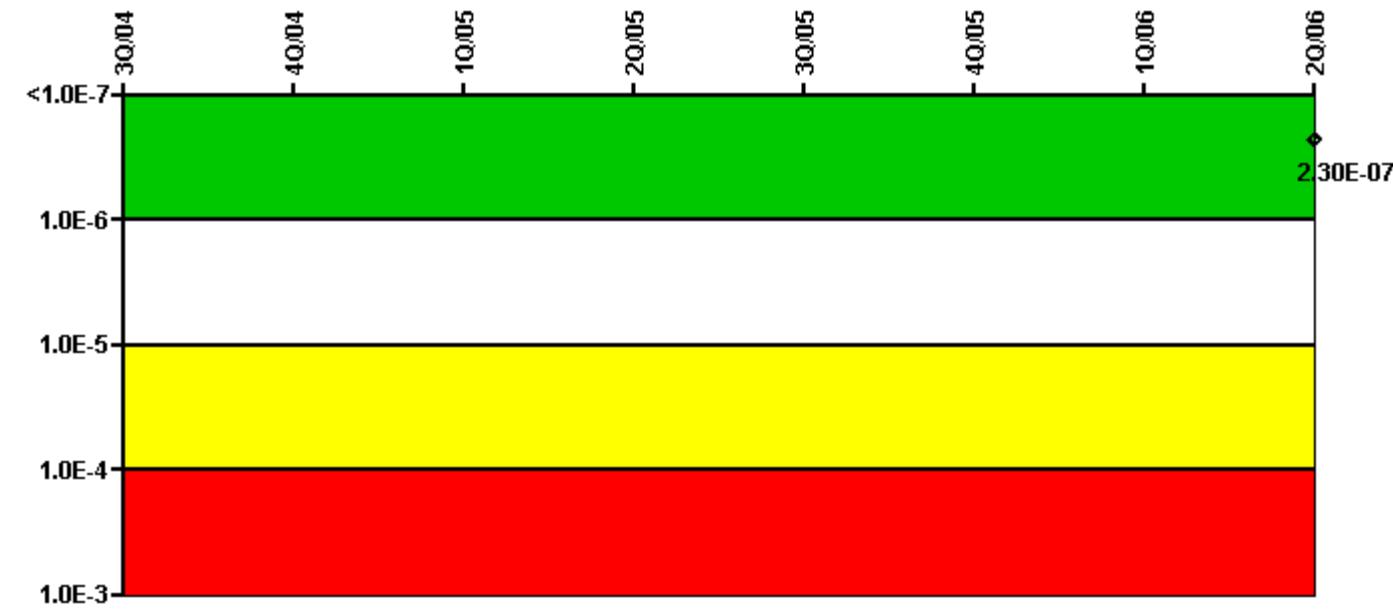
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (Δ CDF)								-6.10E-10
URI (Δ CDF)								-4.80E-09
PLE								NO
Indicator value								-5.41E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



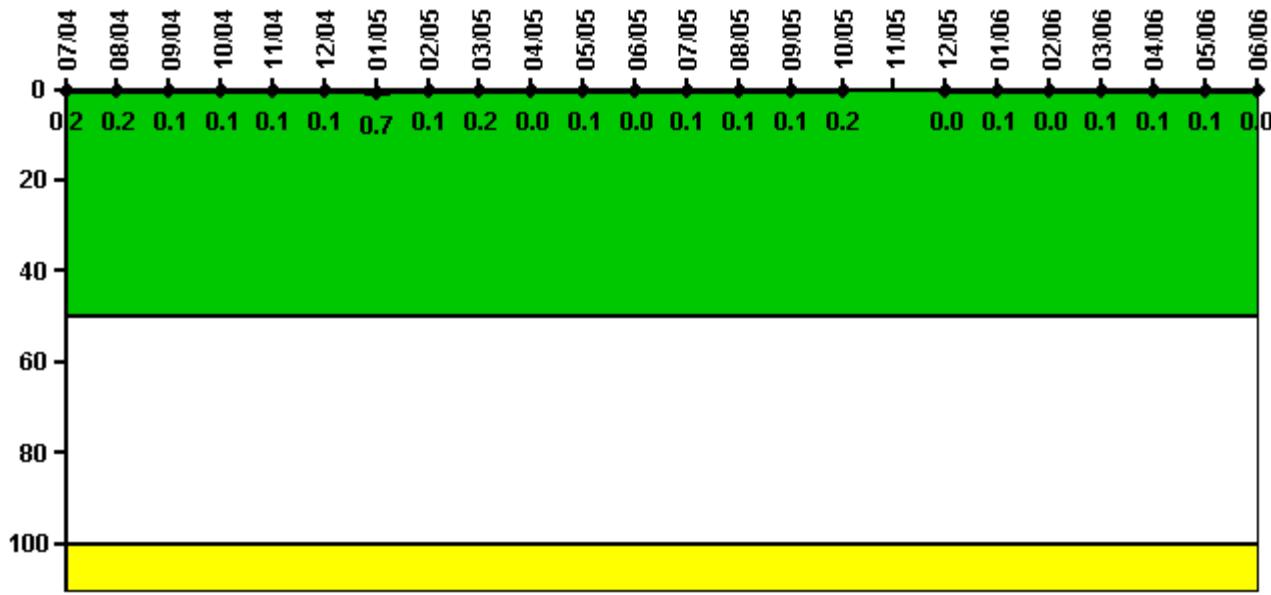
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (Δ CDF)								1.10E-07
URI (Δ CDF)								1.20E-07
PLE								NO
Indicator value								2.30E-07

Licensee Comments: none

Reactor Coolant System Activity



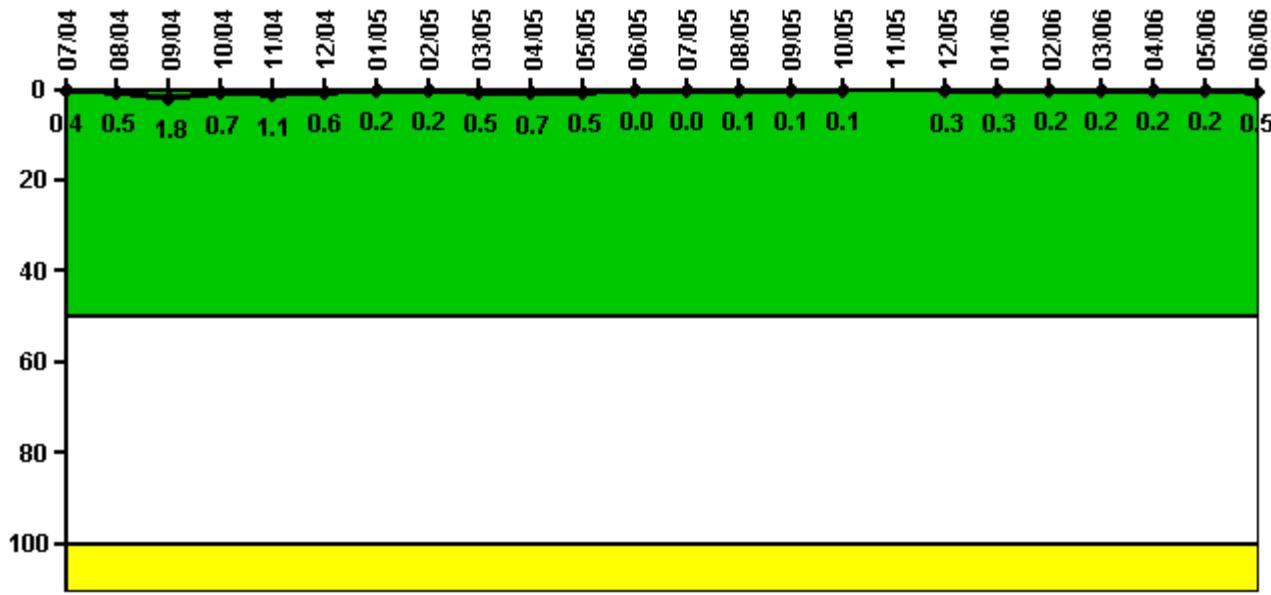
Thresholds: White > 50.0 Yellow > 100.0

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	0.002150	0.001860	0.000903	0.000648	0.000634	0.001050	0.006540	0.000655	0.002160	0.000487	0.001160	0.000486
Indicator value	0.2	0.2	0.1	0.1	0.1	0.1	0.7	0.1	0.2	0	0.1	0
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	0.000772	0.000719	0.000755	0.001540	N/A	0.000313	0.001030	0.000481	0.000514	0.000526	0.000519	0.000467
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.2	N/A	0	0.1	0	0.1	0.1	0.1	0

Licensee Comments: none

Reactor Coolant System Leakage



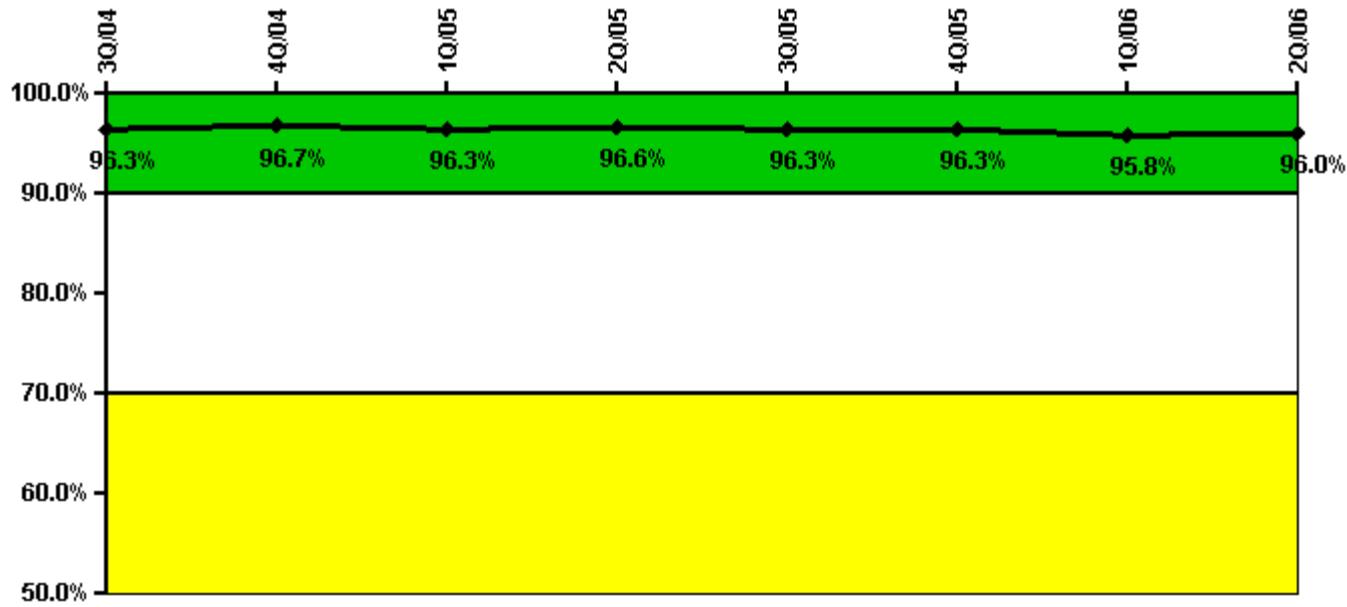
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	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	0.040	0.054	0.180	0.070	0.110	0.060	0.020	0.020	0.050	0.070	0.045	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.5	1.8	0.7	1.1	0.6	0.2	0.2	0.5	0.7	0.5	0
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	0.003	0.005	0.010	0.009	N/A	0.030	0.030	0.020	0.020	0.023	0.018	0.045
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0.1	0.1	0.1	N/A	0.3	0.3	0.2	0.2	0.2	0.2	0.5

Licensee Comments: none

Drill/Exercise Performance

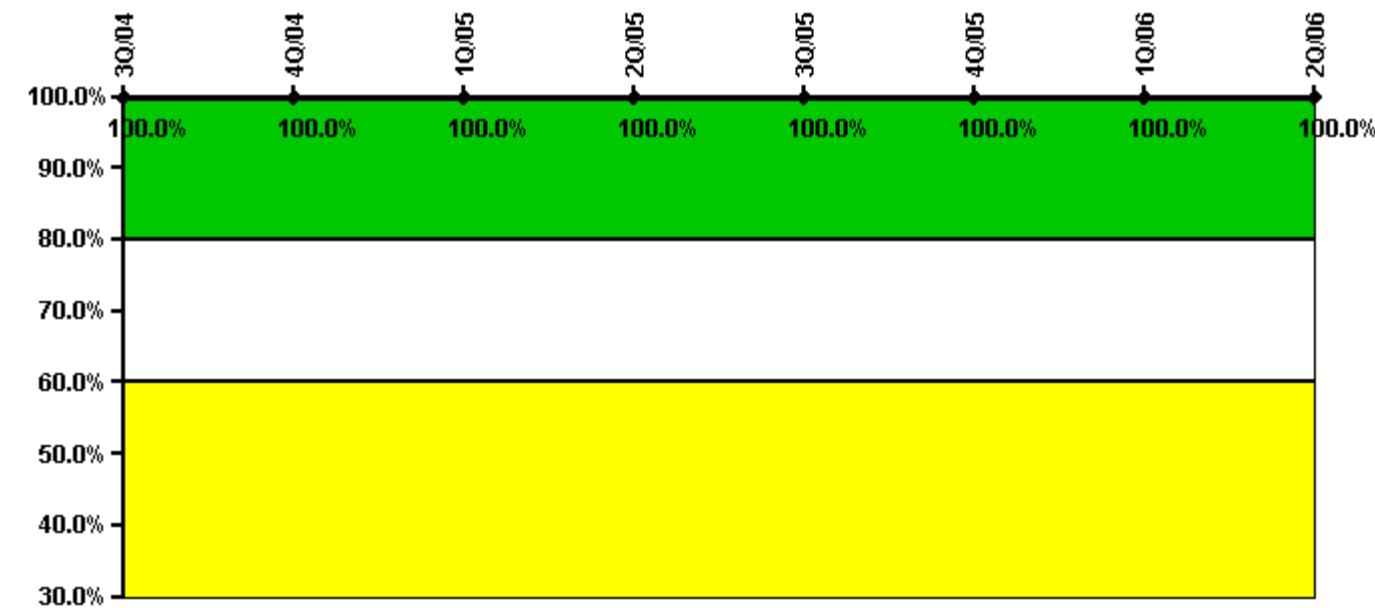


Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Successful opportunities	60.0	28.0	39.0	88.0	67.0	9.0	49.0	66.0
Total opportunities	63.0	28.0	41.0	90.0	71.0	10.0	52.0	68.0
Indicator value	96.3%	96.7%	96.3%	96.6%	96.3%	96.3%	95.8%	96.0%

Licensee Comments: none

ERO Drill Participation

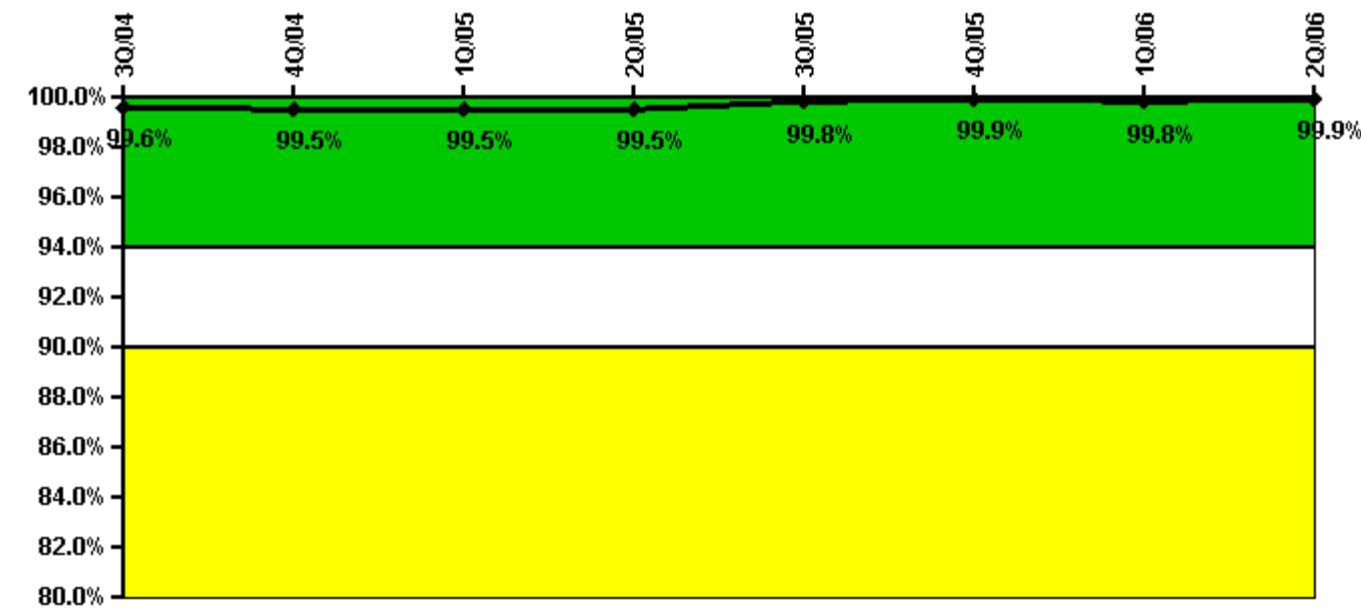
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Participating Key personnel	86.0	86.0	89.0	87.0	88.0	87.0	81.0	91.0
Total Key personnel	86.0	86.0	89.0	87.0	88.0	87.0	81.0	91.0
Indicator value	100.0%							

Licensee Comments: none

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	614	621	712	621	711	536	719	630
Total sirens-tests	623	623	712	623	712	536	720	630
Indicator value	99.6%	99.5%	99.5%	99.5%	99.8%	99.9%	99.8%	99.9%

Licensee Comments: none

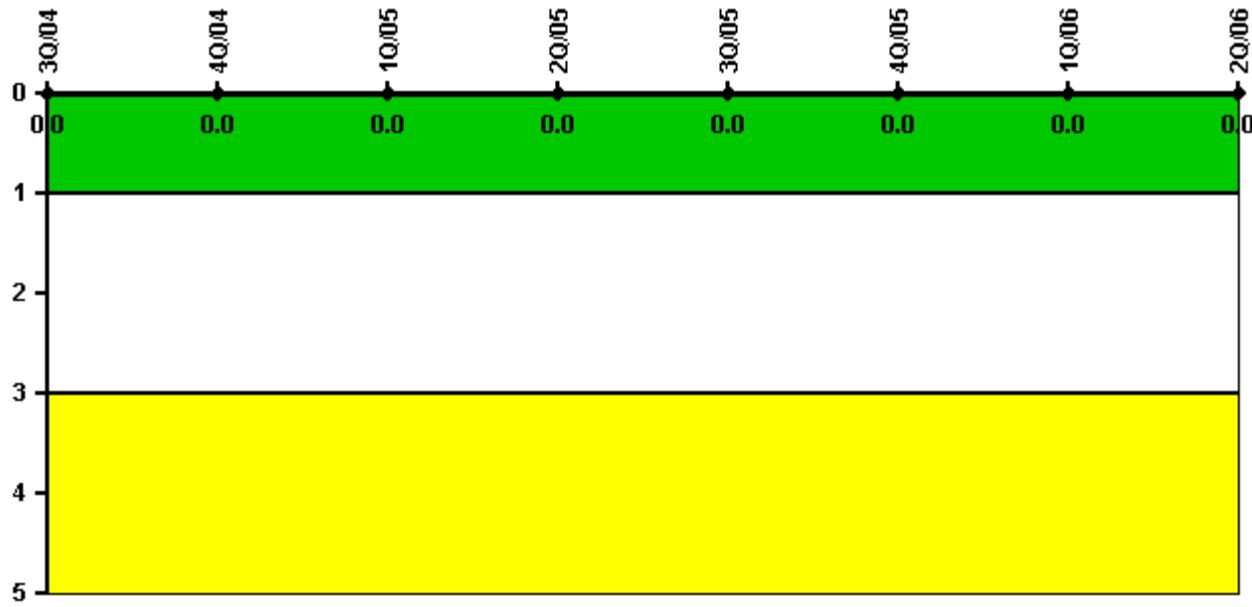
Occupational Exposure Control Effectiveness

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
Indicator value	0							

Licensee Comments: none

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

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



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

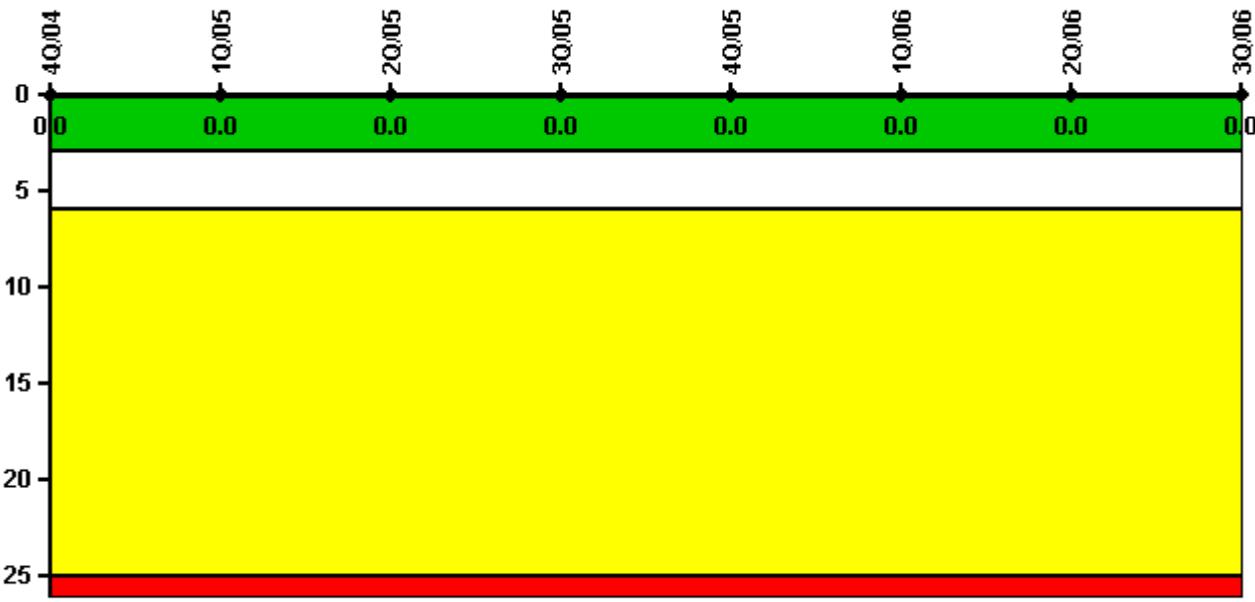
Last Modified: August 2, 2006

Saint Lucie 1

3Q/2006 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs

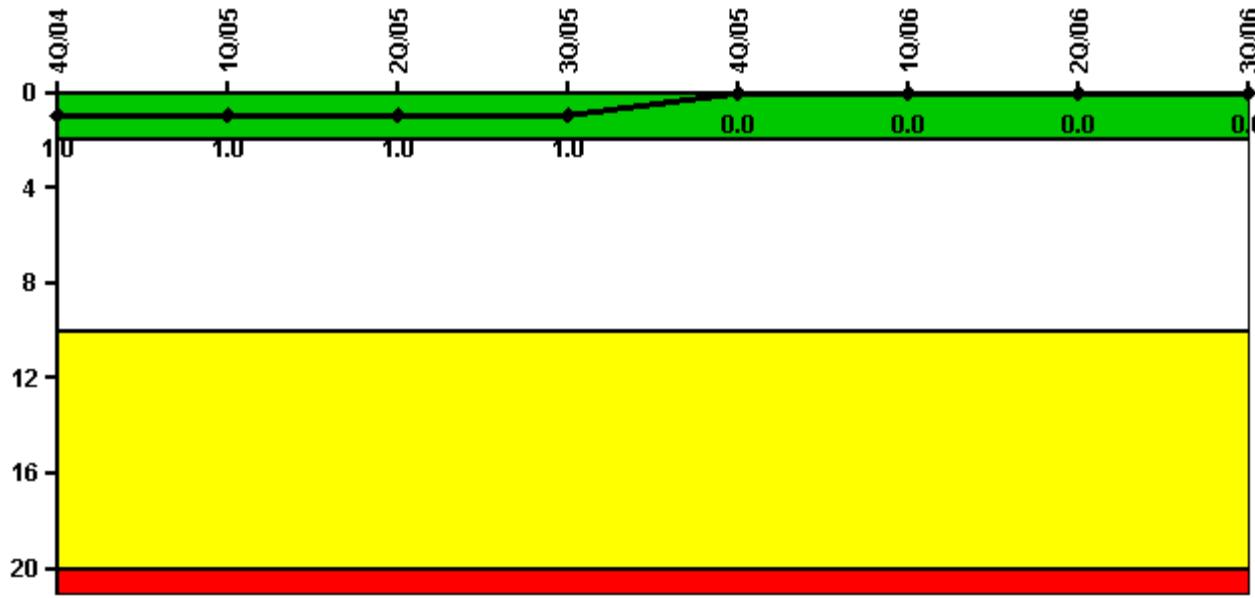


Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	0	0	0
Critical hours	2166.5	2160.0	2183.0	2208.0	692.0	2160.0	2183.0	2208.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

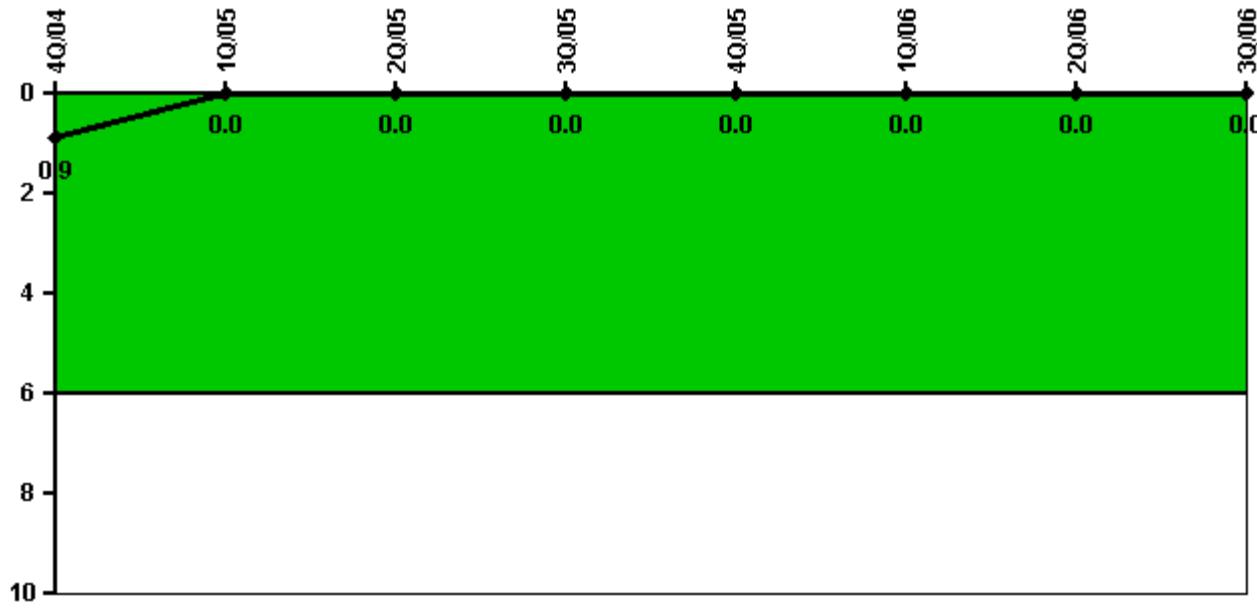
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

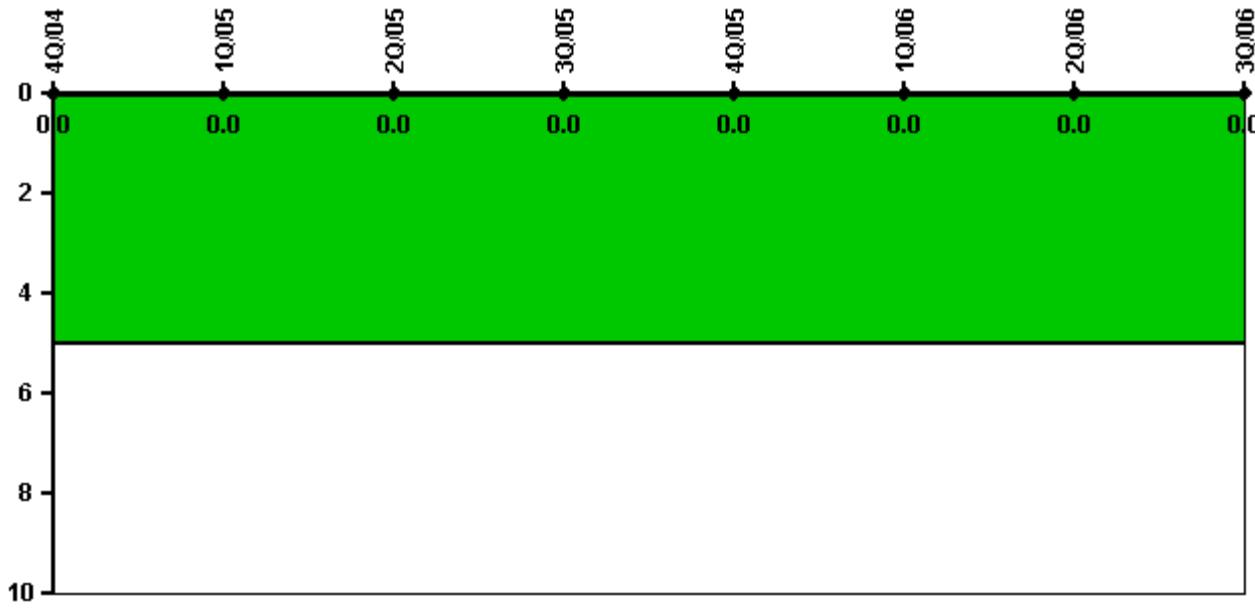


Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/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	2166.5	2160.0	2183.0	2208.0	692.0	2160.0	2183.0	2208.0
Indicator value	0.9	0	0	0	0	0	0	0

Licensee Comments: none

Safety System Functional Failures (PWR)

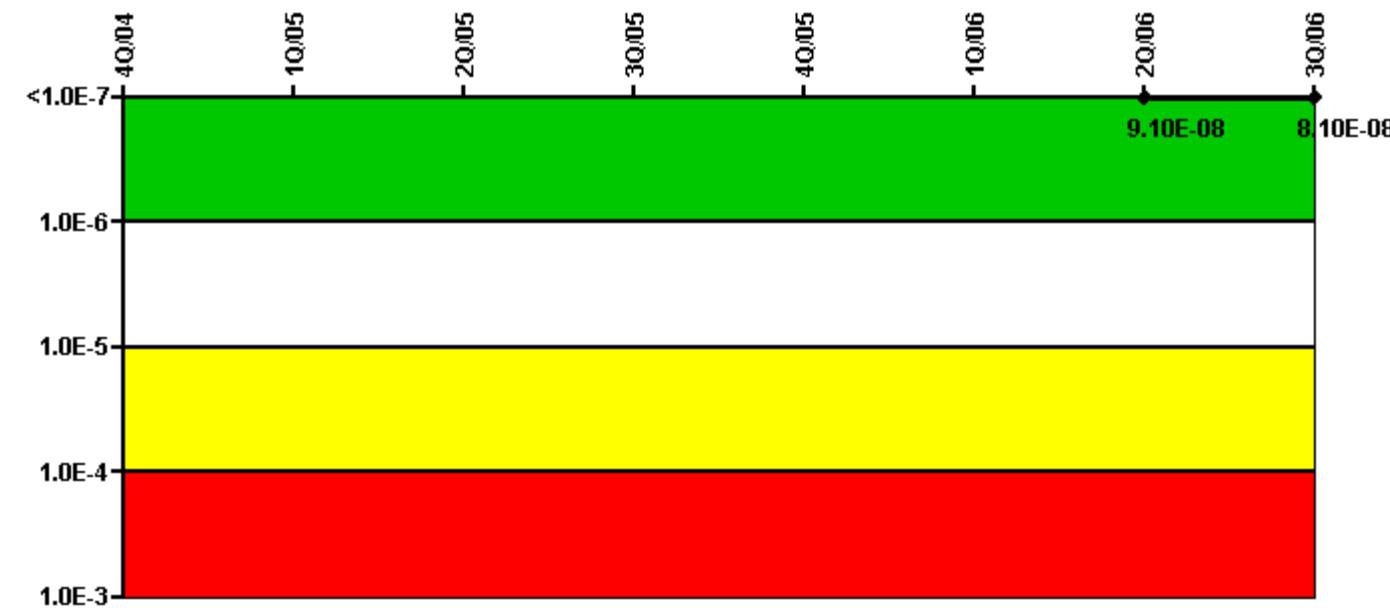
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



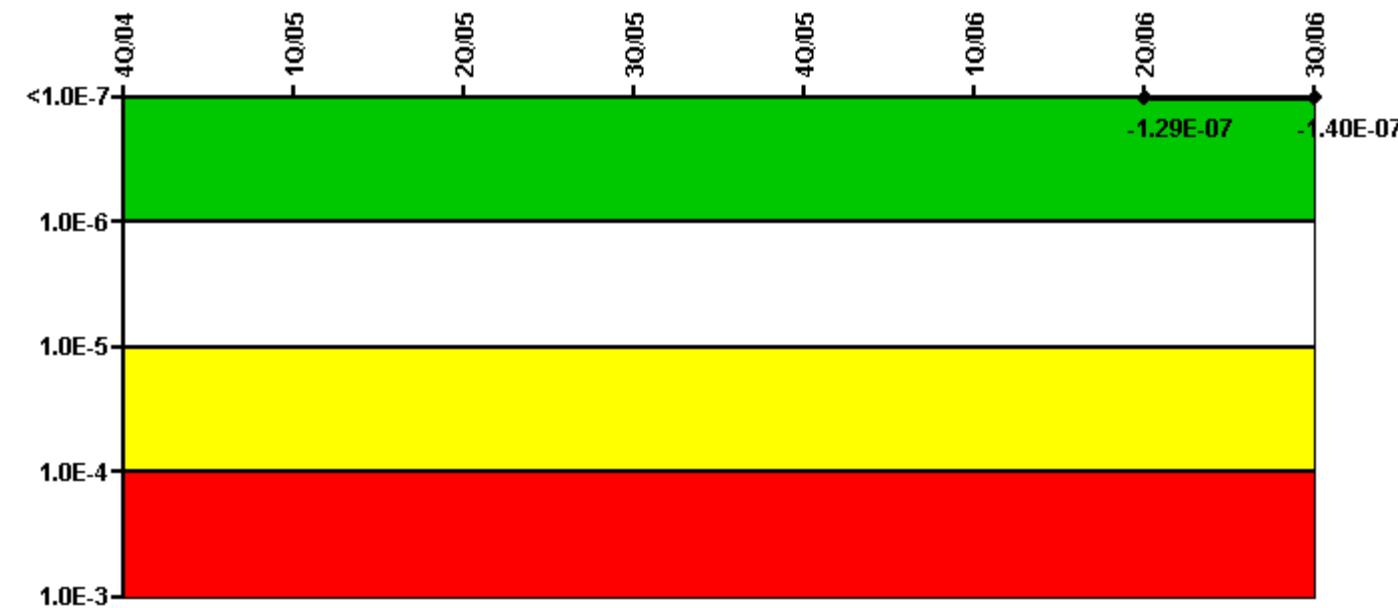
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (ΔCDF)							4.50E-08	3.50E-08
URI (ΔCDF)							4.60E-08	4.60E-08
PLE							NO	NO
Indicator value							9.10E-08	8.10E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



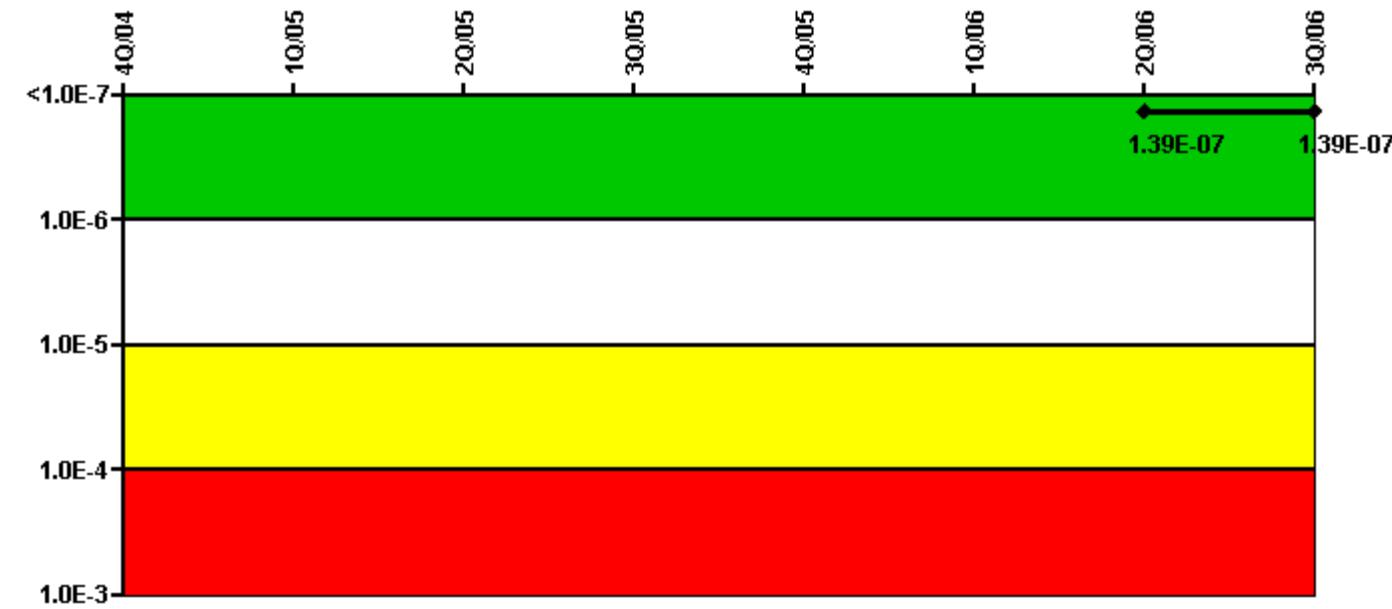
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (Δ CDF)							7.10E-08	6.00E-08
URI (Δ CDF)							-2.00E-07	-2.00E-07
PLE							NO	NO
Indicator value							-1.29E-07	-1.40E-07

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



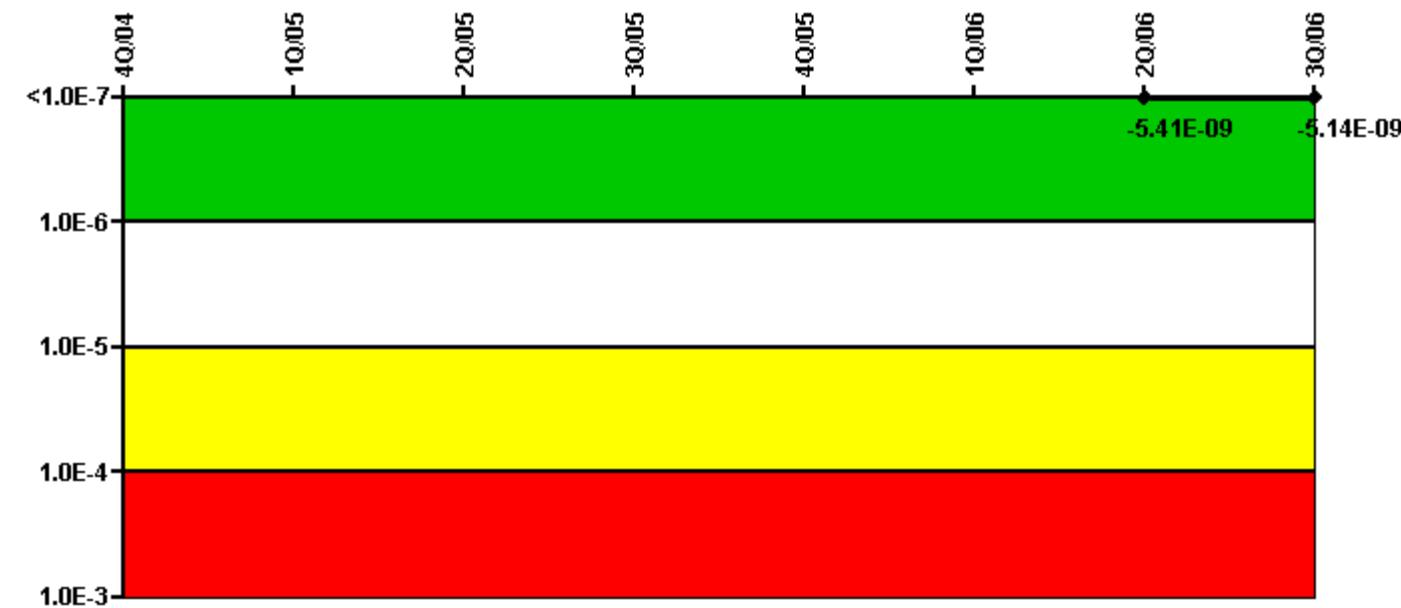
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (ΔCDF)							2.90E-08	2.90E-08
URI (ΔCDF)							1.10E-07	1.10E-07
PLE							NO	NO
Indicator value							1.39E-07	1.39E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



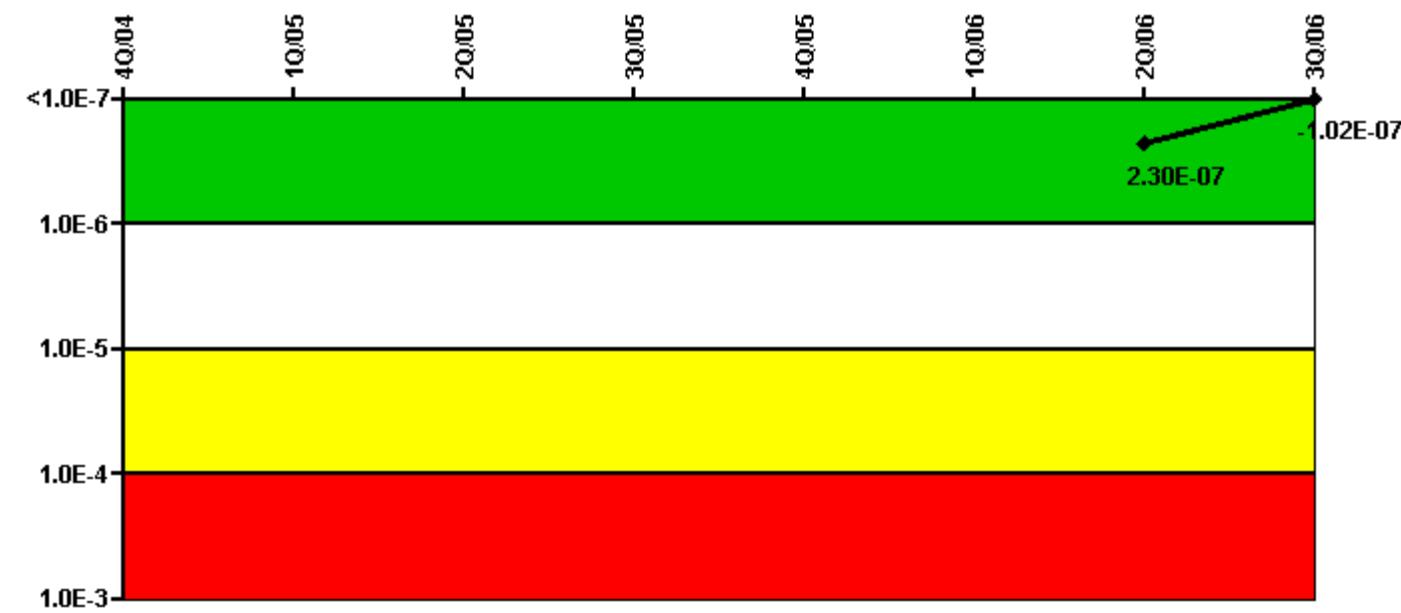
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (Δ CDF)							-6.10E-10	-3.40E-10
URI (Δ CDF)							-4.80E-09	-4.80E-09
PLE							NO	NO
Indicator value							-5.41E-09	-5.14E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



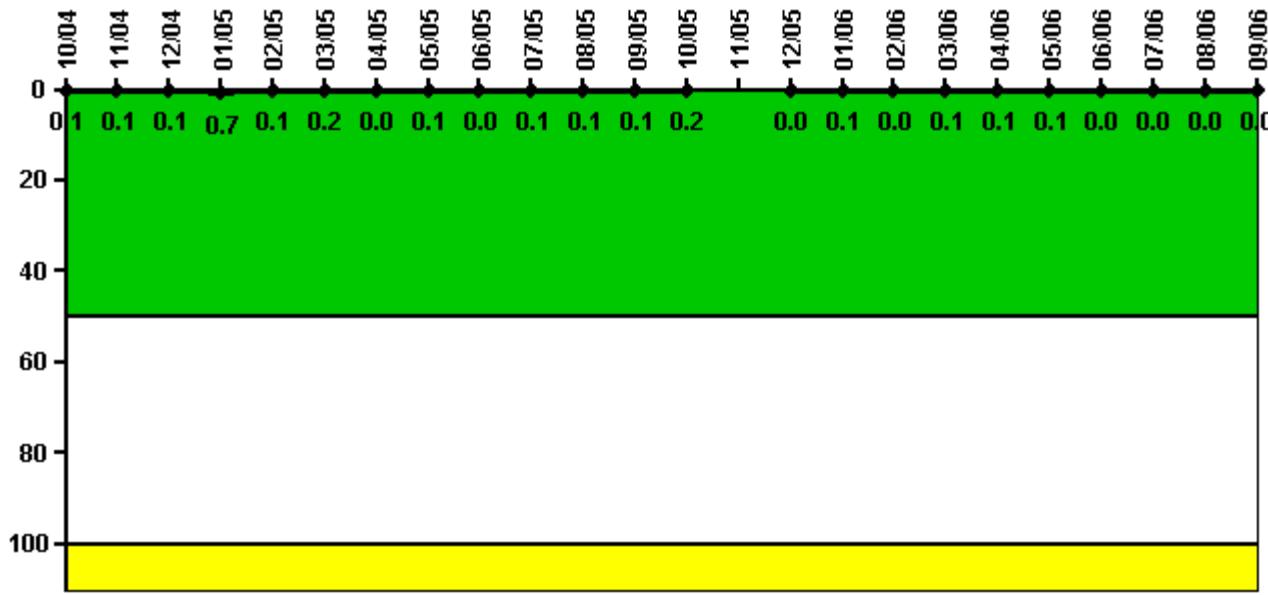
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)							1.10E-07	-1.60E-07
URI (ΔCDF)							1.20E-07	5.80E-08
PLE							NO	NO
Indicator value							2.30E-07	-1.02E-07

Licensee Comments: none

Reactor Coolant System Activity



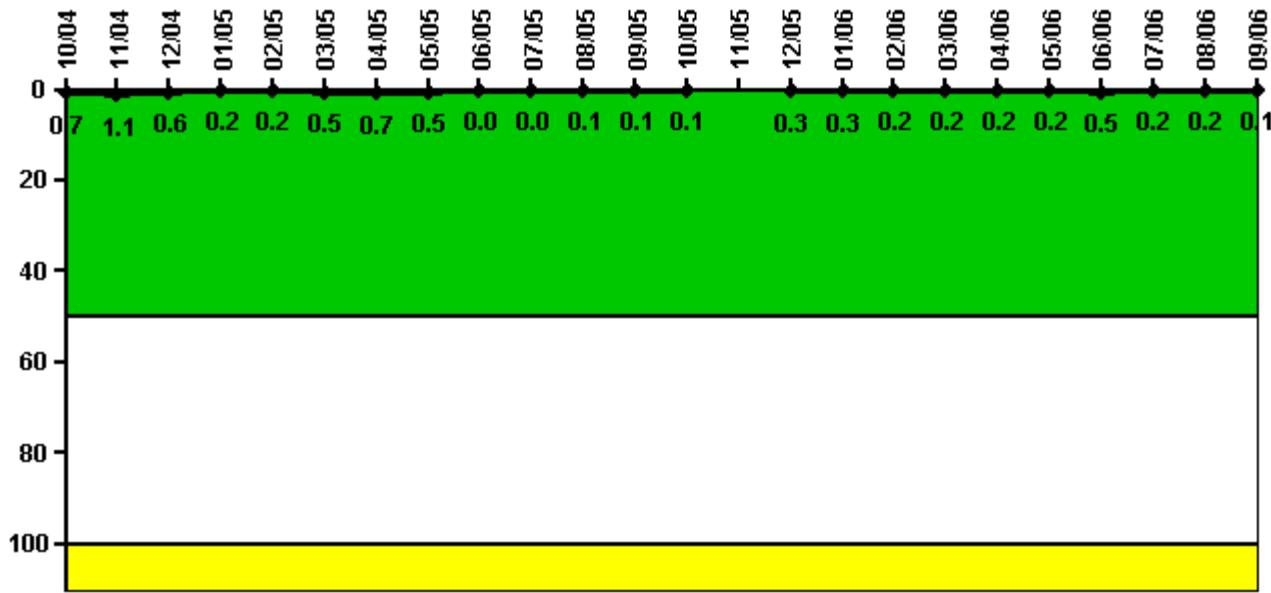
Thresholds: White > 50.0 Yellow > 100.0

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	0.000648	0.000634	0.001050	0.006540	0.000655	0.002160	0.000487	0.001160	0.000486	0.000772	0.000719	0.000755
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.7	0.1	0.2	0	0.1	0	0.1	0.1	0.1
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	0.001540	N/A	0.000313	0.001030	0.000481	0.000514	0.000526	0.000519	0.000467	0.000457	0.000467	0.000475
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.2	N/A	0	0.1	0	0.1	0.1	0.1	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



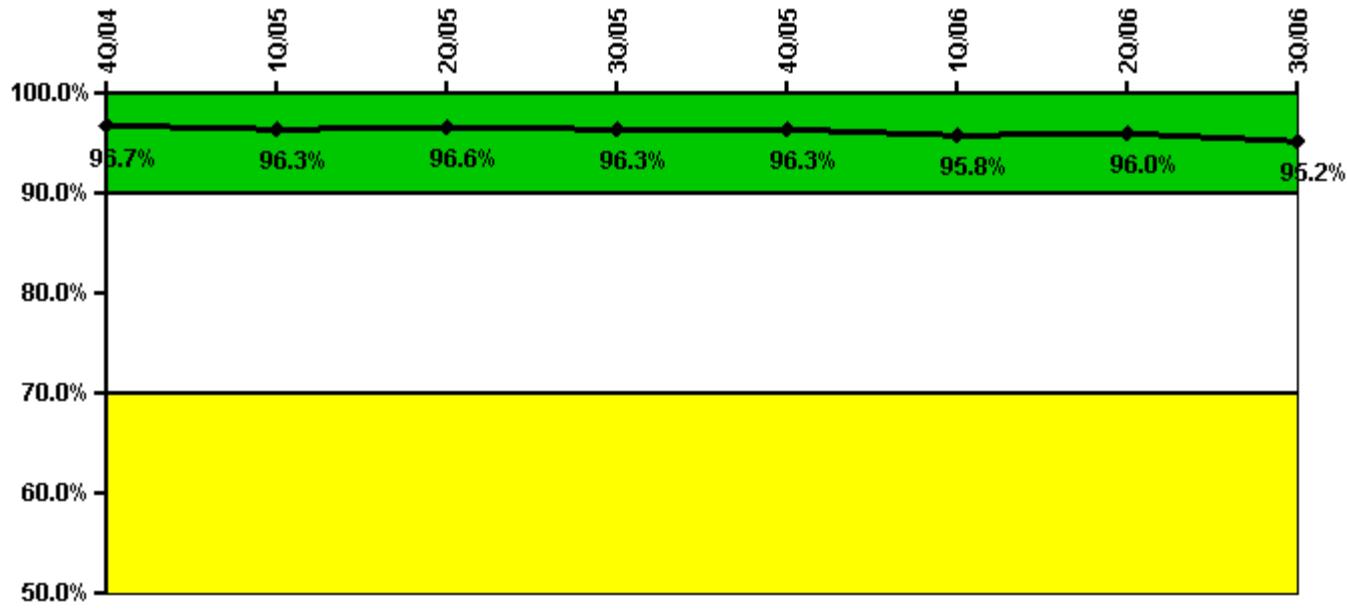
Thresholds: White > 50.0 Yellow > 100.0

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	0.070	0.110	0.060	0.020	0.020	0.050	0.070	0.045	0	0.003	0.005	0.010
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.7	1.1	0.6	0.2	0.2	0.5	0.7	0.5	0	0	0.1	0.1
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	0.009	N/A	0.030	0.030	0.020	0.020	0.023	0.018	0.045	0.020	0.018	0.014
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	N/A	0.3	0.3	0.2	0.2	0.2	0.2	0.5	0.2	0.2	0.1

Licensee Comments: none

Drill/Exercise Performance



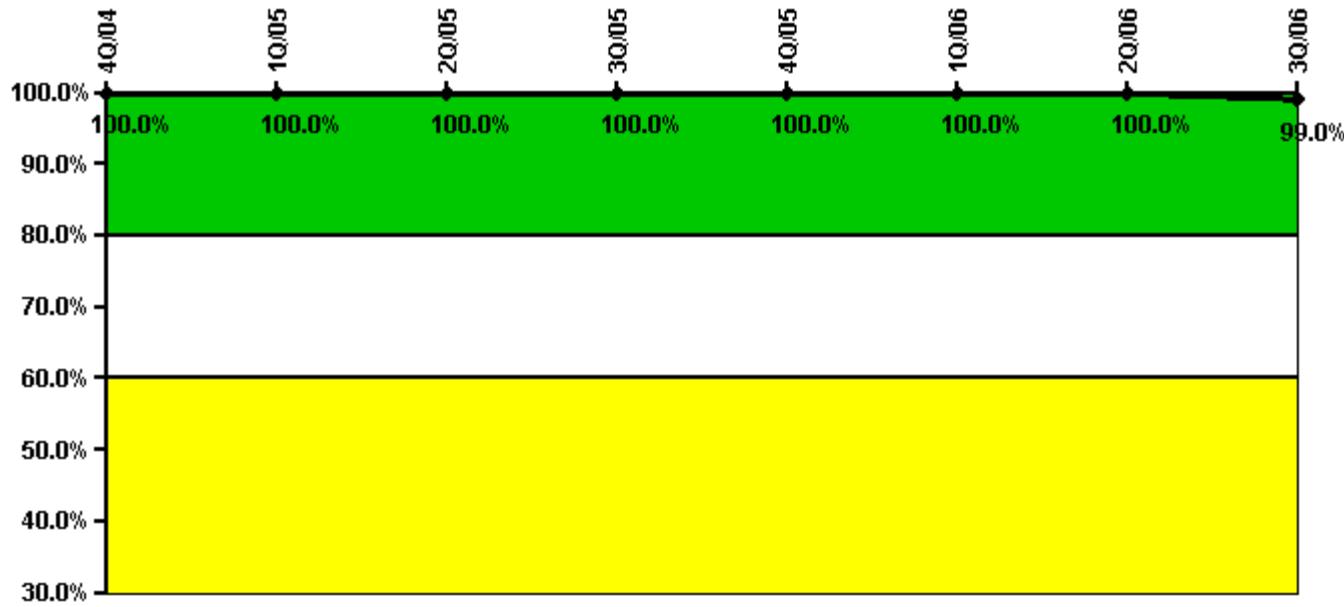
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Successful opportunities	28.0	39.0	88.0	67.0	9.0	49.0	66.0	71.0
Total opportunities	28.0	41.0	90.0	71.0	10.0	52.0	68.0	78.0
Indicator value	96.7%	96.3%	96.6%	96.3%	96.3%	95.8%	96.0%	95.2%

Licensee Comments: none

ERO Drill Participation



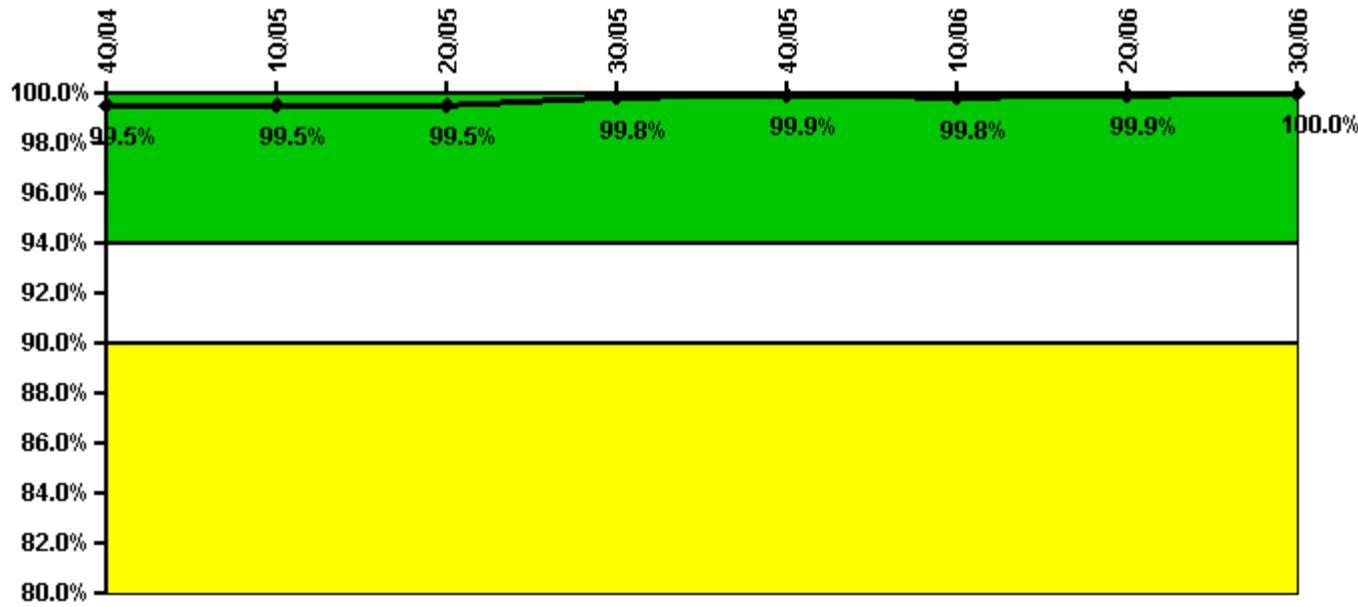
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Participating Key personnel	86.0	89.0	87.0	88.0	87.0	81.0	91.0	98.0
Total Key personnel	86.0	89.0	87.0	88.0	87.0	81.0	91.0	99.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	99.0%

Licensee Comments: none

Alert & Notification System

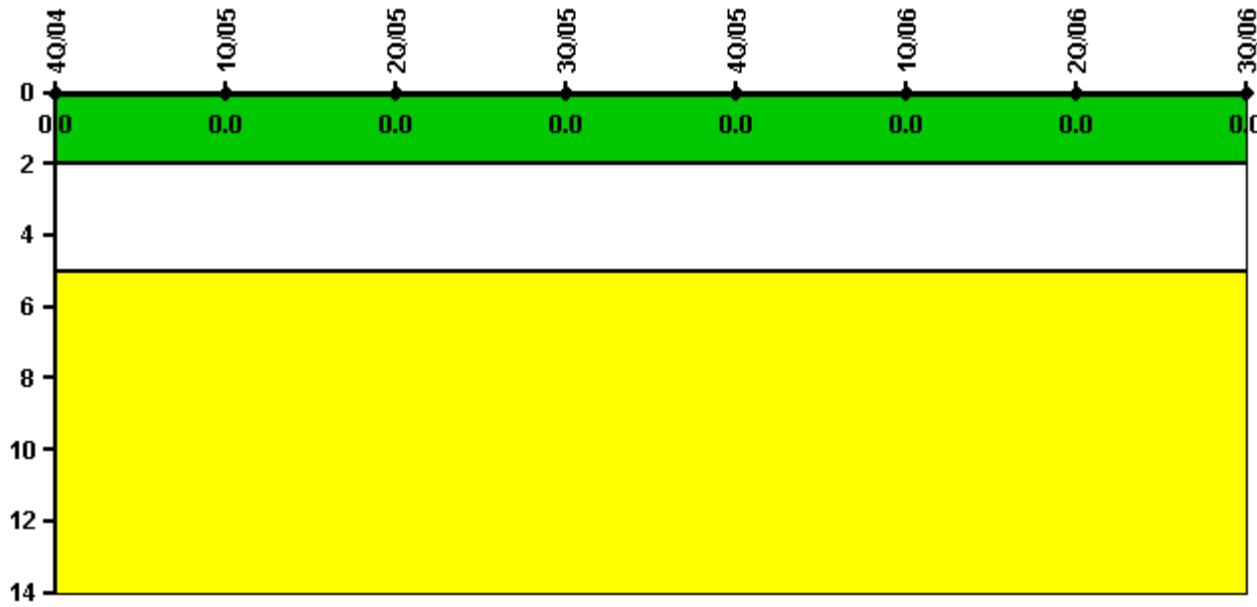


Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Successful siren-tests	621	712	621	711	536	719	630	630
Total sirens-tests	623	712	623	712	536	720	630	630
Indicator value	99.5%	99.5%	99.5%	99.8%	99.9%	99.8%	99.9%	100.0%

Licensee Comments: none

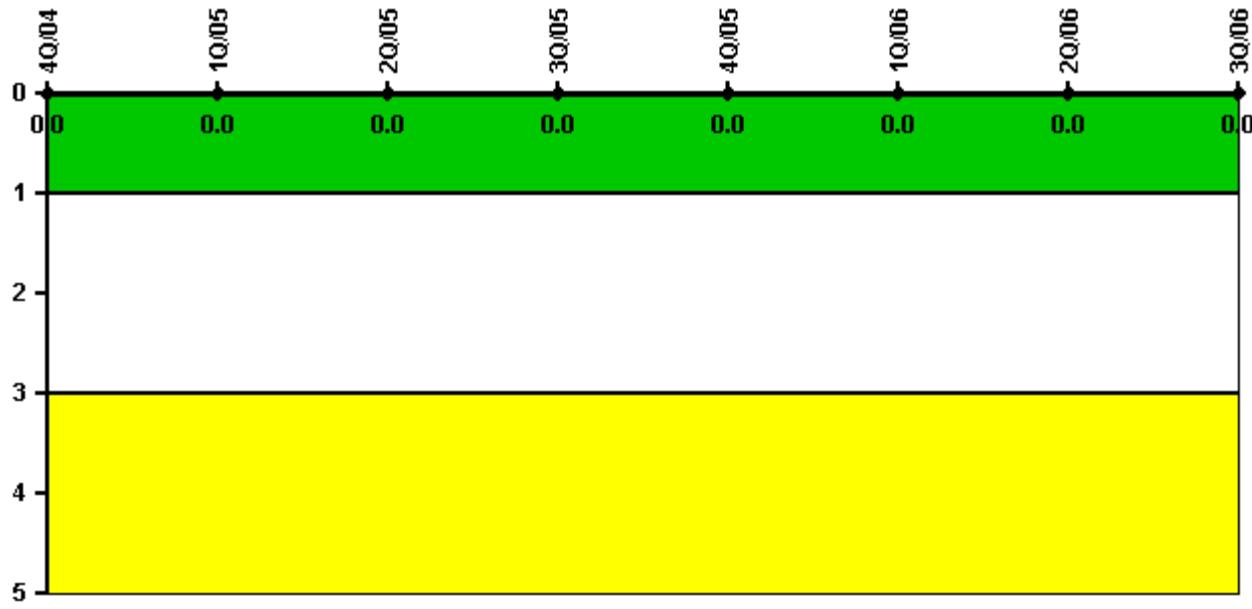
Occupational Exposure Control Effectiveness

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
Indicator value	0							

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	0							

Licensee Comments: none

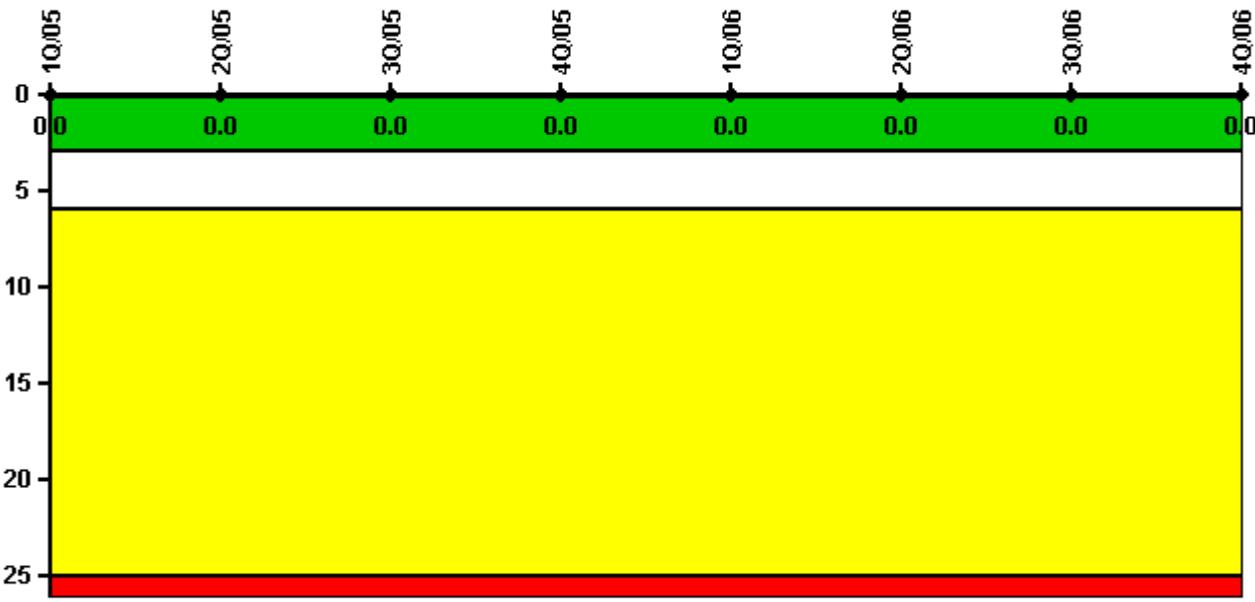
[Physical Protection](#) information not publicly available.

Saint Lucie 1

4Q/2006 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs

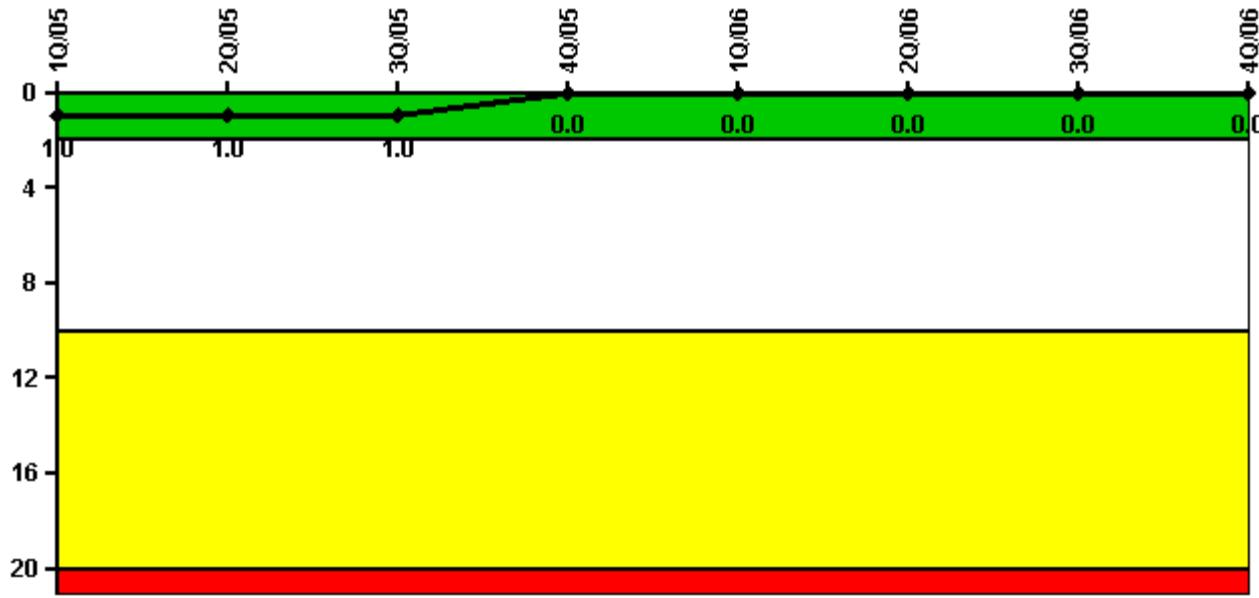


Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	0	0	0	0
Critical hours	2160.0	2183.0	2208.0	692.0	2160.0	2183.0	2208.0	2209.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

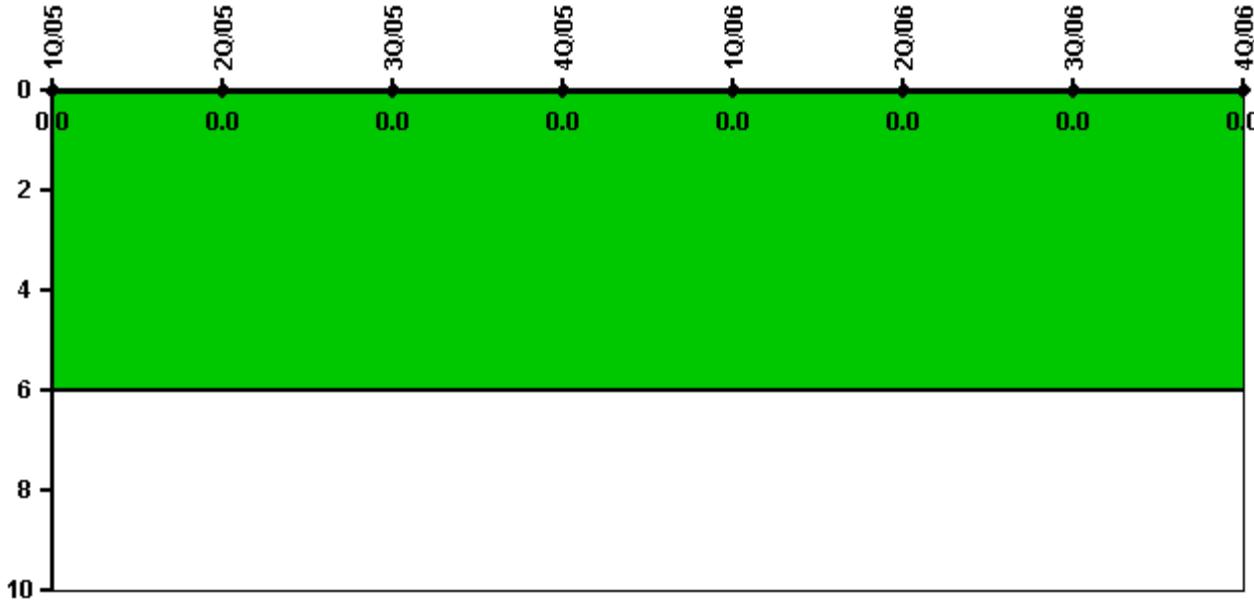
Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

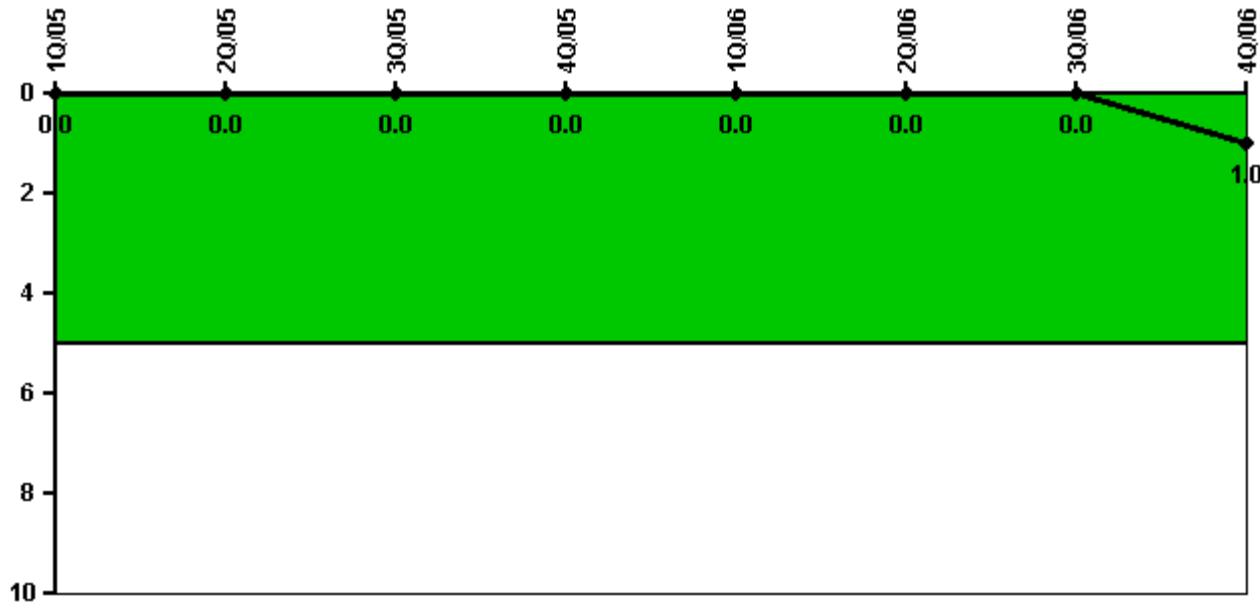
Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/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	692.0	2160.0	2183.0	2208.0	2209.0
Indicator value	0							

Licensee Comments: none

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

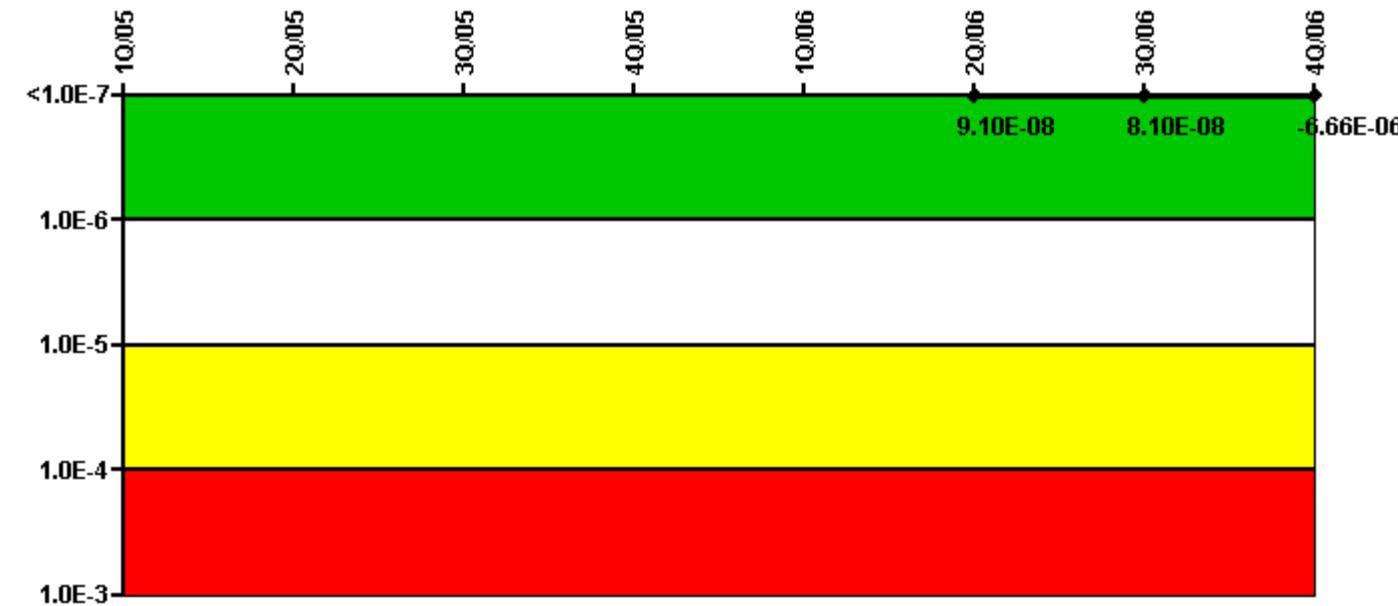
Notes

Safety System Functional Failures (PWR)	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Safety System Functional Failures	0	0	0	0	0	0	0	1
Indicator value	0	0	0	0	0	0	0	1

Licensee Comments:

4Q/06: LER 50-335/2006-003-00 documents the SSFF

Mitigating Systems Performance Index, Emergency AC Power System



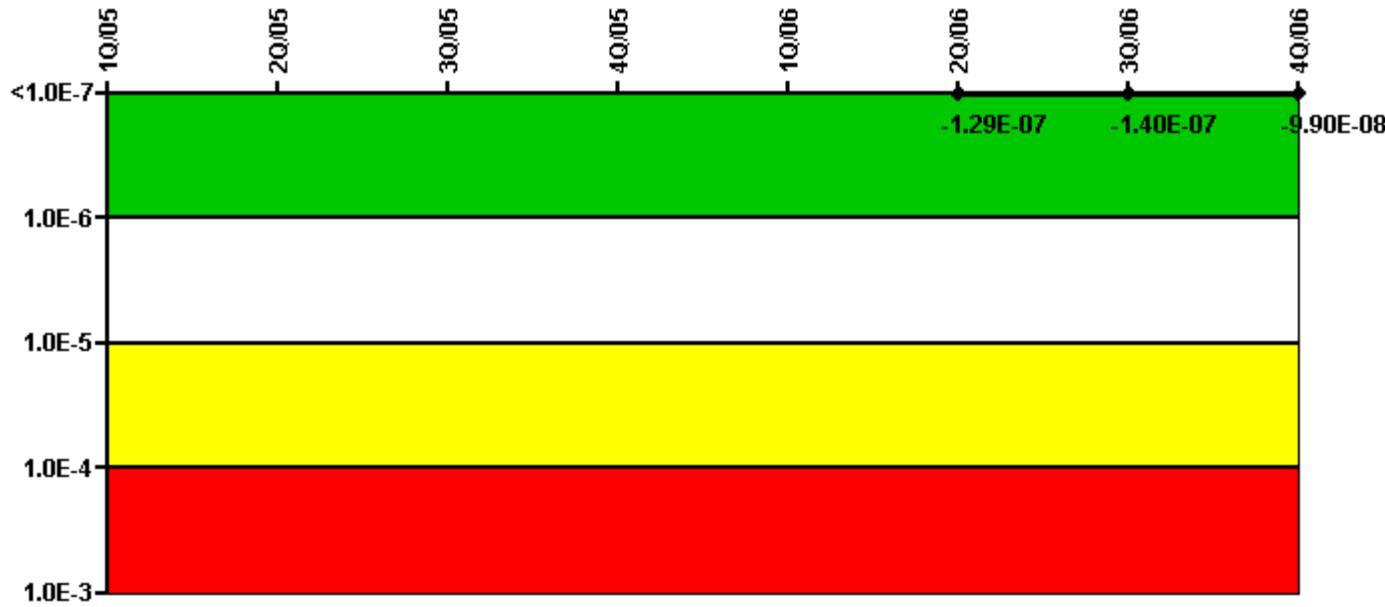
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (Δ CDF)						4.50E-08	3.50E-08	-6.70E-06
URI (Δ CDF)						4.60E-08	4.60E-08	4.40E-08
PLE						NO	NO	NO
Indicator value						9.10E-08	8.10E-08	-6.66E-06

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



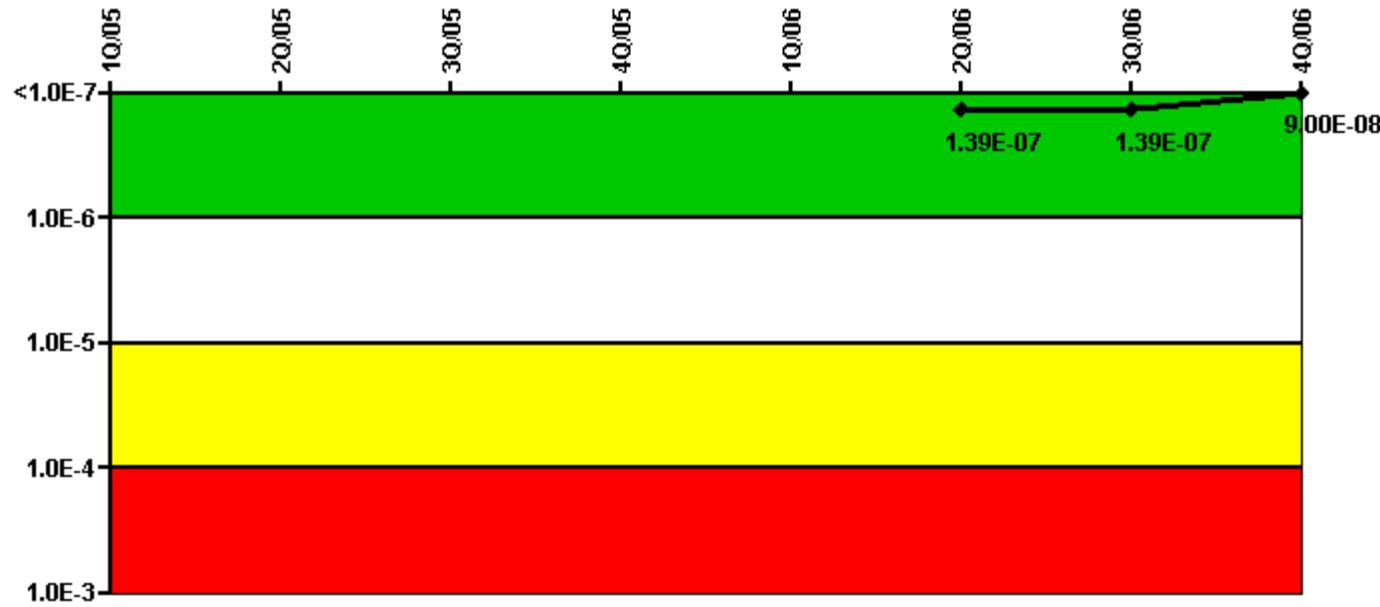
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (Δ CDF)						7.10E-08	6.00E-08	4.10E-08
URI (Δ CDF)						-2.00E-07	-2.00E-07	-1.40E-07
PLE						NO	NO	NO
Indicator value						-1.29E-07	-1.40E-07	-9.90E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



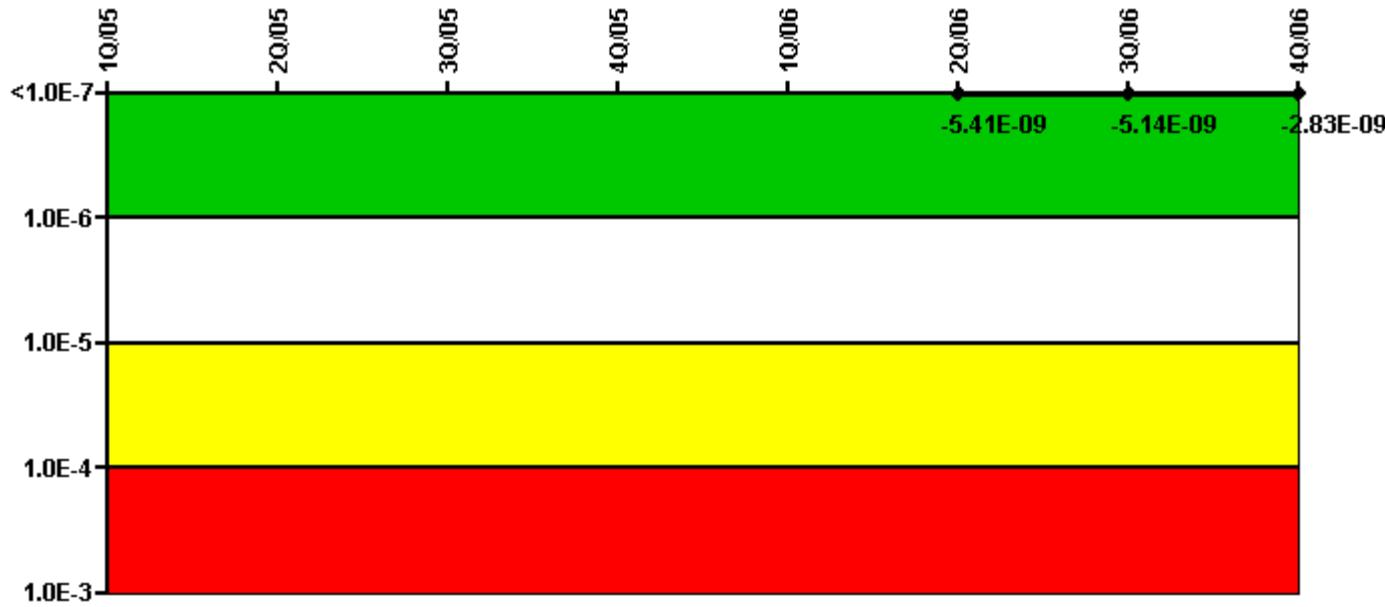
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (ΔCDF)						2.90E-08	2.90E-08	2.50E-08
URI (ΔCDF)						1.10E-07	1.10E-07	6.50E-08
PLE						NO	NO	NO
Indicator value						1.39E-07	1.39E-07	9.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



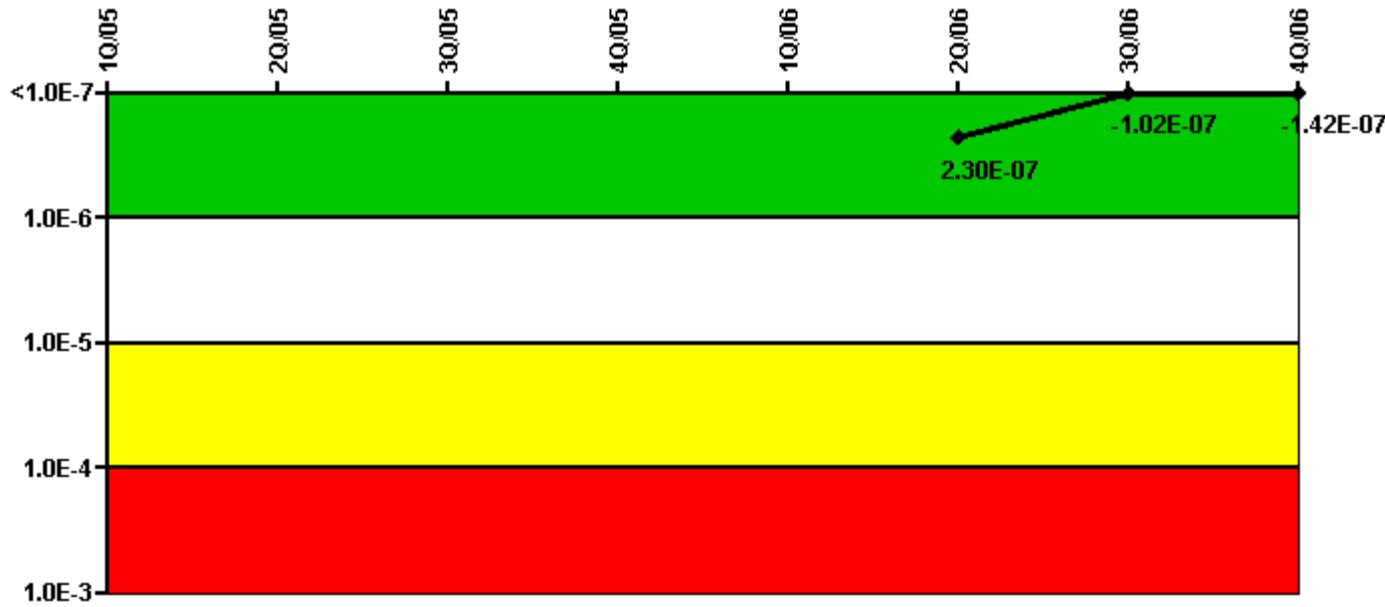
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (Δ CDF)						-6.10E-10	-3.40E-10	-2.30E-10
URI (Δ CDF)						-4.80E-09	-4.80E-09	-2.60E-09
PLE						NO	NO	NO
Indicator value						-5.41E-09	-5.14E-09	-2.83E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



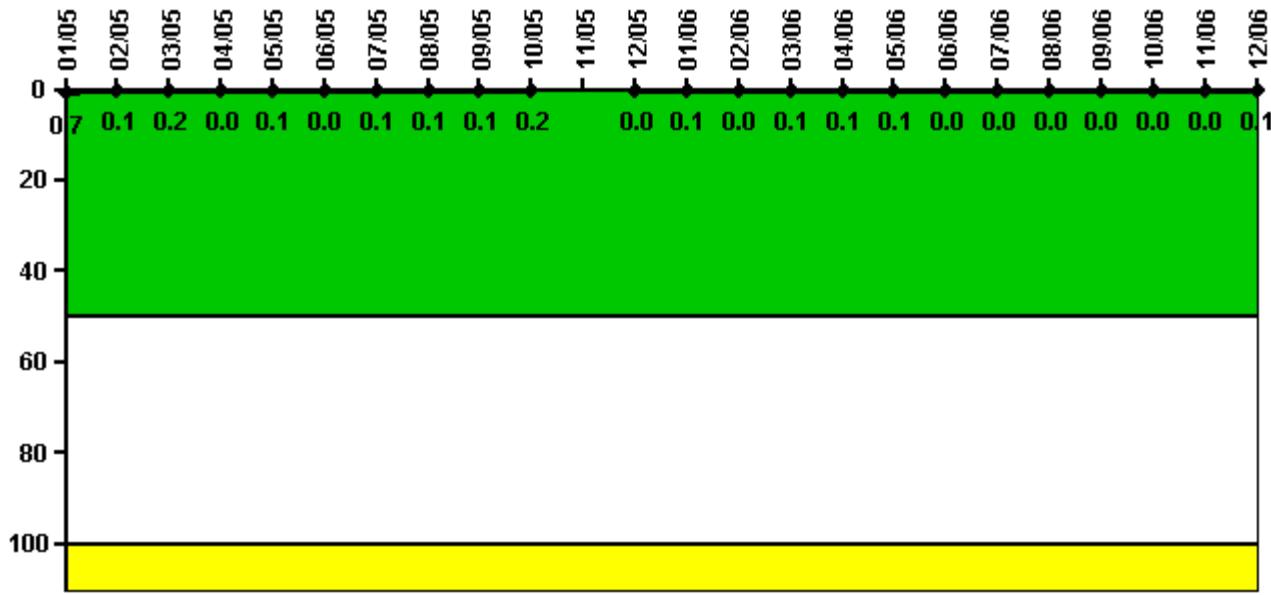
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)						1.10E-07	-1.60E-07	-1.40E-07
URI (ΔCDF)						1.20E-07	5.80E-08	-1.90E-09
PLE						NO	NO	NO
Indicator value						2.30E-07	-1.02E-07	-1.42E-07

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

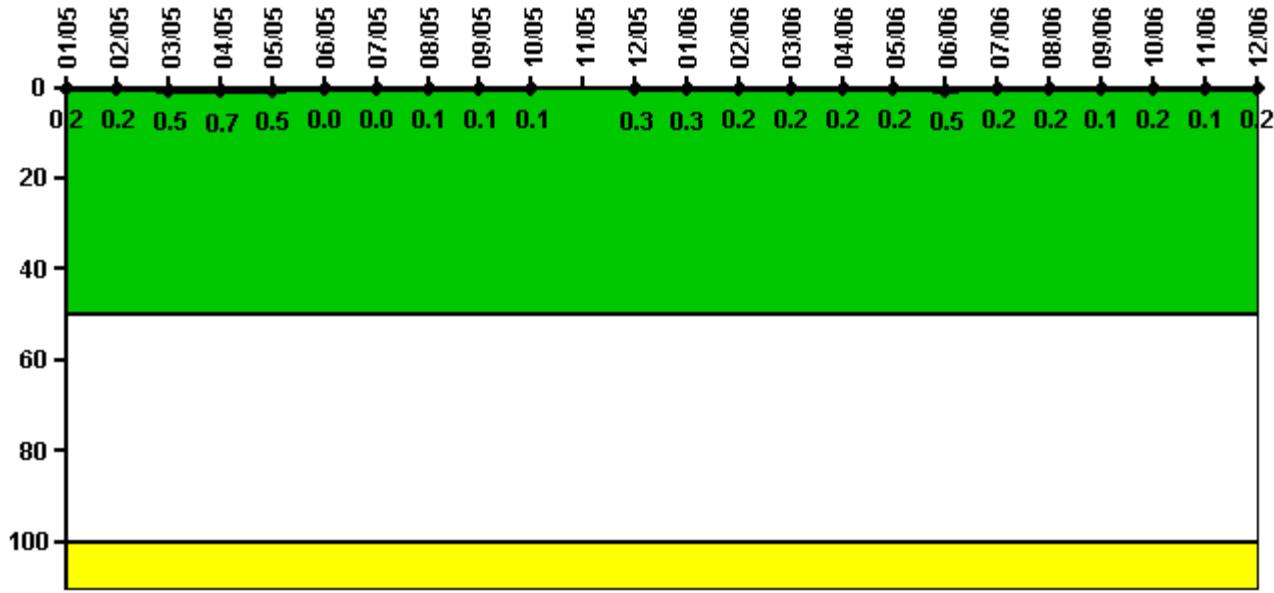
Notes

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	0.006540	0.000655	0.002160	0.000487	0.001160	0.000486	0.000772	0.000719	0.000755	0.001540	N/A	0.000313
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.7	0.1	0.2	0	0.1	0	0.1	0.1	0.1	0.2	N/A	0

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	0.001030	0.000481	0.000514	0.000526	0.000519	0.000467	0.000457	0.000467	0.000475	0.000490	0.000499	0.000541
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0	0.1	0.1	0.1	0	0	0	0	0	0	0.1

Licensee Comments: none

Reactor Coolant System Leakage



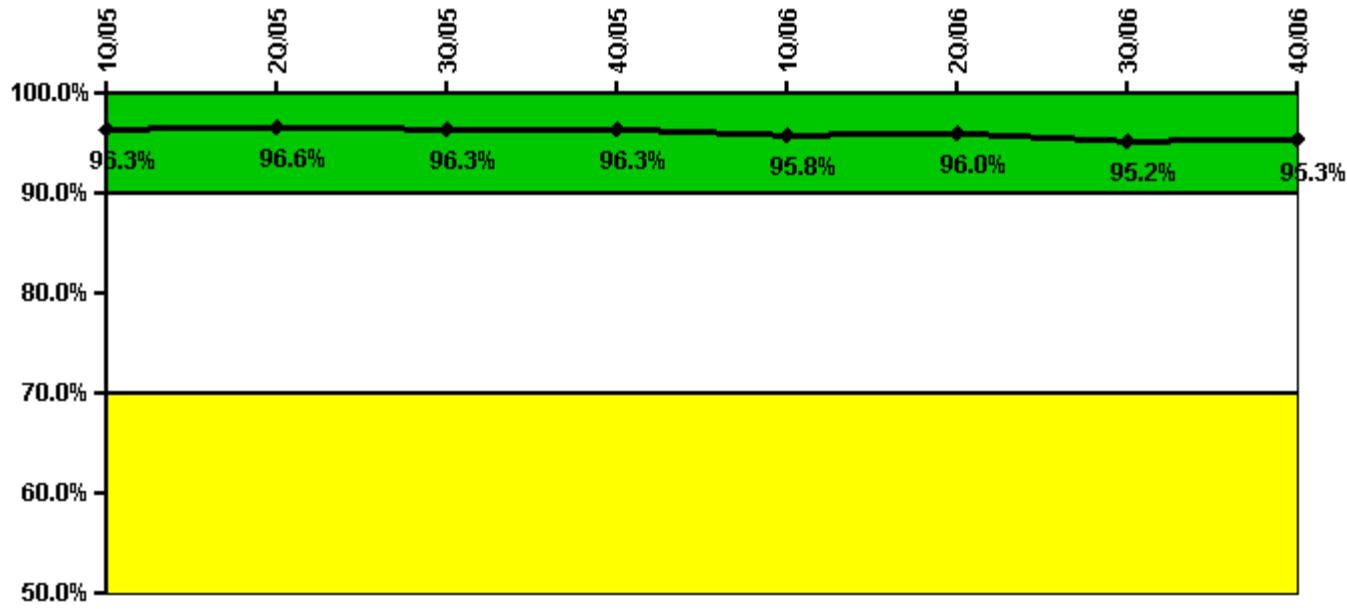
Thresholds: White > 50.0 Yellow > 100.0

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	0.020	0.020	0.050	0.070	0.045	0	0.003	0.005	0.010	0.009	N/A	0.030
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.2	0.5	0.7	0.5	0	0	0.1	0.1	0.1	N/A	0.3
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	0.030	0.020	0.020	0.023	0.018	0.045	0.020	0.018	0.014	0.020	0.010	0.023
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.2	0.2	0.2	0.2	0.5	0.2	0.2	0.1	0.2	0.1	0.2

Licensee Comments: none

Drill/Exercise Performance



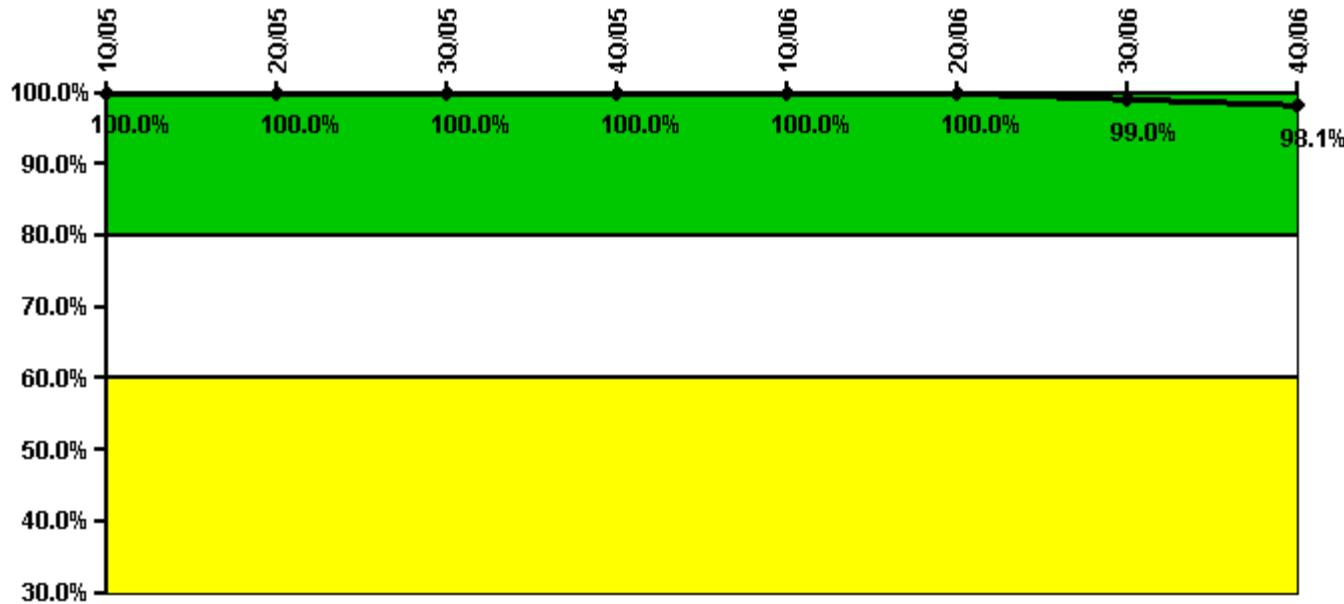
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Successful opportunities	39.0	88.0	67.0	9.0	49.0	66.0	71.0	78.0
Total opportunities	41.0	90.0	71.0	10.0	52.0	68.0	78.0	80.0
Indicator value	96.3%	96.6%	96.3%	96.3%	95.8%	96.0%	95.2%	95.3%

Licensee Comments: none

ERO Drill Participation

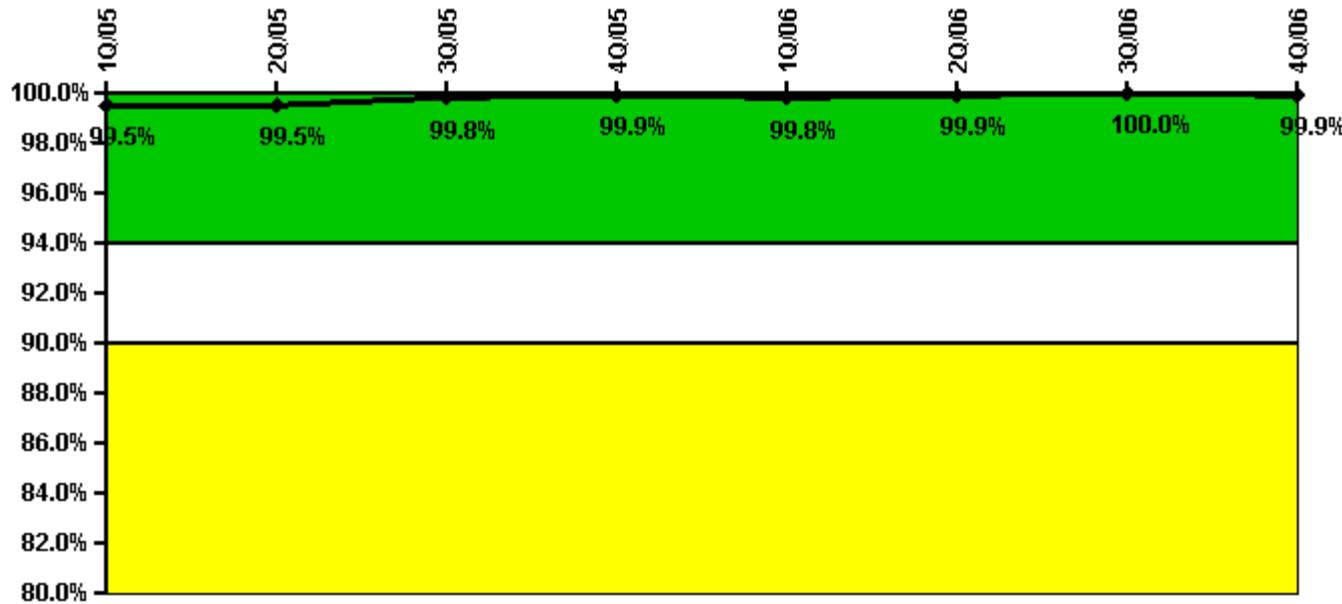


Notes

ERO Drill Participation	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Participating Key personnel	89.0	87.0	88.0	87.0	81.0	91.0	98.0	104.0
Total Key personnel	89.0	87.0	88.0	87.0	81.0	91.0	99.0	106.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	99.0%	98.1%

Licensee Comments: none

Alert & Notification System

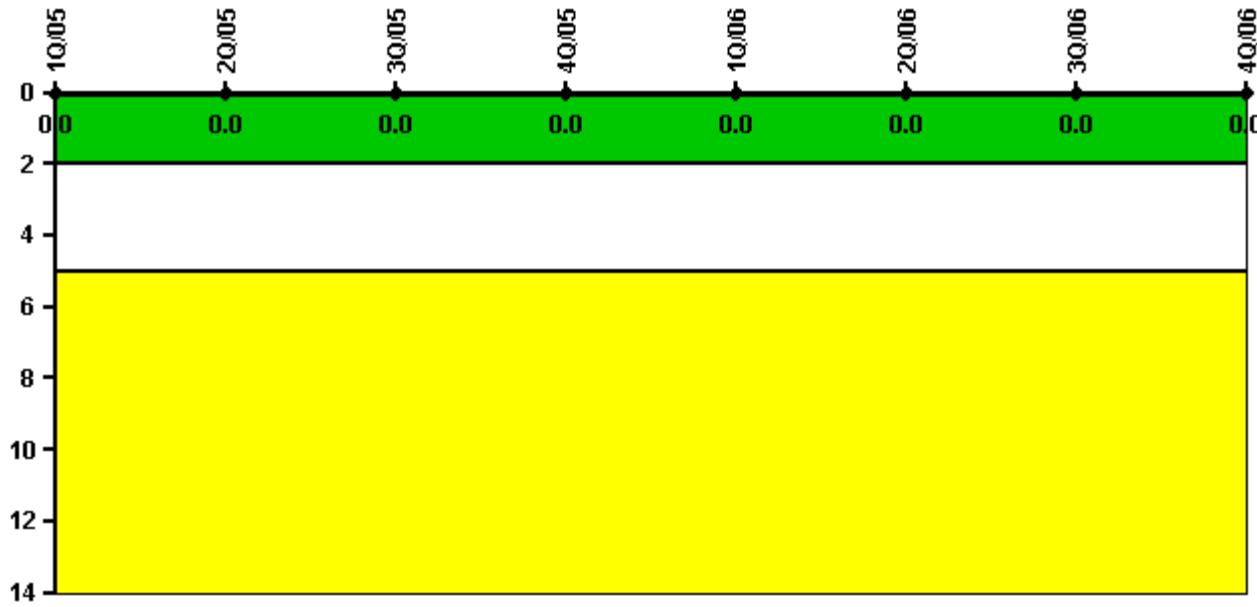


Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Successful siren-tests	712	621	711	536	719	630	630	629
Total sirens-tests	712	623	712	536	720	630	630	630
Indicator value	99.5%	99.5%	99.8%	99.9%	99.8%	99.9%	100.0%	99.9%

Licensee Comments: none

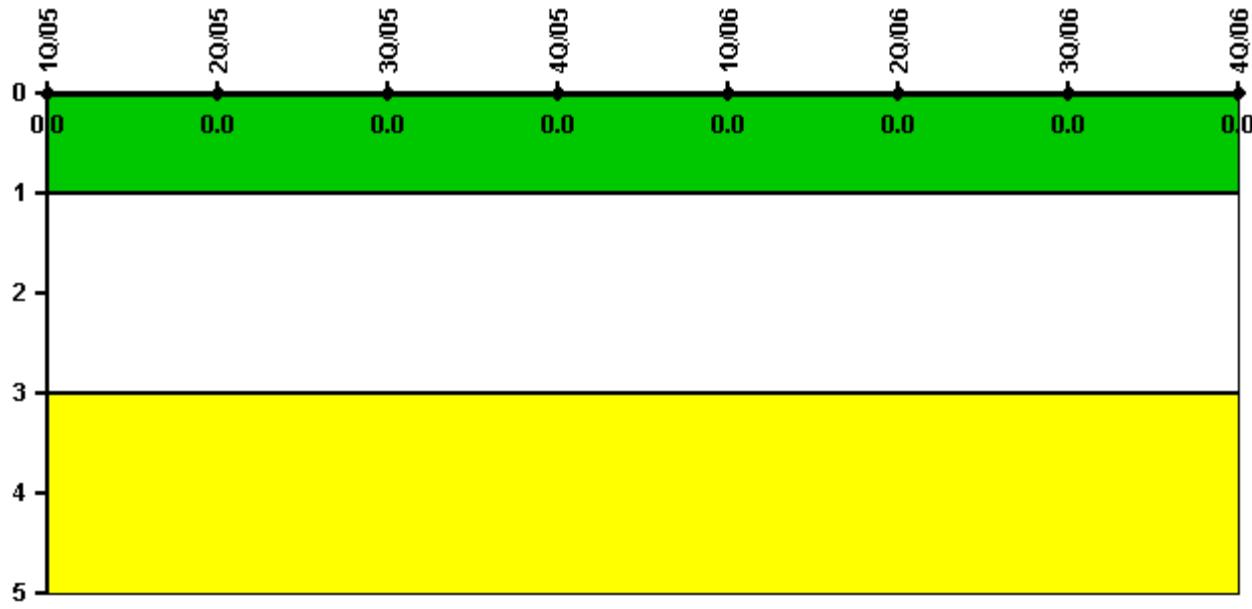
Occupational Exposure Control Effectiveness

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
Indicator value	0							

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	0							

Licensee Comments: none

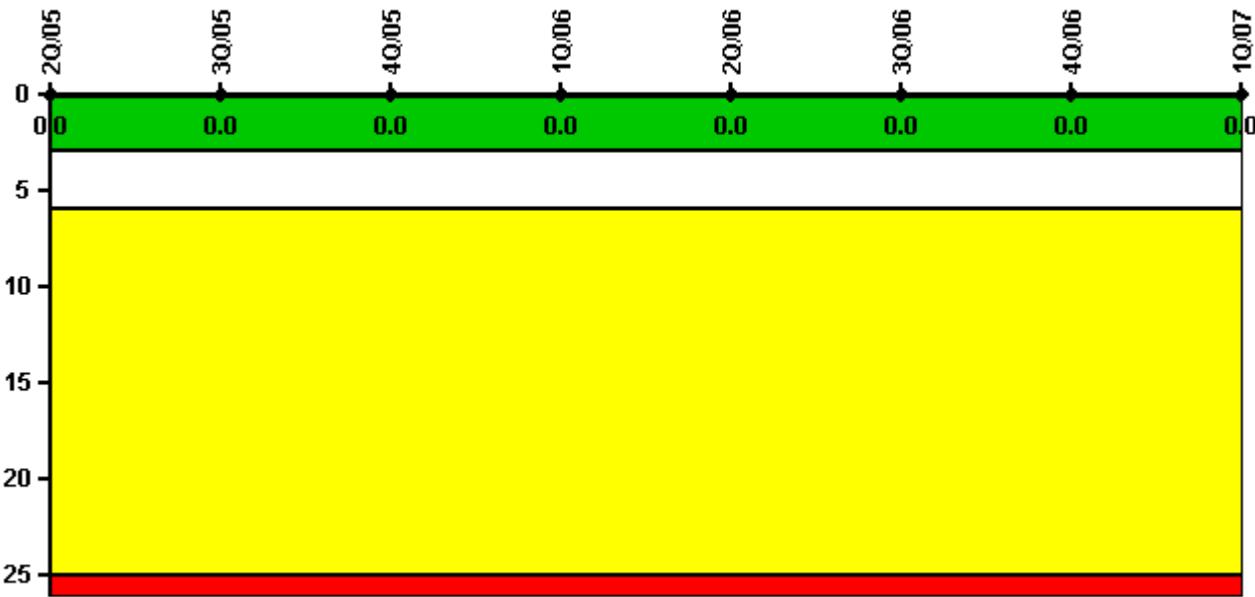
[Physical Protection](#) information not publicly available.

Saint Lucie 1

1Q/2007 Performance Indicators

Licensee's General Comments: Independent validation of the 2005 MSPI CDE unavailability hours resulted in the revision to previous the values contained in CDE. A revision to the MSPI Design Bases Document changed some component reliability values (e.g., component demand and run hour data â€“ not component level PRA data) contained in CDE. These internal CDE value changes caused the re-quantification of the MSPI indices.

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	0	0	0	0	0
Critical hours	2183.0	2208.0	692.0	2160.0	2183.0	2208.0	2209.0	2159.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



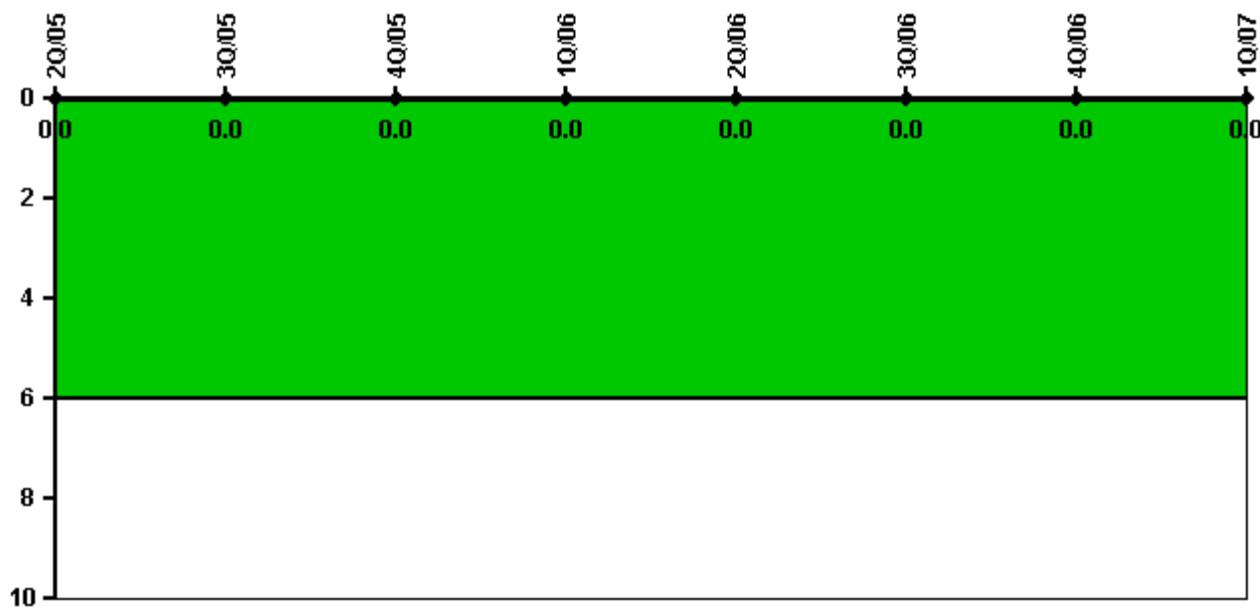
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Scrams	0	0	0	0	0	0	0	0
Indicator value	1.0	1.0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



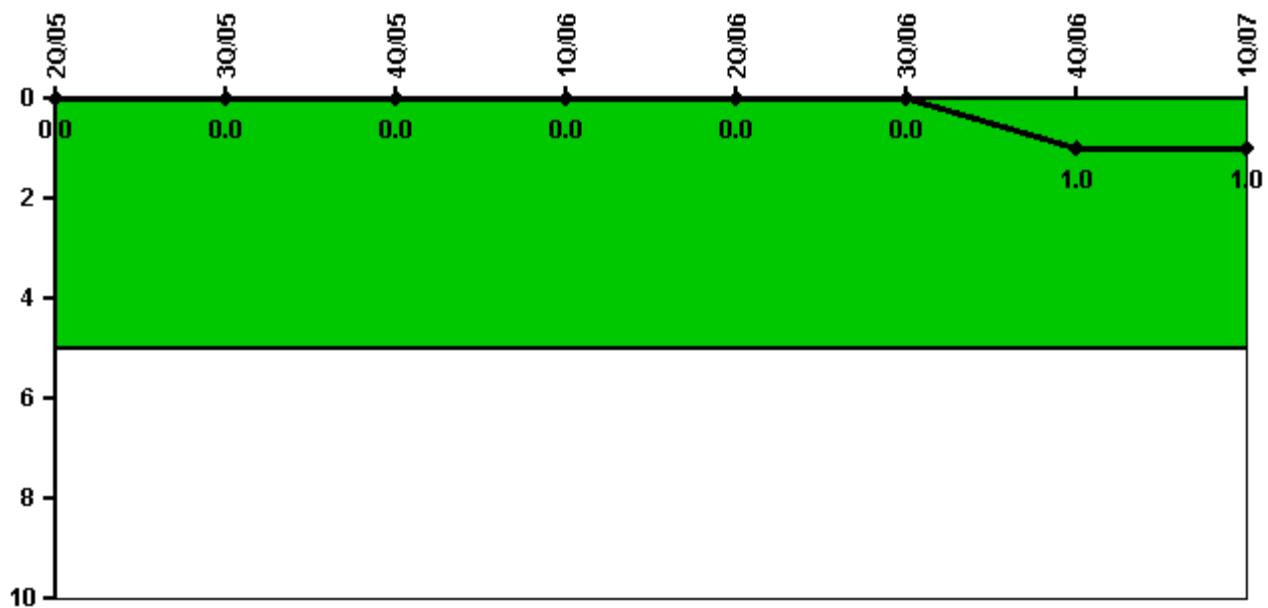
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/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	692.0	2160.0	2183.0	2208.0	2209.0	2159.0
Indicator value	0							

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
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

Mitigating Systems Performance Index, Emergency AC Power System



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

Notes

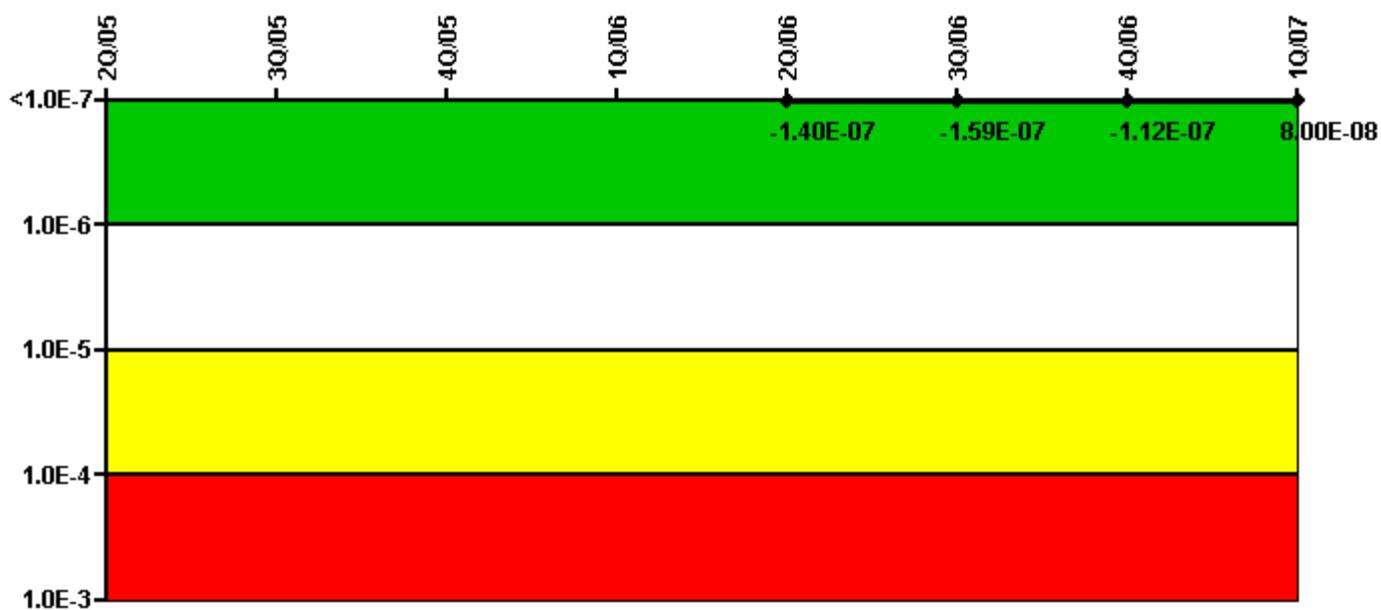
Mitigating Systems Performance Index, Emergency AC Power System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (Δ CDF)					1.50E-07	1.40E-07	5.10E-08	5.20E-08
URI (Δ CDF)					-5.50E-08	-5.50E-08	3.50E-09	3.50E-09
PLE					NO	NO	NO	NO
Indicator value					9.50E-08	8.50E-08	5.45E-08	5.55E-08

Licensee Comments:

1Q/07: Changed PRA Parameter(s). A forced override of the Train A FVUAP CDE data was performed to correct a typographical error made during the 4Q/2006 PSA model update data entry. The incorrect value of 1.4303 was corrected to 1.43E-03.

4Q/06: Changed PRA Parameter(s). Unit 1 EAC train A FVUAP value was corrected. The September 06 MSPI Basis Document update value of 1.43E-03 was incorrectly entered as 1.4303 (no exponent). This value was corrected on February 8, 2007.

Mitigating Systems Performance Index, High Pressure Injection System



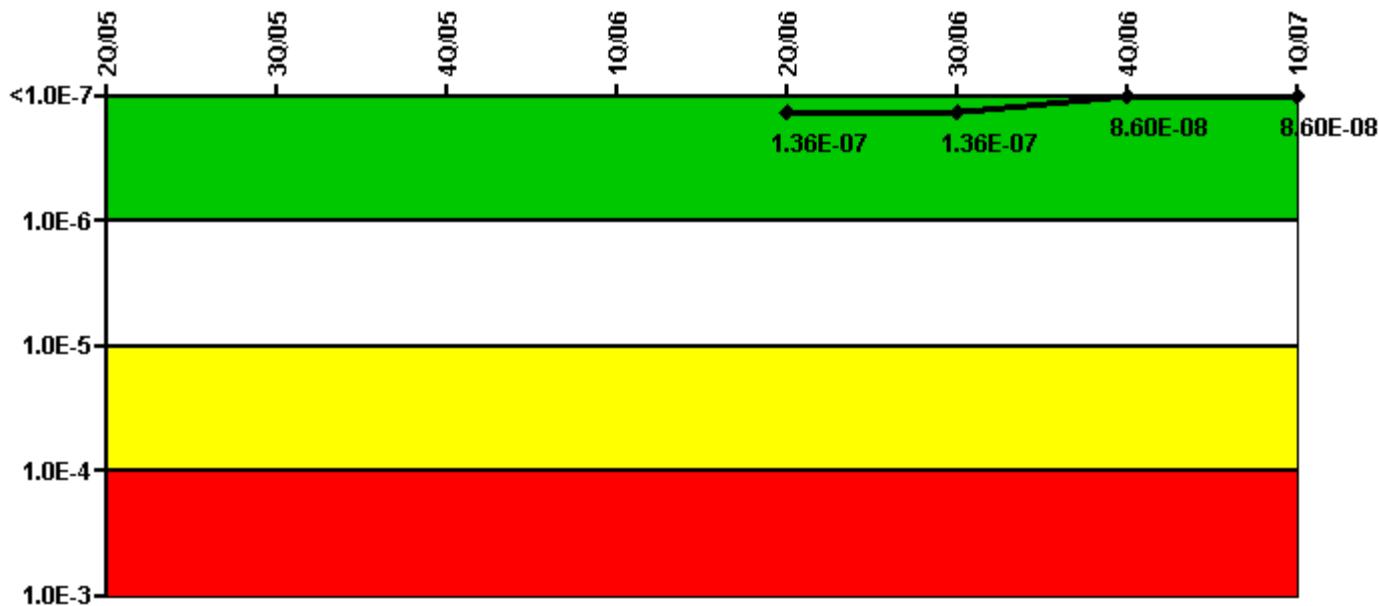
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (Δ CDF)					6.00E-08	4.10E-08	2.80E-08	2.20E-07
URI (Δ CDF)					-2.00E-07	-2.00E-07	-1.40E-07	-1.40E-07
PLE					NO	NO	NO	NO
Indicator value					-1.40E-07	-1.59E-07	-1.12E-07	8.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



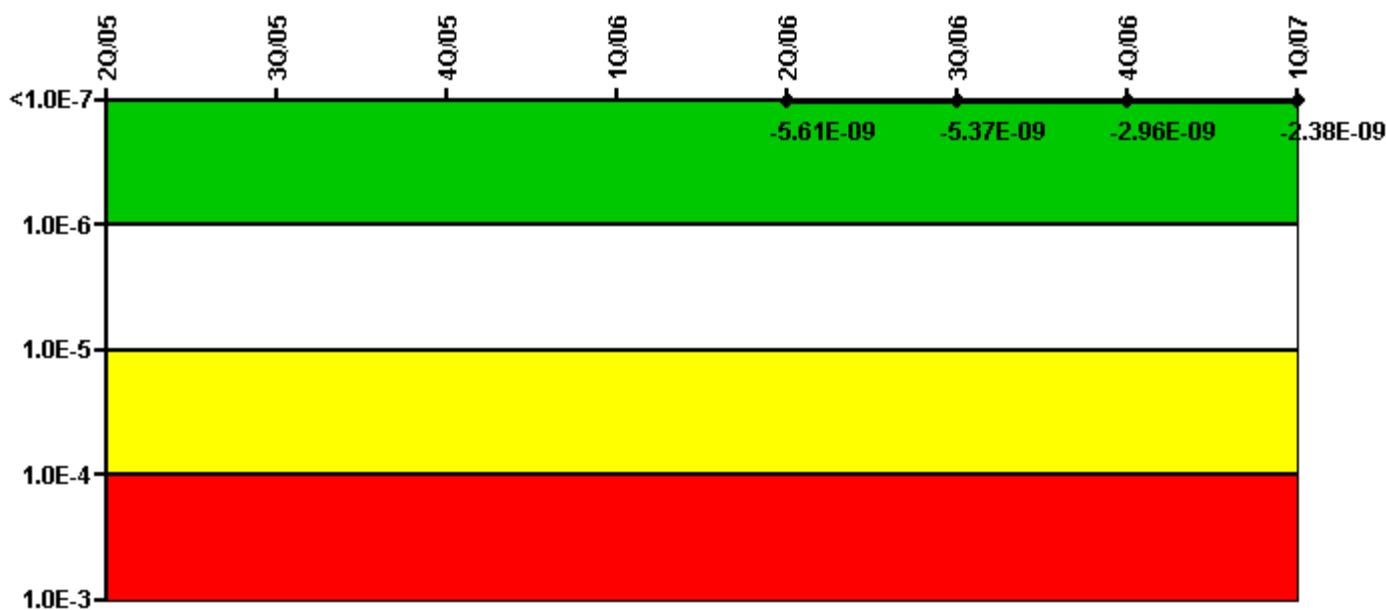
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (Δ CDF)					2.60E-08	2.60E-08	2.20E-08	2.20E-08
URI (Δ CDF)					1.10E-07	1.10E-07	6.40E-08	6.40E-08
PLE					NO	NO	NO	NO
Indicator value					1.36E-07	1.36E-07	8.60E-08	8.60E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



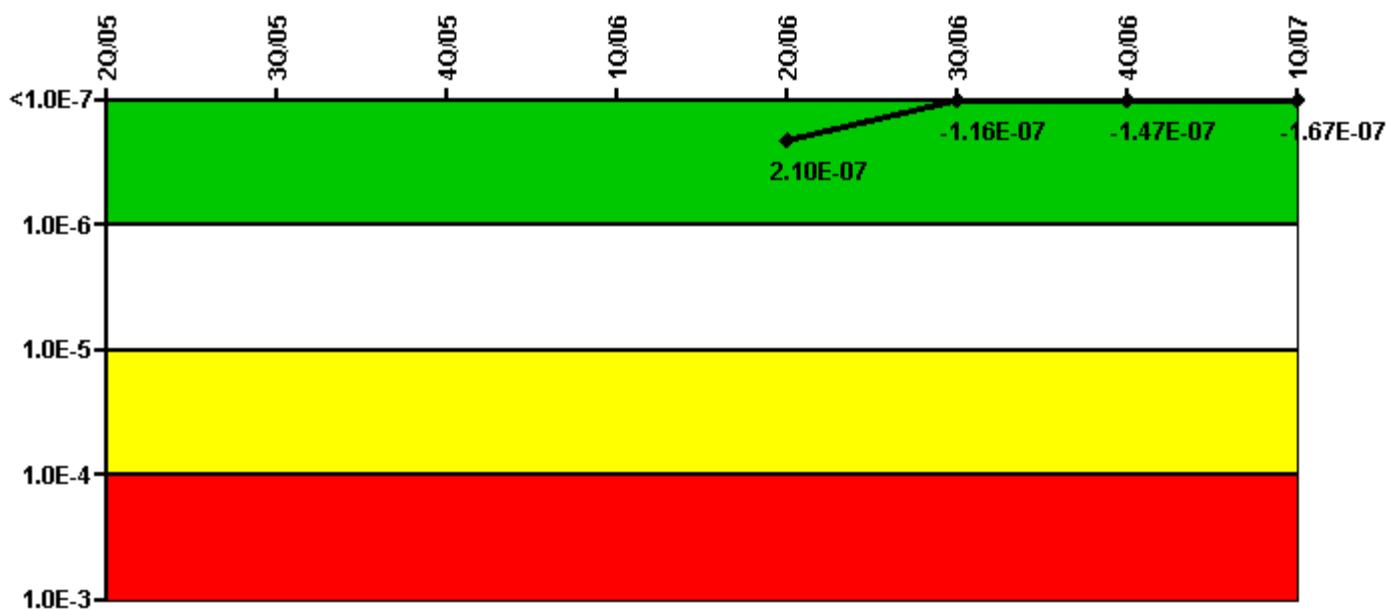
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (Δ CDF)					-6.10E-10	-3.70E-10	-2.60E-10	3.20E-10
URI (Δ CDF)					-5.00E-09	-5.00E-09	-2.70E-09	-2.70E-09
PLE					NO	NO	NO	NO
Indicator value					-5.61E-09	-5.37E-09	-2.96E-09	-2.38E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



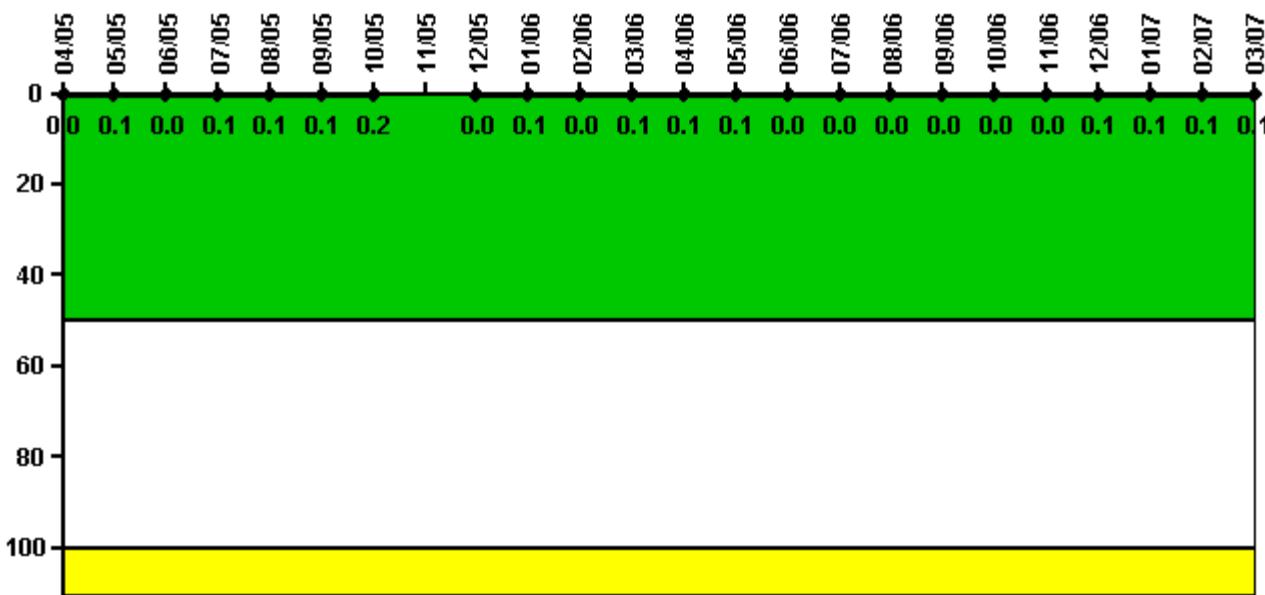
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (Δ CDF)					1.10E-07	-1.60E-07	-1.40E-07	-1.60E-07
URI (Δ CDF)					1.00E-07	4.40E-08	-6.80E-09	-6.80E-09
PLE					NO	NO	NO	NO
Indicator value					2.10E-07	-1.16E-07	-1.47E-07	-1.67E-07

Licensee Comments: none

Reactor Coolant System Activity



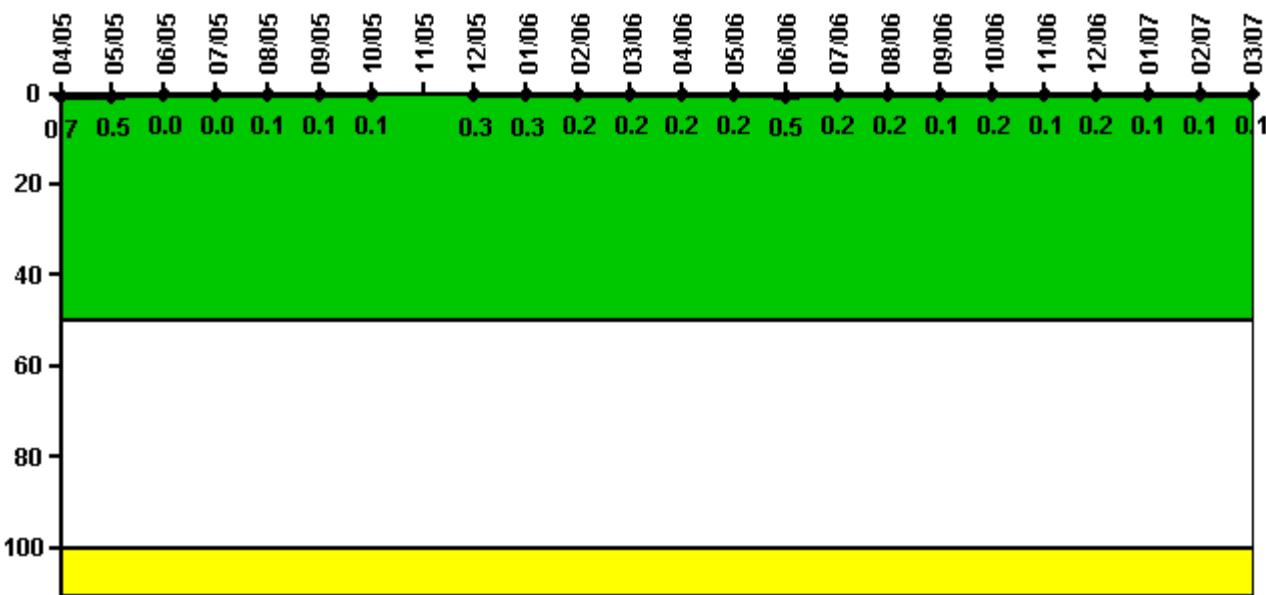
Thresholds: White > 50.0 Yellow > 100.0

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	0.000487	0.001160	0.000486	0.000772	0.000719	0.000755	0.001540	N/A	0.000313	0.001030	0.000481	0.000514
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0.1	0	0.1	0.1	0.1	0.2	N/A	0	0.1	0	0.1
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	0.000526	0.000519	0.000467	0.000457	0.000467	0.000475	0.000490	0.000499	0.000541	0.000525	0.000709	0.001150
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0	0	0	0	0	0	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



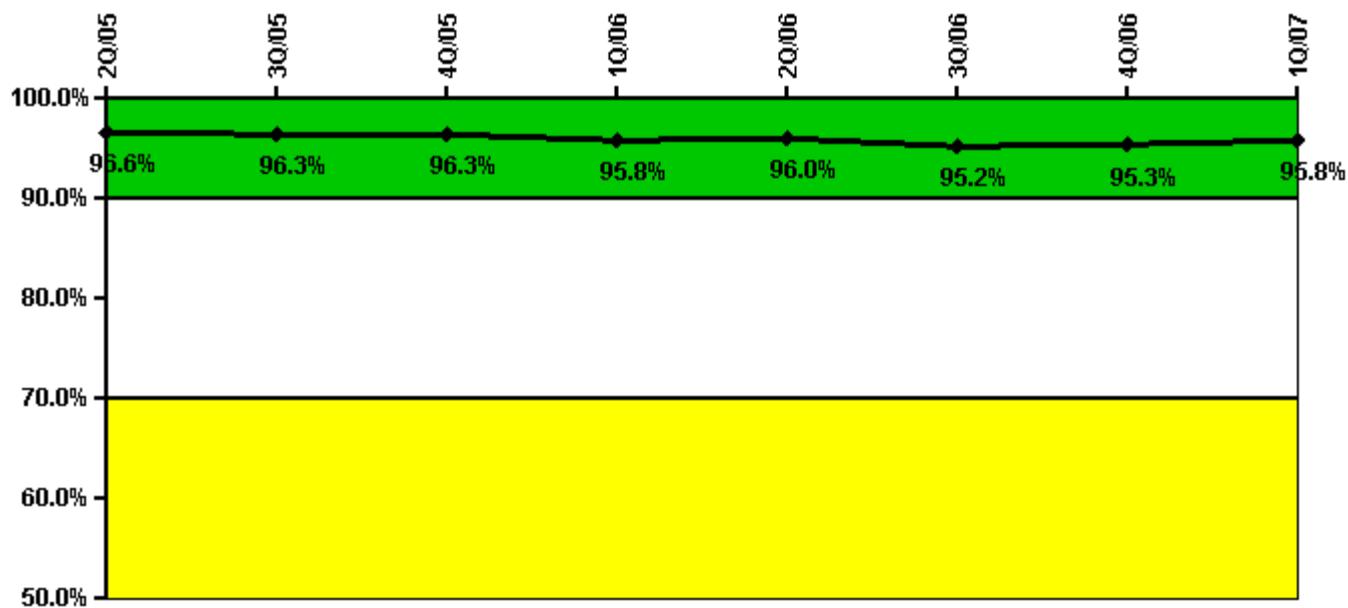
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06
Maximum leakage	0.070	0.045	0	0.003	0.005	0.010	0.009	N/A	0.030	0.030	0.020	0.020
Indicator value	0.7	0.5	0	0	0.1	0.1	0.1	N/A	0.3	0.3	0.2	0.2
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	0.023	0.018	0.045	0.020	0.018	0.014	0.020	0.010	0.023	0.010	0.010	0.013
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.2	0.5	0.2	0.2	0.1	0.2	0.1	0.2	0.1	0.1	0.1

Licensee Comments: none

Drill/Exercise Performance



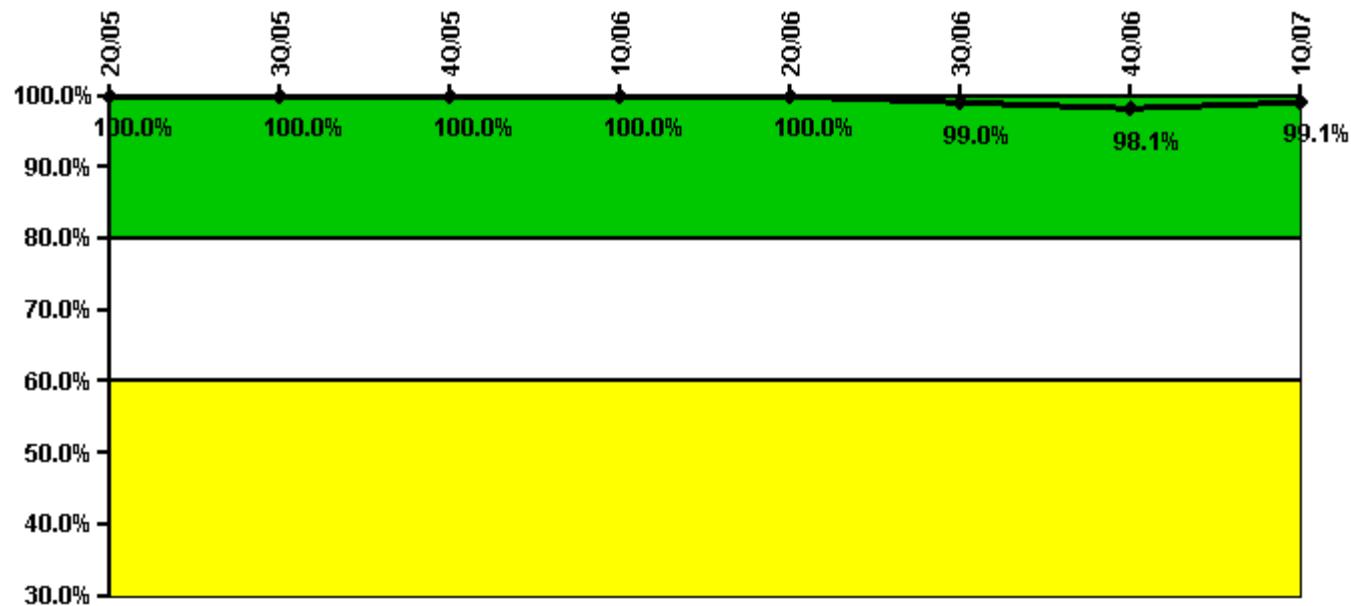
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Successful opportunities	88.0	67.0	9.0	49.0	66.0	71.0	78.0	113.0
Total opportunities	90.0	71.0	10.0	52.0	68.0	78.0	80.0	116.0
Indicator value	96.6%	96.3%	96.3%	95.8%	96.0%	95.2%	95.3%	95.8%

Licensee Comments: none

ERO Drill Participation



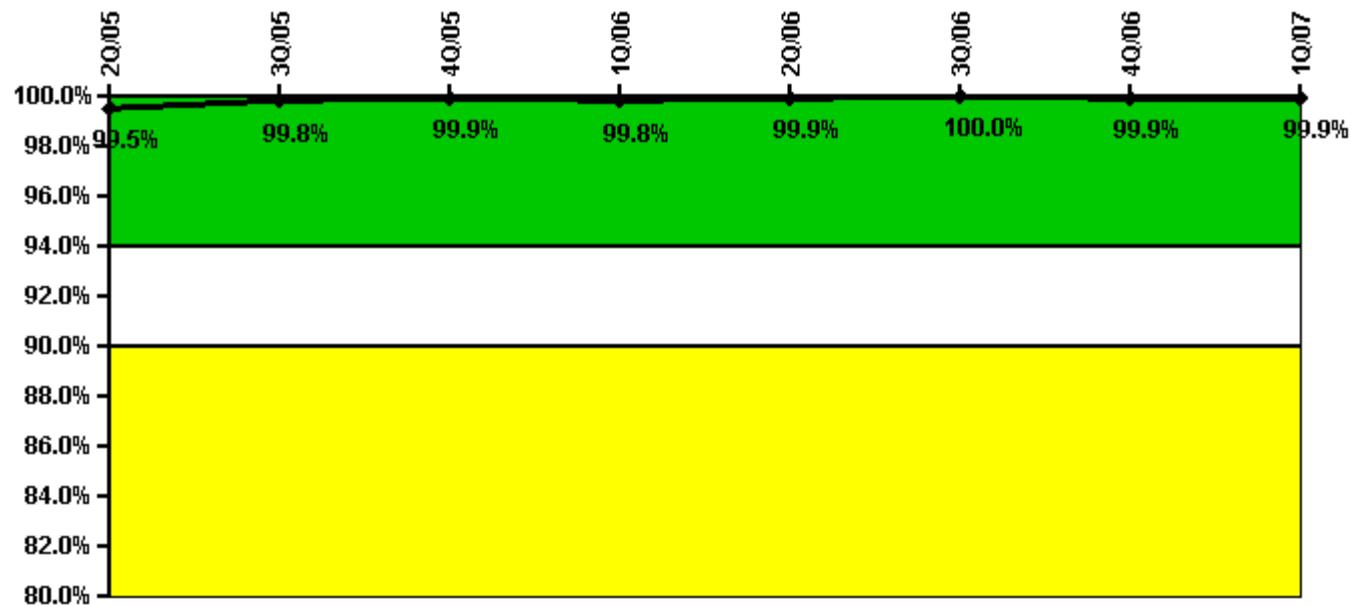
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Participating Key personnel	87.0	88.0	87.0	81.0	91.0	98.0	104.0	106.0
Total Key personnel	87.0	88.0	87.0	81.0	91.0	99.0	106.0	107.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	99.0%	98.1%	99.1%

Licensee Comments: none

Alert & Notification System



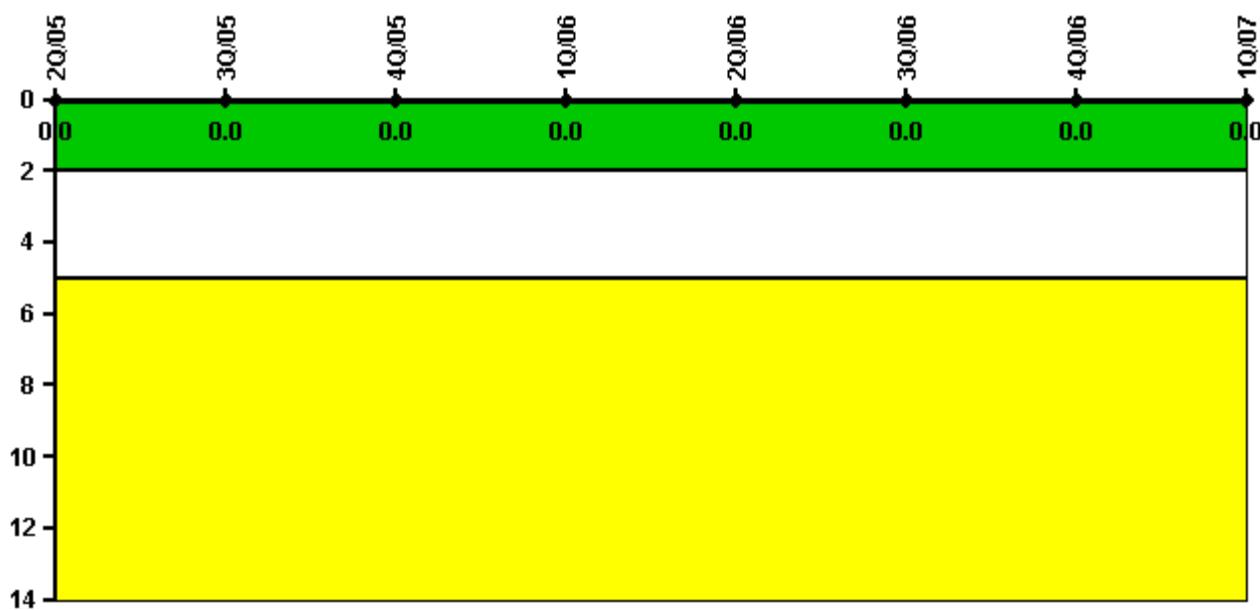
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Successful siren-tests	621	711	536	719	630	630	629	719
Total sirens-tests	623	712	536	720	630	630	630	720
Indicator value	99.5%	99.8%	99.9%	99.8%	99.9%	100.0%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



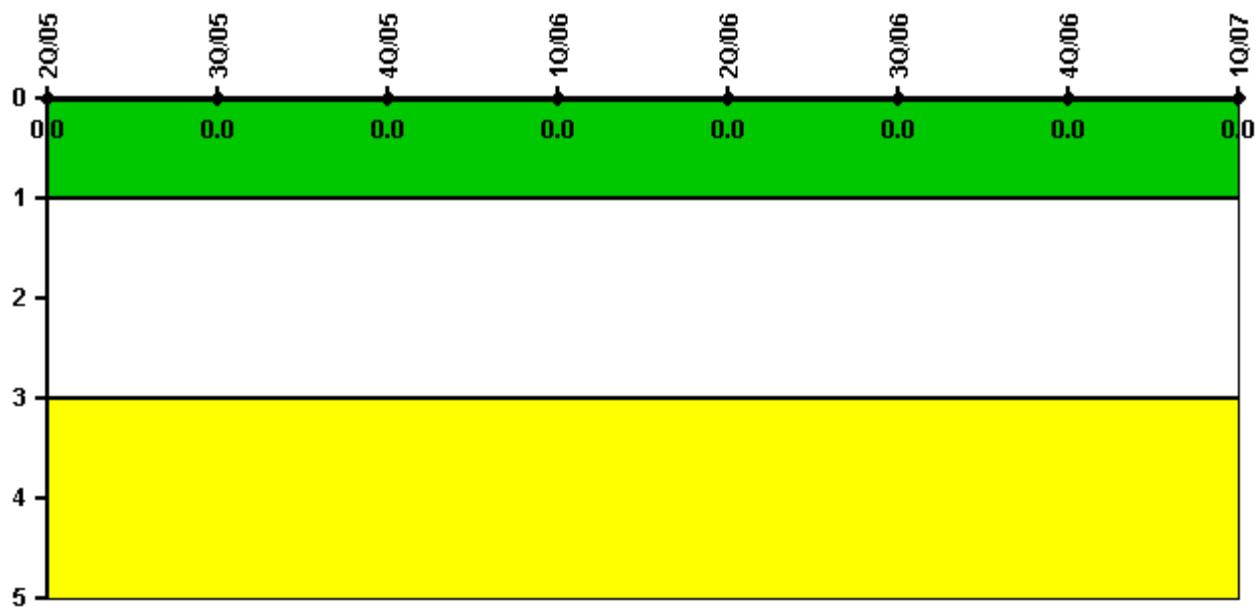
Thresholds: White > 2.0 Yellow > 5.0

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
Indicator value	0							

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

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

Saint Lucie 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	0	0	0	0	0	0
Critical hours	2208.0	692.0	2160.0	2183.0	2208.0	2209.0	2159.0	871.7
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



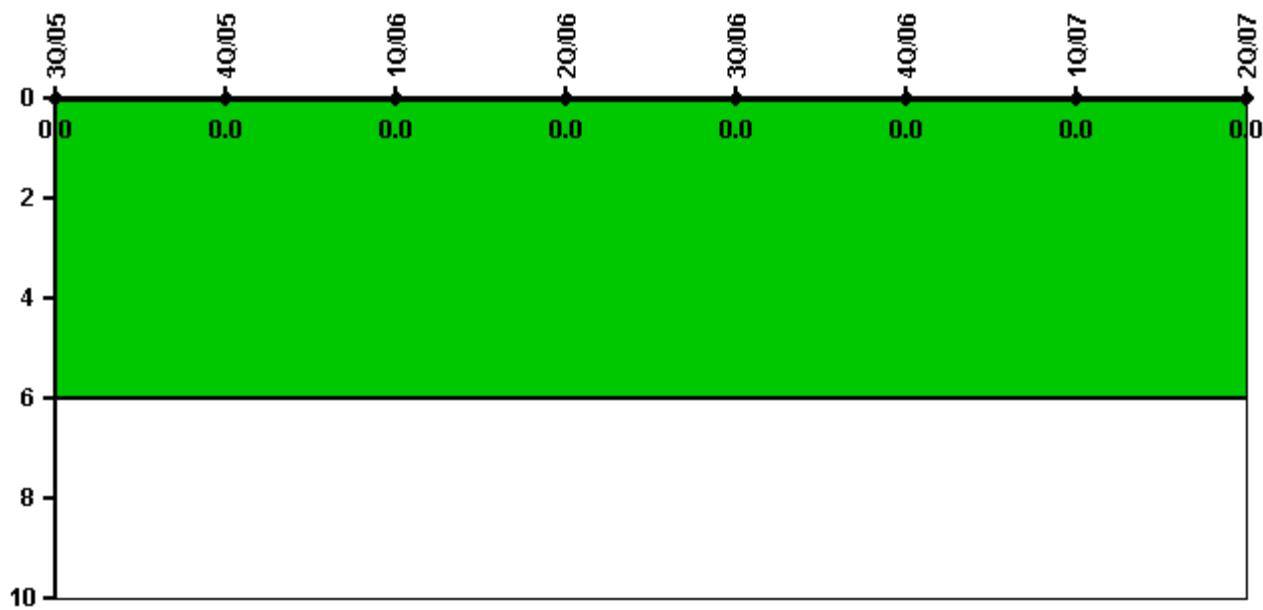
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Scrams	0	0	0	0	0	0	0	0
Indicator value	1.0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



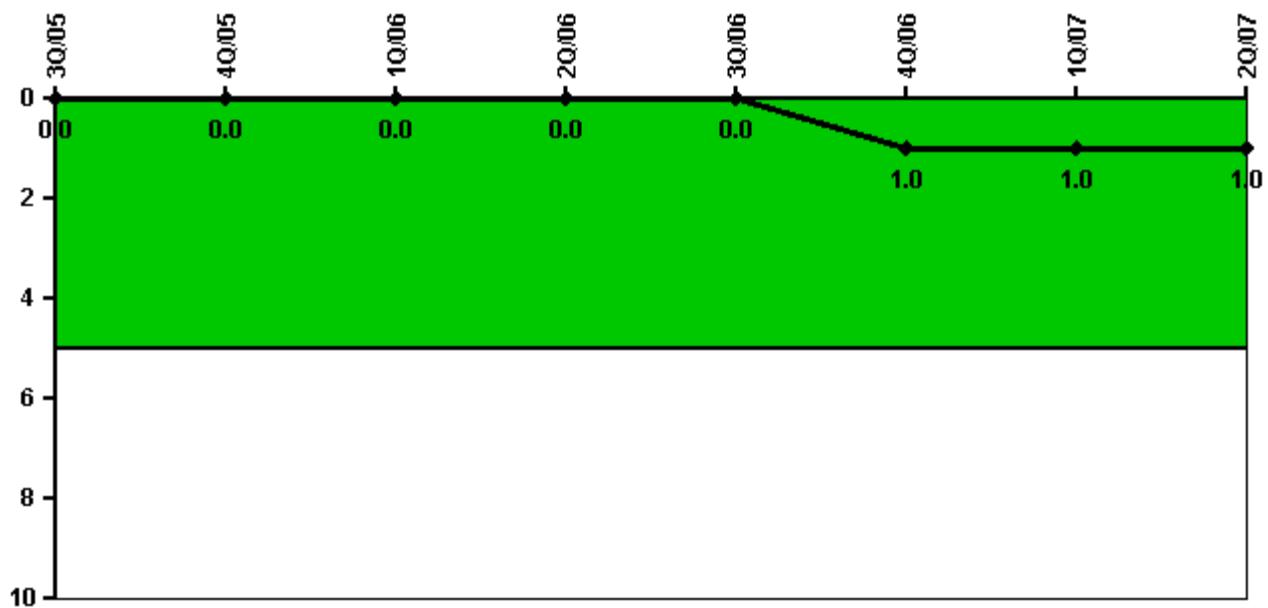
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/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	692.0	2160.0	2183.0	2208.0	2209.0	2159.0	871.7
Indicator value	0							

Licensee Comments: none

Safety System Functional Failures (PWR)



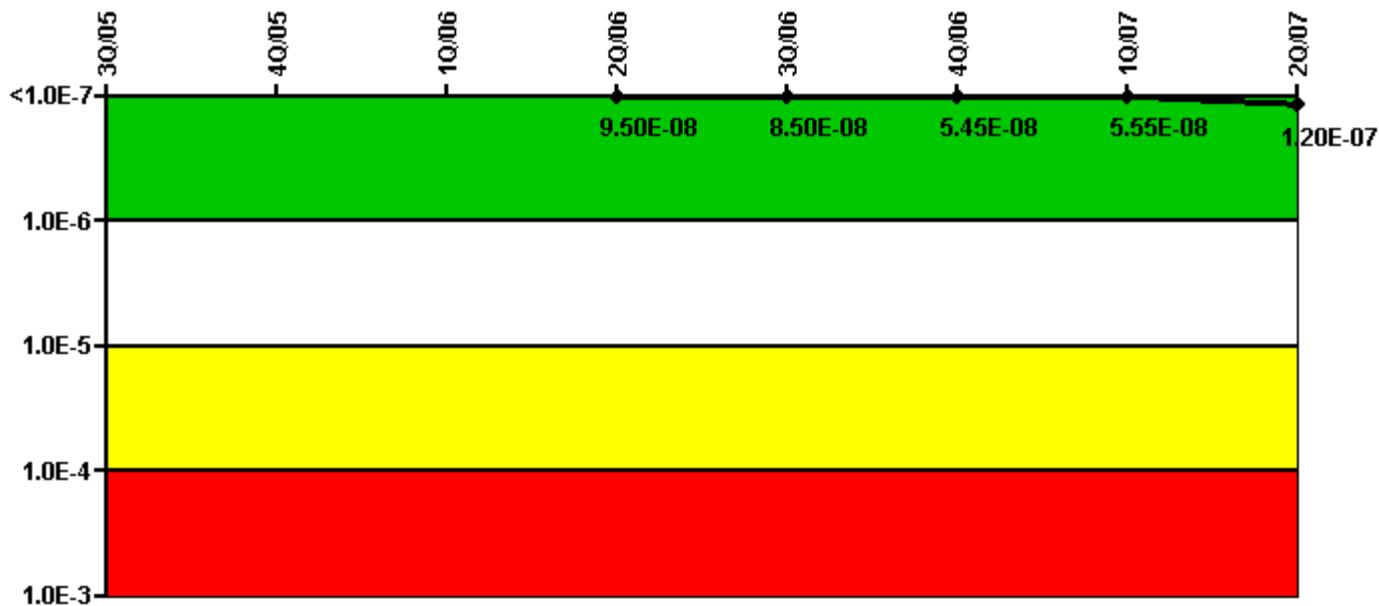
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
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

Mitigating Systems Performance Index, Emergency AC Power System



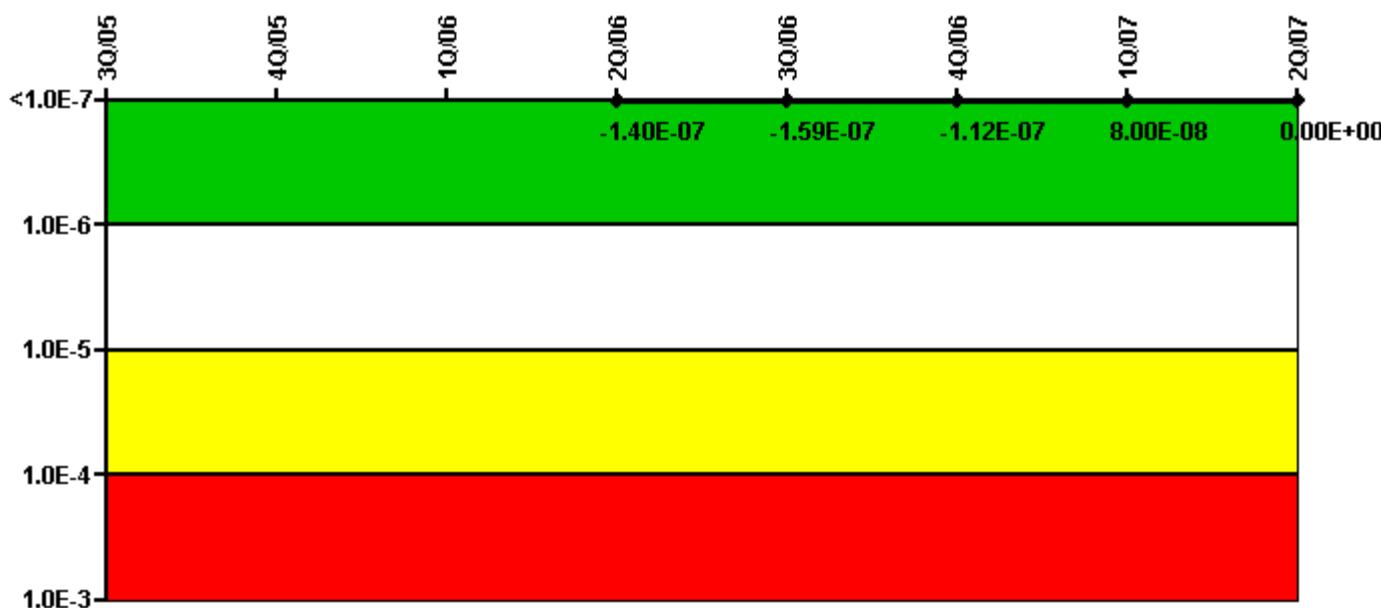
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (Δ CDF)				1.50E-07	1.40E-07	5.10E-08	5.20E-08	1.10E-07
URI (Δ CDF)				-5.50E-08	-5.50E-08	3.50E-09	3.50E-09	9.80E-09
PLE				NO	NO	NO	NO	NO
Indicator value				9.50E-08	8.50E-08	5.45E-08	5.55E-08	1.20E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



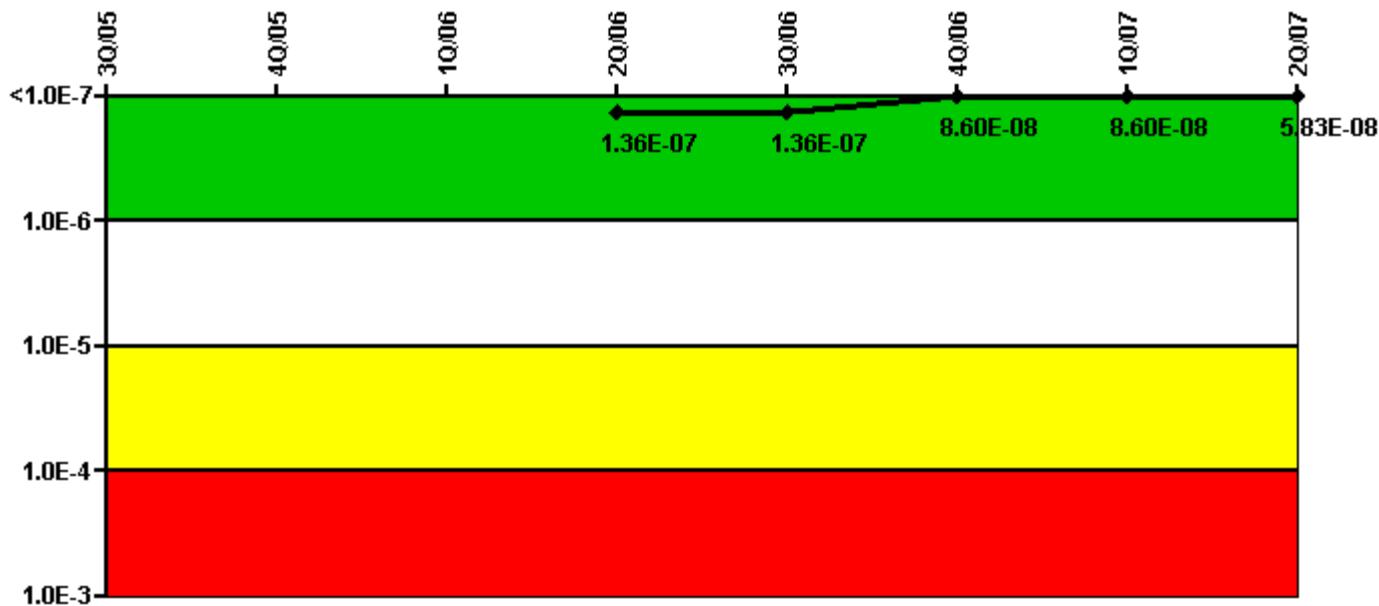
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (Δ CDF)				6.00E-08	4.10E-08	2.80E-08	2.20E-07	1.10E-07
URI (Δ CDF)				-2.00E-07	-2.00E-07	-1.40E-07	-1.40E-07	-1.10E-07
PLE				NO	NO	NO	NO	NO
Indicator value				-1.40E-07	-1.59E-07	-1.12E-07	8.00E-08	0.00E+00

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



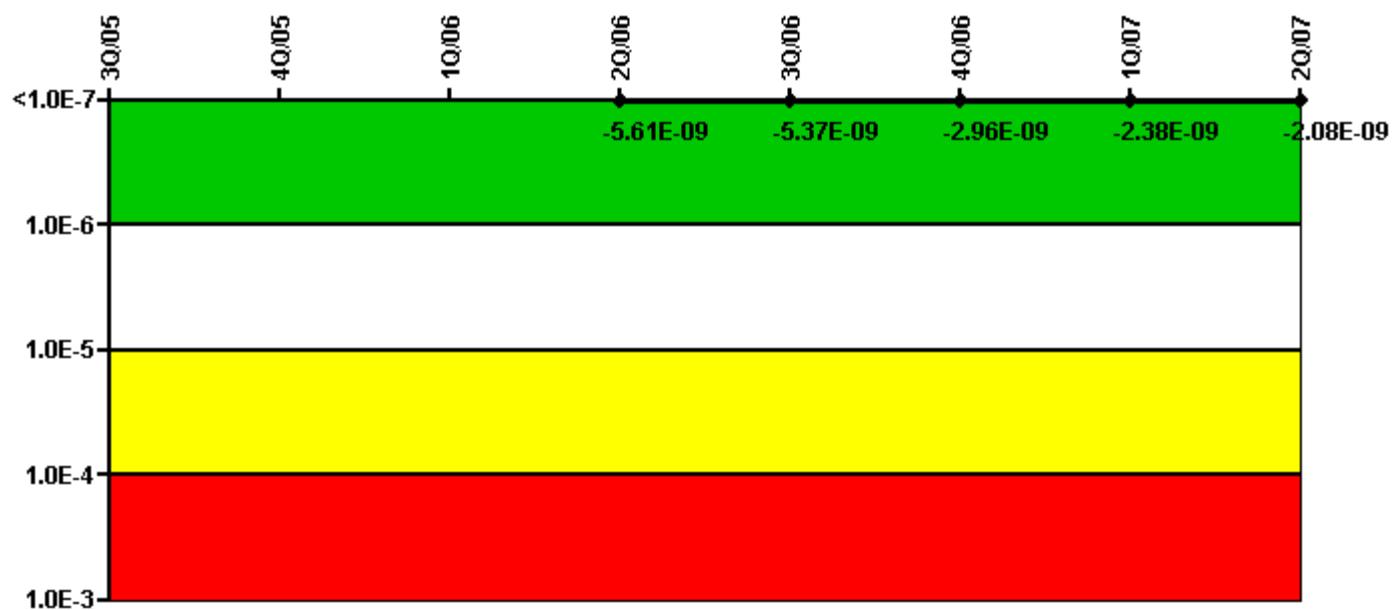
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (Δ CDF)				2.60E-08	2.60E-08	2.20E-08	2.20E-08	-2.70E-09
URI (Δ CDF)				1.10E-07	1.10E-07	6.40E-08	6.40E-08	6.10E-08
PLE				NO	NO	NO	NO	NO
Indicator value				1.36E-07	1.36E-07	8.60E-08	8.60E-08	5.83E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



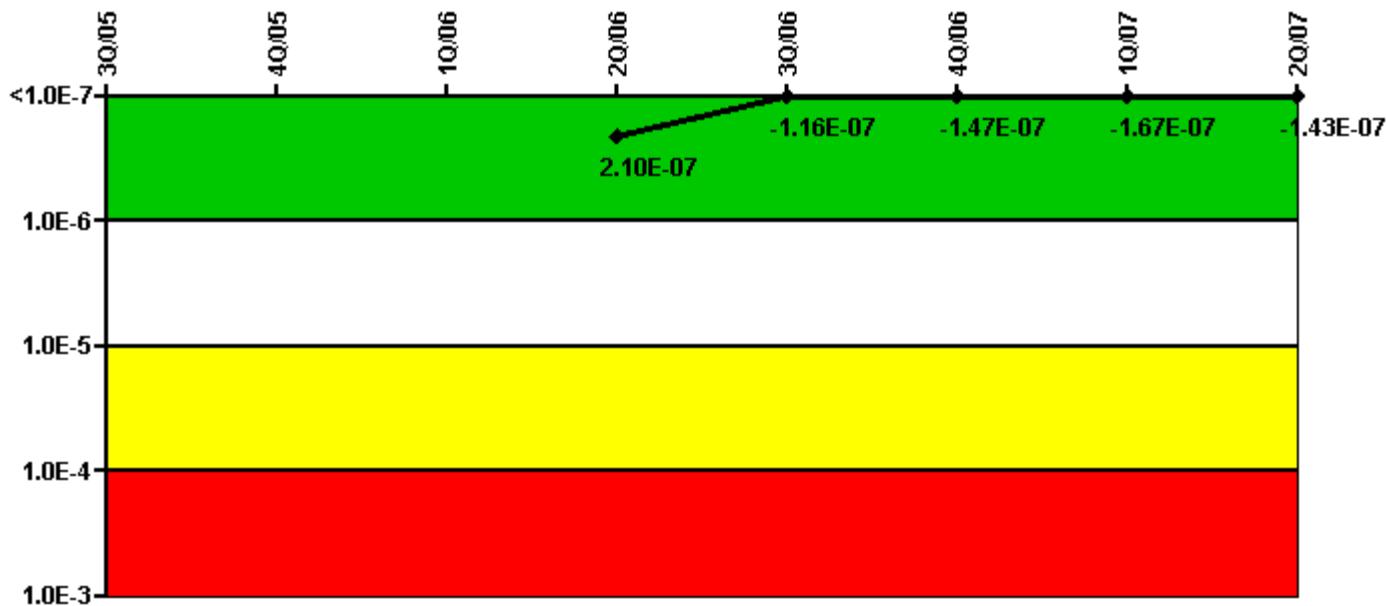
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (Δ CDF)				-6.10E-10	-3.70E-10	-2.60E-10	3.20E-10	4.20E-10
URI (Δ CDF)				-5.00E-09	-5.00E-09	-2.70E-09	-2.70E-09	-2.50E-09
PLE				NO	NO	NO	NO	NO
Indicator value				-5.61E-09	-5.37E-09	-2.96E-09	-2.38E-09	-2.08E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



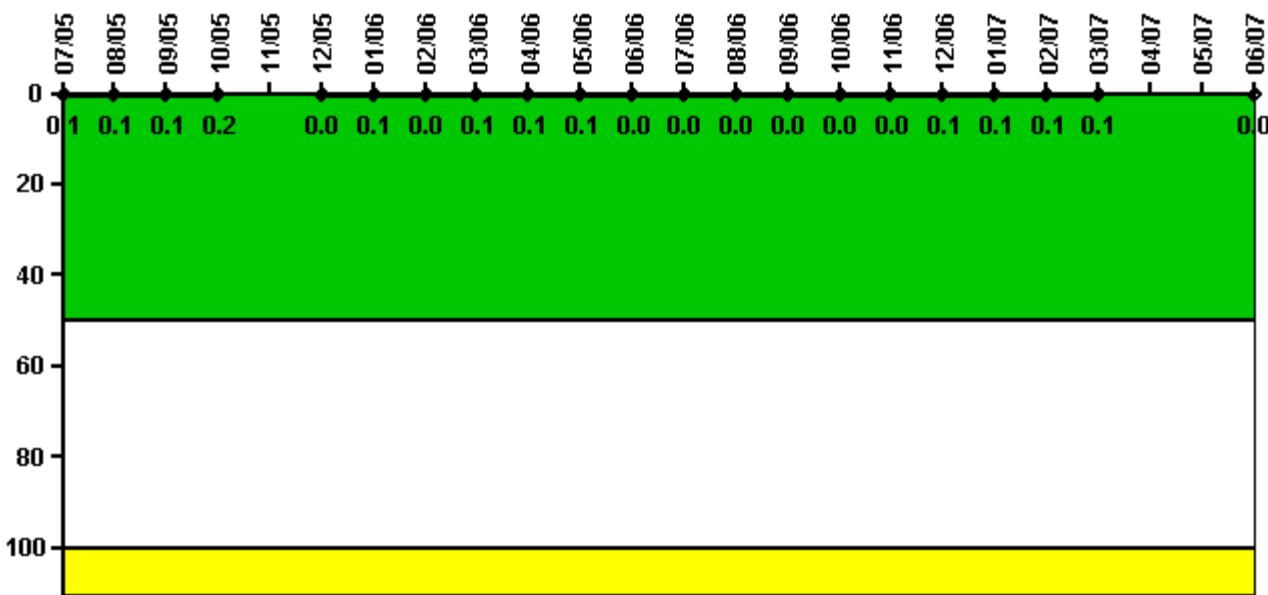
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (Δ CDF)				1.10E-07	-1.60E-07	-1.40E-07	-1.60E-07	-1.40E-07
URI (Δ CDF)				1.00E-07	4.40E-08	-6.80E-09	-6.80E-09	-3.10E-09
PLE				NO	NO	NO	NO	NO
Indicator value				2.10E-07	-1.16E-07	-1.47E-07	-1.67E-07	-1.43E-07

Licensee Comments: none

Reactor Coolant System Activity



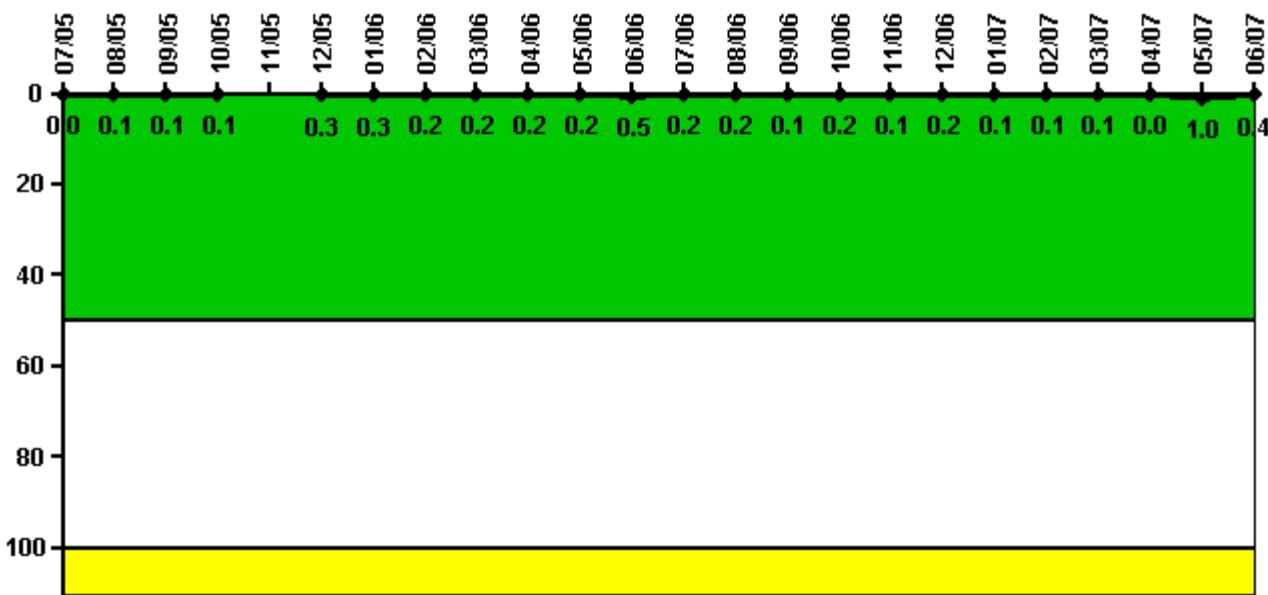
Thresholds: White > 50.0 Yellow > 100.0

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	0.000772	0.000719	0.000755	0.001540	N/A	0.000313	0.001030	0.000481	0.000514	0.000526	0.000519	0.000467
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.2	N/A	0	0.1	0	0.1	0.1	0.1	0
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	0.000457	0.000467	0.000475	0.000490	0.000499	0.000541	0.000525	0.000709	0.001150	N/A	N/A	0.000210
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0.1	0.1	0.1	0.1	N/A	N/A	0

Licensee Comments: none

Reactor Coolant System Leakage



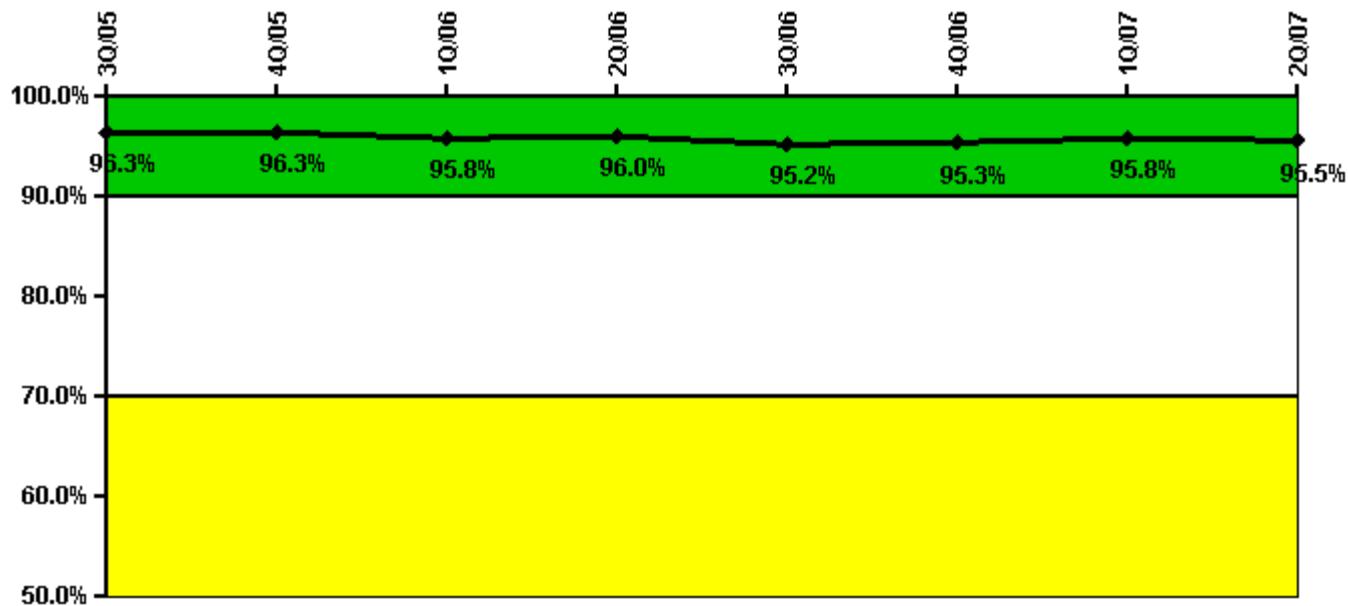
Thresholds: White > 50.0 Yellow > 100.0

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	0.003	0.005	0.010	0.009	N/A	0.030	0.030	0.020	0.020	0.023	0.018	0.045
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0.1	0.1	0.1	N/A	0.3	0.3	0.2	0.2	0.2	0.2	0.5
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	0.020	0.018	0.014	0.020	0.010	0.023	0.010	0.010	0.013	0	0.103	0.036
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.2	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0	1.0	0.4

Licensee Comments: none

Drill/Exercise Performance



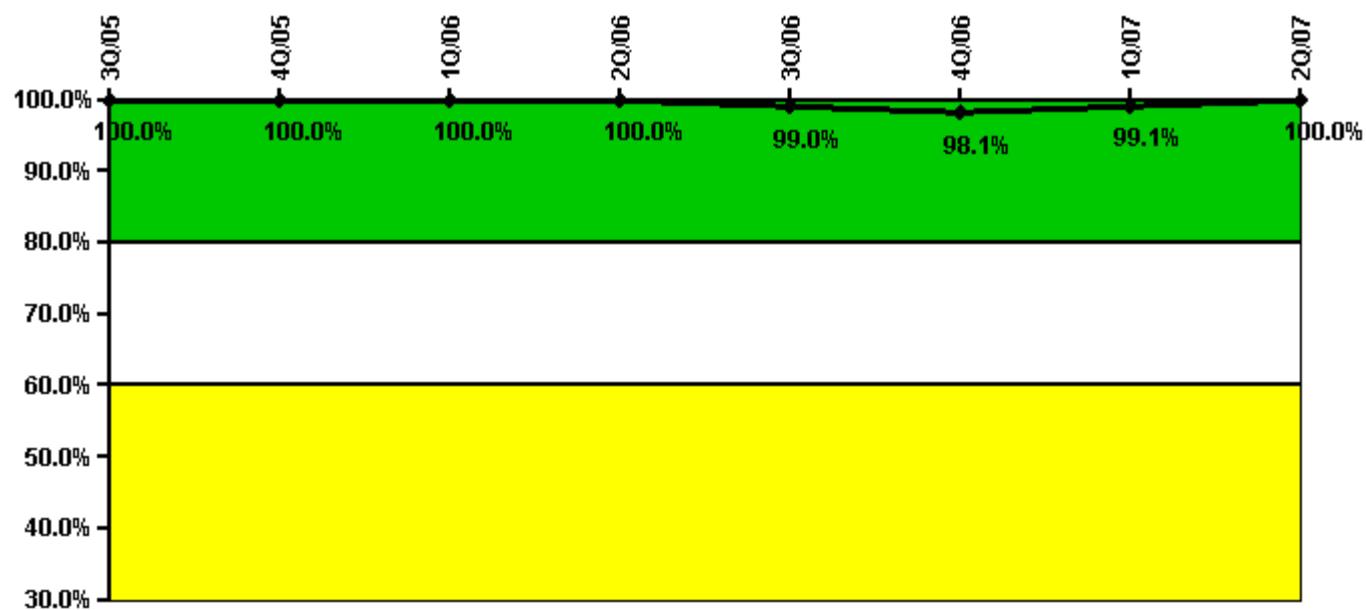
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Successful opportunities	67.0	9.0	49.0	66.0	71.0	78.0	113.0	38.0
Total opportunities	71.0	10.0	52.0	68.0	78.0	80.0	116.0	39.0
Indicator value	96.3%	96.3%	95.8%	96.0%	95.2%	95.3%	95.8%	95.5%

Licensee Comments: none

ERO Drill Participation



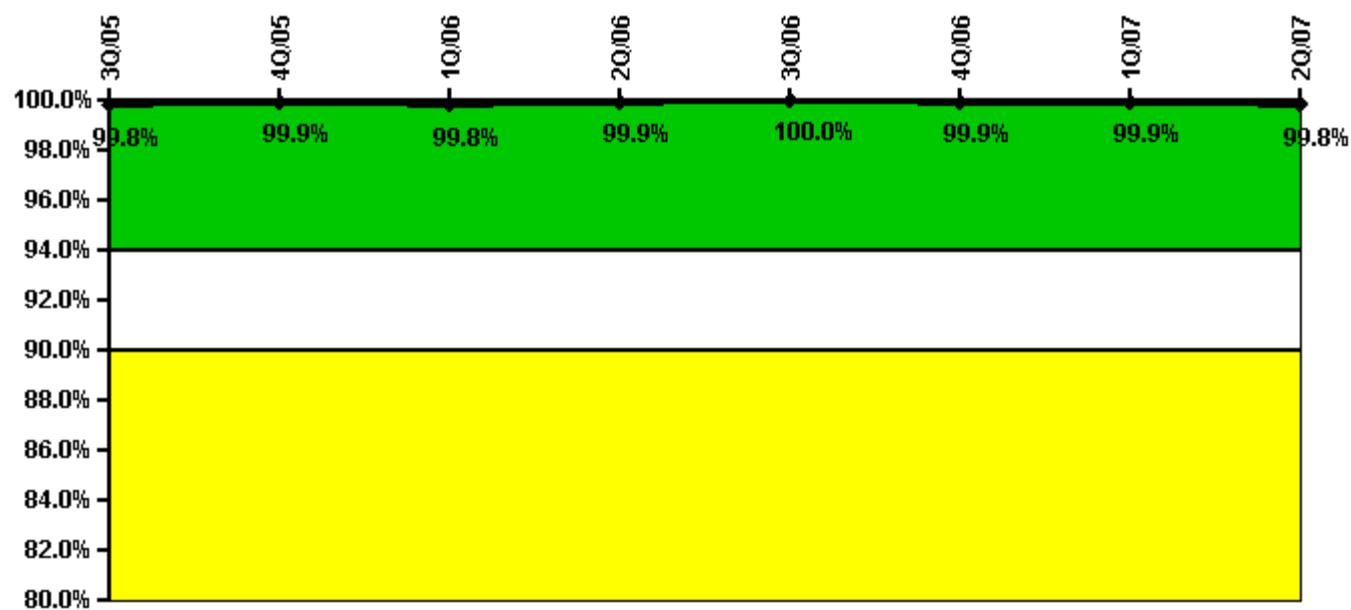
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Participating Key personnel	88.0	87.0	81.0	91.0	98.0	104.0	106.0	102.0
Total Key personnel	88.0	87.0	81.0	91.0	99.0	106.0	107.0	102.0
Indicator value	100.0%	100.0%	100.0%	100.0%	99.0%	98.1%	99.1%	100.0%

Licensee Comments: none

Alert & Notification System



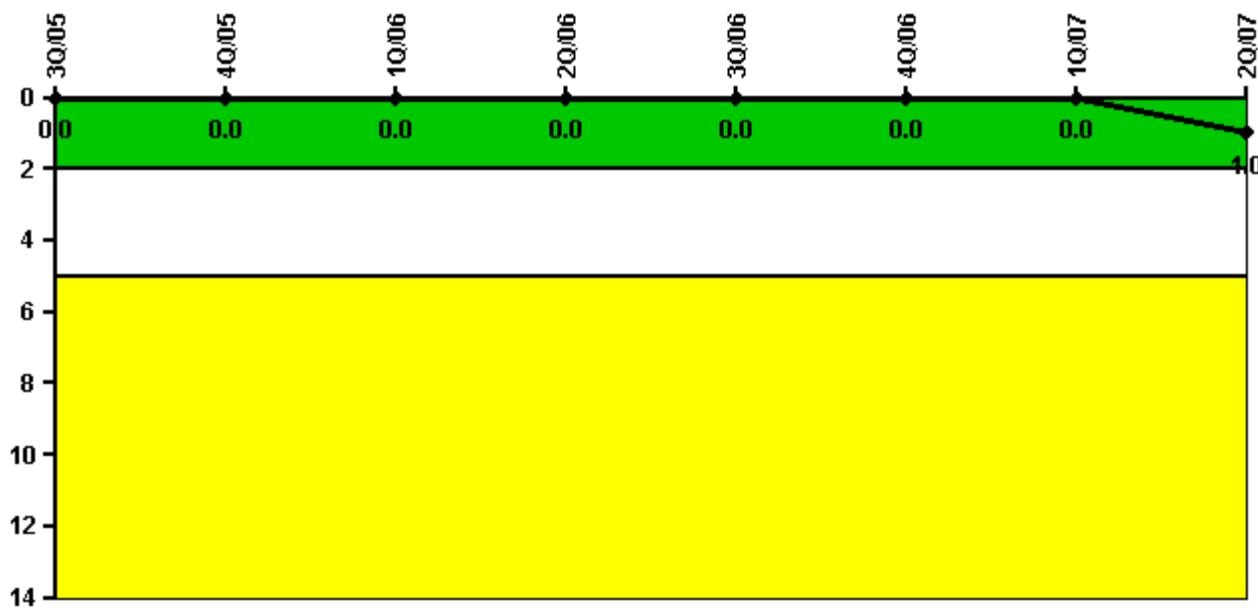
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Successful siren-tests	711	536	719	630	630	629	719	627
Total sirens-tests	712	536	720	630	630	630	720	630
Indicator value	99.8%	99.9%	99.8%	99.9%	100.0%	99.9%	99.9%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



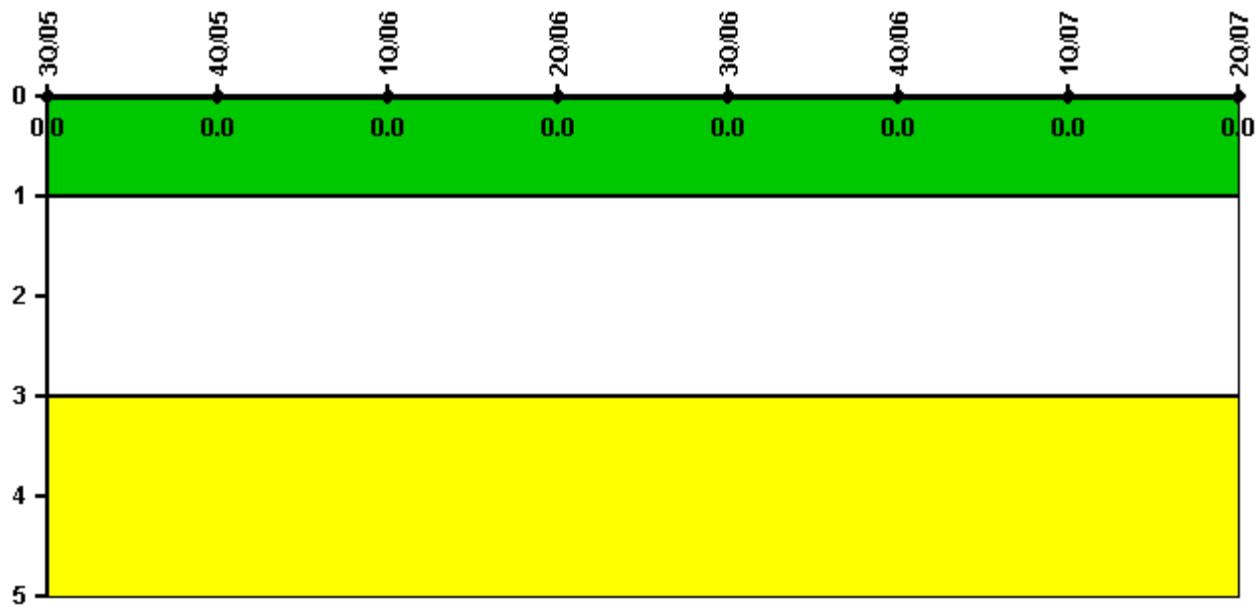
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/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	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	0	1						

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

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

Saint Lucie 1

3Q/2007 Performance Indicators

Licensee's General Comments: USwC implementation; correction to 2Q/2007 Occupational Radiation data

Unplanned Scrams per 7000 Critical Hrs



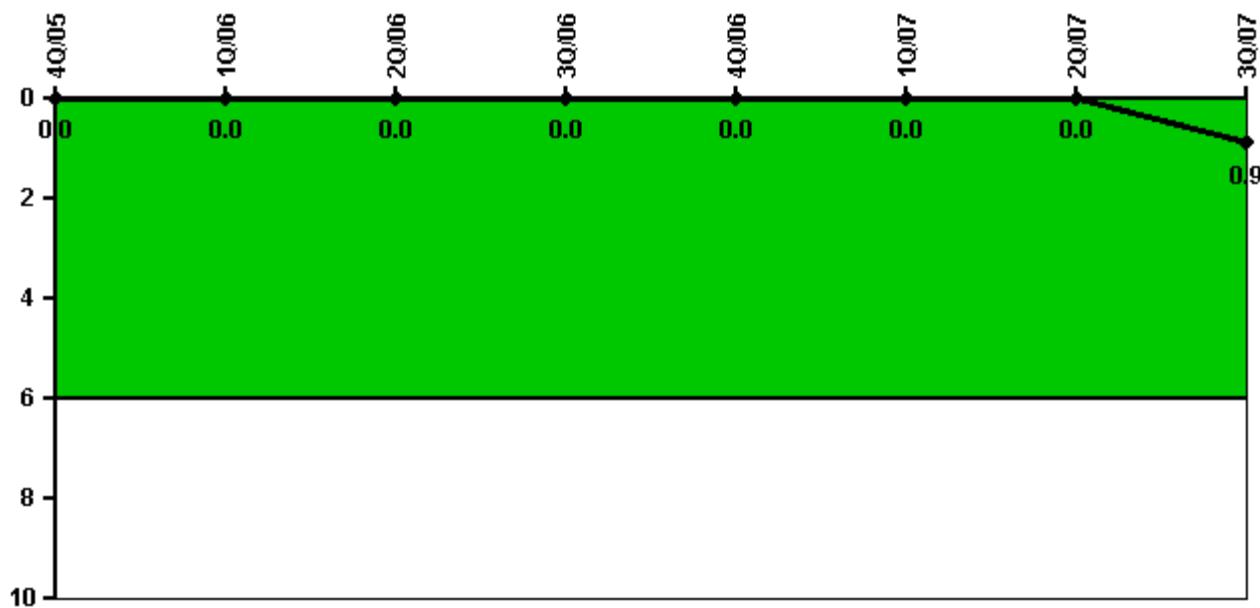
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	0	0	0	0	0	0	0
Critical hours	692.0	2160.0	2183.0	2208.0	2209.0	2159.0	871.7	2208.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



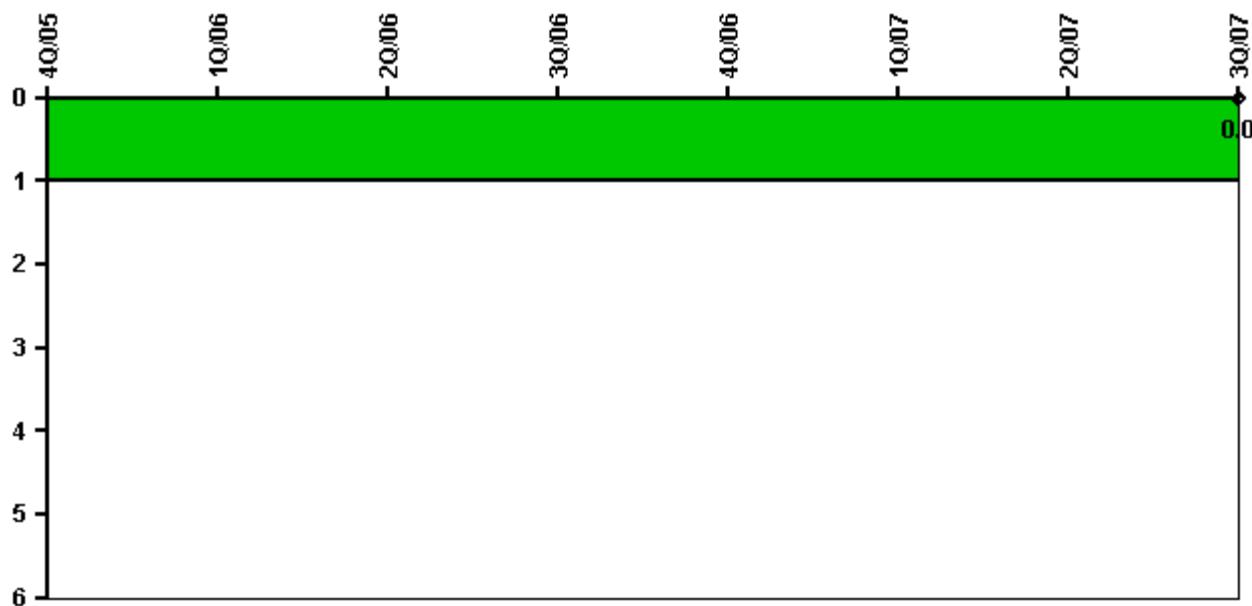
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/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	1.0
Critical hours	692.0	2160.0	2183.0	2208.0	2209.0	2159.0	871.7	2208.0
Indicator value	0	0.9						

Licensee Comments: none

Unplanned Scrams with Complications



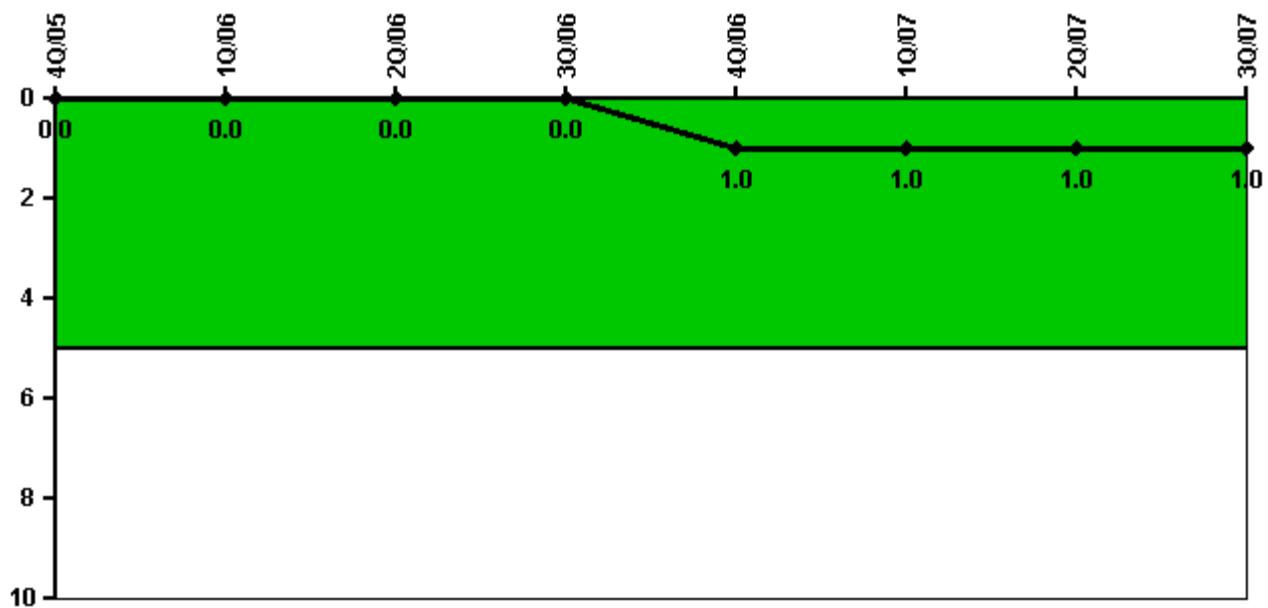
Thresholds: White > 1.0

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								0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



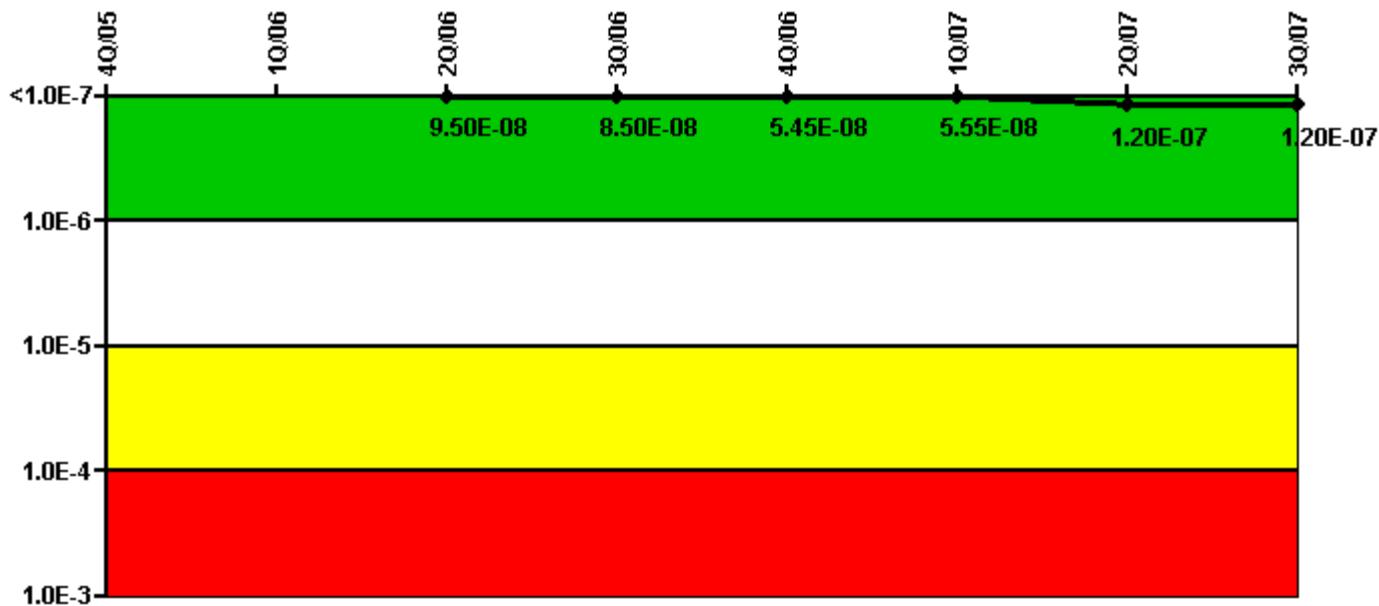
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Safety System Functional Failures	0	0	0	0	1	0	0	0
Indicator value	0	0	0	0	1	1	1	1

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



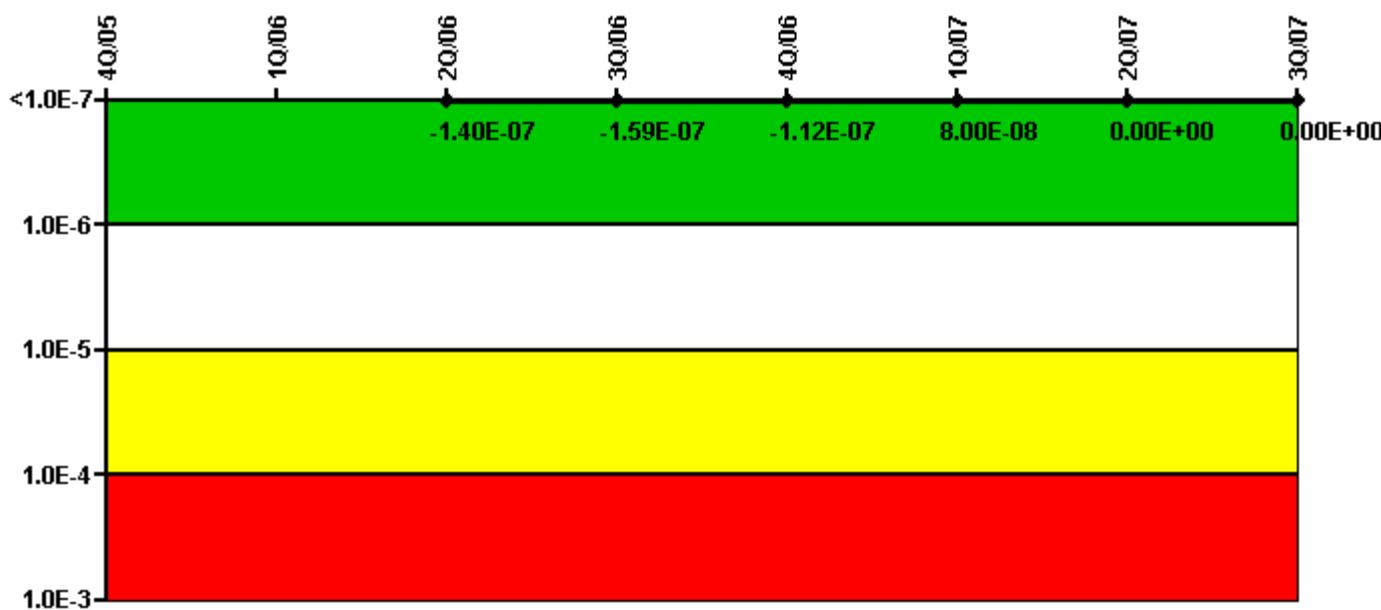
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI (Δ CDF)				1.50E-07	1.40E-07	5.10E-08	5.20E-08	1.10E-07
URI (Δ CDF)				-5.50E-08	-5.50E-08	3.50E-09	3.50E-09	9.80E-09
PLE				NO	NO	NO	NO	NO
Indicator value				9.50E-08	8.50E-08	5.45E-08	5.55E-08	1.20E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



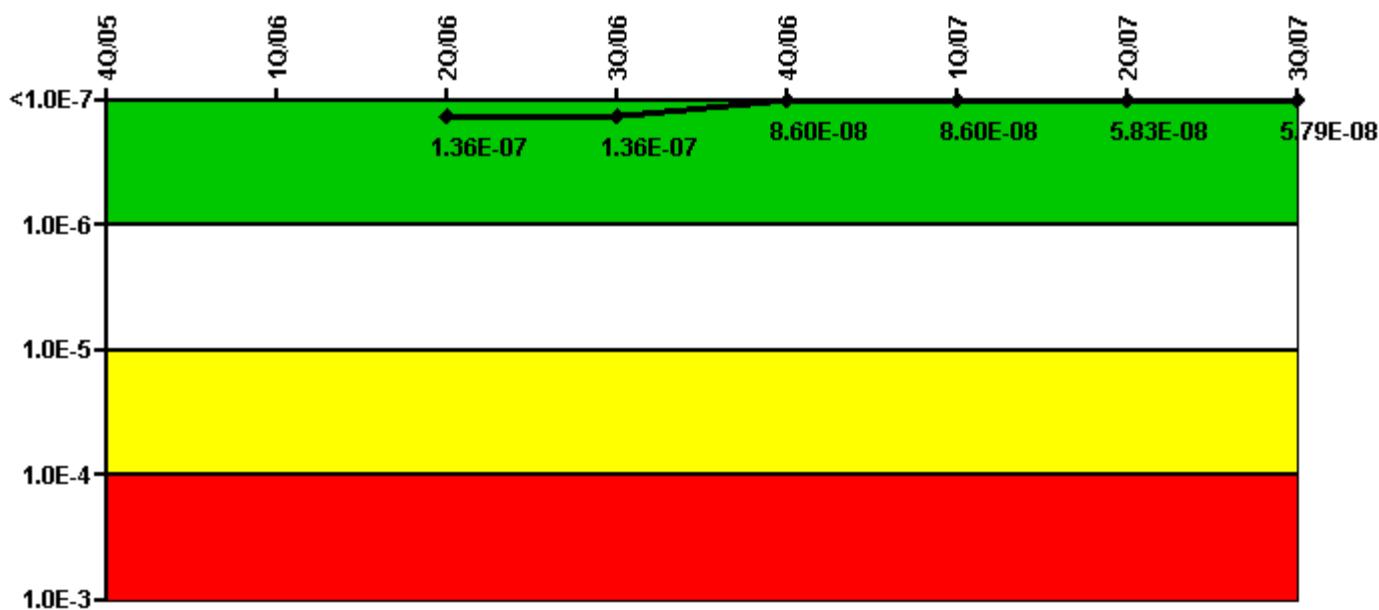
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI (Δ CDF)				6.00E-08	4.10E-08	2.80E-08	2.20E-07	1.10E-07
URI (Δ CDF)				-2.00E-07	-2.00E-07	-1.40E-07	-1.10E-07	-1.10E-07
PLE				NO	NO	NO	NO	NO
Indicator value				-1.40E-07	-1.59E-07	-1.12E-07	8.00E-08	0.00E+00

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



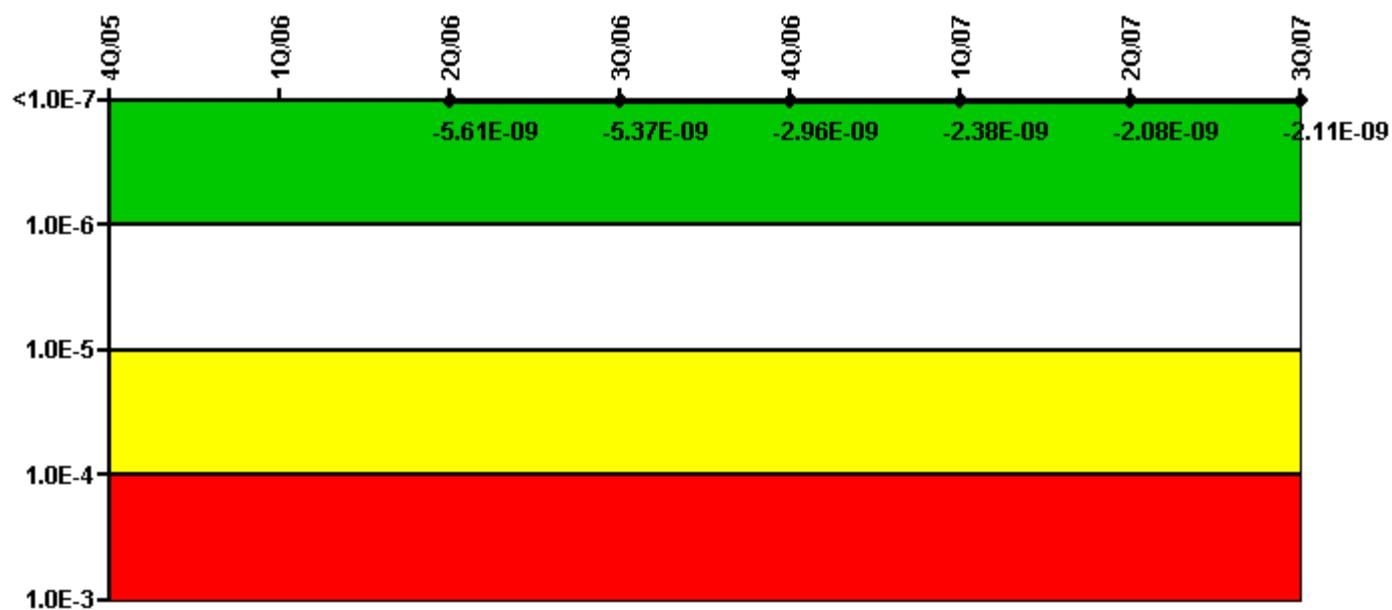
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI (Δ CDF)			2.60E-08	2.60E-08	2.20E-08	2.20E-08	-2.70E-09	-3.10E-09
URI (Δ CDF)			1.10E-07	1.10E-07	6.40E-08	6.40E-08	6.10E-08	6.10E-08
PLE			NO	NO	NO	NO	NO	NO
Indicator value			1.36E-07	1.36E-07	8.60E-08	8.60E-08	5.83E-08	5.79E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



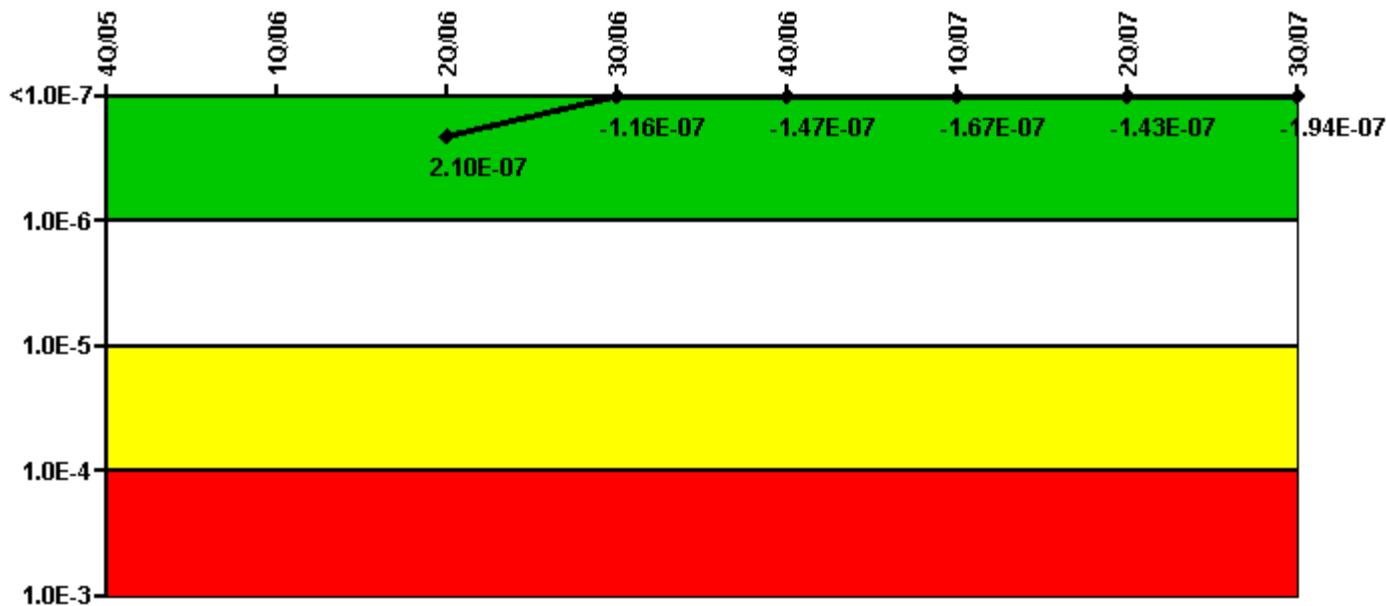
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI (ΔCDF)			-6.10E-10	-3.70E-10	-2.60E-10	3.20E-10	4.20E-10	3.90E-10
URI (ΔCDF)			-5.00E-09	-5.00E-09	-2.70E-09	-2.70E-09	-2.50E-09	-2.50E-09
PLE			NO	NO	NO	NO	NO	NO
Indicator value			-5.61E-09	-5.37E-09	-2.96E-09	-2.38E-09	-2.08E-09	-2.11E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



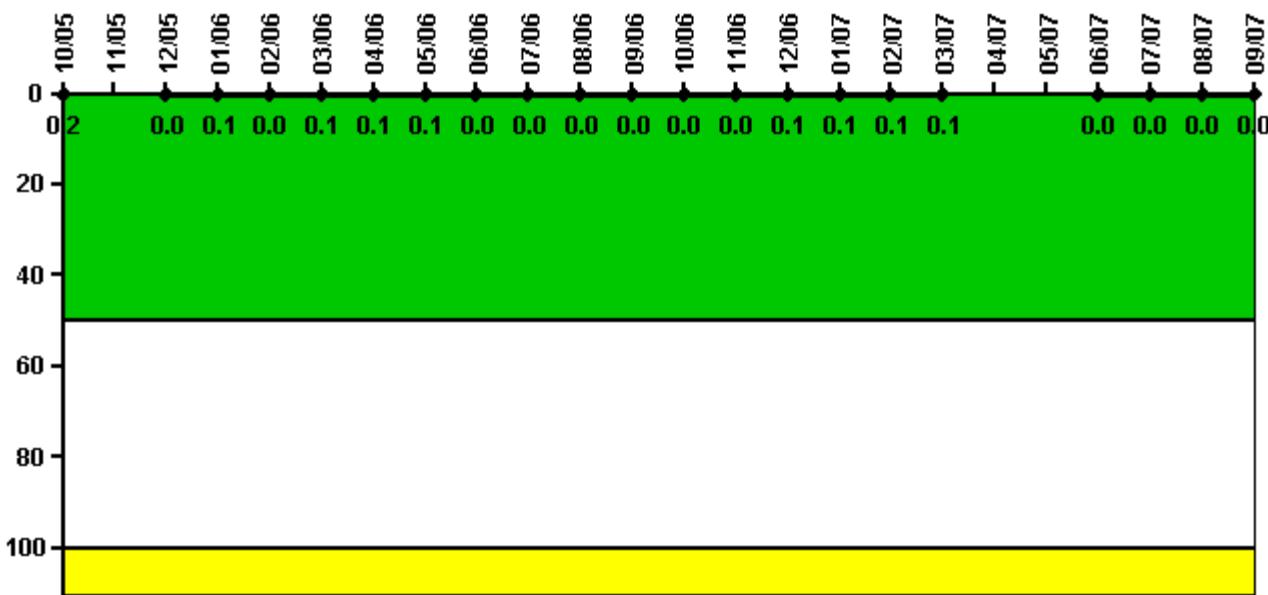
Thresholds: White > $1.00\text{E-}6$ Yellow > $1.00\text{E-}5$ Red > $1.00\text{E-}4$

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 (Δ CDF)				$1.10\text{E-}07$	$-1.60\text{E-}07$	$-1.40\text{E-}07$	$-1.60\text{E-}07$	$-1.40\text{E-}07$
URI (Δ CDF)				$1.00\text{E-}07$	$4.40\text{E-}08$	$-6.80\text{E-}09$	$-6.80\text{E-}09$	$-3.10\text{E-}09$
PLE				NO	NO	NO	NO	NO
Indicator value				$2.10\text{E-}07$	$-1.16\text{E-}07$	$-1.47\text{E-}07$	$-1.67\text{E-}07$	$-1.43\text{E-}07$

Licensee Comments: none

Reactor Coolant System Activity



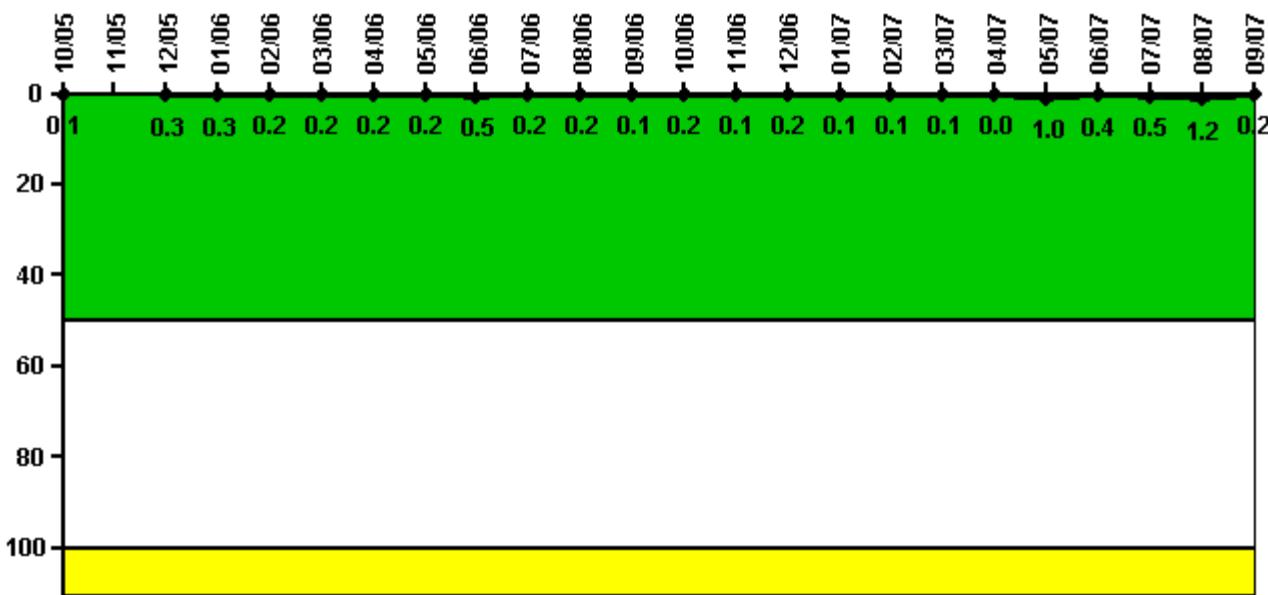
Thresholds: White > 50.0 Yellow > 100.0

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	0.001540	N/A	0.000313	0.001030	0.000481	0.000514	0.000526	0.000519	0.000467	0.000457	0.000467	0.000475
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.2	N/A	0	0.1	0	0.1	0.1	0.1	0	0	0	0
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	0.000490	0.000499	0.000541	0.000525	0.000709	0.001150	N/A	N/A	0.000210	0.000402	0.000358	0.000193
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0.1	0.1	0.1	0.1	N/A	N/A	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



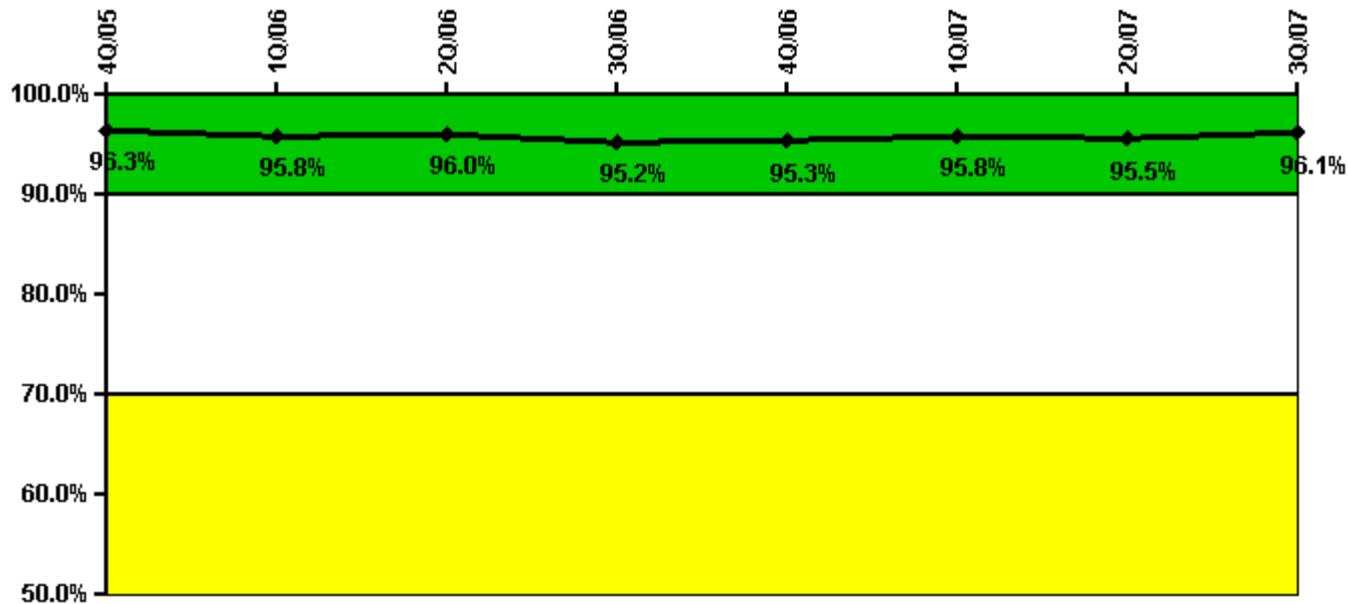
Thresholds: White > 50.0 Yellow > 100.0

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	0.009	N/A	0.030	0.030	0.020	0.020	0.023	0.018	0.045	0.020	0.018	0.014
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	N/A	0.3	0.3	0.2	0.2	0.2	0.2	0.5	0.2	0.2	0.1
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	0.020	0.010	0.023	0.010	0.010	0.013	0	0.103	0.036	0.050	0.120	0.020
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.1	0.2	0.1	0.1	0.1	0	1.0	0.4	0.5	1.2	0.2

Licensee Comments: none

Drill/Exercise Performance



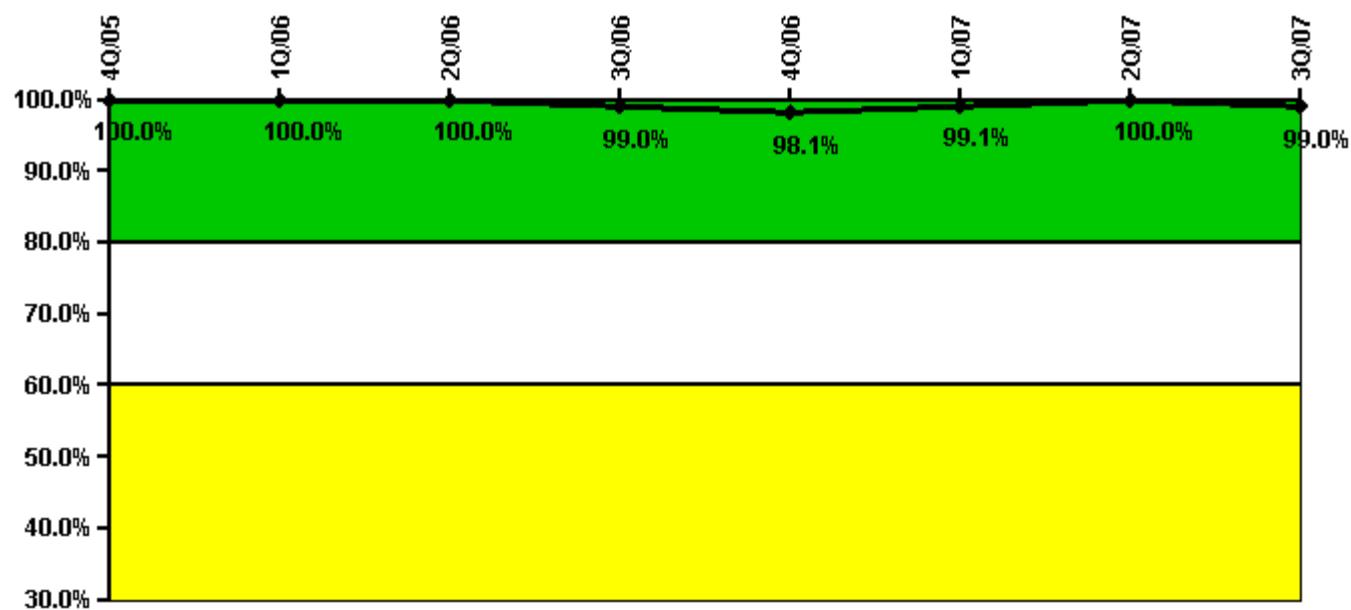
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Successful opportunities	9.0	49.0	66.0	71.0	78.0	113.0	38.0	88.0
Total opportunities	10.0	52.0	68.0	78.0	80.0	116.0	39.0	90.0
Indicator value	96.3%	95.8%	96.0%	95.2%	95.3%	95.8%	95.5%	96.1%

Licensee Comments: none

ERO Drill Participation



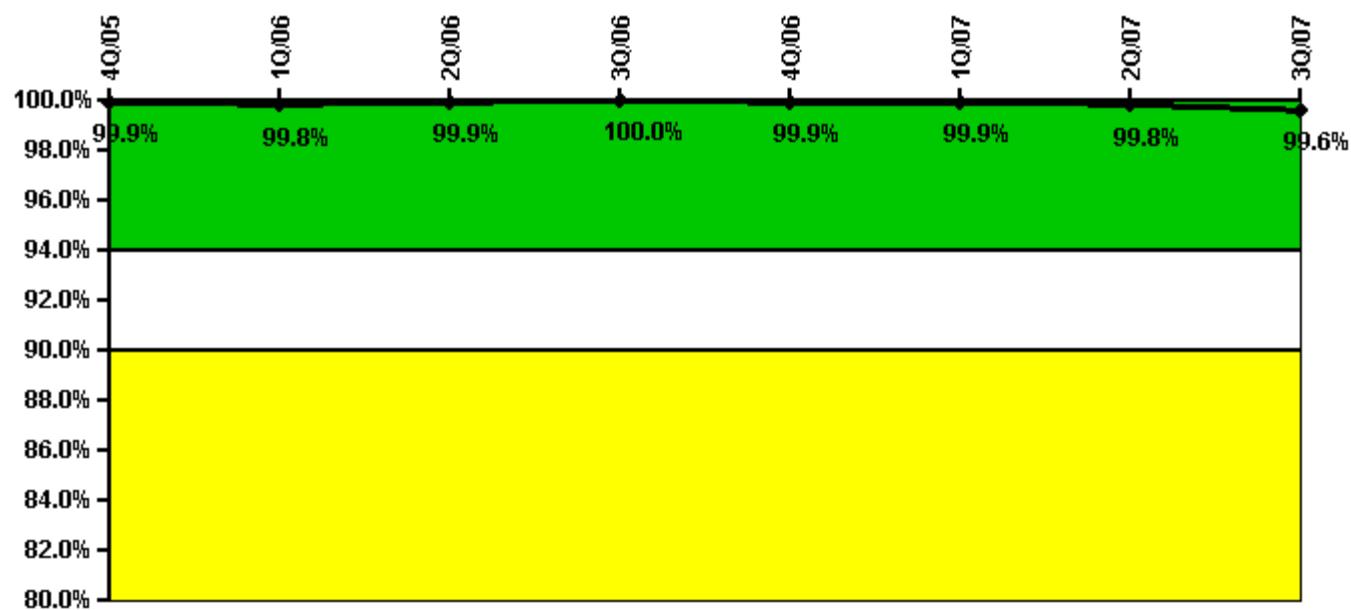
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Participating Key personnel	87.0	81.0	91.0	98.0	104.0	106.0	102.0	98.0
Total Key personnel	87.0	81.0	91.0	99.0	106.0	107.0	102.0	99.0
Indicator value	100.0%	100.0%	100.0%	99.0%	98.1%	99.1%	100.0%	99.0%

Licensee Comments: none

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	536	719	630	630	629	719	627	714
Total sirens-tests	536	720	630	630	630	720	630	720
Indicator value	99.9%	99.8%	99.9%	100.0%	99.9%	99.9%	99.8%	99.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

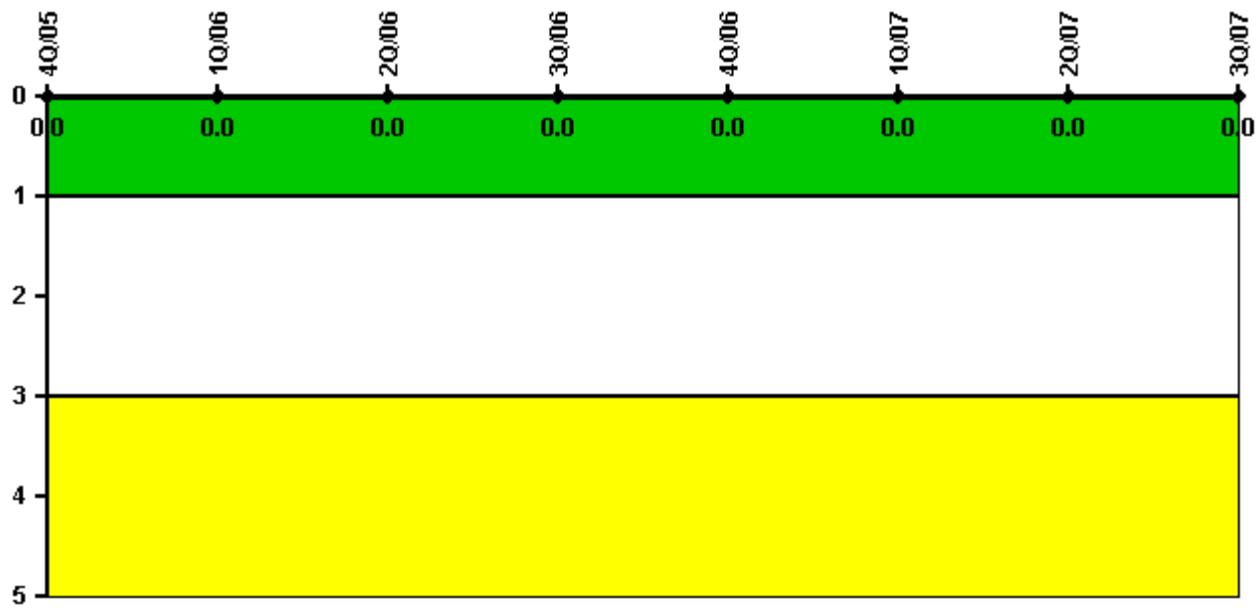
Notes

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
Indicator value	0							

Licensee Comments:

2Q/07: April High radiation area occurrences Data corrected from "1" to "0" based on subsequent NRC Region 2 and NRR concurrence that the event in question did not represent a locked high radiation area occurrence.

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

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

Saint Lucie 1

4Q/2007 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



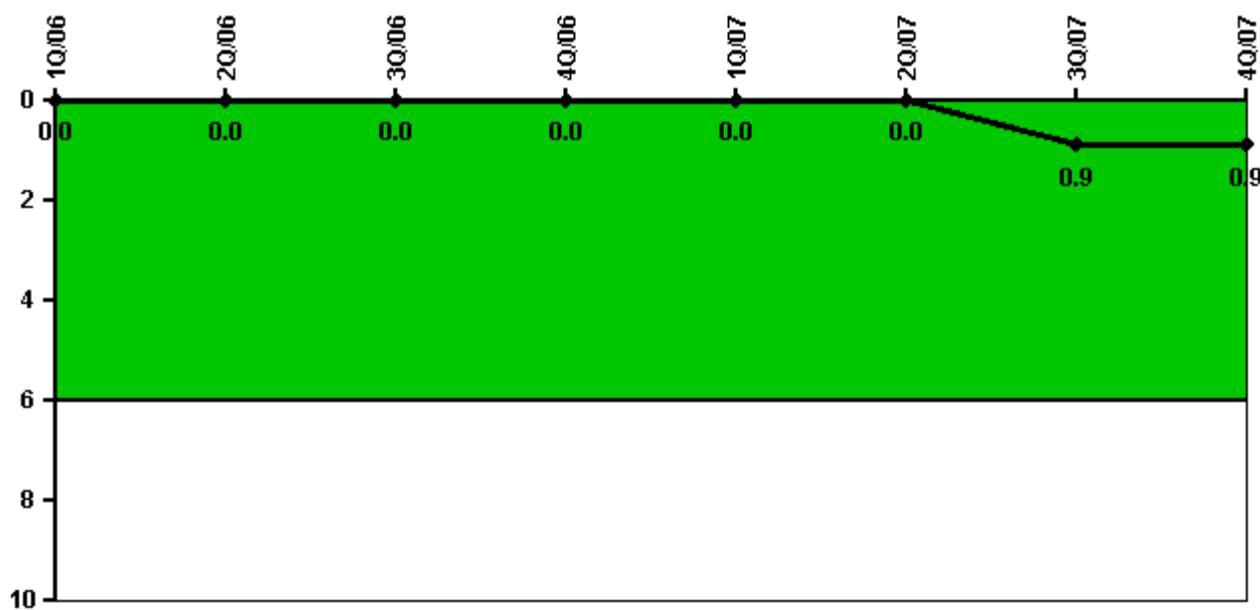
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	0	0	0	0	0	0	0	0
Critical hours	2160.0	2183.0	2208.0	2209.0	2159.0	871.7	2208.0	2209.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



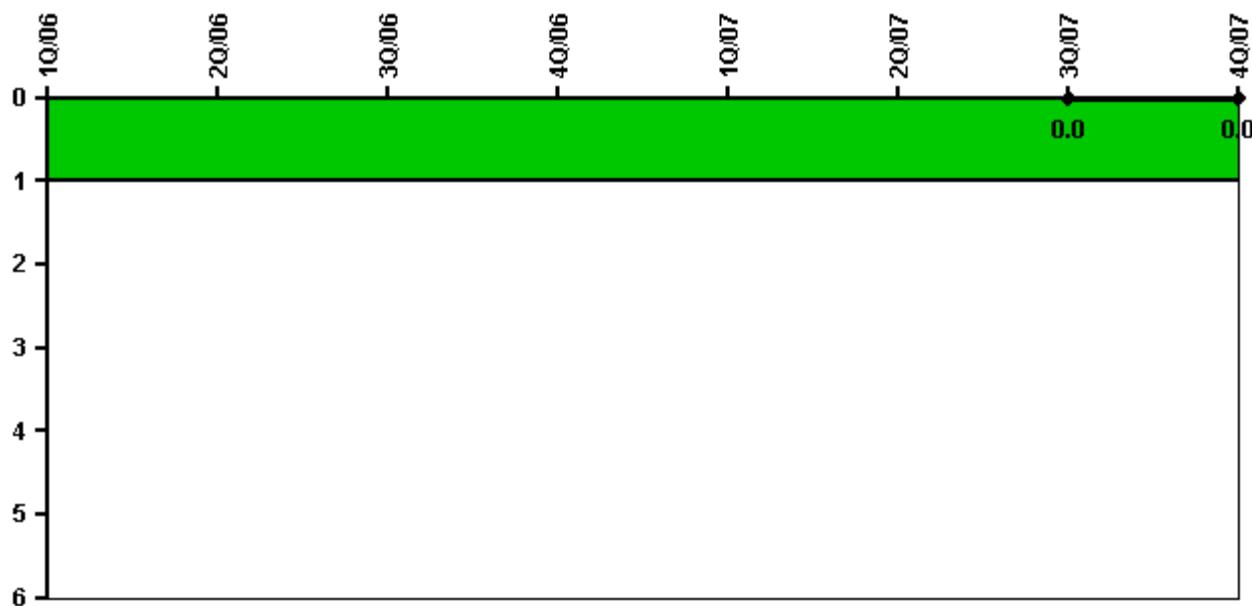
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Unplanned power changes	0	0	0	0	0	0	1.0	0
Critical hours	2160.0	2183.0	2208.0	2209.0	2159.0	871.7	2208.0	2209.0
Indicator value	0	0	0	0	0	0	0.9	0.9

Licensee Comments: none

Unplanned Scrams with Complications



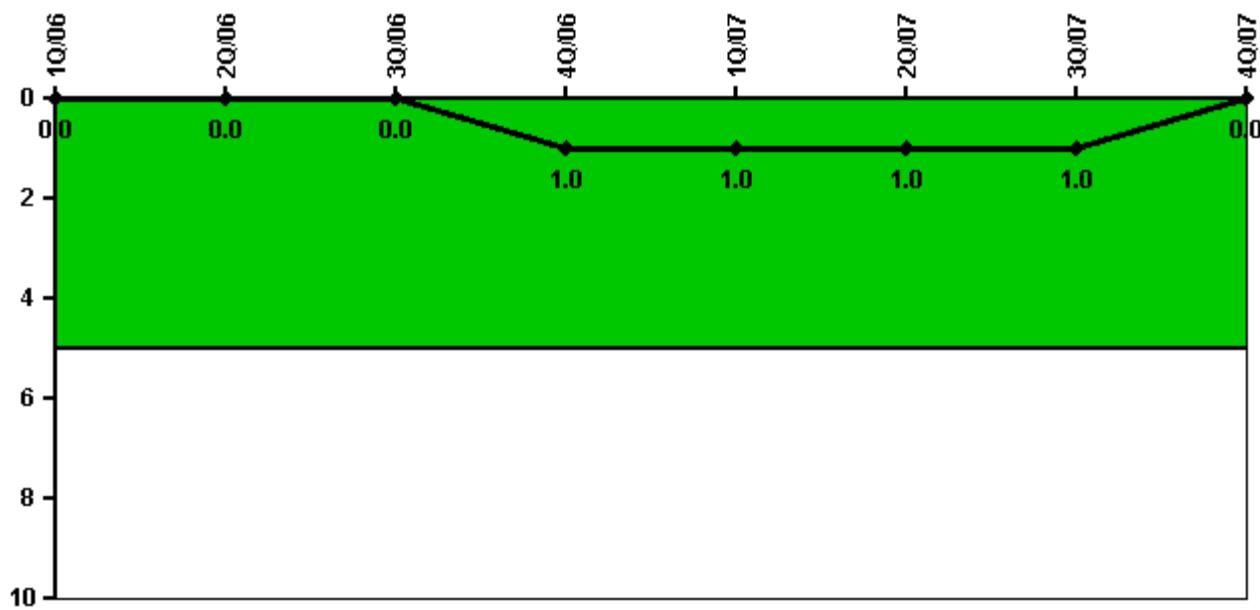
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/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							0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



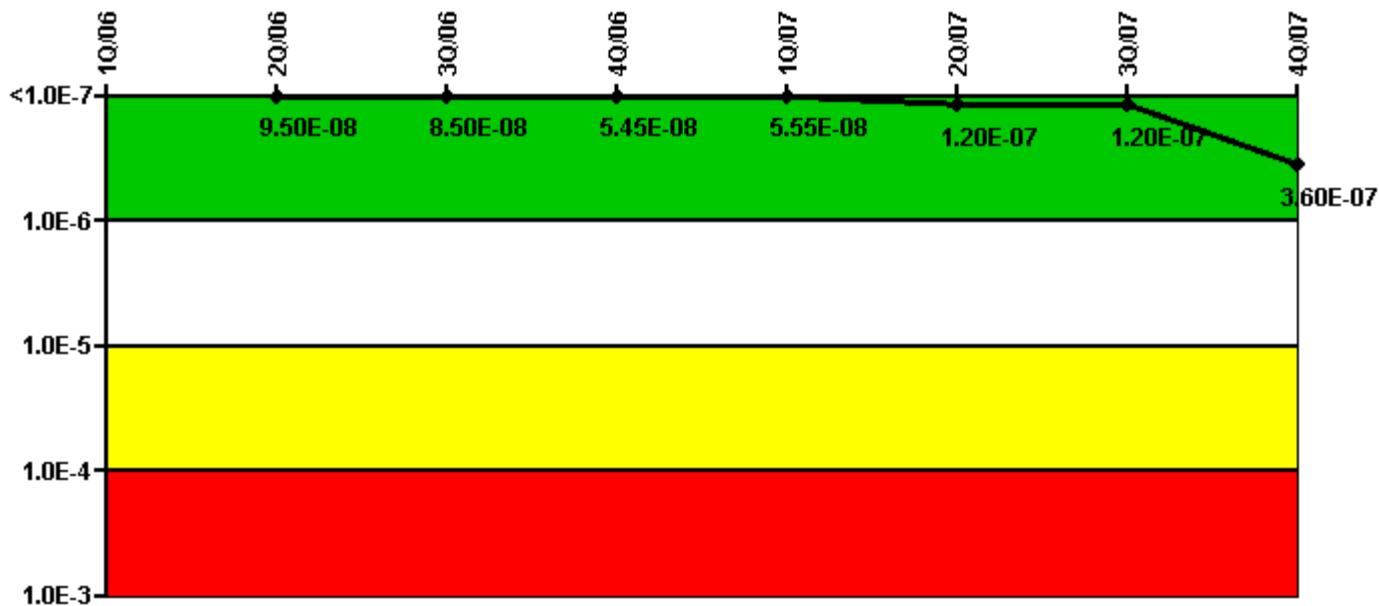
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
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

Mitigating Systems Performance Index, Emergency AC Power System



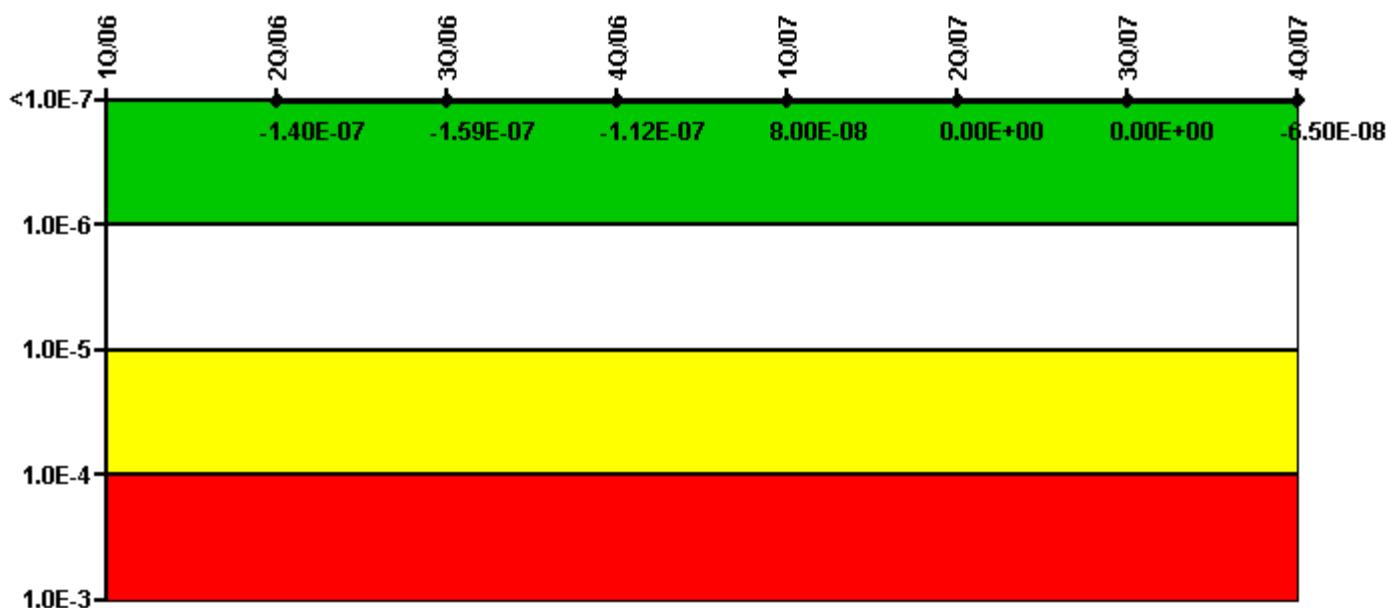
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (Δ CDF)		1.50E-07	1.40E-07	5.10E-08	5.20E-08	1.10E-07	1.10E-07	1.40E-07
URI (Δ CDF)		-5.50E-08	-5.50E-08	3.50E-09	3.50E-09	9.80E-09	9.80E-09	2.20E-07
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		9.50E-08	8.50E-08	5.45E-08	5.55E-08	1.20E-07	1.20E-07	3.60E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



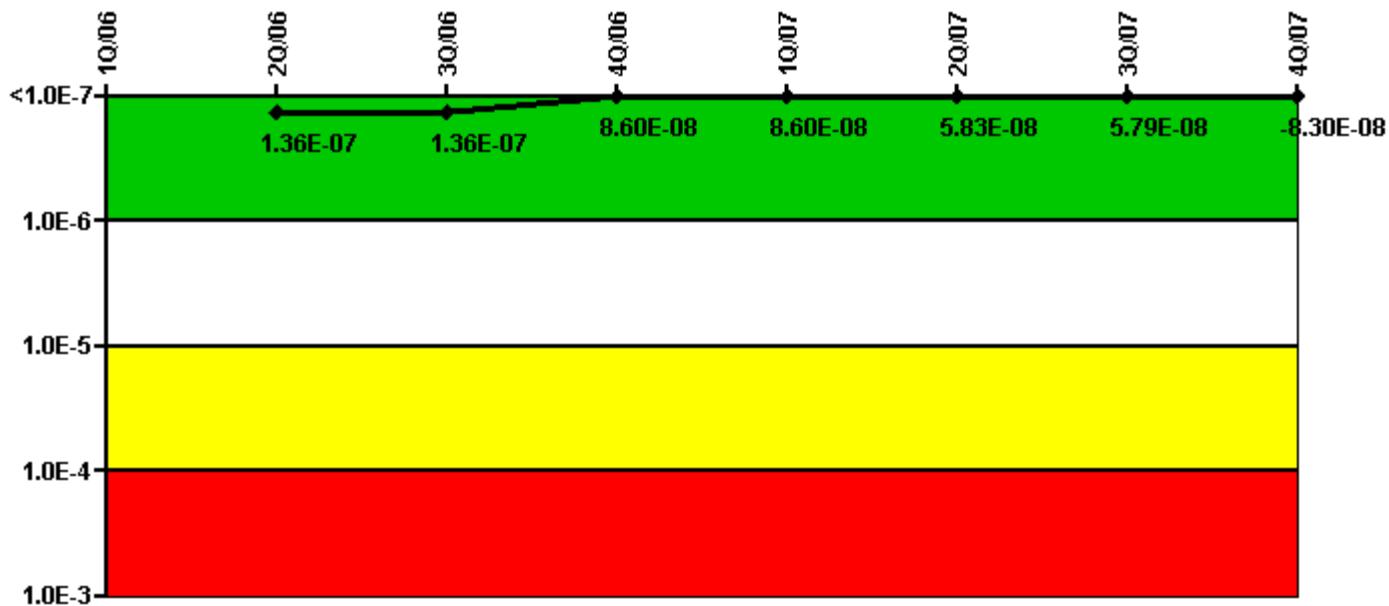
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI (Δ CDF)		6.00E-08	4.10E-08	2.80E-08	2.20E-07	1.10E-07	1.10E-07	4.50E-08
URI (Δ CDF)		-2.00E-07	-2.00E-07	-1.40E-07	-1.40E-07	-1.10E-07	-1.10E-07	-1.10E-07
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		-1.40E-07	-1.59E-07	-1.12E-07	8.00E-08	0.00E+00	0.00E+00	-6.50E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



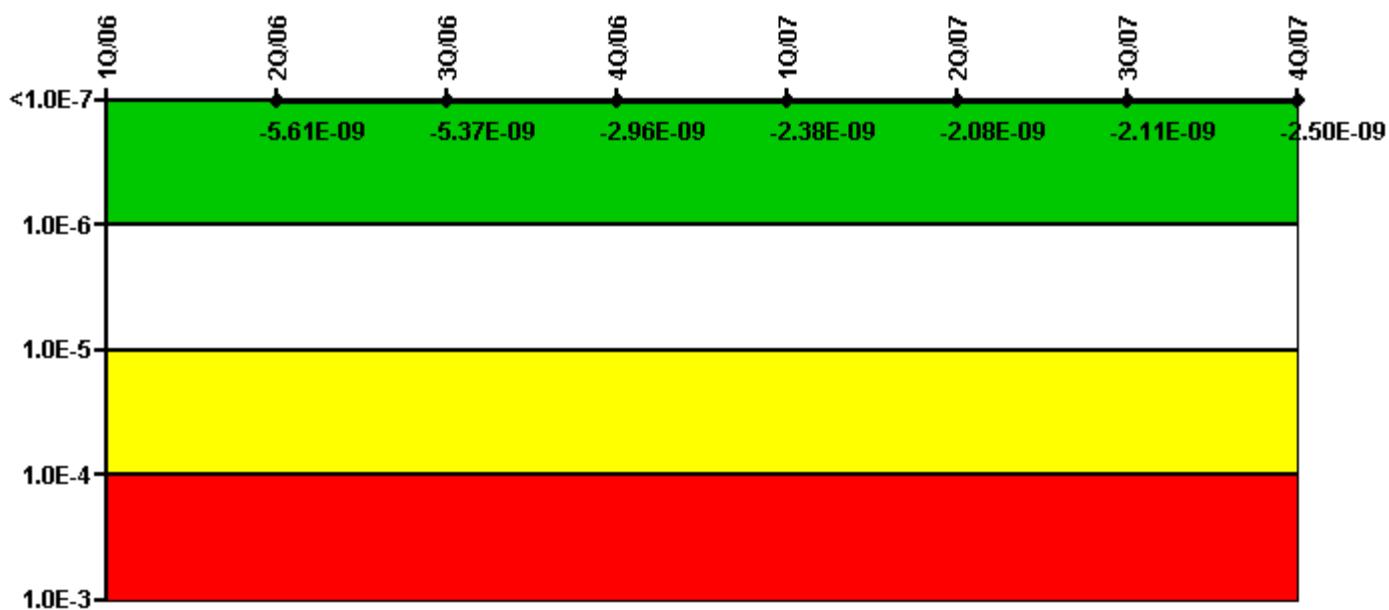
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI (Δ CDF)		2.60E-08	2.60E-08	2.20E-08	2.20E-08	-2.70E-09	-3.10E-09	-1.20E-08
URI (Δ CDF)		1.10E-07	1.10E-07	6.40E-08	6.40E-08	6.10E-08	6.10E-08	-7.10E-08
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		1.36E-07	1.36E-07	8.60E-08	8.60E-08	5.83E-08	5.79E-08	-8.30E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



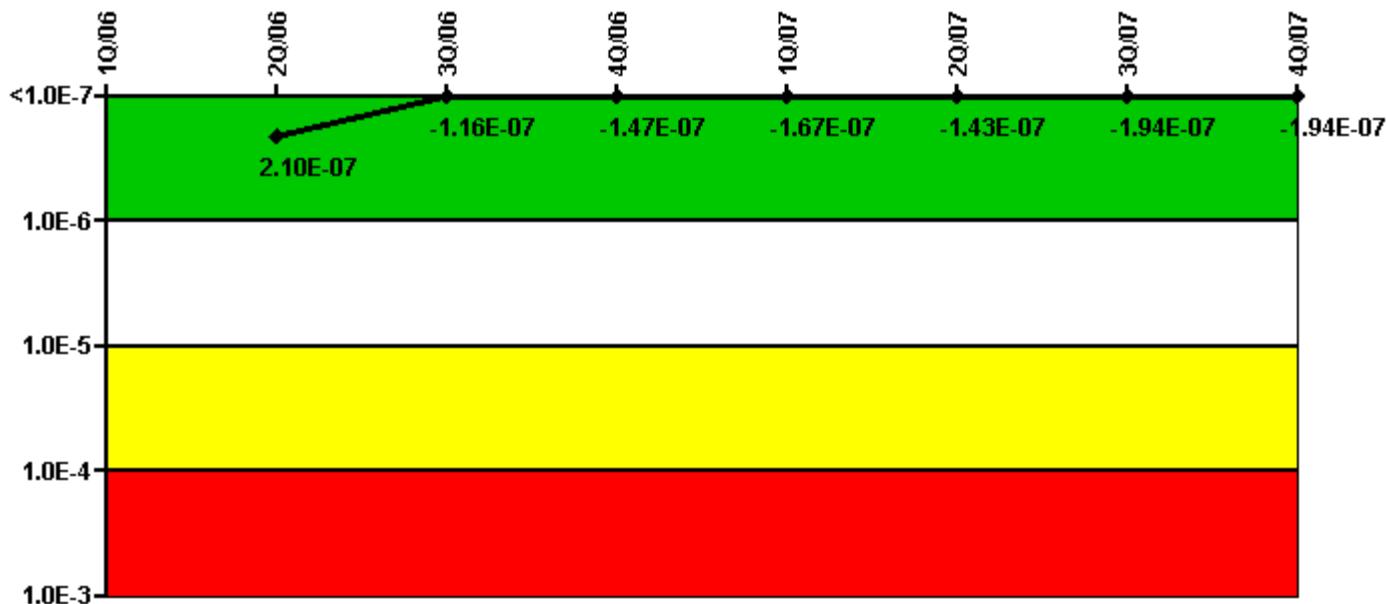
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI (Δ CDF)		-6.10E-10	-3.70E-10	-2.60E-10	3.20E-10	4.20E-10	3.90E-10	2.90E-12
URI (Δ CDF)		-5.00E-09	-5.00E-09	-2.70E-09	-2.70E-09	-2.50E-09	-2.50E-09	-2.50E-09
PLE		NO						
Indicator value		-5.61E-09	-5.37E-09	-2.96E-09	-2.38E-09	-2.08E-09	-2.11E-09	-2.50E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



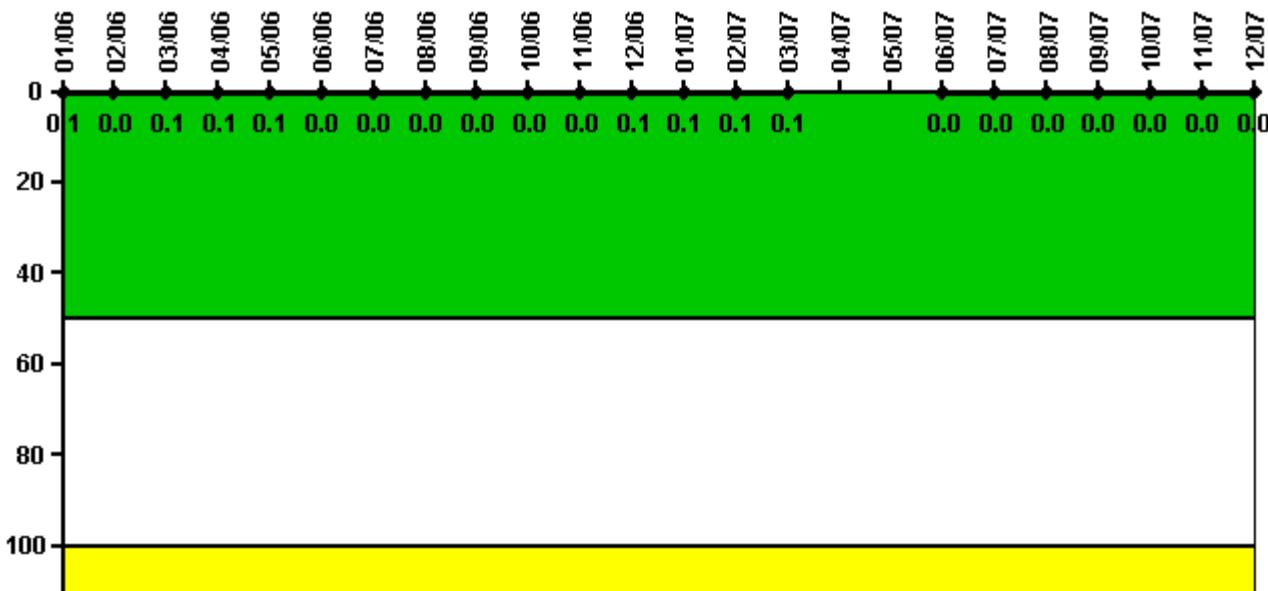
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (Δ CDF)		1.10E-07	-1.60E-07	-1.40E-07	-1.60E-07	-1.40E-07	-1.90E-07	-1.90E-07
URI (Δ CDF)		1.00E-07	4.40E-08	-6.80E-09	-6.80E-09	-3.10E-09	-4.00E-09	-4.00E-09
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		2.10E-07	-1.16E-07	-1.47E-07	-1.67E-07	-1.43E-07	-1.94E-07	-1.94E-07

Licensee Comments: none

Reactor Coolant System Activity



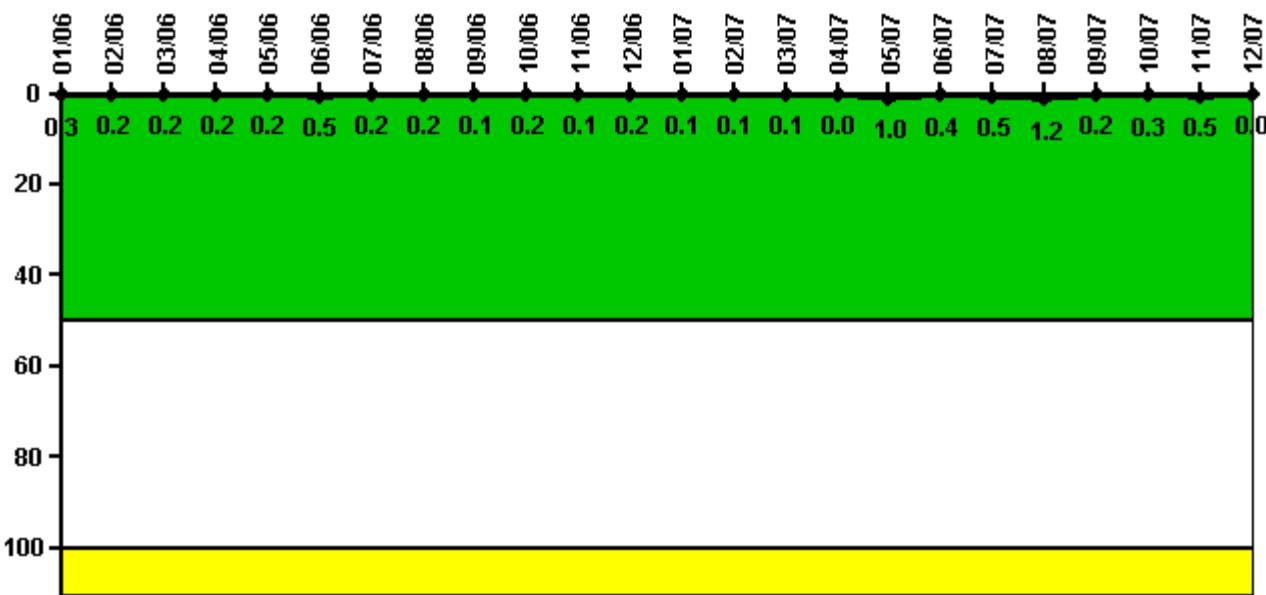
Thresholds: White > 50.0 Yellow > 100.0

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	0.0001030	0.0000481	0.0000514	0.0000526	0.0000519	0.0000467	0.0000457	0.0000467	0.0000475	0.0000490	0.0000499	0.0000541
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0	0.1	0.1	0.1	0	0	0	0	0	0	0.1
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	0.0000525	0.0000709	0.0001150	N/A	N/A	0.0000210	0.0000402	0.0000358	0.0000193	0.0000314	0.0000382	0.0000290
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	N/A	N/A	0						

Licensee Comments: none

Reactor Coolant System Leakage



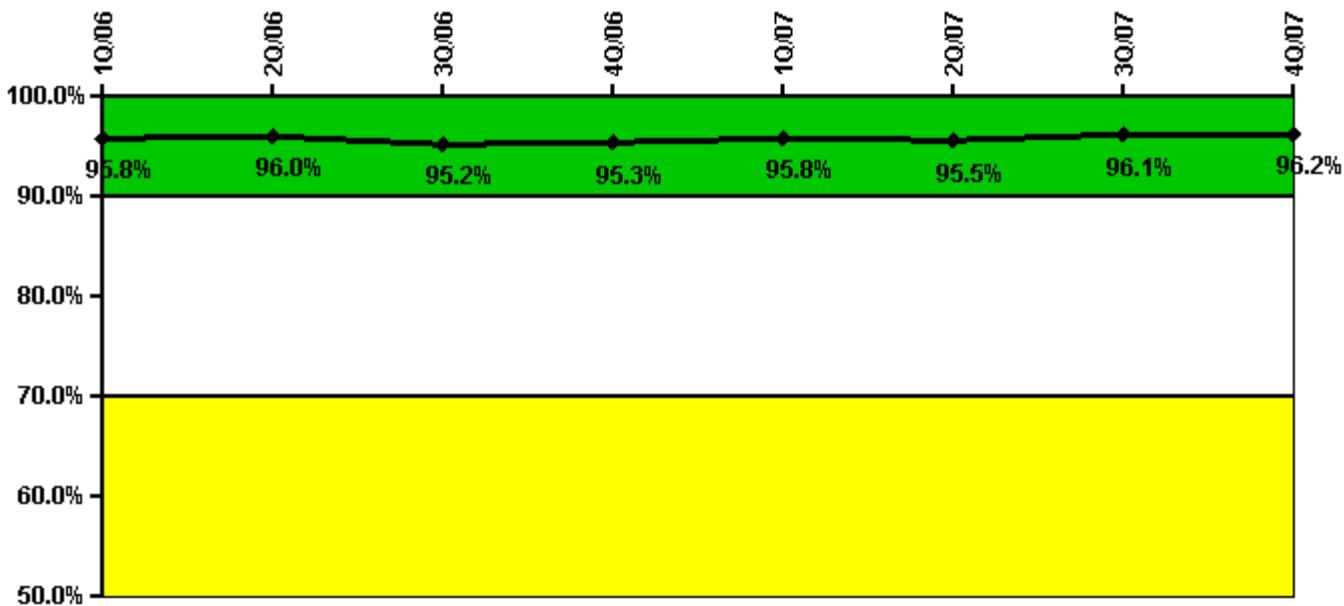
Thresholds: White > 50.0 Yellow > 100.0

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	0.030	0.020	0.020	0.023	0.018	0.045	0.020	0.018	0.014	0.020	0.010	0.023
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.2	0.2	0.2	0.2	0.5	0.2	0.2	0.1	0.2	0.1	0.2
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	0.010	0.010	0.013	0	0.103	0.036	0.050	0.120	0.020	0.030	0.045	0.004
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.1	0.1	0	1.0	0.4	0.5	1.2	0.2	0.3	0.5	0

Licensee Comments: none

Drill/Exercise Performance



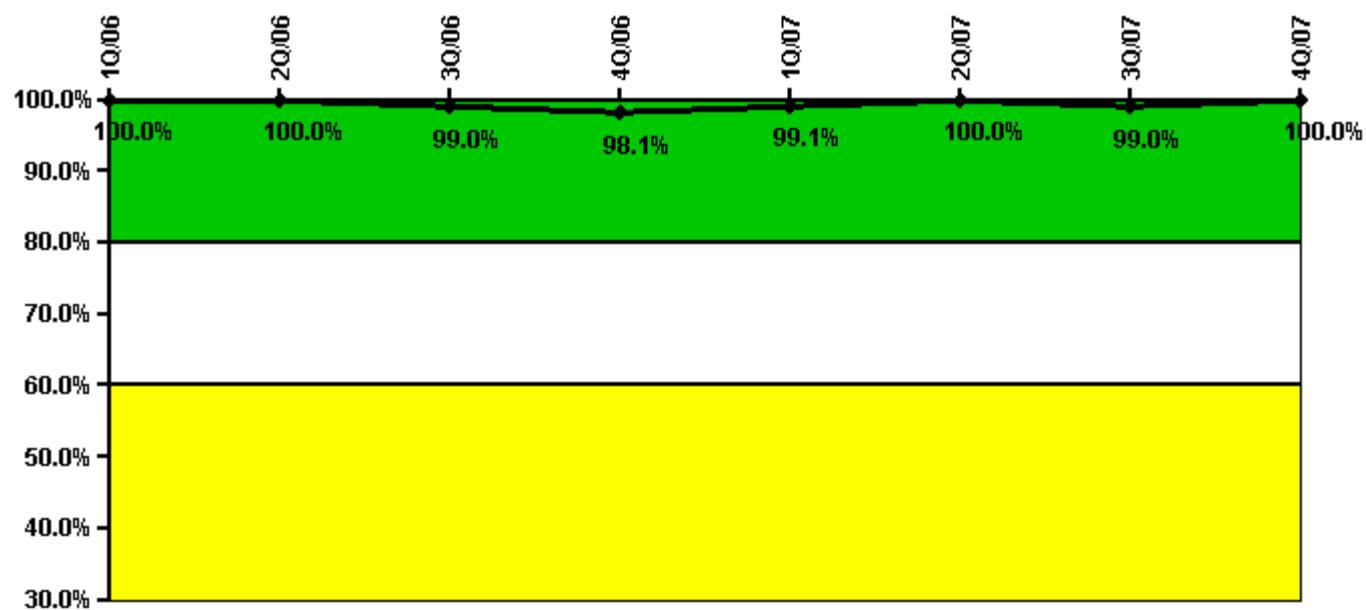
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Successful opportunities	49.0	66.0	71.0	78.0	113.0	38.0	88.0	2.0
Total opportunities	52.0	68.0	78.0	80.0	116.0	39.0	90.0	2.0
Indicator value	95.8%	96.0%	95.2%	95.3%	95.8%	95.5%	96.1%	96.2%

Licensee Comments: none

ERO Drill Participation



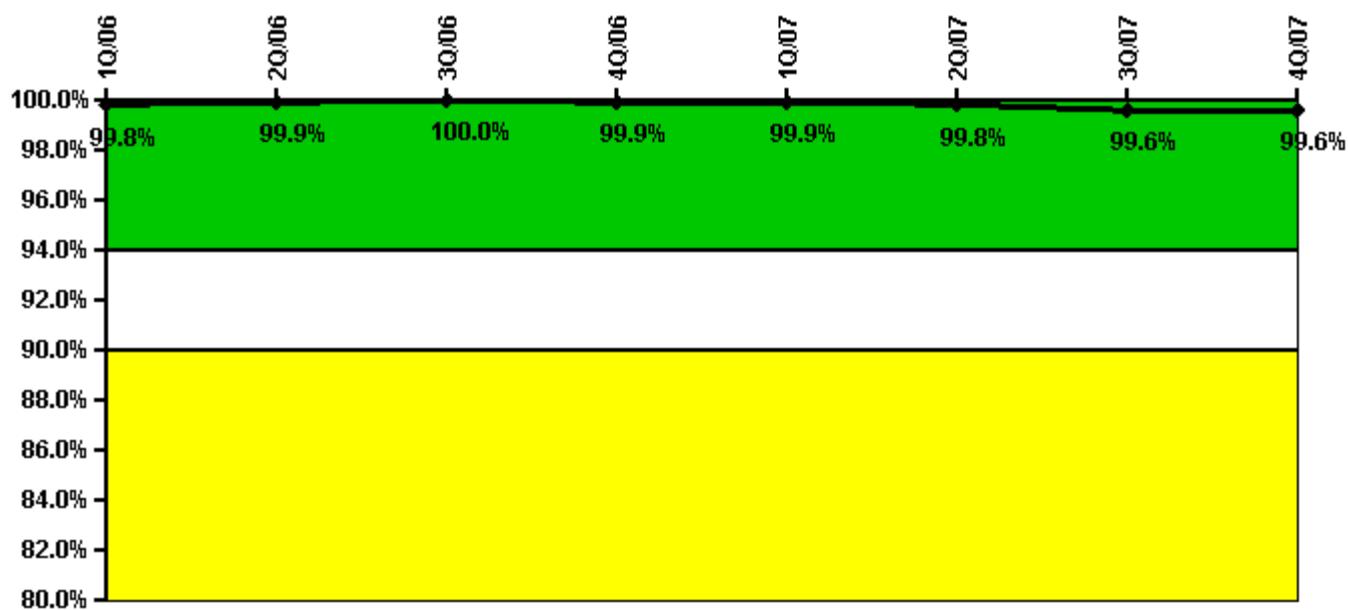
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Participating Key personnel	81.0	91.0	98.0	104.0	106.0	102.0	98.0	98.0
Total Key personnel	81.0	91.0	99.0	106.0	107.0	102.0	99.0	98.0
Indicator value	100.0%	100.0%	99.0%	98.1%	99.1%	100.0%	99.0%	100.0%

Licensee Comments: none

Alert & Notification System



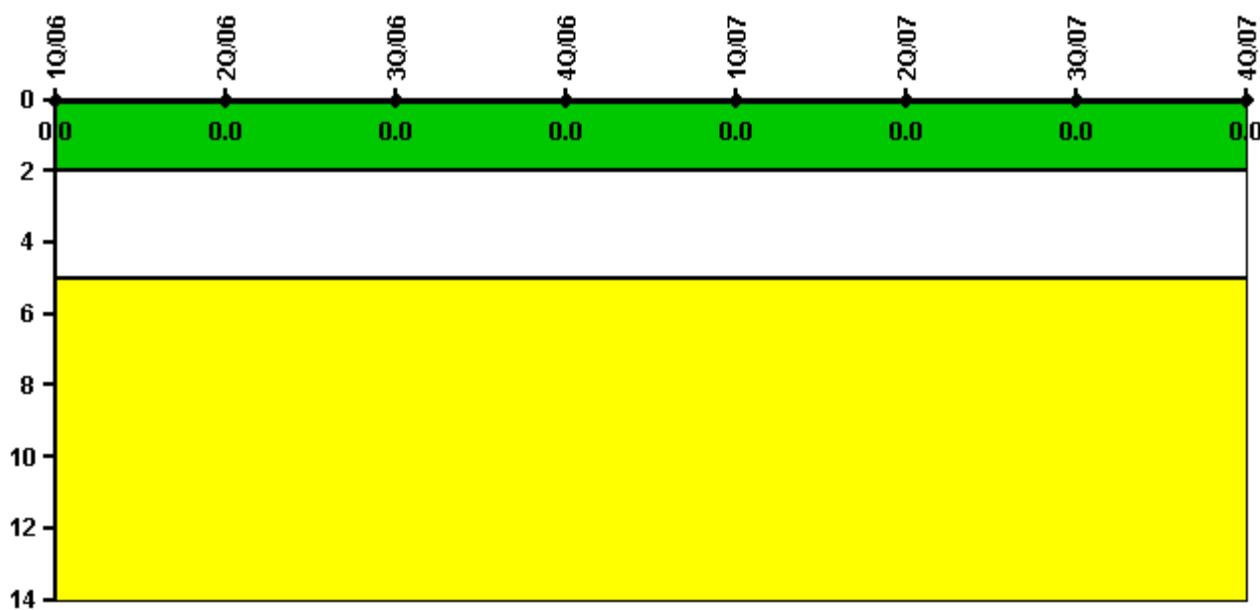
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Successful siren-tests	719	630	630	629	719	627	714	719
Total sirens-tests	720	630	630	630	720	630	720	720
Indicator value	99.8%	99.9%	100.0%	99.9%	99.9%	99.8%	99.6%	99.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness



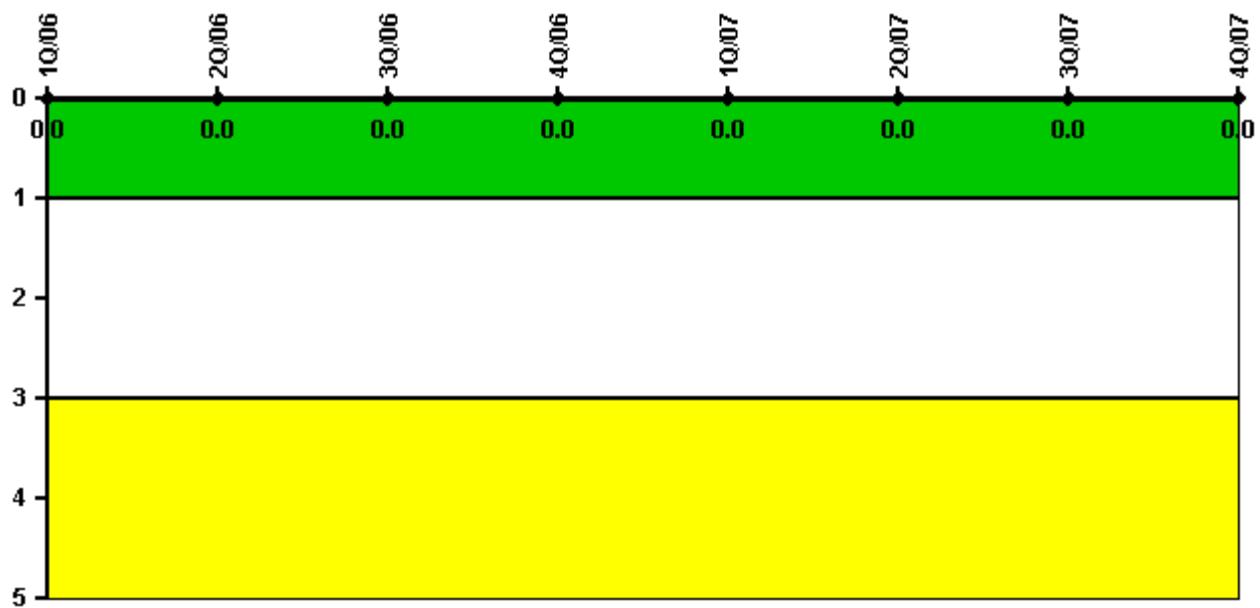
Thresholds: White > 2.0 Yellow > 5.0

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
Indicator value	0							

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

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

Saint Lucie 1

1Q/2008 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



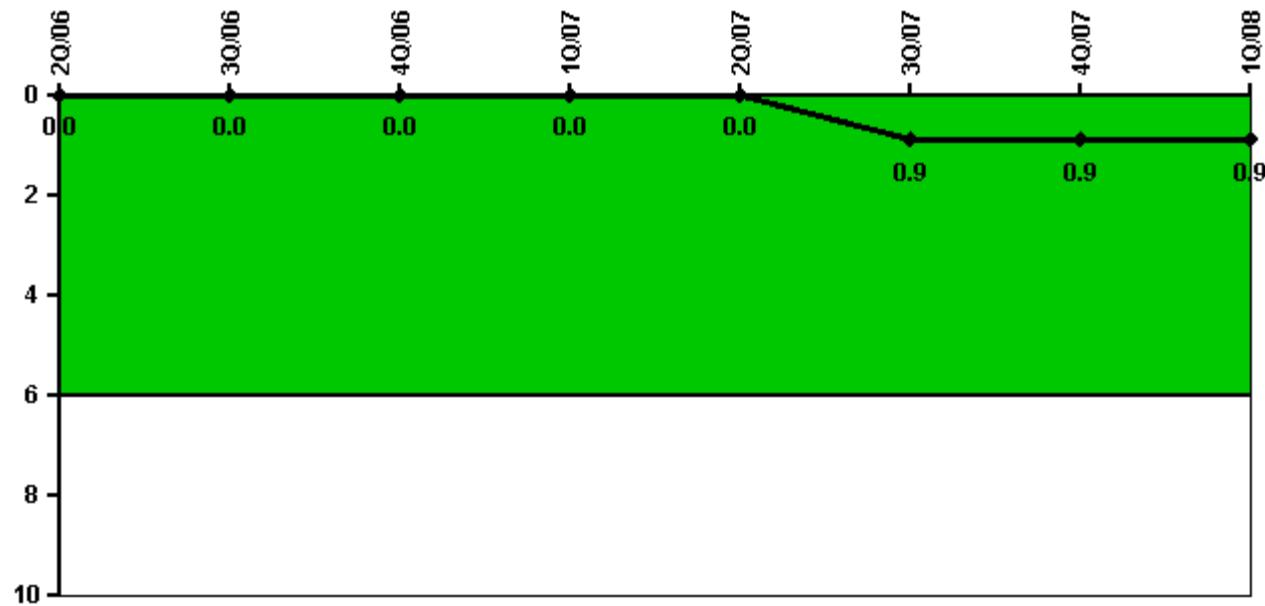
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	871.7	2208.0	2209.0	2183.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



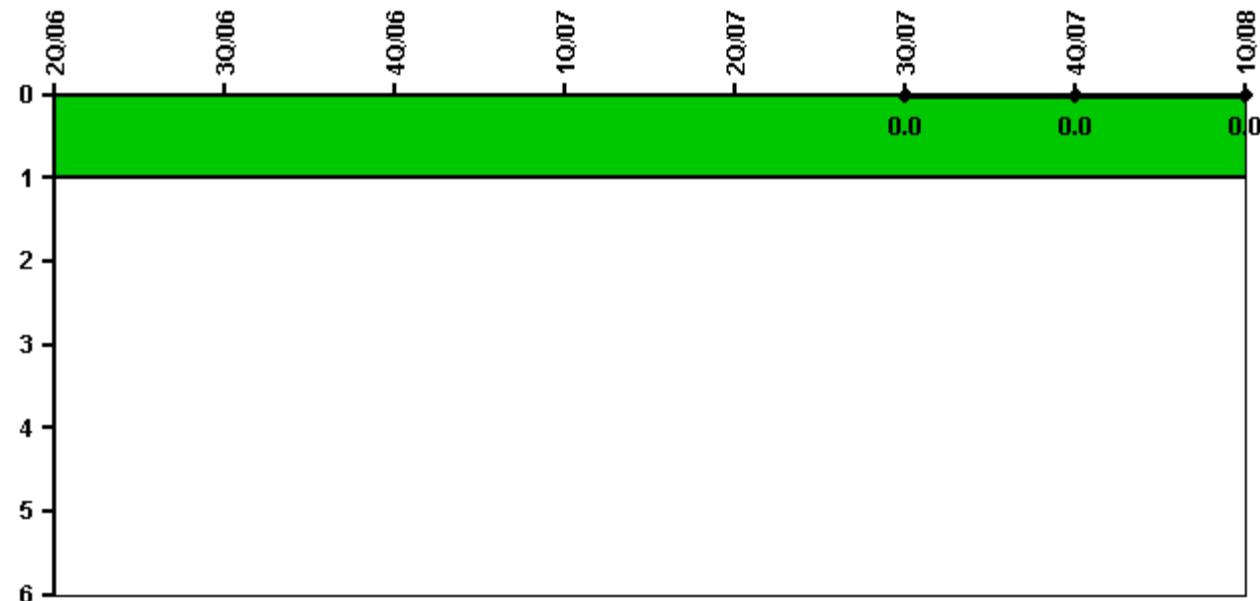
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Unplanned power changes	0	0	0	0	0	1.0	0	0
Critical hours	2183.0	2208.0	2209.0	2159.0	871.7	2208.0	2209.0	2183.0
Indicator value	0	0	0	0	0	0.9	0.9	0.9

Licensee Comments: none

Unplanned Scrams with Complications



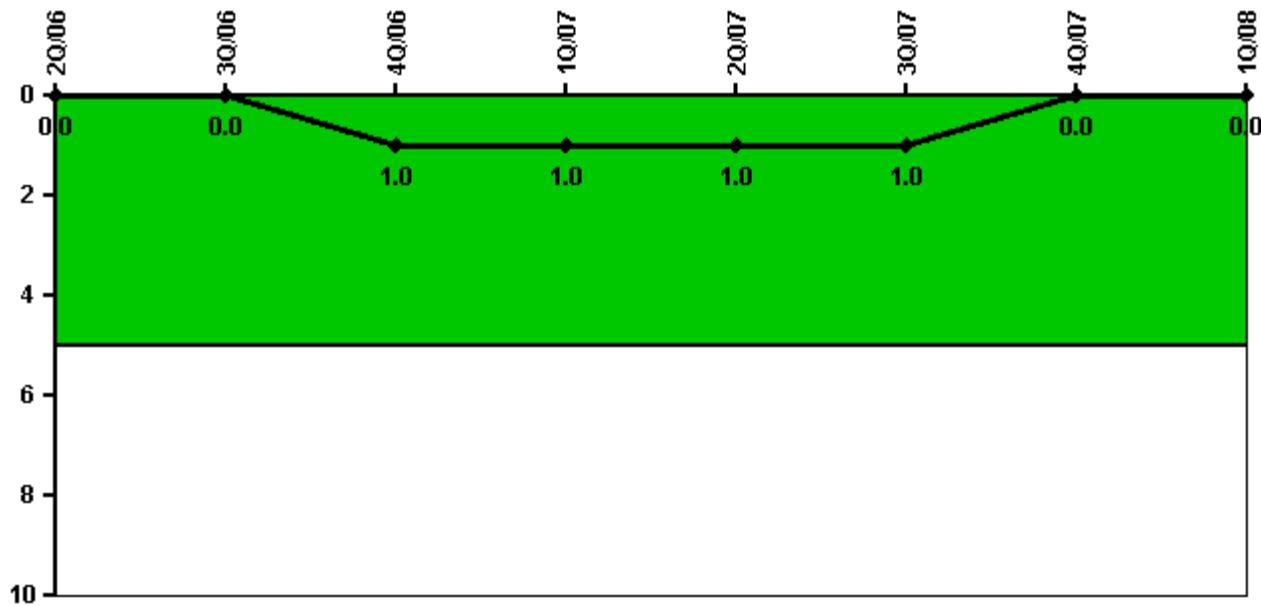
Thresholds: White > 1.0

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
Indicator value						0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



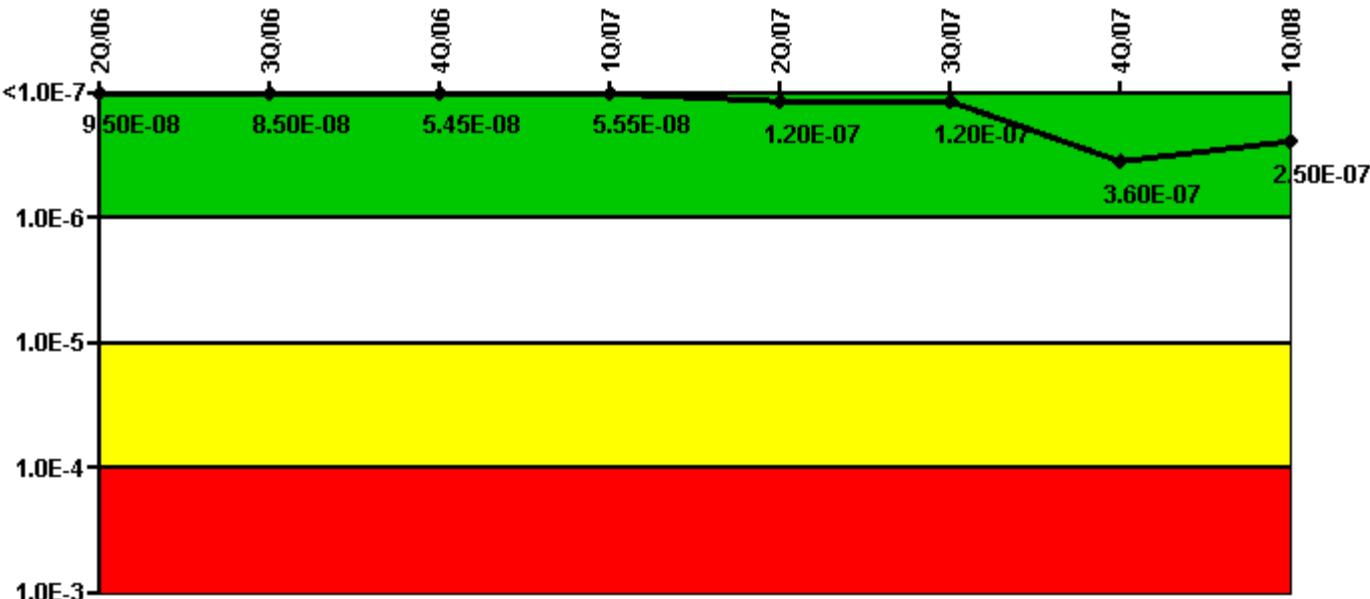
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
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

Mitigating Systems Performance Index, Emergency AC Power System



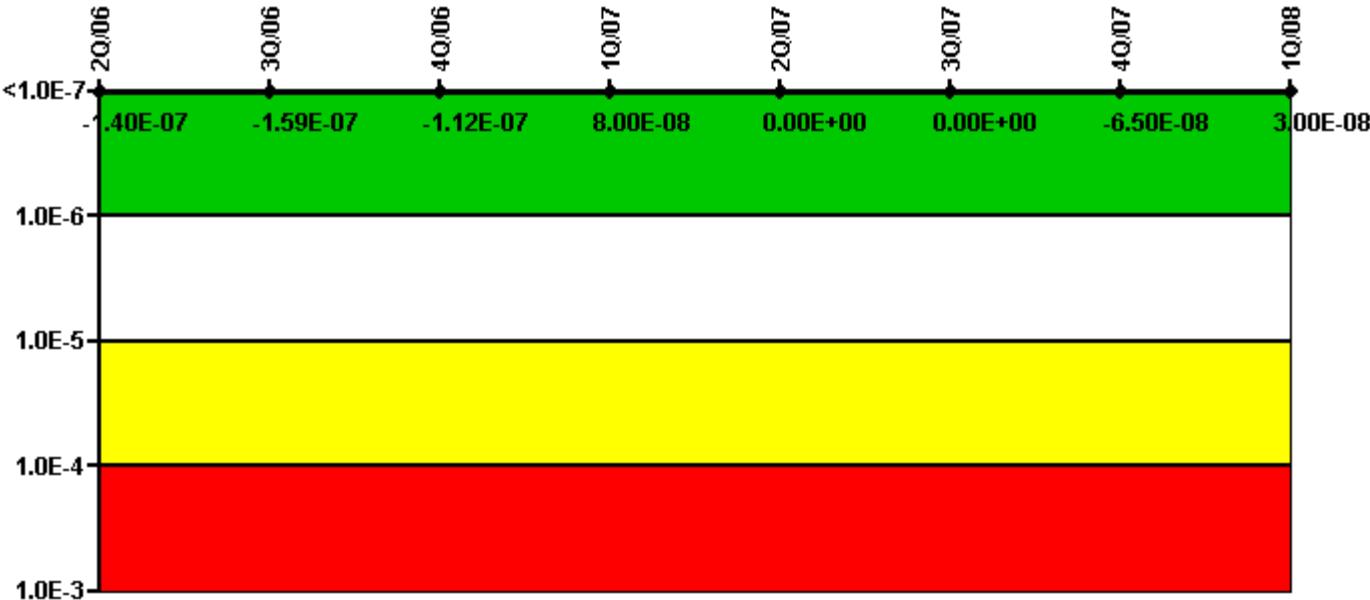
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (Δ CDF)	1.50E-07	1.40E-07	5.10E-08	5.20E-08	1.10E-07	1.10E-07	1.40E-07	9.00E-08
URI (Δ CDF)	-5.50E-08	-5.50E-08	3.50E-09	3.50E-09	9.80E-09	9.80E-09	2.20E-07	1.60E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	9.50E-08	8.50E-08	5.45E-08	5.55E-08	1.20E-07	1.20E-07	3.60E-07	2.50E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



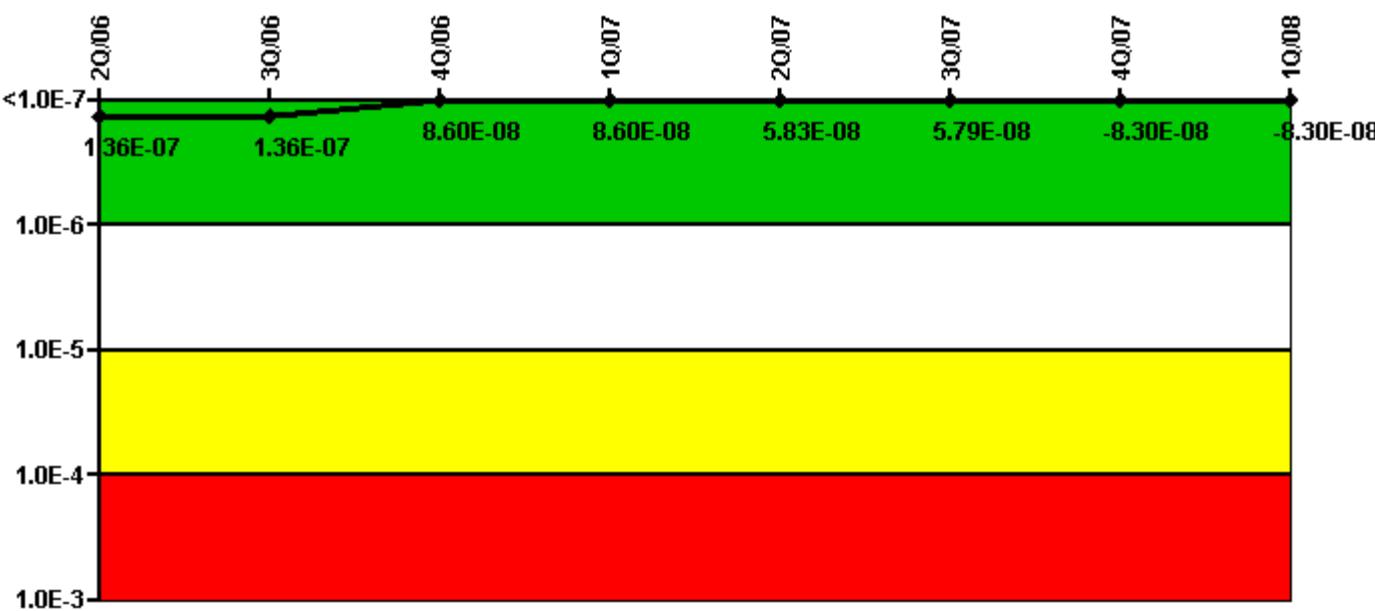
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (Δ CDF)	6.00E-08	4.10E-08	2.80E-08	2.20E-07	1.10E-07	1.10E-07	4.50E-08	1.40E-07
URI (Δ CDF)	-2.00E-07	-2.00E-07	-1.40E-07	-1.40E-07	-1.10E-07	-1.10E-07	-1.10E-07	-1.10E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.40E-07	-1.59E-07	-1.12E-07	8.00E-08	0.00E+00	0.00E+00	-6.50E-08	3.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



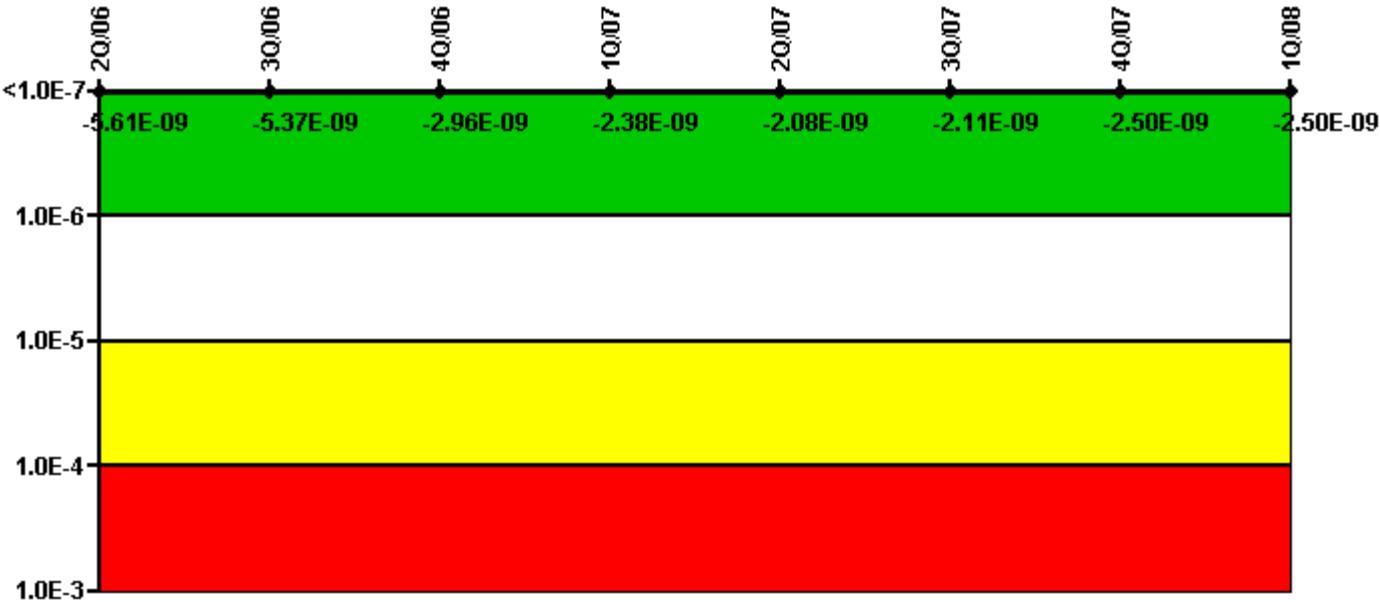
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (Δ CDF)	2.60E-08	2.60E-08	2.20E-08	2.20E-08	-2.70E-09	-3.10E-09	-1.20E-08	-1.20E-08
URI (Δ CDF)	1.10E-07	1.10E-07	6.40E-08	6.40E-08	6.10E-08	6.10E-08	-7.10E-08	-7.10E-08
PLE	NO	NO						
Indicator value	1.36E-07	1.36E-07	8.60E-08	8.60E-08	5.83E-08	5.79E-08	-8.30E-08	-8.30E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



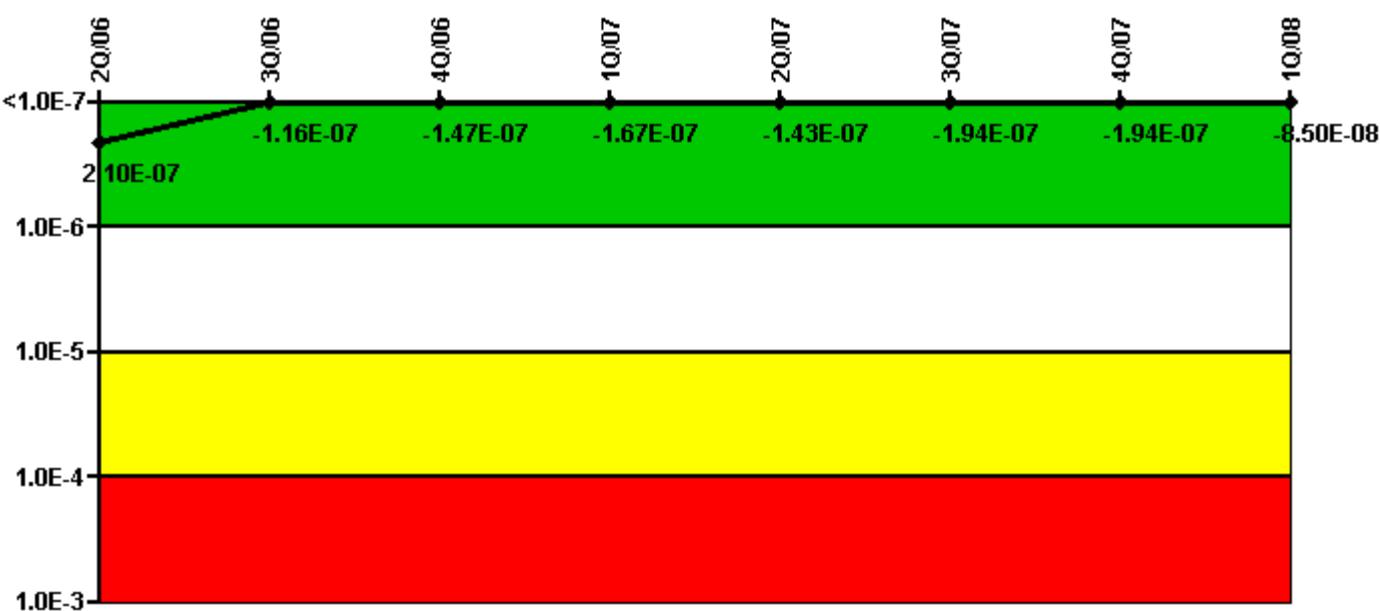
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (Δ CDF)	-6.10E-10	-3.70E-10	-2.60E-10	3.20E-10	4.20E-10	3.90E-10	2.90E-12	2.20E-12
URI (Δ CDF)	-5.00E-09	-5.00E-09	-2.70E-09	-2.70E-09	-2.50E-09	-2.50E-09	-2.50E-09	-2.50E-09
PLE	NO							
Indicator value	-5.61E-09	-5.37E-09	-2.96E-09	-2.38E-09	-2.08E-09	-2.11E-09	-2.50E-09	-2.50E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



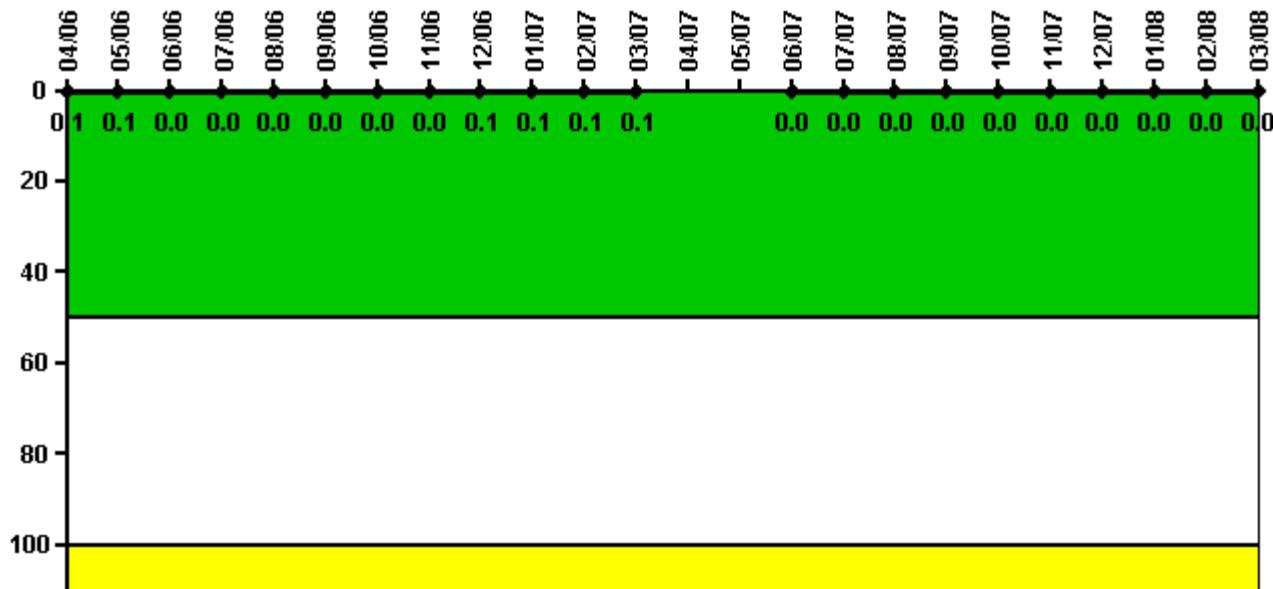
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (Δ CDF)	1.10E-07	-1.60E-07	-1.40E-07	-1.60E-07	-1.40E-07	-1.90E-07	-1.90E-07	-7.50E-08
URI (Δ CDF)	1.00E-07	4.40E-08	-6.80E-09	-6.80E-09	-3.10E-09	-4.00E-09	-4.00E-09	-1.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.10E-07	-1.16E-07	-1.47E-07	-1.67E-07	-1.43E-07	-1.94E-07	-1.94E-07	-8.50E-08

Licensee Comments: none

Reactor Coolant System Activity



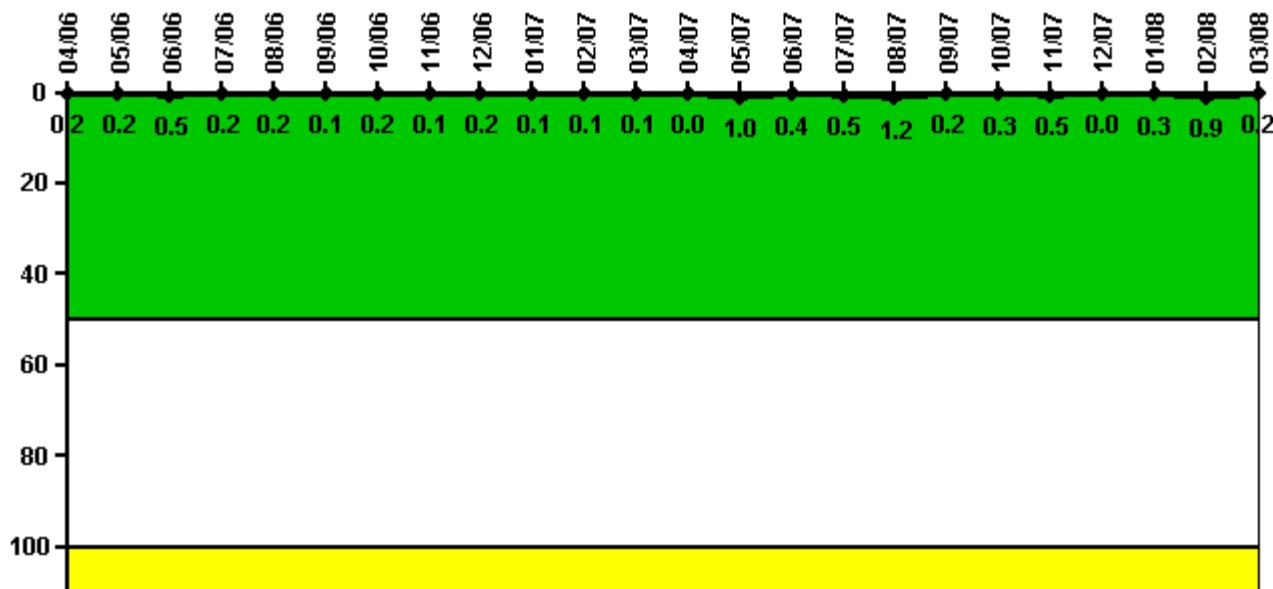
Thresholds: White > 50.0 Yellow > 100.0

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	0.000526	0.000519	0.000467	0.000457	0.000467	0.000475	0.000490	0.000499	0.000541	0.000525	0.000709	0.001150
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0	0	0	0	0	0	0	0.1	0.1	0.1
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	N/A	N/A	0.000210	0.000402	0.000358	0.000193	0.000314	0.000382	0.000290	0.000299	0.000309	0.000341
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	N/A	N/A	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



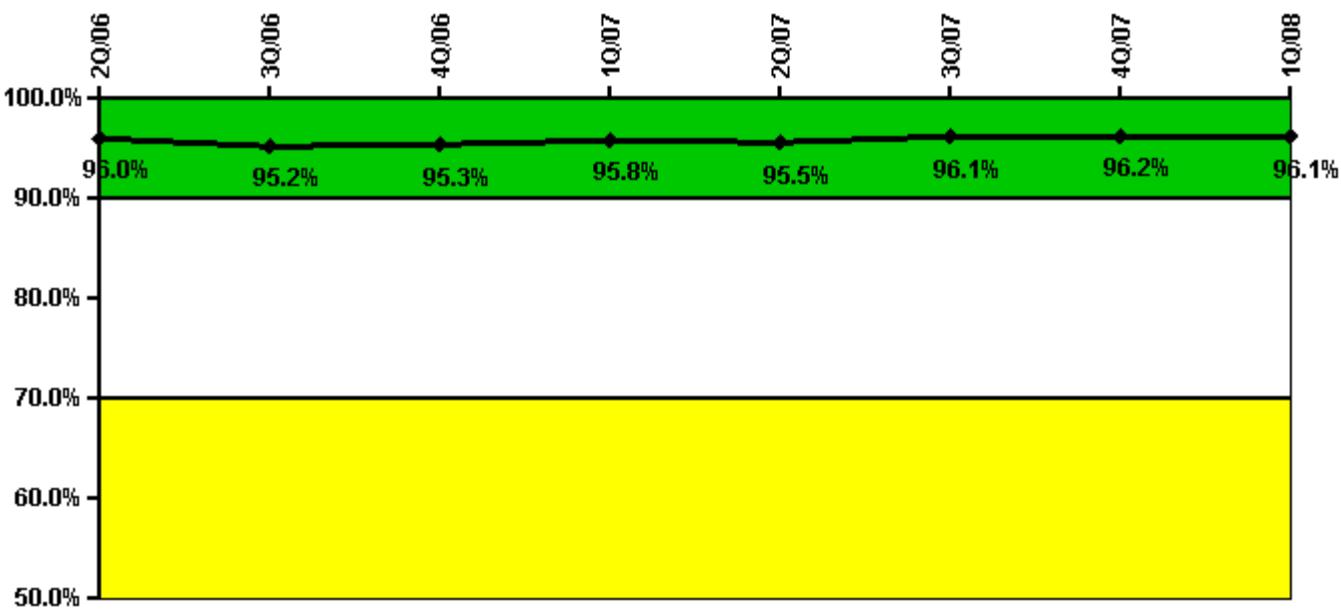
Thresholds: White > 50.0 Yellow > 100.0

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	0.023	0.018	0.045	0.020	0.018	0.014	0.020	0.010	0.023	0.010	0.010	0.013
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.2	0.5	0.2	0.2	0.1	0.2	0.1	0.2	0.1	0.1	0.1
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	0	0.103	0.036	0.050	0.120	0.020	0.030	0.045	0.004	0.030	0.088	0.024
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	1.0	0.4	0.5	1.2	0.2	0.3	0.5	0	0.3	0.9	0.2

Licensee Comments: none

Drill/Exercise Performance



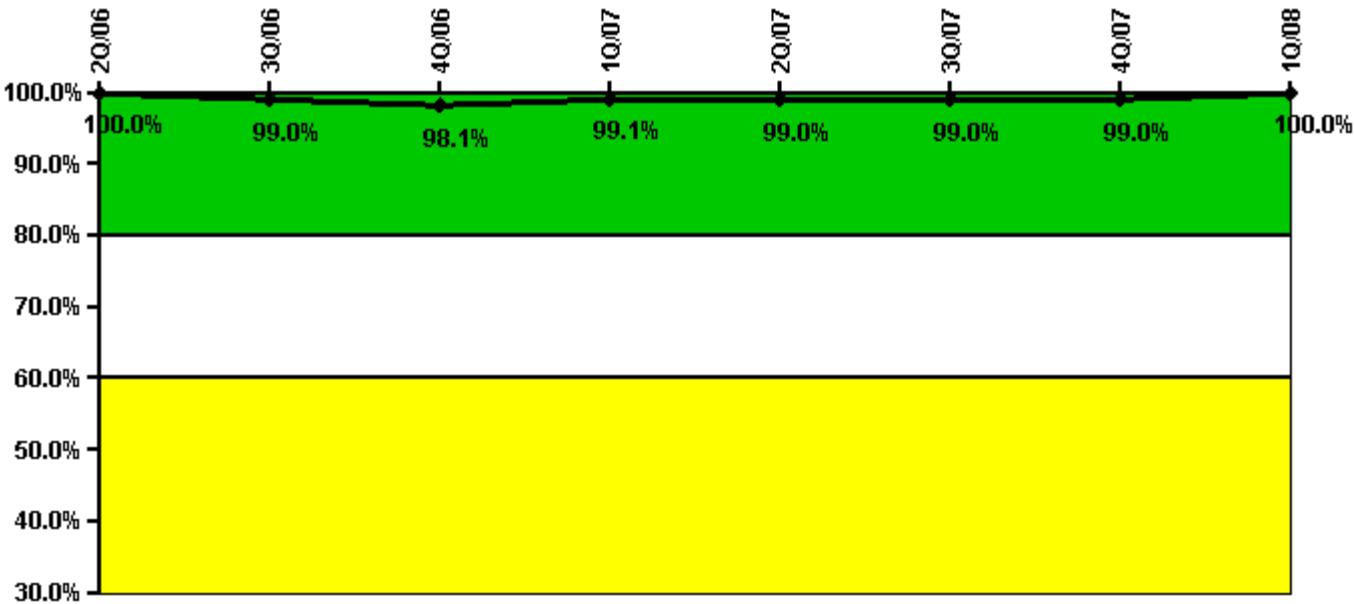
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Successful opportunities	66.0	71.0	78.0	113.0	38.0	88.0	2.0	68.0
Total opportunities	68.0	78.0	80.0	116.0	39.0	90.0	2.0	72.0
Indicator value	96.0%	95.2%	95.3%	95.8%	95.5%	96.1%	96.2%	96.1%

Licensee Comments: none

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

Notes

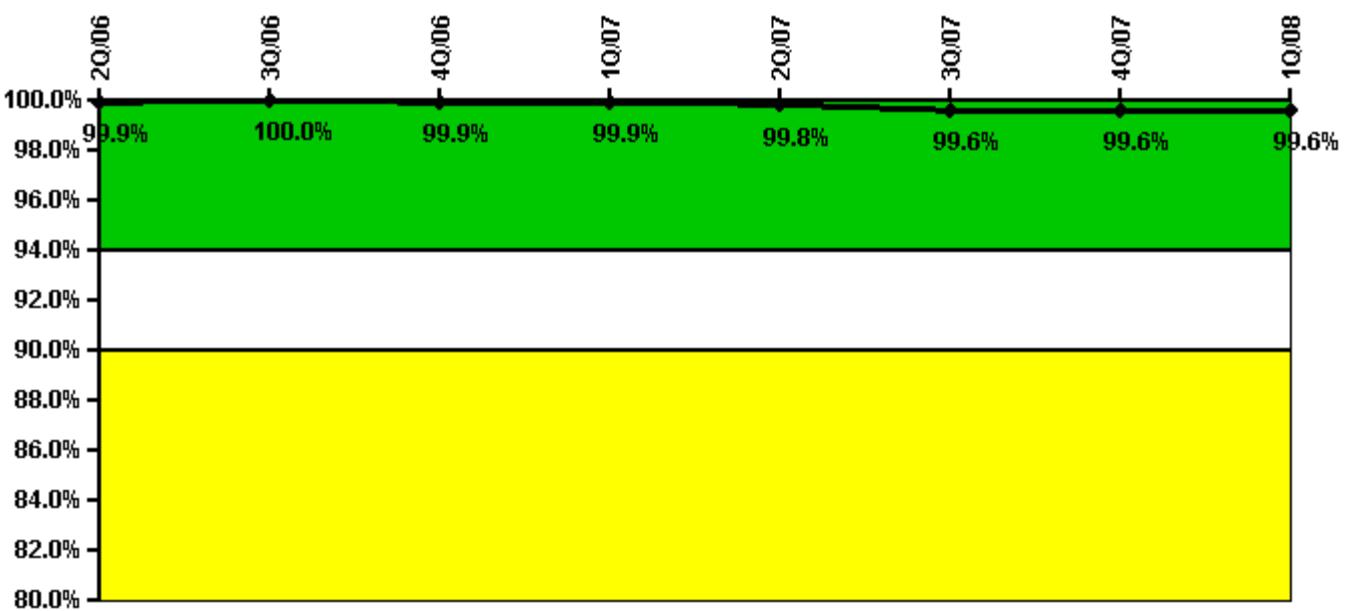
ERO Drill Participation	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Participating Key personnel	91.0	98.0	104.0	106.0	101.0	98.0	97.0	101.0
Total Key personnel	91.0	99.0	106.0	107.0	102.0	99.0	98.0	101.0
Indicator value	100.0%	99.0%	98.1%	99.1%	99.0%	99.0%	99.0%	100.0%

Licensee Comments:

4Q/07: Minor correction made to drill participation.

2Q/07: Minor correction made to drill participation.

Alert & Notification System



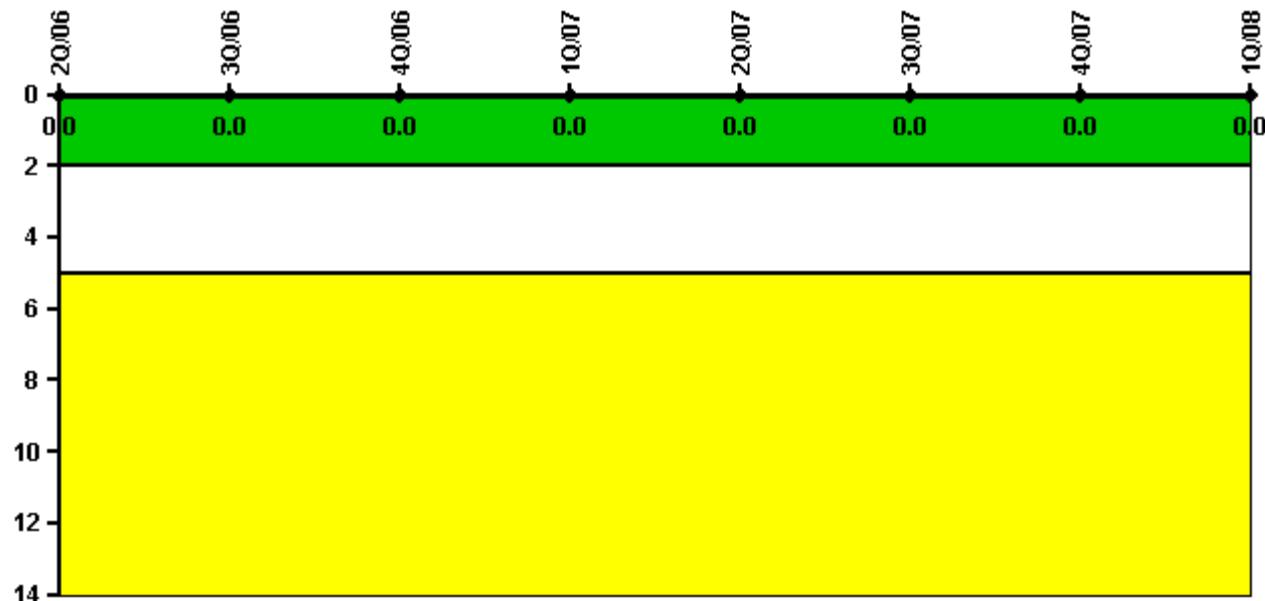
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Successful siren-tests	630	630	629	719	627	714	719	629
Total sirens-tests	630	630	630	720	630	720	720	630
Indicator value	99.9%	100.0%	99.9%	99.9%	99.8%	99.6%	99.6%	99.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness



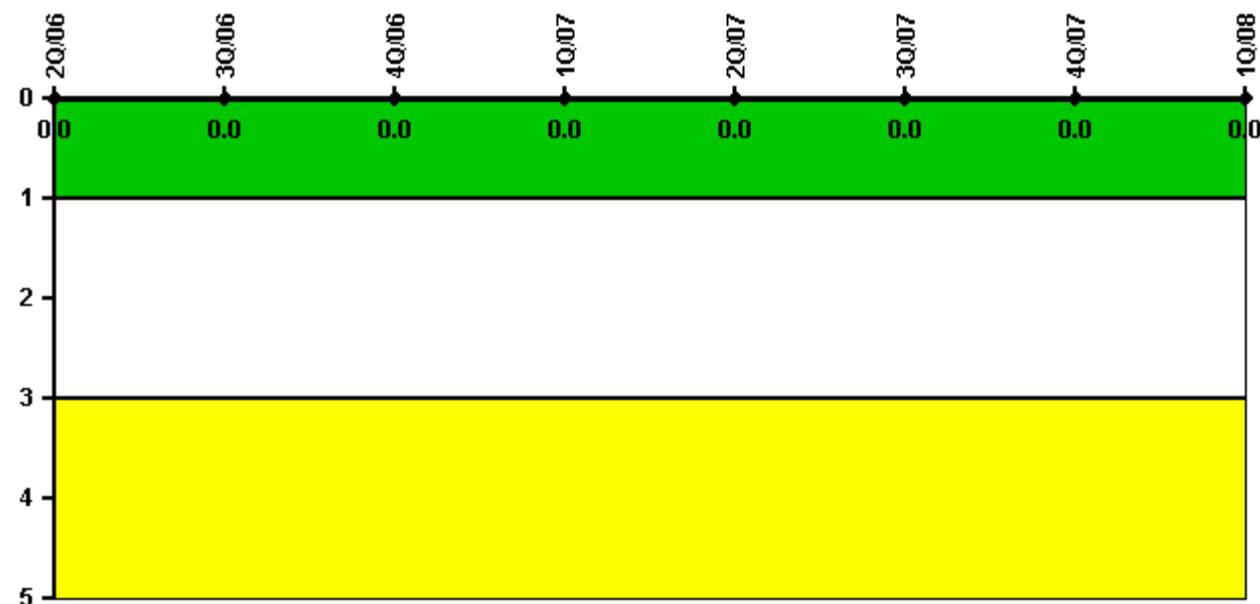
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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
Indicator value	0							

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

Saint Lucie 1

2Q/2008 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



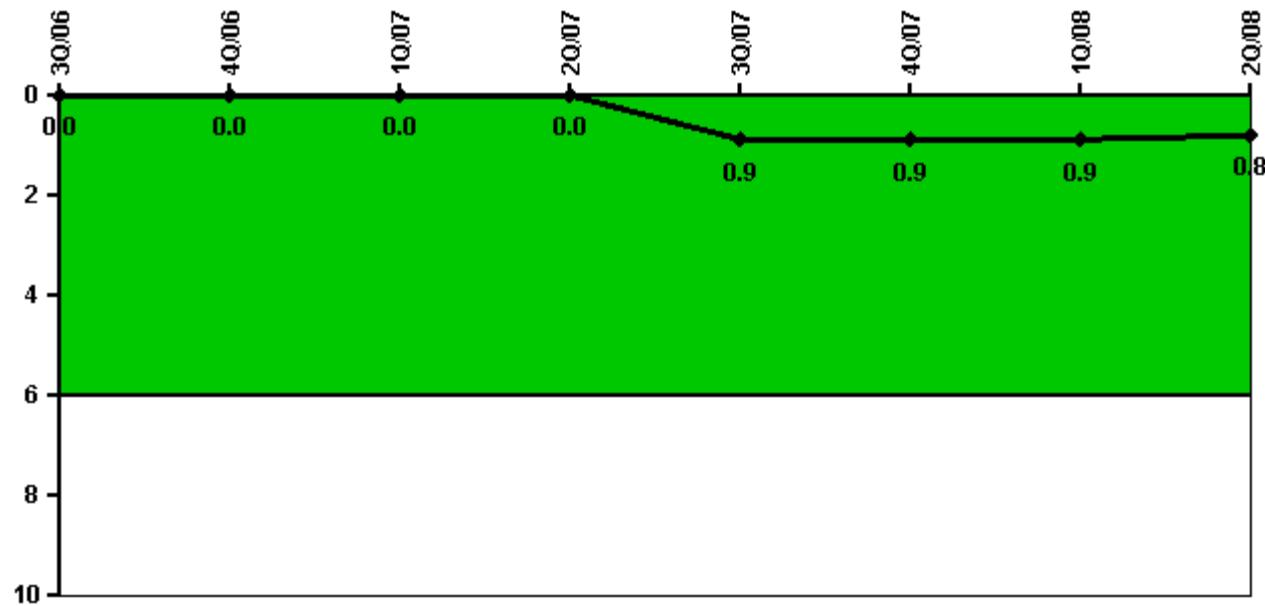
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	871.7	2208.0	2209.0	2183.0	2184.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



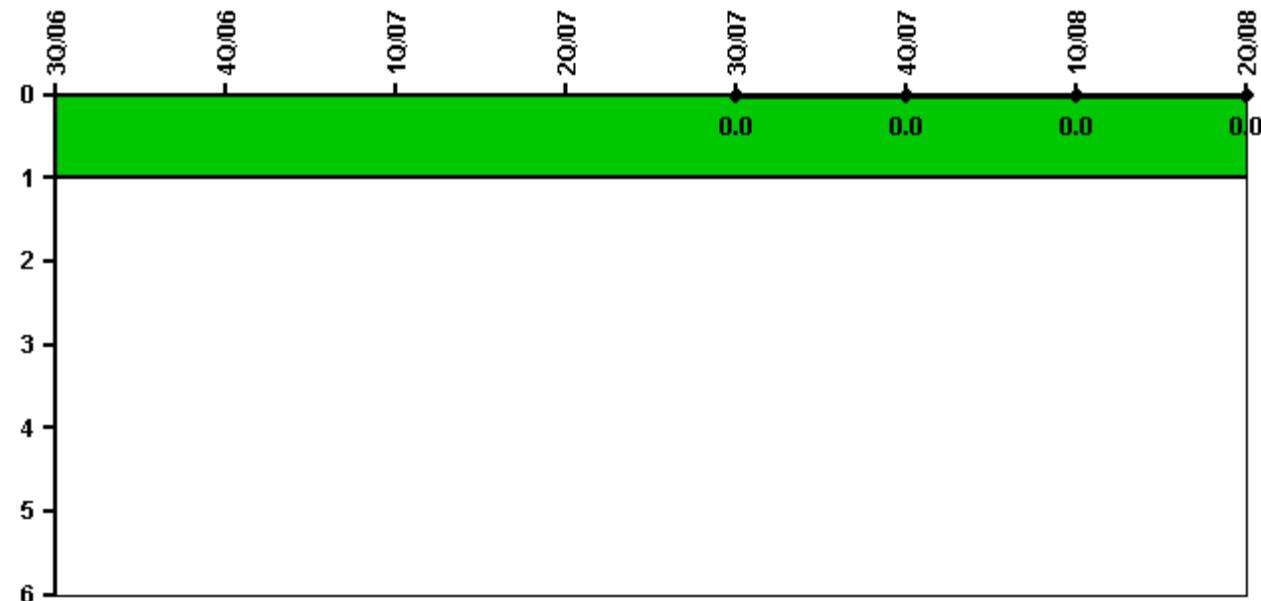
Thresholds: White > 6.0

Notes

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	1.0	0	0	0
Critical hours	2208.0	2209.0	2159.0	871.7	2208.0	2209.0	2183.0	2184.0
Indicator value	0	0	0	0	0.9	0.9	0.9	0.8

Licensee Comments: none

Unplanned Scrams with Complications



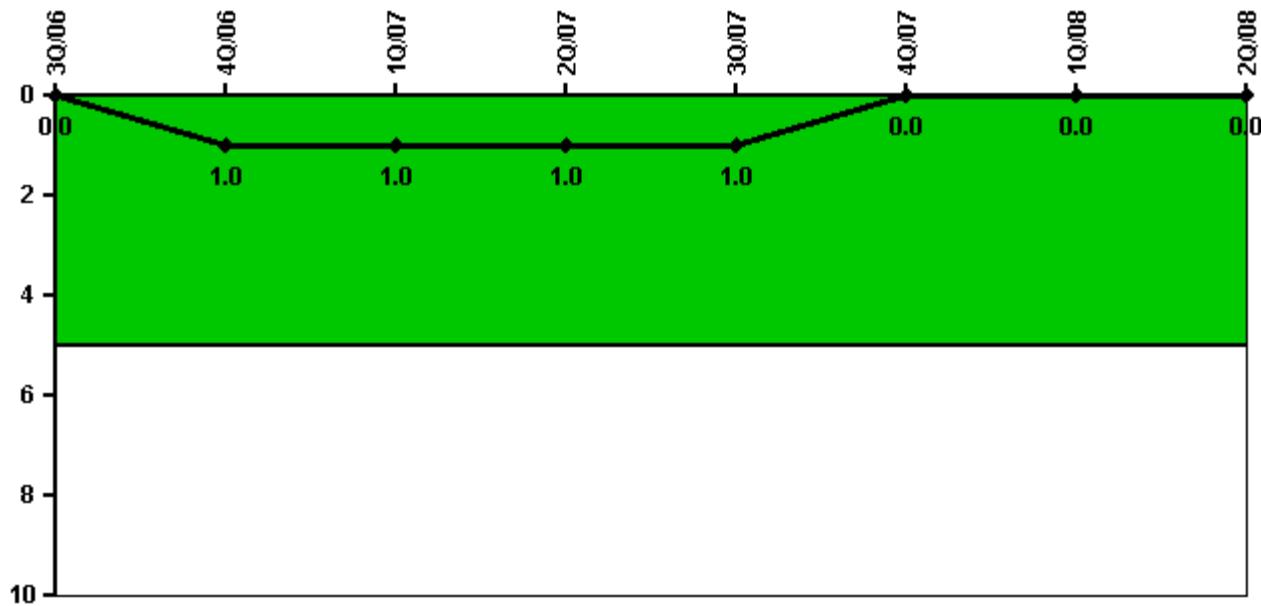
Thresholds: White > 1.0

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 (PWR)



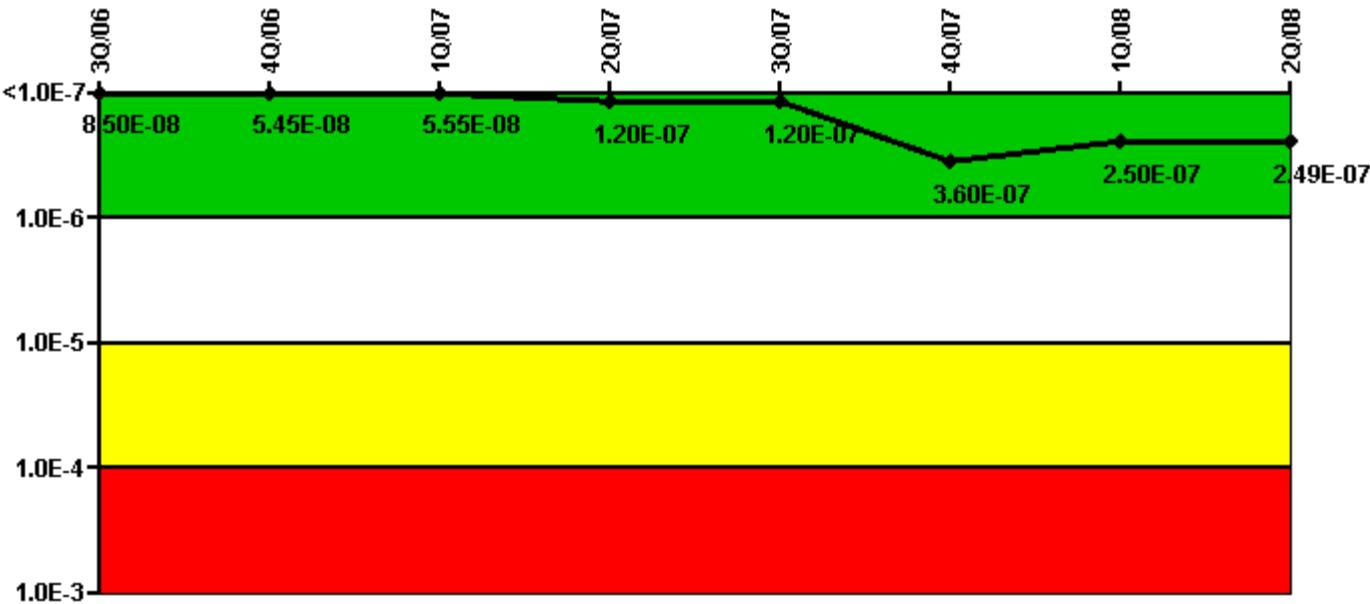
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
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

Mitigating Systems Performance Index, Emergency AC Power System



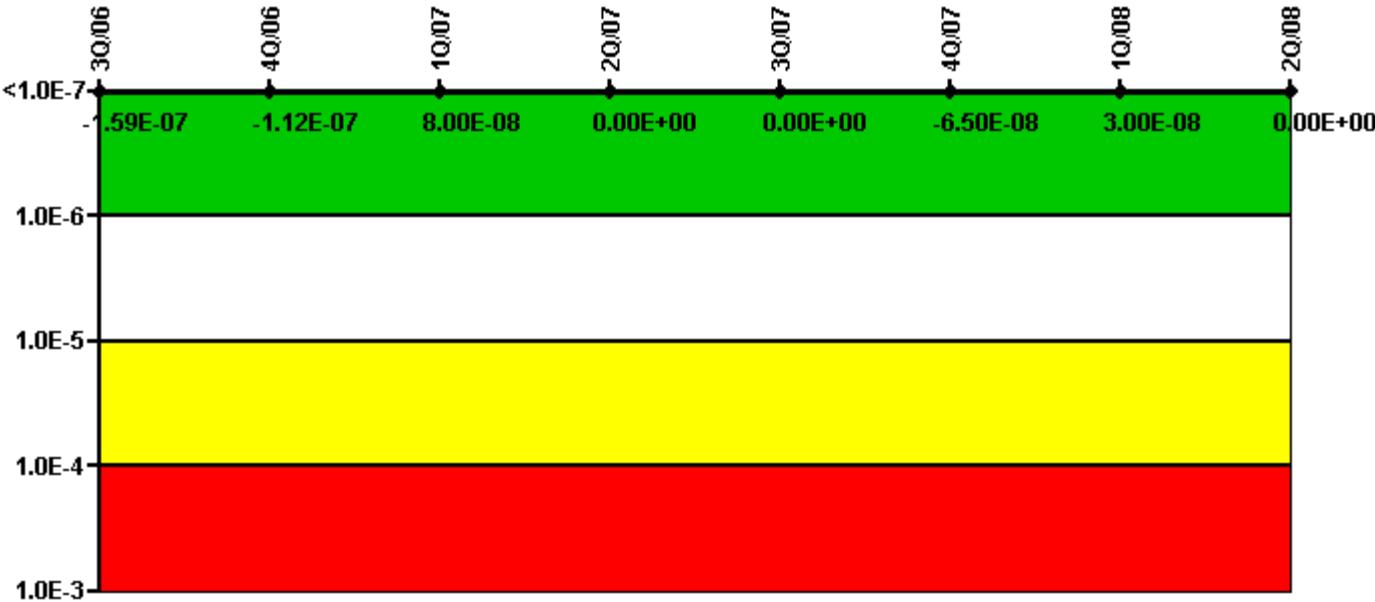
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (Δ CDF)	1.40E-07	5.10E-08	5.20E-08	1.10E-07	1.10E-07	1.40E-07	9.00E-08	8.90E-08
URI (Δ CDF)	-5.50E-08	3.50E-09	3.50E-09	9.80E-09	9.80E-09	2.20E-07	1.60E-07	1.60E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	8.50E-08	5.45E-08	5.55E-08	1.20E-07	1.20E-07	3.60E-07	2.50E-07	2.49E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



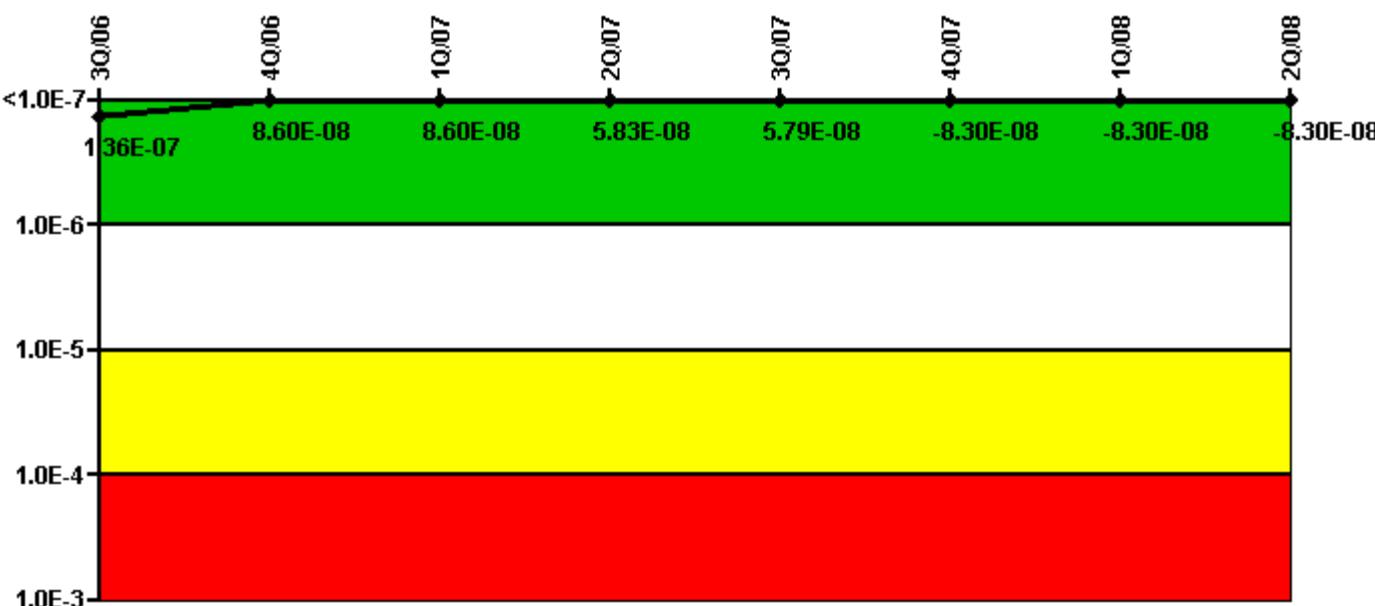
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (Δ CDF)	4.10E-08	2.80E-08	2.20E-07	1.10E-07	1.10E-07	4.50E-08	1.40E-07	1.10E-07
URI (Δ CDF)	-2.00E-07	-1.40E-07	-1.40E-07	-1.10E-07	-1.10E-07	-1.10E-07	-1.10E-07	-1.10E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.59E-07	-1.12E-07	8.00E-08	0.00E+00	0.00E+00	-6.50E-08	3.00E-08	0.00E+00

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



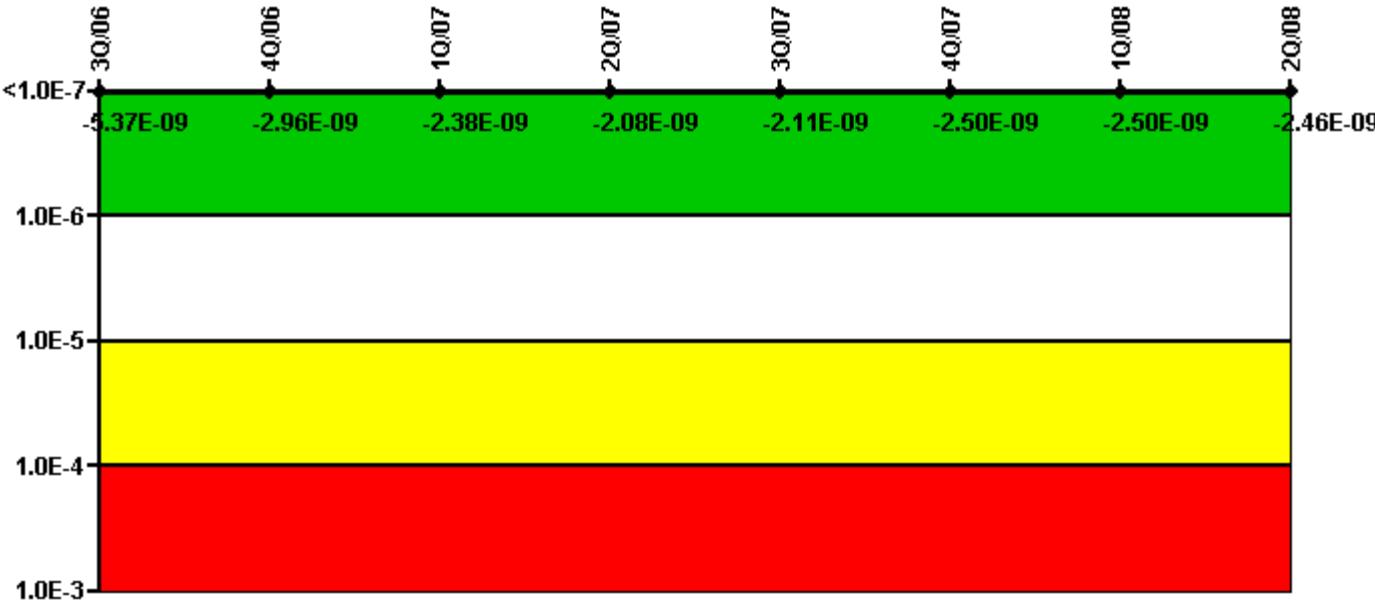
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (Δ CDF)	2.60E-08	2.20E-08	2.20E-08	-2.70E-09	-3.10E-09	-1.20E-08	-1.20E-08	-1.20E-08
URI (Δ CDF)	1.10E-07	6.40E-08	6.40E-08	6.10E-08	6.10E-08	-7.10E-08	-7.10E-08	-7.10E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.36E-07	8.60E-08	8.60E-08	5.83E-08	5.79E-08	-8.30E-08	-8.30E-08	-8.30E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



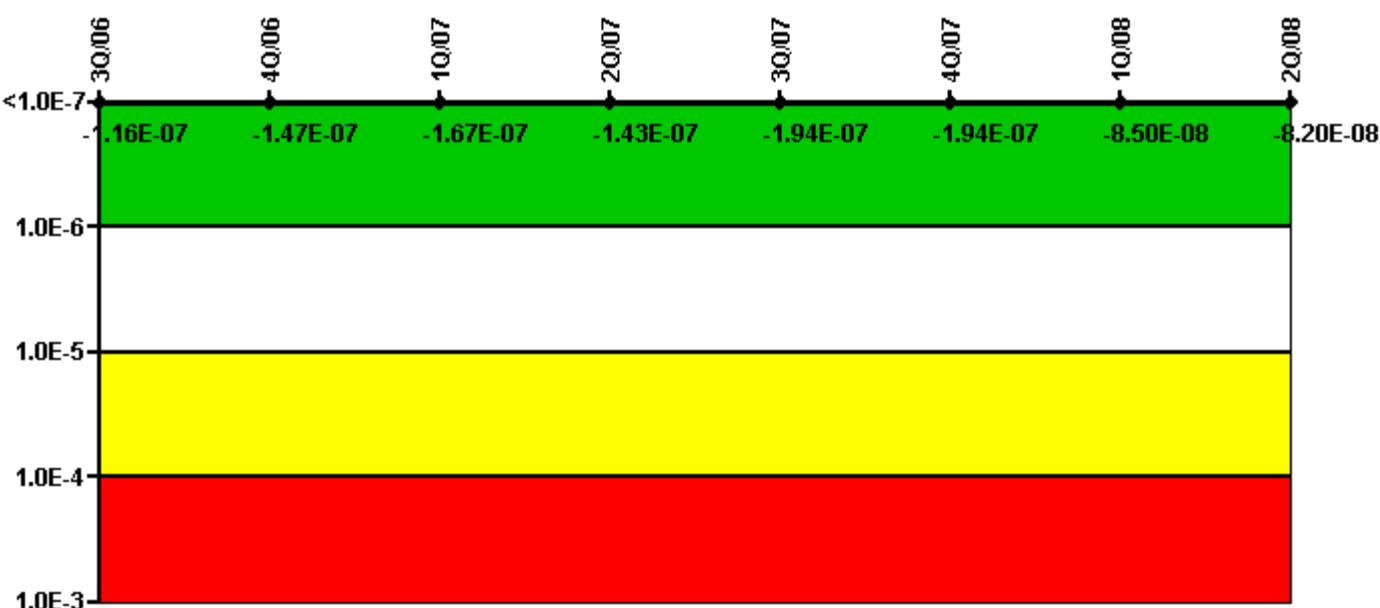
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (Δ CDF)	-3.70E-10	-2.60E-10	3.20E-10	4.20E-10	3.90E-10	2.90E-12	2.20E-12	4.20E-11
URI (Δ CDF)	-5.00E-09	-2.70E-09	-2.70E-09	-2.50E-09	-2.50E-09	-2.50E-09	-2.50E-09	-2.50E-09
PLE	NO							
Indicator value	-5.37E-09	-2.96E-09	-2.38E-09	-2.08E-09	-2.11E-09	-2.50E-09	-2.50E-09	-2.46E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



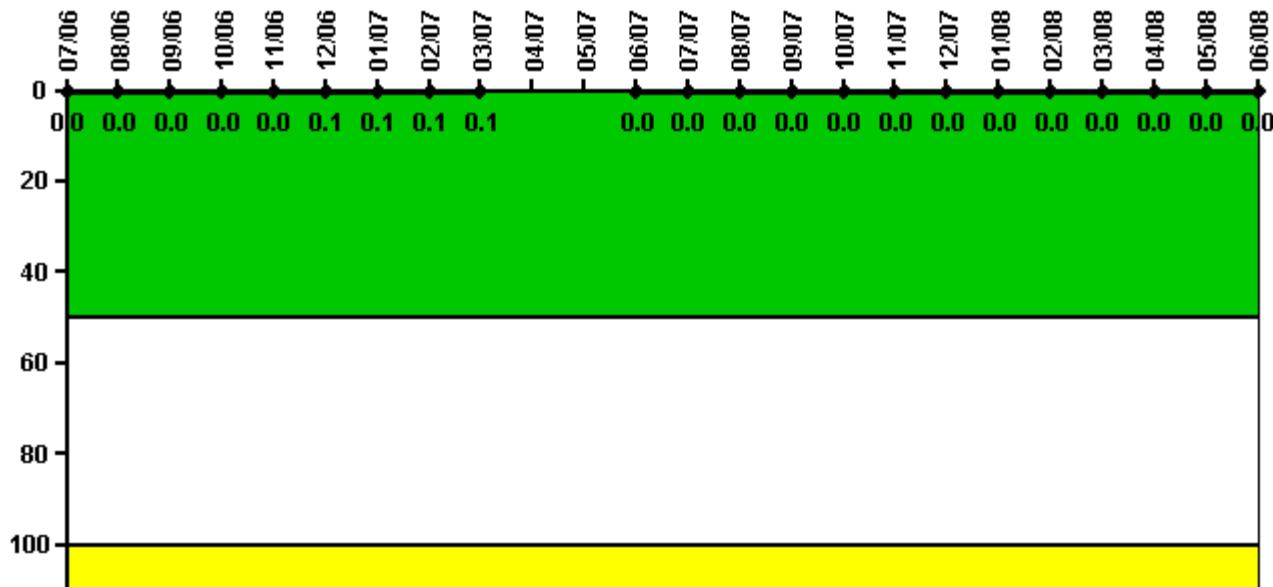
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (Δ CDF)	-1.60E-07	-1.40E-07	-1.60E-07	-1.40E-07	-1.90E-07	-1.90E-07	-7.50E-08	-7.20E-08
URI (Δ CDF)	4.40E-08	-6.80E-09	-6.80E-09	-3.10E-09	-4.00E-09	-4.00E-09	-1.00E-08	-1.00E-08
PLE	NO							
Indicator value	-1.16E-07	-1.47E-07	-1.67E-07	-1.43E-07	-1.94E-07	-1.94E-07	-8.50E-08	-8.20E-08

Licensee Comments: none

Reactor Coolant System Activity



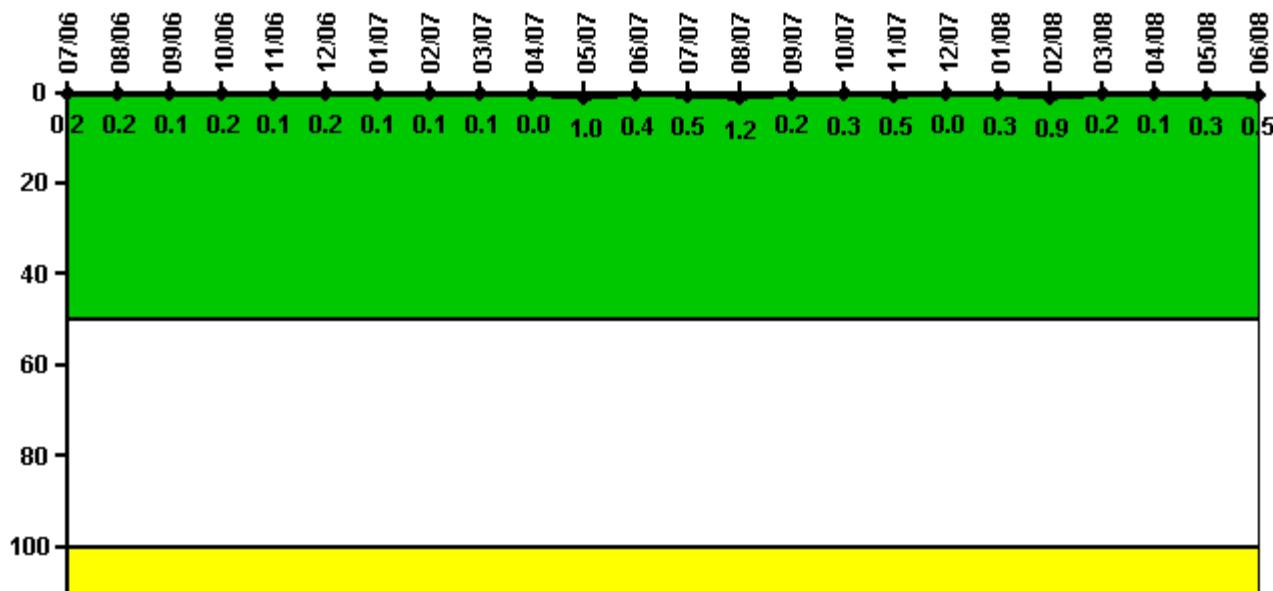
Thresholds: White > 50.0 Yellow > 100.0

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		0.000457	0.000467	0.000475	0.000490	0.000499	0.000541	0.000525	0.000709	0.001150	N/A	N/A	0.000210
Technical specification limit		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value		0	0	0	0	0	0.1	0.1	0.1	0.1	N/A	N/A	0
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		0.000402	0.000358	0.000193	0.000314	0.000382	0.000290	0.000299	0.000309	0.000341	0.000356	0.000414	0.000347
Technical specification limit		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value		0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



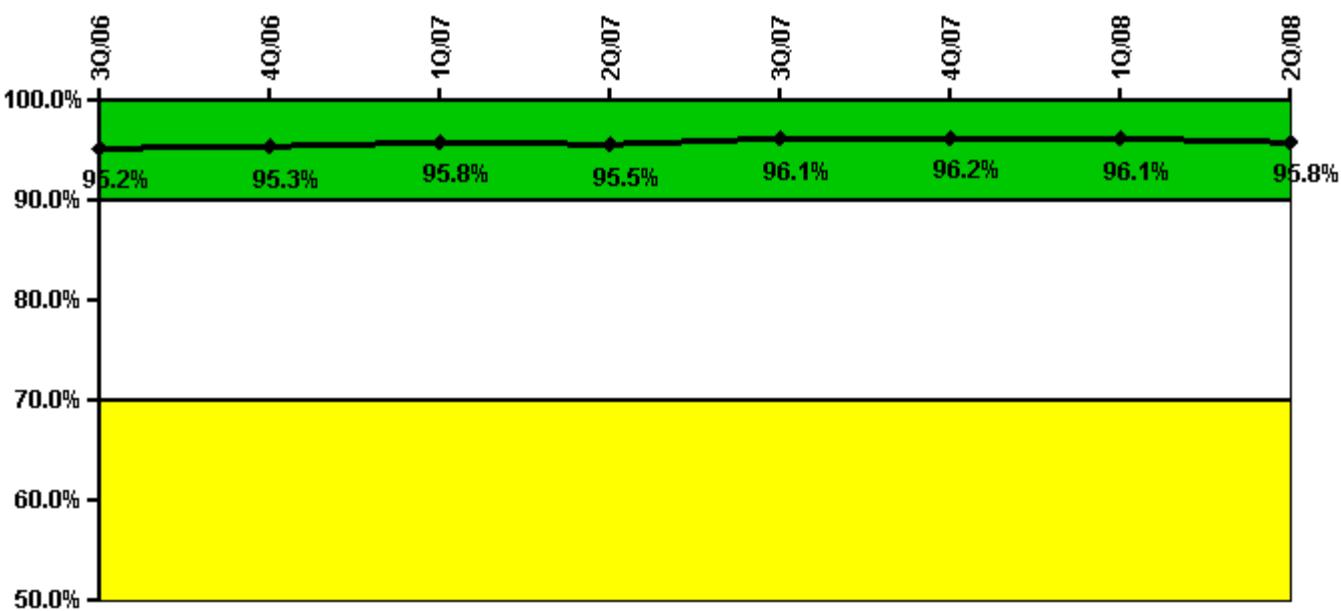
Thresholds: White > 50.0 Yellow > 100.0

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	0.020	0.018	0.014	0.020	0.010	0.023	0.010	0.010	0.013	0	0.103	0.036
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.2	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0	1.0	0.4
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	0.050	0.120	0.020	0.030	0.045	0.004	0.030	0.088	0.024	0.005	0.030	0.050
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	1.2	0.2	0.3	0.5	0	0.3	0.9	0.2	0.1	0.3	0.5

Licensee Comments: none

Drill/Exercise Performance



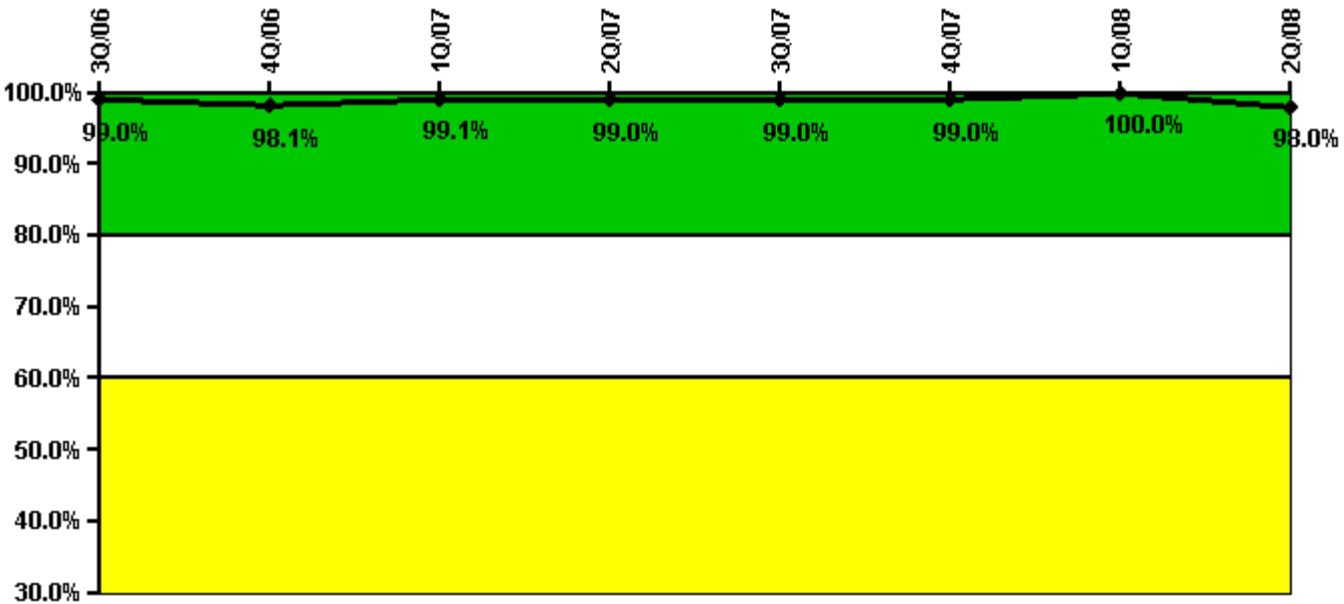
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Successful opportunities	71.0	78.0	113.0	38.0	88.0	2.0	68.0	48.0
Total opportunities	78.0	80.0	116.0	39.0	90.0	2.0	72.0	51.0
Indicator value	95.2%	95.3%	95.8%	95.5%	96.1%	96.2%	96.1%	95.8%

Licensee Comments: none

ERO Drill Participation



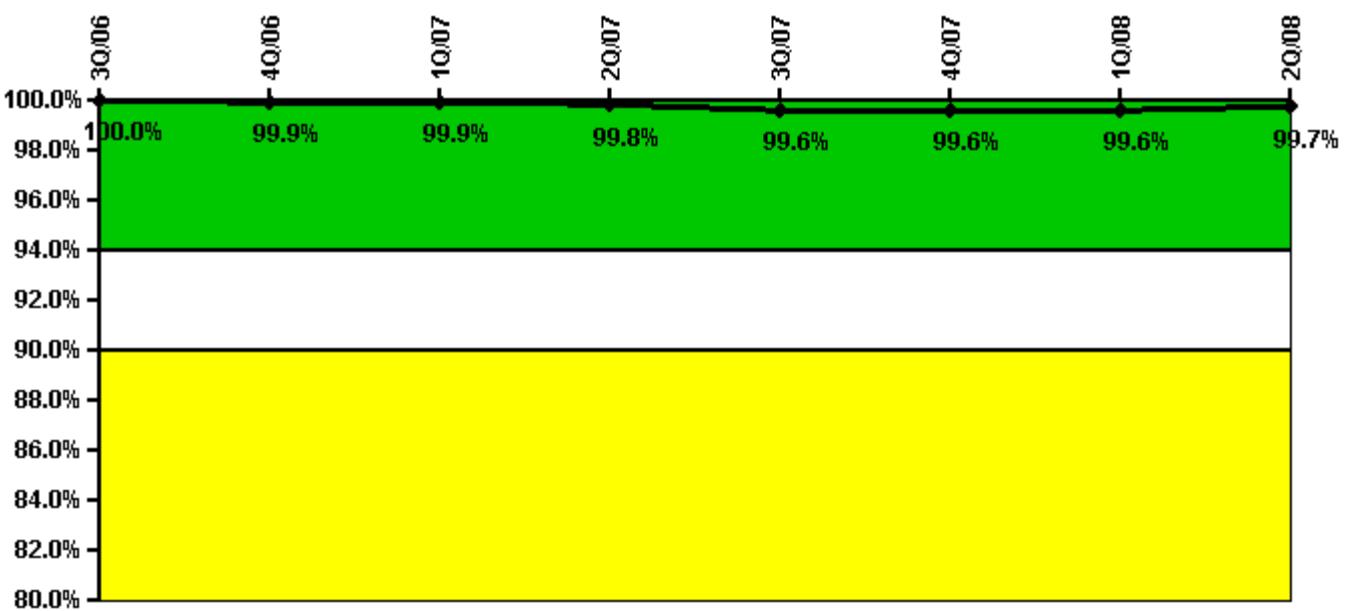
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Participating Key personnel	98.0	104.0	106.0	101.0	98.0	97.0	101.0	96.0
Total Key personnel	99.0	106.0	107.0	102.0	99.0	98.0	101.0	98.0
Indicator value	99.0%	98.1%	99.1%	99.0%	99.0%	99.0%	100.0%	98.0%

Licensee Comments: none

Alert & Notification System



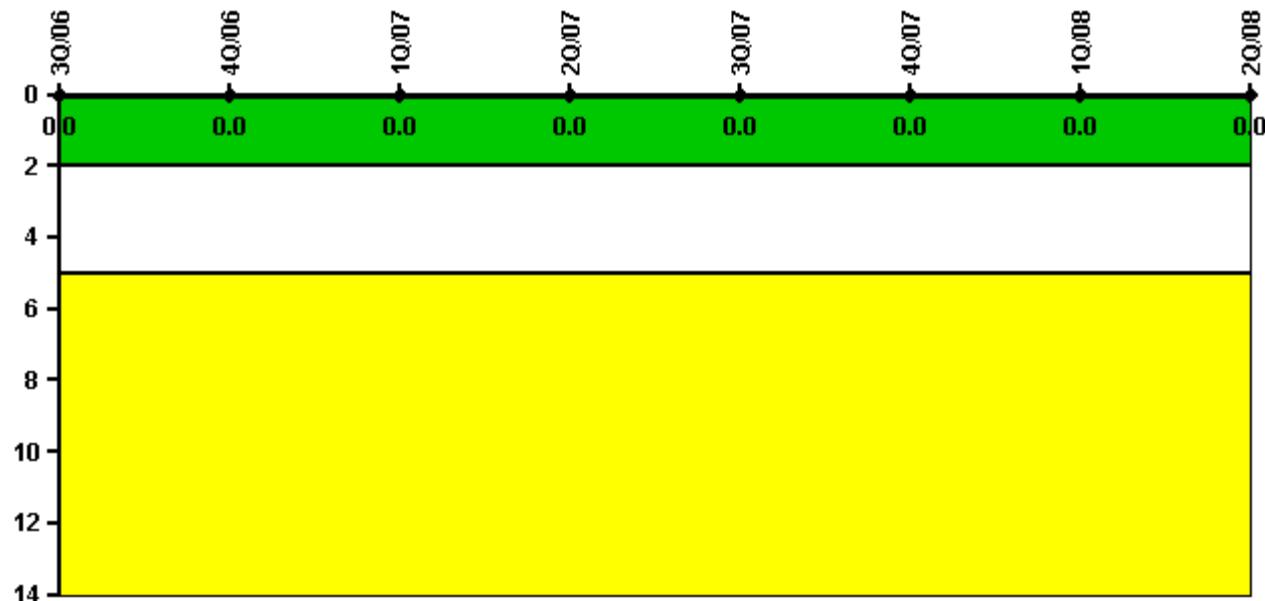
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Successful siren-tests	630	629	719	627	714	719	629	719
Total sirens-tests	630	630	720	630	720	720	630	720
Indicator value	100.0%	99.9%	99.9%	99.8%	99.6%	99.6%	99.6%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



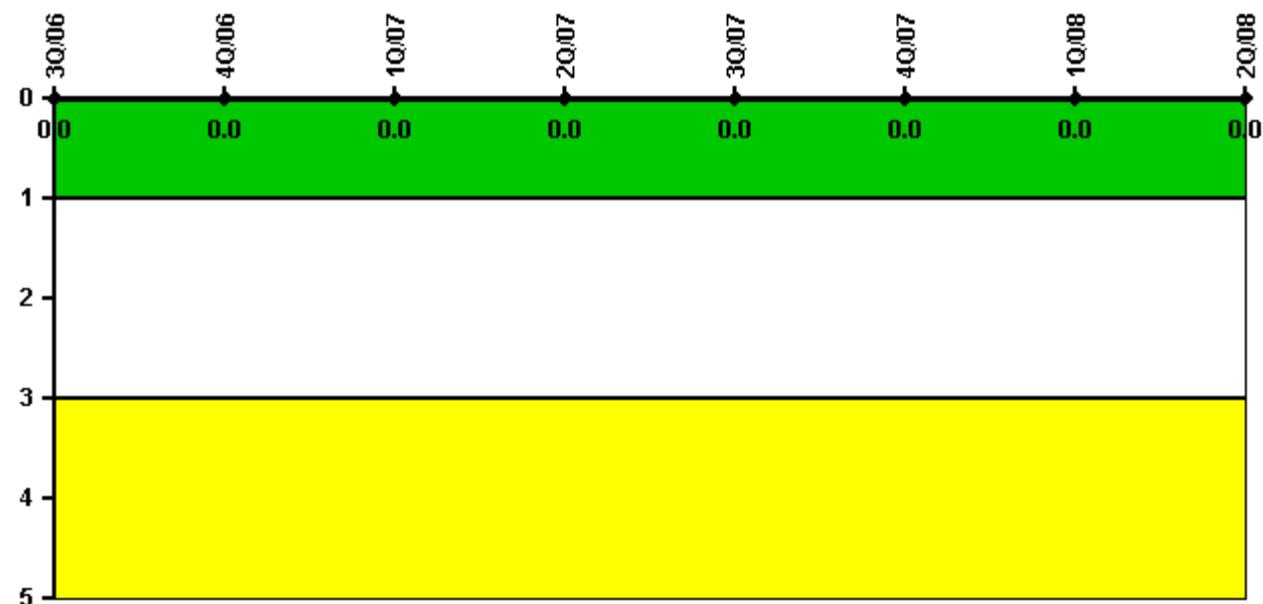
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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
Indicator value	0							

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

Saint Lucie 1

3Q/2008 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



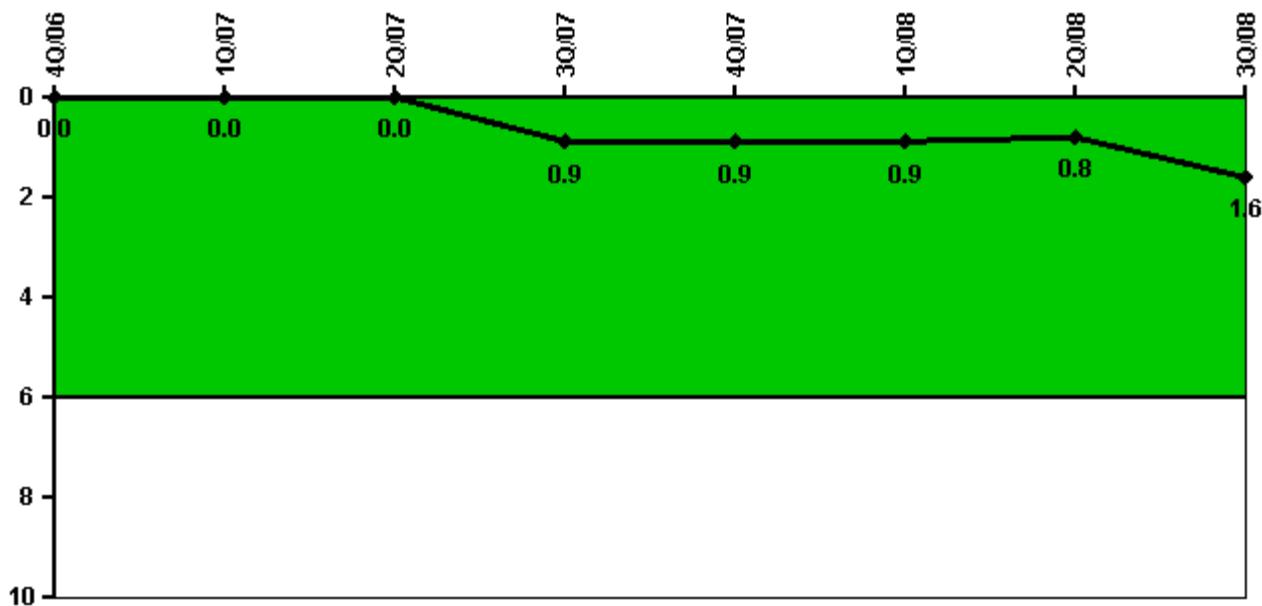
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	871.7	2208.0	2209.0	2183.0	2184.0	2091.3
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



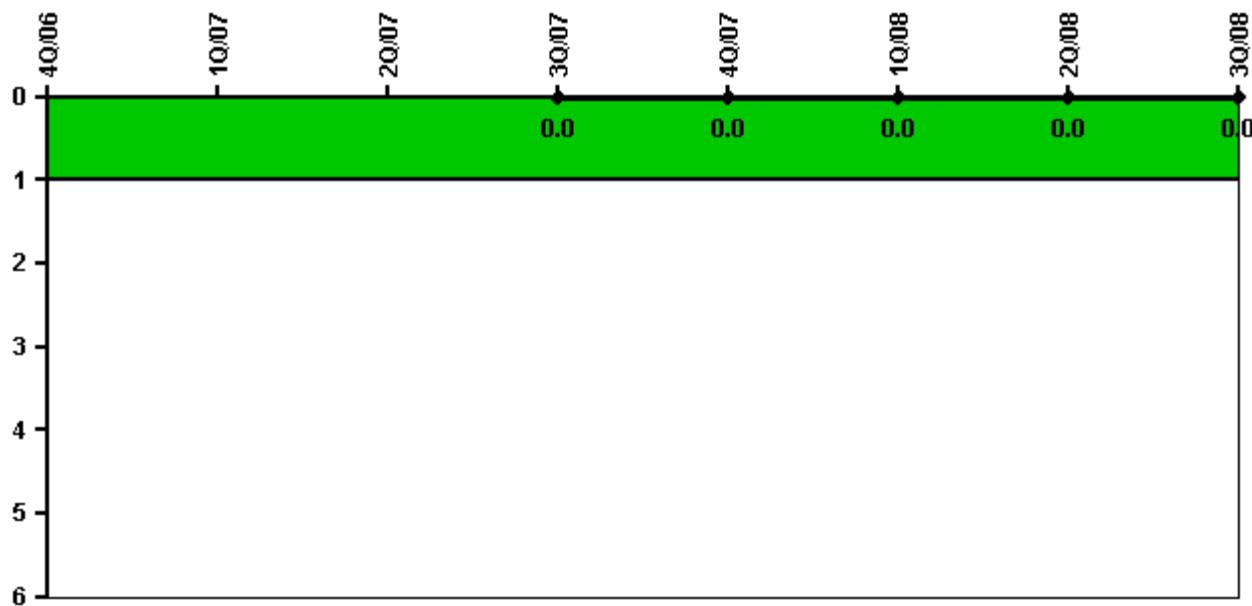
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Unplanned power changes	0	0	0	1.0	0	0	0	2.0
Critical hours	2209.0	2159.0	871.7	2208.0	2209.0	2183.0	2184.0	2091.3
Indicator value	0	0	0	0.9	0.9	0.9	0.8	1.6

Licensee Comments: none

Unplanned Scrams with Complications



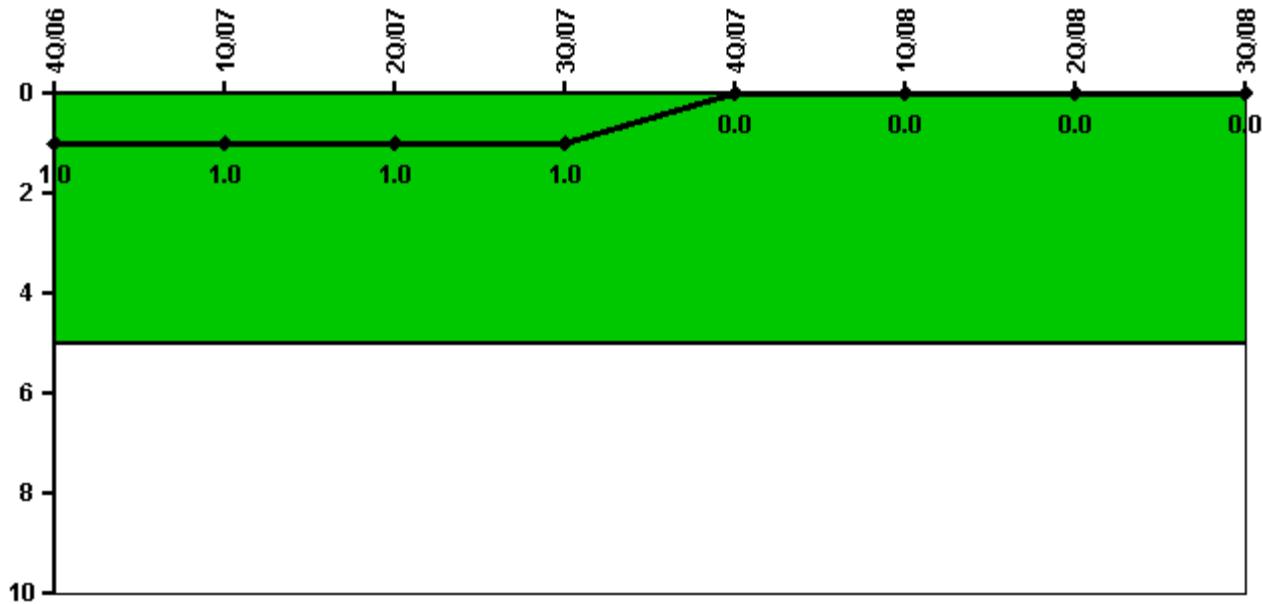
Thresholds: White > 1.0

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

Licensee Comments: none

Safety System Functional Failures (PWR)



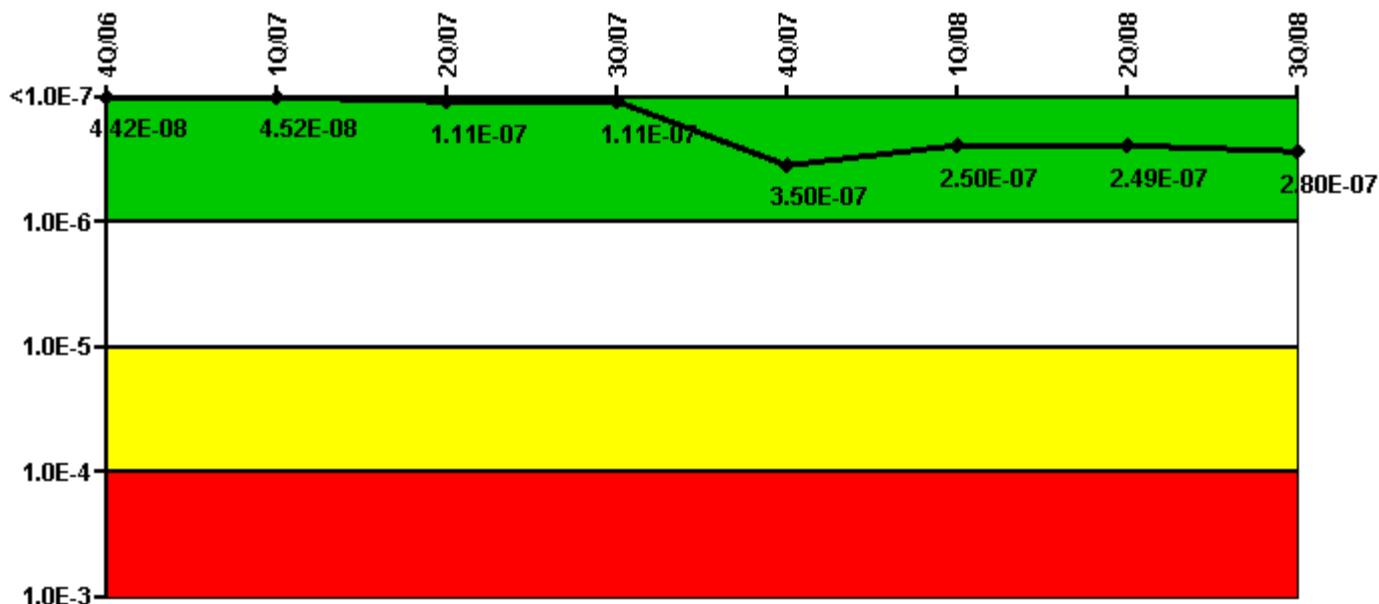
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
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

Mitigating Systems Performance Index, Emergency AC Power System



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

Notes

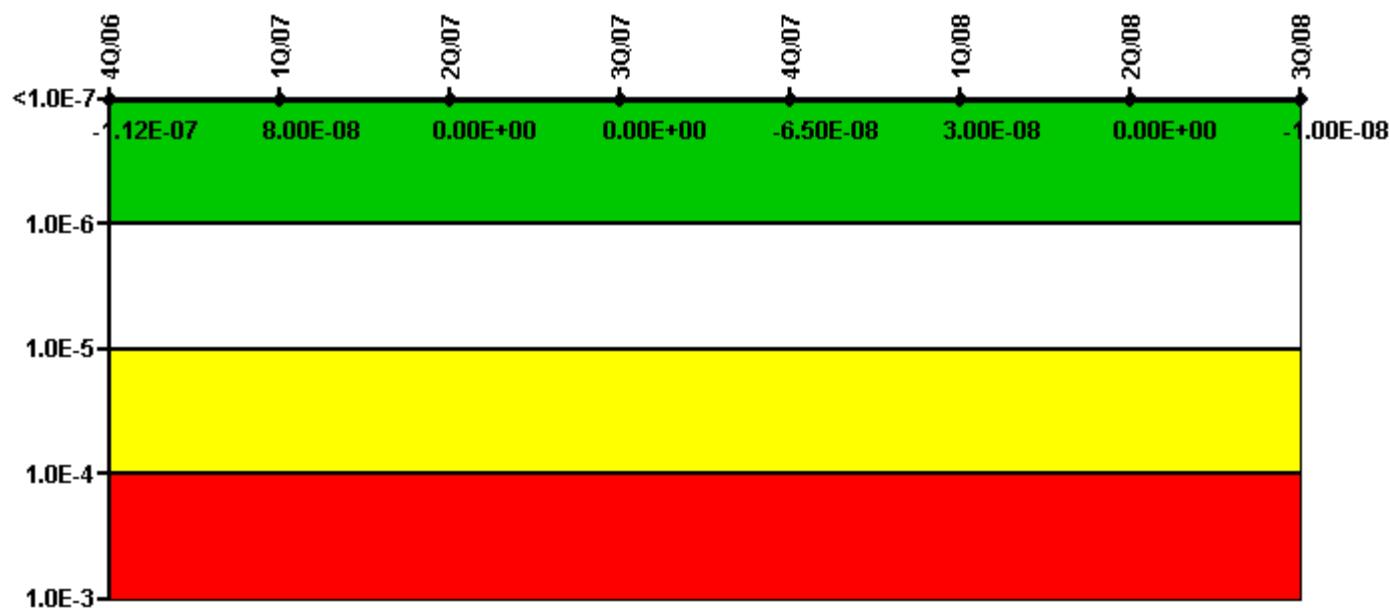
Mitigating Systems Performance Index, Emergency AC Power System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI (Δ CDF)	5.10E-08	5.20E-08	1.10E-07	1.10E-07	1.40E-07	9.00E-08	8.90E-08	1.20E-07
URI (Δ CDF)	-6.80E-09	-6.80E-09	1.30E-09	1.30E-09	2.10E-07	1.60E-07	1.60E-07	1.60E-07
PLE	NO							
Indicator value	4.42E-08	4.52E-08	1.11E-07	1.11E-07	3.50E-07	2.50E-07	2.49E-07	2.80E-07

Licensee Comments:

1Q/07: A forced override of the Train A FVUAP CDE data was performed to correct a typographical error made during the 4Q/2006 PSA model update data entry. The incorrect value of 1.4303 was corrected to 1.43E-03.

4Q/06: Unit 1 EAC train A FVUAP value was corrected. The September 06 MSPI Basis Document update value of 1.43E-03 was incorrectly entered as 1.4303 (no exponent). This value was corrected on February 8, 2007.

Mitigating Systems Performance Index, High Pressure Injection System



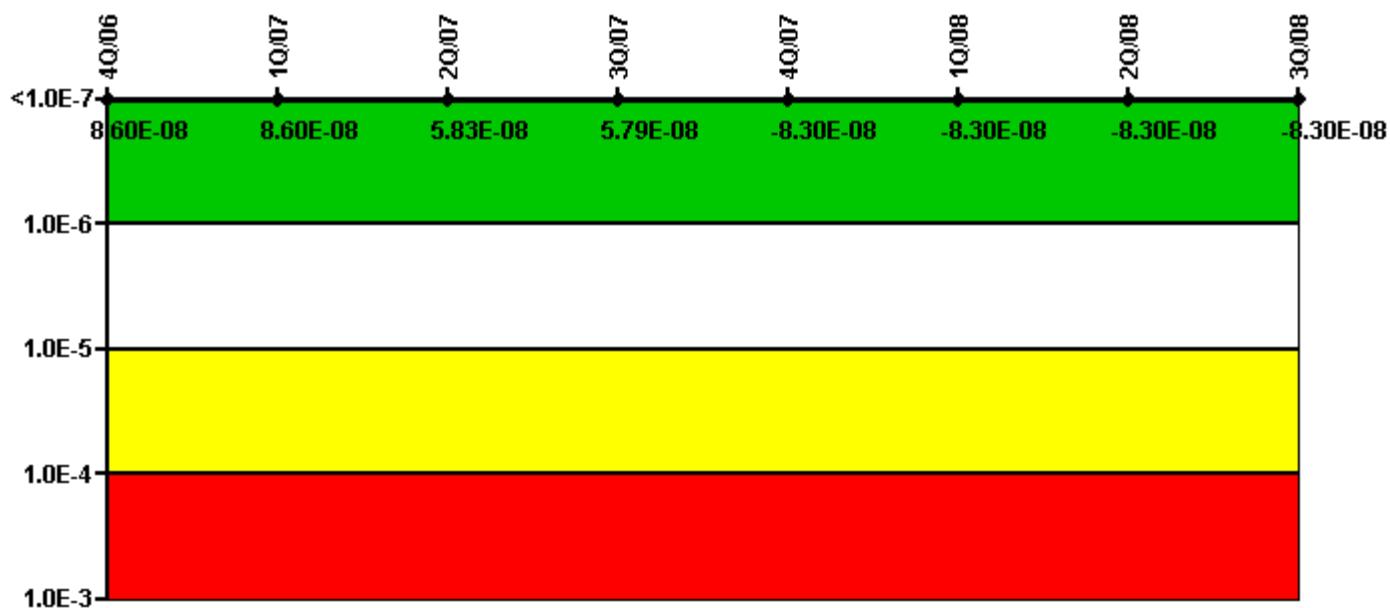
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (Δ CDF)	2.80E-08	2.20E-07	1.10E-07	1.10E-07	4.50E-08	1.40E-07	1.10E-07	1.00E-07
URI (Δ CDF)		-1.40E-07	-1.40E-07	-1.10E-07	-1.10E-07	-1.10E-07	-1.10E-07	-1.10E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.12E-07	8.00E-08	0.00E+00	0.00E+00	-6.50E-08	3.00E-08	0.00E+00	-1.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



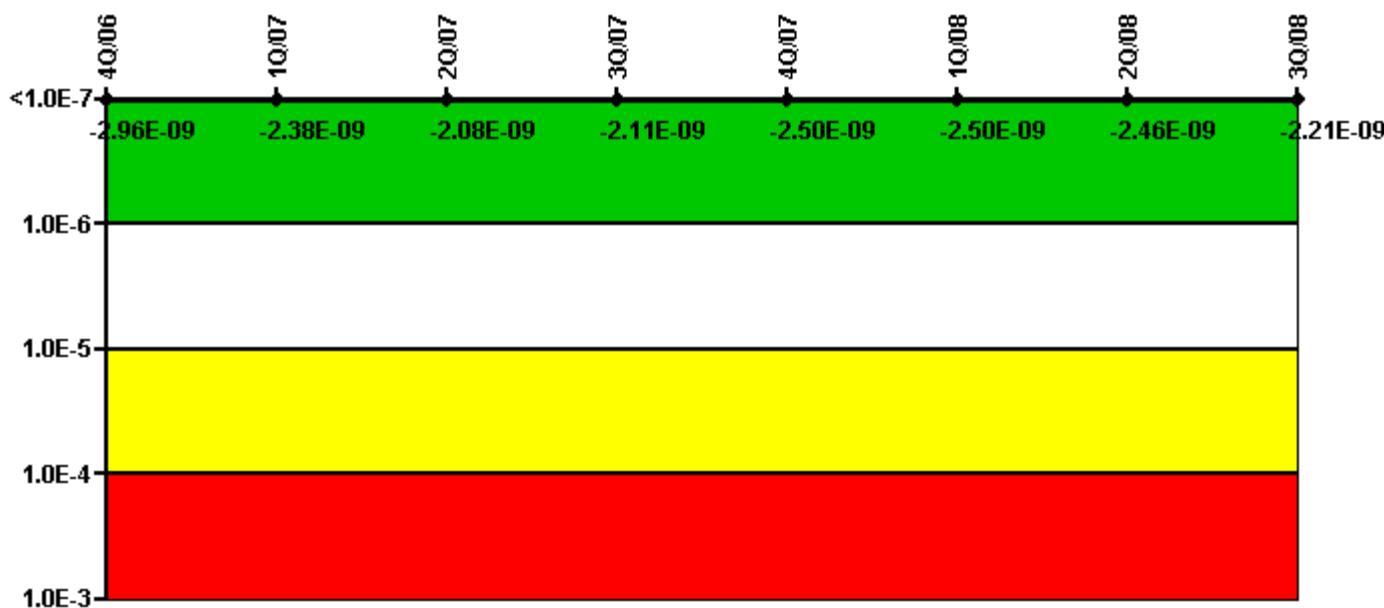
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (Δ CDF)	2.20E-08	2.20E-08	-2.70E-09	-3.10E-09	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08
URI (Δ CDF)	6.40E-08	6.40E-08	6.10E-08	6.10E-08	-7.10E-08	-7.10E-08	-7.10E-08	-7.10E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	8.60E-08	8.60E-08	5.83E-08	5.79E-08	-8.30E-08	-8.30E-08	-8.30E-08	-8.30E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



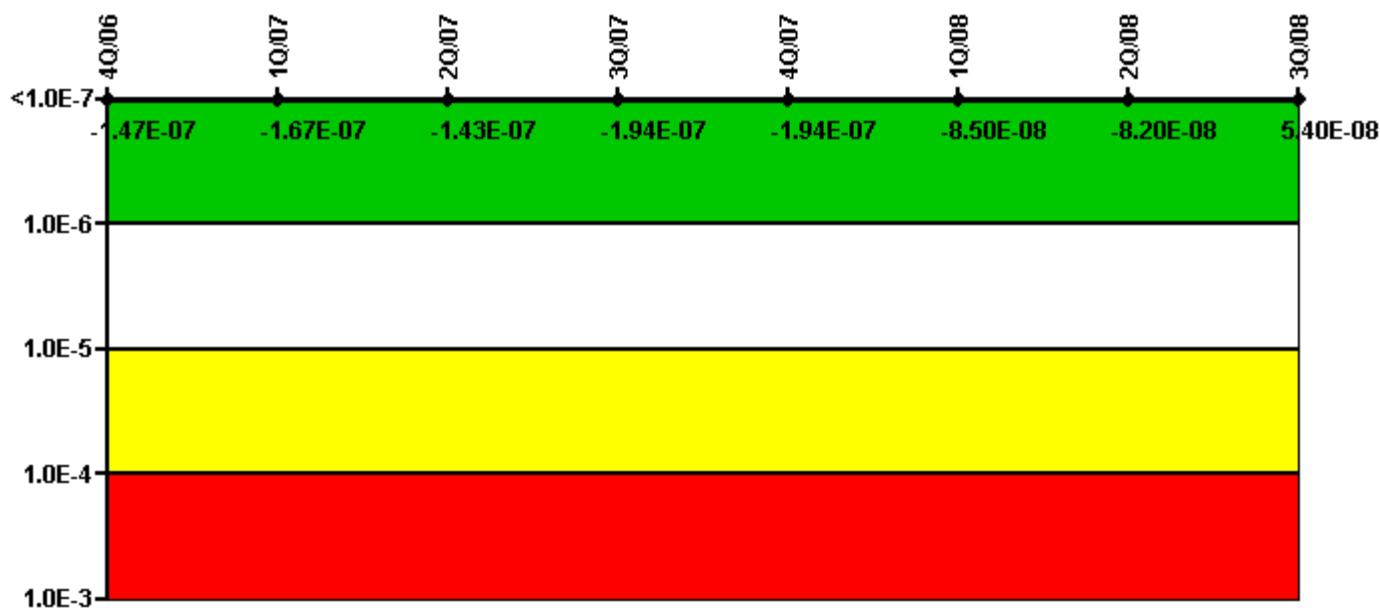
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI (Δ CDF)	-2.60E-10	3.20E-10	4.20E-10	3.90E-10	2.90E-12	2.20E-12	4.20E-11	2.90E-10
URI (Δ CDF)	-2.70E-09	-2.70E-09	-2.50E-09	-2.50E-09	-2.50E-09	-2.50E-09	-2.50E-09	-2.50E-09
PLE	NO							
Indicator value	-2.96E-09	-2.38E-09	-2.08E-09	-2.11E-09	-2.50E-09	-2.50E-09	-2.46E-09	-2.21E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



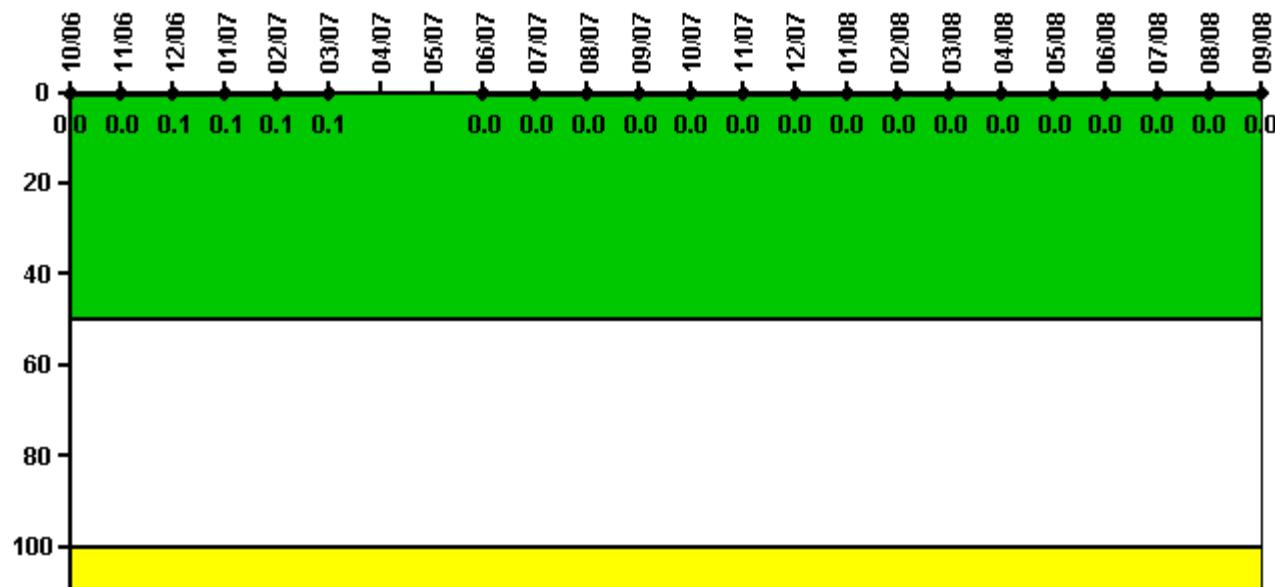
Thresholds: White $> 1.00E-6$ Yellow $> 1.00E-5$ Red $> 1.00E-4$

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 (Δ CDF)	-1.40E-07	-1.60E-07	-1.40E-07	-1.90E-07	-1.90E-07	-7.50E-08	-7.20E-08	6.40E-08
URI (Δ CDF)	-6.80E-09	-6.80E-09	-3.10E-09	-4.00E-09	-4.00E-09	-1.00E-08	-1.00E-08	-1.00E-08
PLE	NO	NO						
Indicator value	-1.47E-07	-1.67E-07	-1.43E-07	-1.94E-07	-1.94E-07	-8.50E-08	-8.20E-08	5.40E-08

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

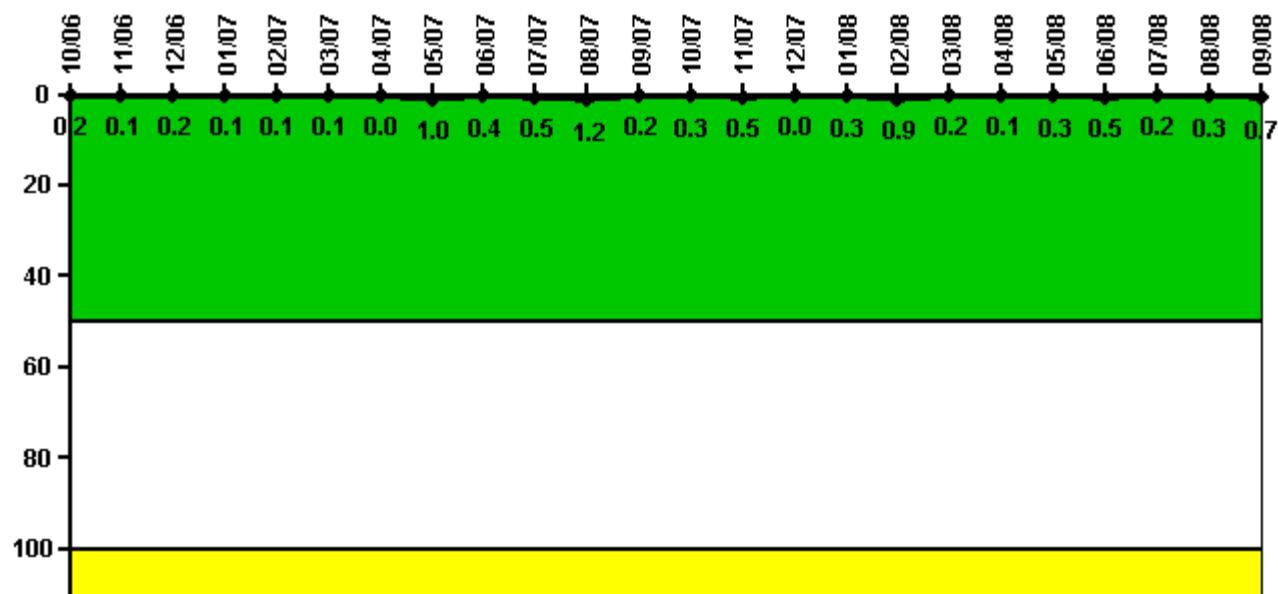
Notes

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	0.000490	0.000499	0.000541	0.000525	0.000709	0.001150	N/A	N/A	0.000210	0.000402	0.000358	0.000193
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0.1	0.1	0.1	0.1	N/A	N/A	0	0	0	0

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	0.000314	0.000382	0.000290	0.000299	0.000309	0.000341	0.000356	0.000414	0.000347	0.000362	0.000356	0.000400
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



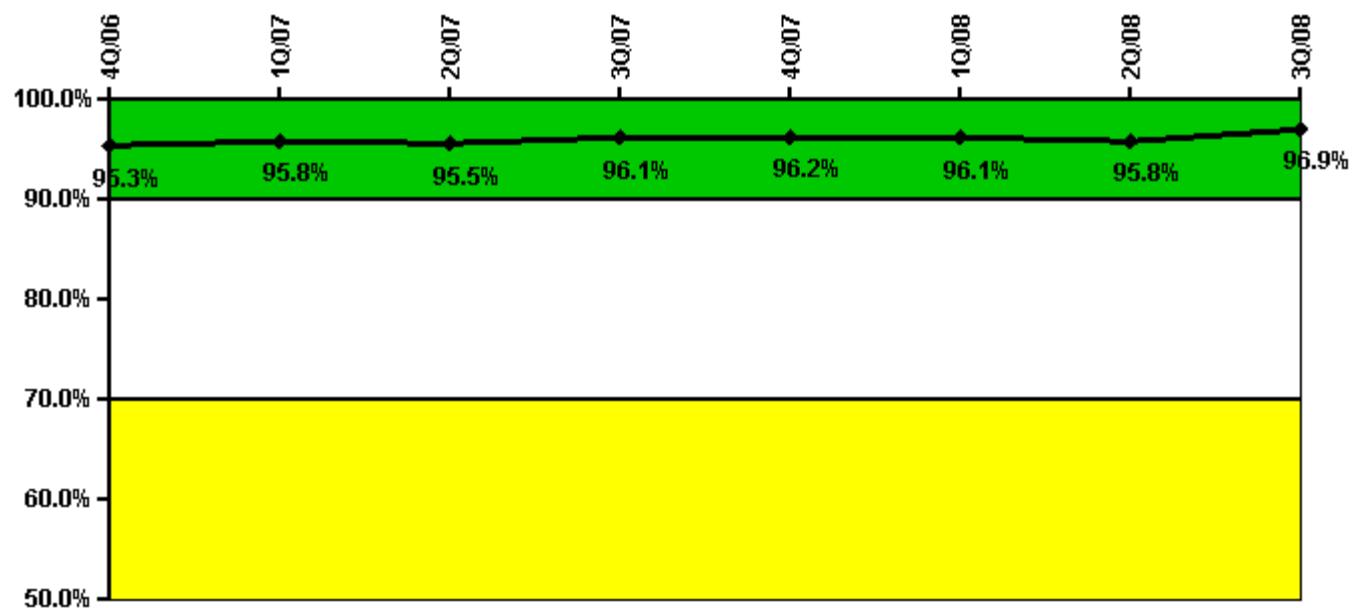
Thresholds: White > 50.0 Yellow > 100.0

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	0.020	0.010	0.023	0.010	0.010	0.013	0	0.103	0.036	0.050	0.120	0.020
Indicator value	0.2	0.1	0.2	0.1	0.1	0.1	0	1.0	0.4	0.5	1.2	0.2
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	0.030	0.045	0.004	0.030	0.088	0.024	0.005	0.030	0.050	0.020	0.030	0.070
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.5	0	0.3	0.9	0.2	0.1	0.3	0.5	0.2	0.3	0.7

Licensee Comments: none

Drill/Exercise Performance



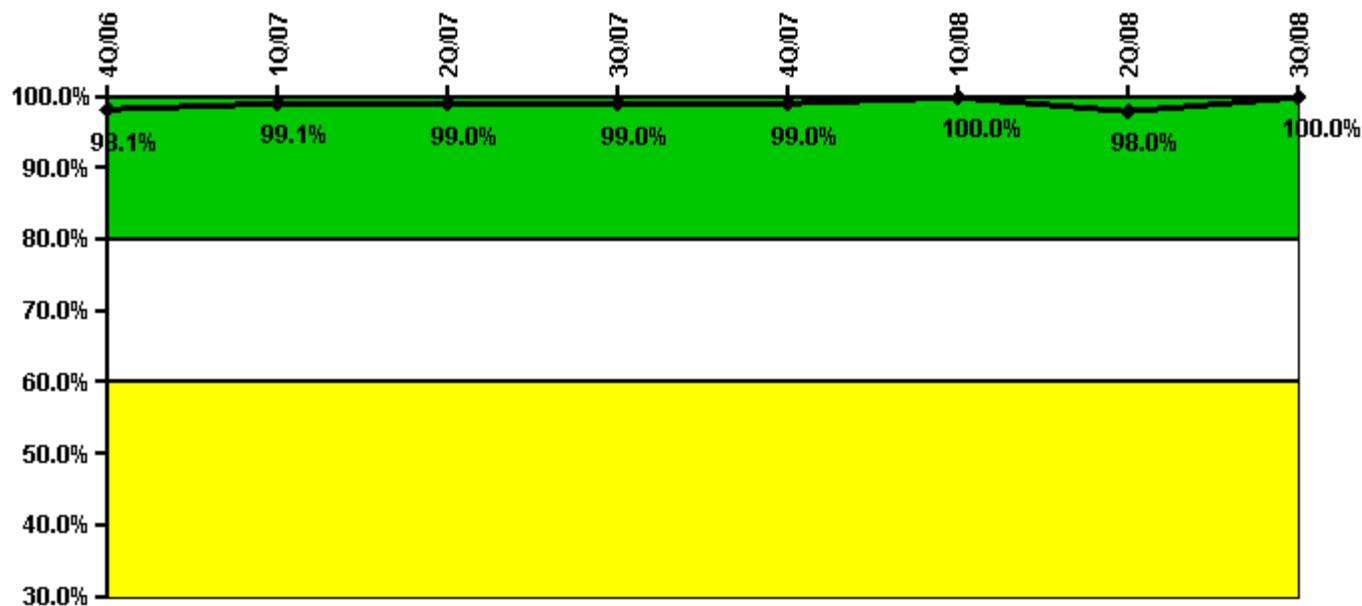
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Successful opportunities	78.0	113.0	38.0	88.0	2.0	68.0	48.0	68.0
Total opportunities	80.0	116.0	39.0	90.0	2.0	72.0	51.0	69.0
Indicator value	95.3%	95.8%	95.5%	96.1%	96.2%	96.1%	95.8%	96.9%

Licensee Comments: none

ERO Drill Participation



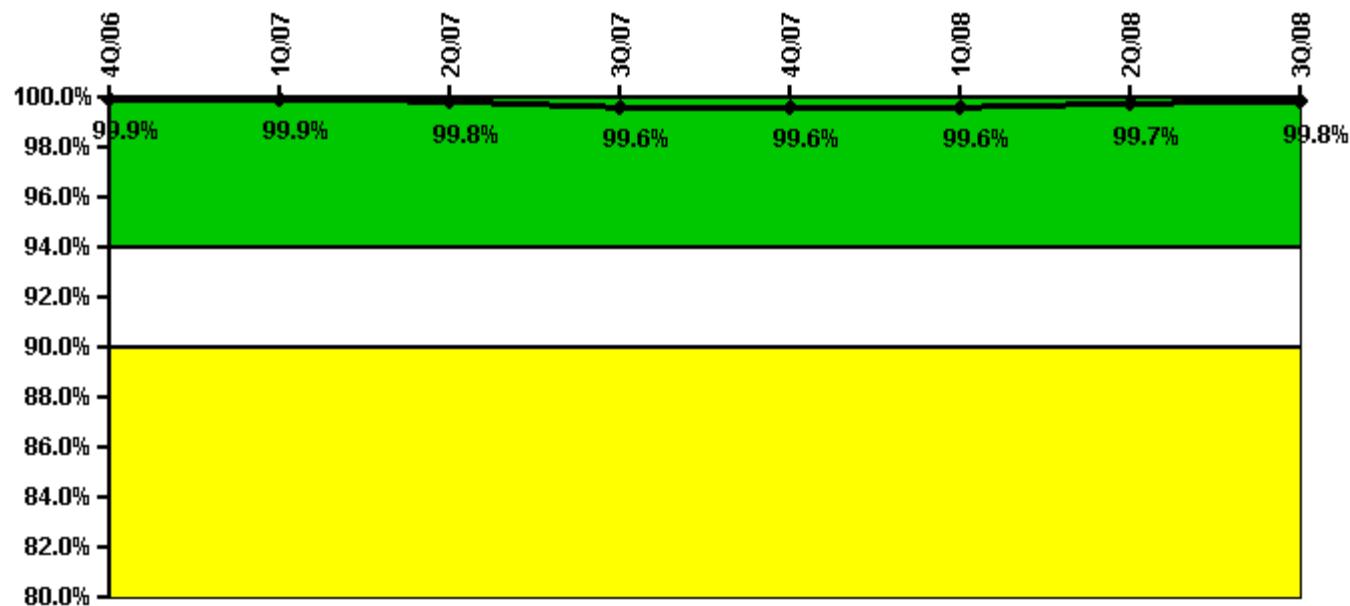
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Participating Key personnel	104.0	106.0	101.0	98.0	97.0	101.0	96.0	97.0
Total Key personnel	106.0	107.0	102.0	99.0	98.0	101.0	98.0	97.0
Indicator value	98.1%	99.1%	99.0%	99.0%	99.0%	100.0%	98.0%	100.0%

Licensee Comments: none

Alert & Notification System



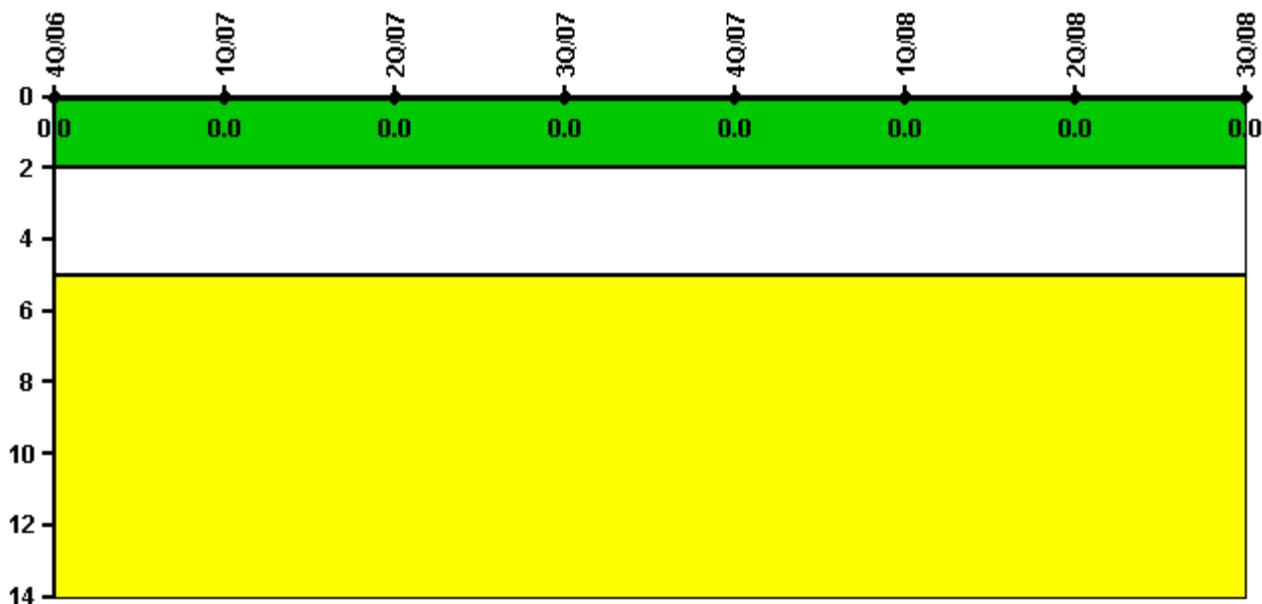
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Successful siren-tests	629	719	627	714	719	629	719	627
Total sirens-tests	630	720	630	720	720	630	720	630
Indicator value	99.9%	99.9%	99.8%	99.6%	99.6%	99.6%	99.7%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



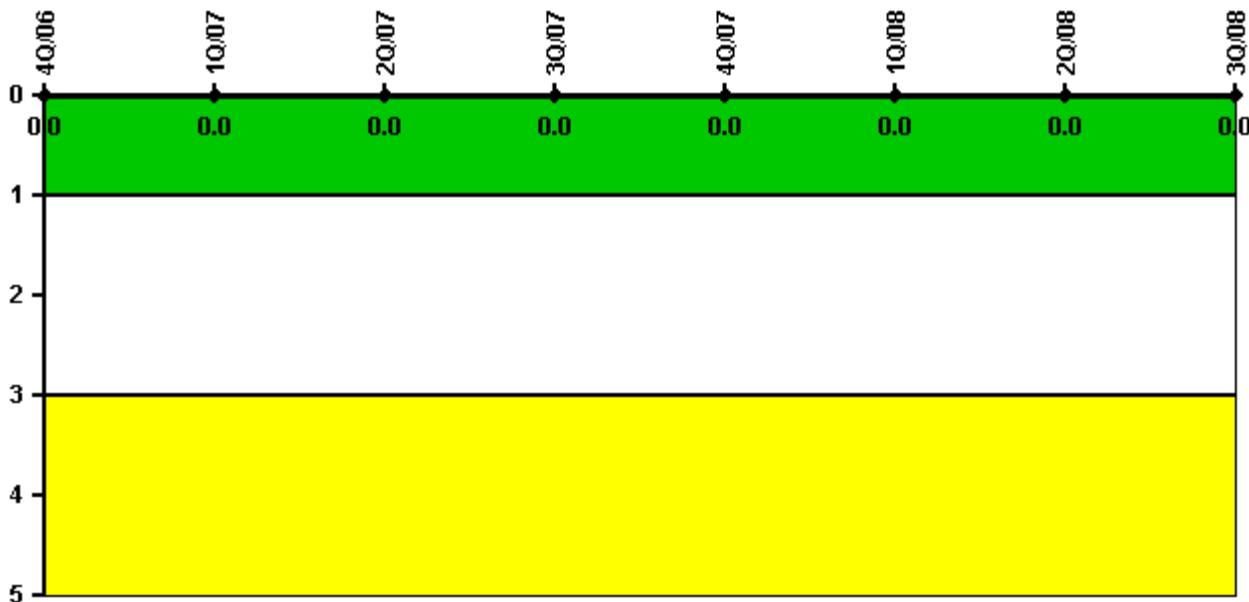
Thresholds: White > 2.0 Yellow > 5.0

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
Indicator value	0							

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

[Security](#) information not publicly available.



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

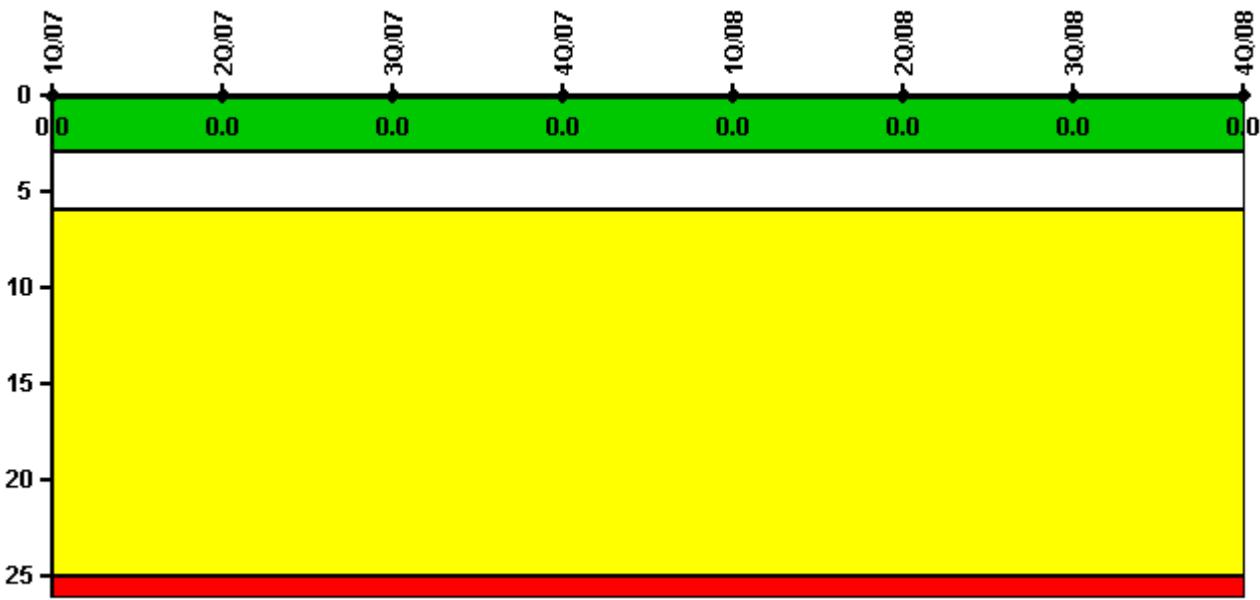
Last Modified: November 26, 2008

Saint Lucie 1

4Q/2008 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



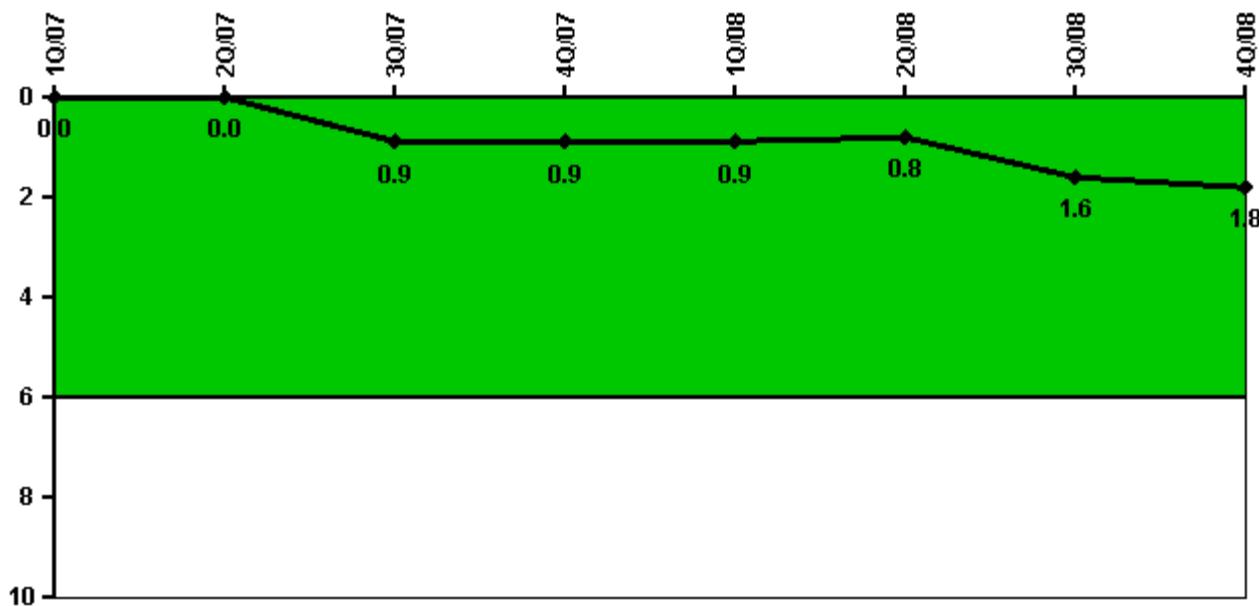
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	871.7	2208.0	2209.0	2183.0	2184.0	2091.3	1443.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



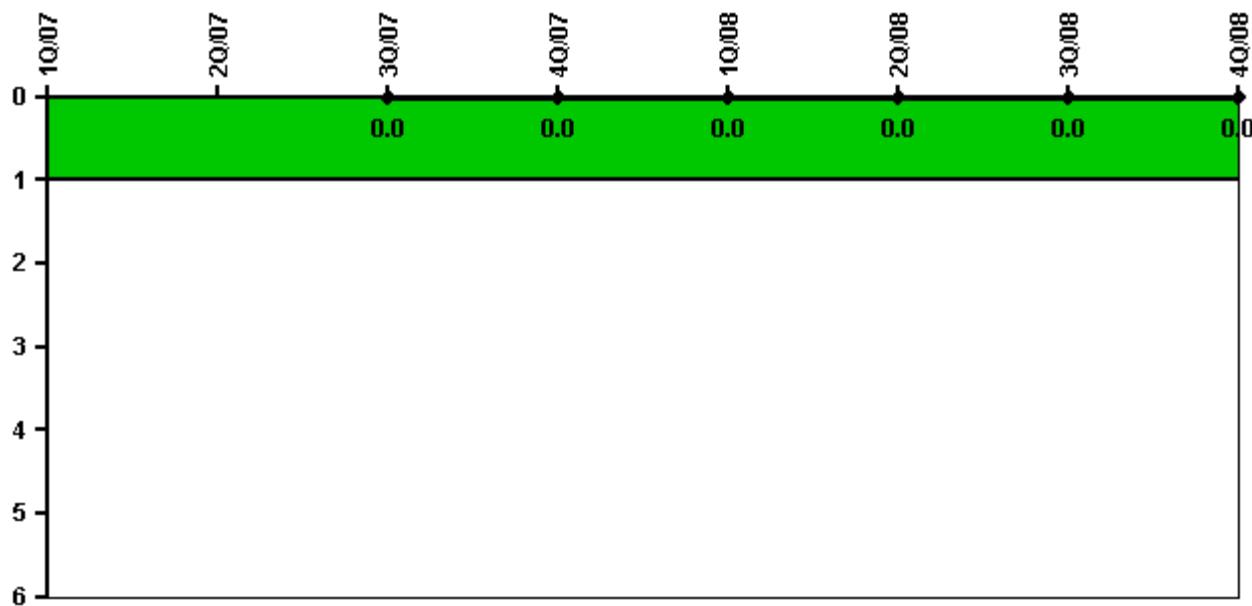
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Unplanned power changes	0	0	1.0	0	0	0	2.0	0
Critical hours	2159.0	871.7	2208.0	2209.0	2183.0	2184.0	2091.3	1443.0
Indicator value	0	0	0.9	0.9	0.9	0.8	1.6	1.8

Licensee Comments: none

Unplanned Scrams with Complications



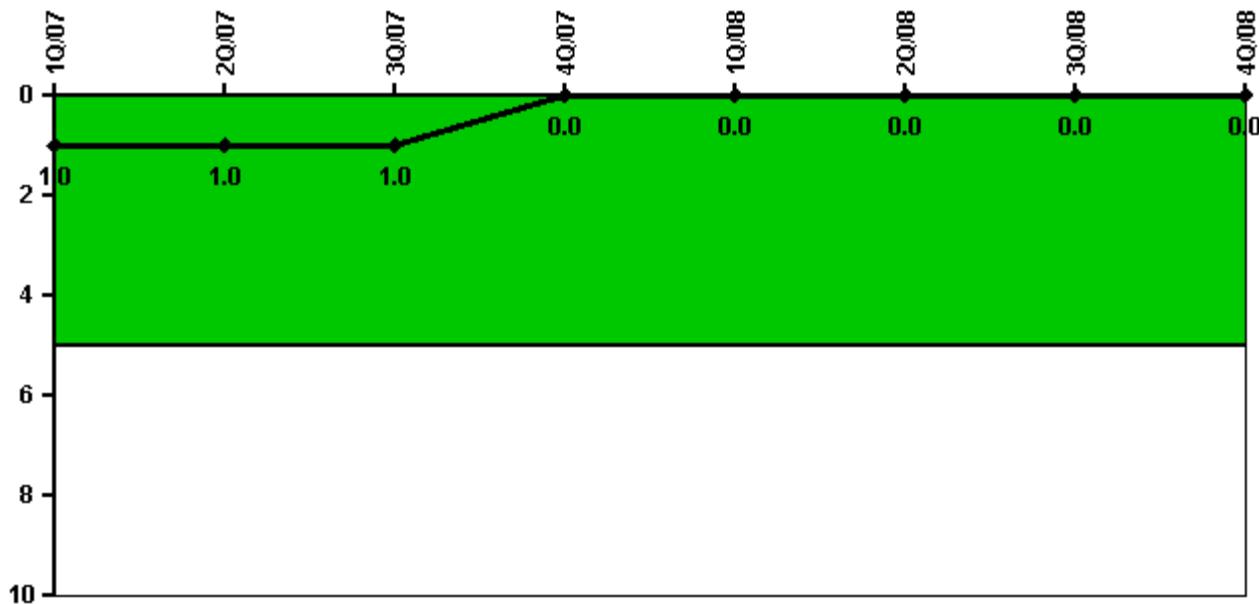
Thresholds: White > 1.0

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

Licensee Comments: none

Safety System Functional Failures (PWR)



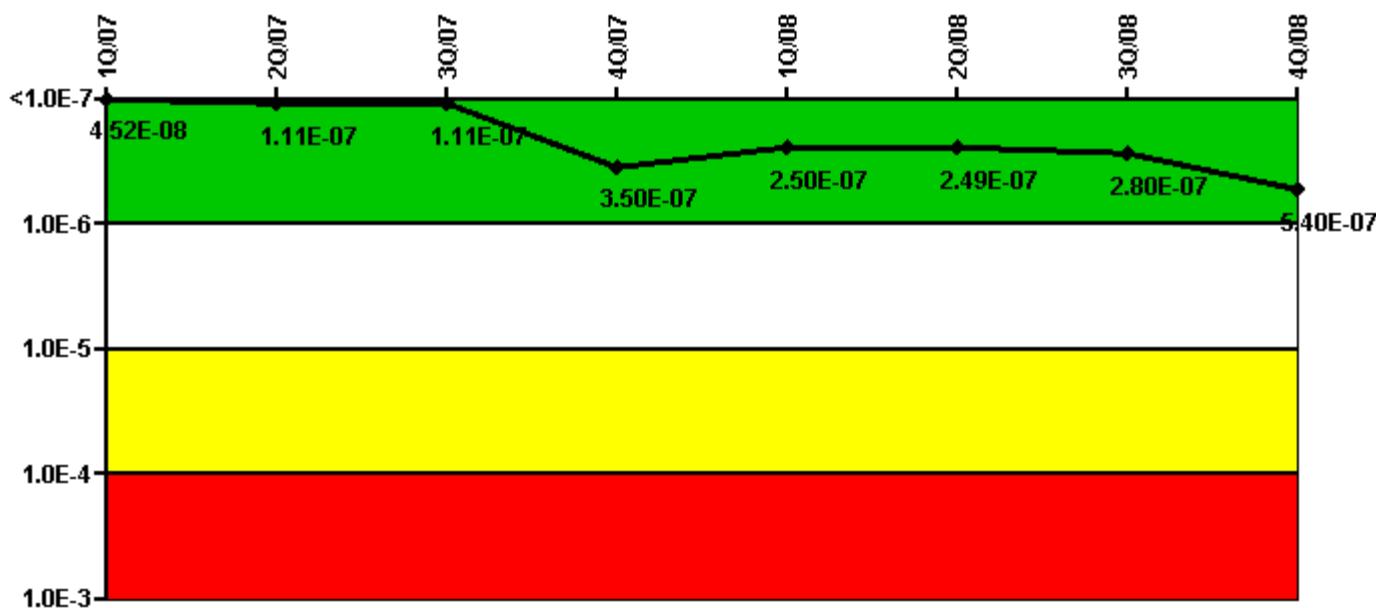
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	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	1	1	1	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



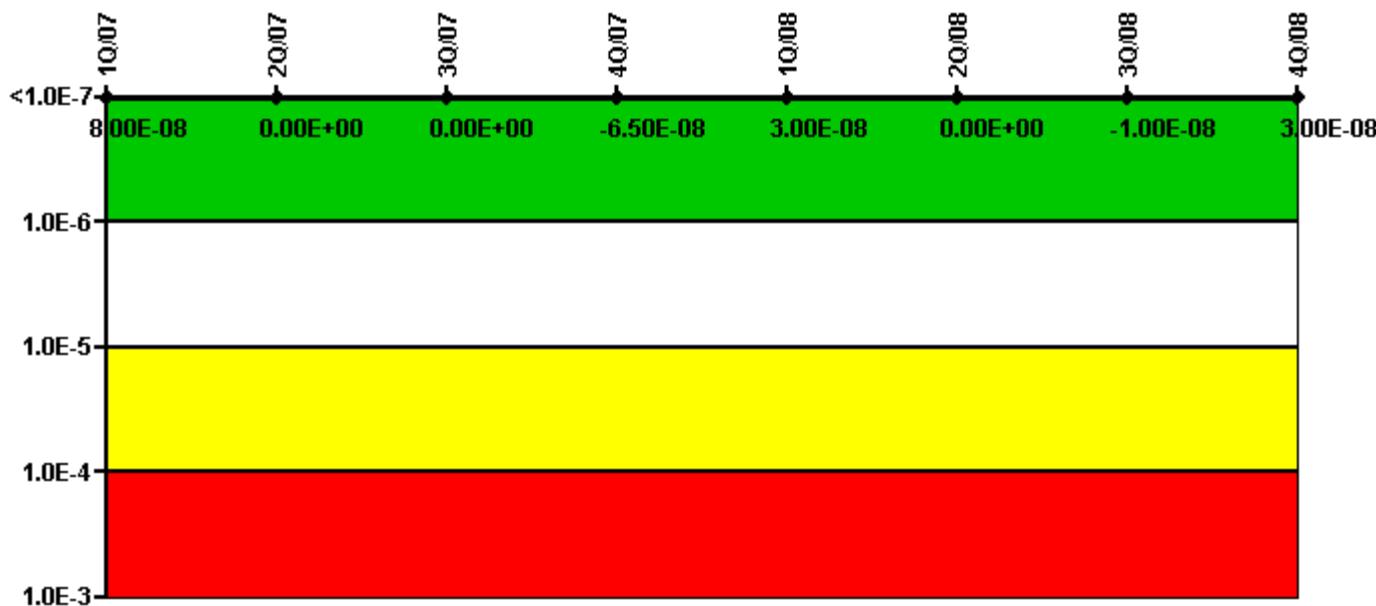
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI (Δ CDF)	5.20E-08	1.10E-07	1.10E-07	1.40E-07	9.00E-08	8.90E-08	1.20E-07	1.20E-07
URI (Δ CDF)	-6.80E-09	1.30E-09	1.30E-09	2.10E-07	1.60E-07	1.60E-07	1.60E-07	4.20E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.52E-08	1.11E-07	1.11E-07	3.50E-07	2.50E-07	2.49E-07	2.80E-07	5.40E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



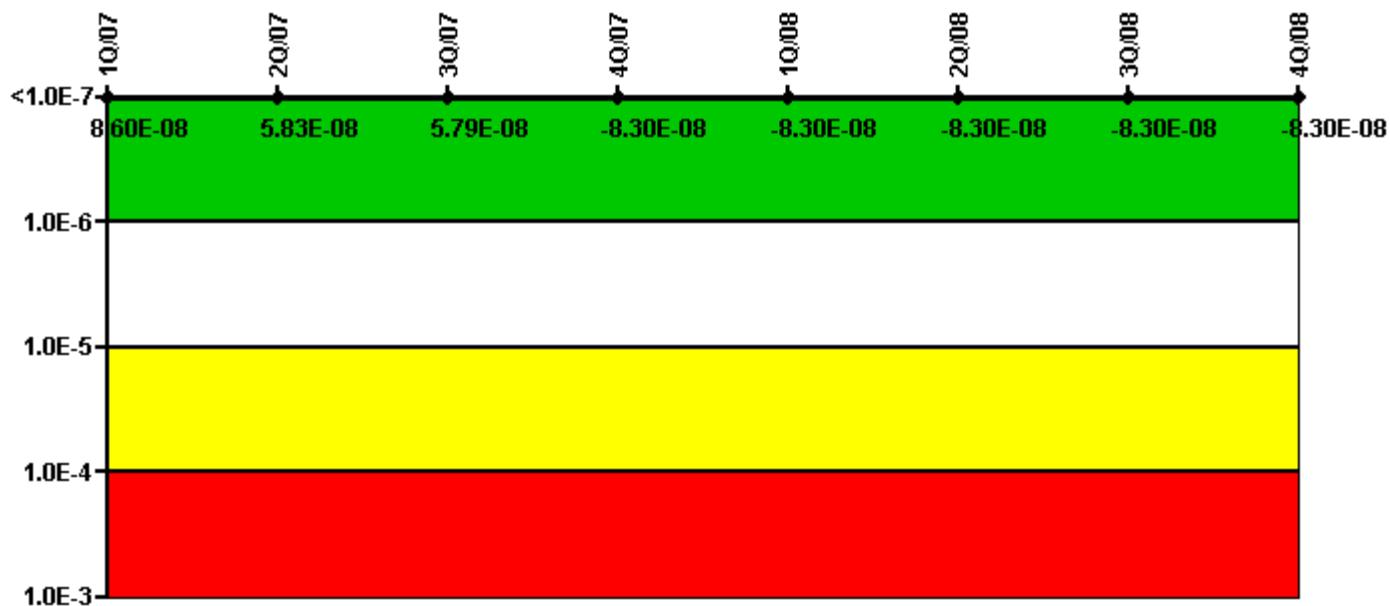
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI (Δ CDF)	2.20E-07	1.10E-07	1.10E-07	4.50E-08	1.40E-07	1.10E-07	1.00E-07	1.40E-07
URI (Δ CDF)	-1.40E-07	-1.10E-07	-1.10E-07	-1.10E-07	-1.10E-07	-1.10E-07	-1.10E-07	-1.10E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	8.00E-08	0.00E+00	0.00E+00	-6.50E-08	3.00E-08	0.00E+00	-1.00E-08	3.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



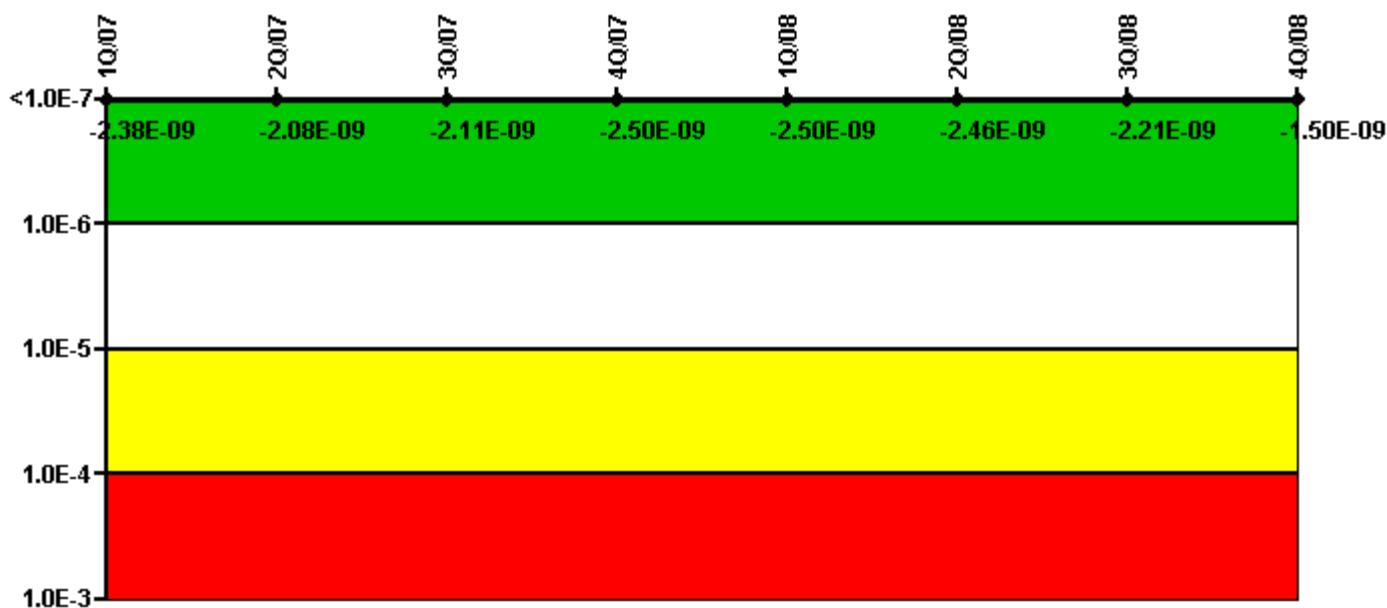
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI (Δ CDF)	2.20E-08	-2.70E-09	-3.10E-09	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08
URI (Δ CDF)	6.40E-08	6.10E-08	6.10E-08	-7.10E-08	-7.10E-08	-7.10E-08	-7.10E-08	-7.10E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	8.60E-08	5.83E-08	5.79E-08	-8.30E-08	-8.30E-08	-8.30E-08	-8.30E-08	-8.30E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



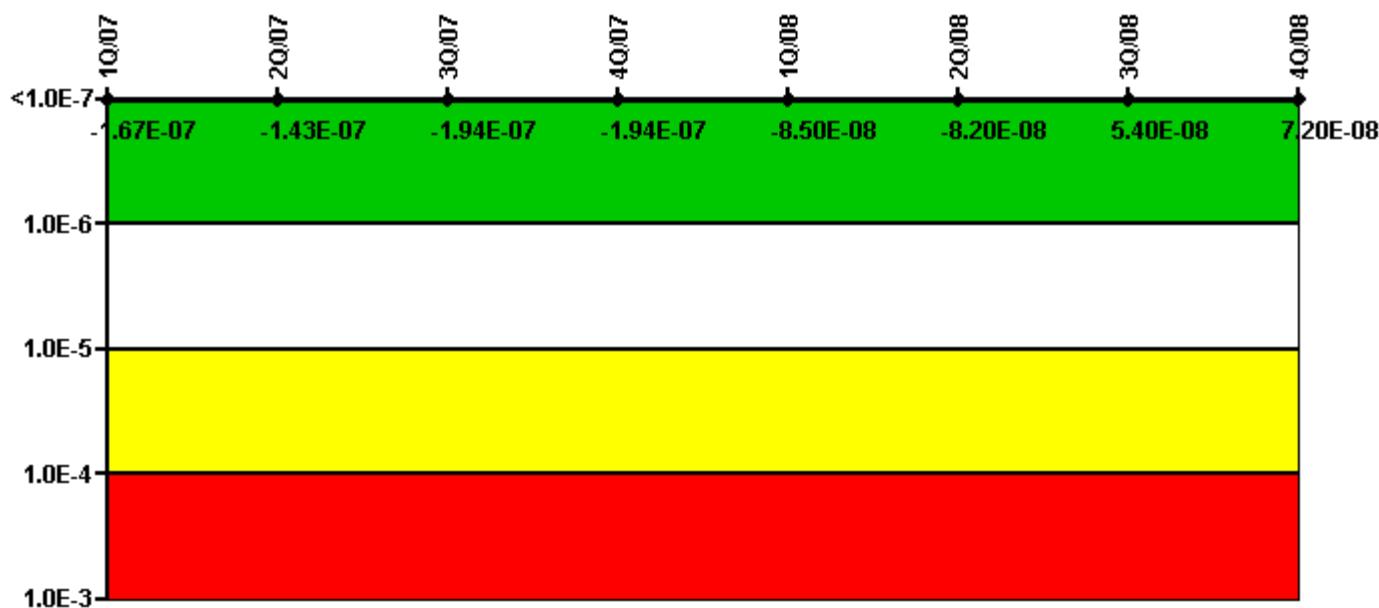
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI (Δ CDF)	3.20E-10	4.20E-10	3.90E-10	2.90E-12	2.20E-12	4.20E-11	2.90E-10	1.00E-09
URI (Δ CDF)	-2.70E-09	-2.50E-09						
PLE	NO							
Indicator value	-2.38E-09	-2.08E-09	-2.11E-09	-2.50E-09	-2.50E-09	-2.46E-09	-2.21E-09	-1.50E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



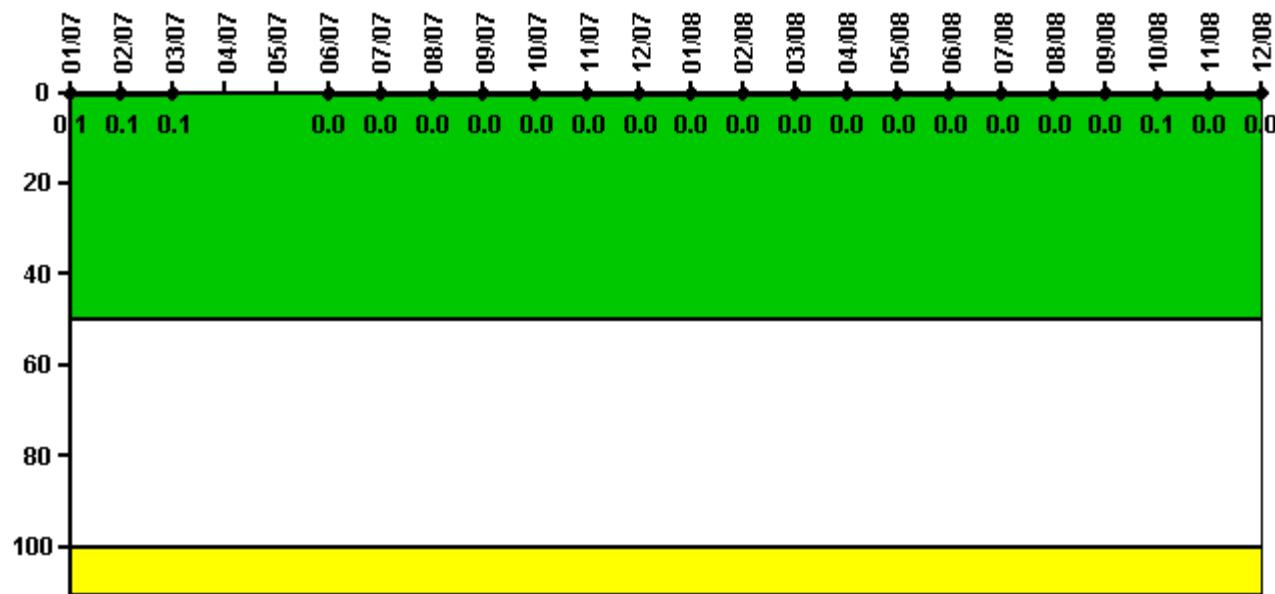
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI (Δ CDF)	-1.60E-07	-1.40E-07	-1.90E-07	-1.90E-07	-7.50E-08	-7.20E-08	6.40E-08	8.20E-08
URI (Δ CDF)	-6.80E-09	-3.10E-09	-4.00E-09	-4.00E-09	-1.00E-08	-1.00E-08	-1.00E-08	-1.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.67E-07	-1.43E-07	-1.94E-07	-1.94E-07	-8.50E-08	-8.20E-08	5.40E-08	7.20E-08

Licensee Comments: none

Reactor Coolant System Activity



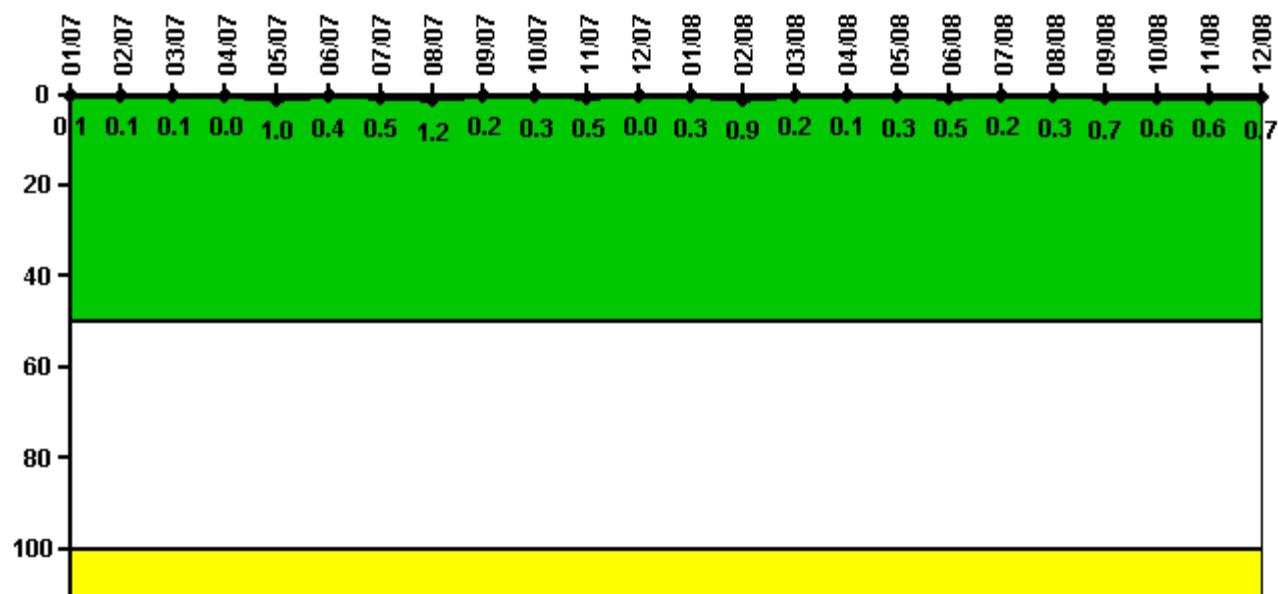
Thresholds: White > 50.0 Yellow > 100.0

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		0.000525	0.000709	0.001150	N/A	N/A	0.000210	0.000402	0.000358	0.000193	0.000314	0.000382	0.000290
Technical specification limit		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value		0.1	0.1	0.1	N/A	N/A	0	0	0	0	0	0	0
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		0.000299	0.000309	0.000341	0.000356	0.000414	0.000347	0.000362	0.000356	0.000400	0.000610	0.000140	0.000250
Technical specification limit		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value		0	0	0	0	0	0	0	0	0	0.1	0	0

Licensee Comments: none

Reactor Coolant System Leakage



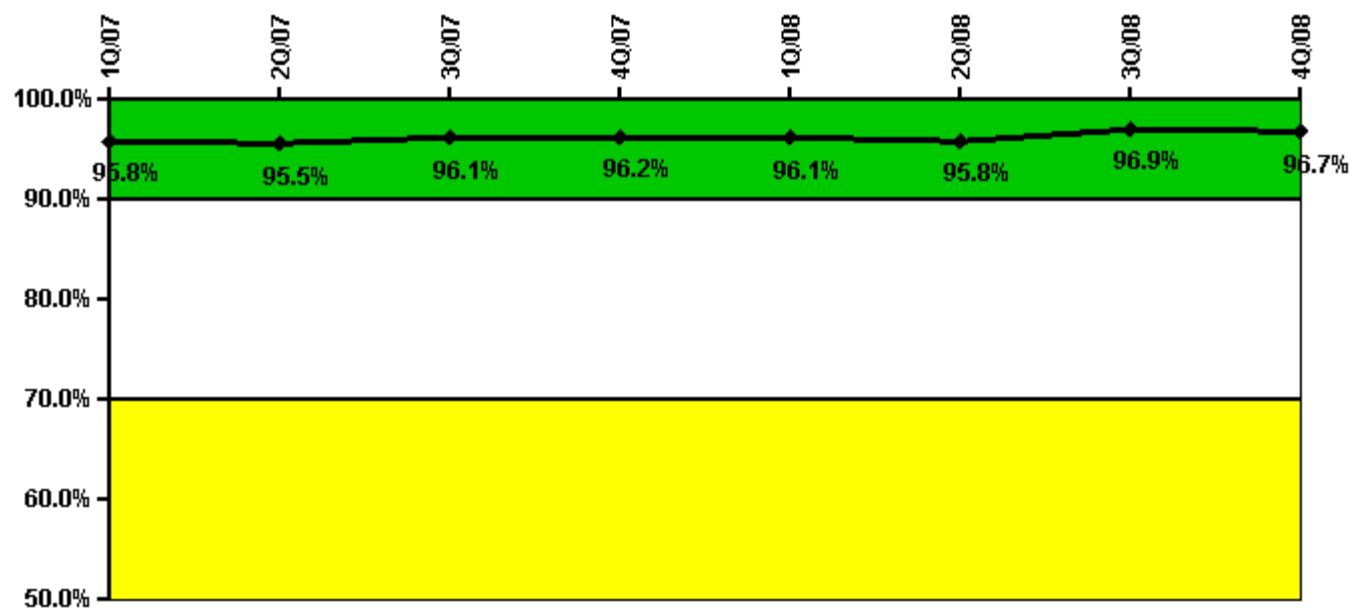
Thresholds: White > 50.0 Yellow > 100.0

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	0.010	0.010	0.013	0	0.103	0.036	0.050	0.120	0.020	0.030	0.045	0.004
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.1	0.1	0	1.0	0.4	0.5	1.2	0.2	0.3	0.5	0
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	0.030	0.088	0.024	0.005	0.030	0.050	0.020	0.030	0.070	0.060	0.060	0.070
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.9	0.2	0.1	0.3	0.5	0.2	0.3	0.7	0.6	0.6	0.7

Licensee Comments: none

Drill/Exercise Performance



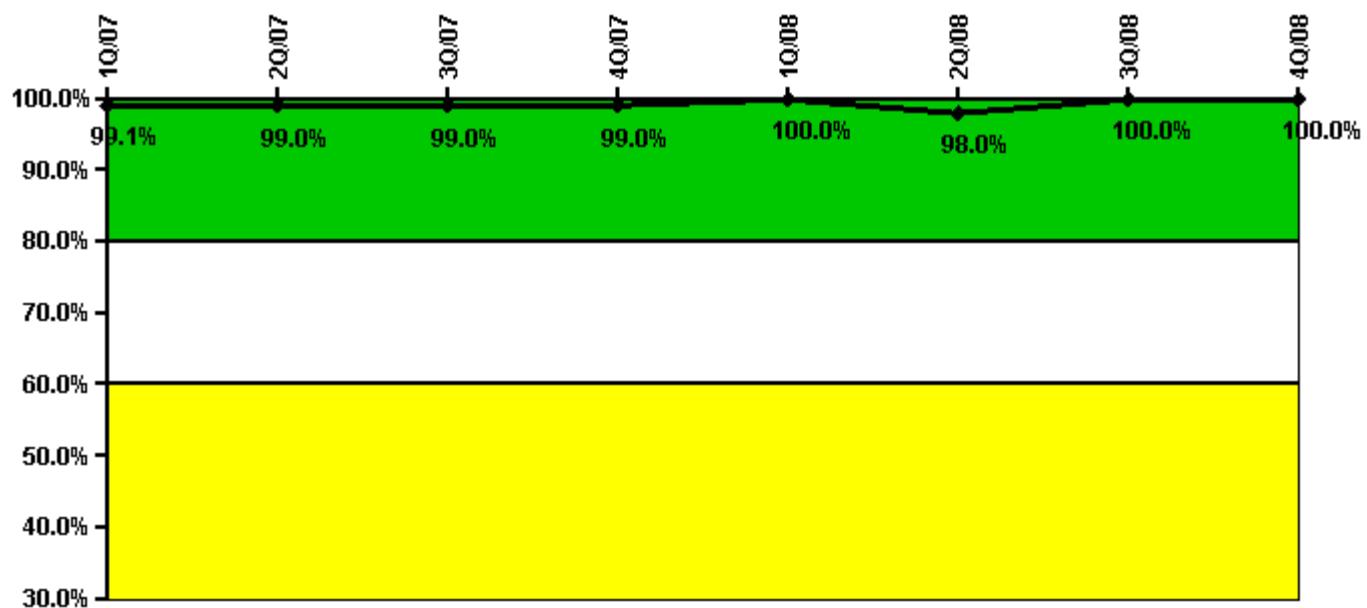
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Successful opportunities	113.0	38.0	88.0	2.0	68.0	48.0	68.0	16.0
Total opportunities	116.0	39.0	90.0	2.0	72.0	51.0	69.0	17.0
Indicator value	95.8%	95.5%	96.1%	96.2%	96.1%	95.8%	96.9%	96.7%

Licensee Comments: none

ERO Drill Participation



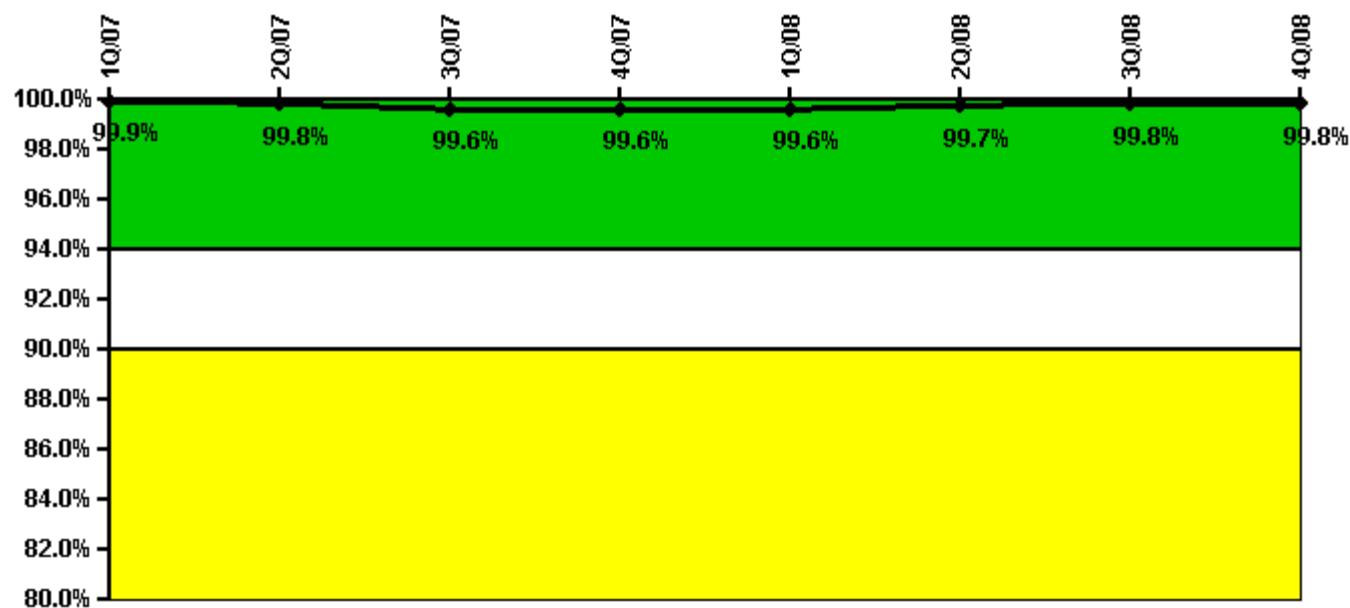
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Participating Key personnel	106.0	101.0	98.0	97.0	101.0	96.0	97.0	105.0
Total Key personnel	107.0	102.0	99.0	98.0	101.0	98.0	97.0	105.0
Indicator value	99.1%	99.0%	99.0%	99.0%	100.0%	98.0%	100.0%	100.0%

Licensee Comments: none

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	719	627	714	719	629	719	627	720
Total sirens-tests	720	630	720	720	630	720	630	720
Indicator value	99.9%	99.8%	99.6%	99.6%	99.6%	99.7%	99.8%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



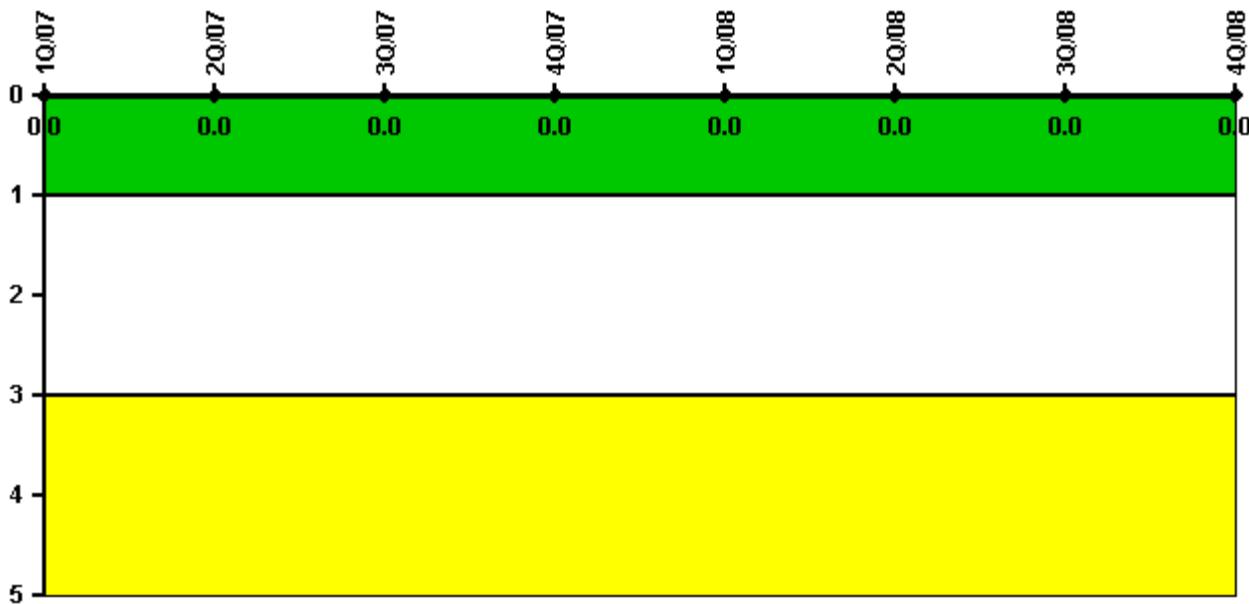
Thresholds: White > 2.0 Yellow > 5.0

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

[Security](#) information not publicly available.



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

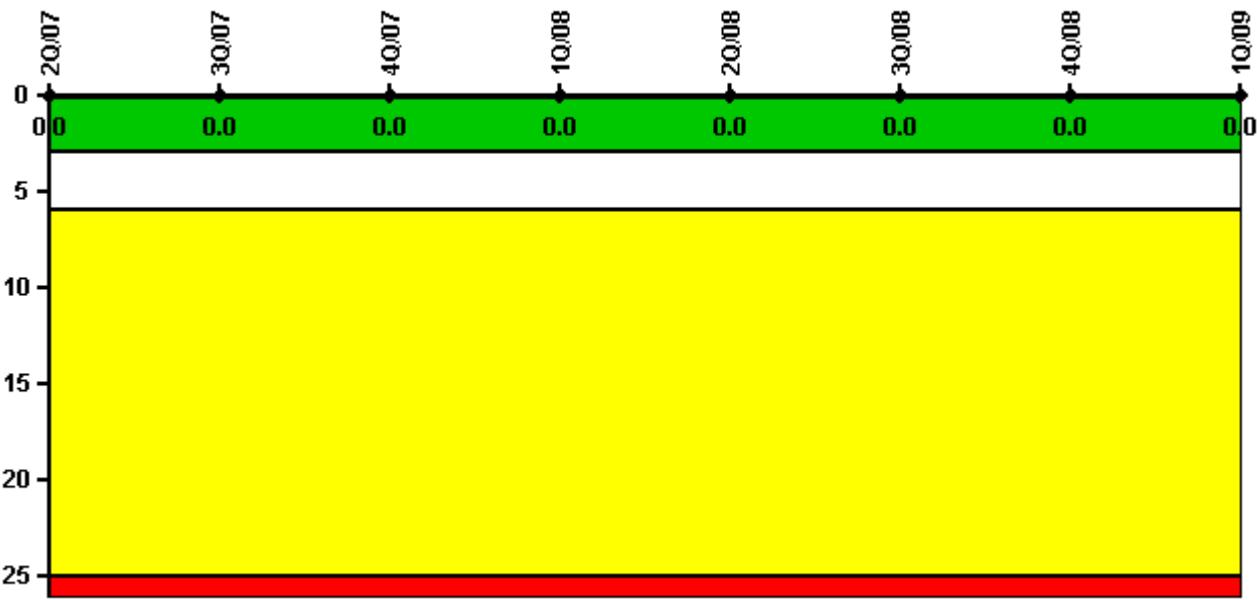
Last Modified: February 4, 2009

Saint Lucie 1

1Q/2009 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



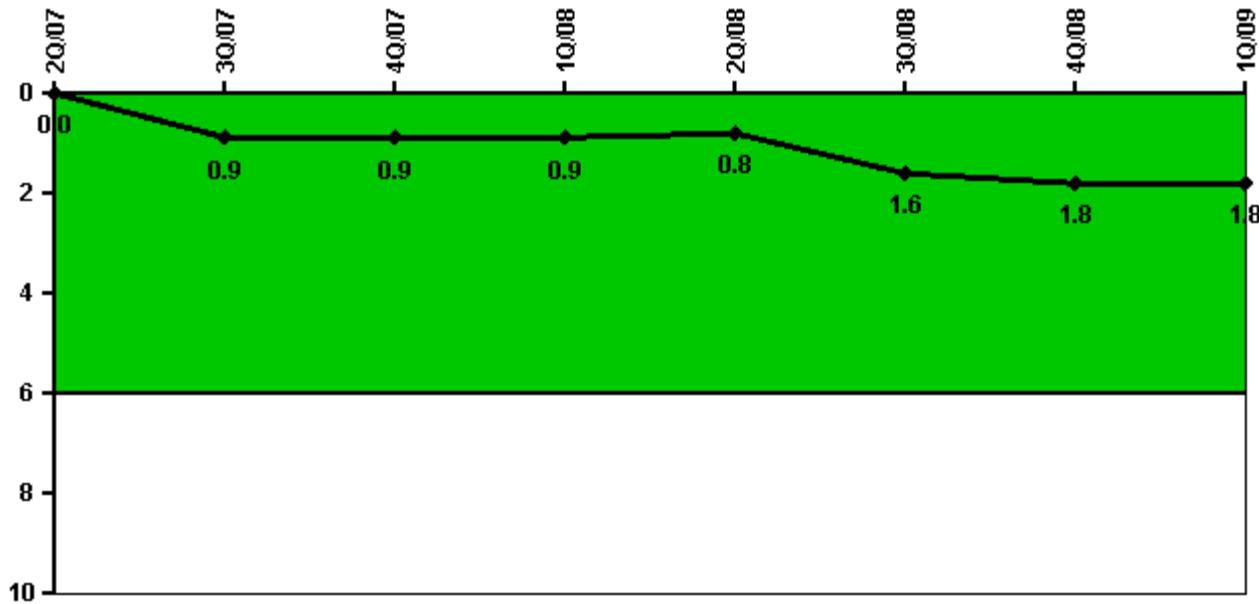
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	871.7	2208.0	2209.0	2183.0	2184.0	2091.3	1443.0	2159.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



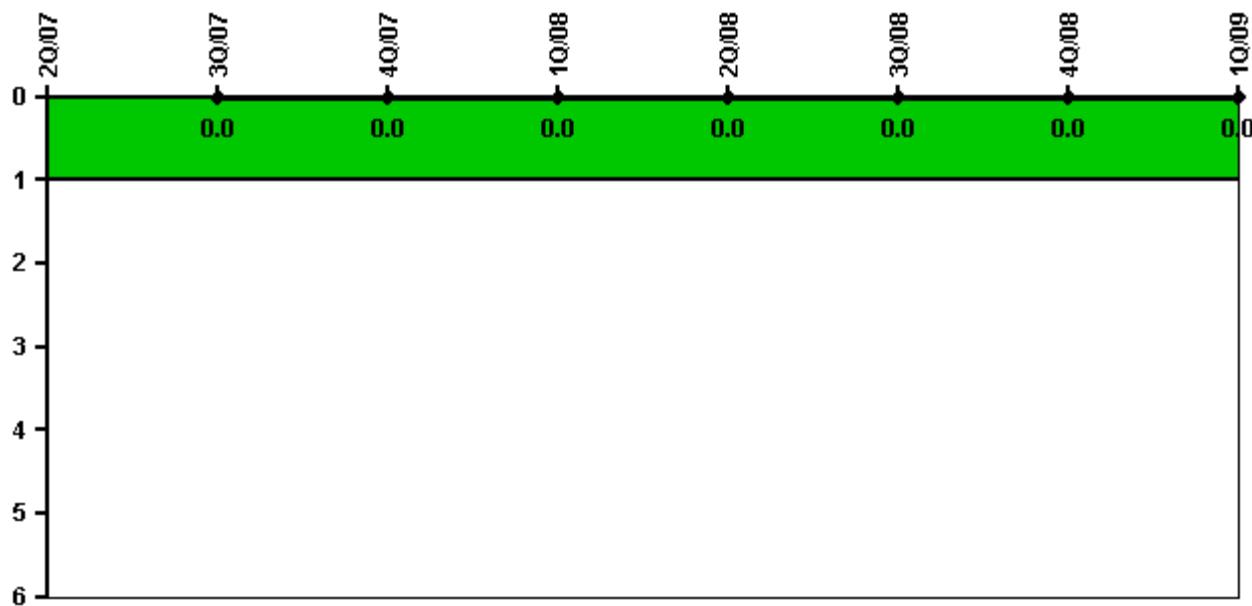
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Unplanned power changes	0	1.0	0	0	0	2.0	0	0
Critical hours	871.7	2208.0	2209.0	2183.0	2184.0	2091.3	1443.0	2159.0
Indicator value	0	0.9	0.9	0.9	0.8	1.6	1.8	1.8

Licensee Comments: none

Unplanned Scrams with Complications



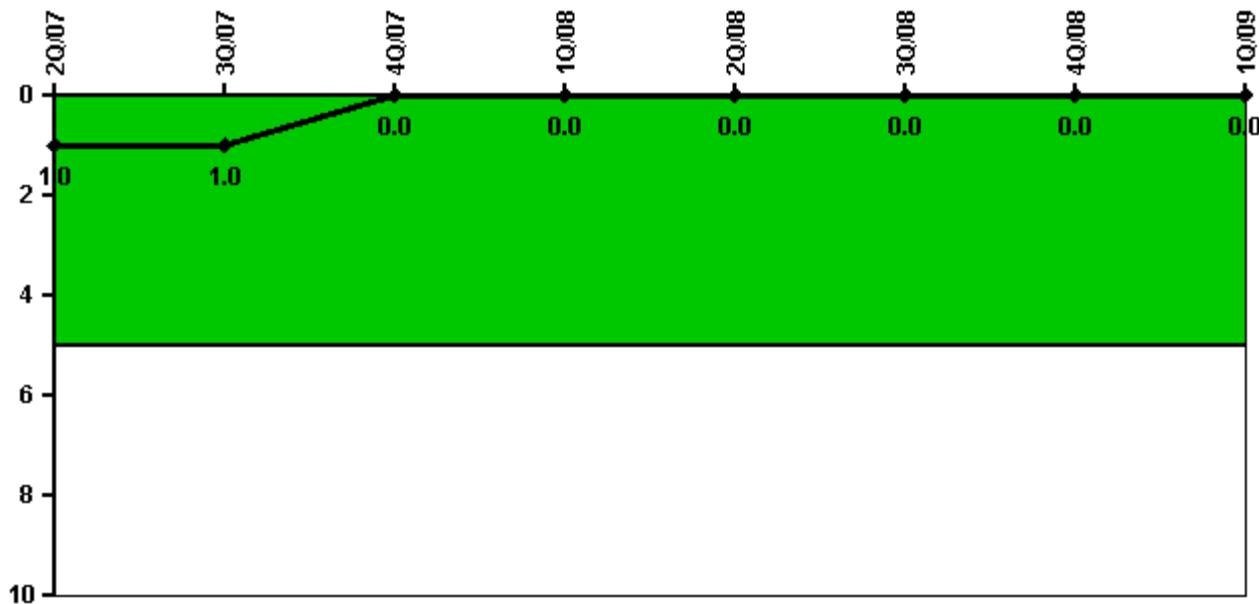
Thresholds: White > 1.0

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

Safety System Functional Failures (PWR)



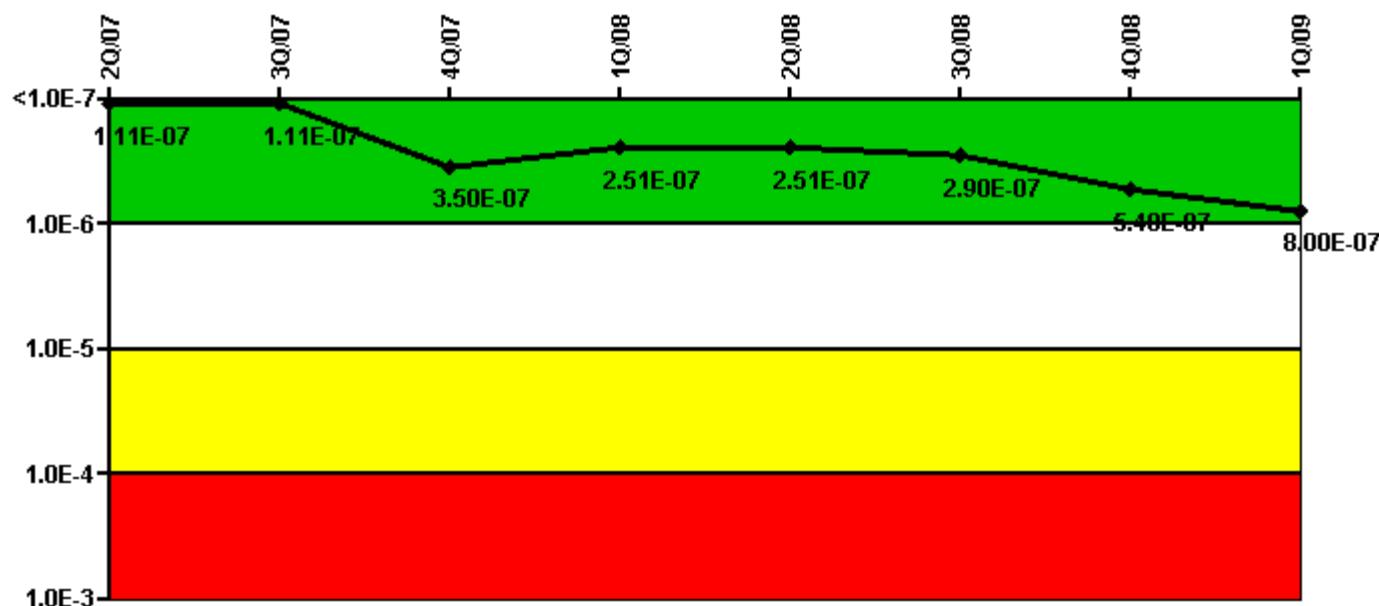
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	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	1	1	0	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



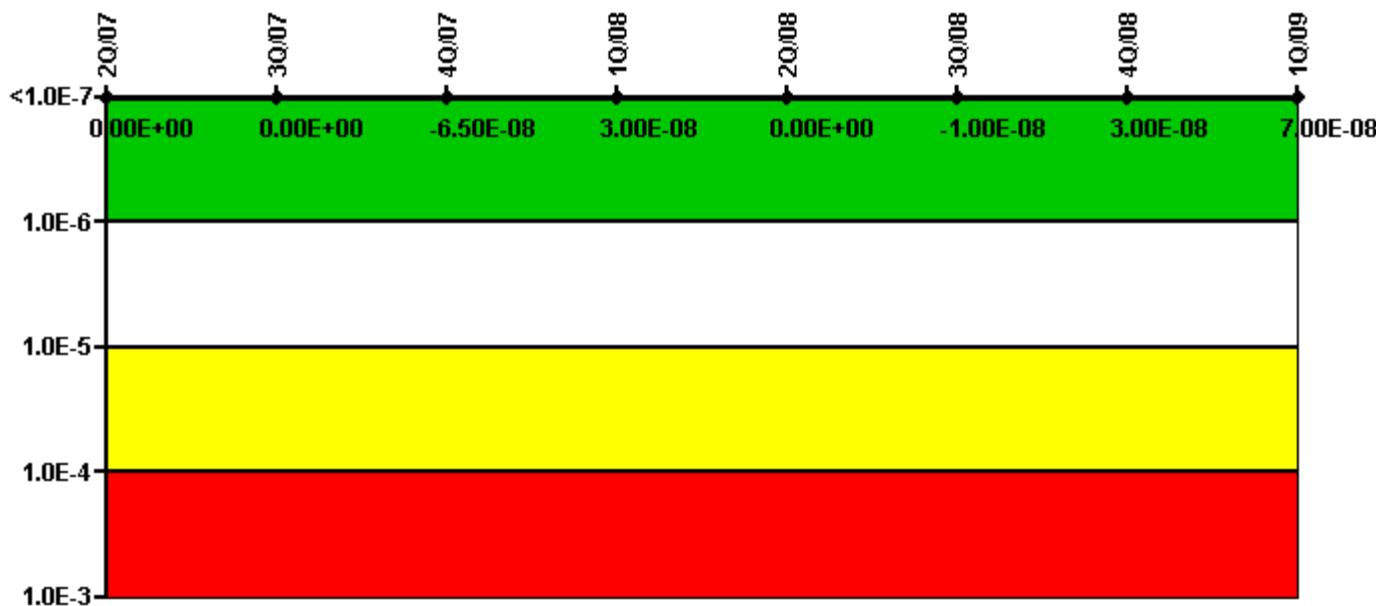
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI (Δ CDF)	1.10E-07	1.10E-07	1.40E-07	9.10E-08	9.10E-08	1.30E-07	1.20E-07	1.70E-07
URI (Δ CDF)	1.30E-09	1.30E-09	2.10E-07	1.60E-07	1.60E-07	1.60E-07	4.20E-07	6.30E-07
PLE	NO							
Indicator value	1.11E-07	1.11E-07	3.50E-07	2.51E-07	2.51E-07	2.90E-07	5.40E-07	8.00E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



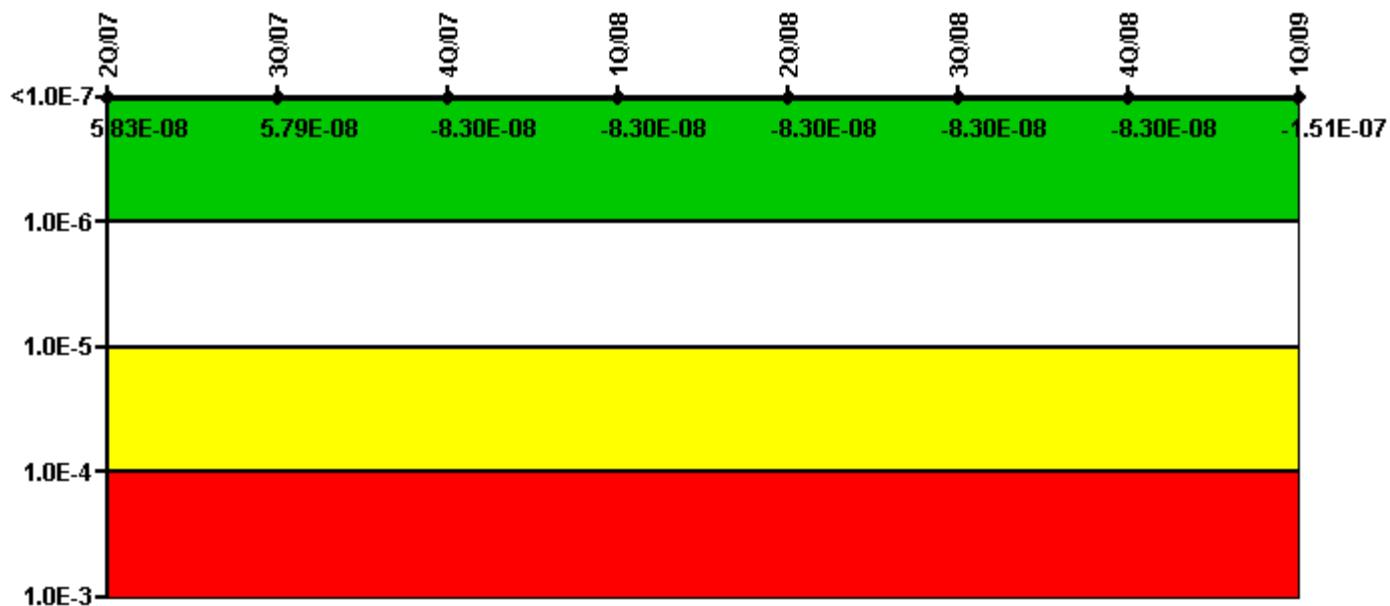
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI (Δ CDF)	1.10E-07	1.10E-07	4.50E-08	1.40E-07	1.10E-07	1.00E-07	1.40E-07	1.80E-07
URI (Δ CDF)	-1.10E-07							
PLE	NO							
Indicator value	0.00E+00	0.00E+00	-6.50E-08	3.00E-08	0.00E+00	-1.00E-08	3.00E-08	7.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



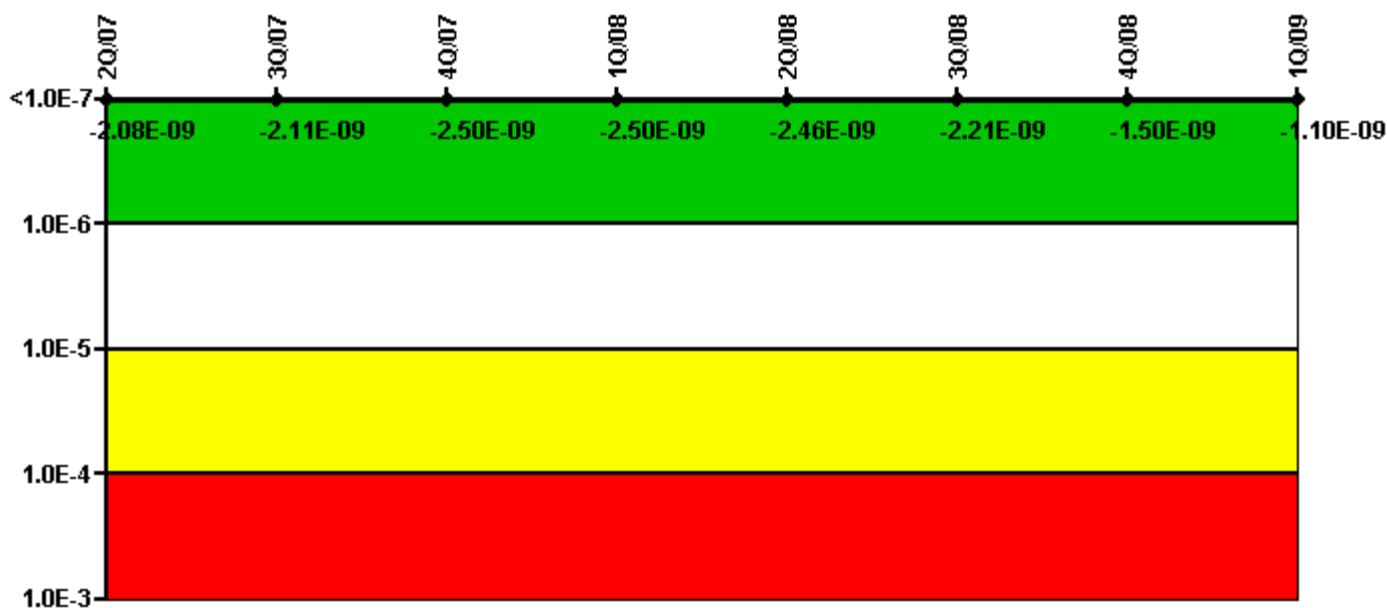
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI (Δ CDF)	-2.70E-09	-3.10E-09	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08	-3.10E-08
URI (Δ CDF)	6.10E-08	6.10E-08	-7.10E-08	-7.10E-08	-7.10E-08	-7.10E-08	-7.10E-08	-1.20E-07
PLE	NO							
Indicator value	5.83E-08	5.79E-08	-8.30E-08	-8.30E-08	-8.30E-08	-8.30E-08	-8.30E-08	-1.51E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



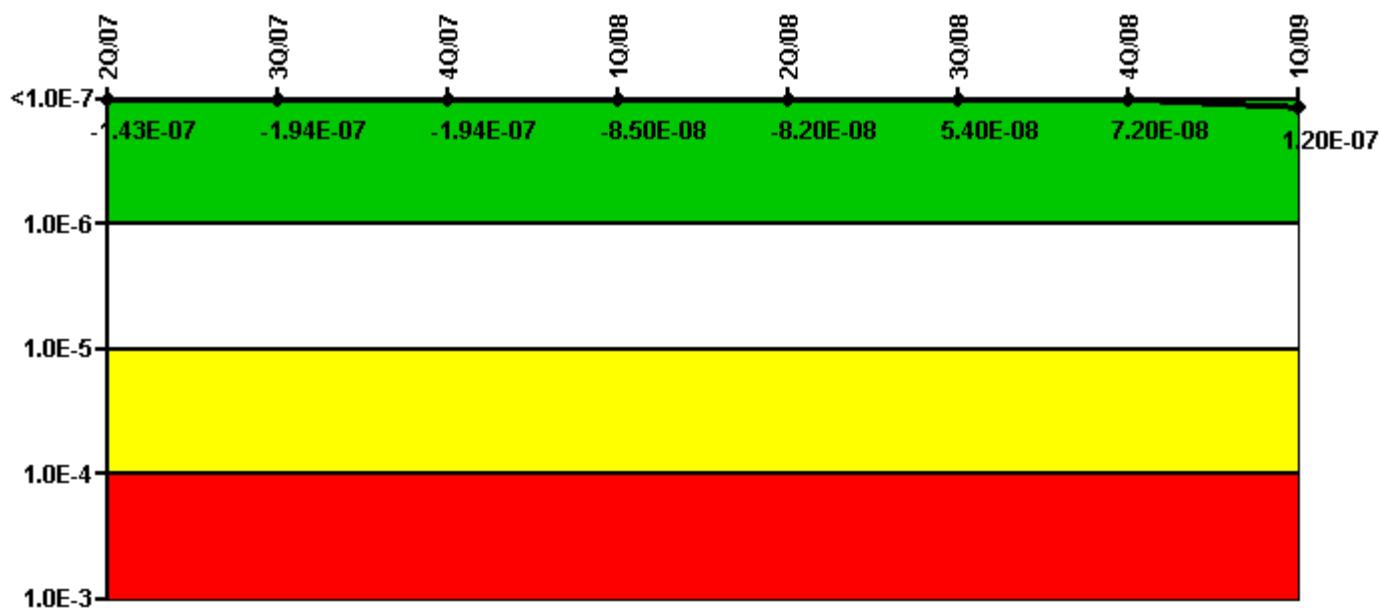
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (Δ CDF)	4.20E-10	3.90E-10	2.90E-12	2.20E-12	4.20E-11	2.90E-10	1.00E-09	1.40E-09
URI (Δ CDF)	-2.50E-09							
PLE	NO							
Indicator value	-2.08E-09	-2.11E-09	-2.50E-09	-2.50E-09	-2.46E-09	-2.21E-09	-1.50E-09	-1.10E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



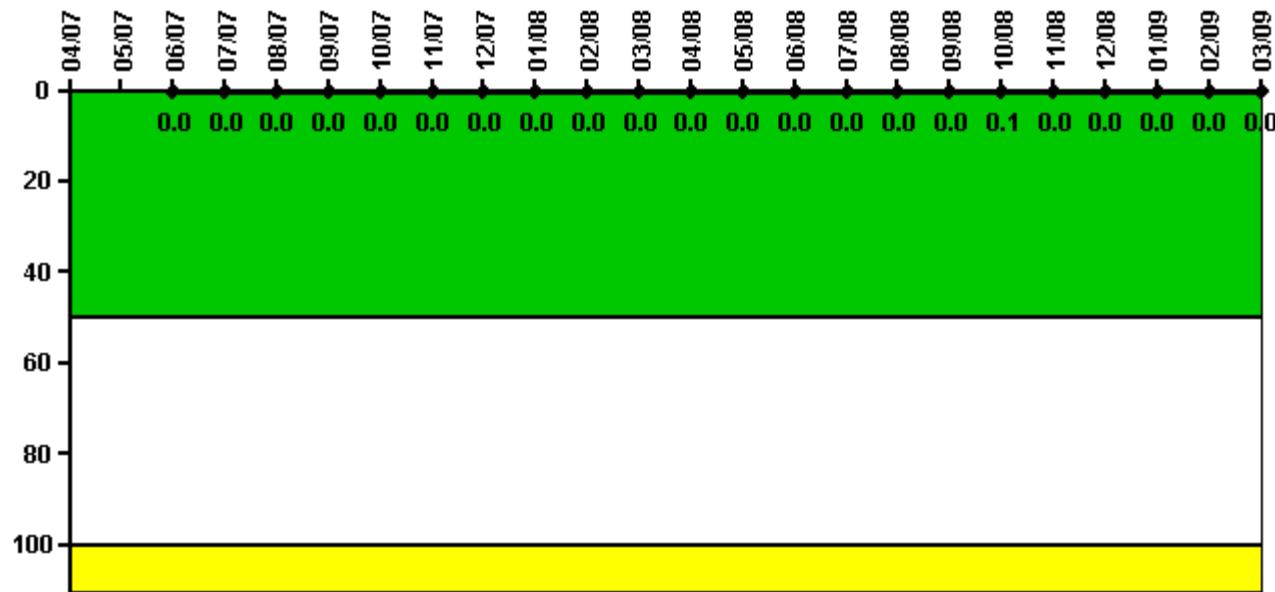
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (Δ CDF)	-1.40E-07	-1.90E-07	-1.90E-07	-7.50E-08	-7.20E-08	6.40E-08	8.20E-08	1.30E-07
URI (Δ CDF)	-3.10E-09	-4.00E-09	-4.00E-09	-1.00E-08	-1.00E-08	-1.00E-08	-1.00E-08	-1.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.43E-07	-1.94E-07	-1.94E-07	-8.50E-08	-8.20E-08	5.40E-08	7.20E-08	1.20E-07

Licensee Comments: none

Reactor Coolant System Activity



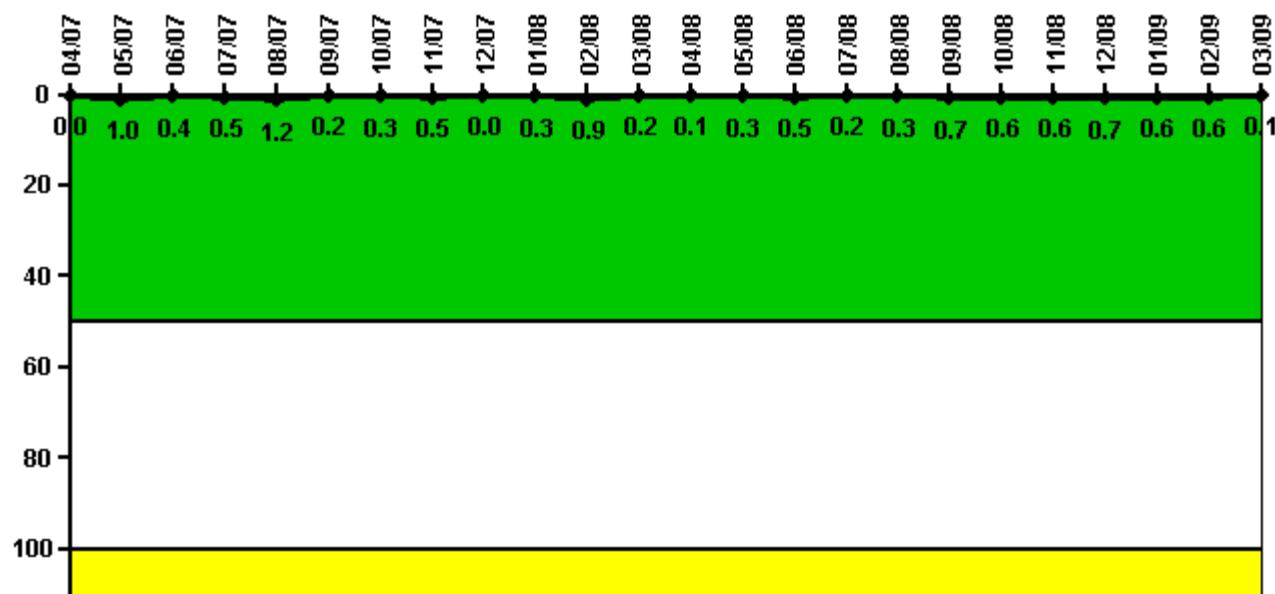
Thresholds: White > 50.0 Yellow > 100.0

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		N/A	N/A	0.000210	0.000402	0.000358	0.000193	0.000314	0.000382	0.000290	0.000299	0.000309	0.000341
Technical specification limit		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value		N/A	N/A	0	0	0	0	0	0	0	0	0	0
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	0.000356	0.000414	0.000347	0.000362	0.000356	0.000400	0.000610	0.000140	0.000250	0.000252	0.000273	0.000277	
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
Indicator value	0	0	0	0	0	0	0	0.1	0	0	0	0	

Licensee Comments: none

Reactor Coolant System Leakage



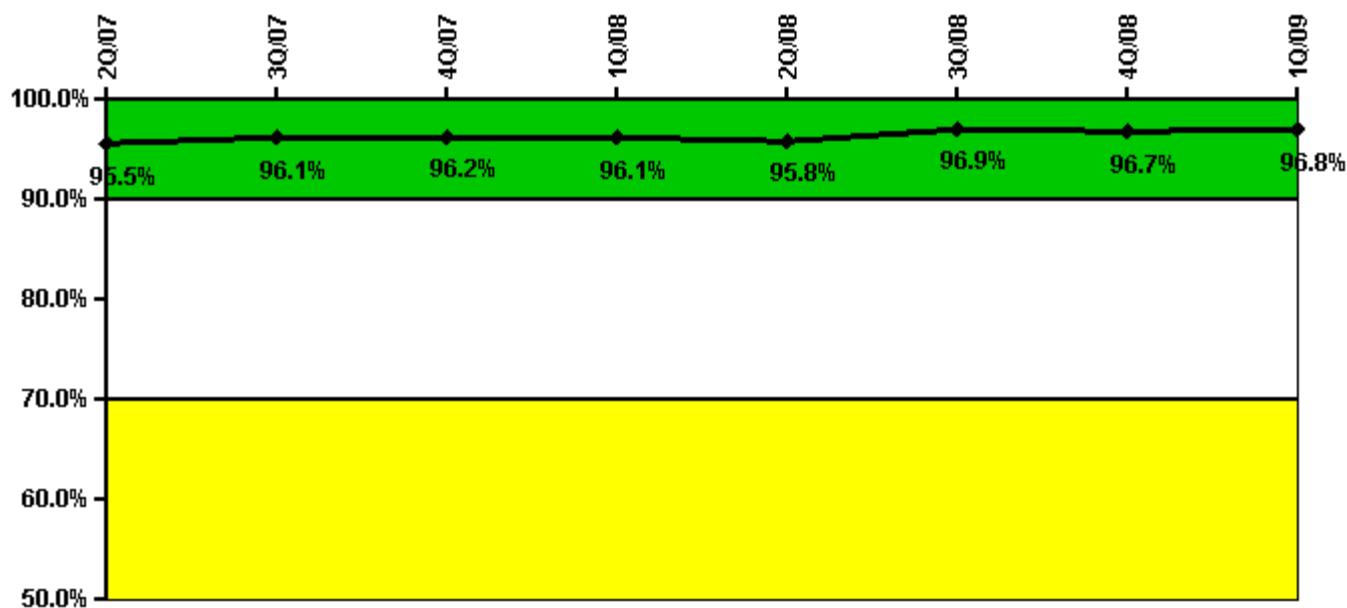
Thresholds: White > 50.0 Yellow > 100.0

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	0	0.103	0.036	0.050	0.120	0.020	0.030	0.045	0.004	0.030	0.088	0.024
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	1.0	0.4	0.5	1.2	0.2	0.3	0.5	0	0.3	0.9	0.2
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	0.005	0.030	0.050	0.020	0.030	0.070	0.060	0.060	0.070	0.060	0.060	0.010
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.3	0.5	0.2	0.3	0.7	0.6	0.6	0.7	0.6	0.6	0.1

Licensee Comments: none

Drill/Exercise Performance



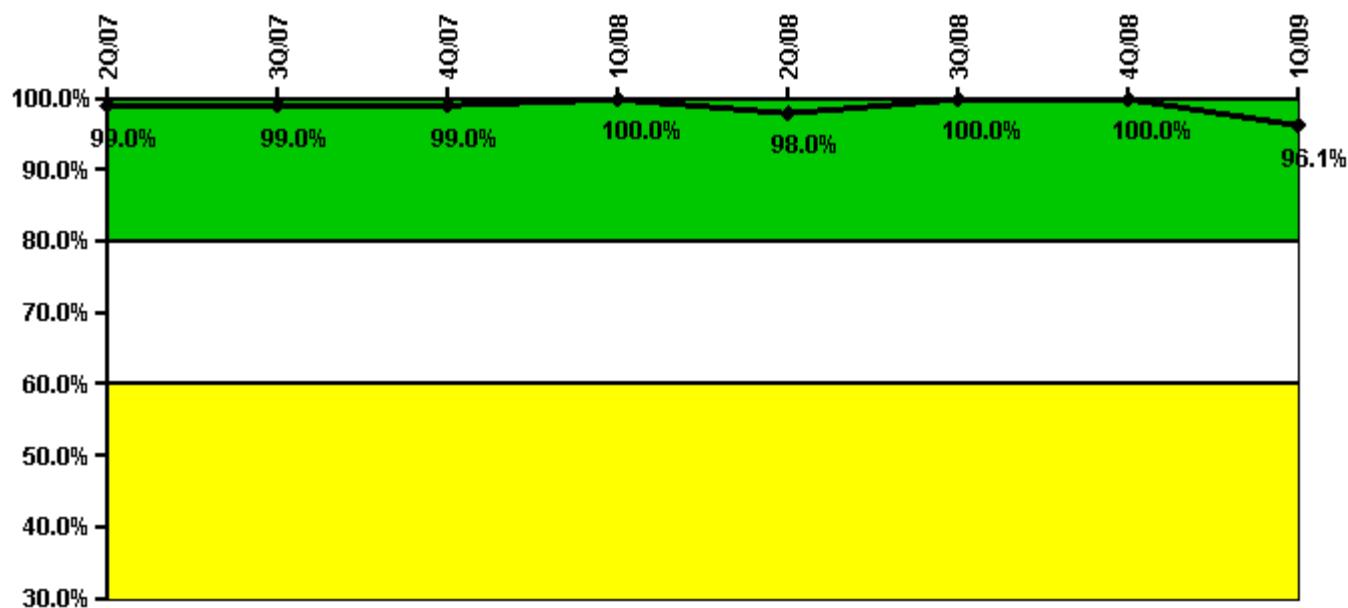
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Successful opportunities	38.0	88.0	2.0	68.0	48.0	68.0	16.0	39.0
Total opportunities	39.0	90.0	2.0	72.0	51.0	69.0	17.0	39.0
Indicator value	95.5%	96.1%	96.2%	96.1%	95.8%	96.9%	96.7%	96.8%

Licensee Comments: none

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

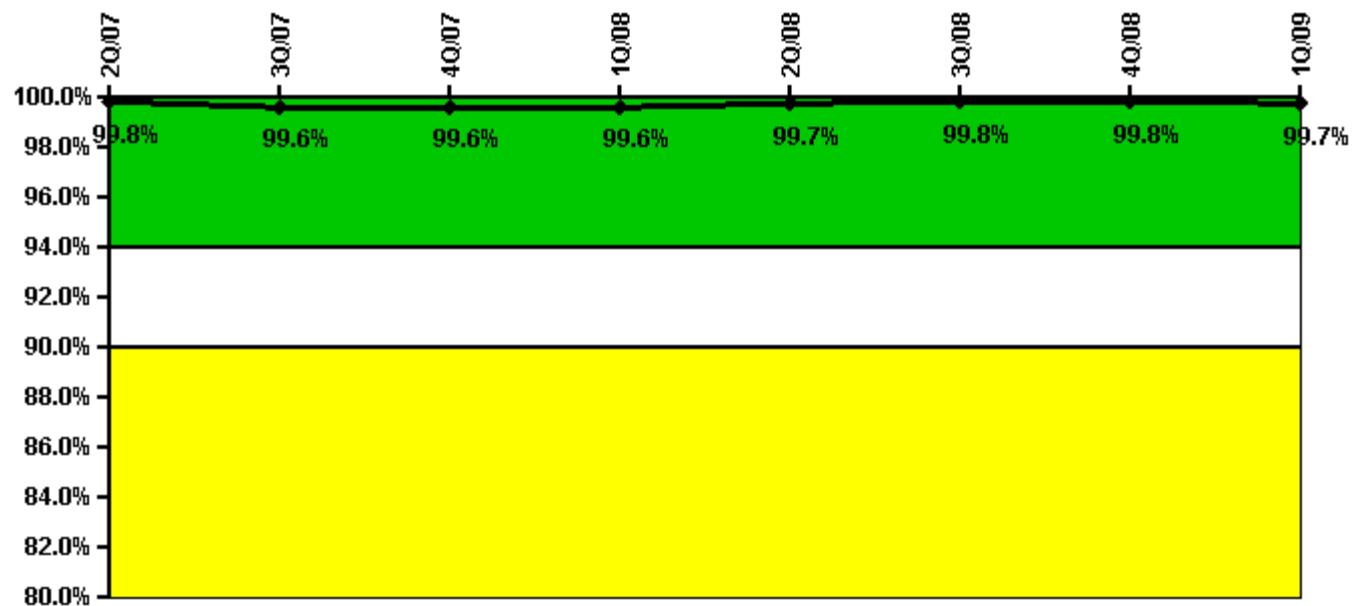
Notes

ERO Drill Participation	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Participating Key personnel	101.0	98.0	97.0	101.0	96.0	97.0	103.0	99.0
Total Key personnel	102.0	99.0	98.0	101.0	98.0	97.0	103.0	103.0
Indicator value	99.0%	99.0%	99.0%	100.0%	98.0%	100.0%	100.0%	96.1%

Licensee Comments:

4Q/08: Correction made to ERO Drill Participation data from participating and total key personnel for month of Dec from 105 to 103.

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	627	714	719	629	719	627	720	626
Total sirens-tests	630	720	720	630	720	630	720	630
Indicator value	99.8%	99.6%	99.6%	99.6%	99.7%	99.8%	99.8%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



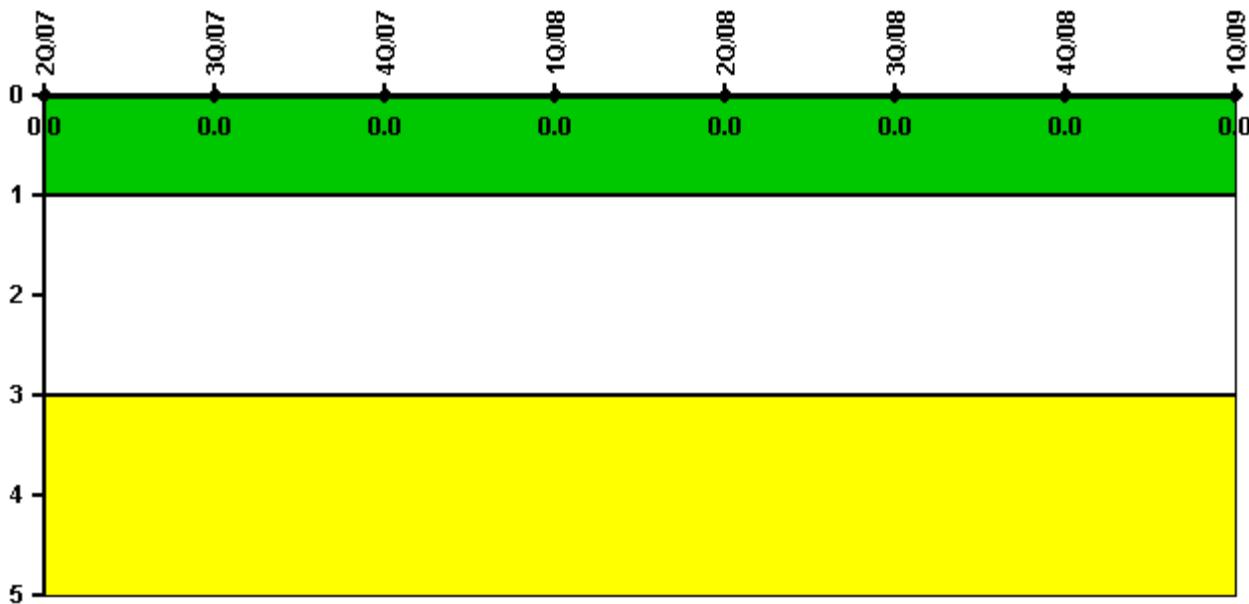
Thresholds: White > 2.0 Yellow > 5.0

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

[Security](#) information not publicly available.



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

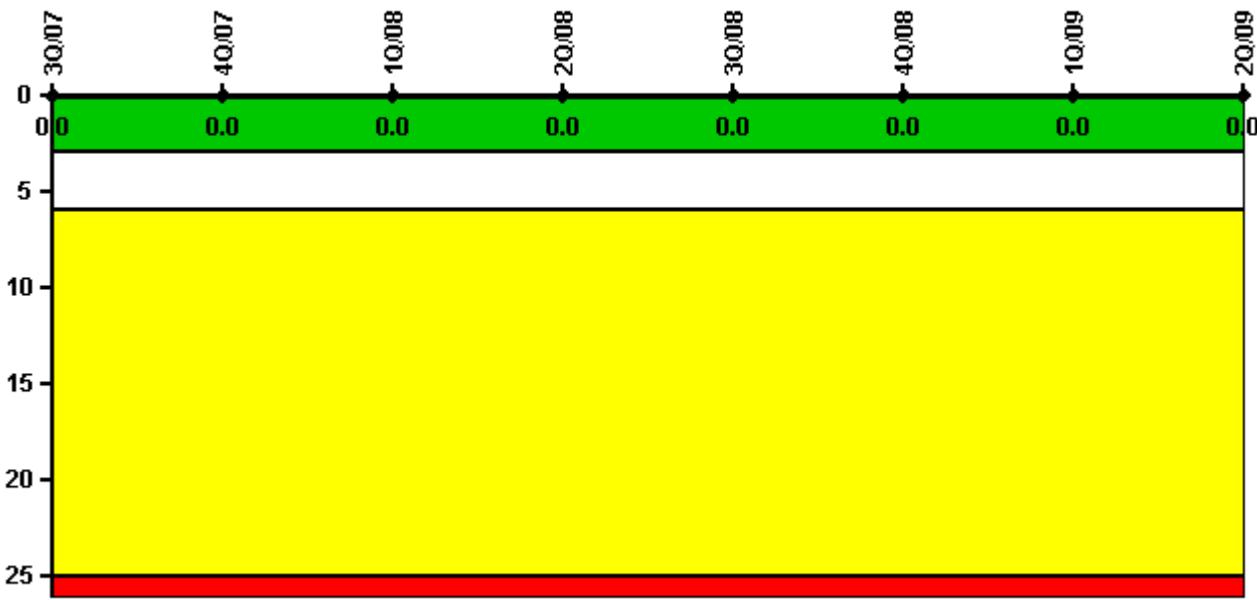
Last Modified: May 1, 2009

Saint Lucie 1

2Q/2009 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



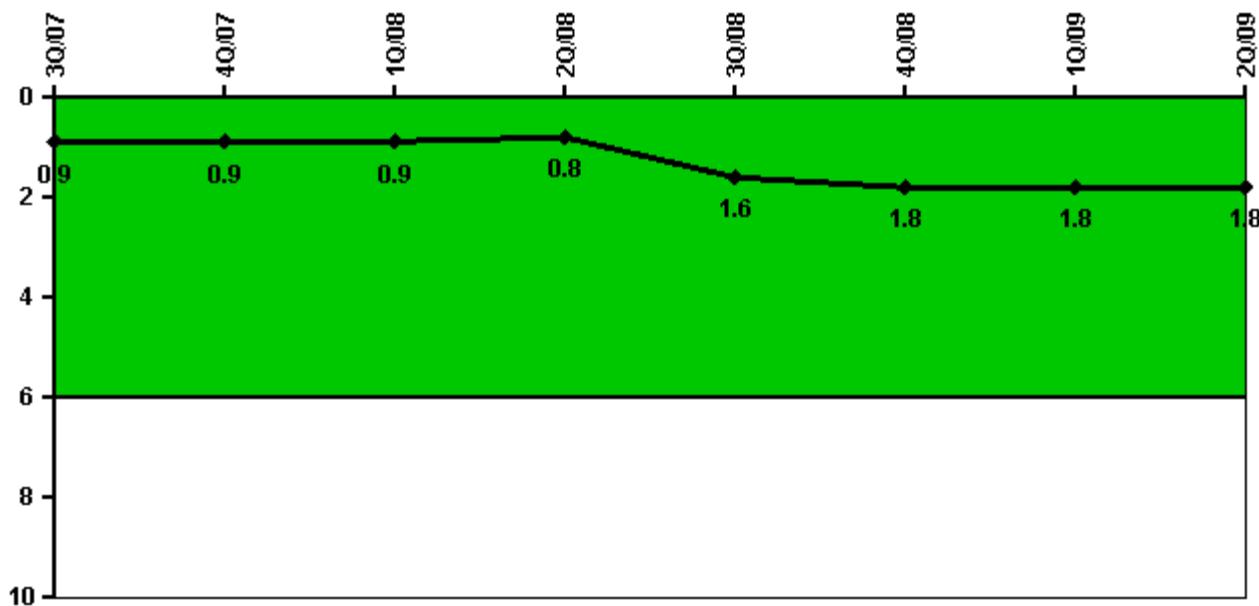
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	0
Critical hours	2208.0	2209.0	2183.0	2184.0	2091.3	1443.0	2159.0	2184.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



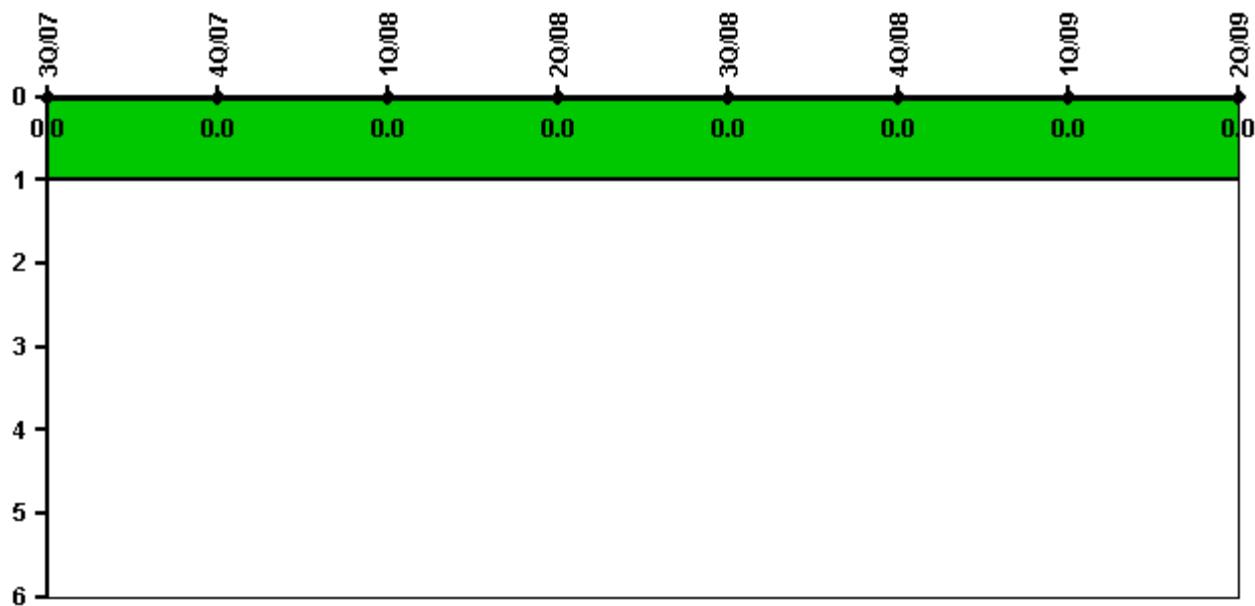
Thresholds: White > 6.0

Notes

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	1.0	0	0	0	2.0	0	0	0
Critical hours	2208.0	2209.0	2183.0	2184.0	2091.3	1443.0	2159.0	2184.0
Indicator value	0.9	0.9	0.9	0.8	1.6	1.8	1.8	1.8

Licensee Comments: none

Unplanned Scrams with Complications



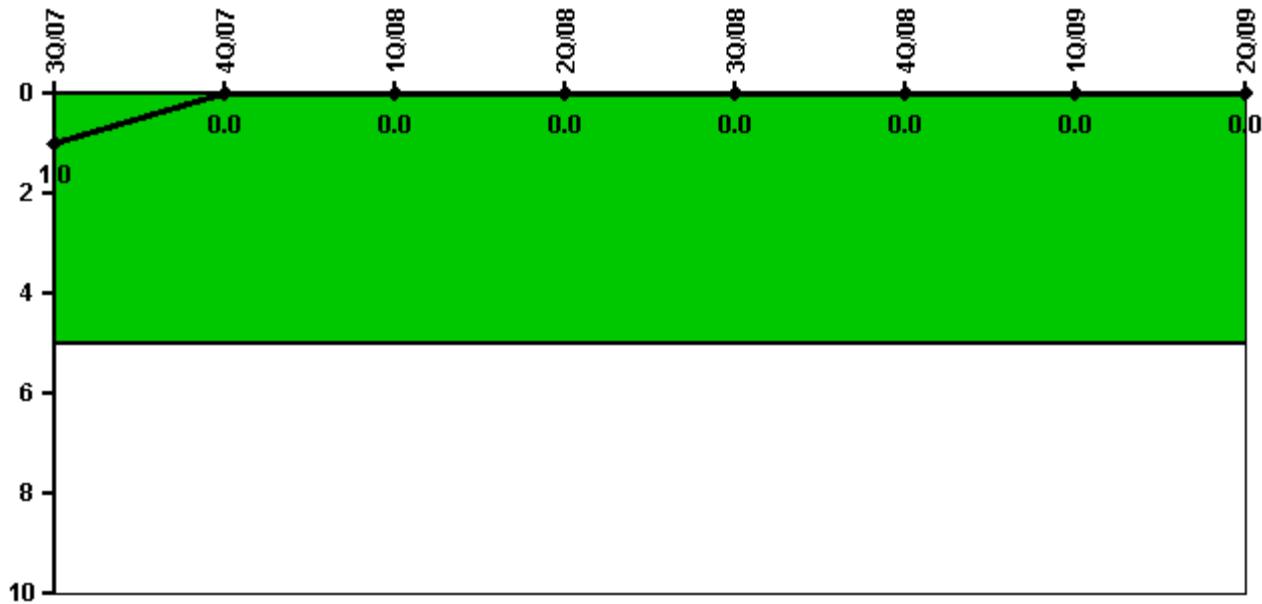
Thresholds: White > 1.0

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

Safety System Functional Failures (PWR)



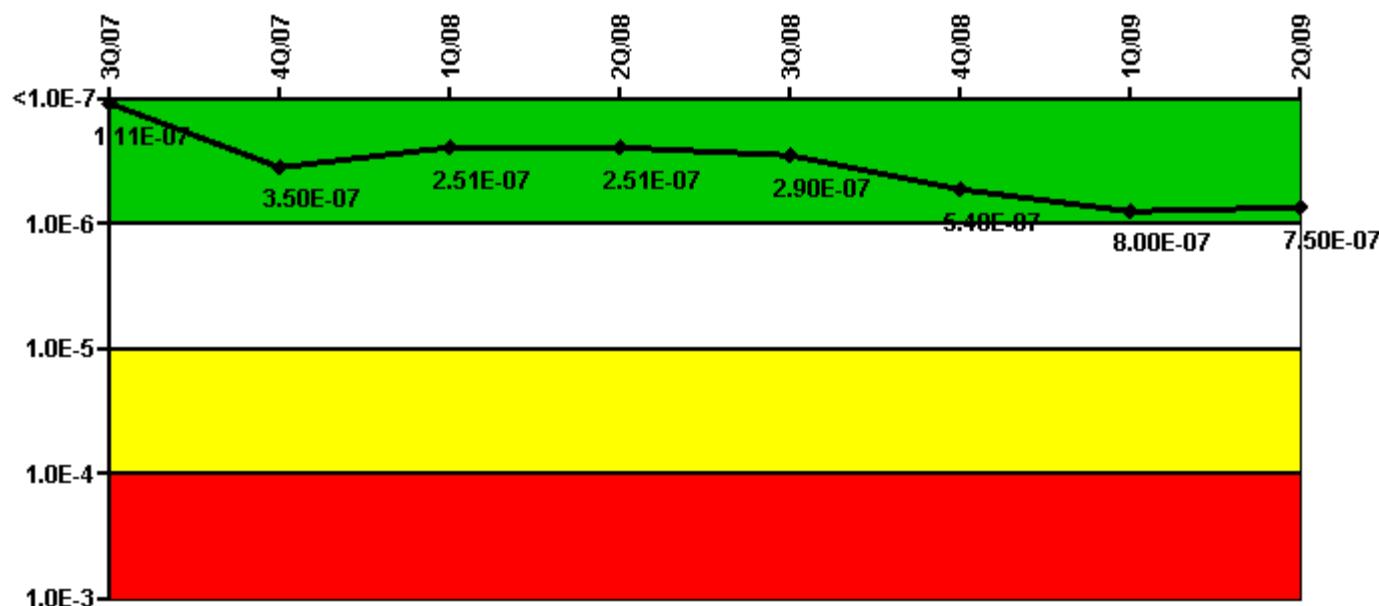
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	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	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/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
UAI (Δ CDF)	1.10E-07	1.40E-07	9.10E-08	9.10E-08	1.30E-07	1.20E-07	1.70E-07	1.70E-07
URI (Δ CDF)	1.30E-09	2.10E-07	1.60E-07	1.60E-07	1.60E-07	4.20E-07	6.30E-07	5.80E-07
PLE	NO							
Indicator value	1.11E-07	3.50E-07	2.51E-07	2.51E-07	2.90E-07	5.40E-07	8.00E-07	7.50E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



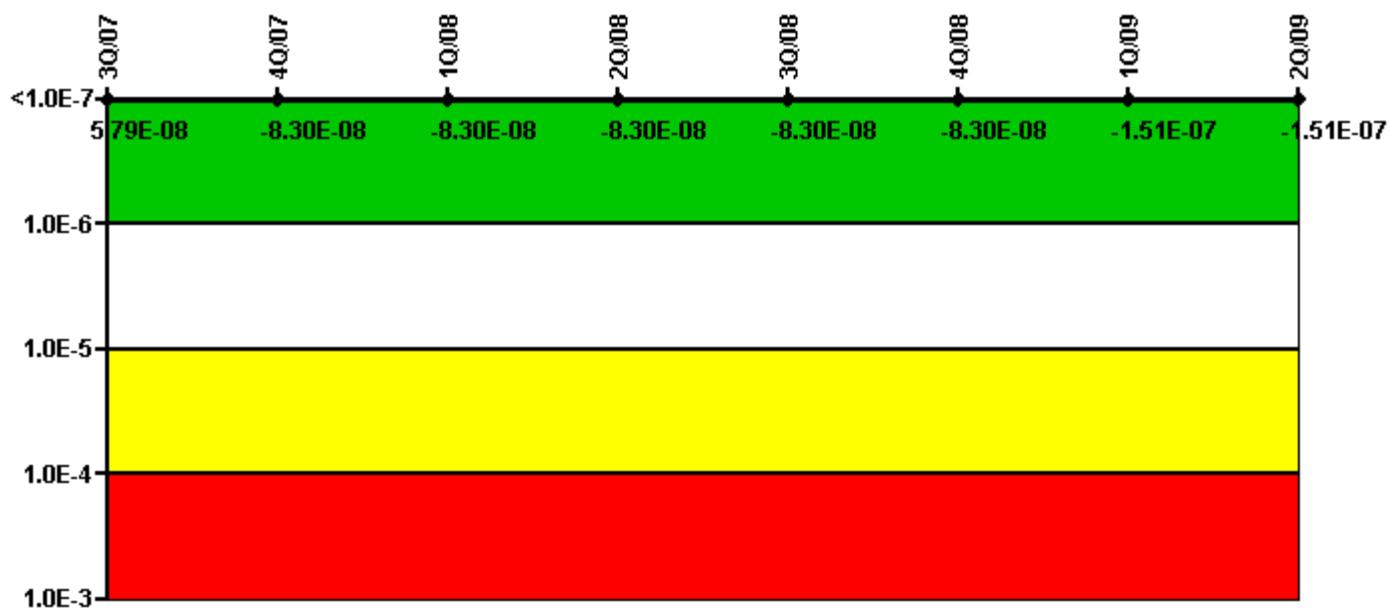
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (Δ CDF)	1.10E-07	4.50E-08	1.40E-07	1.10E-07	1.00E-07	1.40E-07	1.80E-07	1.50E-07
URI (Δ CDF)		-1.10E-07						
PLE		NO						
Indicator value		0.00E+00	-6.50E-08	3.00E-08	0.00E+00	-1.00E-08	3.00E-08	7.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



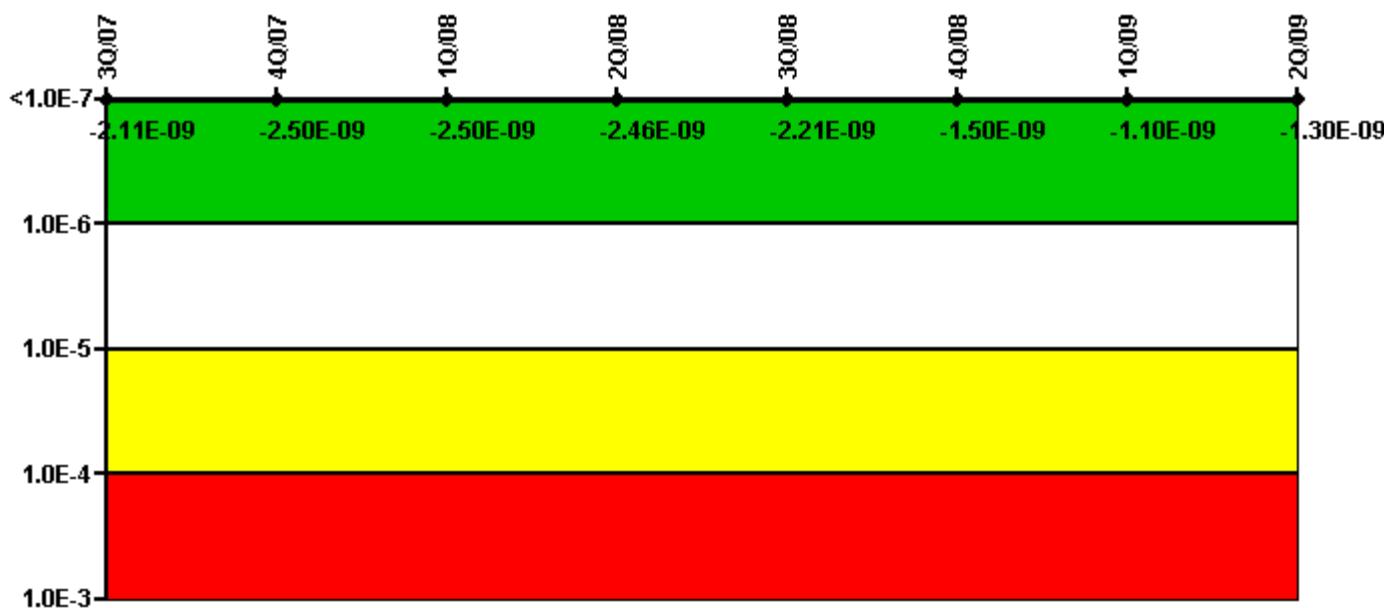
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
UAI (Δ CDF)	-3.10E-09	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08	-3.10E-08	-3.10E-08
URI (Δ CDF)	6.10E-08	-7.10E-08	-7.10E-08	-7.10E-08	-7.10E-08	-7.10E-08	-1.20E-07	-1.20E-07
PLE	NO							
Indicator value	5.79E-08	-8.30E-08	-8.30E-08	-8.30E-08	-8.30E-08	-8.30E-08	-1.51E-07	-1.51E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



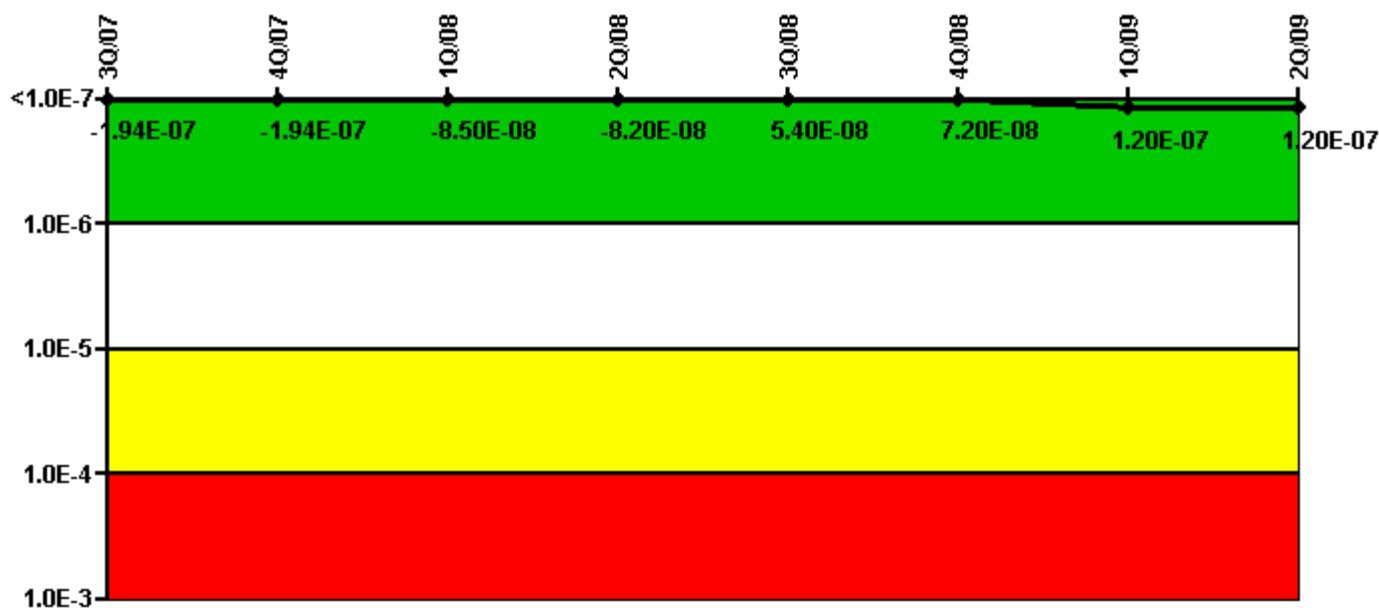
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

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 (Δ CDF)	3.90E-10	2.90E-12	2.20E-12	4.20E-11	2.90E-10	1.00E-09	1.40E-09	1.20E-09
URI (Δ CDF)	-2.50E-09							
PLE	NO							
Indicator value	-2.11E-09	-2.50E-09	-2.50E-09	-2.46E-09	-2.21E-09	-1.50E-09	-1.10E-09	-1.30E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



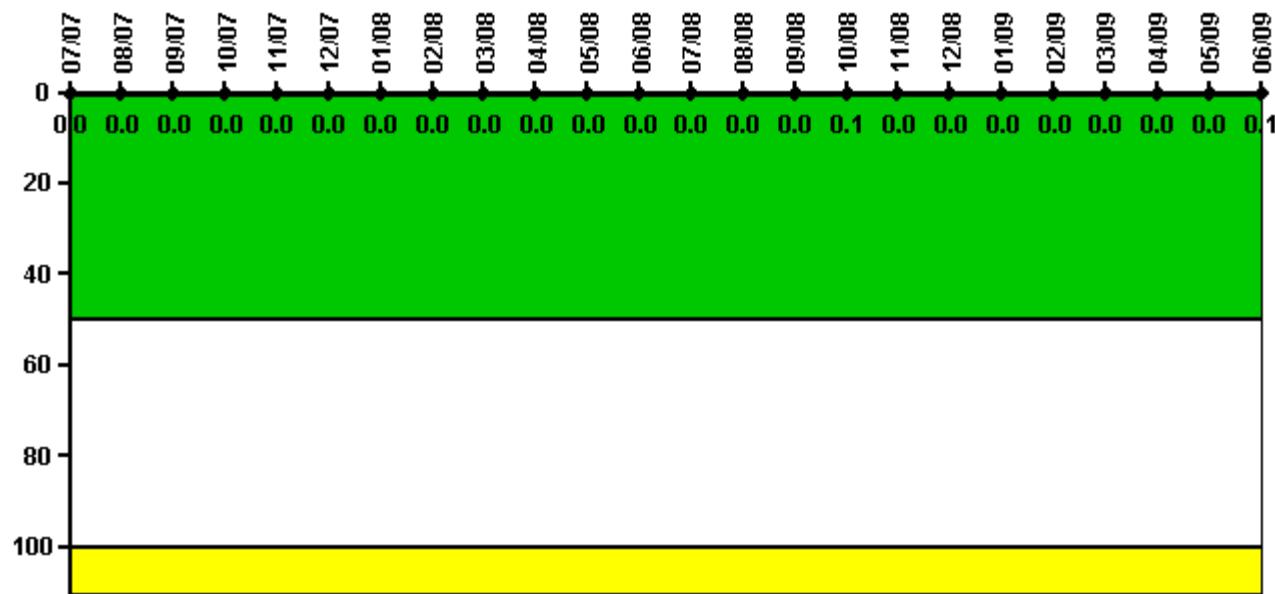
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
UAI (Δ CDF)	-1.90E-07	-1.90E-07	-7.50E-08	-7.20E-08	6.40E-08	8.20E-08	1.30E-07	1.30E-07
URI (Δ CDF)	-4.00E-09	-4.00E-09	-1.00E-08	-1.00E-08	-1.00E-08	-1.00E-08	-1.00E-08	-1.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.94E-07	-1.94E-07	-8.50E-08	-8.20E-08	5.40E-08	7.20E-08	1.20E-07	1.20E-07

Licensee Comments: none

Reactor Coolant System Activity

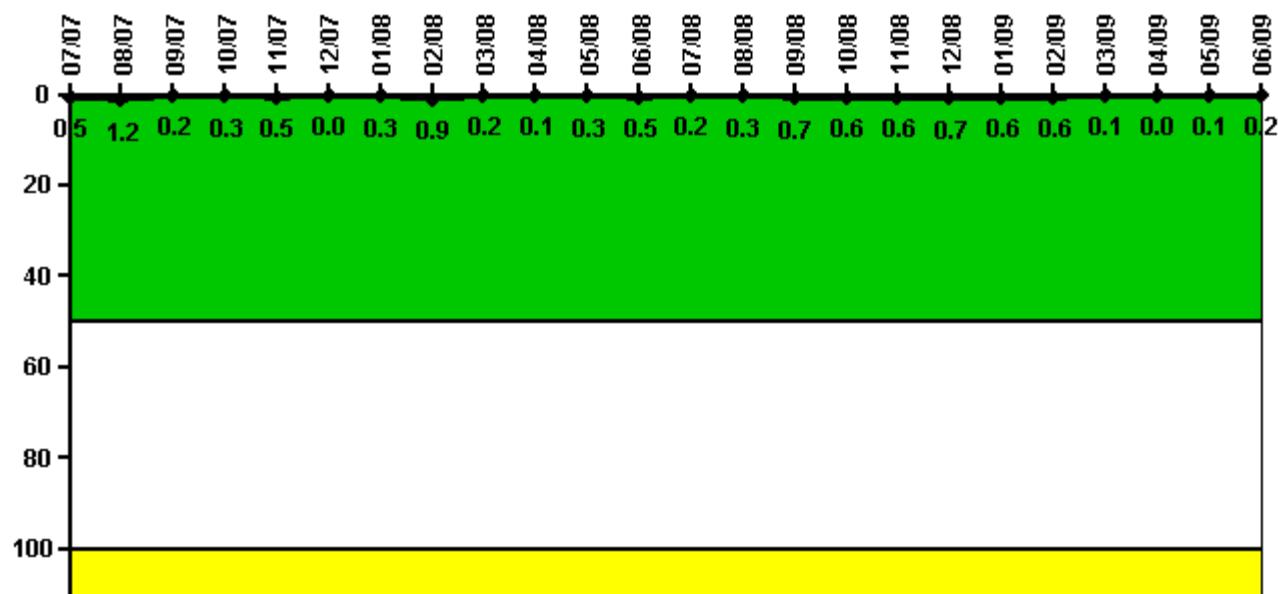


Thresholds: White > 50.0 Yellow > 100.0

Notes

Licensee Comments: none

Reactor Coolant System Leakage



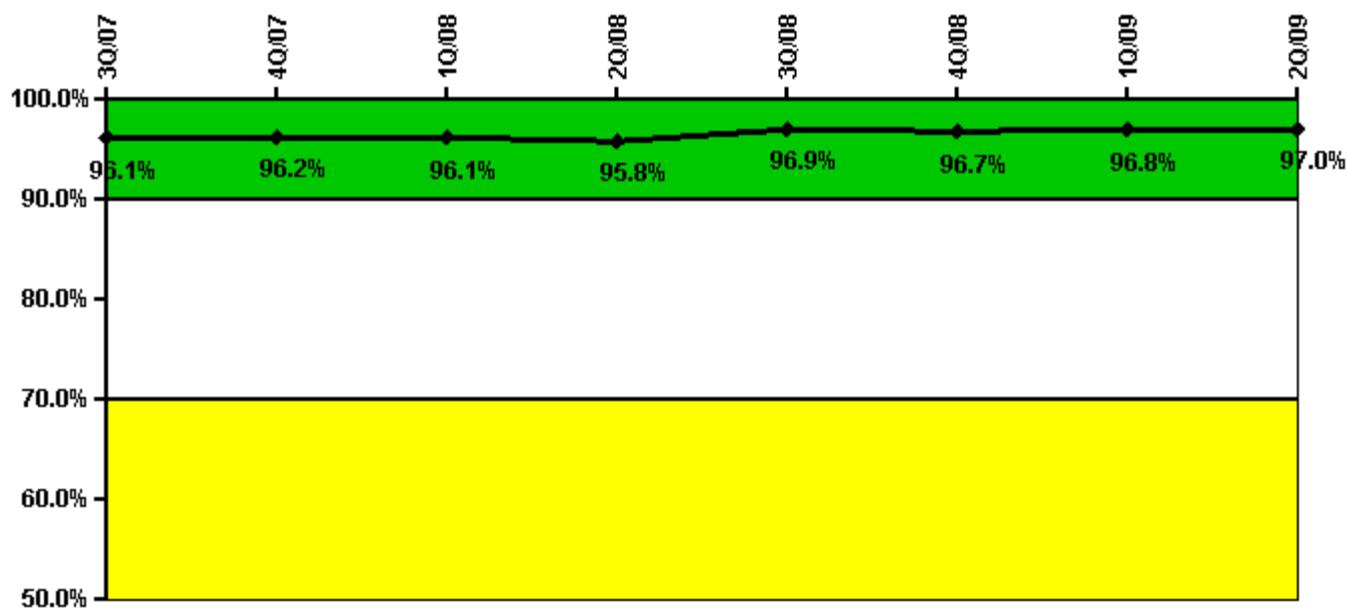
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	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	0.050	0.120	0.020	0.030	0.045	0.004	0.030	0.088	0.024	0.005	0.030	0.050
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	1.2	0.2	0.3	0.5	0	0.3	0.9	0.2	0.1	0.3	0.5
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	0.020	0.030	0.070	0.060	0.060	0.070	0.060	0.060	0.010	0	0.009	0.015
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.3	0.7	0.6	0.6	0.7	0.6	0.6	0.1	0	0.1	0.2

Licensee Comments: none

Drill/Exercise Performance



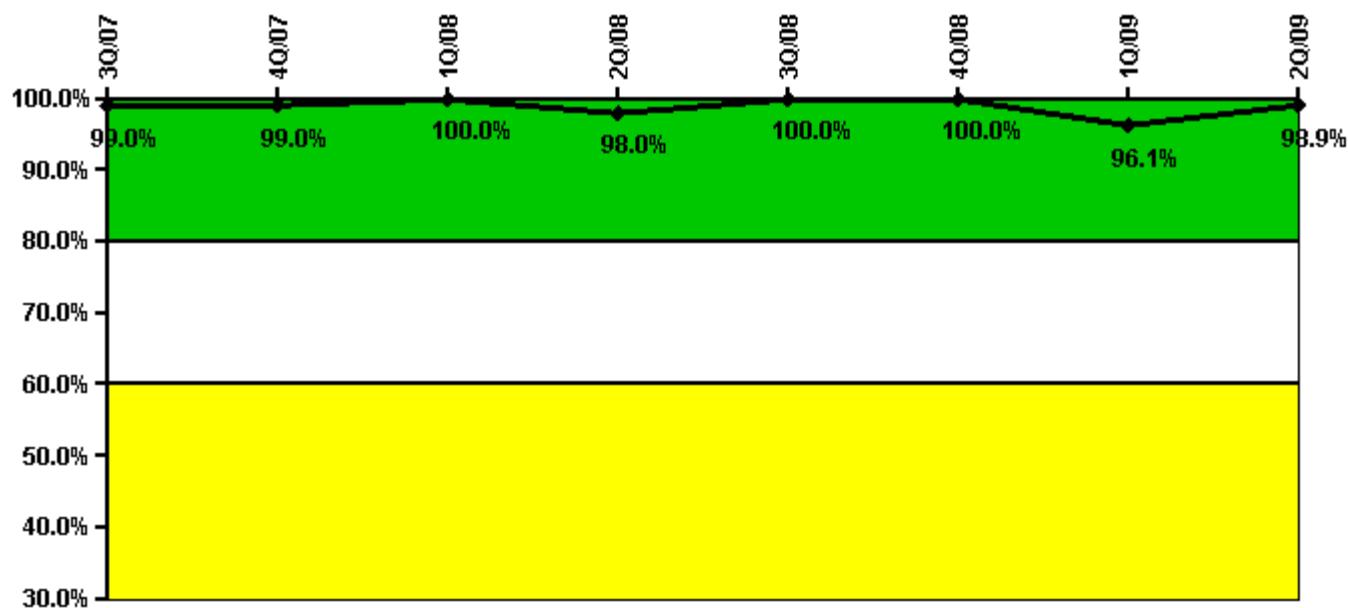
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Successful opportunities	88.0	2.0	68.0	48.0	68.0	16.0	39.0	26.0
Total opportunities	90.0	2.0	72.0	51.0	69.0	17.0	39.0	26.0
Indicator value	96.1%	96.2%	96.1%	95.8%	96.9%	96.7%	96.8%	97.0%

Licensee Comments: none

ERO Drill Participation



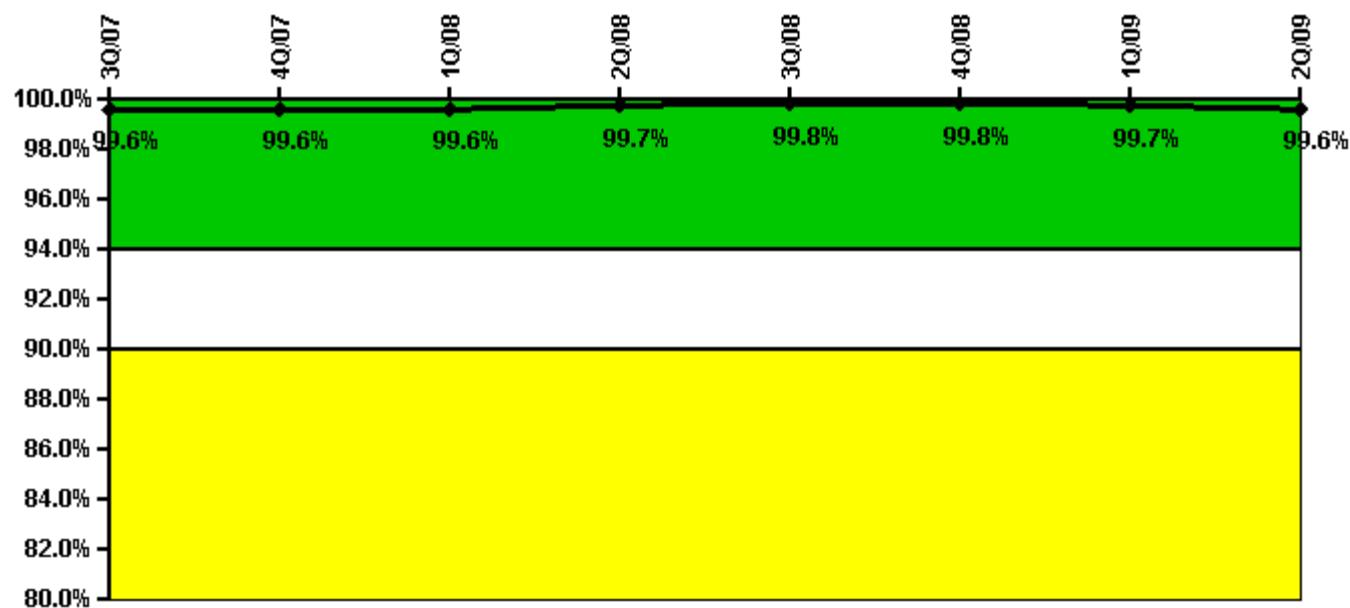
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Participating Key personnel	98.0	97.0	101.0	96.0	97.0	103.0	99.0	93.0
Total Key personnel	99.0	98.0	101.0	98.0	97.0	103.0	103.0	94.0
Indicator value	99.0%	99.0%	100.0%	98.0%	100.0%	100.0%	96.1%	98.9%

Licensee Comments: none

Alert & Notification System



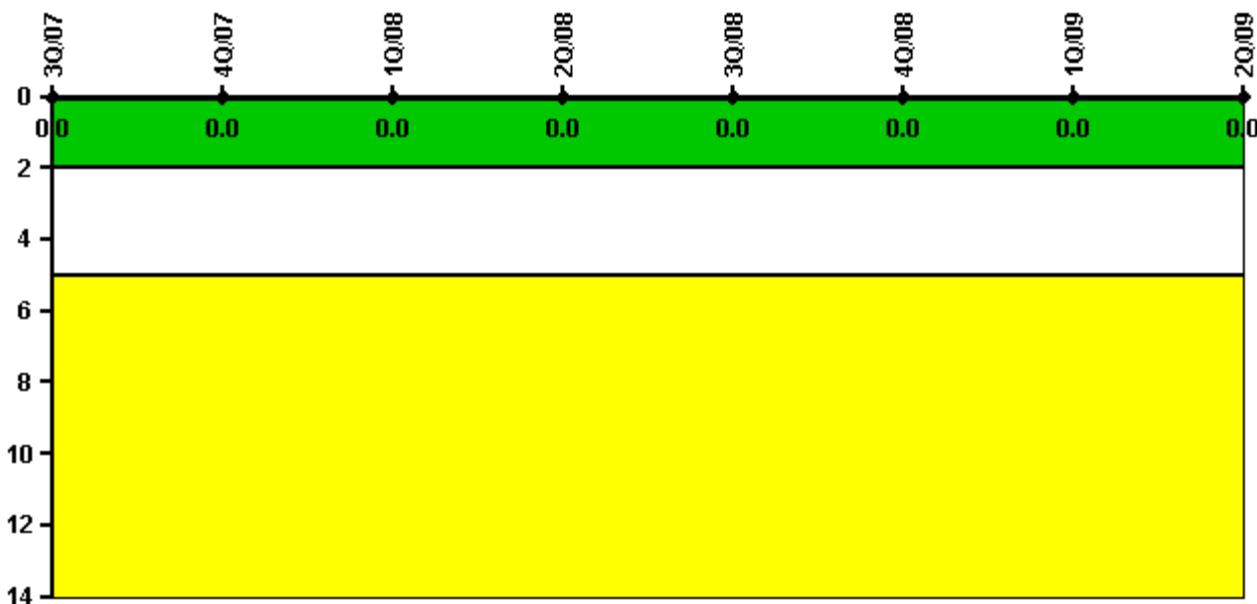
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Successful siren-tests	714	719	629	719	627	720	626	717
Total sirens-tests	720	720	630	720	630	720	630	720
Indicator value	99.6%	99.6%	99.6%	99.7%	99.8%	99.8%	99.7%	99.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness



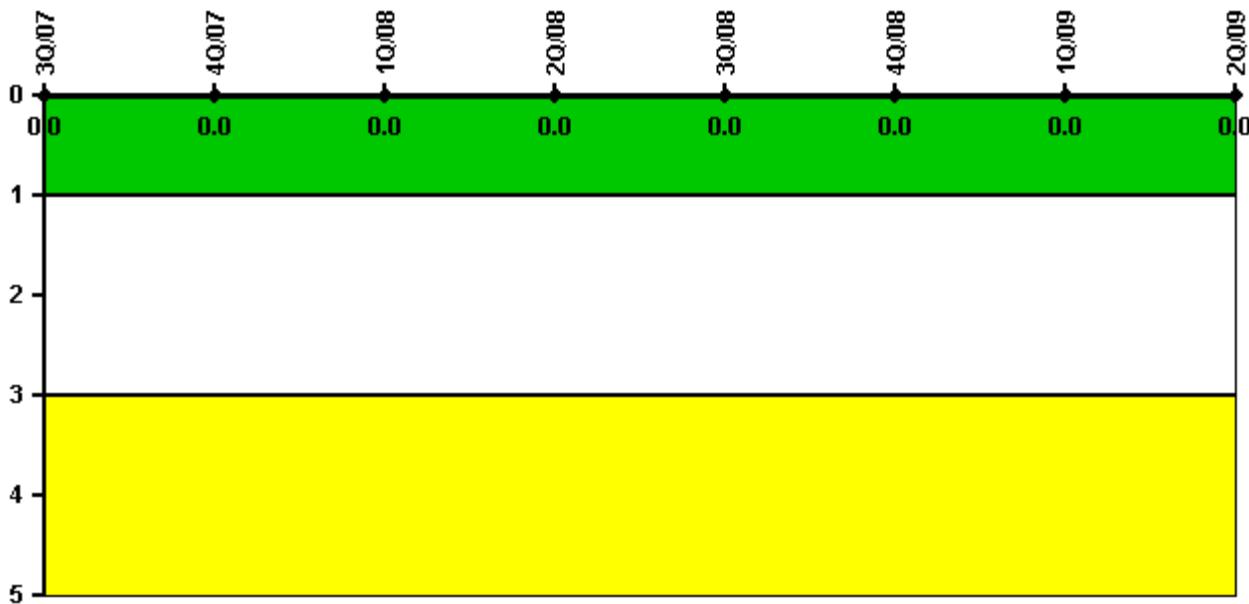
Thresholds: White > 2.0 Yellow > 5.0

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

[Security](#) information not publicly available.



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

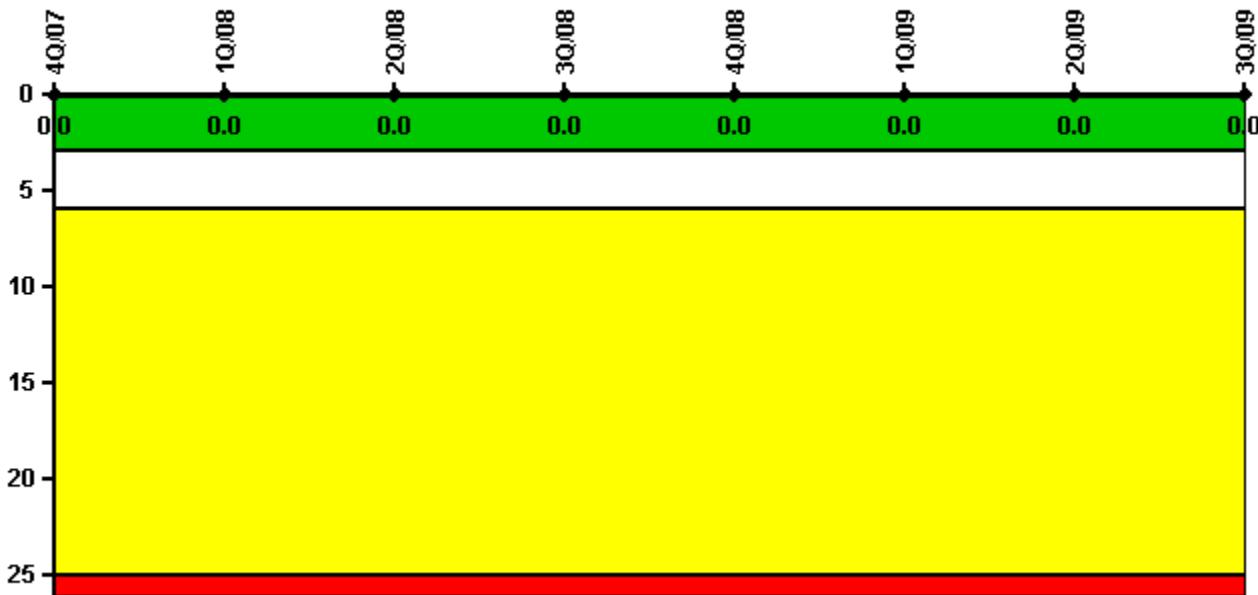
Last Modified: July 22, 2009

Saint Lucie 1

3Q/2009 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



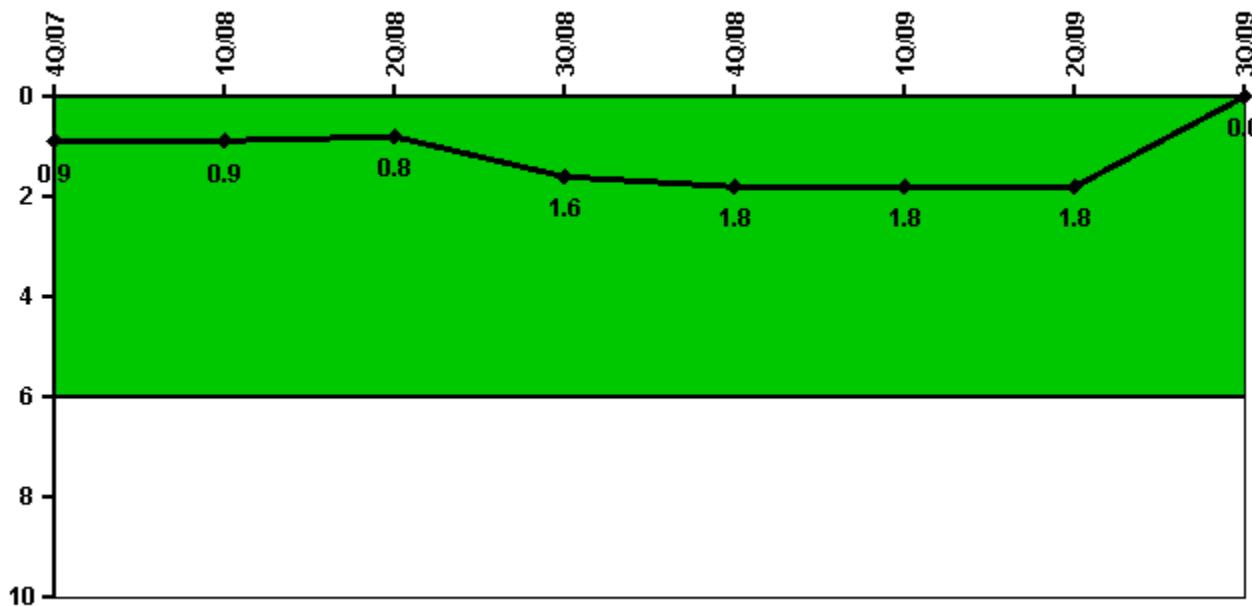
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	0	0
Critical hours	2209.0	2183.0	2184.0	2091.3	1443.0	2159.0	2184.0	2208.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



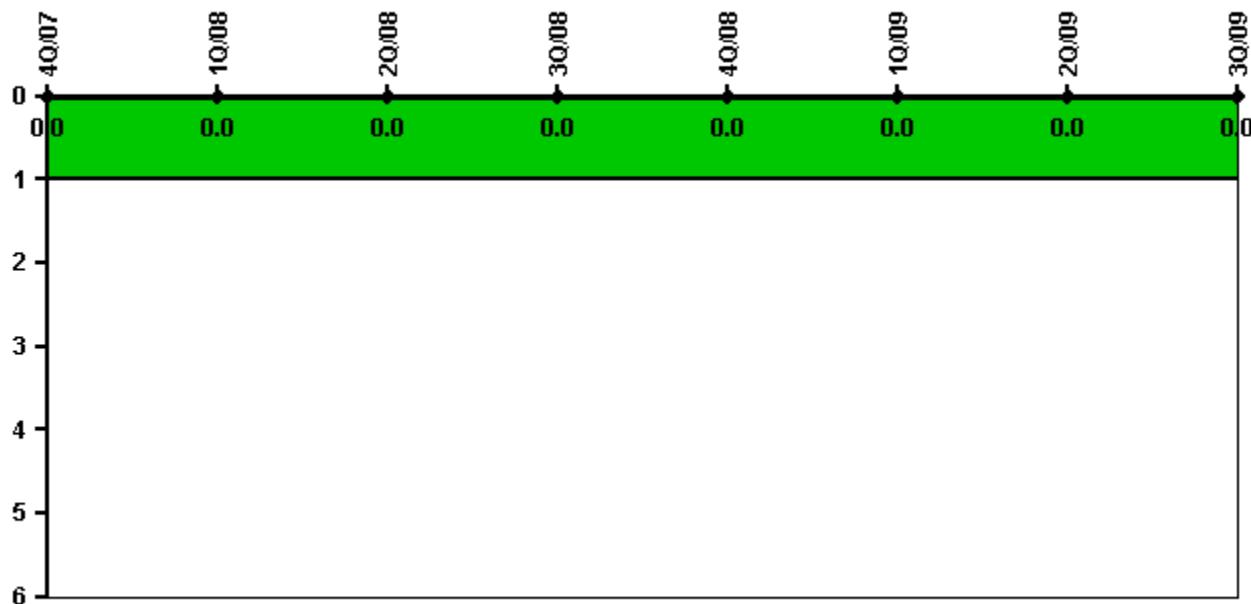
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Unplanned power changes	0	0	0	2.0	0	0	0	0
Critical hours	2209.0	2183.0	2184.0	2091.3	1443.0	2159.0	2184.0	2208.0
Indicator value	0.9	0.9	0.8	1.6	1.8	1.8	1.8	0

Licensee Comments: none

Unplanned Scrams with Complications



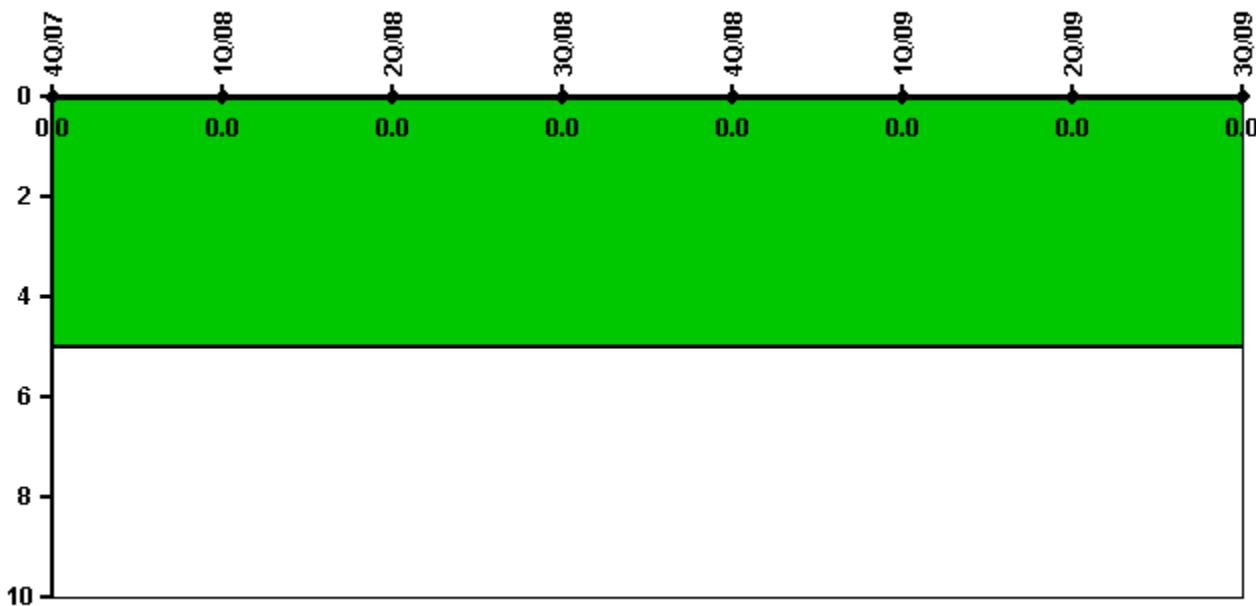
Thresholds: White > 1.0

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

Safety System Functional Failures (PWR)



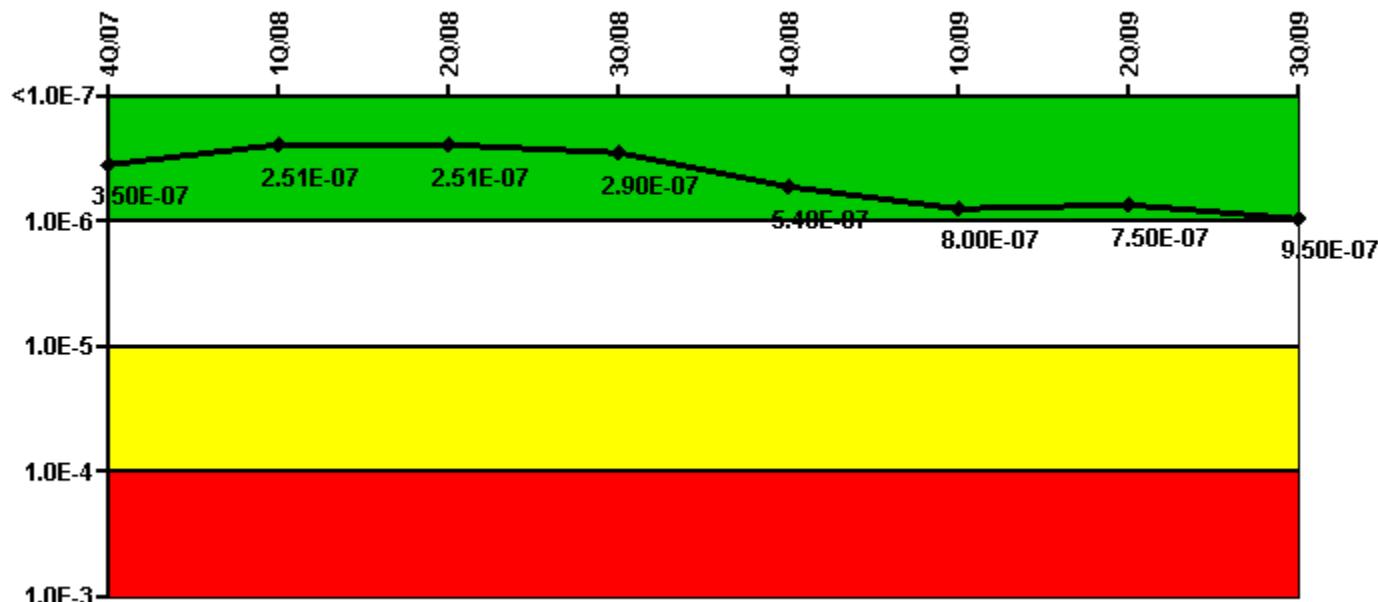
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	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	0
Indicator value	0	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	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
UAI (Δ CDF)	1.40E-07	9.10E-08	9.10E-08	1.30E-07	1.20E-07	1.70E-07	1.70E-07	1.70E-07
URI (Δ CDF)	2.10E-07	1.60E-07	1.60E-07	1.60E-07	4.20E-07	6.30E-07	5.80E-07	7.80E-07
PLE	NO							
Indicator value	3.50E-07	2.51E-07	2.51E-07	2.90E-07	5.40E-07	8.00E-07	7.50E-07	9.50E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



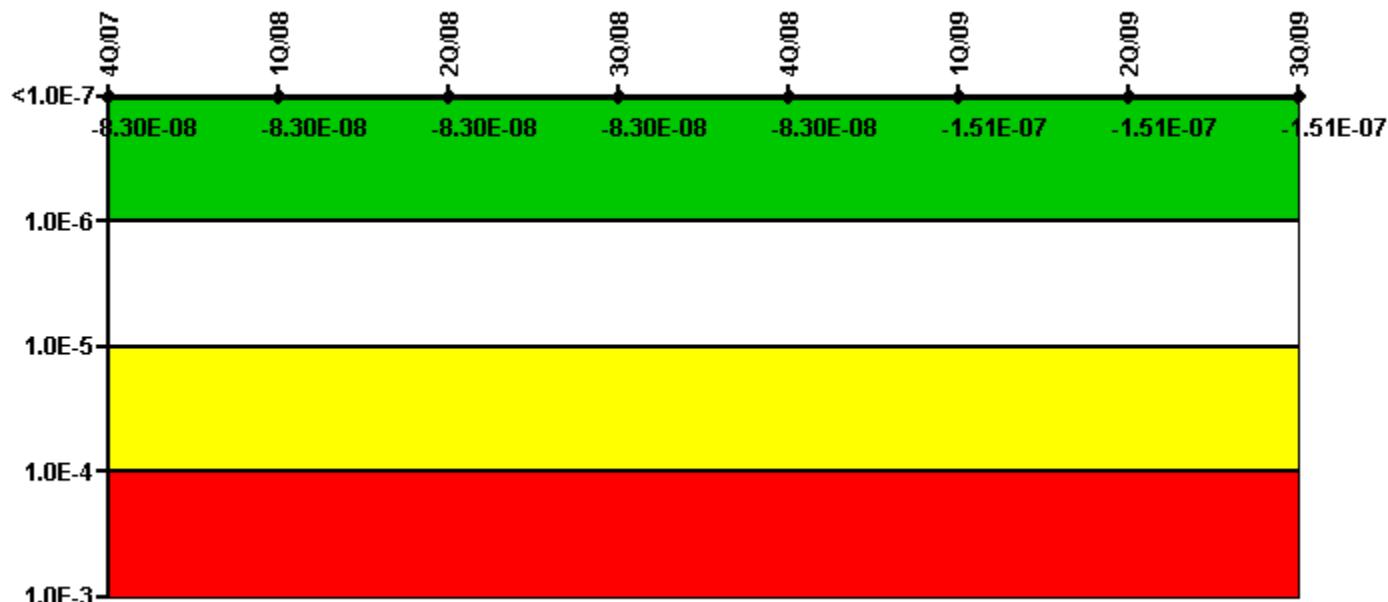
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
UAI (Δ CDF)	4.50E-08	1.40E-07	1.10E-07	1.00E-07	1.40E-07	1.80E-07	1.50E-07	2.00E-07
URI (Δ CDF)	-1.10E-07	-1.10E-07	-1.10E-07	-1.10E-07	-1.10E-07	-1.10E-07	-1.10E-07	-1.10E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.50E-08	3.00E-08	0.00E+00	-1.00E-08	3.00E-08	7.00E-08	4.00E-08	9.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



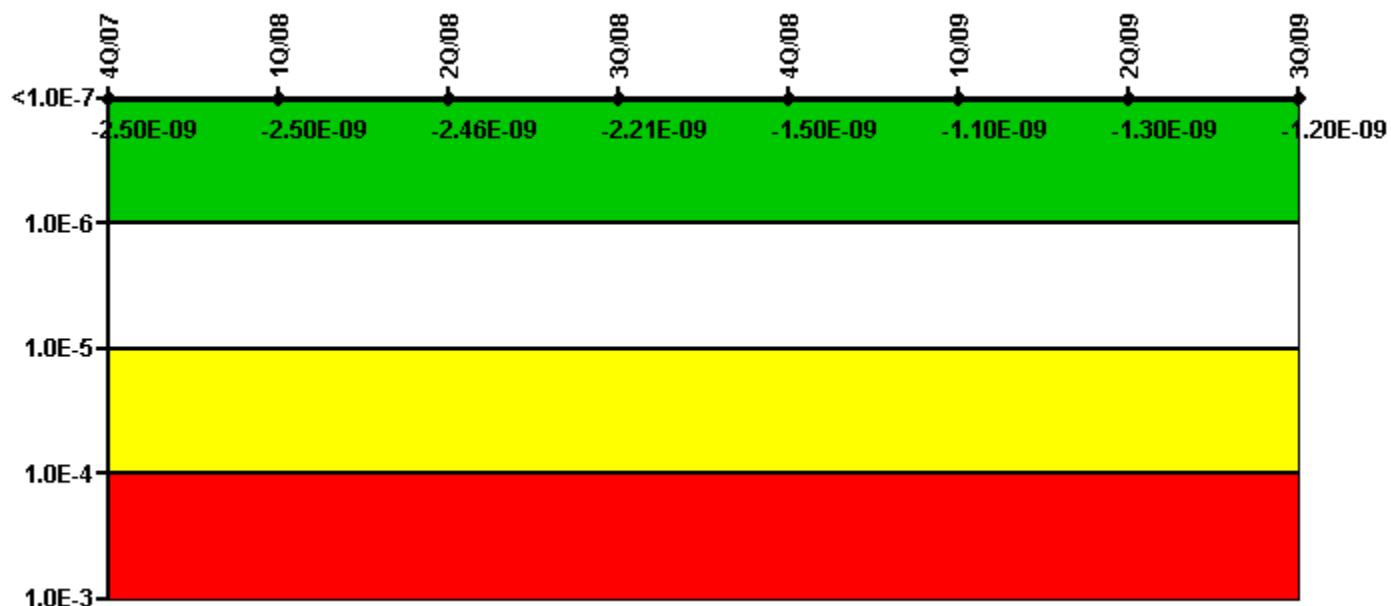
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
UAI (Δ CDF)	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08	-3.10E-08	-3.10E-08	-3.10E-08
URI (Δ CDF)	-7.10E-08	-7.10E-08	-7.10E-08	-7.10E-08	-7.10E-08	-1.20E-07	-1.20E-07	-1.20E-07
PLE	NO							
Indicator value	-8.30E-08	-8.30E-08	-8.30E-08	-8.30E-08	-8.30E-08	-1.51E-07	-1.51E-07	-1.51E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



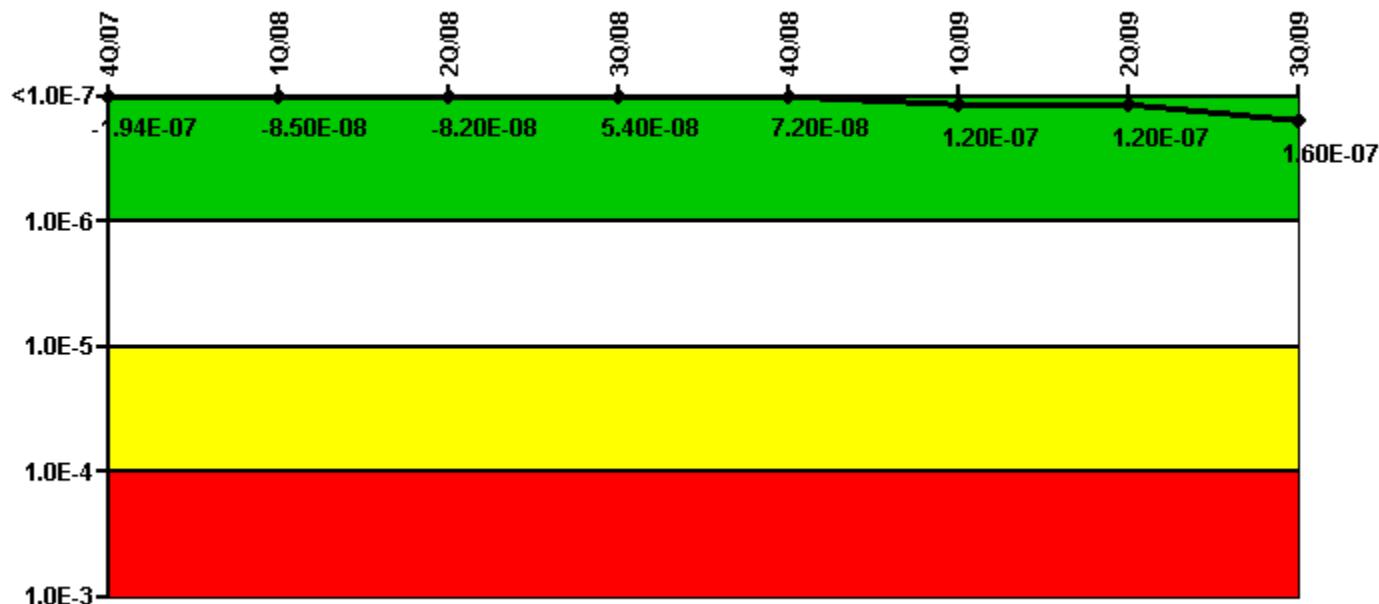
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (Δ CDF)	2.90E-12	2.20E-12	4.20E-11	2.90E-10	1.00E-09	1.40E-09	1.20E-09	1.30E-09
URI (Δ CDF)	-2.50E-09							
PLE	NO							
Indicator value	-2.50E-09	-2.50E-09	-2.46E-09	-2.21E-09	-1.50E-09	-1.10E-09	-1.30E-09	-1.20E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



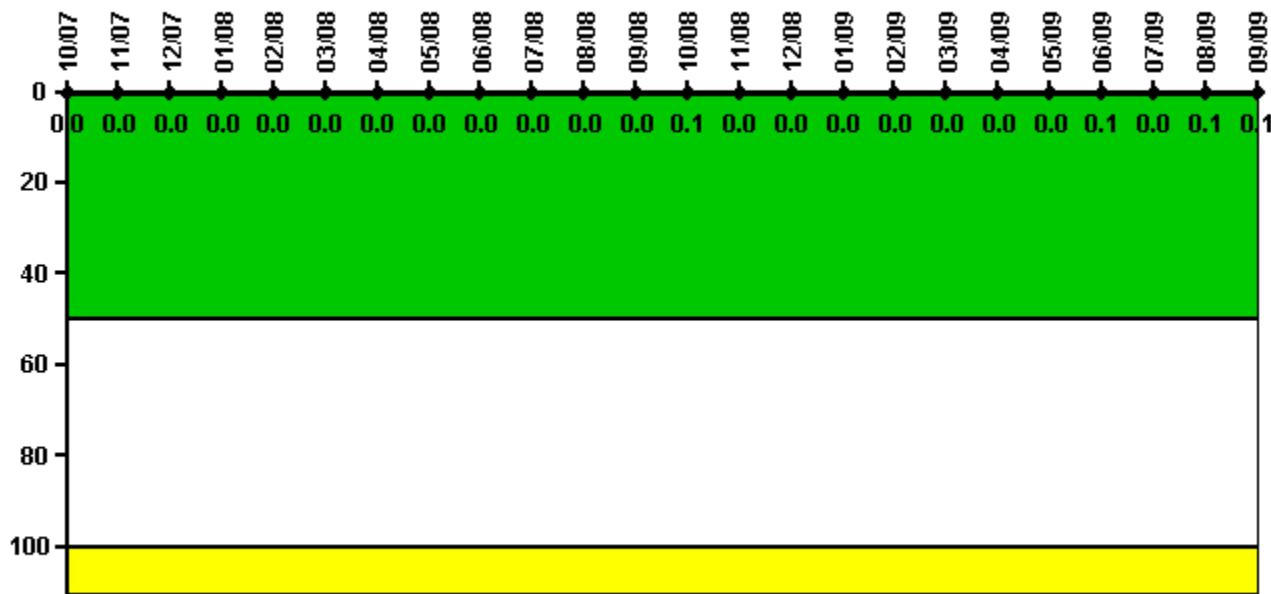
Thresholds: White $> 1.00E-6$ Yellow $> 1.00E-5$ Red $> 1.00E-4$

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 (Δ CDF)	-1.90E-07	-7.50E-08	-7.20E-08	6.40E-08	8.20E-08	1.30E-07	1.30E-07	1.70E-07
URI (Δ CDF)	-4.00E-09	-1.00E-08	-1.00E-08	-1.00E-08	-1.00E-08	-1.00E-08	-1.00E-08	-1.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.94E-07	-8.50E-08	-8.20E-08	5.40E-08	7.20E-08	1.20E-07	1.20E-07	1.60E-07

Licensee Comments: none

Reactor Coolant System Activity



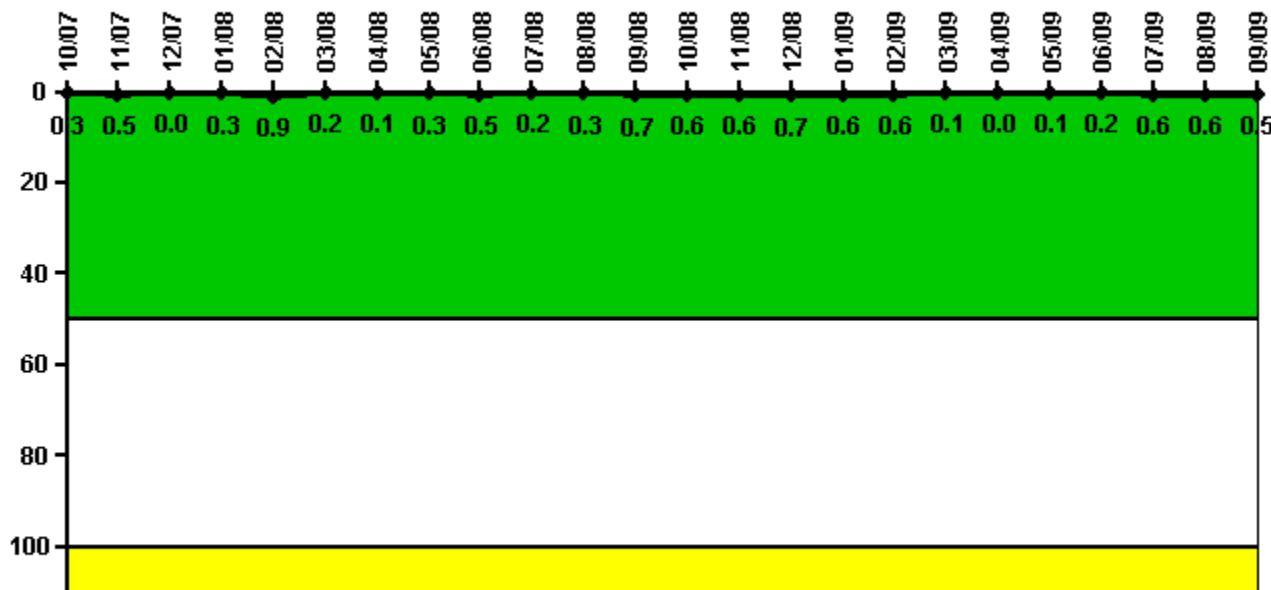
Thresholds: White > 50.0 Yellow > 100.0

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	0.000314	0.000382	0.000290	0.000299	0.000309	0.000341	0.000356	0.000414	0.000347	0.000362	0.000356	0.000400
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
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	0.000610	0.000140	0.000250	0.000252	0.000273	0.000277	0.000298	0.000288	0.000530	0.000494	0.000548	0.000576
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0	0	0	0	0	0	0	0.1	0	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



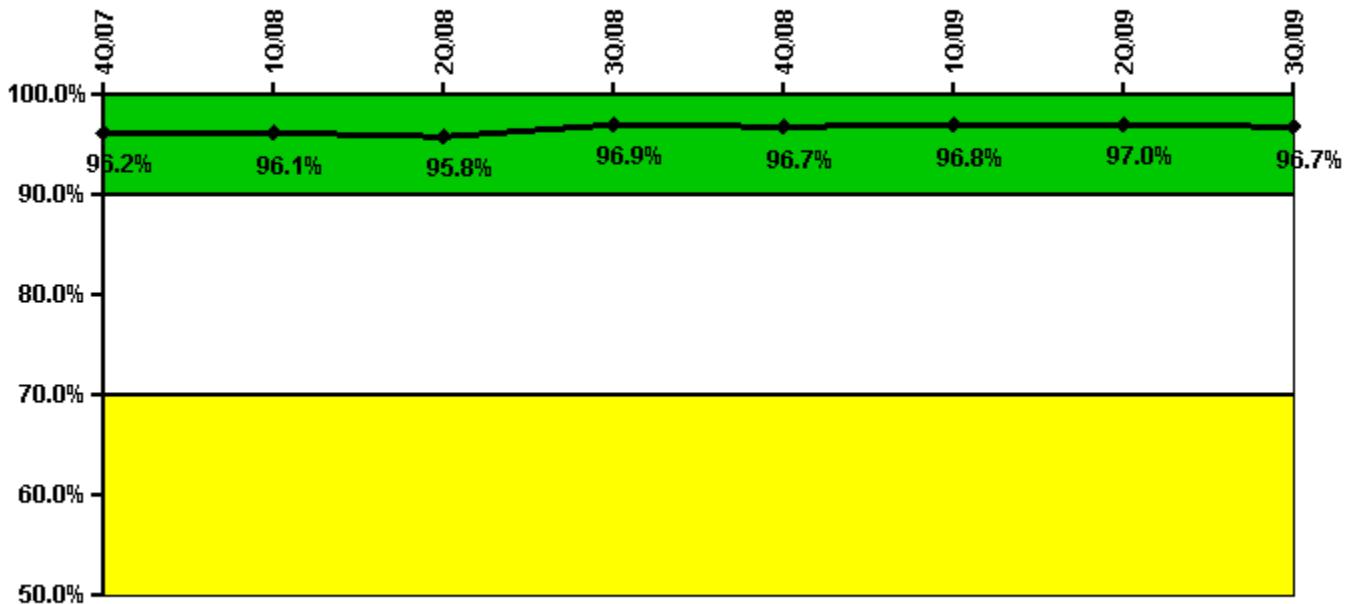
Thresholds: White > 50.0 Yellow > 100.0

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	0.030	0.045	0.004	0.030	0.088	0.024	0.005	0.030	0.050	0.020	0.030	0.070
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.5	0	0.3	0.9	0.2	0.1	0.3	0.5	0.2	0.3	0.7
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	0.060	0.060	0.070	0.060	0.060	0.010	0	0.009	0.015	0.057	0.060	0.050
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.6	0.6	0.7	0.6	0.6	0.1	0	0.1	0.2	0.6	0.6	0.5

Licensee Comments: none

Drill/Exercise Performance



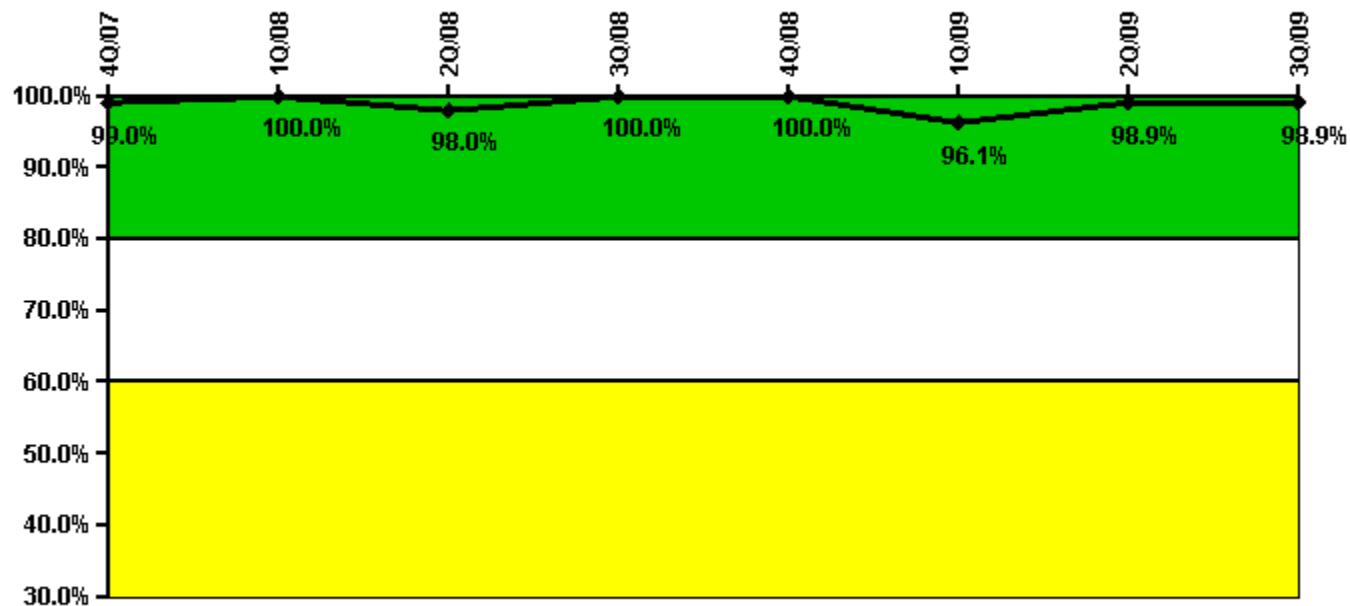
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Successful opportunities	2.0	68.0	48.0	68.0	16.0	39.0	26.0	51.0
Total opportunities	2.0	72.0	51.0	69.0	17.0	39.0	26.0	53.0
Indicator value	96.2%	96.1%	95.8%	96.9%	96.7%	96.8%	97.0%	96.7%

Licensee Comments: none

ERO Drill Participation



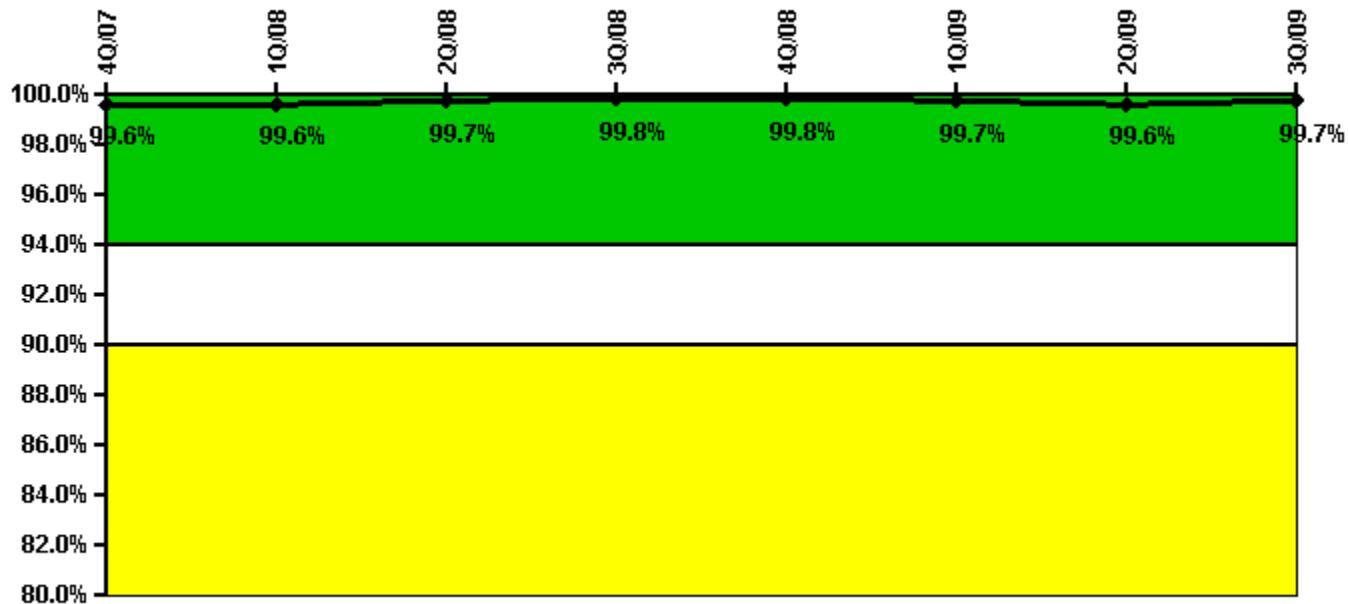
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Participating Key personnel	97.0	101.0	96.0	97.0	103.0	99.0	93.0	92.0
Total Key personnel	98.0	101.0	98.0	97.0	103.0	103.0	94.0	93.0
Indicator value	99.0%	100.0%	98.0%	100.0%	100.0%	96.1%	98.9%	98.9%

Licensee Comments: none

Alert & Notification System



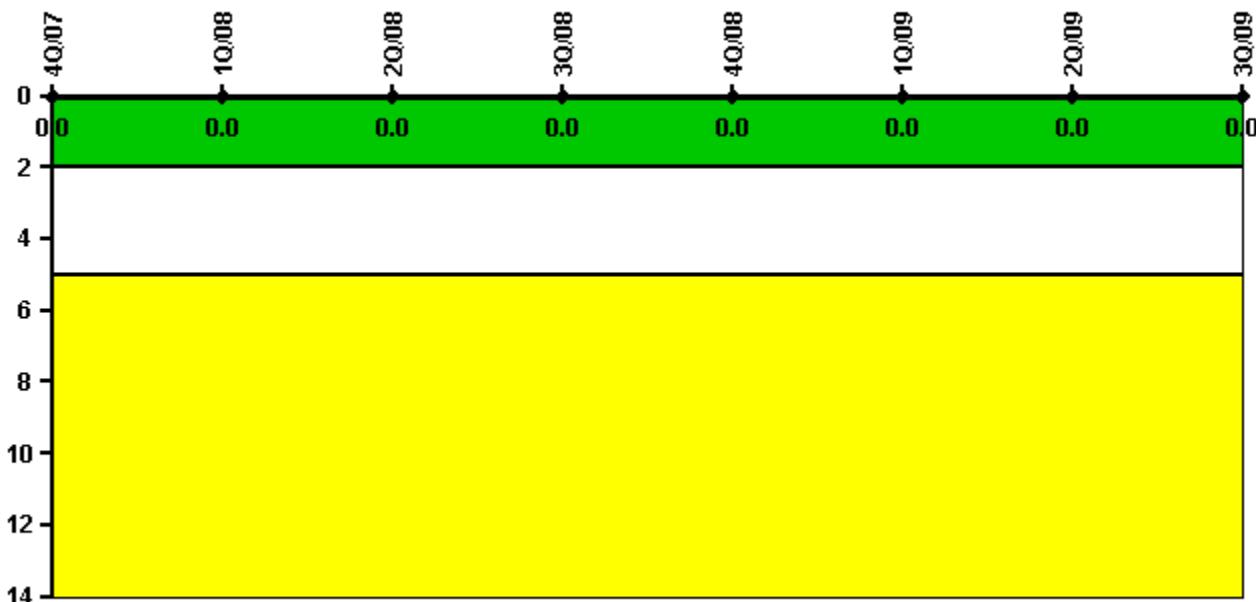
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Successful siren-tests	719	629	719	627	720	626	717	630
Total sirens-tests	720	630	720	630	720	630	720	630
Indicator value	99.6%	99.6%	99.7%	99.8%	99.8%	99.7%	99.6%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



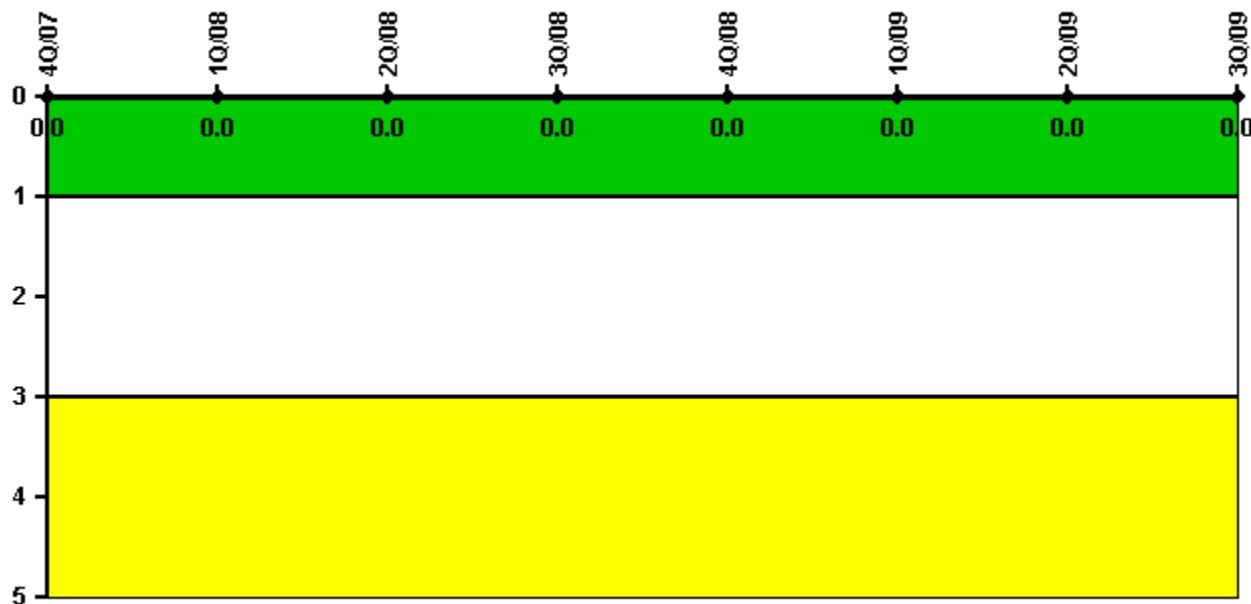
Thresholds: White > 2.0 Yellow > 5.0

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
Indicator value	0							

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

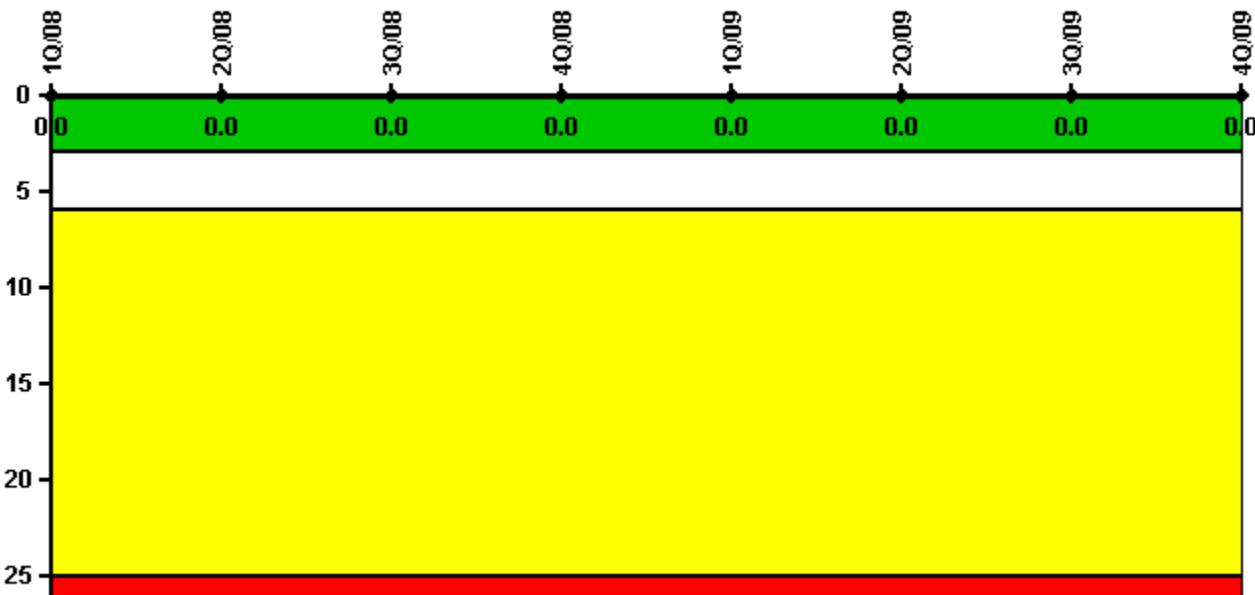
Security information not publicly available.

Saint Lucie 1

4Q/2009 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



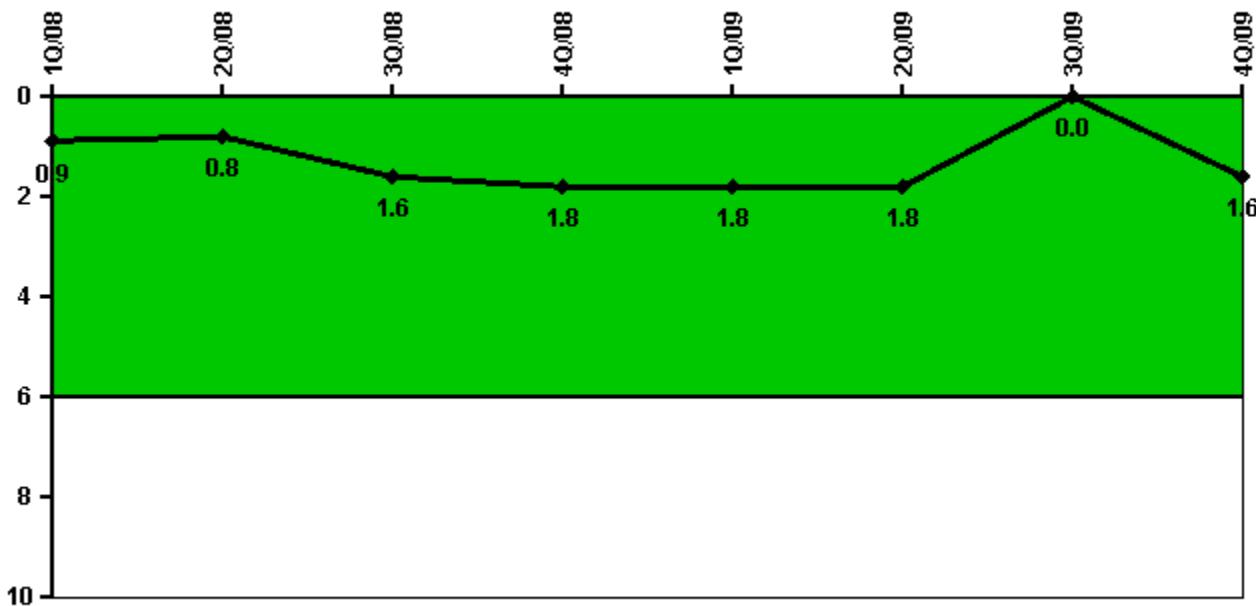
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	0	0	0
Critical hours	2183.0	2184.0	2091.3	1443.0	2159.0	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



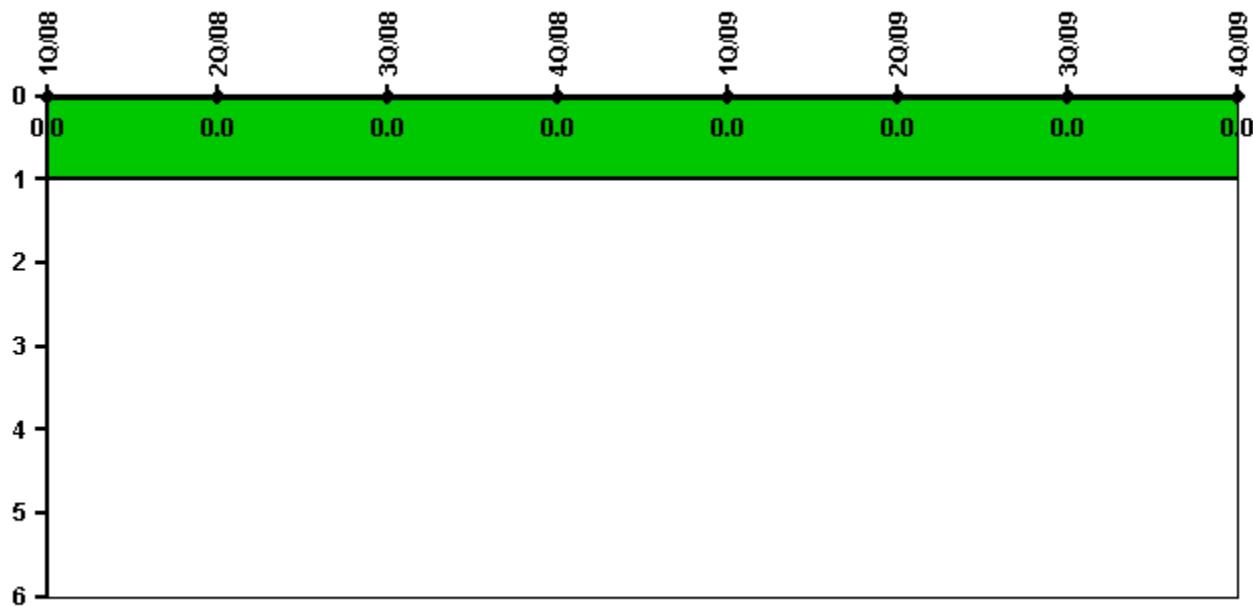
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Unplanned power changes	0	0	2.0	0	0	0	0	2.0
Critical hours	2183.0	2184.0	2091.3	1443.0	2159.0	2184.0	2208.0	2209.0
Indicator value	0.9	0.8	1.6	1.8	1.8	1.8	0	1.6

Licensee Comments: none

Unplanned Scrams with Complications



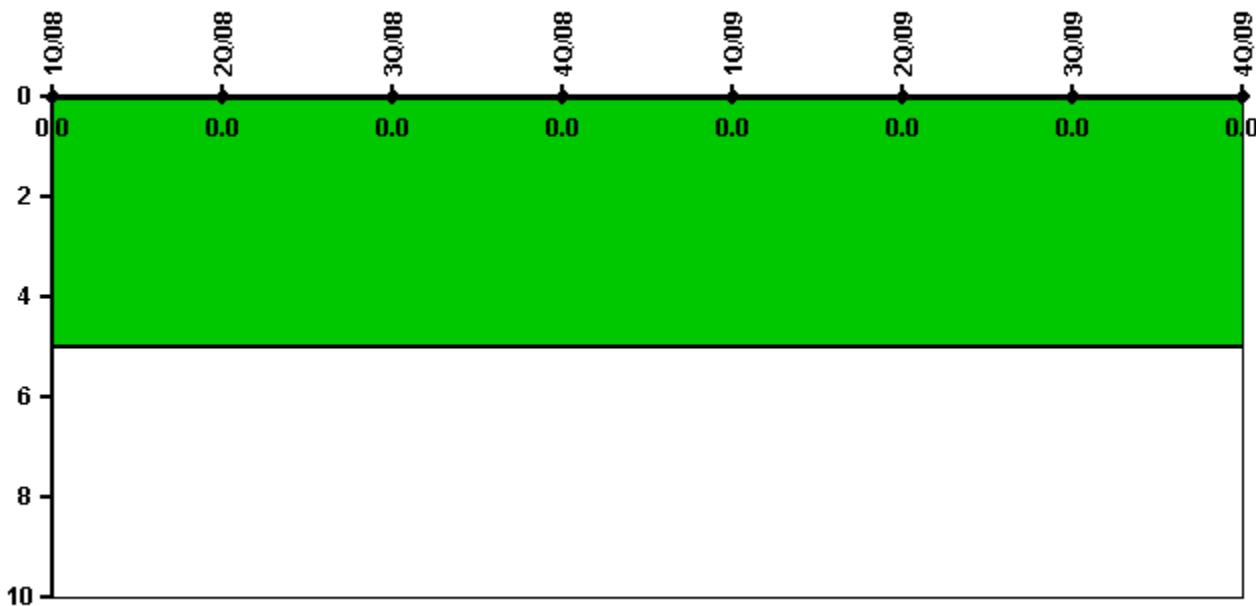
Thresholds: White > 1.0

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

Safety System Functional Failures (PWR)



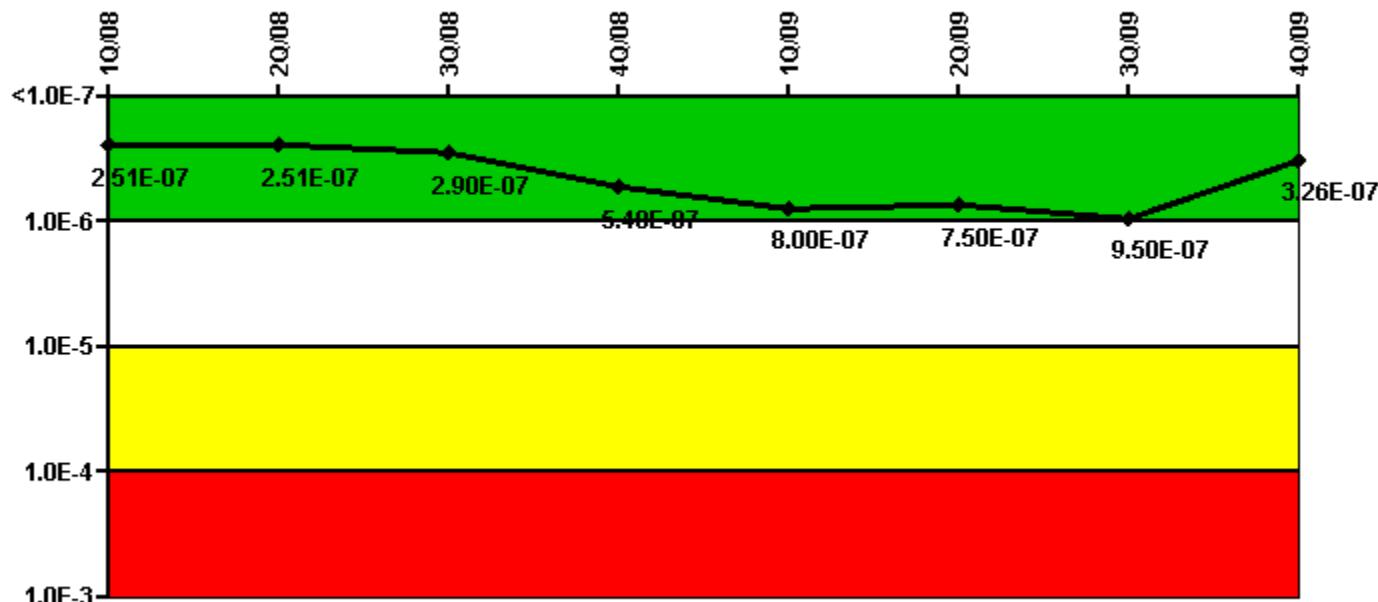
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	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	0	0
Indicator value	0	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

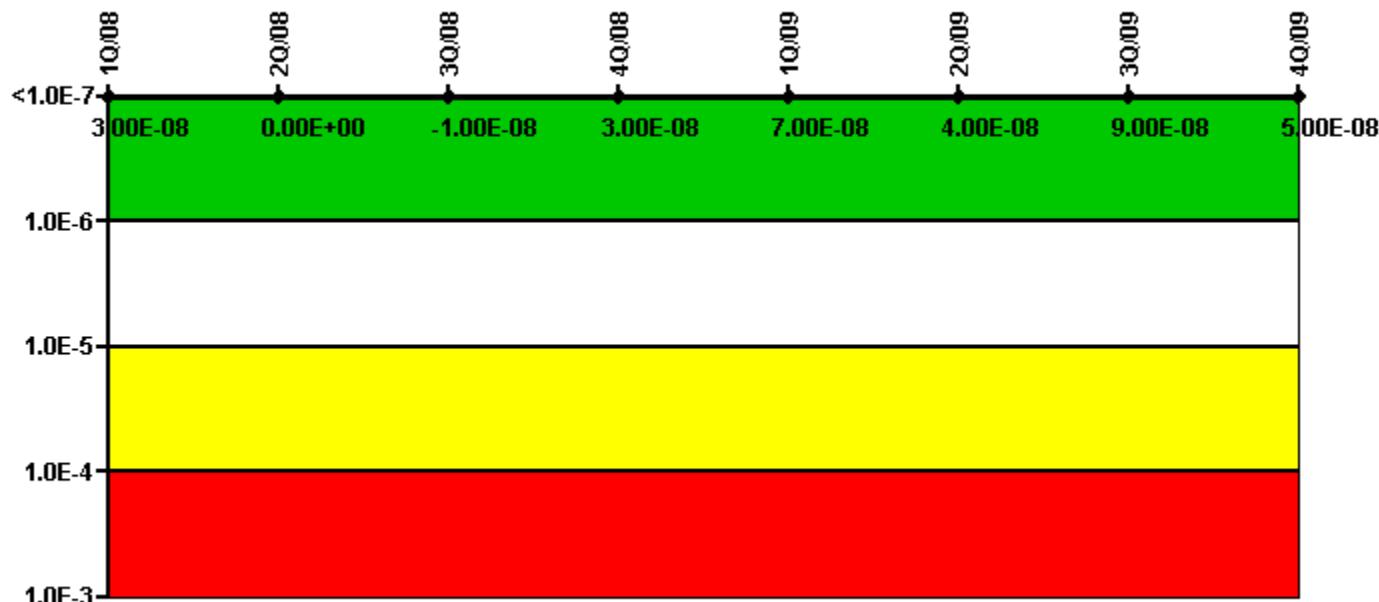
Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
UAI (Δ CDF)	9.10E-08	9.10E-08	1.30E-07	1.20E-07	1.70E-07	1.70E-07	1.70E-07	5.60E-08
URI (Δ CDF)	1.60E-07	1.60E-07	1.60E-07	4.20E-07	6.30E-07	5.80E-07	7.80E-07	2.70E-07
PLE	NO							
Indicator value	2.51E-07	2.51E-07	2.90E-07	5.40E-07	8.00E-07	7.50E-07	9.50E-07	3.26E-07

Licensee Comments:

4Q/09: Changed PRA Parameter(s). CDE PRA values were revised to reflect the updated PRA models (for Unit 1 & 2 models) that were approved August 2009. The updated PRA models included the following PRA elements: revised simplified LERF model (Level 2), revised CCF analysis, revised unit 1 success criteria analysis, revised pre-initiating human reliability analysis, revised interfacing system LOCA analysis, and inclusion of containment isolation system fault tree.

Mitigating Systems Performance Index, High Pressure Injection System



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

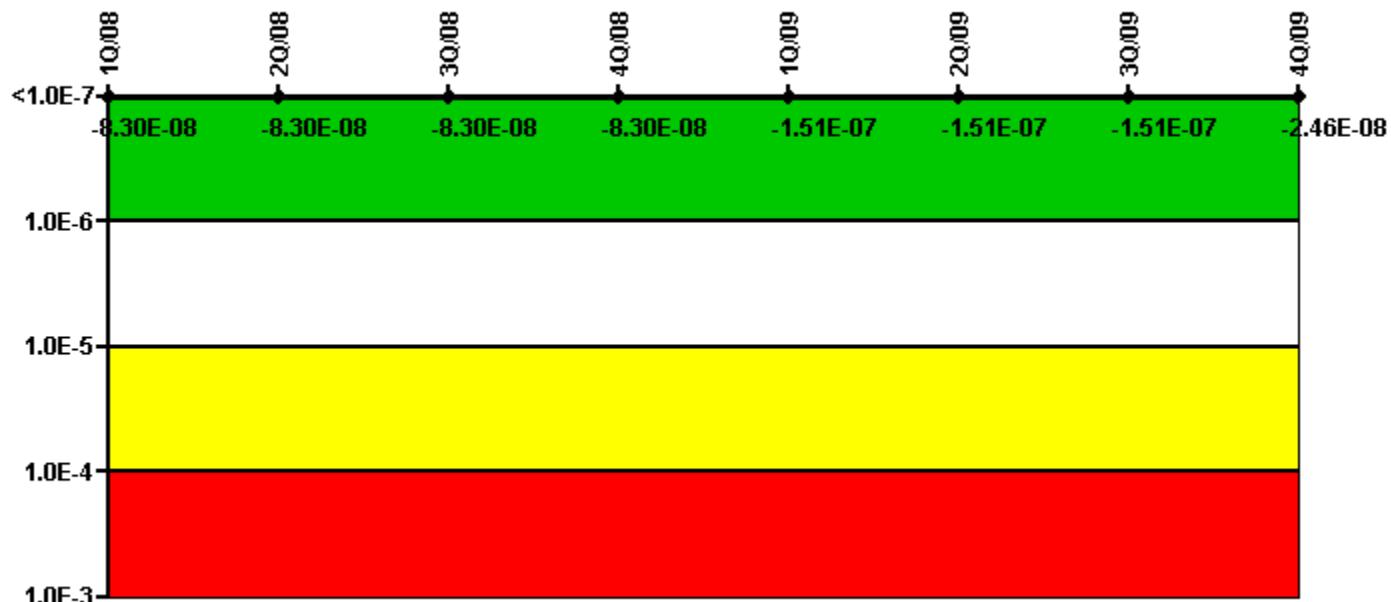
Notes

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 (Δ CDF)	1.40E-07	1.10E-07	1.00E-07	1.40E-07	1.80E-07	1.50E-07	2.00E-07	1.80E-07
URI (Δ CDF)	-1.10E-07	-1.10E-07	-1.10E-07	-1.10E-07	-1.10E-07	-1.10E-07	-1.10E-07	-1.30E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.00E-08	0.00E+00	-1.00E-08	3.00E-08	7.00E-08	4.00E-08	9.00E-08	5.00E-08

Licensee Comments:

4Q/09: Changed PRA Parameter(s). CDE PRA values were revised to reflect the updated PRA models (for Unit 1 & 2 models) that were approved August 2009. The updated PRA models included the following PRA elements: revised simplified LERF model (Level 2), revised CCF analysis, revised unit 1 success criteria analysis, revised pre-initiating human reliability analysis, revised interfacing system LOCA analysis, and inclusion of containment isolation system fault tree.

Mitigating Systems Performance Index, Heat Removal System



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

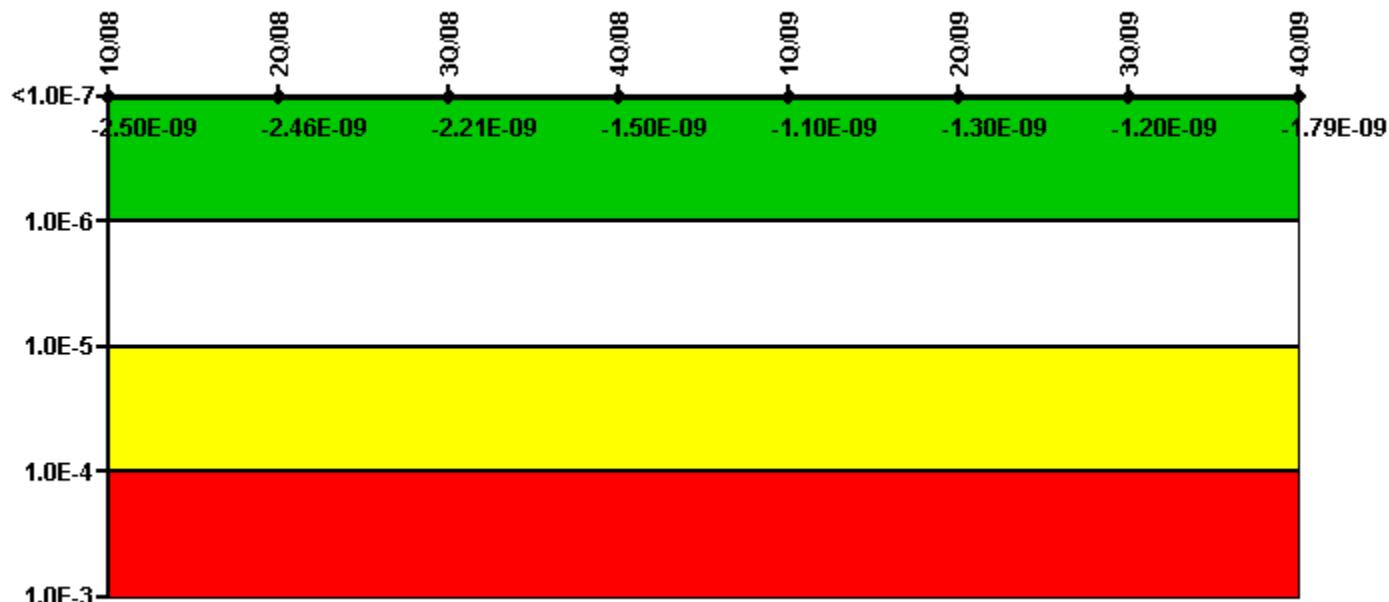
Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
UAI (Δ CDF)	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08	-3.10E-08	-3.10E-08	-3.10E-08	-4.60E-09
URI (Δ CDF)	-7.10E-08	-7.10E-08	-7.10E-08	-7.10E-08	-1.20E-07	-1.20E-07	-1.20E-07	-2.00E-08
PLE	NO							
Indicator value	-8.30E-08	-8.30E-08	-8.30E-08	-8.30E-08	-1.51E-07	-1.51E-07	-1.51E-07	-2.46E-08

Licensee Comments:

4Q/09: Changed PRA Parameter(s). CDE PRA values were revised to reflect the updated PRA models (for Unit 1 & 2 models) that were approved August 2009. The updated PRA models included the following PRA elements: revised simplified LERF model (Level 2), revised CCF analysis, revised unit 1 success criteria analysis, revised pre-initiating human reliability analysis, revised interfacing system LOCA analysis, and inclusion of containment isolation system fault tree.

Mitigating Systems Performance Index, Residual Heat Removal System



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

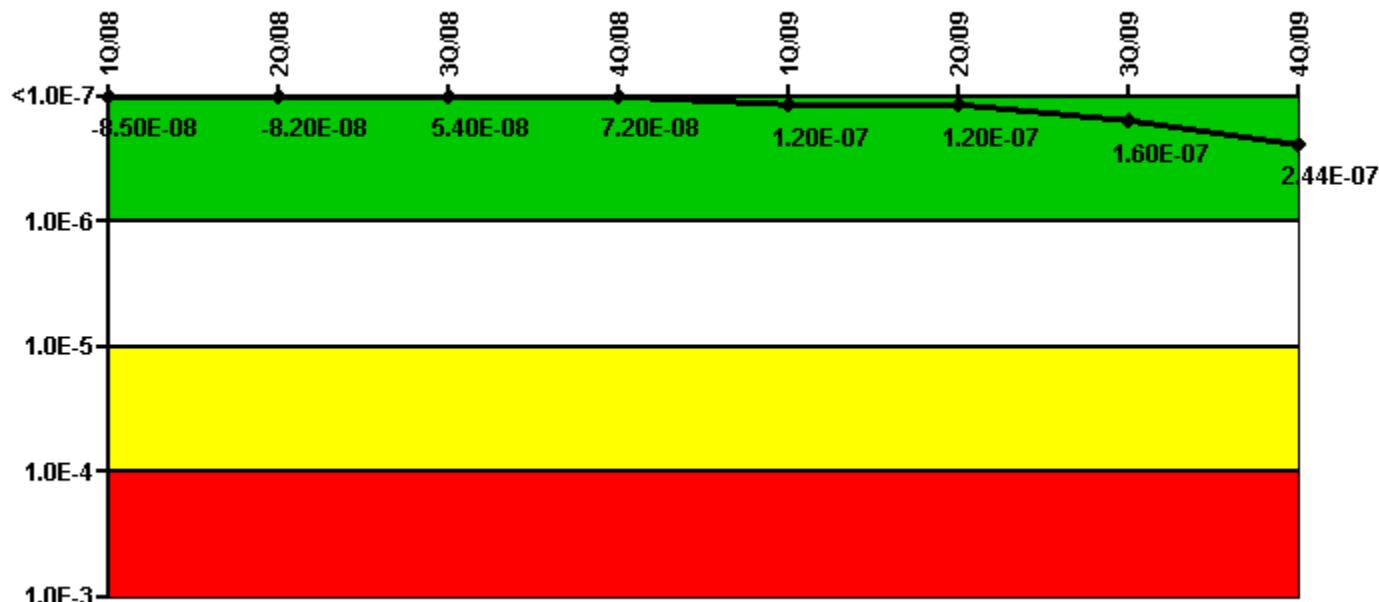
Notes

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 (Δ CDF)	2.20E-12	4.20E-11	2.90E-10	1.00E-09	1.40E-09	1.20E-09	1.30E-09	5.10E-10
URI (Δ CDF)	-2.50E-09	-2.30E-09						
PLE	NO							
Indicator value	-2.50E-09	-2.46E-09	-2.21E-09	-1.50E-09	-1.10E-09	-1.30E-09	-1.20E-09	-1.79E-09

Licensee Comments:

4Q/09: Changed PRA Parameter(s). CDE PRA values were revised to reflect the updated PRA models (for Unit 1 & 2 models) that were approved August 2009. The updated PRA models included the following PRA elements: revised simplified LERF model (Level 2), revised CCF analysis, revised unit 1 success criteria analysis, revised pre-initiating human reliability analysis, revised interfacing system LOCA analysis, and inclusion of containment isolation system fault tree.

Mitigating Systems Performance Index, Cooling Water Systems



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

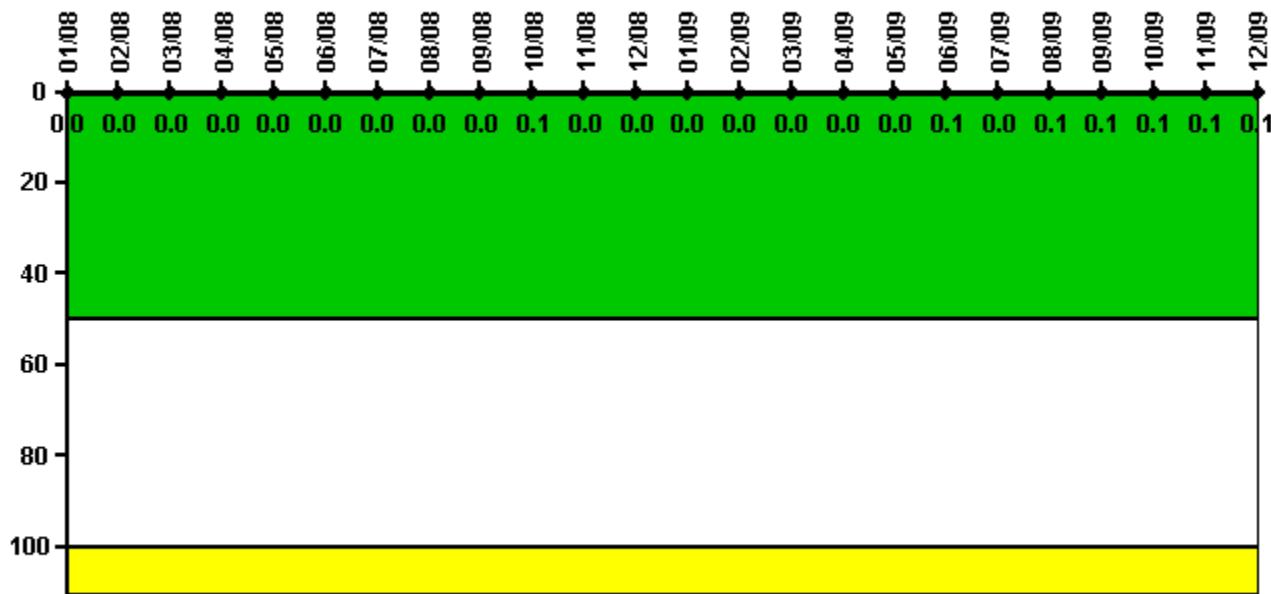
Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
UAI (Δ CDF)	-7.50E-08	-7.20E-08	6.40E-08	8.20E-08	1.30E-07	1.30E-07	1.70E-07	2.80E-07
URI (Δ CDF)	-1.00E-08	-1.00E-08	-1.00E-08	-1.00E-08	-1.00E-08	-1.00E-08	-1.00E-08	-3.60E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-8.50E-08	-8.20E-08	5.40E-08	7.20E-08	1.20E-07	1.20E-07	1.60E-07	2.44E-07

Licensee Comments:

4Q/09: Changed PRA Parameter(s). CDE PRA values were revised to reflect the updated PRA models (for Unit 1 & 2 models) that were approved August 2009. The updated PRA models included the following PRA elements: revised simplified LERF model (Level 2), revised CCF analysis, revised unit 1 success criteria analysis, revised pre-initiating human reliability analysis, revised interfacing system LOCA analysis, and inclusion of containment isolation system fault tree.

Reactor Coolant System Activity



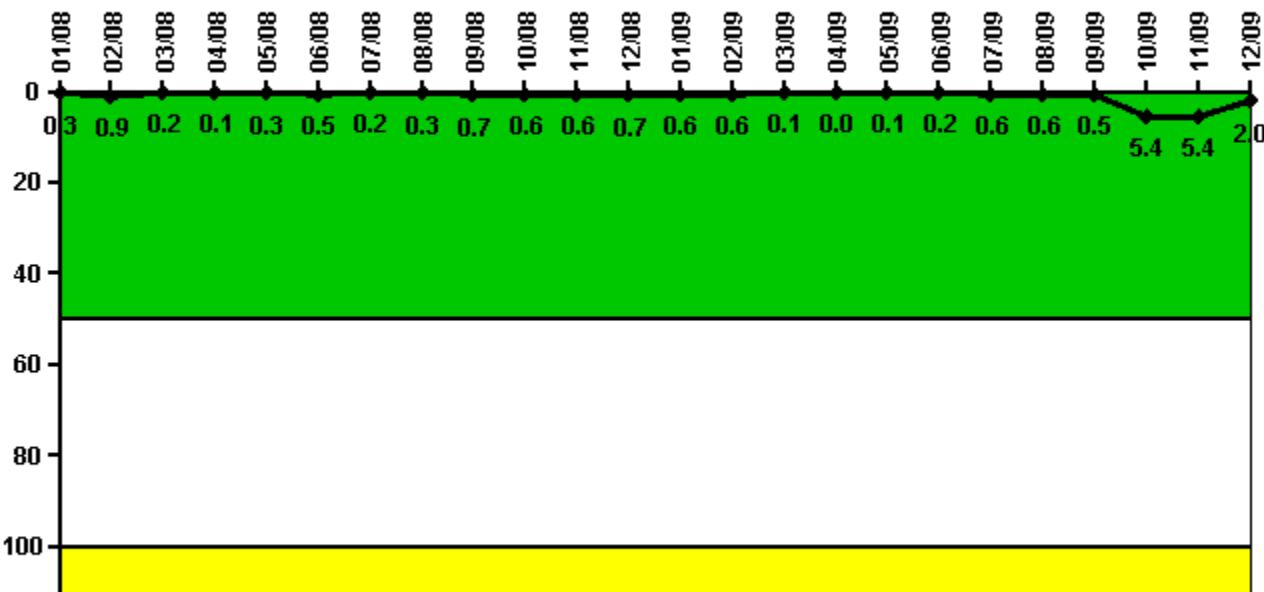
Thresholds: White > 50.0 Yellow > 100.0

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	0.000299	0.000309	0.000341	0.000356	0.000414	0.000347	0.000362	0.000356	0.000400	0.000610	0.000140	0.000250
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0.1	0	0
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	0.000252	0.000273	0.000277	0.000298	0.000288	0.000530	0.000494	0.000548	0.000576	0.000579	0.000577	0.000612
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0.1	0	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



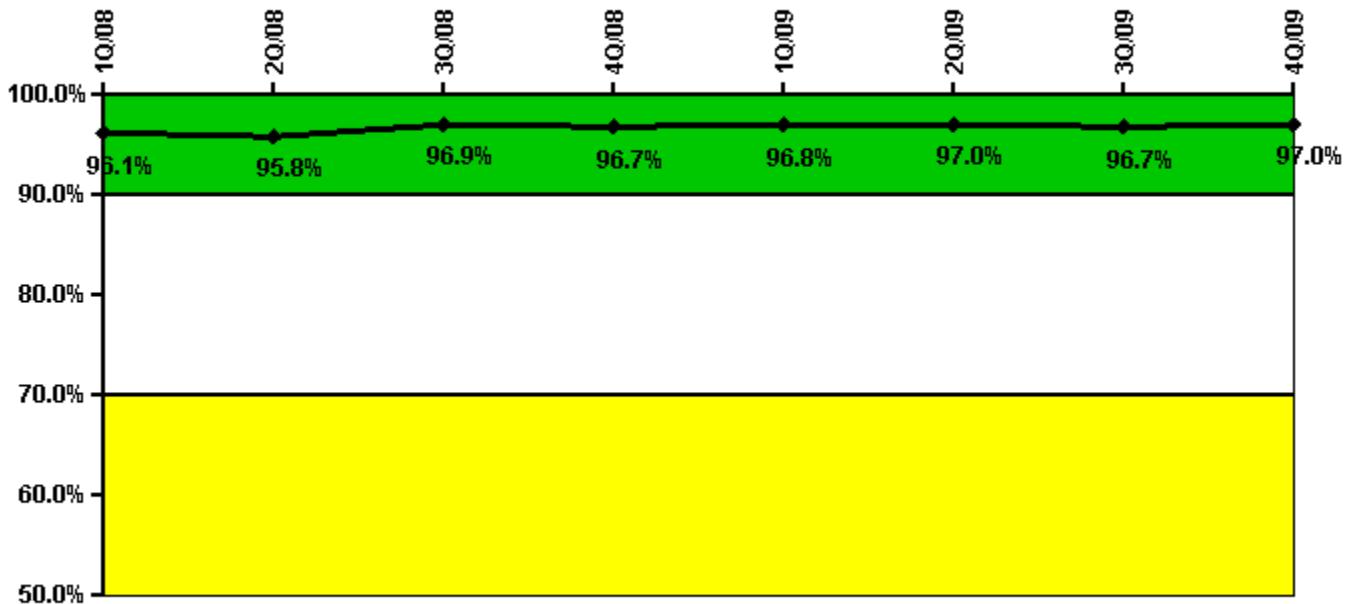
Thresholds: White > 50.0 Yellow > 100.0

Notes

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	0.030	0.088	0.024	0.005	0.030	0.050	0.020	0.030	0.070	0.060	0.060	0.070
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.9	0.2	0.1	0.3	0.5	0.2	0.3	0.7	0.6	0.6	0.7
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	0.060	0.060	0.010	0	0.009	0.015	0.057	0.060	0.050	0.540	0.540	0.200
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.6	0.6	0.1	0	0.1	0.2	0.6	0.6	0.5	5.4	5.4	2.0

Licensee Comments: none

Drill/Exercise Performance



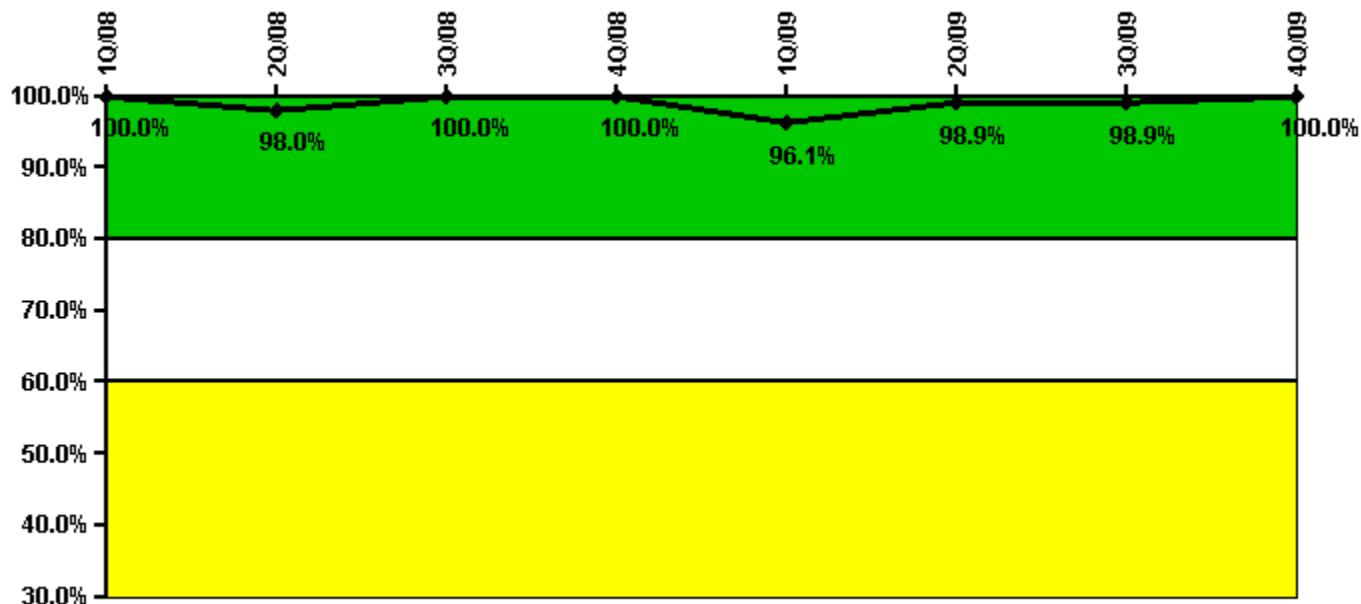
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Successful opportunities	68.0	48.0	68.0	16.0	39.0	26.0	51.0	74.0
Total opportunities	72.0	51.0	69.0	17.0	39.0	26.0	53.0	75.0
Indicator value	96.1%	95.8%	96.9%	96.7%	96.8%	97.0%	96.7%	97.0%

Licensee Comments: none

ERO Drill Participation



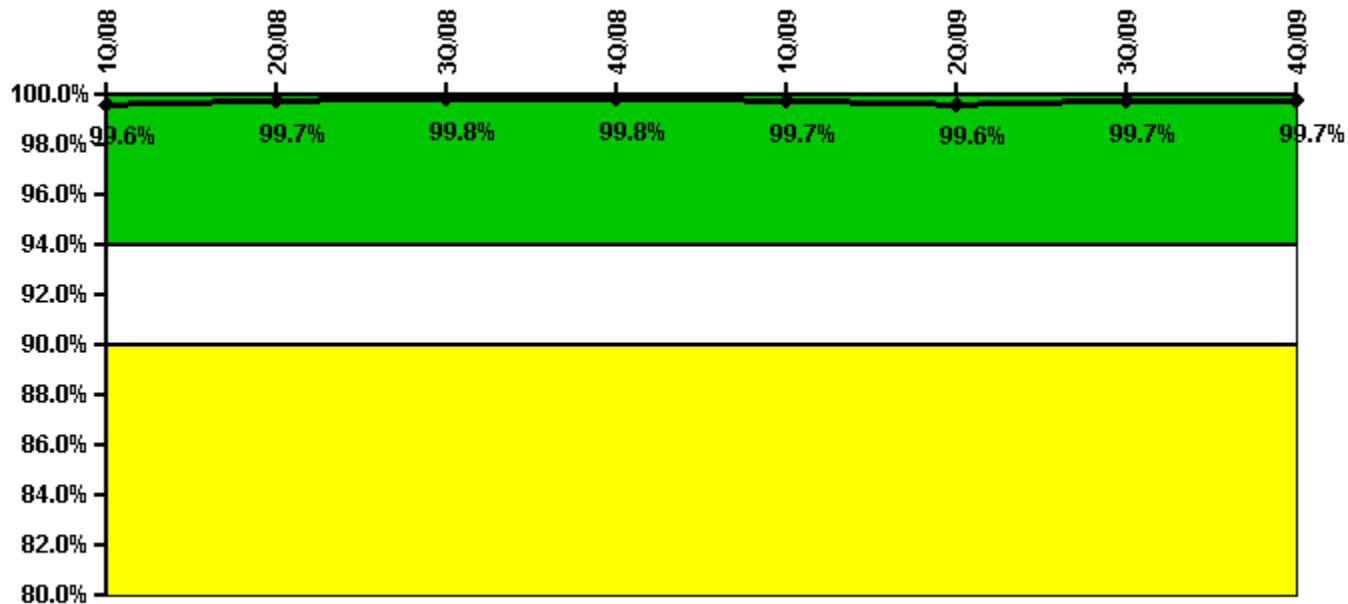
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Participating Key personnel	101.0	96.0	97.0	103.0	99.0	93.0	92.0	96.0
Total Key personnel	101.0	98.0	97.0	103.0	103.0	94.0	93.0	96.0
Indicator value	100.0%	98.0%	100.0%	100.0%	96.1%	98.9%	98.9%	100.0%

Licensee Comments: none

Alert & Notification System



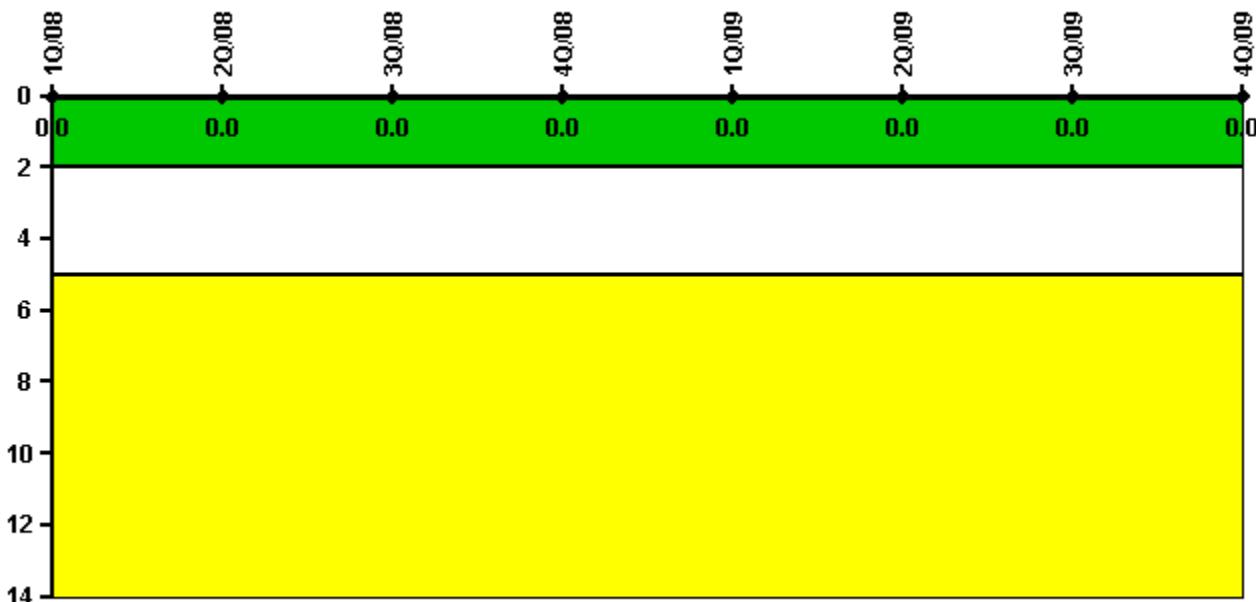
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Successful siren-tests	629	719	627	720	626	717	630	718
Total sirens-tests	630	720	630	720	630	720	630	720
Indicator value	99.6%	99.7%	99.8%	99.8%	99.7%	99.6%	99.7%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



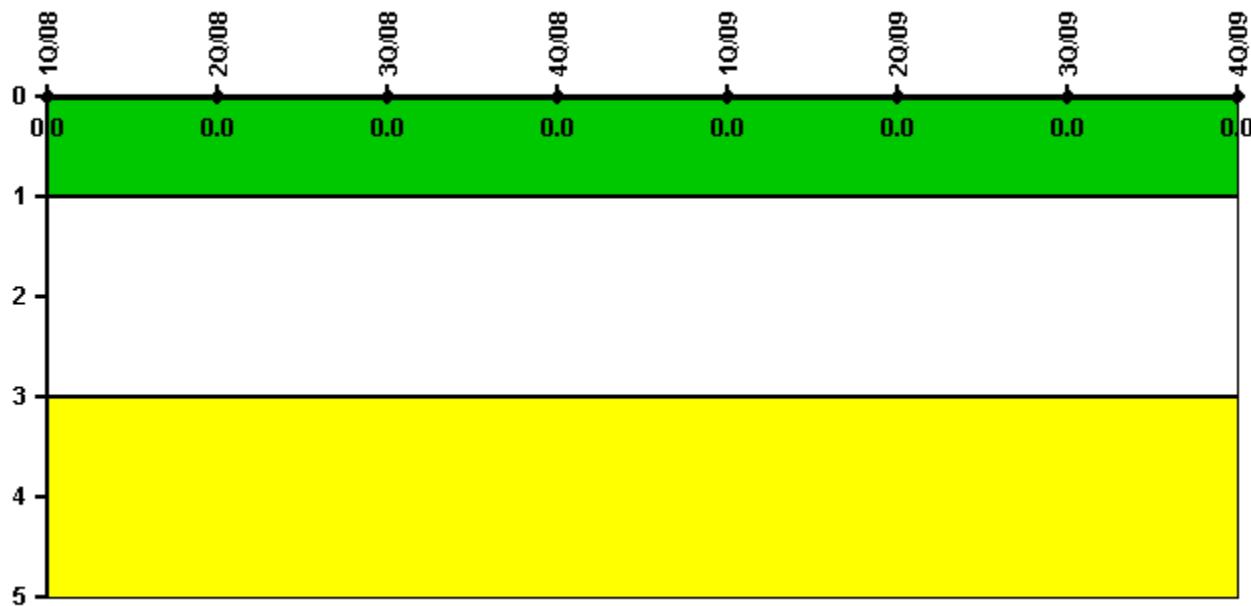
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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
Indicator value	0							

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

[Security](#) information not publicly available.



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

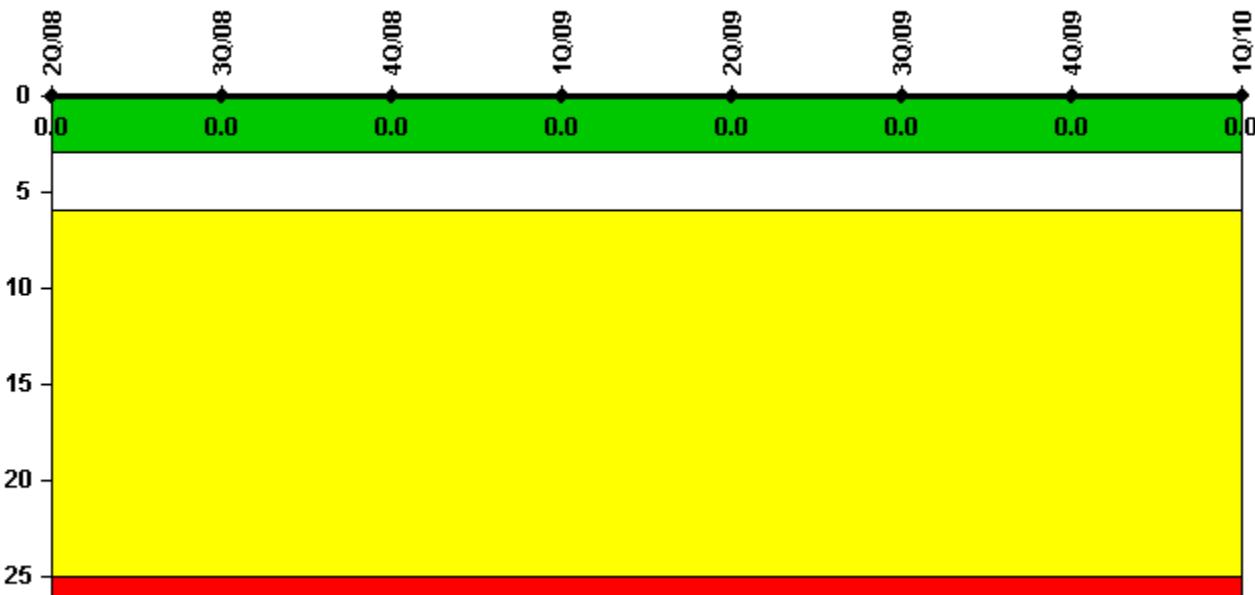
Last Modified: January 22, 2010

Saint Lucie 1

1Q/2010 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



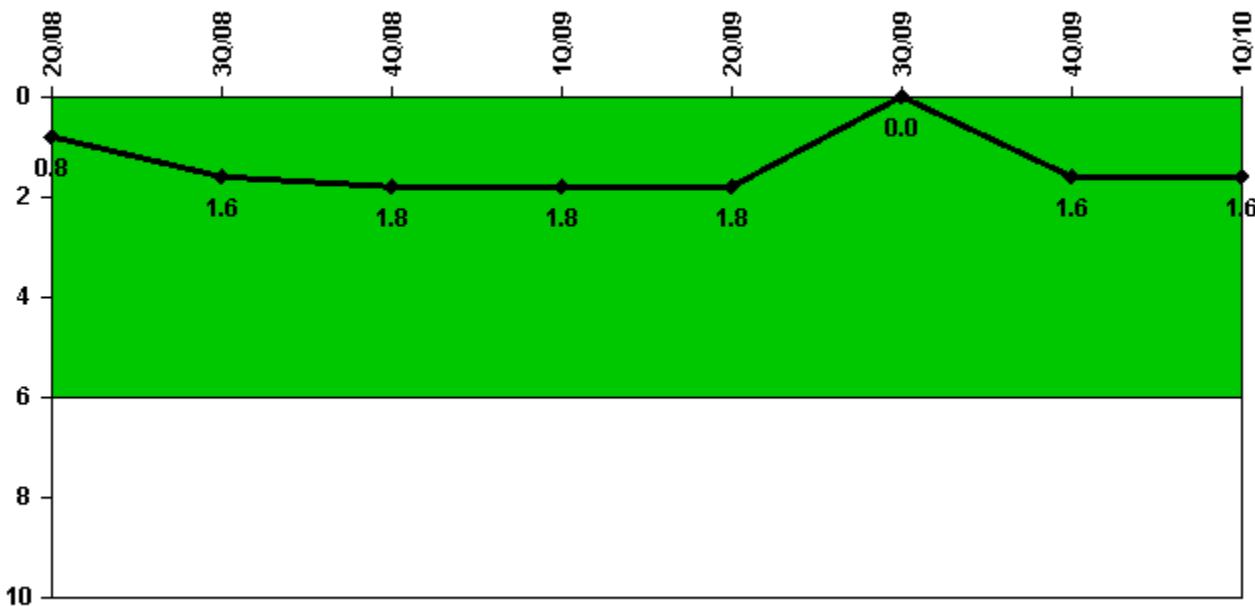
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	0	0	0	0
Critical hours	2184.0	2091.3	1443.0	2159.0	2184.0	2208.0	2209.0	2159.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



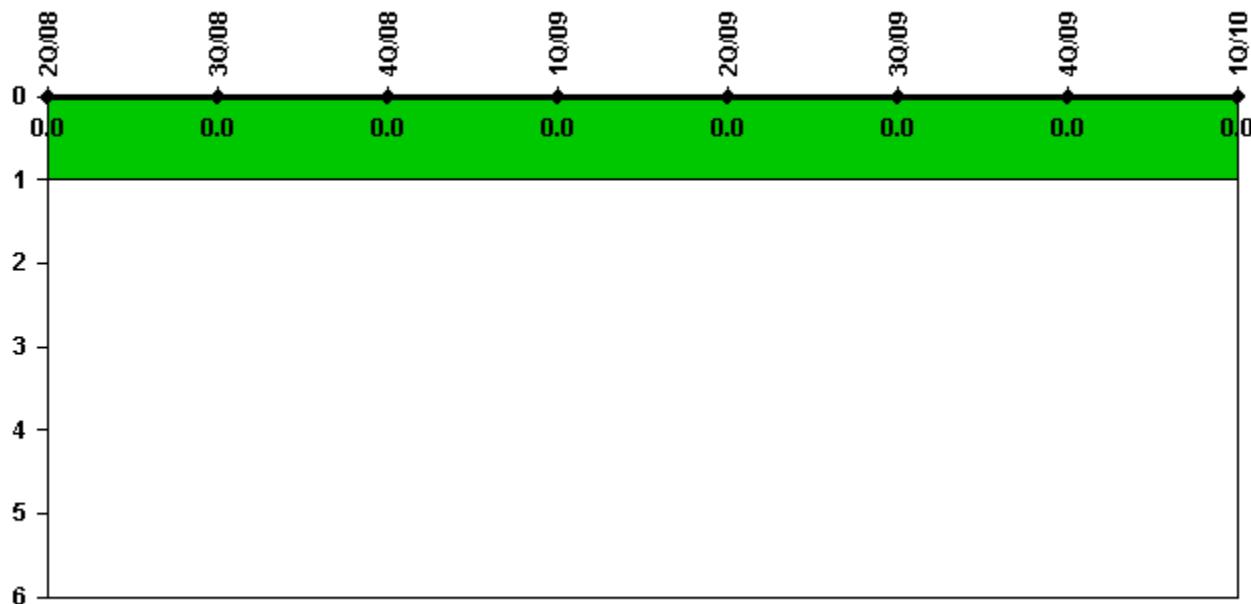
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Unplanned power changes	0	2.0	0	0	0	0	2.0	0
Critical hours	2184.0	2091.3	1443.0	2159.0	2184.0	2208.0	2209.0	2159.0
Indicator value	0.8	1.6	1.8	1.8	1.8	0	1.6	1.6

Licensee Comments: none

Unplanned Scrams with Complications



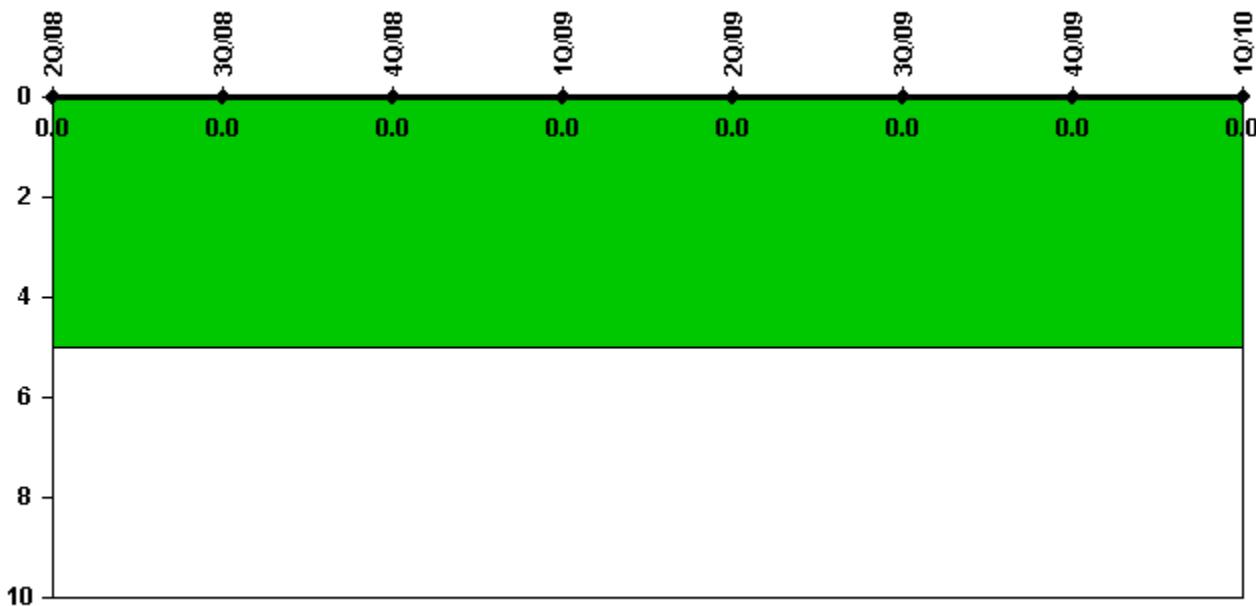
Thresholds: White > 1.0

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

Safety System Functional Failures (PWR)



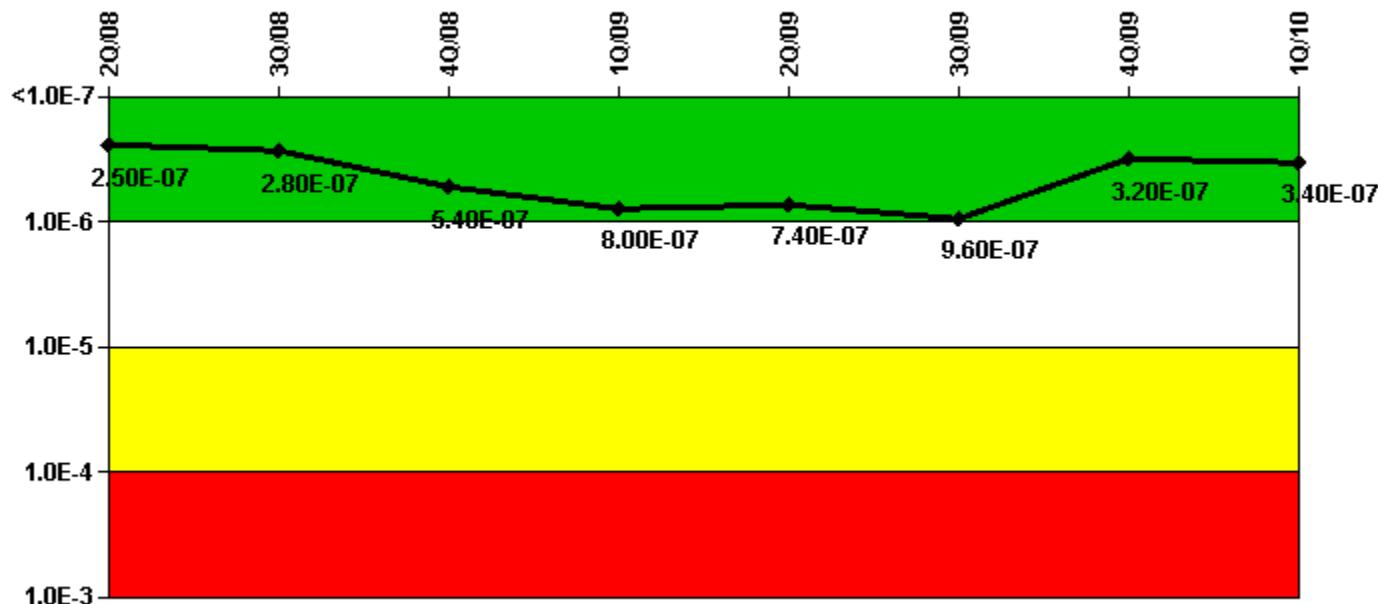
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	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	0	0	0
Indicator value	0	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	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (Δ CDF)	9.07E-08	1.26E-07	1.22E-07	1.69E-07	1.67E-07	1.72E-07	5.63E-08	5.65E-08
URI (Δ CDF)	1.58E-07	1.58E-07	4.19E-07	6.29E-07	5.76E-07	7.85E-07	2.68E-07	2.87E-07
PLE	NO							
Indicator value	2.50E-07	2.80E-07	5.40E-07	8.00E-07	7.40E-07	9.60E-07	3.20E-07	3.40E-07

Licensee Comments:

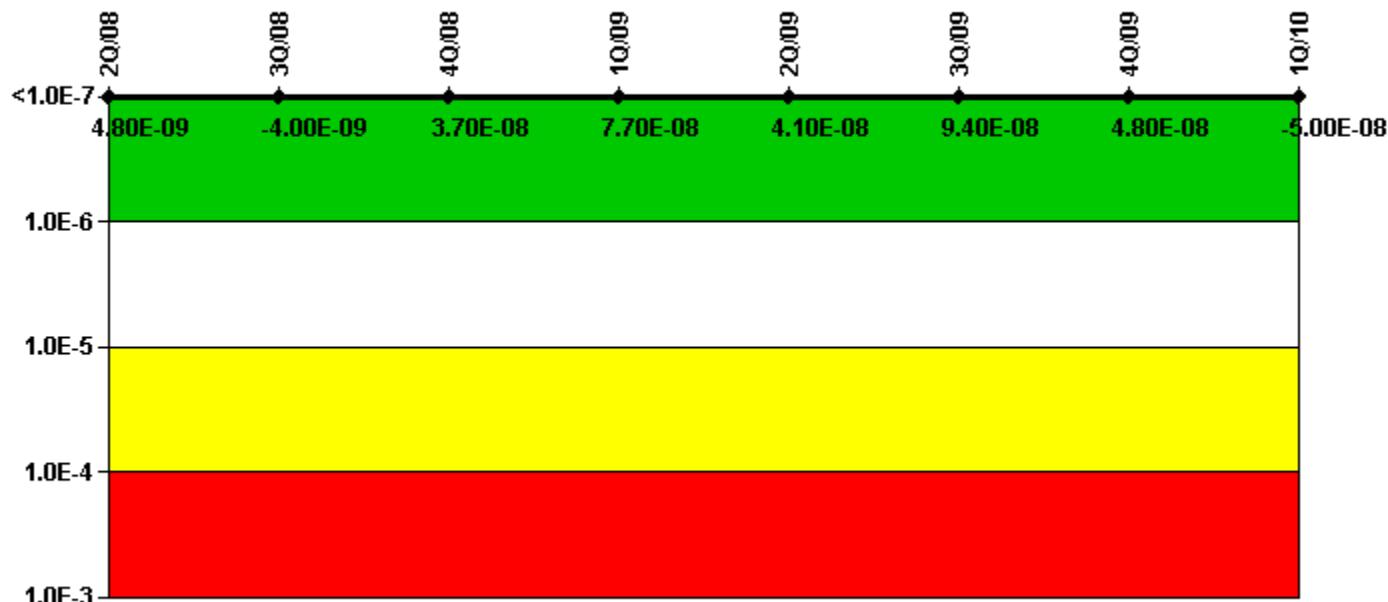
1Q/10: Changes to PRA Parameter(s) were made in 4th quarter 2009 and were appropriately commented for that quarter's submittal.

4Q/09: CDE PRA values were revised to reflect the updated PRA models (for Unit 1 & 2 models) that were approved August 2009. The updated PRA models included the following PRA elements: revised simplified LERF model (Level 2), revised CCF analysis, revised unit 1 success criteria analysis, revised pre-initiating human reliability analysis, revised interfacing system LOCA analysis, and inclusion of containment isolation system fault tree.

1Q/07: A forced override of the Train A FVUAP CDE data was performed to correct a typographical error made during the 4Q/2006 PSA model update data entry. The incorrect value of 1.4303 was corrected to 1.43E-03.

4Q/06: Unit 1 EAC train A FVUAP value was corrected. The September 06 MSPI Basis Document update value of 1.43E-03 was incorrectly entered as 1.4303 (no exponent). This value was corrected on February 8, 2007.

Mitigating Systems Performance Index, High Pressure Injection System



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

Notes

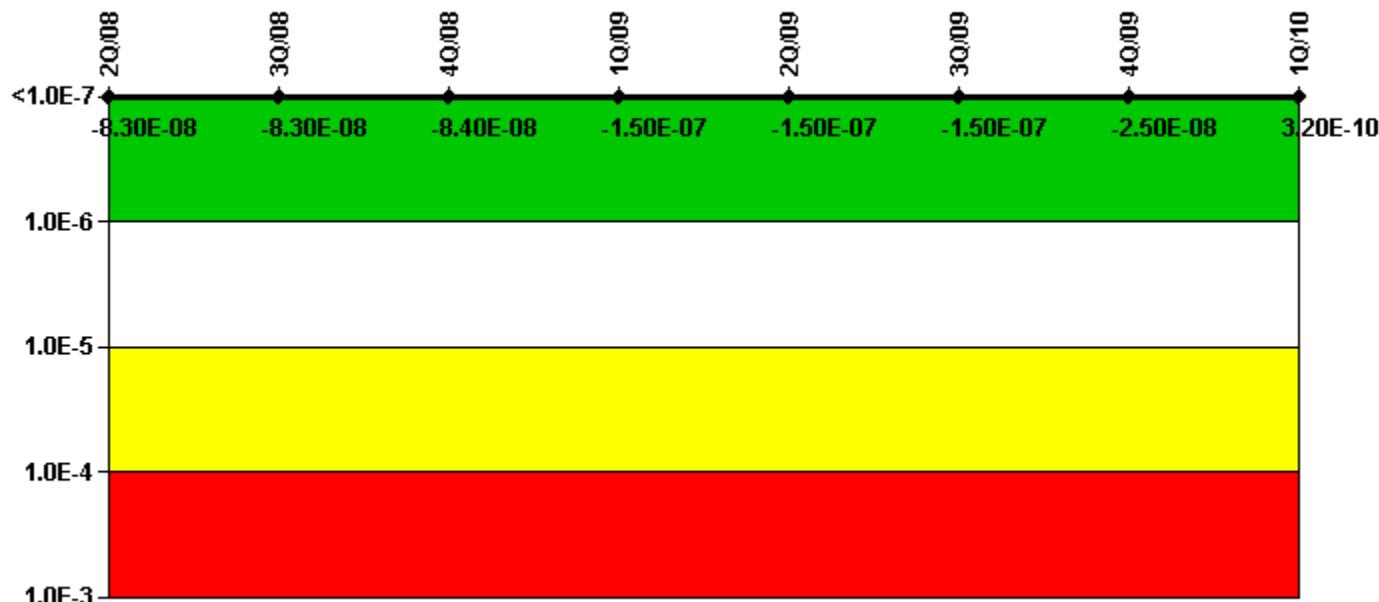
Mitigating Systems Performance Index, High Pressure Injection System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (Δ CDF)	1.11E-07	1.02E-07	1.44E-07	1.84E-07	1.47E-07	2.01E-07	1.76E-07	7.77E-08
URI (Δ CDF)	-1.06E-07	-1.06E-07	-1.06E-07	-1.06E-07	-1.06E-07	-1.06E-07	-1.28E-07	-1.28E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.80E-09	-4.00E-09	3.70E-08	7.70E-08	4.10E-08	9.40E-08	4.80E-08	-5.00E-08

Licensee Comments:

1Q/10: Changes to PRA Parameter(s) were made in 4th quarter 2009 and were appropriately commented for that quarter's submittal.

4Q/09: CDE PRA values were revised to reflect the updated PRA models (for Unit 1 & 2 models) that were approved August 2009. The updated PRA models included the following PRA elements: revised simplified LERF model (Level 2), revised CCF analysis, revised unit 1 success criteria analysis, revised pre-initiating human reliability analysis, revised interfacing system LOCA analysis, and inclusion of containment isolation system fault tree.

Mitigating Systems Performance Index, Heat Removal System



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

Notes

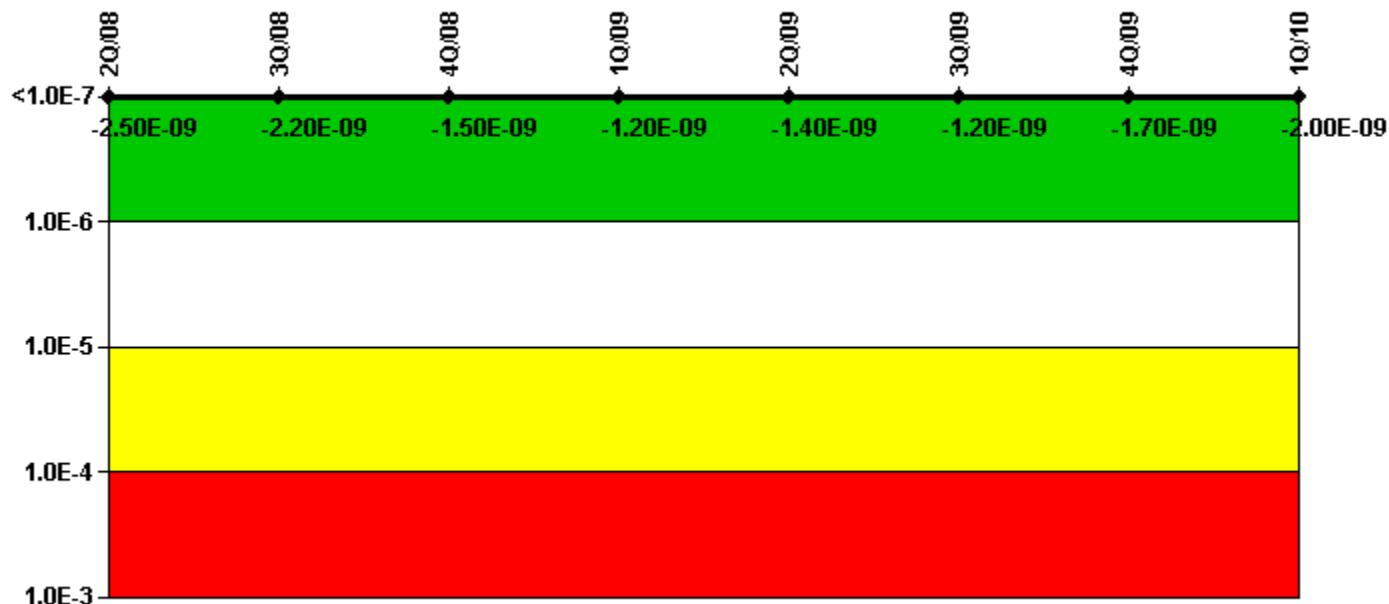
Mitigating Systems Performance Index, Heat Removal System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (Δ CDF)	-1.18E-08	-1.17E-08	-1.23E-08	-3.11E-08	-3.11E-08	-3.11E-08	-4.56E-09	-3.03E-09
URI (Δ CDF)	-7.13E-08	-7.13E-08	-7.13E-08	-1.18E-07	-1.18E-07	-1.18E-07	-2.03E-08	3.35E-09
PLE	NO	NO						
Indicator value	-8.30E-08	-8.30E-08	-8.40E-08	-1.50E-07	-1.50E-07	-1.50E-07	-2.50E-08	3.20E-10

Licensee Comments:

1Q/10: Changes to PRA Parameter(s) were made in 4th quarter 2009 and were appropriately commented for that quarter's submittal.

4Q/09: CDE PRA values were revised to reflect the updated PRA models (for Unit 1 & 2 models) that were approved August 2009. The updated PRA models included the following PRA elements: revised simplified LERF model (Level 2), revised CCF analysis, revised unit 1 success criteria analysis, revised pre-initiating human reliability analysis, revised interfacing system LOCA analysis, and inclusion of containment isolation system fault tree.

Mitigating Systems Performance Index, Residual Heat Removal System



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

Notes

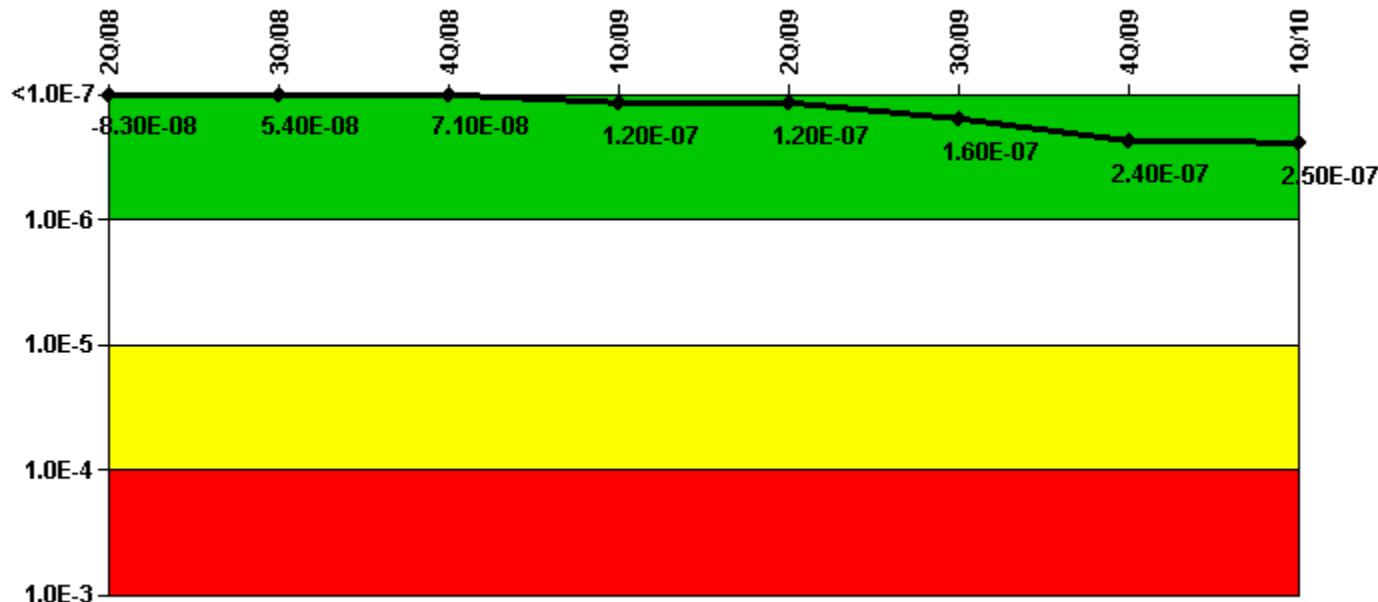
Mitigating Systems Performance Index, Residual Heat Removal System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (Δ CDF)	4.22E-11	2.94E-10	1.03E-09	1.35E-09	1.16E-09	1.33E-09	5.08E-10	2.62E-10
URI (Δ CDF)	-2.53E-09	-2.53E-09	-2.53E-09	-2.53E-09	-2.53E-09	-2.53E-09	-2.25E-09	-2.25E-09
PLE	NO							
Indicator value	-2.50E-09	-2.20E-09	-1.50E-09	-1.20E-09	-1.40E-09	-1.20E-09	-1.70E-09	-2.00E-09

Licensee Comments:

1Q/10: Changes to PRA Parameter(s) were made in 4th quarter 2009 and were appropriately commented for that quarter's submittal.

4Q/09: CDE PRA values were revised to reflect the updated PRA models (for Unit 1 & 2 models) that were approved August 2009. The updated PRA models included the following PRA elements: revised simplified LERF model (Level 2), revised CCF analysis, revised unit 1 success criteria analysis, revised pre-initiating human reliability analysis, revised interfacing system LOCA analysis, and inclusion of containment isolation system fault tree.

Mitigating Systems Performance Index, Cooling Water Systems



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

Notes

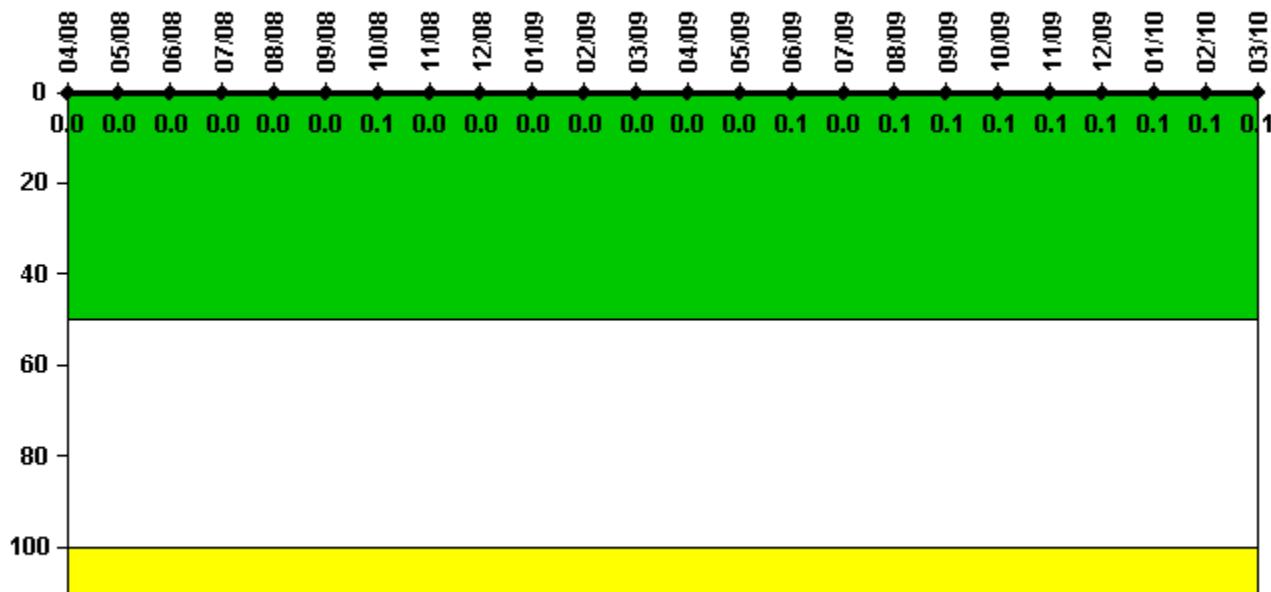
Mitigating Systems Performance Index, Cooling Water Systems	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (Δ CDF)	-7.23E-08	6.42E-08	8.19E-08	1.29E-07	1.33E-07	1.74E-07	2.78E-07	2.88E-07
URI (Δ CDF)	-1.05E-08	-1.05E-08	-1.05E-08	-1.05E-08	-1.05E-08	-1.05E-08	-3.64E-08	-3.64E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-8.30E-08	5.40E-08	7.10E-08	1.20E-07	1.20E-07	1.60E-07	2.40E-07	2.50E-07

Licensee Comments:

1Q/10: Changes to PRA Parameter(s) were made in 4th quarter 2009 and were appropriately commented for that quarter's submittal.

4Q/09: CDE PRA values were revised to reflect the updated PRA models (for Unit 1 & 2 models) that were approved August 2009. The updated PRA models included the following PRA elements: revised simplified LERF model (Level 2), revised CCF analysis, revised unit 1 success criteria analysis, revised pre-initiating human reliability analysis, revised interfacing system LOCA analysis, and inclusion of containment isolation system fault tree.

Reactor Coolant System Activity



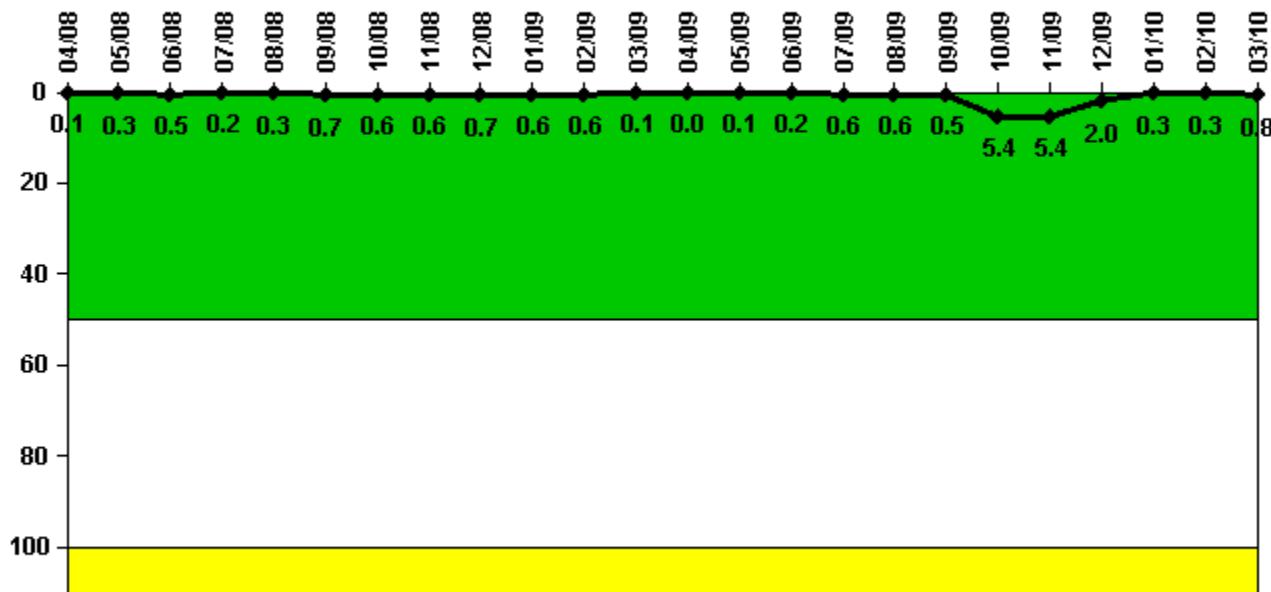
Thresholds: White > 50.0 Yellow > 100.0

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	0.000356	0.000414	0.000347	0.000362	0.000356	0.000400	0.000610	0.000140	0.000250	0.000252	0.000273	0.000277
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0.1	0	0	0	0	0
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	0.000298	0.000288	0.000530	0.000494	0.000548	0.000576	0.000579	0.000577	0.000612	0.000695	0.000720	0.001000
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0.1	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



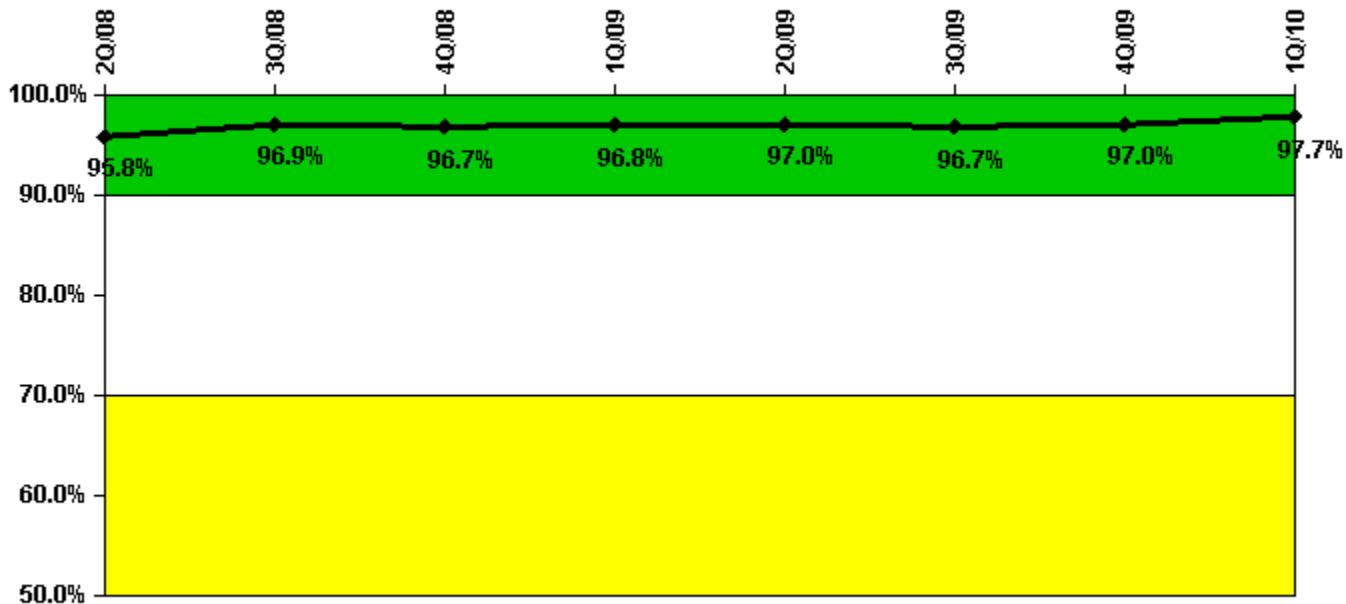
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	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	0.005	0.030	0.050	0.020	0.030	0.070	0.060	0.060	0.070	0.060	0.060	0.010
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.3	0.5	0.2	0.3	0.7	0.6	0.6	0.7	0.6	0.6	0.1
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	0	0.009	0.015	0.057	0.060	0.050	0.540	0.540	0.200	0.030	0.030	0.080
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0.1	0.2	0.6	0.6	0.5	5.4	5.4	2.0	0.3	0.3	0.8

Licensee Comments: none

Drill/Exercise Performance



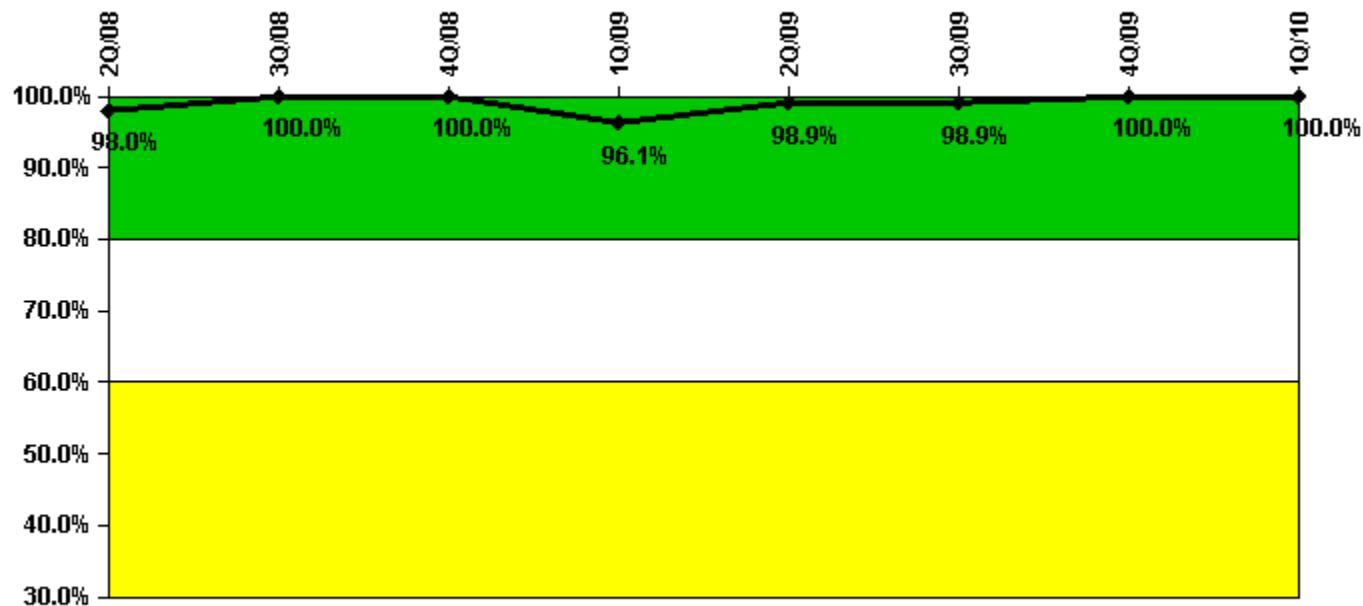
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Successful opportunities	48.0	68.0	16.0	39.0	26.0	51.0	74.0	21.0
Total opportunities	51.0	69.0	17.0	39.0	26.0	53.0	75.0	21.0
Indicator value	95.8%	96.9%	96.7%	96.8%	97.0%	96.7%	97.0%	97.7%

Licensee Comments: none

ERO Drill Participation



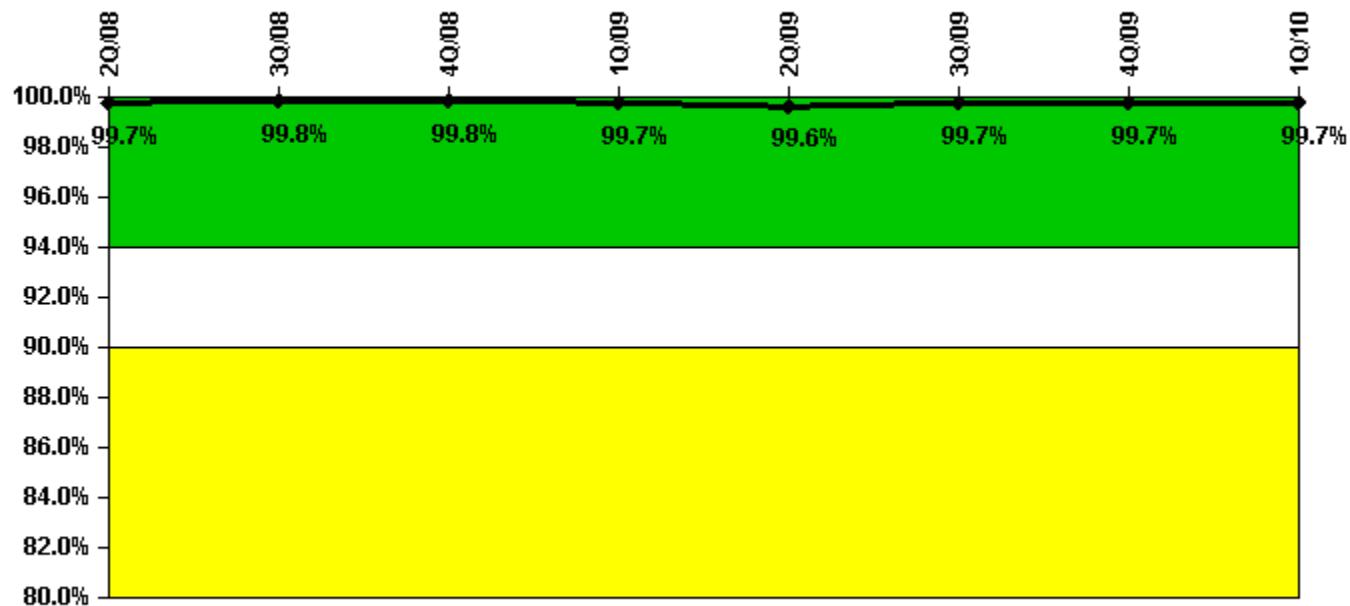
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Participating Key personnel	96.0	97.0	103.0	99.0	93.0	92.0	96.0	93.0
Total Key personnel	98.0	97.0	103.0	103.0	94.0	93.0	96.0	93.0
Indicator value	98.0%	100.0%	100.0%	96.1%	98.9%	98.9%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



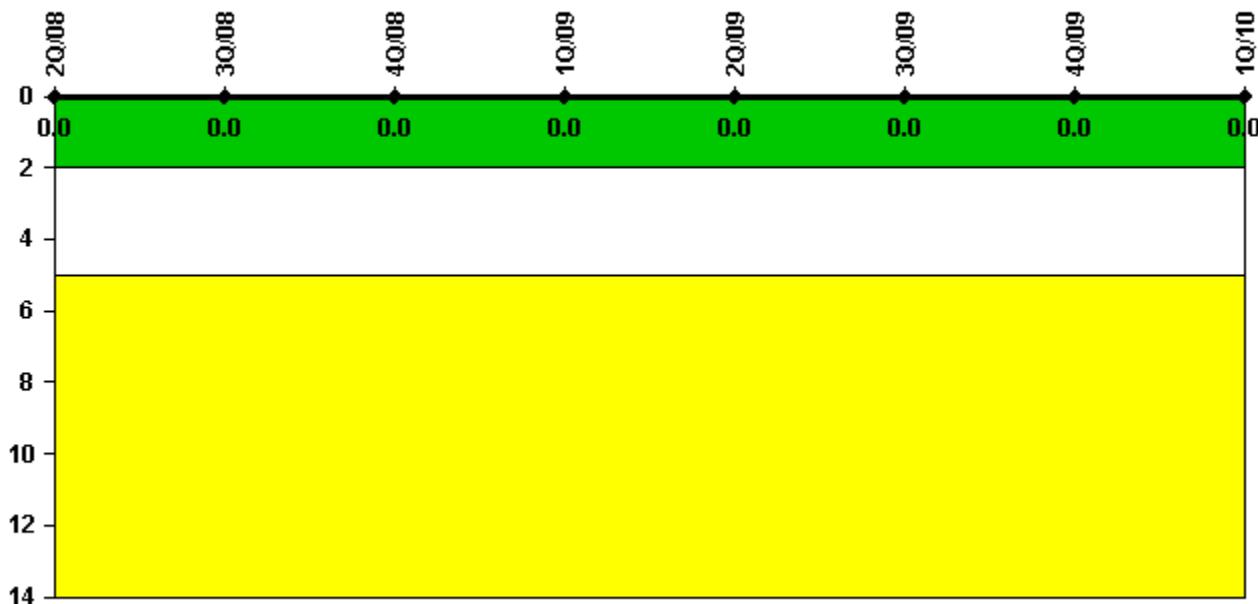
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Successful siren-tests	719	627	720	626	717	630	718	627
Total sirens-tests	720	630	720	630	720	630	720	630
Indicator value	99.7%	99.8%	99.8%	99.7%	99.6%	99.7%	99.7%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



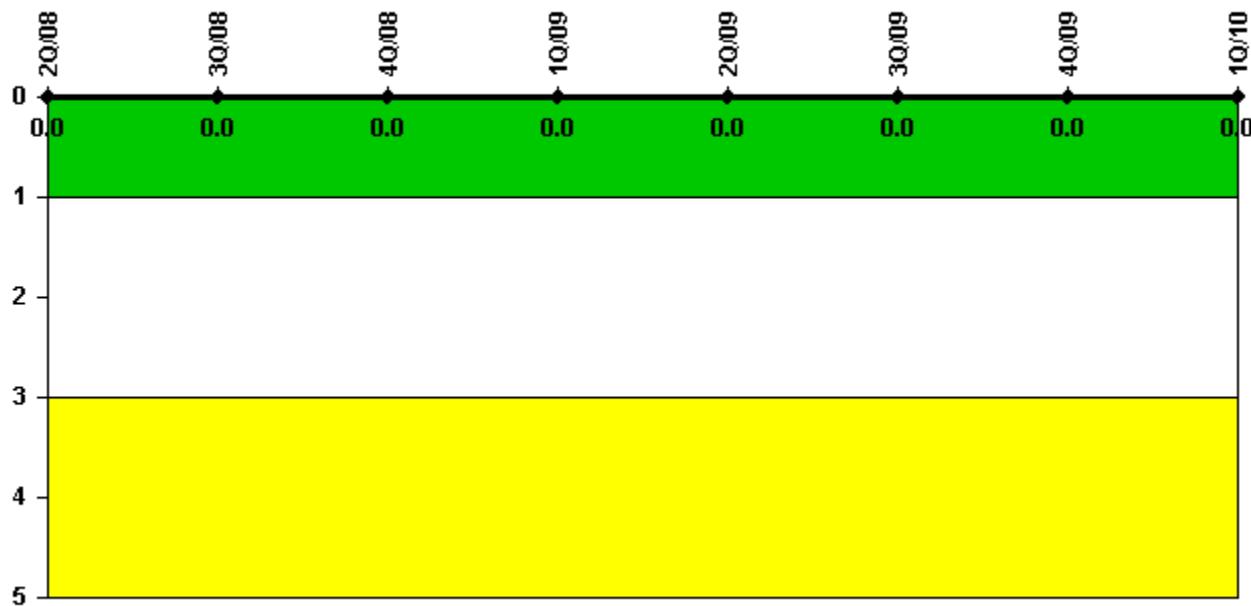
Thresholds: White > 2.0 Yellow > 5.0

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
Indicator value	0							

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

[Security](#) information not publicly available.

Saint Lucie 1

2Q/2010 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



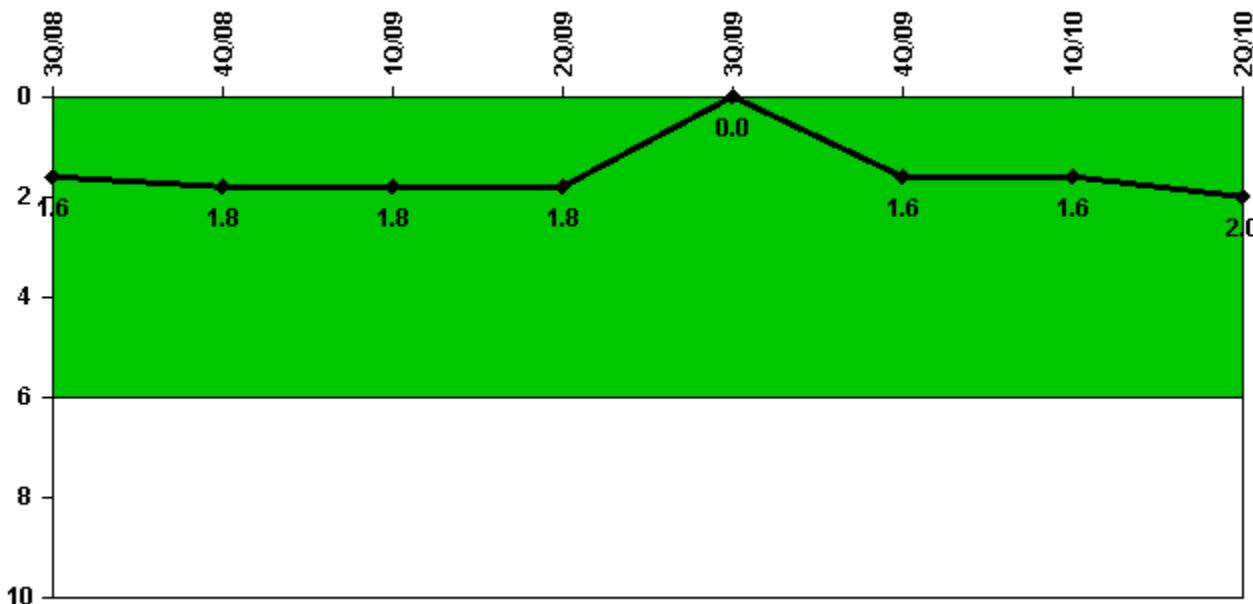
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	0	0	0	0	1.0
Critical hours	2091.3	1443.0	2159.0	2184.0	2208.0	2209.0	2159.0	291.8
Indicator value	0	0	0	0	0	0	0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



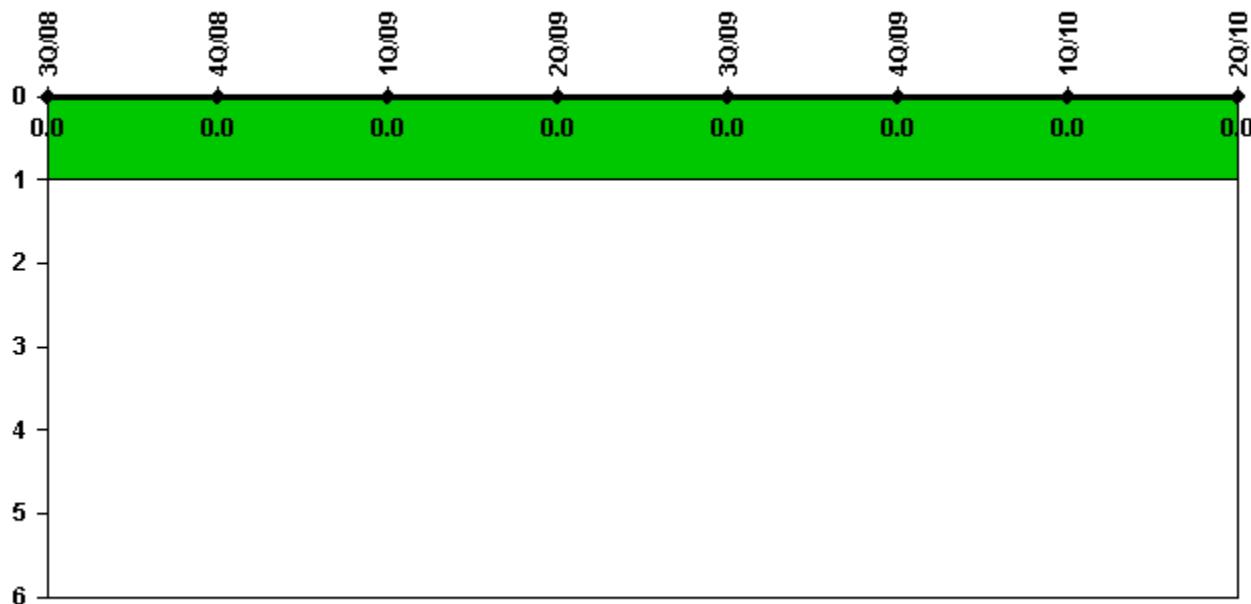
Thresholds: White > 6.0

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	2.0	0	0	0	0	2.0	0	0
Critical hours	2091.3	1443.0	2159.0	2184.0	2208.0	2209.0	2159.0	291.8
Indicator value	1.6	1.8	1.8	1.8	0	1.6	1.6	2.0

Licensee Comments: none

Unplanned Scrams with Complications



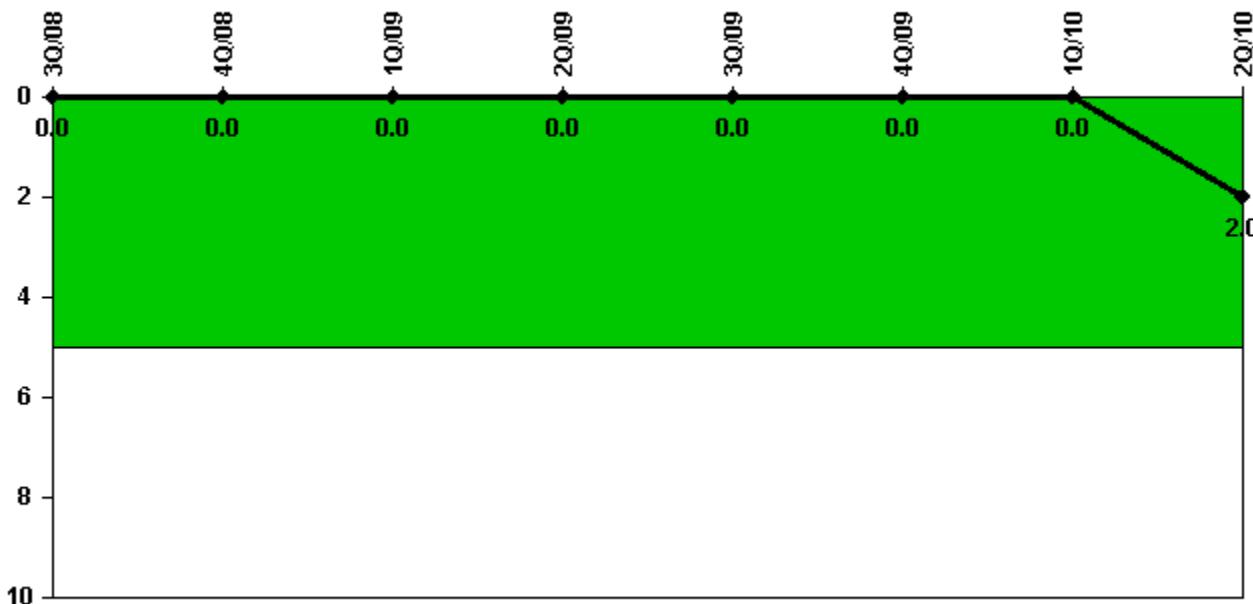
Thresholds: White > 1.0

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

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

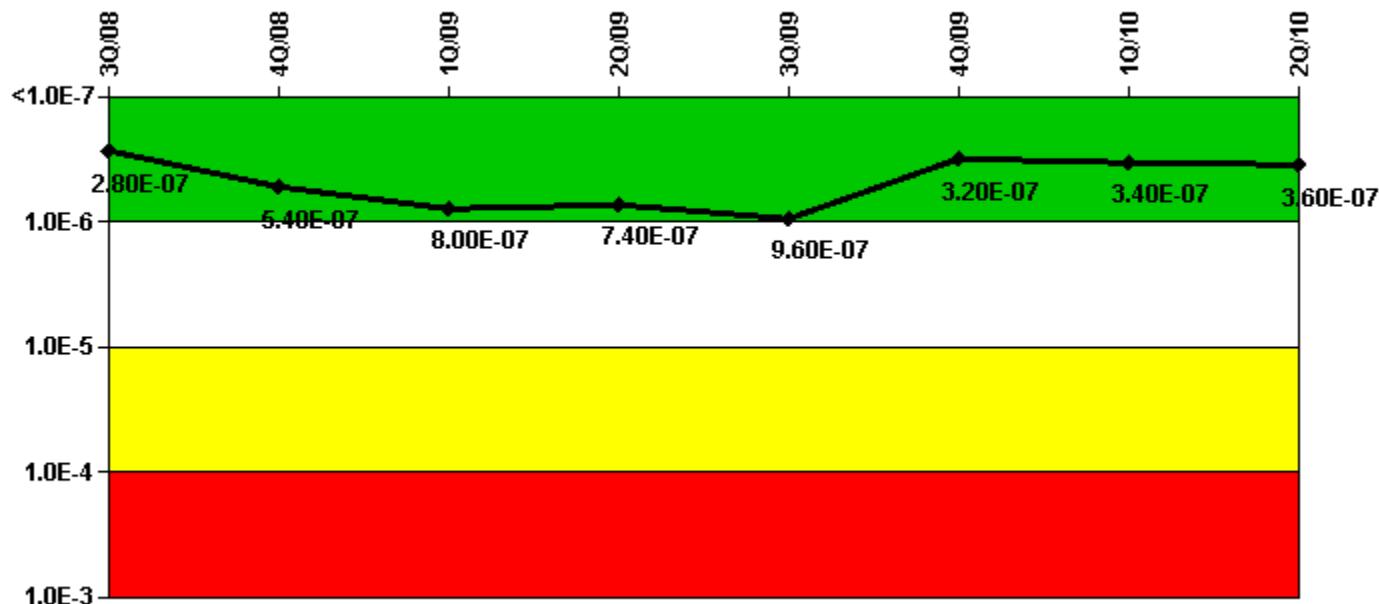
Notes

Safety System Functional Failures (PWR)	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Safety System Functional Failures	0	0	0	0	0	0	0	2
Indicator value	0	0	0	0	0	0	0	2

Licensee Comments:

2Q/10: April SSFF documented in LER 50-335/2010-001-00, June SSFF documented in LER 50-335/2010-002-00

Mitigating Systems Performance Index, Emergency AC Power System



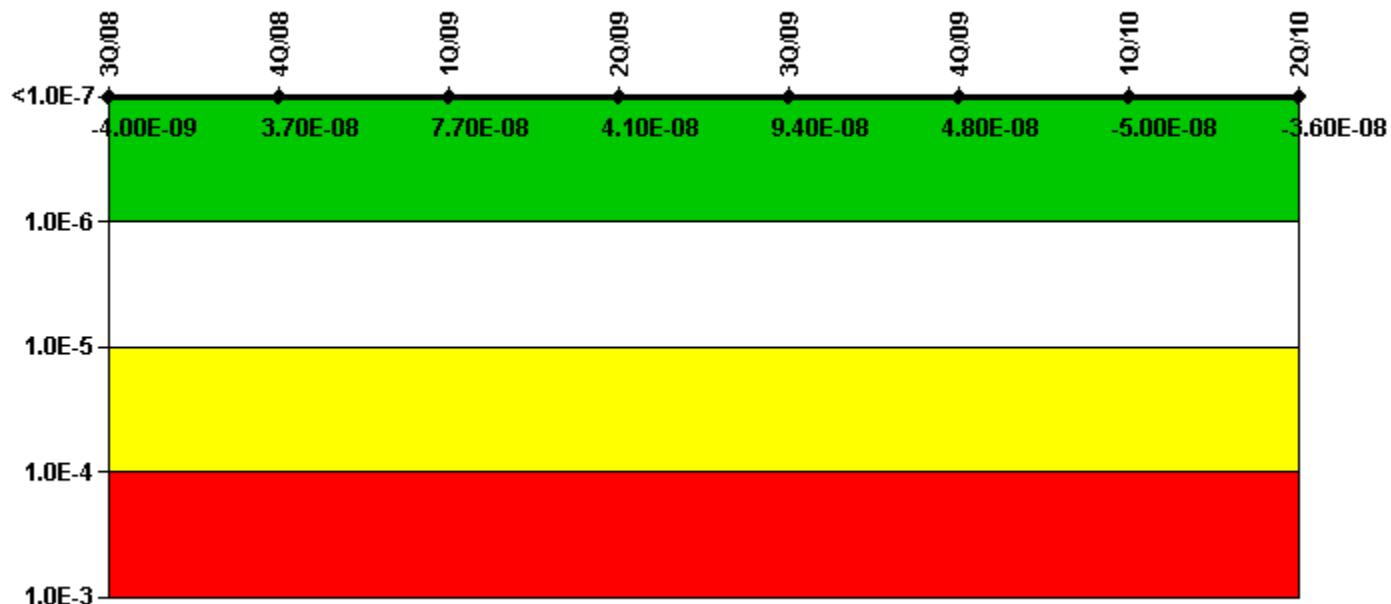
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (Δ CDF)	1.26E-07	1.22E-07	1.69E-07	1.67E-07	1.72E-07	5.63E-08	5.65E-08	5.06E-08
URI (Δ CDF)	1.58E-07	4.19E-07	6.29E-07	5.76E-07	7.85E-07	2.68E-07	2.87E-07	3.05E-07
PLE	NO							
Indicator value	2.80E-07	5.40E-07	8.00E-07	7.40E-07	9.60E-07	3.20E-07	3.40E-07	3.60E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



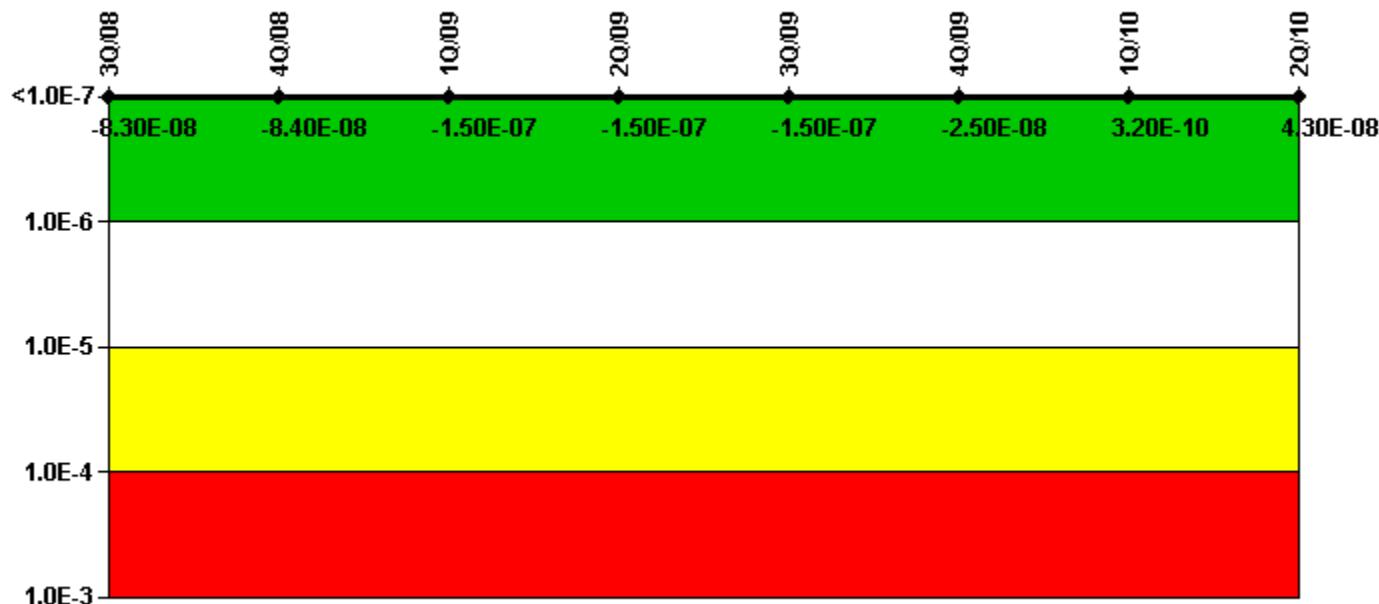
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (Δ CDF)	1.02E-07	1.44E-07	1.84E-07	1.47E-07	2.01E-07	1.76E-07	7.77E-08	9.18E-08
URI (Δ CDF)	-1.06E-07	-1.06E-07	-1.06E-07	-1.06E-07	-1.06E-07	-1.28E-07	-1.28E-07	-1.28E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.00E-09	3.70E-08	7.70E-08	4.10E-08	9.40E-08	4.80E-08	-5.00E-08	-3.60E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



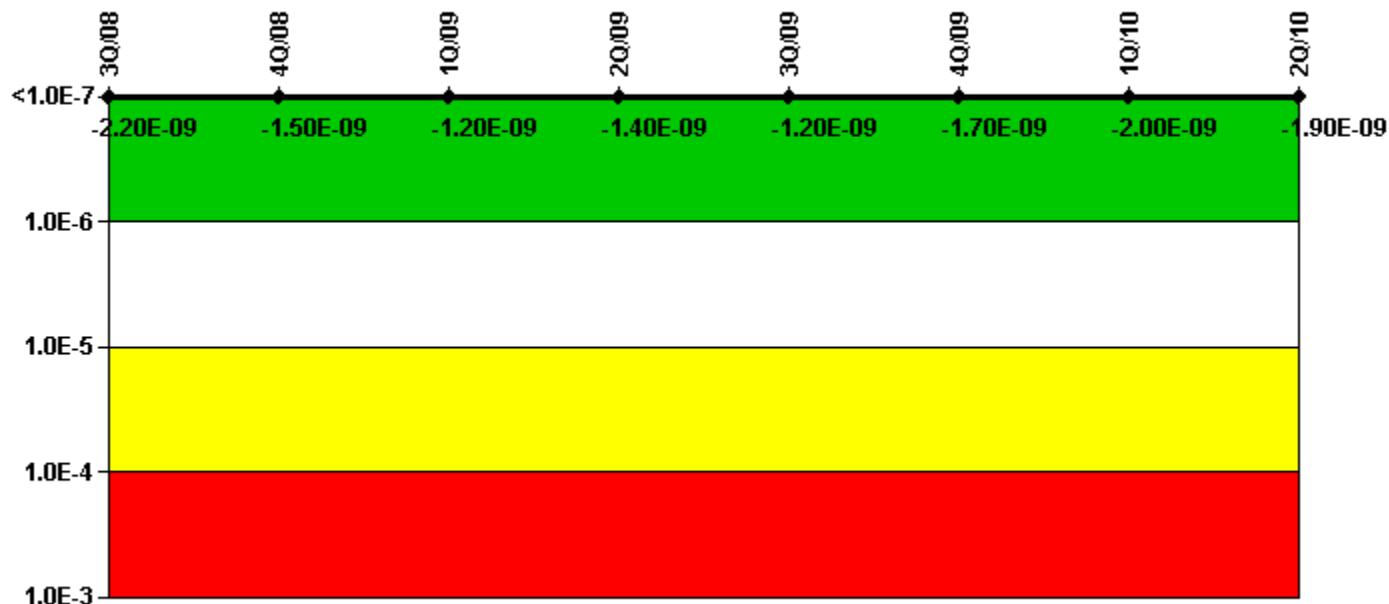
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (Δ CDF)	-1.17E-08	-1.23E-08	-3.11E-08	-3.11E-08	-3.11E-08	-4.56E-09	-3.03E-09	7.14E-09
URI (Δ CDF)	-7.13E-08	-7.13E-08	-1.18E-07	-1.18E-07	-1.18E-07	-2.03E-08	3.35E-09	3.56E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-8.30E-08	-8.40E-08	-1.50E-07	-1.50E-07	-1.50E-07	-2.50E-08	3.20E-10	4.30E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



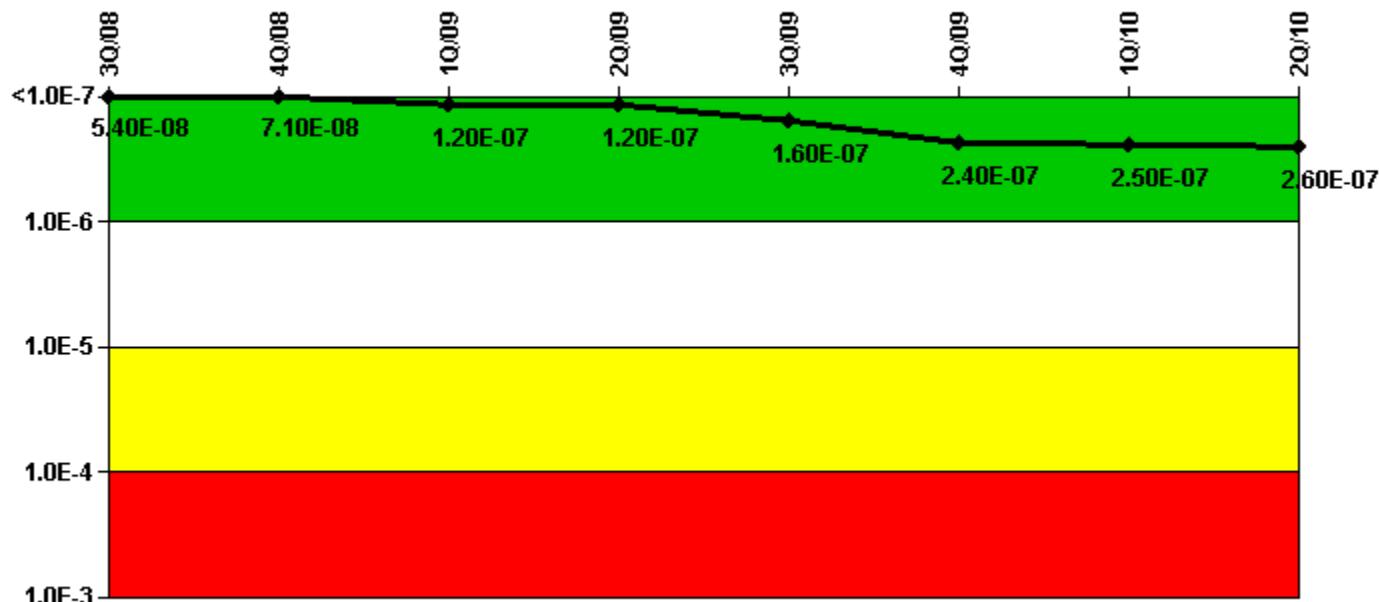
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (Δ CDF)	2.94E-10	1.03E-09	1.35E-09	1.16E-09	1.33E-09	5.08E-10	2.62E-10	3.09E-10
URI (Δ CDF)	-2.53E-09	-2.53E-09	-2.53E-09	-2.53E-09	-2.53E-09	-2.25E-09	-2.25E-09	-2.25E-09
PLE	NO							
Indicator value	-2.20E-09	-1.50E-09	-1.20E-09	-1.40E-09	-1.20E-09	-1.70E-09	-2.00E-09	-1.90E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



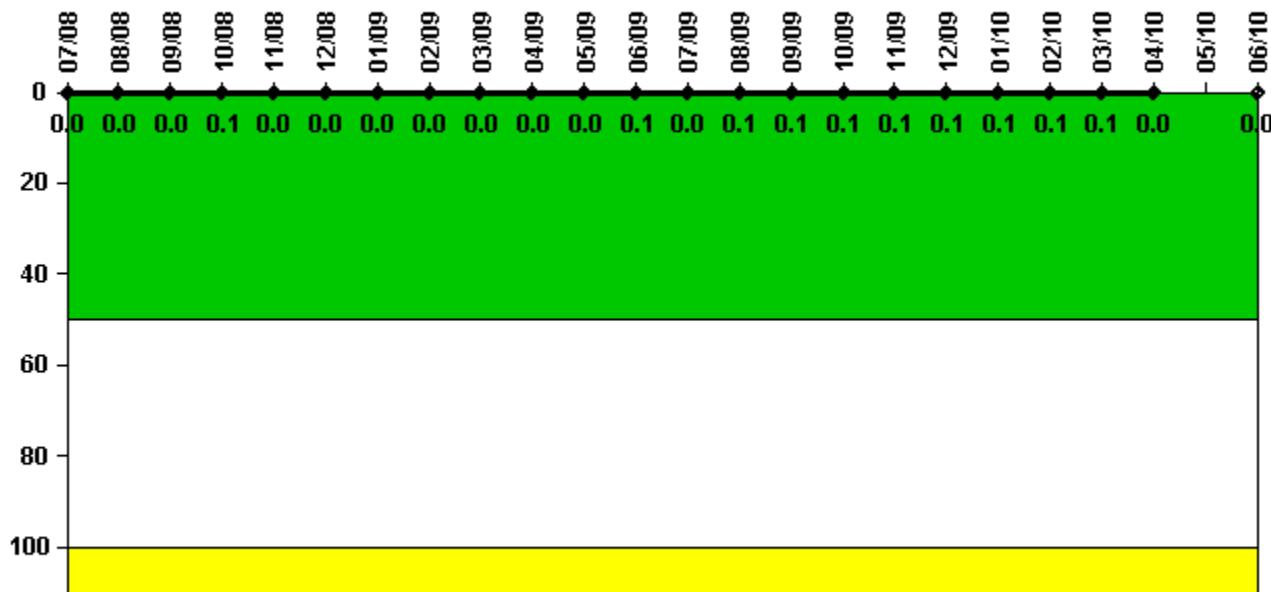
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (Δ CDF)	6.42E-08	8.19E-08	1.29E-07	1.33E-07	1.74E-07	2.78E-07	2.88E-07	2.92E-07
URI (Δ CDF)	-1.05E-08	-1.05E-08	-1.05E-08	-1.05E-08	-1.05E-08	-3.64E-08	-3.64E-08	-3.64E-08
PLE	NO							
Indicator value	5.40E-08	7.10E-08	1.20E-07	1.20E-07	1.60E-07	2.40E-07	2.50E-07	2.60E-07

Licensee Comments: none

Reactor Coolant System Activity



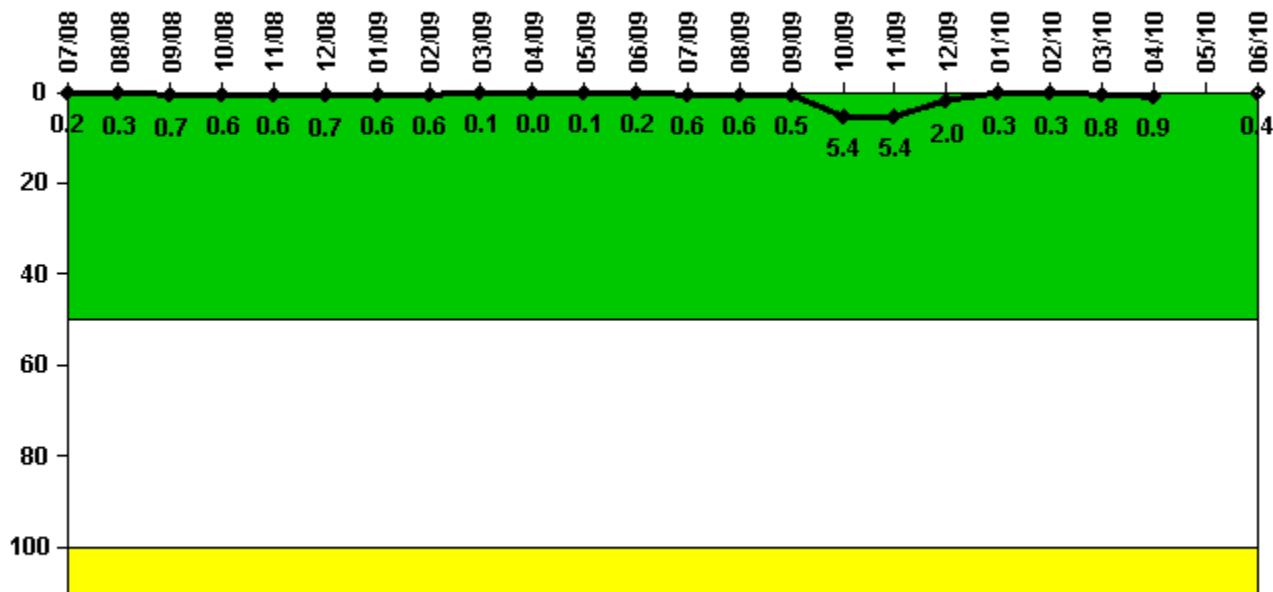
Thresholds: White > 50.0 Yellow > 100.0

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	0.000362	0.000356	0.000400	0.000610	0.000140	0.000250	0.000252	0.000273	0.000277	0.000298	0.000288	0.000530
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0.1	0	0	0	0	0	0	0	0.1
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	0.000494	0.000548	0.000576	0.000579	0.000577	0.000612	0.000695	0.000720	0.001000	0.000364	N/A	0.000130
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0	N/A	0

Licensee Comments: none

Reactor Coolant System Leakage



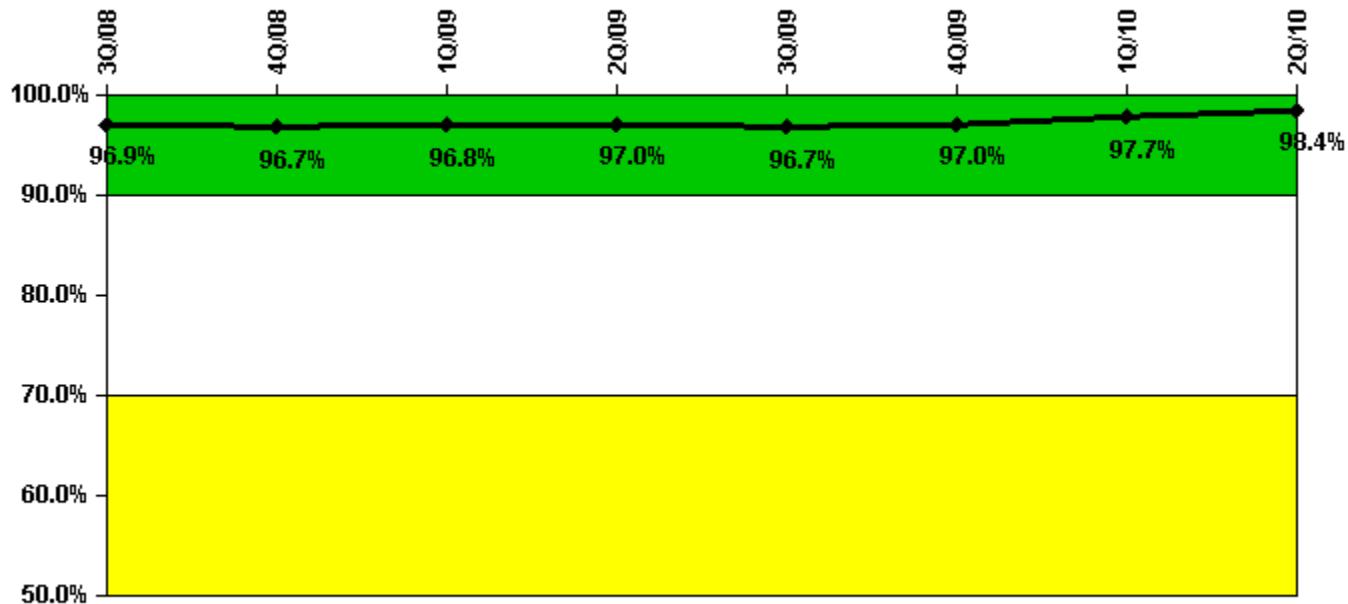
Thresholds: White > 50.0 Yellow > 100.0

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	0.020	0.030	0.070	0.060	0.060	0.070	0.060	0.060	0.010	0	0.009	0.015
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.3	0.7	0.6	0.6	0.7	0.6	0.6	0.1	0	0.1	0.2
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	0.057	0.060	0.050	0.540	0.540	0.200	0.030	0.030	0.080	0.090	N/A	0.035
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.6	0.6	0.5	5.4	5.4	2.0	0.3	0.3	0.8	0.9	N/A	0.4

Licensee Comments: none

Drill/Exercise Performance



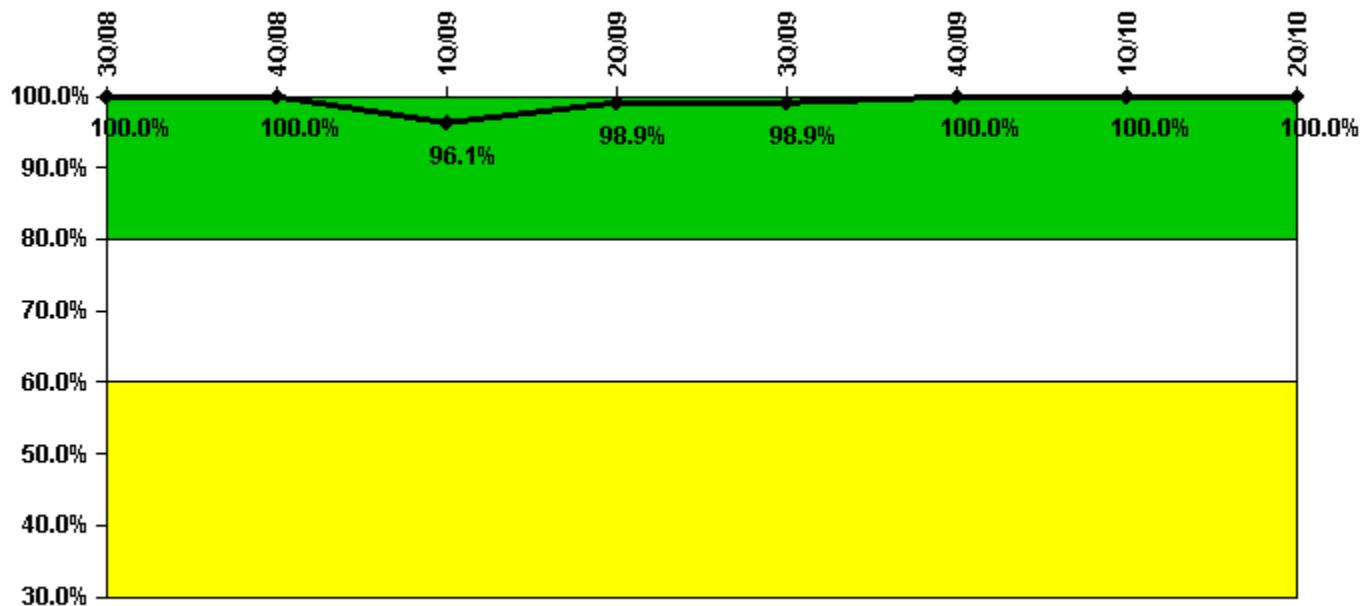
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Successful opportunities	68.0	16.0	39.0	26.0	51.0	74.0	21.0	9.0
Total opportunities	69.0	17.0	39.0	26.0	53.0	75.0	21.0	9.0
Indicator value	96.9%	96.7%	96.8%	97.0%	96.7%	97.0%	97.7%	98.4%

Licensee Comments: none

ERO Drill Participation



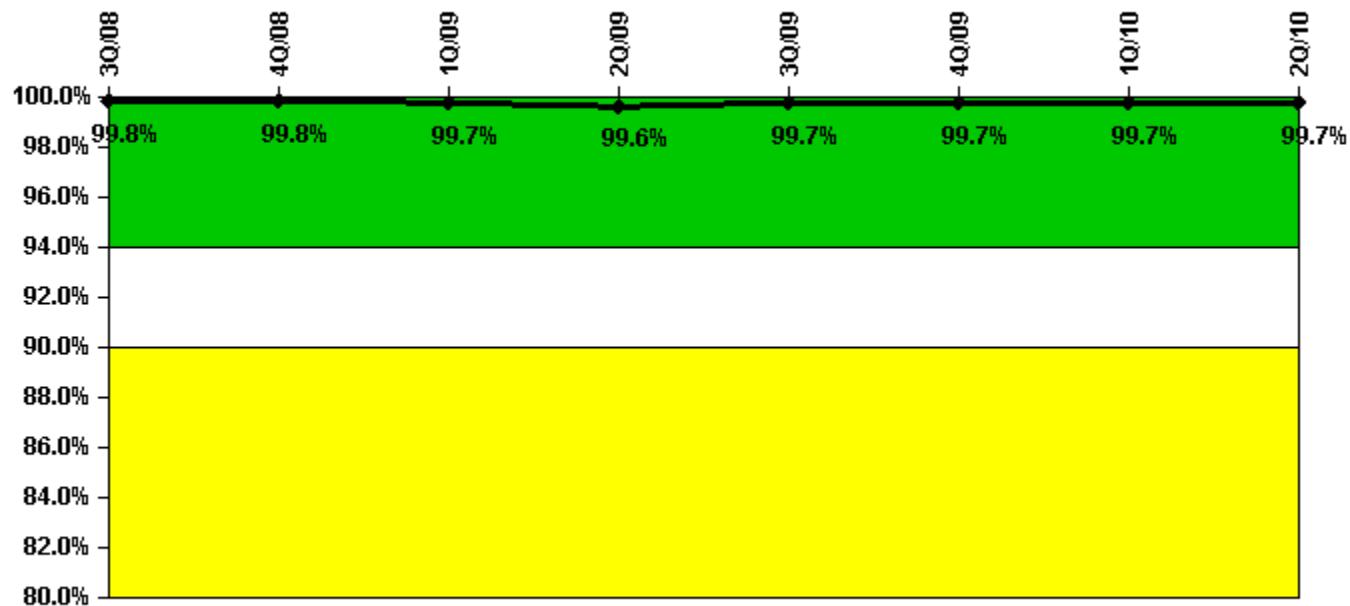
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Participating Key personnel	97.0	103.0	99.0	93.0	92.0	96.0	93.0	91.0
Total Key personnel	97.0	103.0	103.0	94.0	93.0	96.0	93.0	91.0
Indicator value	100.0%	100.0%	96.1%	98.9%	98.9%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



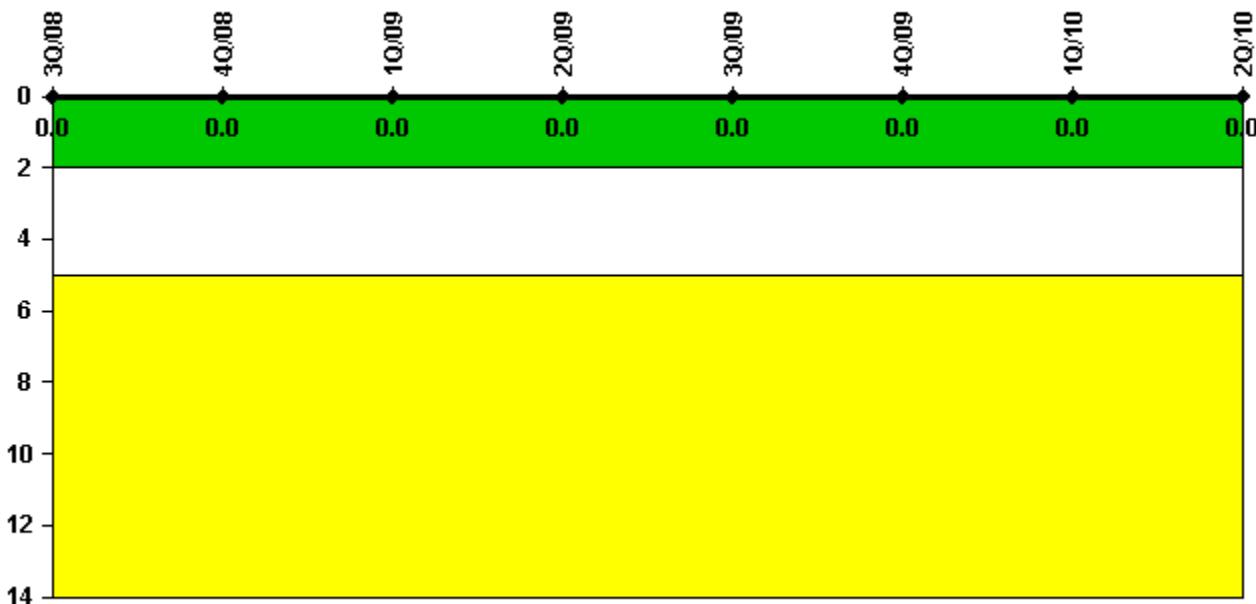
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Successful siren-tests	627	720	626	717	630	718	627	718
Total sirens-tests	630	720	630	720	630	720	630	720
Indicator value	99.8%	99.8%	99.7%	99.6%	99.7%	99.7%	99.7%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



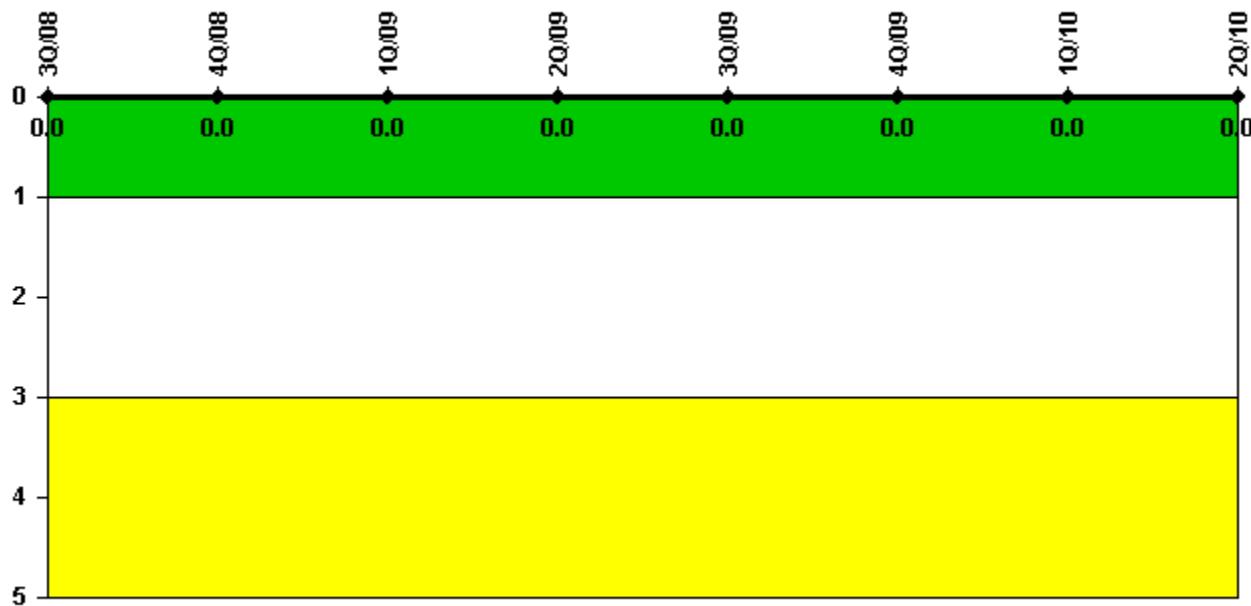
Thresholds: White > 2.0 Yellow > 5.0

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
Indicator value	0							

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

Security information not publicly available.



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

Last Modified: July 26, 2010

Saint Lucie 1

3Q/2010 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs

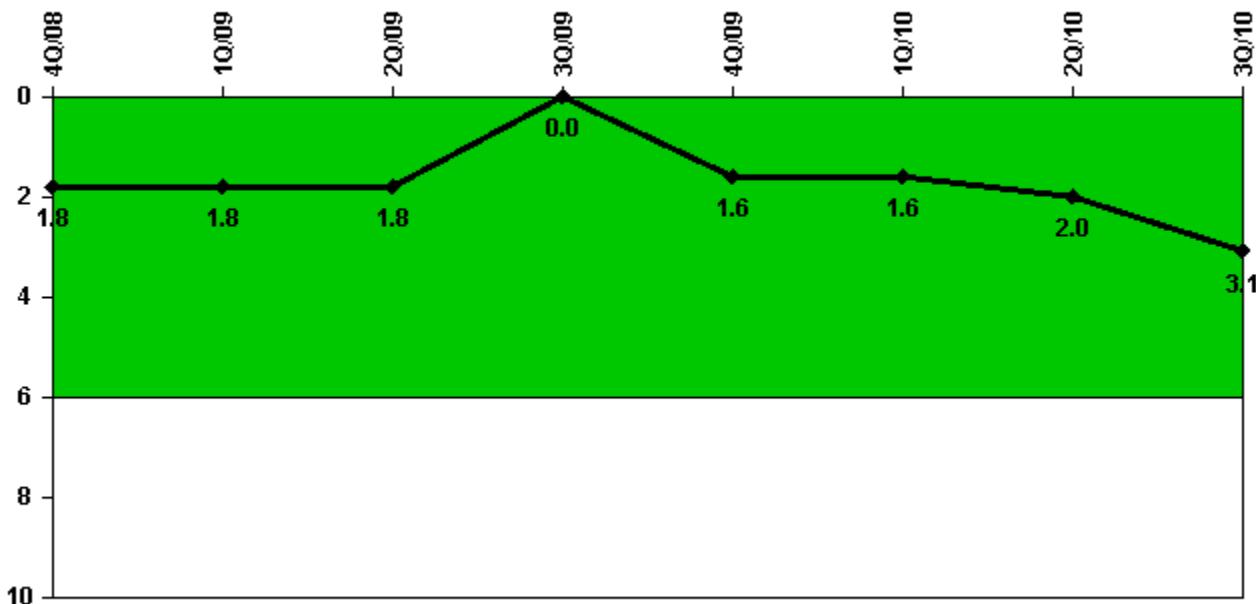


Notes

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	0	0	0	0	1.0	0
Critical hours	1443.0	2159.0	2184.0	2208.0	2209.0	2159.0	291.8	2208.0
Indicator value	0	0	0	0	0	0	1.0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



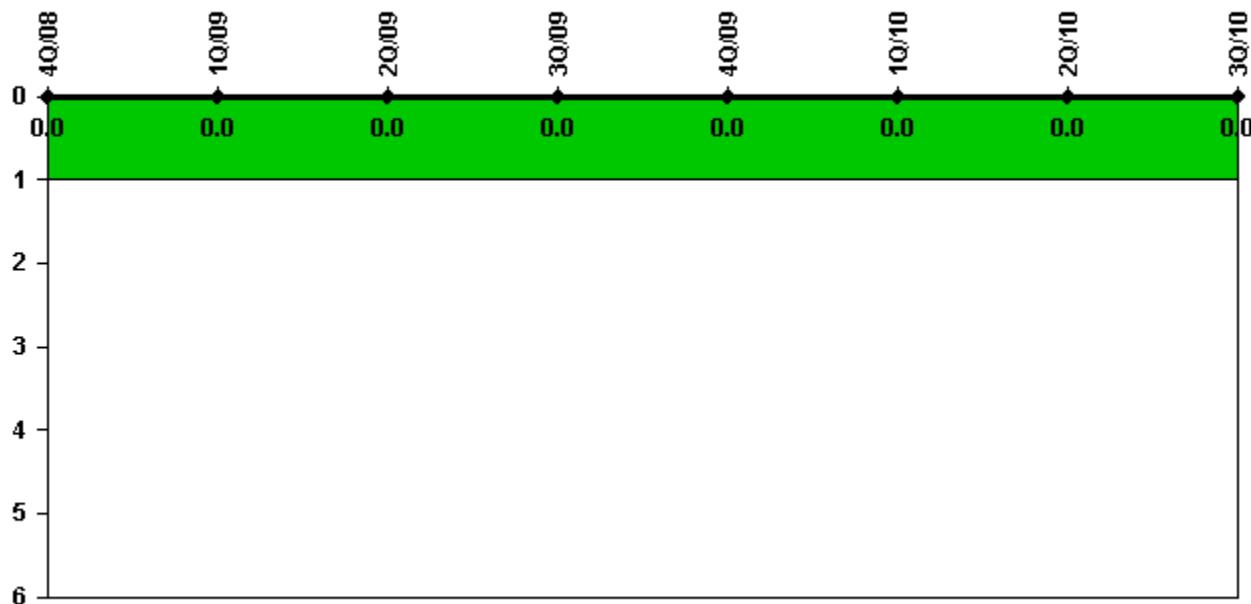
Thresholds: White > 6.0

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	2.0	0	0	1.0
Critical hours	1443.0	2159.0	2184.0	2208.0	2209.0	2159.0	291.8	2208.0
Indicator value	1.8	1.8	1.8	0	1.6	1.6	2.0	3.1

Licensee Comments: none

Unplanned Scrams with Complications



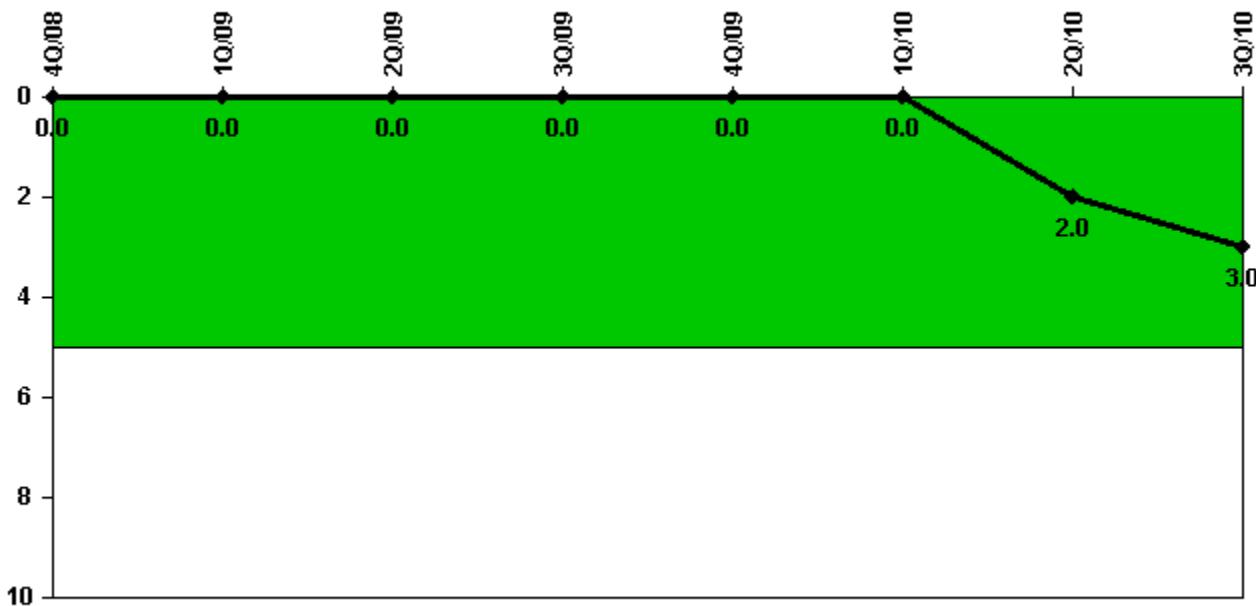
Thresholds: White > 1.0

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

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

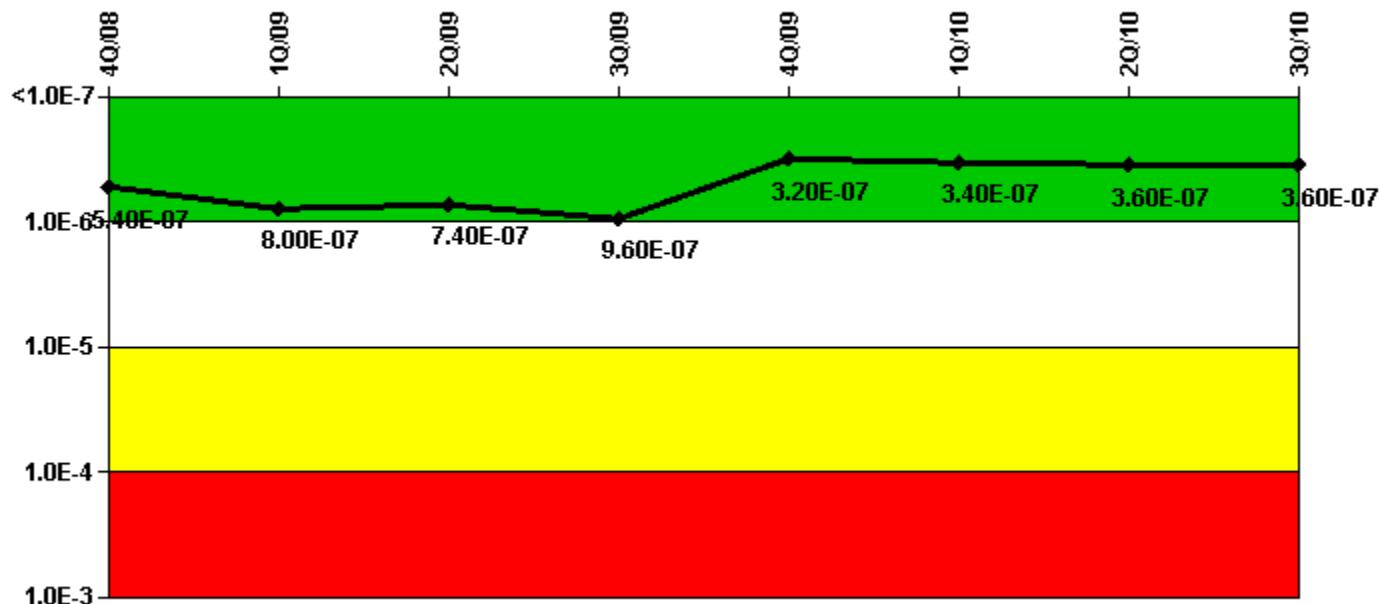
Notes

Safety System Functional Failures (PWR)	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Safety System Functional Failures	0	0	0	0	0	0	2	1
Indicator value	0	0	0	0	0	0	2	3

Licensee Comments:

3Q/10: Unit 1 LER 2010-004 dated 7/16/2010 - Operation in a Condition Prohibited by Technical Specifications for the Shield Building Ventilation System.

Mitigating Systems Performance Index, Emergency AC Power System



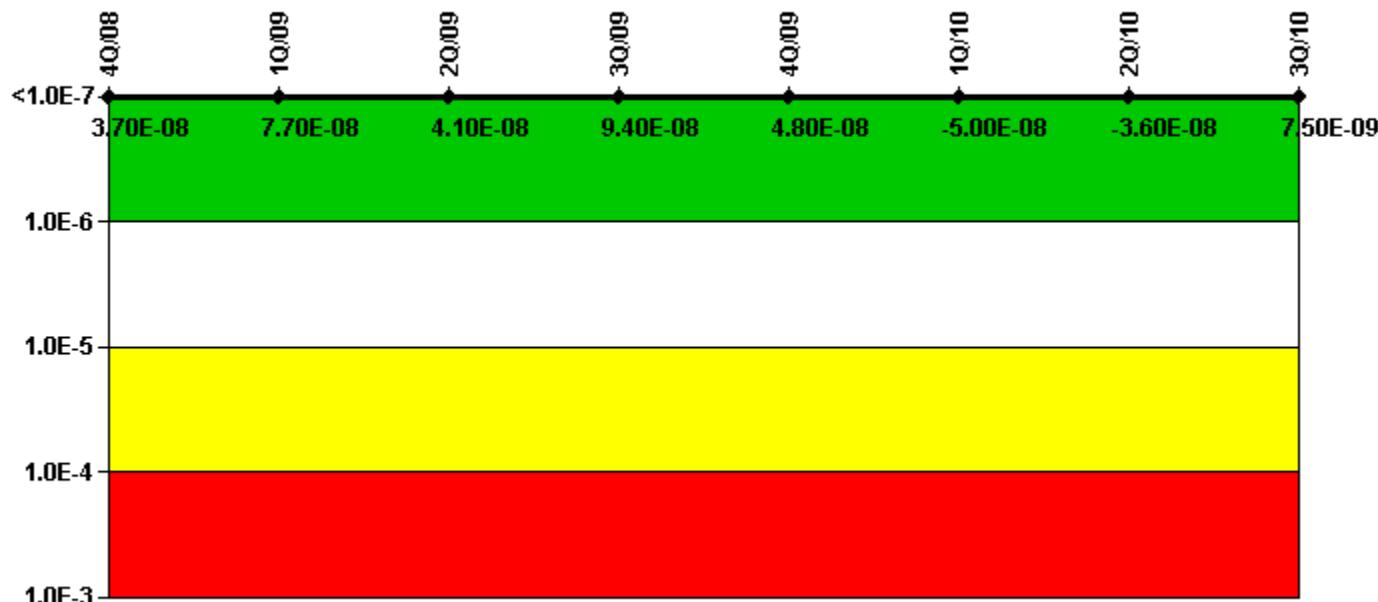
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (Δ CDF)	1.22E-07	1.69E-07	1.67E-07	1.72E-07	5.63E-08	5.65E-08	5.06E-08	5.36E-08
URI (Δ CDF)	4.19E-07	6.29E-07	5.76E-07	7.85E-07	2.68E-07	2.87E-07	3.05E-07	3.05E-07
PLE	NO							
Indicator value	5.40E-07	8.00E-07	7.40E-07	9.60E-07	3.20E-07	3.40E-07	3.60E-07	3.60E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



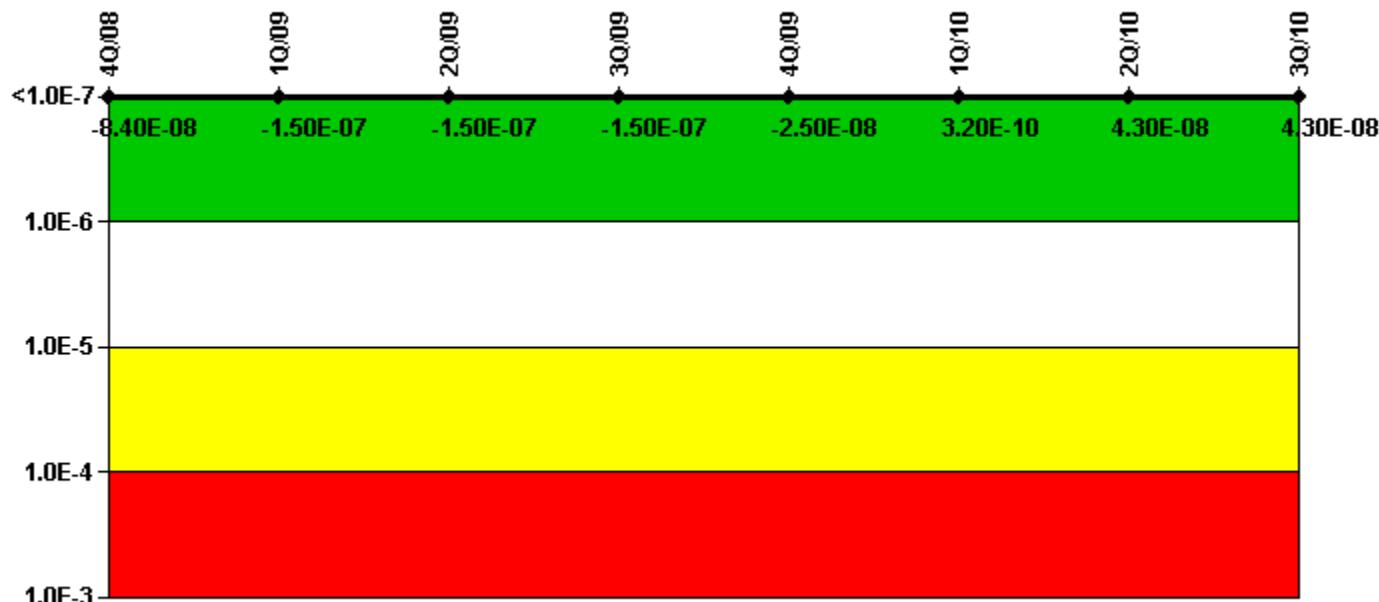
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (Δ CDF)	1.44E-07	1.84E-07	1.47E-07	2.01E-07	1.76E-07	7.77E-08	9.18E-08	1.35E-07
URI (Δ CDF)	-1.06E-07	-1.06E-07	-1.06E-07	-1.06E-07	-1.28E-07	-1.28E-07	-1.28E-07	-1.28E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.70E-08	7.70E-08	4.10E-08	9.40E-08	4.80E-08	-5.00E-08	-3.60E-08	7.50E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



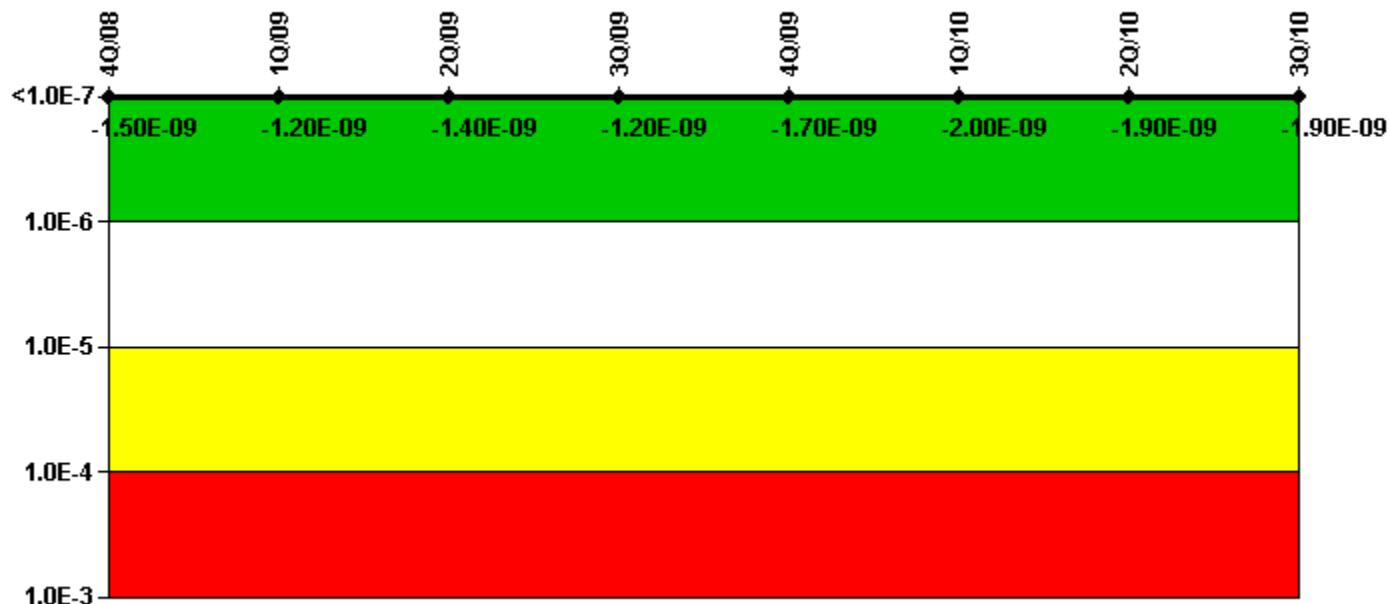
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (Δ CDF)	-1.23E-08	-3.11E-08	-3.11E-08	-3.11E-08	-4.56E-09	-3.03E-09	7.14E-09	7.14E-09
URI (Δ CDF)	-7.13E-08	-1.18E-07	-1.18E-07	-1.18E-07	-2.03E-08	3.35E-09	3.56E-08	3.56E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-8.40E-08	-1.50E-07	-1.50E-07	-1.50E-07	-2.50E-08	3.20E-10	4.30E-08	4.30E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



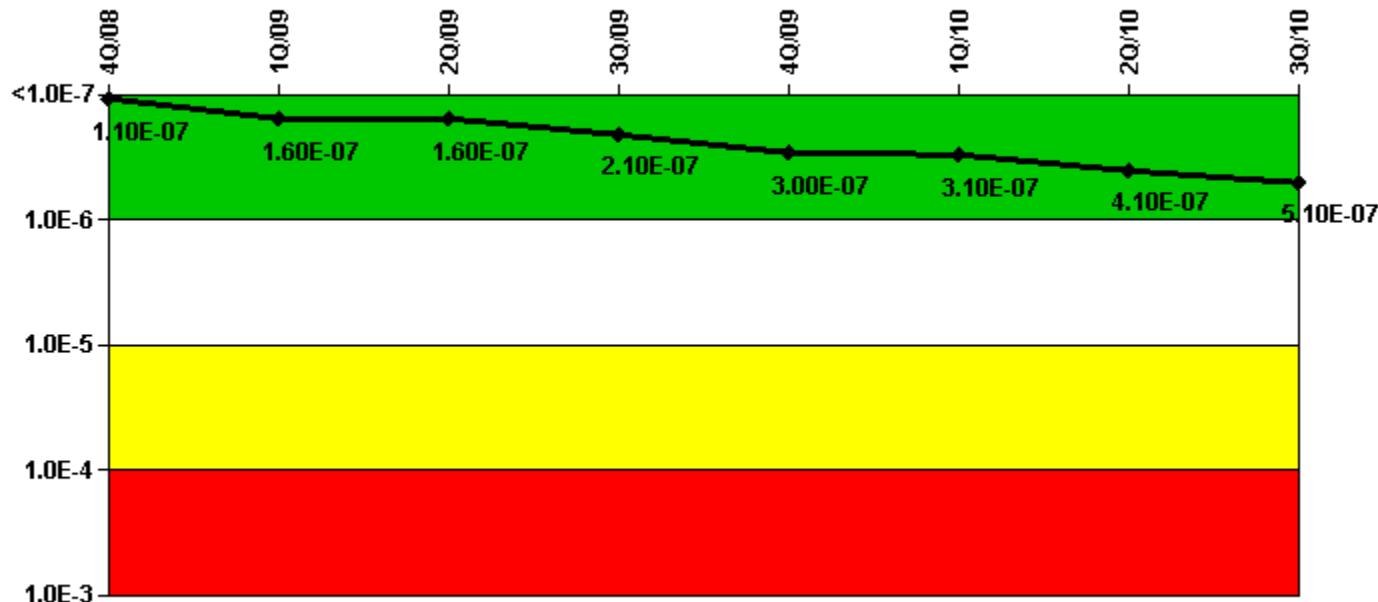
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (Δ CDF)	1.03E-09	1.35E-09	1.16E-09	1.33E-09	5.08E-10	2.62E-10	3.09E-10	3.06E-10
URI (Δ CDF)	-2.53E-09	-2.53E-09	-2.53E-09	-2.53E-09	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09
PLE	NO							
Indicator value	-1.50E-09	-1.20E-09	-1.40E-09	-1.20E-09	-1.70E-09	-2.00E-09	-1.90E-09	-1.90E-09

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 (Δ CDF)	1.24E-07	1.71E-07	1.75E-07	2.16E-07	3.38E-07	3.48E-07	4.51E-07	5.42E-07
URI (Δ CDF)	-1.05E-08	-1.05E-08	-1.05E-08	-1.05E-08	-3.64E-08	-3.64E-08	-3.64E-08	-3.64E-08
PLE	NO							
Indicator value	1.10E-07	1.60E-07	1.60E-07	2.10E-07	3.00E-07	3.10E-07	4.10E-07	5.10E-07

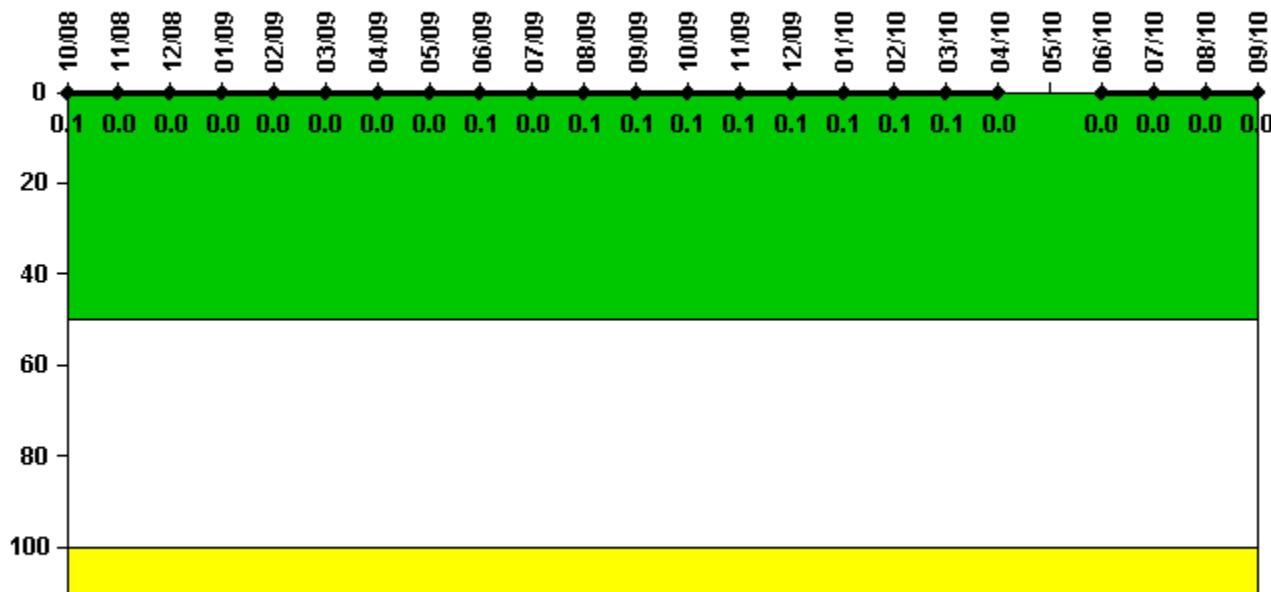
Licensee Comments:

1Q/10: Changes to PRA Parameter(s) were made in 4th quarter 2009 and were appropriately commented for that quarter's submittal.

4Q/09: CDE PRA values were revised to reflect the updated PRA models (for Unit 1 & 2 models) that were approved August 2009. The updated PRA models included the following PRA elements: revised simplified LERF model (Level 2), revised CCF analysis, revised unit 1 success criteria analysis, revised pre-initiating human reliability analysis, revised interfacing system LOCA analysis, and inclusion of containment isolation system fault tree.

4Q/08: Changes were made to St. Lucie Unit 2 Cooling Water System 2 for October 2010. There was no change in the color of the indicator.

Reactor Coolant System Activity



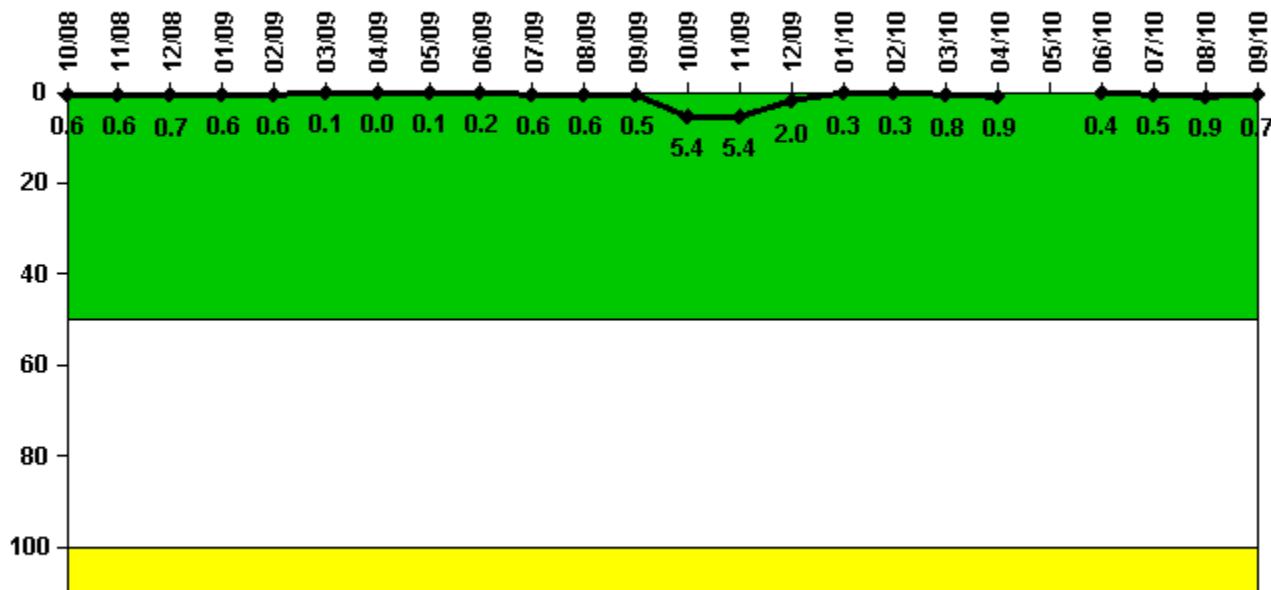
Thresholds: White > 50.0 Yellow > 100.0

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	0.000610	0.000140	0.000250	0.000252	0.000273	0.000277	0.000298	0.000288	0.000530	0.000494	0.000548	0.000576
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0	0	0	0	0	0	0	0.1	0	0.1	0.1
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	0.000579	0.000577	0.000612	0.000695	0.000720	0.001000	0.000364	N/A	0.000130	0.000395	0.000352	0.000436
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0	N/A	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



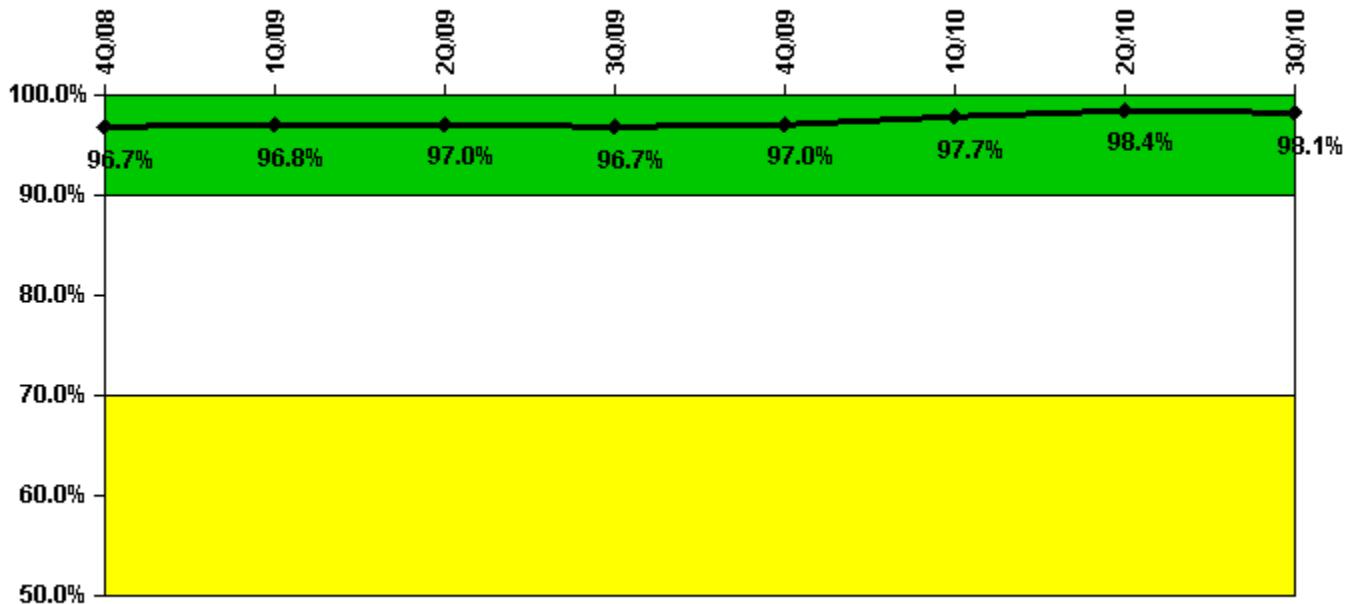
Thresholds: White > 50.0 Yellow > 100.0

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	0.060	0.060	0.070	0.060	0.060	0.010	0	0.009	0.015	0.057	0.060	0.050
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.6	0.6	0.7	0.6	0.6	0.1	0	0.1	0.2	0.6	0.6	0.5
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	0.540	0.540	0.200	0.030	0.030	0.080	0.090	N/A	0.035	0.045	0.094	0.070
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	5.4	5.4	2.0	0.3	0.3	0.8	0.9	N/A	0.4	0.5	0.9	0.7

Licensee Comments: none

Drill/Exercise Performance



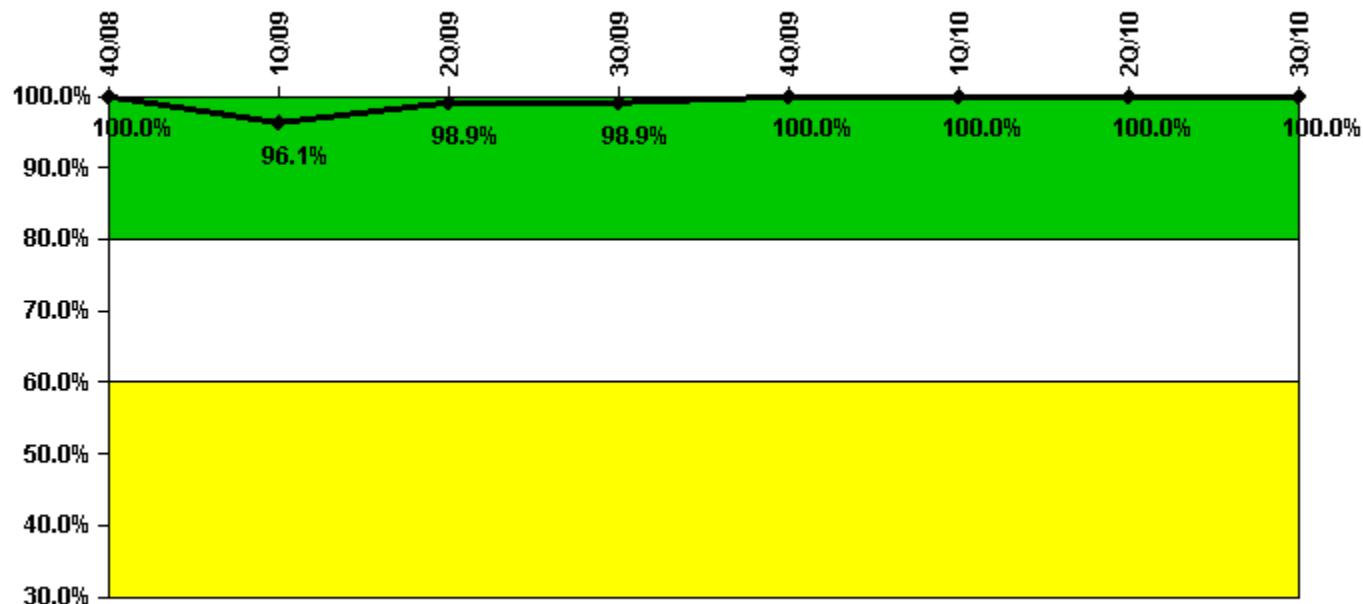
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Successful opportunities	16.0	39.0	26.0	51.0	74.0	21.0	9.0	72.0
Total opportunities	17.0	39.0	26.0	53.0	75.0	21.0	9.0	74.0
Indicator value	96.7%	96.8%	97.0%	96.7%	97.0%	97.7%	98.4%	98.1%

Licensee Comments: none

ERO Drill Participation



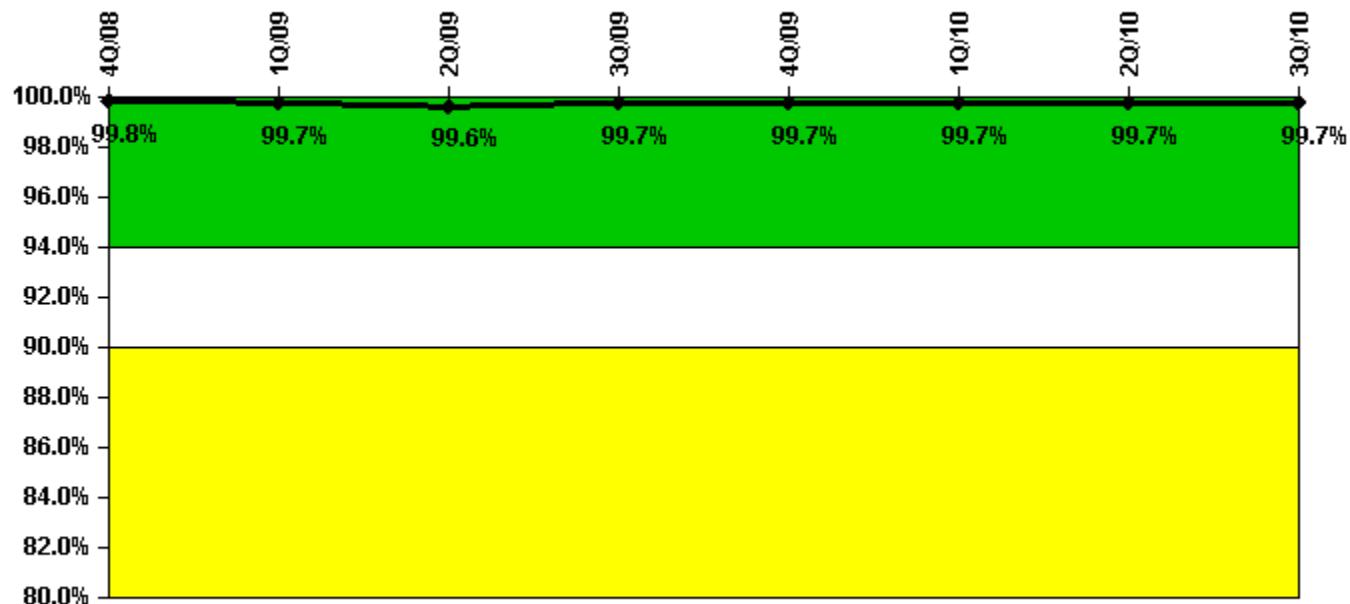
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Participating Key personnel	103.0	99.0	93.0	92.0	96.0	93.0	91.0	88.0
Total Key personnel	103.0	103.0	94.0	93.0	96.0	93.0	91.0	88.0
Indicator value	100.0%	96.1%	98.9%	98.9%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



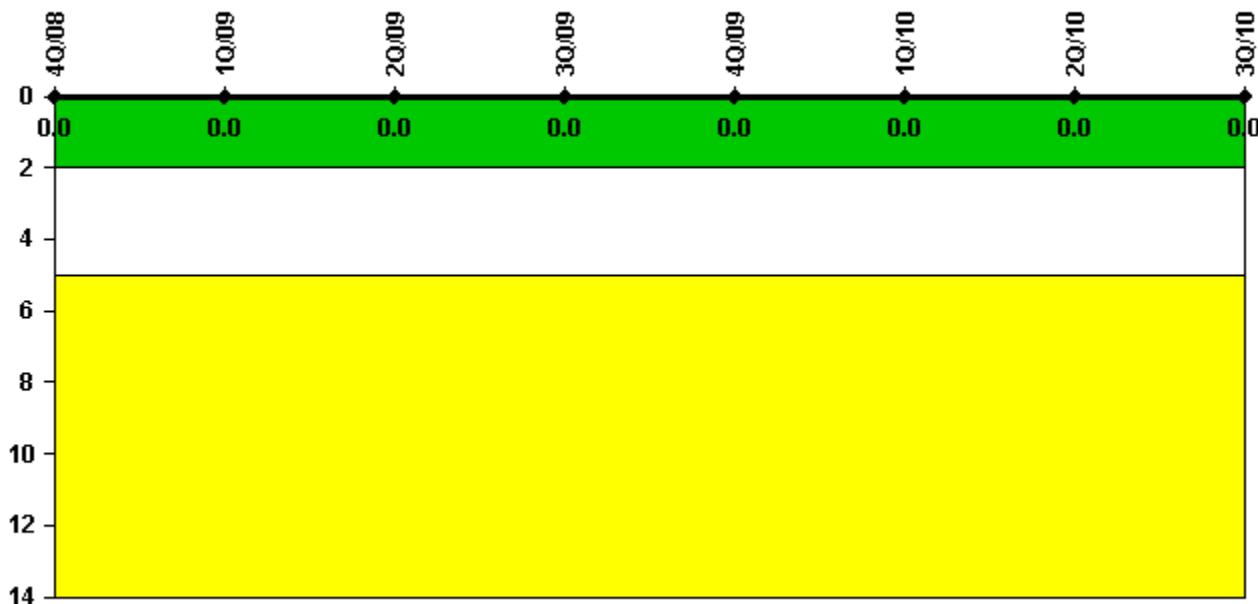
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Successful siren-tests	720	626	717	630	718	627	718	628
Total sirens-tests	720	630	720	630	720	630	720	630
Indicator value	99.8%	99.7%	99.6%	99.7%	99.7%	99.7%	99.7%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



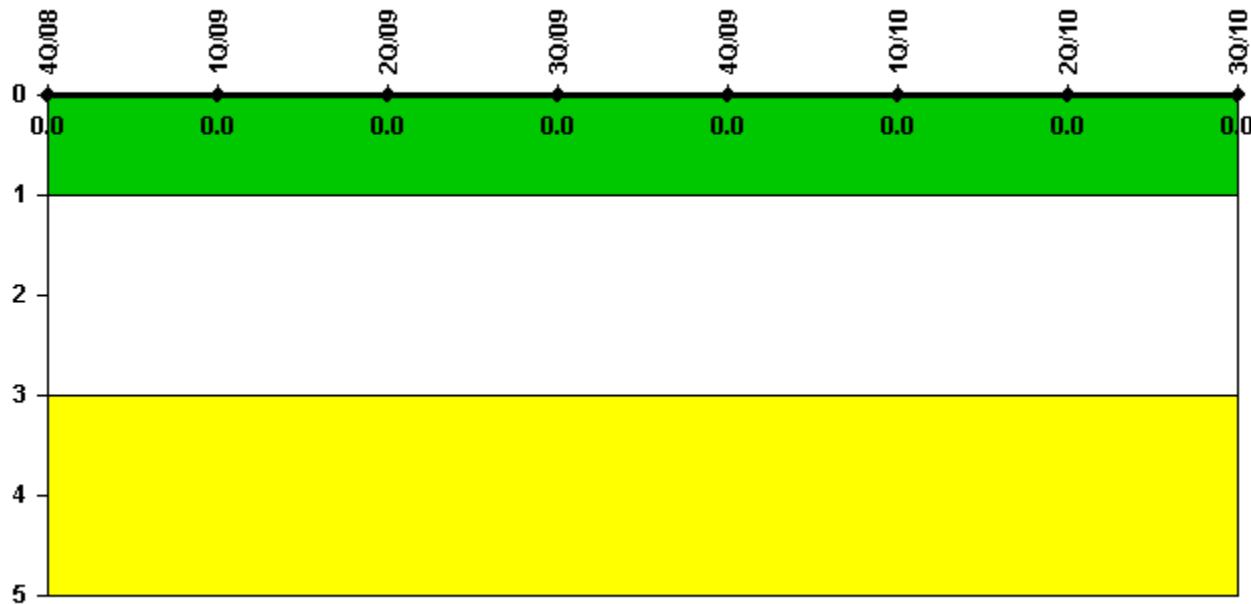
Thresholds: White > 2.0 Yellow > 5.0

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
Indicator value	0							

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

Security information not publicly available.



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

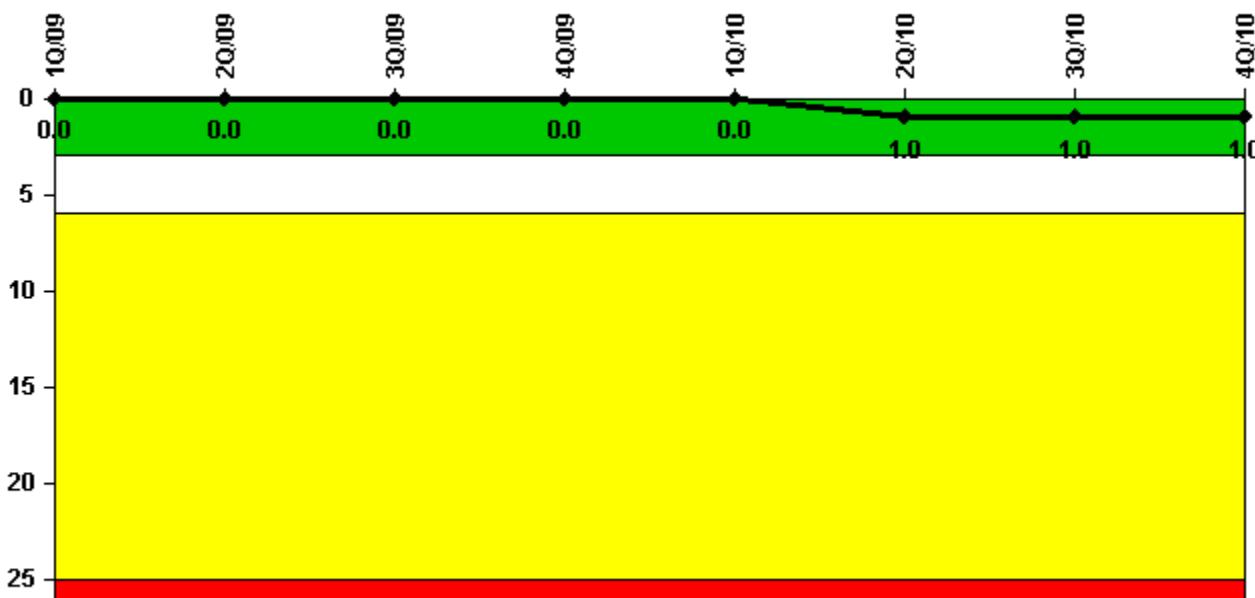
Last Modified: October 25, 2010

Saint Lucie 1

4Q/2010 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



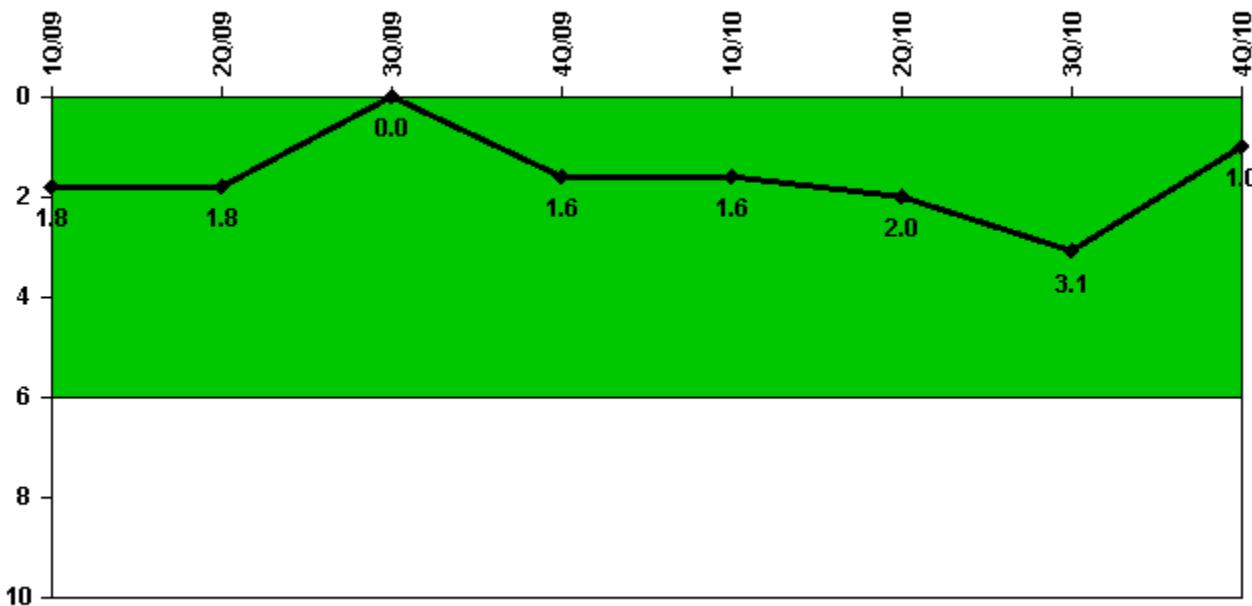
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	0	0	0	0	1.0	0	0
Critical hours	2159.0	2184.0	2208.0	2209.0	2159.0	291.8	2208.0	2209.0
Indicator value	0	0	0	0	0	1.0	1.0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



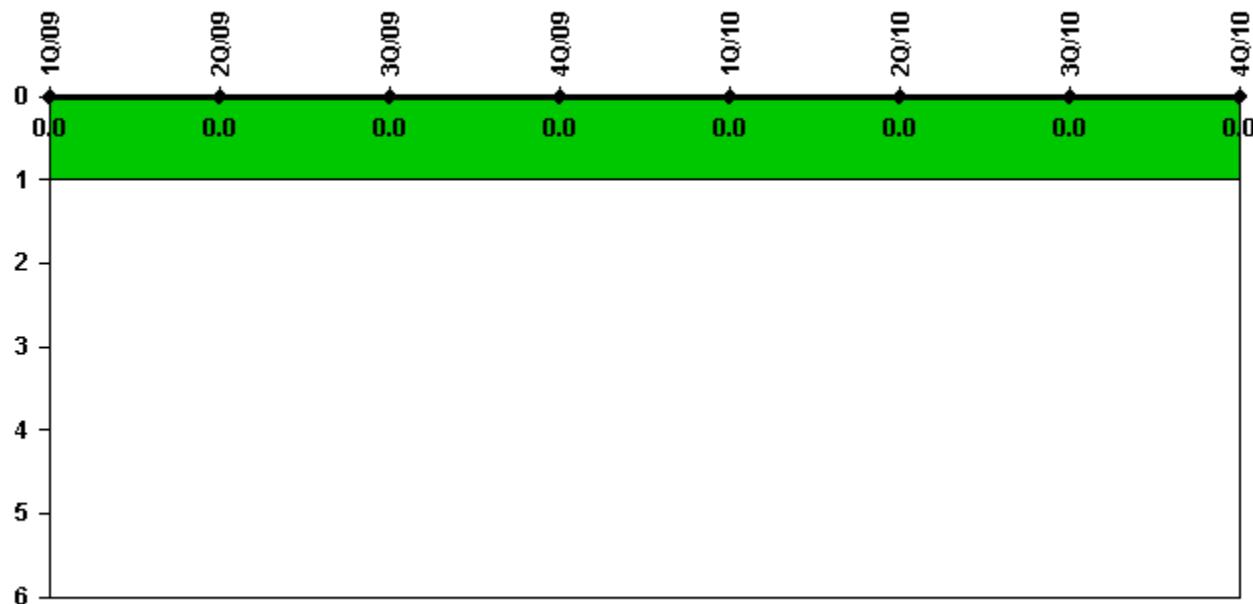
Thresholds: White > 6.0

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	2.0	0	0	1.0	0
Critical hours	2159.0	2184.0	2208.0	2209.0	2159.0	291.8	2208.0	2209.0
Indicator value	1.8	1.8	0	1.6	1.6	2.0	3.1	1.0

Licensee Comments: none

Unplanned Scrams with Complications



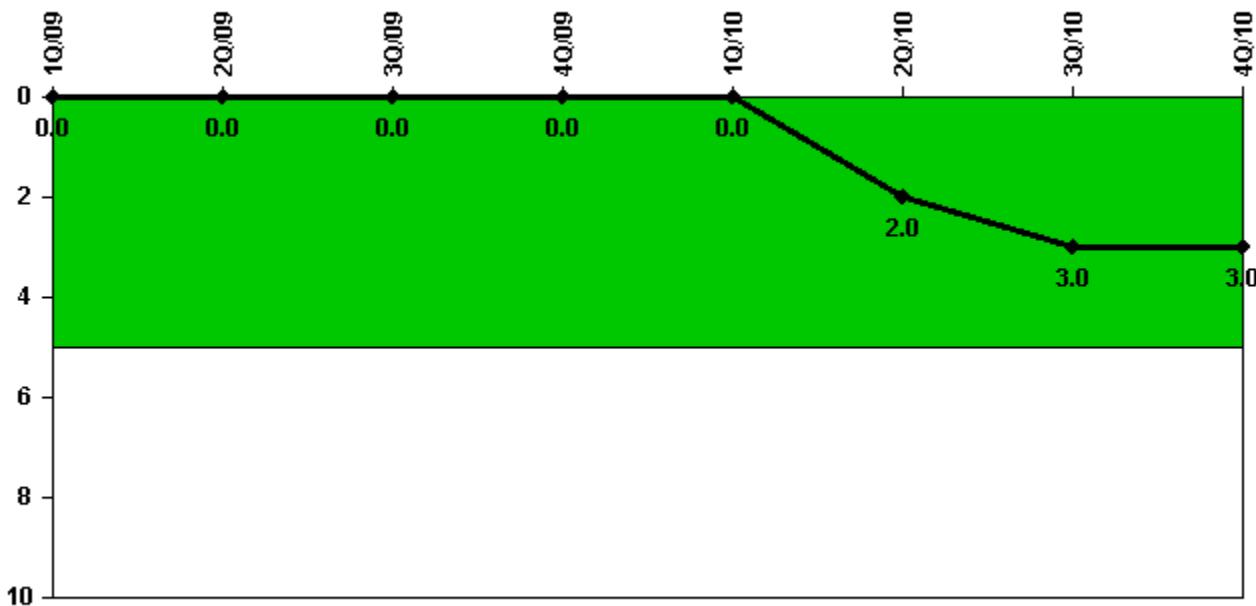
Thresholds: White > 1.0

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

Safety System Functional Failures (PWR)



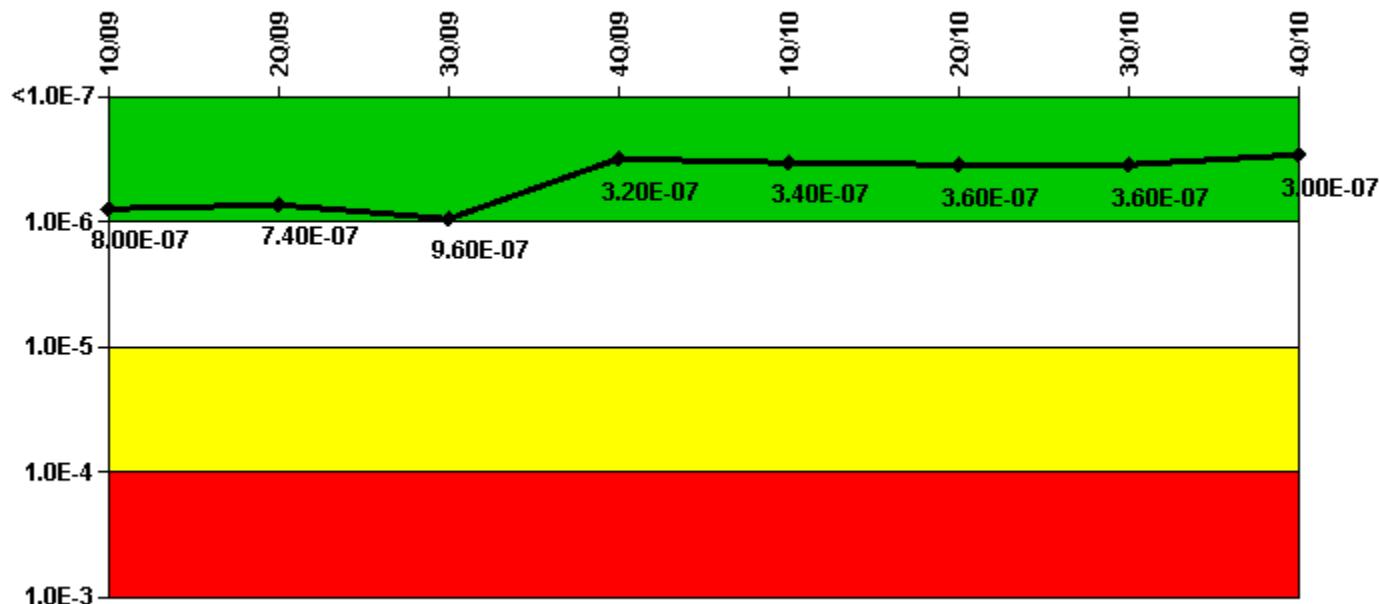
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Safety System Functional Failures	0	0	0	0	0	2	1	0
Indicator value	0	0	0	0	0	2	3	3

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



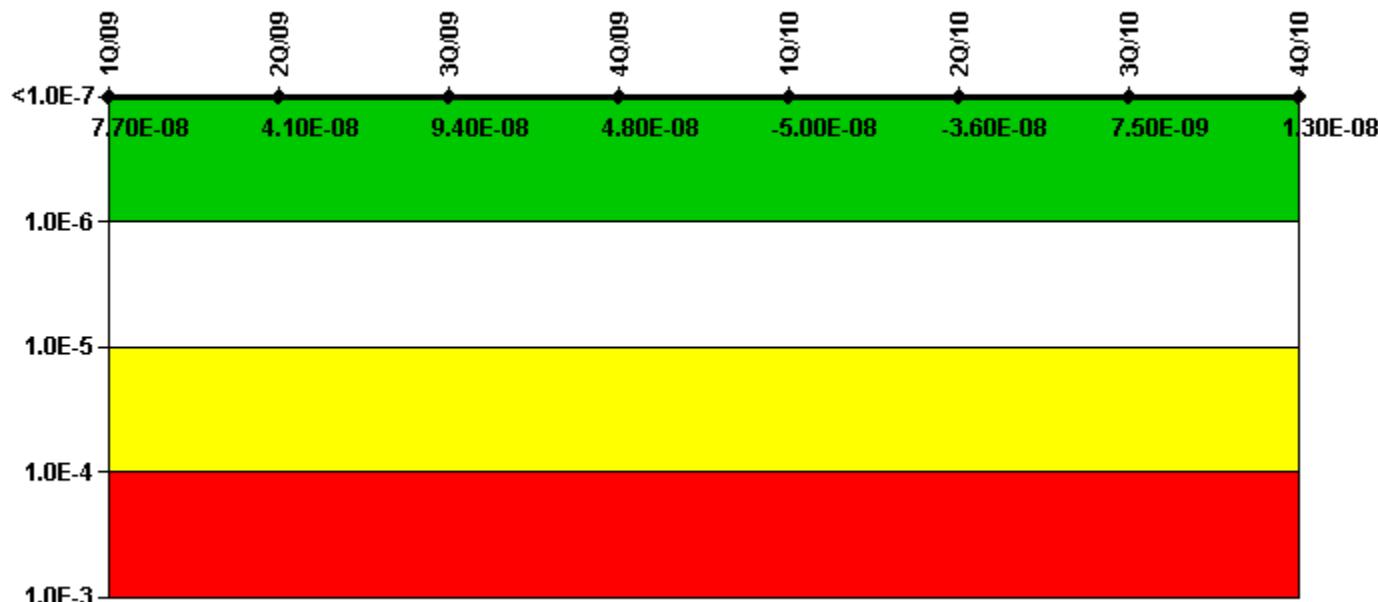
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (Δ CDF)	1.69E-07	1.67E-07	1.72E-07	5.63E-08	5.65E-08	5.06E-08	5.36E-08	6.15E-08
URI (Δ CDF)	6.29E-07	5.76E-07	7.85E-07	2.68E-07	2.87E-07	3.05E-07	3.05E-07	2.34E-07
PLE	NO							
Indicator value	8.00E-07	7.40E-07	9.60E-07	3.20E-07	3.40E-07	3.60E-07	3.60E-07	3.00E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



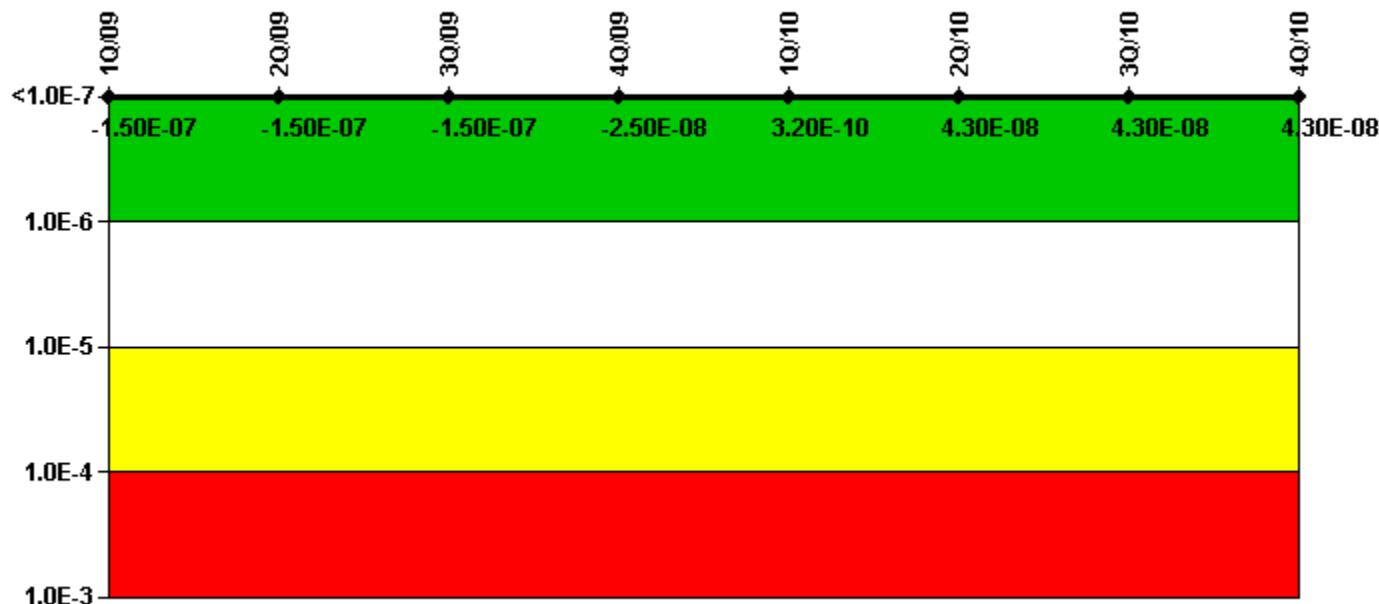
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (Δ CDF)	1.84E-07	1.47E-07	2.01E-07	1.76E-07	7.77E-08	9.18E-08	1.35E-07	1.40E-07
URI (Δ CDF)	-1.06E-07	-1.06E-07	-1.06E-07	-1.28E-07	-1.28E-07	-1.28E-07	-1.28E-07	-1.28E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	7.70E-08	4.10E-08	9.40E-08	4.80E-08	-5.00E-08	-3.60E-08	7.50E-09	1.30E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



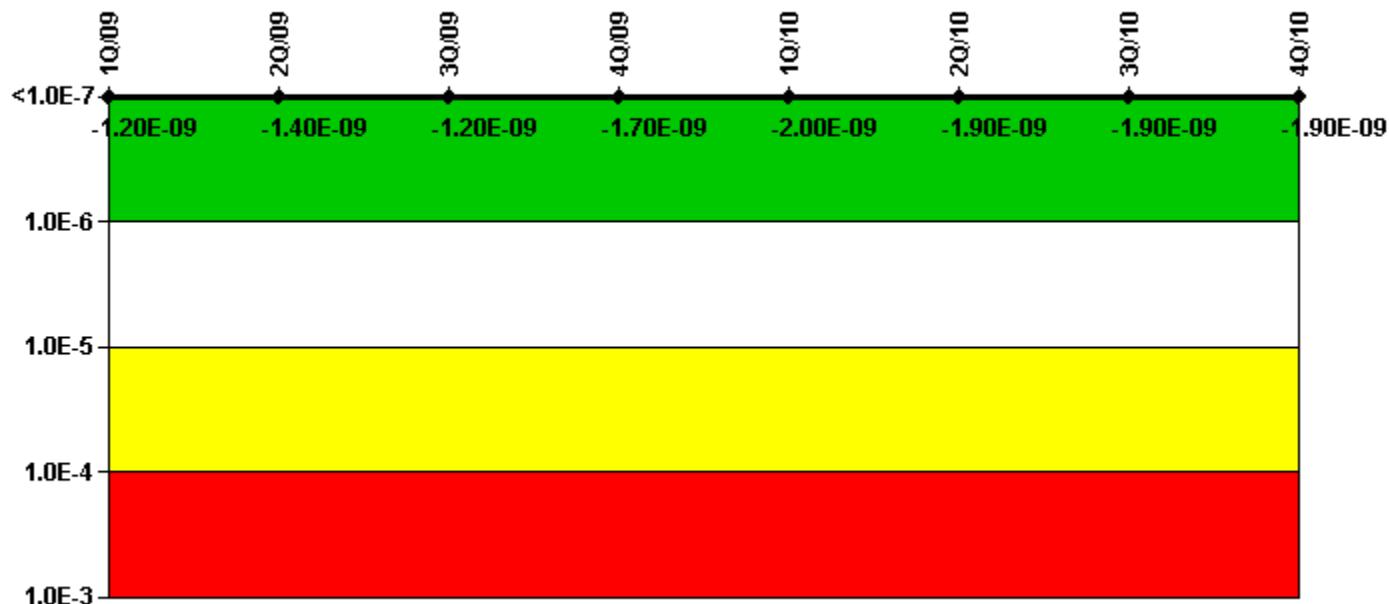
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (Δ CDF)	-3.11E-08	-3.11E-08	-3.11E-08	-4.56E-09	-3.03E-09	7.14E-09	7.14E-09	7.14E-09
URI (Δ CDF)	-1.18E-07	-1.18E-07	-1.18E-07	-2.03E-08	3.35E-09	3.56E-08	3.56E-08	3.56E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.50E-07	-1.50E-07	-1.50E-07	-2.50E-08	3.20E-10	4.30E-08	4.30E-08	4.30E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



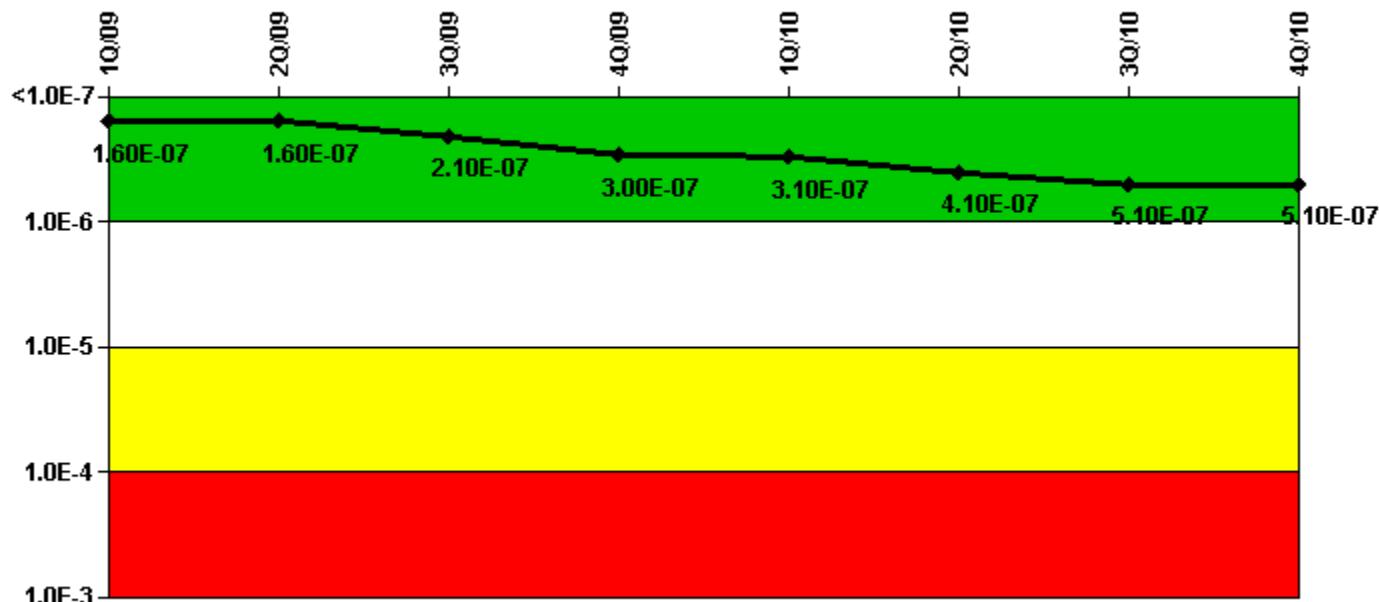
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (Δ CDF)	1.35E-09	1.16E-09	1.33E-09	5.08E-10	2.62E-10	3.09E-10	3.06E-10	3.08E-10
URI (Δ CDF)	-2.53E-09	-2.53E-09	-2.53E-09	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09
PLE	NO							
Indicator value	-1.20E-09	-1.40E-09	-1.20E-09	-1.70E-09	-2.00E-09	-1.90E-09	-1.90E-09	-1.90E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



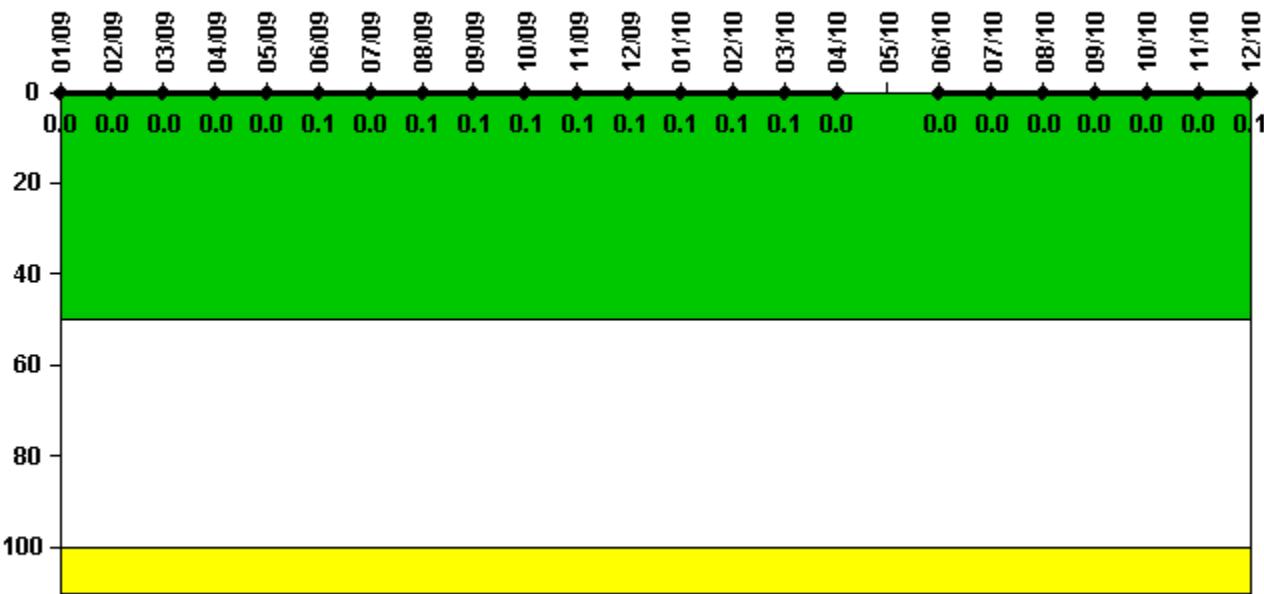
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (Δ CDF)	1.71E-07	1.75E-07	2.16E-07	3.38E-07	3.48E-07	4.51E-07	5.42E-07	5.42E-07
URI (Δ CDF)	-1.05E-08	-1.05E-08	-1.05E-08	-3.64E-08	-3.64E-08	-3.64E-08	-3.64E-08	-3.64E-08
PLE	NO							
Indicator value	1.60E-07	1.60E-07	2.10E-07	3.00E-07	3.10E-07	4.10E-07	5.10E-07	5.10E-07

Licensee Comments: none

Reactor Coolant System Activity



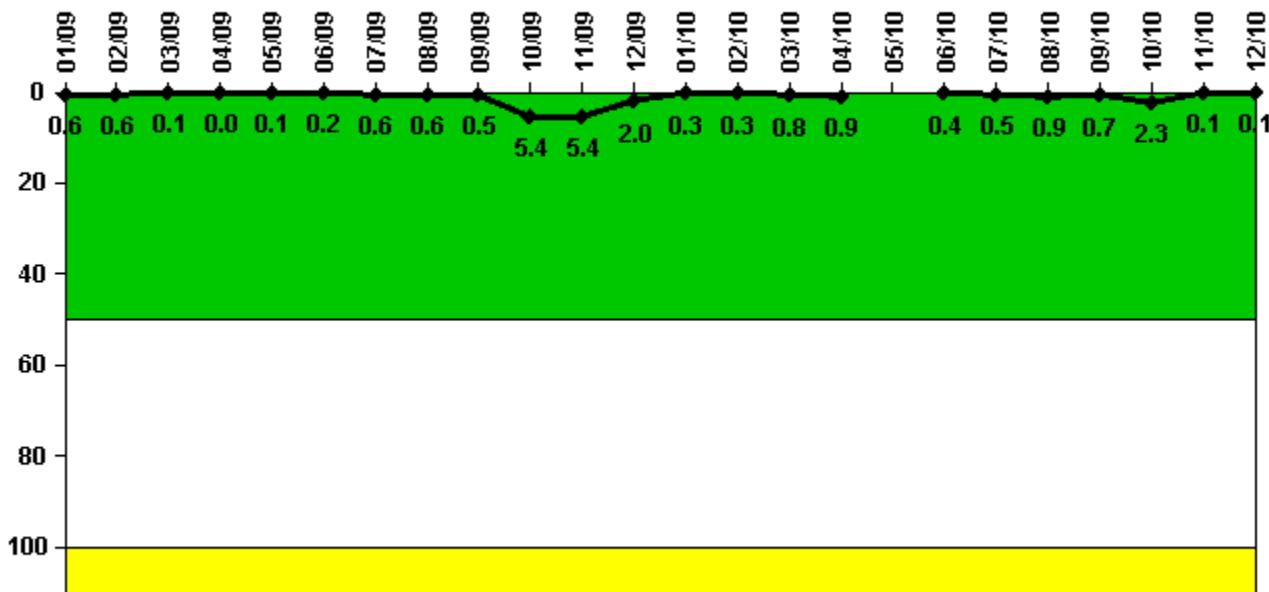
Thresholds: White > 50.0 Yellow > 100.0

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	0.000252	0.000273	0.000277	0.000298	0.000288	0.000530	0.000494	0.000548	0.000576	0.000579	0.000577	0.000612
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0.1	0	0.1	0.1	0.1	0.1	0.1
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	0.000695	0.000720	0.001000	0.000364	N/A	0.000130	0.000395	0.000352	0.000436	0.000474	0.000476	0.000552
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0	N/A	0	0	0	0	0	0	0.1

Licensee Comments: none

Reactor Coolant System Leakage



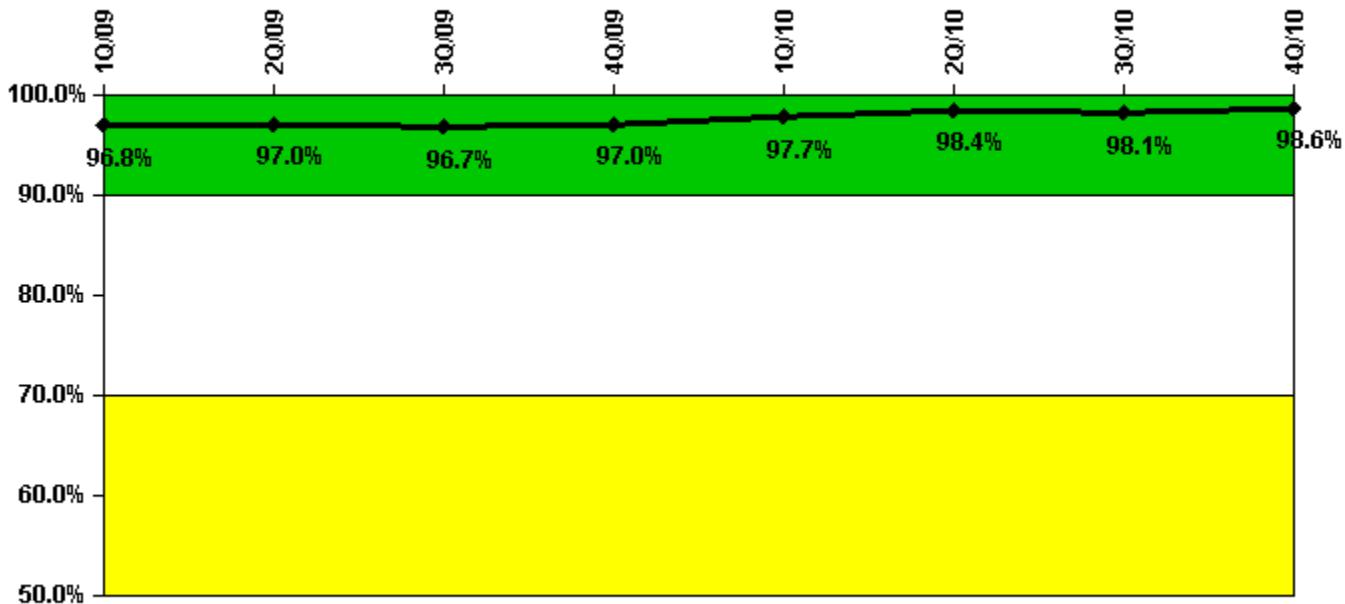
Thresholds: White > 50.0 Yellow > 100.0

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	0.060	0.060	0.010	0	0.009	0.015	0.057	0.060	0.050	0.540	0.540	0.200
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.6	0.6	0.1	0	0.1	0.2	0.6	0.6	0.5	5.4	5.4	2.0
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	0.030	0.030	0.080	0.090	N/A	0.035	0.045	0.094	0.070	0.230	0.010	0.010
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.3	0.8	0.9	N/A	0.4	0.5	0.9	0.7	2.3	0.1	0.1

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

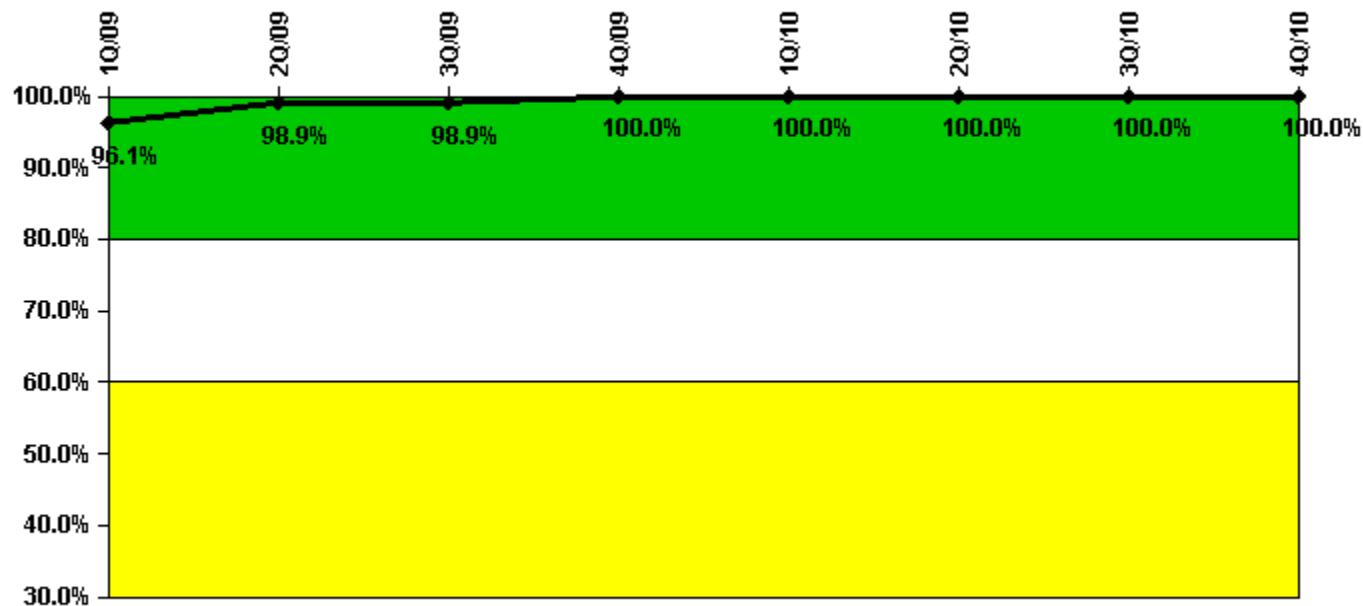
Notes

Drill/Exercise Performance	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Successful opportunities	39.0	26.0	51.0	74.0	21.0	9.0	76.0	52.0
Total opportunities	39.0	26.0	53.0	75.0	21.0	9.0	78.0	52.0
Indicator value	96.8%	97.0%	96.7%	97.0%	97.7%	98.4%	98.1%	98.6%

Licensee Comments:

3Q/10: Minor revision made to drill, exercise and event opportunities.

ERO Drill Participation



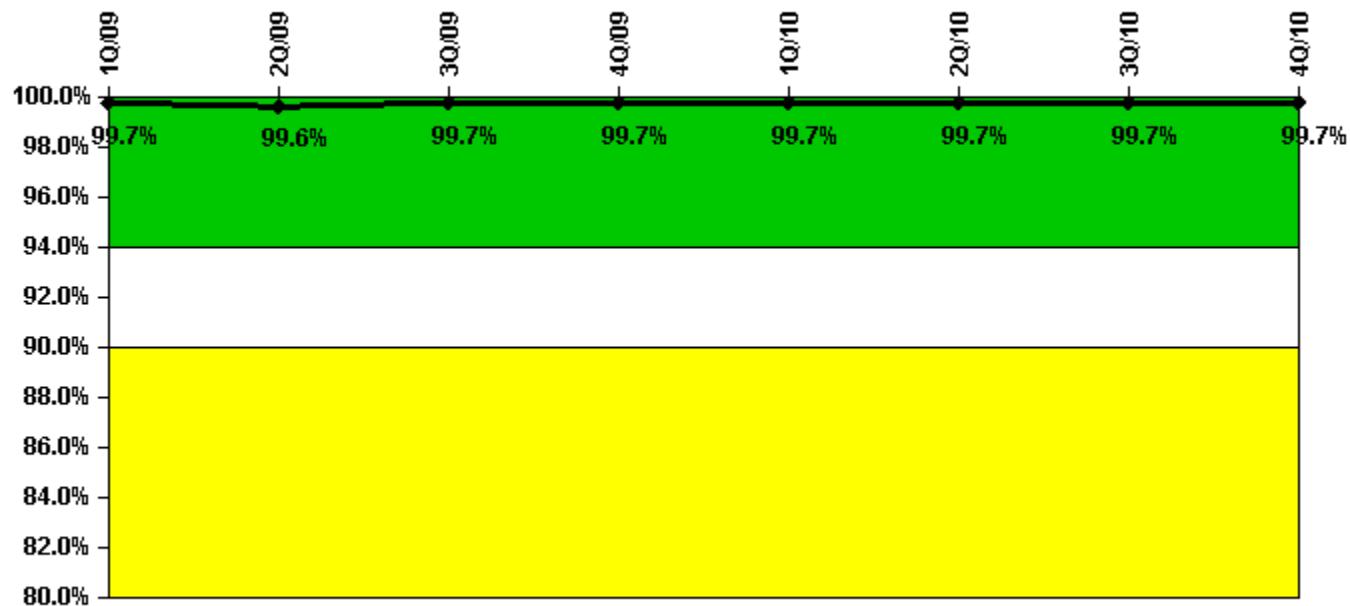
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Participating Key personnel	99.0	93.0	92.0	96.0	93.0	91.0	88.0	86.0
Total Key personnel	103.0	94.0	93.0	96.0	93.0	91.0	88.0	86.0
Indicator value	96.1%	98.9%	98.9%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



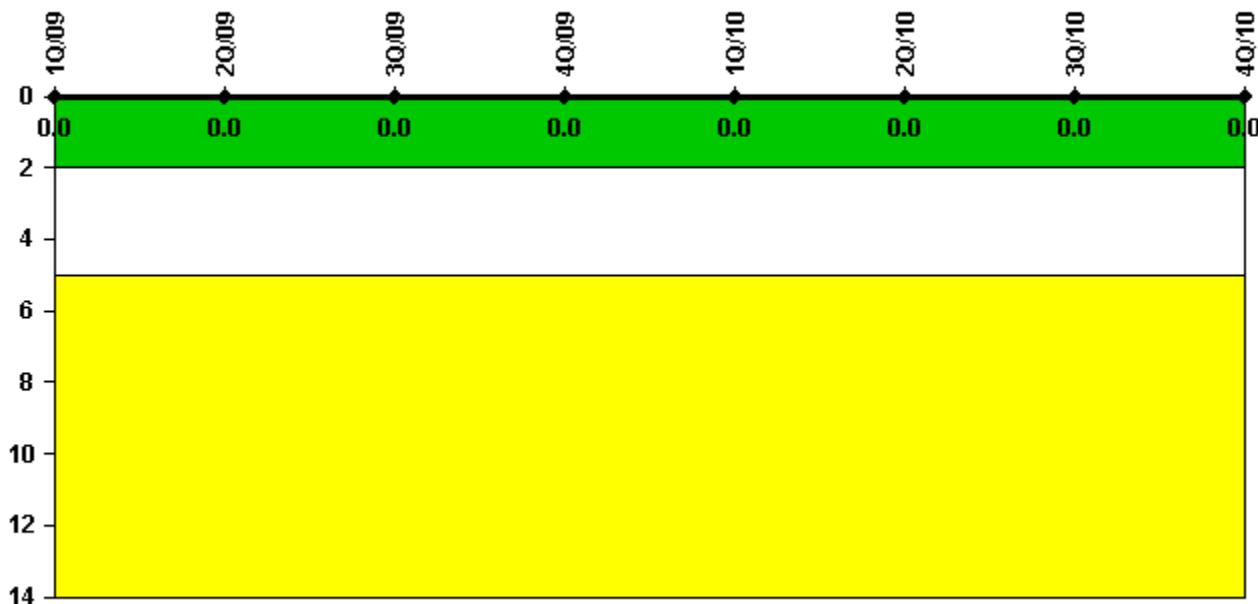
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Successful siren-tests	626	717	630	718	627	718	628	718
Total sirens-tests	630	720	630	720	630	720	630	720
Indicator value	99.7%	99.6%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



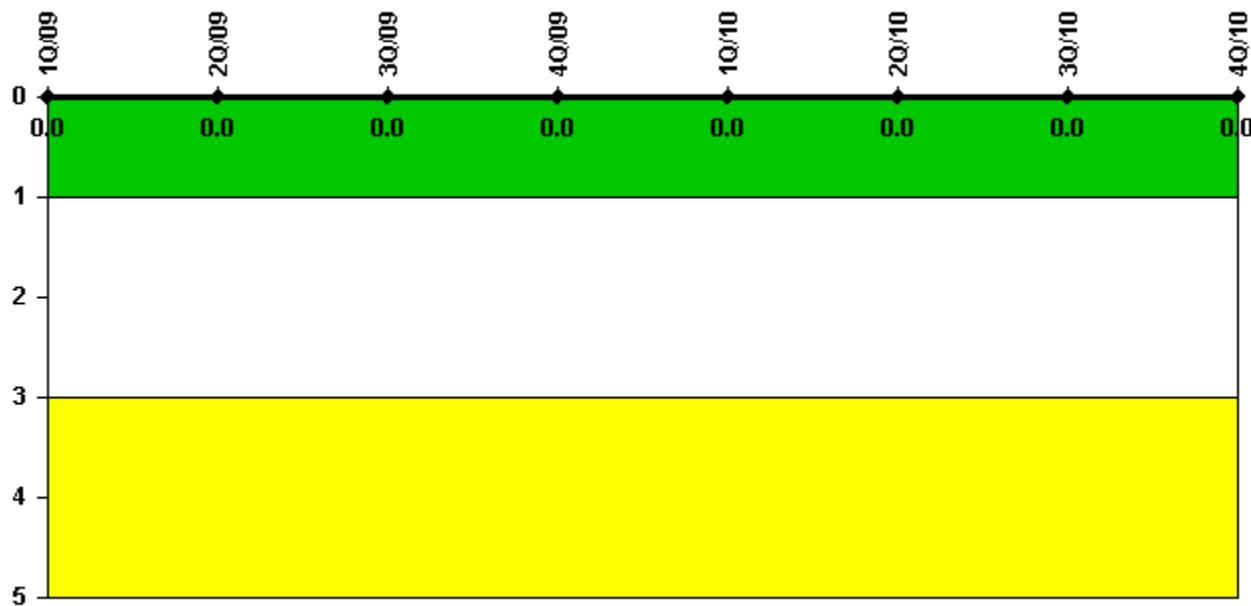
Thresholds: White > 2.0 Yellow > 5.0

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
Indicator value	0							

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

Security information not publicly available.



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

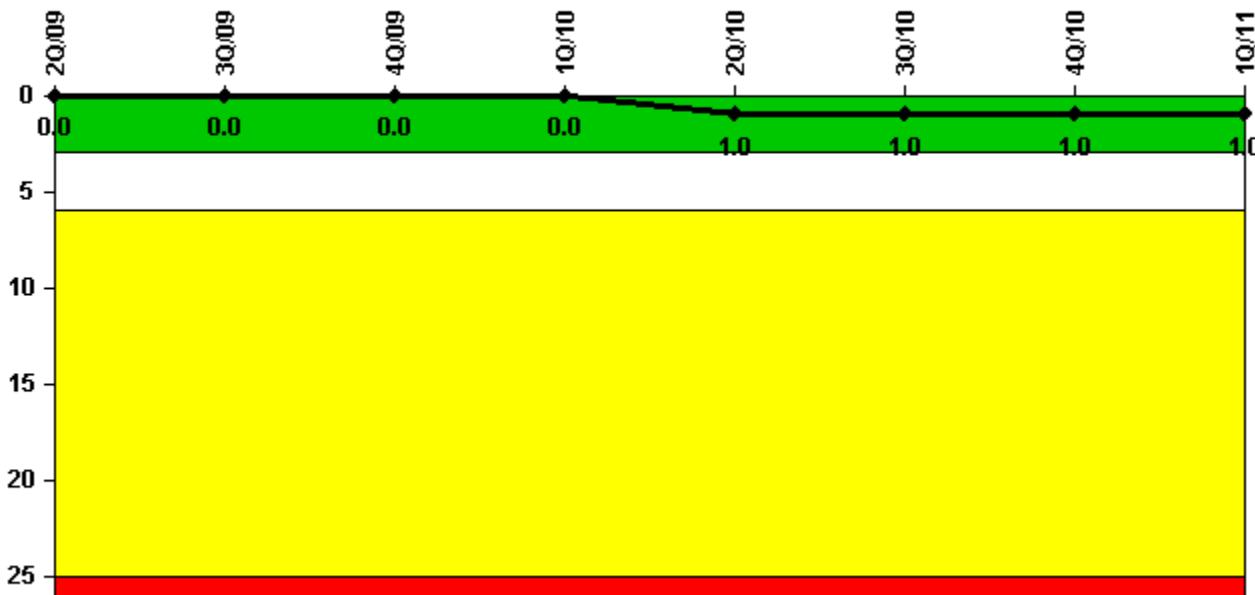
Last Modified: January 24, 2011

Saint Lucie 1

1Q/2011 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



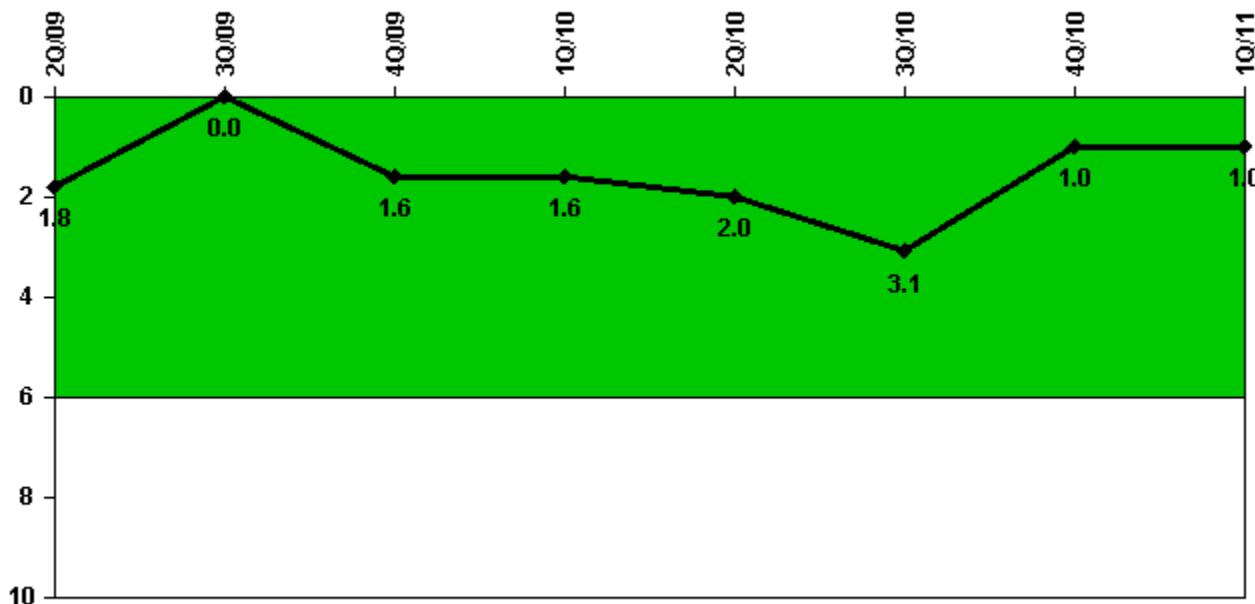
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	0	0	0	0	1.0	0	0	0
Critical hours	2184.0	2208.0	2209.0	2159.0	291.8	2208.0	2209.0	2159.0
Indicator value	0	0	0	0	1.0	1.0	1.0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



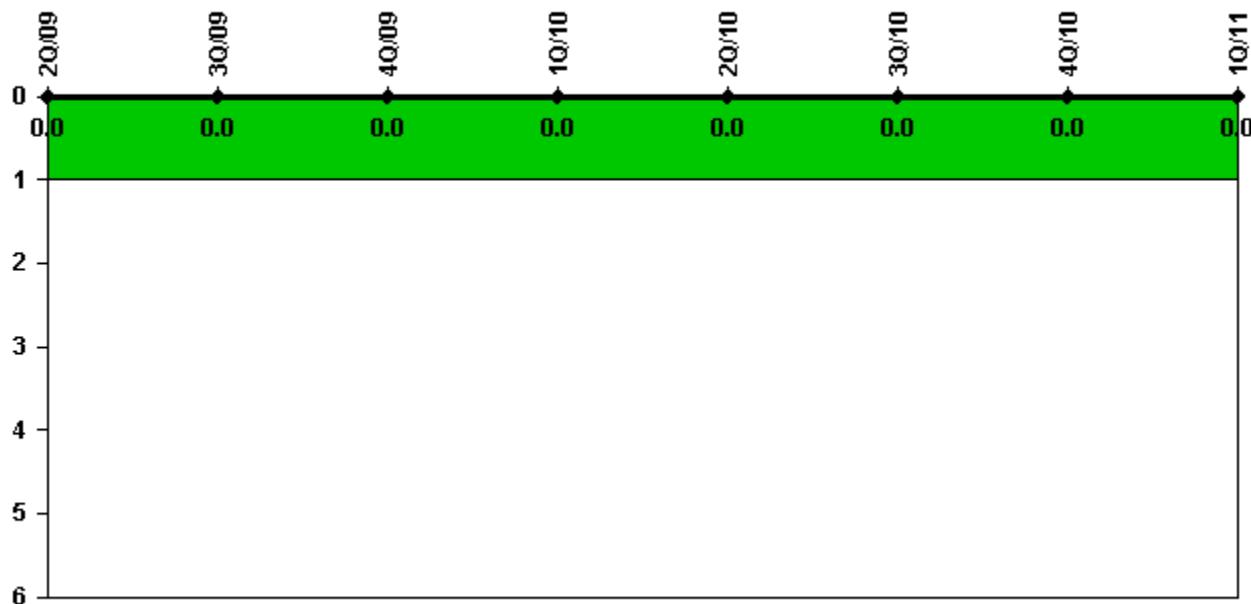
Thresholds: White > 6.0

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	2.0	0	0	1.0	0	0
Critical hours	2184.0	2208.0	2209.0	2159.0	291.8	2208.0	2209.0	2159.0
Indicator value	1.8	0	1.6	1.6	2.0	3.1	1.0	1.0

Licensee Comments: none

Unplanned Scrams with Complications



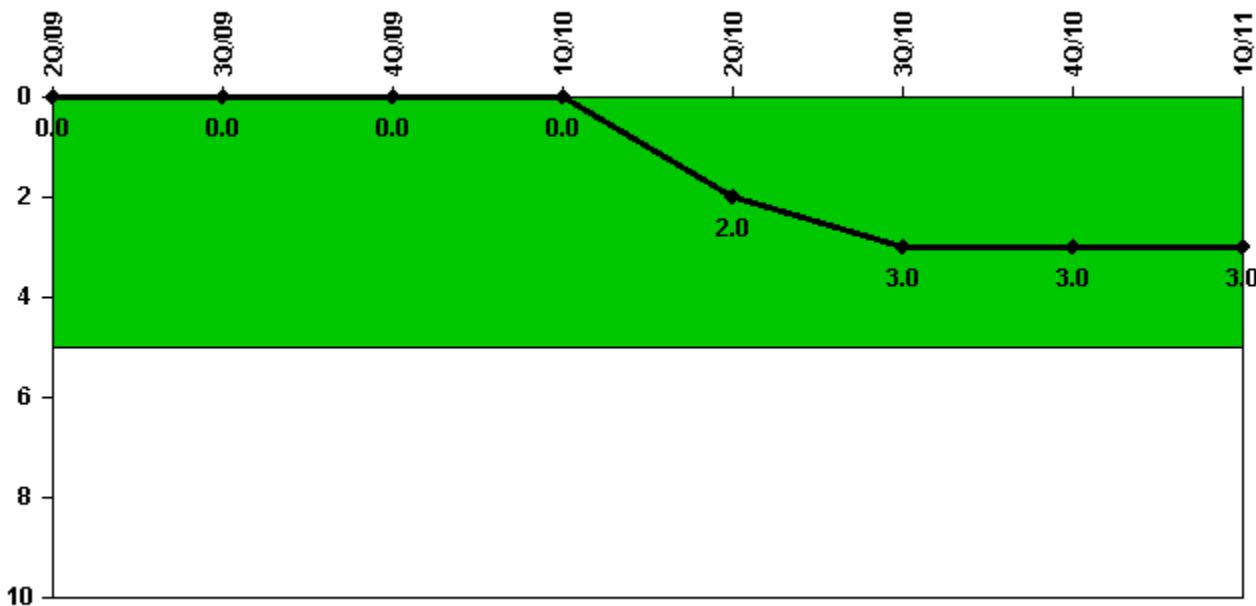
Thresholds: White > 1.0

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

Safety System Functional Failures (PWR)



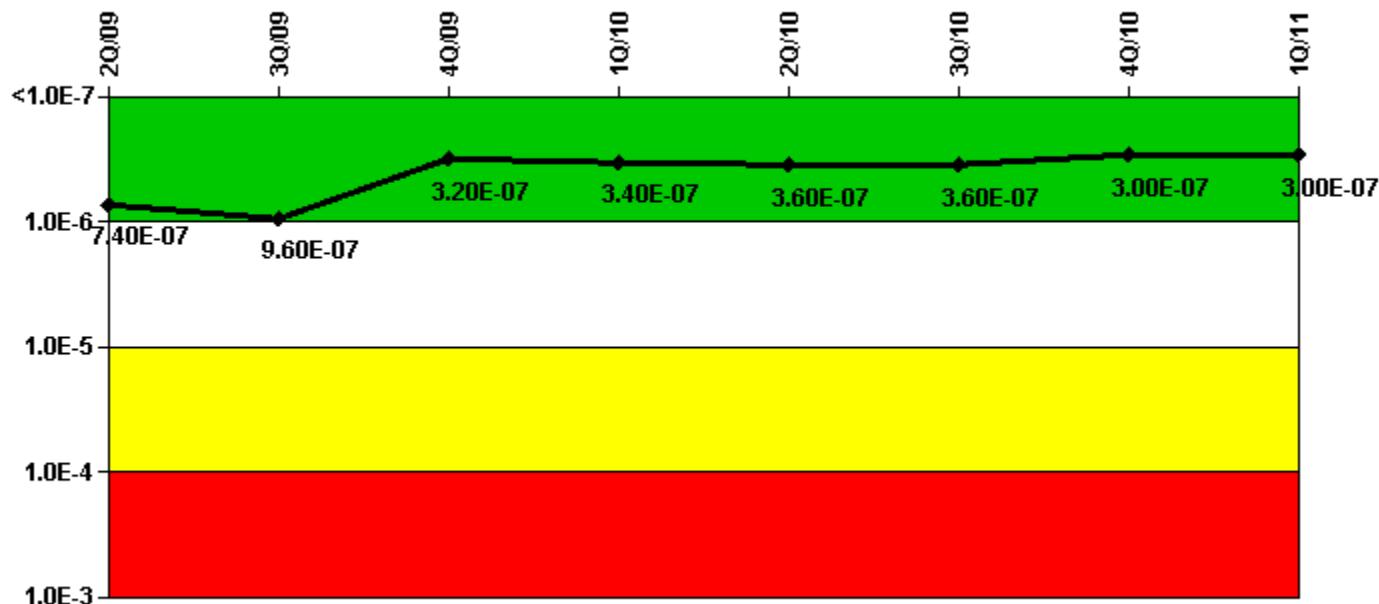
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Safety System Functional Failures	0	0	0	0	2	1	0	0
Indicator value	0	0	0	0	2	3	3	3

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



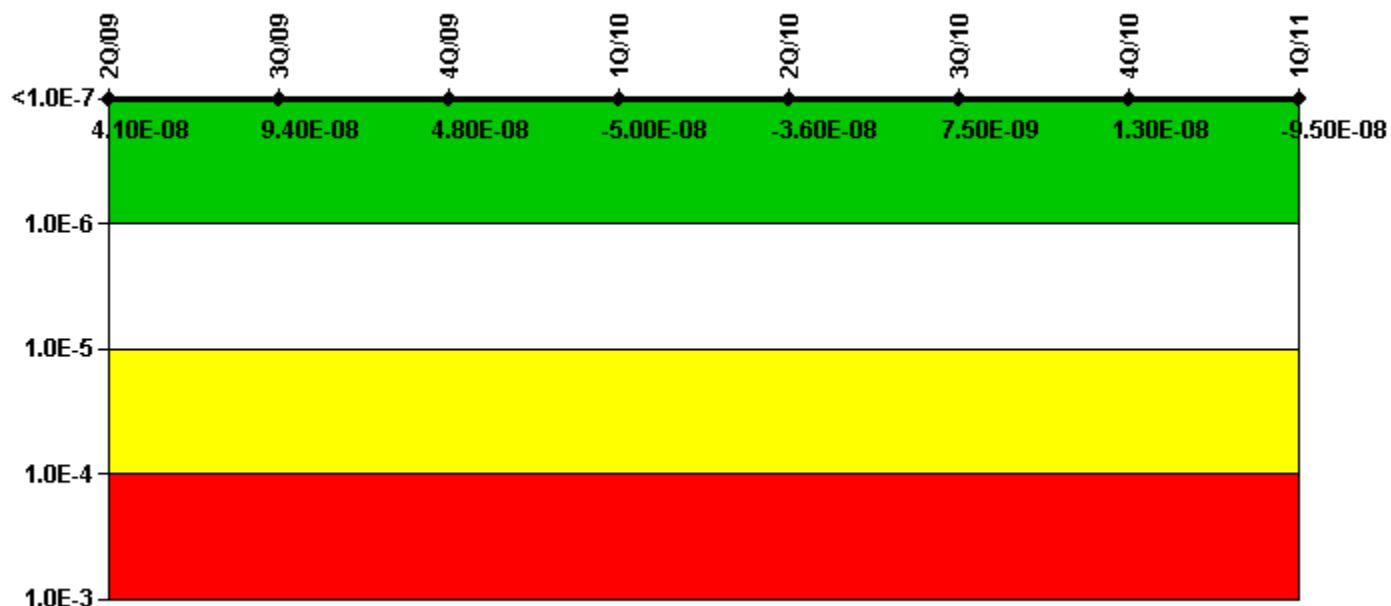
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (Δ CDF)	1.67E-07	1.72E-07	5.63E-08	5.65E-08	5.06E-08	5.36E-08	6.15E-08	6.19E-08
URI (Δ CDF)	5.76E-07	7.85E-07	2.68E-07	2.87E-07	3.05E-07	3.05E-07	2.34E-07	2.34E-07
PLE	NO							
Indicator value	7.40E-07	9.60E-07	3.20E-07	3.40E-07	3.60E-07	3.60E-07	3.00E-07	3.00E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



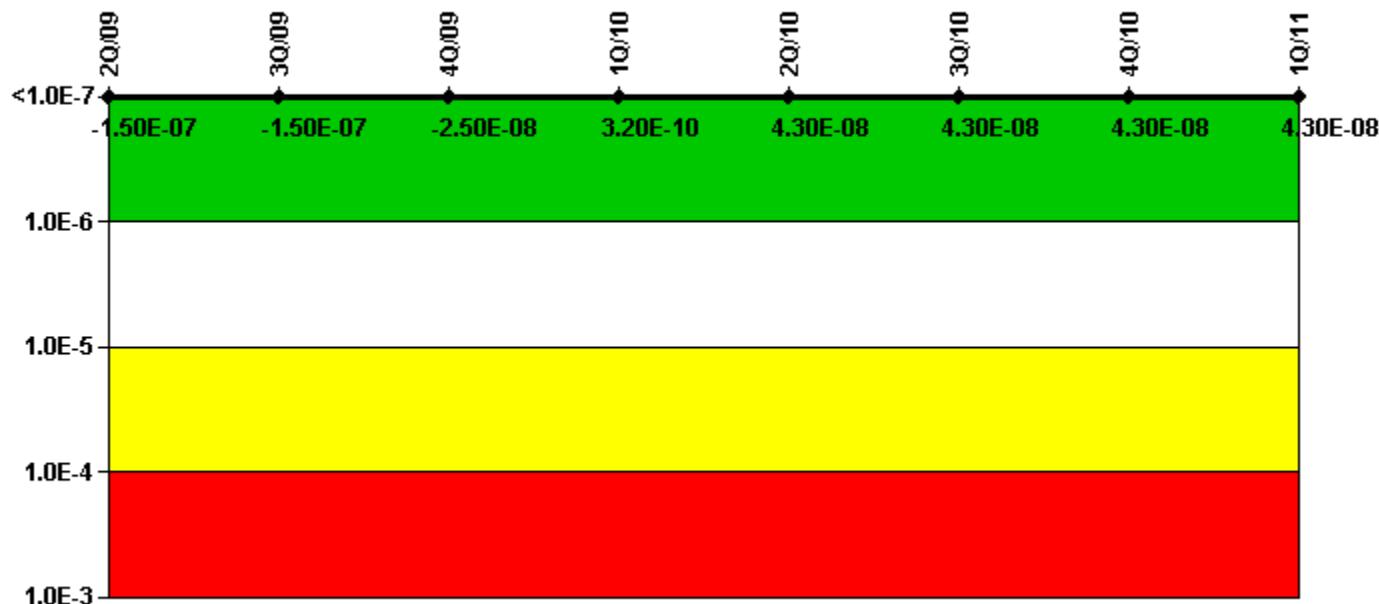
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (Δ CDF)	1.47E-07	2.01E-07	1.76E-07	7.77E-08	9.18E-08	1.35E-07	1.40E-07	3.32E-08
URI (Δ CDF)	-1.06E-07	-1.06E-07	-1.28E-07	-1.28E-07	-1.28E-07	-1.28E-07	-1.28E-07	-1.28E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.10E-08	9.40E-08	4.80E-08	-5.00E-08	-3.60E-08	7.50E-09	1.30E-08	-9.50E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



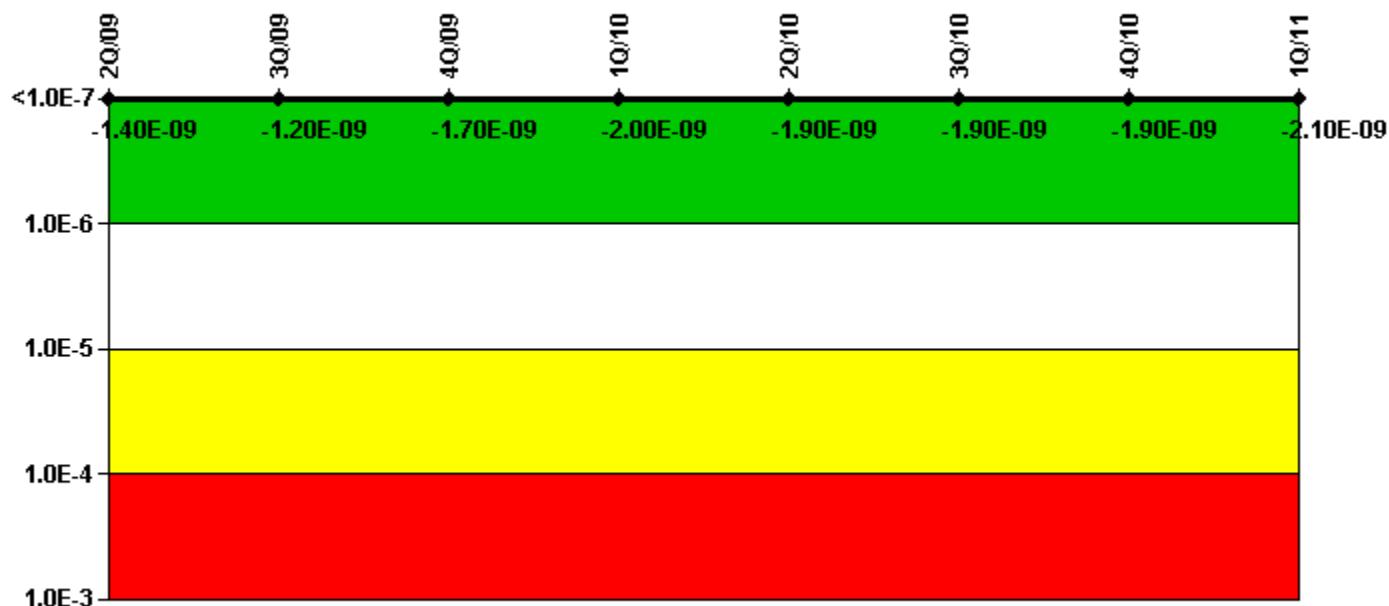
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (Δ CDF)	-3.11E-08	-3.11E-08	-4.56E-09	-3.03E-09	7.14E-09	7.14E-09	7.14E-09	7.16E-09
URI (Δ CDF)	-1.18E-07	-1.18E-07	-2.03E-08	3.35E-09	3.56E-08	3.56E-08	3.56E-08	3.56E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.50E-07	-1.50E-07	-2.50E-08	3.20E-10	4.30E-08	4.30E-08	4.30E-08	4.30E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



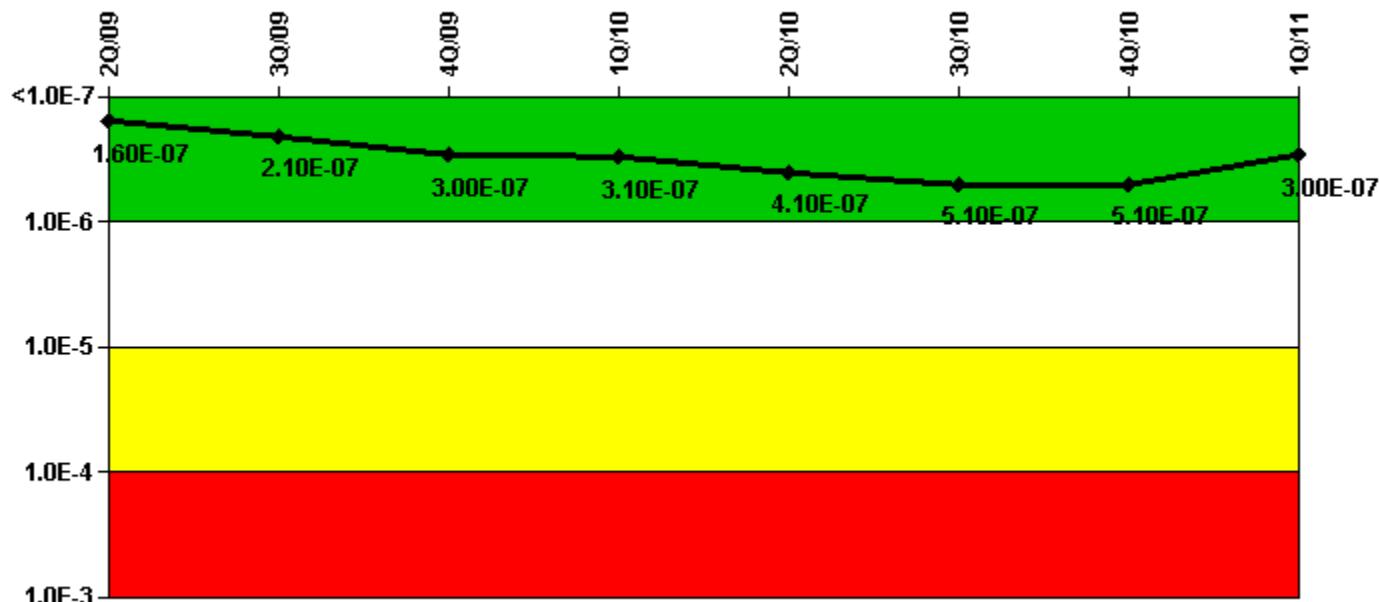
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (Δ CDF)	1.16E-09	1.33E-09	5.08E-10	2.62E-10	3.09E-10	3.06E-10	3.08E-10	1.29E-10
URI (Δ CDF)	-2.53E-09	-2.53E-09	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09
PLE	NO							
Indicator value	-1.40E-09	-1.20E-09	-1.70E-09	-2.00E-09	-1.90E-09	-1.90E-09	-1.90E-09	-2.10E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



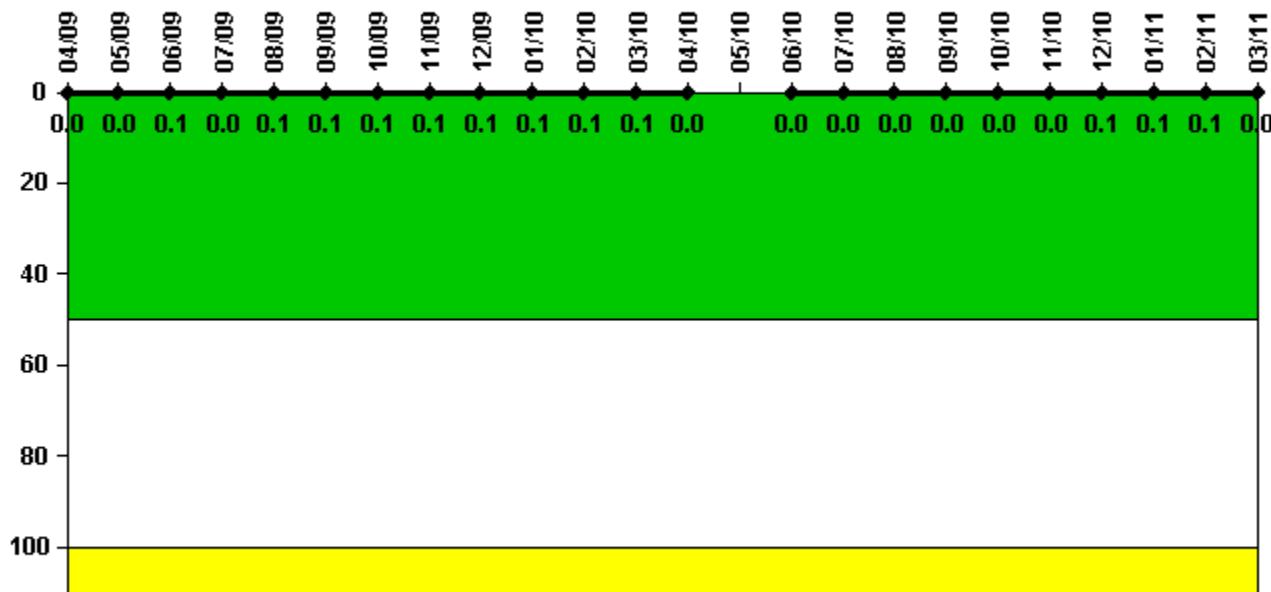
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (Δ CDF)	1.75E-07	2.16E-07	3.38E-07	3.48E-07	4.51E-07	5.42E-07	5.42E-07	3.41E-07
URI (Δ CDF)	-1.05E-08	-1.05E-08	-3.64E-08	-3.64E-08	-3.64E-08	-3.64E-08	-3.64E-08	-3.64E-08
PLE	NO							
Indicator value	1.60E-07	2.10E-07	3.00E-07	3.10E-07	4.10E-07	5.10E-07	5.40E-07	3.00E-07

Licensee Comments: none

Reactor Coolant System Activity



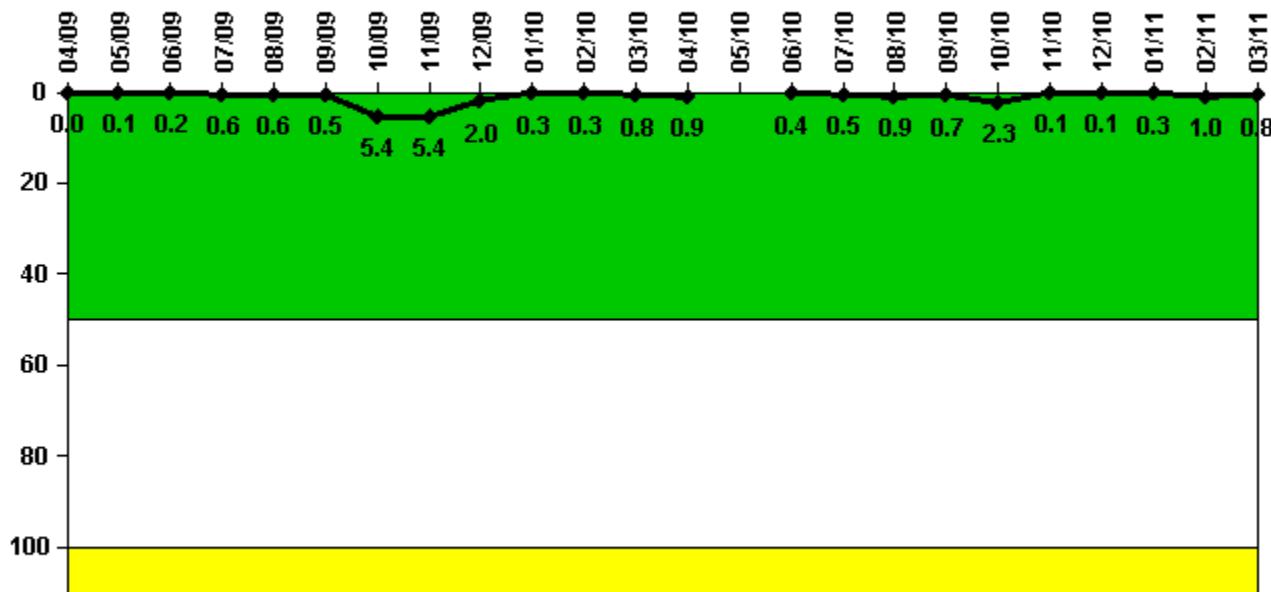
Thresholds: White > 50.0 Yellow > 100.0

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	0.000298	0.000288	0.000530	0.000494	0.000548	0.000576	0.000579	0.000577	0.000612	0.000695	0.000720	0.001000
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0.1	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	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	0.000364	N/A	0.000130	0.000395	0.000352	0.000436	0.000474	0.000476	0.000552	0.000590	0.000612	0.000355
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	N/A	0	0	0	0	0	0	0.1	0.1	0.1	0

Licensee Comments: none

Reactor Coolant System Leakage



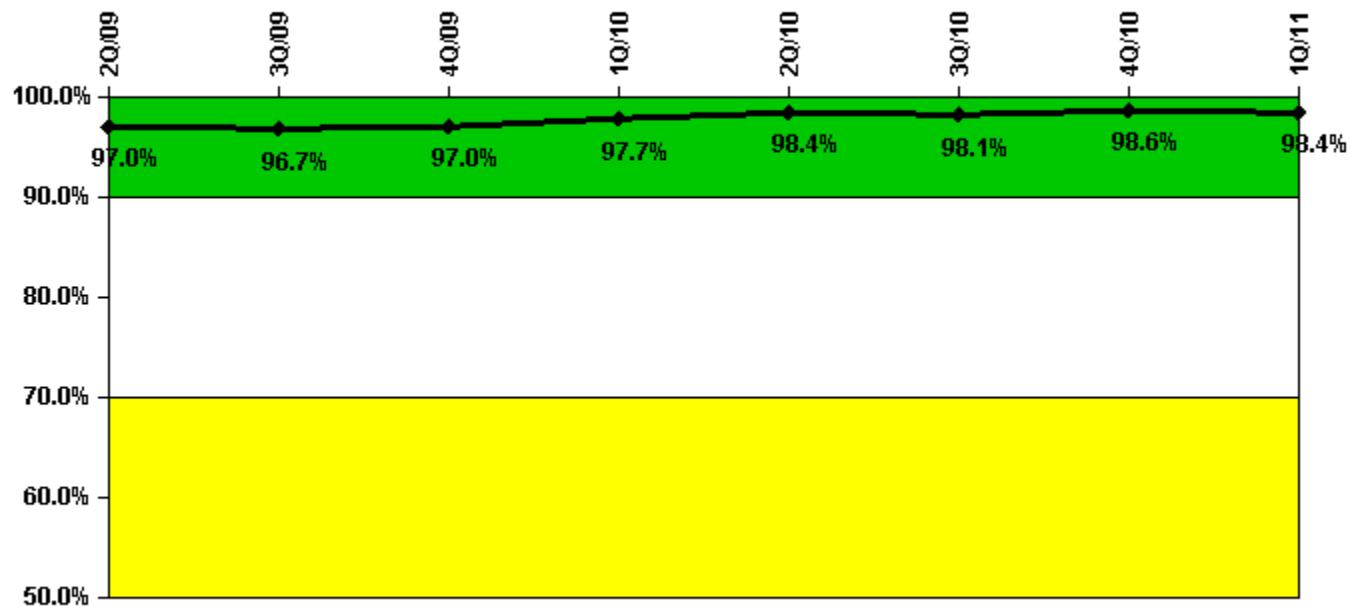
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10
Maximum leakage	0	0.009	0.015	0.057	0.060	0.050	0.540	0.540	0.200	0.030	0.030	0.080
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0.1	0.2	0.6	0.6	0.5	5.4	5.4	2.0	0.3	0.3	0.8
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	0.090	N/A	0.035	0.045	0.094	0.070	0.230	0.010	0.010	0.030	0.100	0.080
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.9	N/A	0.4	0.5	0.9	0.7	2.3	0.1	0.1	0.3	1.0	0.8

Licensee Comments: none

Drill/Exercise Performance



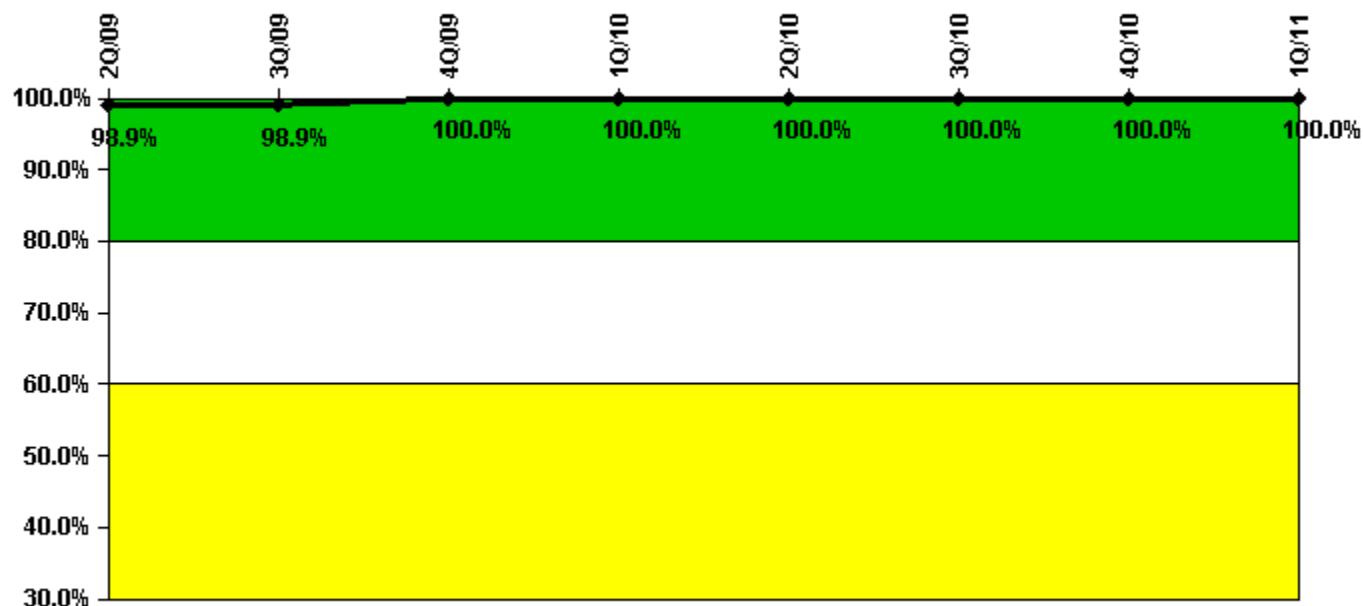
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Successful opportunities	26.0	51.0	74.0	21.0	9.0	76.0	52.0	0
Total opportunities	26.0	53.0	75.0	21.0	9.0	78.0	52.0	0
Indicator value	97.0%	96.7%	97.0%	97.7%	98.4%	98.1%	98.6%	98.4%

Licensee Comments: none

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

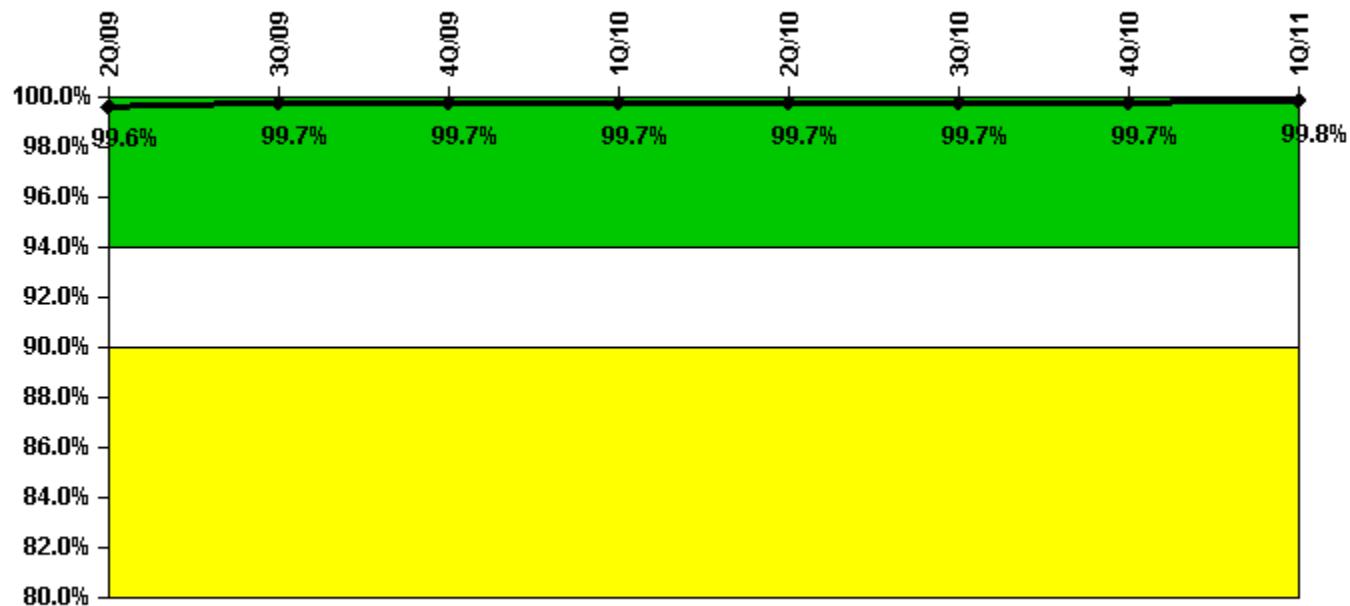
Notes

ERO Drill Participation	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Participating Key personnel	93.0	92.0	96.0	93.0	91.0	88.0	85.0	83.0
Total Key personnel	94.0	93.0	96.0	93.0	91.0	88.0	85.0	83.0
Indicator value	98.9%	98.9%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments:

4Q/10: 4Q/2010 data corrected from 86/86 to 85/85.

Alert & Notification System



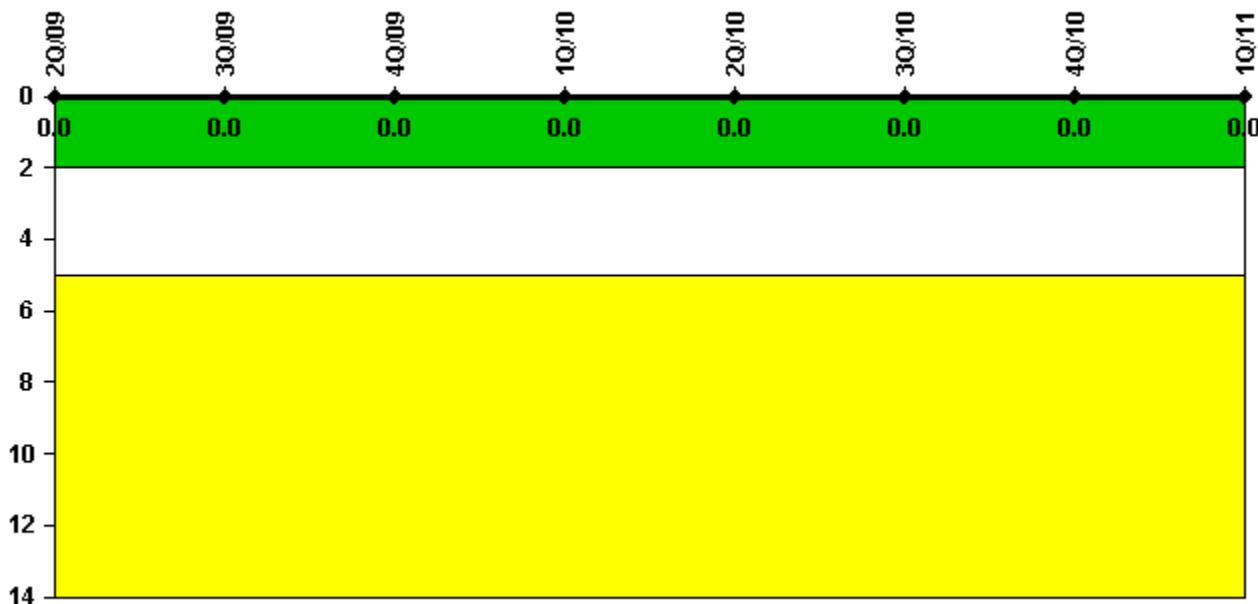
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Successful siren-tests	717	630	718	627	718	628	718	630
Total sirens-tests	720	630	720	630	720	630	720	630
Indicator value	99.6%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



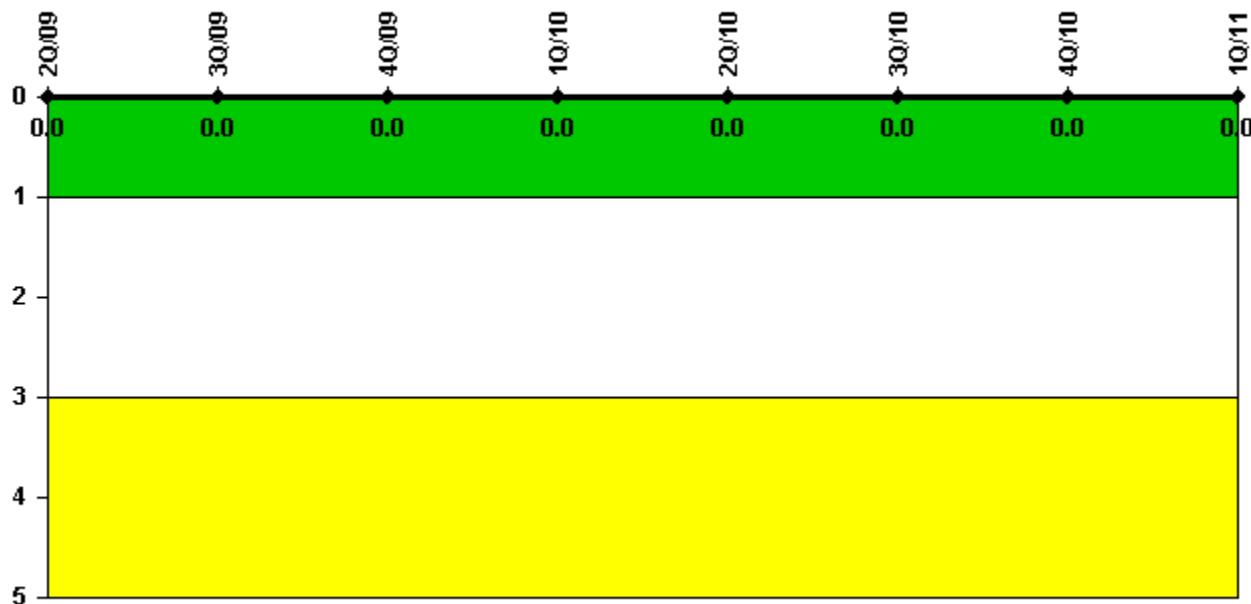
Thresholds: White > 2.0 Yellow > 5.0

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
Indicator value	0							

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

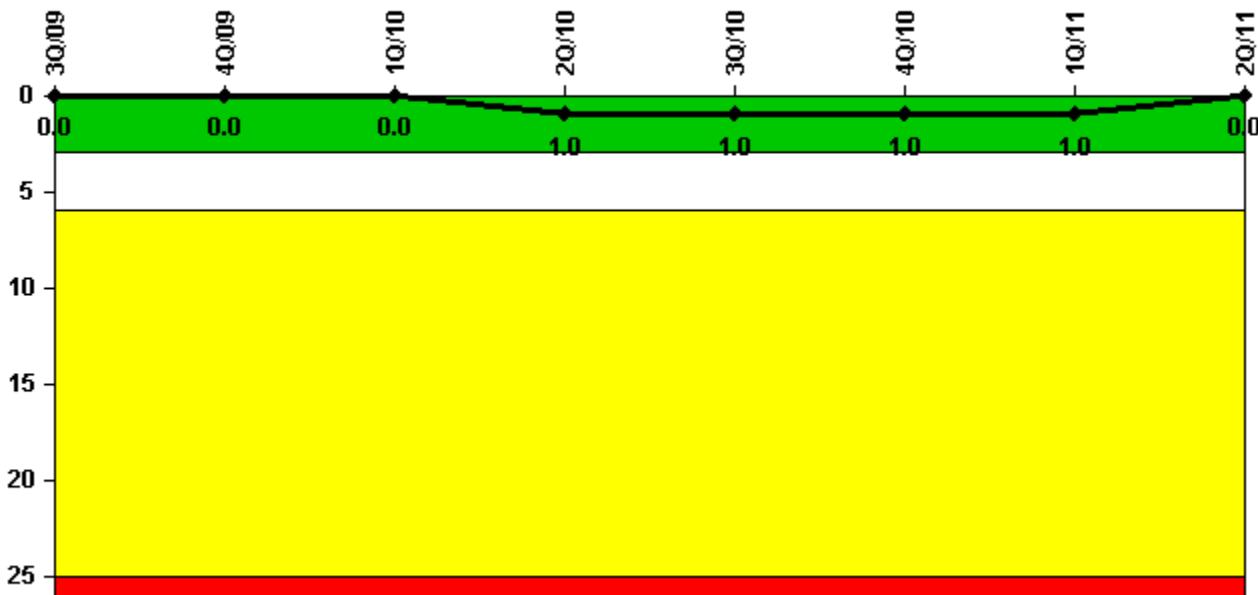
[Security](#) information not publicly available.

Saint Lucie 1

2Q/2011 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



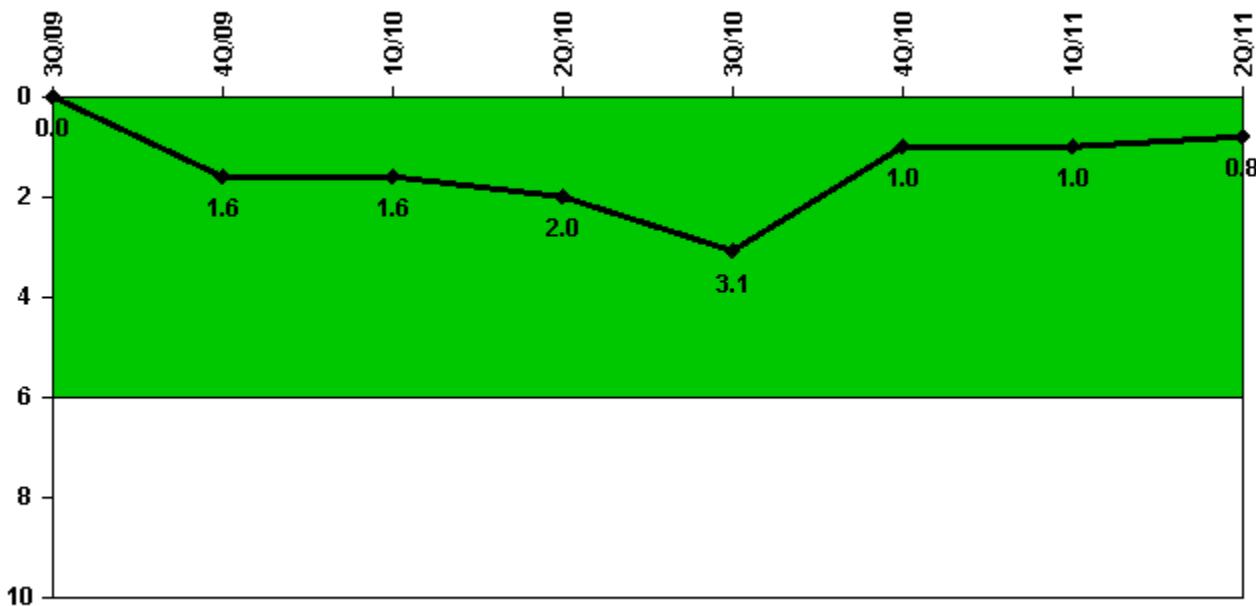
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0	0
Critical hours	2208.0	2209.0	2159.0	291.8	2208.0	2209.0	2159.0	2184.0
Indicator value	0	0	0	1.0	1.0	1.0	1.0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



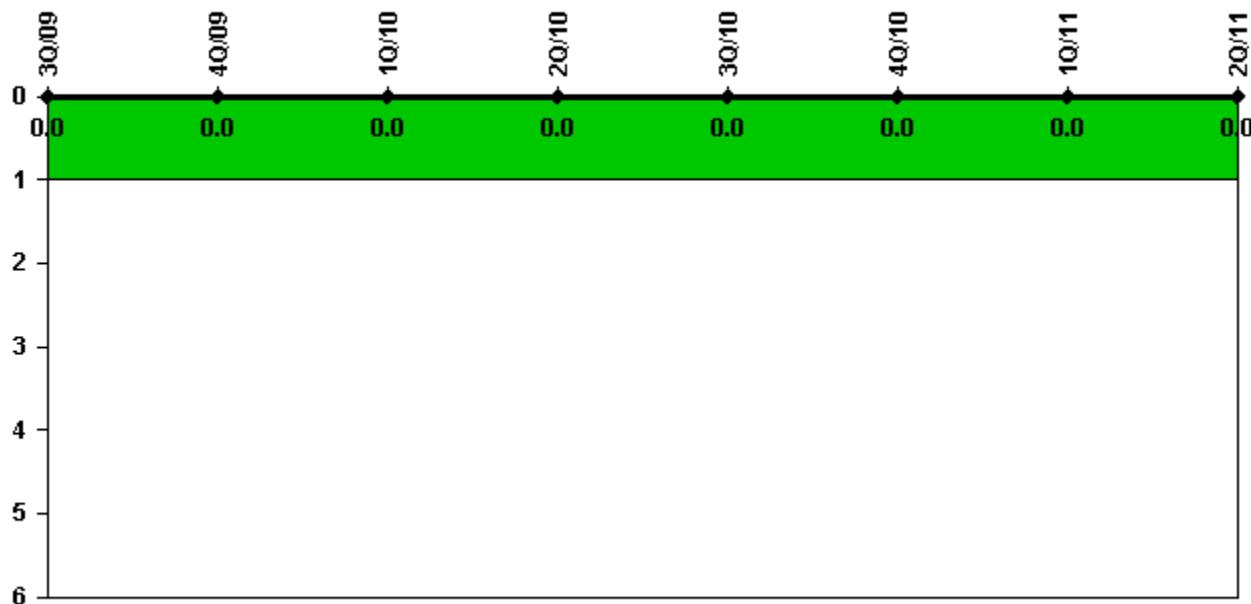
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Unplanned power changes	0	2.0	0	0	1.0	0	0	0
Critical hours	2208.0	2209.0	2159.0	291.8	2208.0	2209.0	2159.0	2184.0
Indicator value	0	1.6	1.6	2.0	3.1	1.0	1.0	0.8

Licensee Comments: none

Unplanned Scrams with Complications



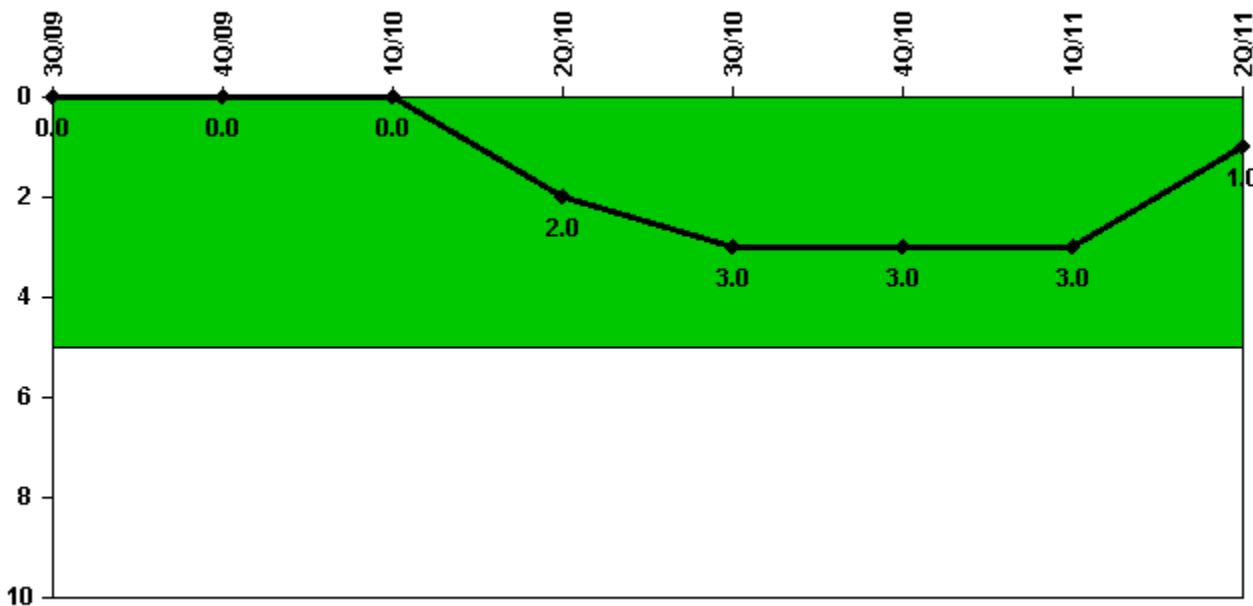
Thresholds: White > 1.0

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

Safety System Functional Failures (PWR)



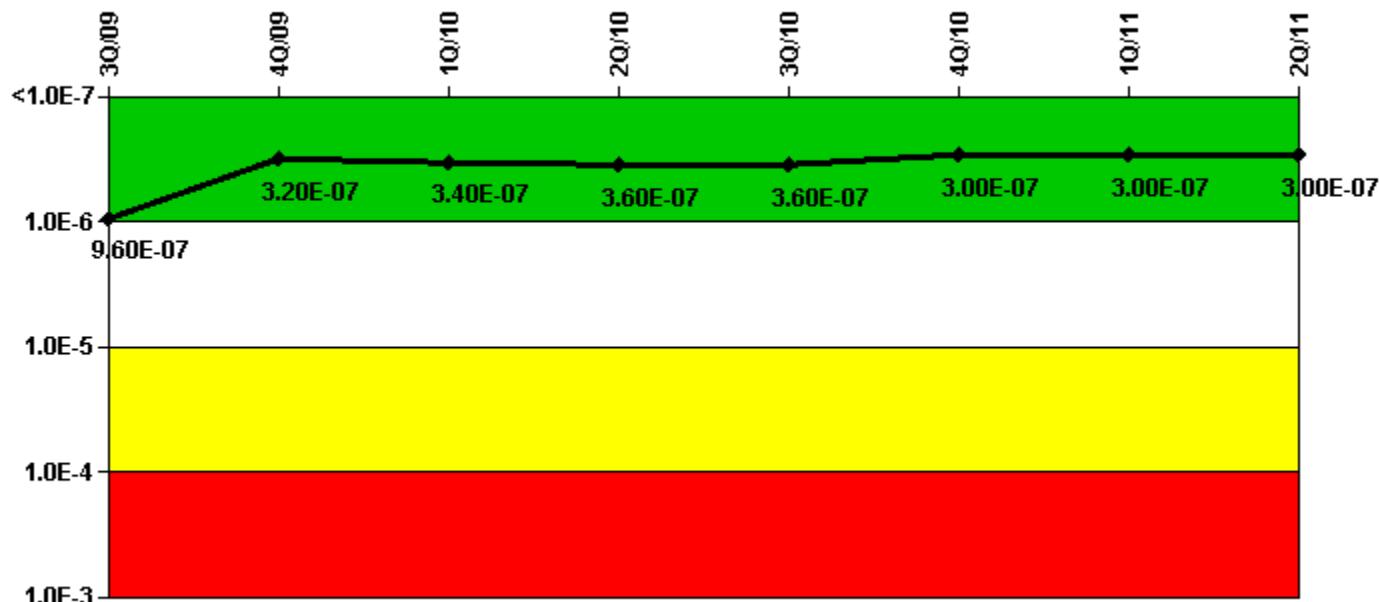
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Safety System Functional Failures	0	0	0	2	1	0	0	0
Indicator value	0	0	0	2	3	3	3	1

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



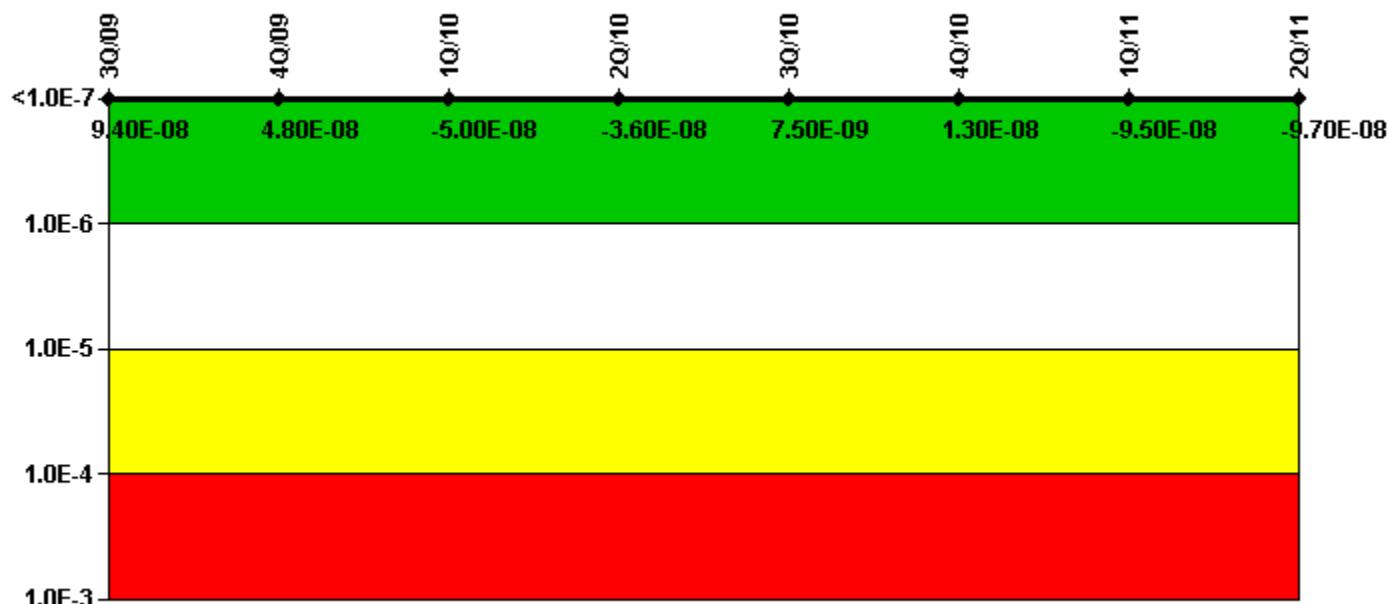
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (Δ CDF)	1.72E-07	5.63E-08	5.65E-08	5.06E-08	5.36E-08	6.15E-08	6.19E-08	6.25E-08
URI (Δ CDF)	7.85E-07	2.68E-07	2.87E-07	3.05E-07	3.05E-07	2.34E-07	2.34E-07	2.34E-07
PLE	NO							
Indicator value	9.60E-07	3.20E-07	3.40E-07	3.60E-07	3.60E-07	3.00E-07	3.00E-07	3.00E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



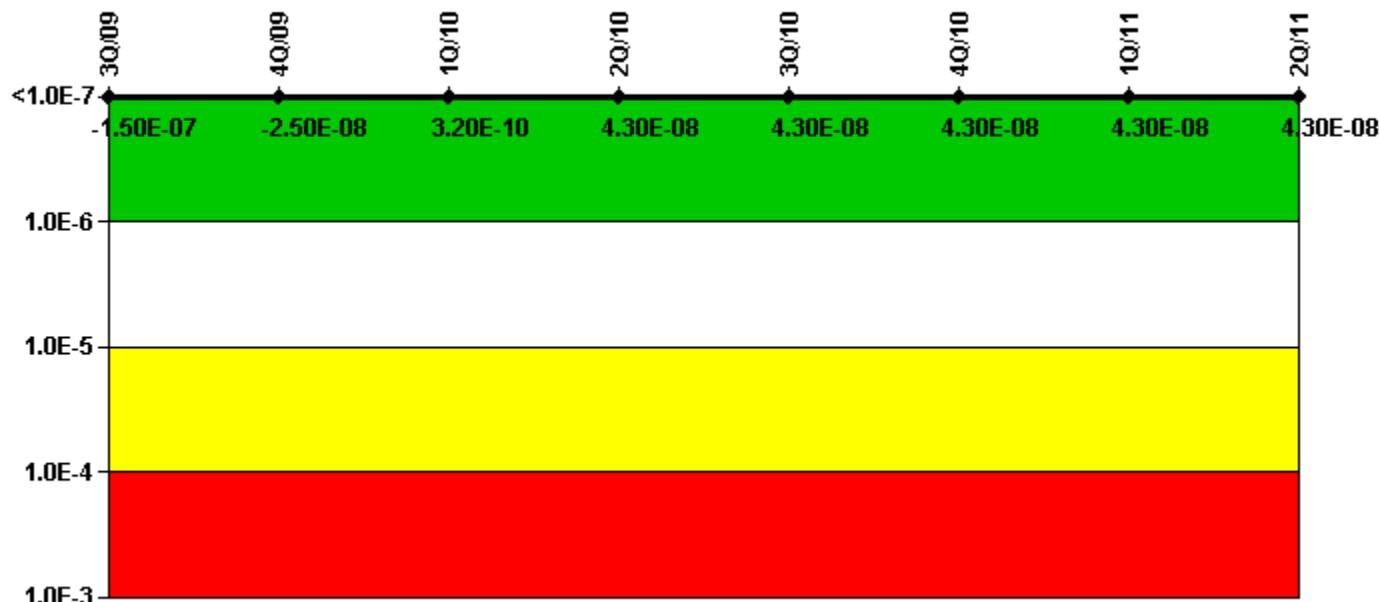
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (Δ CDF)	2.01E-07	1.76E-07	7.77E-08	9.18E-08	1.35E-07	1.40E-07	3.32E-08	3.09E-08
URI (Δ CDF)	-1.06E-07	-1.28E-07	-1.28E-07	-1.28E-07	-1.28E-07	-1.28E-07	-1.28E-07	-1.28E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	9.40E-08	4.80E-08	-5.00E-08	-3.60E-08	7.50E-09	1.30E-08	-9.50E-08	-9.70E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



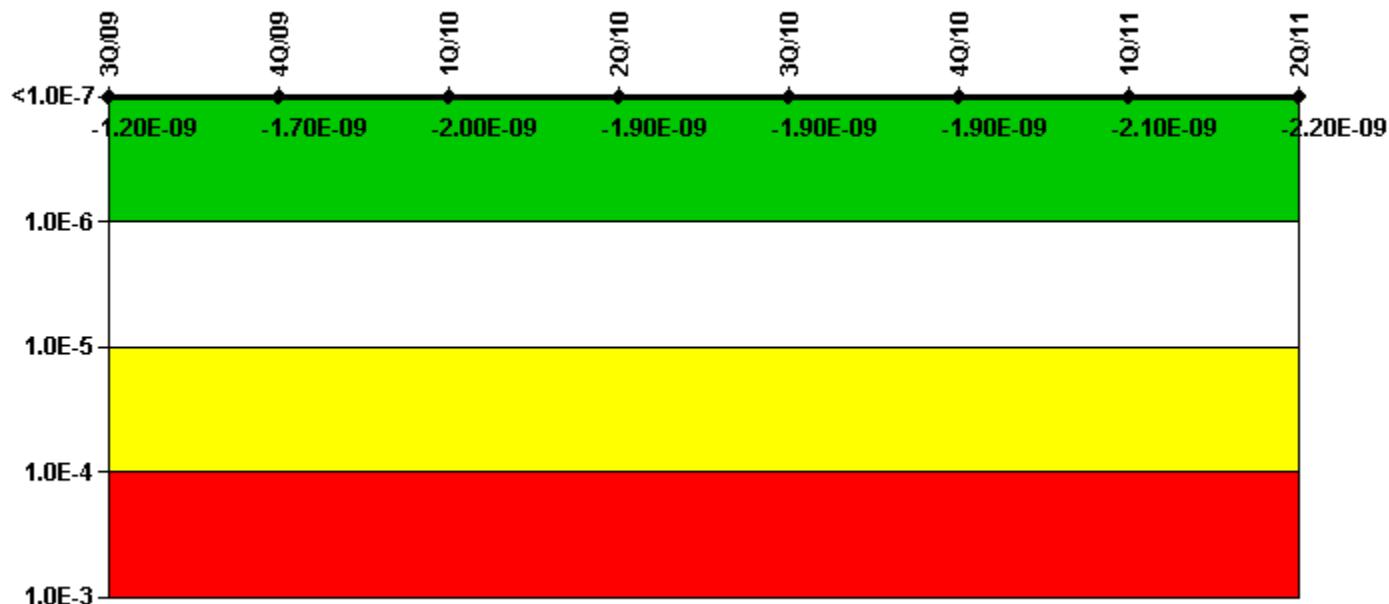
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (Δ CDF)	-3.11E-08	-4.56E-09	-3.03E-09	7.14E-09	7.14E-09	7.14E-09	7.16E-09	7.16E-09
URI (Δ CDF)	-1.18E-07	-2.03E-08	3.35E-09	3.56E-08	3.56E-08	3.56E-08	3.56E-08	3.56E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.50E-07	-2.50E-08	3.20E-10	4.30E-08	4.30E-08	4.30E-08	4.30E-08	4.30E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



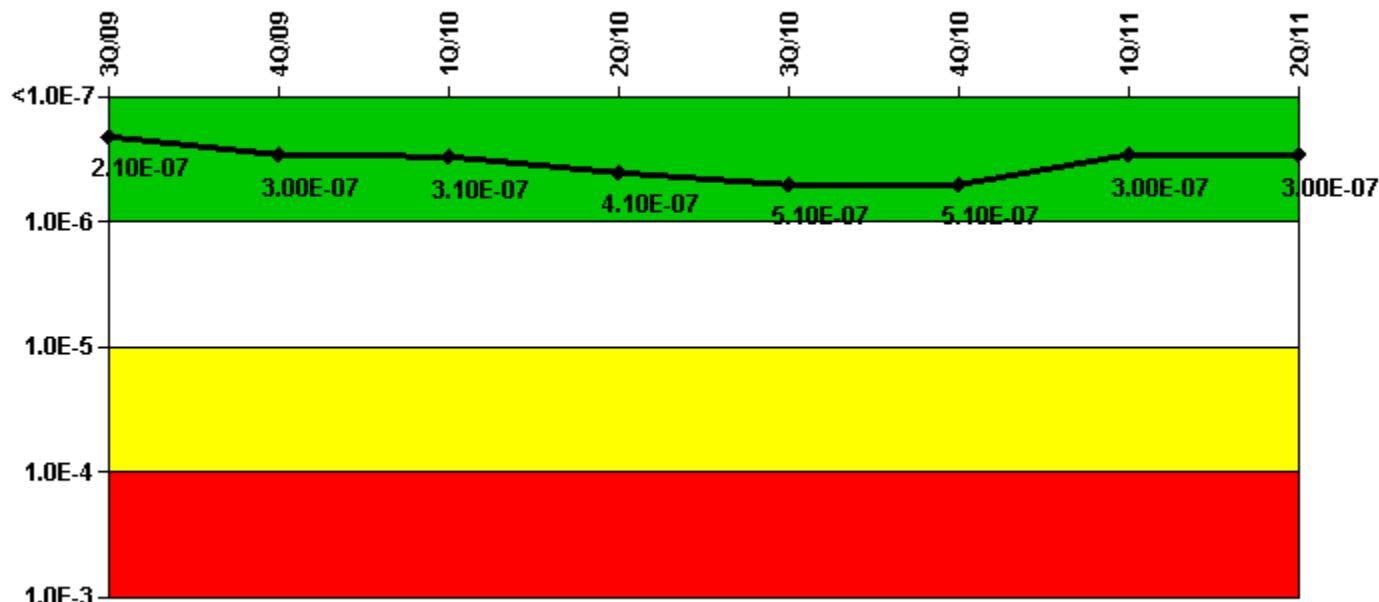
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (Δ CDF)	1.33E-09	5.08E-10	2.62E-10	3.09E-10	3.06E-10	3.08E-10	1.29E-10	7.27E-11
URI (Δ CDF)	-2.53E-09	-2.25E-09						
PLE	NO							
Indicator value	-1.20E-09	-1.70E-09	-2.00E-09	-1.90E-09	-1.90E-09	-1.90E-09	-2.10E-09	-2.20E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



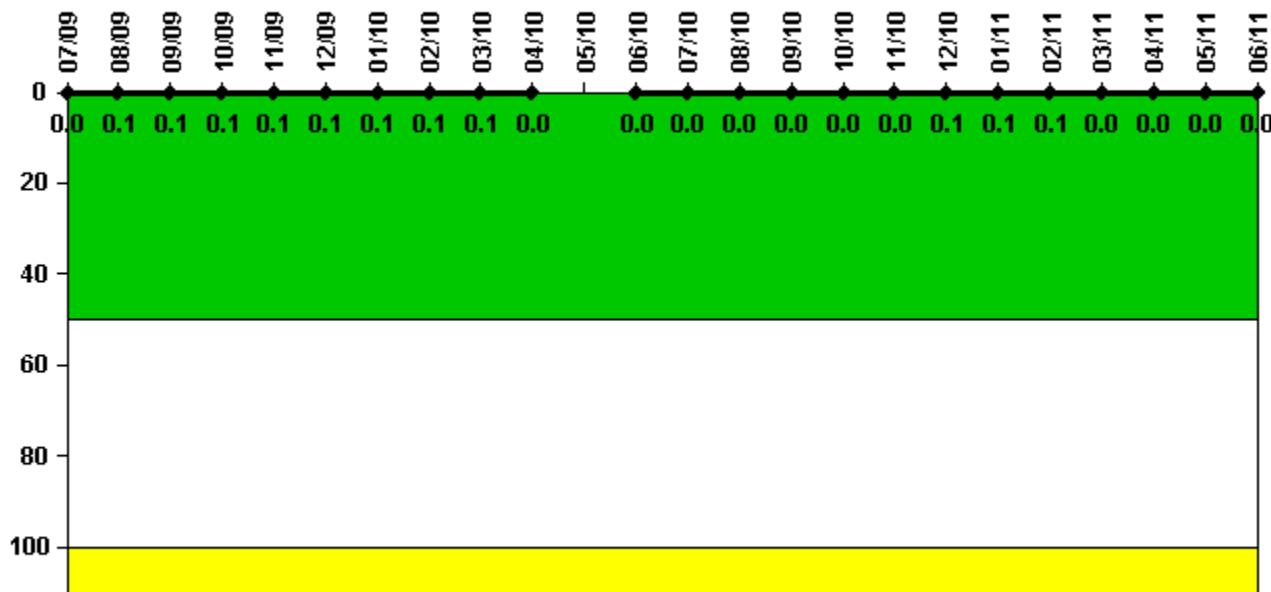
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (Δ CDF)	2.16E-07	3.38E-07	3.48E-07	4.51E-07	5.42E-07	5.42E-07	3.41E-07	3.38E-07
URI (Δ CDF)	-1.05E-08	-3.64E-08						
PLE	NO							
Indicator value	2.10E-07	3.00E-07	3.10E-07	4.10E-07	5.10E-07	5.10E-07	3.00E-07	3.00E-07

Licensee Comments: none

Reactor Coolant System Activity



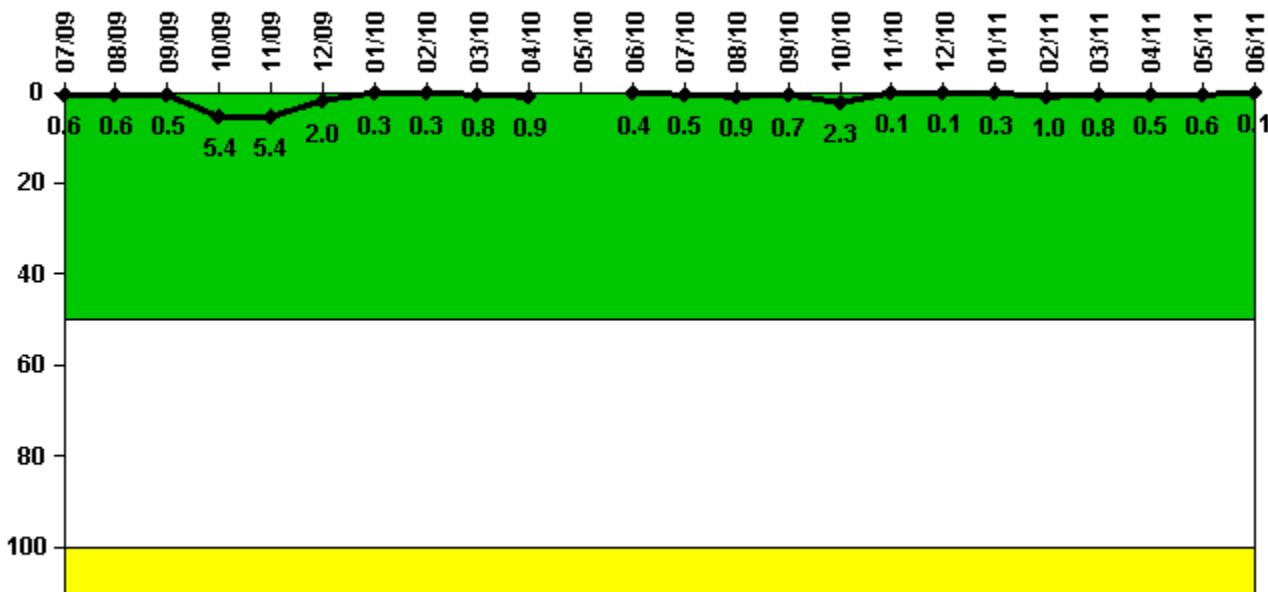
Thresholds: White > 50.0 Yellow > 100.0

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	0.000494	0.000548	0.000576	0.000579	0.000577	0.000612	0.000695	0.000720	0.001000	0.000364	N/A	0.000130
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0	N/A	0
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	0.000395	0.000352	0.000436	0.000474	0.000476	0.000552	0.000590	0.000612	0.000355	0.000362	0.000395	0.000398
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0.1	0.1	0.1	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



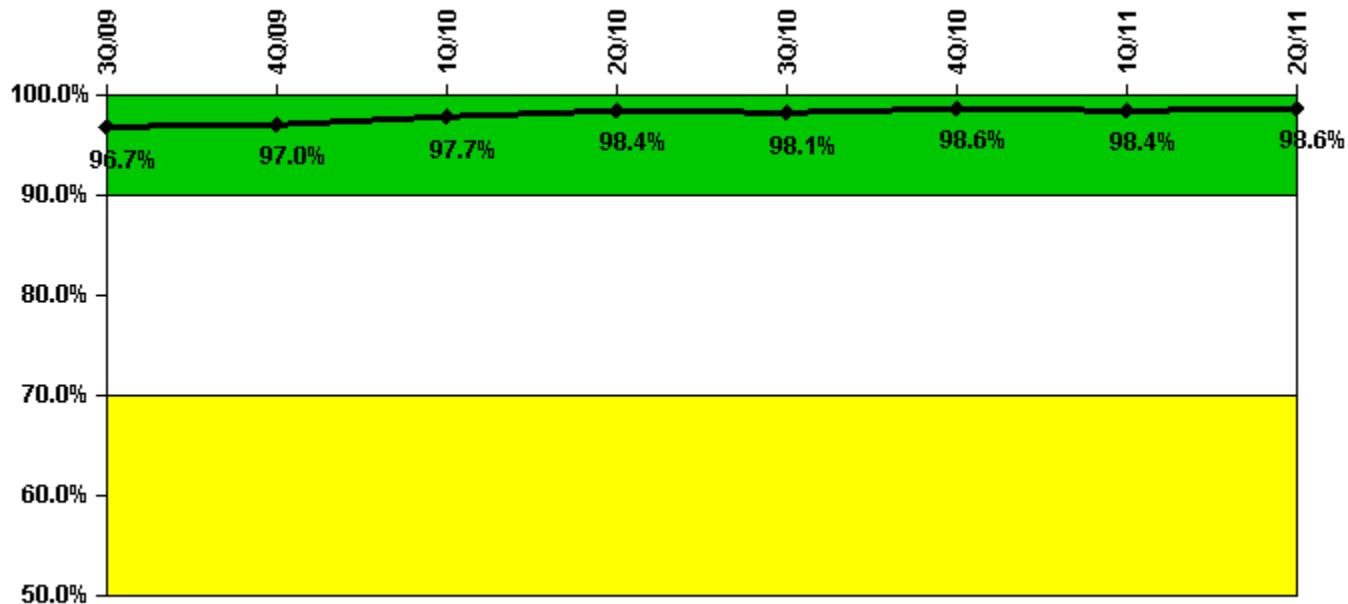
Thresholds: White > 50.0 Yellow > 100.0

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	0.057	0.060	0.050	0.540	0.540	0.200	0.030	0.030	0.080	0.090	N/A	0.035
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.6	0.6	0.5	5.4	5.4	2.0	0.3	0.3	0.8	0.9	N/A	0.4
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	0.045	0.094	0.070	0.230	0.010	0.010	0.030	0.100	0.080	0.050	0.060	0.010
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	0.9	0.7	2.3	0.1	0.1	0.3	1.0	0.8	0.5	0.6	0.1

Licensee Comments: none

Drill/Exercise Performance



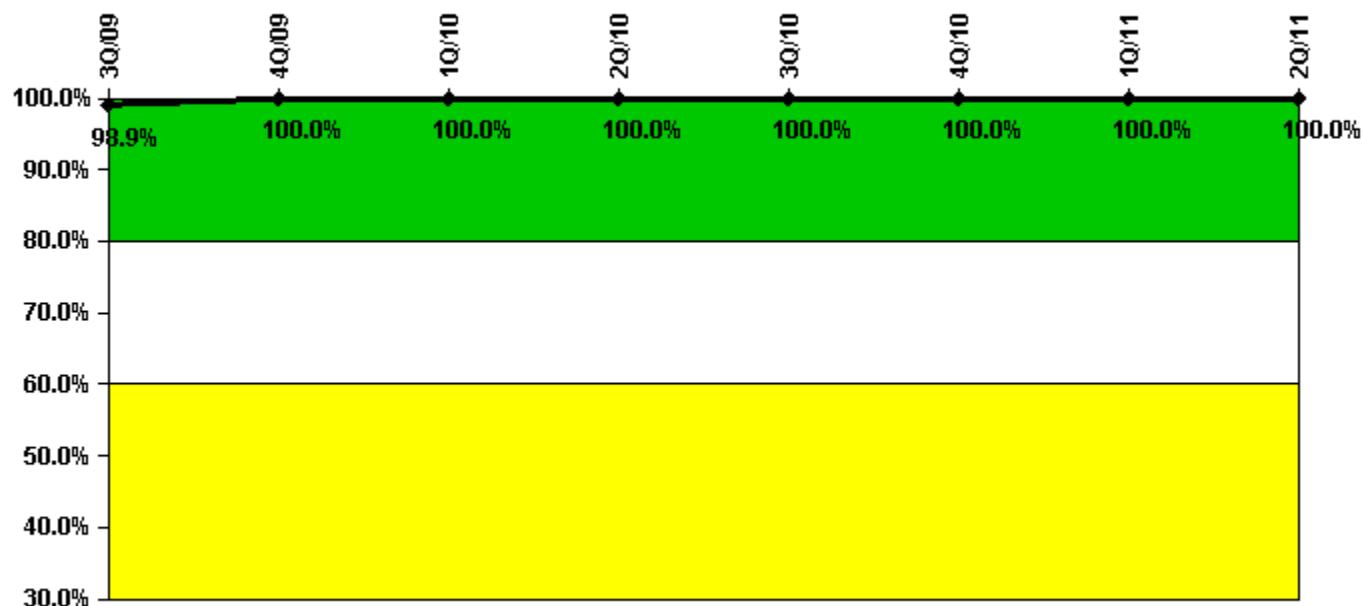
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Successful opportunities	51.0	74.0	21.0	9.0	76.0	52.0	0	69.0
Total opportunities	53.0	75.0	21.0	9.0	78.0	52.0	0	69.0
Indicator value	96.7%	97.0%	97.7%	98.4%	98.1%	98.6%	98.4%	98.6%

Licensee Comments: none

ERO Drill Participation



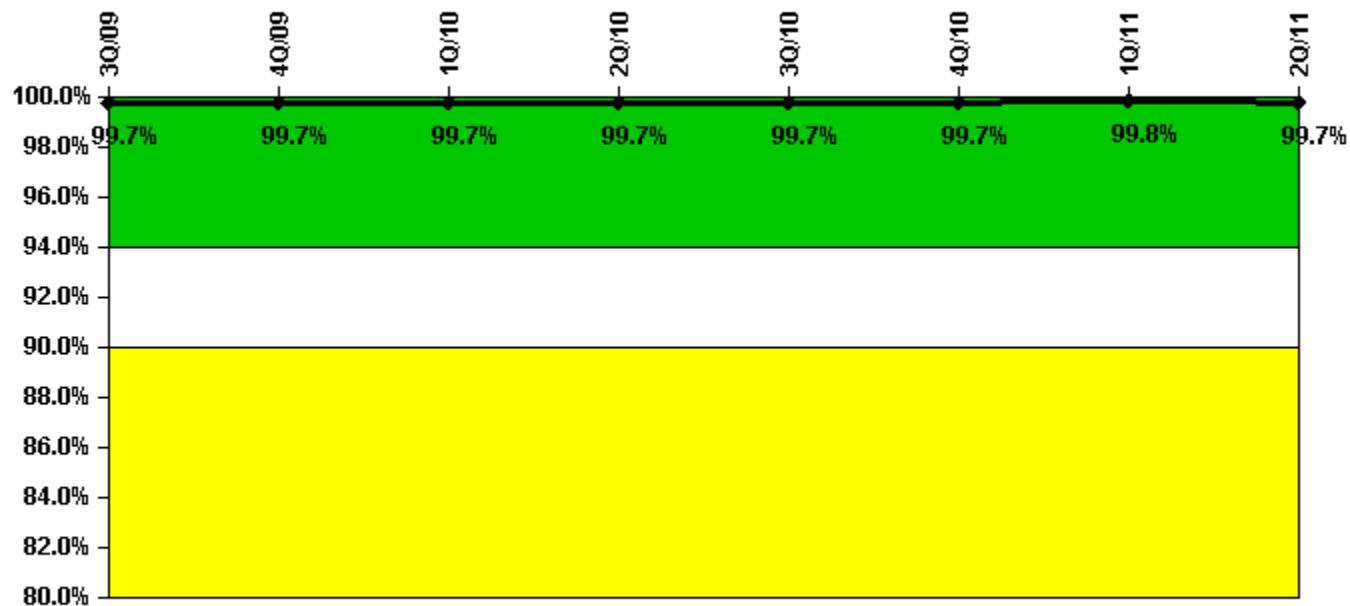
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Participating Key personnel	92.0	96.0	93.0	91.0	88.0	85.0	83.0	88.0
Total Key personnel	93.0	96.0	93.0	91.0	88.0	85.0	83.0	88.0
Indicator value	98.9%	100.0%						

Licensee Comments: none

Alert & Notification System



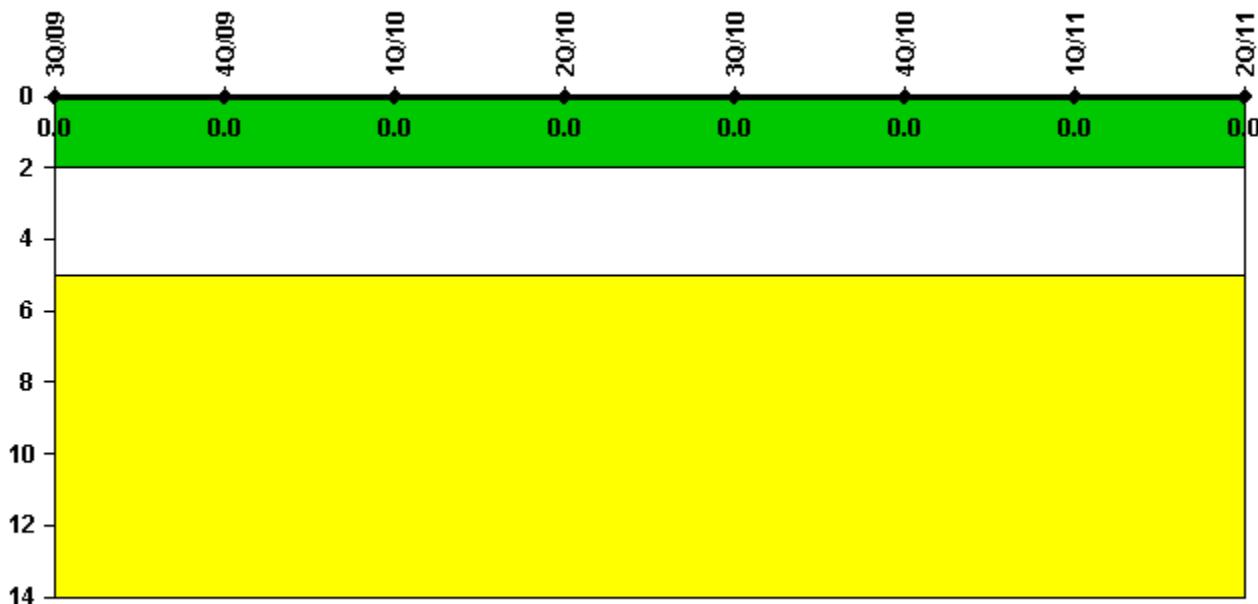
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Successful siren-tests	630	718	627	718	628	718	630	715
Total sirens-tests	630	720	630	720	630	720	630	720
Indicator value	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.8%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



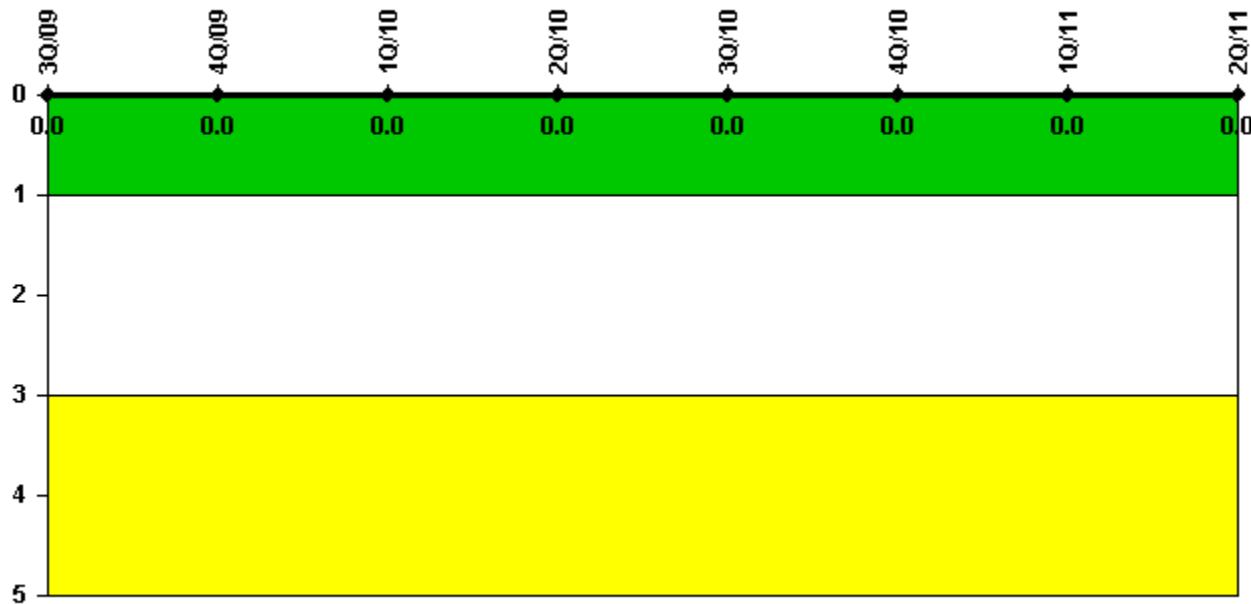
Thresholds: White > 2.0 Yellow > 5.0

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
Indicator value	0							

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

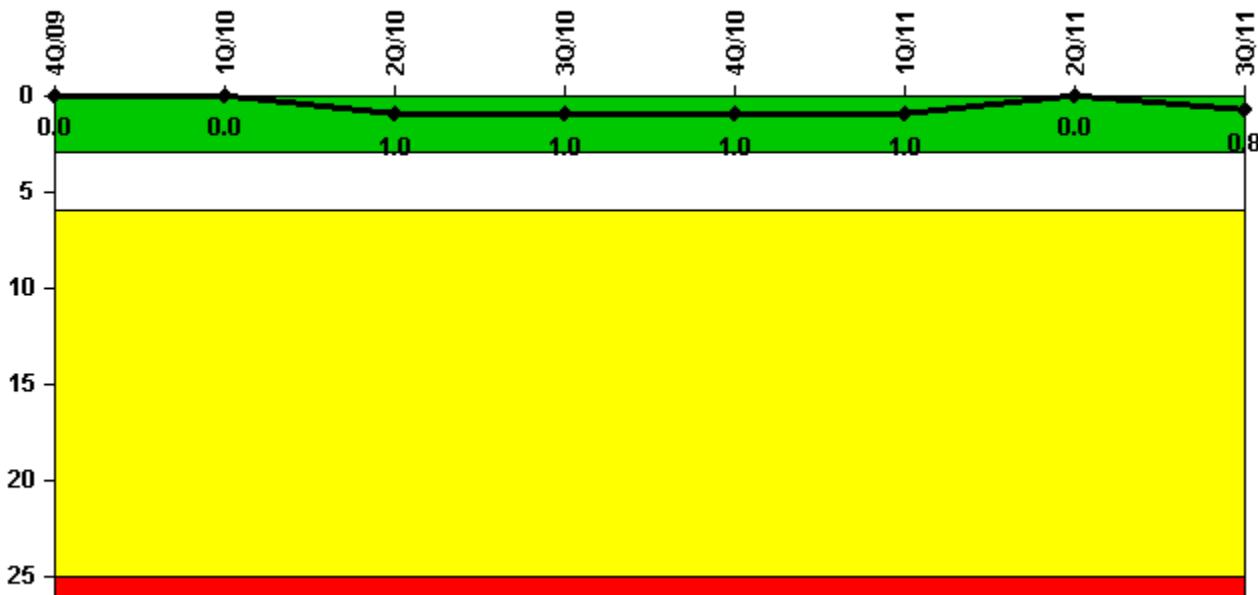
[Security](#) information not publicly available.

Saint Lucie 1

3Q/2011 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



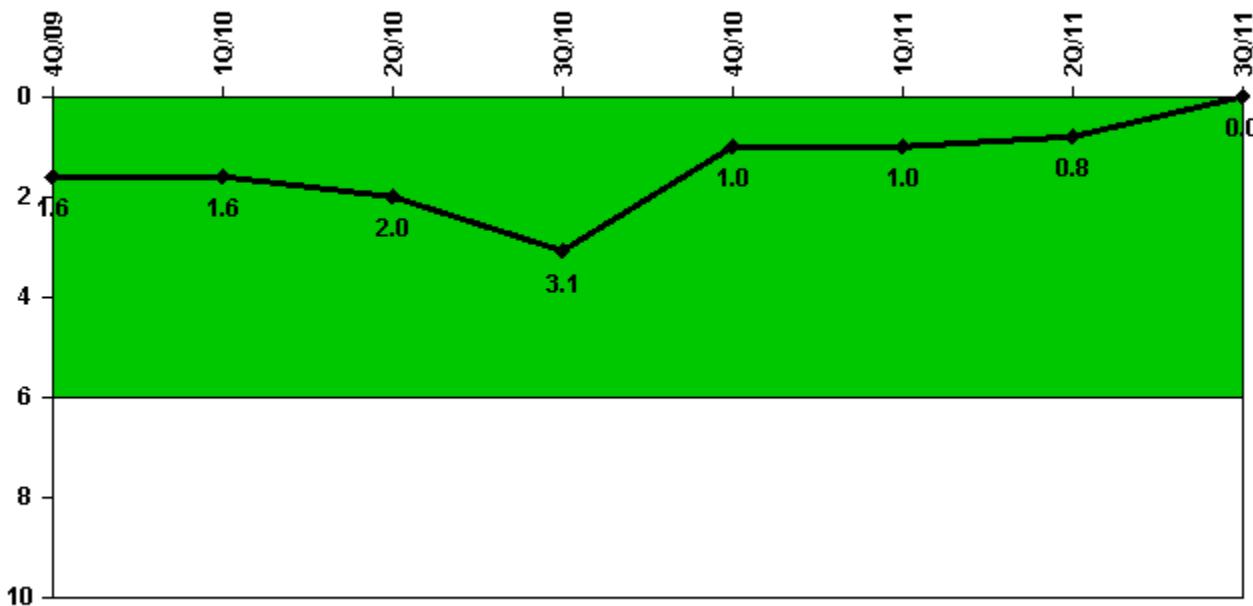
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0	0	1.0
Critical hours	2209.0	2159.0	291.8	2208.0	2209.0	2159.0	2184.0	2123.2
Indicator value	0	0	1.0	1.0	1.0	1.0	0	0.8

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



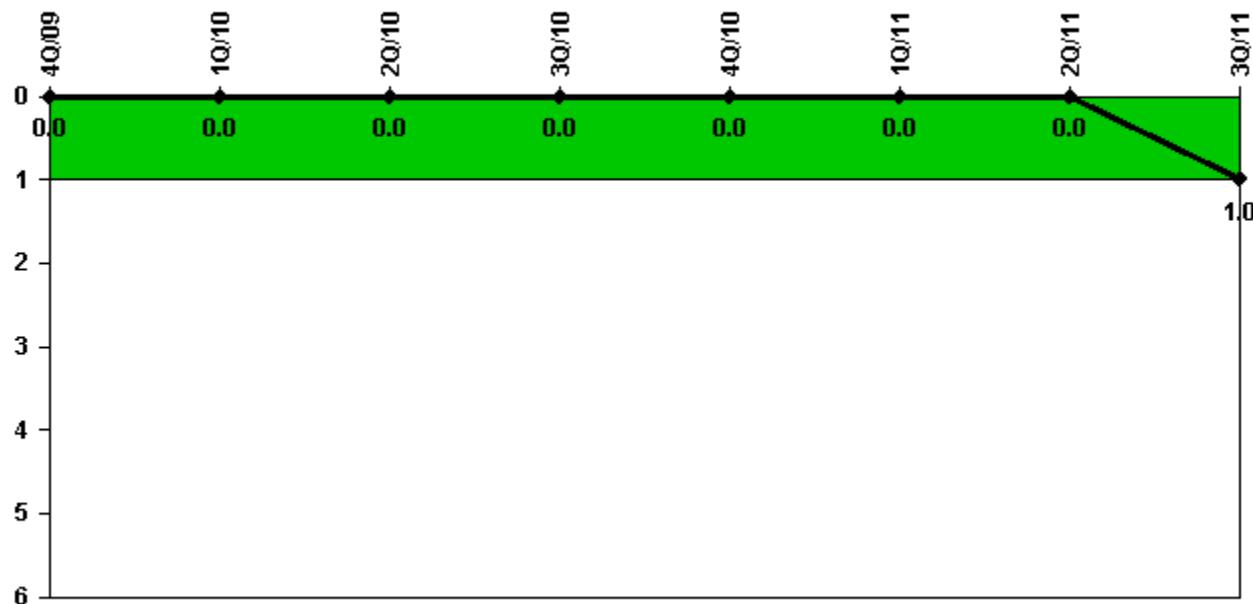
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Unplanned power changes	2.0	0	0	1.0	0	0	0	0
Critical hours	2209.0	2159.0	291.8	2208.0	2209.0	2159.0	2184.0	2123.2
Indicator value	1.6	1.6	2.0	3.1	1.0	1.0	0.8	0

Licensee Comments: none

Unplanned Scrams with Complications



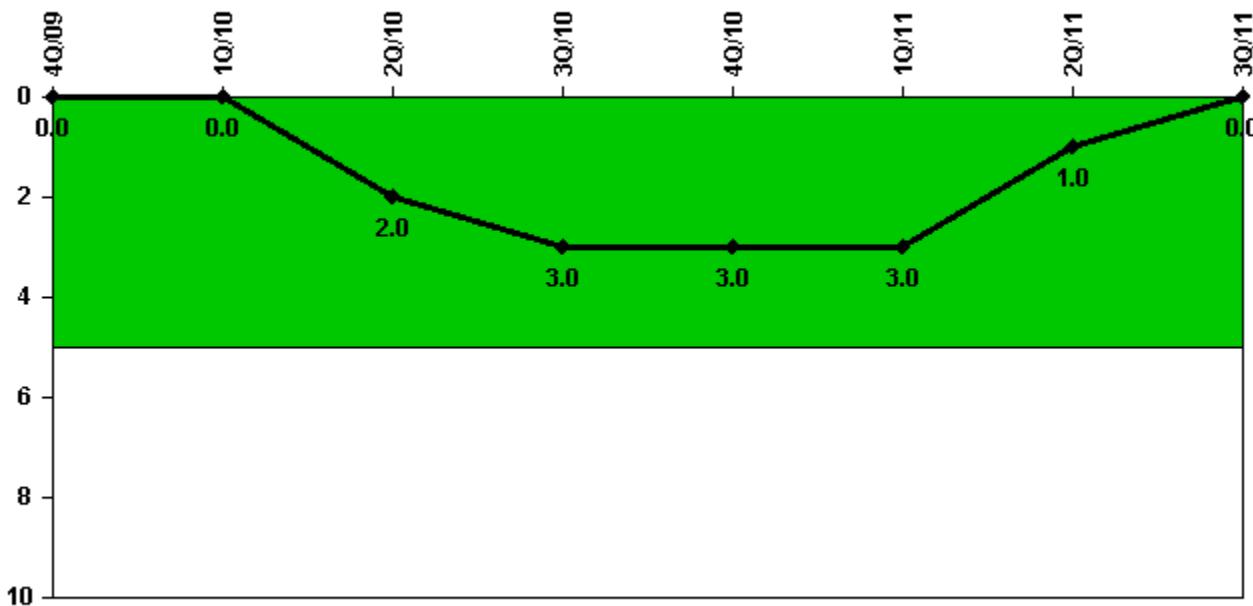
Thresholds: White > 1.0

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	1.0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0

Licensee Comments: none

Safety System Functional Failures (PWR)



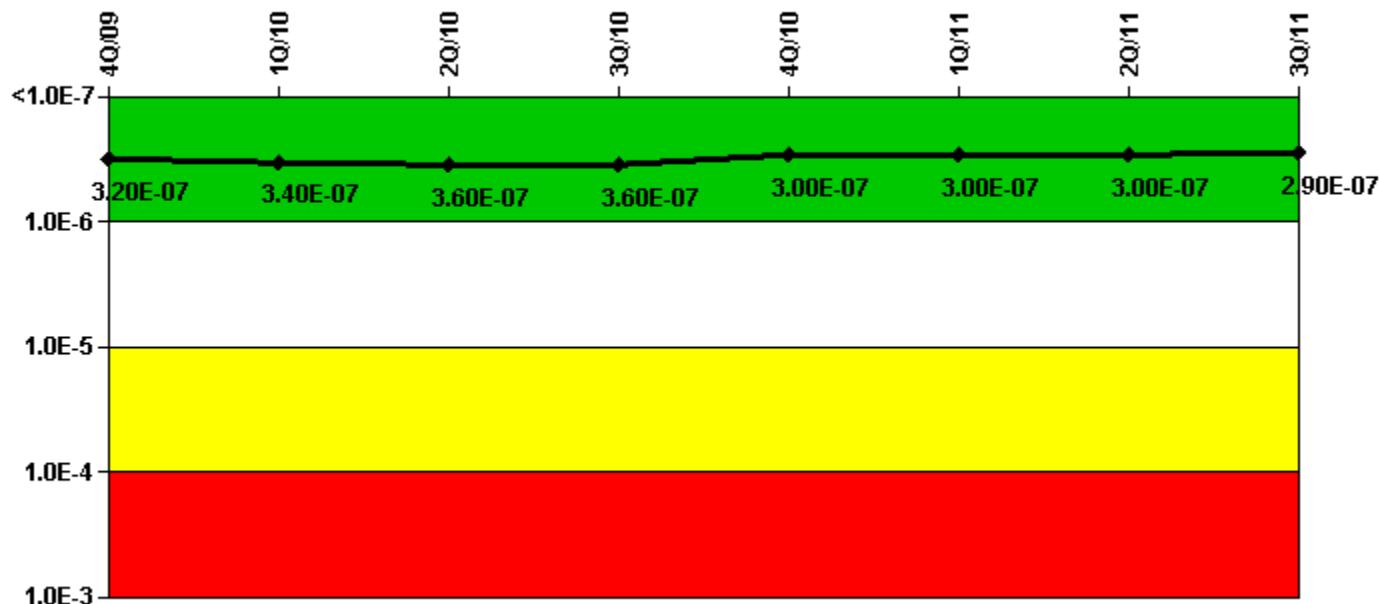
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Safety System Functional Failures	0	0	2	1	0	0	0	0
Indicator value	0	0	2	3	3	3	1	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



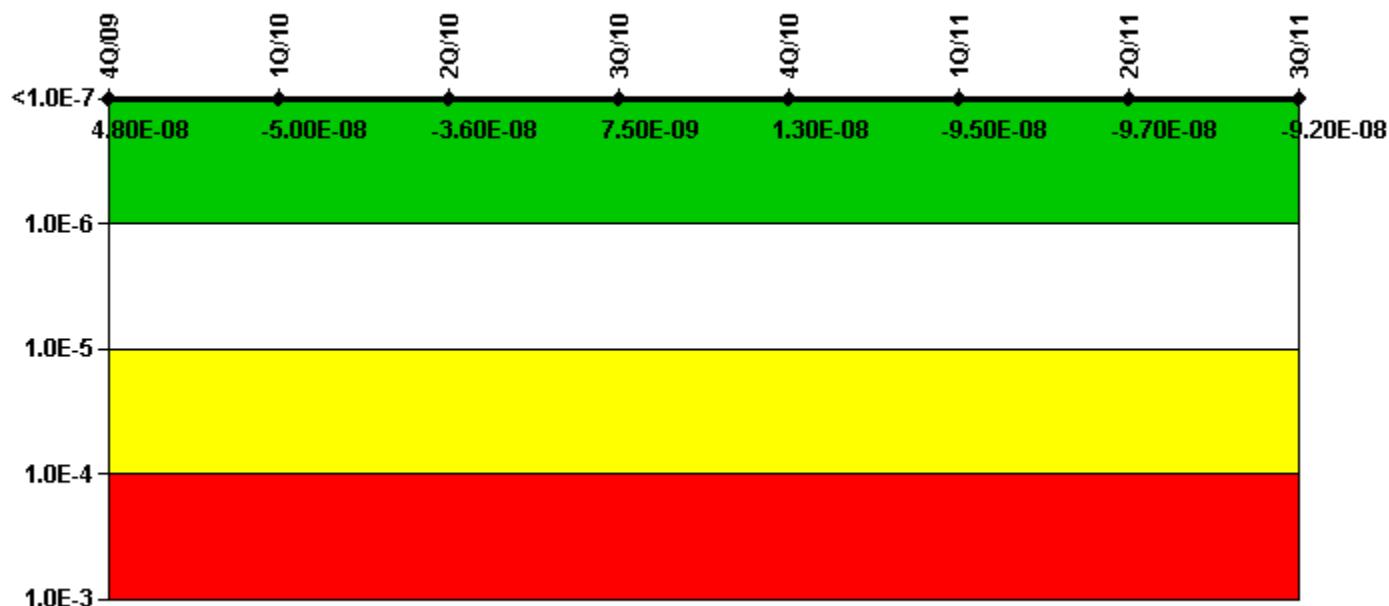
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (Δ CDF)	5.63E-08	5.65E-08	5.06E-08	5.36E-08	6.15E-08	6.19E-08	6.25E-08	5.39E-08
URI (Δ CDF)	2.68E-07	2.87E-07	3.05E-07	3.05E-07	2.34E-07	2.34E-07	2.34E-07	2.34E-07
PLE	NO							
Indicator value	3.20E-07	3.40E-07	3.60E-07	3.60E-07	3.00E-07	3.00E-07	3.00E-07	2.90E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



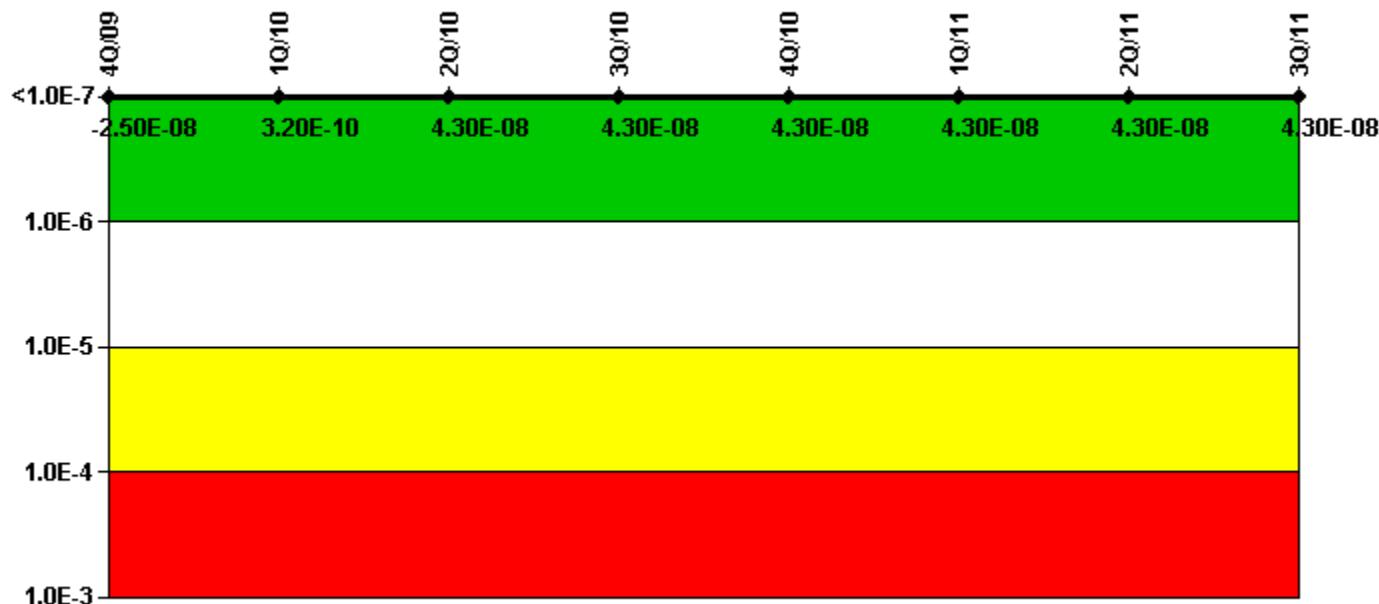
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (Δ CDF)	1.76E-07	7.77E-08	9.18E-08	1.35E-07	1.40E-07	3.32E-08	3.09E-08	3.59E-08
URI (Δ CDF)	-1.28E-07	-1.28E-07	-1.28E-07	-1.28E-07	-1.28E-07	-1.28E-07	-1.28E-07	-1.28E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.80E-08	-5.00E-08	-3.60E-08	7.50E-09	1.30E-08	-9.50E-08	-9.70E-08	-9.20E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



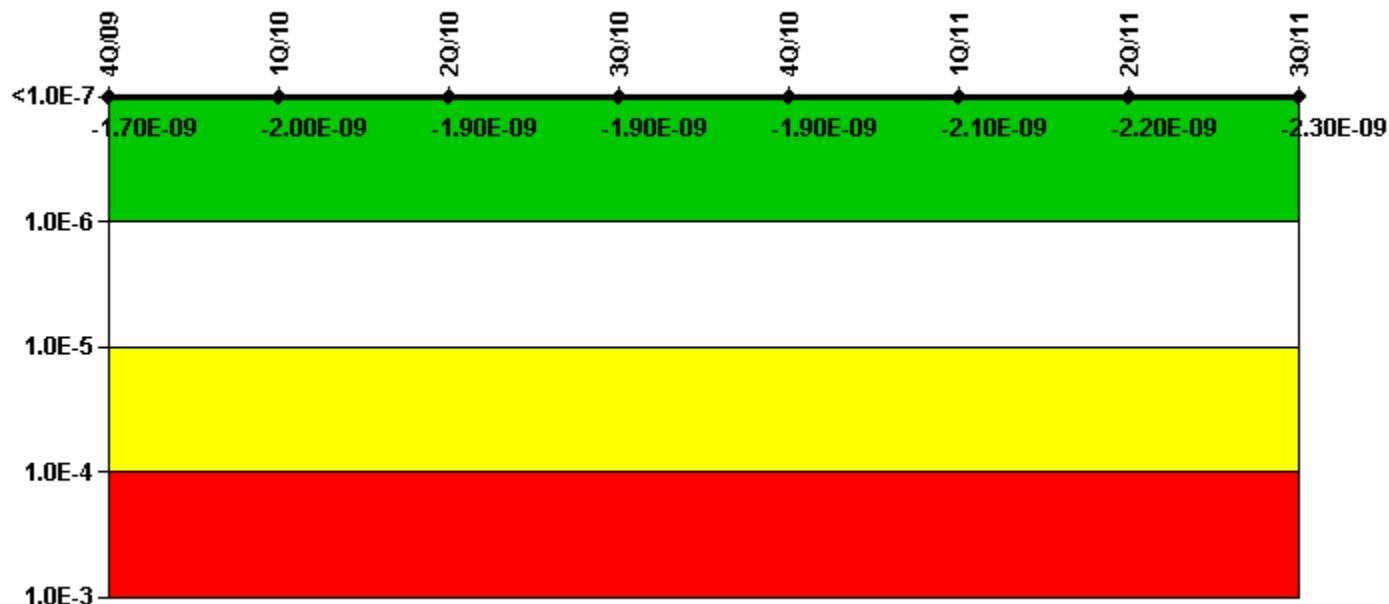
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (Δ CDF)	-4.56E-09	-3.03E-09	7.14E-09	7.14E-09	7.14E-09	7.16E-09	7.16E-09	7.14E-09
URI (Δ CDF)	-2.03E-08	3.35E-09	3.56E-08	3.56E-08	3.56E-08	3.56E-08	3.56E-08	3.56E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.50E-08	3.20E-10	4.30E-08	4.30E-08	4.30E-08	4.30E-08	4.30E-08	4.30E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



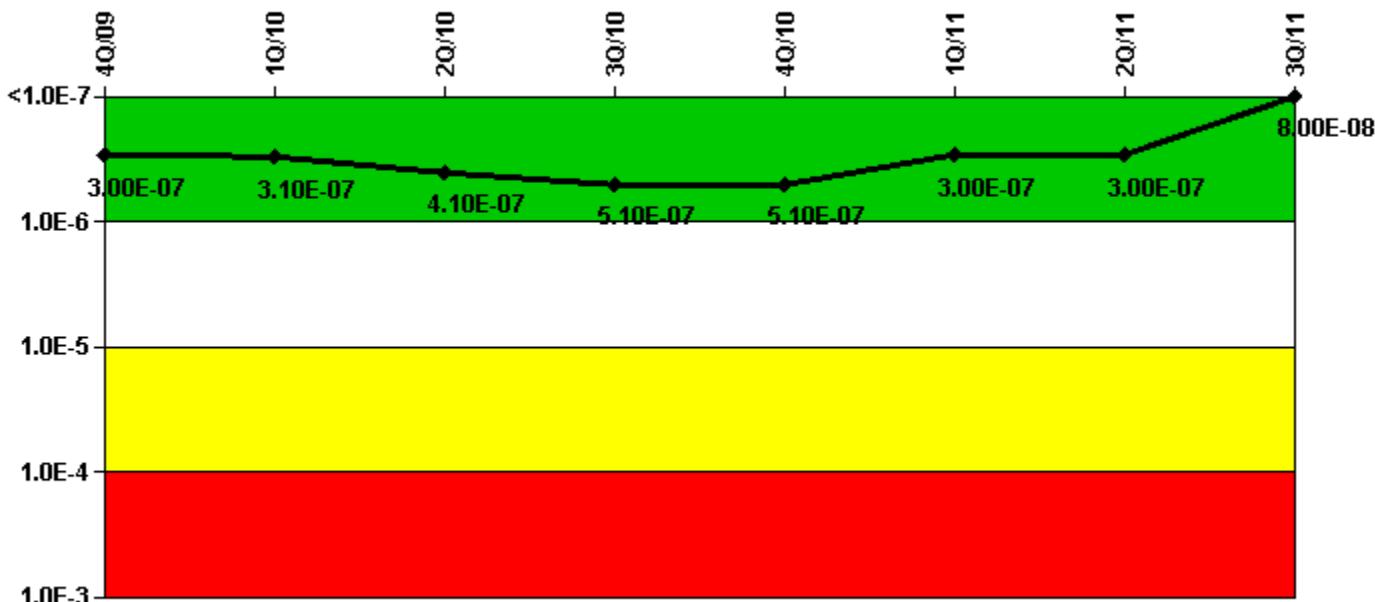
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (Δ CDF)	5.08E-10	2.62E-10	3.09E-10	3.06E-10	3.08E-10	1.29E-10	7.27E-11	-3.77E-11
URI (Δ CDF)	-2.25E-09							
PLE	NO							
Indicator value	-1.70E-09	-2.00E-09	-1.90E-09	-1.90E-09	-1.90E-09	-2.10E-09	-2.20E-09	-2.30E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



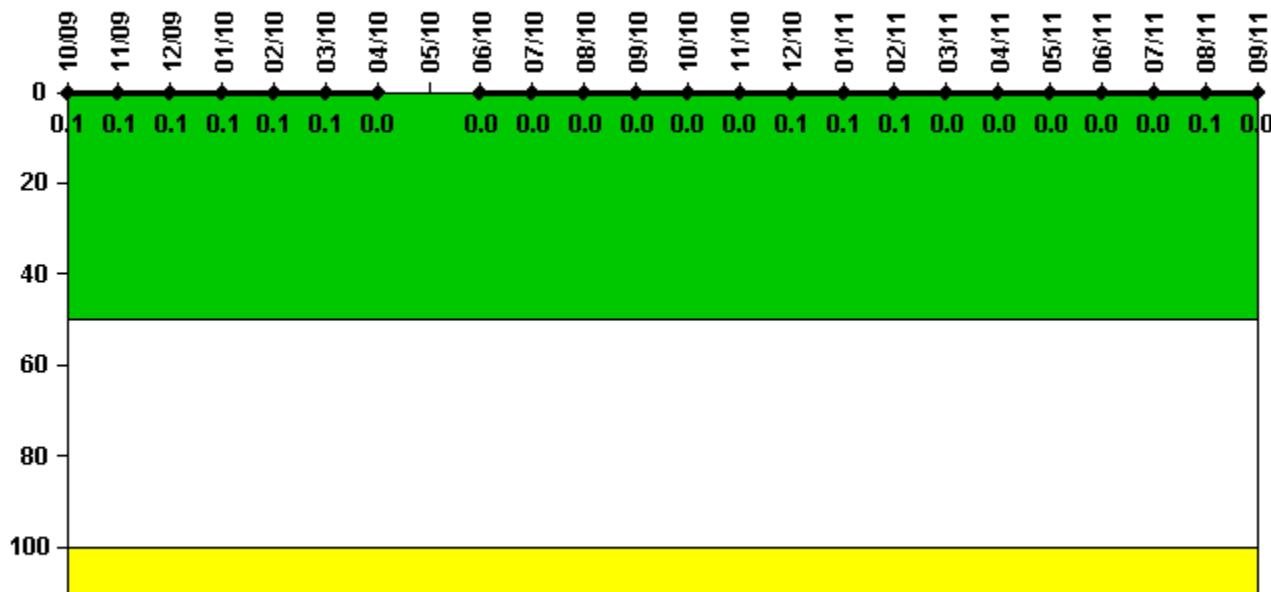
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (Δ CDF)	3.38E-07	3.48E-07	4.51E-07	5.42E-07	5.42E-07	3.41E-07	3.38E-07	1.16E-07
URI (Δ CDF)	-3.64E-08							
PLE	NO							
Indicator value	3.00E-07	3.10E-07	4.10E-07	5.10E-07	5.10E-07	3.00E-07	3.00E-07	8.00E-08

Licensee Comments: none

Reactor Coolant System Activity



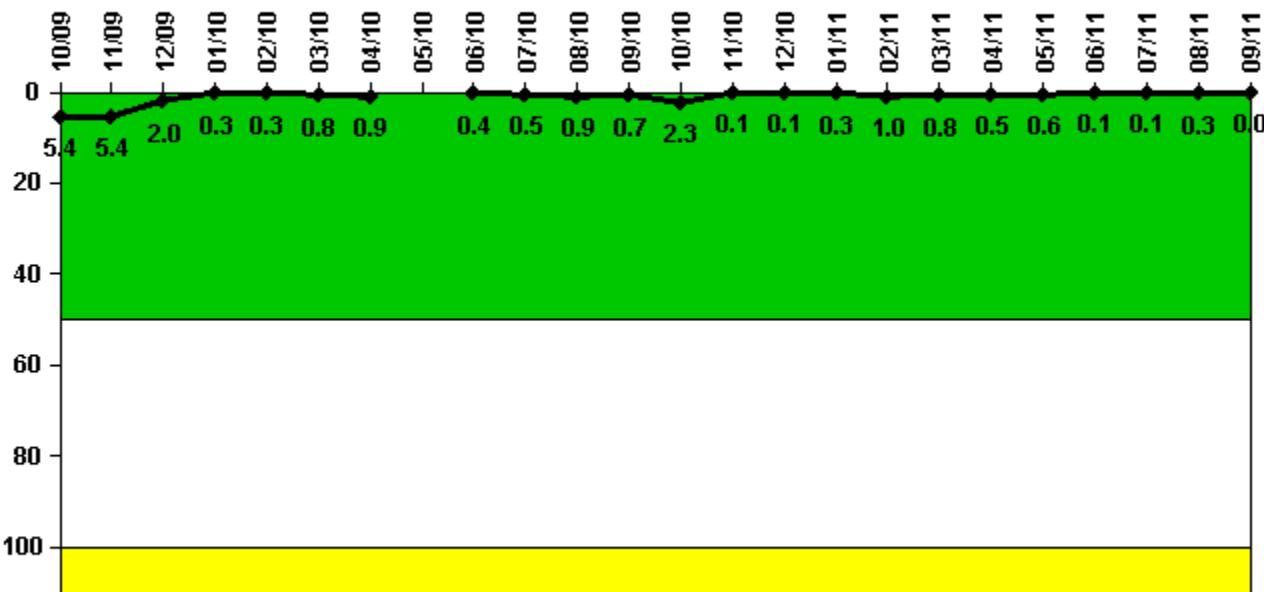
Thresholds: White > 50.0 Yellow > 100.0

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	0.000579	0.000577	0.000612	0.000695	0.000720	0.001000	0.000364	N/A	0.000130	0.000395	0.000352	0.000436
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0	N/A	0	0	0	0
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	0.000474	0.000476	0.000552	0.000590	0.000612	0.000355	0.000362	0.000395	0.000398	0.000351	0.000572	0.000376
Indicator value	0	0	0.1	0.1	0.1	0	0	0	0	0	0.1	0

Licensee Comments: none

Reactor Coolant System Leakage



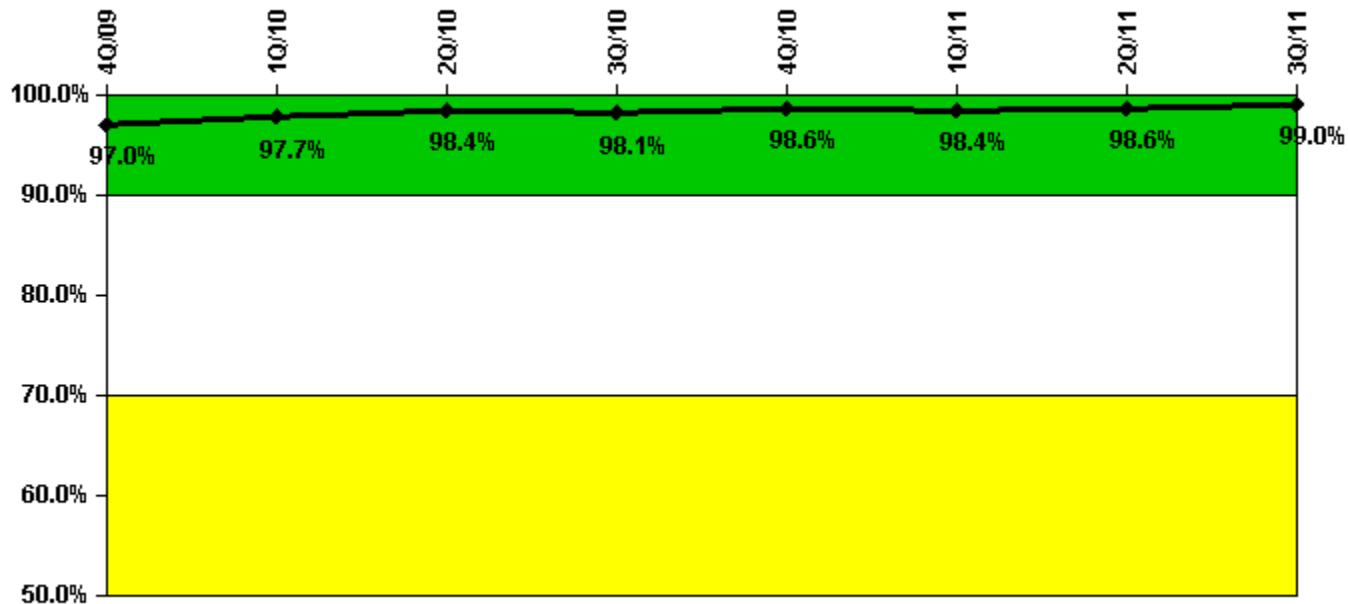
Thresholds: White > 50.0 Yellow > 100.0

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	0.540	0.540	0.200	0.030	0.030	0.080	0.090	N/A	0.035	0.045	0.094	0.070
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	5.4	5.4	2.0	0.3	0.3	0.8	0.9	N/A	0.4	0.5	0.9	0.7
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	0.230	0.010	0.010	0.030	0.100	0.080	0.050	0.060	0.010	0.009	0.025	0.004
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.3	0.1	0.1	0.3	1.0	0.8	0.5	0.6	0.1	0.1	0.3	0

Licensee Comments: none

Drill/Exercise Performance



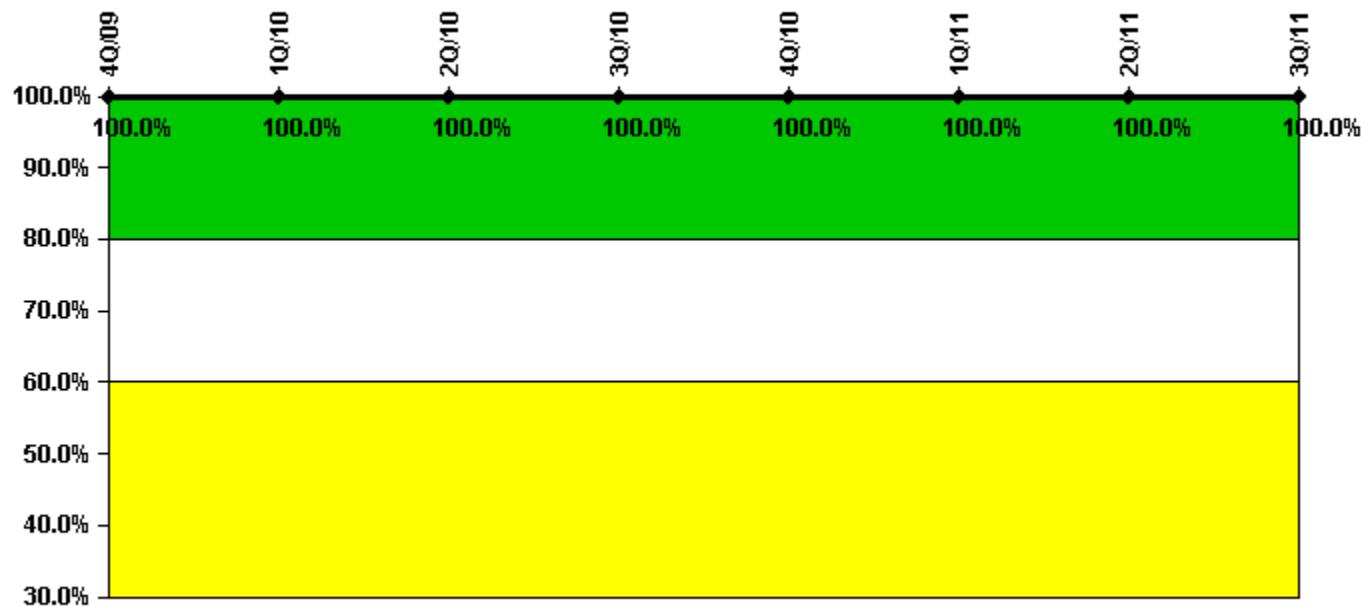
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Successful opportunities	74.0	21.0	9.0	76.0	52.0	0	69.0	85.0
Total opportunities	75.0	21.0	9.0	78.0	52.0	0	69.0	86.0
Indicator value	97.0%	97.7%	98.4%	98.1%	98.6%	98.4%	98.6%	99.0%

Licensee Comments: none

ERO Drill Participation



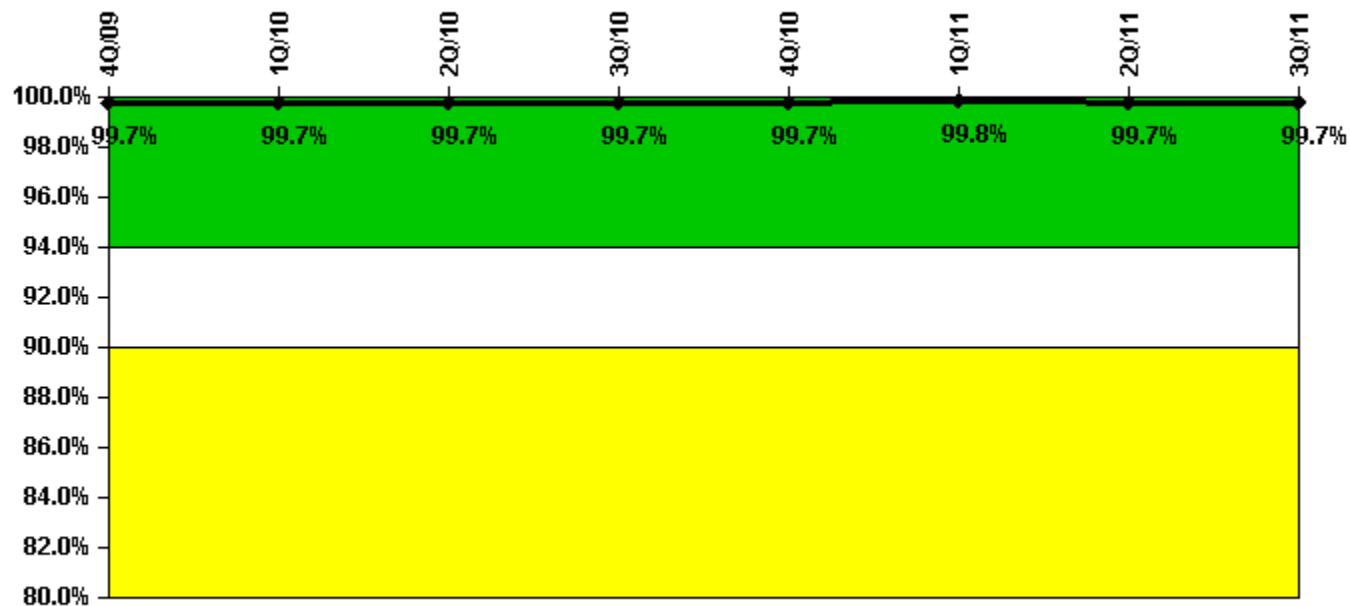
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Participating Key personnel	96.0	93.0	91.0	88.0	85.0	83.0	88.0	105.0
Total Key personnel	96.0	93.0	91.0	88.0	85.0	83.0	88.0	105.0
Indicator value	100.0%							

Licensee Comments: none

Alert & Notification System



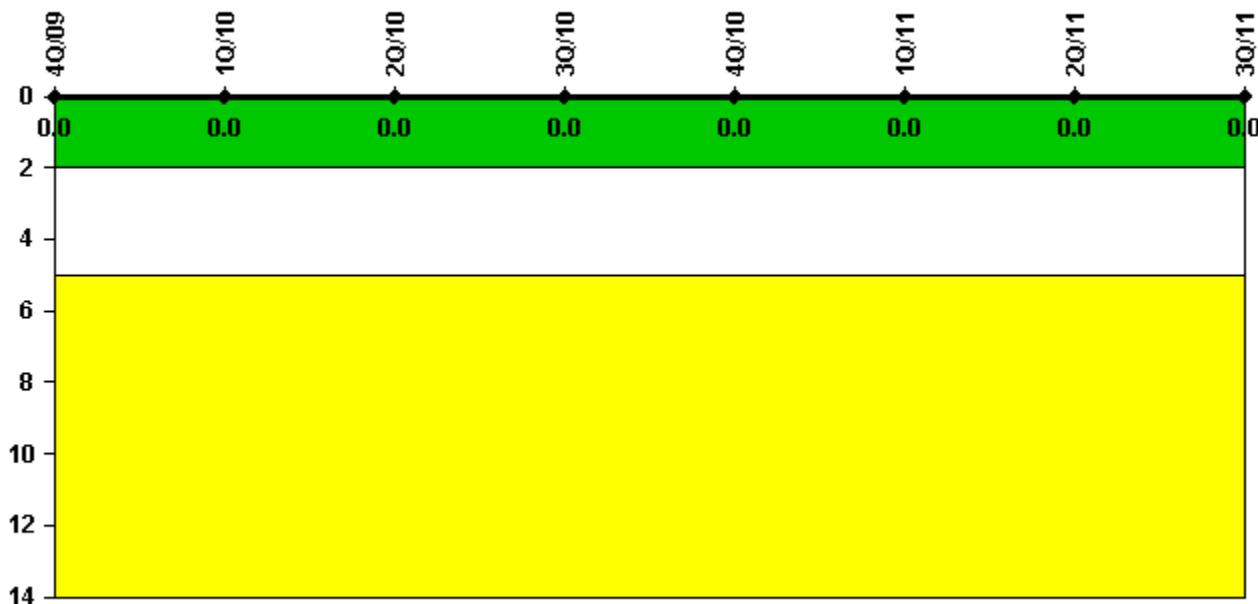
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Successful siren-tests	718	627	718	628	718	630	715	629
Total sirens-tests	720	630	720	630	720	630	720	630
Indicator value	99.7%	99.7%	99.7%	99.7%	99.7%	99.8%	99.7%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



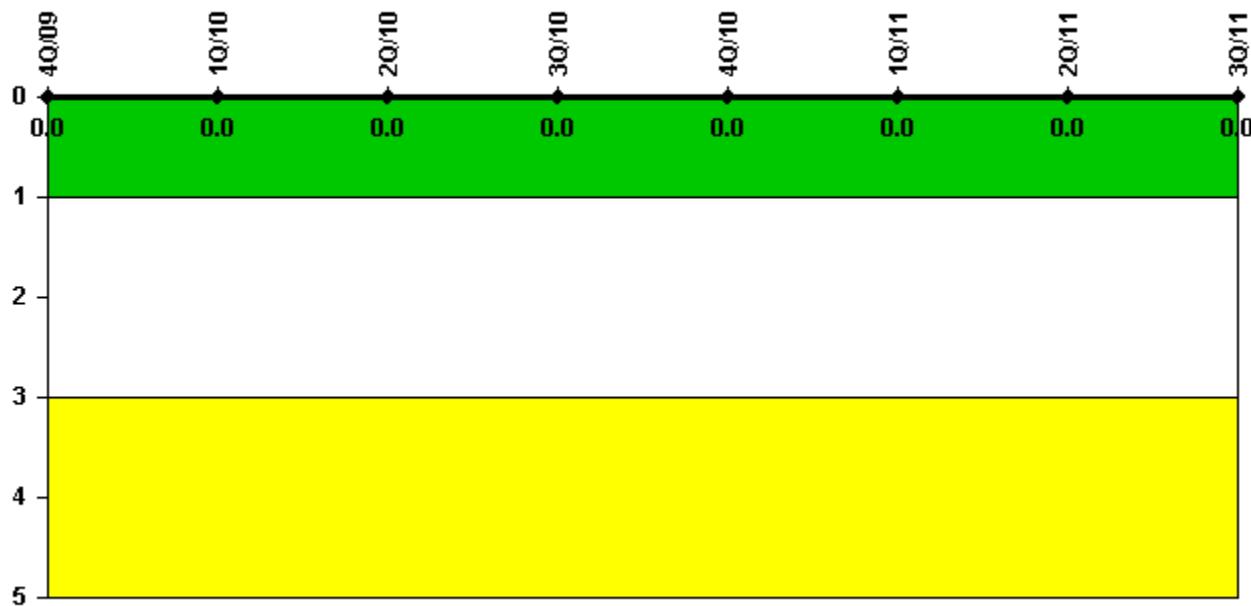
Thresholds: White > 2.0 Yellow > 5.0

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
Indicator value	0							

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

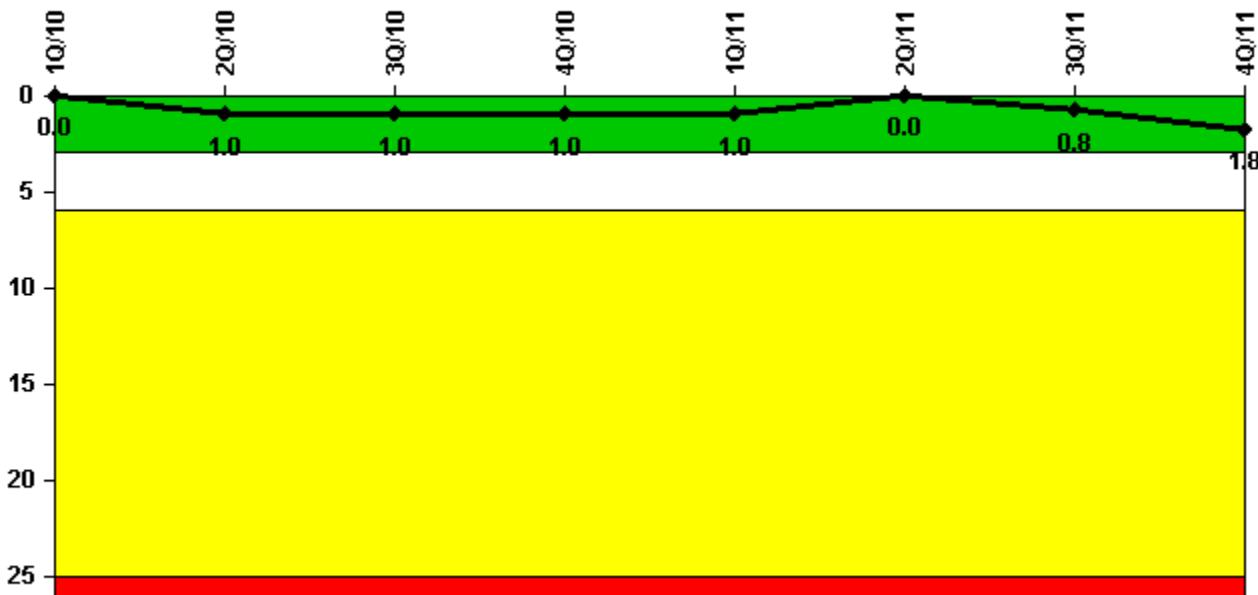
Security information not publicly available.

Saint Lucie 1

4Q/2011 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



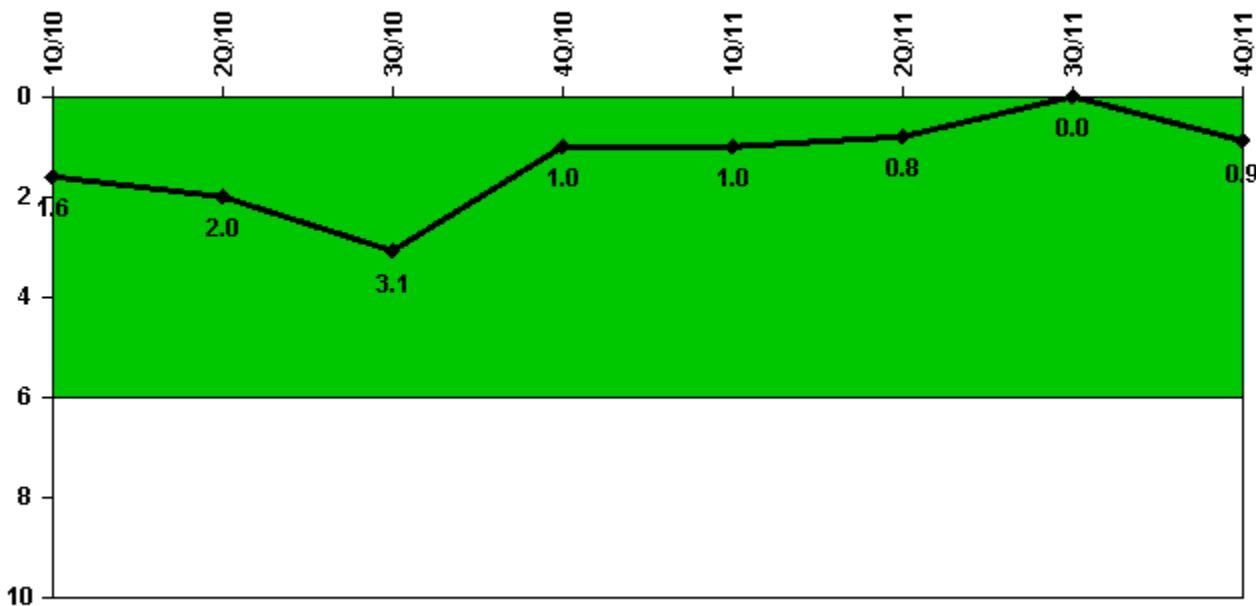
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0	0	1.0	1.0
Critical hours	2159.0	291.8	2208.0	2209.0	2159.0	2184.0	2123.2	1295.7
Indicator value	0	1.0	1.0	1.0	1.0	0	0.8	1.8

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



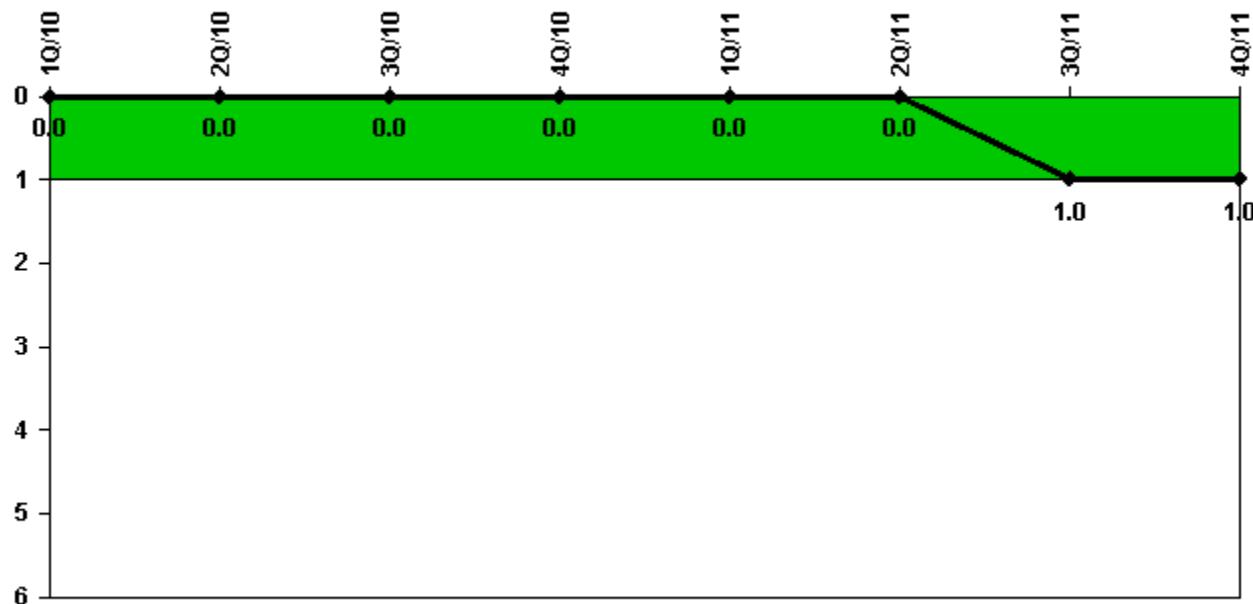
Thresholds: White > 6.0

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	1.0
Critical hours	2159.0	291.8	2208.0	2209.0	2159.0	2184.0	2123.2	1295.7
Indicator value	1.6	2.0	3.1	1.0	1.0	0.8	0	0.9

Licensee Comments: none

Unplanned Scrams with Complications



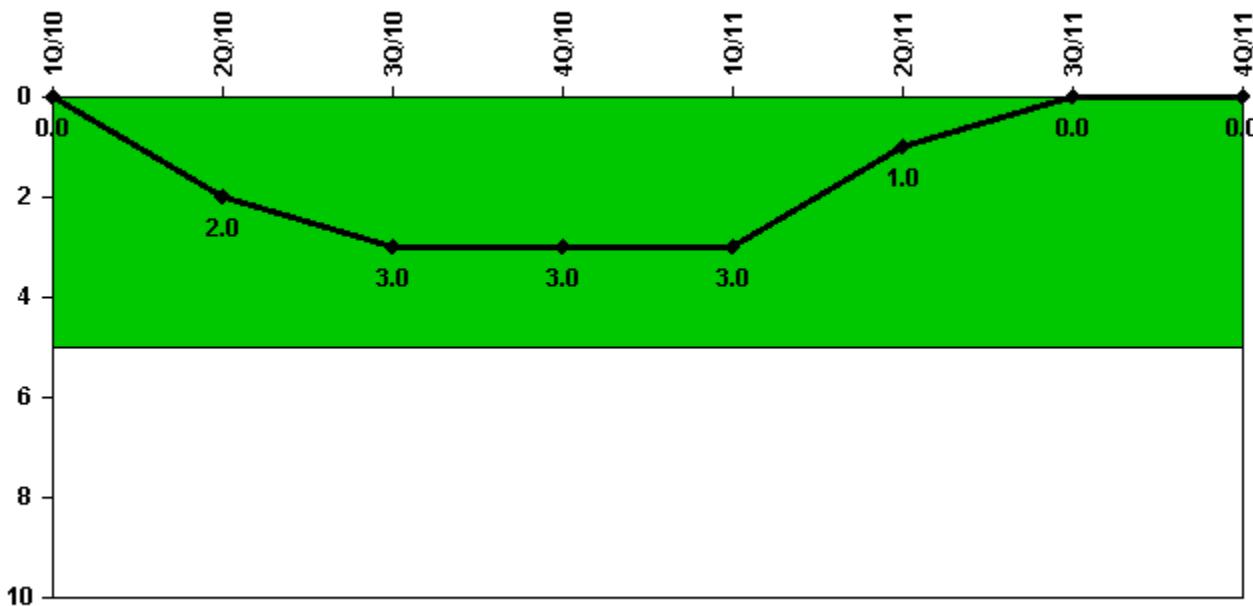
Thresholds: White > 1.0

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	1.0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0

Licensee Comments: none

Safety System Functional Failures (PWR)



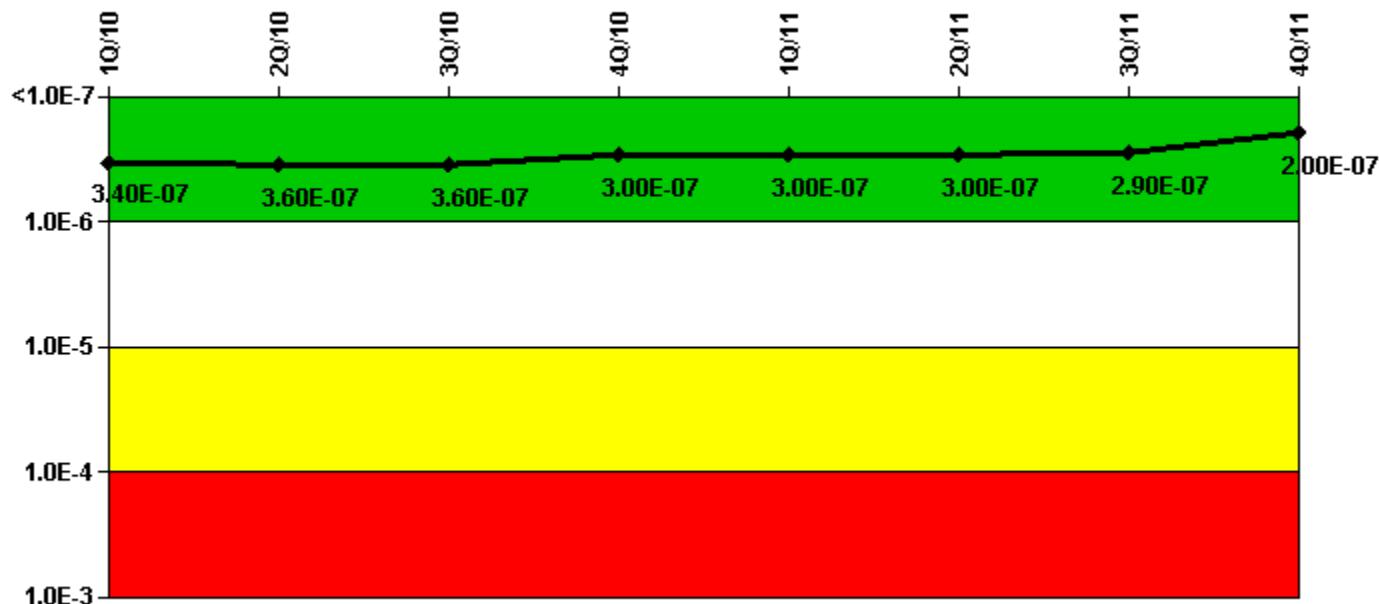
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Safety System Functional Failures	0	2	1	0	0	0	0	0
Indicator value	0	2	3	3	3	1	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



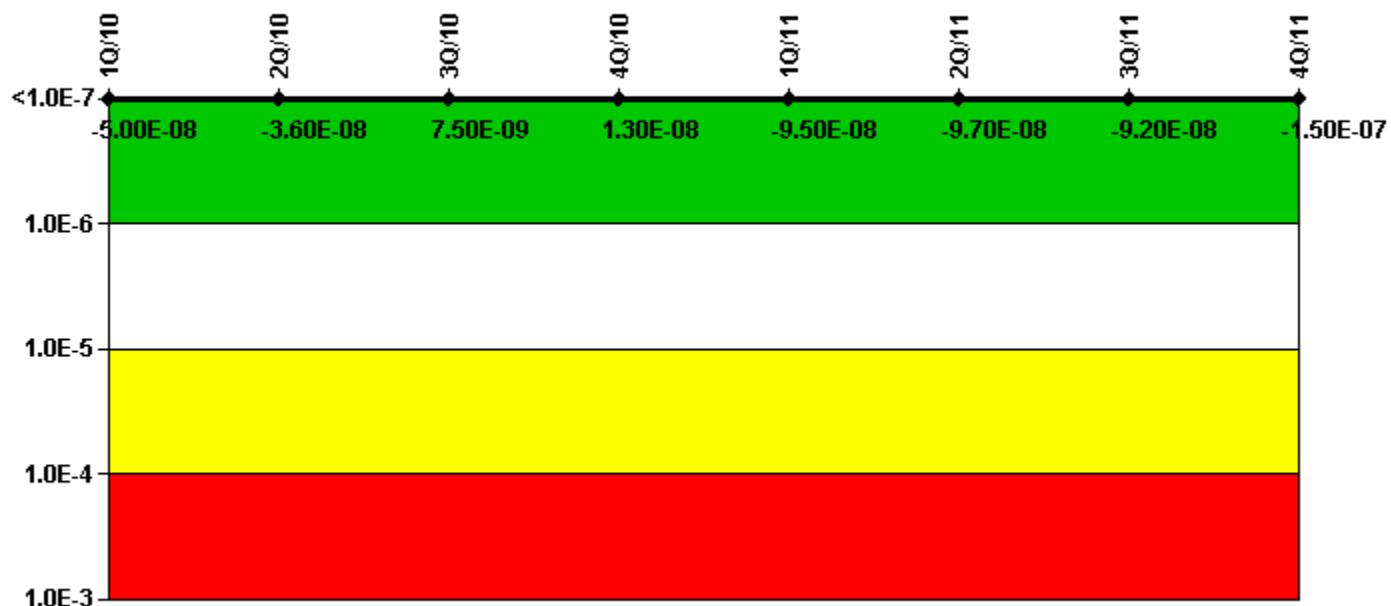
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (Δ CDF)	5.65E-08	5.06E-08	5.36E-08	6.15E-08	6.19E-08	6.25E-08	5.39E-08	5.40E-08
URI (Δ CDF)	2.87E-07	3.05E-07	3.05E-07	2.34E-07	2.34E-07	2.34E-07	2.34E-07	1.46E-07
PLE	NO							
Indicator value	3.40E-07	3.60E-07	3.60E-07	3.00E-07	3.00E-07	3.00E-07	2.90E-07	2.00E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



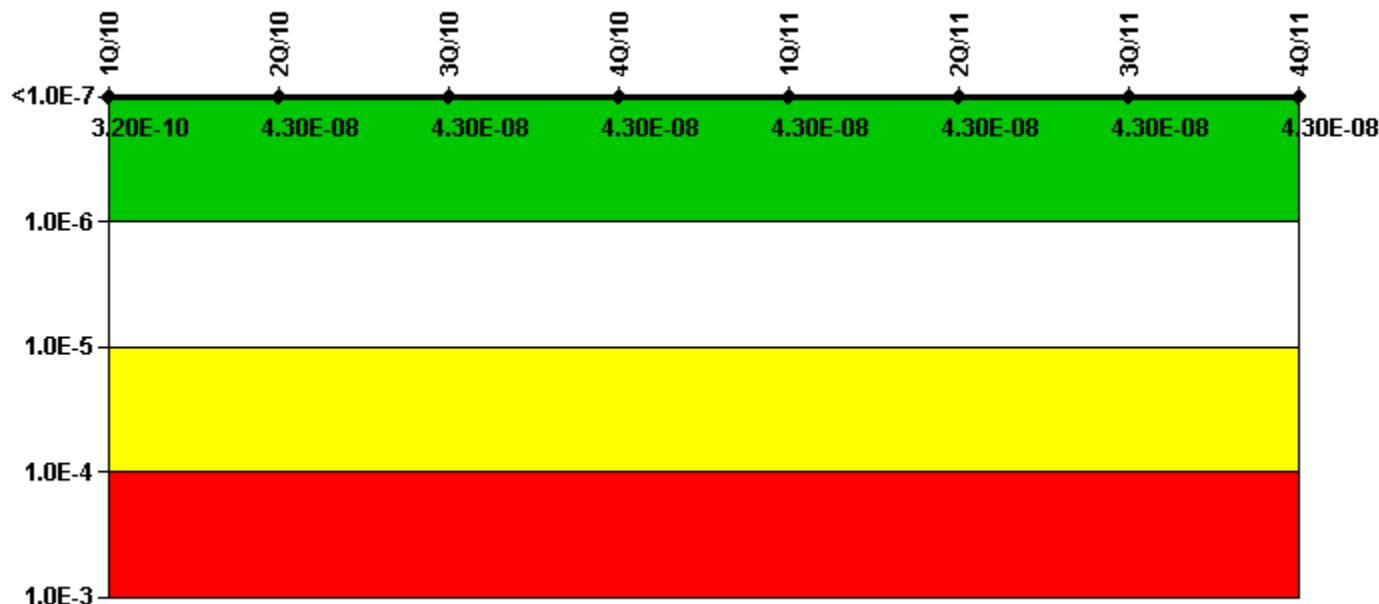
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (Δ CDF)	7.77E-08	9.18E-08	1.35E-07	1.40E-07	3.32E-08	3.09E-08	3.59E-08	-2.17E-08
URI (Δ CDF)	-1.28E-07	-1.28E-07	-1.28E-07	-1.28E-07	-1.28E-07	-1.28E-07	-1.28E-07	-1.28E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.00E-08	-3.60E-08	7.50E-09	1.30E-08	-9.50E-08	-9.70E-08	-9.20E-08	-1.50E-07

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



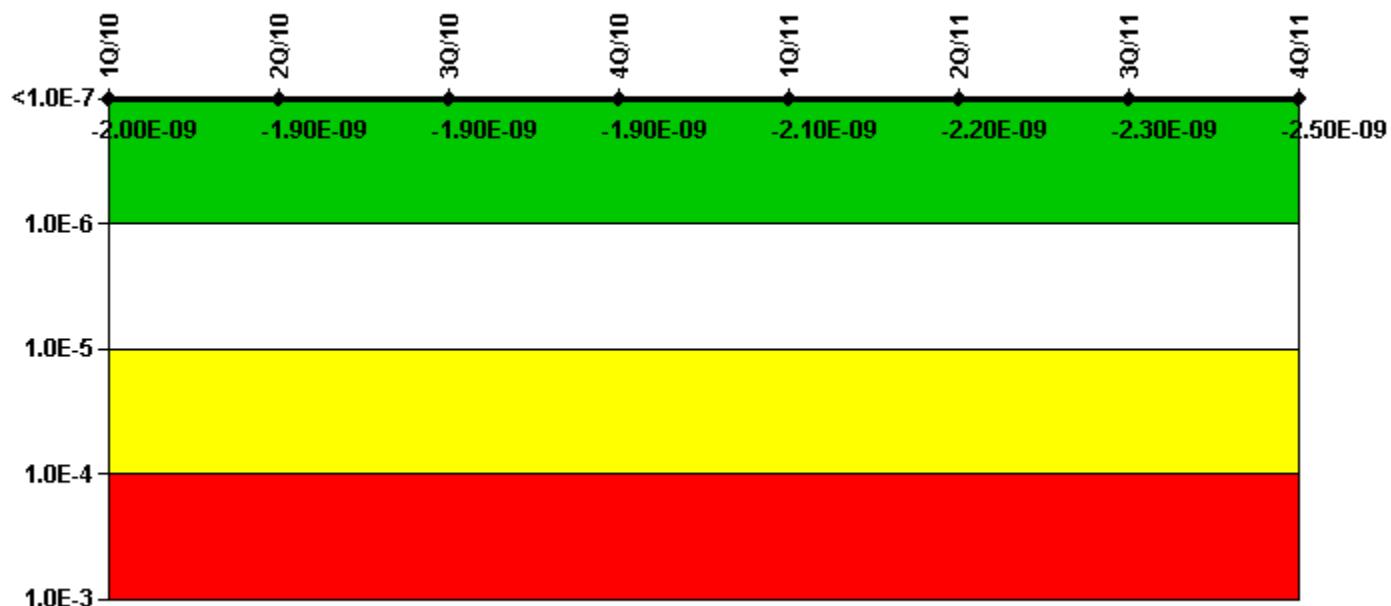
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (Δ CDF)	-3.03E-09	7.14E-09	7.14E-09	7.14E-09	7.16E-09	7.16E-09	7.14E-09	7.88E-09
URI (Δ CDF)	3.35E-09	3.56E-08						
PLE	NO							
Indicator value	3.20E-10	4.30E-08						

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



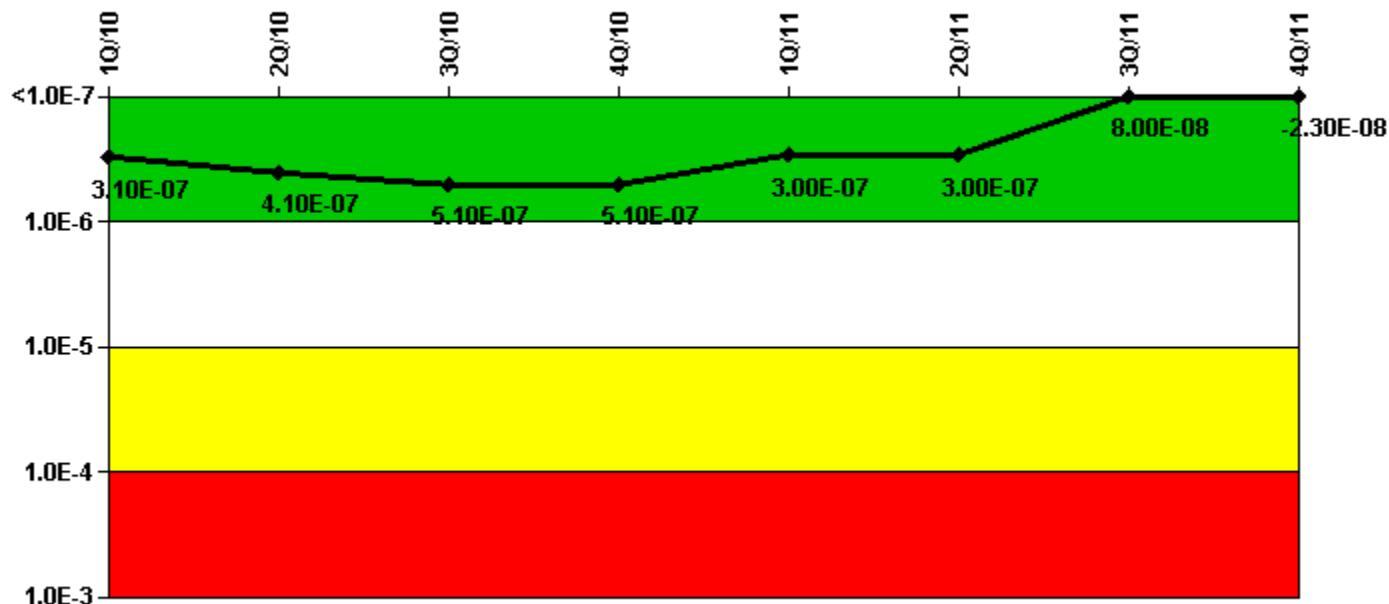
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (Δ CDF)	2.62E-10	3.09E-10	3.06E-10	3.08E-10	1.29E-10	7.27E-11	-3.77E-11	-2.10E-10
URI (Δ CDF)	-2.25E-09							
PLE	NO							
Indicator value	-2.00E-09	-1.90E-09	-1.90E-09	-1.90E-09	-2.10E-09	-2.20E-09	-2.30E-09	-2.50E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



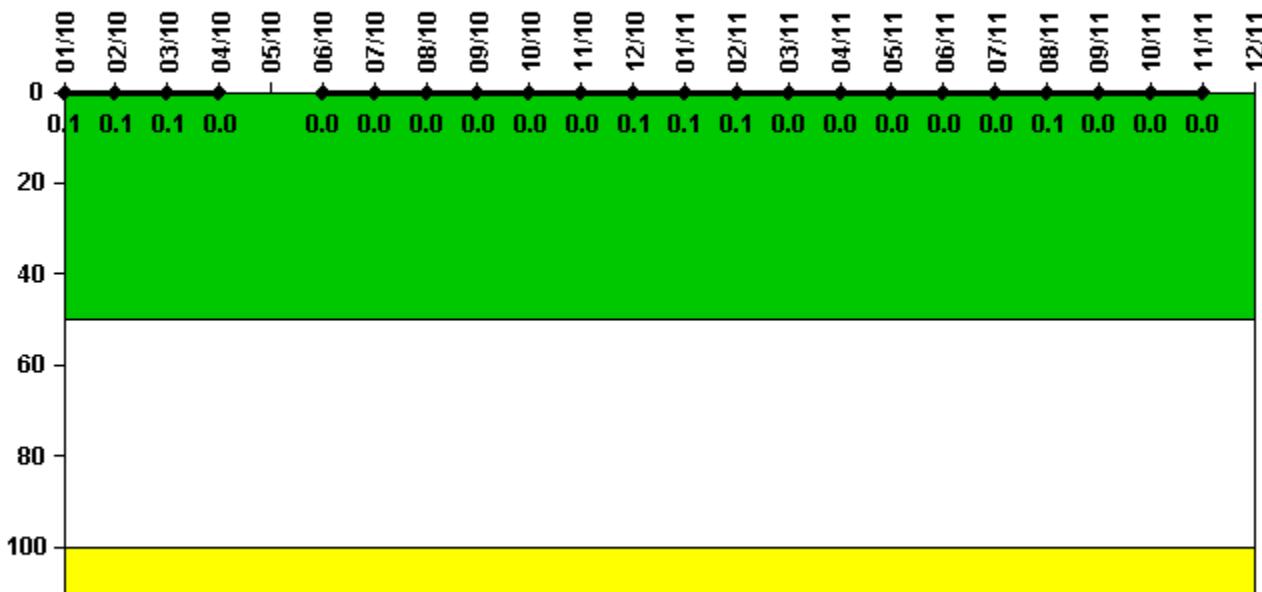
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (Δ CDF)	3.48E-07	4.51E-07	5.42E-07	5.42E-07	3.41E-07	3.38E-07	1.16E-07	1.32E-08
URI (Δ CDF)	-3.64E-08							
PLE	NO							
Indicator value	3.10E-07	4.10E-07	5.10E-07	5.10E-07	3.00E-07	3.00E-07	8.00E-08	-2.30E-08

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

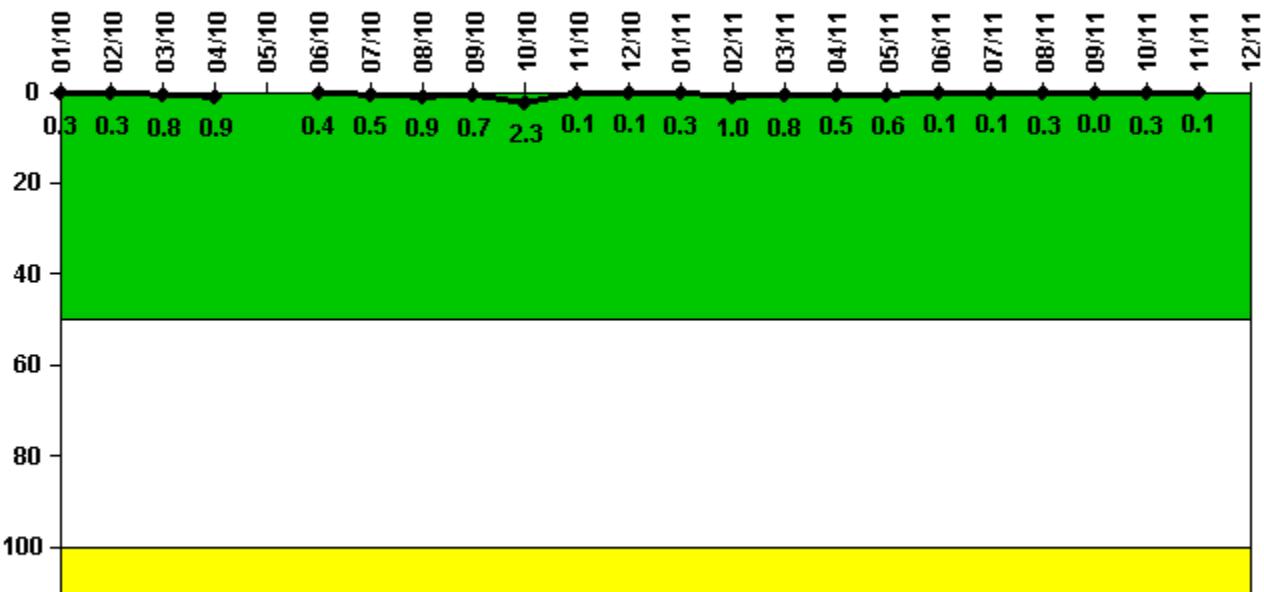
Notes

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	0.000695	0.000720	0.001000	0.000364	N/A	0.000130	0.000395	0.000352	0.000436	0.000474	0.000476	0.000552
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0	N/A	0	0	0	0	0	0	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	0.000590	0.000612	0.000355	0.000362	0.000395	0.000398	0.000351	0.000572	0.000376	0.000417	0.000379	N/A
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0	0	0	0	0	0.1	0	0	0	N/A

Licensee Comments: none

Reactor Coolant System Leakage



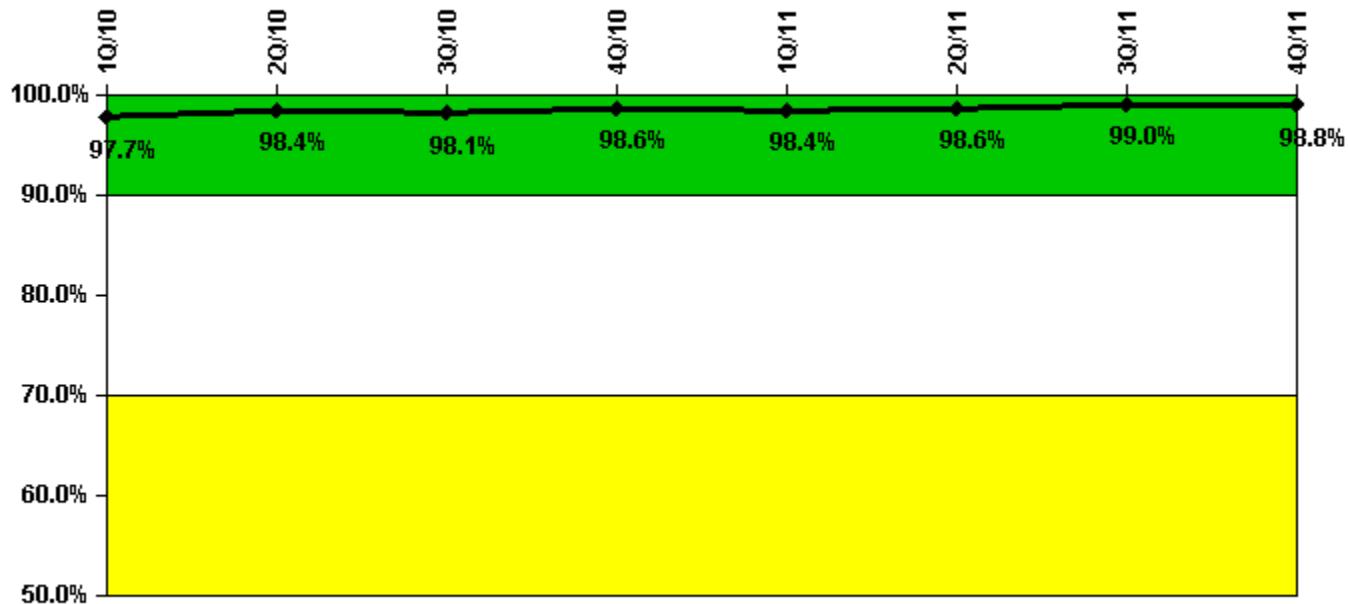
Thresholds: White > 50.0 Yellow > 100.0

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	0.030	0.030	0.080	0.090	N/A	0.035	0.045	0.094	0.070	0.230	0.010	0.010
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.3	0.8	0.9	N/A	0.4	0.5	0.9	0.7	2.3	0.1	0.1
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	0.030	0.100	0.080	0.050	0.060	0.010	0.009	0.025	0.004	0.030	0.005	N/A
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	1.0	0.8	0.5	0.6	0.1	0.1	0.3	0	0.3	0.1	N/A

Licensee Comments: none

Drill/Exercise Performance



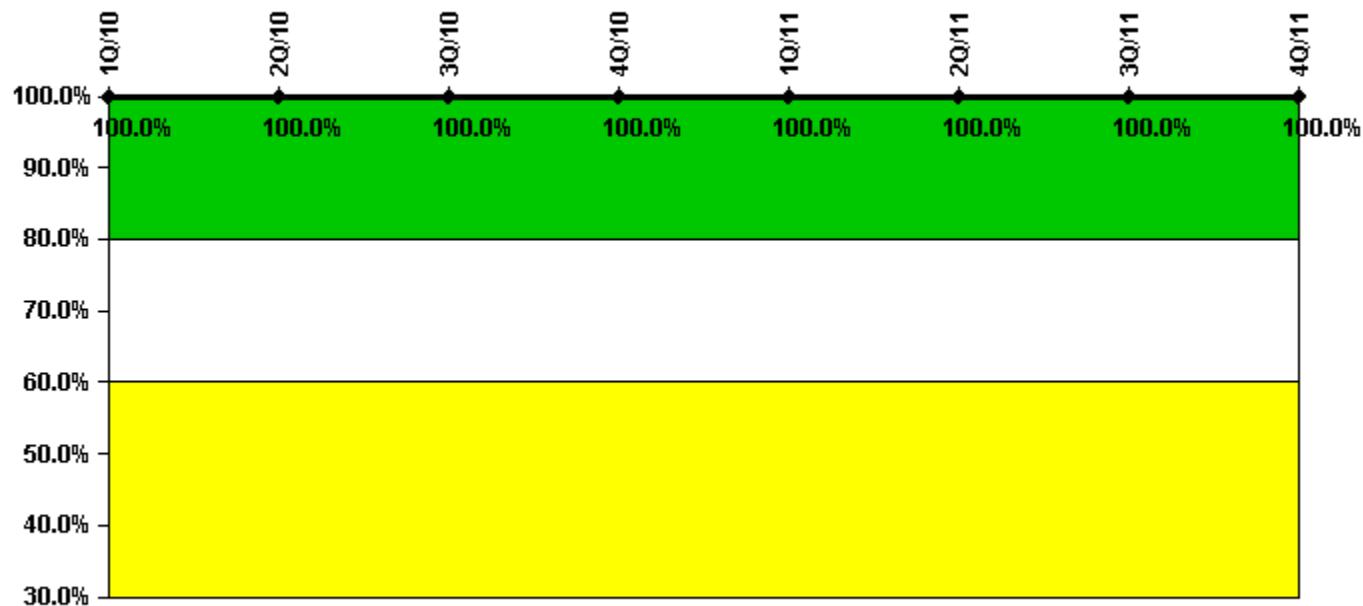
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Successful opportunities	21.0	9.0	76.0	52.0	0	69.0	85.0	9.0
Total opportunities	21.0	9.0	78.0	52.0	0	69.0	86.0	10.0
Indicator value	97.7%	98.4%	98.1%	98.6%	98.4%	98.6%	99.0%	98.8%

Licensee Comments: none

ERO Drill Participation



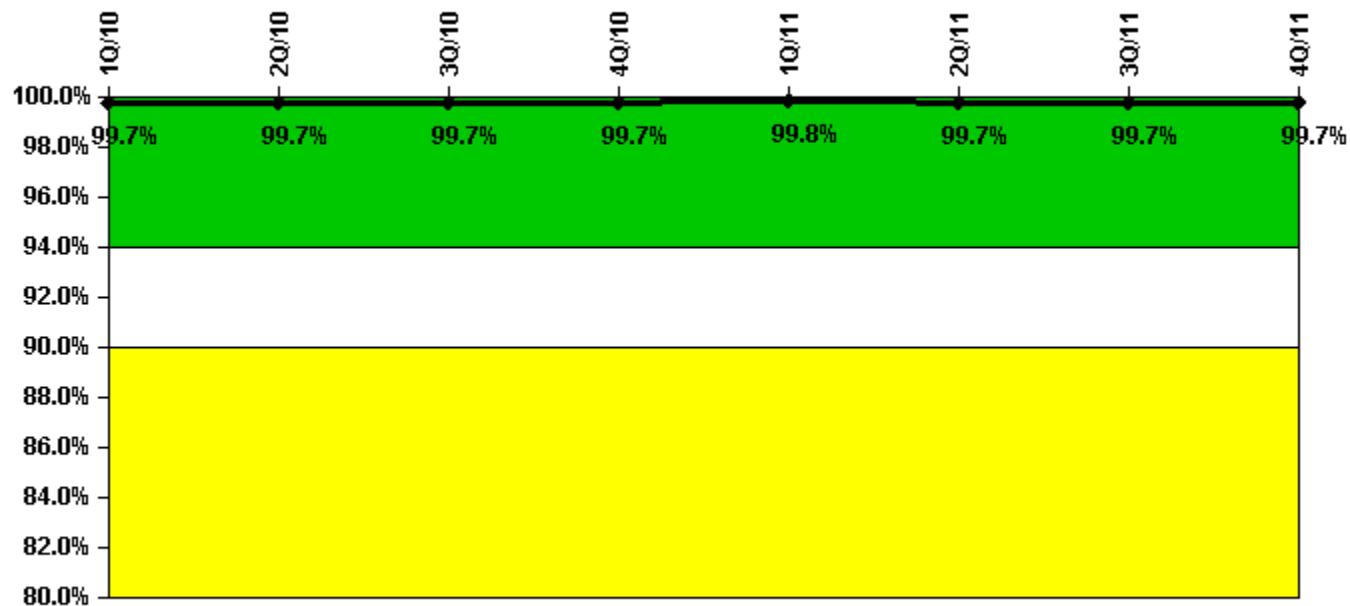
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Participating Key personnel	93.0	91.0	88.0	85.0	83.0	88.0	105.0	95.0
Total Key personnel	93.0	91.0	88.0	85.0	83.0	88.0	105.0	95.0
Indicator value	100.0%							

Licensee Comments: none

Alert & Notification System



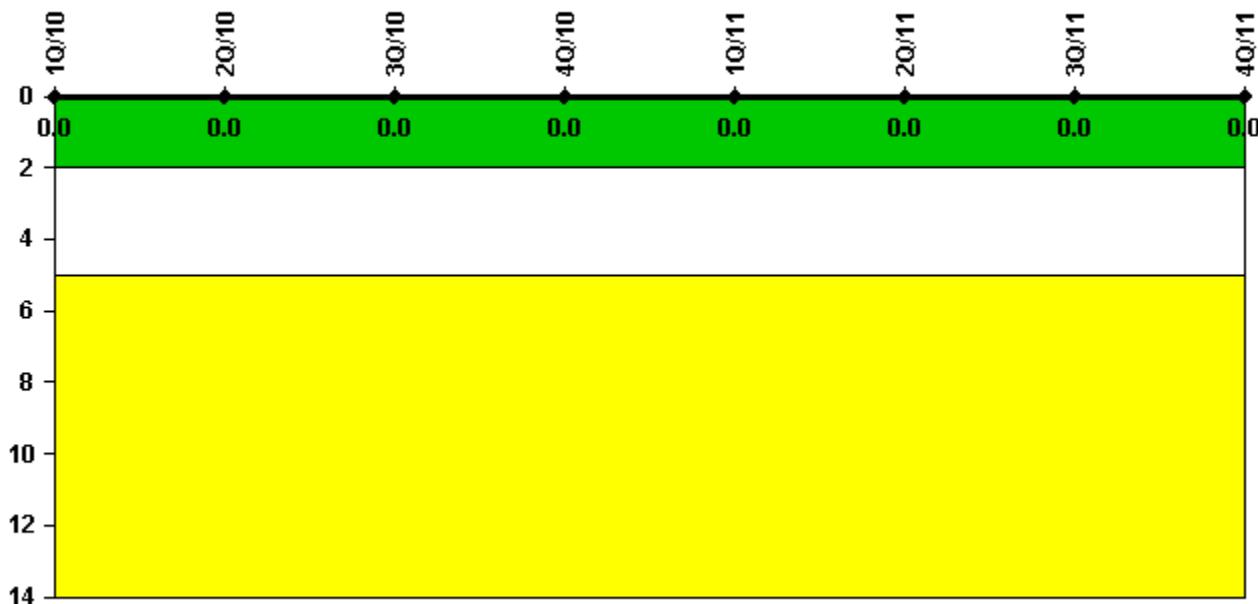
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Successful siren-tests	627	718	628	718	630	715	629	719
Total sirens-tests	630	720	630	720	630	720	630	720
Indicator value	99.7%	99.7%	99.7%	99.7%	99.8%	99.7%	99.7%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



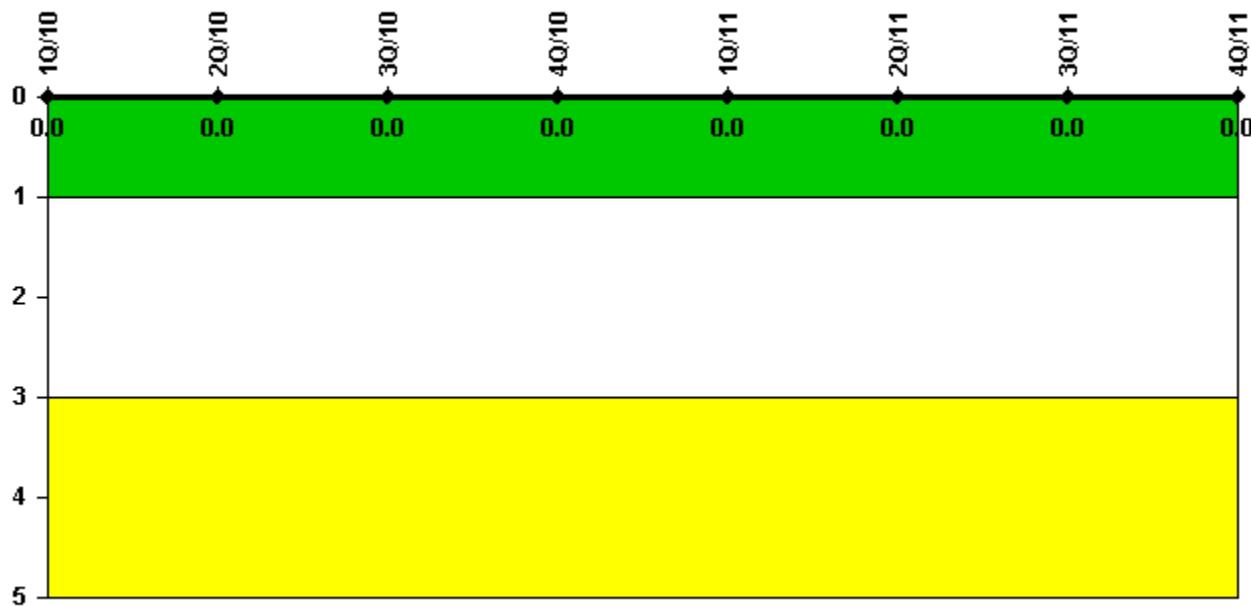
Thresholds: White > 2.0 Yellow > 5.0

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
Indicator value	0							

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

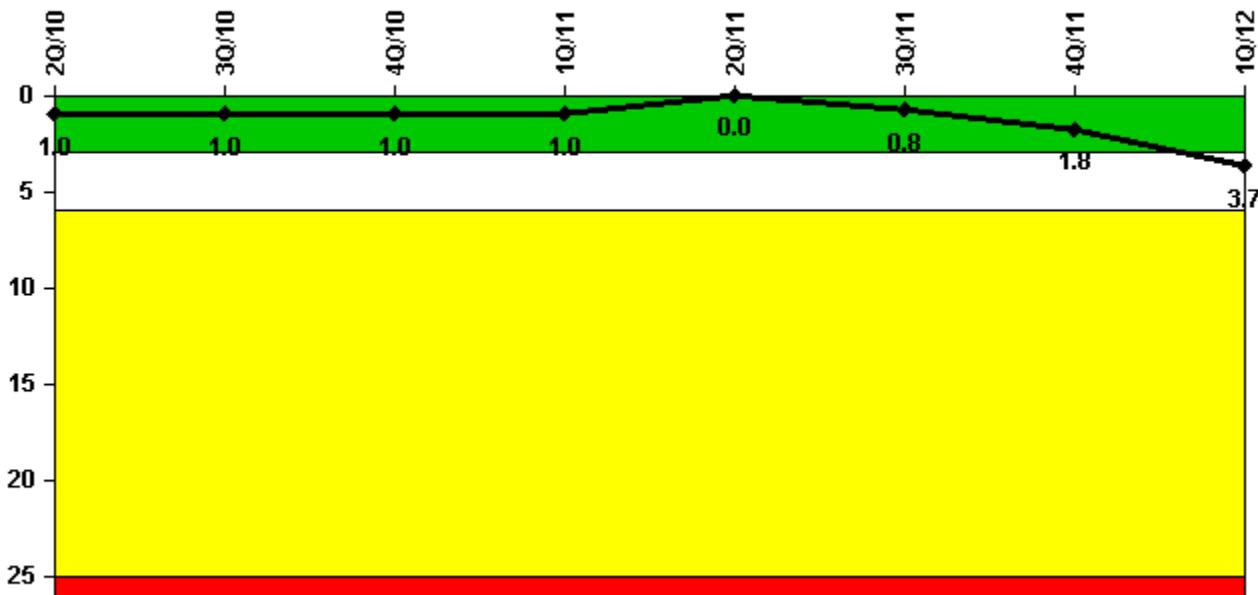
Security information not publicly available.

Saint Lucie 1

1Q/2012 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



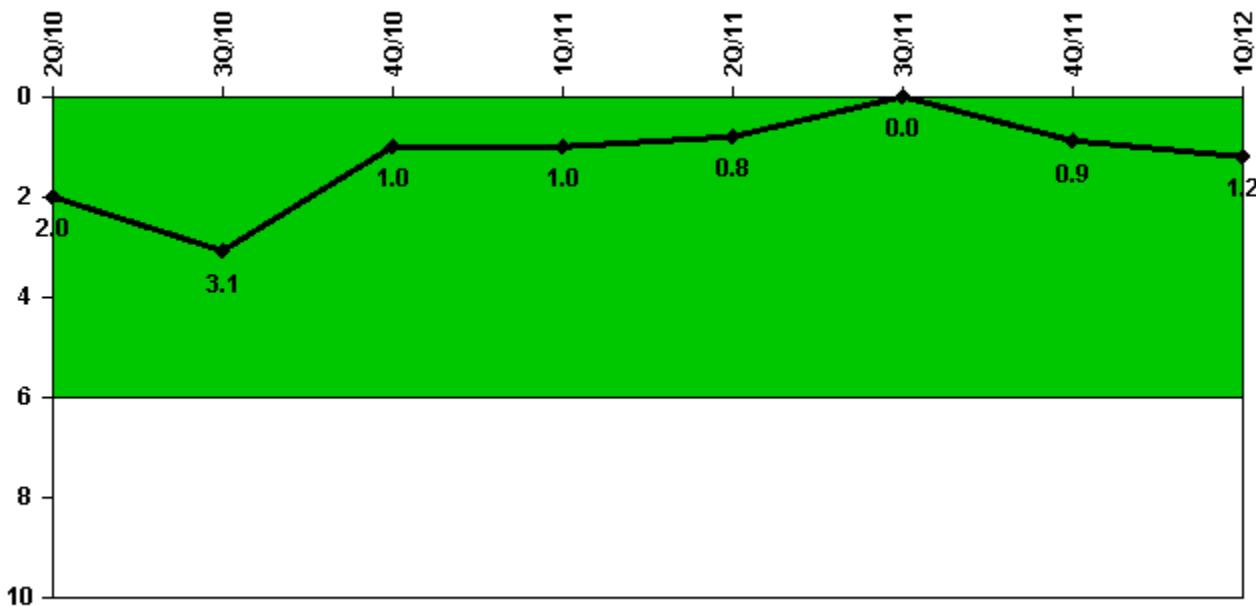
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0	0	1.0	1.0	1.0
Critical hours	291.8	2208.0	2209.0	2159.0	2184.0	2123.2	1295.7	70.9
Indicator value	1.0	1.0	1.0	1.0	0	0.8	1.8	3.7

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



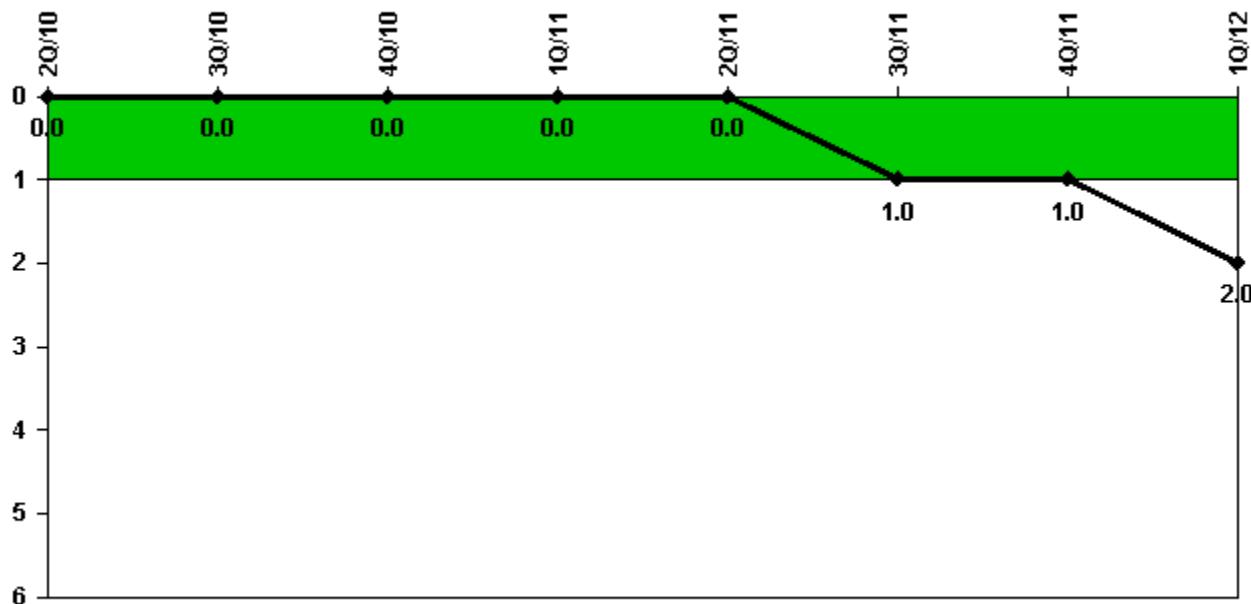
Thresholds: White > 6.0

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	1.0	0
Critical hours	291.8	2208.0	2209.0	2159.0	2184.0	2123.2	1295.7	70.9
Indicator value	2.0	3.1	1.0	1.0	0.8	0	0.9	1.2

Licensee Comments: none

Unplanned Scrams with Complications



Thresholds: White > 1.0

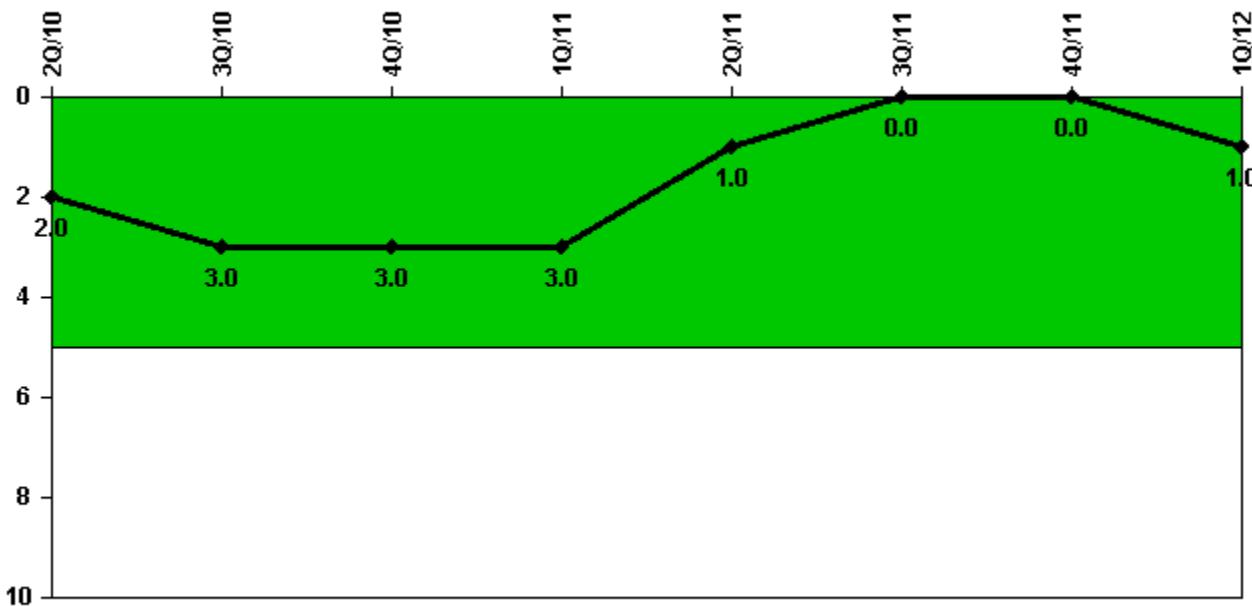
Notes

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	1.0	0	1.0
Indicator value	0.0	0.0	0.0	0.0	0.0	1.0	1.0	2.0

Licensee Comments:

1Q/12: FPL is submitting a FAQ concerning the March USwC. This data element may be changed based on the outcome of the FAQ.

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Safety System Functional Failures	2	1	0	0	0	0	0	1
Indicator value	2	3	3	3	1	0	0	1

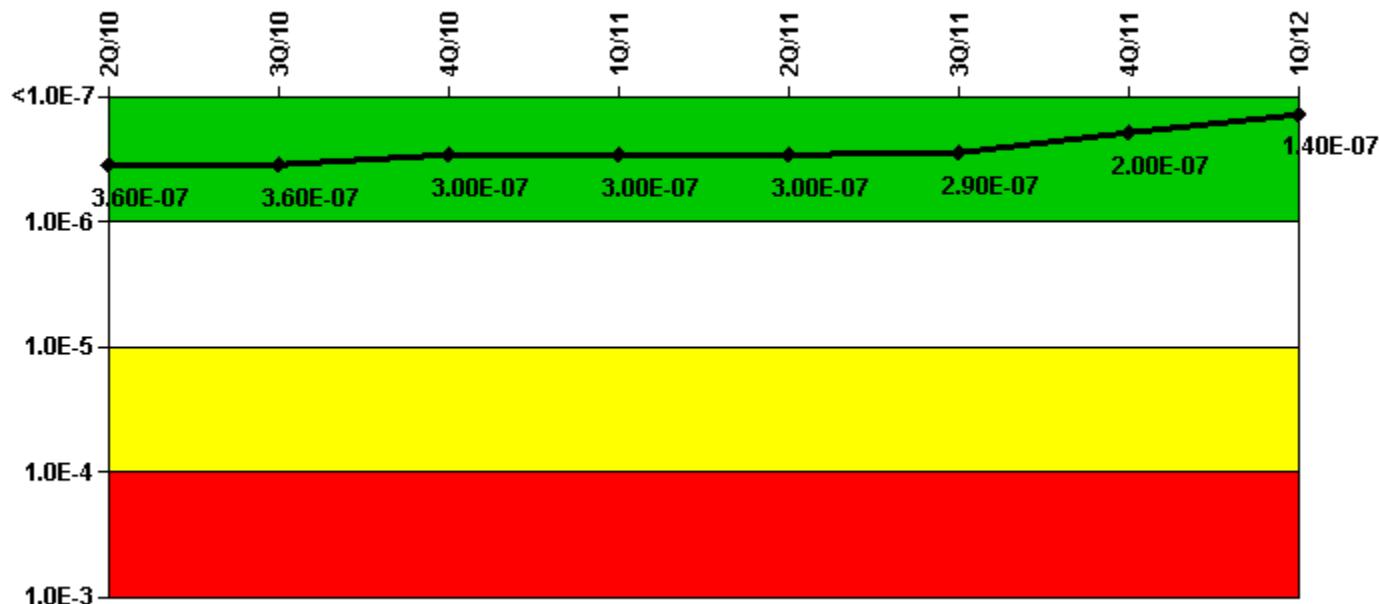
Licensee Comments:

1Q/12: Jan SSFF documented in LER 50-335/2011-003-00

3Q/10: Unit 1 LER 2010-004 dated 7/16/2010 - Operation in a Condition Prohibited by Technical Specifications for the Shield Building Ventilation System.

2Q/10: April SSFF documented in LER 50-335/2010-001-00, June SSFF documented in LER 50-335/2010-002-00

Mitigating Systems Performance Index, Emergency AC Power System



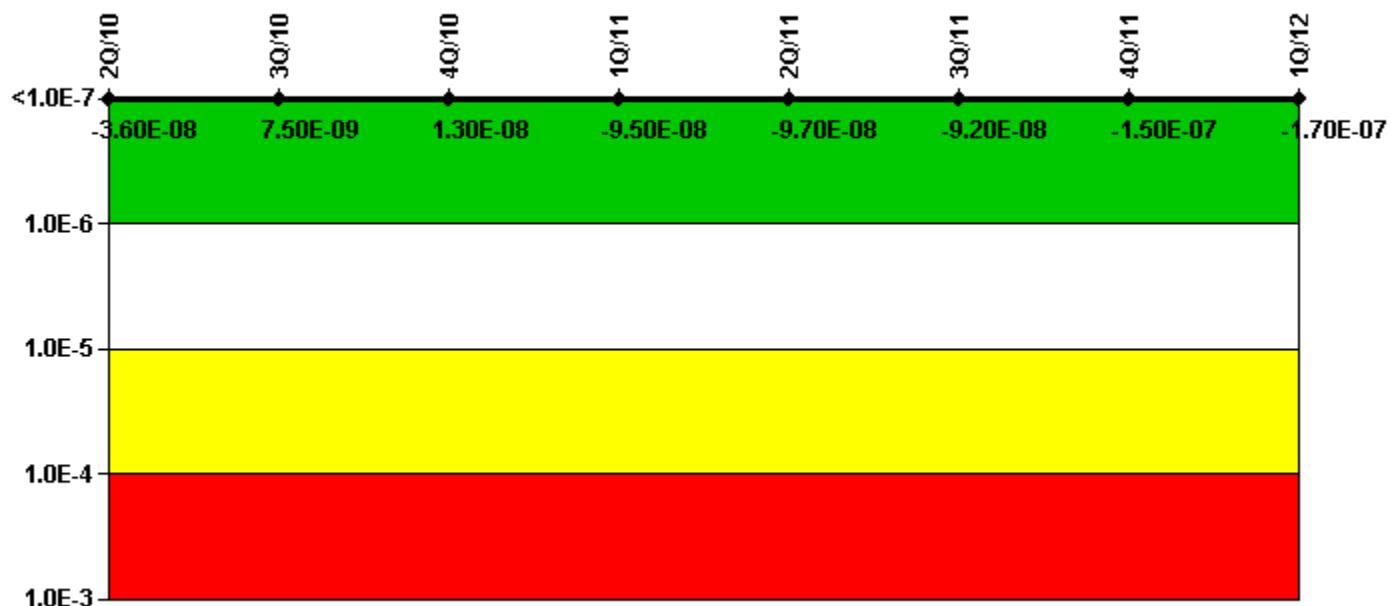
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (Δ CDF)	5.06E-08	5.36E-08	6.15E-08	6.19E-08	6.25E-08	5.39E-08	5.40E-08	4.63E-08
URI (Δ CDF)	3.05E-07	3.05E-07	2.34E-07	2.34E-07	2.34E-07	2.34E-07	1.46E-07	9.44E-08
PLE	NO							
Indicator value	3.60E-07	3.60E-07	3.00E-07	3.00E-07	3.00E-07	2.90E-07	2.00E-07	1.40E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



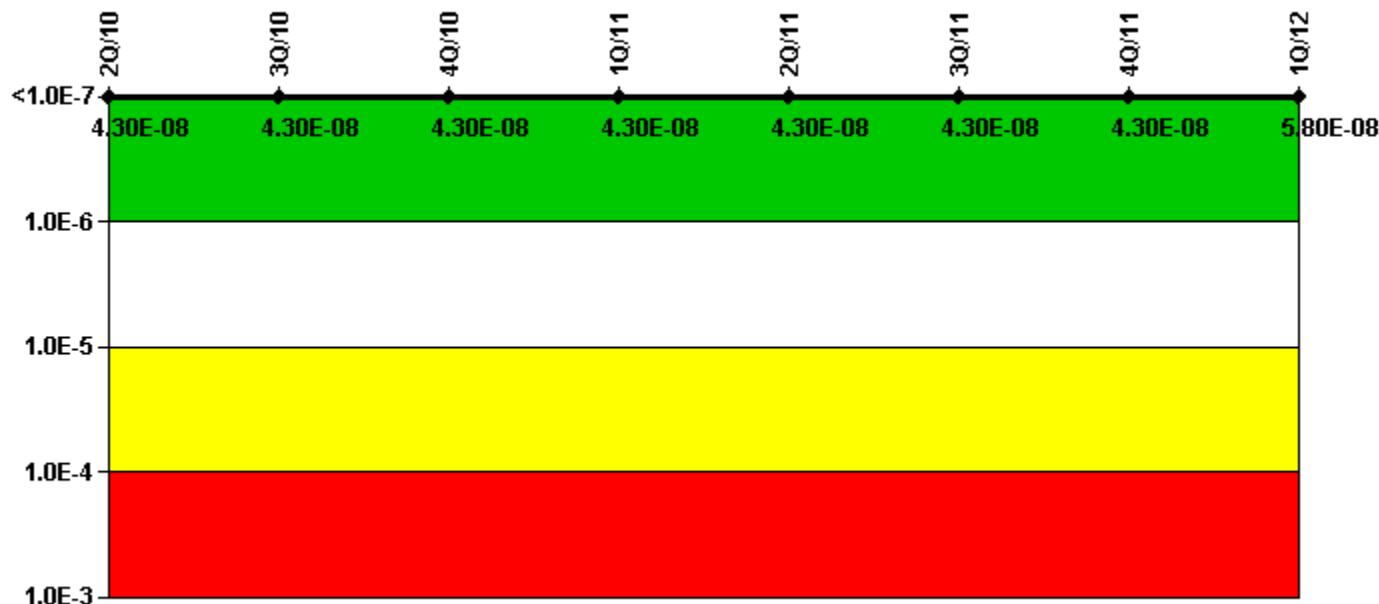
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (Δ CDF)	9.18E-08	1.35E-07	1.40E-07	3.32E-08	3.09E-08	3.59E-08	-2.17E-08	-4.62E-08
URI (Δ CDF)	-1.28E-07	-1.28E-07	-1.28E-07	-1.28E-07	-1.28E-07	-1.28E-07	-1.28E-07	-1.28E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.60E-08	7.50E-09	1.30E-08	-9.50E-08	-9.70E-08	-9.20E-08	-1.50E-07	-1.70E-07

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



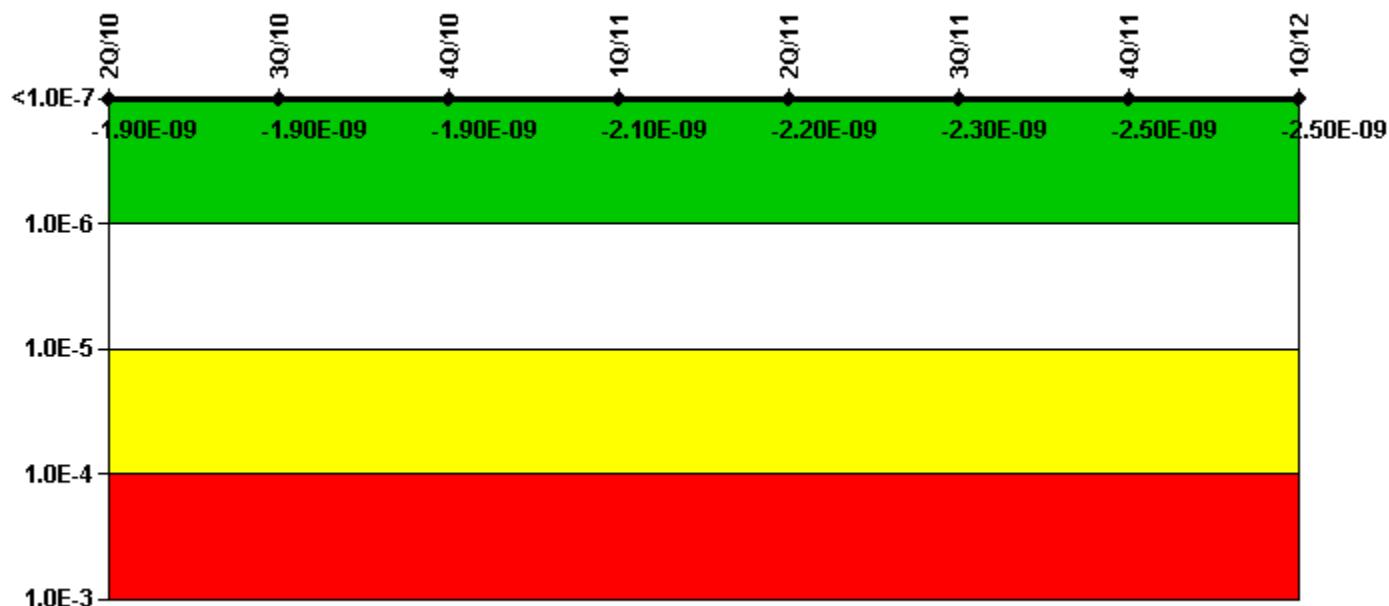
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (Δ CDF)	7.14E-09	7.14E-09	7.14E-09	7.16E-09	7.16E-09	7.14E-09	7.88E-09	9.09E-09
URI (Δ CDF)	3.56E-08	4.86E-08						
PLE	NO							
Indicator value	4.30E-08	5.80E-08						

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



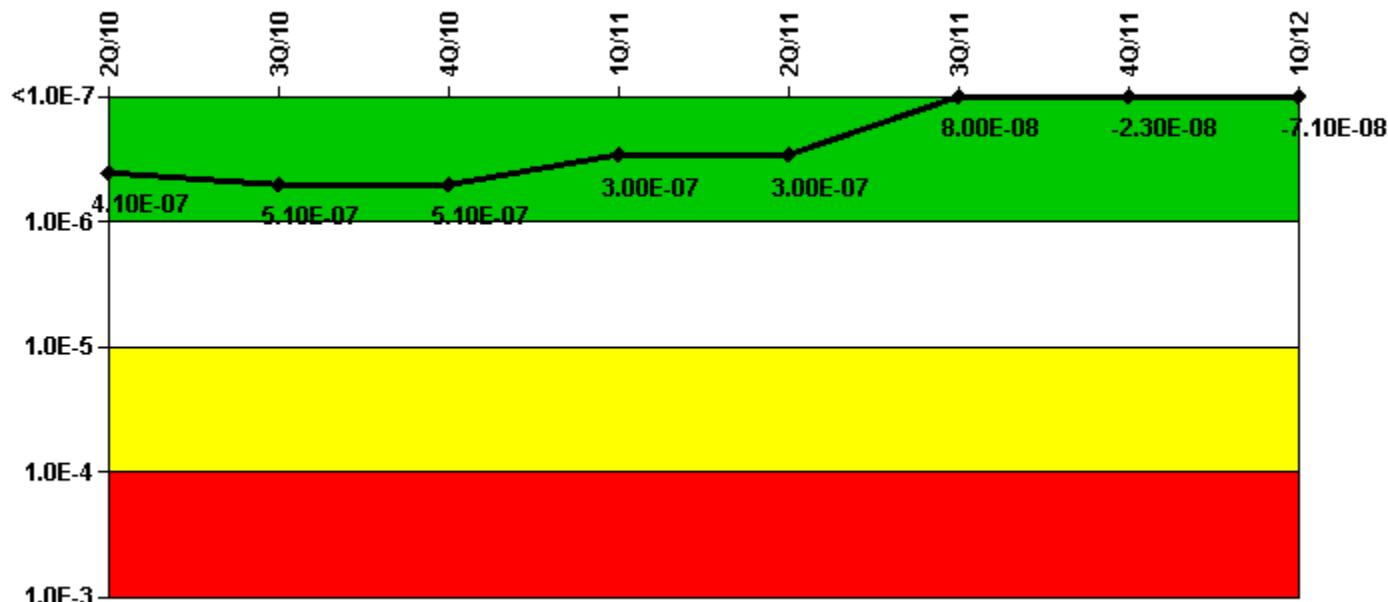
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (Δ CDF)	3.09E-10	3.06E-10	3.08E-10	1.29E-10	7.27E-11	-3.77E-11	-2.10E-10	-2.81E-10
URI (Δ CDF)	-2.25E-09							
PLE	NO							
Indicator value	-1.90E-09	-1.90E-09	-1.90E-09	-2.10E-09	-2.20E-09	-2.30E-09	-2.50E-09	-2.50E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



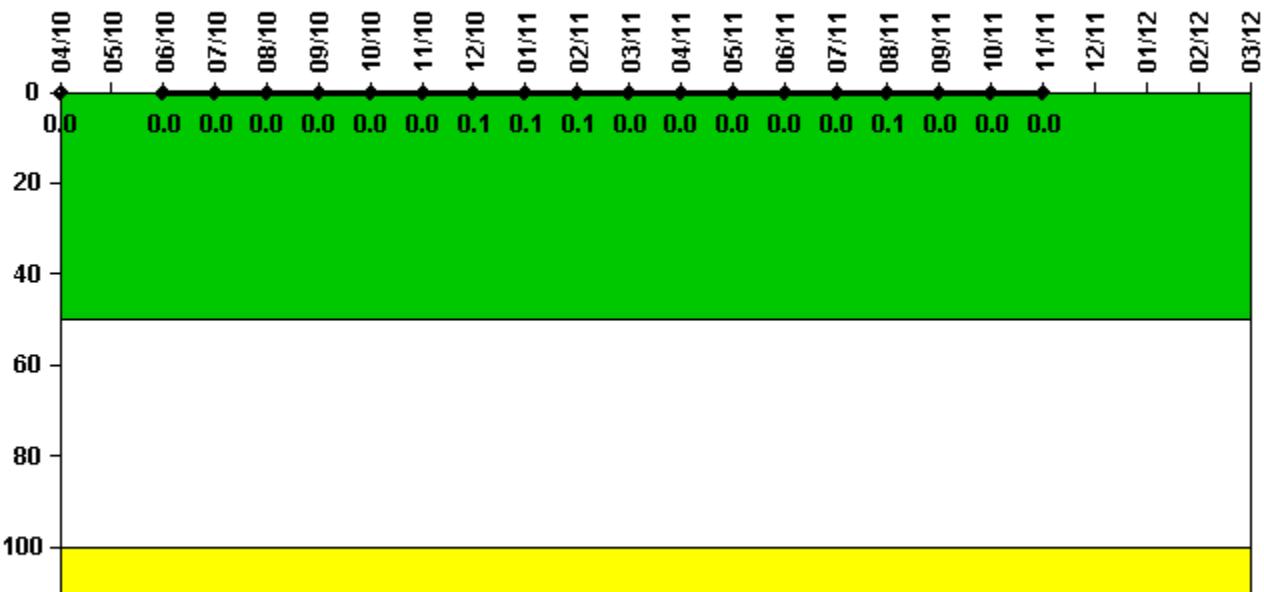
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (Δ CDF)	4.51E-07	5.42E-07	5.42E-07	3.41E-07	3.38E-07	1.16E-07	1.32E-08	-3.42E-08
URI (Δ CDF)	-3.64E-08	-3.64E-08						
PLE	NO	NO						
Indicator value	4.10E-07	5.10E-07	5.10E-07	3.00E-07	3.00E-07	8.00E-08	-2.30E-08	-7.10E-08

Licensee Comments: none

Reactor Coolant System Activity



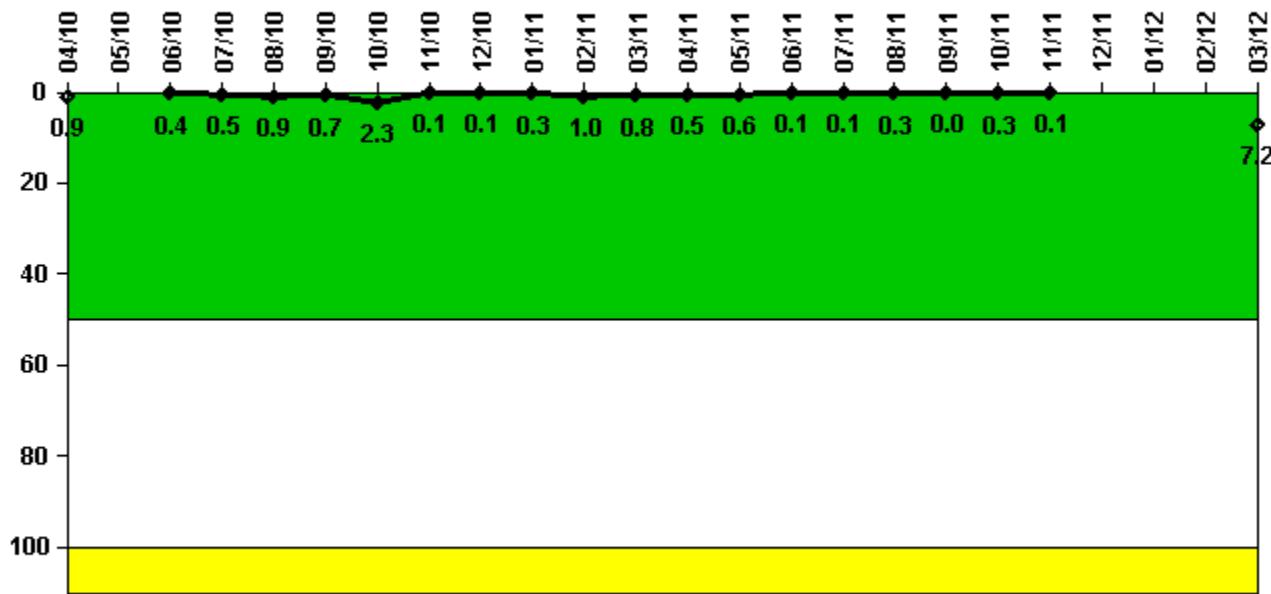
Thresholds: White > 50.0 Yellow > 100.0

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	0.000364	N/A	0.000130	0.000395	0.000352	0.000436	0.000474	0.000476	0.000552	0.000590	0.000612	0.000355
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	N/A	0	0	0	0	0	0	0.1	0.1	0.1	0
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	0.000362	0.000395	0.000398	0.000351	0.000572	0.000376	0.000417	0.000379	N/A	N/A	N/A	N/A
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0.1	0	0	0	N/A	N/A	N/A	N/A

Licensee Comments: none

Reactor Coolant System Leakage



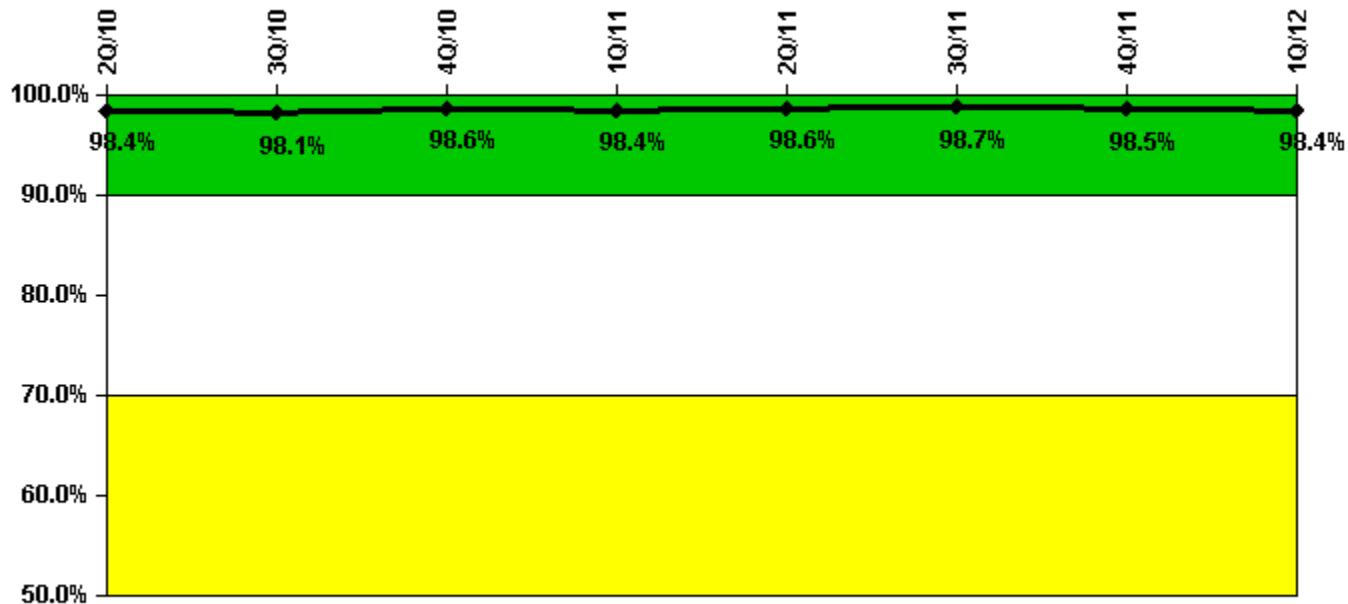
Thresholds: White > 50.0 Yellow > 100.0

Notes

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	0.090	N/A	0.035	0.045	0.094	0.070	0.230	0.010	0.010	0.030	0.100	0.080
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.9	N/A	0.4	0.5	0.9	0.7	2.3	0.1	0.1	0.3	1.0	0.8
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	0.050	0.060	0.010	0.009	0.025	0.004	0.030	0.005	N/A	N/A	N/A	0.720
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	0.6	0.1	0.1	0.3	0	0.3	0.1	N/A	N/A	N/A	7.2

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

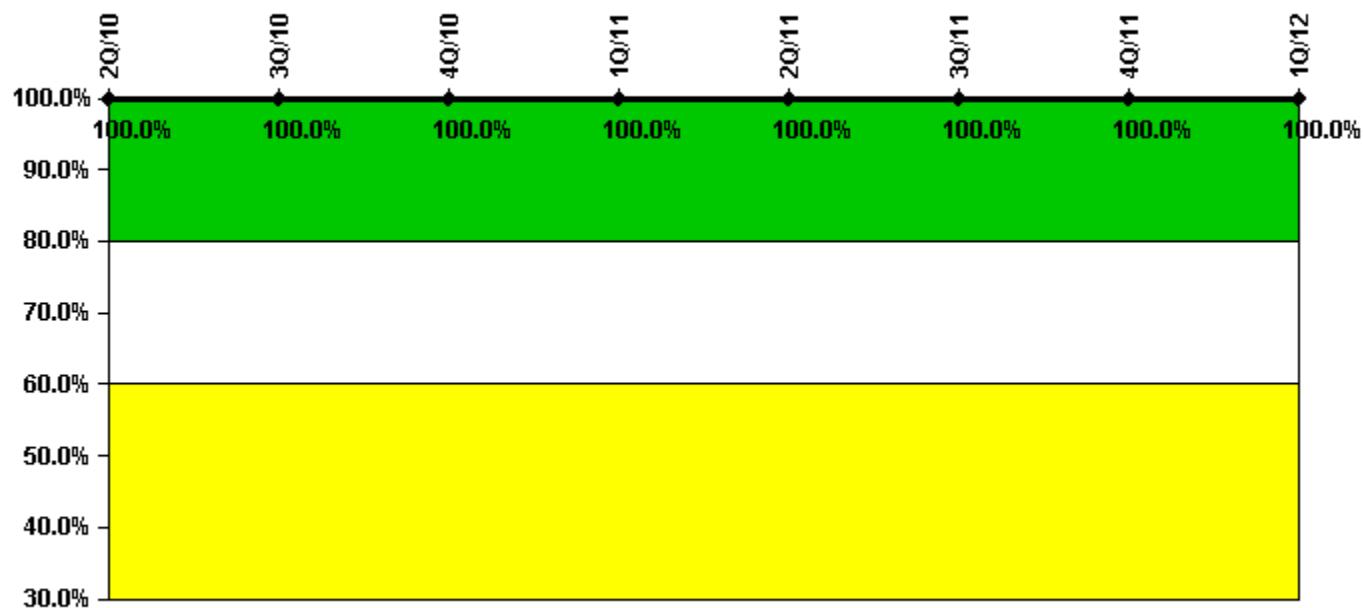
Drill/Exercise Performance	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Successful opportunities	9.0	76.0	52.0	0	69.0	92.0	9.0	0
Total opportunities	9.0	78.0	52.0	0	69.0	94.0	10.0	0
Indicator value	98.4%	98.1%	98.6%	98.4%	98.6%	98.7%	98.5%	98.4%

Licensee Comments:

3Q/11: Correction made for 3Q/2011 Successful/Total Drill Exercise & Event Opportunities

3Q/10: Minor revision made to drill, exercise and event opportunities.

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

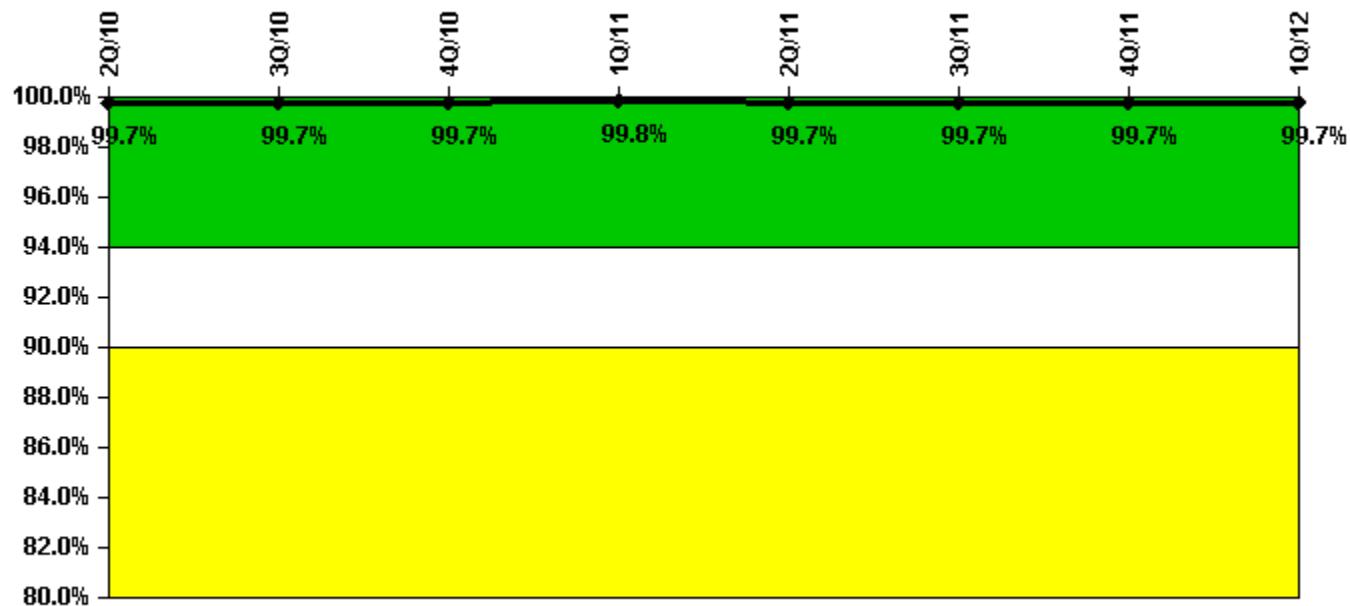
Notes

ERO Drill Participation	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Participating Key personnel	91.0	88.0	85.0	83.0	88.0	105.0	95.0	93.0
Total Key personnel	91.0	88.0	85.0	83.0	88.0	105.0	95.0	93.0
Indicator value	100.0%							

Licensee Comments:

4Q/10: 4Q/2010 data corrected from 86/86 to 85/85.

Alert & Notification System



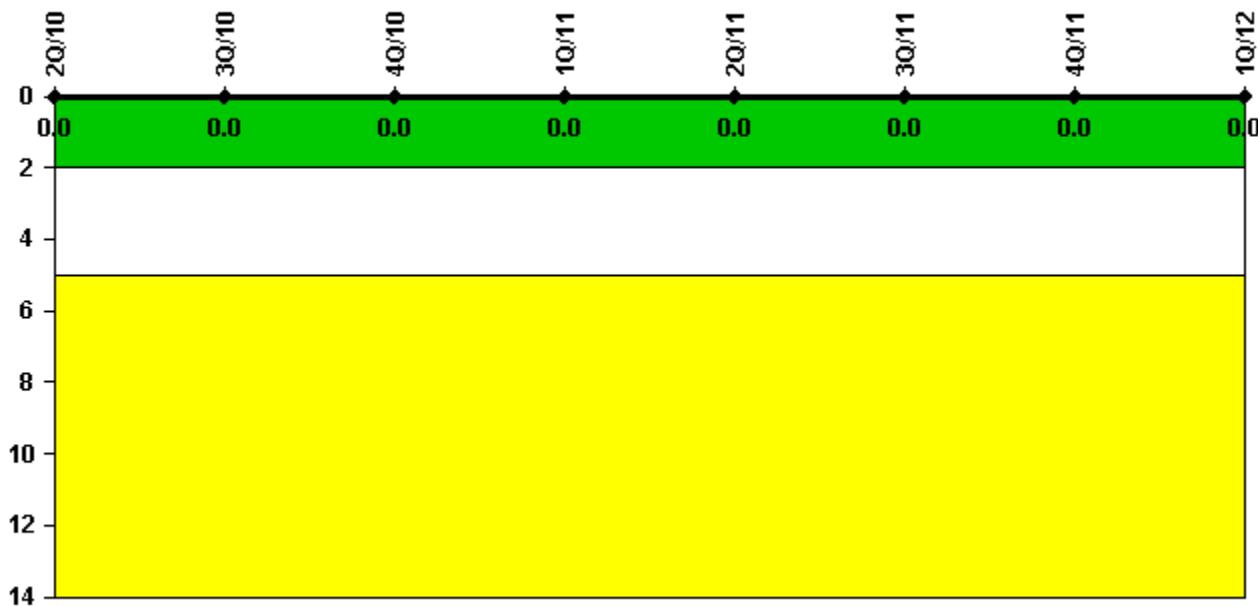
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Successful siren-tests	718	628	718	630	715	629	719	628
Total sirens-tests	720	630	720	630	720	630	720	630
Indicator value	99.7%	99.7%	99.7%	99.8%	99.7%	99.7%	99.7%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



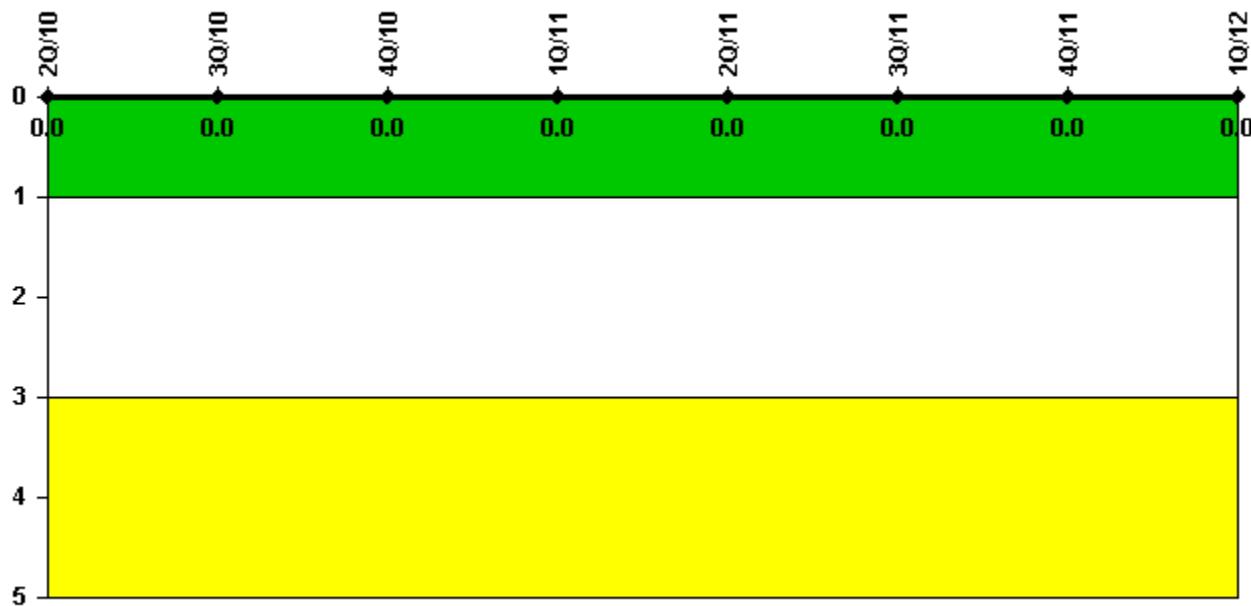
Thresholds: White > 2.0 Yellow > 5.0

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
Indicator value	0							

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

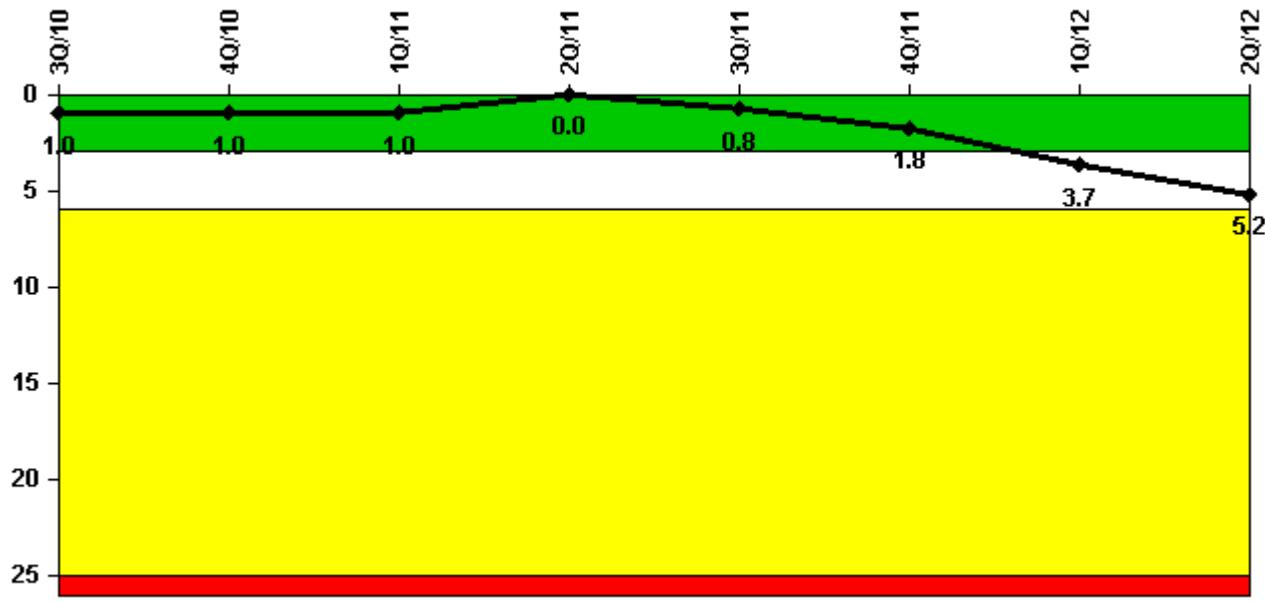
[Security](#) information not publicly available.

Saint Lucie 1

2Q/2012 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



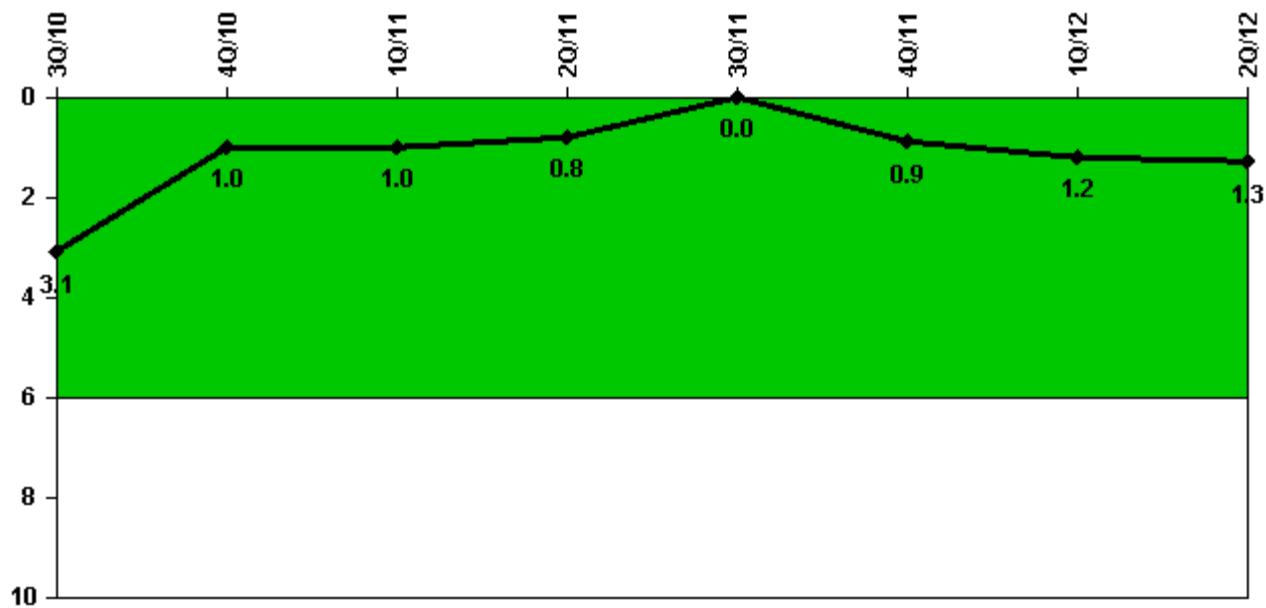
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	0	0	1.0	1.0	1.0	1.0
Critical hours	2208.0	2209.0	2159.0	2184.0	2123.2	1295.7	70.9	1845.5
Indicator value	1.0	1.0	1.0	0	0.8	1.8	3.7	5.2

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



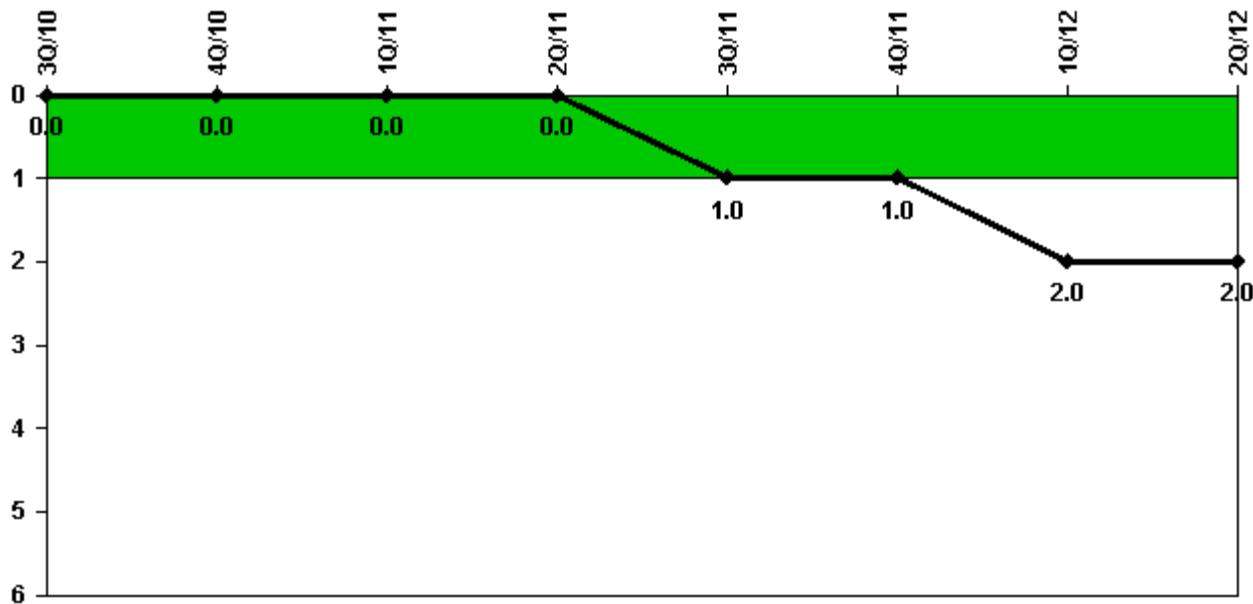
Thresholds: White > 6.0

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	1.0	0	0
Critical hours	2208.0	2209.0	2159.0	2184.0	2123.2	1295.7	70.9	1845.5
Indicator value	3.1	1.0	1.0	0.8	0	0.9	1.2	1.3

Licensee Comments: none

Unplanned Scrams with Complications



Thresholds: White > 1.0

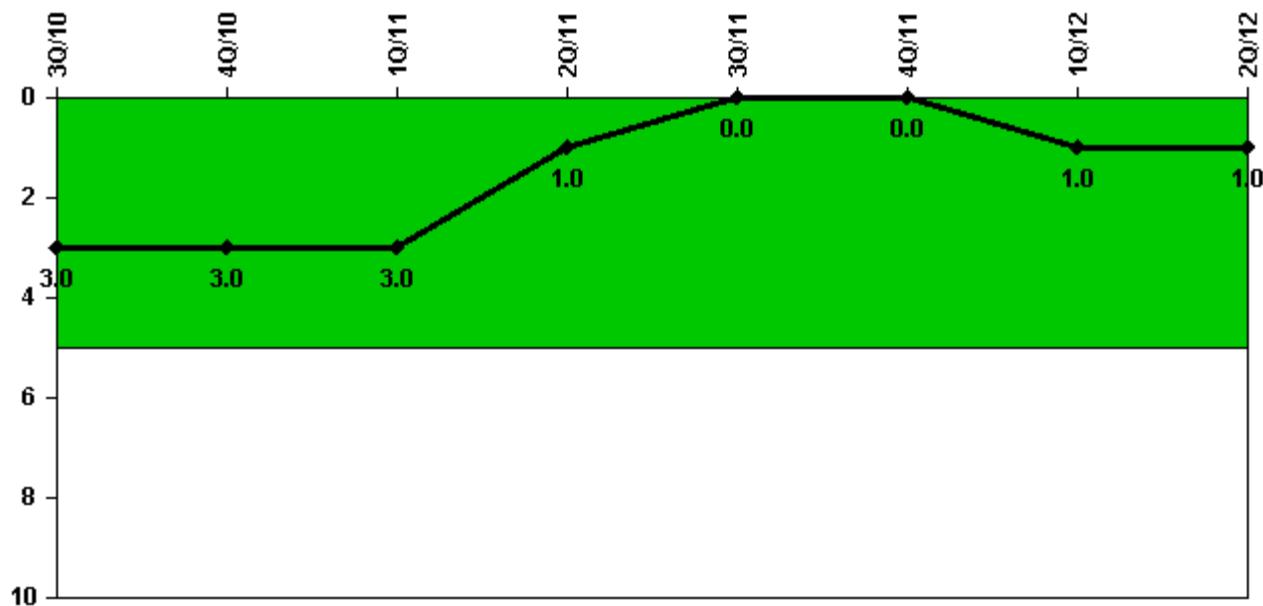
Notes

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	1.0	0	1.0	0
Indicator value	0.0	0.0	0.0	0.0	1.0	1.0	2.0	2.0

Licensee Comments:

1Q/12: FPL is submitting a FAQ concerning the March USwC. This data element may be changed based on the outcome of the FAQ.

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

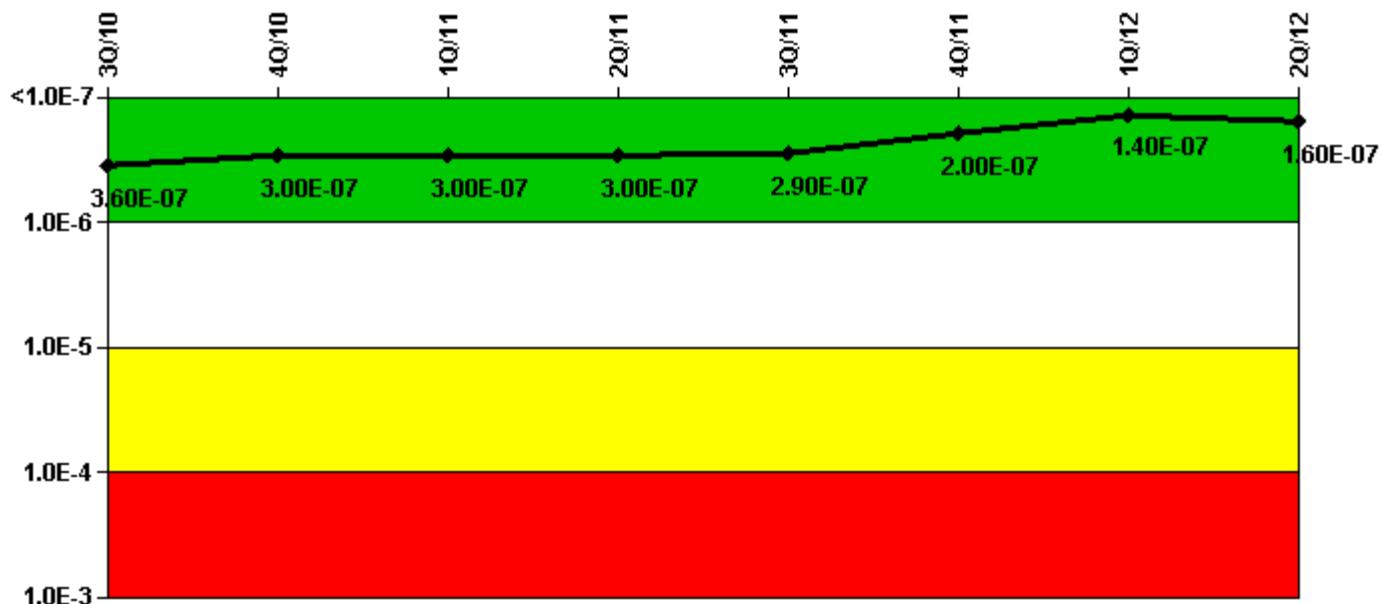
Safety System Functional Failures (PWR)	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Safety System Functional Failures	1	0	0	0	0	0	1	0
Indicator value	3	3	3	1	0	0	1	1

Licensee Comments:

1Q/12: Jan SSFF documented in LER 50-335/2011-003-00

3Q/10: Unit 1 LER 2010-004 dated 7/16/2010 - Operation in a Condition Prohibited by Technical Specifications for the Shield Building Ventilation System.

Mitigating Systems Performance Index, Emergency AC Power System



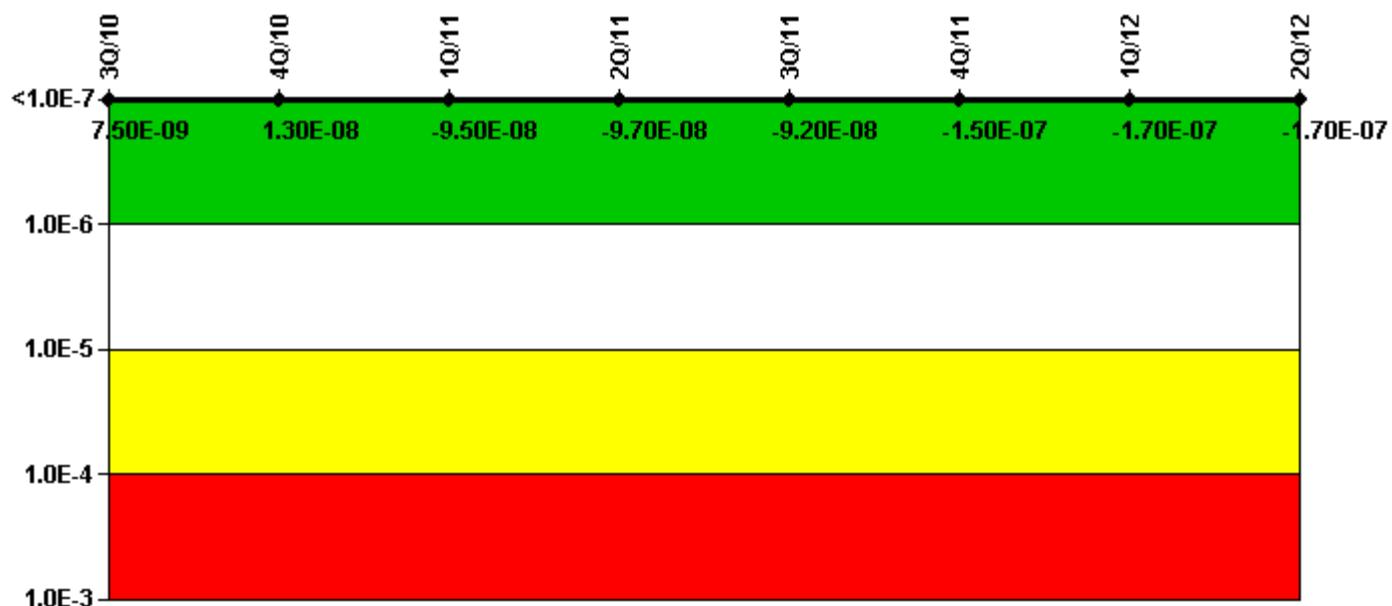
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (ΔCDF)	5.36E-08	6.15E-08	6.19E-08	6.25E-08	5.39E-08	5.40E-08	4.63E-08	5.21E-08
URI (ΔCDF)	3.05E-07	2.34E-07	2.34E-07	2.34E-07	2.34E-07	1.46E-07	9.44E-08	1.12E-07
PLE	NO							
Indicator value	3.60E-07	3.00E-07	3.00E-07	3.00E-07	2.90E-07	2.00E-07	1.40E-07	1.60E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



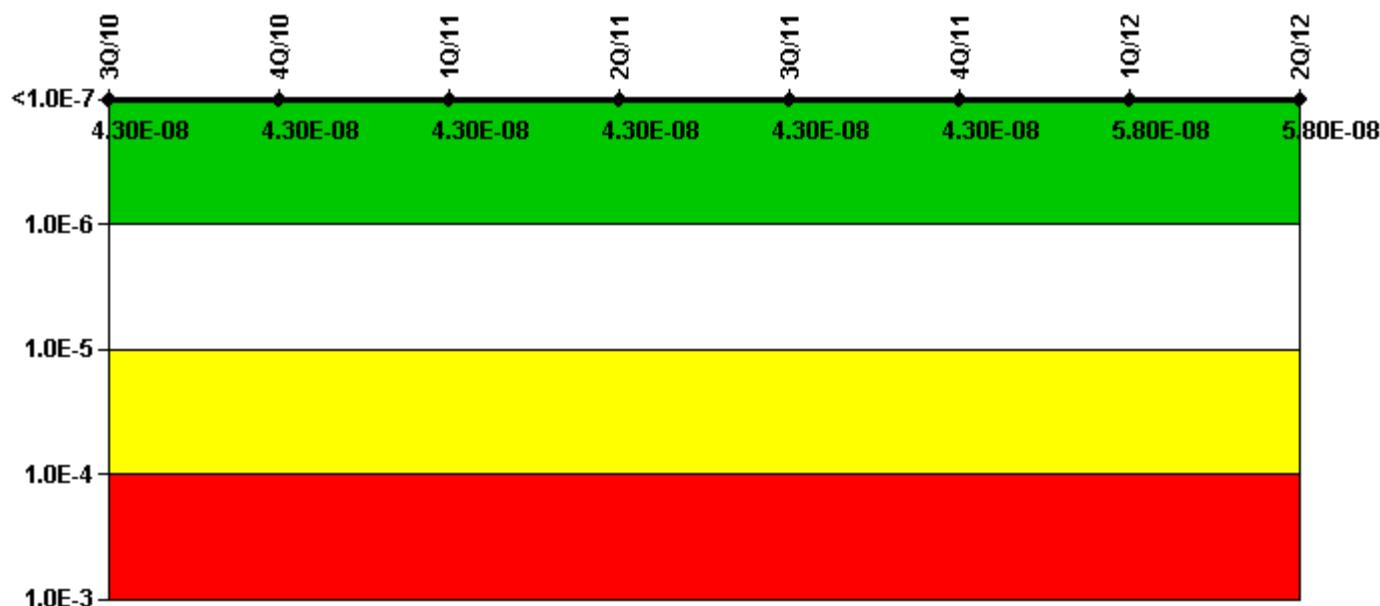
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (Δ CDF)	$1.35E-07$	$1.40E-07$	$3.32E-08$	$3.09E-08$	$3.59E-08$	$-2.17E-08$	$-4.62E-08$	$-4.40E-08$
URI (Δ CDF)	$-1.28E-07$							
PLE	NO							
Indicator value	$7.50E-09$	$1.30E-08$	$-9.50E-08$	$-9.70E-08$	$-9.20E-08$	$-1.50E-07$	$-1.70E-07$	$-1.70E-07$

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



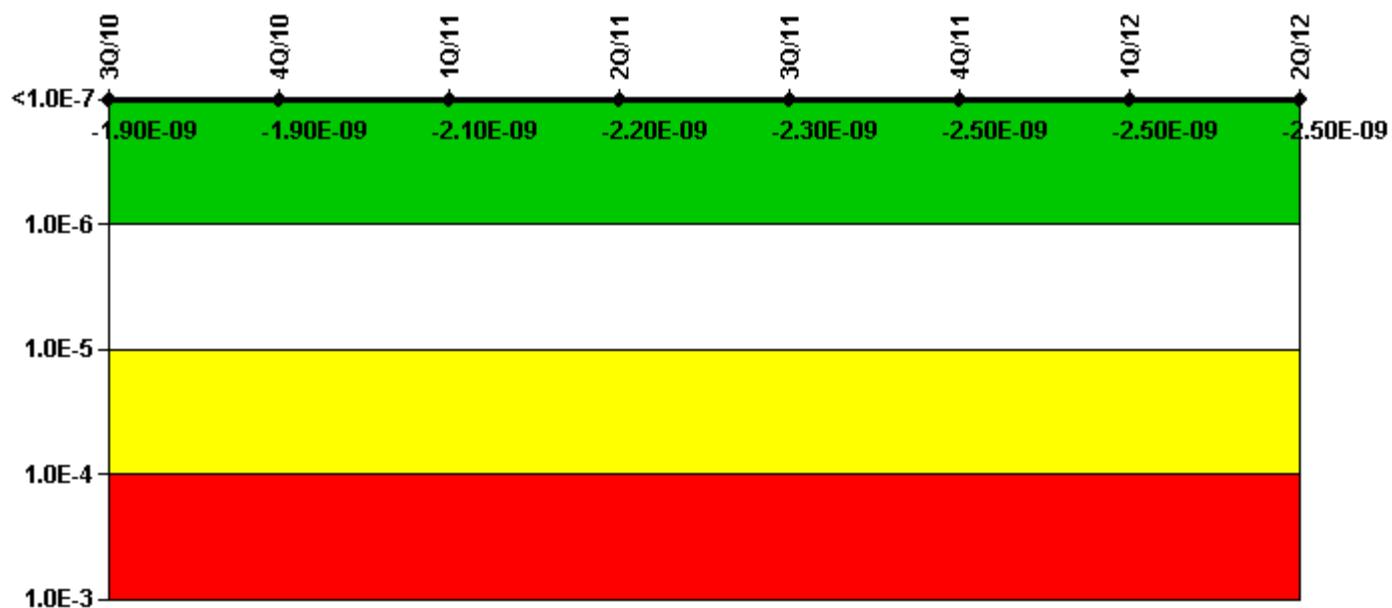
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (ΔCDF)	7.14E-09	7.14E-09	7.16E-09	7.16E-09	7.14E-09	7.88E-09	9.09E-09	9.31E-09
URI (ΔCDF)	3.56E-08	3.56E-08	3.56E-08	3.56E-08	3.56E-08	3.56E-08	4.86E-08	4.86E-08
PLE	NO							
Indicator value	4.30E-08	4.30E-08	4.30E-08	4.30E-08	4.30E-08	4.30E-08	5.80E-08	5.80E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



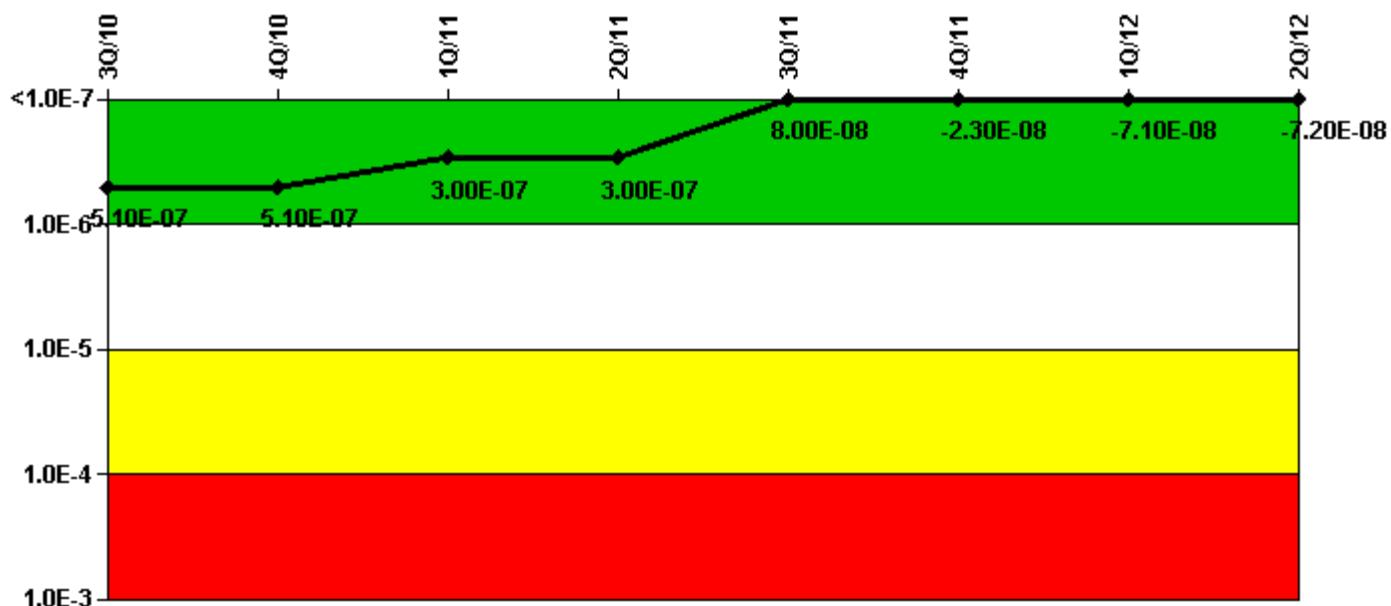
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (ΔCDF)	3.06E-10	3.08E-10	1.29E-10	7.27E-11	-3.77E-11	-2.10E-10	-2.81E-10	-2.81E-10
URI (ΔCDF)	-2.25E-09							
PLE	NO							
Indicator value	-1.90E-09	-1.90E-09	-2.10E-09	-2.20E-09	-2.30E-09	-2.50E-09	-2.50E-09	-2.50E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



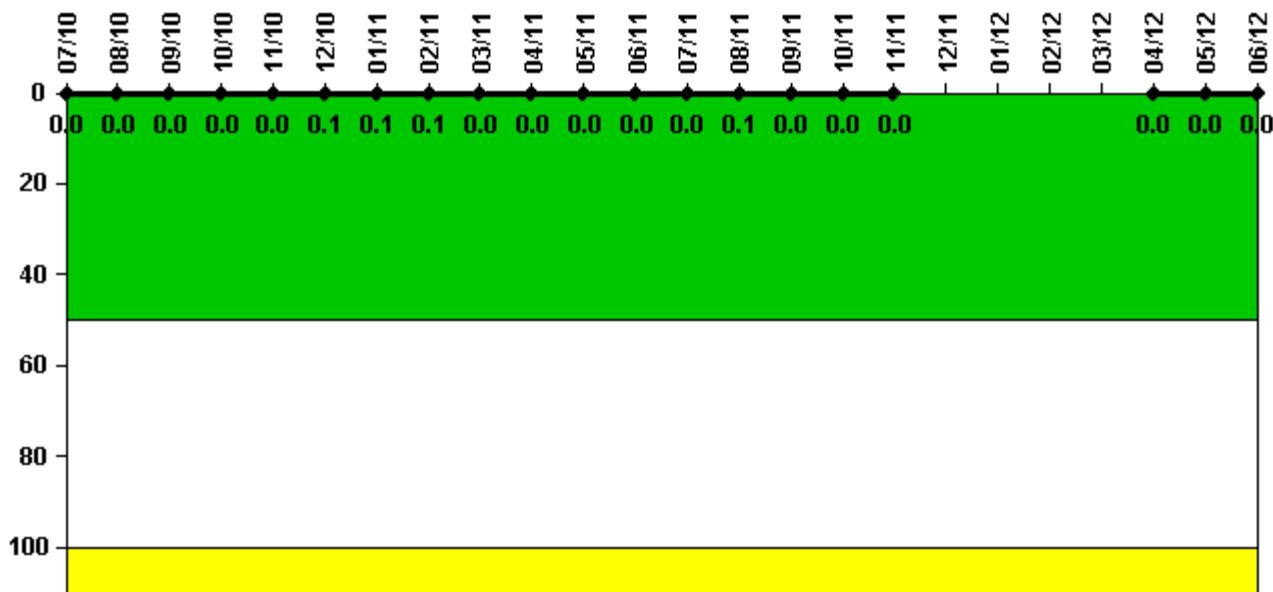
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	5.42E-07	5.42E-07	3.41E-07	3.38E-07	1.16E-07	1.32E-08	-3.42E-08	-3.60E-08
URI (ΔCDF)		-3.64E-08	-3.64E-08	-3.64E-08	-3.64E-08	-3.64E-08	-3.64E-08	-3.64E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	5.10E-07	5.10E-07	3.00E-07	3.00E-07	8.00E-08	-2.30E-08	-7.10E-08	-7.20E-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	0.000395	0.000352	0.000436	0.000474	0.000476	0.000552	0.000590	0.000612	0.000355	0.000362	0.000395	0.000398
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0.1	0.1	0.1	0	0	0	0
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	0.000351	0.000572	0.000376	0.000417	0.000379	N/A	N/A	N/A	N/A	0.000031	0.000115	0.000194
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0.1	0	0	0	N/A	N/A	N/A	N/A	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

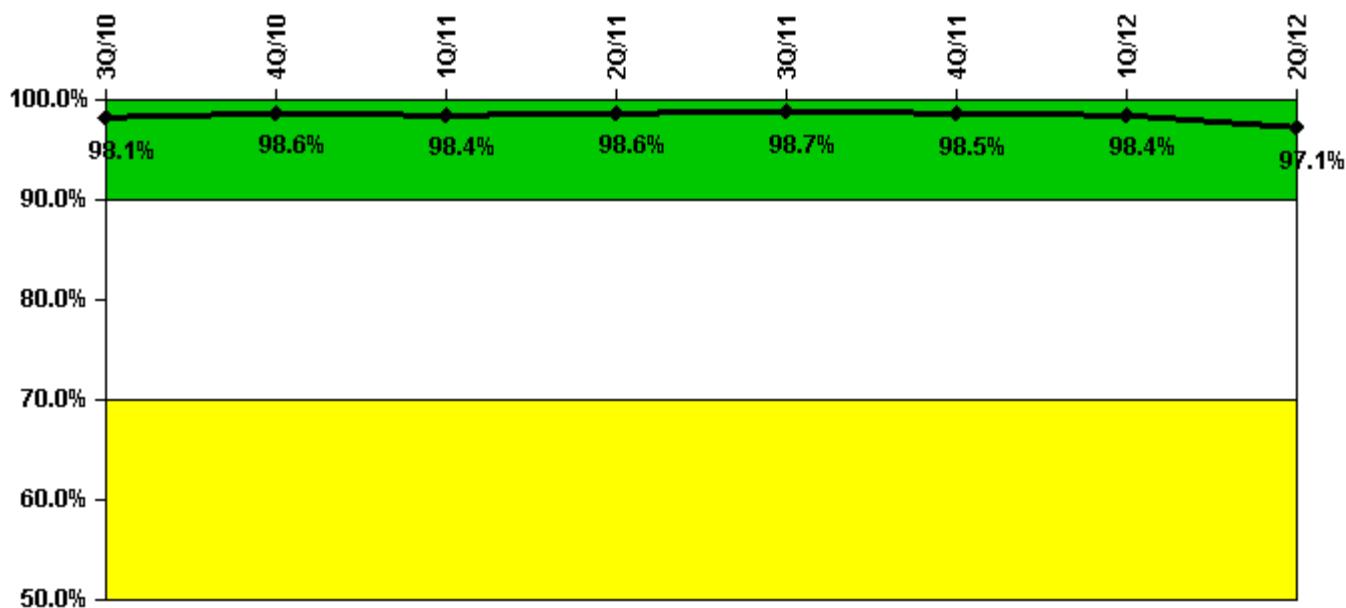
Notes

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	0.045	0.094	0.070	0.230	0.010	0.010	0.030	0.100	0.080	0.050	0.060	0.010
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	0.9	0.7	2.3	0.1	0.1	0.3	1.0	0.8	0.5	0.6	0.1

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	0.009	0.025	0.004	0.030	0.005	N/A	N/A	N/A	0.720	0.275	0.285	0.369
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.3	0	0.3	0.1	N/A	N/A	N/A	7.2	2.8	2.9	3.7

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

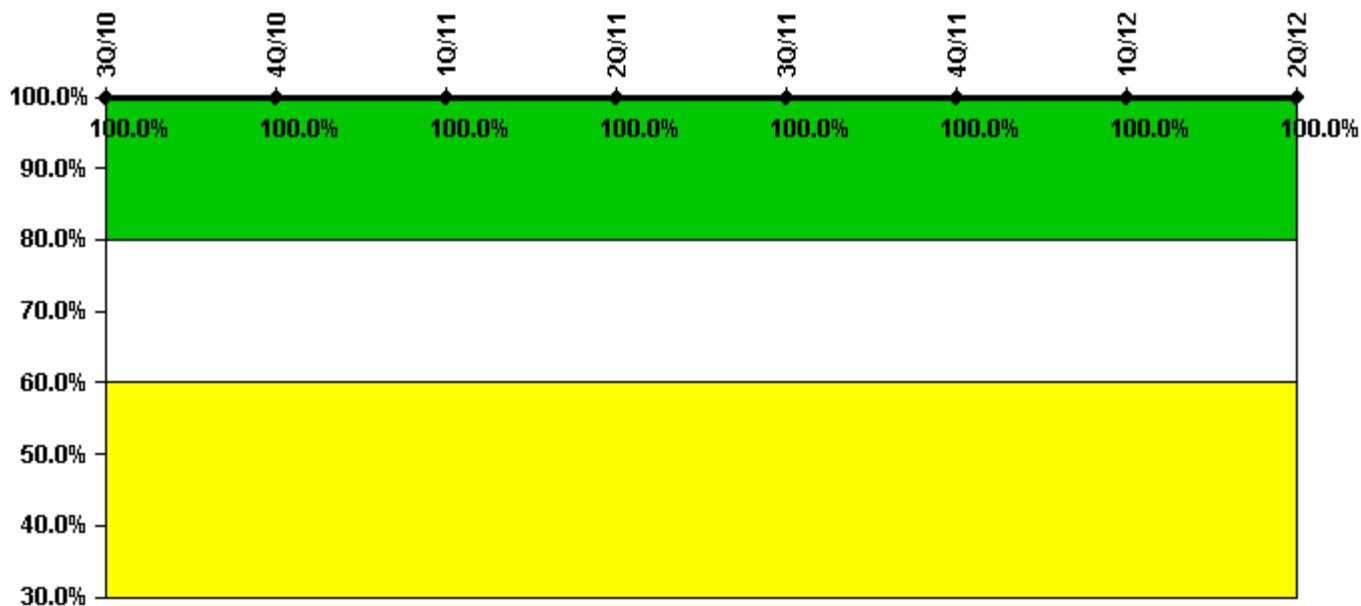
Drill/Exercise Performance	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Successful opportunities	76.0	52.0	0	69.0	92.0	9.0	0	69.0
Total opportunities	78.0	52.0	0	69.0	94.0	10.0	0	75.0
Indicator value	98.1%	98.6%	98.4%	98.6%	98.7%	98.5%	98.4%	97.1%

Licensee Comments:

3Q/11: Correction made for 3Q/2011 Successful/Total Drill Exercise & Event Opportunities

3Q/10: Minor revision made to drill, exercise and event opportunities.

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

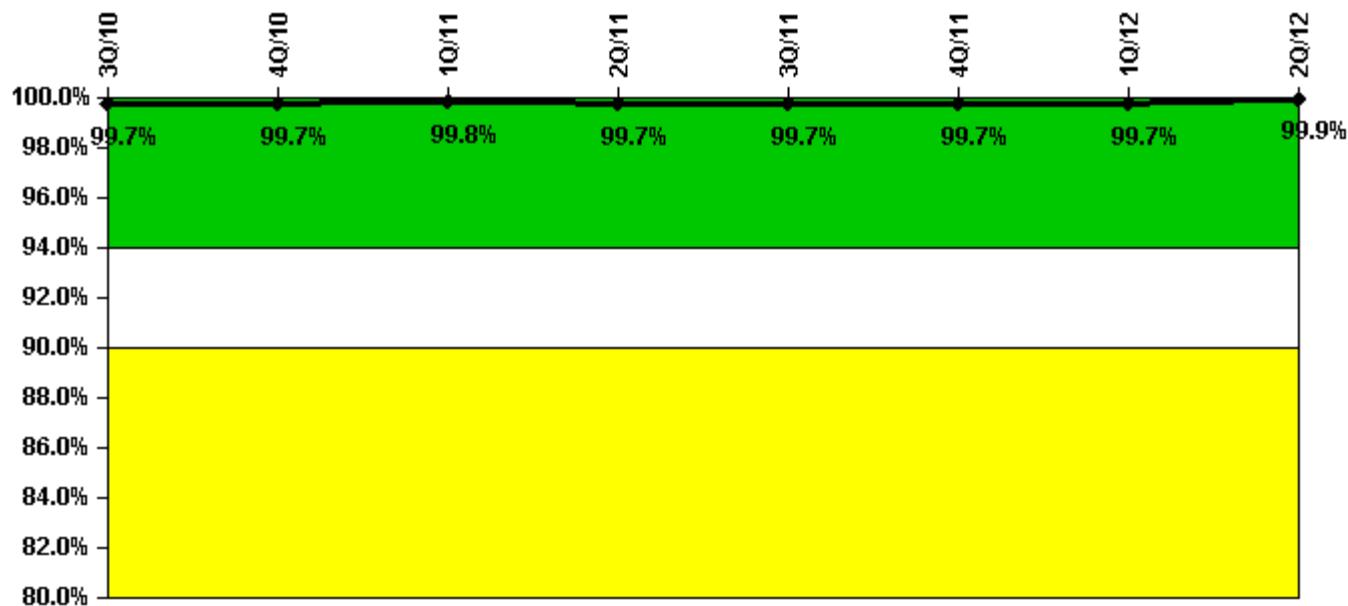
Notes

ERO Drill Participation	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Participating Key personnel	88.0	85.0	83.0	88.0	105.0	95.0	93.0	94.0
Total Key personnel	88.0	85.0	83.0	88.0	105.0	95.0	93.0	94.0
Indicator value	100.0%							

Licensee Comments:

4Q/10: 4Q/2010 data corrected from 86/86 to 85/85.

Alert & Notification System



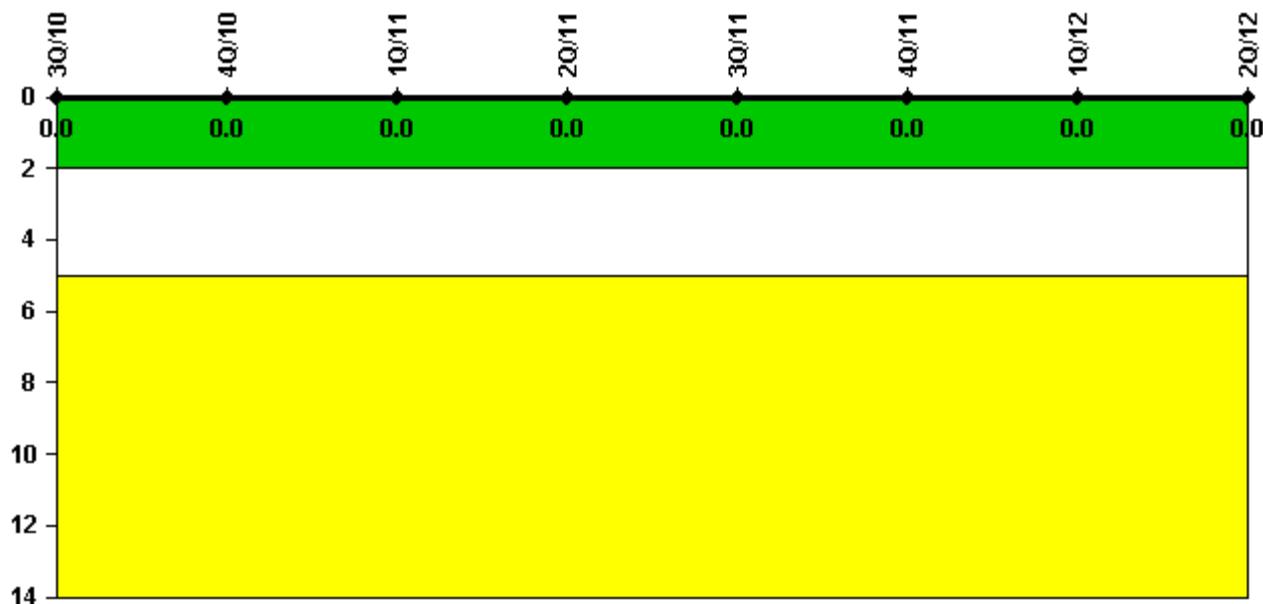
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Successful siren-tests	628	718	630	715	629	719	628	720
Total sirens-tests	630	720	630	720	630	720	630	720
Indicator value	99.7%	99.7%	99.8%	99.7%	99.7%	99.7%	99.7%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



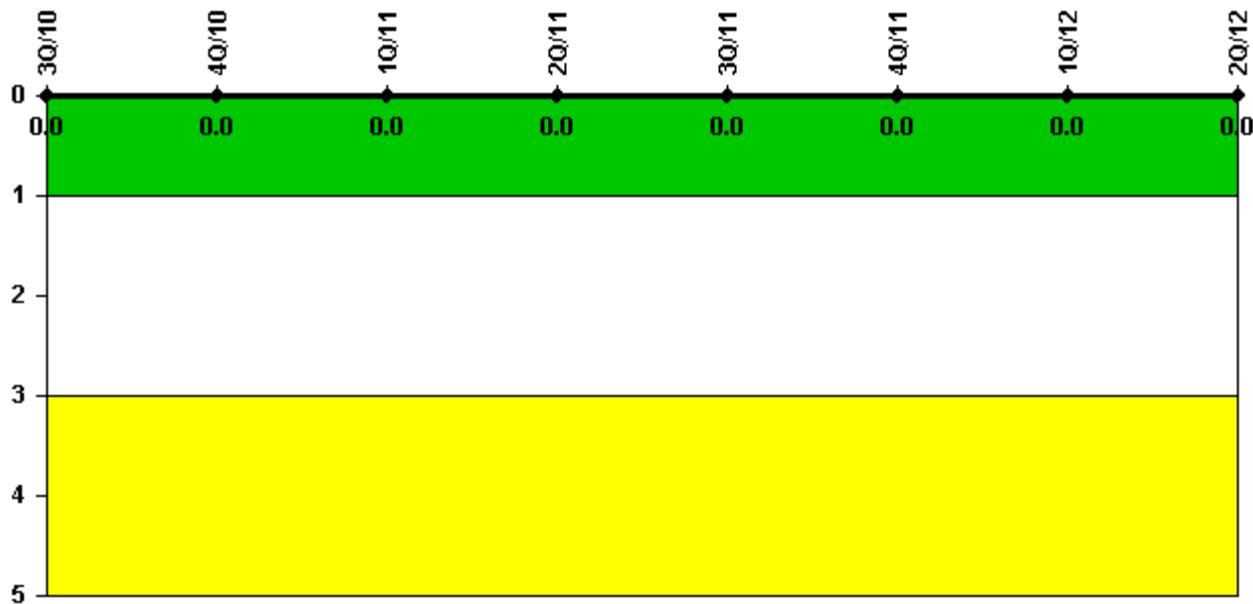
Thresholds: White > 2.0 Yellow > 5.0

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
Indicator value	0							

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

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.



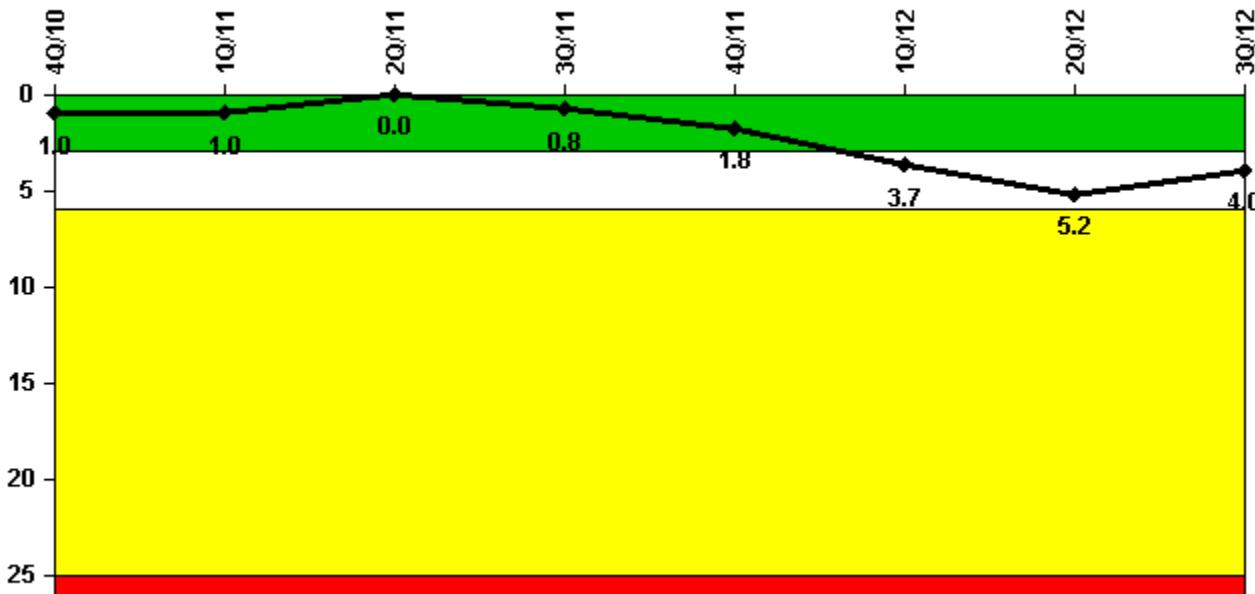
[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Saint Lucie 1

3Q/2012 Performance Indicators

Licensee's General Comments: MSPI coefficient changes due to PRA model revision to reflect post-EPU plant and operating procedure changes.

Unplanned Scrams per 7000 Critical Hrs



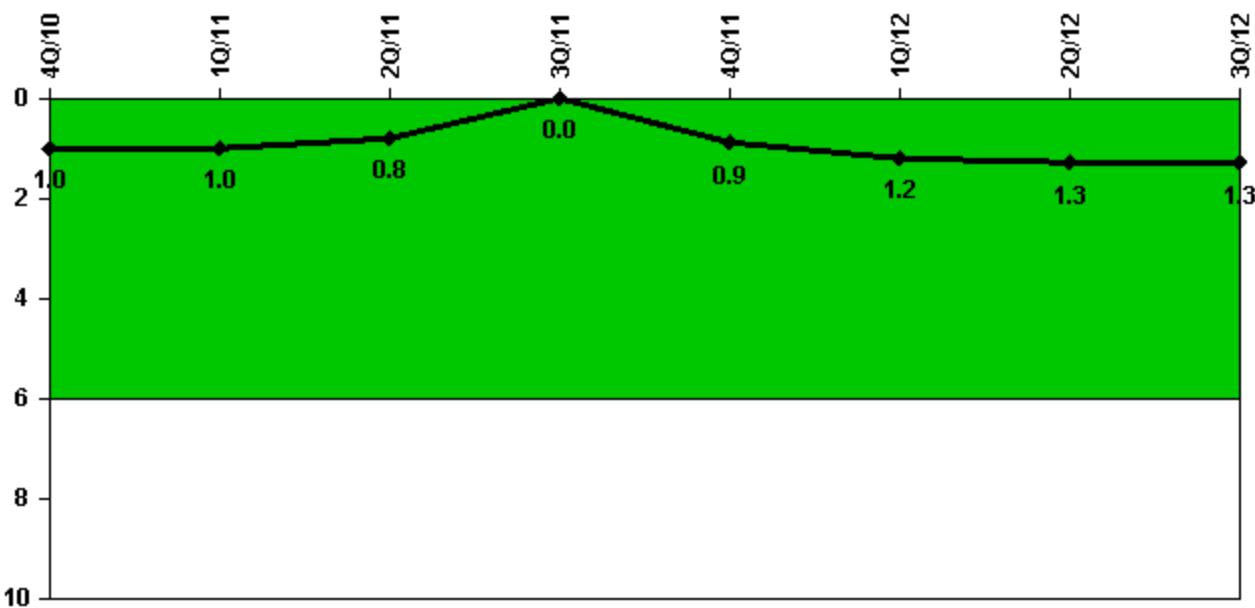
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	0	0	1.0	1.0	1.0	1.0	0
Critical hours	2209.0	2159.0	2184.0	2123.2	1295.7	70.9	1845.5	2080.6
Indicator value	1.0	1.0	0	0.8	1.8	3.7	5.2	4.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



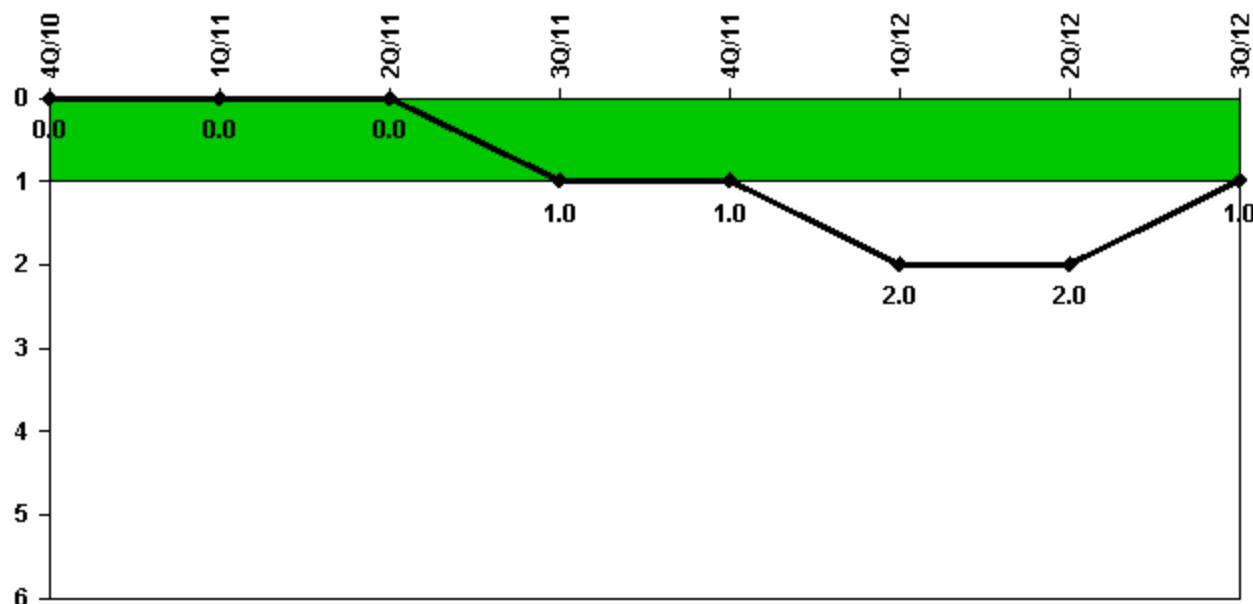
Thresholds: White > 6.0

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	1.0	0	0	0
Critical hours	2209.0	2159.0	2184.0	2123.2	1295.7	70.9	1845.5	2080.6
Indicator value	1.0	1.0	0.8	0	0.9	1.2	1.3	1.3

Licensee Comments: none

Unplanned Scrams with Complications



Thresholds: White > 1.0

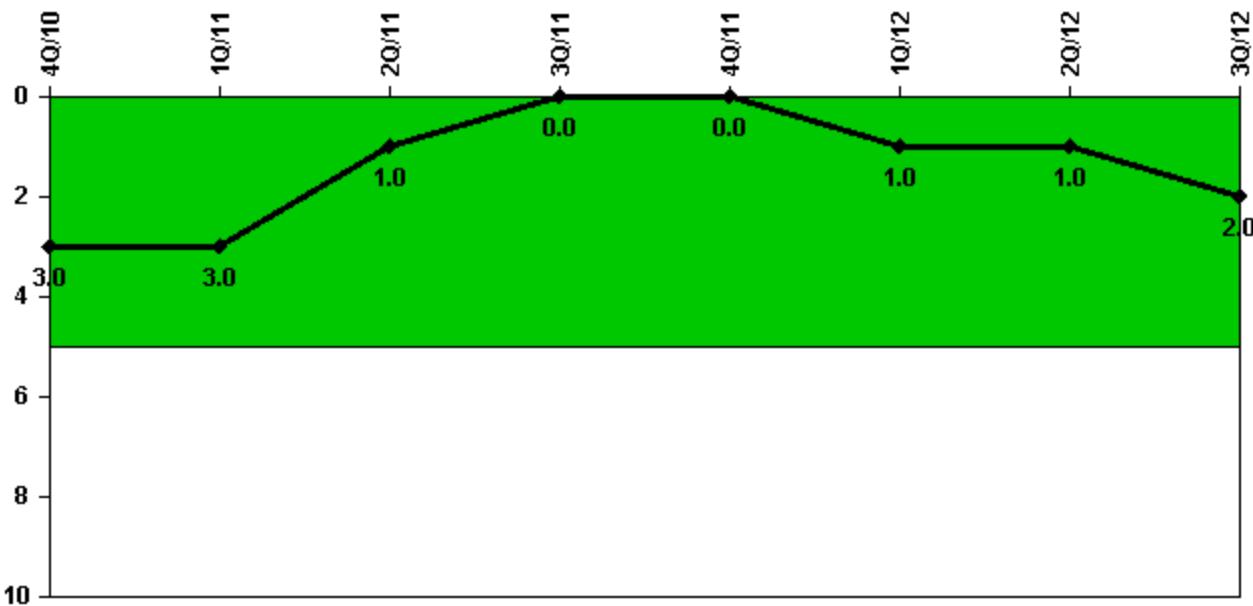
Notes

Unplanned Scrams with Complications	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Scrams with complications	0	0	0	1.0	0	1.0	0	0
Indicator value	0.0	0.0	0.0	1.0	1.0	2.0	2.0	1.0

Licensee Comments:

1Q/12: FPL is submitting a FAQ concerning the March USwC. This data element may be changed based on the outcome of the FAQ.

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

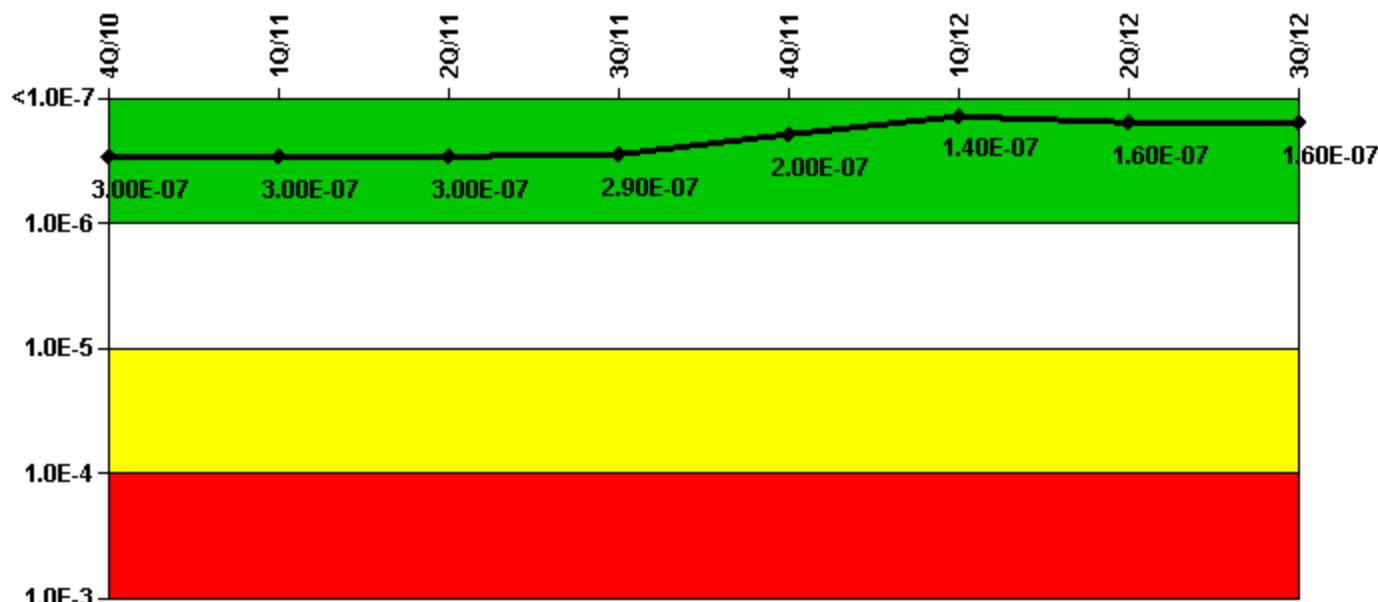
Safety System Functional Failures (PWR)	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Safety System Functional Failures	0	0	0	0	0	1	0	1
Indicator value	3	3	1	0	0	1	1	2

Licensee Comments:

3Q/12: August SSFF documented in LER 50-355/2012-007-00

1Q/12: Jan SSFF documented in LER 50-335/2011-003-00

Mitigating Systems Performance Index, Emergency AC Power System



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

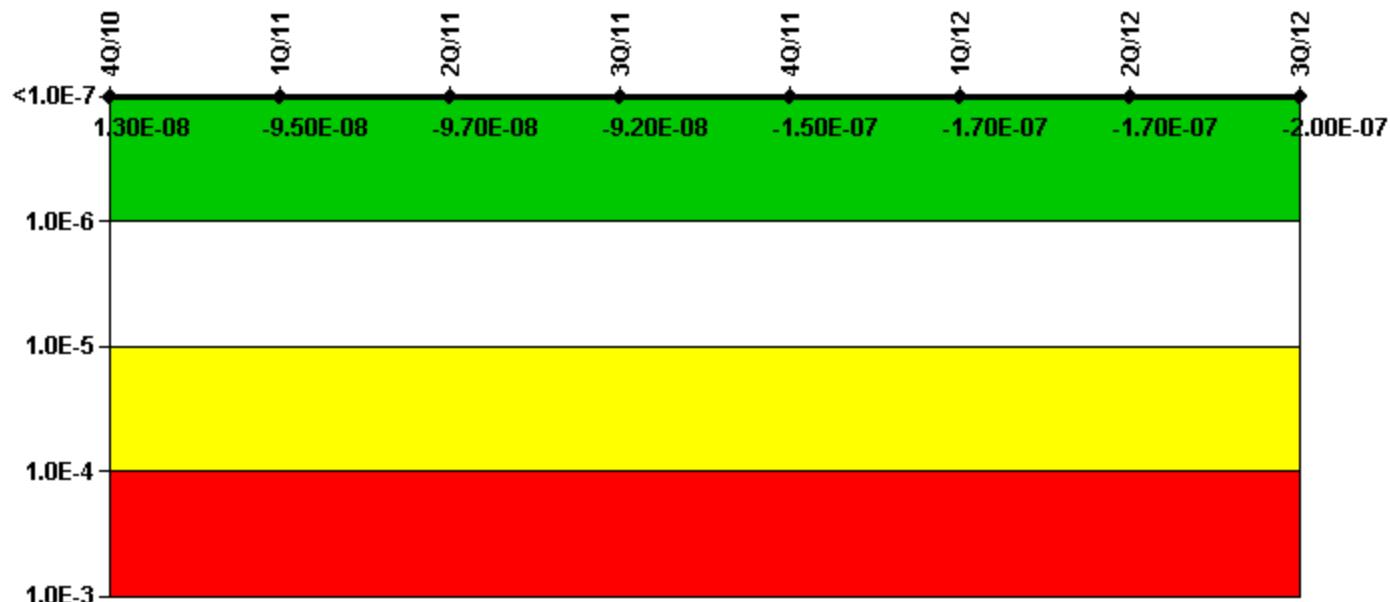
Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
UAI (Δ CDF)	6.15E-08	6.19E-08	6.25E-08	5.39E-08	5.40E-08	4.63E-08	5.21E-08	7.22E-08
URI (Δ CDF)	2.34E-07	2.34E-07	2.34E-07	2.34E-07	1.46E-07	9.44E-08	1.12E-07	8.54E-08
PLE	NO							
Indicator value	3.00E-07	3.00E-07	3.00E-07	2.90E-07	2.00E-07	1.40E-07	1.60E-07	1.60E-07

Licensee Comments:

3Q/12: 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

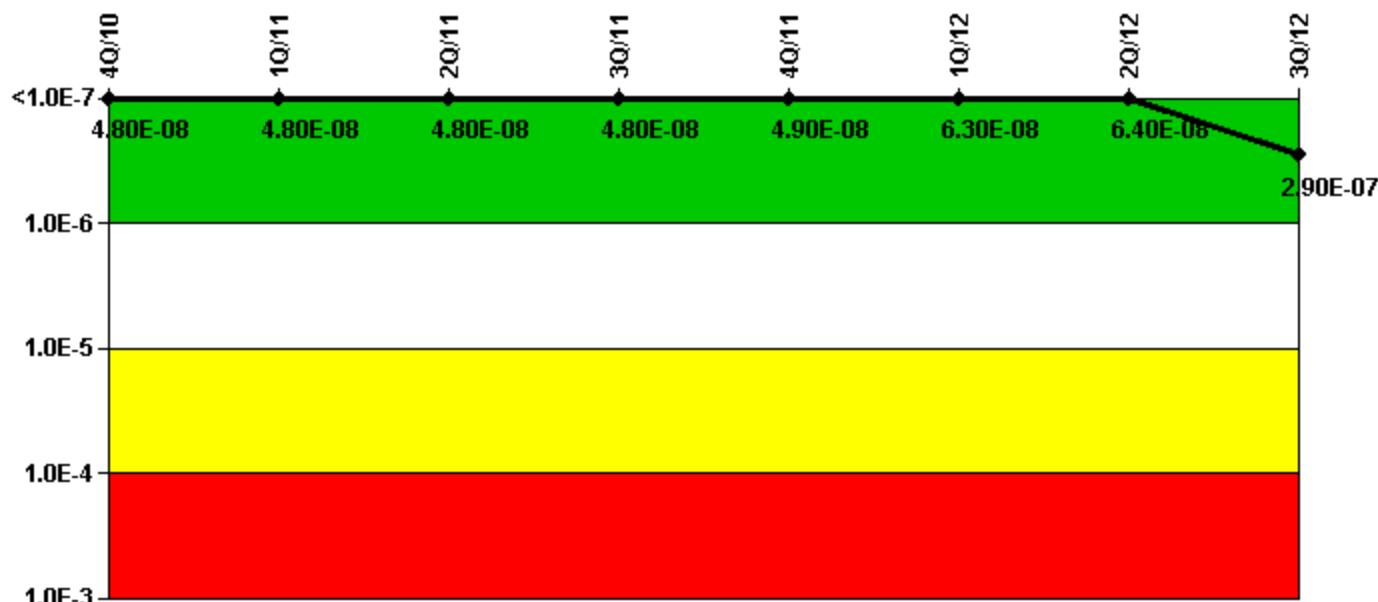
Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
UAI (Δ CDF)	1.40E-07	3.32E-08	3.09E-08	3.59E-08	-2.17E-08	-4.62E-08	-4.40E-08	-3.36E-08
URI (Δ CDF)	-1.28E-07	-1.28E-07	-1.28E-07	-1.28E-07	-1.28E-07	-1.28E-07	-1.28E-07	-1.63E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.30E-08	-9.50E-08	-9.70E-08	-9.20E-08	-1.50E-07	-1.70E-07	-1.70E-07	-2.00E-07

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



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

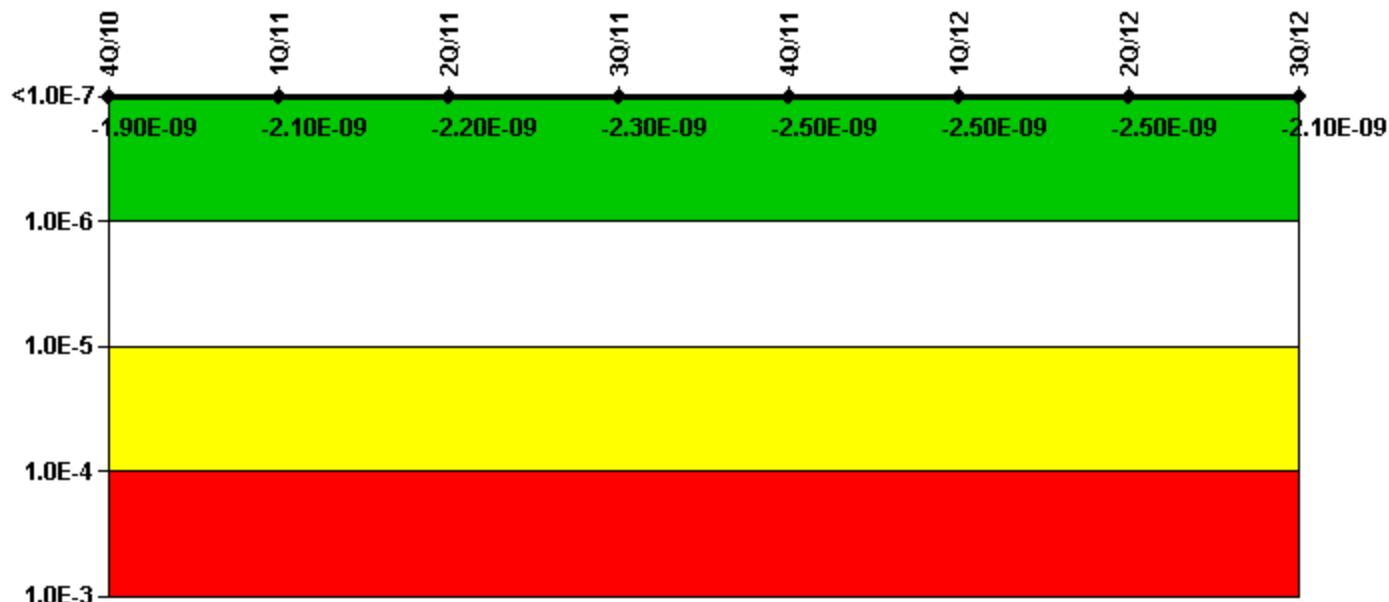
Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
UAI (Δ CDF)	7.14E-09	7.16E-09	7.16E-09	7.14E-09	7.88E-09	9.09E-09	9.31E-09	1.45E-08
URI (Δ CDF)	4.12E-08	4.12E-08	4.12E-08	4.12E-08	4.12E-08	5.42E-08	5.42E-08	2.73E-07
PLE	NO							
Indicator value	4.80E-08	4.80E-08	4.80E-08	4.80E-08	4.90E-08	6.30E-08	6.40E-08	2.90E-07

Licensee Comments:

3Q/12: Changed PRA Parameter(s). Q3 2012, Unit 1 AFW excluded MV-08-13 and MV-08-14 from scope due to low birnbaum, manual recovery action only. Unit 2 AFW excluded MV-09-13 and MV-09-14 from scope

Mitigating Systems Performance Index, Residual Heat Removal System



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

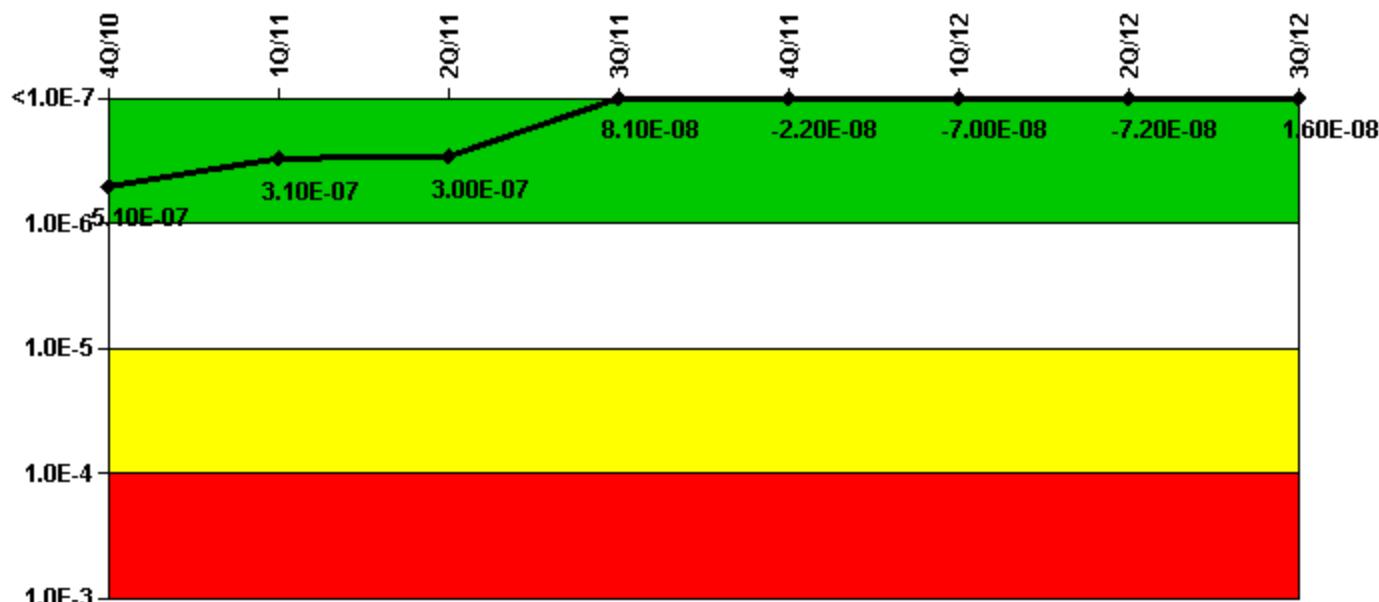
Notes

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 (Δ CDF)	3.08E-10	1.29E-10	7.27E-11	-3.77E-11	-2.10E-10	-2.81E-10	-2.81E-10	-1.41E-10
URI (Δ CDF)	-2.25E-09	-1.96E-09						
PLE	NO							
Indicator value	-1.90E-09	-2.10E-09	-2.20E-09	-2.30E-09	-2.50E-09	-2.50E-09	-2.50E-09	-2.10E-09

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



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

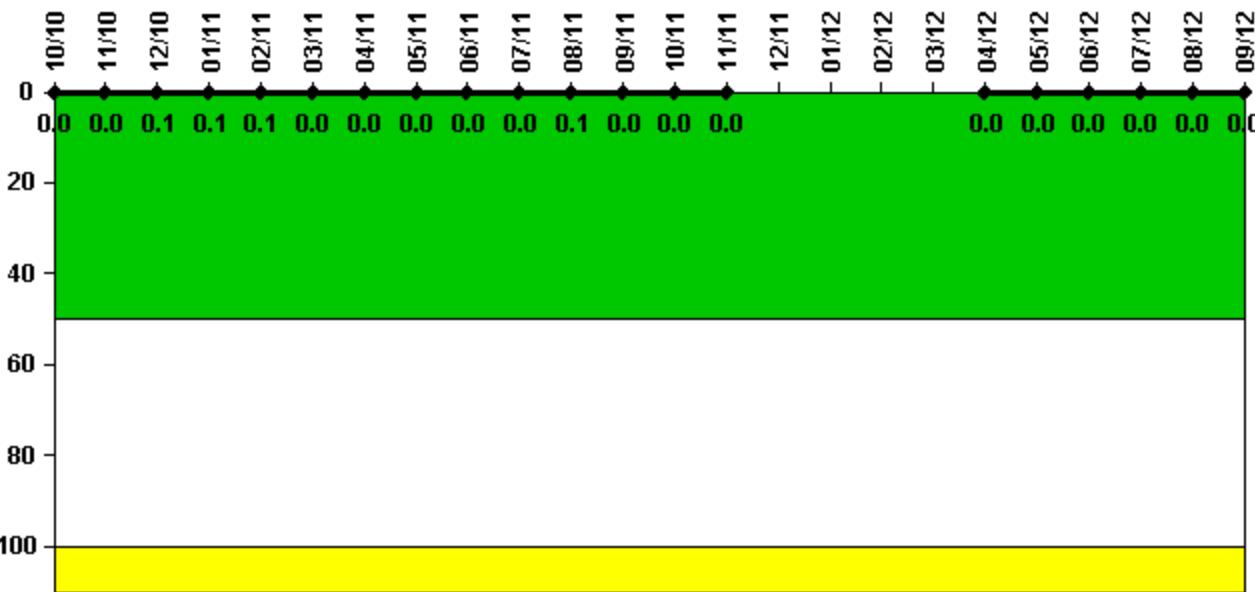
Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
UAI (Δ CDF)	5.42E-07	3.41E-07	3.38E-07	1.16E-07	1.32E-08	-3.42E-08	-3.60E-08	2.84E-08
URI (Δ CDF)	-3.55E-08	-3.55E-08	-3.55E-08	-3.55E-08	-3.55E-08	-3.55E-08	-3.55E-08	-1.20E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	5.10E-07	3.10E-07	3.00E-07	8.10E-08	-2.20E-08	-7.00E-08	-7.20E-08	1.60E-08

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Reactor Coolant System Activity



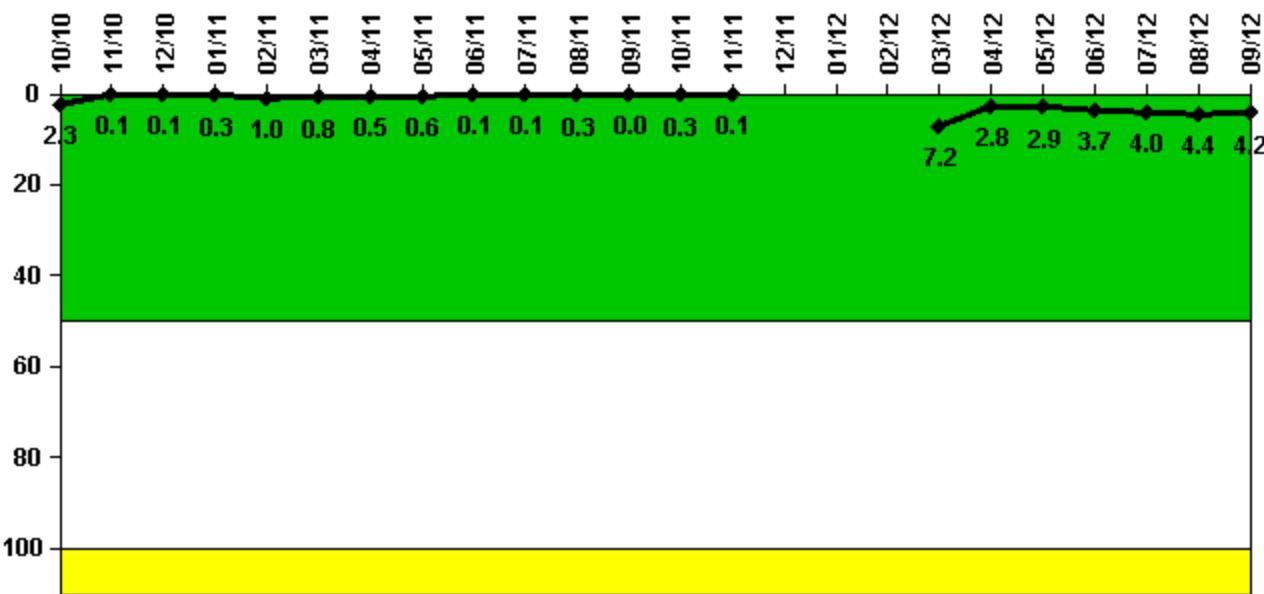
Thresholds: White > 50.0 Yellow > 100.0

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	0.000474	0.000476	0.000552	0.000590	0.000612	0.000355	0.000362	0.000395	0.000398	0.000351	0.000572	0.000376
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0.1	0.1	0.1	0	0	0	0	0	0.1	0
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	0.000417	0.000379	N/A	N/A	N/A	N/A	0.000031	0.000115	0.000194	0.000221	0.000293	0.000323
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	N/A	N/A	N/A	N/A	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



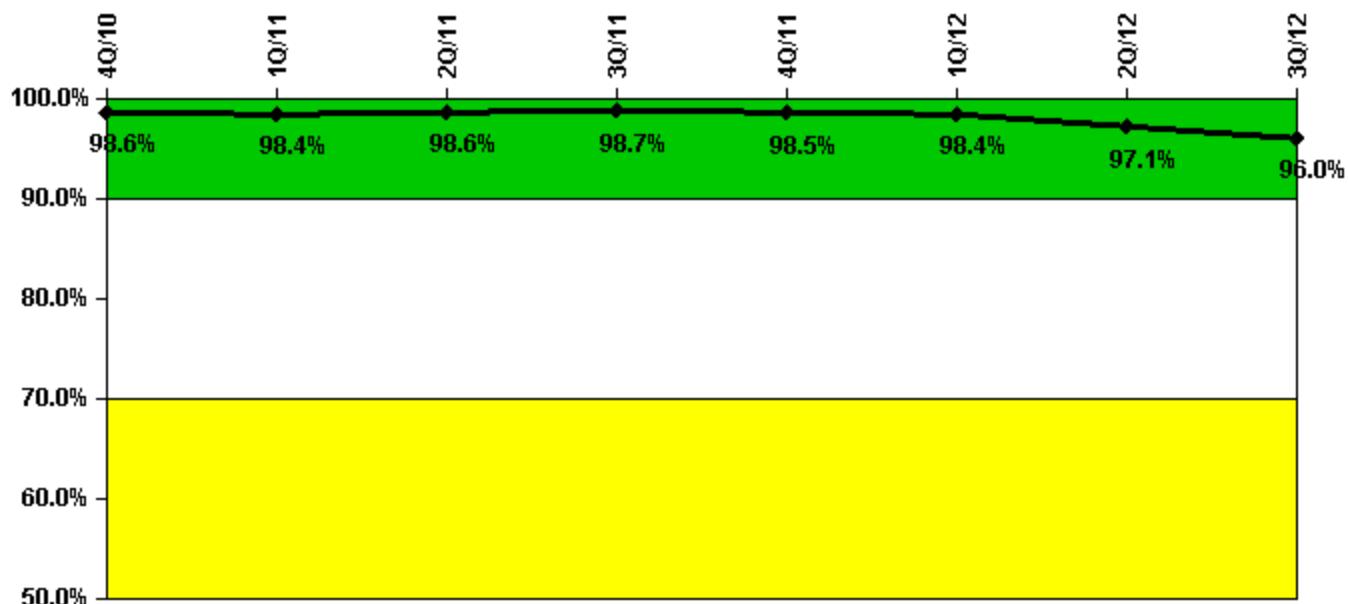
Thresholds: White > 50.0 Yellow > 100.0

Notes

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	0.230	0.010	0.010	0.030	0.100	0.080	0.050	0.060	0.010	0.009	0.025	0.004
Indicator value	2.3	0.1	0.1	0.3	1.0	0.8	0.5	0.6	0.1	0.1	0.3	0
Reactor Coolant System Leakage	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 leakage	0.030	0.005	N/A	N/A	N/A	0.720	0.275	0.285	0.369	0.398	0.443	0.423
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.1	N/A	N/A	N/A	7.2	2.8	2.9	3.7	4.0	4.4	4.2

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

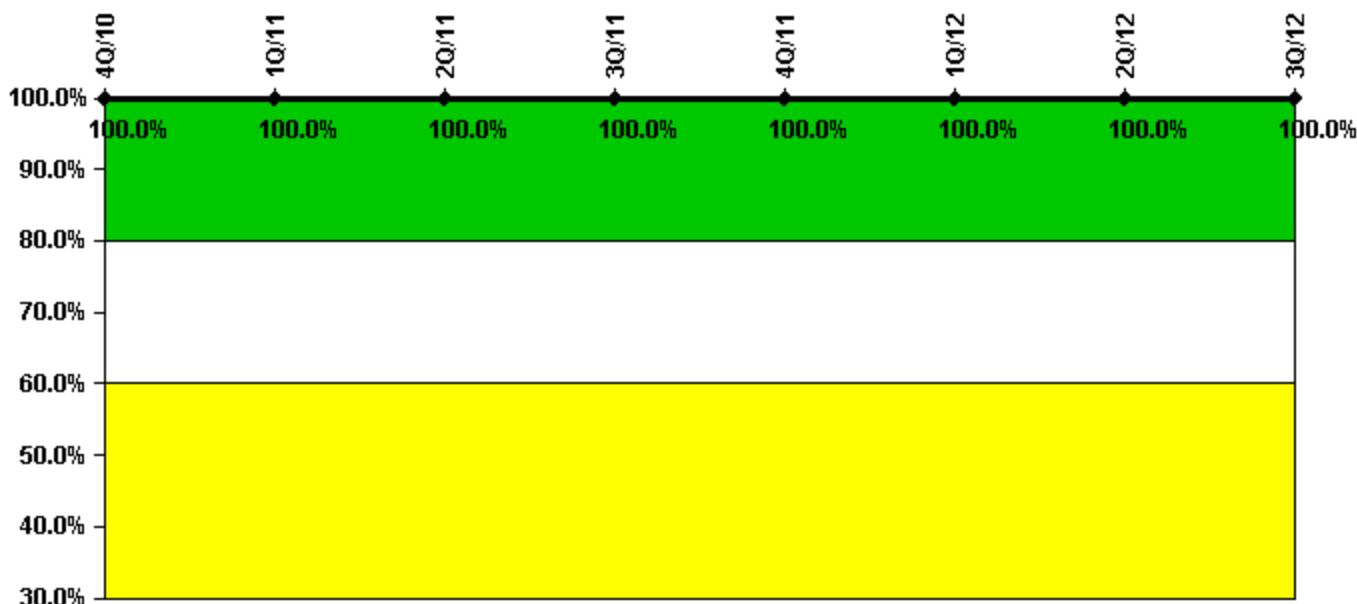
Notes

Drill/Exercise Performance	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Successful opportunities	52.0	0	69.0	92.0	9.0	0	69.0	49.0
Total opportunities	52.0	0	69.0	94.0	10.0	0	75.0	54.0
Indicator value	98.6%	98.4%	98.6%	98.7%	98.5%	98.4%	97.1%	96.0%

Licensee Comments:

3Q/11: Correction made for 3Q/2011 Successful/Total Drill Exercise & Event Opportunities

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

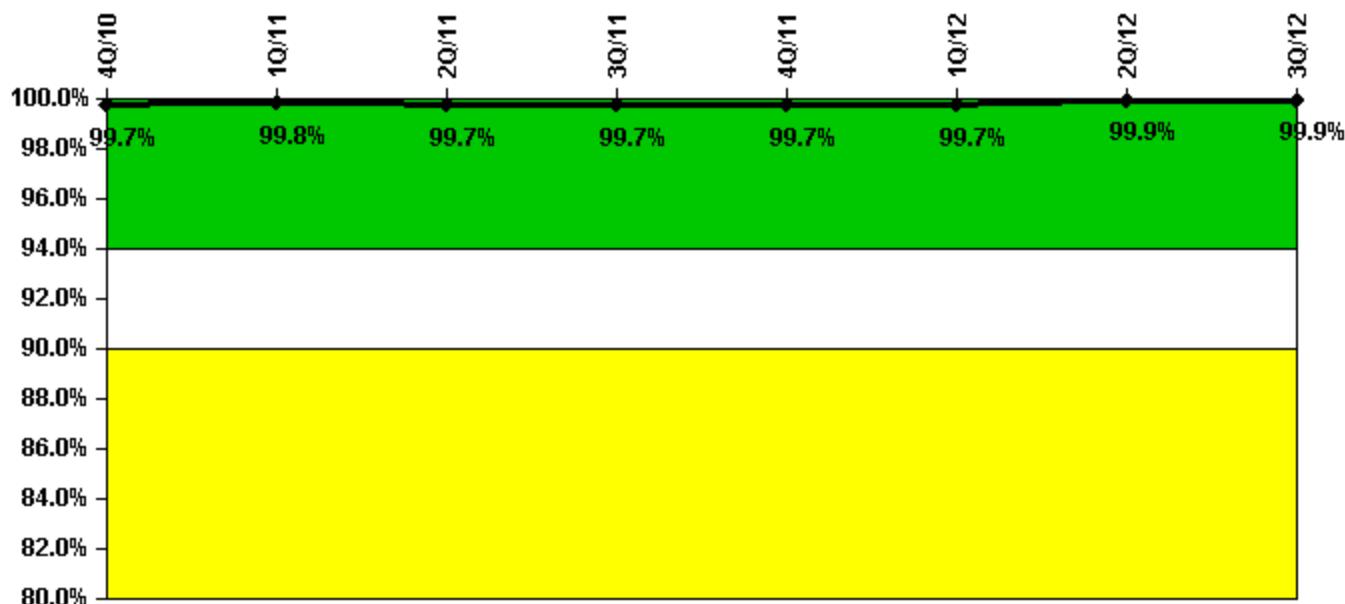
Notes

ERO Drill Participation	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Participating Key personnel	85.0	83.0	88.0	105.0	95.0	93.0	94.0	93.0
Total Key personnel	85.0	83.0	88.0	105.0	95.0	93.0	94.0	93.0
Indicator value	100.0%							

Licensee Comments:

4Q/10: 4Q/2010 data corrected from 86/86 to 85/85.

Alert & Notification System



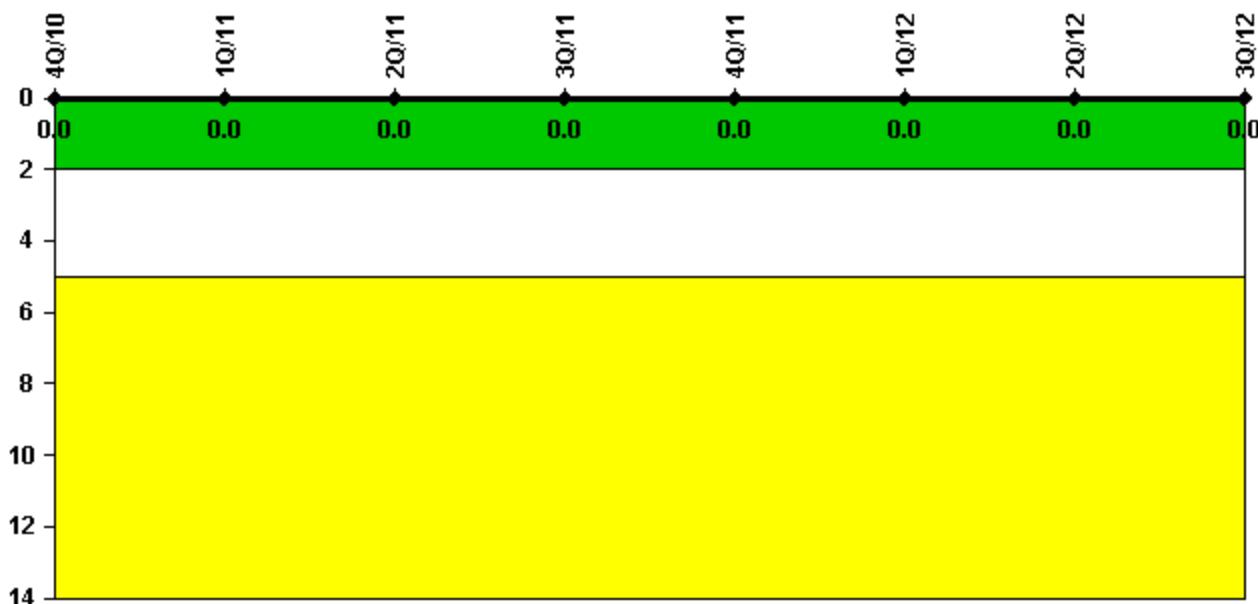
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Successful siren-tests	718	630	715	629	719	628	720	630
Total sirens-tests	720	630	720	630	720	630	720	630
Indicator value	99.7%	99.8%	99.7%	99.7%	99.7%	99.7%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



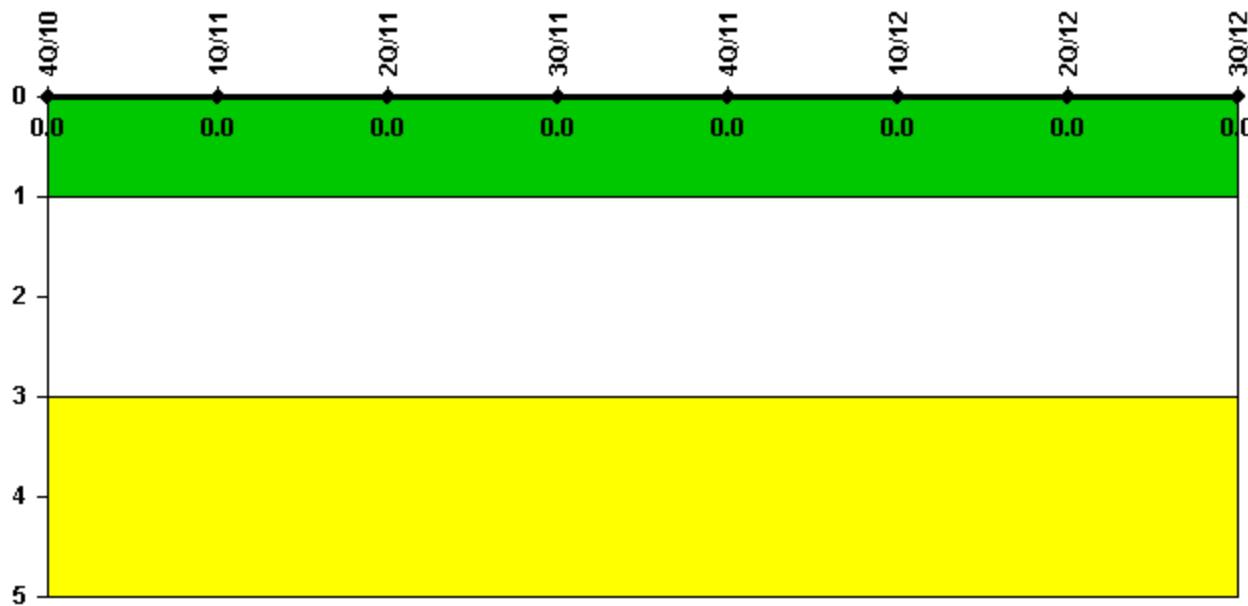
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/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
Indicator value	0							

Licensee Comments: none

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	0							

Licensee Comments: none

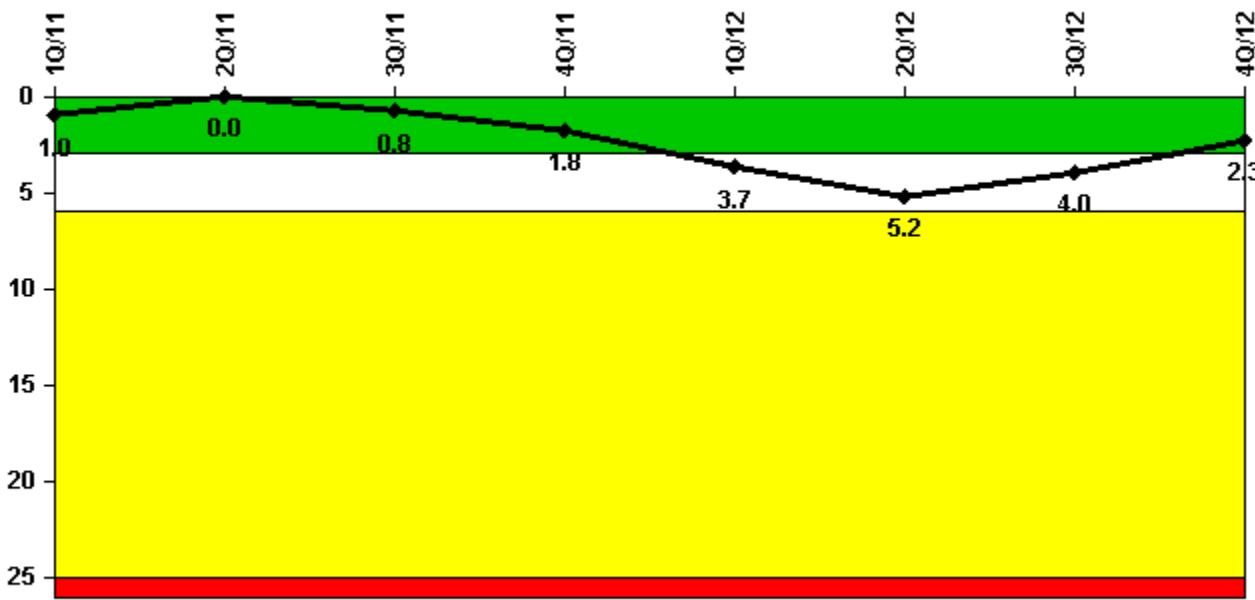
Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information 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 24, 2012

Saint Lucie 1**4Q/2012 Performance Indicators**

Licensee's General Comments: none

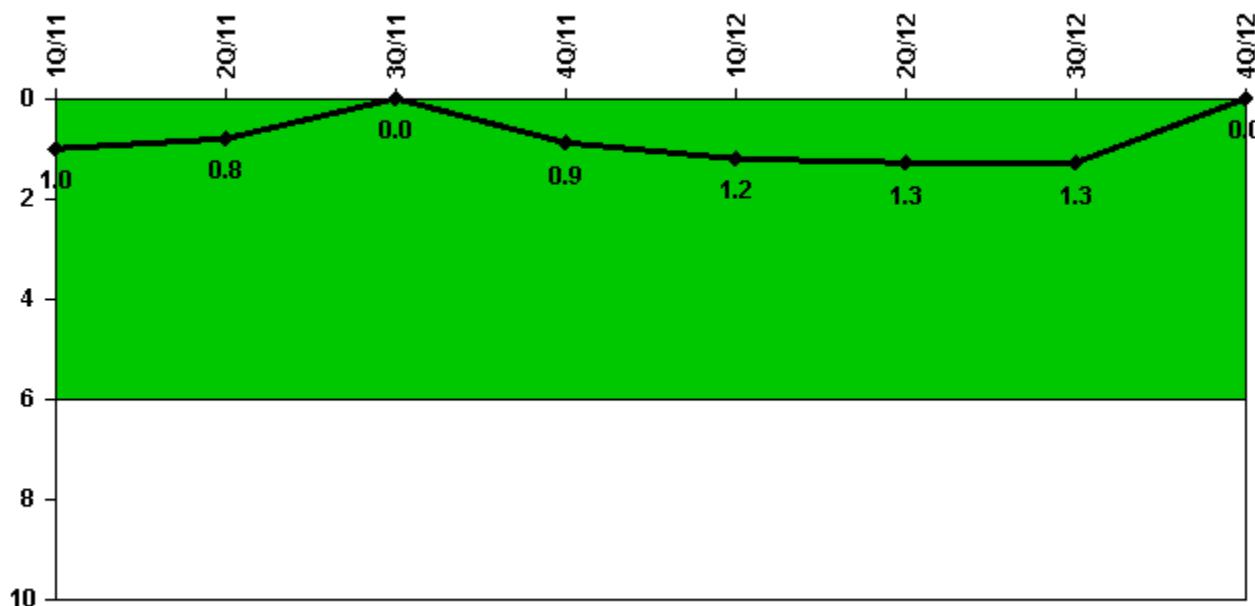
Unplanned Scrams per 7000 Critical Hrs

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	0	0	1.0	1.0	1.0	1.0	0	0
Critical hours	2159.0	2184.0	2123.2	1295.7	70.9	1845.5	2080.6	2209.0
Indicator value	1.0	0	0.8	1.8	3.7	5.2	4.0	2.3

Licensee Comments: none

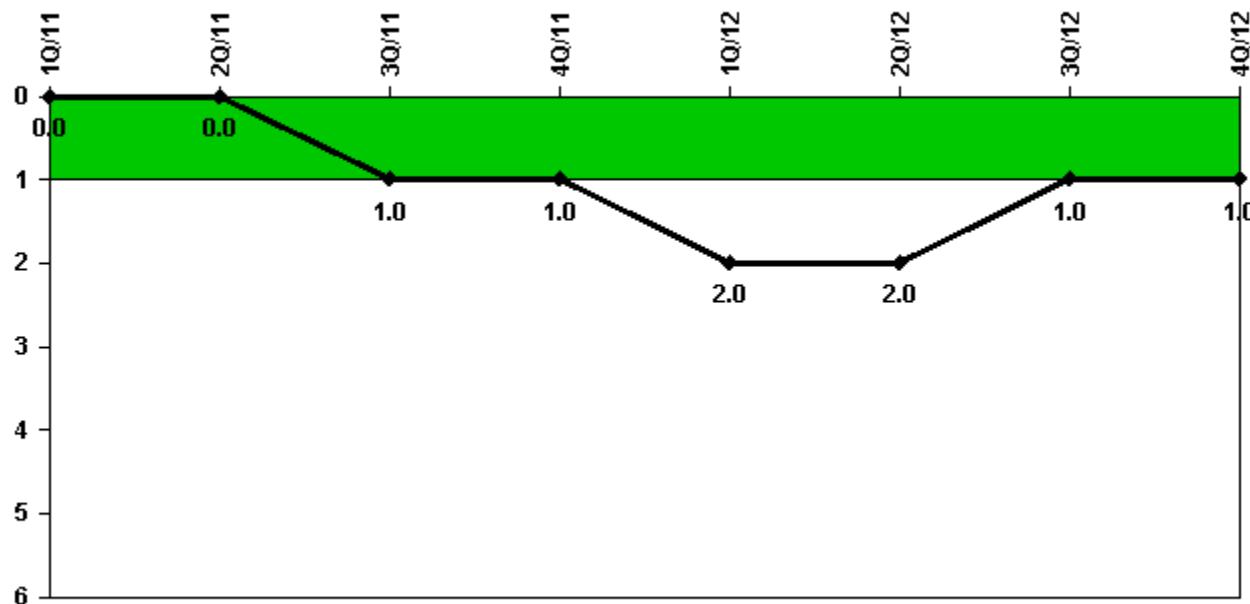
Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 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	1.0	0	0	0	0
Critical hours	2159.0	2184.0	2123.2	1295.7	70.9	1845.5	2080.6	2209.0
Indicator value	1.0	0.8	0	0.9	1.2	1.3	1.3	0

Licensee Comments: none

Unplanned Scrams with Complications

Thresholds: White > 1.0

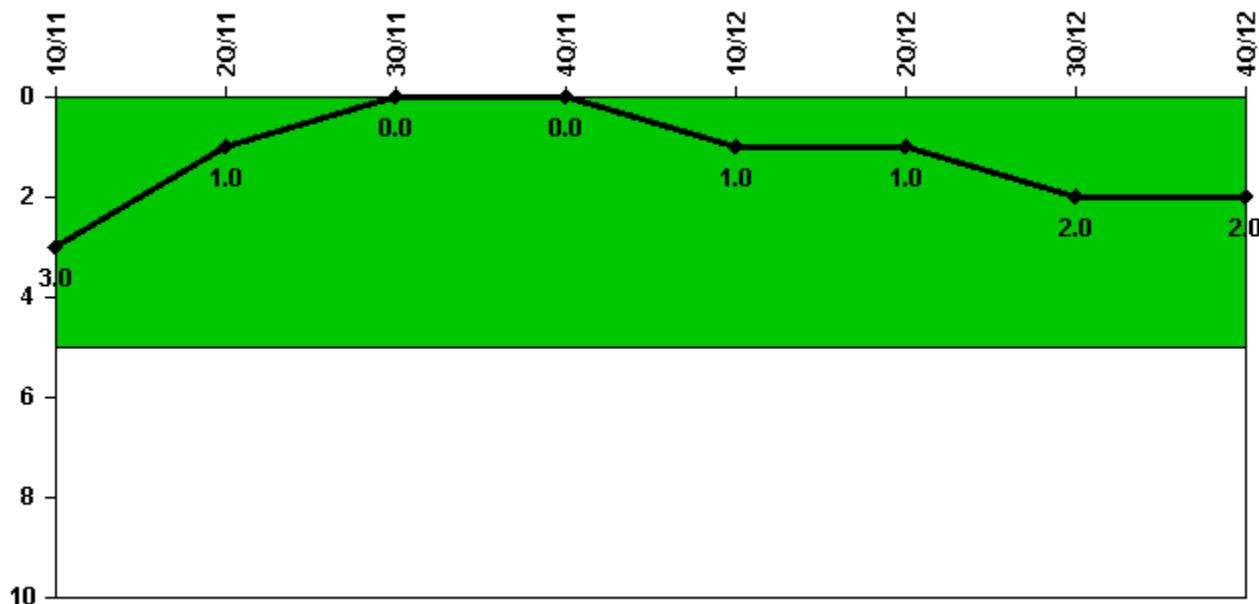
Notes

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	1.0	0	1.0	0	0	0
Indicator value	0.0	0.0	1.0	1.0	2.0	2.0	1.0	1.0

Licensee Comments:

1Q/12: FPL is submitting a FAQ concerning the March USwC. This data element may be changed based on the outcome of the FAQ.

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

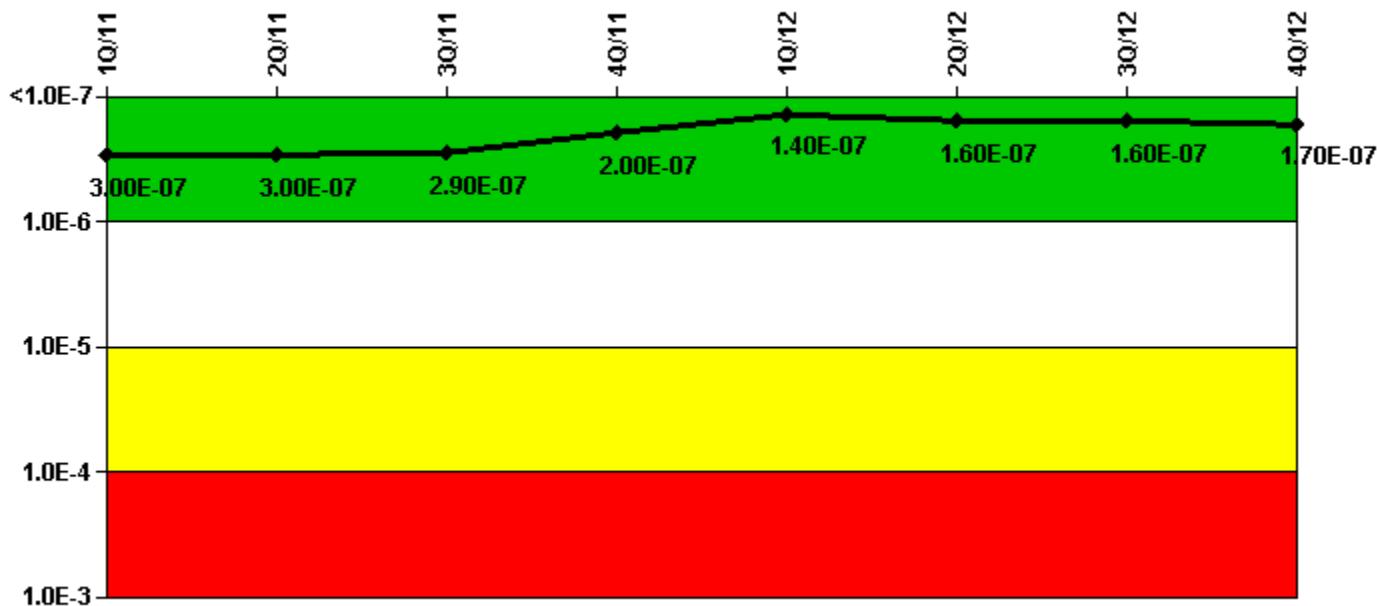
Notes

Safety System Functional Failures (PWR)	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Safety System Functional Failures	0	0	0	0	1	0	1	0
Indicator value	3	1	0	0	1	1	2	2

Licensee Comments:

3Q/12: August SSFF documented in LER 50-355/2012-007-00

1Q/12: Jan SSFF documented in LER 50-335/2011-003-00

Mitigating Systems Performance Index, Emergency AC Power System

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

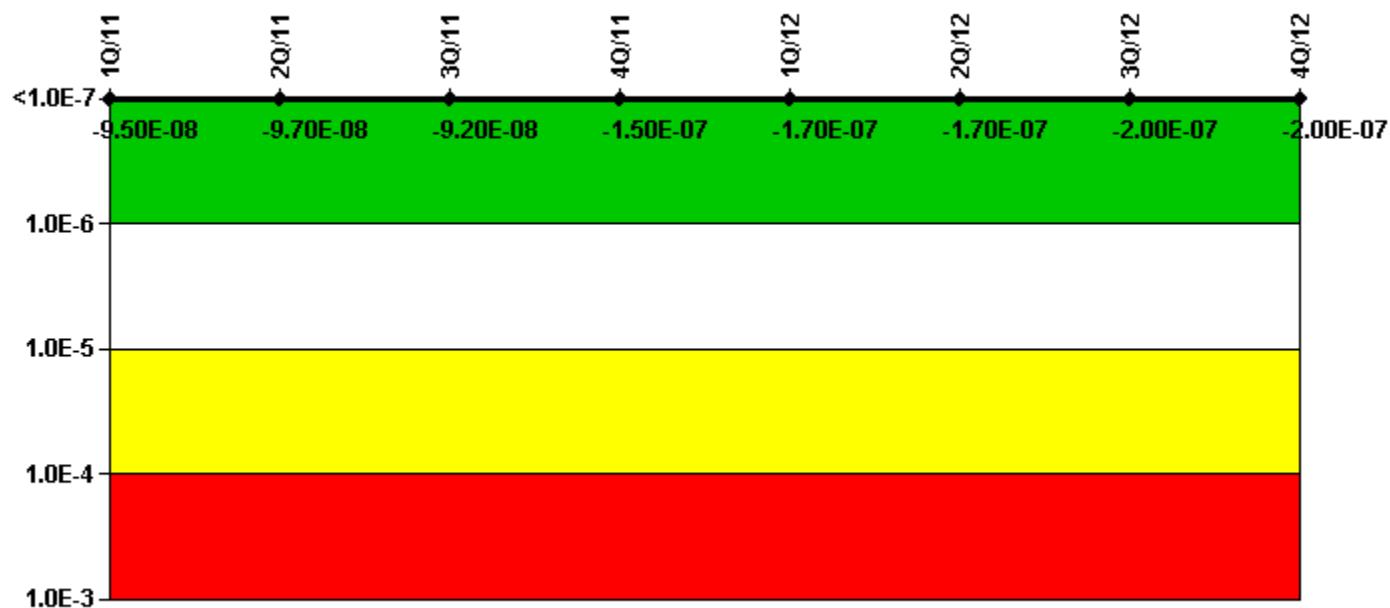
Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (Δ CDF)	6.19E-08	6.25E-08	5.39E-08	5.40E-08	4.63E-08	5.21E-08	7.22E-08	8.54E-08
URI (Δ CDF)	2.34E-07	2.34E-07	2.34E-07	1.46E-07	9.44E-08	1.12E-07	8.54E-08	8.58E-08
PLE	NO							
Indicator value	3.00E-07	3.00E-07	2.90E-07	2.00E-07	1.40E-07	1.60E-07	1.60E-07	1.70E-07

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, High Pressure Injection System



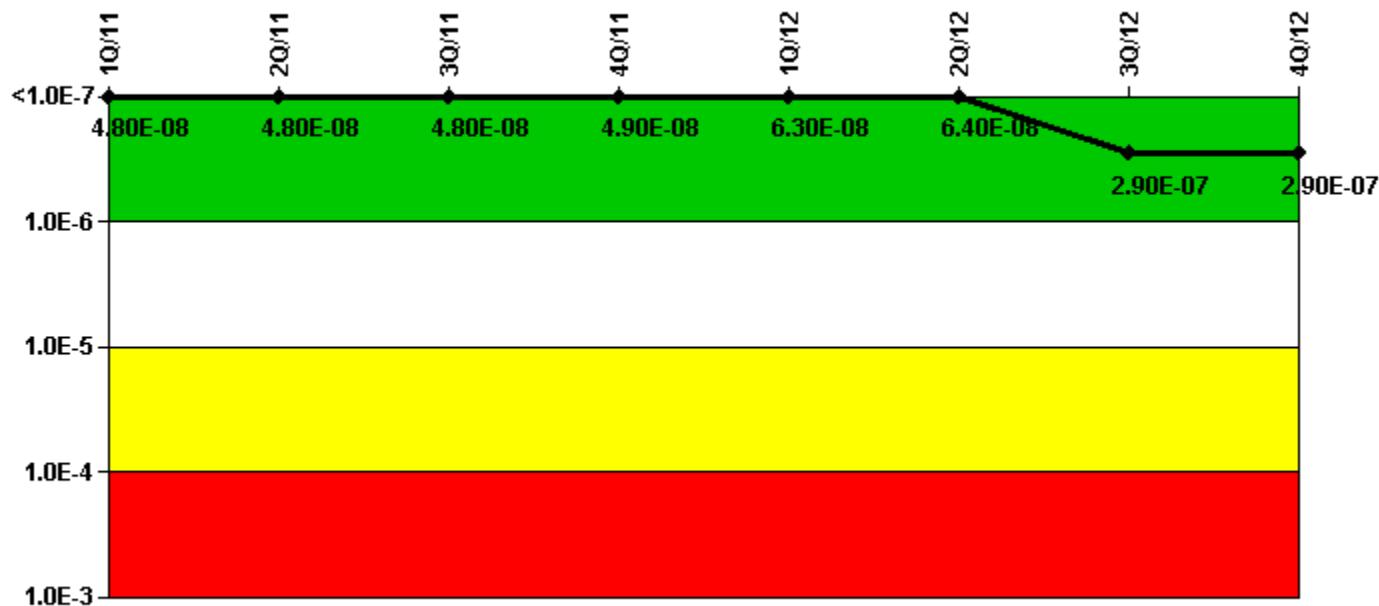
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (Δ CDF)	3.32E-08	3.09E-08	3.59E-08	-2.17E-08	-4.62E-08	-4.40E-08	-3.36E-08	-3.36E-08
URI (Δ CDF)	-1.28E-07	-1.28E-07	-1.28E-07	-1.28E-07	-1.28E-07	-1.28E-07	-1.63E-07	-1.63E-07
PLE	NO							
Indicator value	-9.50E-08	-9.70E-08	-9.20E-08	-1.50E-07	-1.70E-07	-1.70E-07	-2.00E-07	-2.00E-07

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System

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

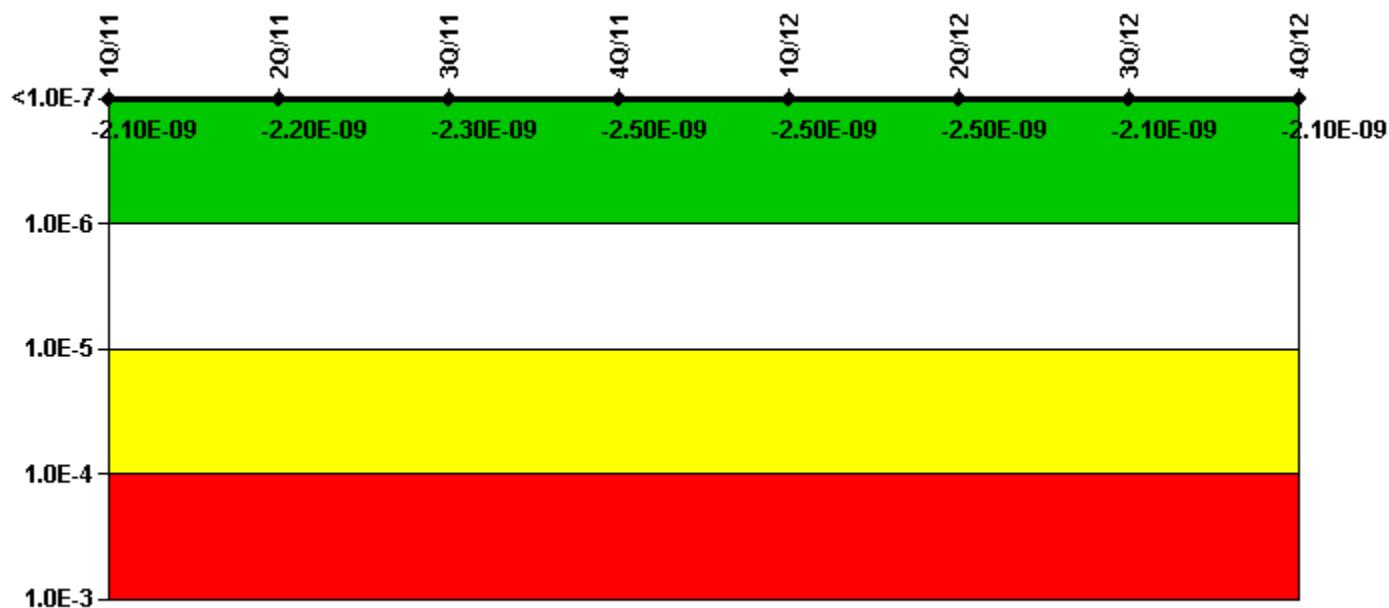
Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (Δ CDF)	7.16E-09	7.16E-09	7.14E-09	7.88E-09	9.09E-09	9.31E-09	1.45E-08	1.45E-08
URI (Δ CDF)	4.12E-08	4.12E-08	4.12E-08	4.12E-08	5.42E-08	5.42E-08	2.73E-07	2.73E-07
PLE	NO							
Indicator value	4.80E-08	4.80E-08	4.80E-08	4.90E-08	6.30E-08	6.40E-08	2.90E-07	2.90E-07

Licensee Comments:

3Q/12: Changed PRA Parameter(s). Q3 2012, Unit 1 AFW excluded MV-08-13 and MV-08-14 from scope due to low birnbaum, manual recovery action only. Unit 2 AFW excluded MV-09-13 and MV-09-14 from scope

Mitigating Systems Performance Index, Residual Heat Removal System



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

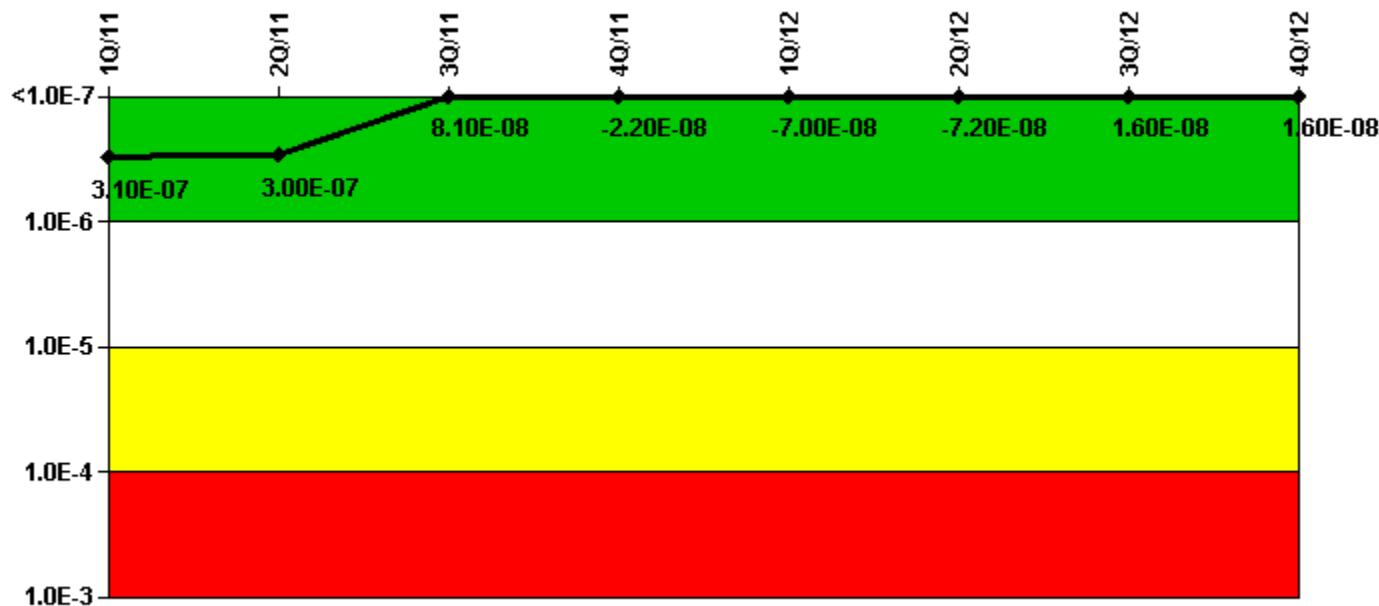
Notes

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 (Δ CDF)	1.29E-10	7.27E-11	-3.77E-11	-2.10E-10	-2.81E-10	-2.81E-10	-1.41E-10	-1.41E-10
URI (Δ CDF)	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09	-1.96E-09	-1.96E-09
PLE	NO							
Indicator value	-2.10E-09	-2.20E-09	-2.30E-09	-2.50E-09	-2.50E-09	-2.50E-09	-2.10E-09	-2.10E-09

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



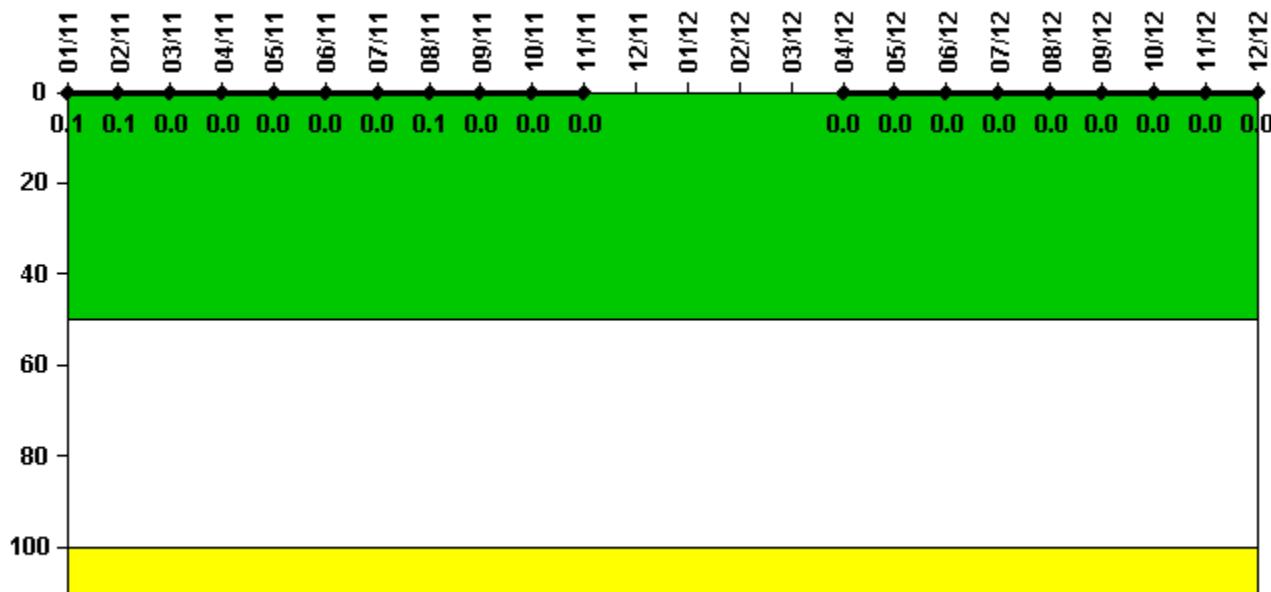
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (Δ CDF)	3.41E-07	3.38E-07	1.16E-07	1.32E-08	-3.42E-08	-3.60E-08	2.84E-08	2.85E-08
URI (Δ CDF)	-3.55E-08	-3.55E-08	-3.55E-08	-3.55E-08	-3.55E-08	-3.55E-08	-1.20E-08	-1.20E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.10E-07	3.00E-07	8.10E-08	-2.20E-08	-7.00E-08	-7.20E-08	1.60E-08	1.60E-08

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Reactor Coolant System Activity

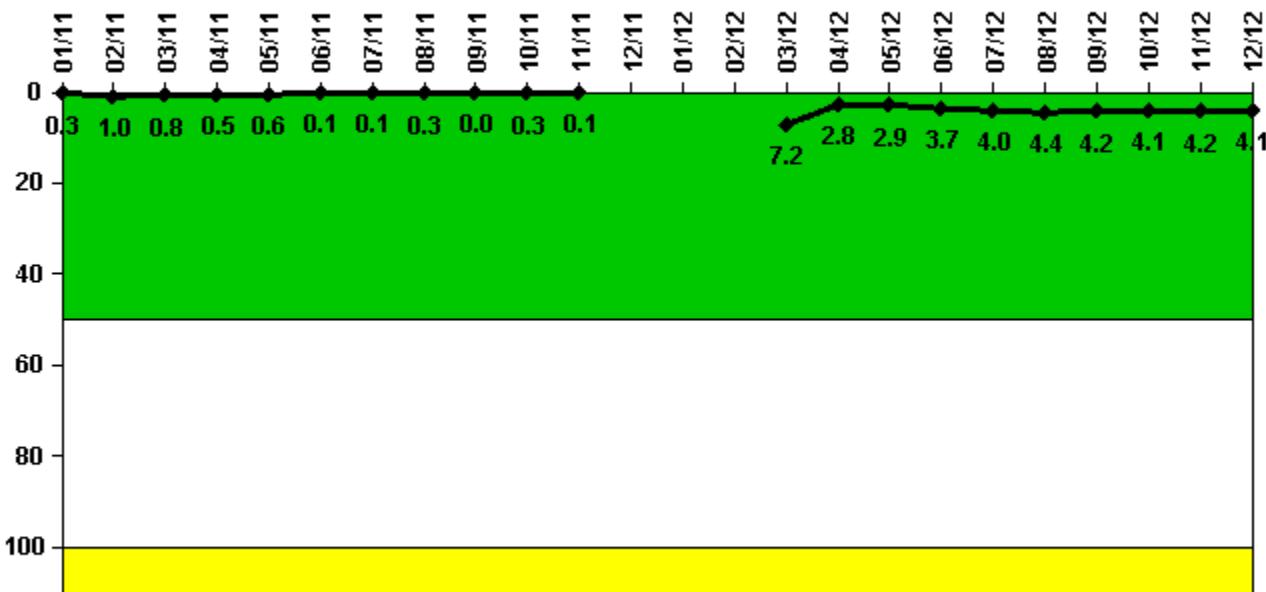
Thresholds: White > 50.0 Yellow > 100.0

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	0.0000590	0.0000612	0.0000355	0.0000362	0.0000395	0.0000398	0.0000351	0.0000572	0.0000376	0.0000417	0.0000379	N/A
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0	0	0	0	0	0.1	0	0	0	N/A
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	N/A	N/A	N/A	0.000031	0.000115	0.000194	0.000221	0.000293	0.000323	0.000429	0.000299	0.000304
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	N/A	N/A	N/A	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage

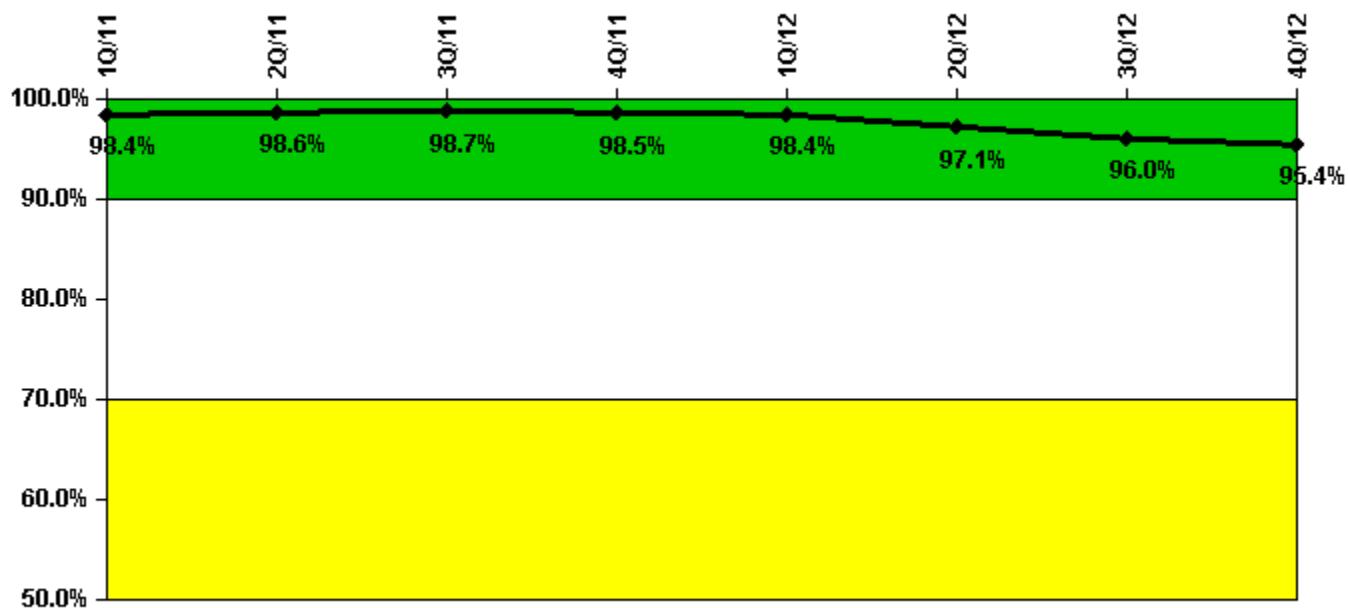


Thresholds: White > 50.0 Yellow > 100.0

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	0.030	0.100	0.080	0.050	0.060	0.010	0.009	0.025	0.004	0.030	0.005	N/A
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	1.0	0.8	0.5	0.6	0.1	0.1	0.3	0	0.3	0.1	N/A
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	N/A	N/A	0.720	0.275	0.285	0.369	0.398	0.443	0.423	0.410	0.420	0.410
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	N/A	N/A	7.2	2.8	2.9	3.7	4.0	4.4	4.2	4.1	4.2	4.1

Licensee Comments: none

Drill/Exercise Performance

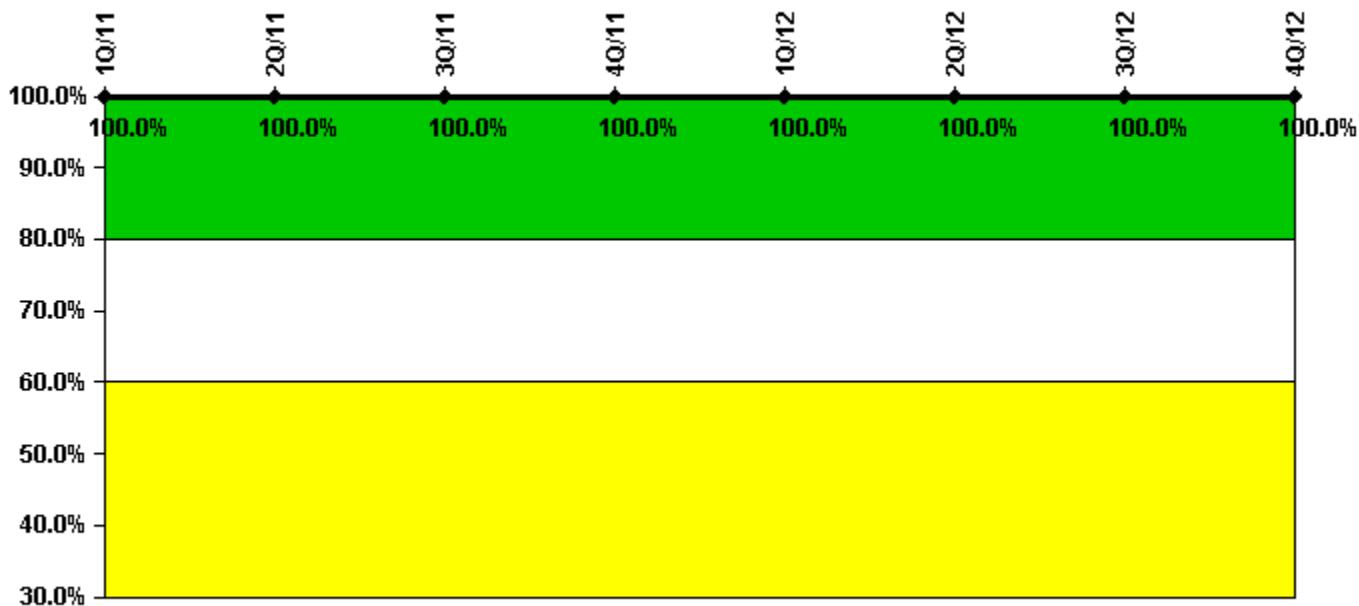
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Successful opportunities	0	69.0	92.0	9.0	0	69.0	49.0	0
Total opportunities	0	69.0	94.0	10.0	0	75.0	54.0	0
Indicator value	98.4%	98.6%	98.7%	98.5%	98.4%	97.1%	96.0%	95.4%

Licensee Comments:

3Q/11: Correction made for 3Q/2011 Successful/Total Drill Exercise & Event Opportunities

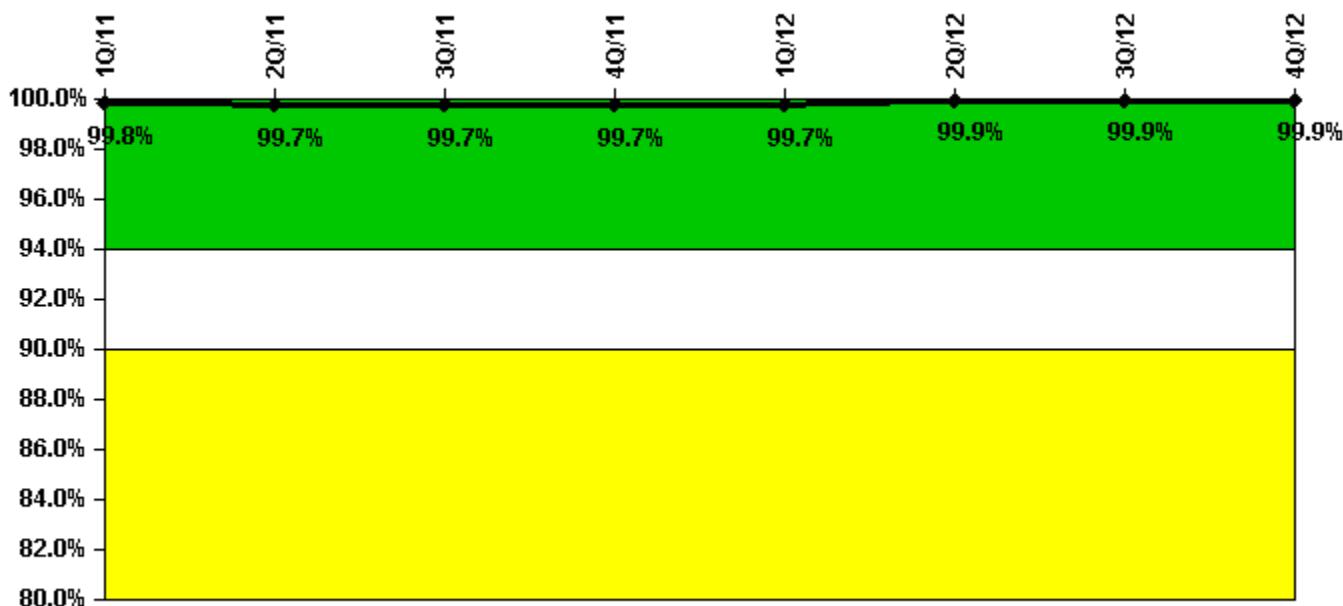
ERO Drill Participation

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	83.0	88.0	105.0	95.0	93.0	94.0	93.0	93.0
Total Key personnel	83.0	88.0	105.0	95.0	93.0	94.0	93.0	93.0
Indicator value	100.0%							

Licensee Comments: none

Alert & Notification System

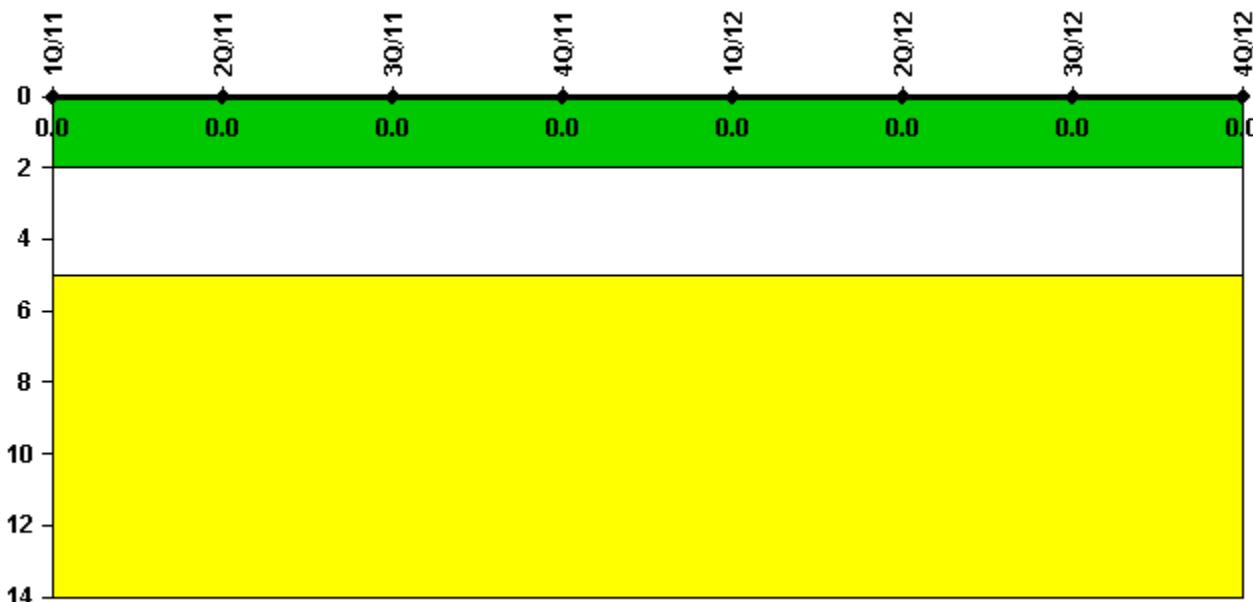
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Successful siren-tests	630	715	629	719	628	720	630	720
Total sirens-tests	630	720	630	720	630	720	630	720
Indicator value	99.8%	99.7%	99.7%	99.7%	99.7%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness

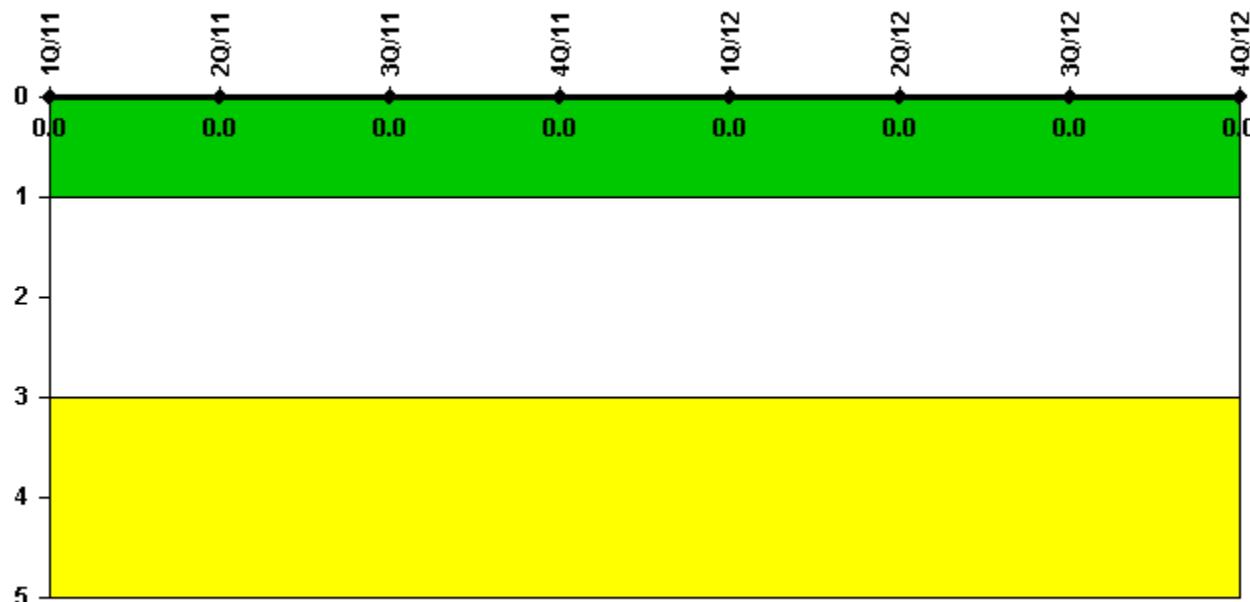


Thresholds: White > 2.0 Yellow > 5.0

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
Indicator value	0							

Licensee Comments: none

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
Indicator value	0							

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.



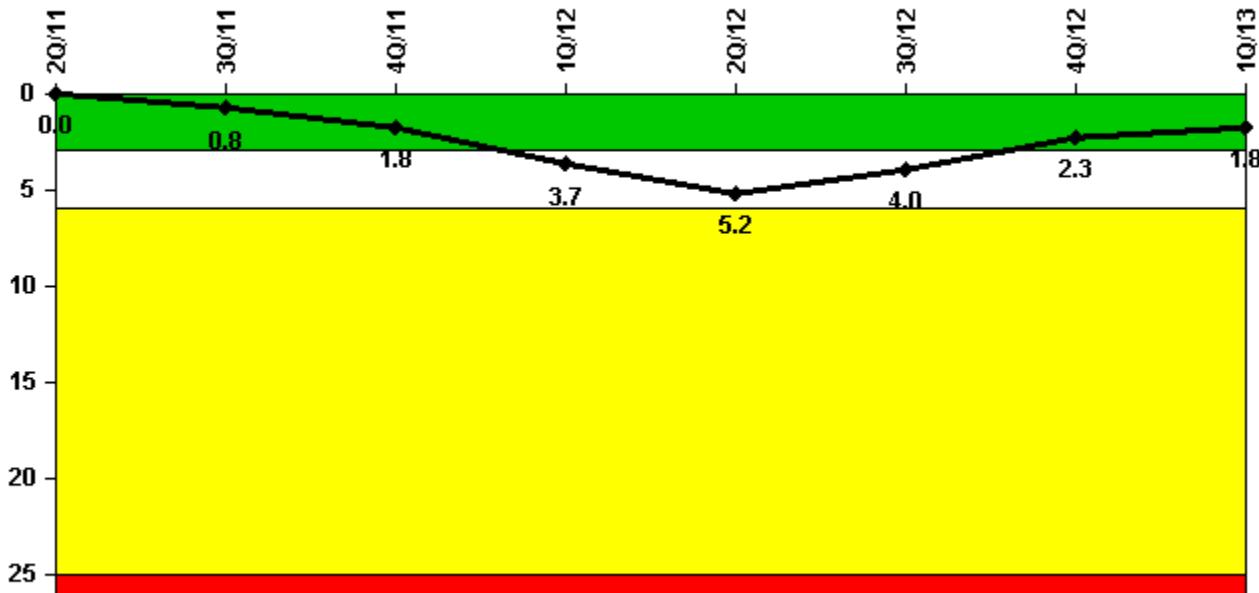
[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Saint Lucie 1

1Q/2013 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



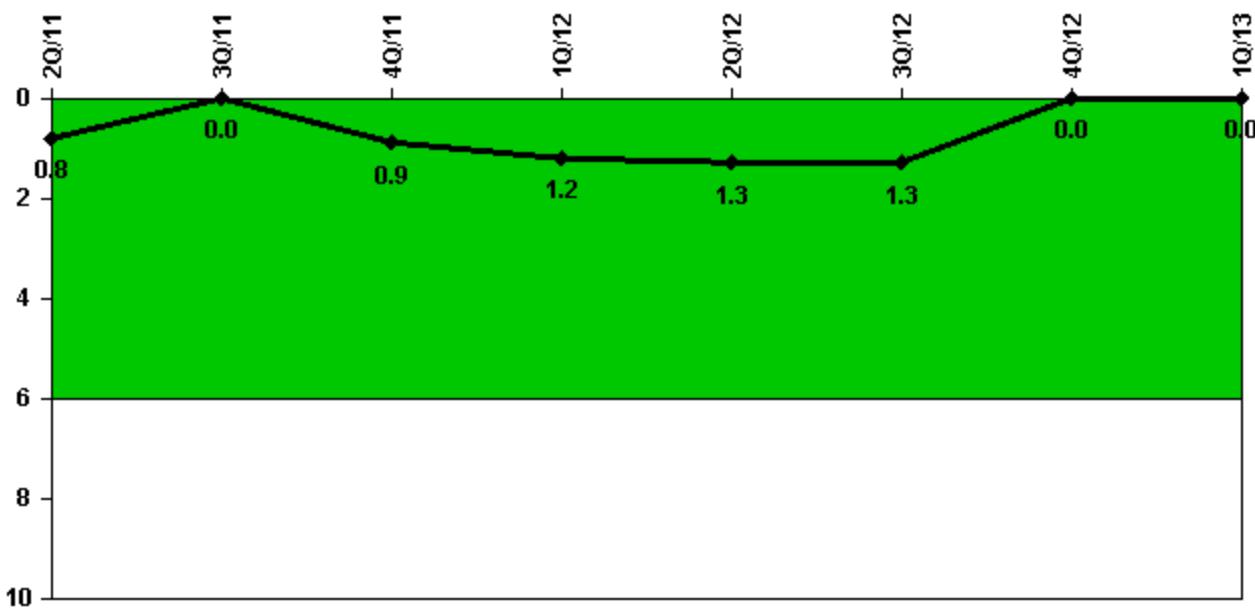
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	1.0	1.0	1.0	0	0	1.0
Critical hours	2184.0	2123.2	1295.7	70.9	1845.5	2080.6	2209.0	1698.6
Indicator value	0	0.8	1.8	3.7	5.2	4.0	2.3	1.8

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



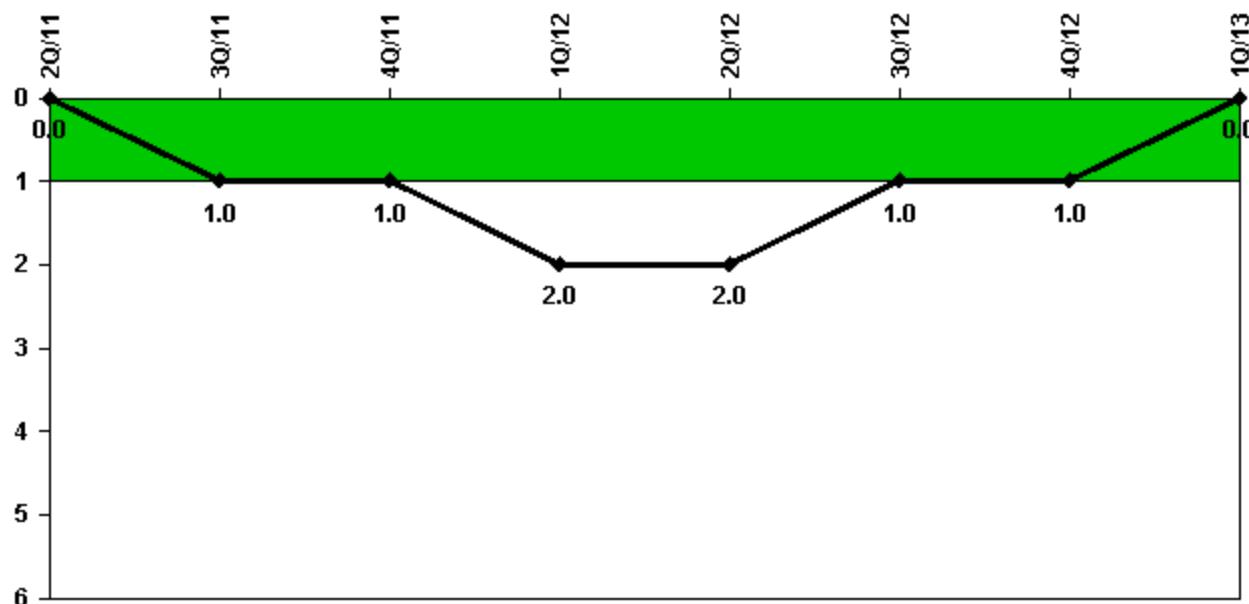
Thresholds: White > 6.0

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	1.0	0	0	0	0	0
Critical hours	2184.0	2123.2	1295.7	70.9	1845.5	2080.6	2209.0	1698.6
Indicator value	0.8	0	0.9	1.2	1.3	1.3	0	0

Licensee Comments: none

Unplanned Scrams with Complications



Thresholds: White > 1.0

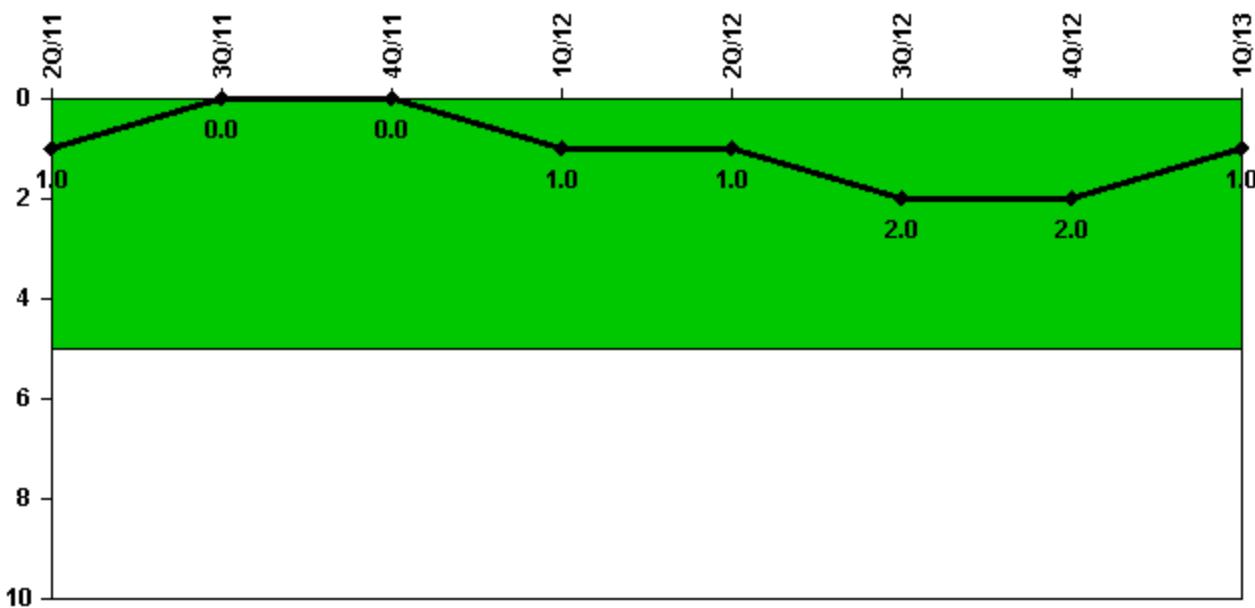
Notes

Unplanned Scrams with Complications	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Scrams with complications	0	1.0	0	1.0	0	0	0	0
Indicator value	0.0	1.0	1.0	2.0	2.0	1.0	1.0	0.0

Licensee Comments:

1Q/12: FPL is submitting a FAQ concerning the March USwC. This data element may be changed based on the outcome of the FAQ.

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

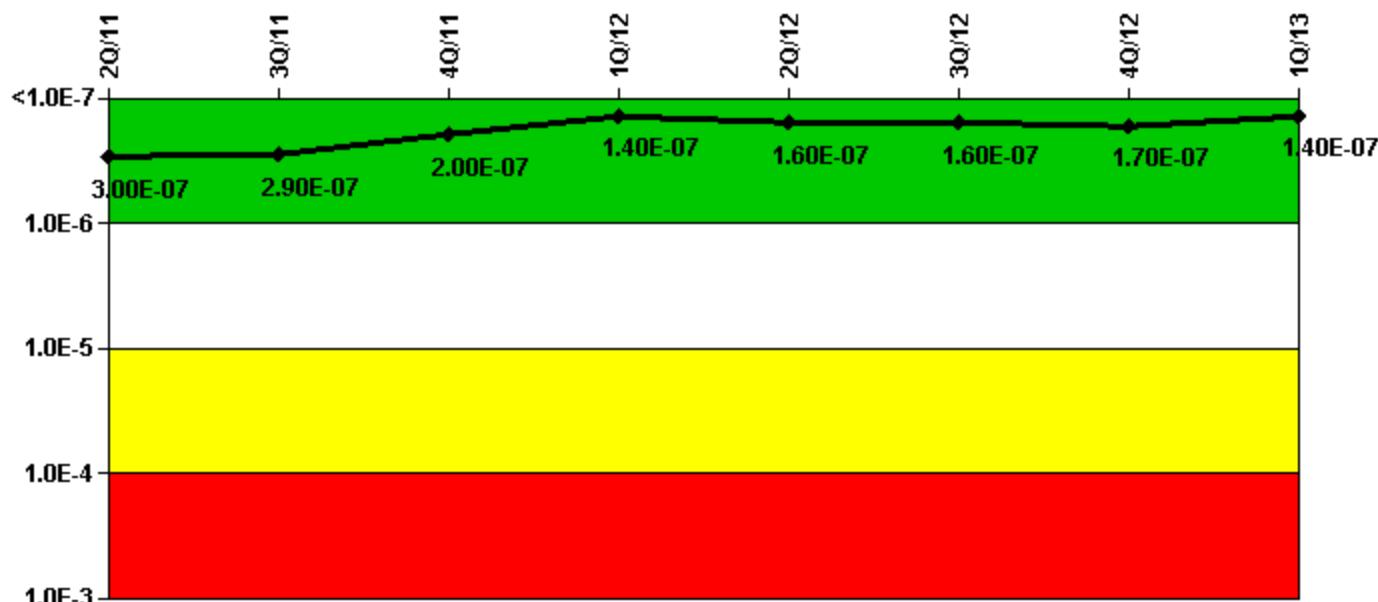
Safety System Functional Failures (PWR)	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Safety System Functional Failures	0	0	0	1	0	1	0	0
Indicator value	1	0	0	1	1	2	2	1

Licensee Comments:

3Q/12: August SSFF documented in LER 50-355/2012-007-00

1Q/12: Jan SSFF documented in LER 50-335/2011-003-00

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/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
UAI (Δ CDF)	6.25E-08	5.39E-08	5.40E-08	4.63E-08	5.21E-08	7.22E-08	8.54E-08	8.64E-08
URI (Δ CDF)	2.34E-07	2.34E-07	1.46E-07	9.44E-08	1.12E-07	8.54E-08	8.58E-08	5.02E-08
PLE	NO							
Indicator value	3.00E-07	2.90E-07	2.00E-07	1.40E-07	1.60E-07	1.60E-07	1.70E-07	1.40E-07

Licensee Comments:

3Q/12: 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

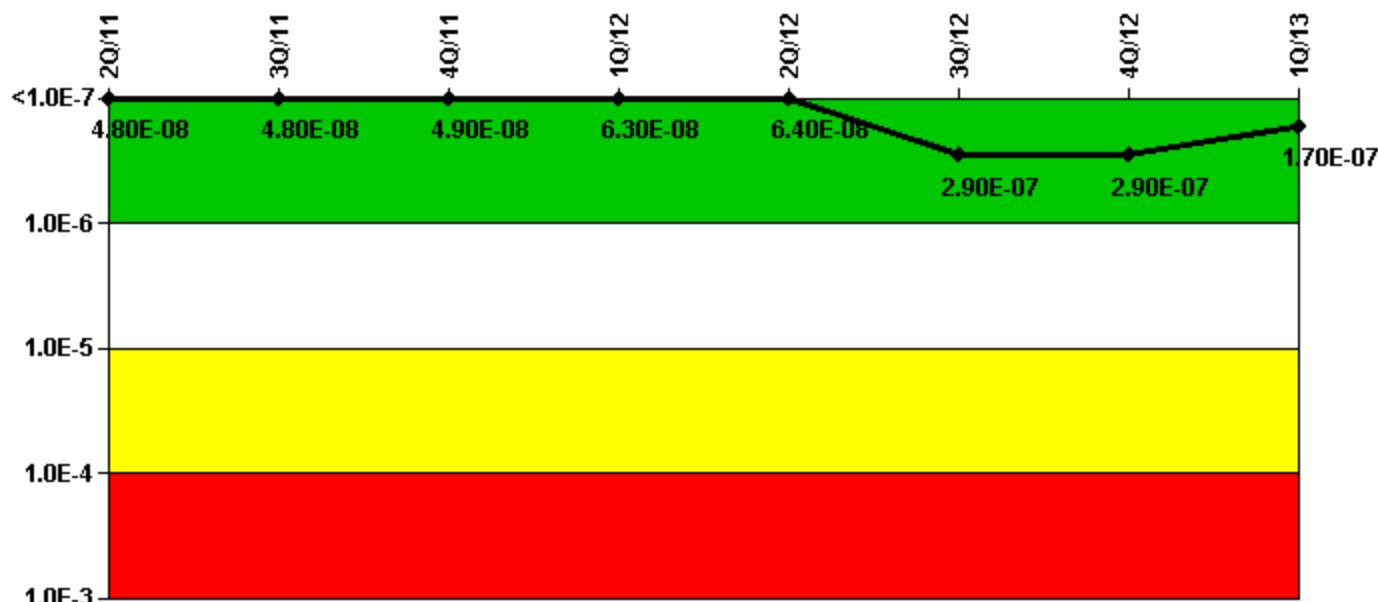
Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
UAI (Δ CDF)	3.09E-08	3.59E-08	-2.17E-08	-4.62E-08	-4.40E-08	-3.36E-08	-3.36E-08	-3.36E-08
URI (Δ CDF)	-1.28E-07	-1.28E-07	-1.28E-07	-1.28E-07	-1.28E-07	-1.63E-07	-1.63E-07	-1.63E-07
PLE	NO							
Indicator value	-9.70E-08	-9.20E-08	-1.50E-07	-1.70E-07	-1.70E-07	-2.00E-07	-2.00E-07	-2.00E-07

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



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

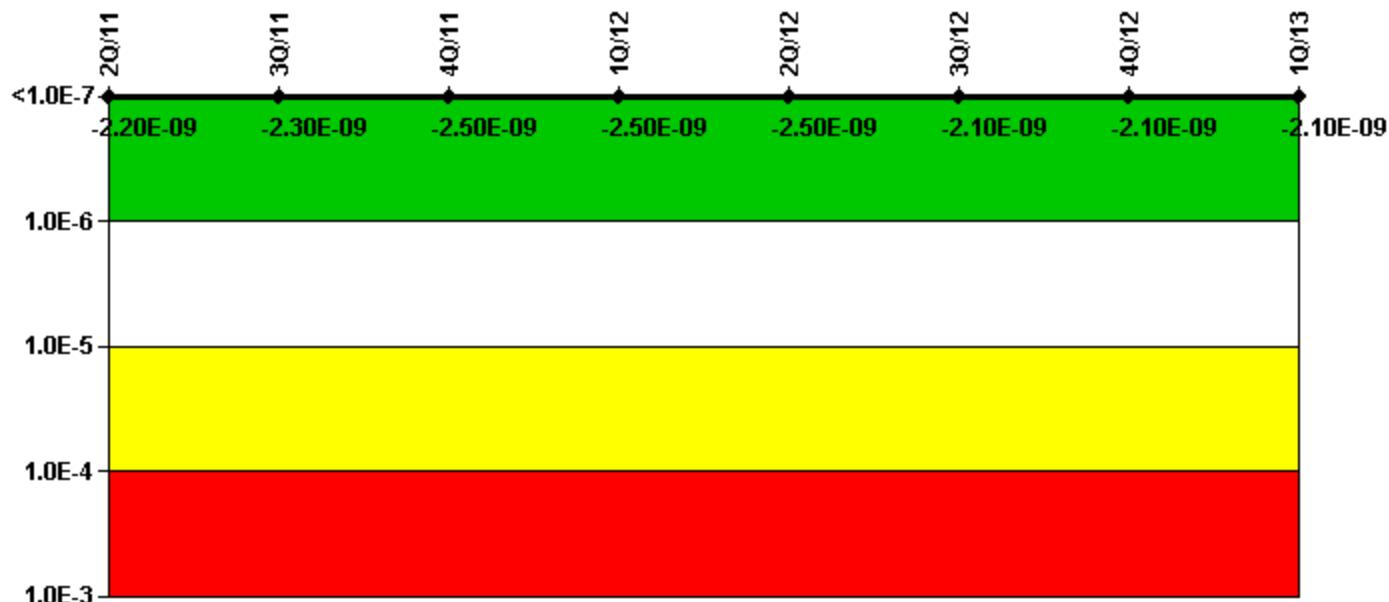
Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
UAI (Δ CDF)	7.16E-09	7.14E-09	7.88E-09	9.09E-09	9.31E-09	1.45E-08	1.45E-08	1.15E-08
URI (Δ CDF)	4.12E-08	4.12E-08	4.12E-08	5.42E-08	5.42E-08	2.73E-07	2.73E-07	1.56E-07
PLE	NO							
Indicator value	4.80E-08	4.80E-08	4.90E-08	6.30E-08	6.40E-08	2.90E-07	2.90E-07	1.70E-07

Licensee Comments:

3Q/12: Changed PRA Parameter(s). Q3 2012, Unit 1 AFW excluded MV-08-13 and MV-08-14 from scope due to low birnbaum, manual recovery action only. Unit 2 AFW excluded MV-09-13 and MV-09-14 from scope

Mitigating Systems Performance Index, Residual Heat Removal System



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

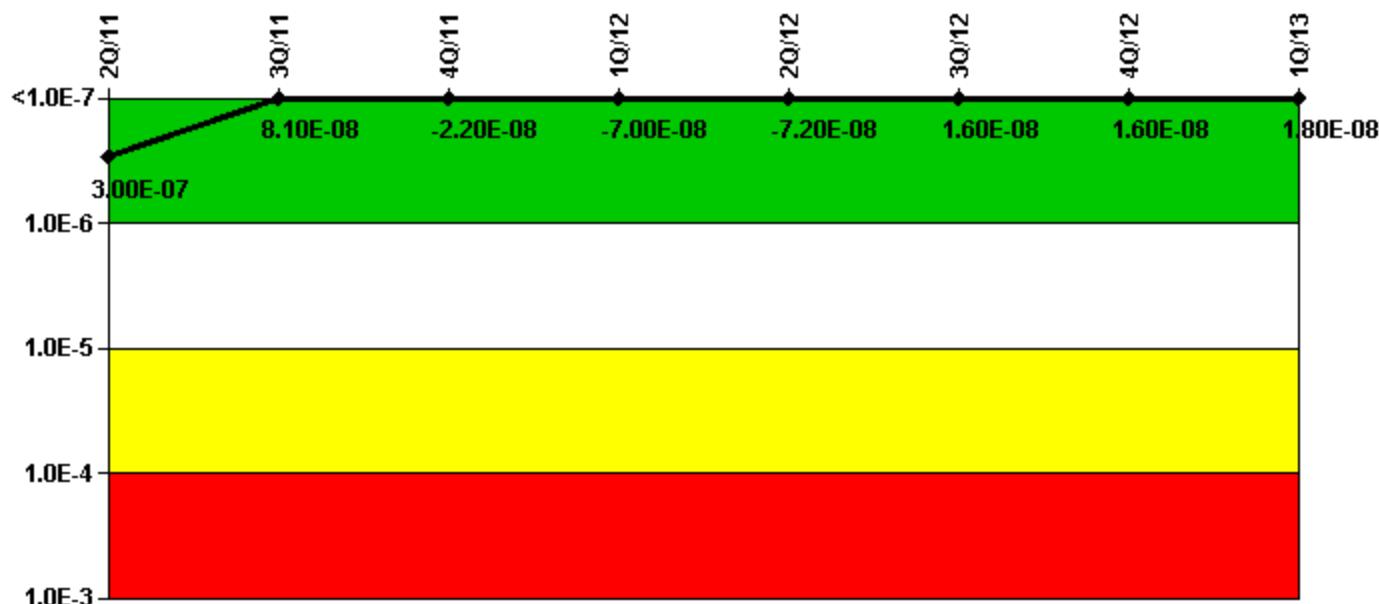
Notes

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 (Δ CDF)	7.27E-11	-3.77E-11	-2.10E-10	-2.81E-10	-2.81E-10	-1.41E-10	-1.41E-10	-1.41E-10
URI (Δ CDF)	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09	-1.96E-09	-1.96E-09	-1.96E-09
PLE	NO							
Indicator value	-2.20E-09	-2.30E-09	-2.50E-09	-2.50E-09	-2.50E-09	-2.10E-09	-2.10E-09	-2.10E-09

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



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

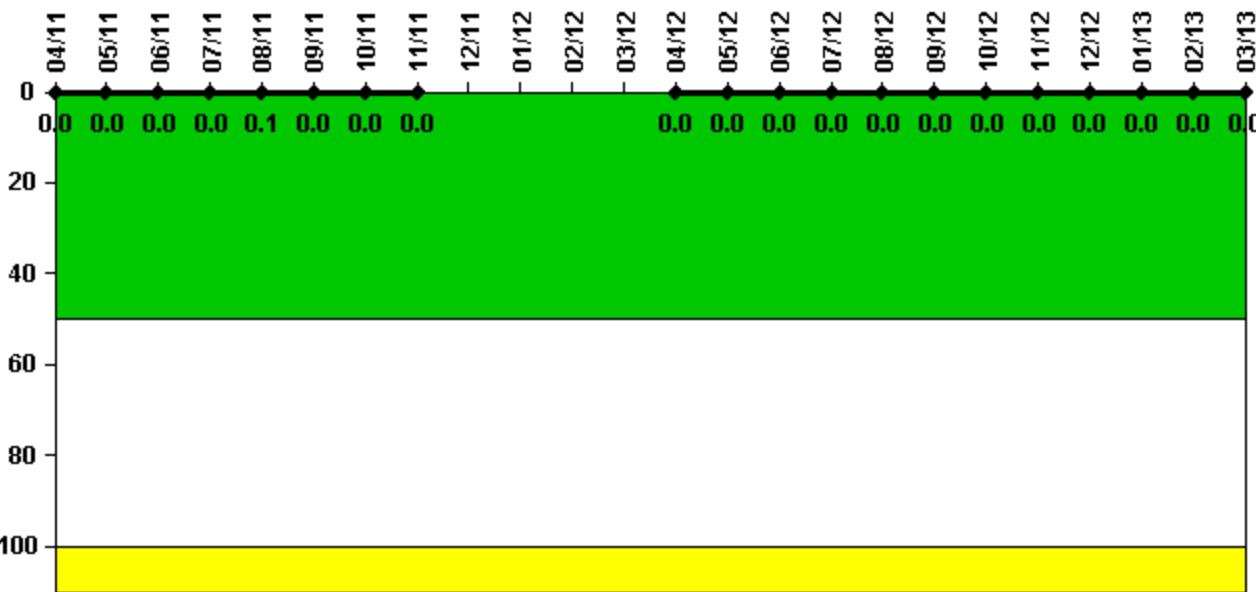
Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
UAI (Δ CDF)	3.38E-07	1.16E-07	1.32E-08	-3.42E-08	-3.60E-08	2.84E-08	2.85E-08	2.98E-08
URI (Δ CDF)	-3.55E-08	-3.55E-08	-3.55E-08	-3.55E-08	-3.55E-08	-1.20E-08	-1.20E-08	-1.20E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.00E-07	8.10E-08	-2.20E-08	-7.00E-08	-7.20E-08	1.60E-08	1.60E-08	1.80E-08

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Reactor Coolant System Activity



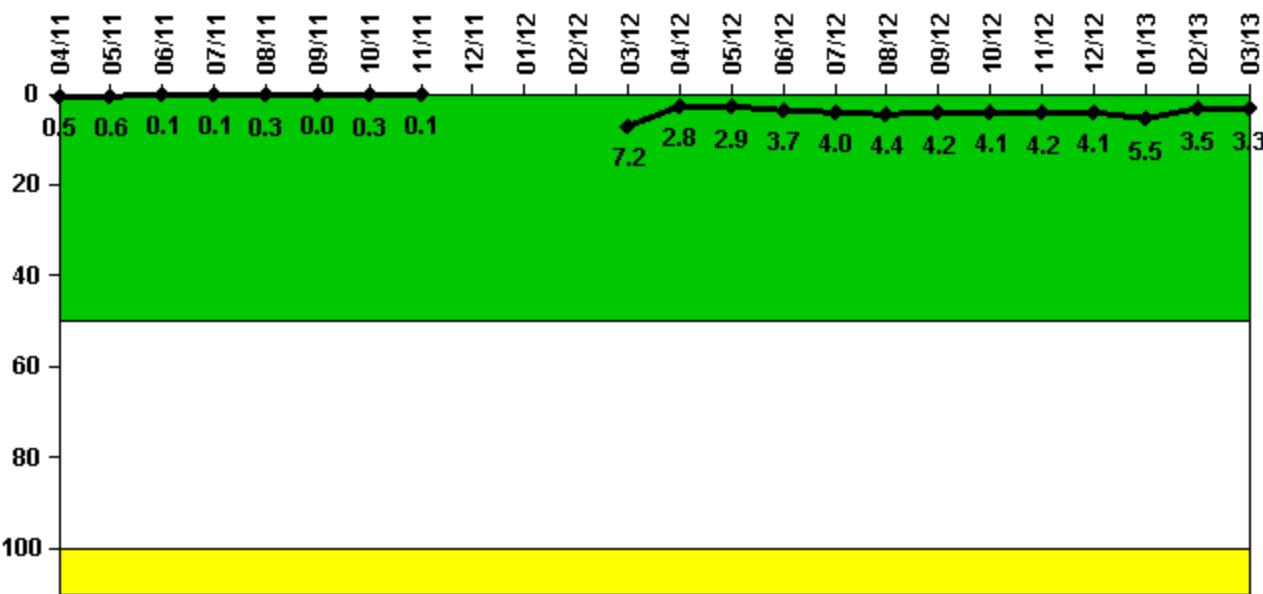
Thresholds: White > 50.0 Yellow > 100.0

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		0.000362	0.000395	0.000398	0.000351	0.000572	0.000376	0.000417	0.000379	N/A	N/A	N/A	N/A
Technical specification limit		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value		0	0	0	0	0.1	0	0	0	N/A	N/A	N/A	N/A
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		0.000031	0.000115	0.000194	0.000221	0.000293	0.000323	0.000429	0.000299	0.000304	0.000329	0.000310	0.000324
Technical specification limit		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value		0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

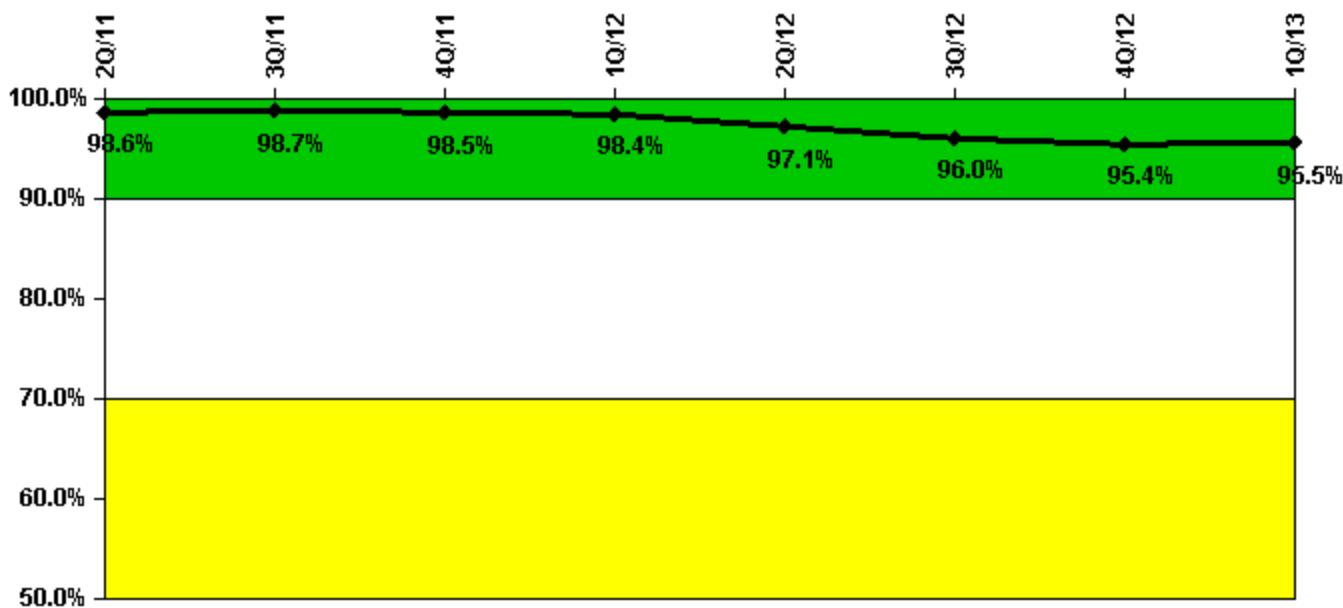
Notes

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	0.050	0.060	0.010	0.009	0.025	0.004	0.030	0.005	N/A	N/A	N/A	0.720
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	0.6	0.1	0.1	0.3	0	0.3	0.1	N/A	N/A	N/A	7.2

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	0.275	0.285	0.369	0.398	0.443	0.423	0.410	0.420	0.410	0.551	0.346	0.329
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.8	2.9	3.7	4.0	4.4	4.2	4.1	4.2	4.1	5.5	3.5	3.3

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

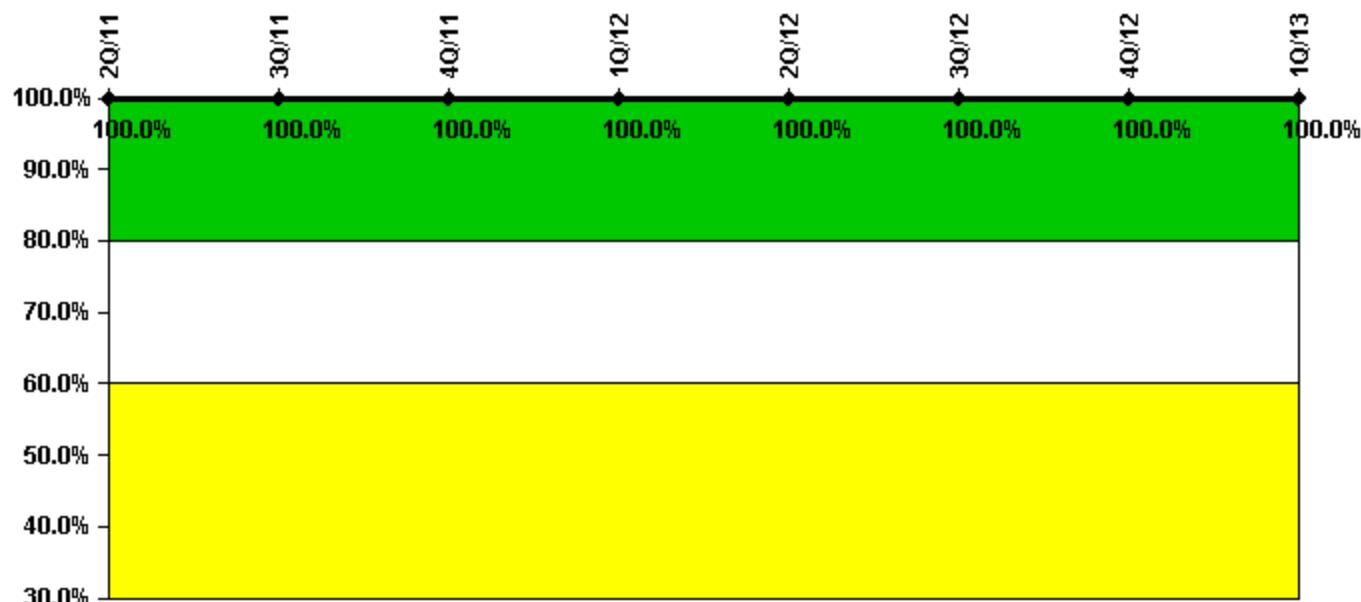
Notes

Drill/Exercise Performance	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Successful opportunities	69.0	92.0	9.0	0	69.0	49.0	0	95.0
Total opportunities	69.0	94.0	10.0	0	75.0	54.0	0	99.0
Indicator value	98.6%	98.7%	98.5%	98.4%	97.1%	96.0%	95.4%	95.5%

Licensee Comments:

3Q/11: Correction made for 3Q/2011 Successful/Total Drill Exercise & Event Opportunities

ERO Drill Participation



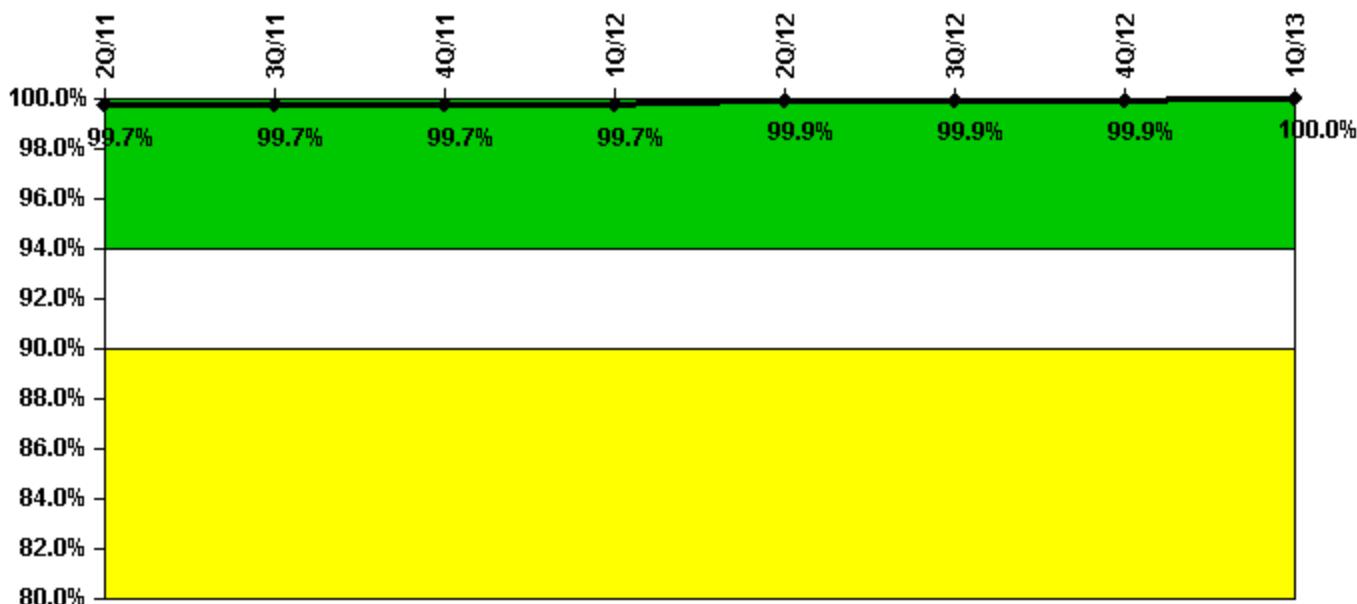
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Participating Key personnel	88.0	105.0	95.0	93.0	94.0	93.0	93.0	106.0
Total Key personnel	88.0	105.0	95.0	93.0	94.0	93.0	93.0	106.0
Indicator value	100.0%							

Licensee Comments: none

Alert & Notification System



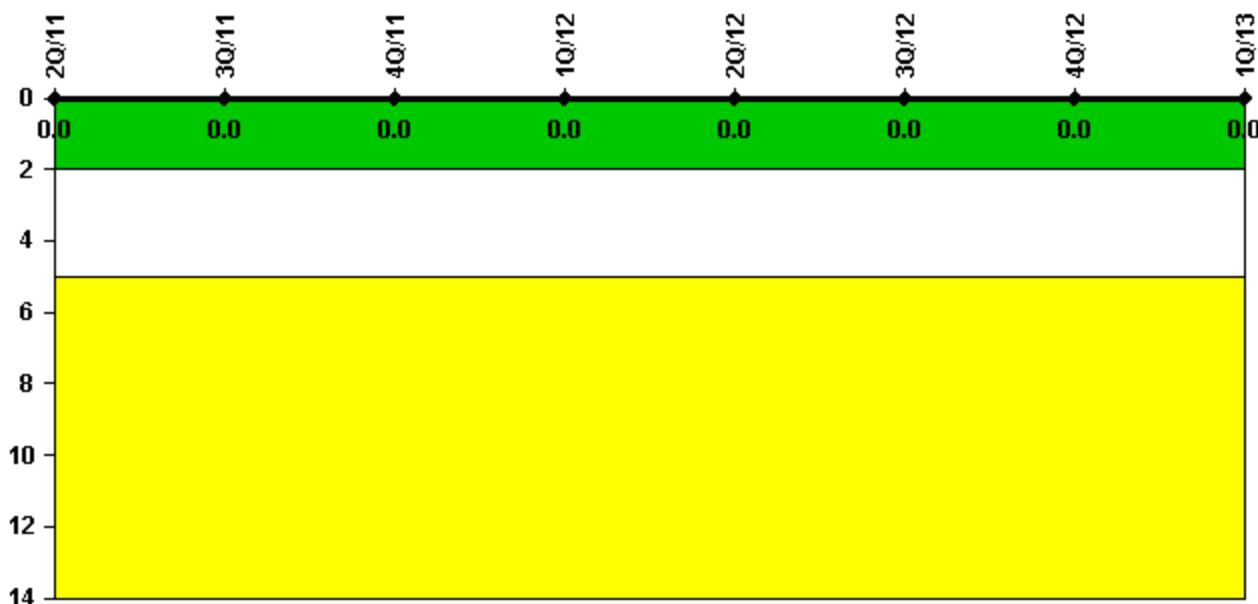
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Successful siren-tests	715	629	719	628	720	630	720	629
Total sirens-tests	720	630	720	630	720	630	720	630
Indicator value	99.7%	99.7%	99.7%	99.7%	99.9%	99.9%	99.9%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



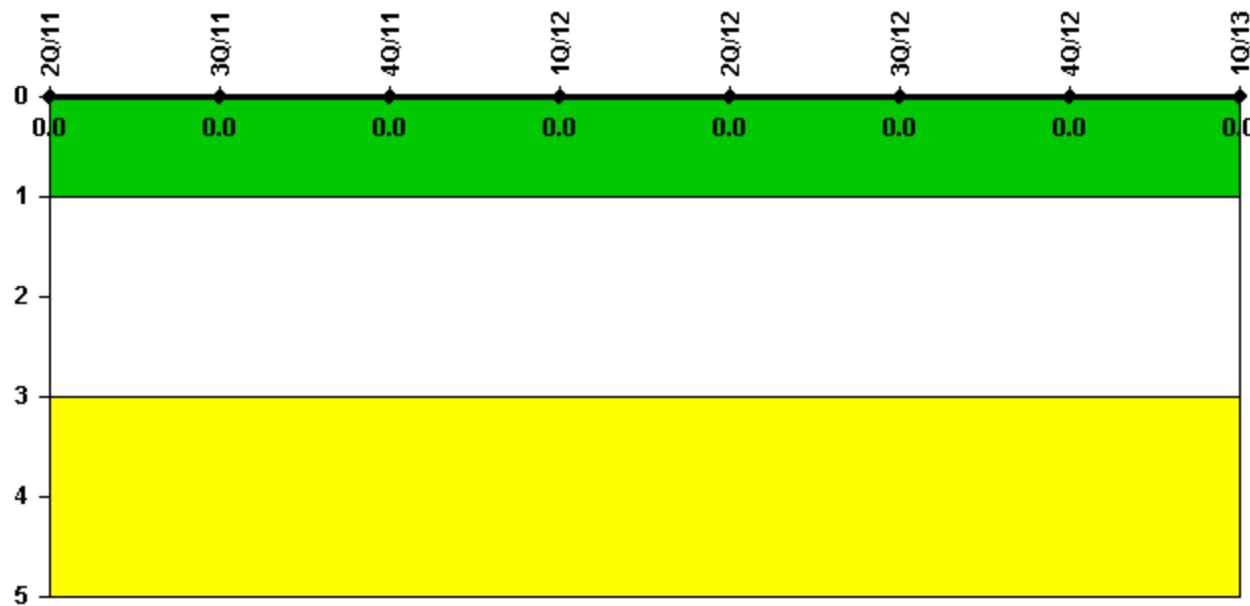
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/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
Indicator value	0							

Licensee Comments: none

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
Indicator value	0							

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: April 23, 2013

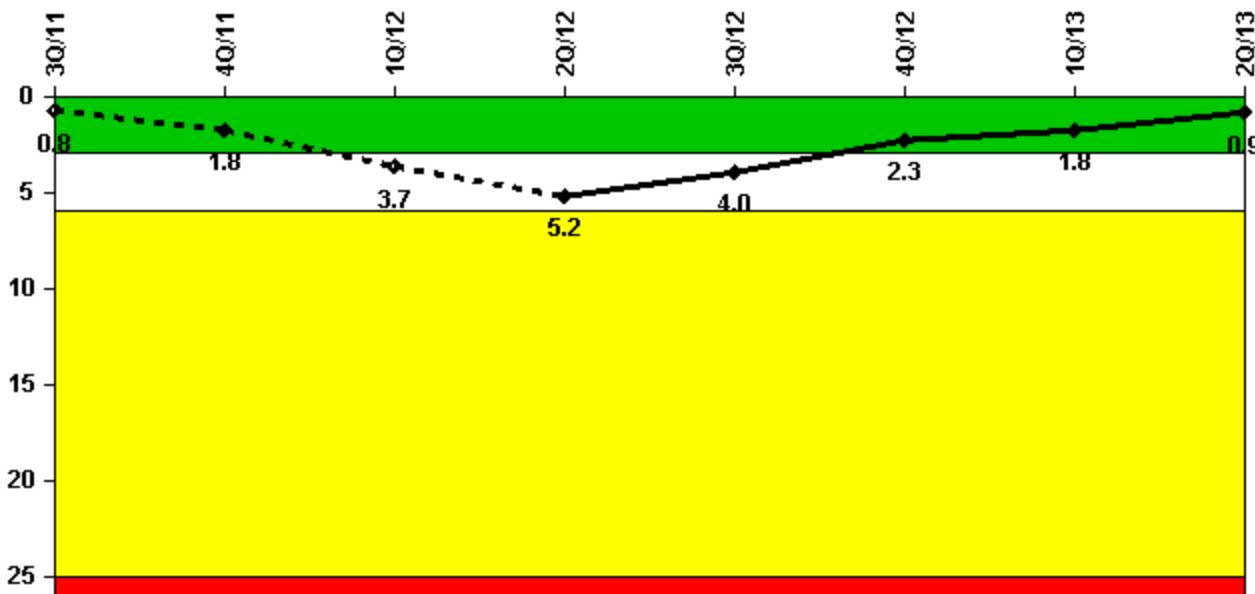
Saint Lucie 1

2Q/2013 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



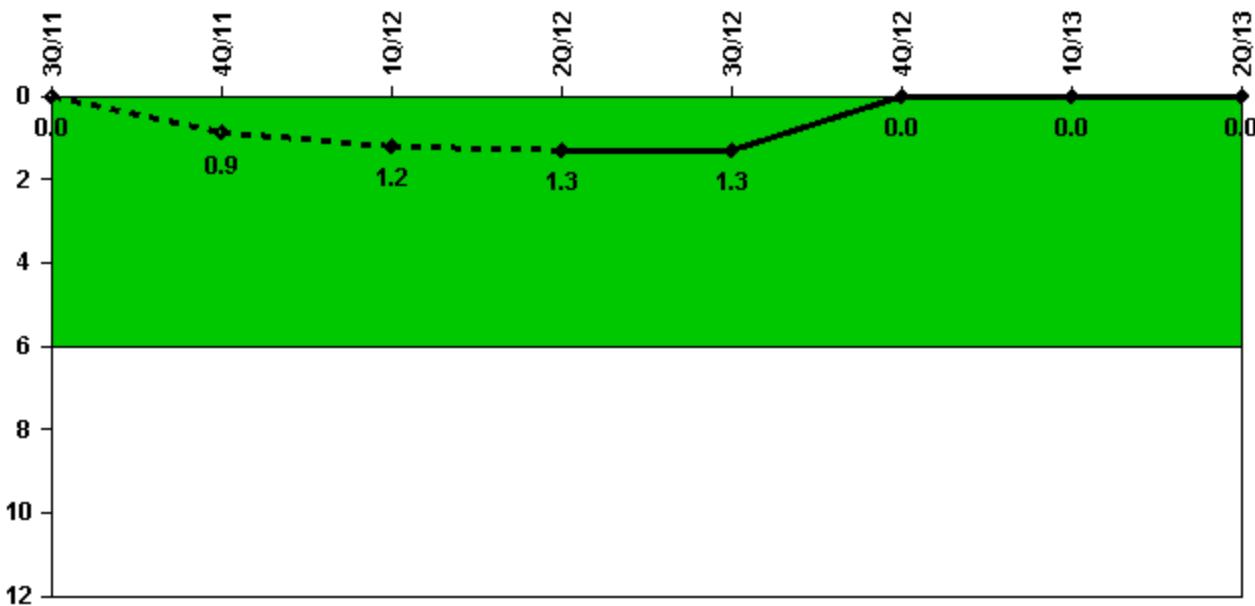
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	1.0	1.0	1.0	0	0	1.0	0
Critical hours	2123.2	1295.7	70.9	1845.5	2080.6	2209.0	1698.6	2184.0
Indicator value	0.8	1.8	3.7	5.2	4.0	2.3	1.8	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



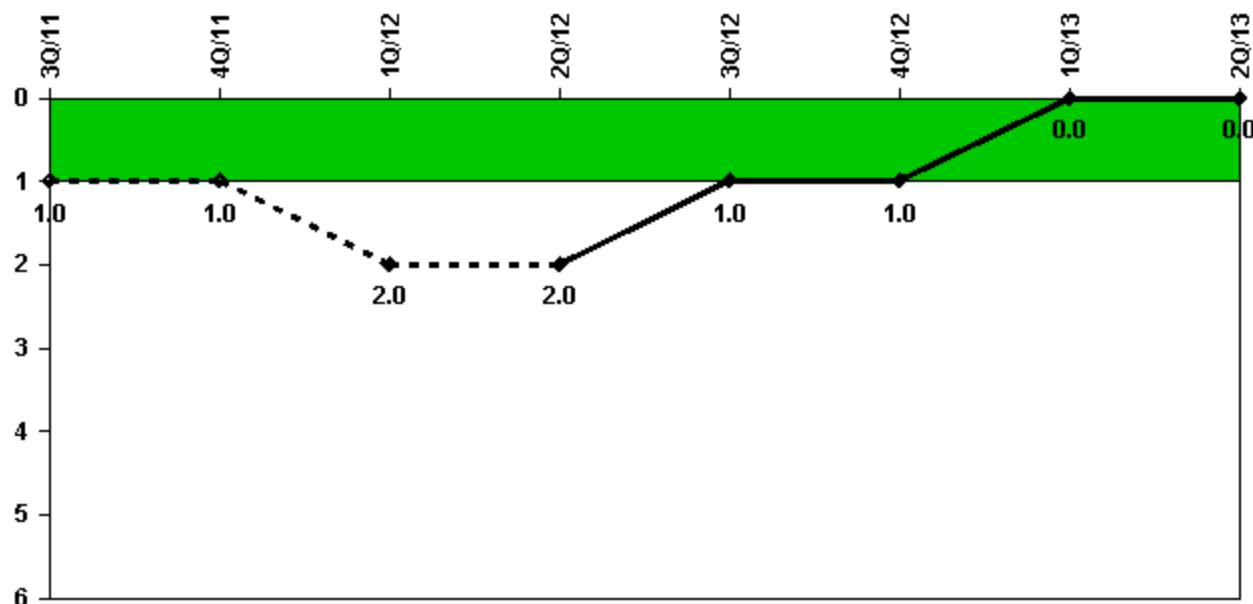
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Unplanned power changes	0	1.0	0	0	0	0	0	0
Critical hours	2123.2	1295.7	70.9	1845.5	2080.6	2209.0	1698.6	2184.0
Indicator value	0	0.9	1.2	1.3	1.3	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



Thresholds: White > 1.0

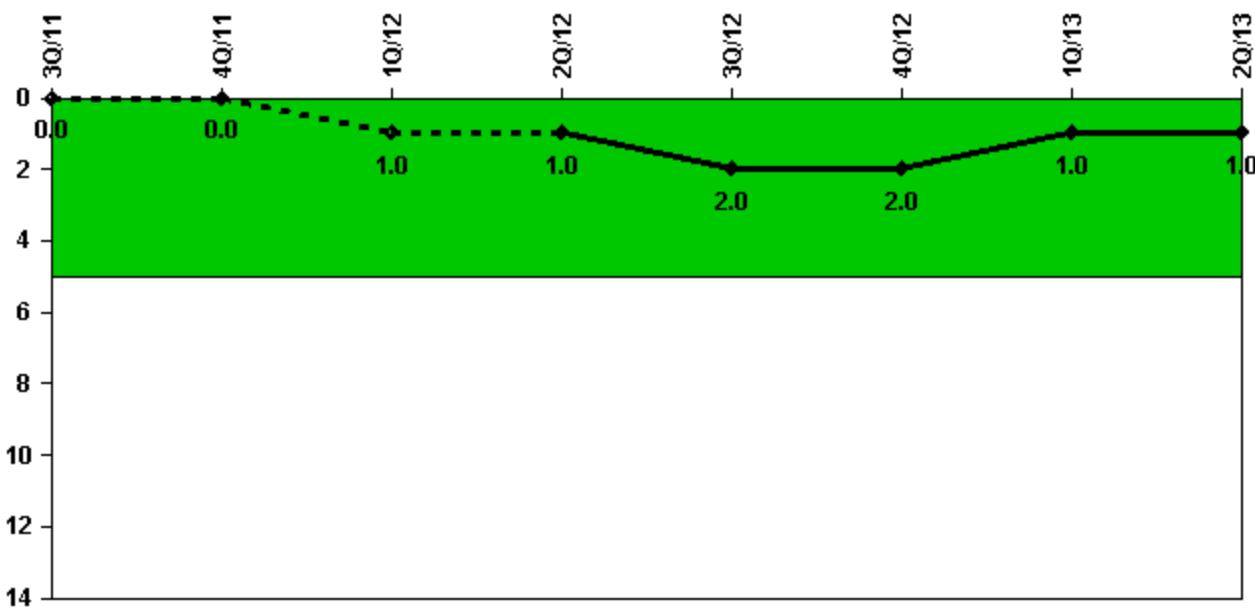
Notes

Unplanned Scrams with Complications	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Scrams with complications	1.0	0	1.0	0	0	0	0	0
Indicator value	1.0	1.0	2.0	2.0	1.0	1.0	0.0	0.0

Licensee Comments:

1Q/12: FPL is submitting a FAQ concerning the March USwC. This data element may be changed based on the outcome of the FAQ.

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

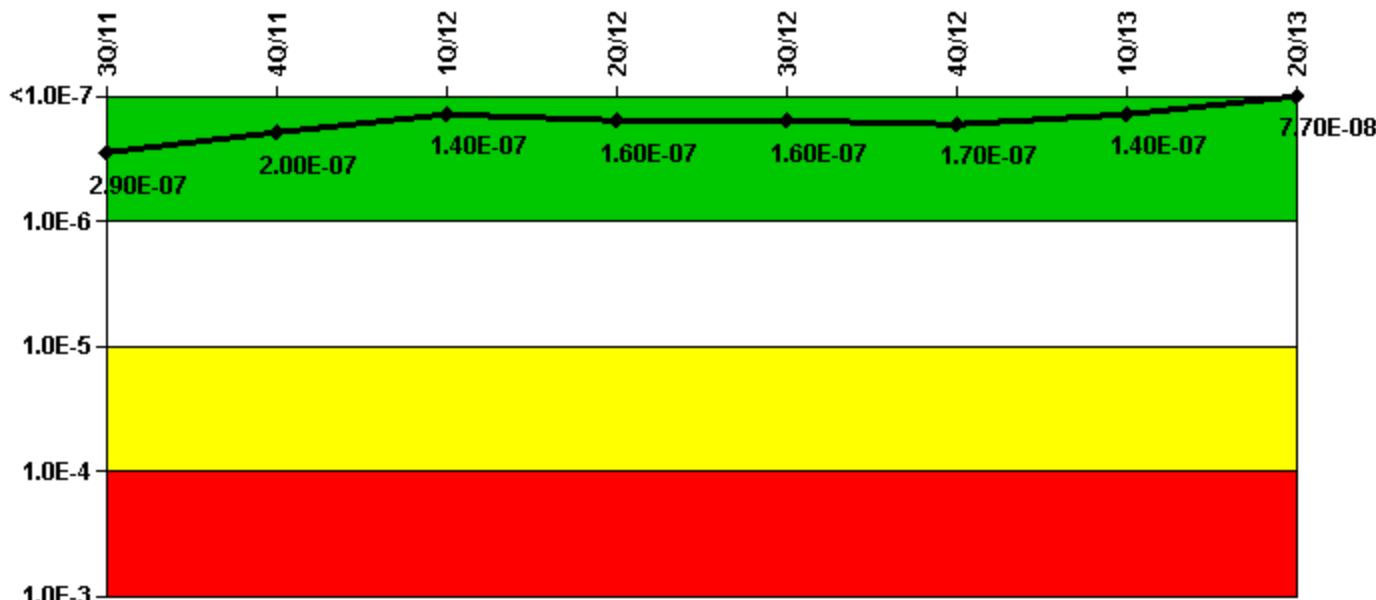
Safety System Functional Failures (PWR)	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Safety System Functional Failures	0	0	1	0	1	0	0	0
Indicator value	0	0	1	1	2	2	1	1

Licensee Comments:

3Q/12: August SSFF documented in LER 50-355/2012-007-00

1Q/12: Jan SSFF documented in LER 50-335/2011-003-00

Mitigating Systems Performance Index, Emergency AC Power System



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

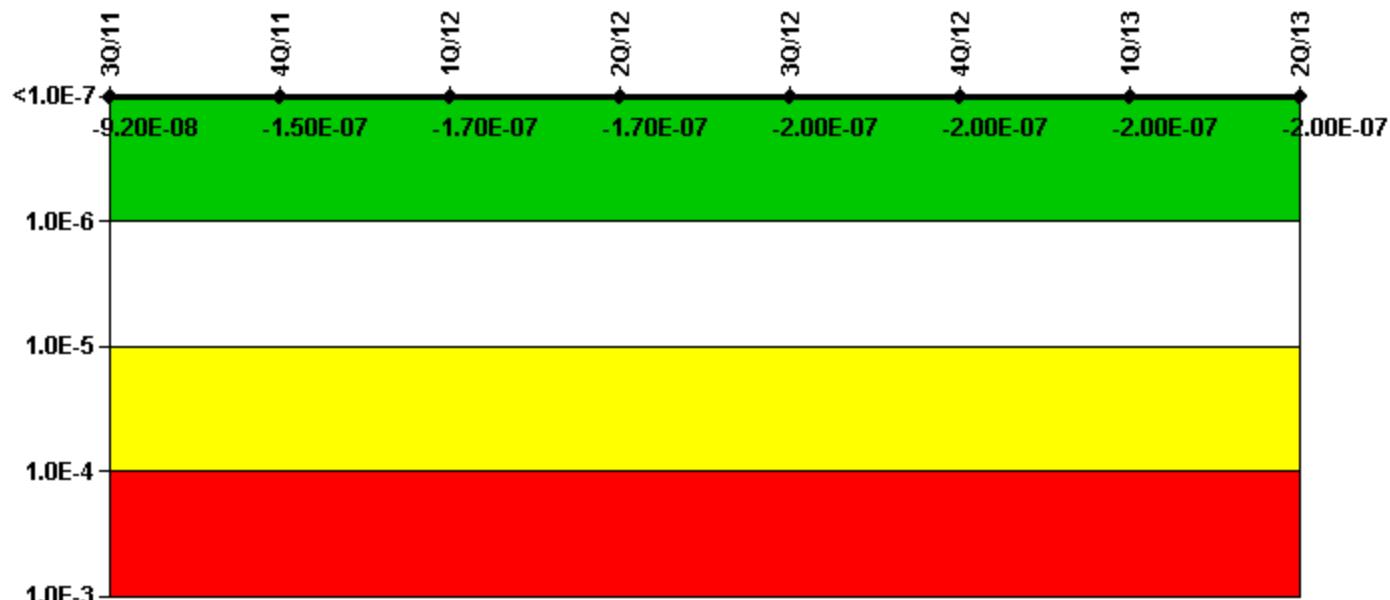
Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
UAI (Δ CDF)	5.39E-08	5.40E-08	4.63E-08	5.21E-08	7.22E-08	8.54E-08	8.64E-08	6.20E-08
URI (Δ CDF)	2.34E-07	1.46E-07	9.44E-08	1.12E-07	8.54E-08	8.58E-08	5.02E-08	1.46E-08
PLE	NO							
Indicator value	2.90E-07	2.00E-07	1.40E-07	1.60E-07	1.60E-07	1.70E-07	1.40E-07	7.70E-08

Licensee Comments:

3Q/12: 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

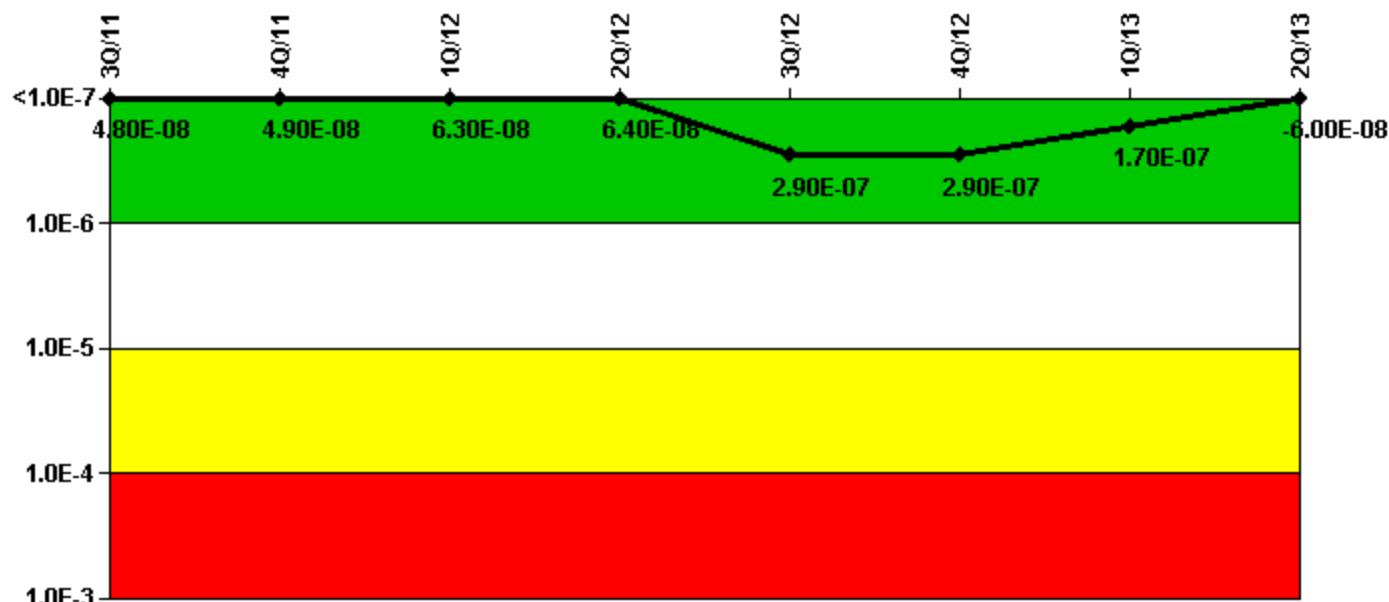
Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
UAI (Δ CDF)	3.59E-08	-2.17E-08	-4.62E-08	-4.40E-08	-3.36E-08	-3.36E-08	-3.36E-08	-3.36E-08
URI (Δ CDF)		-1.28E-07	-1.28E-07	-1.28E-07	-1.28E-07	-1.63E-07	-1.63E-07	-1.63E-07
PLE	NO							
Indicator value	-9.20E-08	-1.50E-07	-1.70E-07	-1.70E-07	-2.00E-07	-2.00E-07	-2.00E-07	-2.00E-07

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



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

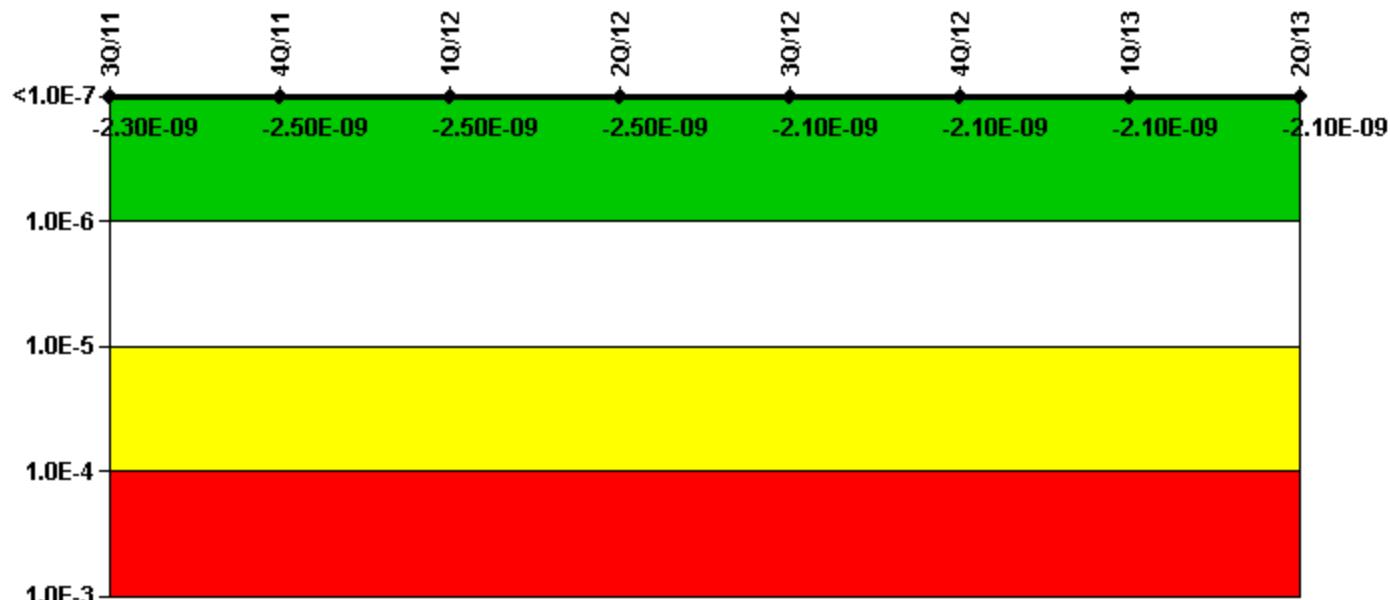
Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
UAI (Δ CDF)	7.14E-09	7.88E-09	9.09E-09	9.31E-09	1.45E-08	1.45E-08	1.15E-08	-1.31E-08
URI (Δ CDF)	4.12E-08	4.12E-08	5.42E-08	5.42E-08	2.73E-07	2.73E-07	1.56E-07	-4.67E-08
PLE	NO							
Indicator value	4.80E-08	4.90E-08	6.30E-08	6.40E-08	2.90E-07	2.90E-07	1.70E-07	-6.00E-08

Licensee Comments:

3Q/12: Changed PRA Parameter(s). Q3 2012, Unit 1 AFW excluded MV-08-13 and MV-08-14 from scope due to low birnbaum, manual recovery action only. Unit 2 AFW excluded MV-09-13 and MV-09-14 from scope

Mitigating Systems Performance Index, Residual Heat Removal System



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

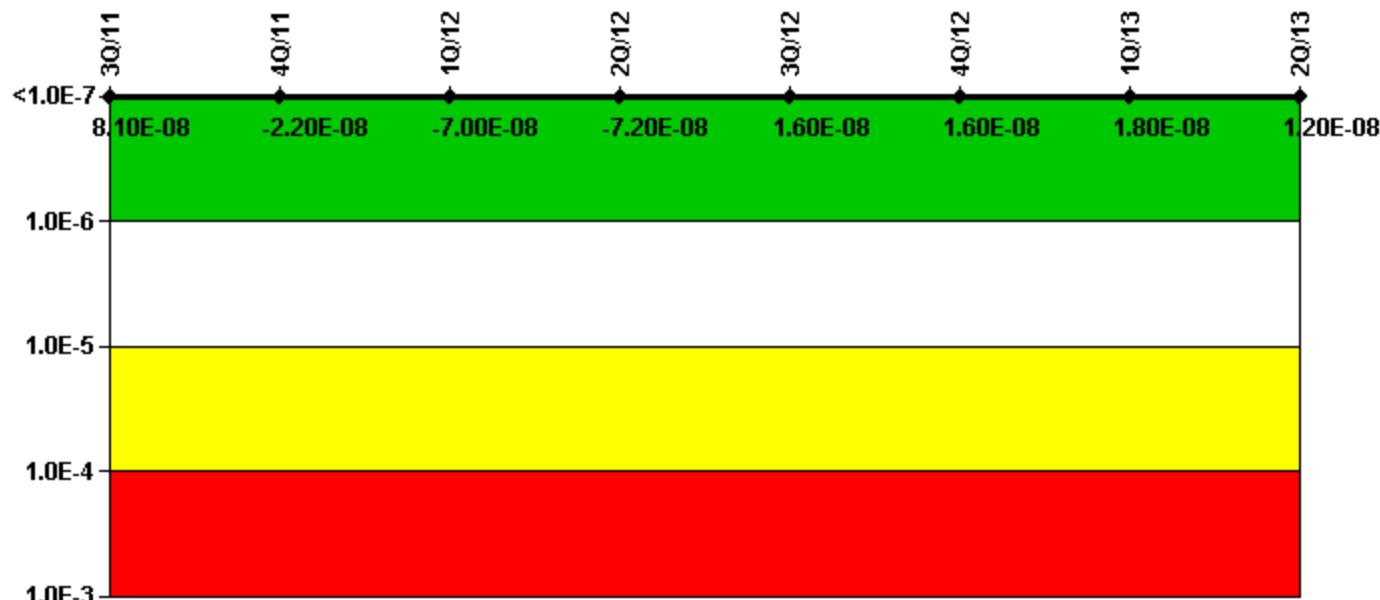
Notes

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 (Δ CDF)	-3.77E-11	-2.10E-10	-2.81E-10	-2.81E-10	-1.41E-10	-1.41E-10	-1.41E-10	-1.41E-10
URI (Δ CDF)	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09	-1.96E-09	-1.96E-09	-1.96E-09	-1.96E-09
PLE	NO							
Indicator value	-2.30E-09	-2.50E-09	-2.50E-09	-2.50E-09	-2.10E-09	-2.10E-09	-2.10E-09	-2.10E-09

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



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

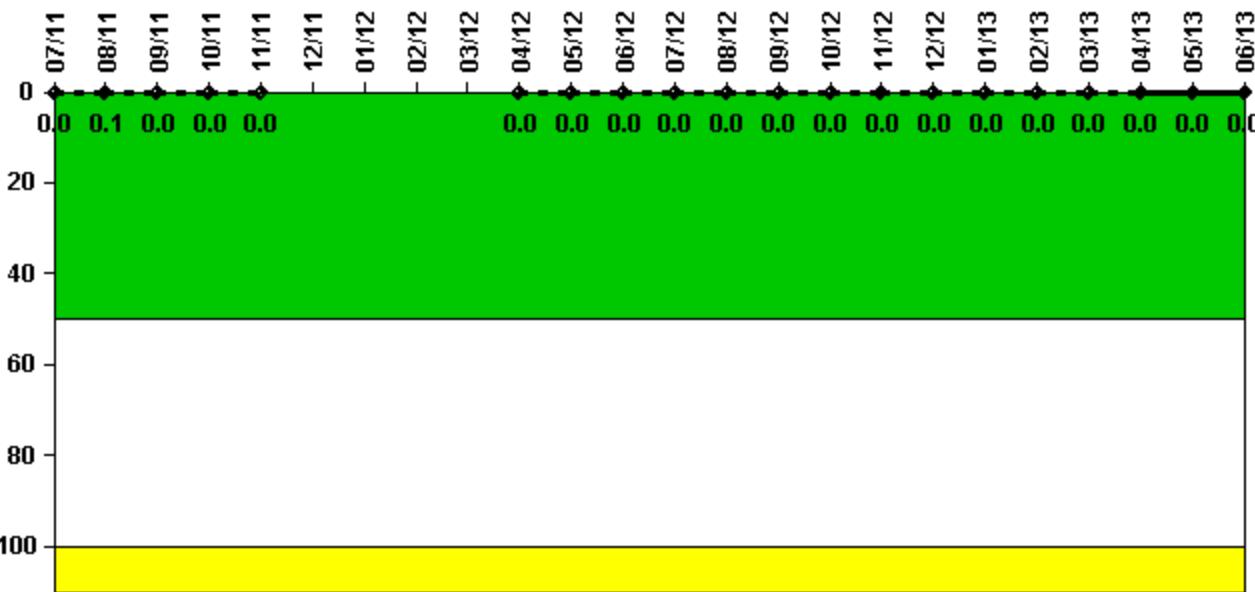
Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
UAI (Δ CDF)	1.16E-07	1.32E-08	-3.42E-08	-3.60E-08	2.84E-08	2.85E-08	2.98E-08	2.40E-08
URI (Δ CDF)	-3.55E-08	-3.55E-08	-3.55E-08	-3.55E-08	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	8.10E-08	-2.20E-08	-7.00E-08	-7.20E-08	1.60E-08	1.60E-08	1.80E-08	1.20E-08

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Reactor Coolant System Activity



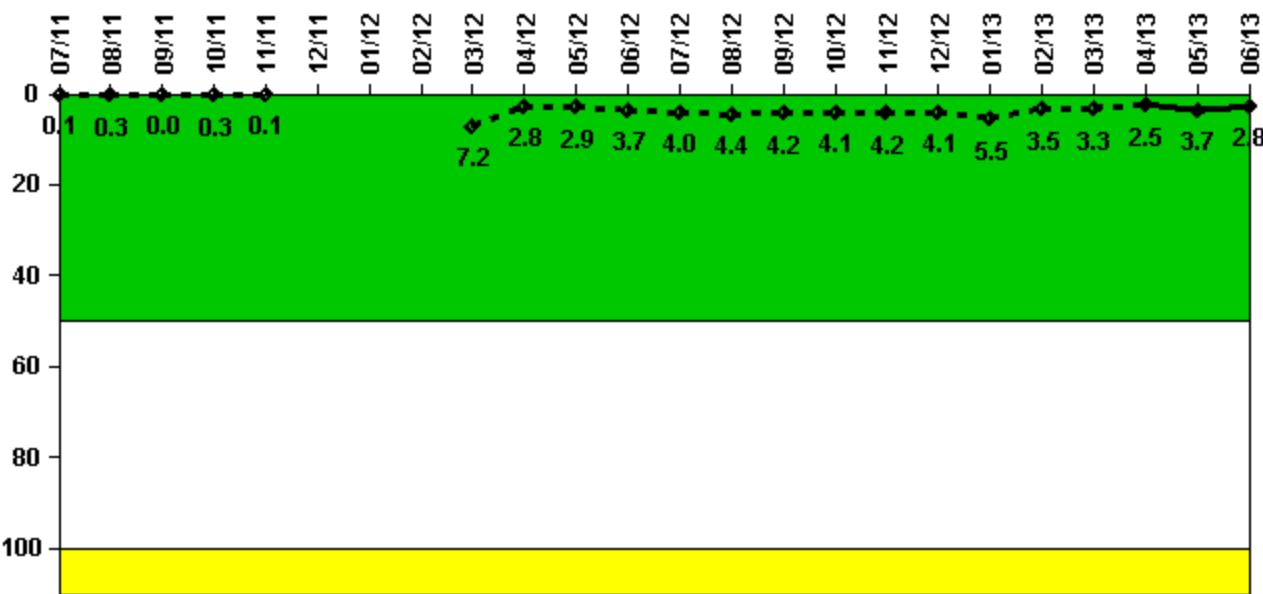
Thresholds: White > 50.0 Yellow > 100.0

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		0.000351	0.000572	0.000376	0.000417	0.000379	N/A	N/A	N/A	N/A	0.000031	0.000115	0.000194
Technical specification limit		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value		0	0.1	0	0	0	N/A	N/A	N/A	N/A	0	0	0
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	0.000221	0.000293	0.000323	0.000429	0.000299	0.000304	0.000329	0.000310	0.000324	0.000329	0.000354	0.000325	
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0	

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

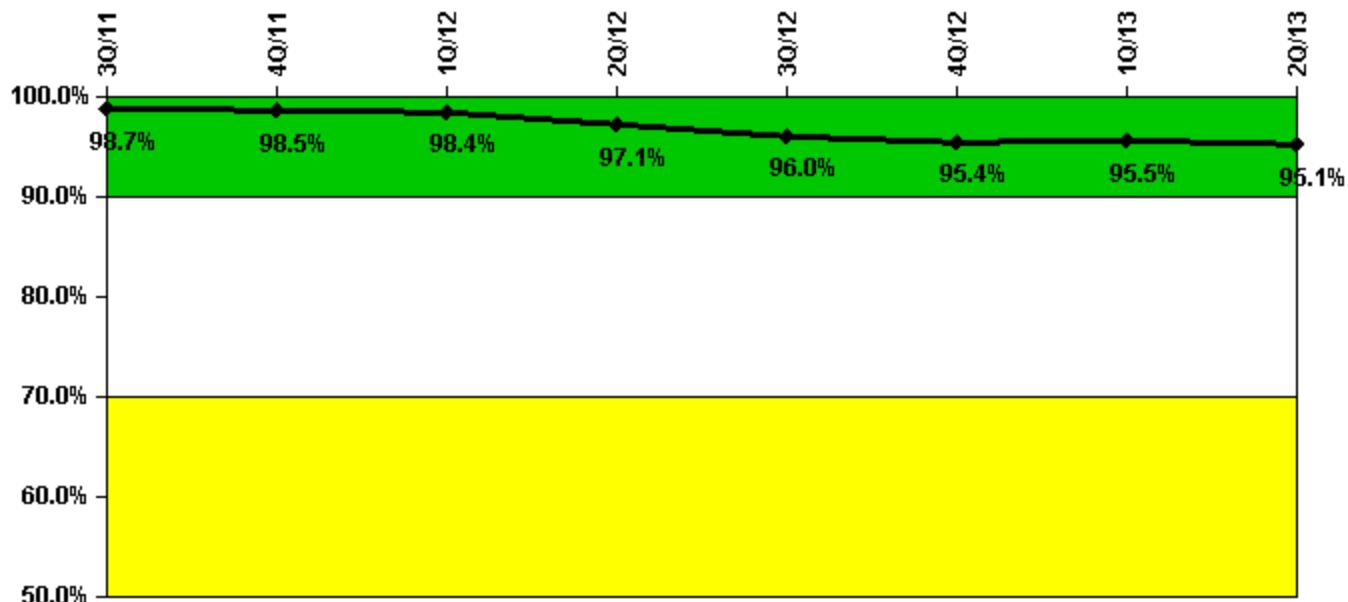
Notes

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	0.009	0.025	0.004	0.030	0.005	N/A	N/A	N/A	0.720	0.275	0.285	0.369
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.3	0	0.3	0.1	N/A	N/A	N/A	7.2	2.8	2.9	3.7

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	0.398	0.443	0.423	0.410	0.420	0.410	0.551	0.346	0.329	0.249	0.374	0.280
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	4.0	4.4	4.2	4.1	4.2	4.1	5.5	3.5	3.3	2.5	3.7	2.8

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

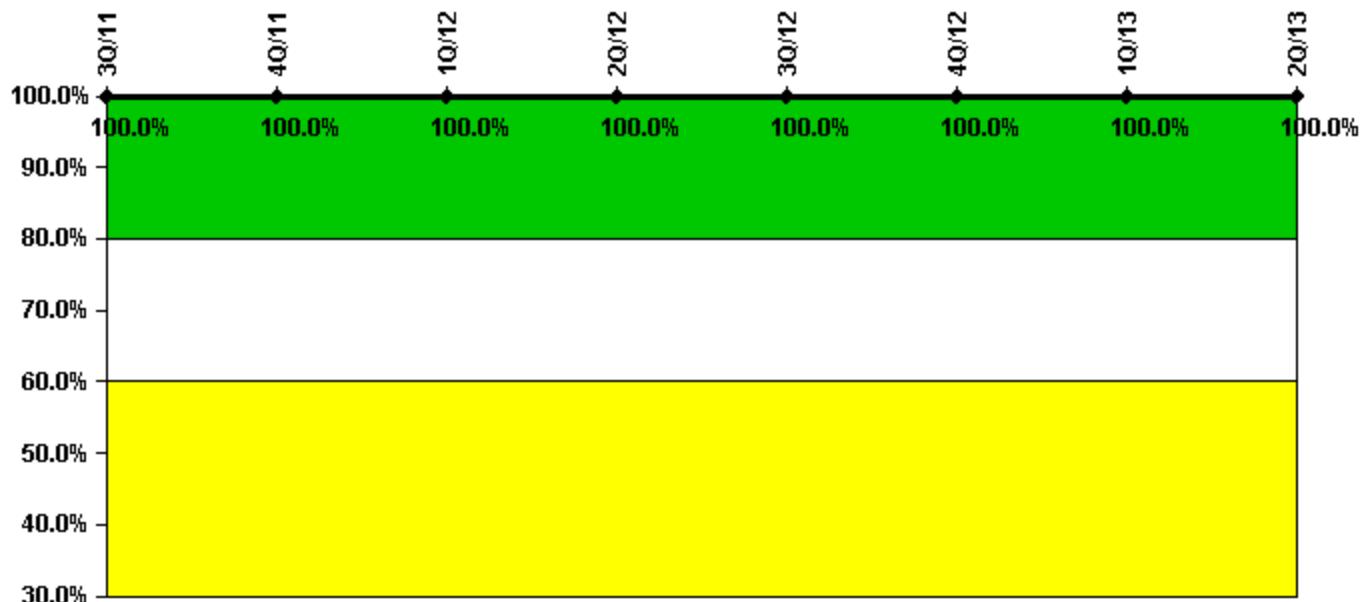
Notes

Drill/Exercise Performance	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Successful opportunities	92.0	9.0	0	69.0	49.0	0	95.0	56.0
Total opportunities	94.0	10.0	0	75.0	54.0	0	99.0	57.0
Indicator value	98.7%	98.5%	98.4%	97.1%	96.0%	95.4%	95.5%	95.1%

Licensee Comments:

3Q/11: Correction made for 3Q/2011 Successful/Total Drill Exercise & Event Opportunities

ERO Drill Participation



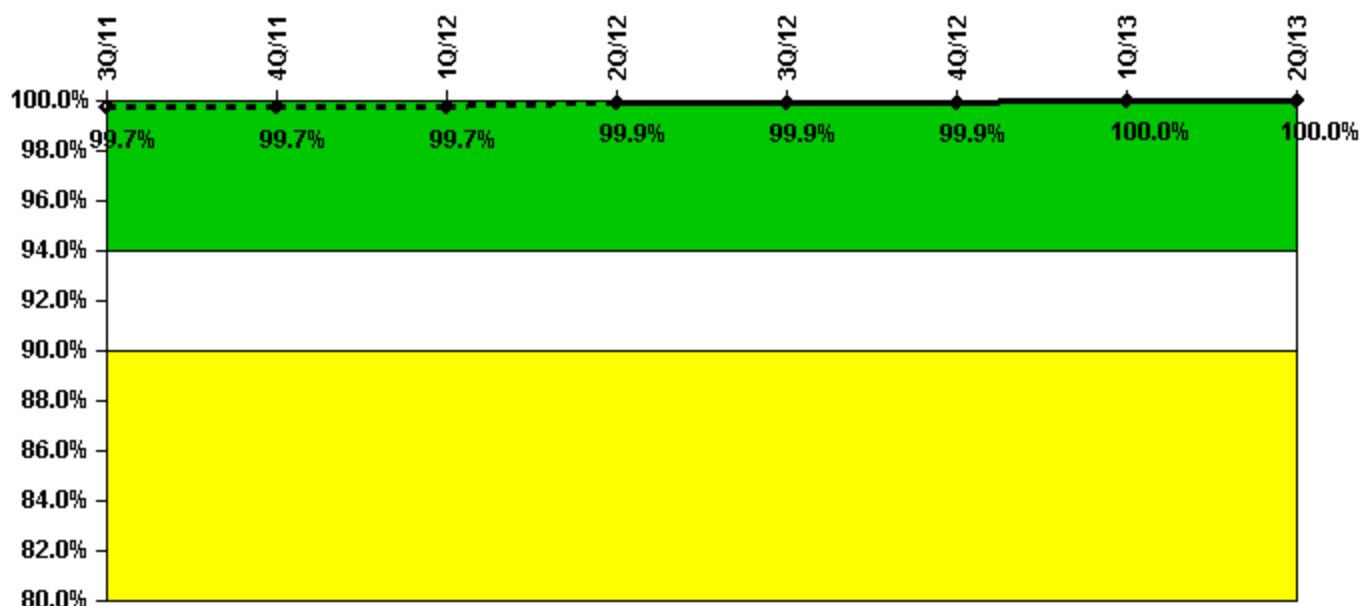
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Participating Key personnel	105.0	95.0	93.0	94.0	93.0	93.0	106.0	102.0
Total Key personnel	105.0	95.0	93.0	94.0	93.0	93.0	106.0	102.0
Indicator value	100.0%							

Licensee Comments: none

Alert & Notification System



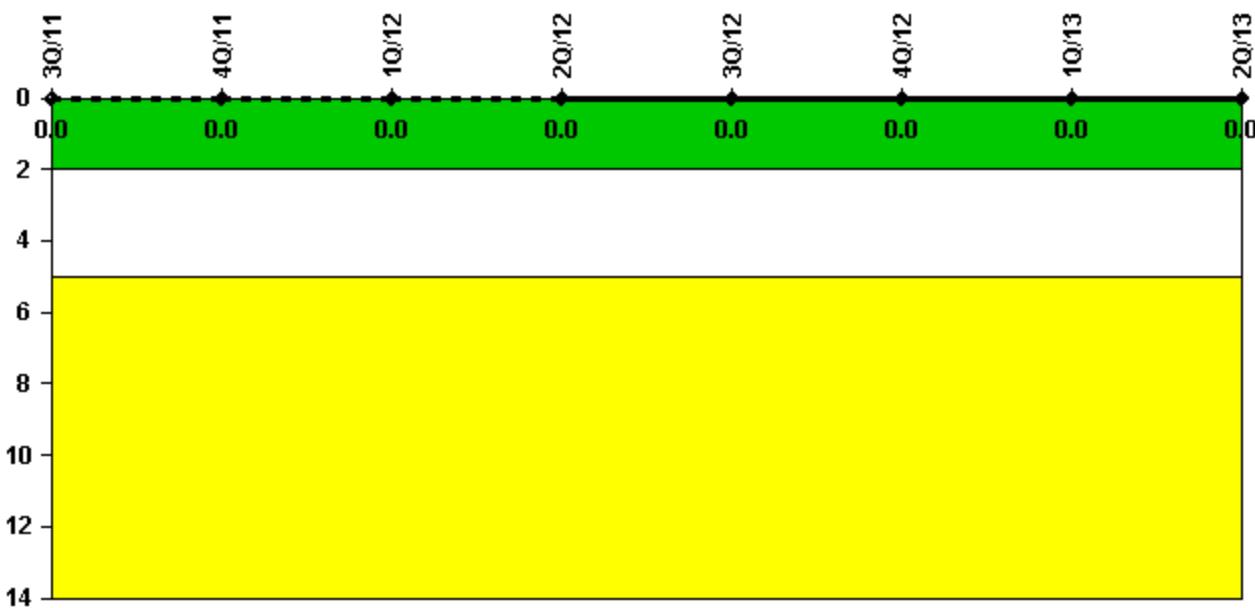
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Successful siren-tests	629	719	628	720	630	720	629	720
Total sirens-tests	630	720	630	720	630	720	630	720
Indicator value	99.7%	99.7%	99.7%	99.9%	99.9%	99.9%	100.0%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



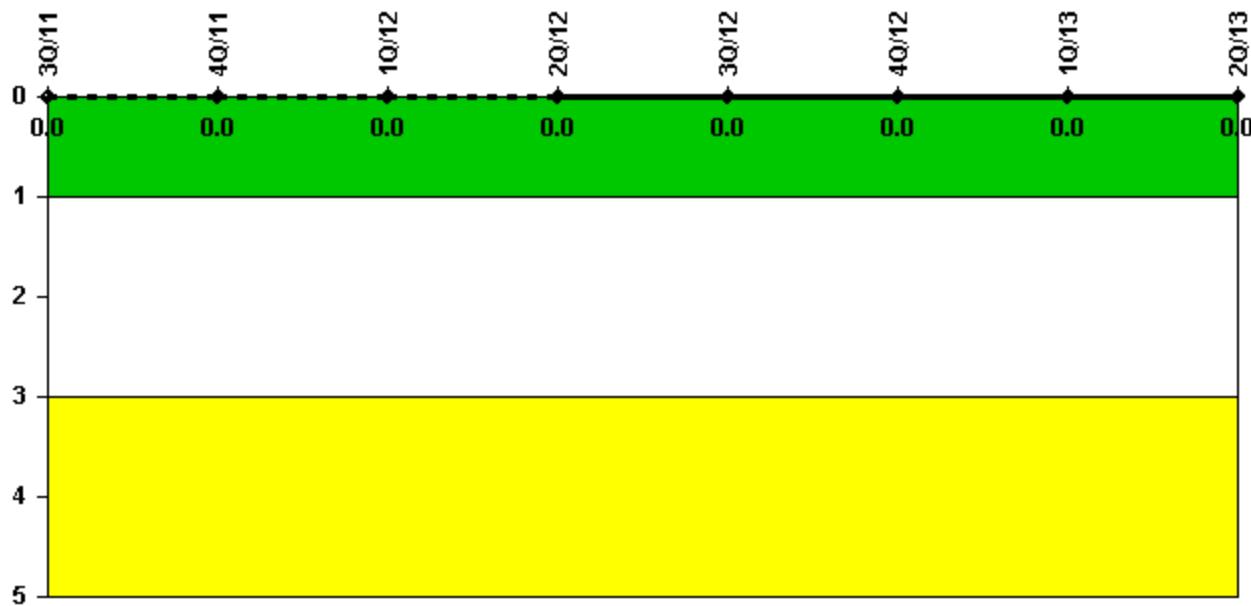
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/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
Indicator value	0							

Licensee Comments: none

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
Indicator value	0							

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: August 19, 2013

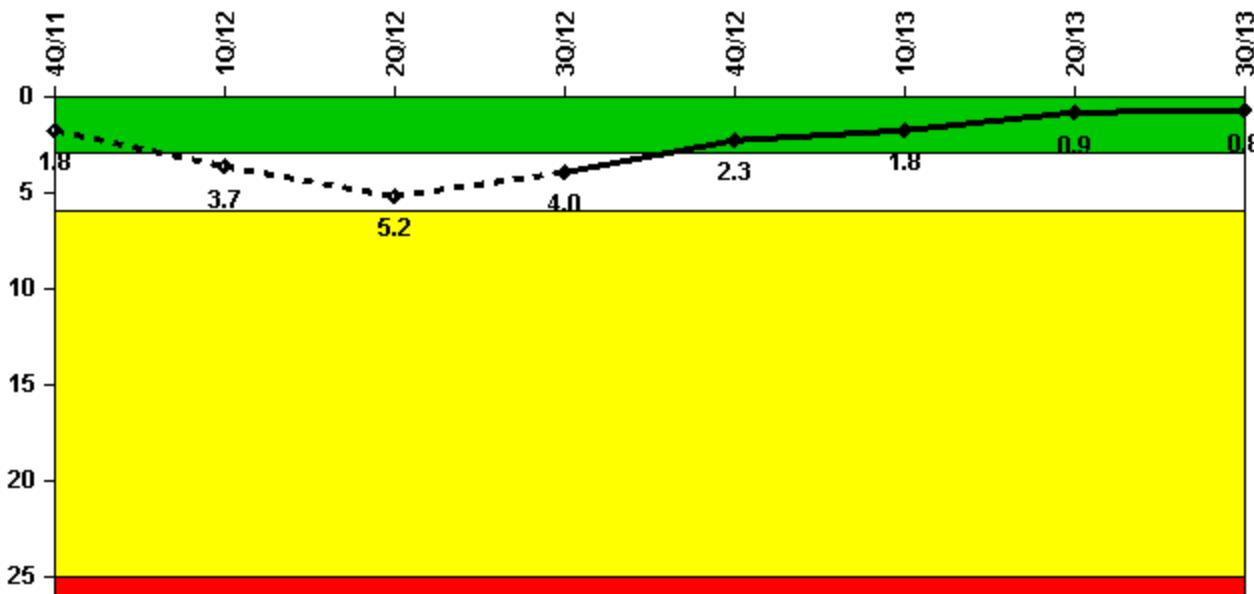
Saint Lucie 1

3Q/2013 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



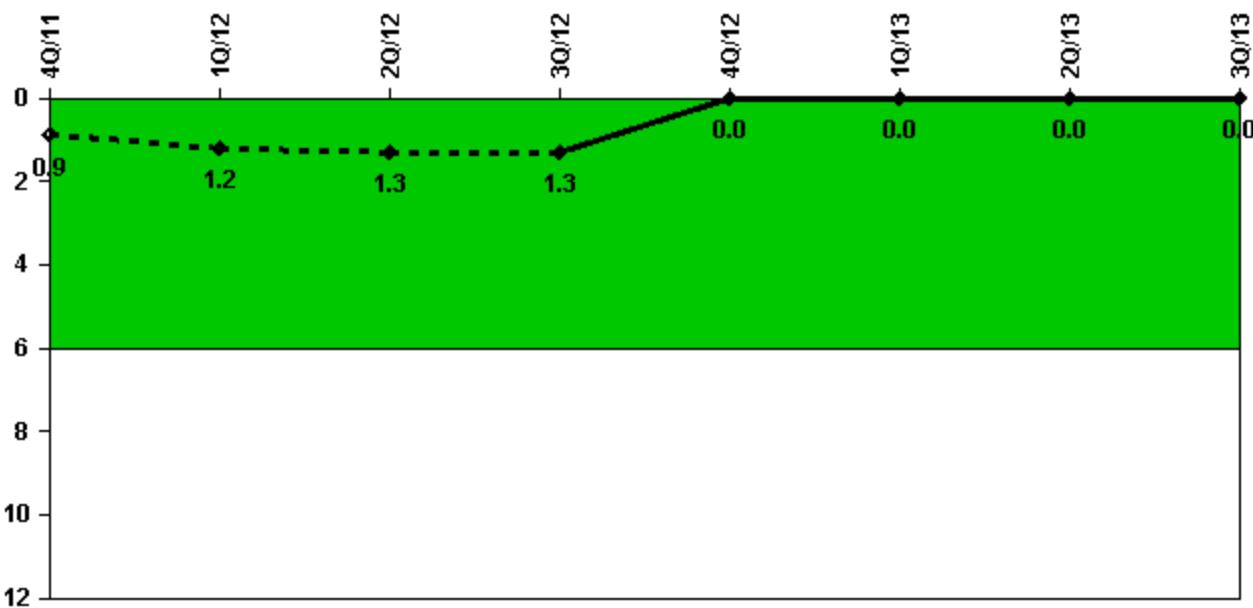
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	1.0	1.0	0	0	1.0	0	0
Critical hours	1295.7	70.9	1845.5	2080.6	2209.0	1698.6	2184.0	2184.0
Indicator value	1.8	3.7	5.2	4.0	2.3	1.8	0.9	0.8

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



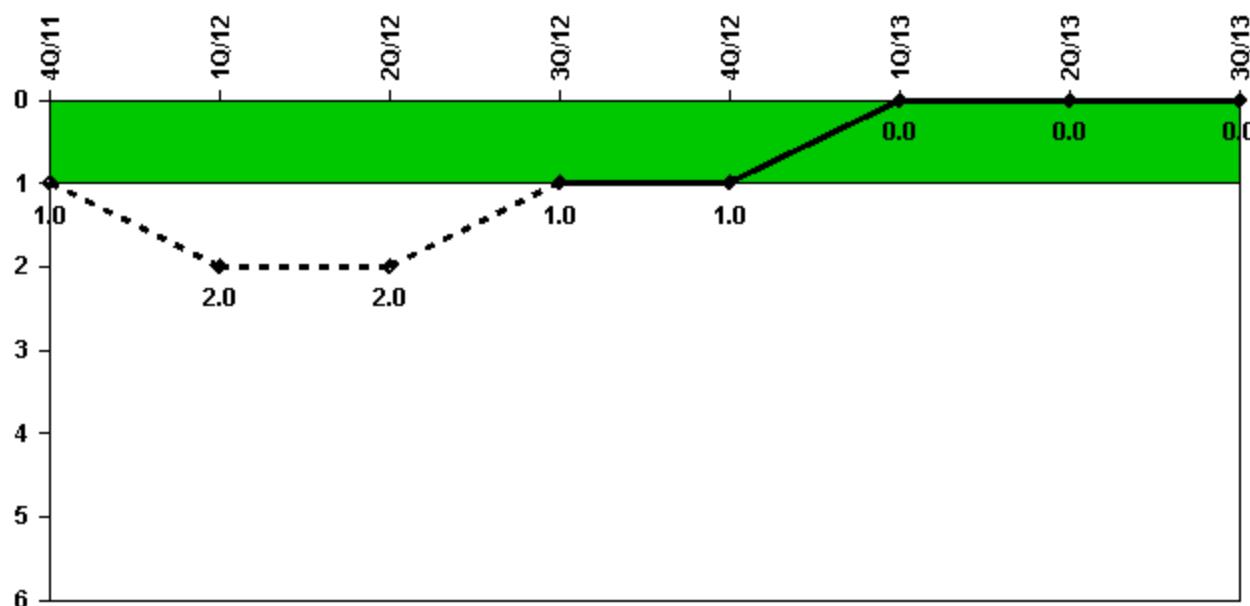
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Unplanned power changes	1.0	0	0	0	0	0	0	0
Critical hours	1295.7	70.9	1845.5	2080.6	2209.0	1698.6	2184.0	2184.0
Indicator value	0.9	1.2	1.3	1.3	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



Thresholds: White > 1.0

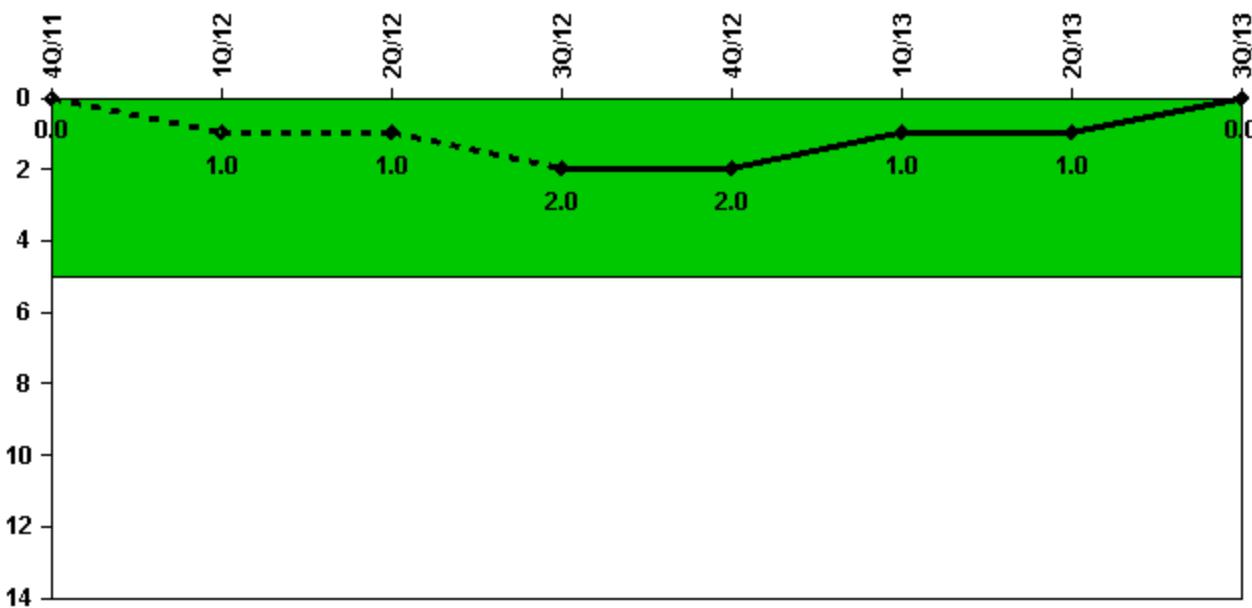
Notes

Unplanned Scrams with Complications	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Scrams with complications	0	1.0	0	0	0	0	0	0
Indicator value	1.0	2.0	2.0	1.0	1.0	0.0	0.0	0.0

Licensee Comments:

1Q/12: FPL is submitting a FAQ concerning the March USwC. This data element may be changed based on the outcome of the FAQ.

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

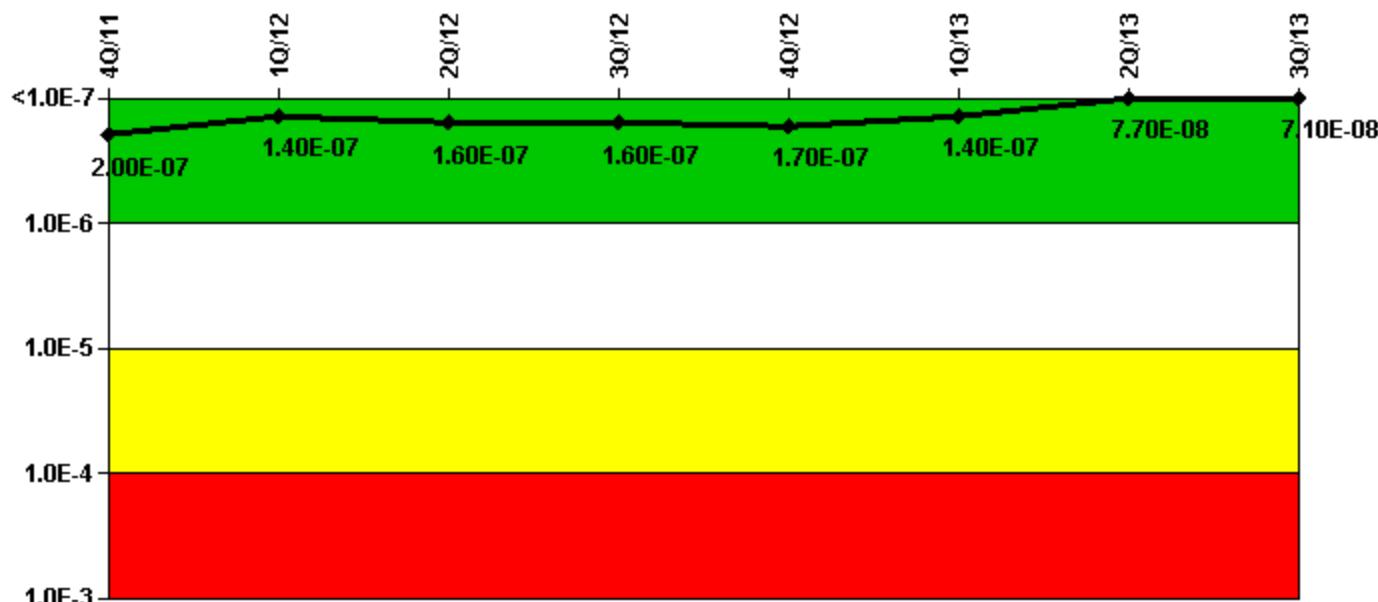
Safety System Functional Failures (PWR)	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Safety System Functional Failures	0	1	0	1	0	0	0	0
Indicator value	0	1	1	2	2	1	1	0

Licensee Comments:

3Q/12: August SSFF documented in LER 50-355/2012-007-00

1Q/12: Jan SSFF documented in LER 50-335/2011-003-00

Mitigating Systems Performance Index, Emergency AC Power System



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

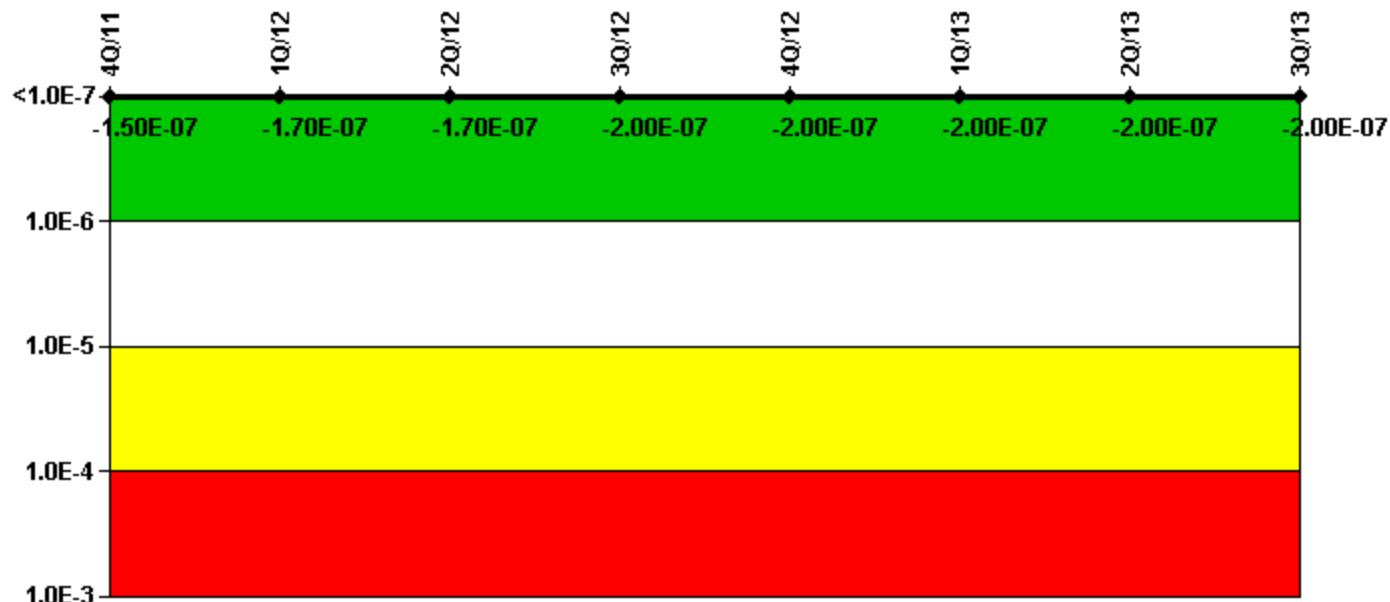
Notes

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 (Δ CDF)	5.40E-08	4.63E-08	5.21E-08	7.22E-08	8.54E-08	8.64E-08	6.20E-08	5.61E-08
URI (Δ CDF)	1.46E-07	9.44E-08	1.12E-07	8.54E-08	8.58E-08	5.02E-08	1.46E-08	1.50E-08
PLE	NO							
Indicator value	2.00E-07	1.40E-07	1.60E-07	1.60E-07	1.70E-07	1.40E-07	7.70E-08	7.10E-08

Licensee Comments:

3Q/12: 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

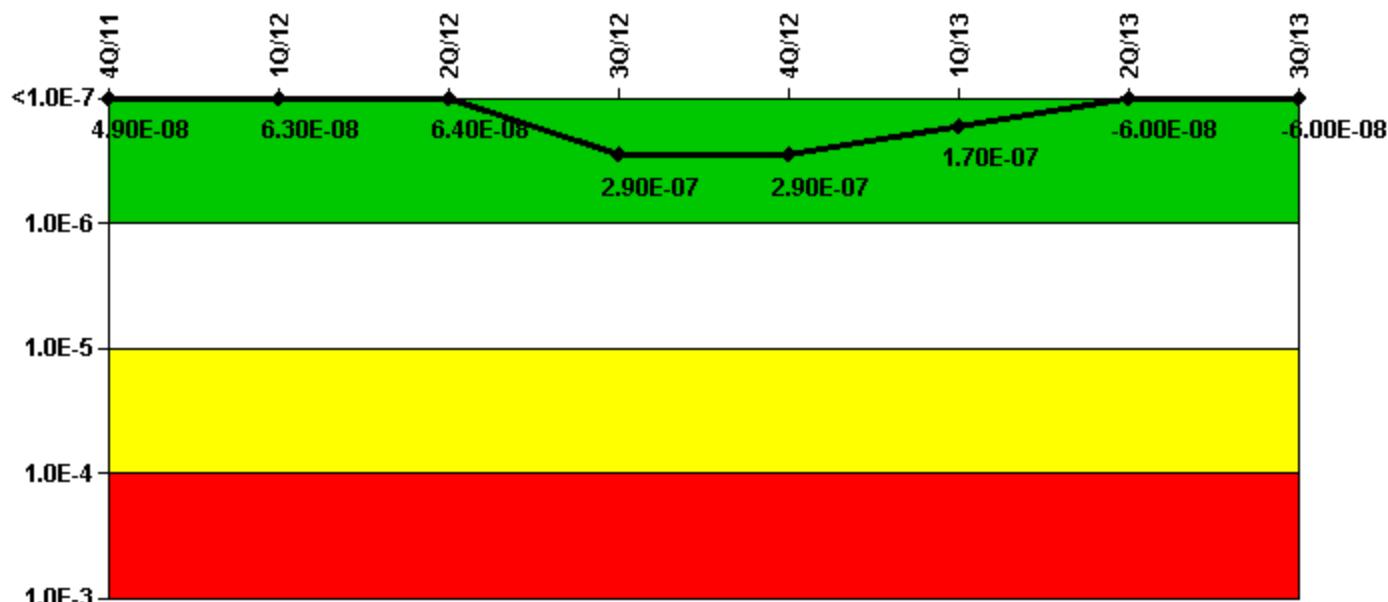
Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
UAI (Δ CDF)	-2.17E-08	-4.62E-08	-4.40E-08	-3.36E-08	-3.36E-08	-3.36E-08	-3.36E-08	-3.36E-08
URI (Δ CDF)	-1.28E-07	-1.28E-07	-1.28E-07	-1.63E-07	-1.63E-07	-1.63E-07	-1.63E-07	-1.63E-07
PLE	NO							
Indicator value	-1.50E-07	-1.70E-07	-1.70E-07	-2.00E-07	-2.00E-07	-2.00E-07	-2.00E-07	-2.00E-07

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



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

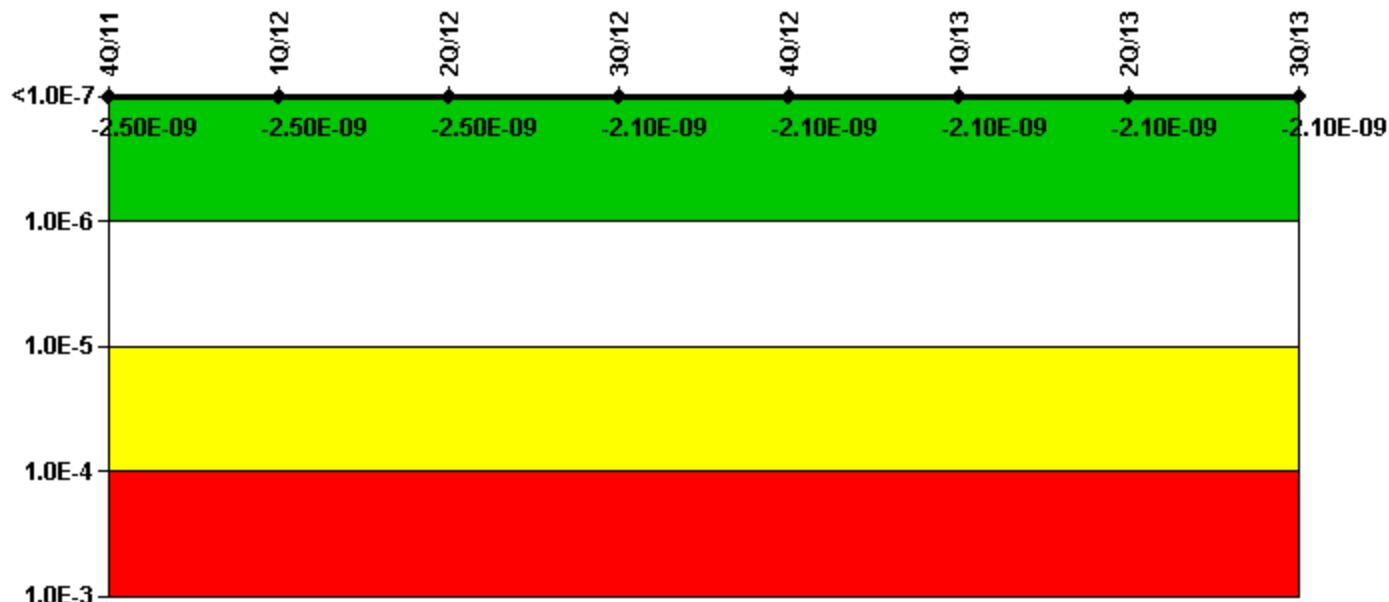
Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
UAI (Δ CDF)	7.88E-09	9.09E-09	9.31E-09	1.45E-08	1.45E-08	1.15E-08	-1.31E-08	-1.30E-08
URI (Δ CDF)	4.12E-08	5.42E-08	5.42E-08	2.73E-07	2.73E-07	1.56E-07	-4.67E-08	-4.67E-08
PLE	NO	NO						
Indicator value	4.90E-08	6.30E-08	6.40E-08	2.90E-07	2.90E-07	1.70E-07	-6.00E-08	-6.00E-08

Licensee Comments:

3Q/12: Changed PRA Parameter(s). Q3 2012, Unit 1 AFW excluded MV-08-13 and MV-08-14 from scope due to low birnbaum, manual recovery action only. Unit 2 AFW excluded MV-09-13 and MV-09-14 from scope

Mitigating Systems Performance Index, Residual Heat Removal System



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

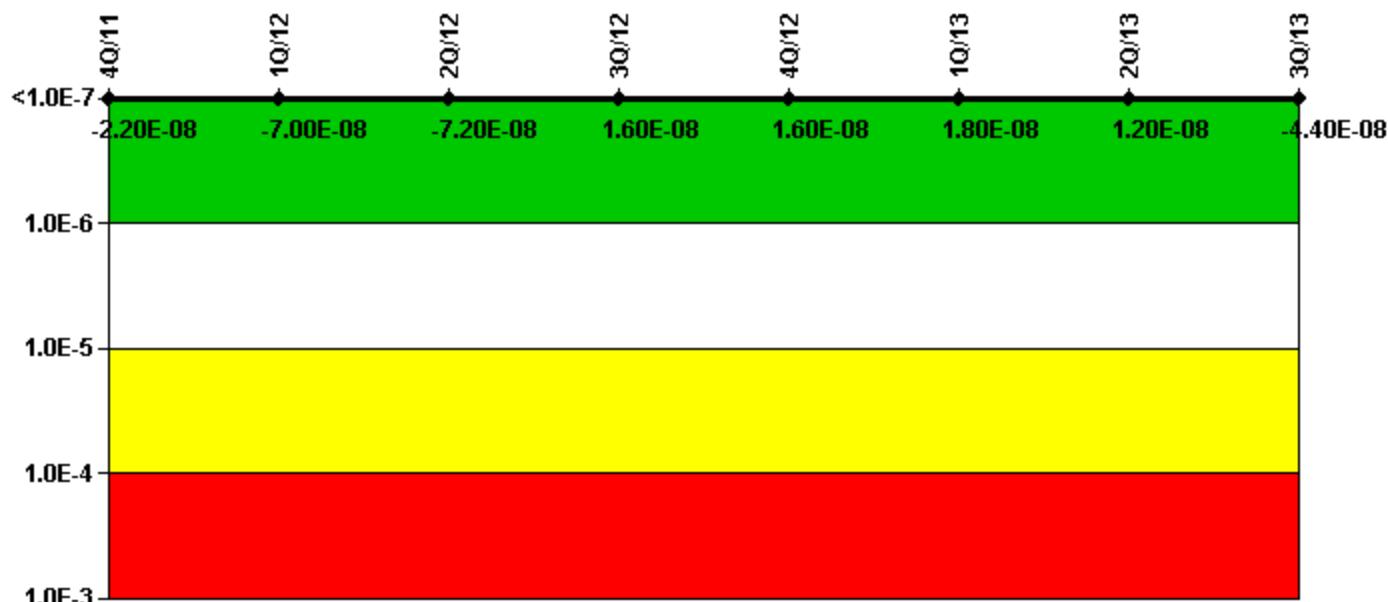
Notes

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 (Δ CDF)	-2.10E-10	-2.81E-10	-2.81E-10	-1.41E-10	-1.41E-10	-1.41E-10	-1.41E-10	-1.41E-10
URI (Δ CDF)	-2.25E-09	-2.25E-09	-2.25E-09	-1.96E-09	-1.96E-09	-1.96E-09	-1.96E-09	-1.96E-09
PLE	NO							
Indicator value	-2.50E-09	-2.50E-09	-2.50E-09	-2.10E-09	-2.10E-09	-2.10E-09	-2.10E-09	-2.10E-09

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



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

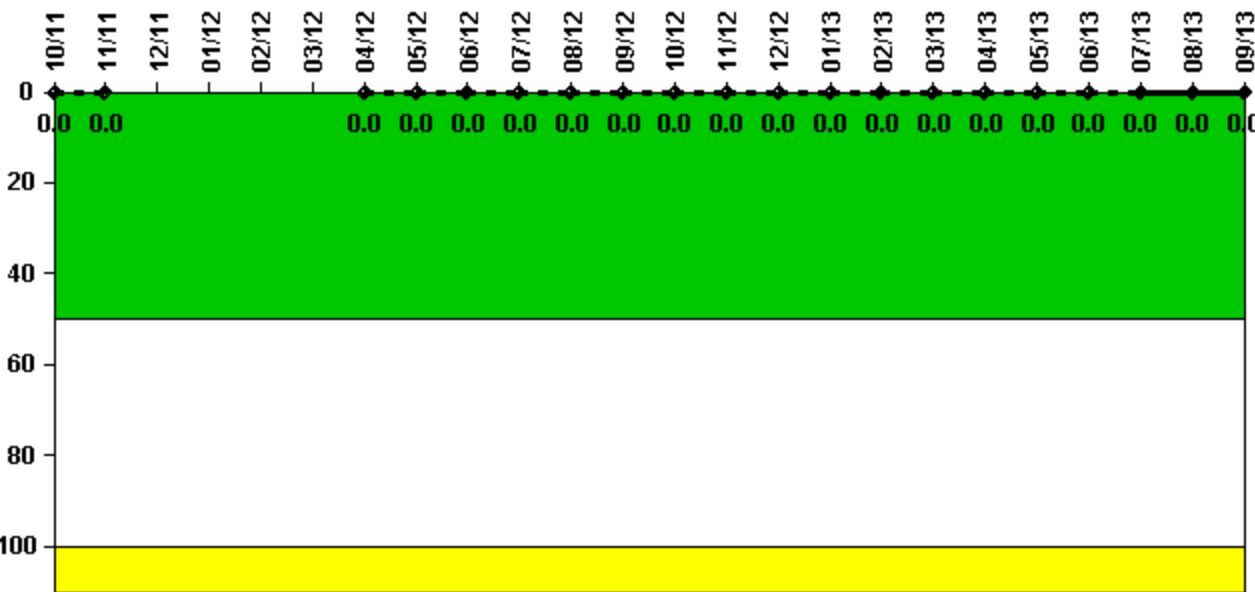
Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
UAI (Δ CDF)	1.32E-08	-3.42E-08	-3.60E-08	2.84E-08	2.85E-08	2.98E-08	2.40E-08	-3.22E-08
URI (Δ CDF)	-3.55E-08	-3.55E-08	-3.55E-08	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.20E-08	-7.00E-08	-7.20E-08	1.60E-08	1.60E-08	1.80E-08	1.20E-08	-4.40E-08

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Reactor Coolant System Activity



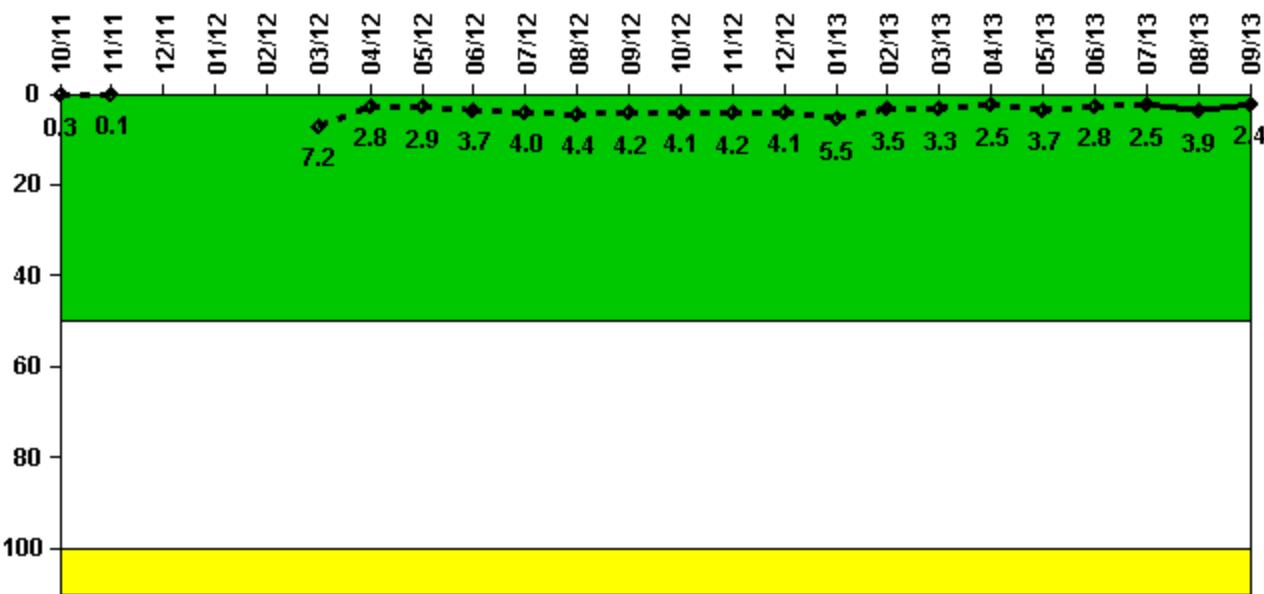
Thresholds: White > 50.0 Yellow > 100.0

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		0.000417	0.000379	N/A	N/A	N/A	N/A	0.000031	0.000115	0.000194	0.000221	0.000293	0.000323
Technical specification limit		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value		0	0	N/A	N/A	N/A	N/A	0	0	0	0	0	0
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	0.000429	0.000299	0.000304	0.000329	0.000310	0.000324	0.000329	0.000354	0.000325	0.000340	0.000391	0.000409	
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

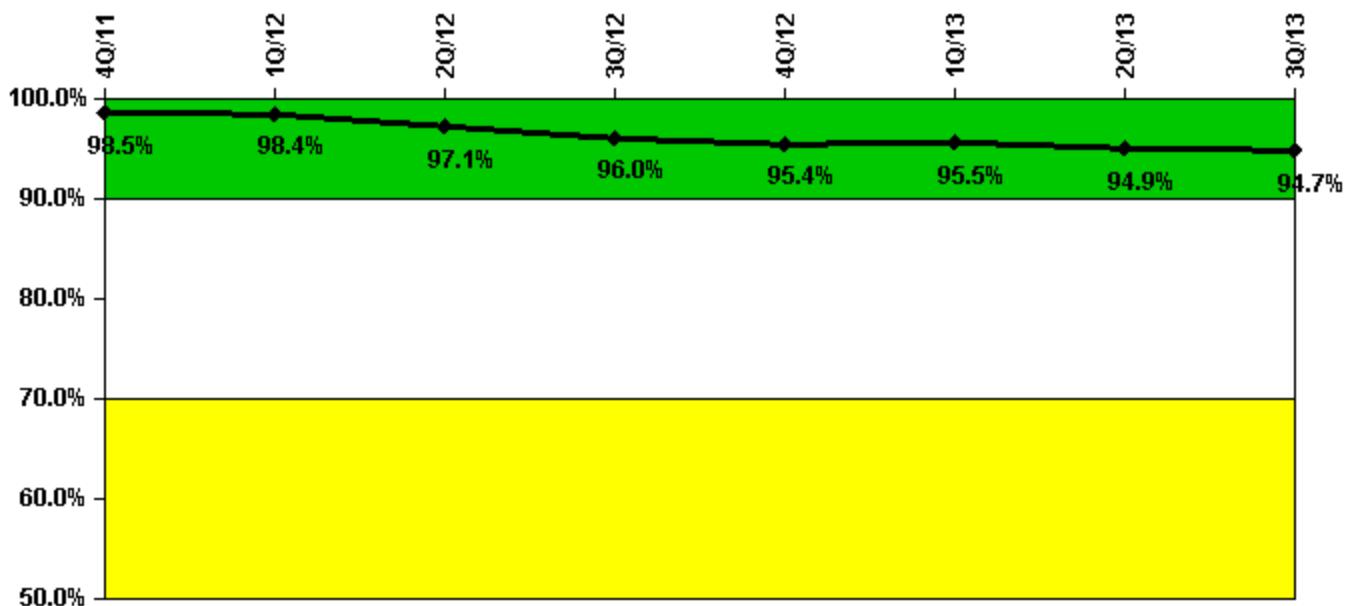
Notes

Reactor Coolant System Leakage	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 leakage	0.030	0.005	N/A	N/A	N/A	0.720	0.275	0.285	0.369	0.398	0.443	0.423
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.1	N/A	N/A	N/A	7.2	2.8	2.9	3.7	4.0	4.4	4.2

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	0.410	0.420	0.410	0.551	0.346	0.329	0.249	0.374	0.280	0.249	0.389	0.240
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	4.1	4.2	4.1	5.5	3.5	3.3	2.5	3.7	2.8	2.5	3.9	2.4

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

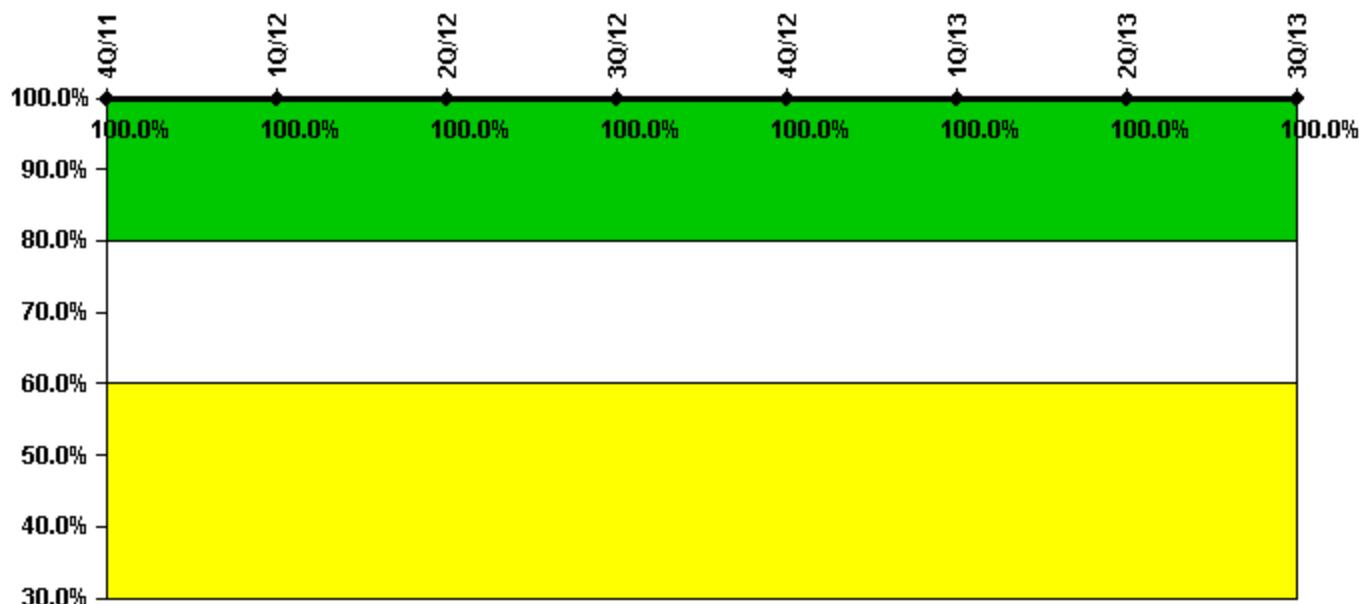
Notes

Drill/Exercise Performance	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Successful opportunities	9.0	0	69.0	49.0	0	95.0	56.0	79.0
Total opportunities	10.0	0	75.0	54.0	0	99.0	58.0	81.0
Indicator value	98.5%	98.4%	97.1%	96.0%	95.4%	95.5%	94.9%	94.7%

Licensee Comments:

2Q/13: Change to June 13 total drill, exercise and event opportunities

ERO Drill Participation



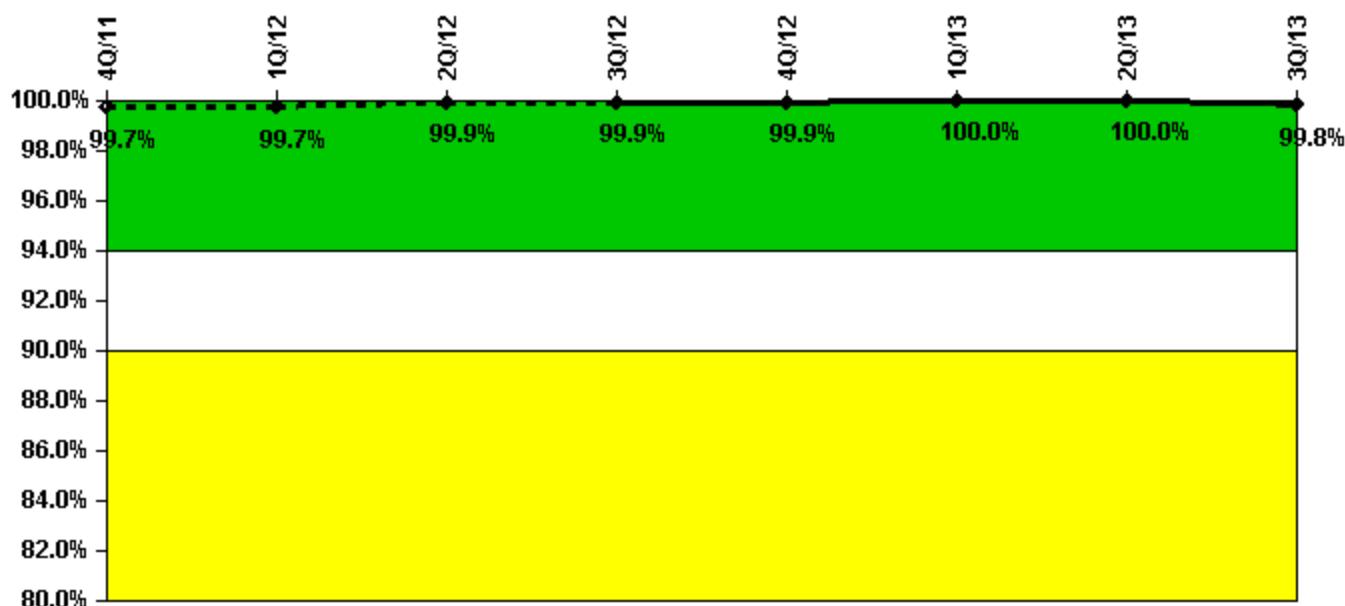
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Participating Key personnel	95.0	93.0	94.0	93.0	93.0	106.0	102.0	109.0
Total Key personnel	95.0	93.0	94.0	93.0	93.0	106.0	102.0	109.0
Indicator value	100.0%							

Licensee Comments: none

Alert & Notification System



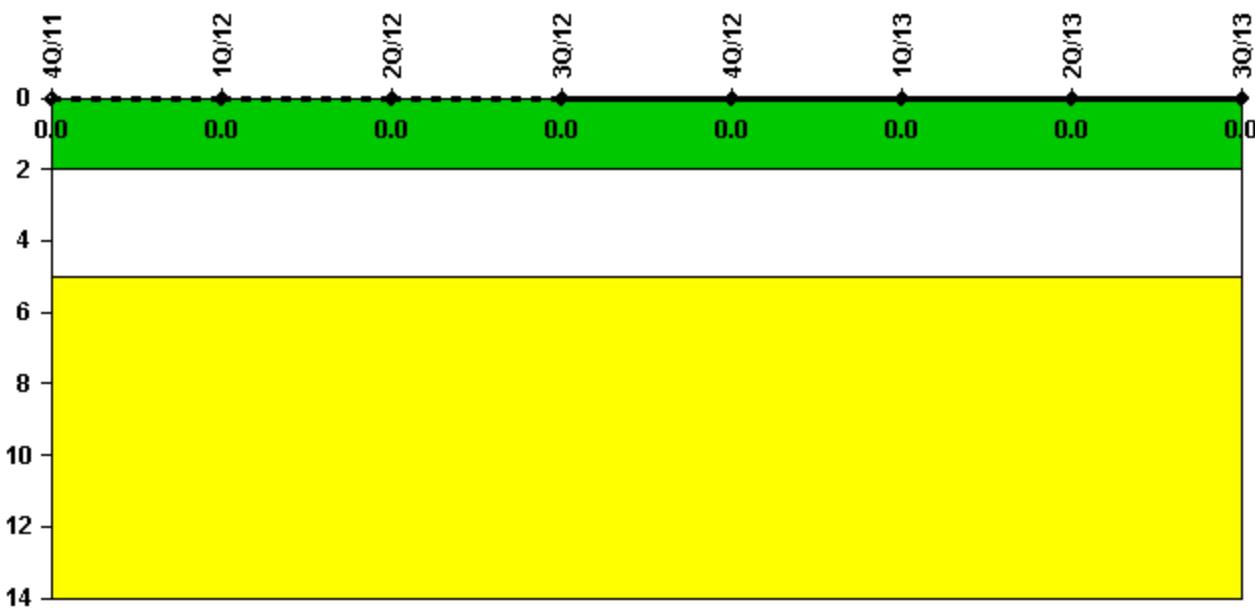
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Successful siren-tests	719	628	720	630	720	629	720	626
Total sirens-tests	720	630	720	630	720	630	720	630
Indicator value	99.7%	99.7%	99.9%	99.9%	99.9%	100.0%	100.0%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



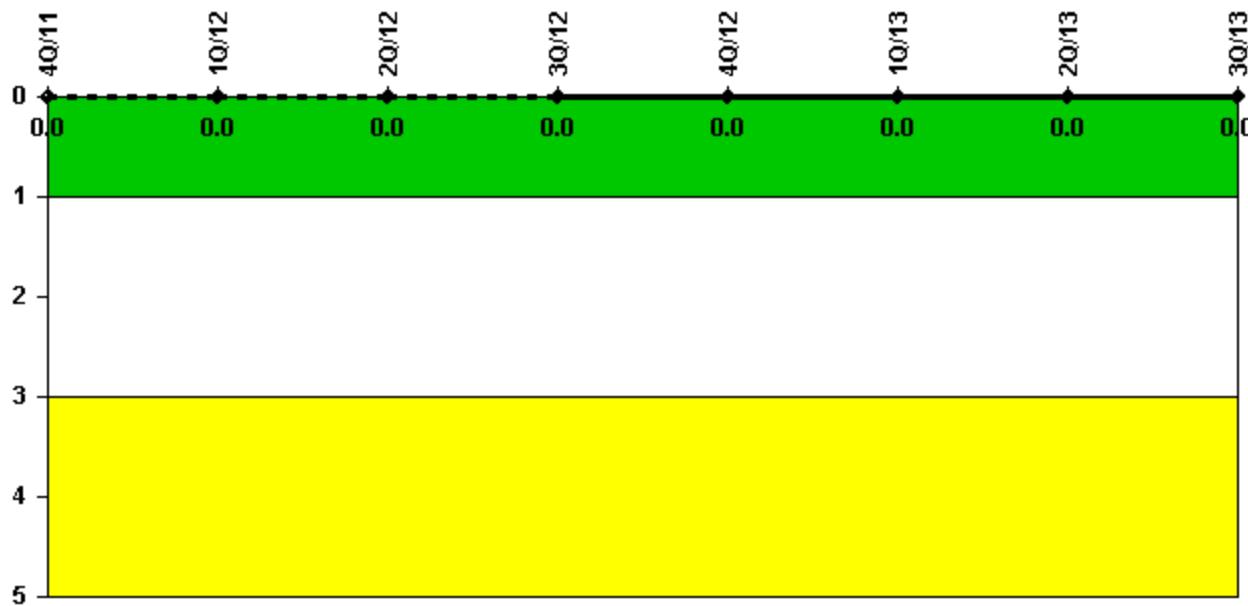
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/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
Indicator value	0							

Licensee Comments: none

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
Indicator value	0							

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 22, 2013

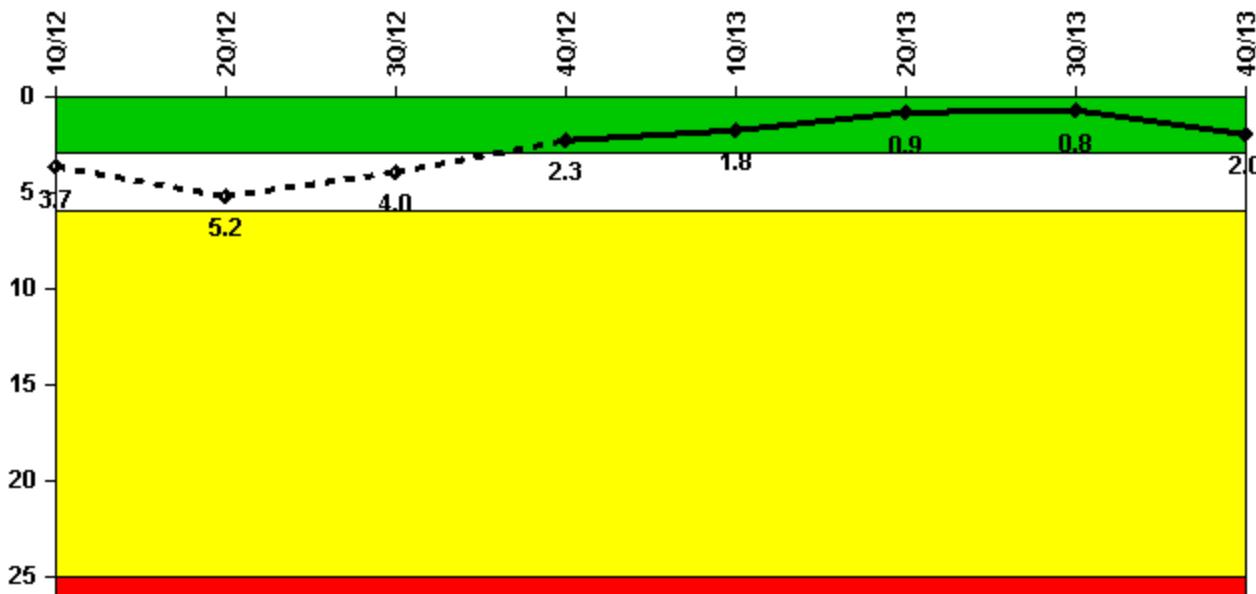
Saint Lucie 1

4Q/2013 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



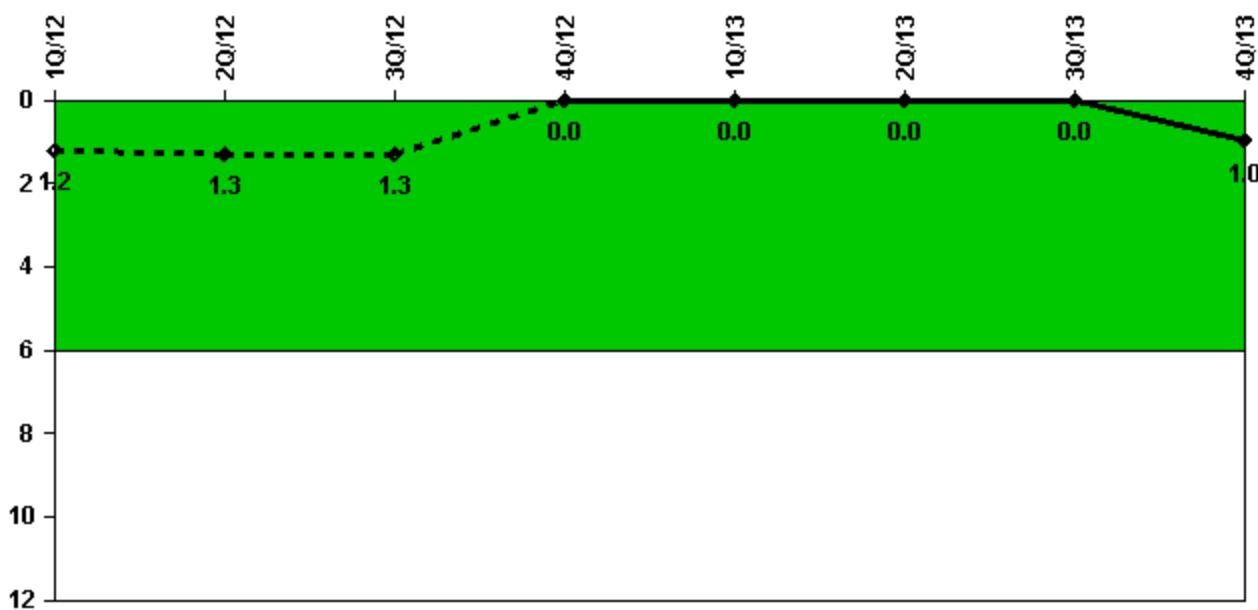
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	1.0	0	0	1.0	0	0	1.0
Critical hours	70.9	1845.5	2080.6	2209.0	1698.6	2184.0	2184.0	1103.9
Indicator value	3.7	5.2	4.0	2.3	1.8	0.9	0.8	2.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



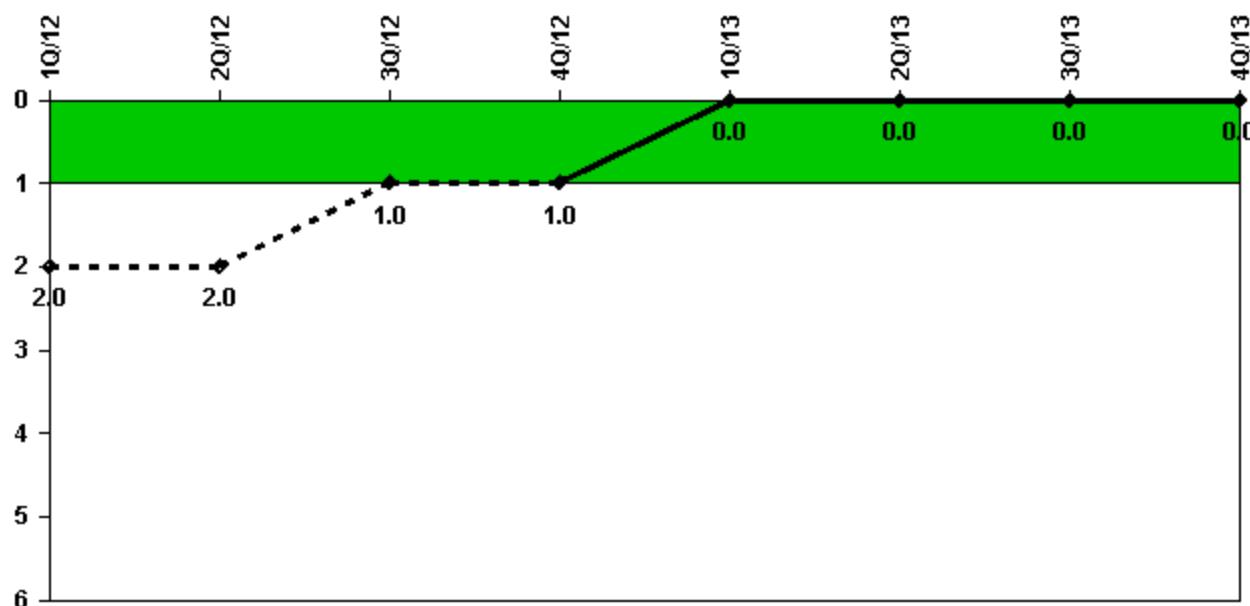
Thresholds: White > 6.0

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	0	0	0	0	0	0	0	1.0
Critical hours	70.9	1845.5	2080.6	2209.0	1698.6	2184.0	2184.0	1103.9
Indicator value	1.2	1.3	1.3	0	0	0	0	1.0

Licensee Comments: none

Unplanned Scrams with Complications



Thresholds: White > 1.0

Notes

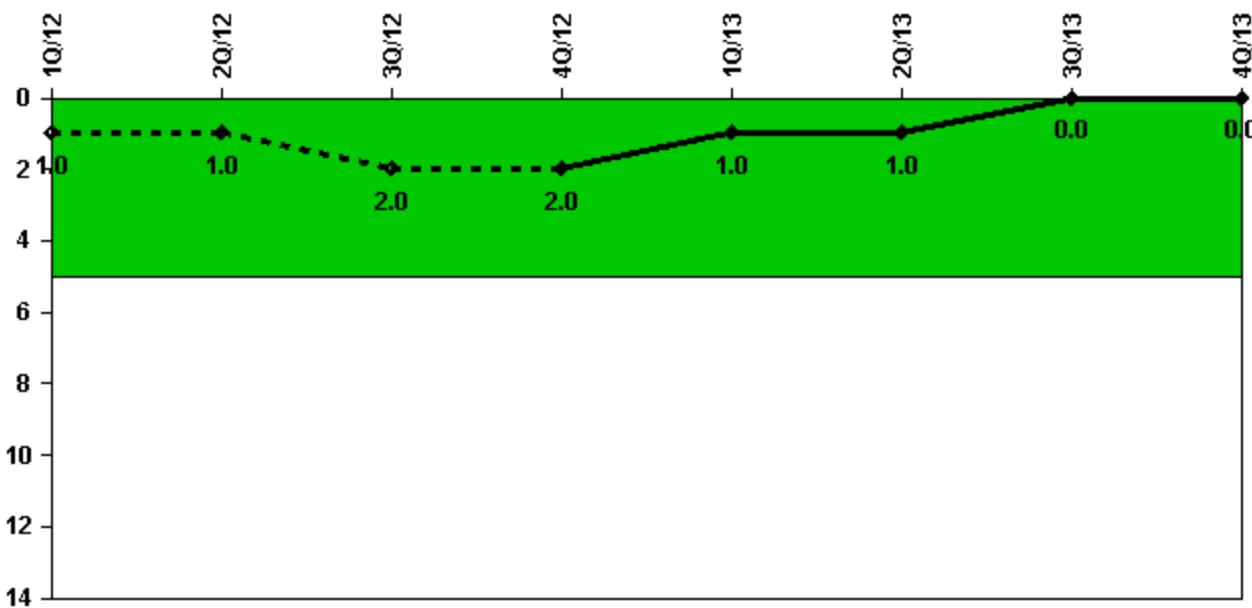
Unplanned Scrams with Complications	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Scrams with complications	1.0	0	0	0	0	0	0	0

Indicator value	2.0	2.0	1.0	1.0	0.0	0.0	0.0	0.0

Licensee Comments:

1Q/12: FPL is submitting a FAQ concerning the March USwC. This data element may be changed based on the outcome of the FAQ.

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

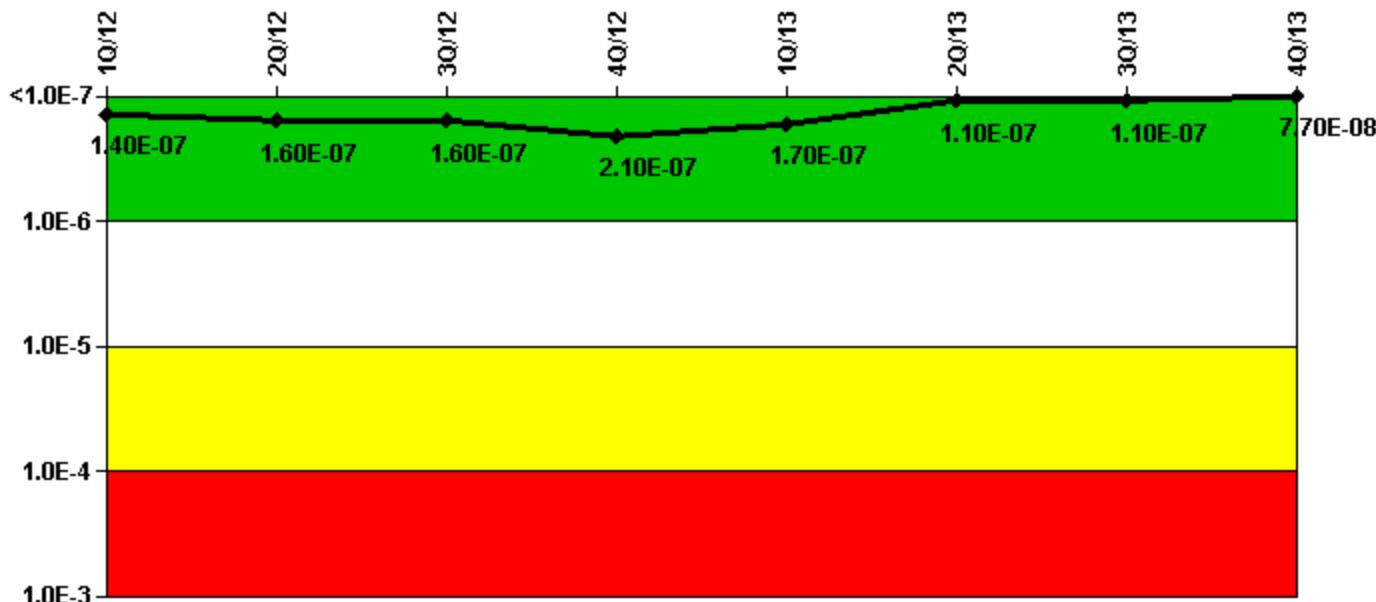
Safety System Functional Failures (PWR)	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Safety System Functional Failures	1	0	1	0	0	0	0	0
Indicator value	1	1	2	2	1	1	0	0

Licensee Comments:

3Q/12: August SSFF documented in LER 50-355/2012-007-00

1Q/12: Jan SSFF documented in LER 50-335/2011-003-00

Mitigating Systems Performance Index, Emergency AC Power System



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

Notes

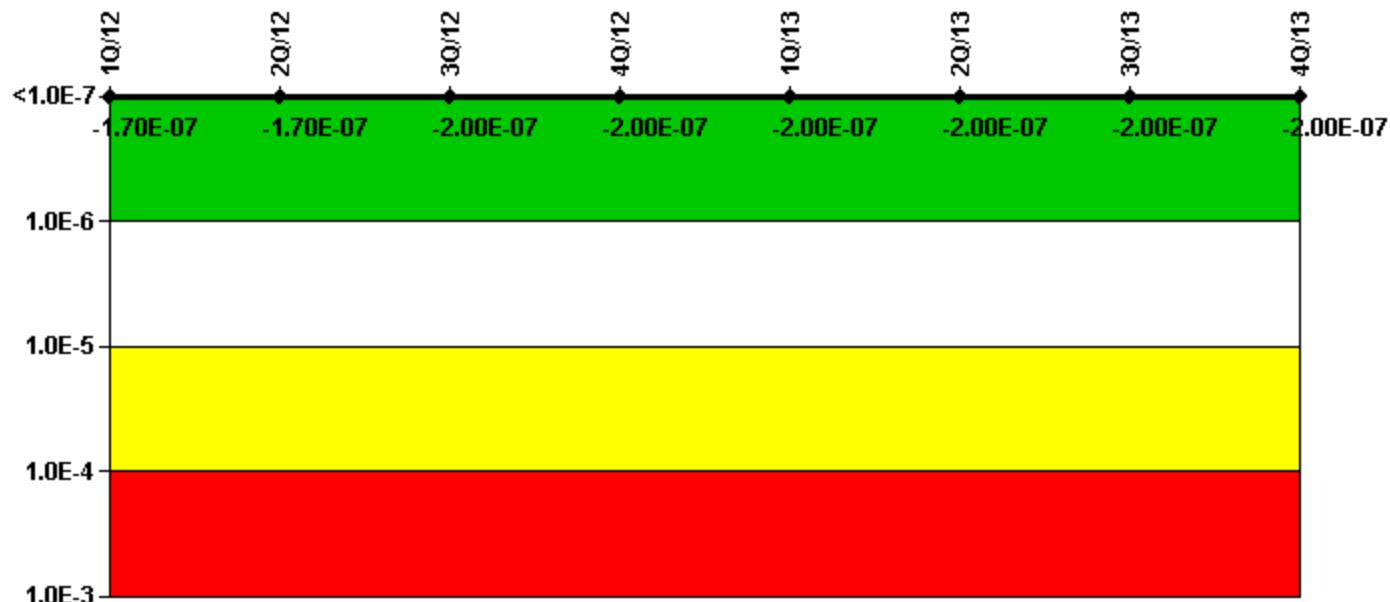
Mitigating Systems Performance Index, Emergency AC Power System	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
UAI (Δ CDF)	4.63E-08	5.21E-08	7.22E-08	8.54E-08	8.64E-08	6.20E-08	5.61E-08	2.50E-08
URI (Δ CDF)	9.44E-08	1.12E-07	8.54E-08	1.22E-07	8.62E-08	5.06E-08	5.10E-08	5.15E-08
PLE	NO							
Indicator value	1.40E-07	1.60E-07	1.60E-07	2.10E-07	1.70E-07	1.10E-07	1.10E-07	7.70E-08

Licensee Comments:

4Q/12: October 2012 Failure not originally submitted with 4Q/2012 Data Submittal. The failure record was entered January 2014. Subsequent change files are associated with the new MSPI calculations.

3Q/12: 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

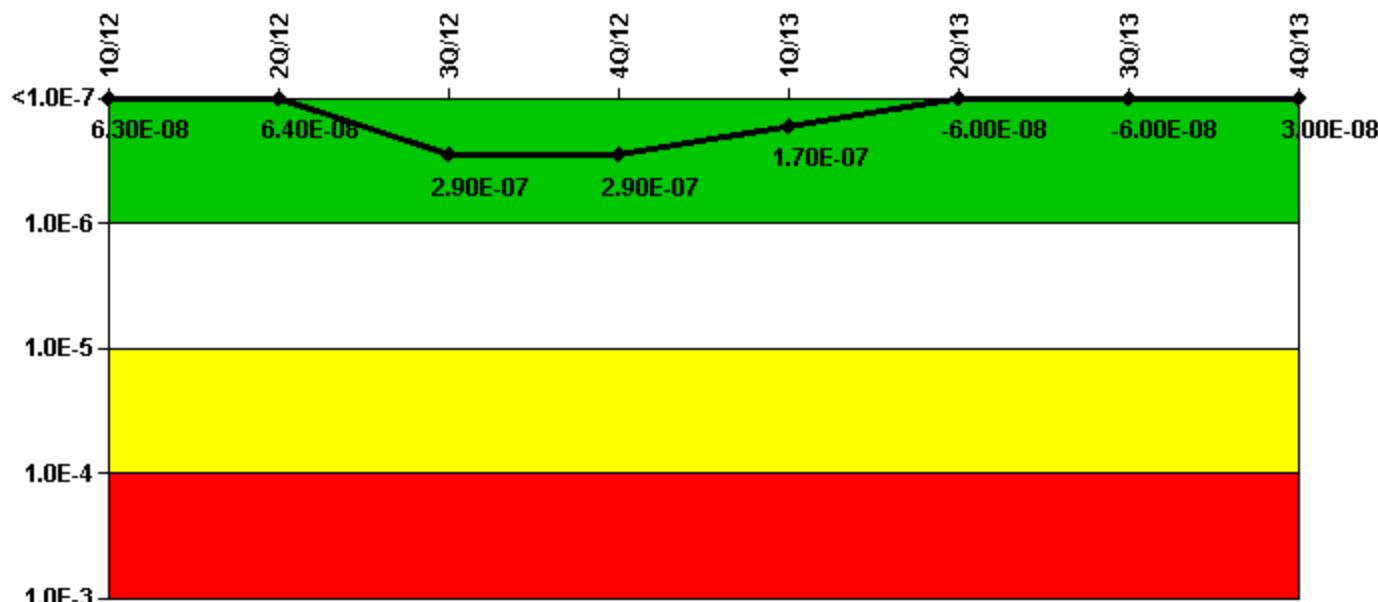
Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
UAI (Δ CDF)	-4.62E-08	-4.40E-08	-3.36E-08	-3.36E-08	-3.36E-08	-3.36E-08	-3.36E-08	-3.36E-08
URI (Δ CDF)	-1.28E-07	-1.28E-07	-1.63E-07	-1.63E-07	-1.63E-07	-1.63E-07	-1.63E-07	-1.63E-07
PLE	NO							
Indicator value	-1.70E-07	-1.70E-07	-2.00E-07	-2.00E-07	-2.00E-07	-2.00E-07	-2.00E-07	-2.00E-07

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



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

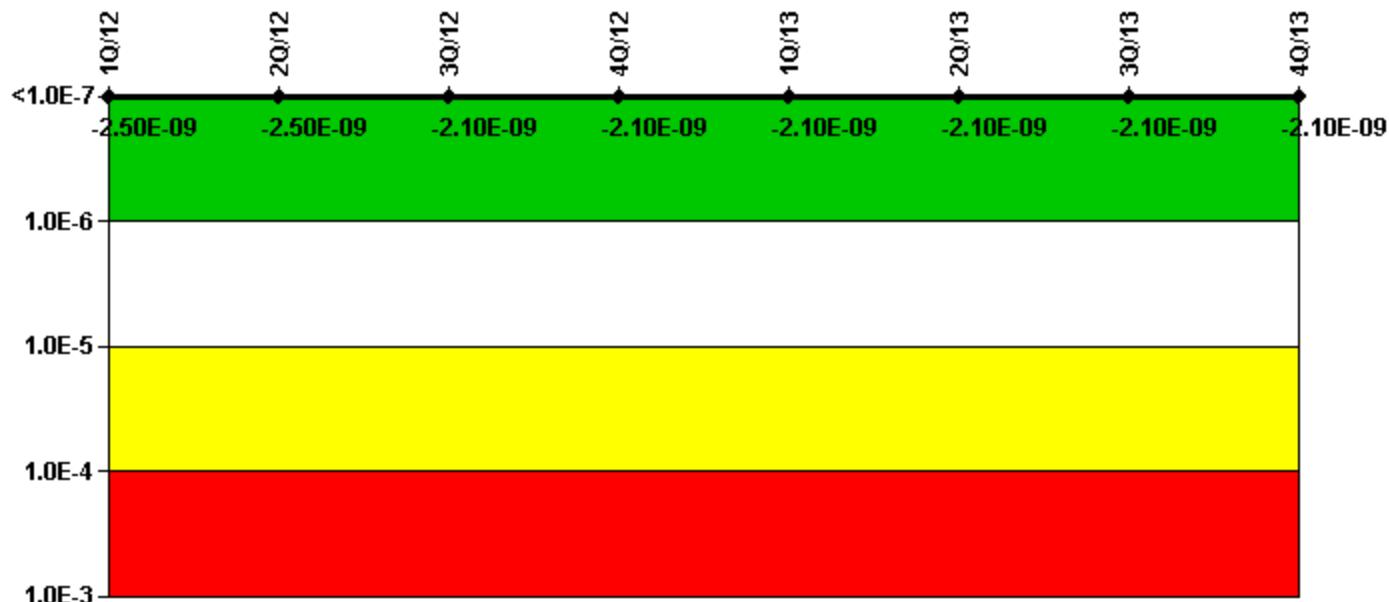
Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
UAI (Δ CDF)	9.09E-09	9.31E-09	1.45E-08	1.45E-08	1.15E-08	-1.31E-08	-1.30E-08	-9.39E-09
URI (Δ CDF)	5.42E-08	5.42E-08	2.73E-07	2.73E-07	1.56E-07	-4.67E-08	-4.67E-08	3.92E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	6.30E-08	6.40E-08	2.90E-07	2.90E-07	1.70E-07	-6.00E-08	-6.00E-08	3.00E-08

Licensee Comments:

3Q/12: Changed PRA Parameter(s). Q3 2012, Unit 1 AFW excluded MV-08-13 and MV-08-14 from scope due to low birnbaum, manual recovery action only. Unit 2 AFW excluded MV-09-13 and MV-09-14 from scope

Mitigating Systems Performance Index, Residual Heat Removal System



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

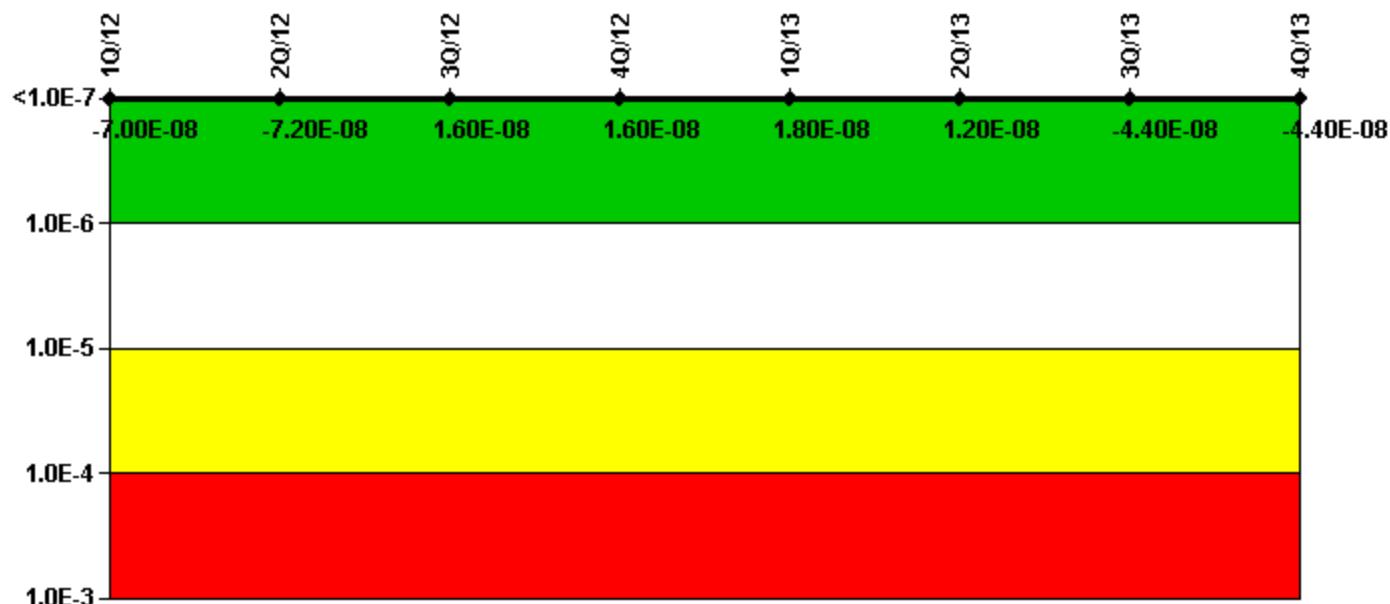
Notes

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 (Δ CDF)	-2.81E-10	-2.81E-10	-1.41E-10	-1.41E-10	-1.41E-10	-1.41E-10	-1.41E-10	-1.41E-10
URI (Δ CDF)	-2.25E-09	-2.25E-09	-1.96E-09	-1.96E-09	-1.96E-09	-1.96E-09	-1.96E-09	-1.96E-09
PLE	NO							
Indicator value	-2.50E-09	-2.50E-09	-2.10E-09	-2.10E-09	-2.10E-09	-2.10E-09	-2.10E-09	-2.10E-09

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



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

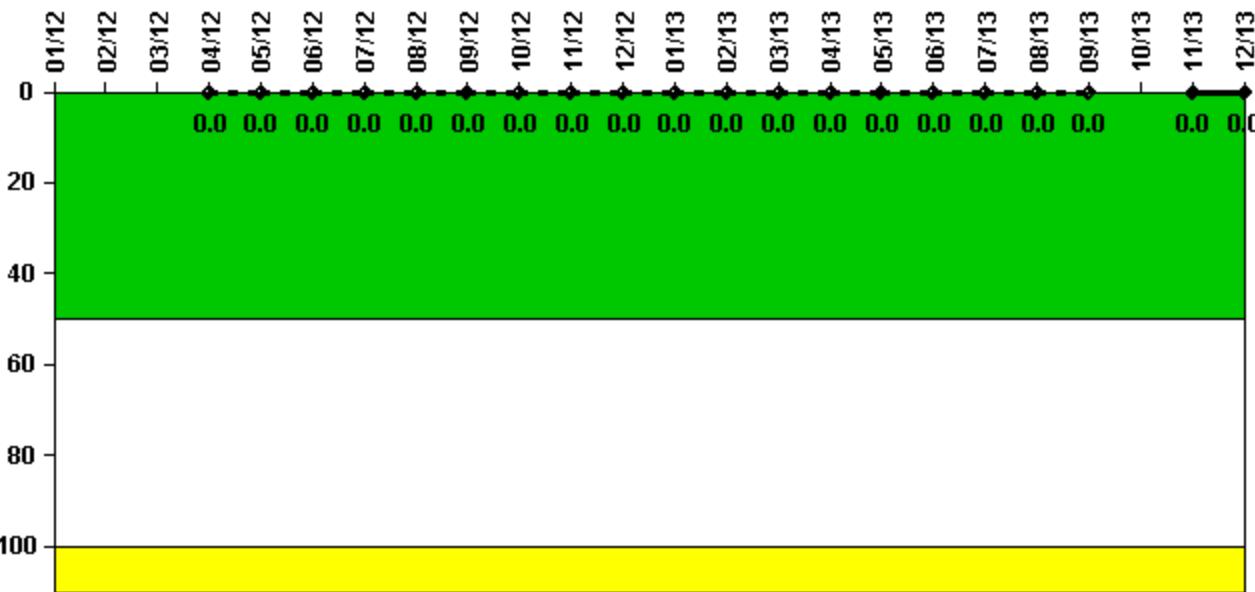
Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
UAI (Δ CDF)	-3.42E-08	-3.60E-08	2.84E-08	2.85E-08	2.98E-08	2.40E-08	-3.22E-08	-3.22E-08
URI (Δ CDF)	-3.55E-08	-3.55E-08	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-7.00E-08	-7.20E-08	1.60E-08	1.60E-08	1.80E-08	1.20E-08	-4.40E-08	-4.40E-08

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Reactor Coolant System Activity



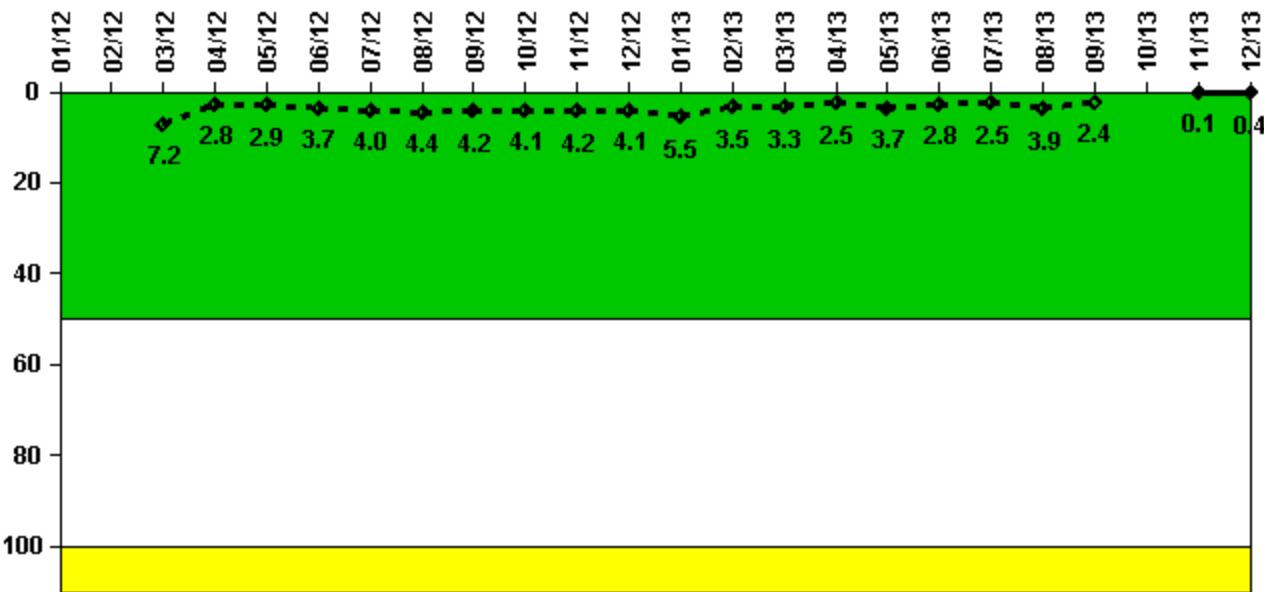
Thresholds: White > 50.0 Yellow > 100.0

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		N/A	N/A	N/A	0.000031	0.000115	0.000194	0.000221	0.000293	0.000323	0.000429	0.000299	0.000304
Technical specification limit		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value		N/A	N/A	N/A	0	0	0	0	0	0	0	0	0
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		0.000329	0.000310	0.000324	0.000329	0.000354	0.000325	0.000340	0.000391	0.000409	N/A	0.000222	0.000221
Technical specification limit		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value		0	0	0	0	0	0	0	0	0	N/A	0	0

Licensee Comments: none

Reactor Coolant System Leakage



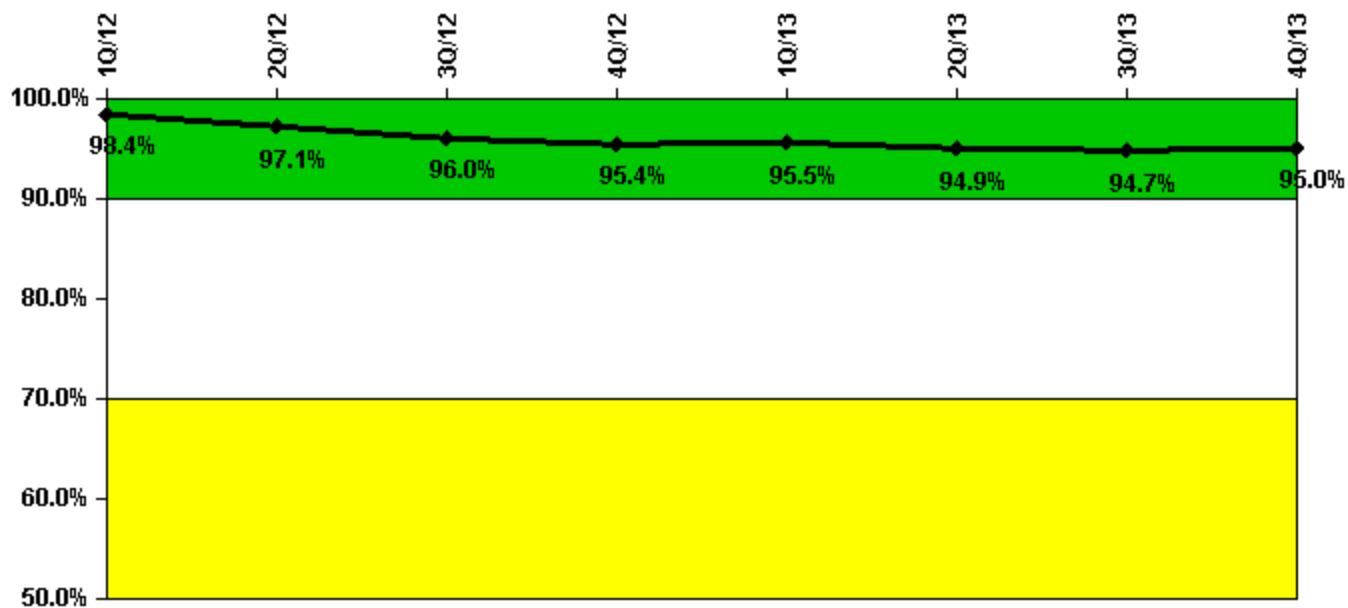
Thresholds: White > 50.0 Yellow > 100.0

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	N/A	N/A	0.720	0.275	0.285	0.369	0.398	0.443	0.423	0.410	0.420	0.410
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	N/A	N/A	7.2	2.8	2.9	3.7	4.0	4.4	4.2	4.1	4.2	4.1
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	0.551	0.346	0.329	0.249	0.374	0.280	0.249	0.389	0.240	N/A	0.010	0.042
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	5.5	3.5	3.3	2.5	3.7	2.8	2.5	3.9	2.4	N/A	0.1	0.4

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

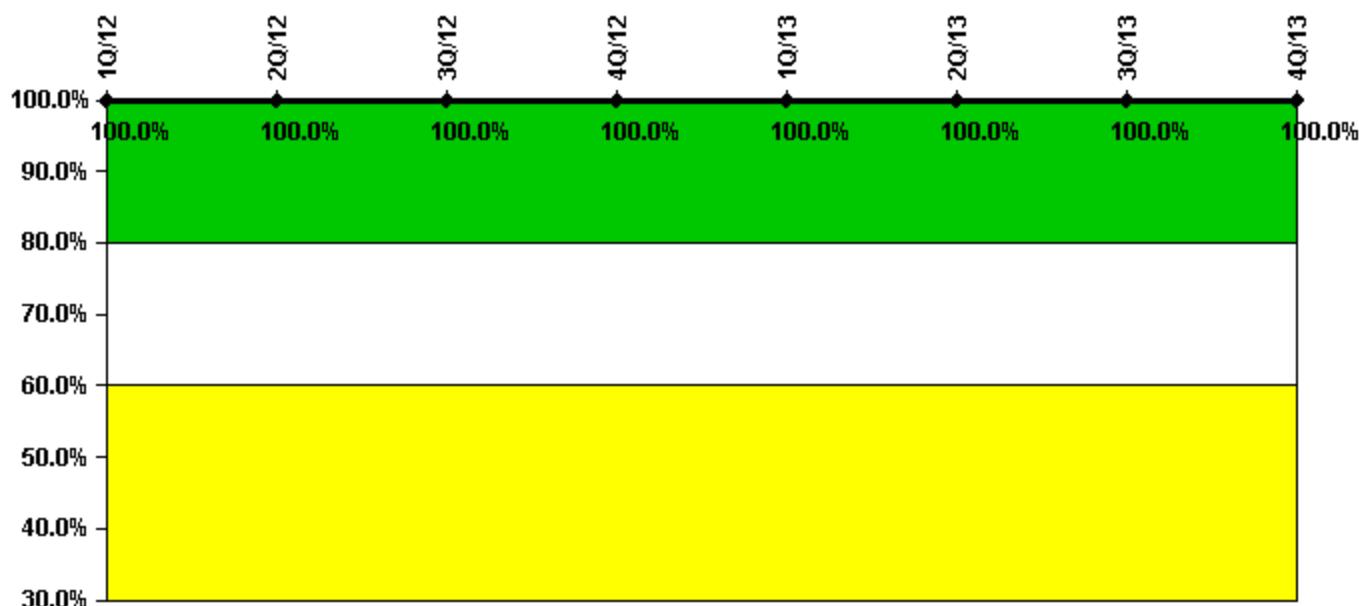
Notes

Drill/Exercise Performance	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Successful opportunities	0	69.0	49.0	0	95.0	56.0	79.0	29.0
Total opportunities	0	75.0	54.0	0	99.0	58.0	81.0	30.0
Indicator value	98.4%	97.1%	96.0%	95.4%	95.5%	94.9%	94.7%	95.0%

Licensee Comments:

2Q/13: Change to June 13 total drill, exercise and event opportunities

ERO Drill Participation



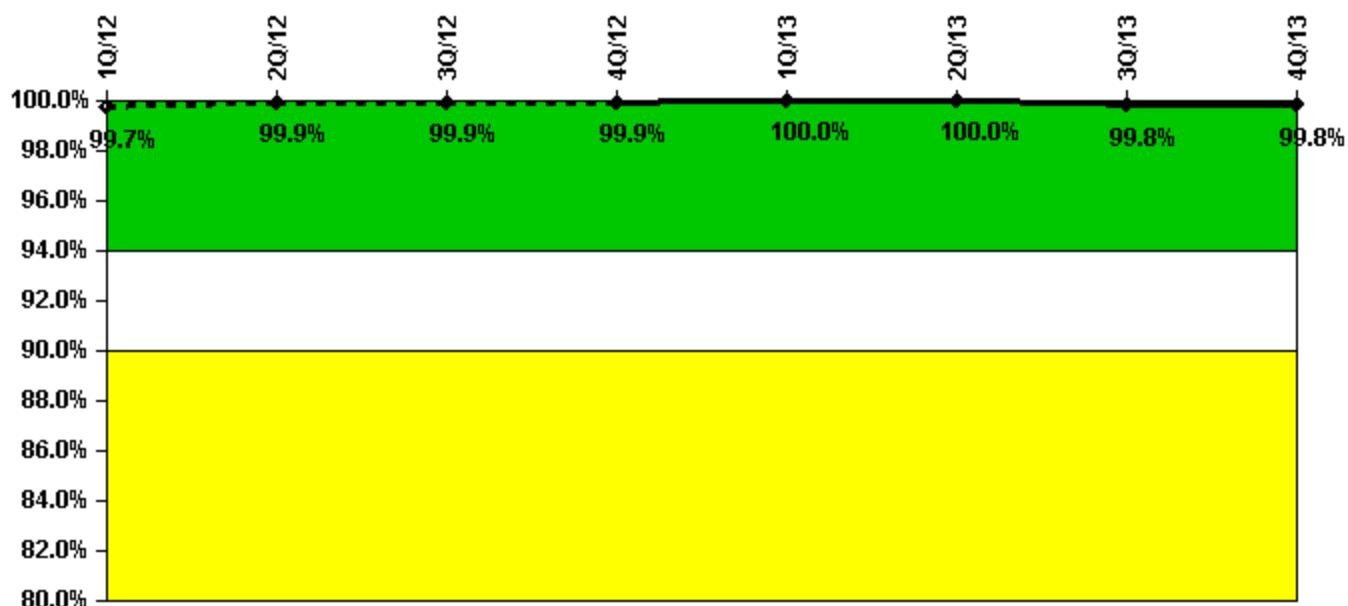
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Participating Key personnel	93.0	94.0	93.0	93.0	106.0	102.0	109.0	113.0
Total Key personnel	93.0	94.0	93.0	93.0	106.0	102.0	109.0	113.0
Indicator value	100.0%							

Licensee Comments: none

Alert & Notification System



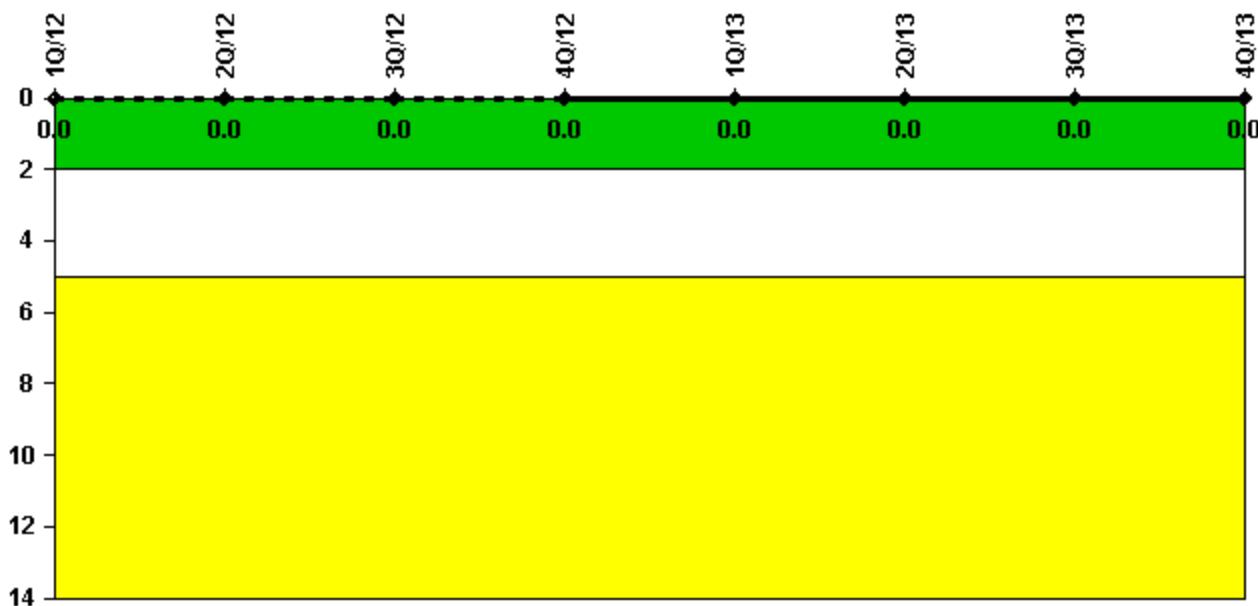
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Successful siren-tests	628	720	630	720	629	720	626	715
Total sirens-tests	630	720	630	720	630	720	630	715
Indicator value	99.7%	99.9%	99.9%	99.9%	100.0%	100.0%	99.8%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



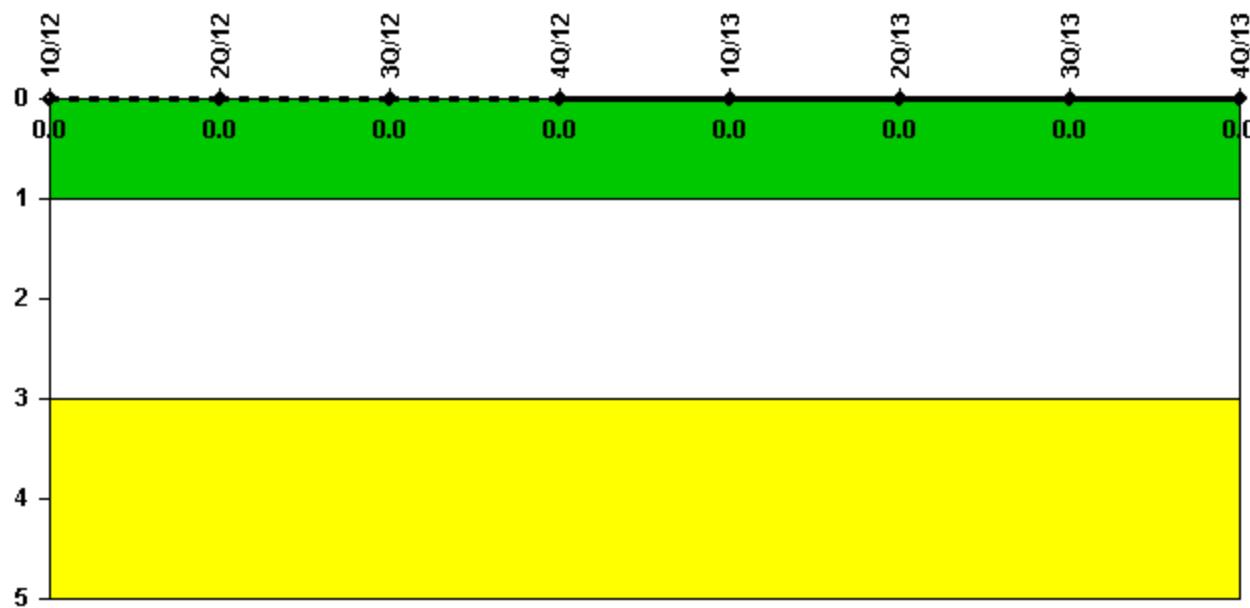
Thresholds: White > 2.0 Yellow > 5.0

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
Indicator value	0							

Licensee Comments: none

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
Indicator value	0							

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: January 22, 2014

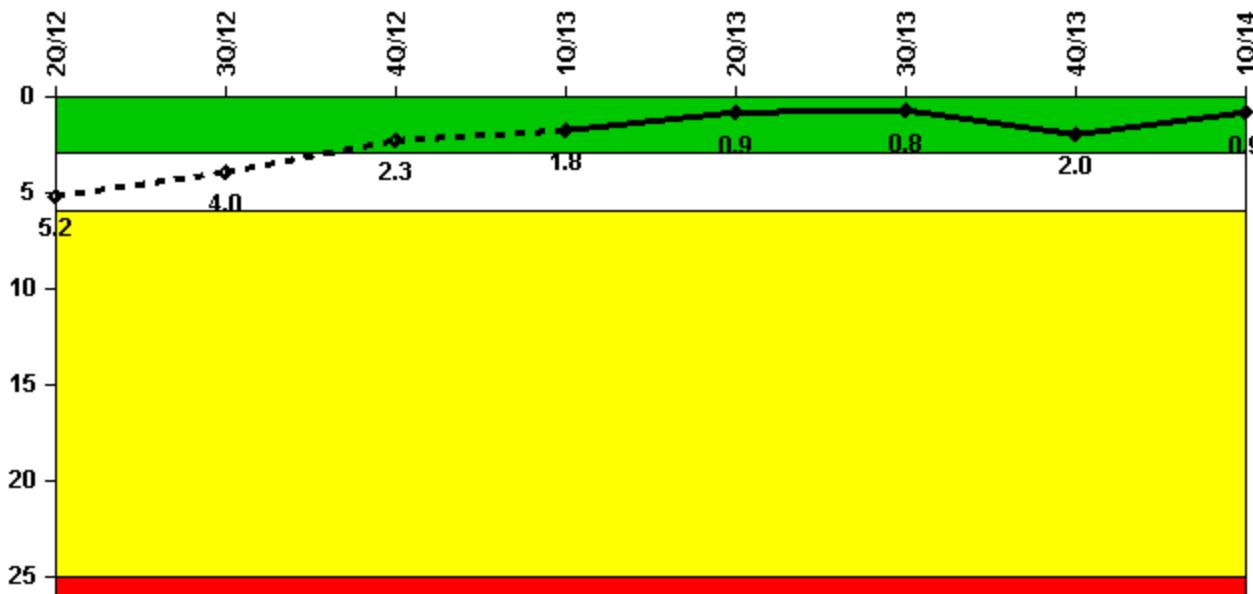
Saint Lucie 1

1Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



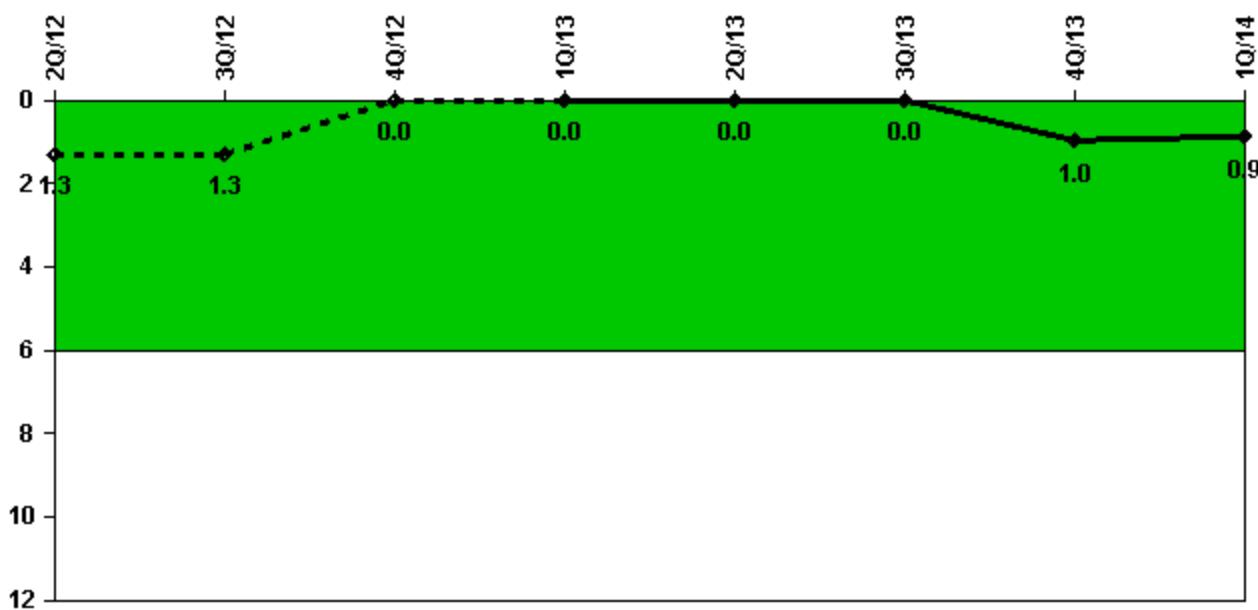
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	1.0	0	0	1.0	0
Critical hours	1845.5	2080.6	2209.0	1698.6	2184.0	2184.0	1103.9	2159.0
Indicator value	5.2	4.0	2.3	1.8	0.9	0.8	2.0	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



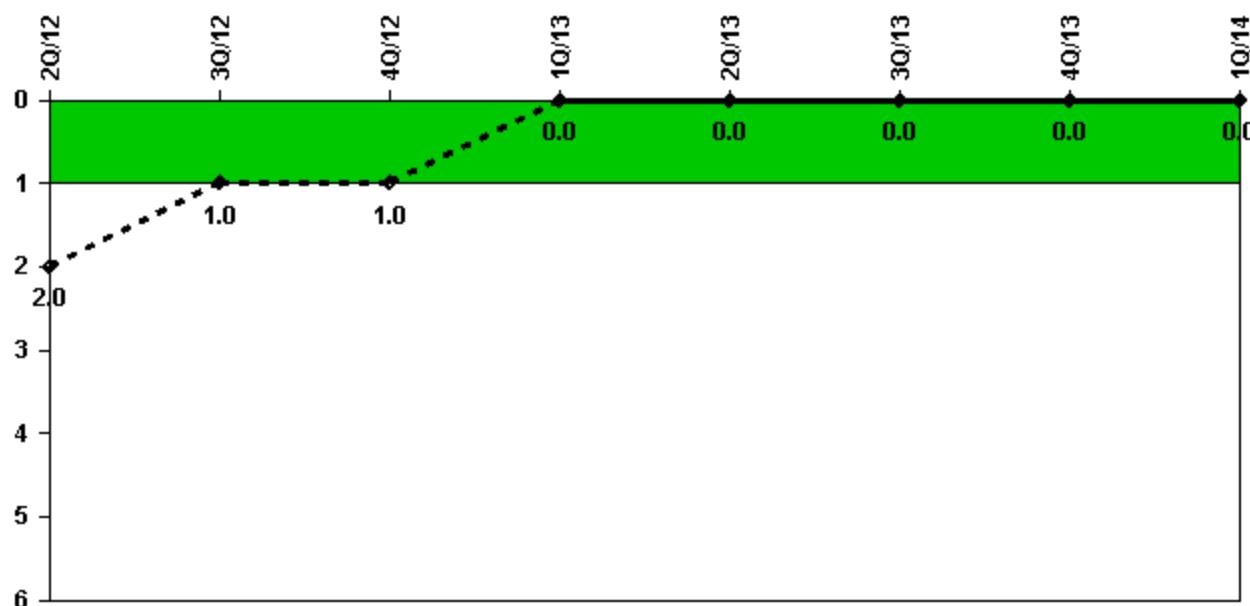
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Unplanned power changes	0	0	0	0	0	0	1.0	0
Critical hours	1845.5	2080.6	2209.0	1698.6	2184.0	2184.0	1103.9	2159.0
Indicator value	1.3	1.3	0	0	0	0	1.0	0.9

Licensee Comments: none

Unplanned Scrams with Complications



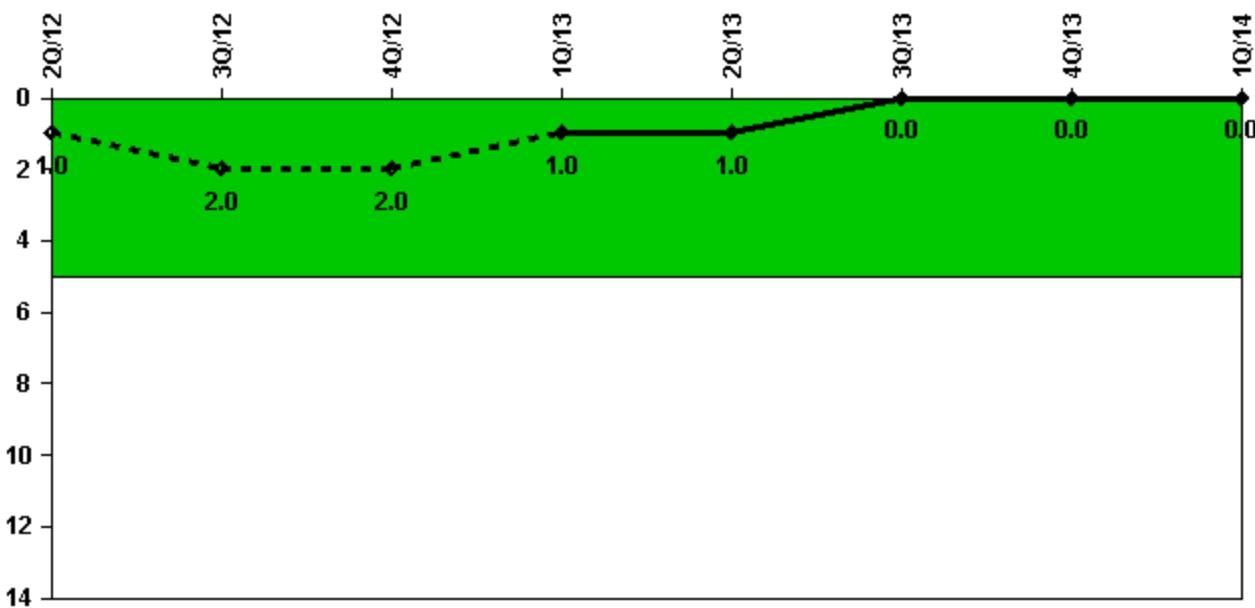
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	2.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

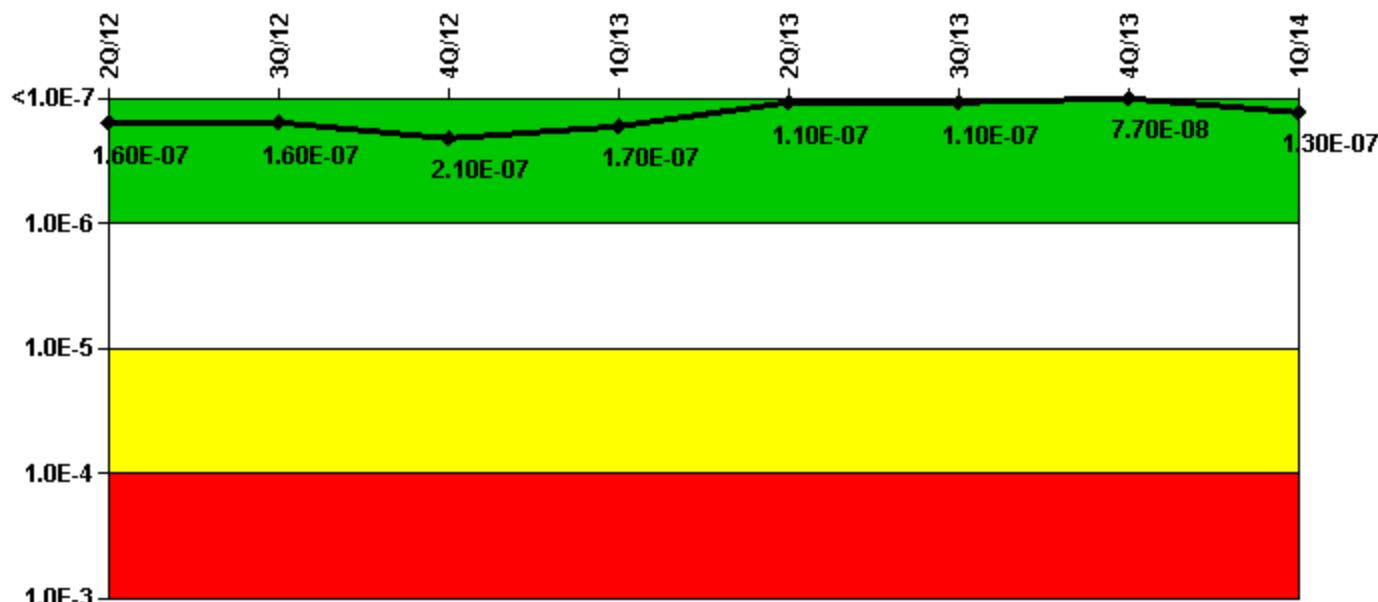
Notes

Safety System Functional Failures (PWR)	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Safety System Functional Failures	0	1	0	0	0	0	0	0
Indicator value	1	2	2	1	1	0	0	0

Licensee Comments:

3Q/12: August SSFF documented in LER 50-355/2012-007-00

Mitigating Systems Performance Index, Emergency AC Power System



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

Notes

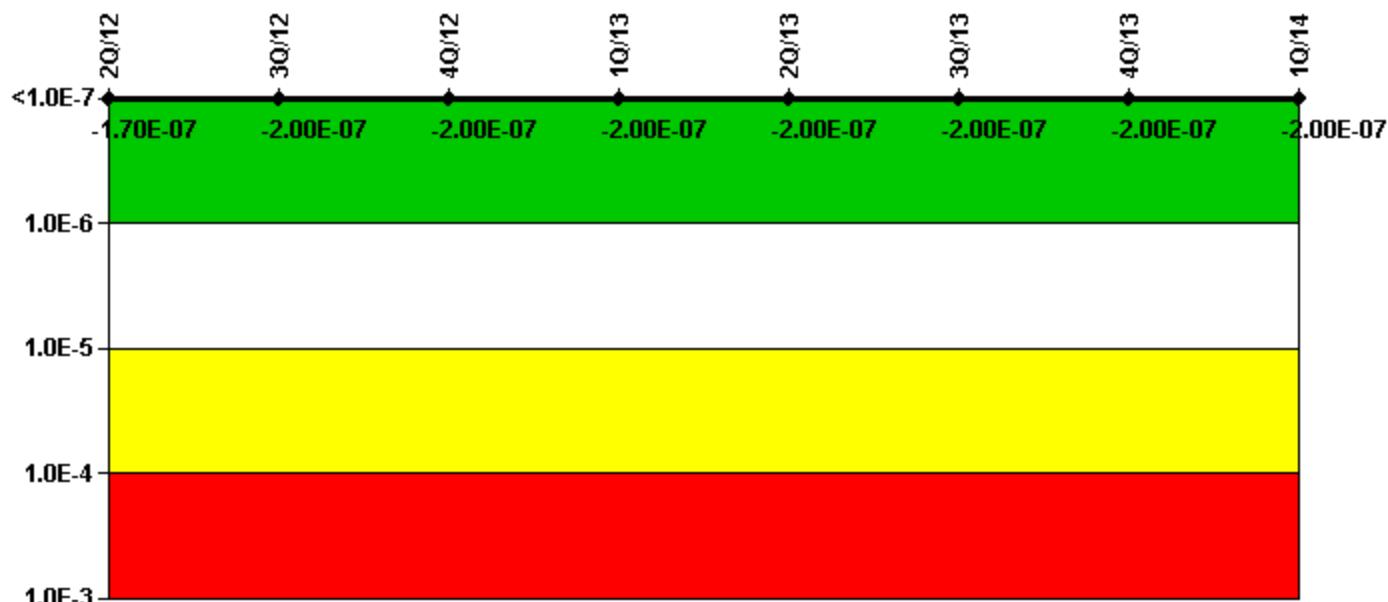
Mitigating Systems Performance Index, Emergency AC Power System	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
UAI (Δ CDF)	5.21E-08	7.22E-08	8.54E-08	8.64E-08	6.20E-08	5.61E-08	2.50E-08	4.20E-08
URI (Δ CDF)	1.12E-07	8.54E-08	1.22E-07	8.62E-08	5.06E-08	5.10E-08	5.15E-08	8.79E-08
PLE	NO							
Indicator value	1.60E-07	1.60E-07	2.10E-07	1.70E-07	1.10E-07	1.10E-07	7.70E-08	1.30E-07

Licensee Comments:

4Q/12: October 2012 Failure not originally submitted with 4Q/2012 Data Submittal. The failure record was entered January 2014. Subsequent change files are associated with the new MSPI calculations.

3Q/12: 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

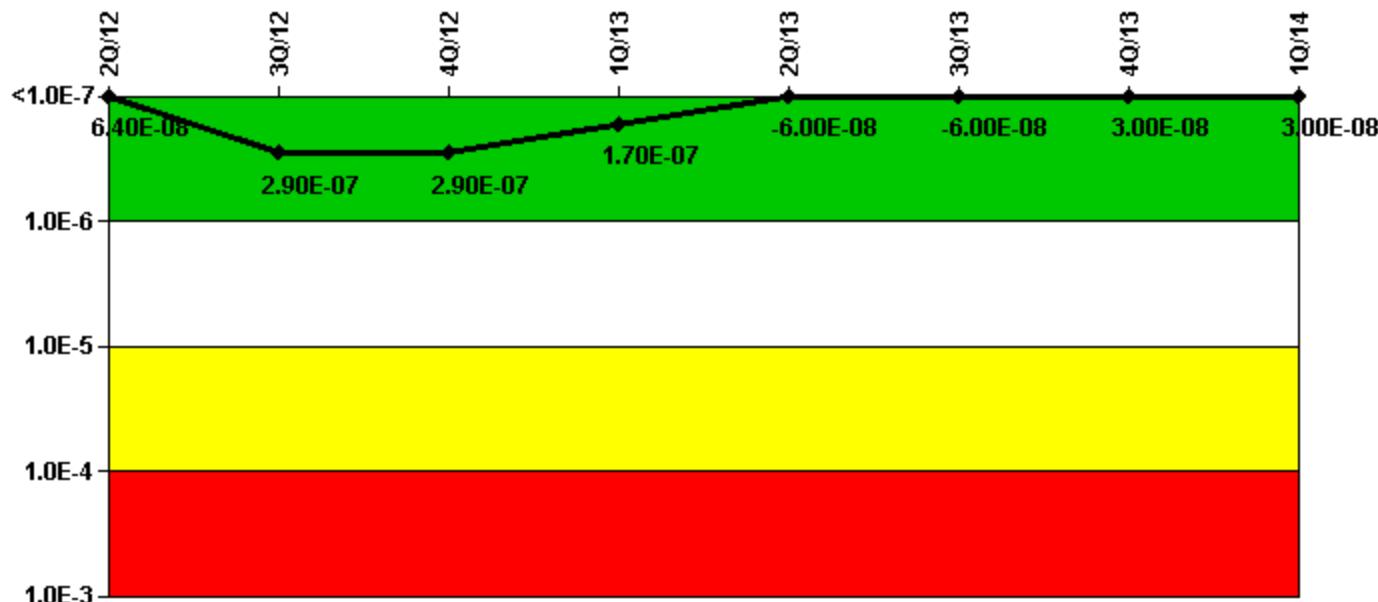
Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
UAI (Δ CDF)	-4.40E-08	-3.36E-08						
URI (Δ CDF)	-1.28E-07	-1.63E-07						
PLE	NO							
Indicator value	-1.70E-07	-2.00E-07						

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



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

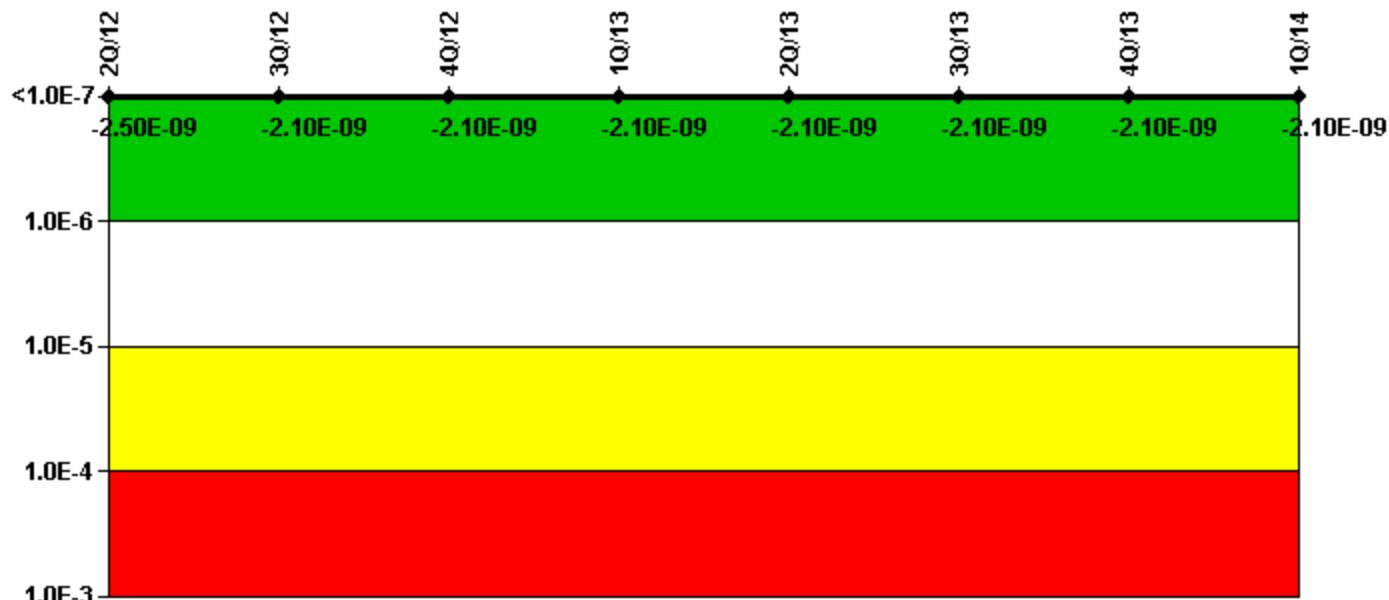
Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
UAI (Δ CDF)	9.31E-09	1.45E-08	1.45E-08	1.15E-08	-1.31E-08	-1.30E-08	-9.39E-09	-9.39E-09
URI (Δ CDF)	5.42E-08	2.73E-07	2.73E-07	1.56E-07	-4.67E-08	-4.67E-08	3.92E-08	3.92E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	6.40E-08	2.90E-07	2.90E-07	1.70E-07	-6.00E-08	-6.00E-08	3.00E-08	3.00E-08

Licensee Comments:

3Q/12: Changed PRA Parameter(s). Q3 2012, Unit 1 AFW excluded MV-08-13 and MV-08-14 from scope due to low birnbaum, manual recovery action only. Unit 2 AFW excluded MV-09-13 and MV-09-14 from scope

Mitigating Systems Performance Index, Residual Heat Removal System



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

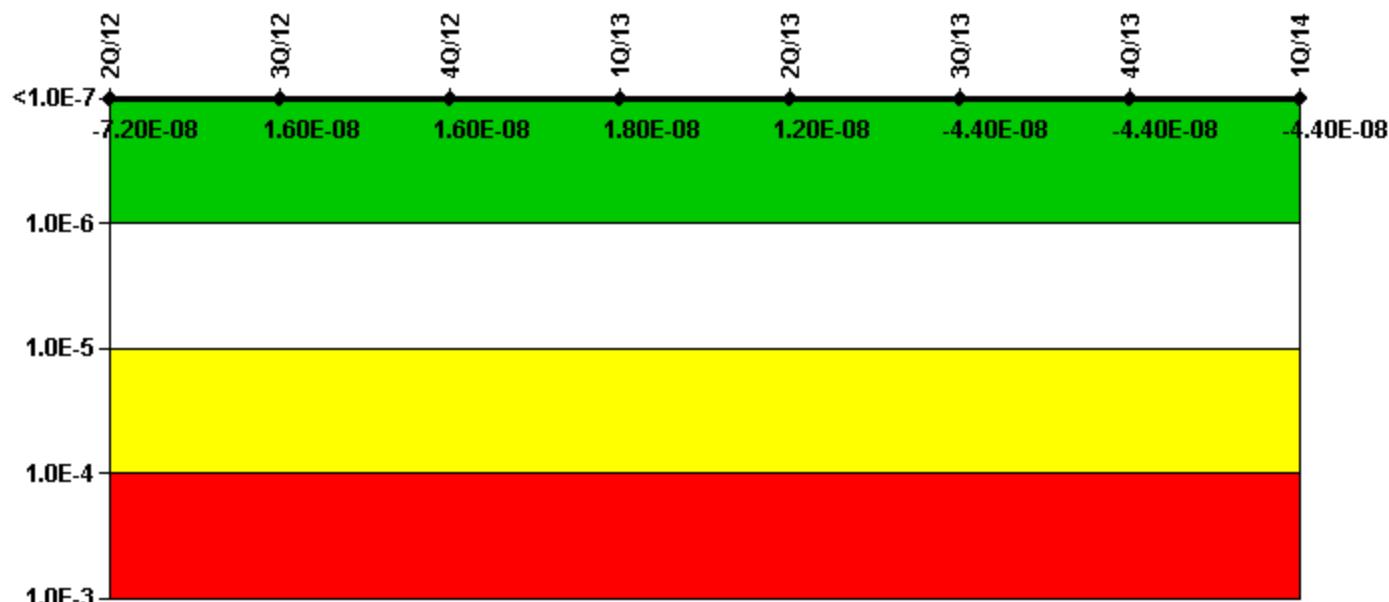
Notes

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 (Δ CDF)	-2.81E-10	-1.41E-10						
URI (Δ CDF)	-2.25E-09	-1.96E-09						
PLE	NO							
Indicator value	-2.50E-09	-2.10E-09						

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



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

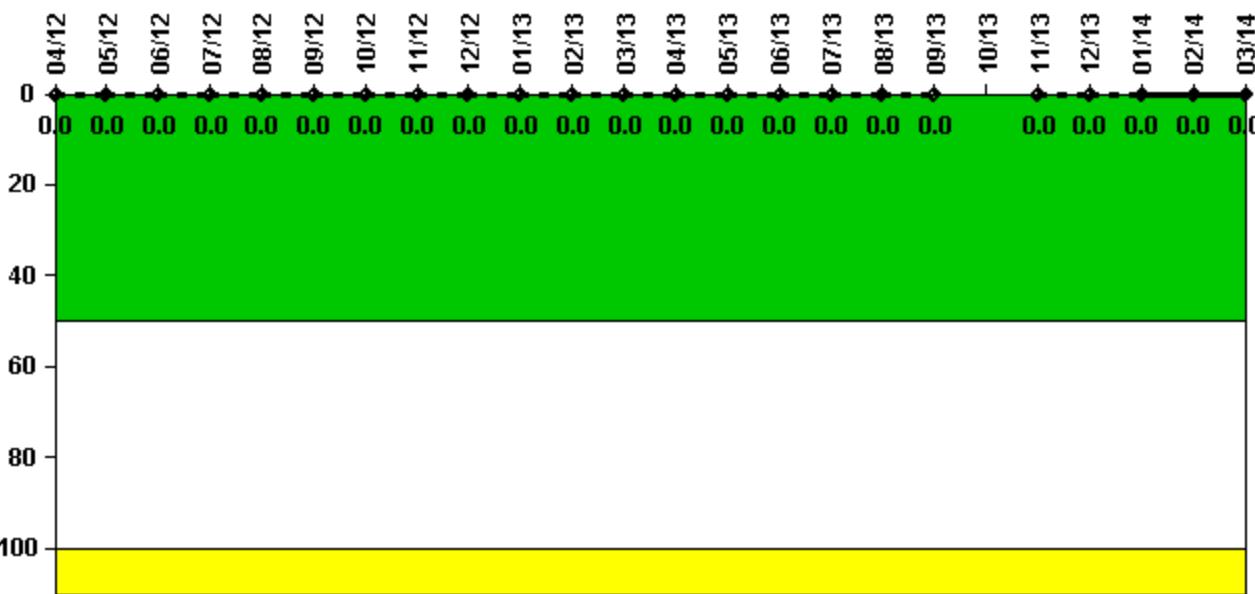
Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
UAI (Δ CDF)	-3.60E-08	2.84E-08	2.85E-08	2.98E-08	2.40E-08	-3.22E-08	-3.22E-08	-3.22E-08
URI (Δ CDF)	-3.55E-08	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-7.20E-08	1.60E-08	1.60E-08	1.80E-08	1.20E-08	-4.40E-08	-4.40E-08	-4.40E-08

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Reactor Coolant System Activity



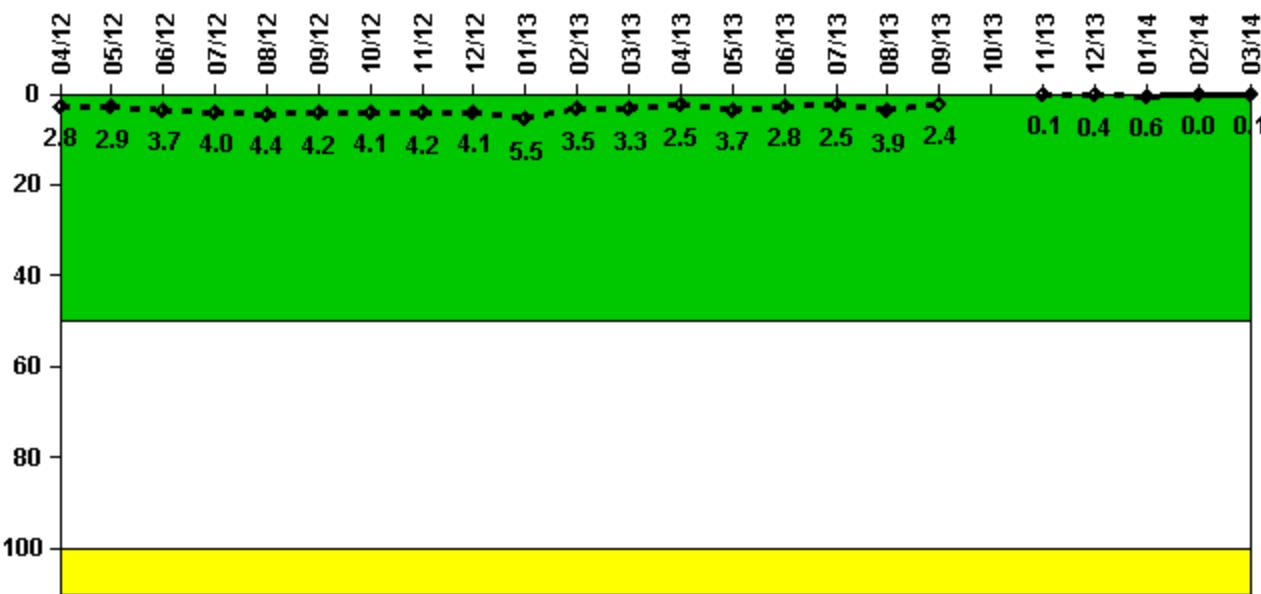
Thresholds: White > 50.0 Yellow > 100.0

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	0.000031	0.000115	0.000194	0.000221	0.000293	0.000323	0.000429	0.000299	0.000304	0.000329	0.000310	0.000324
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
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	0.000329	0.000354	0.000325	0.000340	0.000391	0.000409	N/A	0.000222	0.000221	0.000241	0.000280	0.000327
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	N/A	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

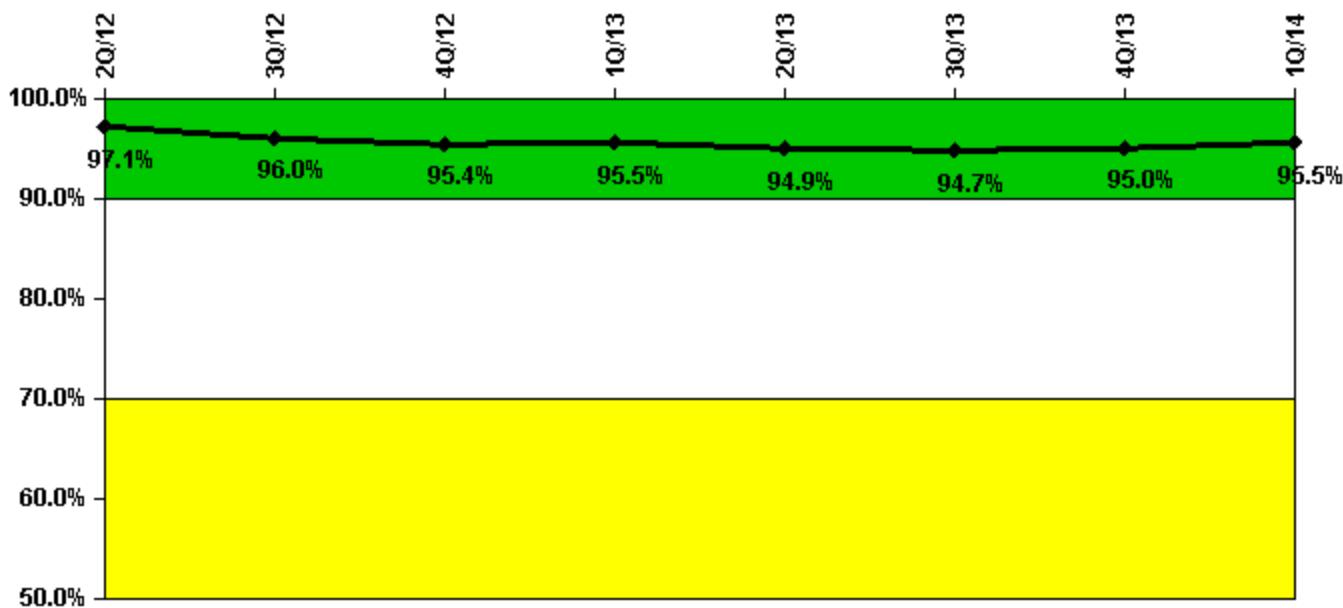
Notes

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	0.275	0.285	0.369	0.398	0.443	0.423	0.410	0.420	0.410	0.551	0.346	0.329
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.8	2.9	3.7	4.0	4.4	4.2	4.1	4.2	4.1	5.5	3.5	3.3

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	0.249	0.374	0.280	0.249	0.389	0.240	N/A	0.010	0.042	0.063	0.003	0.010
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.5	3.7	2.8	2.5	3.9	2.4	N/A	0.1	0.4	0.6	0	0.1

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

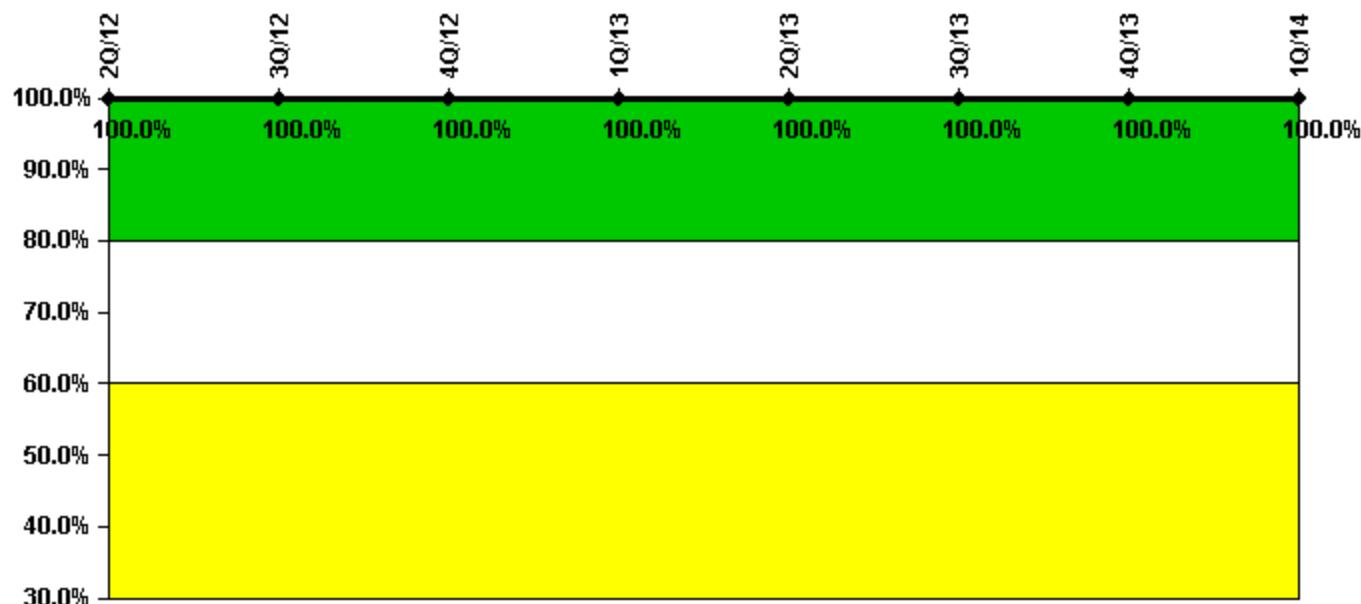
Notes

Drill/Exercise Performance	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Successful opportunities	69.0	49.0	0	95.0	56.0	79.0	29.0	50.0
Total opportunities	75.0	54.0	0	99.0	58.0	81.0	30.0	50.0
Indicator value	97.1%	96.0%	95.4%	95.5%	94.9%	94.7%	95.0%	95.5%

Licensee Comments:

2Q/13: Change to June 13 total drill, exercise and event opportunities

ERO Drill Participation



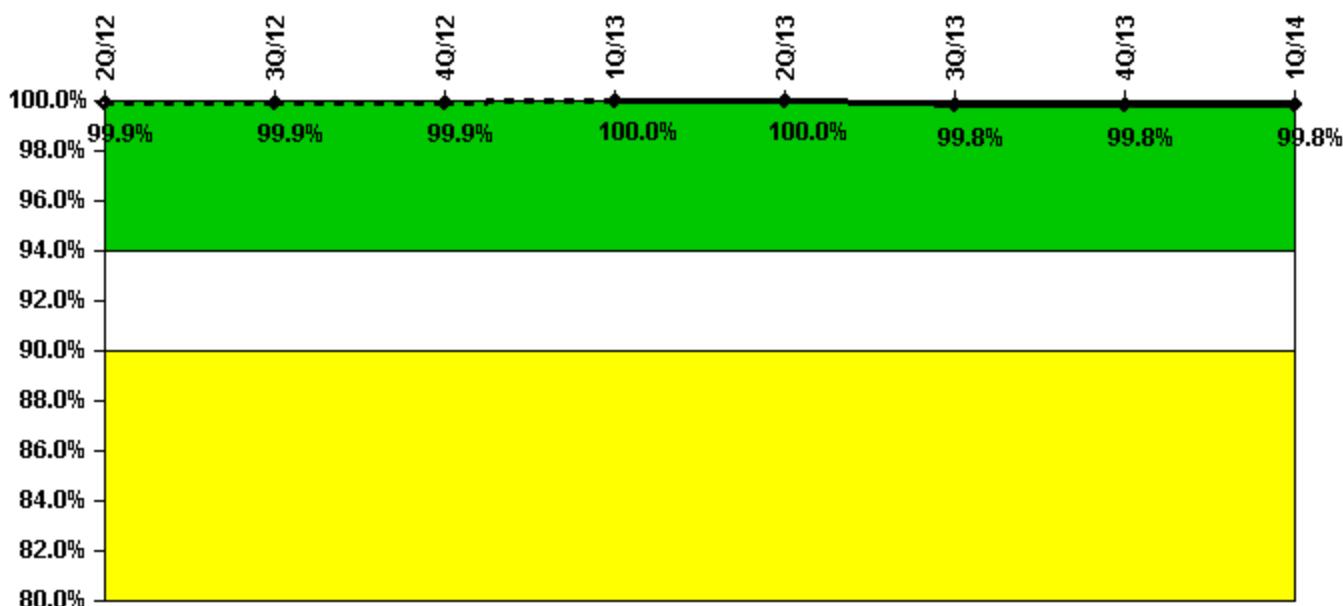
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Participating Key personnel	94.0	93.0	93.0	106.0	102.0	109.0	113.0	114.0
Total Key personnel	94.0	93.0	93.0	106.0	102.0	109.0	113.0	114.0
Indicator value	100.0%							

Licensee Comments: none

Alert & Notification System



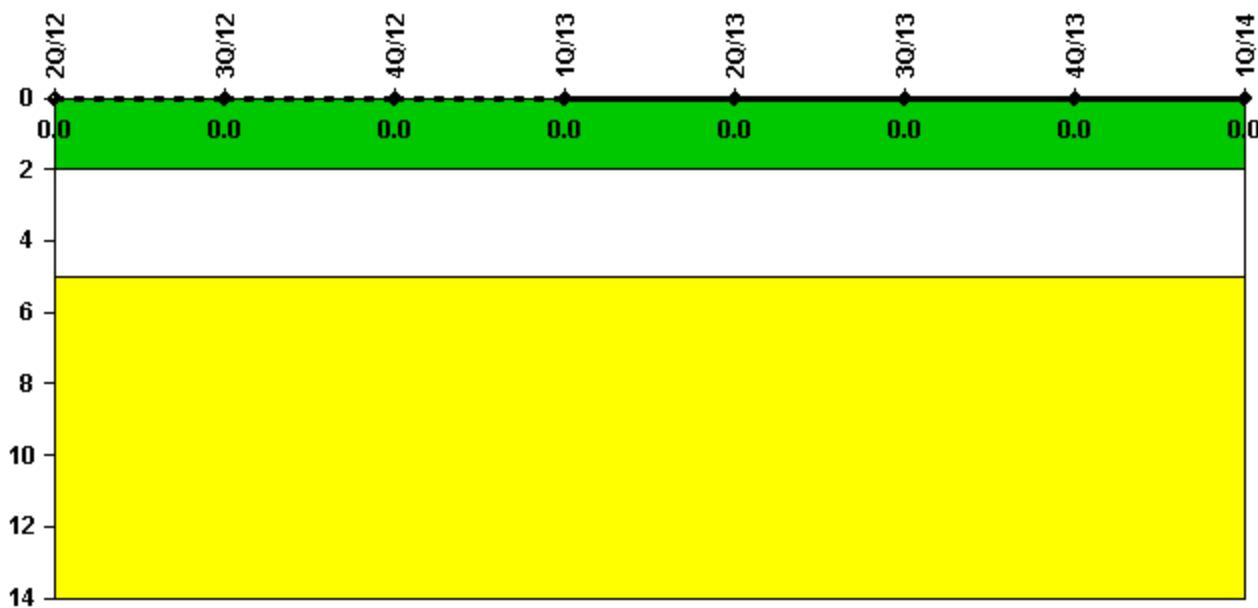
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Successful siren-tests	720	630	720	629	720	626	715	719
Total sirens-tests	720	630	720	630	720	630	715	720
Indicator value	99.9%	99.9%	99.9%	100.0%	100.0%	99.8%	99.8%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



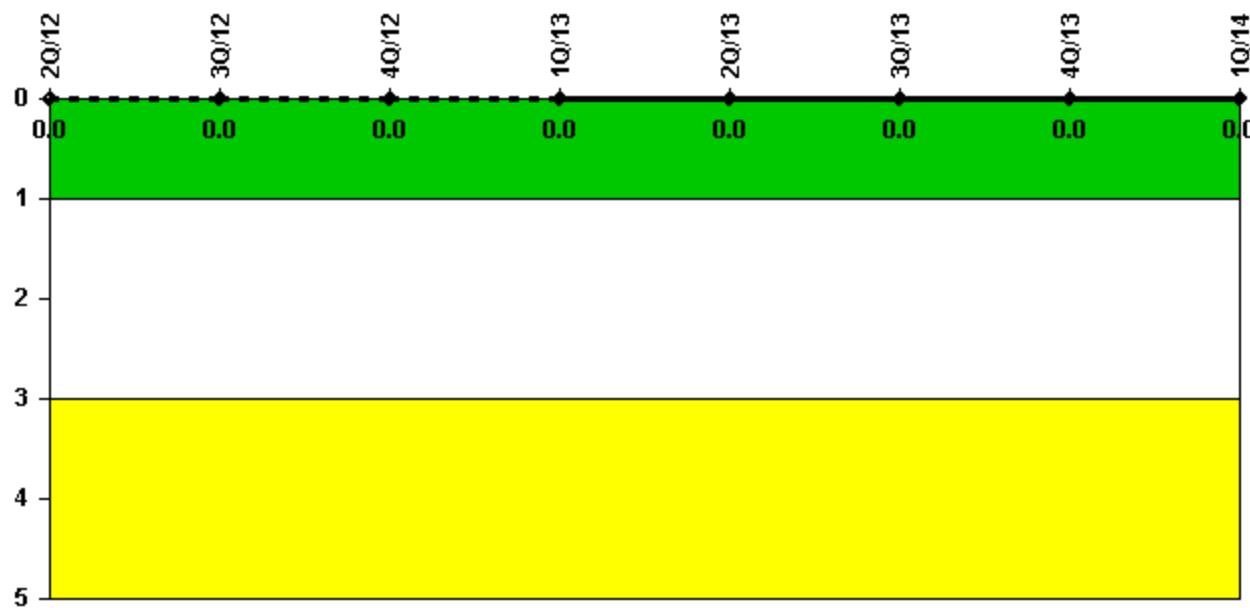
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/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
Indicator value	0							

Licensee Comments: none

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
Indicator value	0							

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](#)

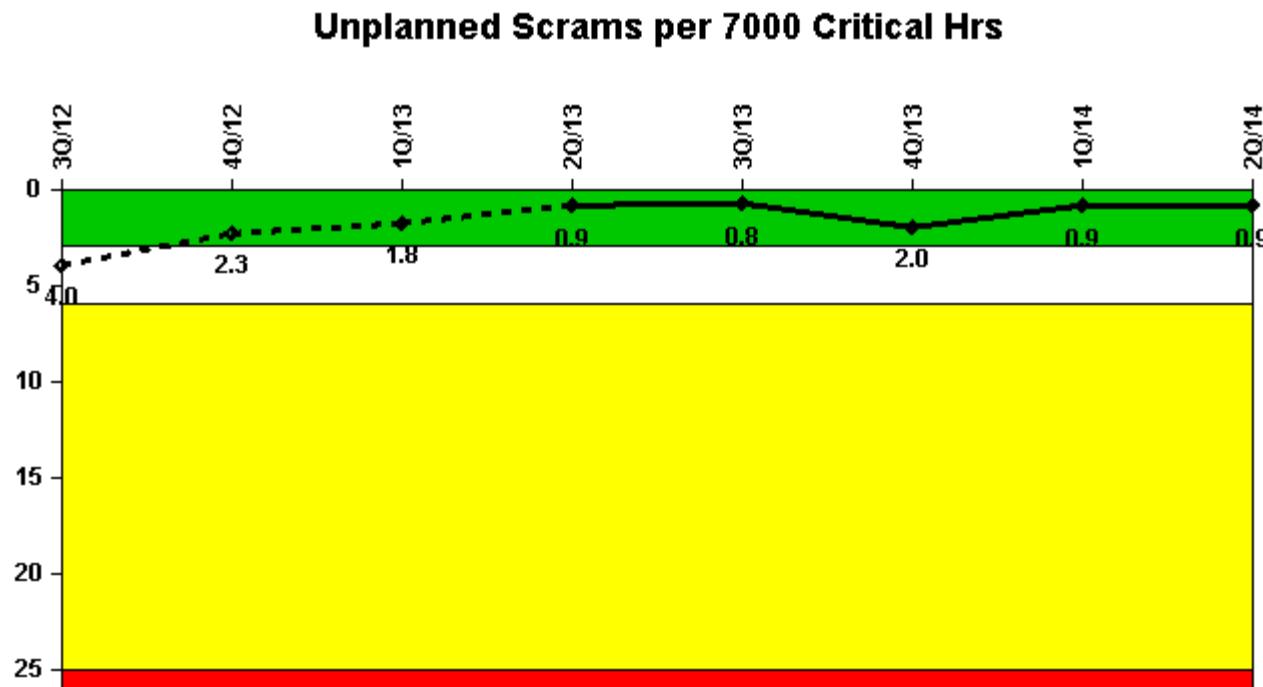
Last Modified: April 23, 2014

Saint Lucie 1

2Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none



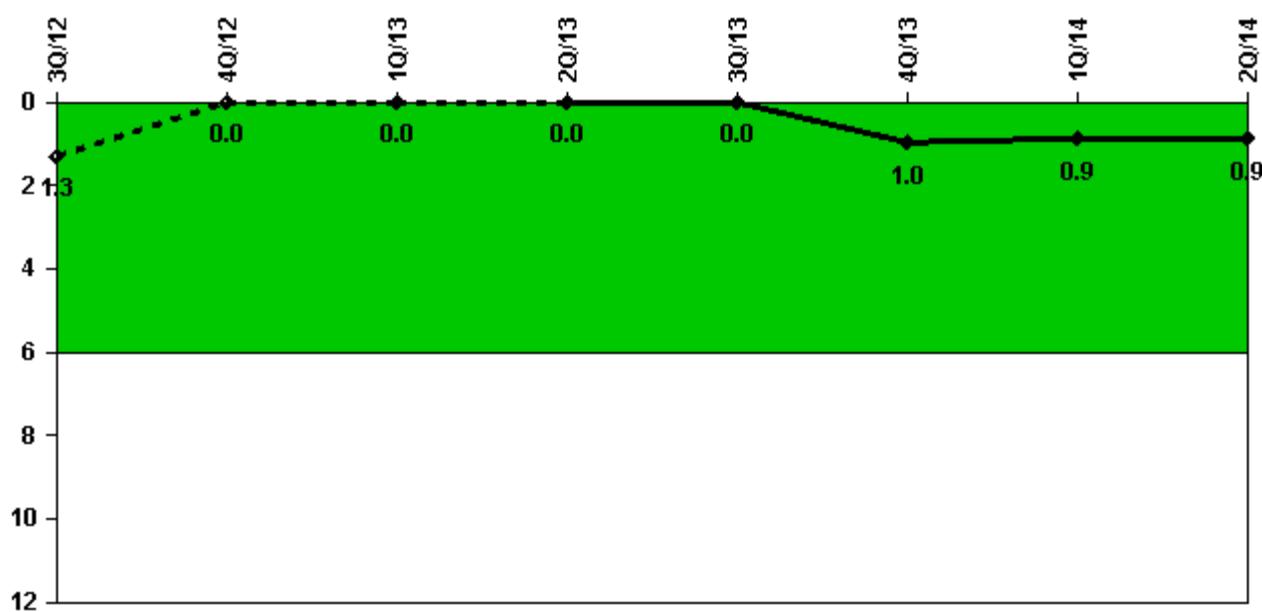
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	1.0	0	0
Critical hours	2080.6	2209.0	1698.6	2184.0	2184.0	1103.9	2159.0	2184.0
Indicator value	4.0	2.3	1.8	0.9	0.8	2.0	0.9	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

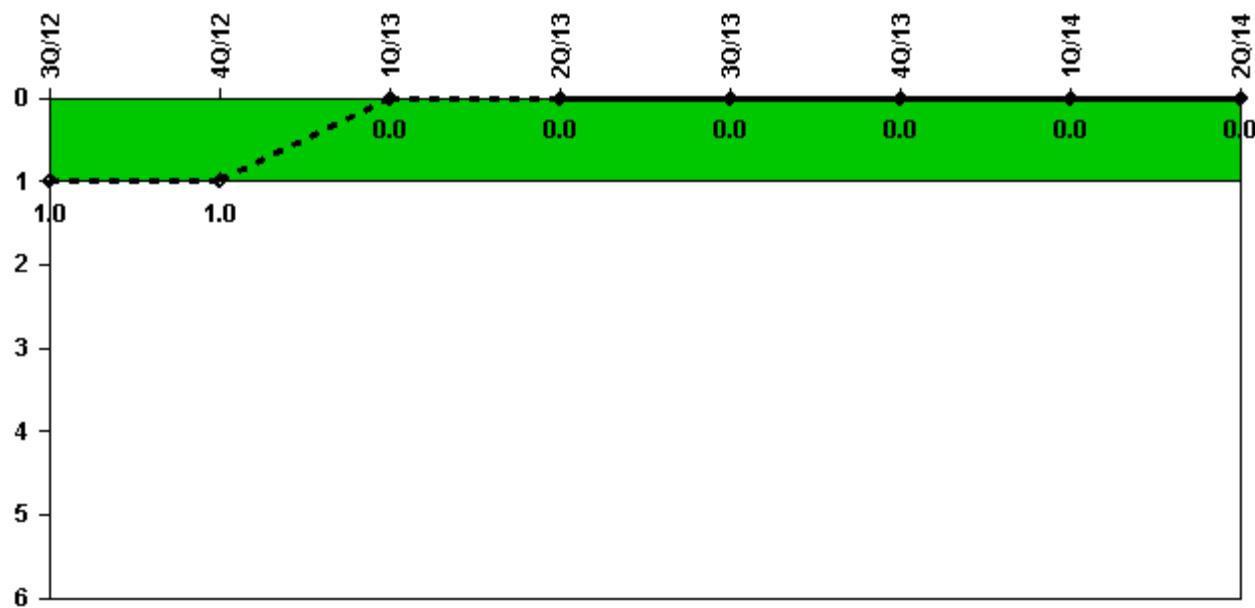
Notes

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	1.0	0	0
Critical hours	2080.6	2209.0	1698.6	2184.0	2184.0	1103.9	2159.0	2184.0
Indicator value	1.3	0	0	0	0	1.0	0.9	0.9

Licensee Comments:

1Q/14: Subsequent analysis of the February 2014 1A EDG failure determined that there was no MSPI failure associated with the event. The failure record was corrected to reflect no MSPI failure.

Unplanned Scrams with Complications



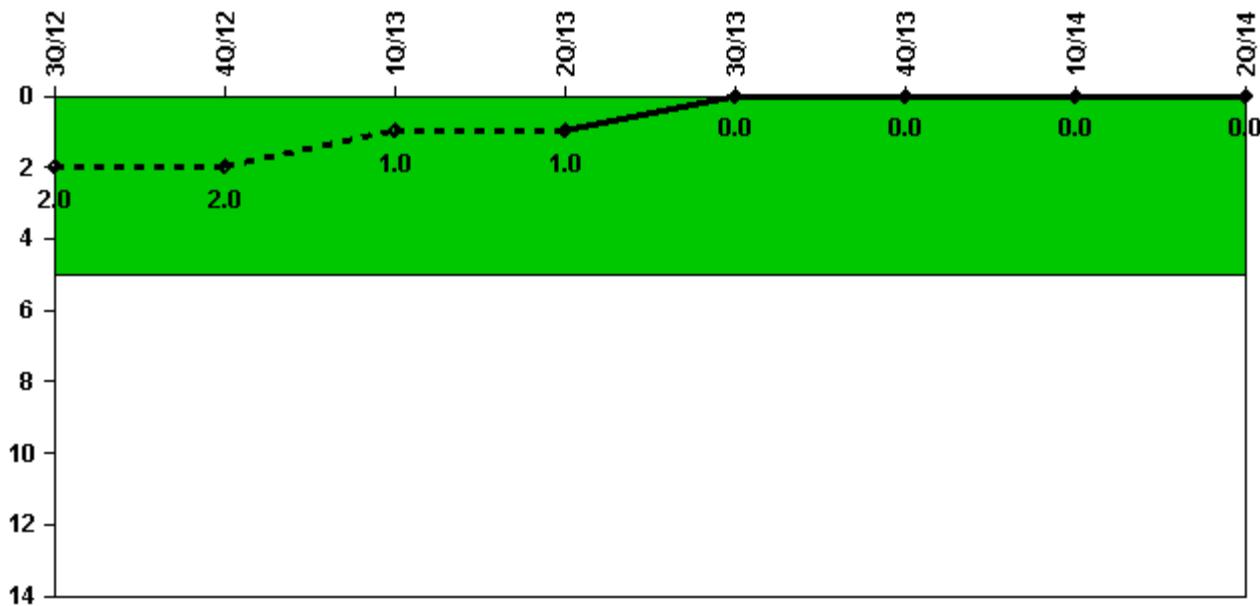
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

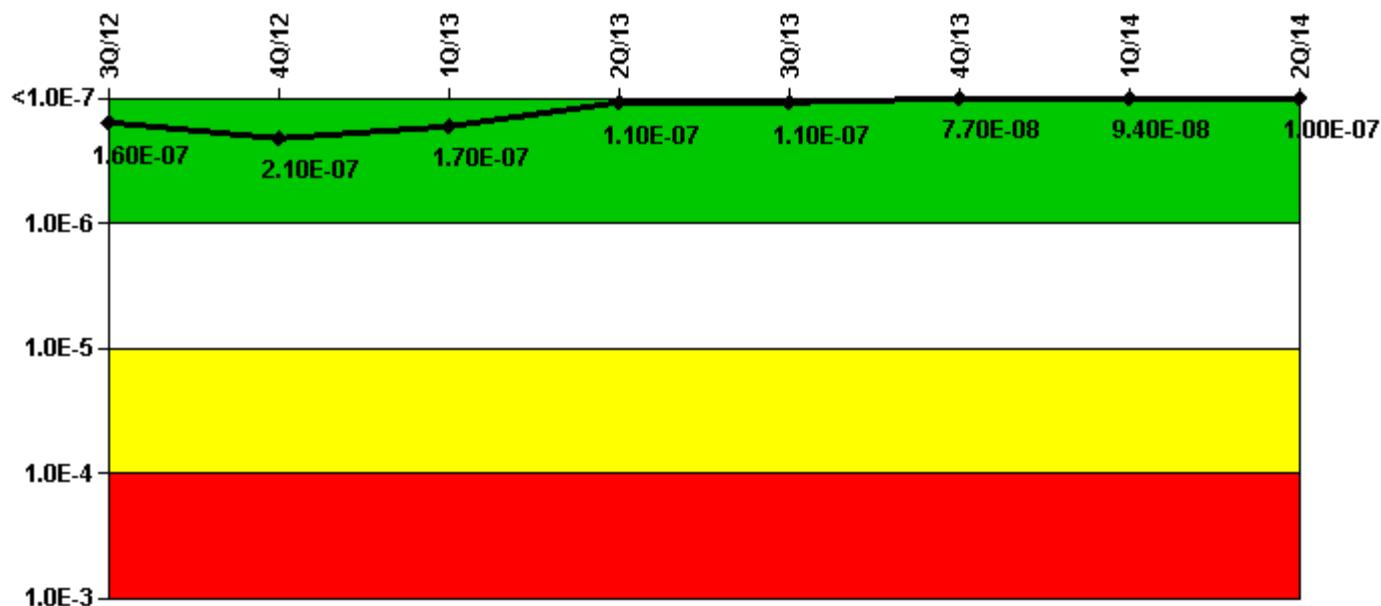
Notes

Safety System Functional Failures (PWR)	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Safety System Functional Failures	1	0	0	0	0	0	0	0
Indicator value	2	2	1	1	0	0	0	0

Licensee Comments:

3Q/12: August SSFF documented in LER 50-355/2012-007-00

Mitigating Systems Performance Index, Emergency AC Power System



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

Notes

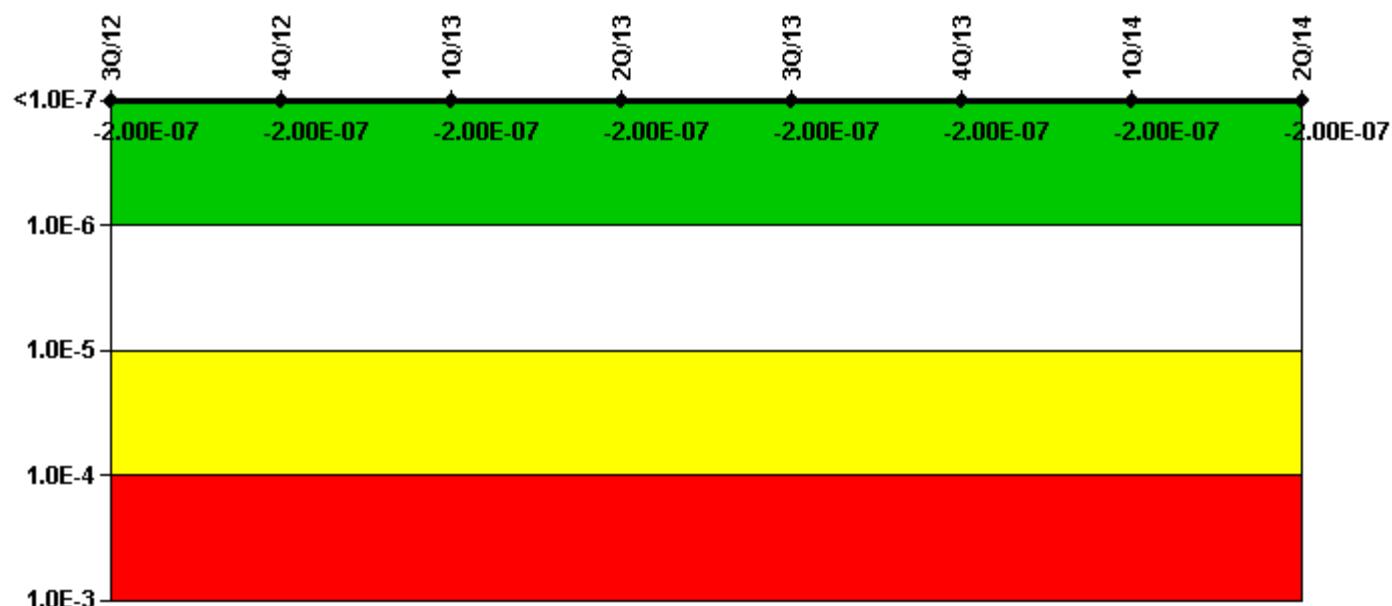
Mitigating Systems Performance Index, Emergency AC Power System	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
UAI (Δ CDF)	7.22E-08	8.54E-08	8.64E-08	6.20E-08	5.61E-08	2.50E-08	4.20E-08	5.06E-08
URI (Δ CDF)	8.54E-08	1.22E-07	8.62E-08	5.06E-08	5.10E-08	5.15E-08	5.19E-08	5.24E-08
PLE	NO							
Indicator value	1.60E-07	2.10E-07	1.70E-07	1.10E-07	1.10E-07	7.70E-08	9.40E-08	1.00E-07

Licensee Comments:

4Q/12: October 2012 Failure not originally submitted with 4Q/2012 Data Submittal. The failure record was entered January 2014. Subsequent change files are associated with the new MSPI calculations.

3Q/12: 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

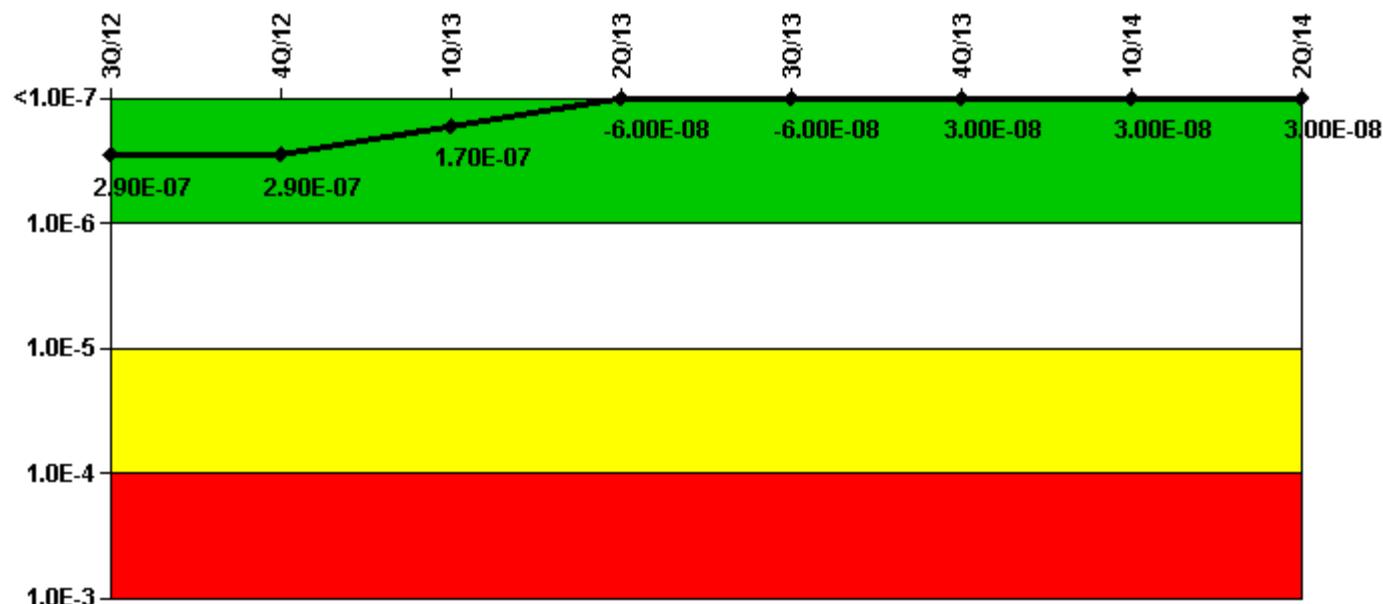
Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
UAI (Δ CDF)	-3.36E-08							
URI (Δ CDF)	-1.63E-07							
PLE	NO							
Indicator value	-2.00E-07							

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



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

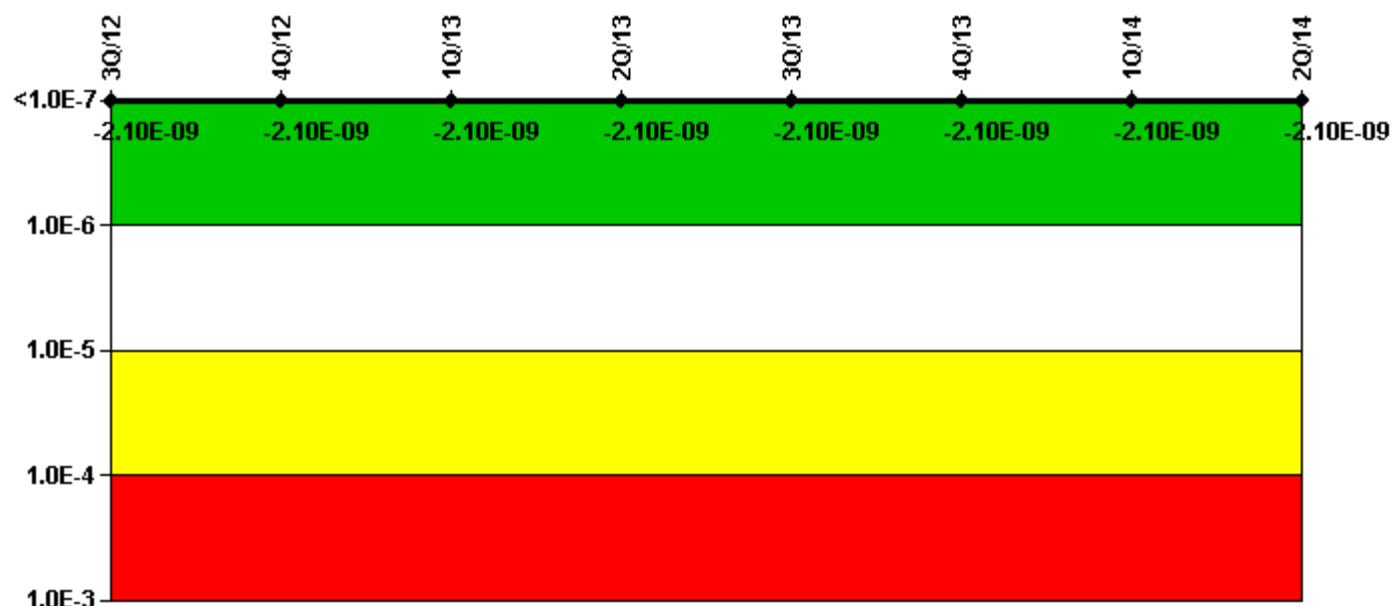
Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
UAI (Δ CDF)	1.45E-08	1.45E-08	1.15E-08	-1.31E-08	-1.30E-08	-9.39E-09	-9.39E-09	-9.39E-09
URI (Δ CDF)	2.73E-07	2.73E-07	1.56E-07	-4.67E-08	-4.67E-08	3.92E-08	3.92E-08	3.92E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.90E-07	2.90E-07	1.70E-07	-6.00E-08	-6.00E-08	3.00E-08	3.00E-08	3.00E-08

Licensee Comments:

3Q/12: Changed PRA Parameter(s). Q3 2012, Unit 1 AFW excluded MV-08-13 and MV-08-14 from scope due to low birnbaum, manual recovery action only. Unit 2 AFW excluded MV-09-13 and MV-09-14 from scope

Mitigating Systems Performance Index, Residual Heat Removal System



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

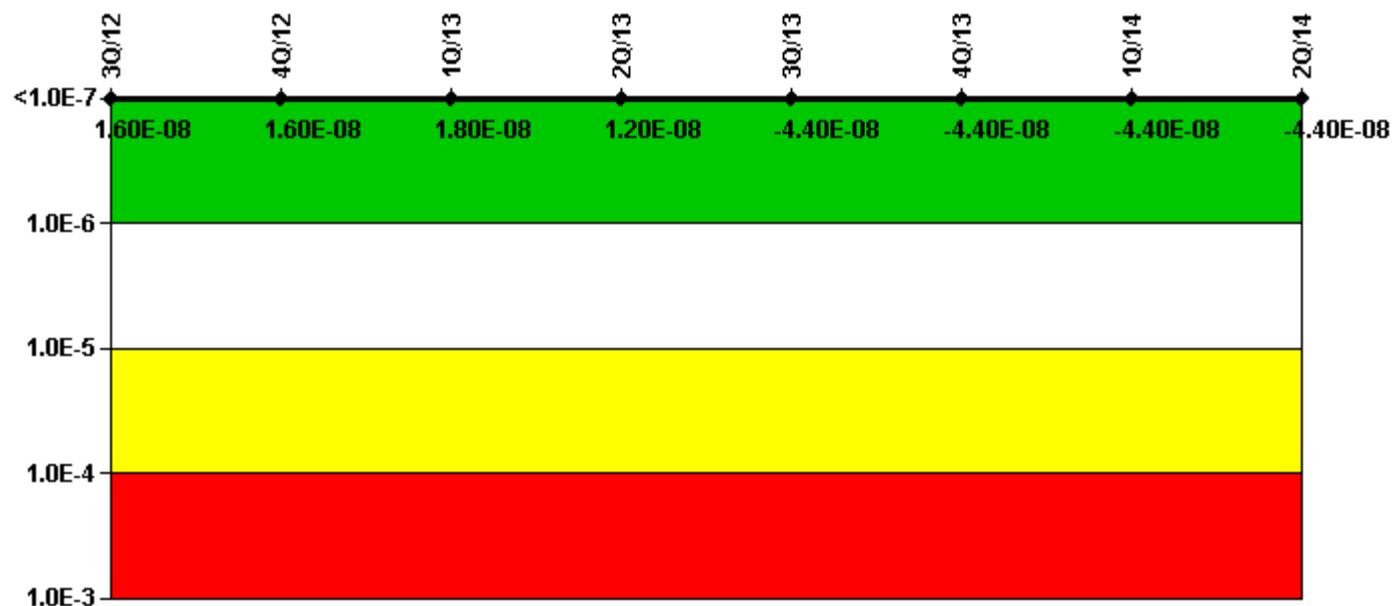
Notes

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 (Δ CDF)	-1.41E-10							
URI (Δ CDF)	-1.96E-09							
PLE	NO							
Indicator value	-2.10E-09							

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



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

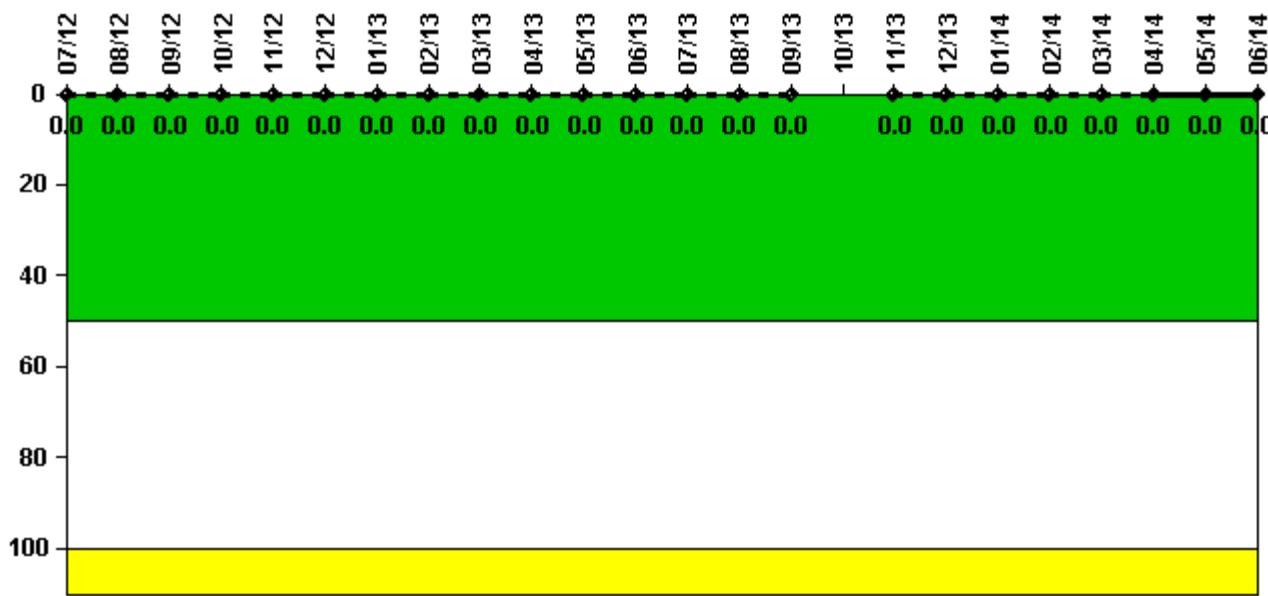
Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
UAI (Δ CDF)	2.84E-08	2.85E-08	2.98E-08	2.40E-08	-3.22E-08	-3.22E-08	-3.22E-08	-3.22E-08
URI (Δ CDF)	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.60E-08	1.60E-08	1.80E-08	1.20E-08	-4.40E-08	-4.40E-08	-4.40E-08	-4.40E-08

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Reactor Coolant System Activity

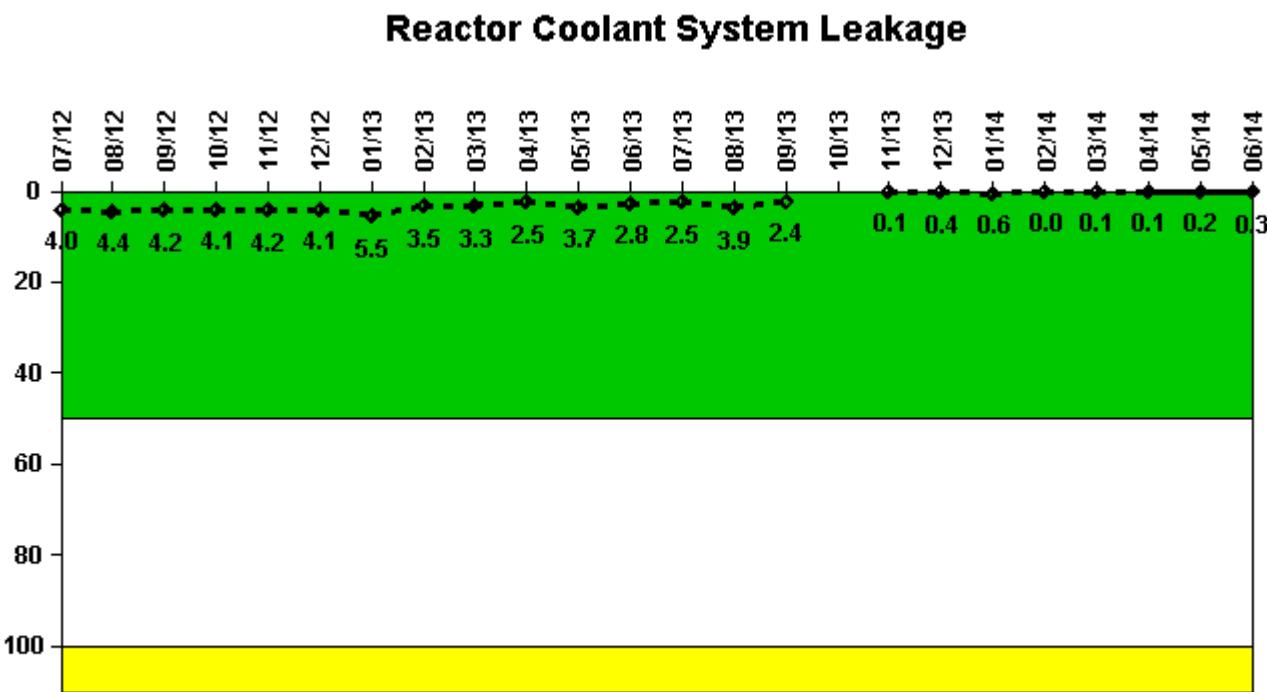


Thresholds: White > 50.0 Yellow > 100.0

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	0.000221	0.000293	0.000323	0.000429	0.000299	0.000304	0.000329	0.000310	0.000324	0.000329	0.000354	0.000325
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
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	0.000340	0.000391	0.000409	N/A	0.000222	0.000221	0.000241	0.000280	0.000327	0.000335	0.000307	0.000306
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	N/A	0	0	0	0	0	0	0	0

Licensee Comments: none



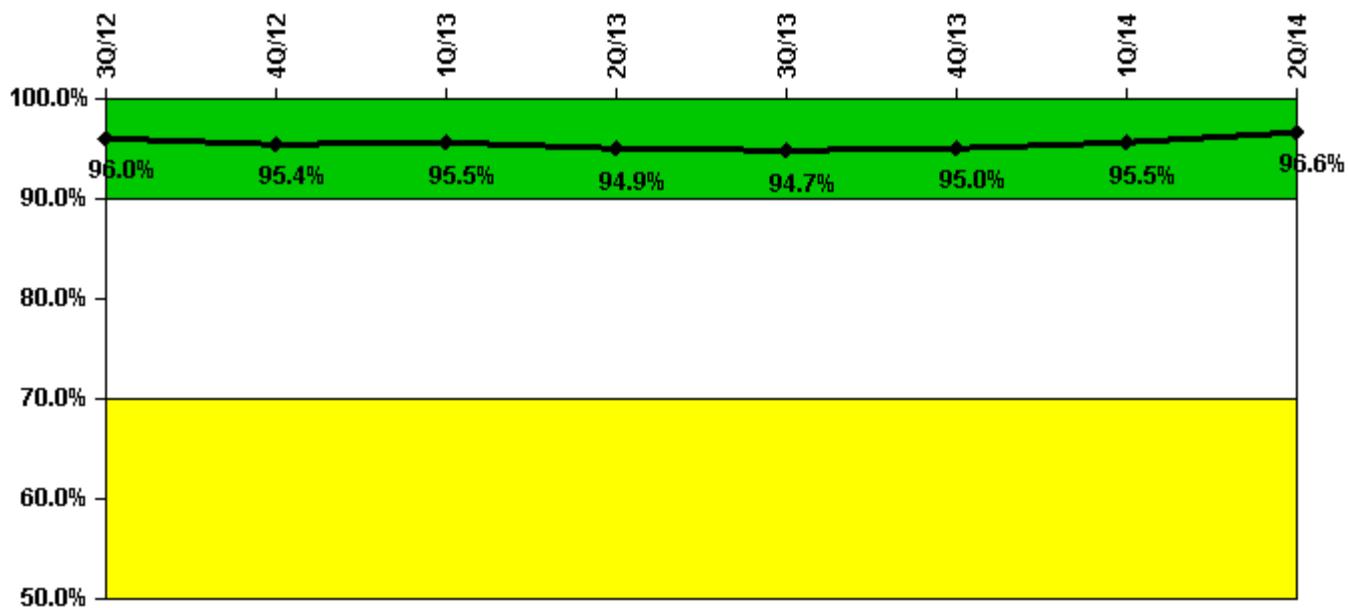
Thresholds: White > 50.0 Yellow > 100.0

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	0.398	0.443	0.423	0.410	0.420	0.410	0.551	0.346	0.329	0.249	0.374	0.280
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	4.0	4.4	4.2	4.1	4.2	4.1	5.5	3.5	3.3	2.5	3.7	2.8
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	0.249	0.389	0.240	N/A	0.010	0.042	0.063	0.003	0.010	0.011	0.015	0.029
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.5	3.9	2.4	N/A	0.1	0.4	0.6	0	0.1	0.1	0.2	0.3

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

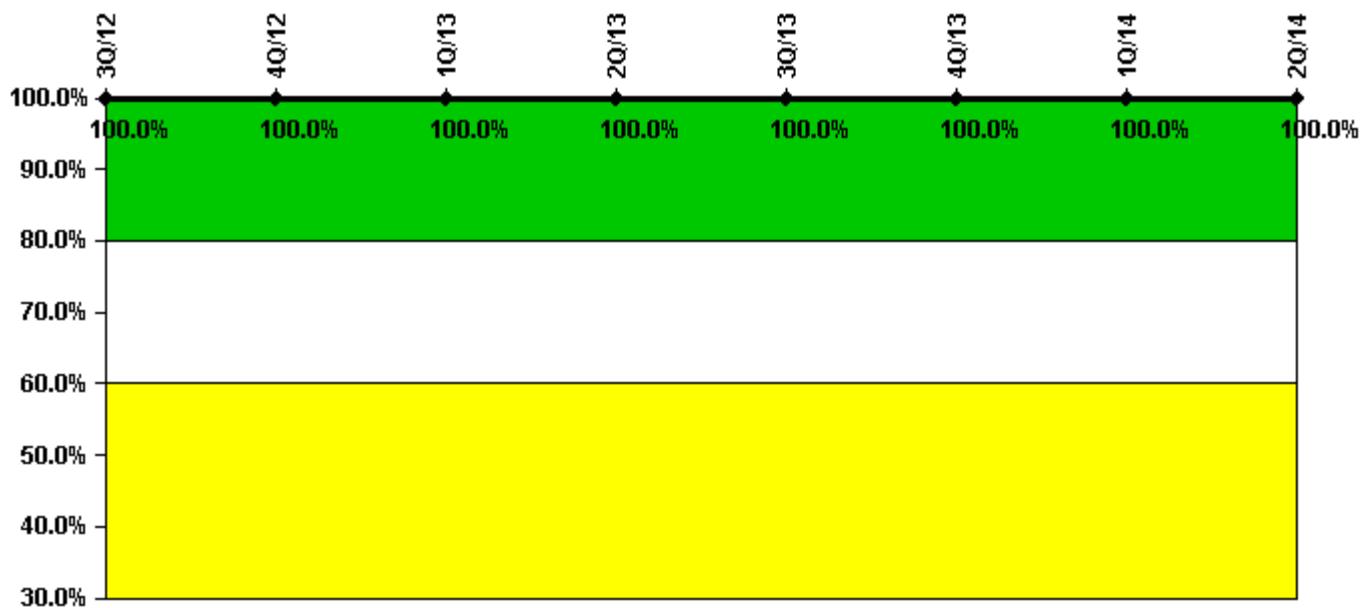
Notes

Drill/Exercise Performance	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Successful opportunities	49.0	0	95.0	56.0	79.0	29.0	50.0	43.0
Total opportunities	54.0	0	99.0	58.0	81.0	30.0	50.0	43.0
Indicator value	96.0%	95.4%	95.5%	94.9%	94.7%	95.0%	95.5%	96.6%

Licensee Comments:

2Q/13: Change to June 13 total drill, exercise and event opportunities

ERO Drill Participation



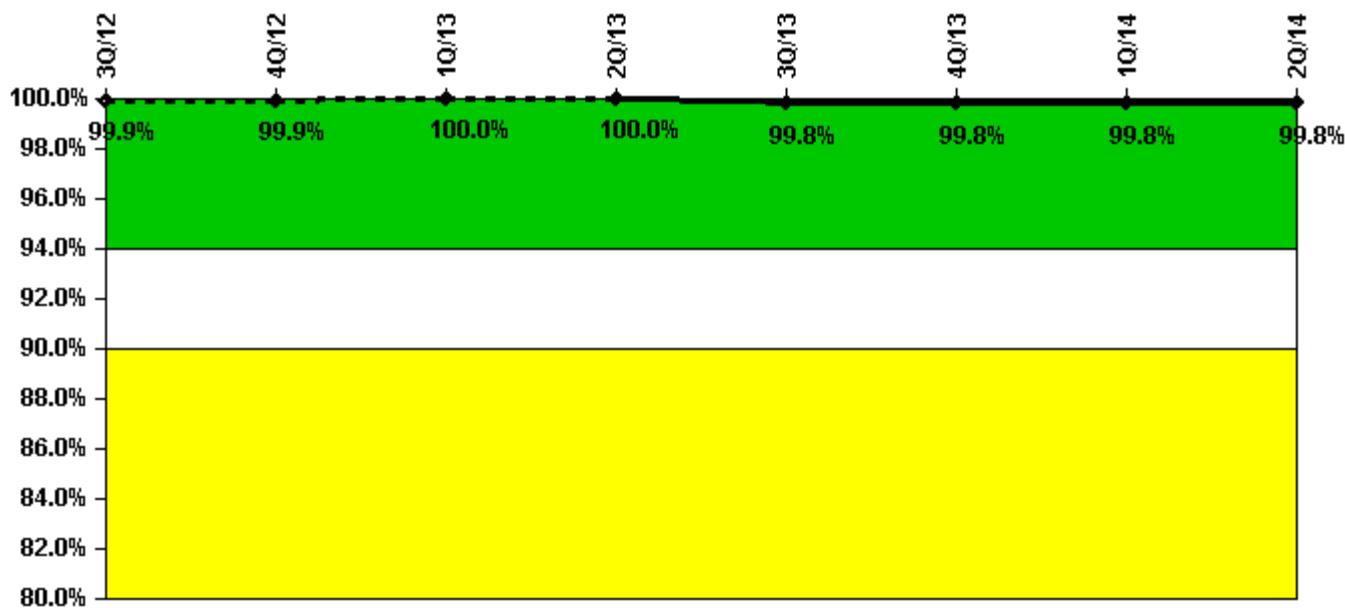
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Participating Key personnel	93.0	93.0	106.0	102.0	109.0	113.0	114.0	107.0
Total Key personnel	93.0	93.0	106.0	102.0	109.0	113.0	114.0	107.0
Indicator value	100.0%							

Licensee Comments: none

Alert & Notification System



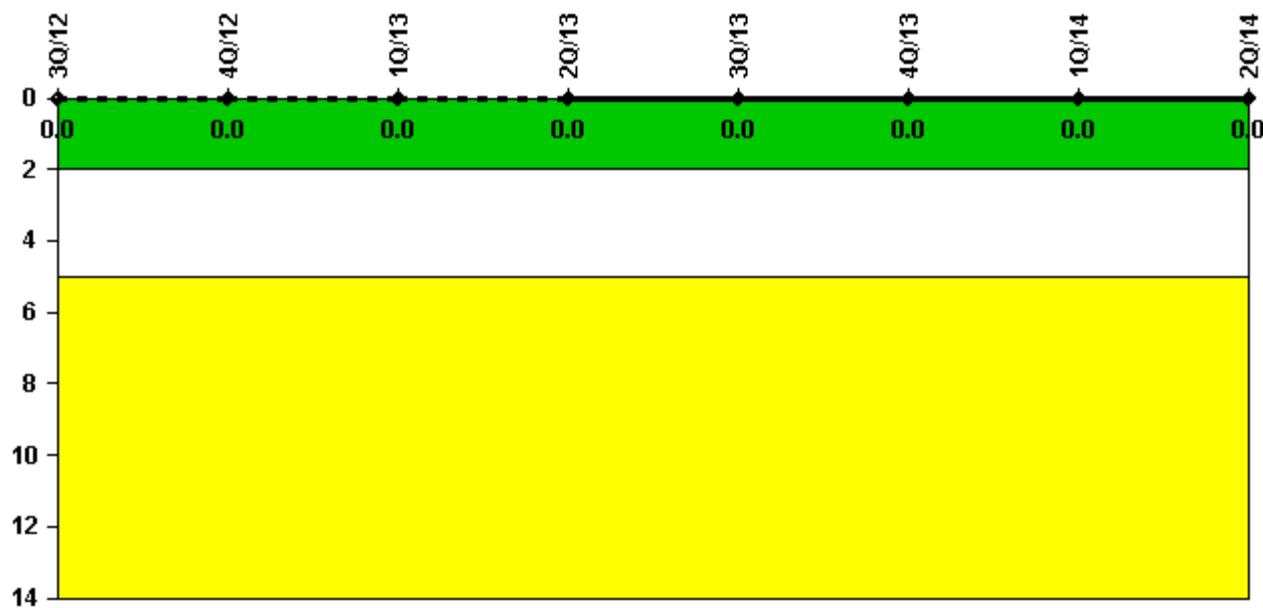
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Successful siren-tests	630	720	629	720	626	715	719	630
Total sirens-tests	630	720	630	720	630	715	720	630
Indicator value	99.9%	99.9%	100.0%	100.0%	99.8%	99.8%	99.8%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness

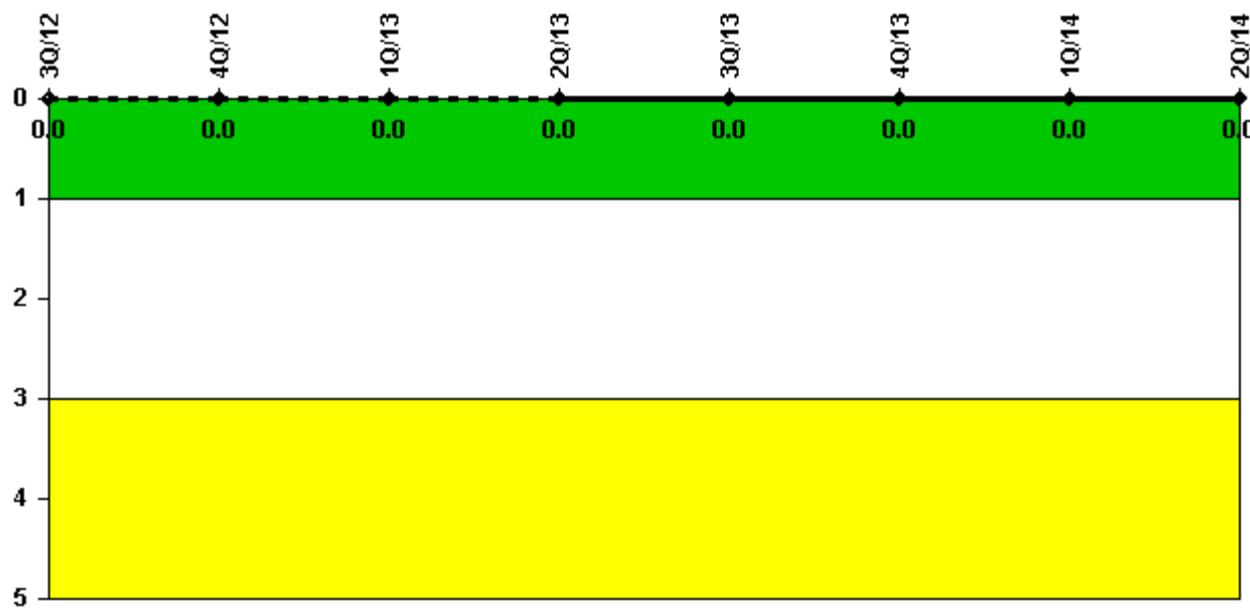


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/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
Indicator value	0							

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
Indicator value	0							

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: July 31, 2014

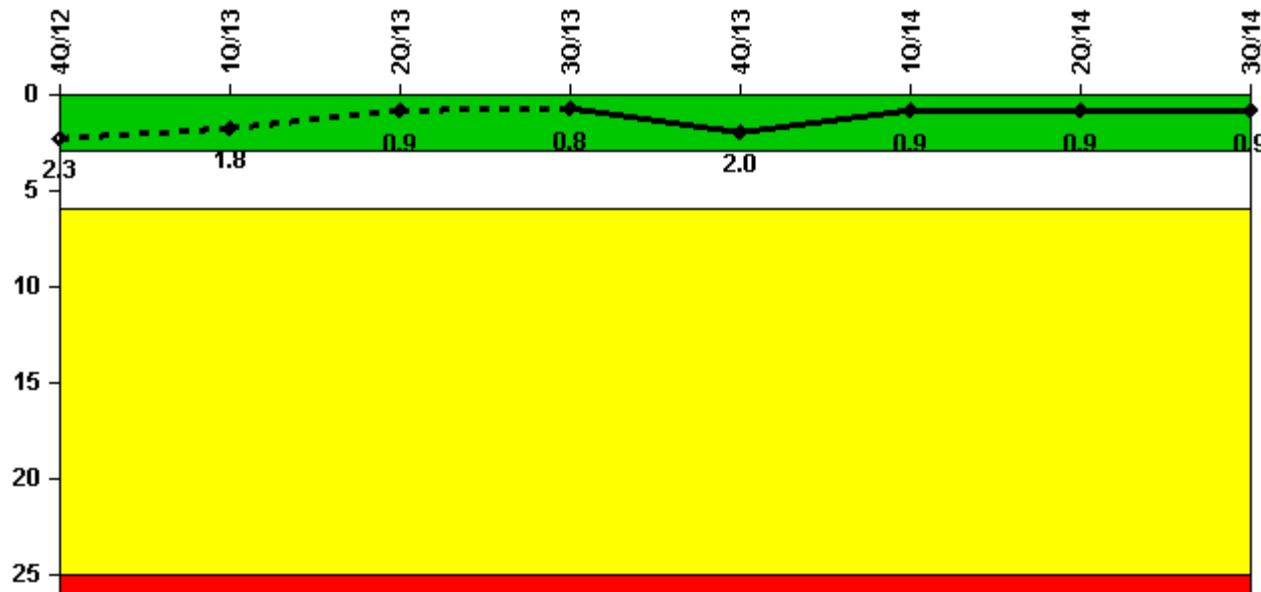
Saint Lucie 1

3Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



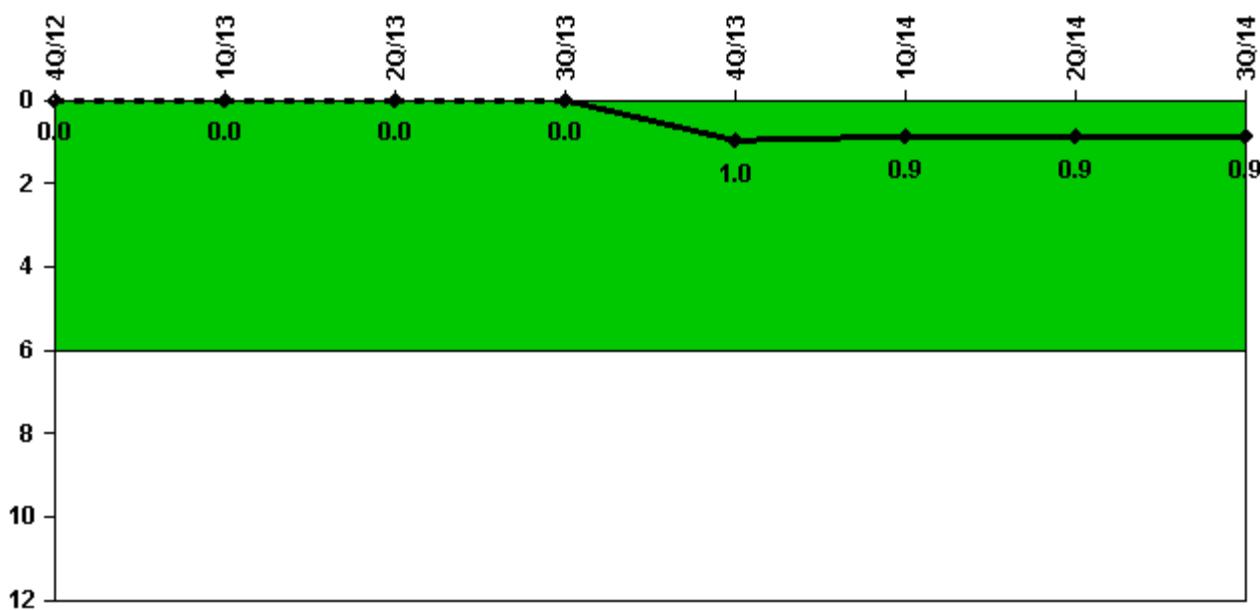
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	1.0	0	0	0
Critical hours	2209.0	1698.6	2184.0	2184.0	1103.9	2159.0	2184.0	2208.0
Indicator value	2.3	1.8	0.9	0.8	2.0	0.9	0.9	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

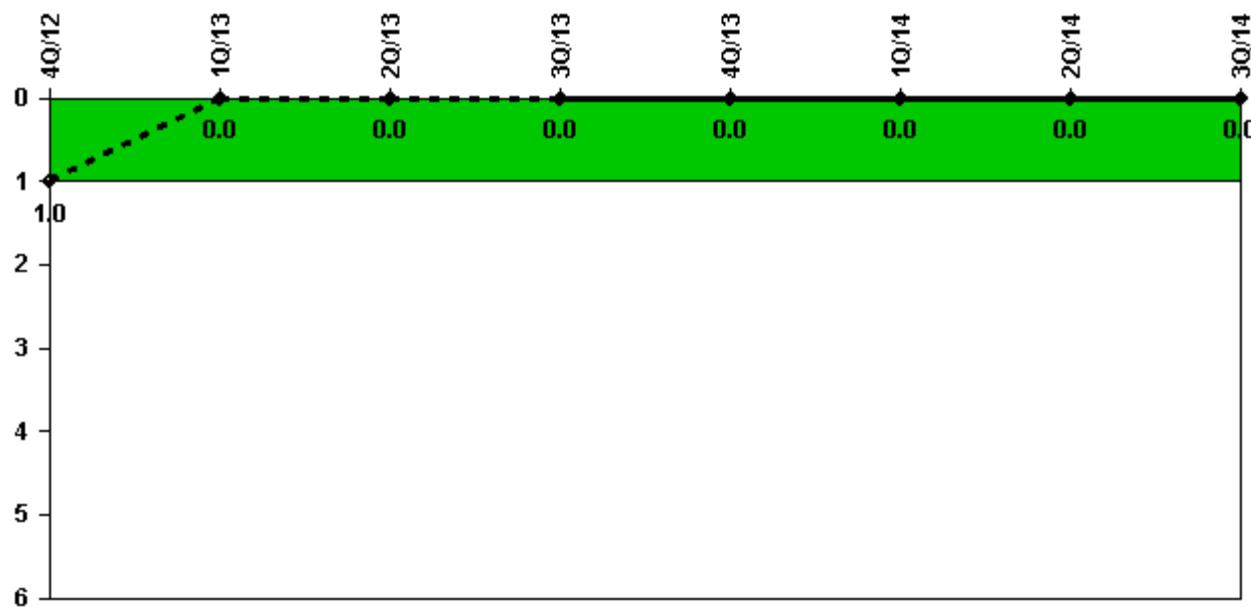
Notes

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	1.0	0	0	0
Critical hours	2209.0	1698.6	2184.0	2184.0	1103.9	2159.0	2184.0	2208.0
Indicator value	0	0	0	0	1.0	0.9	0.9	0.9

Licensee Comments:

1Q/14: Subsequent analysis of the February 2014 1A EDG failure determined that there was no MSPI failure associated with the event. The failure record was corrected to reflect no MSPI failure.

Unplanned Scrams with Complications



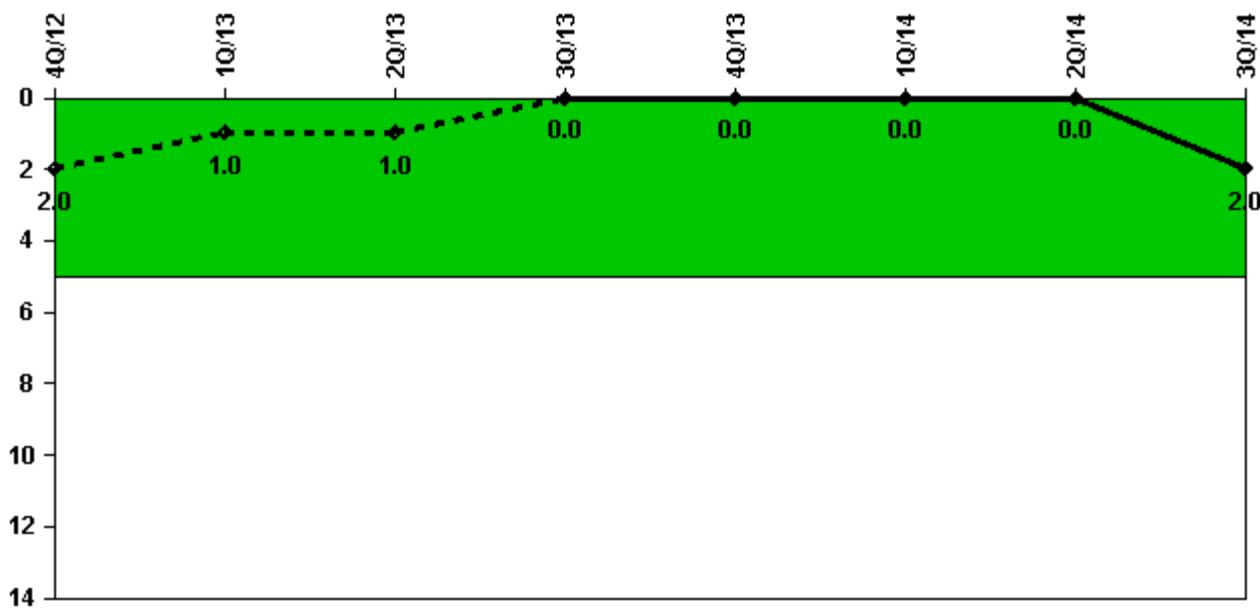
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	1.0	0.0						

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

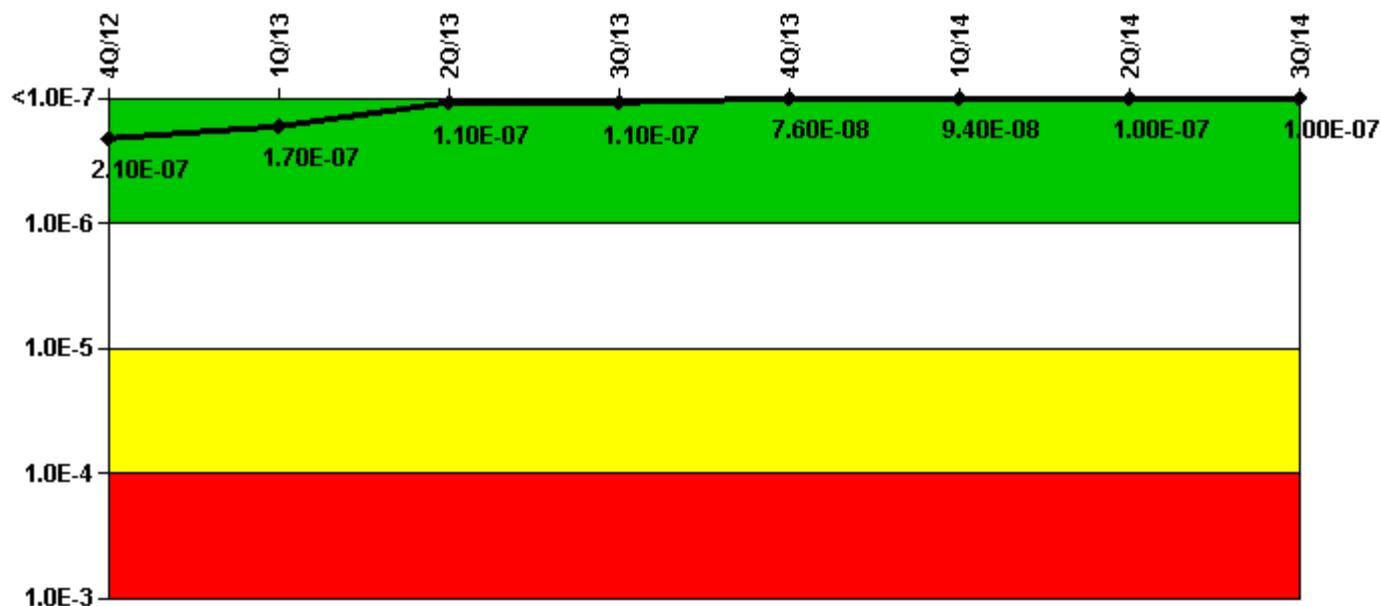
Notes

Safety System Functional Failures (PWR)	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Safety System Functional Failures	0	0	0	0	0	0	0	2
Indicator value	2	1	1	0	0	0	0	2

Licensee Comments:

3Q/14: Unit 1 LER 50-335/2014-001-02, Unit 1 and 2 LER 50-335,389/2012-010-02

Mitigating Systems Performance Index, Emergency AC Power System



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

Notes

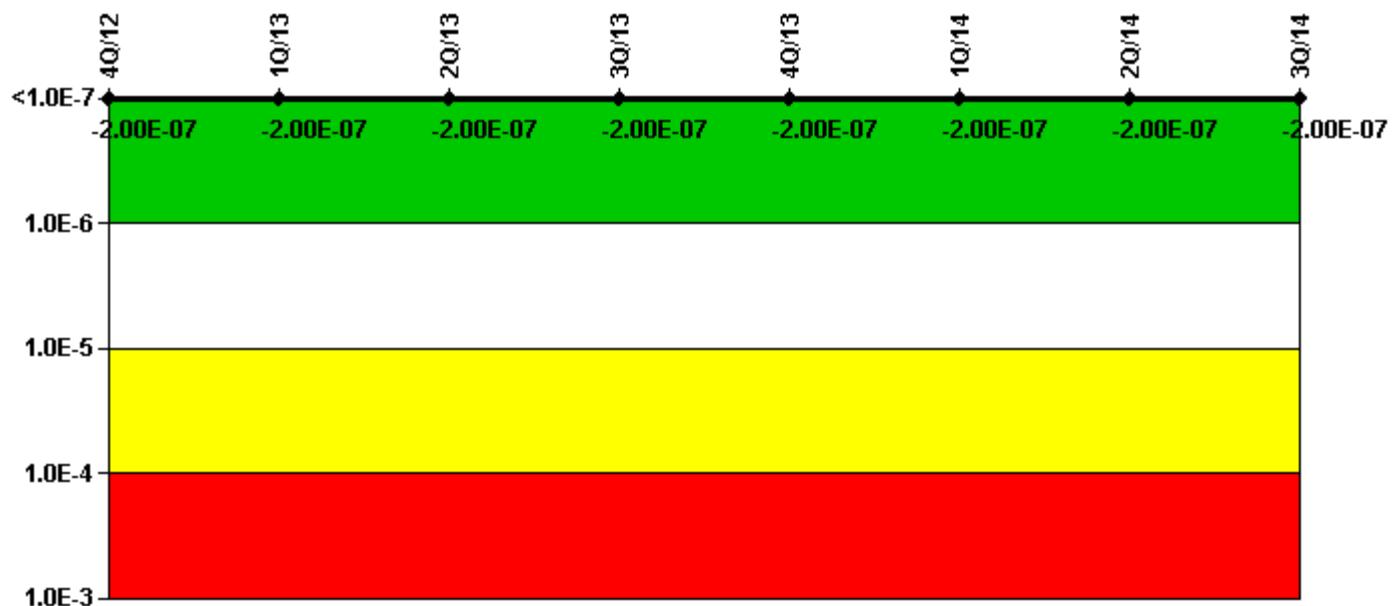
Mitigating Systems Performance Index, Emergency AC Power System	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
UAI (Δ CDF)	8.54E-08	8.64E-08	6.20E-08	5.61E-08	2.50E-08	4.20E-08	5.06E-08	5.02E-08
URI (Δ CDF)	1.22E-07	8.62E-08	5.06E-08	5.10E-08	5.11E-08	5.15E-08	5.20E-08	5.24E-08
PLE	NO							
Indicator value	2.10E-07	1.70E-07	1.10E-07	1.10E-07	7.60E-08	9.40E-08	1.00E-07	1.00E-07

Licensee Comments:

4Q/13: Additional 1A EDG demand start added during 4Q/2014 submittal causing recalculation for all subsequent quarters.

4Q/12: October 2012 Failure not originally submitted with 4Q/2012 Data Submittal. The failure record was entered January 2014. Subsequent change files are associated with the new MSPI calculations.

Mitigating Systems Performance Index, High Pressure Injection System



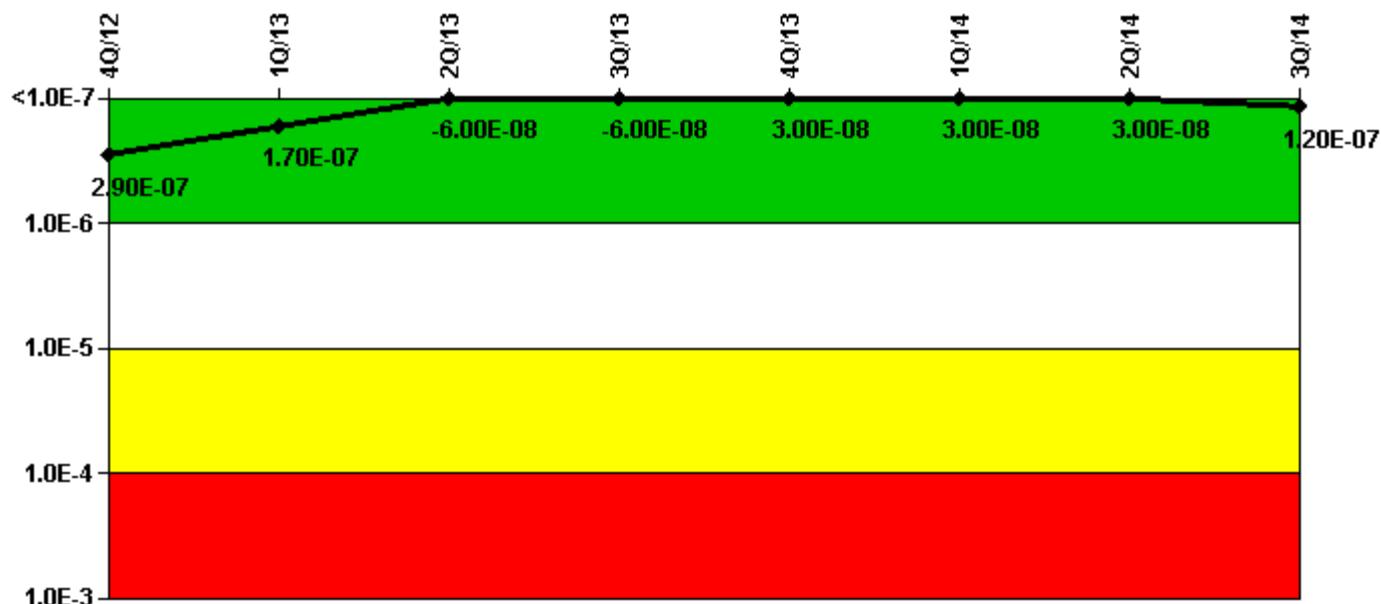
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (Δ CDF)	-3.36E-08							
URI (Δ CDF)	-1.63E-07							
PLE	NO							
Indicator value	-2.00E-07							

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



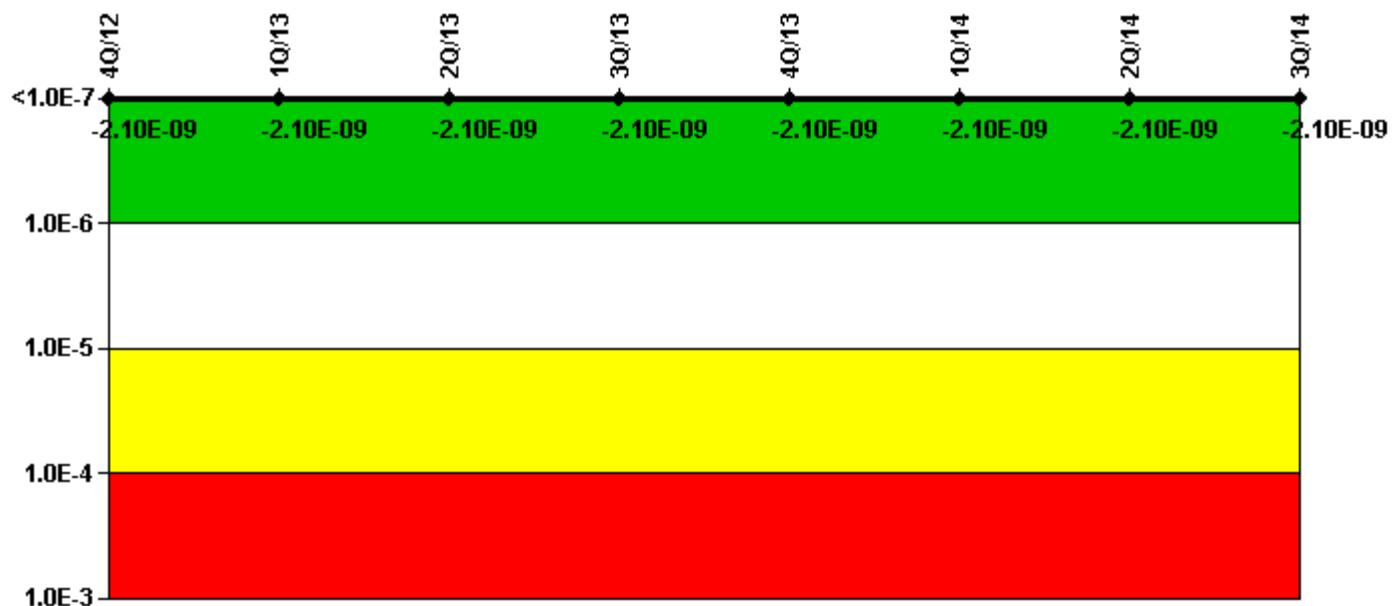
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
UAI (Δ CDF)	1.45E-08	1.15E-08	-1.31E-08	-1.30E-08	-9.39E-09	-9.39E-09	-9.39E-09	-9.42E-09
URI (Δ CDF)	2.73E-07	1.56E-07	-4.67E-08	-4.67E-08	3.92E-08	3.92E-08	3.92E-08	1.25E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.90E-07	1.70E-07	-6.00E-08	-6.00E-08	3.00E-08	3.00E-08	3.00E-08	1.20E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



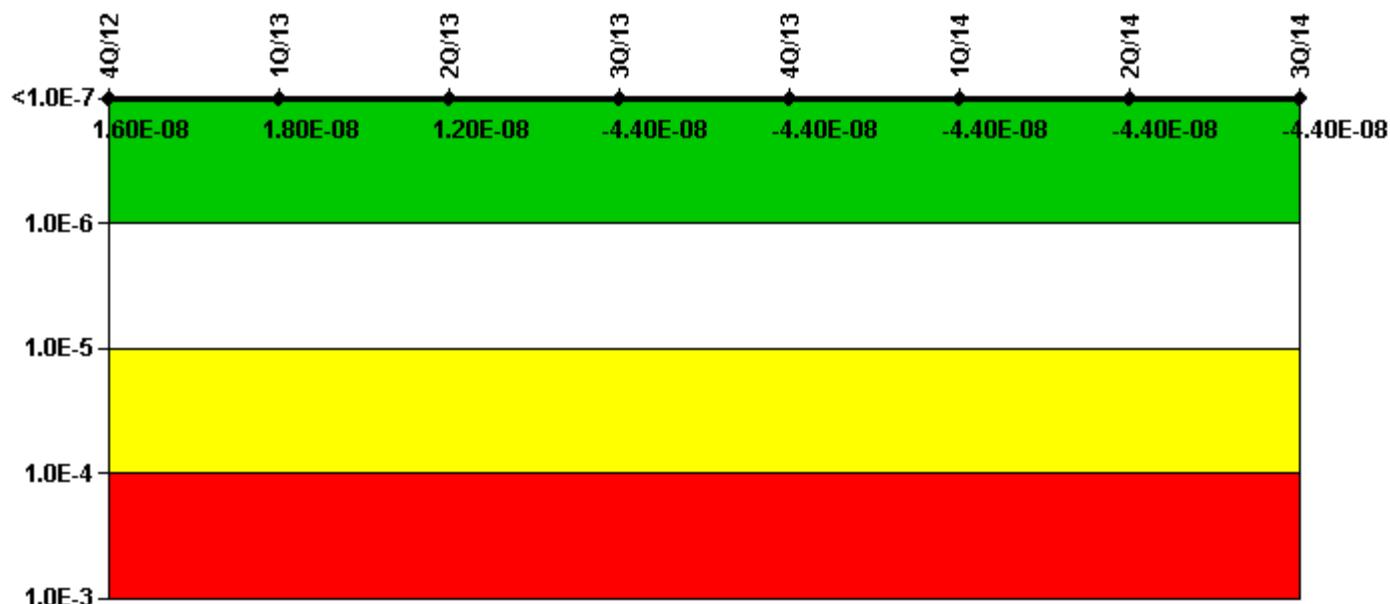
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
UAI (Δ CDF)	-1.41E-10							
URI (Δ CDF)	-1.96E-09							
PLE	NO							
Indicator value	-2.10E-09							

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



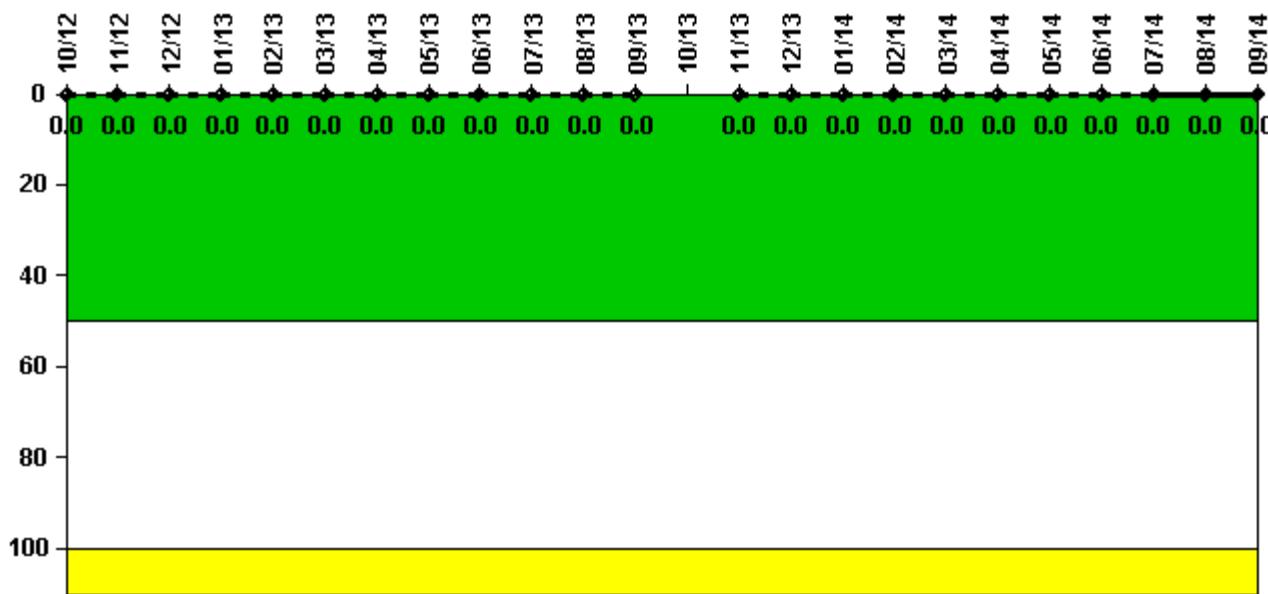
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
UAI (Δ CDF)	2.85E-08	2.98E-08	2.40E-08	-3.22E-08	-3.22E-08	-3.22E-08	-3.22E-08	-3.22E-08
URI (Δ CDF)	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.60E-08	1.80E-08	1.20E-08	-4.40E-08	-4.40E-08	-4.40E-08	-4.40E-08	-4.40E-08

Licensee Comments: none

Reactor Coolant System Activity

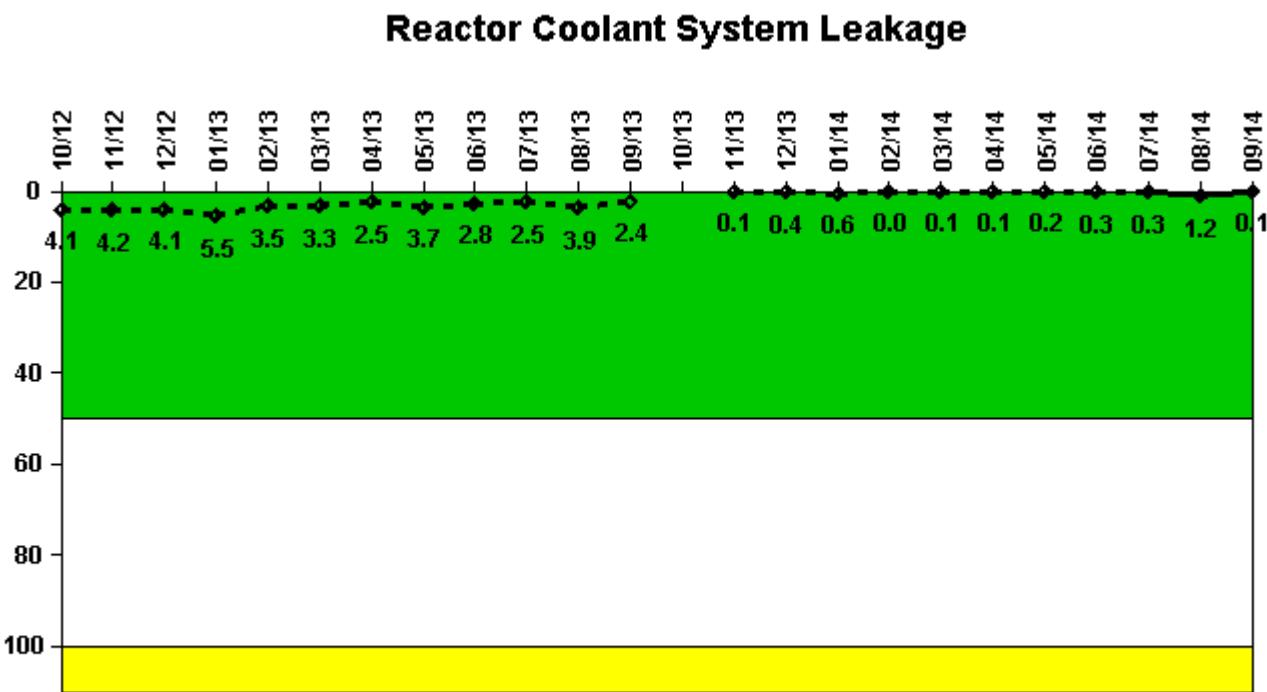


Thresholds: White > 50.0 Yellow > 100.0

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	0.000429	0.000299	0.000304	0.000329	0.000310	0.000324	0.000329	0.000354	0.000325	0.000340	0.000391	0.000409
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
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	N/A	0.000222	0.000221	0.000241	0.000280	0.000327	0.000335	0.000307	0.000306	0.000385	0.000331	0.000351
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	N/A	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none



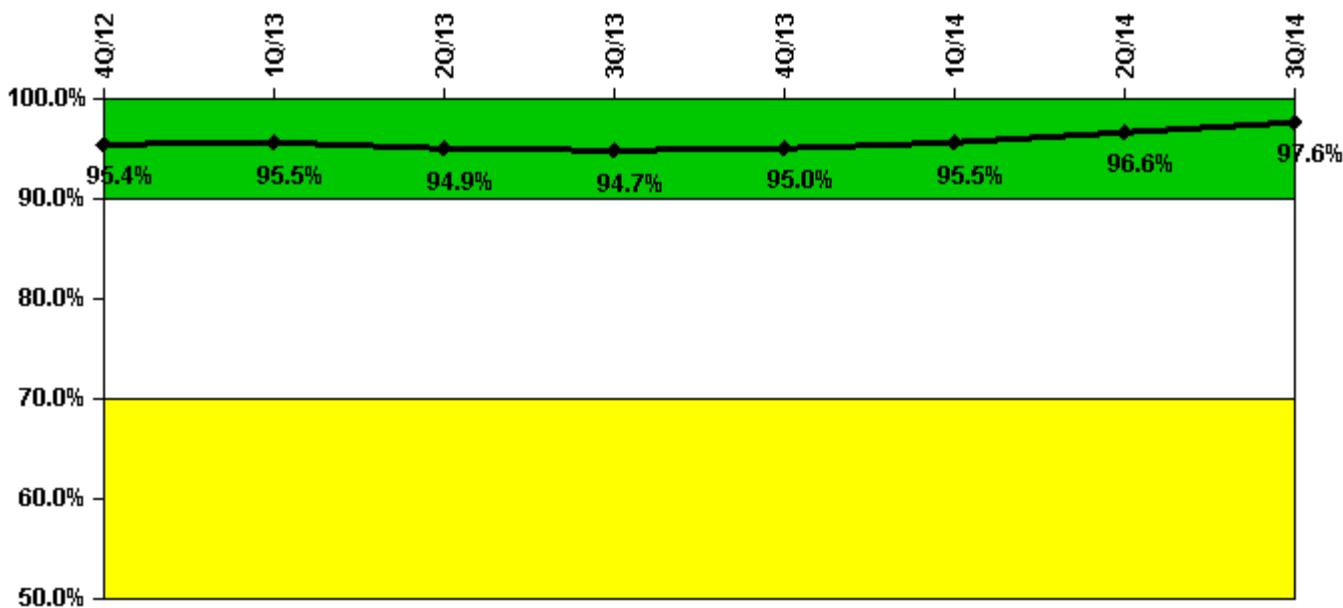
Thresholds: White > 50.0 Yellow > 100.0

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	0.410	0.420	0.410	0.551	0.346	0.329	0.249	0.374	0.280	0.249	0.389	0.240
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	4.1	4.2	4.1	5.5	3.5	3.3	2.5	3.7	2.8	2.5	3.9	2.4
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	N/A	0.010	0.042	0.063	0.003	0.010	0.011	0.015	0.029	0.030	0.117	0.014
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	N/A	0.1	0.4	0.6	0	0.1	0.1	0.2	0.3	0.3	1.2	0.1

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

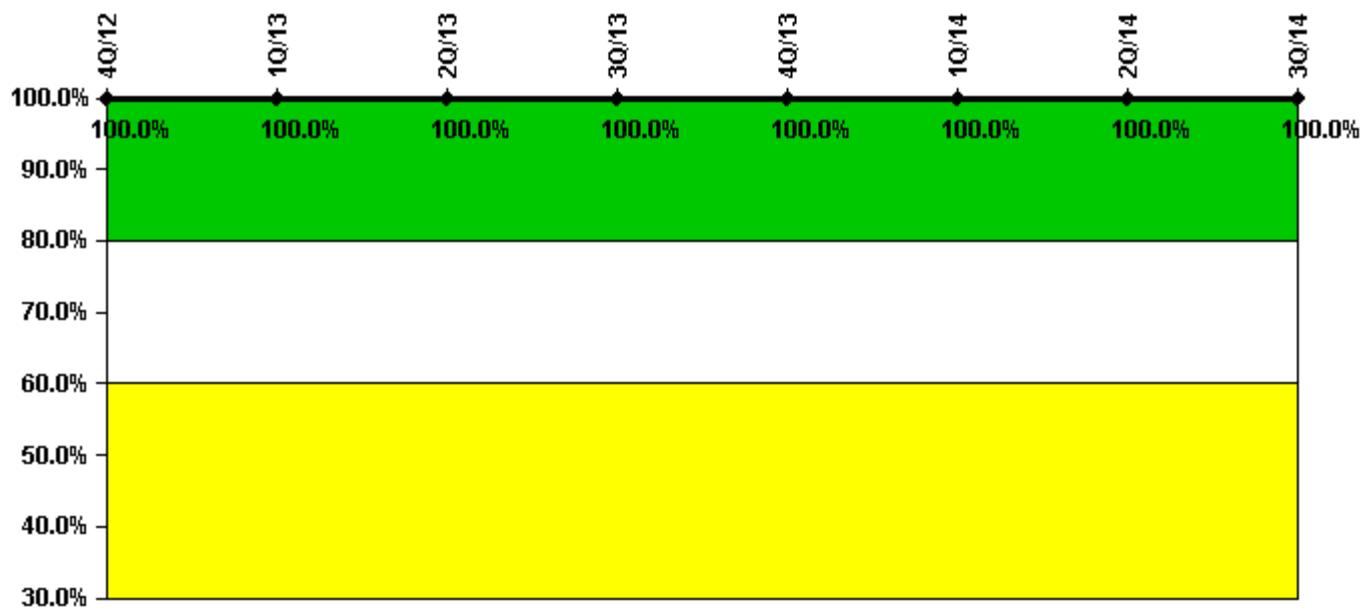
Notes

Drill/Exercise Performance	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Successful opportunities	0	95.0	56.0	79.0	29.0	50.0	43.0	53.0
Total opportunities	0	99.0	58.0	81.0	30.0	50.0	43.0	54.0
Indicator value	95.4%	95.5%	94.9%	94.7%	95.0%	95.5%	96.6%	97.6%

Licensee Comments:

2Q/13: Change to June 13 total drill, exercise and event opportunities

ERO Drill Participation



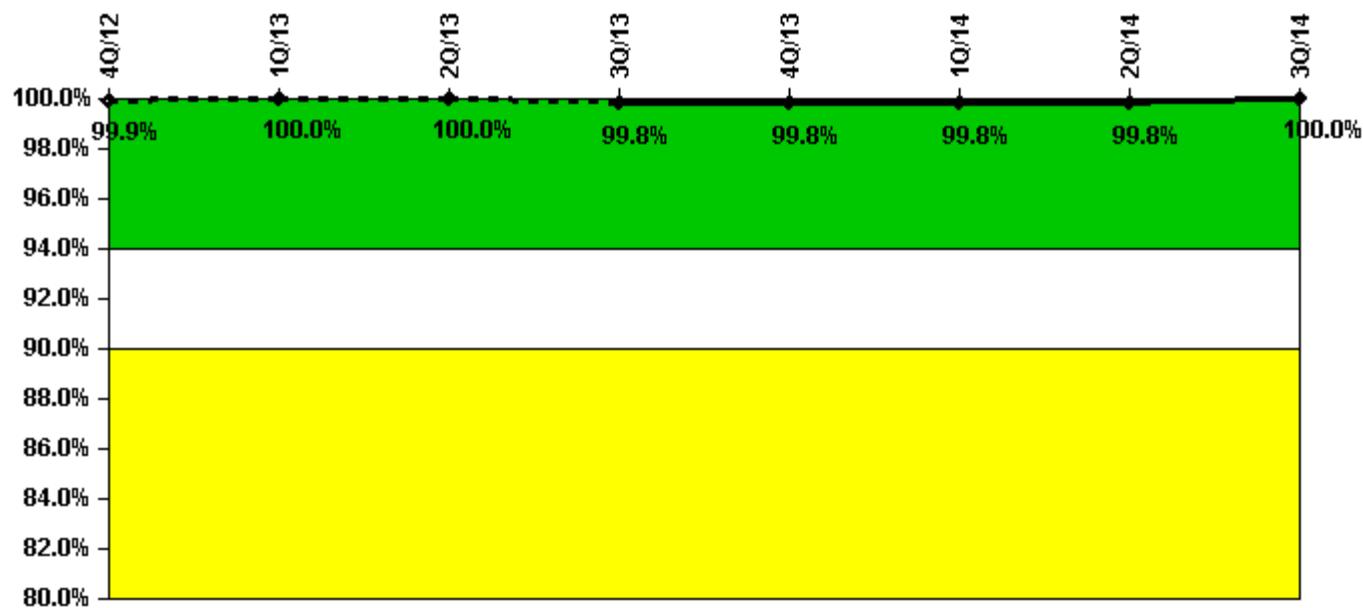
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Participating Key personnel	93.0	106.0	102.0	109.0	113.0	114.0	107.0	111.0
Total Key personnel	93.0	106.0	102.0	109.0	113.0	114.0	107.0	111.0
Indicator value	100.0%							

Licensee Comments: none

Alert & Notification System



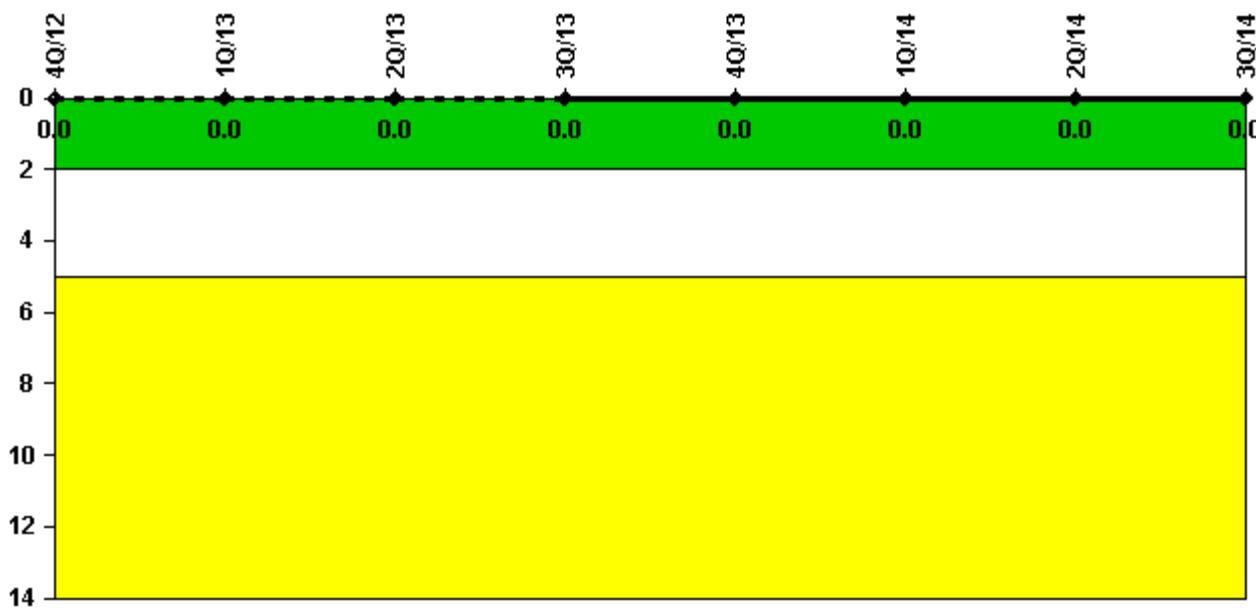
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Successful siren-tests	720	629	720	626	715	719	630	630
Total sirens-tests	720	630	720	630	715	720	630	630
Indicator value	99.9%	100.0%	100.0%	99.8%	99.8%	99.8%	99.8%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness

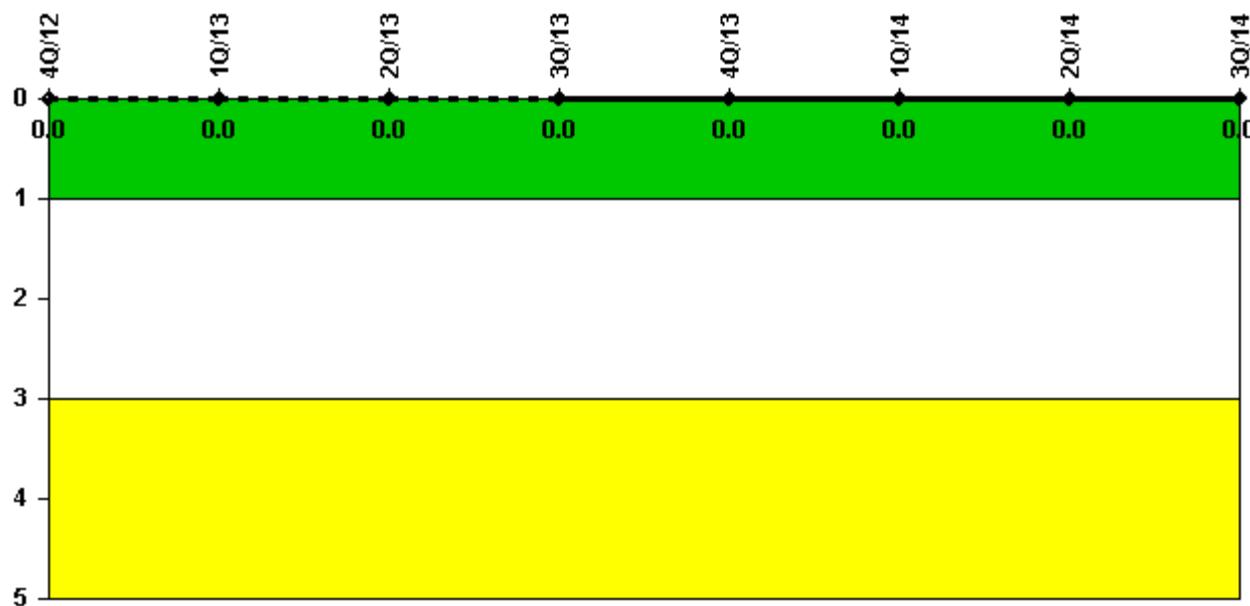


Thresholds: White > 2.0 Yellow > 5.0

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
Indicator value	0							

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	0							

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: November 3, 2014

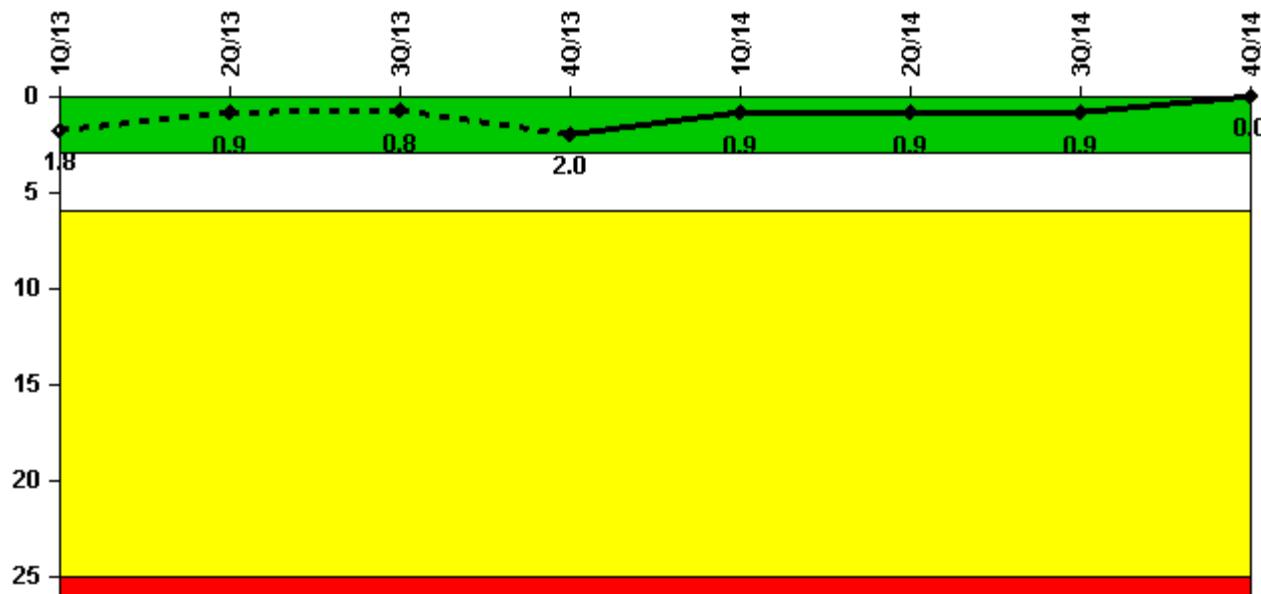
Saint Lucie 1

4Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



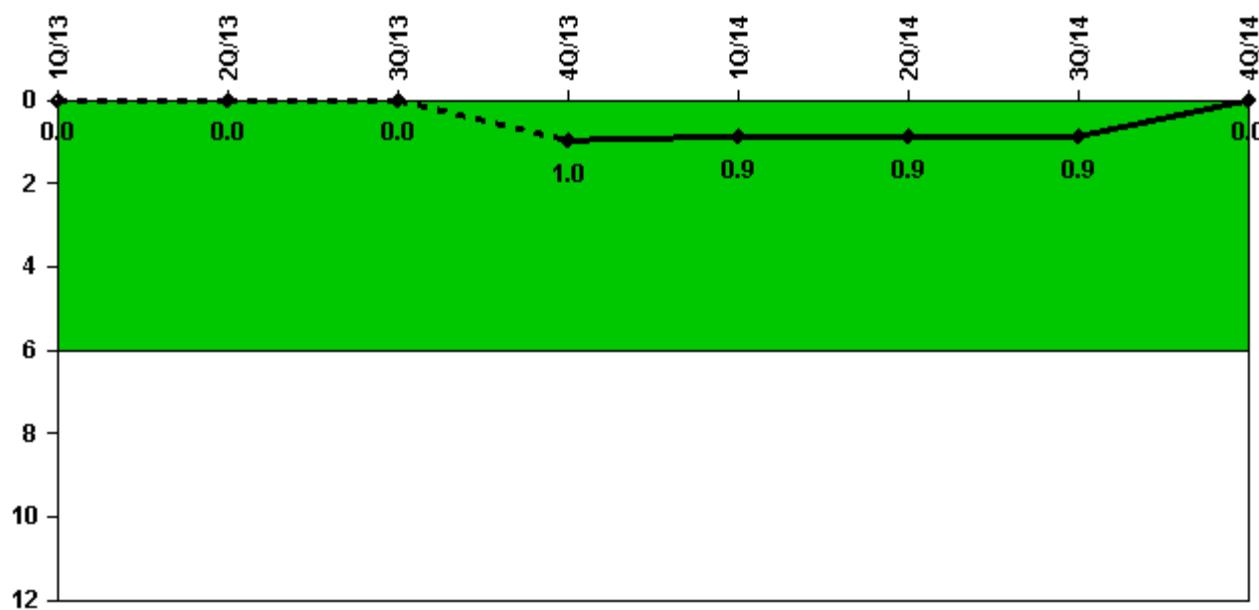
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	1.0	0	0	0	0
Critical hours	1698.6	2184.0	2184.0	1103.9	2159.0	2184.0	2208.0	2209.0
Indicator value	1.8	0.9	0.8	2.0	0.9	0.9	0.9	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

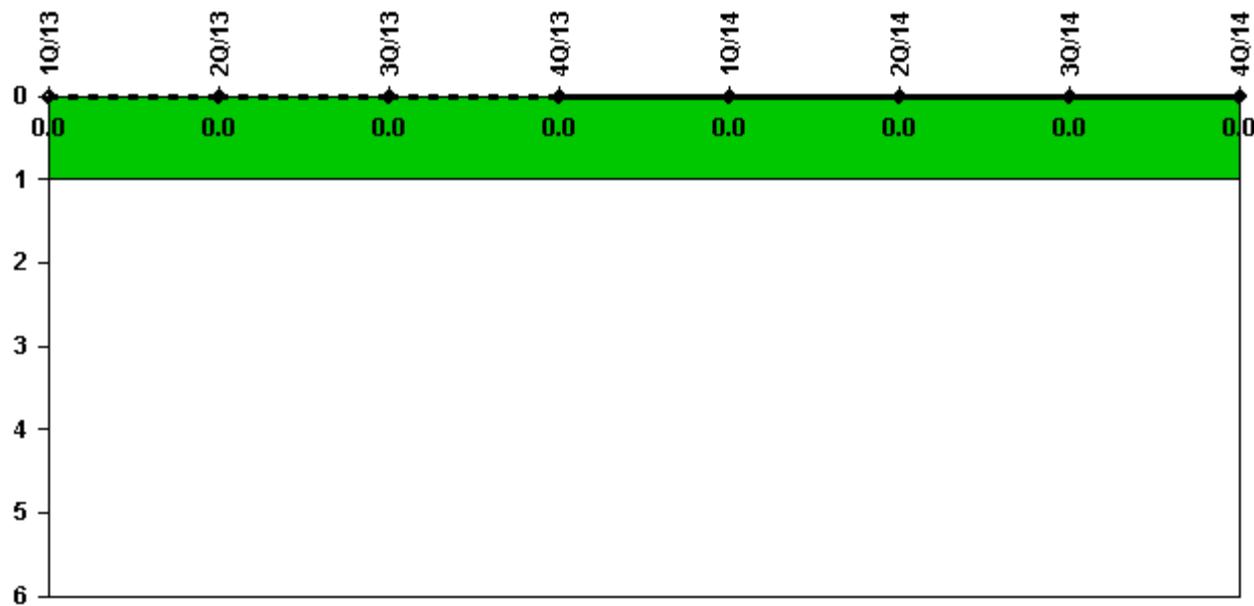
Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Unplanned power changes	0	0	0	1.0	0	0	0	0
Critical hours	1698.6	2184.0	2184.0	1103.9	2159.0	2184.0	2208.0	2209.0
Indicator value	0	0	0	1.0	0.9	0.9	0.9	0

Licensee Comments:

1Q/14: Subsequent analysis of the February 2014 1A EDG failure determined that there was no MSPI failure associated with the event. The failure record was corrected to reflect no MSPI failure.

Unplanned Scrams with Complications



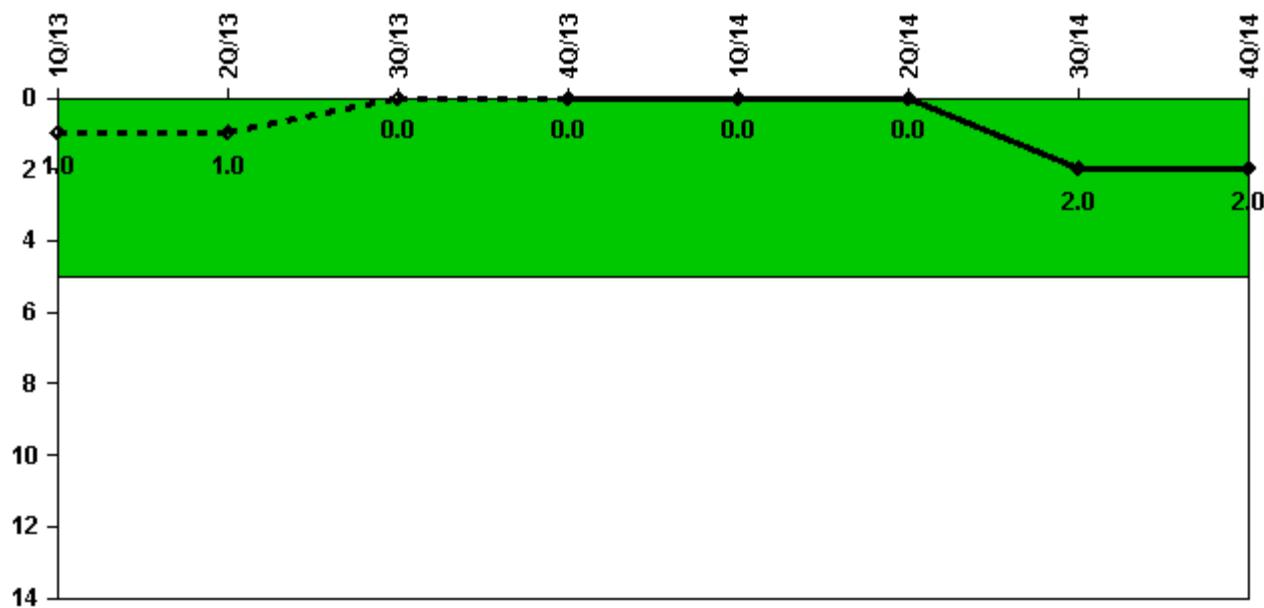
Thresholds: White > 1.0

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	0	0	0	0	0	0	0
Indicator value	0.0							

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

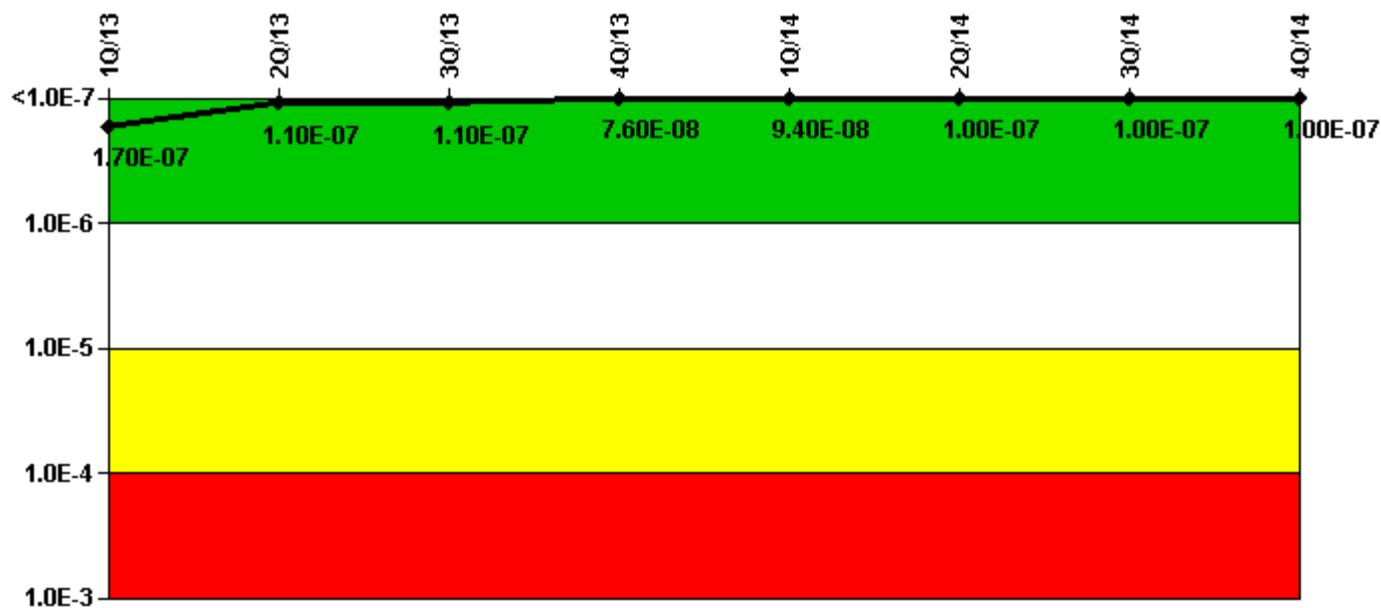
Notes

Safety System Functional Failures (PWR)	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Safety System Functional Failures	0	0	0	0	0	0	2	0
Indicator value	1	1	0	0	0	0	2	2

Licensee Comments:

3Q/14: Unit 1 LER 50-335/2014-001-02, Unit 1 and 2 LER 50-335,389/2012-010-02

Mitigating Systems Performance Index, Emergency AC Power System



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

Notes

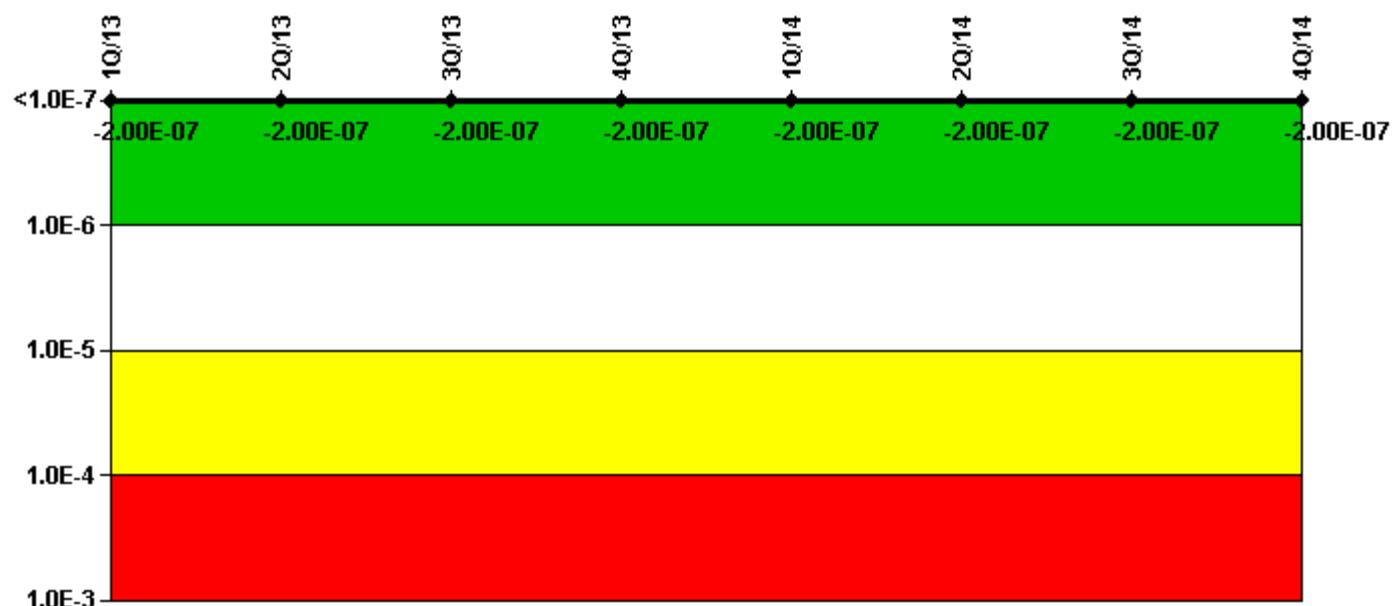
Mitigating Systems Performance Index, Emergency AC Power System	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
UAI (Δ CDF)	8.64E-08	6.20E-08	5.61E-08	2.50E-08	4.20E-08	5.06E-08	5.02E-08	4.76E-08
URI (Δ CDF)	8.62E-08	5.06E-08	5.10E-08	5.11E-08	5.15E-08	5.20E-08	5.24E-08	5.29E-08
PLE	NO							
Indicator value	1.70E-07	1.10E-07	1.10E-07	7.60E-08	9.40E-08	1.00E-07	1.00E-07	1.00E-07

Licensee Comments:

1Q/14: Subsequent analysis of the February 2014 1A EDG failure determined that there was no MSPI failure associated with the event. The failure record was corrected to reflect no MSPI failure.

4Q/13: Additional 1A EDG demand start added during 4Q/2014 submittal causing recalculation for all subsequent quarters.

Mitigating Systems Performance Index, High Pressure Injection System



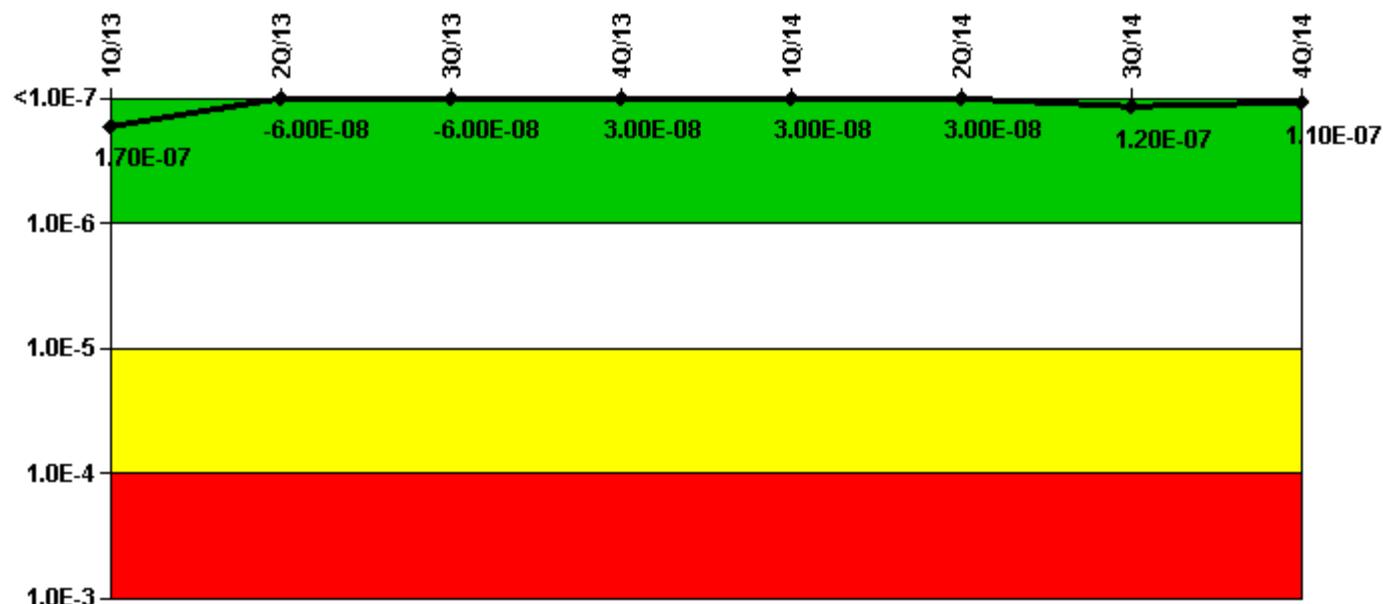
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (Δ CDF)	-3.36E-08							
URI (Δ CDF)	-1.63E-07							
PLE	NO							
Indicator value	-2.00E-07							

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



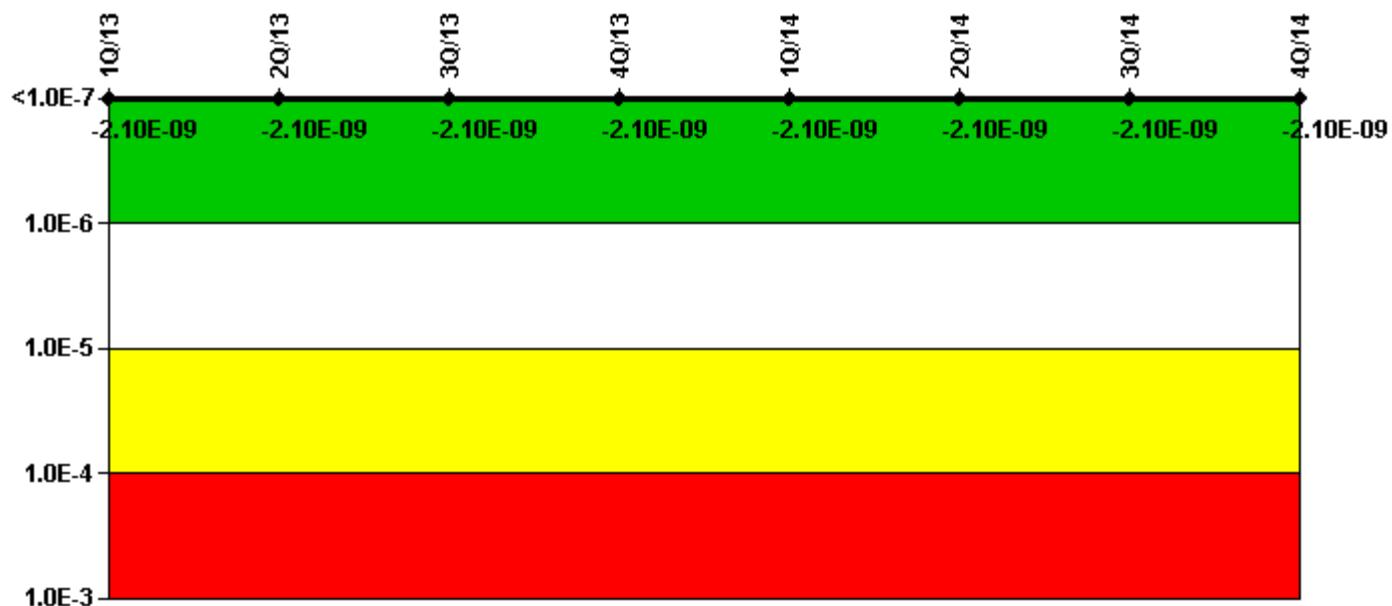
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
UAI (Δ CDF)	1.15E-08	-1.31E-08	-1.30E-08	-9.39E-09	-9.39E-09	-9.39E-09	-9.42E-09	-1.29E-08
URI (Δ CDF)	1.56E-07	-4.67E-08	-4.67E-08	3.92E-08	3.92E-08	3.92E-08	1.25E-07	1.25E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.70E-07	-6.00E-08	-6.00E-08	3.00E-08	3.00E-08	3.00E-08	1.20E-07	1.10E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



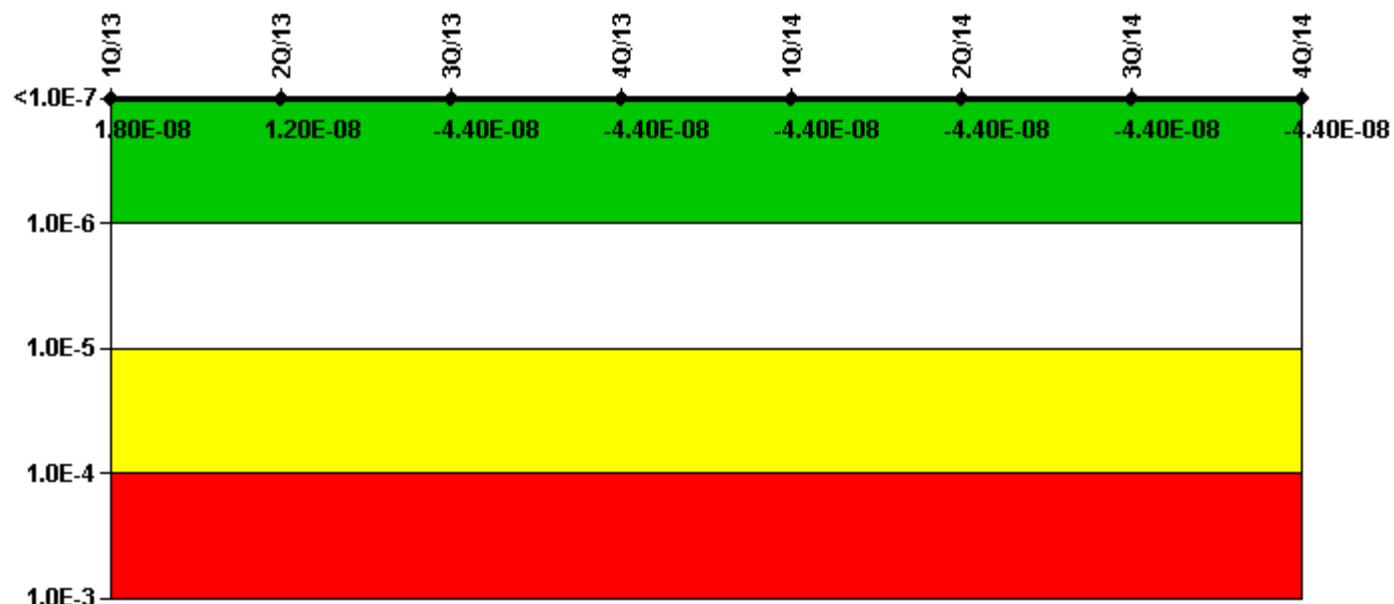
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
UAI (Δ CDF)	$-1.41E-10$							
URI (Δ CDF)	$-1.96E-09$							
PLE	NO							
Indicator value	$-2.10E-09$							

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



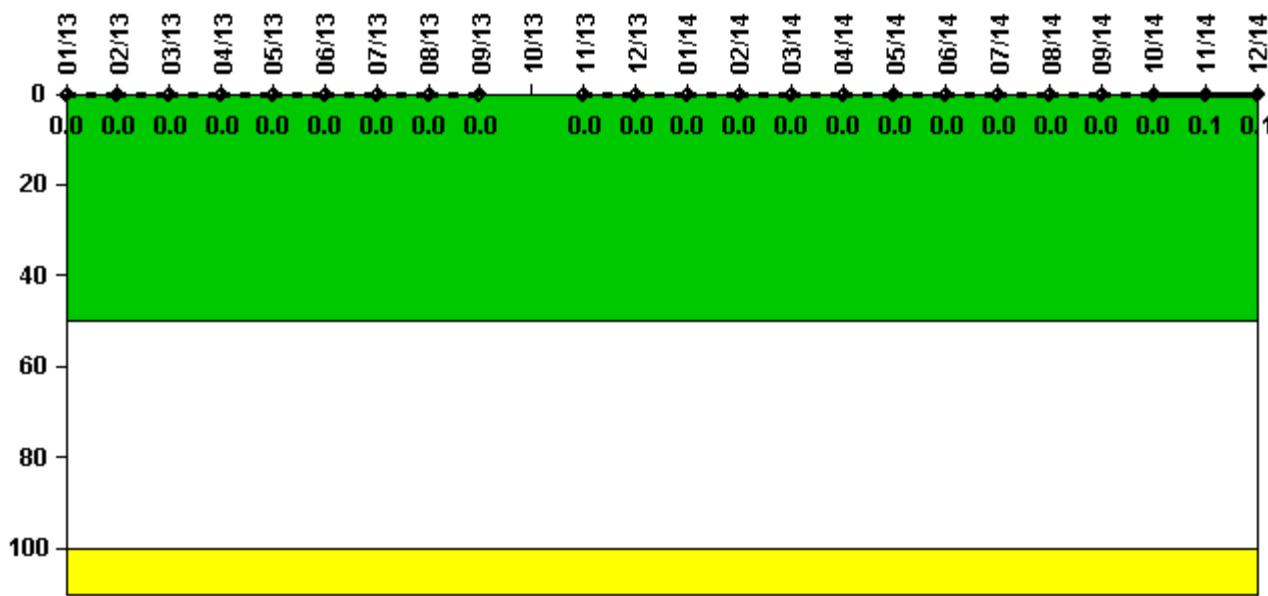
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
UAI (Δ CDF)	2.98E-08	2.40E-08	-3.22E-08	-3.22E-08	-3.22E-08	-3.22E-08	-3.22E-08	-3.17E-08
URI (Δ CDF)	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.80E-08	1.20E-08	-4.40E-08	-4.40E-08	-4.40E-08	-4.40E-08	-4.40E-08	-4.40E-08

Licensee Comments: none

Reactor Coolant System Activity



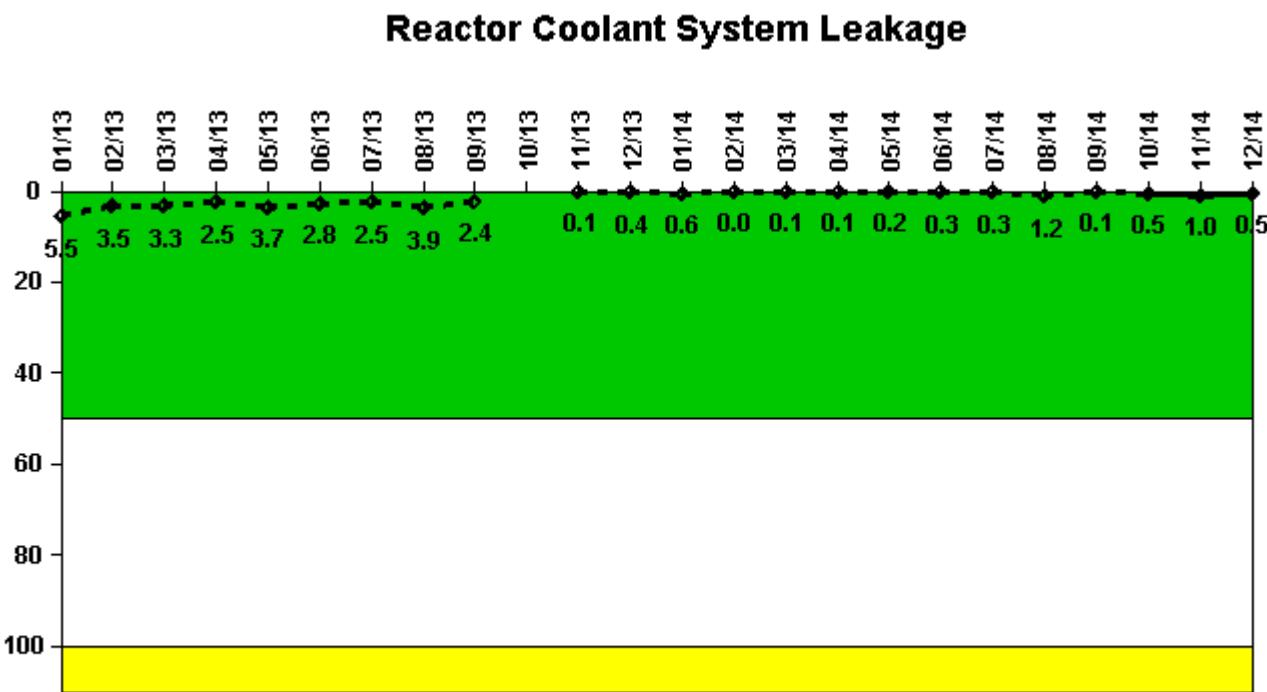
Thresholds: White > 50.0 Yellow > 100.0

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	0.000329	0.000310	0.000324	0.000329	0.000354	0.000325	0.000340	0.000391	0.000409	N/A	0.000222	0.000221
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	N/A	0	0

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	0.000241	0.000280	0.000327	0.000335	0.000307	0.000306	0.000385	0.000331	0.000351	0.000451	0.000504	0.000522
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0.1	0.1

Licensee Comments: none



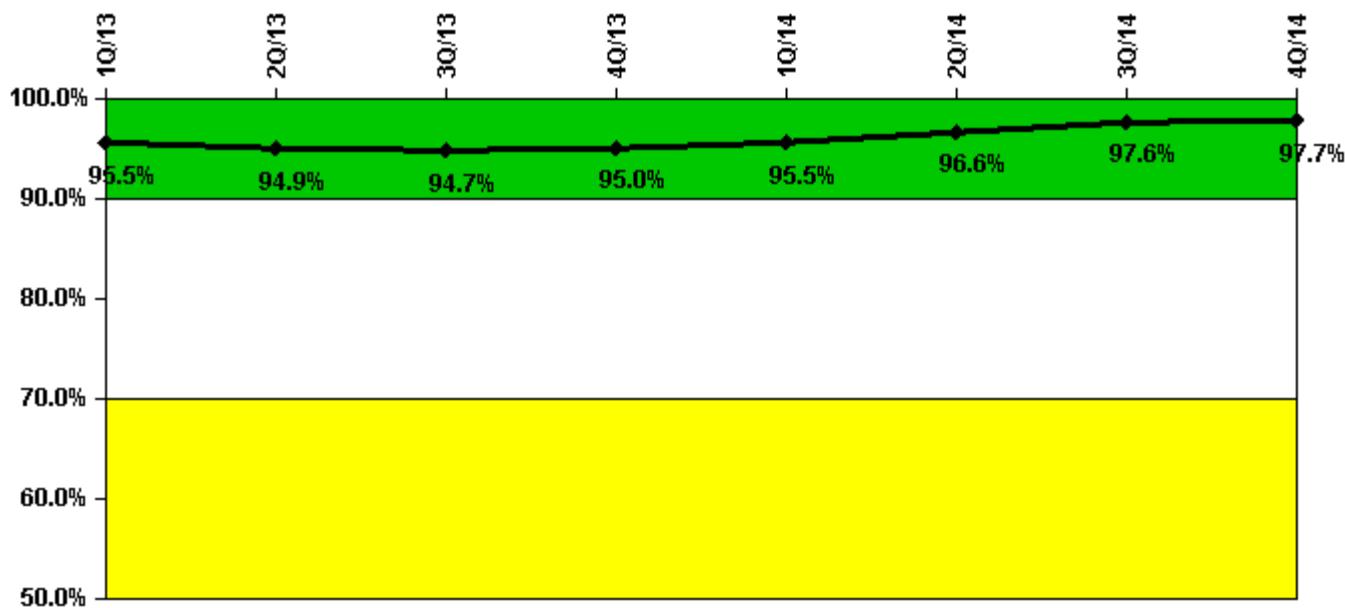
Thresholds: White > 50.0 Yellow > 100.0

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	0.551	0.346	0.329	0.249	0.374	0.280	0.249	0.389	0.240	N/A	0.010	0.042
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	5.5	3.5	3.3	2.5	3.7	2.8	2.5	3.9	2.4	N/A	0.1	0.4
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	0.063	0.003	0.010	0.011	0.015	0.029	0.030	0.117	0.014	0.045	0.095	0.053
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.6	0	0.1	0.1	0.2	0.3	0.3	1.2	0.1	0.5	1.0	0.5

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

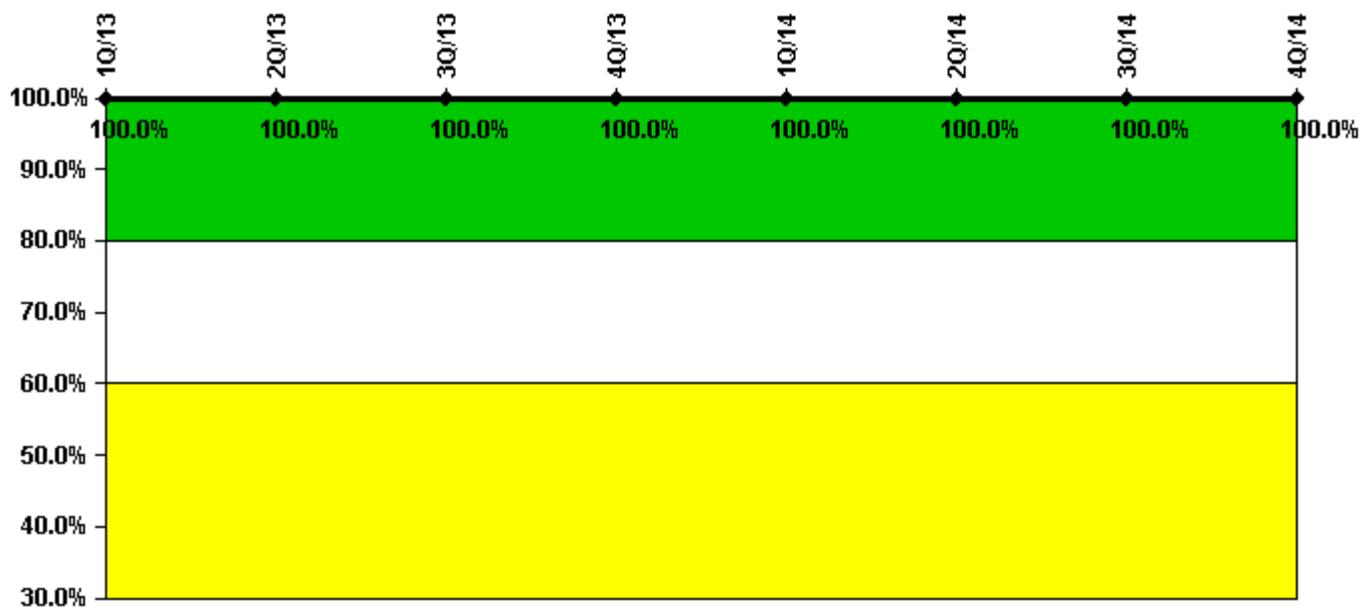
Notes

Drill/Exercise Performance	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Successful opportunities	95.0	56.0	79.0	29.0	50.0	43.0	53.0	29.0
Total opportunities	99.0	58.0	81.0	30.0	50.0	43.0	54.0	29.0
Indicator value	95.5%	94.9%	94.7%	95.0%	95.5%	96.6%	97.6%	97.7%

Licensee Comments:

2Q/13: Change to June 13 total drill, exercise and event opportunities

ERO Drill Participation



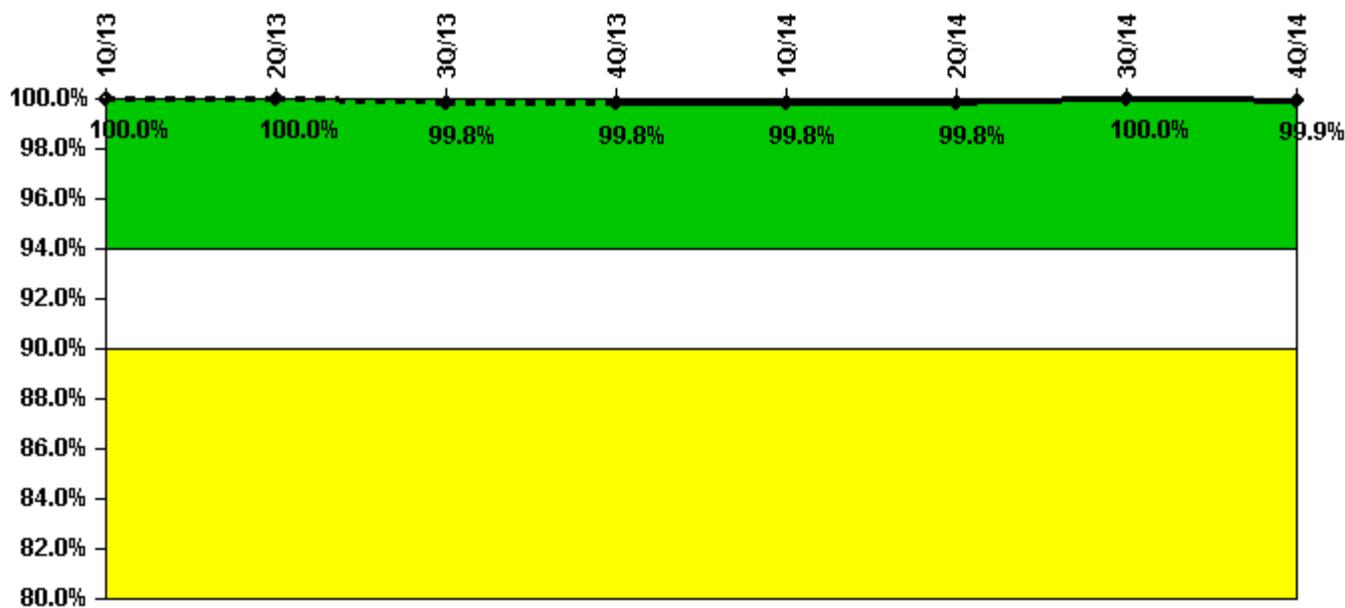
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Participating Key personnel	106.0	102.0	109.0	113.0	114.0	107.0	111.0	110.0
Total Key personnel	106.0	102.0	109.0	113.0	114.0	107.0	111.0	110.0
Indicator value	100.0%							

Licensee Comments: none

Alert & Notification System



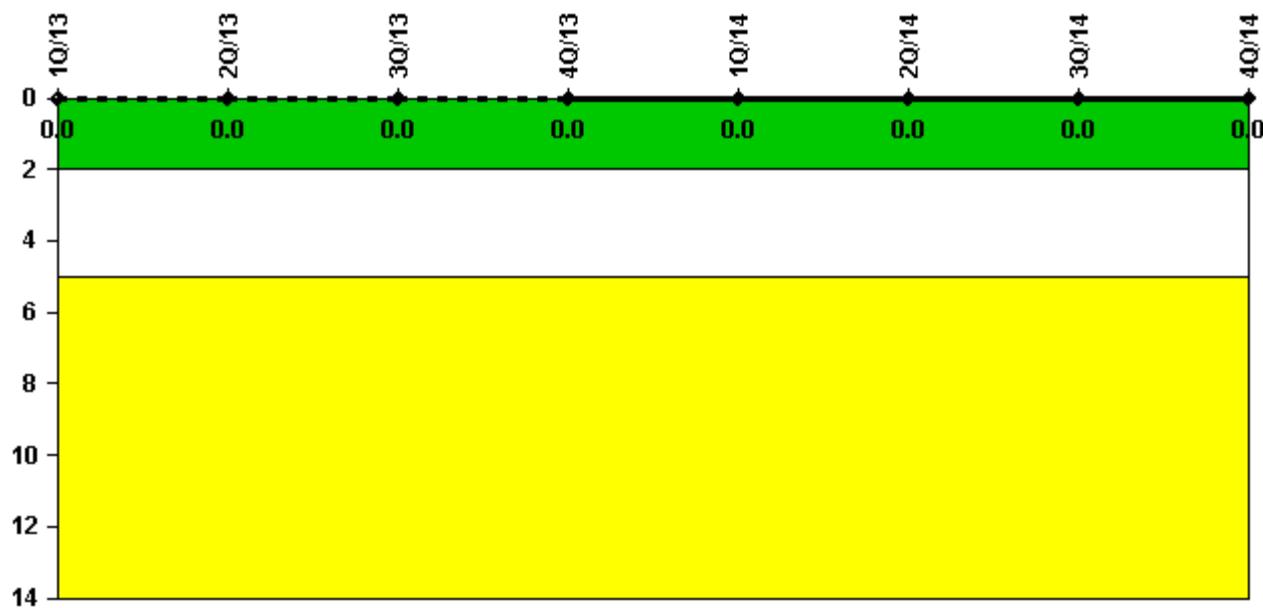
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Successful siren-tests	629	720	626	715	719	630	630	718
Total sirens-tests	630	720	630	715	720	630	630	720
Indicator value	100.0%	100.0%	99.8%	99.8%	99.8%	99.8%	100.0%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness

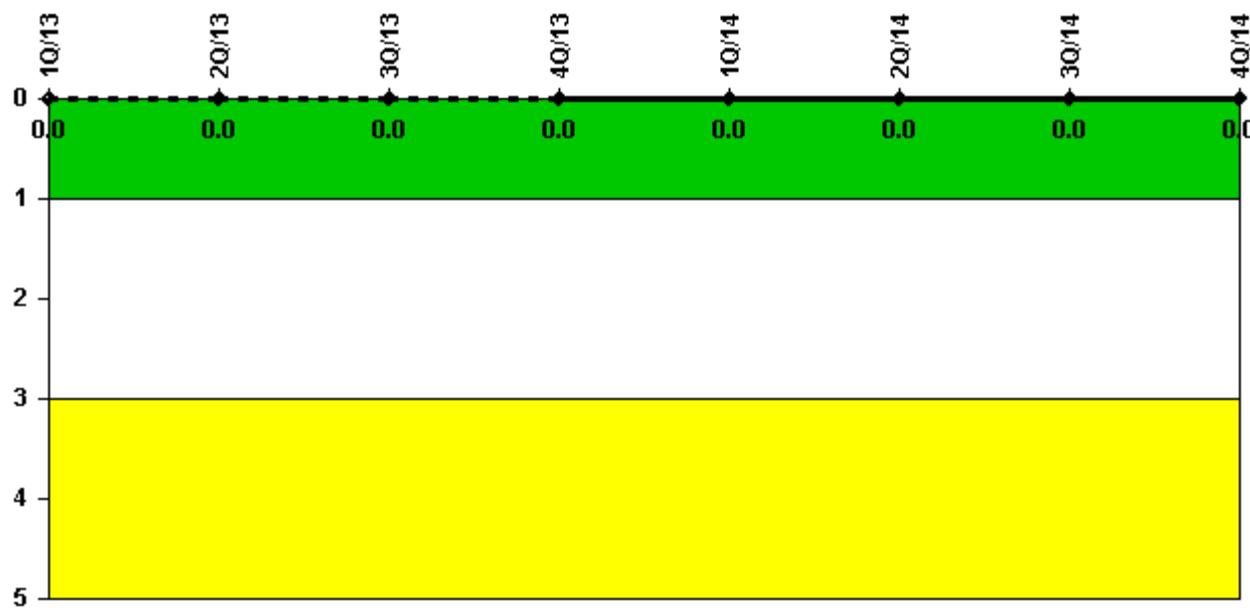


Thresholds: White > 2.0 Yellow > 5.0

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
Indicator value	0							

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	0							

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](#)

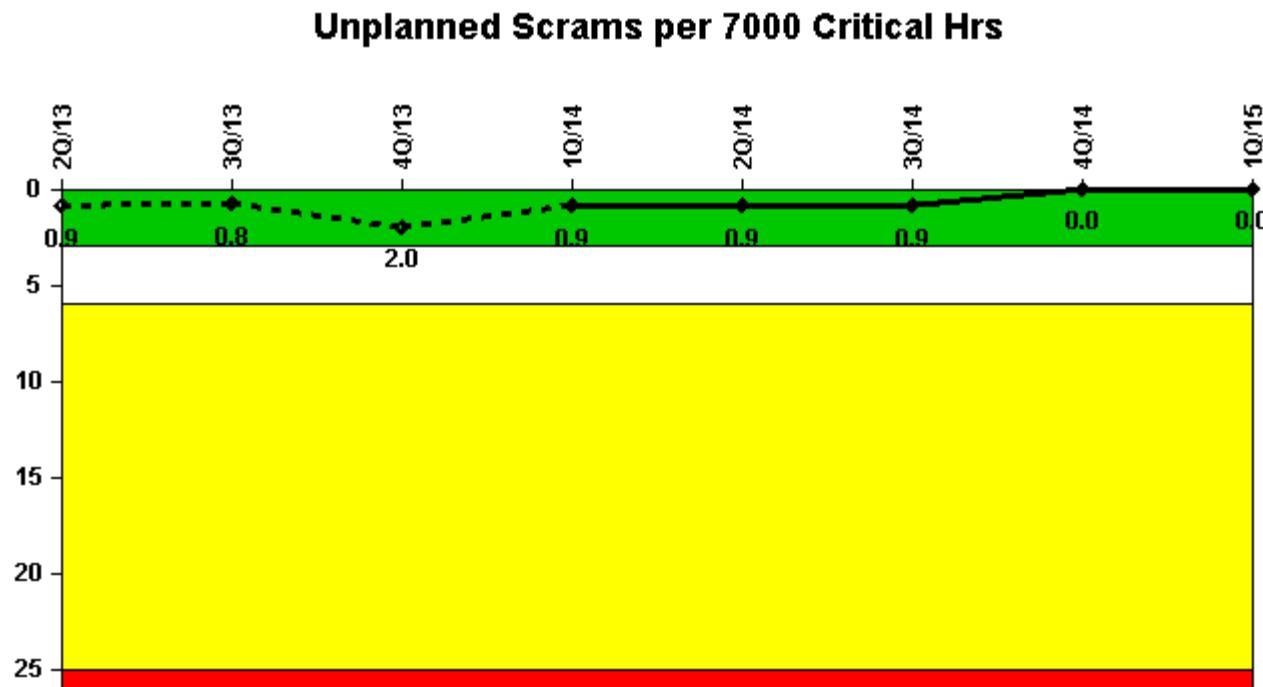
Last Modified: February 3, 2015

Saint Lucie 1

1Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none



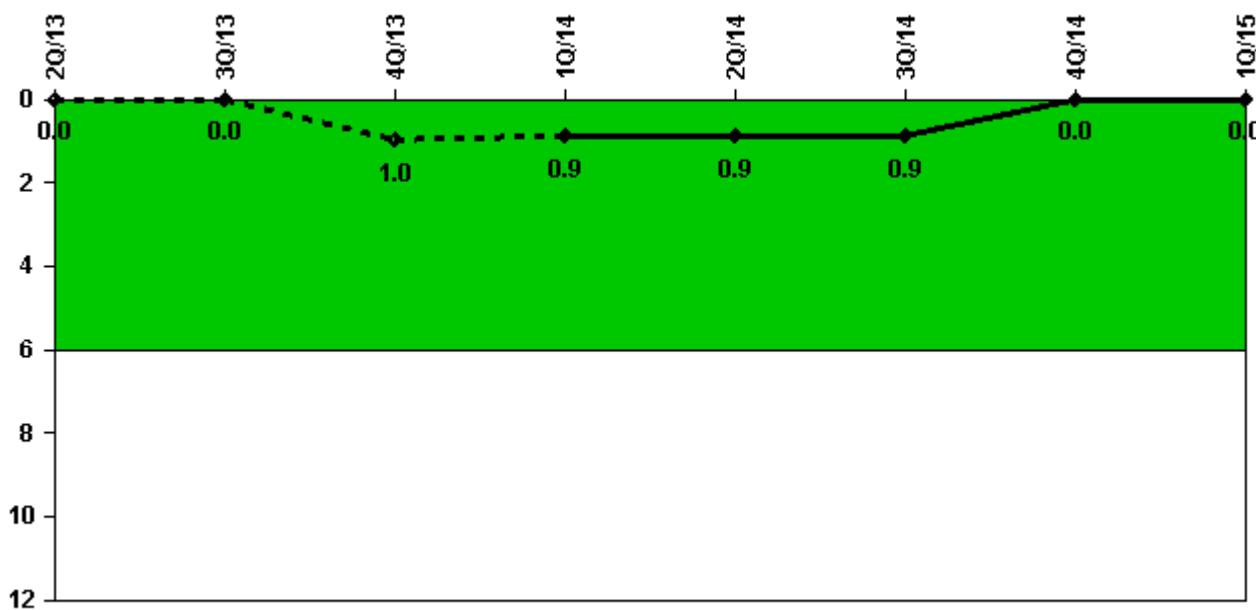
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	0	0	1.0	0	0	0	0	0
Critical hours	2184.0	2184.0	1103.9	2159.0	2184.0	2208.0	2209.0	1943.0
Indicator value	0.9	0.8	2.0	0.9	0.9	0.9	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

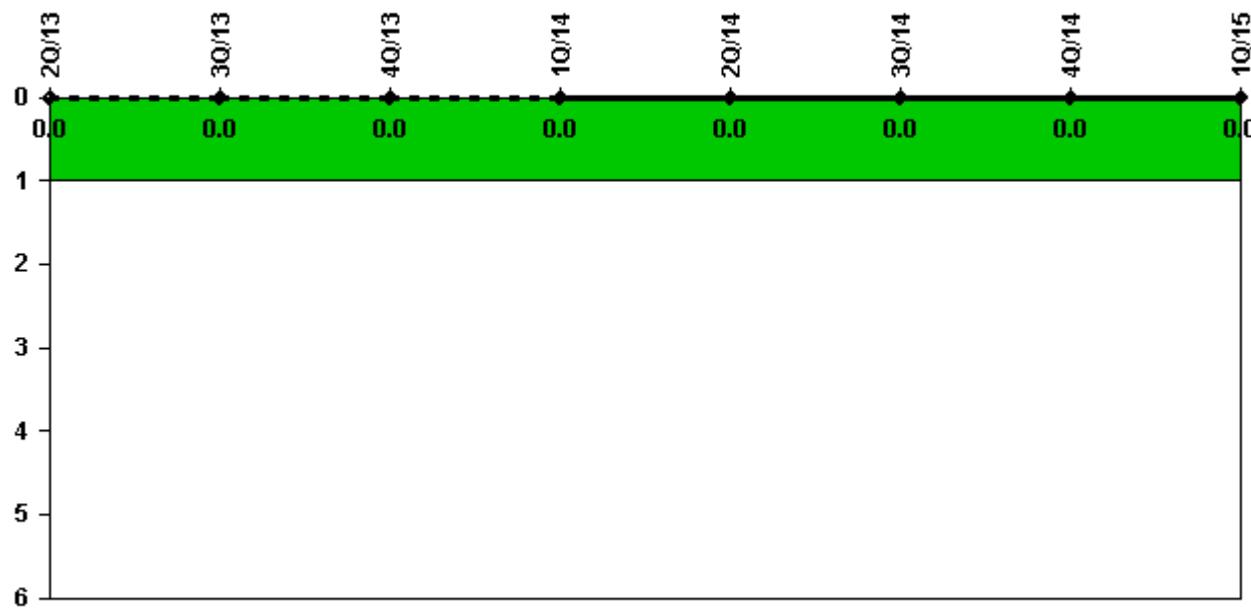
Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Unplanned power changes	0	0	1.0	0	0	0	0	0
Critical hours	2184.0	2184.0	1103.9	2159.0	2184.0	2208.0	2209.0	1943.0
Indicator value	0	0	1.0	0.9	0.9	0.9	0	0

Licensee Comments:

1Q/14: Subsequent analysis of the February 2014 1A EDG failure determined that there was no MSPI failure associated with the event. The failure record was corrected to reflect no MSPI failure.

Unplanned Scrams with Complications



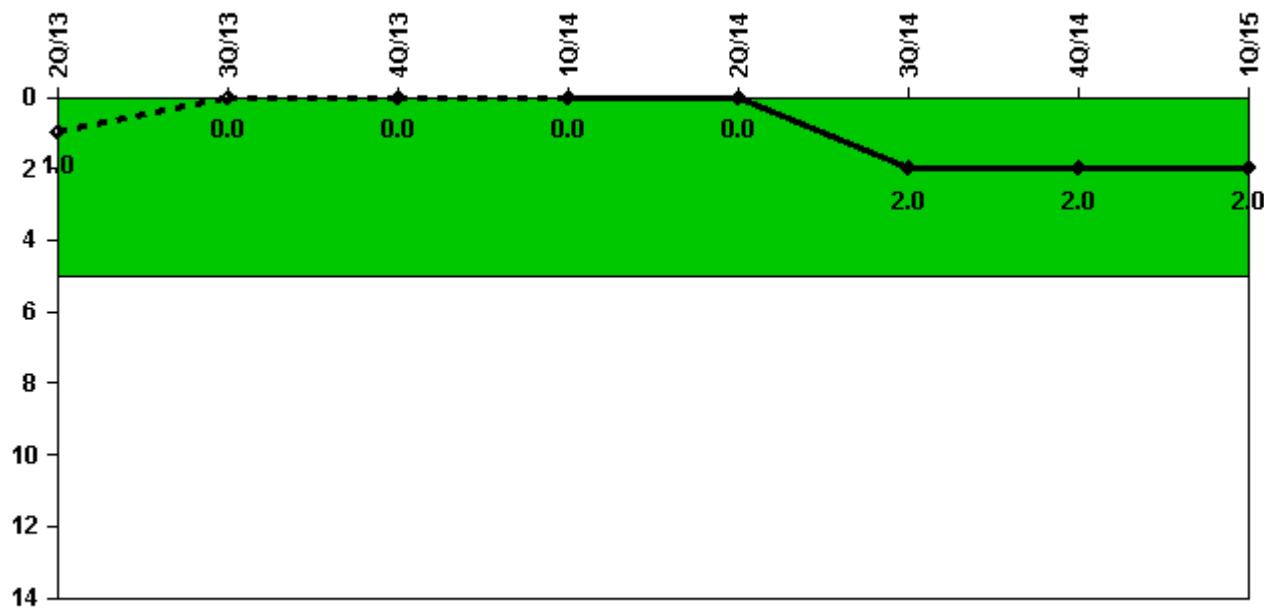
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0							

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

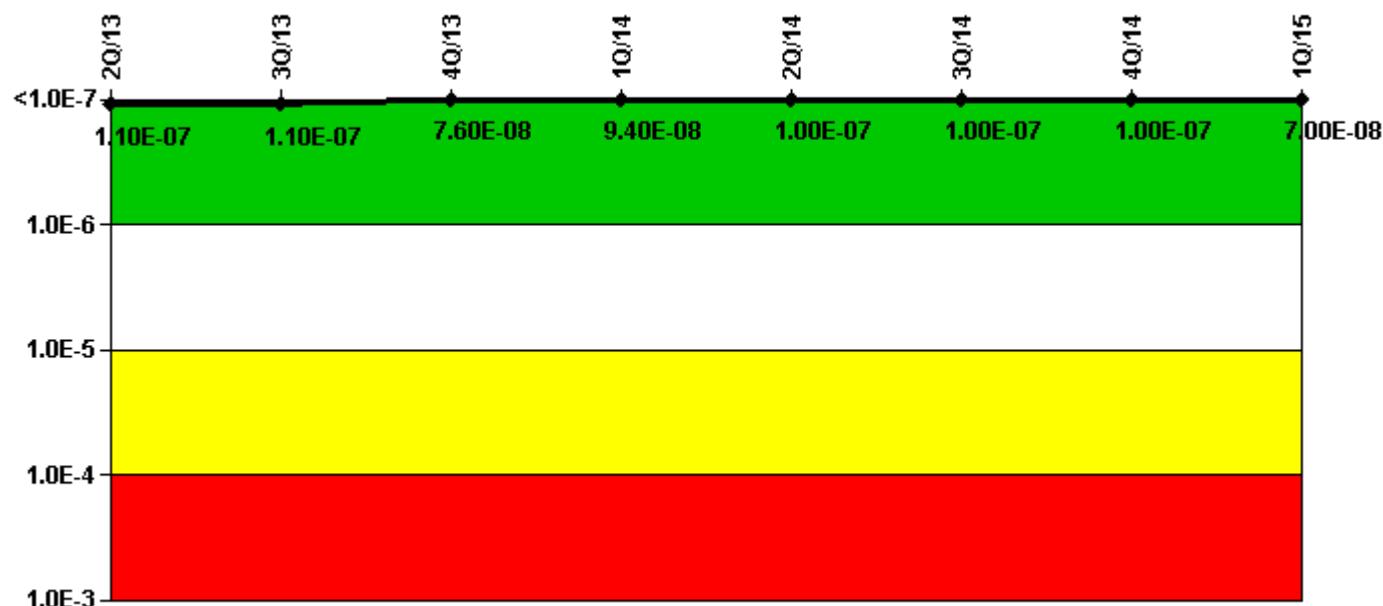
Notes

Safety System Functional Failures (PWR)	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Safety System Functional Failures	0	0	0	0	0	2	0	0
Indicator value	1	0	0	0	0	2	2	2

Licensee Comments:

3Q/14: Unit 1 LER 50-335/2014-001-02, Unit 1 and 2 LER 50-335,389/2012-010-02

Mitigating Systems Performance Index, Emergency AC Power System



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

Notes

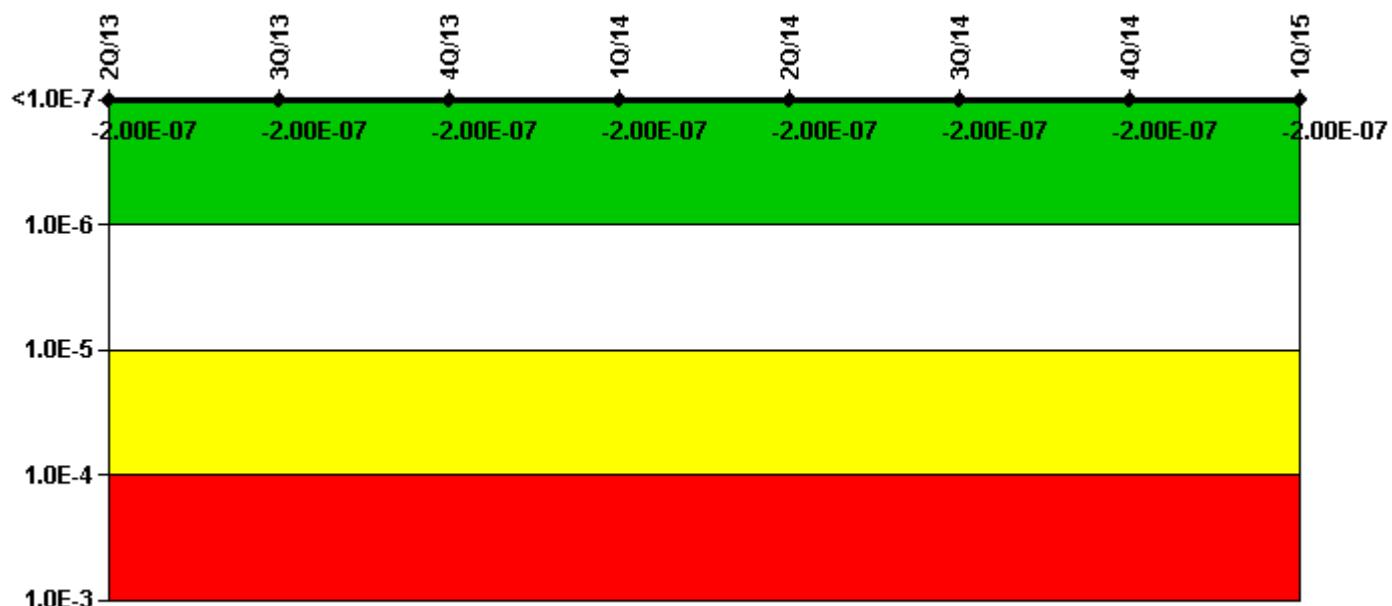
Mitigating Systems Performance Index, Emergency AC Power System	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
UAI (Δ CDF)	6.20E-08	5.61E-08	2.50E-08	4.20E-08	5.06E-08	5.02E-08	4.76E-08	5.27E-08
URI (Δ CDF)	5.06E-08	5.10E-08	5.11E-08	5.15E-08	5.20E-08	5.24E-08	5.29E-08	1.70E-08
PLE	NO							
Indicator value	1.10E-07	1.10E-07	7.60E-08	9.40E-08	1.00E-07	1.00E-07	1.00E-07	7.00E-08

Licensee Comments:

1Q/14: Subsequent analysis of the February 2014 1A EDG failure determined that there was no MSPI failure associated with the event. The failure record was corrected to reflect no MSPI failure.

4Q/13: Additional 1A EDG demand start added during 4Q/2014 submittal causing recalculation for all subsequent quarters.

Mitigating Systems Performance Index, High Pressure Injection System



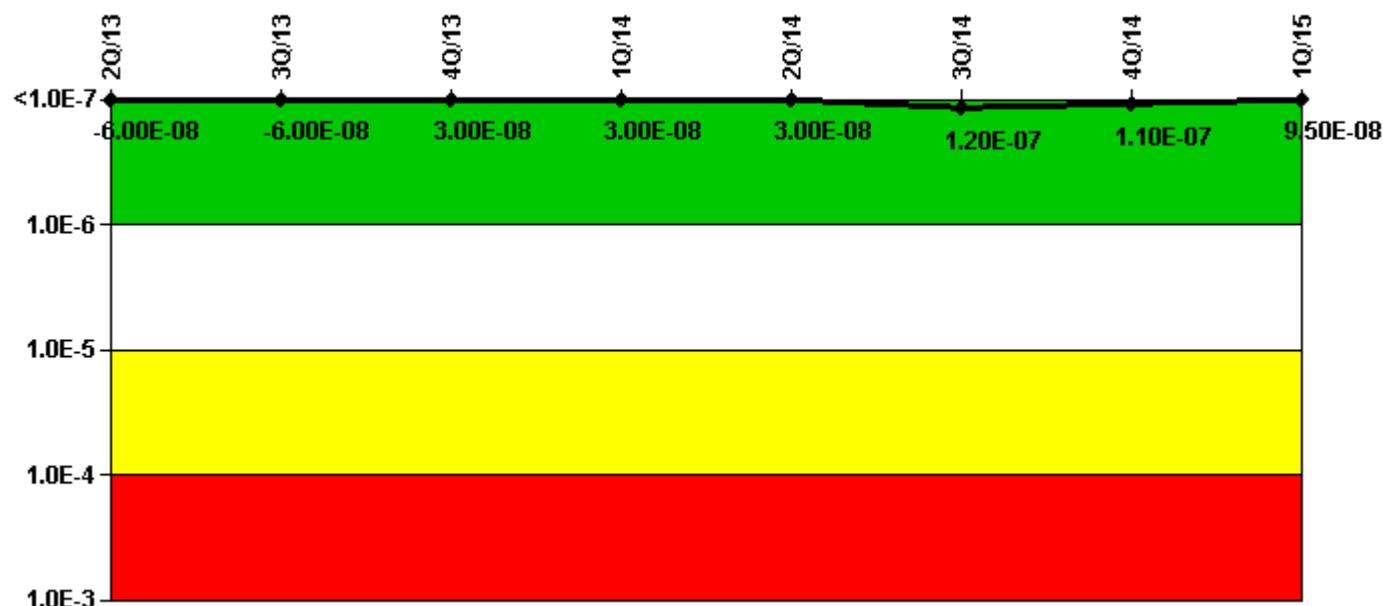
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (Δ CDF)	-3.36E-08							
URI (Δ CDF)	-1.63E-07							
PLE	NO							
Indicator value	-2.00E-07							

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



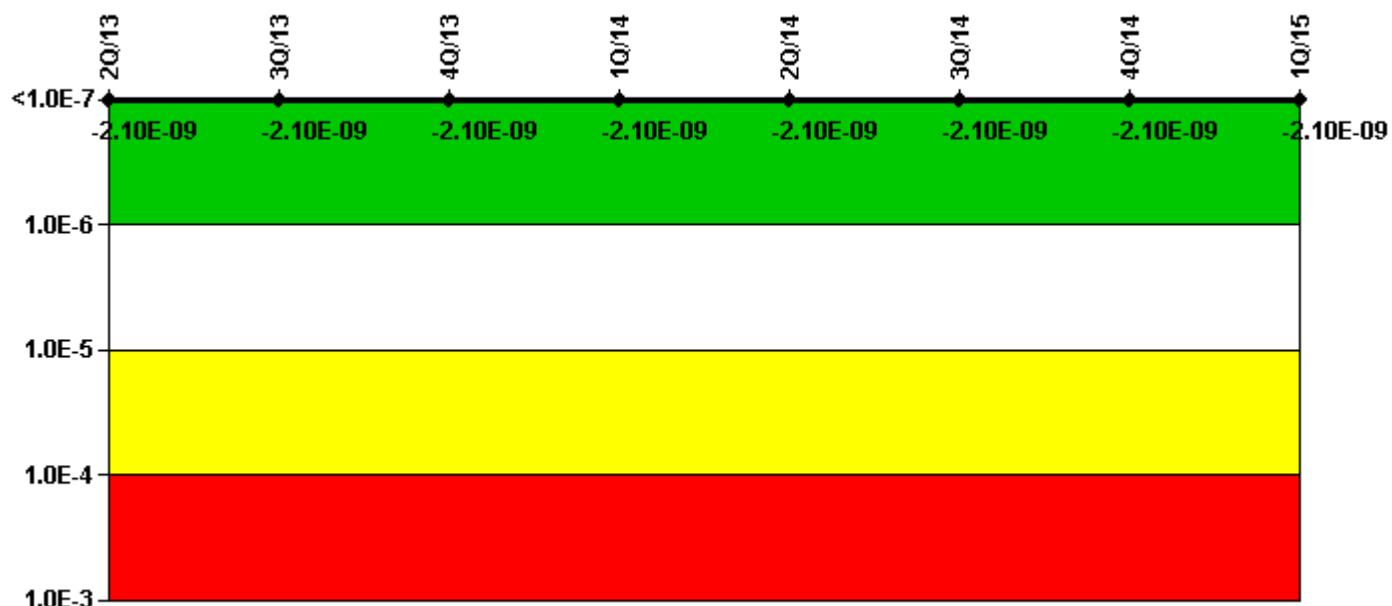
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
UAI (Δ CDF)	-1.31E-08	-1.30E-08	-9.39E-09	-9.39E-09	-9.39E-09	-9.42E-09	-1.29E-08	-1.31E-08
URI (Δ CDF)	-4.67E-08	-4.67E-08	3.92E-08	3.92E-08	3.92E-08	1.25E-07	1.25E-07	1.09E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.00E-08	-6.00E-08	3.00E-08	3.00E-08	3.00E-08	1.20E-07	1.10E-07	9.50E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



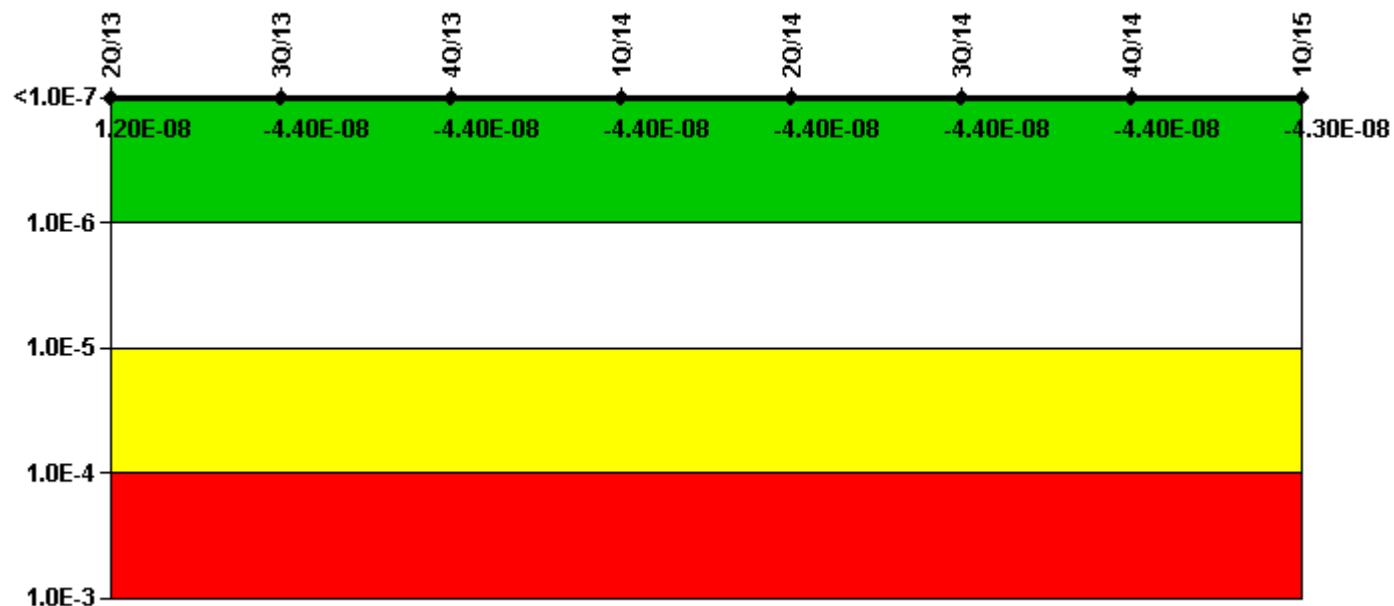
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
UAI (Δ CDF)	-1.41E-10							
URI (Δ CDF)	-1.96E-09							
PLE	NO							
Indicator value	-2.10E-09							

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



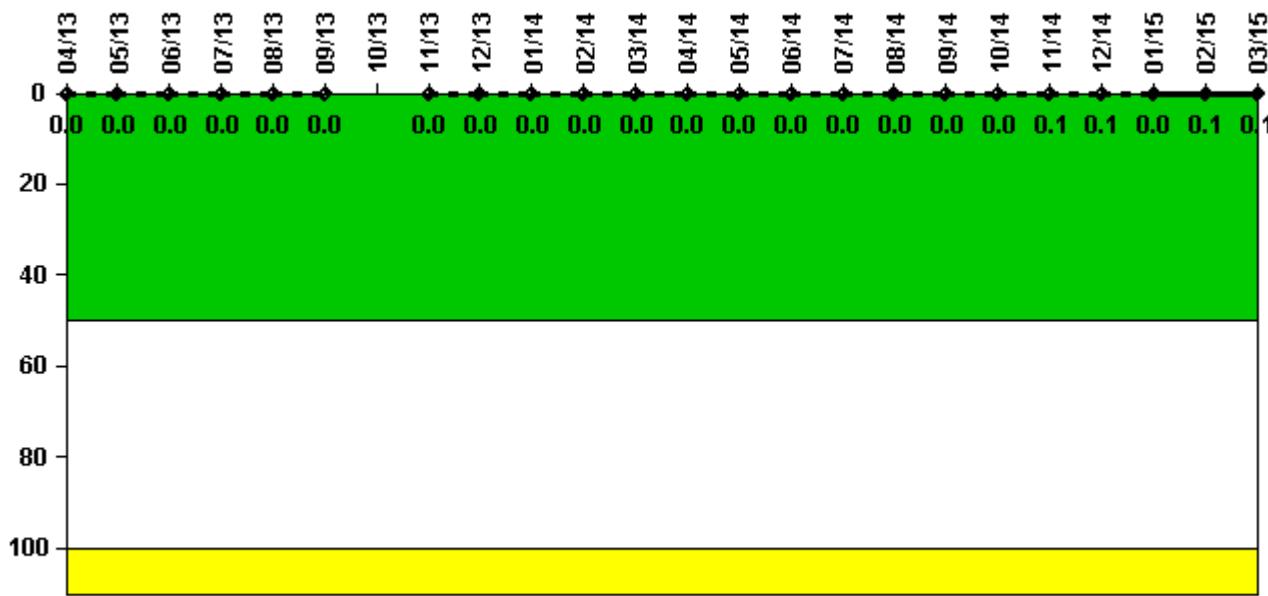
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
UAI (Δ CDF)	2.40E-08	-3.22E-08	-3.22E-08	-3.22E-08	-3.22E-08	-3.22E-08	-3.17E-08	-3.11E-08
URI (Δ CDF)	-1.20E-08							
PLE	NO							
Indicator value	1.20E-08	-4.40E-08	-4.40E-08	-4.40E-08	-4.40E-08	-4.40E-08	-4.40E-08	-4.30E-08

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

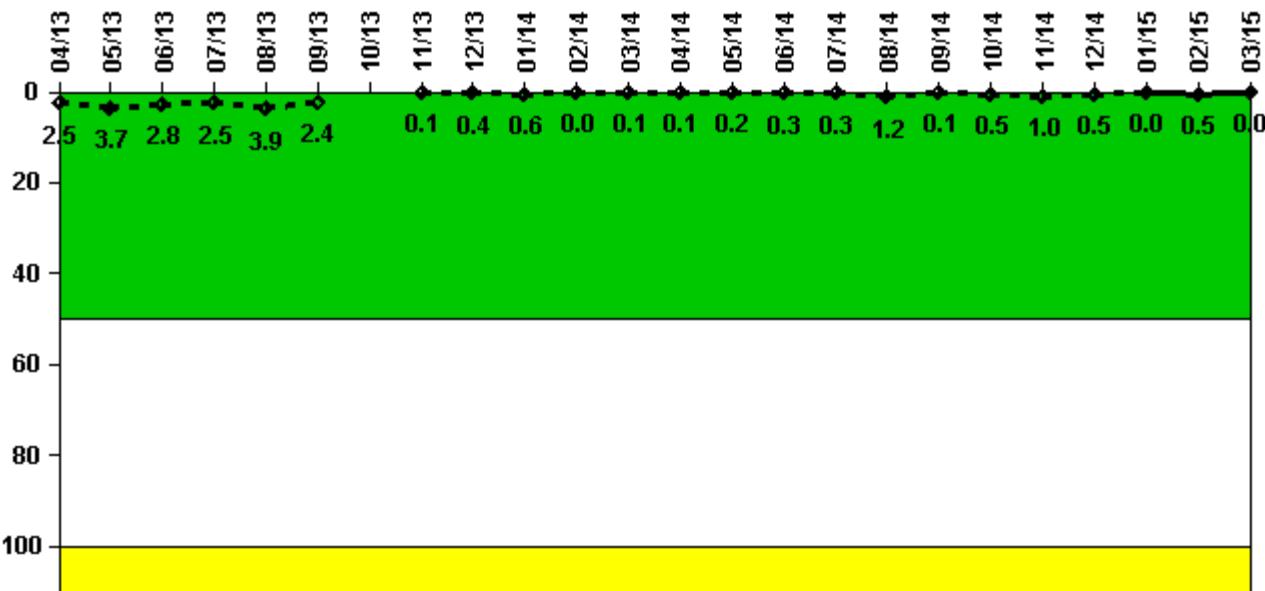
Notes

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	0.000329	0.000354	0.000325	0.000340	0.000391	0.000409	N/A	0.000222	0.000221	0.000241	0.000280	0.000327
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	N/A	0	0	0	0	0

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	0.000335	0.000307	0.000306	0.000385	0.000331	0.000351	0.000451	0.000504	0.000522	0.000415	0.000500	0.001210
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0.1	0.1	0	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



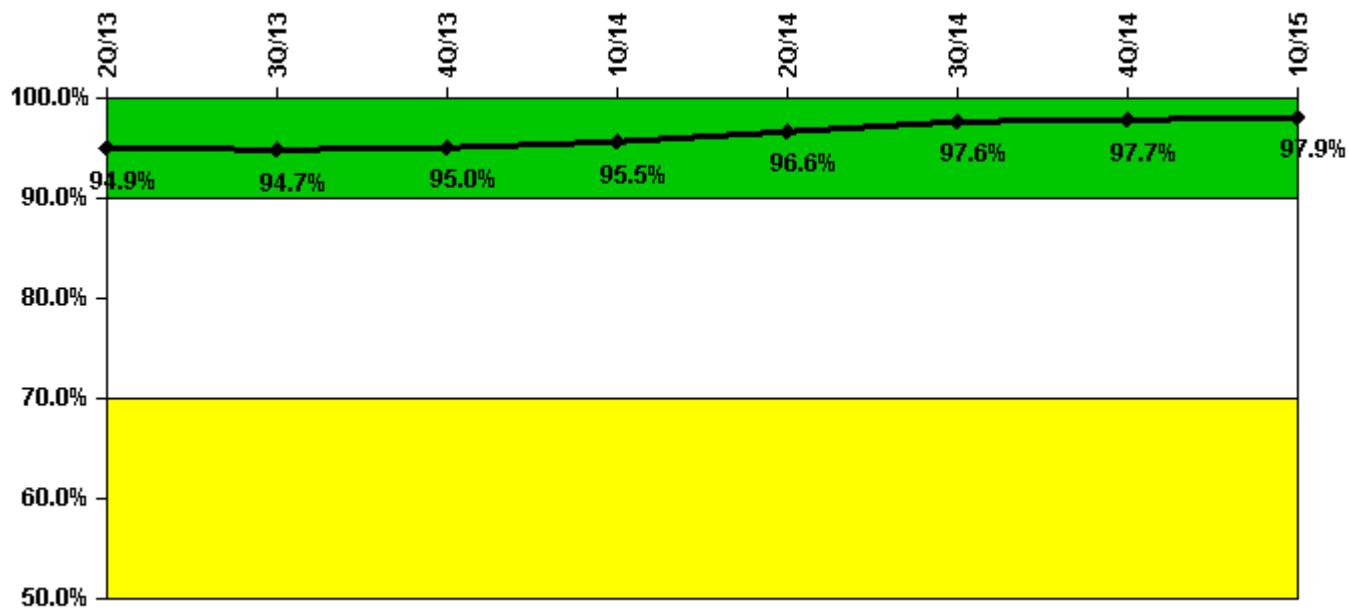
Thresholds: White > 50.0 Yellow > 100.0

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	0.249	0.374	0.280	0.249	0.389	0.240	N/A	0.010	0.042	0.063	0.003	0.010
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.5	3.7	2.8	2.5	3.9	2.4	N/A	0.1	0.4	0.6	0	0.1
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	0.011	0.015	0.029	0.030	0.117	0.014	0.045	0.095	0.053	0.001	0.052	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.2	0.3	0.3	1.2	0.1	0.5	1.0	0.5	0	0.5	0

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

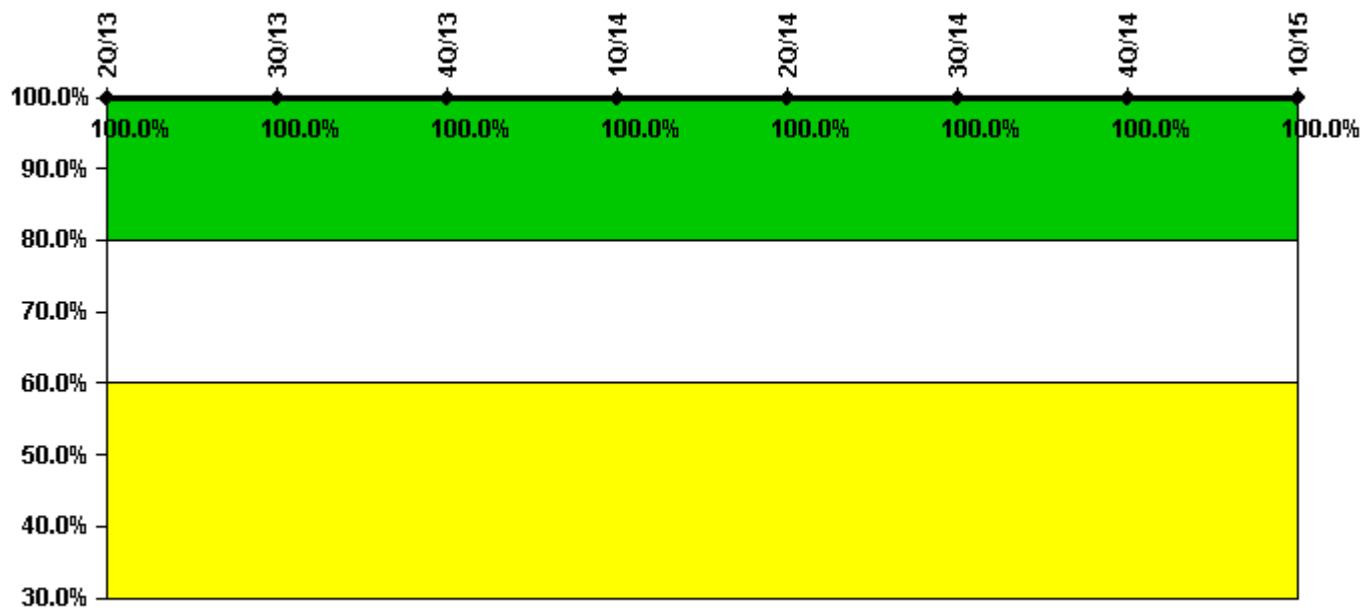
Notes

Drill/Exercise Performance	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Successful opportunities	56.0	79.0	29.0	50.0	43.0	53.0	29.0	31.0
Total opportunities	58.0	81.0	30.0	50.0	43.0	54.0	29.0	33.0
Indicator value	94.9%	94.7%	95.0%	95.5%	96.6%	97.6%	97.7%	97.9%

Licensee Comments:

2Q/13: Change to June 13 total drill, exercise and event opportunities

ERO Drill Participation



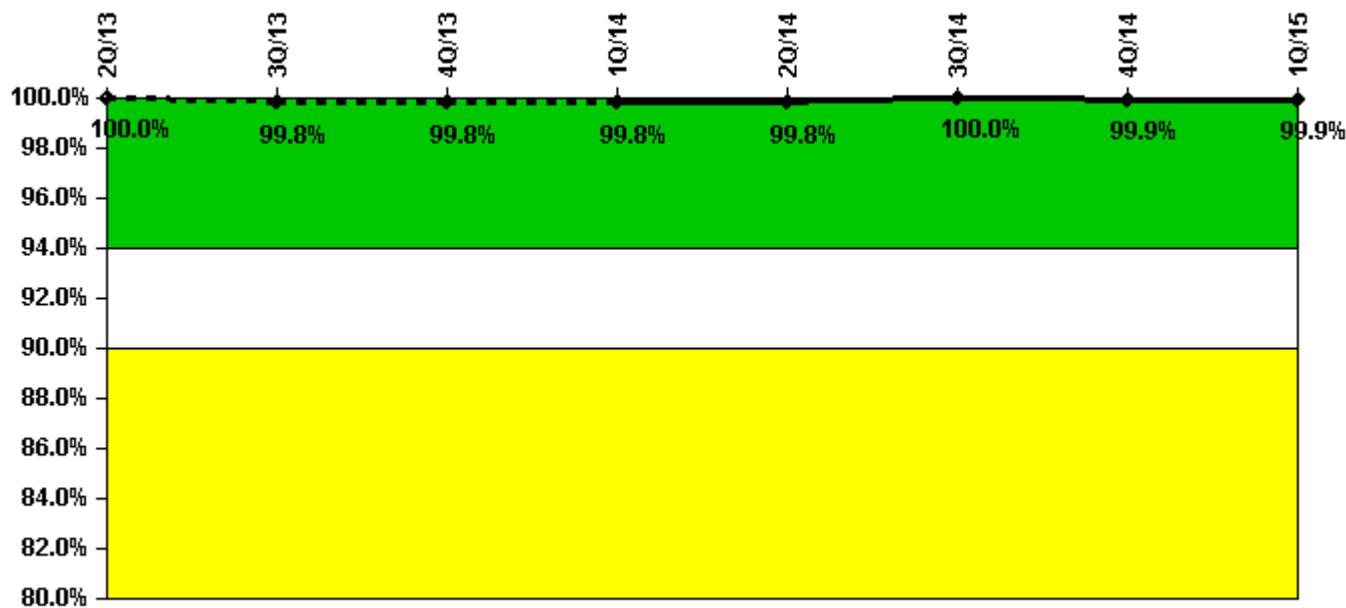
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Participating Key personnel	102.0	109.0	113.0	114.0	107.0	111.0	110.0	94.0
Total Key personnel	102.0	109.0	113.0	114.0	107.0	111.0	110.0	94.0
Indicator value	100.0%							

Licensee Comments: none

Alert & Notification System



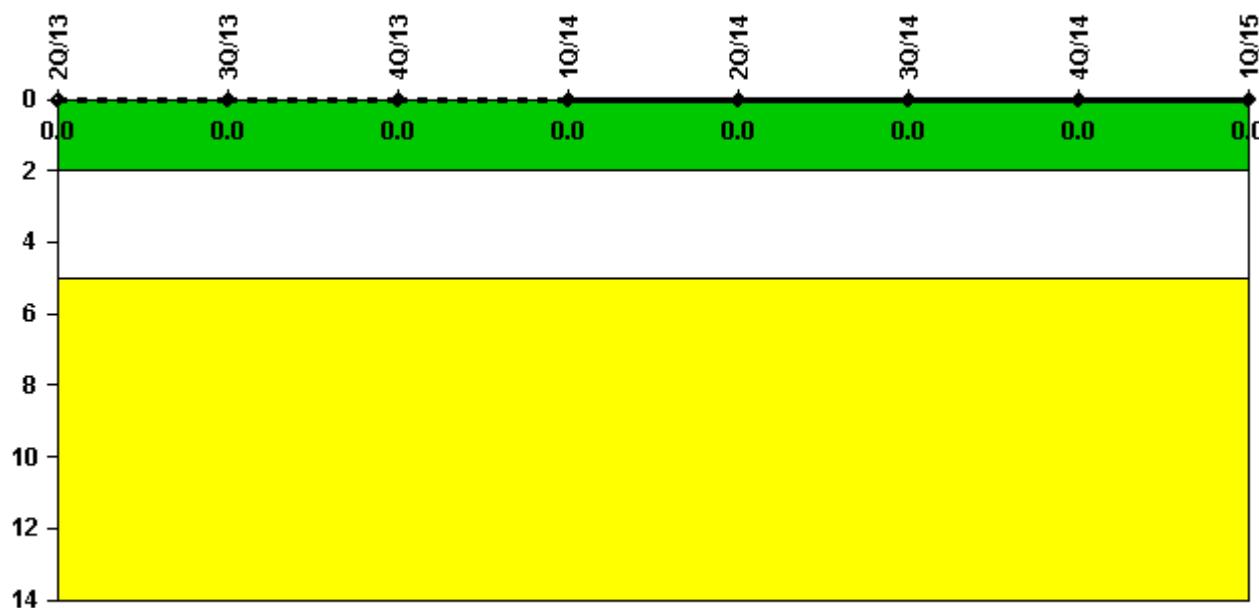
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Successful siren-tests	720	626	715	719	630	630	718	630
Total sirens-tests	720	630	715	720	630	630	720	630
Indicator value	100.0%	99.8%	99.8%	99.8%	99.8%	100.0%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



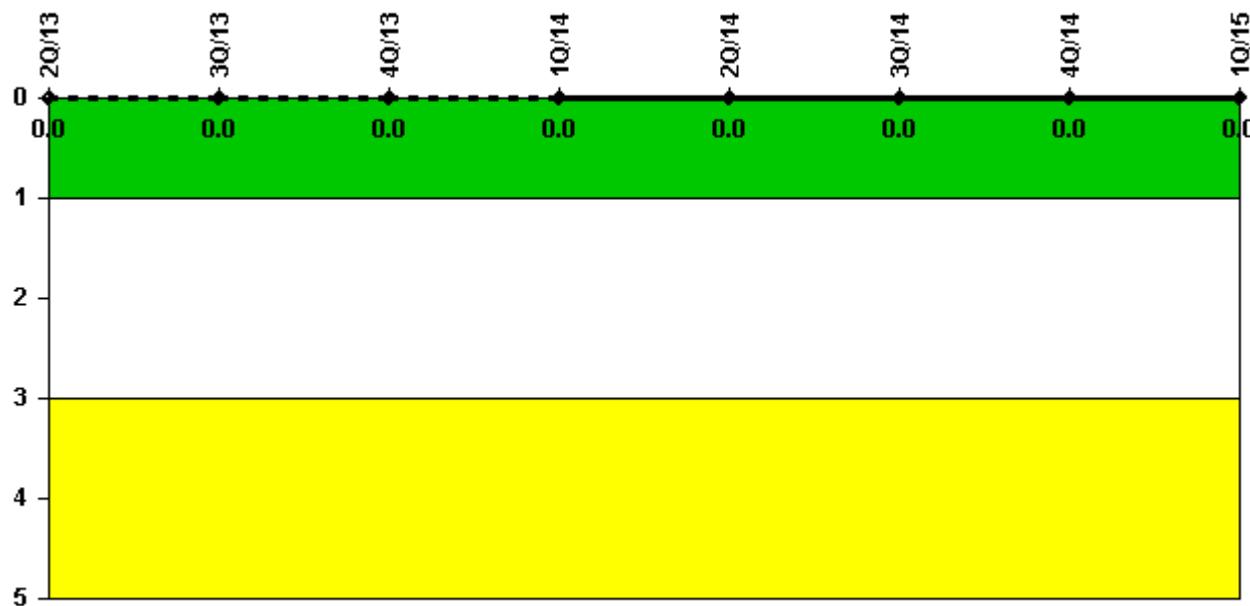
Thresholds: White > 2.0 Yellow > 5.0

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
Indicator value	0							

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

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

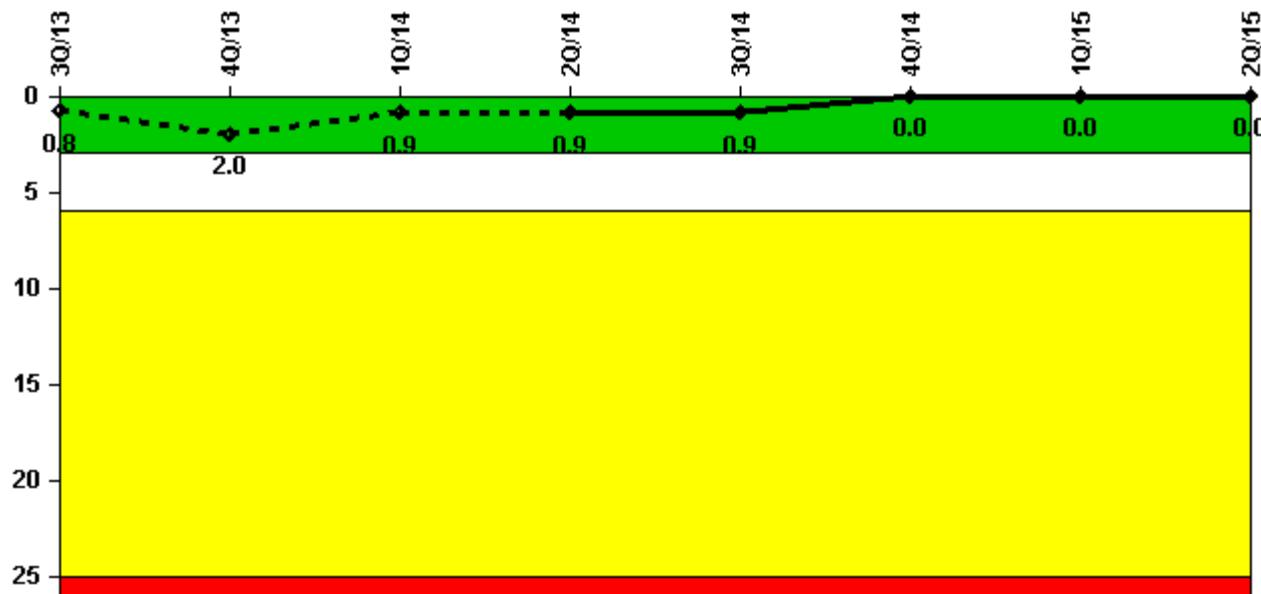
Saint Lucie 1

2Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



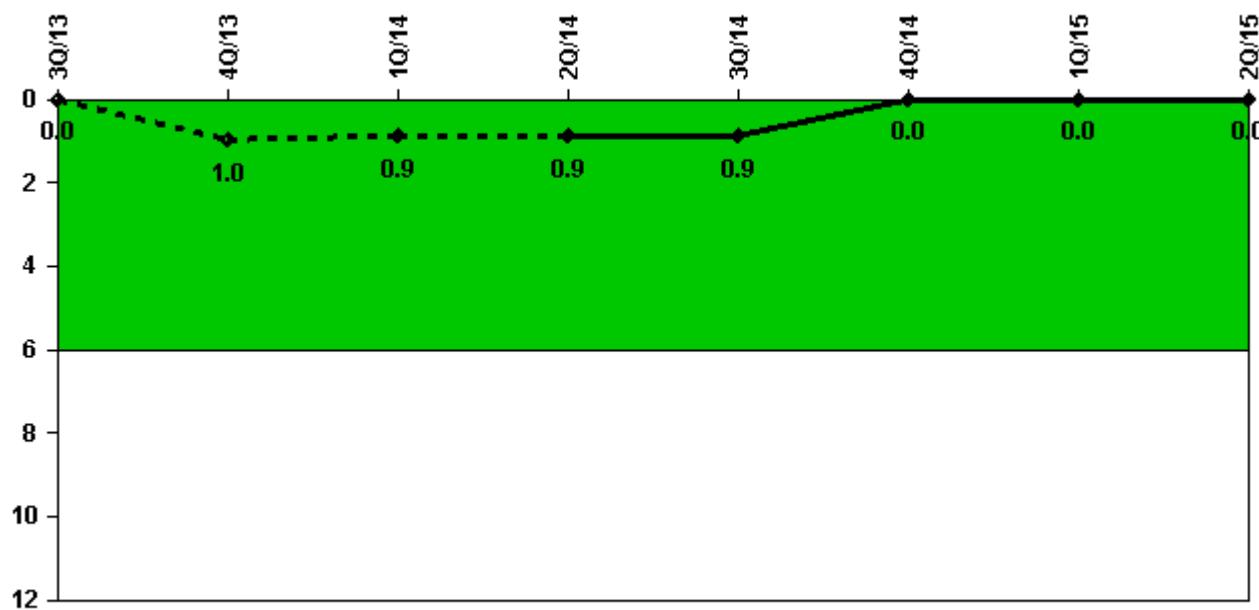
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0	0	0	0
Critical hours	2184.0	1103.9	2159.0	2184.0	2208.0	2209.0	1943.0	1653.2
Indicator value	0.8	2.0	0.9	0.9	0.9	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

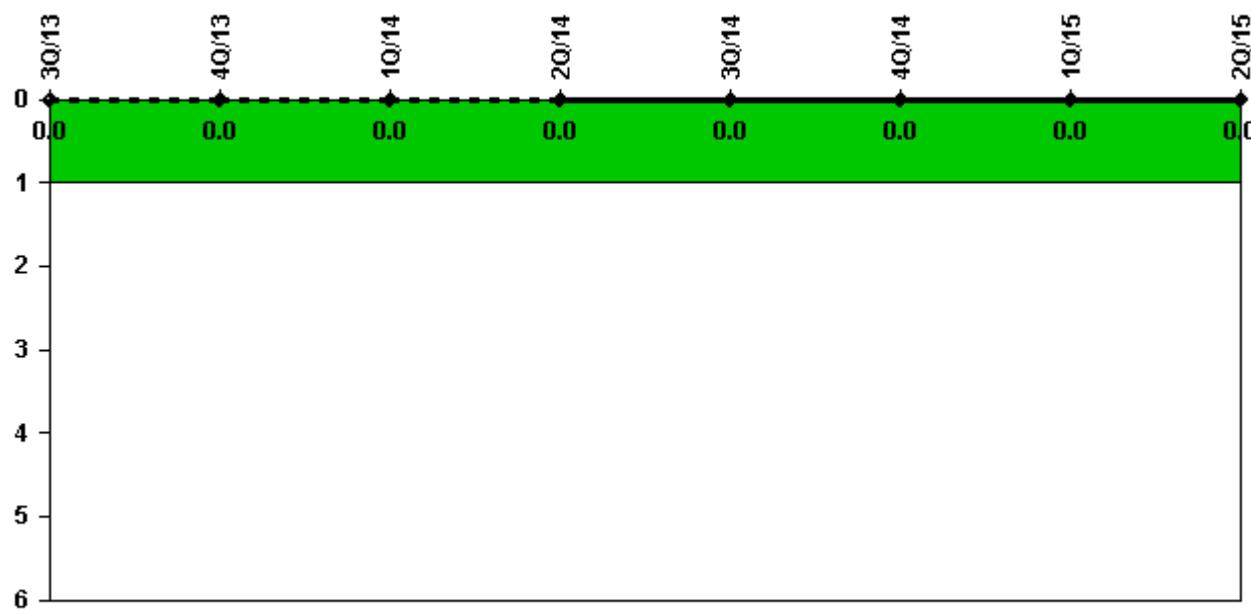
Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Unplanned power changes	0	1.0	0	0	0	0	0	0
Critical hours	2184.0	1103.9	2159.0	2184.0	2208.0	2209.0	1943.0	1653.2
Indicator value	0	1.0	0.9	0.9	0.9	0	0	0

Licensee Comments:

1Q/14: Subsequent analysis of the February 2014 1A EDG failure determined that there was no MSPI failure associated with the event. The failure record was corrected to reflect no MSPI failure.

Unplanned Scrams with Complications



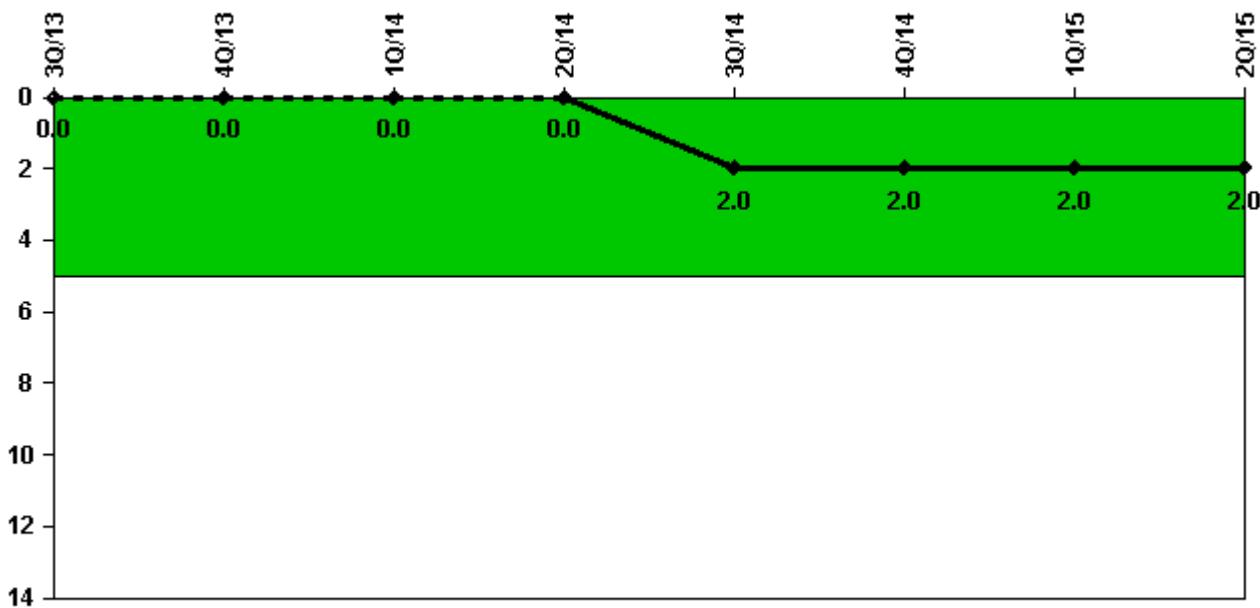
Thresholds: White > 1.0

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
Indicator value	0.0							

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

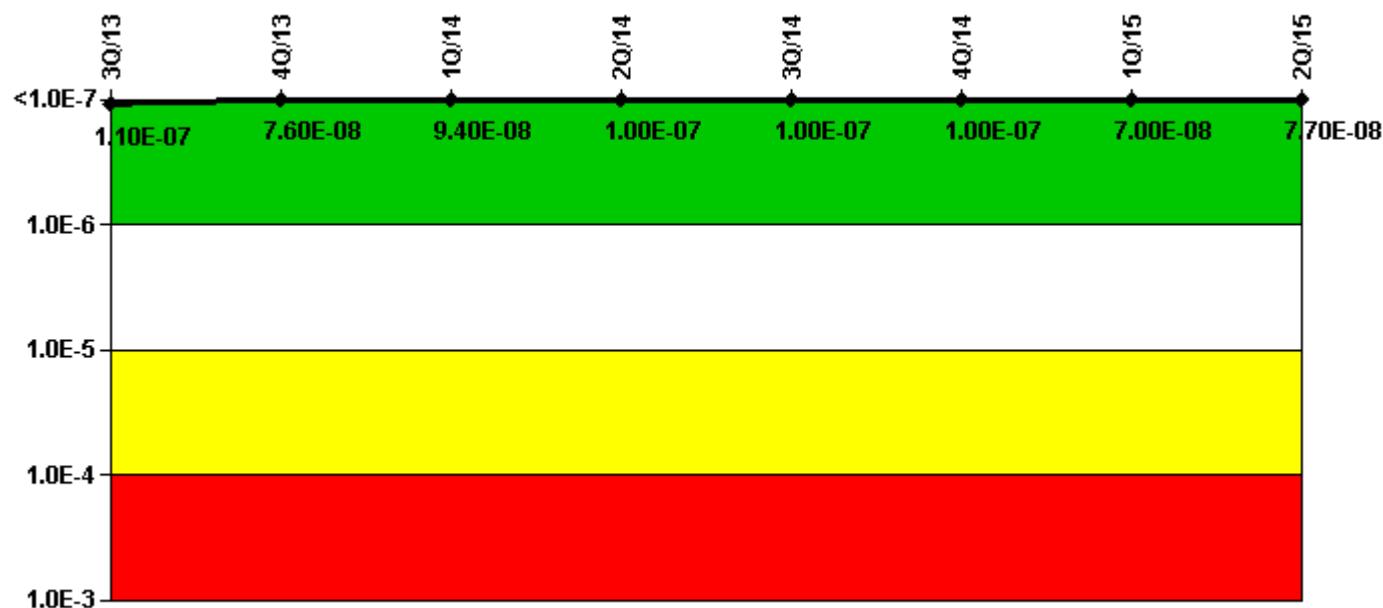
Notes

Safety System Functional Failures (PWR)	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Safety System Functional Failures	0	0	0	0	2	0	0	0
Indicator value	0	0	0	0	2	2	2	2

Licensee Comments:

3Q/14: Unit 1 LER 50-335/2014-001-02, Unit 1 and 2 LER 50-335,389/2012-010-02

Mitigating Systems Performance Index, Emergency AC Power System



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

Notes

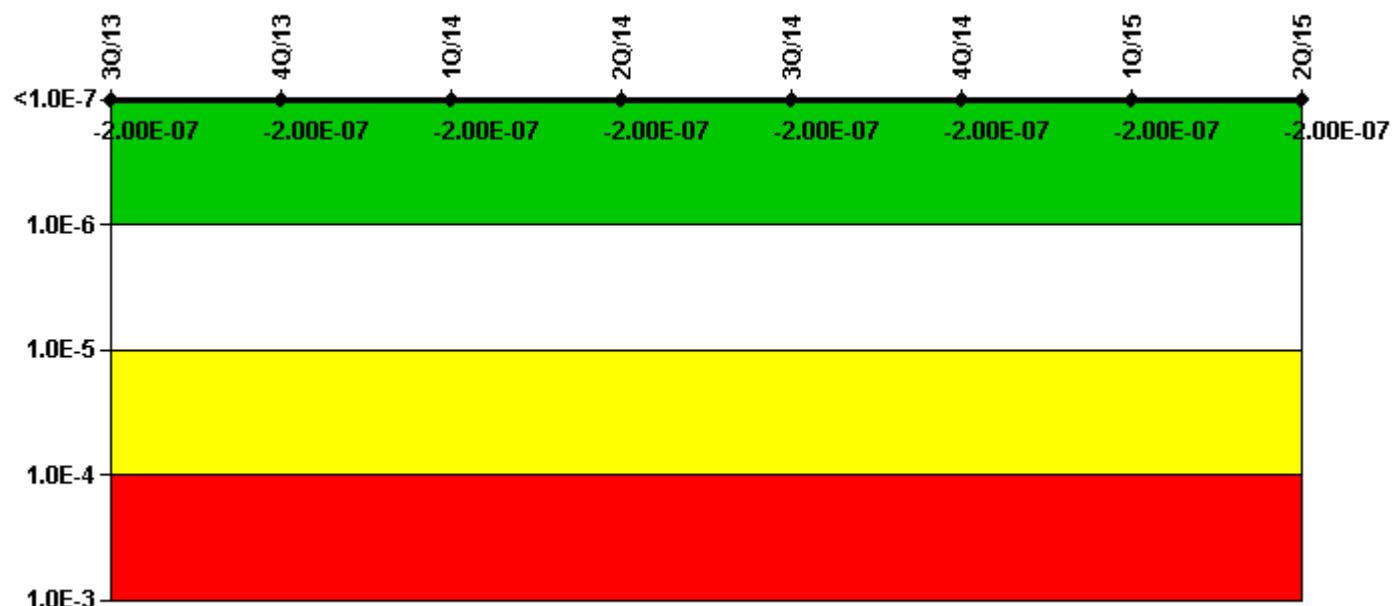
Mitigating Systems Performance Index, Emergency AC Power System	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
UAI (Δ CDF)	5.61E-08	2.50E-08	4.20E-08	5.06E-08	5.02E-08	4.76E-08	5.27E-08	5.26E-08
URI (Δ CDF)	5.10E-08	5.11E-08	5.15E-08	5.20E-08	5.24E-08	5.29E-08	1.70E-08	2.40E-08
PLE	NO							
Indicator value	1.10E-07	7.60E-08	9.40E-08	1.00E-07	1.00E-07	1.00E-07	7.00E-08	7.70E-08

Licensee Comments:

1Q/14: Subsequent analysis of the February 2014 1A EDG failure determined that there was no MSPI failure associated with the event. The failure record was corrected to reflect no MSPI failure.

4Q/13: Additional 1A EDG demand start added during 4Q/2014 submittal causing recalculation for all subsequent quarters.

Mitigating Systems Performance Index, High Pressure Injection System



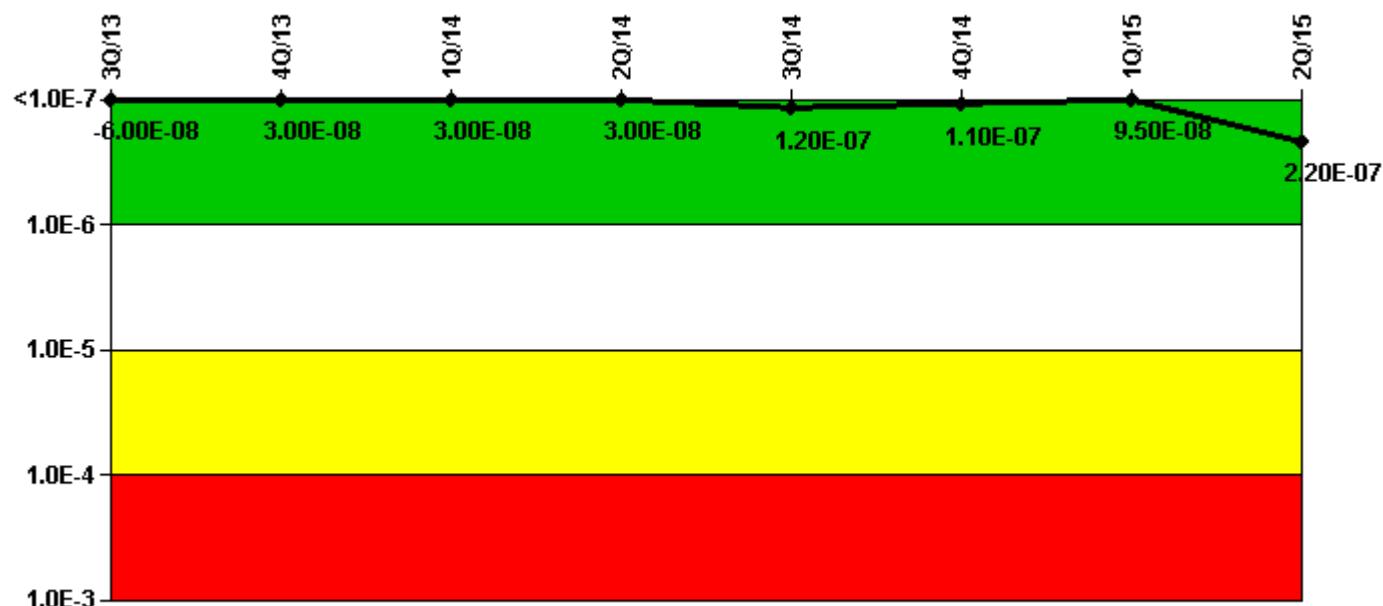
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (Δ CDF)	-3.36E-08							
URI (Δ CDF)	-1.63E-07							
PLE	NO							
Indicator value	-2.00E-07							

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



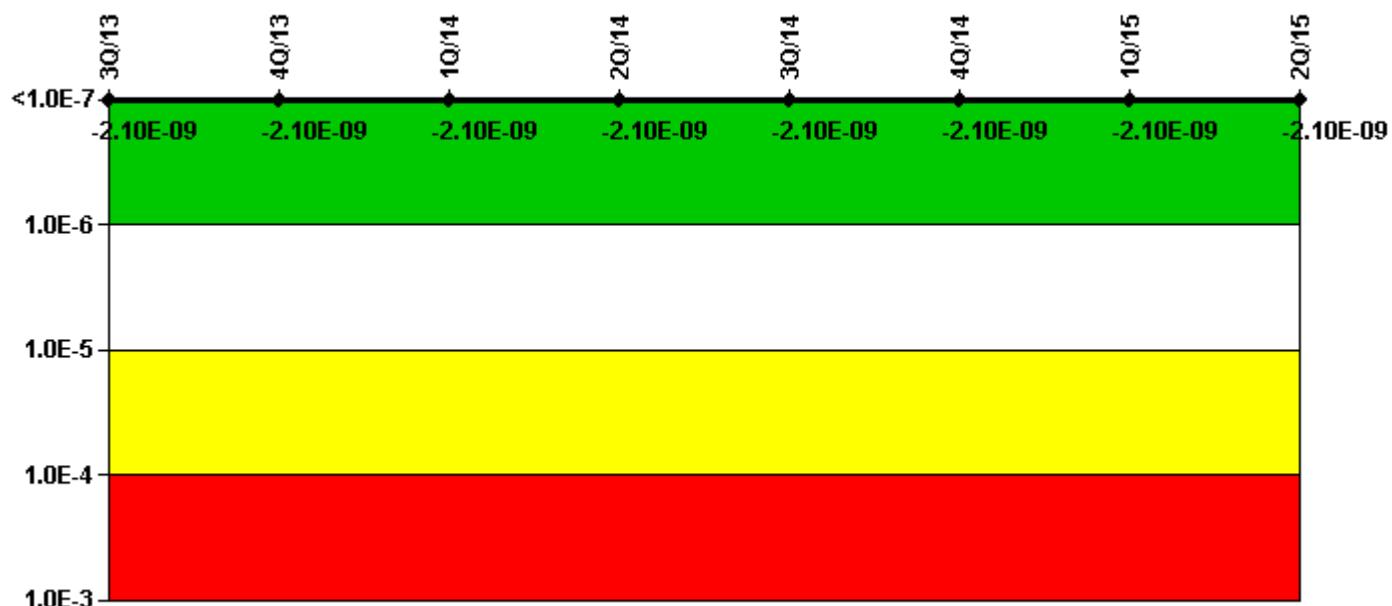
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
UAI (Δ CDF)	-1.30E-08	-9.39E-09	-9.39E-09	-9.39E-09	-9.42E-09	-1.29E-08	-1.31E-08	-5.18E-09
URI (Δ CDF)	-4.67E-08	3.92E-08	3.92E-08	3.92E-08	1.25E-07	1.25E-07	1.09E-07	2.25E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.00E-08	3.00E-08	3.00E-08	3.00E-08	1.20E-07	1.10E-07	9.50E-08	2.20E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



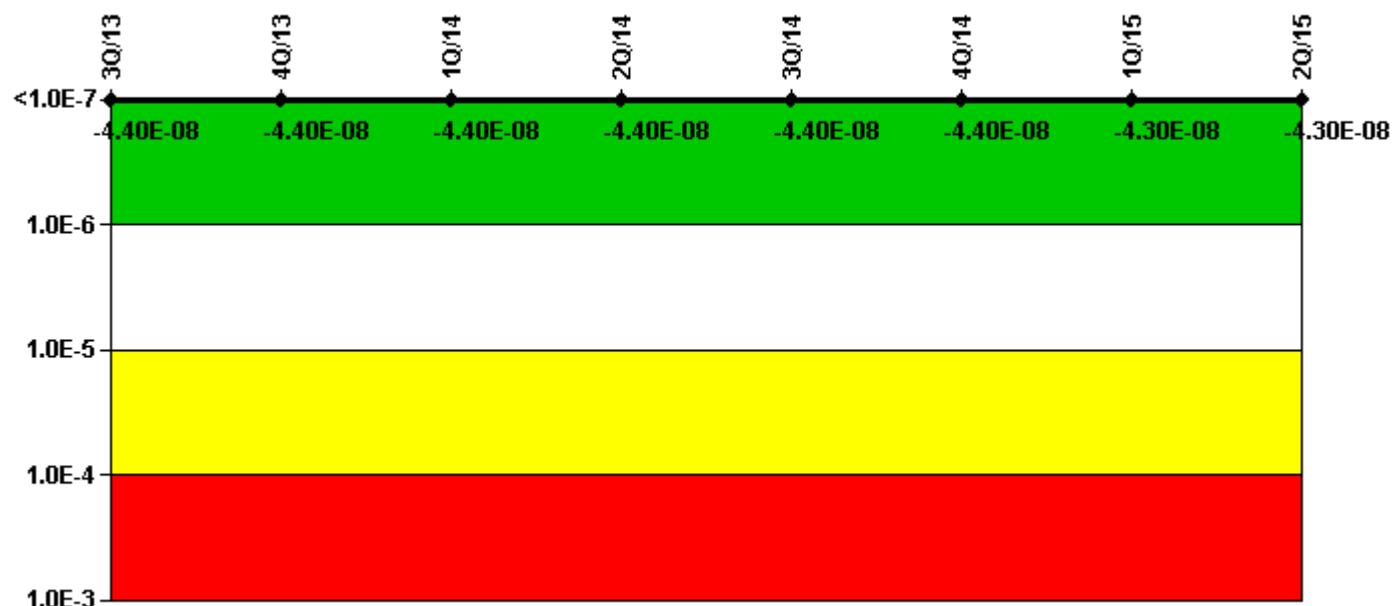
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
UAI (Δ CDF)	-1.41E-10							
URI (Δ CDF)	-1.96E-09							
PLE	NO							
Indicator value	-2.10E-09							

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



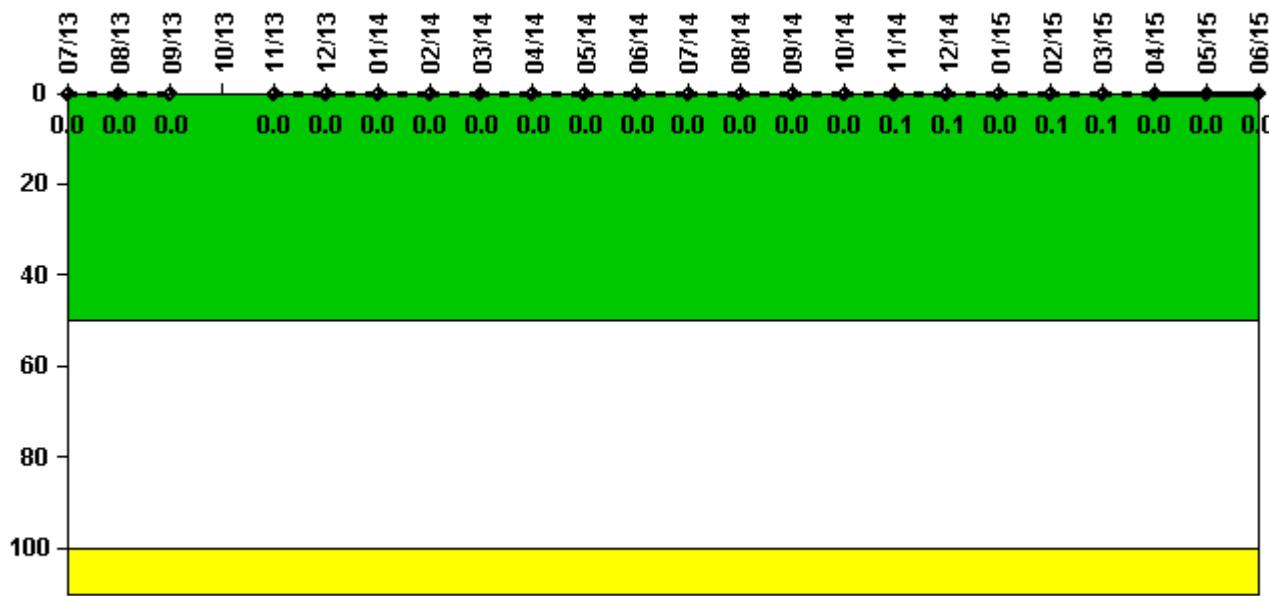
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
UAI (Δ CDF)	-3.22E-08	-3.22E-08	-3.22E-08	-3.22E-08	-3.22E-08	-3.17E-08	-3.11E-08	-3.11E-08
URI (Δ CDF)	-1.20E-08							
PLE	NO							
Indicator value	-4.40E-08	-4.40E-08	-4.40E-08	-4.40E-08	-4.40E-08	-4.40E-08	-4.30E-08	-4.30E-08

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

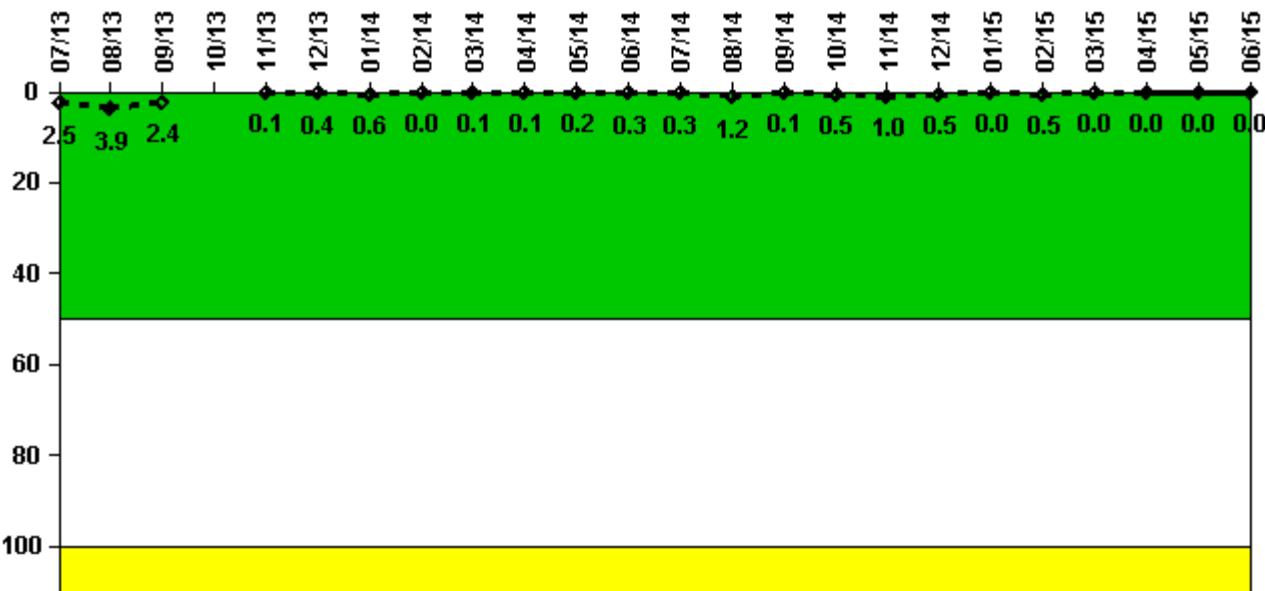
Notes

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	0.000340	0.000391	0.000409	N/A	0.000222	0.000221	0.000241	0.000280	0.000327	0.000335	0.000307	0.000306
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	N/A	0	0	0	0	0	0	0	0

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	0.000385	0.000331	0.000351	0.000451	0.000504	0.000522	0.000415	0.000500	0.001210	0.000143	0.000268	0.000274
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0.1	0.1	0	0.1	0.1	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



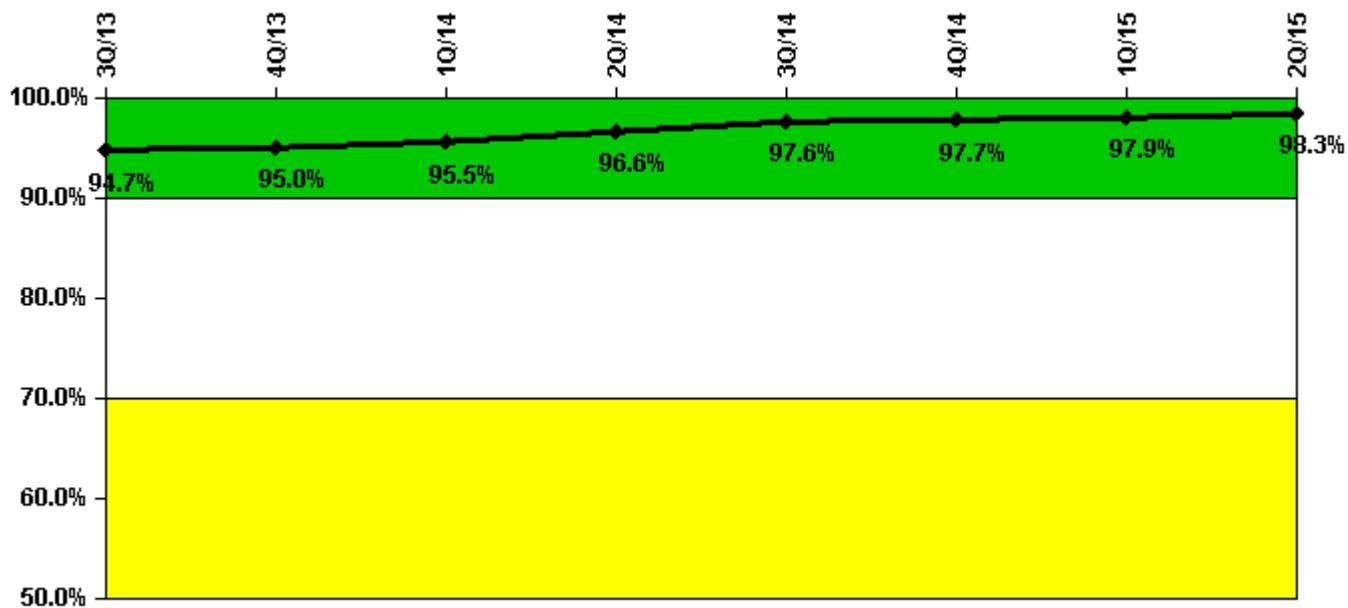
Thresholds: White > 50.0 Yellow > 100.0

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	0.249	0.389	0.240	N/A	0.010	0.042	0.063	0.003	0.010	0.011	0.015	0.029
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.5	3.9	2.4	N/A	0.1	0.4	0.6	0	0.1	0.1	0.2	0.3
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	0.030	0.117	0.014	0.045	0.095	0.053	0.001	0.052	0	0	0	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	1.2	0.1	0.5	1.0	0.5	0	0.5	0	0	0	0

Licensee Comments: none

Drill/Exercise Performance



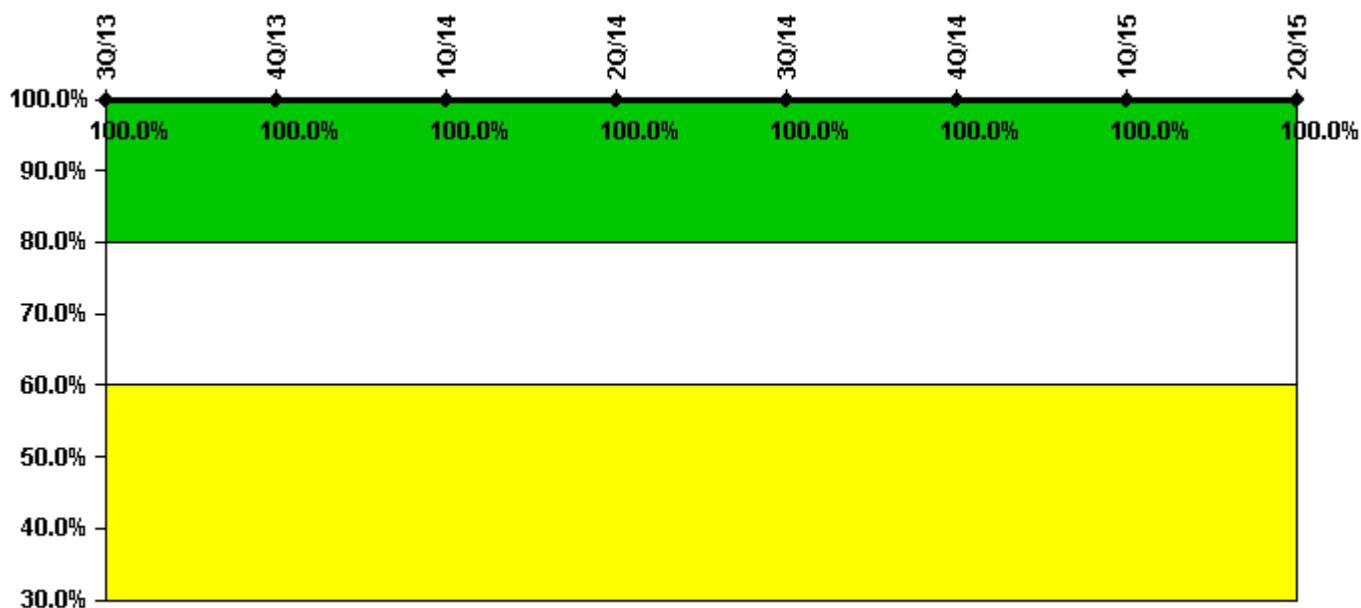
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Successful opportunities	79.0	29.0	50.0	43.0	53.0	29.0	31.0	31.0
Total opportunities	81.0	30.0	50.0	43.0	54.0	29.0	33.0	31.0
Indicator value	94.7%	95.0%	95.5%	96.6%	97.6%	97.7%	97.9%	98.3%

Licensee Comments: none

ERO Drill Participation



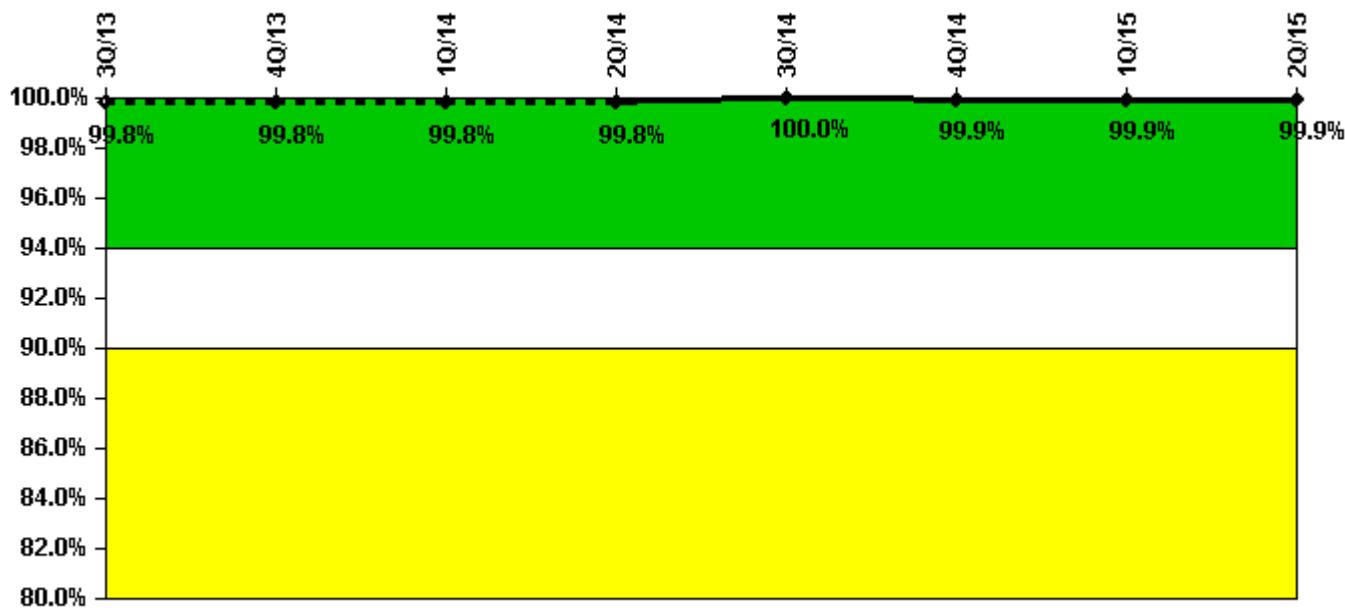
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Participating Key personnel	109.0	113.0	114.0	107.0	111.0	110.0	94.0	79.0
Total Key personnel	109.0	113.0	114.0	107.0	111.0	110.0	94.0	79.0
Indicator value	100.0%							

Licensee Comments: none

Alert & Notification System



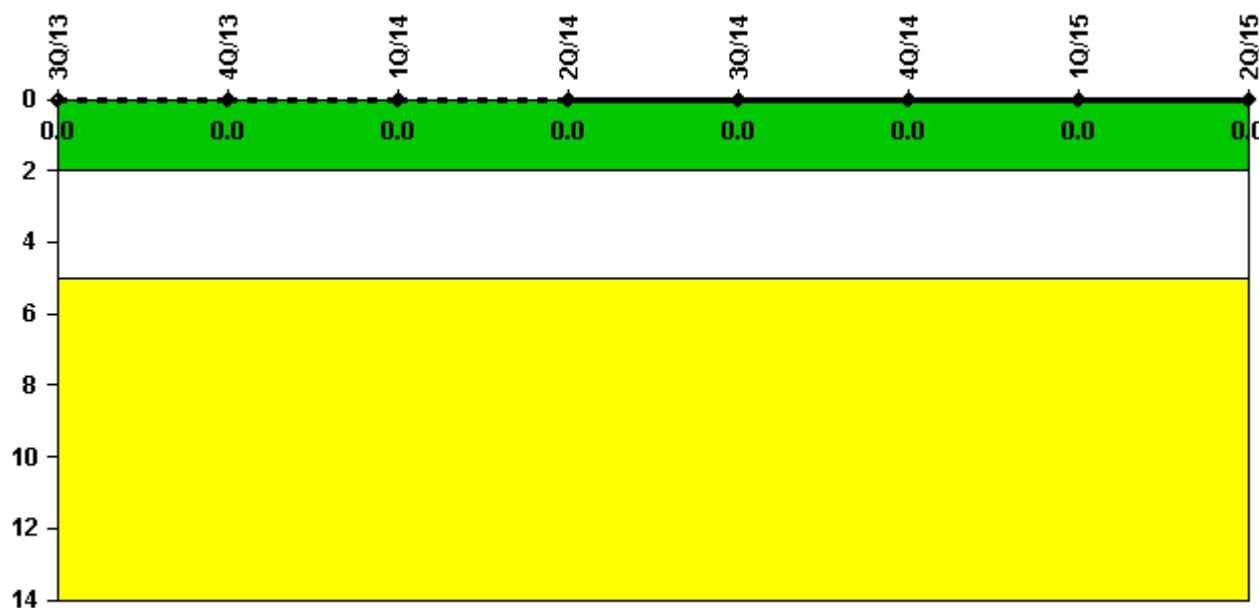
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Successful siren-tests	626	715	719	630	630	718	630	720
Total sirens-tests	630	715	720	630	630	720	630	720
Indicator value	99.8%	99.8%	99.8%	99.8%	100.0%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



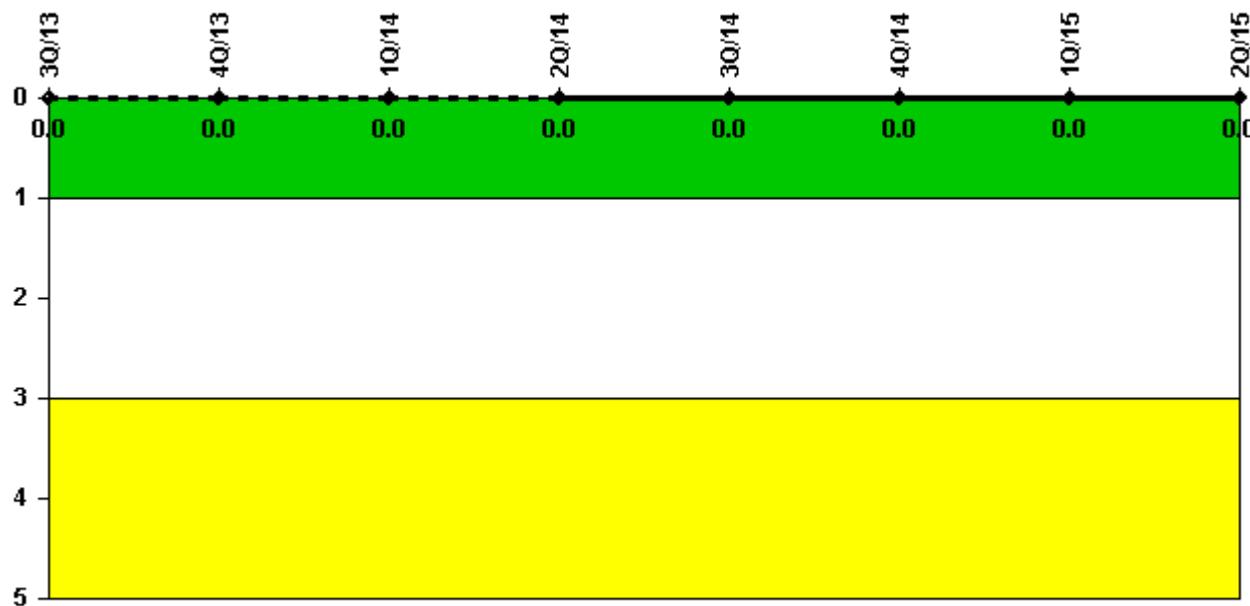
Thresholds: White > 2.0 Yellow > 5.0

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
Indicator value	0							

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

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 24, 2015

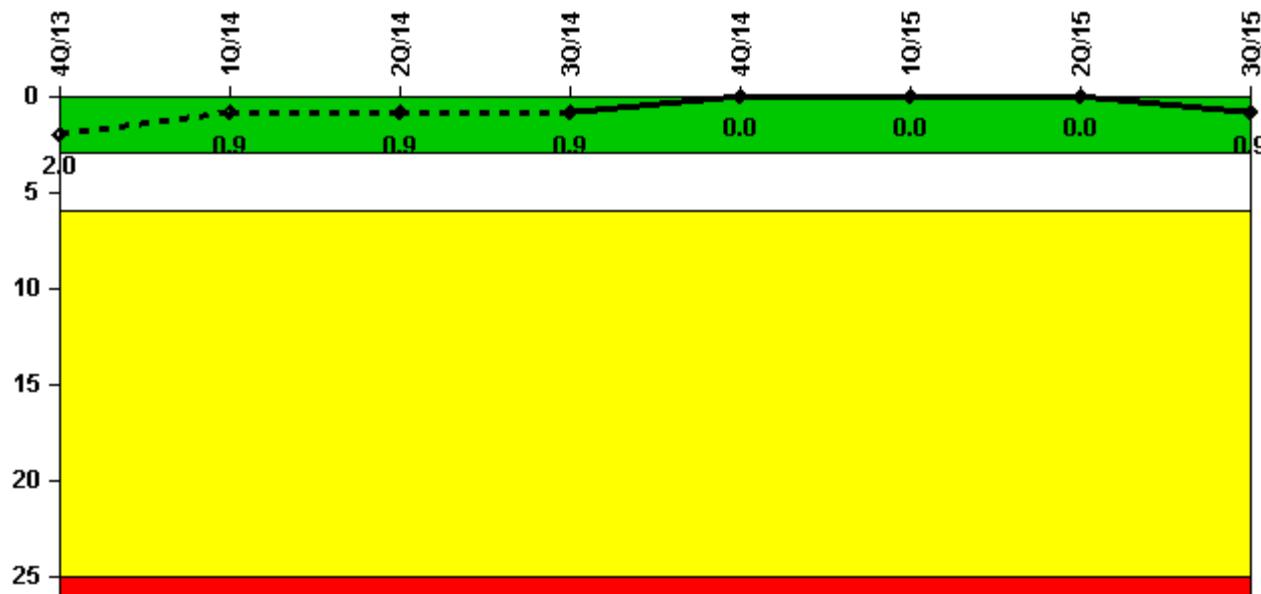
Saint Lucie 1

3Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



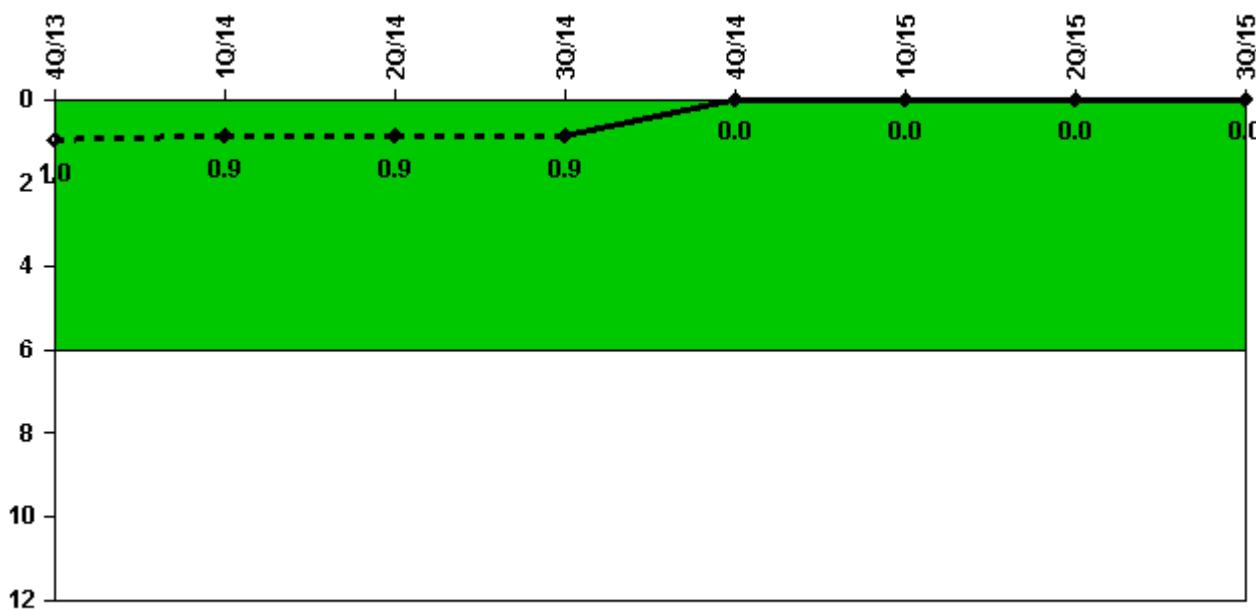
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0	0	0	0	1.0
Critical hours	1103.9	2159.0	2184.0	2208.0	2209.0	1943.0	1653.2	2160.6
Indicator value	2.0	0.9	0.9	0.9	0	0	0	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

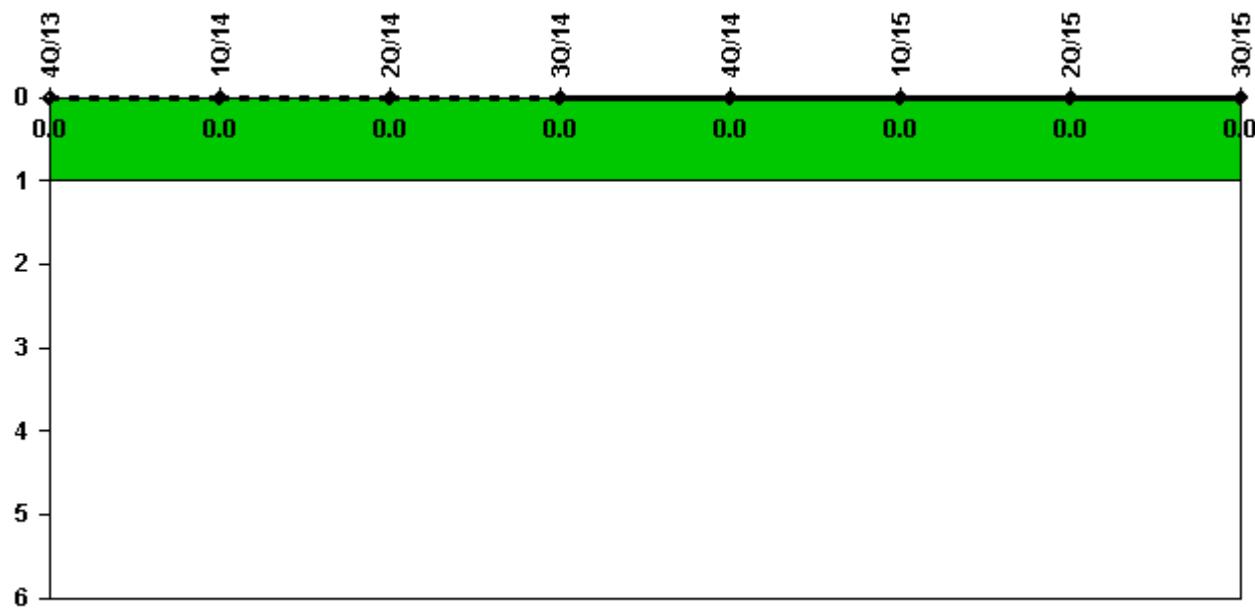
Notes

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	1.0	0	0	0	0	0	0	0
Critical hours	1103.9	2159.0	2184.0	2208.0	2209.0	1943.0	1653.2	2160.6
Indicator value	1.0	0.9	0.9	0.9	0	0	0	0

Licensee Comments:

1Q/14: Subsequent analysis of the February 2014 1A EDG failure determined that there was no MSPI failure associated with the event. The failure record was corrected to reflect no MSPI failure.

Unplanned Scrams with Complications



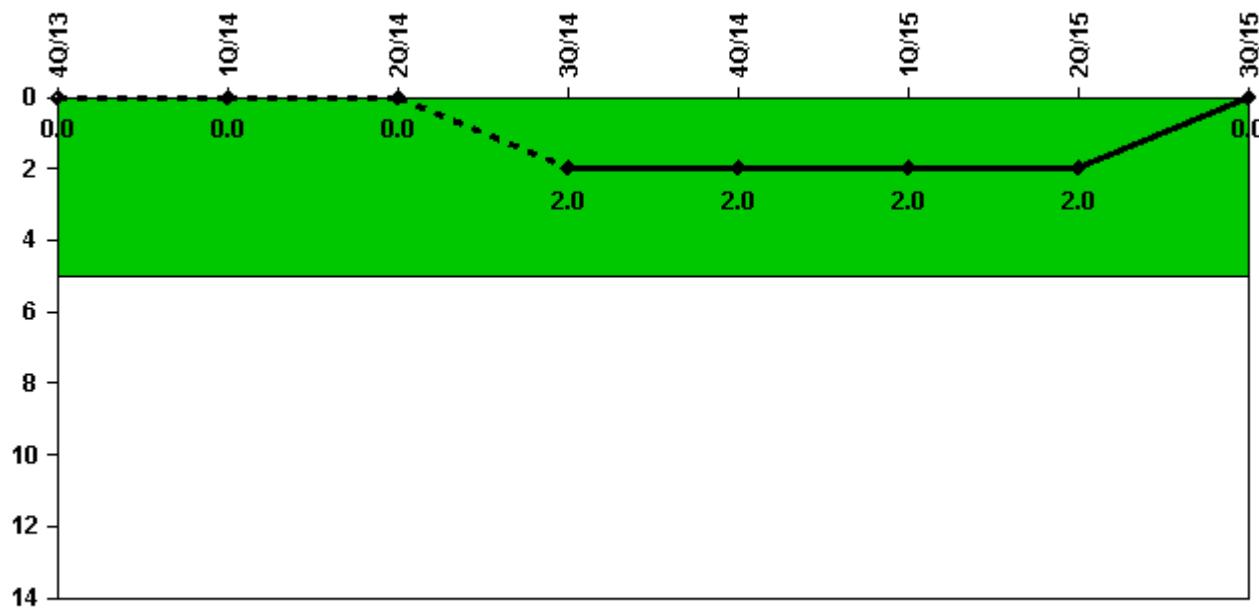
Thresholds: White > 1.0

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
Indicator value	0.0							

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

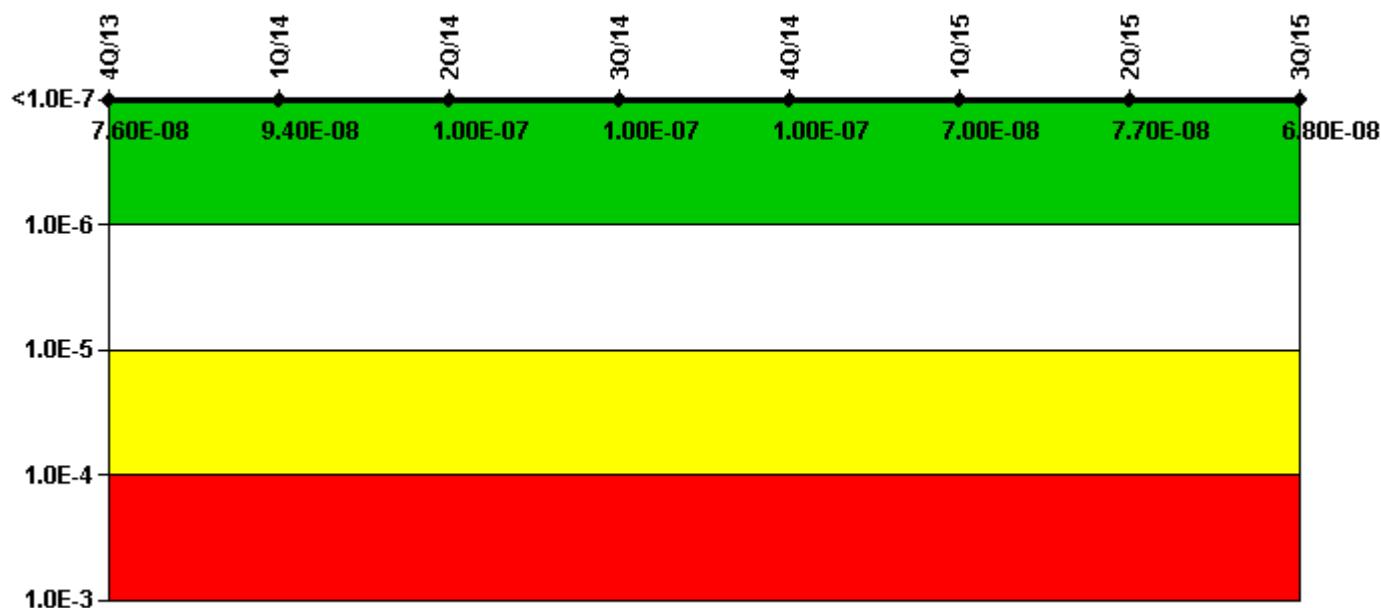
Notes

Safety System Functional Failures (PWR)	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Safety System Functional Failures	0	0	0	2	0	0	0	0
Indicator value	0	0	0	2	2	2	2	0

Licensee Comments:

3Q/14: Unit 1 LER 50-335/2014-001-02, Unit 1 and 2 LER 50-335,389/2012-010-02

Mitigating Systems Performance Index, Emergency AC Power System



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

Notes

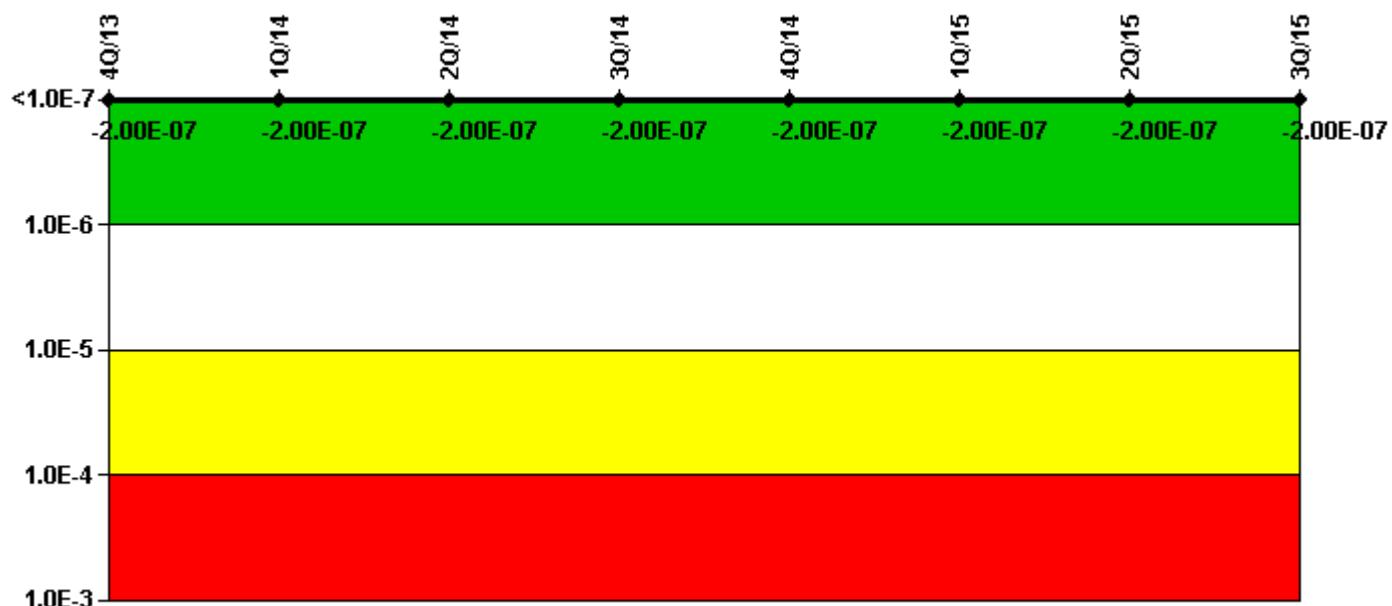
Mitigating Systems Performance Index, Emergency AC Power System	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
UAI (Δ CDF)	2.50E-08	4.20E-08	5.06E-08	5.02E-08	4.76E-08	5.27E-08	5.26E-08	4.36E-08
URI (Δ CDF)	5.11E-08	5.15E-08	5.20E-08	5.24E-08	5.29E-08	1.70E-08	2.40E-08	2.40E-08
PLE	NO							
Indicator value	7.60E-08	9.40E-08	1.00E-07	1.00E-07	1.00E-07	7.00E-08	7.70E-08	6.80E-08

Licensee Comments:

1Q/14: Subsequent analysis of the February 2014 1A EDG failure determined that there was no MSPI failure associated with the event. The failure record was corrected to reflect no MSPI failure.

4Q/13: Additional 1A EDG demand start added during 4Q/2014 submittal causing recalculation for all subsequent quarters.

Mitigating Systems Performance Index, High Pressure Injection System



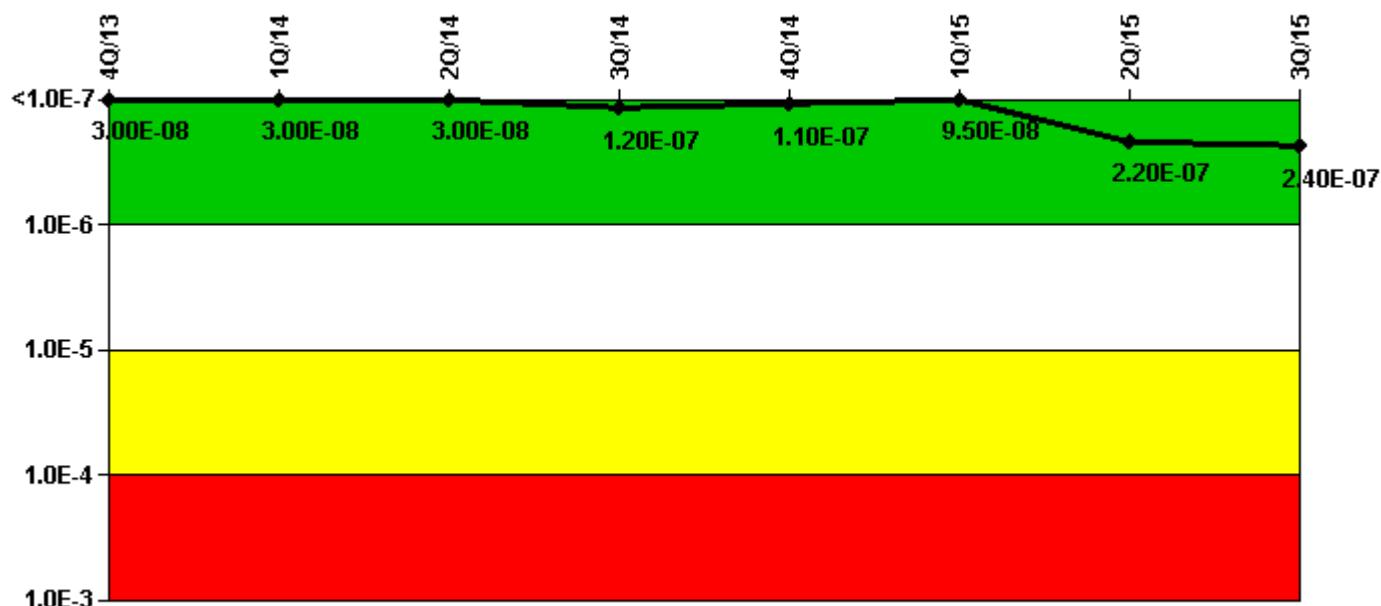
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (Δ CDF)	-3.36E-08							
URI (Δ CDF)	-1.63E-07							
PLE	NO							
Indicator value	-2.00E-07							

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



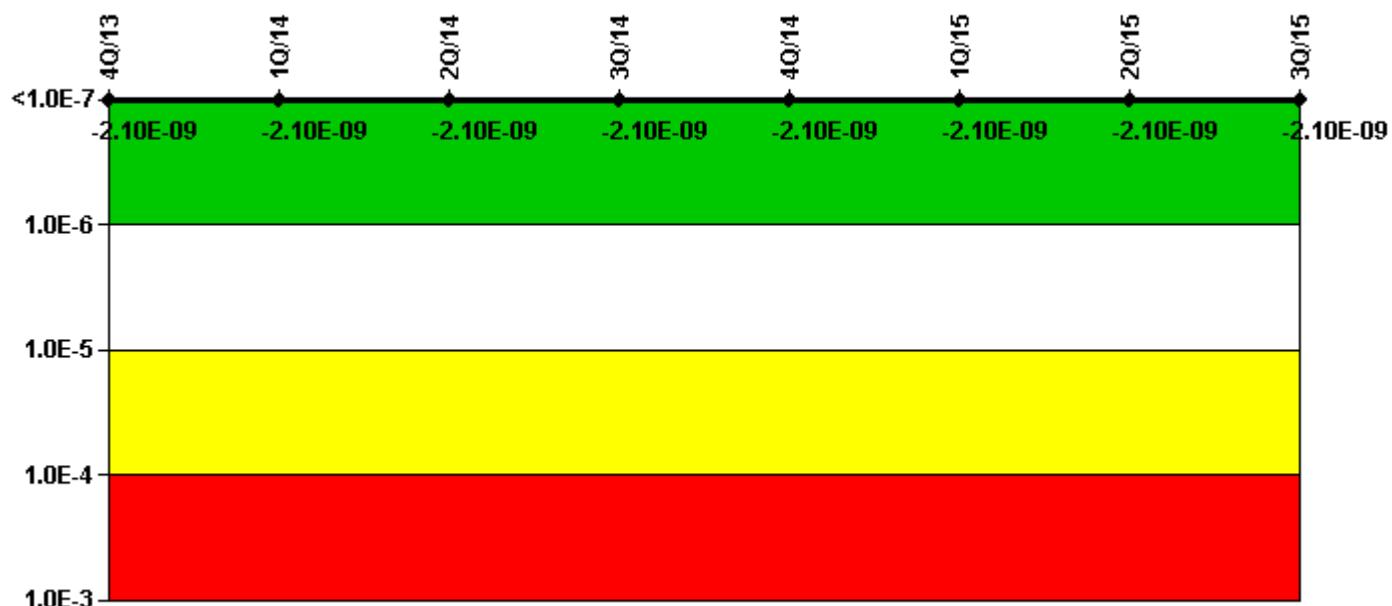
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
UAI (Δ CDF)	-9.39E-09	-9.39E-09	-9.39E-09	-9.42E-09	-1.29E-08	-1.31E-08	-5.18E-09	1.11E-08
URI (Δ CDF)	3.92E-08	3.92E-08	3.92E-08	1.25E-07	1.25E-07	1.09E-07	2.25E-07	2.25E-07
PLE	NO							
Indicator value	3.00E-08	3.00E-08	3.00E-08	1.20E-07	1.10E-07	9.50E-08	2.20E-07	2.40E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



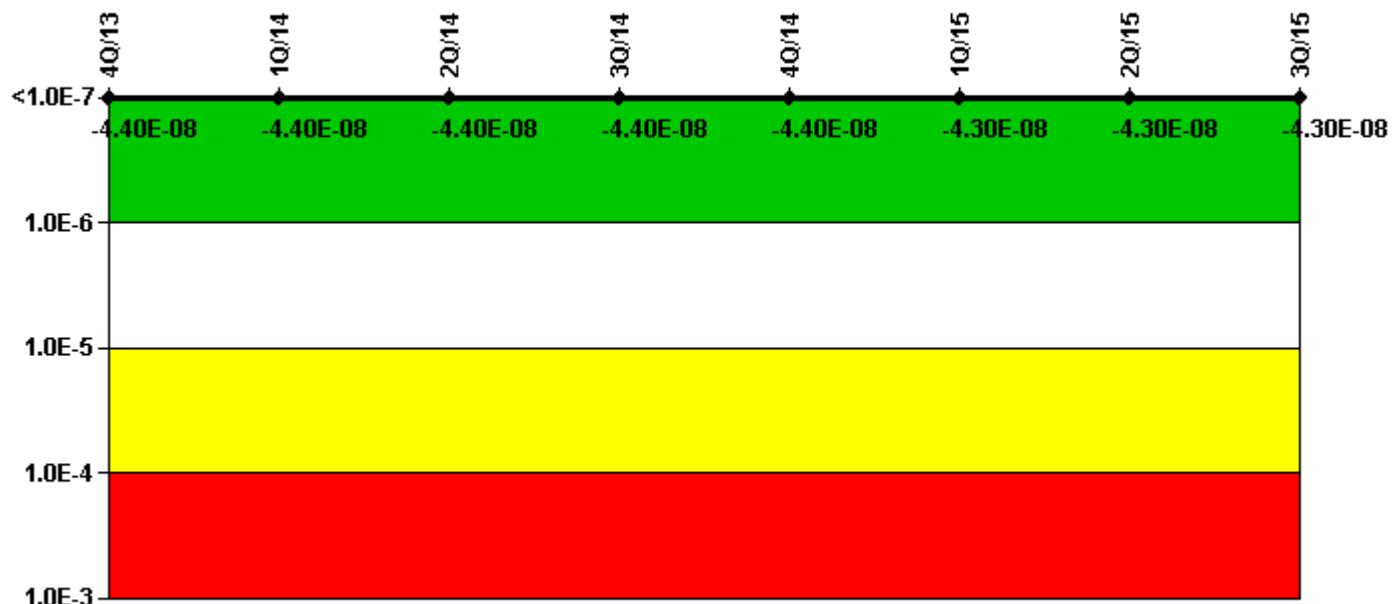
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
UAI (Δ CDF)	-1.41E-10							
URI (Δ CDF)	-1.96E-09							
PLE	NO							
Indicator value	-2.10E-09							

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



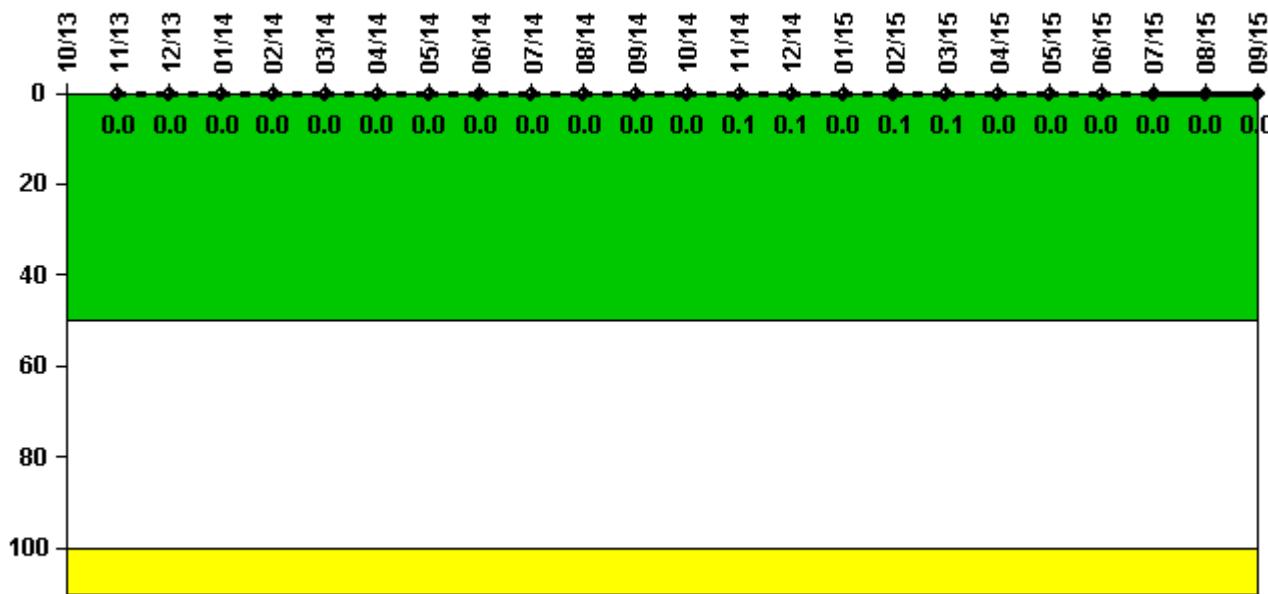
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
UAI (Δ CDF)	-3.22E-08	-3.22E-08	-3.22E-08	-3.22E-08	-3.17E-08	-3.11E-08	-3.11E-08	-3.11E-08
URI (Δ CDF)	-1.20E-08							
PLE	NO							
Indicator value	-4.40E-08	-4.40E-08	-4.40E-08	-4.40E-08	-4.40E-08	-4.30E-08	-4.30E-08	-4.30E-08

Licensee Comments: none

Reactor Coolant System Activity



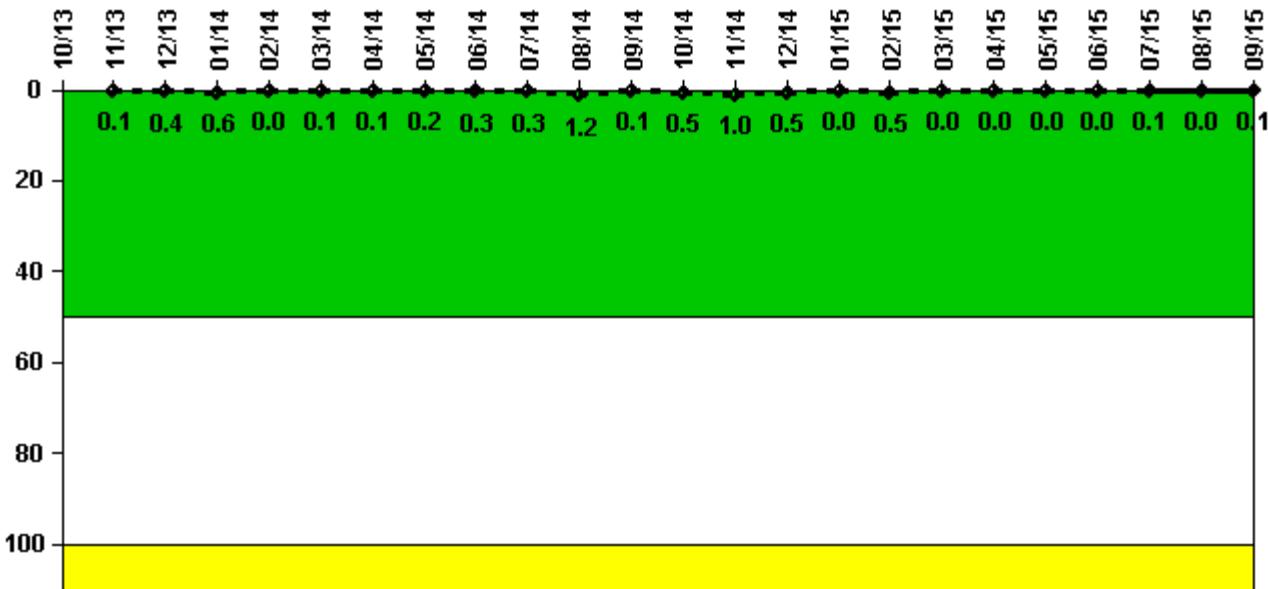
Thresholds: White > 50.0 Yellow > 100.0

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	N/A	0.000222	0.000221	0.000241	0.000280	0.000327	0.000335	0.000307	0.000306	0.000385	0.000331	0.000351
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	N/A	0	0	0	0	0	0	0	0	0	0	0
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	0.000451	0.000504	0.000522	0.000415	0.000500	0.001210	0.000143	0.000268	0.000274	0.000286	0.000257	0.000342
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0.1	0.1	0	0.1	0.1	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

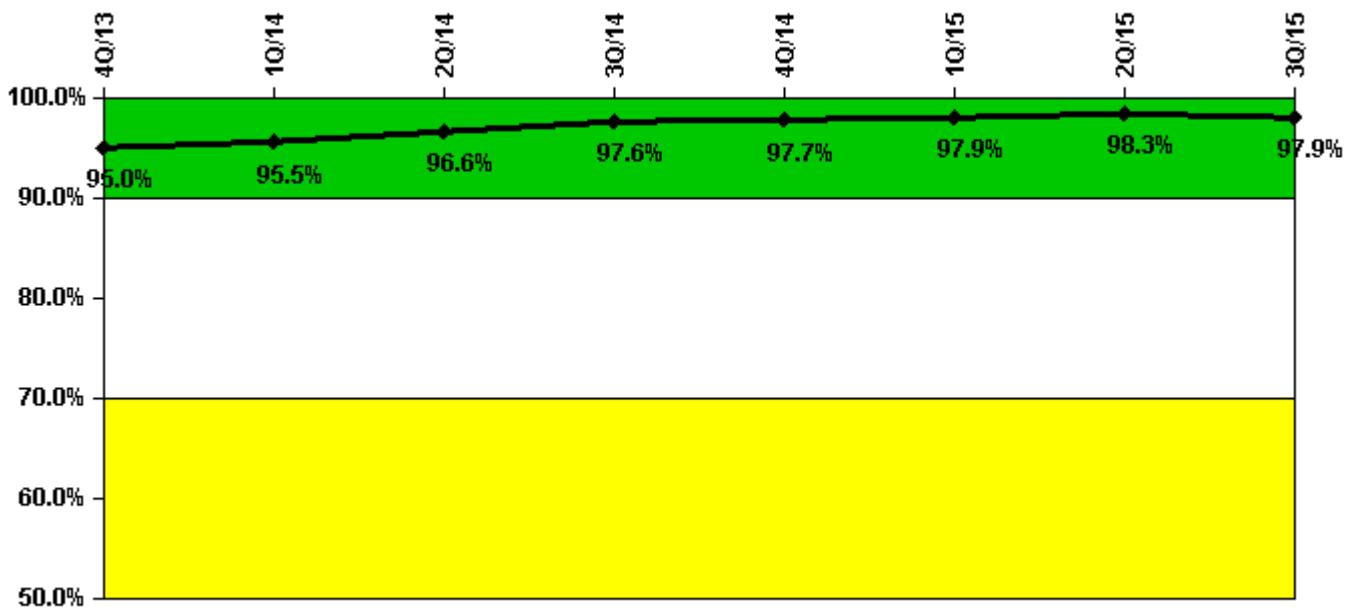
Notes

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	N/A	0.010	0.042	0.063	0.003	0.010	0.011	0.015	0.029	0.030	0.117	0.014
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	N/A	0.1	0.4	0.6	0	0.1	0.1	0.2	0.3	0.3	1.2	0.1

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	0.045	0.095	0.053	0.001	0.052	0	0	0	0	0.009	0.002	0.013
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	1.0	0.5	0	0.5	0	0	0	0	0.1	0	0.1

Licensee Comments: none

Drill/Exercise Performance



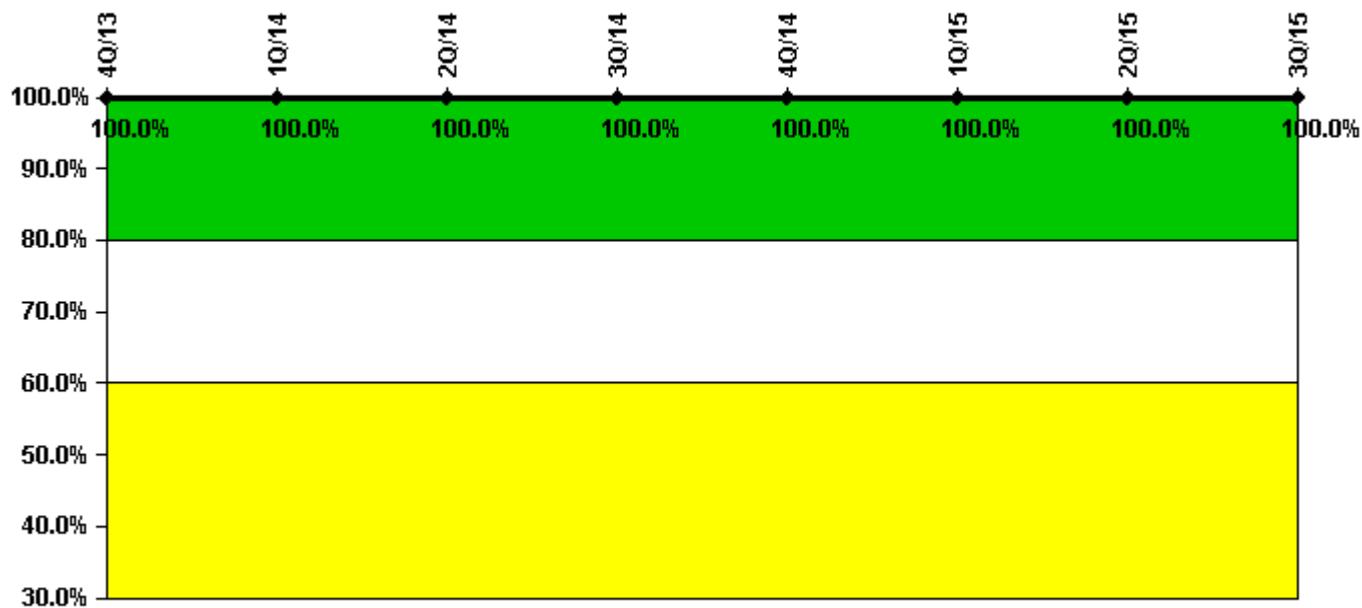
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Successful opportunities	29.0	50.0	43.0	53.0	29.0	31.0	31.0	20.0
Total opportunities	30.0	50.0	43.0	54.0	29.0	33.0	31.0	22.0
Indicator value	95.0%	95.5%	96.6%	97.6%	97.7%	97.9%	98.3%	97.9%

Licensee Comments: none

ERO Drill Participation



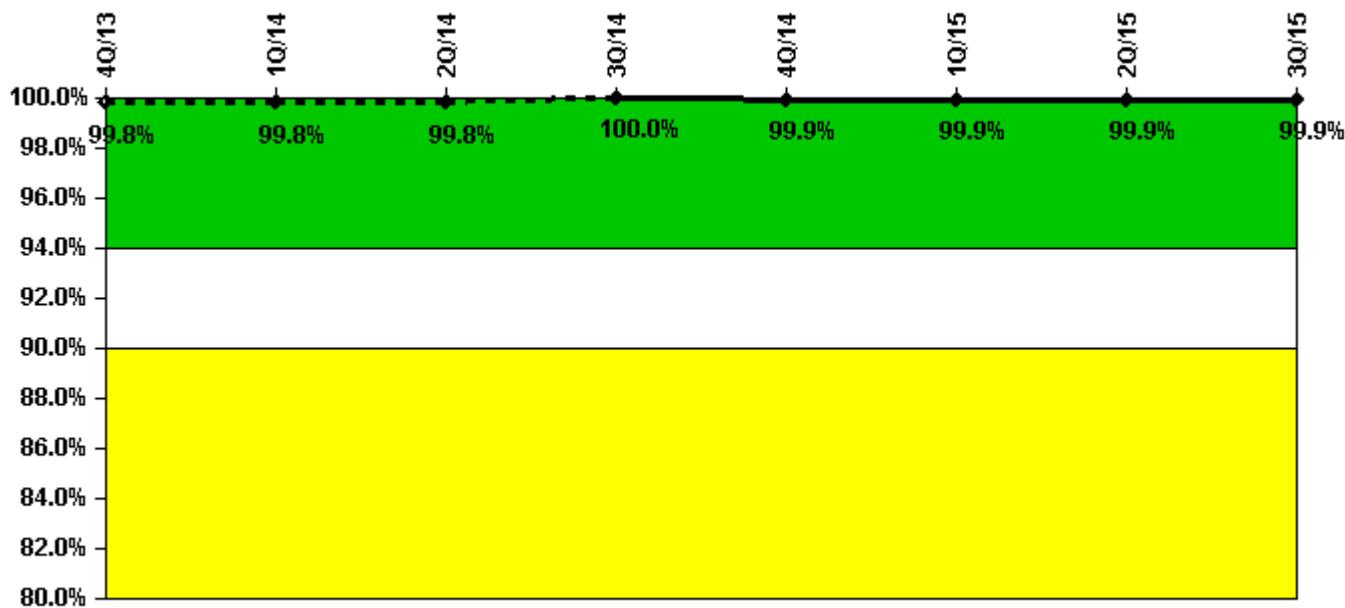
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Participating Key personnel	113.0	114.0	107.0	111.0	110.0	94.0	79.0	76.0
Total Key personnel	113.0	114.0	107.0	111.0	110.0	94.0	79.0	76.0
Indicator value	100.0%							

Licensee Comments: none

Alert & Notification System



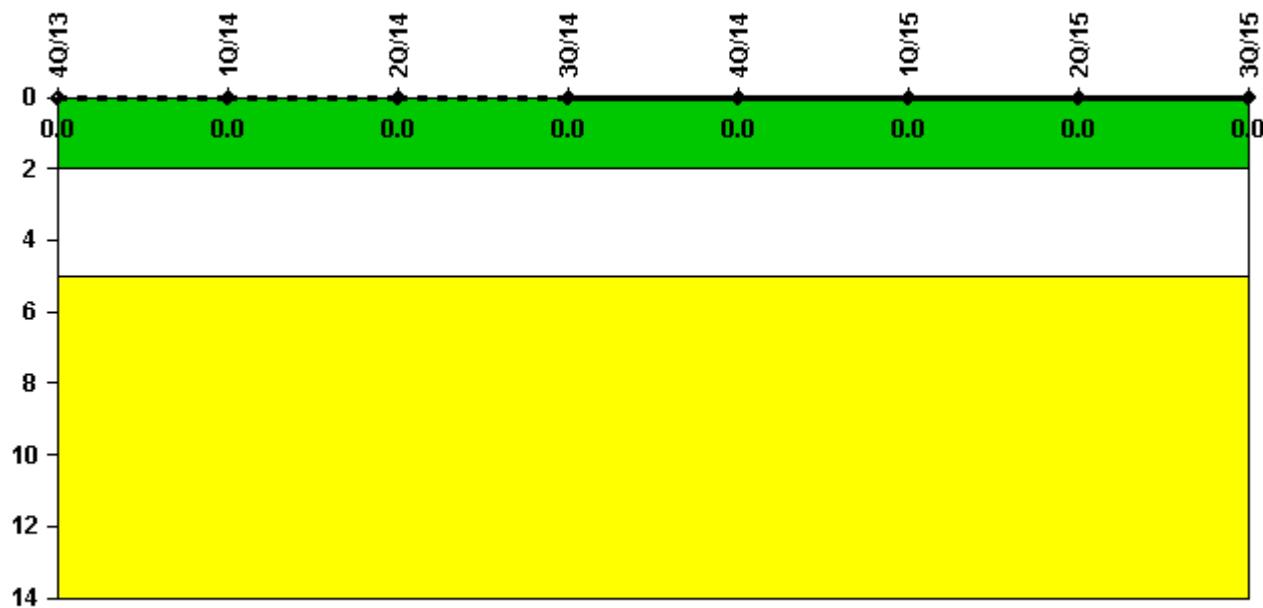
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Successful siren-tests	715	719	630	630	718	630	720	719
Total sirens-tests	715	720	630	630	720	630	720	720
Indicator value	99.8%	99.8%	99.8%	100.0%	99.9%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



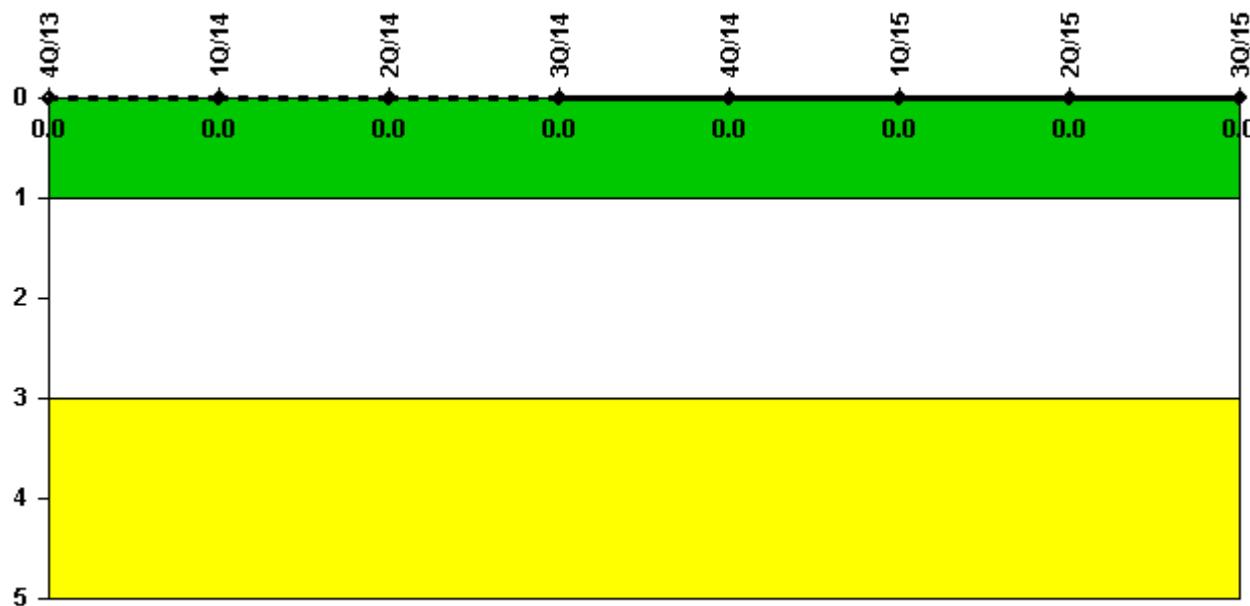
Thresholds: White > 2.0 Yellow > 5.0

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
Indicator value	0							

Licensee Comments: none

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

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

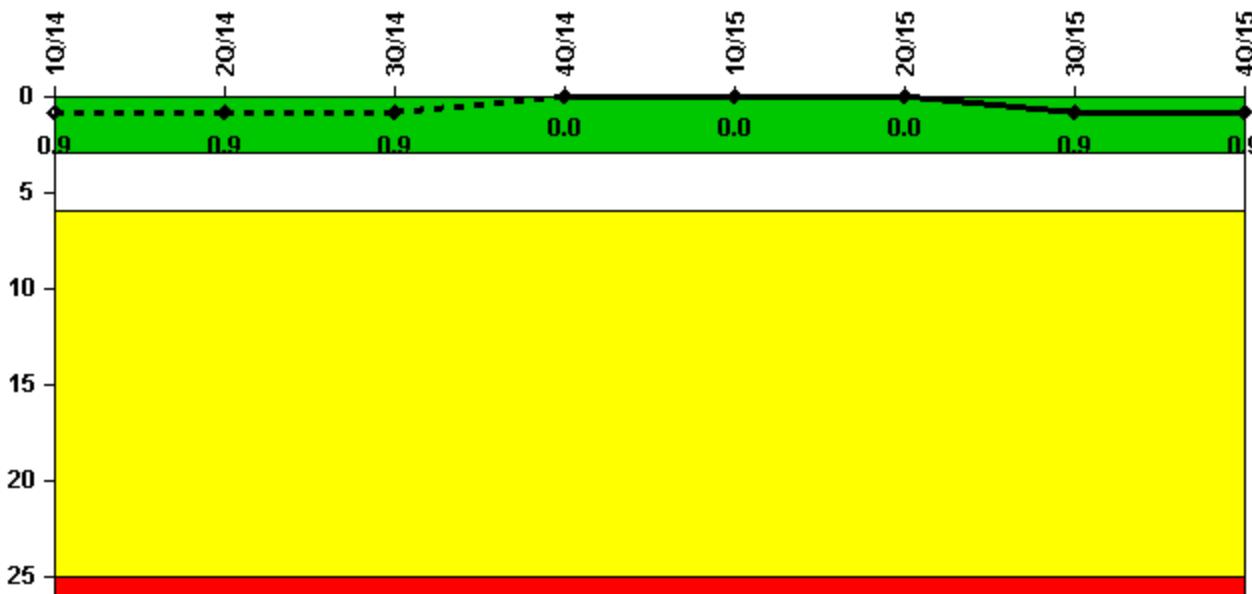
Saint Lucie 1

4Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



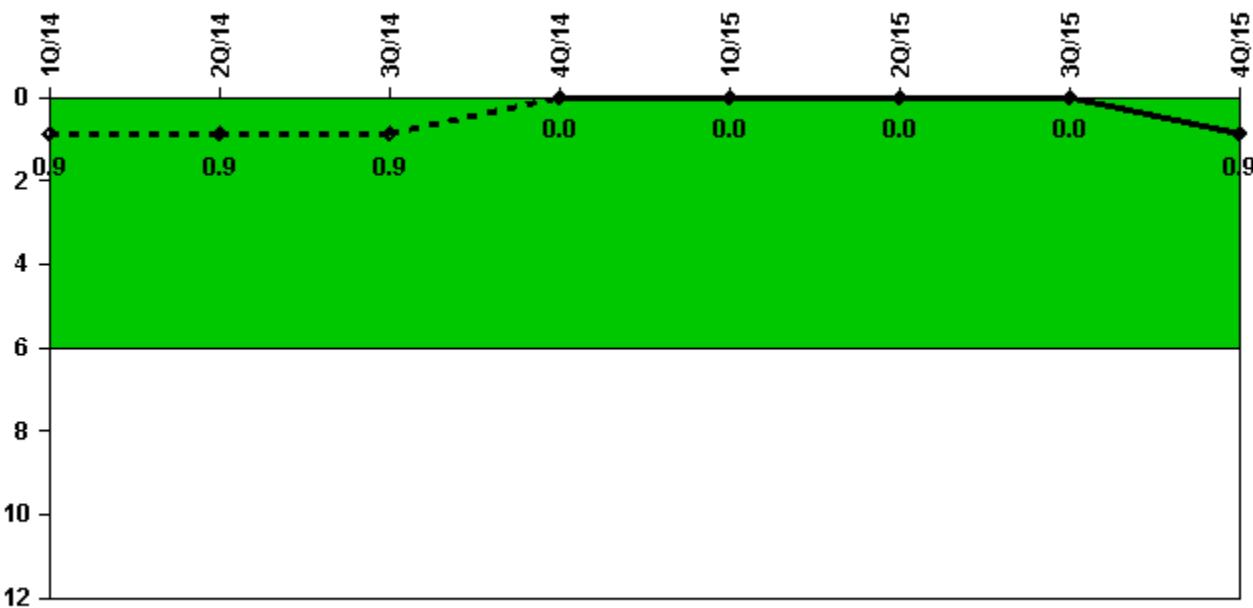
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0
Critical hours	2159.0	2184.0	2208.0	2209.0	1943.0	1653.2	2160.6	2209.0
Indicator value	0.9	0.9	0.9	0	0	0	0.9	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

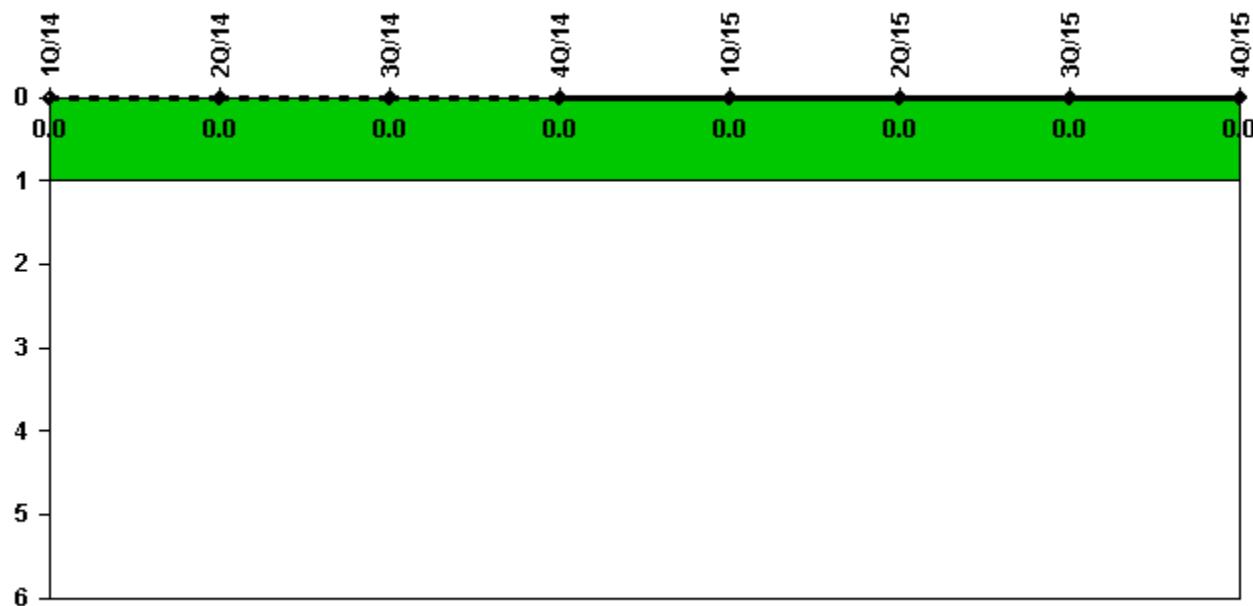
Notes

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	1.0
Critical hours	2159.0	2184.0	2208.0	2209.0	1943.0	1653.2	2160.6	2209.0
Indicator value	0.9	0.9	0.9	0	0	0	0	0.9

Licensee Comments:

1Q/14: Subsequent analysis of the February 2014 1A EDG failure determined that there was no MSPI failure associated with the event. The failure record was corrected to reflect no MSPI failure.

Unplanned Scrams with Complications



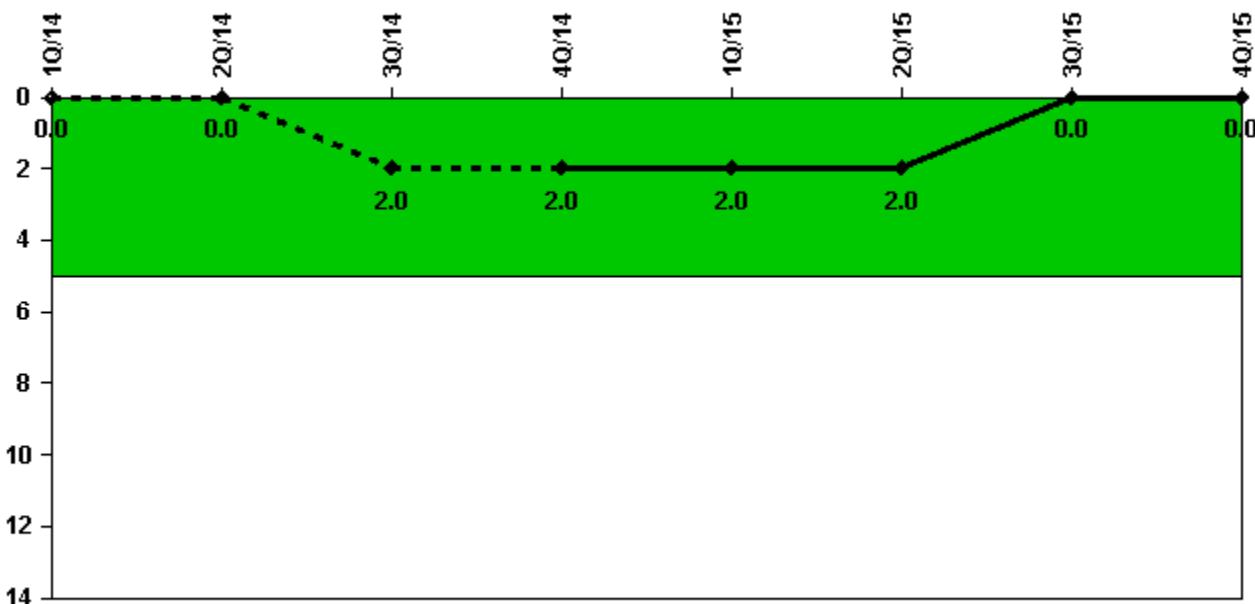
Thresholds: White > 1.0

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
Indicator value	0.0							

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

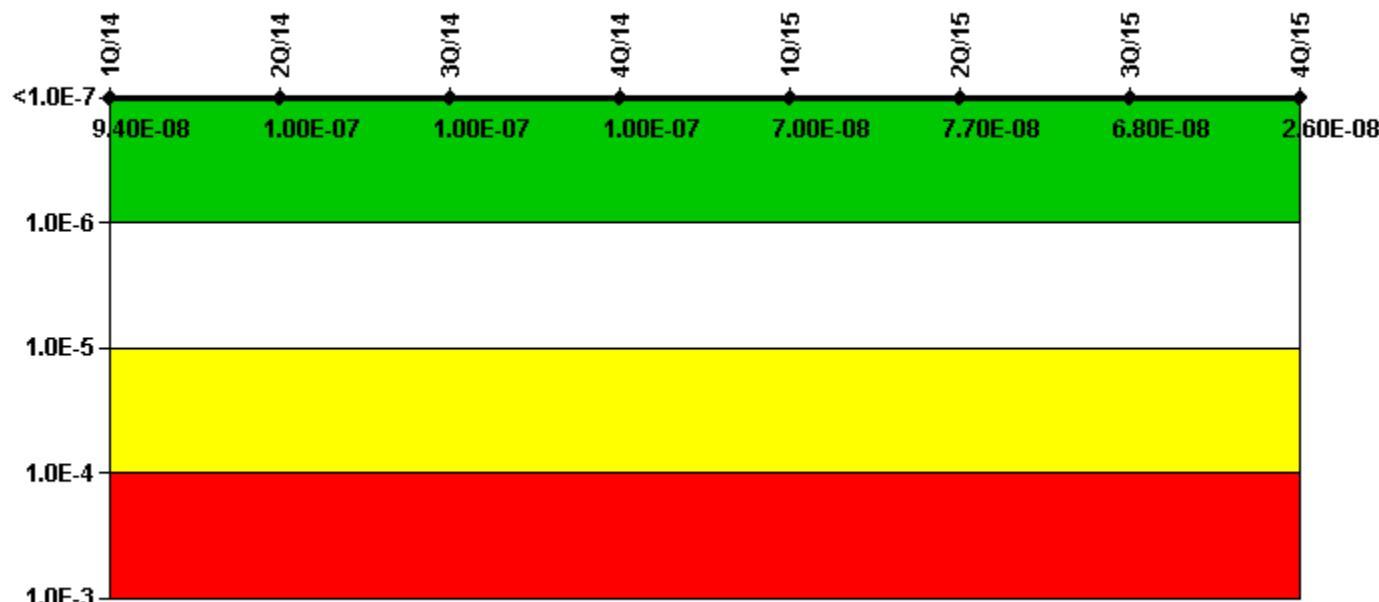
Notes

Safety System Functional Failures (PWR)	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Safety System Functional Failures	0	0	2	0	0	0	0	0
Indicator value	0	0	2	2	2	2	0	0

Licensee Comments:

3Q/14: Unit 1 LER 50-335/2014-001-02, Unit 1 and 2 LER 50-335,389/2012-010-02

Mitigating Systems Performance Index, Emergency AC Power System



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

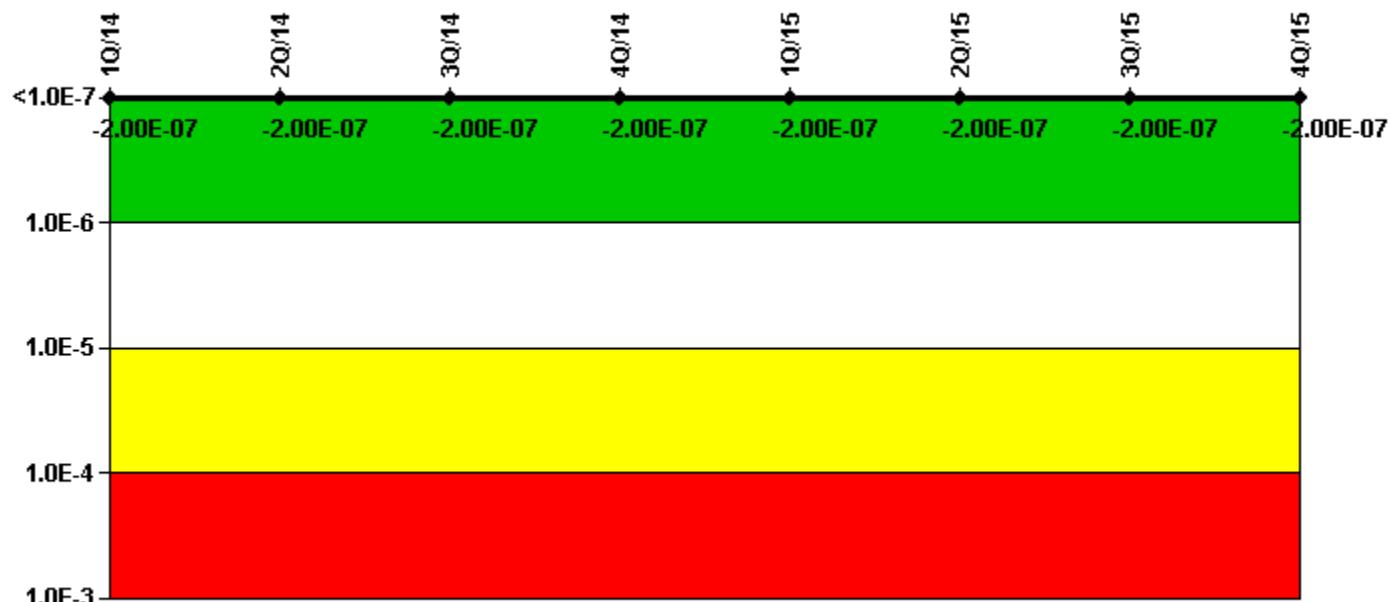
Notes

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 (Δ CDF)	4.20E-08	5.06E-08	5.02E-08	4.76E-08	5.27E-08	5.26E-08	4.36E-08	3.80E-08
URI (Δ CDF)	5.15E-08	5.20E-08	5.24E-08	5.29E-08	1.70E-08	2.40E-08	2.40E-08	-1.19E-08
PLE	NO							
Indicator value	9.40E-08	1.00E-07	1.00E-07	1.00E-07	7.00E-08	7.70E-08	6.80E-08	2.60E-08

Licensee Comments:

1Q/14: Subsequent analysis of the February 2014 1A EDG failure determined that there was no MSPI failure associated with the event. The failure record was corrected to reflect no MSPI failure.

Mitigating Systems Performance Index, High Pressure Injection System



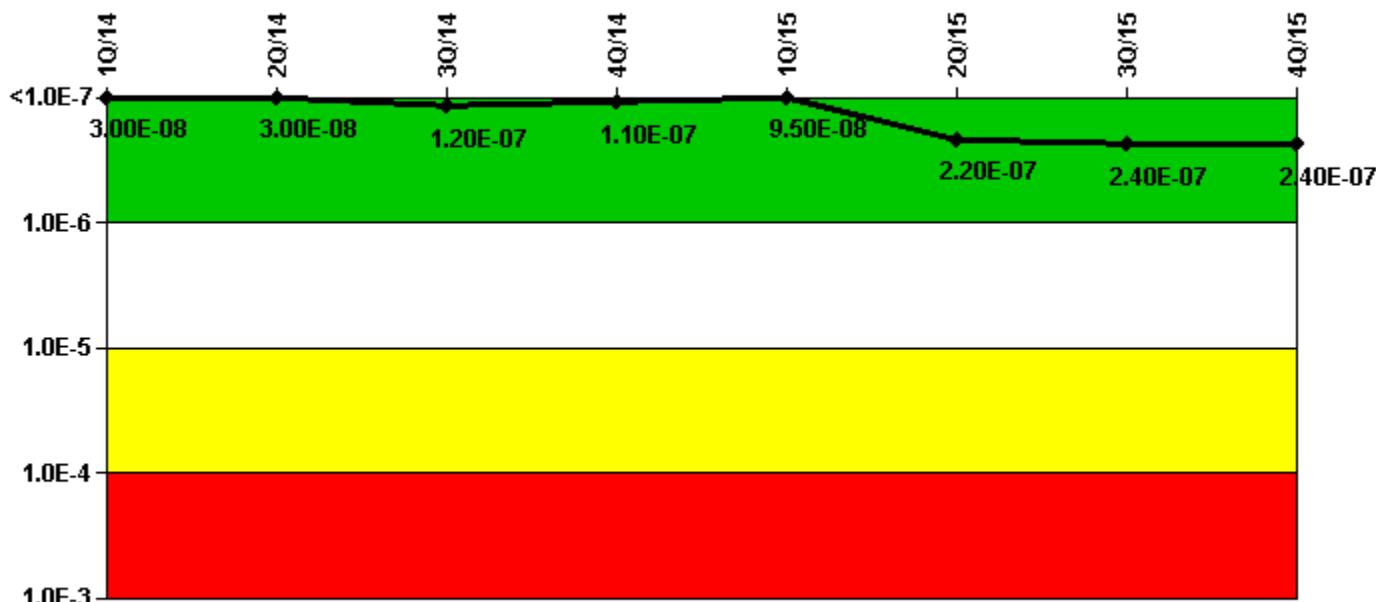
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (Δ CDF)	-3.36E-08							
URI (Δ CDF)	-1.63E-07							
PLE	NO							
Indicator value	-2.00E-07							

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



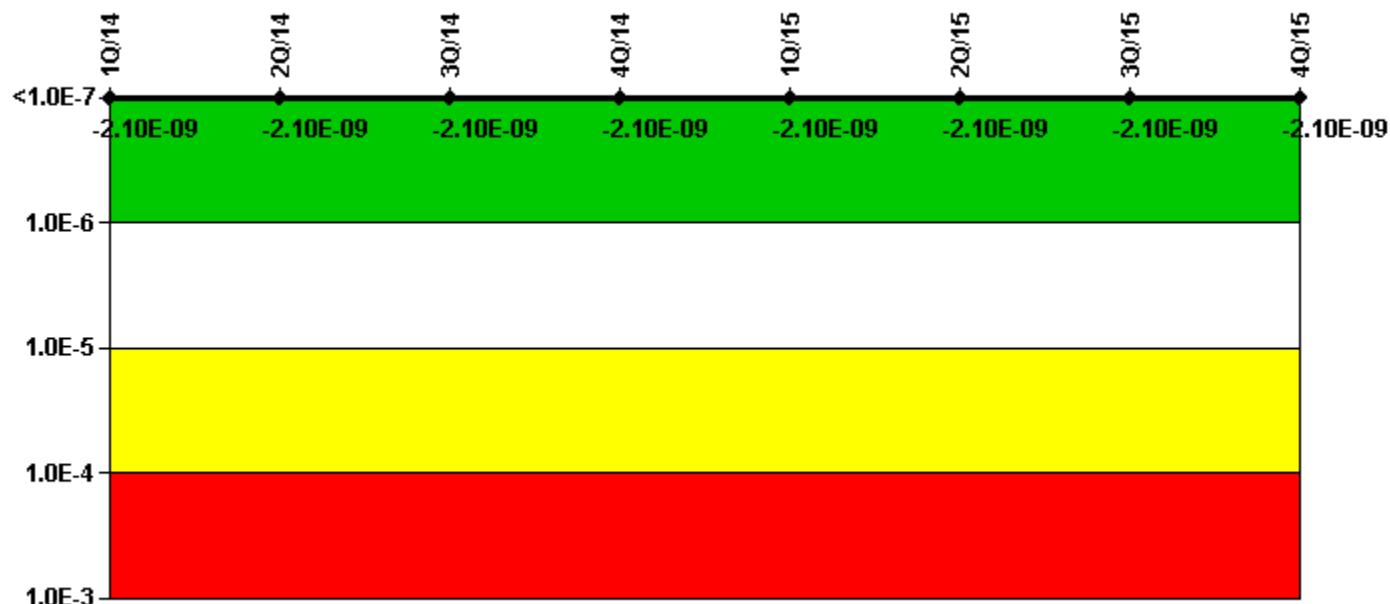
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
UAI (Δ CDF)	-9.39E-09	-9.39E-09	-9.42E-09	-1.29E-08	-1.31E-08	-5.18E-09	1.11E-08	1.08E-08
URI (Δ CDF)	3.92E-08	3.92E-08	1.25E-07	1.25E-07	1.09E-07	2.25E-07	2.25E-07	2.25E-07
PLE	NO							
Indicator value	3.00E-08	3.00E-08	1.20E-07	1.10E-07	9.50E-08	2.20E-07	2.40E-07	2.40E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



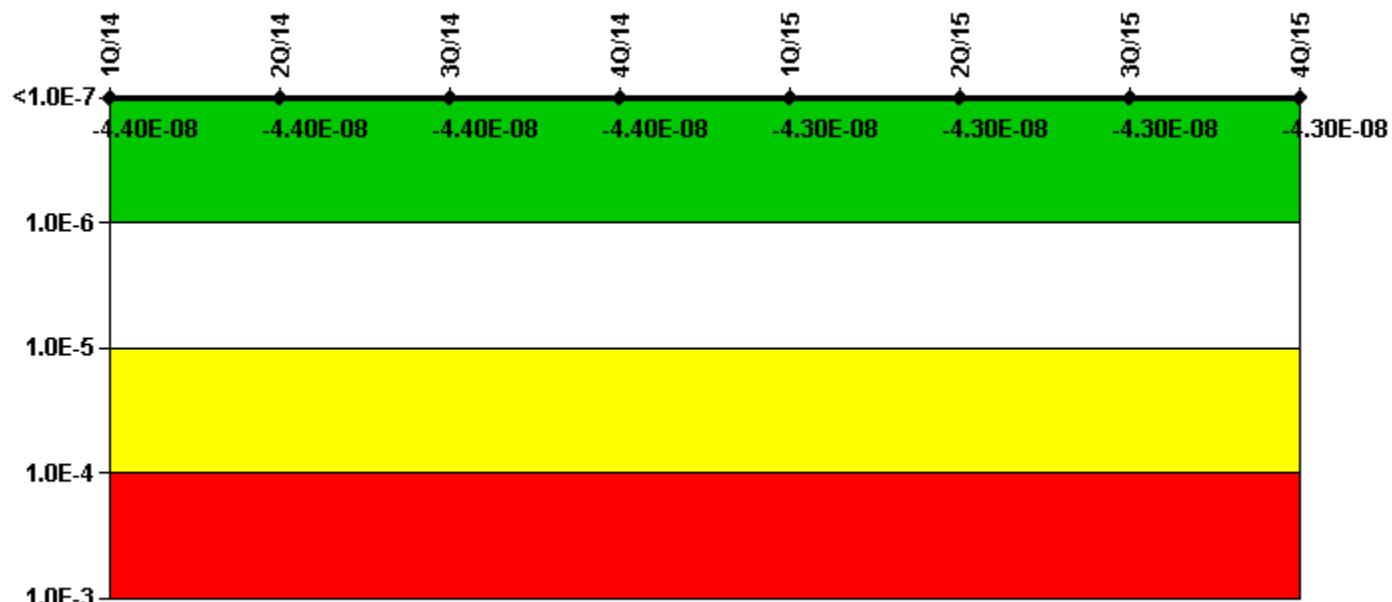
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
UAI (Δ CDF)	-1.41E-10							
URI (Δ CDF)	-1.96E-09							
PLE	NO							
Indicator value	-2.10E-09							

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



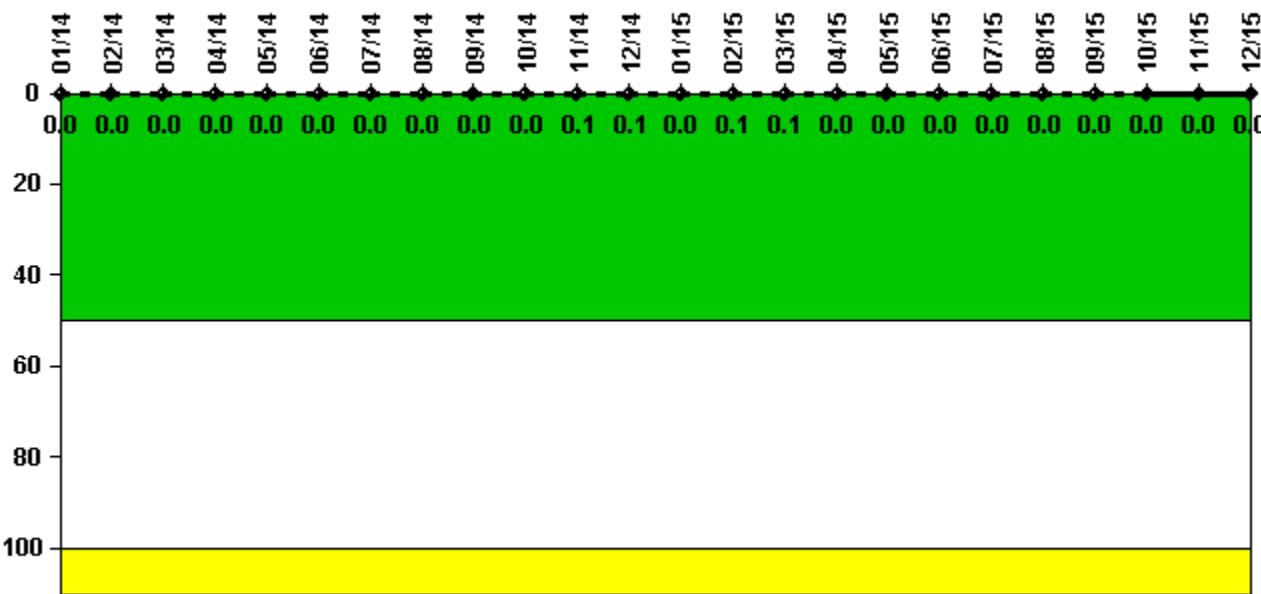
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
UAI (Δ CDF)	-3.22E-08	-3.22E-08	-3.22E-08	-3.17E-08	-3.11E-08	-3.11E-08	-3.11E-08	-3.11E-08
URI (Δ CDF)	-1.20E-08							
PLE	NO							
Indicator value	-4.40E-08	-4.40E-08	-4.40E-08	-4.40E-08	-4.30E-08	-4.30E-08	-4.30E-08	-4.30E-08

Licensee Comments: none

Reactor Coolant System Activity



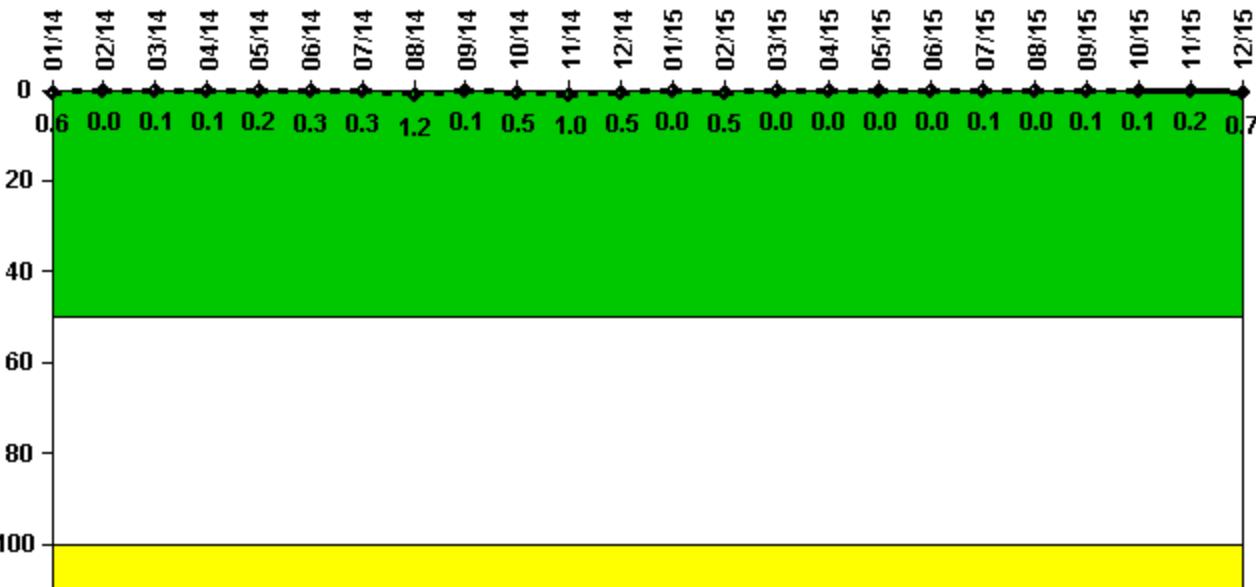
Thresholds: White > 50.0 Yellow > 100.0

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	0.000241	0.000280	0.000327	0.000335	0.000307	0.000306	0.000385	0.000331	0.000351	0.000451	0.000504	0.000522
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	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	0.000415	0.000500	0.001210	0.000143	0.000268	0.000274	0.000286	0.000257	0.000342	0.000351	0.000319	0.000354
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0.1	0.1	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



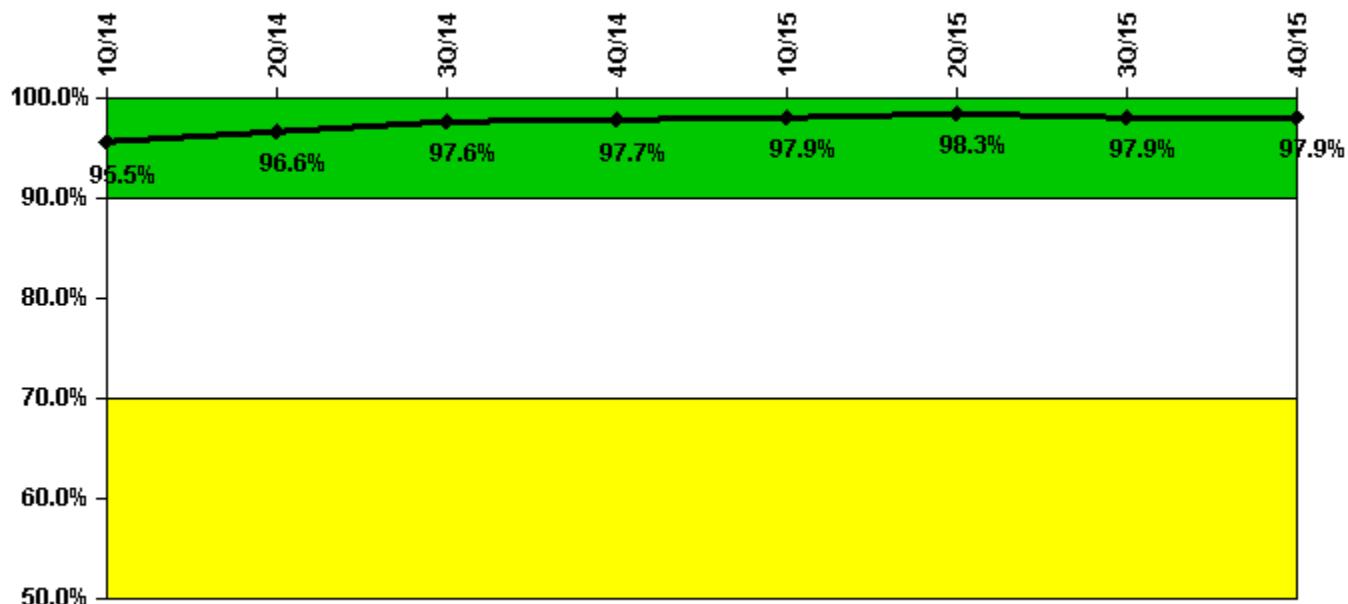
Thresholds: White > 50.0 Yellow > 100.0

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	0.063	0.003	0.010	0.011	0.015	0.029	0.030	0.117	0.014	0.045	0.095	0.053
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.6	0	0.1	0.1	0.2	0.3	0.3	1.2	0.1	0.5	1.0	0.5
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	0.001	0.052	0	0	0	0	0.009	0.002	0.013	0.011	0.022	0.068
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0.5	0	0	0	0	0.1	0	0.1	0.1	0.2	0.7

Licensee Comments: none

Drill/Exercise Performance



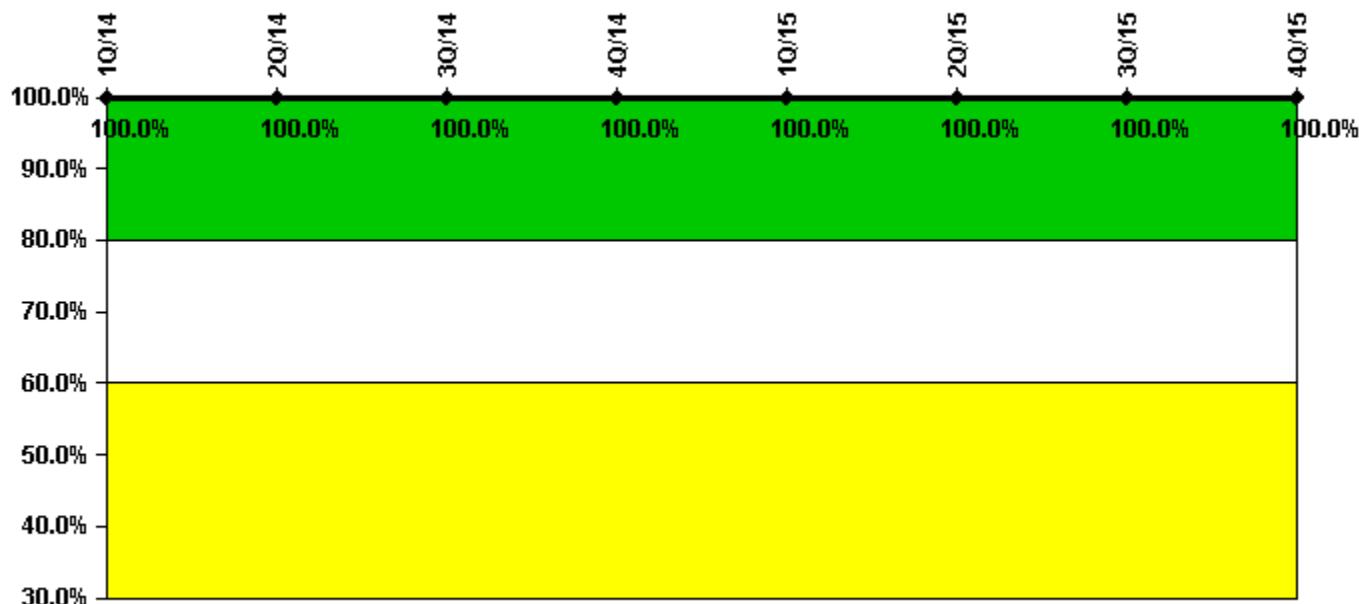
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Successful opportunities	50.0	43.0	53.0	29.0	31.0	31.0	20.0	24.0
Total opportunities	50.0	43.0	54.0	29.0	33.0	31.0	22.0	25.0
Indicator value	95.5%	96.6%	97.6%	97.7%	97.9%	98.3%	97.9%	97.9%

Licensee Comments: none

ERO Drill Participation



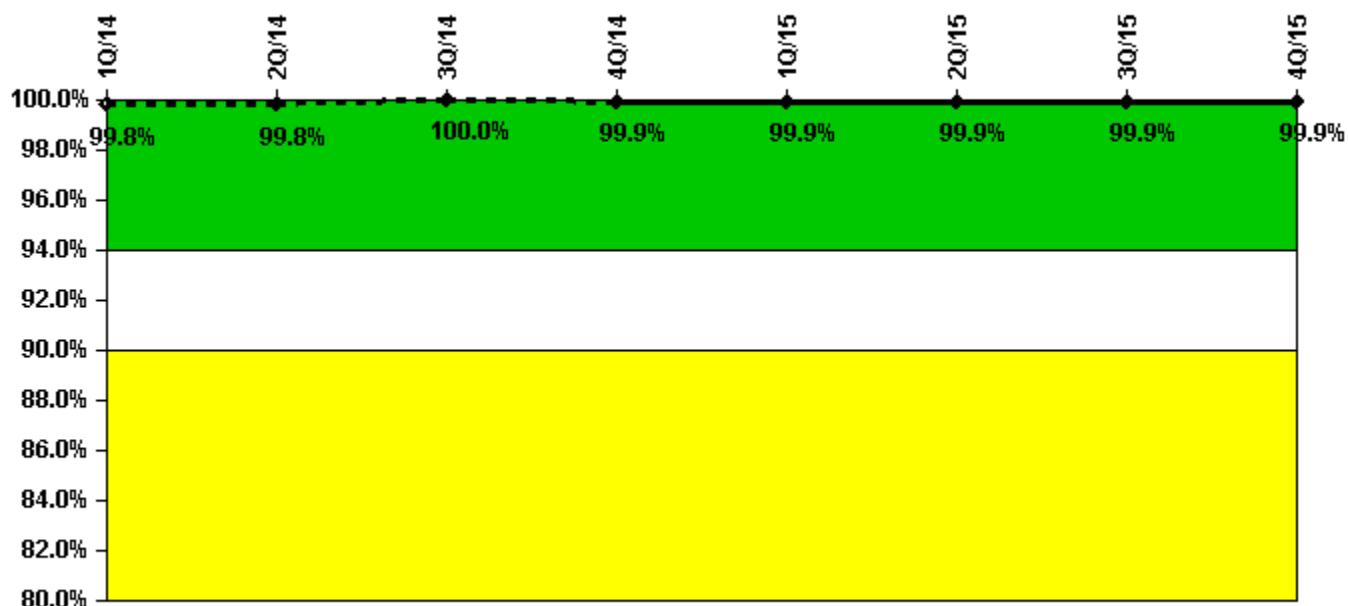
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Participating Key personnel	114.0	107.0	111.0	110.0	94.0	79.0	76.0	76.0
Total Key personnel	114.0	107.0	111.0	110.0	94.0	79.0	76.0	76.0
Indicator value	100.0%							

Licensee Comments: none

Alert & Notification System



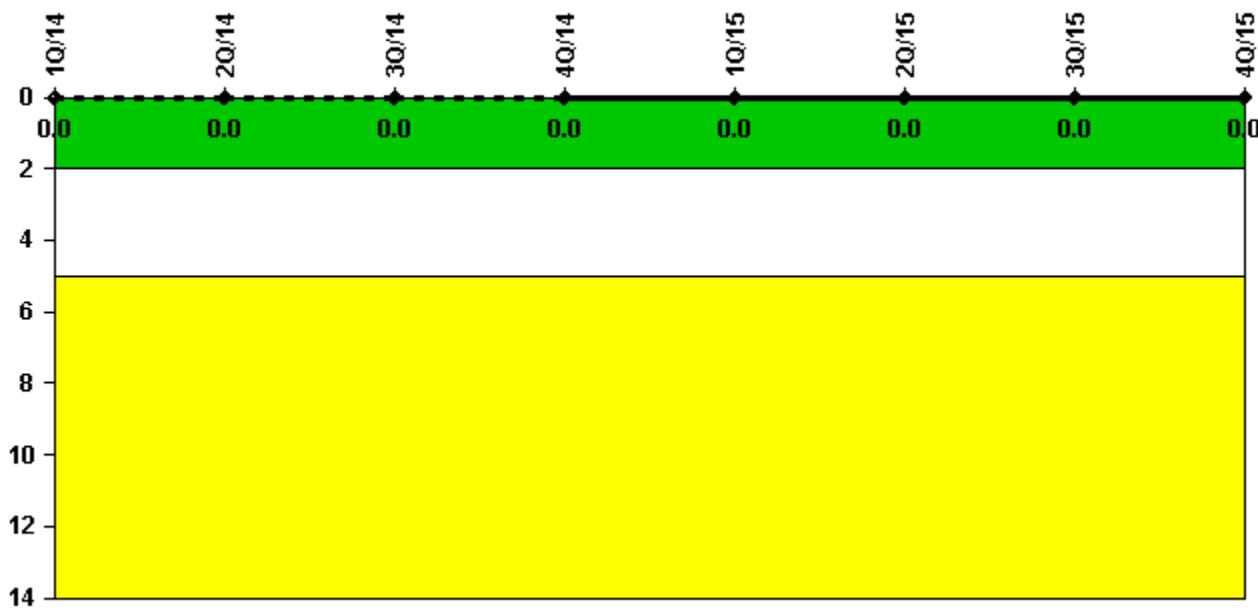
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Successful siren-tests	719	630	630	718	630	720	719	629
Total sirens-tests	720	630	630	720	630	720	720	630
Indicator value	99.8%	99.8%	100.0%	99.9%	99.9%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



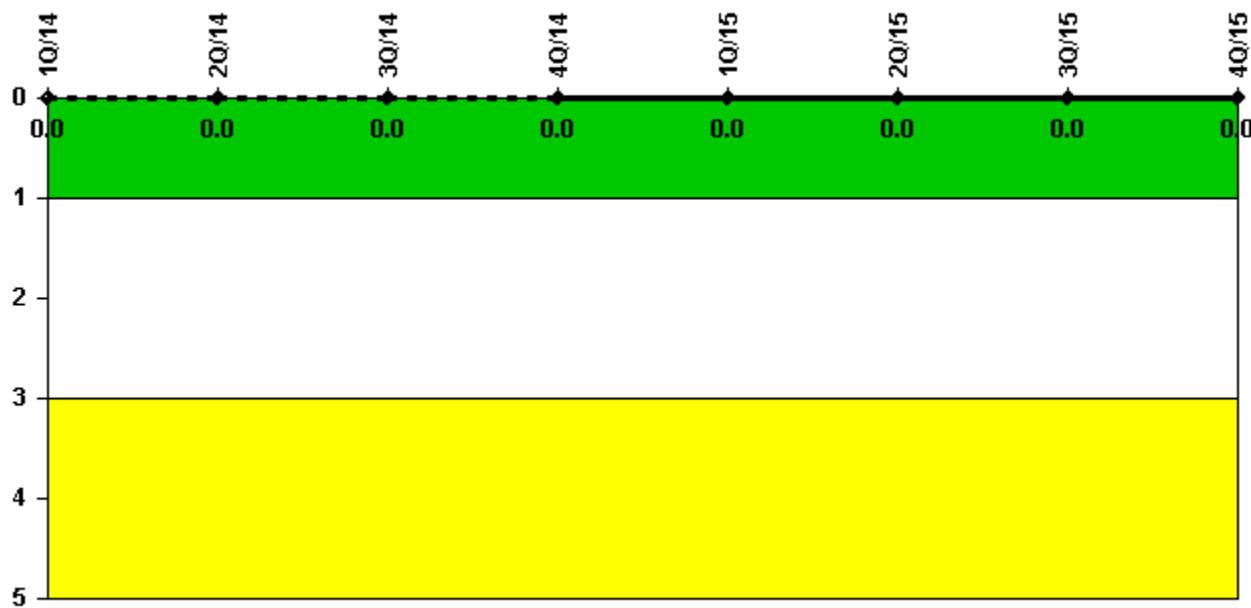
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/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
Indicator value	0							

Licensee Comments: none

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
Indicator value	0							

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: March 1, 2016

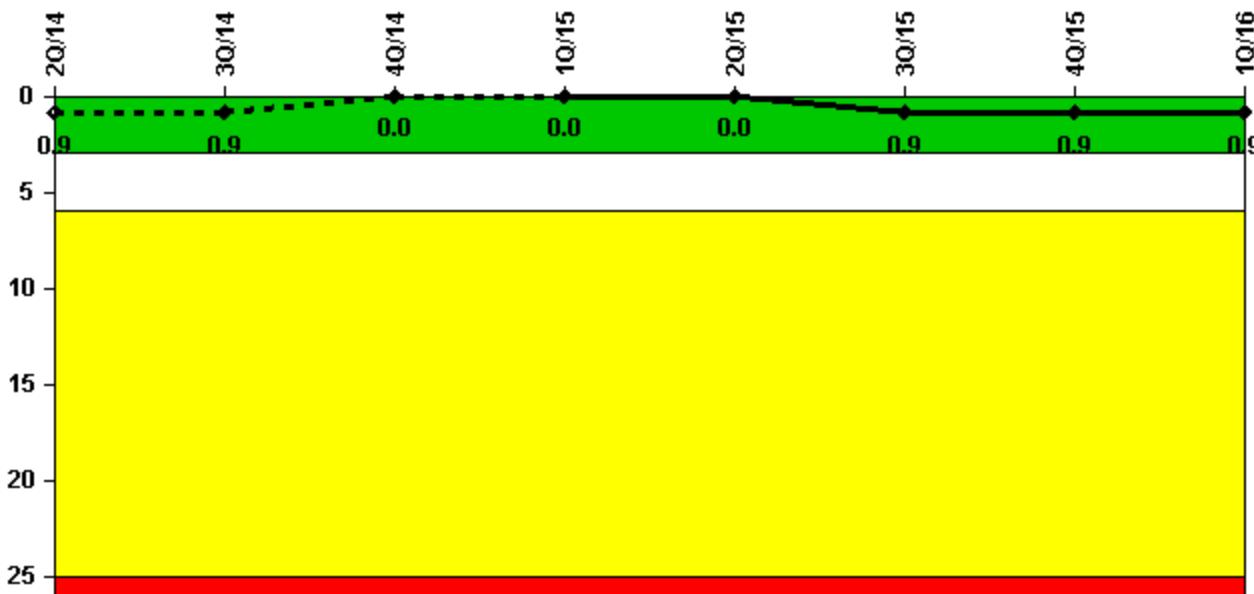
Saint Lucie 1

1Q/2016 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



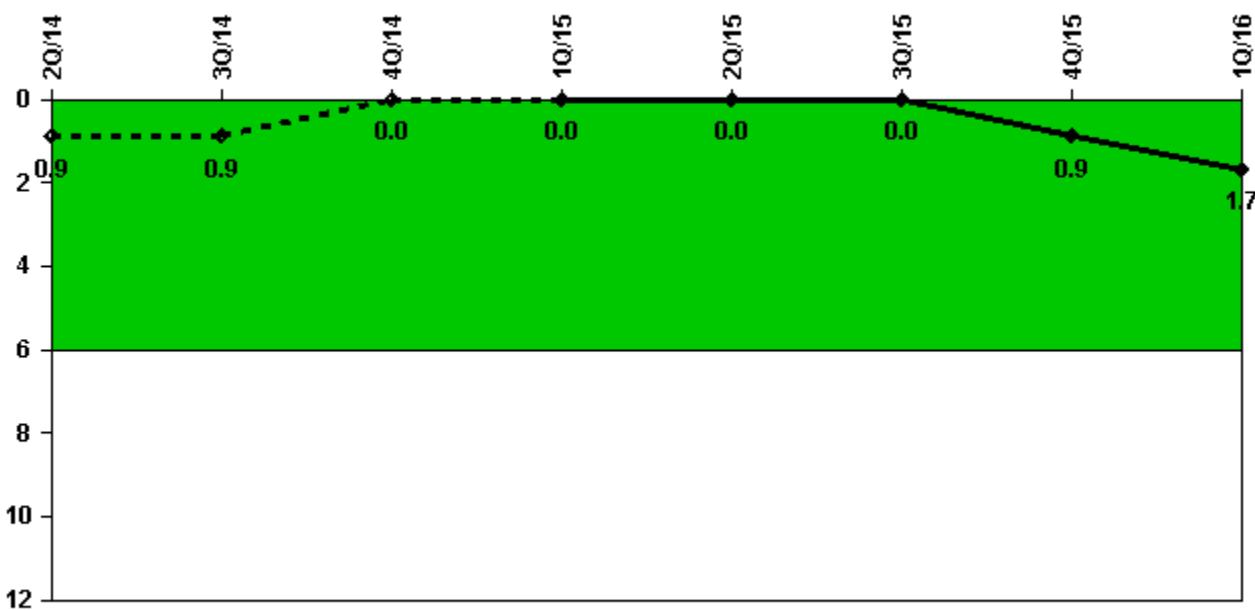
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0
Critical hours	2184.0	2208.0	2209.0	1943.0	1653.2	2160.6	2209.0	2183.0
Indicator value	0.9	0.9	0	0	0	0.9	0.9	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



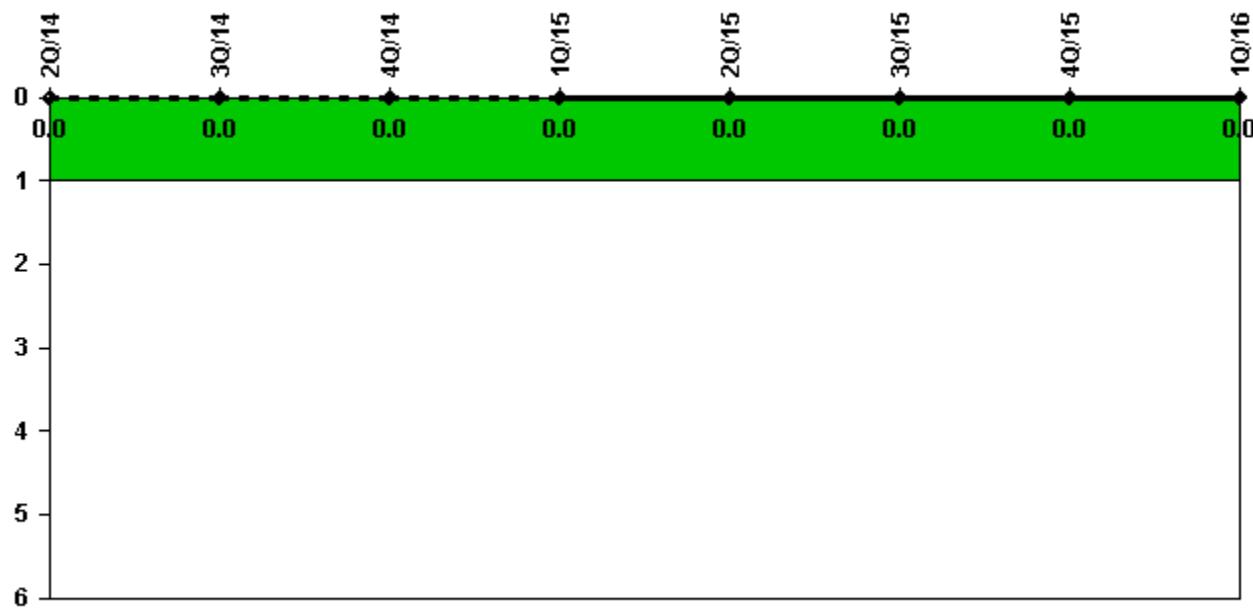
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Unplanned power changes	0	0	0	0	0	0	1.0	1.0
Critical hours	2184.0	2208.0	2209.0	1943.0	1653.2	2160.6	2209.0	2183.0
Indicator value	0.9	0.9	0	0	0	0	0.9	1.7

Licensee Comments: none

Unplanned Scrams with Complications



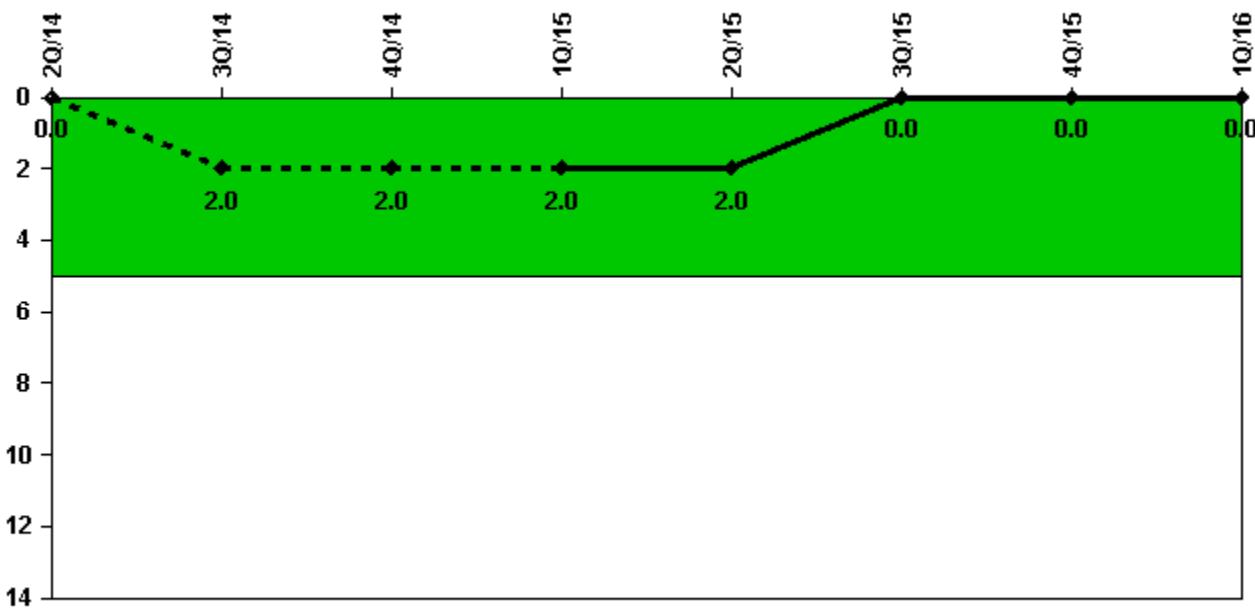
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0							

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

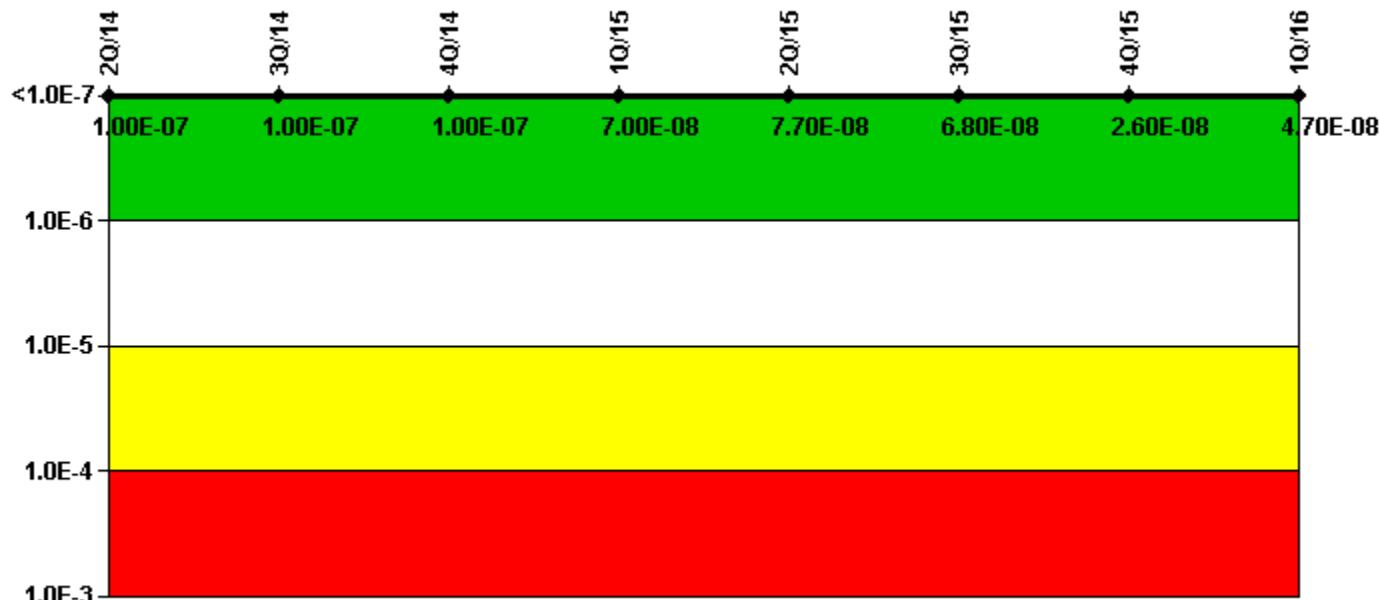
Notes

Safety System Functional Failures (PWR)	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Safety System Functional Failures	0	2	0	0	0	0	0	0
Indicator value	0	2	2	2	2	0	0	0

Licensee Comments:

3Q/14: Unit 1 LER 50-335/2014-001-02, Unit 1 and 2 LER 50-335,389/2012-010-02

Mitigating Systems Performance Index, Emergency AC Power System



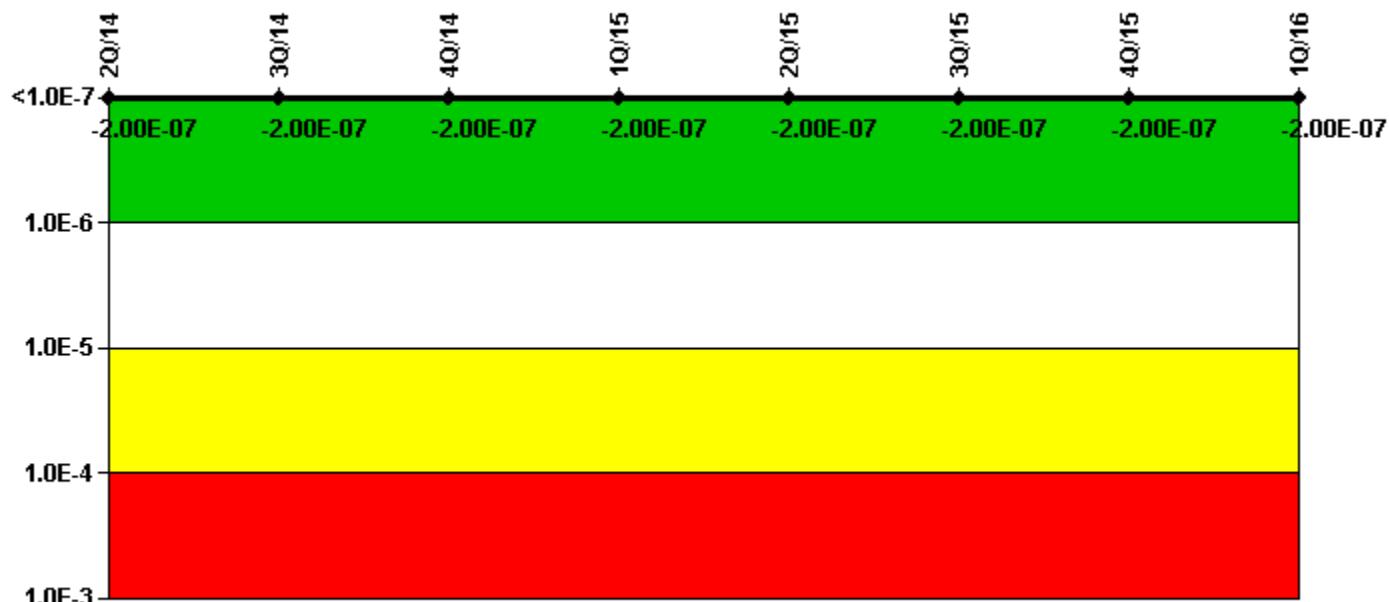
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (Δ CDF)	5.06E-08	5.02E-08	4.76E-08	5.27E-08	5.26E-08	4.36E-08	3.80E-08	5.86E-08
URI (Δ CDF)	5.20E-08	5.24E-08	5.29E-08	1.70E-08	2.40E-08	2.40E-08	-1.19E-08	-1.19E-08
PLE	NO							
Indicator value	1.00E-07	1.00E-07	1.00E-07	7.00E-08	7.70E-08	6.80E-08	2.60E-08	4.70E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



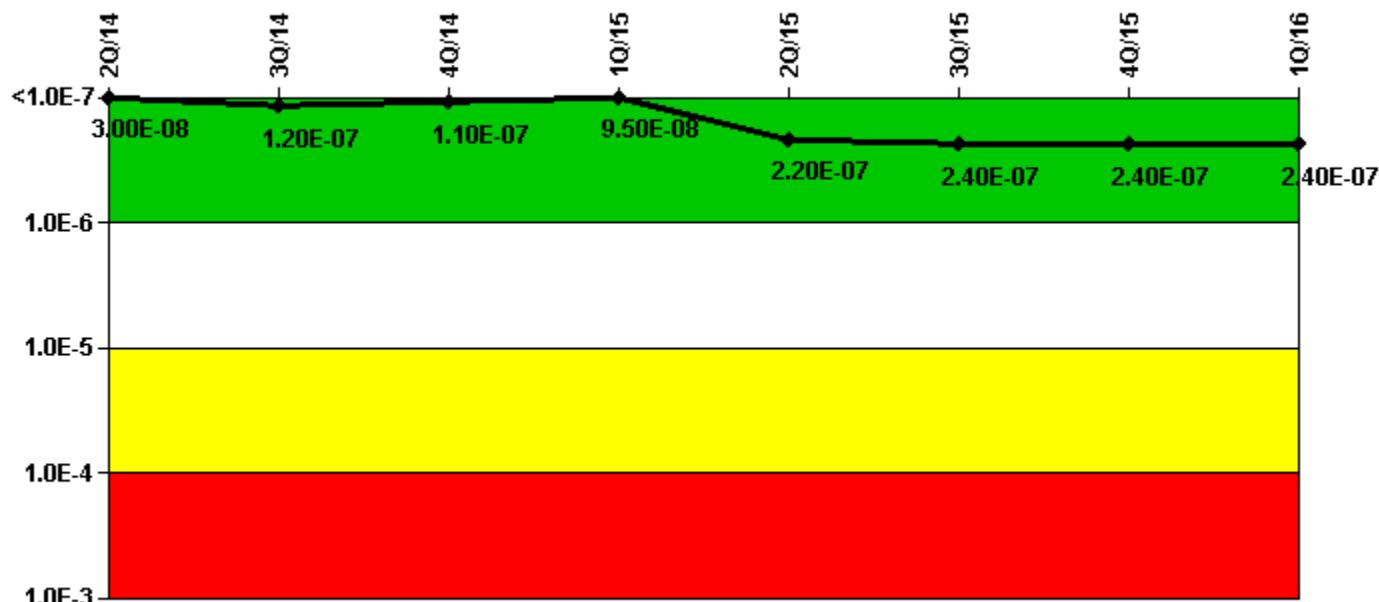
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
UAI (Δ CDF)	-3.36E-08							
URI (Δ CDF)	-1.63E-07							
PLE	NO							
Indicator value	-2.00E-07							

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



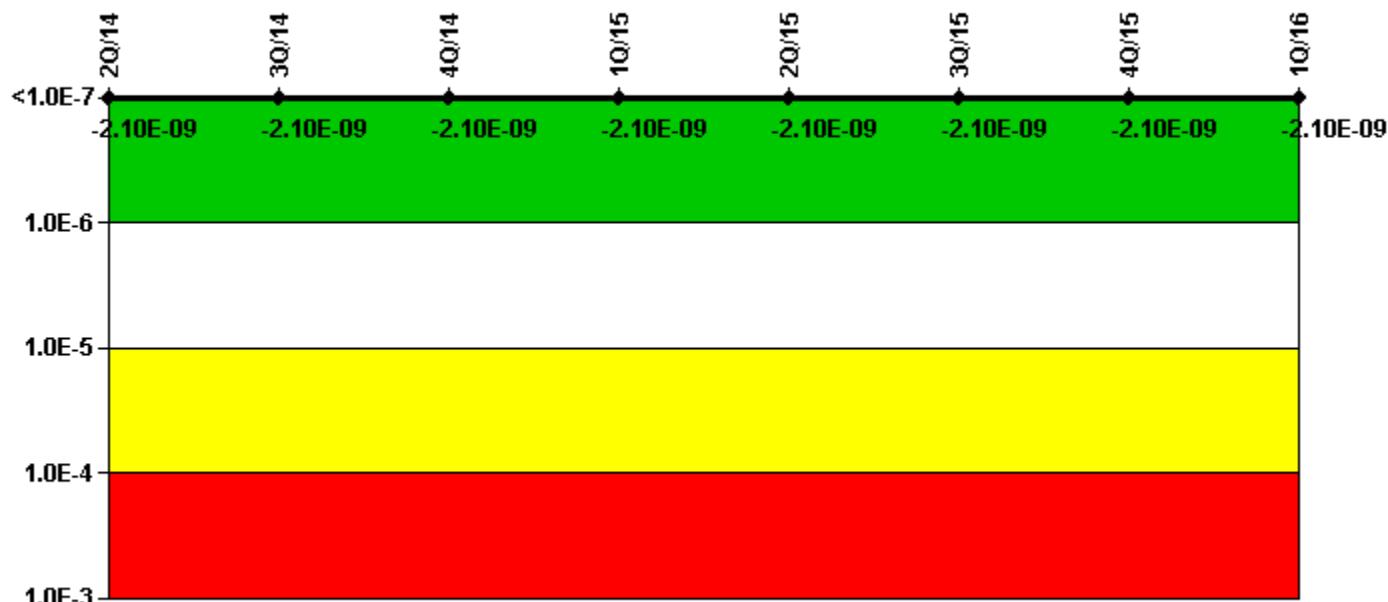
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
UAI (Δ CDF)	-9.39E-09	-9.42E-09	-1.29E-08	-1.31E-08	-5.18E-09	1.11E-08	1.08E-08	1.13E-08
URI (Δ CDF)	3.92E-08	1.25E-07	1.25E-07	1.09E-07	2.25E-07	2.25E-07	2.25E-07	2.25E-07
PLE	NO							
Indicator value	3.00E-08	1.20E-07	1.10E-07	9.50E-08	2.20E-07	2.40E-07	2.40E-07	2.40E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



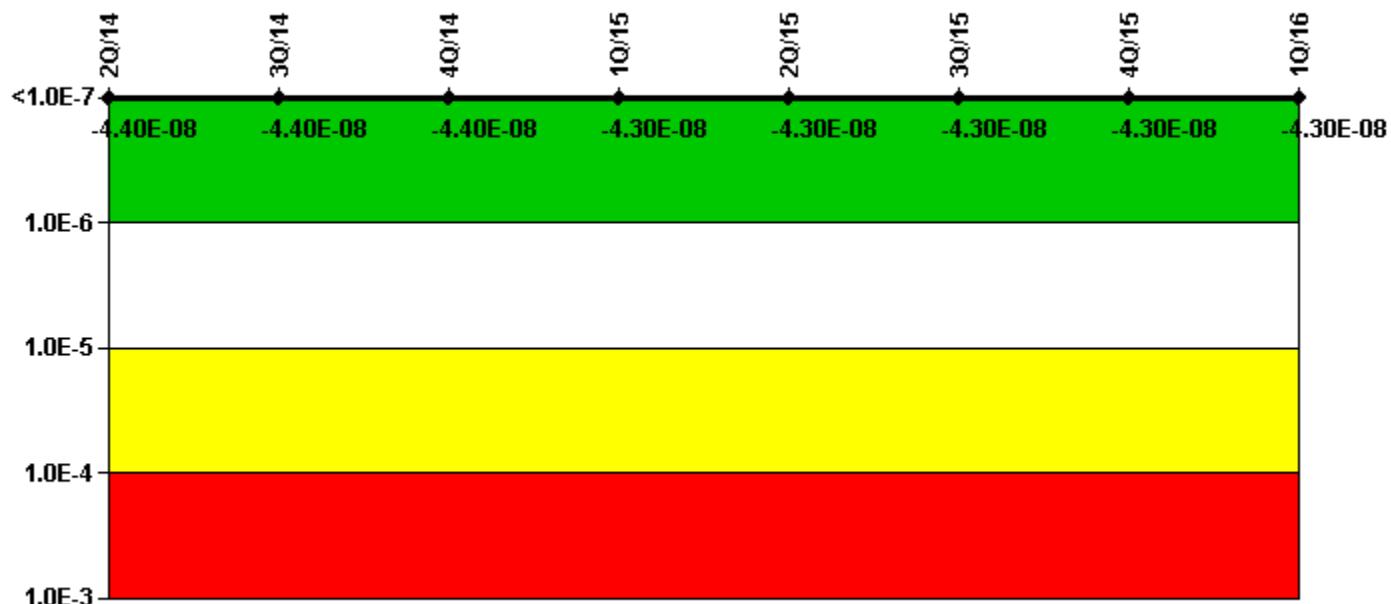
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
UAI (Δ CDF)	-1.41E-10							
URI (Δ CDF)	-1.96E-09							
PLE	NO							
Indicator value	-2.10E-09							

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



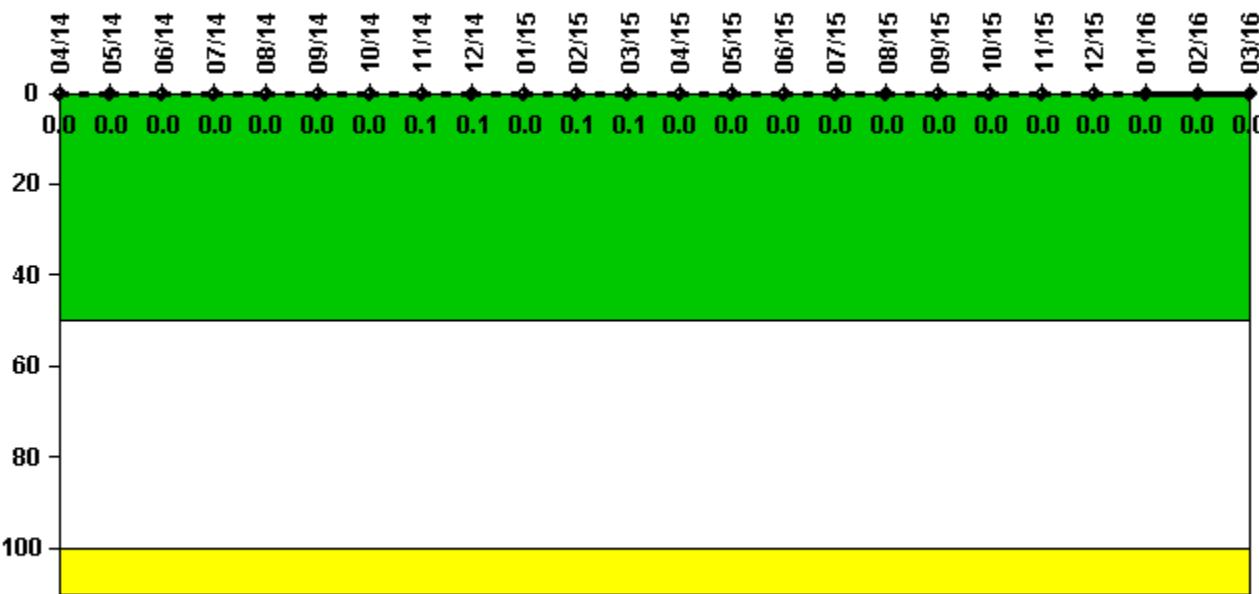
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
UAI (Δ CDF)	-3.22E-08	-3.22E-08	-3.17E-08	-3.11E-08	-3.11E-08	-3.11E-08	-3.11E-08	-3.11E-08
URI (Δ CDF)	-1.20E-08							
PLE	NO							
Indicator value	-4.40E-08	-4.40E-08	-4.40E-08	-4.30E-08	-4.30E-08	-4.30E-08	-4.30E-08	-4.30E-08

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

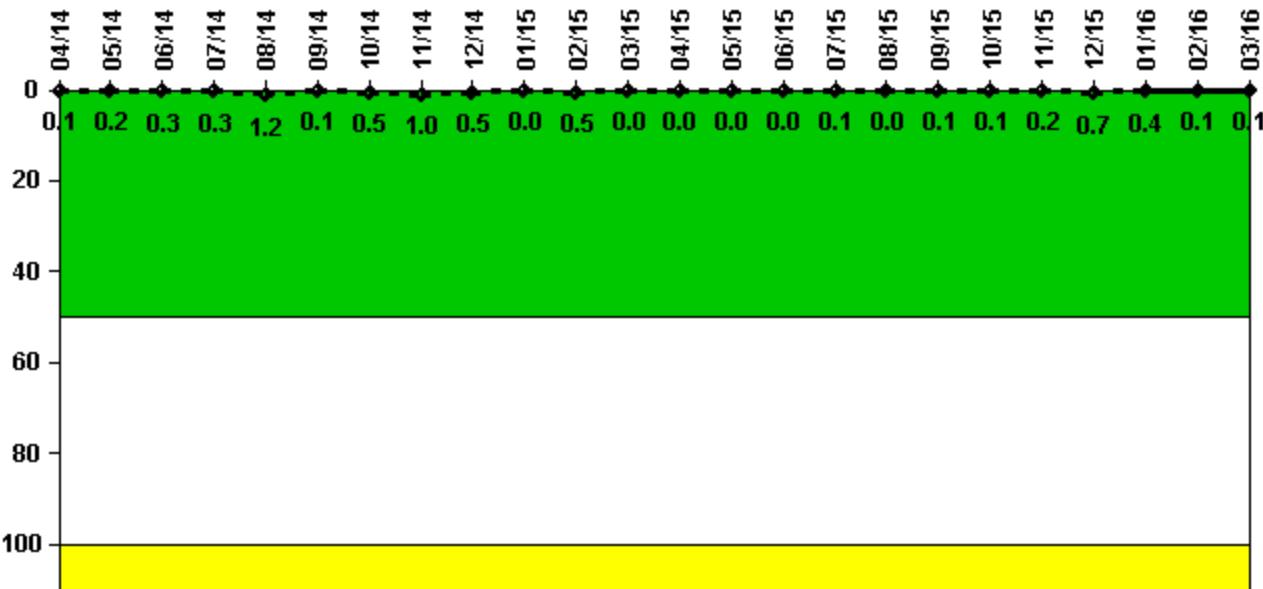
Notes

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	0.000335	0.000307	0.000306	0.000385	0.000331	0.000351	0.000451	0.000504	0.000522	0.000415	0.000500	0.001210
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0.1	0.1	0	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	0.000143	0.000268	0.000274	0.000286	0.000257	0.000342	0.000351	0.000319	0.000354	0.000357	0.000360	0.000373
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



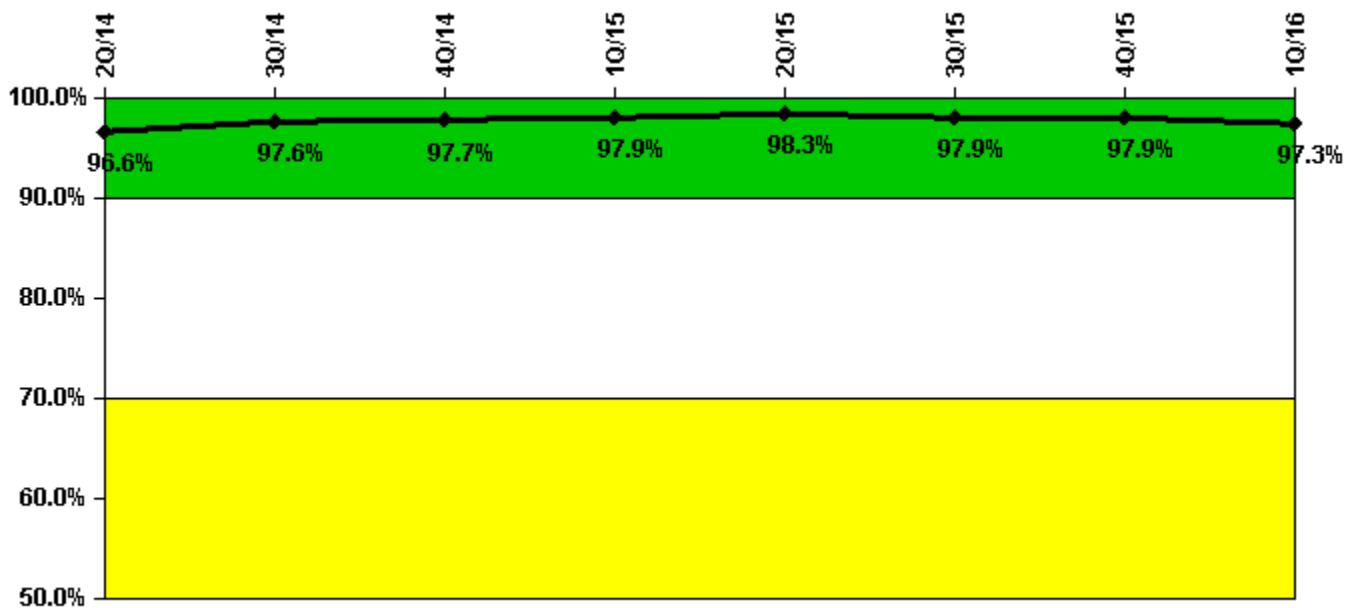
Thresholds: White > 50.0 Yellow > 100.0

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	0.011	0.015	0.029	0.030	0.117	0.014	0.045	0.095	0.053	0.001	0.052	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.2	0.3	0.3	1.2	0.1	0.5	1.0	0.5	0	0.5	0

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	0	0	0	0.009	0.002	0.013	0.011	0.022	0.068	0.036	0.013	0.011
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0	0	0.1	0	0.1	0.1	0.2	0.7	0.4	0.1	0.1

Licensee Comments: none

Drill/Exercise Performance

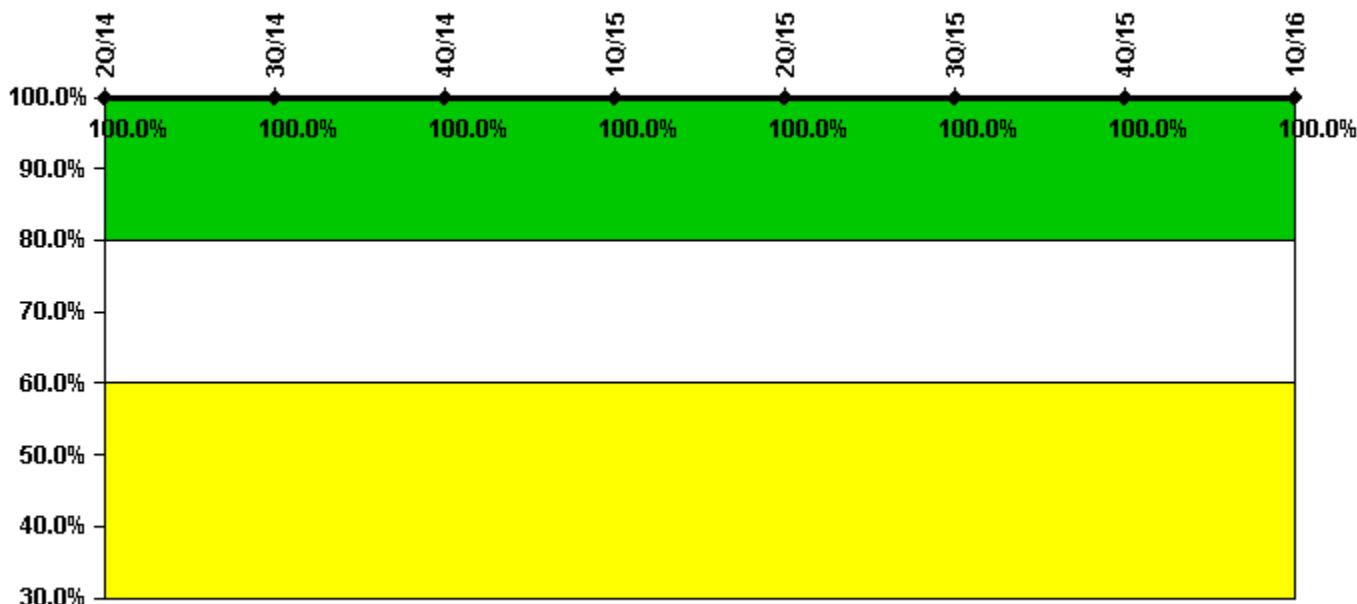
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Successful opportunities	43.0	53.0	29.0	31.0	31.0	20.0	24.0	17.0
Total opportunities	43.0	54.0	29.0	33.0	31.0	22.0	25.0	18.0
Indicator value	96.6%	97.6%	97.7%	97.9%	98.3%	97.9%	97.9%	97.3%

Licensee Comments: none

ERO Drill Participation



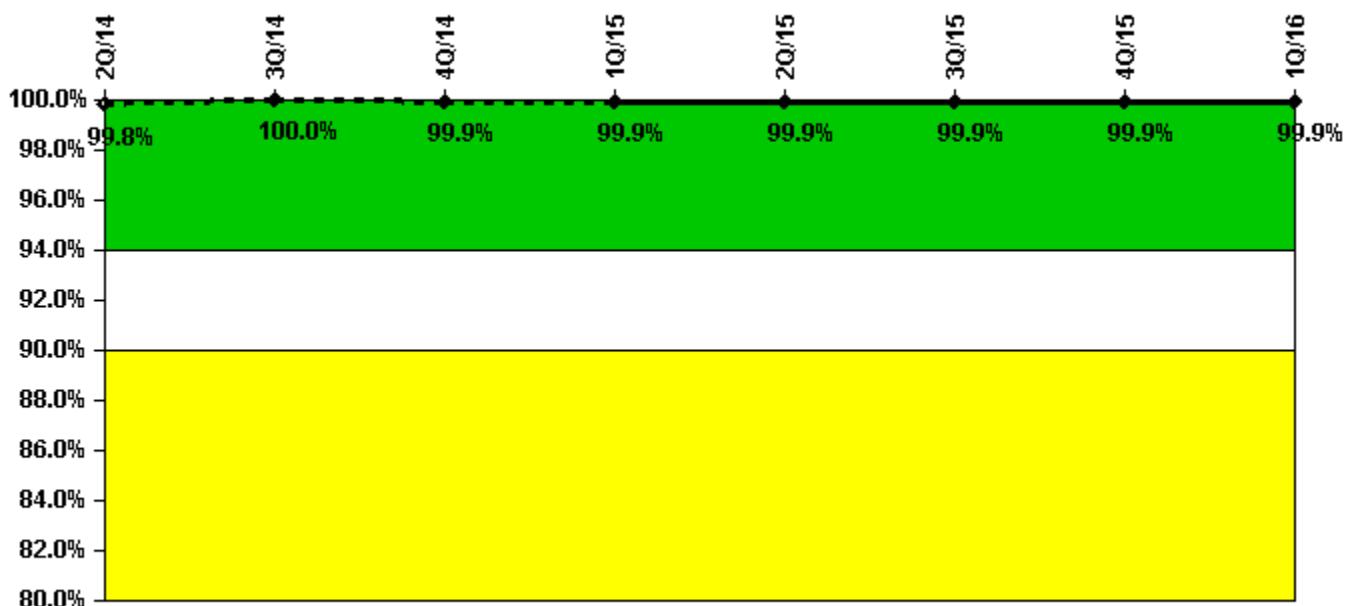
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Participating Key personnel	107.0	111.0	110.0	94.0	79.0	76.0	76.0	83.0
Total Key personnel	107.0	111.0	110.0	94.0	79.0	76.0	76.0	83.0
Indicator value	100.0%							

Licensee Comments: none

Alert & Notification System



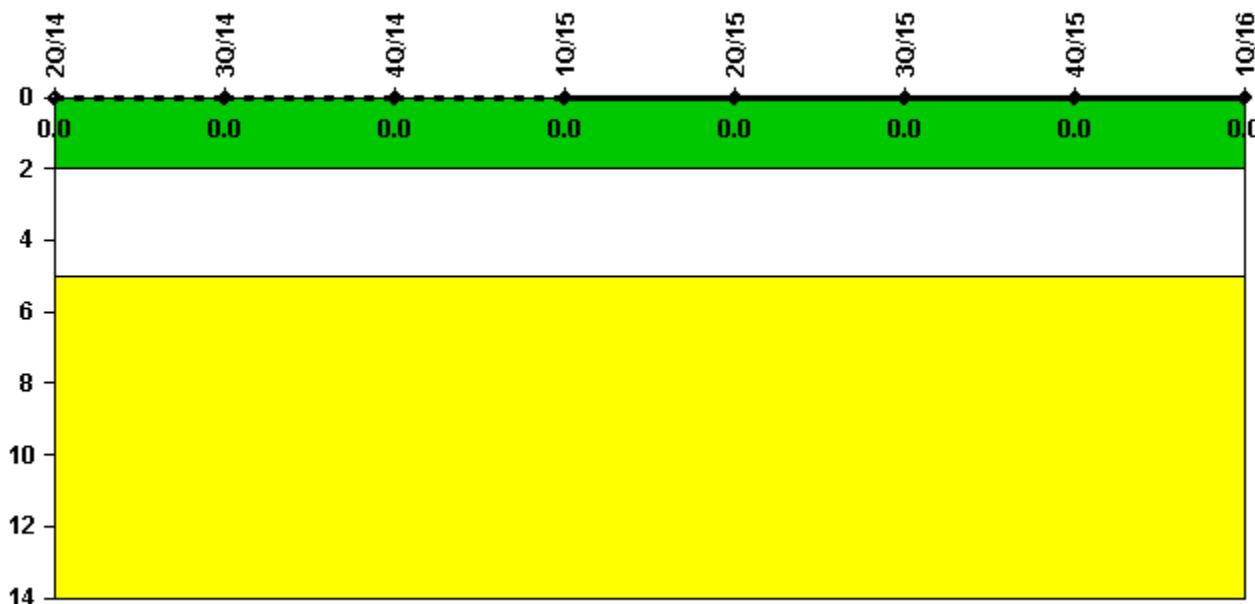
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Successful siren-tests	630	630	718	630	720	719	629	630
Total sirens-tests	630	630	720	630	720	720	630	630
Indicator value	99.8%	100.0%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



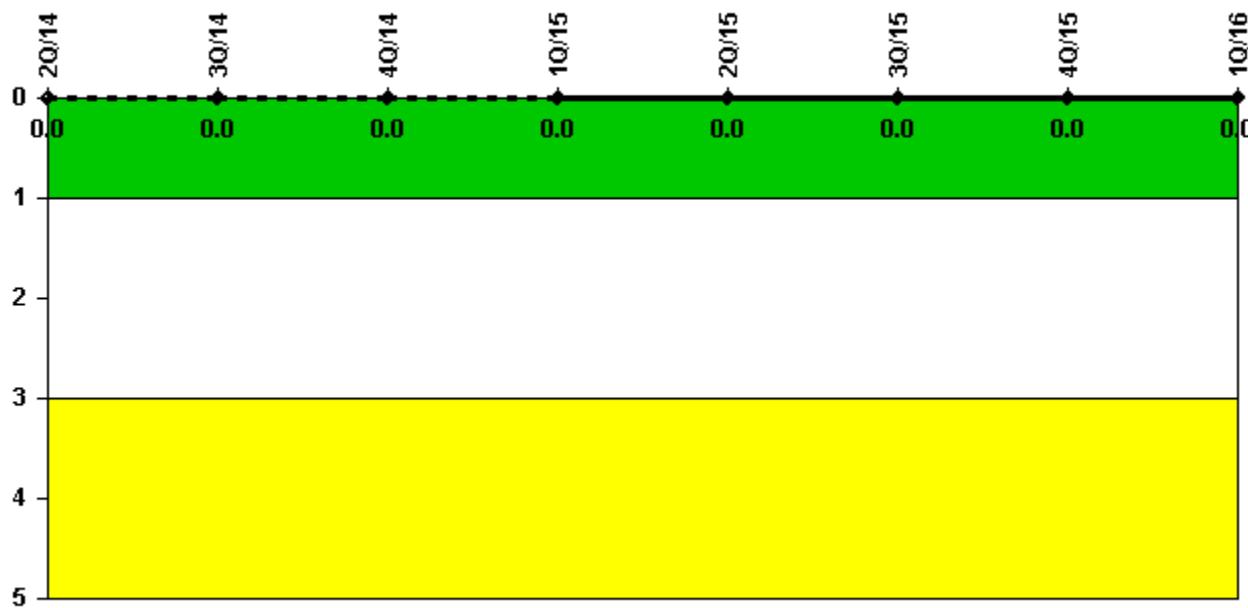
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/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
Indicator value	0							

Licensee Comments: none

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	0							

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: April 23, 2016

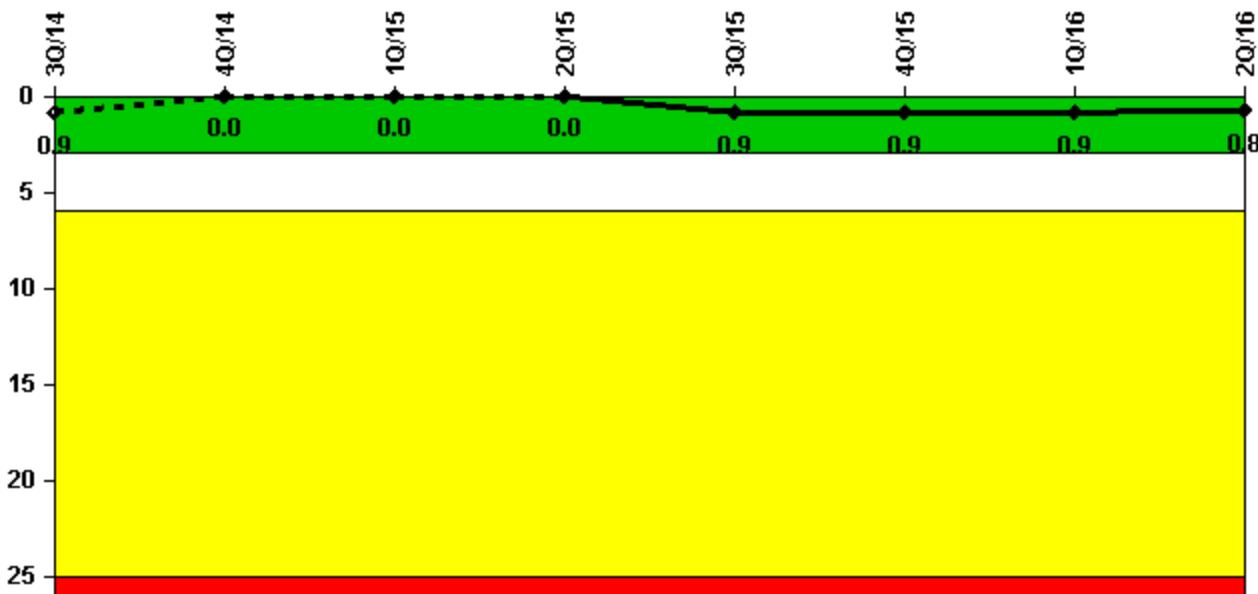
Saint Lucie 1

2Q/2016 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



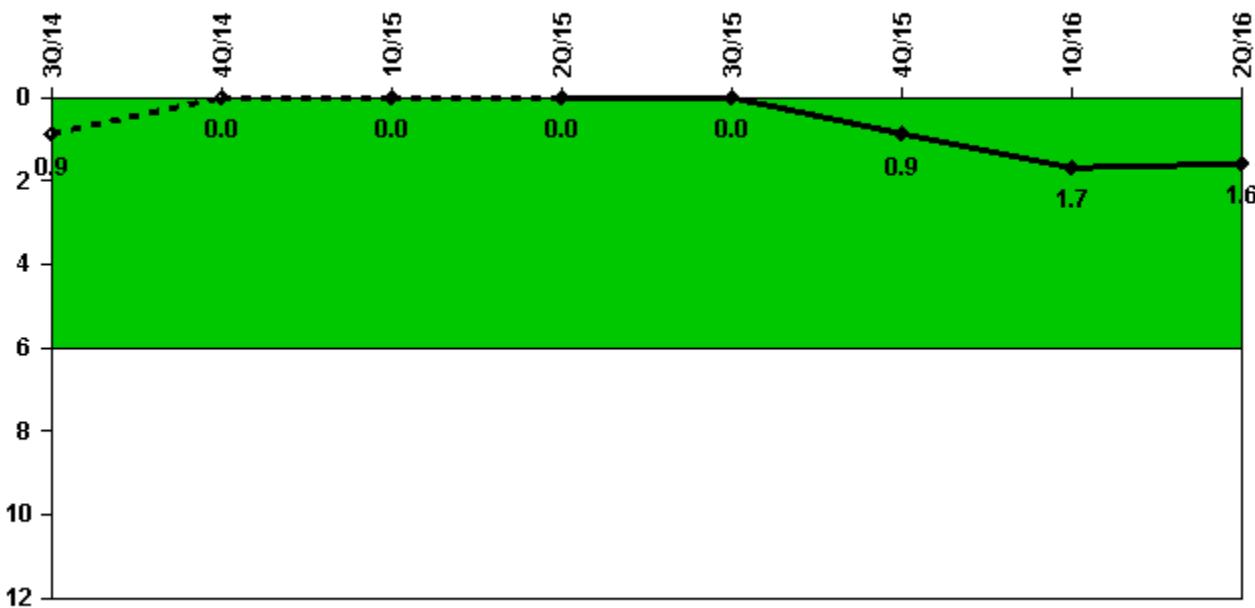
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0
Critical hours	2208.0	2209.0	1943.0	1653.2	2160.6	2209.0	2183.0	2184.0
Indicator value	0.9	0	0	0	0.9	0.9	0.9	0.8

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



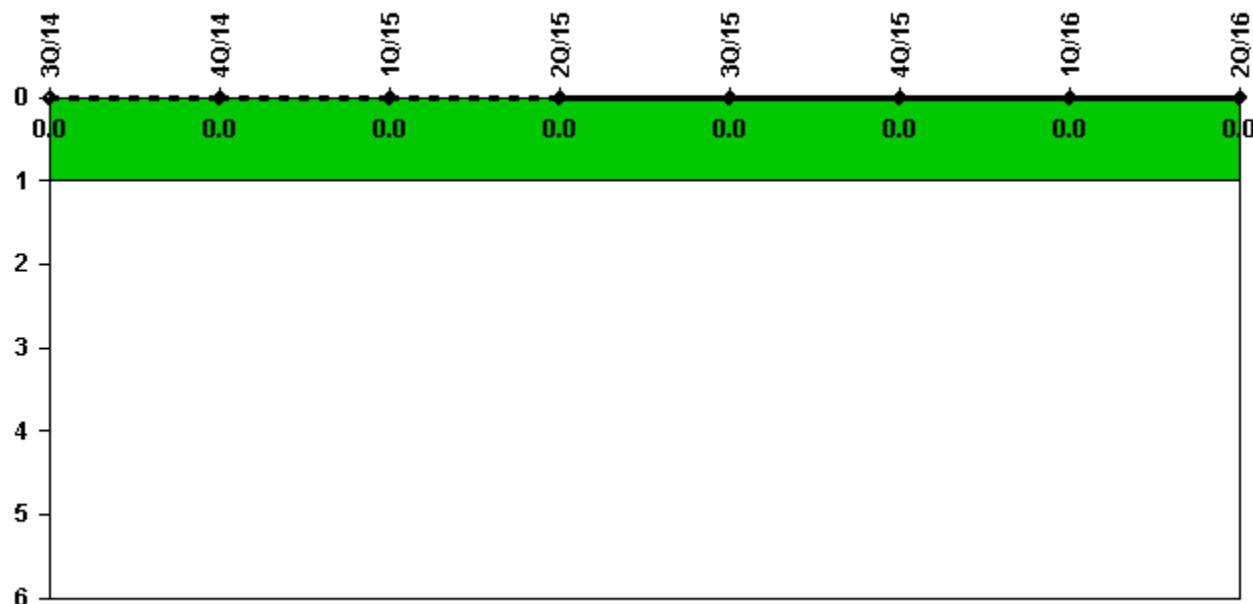
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Unplanned power changes	0	0	0	0	0	1.0	1.0	0
Critical hours	2208.0	2209.0	1943.0	1653.2	2160.6	2209.0	2183.0	2184.0
Indicator value	0.9	0	0	0	0	0.9	1.7	1.6

Licensee Comments: none

Unplanned Scrams with Complications



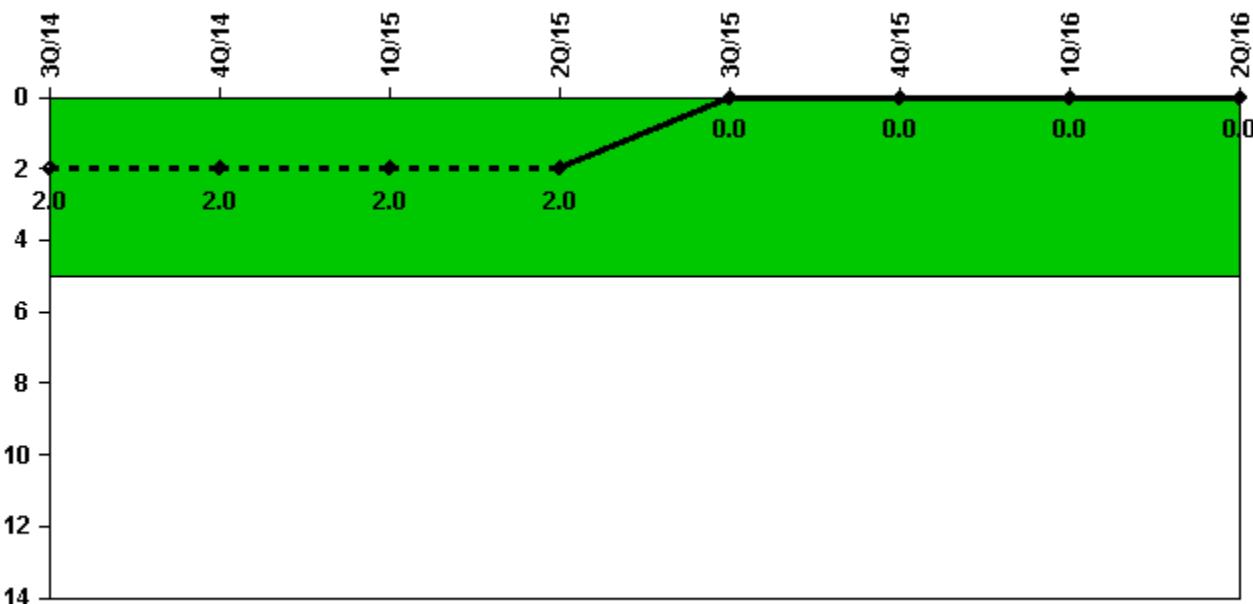
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0							

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

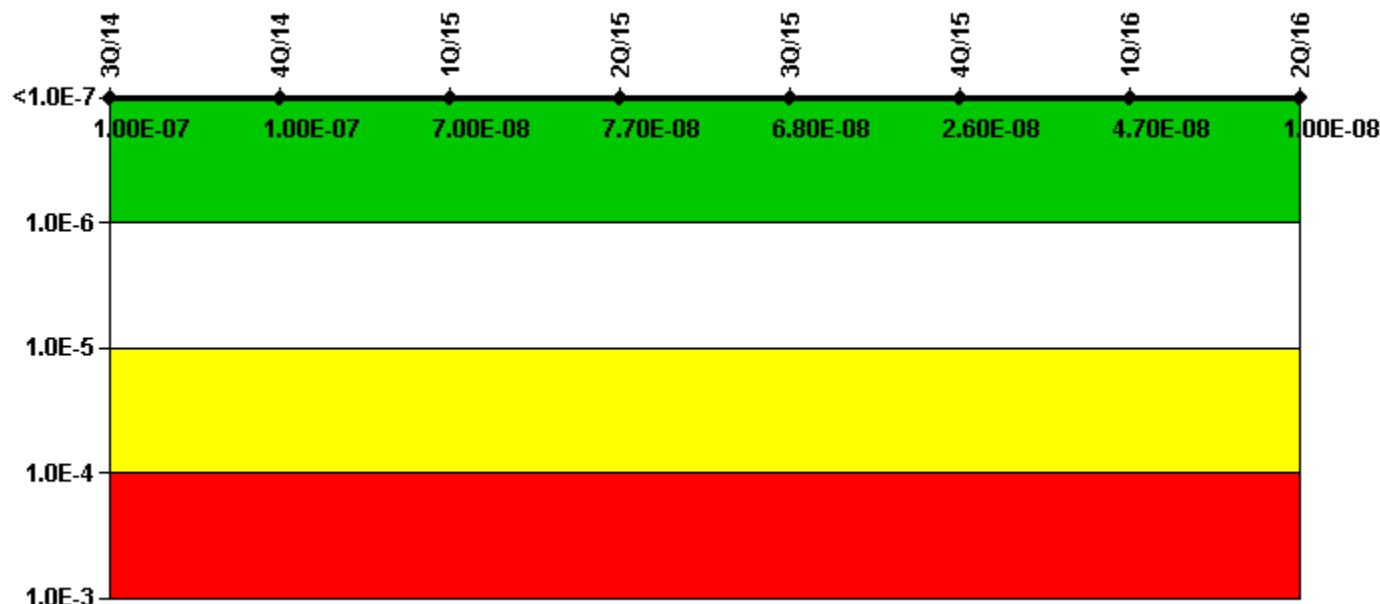
Notes

Safety System Functional Failures (PWR)	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Safety System Functional Failures	2	0	0	0	0	0	0	0
Indicator value	2	2	2	2	0	0	0	0

Licensee Comments:

3Q/14: Unit 1 LER 50-335/2014-001-02, Unit 1 and 2 LER 50-335,389/2012-010-02

Mitigating Systems Performance Index, Emergency AC Power System



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

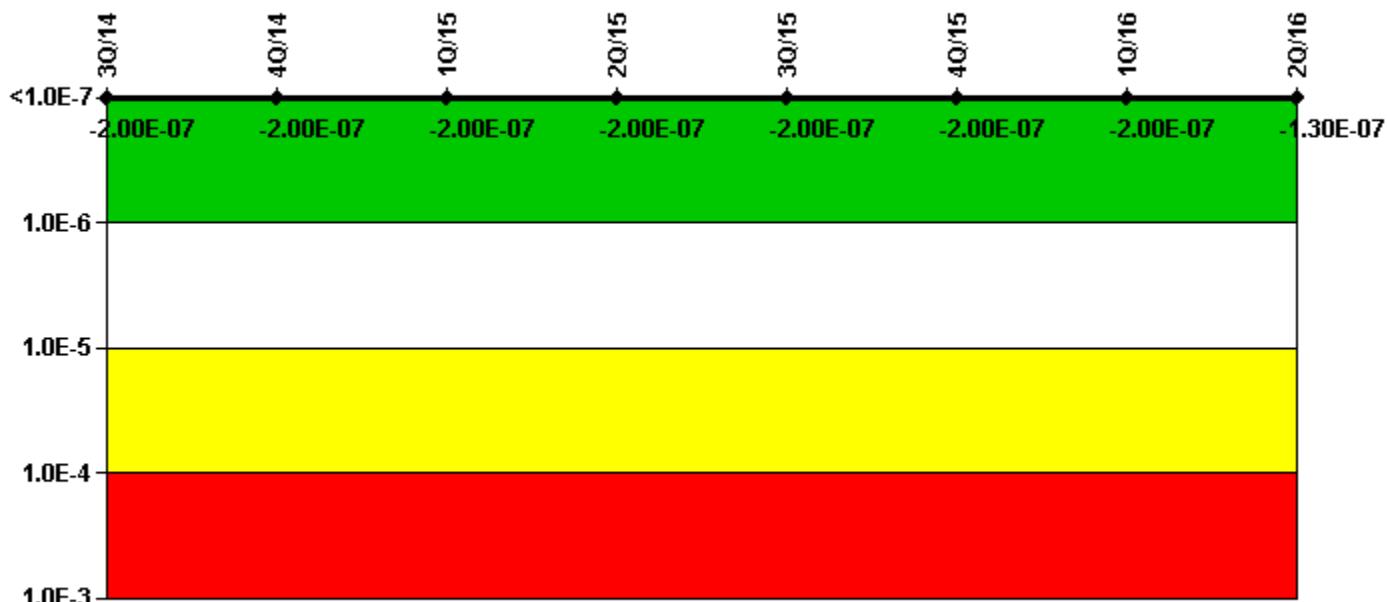
Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
UAI (Δ CDF)	5.02E-08	4.76E-08	5.27E-08	5.26E-08	4.36E-08	3.80E-08	5.86E-08	1.94E-08
URI (Δ CDF)	5.24E-08	5.29E-08	1.70E-08	2.40E-08	2.40E-08	-1.19E-08	-1.19E-08	-8.88E-09
PLE	NO							
Indicator value	1.00E-07	1.00E-07	7.00E-08	7.70E-08	6.80E-08	2.60E-08	4.70E-08	1.00E-08

Licensee Comments:

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model

Mitigating Systems Performance Index, High Pressure Injection System



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

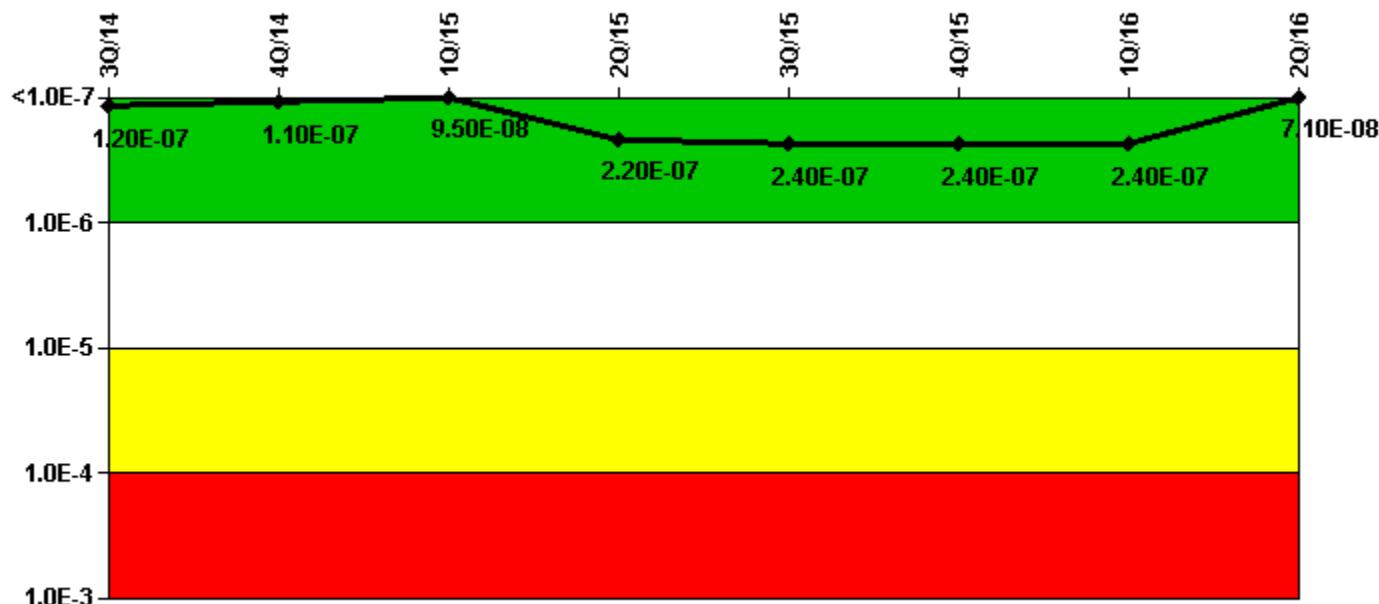
Notes

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 (Δ CDF)	-3.36E-08	-3.00E-08						
URI (Δ CDF)	-1.63E-07	-9.53E-08						
PLE	NO							
Indicator value	-2.00E-07	-1.30E-07						

Licensee Comments:

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model

Mitigating Systems Performance Index, Heat Removal System



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

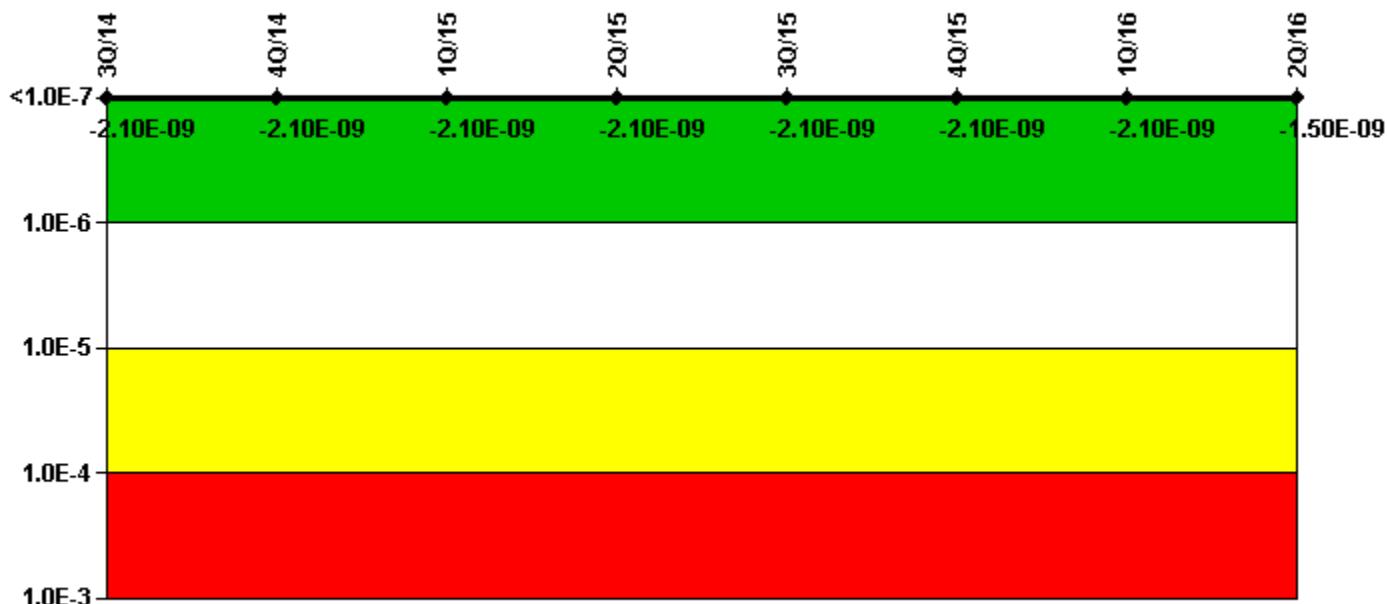
Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
UAI (Δ CDF)	-9.42E-09	-1.29E-08	-1.31E-08	-5.18E-09	1.11E-08	1.08E-08	1.13E-08	1.56E-08
URI (Δ CDF)	1.25E-07	1.25E-07	1.09E-07	2.25E-07	2.25E-07	2.25E-07	2.25E-07	5.56E-08
PLE	NO							
Indicator value	1.20E-07	1.10E-07	9.50E-08	2.20E-07	2.40E-07	2.40E-07	2.40E-07	7.10E-08

Licensee Comments:

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model

Mitigating Systems Performance Index, Residual Heat Removal System



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

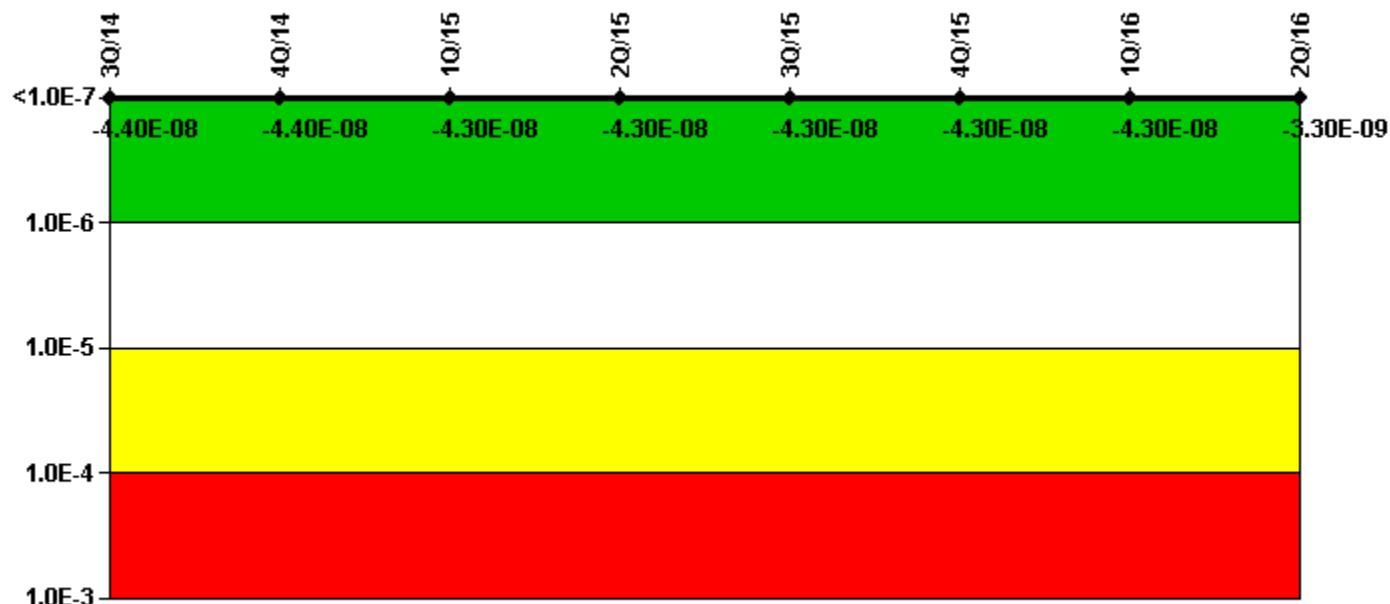
Notes

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 (Δ CDF)	-1.41E-10	-8.27E-11						
URI (Δ CDF)	-1.96E-09	-1.40E-09						
PLE	NO							
Indicator value	-2.10E-09	-1.50E-09						

Licensee Comments:

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model

Mitigating Systems Performance Index, Cooling Water Systems



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

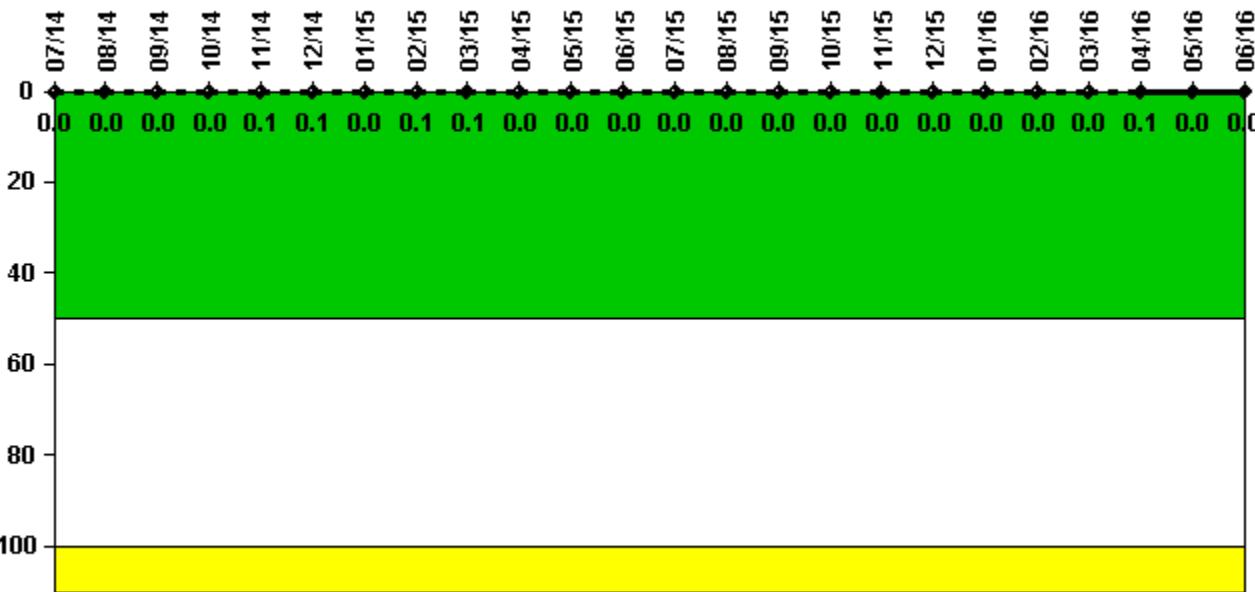
Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
UAI (Δ CDF)	-3.22E-08	-3.17E-08	-3.11E-08	-3.11E-08	-3.11E-08	-3.11E-08	-3.11E-08	-2.93E-09
URI (Δ CDF)	-1.20E-08	-3.38E-10						
PLE	NO							
Indicator value	-4.40E-08	-4.40E-08	-4.30E-08	-4.30E-08	-4.30E-08	-4.30E-08	-4.30E-08	-3.30E-09

Licensee Comments:

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model

Reactor Coolant System Activity



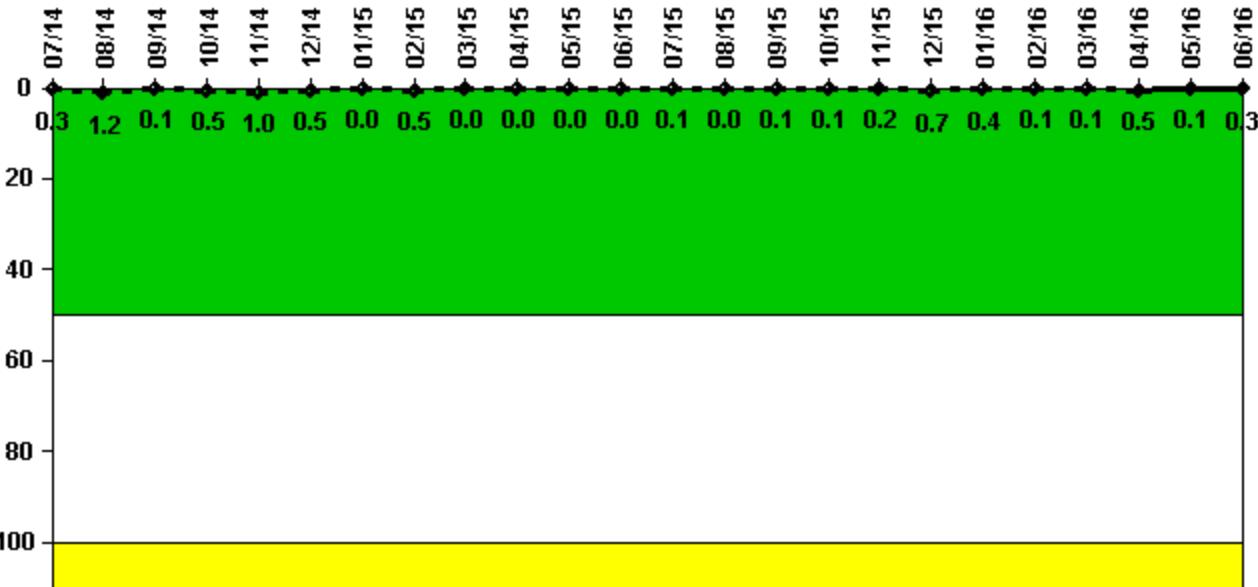
Thresholds: White > 50.0 Yellow > 100.0

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	0.000385	0.000331	0.000351	0.000451	0.000504	0.000522	0.000415	0.000500	0.001210	0.000143	0.000268	0.000274
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0.1	0.1	0	0.1	0.1	0	0	0
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	0.000286	0.000257	0.000342	0.000351	0.000319	0.000354	0.000357	0.000360	0.000373	0.000640	0.000390	0.000381
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0.1	0	0

Licensee Comments: none

Reactor Coolant System Leakage



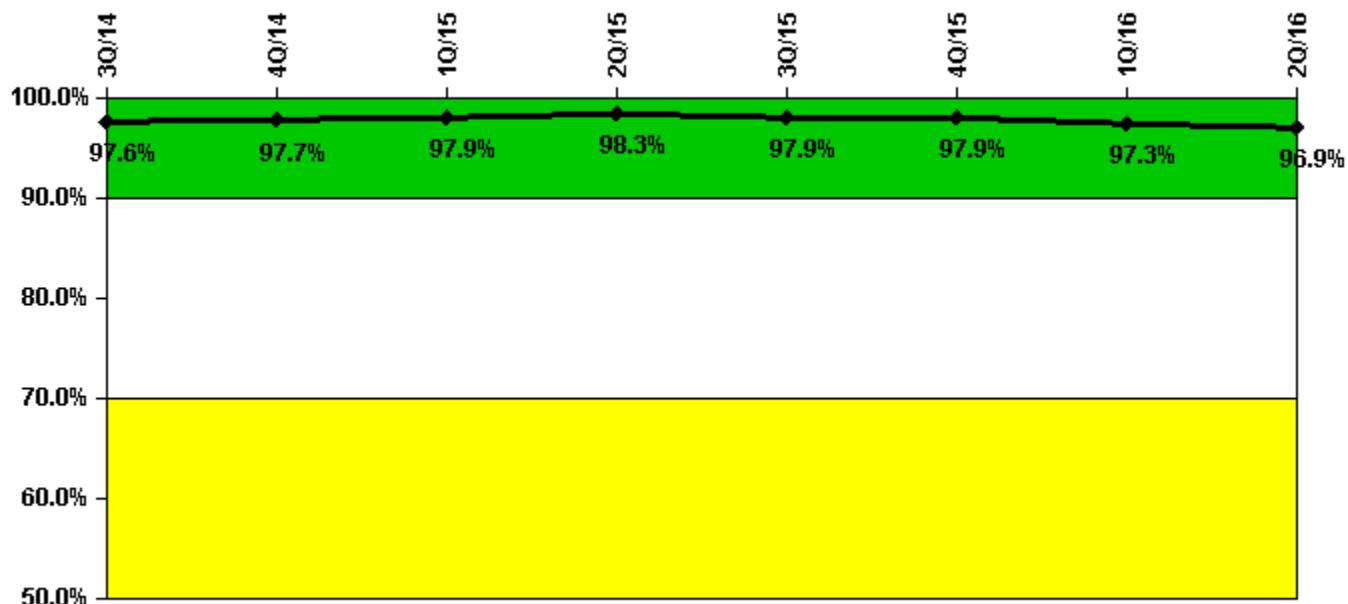
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/14	8/14	9/14	10/14	11/14	12/14	1/15	2/15	3/15	4/15	5/15	6/15
Maximum leakage	0.030	0.117	0.014	0.045	0.095	0.053	0.001	0.052	0	0	0	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	1.2	0.1	0.5	1.0	0.5	0	0.5	0	0	0	0

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	0.009	0.002	0.013	0.011	0.022	0.068	0.036	0.013	0.011	0.050	0.009	0.029
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0	0.1	0.1	0.2	0.7	0.4	0.1	0.1	0.5	0.1	0.3

Licensee Comments: none

Drill/Exercise Performance

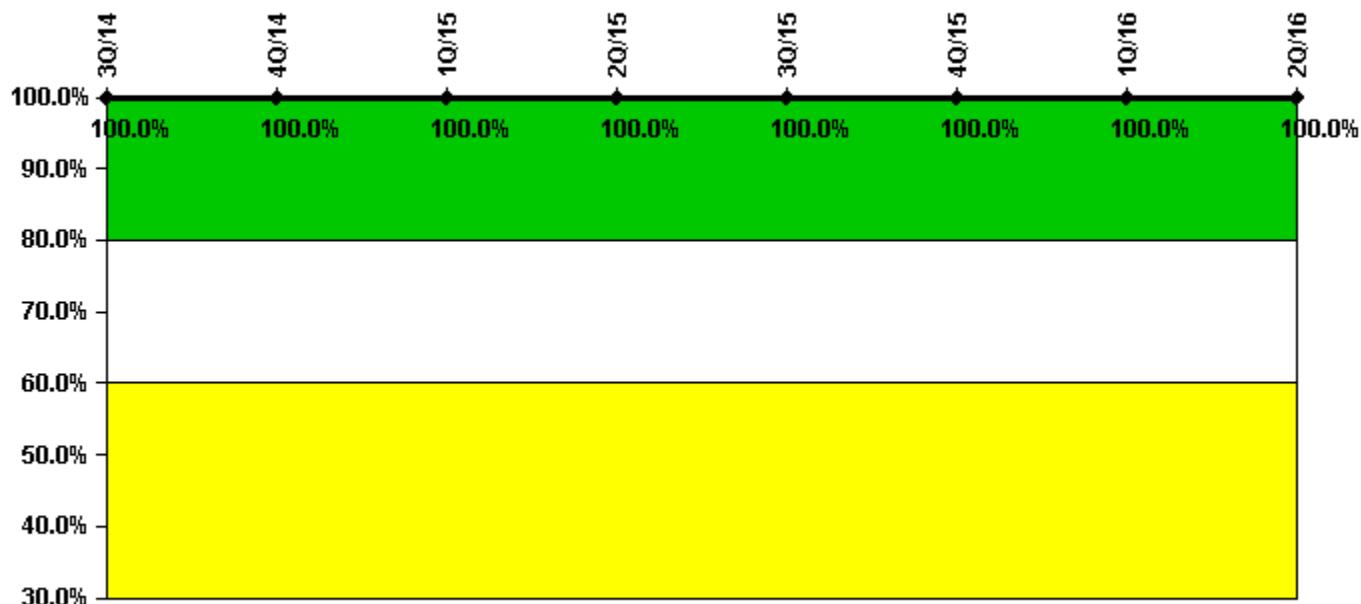
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Successful opportunities	53.0	29.0	31.0	31.0	20.0	24.0	17.0	17.0
Total opportunities	54.0	29.0	33.0	31.0	22.0	25.0	18.0	17.0
Indicator value	97.6%	97.7%	97.9%	98.3%	97.9%	97.9%	97.3%	96.9%

Licensee Comments: none

ERO Drill Participation



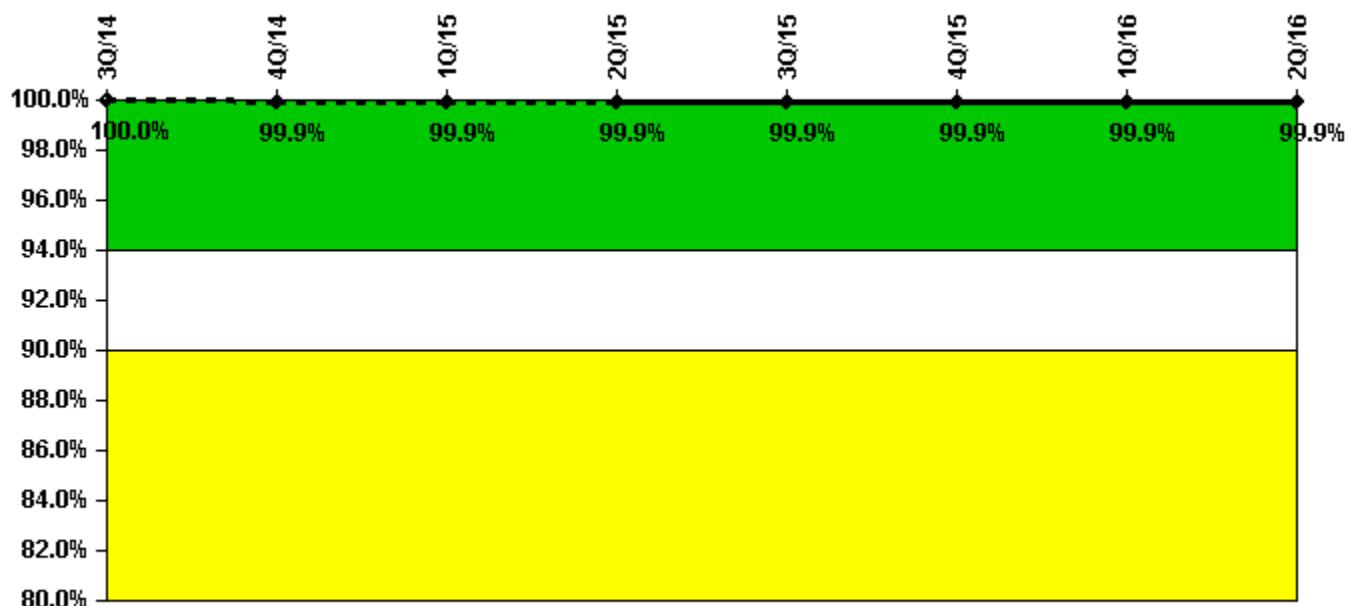
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Participating Key personnel	111.0	110.0	94.0	79.0	76.0	76.0	83.0	83.0
Total Key personnel	111.0	110.0	94.0	79.0	76.0	76.0	83.0	83.0
Indicator value	100.0%							

Licensee Comments: none

Alert & Notification System



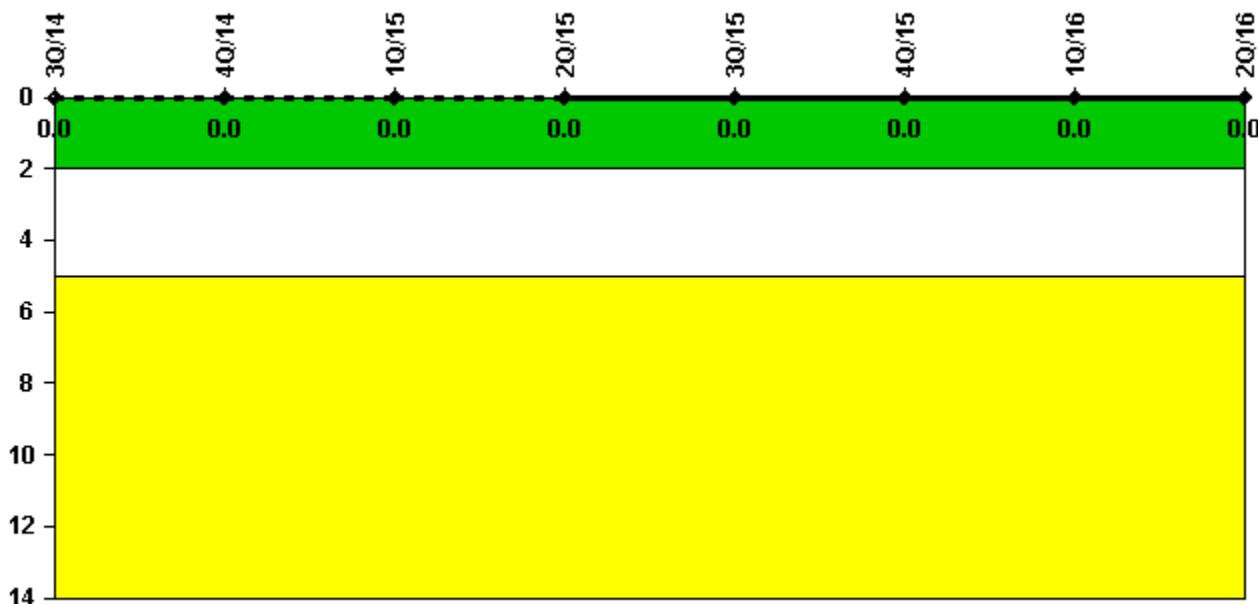
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Successful siren-tests	630	718	630	720	719	629	630	629
Total sirens-tests	630	720	630	720	720	630	630	630
Indicator value	100.0%	99.9%						

Licensee Comments: none

Occupational Exposure Control Effectiveness



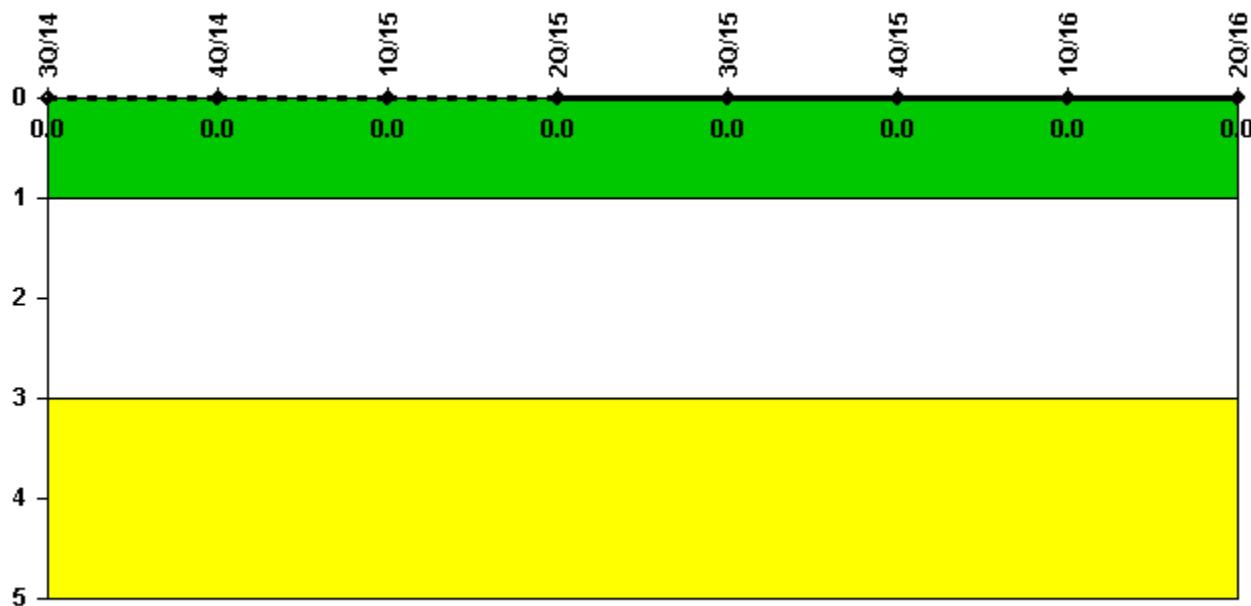
Thresholds: White > 2.0 Yellow > 5.0

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
Indicator value	0							

Licensee Comments: none

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
Indicator value	0							

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: July 25, 2016

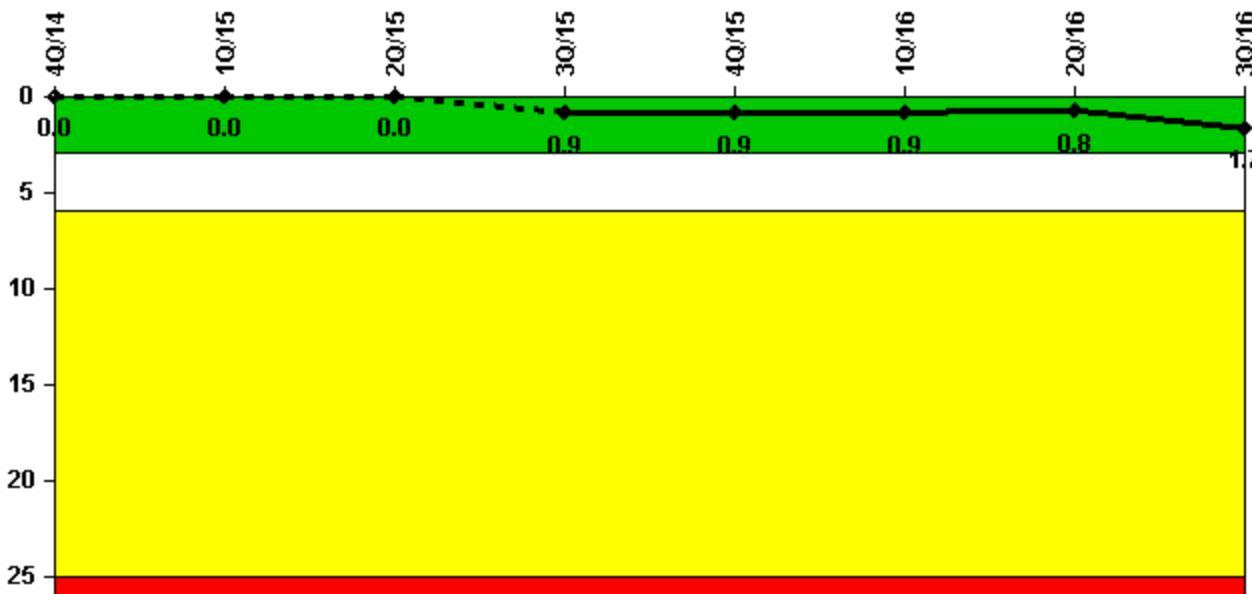
Saint Lucie 1

3Q/2016 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



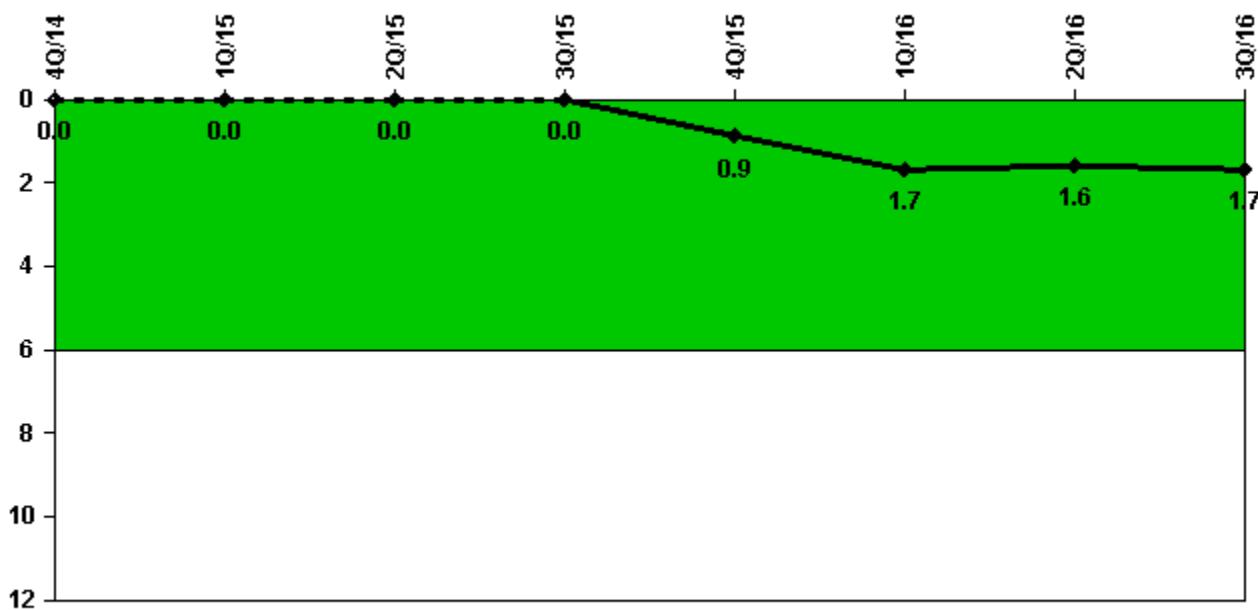
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0	2.0
Critical hours	2209.0	1943.0	1653.2	2160.6	2209.0	2183.0	2184.0	1511.8
Indicator value	0	0	0	0.9	0.9	0.9	0.8	1.7

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



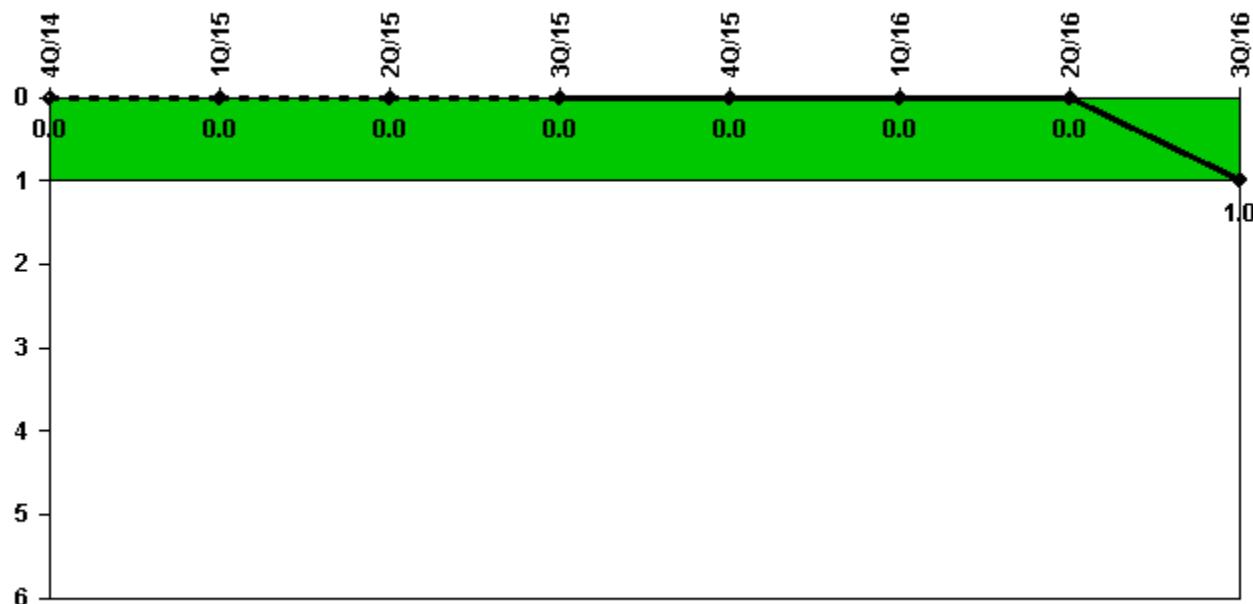
Thresholds: White > 6.0

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	1.0	1.0	0	0
Critical hours	2209.0	1943.0	1653.2	2160.6	2209.0	2183.0	2184.0	1511.8
Indicator value	0	0	0	0	0.9	1.7	1.6	1.7

Licensee Comments: none

Unplanned Scrams with Complications



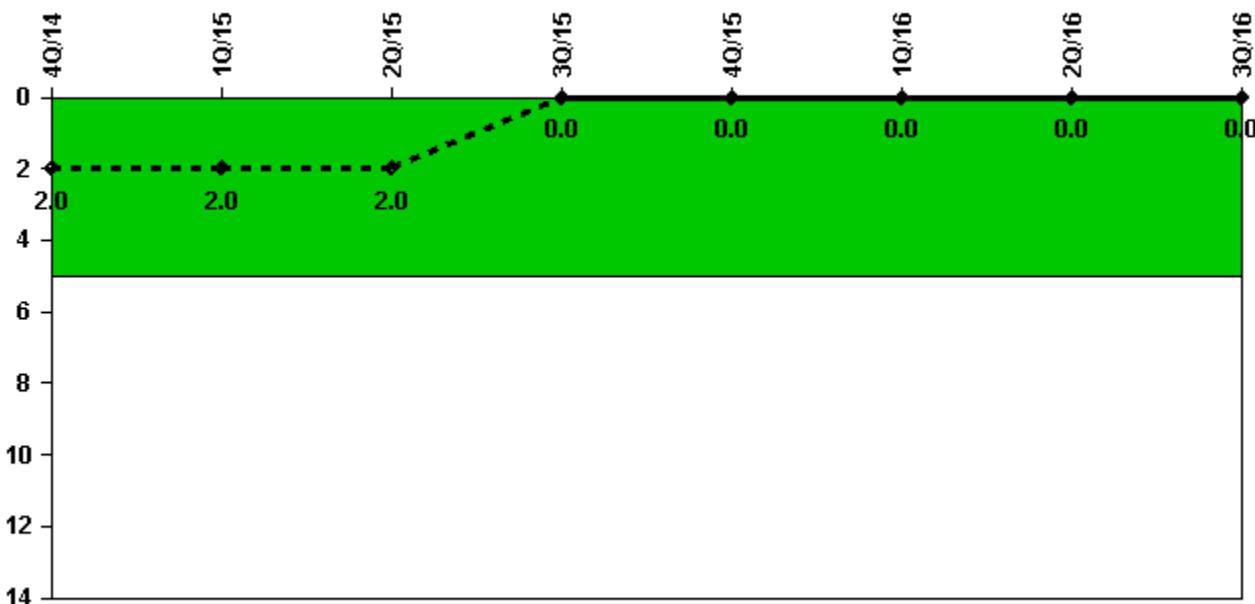
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Scrams with complications	0	0	0	0	0	0	0	1.0
Indicator value	0.0	1.0						

Licensee Comments: none

Safety System Functional Failures (PWR)



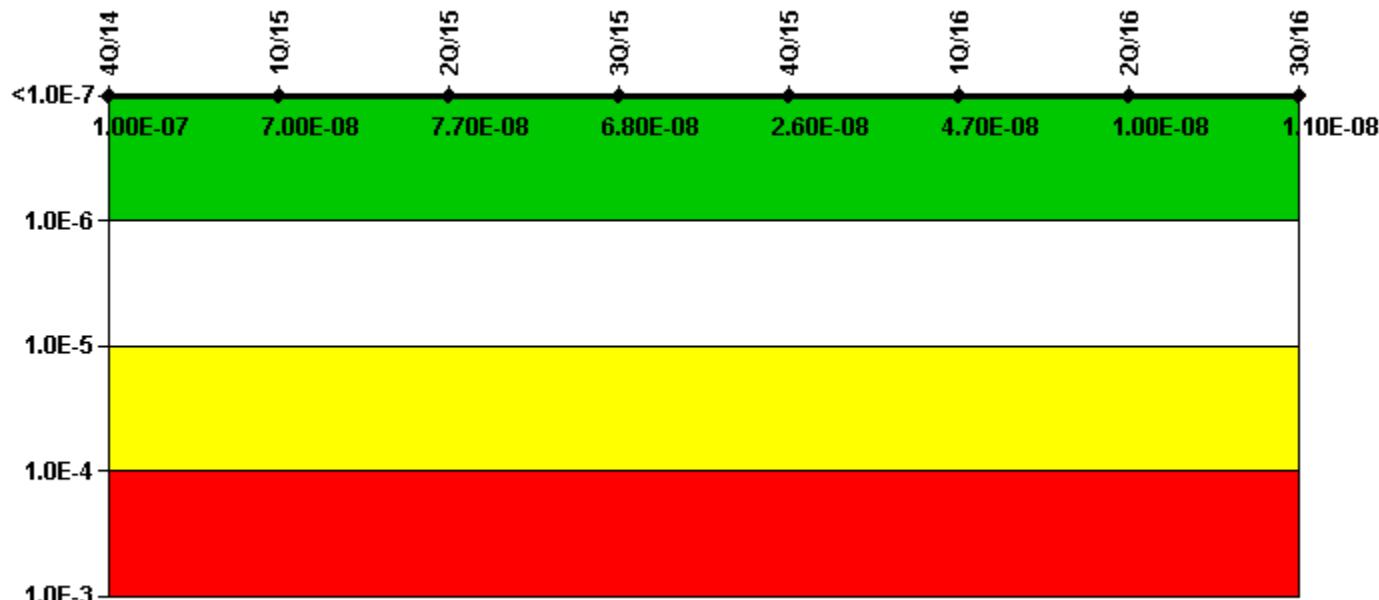
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	2	2	2	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	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
UAI (Δ CDF)	4.76E-08	5.27E-08	5.26E-08	4.36E-08	3.80E-08	5.86E-08	1.94E-08	1.99E-08
URI (Δ CDF)	5.29E-08	1.70E-08	2.40E-08	2.40E-08	-1.19E-08	-1.19E-08	-8.88E-09	-9.17E-09
PLE	NO							
Indicator value	1.00E-07	7.00E-08	7.70E-08	6.80E-08	2.60E-08	4.70E-08	1.00E-08	1.10E-08

Licensee Comments:

3Q/16: Changed PRA Parameter(s).

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model

Mitigating Systems Performance Index, High Pressure Injection System



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

Notes

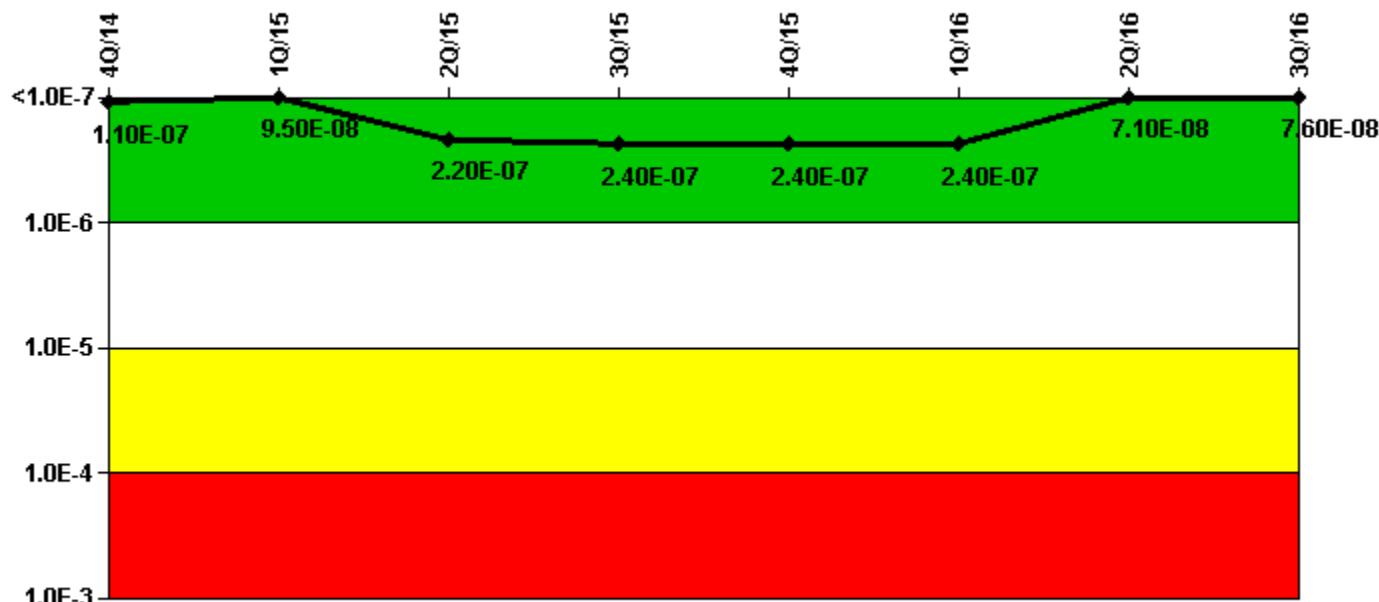
Mitigating Systems Performance Index, High Pressure Injection System	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
UAI (Δ CDF)	-3.36E-08	-3.36E-08	-3.36E-08	-3.36E-08	-3.36E-08	-3.36E-08	-3.00E-08	-3.00E-08
URI (Δ CDF)	-1.63E-07	-1.63E-07	-1.63E-07	-1.63E-07	-1.63E-07	-1.63E-07	-9.53E-08	-9.53E-08
PLE	NO							
Indicator value	-2.00E-07	-2.00E-07	-2.00E-07	-2.00E-07	-2.00E-07	-2.00E-07	-1.30E-07	-1.30E-07

Licensee Comments:

3Q/16: Changed PRA Parameter(s).

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model

Mitigating Systems Performance Index, Heat Removal System



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

Notes

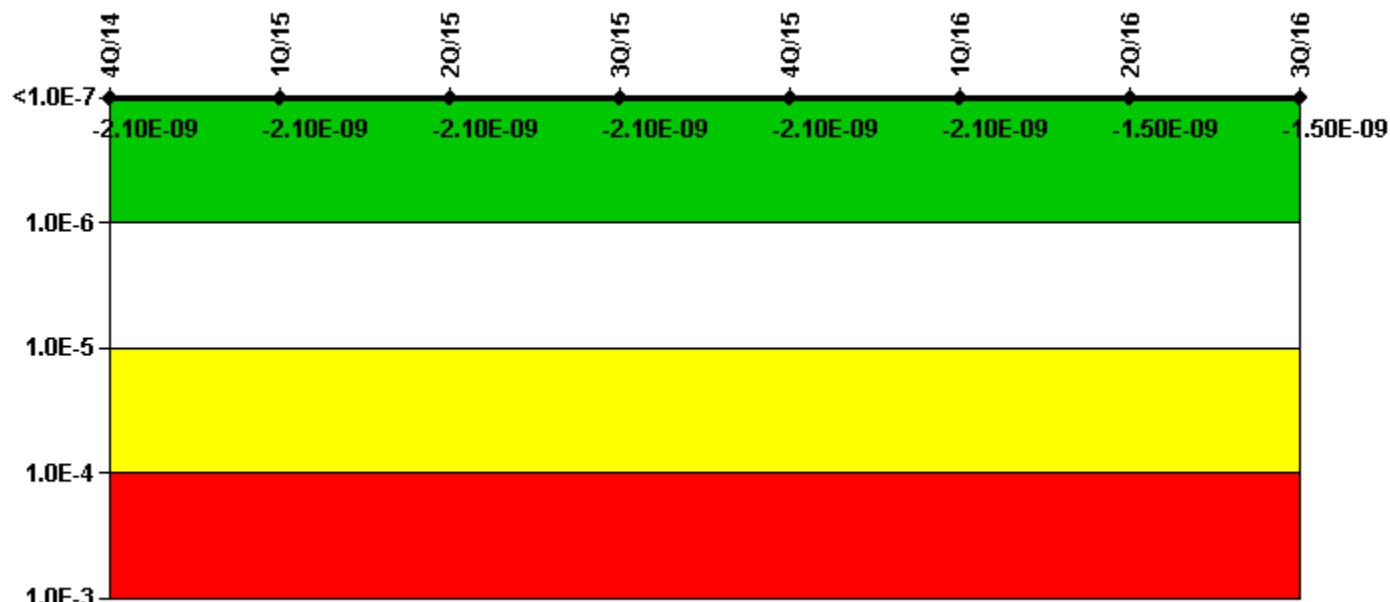
Mitigating Systems Performance Index, Heat Removal System	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
UAI (Δ CDF)	-1.29E-08	-1.31E-08	-5.18E-09	1.11E-08	1.08E-08	1.13E-08	1.56E-08	2.16E-08
URI (Δ CDF)	1.25E-07	1.09E-07	2.25E-07	2.25E-07	2.25E-07	2.25E-07	5.56E-08	5.39E-08
PLE	NO							
Indicator value	1.10E-07	9.50E-08	2.20E-07	2.40E-07	2.40E-07	2.40E-07	7.10E-08	7.60E-08

Licensee Comments:

3Q/16: Changed PRA Parameter(s).

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model

Mitigating Systems Performance Index, Residual Heat Removal System



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

Notes

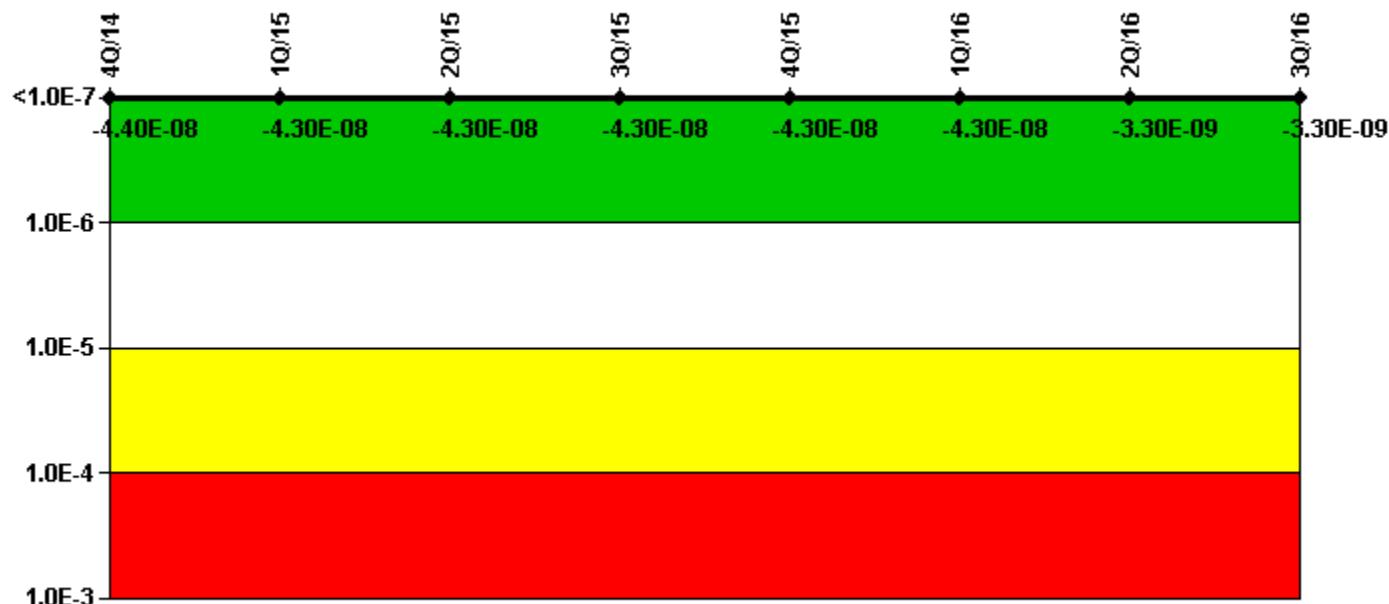
Mitigating Systems Performance Index, Residual Heat Removal System	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
UAI (Δ CDF)	-1.41E-10	-1.41E-10	-1.41E-10	-1.41E-10	-1.41E-10	-1.41E-10	-8.27E-11	-6.63E-11
URI (Δ CDF)	-1.96E-09	-1.96E-09	-1.96E-09	-1.96E-09	-1.96E-09	-1.96E-09	-1.40E-09	-1.40E-09
PLE	NO							
Indicator value	-2.10E-09	-2.10E-09	-2.10E-09	-2.10E-09	-2.10E-09	-2.10E-09	-1.50E-09	-1.50E-09

Licensee Comments:

3Q/16: Changed PRA Parameter(s).

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model

Mitigating Systems Performance Index, Cooling Water Systems



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

Notes

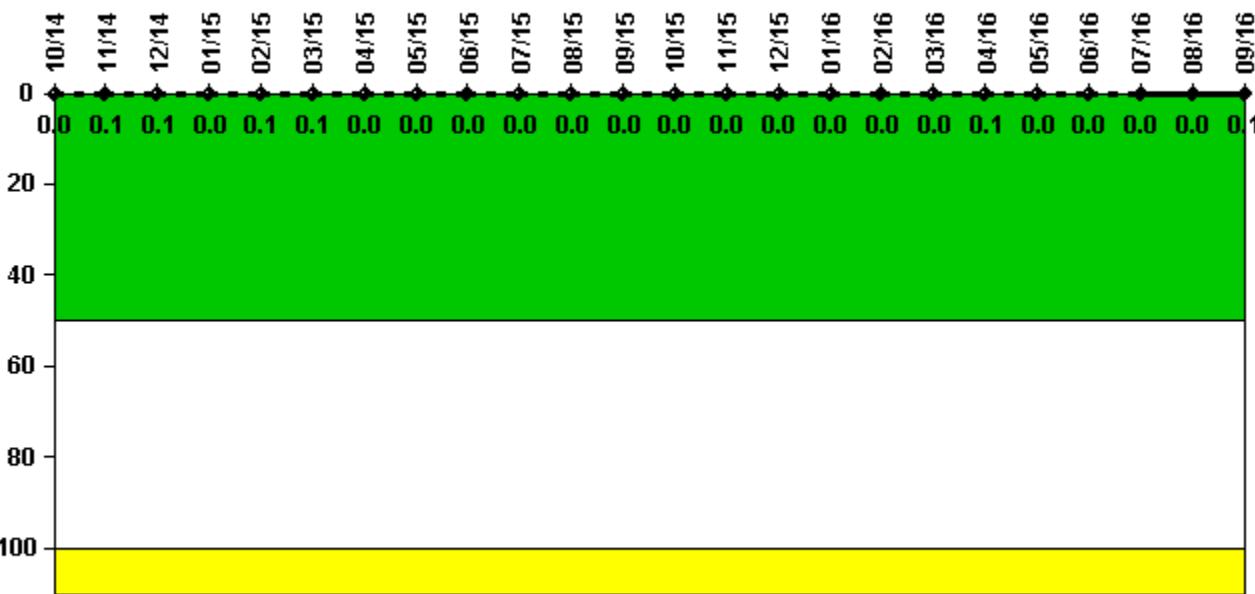
Mitigating Systems Performance Index, Cooling Water Systems	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
UAI (Δ CDF)	-3.17E-08	-3.11E-08	-3.11E-08	-3.11E-08	-3.11E-08	-3.11E-08	-2.93E-09	-2.92E-09
URI (Δ CDF)	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08	-3.38E-10	-3.38E-10
PLE	NO							
Indicator value	-4.40E-08	-4.30E-08	-4.30E-08	-4.30E-08	-4.30E-08	-4.30E-08	-3.30E-09	-3.30E-09

Licensee Comments:

3Q/16: Changed PRA Parameter(s).

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model

Reactor Coolant System Activity



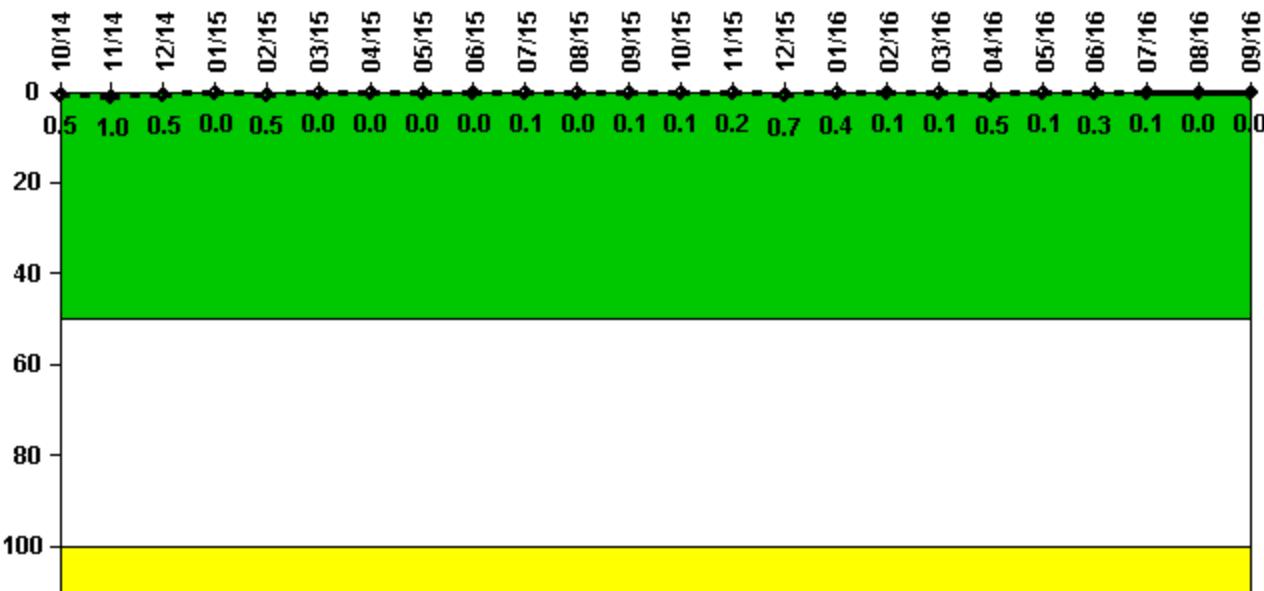
Thresholds: White > 50.0 Yellow > 100.0

Notes

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	0.000451	0.000504	0.000522	0.000415	0.000500	0.001210	0.000143	0.000268	0.000274	0.000286	0.000257	0.000342
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0.1	0.1	0	0.1	0.1	0	0	0	0	0	0
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	0.000351	0.000319	0.000354	0.000357	0.000360	0.000373	0.000640	0.000390	0.000381	0.000420	0.000357	0.000529
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0.1	0	0	0	0	0.1

Licensee Comments: none

Reactor Coolant System Leakage



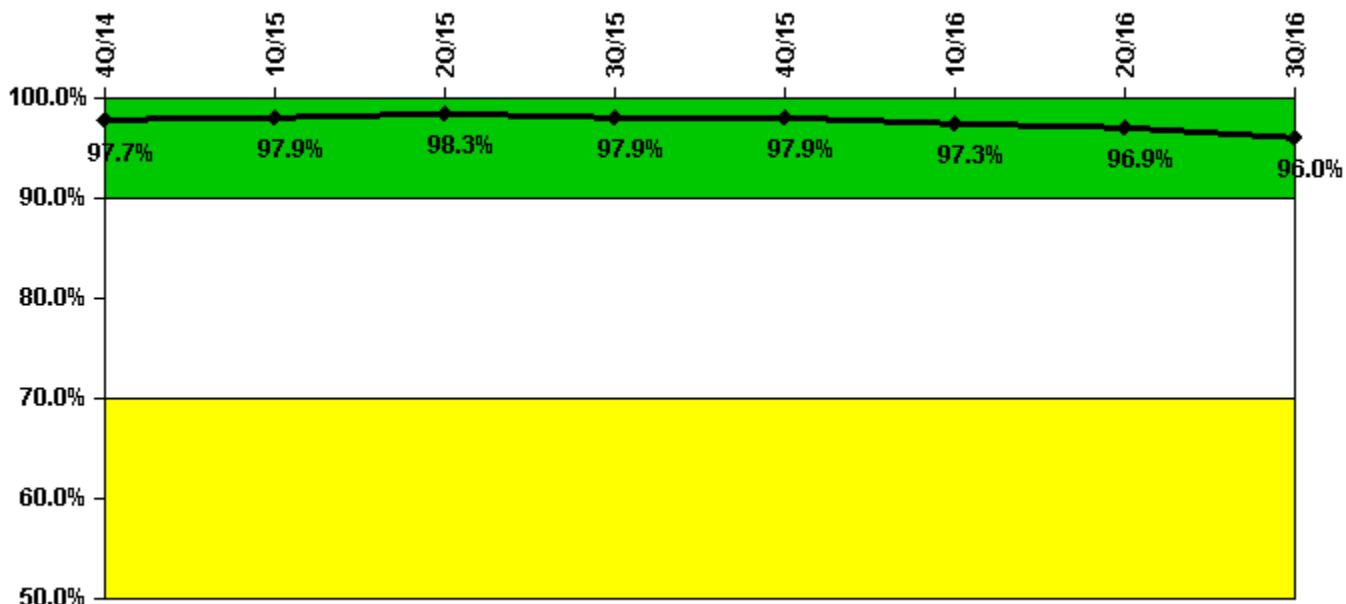
Thresholds: White > 50.0 Yellow > 100.0

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	0.045	0.095	0.053	0.001	0.052	0	0	0	0	0.009	0.002	0.013
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	1.0	0.5	0	0.5	0	0	0	0	0.1	0	0.1
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	0.011	0.022	0.068	0.036	0.013	0.011	0.050	0.009	0.029	0.011	0.001	0.002
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.2	0.7	0.4	0.1	0.1	0.5	0.1	0.3	0.1	0	0

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

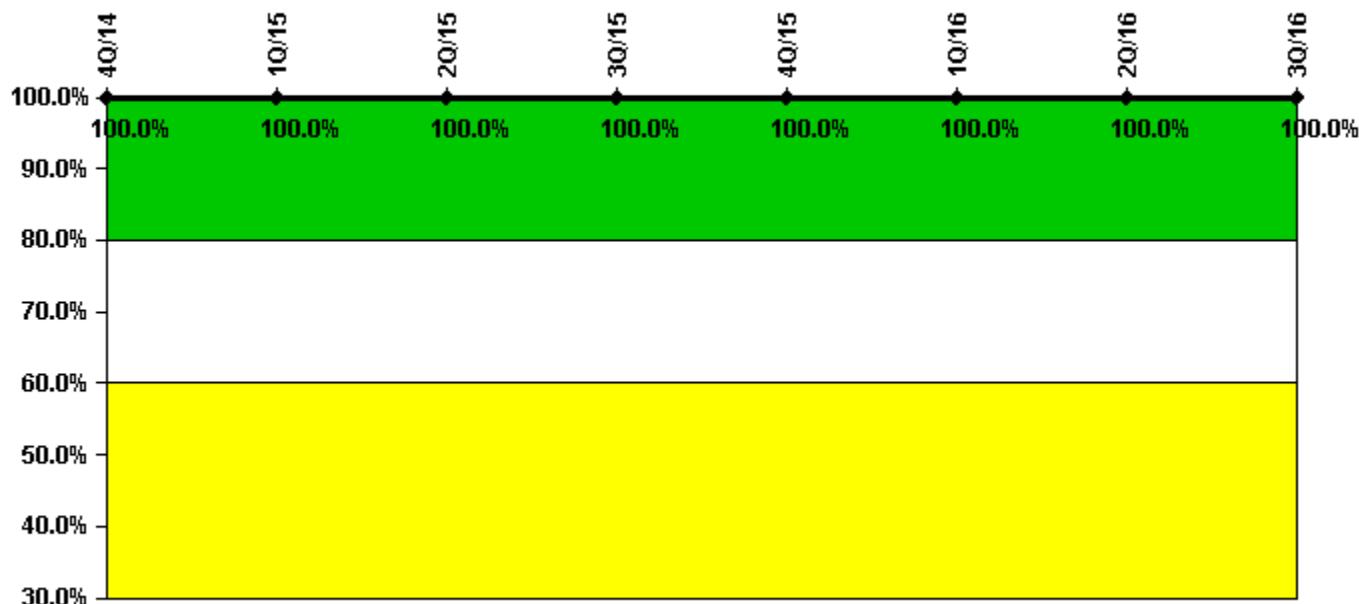
Notes

Drill/Exercise Performance	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Successful opportunities	29.0	31.0	31.0	20.0	24.0	17.0	17.0	25.0
Total opportunities	29.0	33.0	31.0	22.0	25.0	18.0	17.0	27.0
Indicator value	97.7%	97.9%	98.3%	97.9%	97.9%	97.3%	96.9%	96.0%

Licensee Comments:

3Q/16: One drill/exercise opportunity currently under evaluation but conservatively reported as a failed opportunity. Pending final resolution this PI may change.

ERO Drill Participation



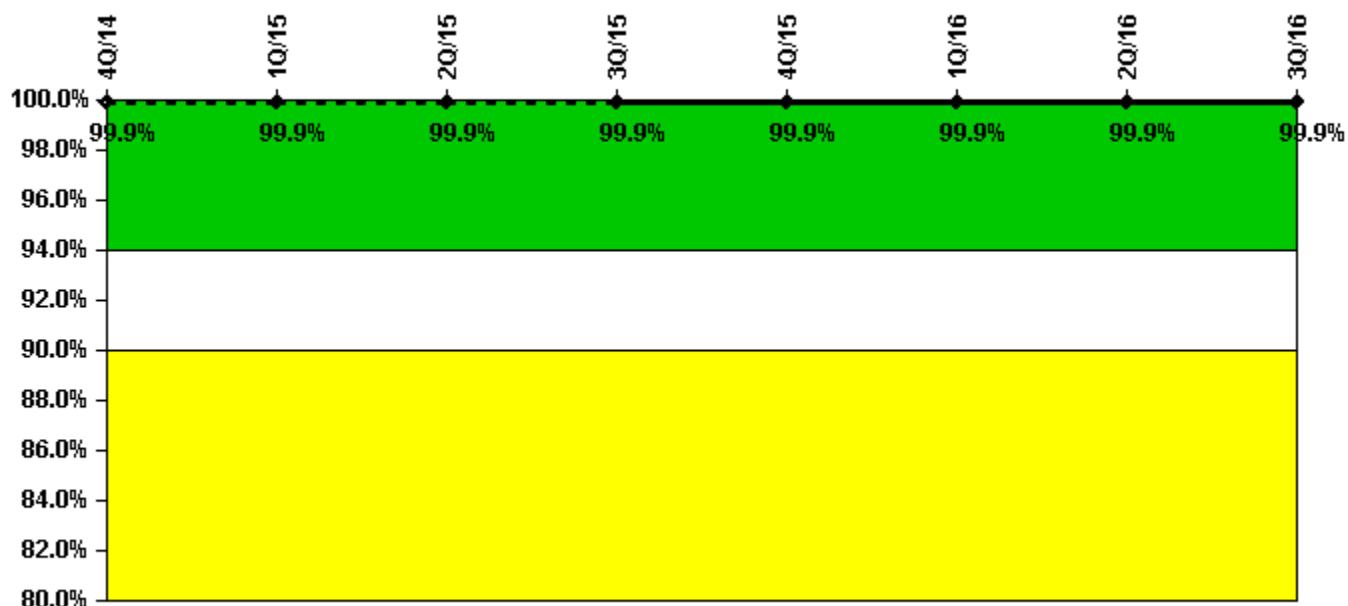
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Participating Key personnel	110.0	94.0	79.0	76.0	76.0	83.0	83.0	79.0
Total Key personnel	110.0	94.0	79.0	76.0	76.0	83.0	83.0	79.0
Indicator value	100.0%							

Licensee Comments: none

Alert & Notification System



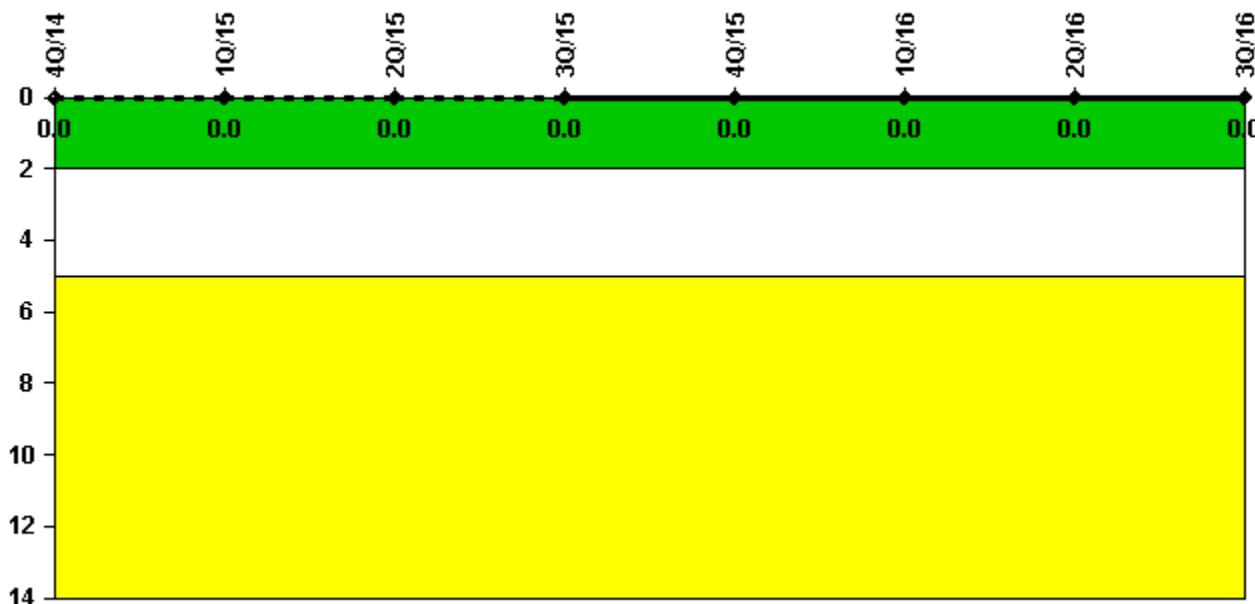
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Successful siren-tests	718	630	720	719	629	630	629	720
Total sirens-tests	720	630	720	720	630	630	630	720
Indicator value	99.9%							

Licensee Comments: none

Occupational Exposure Control Effectiveness



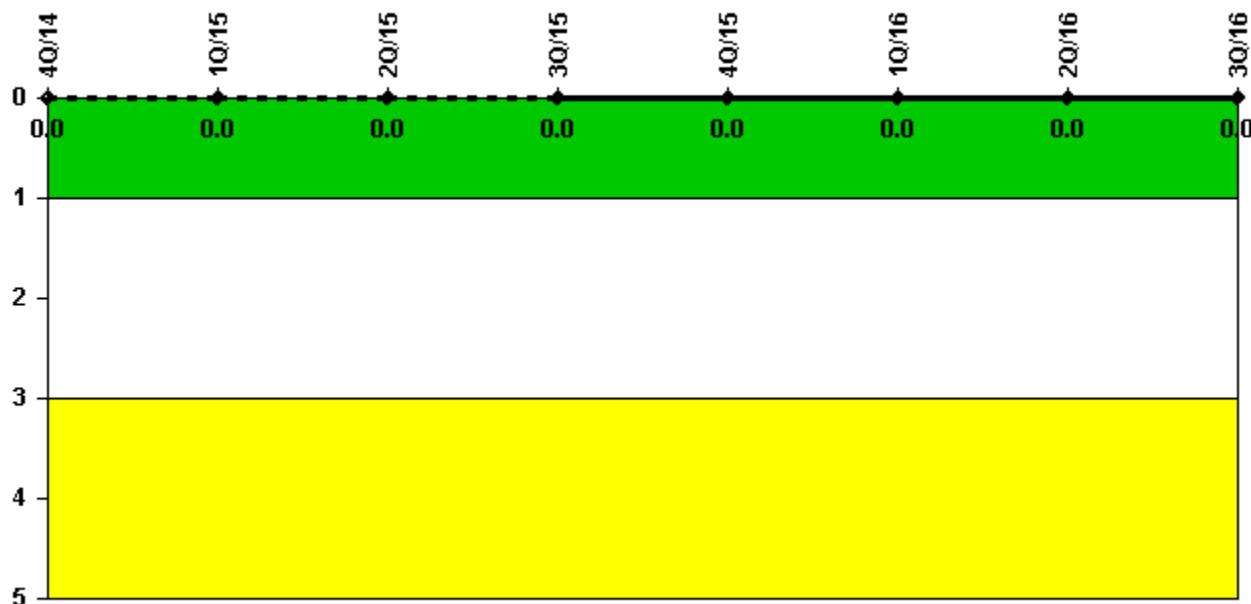
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/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
Indicator value	0							

Licensee Comments: none

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	0							

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

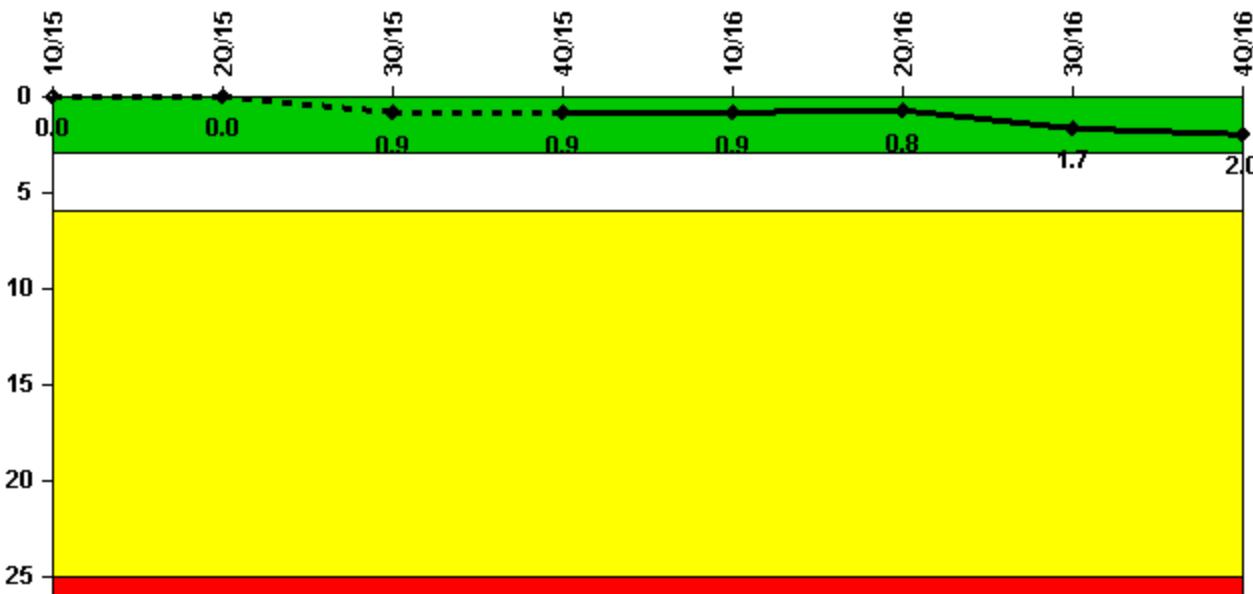
Saint Lucie 1

4Q/2016 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



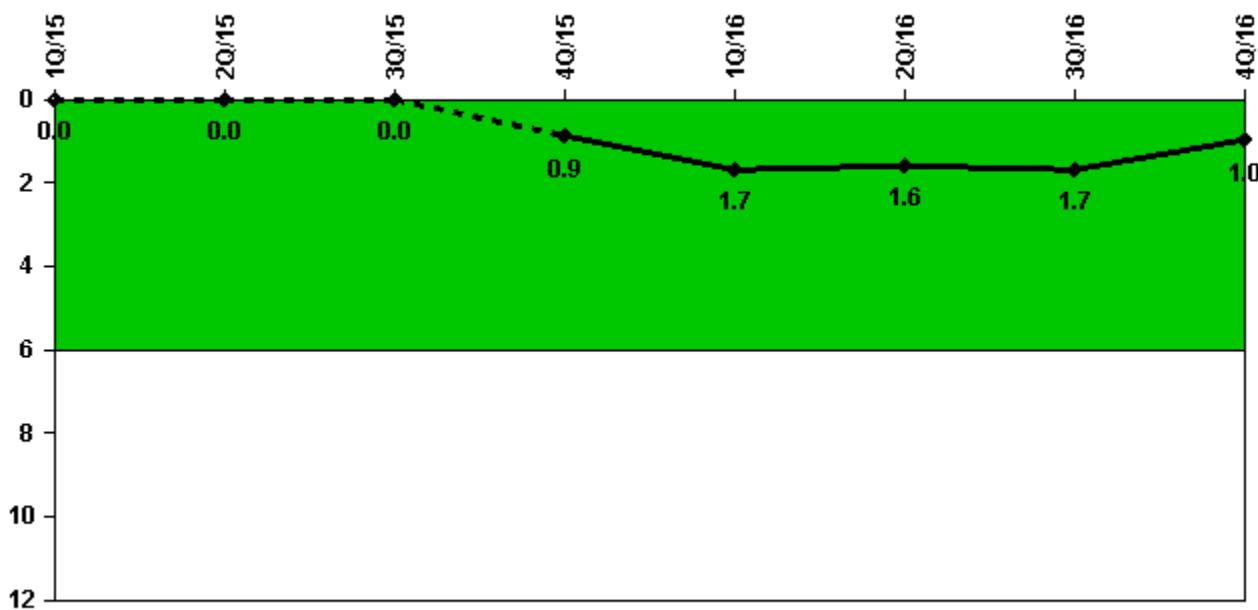
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0	2.0	0
Critical hours	1943.0	1653.2	2160.6	2209.0	2183.0	2184.0	1511.8	1291.1
Indicator value	0	0	0.9	0.9	0.9	0.8	1.7	2.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



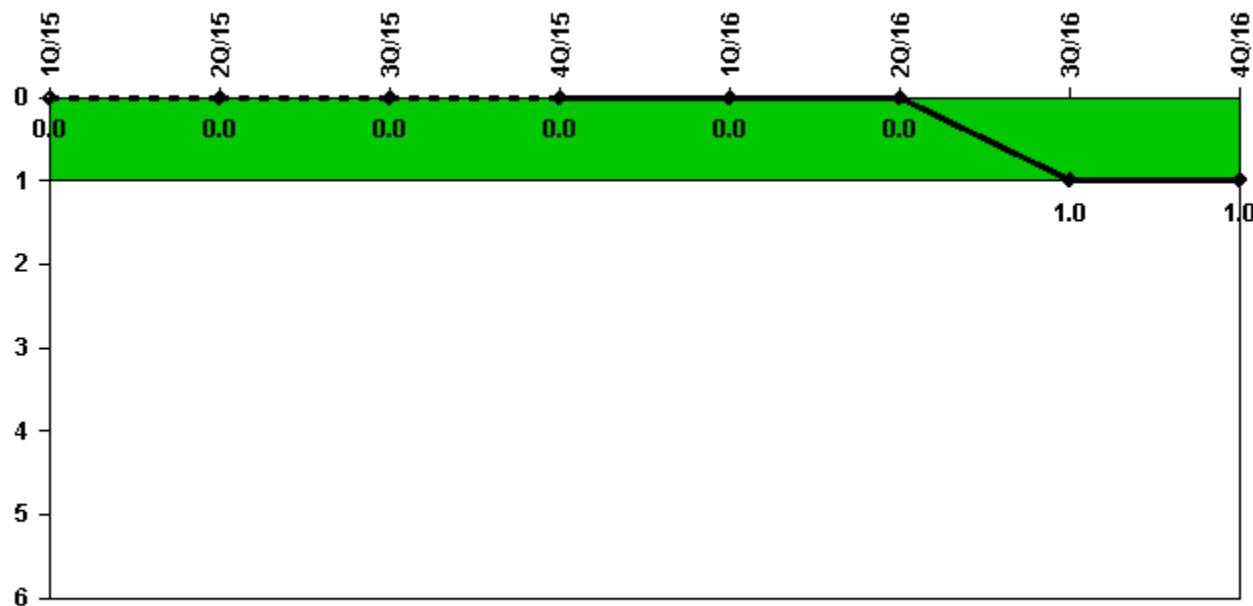
Thresholds: White > 6.0

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	1.0	1.0	0	0	0
Critical hours	1943.0	1653.2	2160.6	2209.0	2183.0	2184.0	1511.8	1291.1
Indicator value	0	0	0	0.9	1.7	1.6	1.7	1.0

Licensee Comments: none

Unplanned Scrams with Complications



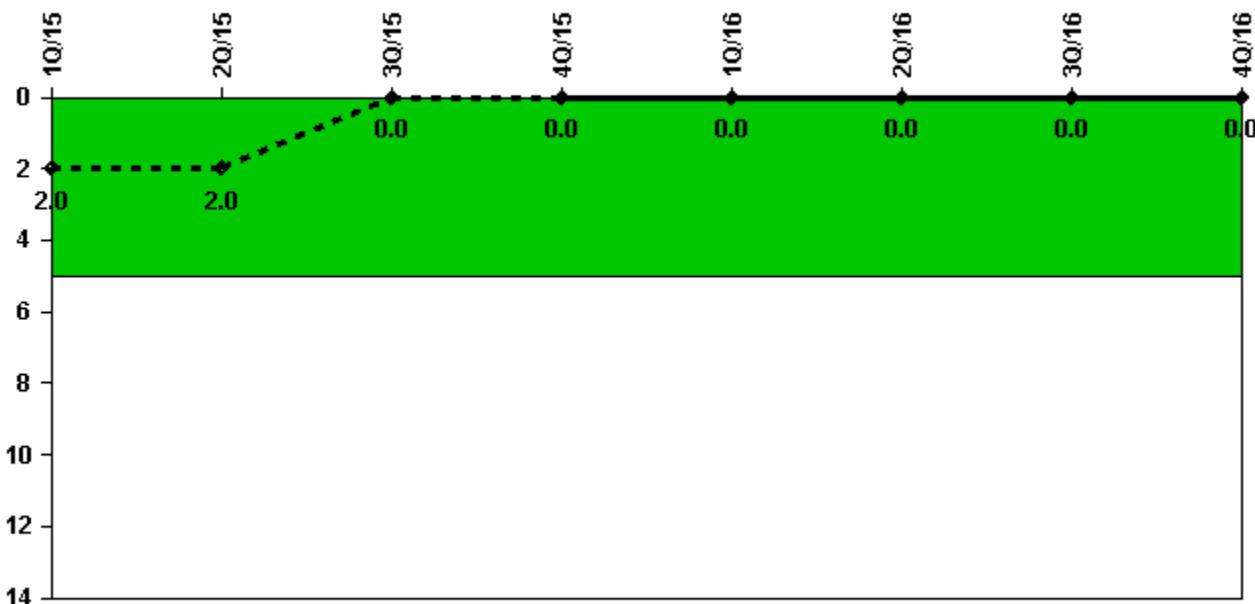
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Scrams with complications	0	0	0	0	0	0	1.0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0

Licensee Comments: none

Safety System Functional Failures (PWR)



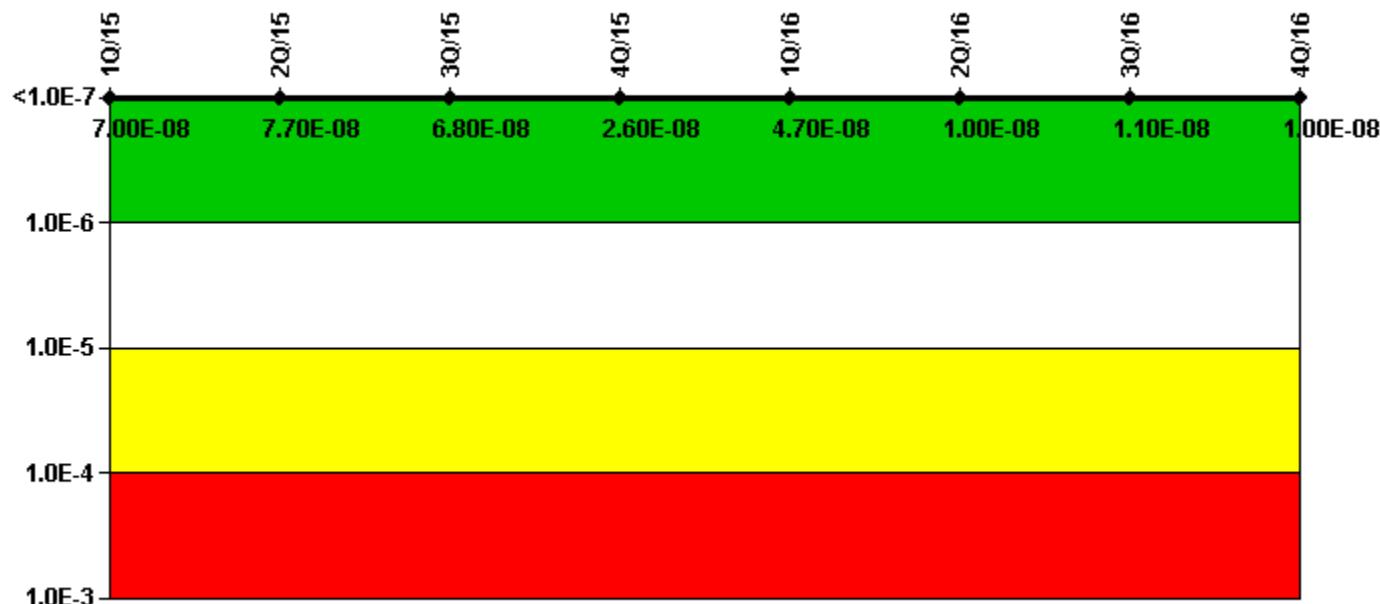
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	2	2	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

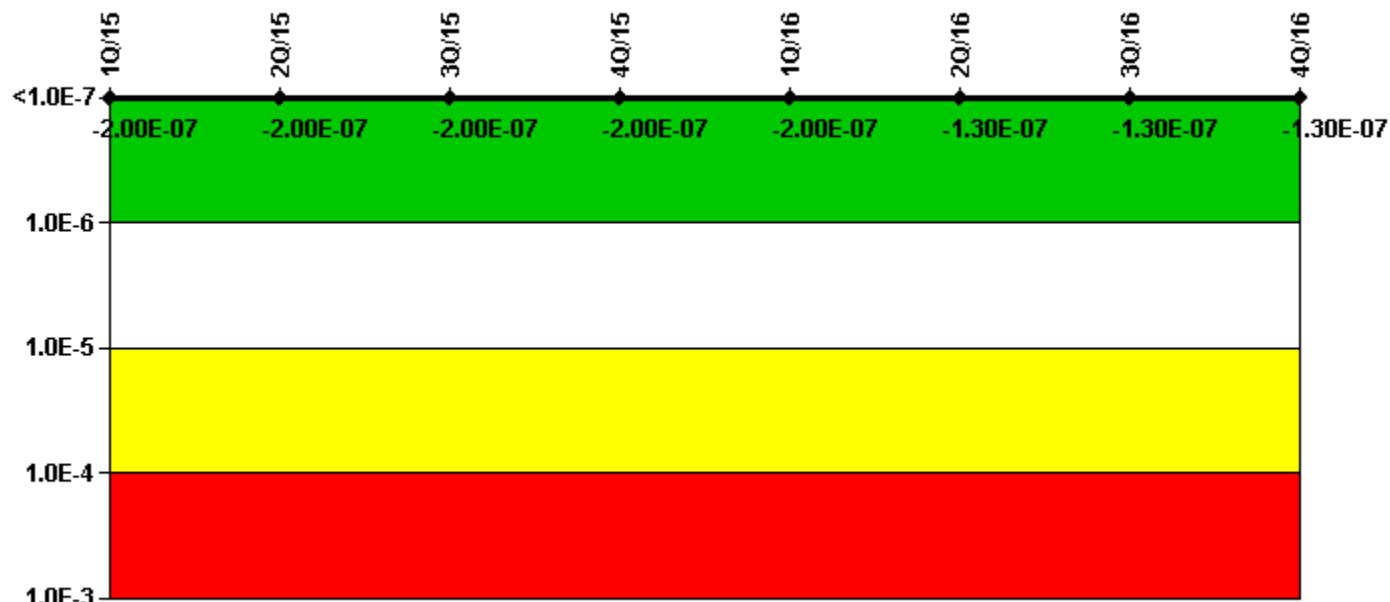
Mitigating Systems Performance Index, Emergency AC Power System	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
UAI (Δ CDF)	5.27E-08	5.26E-08	4.36E-08	3.80E-08	5.86E-08	1.94E-08	1.99E-08	1.96E-08
URI (Δ CDF)		1.70E-08	2.40E-08	2.40E-08	-1.19E-08	-1.19E-08	-8.88E-09	-9.17E-09
PLE	NO							
Indicator value	7.00E-08	7.70E-08	6.80E-08	2.60E-08	4.70E-08	1.00E-08	1.10E-08	1.00E-08

Licensee Comments:

3Q/16: Changed PRA Parameter(s).

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model

Mitigating Systems Performance Index, High Pressure Injection System



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

Notes

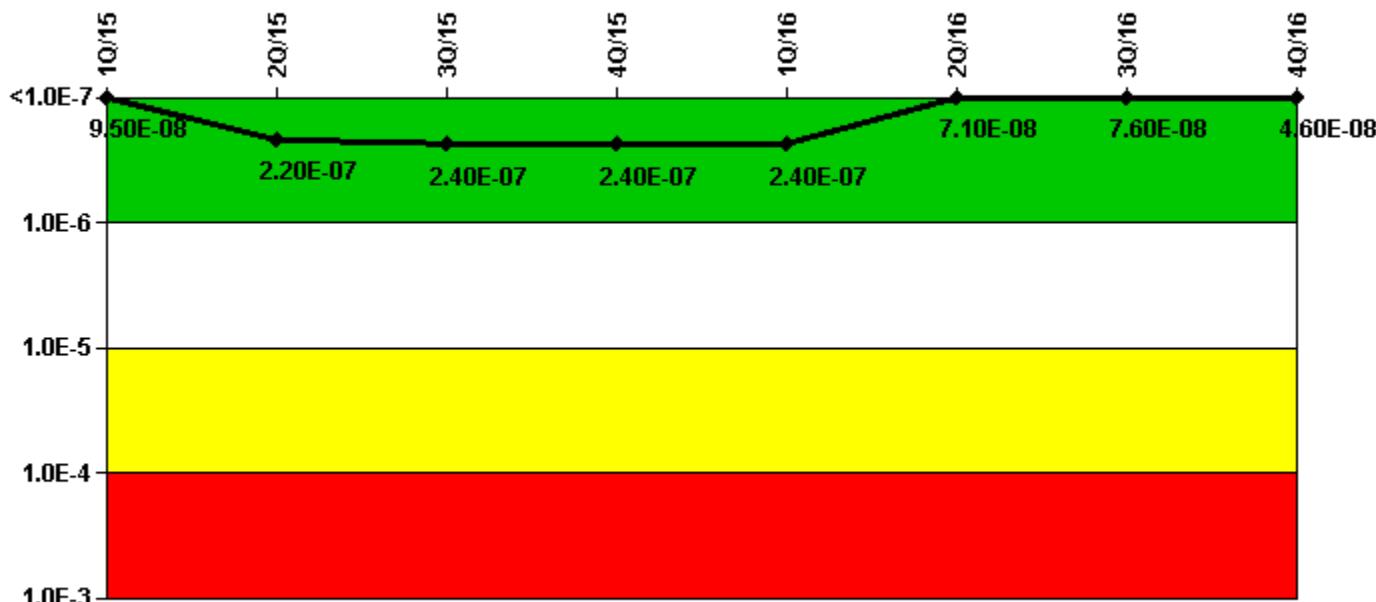
Mitigating Systems Performance Index, High Pressure Injection System	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
UAI (Δ CDF)	-3.36E-08	-3.36E-08	-3.36E-08	-3.36E-08	-3.36E-08	-3.00E-08	-3.00E-08	-3.00E-08
URI (Δ CDF)	-1.63E-07	-1.63E-07	-1.63E-07	-1.63E-07	-1.63E-07	-9.53E-08	-9.53E-08	-9.53E-08
PLE	NO							
Indicator value	-2.00E-07	-2.00E-07	-2.00E-07	-2.00E-07	-2.00E-07	-1.30E-07	-1.30E-07	-1.30E-07

Licensee Comments:

3Q/16: Changed PRA Parameter(s).

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model

Mitigating Systems Performance Index, Heat Removal System



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

Notes

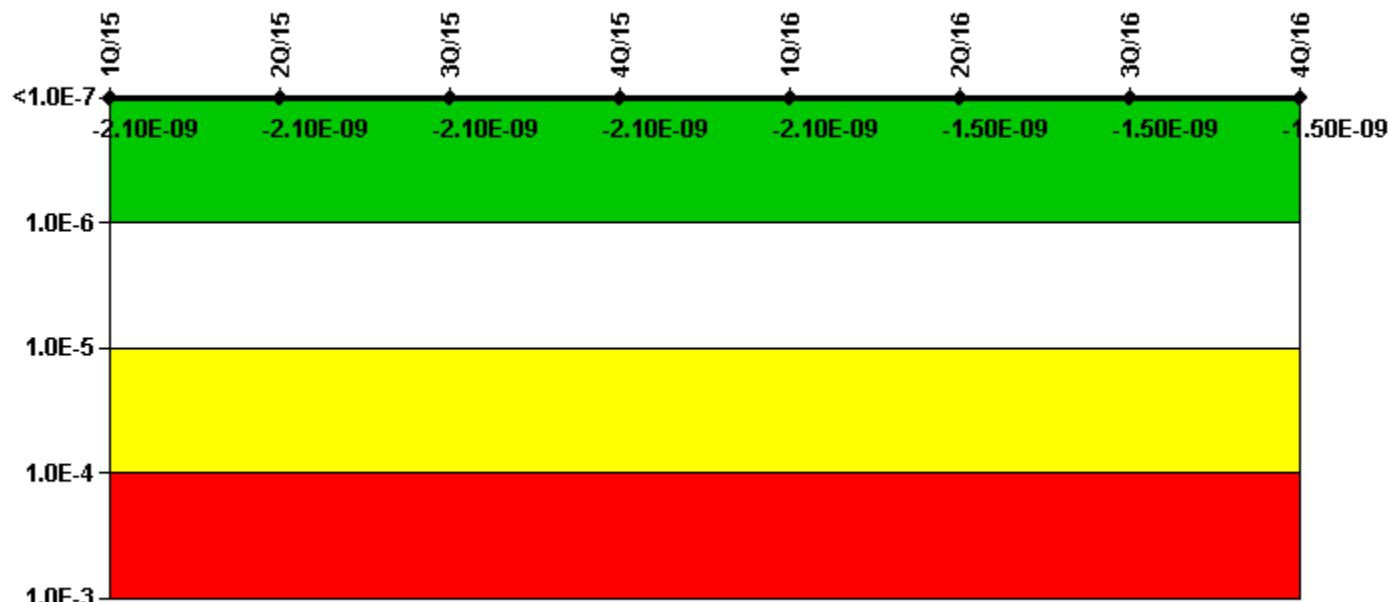
Mitigating Systems Performance Index, Heat Removal System	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
UAI (Δ CDF)	-1.31E-08	-5.18E-09	1.11E-08	1.08E-08	1.13E-08	1.56E-08	2.16E-08	1.58E-08
URI (Δ CDF)	1.09E-07	2.25E-07	2.25E-07	2.25E-07	2.25E-07	5.56E-08	5.39E-08	3.00E-08
PLE	NO							
Indicator value	9.50E-08	2.20E-07	2.40E-07	2.40E-07	2.40E-07	7.10E-08	7.60E-08	4.60E-08

Licensee Comments:

3Q/16: Changed PRA Parameter(s).

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model

Mitigating Systems Performance Index, Residual Heat Removal System



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

Notes

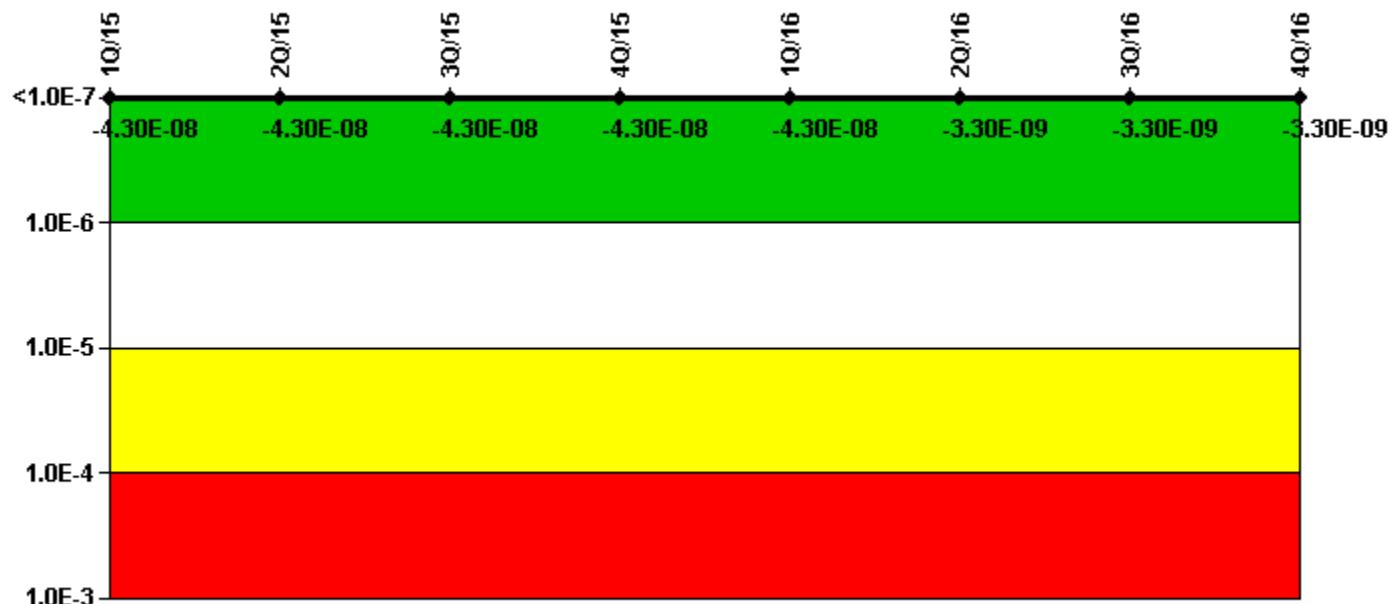
Mitigating Systems Performance Index, Residual Heat Removal System	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
UAI (Δ CDF)	-1.41E-10	-1.41E-10	-1.41E-10	-1.41E-10	-1.41E-10	-8.27E-11	-6.63E-11	-6.64E-11
URI (Δ CDF)	-1.96E-09	-1.96E-09	-1.96E-09	-1.96E-09	-1.96E-09	-1.40E-09	-1.40E-09	-1.40E-09
PLE	NO							
Indicator value	-2.10E-09	-2.10E-09	-2.10E-09	-2.10E-09	-2.10E-09	-1.50E-09	-1.50E-09	-1.50E-09

Licensee Comments:

3Q/16: Changed PRA Parameter(s).

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model

Mitigating Systems Performance Index, Cooling Water Systems



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

Notes

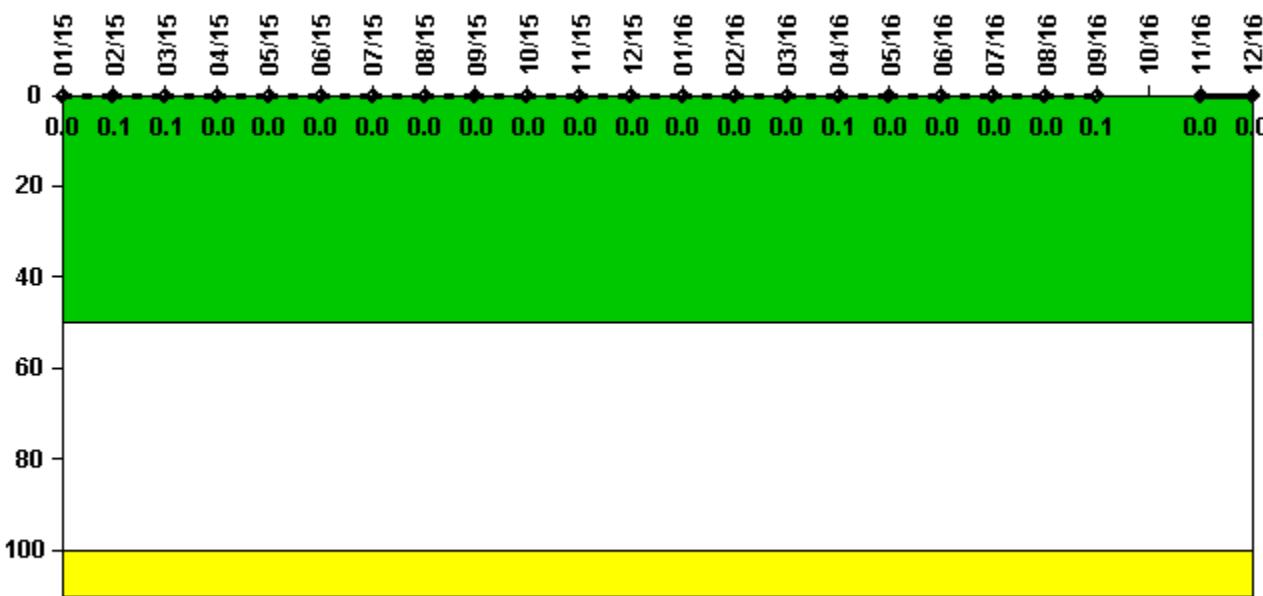
Mitigating Systems Performance Index, Cooling Water Systems	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
UAI (Δ CDF)	-3.11E-08	-3.11E-08	-3.11E-08	-3.11E-08	-3.11E-08	-2.93E-09	-2.92E-09	-2.92E-09
URI (Δ CDF)	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08	-3.38E-10	-3.38E-10	-3.38E-10
PLE	NO							
Indicator value	-4.30E-08	-4.30E-08	-4.30E-08	-4.30E-08	-4.30E-08	-3.30E-09	-3.30E-09	-3.30E-09

Licensee Comments:

3Q/16: Changed PRA Parameter(s).

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model

Reactor Coolant System Activity



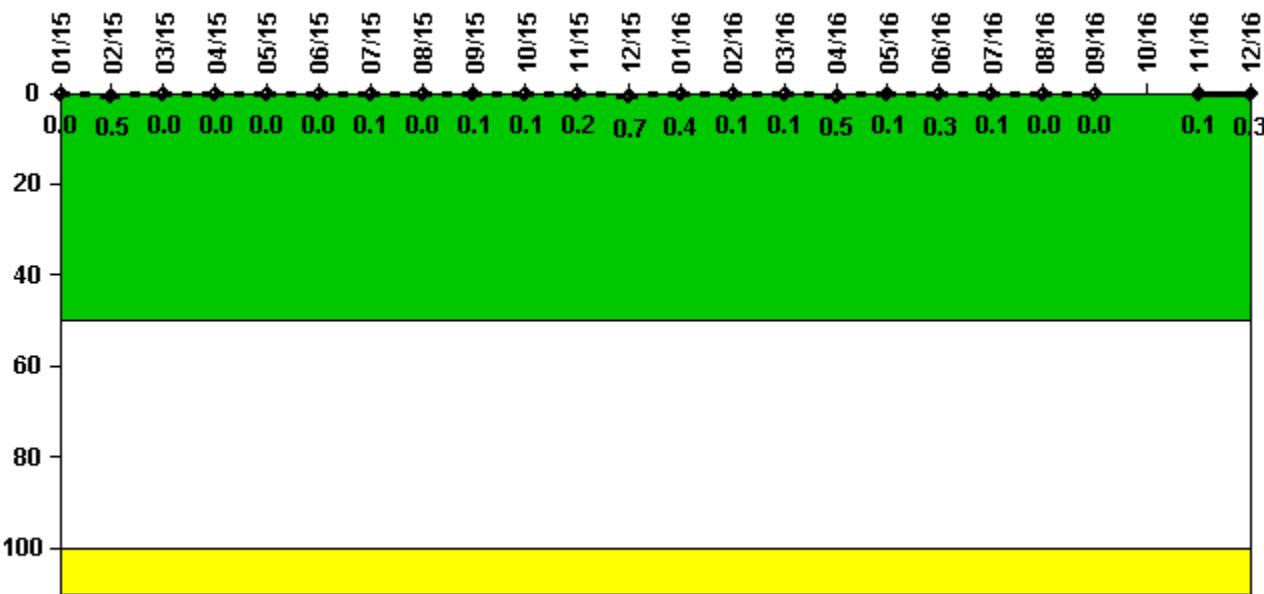
Thresholds: White > 50.0 Yellow > 100.0

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	0.000415	0.000500	0.001210	0.000143	0.000268	0.000274	0.000286	0.000257	0.000342	0.000351	0.000319	0.000354
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0.1	0.1	0	0	0	0	0	0	0	0	0
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	0.000357	0.000360	0.000373	0.000640	0.000390	0.000381	0.000420	0.000357	0.000529	N/A	0.000214	0.000228
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0.1	0	0	0	0	0.1	N/A	0	0

Licensee Comments: none

Reactor Coolant System Leakage



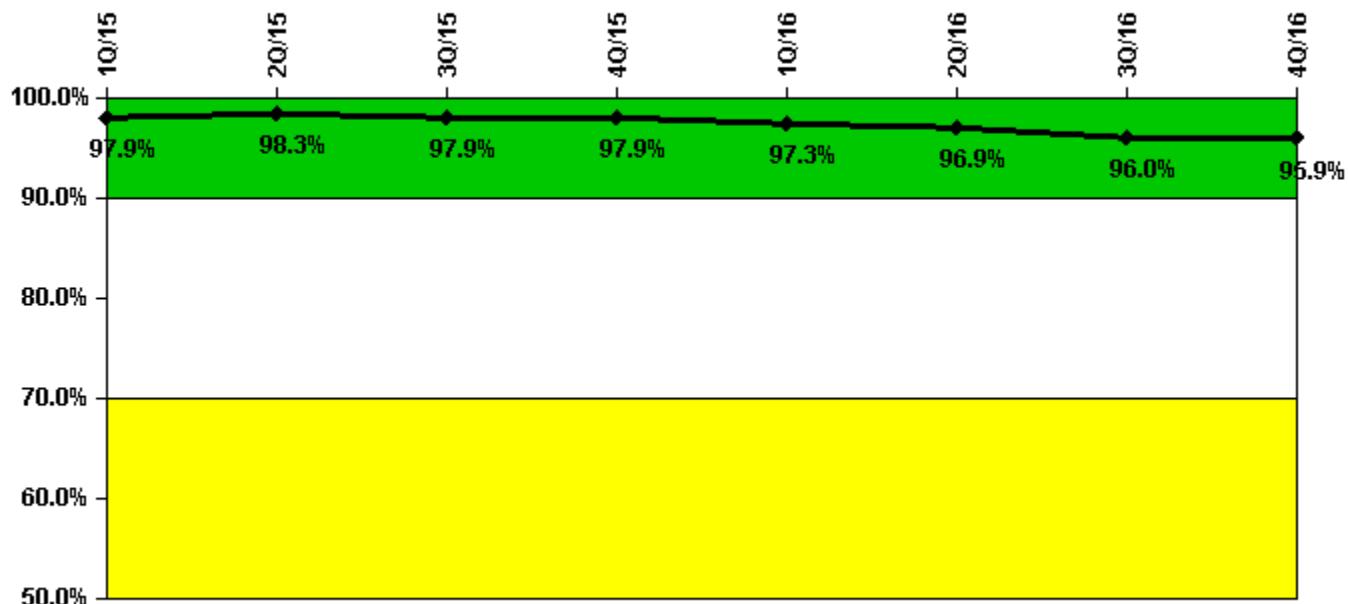
Thresholds: White > 50.0 Yellow > 100.0

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	0.001	0.052	0	0	0	0	0.009	0.002	0.013	0.011	0.022	0.068
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0.5	0	0	0	0	0.1	0	0.1	0.1	0.2	0.7
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	0.036	0.013	0.011	0.050	0.009	0.029	0.011	0.001	0.002	N/A	0.005	0.027
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.1	0.1	0.5	0.1	0.3	0.1	0	0	N/A	0.1	0.3

Licensee Comments: none

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	31.0	31.0	20.0	24.0	17.0	17.0	25.0	24.0
Total opportunities	33.0	31.0	22.0	25.0	18.0	17.0	27.0	24.0
Indicator value	97.9%	98.3%	97.9%	97.9%	97.3%	96.9%	96.0%	95.9%

Licensee Comments:

3Q/16: One drill/exercise opportunity currently under evaluation but conservatively reported as a failed opportunity. Pending final resolution this PI may change.

ERO Drill Participation



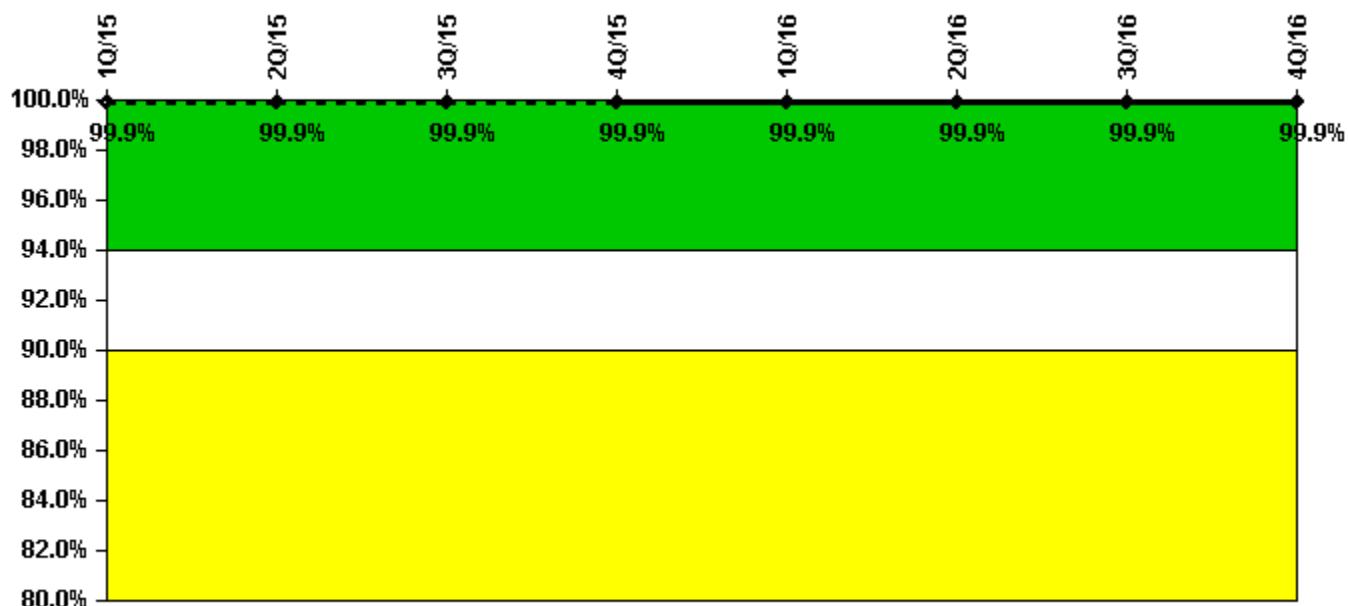
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Participating Key personnel	94.0	79.0	76.0	76.0	83.0	83.0	79.0	86.0
Total Key personnel	94.0	79.0	76.0	76.0	83.0	83.0	79.0	87.0
Indicator value	100.0%	98.9%						

Licensee Comments: none

Alert & Notification System



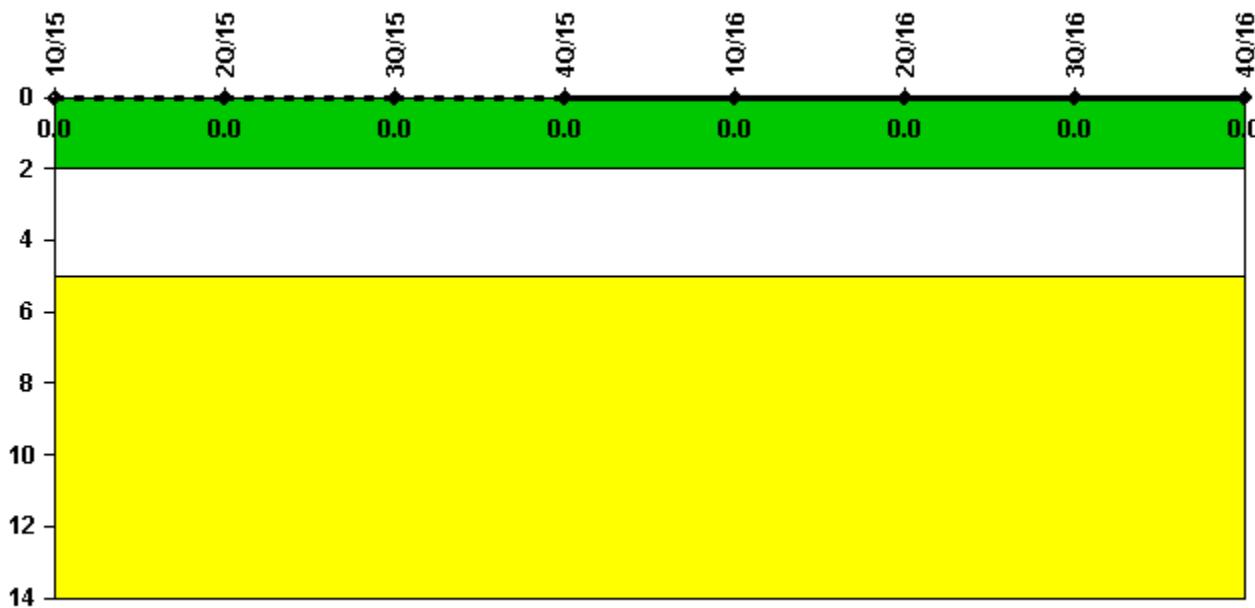
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Successful siren-tests	630	720	719	629	630	629	720	629
Total sirens-tests	630	720	720	630	630	630	720	630
Indicator value	99.9%							

Licensee Comments: none

Occupational Exposure Control Effectiveness



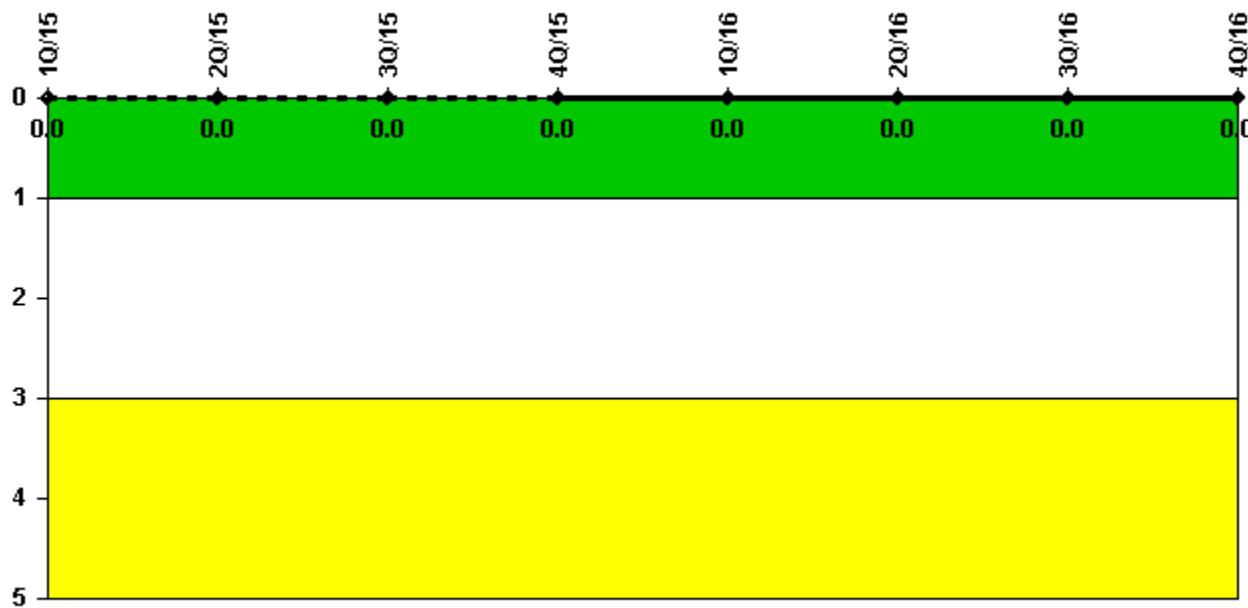
Thresholds: White > 2.0 Yellow > 5.0

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
Indicator value	0							

Licensee Comments: none

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
Indicator value	0							

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: January 24, 2017



Home > Nuclear Reactors > Operating Reactors > Reactor Oversight Process > Plant Summaries > Saint Lucie 1 > Quarterly Performance Indicators

Saint Lucie 1 – Quarterly Performance Indicators

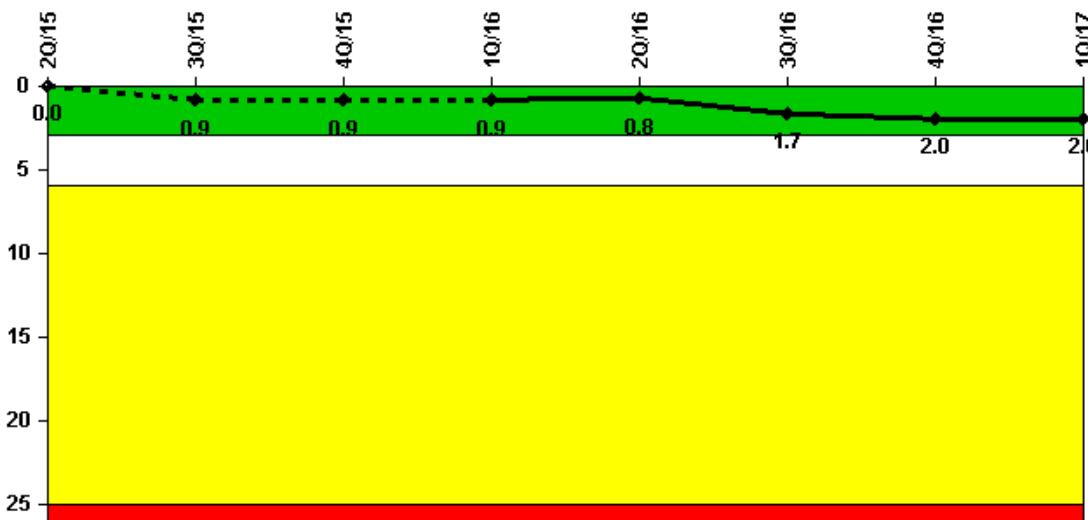
1Q/2017 Performance Indicators

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

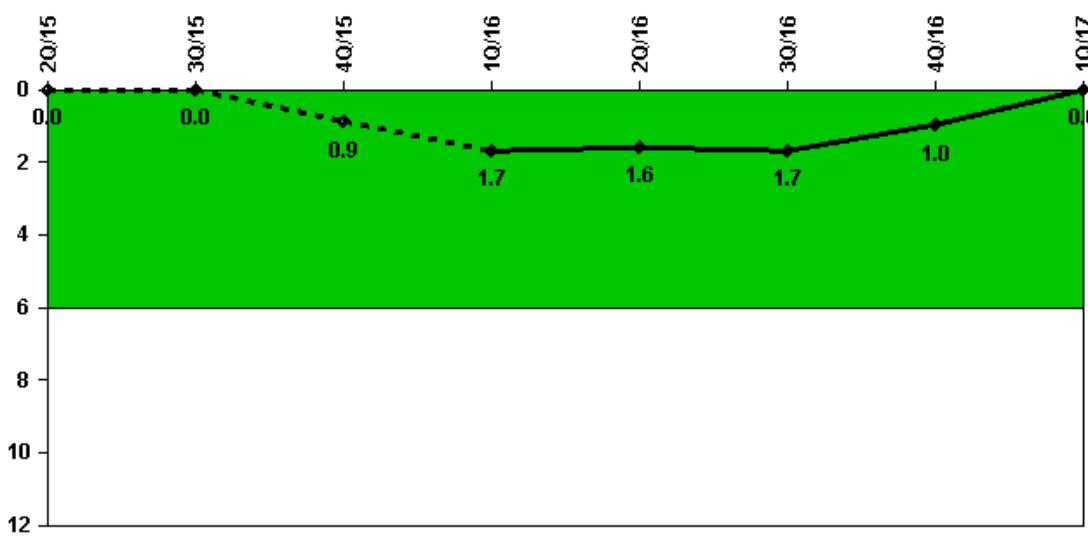
Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Unplanned scrams	0	1.0	0	0	0	2.0	0	0
Critical hours	1653.2	2160.6	2209.0	2183.0	2184.0	1511.8	1291.1	1989.9

Indicator value 0 0.9 0.9 0.9 0.8 1.7 2.0 2.0



Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

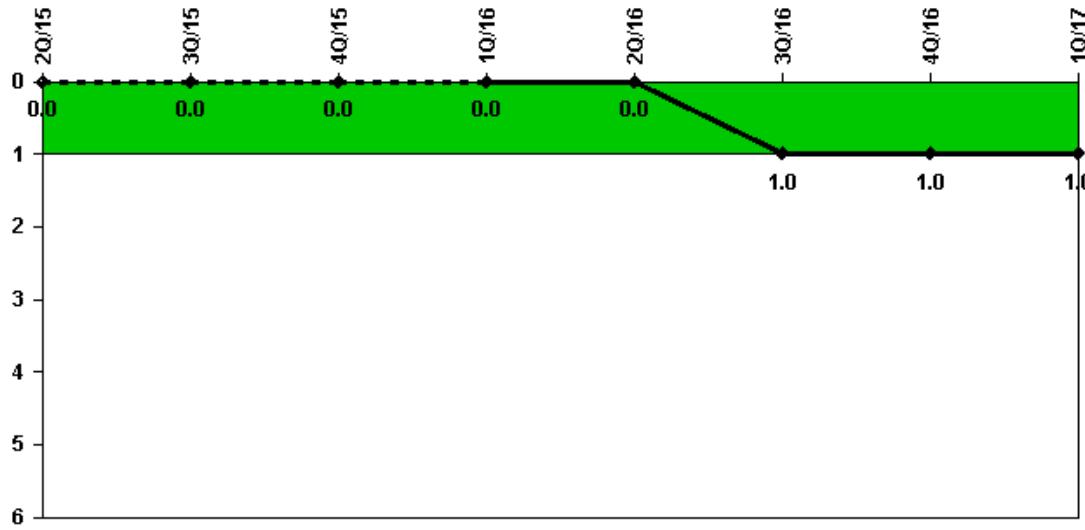
Notes

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	1.0	1.0	0	0	0	0
Critical hours	1653.2	2160.6	2209.0	2183.0	2184.0	1511.8	1291.1	1989.9

Indicator value 0 0 0.9 1.7 1.6 1.7 1.0 0

 TOP

Licensee Comments: none

Unplanned Scrams with Complications

Thresholds: White > 1.0

Notes

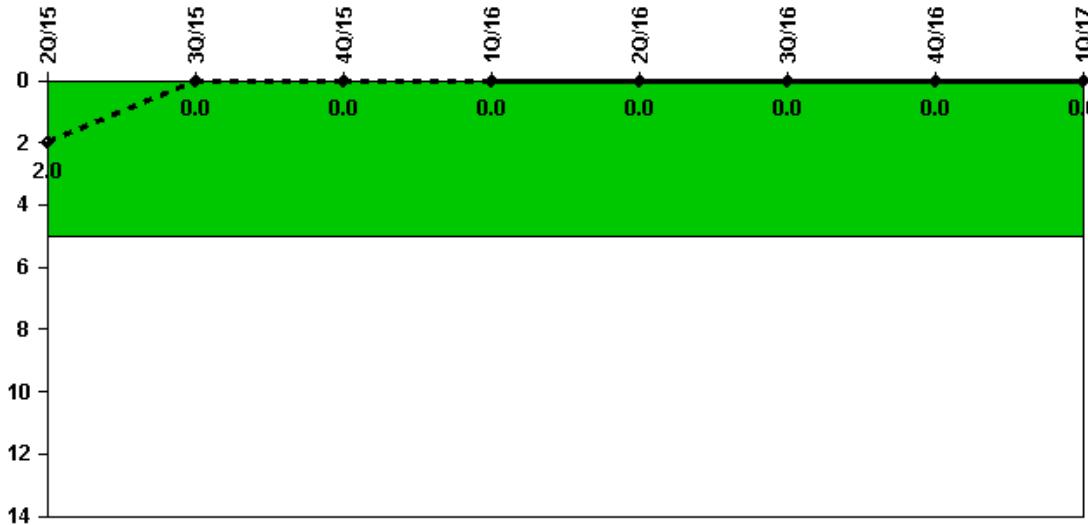
Unplanned Scrams with Complications	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Scrams with complications	0	0	0	0	0	1.0	0	0

Indicator value 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0

 TOP

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

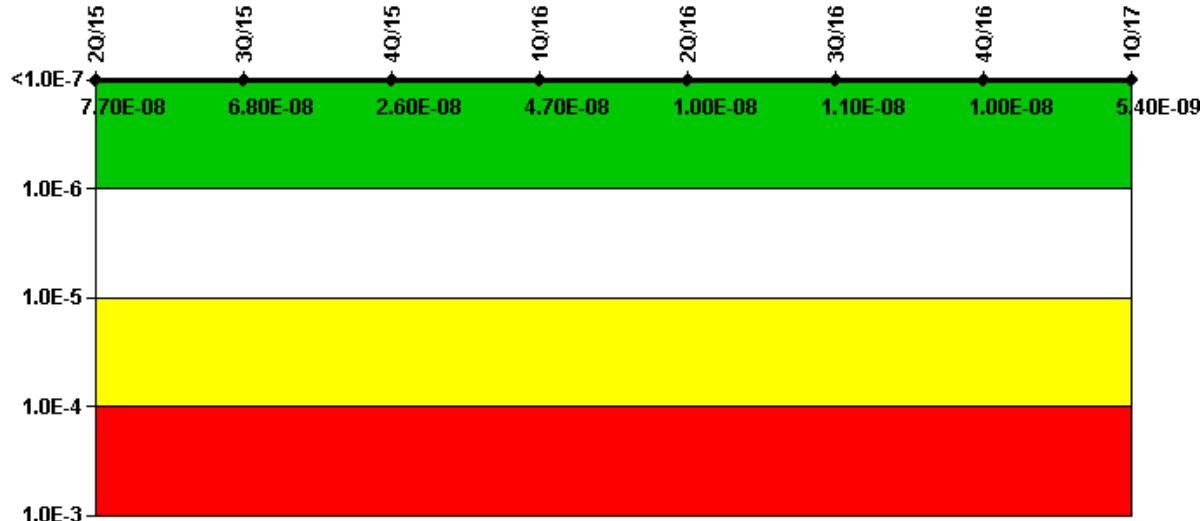
Safety System Functional Failures (PWR) 2Q/153Q/154Q/151Q/162Q/163Q/164Q/161Q/171Q
Safety System Functional Failures 0 0 0 0 0 0 0 0 0

Indicator value 2 0 0 0 0 0 0 0 0

Licensee Comments: none

Licensee Comm

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

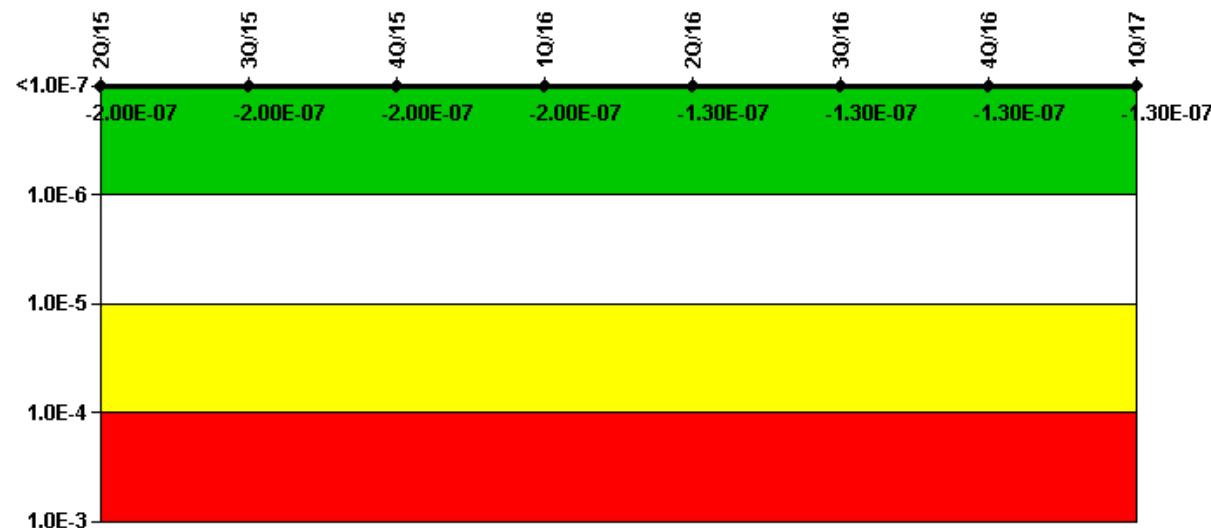
	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (Δ CDF)	5.26E-08	4.36E-08	3.80E-08	5.86E-08	1.94E-08	1.99E-08	1.96E-08	1.45E-08
URI (Δ CDF)	2.40E-08	2.40E-08	-1.19E-08	-1.19E-08	-8.88E-09	-9.17E-09	-9.07E-09	-9.07E-09
PLE	NO							
Indicator value	7.70E-08	6.80E-08	2.60E-08	4.70E-08	1.00E-08	1.10E-08	1.00E-08	5.40E-09



Licensee Comments:

3Q/16: Changed PRA Parameter(s).

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA 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

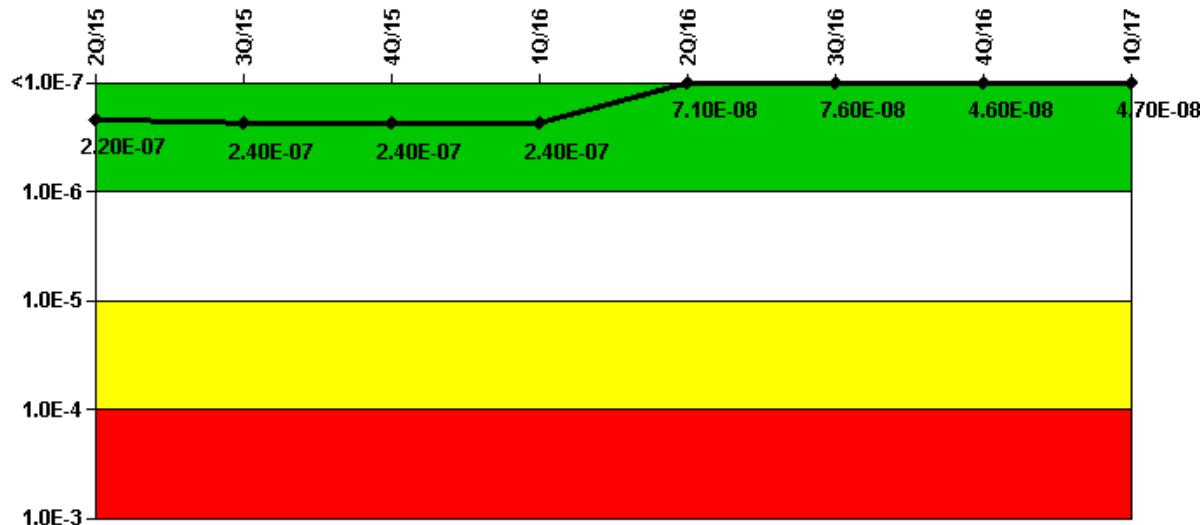
	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (Δ CDF)	-3.36E-08	-3.36E-08	-3.36E-08	-3.36E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08
URI (Δ CDF)	-1.63E-07	-1.63E-07	-1.63E-07	-1.63E-07	-9.53E-08	-9.53E-08	-9.53E-08	-9.53E-08
PLE	NO							
Indicator value	-2.00E-07	-2.00E-07	-2.00E-07	-2.00E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07

▲ TOP

Licensee Comments:

3Q/16: Changed PRA Parameter(s).

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA 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 (Δ CDF)	-5.18E-09	1.11E-08	1.08E-08	1.13E-08	1.56E-08	2.16E-08	1.58E-08	1.74E-08
URI (Δ CDF)		2.25E-07	2.25E-07	2.25E-07	5.56E-08	5.39E-08	3.00E-08	2.91E-08
PLE		NO						
Indicator value		2.20E-07	2.40E-07	2.40E-07	7.10E-08	7.60E-08	4.60E-08	4.70E-08

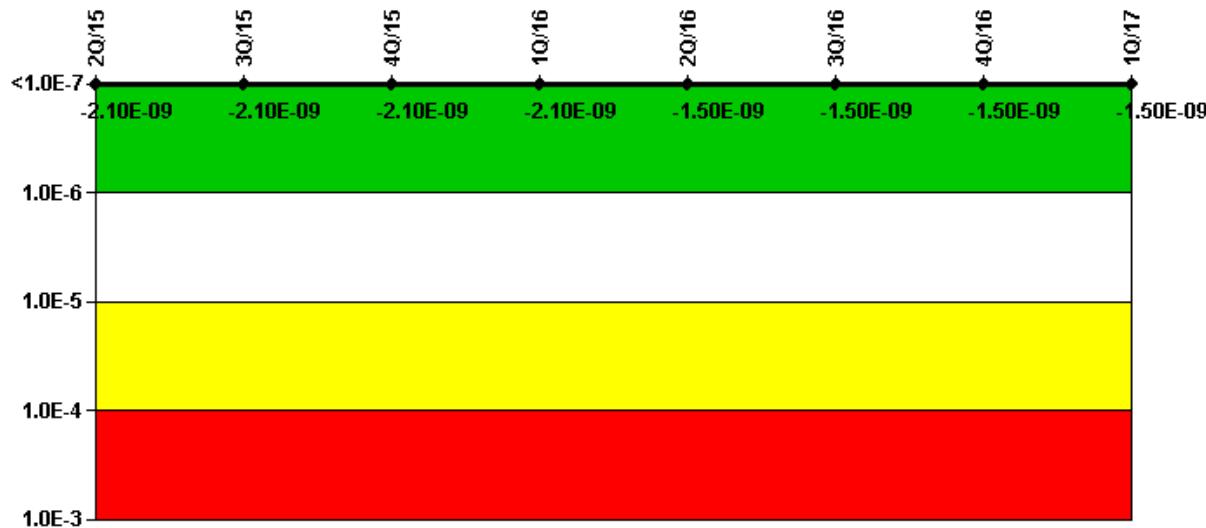
▲ TOP

Licensee Comments:

3Q/16: Changed PRA Parameter(s).

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA 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/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (Δ CDF)	-1.41E-10	-1.41E-10	-1.41E-10	-1.41E-10	-8.27E-11	-6.63E-11	-6.64E-11	-6.63E-11
URI (Δ CDF)	-1.96E-09	-1.96E-09	-1.96E-09	-1.96E-09	-1.40E-09	-1.40E-09	-1.40E-09	-1.40E-09
PLE	NO							
Indicator value	-2.10E-09	-2.10E-09	-2.10E-09	-2.10E-09	-1.50E-09	-1.50E-09	-1.50E-09	-1.50E-09

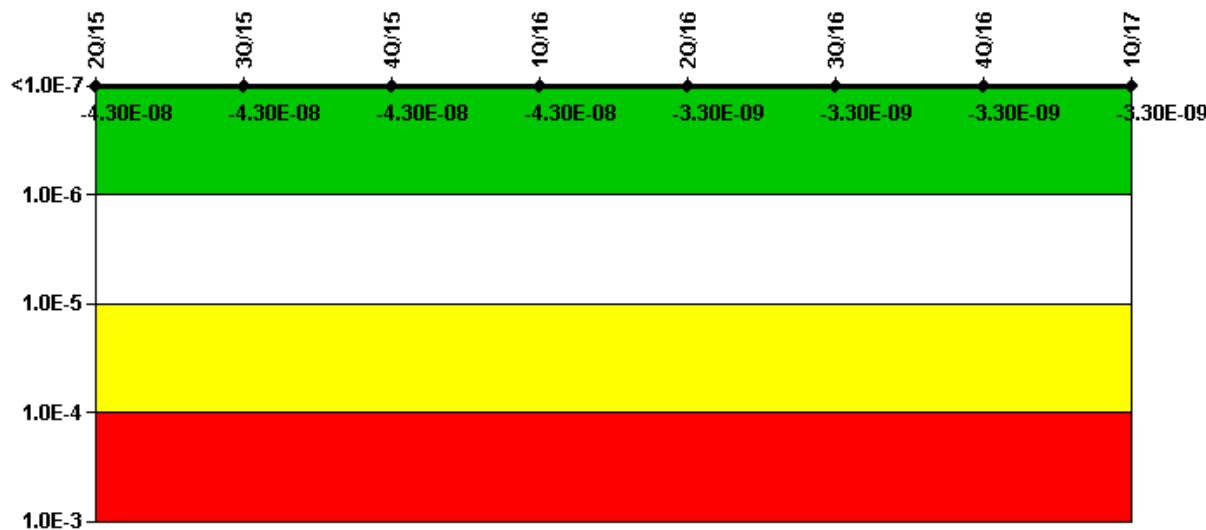
▲ TOP

Licensee Comments:

3Q/16: Changed PRA Parameter(s).

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA 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

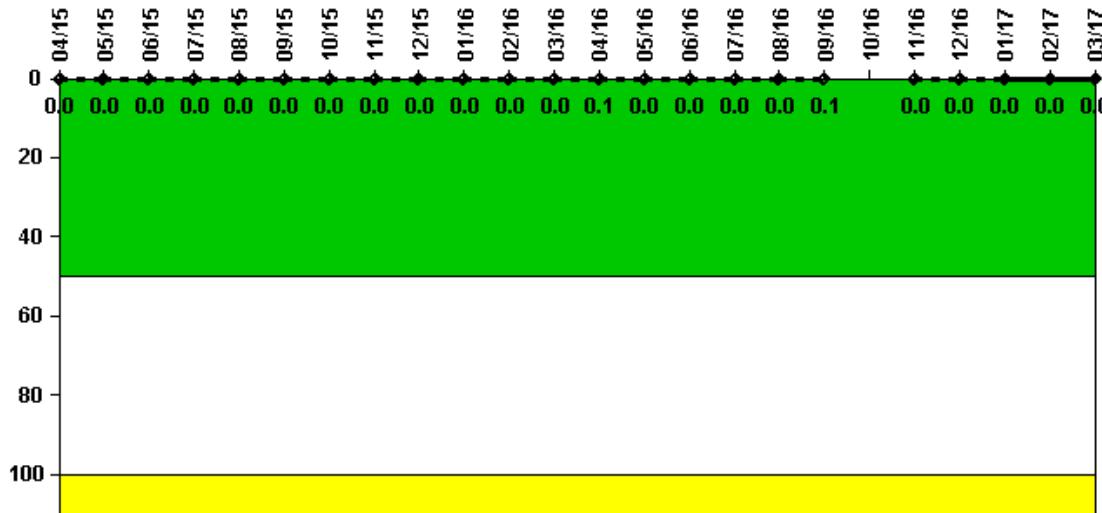
	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (Δ CDF)	-3.11E-08	-3.11E-08	-3.11E-08	-3.11E-08	-2.93E-09	-2.92E-09	-2.92E-09	-2.92E-09
URI (Δ CDF)	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08	-3.38E-010	-3.38E-010	-3.38E-010	-3.38E-010
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.30E-08	-4.30E-08	-4.30E-08	-4.30E-08	-3.30E-09	-3.30E-09	-3.30E-09	-3.30E-09

▲ TOP

Licensee Comments:

3Q/16: Changed PRA Parameter(s).

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model

Reactor Coolant System Activity

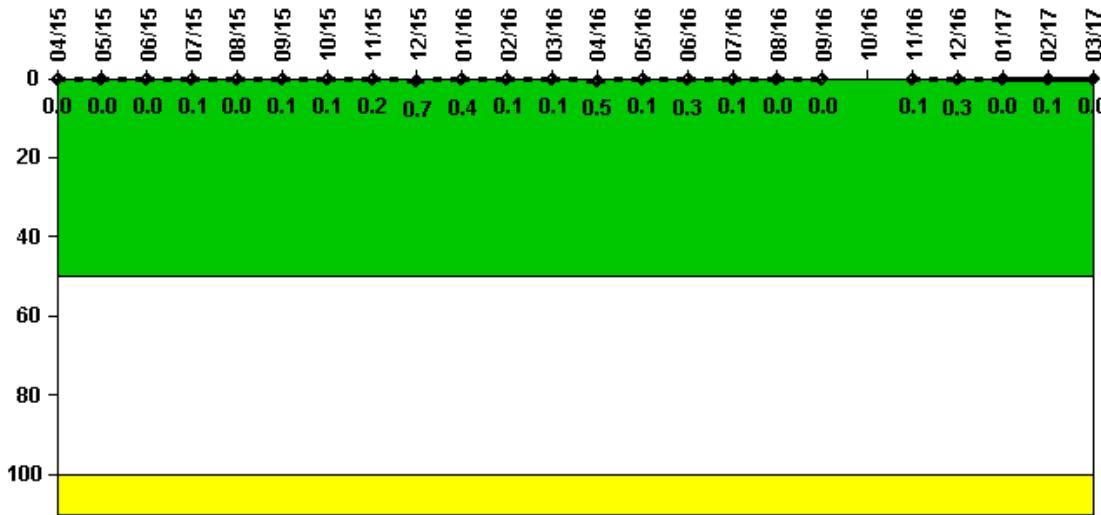
Thresholds: White > 50.0 Yellow > 100.0

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	0.000143	0.000268	0.000274	0.000286	0.000257	0.000342	0.000351	0.000319	0.000354	0.000357	0.000360	0.000373
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	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 activity	0.000640	0.000390	0.000381	0.000420	0.000357	0.000529	N/A	0.000214	0.000228	0.000248	0.000258	0.000258
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0	0	0	0	0.1	N/A	0	0	0	0	0

TOP

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 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 0 0 0 0.009 0.002 0.013 0.011 0.022 0.068 0.036 0.013 0.011

Technical specification limit 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0

Indicator value 0 0 0 0.1 0 0.1 0.1 0.2 0.7 0.4 0.1 0.1

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

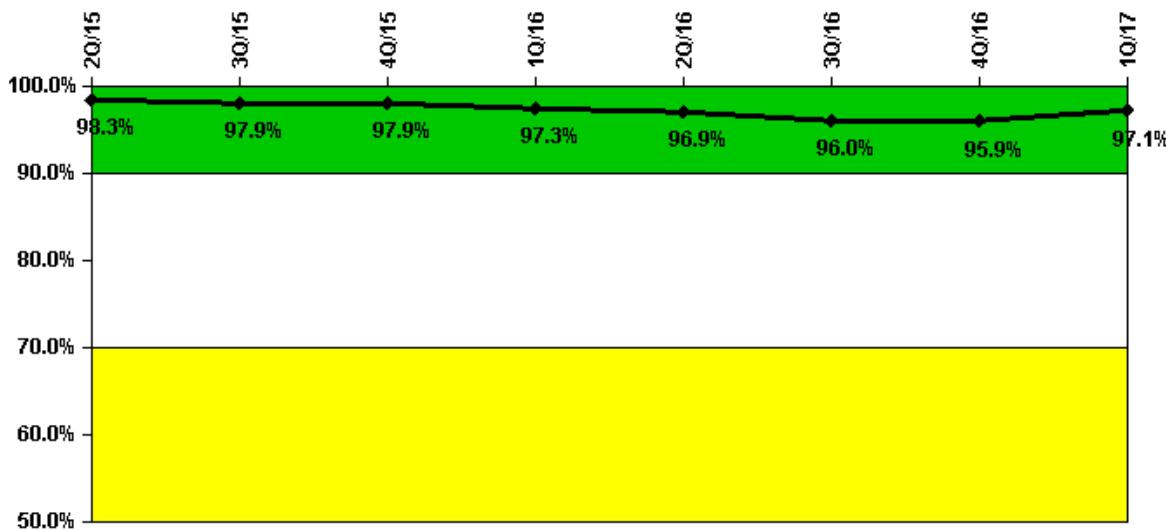
Maximum leakage 0.050 0.009 0.029 0.011 0.001 0.002 N/A 0.005 0.027 0.004 0.005 0.002

Technical specification limit 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0

Indicator value 0.5 0.1 0.3 0.1 0 0 N/A 0.1 0.3 0 0.1 0

TOP

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

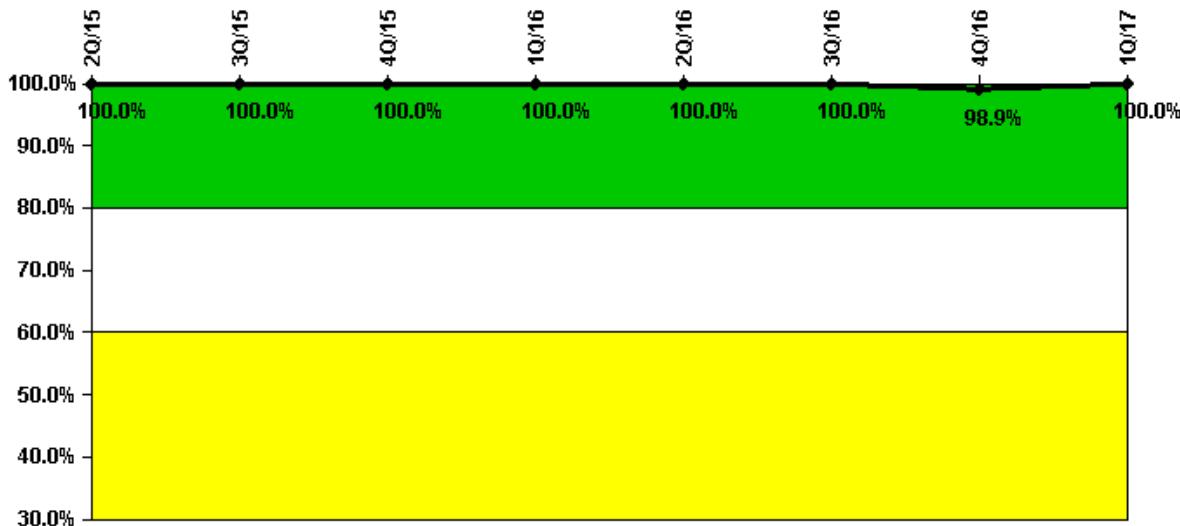
Drill/Exercise Performance	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Successful opportunities	31.0	20.0	24.0	17.0	17.0	25.0	24.0	44.0
Total opportunities	31.0	22.0	25.0	18.0	17.0	27.0	24.0	44.0

Indicator value **98.3% 97.9% 97.9% 97.3% 96.9% 96.0% 95.9% 97.1%**

TOP

Licensee Comments:

3Q/16: One drill/exercise opportunity currently under evaluation but conservatively reported as a failed opportunity. Pending final resolution this PI may change.

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

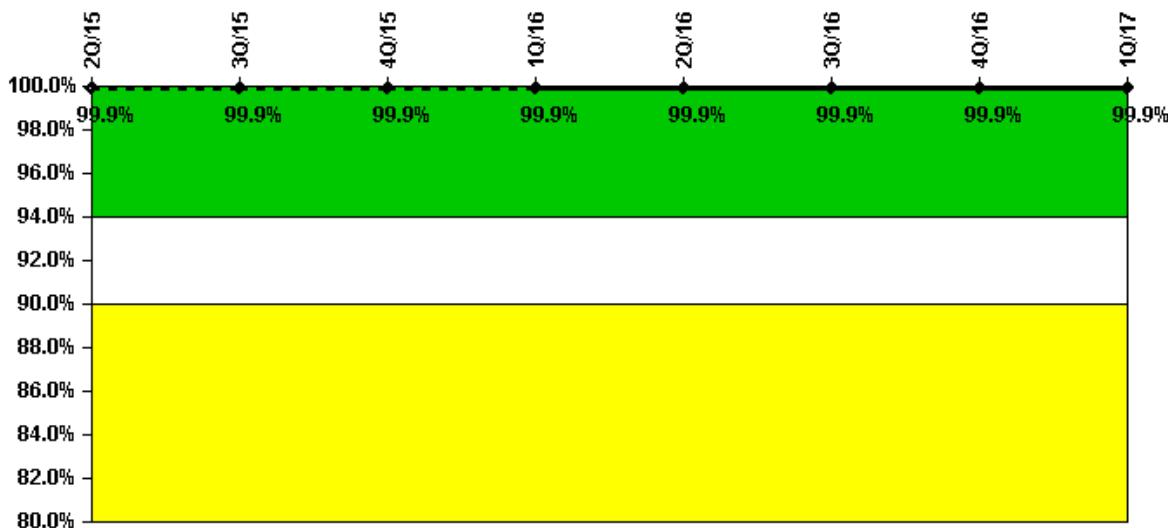
Notes

ERO Drill Participation	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Participating Key personnel	79.0	76.0	76.0	83.0	83.0	79.0	86.0	86.0
Total Key personnel	79.0	76.0	76.0	83.0	83.0	79.0	87.0	86.0

Indicator value 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 98.9% 100.0%

TOP

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

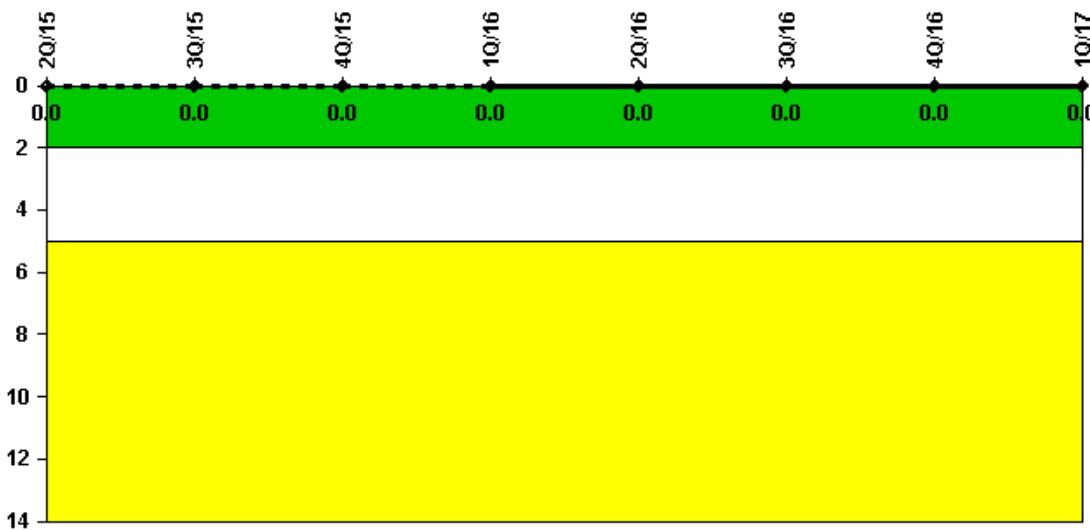
Notes**Alert & Notification System 2Q/15 3Q/15 4Q/15 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17**

Successful siren-tests	720	719	629	630	629	720	629	629
Total sirens-tests	720	720	630	630	630	720	630	630

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

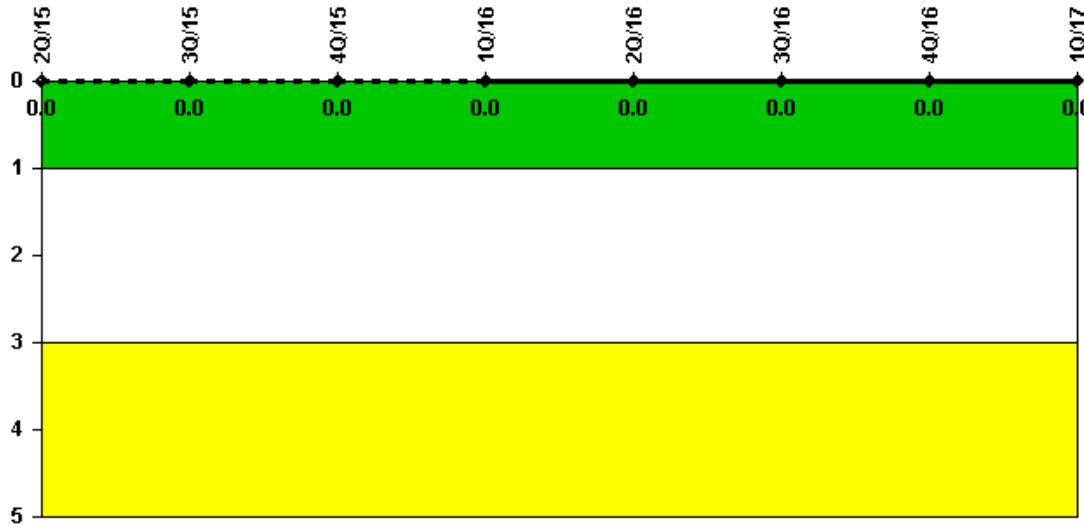
Thresholds: White > 2.0 Yellow > 5.0

Notes**Occupational Exposure Control Effectiveness**

	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
Indicator value	0							

TOP

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

▲ TOP

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 > Saint Lucie 1 > Quarterly Performance Indicators

Saint Lucie 1 – Quarterly Performance Indicators

2Q/2017 Performance Indicators

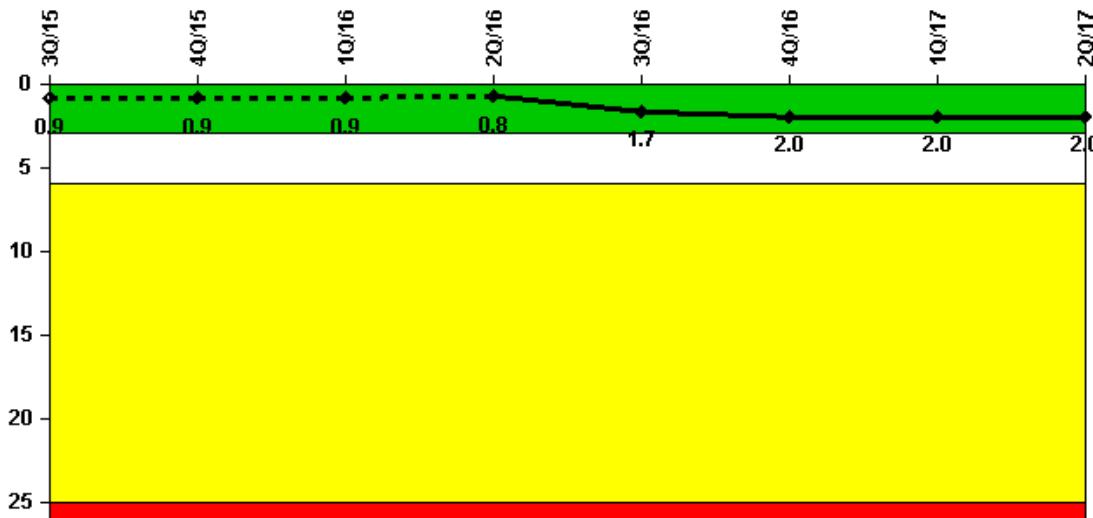
The solid trend line represents the current reporting period.

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

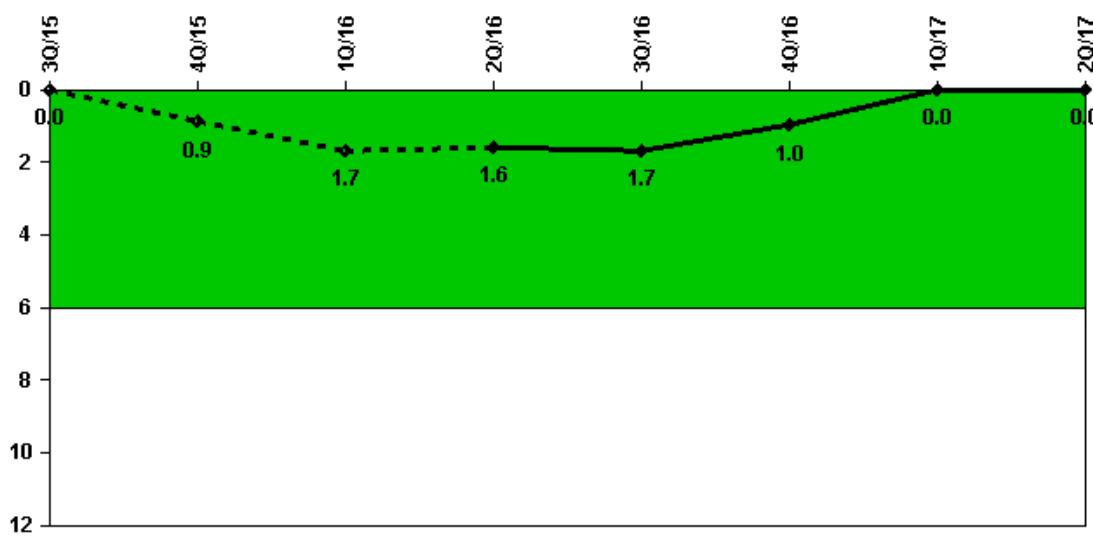
Unplanned Scrams per 7000 Critical Hrs	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Unplanned scrams	1.0	0	0	0	2.0	0	0	0
Critical hours	2160.6	2209.0	2183.0	2184.0	1511.8	1291.1	1989.9	2184.0

Indicator value



Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

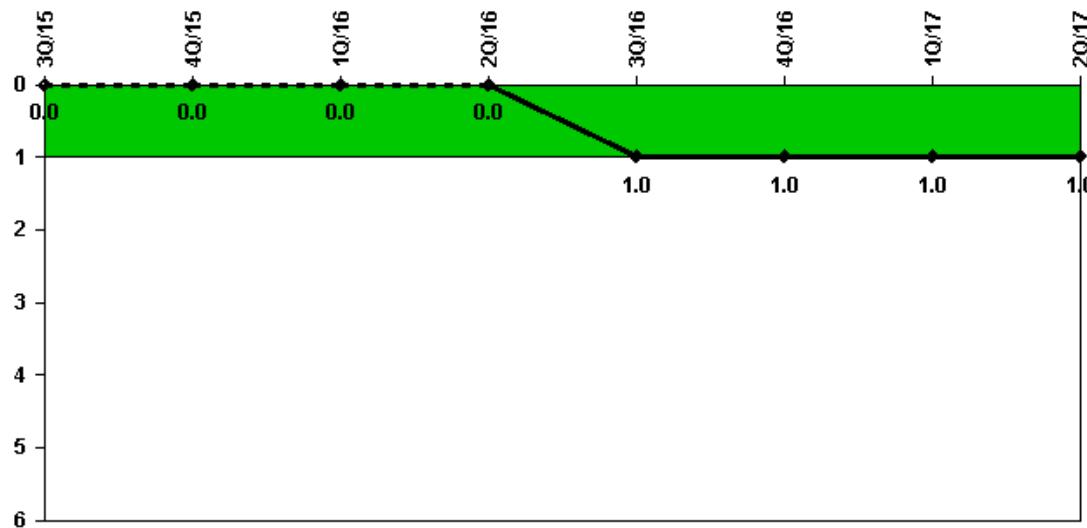
Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Unplanned power changes	0	1.0	1.0	0	0	0	0	0
Critical hours	2160.6	2209.0	2183.0	2184.0	1511.8	1291.1	1989.9	2184.0

Indicator value **0** **0.9** **1.7** **1.6** **1.7** **1.0** **0** **0**

 TOP

Licensee Comments: none

Unplanned Scrams with Complications

Thresholds: White > 1.0

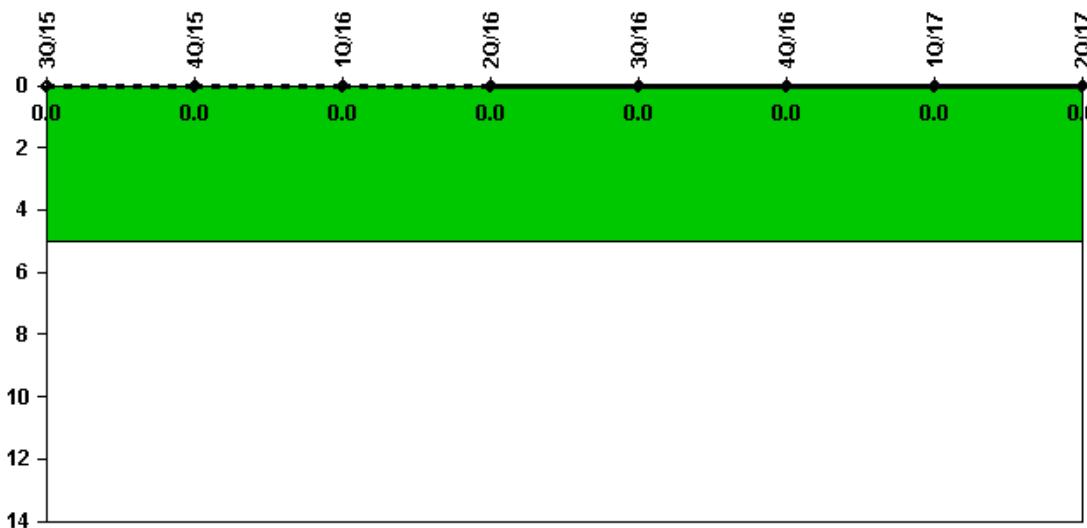
Notes

Unplanned Scrams with Complications	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Scrams with complications	0	0	0	0	1.0	0	0	0

Indicator value **0.0** **0.0** **0.0** **0.0** **1.0** **1.0** **1.0** **1.0**

 TOP

Licensee Comments: none

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

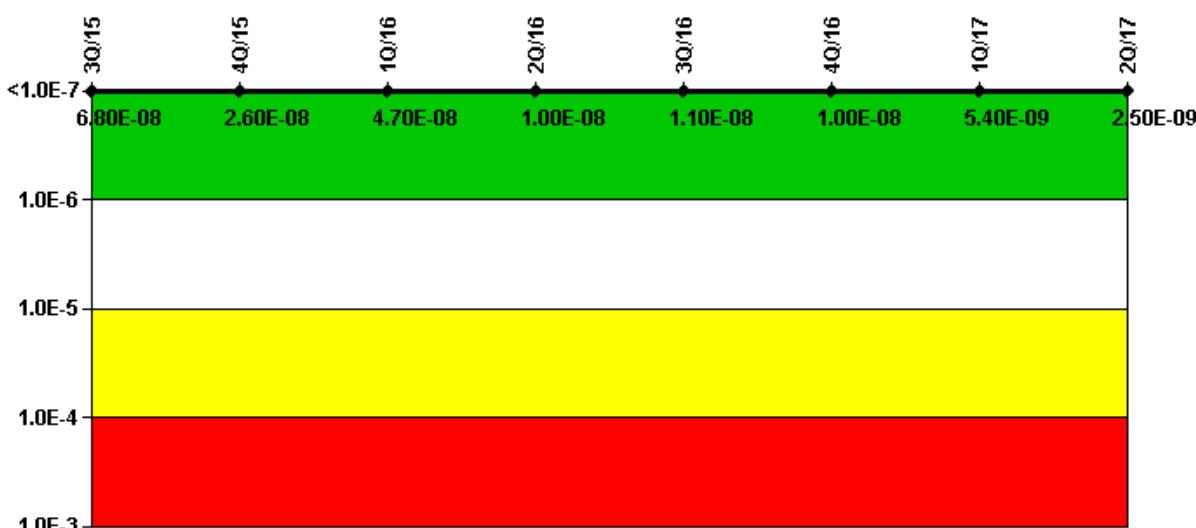
Notes

Safety System Functional Failures (PWR) 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 0 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****AC Power System**

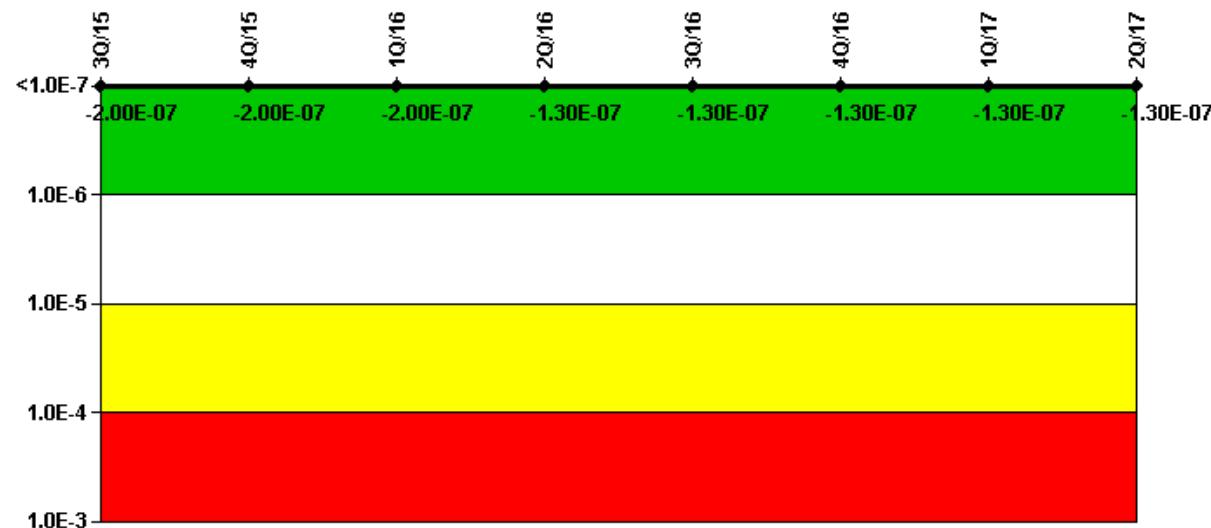
	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
UAI (Δ CDF)	4.36E-08	3.80E-08	5.86E-08	1.94E-08	1.99E-08	1.96E-08	1.45E-08	1.16E-08
URI (Δ CDF)	2.40E-08	-1.19E-08	-1.19E-08	-8.88E-09	-9.17E-09	-9.07E-09	-9.07E-09	-9.07E-09
PLE	NO							
Indicator value	6.80E-08	2.60E-08	4.70E-08	1.00E-08	1.10E-08	1.00E-08	5.40E-09	2.50E-09

 TOP

Licensee Comments:

3Q/16: Changed PRA Parameter(s).

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA 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**

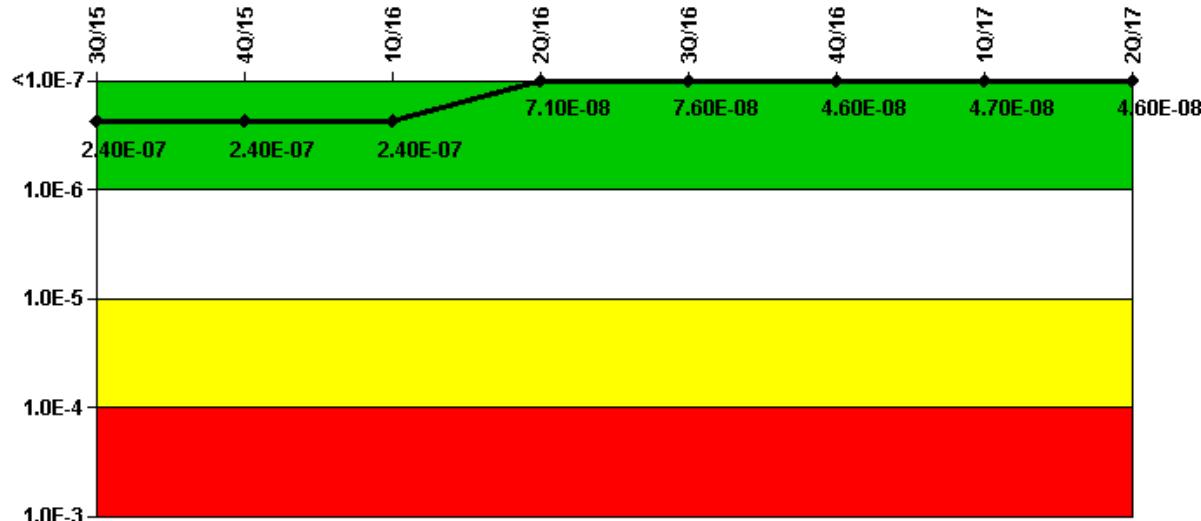
	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
UAI (Δ CDF)	-3.36E-08	-3.36E-08	-3.36E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08
URI (Δ CDF)	-1.63E-07	-1.63E-07	-1.63E-07	-9.53E-08	-9.53E-08	-9.53E-08	-9.53E-08	-9.53E-08
PLE	NO							
Indicator value	-2.00E-07	-2.00E-07	-2.00E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07

 TOP

Licensee Comments:

3Q/16: Changed PRA Parameter(s).

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model

Mitigating Systems Performance Index, Heat Removal SystemThresholds: 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 (Δ CDF)	1.11E-08	1.08E-08	1.13E-08	1.56E-08	2.16E-08	1.58E-08	1.74E-08	1.77E-08
URI (Δ CDF)	2.25E-07	2.25E-07	2.25E-07	5.56E-08	5.39E-08	3.00E-08	2.91E-08	2.83E-08
PLE	NO							
Indicator value	2.40E-07	2.40E-07	2.40E-07	7.10E-08	7.60E-08	4.60E-08	4.70E-08	4.60E-08

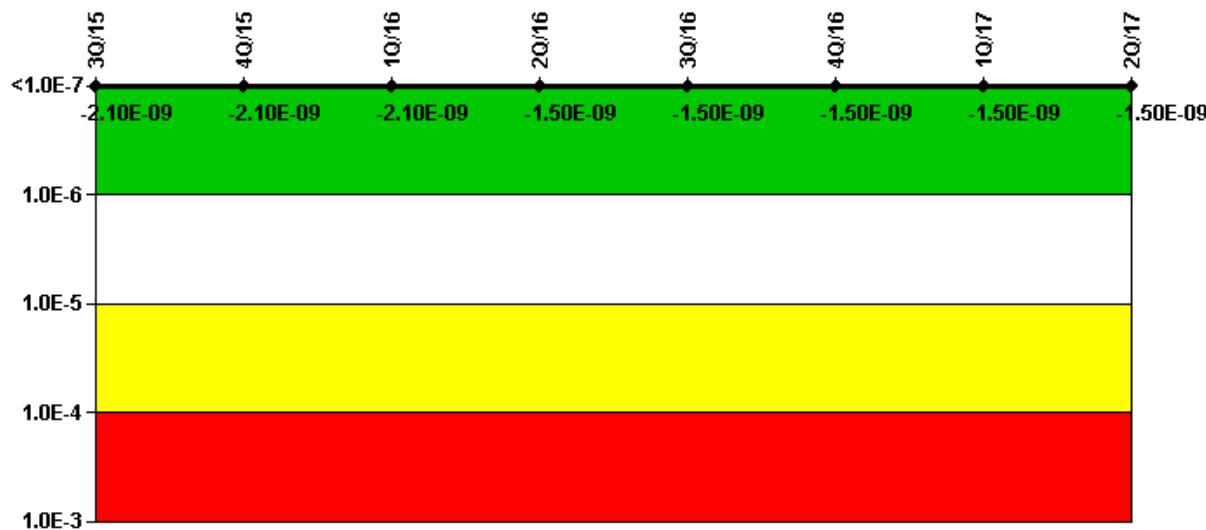
 TOP

Licensee Comments:

3Q/16: Changed PRA Parameter(s).

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA 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

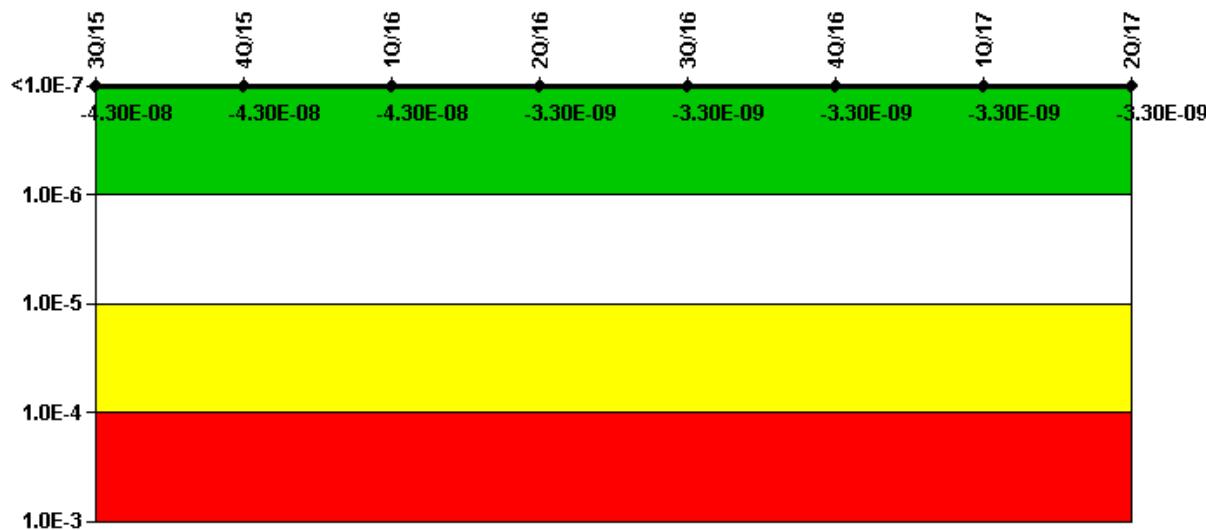
	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
UAI (Δ CDF)	-1.41E-10	-1.41E-10	-1.41E-10	-8.27E-11	-6.63E-11	-6.64E-11	-6.63E-11	-6.63E-11
URI (Δ CDF)	-1.96E-09	-1.96E-09	-1.96E-09	-1.40E-09	-1.40E-09	-1.40E-09	-1.40E-09	-1.40E-09
PLE	NO							
Indicator value	-2.10E-09	-2.10E-09	-2.10E-09	-1.50E-09	-1.50E-09	-1.50E-09	-1.50E-09	-1.50E-09

▲ TOP

Licensee Comments:

3Q/16: Changed PRA Parameter(s).

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA 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**

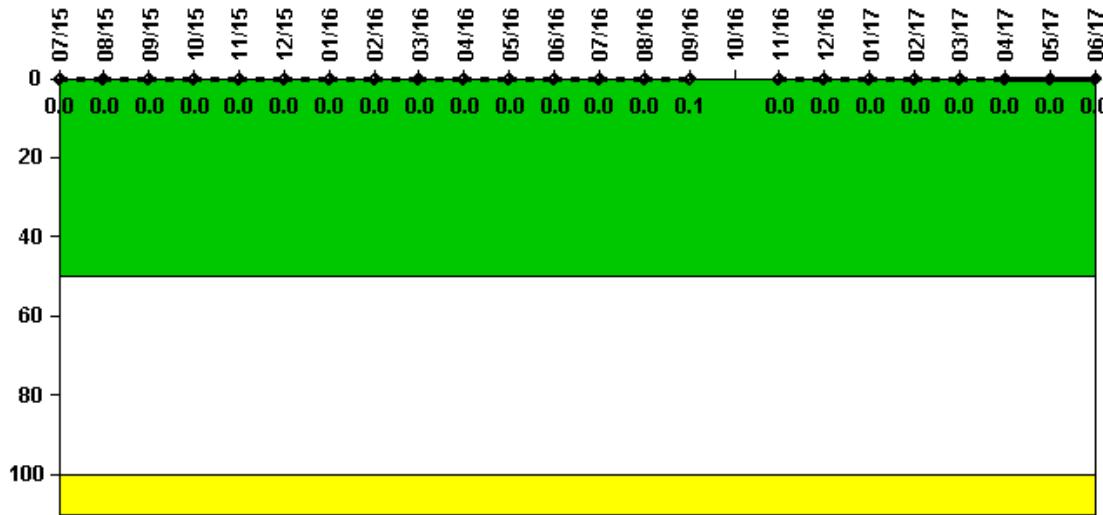
	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
UAI (Δ CDF)	-3.11E-08	-3.11E-08	-3.11E-08	-2.93E-09	-2.92E-09	-2.92E-09	-2.92E-09	-2.92E-09
URI (Δ CDF)	-1.20E-08	-1.20E-08	-1.20E-08	-3.38E-10	-3.38E-10	-3.38E-10	-3.38E-10	-3.38E-10
PLE	NO							
Indicator value	-4.30E-08	-4.30E-08	-4.30E-08	-3.30E-09	-3.30E-09	-3.30E-09	-3.30E-09	-3.30E-09

▲ TOP

Licensee Comments:

3Q/16: Changed PRA Parameter(s).

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

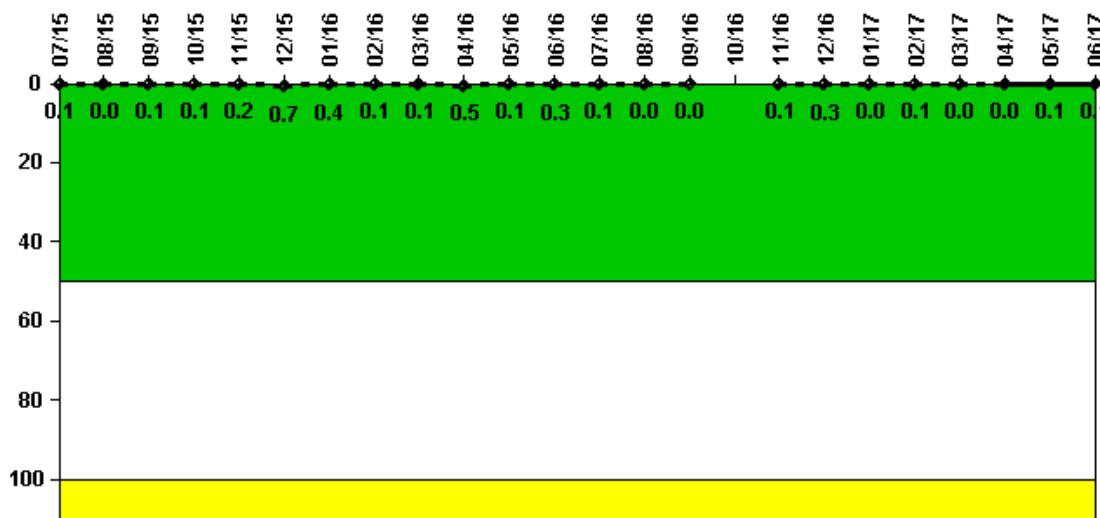
Notes

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	0.000286	0.000257	0.000342	0.000351	0.000319	0.000354	0.000357	0.000360	0.000373	0.000364	0.000390	0.000381
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	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 activity	0.000420	0.000357	0.000529	N/A	0.000214	0.000228	0.000248	0.000258	0.000258	0.000277	0.000374	0.000291
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0.1	N/A	0	0	0	0	0	0	0	0

TOP

Licensee Comments:

6/16: U1 April 2016 data corrected.

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 0.009 0.002 0.013 0.011 0.022 0.068 0.036 0.013 0.011 0.050 0.009 0.029

Technical specification limit 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0

Indicator value 0.1 0 0.1 0.1 0.2 0.7 0.4 0.1 0.1 0.5 0.1 0.3

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

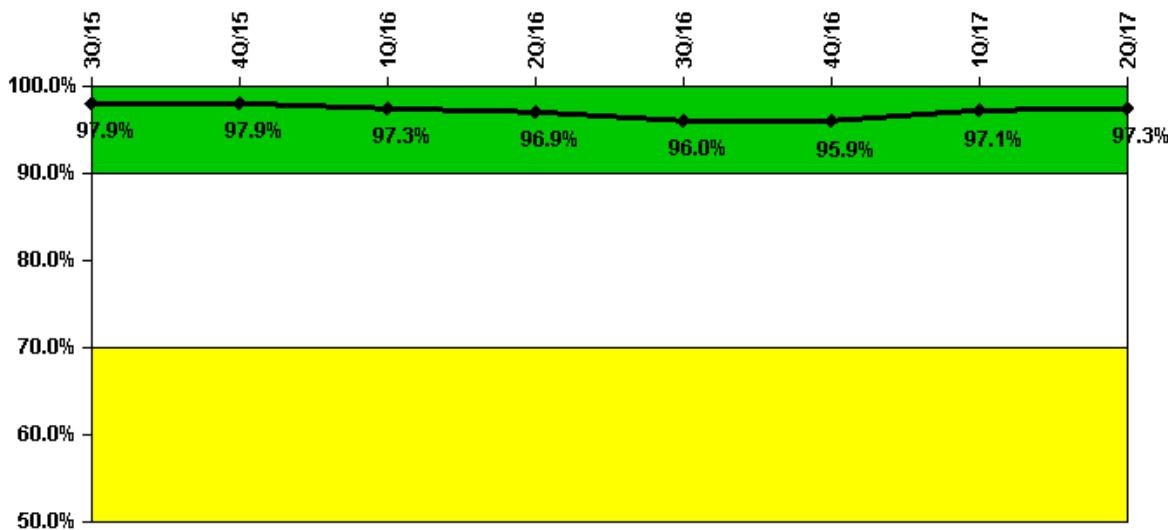
Maximum leakage 0.011 0.001 0.002 N/A 0.005 0.027 0.004 0.005 0.002 0 0.005 0.005

Technical specification limit 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0

Indicator value 0.1 0 0 N/A 0.1 0.3 0 0.1 0 0 0.1 0.1

TOP

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	20.0	24.0	17.0	17.0	25.0	24.0	44.0	46.0
Total opportunities	22.0	25.0	18.0	17.0	27.0	24.0	44.0	46.0

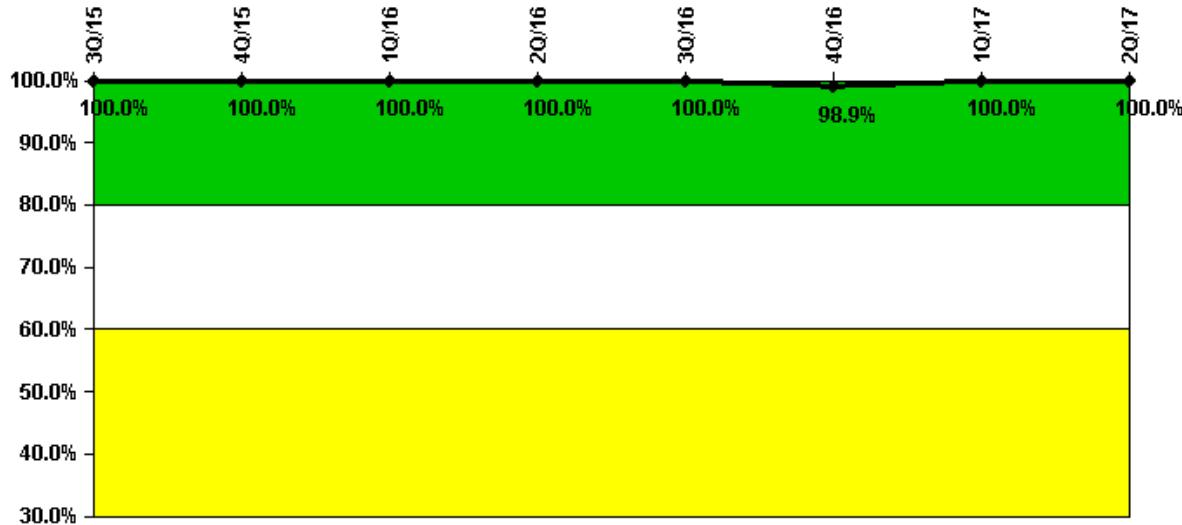
Indicator value **97.9% 97.9% 97.3% 96.9% 96.0% 95.9% 97.1% 97.3%**

TOP

Licensee Comments:

3Q/16: One drill/exercise opportunity currently under evaluation but conservatively reported as a failed opportunity. Pending final resolution this PI may change.

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

Notes

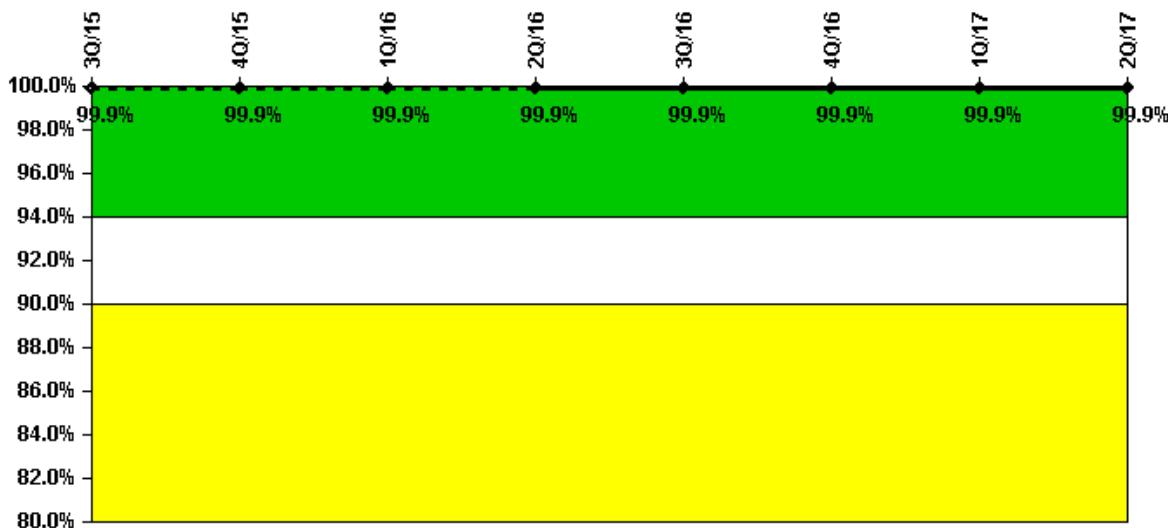
ERO Drill Participation	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Participating Key personnel	76.0	76.0	83.0	83.0	79.0	86.0	86.0	84.0
Total Key personnel	76.0	76.0	83.0	83.0	79.0	87.0	86.0	84.0

Indicator value 100.0% 100.0% 100.0% 100.0% 100.0% 98.9% 100.0% 100.0%

TOP

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

Notes

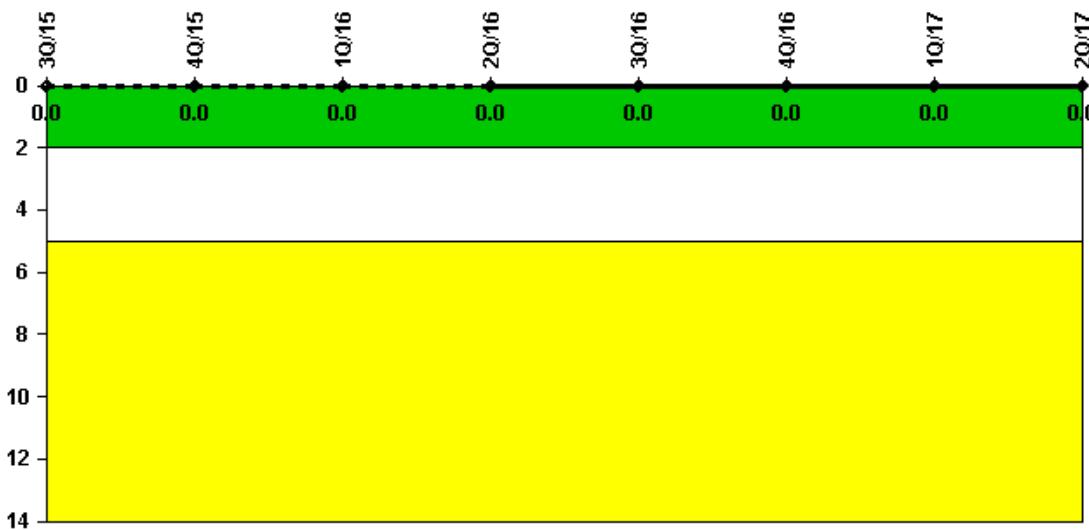
Alert & Notification System 3Q/15 4Q/15 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17

Successful siren-tests	719	629	630	629	720	629	629	720
Total sirens-tests	720	630	630	630	720	630	630	720

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

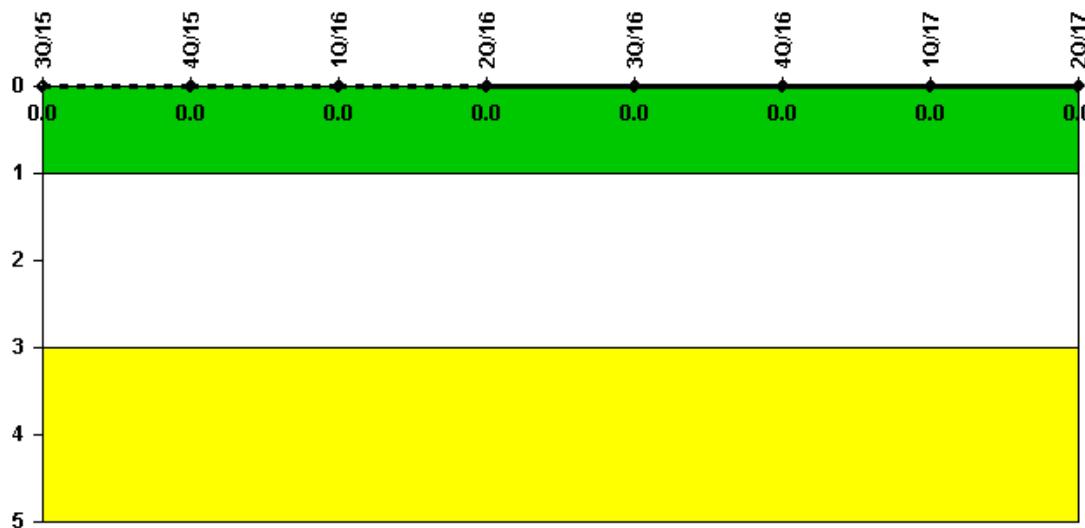
Thresholds: White > 2.0 Yellow > 5.0

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
Indicator value	0							

▲ TOP

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

TOP

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



Home > Nuclear Reactors > Operating Reactors > Reactor Oversight Process > Plant Summaries > Saint Lucie 1 > Quarterly Performance Indicators

Saint Lucie 1 – Quarterly Performance Indicators

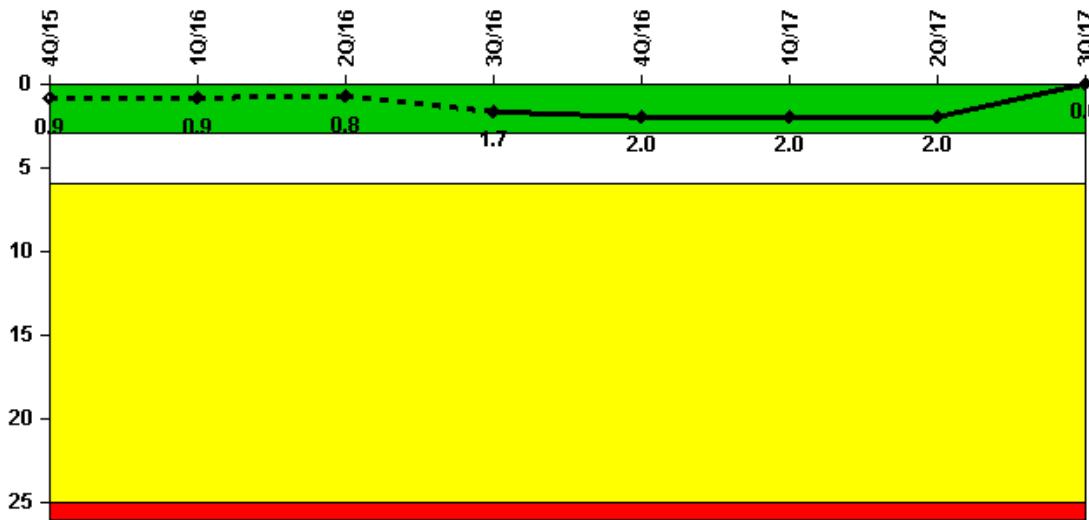
3Q/2017 Performance Indicators

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)

Unplanned Scrams per 7000 Critical Hrs

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

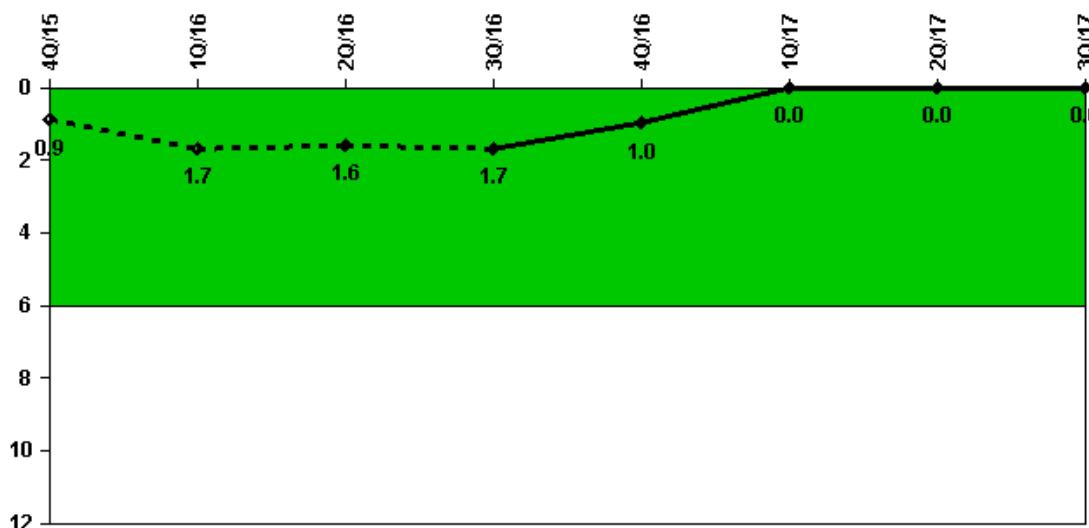
	Unplanned Scrams per 7000 Critical Hrs	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Unplanned scrams		0	0	0	2.0	0	0	0	0
Critical hours		2209.0	2183.0	2184.0	1511.8	1291.1	1989.9	2184.0	2181.0

Indicator value

0.9 0.9 0.8 1.7 2.0 2.0 2.0 0



Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

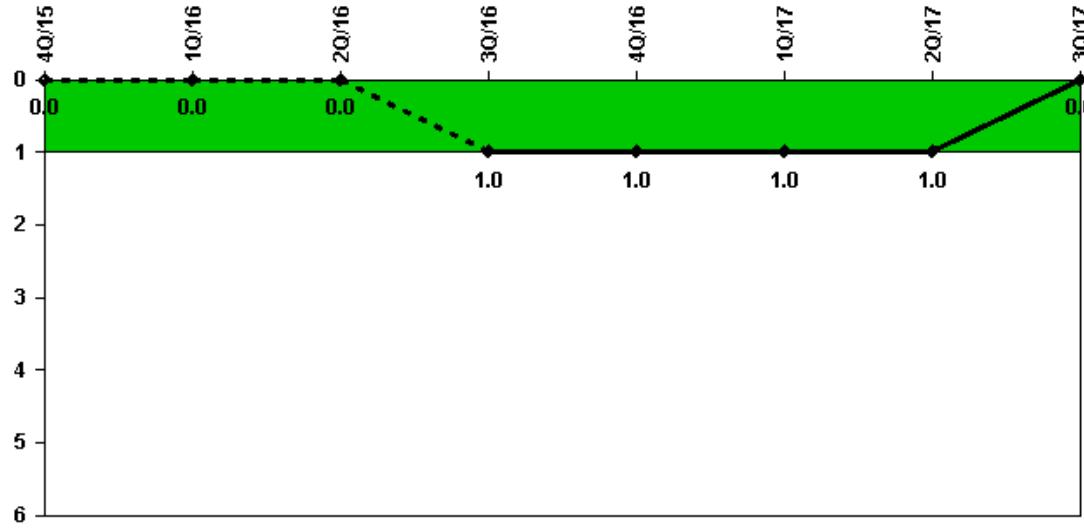
Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Unplanned power changes	1.0	1.0	0	0	0	0	0	0
Critical hours	2209.0	2183.0	2184.0	1511.8	1291.1	1989.9	2184.0	2181.0

Indicator value 0.9 1.7 1.6 1.7 1.0 0 0 0

 TOP

Licensee Comments: none

Unplanned Scrams with Complications

Thresholds: White > 1.0

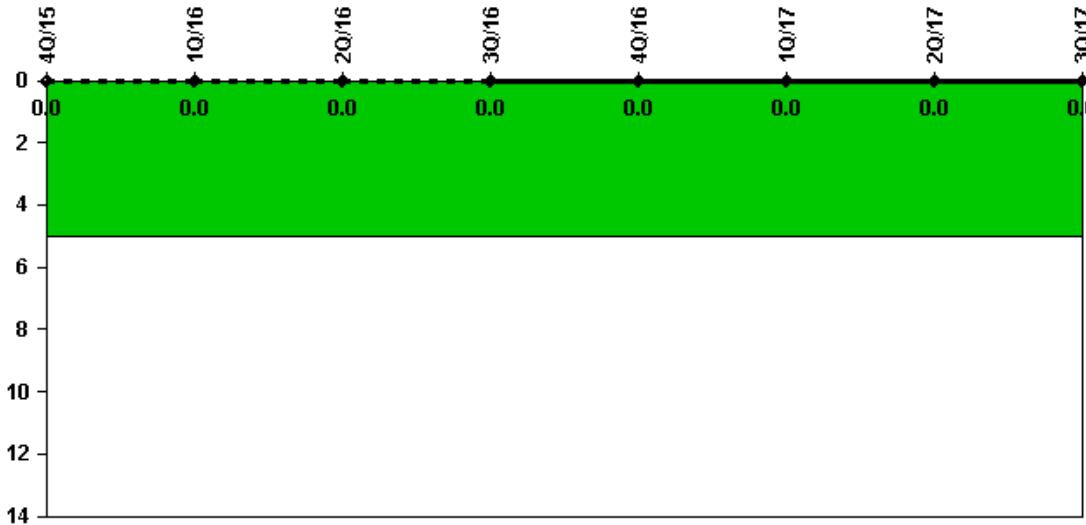
Notes

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	1.0	0	0	0	0

Indicator value 0.0 0.0 0.0 1.0 1.0 1.0 1.0 0.0

 TOP

Licensee Comments: none

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

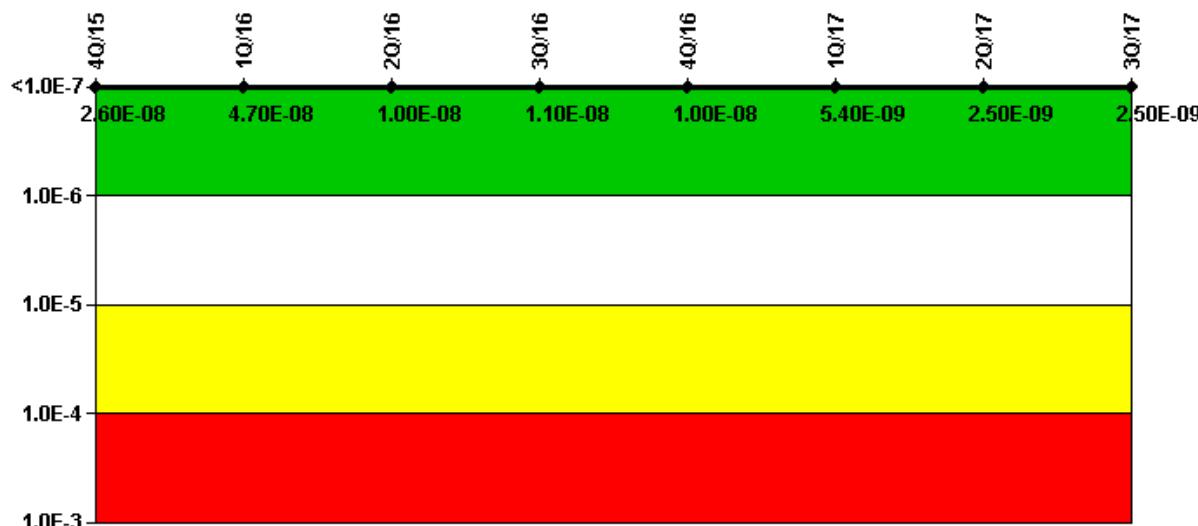
Notes

Safety System Functional Failures (PWR) 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 0

Indicator value 0 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****AC Power System**UAI (Δ CDF)

	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (Δ CDF)	3.80E-08	5.86E-08	1.94E-08	1.99E-08	1.96E-08	1.45E-08	1.16E-08	1.15E-08
URI (Δ CDF)	-1.19E-08	-1.19E-08	-8.88E-09	-9.17E-09	-9.07E-09	-9.07E-09	-9.07E-09	-9.07E-09
PLE	NO							

Indicator value

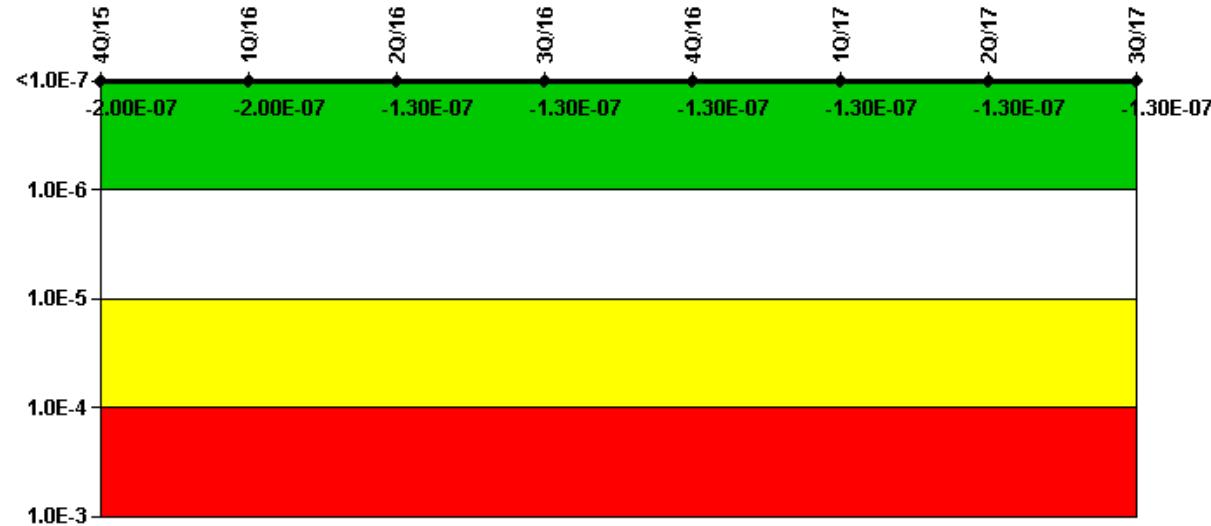
2.60E-08	4.70E-08	1.00E-08	1.10E-08	1.00E-08	5.40E-09	2.50E-09	2.50E-09
-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------



Licensee Comments:

3Q/16: Changed PRA Parameter(s).

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA 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/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
--	--------------	--------------	--------------	--------------	--------------	--------------	--------------	--------------

UAI (Δ CDF)

-3.36E-08	-3.36E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08
-1.63E-07	-1.63E-07	-9.53E-08	-9.53E-08	-9.53E-08	-9.53E-08	-9.53E-08	-9.53E-08

URI (Δ CDF)

-1.63E-07	-1.63E-07	-9.53E-08	-9.53E-08	-9.53E-08	-9.53E-08	-9.53E-08	-9.53E-08
NO							

PLE

-2.00E-07	-2.00E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07
NO							

Indicator value

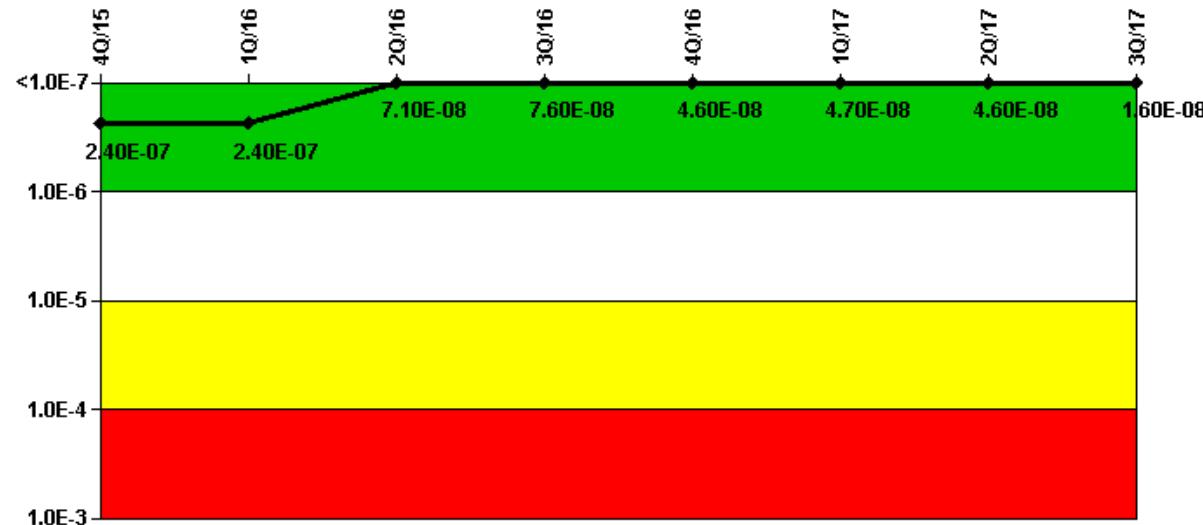
-2.00E-07	-2.00E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07
------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------

 TOP

Licensee Comments:

3Q/16: Changed PRA Parameter(s).

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA 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/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (Δ CDF)	1.08E-08	1.13E-08	1.56E-08	2.16E-08	1.58E-08	1.74E-08	1.77E-08	1.05E-08
URI (Δ CDF)	2.25E-07	2.25E-07	5.56E-08	5.39E-08	3.00E-08	2.91E-08	2.83E-08	5.84E-09
PLE	NO							

Indicator value

	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Indicator value	2.40E-07	2.40E-07	7.10E-08	7.60E-08	4.60E-08	4.70E-08	4.60E-08	1.60E-08

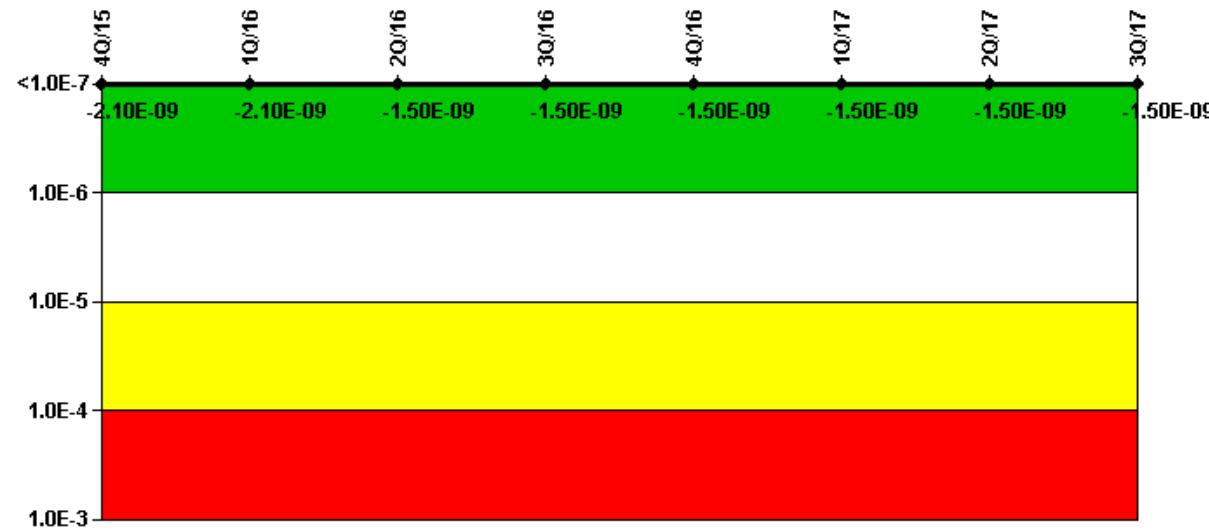
 TOP

Licensee Comments:

3Q/16: Changed PRA Parameter(s).

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA 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/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (Δ CDF)	-1.41E-10	-1.41E-10	-8.27E-11	-6.63E-11	-6.64E-11	-6.63E-11	-6.63E-11	-6.49E-11
URI (Δ CDF)	-1.96E-09	-1.96E-09	-1.40E-09	-1.40E-09	-1.40E-09	-1.40E-09	-1.40E-09	-1.40E-09
PLE	NO							
Indicator value	-2.10E-09	-2.10E-09	-1.50E-09	-1.50E-09	-1.50E-09	-1.50E-09	-1.50E-09	-1.50E-09

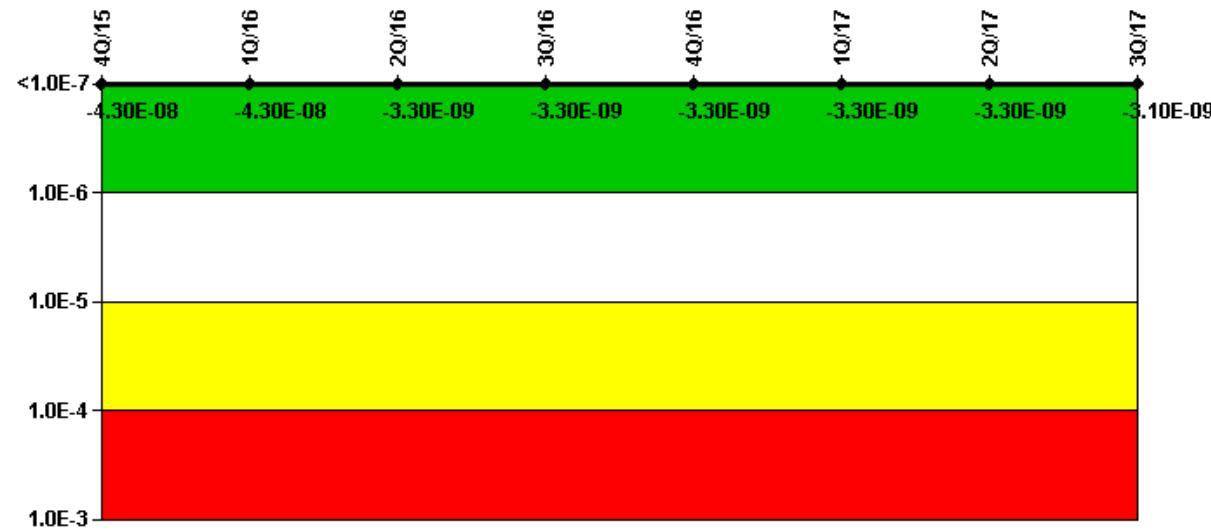
▲ TOP

Licensee Comments:

3Q/16: Changed PRA Parameter(s).

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA 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/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (Δ CDF)	-3.11E-08	-3.11E-08	-2.93E-09	-2.92E-09	-2.92E-09	-2.92E-09	-2.92E-09	-2.74E-09
URI (Δ CDF)	-1.20E-08	-1.20E-08	-3.38E-10	-3.38E-10	-3.38E-10	-3.38E-10	-3.38E-10	-3.38E-10
PLE	NO							
Indicator value	-4.30E-08	-4.30E-08	-3.30E-09	-3.30E-09	-3.30E-09	-3.30E-09	-3.30E-09	-3.10E-09

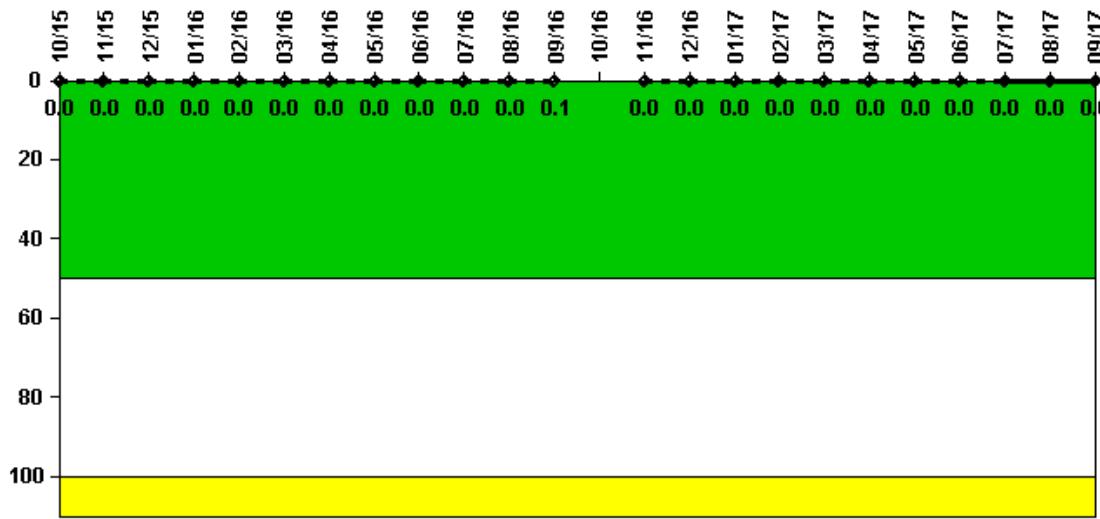
▲ TOP

Licensee Comments:

3Q/16: Changed PRA Parameter(s).

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

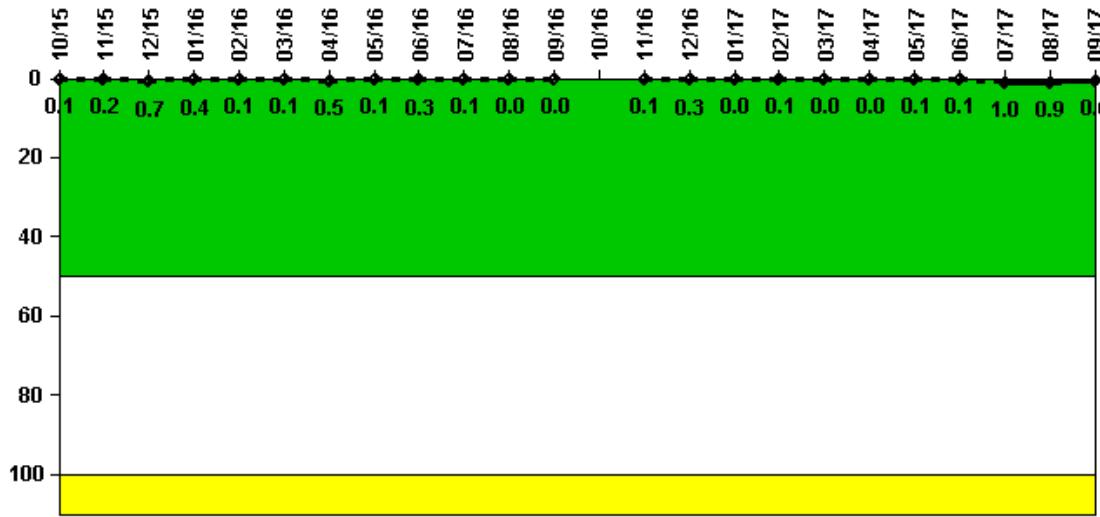
Notes

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	0.000351	0.000319	0.000354	0.000357	0.000360	0.000373	0.000364	0.000390	0.000381	0.000420	0.000357	0.000529
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0.1
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	N/A	0.000214	0.000228	0.000248	0.000258	0.000258	0.000277	0.000374	0.000291	0.000287	0.000283	0.000305
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	N/A	0	0	0	0	0	0	0	0	0	0	0

TOP

Licensee Comments:

6/16: U1 April 2016 data corrected.

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 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 0.011 0.022 0.068 0.036 0.013 0.011 0.050 0.009 0.029 0.011 0.001 0.002

Technical specification limit 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0

Indicator value 0.1 0.2 0.7 0.4 0.1 0.1 0.5 0.1 0.3 0.1 0 0

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

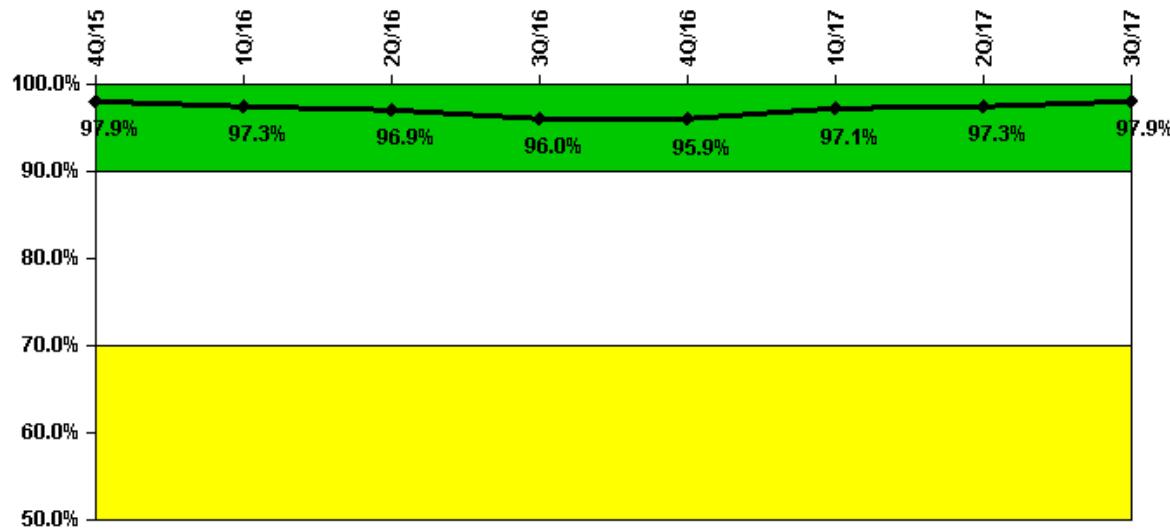
Maximum leakage N/A 0.005 0.027 0.004 0.005 0.002 0 0.005 0.005 0.095 0.086 0.063

Technical specification limit 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0

Indicator value N/A 0.1 0.3 0 0.1 0 0 0.1 0.1 1.0 0.9 0.6

TOP

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

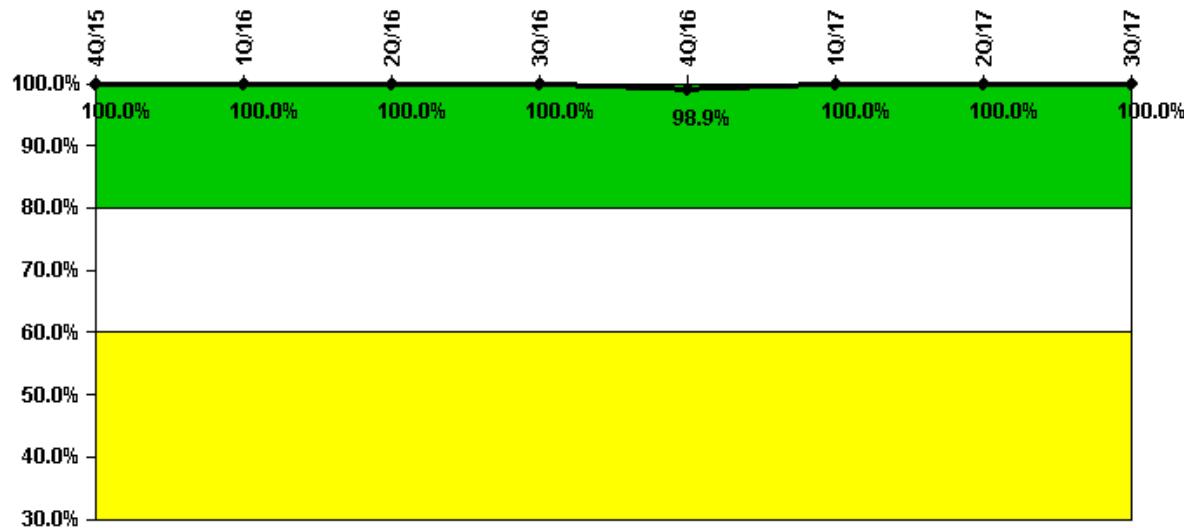
Drill/Exercise Performance	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Successful opportunities	24.0	17.0	17.0	25.0	24.0	44.0	46.0	36.0
Total opportunities	25.0	18.0	17.0	27.0	24.0	44.0	46.0	37.0

Indicator value **97.9% 97.3% 96.9% 96.0% 95.9% 97.1% 97.3% 97.9%**

TOP

Licensee Comments:

3Q/16: One drill/exercise opportunity currently under evaluation but conservatively reported as a failed opportunity. Pending final resolution this PI may change.

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

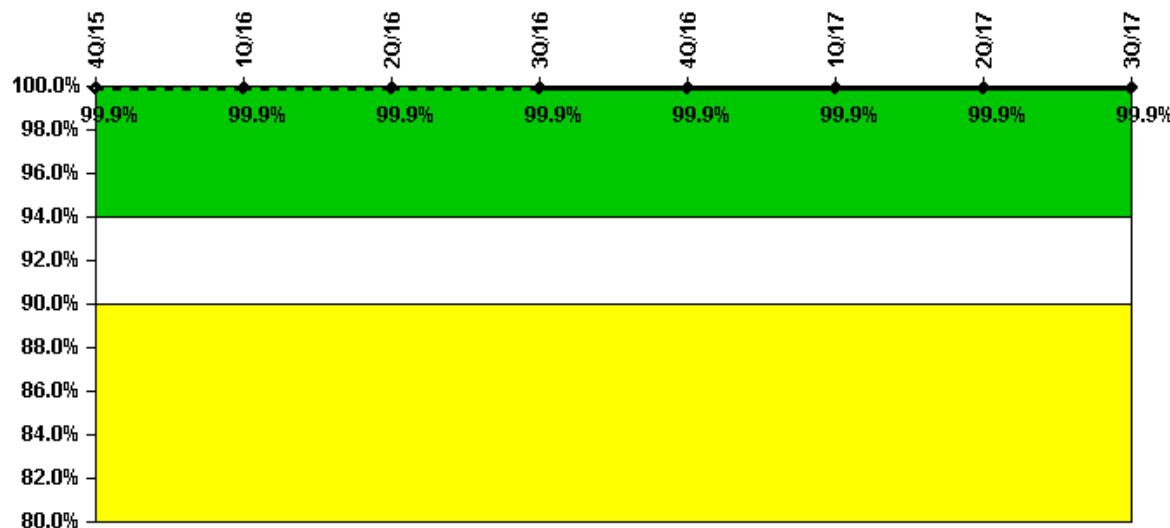
Notes

ERO Drill Participation	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Participating Key personnel	76.0	83.0	83.0	79.0	86.0	86.0	84.0	76.0
Total Key personnel	76.0	83.0	83.0	79.0	87.0	86.0	84.0	76.0

Indicator value 100.0% 100.0% 100.0% 100.0% 98.9% 100.0% 100.0% 100.0%

TOP

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

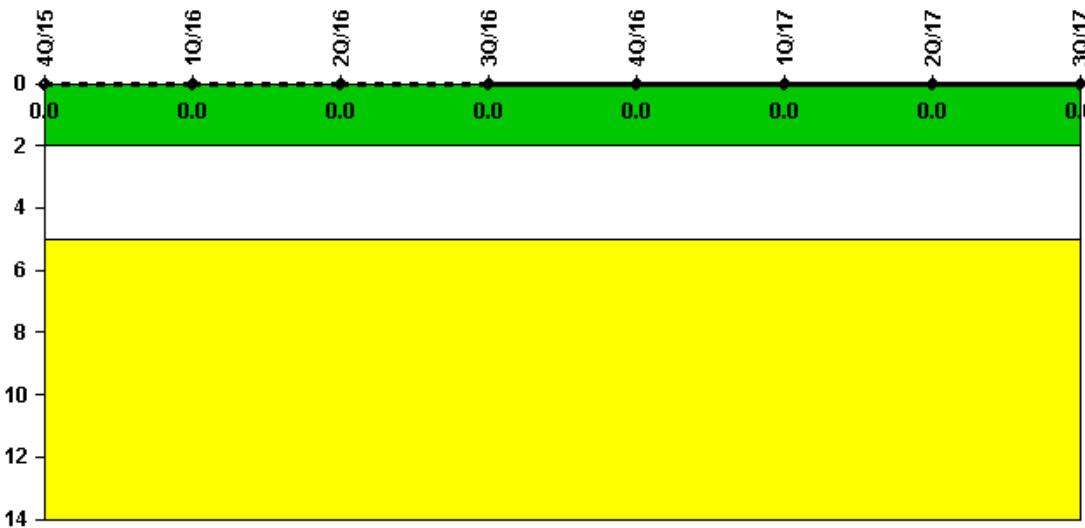
Notes**Alert & Notification System 4Q/15 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17 3Q/17**

Successful siren-tests	629	630	629	720	629	629	720	540
Total sirens-tests	630	630	630	720	630	630	720	540

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

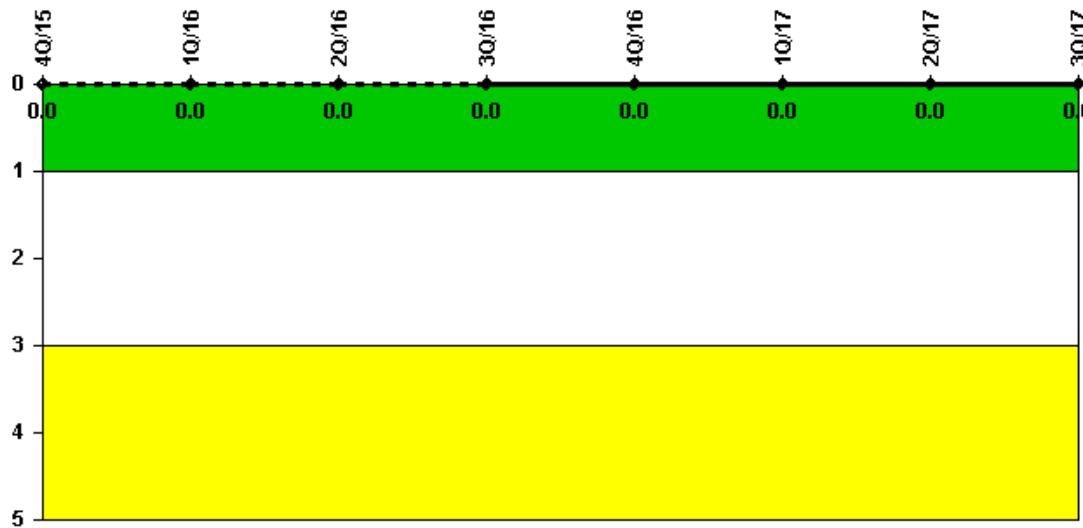
Thresholds: White > 2.0 Yellow > 5.0

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
Indicator value	0							

TOP

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

▲ TOP

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 > Saint Lucie 1 > Quarterly Performance Indicators

Saint Lucie 1 – Quarterly Performance Indicators

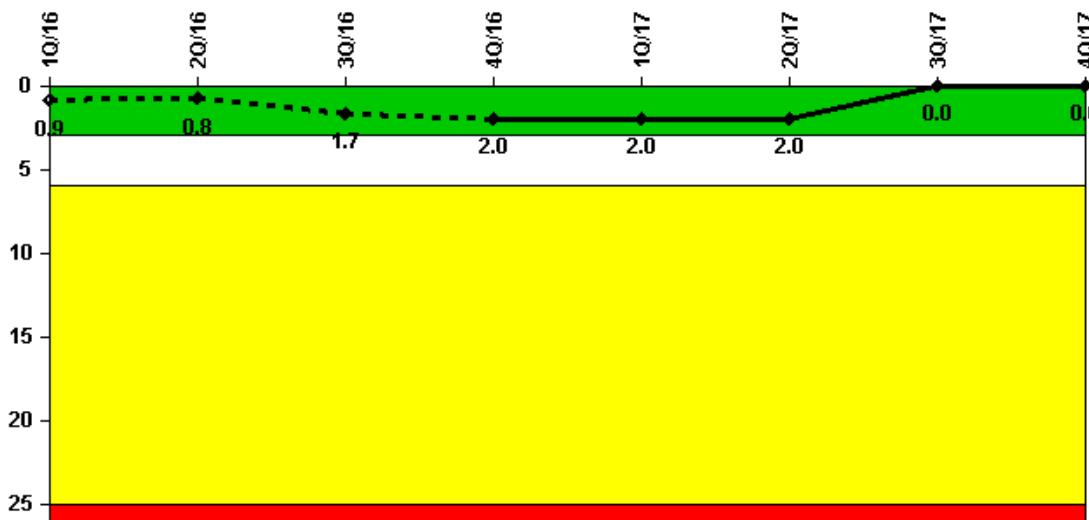
4Q/2017 Performance Indicators

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)

Unplanned Scrams per 7000 Critical Hrs

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

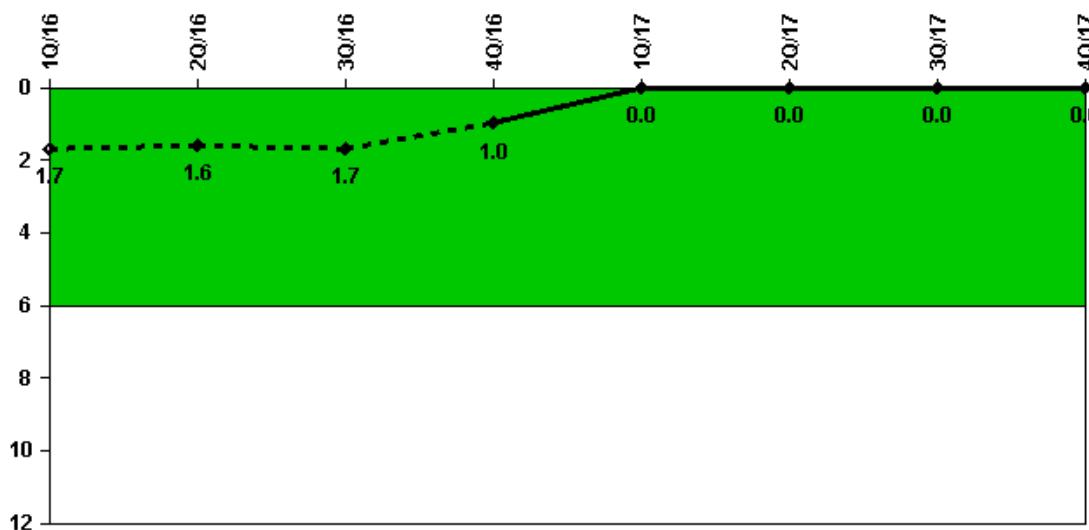
Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Unplanned scrams	0	0	2.0	0	0	0	0	0
Critical hours	2183.0	2184.0	1511.8	1291.1	1989.9	2184.0	2181.0	2209.0

Indicator value 0.9 0.8 1.7 2.0 2.0 2.0 0 0



Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

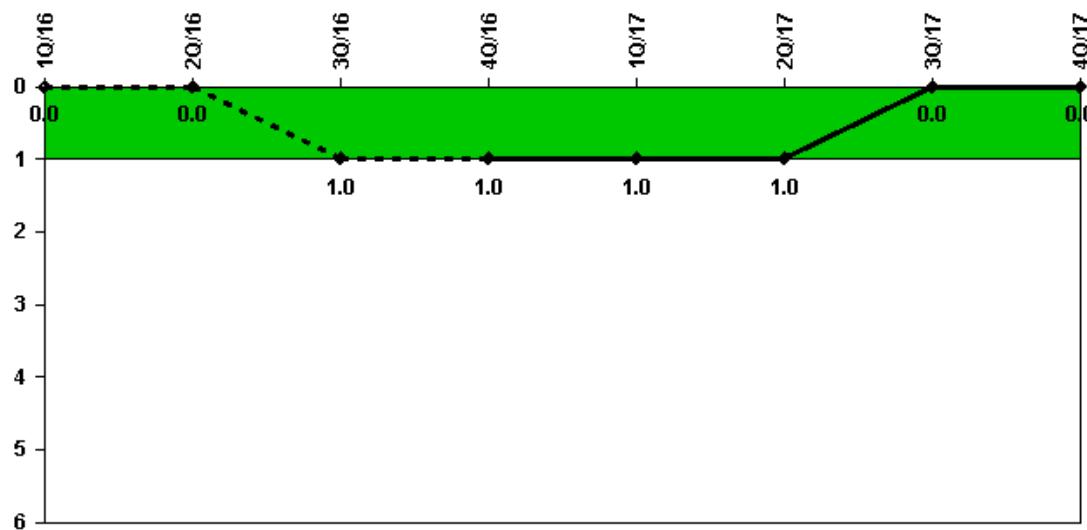
Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Unplanned power changes	1.0	0	0	0	0	0	0	0
Critical hours	2183.0	2184.0	1511.8	1291.1	1989.9	2184.0	2181.0	2209.0

Indicator value **1.7** **1.6** **1.7** **1.0** **0** **0** **0** **0**

 TOP

Licensee Comments: none

Unplanned Scrams with Complications

Thresholds: White > 1.0

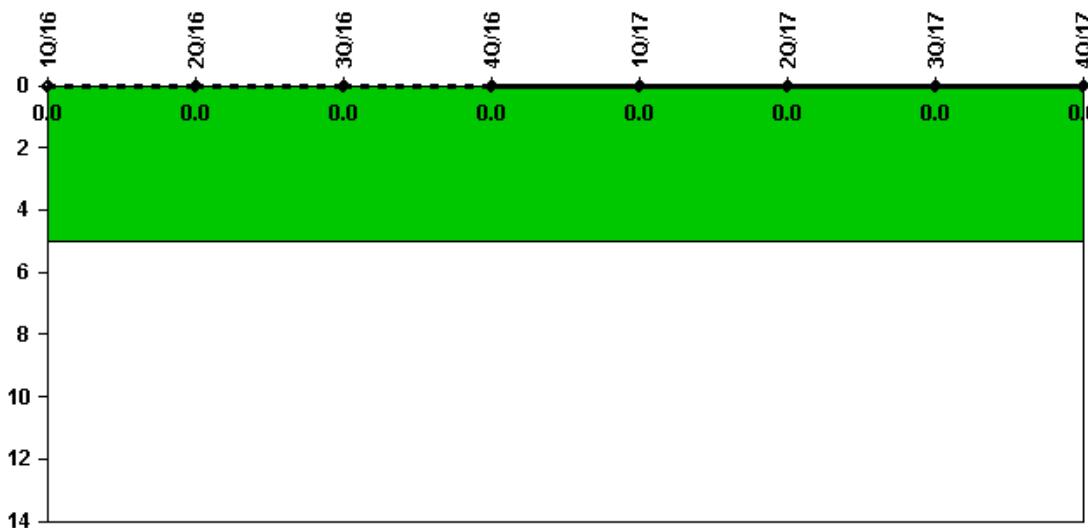
Notes

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	1.0	0	0	0	0	0

Indicator value **0.0** **0.0** **1.0** **1.0** **1.0** **1.0** **0.0** **0.0**

 TOP

Licensee Comments: none

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

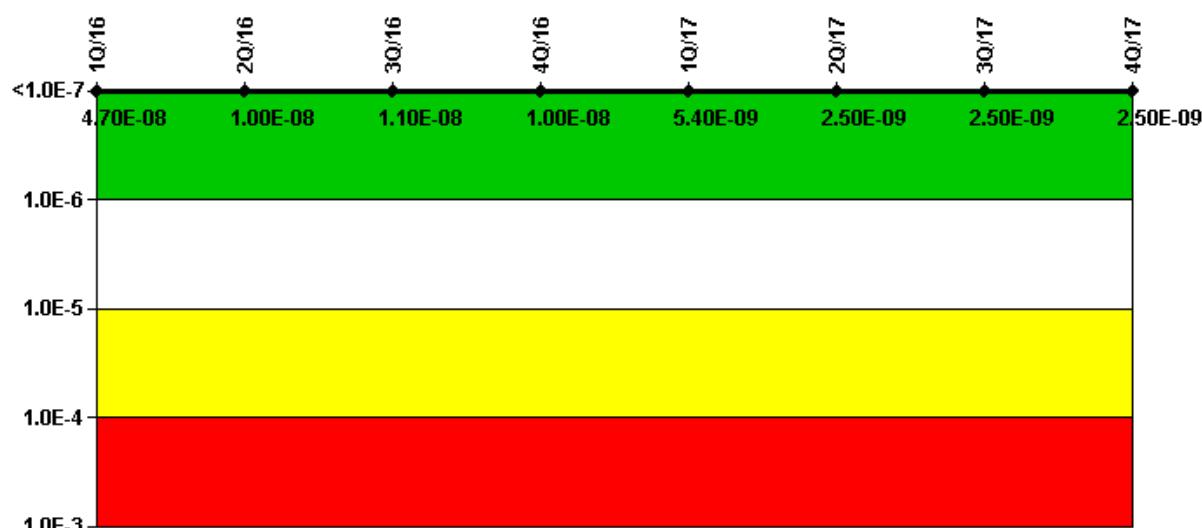
Notes

Safety System Functional Failures (PWR) 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 0 0

Indicator value 0 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****AC Power System**UAI (Δ CDF)

	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
UAI (Δ CDF)	5.86E-08	1.94E-08	1.99E-08	1.96E-08	1.45E-08	1.16E-08	1.15E-08	1.16E-08
URI (Δ CDF)	-1.19E-08	-8.88E-09	-9.17E-09	-9.07E-09	-9.07E-09	-9.07E-09	-9.07E-09	-9.07E-09
PLE	NO							

Indicator value

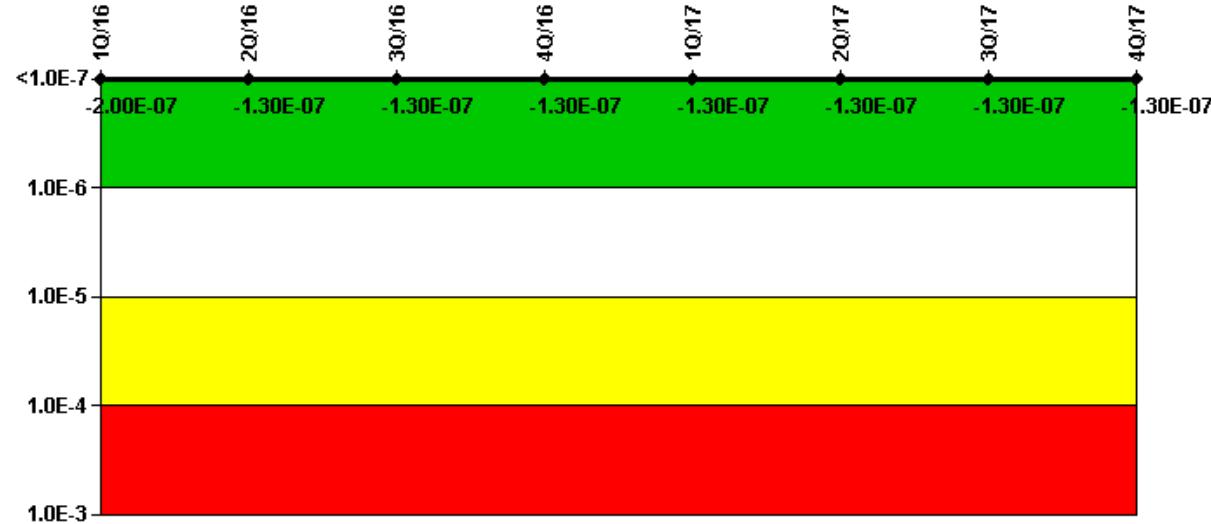
	4.70E-08	1.00E-08	1.10E-08	1.00E-08	5.40E-09	2.50E-09	2.50E-09	2.50E-09
--	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------



Licensee Comments:

3Q/16: Changed PRA Parameter(s).

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA 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 (Δ CDF)	-3.36E-08	-3.00E-08						
URI (Δ CDF)	-1.63E-07	-9.53E-08						
PLE	NO							

Indicator value

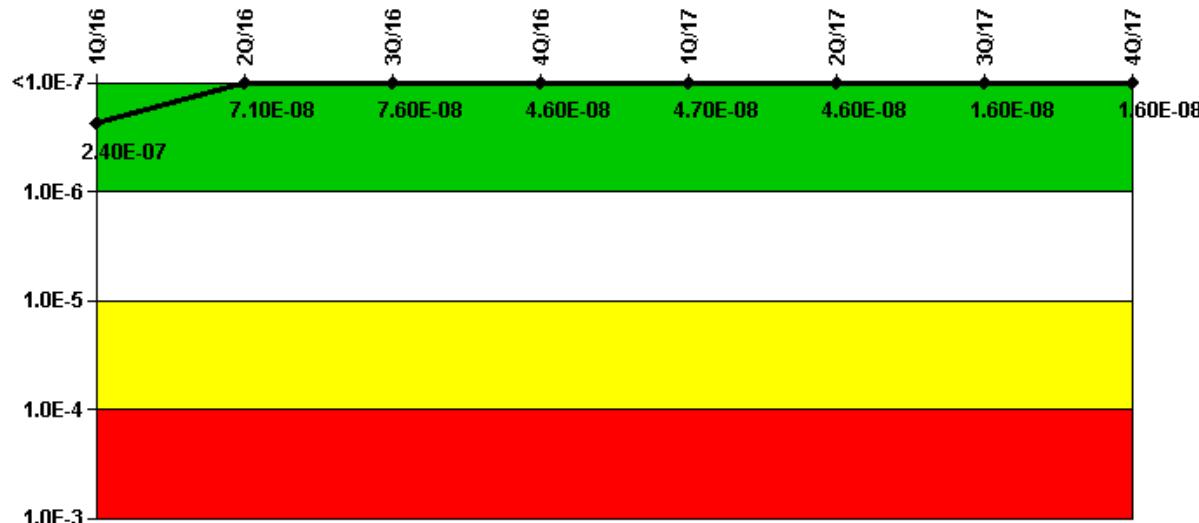
	-2.00E-07	-1.30E-07						
--	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------

 TOP

Licensee Comments:

3Q/16: Changed PRA Parameter(s).

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA 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 (Δ CDF)	1.13E-08	1.56E-08	2.16E-08	1.58E-08	1.74E-08	1.77E-08	1.05E-08	1.03E-08
URI (Δ CDF)	2.25E-07	5.56E-08	5.39E-08	3.00E-08	2.91E-08	2.83E-08	5.84E-09	5.36E-09
PLE	NO							
Indicator value	2.40E-07	7.10E-08	7.60E-08	4.60E-08	4.70E-08	4.60E-08	1.60E-08	1.60E-08

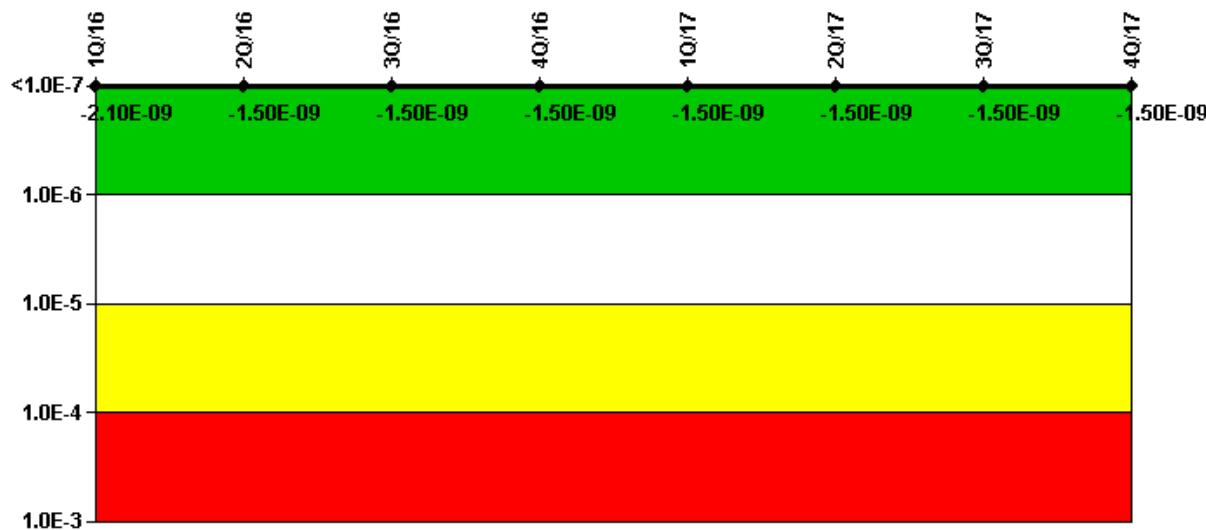
 TOP

Licensee Comments:

3Q/16: Changed PRA Parameter(s).

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA 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

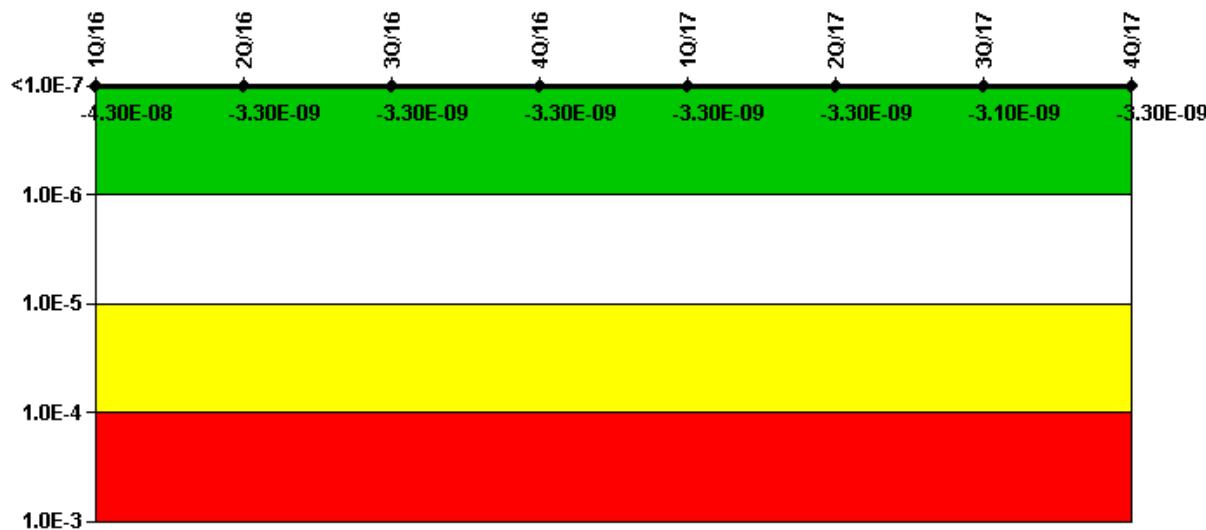
	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
UAI (Δ CDF)	-1.41E-10	-8.27E-11	-6.63E-11	-6.64E-11	-6.63E-11	-6.63E-11	-6.49E-11	-6.49E-11
URI (Δ CDF)	-1.96E-09	-1.40E-09						
PLE	NO							
Indicator value	-2.10E-09	-1.50E-09						

▲ TOP

Licensee Comments:

3Q/16: Changed PRA Parameter(s).

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA 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 (Δ CDF)	-3.11E-08	-2.93E-09	-2.92E-09	-2.92E-09	-2.92E-09	-2.92E-09	-2.74E-09	-3.00E-09
URI (Δ CDF)	-1.20E-08	-3.38E-10						
PLE	NO							
Indicator value	-4.30E-08	-3.30E-09	-3.30E-09	-3.30E-09	-3.30E-09	-3.30E-09	-3.10E-09	-3.30E-09

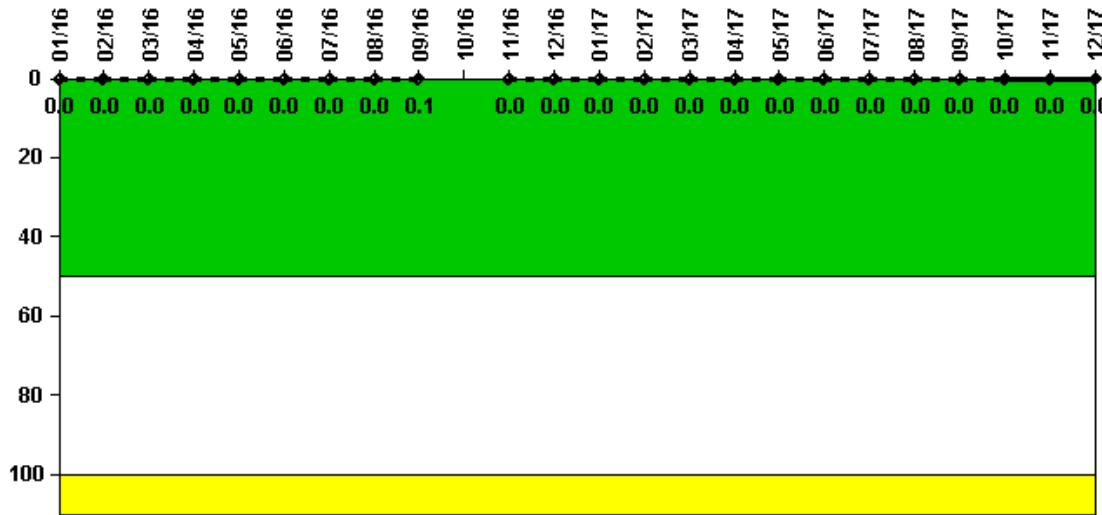
▲ TOP

Licensee Comments:

3Q/16: Changed PRA Parameter(s).

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

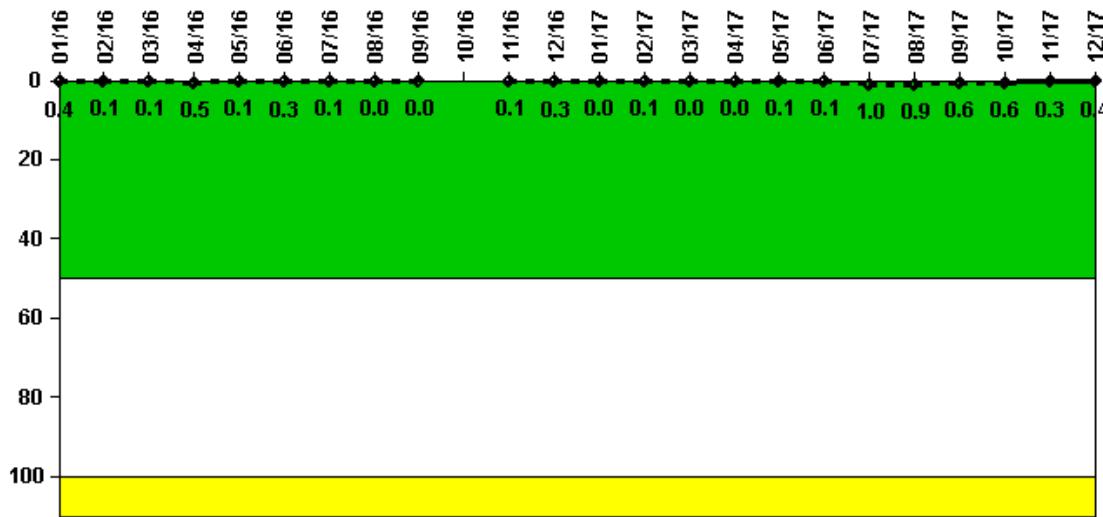
Notes

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	0.000357	0.000360	0.000373	0.000364	0.000390	0.000381	0.000420	0.000357	0.000529	N/A	0.000214	0.000228
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0.1	N/A	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	0.000248	0.000258	0.000258	0.000277	0.000374	0.000291	0.000287	0.000283	0.000305	0.000328	0.000321	0.000353
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

TOP

Licensee Comments:

6/16: U1 April 2016 data corrected.

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 0.036 0.013 0.011 0.050 0.009 0.029 0.011 0.001 0.002 N/A 0.005 0.027

Technical specification limit 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0

Indicator value 0.4 0.1 0.1 0.5 0.1 0.3 0.1 0 0 N/A 0.1 0.3

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

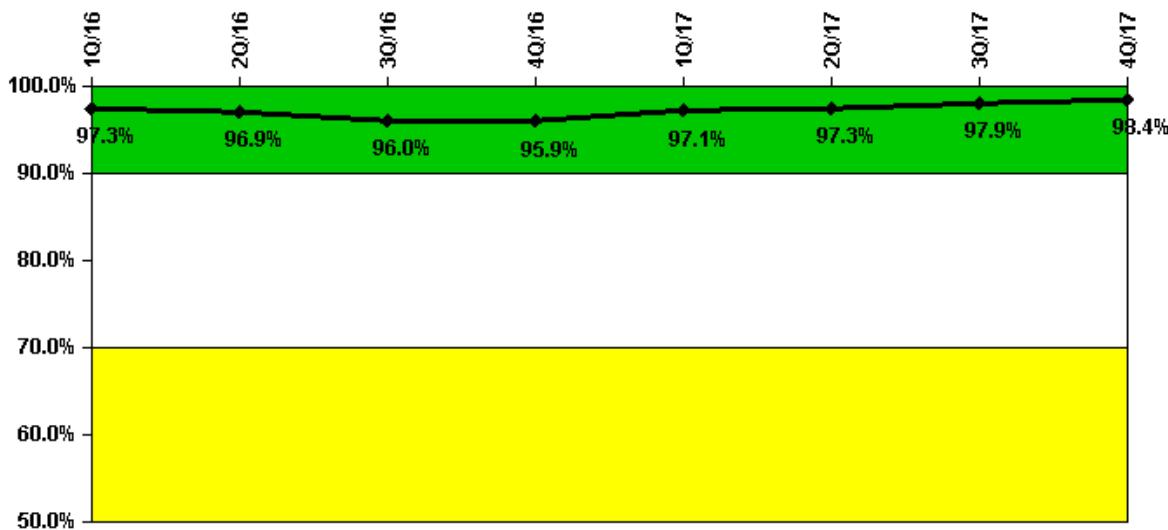
Maximum leakage 0.004 0.005 0.002 0 0.005 0.005 0.095 0.086 0.063 0.063 0.028 0.038

Technical specification limit 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0

Indicator value 0 0.1 0 0 0.1 0.1 1.0 0.9 0.6 0.6 0.3 0.4

TOP

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	17.0	17.0	25.0	24.0	44.0	46.0	36.0	33.0
Total opportunities	18.0	17.0	27.0	24.0	44.0	46.0	37.0	33.0

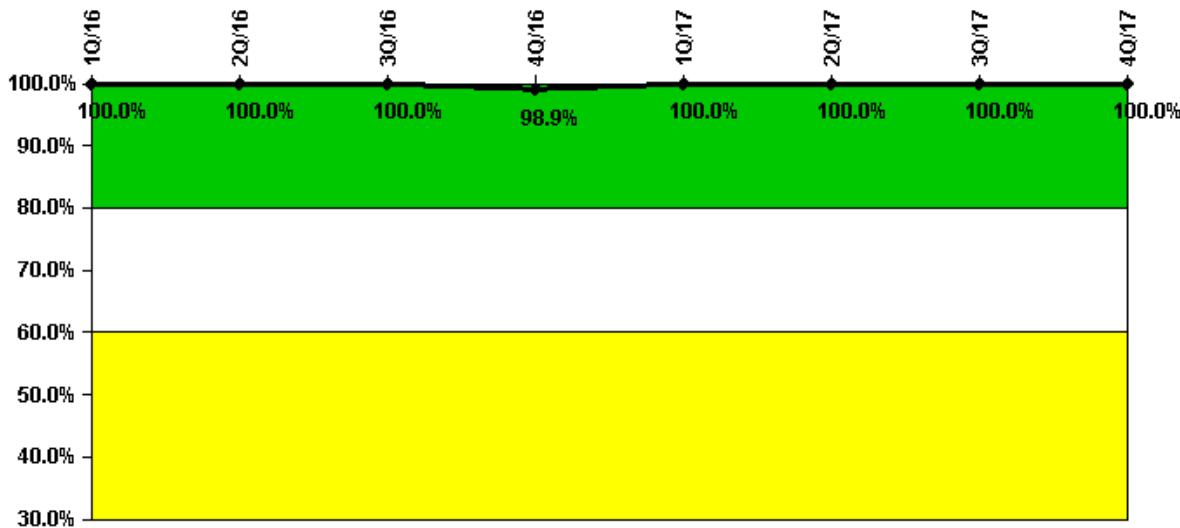
Indicator value **97.3% 96.9% 96.0% 95.9% 97.1% 97.3% 97.9% 98.4%**

TOP

Licensee Comments:

3Q/16: One drill/exercise opportunity currently under evaluation but conservatively reported as a failed opportunity. Pending final resolution this PI may change.

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

Notes

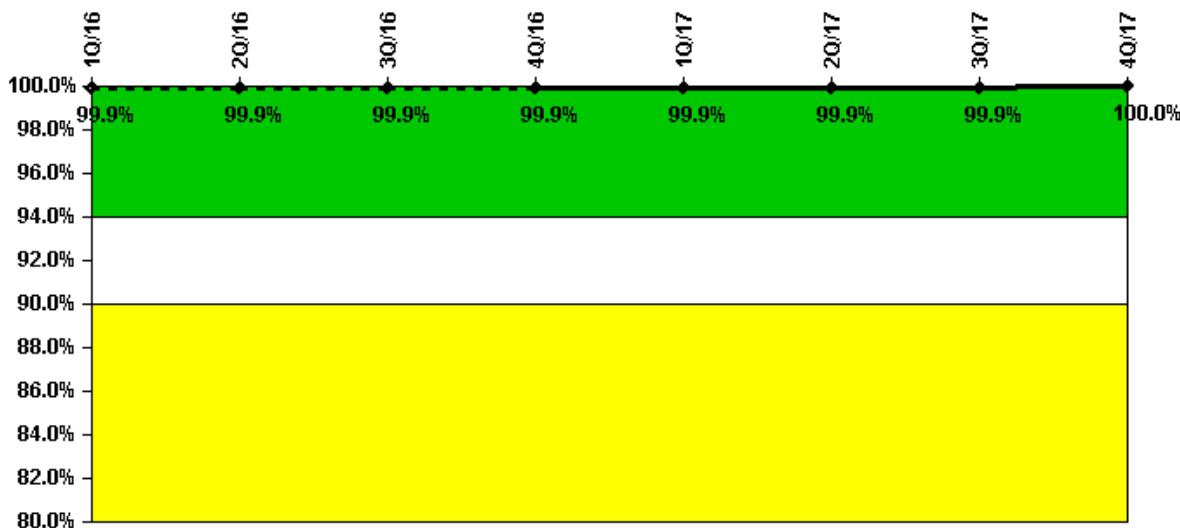
ERO Drill Participation	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Participating Key personnel	83.0	83.0	79.0	86.0	86.0	84.0	76.0	76.0
Total Key personnel	83.0	83.0	79.0	87.0	86.0	84.0	76.0	76.0

Indicator value 100.0% 100.0% 100.0% 98.9% 100.0% 100.0% 100.0% 100.0%

TOP

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

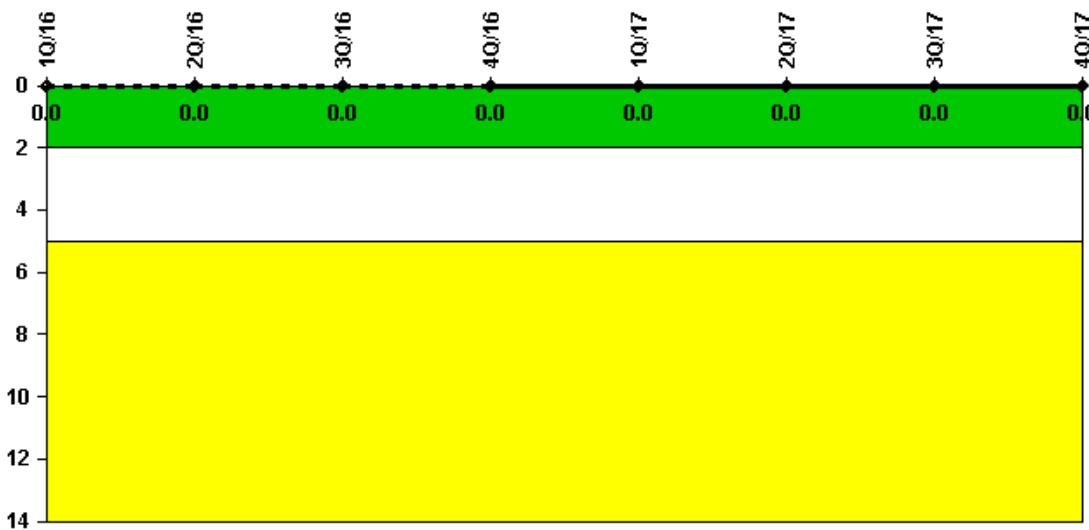
Notes

Alert & Notification System	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Successful siren-tests	630	629	720	629	629	720	540	720
Total sirens-tests	630	630	720	630	630	720	540	720

Indicator value 99.9% 99.9% 99.9% 99.9% 99.9% 99.9% 99.9% 100.0%

TOP

Licensee Comments: none

Occupational Exposure Control Effectiveness

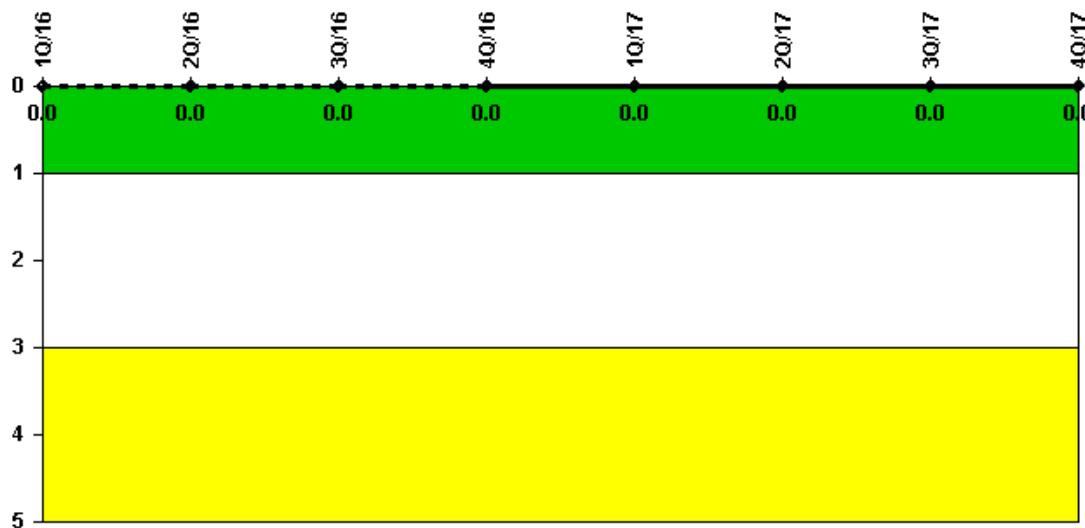
Thresholds: White > 2.0 Yellow > 5.0

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
Indicator value	0							

TOP

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

▲ TOP

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