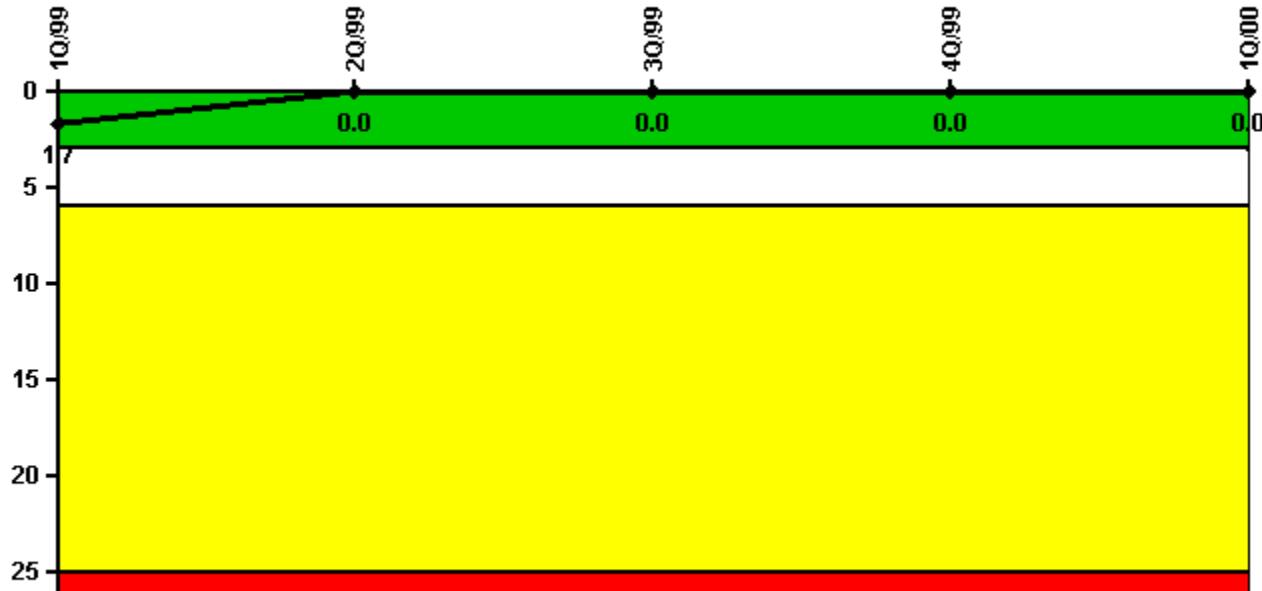


Dresden 2**1Q/2000 Performance Indicators**

Licensee's General Comments: The first quarter performance indicator (PI) data elements were prepared in accordance with NEI 99-02 {Draft Revision D} and NRC Regulatory Issues Summary 2000-08. An initiative to ensure that the NEI 99-02 guidelines are consistently applied to the Safety System Unavailability (SSU) Performance Indicators (PIs) amongst the 10 ComEd plants were completed. Changes to the historical SSU PI data have been submitted. These changes did not result in any color change to the SSU indicators.

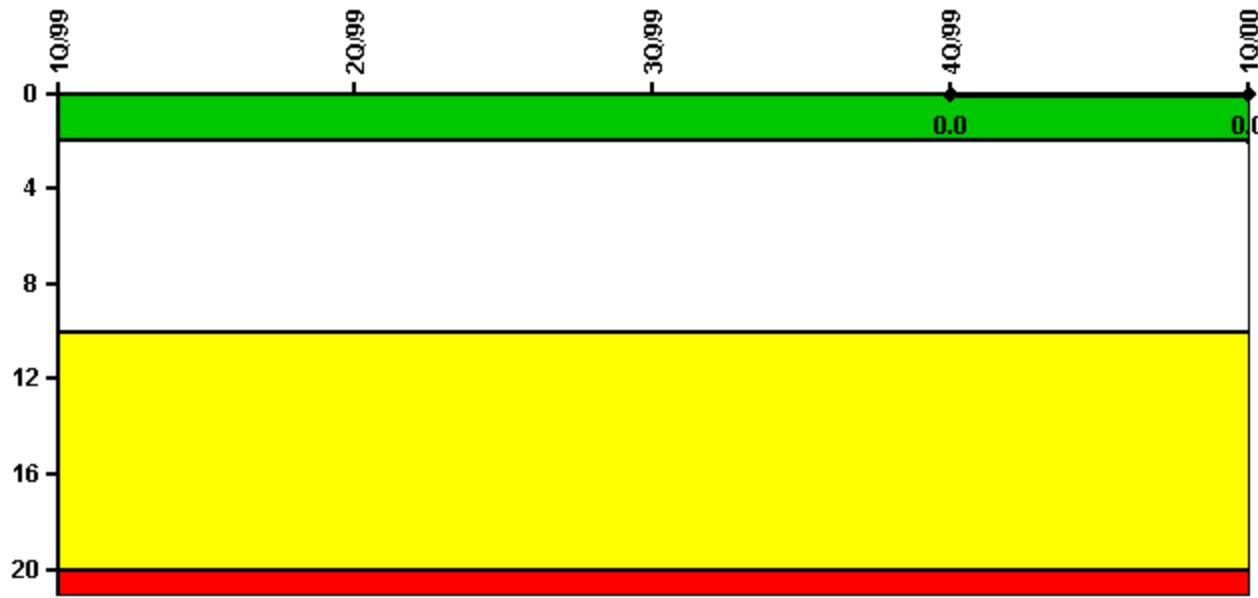
Unplanned Scrams per 7000 Critical Hrs

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	0	0	0
Critical hours	2160.0	2183.0	2208.0	1617.7	2184.0
Indicator value	1.7	0	0	0	0

Licensee Comments: none

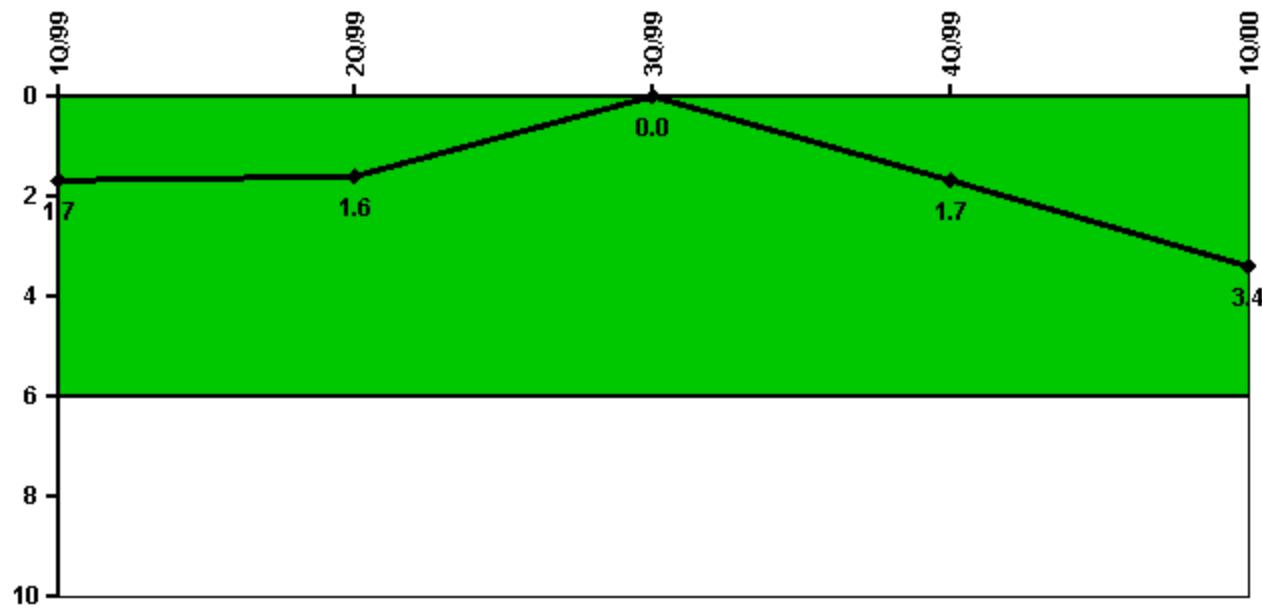
Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	1Q/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	0	2.0	2.0
Critical hours	2160.0	2183.0	2208.0	1617.7	2184.0
Indicator value	1.7	1.6	0	1.7	3.4

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	6.25	86.20	32.75	6.25	9.31
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2184.00
Train 2					
Planned unavailable hours	7.75	65.05	31.00	6.25	78.41
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2184.00
Indicator value				1.8%	2.0%

Licensee Comments:

4Q/99: Data reported through fourth quarter 1999 is in accordance with WANO/INPO guidelines. Re-validation plan of this data is in progress with final validation reported in April 2000 report. A review of our EDG historical data was performed for the purposes of reconstructing unreported (to WANO) fault exposure hours. It was determined that there was none. UPDATE (04-20-00): Validation of data have been completed and changes have been completed. These changes did not result in any color change to this indicator. An initiative to ensure that the NEI 99-02 guidelines are consistently applied to the Safety System Unavailability (SSU) Performance Indicators (PIs) amongst the 10 ComEd plants was completed.

Safety System Unavailability, High Pressure Injection System (HPCI)



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

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	11.35	18.54	89.53	0.95	159.22
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	1617.68	2184.00
Indicator value				1.6%	2.0%

Licensee Comments:

4Q/99: Data reported through fourth quarter 1999 is in accordance with WANO/INPO guidelines. Re-validation plan of this data is in progress with final validation reported in April 2000 report. UPDATE (04-20-00): Validation of data have been completed and changes have been completed. These changes did not result in any color change to this indicator. An initiative to ensure that the NEI 99-02 guidelines are consistently applied to the Safety System Unavailability (SSU) Performance Indicators (PIs) amongst the 10 ComEd plants was completed.

Safety System Unavailability, Heat Removal System

Thresholds under development / review

Notes

Safety System Unavailability, Heat Removal System	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	13.46	10.37	17.60	7.03	56.33
Unplanned unavailable hours	0	0	0	0	6.23
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	1617.68	2184.00
Indicator value				1.0%	1.0%

Licensee Comments:

4Q/99: Data reported through fourth quarter 1999 is in accordance with WANO/INPO guidelines. Re-validation plan of this data is in progress with final validation reported in April 2000 report. UPDATE (04-20-00): Validation of data have been completed and changes have been completed. These changes did not result in any color change to this indicator. An initiative to ensure that the NEI 99-02 guidelines are consistently applied to the Safety System Unavailability (SSU) Performance Indicators (PIs) amongst the 10 ComEd plants was completed.

Safety System Unavailability, Residual Heat Removal System



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

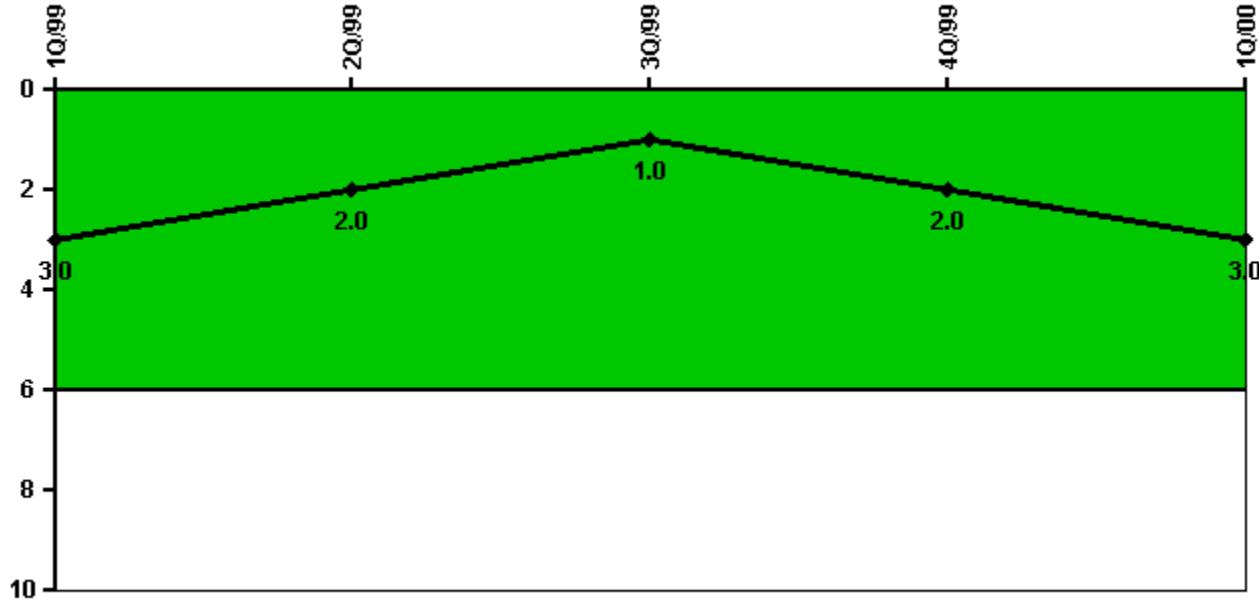
Notes

Safety System Unavailability, Residual Heat Removal System		1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1						
Planned unavailable hours		0	48.30	79.52	62.08	2.76
Unplanned unavailable hours		0	0	0	0	0
Fault exposure hours		0	0	0	0	0
Effective Reset hours		0	0	0	0	0
Required hours		2160.00	2183.00	2208.00	2209.00	2184.00
Train 2						
Planned unavailable hours		0	73.00	23.08	0.05	2.32
Unplanned unavailable hours		0	0	0	0	0
Fault exposure hours		0	0	0	0	0
Effective Reset hours		0	0	0	0	0
Required hours		2160.00	2183.00	2208.00	2209.00	2184.00
Train 3						
Planned unavailable hours		0	0	143.50	0	0
Unplanned unavailable hours		0	0	0	6.40	0
Fault exposure hours		0	0	0	0	0
Effective Reset hours		0	0	0	0	0
Required hours		2160.00	2183.00	2208.00	2209.00	2184.00
Train 4						
Planned unavailable hours		0	0	143.50	0	0
Unplanned unavailable hours		0	0	0	6.40	0
Fault exposure hours		0	0	0	0	0
Effective Reset hours		0	0	0	0	0
Required hours		2160.00	2183.00	2208.00	2209.00	2184.00
Indicator value					0.6%	0.6%

Licensee Comments:

4Q/99: Data reported through fourth quarter 1999 is in accordance with WANO/INPO guidelines. Re-validation plan of this data is in progress with final validation reported in April 2000 report. UPDATE (04-20-00): Validation of data have been completed and changes have been completed. These changes did not result in any color change to this indicator. An initiative to ensure that the NEI 99-02 guidelines are consistently applied to the Safety System Unavailability (SSU) Performance Indicators (PIs) amongst the 10 ComEd plants was completed.

Safety System Functional Failures (BWR)



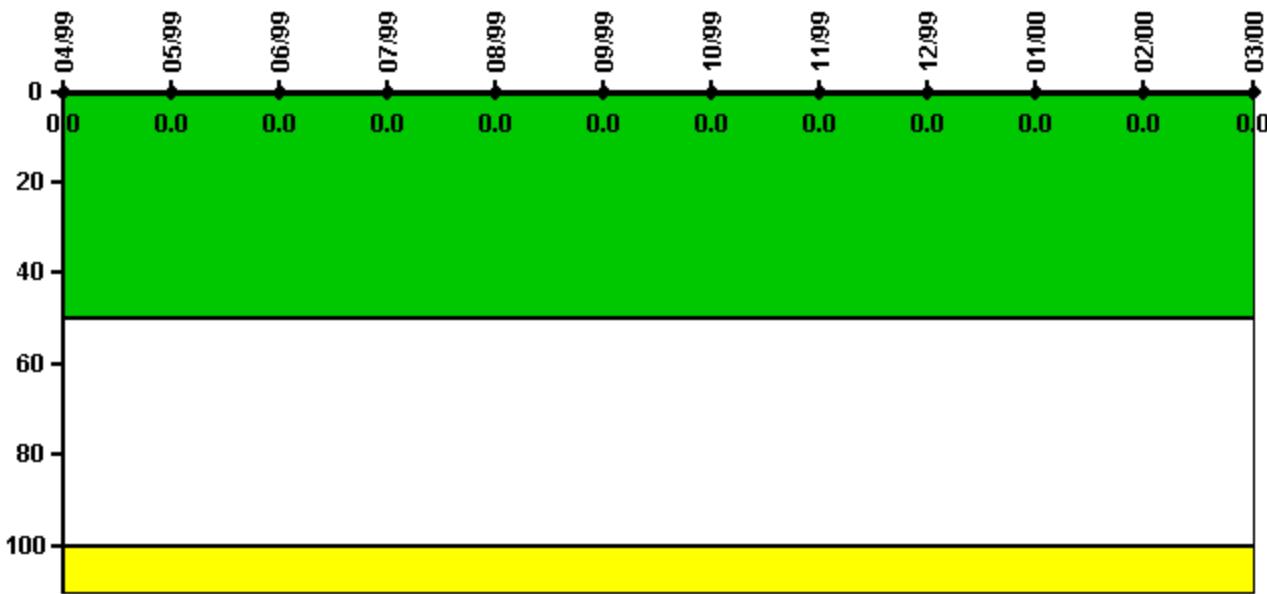
Thresholds: White > 6.0

Notes

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

Licensee Comments:

1Q/00: After evaluation of February 1998 data, LER #98-001 Supplement 1, no data change is required.

Reactor Coolant System Activity

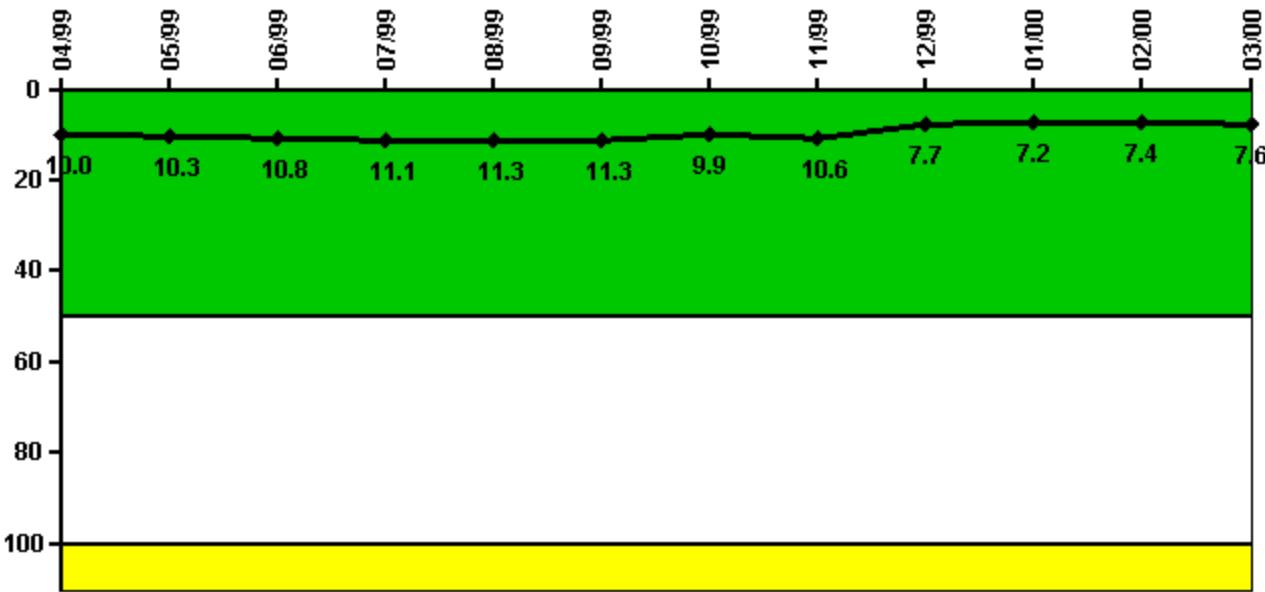
Thresholds: White > 50.0 Yellow > 100.0

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	0.000035	0.000027	0.000028	0.000060	0.000036	0.000037	0.000024	0.000007	0.000030	0.000010	0.000002	0.000023
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	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	4/99	5/99	6/99	7/99	8/99	9/99	10/99	11/99	12/99	1/00	2/00	3/00
Maximum leakage	2.512	2.573	2.708	2.772	2.827	2.830	2.480	2.655	1.930	1.802	1.850	1.905
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	10.0	10.3	10.8	11.1	11.3	11.3	9.9	10.6	7.7	7.2	7.4	7.6

Licensee Comments:

3/00: There are 27 days of previously missing data that has been located. The corrective action is to perform an analysis of data and submit any changes in the second quarter 2000 report.

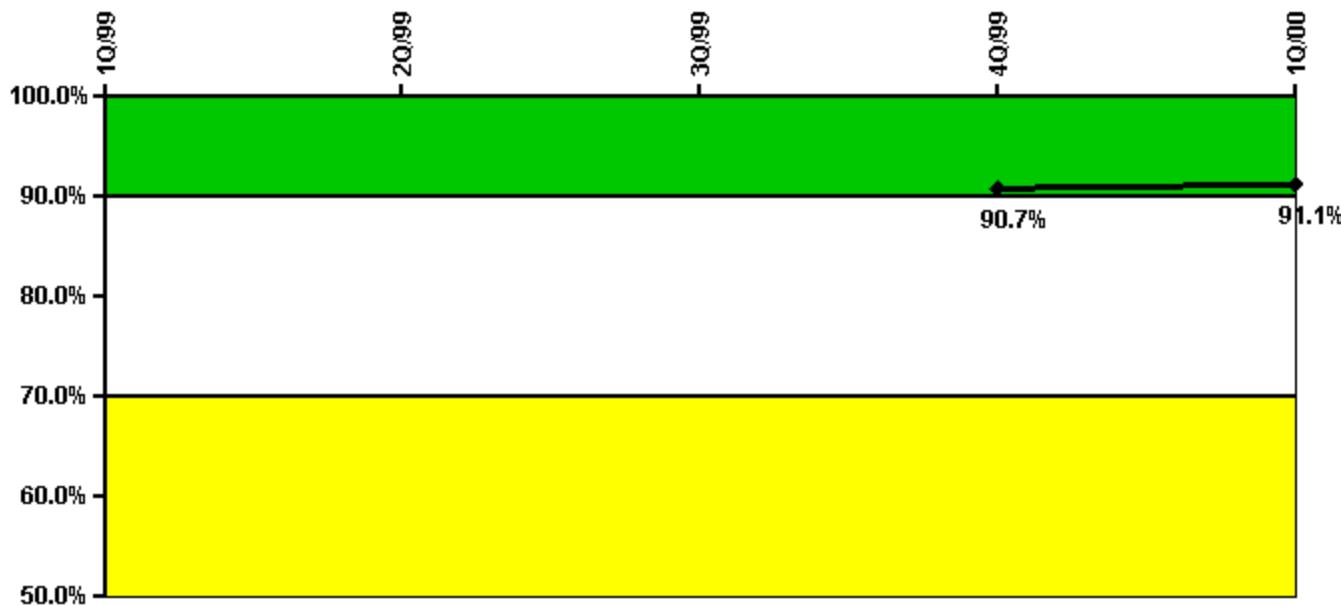
3/00: There are 27 days of previously missing data that has been located. The corrective action is to perform an analysis of data and submit any changes in the second quarter 2000 report.

3/99: February 1999 data changed due to review of missing weeks of data. This change did not result in change of color to this indicator.

12/98: December 1998 data changed due to review of missing weeks of data. This change did not result in change of color to this indicator.

9/98: August 1998 data changed due to review of missing weeks of data. This change did not result in change of color to this indicator.

6/98: June 1998 data changed due to review of missing weeks of data. This change did not result in change of color to this indicator.

Drill/Exercise Performance

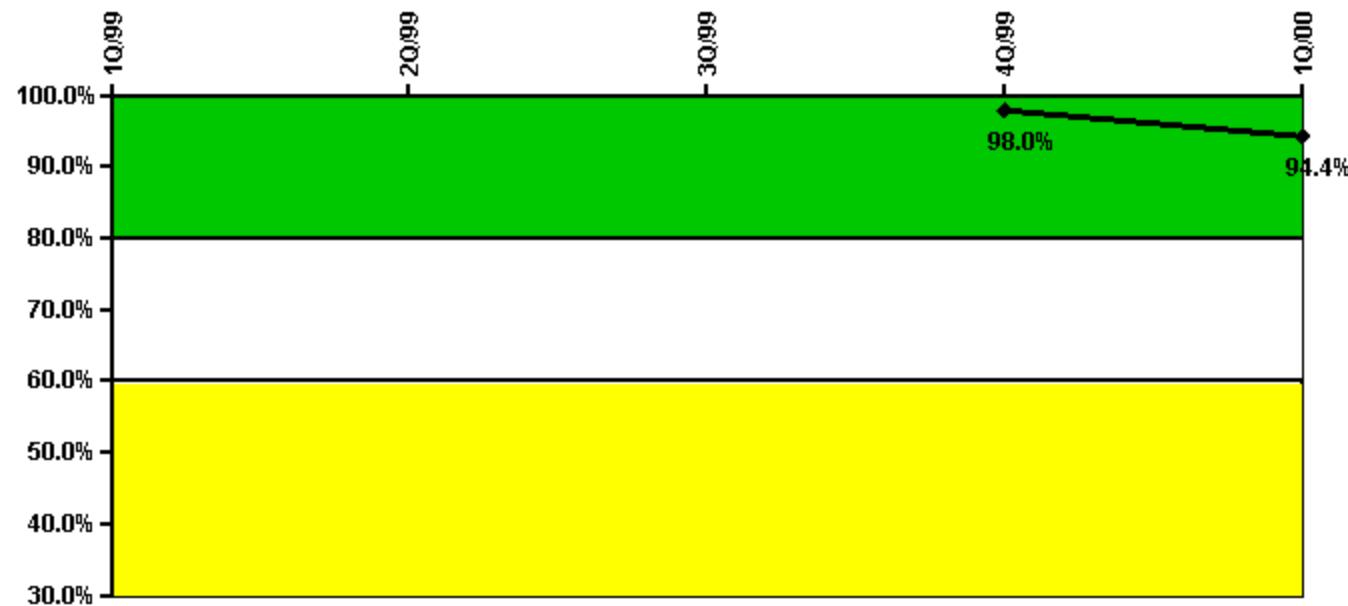
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Successful opportunities	7.0	23.0	28.0	52.0	6.0
Total opportunities	8.0	24.0	32.0	58.0	6.0
Indicator value				90.7%	91.1%

Licensee Comments: none

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

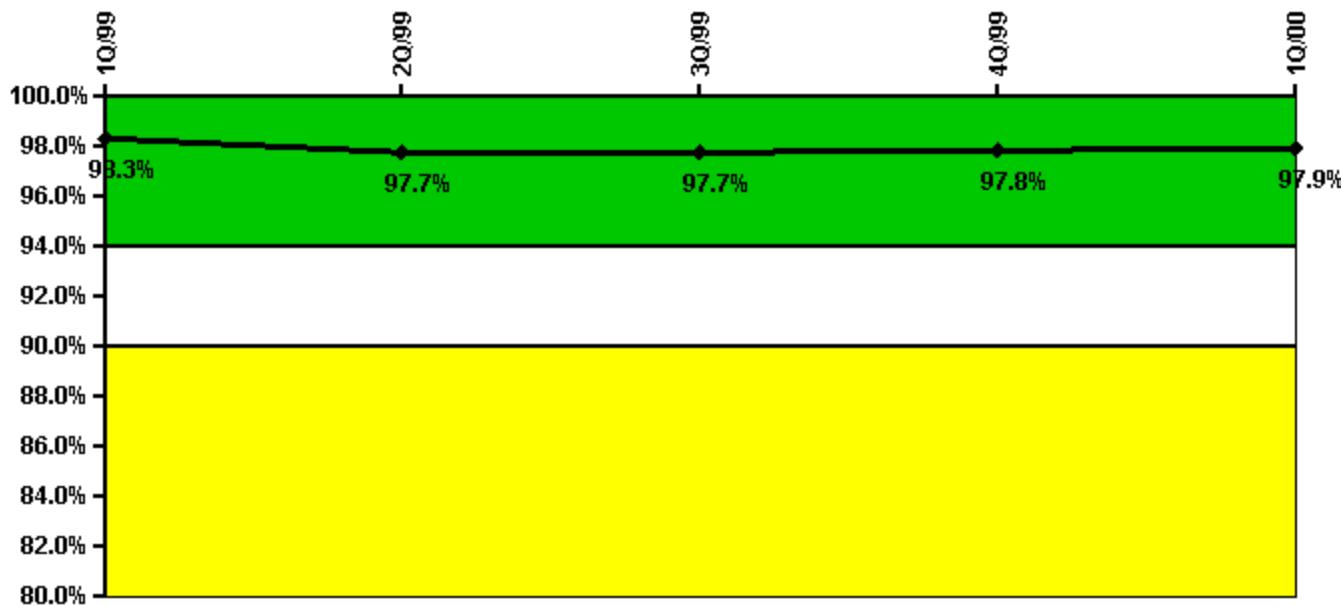
Notes

ERO Drill Participation	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Participating Key personnel				49.0	51.0
Total Key personnel				50.0	54.0
Indicator value				98.0%	94.4%

Licensee Comments:

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

Alert & Notification System

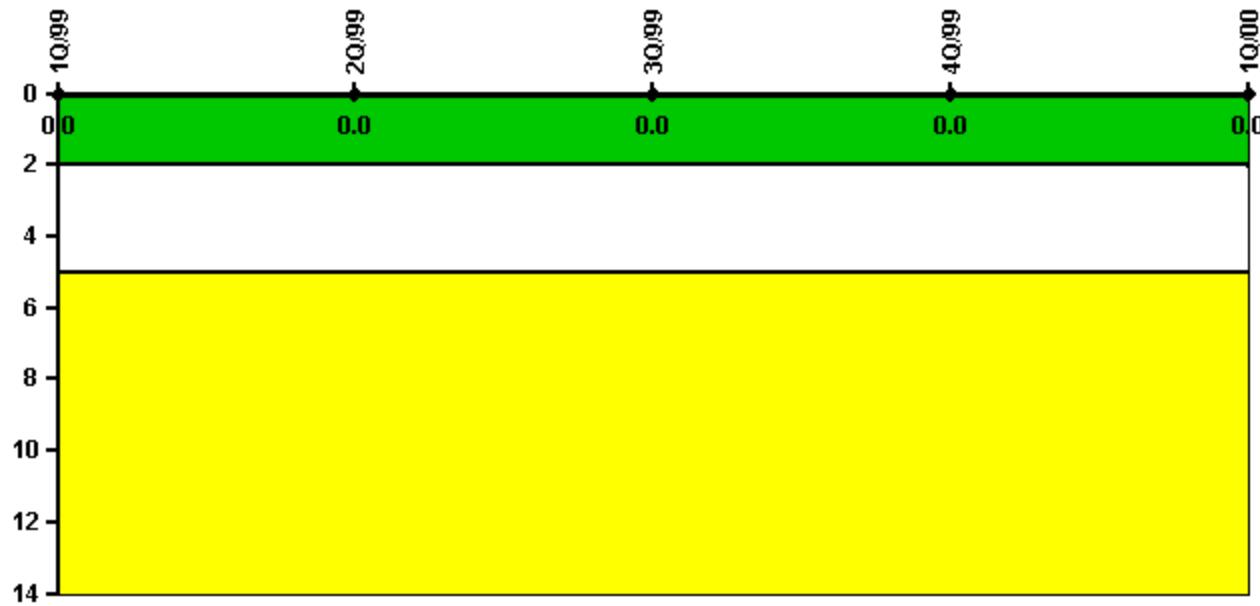


Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Successful siren-tests	4872	4830	5051	4949	4960
Total sirens-tests	4977	5056	5135	4977	5056
Indicator value	98.3%	97.7%	97.7%	97.8%	97.9%

Licensee Comments: none

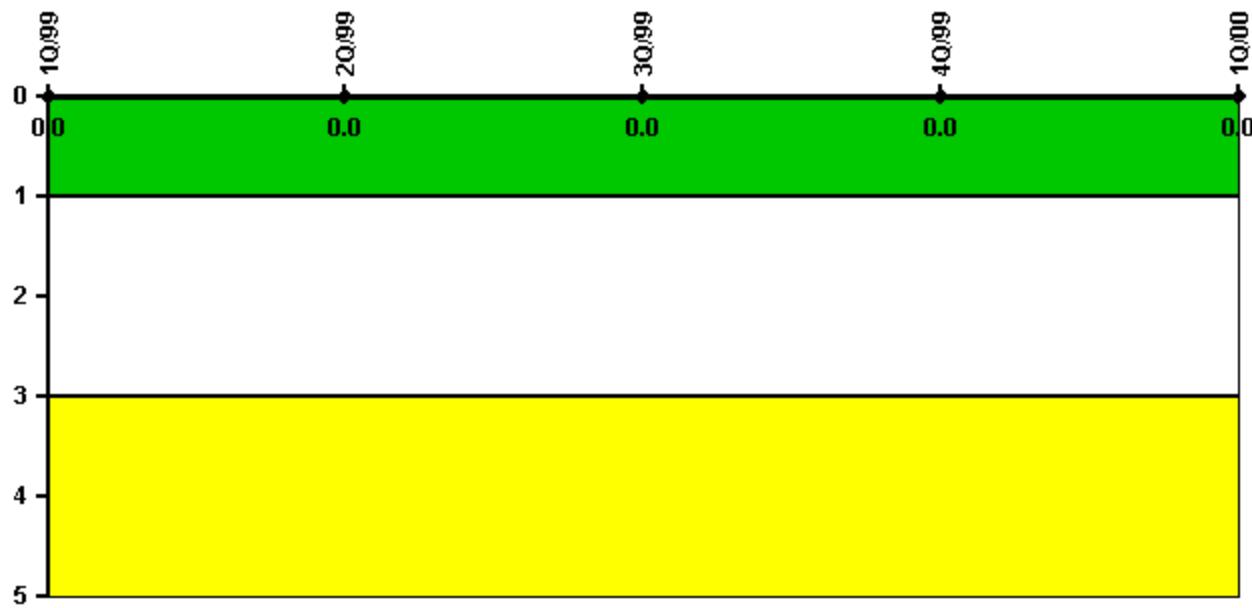
Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
High radiation area occurrences	0	0	0	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

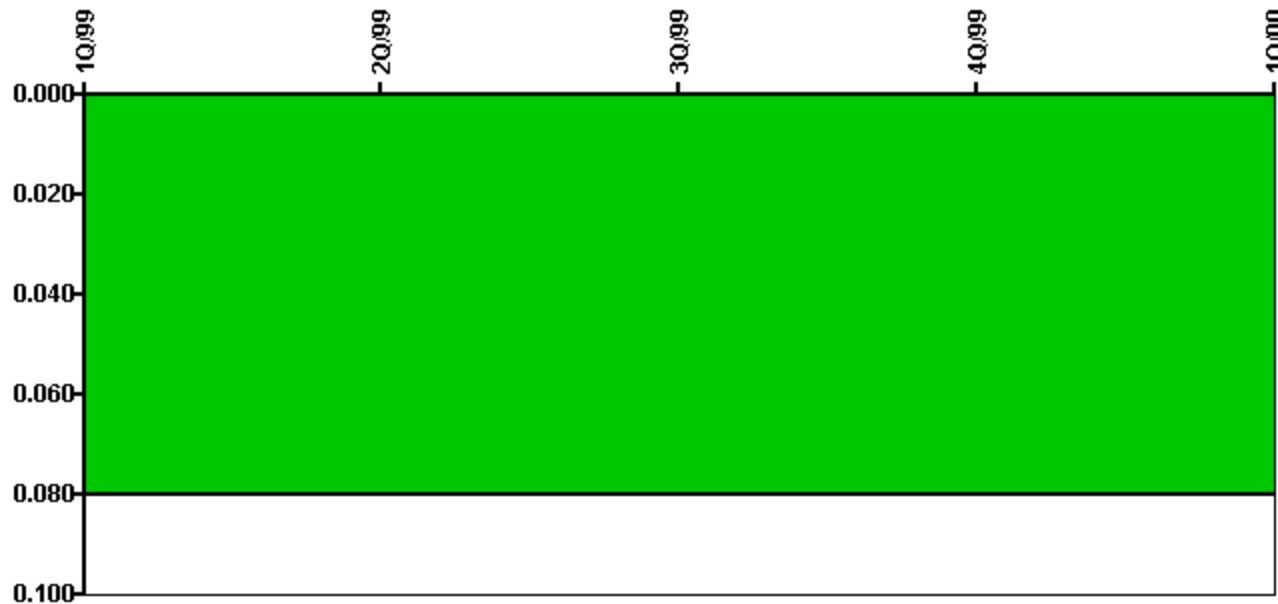
Thresholds: White > 1.0 Yellow > 3.0

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

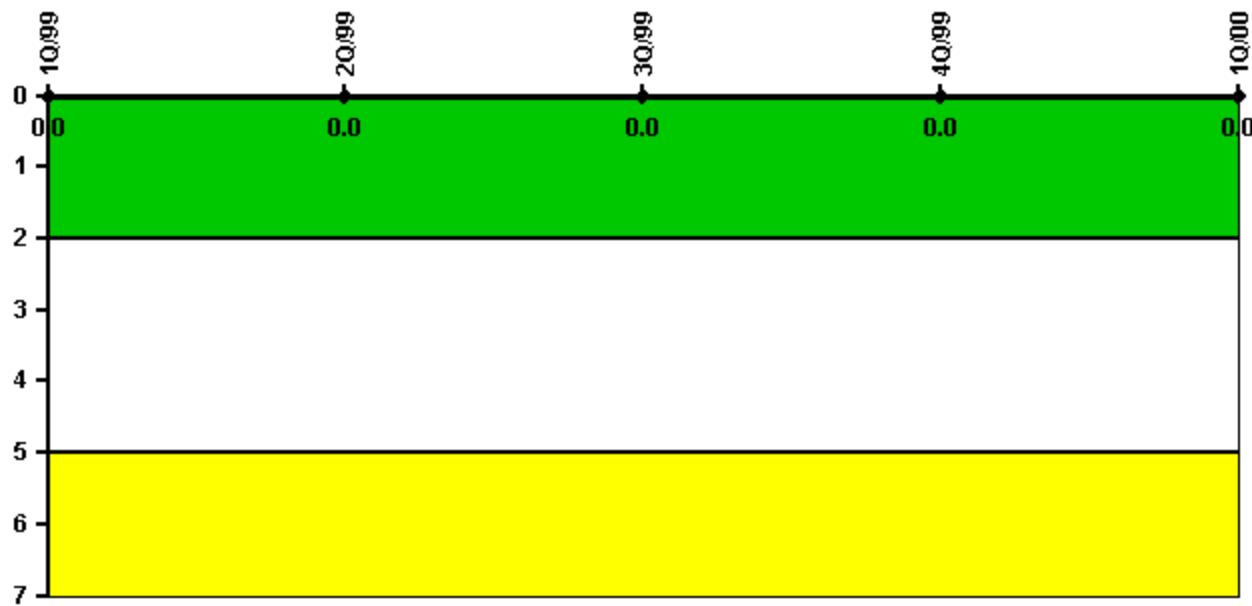
Notes

Protected Area Security Performance Index	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
IDS compensatory hours	931.90	1071.00	1810.20	258.80	14.80
CCTV compensatory hours	0	0	0	0	0
IDS normalization factor	1.30	1.30	1.30	1.30	1.30
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0
Index Value	0.188	0.196	0.199	0.179	0.139

Licensee Comments:

1Q/00: The Station has resolved maintenance of security equipment issues through a comprehensive action plan. The action plan has been implemented and is expected to turn this indicator green by August 2000.

Personnel Screening Program

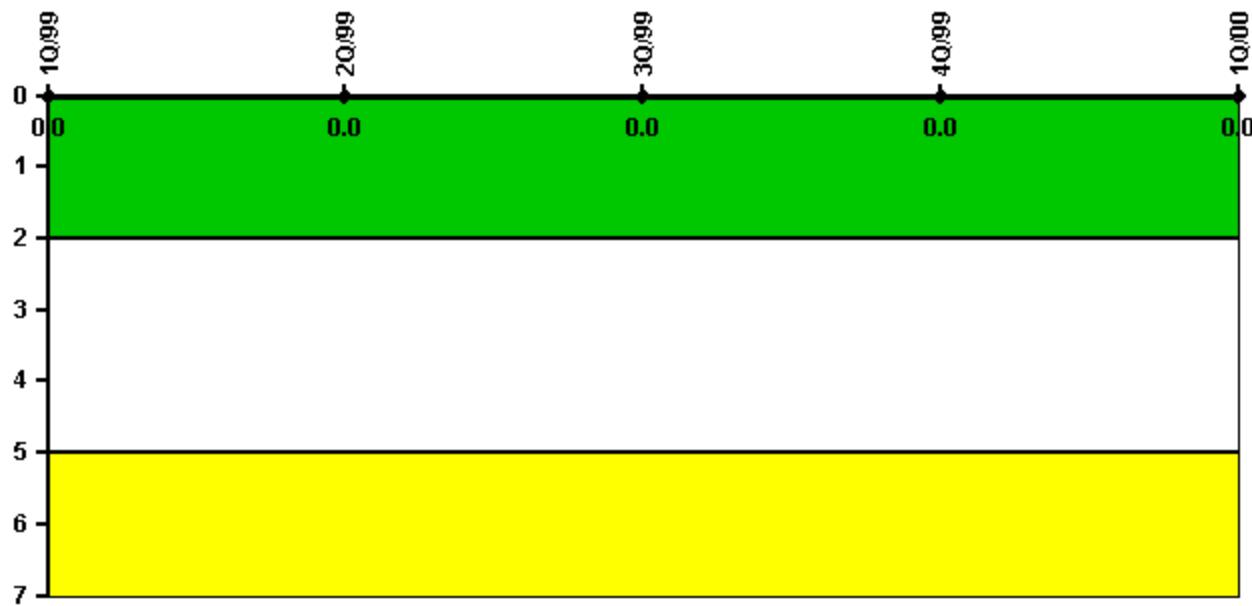


Thresholds: White > 2.0 Yellow > 5.0

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

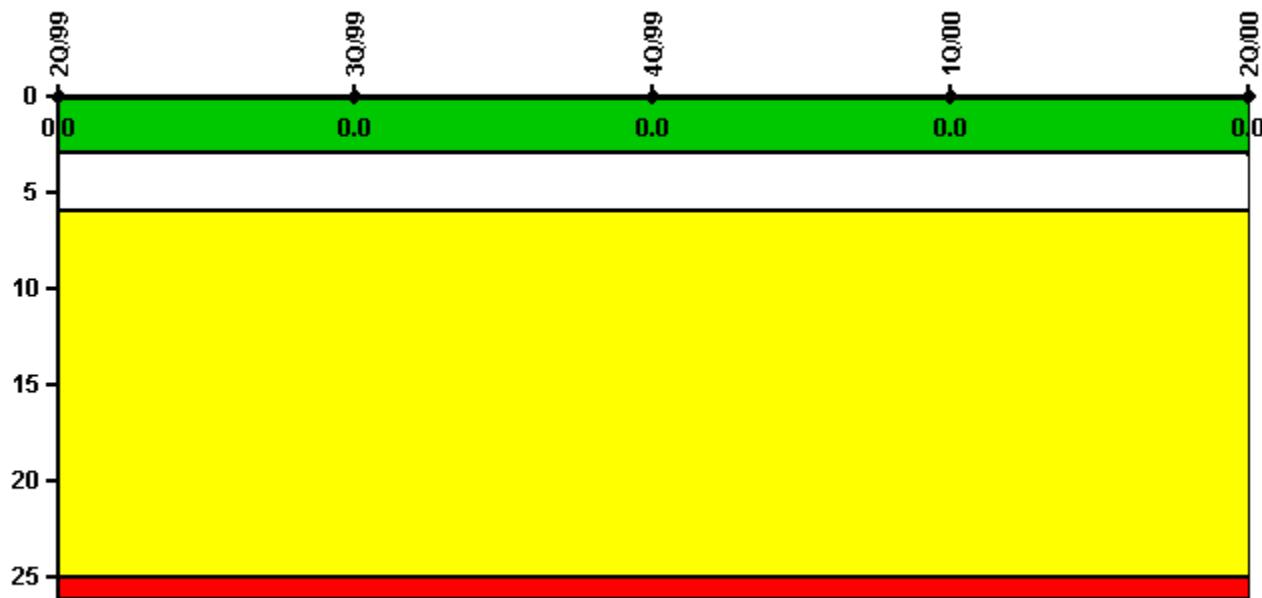


[PI Summary](#) | [Inspection Findings Summary](#) | [Reactor Oversight Process](#)

Last Modified: April 1, 2002

Dresden 2**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	0	0	0	0
Critical hours	2183.0	2208.0	1617.7	2184.0	2183.0
Indicator value	0	0	0	0	0

Licensee Comments: none

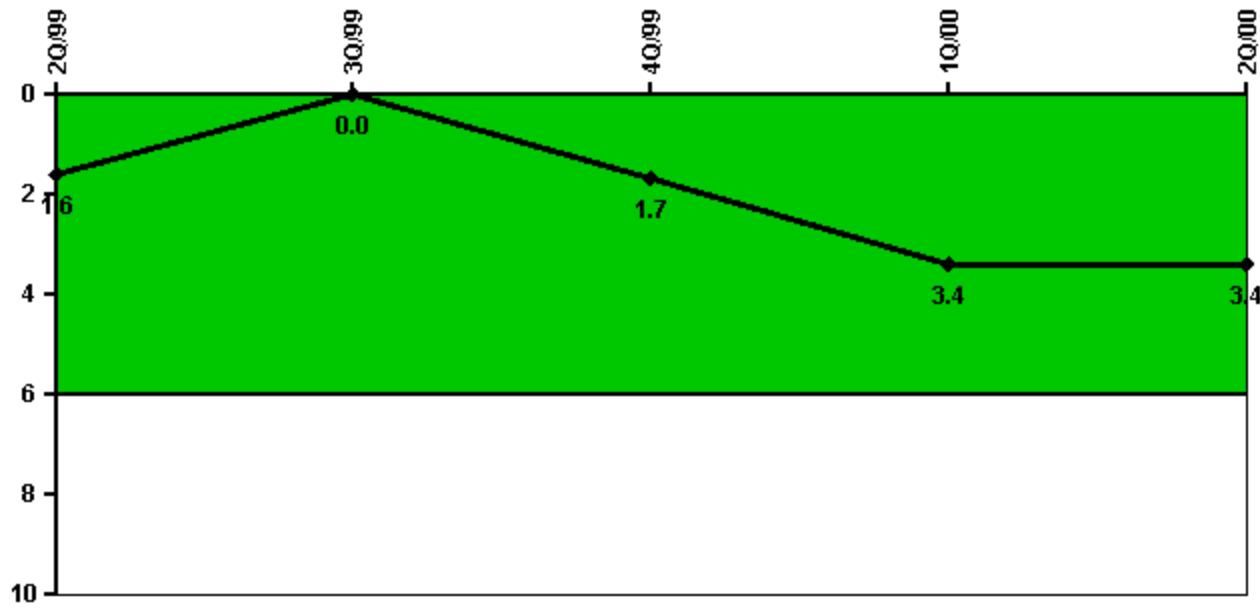
Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

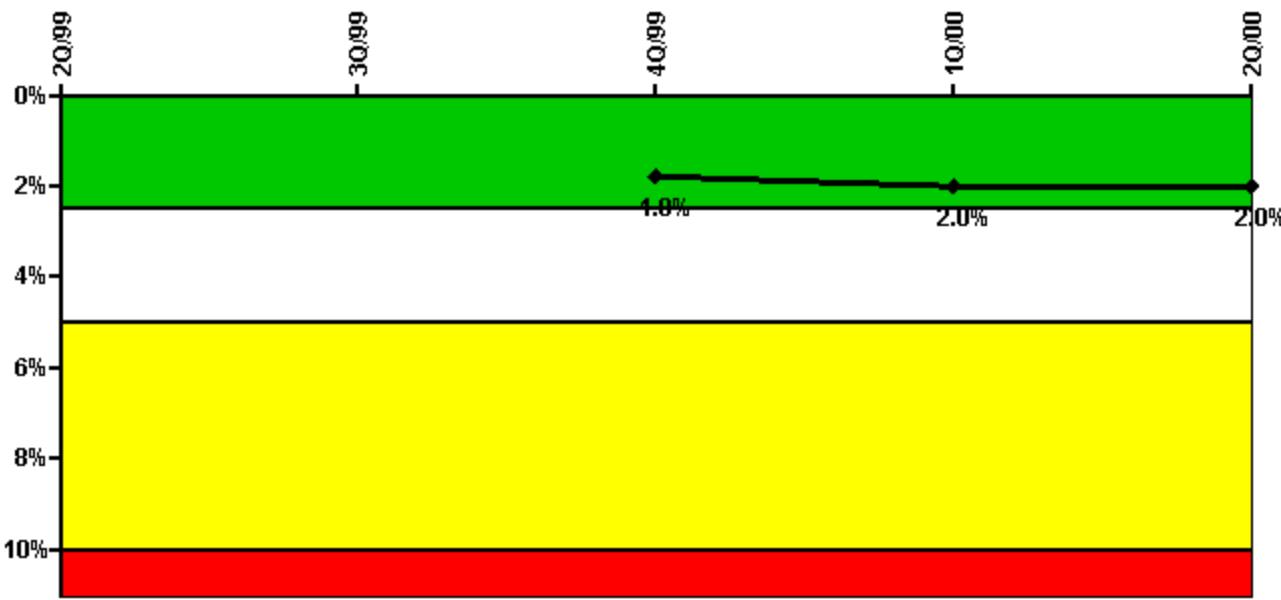
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Unplanned power changes	0	0	2.0	2.0	0
Critical hours	2183.0	2208.0	1617.7	2184.0	2183.0
Indicator value	1.6	0	1.7	3.4	3.4

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



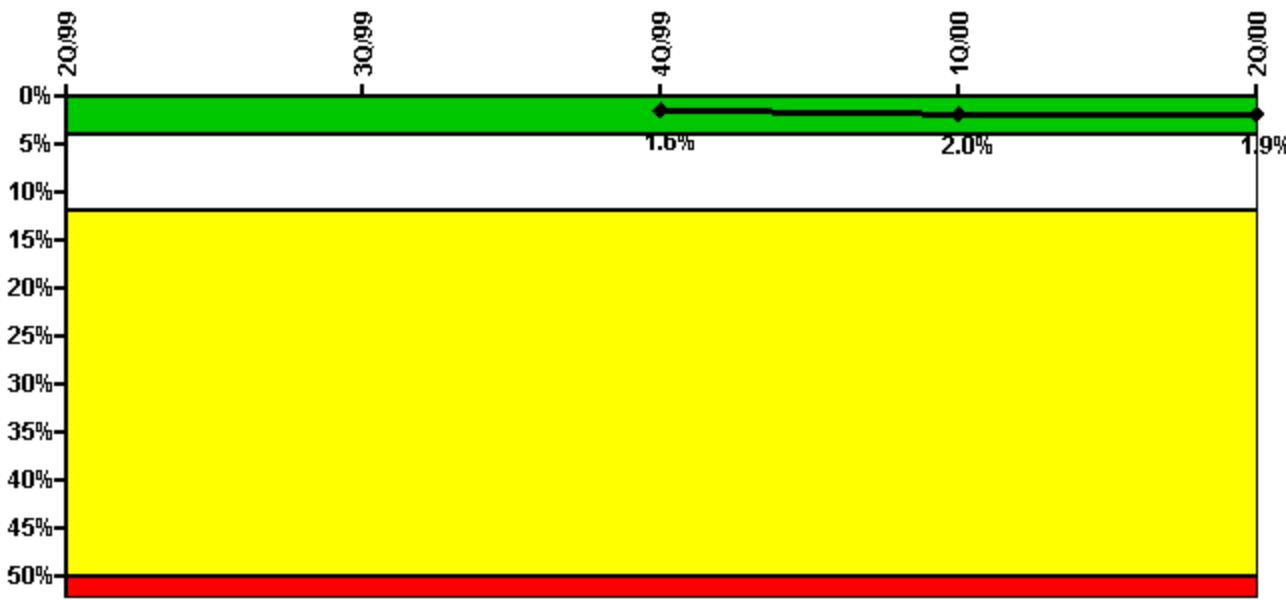
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	86.20	32.75	6.25	9.31	9.34
Unplanned unavailable hours	0	0	0	0	43.00
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2183.00
Train 2					
Planned unavailable hours	65.05	31.00	6.25	78.41	7.53
Unplanned unavailable hours	0	0	0	0	12.75
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2183.00
Indicator value			1.8%	2.0%	2.0%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)



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

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	18.54	89.53	0.95	159.22	2.66
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	1617.68	2184.00	2183.00
Indicator value			1.6%	2.0%	1.9%

Licensee Comments: none

Safety System Unavailability, Heat Removal System

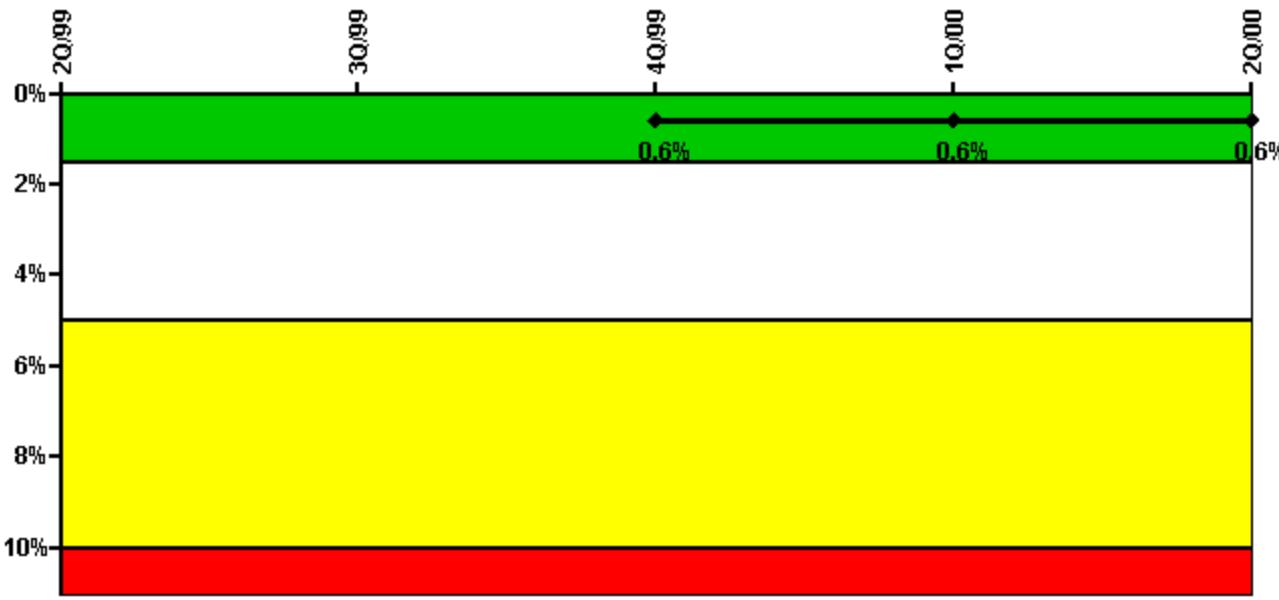
Thresholds under development / review

Notes

Safety System Unavailability, Heat Removal System	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	10.37	17.60	7.03	56.33	
Unplanned unavailable hours	0	0	0	6.23	
Fault exposure hours	0	0	0	0	
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	1617.68	2184.00	
Indicator value			1.0%	1.0%	

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



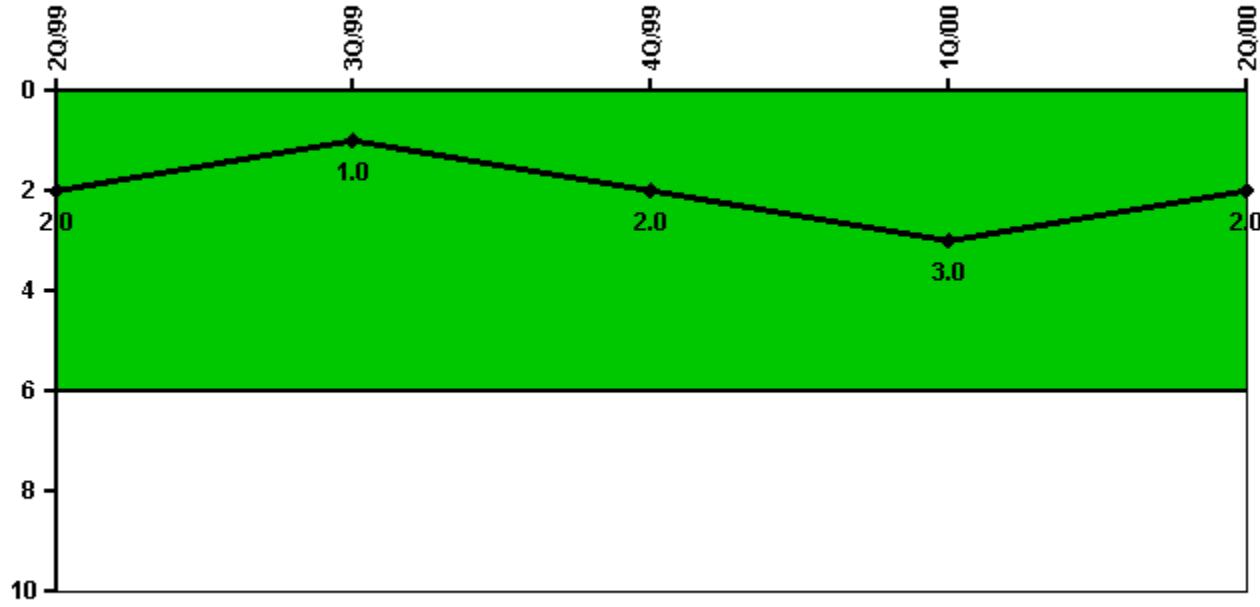
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System		2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1						
Planned unavailable hours		48.30	79.52	62.08	2.76	0.18
Unplanned unavailable hours		0	0	0	0	0
Fault exposure hours		0	0	0	0	0
Effective Reset hours		0	0	0	0	0
Required hours		2183.00	2208.00	2209.00	2184.00	2183.00
Train 2						
Planned unavailable hours		73.00	23.08	0.05	2.32	0.18
Unplanned unavailable hours		0	0	0	0	0
Fault exposure hours		0	0	0	0	0
Effective Reset hours		0	0	0	0	0
Required hours		2183.00	2208.00	2209.00	2184.00	2183.00
Train 3						
Planned unavailable hours		0	143.50	0	0	0.63
Unplanned unavailable hours		0	0	6.40	0	0
Fault exposure hours		0	0	0	0	0
Effective Reset hours		0	0	0	0	0
Required hours		2183.00	2208.00	2209.00	2184.00	2183.00
Train 4						
Planned unavailable hours		0	143.50	0	0	0.63
Unplanned unavailable hours		0	0	6.40	0	0
Fault exposure hours		0	0	0	0	0
Effective Reset hours		0	0	0	0	0
Required hours		2183.00	2208.00	2209.00	2184.00	2183.00
Indicator value				0.6%	0.6%	0.6%

Licensee Comments: none

Safety System Functional Failures (BWR)



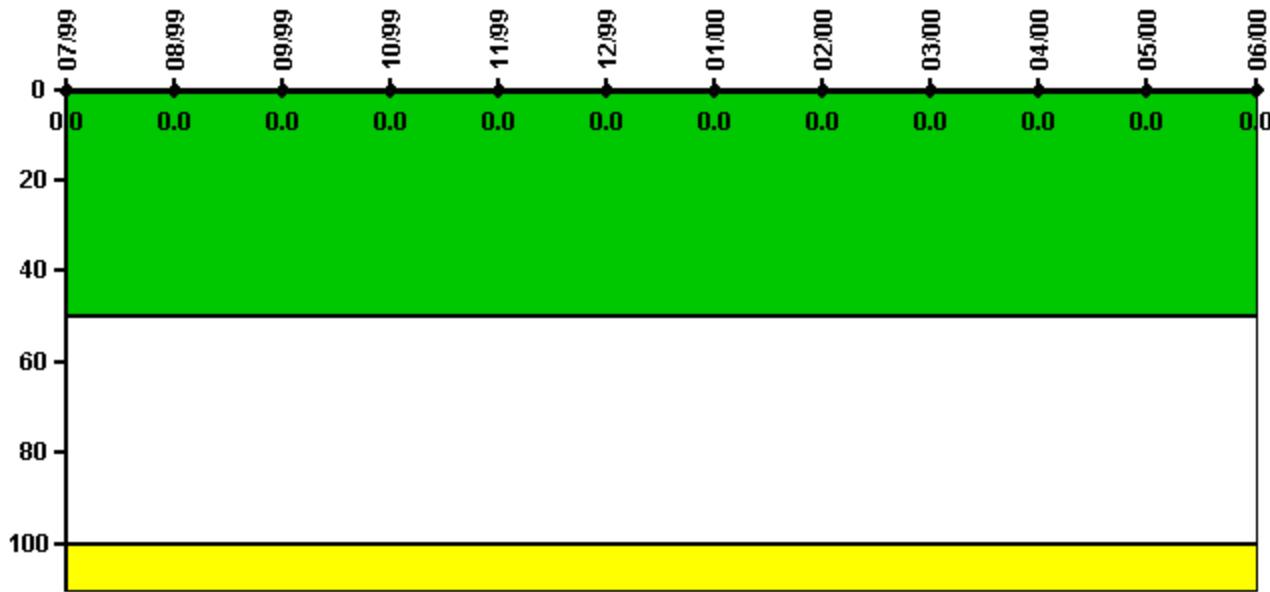
Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



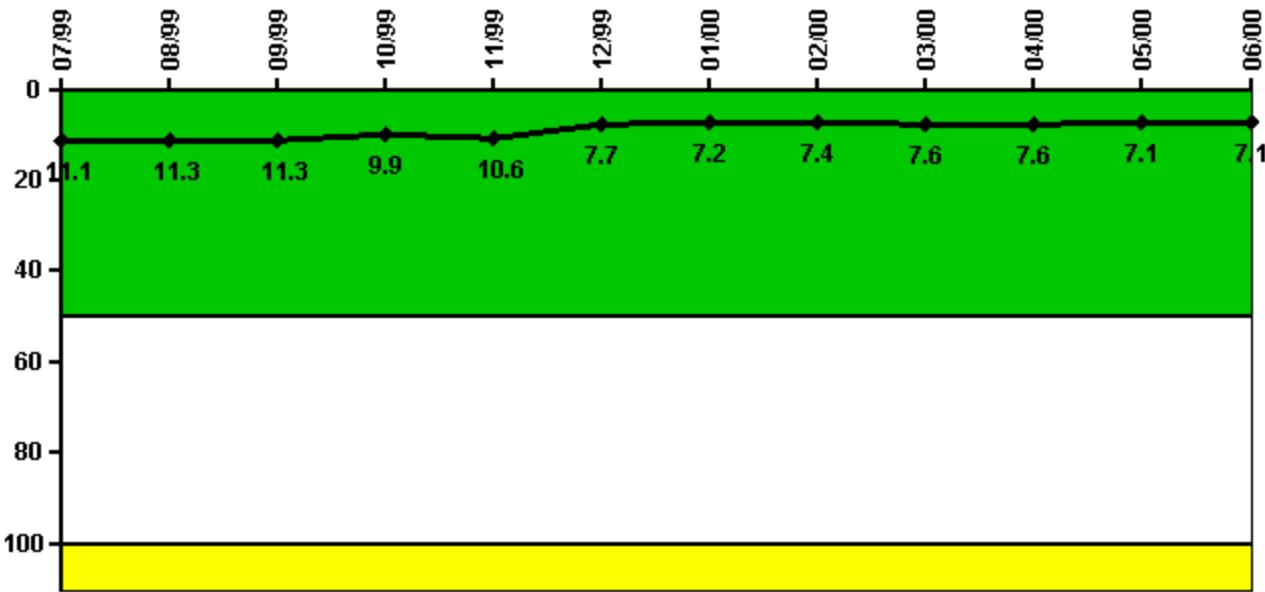
Thresholds: White > 50.0 Yellow > 100.0

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	0.000060	0.000036	0.000037	0.000024	0.000007	0.000030	0.000010	0.000002	0.000023	0.000008	0.000008	0.000053
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	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	7/99	8/99	9/99	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00
Maximum leakage	2.772	2.827	2.830	2.480	2.655	1.930	1.802	1.850	1.905	1.905	1.767	1.770
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	11.1	11.3	11.3	9.9	10.6	7.7	7.2	7.4	7.6	7.6	7.1	7.1

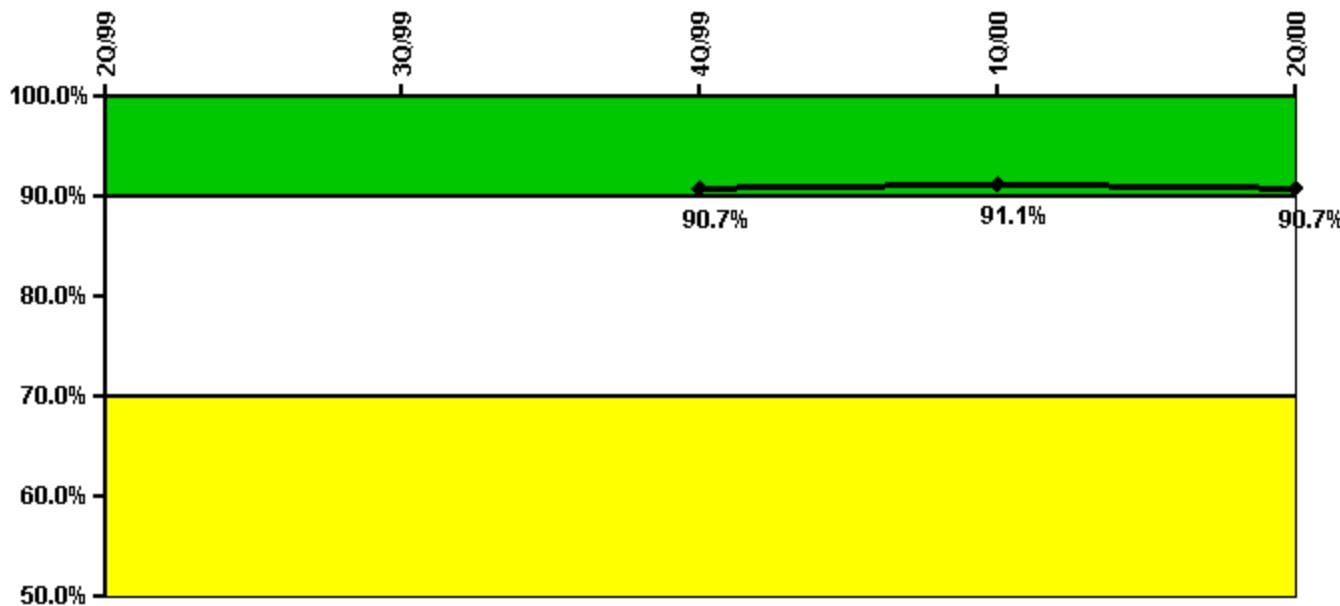
Licensee Comments:

3/99: February 1999 data changed due to review of missing weeks of data. This change did not result in change of color to this indicator.

12/98: December 1998 data changed due to review of missing weeks of data. This change did not result in change of color to this indicator.

6/98: June 1998 data changed due to review of missing weeks of data. This change did not result in change of color to this indicator.

Drill/Exercise Performance



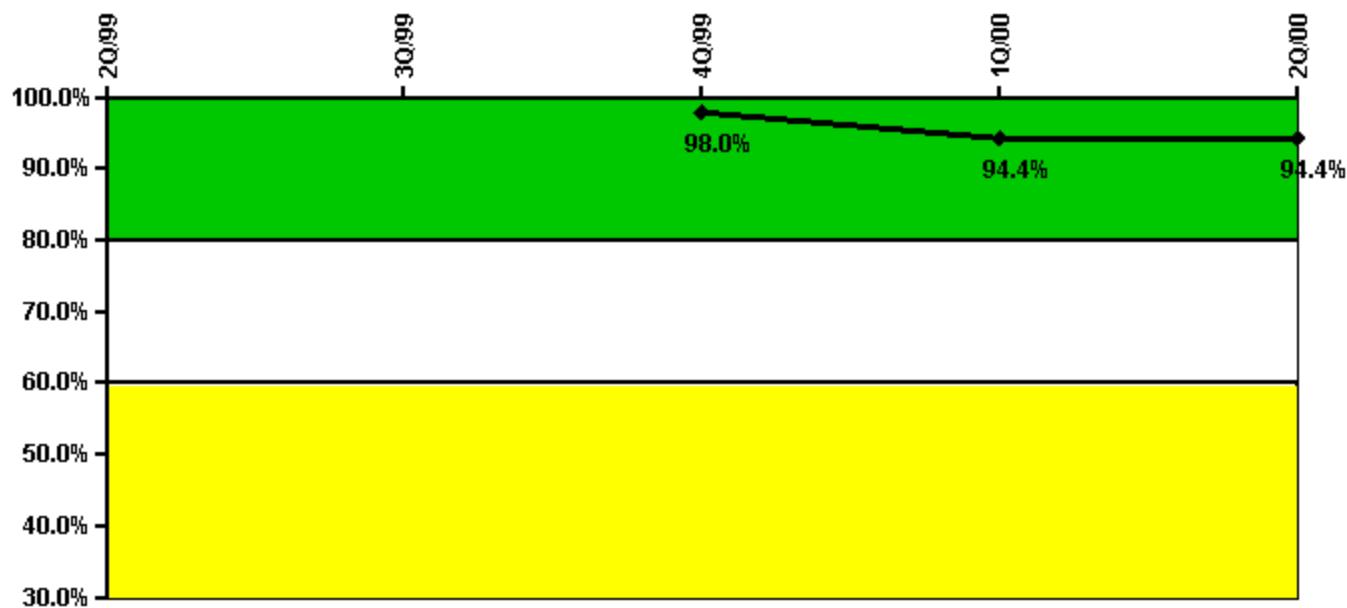
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Successful opportunities	23.0	28.0	52.0	6.0	14.0
Total opportunities	24.0	32.0	58.0	6.0	16.0
Indicator value			90.7%	91.1%	90.7%

Licensee Comments:

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

ERO Drill Participation

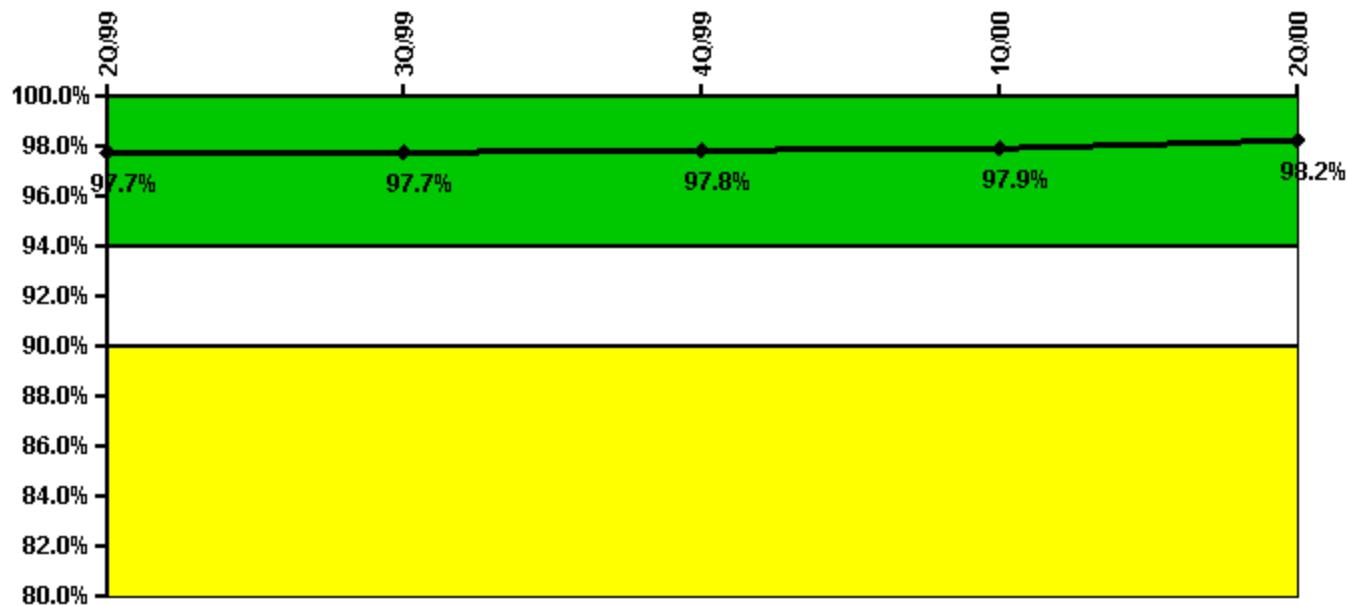
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Participating Key personnel			49.0	51.0	51.0
Total Key personnel			50.0	54.0	54.0
Indicator value			98.0%	94.4%	94.4%

Licensee Comments: none

Alert & Notification System

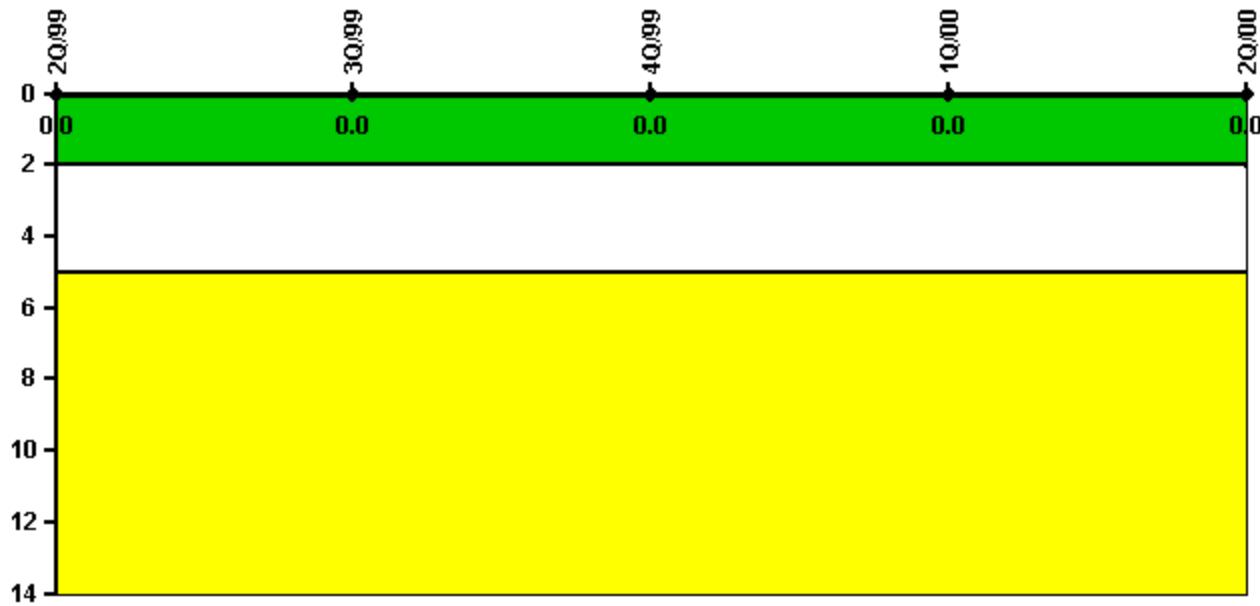


Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Successful siren-tests	4830	5051	4949	4960	4903
Total sirens-tests	5056	5135	4977	5056	5056
Indicator value	97.7%	97.7%	97.8%	97.9%	98.2%

Licensee Comments: none

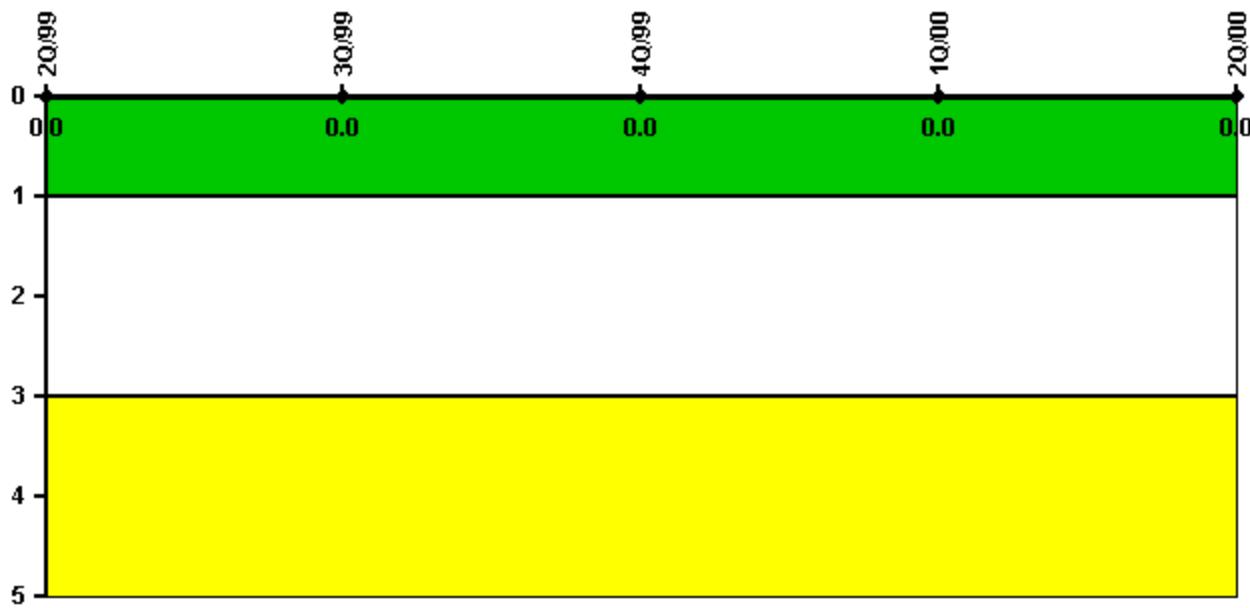
Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
High radiation area occurrences	0	0	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

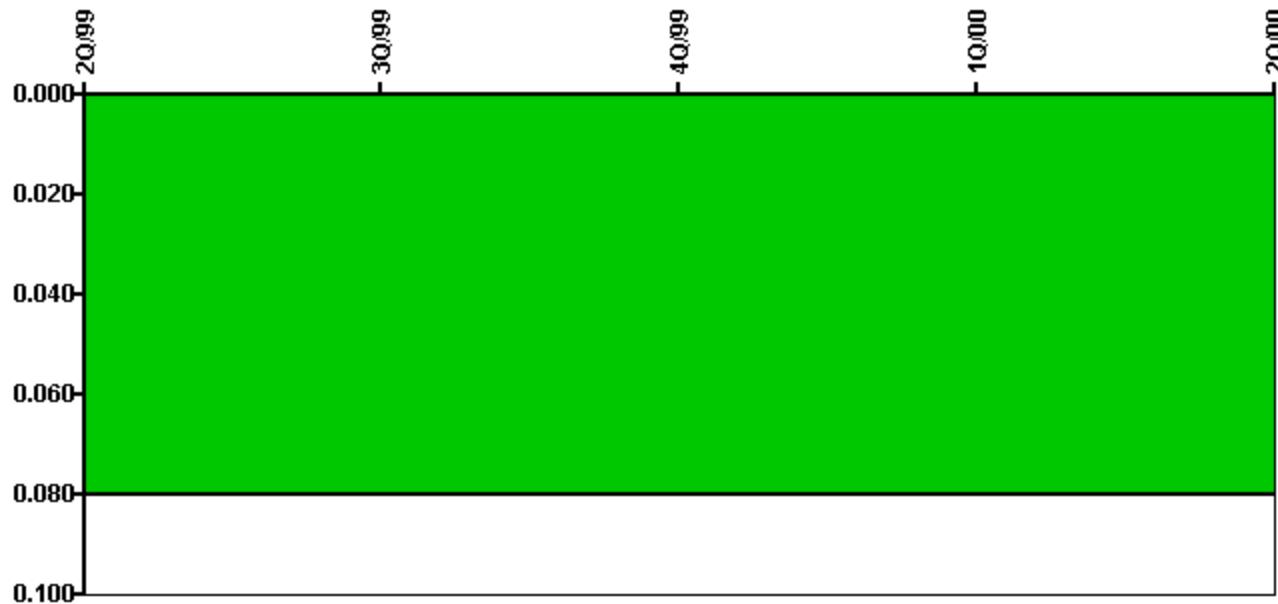
Thresholds: White > 1.0 Yellow > 3.0

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



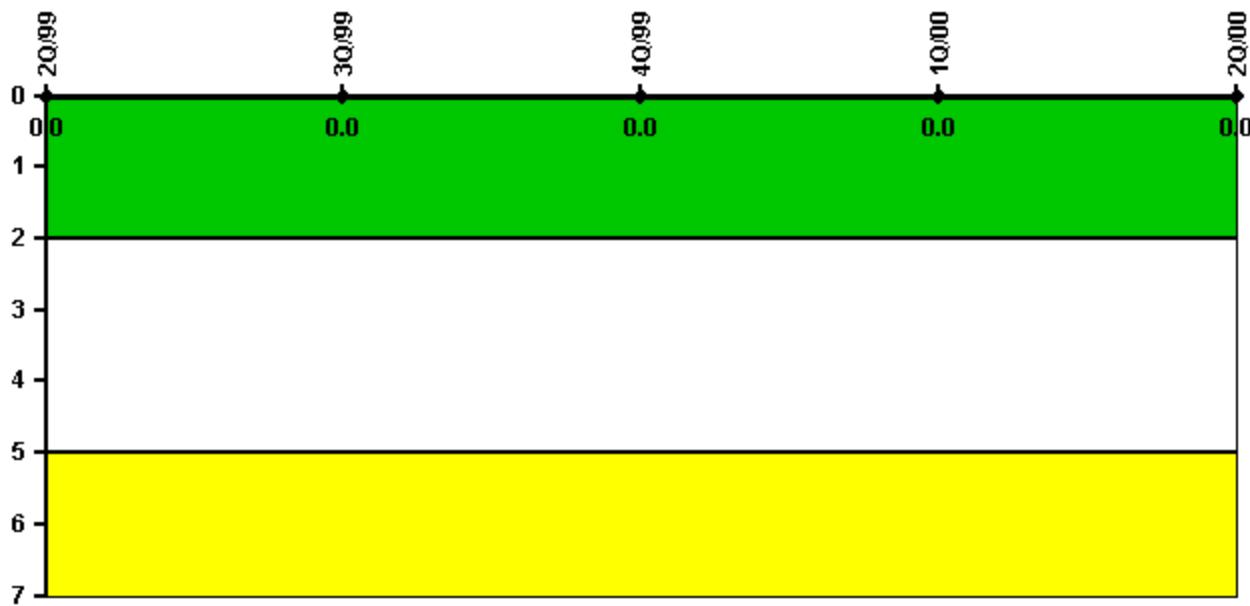
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
IDS compensatory hours	1071.00	1810.20	258.80	14.80	178.10
CCTV compensatory hours	0	0	0	0	93.3
IDS normalization factor	1.30	1.30	1.30	1.30	1.30
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0
Index Value	0.196	0.199	0.179	0.139	0.105

Licensee Comments: none

Personnel Screening Program

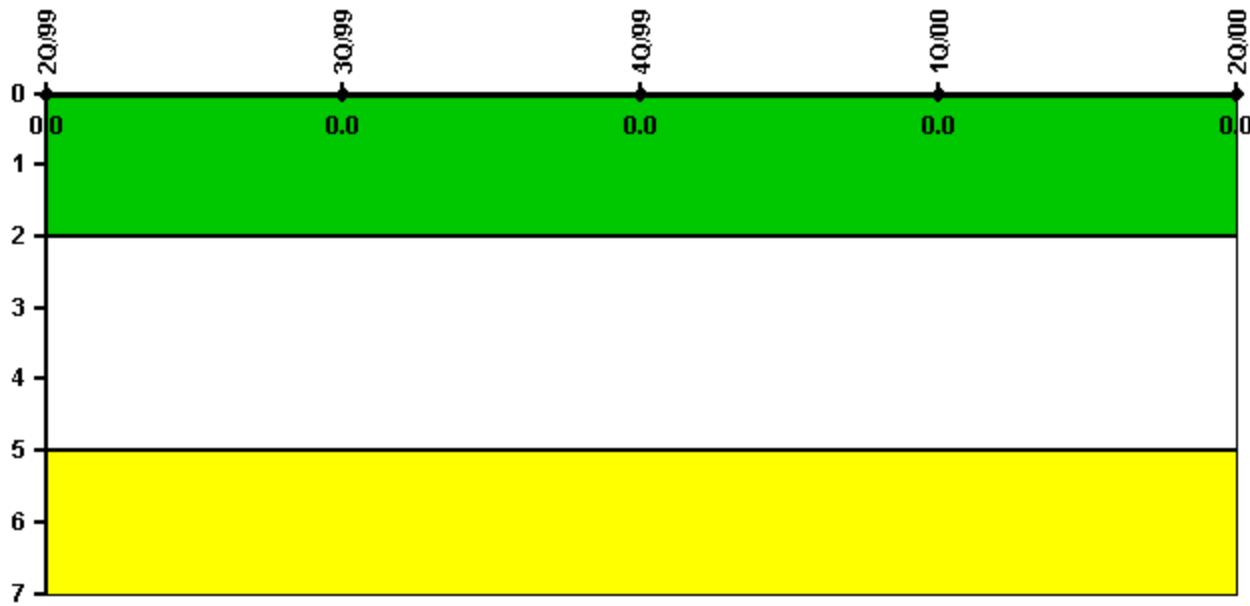


Thresholds: White > 2.0 Yellow > 5.0

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

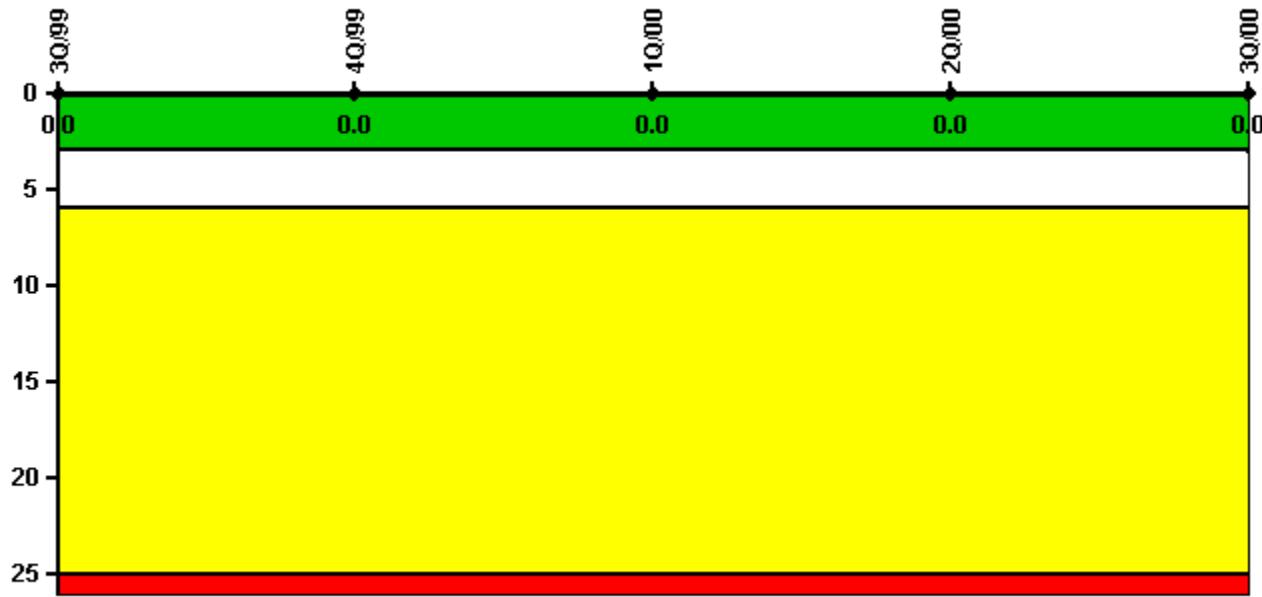


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Last Modified: April 1, 2002

Dresden 2**3Q/2000 Performance Indicators**

Licensee's General Comments: none

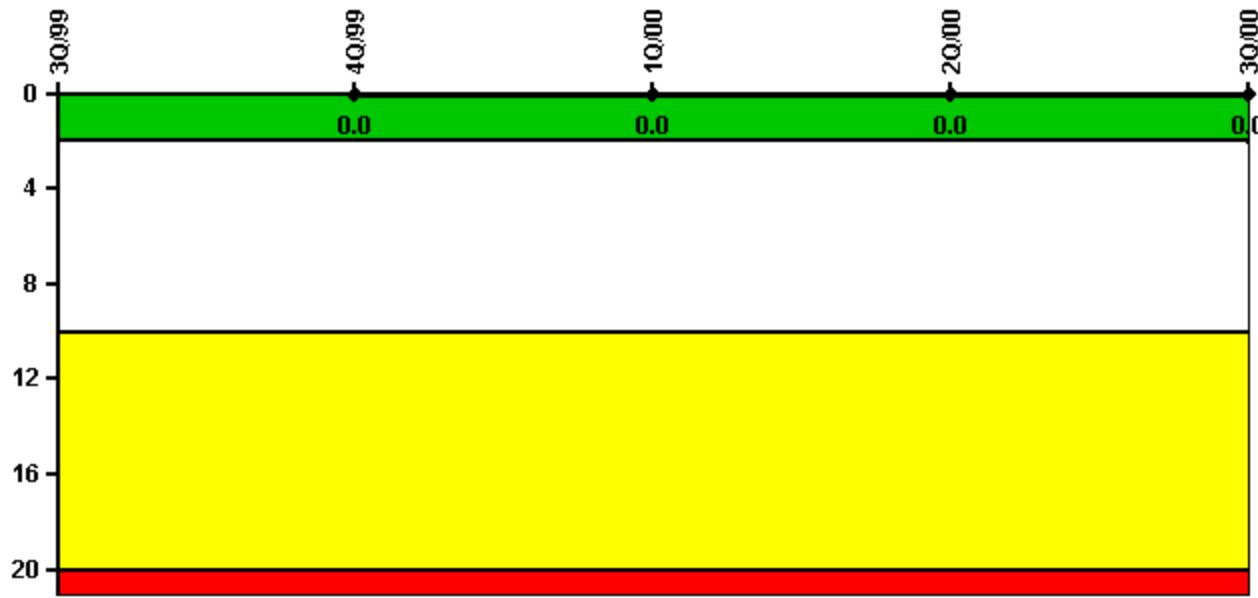
Unplanned Scrams per 7000 Critical Hrs

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	0	0	0	0	0
Critical hours	2208.0	1617.7	2184.0	2183.0	2208.0
Indicator value	0	0	0	0	0

Licensee Comments: none

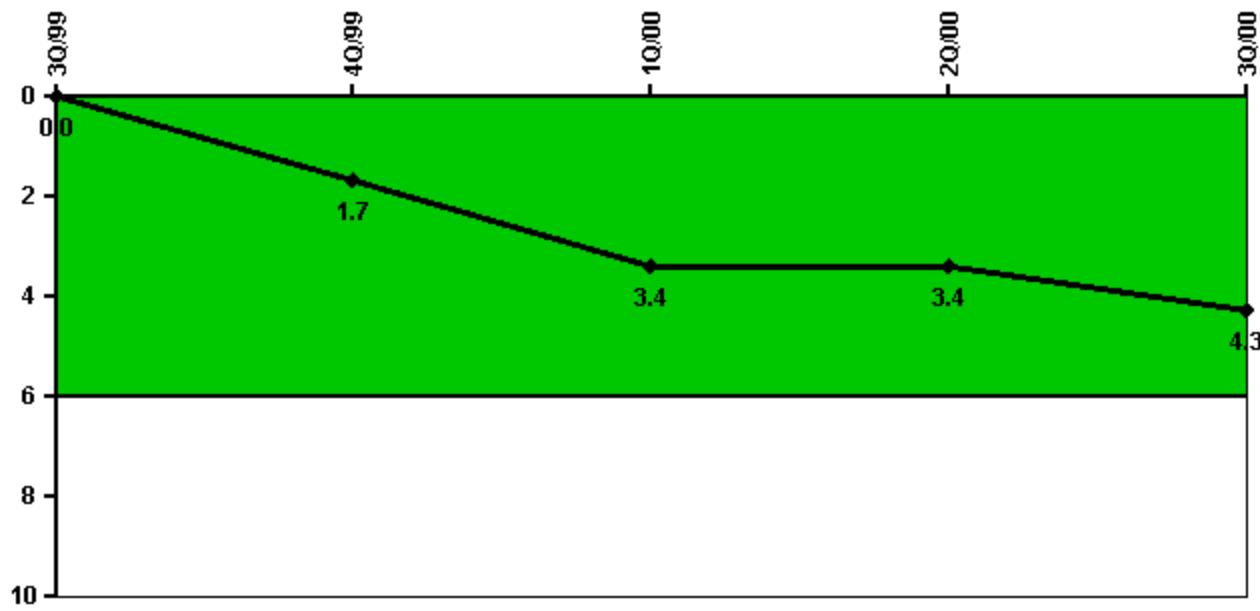
Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/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

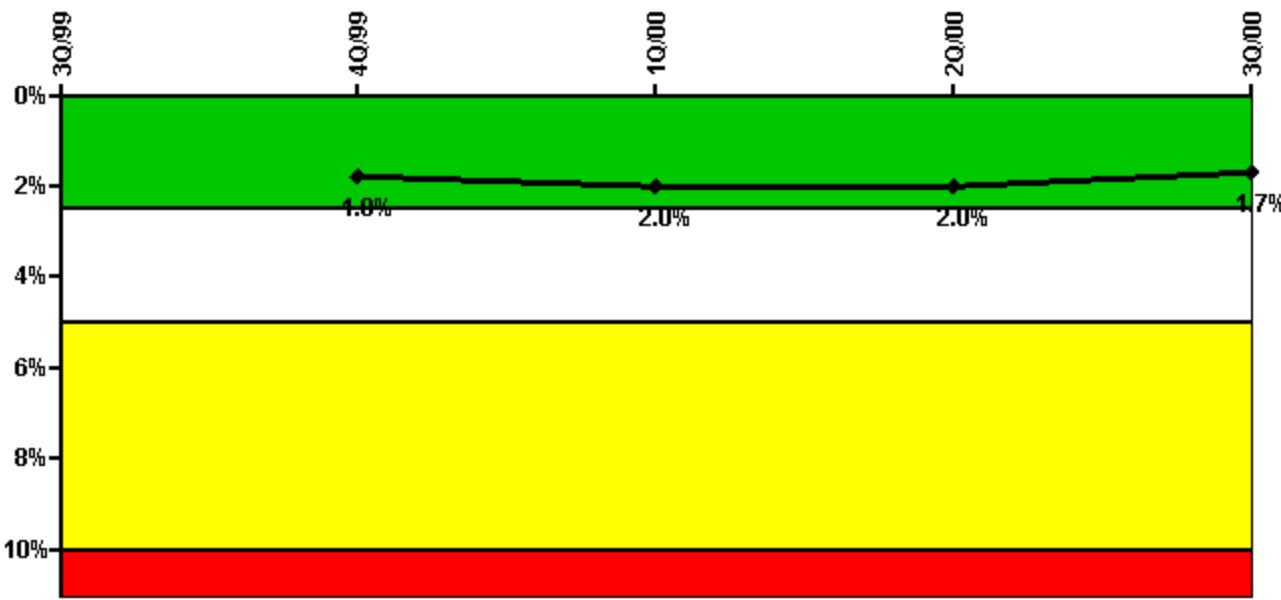
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Unplanned power changes	0	2.0	2.0	0	1.0
Critical hours	2208.0	1617.7	2184.0	2183.0	2208.0
Indicator value	0	1.7	3.4	3.4	4.3

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



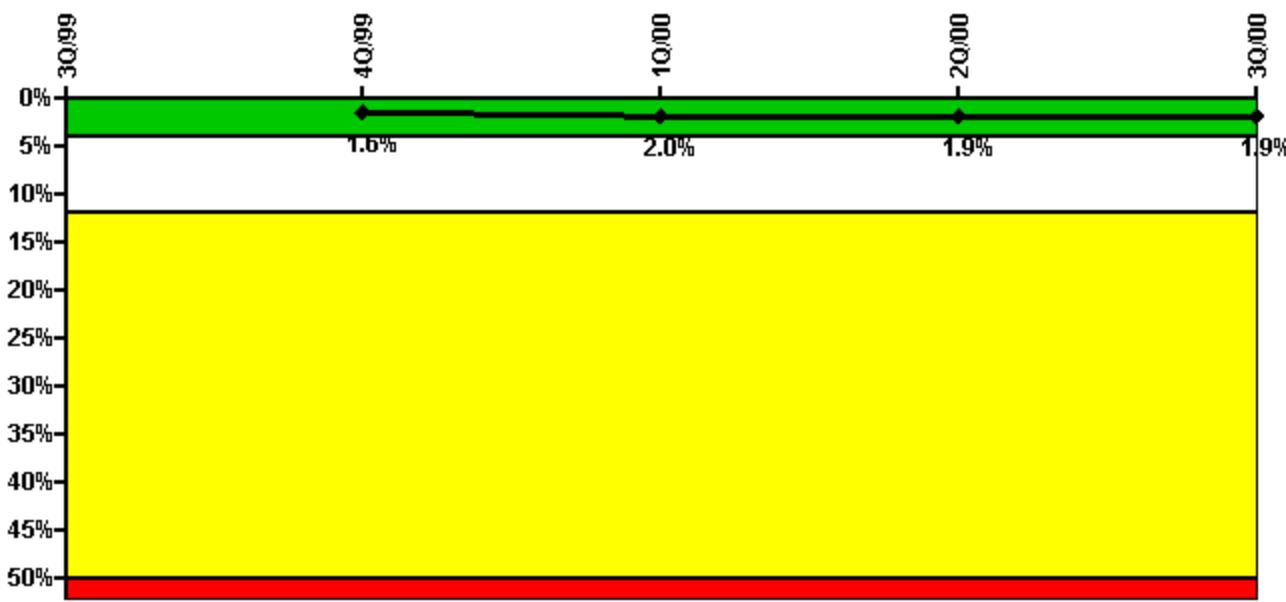
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	32.75	6.25	9.31	9.34	13.55
Unplanned unavailable hours	0	0	0	43.00	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00
Train 2					
Planned unavailable hours	31.00	6.25	78.41	7.53	16.47
Unplanned unavailable hours	0	0	0	12.75	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00
Indicator value		1.8%	2.0%	2.0%	1.7%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)



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

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	89.53	0.95	159.22	2.66	0.37
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	2208.00	1617.68	2184.00	2183.00	2208.00
Indicator value			1.6%	2.0%	1.9%

Licensee Comments: none

Safety System Unavailability, Heat Removal System

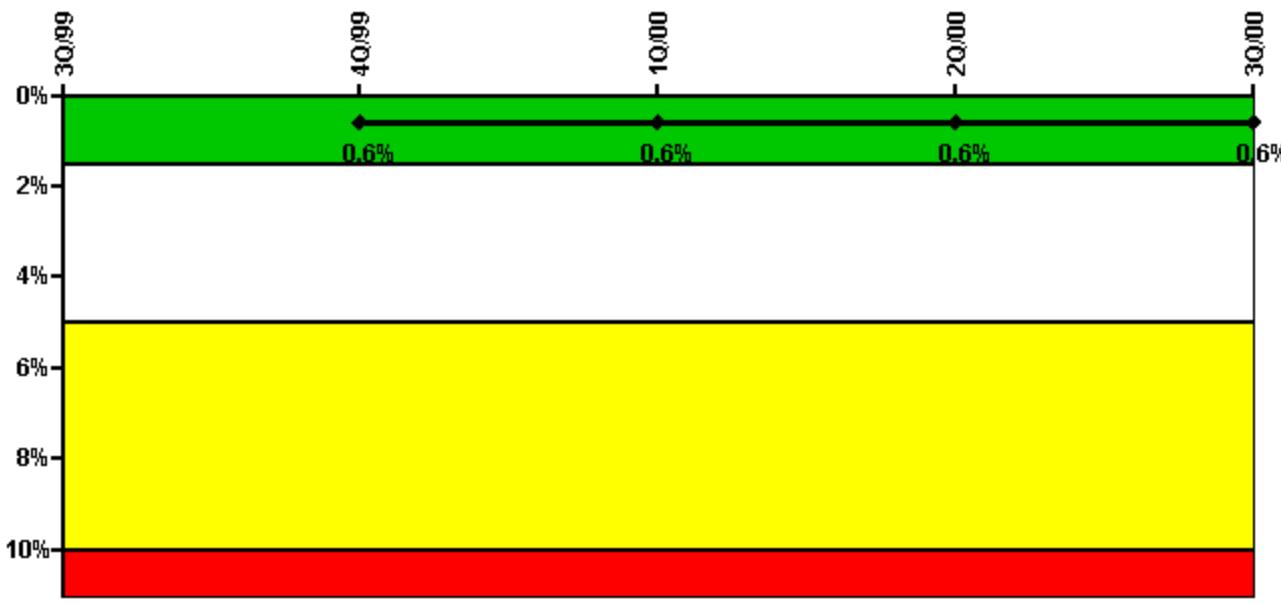
Thresholds under development / review

Notes

Safety System Unavailability, Heat Removal System	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	17.60	7.03	56.33		
Unplanned unavailable hours	0	0	6.23		
Fault exposure hours	0	0	0		
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	1617.68	2184.00		
Indicator value		1.0%	1.0%		

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



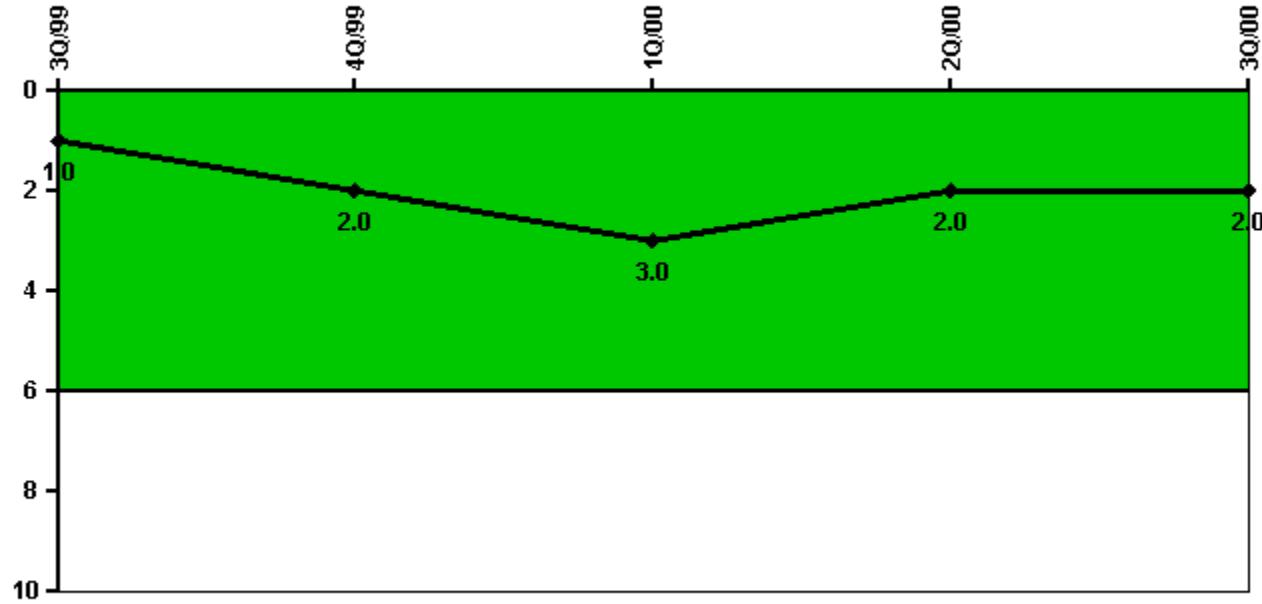
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System		3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1						
Planned unavailable hours		79.52	62.08	2.76	0.18	0.08
Unplanned unavailable hours		0	0	0	0	0
Fault exposure hours		0	0	0	0	0
Effective Reset hours		0	0	0	0	0
Required hours		2208.00	2209.00	2184.00	2183.00	2208.00
Train 2						
Planned unavailable hours		23.08	0.05	2.32	0.18	40.55
Unplanned unavailable hours		0	0	0	0	0
Fault exposure hours		0	0	0	0	0
Effective Reset hours		0	0	0	0	0
Required hours		2208.00	2209.00	2184.00	2183.00	2208.00
Train 3						
Planned unavailable hours		143.50	0	0	0.63	0
Unplanned unavailable hours		0	6.40	0	0	0
Fault exposure hours		0	0	0	0	0
Effective Reset hours		0	0	0	0	0
Required hours		2208.00	2209.00	2184.00	2183.00	2208.00
Train 4						
Planned unavailable hours		143.50	0	0	0.63	0
Unplanned unavailable hours		0	6.40	0	0	0
Fault exposure hours		0	0	0	0	0
Effective Reset hours		0	0	0	0	0
Required hours		2208.00	2209.00	2184.00	2183.00	2208.00
Indicator value			0.6%	0.6%	0.6%	0.6%

Licensee Comments: none

Safety System Functional Failures (BWR)

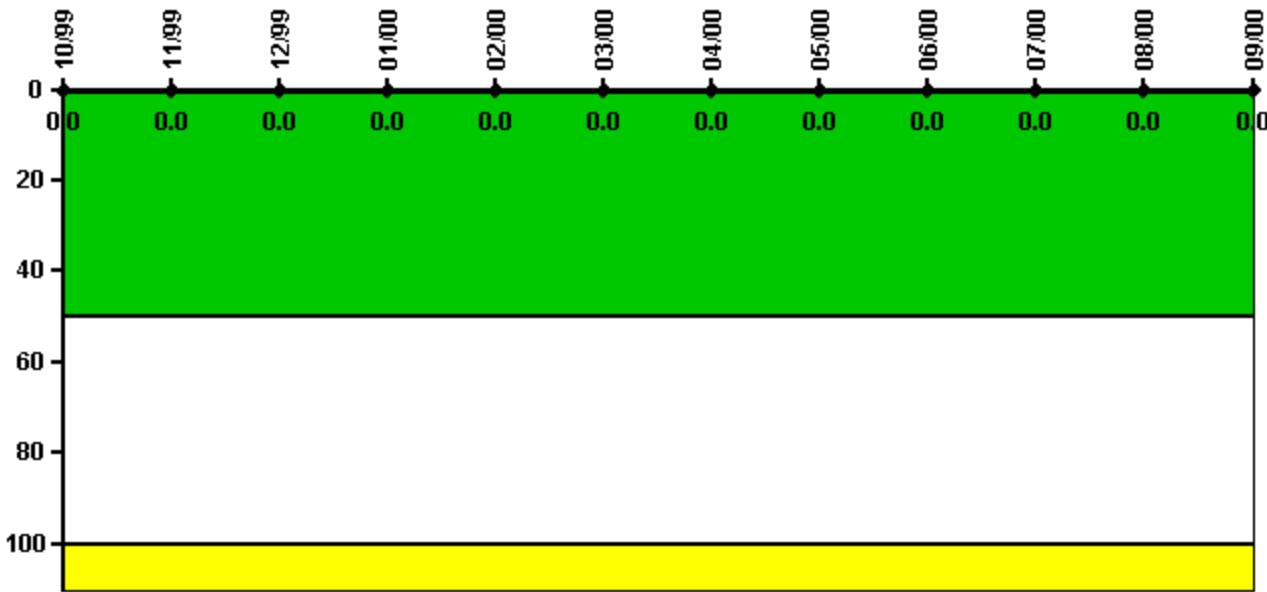


Thresholds: White > 6.0

Notes

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

Licensee Comments: none

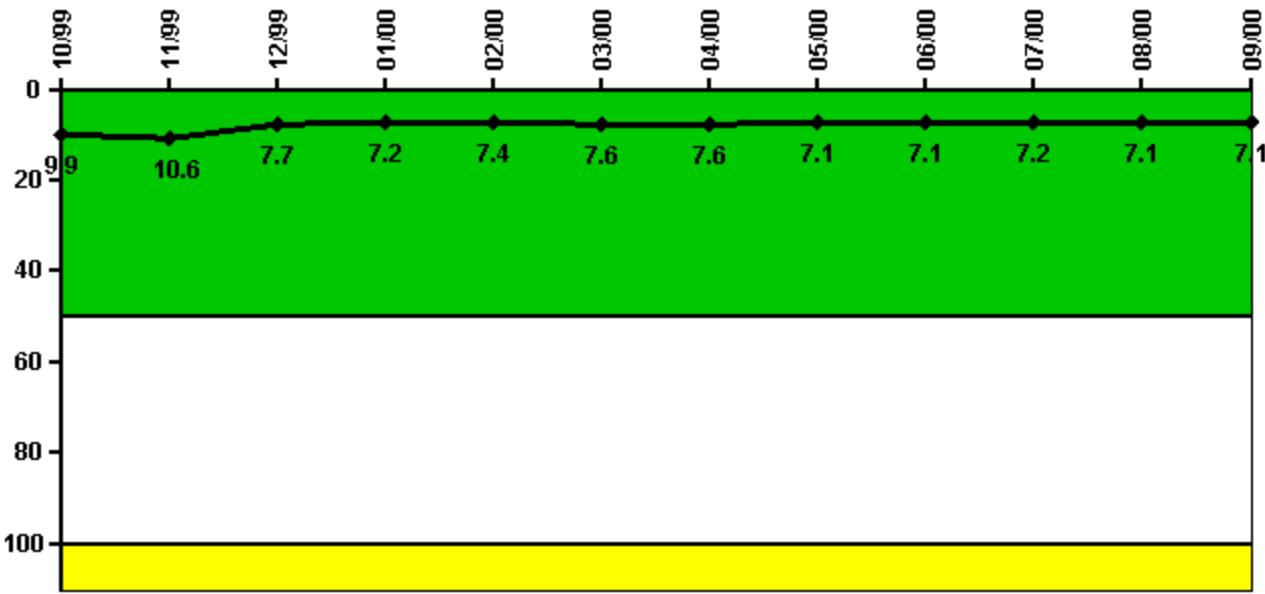
Reactor Coolant System Activity

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	0.000024	0.000007	0.000030	0.000010	0.000002	0.000023	0.000008	0.000008	0.000053	0.000028	0.000011	0.000014
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage

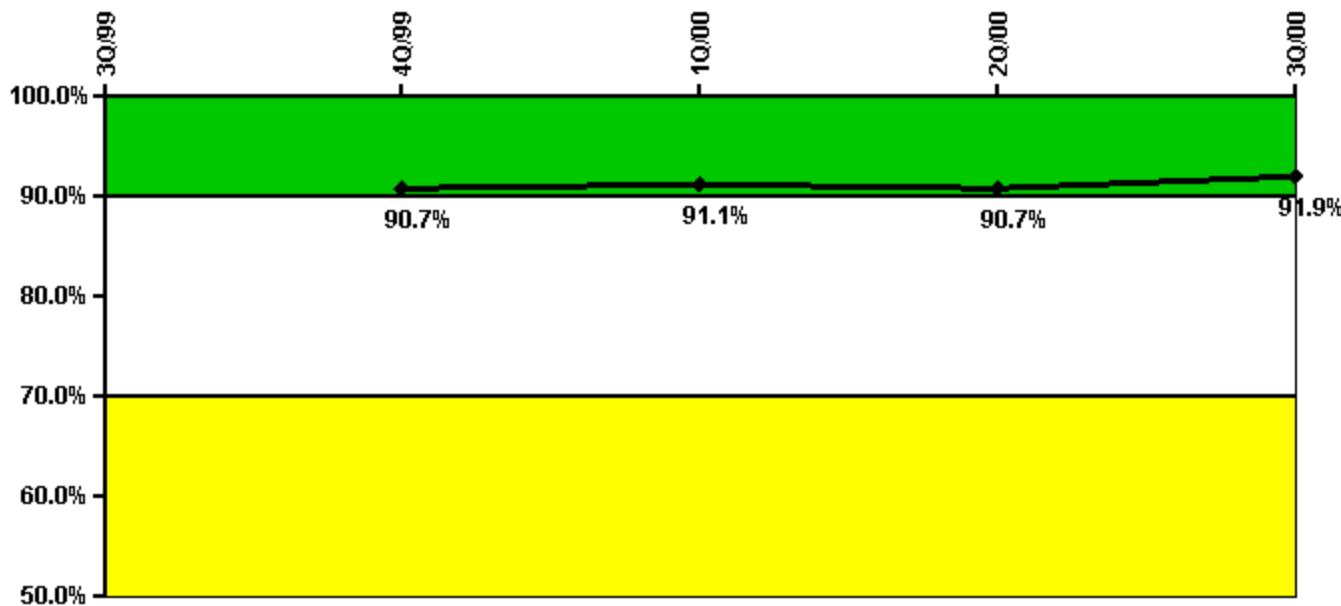
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum leakage	2.480	2.655	1.930	1.802	1.850	1.905	1.905	1.767	1.770	1.810	1.778	1.775
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	9.9	10.6	7.7	7.2	7.4	7.6	7.6	7.1	7.1	7.2	7.1	7.1

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

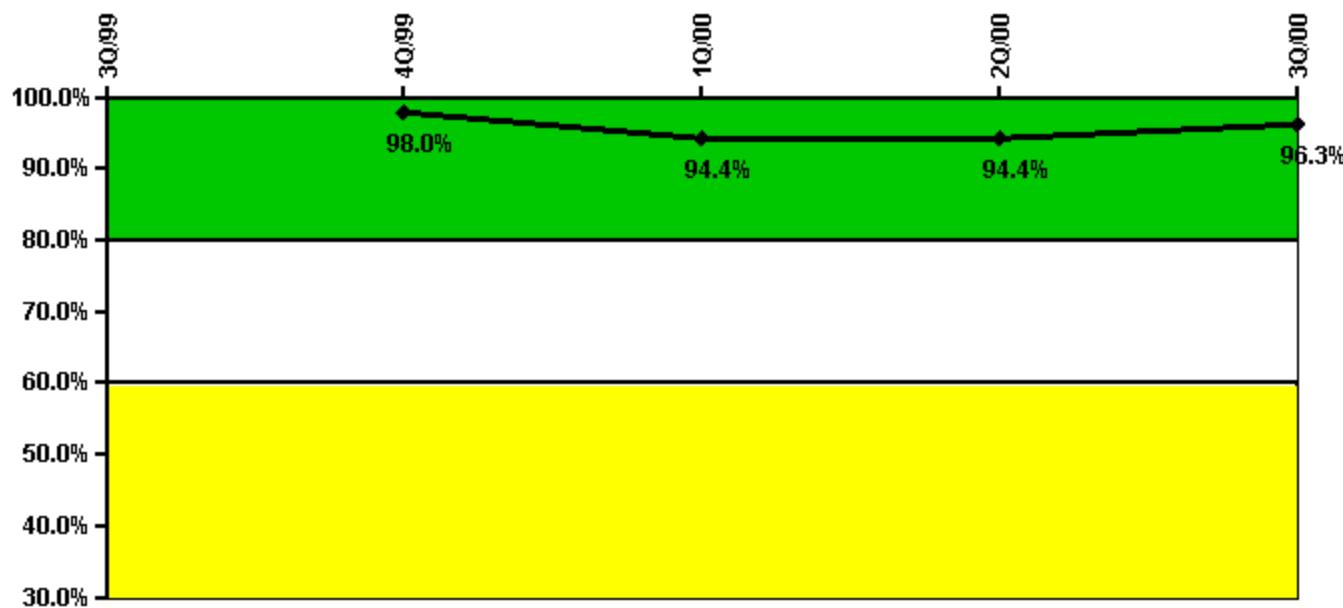
Notes

Drill/Exercise Performance	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Successful opportunities	28.0	52.0	6.0	14.0	85.0
Total opportunities	32.0	58.0	6.0	16.0	90.0
Indicator value		90.7%	91.1%	90.7%	91.9%

Licensee Comments:

3Q/00: Third Quarter 2000 data collection process included a change based on FAQ 195 to count a notification opportunity that included both a classification and a Protective Action Recommendation as two notification opportunities. ****Third quarter data was under reported in the month of September. This change of data did not result in a change to the overall indicator color.

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

ERO Drill Participation

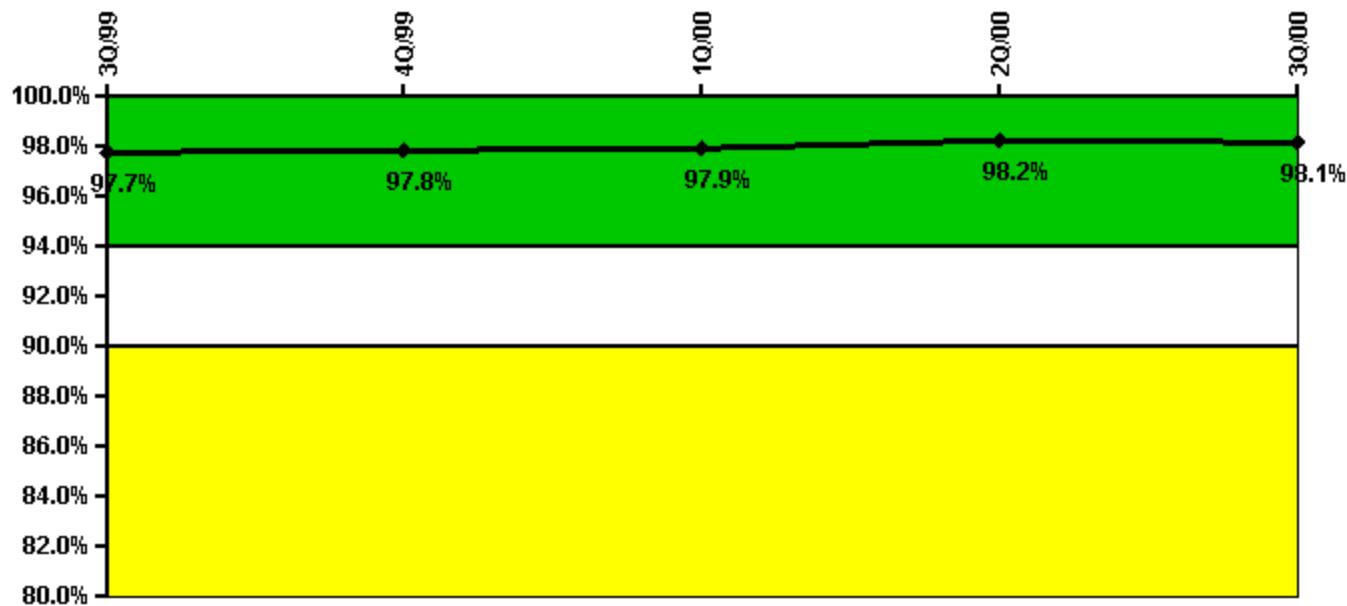
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Participating Key personnel		49.0	51.0	51.0	52.0
Total Key personnel		50.0	54.0	54.0	54.0
Indicator value		98.0%	94.4%	94.4%	96.3%

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	5051	4949	4960	4903	4864
Total sirens-tests	5135	4977	5056	5056	4977
Indicator value	97.7%	97.8%	97.9%	98.2%	98.1%

Licensee Comments: none

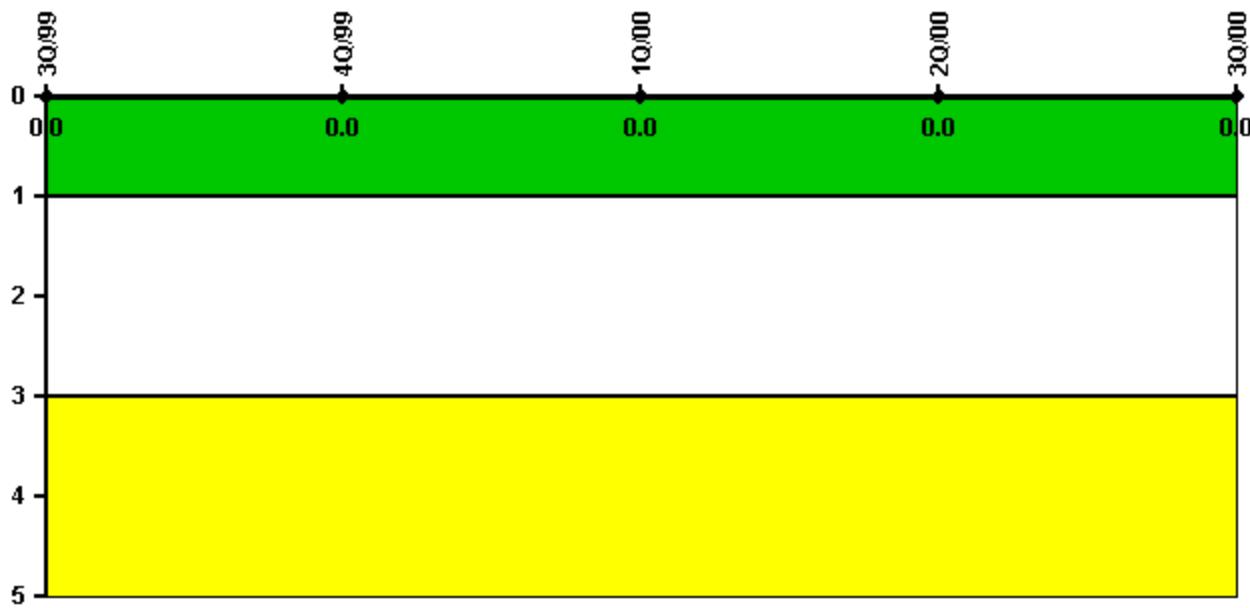
Occupational Exposure Control Effectiveness

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

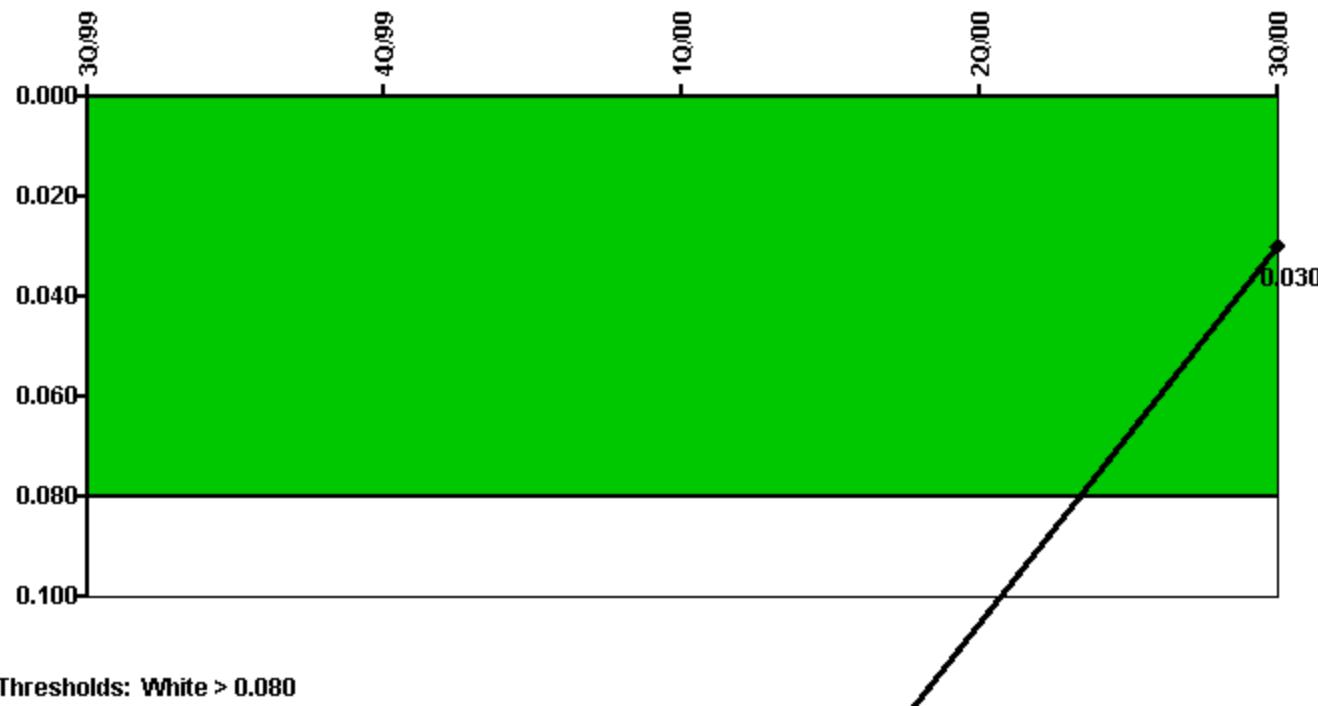
Thresholds: White > 1.0 Yellow > 3.0

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



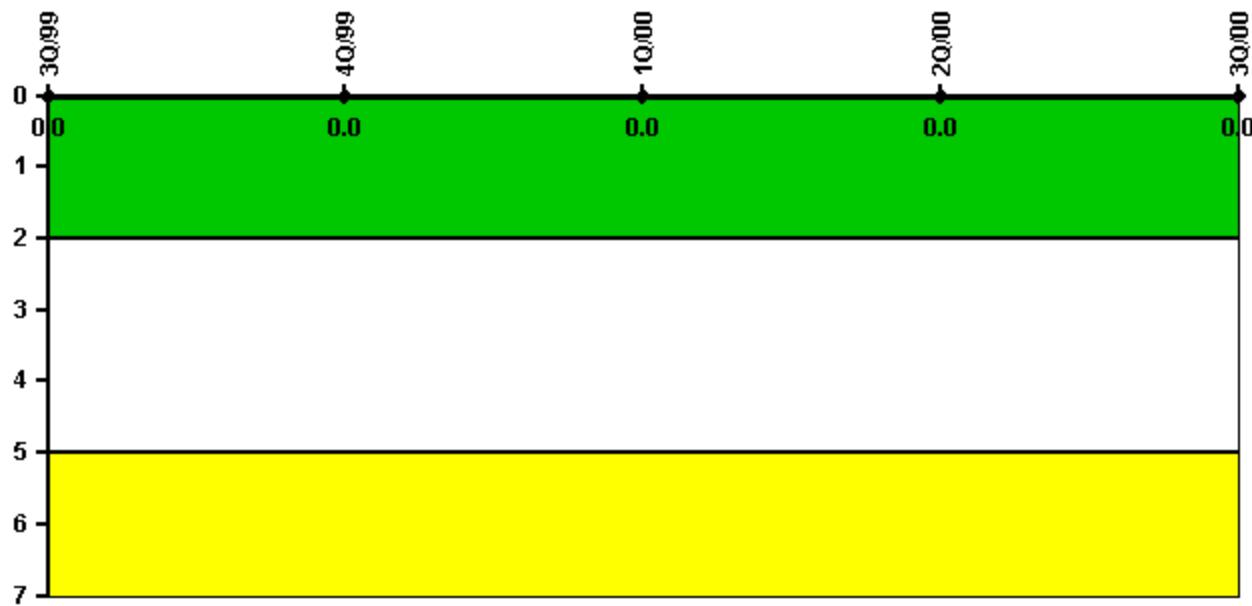
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
IDS compensatory hours	1810.20	258.80	14.80	178.10	20.18
CCTV compensatory hours	0	0	0	93.3	72.7
IDS normalization factor	1.30	1.30	1.30	1.30	1.30
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0
Index Value	0.199	0.179	0.139	0.105	0.030

Licensee Comments: none

Personnel Screening Program

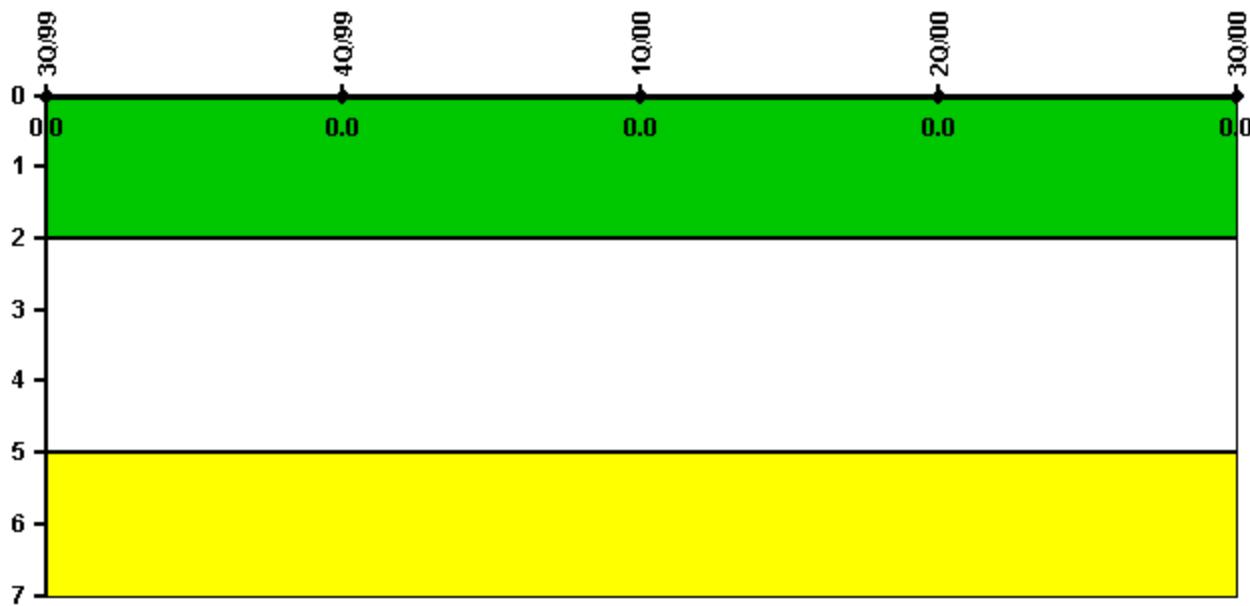


Thresholds: White > 2.0 Yellow > 5.0

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

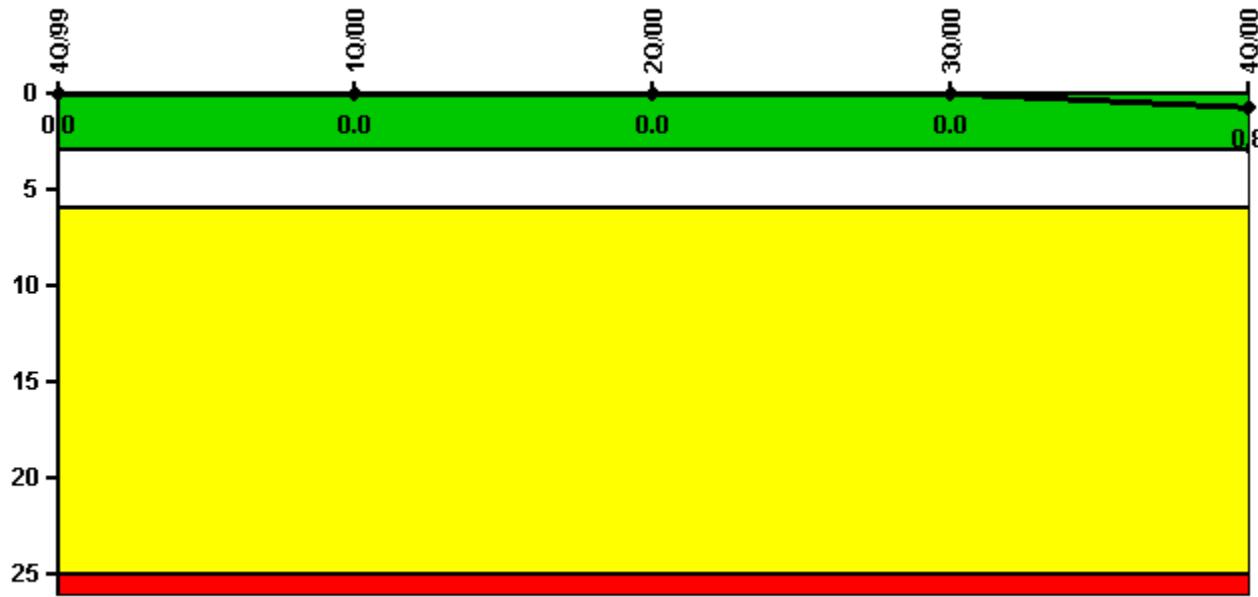


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Last Modified: March 29, 2002

Dresden 2**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	0	0	0	0	1.0
Critical hours	1617.7	2184.0	2183.0	2208.0	2183.9
Indicator value	0	0	0	0	0.8

Licensee Comments: none

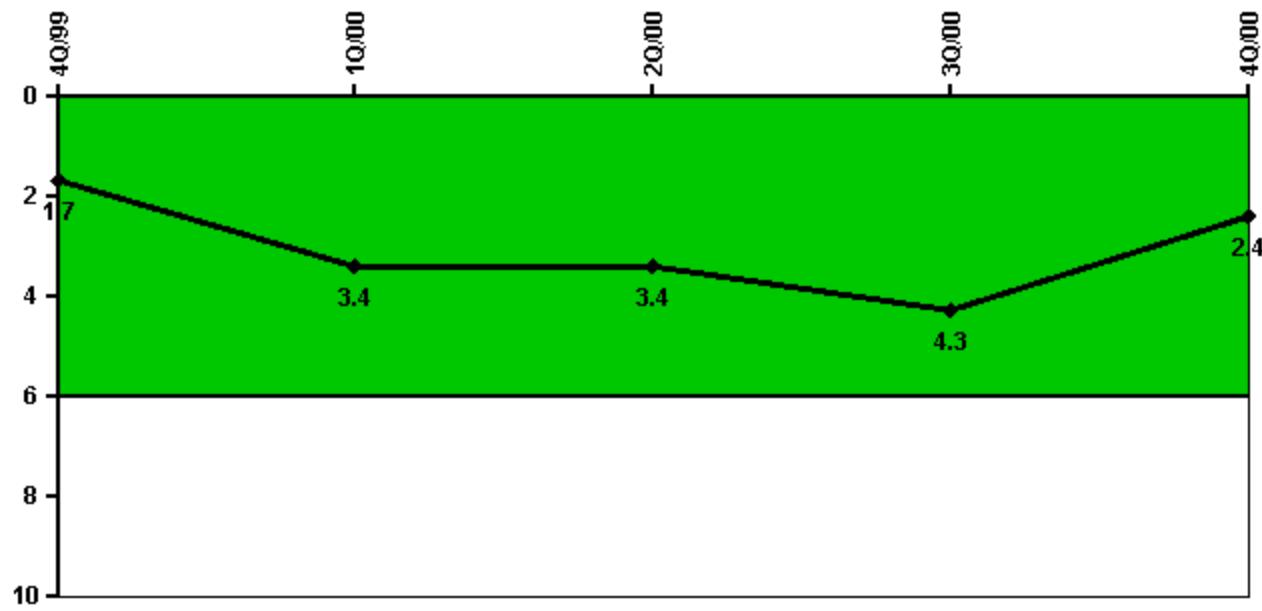
Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	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

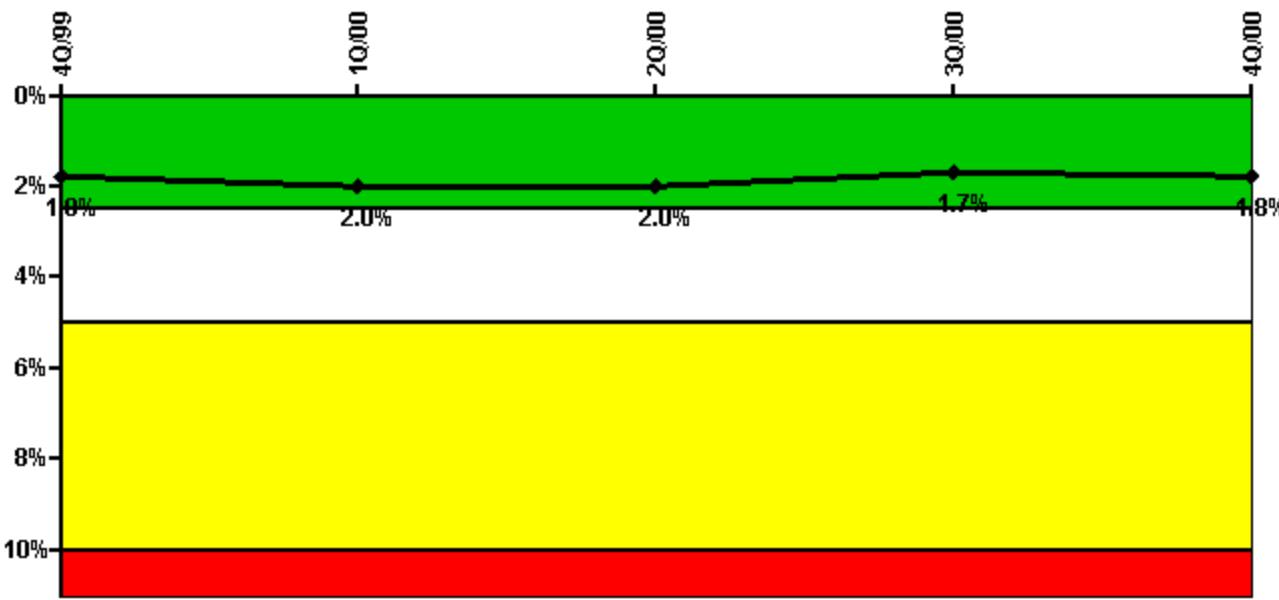
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Unplanned power changes	2.0	2.0	0	1.0	0
Critical hours	1617.7	2184.0	2183.0	2208.0	2183.9
Indicator value	1.7	3.4	3.4	4.3	2.4

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



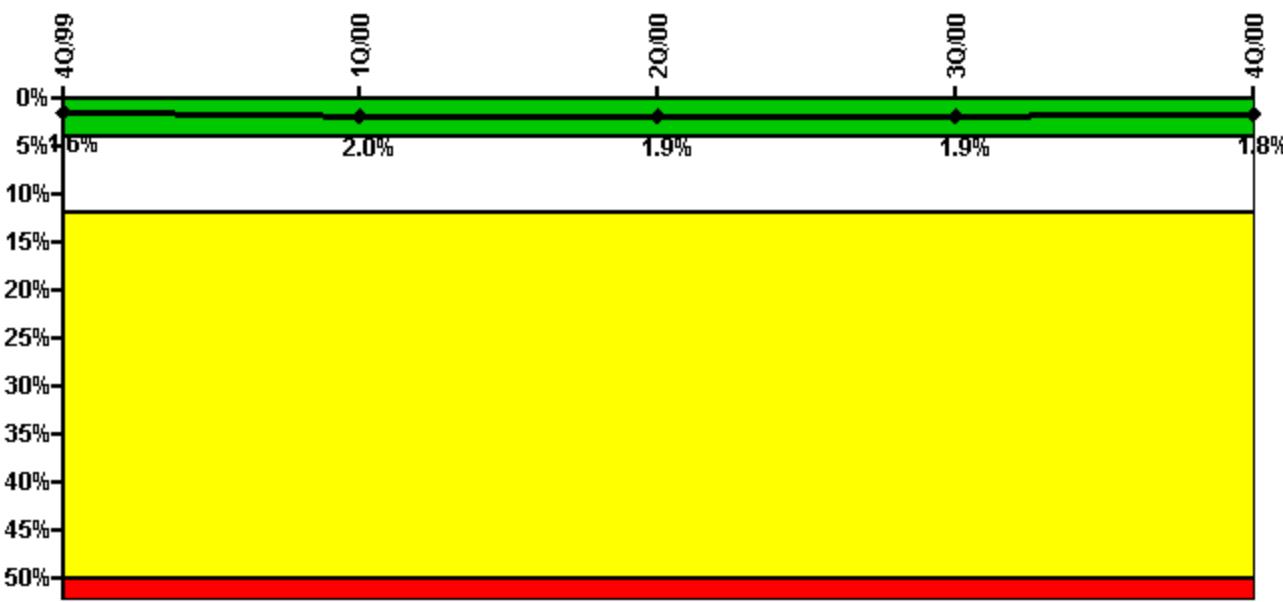
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	6.25	9.31	9.34	13.55	36.08
Unplanned unavailable hours	0	0	43.00	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00
Train 2					
Planned unavailable hours	6.25	78.41	7.53	16.47	22.37
Unplanned unavailable hours	0	0	12.75	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00
Indicator value	1.8%	2.0%	2.0%	1.7%	1.8%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)



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

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	0.95	159.22	2.66	0.37	24.45
Unplanned unavailable hours	0	0	0	0	0.28
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1617.68	2184.00	2183.00	2208.00	2183.93
Indicator value	1.6%	2.0%	1.9%	1.9%	1.8%

Licensee Comments: none

Safety System Unavailability, Heat Removal System

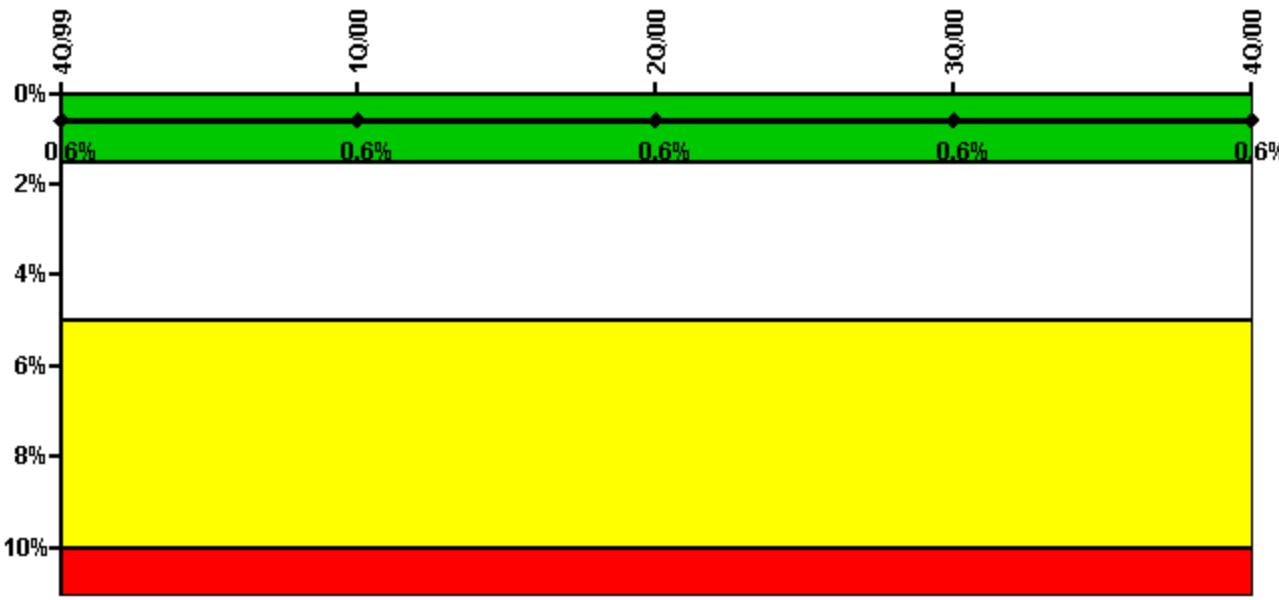
Thresholds under development / review

Notes

Safety System Unavailability, Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	7.03	56.33			
Unplanned unavailable hours	0	6.23			
Fault exposure hours	0	0			
Effective Reset hours	0	0	0	0	0
Required hours	1617.68	2184.00			
Indicator value	1.0%	1.0%			

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



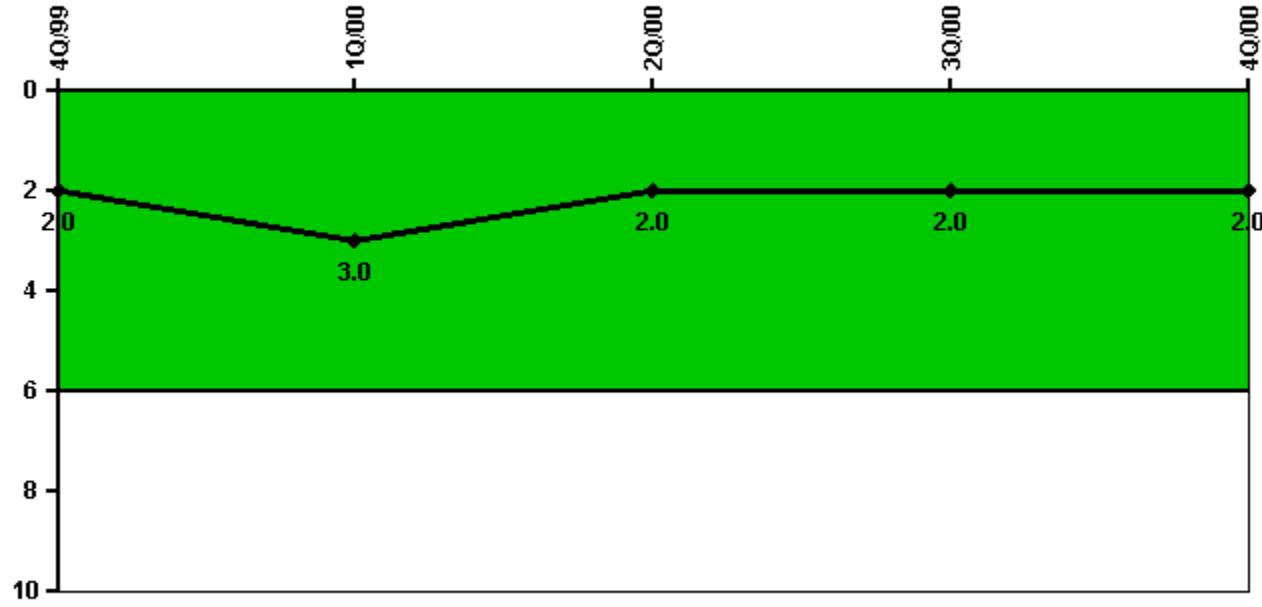
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System		4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1						
Planned unavailable hours		62.08	2.76	0.18	0.08	7.32
Unplanned unavailable hours		0	0	0	0	0
Fault exposure hours		0	0	0	0	0
Effective Reset hours		0	0	0	0	0
Required hours		2209.00	2184.00	2183.00	2208.00	2209.00
Train 2						
Planned unavailable hours		0.05	2.32	0.18	40.55	14.07
Unplanned unavailable hours		0	0	0	0	18.87
Fault exposure hours		0	0	0	0	0
Effective Reset hours		0	0	0	0	0
Required hours		2209.00	2184.00	2183.00	2208.00	2209.00
Train 3						
Planned unavailable hours		0	0	0.63	0	0.58
Unplanned unavailable hours		6.40	0	0	0	0
Fault exposure hours		0	0	0	0	0
Effective Reset hours		0	0	0	0	0
Required hours		2209.00	2184.00	2183.00	2208.00	2209.00
Train 4						
Planned unavailable hours		0	0	0.63	0	0.58
Unplanned unavailable hours		6.40	0	0	0	0
Fault exposure hours		0	0	0	0	0
Effective Reset hours		0	0	0	0	0
Required hours		2209.00	2184.00	2183.00	2208.00	2209.00
Indicator value		0.6%	0.6%	0.6%	0.6%	0.6%

Licensee Comments: none

Safety System Functional Failures (BWR)



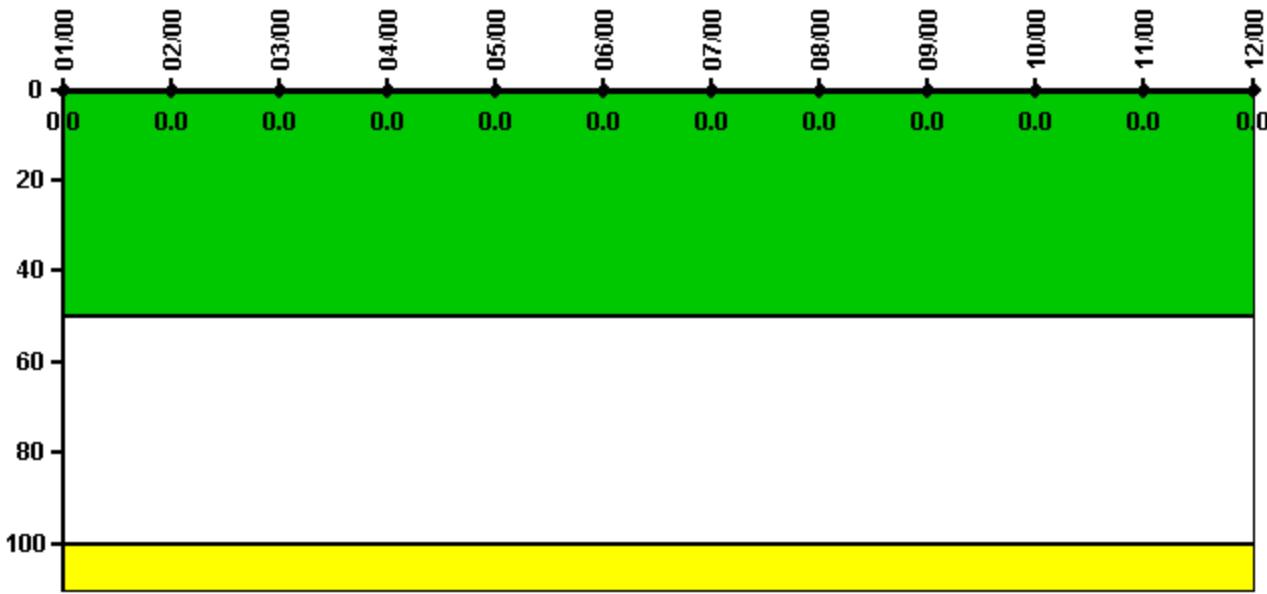
Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



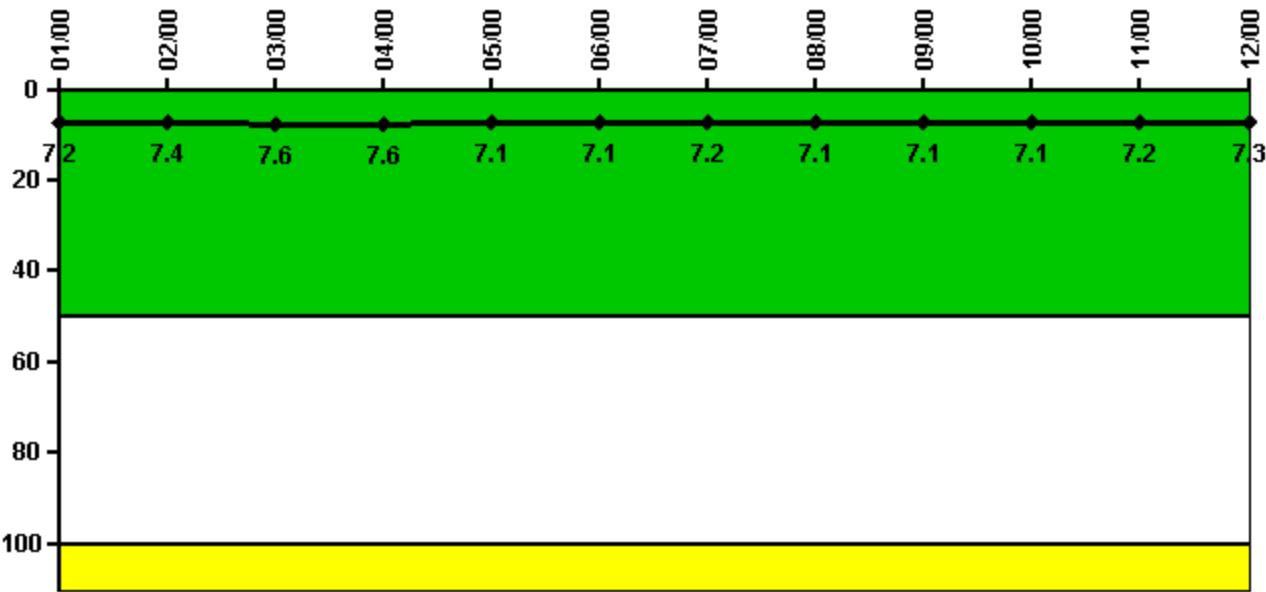
Thresholds: White > 50.0 Yellow > 100.0

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	0.000010	0.000002	0.000023	0.000008	0.000008	0.000053	0.000028	0.000011	0.000014	0.000020	0.000009	0.000015
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



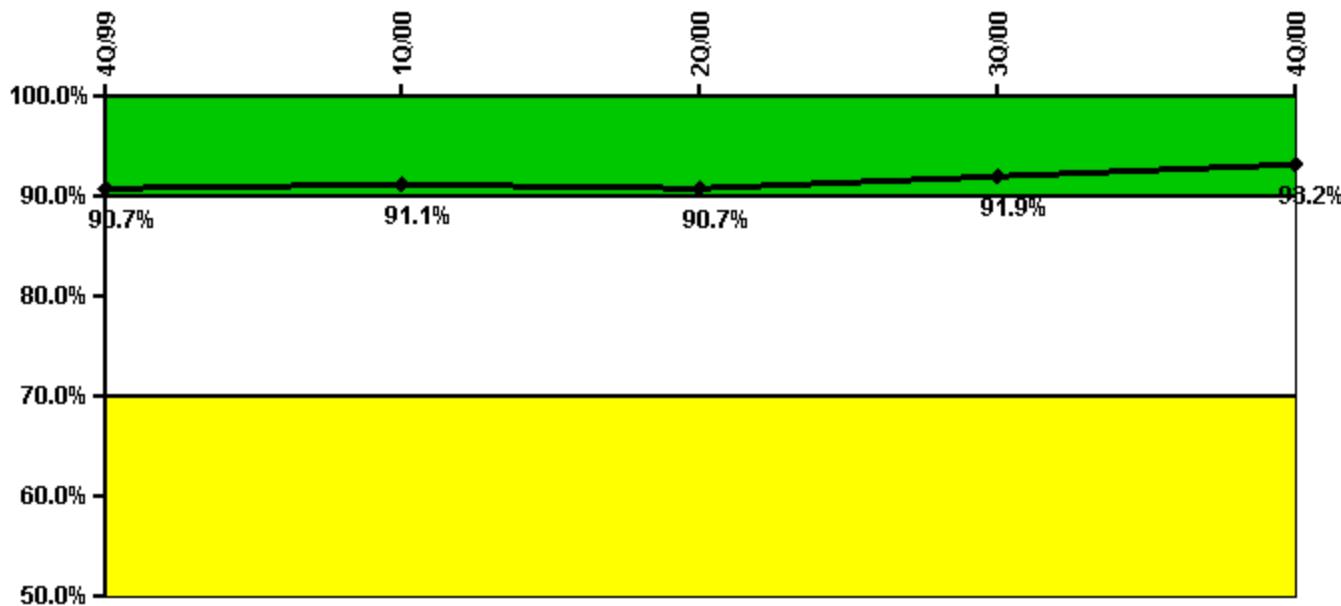
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00
Maximum leakage	1.802	1.850	1.905	1.905	1.767	1.770	1.810	1.778	1.775	1.770	1.800	1.818
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	7.2	7.4	7.6	7.6	7.1	7.1	7.2	7.1	7.1	7.1	7.2	7.3

Licensee Comments: none

Drill/Exercise Performance



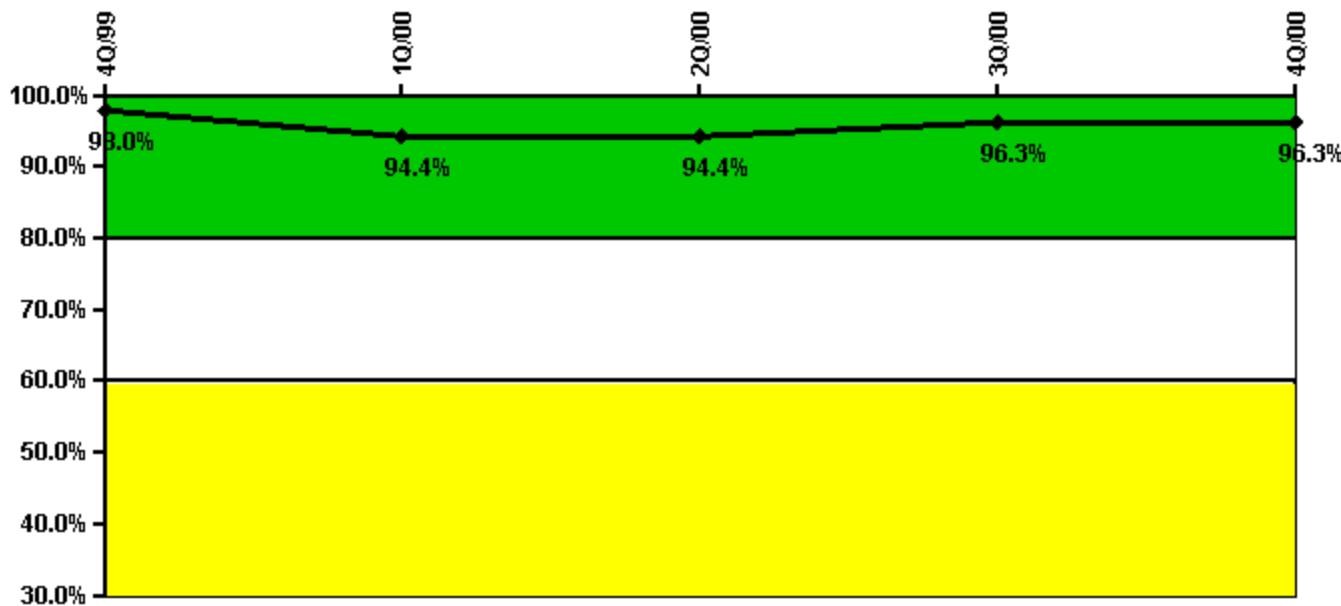
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Successful opportunities	52.0	6.0	14.0	85.0	61.0
Total opportunities	58.0	6.0	16.0	90.0	62.0
Indicator value	90.7%	91.1%	90.7%	91.9%	93.2%

Licensee Comments:

3Q/00: Third Quarter 2000 data collection process included a change based on FAQ 195 to count a notification opportunity that included both a classification and a Protective Action Recommendation as two notification opportunities. ****Third quarter data was under reported in the month of September. This change of data did not result in a change to the overall indicator color.

ERO Drill Participation

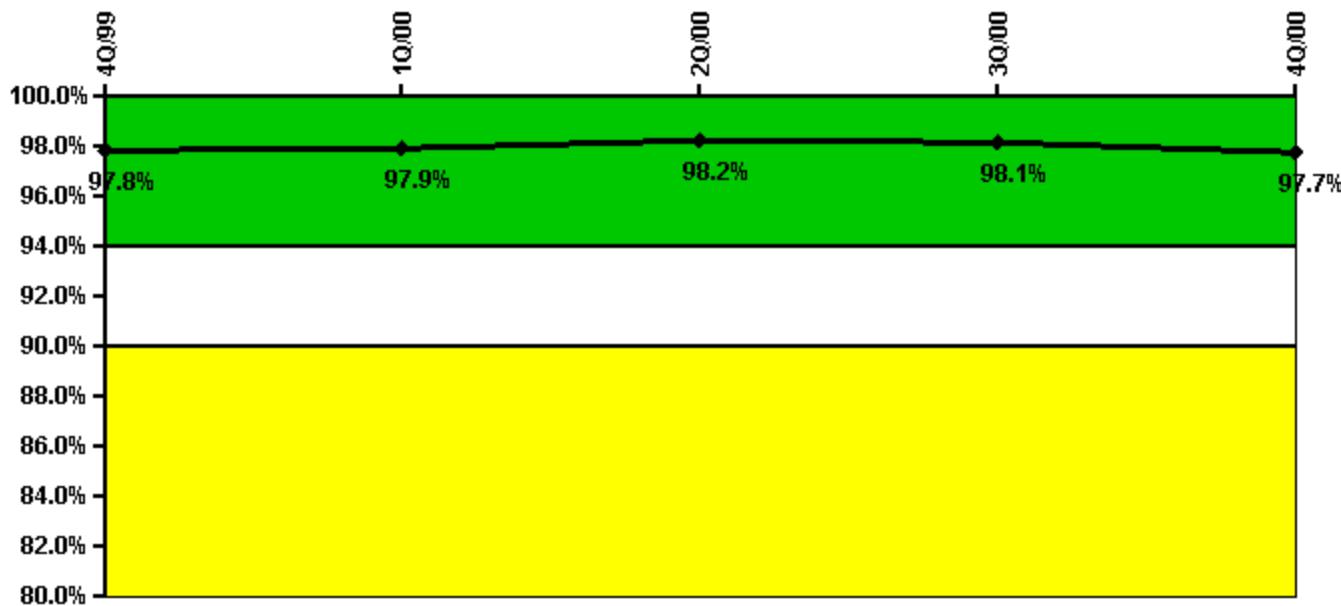
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Participating Key personnel	49.0	51.0	51.0	52.0	52.0
Total Key personnel	50.0	54.0	54.0	54.0	54.0
Indicator value	98.0%	94.4%	94.4%	96.3%	96.3%

Licensee Comments: none

Alert & Notification System

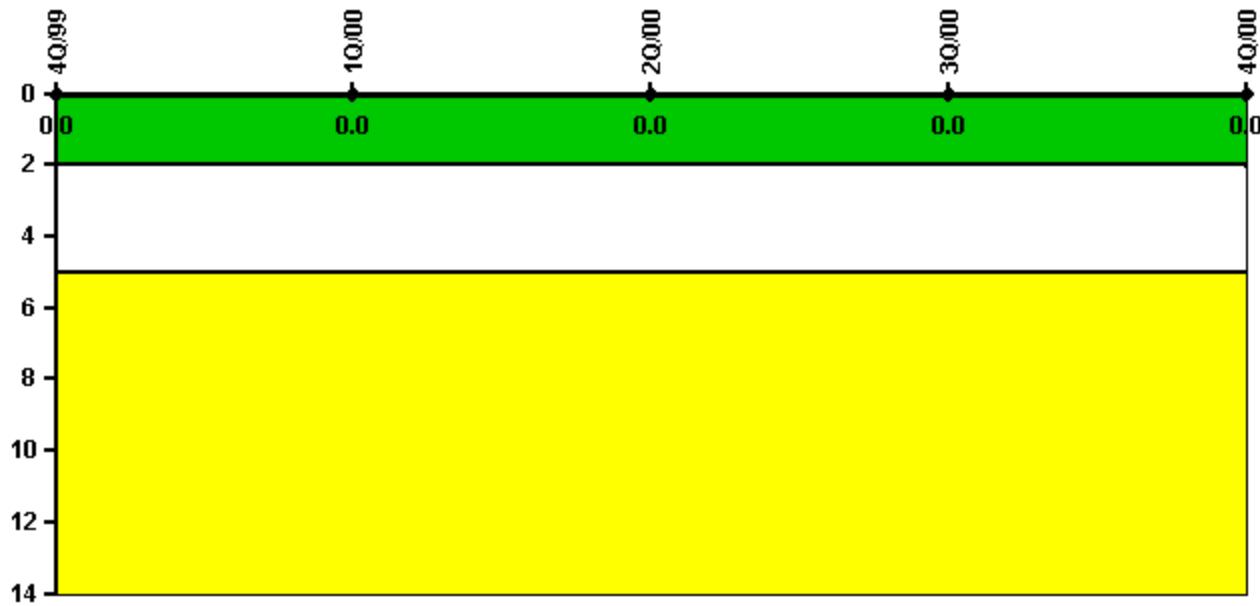


Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Successful siren-tests	4949	4960	4903	4864	4877
Total sirens-tests	4977	5056	5056	4977	4977
Indicator value	97.8%	97.9%	98.2%	98.1%	97.7%

Licensee Comments: none

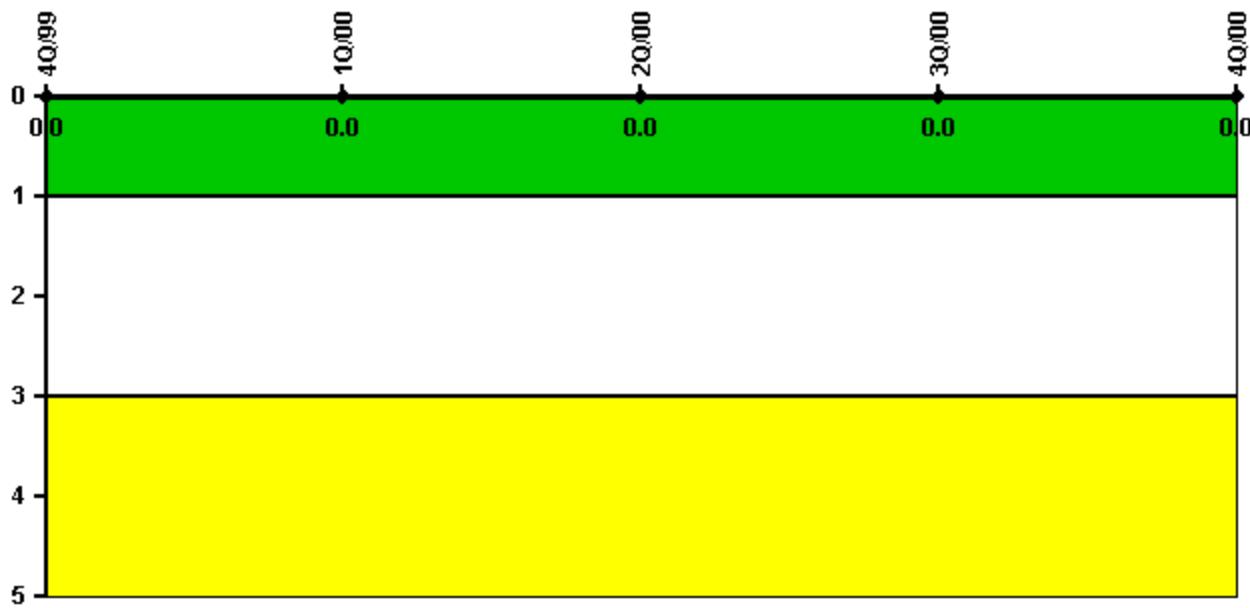
Occupational Exposure Control Effectiveness

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

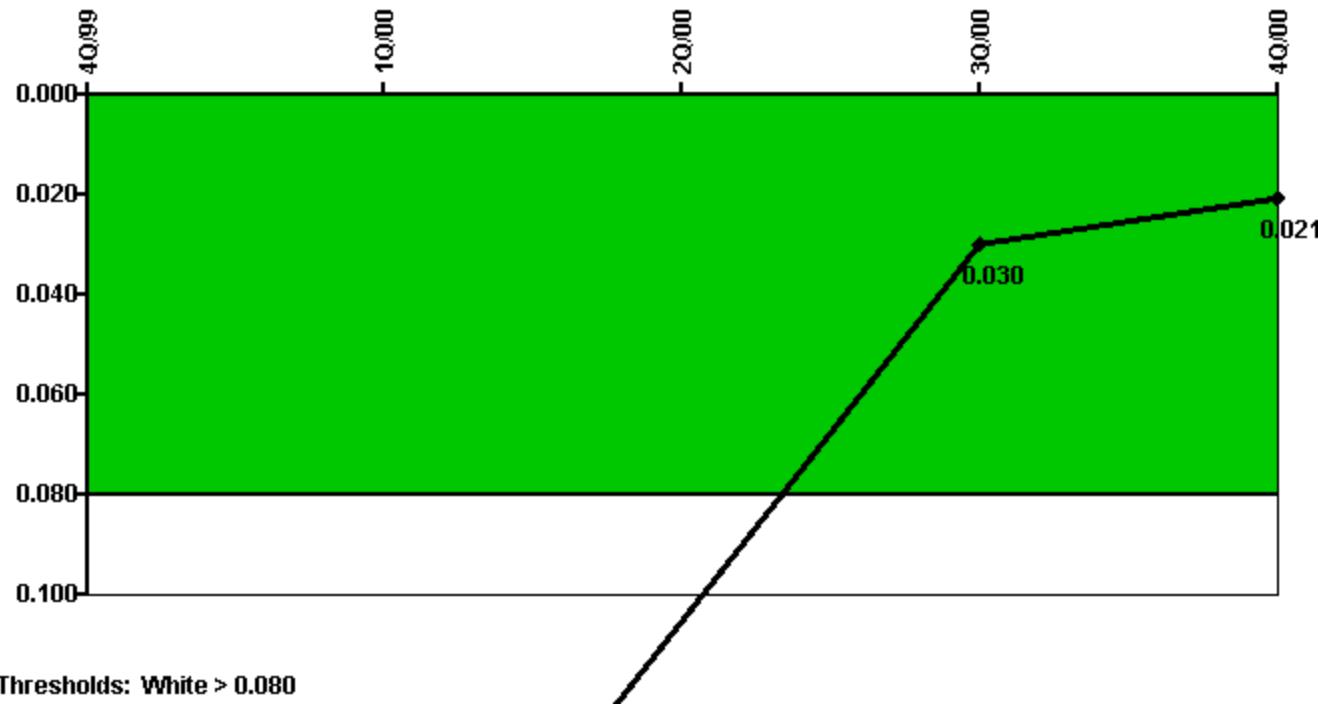
Thresholds: White > 1.0 Yellow > 3.0

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

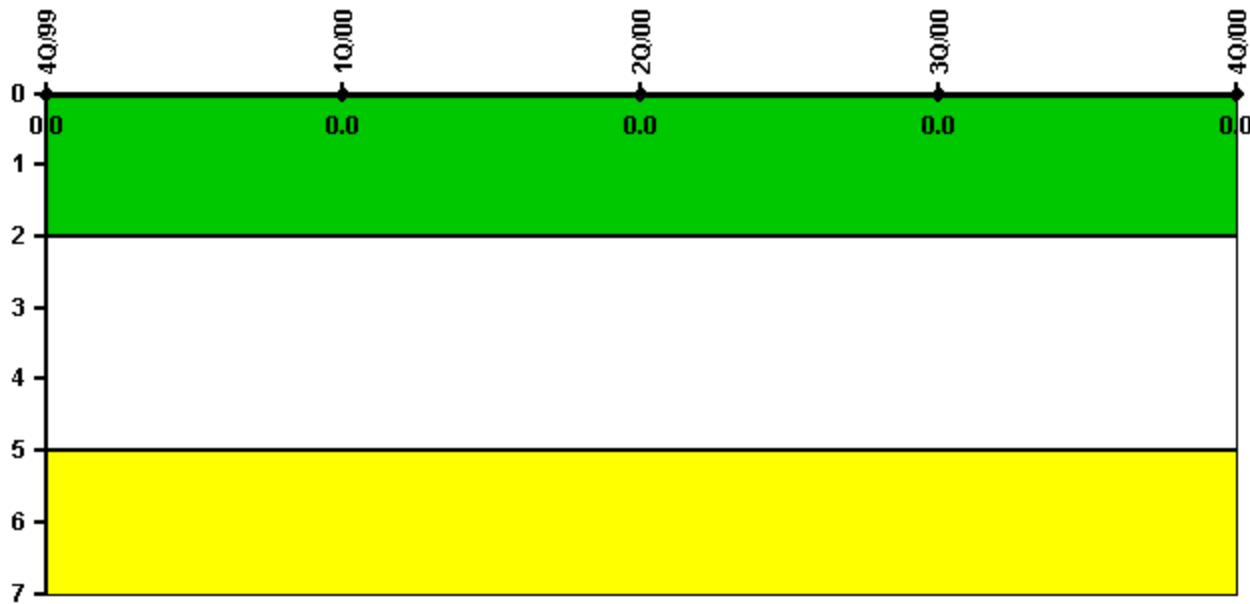


Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
IDS compensatory hours	258.80	14.80	178.10	20.18	2.17
CCTV compensatory hours	0	0	93.3	72.7	32.3
IDS normalization factor	1.30	1.30	1.30	1.30	1.30
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0
Index Value	0.179	0.139	0.105	0.030	0.021

Licensee Comments: none

Personnel Screening Program

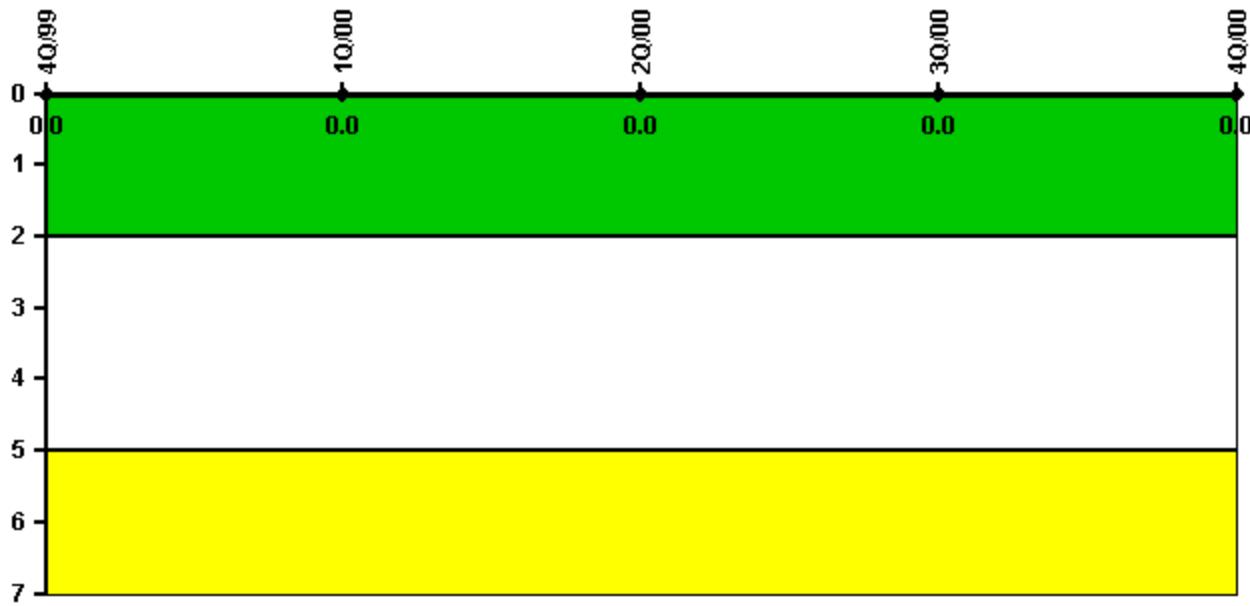


Thresholds: White > 2.0 Yellow > 5.0

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

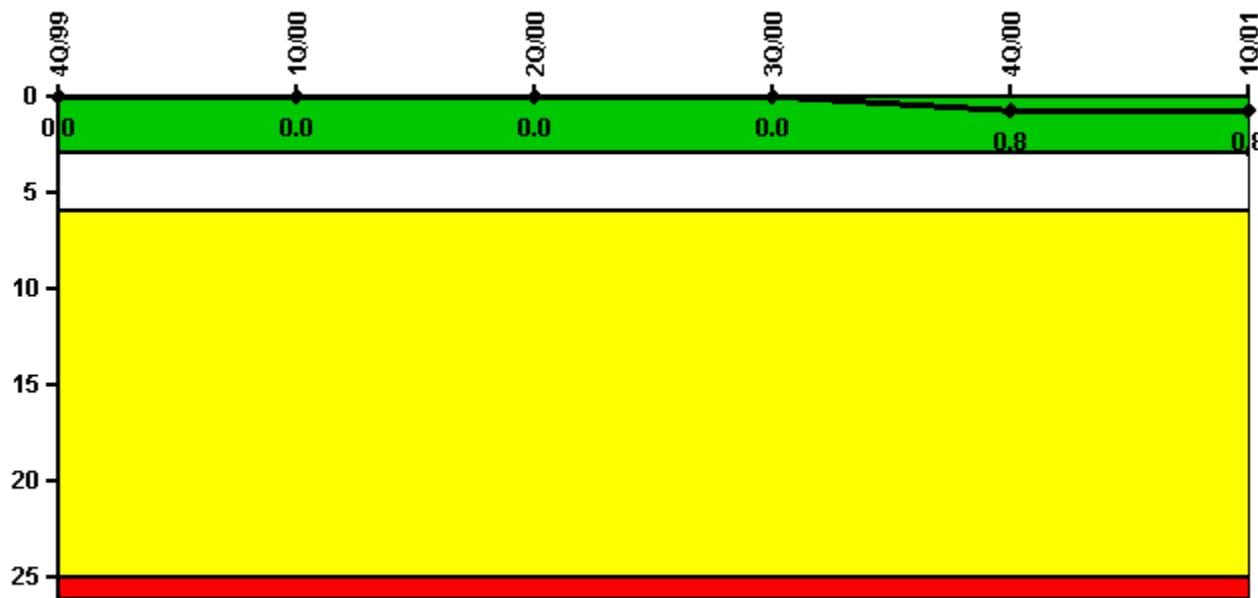


[PI Summary](#) | [Inspection Findings Summary](#) | [Action Matrix Summary](#) | [Reactor Oversight Process](#)

Last Modified: March 28, 2002

Dresden 2**1Q/2001 Performance Indicators**

Licensee's General Comments: none

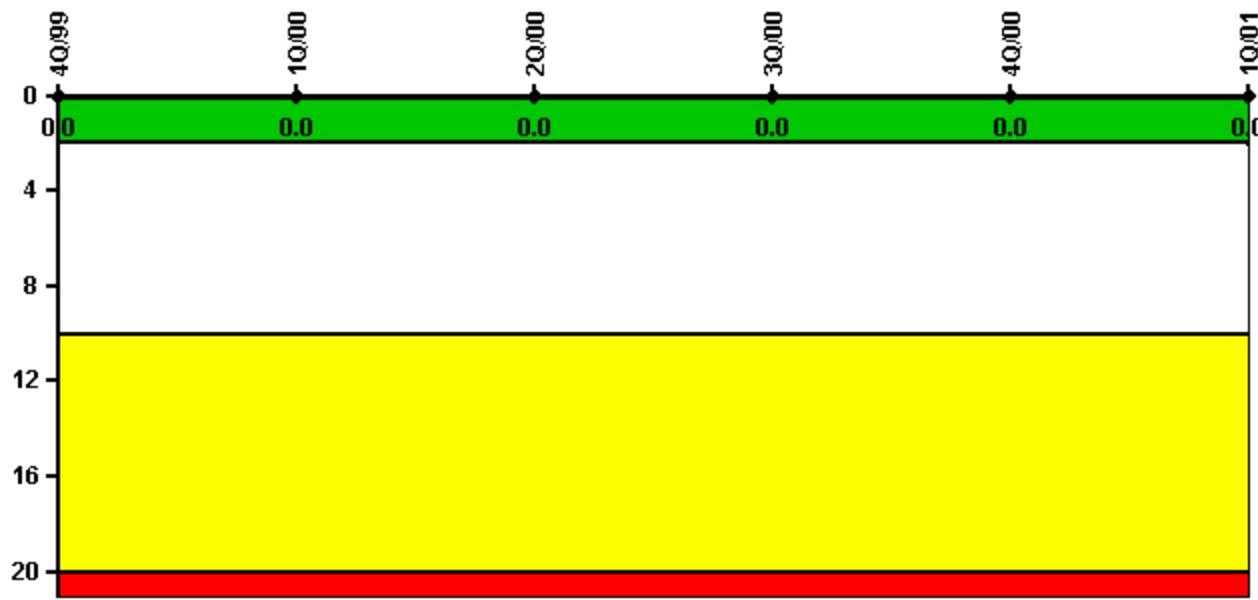
Unplanned Scrams per 7000 Critical Hrs

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	0	0	0	0	1.0	0
Critical hours	1617.7	2184.0	2183.0	2208.0	2183.9	2160.0
Indicator value	0	0	0	0	0.8	0.8

Licensee Comments: none

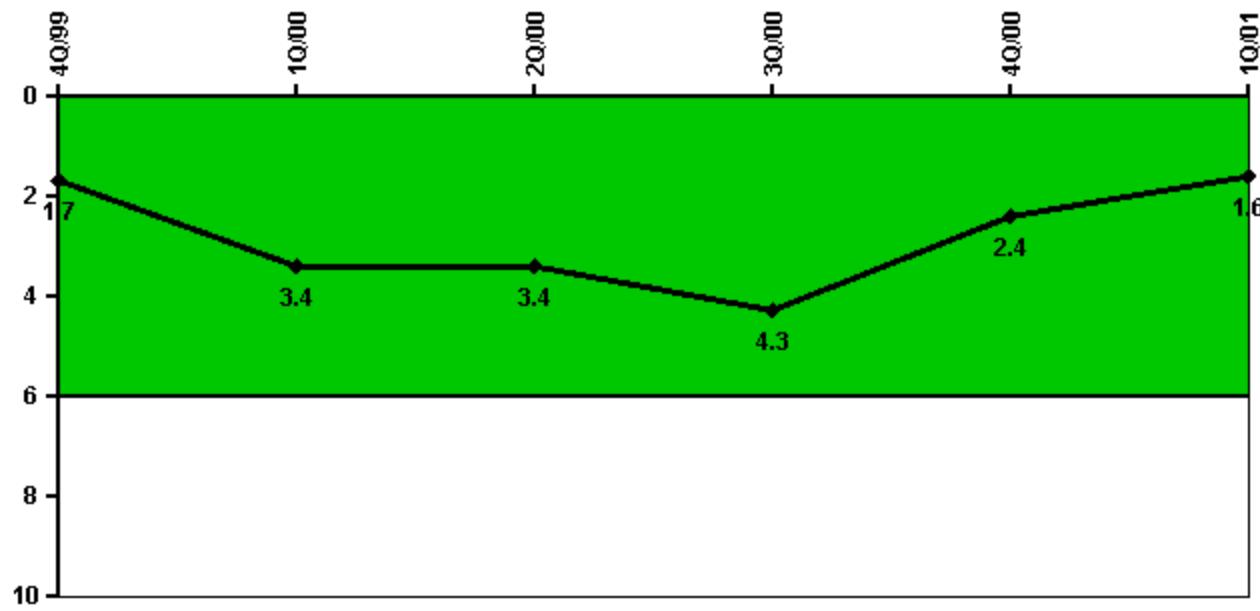
Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
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

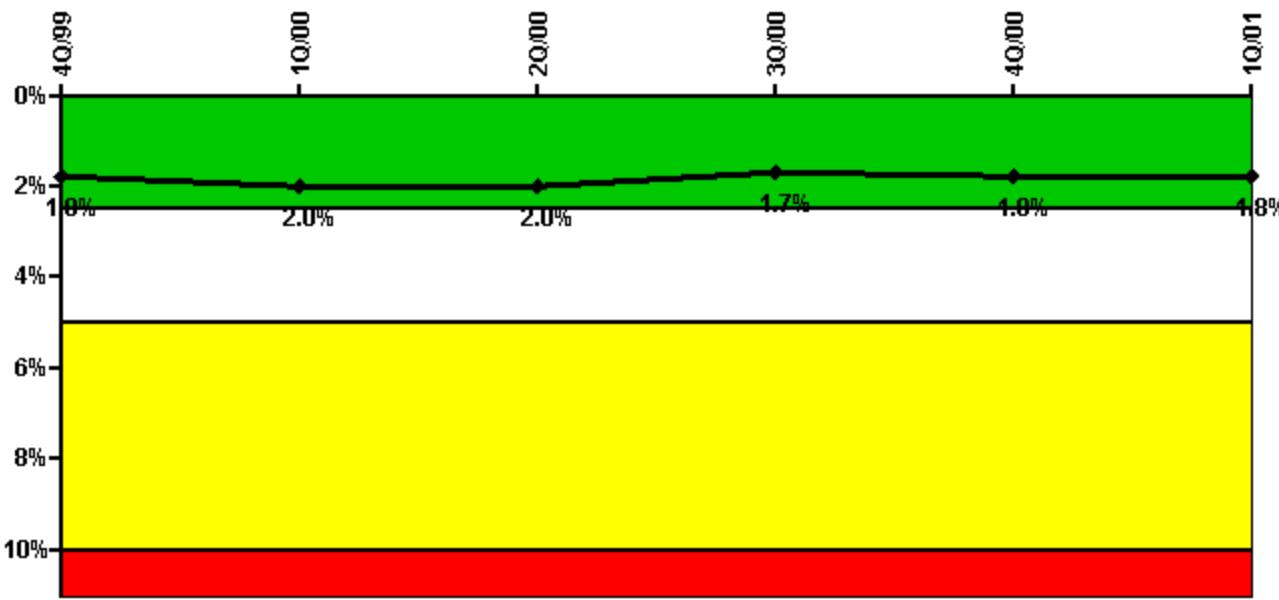
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Unplanned power changes	2.0	2.0	0	1.0	0	1.0
Critical hours	1617.7	2184.0	2183.0	2208.0	2183.9	2160.0
Indicator value	1.7	3.4	3.4	4.3	2.4	1.6

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



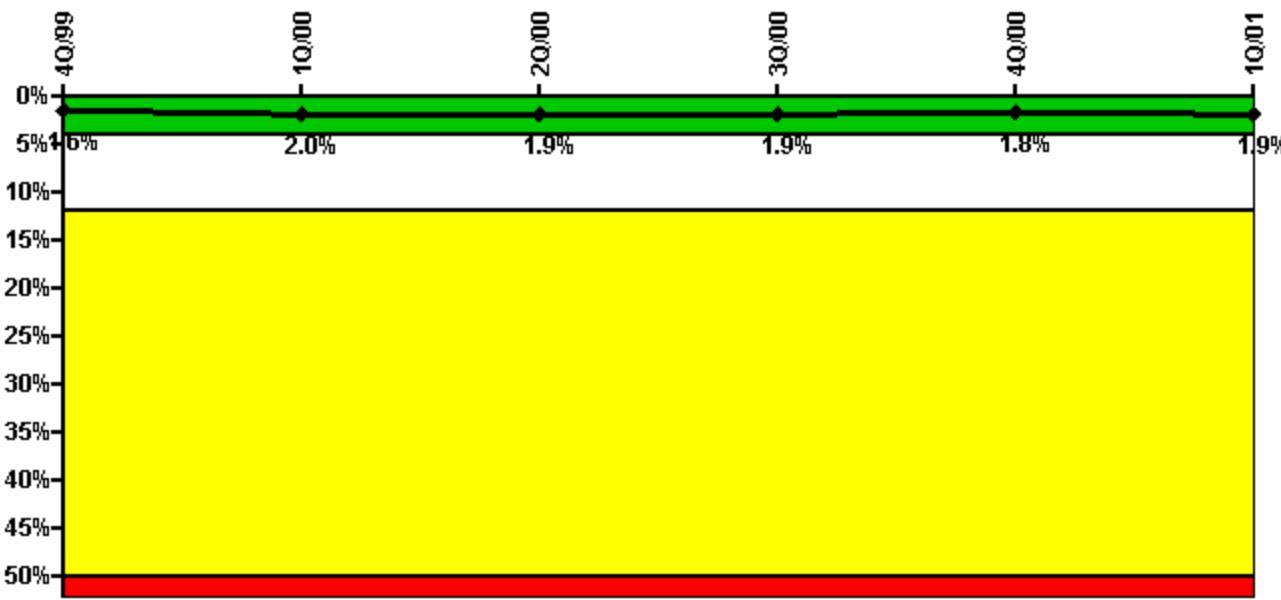
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Train 1						
Planned unavailable hours	6.25	9.31	9.34	13.55	36.08	88.90
Unplanned unavailable hours	0	0	43.00	0	0	26.90
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Train 2						
Planned unavailable hours	6.25	78.41	7.53	16.47	22.37	35.27
Unplanned unavailable hours	0	0	12.75	0	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Indicator value	1.8%	2.0%	2.0%	1.7%	1.8%	1.8%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)



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

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Train 1						
Planned unavailable hours	0.95	159.22	2.66	0.37	24.45	45.25
Unplanned unavailable hours	0	0	0	0	0.28	0.38
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	1617.68	2184.00	2183.00	2208.00	2183.93	2160.00
Indicator value	1.6%	2.0%	1.9%	1.9%	1.8%	1.9%

Licensee Comments: none

Safety System Unavailability, Heat Removal System

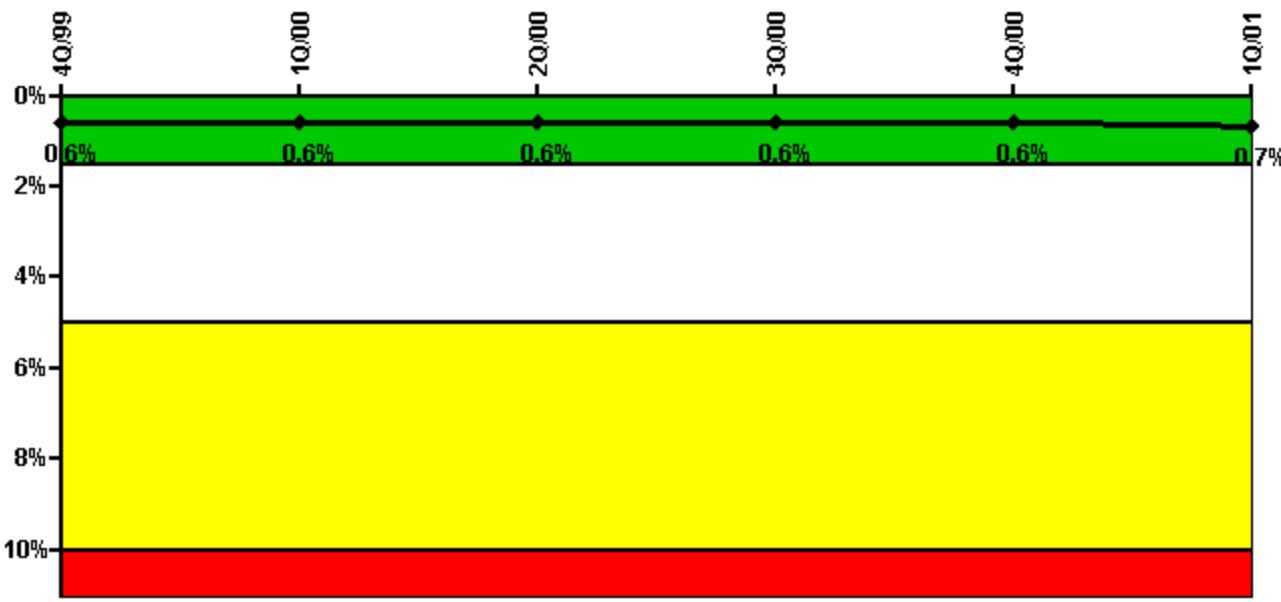
Thresholds under development / review

Notes

Safety System Unavailability, Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Train 1						
Planned unavailable hours	7.03	56.33				
Unplanned unavailable hours	0	6.23				
Fault exposure hours	0	0				
Effective Reset hours	0	0	0	0	0	0
Required hours	1617.68	2184.00				
Indicator value	1.0%	1.0%				

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



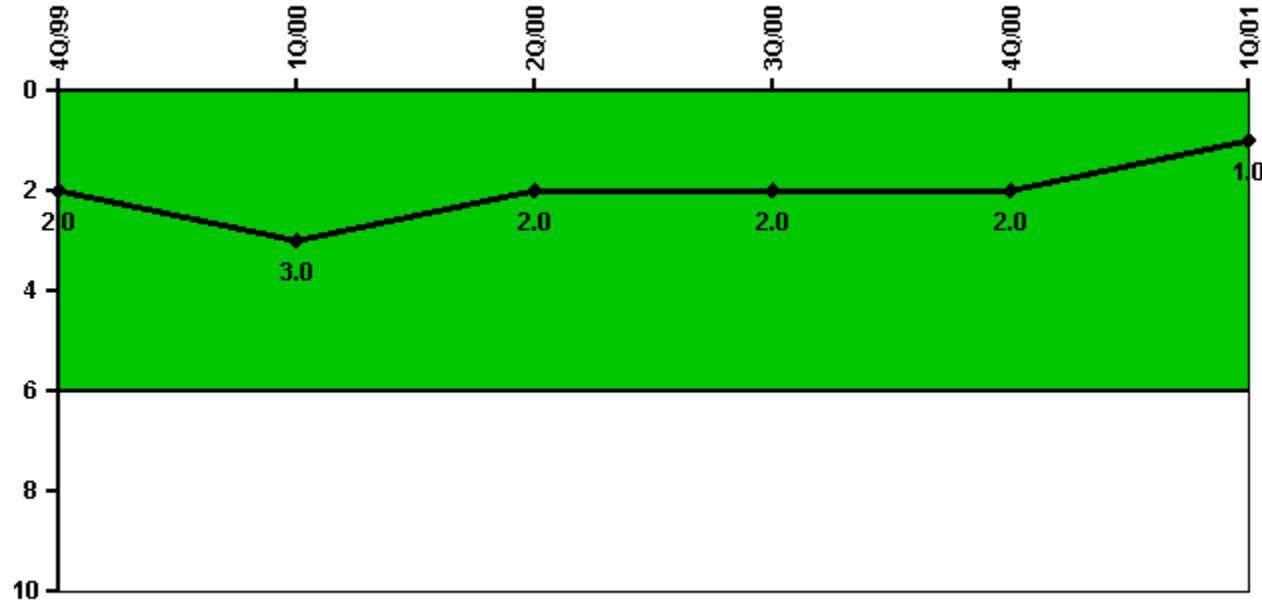
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System		4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Train 1							
Planned unavailable hours		62.08	2.76	0.18	0.08	7.32	47.20
Unplanned unavailable hours		0	0	0	0	0	0
Fault exposure hours		0	0	0	0	0	0
Effective Reset hours		0	0	0	0	0	0
Required hours		2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Train 2							
Planned unavailable hours		0.05	2.32	0.18	40.55	14.07	65.78
Unplanned unavailable hours		0	0	0	0	18.87	0
Fault exposure hours		0	0	0	0	0	0
Effective Reset hours		0	0	0	0	0	0
Required hours		2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Train 3							
Planned unavailable hours		0	0	0.63	0	0.58	0
Unplanned unavailable hours		6.40	0	0	0	0	0
Fault exposure hours		0	0	0	0	0	0
Effective Reset hours		0	0	0	0	0	0
Required hours		2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Train 4							
Planned unavailable hours		0	0	0.63	0	0.58	0
Unplanned unavailable hours		6.40	0	0	0	0	0
Fault exposure hours		0	0	0	0	0	0
Effective Reset hours		0	0	0	0	0	0
Required hours		2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Indicator value		0.6%	0.6%	0.6%	0.6%	0.6%	0.7%

Licensee Comments: none

Safety System Functional Failures (BWR)



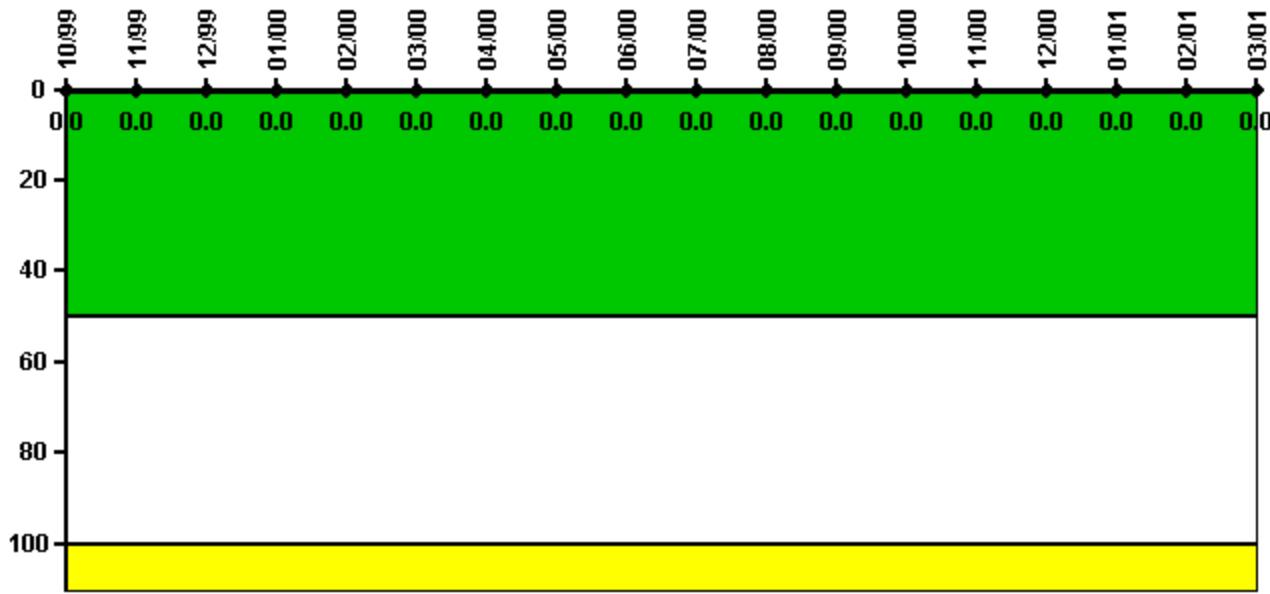
Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

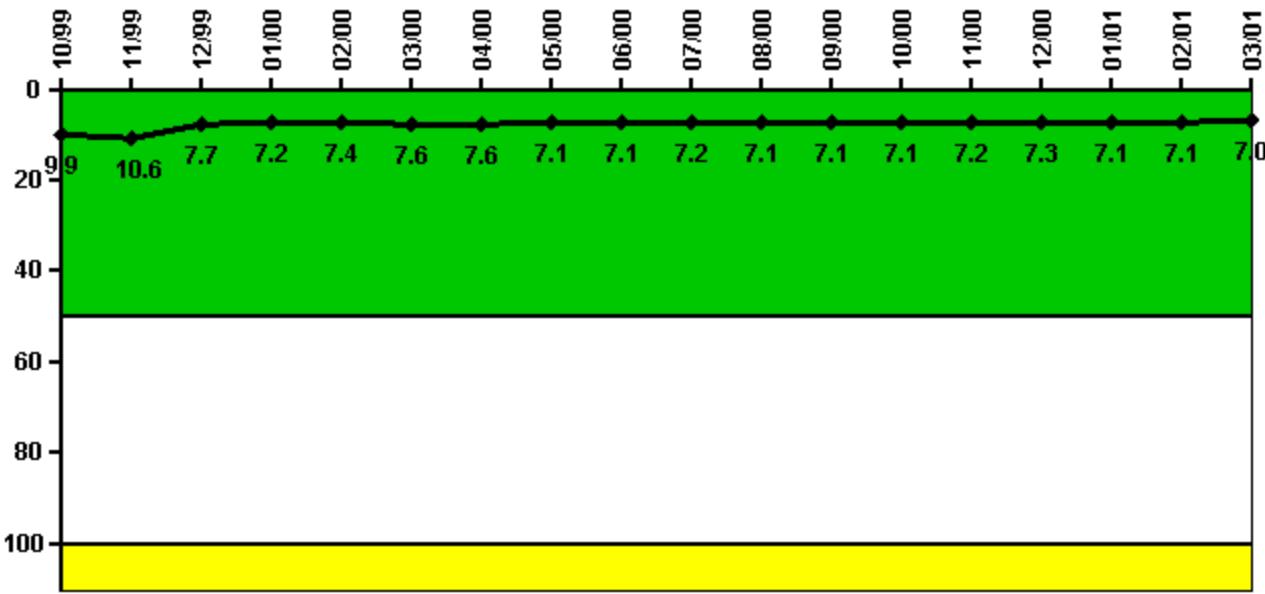
Notes

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	0.000024	0.000007	0.000030	0.000010	0.000002	0.000023	0.000008	0.000008	0.000053	0.000028	0.000011	0.000014
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01
Maximum activity	0.000020	0.000009	0.000015	0.000007	0.000009	0.000015
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



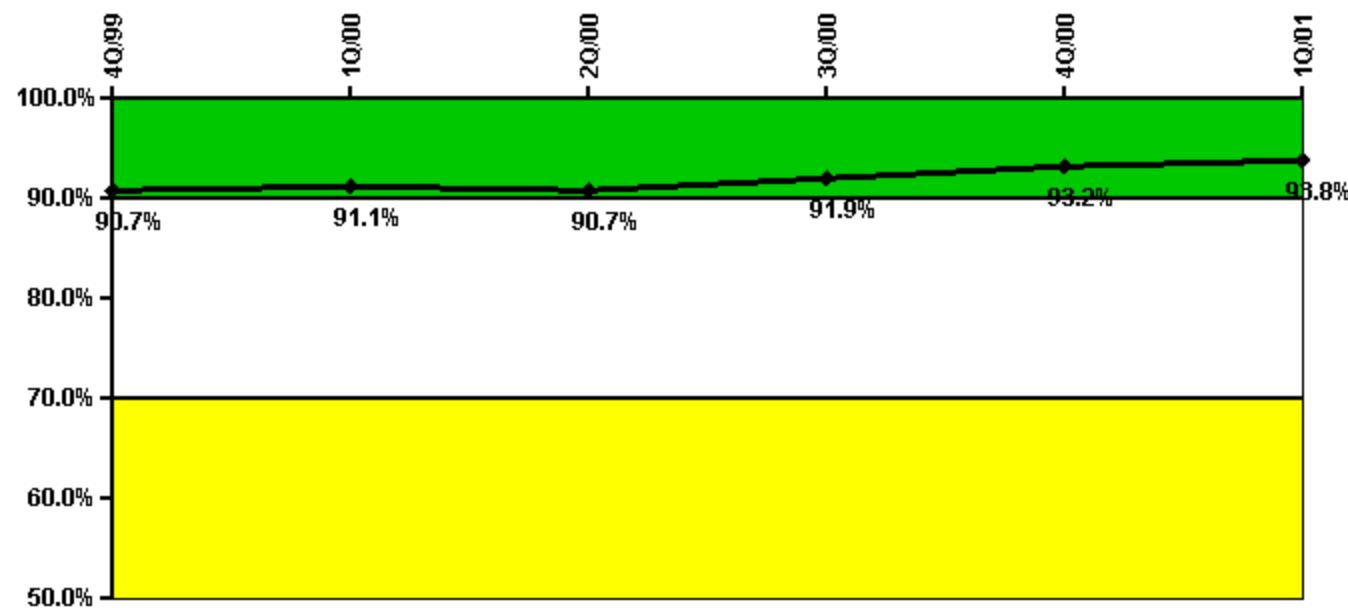
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum leakage	2.480	2.655	1.930	1.802	1.850	1.905	1.905	1.767	1.770	1.810	1.778	1.775
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	9.9	10.6	7.7	7.2	7.4	7.6	7.6	7.1	7.1	7.2	7.1	7.1

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01
Maximum leakage	1.770	1.800	1.818	1.775	1.768	1.743
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	7.1	7.2	7.3	7.1	7.1	7.0

Licensee Comments: none

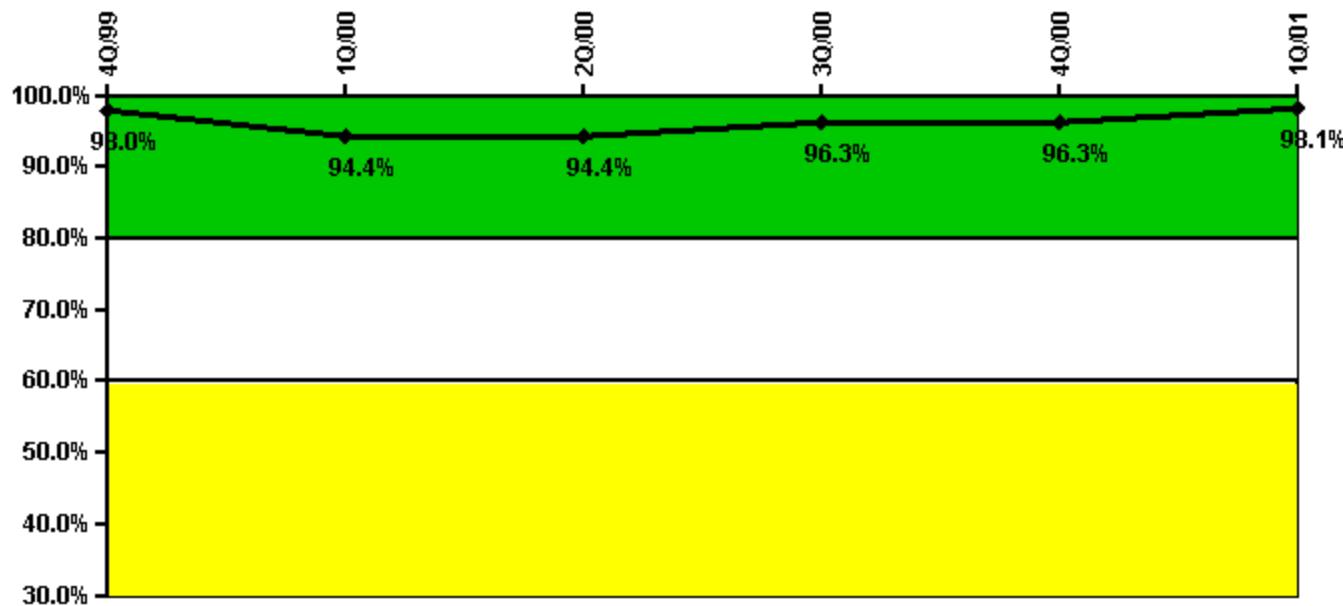
Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Successful opportunities	52.0	6.0	14.0	85.0	61.0	33.0
Total opportunities	58.0	6.0	16.0	90.0	62.0	34.0
Indicator value	90.7%	91.1%	90.7%	91.9%	93.2%	93.8%

Licensee Comments: none

ERO Drill Participation

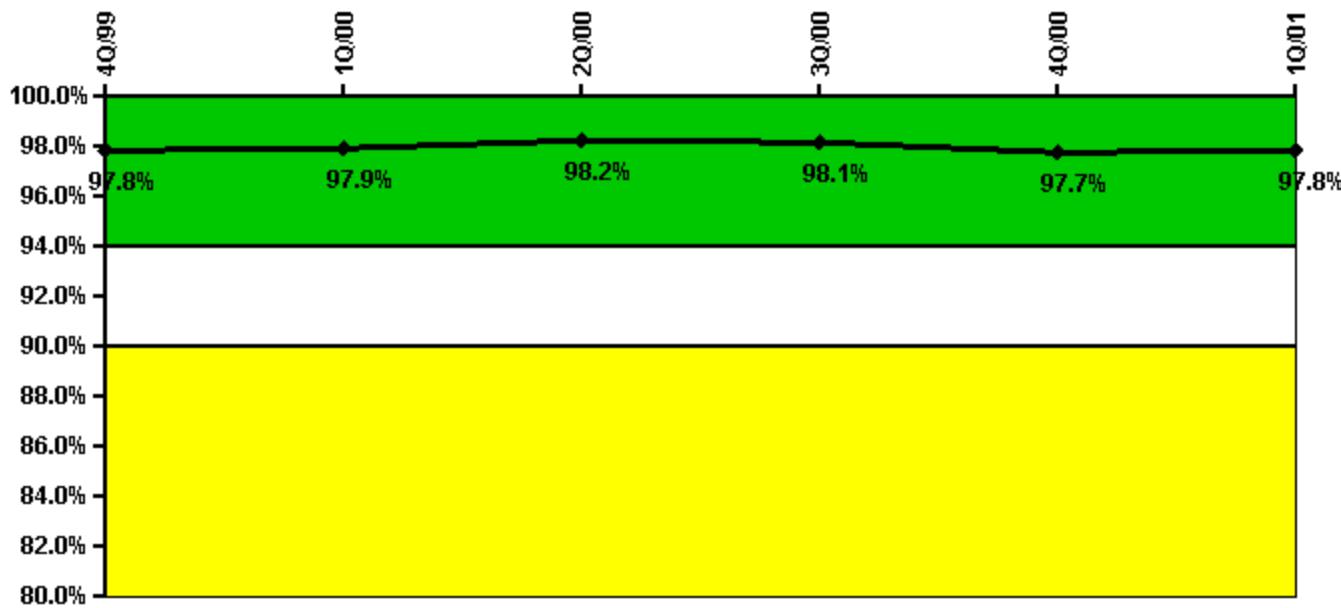
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Participating Key personnel	49.0	51.0	51.0	52.0	52.0	52.0
Total Key personnel	50.0	54.0	54.0	54.0	54.0	53.0
Indicator value	98.0%	94.4%	94.4%	96.3%	96.3%	98.1%

Licensee Comments: none

Alert & Notification System

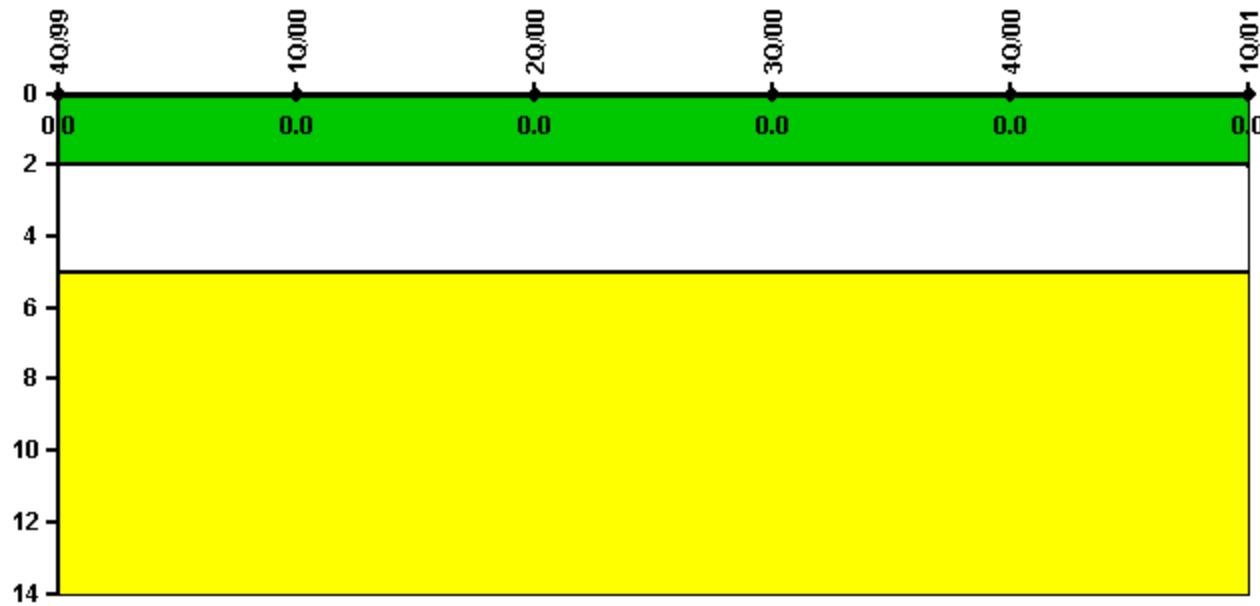


Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Successful siren-tests	4949	4960	4903	4864	4877	4979
Total sirens-tests	4977	5056	5056	4977	4977	5056
Indicator value	97.8%	97.9%	98.2%	98.1%	97.7%	97.8%

Licensee Comments: none

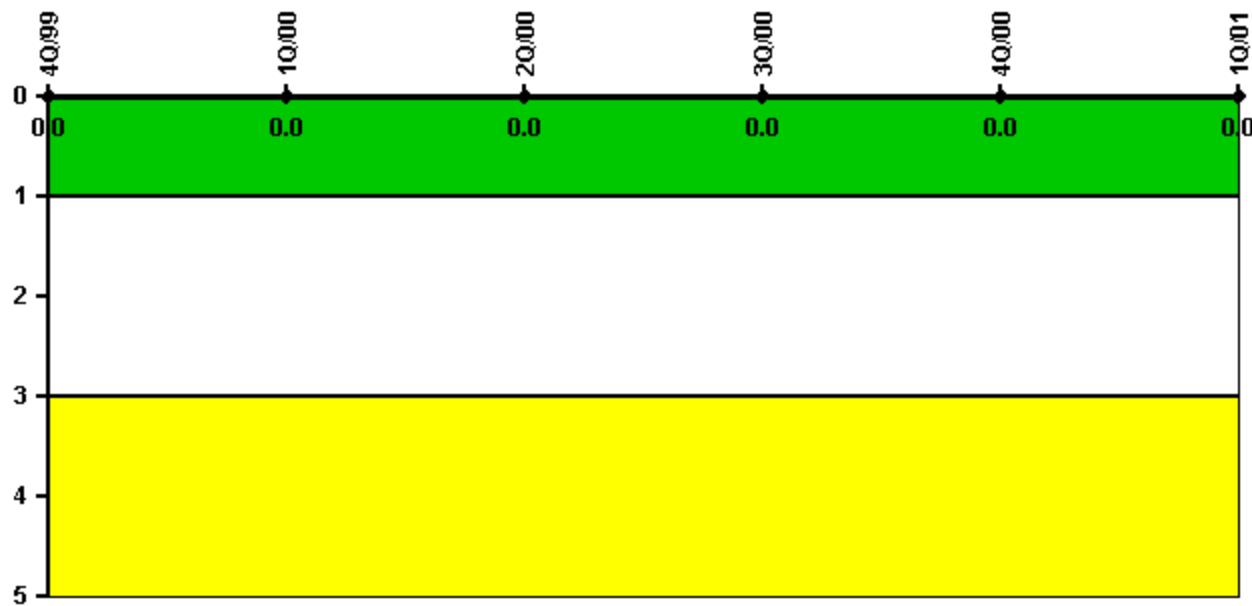
Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
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

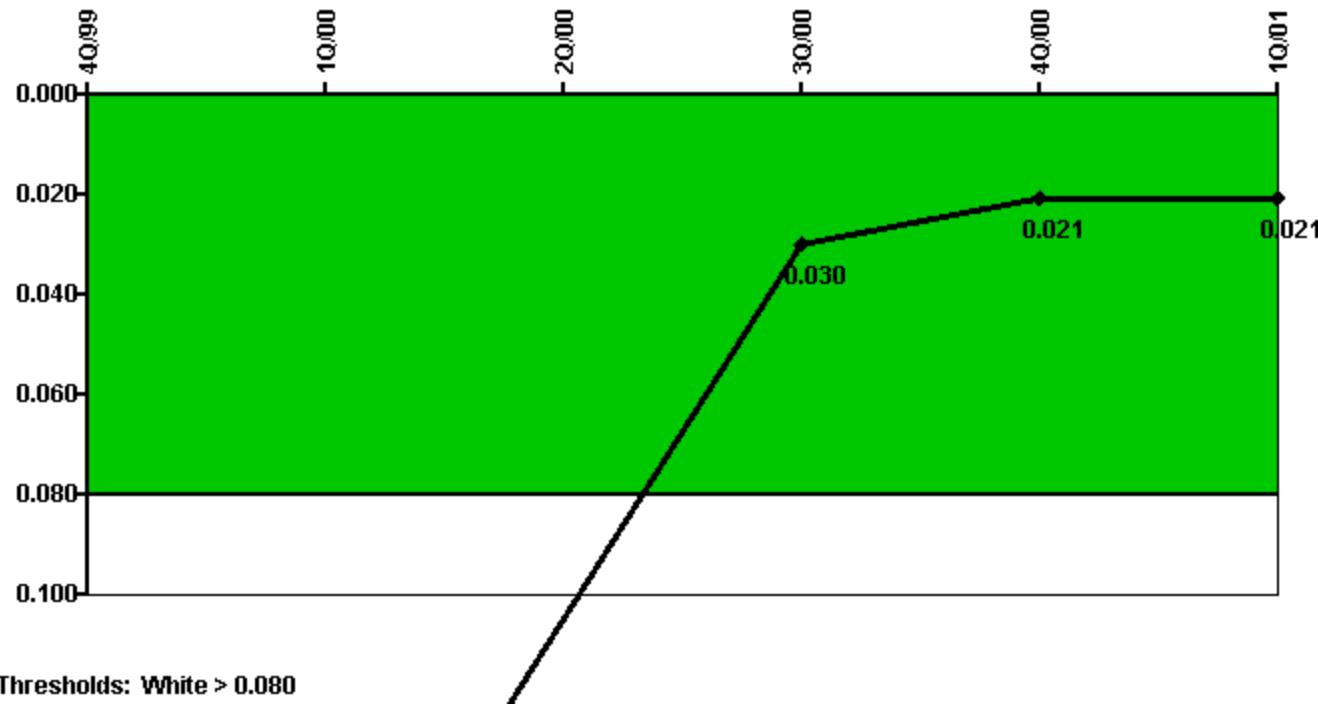
RETS/ODCM Radiological Effluent

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	258.80	14.80	178.10	20.18	2.17	0
CCTV compensatory hours	0	0	93.3	72.7	32.3	19.0
IDS normalization factor	1.30	1.30	1.30	1.30	1.30	1.30
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.179	0.139	0.105	0.030	0.021	0.021

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

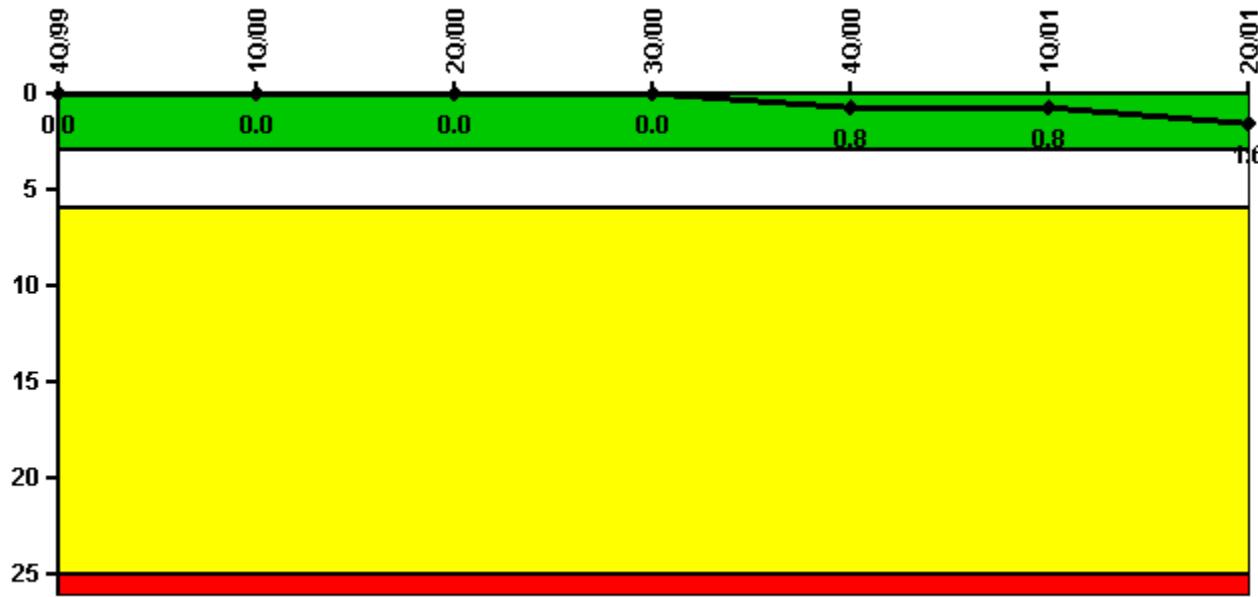


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Last Modified: March 28, 2002

Dresden 2**2Q/2001 Performance Indicators**

Licensee's General Comments: none

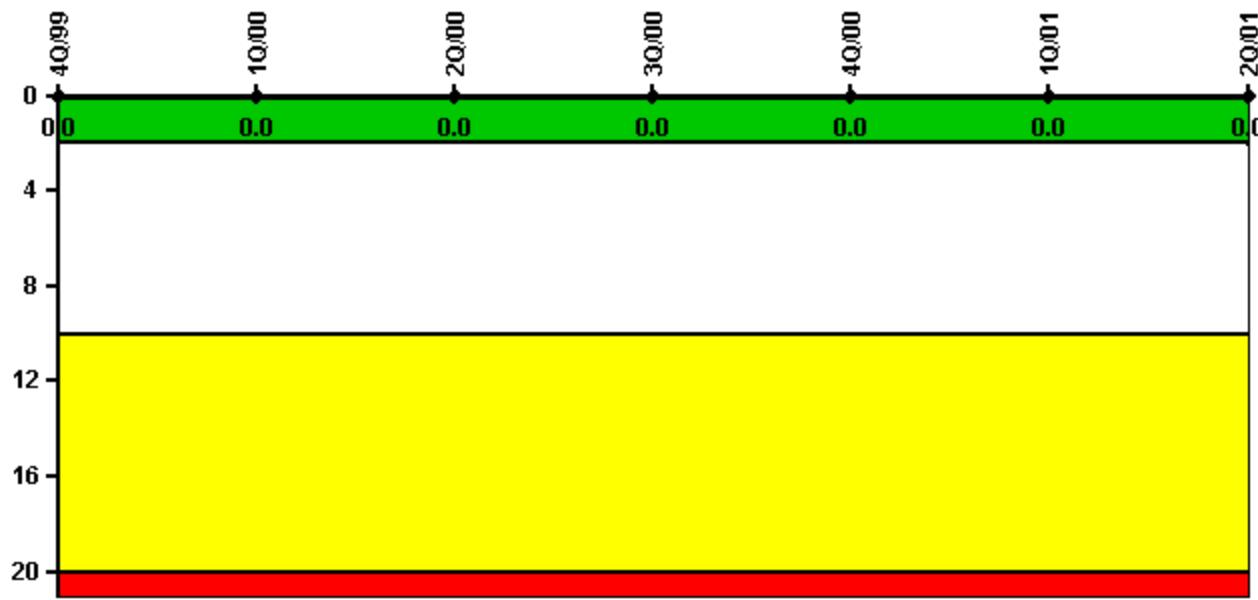
Unplanned Scrams per 7000 Critical Hrs

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	0	0	0	0	1.0	0	1.0
Critical hours	1617.7	2184.0	2183.0	2208.0	2183.9	2160.0	2120.7
Indicator value	0	0	0	0	0.8	0.8	1.6

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

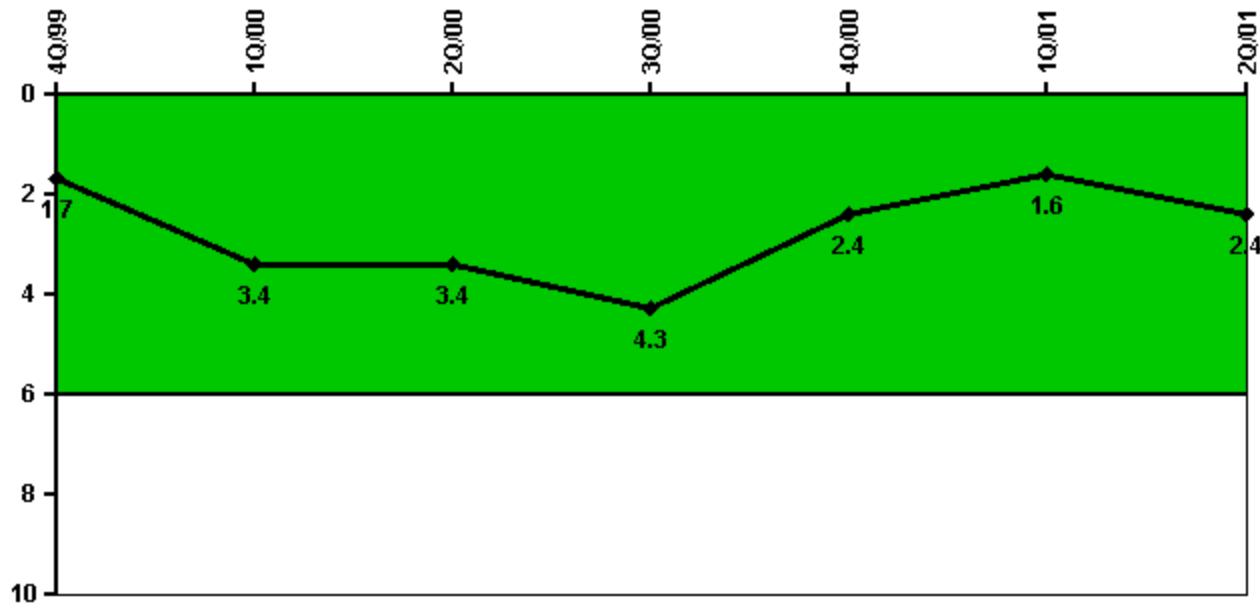
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

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



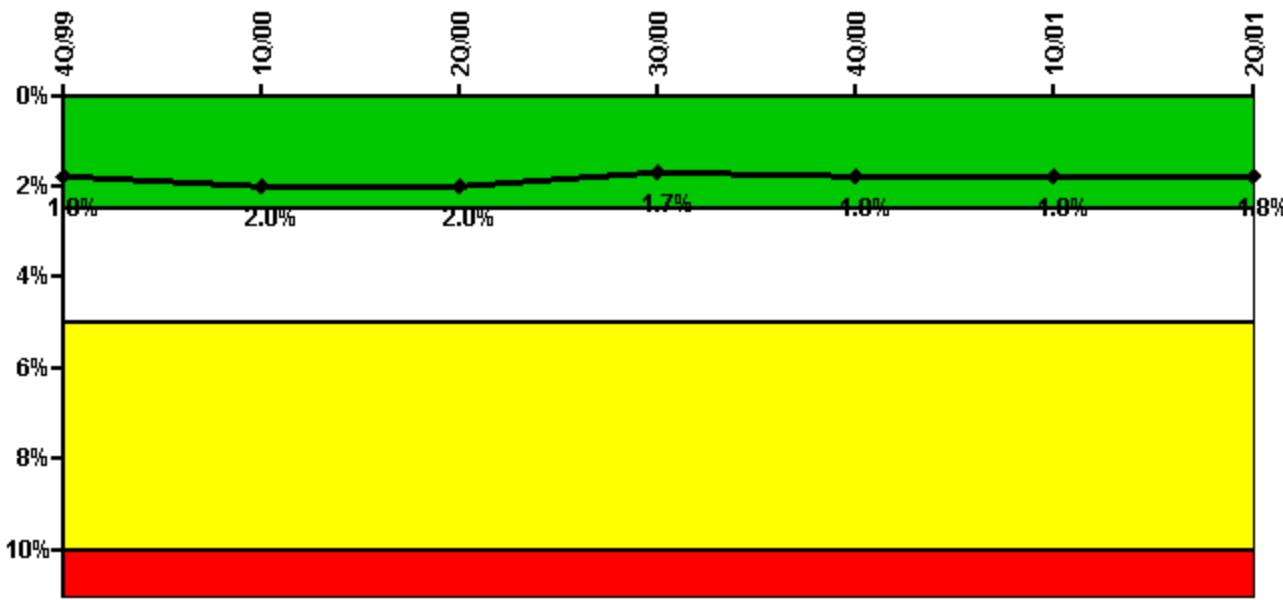
Thresholds: White > 6.0

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	2.0	2.0	0	1.0	0	1.0	1.0
Critical hours	1617.7	2184.0	2183.0	2208.0	2183.9	2160.0	2120.7
Indicator value	1.7	3.4	3.4	4.3	2.4	1.6	2.4

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



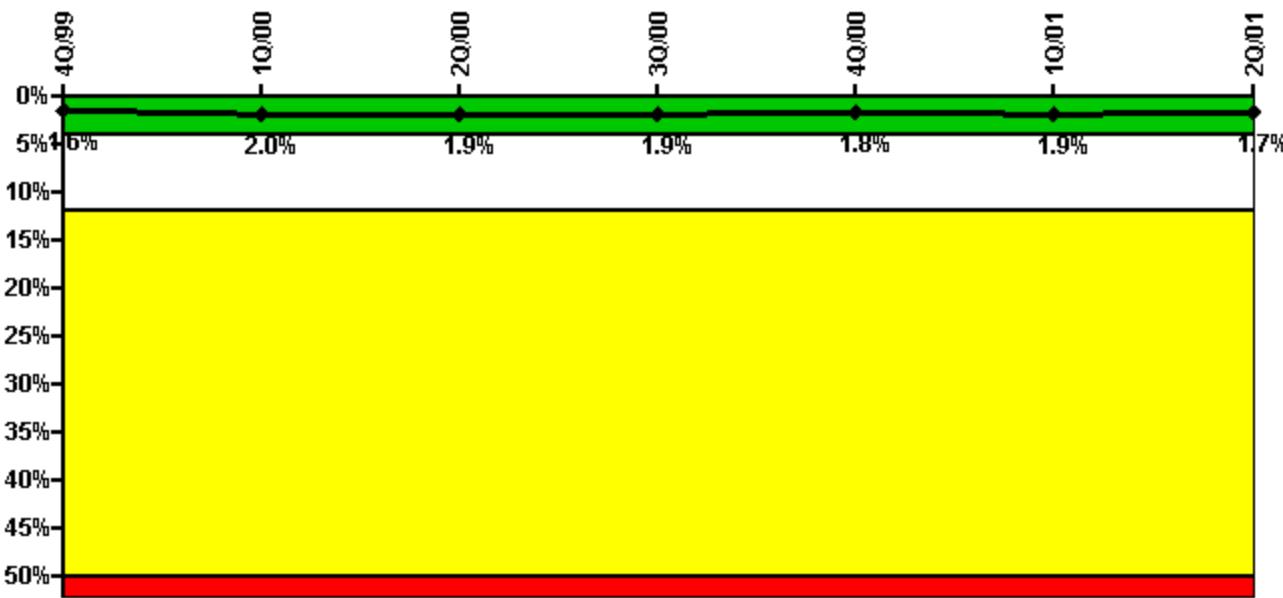
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

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	6.25	9.31	9.34	13.55	36.08	88.90	10.98
Unplanned unavailable hours	0	0	43.00	0	0	26.90	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2							
Planned unavailable hours	6.25	78.41	7.53	16.47	22.37	35.27	71.38
Unplanned unavailable hours	0	0	12.75	0	0	0	2.80
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	1.8%	2.0%	2.0%	1.7%	1.8%	1.8%	1.8%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)



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

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	0.95	159.22	2.66	0.37	24.45	45.25	17.50
Unplanned unavailable hours	0	0	0	0	0.28	0.38	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	1617.68	2184.00	2183.00	2208.00	2183.93	2160.00	2120.65
Indicator value	1.6%	2.0%	1.9%	1.9%	1.8%	1.9%	1.7%

Licensee Comments: none

Safety System Unavailability, Heat Removal System

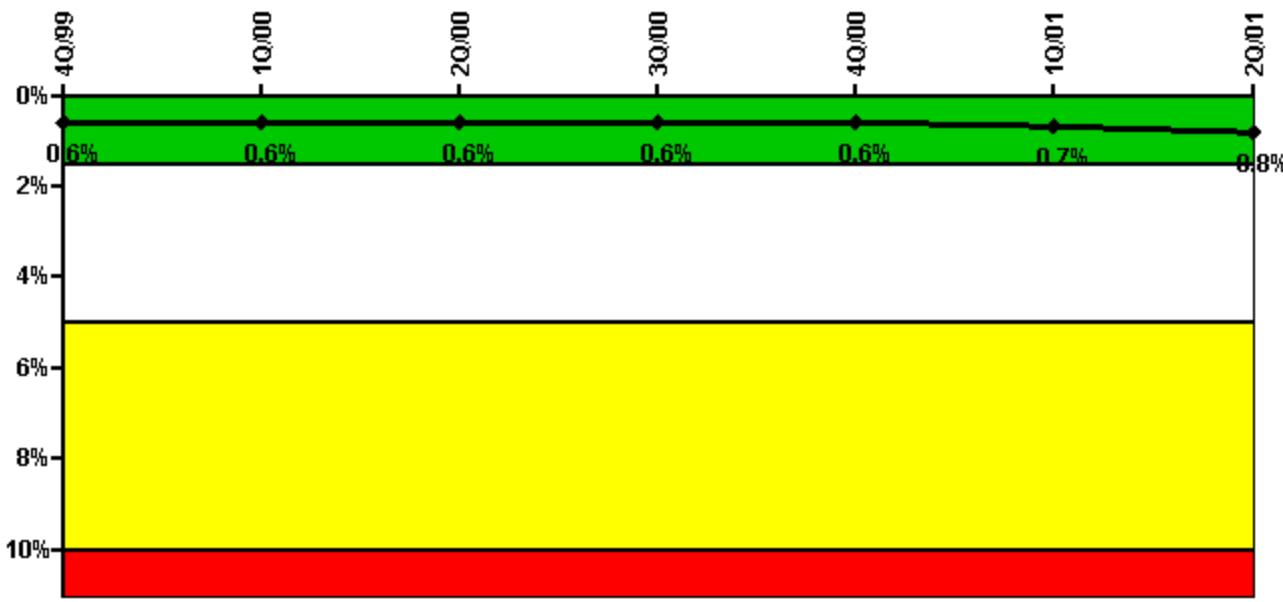
Thresholds under development / review

Notes

Safety System Unavailability, Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	7.03	56.33					
Unplanned unavailable hours	0	6.23					
Fault exposure hours	0	0					
Effective Reset hours	0	0	0	0	0	0	0
Required hours	1617.68	2184.00					
Indicator value	1.0%	1.0%					

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



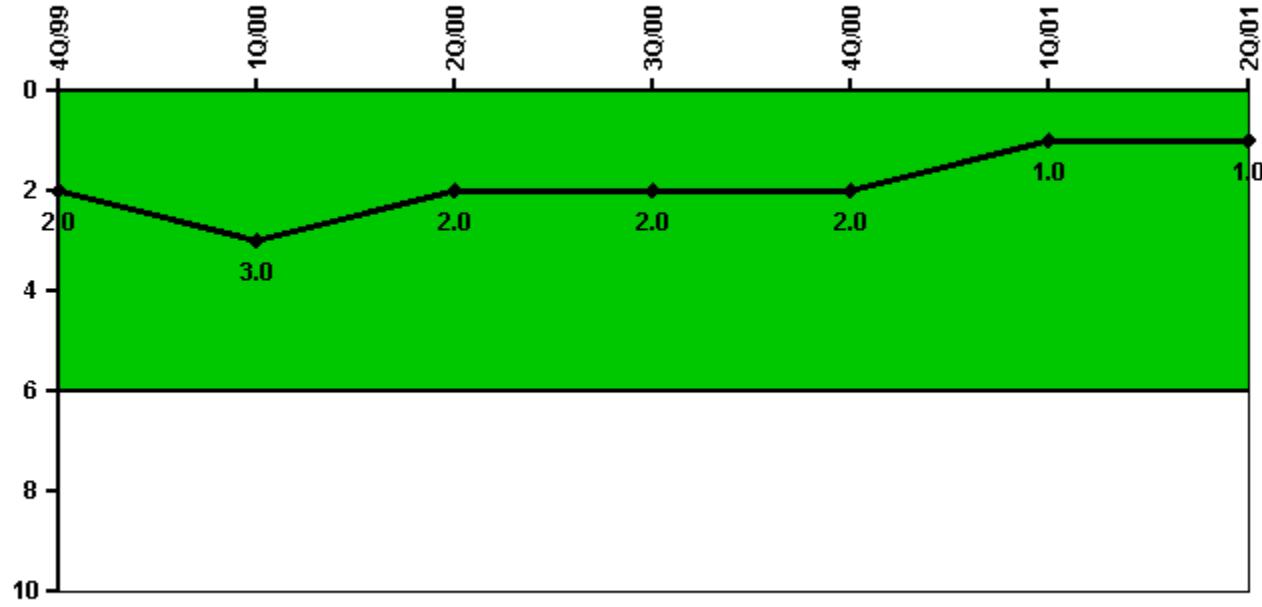
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System		4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1								
Planned unavailable hours		62.08	2.76	0.18	0.08	7.32	47.20	40.03
Unplanned unavailable hours		0	0	0	0	0	0	0
Fault exposure hours		0	0	0	0	0	0	0
Effective Reset hours		0	0	0	0	0	0	0
Required hours		2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours		0.05	2.32	0.18	40.55	14.07	65.78	0
Unplanned unavailable hours		0	0	0	0	18.87	0	0
Fault exposure hours		0	0	0	0	0	0	0
Effective Reset hours		0	0	0	0	0	0	0
Required hours		2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 3								
Planned unavailable hours		0	0	0.63	0	0.58	0	0
Unplanned unavailable hours		6.40	0	0	0	0	0	0
Fault exposure hours		0	0	0	0	0	0	0
Effective Reset hours		0	0	0	0	0	0	0
Required hours		2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 4								
Planned unavailable hours		0	0	0.63	0	0.58	0	0
Unplanned unavailable hours		6.40	0	0	0	0	0	0
Fault exposure hours		0	0	0	0	0	0	0
Effective Reset hours		0	0	0	0	0	0	0
Required hours		2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value		0.6%	0.6%	0.6%	0.6%	0.6%	0.7%	0.8%

Licensee Comments: none

Safety System Functional Failures (BWR)



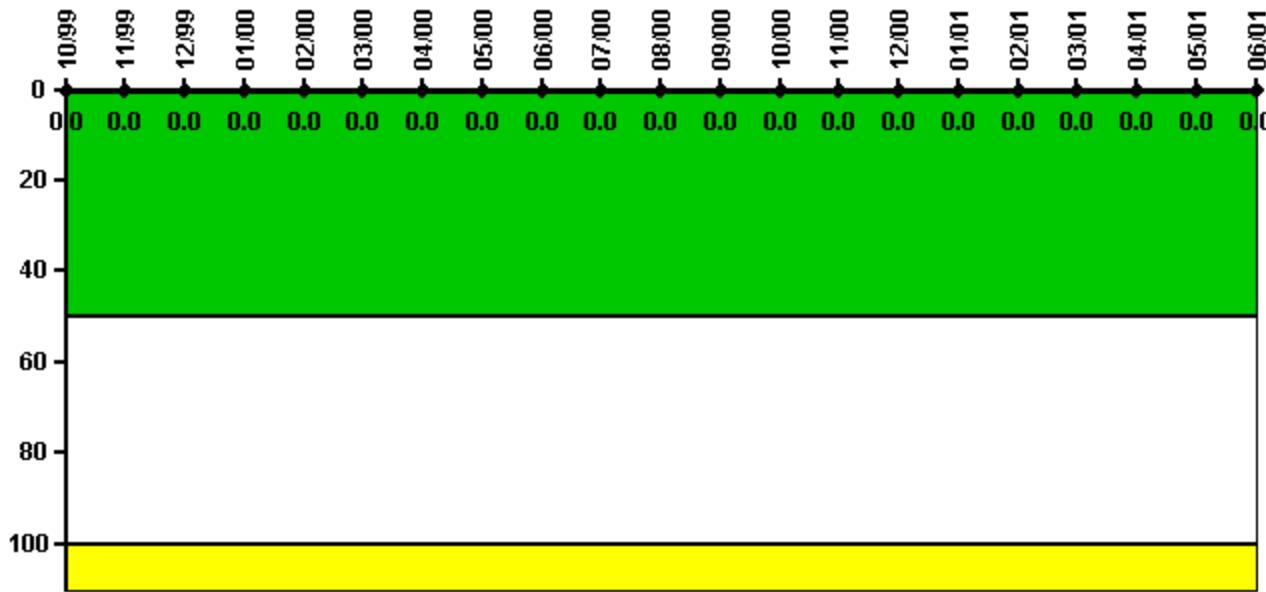
Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

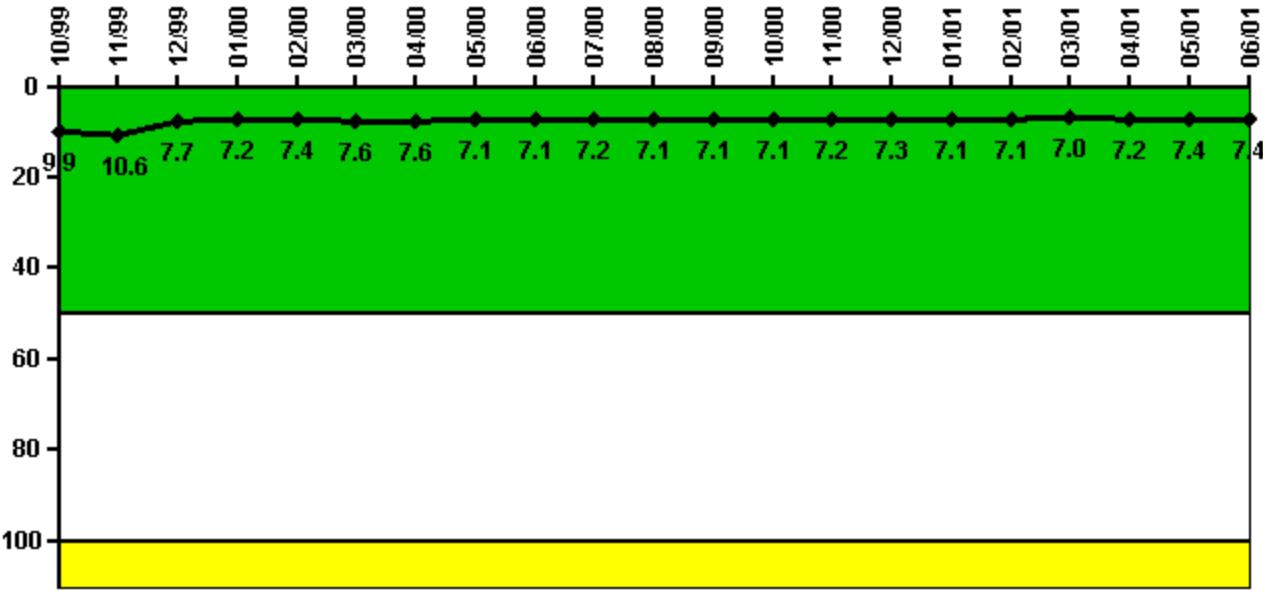
Notes

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	0.000024	0.000007	0.000030	0.000010	0.000002	0.000023	0.000008	0.000008	0.000053	0.000028	0.000011	0.000014
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum activity	0.000020	0.000009	0.000015	0.000007	0.000009	0.000015	0.000008	0.000026	0.000018
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



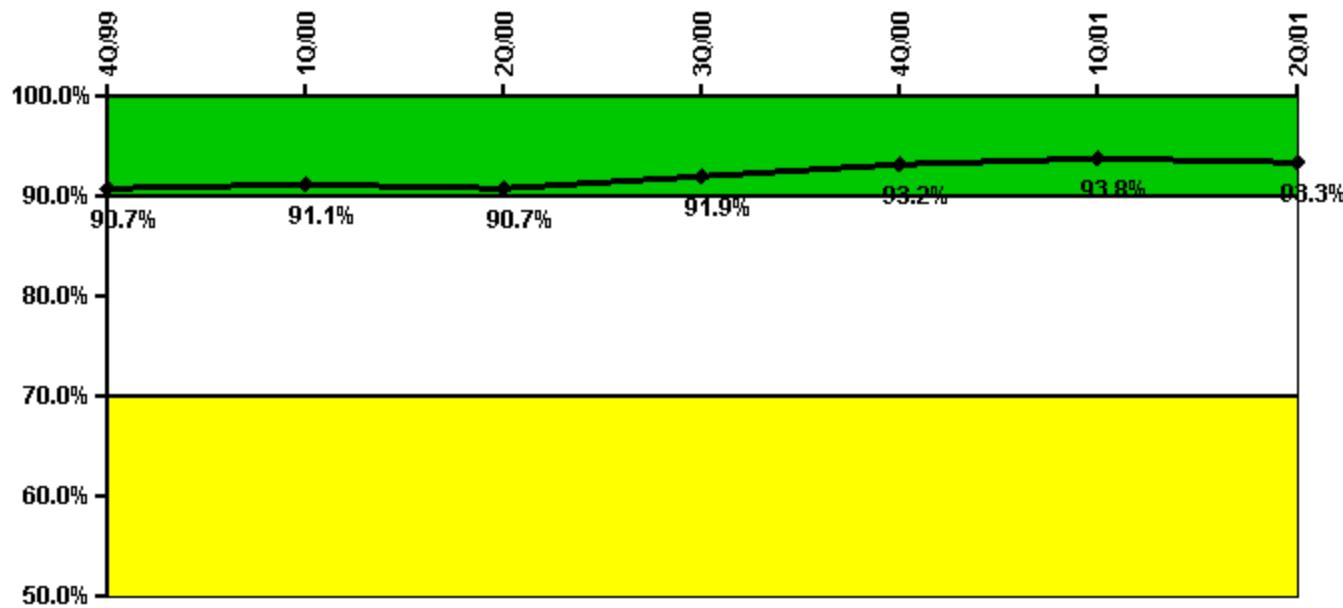
Thresholds: White > 50.0 Yellow > 100.0

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	2.480	2.655	1.930	1.802	1.850	1.905	1.905	1.767	1.770	1.810	1.778	1.775
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	9.9	10.6	7.7	7.2	7.4	7.6	7.6	7.1	7.1	7.2	7.1	7.1

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum leakage	1.770	1.800	1.818	1.775	1.768	1.743	1.803	1.850	1.843
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	7.1	7.2	7.3	7.1	7.1	7.0	7.2	7.4	7.4

Licensee Comments: none

Drill/Exercise Performance

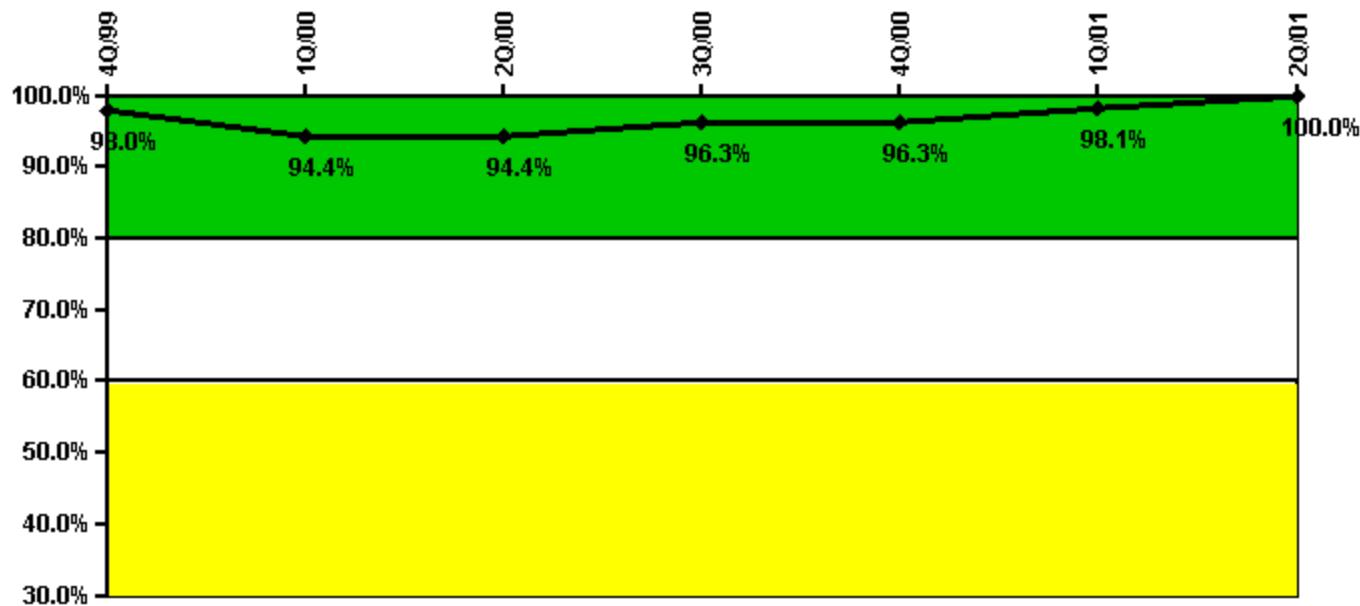
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Successful opportunities	52.0	6.0	14.0	85.0	61.0	33.0	12.0
Total opportunities	58.0	6.0	16.0	90.0	62.0	34.0	14.0
Indicator value	90.7%	91.1%	90.7%	91.9%	93.2%	93.8%	93.3%

Licensee Comments: none

ERO Drill Participation



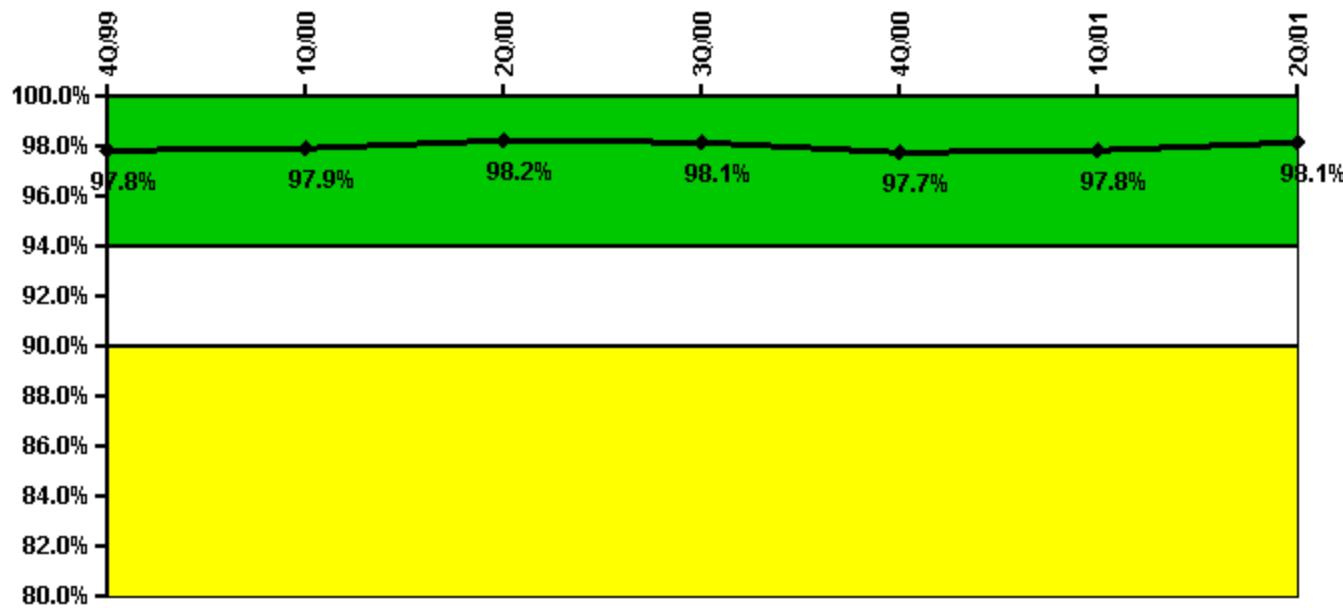
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Participating Key personnel	49.0	51.0	51.0	52.0	52.0	52.0	52.0
Total Key personnel	50.0	54.0	54.0	54.0	54.0	53.0	52.0
Indicator value	98.0%	94.4%	94.4%	96.3%	96.3%	98.1%	100.0%

Licensee Comments: none

Alert & Notification System

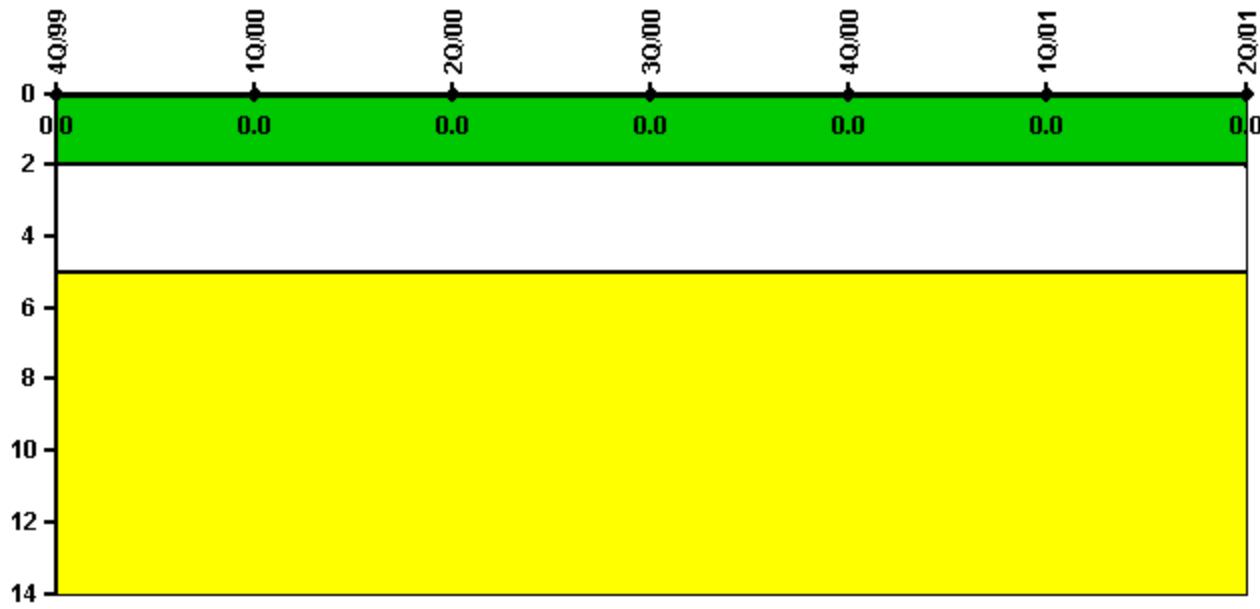


Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Successful siren-tests	4949	4960	4903	4864	4877	4979	4971
Total sirens-tests	4977	5056	5056	4977	4977	5056	5056
Indicator value	97.8%	97.9%	98.2%	98.1%	97.7%	97.8%	98.1%

Licensee Comments: none

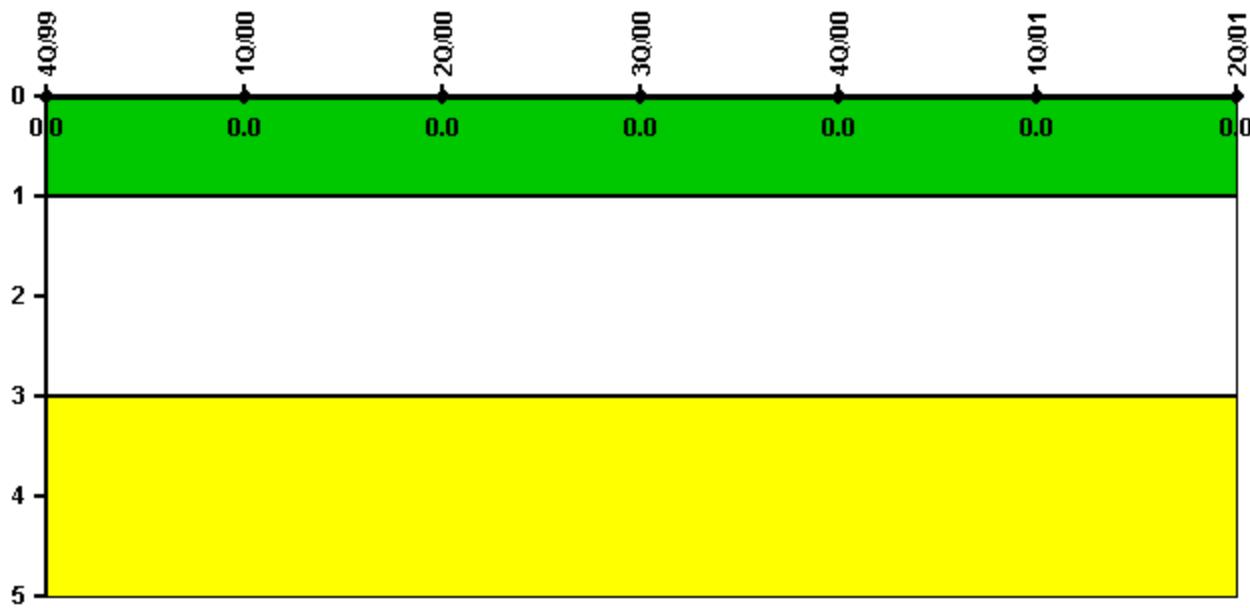
Occupational Exposure Control Effectiveness

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

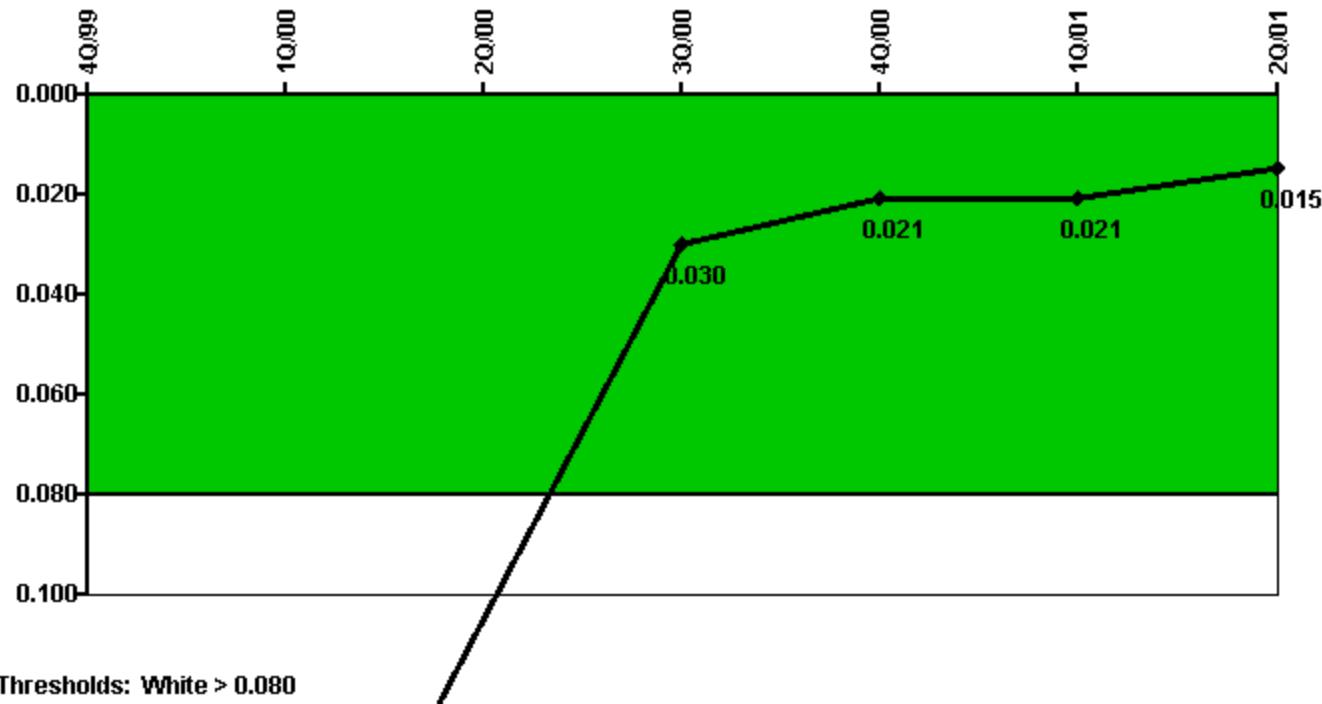
Thresholds: White > 1.0 Yellow > 3.0

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

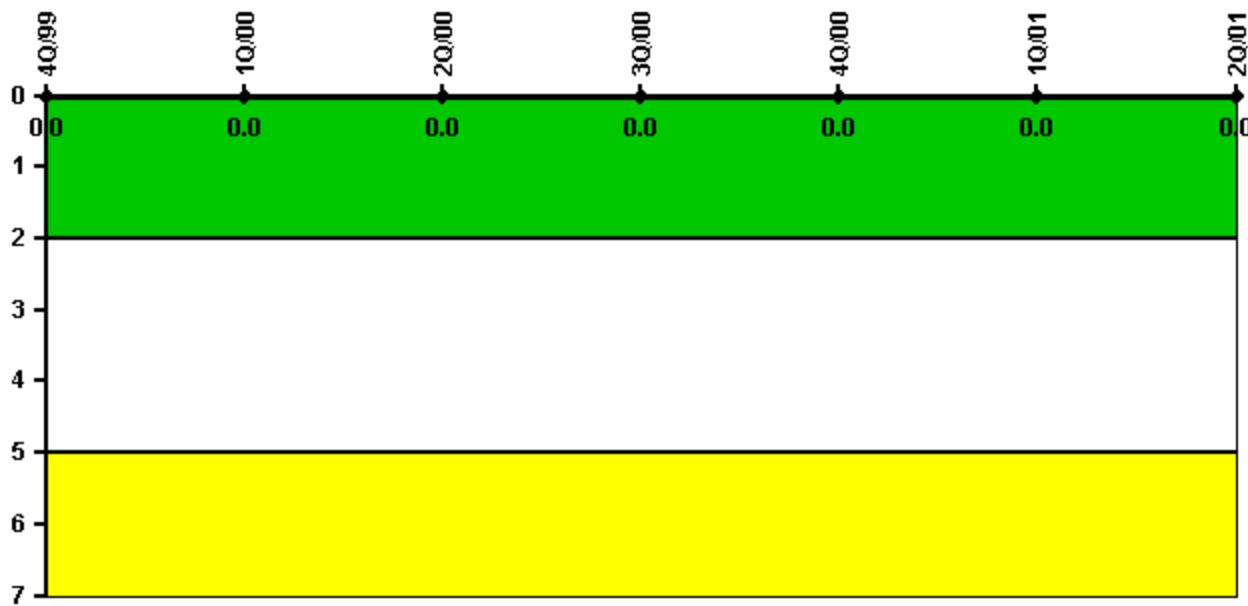


Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
IDS compensatory hours	258.80	14.80	178.10	20.18	2.17	0	127.63
CCTV compensatory hours	0	0	93.3	72.7	32.3	19.0	31.9
IDS normalization factor	1.30	1.30	1.30	1.30	1.30	1.30	1.30
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.179	0.139	0.105	0.030	0.021	0.021	0.015

Licensee Comments: none

Personnel Screening Program

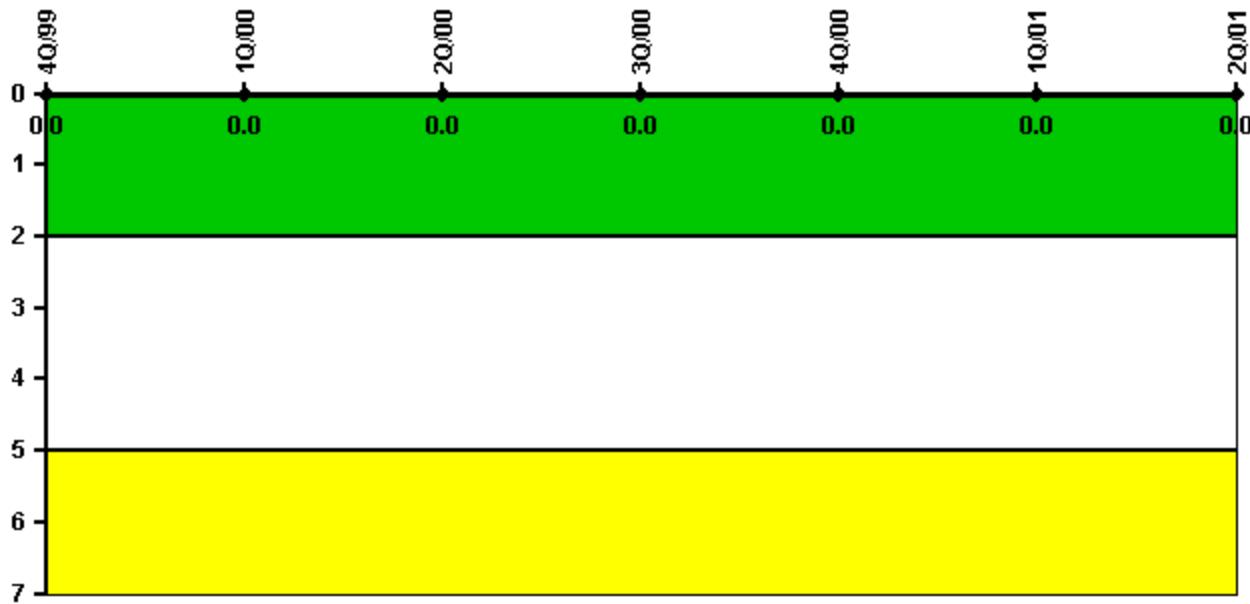


Thresholds: White > 2.0 Yellow > 5.0

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

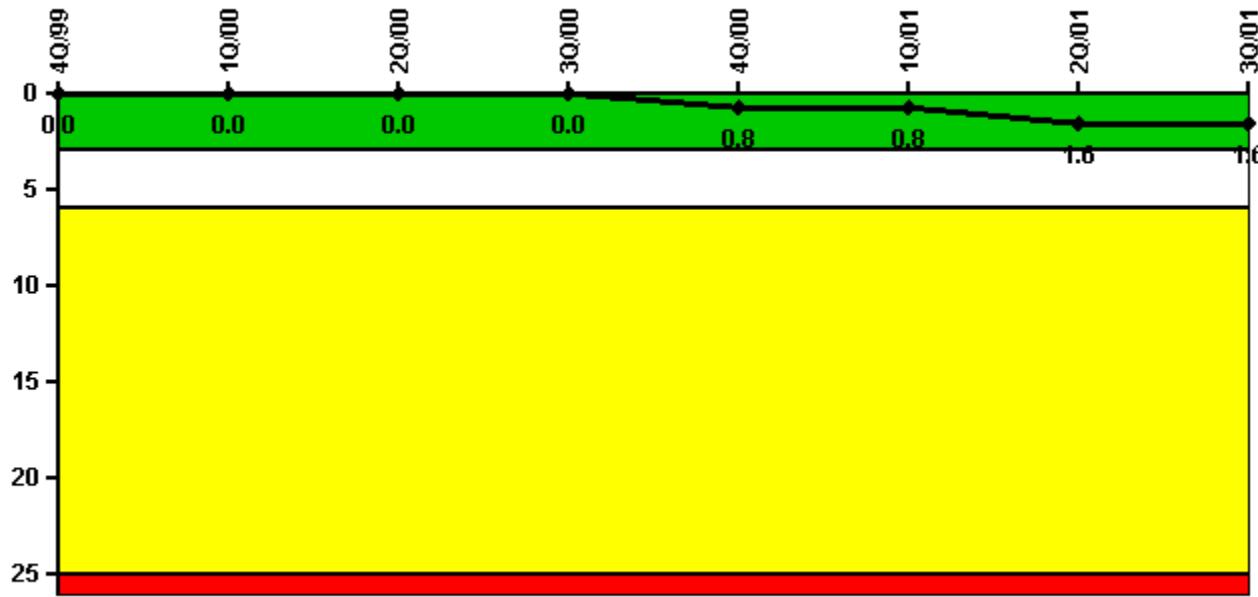


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Last Modified: March 27, 2002

Dresden 2**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	0	0	0	0	1.0	0	1.0	0
Critical hours	1617.7	2184.0	2183.0	2208.0	2183.9	2160.0	2120.7	2042.0
Indicator value	0	0	0	0	0.8	0.8	1.6	1.6

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

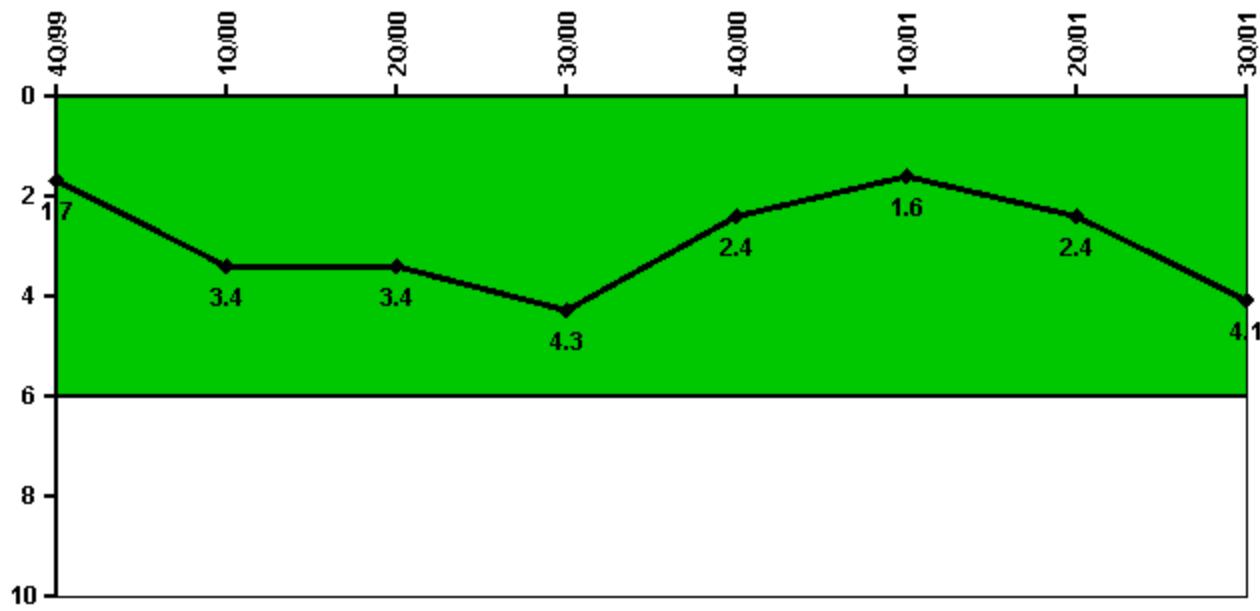
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

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



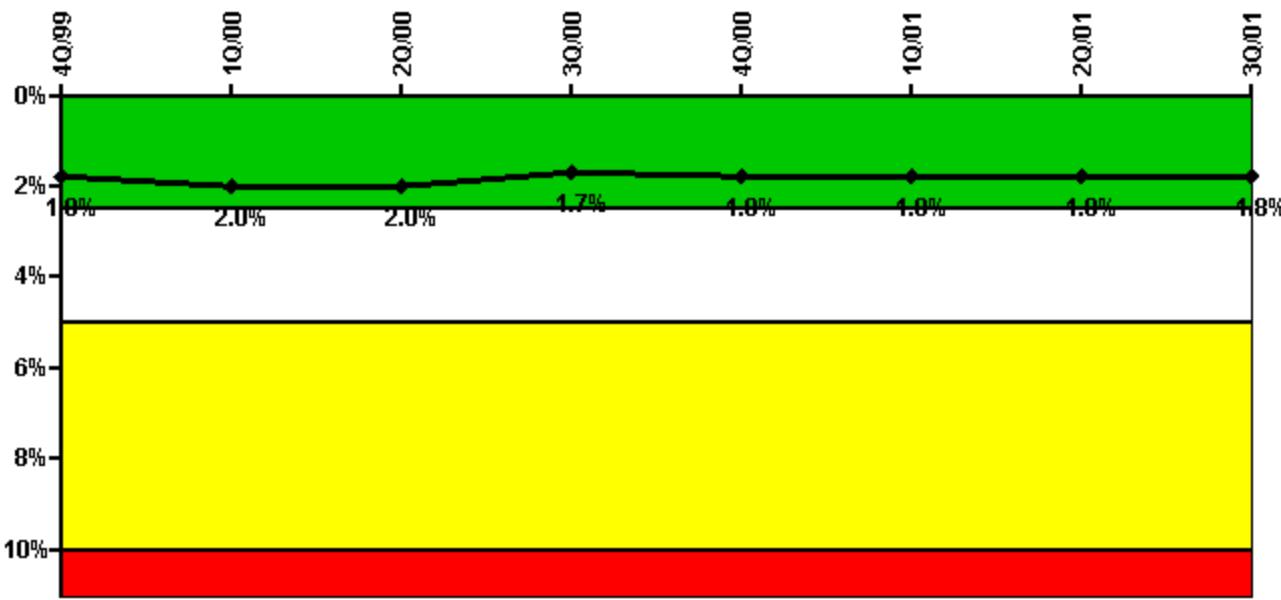
Thresholds: White > 6.0

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	2.0	2.0	0	1.0	0	1.0	1.0	3.0
Critical hours	1617.7	2184.0	2183.0	2208.0	2183.9	2160.0	2120.7	2042.0
Indicator value	1.7	3.4	3.4	4.3	2.4	1.6	2.4	4.1

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



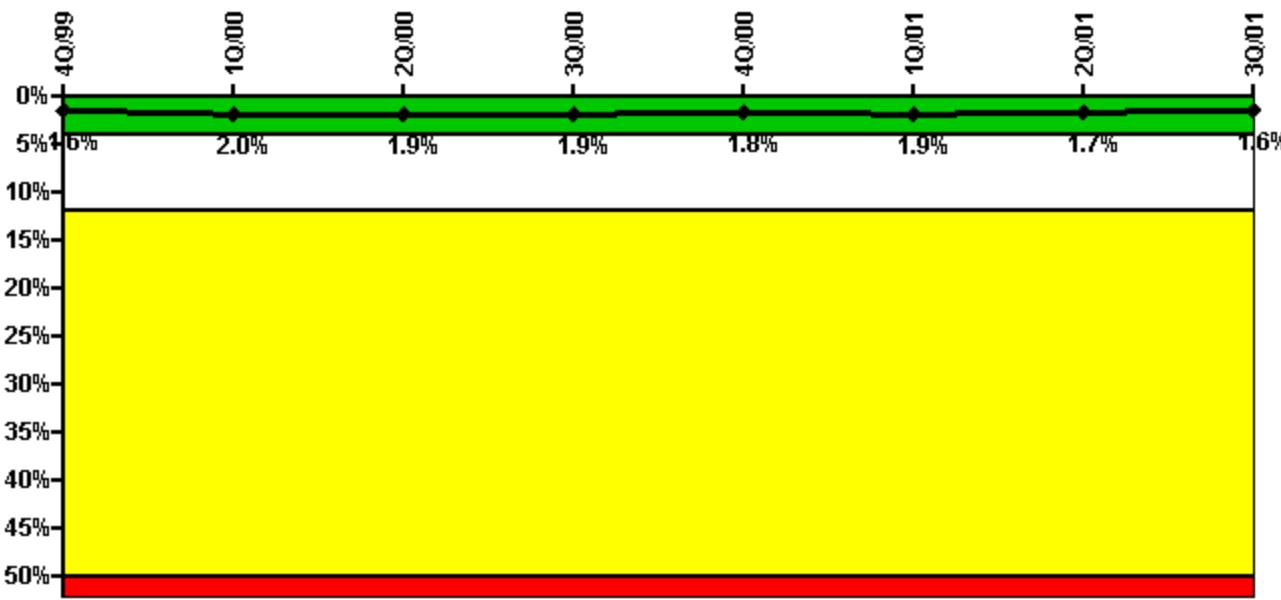
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

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	6.25	9.31	9.34	13.55	36.08	88.90	10.98	13.25
Unplanned unavailable hours	0	0	43.00	0	0	26.90	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	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	6.25	78.41	7.53	16.47	22.37	35.27	71.38	21.17
Unplanned unavailable hours	0	0	12.75	0	0	0	2.80	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	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	1.8%	2.0%	2.0%	1.7%	1.8%	1.8%	1.8%	1.8%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)



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

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1								
Planned unavailable hours	0.95	159.22	2.66	0.37	24.45	45.25	17.50	6.97
Unplanned unavailable hours	0	0	0	0	0.28	0.38	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	1617.68	2184.00	2183.00	2208.00	2183.93	2160.00	2120.65	2041.98
Indicator value	1.6%	2.0%	1.9%	1.9%	1.8%	1.9%	1.7%	1.6%

Licensee Comments: none

Safety System Unavailability, Heat Removal System

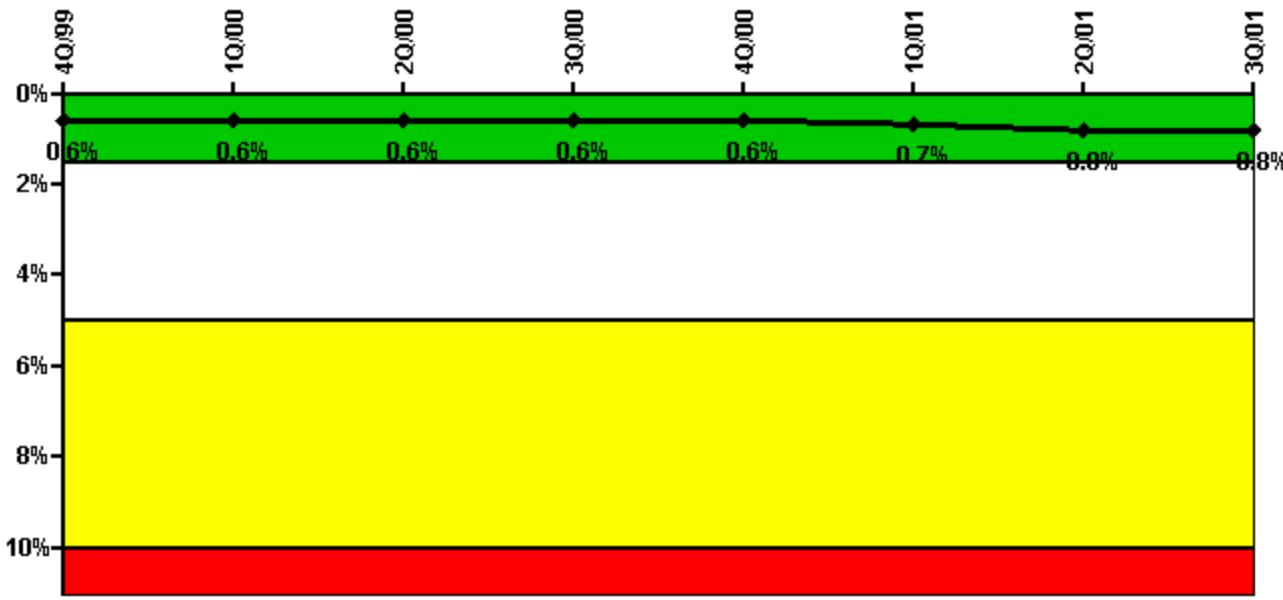
Thresholds under development / review

Notes

Safety System Unavailability, Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1								
Planned unavailable hours	7.03	56.33						
Unplanned unavailable hours	0	6.23						
Fault exposure hours	0	0						
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1617.68	2184.00						
Indicator value	1.0%	1.0%						

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



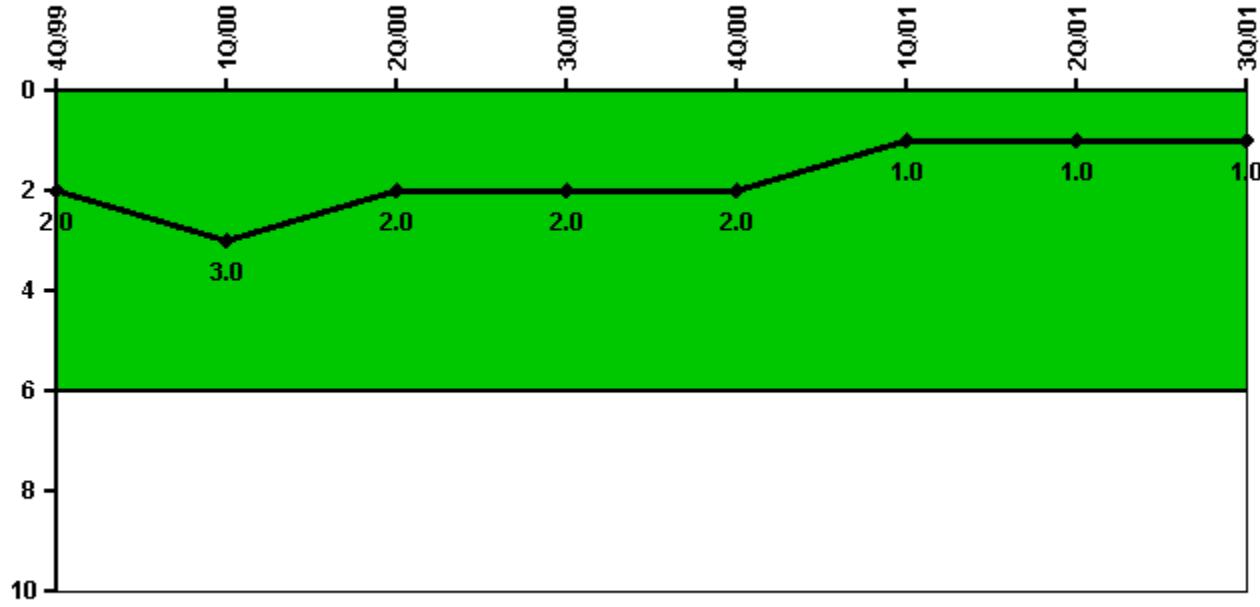
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

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		62.08	2.76	0.18	0.08	7.32	47.20	40.03	19.38
Unplanned unavailable hours		0	0	0	0	0	0	0	12.82
Fault exposure hours		0	0	0	0	0	0	0	0
Effective Reset hours		0	0	0	0	0	0	0	0
Required hours		2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2									
Planned unavailable hours		0.05	2.32	0.18	40.55	14.07	65.78	0	9.30
Unplanned unavailable hours		0	0	0	0	18.87	0	0	0
Fault exposure hours		0	0	0	0	0	0	0	0
Effective Reset hours		0	0	0	0	0	0	0	0
Required hours		2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 3									
Planned unavailable hours		0	0	0.63	0	0.58	0	0	0
Unplanned unavailable hours		6.40	0	0	0	0	0	0	1.20
Fault exposure hours		0	0	0	0	0	0	0	0
Effective Reset hours		0	0	0	0	0	0	0	0
Required hours		2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 4									
Planned unavailable hours		0	0	0.63	0	0.58	0	0	0
Unplanned unavailable hours		6.40	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		2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value		0.6%	0.6%	0.6%	0.6%	0.6%	0.7%	0.8%	0.8%

Licensee Comments: none

Safety System Functional Failures (BWR)



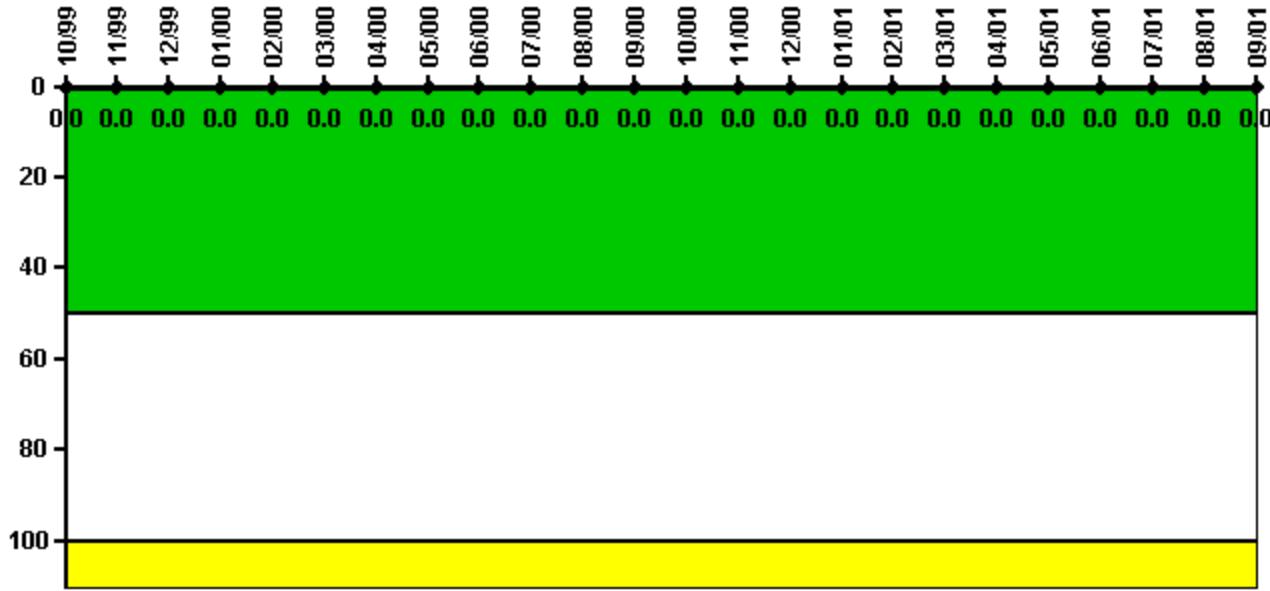
Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

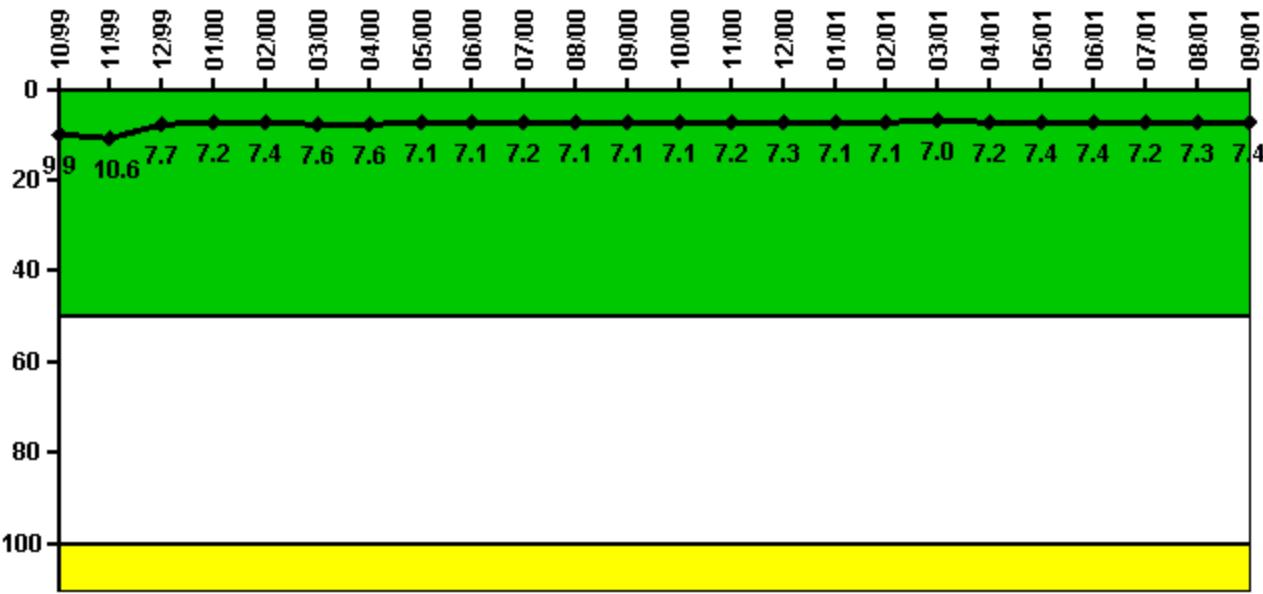
Notes

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	0.000024	0.000007	0.000030	0.000010	0.000002	0.000023	0.000008	0.000008	0.000053	0.000028	0.000011	0.000014
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

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	0.000020	0.000009	0.000015	0.000007	0.000009	0.000015	0.000008	0.000026	0.000018	0.000010	0.000015	0.000015
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



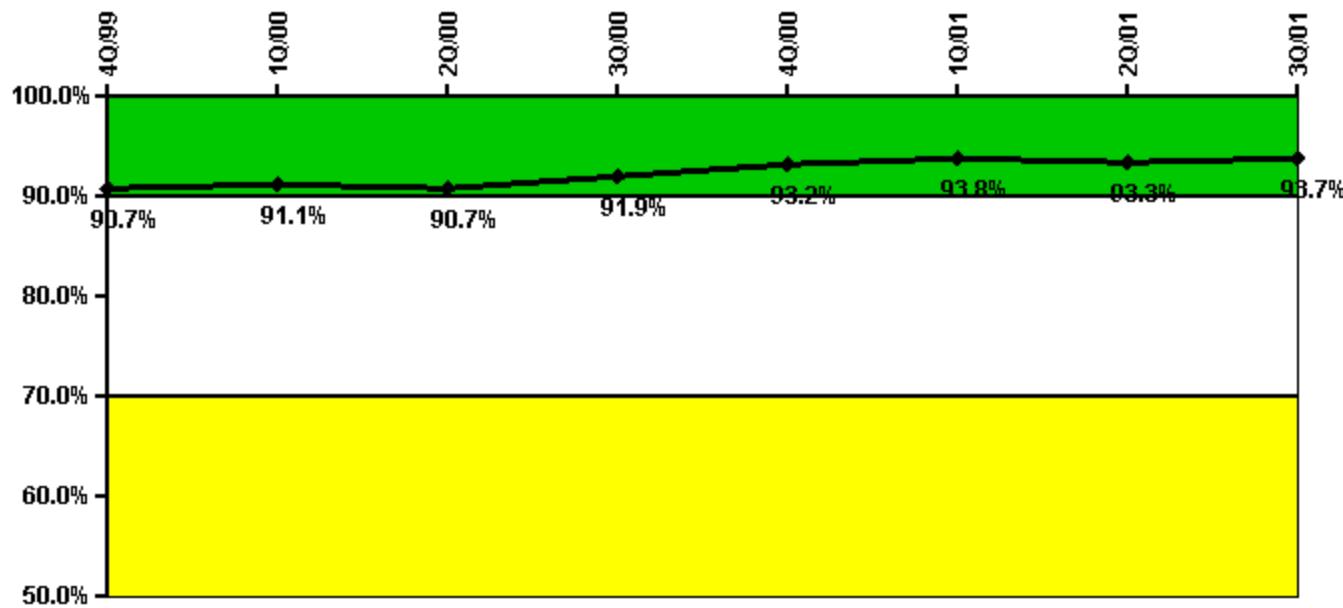
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum leakage	2.480	2.655	1.930	1.802	1.850	1.905	1.905	1.767	1.770	1.810	1.778	1.775
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	9.9	10.6	7.7	7.2	7.4	7.6	7.6	7.1	7.1	7.2	7.1	7.1

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	1.770	1.800	1.818	1.775	1.768	1.743	1.803	1.850	1.843	1.803	1.822	1.840
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	7.1	7.2	7.3	7.1	7.1	7.0	7.2	7.4	7.4	7.2	7.3	7.4

Licensee Comments: none

Drill/Exercise Performance

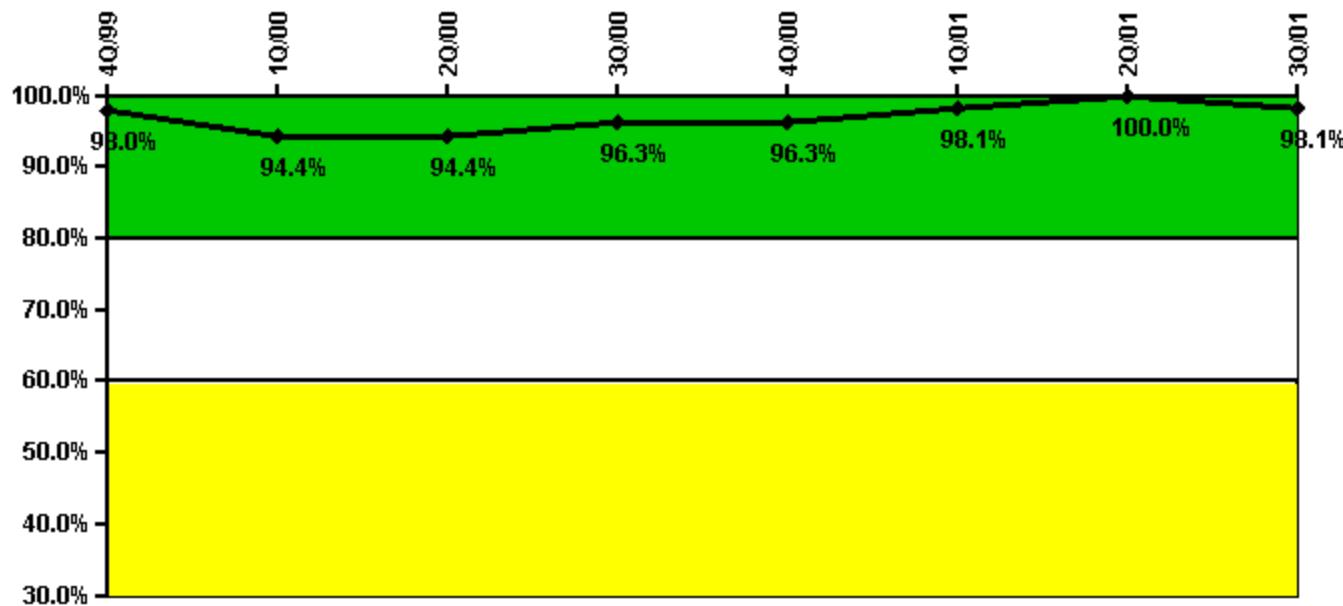
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Successful opportunities	52.0	6.0	14.0	85.0	61.0	33.0	12.0	5.0
Total opportunities	58.0	6.0	16.0	90.0	62.0	34.0	14.0	6.0
Indicator value	90.7%	91.1%	90.7%	91.9%	93.2%	93.8%	93.3%	93.7%

Licensee Comments: none

ERO Drill Participation



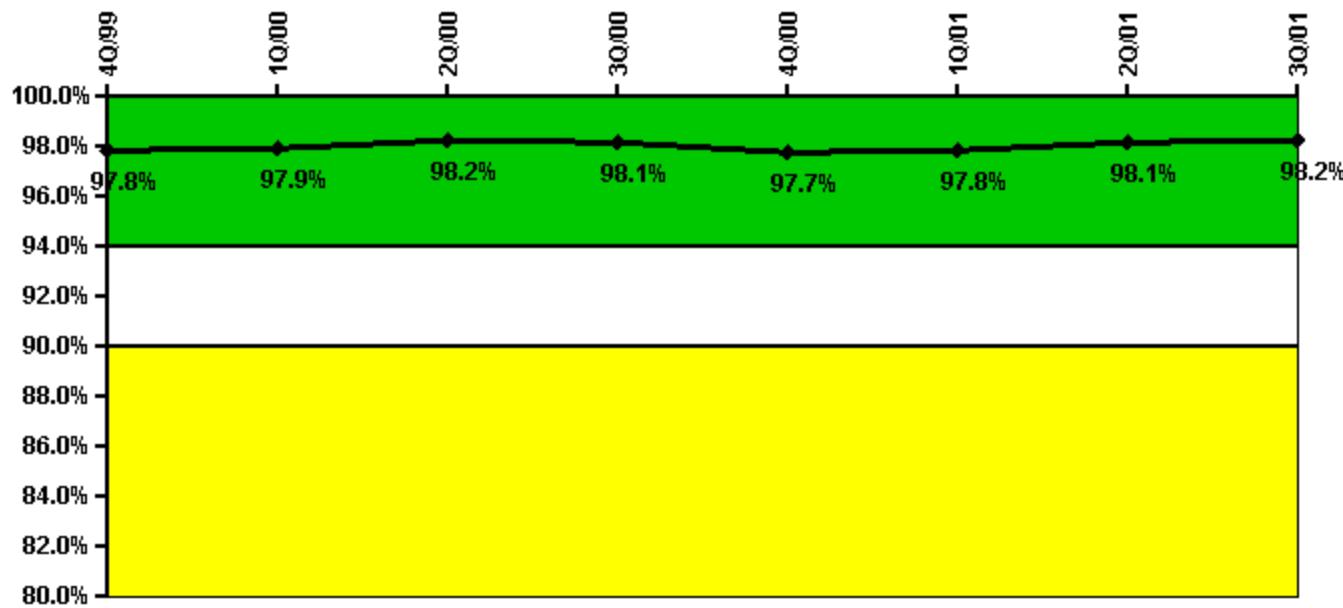
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Participating Key personnel	49.0	51.0	51.0	52.0	52.0	52.0	52.0	51.0
Total Key personnel	50.0	54.0	54.0	54.0	54.0	53.0	52.0	52.0
Indicator value	98.0%	94.4%	94.4%	96.3%	96.3%	98.1%	100.0%	98.1%

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	4949	4960	4903	4864	4877	4979	4971	4887
Total sirens-tests	4977	5056	5056	4977	4977	5056	5056	4977
Indicator value	97.8%	97.9%	98.2%	98.1%	97.7%	97.8%	98.1%	98.2%

Licensee Comments: none

Occupational Exposure Control Effectiveness



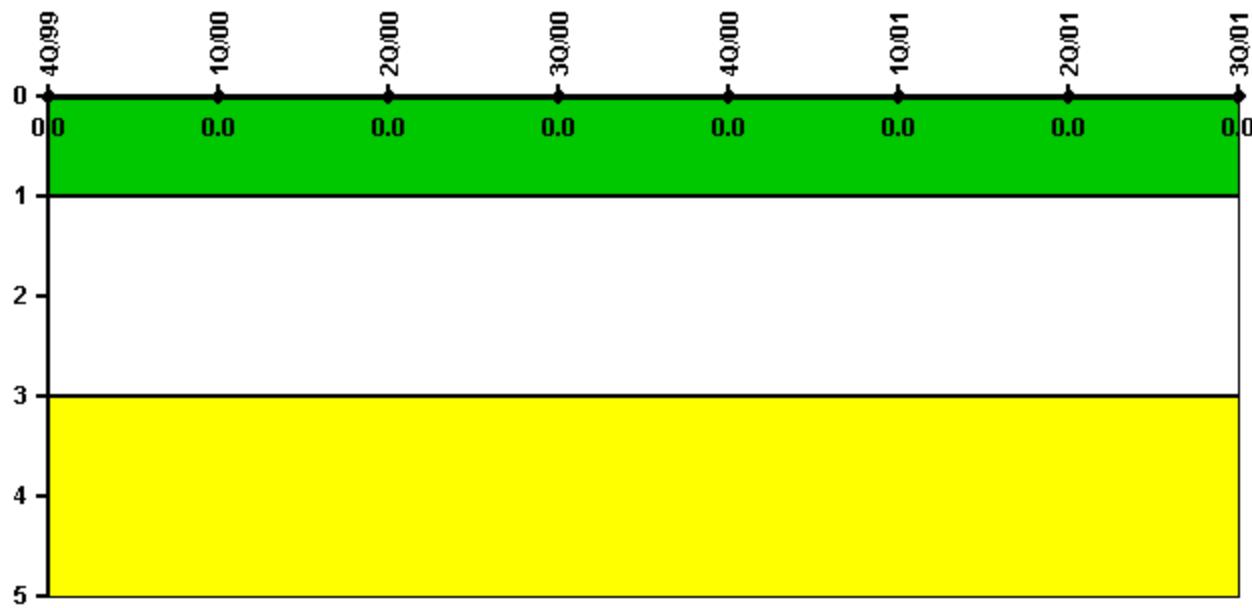
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/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	1						

Licensee Comments:

3Q/01: On September 25, 2001, a Locked High Rad Area Door to the Unit 2 High Pressure Heater Bay/X-Area was found open and unattended.

RETS/ODCM Radiological Effluent

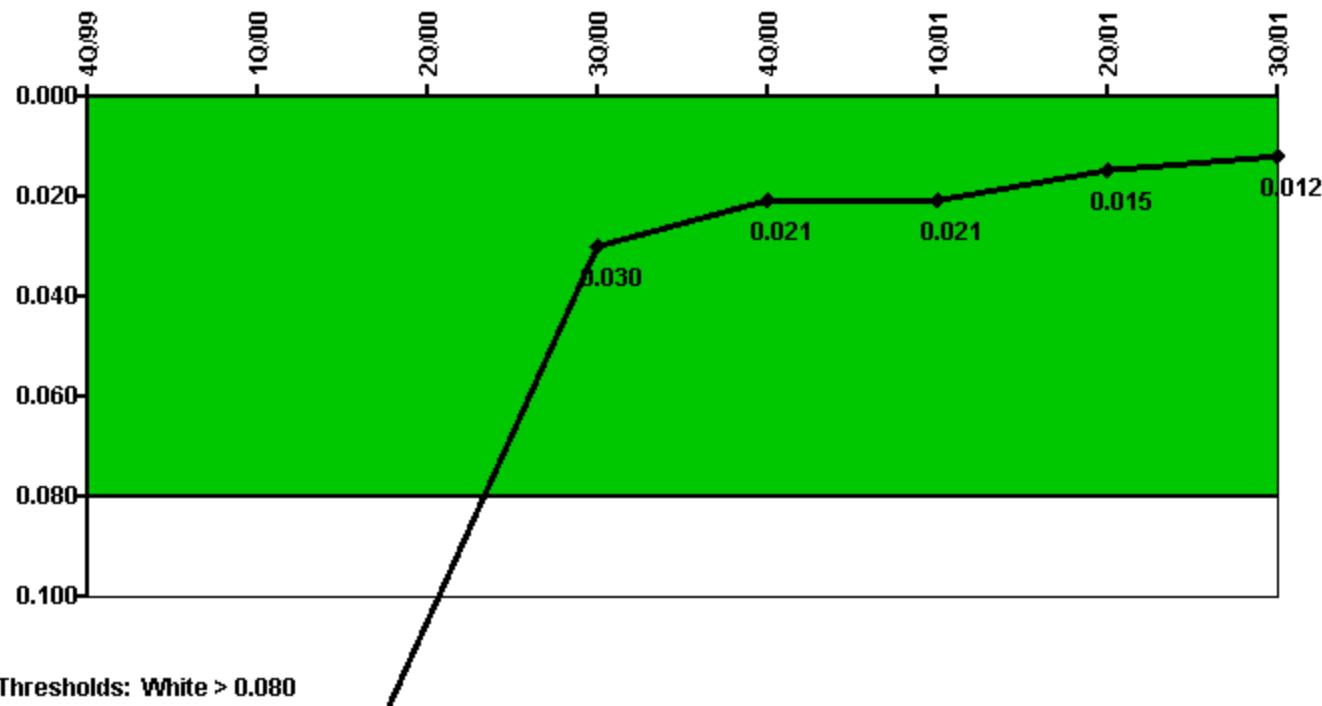
Thresholds: White > 1.0 Yellow > 3.0

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

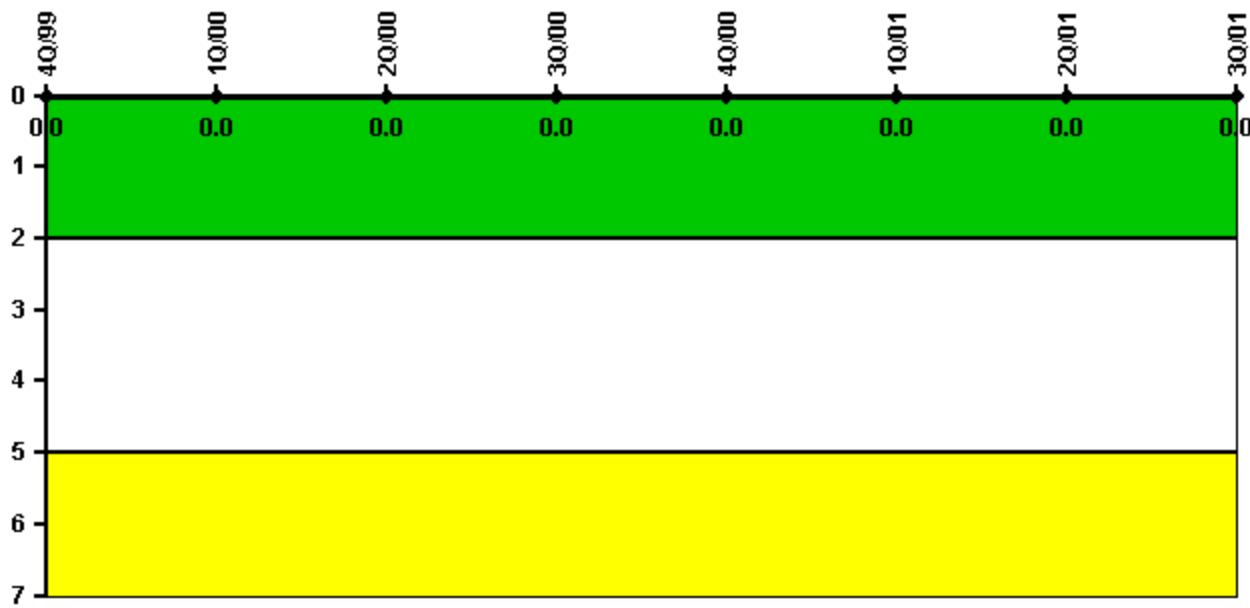


Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
IDS compensatory hours	258.80	14.80	178.10	20.18	2.17	0	127.63	39.79
CCTV compensatory hours	0	0	93.3	72.7	32.3	19.0	31.9	4.9
IDS normalization factor	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.179	0.139	0.105	0.030	0.021	0.021	0.015	0.012

Licensee Comments: none

Personnel Screening Program

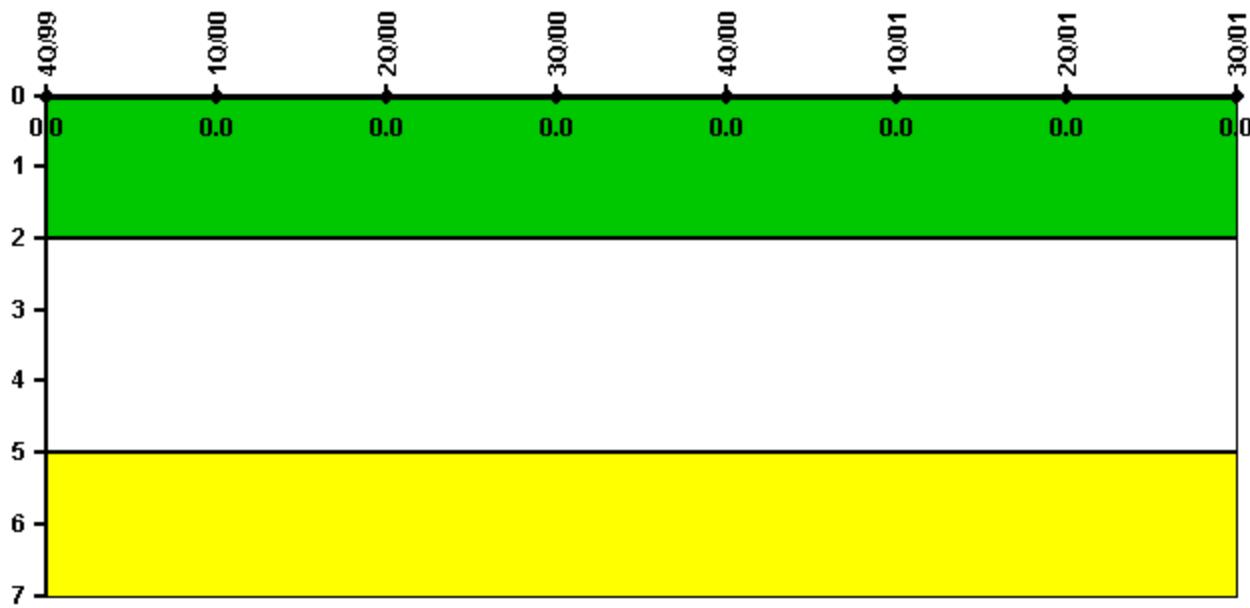


Thresholds: White > 2.0 Yellow > 5.0

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

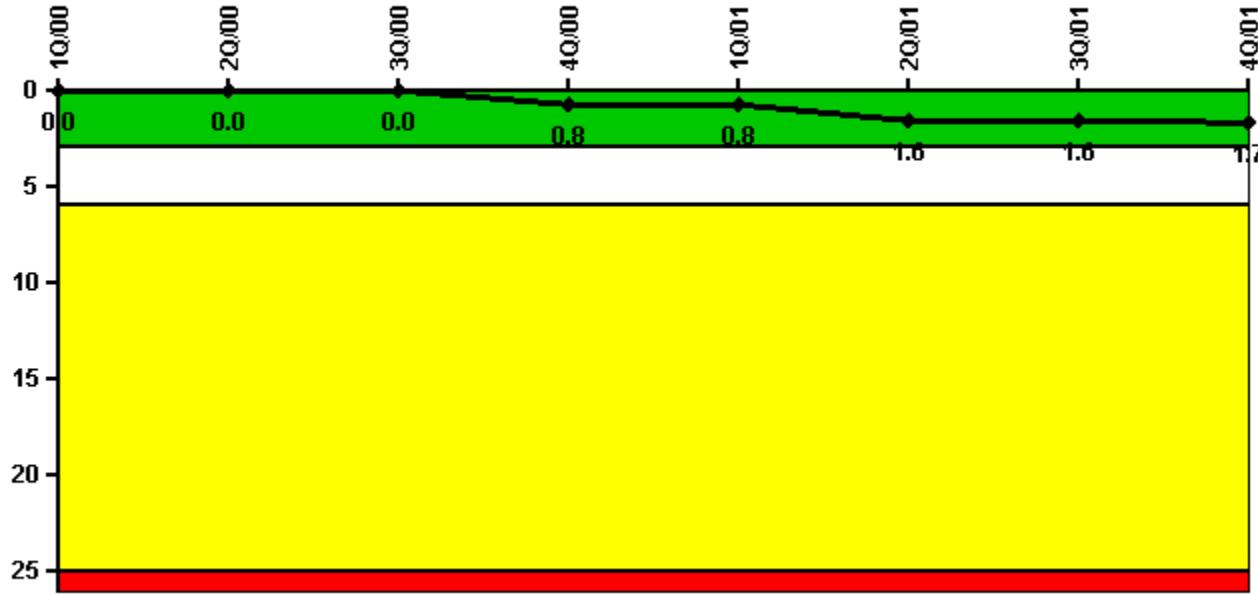


[PI Summary](#) | [Inspection Findings Summary](#) | [Action Matrix Summary](#) | [Reactor Oversight Process](#)

Last Modified: March 26, 2002

Dresden 2**4Q/2001 Performance Indicators**

Licensee's General Comments: none

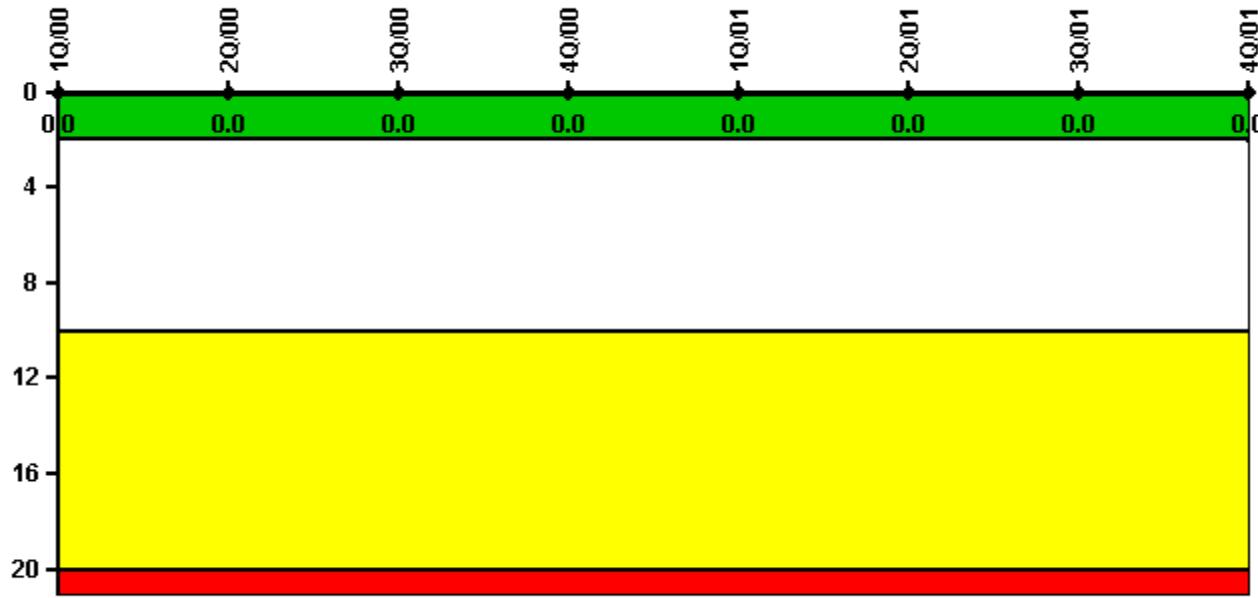
Unplanned Scrams per 7000 Critical Hrs

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	1.0	0	1.0	0	1.0
Critical hours	2184.0	2183.0	2208.0	2183.9	2160.0	2120.7	2042.0	1786.8
Indicator value	0	0	0	0.8	0.8	1.6	1.6	1.7

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

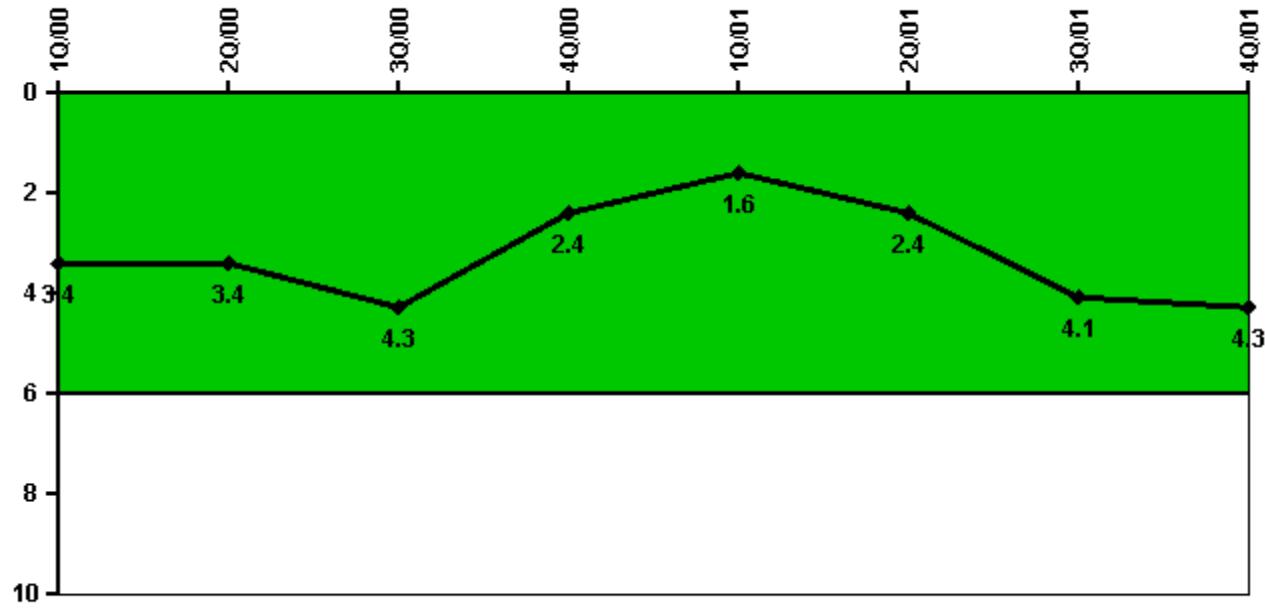
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	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



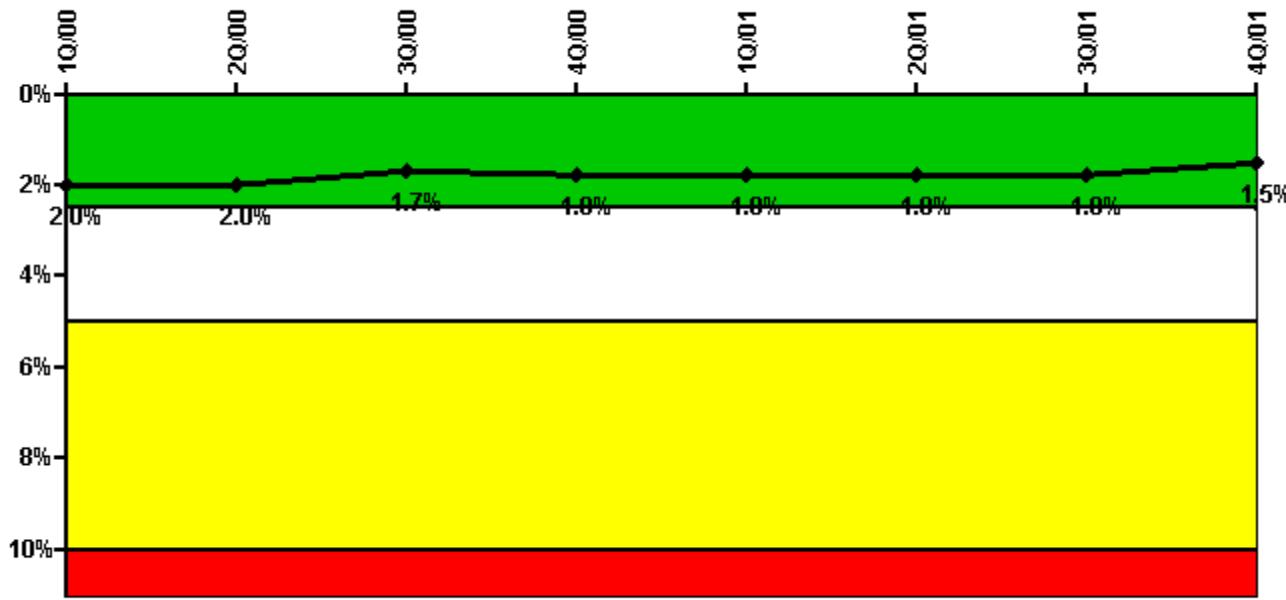
Thresholds: White > 6.0

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	2.0	0	1.0	0	1.0	1.0	3.0	0
Critical hours	2184.0	2183.0	2208.0	2183.9	2160.0	2120.7	2042.0	1786.8
Indicator value	3.4	3.4	4.3	2.4	1.6	2.4	4.1	4.3

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



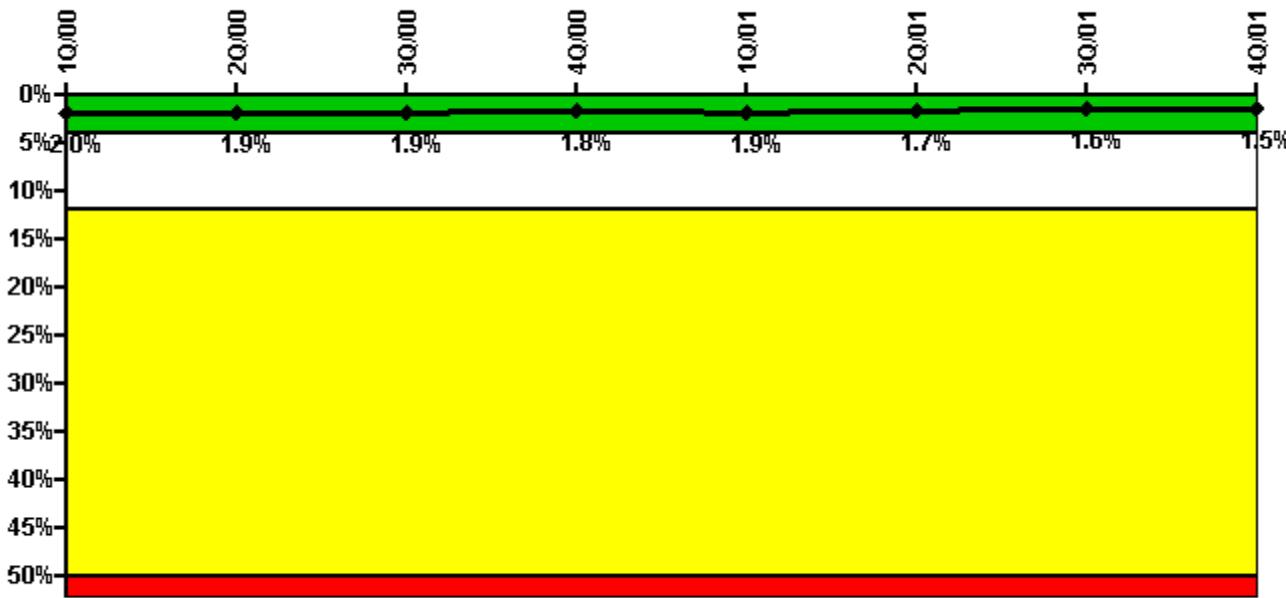
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

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	9.31	9.34	13.55	36.08	88.90	10.98	13.25	8.88
Unplanned unavailable hours	0	43.00	0	0	26.90	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	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	78.41	7.53	16.47	22.37	35.27	71.38	21.17	9.24
Unplanned unavailable hours	0	12.75	0	0	0	2.80	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	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Indicator value	2.0%	2.0%	1.7%	1.8%	1.8%	1.8%	1.8%	1.5%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)



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

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)								
Train 1	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Planned unavailable hours	159.22	2.66	0.37	24.45	45.25	17.50	6.97	0.48
Unplanned unavailable hours	0	0	0	0.28	0.38	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	2183.93	2160.00	2120.65	2041.98	1786.75
Indicator value	2.0%	1.9%	1.9%	1.8%	1.9%	1.7%	1.6%	1.5%

Licensee Comments: none

Safety System Unavailability, Heat Removal System

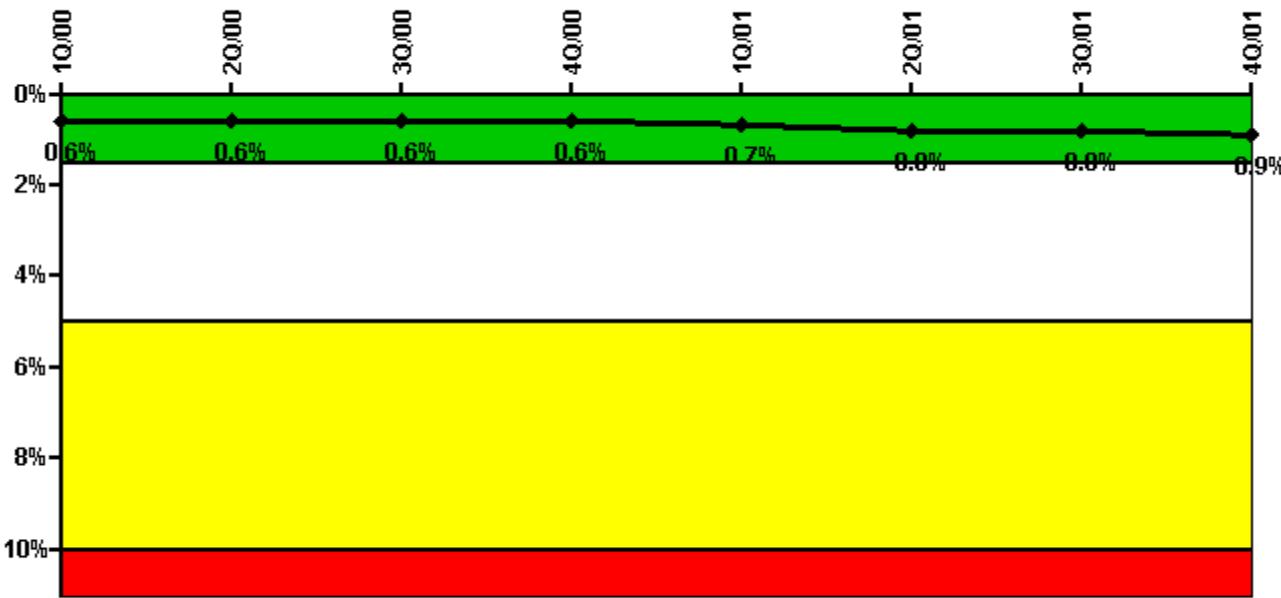
Thresholds under development / review

Notes

Safety System Unavailability, Heat Removal System	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	56.33							
Unplanned unavailable hours	6.23							
Fault exposure hours	0							
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00							
Indicator value	1.0%							

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

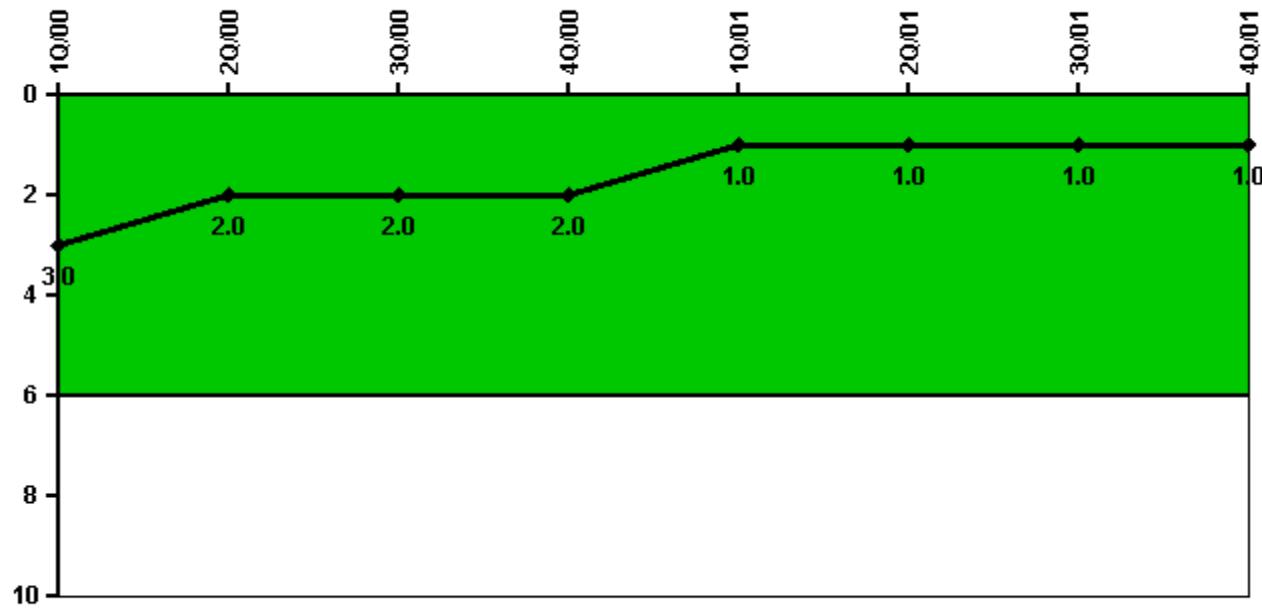


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

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		2.76	0.18	0.08	7.32	47.20	40.03	19.38	0
Unplanned unavailable hours		0	0	0	0	0	0	12.82	40.65
Fault exposure hours		0	0	0	0	0	0	0	0
Effective Reset hours		0	0	0	0	0	0	0	0
Required hours		2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2063.08
Train 2									
Planned unavailable hours		2.32	0.18	40.55	14.07	65.78	0	9.30	0
Unplanned unavailable hours		0	0	0	18.87	0	0	0	0
Fault exposure hours		0	0	0	0	0	0	0	0
Effective Reset hours		0	0	0	0	0	0	0	0
Required hours		2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2063.08
Train 3									
Planned unavailable hours		0	0.63	0	0.58	0	0	0	0
Unplanned unavailable hours		0	0	0	0	0	0	1.20	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		2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 4									
Planned unavailable hours		0	0.63	0	0.58	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		2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Indicator value		0.6%	0.6%	0.6%	0.6%	0.7%	0.8%	0.8%	0.9%

Licensee Comments: none

Safety System Functional Failures (BWR)

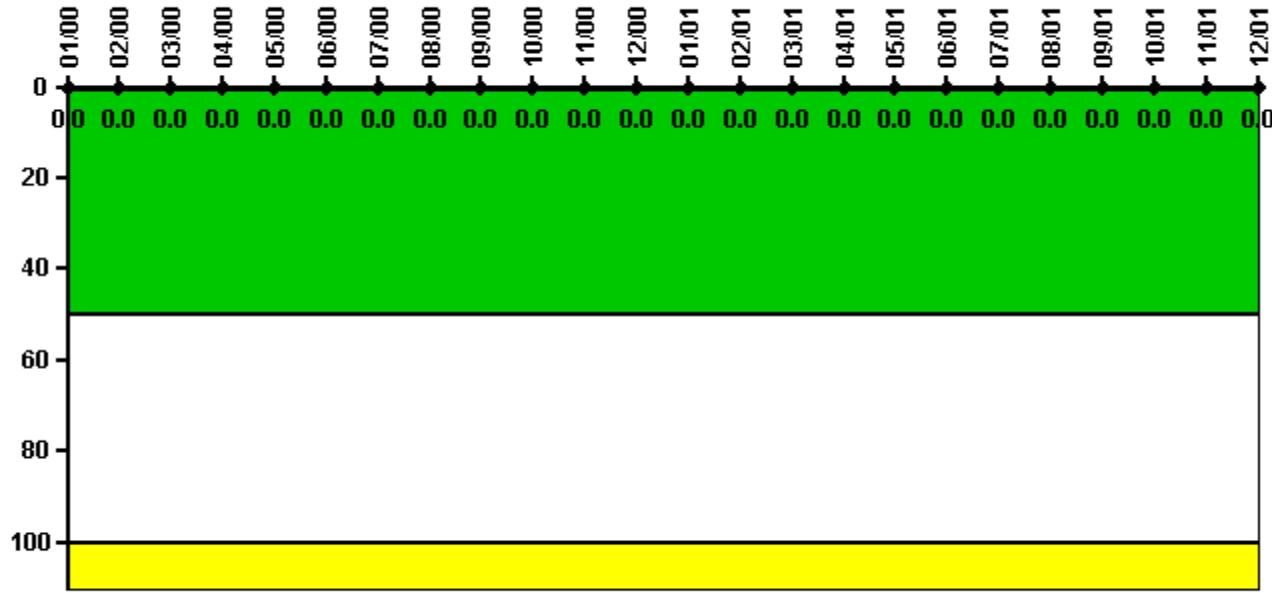
Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



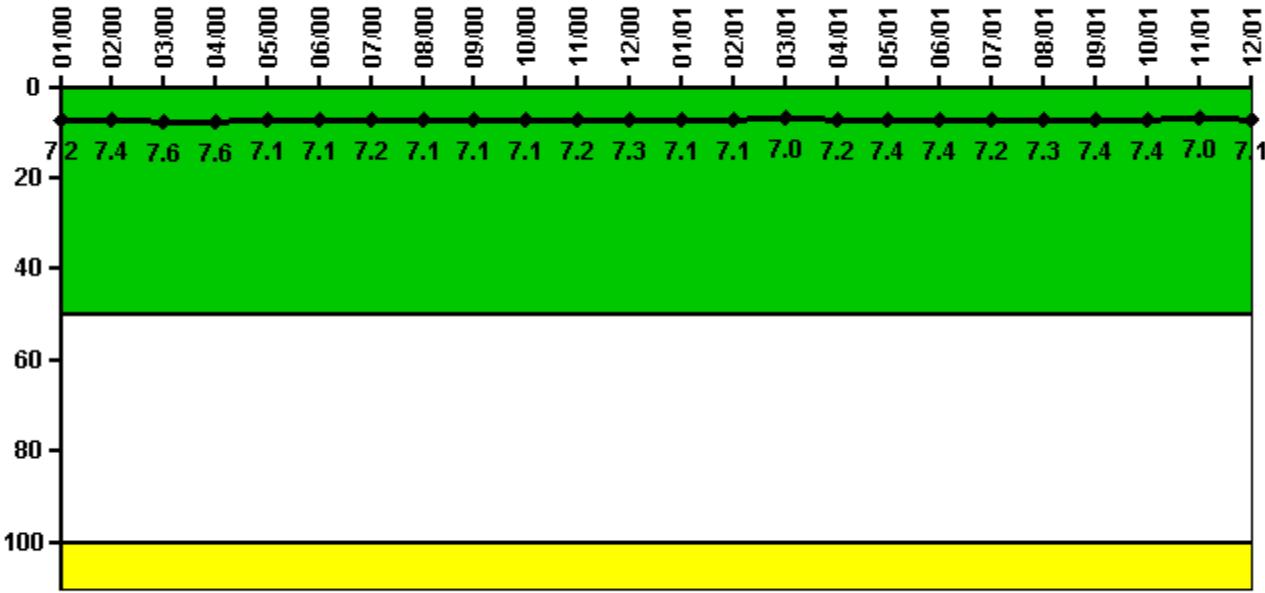
Thresholds: White > 50.0 Yellow > 100.0

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	12/01
Maximum activity	0.000010	0.000002	0.000023	0.000008	0.000008	0.000053	0.000028	0.000011	0.000014	0.000020	0.000009	0.000015
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
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	0.000007	0.000009	0.000015	0.000008	0.000026	0.000018	0.000010	0.000015	0.000015	0.000011	0.000011	0.000006
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

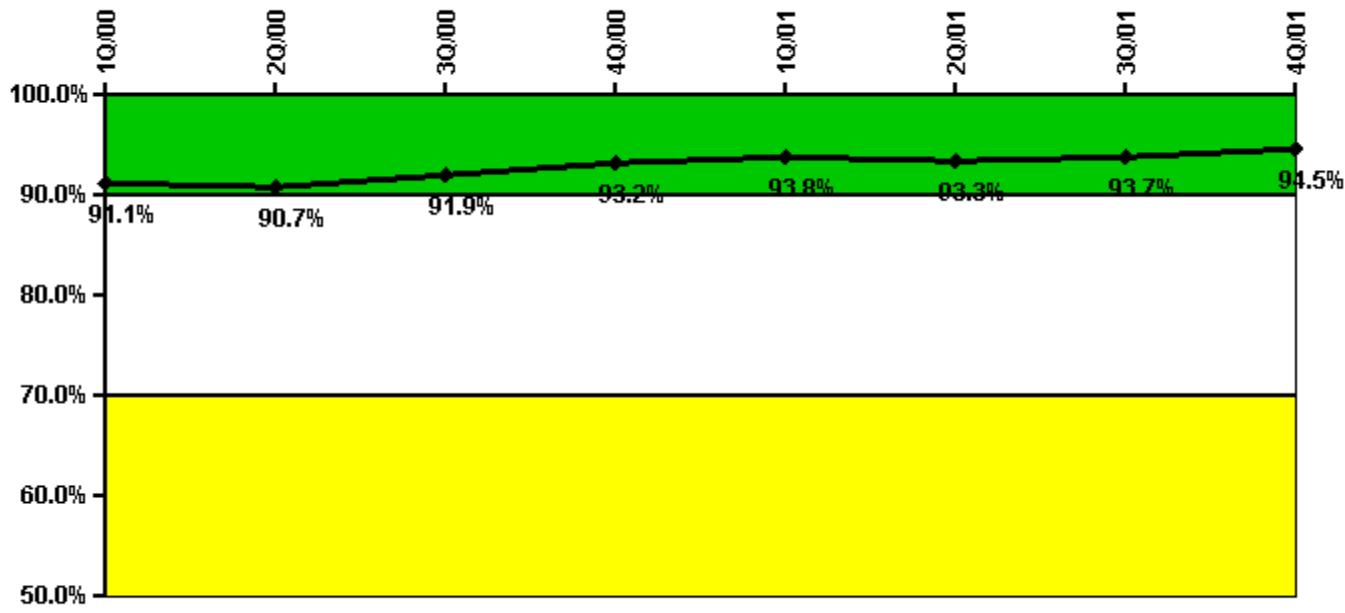
Notes

Reactor Coolant System Leakage	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00
Maximum leakage	1.802	1.850	1.905	1.905	1.767	1.770	1.810	1.778	1.775	1.770	1.800	1.818
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	7.2	7.4	7.6	7.6	7.1	7.1	7.2	7.1	7.1	7.1	7.2	7.3

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	1.775	1.768	1.743	1.803	1.850	1.843	1.803	1.822	1.840	1.840	1.757	1.767
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	7.1	7.1	7.0	7.2	7.4	7.4	7.2	7.3	7.4	7.4	7.0	7.1

Licensee Comments: none

Drill/Exercise Performance



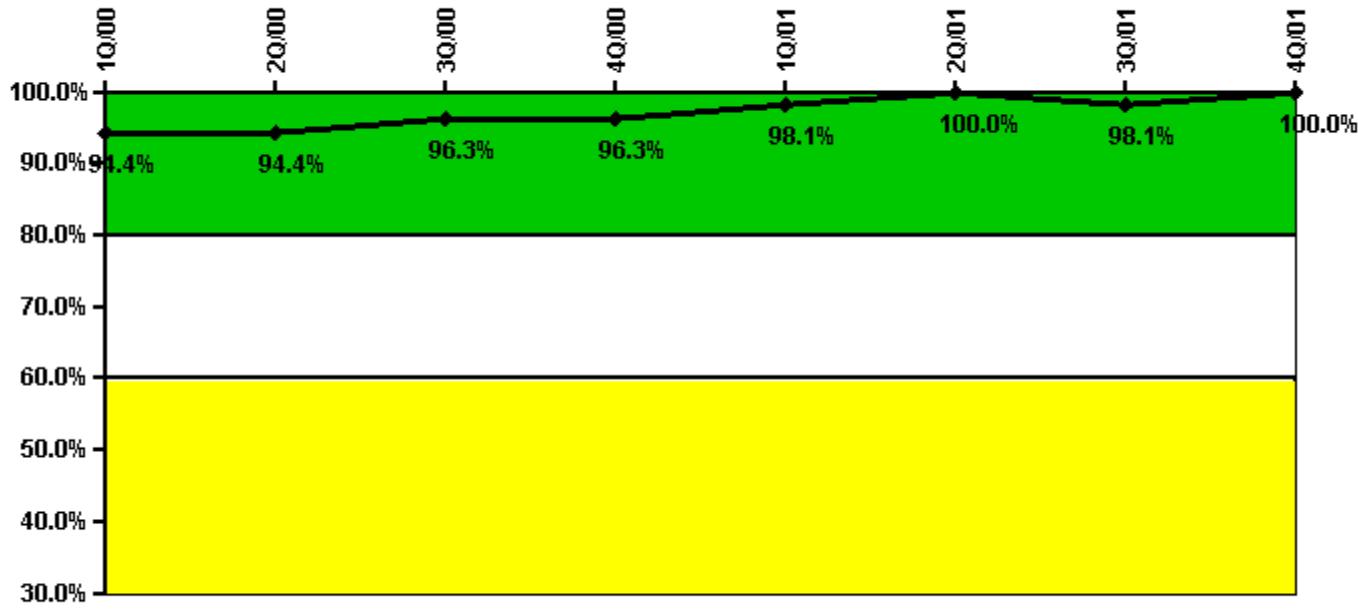
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Successful opportunities	6.0	14.0	85.0	61.0	33.0	12.0	5.0	43.0
Total opportunities	6.0	16.0	90.0	62.0	34.0	14.0	6.0	46.0
Indicator value	91.1%	90.7%	91.9%	93.2%	93.8%	93.3%	93.7%	94.5%

Licensee Comments: none

ERO Drill Participation



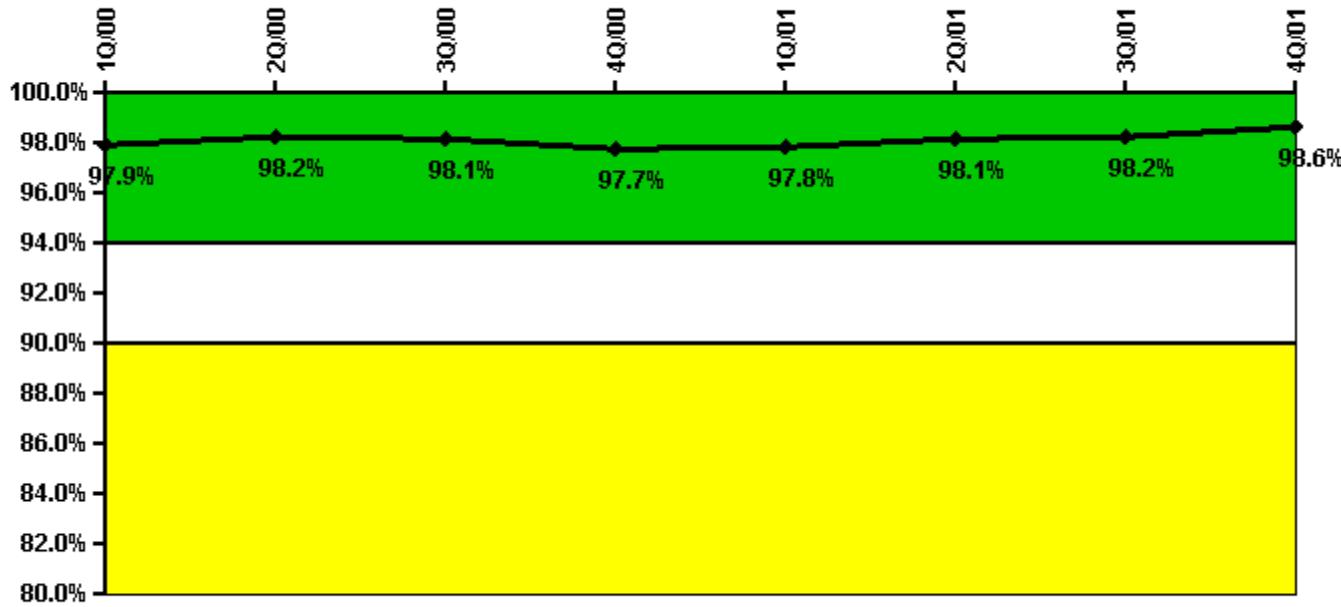
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Participating Key personnel	51.0	51.0	52.0	52.0	52.0	52.0	51.0	45.0
Total Key personnel	54.0	54.0	54.0	54.0	53.0	52.0	52.0	45.0
Indicator value	94.4%	94.4%	96.3%	96.3%	98.1%	100.0%	98.1%	100.0%

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Successful siren-tests	4960	4903	4864	4877	4979	4971	4887	4943
Total sirens-tests	5056	5056	4977	4977	5056	5056	4977	4977
Indicator value	97.9%	98.2%	98.1%	97.7%	97.8%	98.1%	98.2%	98.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness

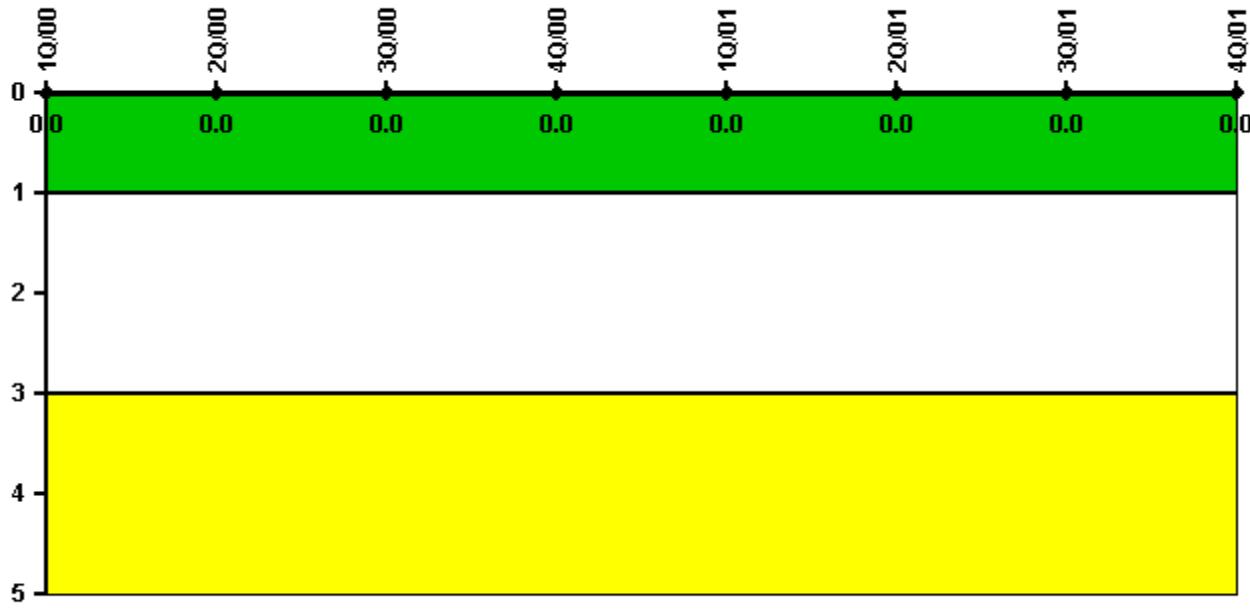


Thresholds: White > 2.0 Yellow > 5.0

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	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

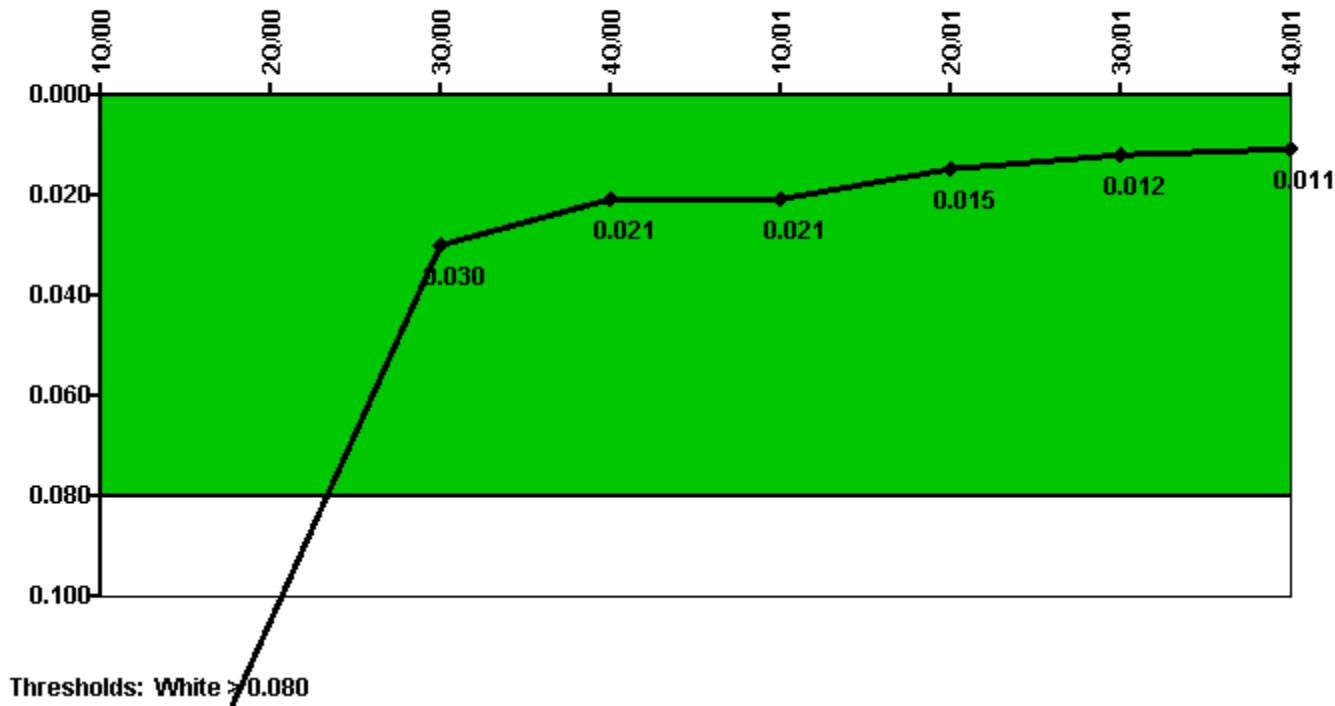
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	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

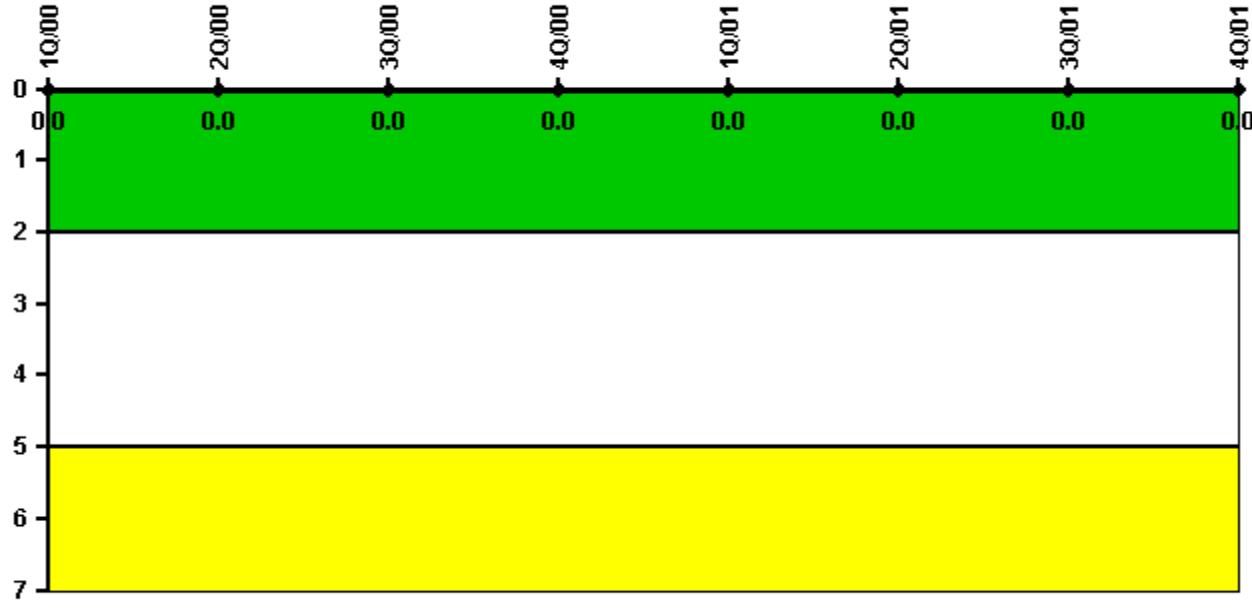


Thresholds: White > 0.080

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	14.80	178.10	20.18	2.17	0	127.63	39.79	1.13
CCTV compensatory hours	0	93.3	72.7	32.3	19.0	31.9	4.9	14.3
IDS normalization factor	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.139	0.105	0.030	0.021	0.021	0.015	0.012	0.011

Licensee Comments: none

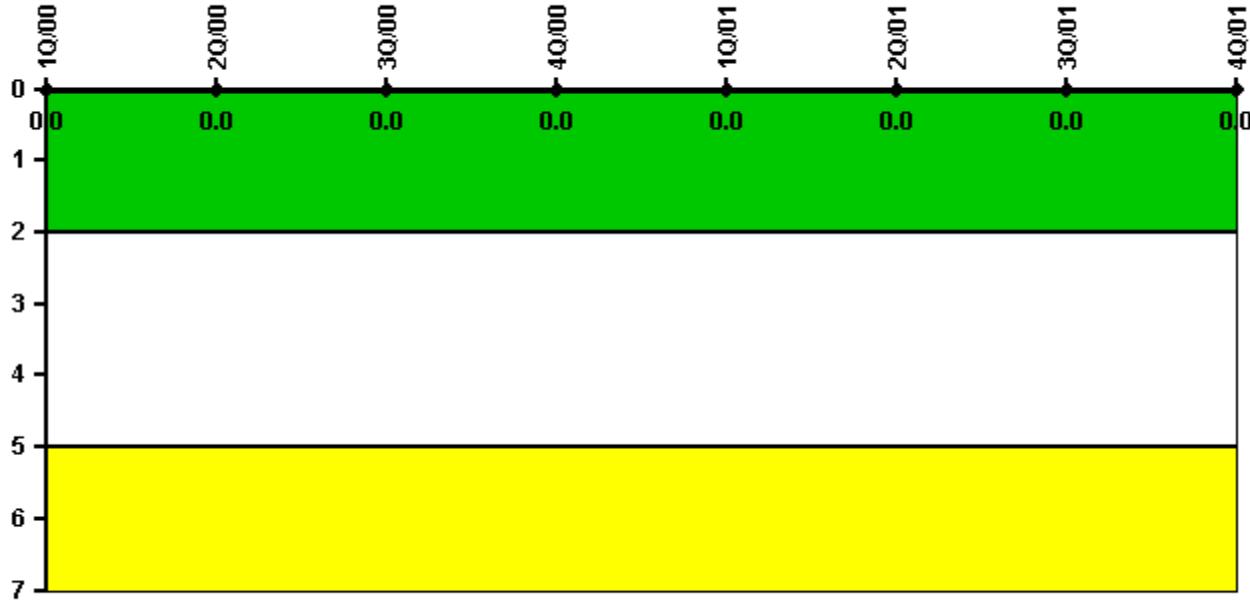
Personnel Screening Program

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](#)

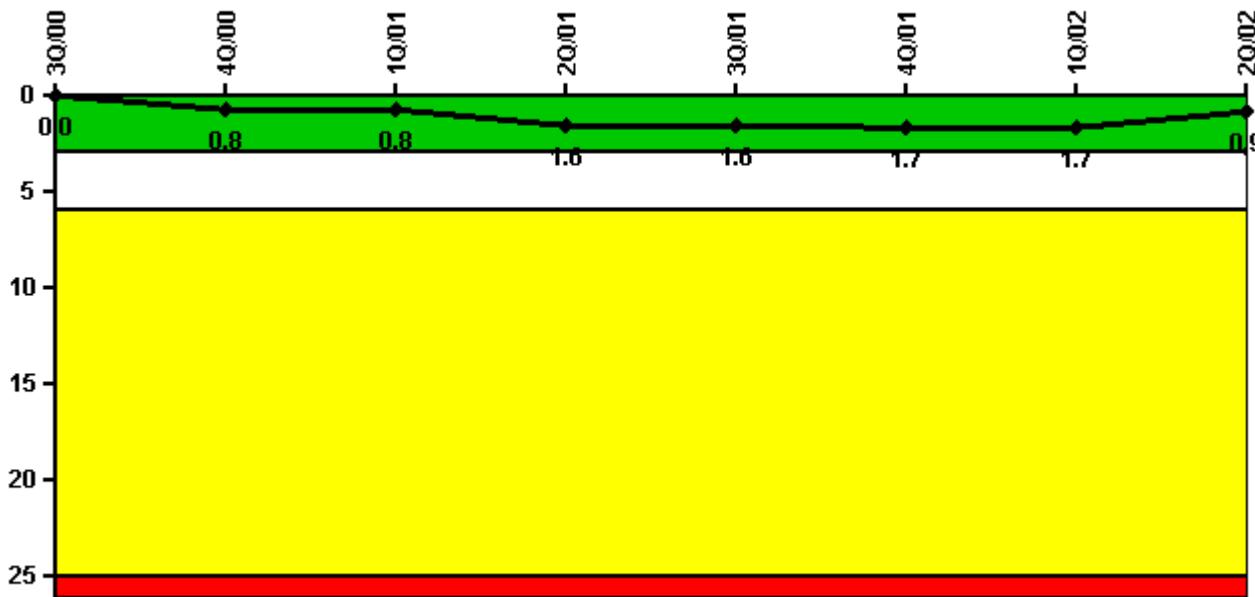
Last Modified: March 15, 2002

Dresden 2

2Q/2002 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs

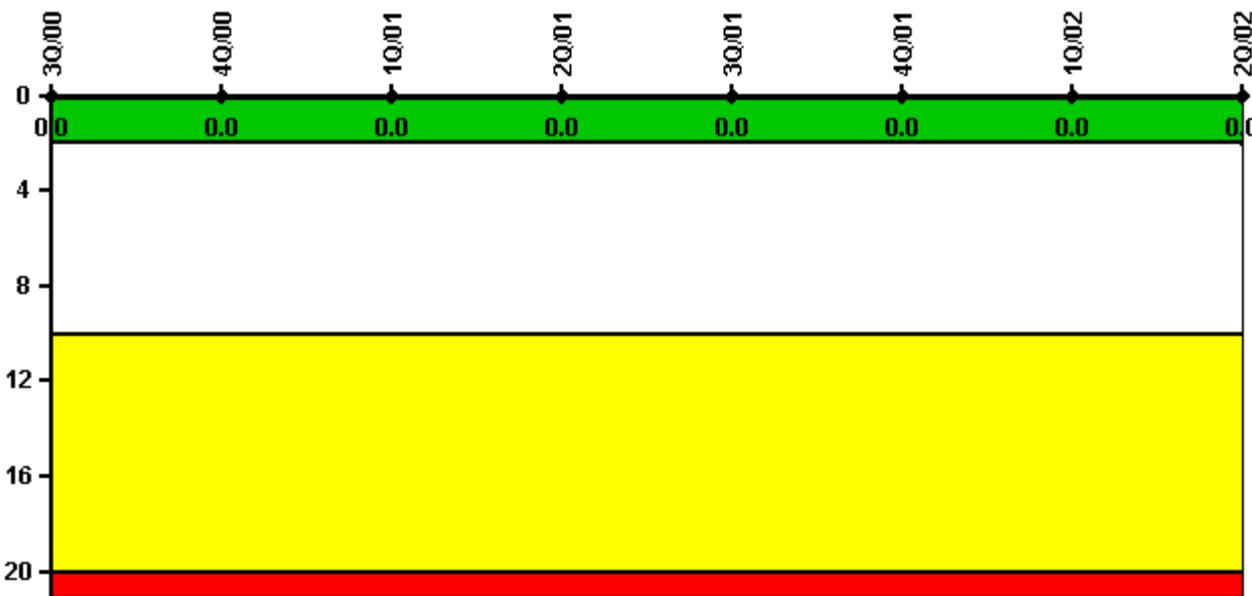


Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	1.0	0	1.0	0	0
Critical hours	2208.0	2183.9	2160.0	2120.7	2042.0	1786.8	2160.0	2183.0
Indicator value	0	0.8	0.8	1.6	1.6	1.7	1.7	0.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

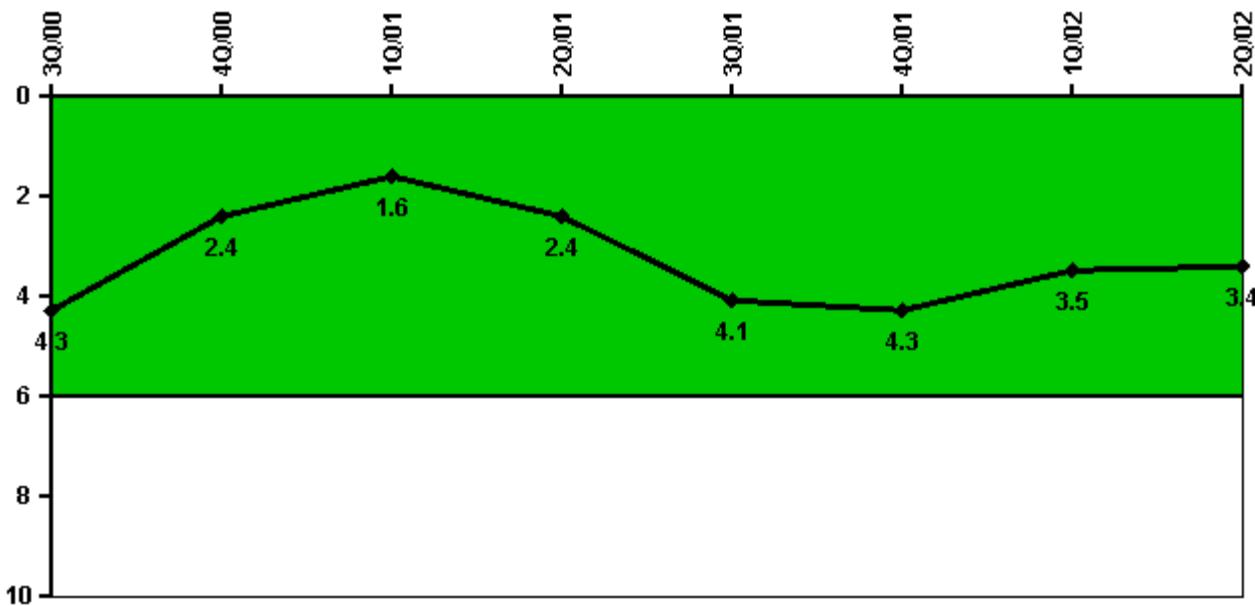
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/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



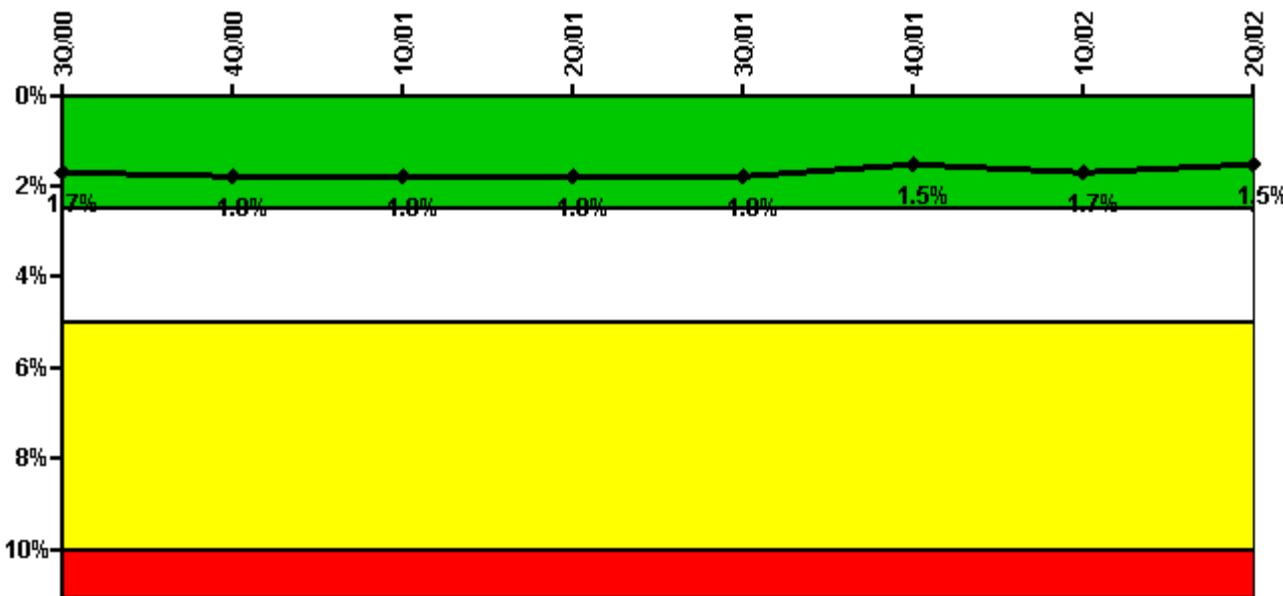
Thresholds: White > 6.0

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	1.0	0	1.0	1.0	3.0	0	0	1.0
Critical hours	2208.0	2183.9	2160.0	2120.7	2042.0	1786.8	2160.0	2183.0
Indicator value	4.3	2.4	1.6	2.4	4.1	4.3	3.5	3.4

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



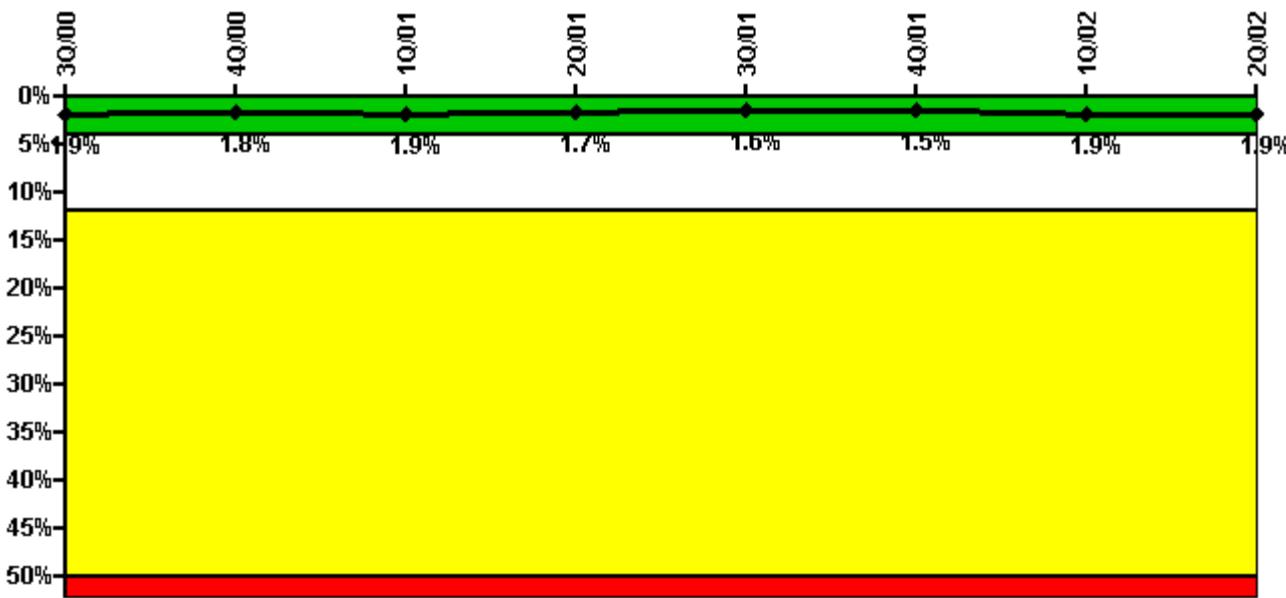
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

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	13.55	36.08	88.90	10.98	13.25	8.88	11.78	24.37
Unplanned unavailable hours	0	0	26.90	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	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	16.47	22.37	35.27	71.38	21.17	9.24	107.35	7.33
Unplanned unavailable hours	0	0	0	2.80	0	0	0	1.00
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	1.7%	1.8%	1.8%	1.8%	1.8%	1.5%	1.7%	1.5%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)



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

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours	0.37	24.45	45.25	17.50	6.97	0.48	104.00	32.51
Unplanned unavailable hours	0	0.28	0.38	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	2183.93	2160.00	2120.65	2041.98	1786.75	2160.00	2183.00
Indicator value	1.9%	1.8%	1.9%	1.7%	1.6%	1.5%	1.9%	1.9%

Licensee Comments: none

Safety System Unavailability, Heat Removal System

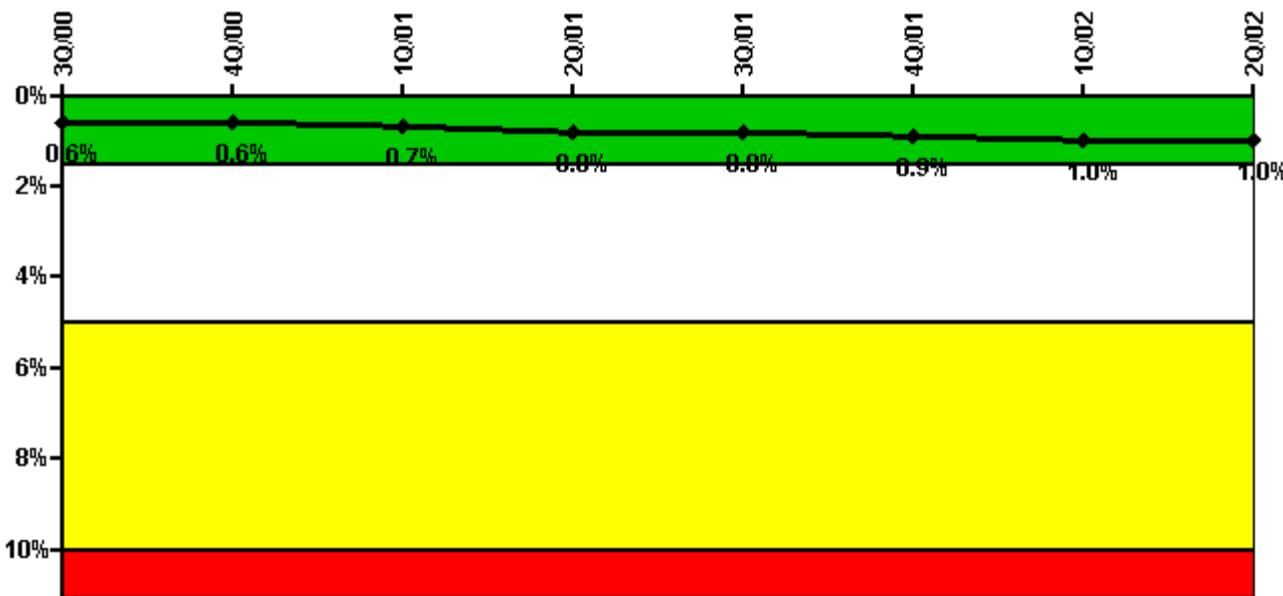
Thresholds under development / review

Notes

Safety System Unavailability, Heat Removal System	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours								
Unplanned unavailable hours								
Fault exposure hours								
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours								
Indicator value								

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



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

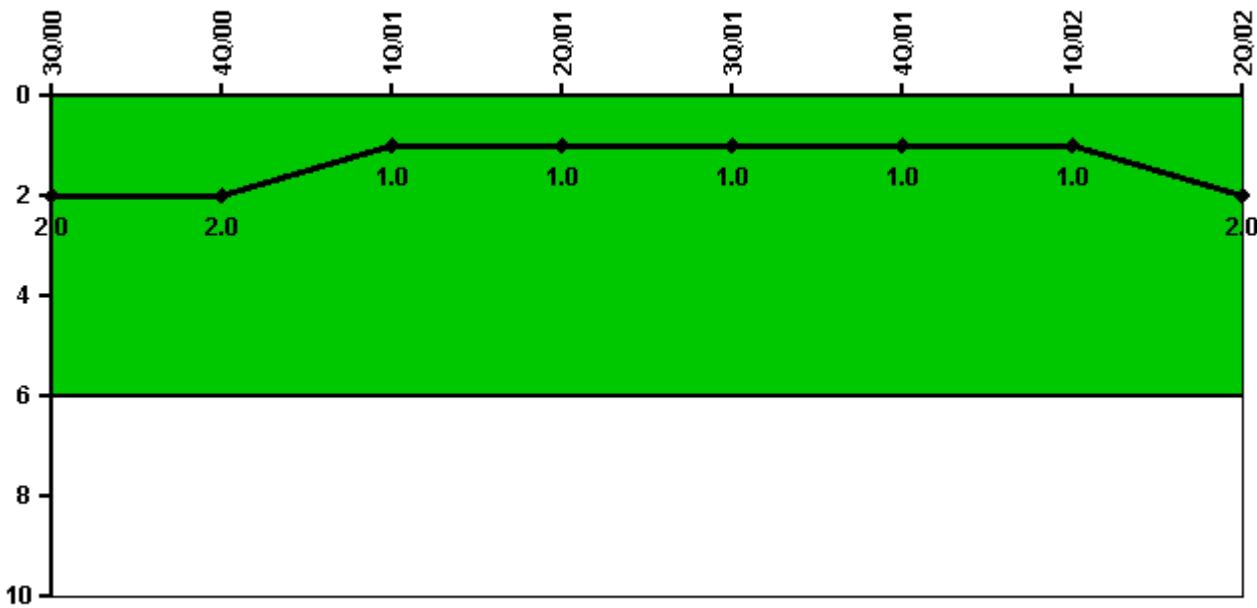
Notes

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	0.08	7.32	47.20	40.03	19.38	0	52.70	3.12
Unplanned unavailable hours	0	0	0	0	12.82	40.65	39.92	21.48
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	2063.08	2160.00	2183.00
Train 2								
Planned unavailable hours	40.55	14.07	65.78	0	9.30	0	0	40.98
Unplanned unavailable hours	0	18.87	0	0	0	0	80.05	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	2063.08	2160.00	2183.00
Train 3								
Planned unavailable hours	0	0.58	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	1.20	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	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 4								
Planned unavailable hours	0	0.58	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	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00

Indicator value	0.6%	0.6%	0.7%	0.8%	0.8%	0.9%	1.0%	1.0%
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Licensee Comments: none

Safety System Functional Failures (BWR)

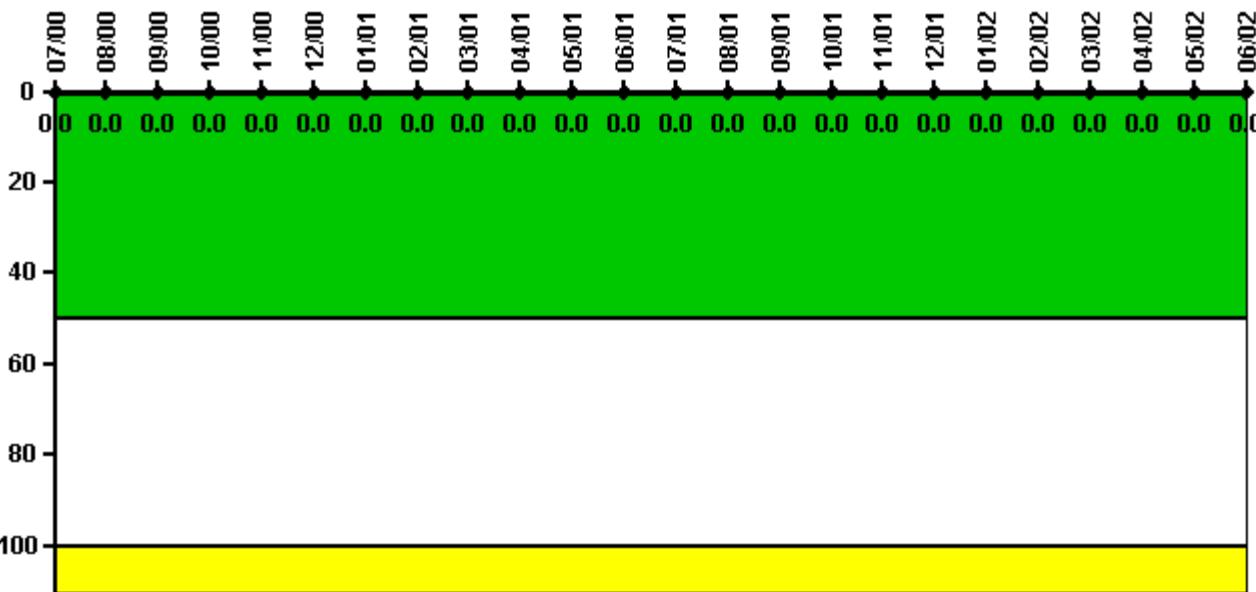


Thresholds: White > 6.0

Notes

Licensee Comments: none

Reactor Coolant System Activity



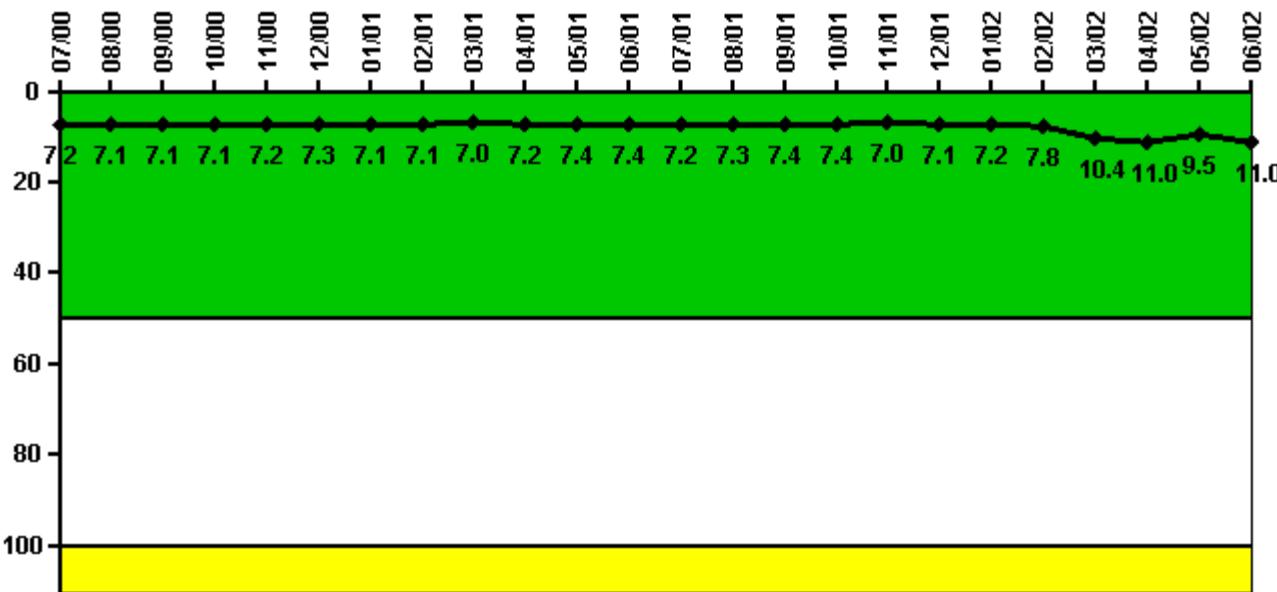
Thresholds: White > 50.0 Yellow > 100.0

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	0.000028	0.000011	0.000014	0.000020	0.000009	0.000015	0.000007	0.000009	0.000015	0.000008	0.000026	0.000018
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0											
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	0.000010	0.000015	0.000015	0.000011	0.000011	0.000006	0.000006	0.000008	0.000026	0.000004	0.000006	0.000006
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0											

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

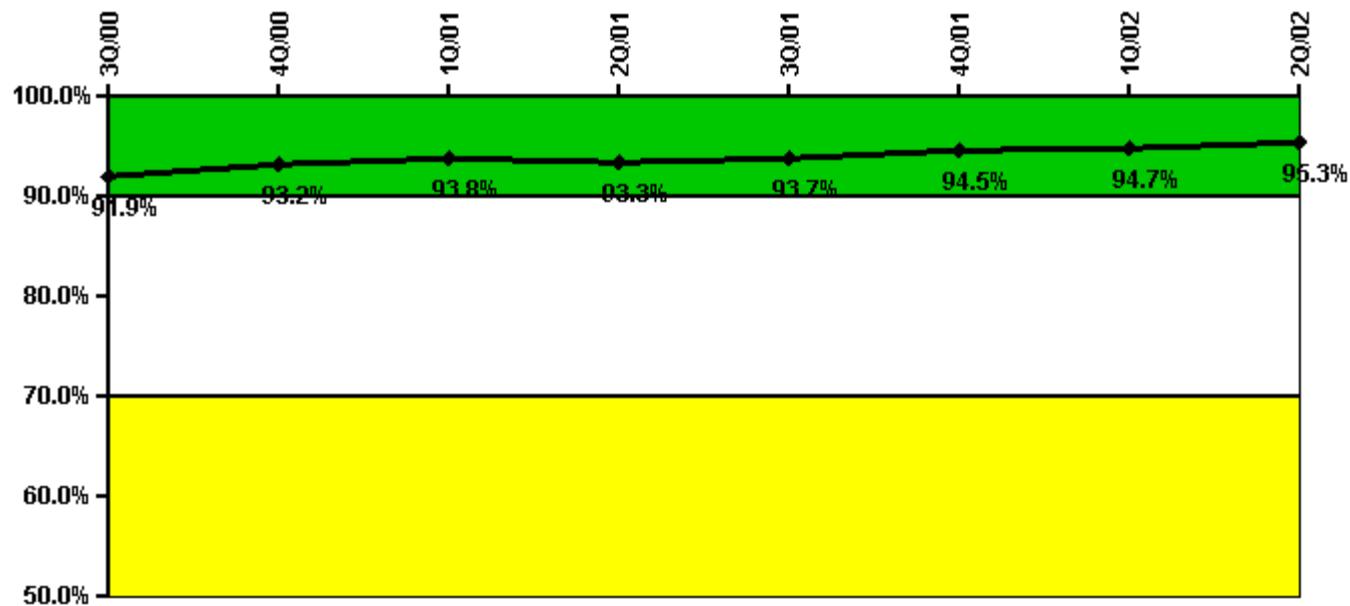
Notes

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	1.810	1.778	1.775	1.770	1.800	1.818	1.775	1.768	1.743	1.803	1.850	1.843
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	7.2	7.1	7.1	7.1	7.2	7.3	7.1	7.1	7.0	7.2	7.4	7.4

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	1.803	1.822	1.840	1.840	1.757	1.767	1.795	1.953	2.610	2.750	2.387	2.741
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	7.2	7.3	7.4	7.4	7.0	7.1	7.2	7.8	10.4	11.0	9.5	11.0

Licensee Comments: none

Drill/Exercise Performance



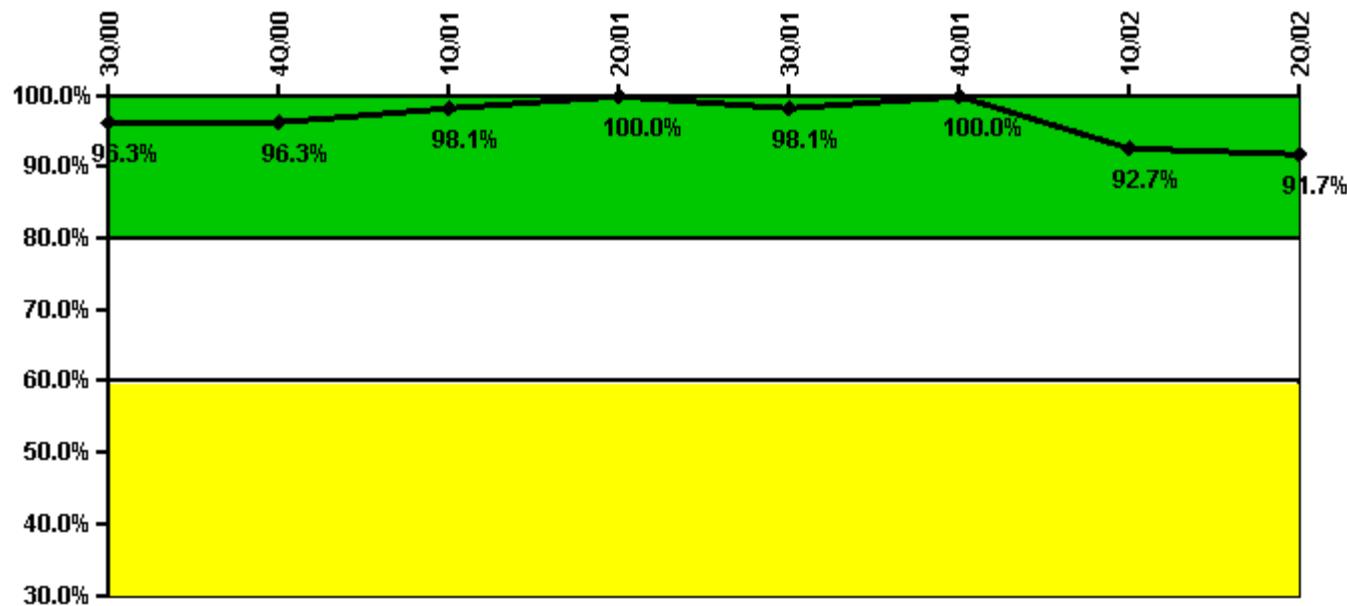
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Successful opportunities	85.0	61.0	33.0	12.0	5.0	43.0	14.0	12.0
Total opportunities	90.0	62.0	34.0	14.0	6.0	46.0	14.0	12.0
Indicator value	91.9%	93.2%	93.8%	93.3%	93.7%	94.5%	94.7%	95.3%

Licensee Comments: none

ERO Drill Participation



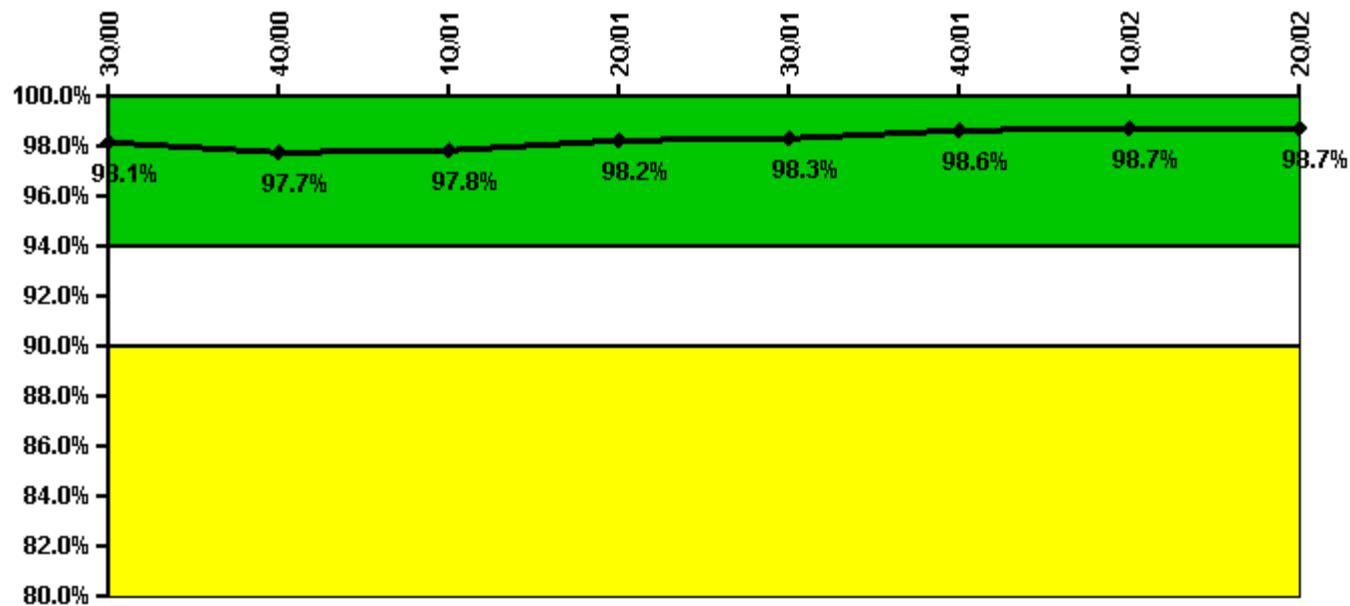
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Participating Key personnel	52.0	52.0	52.0	52.0	51.0	45.0	38.0	44.0
Total Key personnel	54.0	54.0	53.0	52.0	52.0	45.0	41.0	48.0
Indicator value	96.3%	96.3%	98.1%	100.0%	98.1%	100.0%	92.7%	91.7%

Licensee Comments: none

Alert & Notification System



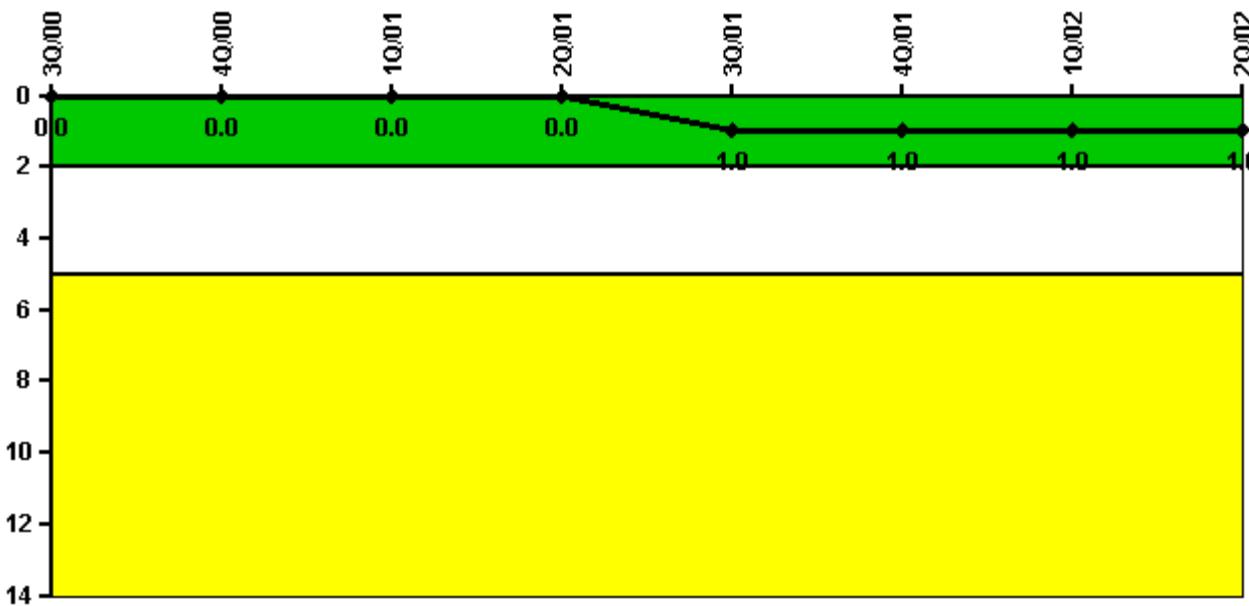
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Successful siren-tests	4864	4877	5213	5207	5121	5020	4923	4979
Total sirens-tests	4977	4977	5293	5293	5214	5056	4977	5056
Indicator value	98.1%	97.7%	97.8%	98.2%	98.3%	98.6%	98.7%	98.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness

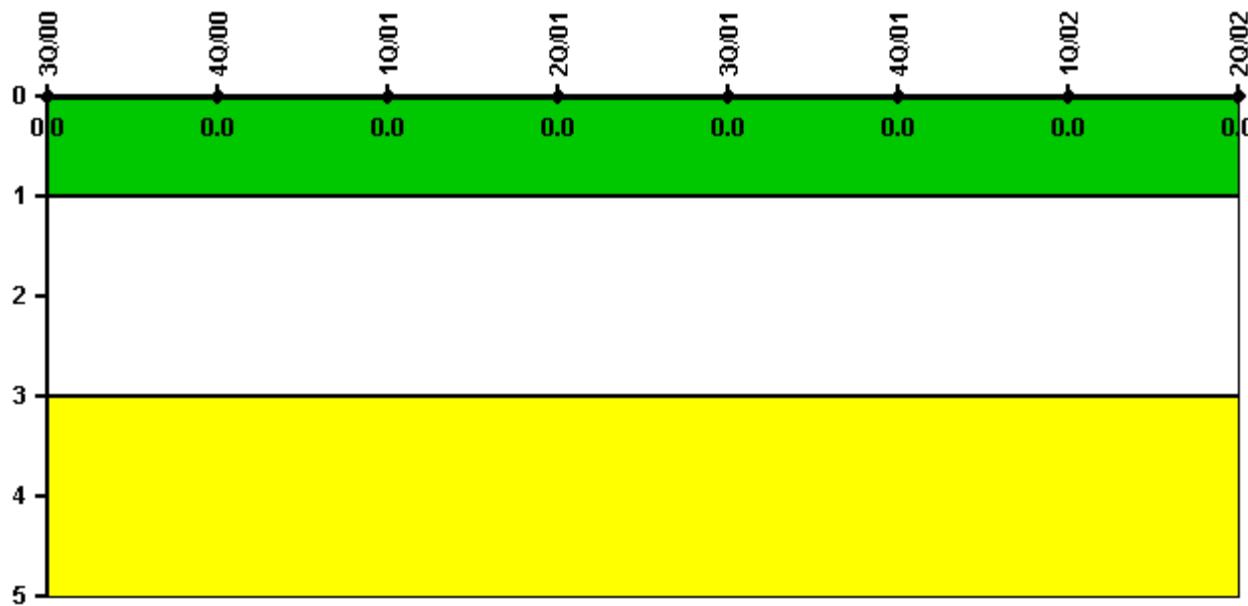


Thresholds: White > 2.0 Yellow > 5.0

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	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

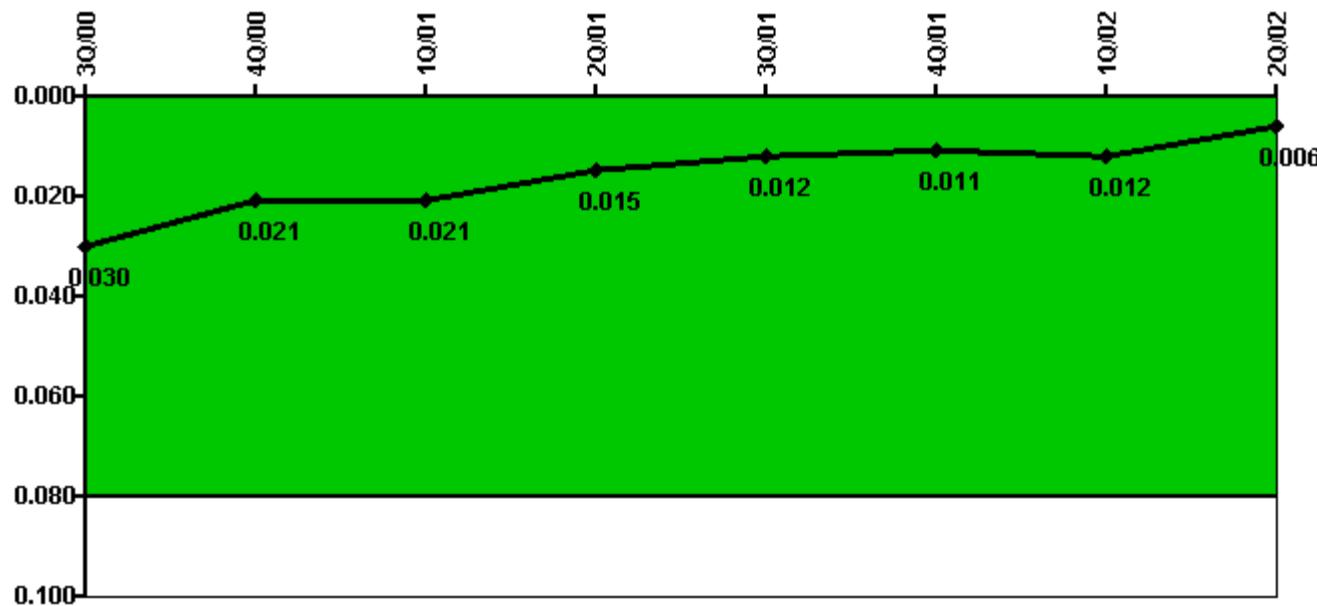
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	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



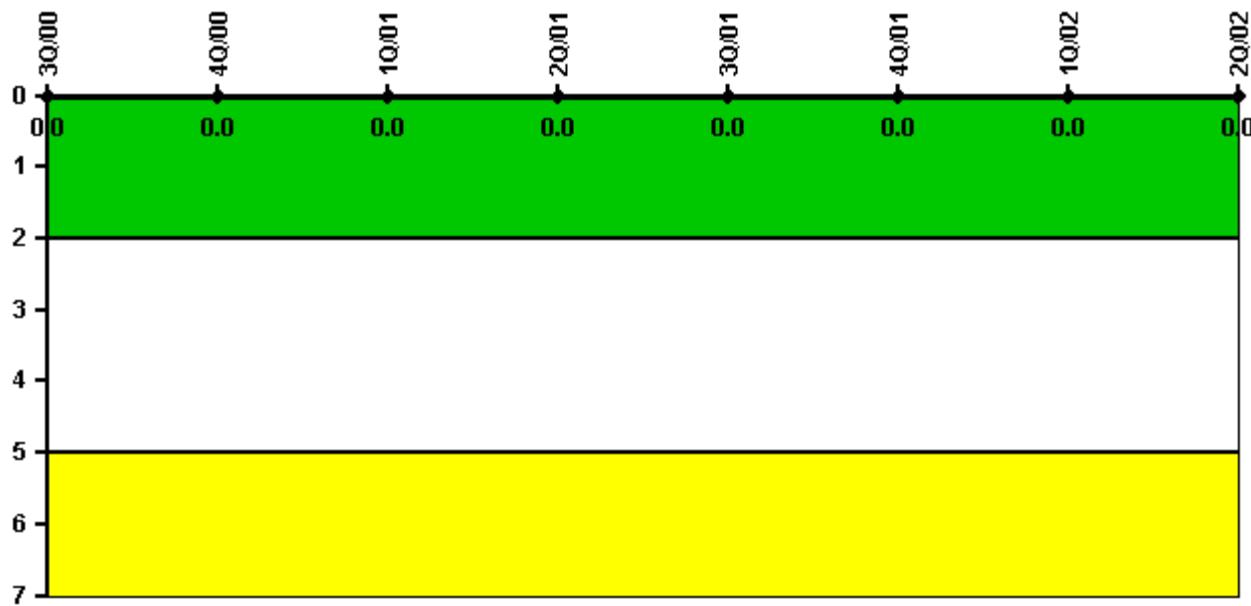
Thresholds: White > 0.080

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	20.18	2.17	0	127.63	39.79	1.13	0	27.70
CCTV compensatory hours	72.7	32.3	19.0	31.9	4.9	14.3	24.9	0
IDS normalization factor	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.030	0.021	0.021	0.015	0.012	0.011	0.012	0.006

Licensee Comments: none

Personnel Screening Program

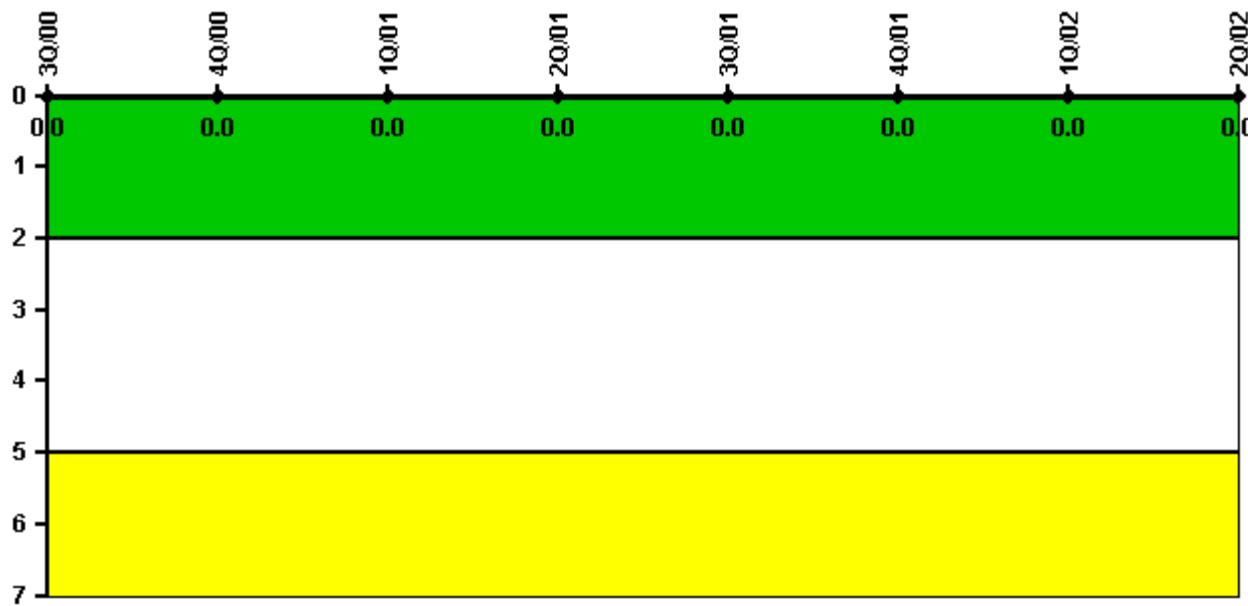


Thresholds: White > 2.0 Yellow > 5.0

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](#)

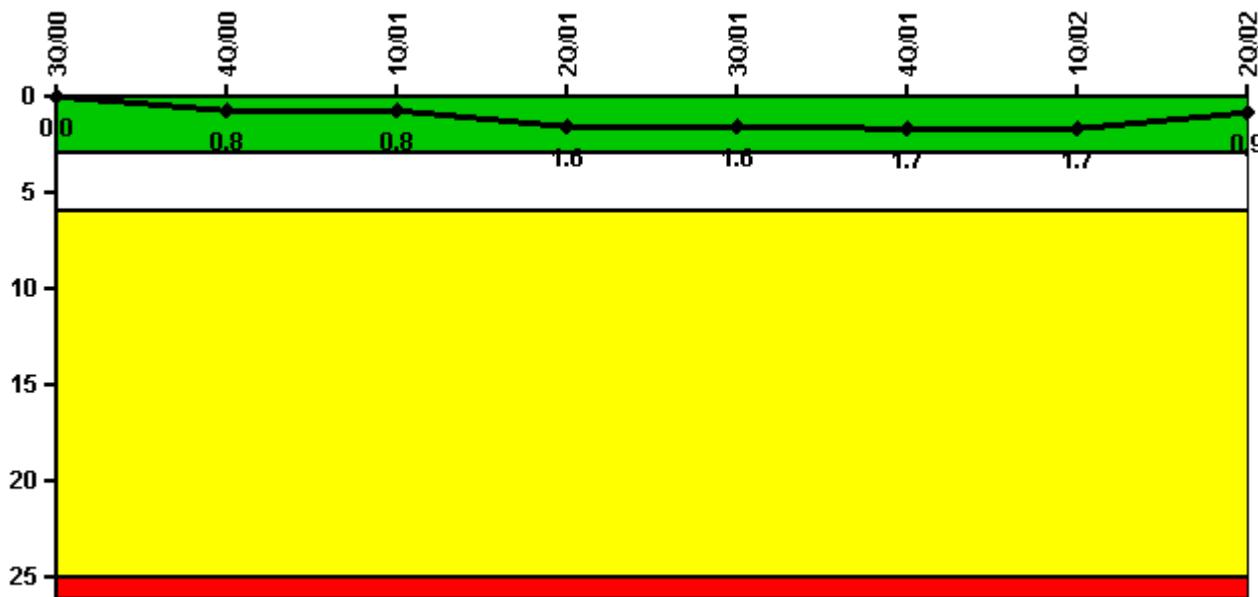
Last Modified: July 31, 2002

Dresden 2

2Q/2002 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs

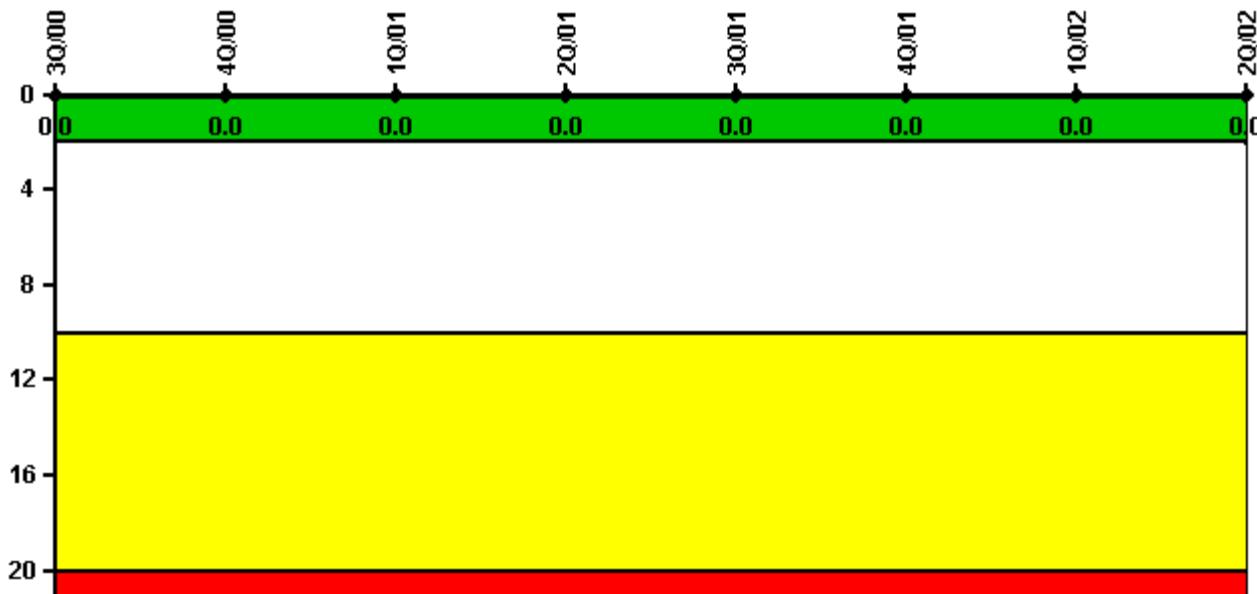


Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	1.0	0	1.0	0	0
Critical hours	2208.0	2183.9	2160.0	2120.7	2042.0	1786.8	2160.0	2183.0
Indicator value	0	0.8	0.8	1.6	1.6	1.7	1.7	0.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

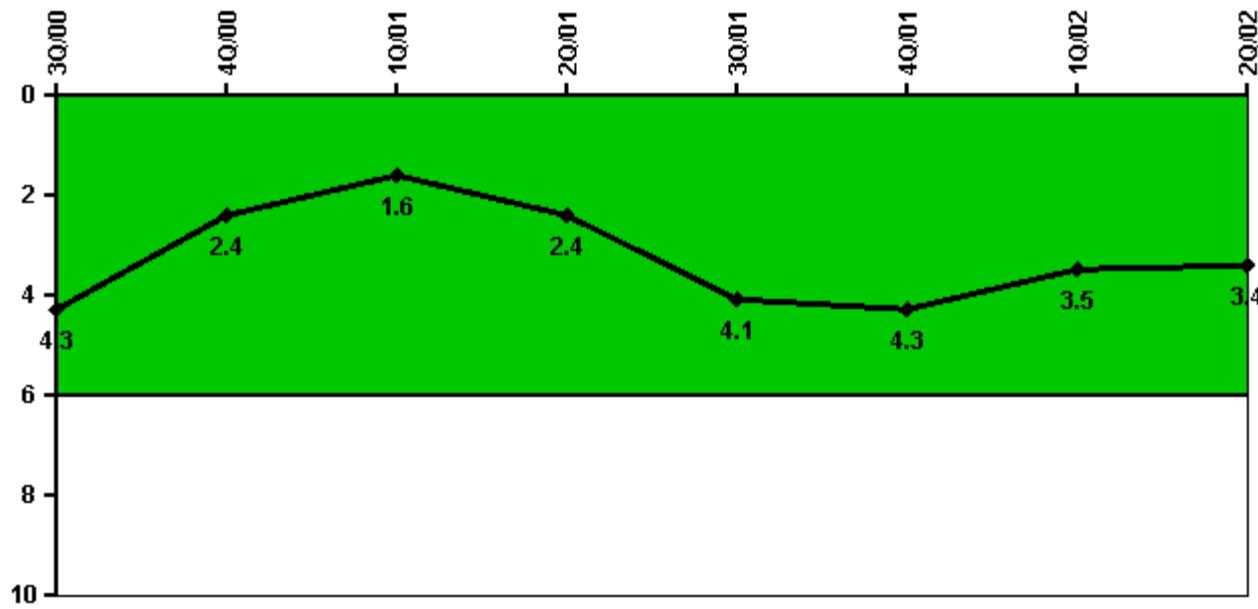
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/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



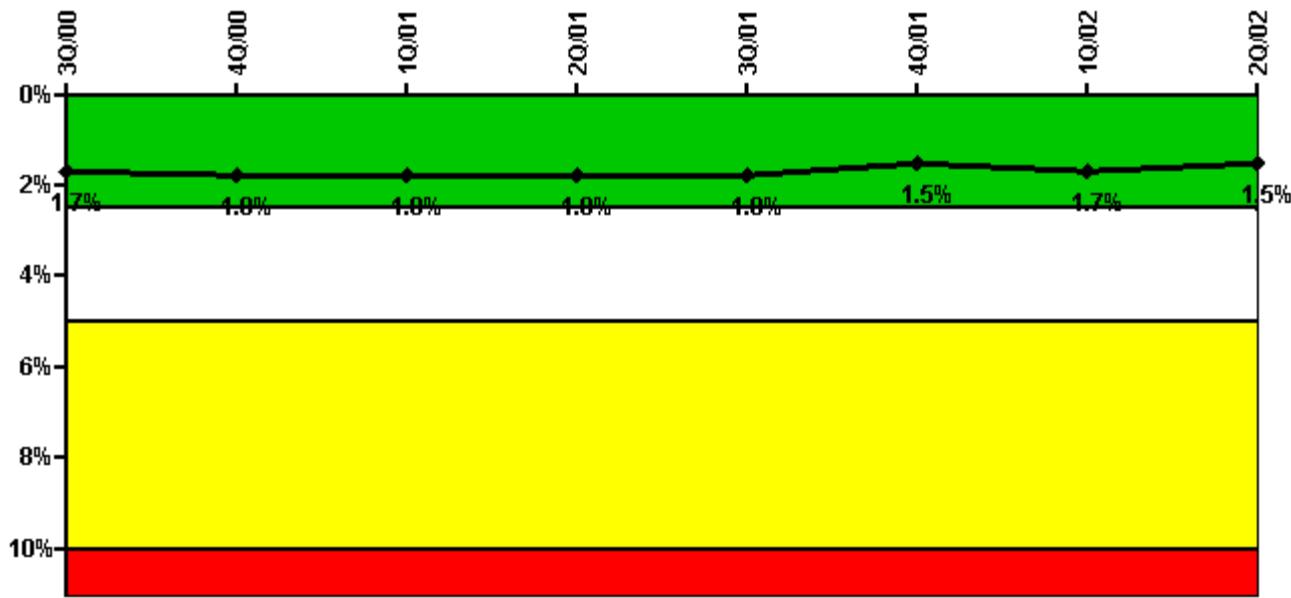
Thresholds: White > 6.0

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	1.0	0	1.0	1.0	3.0	0	0	1.0
Critical hours	2208.0	2183.9	2160.0	2120.7	2042.0	1786.8	2160.0	2183.0
Indicator value	4.3	2.4	1.6	2.4	4.1	4.3	3.5	3.4

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



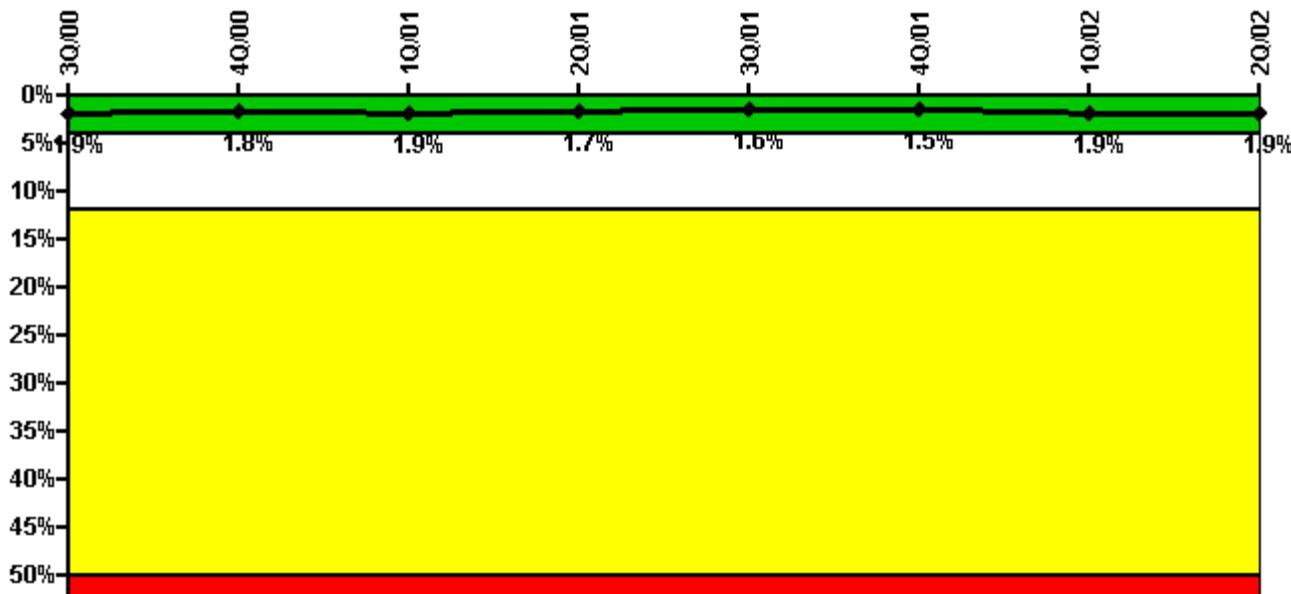
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

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	13.55	36.08	88.90	10.98	13.25	8.88	11.78	24.37
Unplanned unavailable hours	0	0	26.90	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	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	16.47	22.37	35.27	71.38	21.17	9.24	107.35	7.33
Unplanned unavailable hours	0	0	0	2.80	0	0	0	1.00
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	1.7%	1.8%	1.8%	1.8%	1.8%	1.5%	1.7%	1.5%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)



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

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours	0.37	24.45	45.25	17.50	6.97	0.48	104.00	32.51
Unplanned unavailable hours	0	0.28	0.38	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	2183.93	2160.00	2120.65	2041.98	1786.75	2160.00	2183.00
Indicator value	1.9%	1.8%	1.9%	1.7%	1.6%	1.5%	1.9%	1.9%

Licensee Comments: none

Safety System Unavailability, Heat Removal System

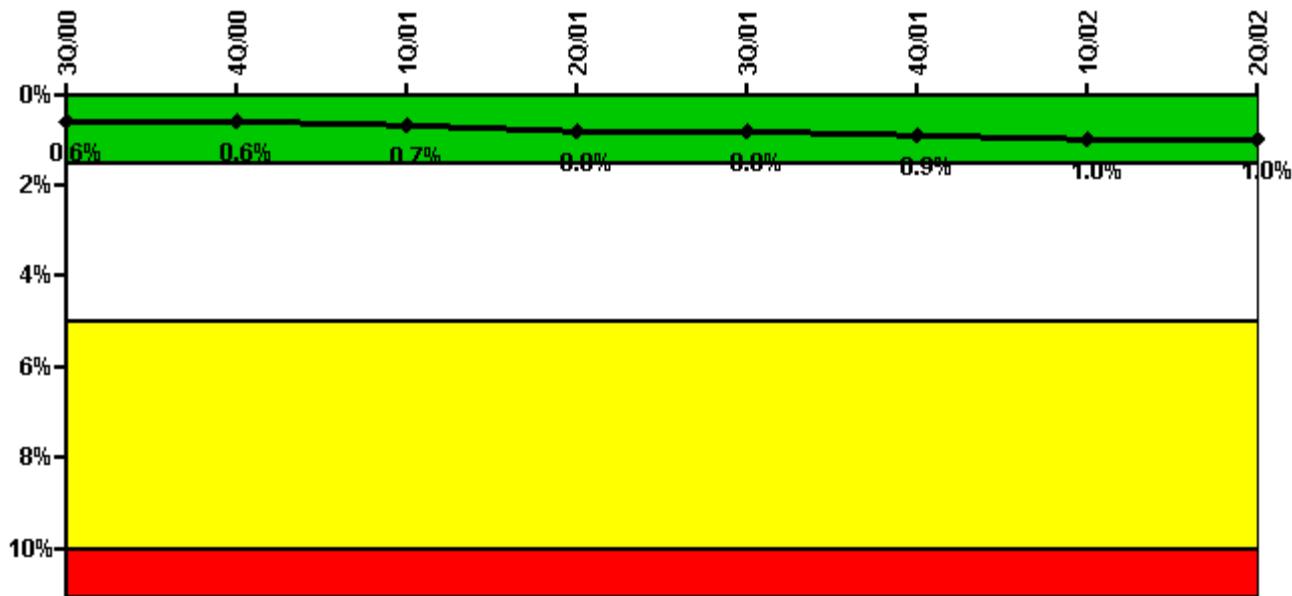
Thresholds under development / review

Notes

Safety System Unavailability, Heat Removal System	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours								
Unplanned unavailable hours								
Fault exposure hours								
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours								
Indicator value								

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



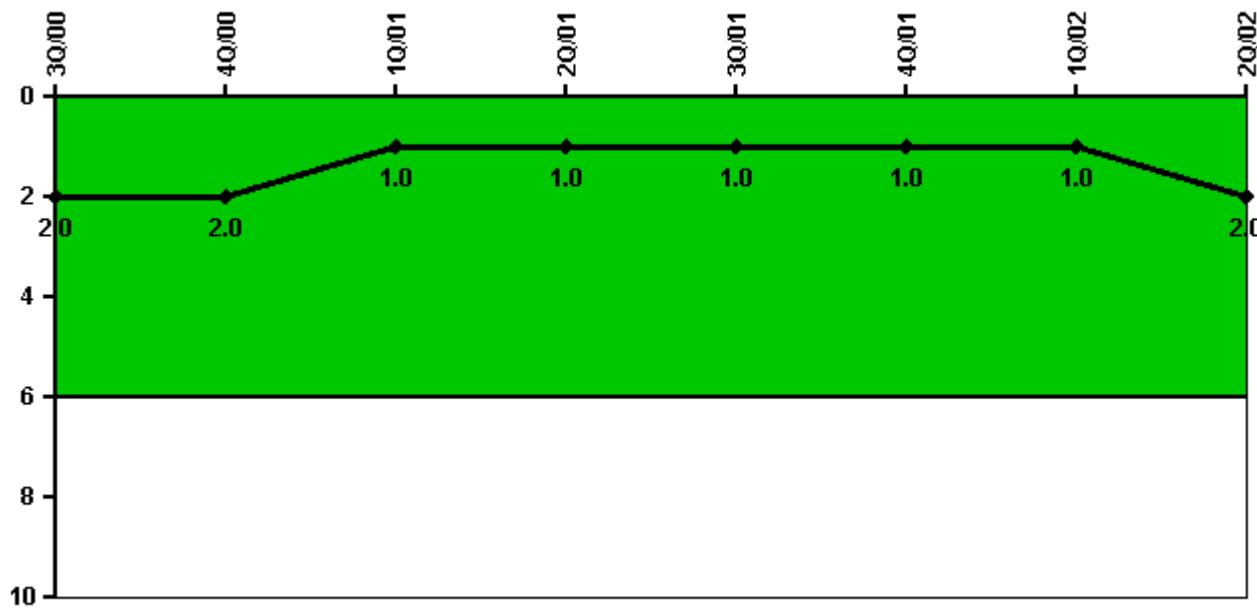
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

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		0.08	7.32	47.20	40.03	19.38	0	52.70	3.12
Unplanned unavailable hours		0	0	0	0	12.82	40.65	39.92	21.48
Fault exposure hours		0	0	0	0	0	0	0	0
Effective Reset hours		0	0	0	0	0	0	0	0
Required hours		2208.00	2209.00	2160.00	2183.00	2208.00	2063.08	2160.00	2183.00
Train 2									
Planned unavailable hours		40.55	14.07	65.78	0	9.30	0	0	40.98
Unplanned unavailable hours		0	18.87	0	0	0	0	80.05	0
Fault exposure hours		0	0	0	0	0	0	0	0
Effective Reset hours		0	0	0	0	0	0	0	0
Required hours		2208.00	2209.00	2160.00	2183.00	2208.00	2063.08	2160.00	2183.00
Train 3									
Planned unavailable hours		0	0.58	0	0	0	0	0	0
Unplanned unavailable hours		0	0	0	0	1.20	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		2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 4									
Planned unavailable hours		0	0.58	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		2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value		0.6%	0.6%	0.7%	0.8%	0.8%	0.9%	1.0%	1.0%

Licensee Comments: none

Safety System Functional Failures (BWR)



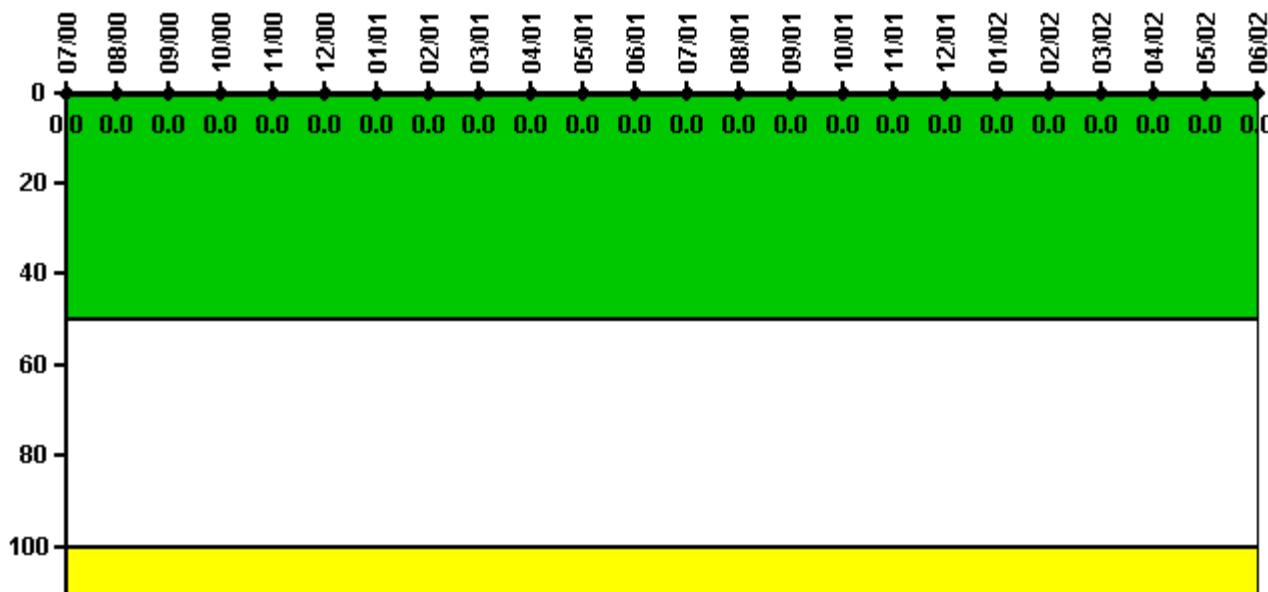
Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



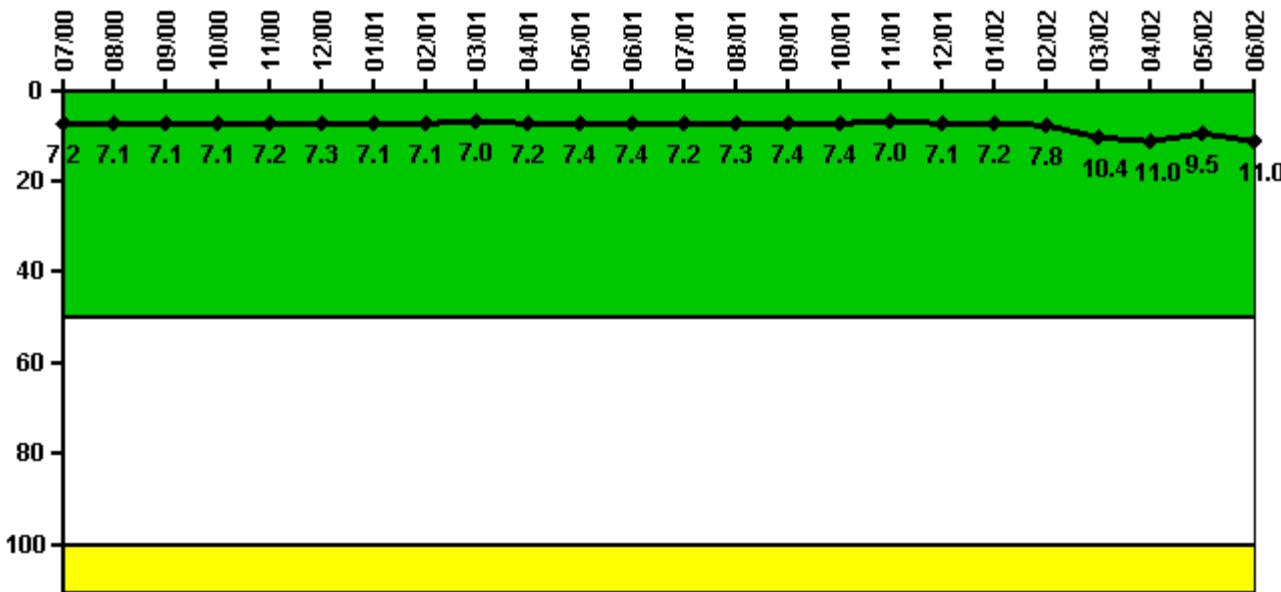
Thresholds: White > 50.0 Yellow > 100.0

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	0.000028	0.000011	0.000014	0.000020	0.000009	0.000015	0.000007	0.000009	0.000015	0.000008	0.000026	0.000018
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
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	0.000010	0.000015	0.000015	0.000011	0.000011	0.000006	0.000006	0.000008	0.000026	0.000004	0.000006	0.000006
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



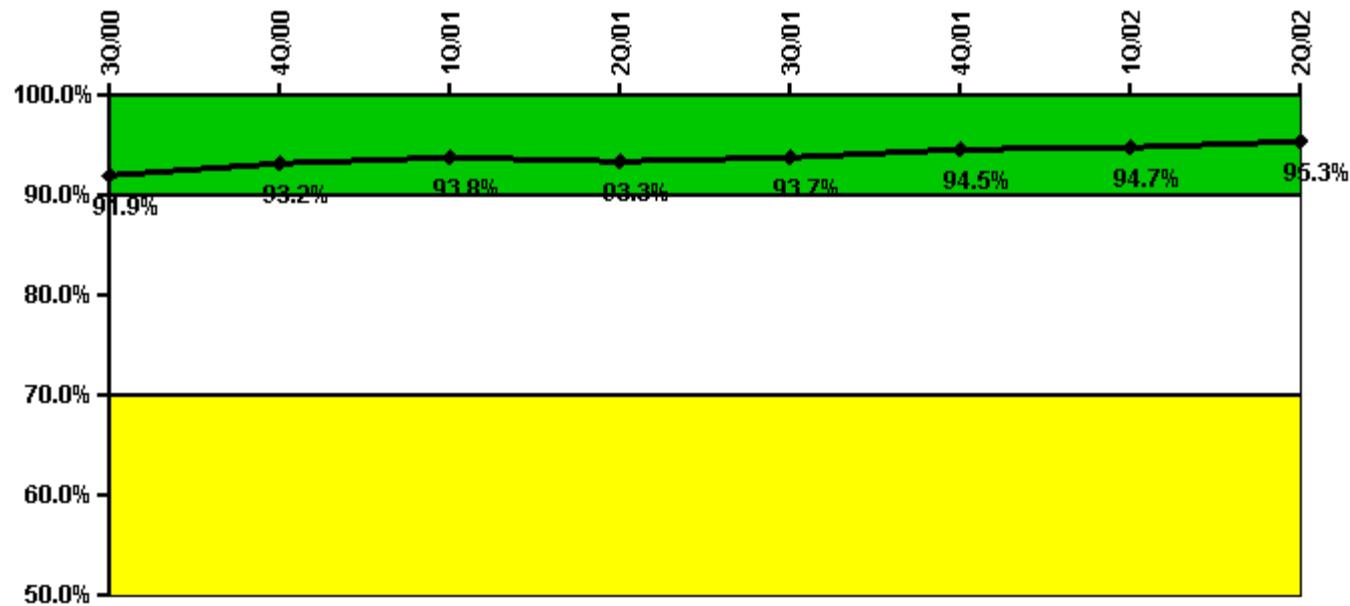
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage		7/00	8/00	9/00	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum leakage		1.810	1.778	1.775	1.770	1.800	1.818	1.775	1.768	1.743	1.803	1.850	1.843
Technical specification limit		25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value		7.2	7.1	7.1	7.1	7.2	7.3	7.1	7.1	7.0	7.2	7.4	7.4
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		1.803	1.822	1.840	1.840	1.757	1.767	1.795	1.953	2.610	2.750	2.387	2.741
Technical specification limit		25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value		7.2	7.3	7.4	7.4	7.0	7.1	7.2	7.8	10.4	11.0	9.5	11.0

Licensee Comments: none

Drill/Exercise Performance



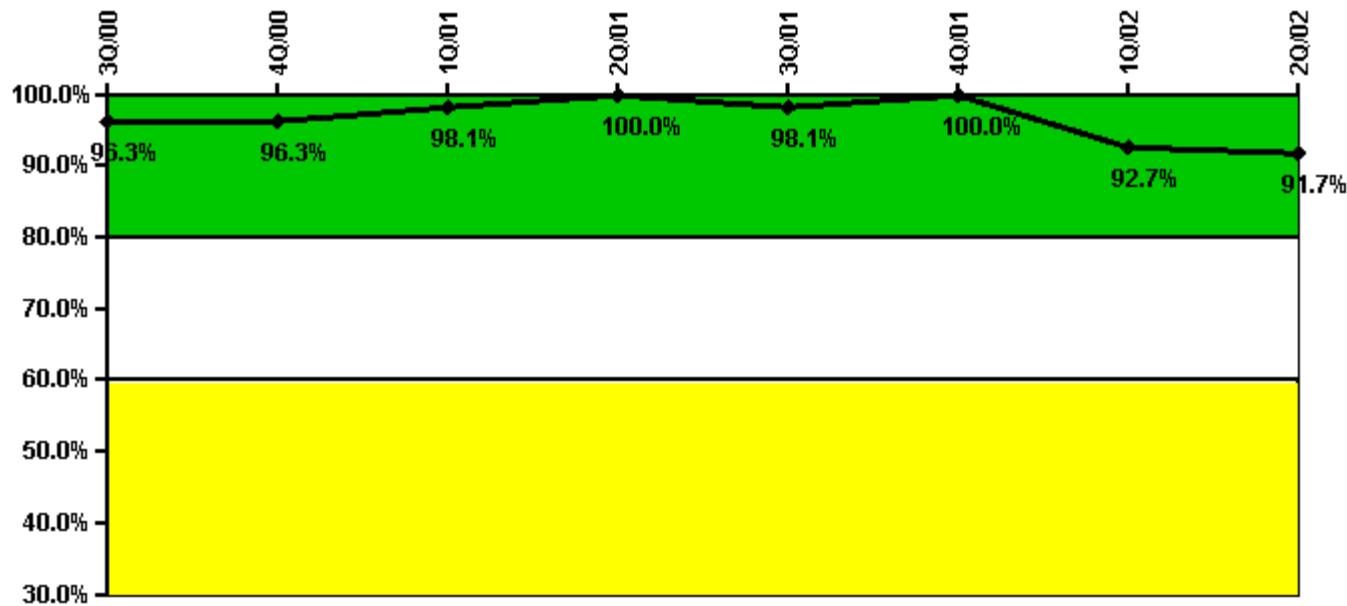
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Successful opportunities	85.0	61.0	33.0	12.0	5.0	43.0	14.0	12.0
Total opportunities	90.0	62.0	34.0	14.0	6.0	46.0	14.0	12.0
Indicator value	91.9%	93.2%	93.8%	93.3%	93.7%	94.5%	94.7%	95.3%

Licensee Comments: none

ERO Drill Participation



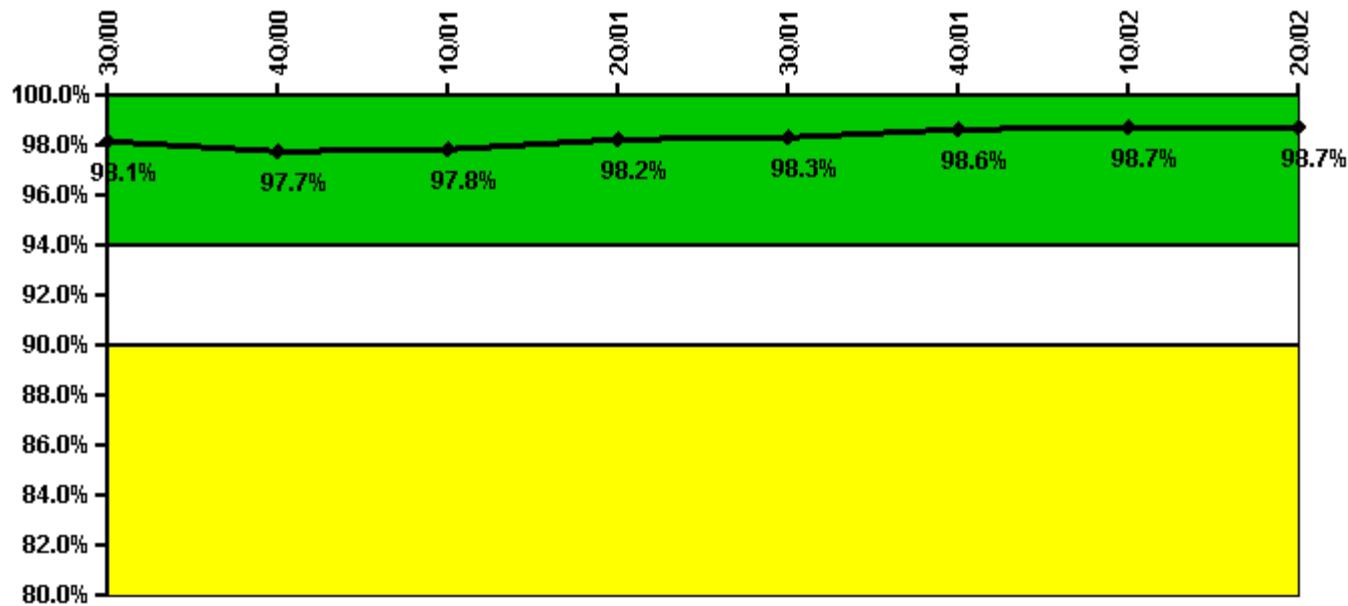
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Participating Key personnel	52.0	52.0	52.0	52.0	51.0	45.0	38.0	44.0
Total Key personnel	54.0	54.0	53.0	52.0	52.0	45.0	41.0	48.0
Indicator value	96.3%	96.3%	98.1%	100.0%	98.1%	100.0%	92.7%	91.7%

Licensee Comments: none

Alert & Notification System



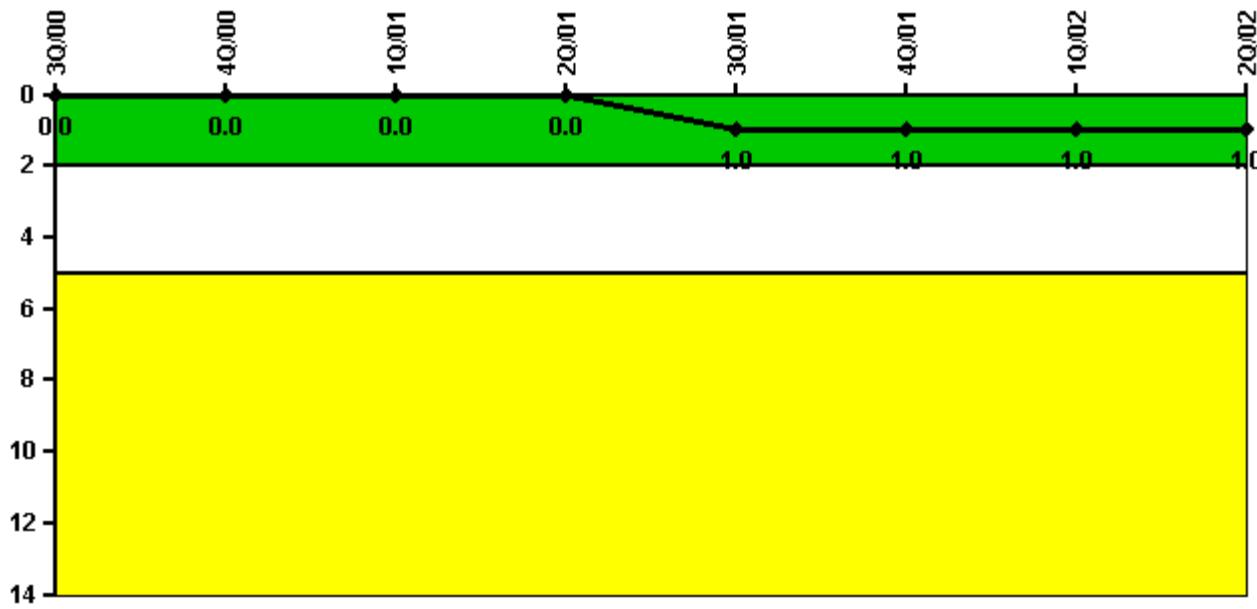
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Successful siren-tests	4864	4877	5213	5207	5121	5020	4923	4979
Total sirens-tests	4977	4977	5293	5293	5214	5056	4977	5056
Indicator value	98.1%	97.7%	97.8%	98.2%	98.3%	98.6%	98.7%	98.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness

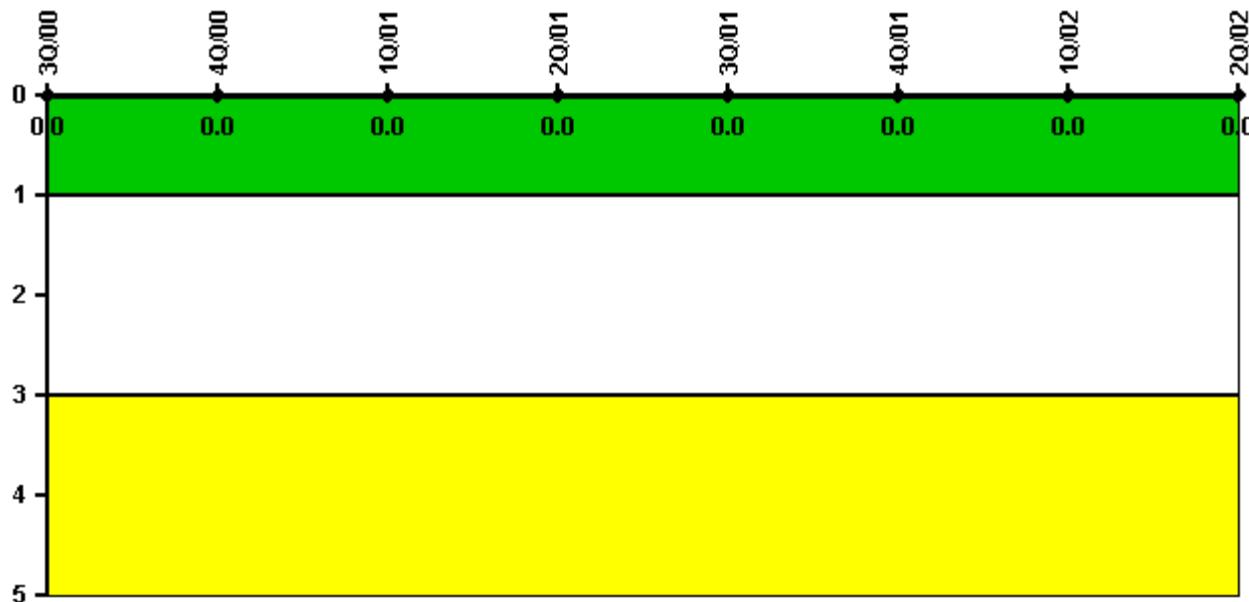


Thresholds: White > 2.0 Yellow > 5.0

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	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

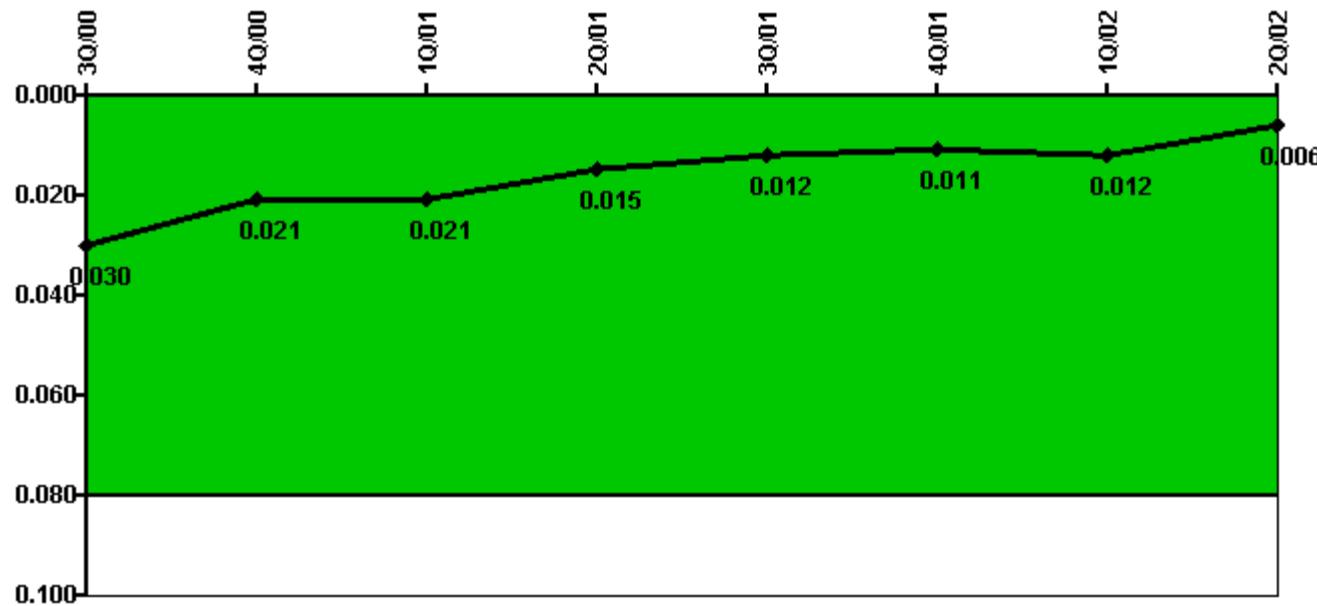
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	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

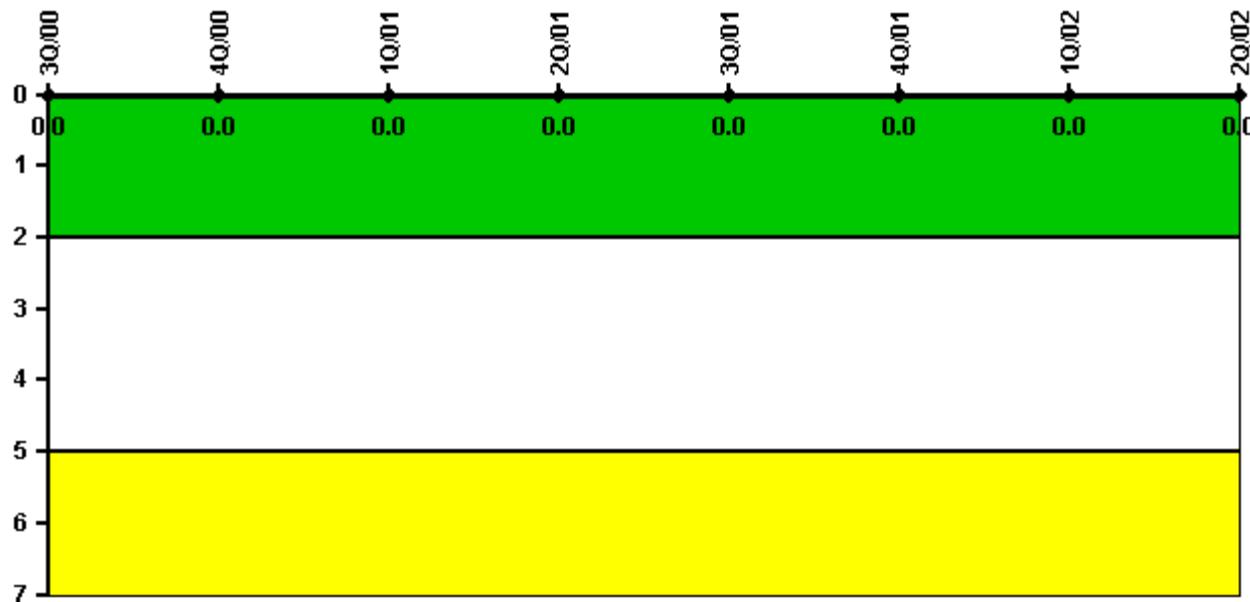


Thresholds: White > 0.080

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	20.18	2.17	0	127.63	39.79	1.13	0	27.70
CCTV compensatory hours	72.7	32.3	19.0	31.9	4.9	14.3	24.9	0
IDS normalization factor	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.030	0.021	0.021	0.015	0.012	0.011	0.012	0.006

Licensee Comments: none

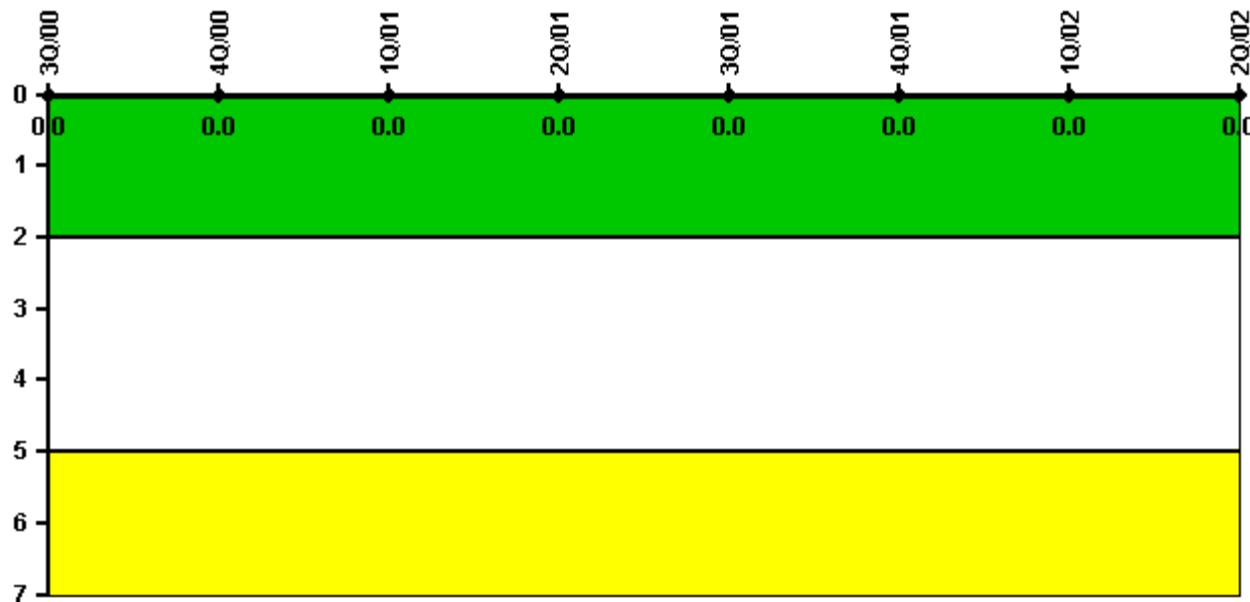
Personnel Screening Program

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							

Licensee Comments: none

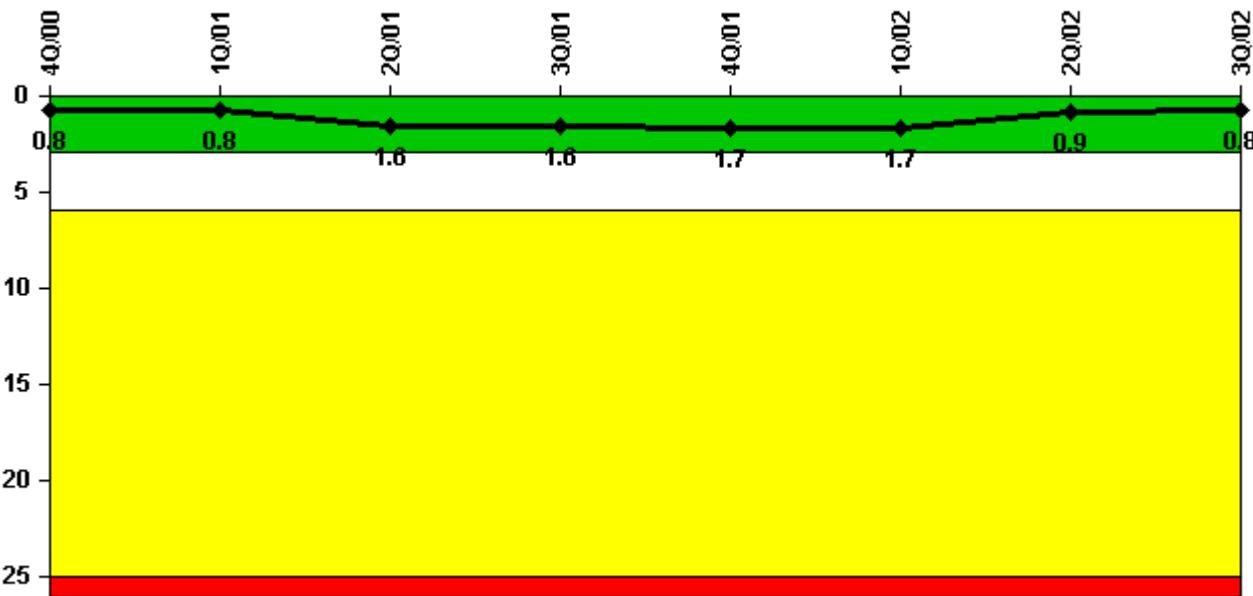


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Last Modified: July 31, 2002

Dresden 2**3Q/2002 Performance Indicators**

Licensee's General Comments: none

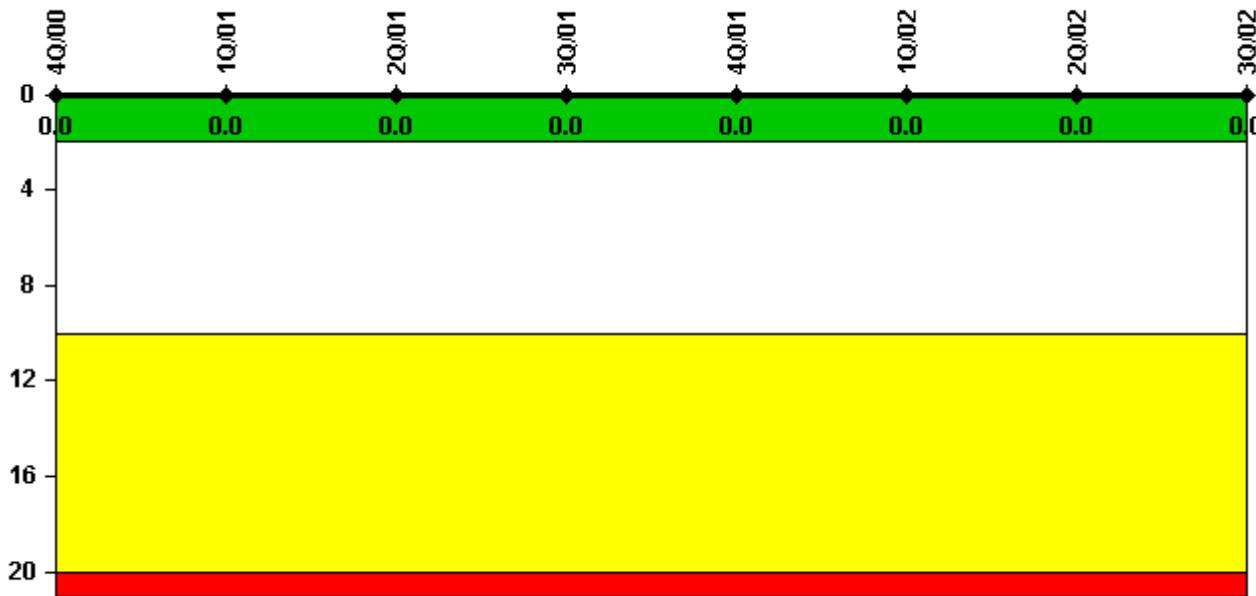
Unplanned Scrams per 7000 Critical Hrs

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	1.0	0	1.0	0	1.0	0	0	0
Critical hours	2183.9	2160.0	2120.7	2042.0	1786.8	2160.0	2183.0	2208.0
Indicator value	0.8	0.8	1.6	1.6	1.7	1.7	0.9	0.8

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

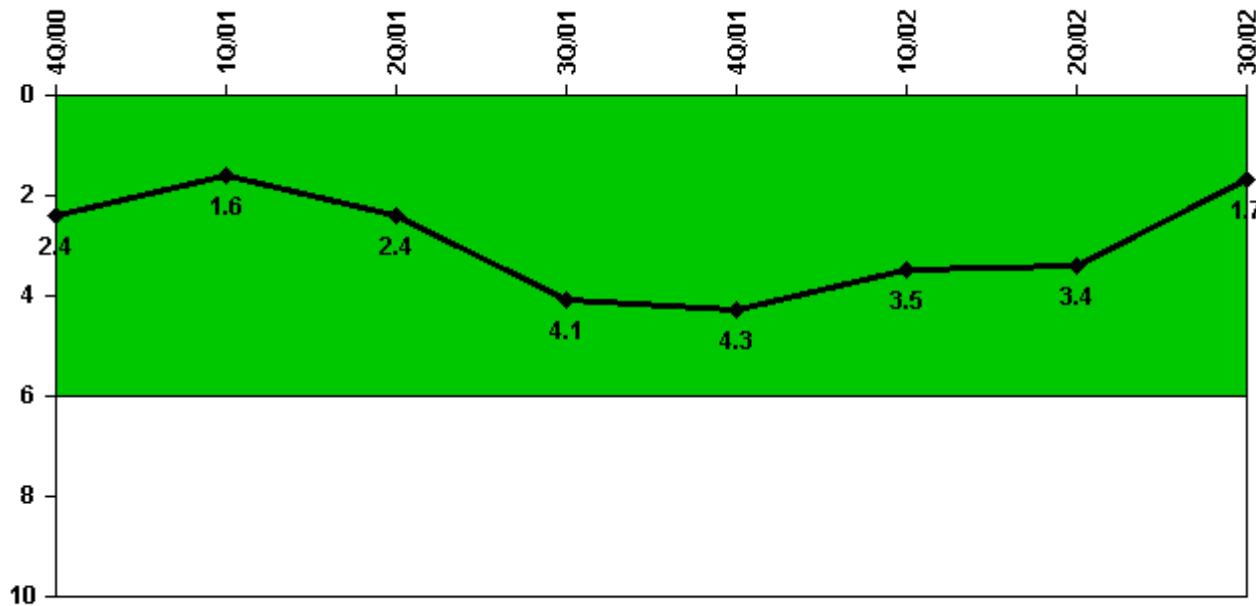
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/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



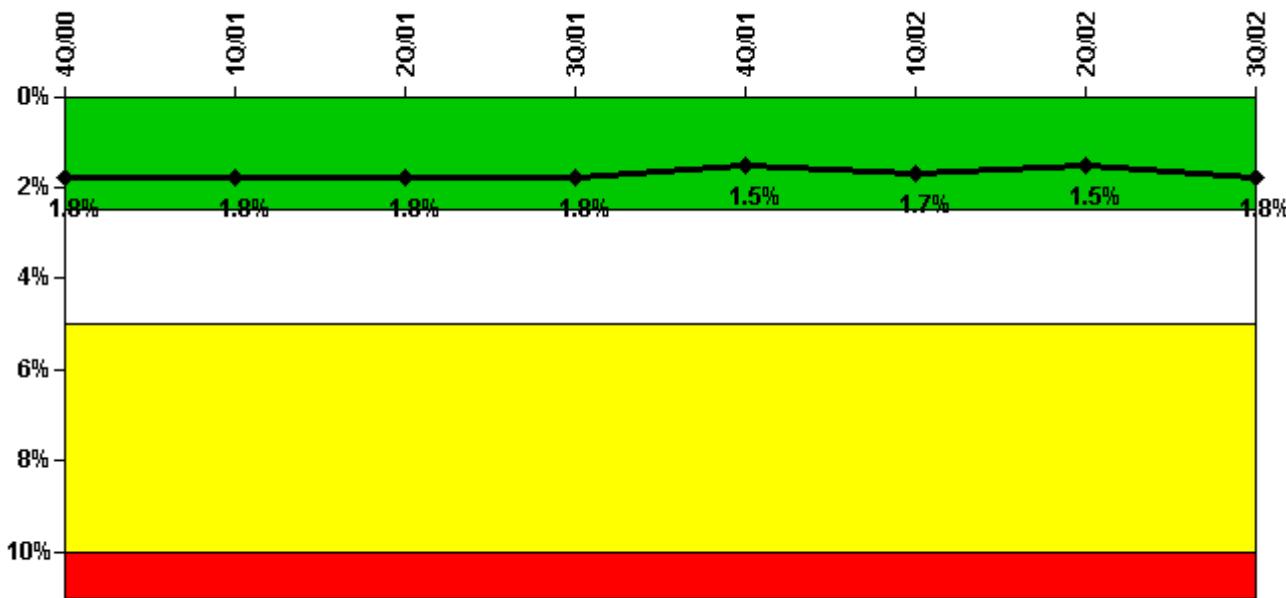
Thresholds: White > 6.0

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	1.0	1.0	3.0	0	0	1.0	1.0
Critical hours	2183.9	2160.0	2120.7	2042.0	1786.8	2160.0	2183.0	2208.0
Indicator value	2.4	1.6	2.4	4.1	4.3	3.5	3.4	1.7

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	36.08	88.90	10.98	13.25	8.88	11.78	24.37	14.61
Unplanned unavailable hours	0	26.90	0	0	0	0	0	141.90
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	22.37	35.27	71.38	21.17	9.24	107.35	7.33	66.52
Unplanned unavailable hours	0	0	2.80	0	0	0	1.00	3.27
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	1.8%	1.8%	1.8%	1.8%	1.5%	1.7%	1.5%	1.8%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)



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

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Train 1								
Planned unavailable hours	24.45	45.25	17.50	6.97	0.48	104.00	32.51	39.50
Unplanned unavailable hours	0.28	0.38	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	2183.93	2160.00	2120.65	2041.98	1786.75	2160.00	2183.00	2208.00
Indicator value	1.8%	1.9%	1.7%	1.6%	1.5%	1.9%	1.9%	1.7%

Licensee Comments: none

Safety System Unavailability, Heat Removal System

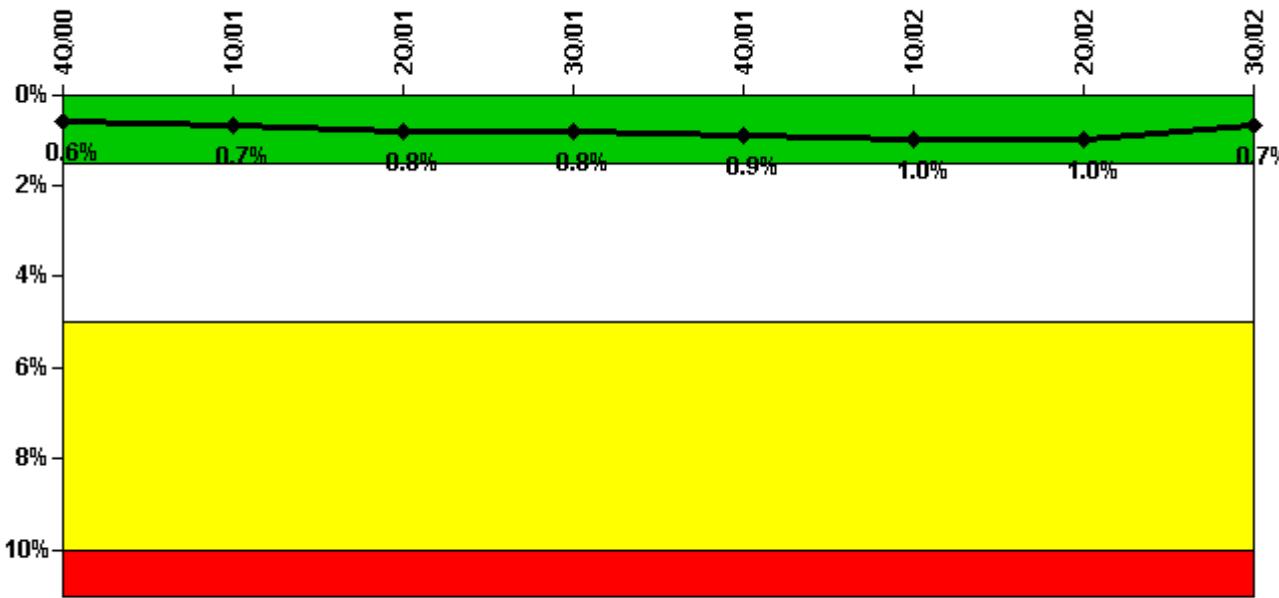
Thresholds under development / review

Notes

Safety System Unavailability, Heat Removal System	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Train 1								
Planned unavailable hours								
Unplanned unavailable hours								
Fault exposure hours								
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours								
Indicator value								

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



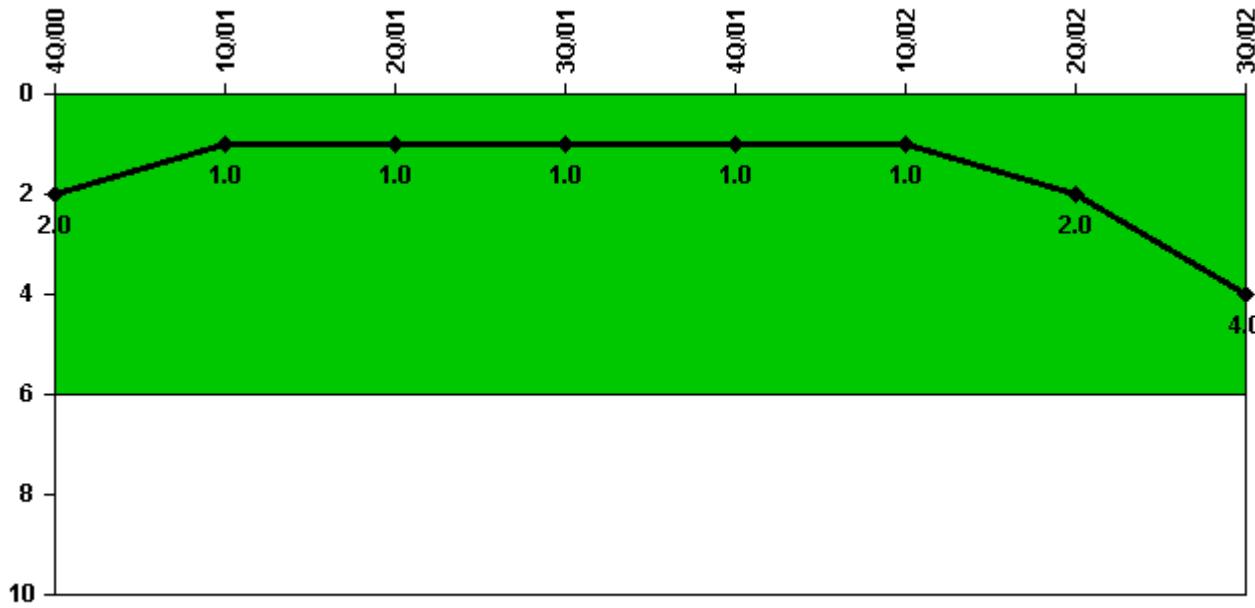
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

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	7.32	47.20	40.03	19.38	0	52.70	3.12	0
Unplanned unavailable hours	0	0	0	12.82	40.65	39.92	21.48	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	2063.08	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	14.07	65.78	0	9.30	0	0	40.98	0
Unplanned unavailable hours	18.87	0	0	0	0	80.05	0	44.97
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	2063.08	2160.00	2183.00	2208.00
Train 3								
Planned unavailable hours	0.58	0	0	0	0	0	0	25.28
Unplanned unavailable hours	0	0	0	1.20	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	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 4								
Planned unavailable hours	0.58	0	0	0	0	0	0	25.28
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	0.6%	0.7%	0.8%	0.8%	0.9%	1.0%	1.0%	0.7%

Licensee Comments: none

Safety System Functional Failures (BWR)



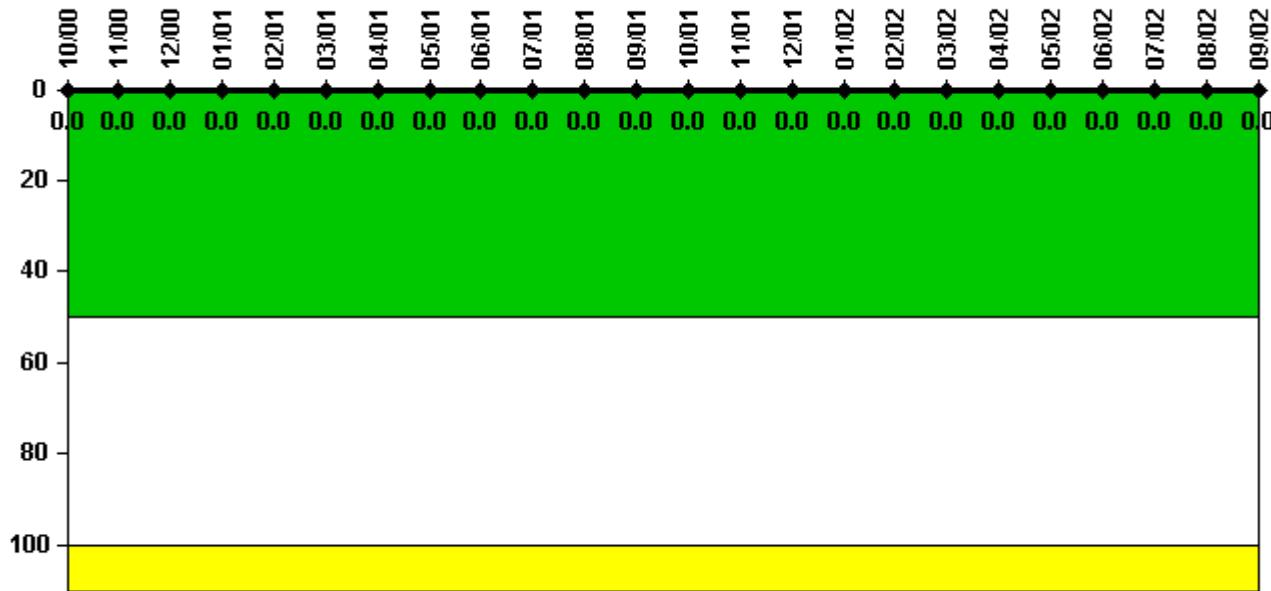
Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



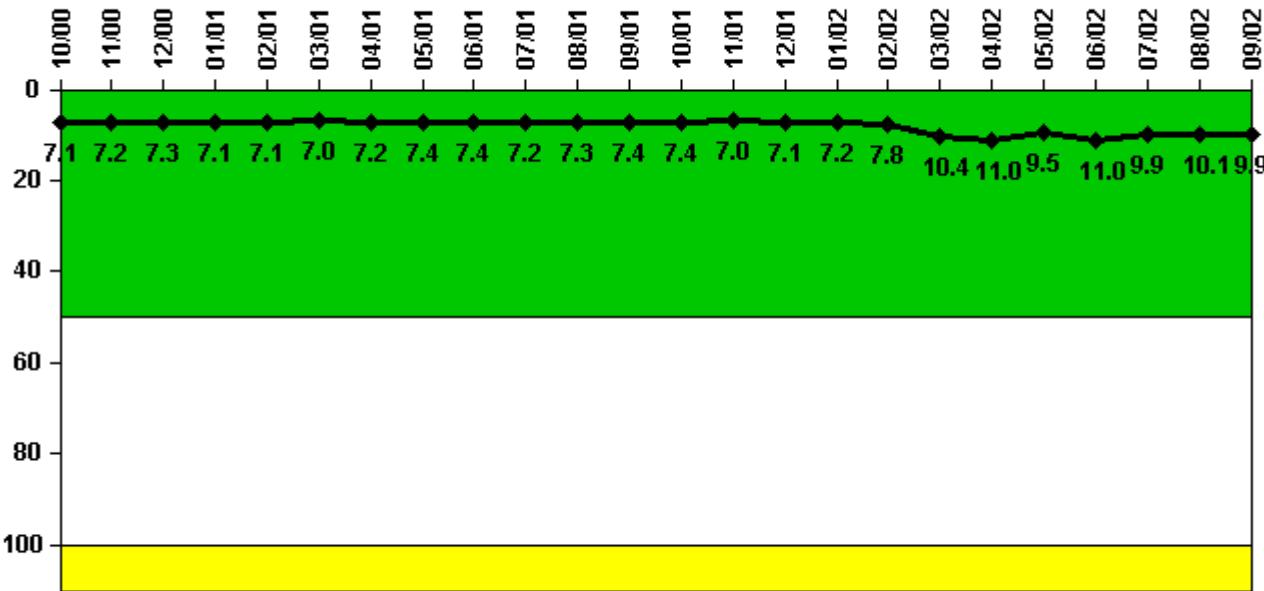
Thresholds: White > 50.0 Yellow > 100.0

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	0.000020	0.000009	0.000015	0.000007	0.000009	0.000015	0.000008	0.000026	0.000018	0.000010	0.000015	0.000015
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02
Maximum activity	0.000011	0.000011	0.000006	0.000006	0.000008	0.000026	0.000004	0.000006	0.000006	0.000008	0.000024	0.000005
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



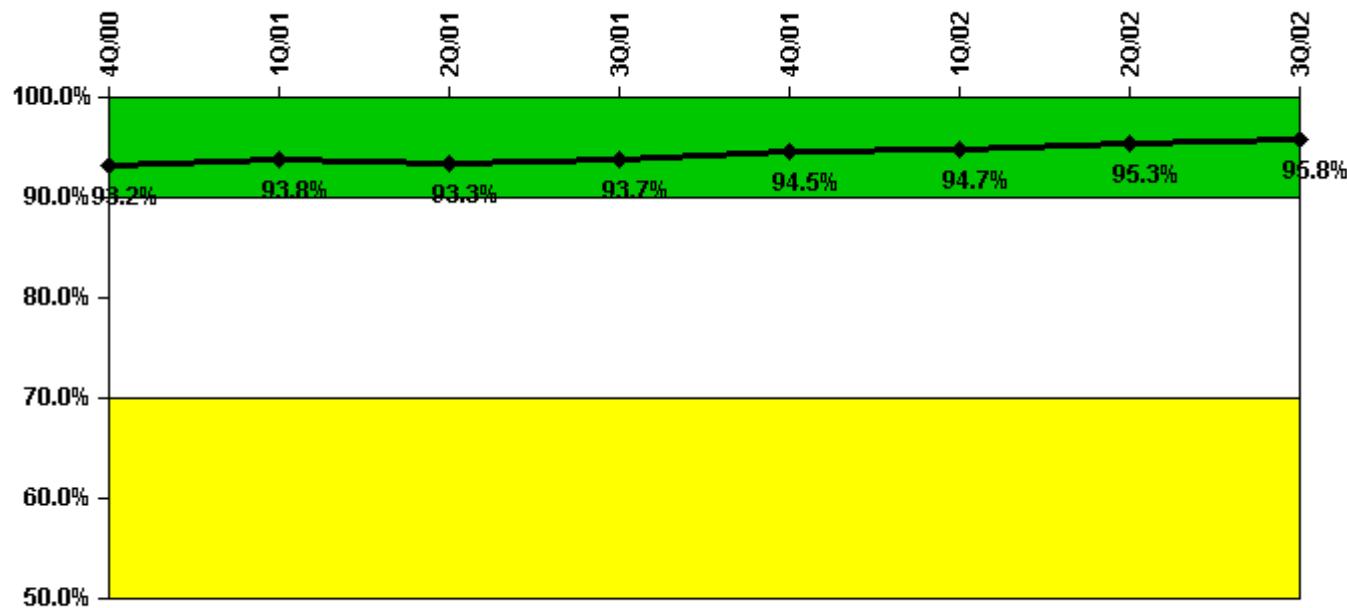
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01
Maximum leakage	1.770	1.800	1.818	1.775	1.768	1.743	1.803	1.850	1.843	1.803	1.822	1.840
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	7.1	7.2	7.3	7.1	7.1	7.0	7.2	7.4	7.4	7.2	7.3	7.4
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	1.840	1.757	1.767	1.795	1.953	2.610	2.750	2.387	2.741	2.483	2.532	2.468
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	7.4	7.0	7.1	7.2	7.8	10.4	11.0	9.5	11.0	9.9	10.1	9.9

Licensee Comments: none

Drill/Exercise Performance



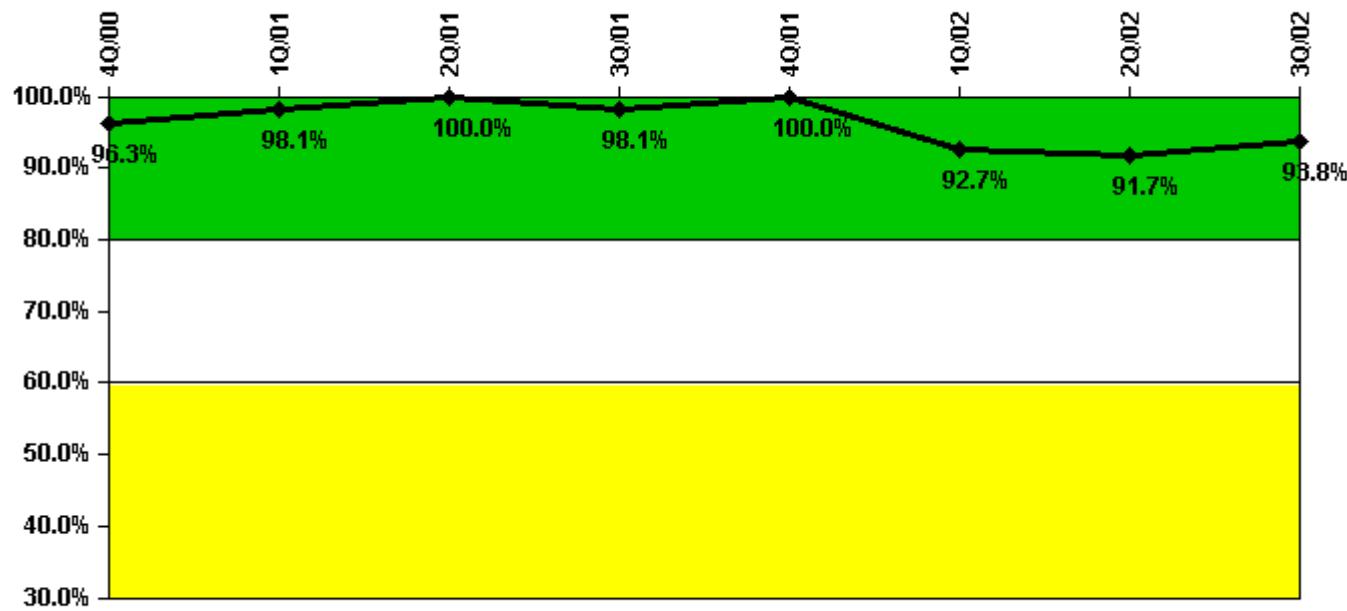
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Successful opportunities	61.0	33.0	12.0	5.0	43.0	14.0	12.0	1.0
Total opportunities	62.0	34.0	14.0	6.0	46.0	14.0	12.0	1.0
Indicator value	93.2%	93.8%	93.3%	93.7%	94.5%	94.7%	95.3%	95.8%

Licensee Comments: none

ERO Drill Participation



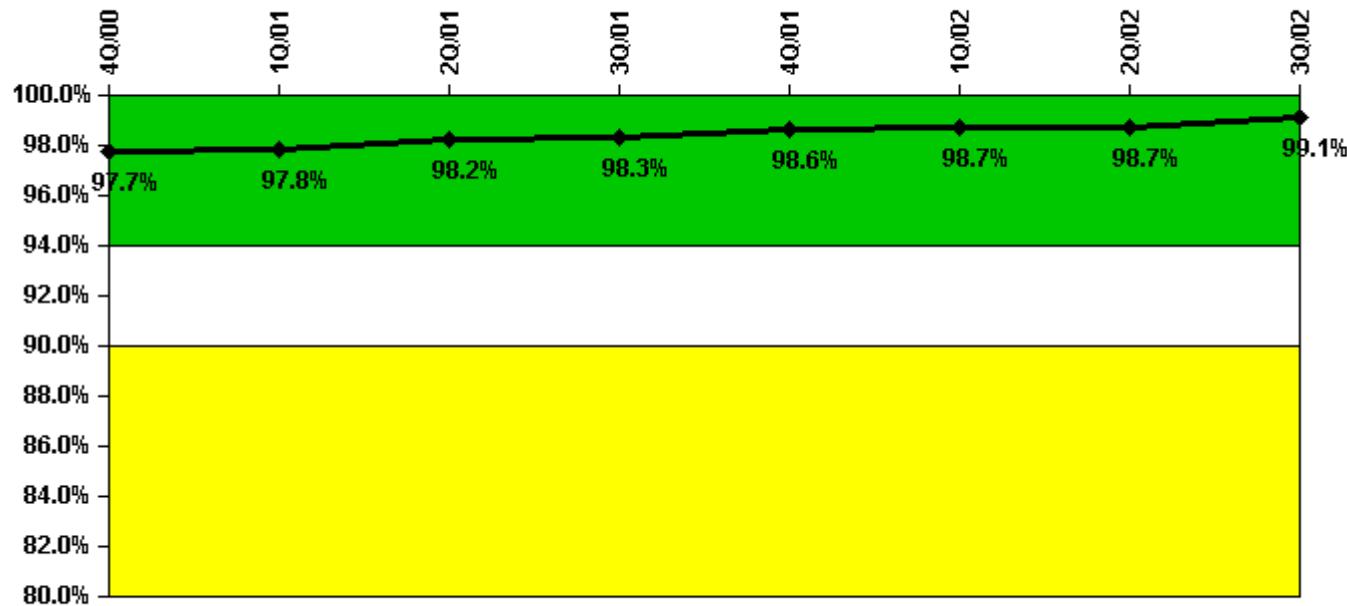
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Participating Key personnel	52.0	52.0	52.0	51.0	45.0	38.0	44.0	45.0
Total Key personnel	54.0	53.0	52.0	52.0	45.0	41.0	48.0	48.0
Indicator value	96.3%	98.1%	100.0%	98.1%	100.0%	92.7%	91.7%	93.8%

Licensee Comments: none

Alert & Notification System



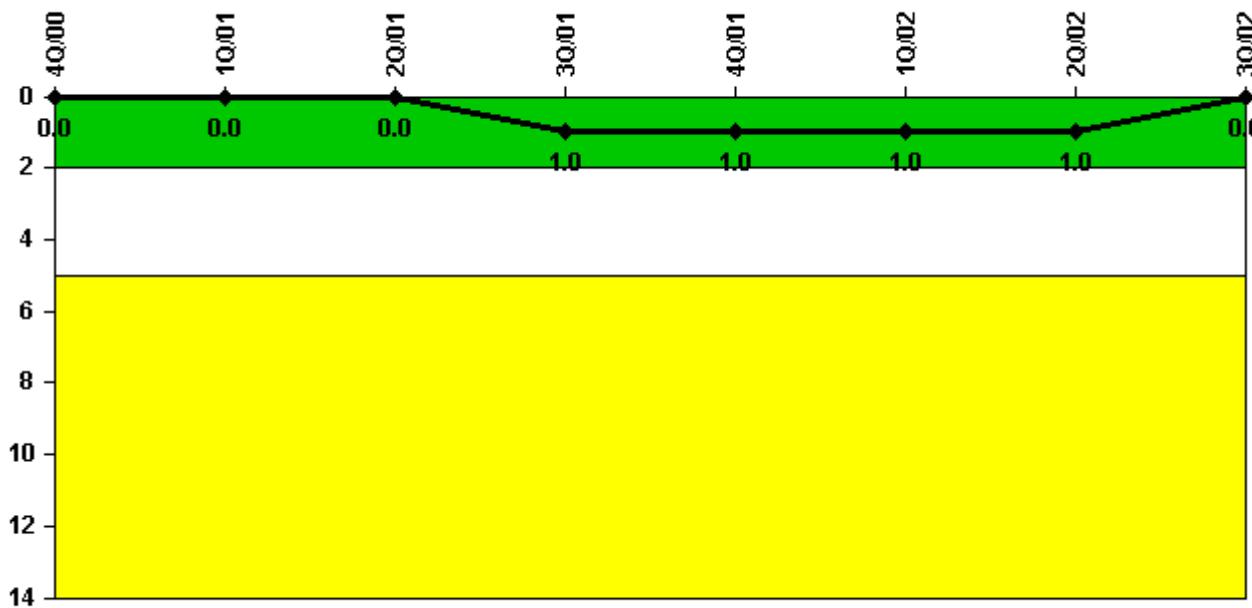
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Successful siren-tests	4877	5213	5207	5121	5020	4923	4979	5035
Total sirens-tests	4977	5293	5293	5214	5056	4977	5056	5056
Indicator value	97.7%	97.8%	98.2%	98.3%	98.6%	98.7%	98.7%	99.1%

Licensee Comments: none

Occupational Exposure Control Effectiveness

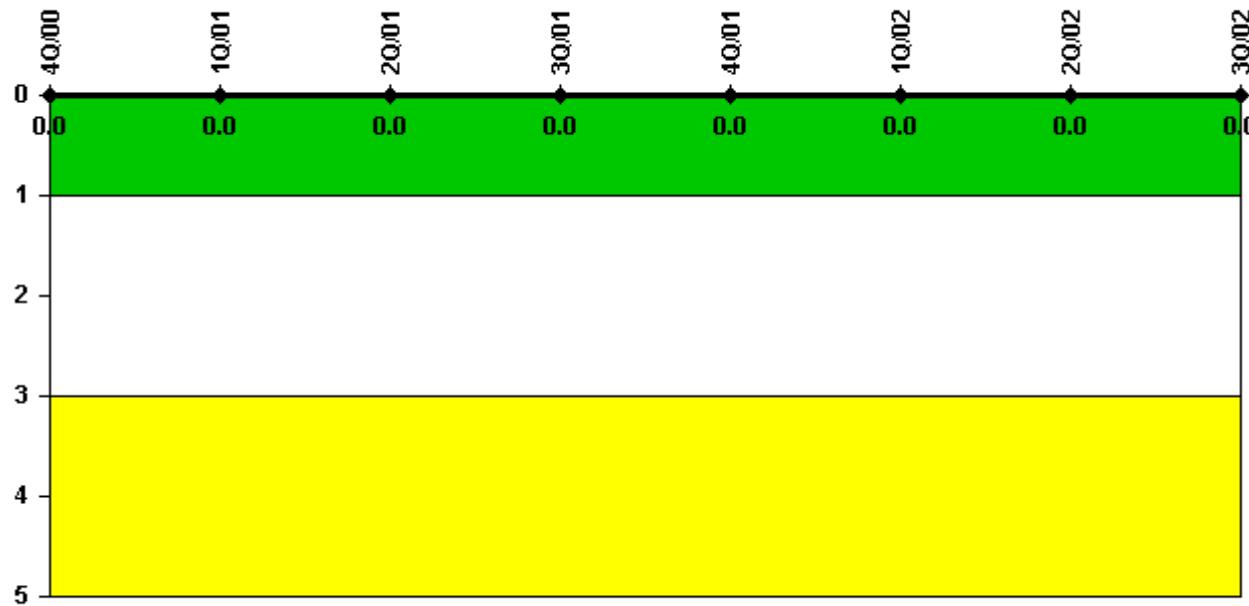


Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

RETS/ODCM Radiological Effluent

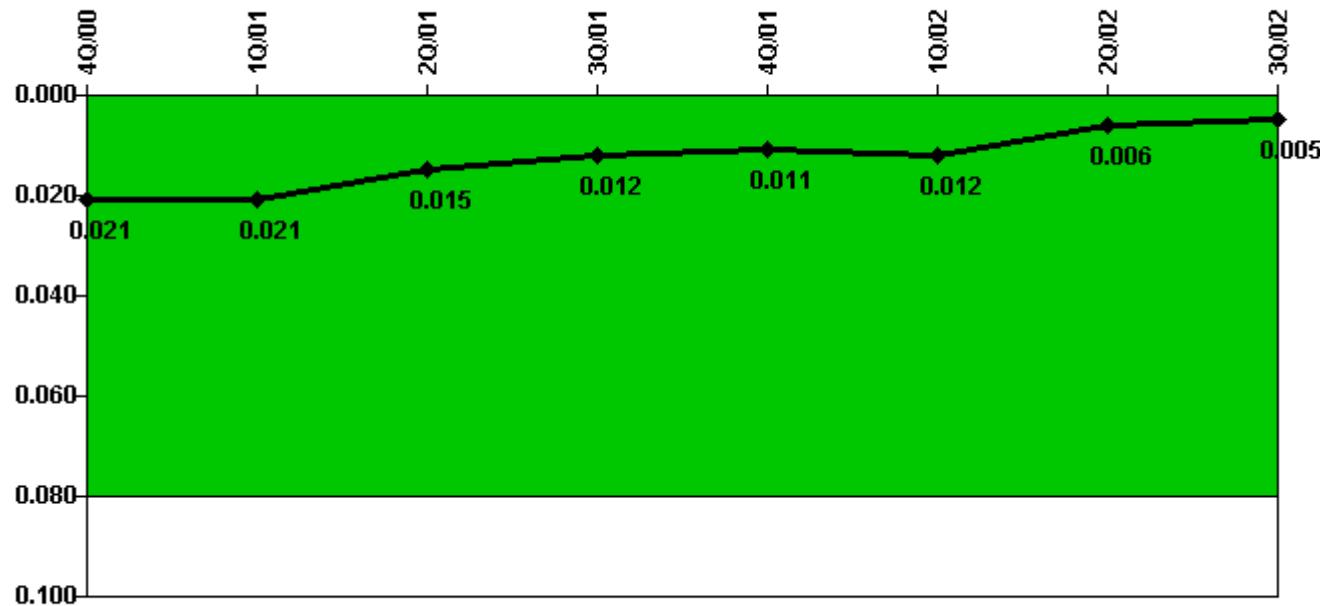
Thresholds: White > 1.0 Yellow > 3.0

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

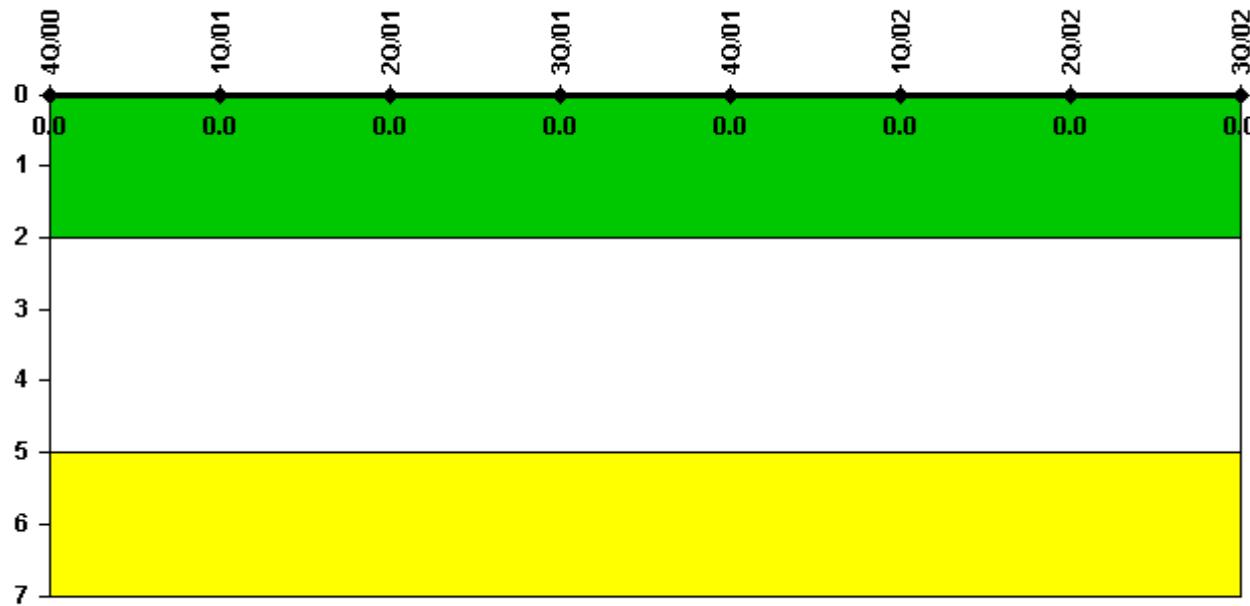


Thresholds: White > 0.080

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	2.17	0	127.63	39.79	1.13	0	27.70	40.60
CCTV compensatory hours	32.3	19.0	31.9	4.9	14.3	24.9	0	0
IDS normalization factor	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.021	0.021	0.015	0.012	0.011	0.012	0.006	0.005

Licensee Comments: none

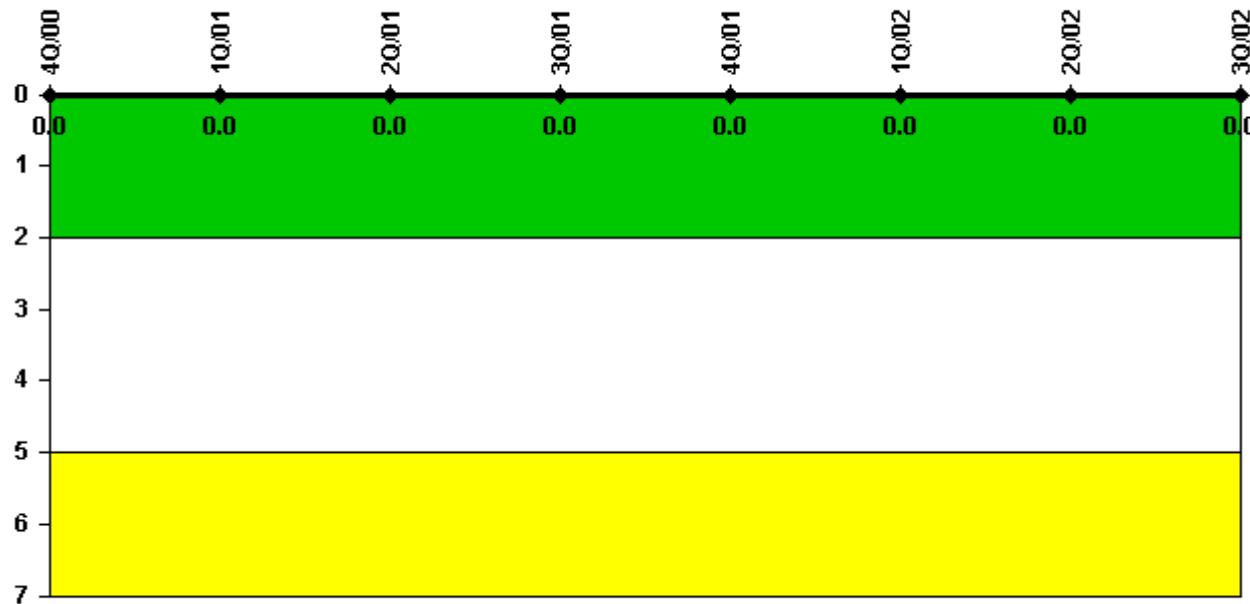
Personnel Screening Program

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	0	0	0	0	0	0	0

Licensee Comments: none



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

Last Modified: October 22, 2002

Dresden 2**4Q/2002 Performance Indicators**

Licensee's General Comments: none

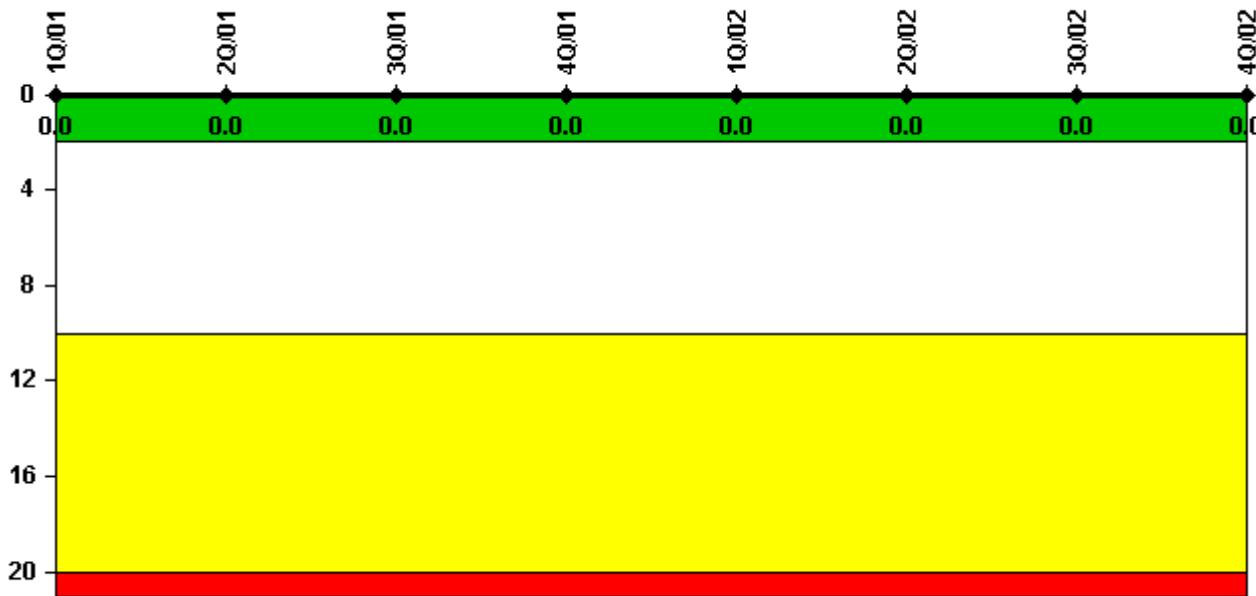
Unplanned Scrams per 7000 Critical Hrs

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	1.0	0	0	0	0
Critical hours	2160.0	2120.7	2042.0	1786.8	2160.0	2183.0	2208.0	2209.0
Indicator value	0.8	1.6	1.6	1.7	1.7	0.9	0.8	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

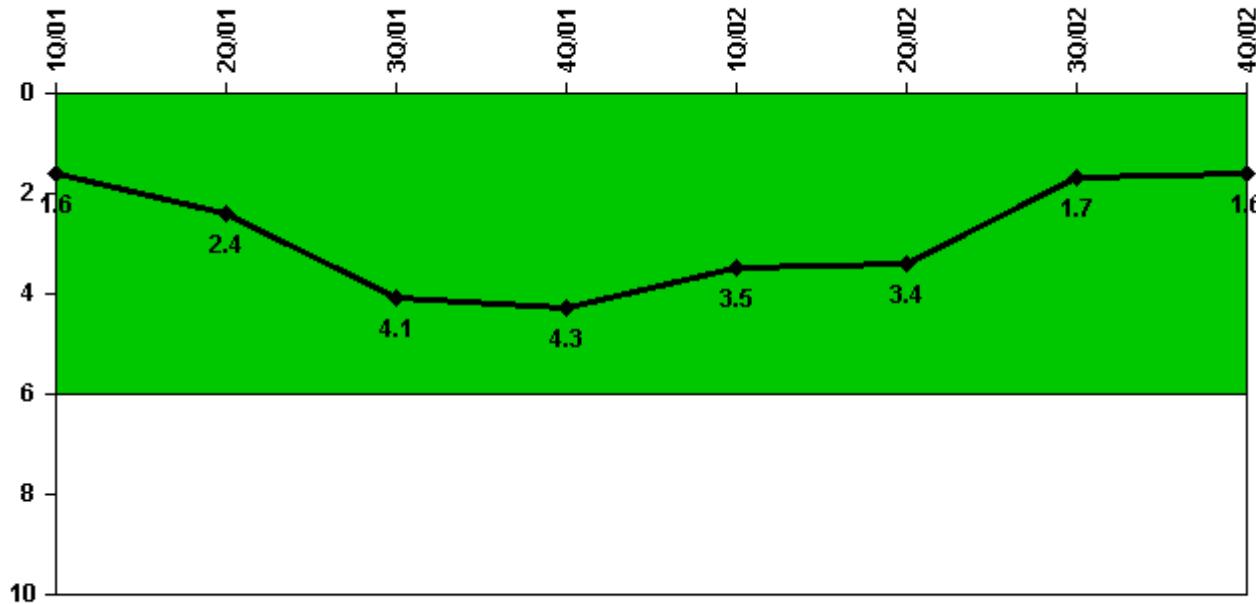
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



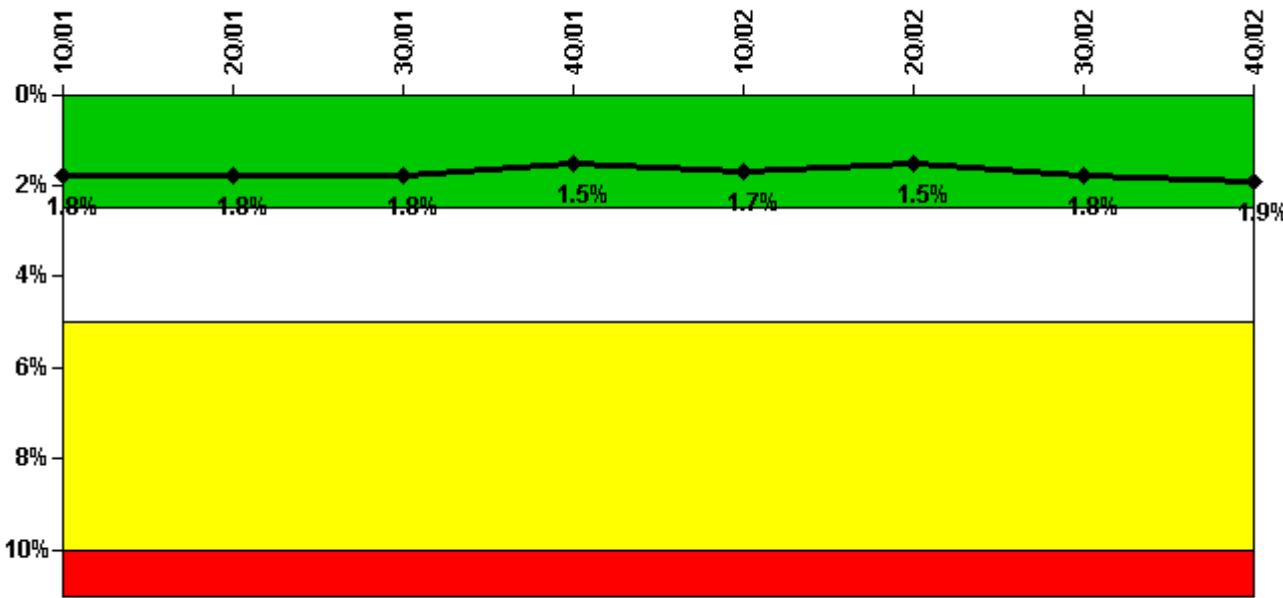
Thresholds: White > 6.0

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	1.0	1.0	3.0	0	0	1.0	1.0	0
Critical hours	2160.0	2120.7	2042.0	1786.8	2160.0	2183.0	2208.0	2209.0
Indicator value	1.6	2.4	4.1	4.3	3.5	3.4	1.7	1.6

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	88.90	10.98	13.25	8.88	11.78	24.37	14.61	49.90
Unplanned unavailable hours	26.90	0	0	0	0	0	141.90	0.35
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	35.27	71.38	21.17	9.24	107.35	7.33	66.52	8.59
Unplanned unavailable hours	0	2.80	0	0	0	1.00	3.27	5.67
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Indicator value	1.8%	1.8%	1.8%	1.5%	1.7%	1.5%	1.8%	1.9%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)



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

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Train 1								
Planned unavailable hours	45.25	17.50	6.97	0.48	104.00	32.51	39.50	25.93
Unplanned unavailable hours	0.38	0	0	0	0	0	0	4.18
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	2120.65	2041.98	1786.75	2160.00	2183.00	2208.00	2209.00
Indicator value	1.9%	1.7%	1.6%	1.5%	1.9%	1.9%	1.7%	1.8%

Licensee Comments: none

Safety System Unavailability, Heat Removal System

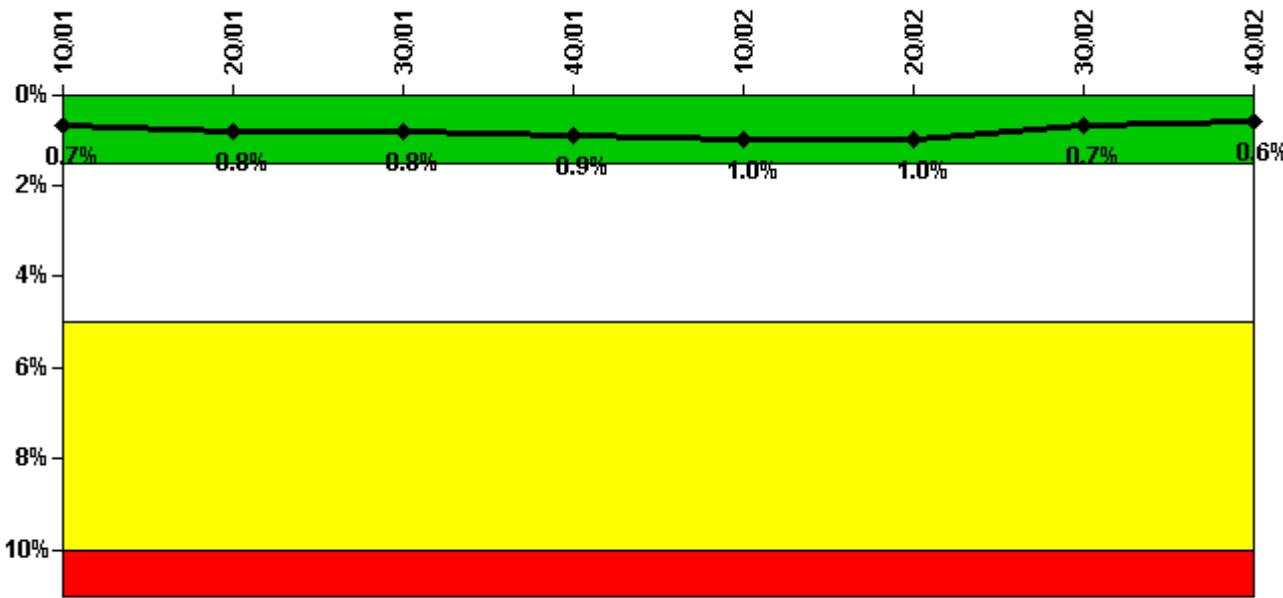
Thresholds under development / review

Notes

Safety System Unavailability, Heat Removal System	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Train 1								
Planned unavailable hours								
Unplanned unavailable hours								
Fault exposure hours								
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours								
Indicator value								

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



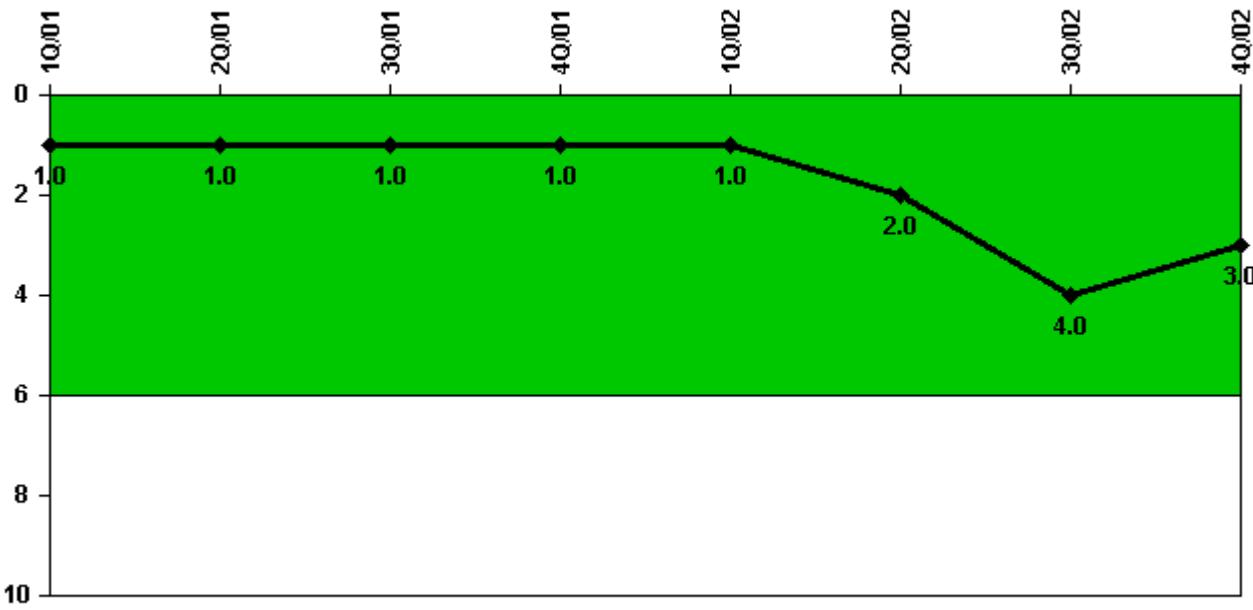
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

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	47.20	40.03	19.38	0	52.70	3.12	0	0
Unplanned unavailable hours	0	0	12.82	40.65	39.92	21.48	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	2063.08	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	65.78	0	9.30	0	0	40.98	0	0
Unplanned unavailable hours	0	0	0	0	80.05	0	44.97	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2063.08	2160.00	2183.00	2208.00	2209.00
Train 3								
Planned unavailable hours	0	0	0	0	0	0	25.28	0
Unplanned unavailable hours	0	0	1.20	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 4								
Planned unavailable hours	0	0	0	0	0	0	25.28	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	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Indicator value	0.7%	0.8%	0.8%	0.9%	1.0%	1.0%	0.7%	0.6%

Licensee Comments: none

Safety System Functional Failures (BWR)



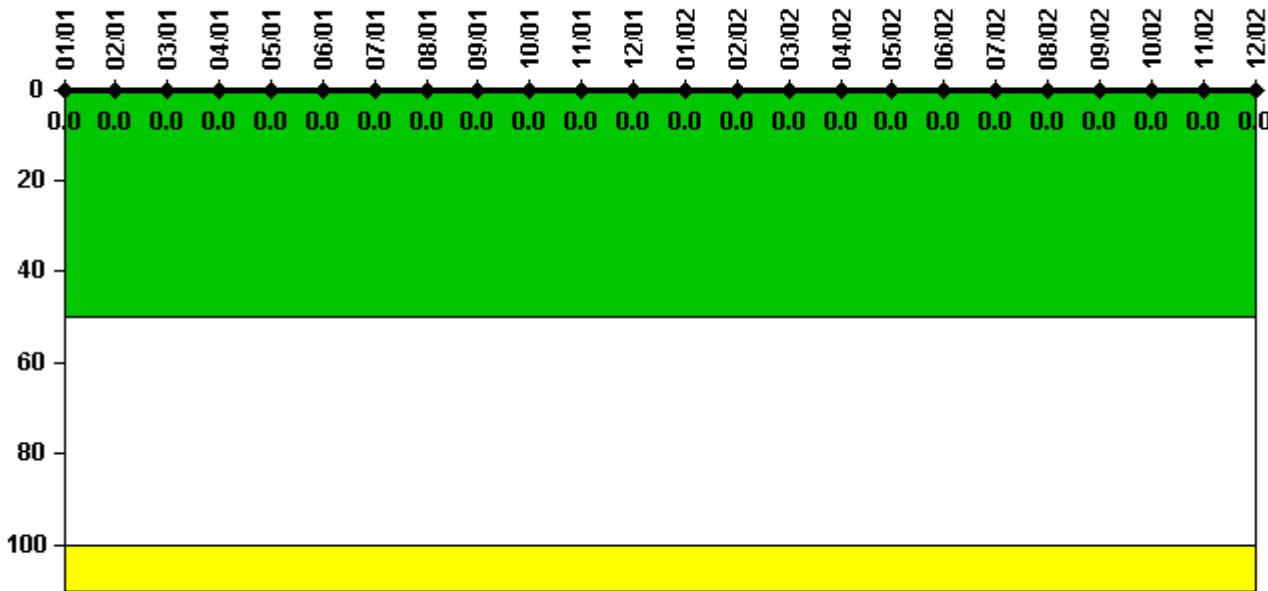
Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

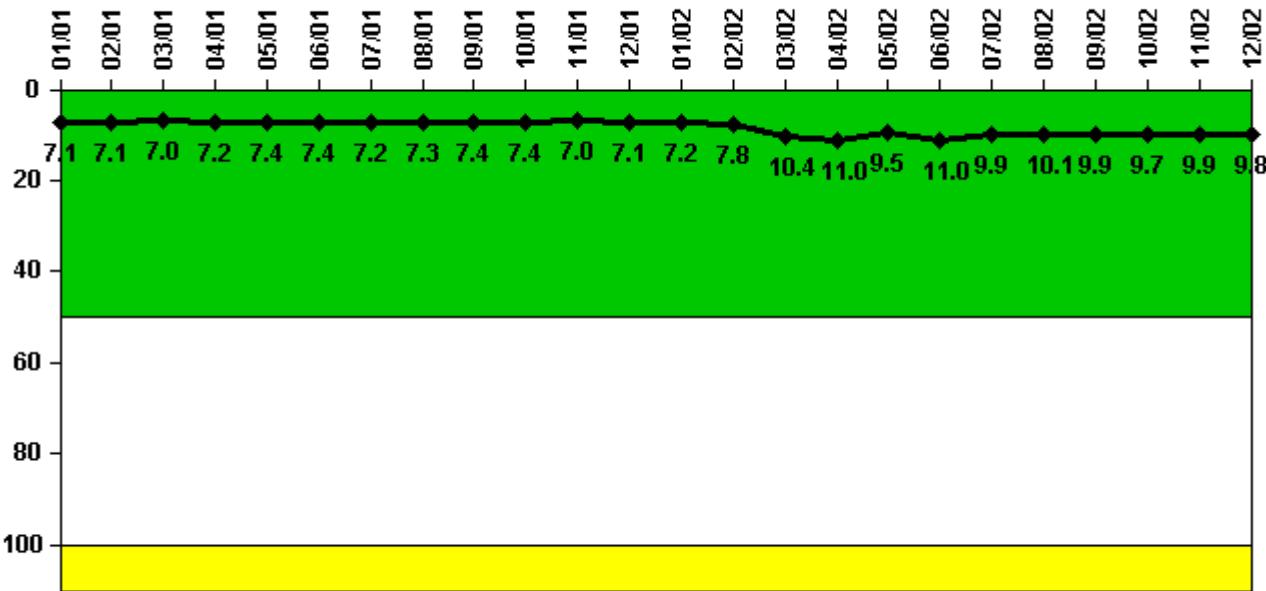
Notes

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	0.000007	0.000009	0.000015	0.000008	0.000026	0.000018	0.000010	0.000015	0.000015	0.000011	0.000011	0.000006
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

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	0.000006	0.000008	0.000026	0.000004	0.000006	0.000006	0.000008	0.000024	0.000005	0.000006	0.000005	0.000029
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

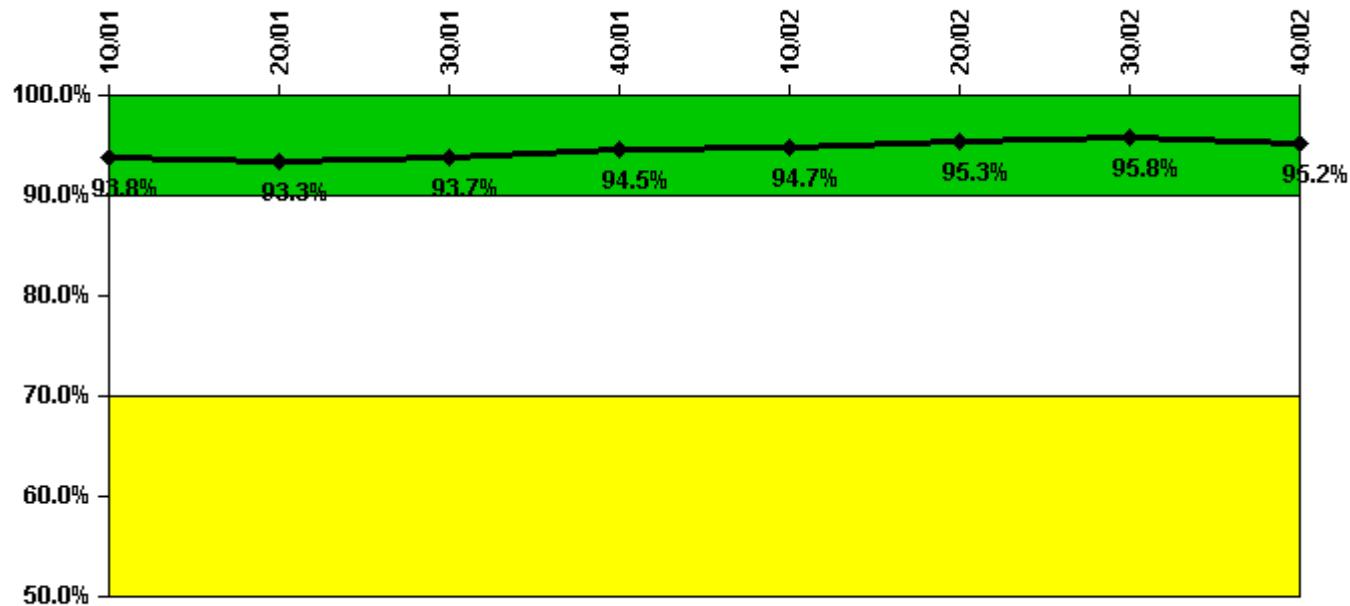
Notes

Reactor Coolant System Leakage	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01
Maximum leakage	1.775	1.768	1.743	1.803	1.850	1.843	1.803	1.822	1.840	1.840	1.757	1.767
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	7.1	7.1	7.0	7.2	7.4	7.4	7.2	7.3	7.4	7.4	7.0	7.1

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	1.795	1.953	2.610	2.750	2.387	2.741	2.483	2.532	2.468	2.433	2.485	2.457
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	7.2	7.8	10.4	11.0	9.5	11.0	9.9	10.1	9.9	9.7	9.9	9.8

Licensee Comments: none

Drill/Exercise Performance



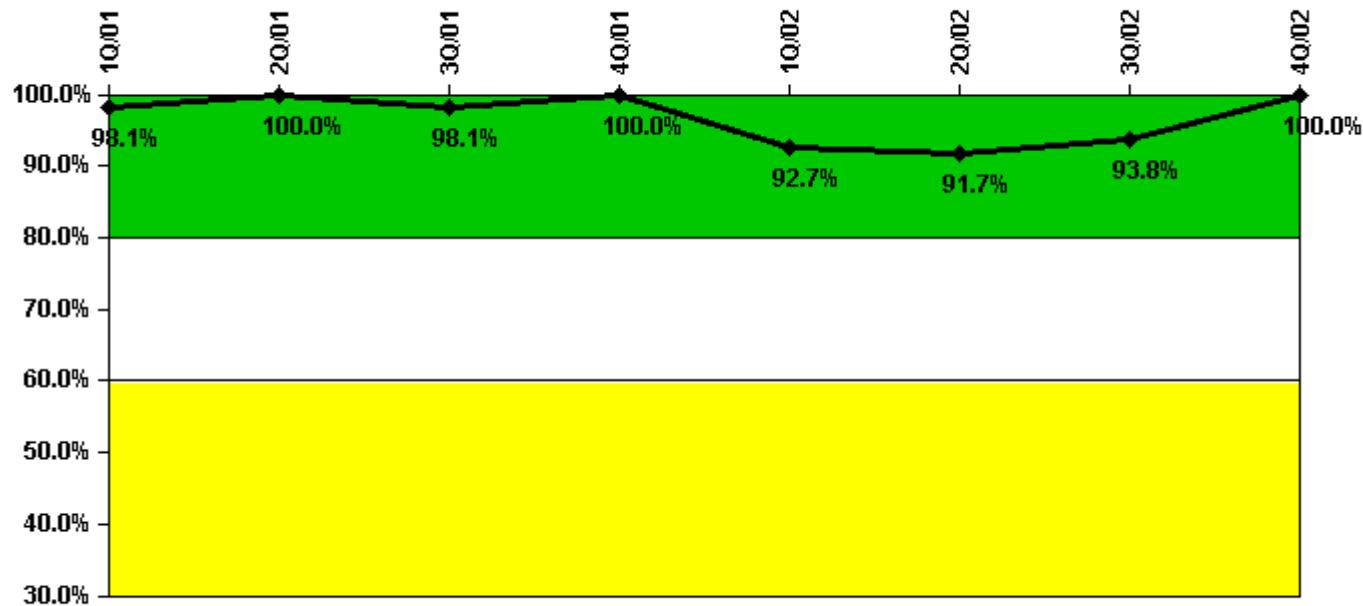
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Successful opportunities	33.0	12.0	5.0	43.0	14.0	12.0	1.0	39.0
Total opportunities	34.0	14.0	6.0	46.0	14.0	12.0	1.0	40.0
Indicator value	93.8%	93.3%	93.7%	94.5%	94.7%	95.3%	95.8%	95.2%

Licensee Comments: none

ERO Drill Participation



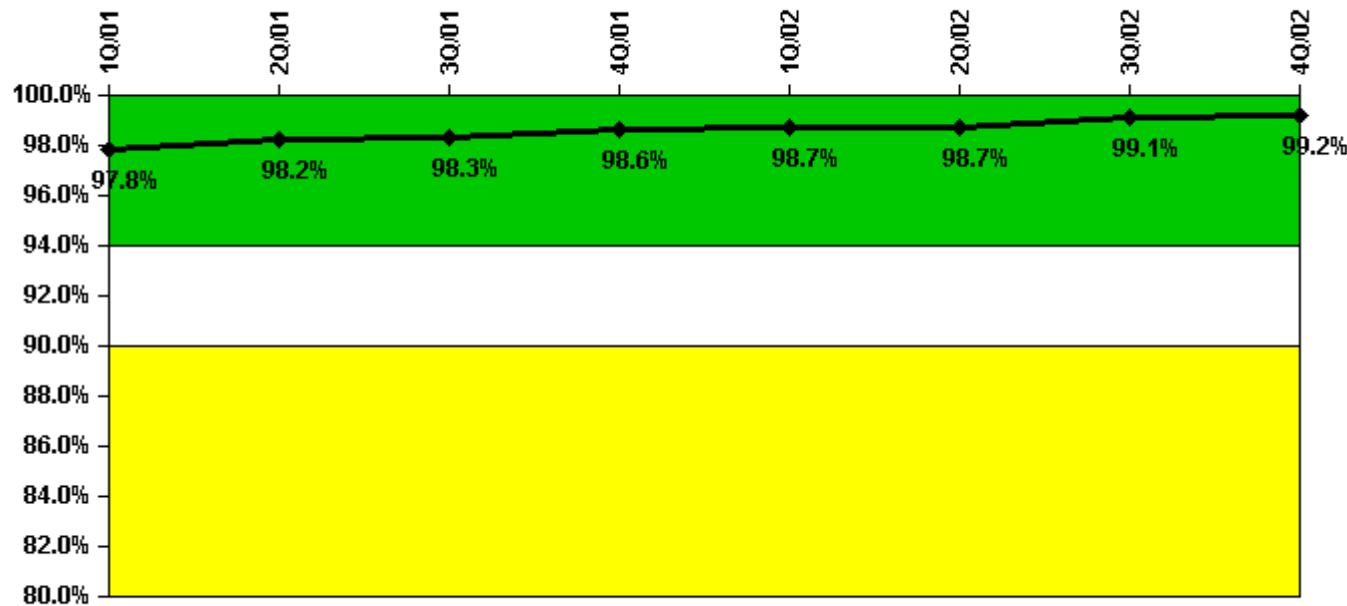
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Participating Key personnel	52.0	52.0	51.0	45.0	38.0	44.0	45.0	47.0
Total Key personnel	53.0	52.0	52.0	45.0	41.0	48.0	48.0	47.0
Indicator value	98.1%	100.0%	98.1%	100.0%	92.7%	91.7%	93.8%	100.0%

Licensee Comments: none

Alert & Notification System

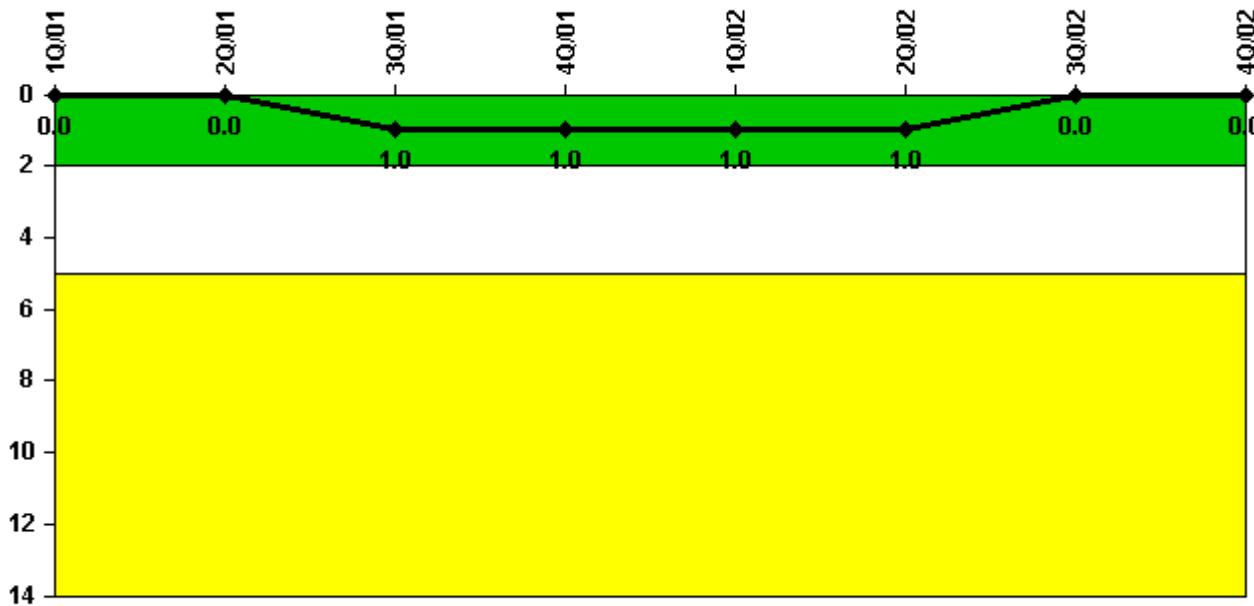


Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Successful siren-tests	5213	5207	5121	5020	4923	4979	5035	5047
Total sirens-tests	5293	5293	5214	5056	4977	5056	5056	5056
Indicator value	97.8%	98.2%	98.3%	98.6%	98.7%	98.7%	99.1%	99.2%

Licensee Comments: none

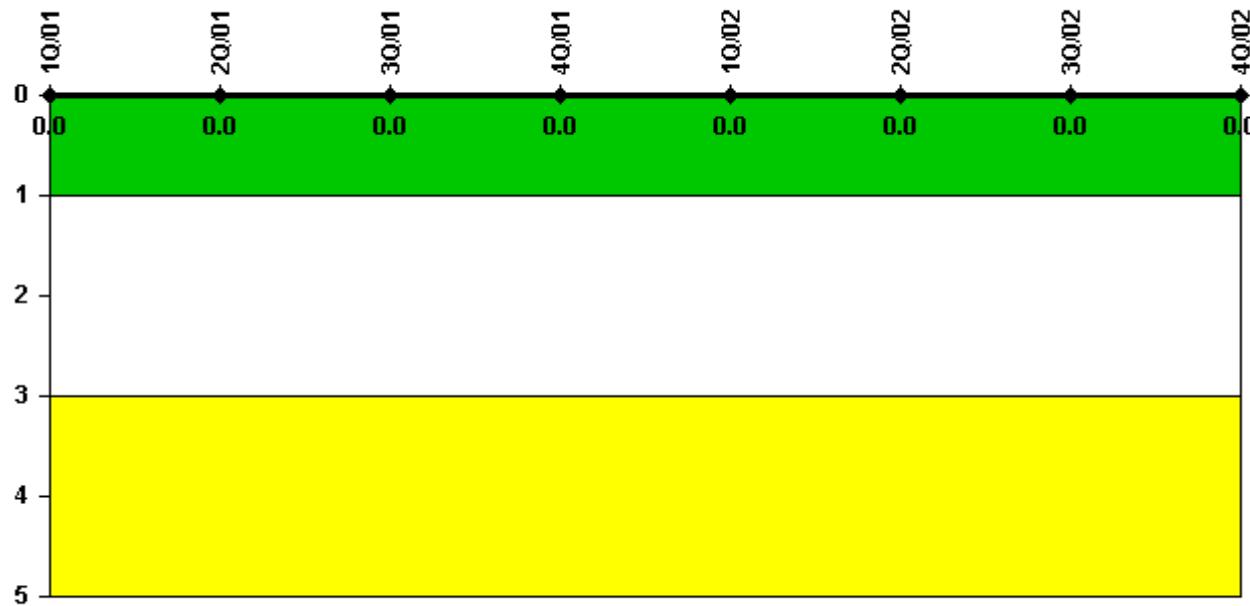
Occupational Exposure Control Effectiveness

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	1	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	1	1	1	1	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent

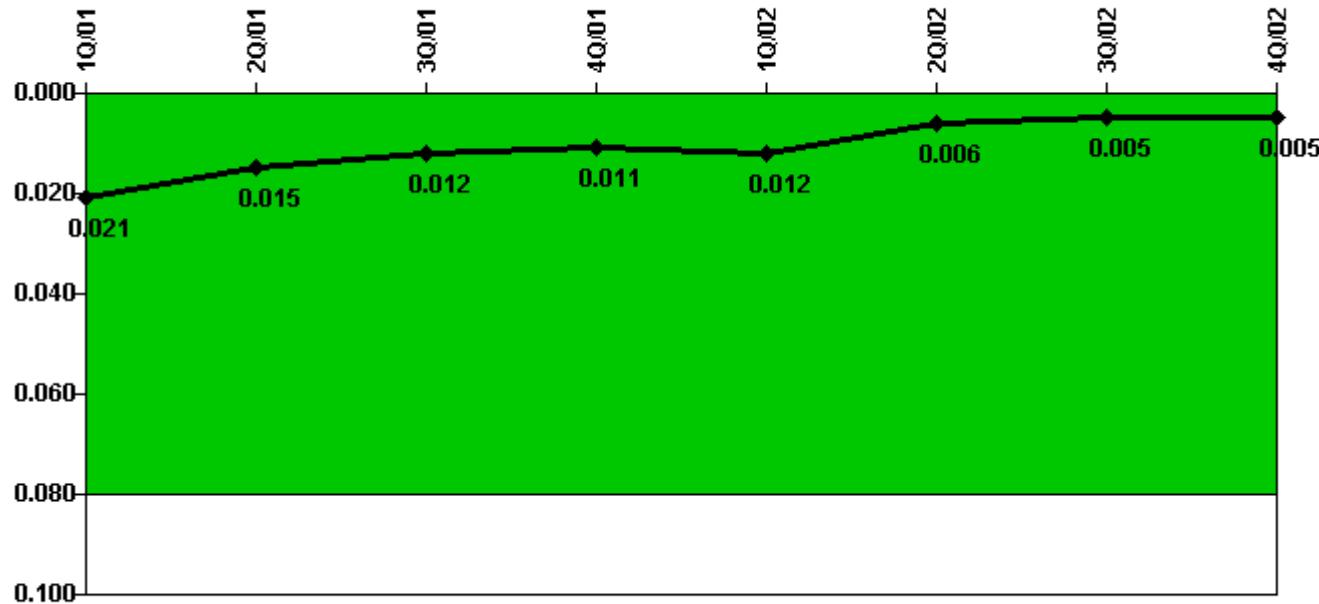
Thresholds: White > 1.0 Yellow > 3.0

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



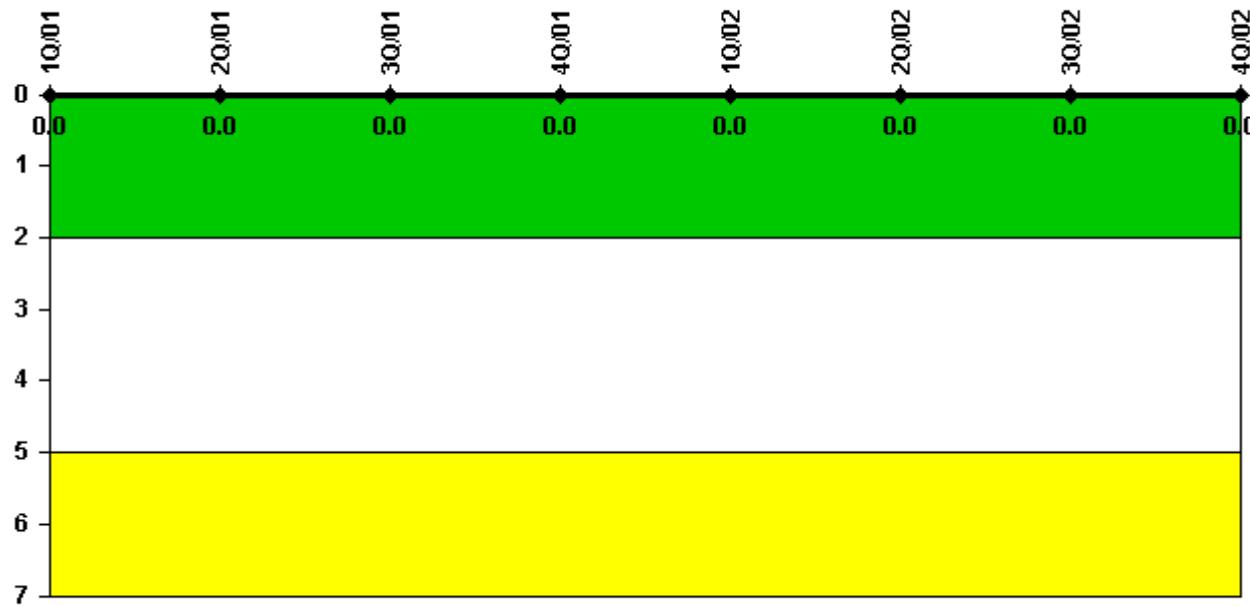
Thresholds: White > 0.080

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	0	127.63	39.79	1.13	0	27.70	40.60	8.30
CCTV compensatory hours	19.0	31.9	4.9	14.3	24.9	0	0	6.2
IDS normalization factor	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.021	0.015	0.012	0.011	0.012	0.006	0.005	0.005

Licensee Comments: none

Personnel Screening Program

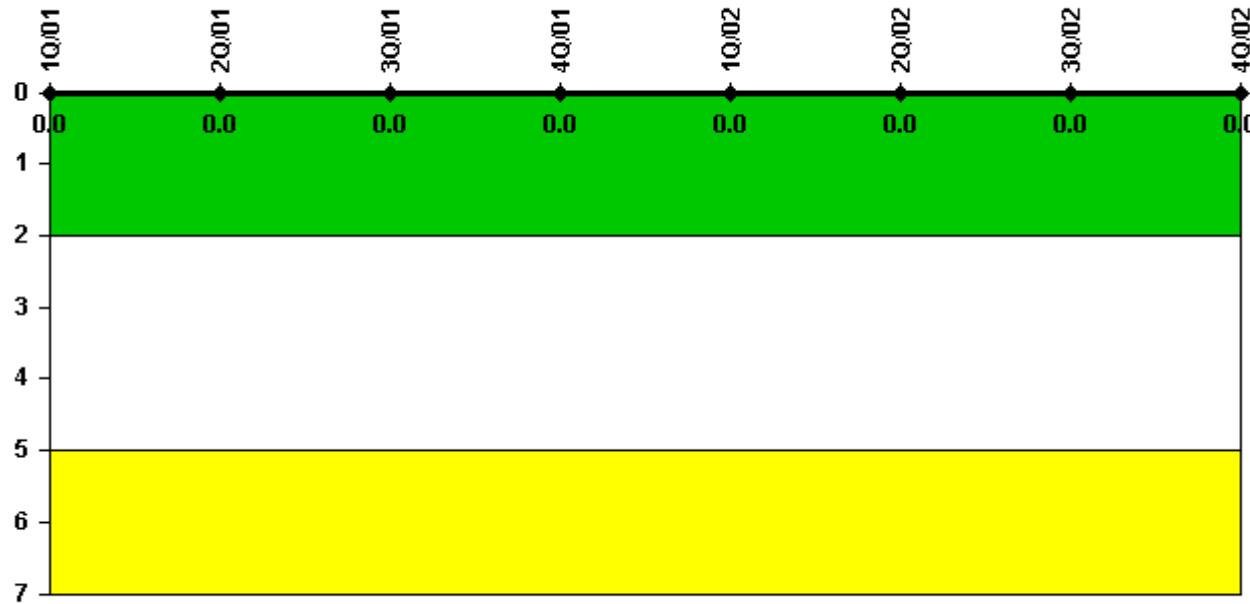


Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

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](#)

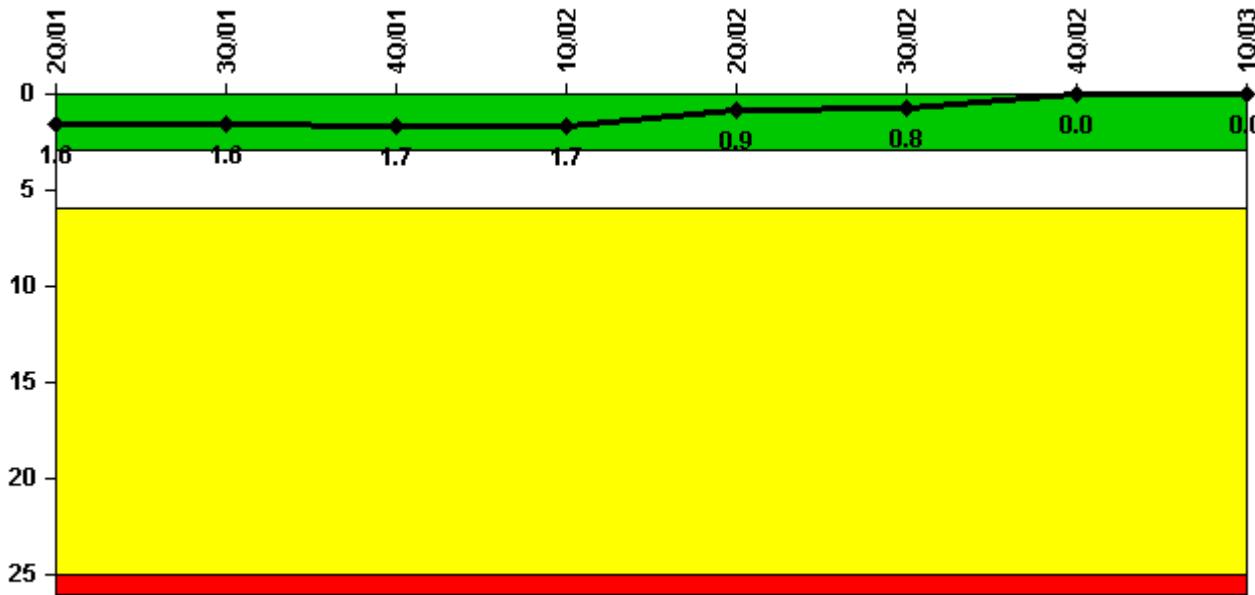
Last Modified: January 30, 2003

Dresden 2

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	1.0	0	0	0	0	0
Critical hours	2120.7	2042.0	1786.8	2160.0	2183.0	2208.0	2209.0	2160.0
Indicator value	1.6	1.6	1.7	1.7	0.9	0.8	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

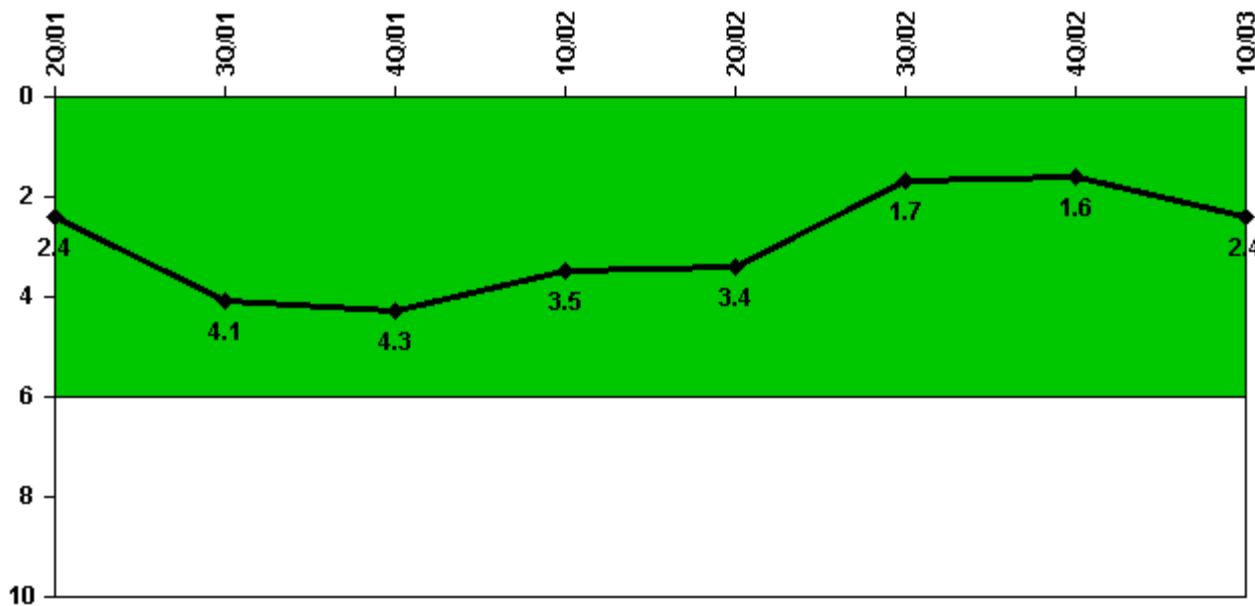
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



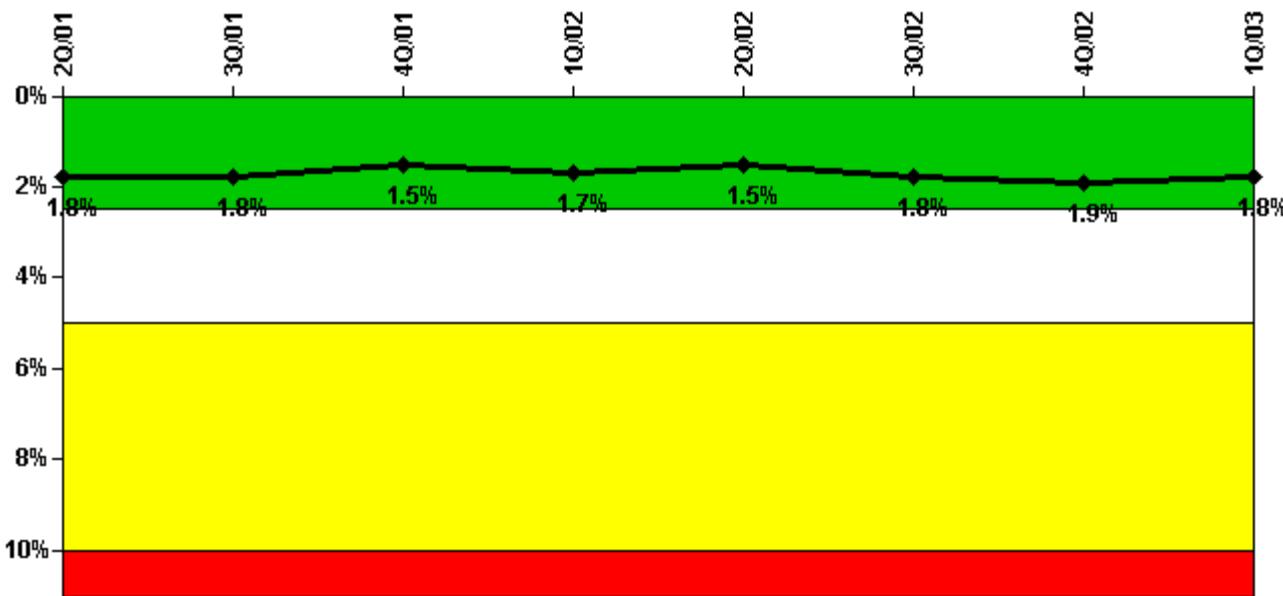
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Unplanned power changes	1.0	3.0	0	0	1.0	1.0	0	1.0
Critical hours	2120.7	2042.0	1786.8	2160.0	2183.0	2208.0	2209.0	2160.0
Indicator value	2.4	4.1	4.3	3.5	3.4	1.7	1.6	2.4

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



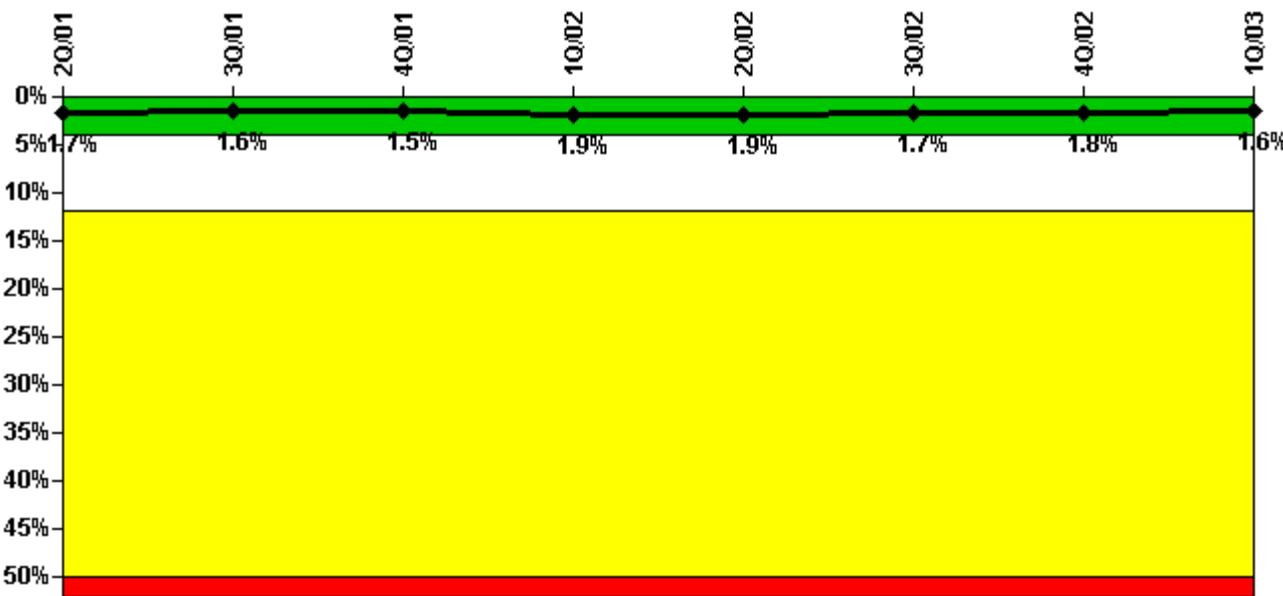
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

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	10.98	13.25	8.88	11.78	24.37	14.61	49.90	21.47
Unplanned unavailable hours	0	0	0	0	0	141.90	0.35	15.75
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	71.38	21.17	9.24	107.35	7.33	66.52	8.59	6.50
Unplanned unavailable hours	2.80	0	0	0	1.00	3.27	5.67	4.23
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Indicator value	1.8%	1.8%	1.5%	1.7%	1.5%	1.8%	1.9%	1.8%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)



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

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Train 1								
Planned unavailable hours	17.50	6.97	0.48	104.00	32.51	39.50	25.93	102.98
Unplanned unavailable hours	0	0	0	0	0	0	4.18	10.53
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2120.65	2041.98	1786.75	2160.00	2183.00	2208.00	2209.00	2160.00
Indicator value	1.7%	1.6%	1.5%	1.9%	1.9%	1.7%	1.8%	1.6%

Licensee Comments: none

Safety System Unavailability, Heat Removal System

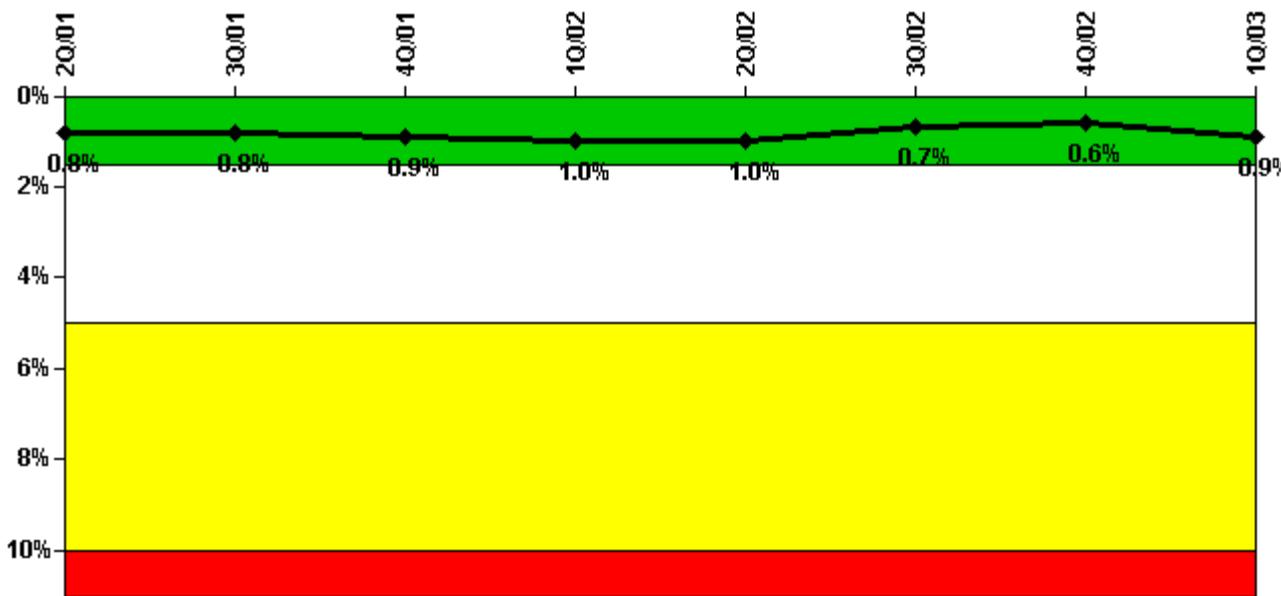
Thresholds under development / review

Notes

Safety System Unavailability, Heat Removal System	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Train 1								
Planned unavailable hours								
Unplanned unavailable hours								
Fault exposure hours								
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours								
Indicator value								

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



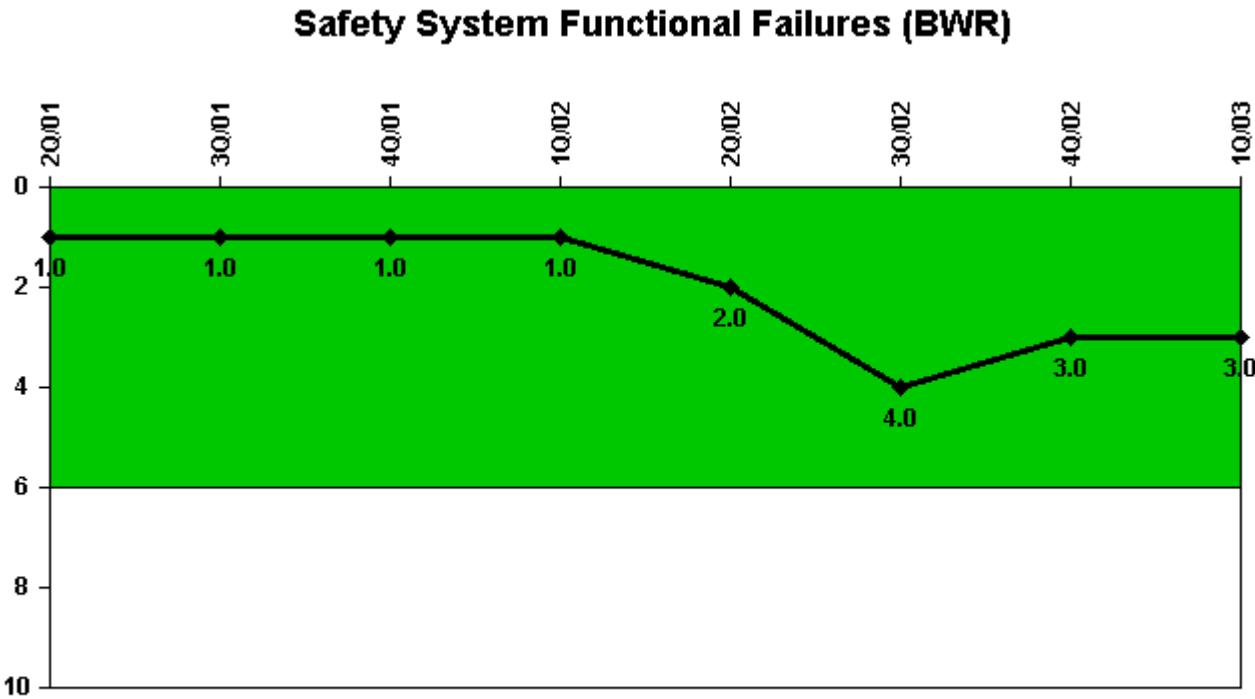
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

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	40.03	19.38	0	52.70	3.12	0	0	125.72
Unplanned unavailable hours	0	12.82	40.65	39.92	21.48	0	0	1.97
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2063.08	2160.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	0	9.30	0	0	40.98	0	0	113.92
Unplanned unavailable hours	0	0	0	80.05	0	44.97	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2063.08	2160.00	2183.00	2208.00	2209.00	2160.00
Train 3								
Planned unavailable hours	0	0	0	0	0	25.28	0	0
Unplanned unavailable hours	0	1.20	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Train 4								
Planned unavailable hours	0	0	0	0	0	25.28	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	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00

Indicator value	0.8%	0.8%	0.9%	1.0%	1.0%	0.7%	0.6%	0.9%
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Licensee Comments: none



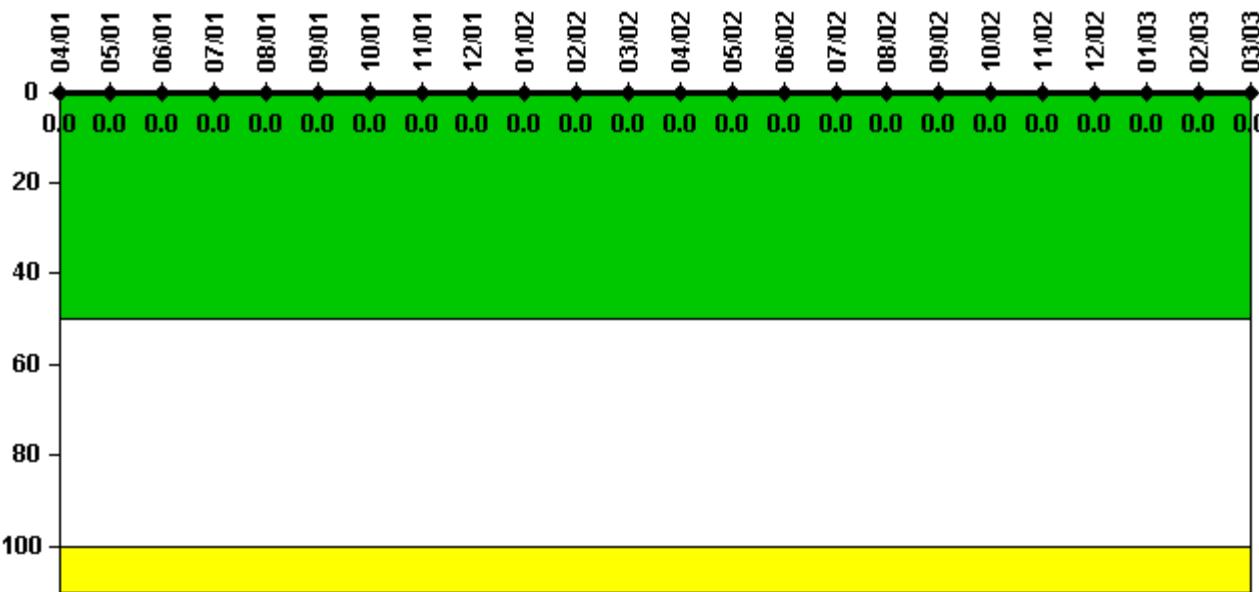
Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



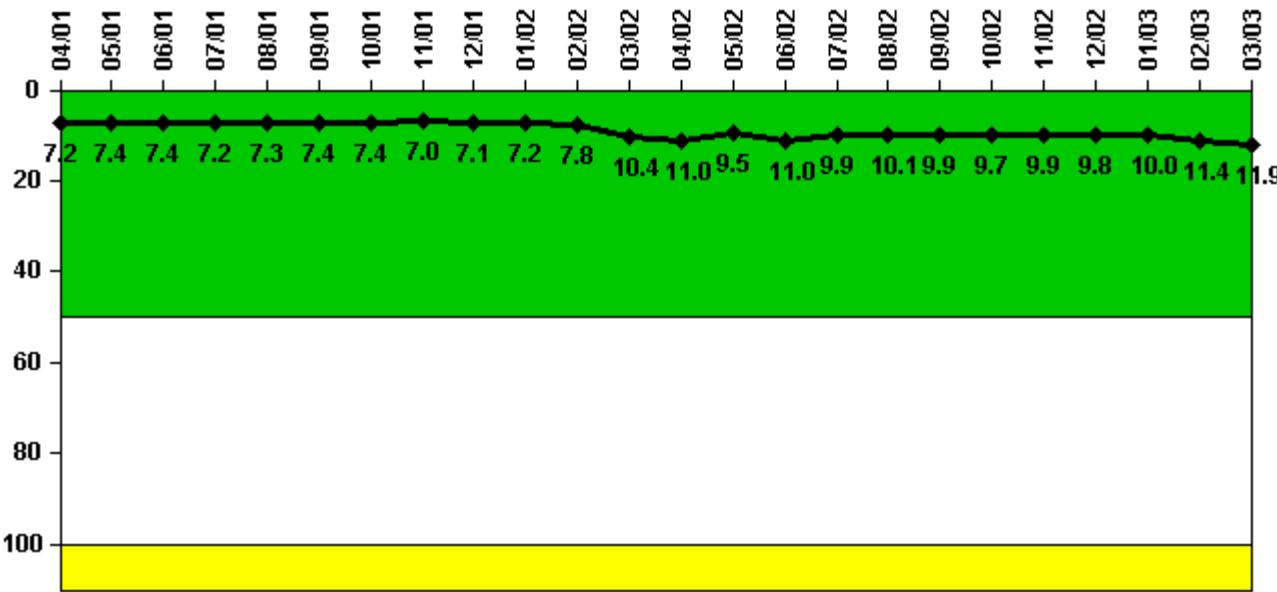
Thresholds: White > 50.0 Yellow > 100.0

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	0.000008	0.000026	0.000018	0.000010	0.000015	0.000015	0.000011	0.000011	0.000006	0.000006	0.000008	0.000026
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
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	0.000004	0.000006	0.000006	0.000008	0.000024	0.000005	0.000006	0.000005	0.000029	0.000006	0.000006	0.000006
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

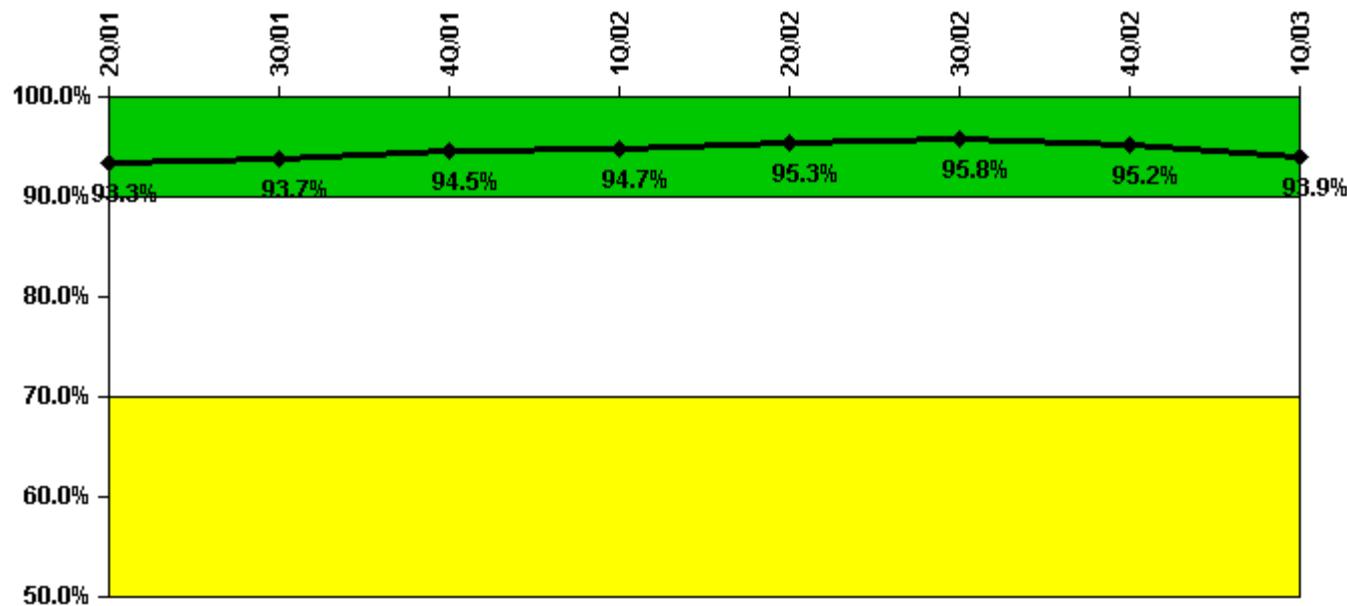
Notes

Reactor Coolant System Leakage	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02
Maximum leakage	1.803	1.850	1.843	1.803	1.822	1.840	1.840	1.757	1.767	1.795	1.953	2.610
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	7.2	7.4	7.4	7.2	7.3	7.4	7.4	7.0	7.1	7.2	7.8	10.4

Reactor Coolant System Leakage	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03
Maximum leakage	2.750	2.387	2.741	2.483	2.532	2.468	2.433	2.485	2.457	2.505	2.853	2.987
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	11.0	9.5	11.0	9.9	10.1	9.9	9.7	9.9	9.8	10.0	11.4	11.9

Licensee Comments: none

Drill/Exercise Performance



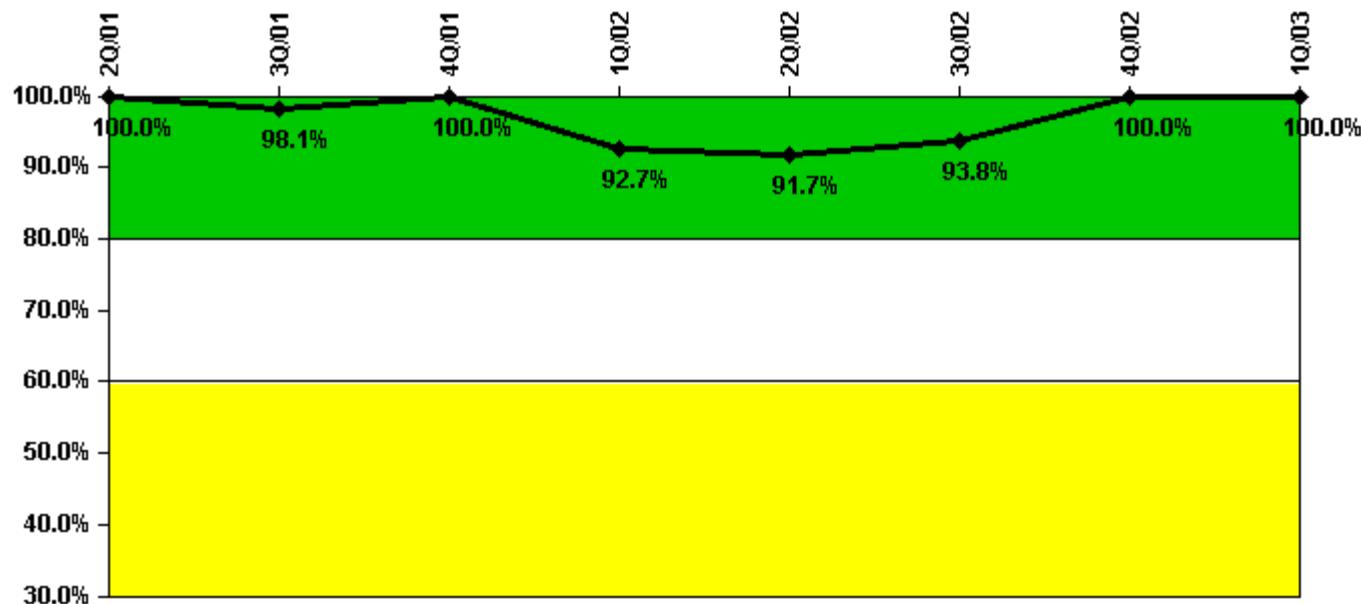
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Successful opportunities	12.0	5.0	43.0	14.0	12.0	1.0	39.0	27.0
Total opportunities	14.0	6.0	46.0	14.0	12.0	1.0	40.0	30.0
Indicator value	93.3%	93.7%	94.5%	94.7%	95.3%	95.8%	95.2%	93.9%

Licensee Comments: none

ERO Drill Participation



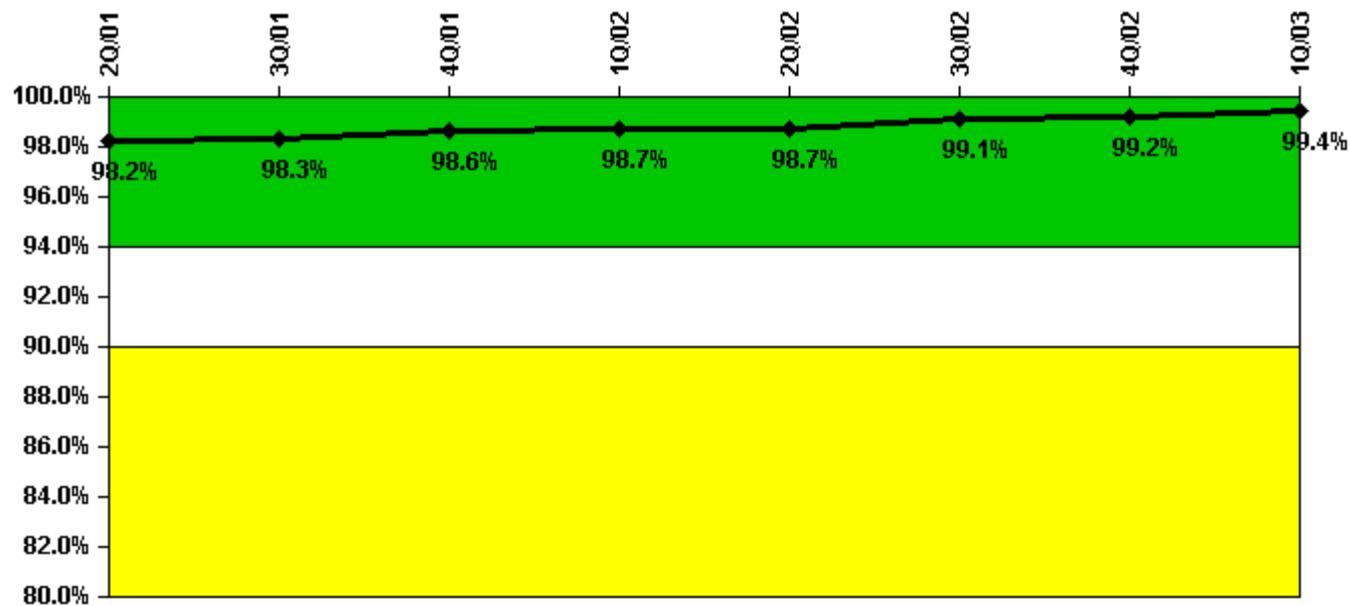
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Participating Key personnel	52.0	51.0	45.0	38.0	44.0	45.0	47.0	51.0
Total Key personnel	52.0	52.0	45.0	41.0	48.0	48.0	47.0	51.0
Indicator value	100.0%	98.1%	100.0%	92.7%	91.7%	93.8%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System

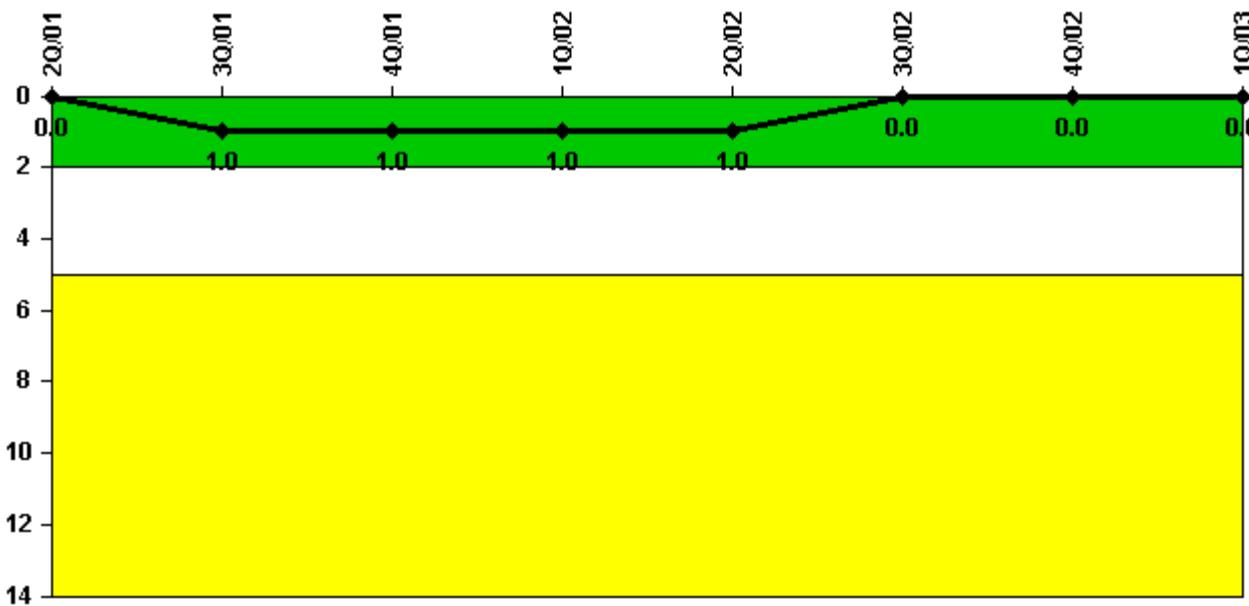


Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Successful siren-tests	5207	5121	5020	4923	4979	5035	5047	4961
Total sirens-tests	5293	5214	5056	4977	5056	5056	5056	4977
Indicator value	98.2%	98.3%	98.6%	98.7%	98.7%	99.1%	99.2%	99.4%

Licensee Comments: none

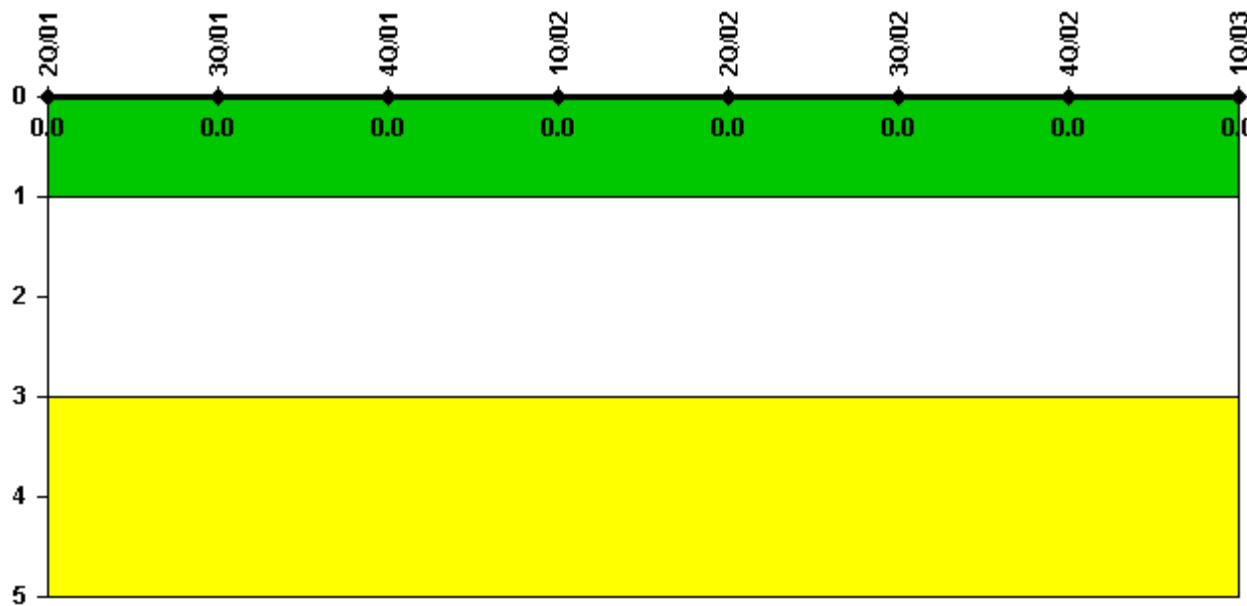
Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/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: none

RETS/ODCM Radiological Effluent

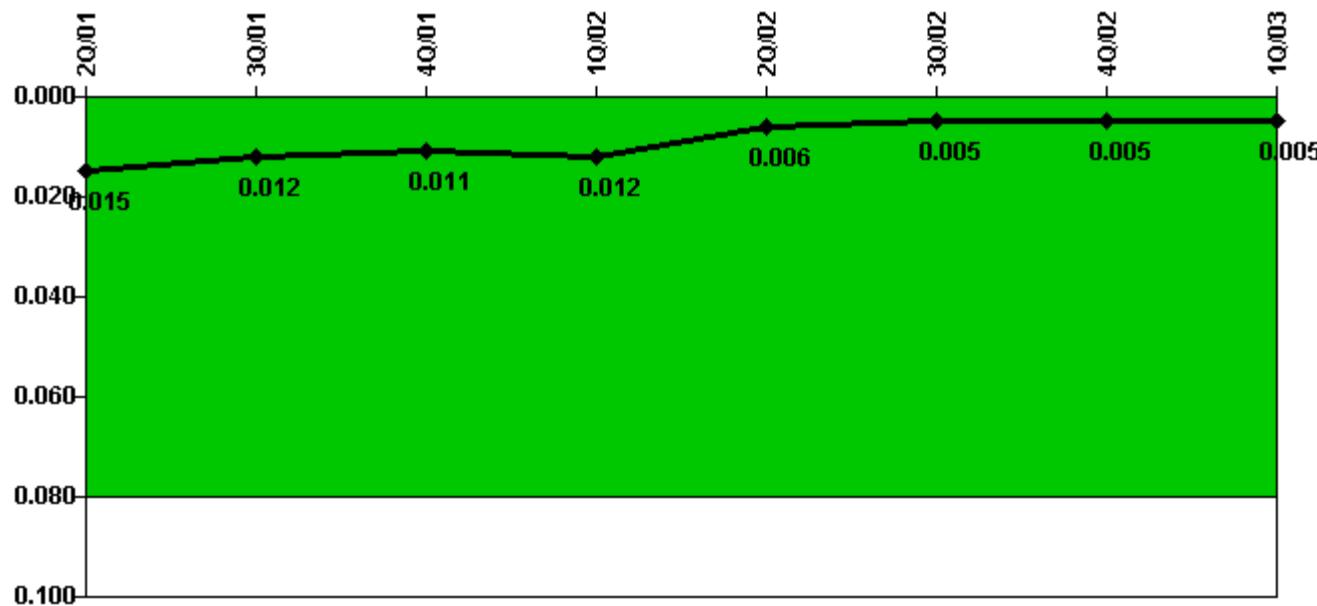
Thresholds: White > 1.0 Yellow > 3.0

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

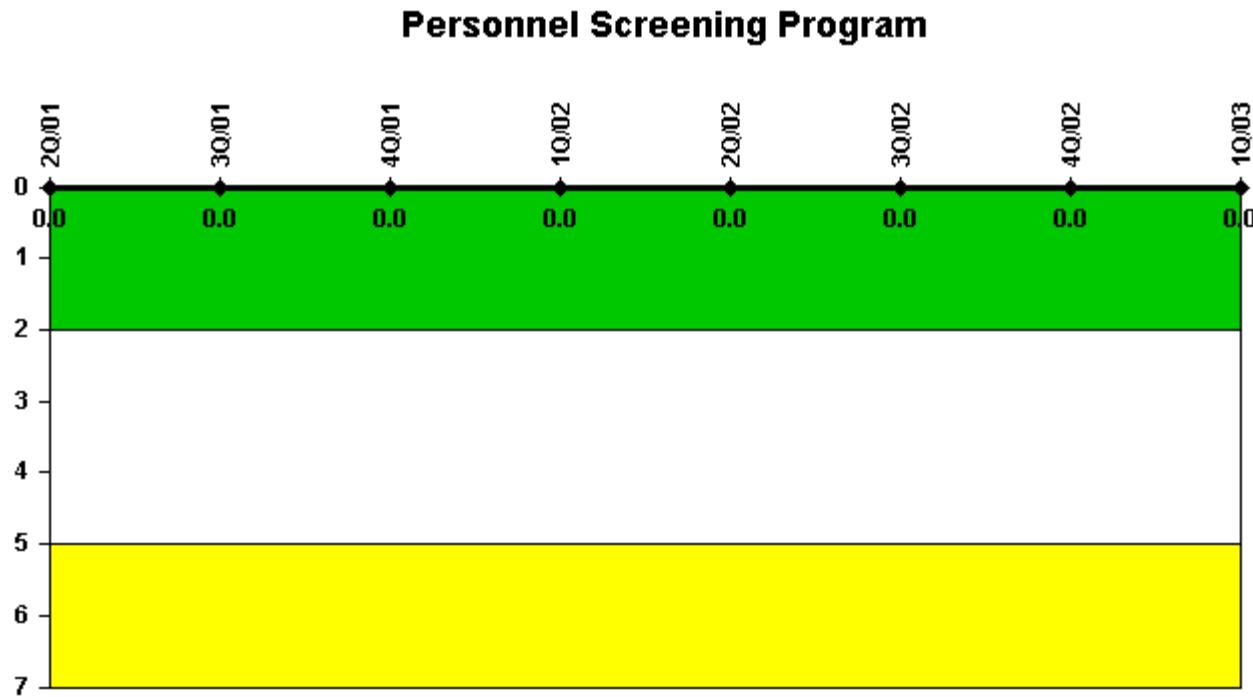


Thresholds: White > 0.080

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	127.63	39.79	1.13	0	27.70	40.60	8.30	12.10
CCTV compensatory hours	31.9	4.9	14.3	24.9	0	0	6.2	5.7
IDS normalization factor	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.015	0.012	0.011	0.012	0.006	0.005	0.005	0.005

Licensee Comments: none

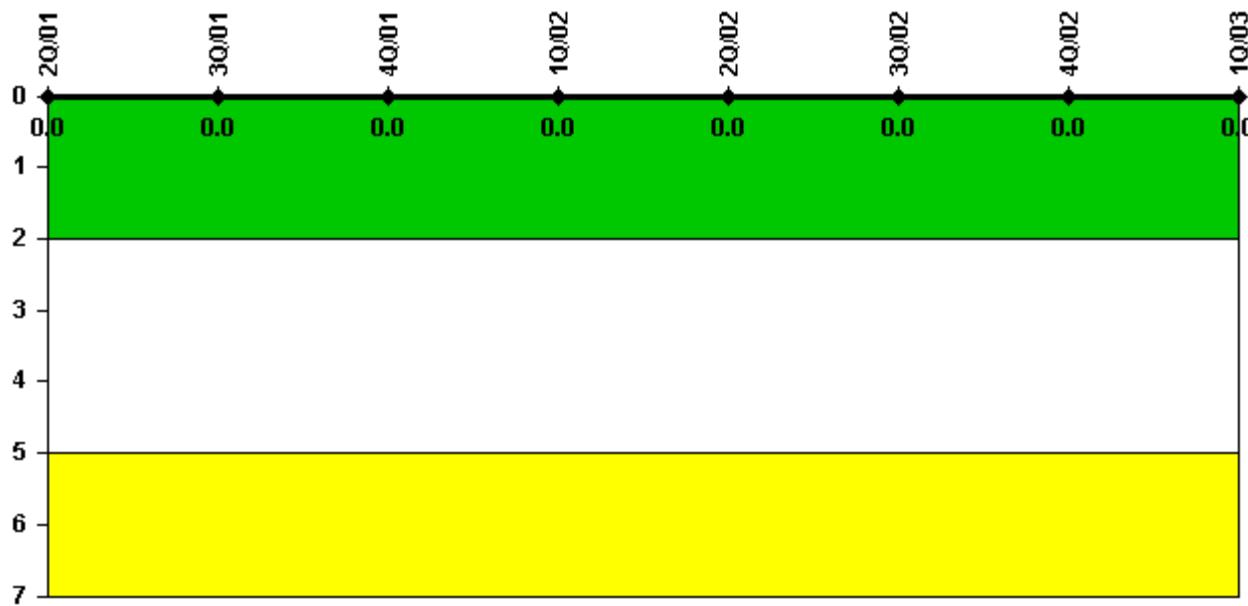


Thresholds: White > 2.0 Yellow > 5.0

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](#)

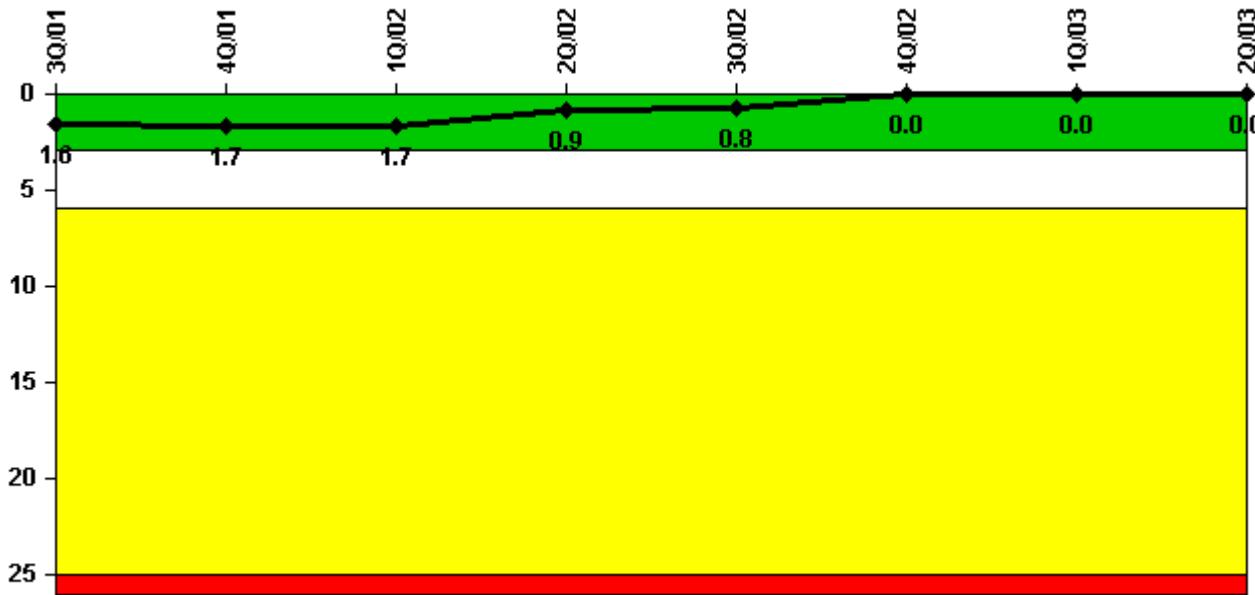
Last Modified: April 22, 2003

Dresden 2

2Q/2003 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs

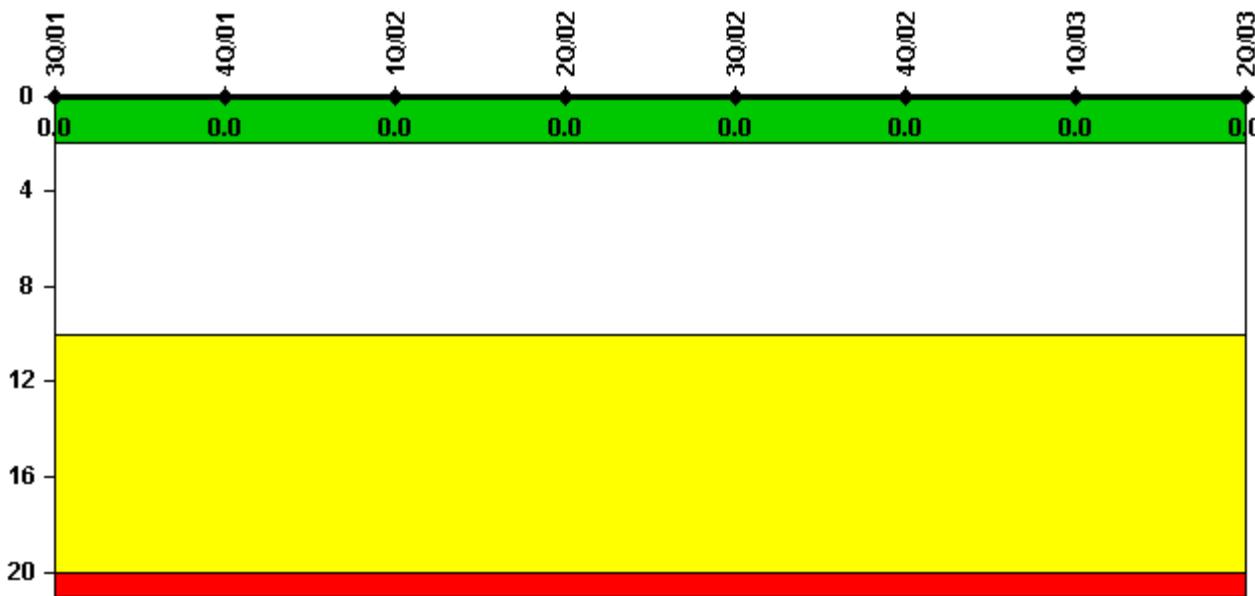


Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0	0	0	0
Critical hours	2042.0	1786.8	2160.0	2183.0	2208.0	2209.0	2160.0	2183.0
Indicator value	1.6	1.7	1.7	0.9	0.8	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

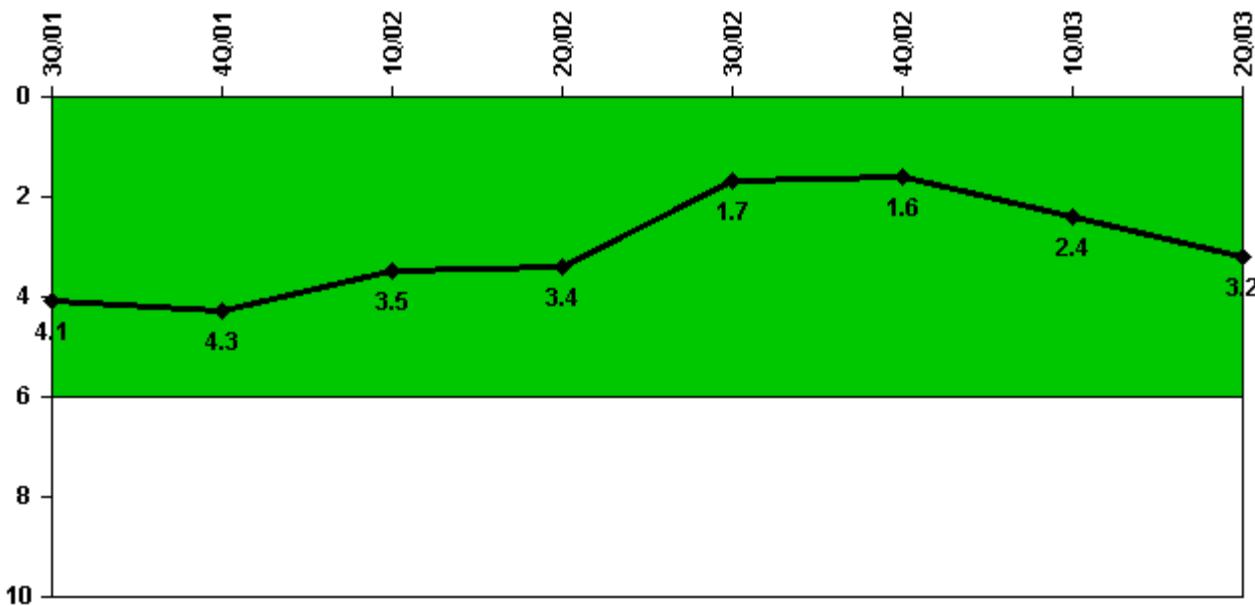
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

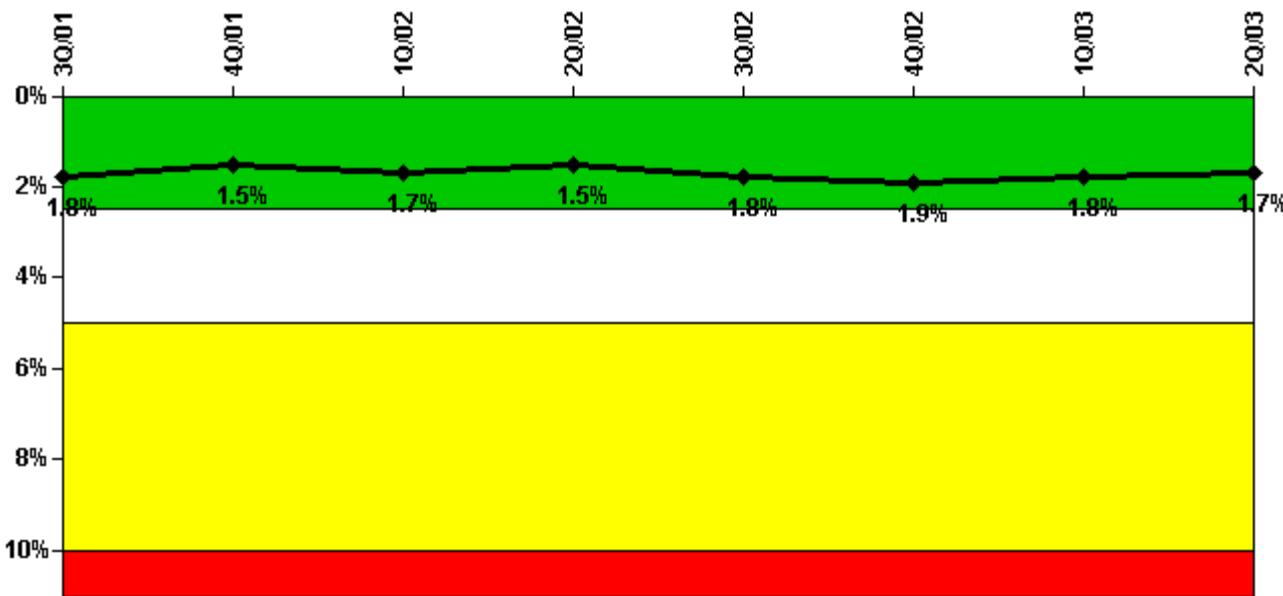
Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Unplanned power changes	3.0	0	0	1.0	1.0	0	1.0	2.0
Critical hours	2042.0	1786.8	2160.0	2183.0	2208.0	2209.0	2160.0	2183.0
Indicator value	4.1	4.3	3.5	3.4	1.7	1.6	2.4	3.2

Licensee Comments:

2Q/03:

Safety System Unavailability, Emergency AC Power



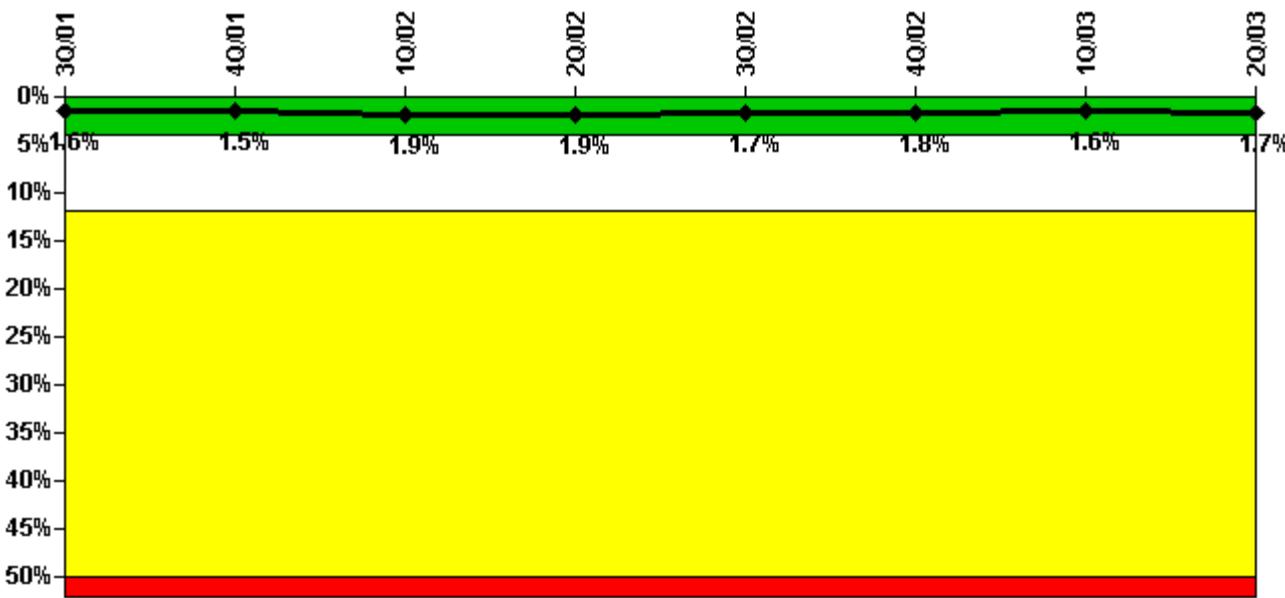
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

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	13.25	8.88	11.78	24.37	14.61	49.90	21.47	11.20
Unplanned unavailable hours	0	0	0	0	141.90	0.35	15.75	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	21.17	9.24	107.35	7.33	66.52	8.59	6.50	31.22
Unplanned unavailable hours	0	0	0	1.00	3.27	5.67	4.23	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	1.8%	1.5%	1.7%	1.5%	1.8%	1.9%	1.8%	1.7%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)



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

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Train 1								
Planned unavailable hours	6.97	0.48	104.00	32.51	39.50	25.93	102.98	16.17
Unplanned unavailable hours	0	0	0	0	0	4.18	10.53	16.25
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2041.98	1786.75	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	1.6%	1.5%	1.9%	1.9%	1.7%	1.8%	1.6%	1.7%

Licensee Comments: none

Safety System Unavailability, Heat Removal System

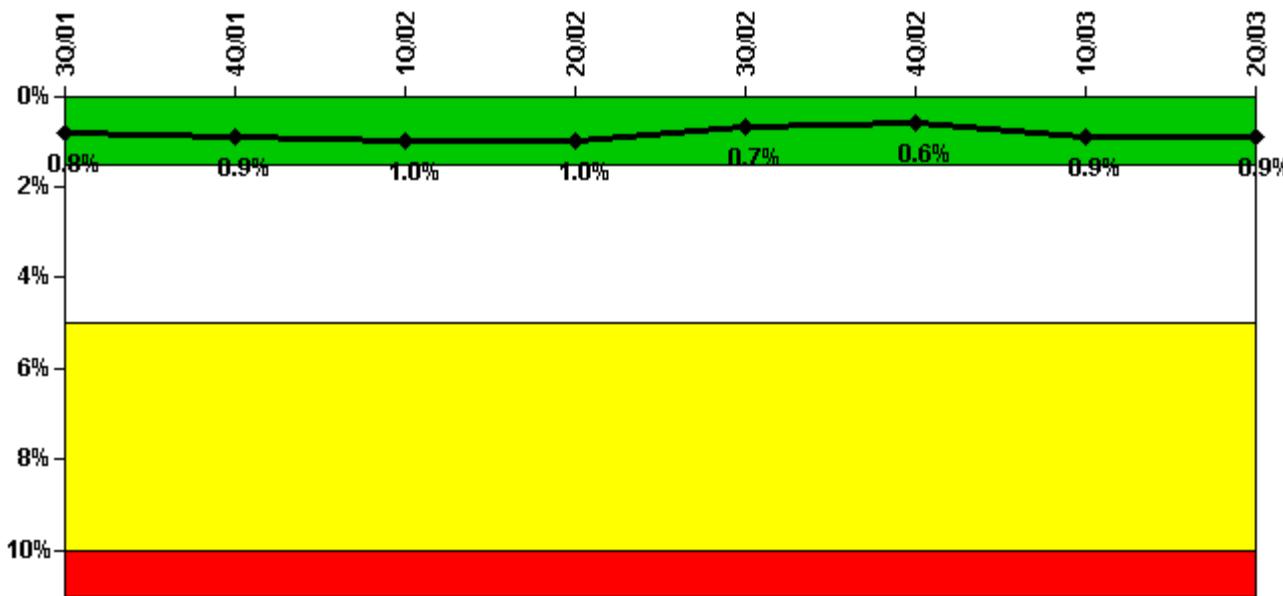
Thresholds under development / review

Notes

Safety System Unavailability, Heat Removal System	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Train 1								
Planned unavailable hours								
Unplanned unavailable hours								
Fault exposure hours								
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours								
Indicator value								

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



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

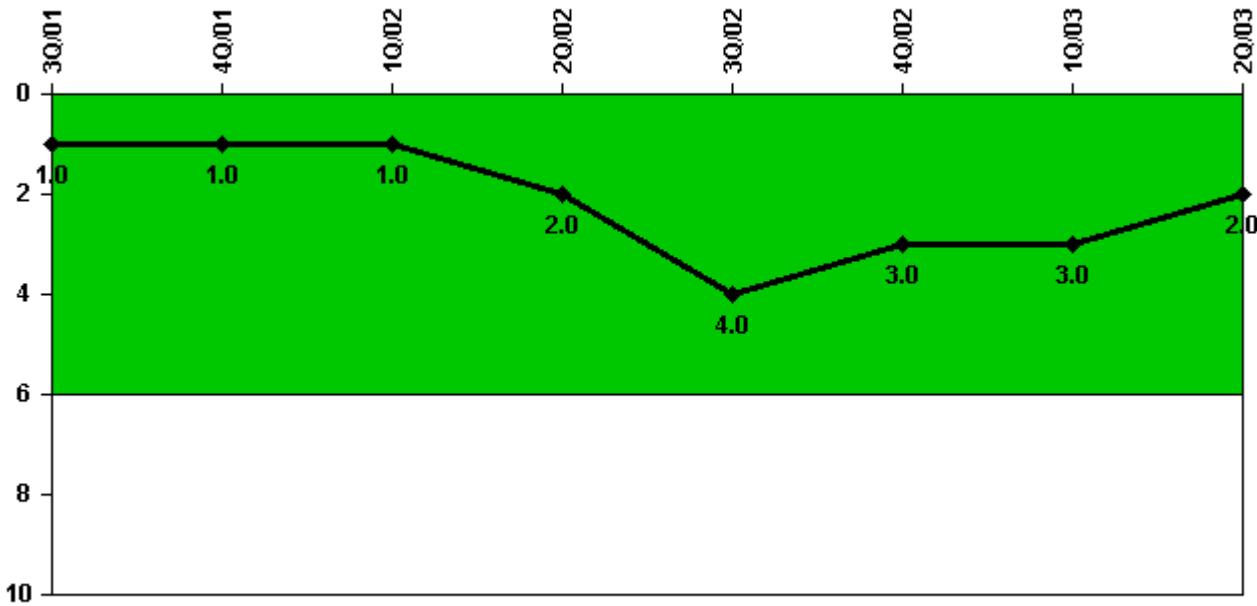
Notes

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	19.38	0	52.70	3.12	0	0	125.72	2.97
Unplanned unavailable hours	12.82	40.65	39.92	21.48	0	0	1.97	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2063.08	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	9.30	0	0	40.98	0	0	113.92	2.38
Unplanned unavailable hours	0	0	80.05	0	44.97	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	2063.08	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 3								
Planned unavailable hours	0	0	0	0	25.28	0	0	0
Unplanned unavailable hours	1.20	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 4								
Planned unavailable hours	0	0	0	0	25.28	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	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00

Indicator value	0.8%	0.9%	1.0%	1.0%	0.7%	0.6%	0.9%	0.9%
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Licensee Comments: none

Safety System Functional Failures (BWR)



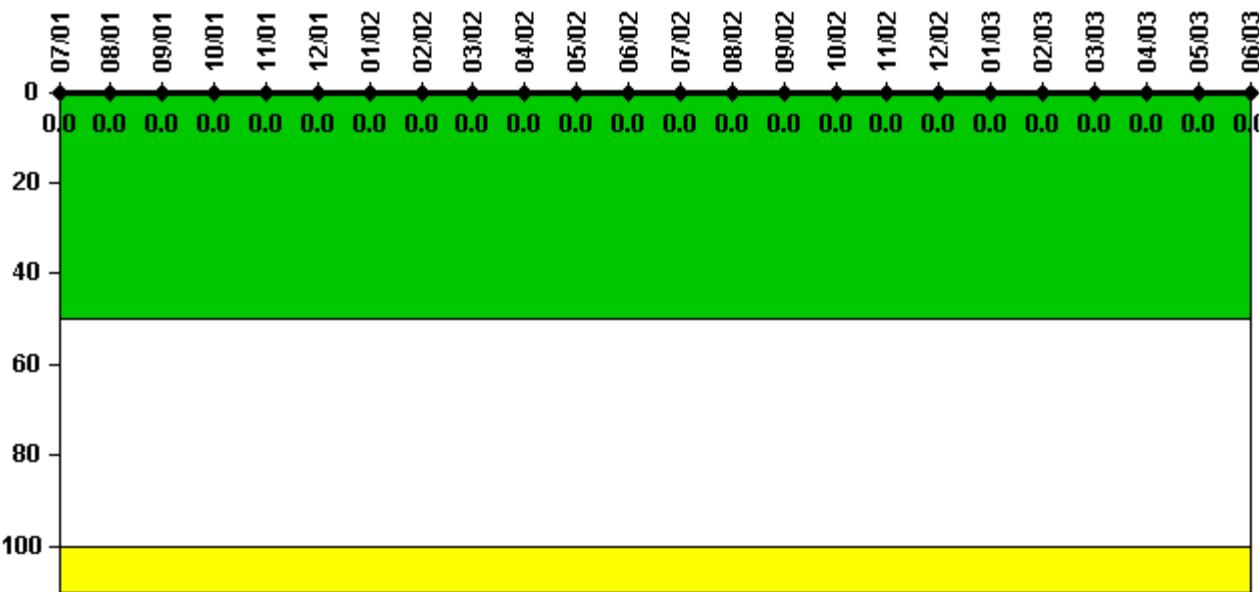
Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



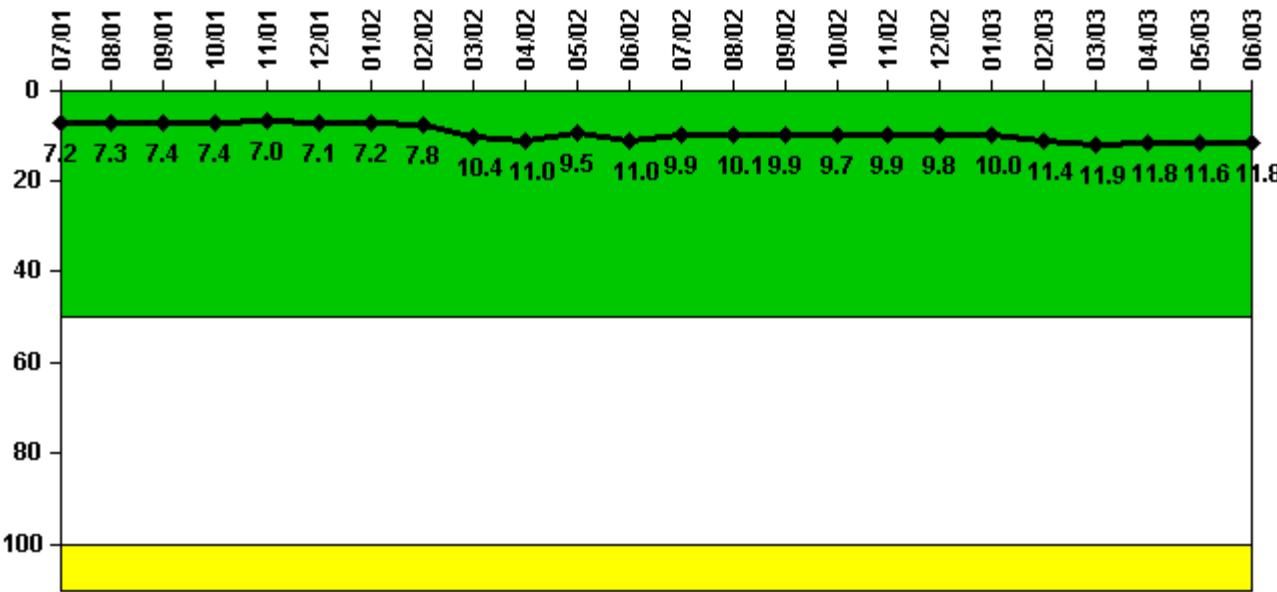
Thresholds: White > 50.0 Yellow > 100.0

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	0.000010	0.000015	0.000015	0.000011	0.000011	0.000006	0.000006	0.000008	0.000026	0.000004	0.000006	0.000006
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0											
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	0.000008	0.000024	0.000005	0.000006	0.000005	0.000029	0.000006	0.000006	0.000006	0.000013	0.000017	0.000025
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0											

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

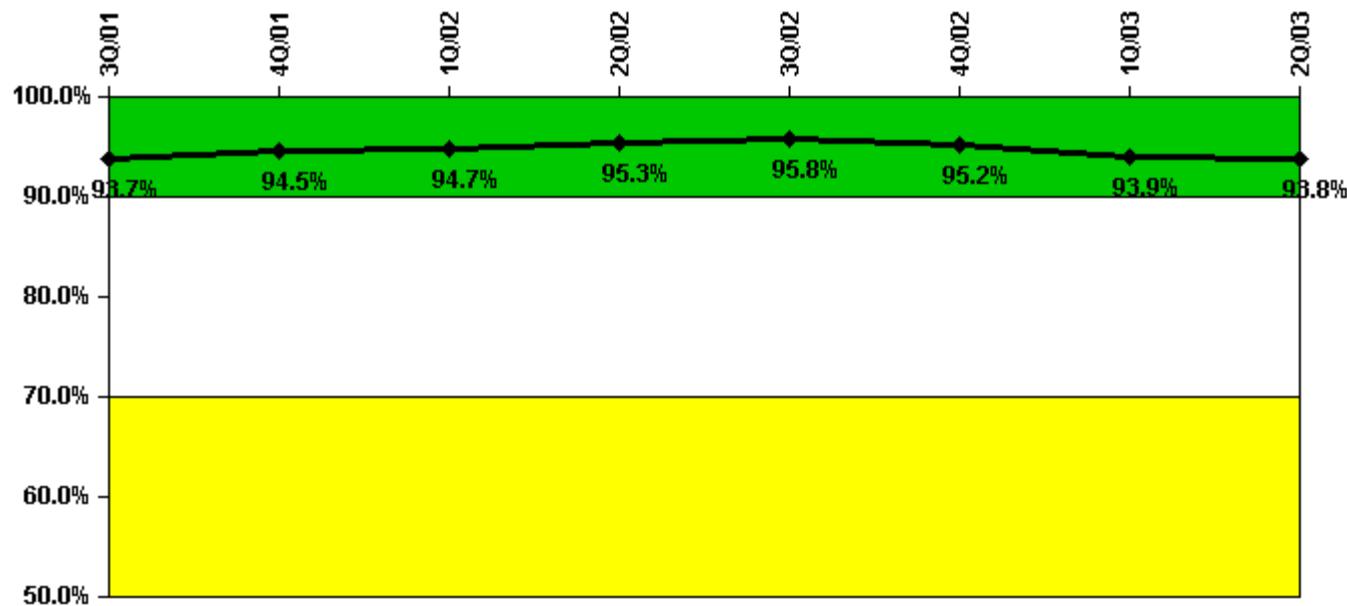
Notes

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	1.803	1.822	1.840	1.840	1.757	1.767	1.795	1.953	2.610	2.750	2.387	2.741
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	7.2	7.3	7.4	7.4	7.0	7.1	7.2	7.8	10.4	11.0	9.5	11.0

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	2.483	2.532	2.468	2.433	2.485	2.457	2.505	2.853	2.987	2.957	2.890	2.945
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	9.9	10.1	9.9	9.7	9.9	9.8	10.0	11.4	11.9	11.8	11.6	11.8

Licensee Comments: none

Drill/Exercise Performance



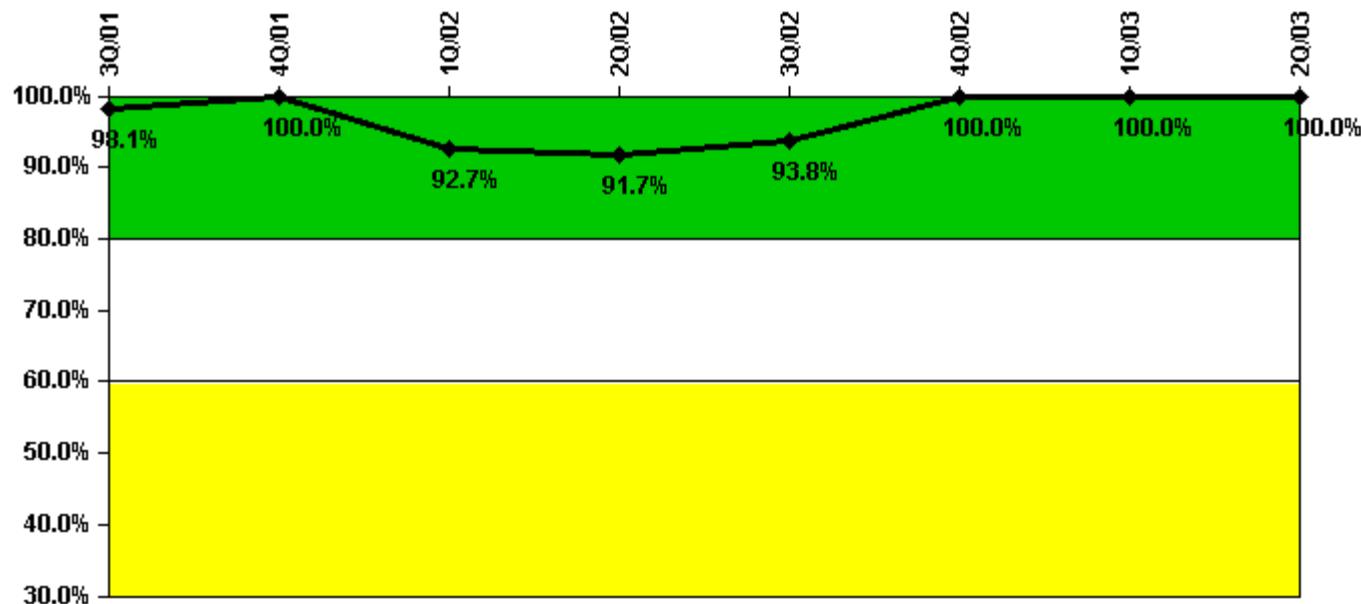
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Successful opportunities	5.0	43.0	14.0	12.0	1.0	39.0	27.0	56.0
Total opportunities	6.0	46.0	14.0	12.0	1.0	40.0	30.0	61.0
Indicator value	93.7%	94.5%	94.7%	95.3%	95.8%	95.2%	93.9%	93.8%

Licensee Comments: none

ERO Drill Participation



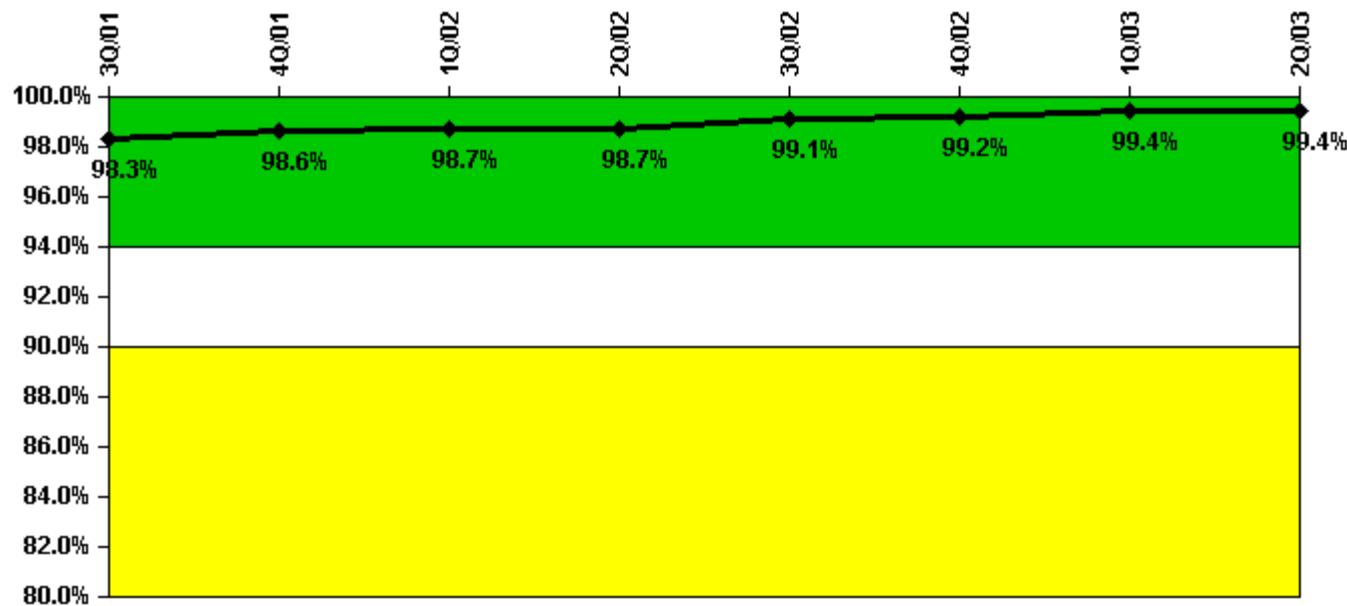
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Participating Key personnel	51.0	45.0	38.0	44.0	45.0	47.0	51.0	50.0
Total Key personnel	52.0	45.0	41.0	48.0	48.0	47.0	51.0	50.0
Indicator value	98.1%	100.0%	92.7%	91.7%	93.8%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



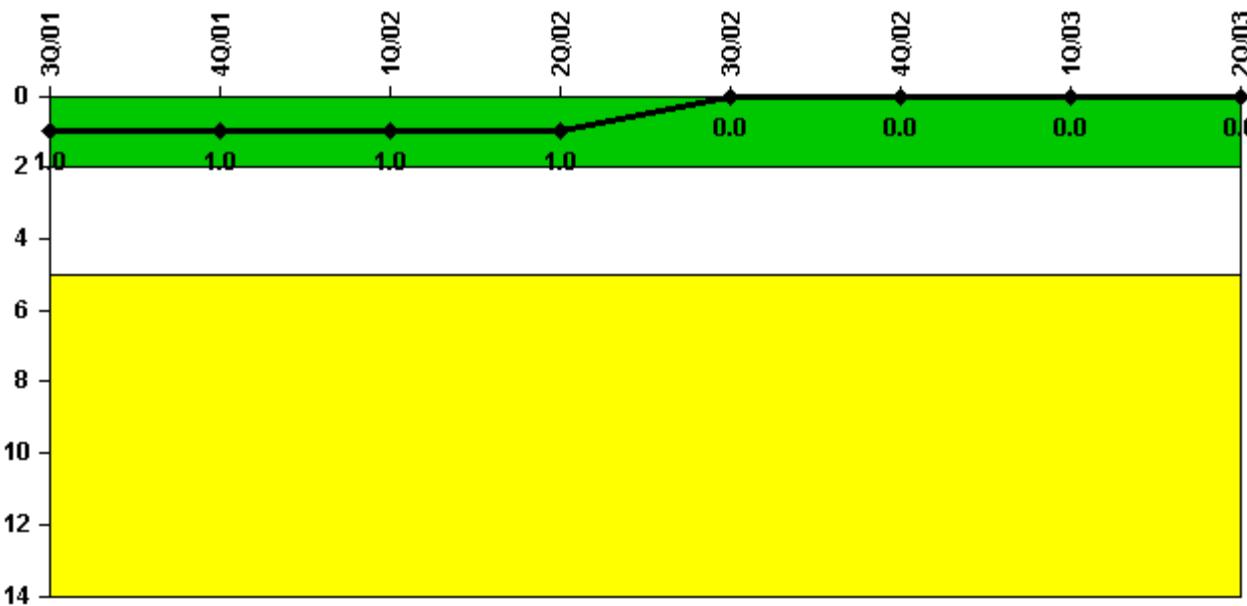
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Successful siren-tests	5121	5020	4923	4979	5035	5047	4961	4974
Total sirens-tests	5214	5056	4977	5056	5056	5056	4977	5056
Indicator value	98.3%	98.6%	98.7%	98.7%	99.1%	99.2%	99.4%	99.4%

Licensee Comments: none

Occupational Exposure Control Effectiveness

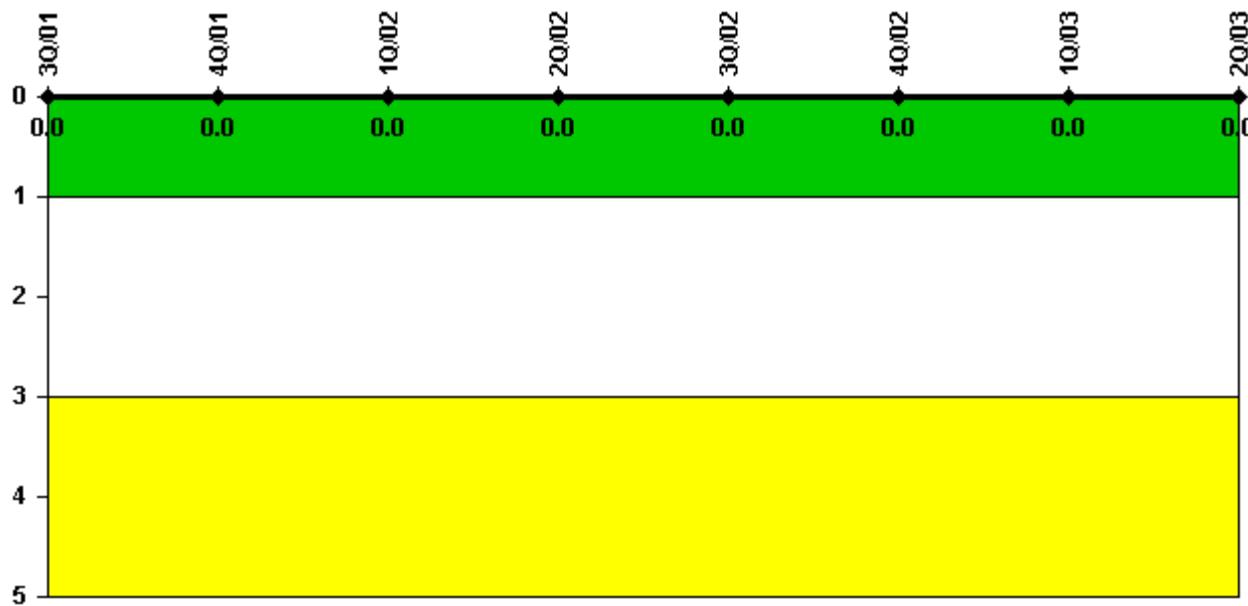


Thresholds: White > 2.0 Yellow > 5.0

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	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

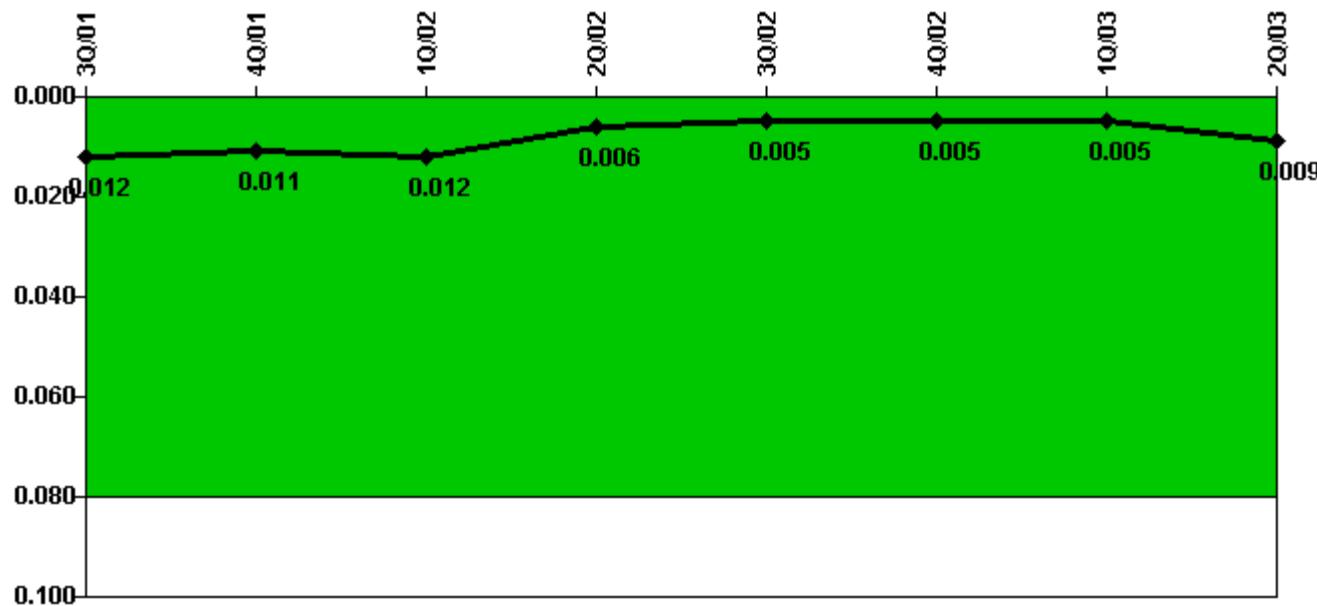
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	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

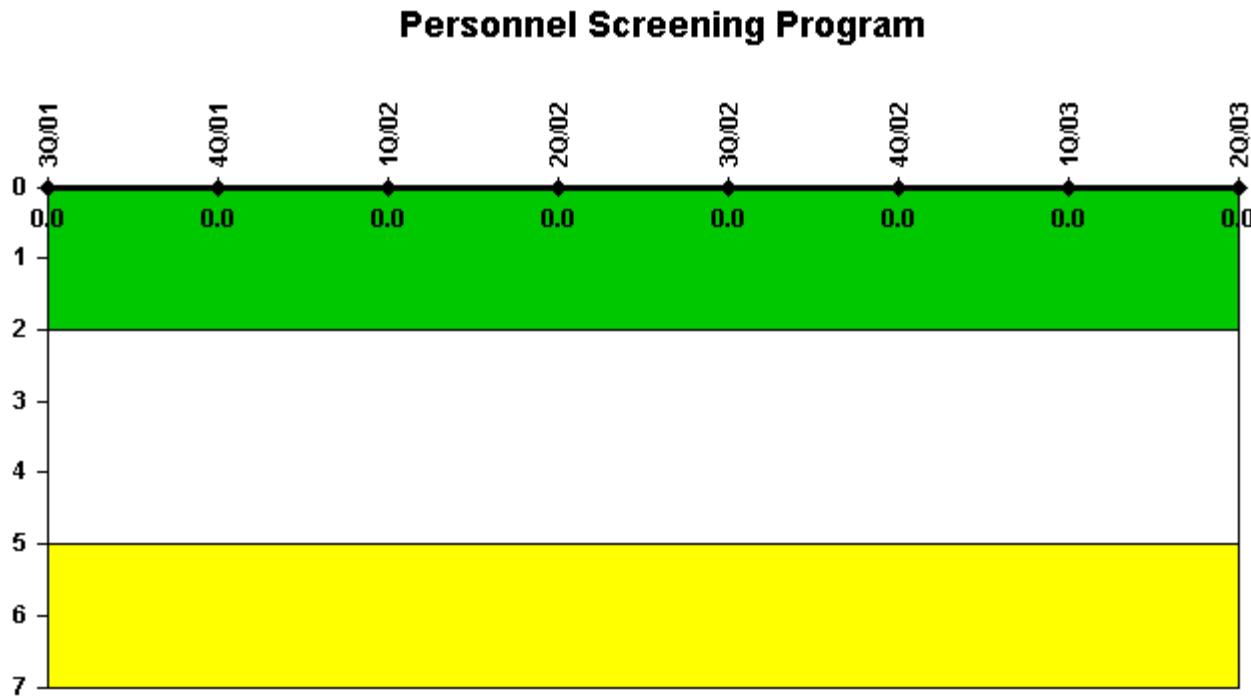


Thresholds: White > 0.080

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	39.79	1.13	0	27.70	40.60	8.30	12.10	133.08
CCTV compensatory hours	4.9	14.3	24.9	0	0	6.2	5.7	0
IDS normalization factor	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.012	0.011	0.012	0.006	0.005	0.005	0.005	0.009

Licensee Comments: none

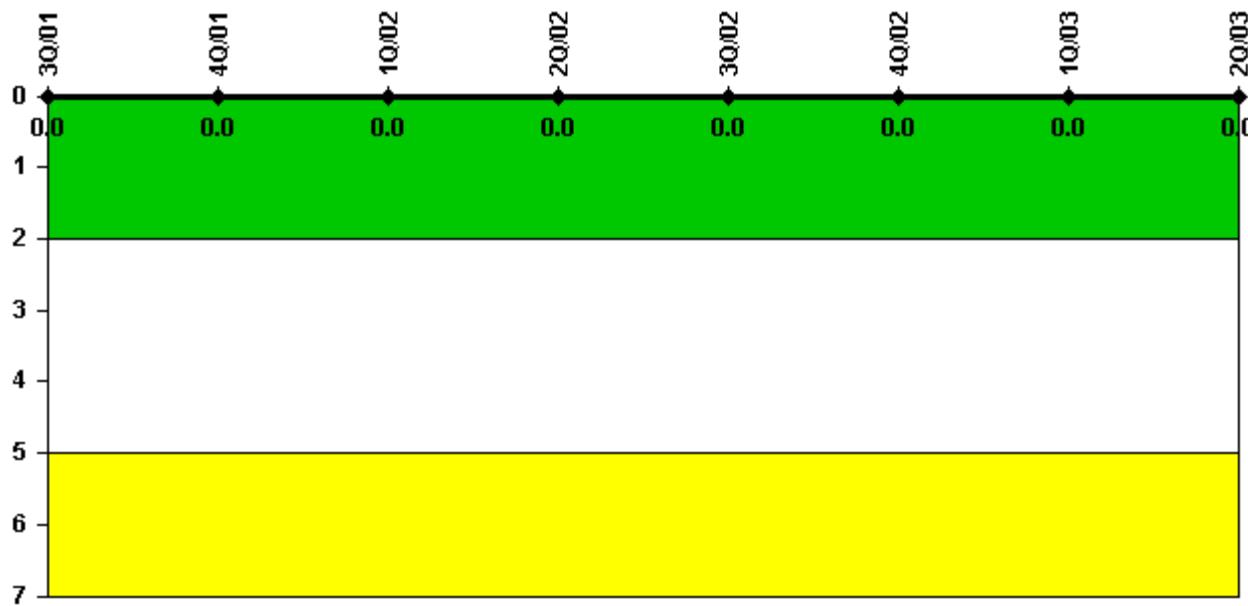


Thresholds: White > 2.0 Yellow > 5.0

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](#)

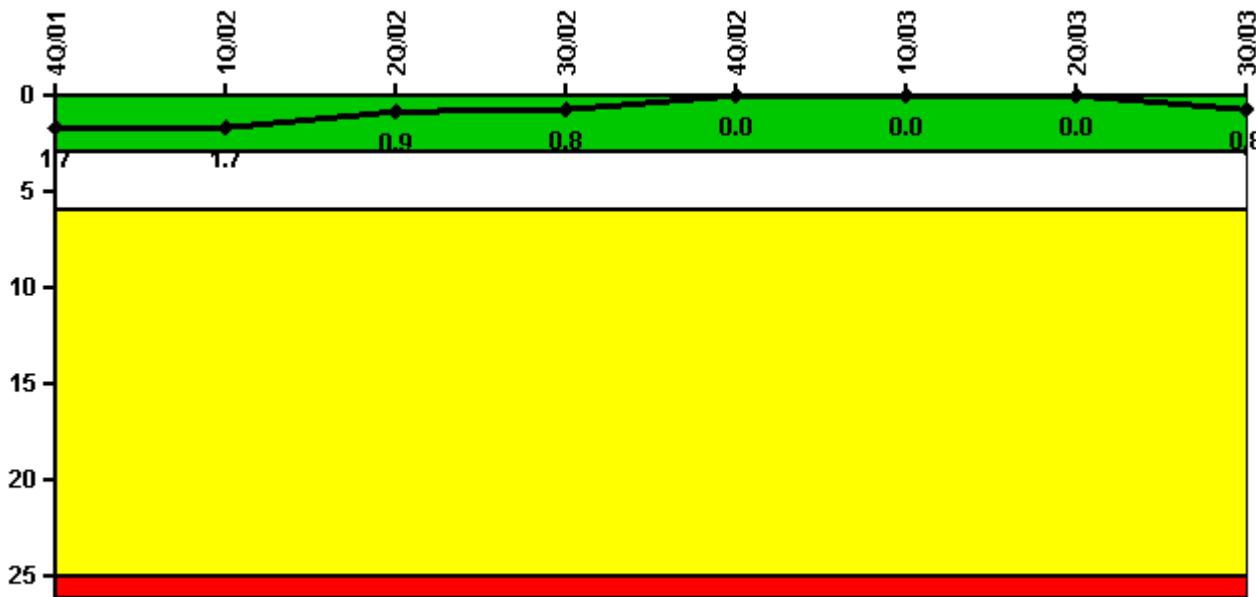
Last Modified: July 22, 2003

Dresden 2

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	1.0	0	0	0	0	0	0	1.0
Critical hours	1786.8	2160.0	2183.0	2208.0	2209.0	2160.0	2183.0	2204.2
Indicator value	1.7	1.7	0.9	0.8	0	0	0	0.8

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

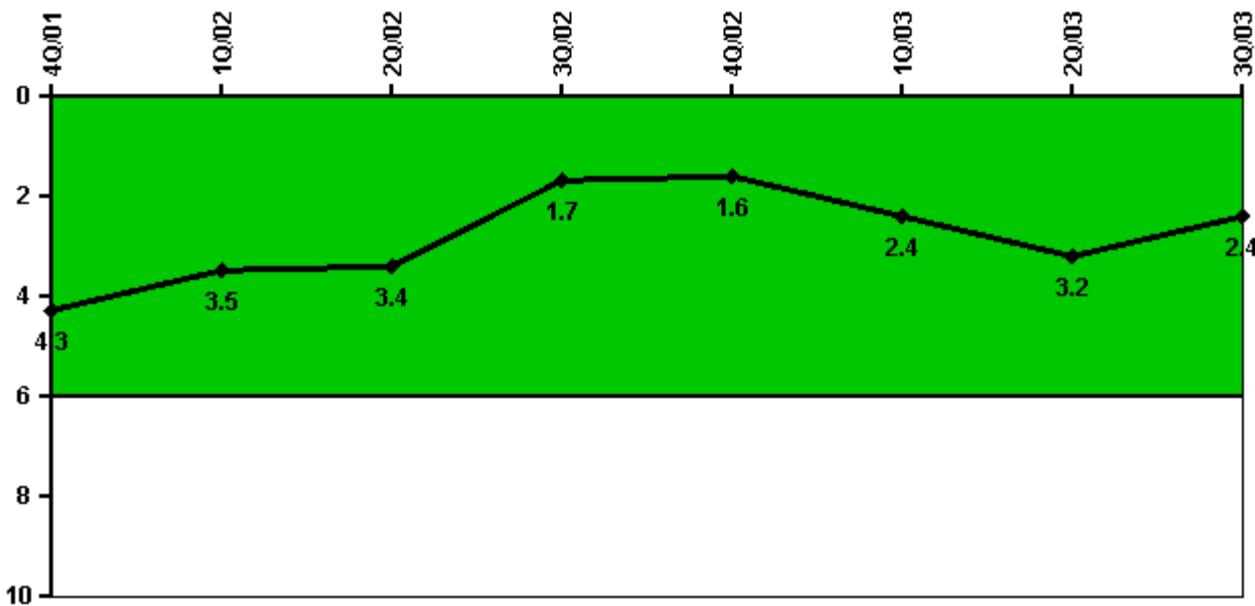
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



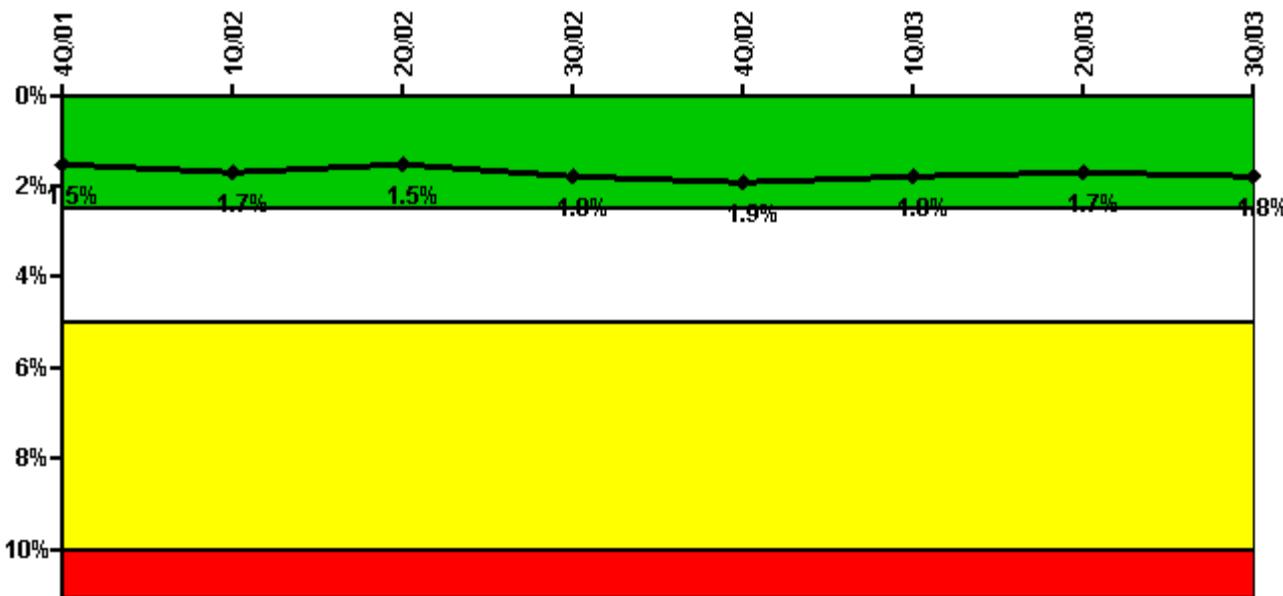
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Unplanned power changes	0	0	1.0	1.0	0	1.0	2.0	0
Critical hours	1786.8	2160.0	2183.0	2208.0	2209.0	2160.0	2183.0	2204.2
Indicator value	4.3	3.5	3.4	1.7	1.6	2.4	3.2	2.4

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



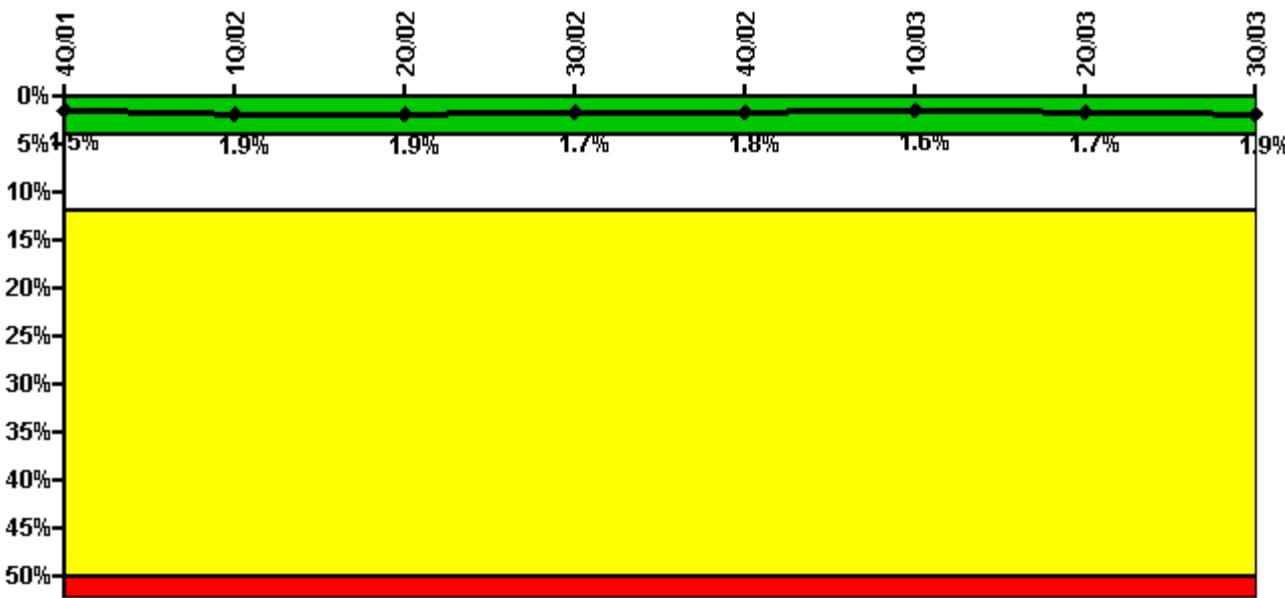
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

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	8.88	11.78	24.37	14.61	49.90	21.47	11.20	38.25
Unplanned unavailable hours	0	0	0	141.90	0.35	15.75	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	9.24	107.35	7.33	66.52	8.59	6.50	31.22	38.02
Unplanned unavailable hours	0	0	1.00	3.27	5.67	4.23	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	1.5%	1.7%	1.5%	1.8%	1.9%	1.8%	1.7%	1.8%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)



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

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Train 1								
Planned unavailable hours	0.48	104.00	32.51	39.50	25.93	102.98	16.17	11.38
Unplanned unavailable hours	0	0	0	0	4.18	10.53	16.25	26.50
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1786.75	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2204.22
Indicator value	1.5%	1.9%	1.9%	1.7%	1.8%	1.6%	1.7%	1.9%

Licensee Comments: none

Safety System Unavailability, Heat Removal System

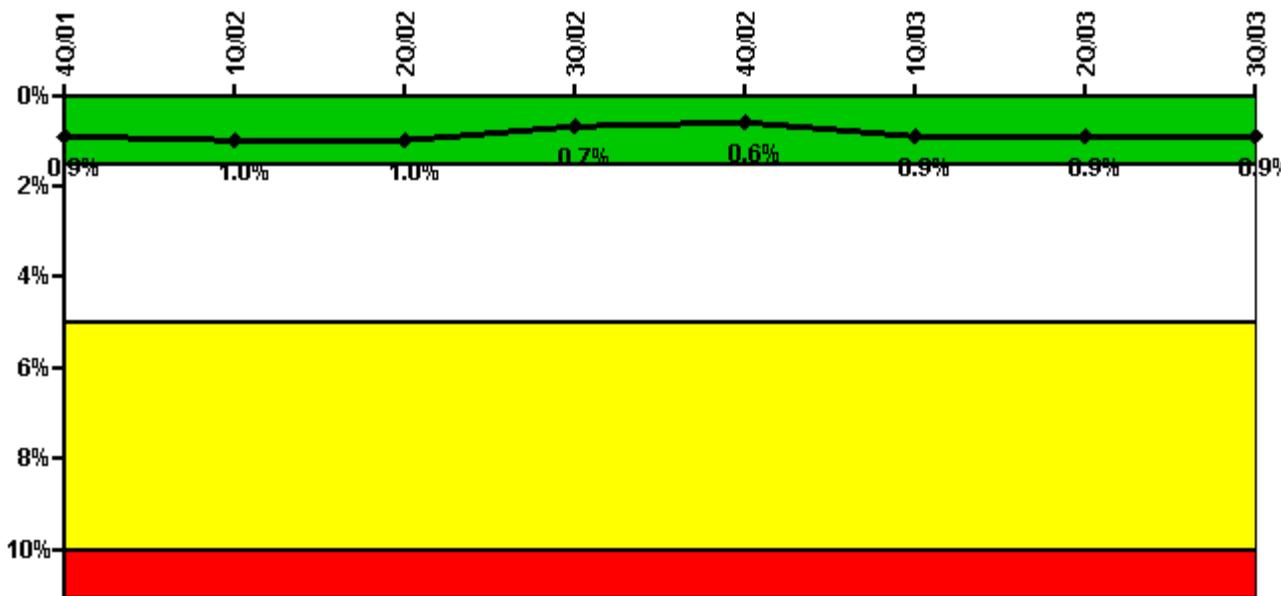
Thresholds under development / review

Notes

Safety System Unavailability, Heat Removal System	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Train 1								
Planned unavailable hours								
Unplanned unavailable hours								
Fault exposure hours								
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours								
Indicator value								

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



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

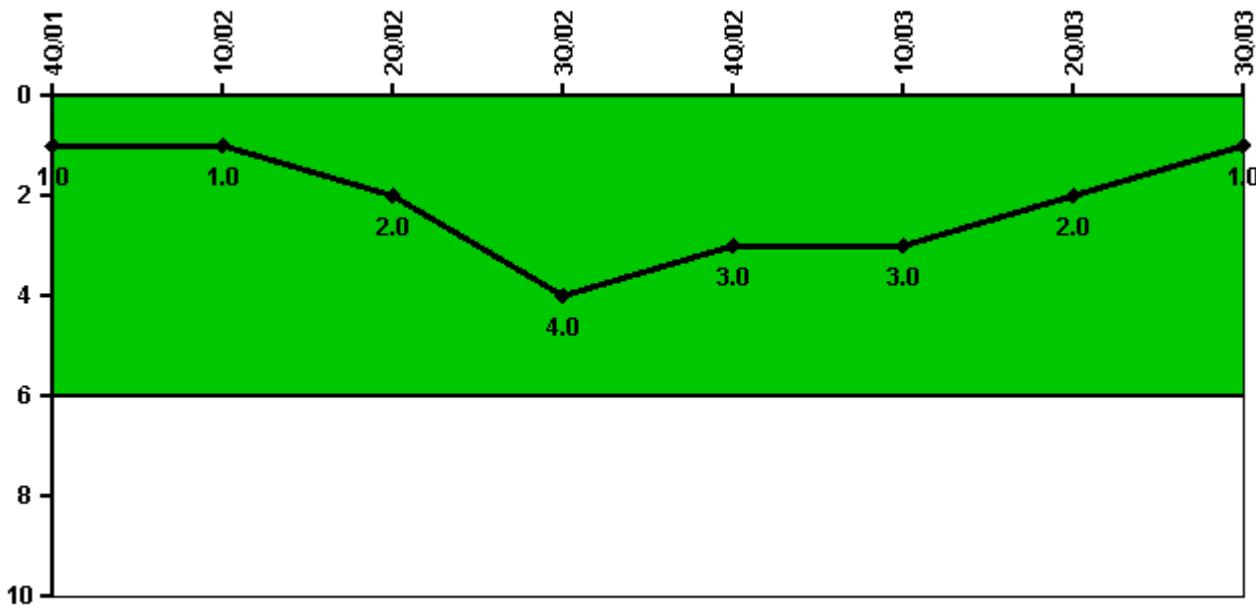
Notes

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	0	52.70	3.12	0	0	125.72	2.97	6.05
Unplanned unavailable hours	40.65	39.92	21.48	0	0	1.97	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2063.08	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2204.22
Train 2								
Planned unavailable hours	0	0	40.98	0	0	113.92	2.38	0
Unplanned unavailable hours	0	80.05	0	44.97	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	2063.08	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2204.22
Train 3								
Planned unavailable hours	0	0	0	25.28	0	0	0	16.60
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	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 4								
Planned unavailable hours	0	0	0	25.28	0	0	0	16.58
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00

Indicator value	0.9%	1.0%	1.0%	0.7%	0.6%	0.9%	0.9%	0.9%
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Licensee Comments: none

Safety System Functional Failures (BWR)



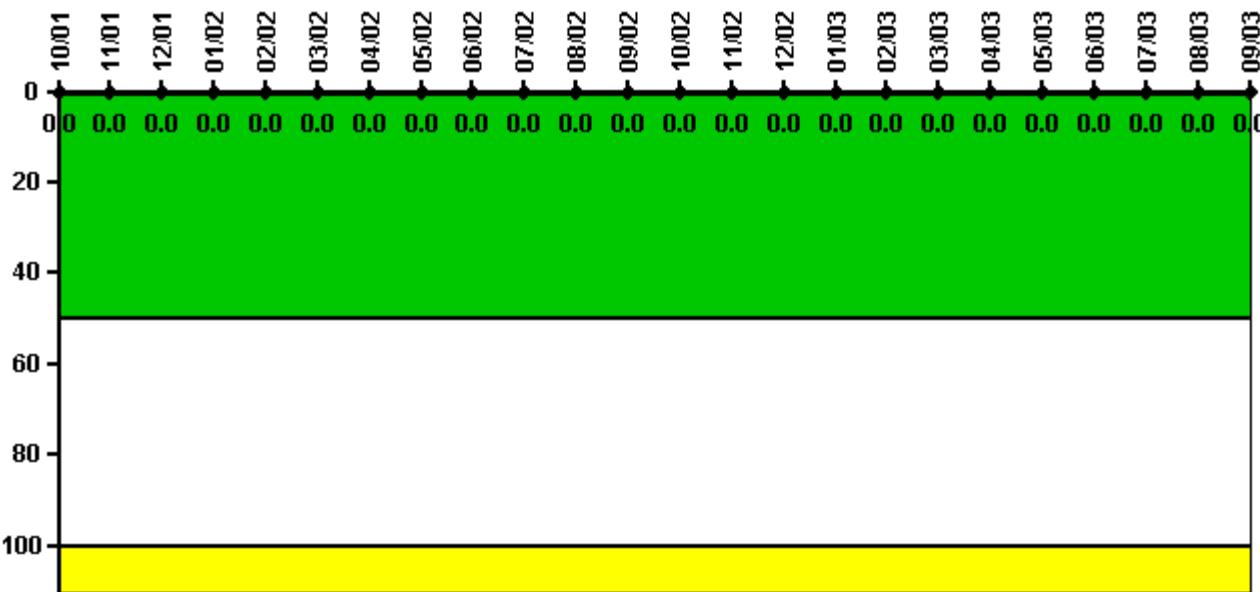
Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



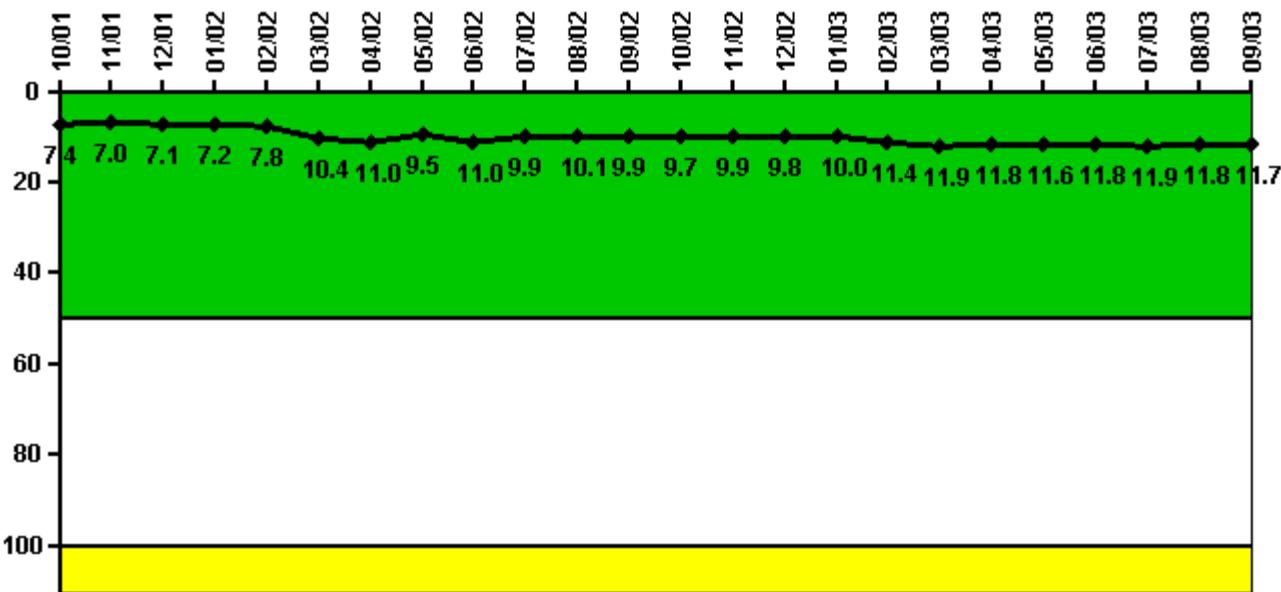
Thresholds: White > 50.0 Yellow > 100.0

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	0.000011	0.000011	0.000006	0.000006	0.000008	0.000026	0.000004	0.000006	0.000006	0.000008	0.000024	0.000005
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0											
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	0.000006	0.000005	0.000029	0.000006	0.000006	0.000006	0.000013	0.000017	0.000025	0.000005	0.000004	0.000005
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0											

Licensee Comments: none

Reactor Coolant System Leakage

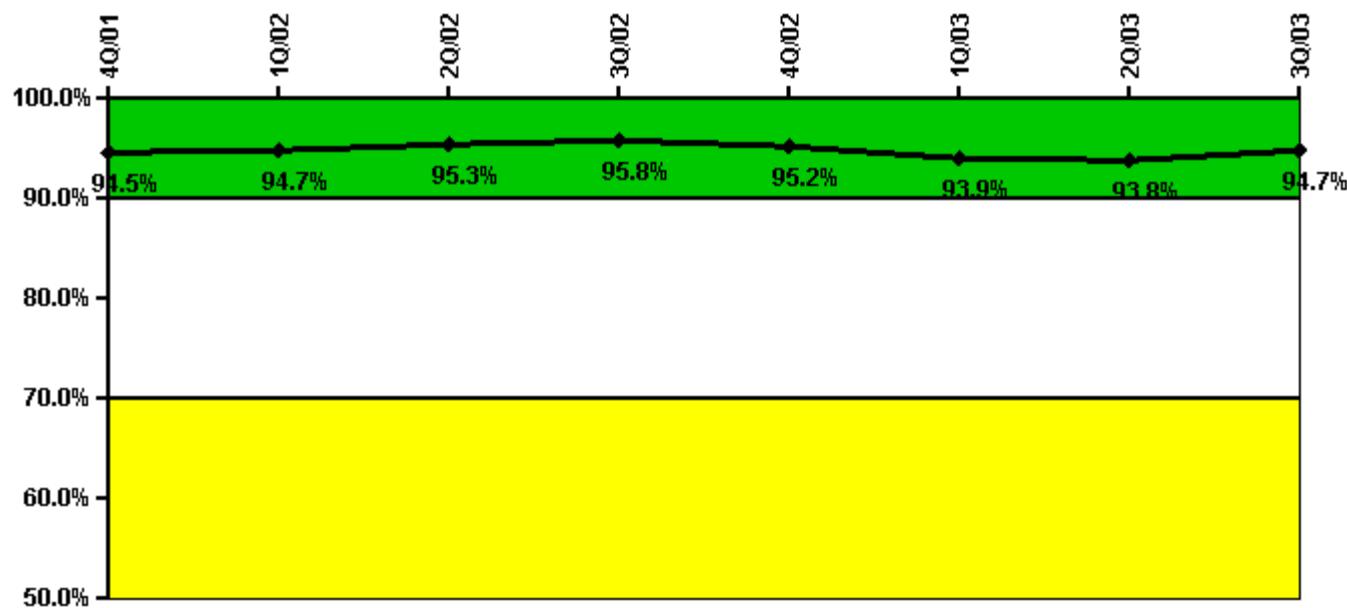


Thresholds: White > 50.0 Yellow > 100.0

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	1.840	1.757	1.767	1.795	1.953	2.610	2.750	2.387	2.741	2.483	2.532	2.468
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	7.4	7.0	7.1	7.2	7.8	10.4	11.0	9.5	11.0	9.9	10.1	9.9
Reactor Coolant System Leakage	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03
Maximum leakage	2.433	2.485	2.457	2.505	2.853	2.987	2.957	2.890	2.945	2.978	2.938	2.937
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	9.7	9.9	9.8	10.0	11.4	11.9	11.8	11.6	11.8	11.9	11.8	11.7

Licensee Comments: none

Drill/Exercise Performance

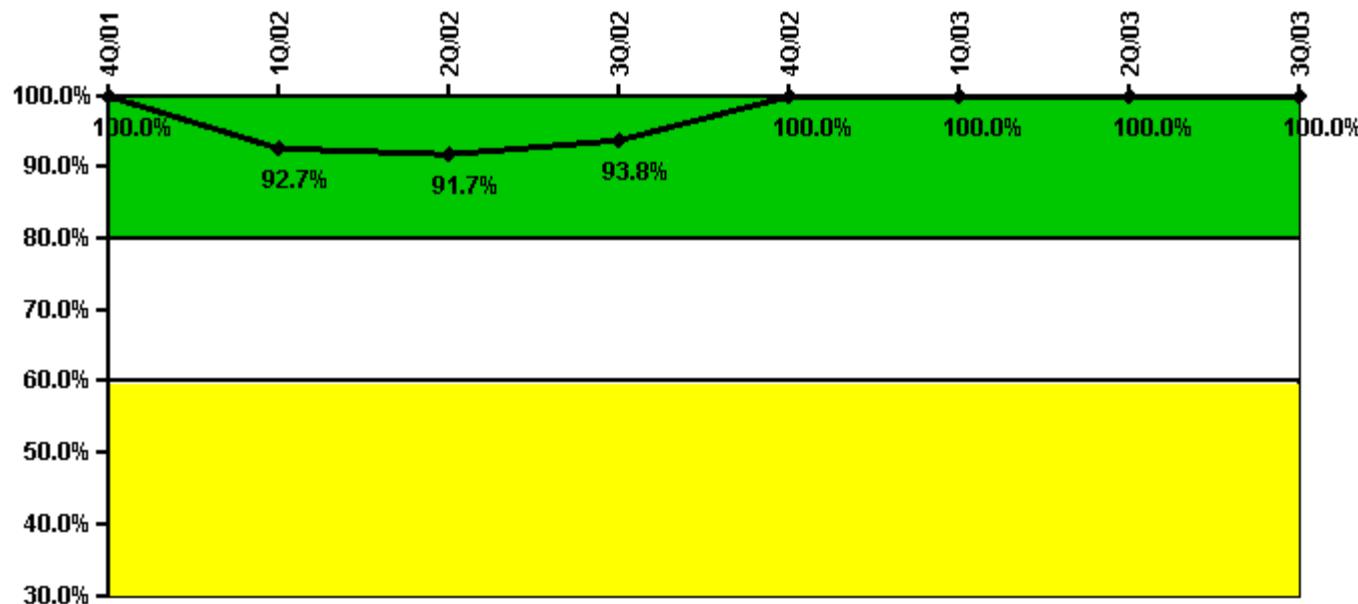
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Successful opportunities	43.0	14.0	12.0	1.0	39.0	27.0	56.0	56.0
Total opportunities	46.0	14.0	12.0	1.0	40.0	30.0	61.0	58.0
Indicator value	94.5%	94.7%	95.3%	95.8%	95.2%	93.9%	93.8%	94.7%

Licensee Comments: none

ERO Drill Participation



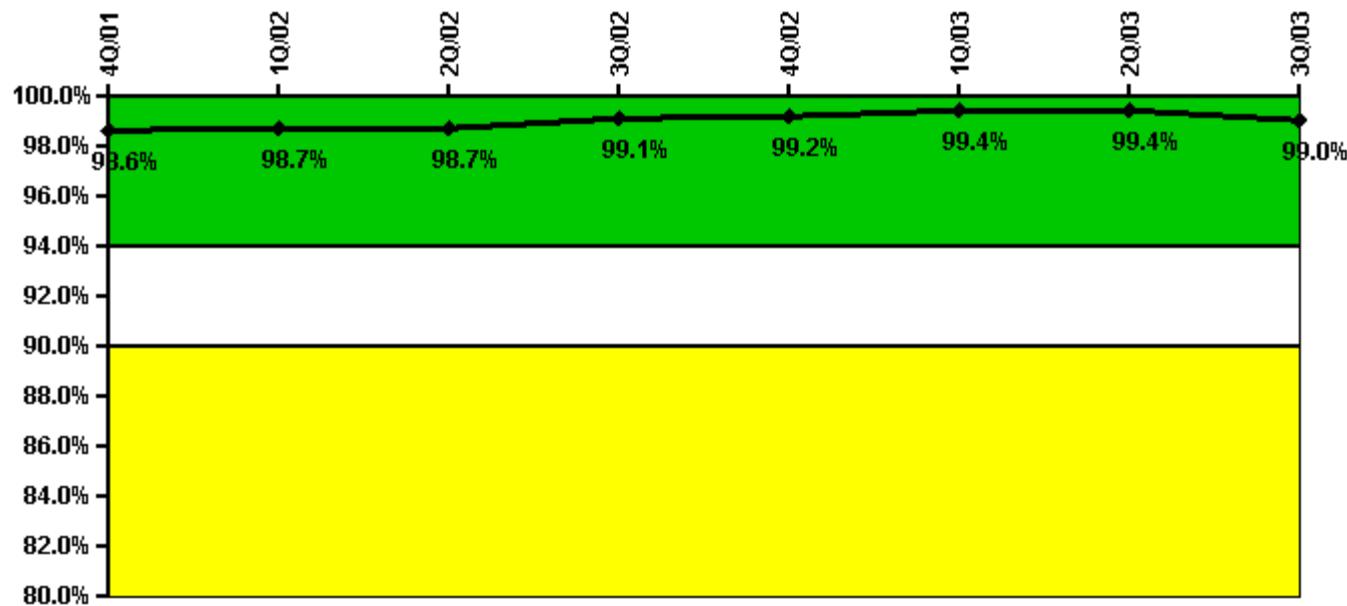
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Participating Key personnel	45.0	38.0	44.0	45.0	47.0	51.0	50.0	50.0
Total Key personnel	45.0	41.0	48.0	48.0	47.0	51.0	50.0	50.0
Indicator value	100.0%	92.7%	91.7%	93.8%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System

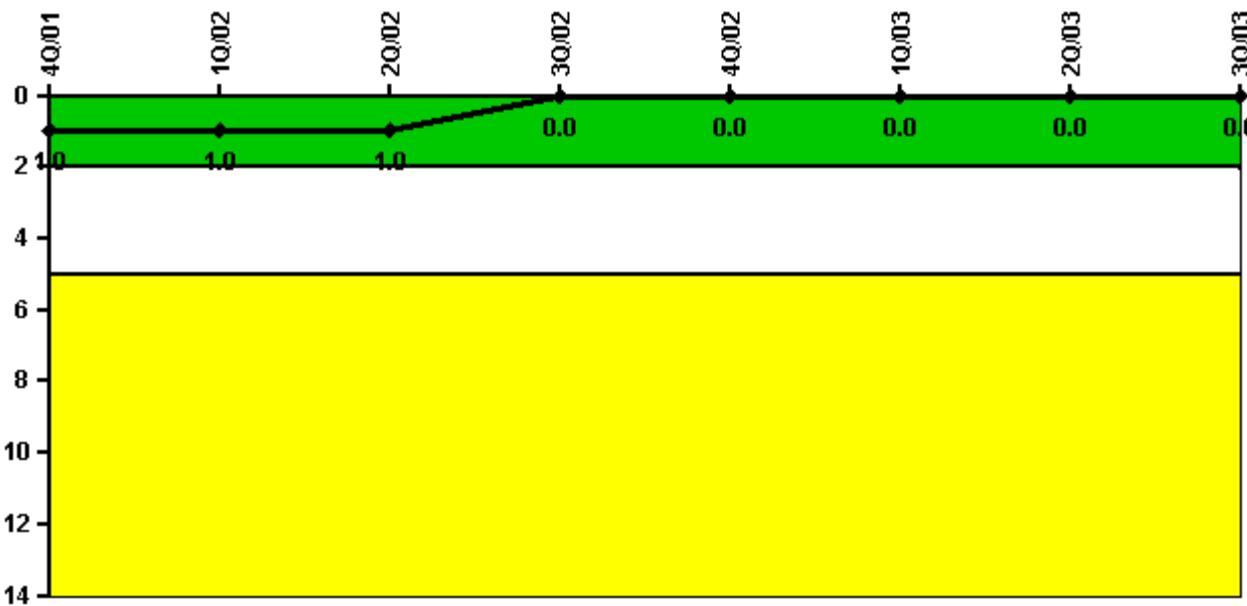


Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Successful siren-tests	5020	4923	4979	5035	5047	4961	4974	4897
Total sirens-tests	5056	4977	5056	5056	5056	4977	5056	4994
Indicator value	98.6%	98.7%	98.7%	99.1%	99.2%	99.4%	99.4%	99.0%

Licensee Comments: none

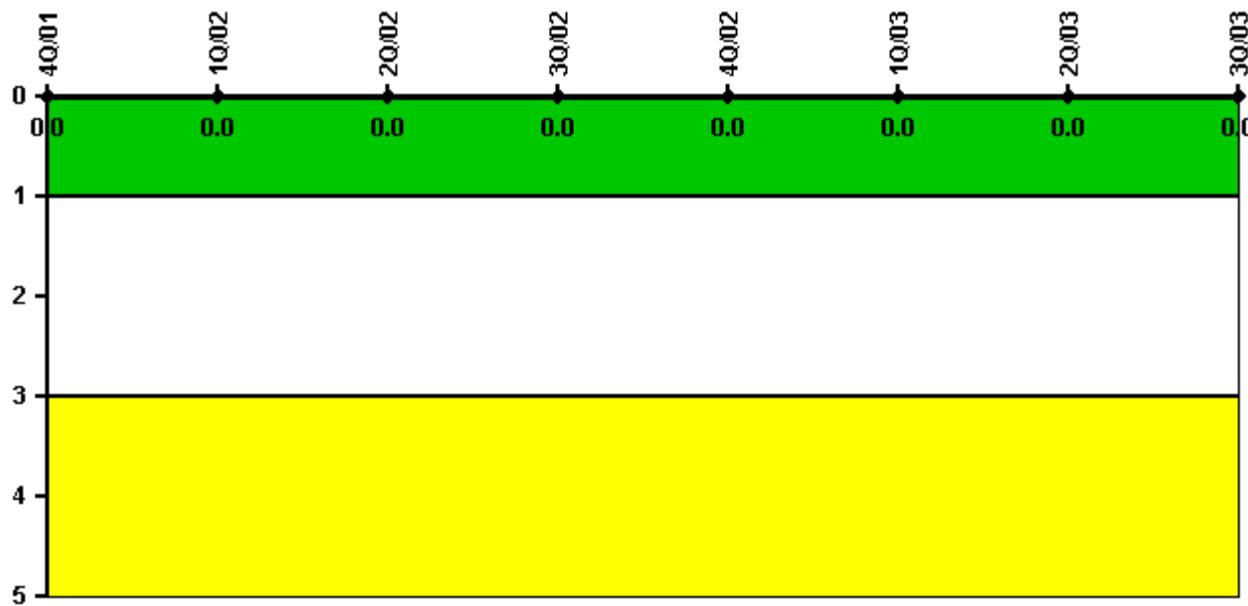
Occupational Exposure Control Effectiveness

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	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

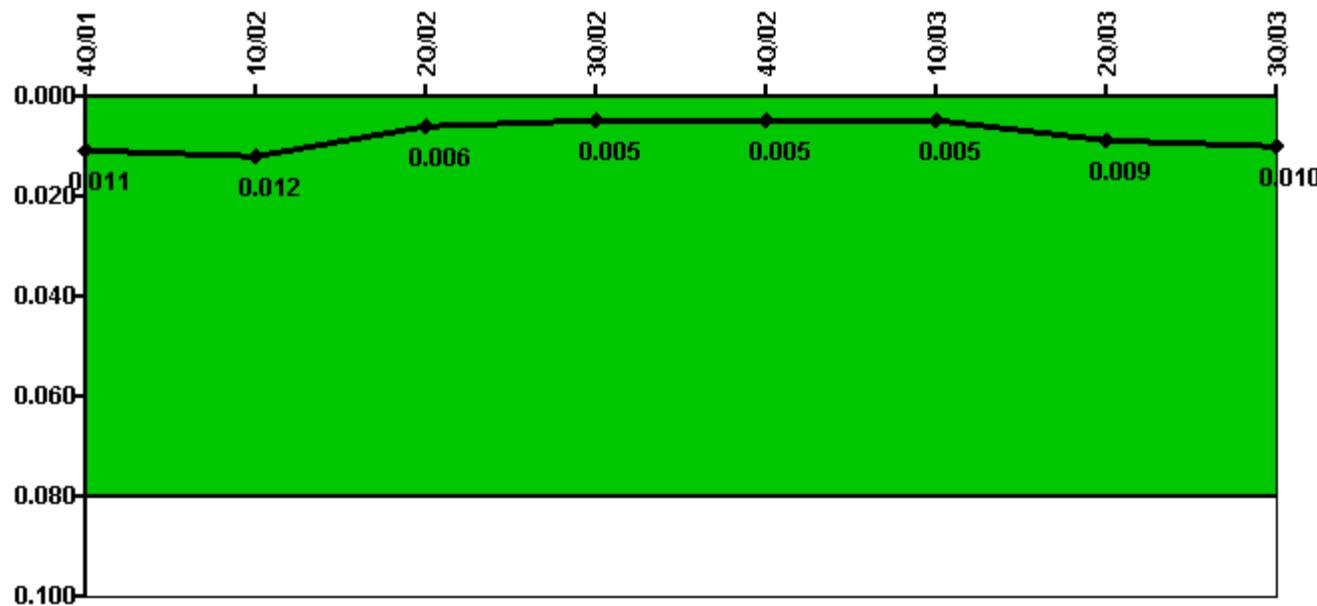
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	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	1.13	0	27.70	40.60	8.30	12.10	133.08	51.97
CCTV compensatory hours	14.3	24.9	0	0	6.2	5.7	0	1.8
IDS normalization factor	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.011	0.012	0.006	0.005	0.005	0.005	0.009	0.010

Licensee Comments: none

Personnel Screening Program

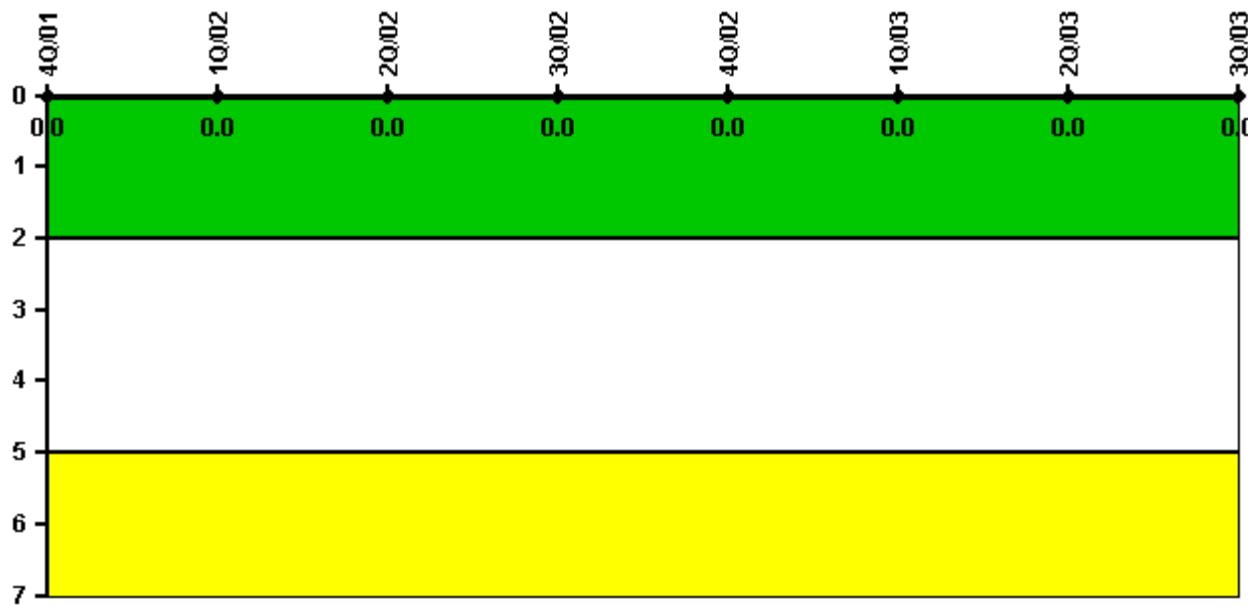


Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none



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

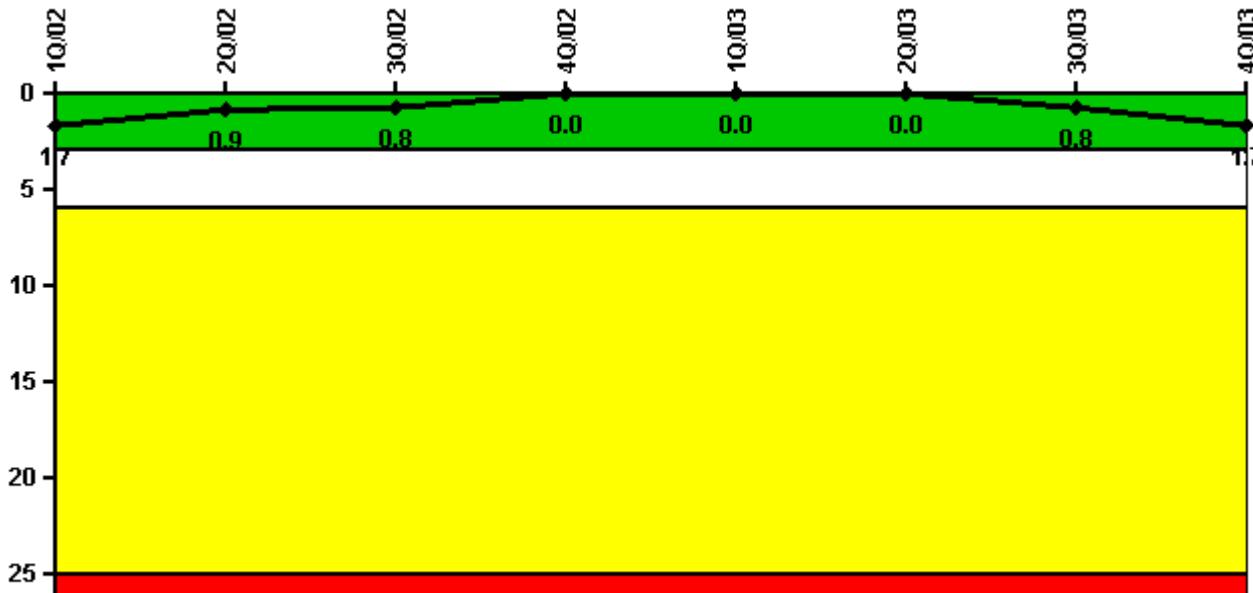
Last Modified: October 22, 2003

Dresden 2

4Q/2003 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Unplanned scrams	0	0	0	0	0	0	1.0	1.0
Critical hours	2160.0	2183.0	2208.0	2209.0	2160.0	2183.0	2204.2	1528.9
Indicator value	1.7	0.9	0.8	0	0	0	0.8	1.7

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

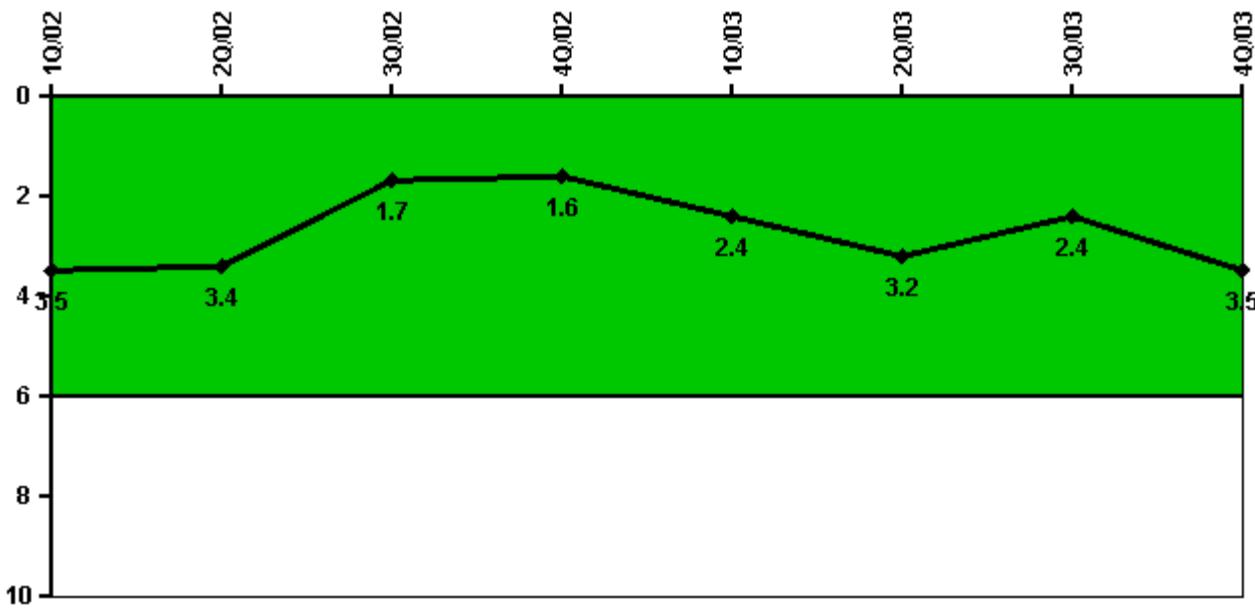
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



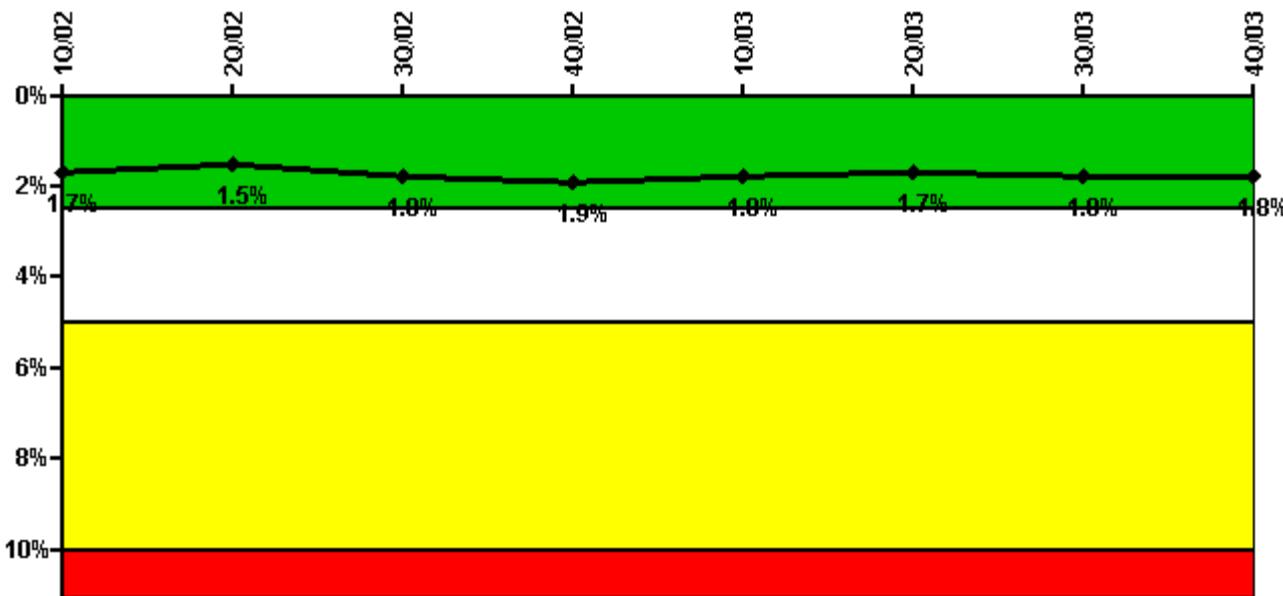
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Unplanned power changes	0	1.0	1.0	0	1.0	2.0	0	1.0
Critical hours	2160.0	2183.0	2208.0	2209.0	2160.0	2183.0	2204.2	1528.9
Indicator value	3.5	3.4	1.7	1.6	2.4	3.2	2.4	3.5

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



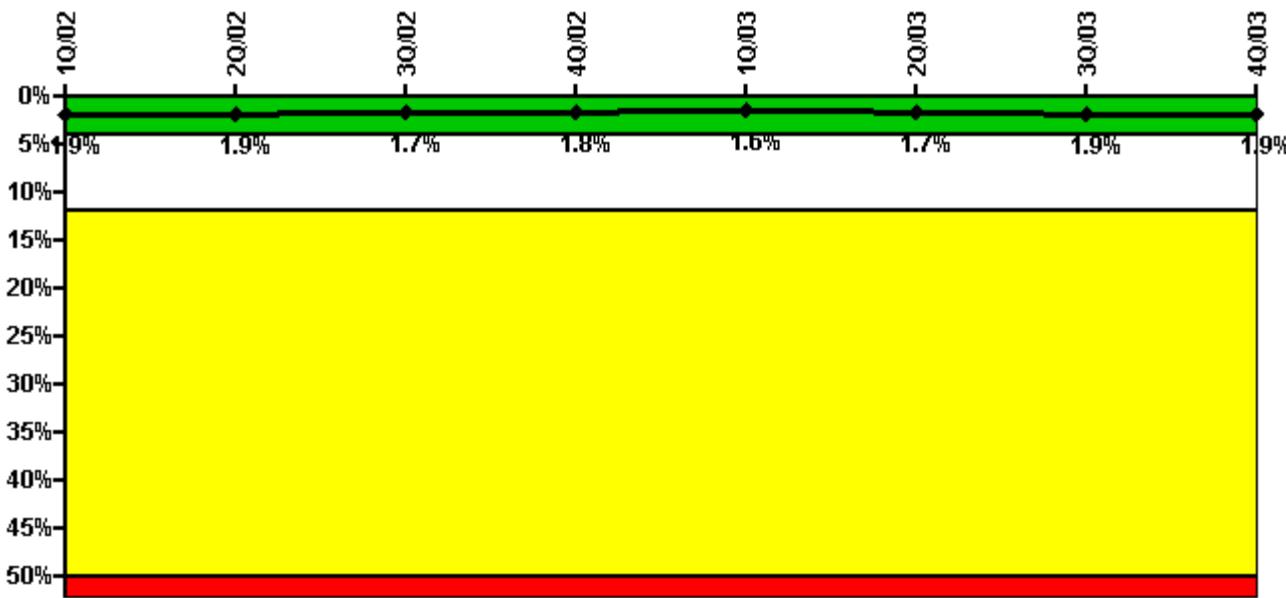
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

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	11.78	24.37	14.61	49.90	21.47	11.20	38.25	5.83
Unplanned unavailable hours	0	0	141.90	0.35	15.75	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	107.35	7.33	66.52	8.59	6.50	31.22	38.02	29.15
Unplanned unavailable hours	0	1.00	3.27	5.67	4.23	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Indicator value	1.7%	1.5%	1.8%	1.9%	1.8%	1.7%	1.8%	1.8%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)



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

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Train 1								
Planned unavailable hours	104.00	32.51	39.50	25.93	102.98	16.17	11.38	5.15
Unplanned unavailable hours	0	0	0	4.18	10.53	16.25	26.50	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	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2204.22	1528.92
Indicator value	1.9%	1.9%	1.7%	1.8%	1.6%	1.7%	1.9%	1.9%

Licensee Comments: none

Safety System Unavailability, Heat Removal System

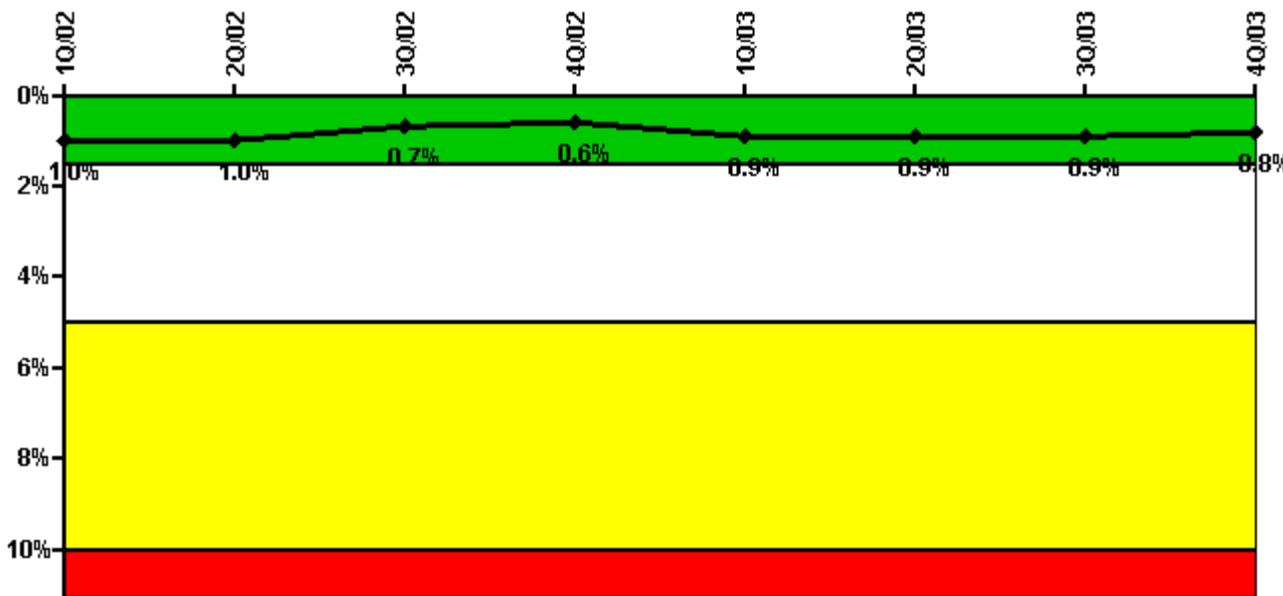
Thresholds under development / review

Notes

Safety System Unavailability, Heat Removal System	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Train 1								
Planned unavailable hours								
Unplanned unavailable hours								
Fault exposure hours								
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours								
Indicator value								

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



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

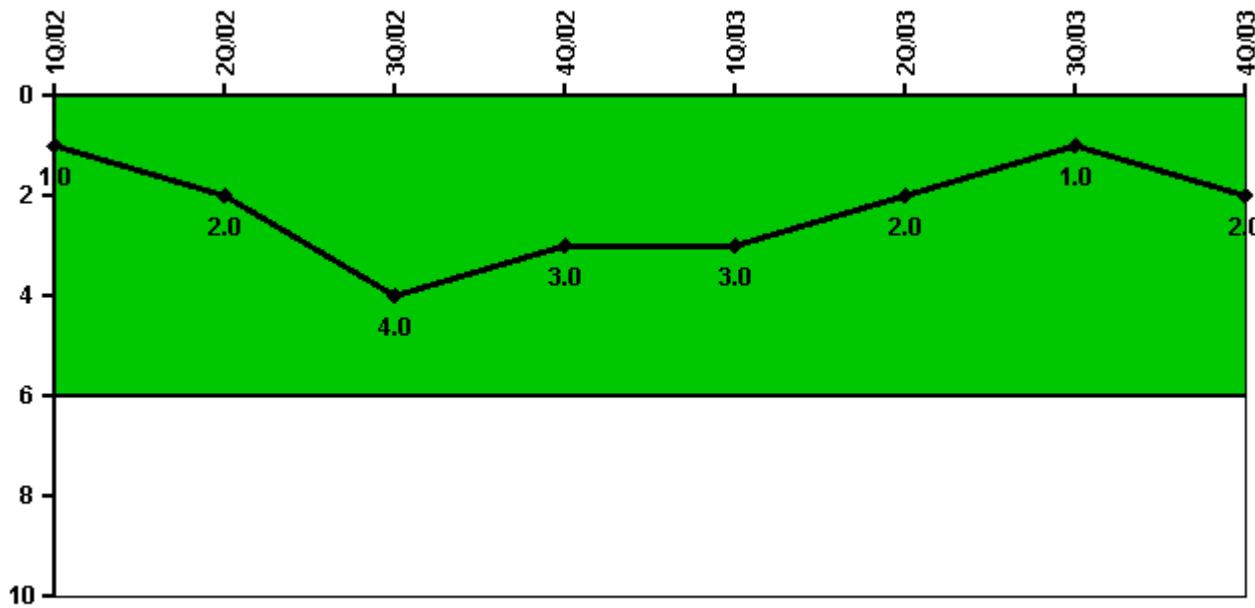
Notes

Safety System Unavailability, Residual Heat Removal System	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Train 1								
Planned unavailable hours	52.70	3.12	0	0	125.72	2.97	6.05	24.37
Unplanned unavailable hours	39.92	21.48	0	0	1.97	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2204.22	2209.00
Train 2								
Planned unavailable hours	0	40.98	0	0	113.92	2.38	0	6.40
Unplanned unavailable hours	80.05	0	44.97	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2204.22	2209.00
Train 3								
Planned unavailable hours	0	0	25.28	0	0	0	16.60	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0.42
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 4								
Planned unavailable hours	0	0	25.28	0	0	0	16.58	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	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00

Indicator value	1.0%	1.0%	0.7%	0.6%	0.9%	0.9%	0.9%	0.8%
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Licensee Comments: none

Safety System Functional Failures (BWR)



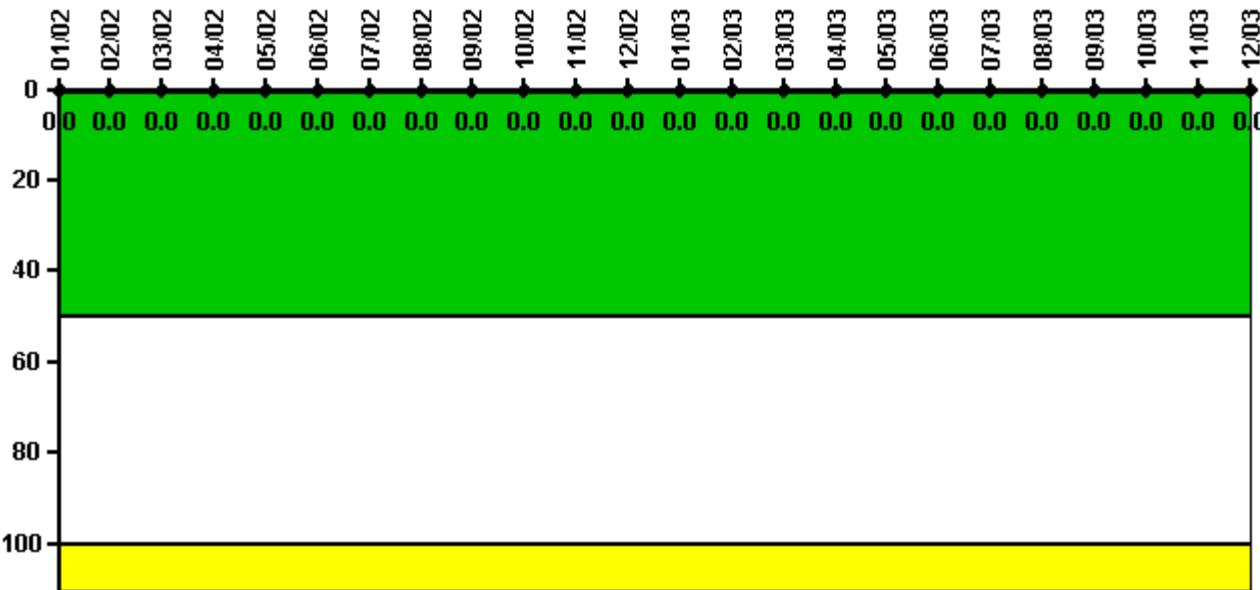
Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



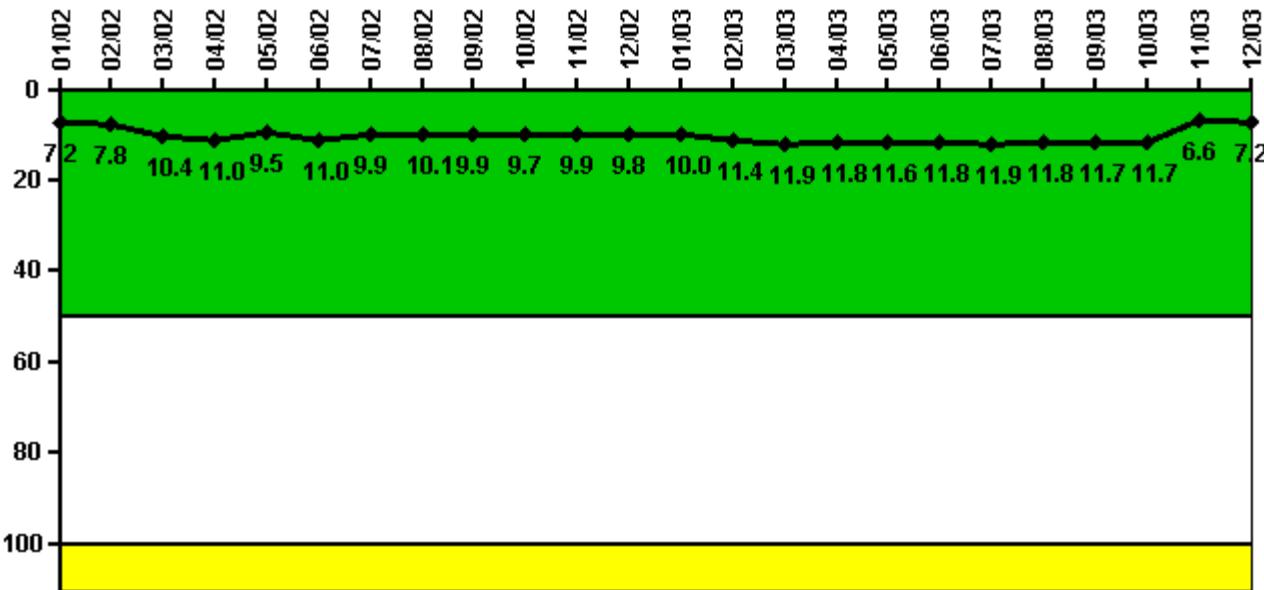
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02
Maximum activity	0.000006	0.000008	0.000026	0.000004	0.000006	0.000006	0.000008	0.000024	0.000005	0.000006	0.000005	0.000029
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
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	0.000006	0.000006	0.000006	0.000013	0.000017	0.000025	0.000005	0.000004	0.000005	0.000004	0.000010	0.000010
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



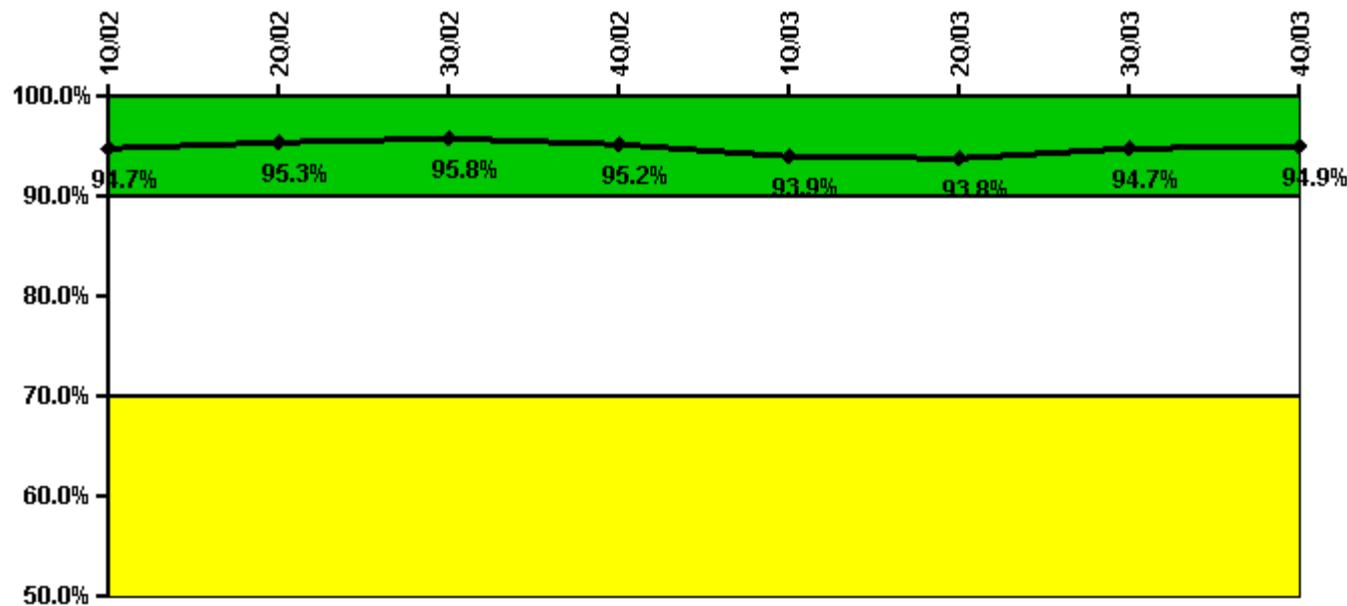
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02
Maximum leakage	1.795	1.953	2.610	2.750	2.387	2.741	2.483	2.532	2.468	2.433	2.485	2.457
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	7.2	7.8	10.4	11.0	9.5	11.0	9.9	10.1	9.9	9.7	9.9	9.8
Reactor Coolant System Leakage	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03
Maximum leakage	2.505	2.853	2.987	2.957	2.890	2.945	2.978	2.938	2.937	2.913	1.653	1.790
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	10.0	11.4	11.9	11.8	11.6	11.8	11.9	11.8	11.7	11.7	6.6	7.2

Licensee Comments: none

Drill/Exercise Performance



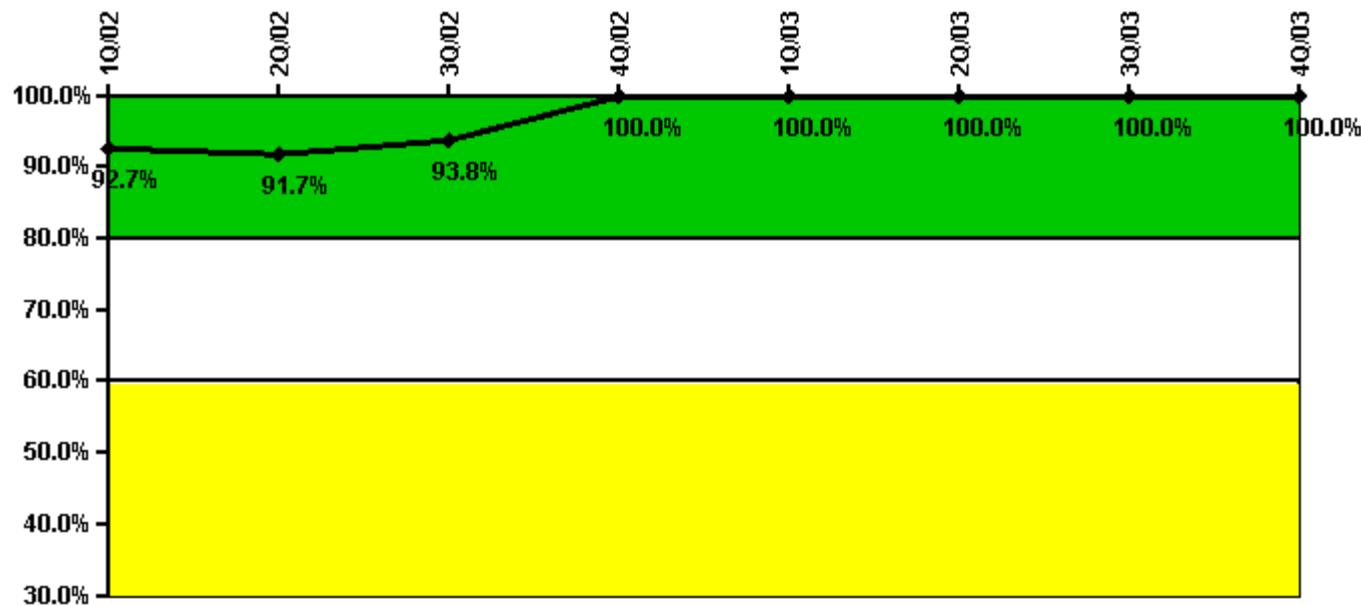
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Successful opportunities	14.0	12.0	1.0	39.0	27.0	56.0	56.0	0
Total opportunities	14.0	12.0	1.0	40.0	30.0	61.0	58.0	0
Indicator value	94.7%	95.3%	95.8%	95.2%	93.9%	93.8%	94.7%	94.9%

Licensee Comments: none

ERO Drill Participation



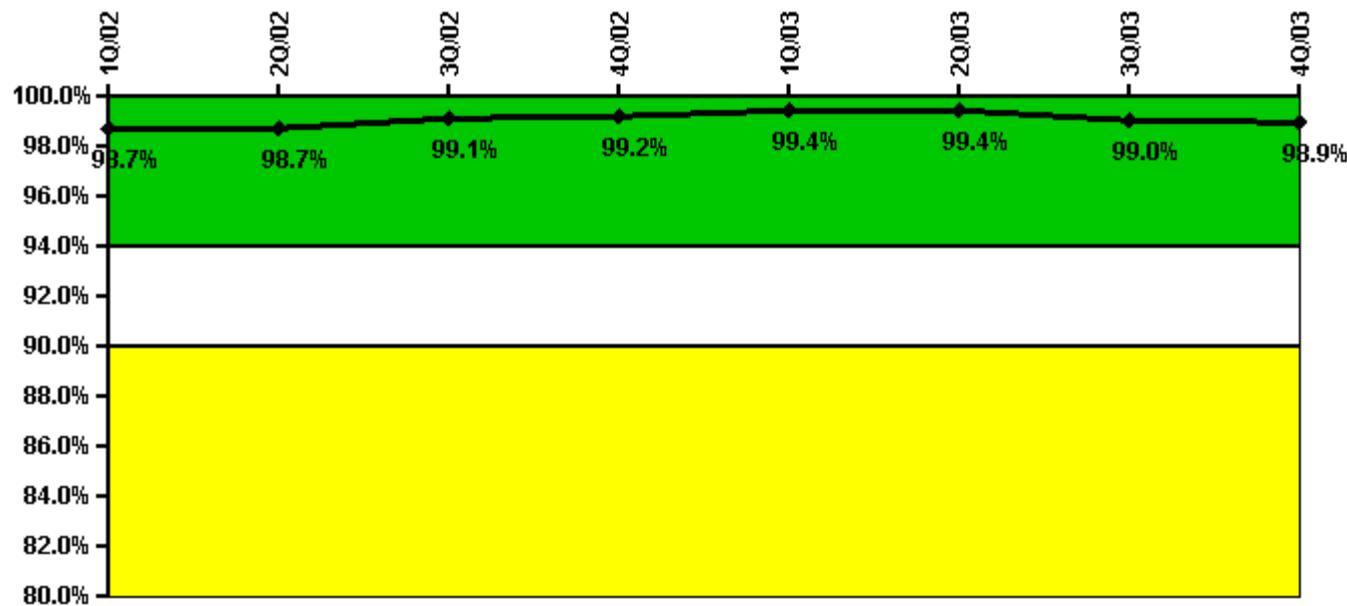
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Participating Key personnel	38.0	44.0	45.0	47.0	51.0	50.0	50.0	49.0
Total Key personnel	41.0	48.0	48.0	47.0	51.0	50.0	50.0	49.0
Indicator value	92.7%	91.7%	93.8%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



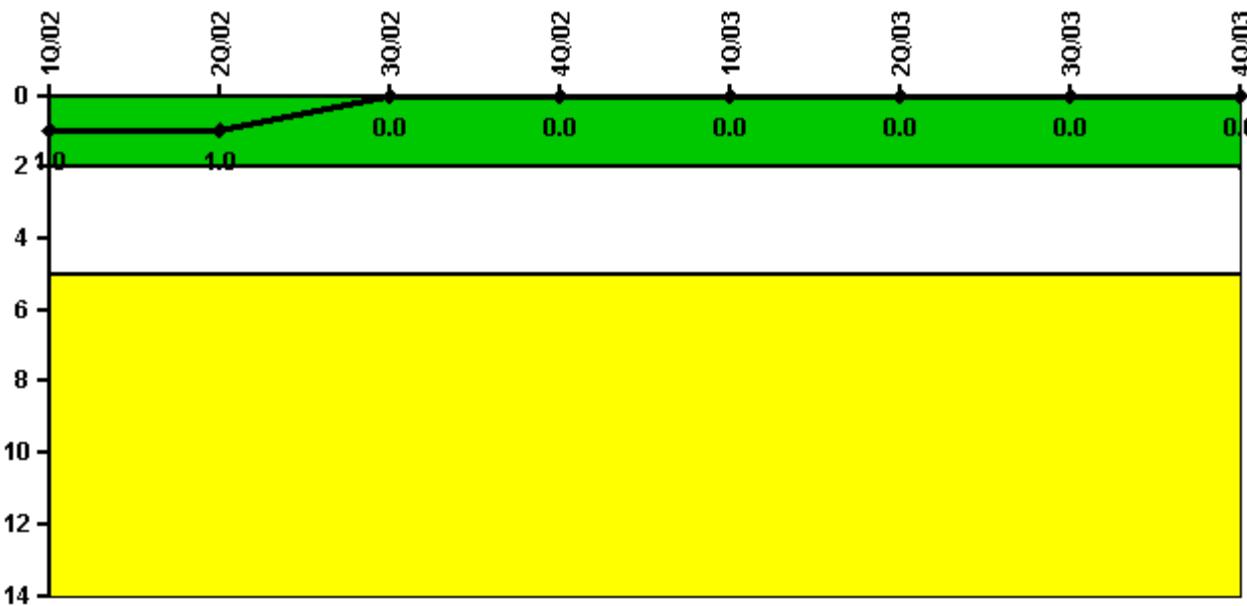
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Successful siren-tests	4923	4979	5035	5047	4961	4974	4897	4964
Total sirens-tests	4977	5056	5056	5056	4977	5056	4994	4992
Indicator value	98.7%	98.7%	99.1%	99.2%	99.4%	99.4%	99.0%	98.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness

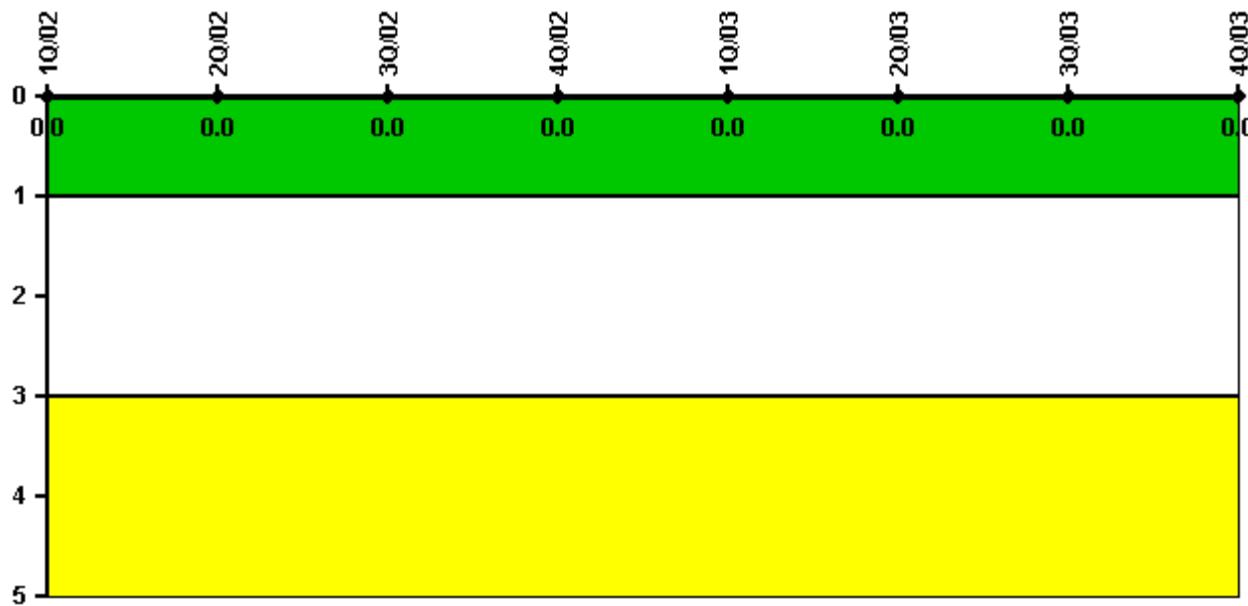


Thresholds: White > 2.0 Yellow > 5.0

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	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent

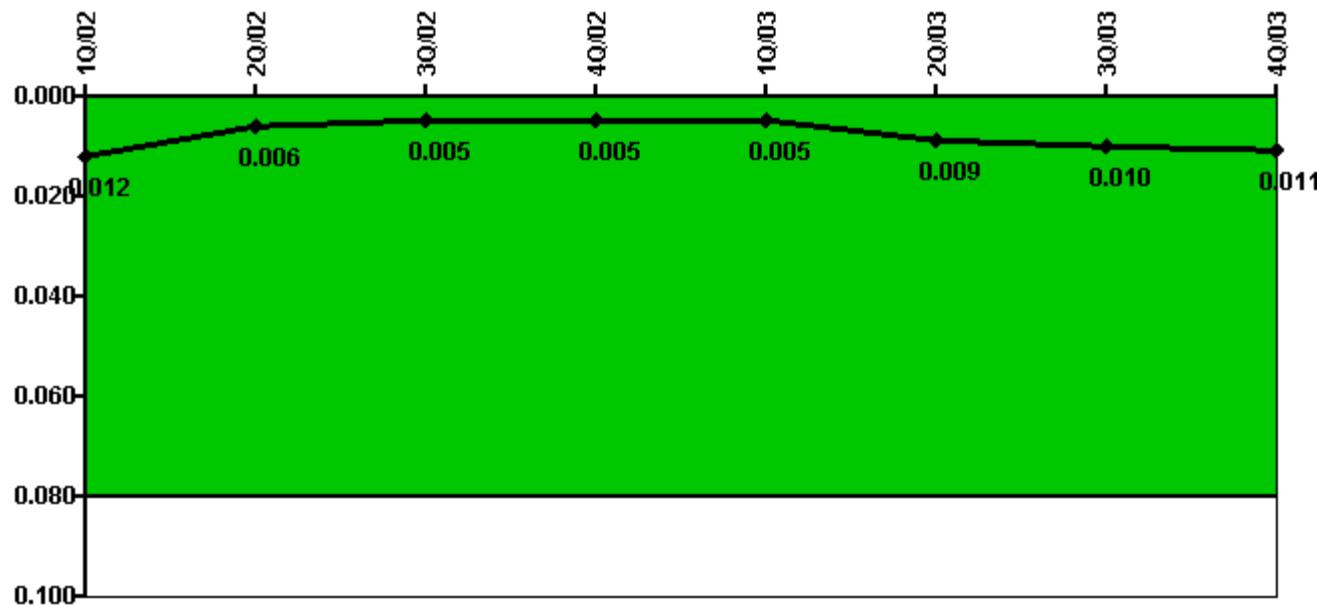
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/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



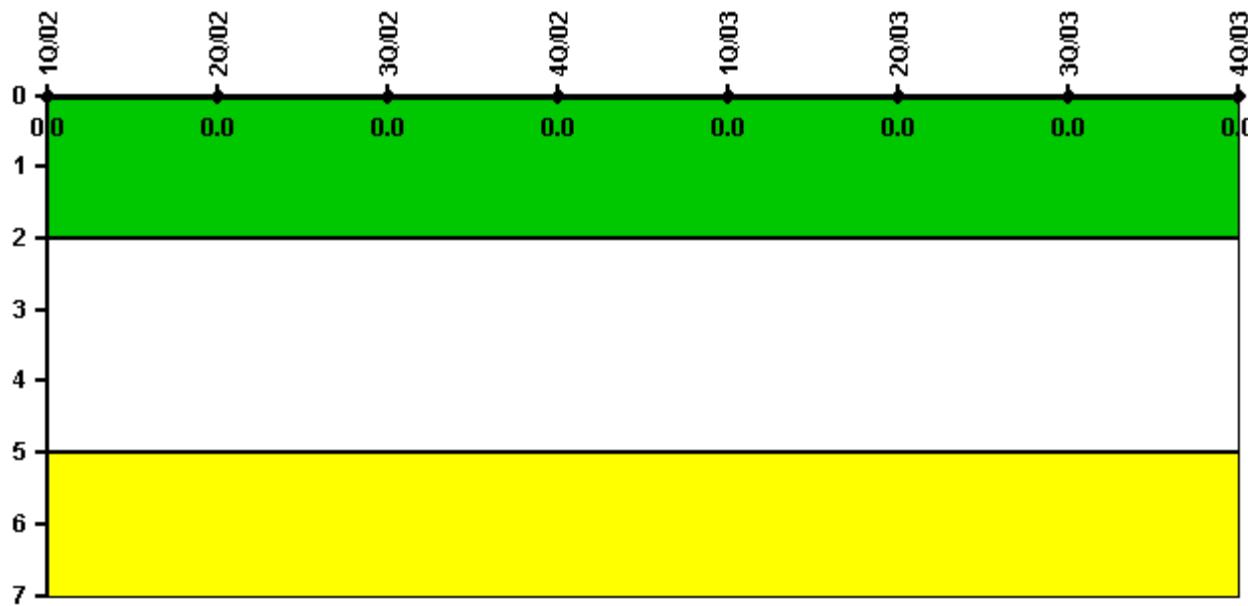
Thresholds: White > 0.080

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	0	27.70	40.60	8.30	12.10	133.08	51.97	38.99
CCTV compensatory hours	24.9	0	0	6.2	5.7	0	1.8	7.7
IDS normalization factor	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.012	0.006	0.005	0.005	0.005	0.009	0.010	0.011

Licensee Comments: none

Personnel Screening Program

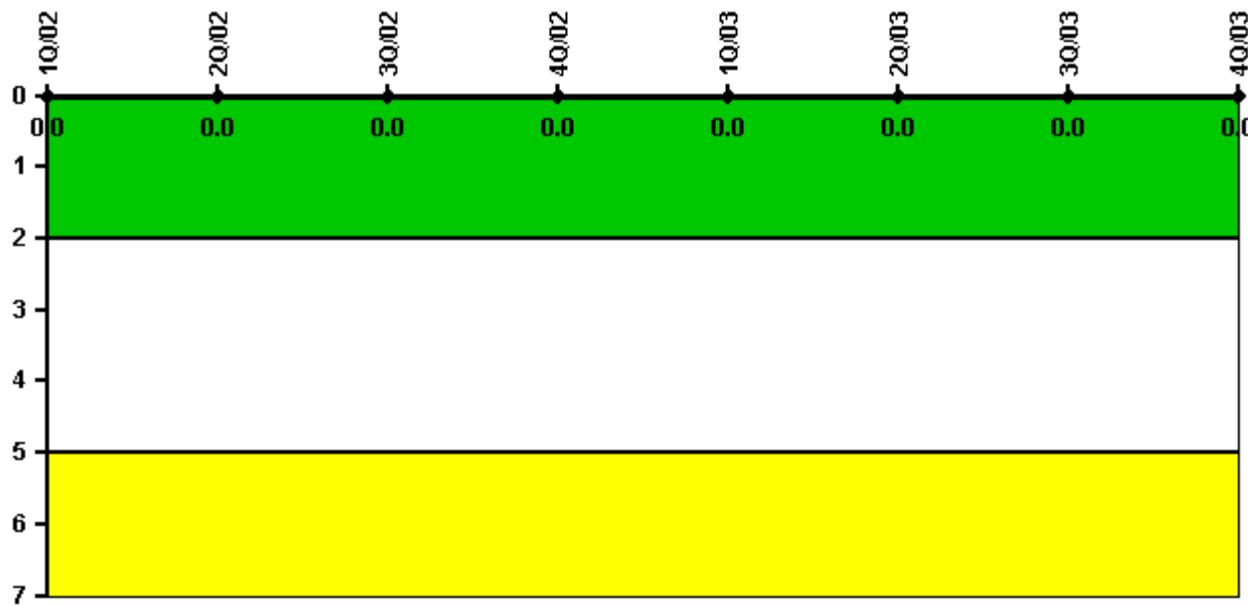


Thresholds: White > 2.0 Yellow > 5.0

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

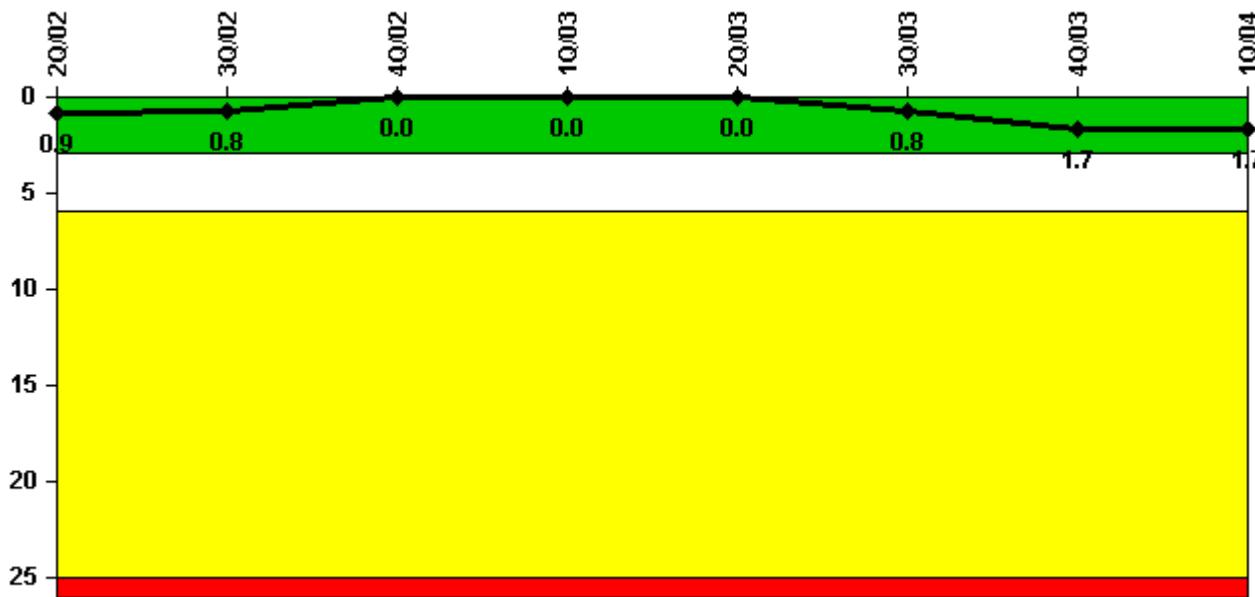


[PI Summary](#) | [Inspection Findings Summary](#) | [Reactor Oversight Process](#)

Last Modified: January 23, 2004

Dresden 2**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	0	0	0	1.0	1.0	0
Critical hours	2183.0	2208.0	2209.0	2160.0	2183.0	2204.2	1528.9	2184.0
Indicator value	0.9	0.8	0	0	0	0.8	1.7	1.7

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

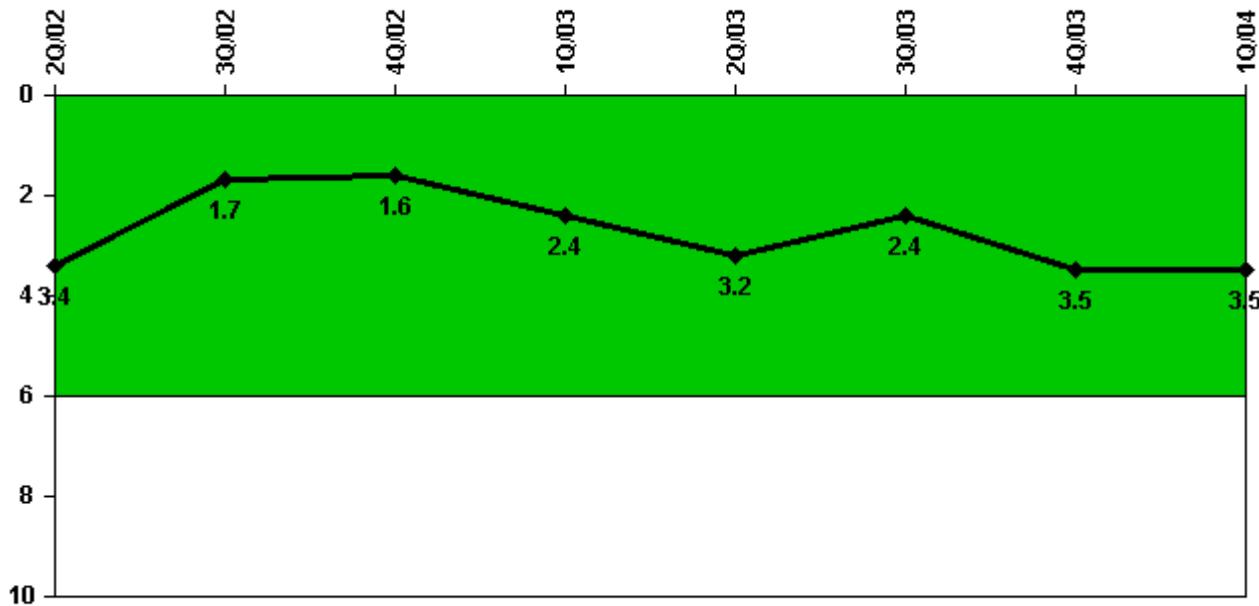
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



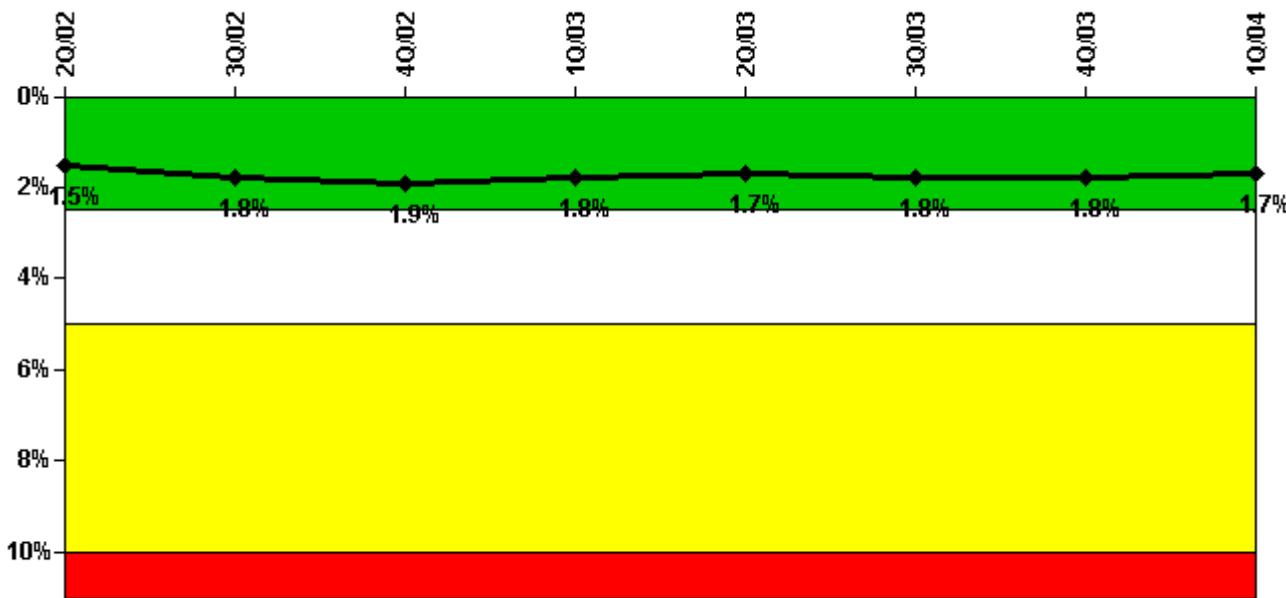
Thresholds: White > 6.0

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	1.0	1.0	0	1.0	2.0	0	1.0	1.0
Critical hours	2183.0	2208.0	2209.0	2160.0	2183.0	2204.2	1528.9	2184.0
Indicator value	3.4	1.7	1.6	2.4	3.2	2.4	3.5	3.5

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



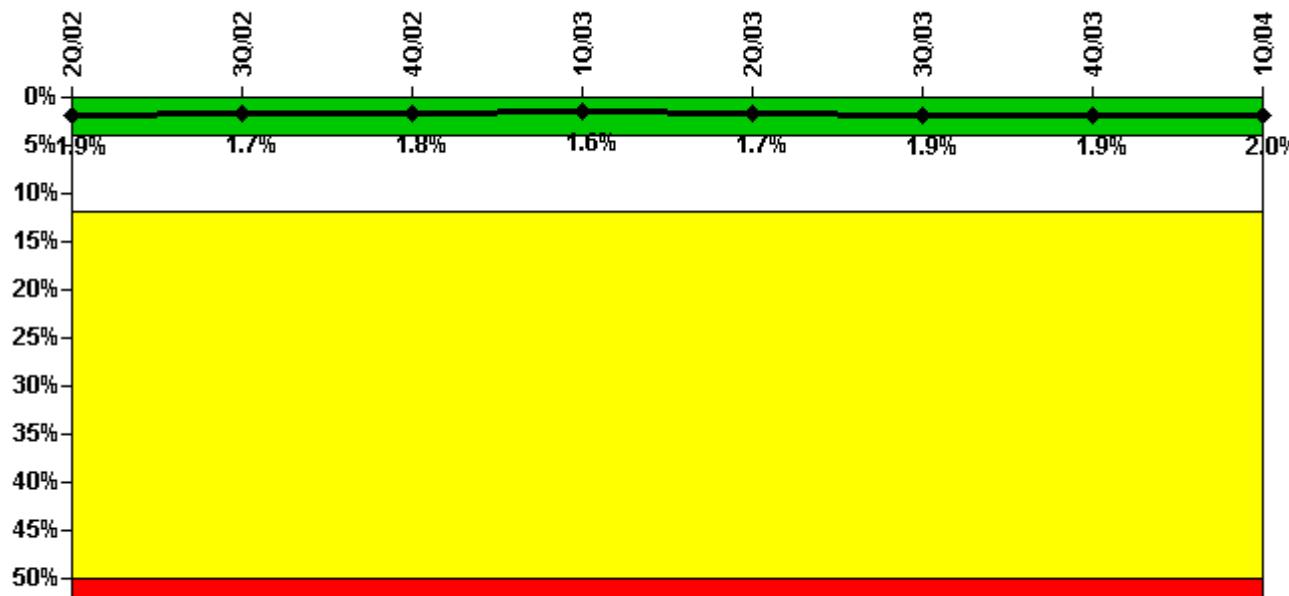
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

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	24.37	14.61	49.90	21.47	11.20	38.25	5.83	7.56
Unplanned unavailable hours	0	141.90	0.35	15.75	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00
Train 2								
Planned unavailable hours	7.33	66.52	8.59	6.50	31.22	38.02	29.15	96.19
Unplanned unavailable hours	1.00	3.27	5.67	4.23	0	0	0	3.10
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00
Indicator value	1.5%	1.8%	1.9%	1.8%	1.7%	1.8%	1.8%	1.7%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)



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

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	32.51	39.50	25.93	102.98	16.17	11.38	5.15	74.90
Unplanned unavailable hours	0	0	4.18	10.53	16.25	26.50	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2204.22	1528.92	2184.00
Indicator value	1.9%	1.7%	1.8%	1.6%	1.7%	1.9%	1.9%	2.0%

Licensee Comments:

1Q/04: Following the Unit 3 scram on 01/30/2004, water entered the HPCI Steam line making the system unavailable. This was caused by an improper set point in the Feedwater Level Control System which has existed since the beginning of EPU operation until set point changes were made. This condition is a design deficiency that could not be detected through normal surveillance testing. For Unit 2, this condition existed at least from 11/07/01 until a setpoint change was made on 02/02/04, for a total of 18,937 critical hours. For Unit 3, this condition existed at least from 10/26/02 until a setpoint change was made on 02/01/04, for a total of 10,506 critical hours. A detailed model of the Feedwater Level Control system is being developed to analyze the system response both prior to and subsequent to the set point changes.

Safety System Unavailability, Heat Removal System

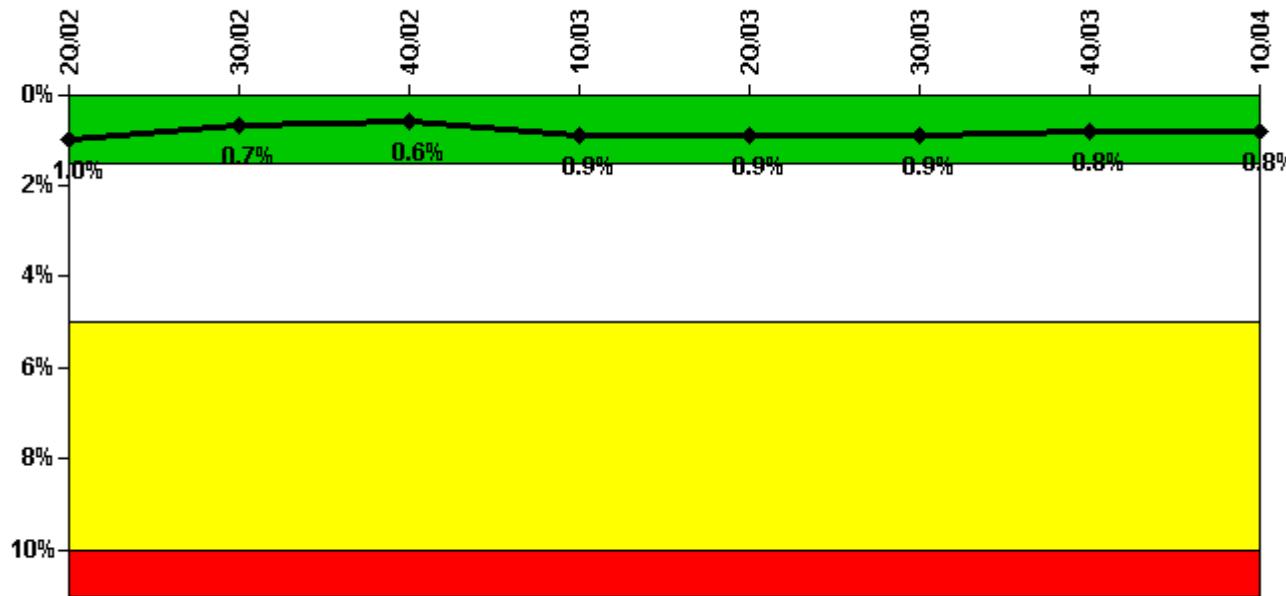
Thresholds under development / review

Notes

Safety System Unavailability, Heat Removal System	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours								
Unplanned unavailable hours								
Fault exposure hours								
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours								
Indicator value								

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



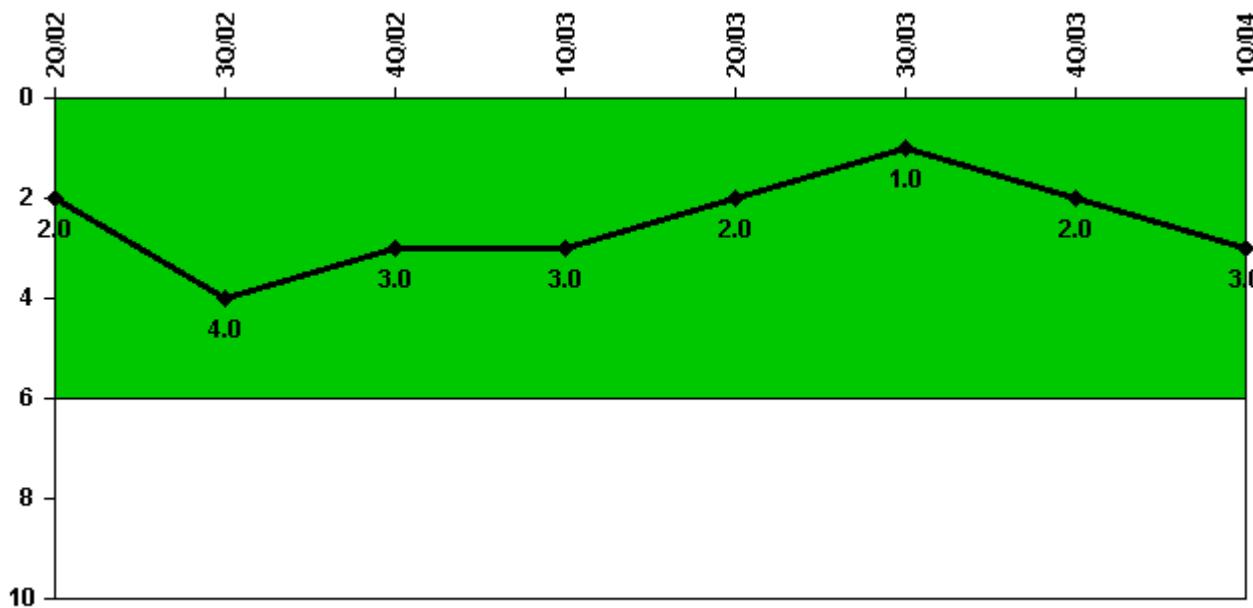
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

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	3.12	0	0	125.72	2.97	6.05	24.37	18.90
Unplanned unavailable hours	21.48	0	0	1.97	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2204.22	2209.00	2184.00
Train 2								
Planned unavailable hours	40.98	0	0	113.92	2.38	0	6.40	4.72
Unplanned unavailable hours	0	44.97	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2204.22	2209.00	2184.00
Train 3								
Planned unavailable hours	0	25.28	0	0	0	16.60	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0.42	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00
Train 4								
Planned unavailable hours	0	25.28	0	0	0	16.58	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	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00
Indicator value	1.0%	0.7%	0.6%	0.9%	0.9%	0.9%	0.8%	0.8%

Licensee Comments: none

Safety System Functional Failures (BWR)



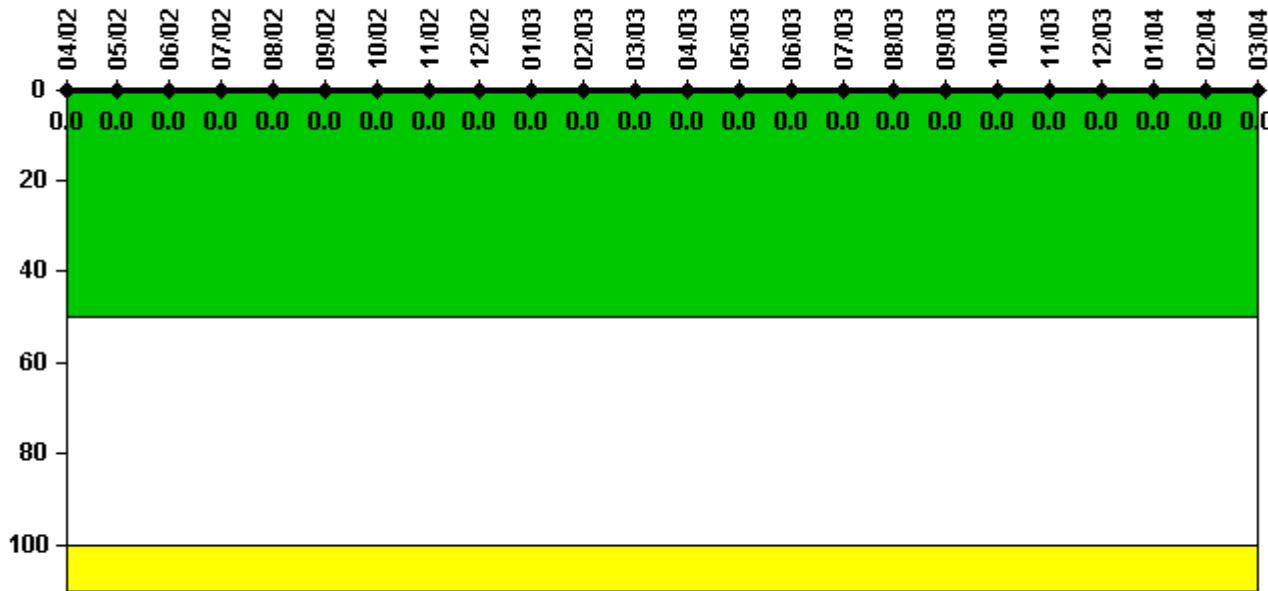
Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

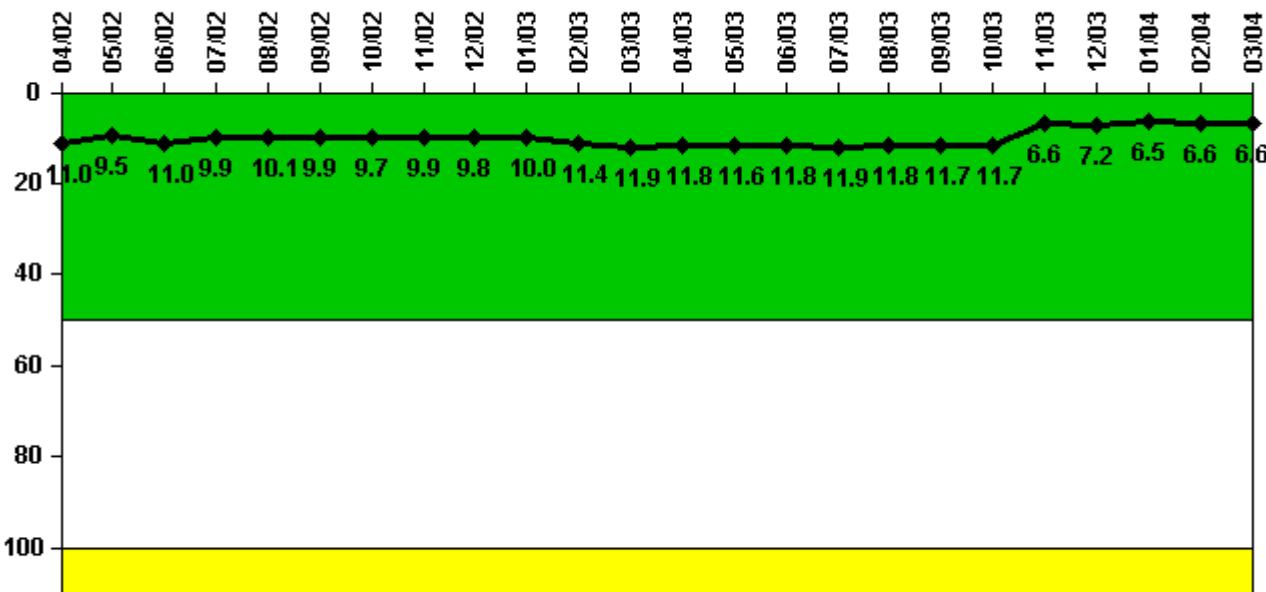
Notes

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	0.000004	0.000006	0.000006	0.000008	0.000024	0.000005	0.000006	0.000005	0.000029	0.000006	0.000006	0.000006
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

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	0.000013	0.000017	0.000025	0.000005	0.000004	0.000005	0.000004	0.000010	0.000010	0.000008	0.000035	0.000006
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

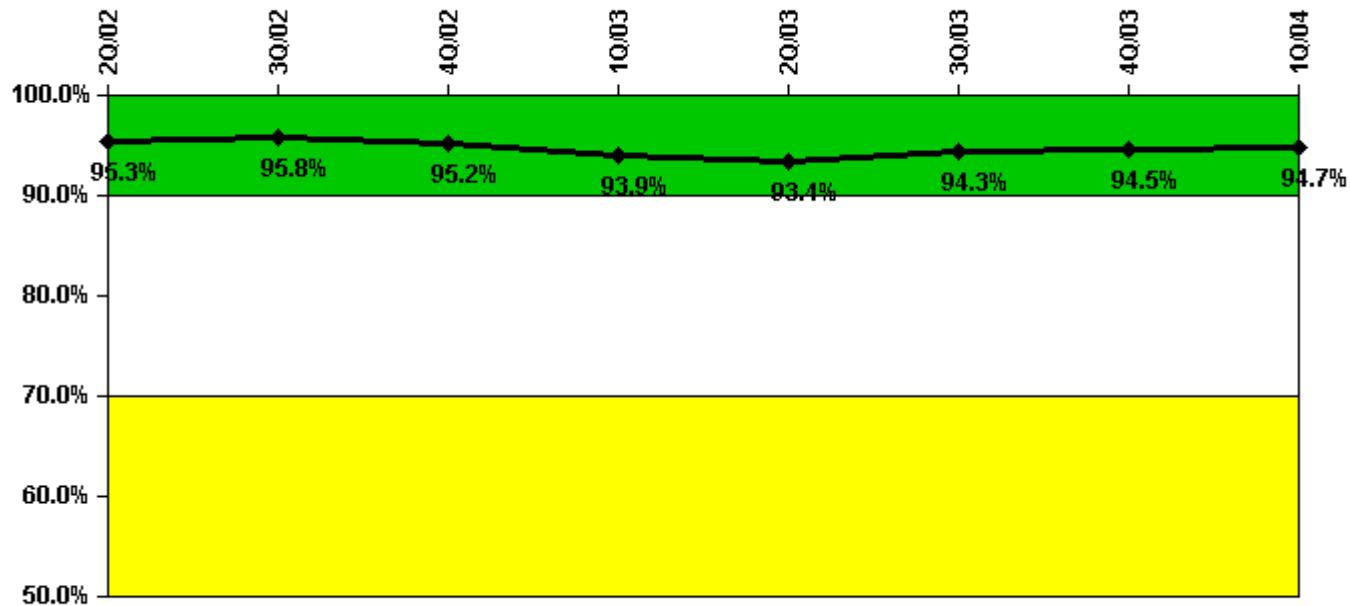
Notes

Reactor Coolant System Leakage	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03
Maximum leakage	2.750	2.387	2.741	2.483	2.532	2.468	2.433	2.485	2.457	2.505	2.853	2.987
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	11.0	9.5	11.0	9.9	10.1	9.9	9.7	9.9	9.8	10.0	11.4	11.9

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	2.957	2.890	2.945	2.978	2.938	2.937	2.913	1.653	1.790	1.625	1.643	1.638
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	11.8	11.6	11.8	11.9	11.8	11.7	11.7	6.6	7.2	6.5	6.6	6.6

Licensee Comments: none

Drill/Exercise Performance



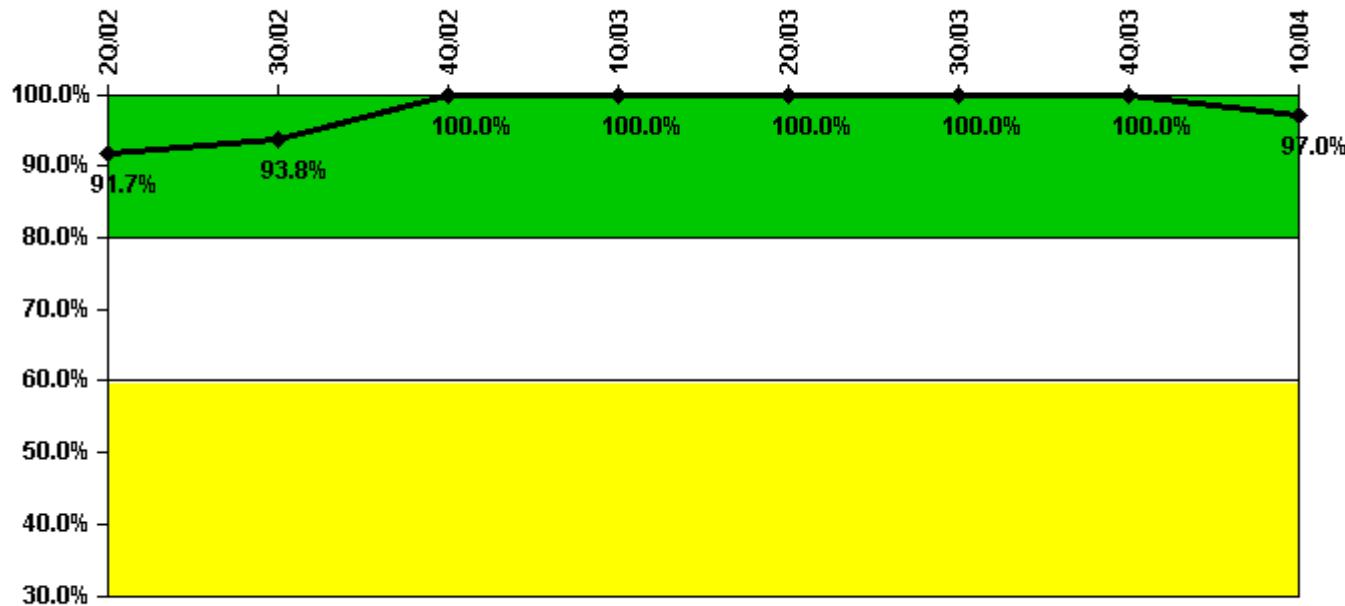
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Successful opportunities	12.0	1.0	39.0	27.0	56.0	56.0	0	22.0
Total opportunities	12.0	1.0	40.0	30.0	62.0	58.0	0	22.0
Indicator value	95.3%	95.8%	95.2%	93.9%	93.4%	94.3%	94.5%	94.7%

Licensee Comments: none

ERO Drill Participation



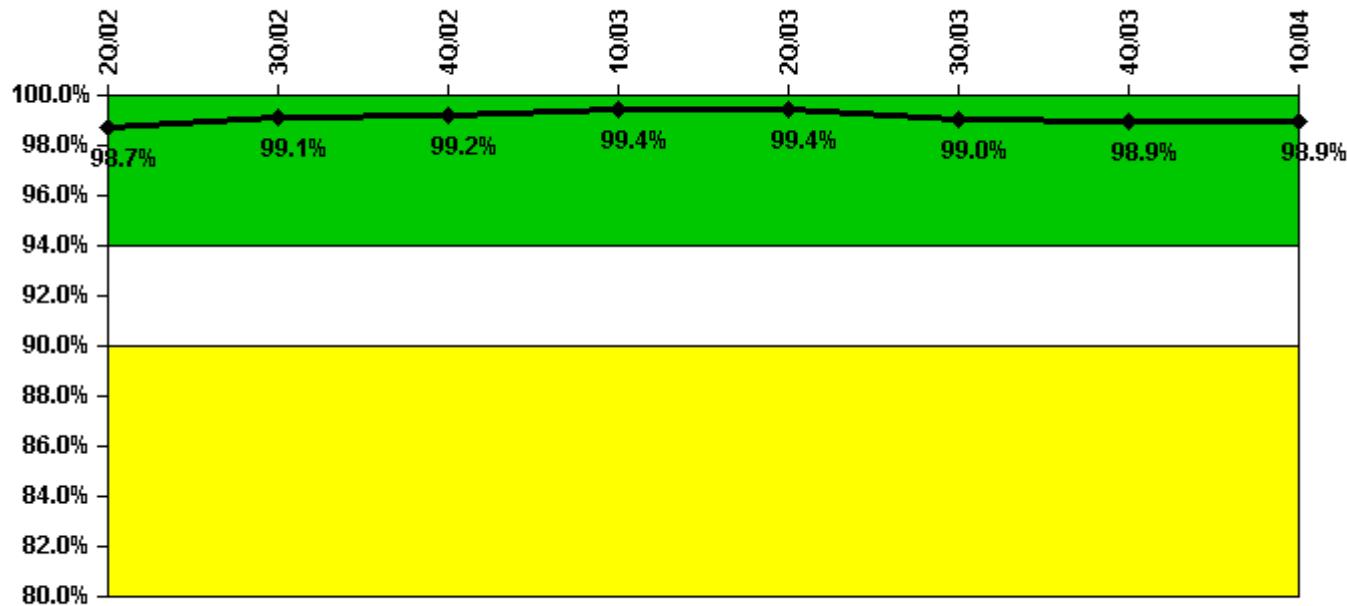
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Participating Key personnel	44.0	45.0	47.0	51.0	50.0	50.0	49.0	64.0
Total Key personnel	48.0	48.0	47.0	51.0	50.0	50.0	49.0	66.0
Indicator value	91.7%	93.8%	100.0%	100.0%	100.0%	100.0%	100.0%	97.0%

Licensee Comments: none

Alert & Notification System

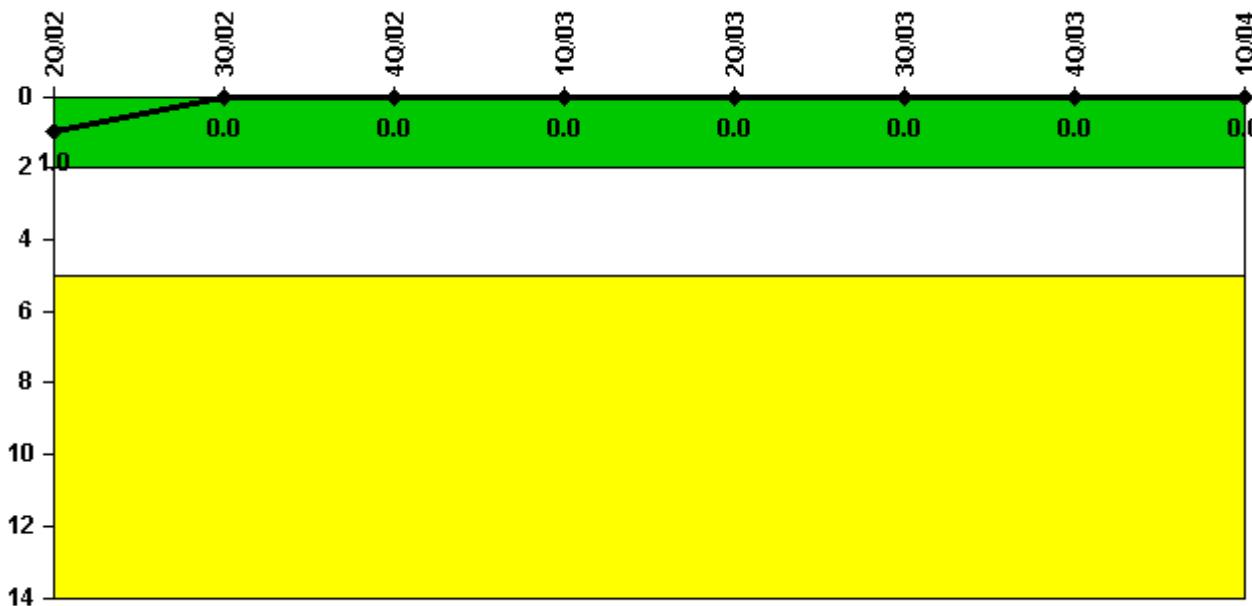


Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Successful siren-tests	4979	5035	5047	4961	4974	4897	4964	4974
Total sirens-tests	5056	5056	5056	4977	5056	4994	4992	4992
Indicator value	98.7%	99.1%	99.2%	99.4%	99.4%	99.0%	98.9%	98.9%

Licensee Comments: none

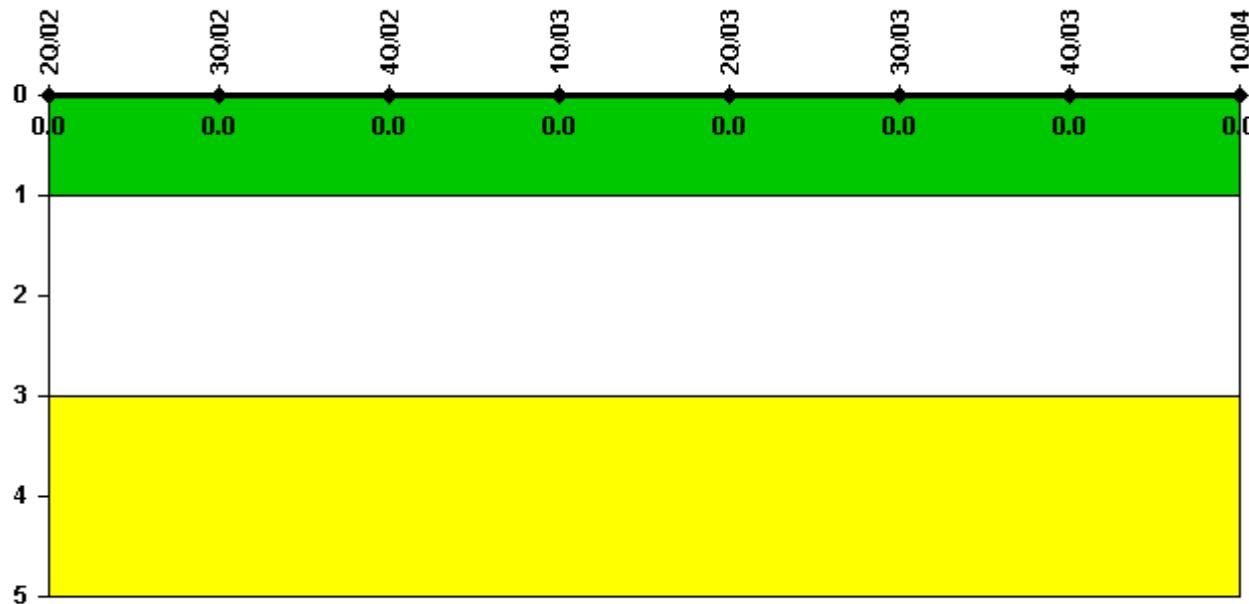
Occupational Exposure Control Effectiveness

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	0						

Licensee Comments: none

RETS/ODCM Radiological Effluent

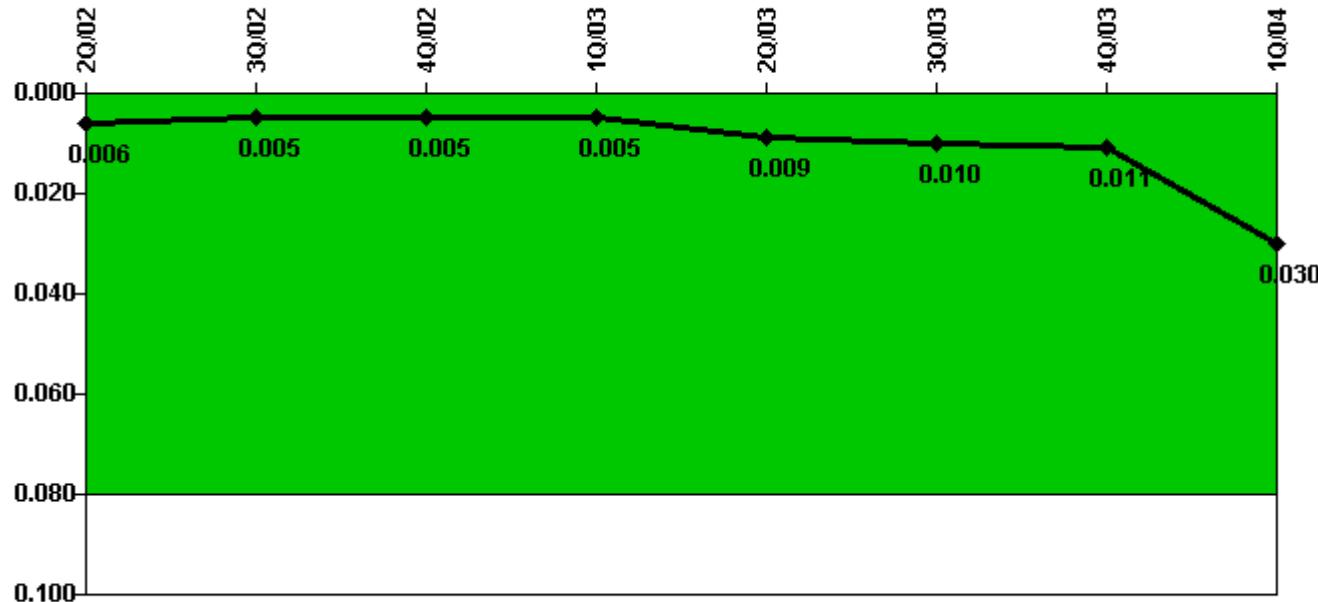
Thresholds: White > 1.0 Yellow > 3.0

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

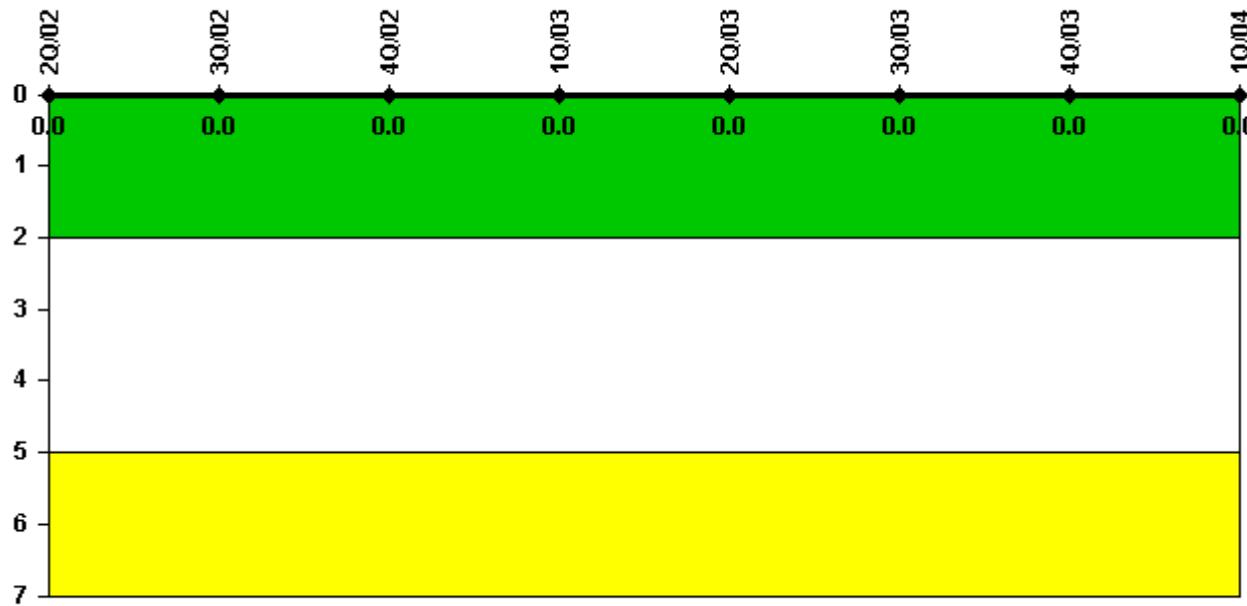


Thresholds: White > 0.080

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	27.70	40.60	8.30	12.10	133.08	51.97	38.99	165.75
CCTV compensatory hours	0	0	6.2	5.7	0	1.8	7.7	217.7
IDS normalization factor	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.006	0.005	0.005	0.005	0.009	0.010	0.011	0.030

Licensee Comments: none

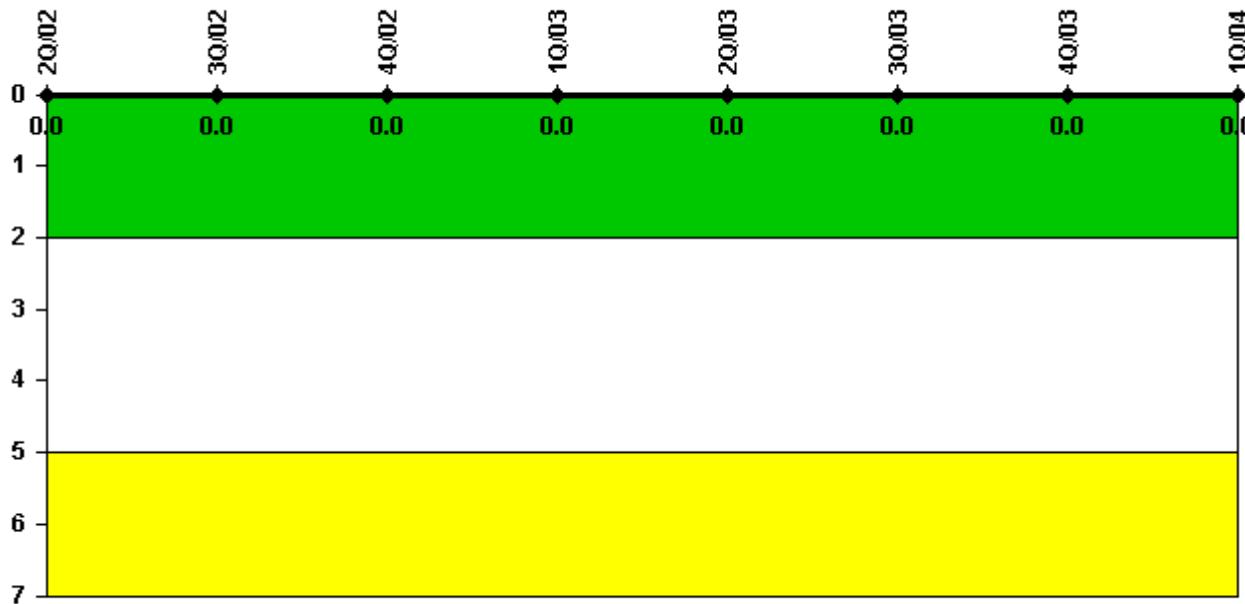
Personnel Screening Program

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



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Last Modified: April 22, 2004

Dresden 2**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	0	0	0	1.0	1.0	0	2.0
Critical hours	2208.0	2209.0	2160.0	2183.0	2204.2	1528.9	2184.0	1844.0
Indicator value	0.8	0	0	0	0.8	1.7	1.7	3.6

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



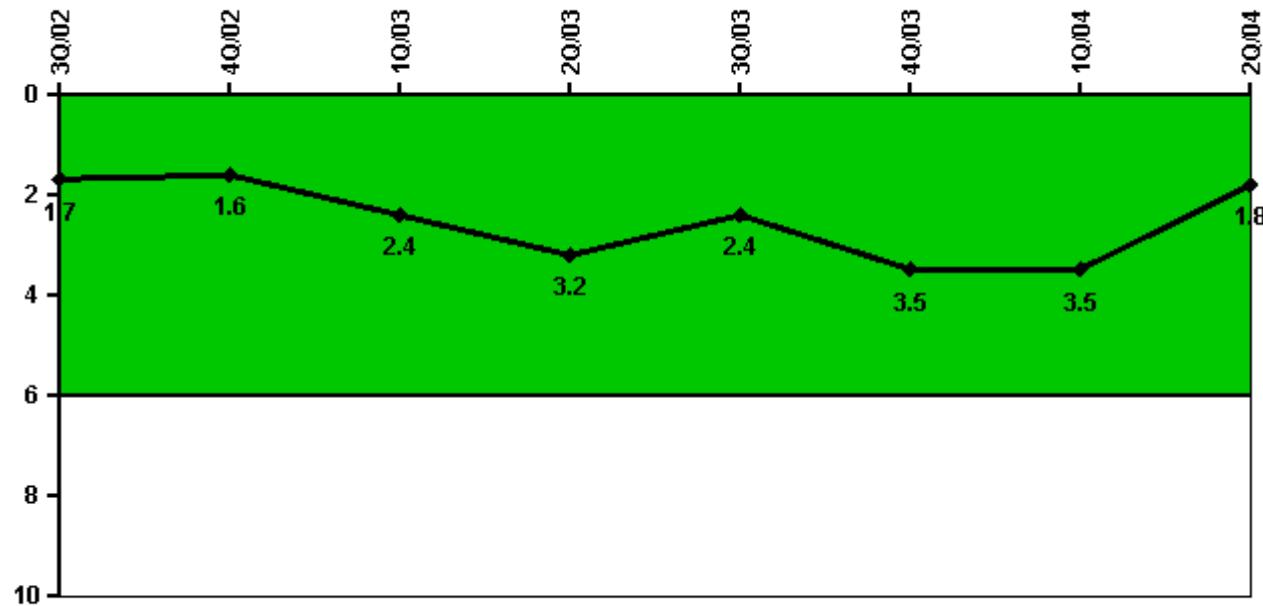
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



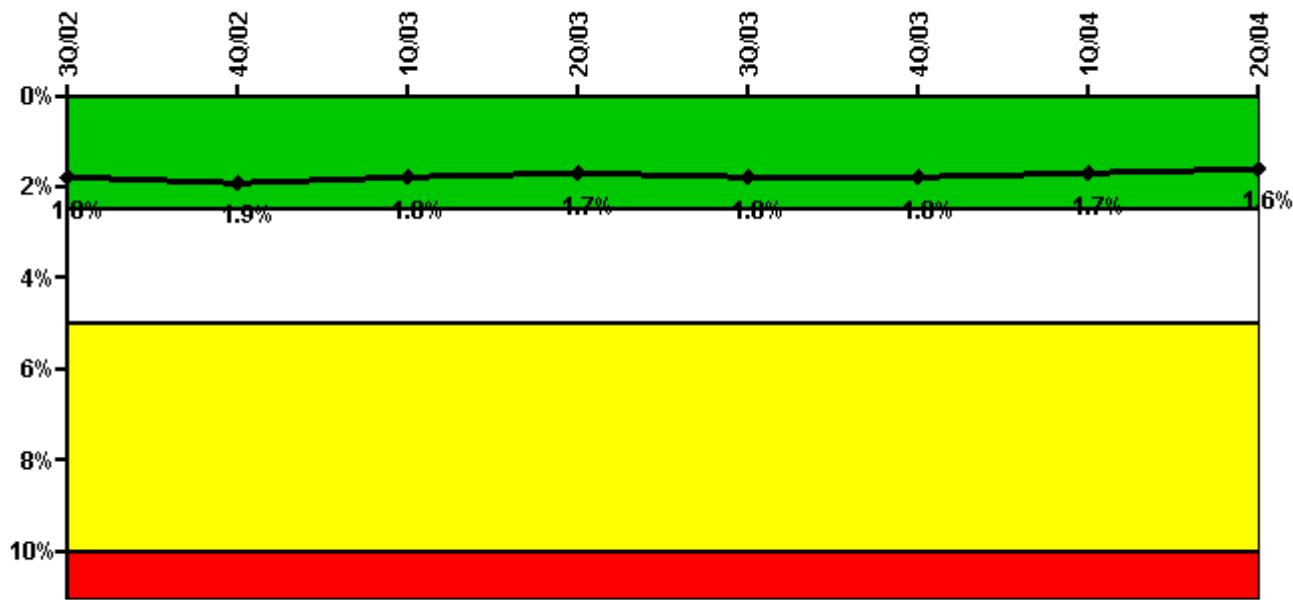
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Unplanned power changes	1.0	0	1.0	2.0	0	1.0	1.0	0
Critical hours	2208.0	2209.0	2160.0	2183.0	2204.2	1528.9	2184.0	1844.0
Indicator value	1.7	1.6	2.4	3.2	2.4	3.5	3.5	1.8

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



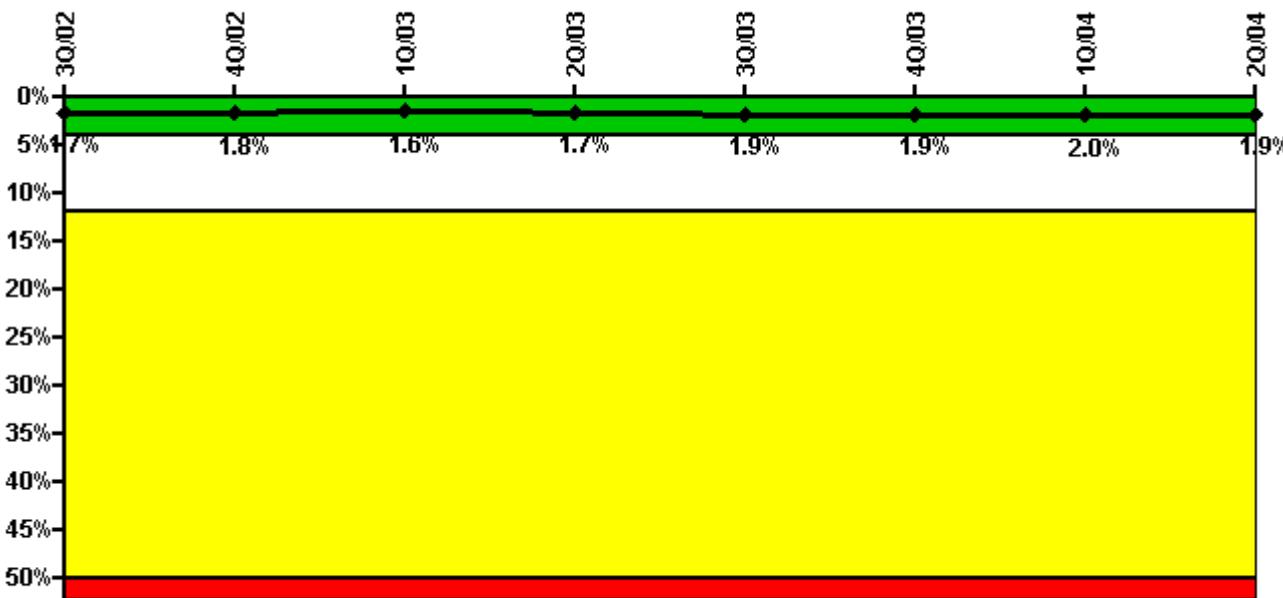
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours	14.61	49.90	21.47	11.20	38.25	5.83	7.56	9.76
Unplanned unavailable hours	141.90	0.35	15.75	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00
Train 2								
Planned unavailable hours	66.52	8.59	6.50	31.22	38.02	29.15	96.19	8.36
Unplanned unavailable hours	3.27	5.67	4.23	0	0	0	3.10	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00
Indicator value	1.8%	1.9%	1.8%	1.7%	1.8%	1.8%	1.7%	1.6%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)



Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours	39.50	25.93	102.98	16.17	11.38	5.15	74.90	0
Unplanned unavailable hours	0	4.18	10.53	16.25	26.50	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	2208.00	2209.00	2160.00	2183.00	2204.22	1528.92	2184.00	1844.00
Indicator value	1.7%	1.8%	1.6%	1.7%	1.9%	1.9%	2.0%	1.9%

Licensee Comments: none

Safety System Unavailability, Heat Removal System

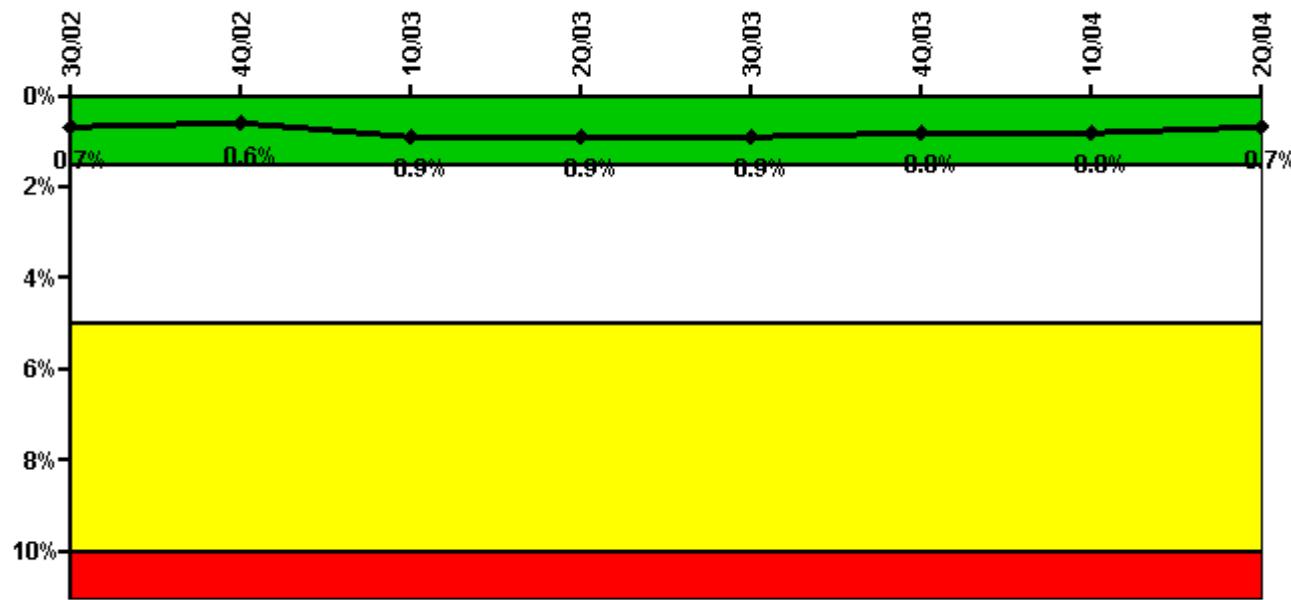
Thresholds under development / review

Notes

Safety System Unavailability, Heat Removal System	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours								
Unplanned unavailable hours								
Fault exposure hours								
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours								
Indicator value								

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

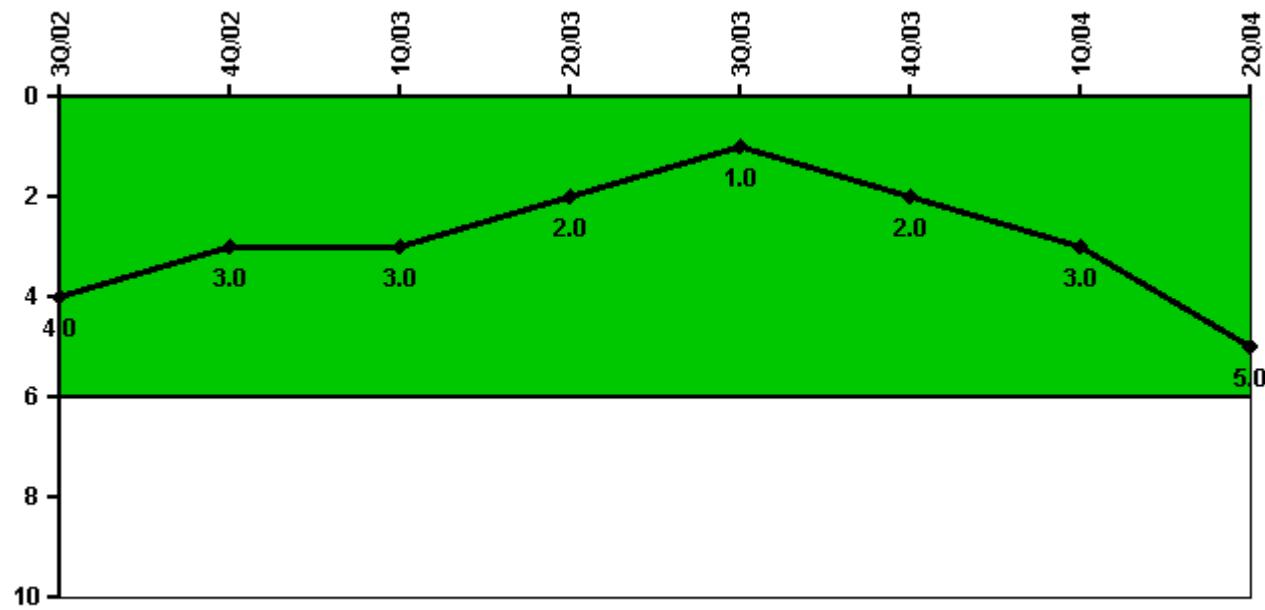


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

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	0	0	125.72	2.97	6.05	24.37	18.90	0
Unplanned unavailable hours	0	0	1.97	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2204.22	2209.00	2184.00	2183.00
Train 2								
Planned unavailable hours	0	0	113.92	2.38	0	6.40	4.72	0
Unplanned unavailable hours	44.97	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2204.22	2209.00	2184.00	2183.00
Train 3								
Planned unavailable hours	25.28	0	0	0	16.60	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0.42	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00
Train 4								
Planned unavailable hours	25.28	0	0	0	16.58	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	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00
Indicator value	0.7%	0.6%	0.9%	0.9%	0.9%	0.8%	0.8%	0.7%

Safety System Functional Failures (BWR)



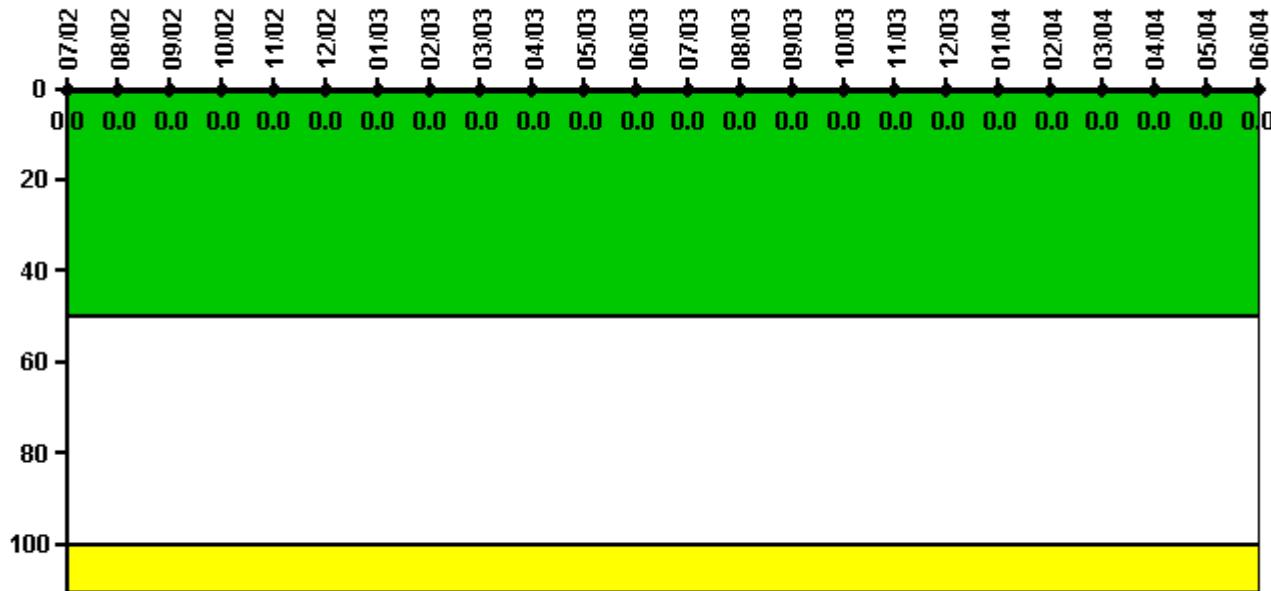
Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Safety System Functional Failures	2	0	0	0	1	1	1	2
Indicator value	4	3	3	2	1	2	3	5

Licensee Comments: none

Reactor Coolant System Activity



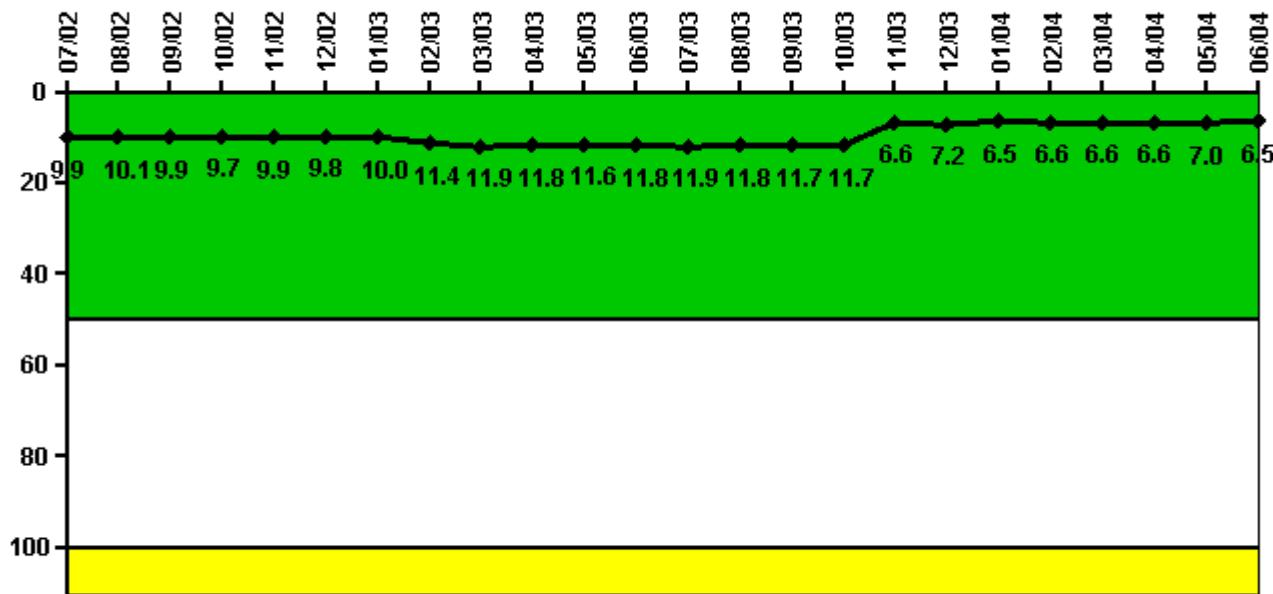
Thresholds: White > 50.0 Yellow > 100.0

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	0.000008	0.000024	0.000005	0.000006	0.000005	0.000029	0.000006	0.000006	0.000006	0.000013	0.000017	0.000025
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0											
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	0.000005	0.000004	0.000005	0.000004	0.000010	0.000010	0.000008	0.000035	0.000006	0.000008	0.000008	0.000007
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0											

Licensee Comments: none

Reactor Coolant System Leakage



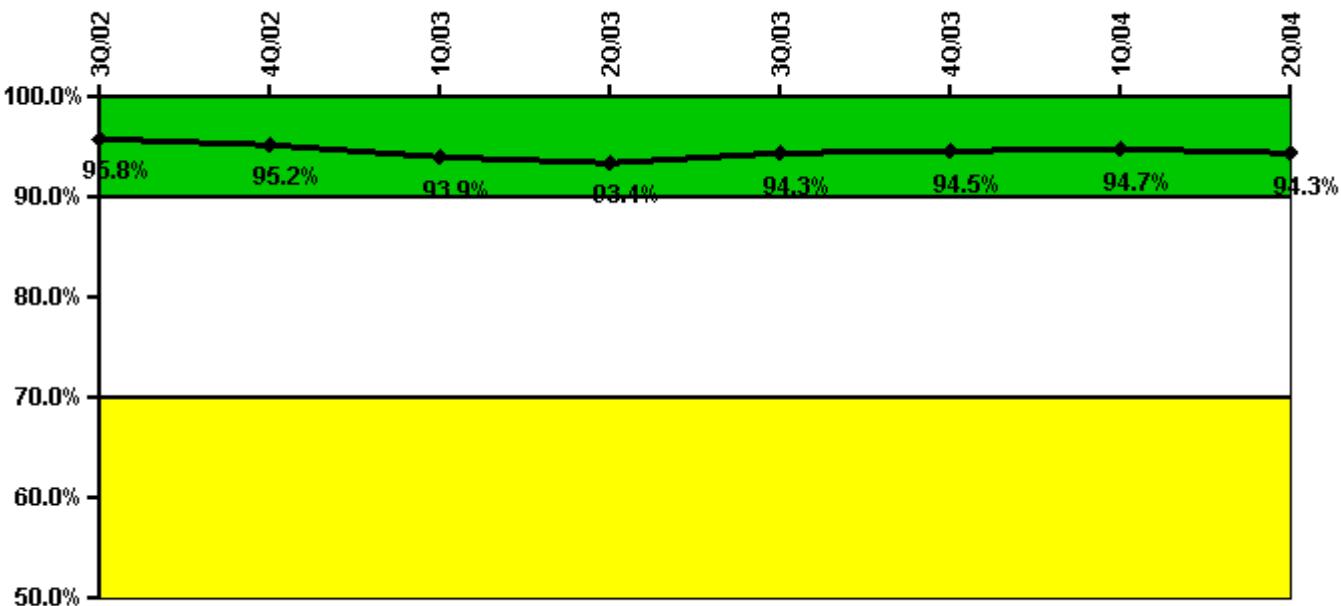
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03
Maximum leakage	2.483	2.532	2.468	2.433	2.485	2.457	2.505	2.853	2.987	2.957	2.890	2.945
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	9.9	10.1	9.9	9.7	9.9	9.8	10.0	11.4	11.9	11.8	11.6	11.8
Reactor Coolant System Leakage	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04
Maximum leakage	2.978	2.938	2.937	2.913	1.653	1.790	1.625	1.643	1.638	1.640	1.740	1.632
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	11.9	11.8	11.7	11.7	6.6	7.2	6.5	6.6	6.6	7.0	6.5	

Licensee Comments: none

Drill/Exercise Performance



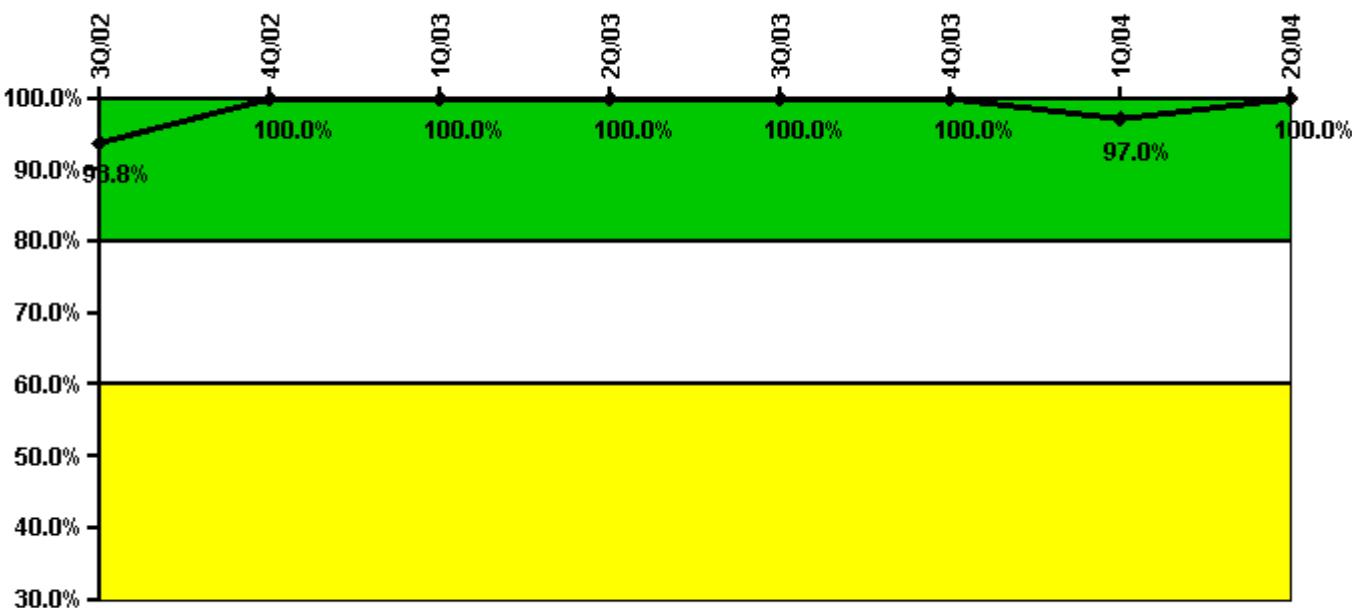
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Successful opportunities	1.0	39.0	27.0	56.0	56.0	0	22.0	32.0
Total opportunities	1.0	40.0	30.0	62.0	58.0	0	22.0	34.0
Indicator value	95.8%	95.2%	93.9%	93.4%	94.3%	94.5%	94.7%	94.3%

Licensee Comments: none

ERO Drill Participation



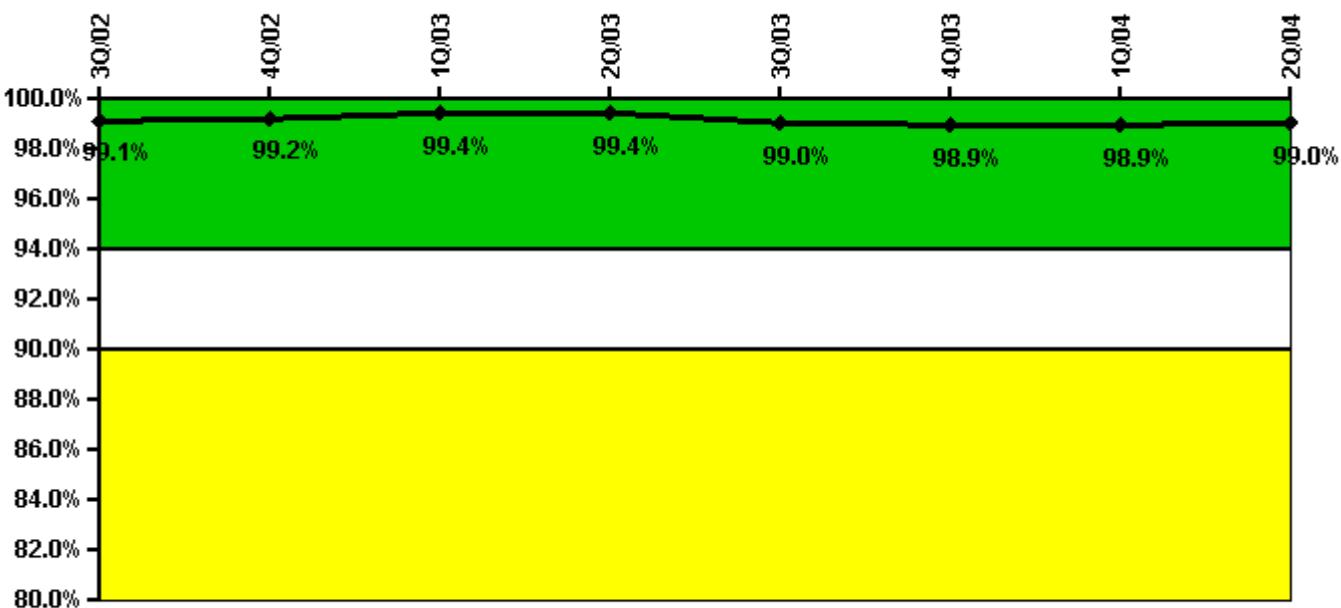
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Participating Key personnel	45.0	47.0	51.0	50.0	50.0	49.0	64.0	60.0
Total Key personnel	48.0	47.0	51.0	50.0	50.0	49.0	66.0	60.0
Indicator value	93.8%	100.0%	100.0%	100.0%	100.0%	100.0%	97.0%	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	5035	5047	4961	4974	4897	4964	4974	4943
Total sirens-tests	5056	5056	4977	5056	4994	4992	4992	4992
Indicator value	99.1%	99.2%	99.4%	99.4%	99.0%	98.9%	98.9%	99.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



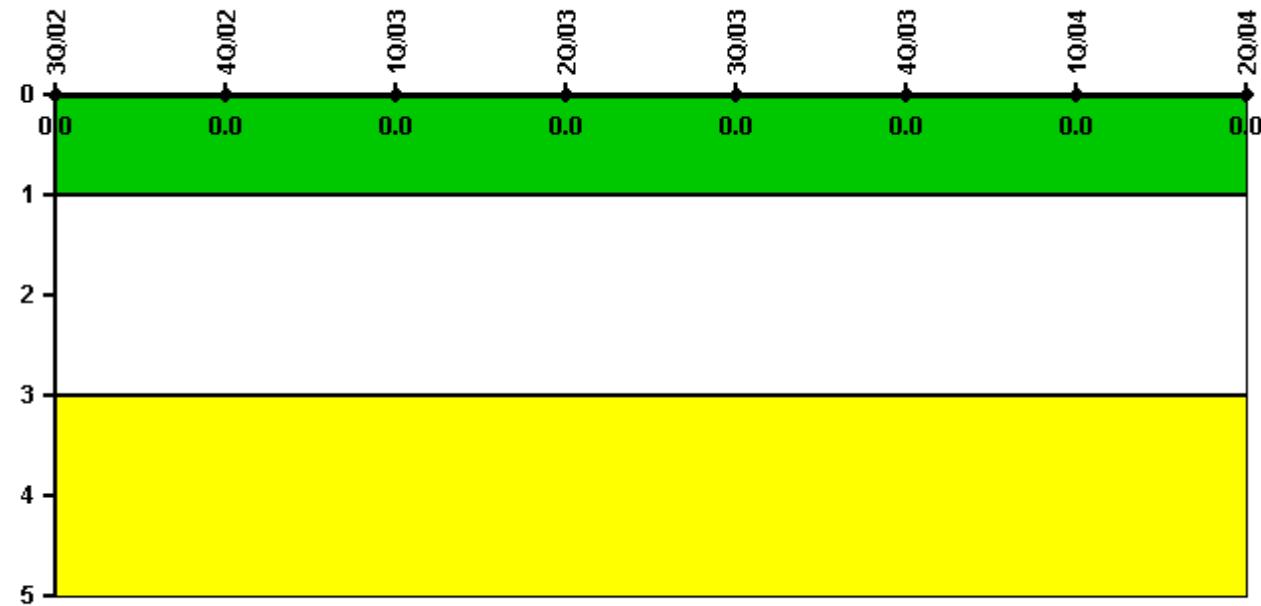
Thresholds: White > 2.0 Yellow > 5.0

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	0							

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

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

Licensee Comments: none

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

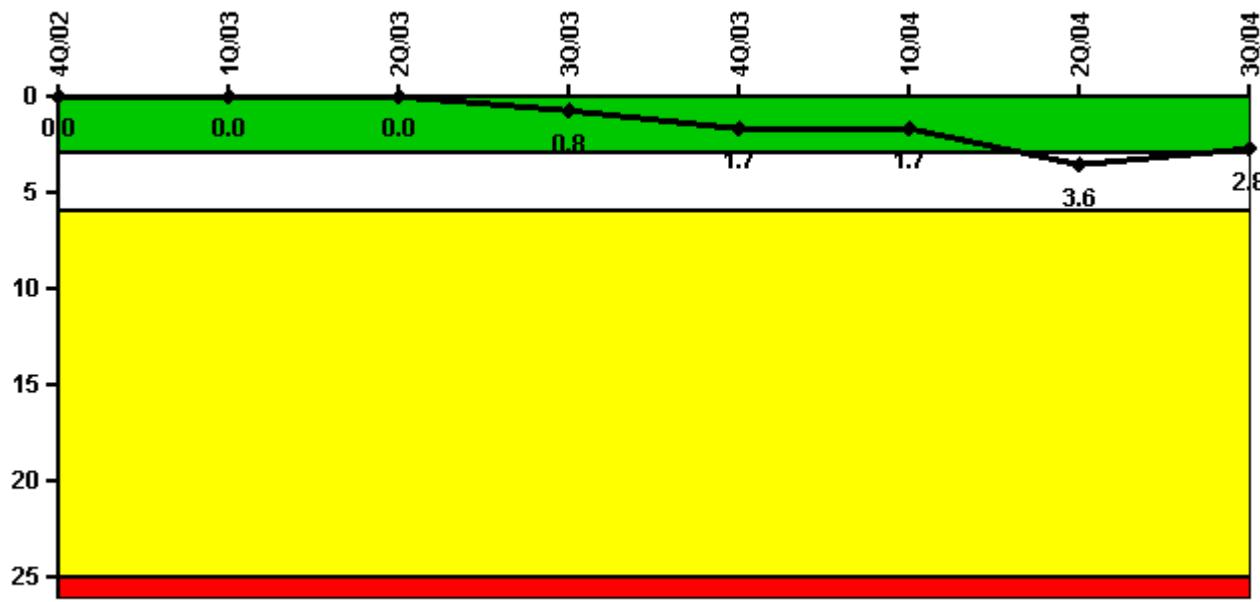


[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: September 8, 2004

Dresden 2**3Q/2004 Performance Indicators**

Licensee's General Comments: none

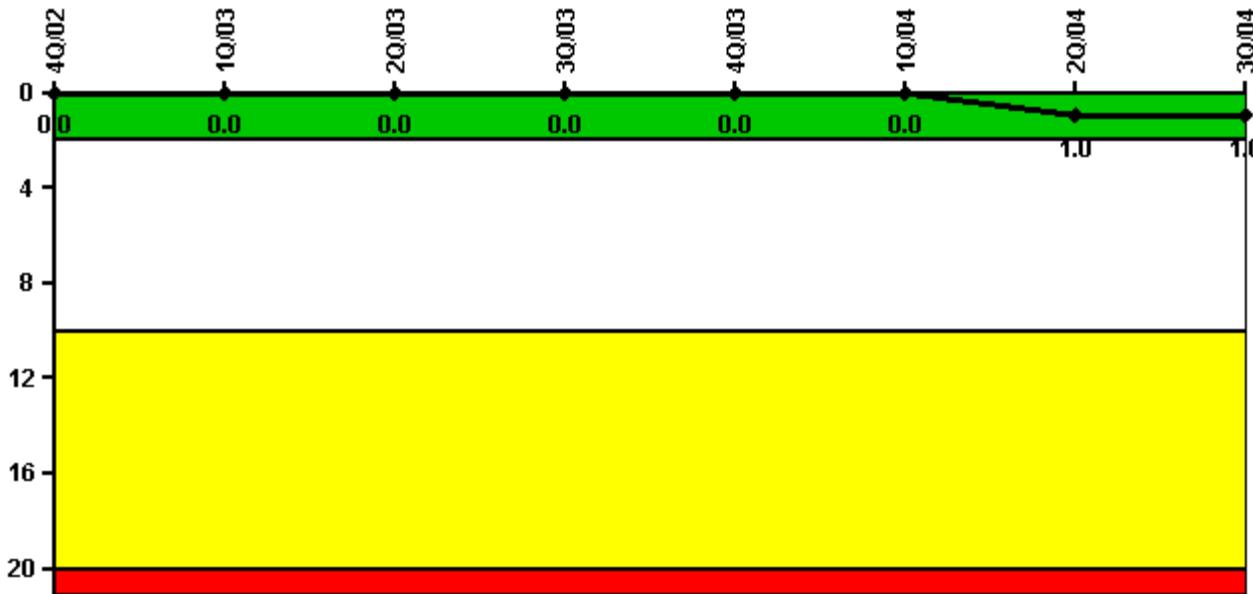
Unplanned Scrams per 7000 Critical Hrs

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Unplanned scrams	0	0	0	1.0	1.0	0	2.0	0
Critical hours	2209.0	2160.0	2183.0	2204.2	1528.9	2184.0	1844.0	1972.5
Indicator value	0	0	0	0.8	1.7	1.7	3.6	2.8

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

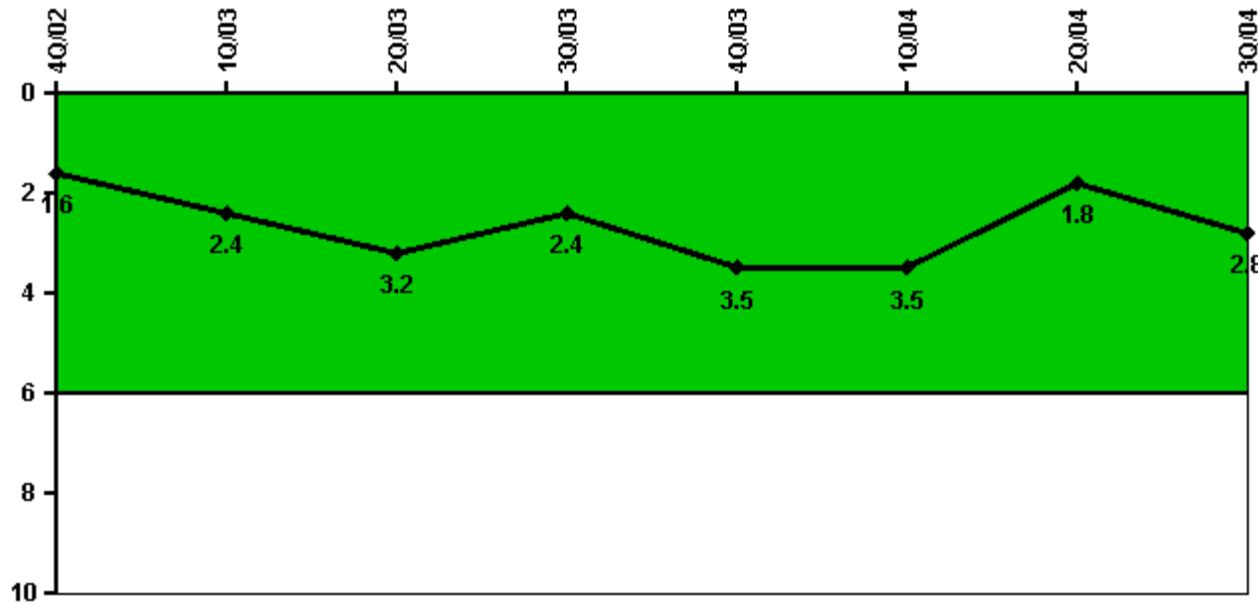
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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



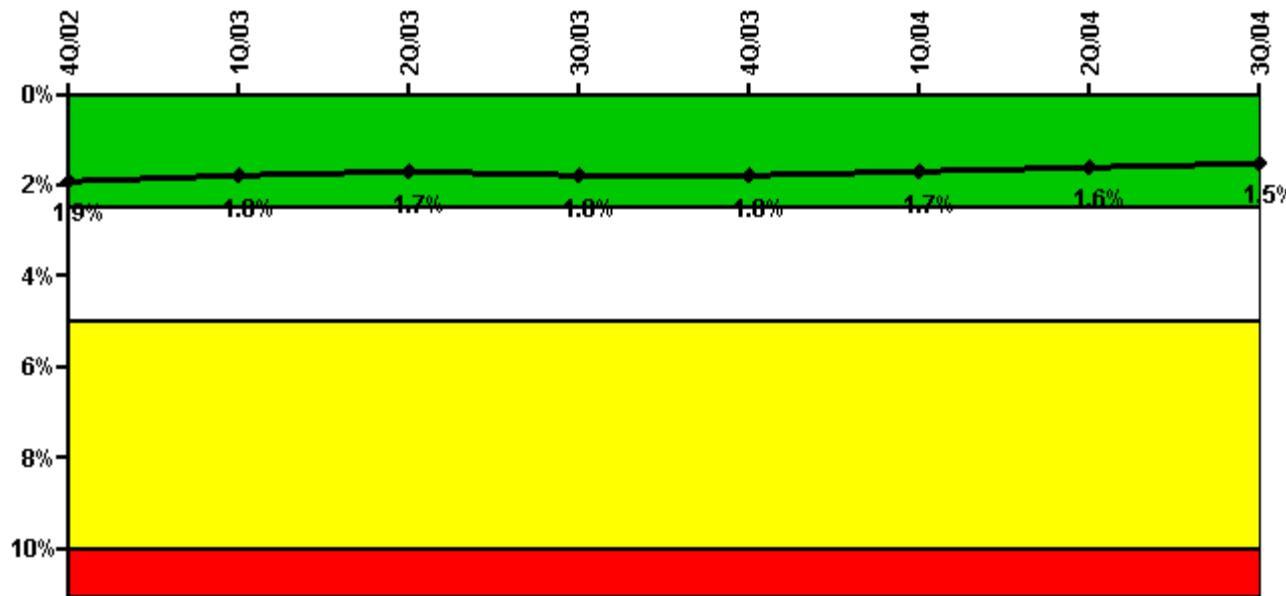
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Unplanned power changes	0	1.0	2.0	0	1.0	1.0	0	1.0
Critical hours	2209.0	2160.0	2183.0	2204.2	1528.9	2184.0	1844.0	1972.5
Indicator value	1.6	2.4	3.2	2.4	3.5	3.5	1.8	2.8

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/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	49.90	21.47	11.20	38.25	5.83	7.56	9.76	8.43
Unplanned unavailable hours	0.35	15.75	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00
Train 2								
Planned unavailable hours	8.59	6.50	31.22	38.02	29.15	96.19	8.36	9.43
Unplanned unavailable hours	5.67	4.23	0	0	0	3.10	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00
Indicator value	1.9%	1.8%	1.7%	1.8%	1.8%	1.7%	1.6%	1.5%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)



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

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	25.93	102.98	16.17	11.38	5.15	74.90	0	1.68
Unplanned unavailable hours	4.18	10.53	16.25	26.50	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	2209.00	2160.00	2183.00	2204.22	1528.92	2184.00	1844.00	1972.45
Indicator value	1.8%	1.6%	1.7%	1.9%	1.9%	2.0%	1.9%	1.9%

Licensee Comments: none

Safety System Unavailability, Heat Removal System

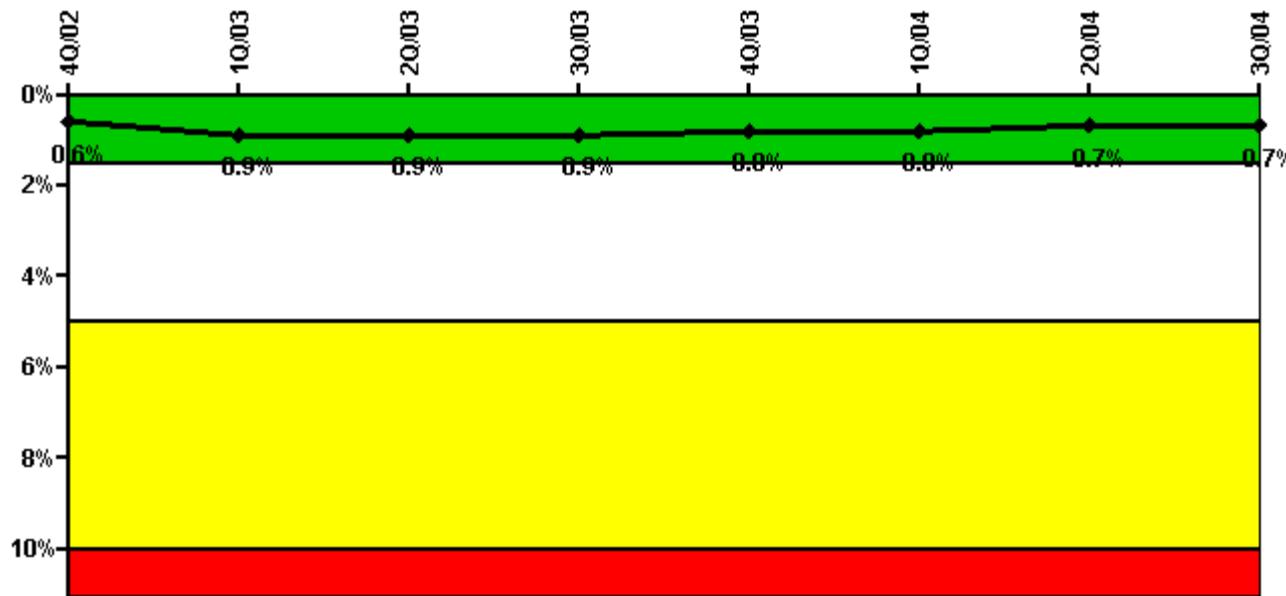
Thresholds under development / review

Notes

Safety System Unavailability, Heat Removal System	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours								
Unplanned unavailable hours								
Fault exposure hours								
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours								
Indicator value								

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



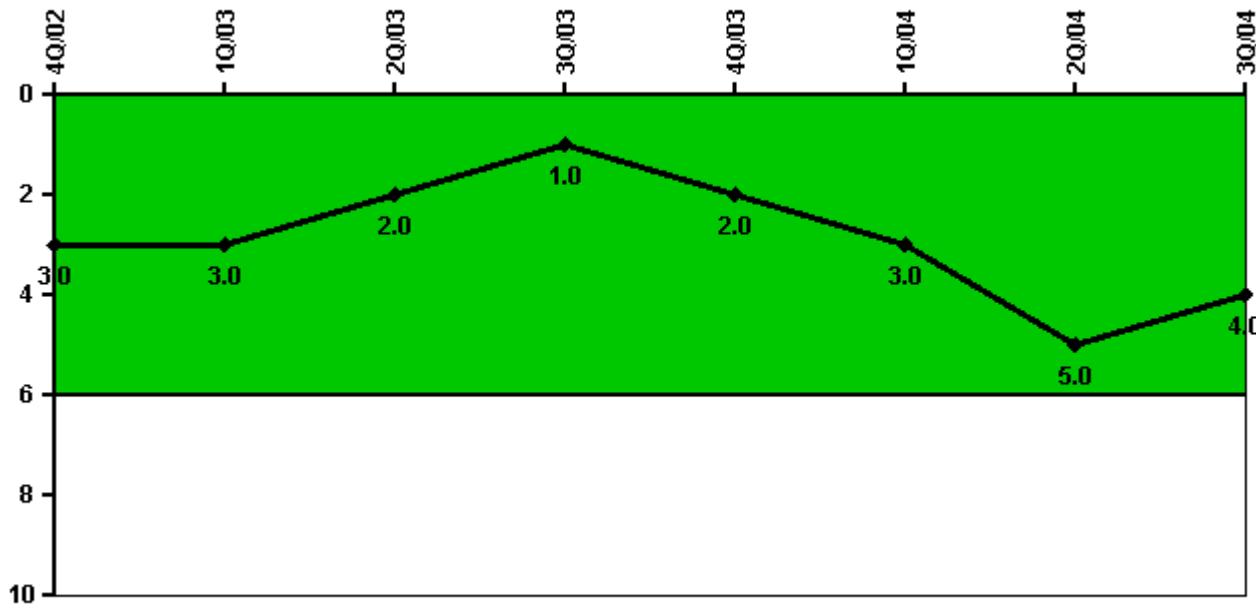
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

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	0	125.72	2.97	6.05	24.37	18.90	0	3.03
Unplanned unavailable hours	0	1.97	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2204.22	2209.00	2184.00	2183.00	2208.00
Train 2								
Planned unavailable hours	0	113.92	2.38	0	6.40	4.72	0	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	2209.00	2160.00	2183.00	2204.22	2209.00	2184.00	2183.00	2208.00
Train 3								
Planned unavailable hours	0	0	0	16.60	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0.42	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00
Train 4								
Planned unavailable hours	0	0	0	16.58	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	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00
Indicator value	0.6%	0.9%	0.9%	0.9%	0.8%	0.8%	0.7%	0.7%

Licensee Comments: none

Safety System Functional Failures (BWR)



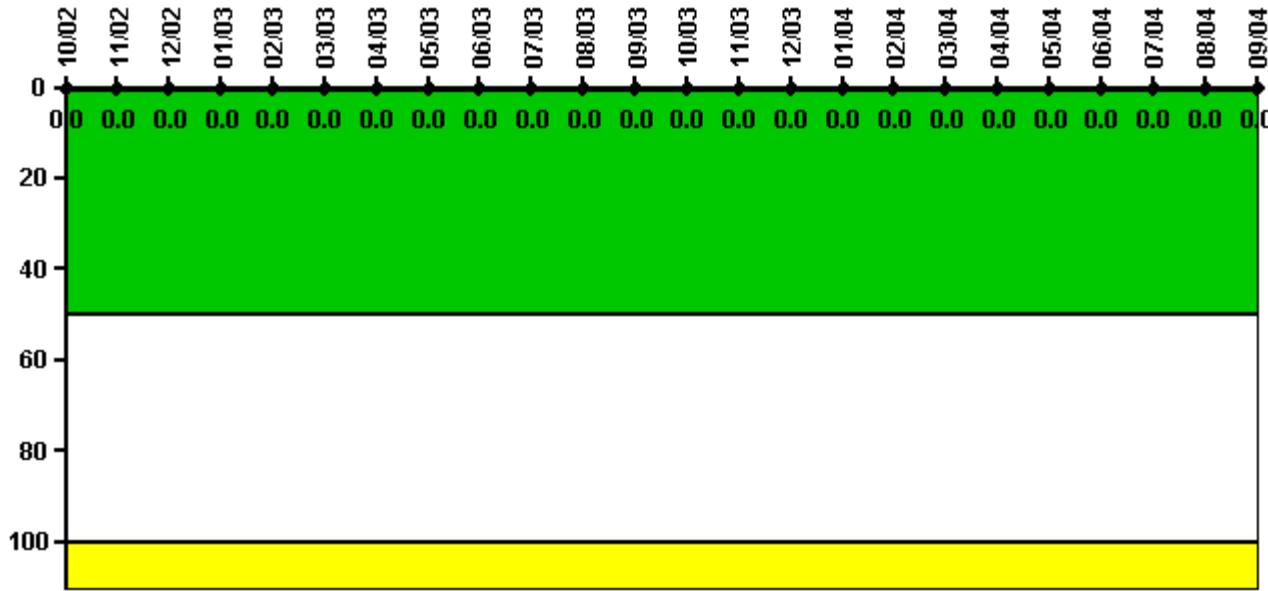
Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Safety System Functional Failures	0	0	0	1	1	1	2	0
Indicator value	3	3	2	1	2	3	5	4

Licensee Comments: none

Reactor Coolant System Activity



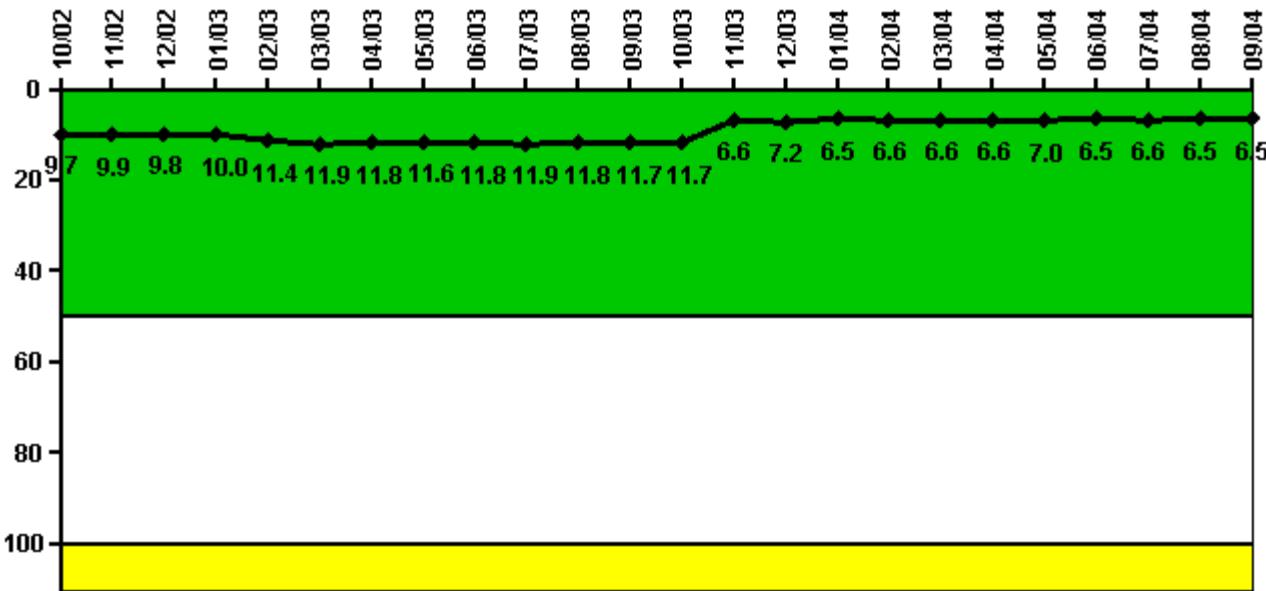
Thresholds: White > 50.0 Yellow > 100.0

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	0.000006	0.000005	0.000029	0.000006	0.000006	0.000006	0.000013	0.000017	0.000025	0.000005	0.000004	0.000005
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
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	0.000004	0.000010	0.000010	0.000008	0.000035	0.000006	0.000008	0.000008	0.000007	0.000006	0.000009	0.000007
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



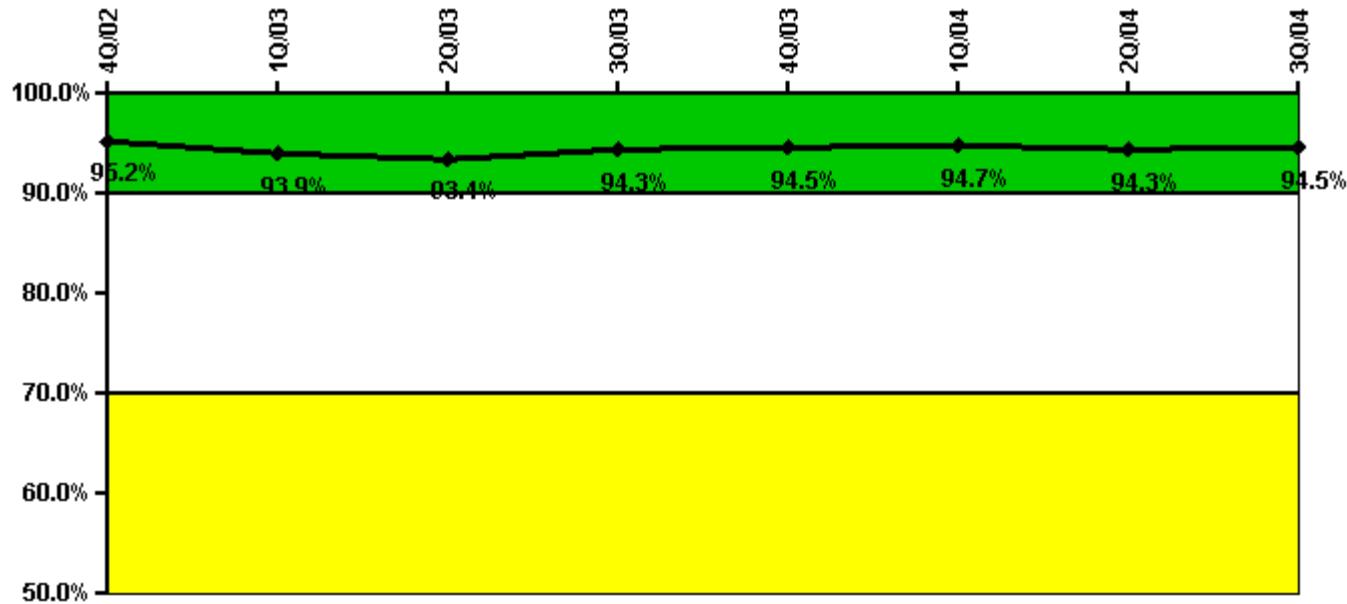
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03
Maximum leakage	2.433	2.485	2.457	2.505	2.853	2.987	2.957	2.890	2.945	2.978	2.938	2.937
Indicator value	9.7	9.9	9.8	10.0	11.4	11.9	11.8	11.6	11.8	11.9	11.8	11.7
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	2.913	1.653	1.790	1.625	1.643	1.638	1.640	1.740	1.632	1.638	1.628	1.620
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	11.7	6.6	7.2	6.5	6.6	6.6	6.6	7.0	6.5	6.6	6.5	6.5

Licensee Comments: none

Drill/Exercise Performance



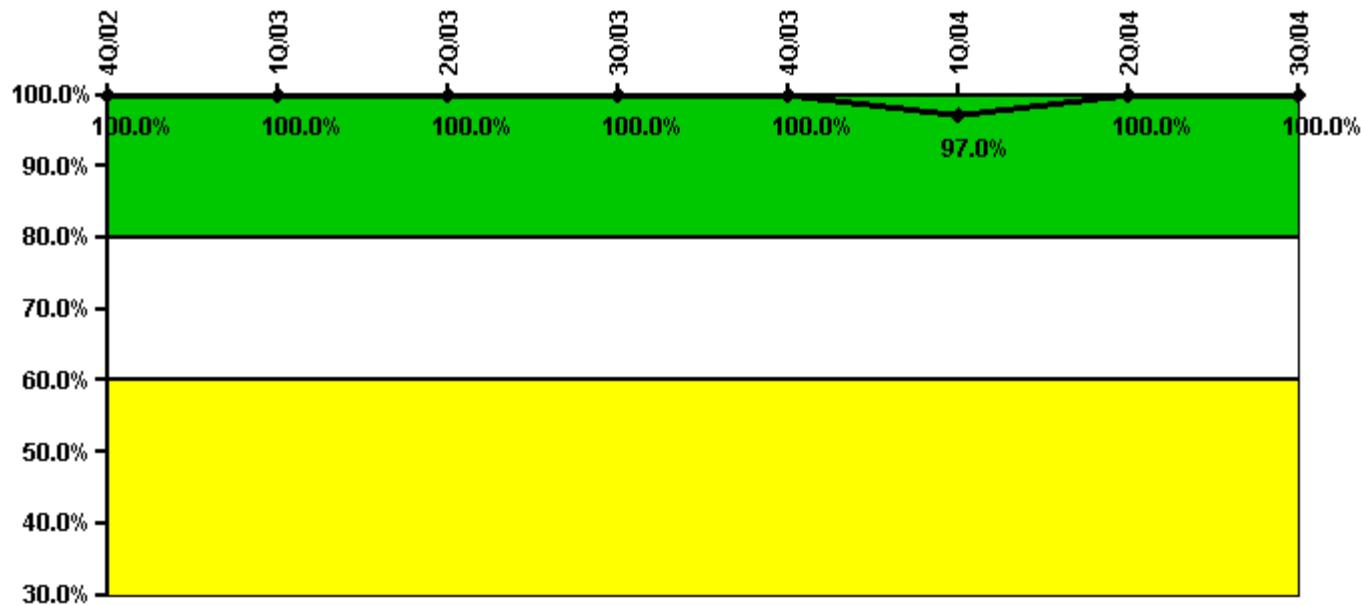
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Successful opportunities	39.0	27.0	56.0	56.0	0	22.0	32.0	10.0
Total opportunities	40.0	30.0	62.0	58.0	0	22.0	34.0	10.0
Indicator value	95.2%	93.9%	93.4%	94.3%	94.5%	94.7%	94.3%	94.5%

Licensee Comments: none

ERO Drill Participation



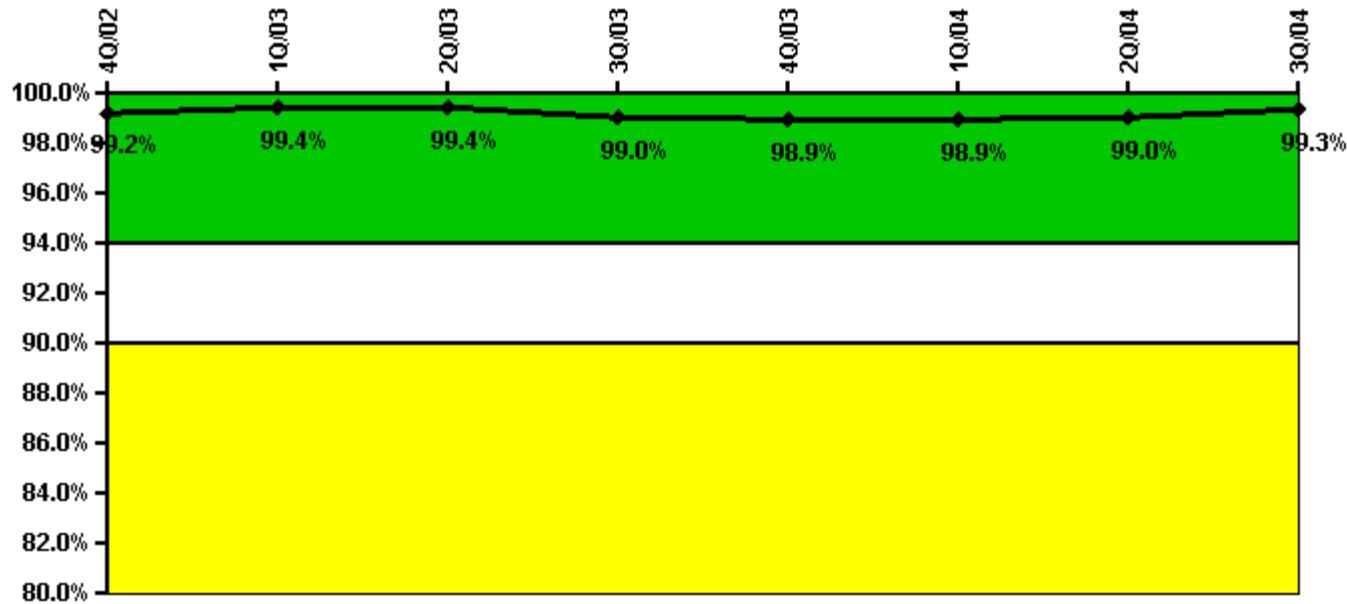
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Participating Key personnel	47.0	51.0	50.0	50.0	49.0	64.0	60.0	62.0
Total Key personnel	47.0	51.0	50.0	50.0	49.0	66.0	60.0	62.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	97.0%	100.0%	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	5047	4961	4974	4897	4964	4974	4943	5005
Total sirens-tests	5056	4977	5056	4994	4992	4992	4992	5055
Indicator value	99.2%	99.4%	99.4%	99.0%	98.9%	98.9%	99.0%	99.3%

Licensee Comments: none

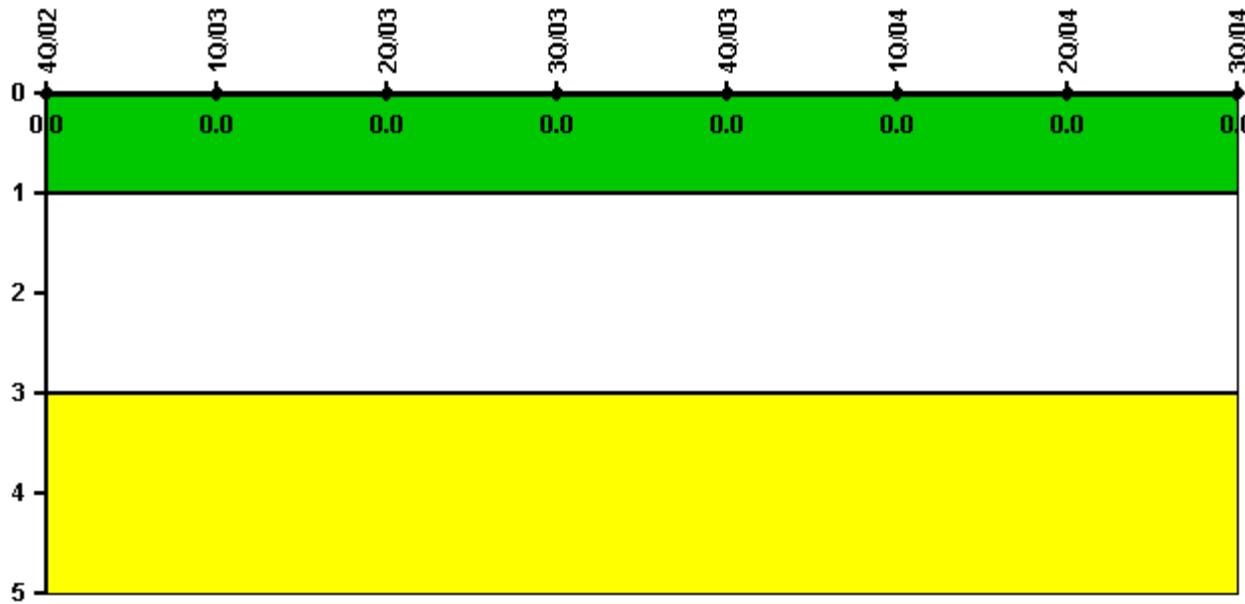
Occupational Exposure Control Effectiveness

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.

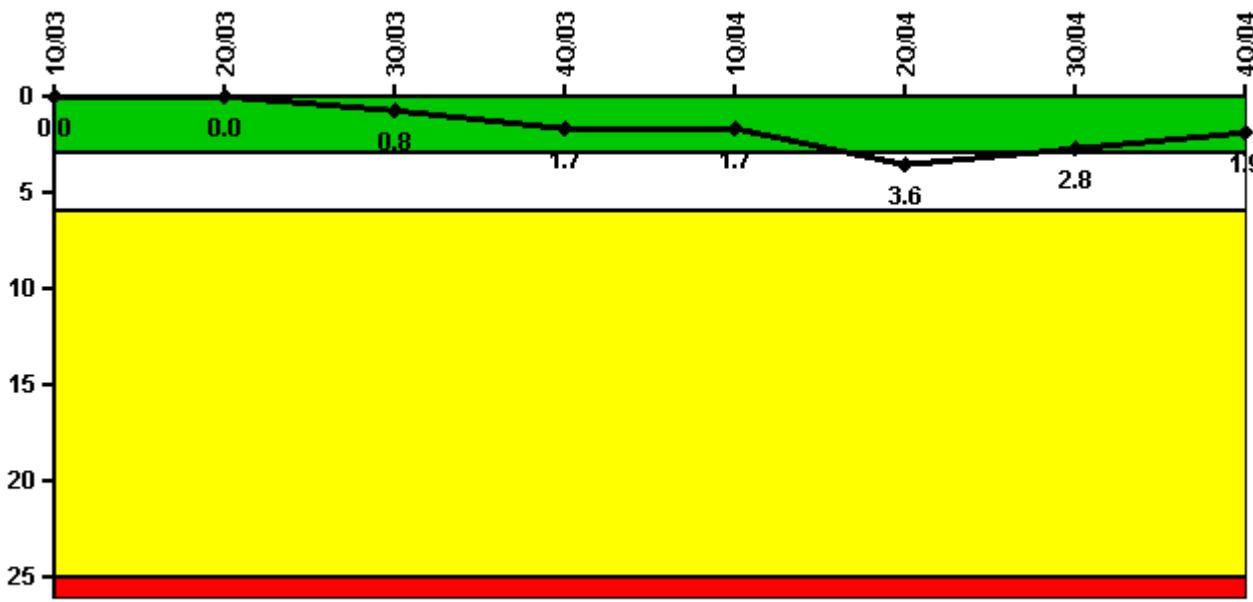


[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: October 25, 2004

Dresden 2**4Q/2004 Performance Indicators**

Licensee's General Comments: none

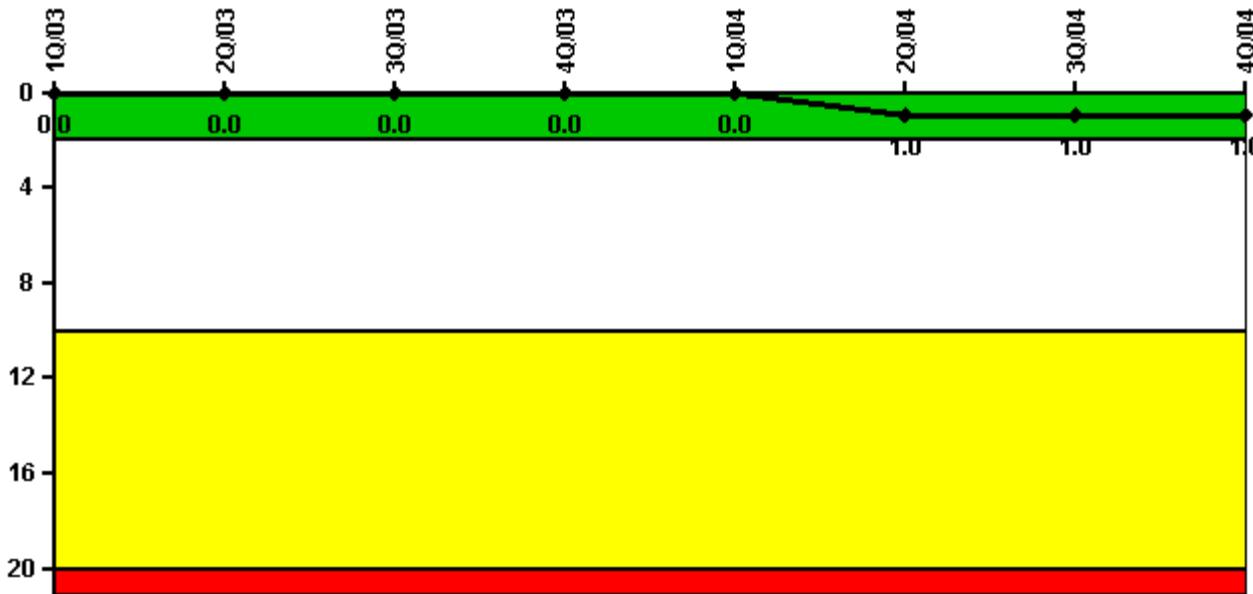
Unplanned Scrams per 7000 Critical Hrs

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	1.0	1.0	0	2.0	0	0
Critical hours	2160.0	2183.0	2204.2	1528.9	2184.0	1844.0	1972.5	1263.9
Indicator value	0	0	0.8	1.7	1.7	3.6	2.8	1.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

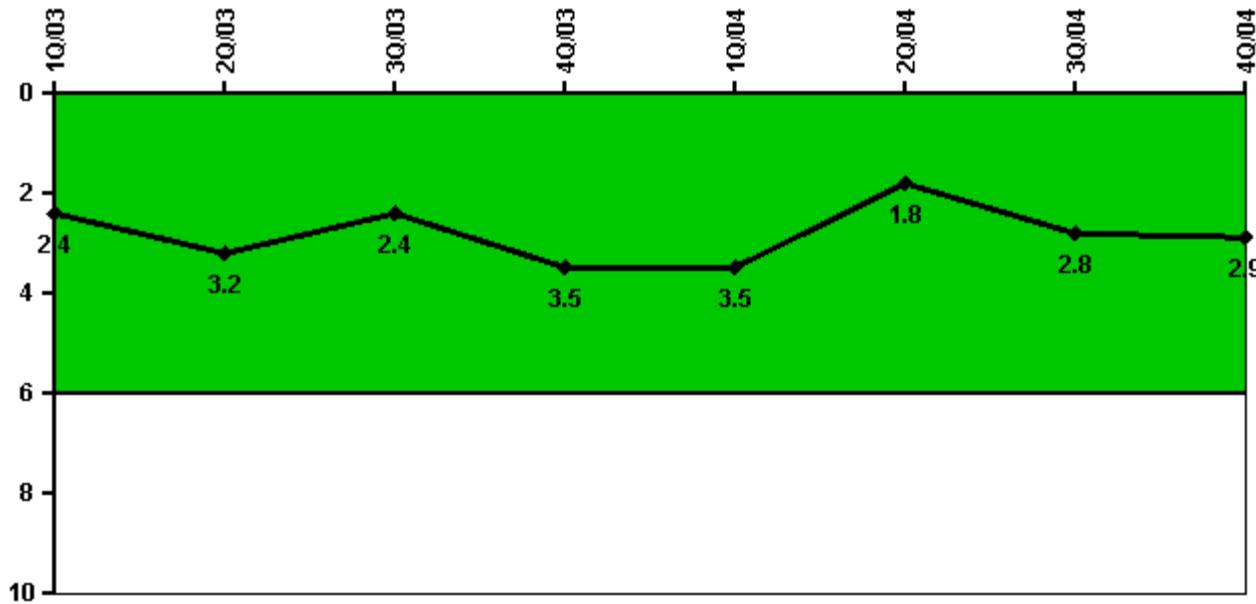
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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



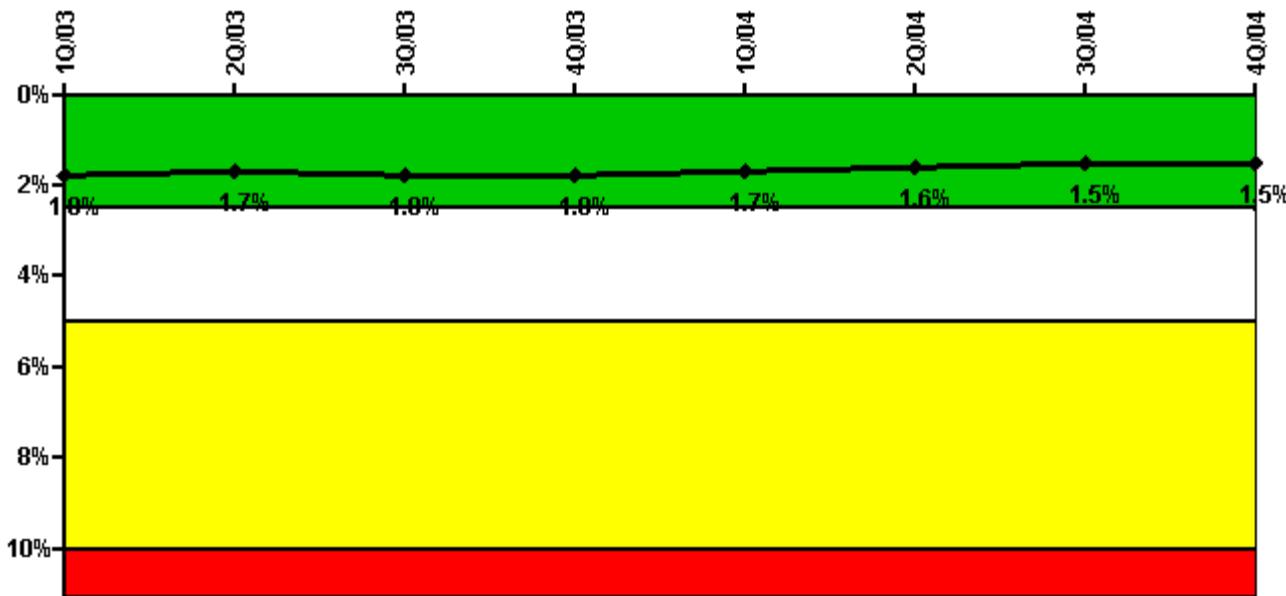
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Unplanned power changes	1.0	2.0	0	1.0	1.0	0	1.0	1.0
Critical hours	2160.0	2183.0	2204.2	1528.9	2184.0	1844.0	1972.5	1263.9
Indicator value	2.4	3.2	2.4	3.5	3.5	1.8	2.8	2.9

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



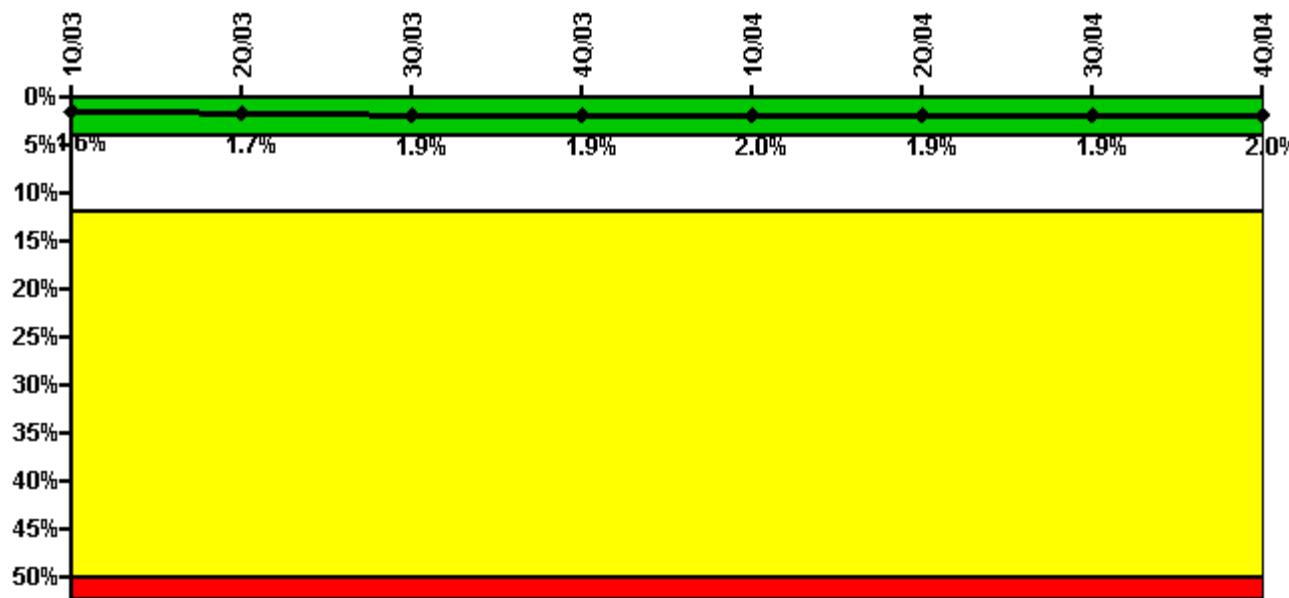
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

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	21.47	11.20	38.25	5.83	7.56	9.76	8.43	6.50
Unplanned unavailable hours	15.75	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	6.50	31.22	38.02	29.15	96.19	8.36	9.43	5.98
Unplanned unavailable hours	4.23	0	0	0	3.10	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00
Indicator value	1.8%	1.7%	1.8%	1.8%	1.7%	1.6%	1.5%	1.5%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)



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

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours	102.98	16.17	11.38	5.15	74.90	0	1.68	0
Unplanned unavailable hours	10.53	16.25	26.50	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	2160.00	2183.00	2204.22	1528.92	2184.00	1844.00	1972.45	1263.90
Indicator value	1.6%	1.7%	1.9%	1.9%	2.0%	1.9%	1.9%	2.0%

Licensee Comments: none

Safety System Unavailability, Heat Removal System

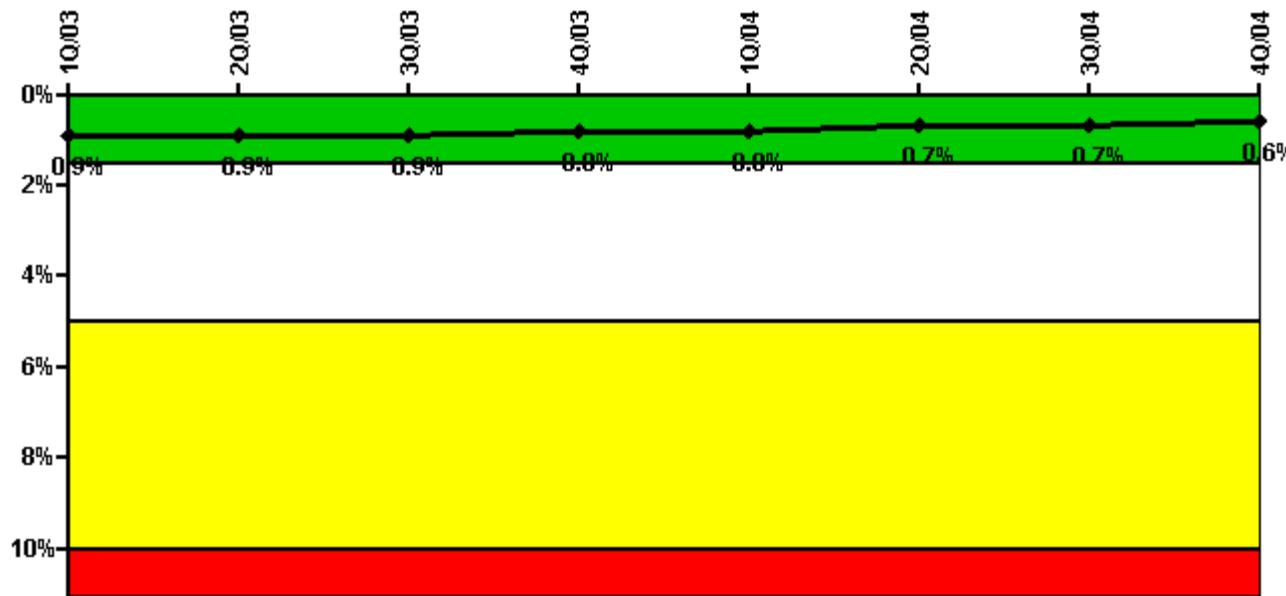
Thresholds under development / review

Notes

Safety System Unavailability, Heat Removal System	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours								
Unplanned unavailable hours								
Fault exposure hours								
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours								
Indicator value								

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



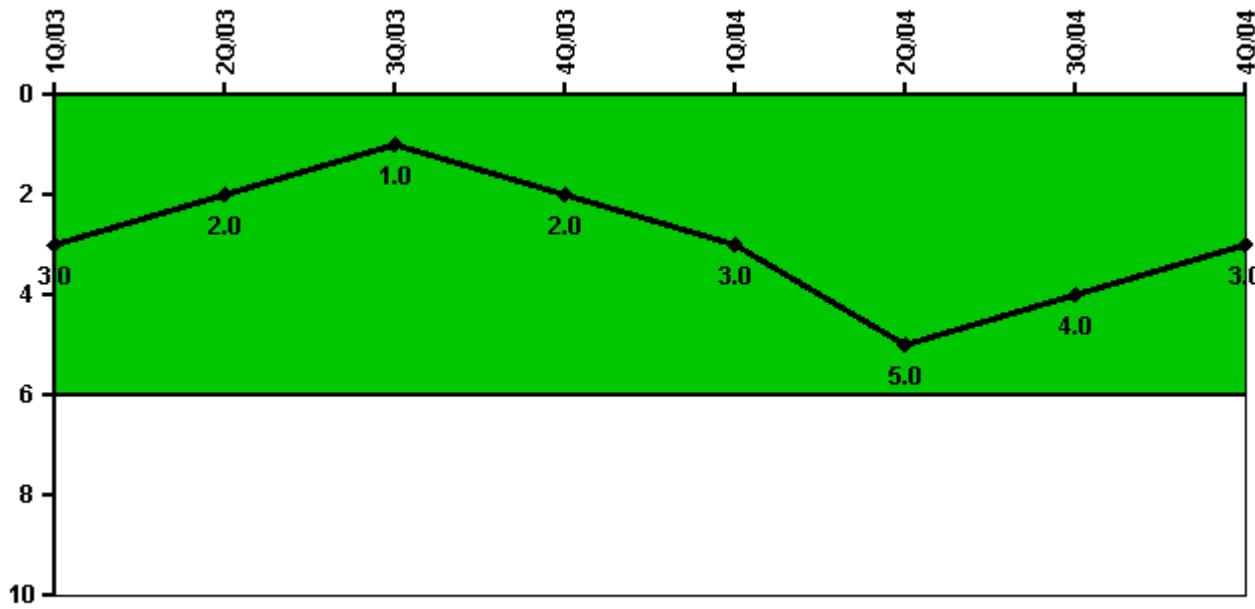
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

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	125.72	2.97	6.05	24.37	18.90	0	3.03	0
Unplanned unavailable hours	1.97	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	2204.22	2209.00	2184.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	113.92	2.38	0	6.40	4.72	0	1.20	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	2160.00	2183.00	2204.22	2209.00	2184.00	2183.00	2208.00	2209.00
Train 3								
Planned unavailable hours	0	0	16.60	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0.42	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00
Train 4								
Planned unavailable hours	0	0	16.58	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	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00
Indicator value	0.9%	0.9%	0.9%	0.8%	0.8%	0.7%	0.7%	0.6%

Licensee Comments: none

Safety System Functional Failures (BWR)



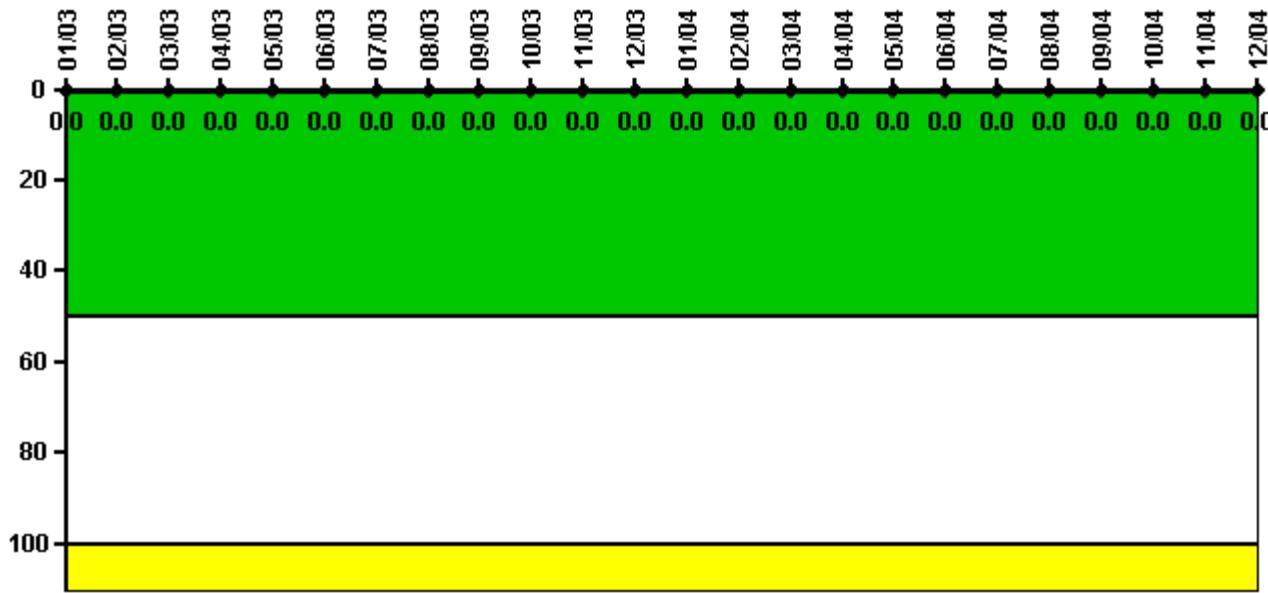
Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Safety System Functional Failures	0	0	1	1	1	2	0	0
Indicator value	3	2	1	2	3	5	4	3

Licensee Comments: none

Reactor Coolant System Activity



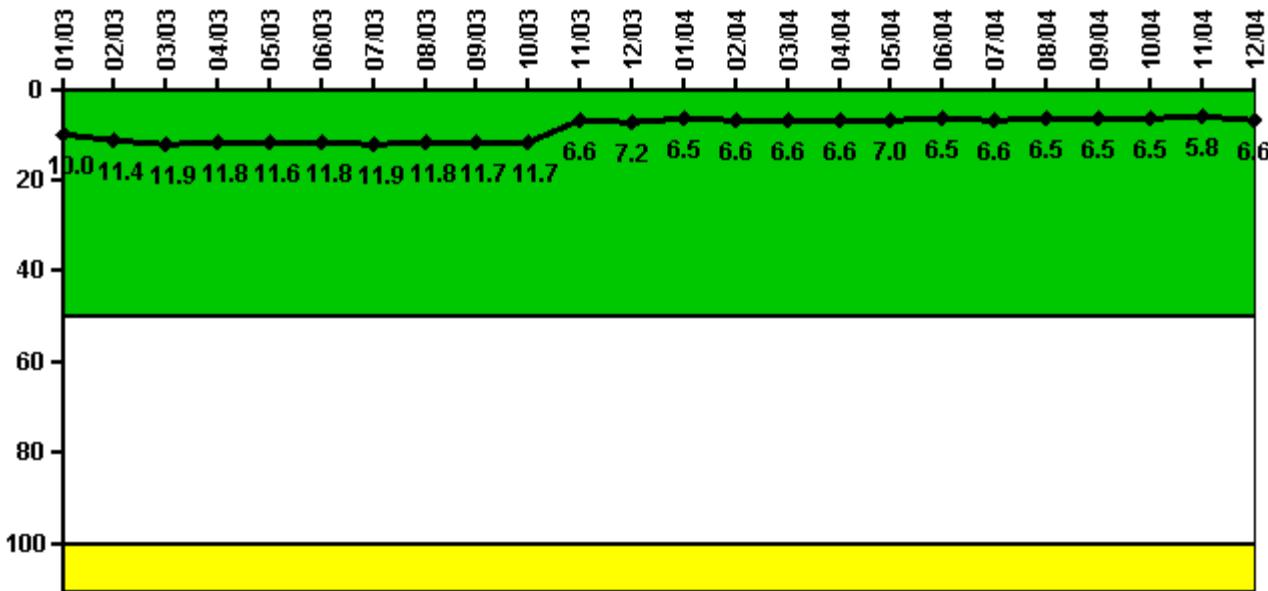
Thresholds: White > 50.0 Yellow > 100.0

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	0.000006	0.000006	0.000006	0.000013	0.000017	0.000025	0.000005	0.000004	0.000005	0.000004	0.000010	0.000010
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0											
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	0.000008	0.000035	0.000006	0.000008	0.000008	0.000007	0.000006	0.000009	0.000007	0.000007	0	0.000006
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0											

Licensee Comments: none

Reactor Coolant System Leakage



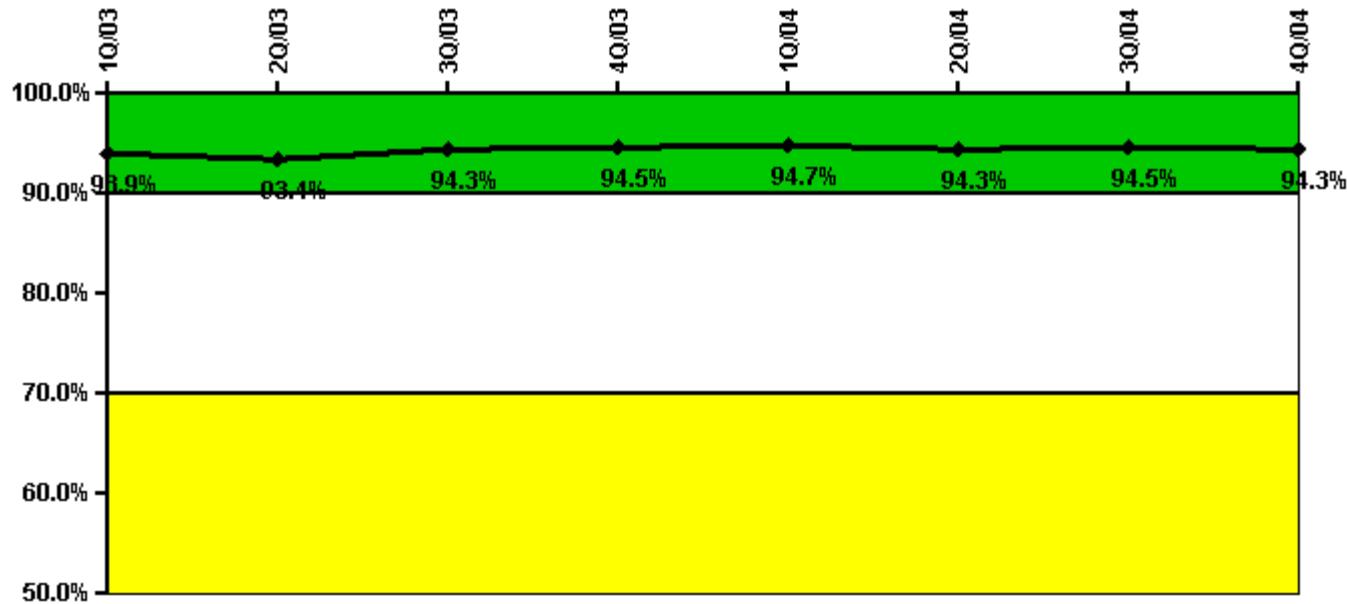
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03
Maximum leakage	2.505	2.853	2.987	2.957	2.890	2.945	2.978	2.938	2.937	2.913	1.653	1.790
Indicator value	10.0	11.4	11.9	11.8	11.6	11.8	11.9	11.8	11.7	11.7	6.6	7.2
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	1.625	1.643	1.638	1.640	1.740	1.632	1.638	1.628	1.620	1.637	1.455	1.652
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	6.5	6.6	6.6	6.6	7.0	6.5	6.6	6.5	6.5	6.5	5.8	6.6

Licensee Comments: none

Drill/Exercise Performance



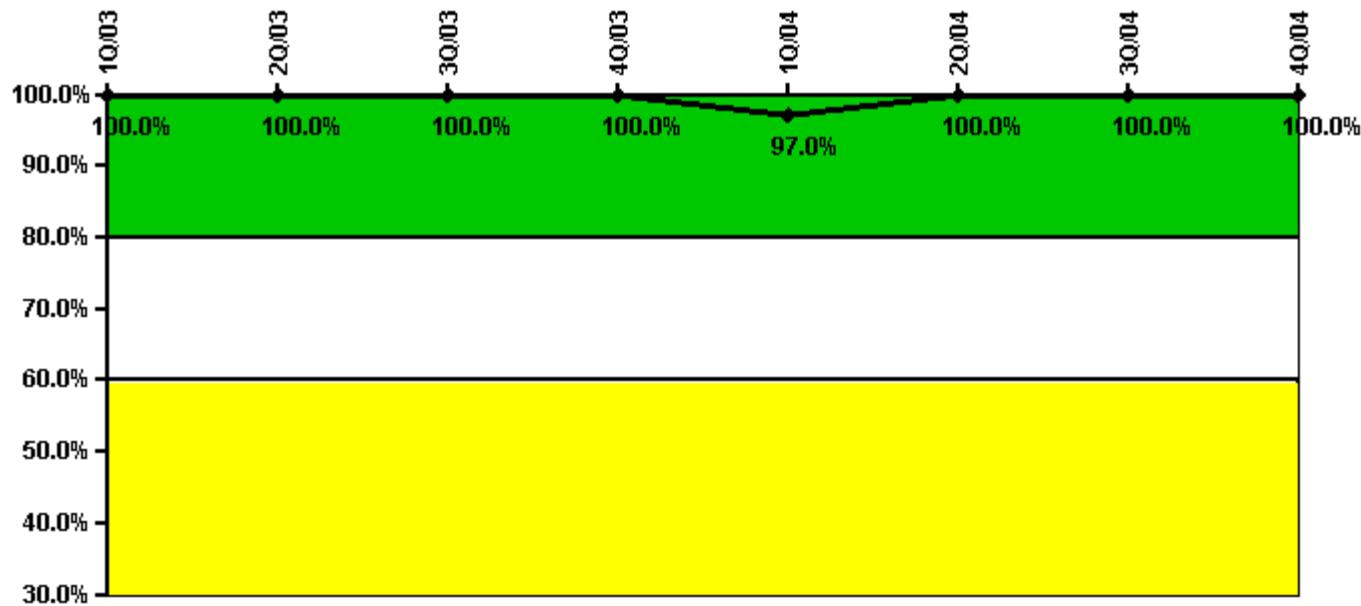
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Successful opportunities	27.0	56.0	56.0	0	22.0	32.0	10.0	29.0
Total opportunities	30.0	62.0	58.0	0	22.0	34.0	10.0	30.0
Indicator value	93.9%	93.4%	94.3%	94.5%	94.7%	94.3%	94.5%	94.3%

Licensee Comments: none

ERO Drill Participation



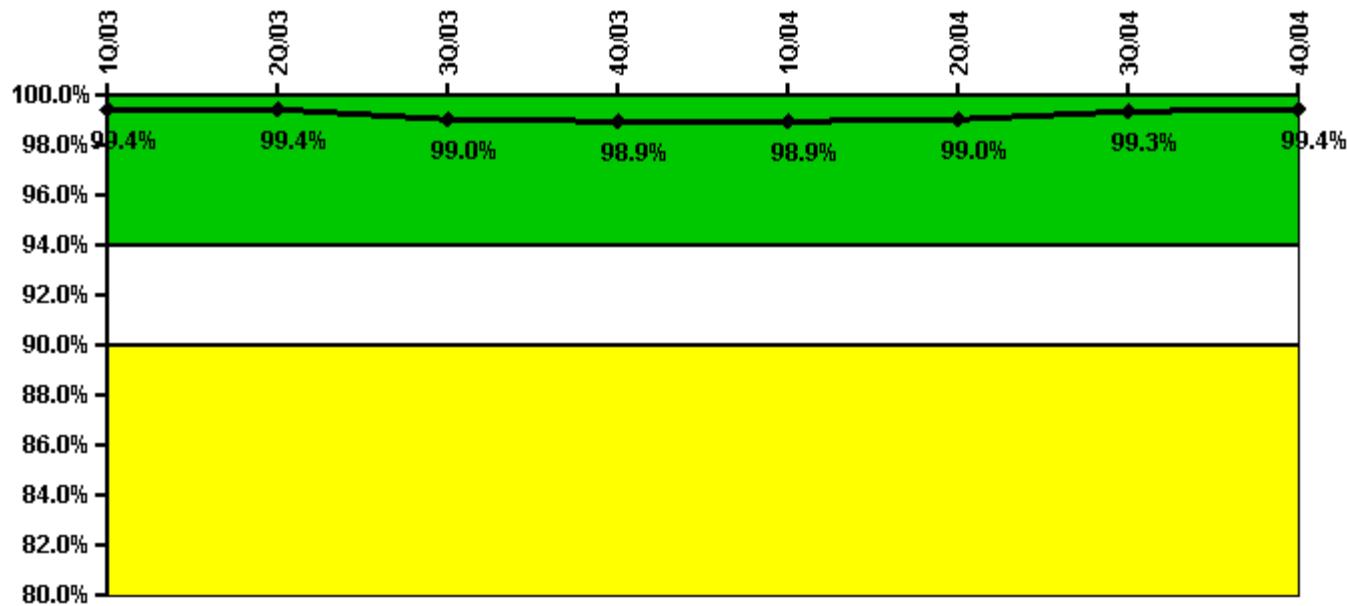
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Participating Key personnel	51.0	50.0	50.0	49.0	64.0	60.0	62.0	59.0
Total Key personnel	51.0	50.0	50.0	49.0	66.0	60.0	62.0	59.0
Indicator value	100.0%	100.0%	100.0%	100.0%	97.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System

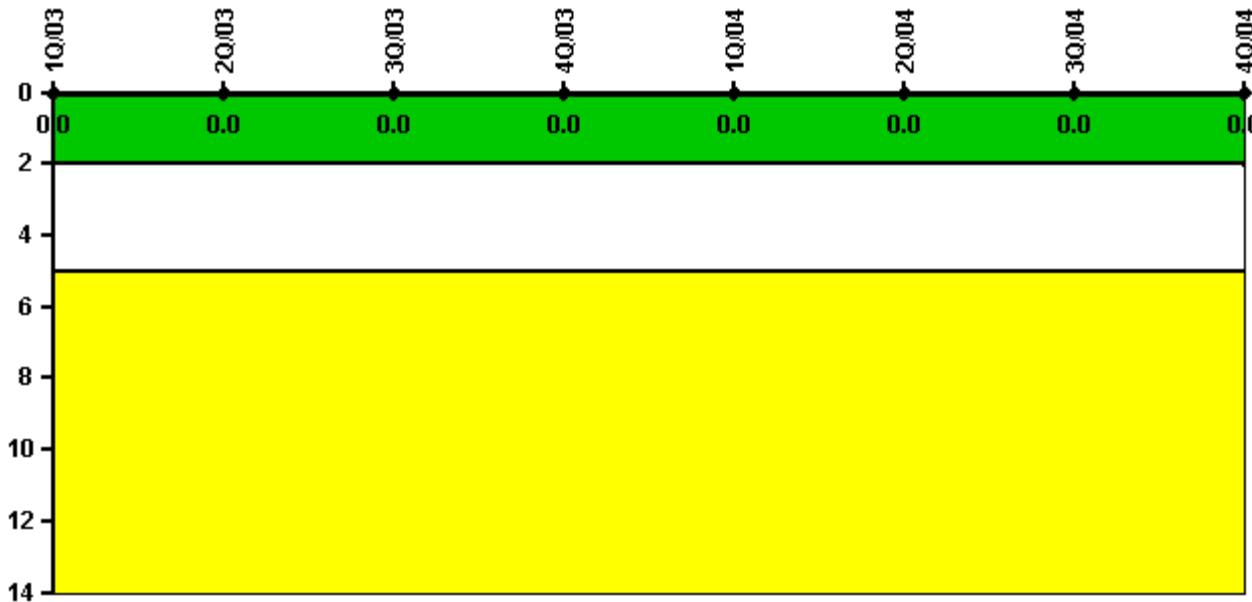


Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Successful siren-tests	4961	4974	4897	4964	4974	4943	5005	5045
Total sirens-tests	4977	5056	4994	4992	4992	4992	5055	5057
Indicator value	99.4%	99.4%	99.0%	98.9%	98.9%	99.0%	99.3%	99.4%

Licensee Comments: none

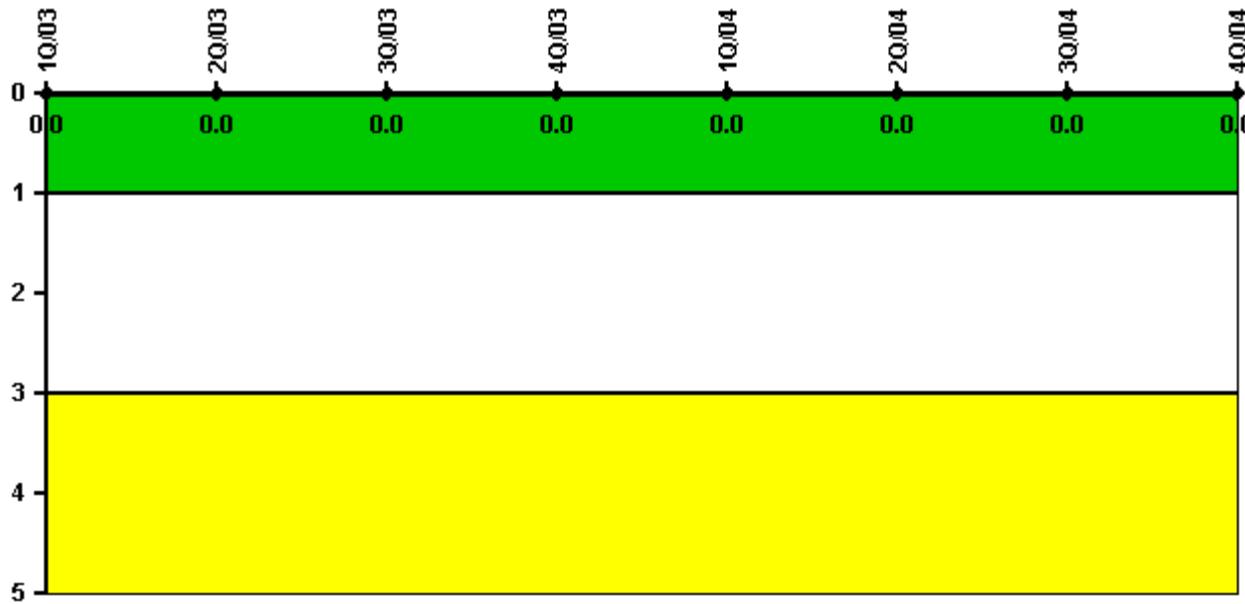
Occupational Exposure Control Effectiveness

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.

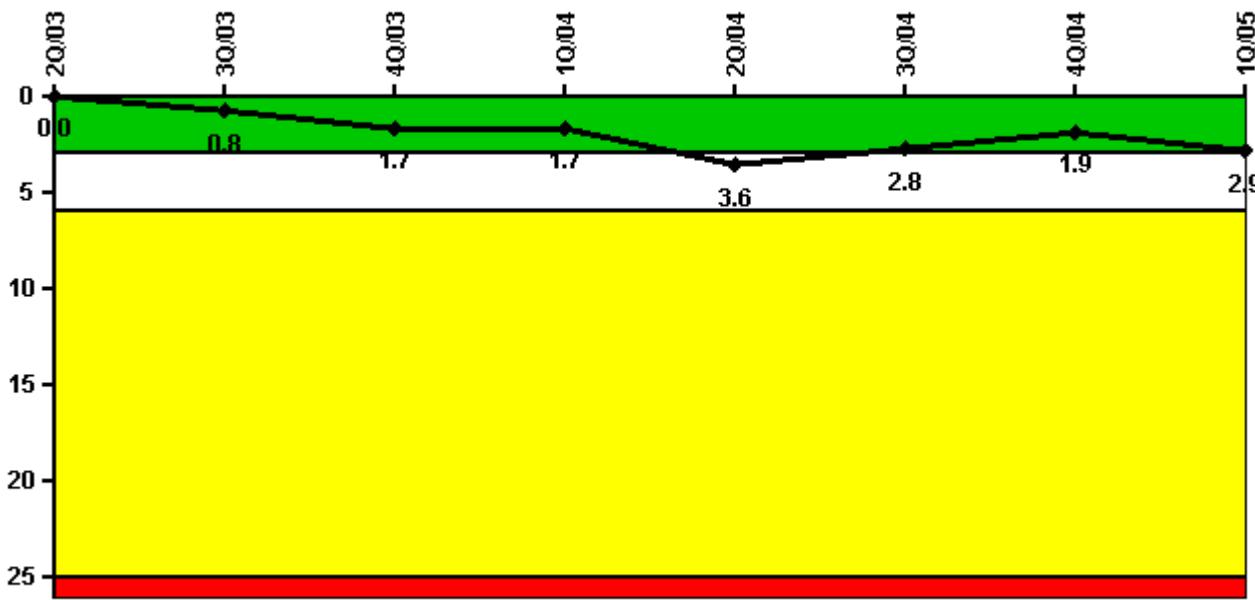


[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: March 9, 2005

Dresden 2**1Q/2005 Performance Indicators**

Licensee's General Comments: none

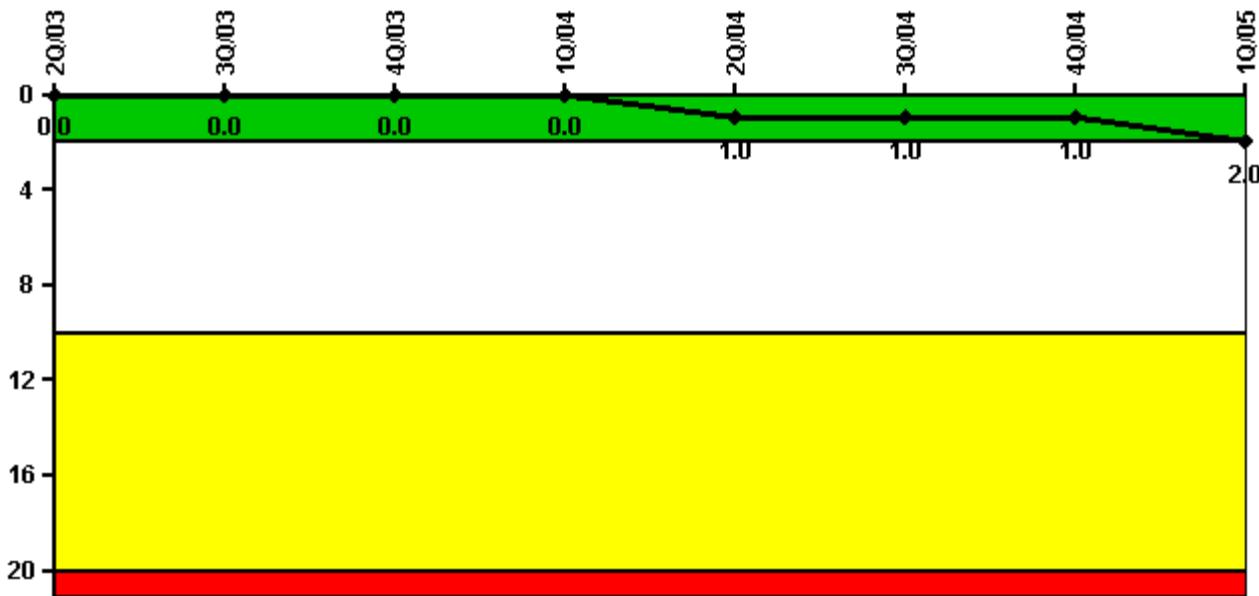
Unplanned Scrams per 7000 Critical Hrs

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	1.0	1.0	0	2.0	0	0	1.0
Critical hours	2183.0	2204.2	1528.9	2184.0	1844.0	1972.5	1263.9	2094.0
Indicator value	0	0.8	1.7	1.7	3.6	2.8	1.9	2.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

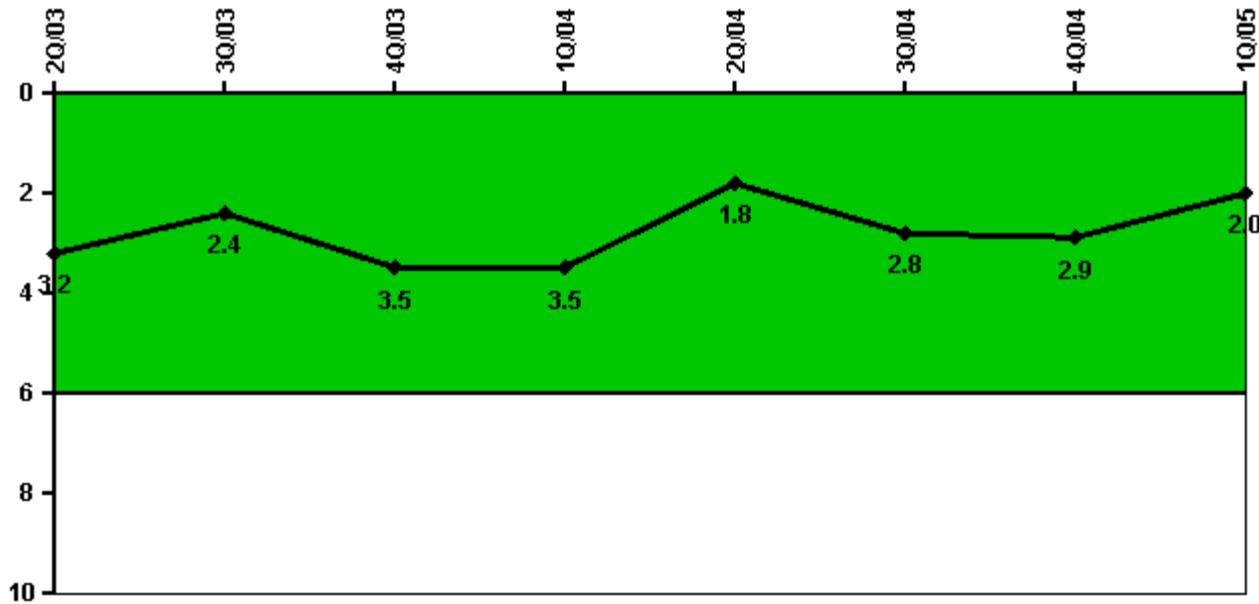
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Scrams	0	0	0	0	1.0	0	0	1.0
Indicator value	0	0	0	0	1.0	1.0	1.0	2.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



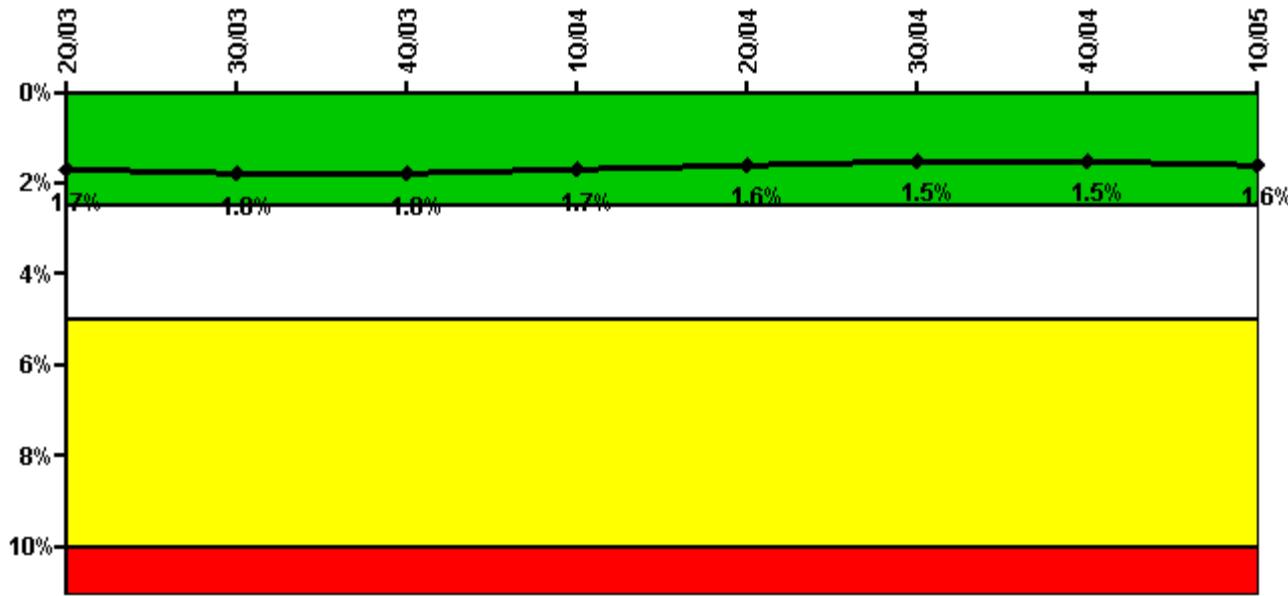
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Unplanned power changes	2.0	0	1.0	1.0	0	1.0	1.0	0
Critical hours	2183.0	2204.2	1528.9	2184.0	1844.0	1972.5	1263.9	2094.0
Indicator value	3.2	2.4	3.5	3.5	1.8	2.8	2.9	2.0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



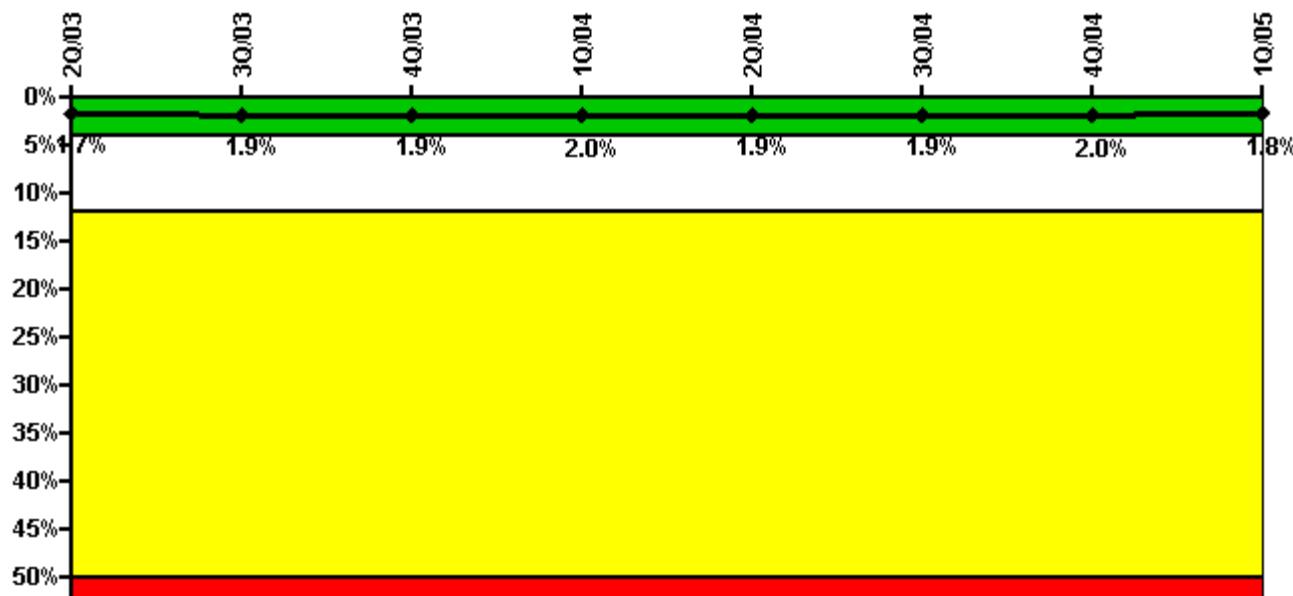
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

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	11.20	38.25	5.83	7.56	9.76	8.43	6.50	123.33
Unplanned unavailable hours	0	0	0	0	0	0	0	17.42
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	31.22	38.02	29.15	96.19	8.36	9.43	5.98	7.35
Unplanned unavailable hours	0	0	0	3.10	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Indicator value	1.7%	1.8%	1.8%	1.7%	1.6%	1.5%	1.5%	1.6%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)



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

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	16.17	11.38	5.15	74.90	0	1.68	0	66.67
Unplanned unavailable hours	16.25	26.50	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	2183.00	2204.22	1528.92	2184.00	1844.00	1972.45	1263.90	2093.95
Indicator value	1.7%	1.9%	1.9%	2.0%	1.9%	1.9%	2.0%	1.8%

Licensee Comments: none

Safety System Unavailability, Heat Removal System

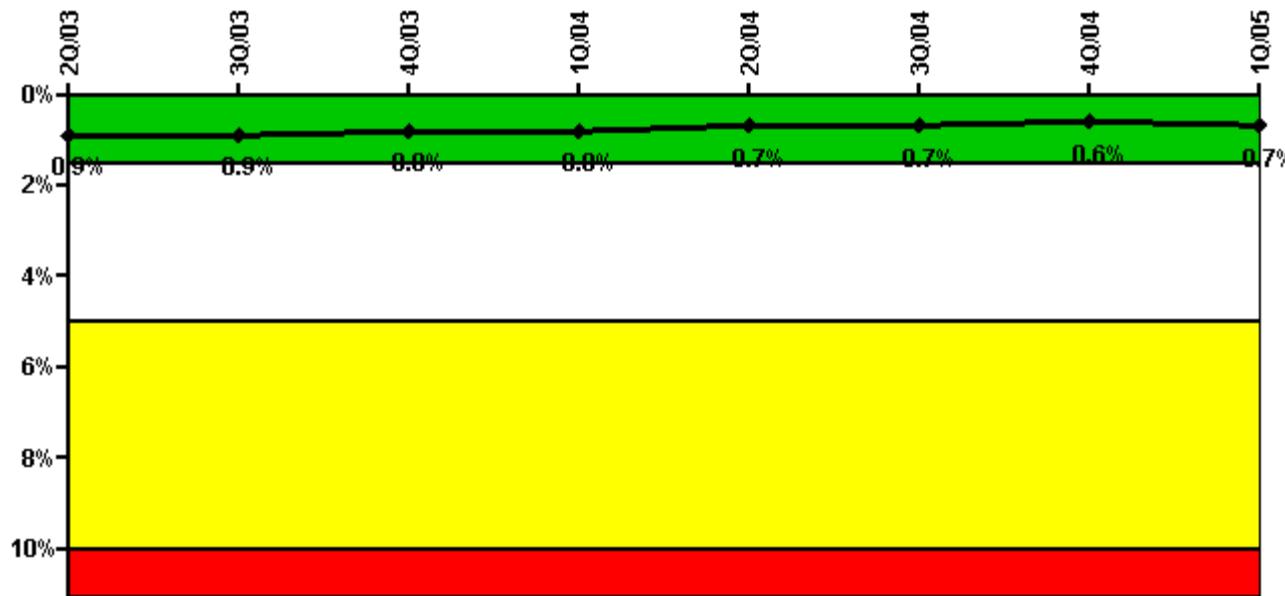
Thresholds under development / review

Notes

Safety System Unavailability, Heat Removal System	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours								
Unplanned unavailable hours								
Fault exposure hours								
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours								
Indicator value								

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



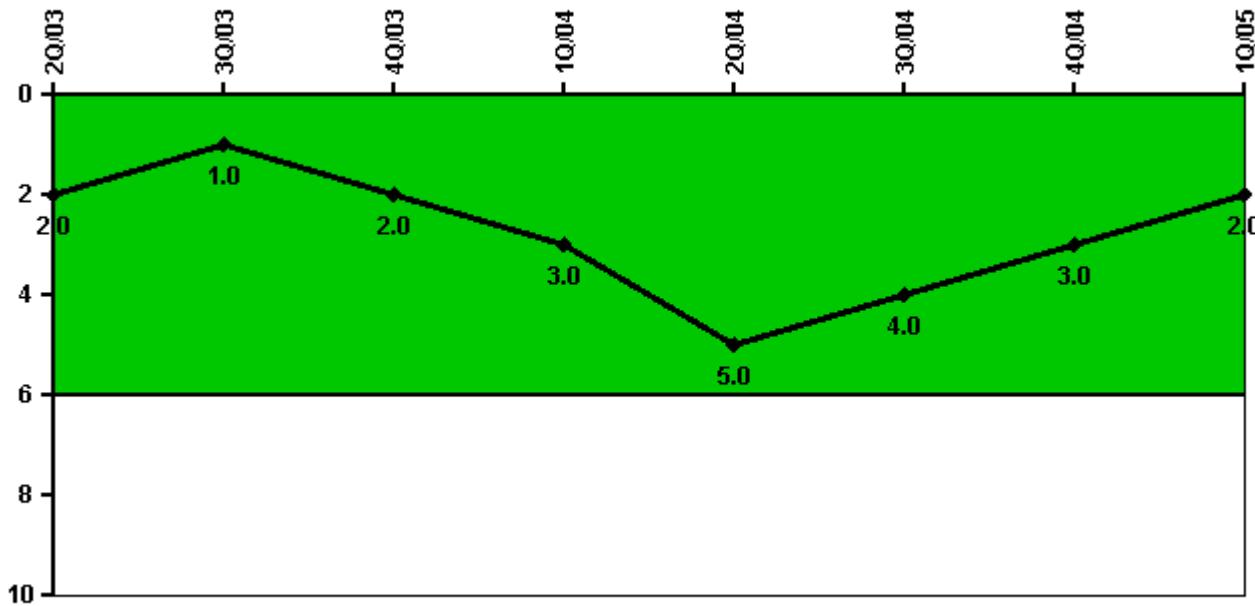
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

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	2.97	6.05	24.37	18.90	0	3.03	0	63.22
Unplanned unavailable hours	0	0	0	0	0	0	0	29.08
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2204.22	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	2.38	0	6.40	4.72	0	1.20	0	74.23
Unplanned unavailable hours	0	0	0	0	0	0	0	13.75
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2204.22	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Train 3								
Planned unavailable hours	0	16.60	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0.42	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Train 4								
Planned unavailable hours	0	16.58	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	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Indicator value	0.9%	0.9%	0.8%	0.8%	0.7%	0.7%	0.6%	0.7%

Licensee Comments: none

Safety System Functional Failures (BWR)



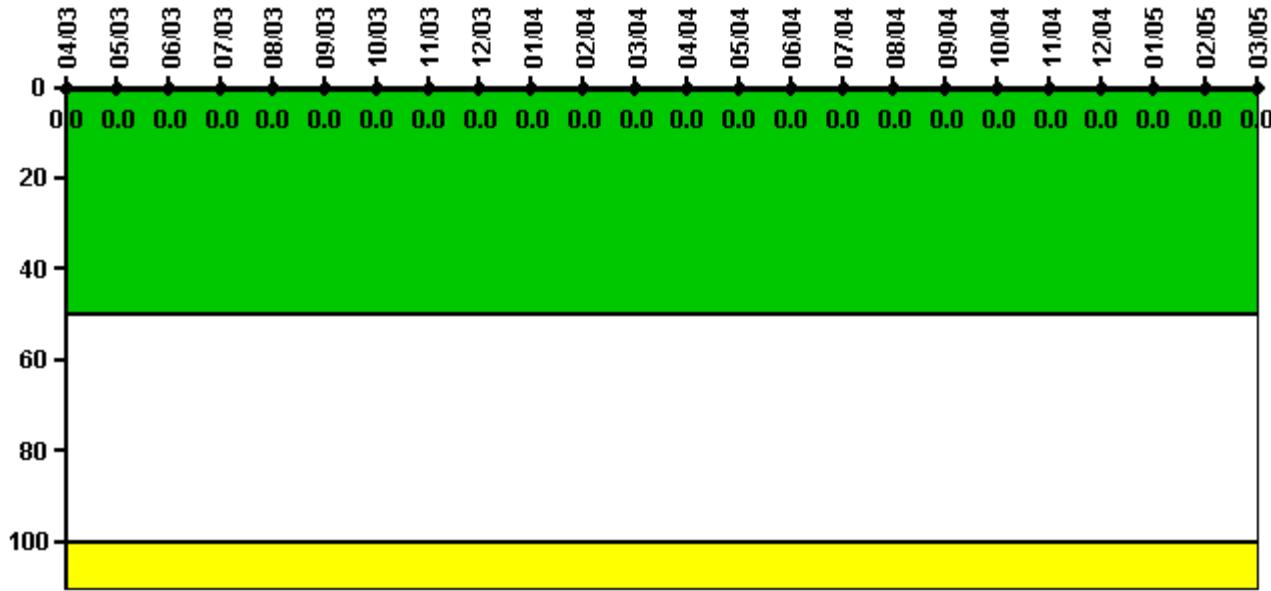
Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Safety System Functional Failures	0	1	1	1	2	0	0	0
Indicator value	2	1	2	3	5	4	3	2

Licensee Comments: none

Reactor Coolant System Activity



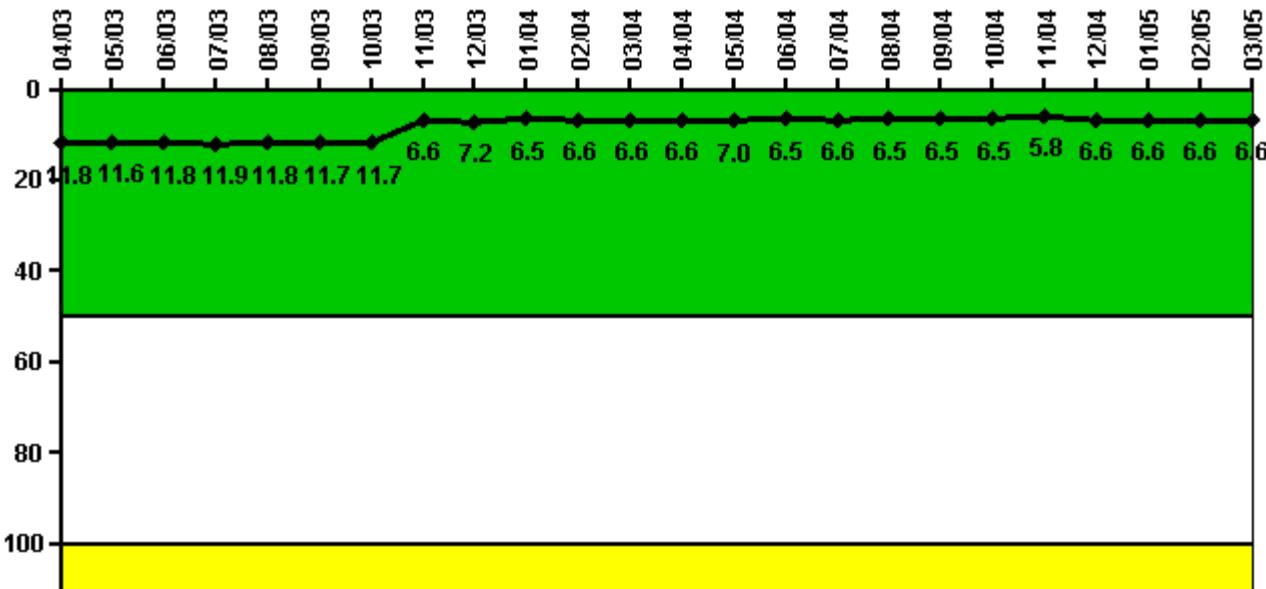
Thresholds: White > 50.0 Yellow > 100.0

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	0.000013	0.000017	0.000025	0.000005	0.000004	0.000005	0.000004	0.000010	0.000010	0.000008	0.000035	0.000006
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05
Maximum activity	0.000008	0.000008	0.000007	0.000006	0.000009	0.000007	0.000007	0	0.000006	0.000032	0.000043	0.000006
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



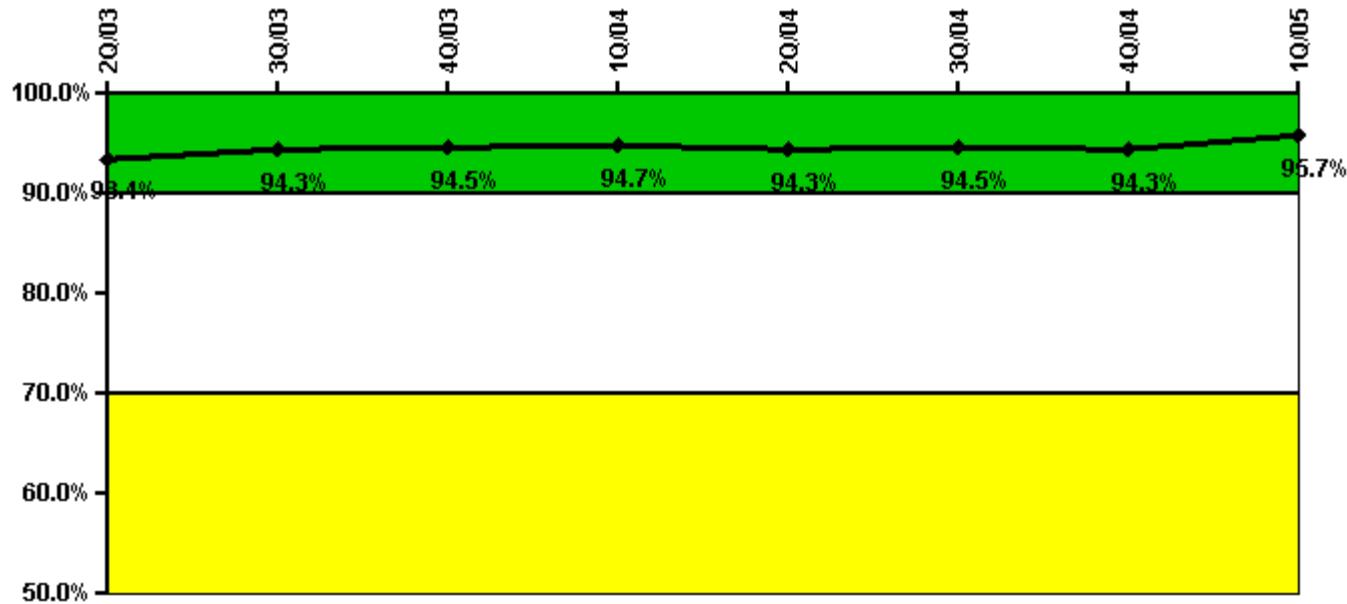
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04
Maximum leakage	2.957	2.890	2.945	2.978	2.938	2.937	2.913	1.653	1.790	1.625	1.643	1.638
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	11.8	11.6	11.8	11.9	11.8	11.7	11.7	6.6	7.2	6.5	6.6	6.6
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	1.640	1.740	1.632	1.638	1.628	1.620	1.637	1.455	1.652	1.650	1.643	1.655
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	6.6	7.0	6.5	6.6	6.5	6.5	6.5	5.8	6.6	6.6	6.6	6.6

Licensee Comments: none

Drill/Exercise Performance



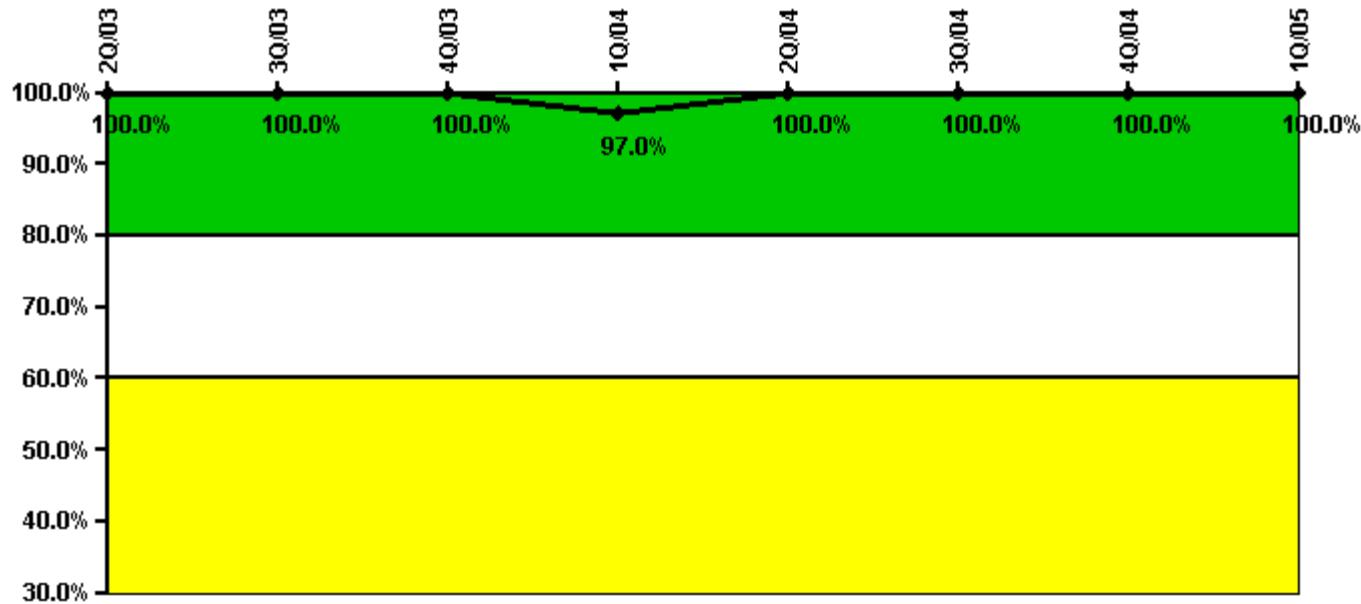
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Successful opportunities	56.0	56.0	0	22.0	32.0	10.0	29.0	61.0
Total opportunities	62.0	58.0	0	22.0	34.0	10.0	30.0	62.0
Indicator value	93.4%	94.3%	94.5%	94.7%	94.3%	94.5%	94.3%	95.7%

Licensee Comments: none

ERO Drill Participation



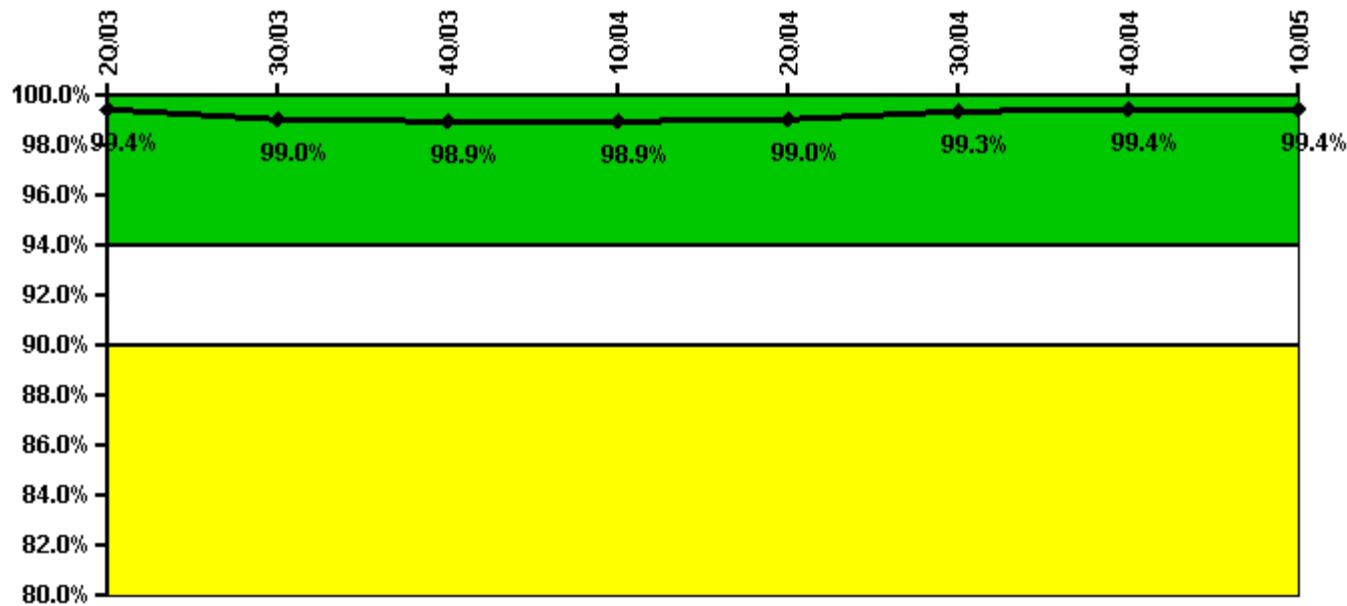
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Participating Key personnel	50.0	50.0	49.0	64.0	60.0	62.0	59.0	60.0
Total Key personnel	50.0	50.0	49.0	66.0	60.0	62.0	59.0	60.0
Indicator value	100.0%	100.0%	100.0%	97.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System

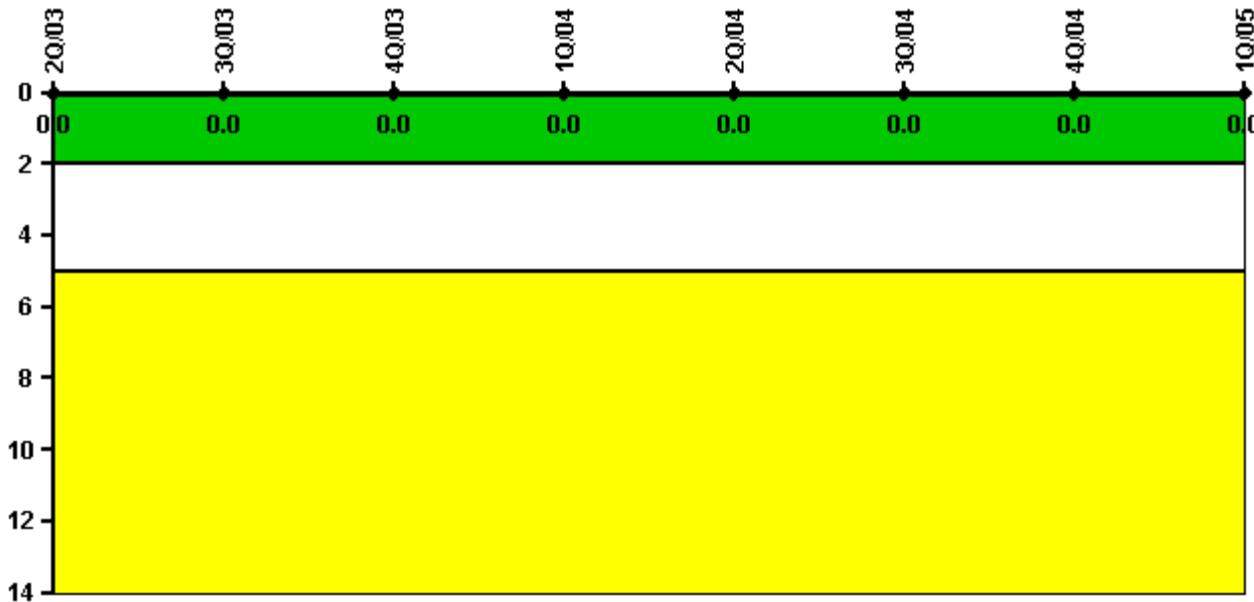


Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Successful siren-tests	4974	4897	4964	4974	4943	5005	5045	4983
Total sirens-tests	5056	4994	4992	4992	4992	5055	5057	4992
Indicator value	99.4%	99.0%	98.9%	98.9%	99.0%	99.3%	99.4%	99.4%

Licensee Comments: none

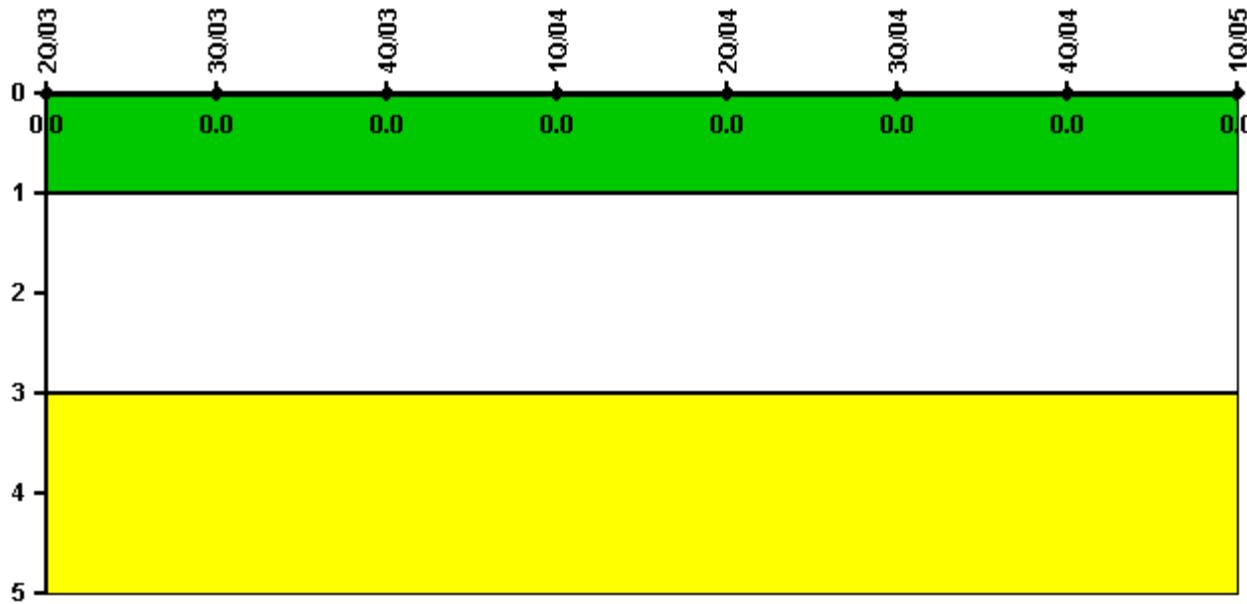
Occupational Exposure Control Effectiveness

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							

Licensee Comments: none

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

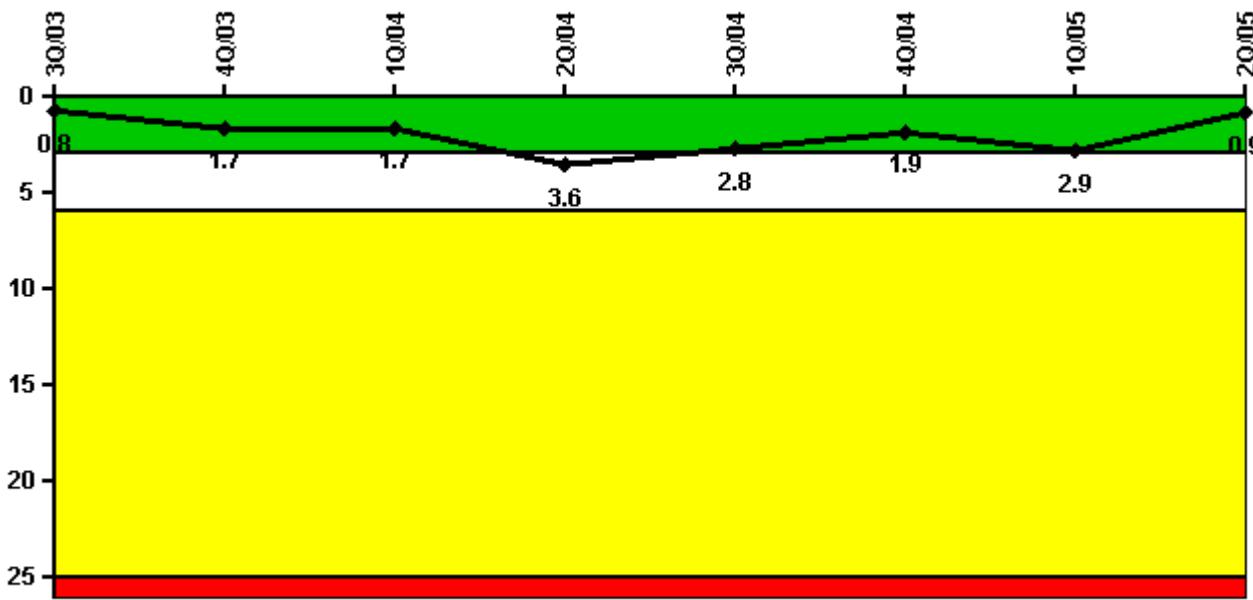


[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: June 17, 2005

Dresden 2**2Q/2005 Performance Indicators**

Licensee's General Comments: none

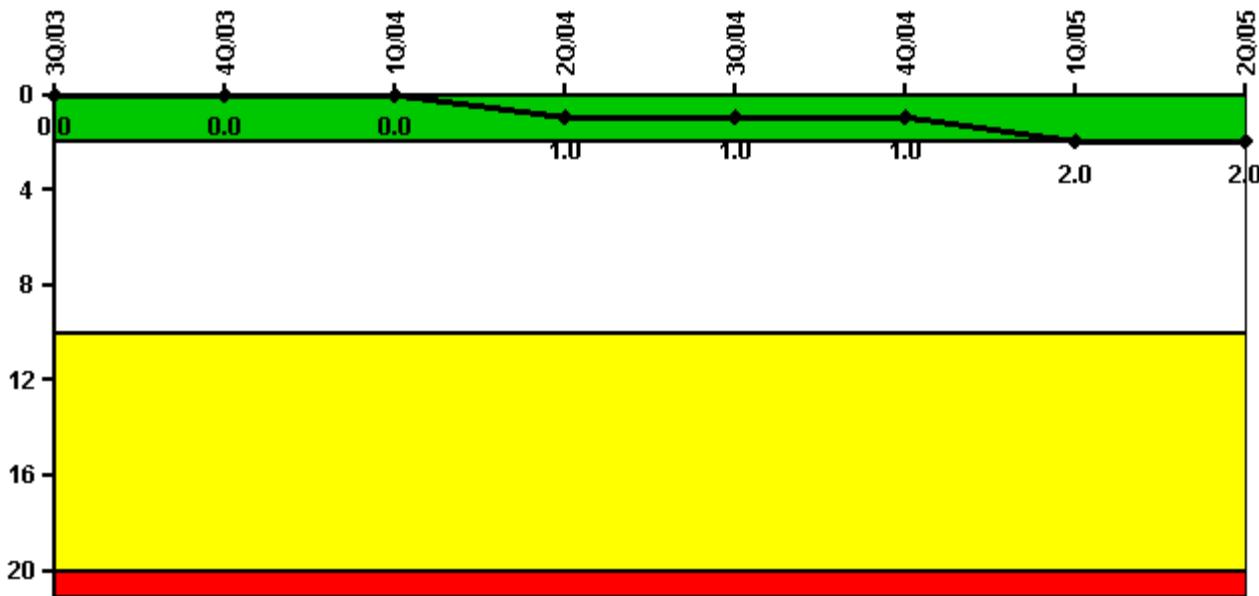
Unplanned Scrams per 7000 Critical Hrs

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	1.0	1.0	0	2.0	0	0	1.0	0
Critical hours	2204.2	1528.9	2184.0	1844.0	1972.5	1263.9	2094.0	2183.0
Indicator value	0.8	1.7	1.7	3.6	2.8	1.9	2.9	0.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

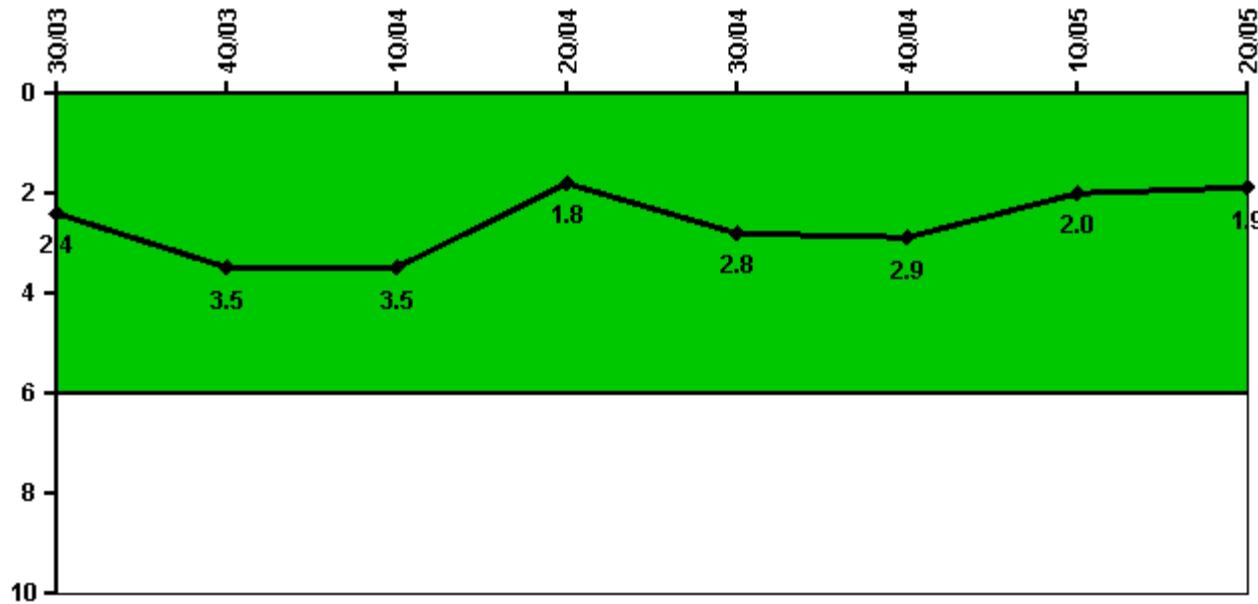
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Scrams	0	0	0	1.0	0	0	1.0	0
Indicator value	0	0	0	1.0	1.0	1.0	2.0	2.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



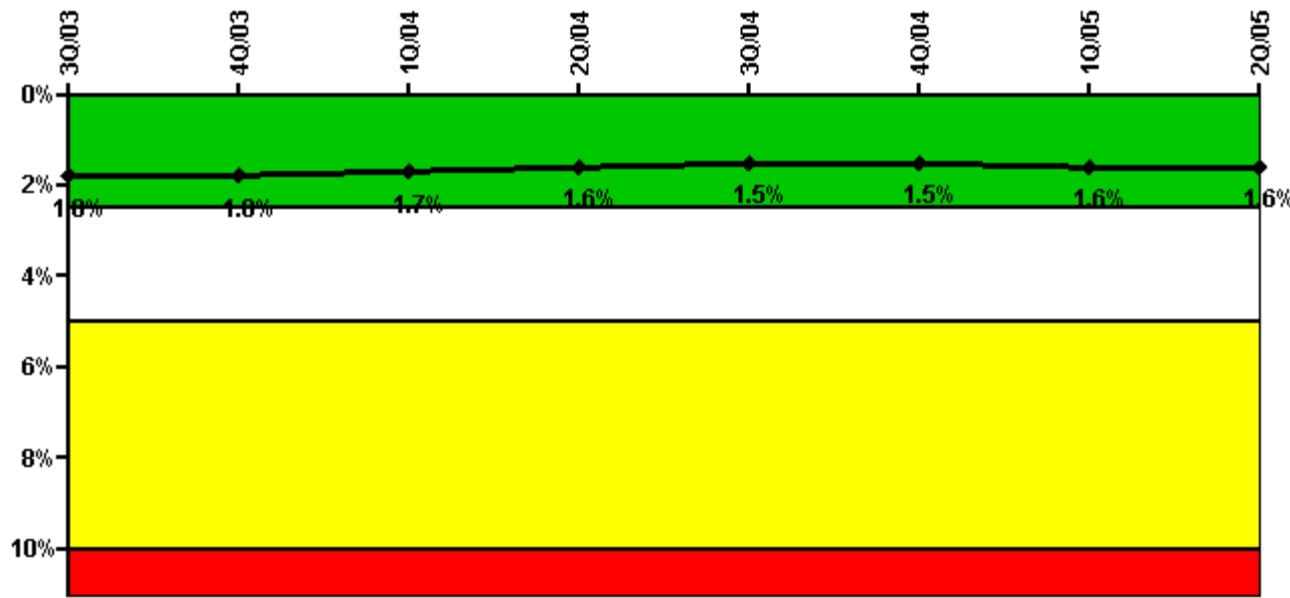
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Unplanned power changes	0	1.0	1.0	0	1.0	1.0	0	0
Critical hours	2204.2	1528.9	2184.0	1844.0	1972.5	1263.9	2094.0	2183.0
Indicator value	2.4	3.5	3.5	1.8	2.8	2.9	2.0	1.9

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/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	38.25	5.83	7.56	9.76	8.43	6.50	123.33	8.98
Unplanned unavailable hours	0	0	0	0	0	0	17.42	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	38.02	29.15	96.19	8.36	9.43	5.98	7.35	34.83
Unplanned unavailable hours	0	0	3.10	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	1.8%	1.8%	1.7%	1.6%	1.5%	1.5%	1.6%	1.6%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)



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

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	11.38	5.15	74.90	0	1.68	0	66.67	0
Unplanned unavailable hours	26.50	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	2204.22	1528.92	2184.00	1844.00	1972.45	1263.90	2093.95	2183.00
Indicator value	1.9%	1.9%	2.0%	1.9%	1.9%	2.0%	1.8%	1.7%

Licensee Comments: none

Safety System Unavailability, Heat Removal System

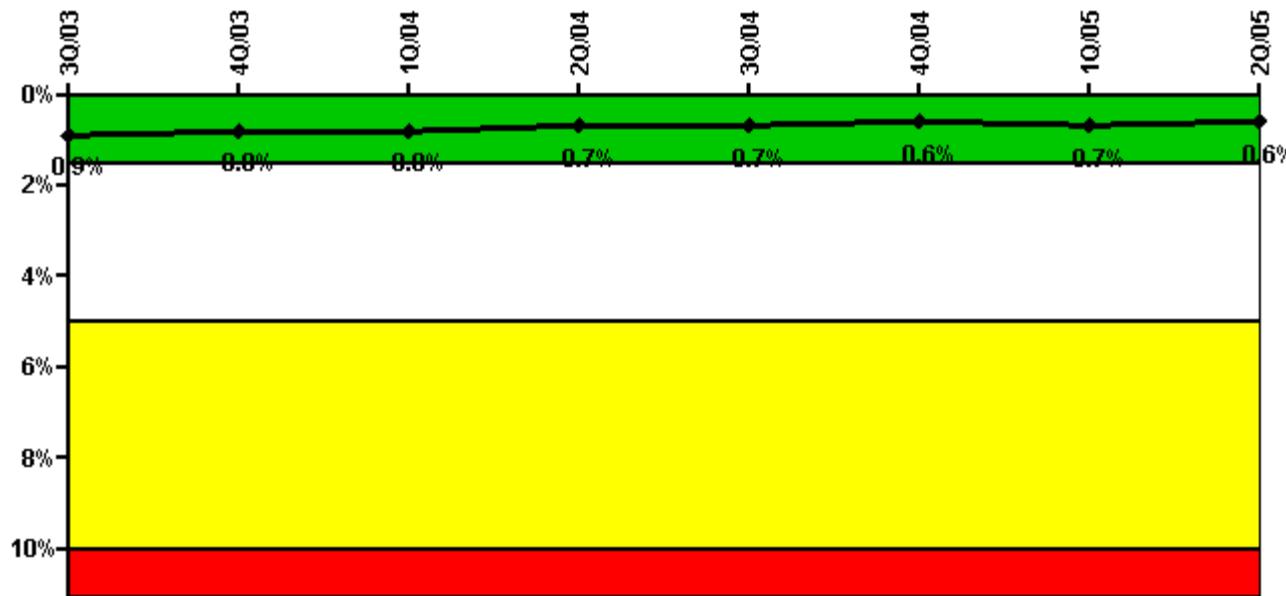
Thresholds under development / review

Notes

Safety System Unavailability, Heat Removal System	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours								
Unplanned unavailable hours								
Fault exposure hours								
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours								
Indicator value								

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



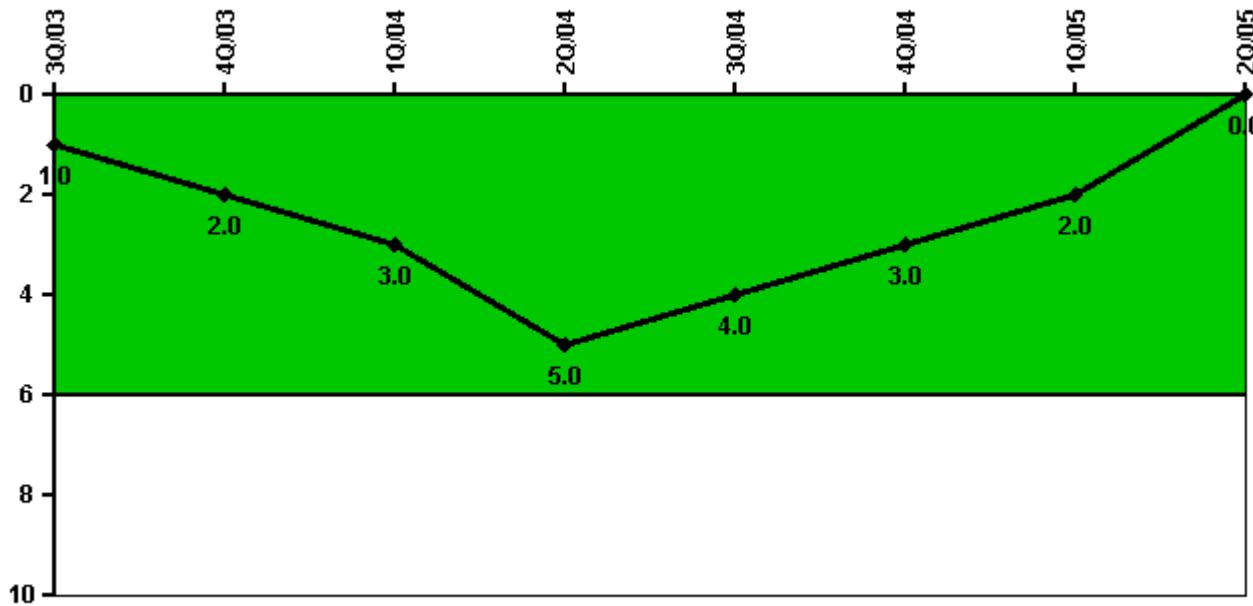
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

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	6.05	24.37	18.90	0	3.03	0	63.22	3.42
Unplanned unavailable hours	0	0	0	0	0	0	29.08	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2204.22	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	0	6.40	4.72	0	1.20	0	74.23	1.95
Unplanned unavailable hours	0	0	0	0	0	0	13.75	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2204.22	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 3								
Planned unavailable hours	16.60	0	0	0	0	0	0	22.63
Unplanned unavailable hours	0	0.42	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 4								
Planned unavailable hours	16.58	0	0	0	0	0	0	22.63
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	0.9%	0.8%	0.8%	0.7%	0.7%	0.6%	0.7%	0.6%

Licensee Comments: none

Safety System Functional Failures (BWR)



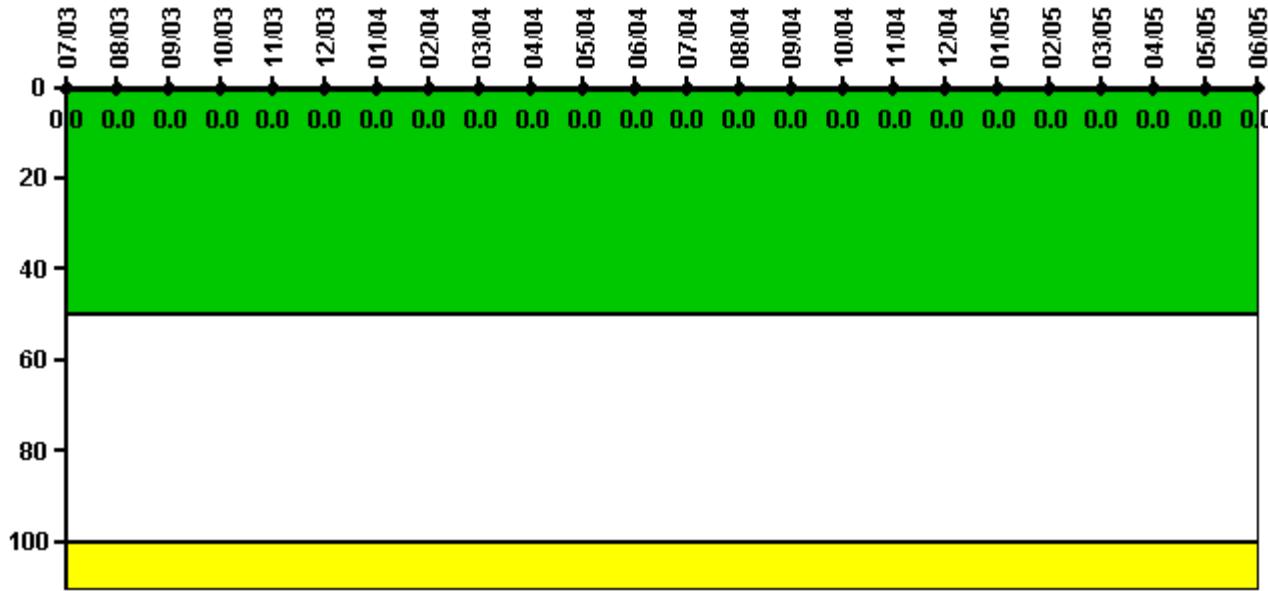
Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Safety System Functional Failures	1	1	1	2	0	0	0	0
Indicator value	1	2	3	5	4	3	2	0

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

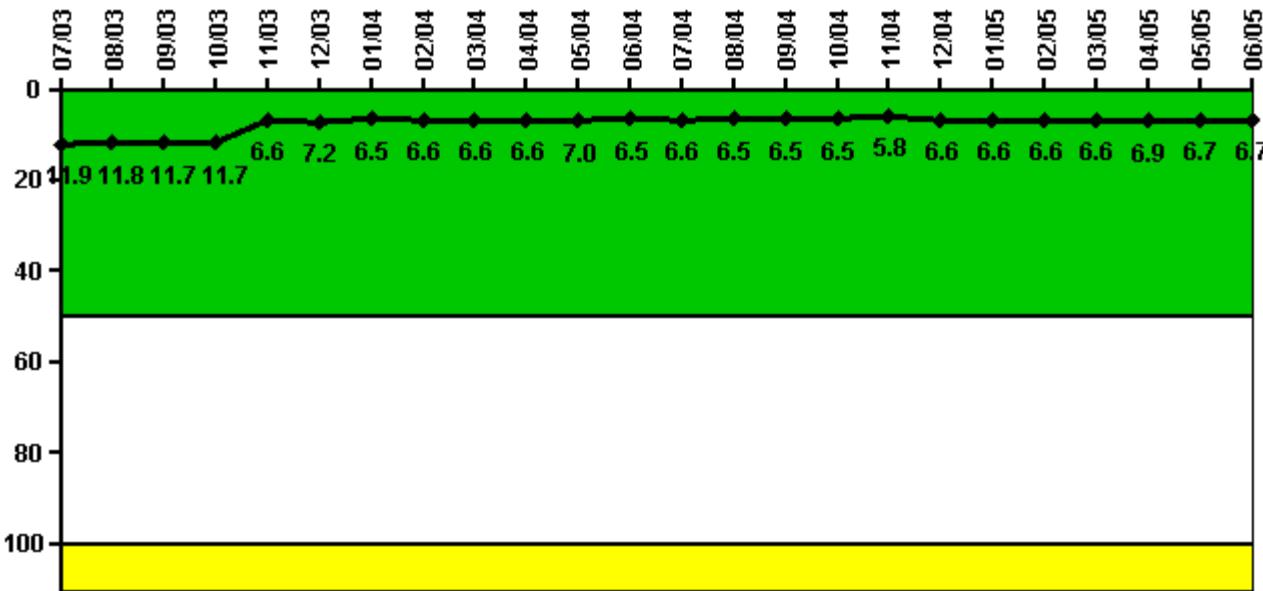
Notes

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	0.000005	0.000004	0.000005	0.000004	0.000010	0.000010	0.000008	0.000035	0.000006	0.000008	0.000008	0.000007
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

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	0.000006	0.000009	0.000007	0.000007	0	0.000006	0.000032	0.000043	0.000006	0.000006	0.000005	0.000005
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



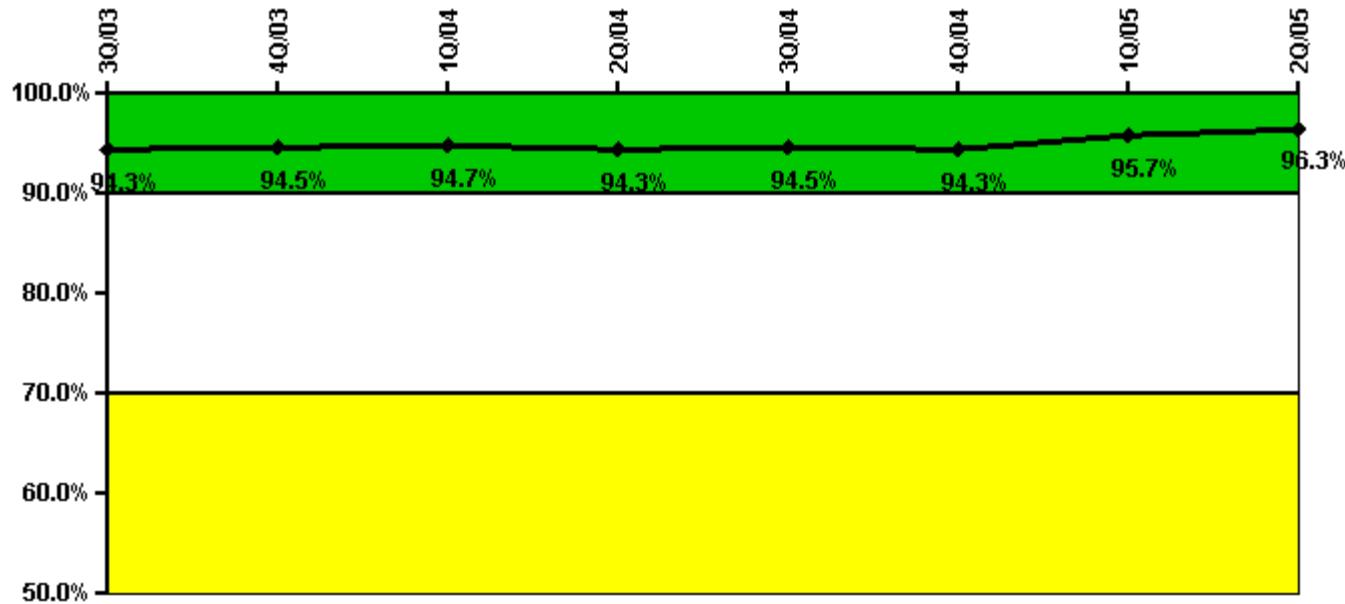
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04
Maximum leakage	2.978	2.938	2.937	2.913	1.653	1.790	1.625	1.643	1.638	1.640	1.740	1.632
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	11.9	11.8	11.7	11.7	6.6	7.2	6.5	6.6	6.6	6.6	7.0	6.5
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	1.638	1.628	1.620	1.637	1.455	1.652	1.650	1.643	1.655	1.717	1.687	1.687
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	6.6	6.5	6.5	6.5	5.8	6.6	6.6	6.6	6.6	6.9	6.7	6.7

Licensee Comments: none

Drill/Exercise Performance



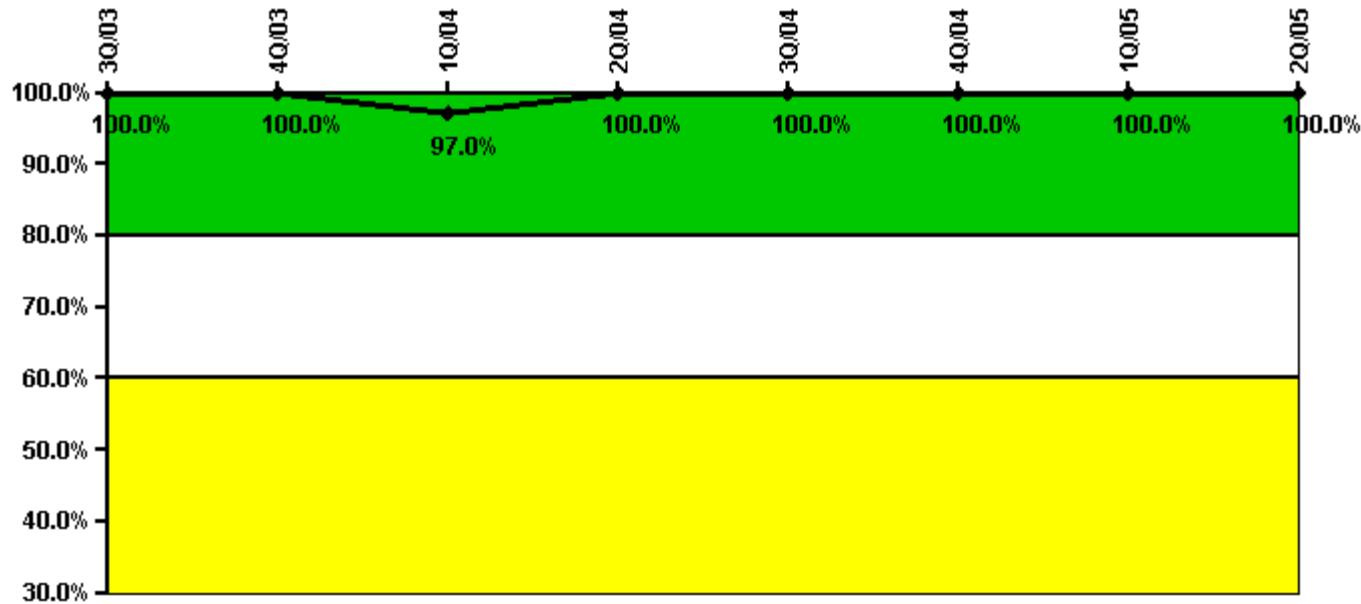
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Successful opportunities	56.0	0	22.0	32.0	10.0	29.0	61.0	25.0
Total opportunities	58.0	0	22.0	34.0	10.0	30.0	62.0	28.0
Indicator value	94.3%	94.5%	94.7%	94.3%	94.5%	94.3%	95.7%	96.3%

Licensee Comments: none

ERO Drill Participation



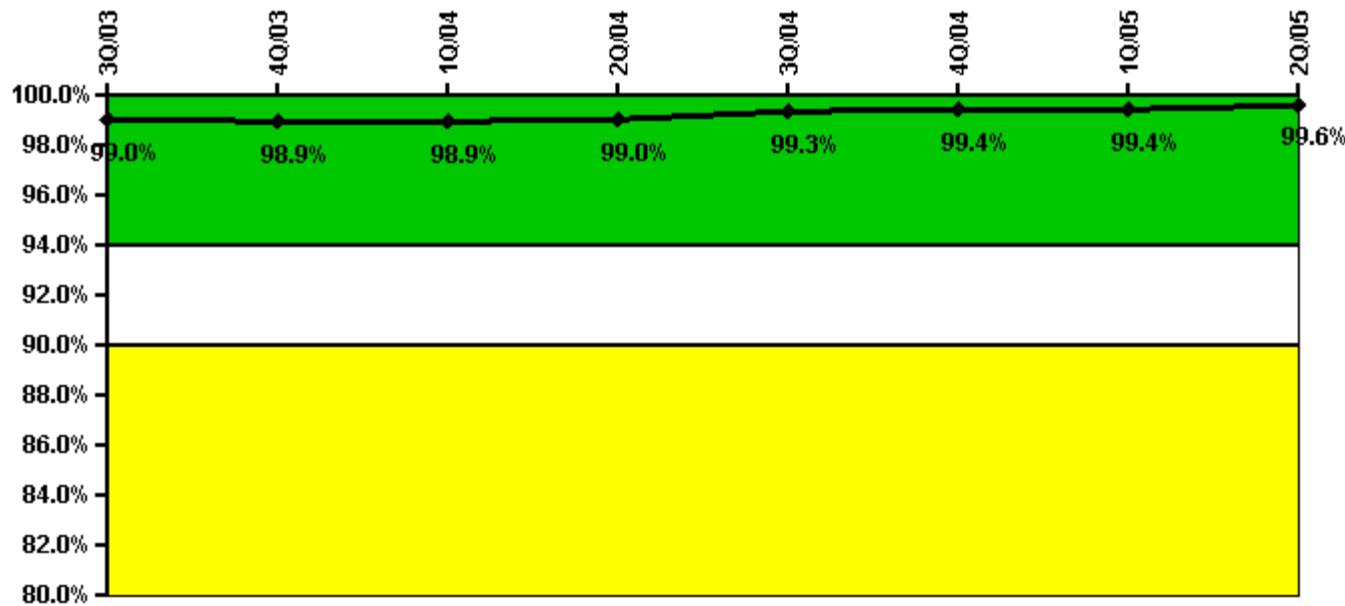
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Participating Key personnel	50.0	49.0	64.0	60.0	62.0	59.0	60.0	62.0
Total Key personnel	50.0	49.0	66.0	60.0	62.0	59.0	60.0	62.0
Indicator value	100.0%	100.0%	97.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System

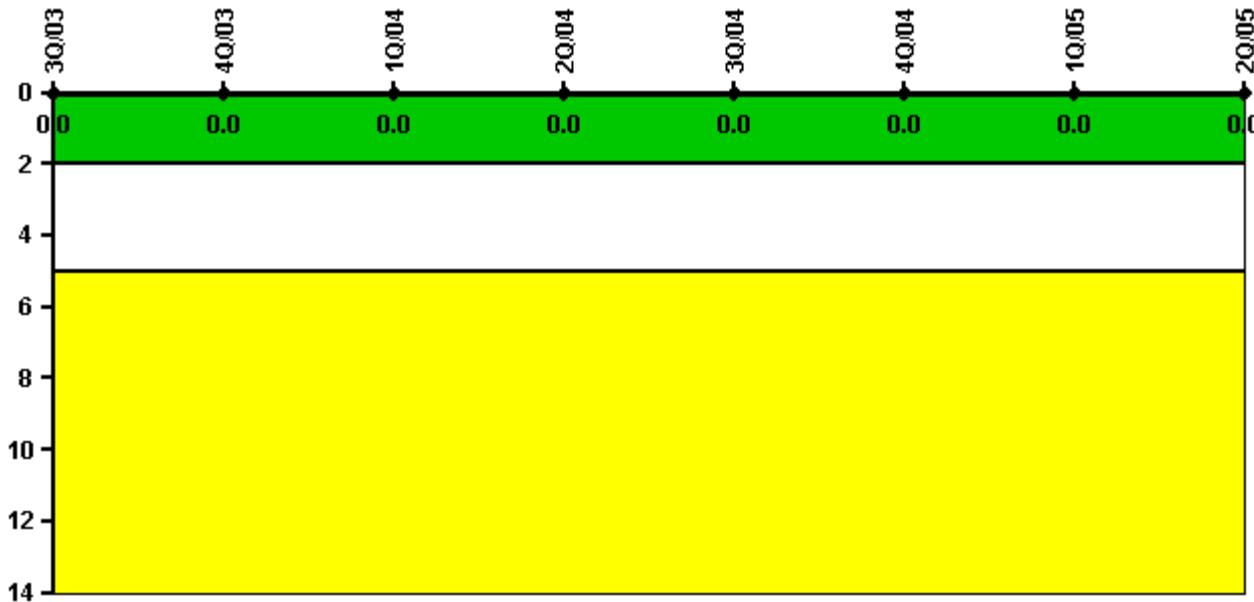


Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Successful siren-tests	4897	4964	4974	4943	5005	5045	4983	4972
Total sirens-tests	4994	4992	4992	4992	5055	5057	4992	4991
Indicator value	99.0%	98.9%	98.9%	99.0%	99.3%	99.4%	99.4%	99.6%

Licensee Comments: none

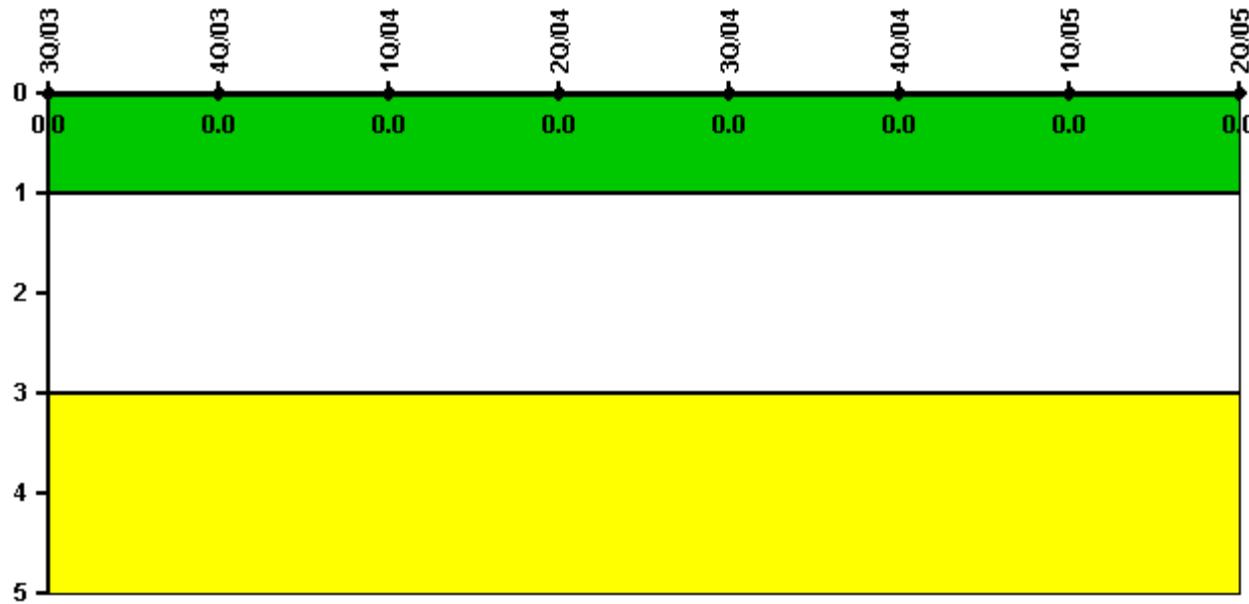
Occupational Exposure Control Effectiveness

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.

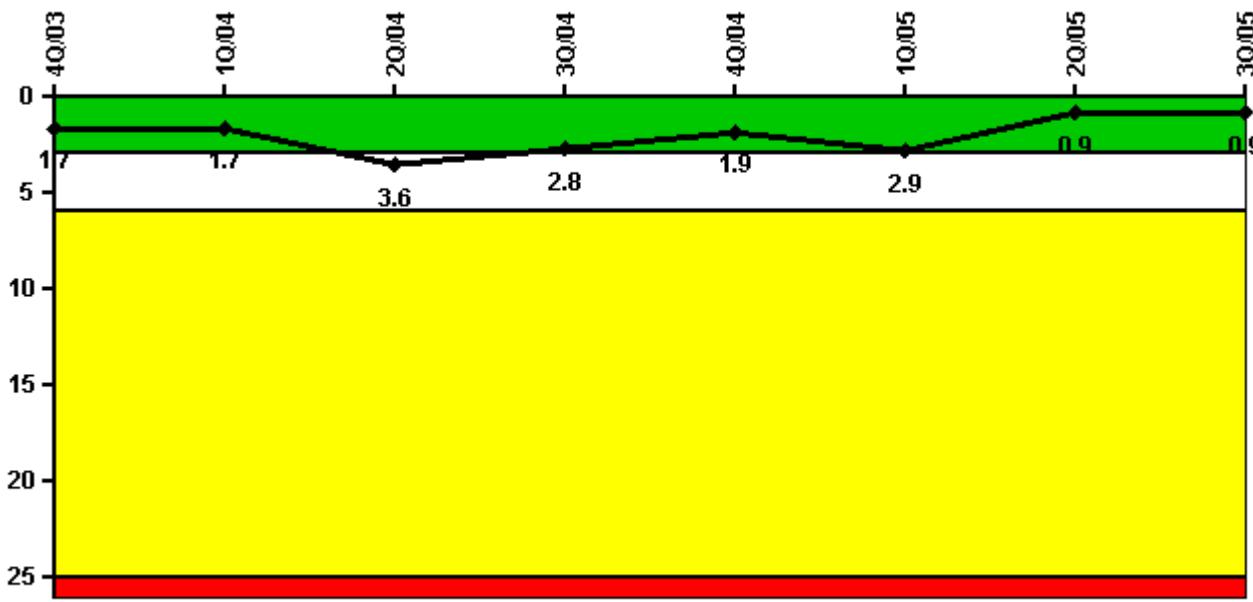


[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: August 3, 2005

Dresden 2**3Q/2005 Performance Indicators**

Licensee's General Comments: none

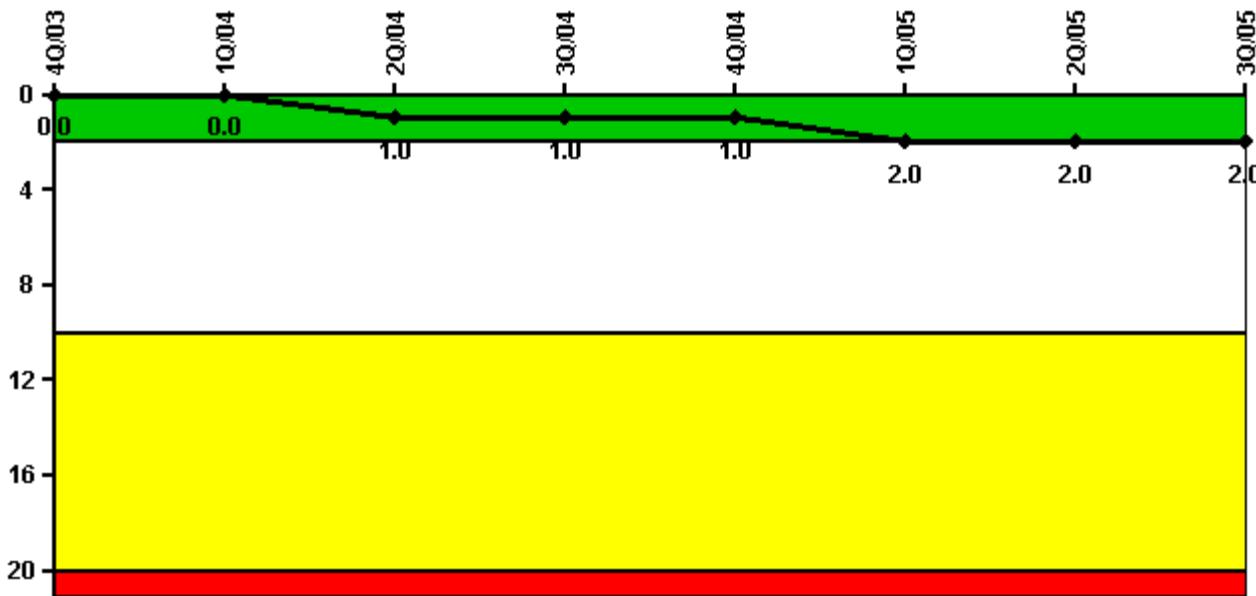
Unplanned Scrams per 7000 Critical Hrs

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	1.0	0	2.0	0	0	1.0	0	0
Critical hours	1528.9	2184.0	1844.0	1972.5	1263.9	2094.0	2183.0	1882.2
Indicator value	1.7	1.7	3.6	2.8	1.9	2.9	0.9	0.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

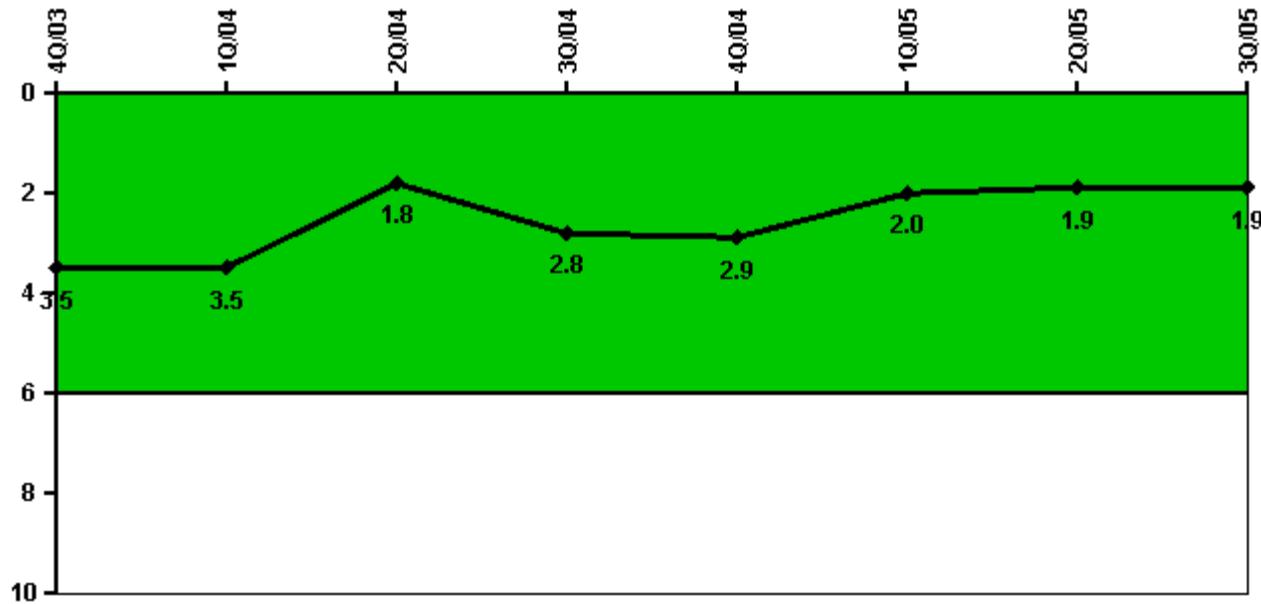
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Scrams	0	0	1.0	0	0	1.0	0	0
Indicator value	0	0	1.0	1.0	1.0	2.0	2.0	2.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



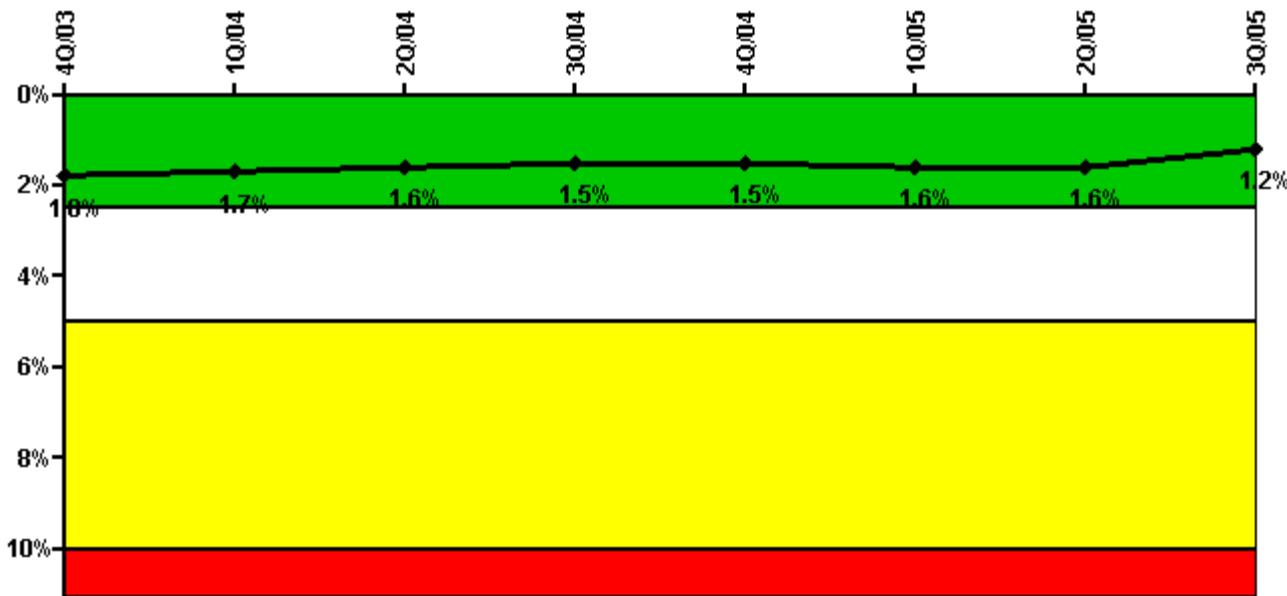
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Unplanned power changes	1.0	1.0	0	1.0	1.0	0	0	1.0
Critical hours	1528.9	2184.0	1844.0	1972.5	1263.9	2094.0	2183.0	1882.2
Indicator value	3.5	3.5	1.8	2.8	2.9	2.0	1.9	1.9

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



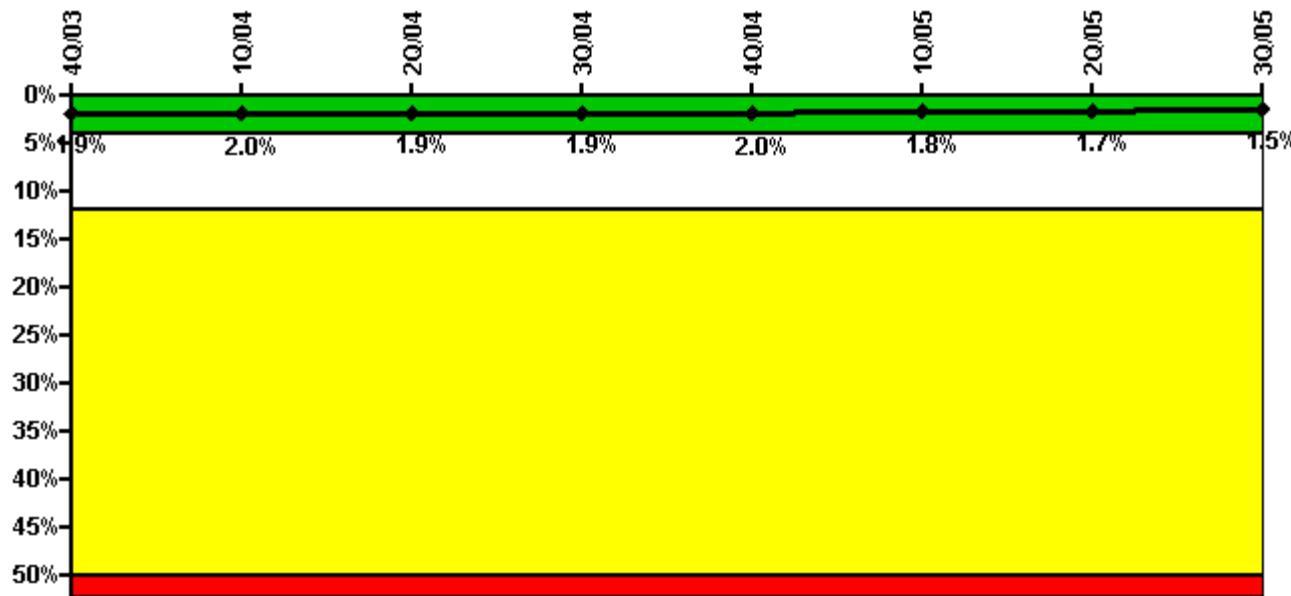
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours	5.83	7.56	9.76	8.43	6.50	123.33	8.98	8.46
Unplanned unavailable hours	0	0	0	0	0	17.42	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	29.15	96.19	8.36	9.43	5.98	7.35	34.83	7.13
Unplanned unavailable hours	0	3.10	0	0	0	0	0	9.68
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	1.8%	1.7%	1.6%	1.5%	1.5%	1.6%	1.6%	1.2%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)



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

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours	5.15	74.90	0	1.68	0	66.67	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	1528.92	2184.00	1844.00	1972.45	1263.90	2093.95	2183.00	1882.15
Indicator value	1.9%	2.0%	1.9%	1.9%	2.0%	1.8%	1.7%	1.5%

Licensee Comments: none

Safety System Unavailability, Heat Removal System

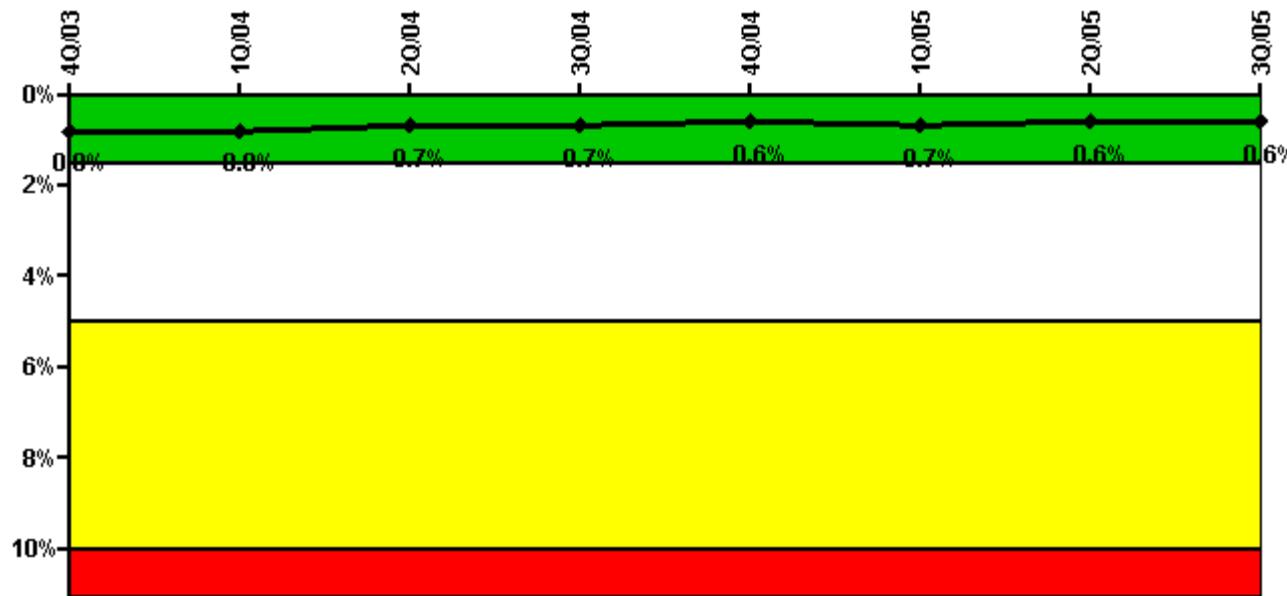
Thresholds under development / review

Notes

Safety System Unavailability, Heat Removal System	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours								
Unplanned unavailable hours								
Fault exposure hours								
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours								
Indicator value								

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



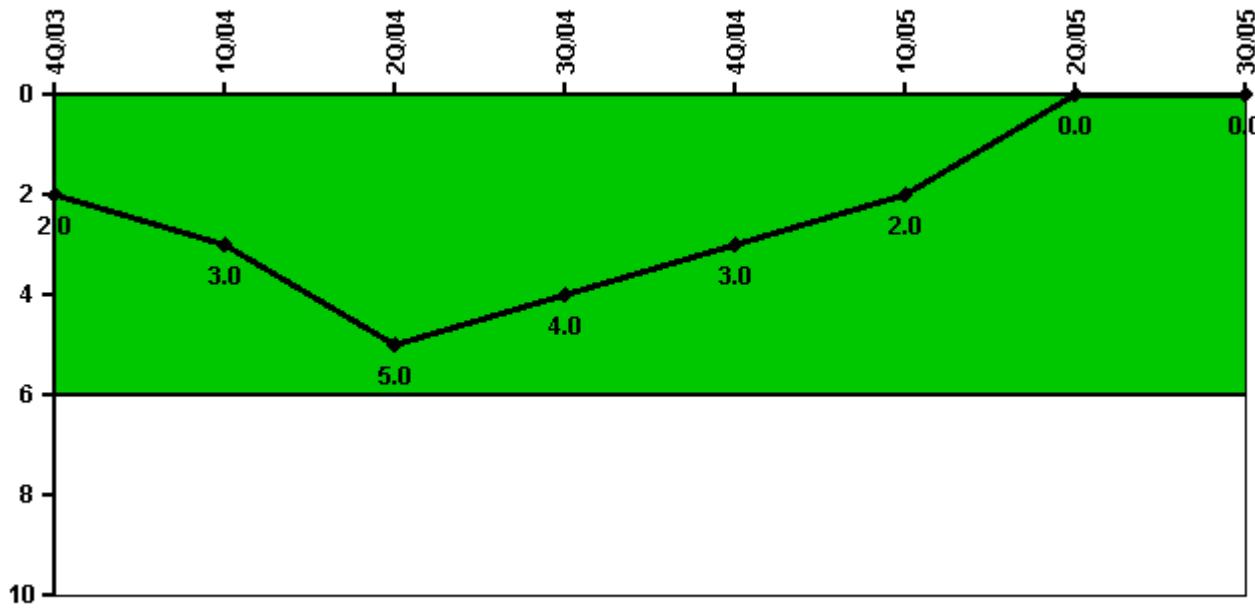
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

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	24.37	18.90	0	3.03	0	63.22	3.42	0
Unplanned unavailable hours	0	0	0	0	0	29.08	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	6.40	4.72	0	1.20	0	74.23	1.95	0
Unplanned unavailable hours	0	0	0	0	0	13.75	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 3								
Planned unavailable hours	0	0	0	0	0	0	22.63	11.40
Unplanned unavailable hours	0.42	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 4								
Planned unavailable hours	0	0	0	0	0	0	22.63	11.40
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	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	0.8%	0.8%	0.7%	0.7%	0.6%	0.7%	0.6%	0.6%

Licensee Comments: none

Safety System Functional Failures (BWR)



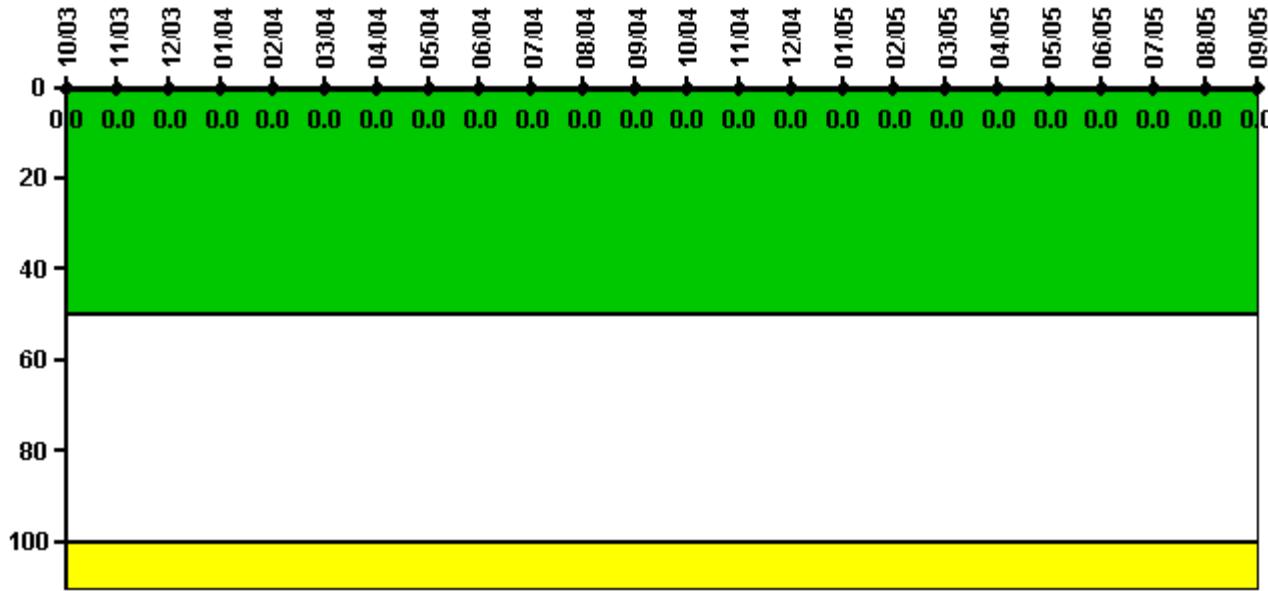
Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Safety System Functional Failures	1	1	2	0	0	0	0	0
Indicator value	2	3	5	4	3	2	0	0

Licensee Comments: none

Reactor Coolant System Activity



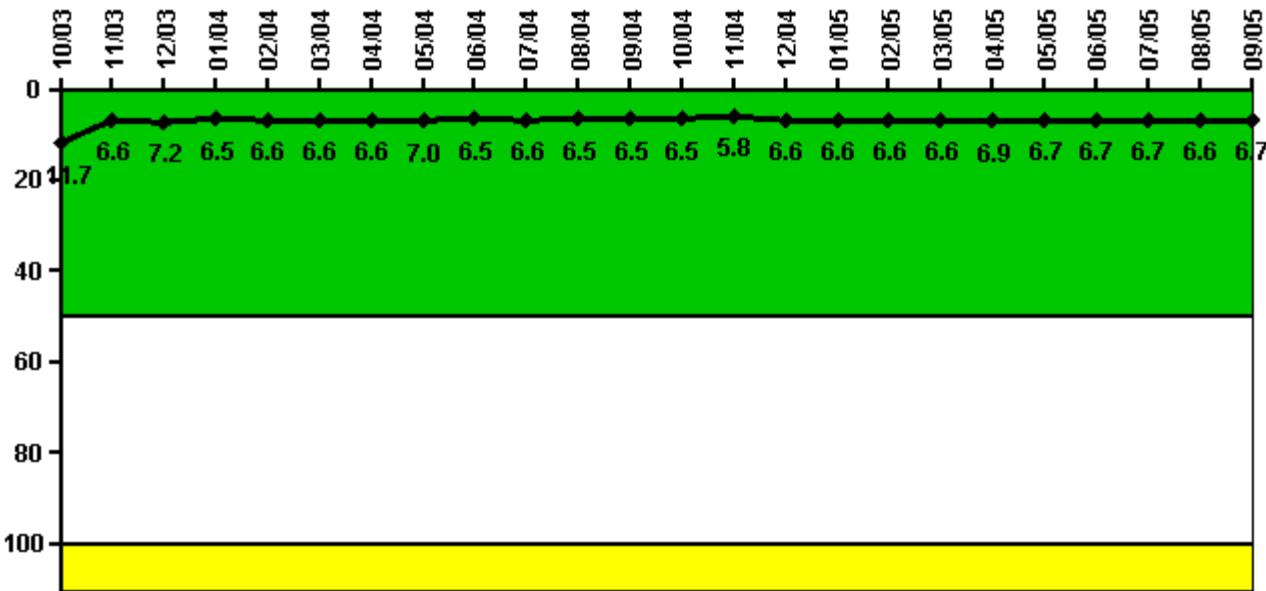
Thresholds: White > 50.0 Yellow > 100.0

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	0.000004	0.000010	0.000010	0.000008	0.000035	0.000006	0.000008	0.000008	0.000007	0.000006	0.000009	0.000007
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
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	0.000007	0	0.000006	0.000032	0.000043	0.000006	0.000006	0.000005	0.000005	0.000006	0.000006	0.000007
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



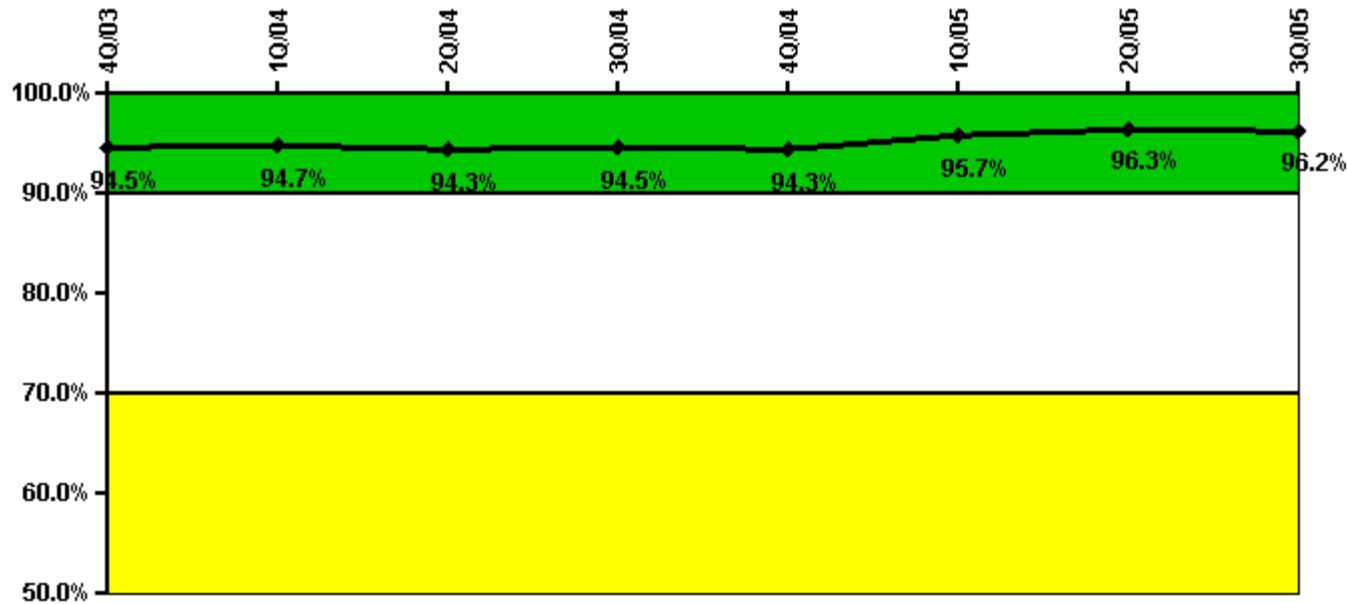
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04
Maximum leakage	2.913	1.653	1.790	1.625	1.643	1.638	1.640	1.740	1.632	1.638	1.628	1.620
Indicator value	11.7	6.6	7.2	6.5	6.6	6.6	6.6	7.0	6.5	6.6	6.5	6.5
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	1.637	1.455	1.652	1.650	1.643	1.655	1.717	1.687	1.687	1.670	1.658	1.663
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	6.5	5.8	6.6	6.6	6.6	6.6	6.9	6.7	6.7	6.7	6.6	6.7

Licensee Comments: none

Drill/Exercise Performance



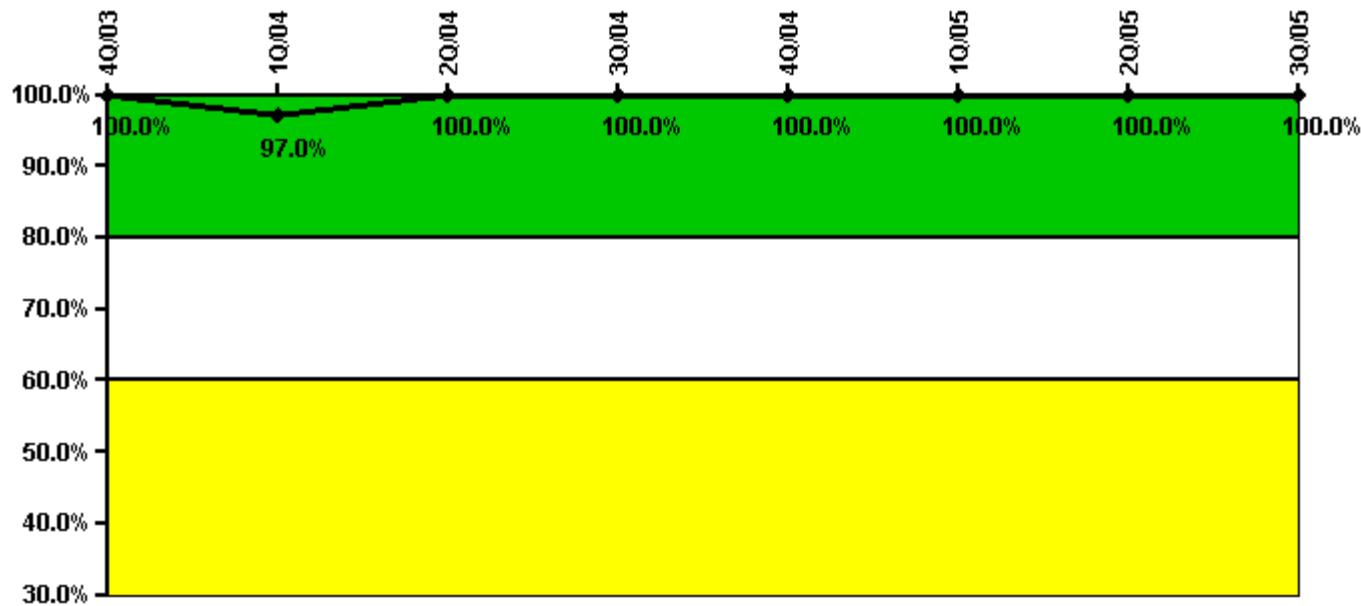
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Successful opportunities	0	22.0	32.0	10.0	29.0	61.0	25.0	26.0
Total opportunities	0	22.0	34.0	10.0	30.0	62.0	28.0	27.0
Indicator value	94.5%	94.7%	94.3%	94.5%	94.3%	95.7%	96.3%	96.2%

Licensee Comments: none

ERO Drill Participation



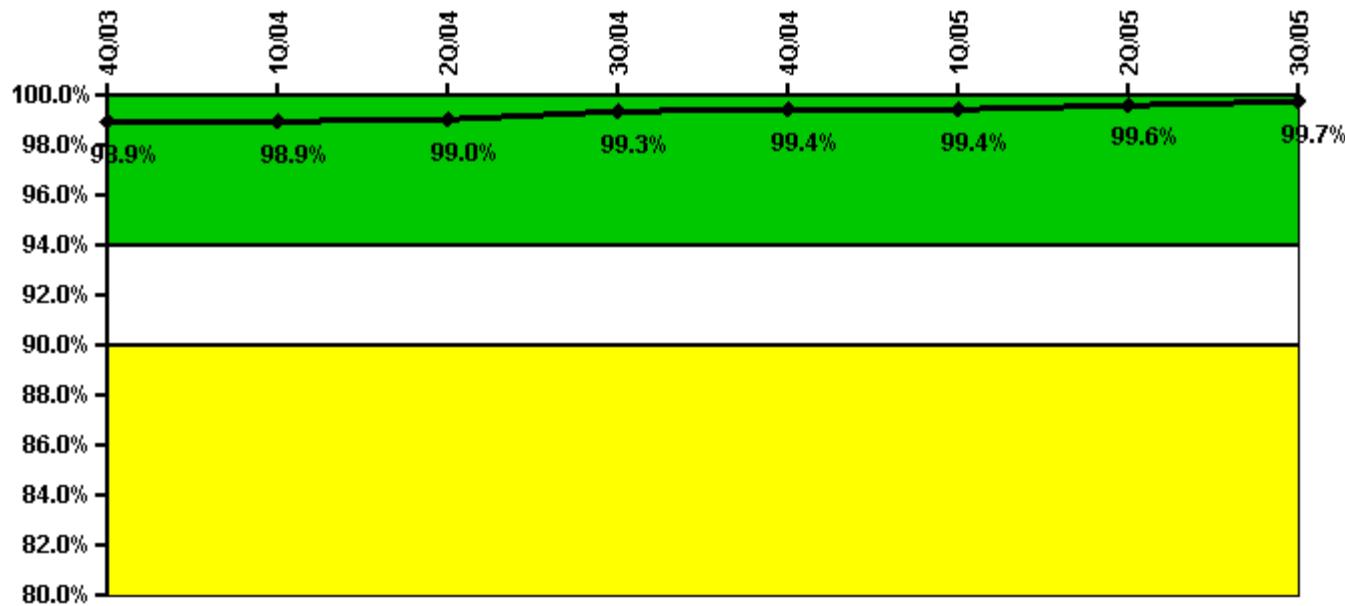
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Participating Key personnel	49.0	64.0	60.0	62.0	59.0	60.0	62.0	63.0
Total Key personnel	49.0	66.0	60.0	62.0	59.0	60.0	62.0	63.0
Indicator value	100.0%	97.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System

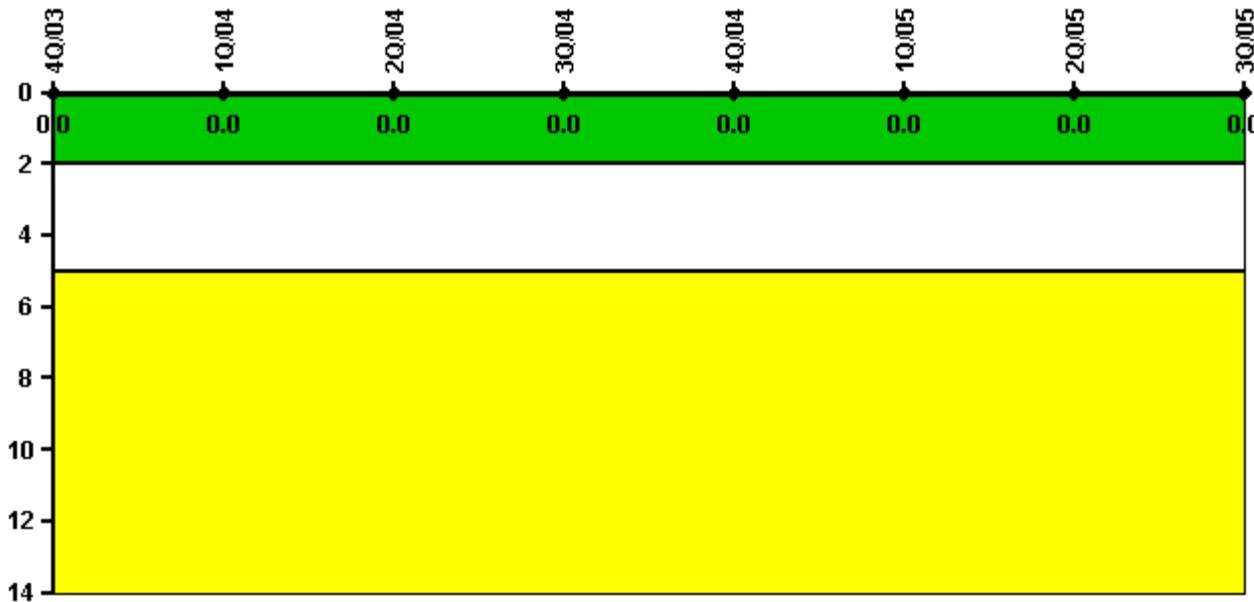


Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Successful siren-tests	4964	4974	4943	5005	5045	4983	4972	4966
Total sirens-tests	4992	4992	4992	5055	5057	4992	4991	4992
Indicator value	98.9%	98.9%	99.0%	99.3%	99.4%	99.4%	99.6%	99.7%

Licensee Comments: none

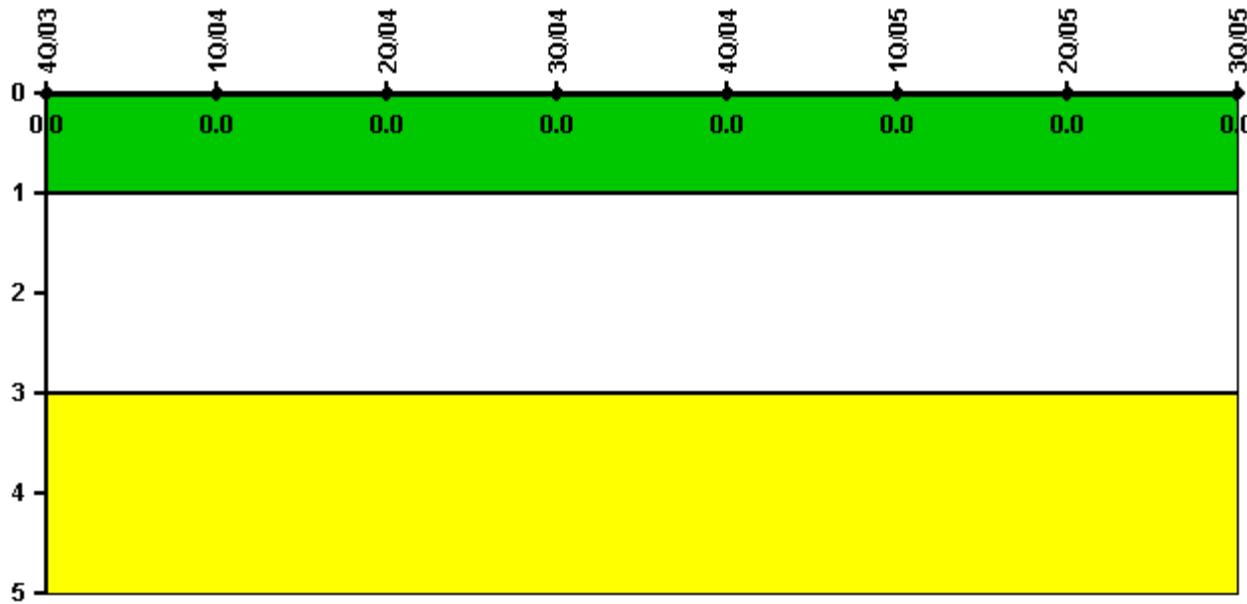
Occupational Exposure Control Effectiveness

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.

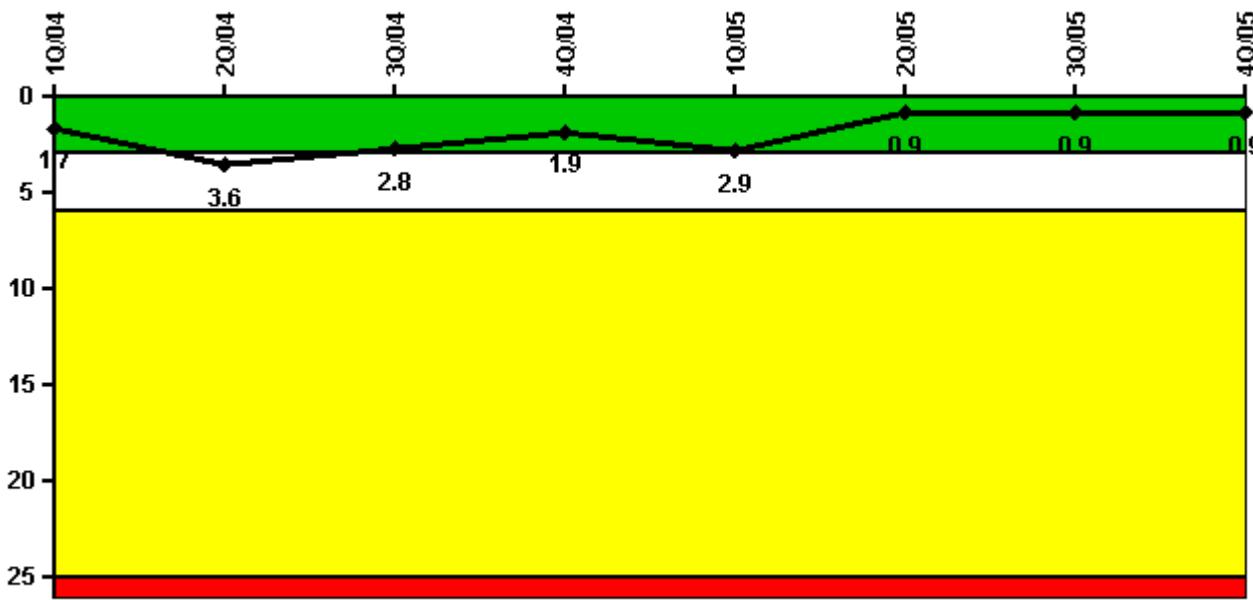


[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: November 3, 2005

Dresden 2**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	2.0	0	0	1.0	0	0	0
Critical hours	2184.0	1844.0	1972.5	1263.9	2094.0	2183.0	1882.2	1735.1
Indicator value	1.7	3.6	2.8	1.9	2.9	0.9	0.9	0.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

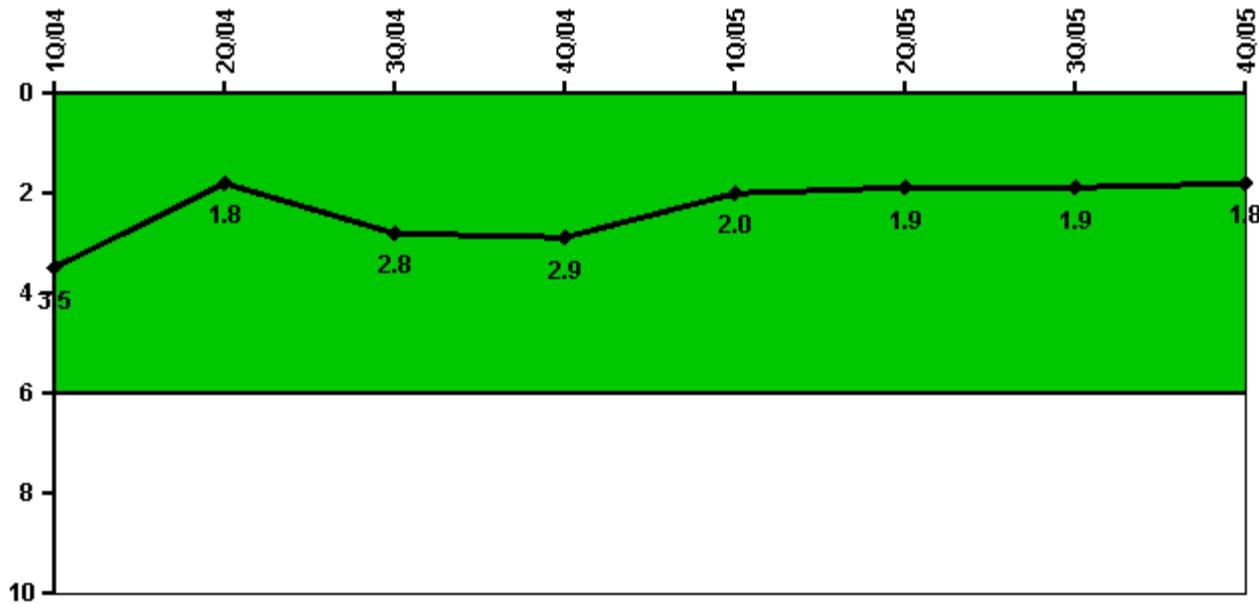
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Scrams	0	1.0	0	0	1.0	0	0	0
Indicator value	0	1.0	1.0	1.0	2.0	2.0	2.0	2.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



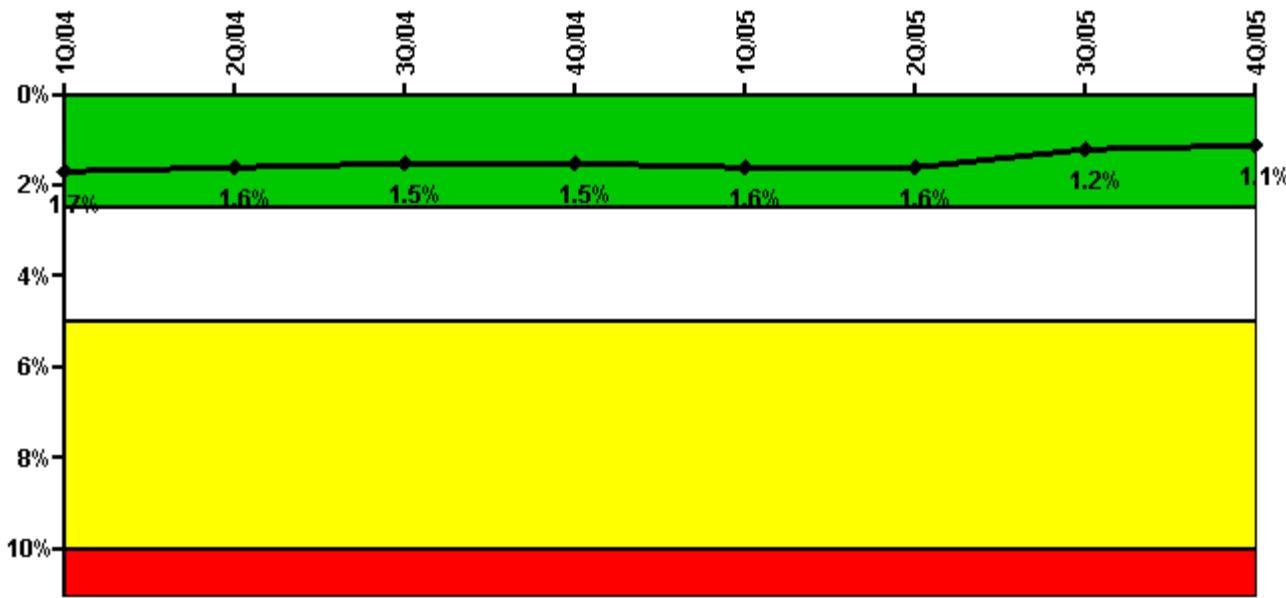
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Unplanned power changes	1.0	0	1.0	1.0	0	0	1.0	1.0
Critical hours	2184.0	1844.0	1972.5	1263.9	2094.0	2183.0	1882.2	1735.1
Indicator value	3.5	1.8	2.8	2.9	2.0	1.9	1.9	1.8

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



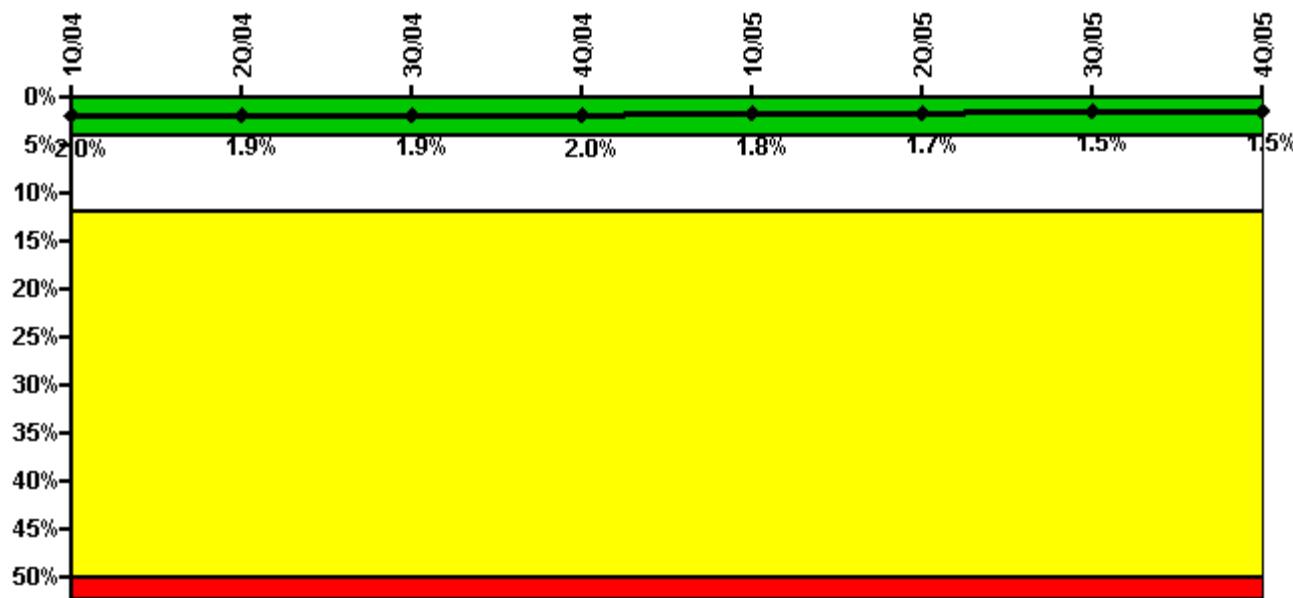
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Train 1								
Planned unavailable hours	7.56	9.76	8.43	6.50	123.33	8.98	8.46	8.78
Unplanned unavailable hours	0	0	0	0	17.42	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	96.19	8.36	9.43	5.98	7.35	34.83	7.13	14.28
Unplanned unavailable hours	3.10	0	0	0	0	0	9.68	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Indicator value	1.7%	1.6%	1.5%	1.5%	1.6%	1.6%	1.2%	1.1%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)



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

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Train 1								
Planned unavailable hours	74.90	0	1.68	0	66.67	0	0	10.67
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	1844.00	1972.45	1263.90	2093.95	2183.00	1882.15	1735.09
Indicator value	2.0%	1.9%	1.9%	2.0%	1.8%	1.7%	1.5%	1.5%

Licensee Comments: none

Safety System Unavailability, Heat Removal System

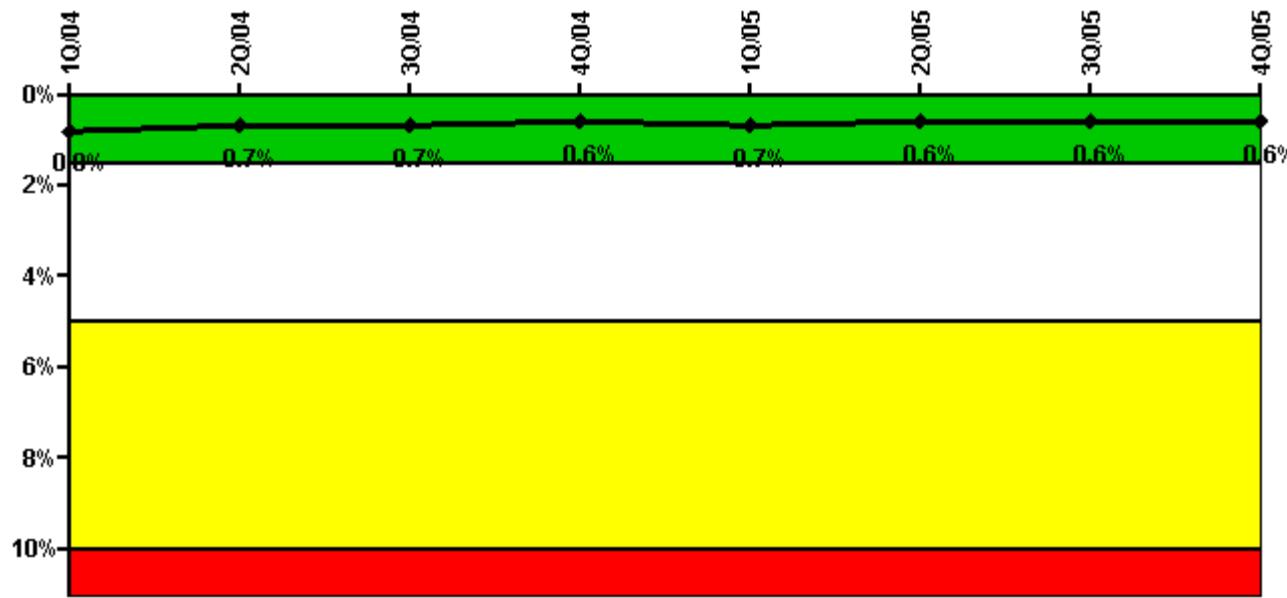
Thresholds under development / review

Notes

Safety System Unavailability, Heat Removal System	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Train 1								
Planned unavailable hours								
Unplanned unavailable hours								
Fault exposure hours								
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours								
Indicator value								

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



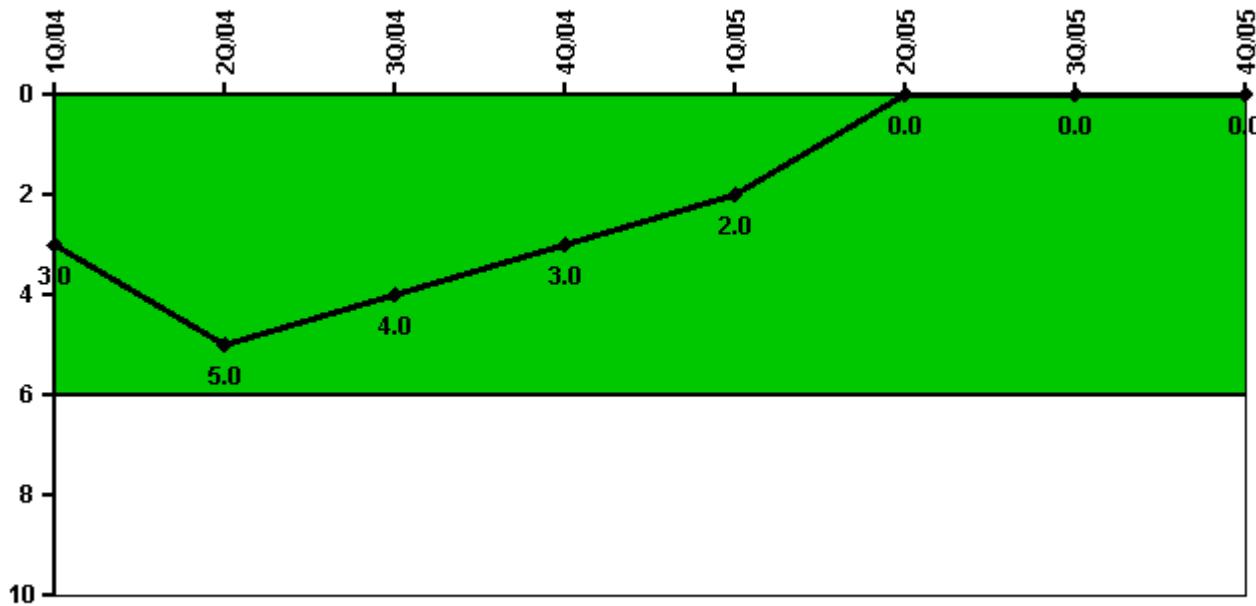
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

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	18.90	0	3.03	0	63.22	3.42	0	54.02
Unplanned unavailable hours	0	0	0	0	29.08	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	4.72	0	1.20	0	74.23	1.95	0	0
Unplanned unavailable hours	0	0	0	0	13.75	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 3								
Planned unavailable hours	0	0	0	0	0	22.63	11.40	0.38
Unplanned unavailable hours	0	0	0	0	0	0	0	1.02
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 4								
Planned unavailable hours	0	0	0	0	0	22.63	11.40	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	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Indicator value	0.8%	0.7%	0.7%	0.6%	0.7%	0.6%	0.6%	0.6%

Licensee Comments: none

Safety System Functional Failures (BWR)



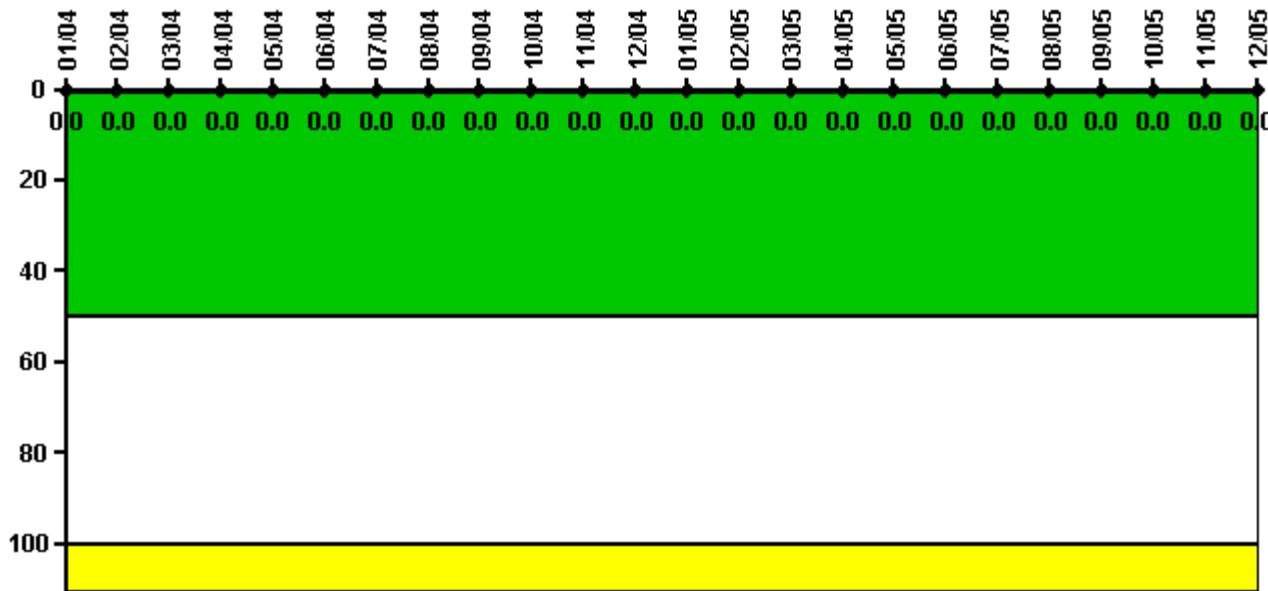
Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Safety System Functional Failures	1	2	0	0	0	0	0	0
Indicator value	3	5	4	3	2	0	0	0

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

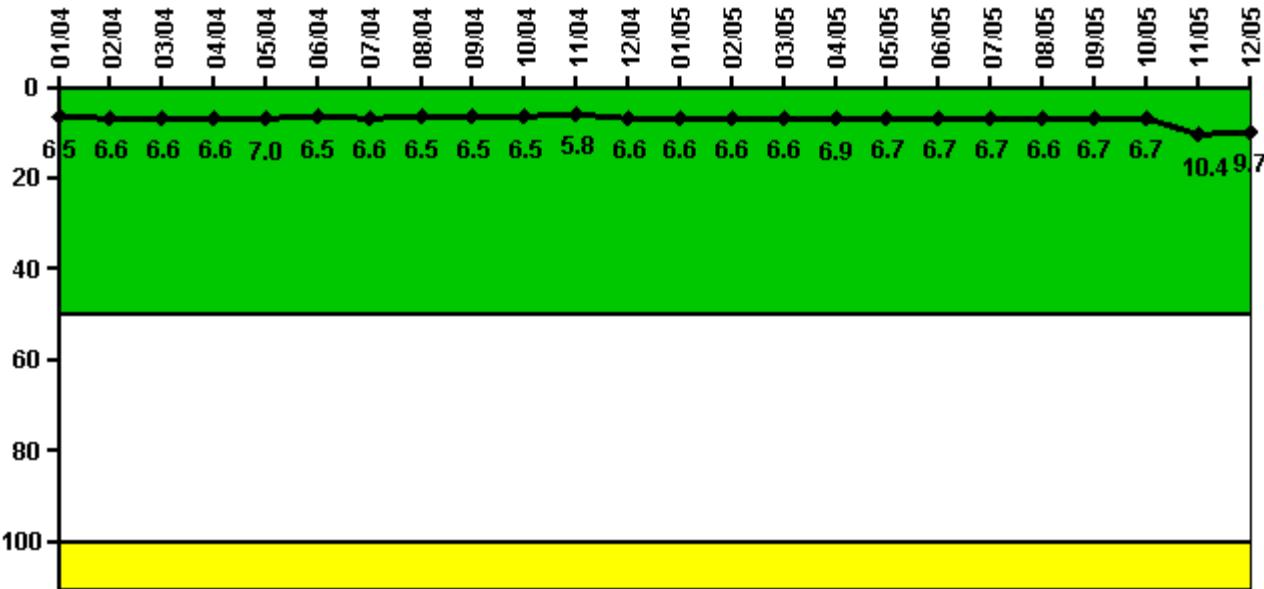
Notes

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	0.000008	0.000035	0.000006	0.000008	0.000008	0.000007	0.000006	0.000009	0.000007	0.000007	0	0.000006
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

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	0.000032	0.000043	0.000006	0.000006	0.000005	0.000005	0.000006	0.000006	0.000007	0.000012	0.000004	0.000005
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



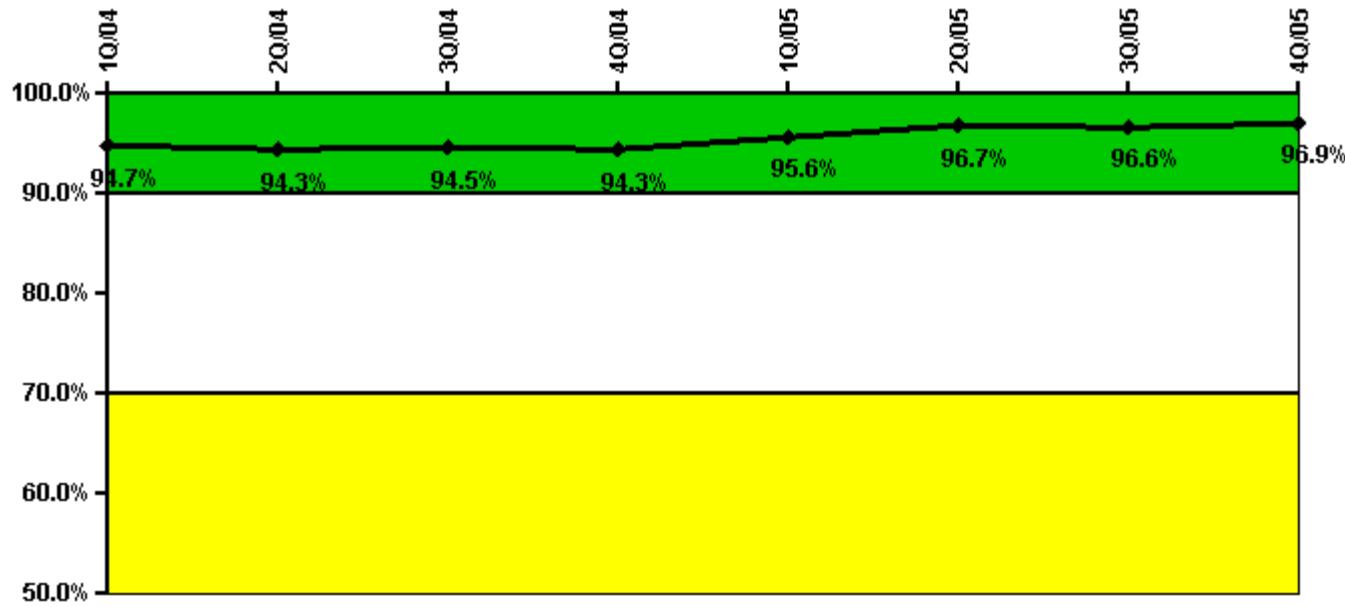
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04
Maximum leakage	1.625	1.643	1.638	1.640	1.740	1.632	1.638	1.628	1.620	1.637	1.455	1.652
Indicator value	6.5	6.6	6.6	6.6	7.0	6.5	6.6	6.5	6.5	6.5	5.8	6.6
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	1.650	1.643	1.655	1.717	1.687	1.687	1.670	1.658	1.663	1.668	2.600	2.423
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	6.6	6.6	6.6	6.9	6.7	6.7	6.7	6.6	6.7	6.7	10.4	9.7

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

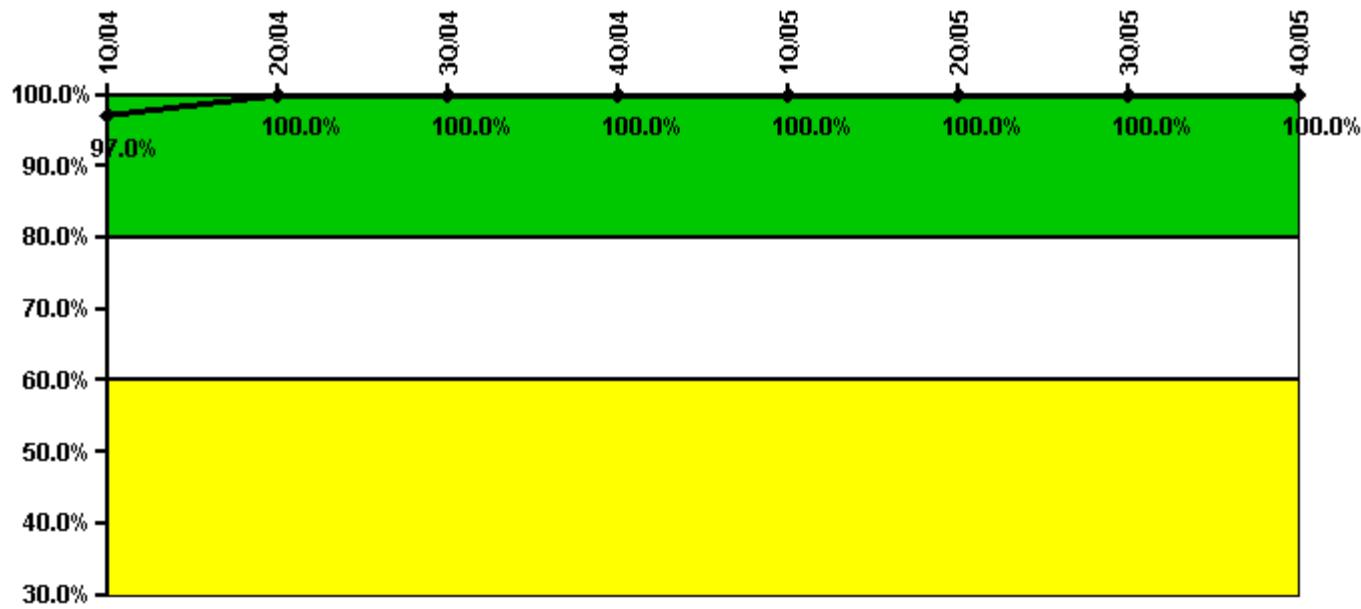
Drill/Exercise Performance	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Successful opportunities	22.0	32.0	10.0	29.0	58.0	24.0	26.0	47.0
Total opportunities	22.0	34.0	10.0	30.0	59.0	26.0	27.0	48.0
Indicator value	94.7%	94.3%	94.5%	94.3%	95.6%	96.7%	96.6%	96.9%

Licensee Comments:

2Q/05: Due to a self-assessment, some data was found to have insufficient documentation and was removed.

1Q/05: Due to a self-assessment, some data was found to have insufficient documentation and was removed.

ERO Drill Participation



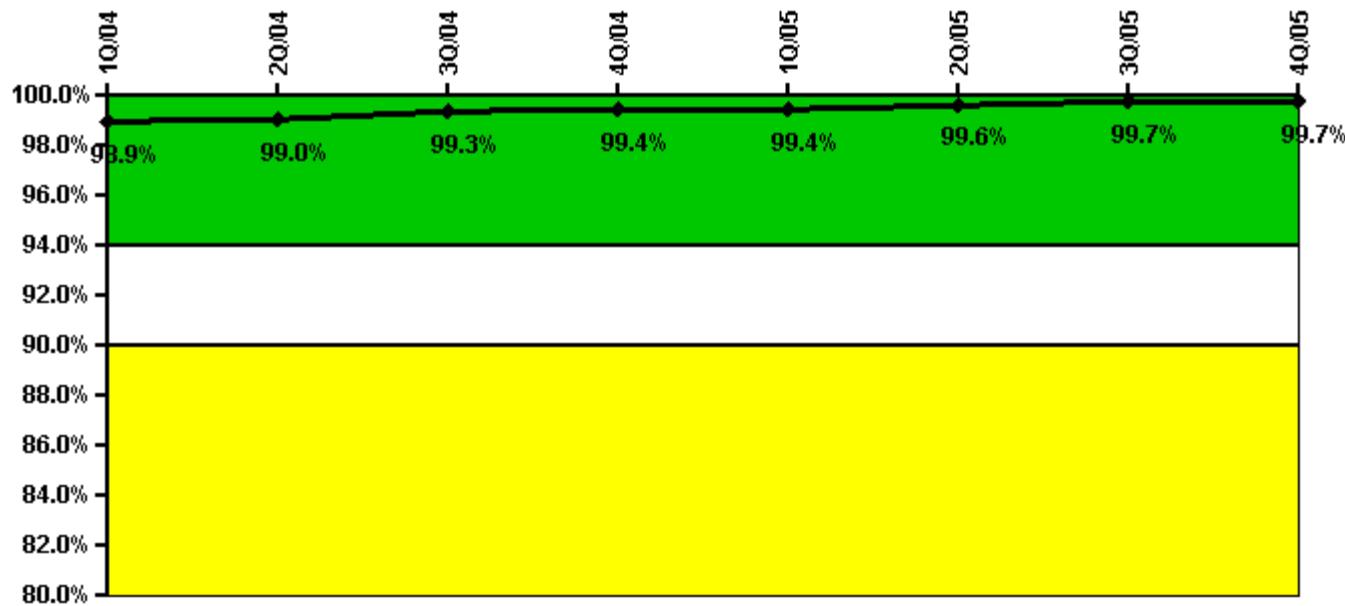
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Participating Key personnel	64.0	60.0	62.0	59.0	60.0	62.0	63.0	64.0
Total Key personnel	66.0	60.0	62.0	59.0	60.0	62.0	63.0	64.0
Indicator value	97.0%	100.0%						

Licensee Comments: none

Alert & Notification System

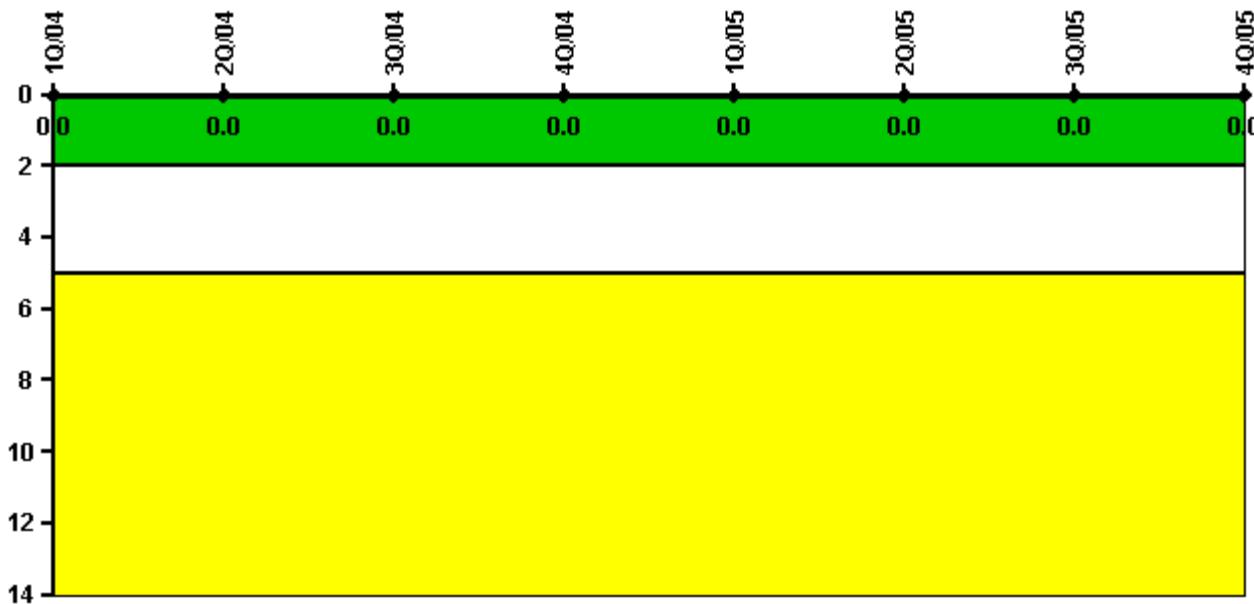


Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Successful siren-tests	4974	4943	5005	5045	4983	4972	4966	4988
Total sirens-tests	4992	4992	5055	5057	4992	4991	4992	4992
Indicator value	98.9%	99.0%	99.3%	99.4%	99.4%	99.6%	99.7%	99.7%

Licensee Comments: none

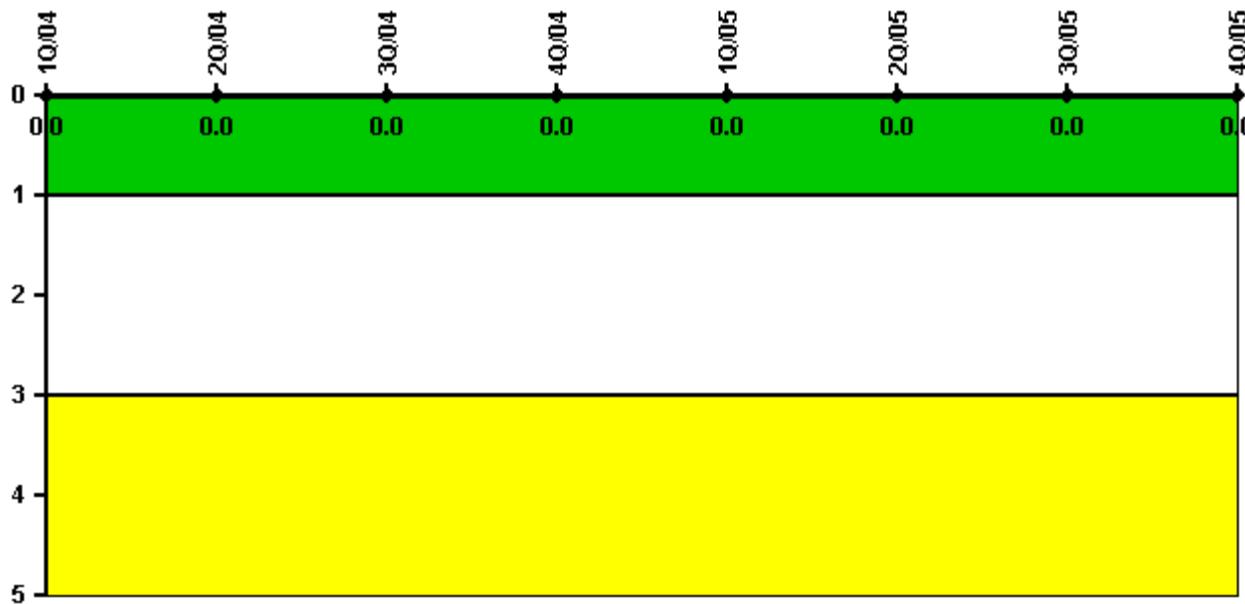
Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/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							

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

Dresden 2**1Q/2006 Performance Indicators**

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs

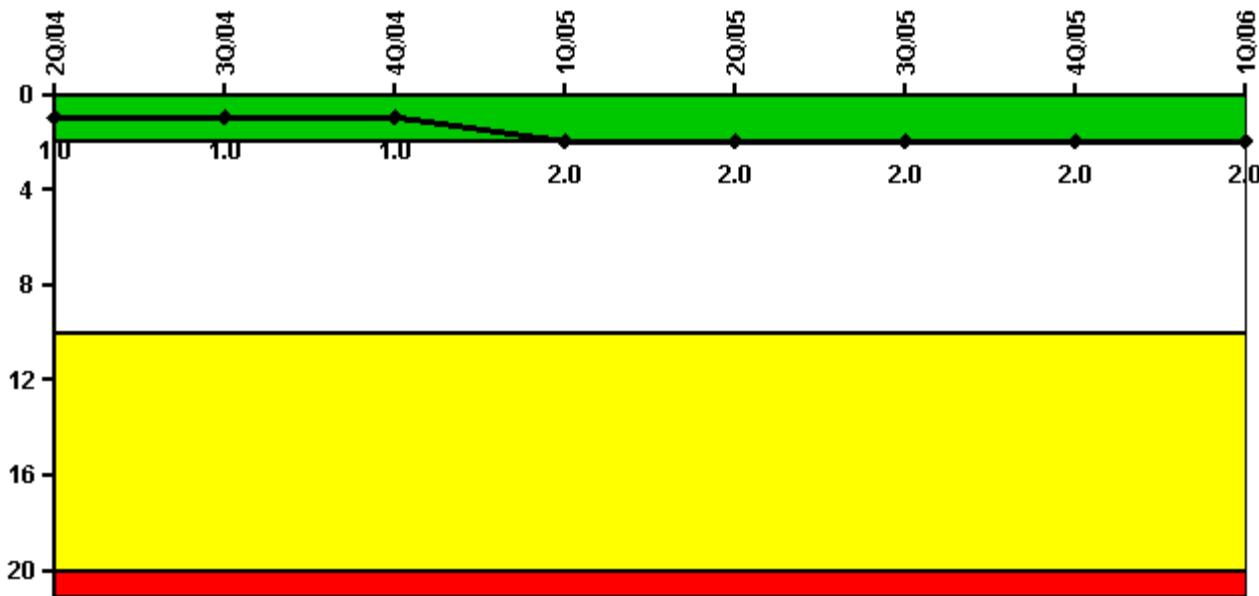
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	2.0	0	0	1.0	0	0	0	0
Critical hours	1844.0	1972.5	1263.9	2094.0	2183.0	1882.2	1735.1	2160.0
Indicator value	3.6	2.8	1.9	2.9	0.9	0.9	0.9	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



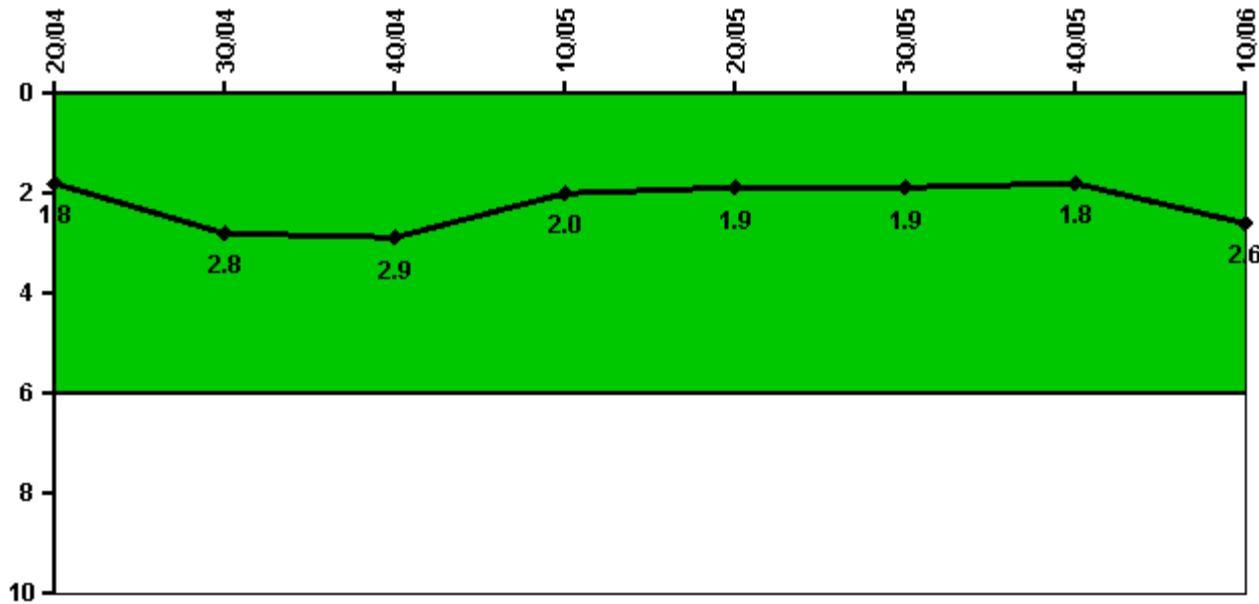
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Scrams	1.0	0	0	1.0	0	0	0	0
Indicator value	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



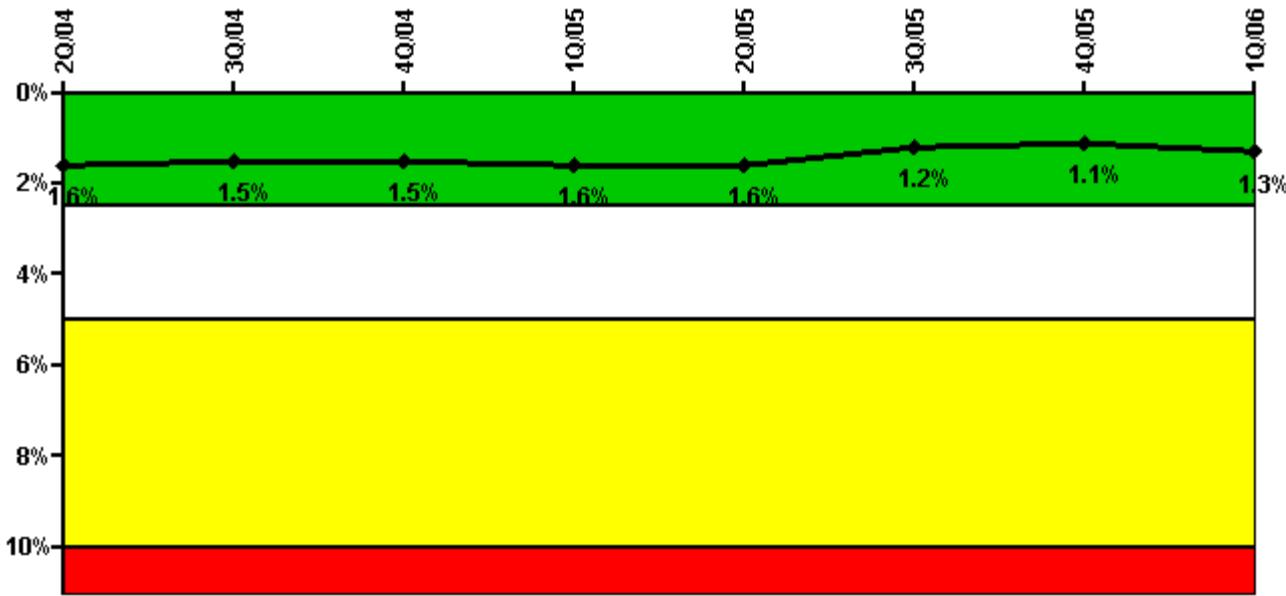
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Unplanned power changes	0	1.0	1.0	0	0	1.0	1.0	1.0
Critical hours	1844.0	1972.5	1263.9	2094.0	2183.0	1882.2	1735.1	2160.0
Indicator value	1.8	2.8	2.9	2.0	1.9	1.9	1.8	2.6

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



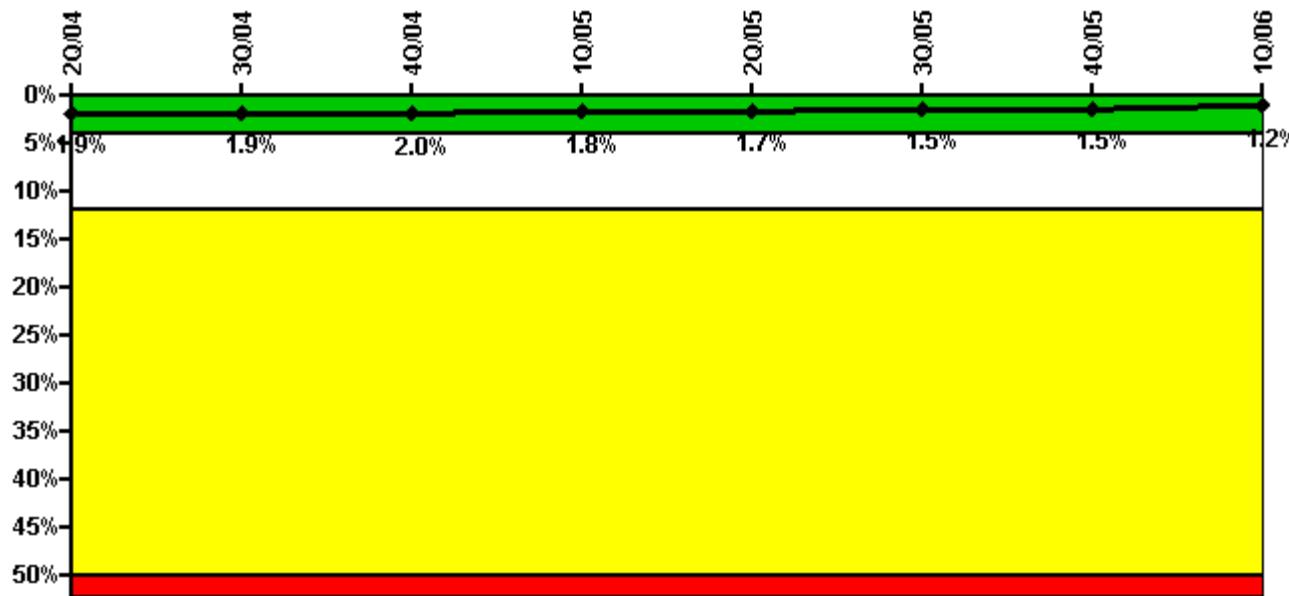
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

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	9.76	8.43	6.50	123.33	8.98	8.46	8.78	26.50
Unplanned unavailable hours	0	0	0	17.42	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	8.36	9.43	5.98	7.35	34.83	7.13	14.28	81.90
Unplanned unavailable hours	0	0	0	0	0	9.68	0	3.75
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Indicator value	1.6%	1.5%	1.5%	1.6%	1.6%	1.2%	1.1%	1.3%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)



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

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	0	1.68	0	66.67	0	0	10.67	41.25
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	1844.00	1972.45	1263.90	2093.95	2183.00	1882.15	1735.09	2160.00
Indicator value	1.9%	1.9%	2.0%	1.8%	1.7%	1.5%	1.5%	1.2%

Licensee Comments: none

Safety System Unavailability, Heat Removal System

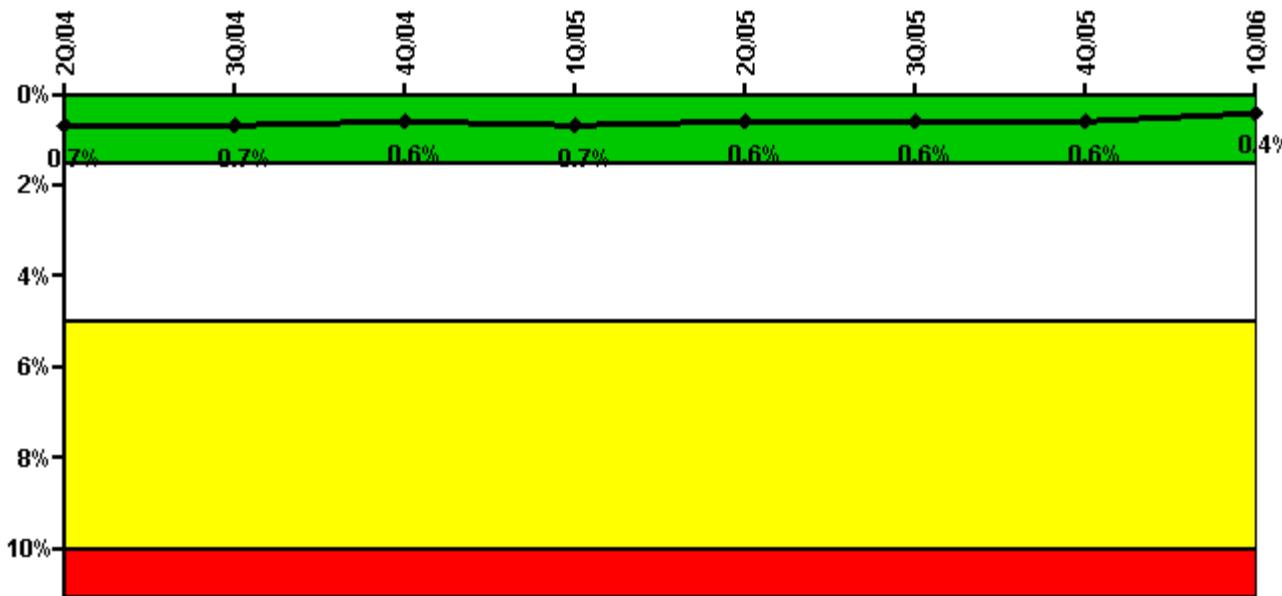
Thresholds under development / review

Notes

Safety System Unavailability, Heat Removal System	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours								
Unplanned unavailable hours								
Fault exposure hours								
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours								
Indicator value								

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



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

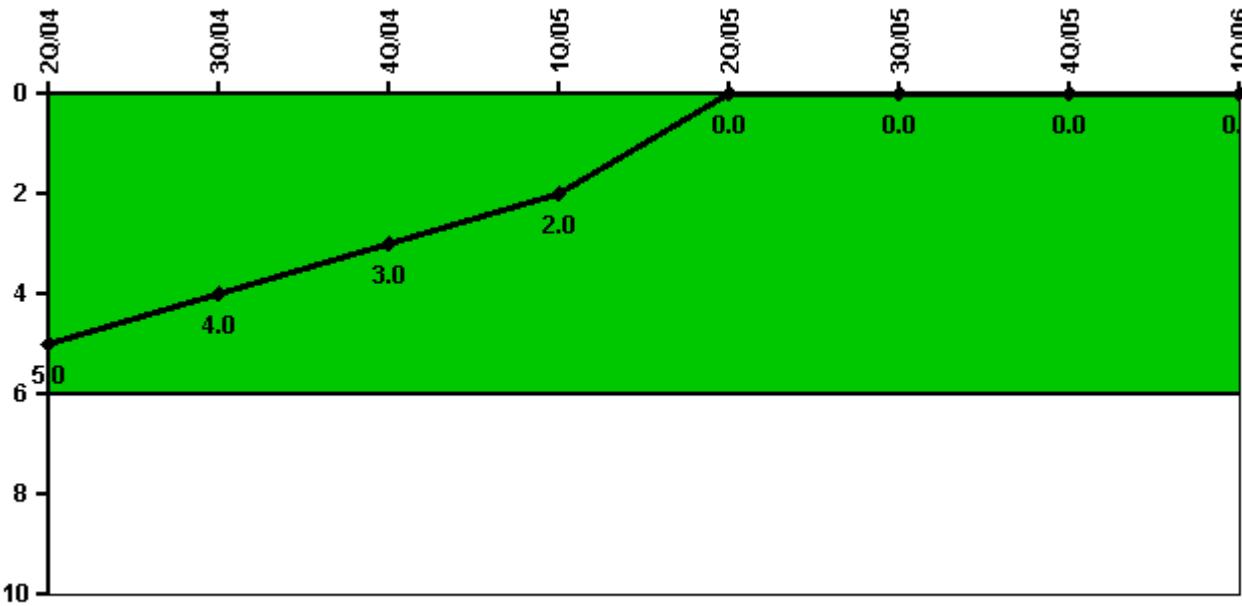
Notes

Safety System Unavailability, Residual Heat Removal System	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	0	3.03	0	63.22	3.42	0	54.02	16.05
Unplanned unavailable hours	0	0	0	29.08	0	0	0	15.15
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	0	1.20	0	74.23	1.95	0	0	0
Unplanned unavailable hours	0	0	0	13.75	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Train 3								
Planned unavailable hours	0	0	0	0	22.63	11.40	0.38	0
Unplanned unavailable hours	0	0	0	0	0	0	1.02	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	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Train 4								
Planned unavailable hours	0	0	0	0	22.63	11.40	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	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Indicator value	0.7%	0.7%	0.6%	0.7%	0.6%	0.6%	0.6%	0.4%

Licensee Comments:

1Q/06: Previously, Critical Hours were used as the Required Hours for RHR Trains 1 and 2, Torus Suppression Sprays. NEI 99-02 allows the use of Period Hours stating; " Residual Heat Removal System - This value is estimated by the number of hours in the reporting period, because the residual heat removal system is normally expected to be available for decay heat removal at all times.??? For consistency with NEI 99-02 and other BWR plants, Period Hours have been used from late 2003 forward. The previous use of Critical Hours resulted in reporting a slightly higher percentage of RHR Unavailability. This conservatism did not result in Dresden RHR entering the White region of the performance band. Therefore, no changes are planned to the historical data submitted.

Safety System Functional Failures (BWR)



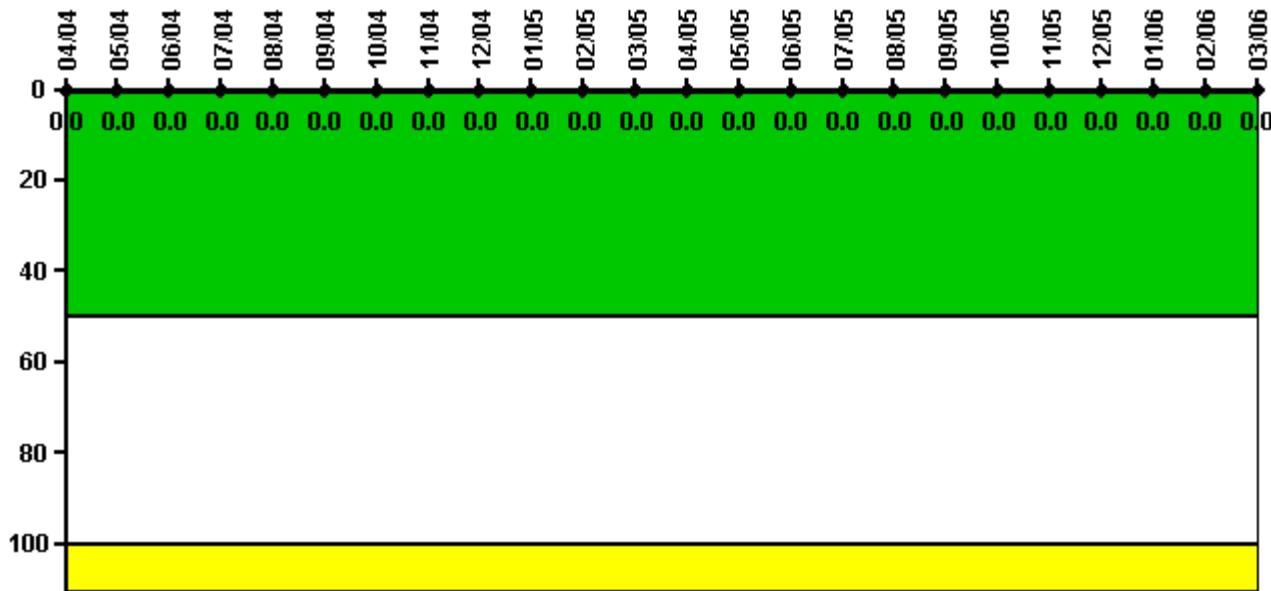
Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Safety System Functional Failures	2	0	0	0	0	0	0	0
Indicator value	5	4	3	2	0	0	0	0

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

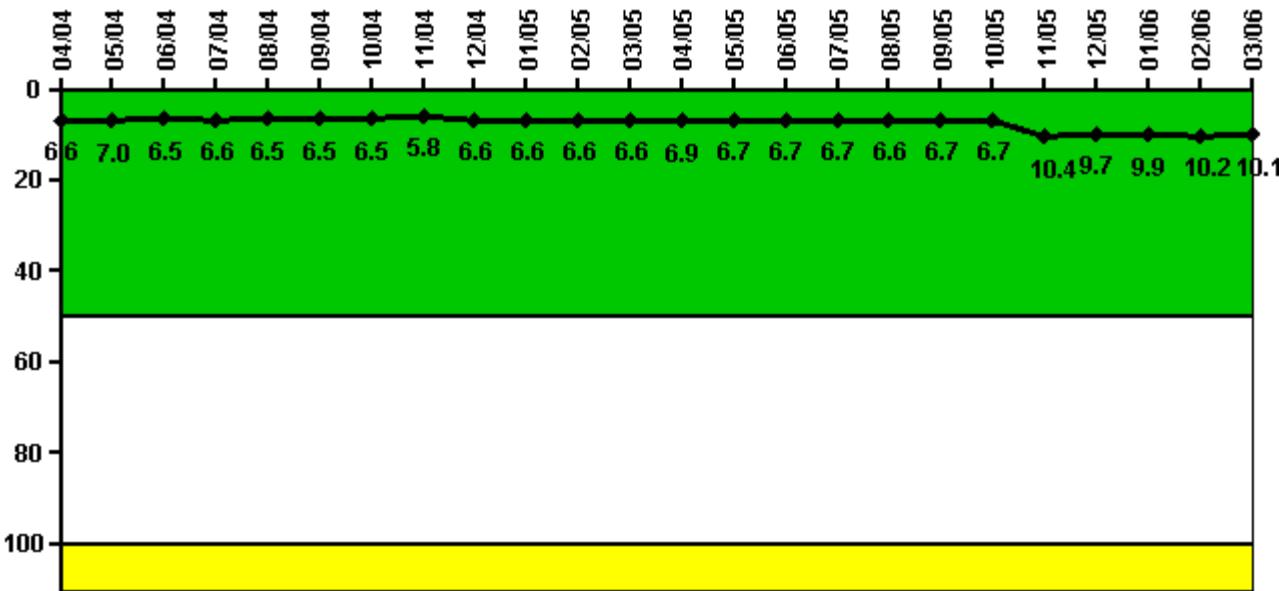
Notes

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	0.000008	0.000008	0.000007	0.000006	0.000009	0.000007	0.000007	0	0.000006	0.000032	0.000043	0.000006
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

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	0.000006	0.000005	0.000005	0.000006	0.000006	0.000007	0.000012	0.000004	0.000005	0.000005	0.000005	0.000004
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



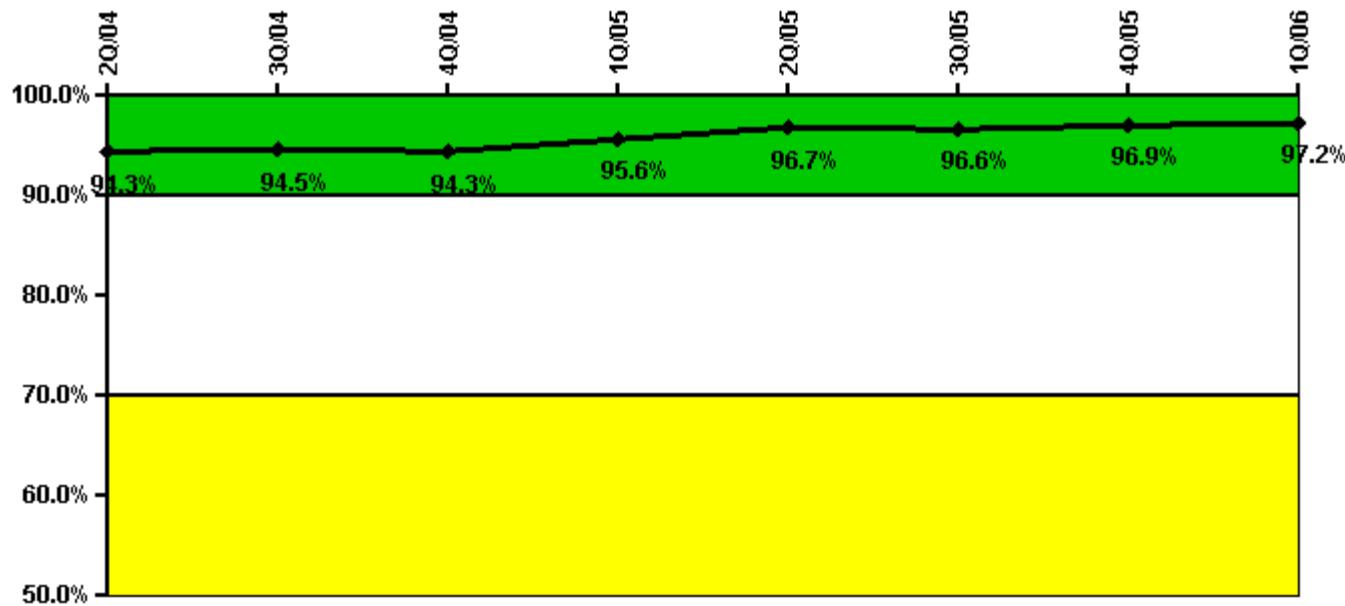
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05
Maximum leakage	1.640	1.740	1.632	1.638	1.628	1.620	1.637	1.455	1.652	1.650	1.643	1.655
Indicator value	6.6	7.0	6.5	6.6	6.5	6.5	6.5	5.8	6.6	6.6	6.6	6.6
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	1.717	1.687	1.687	1.670	1.658	1.663	1.668	2.600	2.423	2.482	2.550	2.515
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	6.9	6.7	6.7	6.7	6.6	6.7	6.7	10.4	9.7	9.9	10.2	10.1

Licensee Comments: none

Drill/Exercise Performance



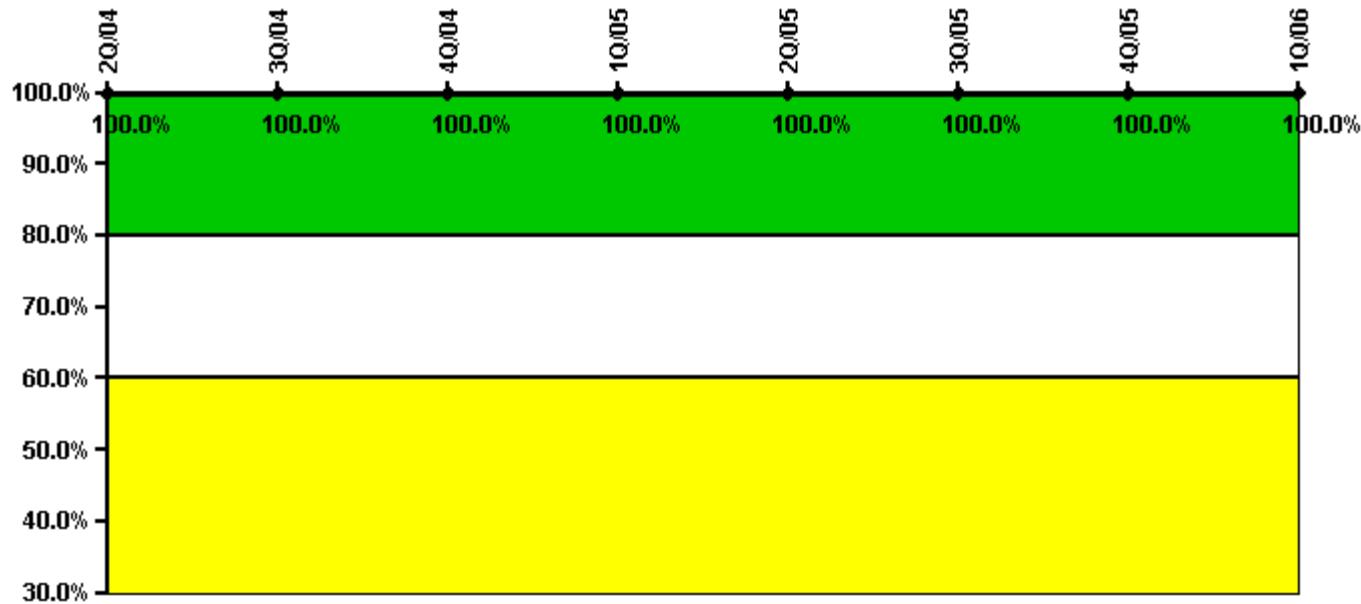
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Successful opportunities	32.0	10.0	29.0	58.0	24.0	26.0	47.0	48.0
Total opportunities	34.0	10.0	30.0	59.0	26.0	27.0	48.0	48.0
Indicator value	94.3%	94.5%	94.3%	95.6%	96.7%	96.6%	96.9%	97.2%

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	60.0	62.0	59.0	60.0	62.0	63.0	64.0	69.0
Total Key personnel	60.0	62.0	59.0	60.0	62.0	63.0	64.0	69.0
Indicator value	100.0%							

Licensee Comments: none

Alert & Notification System

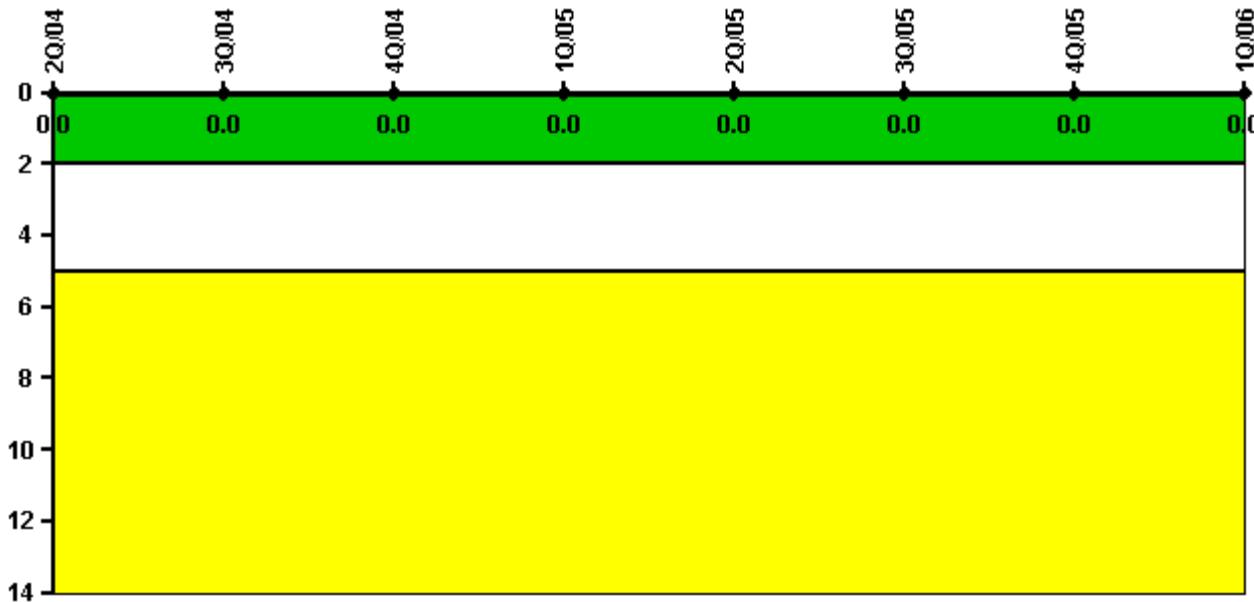


Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Successful siren-tests	4943	5005	5045	4983	4972	4966	4988	5061
Total sirens-tests	4992	5055	5057	4992	4991	4992	4992	5070
Indicator value	99.0%	99.3%	99.4%	99.4%	99.6%	99.7%	99.7%	99.7%

Licensee Comments: none

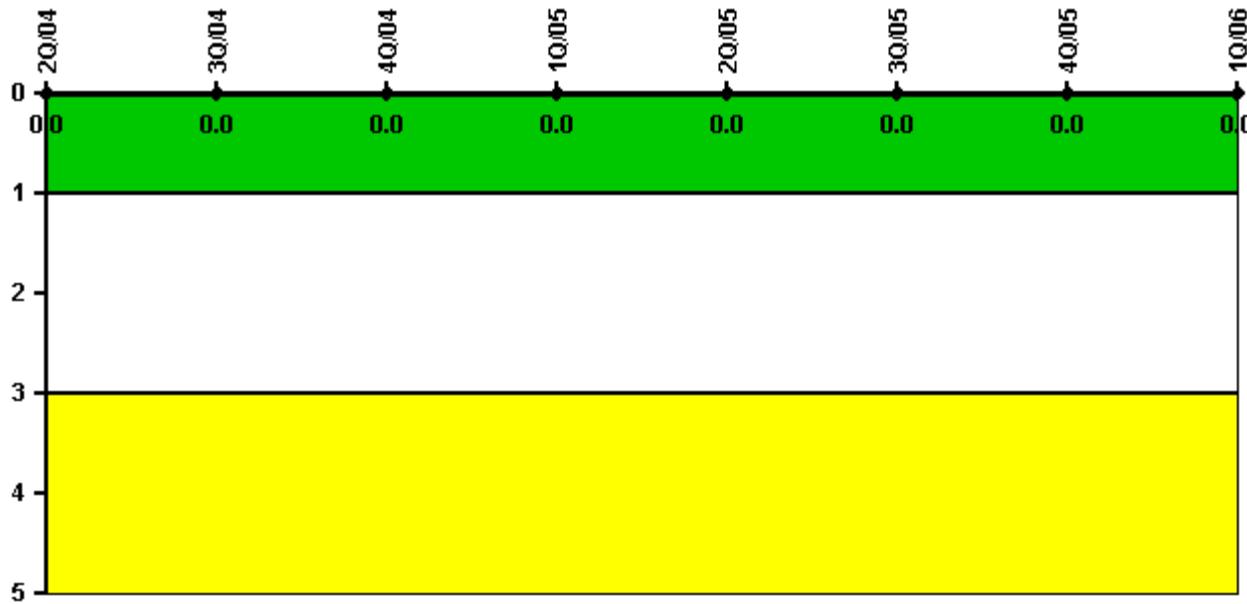
Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/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	0	0	0	0	0	0	0

Licensee Comments: none

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

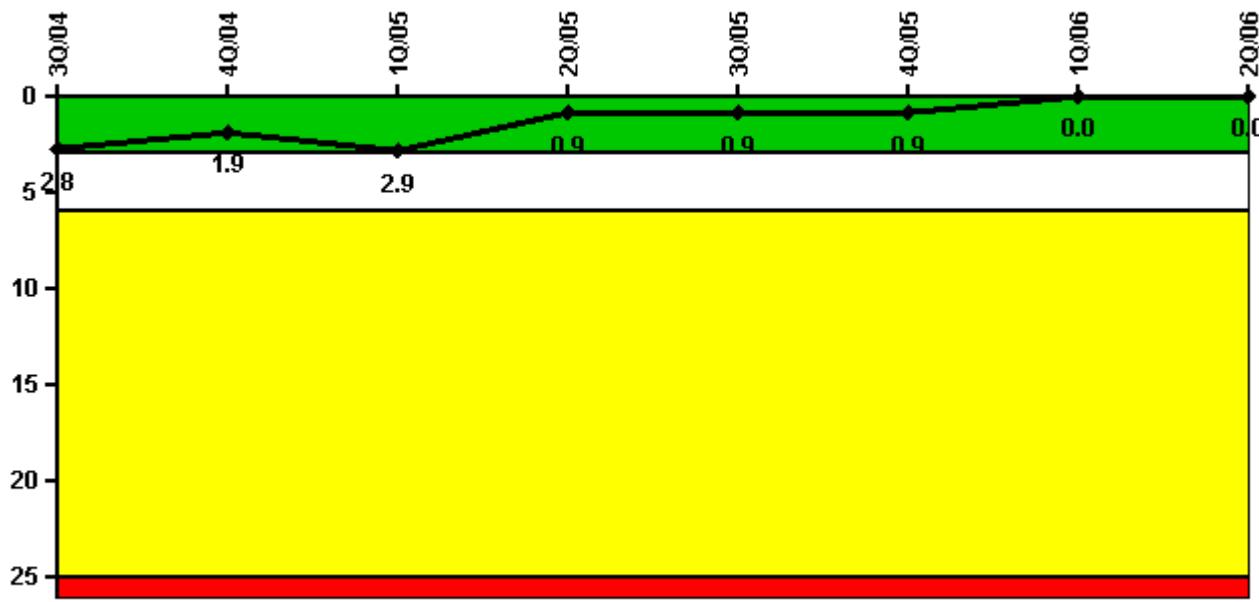


[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: May 5, 2006

Dresden 2**2Q/2006 Performance Indicators**

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs

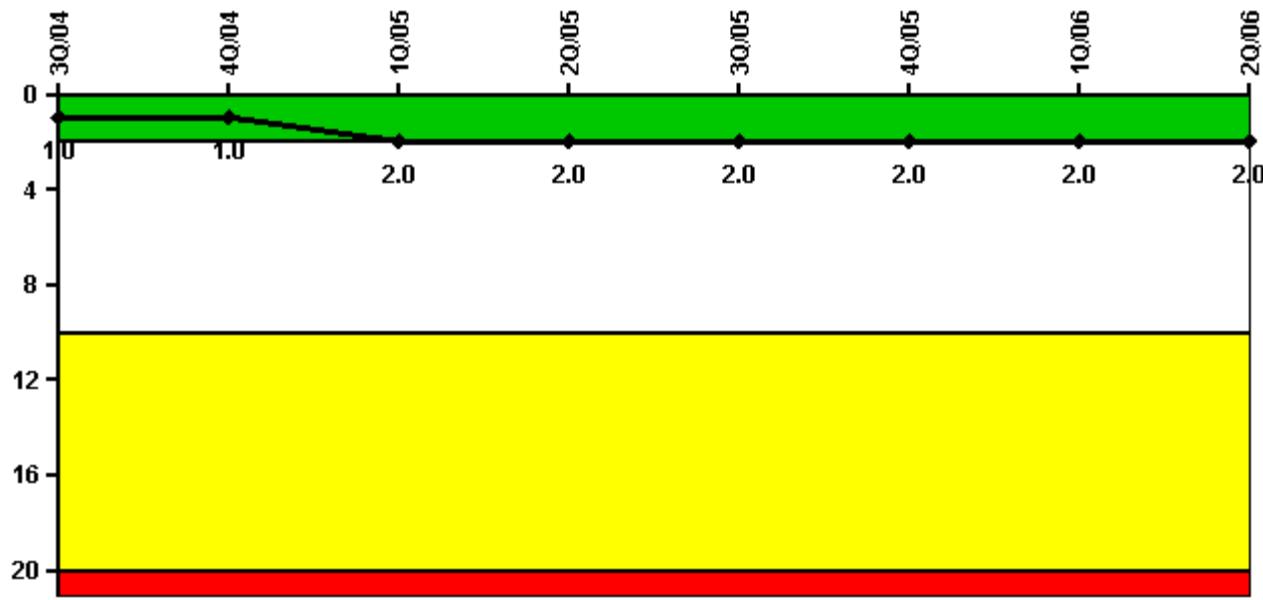
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0	0	0
Critical hours	1972.5	1263.9	2094.0	2183.0	1882.2	1735.1	2160.0	2183.0
Indicator value	2.8	1.9	2.9	0.9	0.9	0.9	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



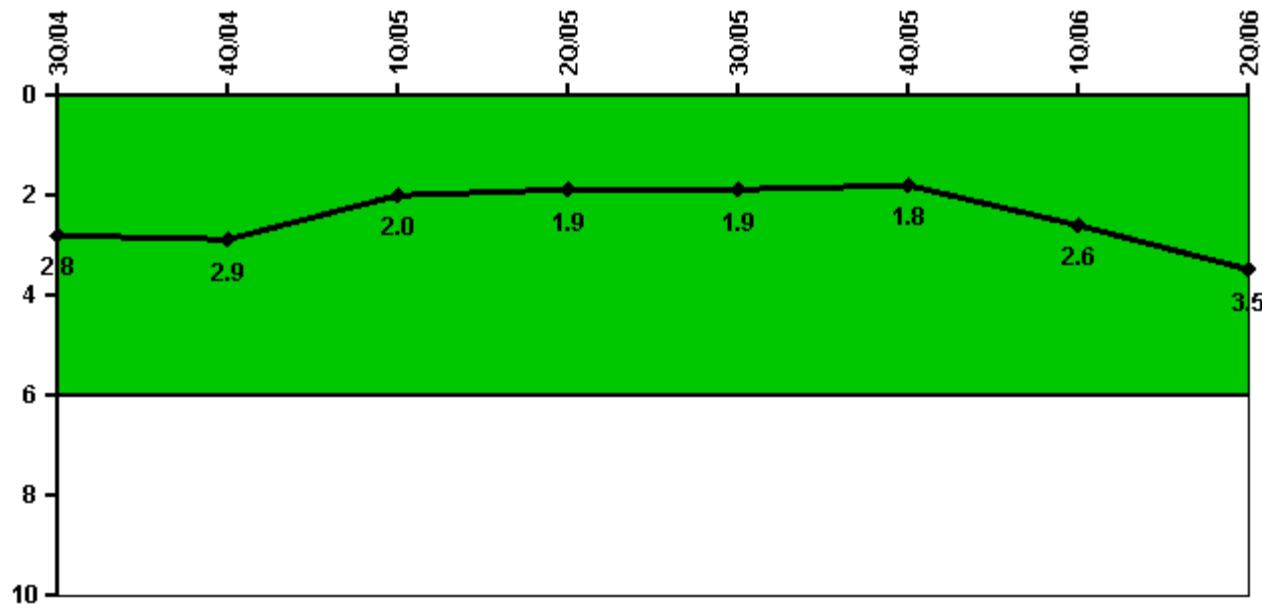
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Scrams	0	0	1.0	0	0	0	0	0
Indicator value	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



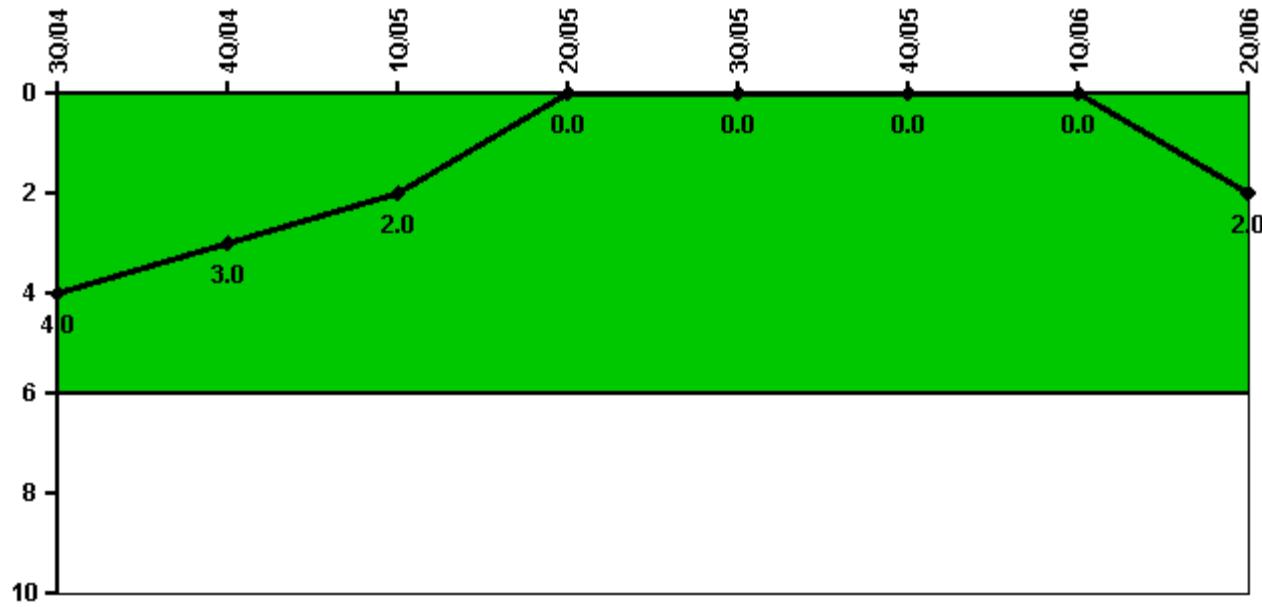
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Unplanned power changes	1.0	1.0	0	0	1.0	1.0	1.0	1.0
Critical hours	1972.5	1263.9	2094.0	2183.0	1882.2	1735.1	2160.0	2183.0
Indicator value	2.8	2.9	2.0	1.9	1.9	1.8	2.6	3.5

Licensee Comments: none

Safety System Functional Failures (BWR)



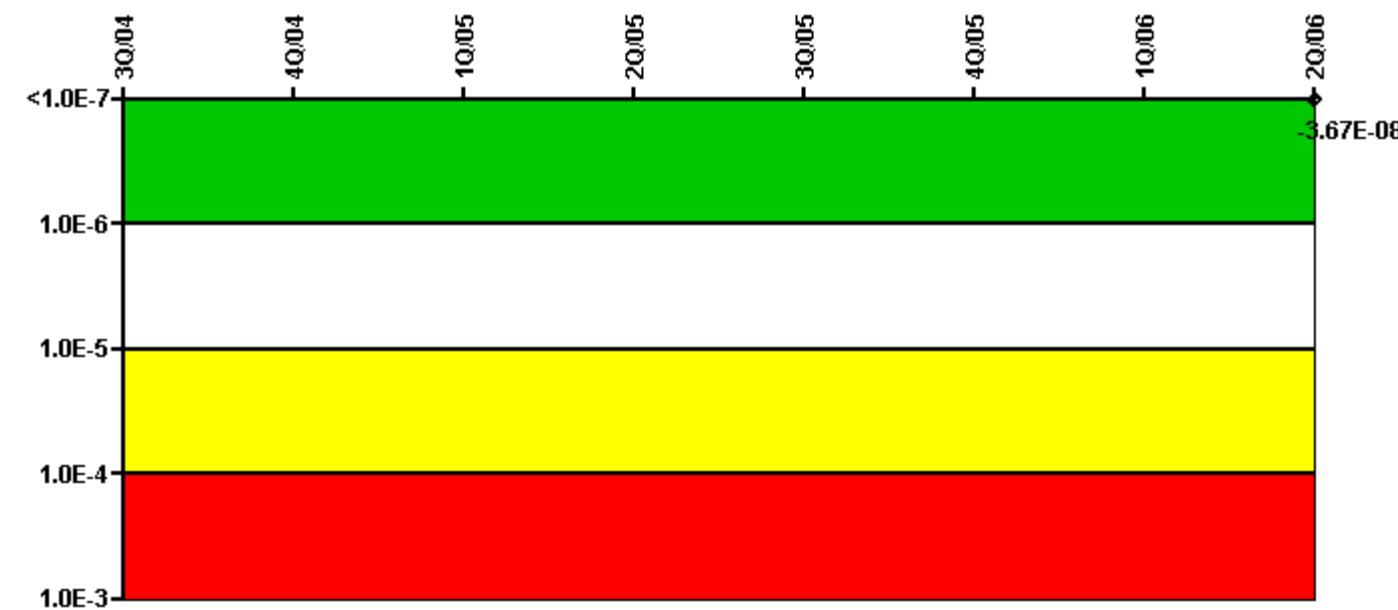
Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



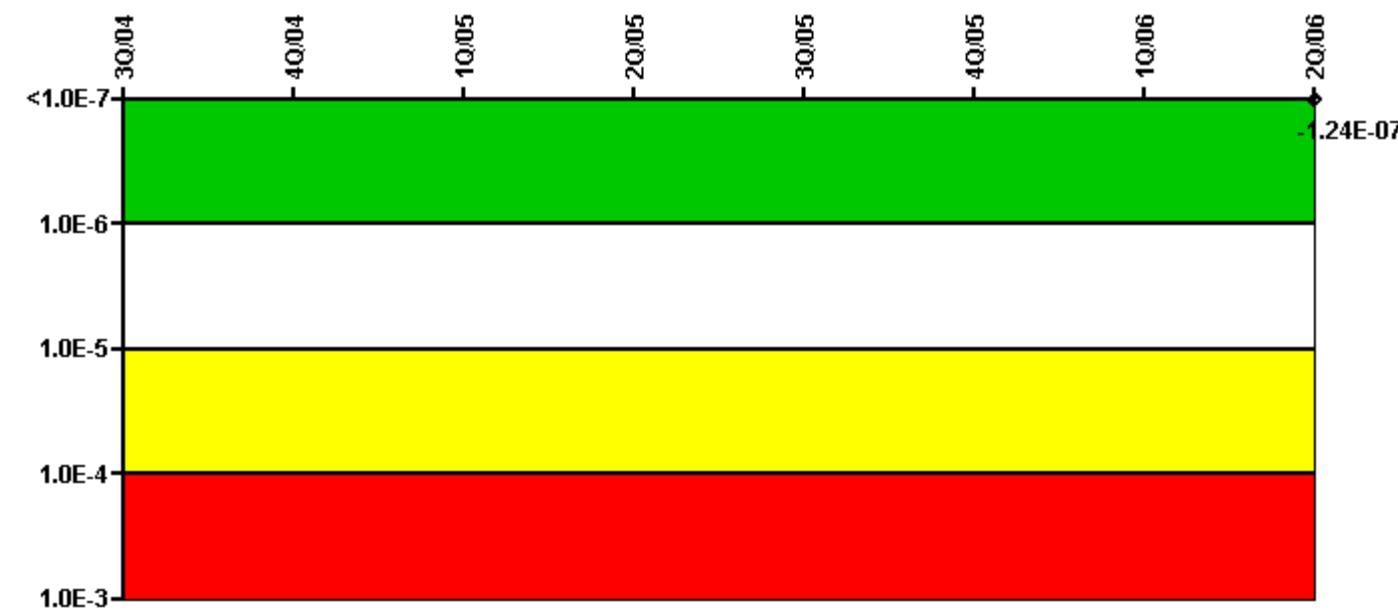
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)								-1.70E-09
URI (Δ CDF)								-3.50E-08
PLE								NO
Indicator value								-3.67E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



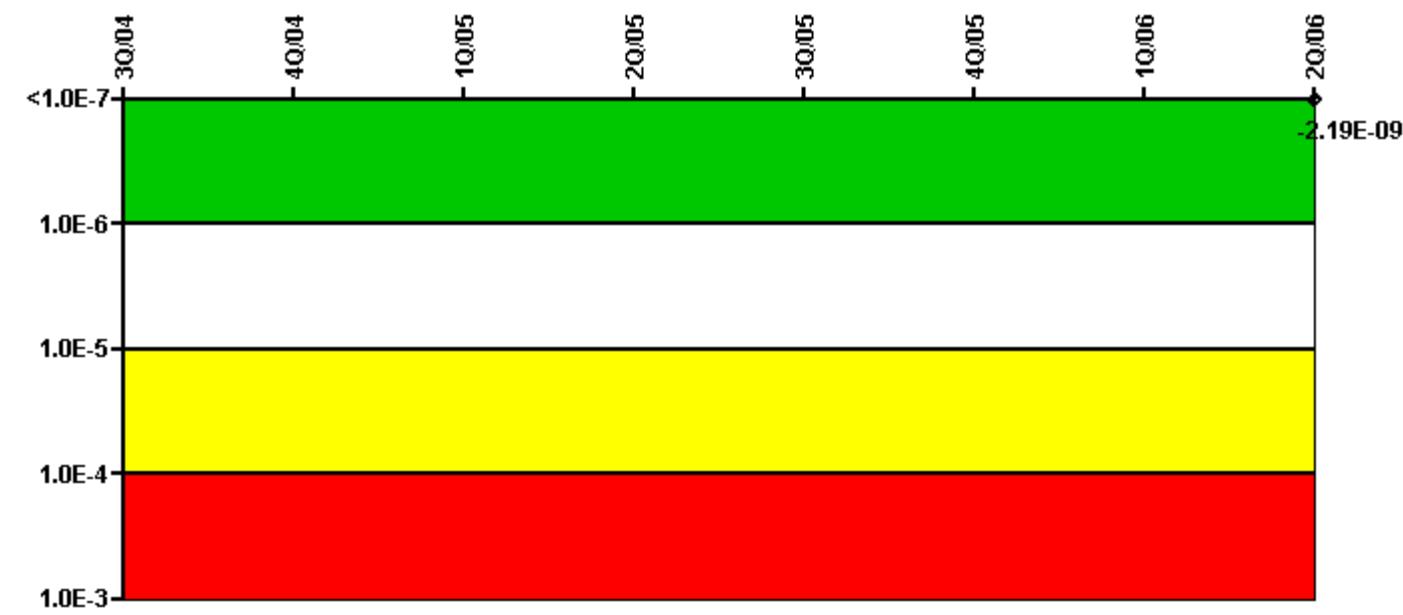
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)								-5.20E-08
URI (Δ CDF)								-7.20E-08
PLE								NO
Indicator value								-1.24E-07

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



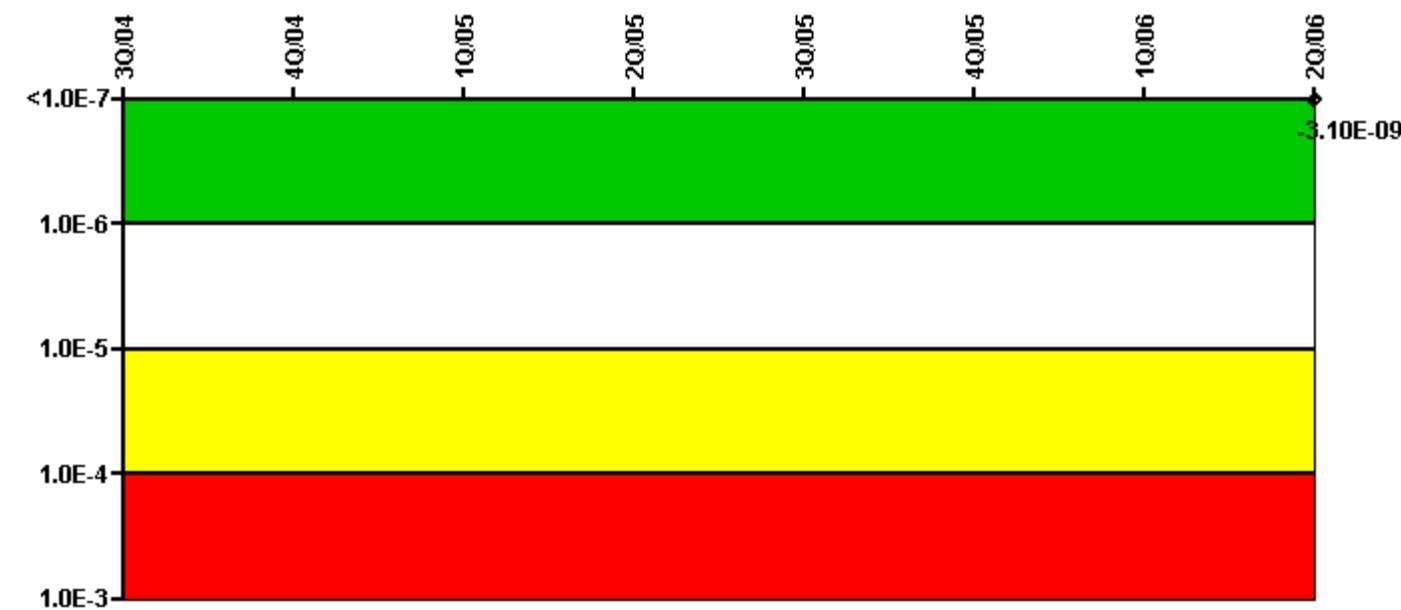
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)								-1.20E-09
URI (Δ CDF)								-9.90E-10
PLE								NO
Indicator value								-2.19E-09

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



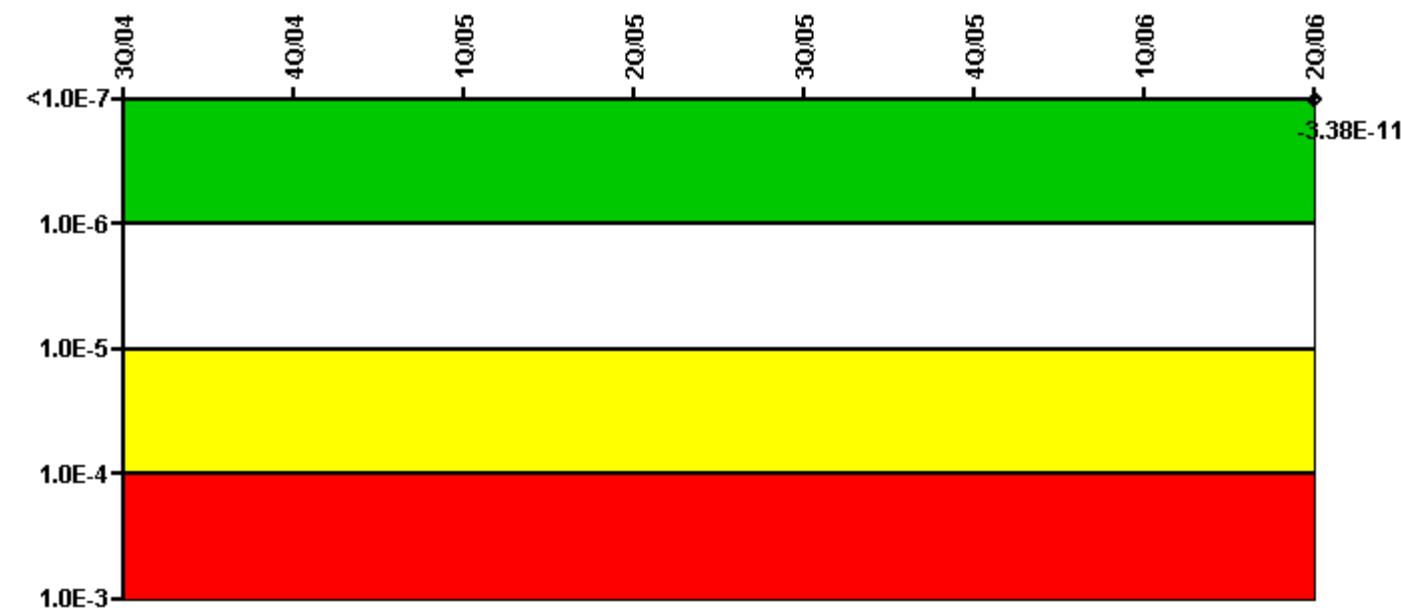
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (Δ CDF)								-1.30E-09
URI (Δ CDF)								-1.80E-09
PLE								NO
Indicator value								-3.10E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



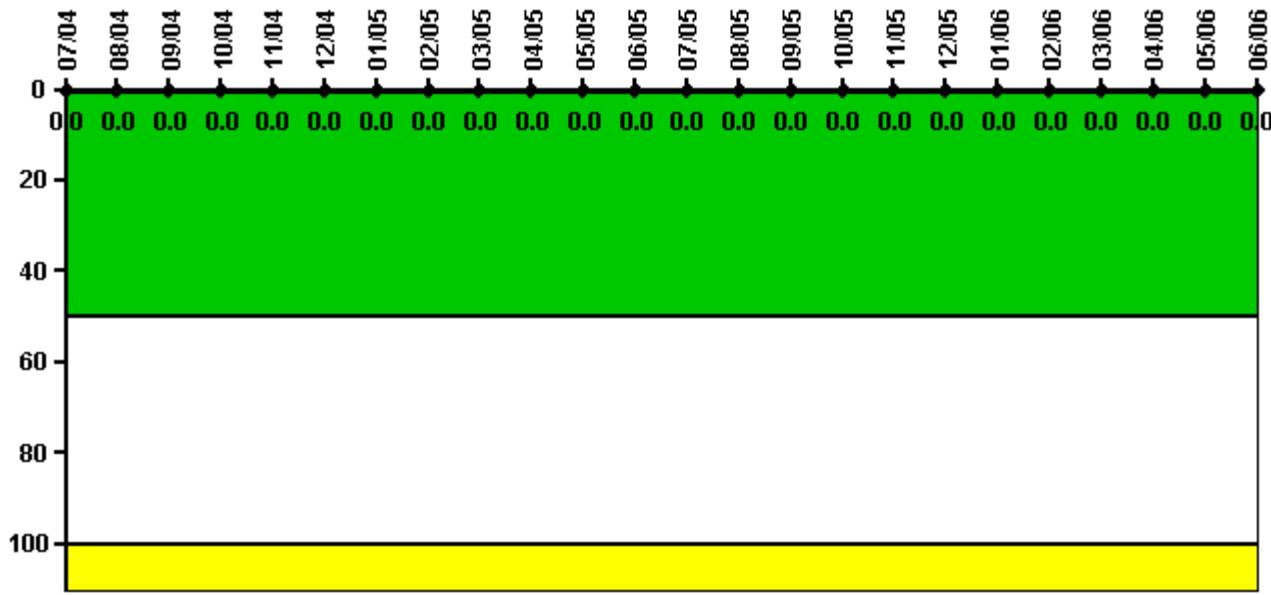
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (Δ CDF)								-8.80E-12
URI (Δ CDF)								-2.50E-11
PLE								NO
Indicator value								-3.38E-11

Licensee Comments: none

Reactor Coolant System Activity



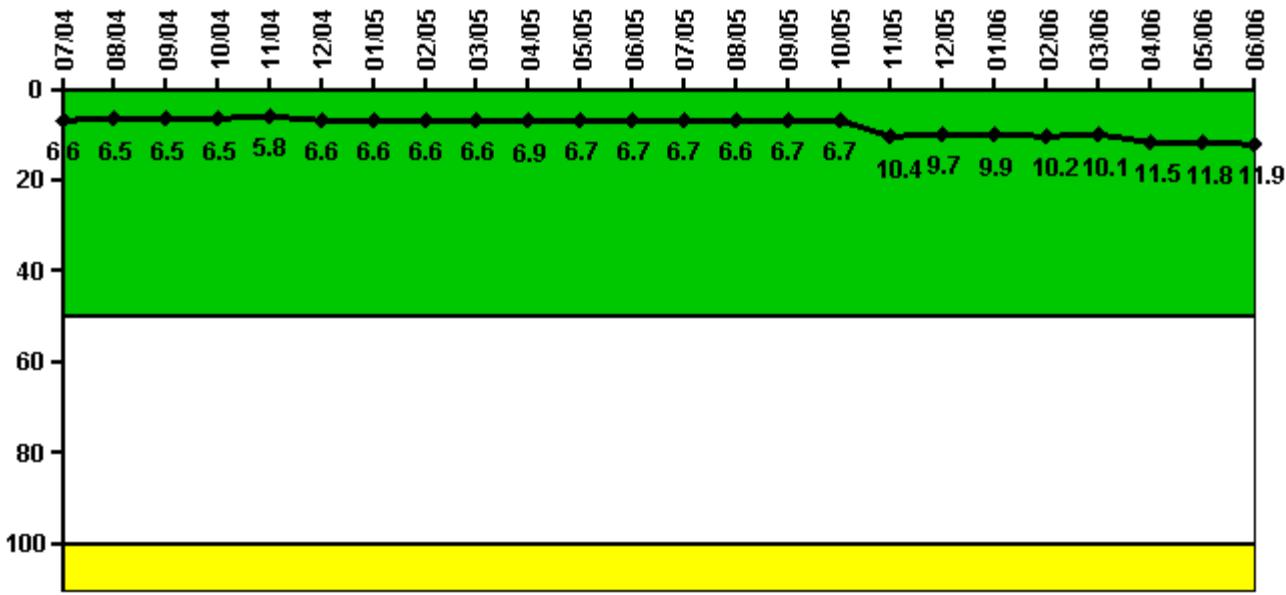
Thresholds: White > 50.0 Yellow > 100.0

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	0.000006	0.000009	0.000007	0.000007	0	0.000006	0.000032	0.000043	0.000006	0.000006	0.000005	0.000005
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0											
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	0.000006	0.000006	0.000007	0.000012	0.000004	0.000005	0.000005	0.000005	0.000004	0.000004	0.000004	0.000004
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0											

Licensee Comments: none

Reactor Coolant System Leakage



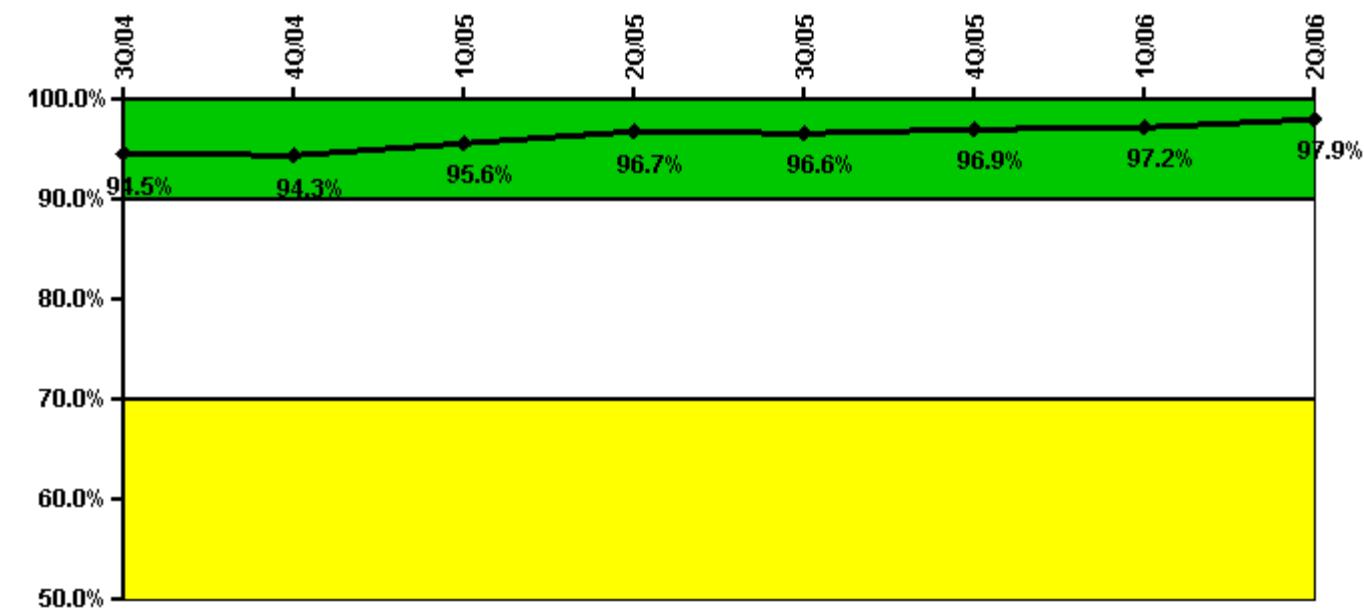
Thresholds: White > 50.0 Yellow > 100.0

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	1.638	1.628	1.620	1.637	1.455	1.652	1.650	1.643	1.655	1.717	1.687	1.687
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	6.6	6.5	6.5	6.5	5.8	6.6	6.6	6.6	6.6	6.9	6.7	6.7
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	1.670	1.658	1.663	1.668	2.600	2.423	2.482	2.550	2.515	2.877	2.945	2.978
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	6.7	6.6	6.7	6.7	10.4	9.7	9.9	10.2	10.1	11.5	11.8	11.9

Licensee Comments: none

Drill/Exercise Performance



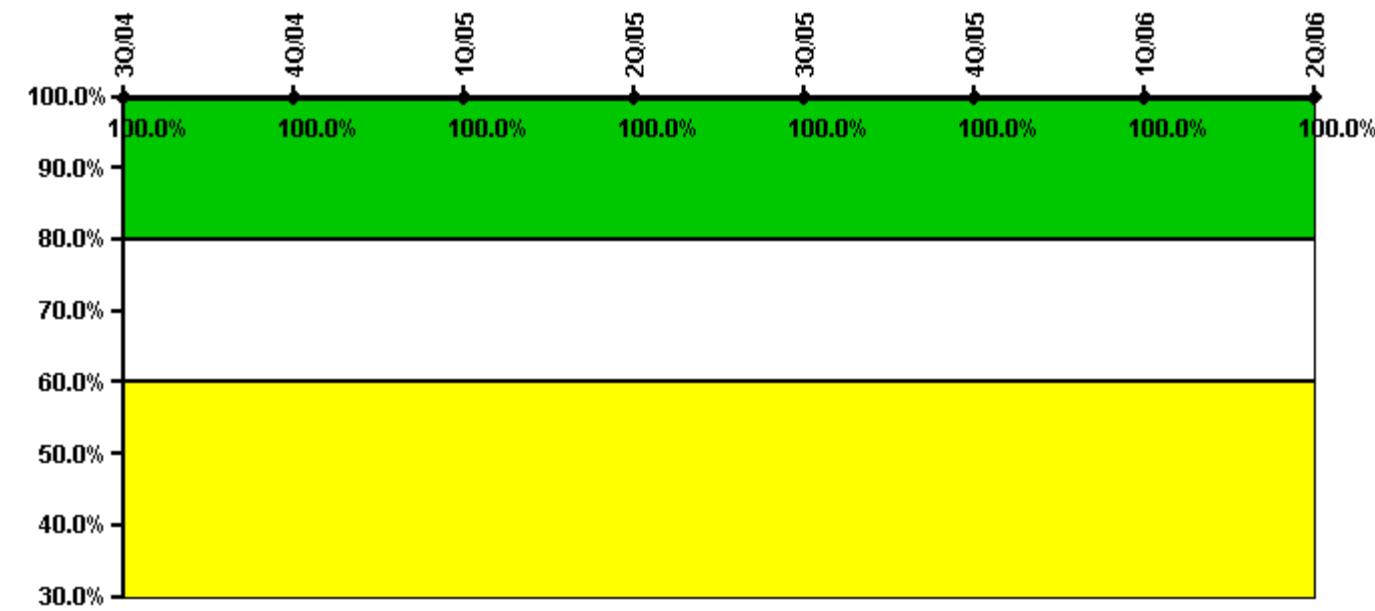
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Successful opportunities	10.0	29.0	58.0	24.0	26.0	47.0	48.0	38.0
Total opportunities	10.0	30.0	59.0	26.0	27.0	48.0	48.0	38.0
Indicator value	94.5%	94.3%	95.6%	96.7%	96.6%	96.9%	97.2%	97.9%

Licensee Comments: none

ERO Drill Participation



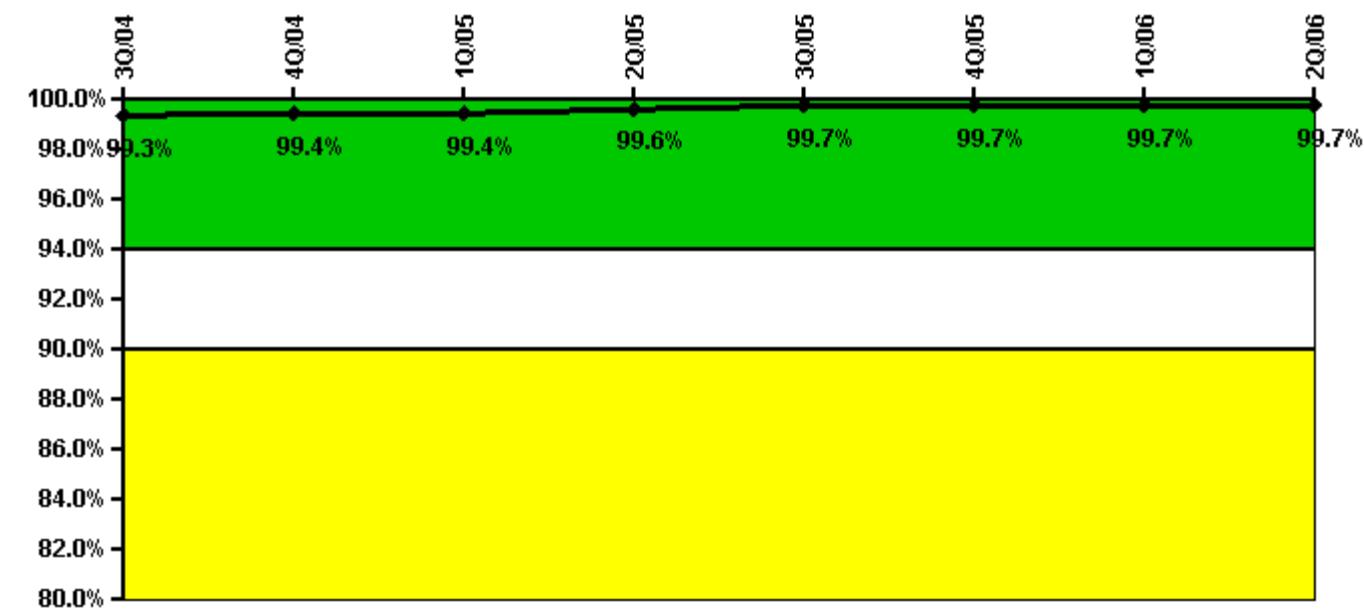
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Participating Key personnel	62.0	59.0	60.0	62.0	63.0	64.0	69.0	66.0
Total Key personnel	62.0	59.0	60.0	62.0	63.0	64.0	69.0	66.0
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	5005	5045	4983	4972	4966	4988	5061	4979
Total sirens-tests	5055	5057	4992	4991	4992	4992	5070	4991
Indicator value	99.3%	99.4%	99.4%	99.6%	99.7%	99.7%	99.7%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness

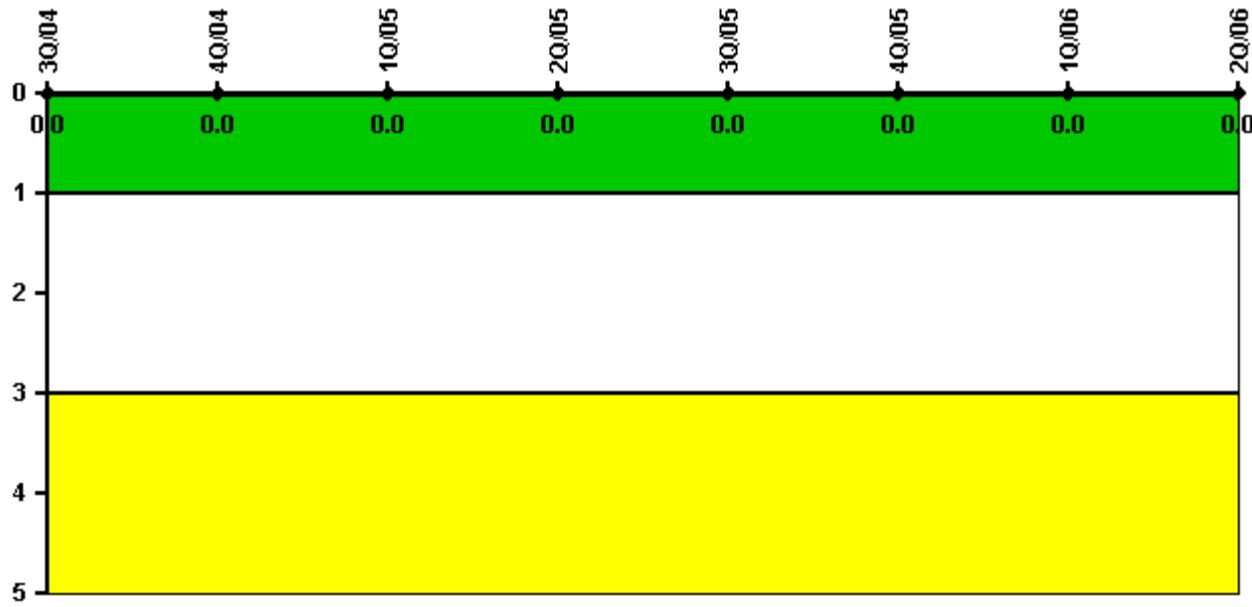


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/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](#)

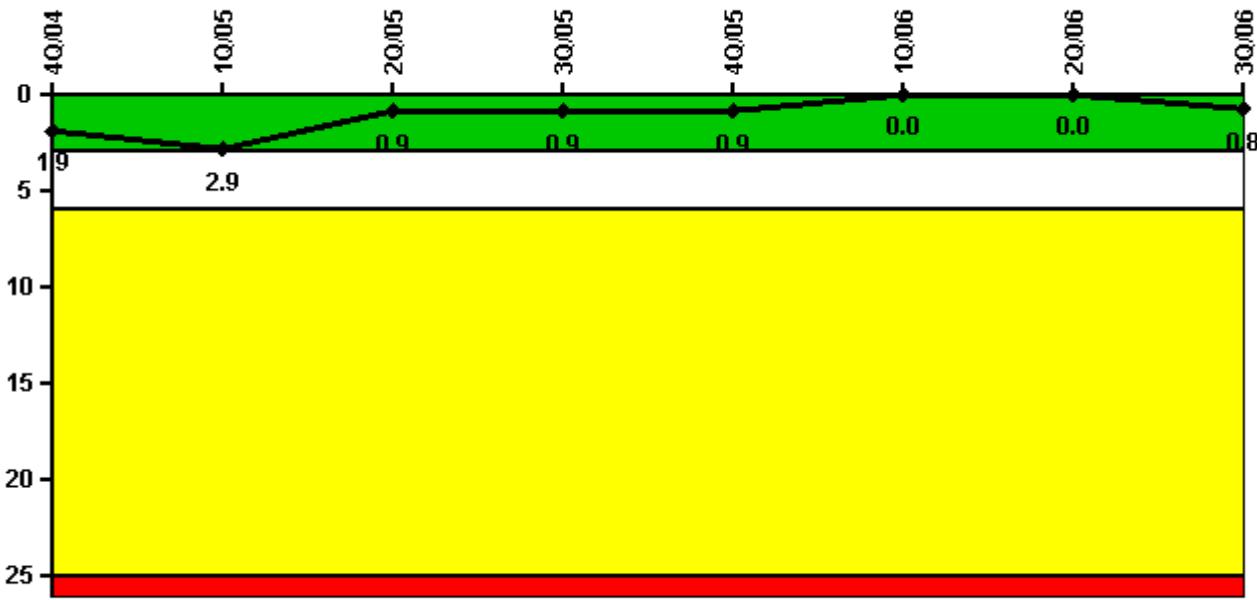
Last Modified: August 2, 2006

Dresden 2

3Q/2006 Performance Indicators

Licensee's General Comments: Some MSPI values for second Quarter of 2006 are different than previously reported.

Unplanned Scrams per 7000 Critical Hrs



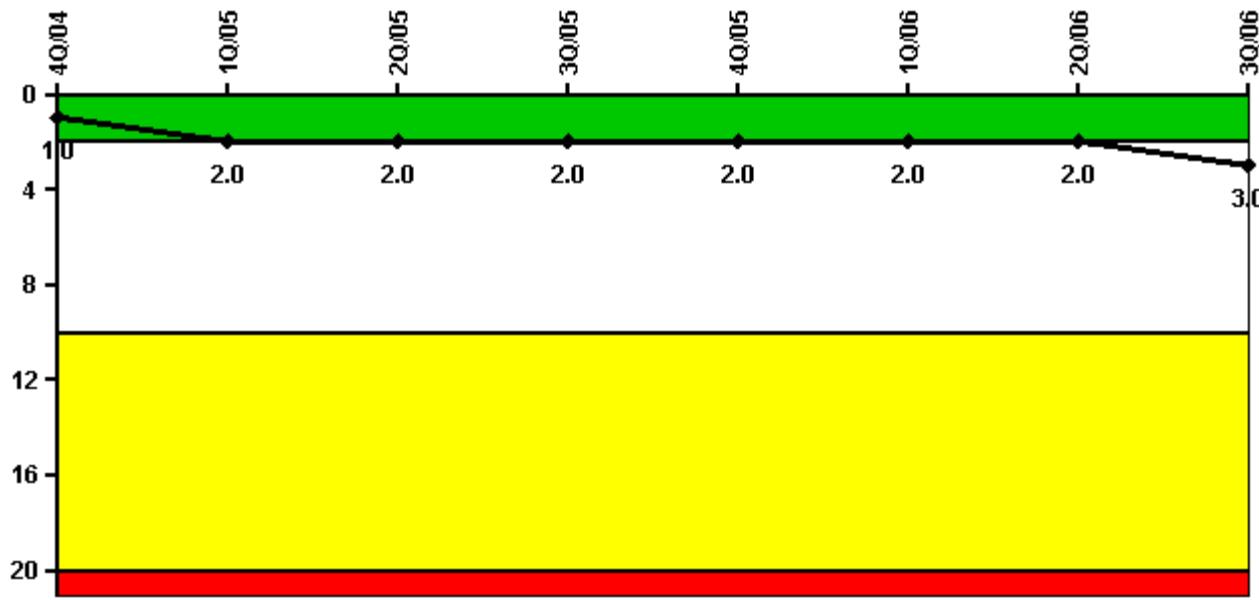
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0	0	0	1.0
Critical hours	1263.9	2094.0	2183.0	1882.2	1735.1	2160.0	2183.0	2168.9
Indicator value	1.9	2.9	0.9	0.9	0.9	0	0	0.8

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



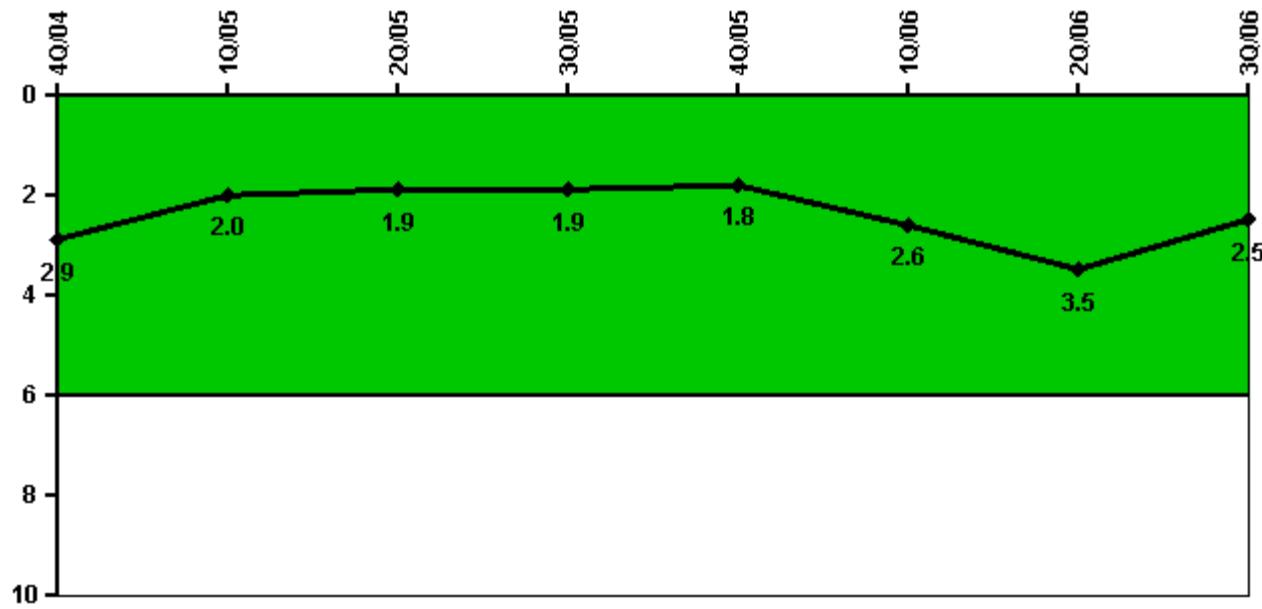
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Scrams	0	1.0	0	0	0	0	0	1.0
Indicator value		1.0	2.0	2.0	2.0	2.0	2.0	3.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

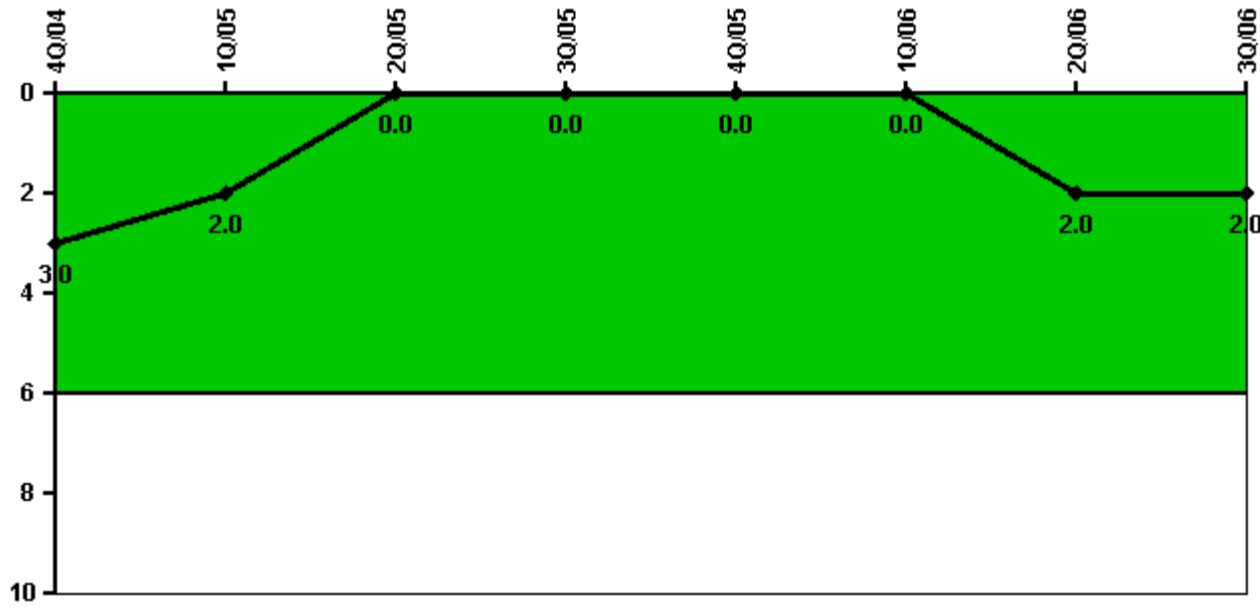


Thresholds: White > 6.0

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	1.0	0	0	1.0	1.0	1.0	1.0	0
Critical hours	1263.9	2094.0	2183.0	1882.2	1735.1	2160.0	2183.0	2168.9
Indicator value	2.9	2.0	1.9	1.9	1.8	2.6	3.5	2.5

Licensee Comments: none

Safety System Functional Failures (BWR)

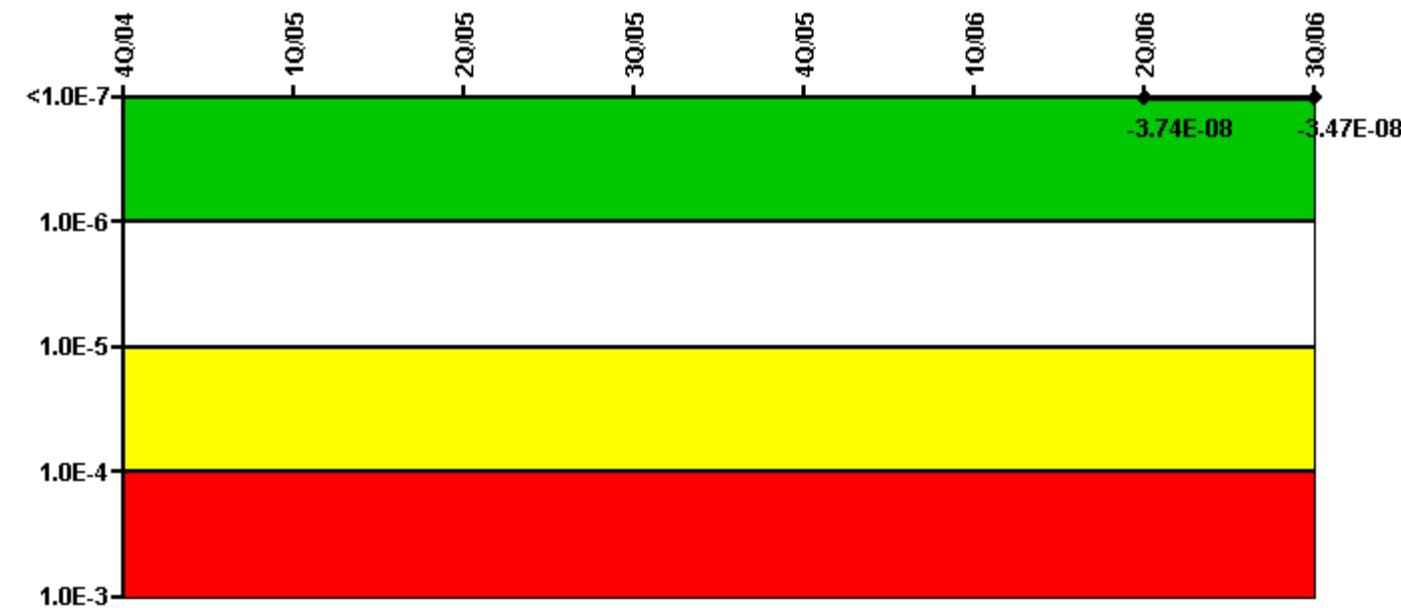
Thresholds: White > 6.0

Notes

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

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

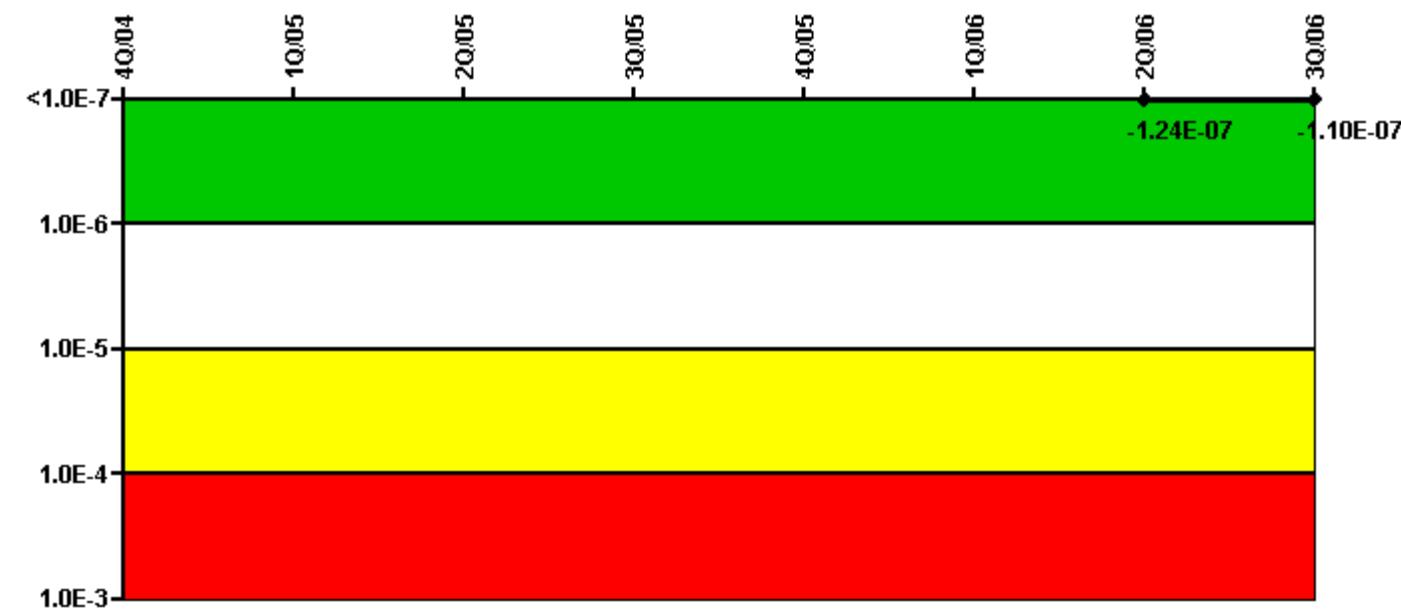
Mitigating Systems Performance Index, Emergency AC Power System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (Δ CDF)							-2.40E-09	-3.70E-09
URI (Δ CDF)							-3.50E-08	-3.10E-08
PLE							NO	NO
Indicator value							-3.74E-08	-3.47E-08

Licensee Comments:

3Q/06: Changed PRA Parameter(s). Revised Baseline Data

2Q/06: Changed PRA Parameter(s). Baseline Unavailability was corrected.

Mitigating Systems Performance Index, High Pressure Injection System



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

Notes

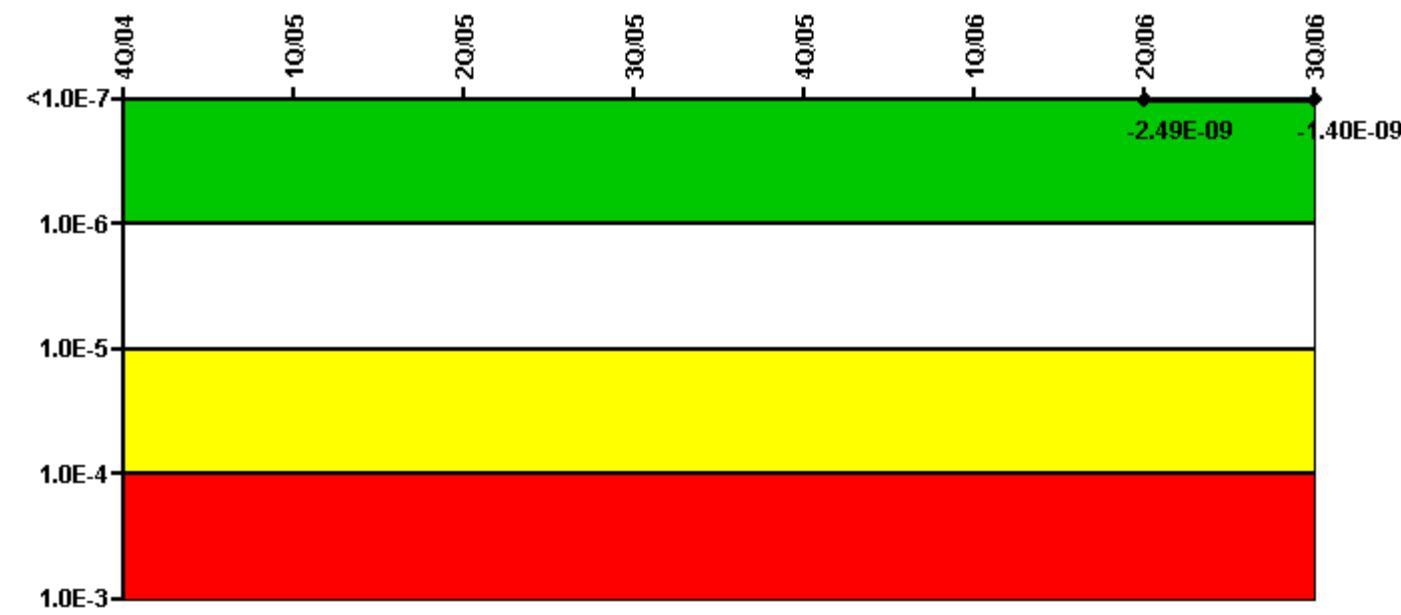
Mitigating Systems Performance Index, High Pressure Injection System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (Δ CDF)							-5.20E-08	-4.60E-08
URI (Δ CDF)							-7.20E-08	-6.40E-08
PLE							NO	NO
Indicator value							-1.24E-07	-1.10E-07

Licensee Comments:

3Q/06: Changed PRA Parameter(s). Revised Baseline Unavailability

2Q/06: Changed PRA Parameter(s). Baseline Unavailability was corrected.

Mitigating Systems Performance Index, Heat Removal System



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

Notes

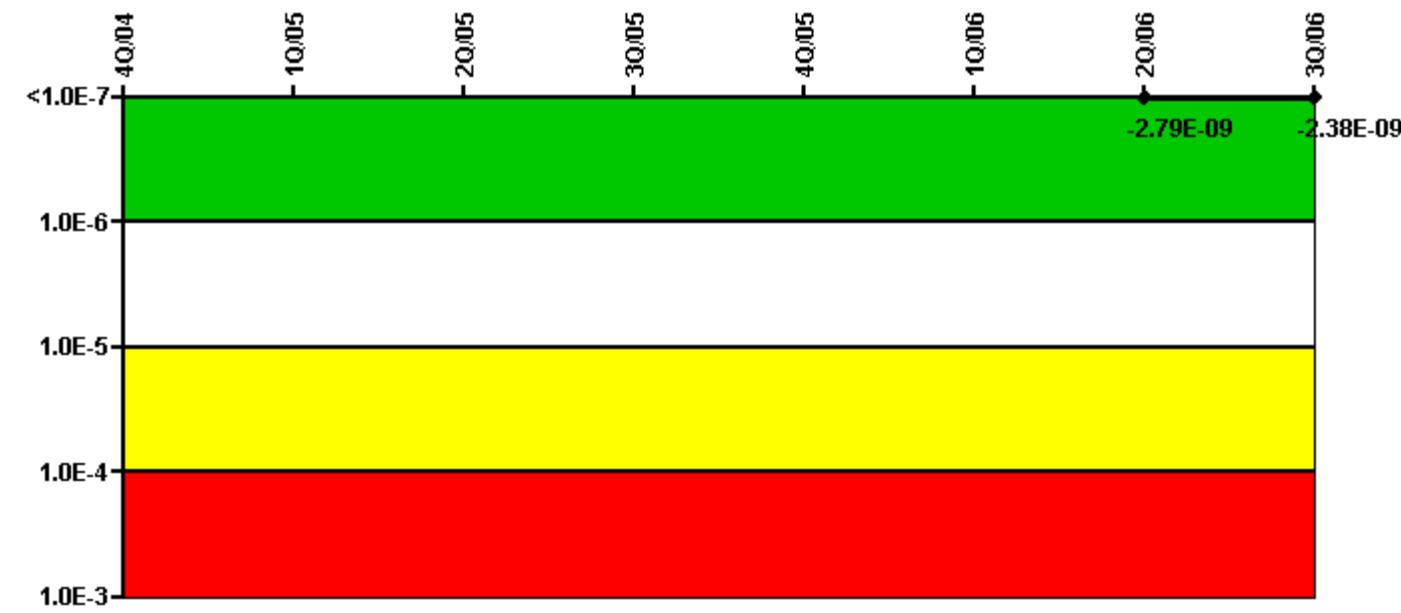
Mitigating Systems Performance Index, Heat Removal System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (ΔCDF)							-1.50E-09	-1.30E-09
URI (ΔCDF)							-9.90E-10	-1.00E-10
PLE							NO	NO
Indicator value							-2.49E-09	-1.40E-09

Licensee Comments:

3Q/06: Changed PRA Parameter(s). Revised Baseline Unavailability

2Q/06: Changed PRA Parameter(s). Baseline Unavailability was corrected.

Mitigating Systems Performance Index, Residual Heat Removal System



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

Notes

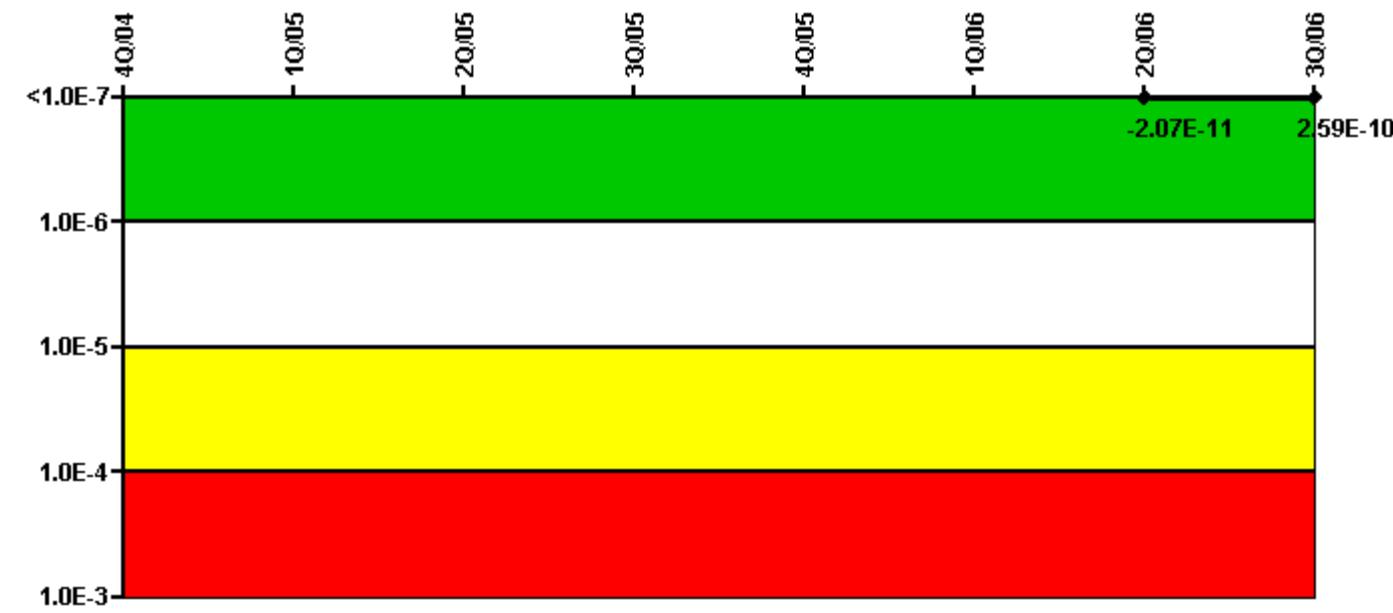
Mitigating Systems Performance Index, Residual Heat Removal System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (Δ CDF)							-9.90E-10	-8.80E-10
URI (Δ CDF)							-1.80E-09	-1.50E-09
PLE							NO	NO
Indicator value							-2.79E-09	-2.38E-09

Licensee Comments:

3Q/06: Changed PRA Parameter(s). Revised Baseline UnavailabilityRevised Monthly Unavailability

2Q/06: Changed PRA Parameter(s). Baseline Unavailability was corrected. Monthly unavailability data was also corrected.

Mitigating Systems Performance Index, Cooling Water Systems



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

Notes

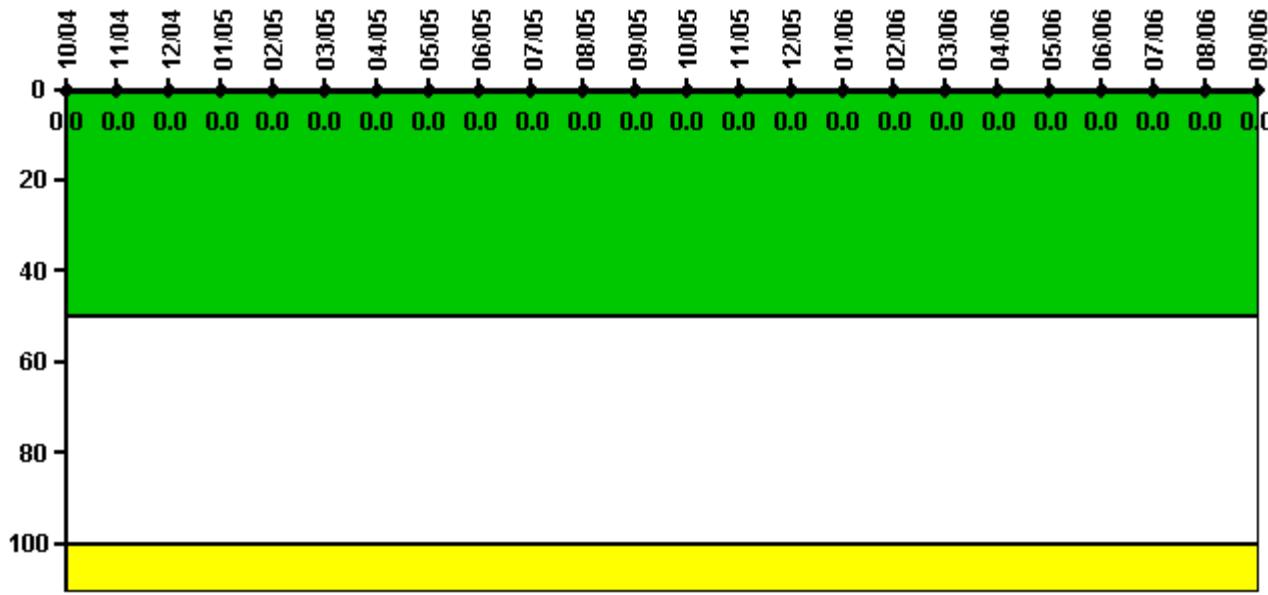
Mitigating Systems Performance Index, Cooling Water Systems	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (Δ CDF)							4.30E-12	2.80E-10
URI (Δ CDF)							-2.50E-11	-2.10E-11
PLE							NO	NO
Indicator value							-2.07E-11	2.59E-10

Licensee Comments:

3Q/06: Changed PRA Parameter(s). Revised Baseline UnavailabilityRevised Monthly Unavailability

2Q/06: Changed PRA Parameter(s). Baseline Unavailability was corrected. Monthly unavailability data was also corrected.

Reactor Coolant System Activity



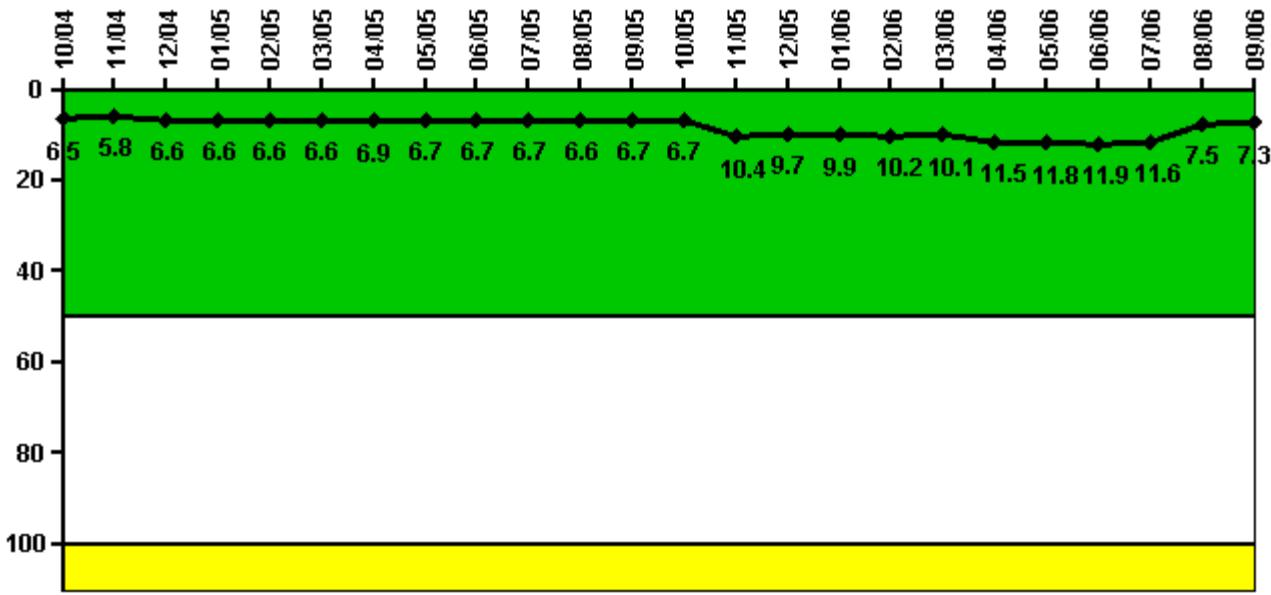
Thresholds: White > 50.0 Yellow > 100.0

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	0.000007	0	0.000006	0.000032	0.000043	0.000006	0.000006	0.000005	0.000005	0.000006	0.000006	0.000007
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
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	0.000012	0.000004	0.000005	0.000005	0.000005	0.000004	0.000004	0.000004	0.000004	0.000004	0.000003	0.000003
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



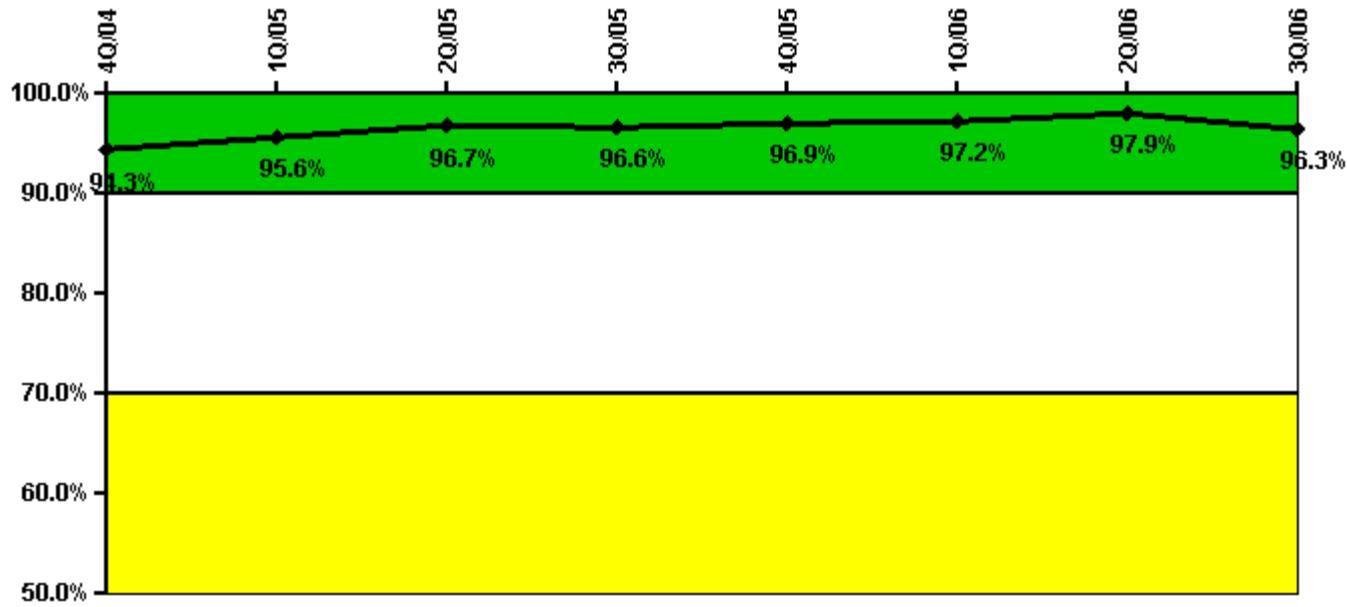
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05
Maximum leakage	1.637	1.455	1.652	1.650	1.643	1.655	1.717	1.687	1.687	1.670	1.658	1.663
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	6.5	5.8	6.6	6.6	6.6	6.6	6.9	6.7	6.7	6.7	6.6	6.7
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	1.668	2.600	2.423	2.482	2.550	2.515	2.877	2.945	2.978	2.900	1.867	1.832
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	6.7	10.4	9.7	9.9	10.2	10.1	11.5	11.8	11.9	11.6	7.5	7.3

Licensee Comments: none

Drill/Exercise Performance



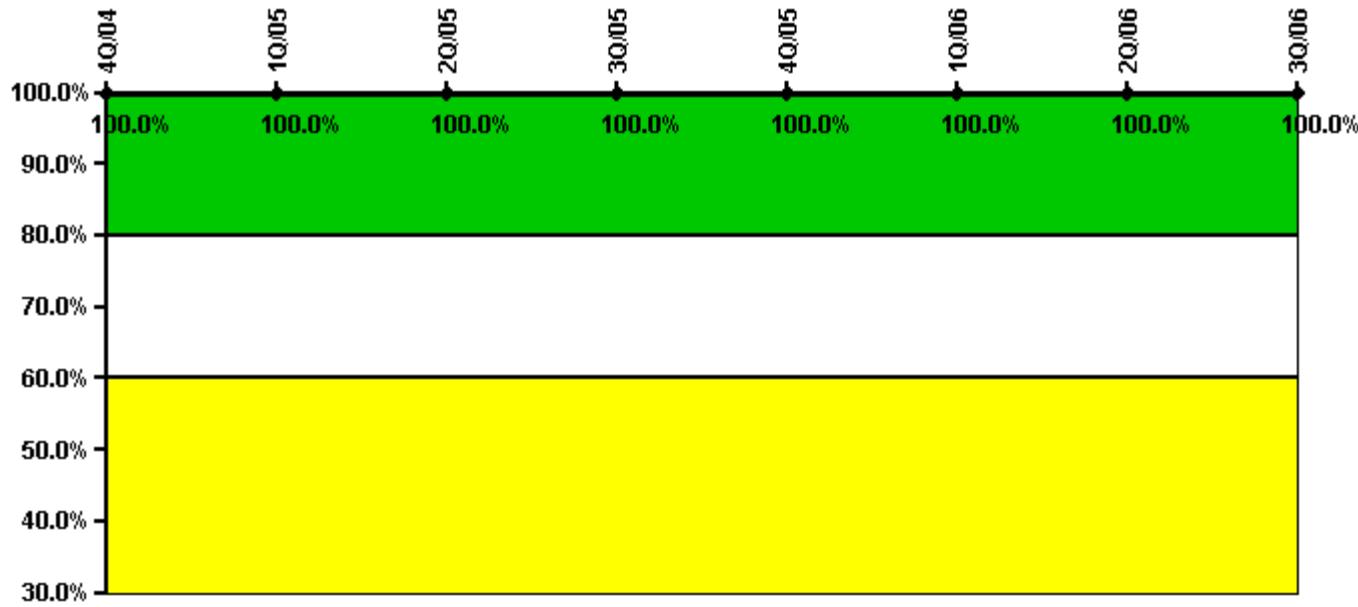
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Successful opportunities	29.0	58.0	24.0	26.0	47.0	48.0	38.0	14.0
Total opportunities	30.0	59.0	26.0	27.0	48.0	48.0	38.0	19.0
Indicator value	94.3%	95.6%	96.7%	96.6%	96.9%	97.2%	97.9%	96.3%

Licensee Comments: none

ERO Drill Participation



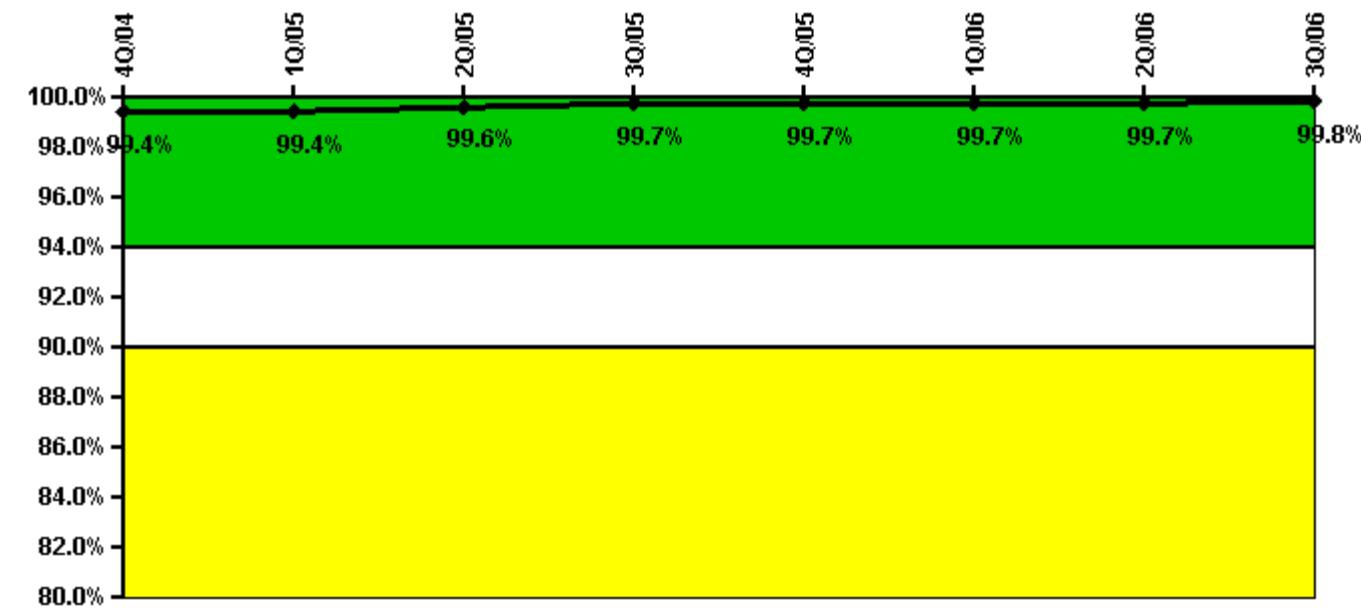
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Participating Key personnel	59.0	60.0	62.0	63.0	64.0	69.0	66.0	65.0
Total Key personnel	59.0	60.0	62.0	63.0	64.0	69.0	66.0	65.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System

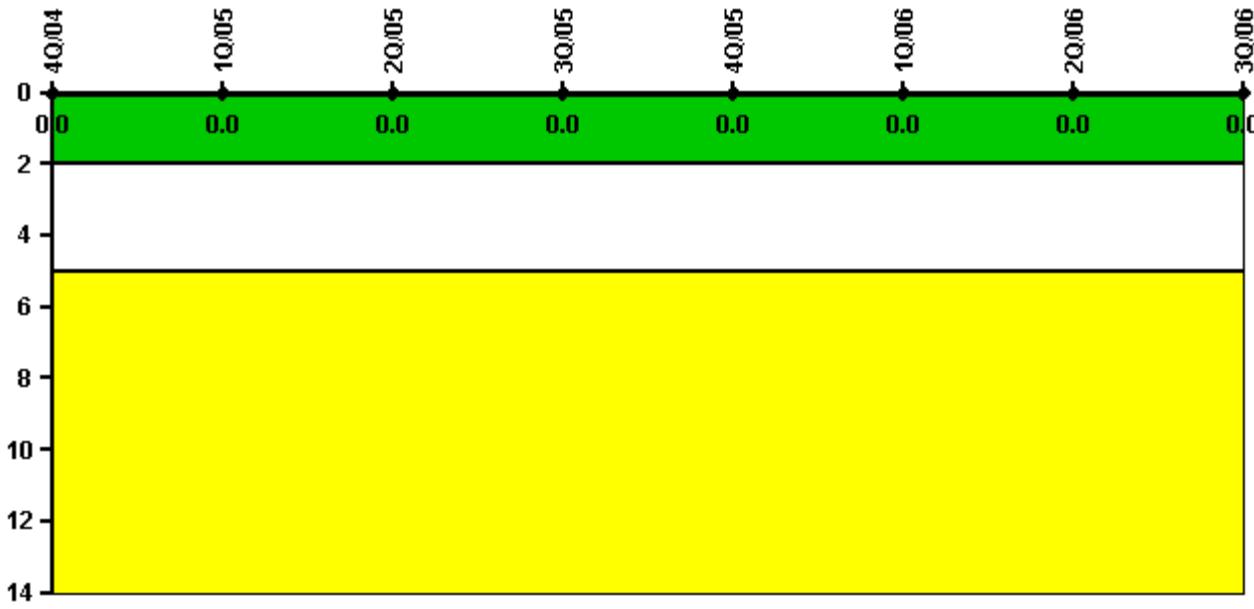


Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Successful siren-tests	5045	4983	4972	4966	4988	5061	4979	4971
Total sirens-tests	5057	4992	4991	4992	4992	5070	4991	4992
Indicator value	99.4%	99.4%	99.6%	99.7%	99.7%	99.7%	99.7%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness

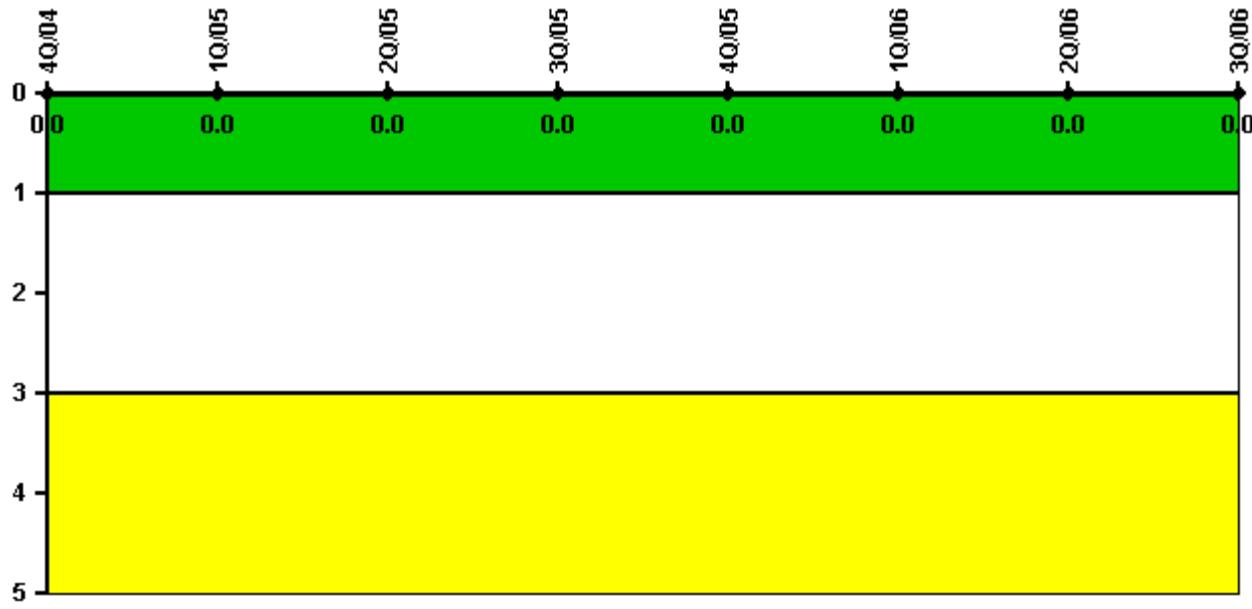
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/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.



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

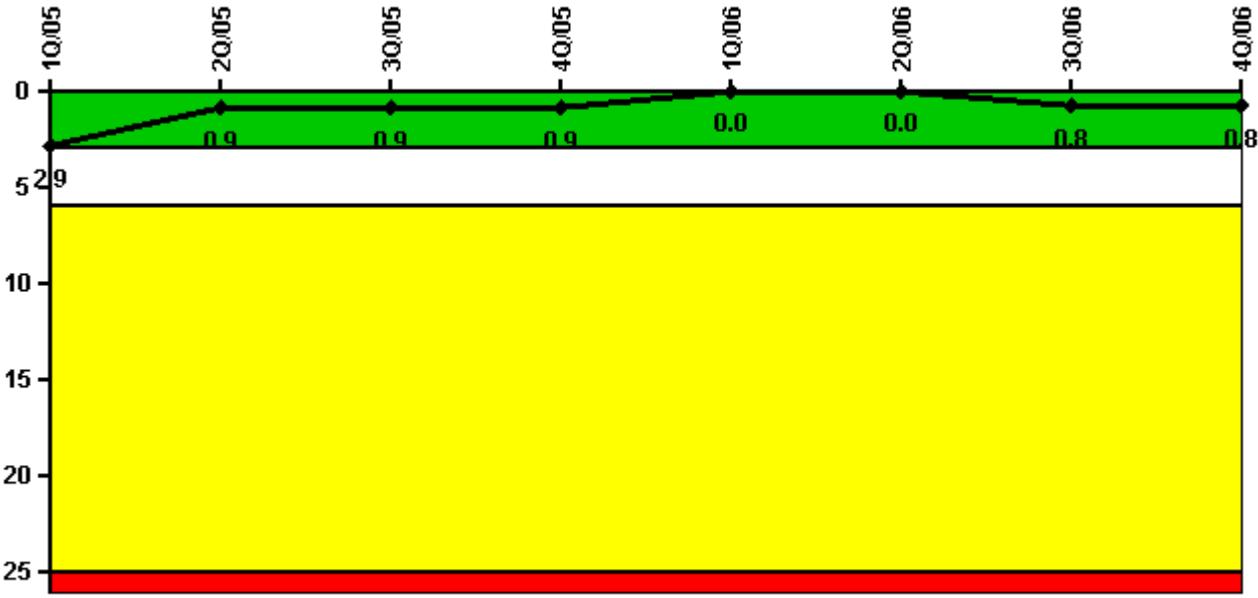
Last Modified: November 6, 2006

Dresden 2

4Q/2006 Performance Indicators

Licensee's General Comments: THIS FILE REFLECTS RECENT CHANGES MADE TO MSPI VALUES FOR SECOND AND THIRD QUARTERS.

Unplanned Scrams per 7000 Critical Hrs



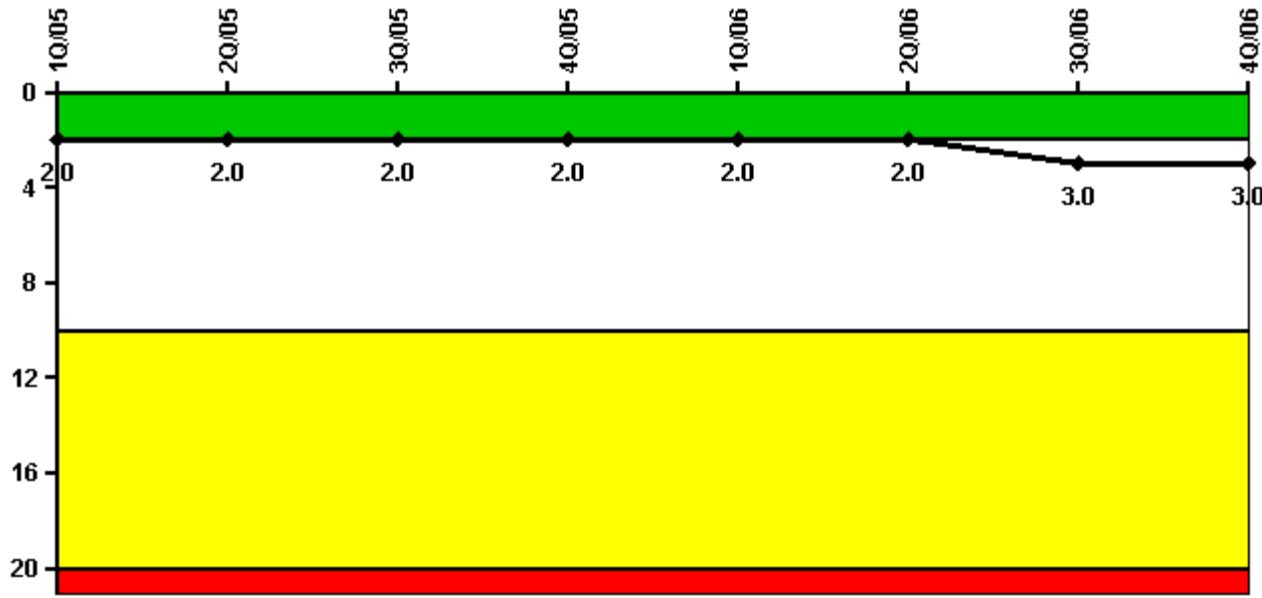
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0	0	0	1.0	0
Critical hours	2094.0	2183.0	1882.2	1735.1	2160.0	2183.0	2168.9	2003.2
Indicator value	2.9	0.9	0.9	0.9	0	0	0.8	0.8

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



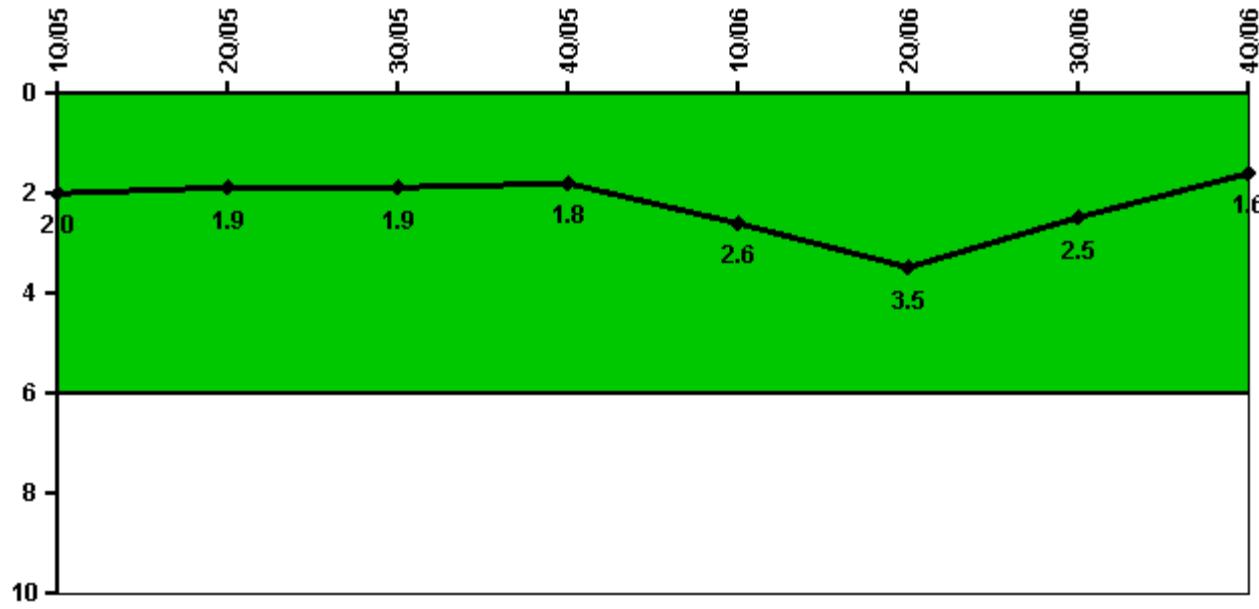
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Scrams	1.0	0	0	0	0	0	1.0	0
Indicator value	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

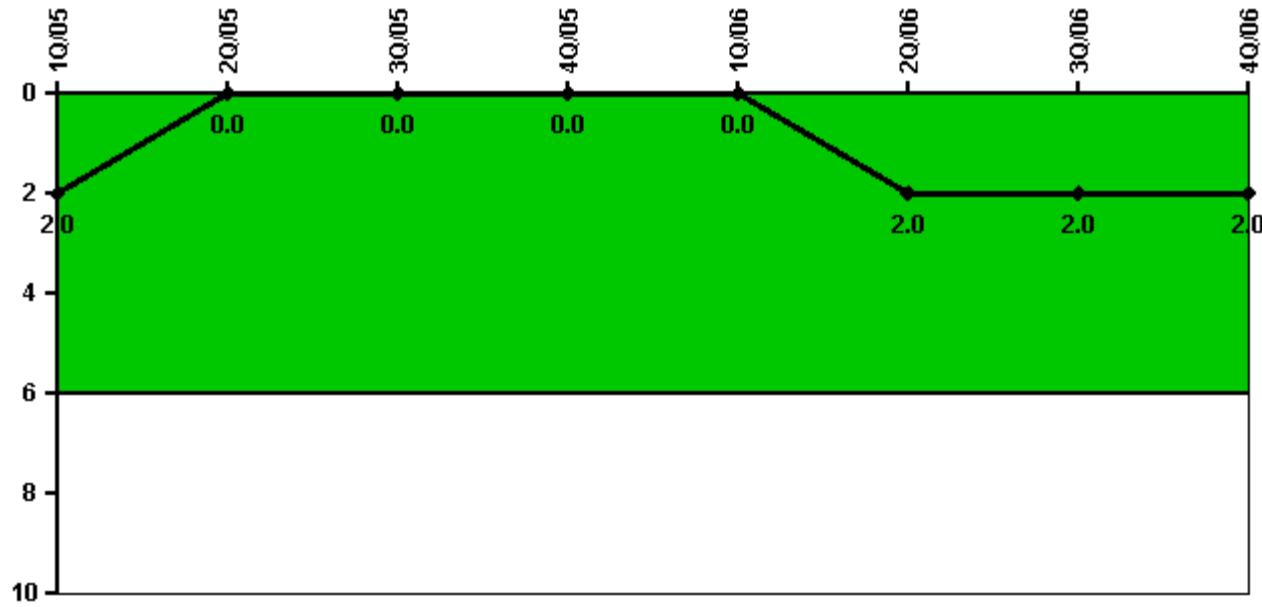


Thresholds: White > 6.0

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	1.0	1.0	1.0	1.0	0	0
Critical hours	2094.0	2183.0	1882.2	1735.1	2160.0	2183.0	2168.9	2003.2
Indicator value	2.0	1.9	1.9	1.8	2.6	3.5	2.5	1.6

Licensee Comments: none

Safety System Functional Failures (BWR)

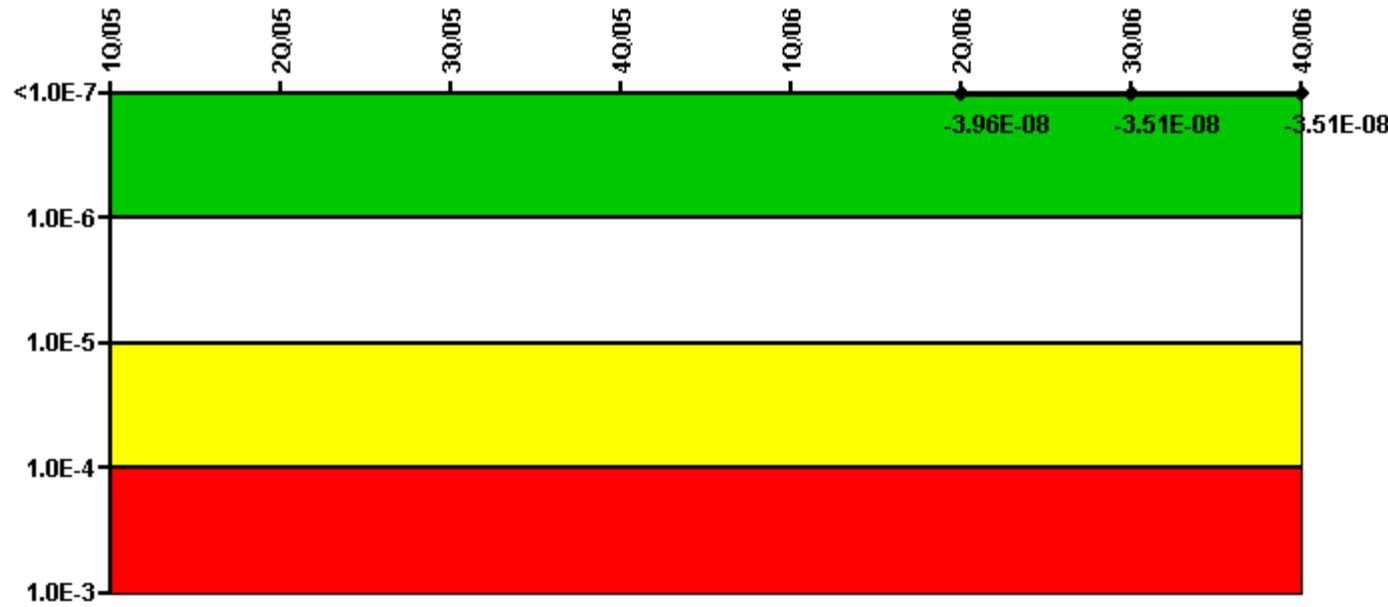
Thresholds: White > 6.0

Notes

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

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

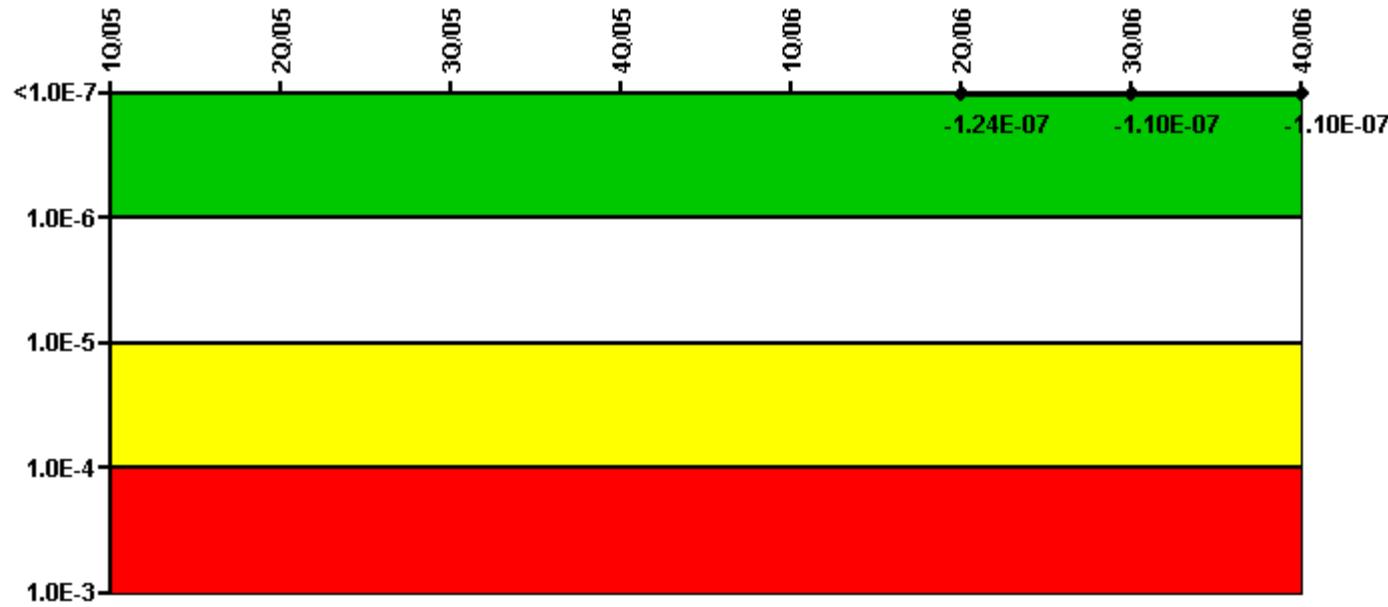
Mitigating Systems Performance Index, Emergency AC Power System	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (ΔCDF)						-4.60E-09	-4.10E-09	-4.10E-09
URI (ΔCDF)						-3.50E-08	-3.10E-08	-3.10E-08
PLE						NO	NO	NO
Indicator value						-3.96E-08	-3.51E-08	-3.51E-08

Licensee Comments:

3Q/06: Revised Baseline Data

2Q/06: Baseline Unavailability was corrected.

Mitigating Systems Performance Index, High Pressure Injection System



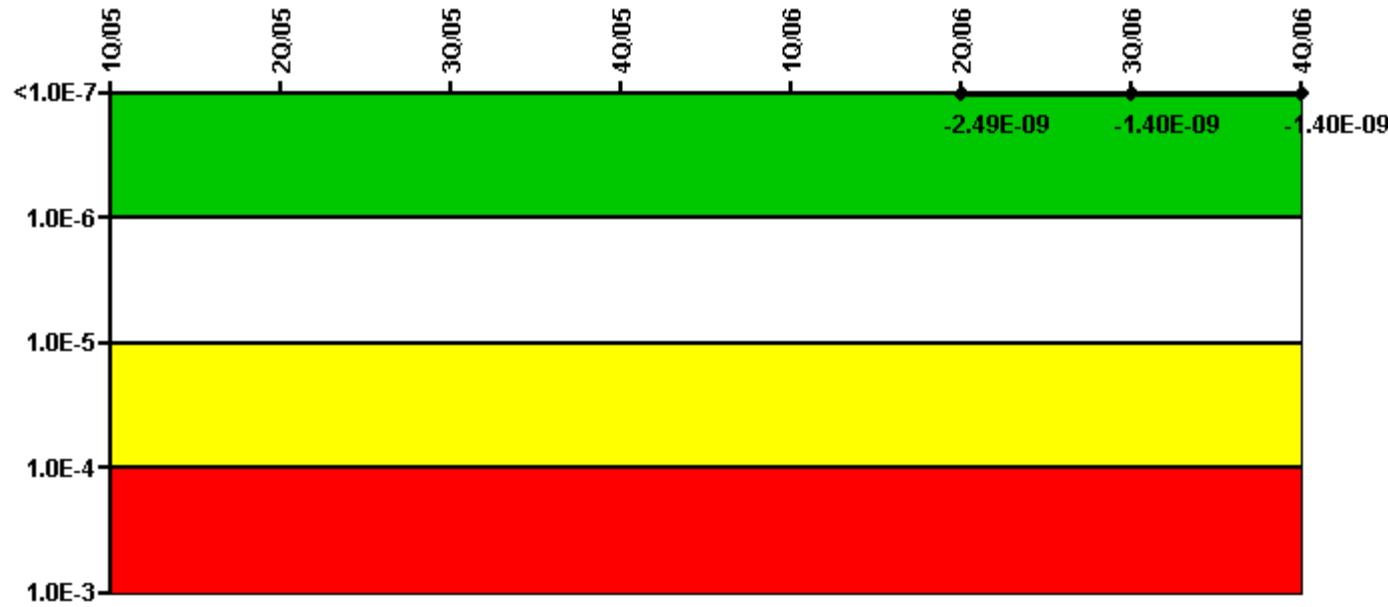
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)						-5.20E-08	-4.60E-08	-4.60E-08
URI (Δ CDF)						-7.20E-08	-6.40E-08	-6.40E-08
PLE						NO	NO	NO
Indicator value						-1.24E-07	-1.10E-07	-1.10E-07

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



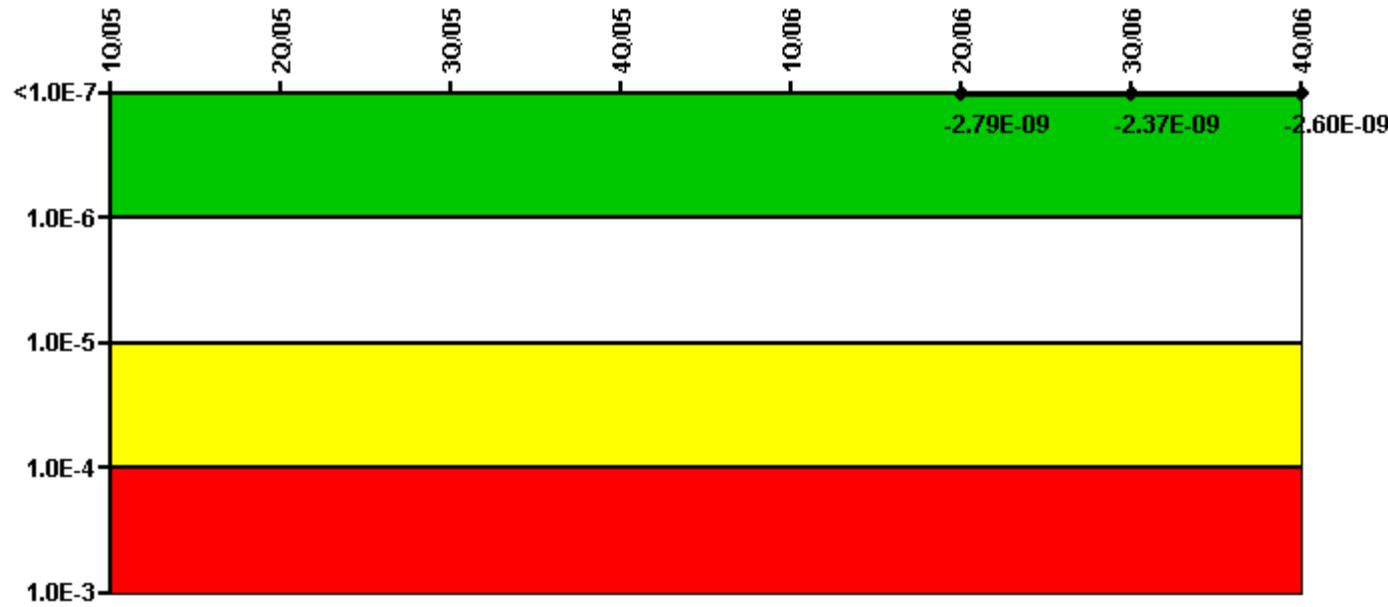
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (ΔCDF)						-1.50E-09	-1.30E-09	-1.30E-09
URI (ΔCDF)						-9.90E-10	-1.00E-10	-1.00E-10
PLE						NO	NO	NO
Indicator value						-2.49E-09	-1.40E-09	-1.40E-09

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



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

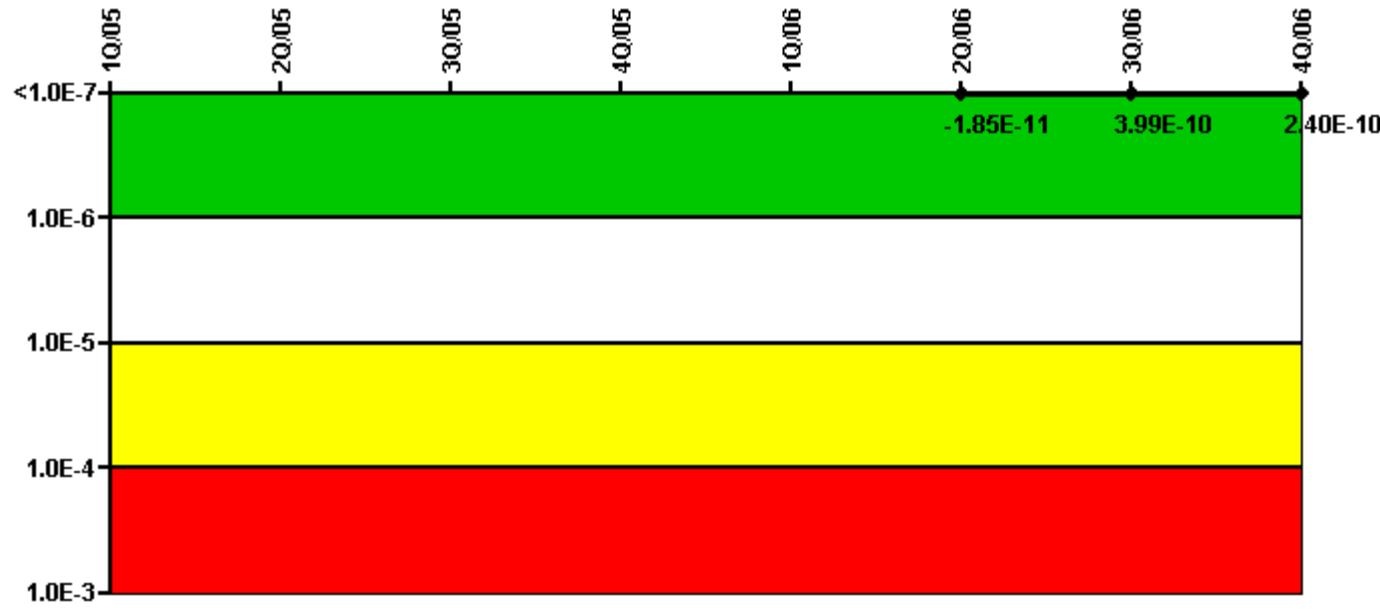
Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (Δ CDF)						-9.90E-10	-8.70E-10	-1.10E-09
URI (Δ CDF)						-1.80E-09	-1.50E-09	-1.50E-09
PLE						NO	NO	NO
Indicator value						-2.79E-09	-2.37E-09	-2.60E-09

Licensee Comments:

3Q/06: Revised Baseline UnavailabilityRevised Monthly Unavailability

Mitigating Systems Performance Index, Cooling Water Systems



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

Notes

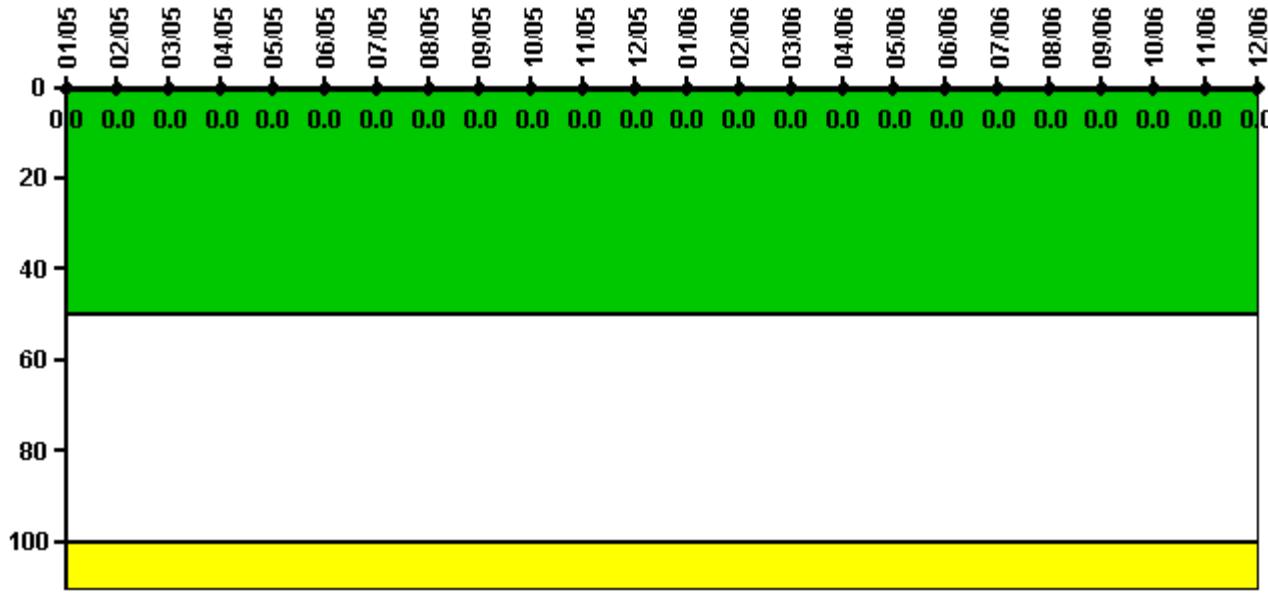
Mitigating Systems Performance Index, Cooling Water Systems	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (ΔCDF)						6.50E-12	4.20E-10	2.60E-10
URI (ΔCDF)						-2.50E-11	-2.10E-11	-2.00E-11
PLE						NO	NO	NO
Indicator value						-1.85E-11	3.99E-10	2.40E-10

Licensee Comments:

3Q/06: Revised Baseline UnavailabilityRevised Monthly Unavailability

2Q/06: Baseline Unavailability was corrected. Monthly unavailability data was also corrected.

Reactor Coolant System Activity



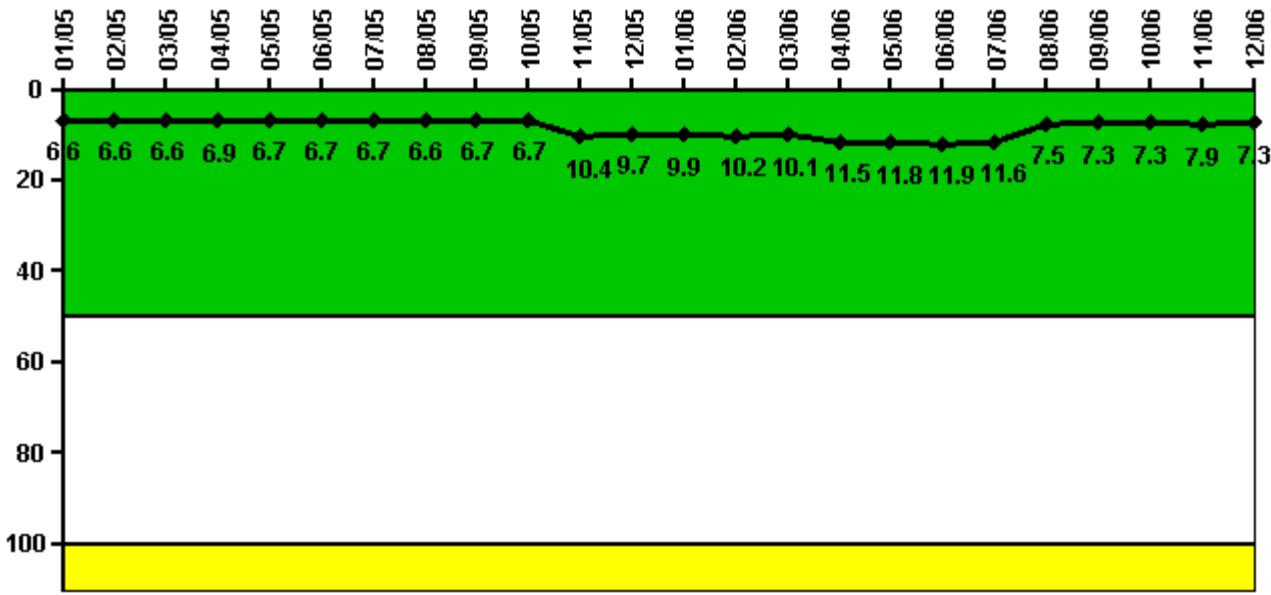
Thresholds: White > 50.0 Yellow > 100.0

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	0.0000032	0.0000043	0.000006	0.000006	0.000005	0.000005	0.000006	0.000006	0.000007	0.000012	0.000004	0.000005
Indicator value	0	0	0	0	0	0	0	0	0	0	0	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	0.000005	0.000005	0.000004	0.000004	0.000004	0.000004	0.000004	0.000003	0.000003	0.000003	0.000004	0.000004
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



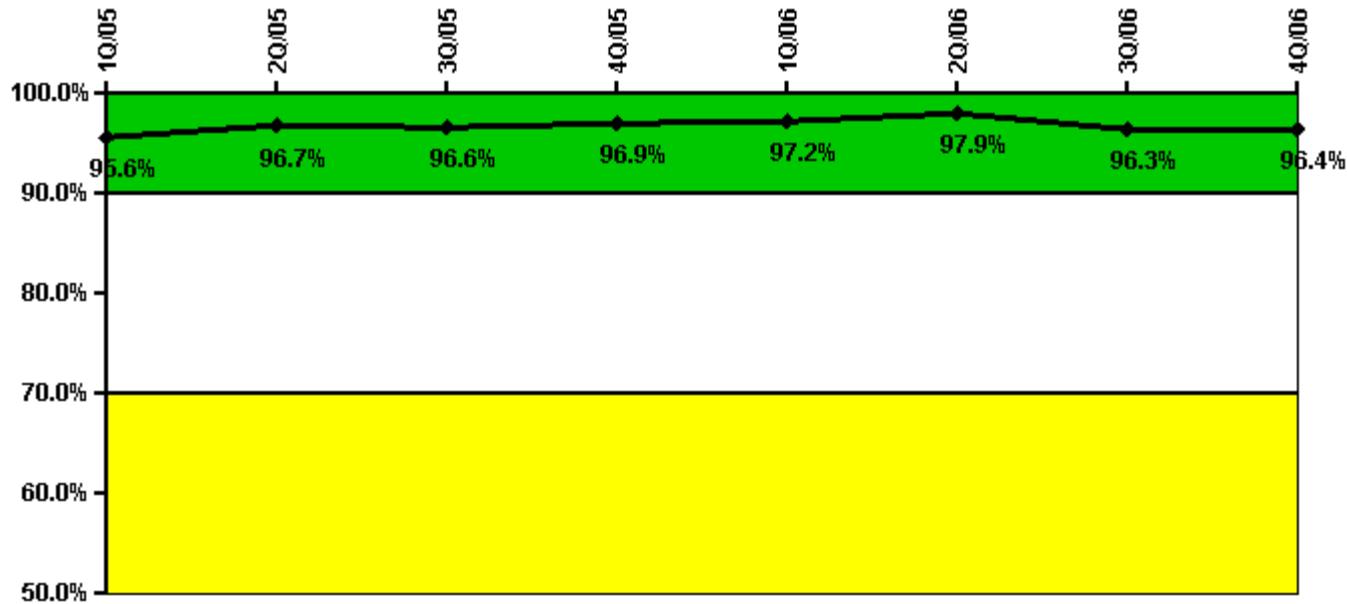
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05
Maximum leakage	1.650	1.643	1.655	1.717	1.687	1.687	1.670	1.658	1.663	1.668	2.600	2.423
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	6.6	6.6	6.6	6.9	6.7	6.7	6.7	6.6	6.7	6.7	10.4	9.7
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	2.482	2.550	2.515	2.877	2.945	2.978	2.900	1.867	1.832	1.832	1.965	1.813
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	9.9	10.2	10.1	11.5	11.8	11.9	11.6	7.5	7.3	7.3	7.9	7.3

Licensee Comments: none

Drill/Exercise Performance



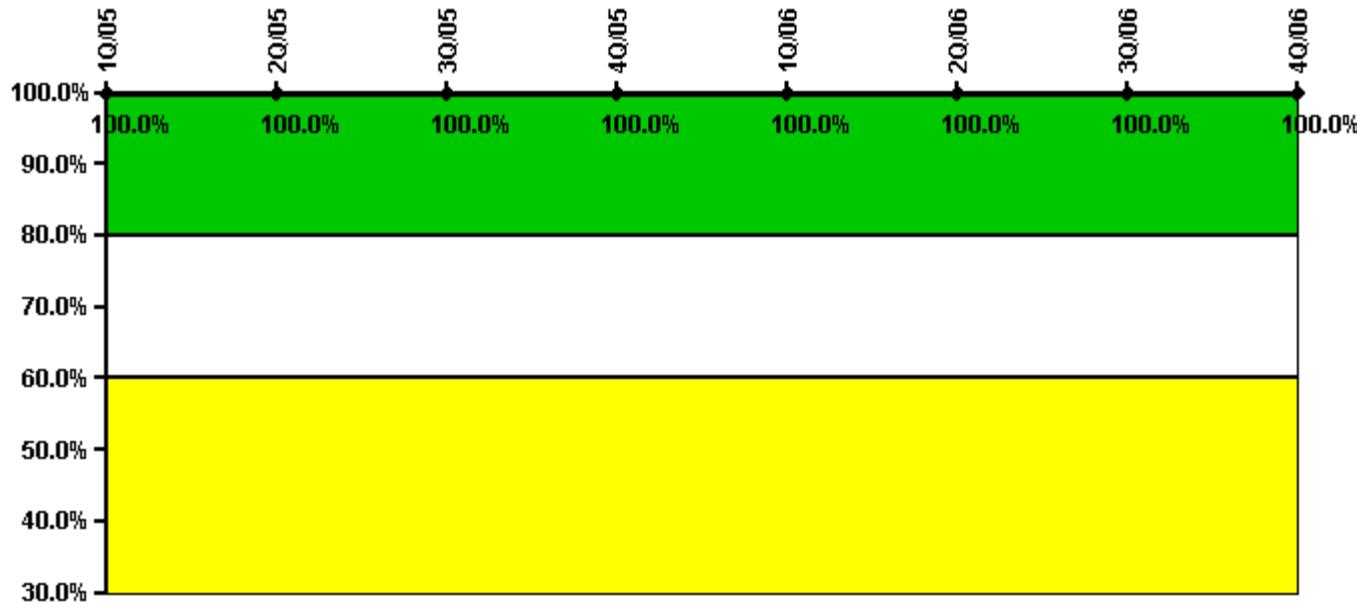
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Successful opportunities	58.0	24.0	26.0	47.0	48.0	38.0	14.0	12.0
Total opportunities	59.0	26.0	27.0	48.0	48.0	38.0	19.0	12.0
Indicator value	95.6%	96.7%	96.6%	96.9%	97.2%	97.9%	96.3%	96.4%

Licensee Comments: none

ERO Drill Participation



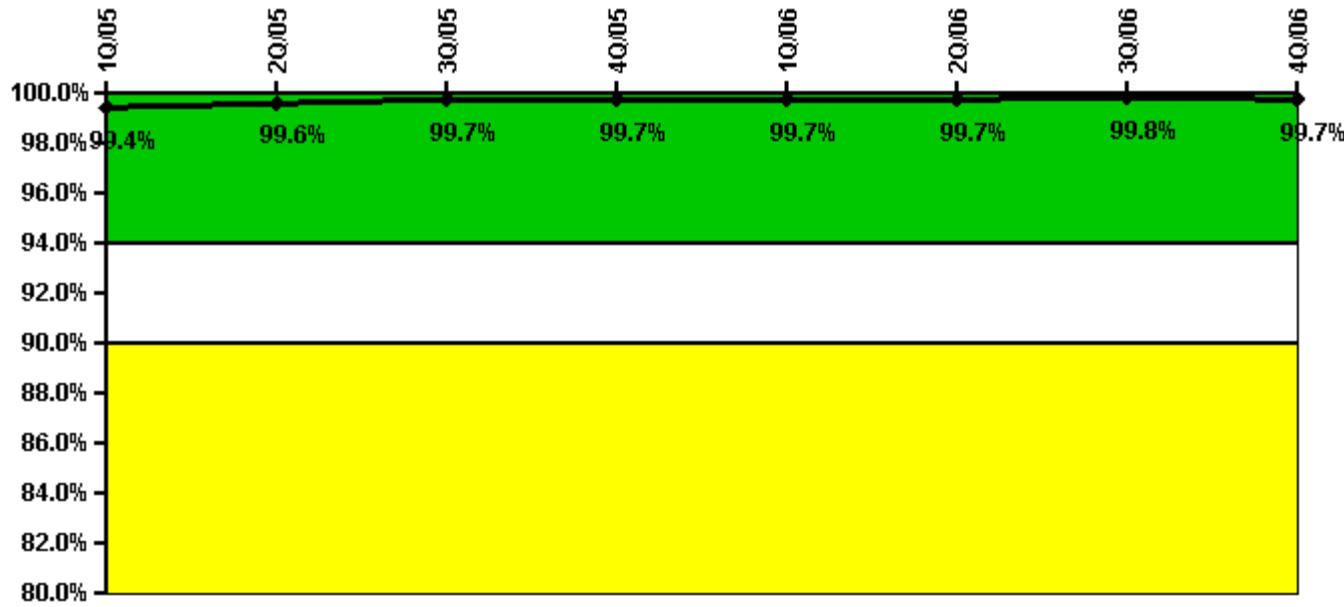
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Participating Key personnel	60.0	62.0	63.0	64.0	69.0	66.0	65.0	66.0
Total Key personnel	60.0	62.0	63.0	64.0	69.0	66.0	65.0	66.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System

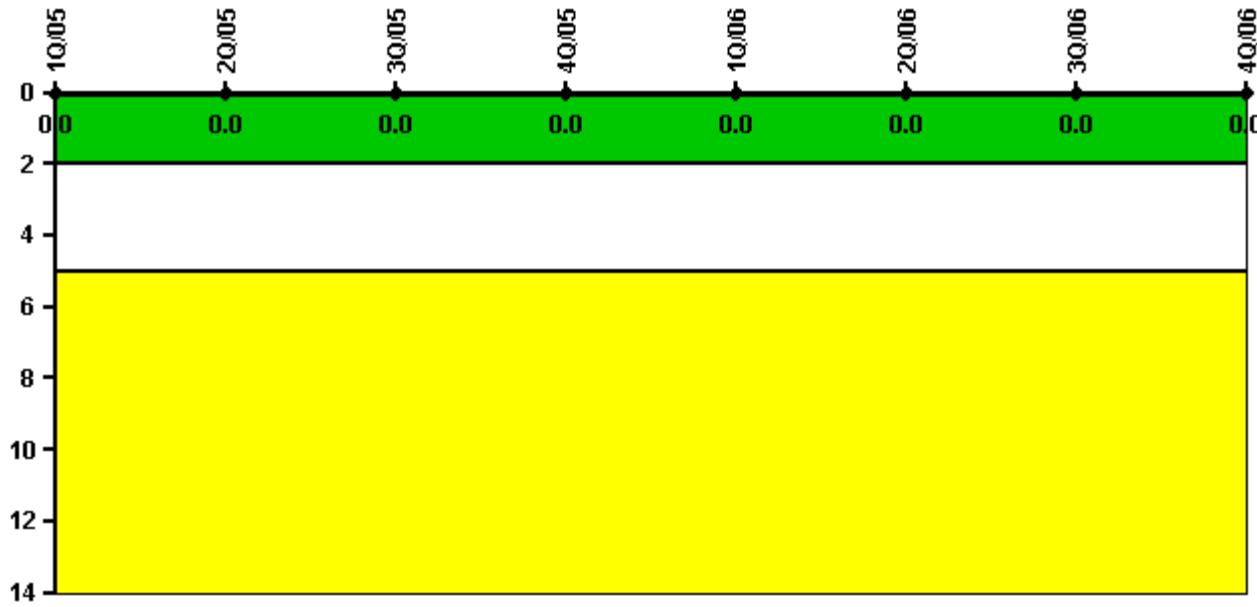


Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Successful siren-tests	4983	4972	4966	4988	5061	4979	4971	4902
Total sirens-tests	4992	4991	4992	4992	5070	4991	4992	4914
Indicator value	99.4%	99.6%	99.7%	99.7%	99.7%	99.7%	99.8%	99.7%

Licensee Comments: none

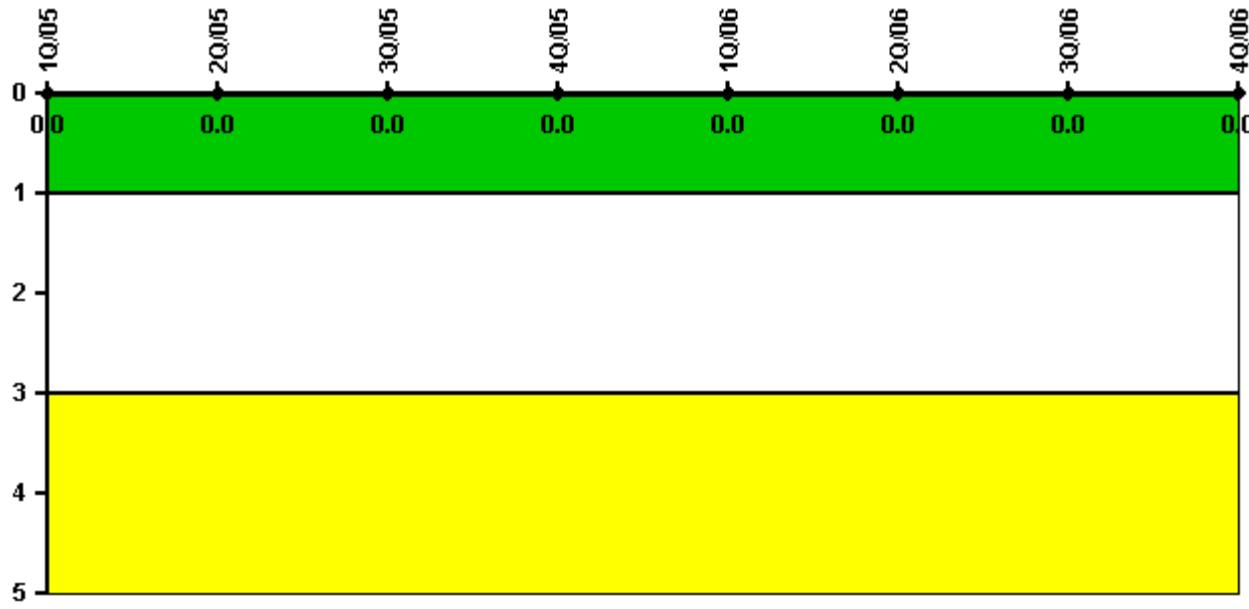
Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/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

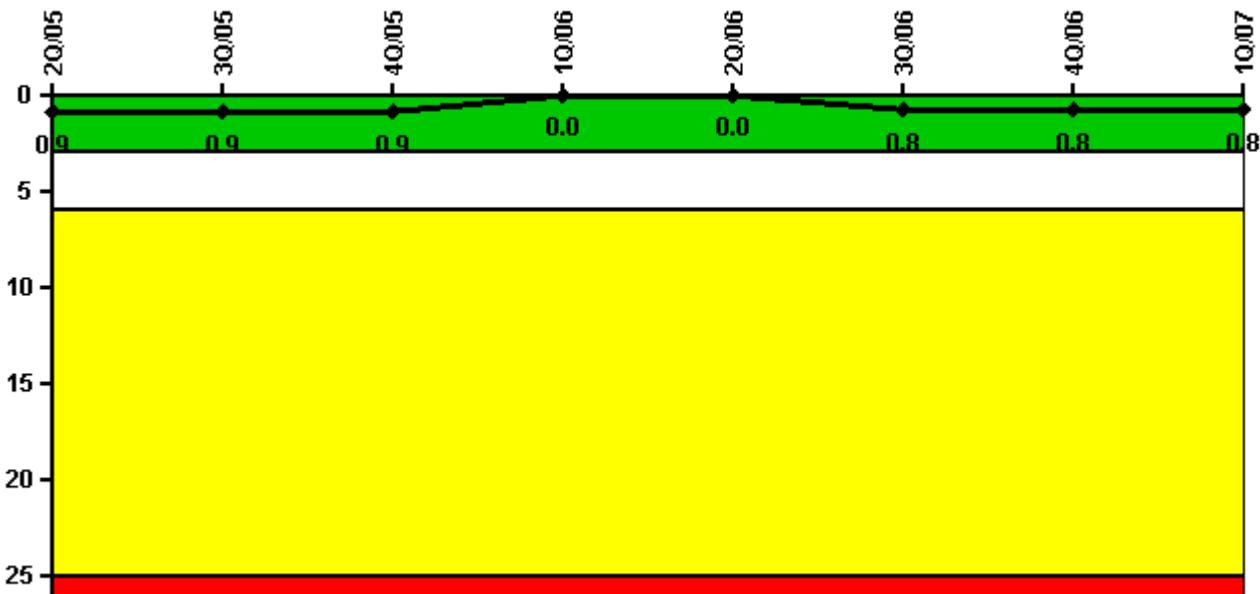
[Physical Protection](#) information not publicly available.

Dresden 2

1Q/2007 Performance Indicators

Licensee's General Comments: See individual comments for IE03 and MS05 indicators.

Unplanned Scrams per 7000 Critical Hrs



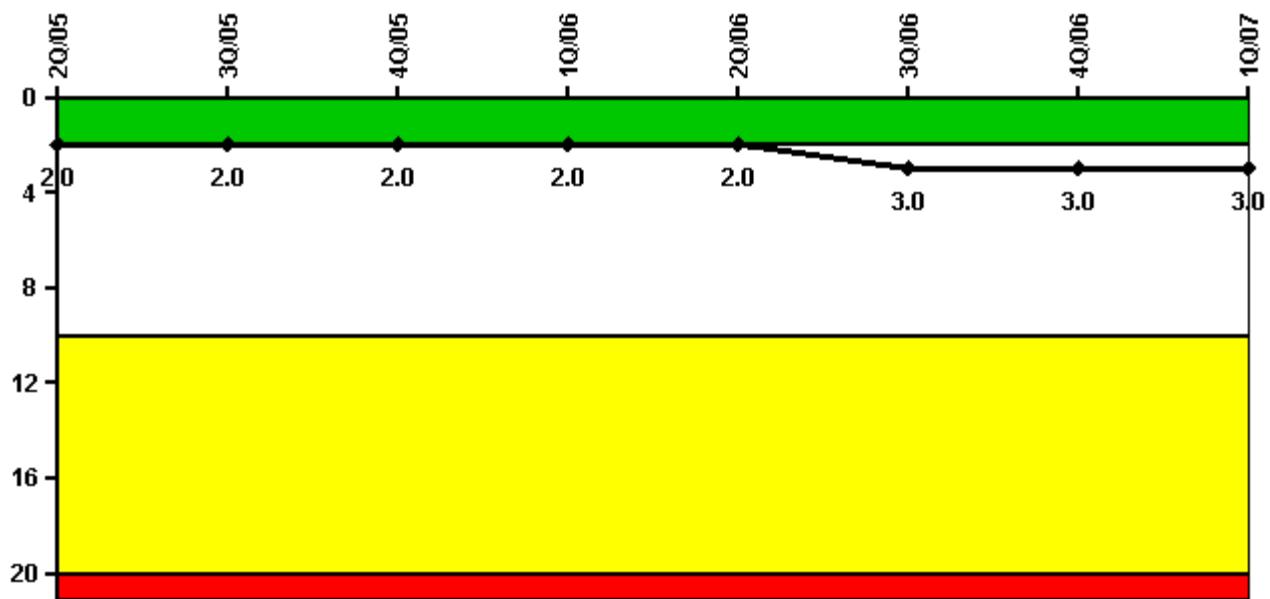
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0
Critical hours	2183.0	1882.2	1735.1	2160.0	2183.0	2168.9	2003.2	2159.0
Indicator value	0.9	0.9	0.9	0	0	0.8	0.8	0.8

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



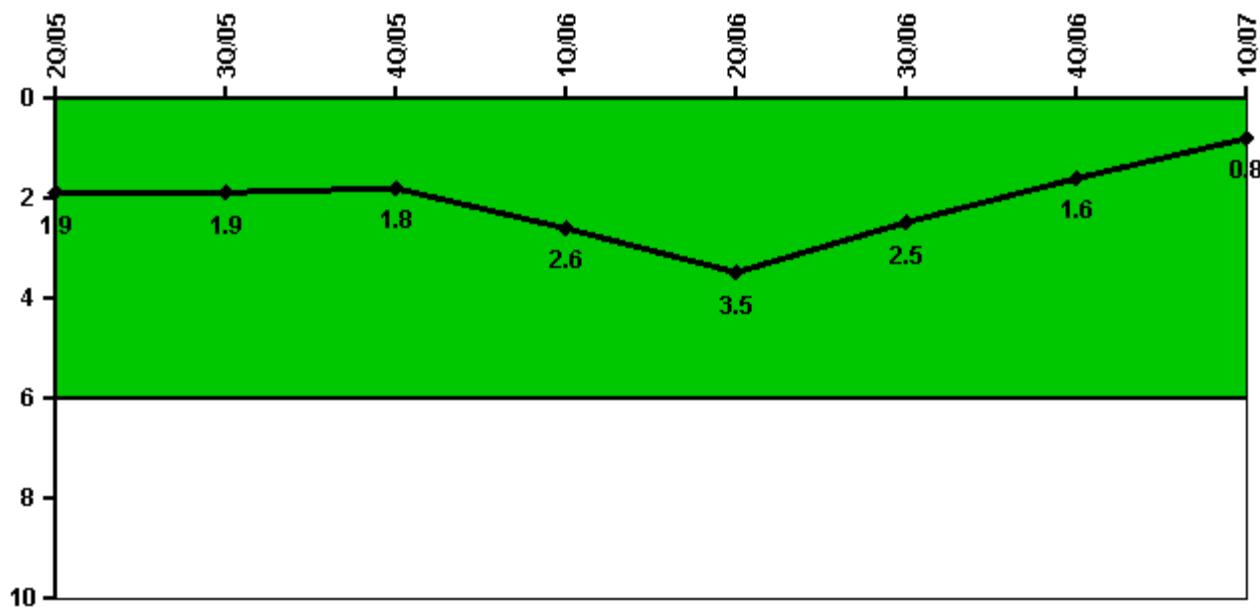
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Scrams	0	0	0	0	0	1.0	0	0
Indicator value	2.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

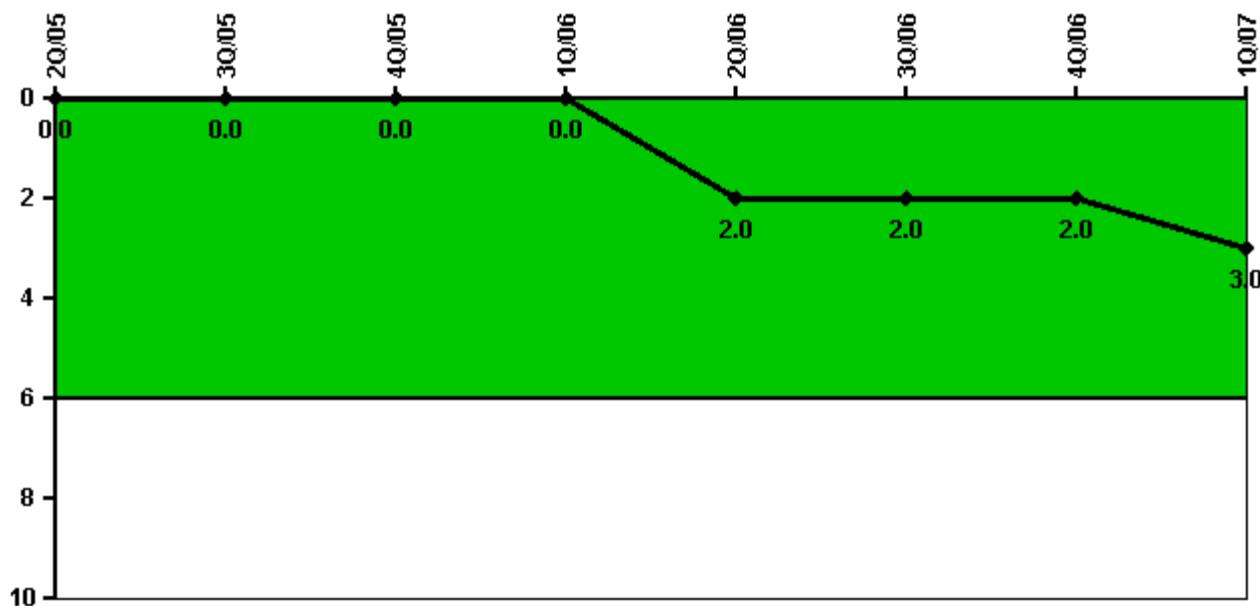
Notes

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	1.0	1.0	1.0	1.0	0	0	0
Critical hours	2183.0	1882.2	1735.1	2160.0	2183.0	2168.9	2003.2	2159.0
Indicator value	1.9	1.9	1.8	2.6	3.5	2.5	1.6	0.8

Licensee Comments:

1Q/07: NRC granted an NOED during January 2007, which if not granted would have caused an unplanned power change.

Safety System Functional Failures (BWR)



Thresholds: White > 6.0

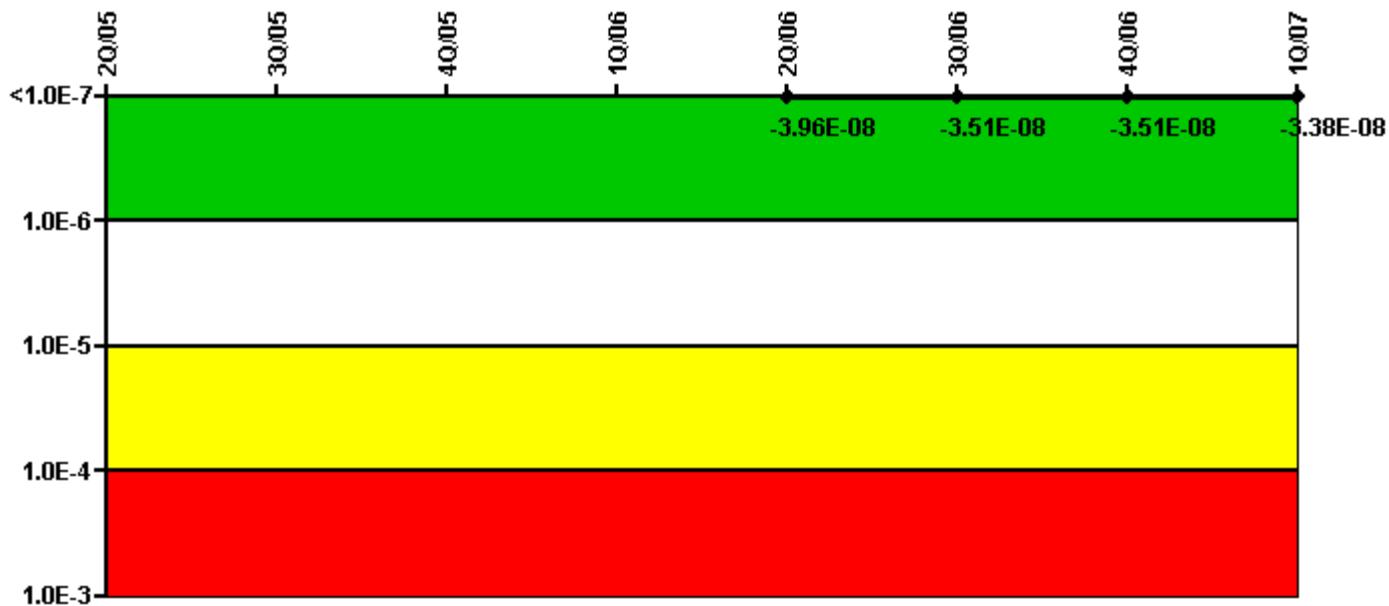
Notes

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

Licensee Comments:

1Q/07: See LER 237/2006-005-00 for details regarding SSFF in January 2007.

Mitigating Systems Performance Index, Emergency AC Power System



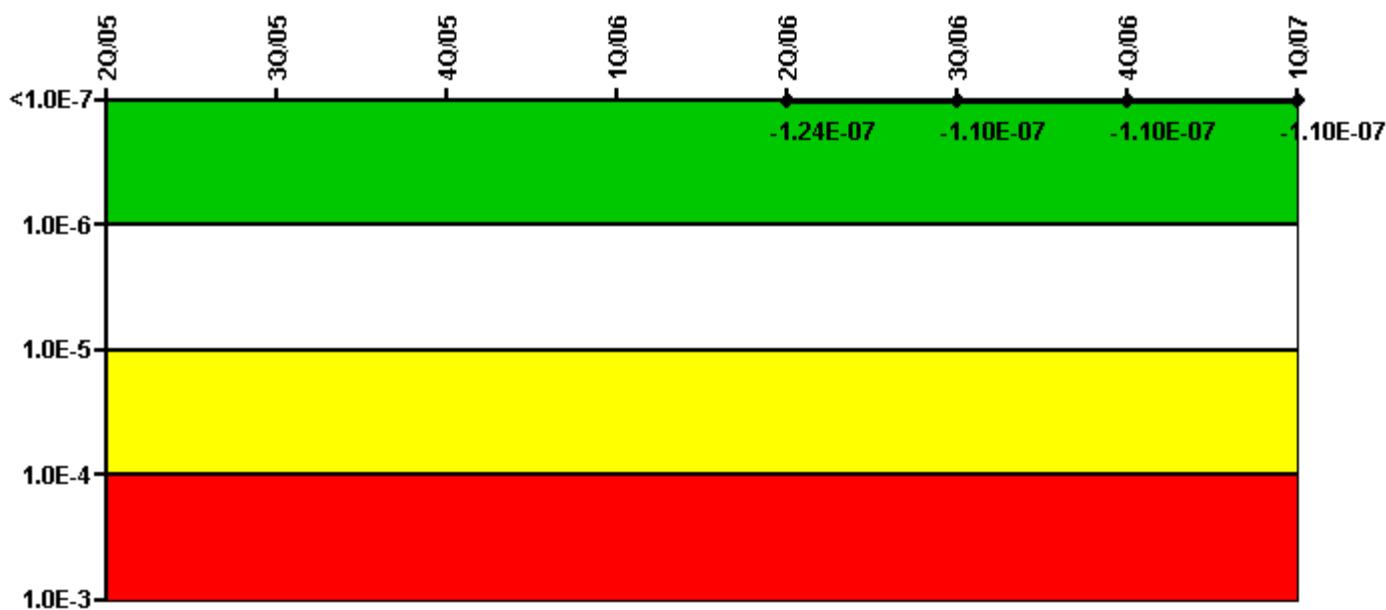
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)					-4.60E-09	-4.10E-09	-4.10E-09	-1.80E-09
URI (Δ CDF)					-3.50E-08	-3.10E-08	-3.10E-08	-3.20E-08
PLE					NO	NO	NO	NO
Indicator value					-3.96E-08	-3.51E-08	-3.51E-08	-3.38E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



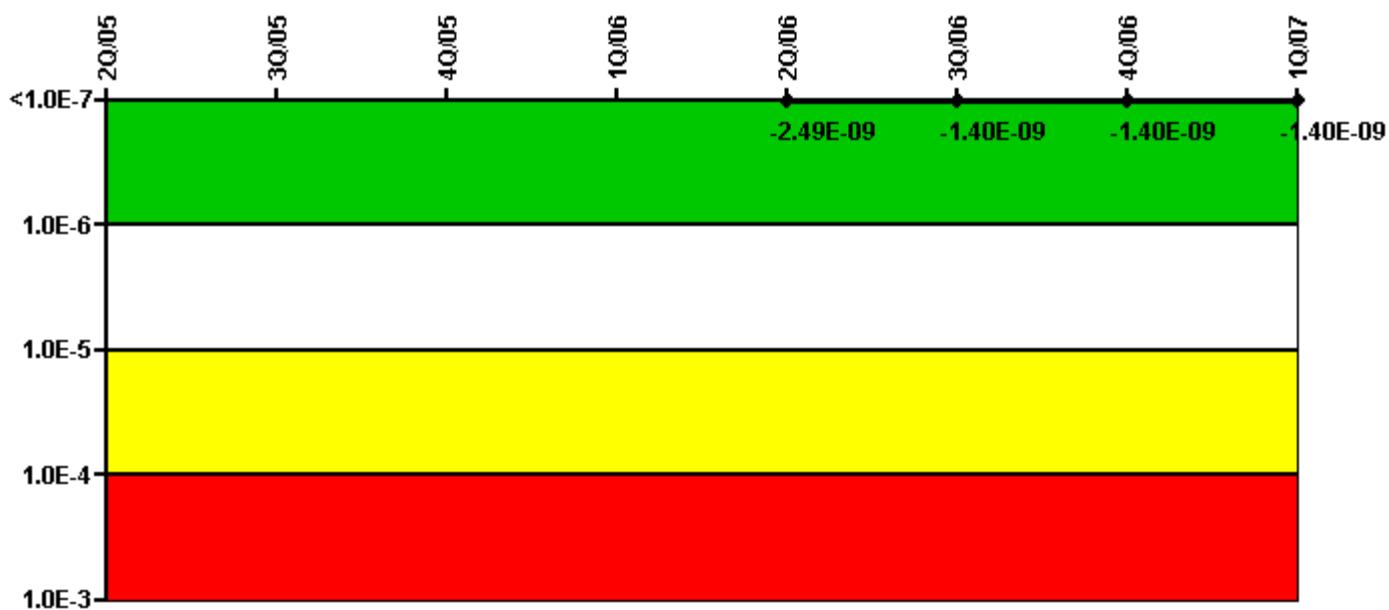
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (Δ CDF)					-5.20E-08	-4.60E-08	-4.60E-08	-4.60E-08
URI (Δ CDF)					-7.20E-08	-6.40E-08	-6.40E-08	-6.40E-08
PLE					NO	NO	NO	NO
Indicator value					-1.24E-07	-1.10E-07	-1.10E-07	-1.10E-07

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



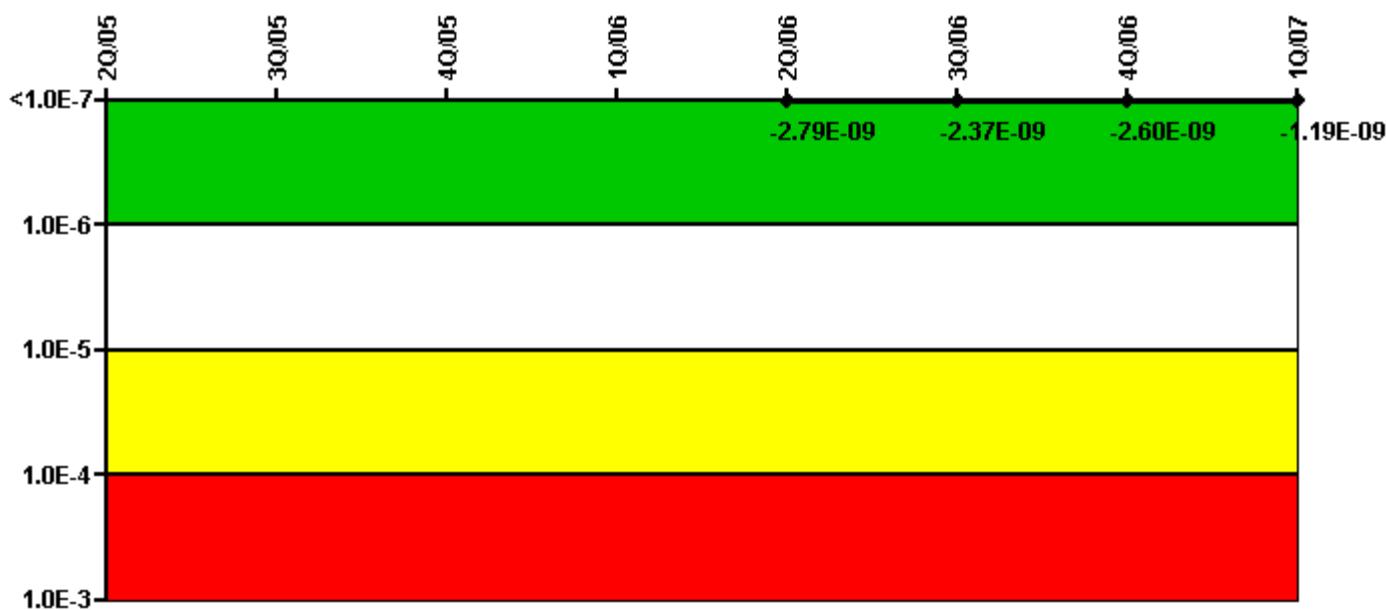
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (Δ CDF)					-1.50E-09	-1.30E-09	-1.30E-09	-1.30E-09
URI (Δ CDF)					-9.90E-10	-1.00E-10	-1.00E-10	-1.00E-10
PLE					NO	NO	NO	NO
Indicator value					-2.49E-09	-1.40E-09	-1.40E-09	-1.40E-09

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



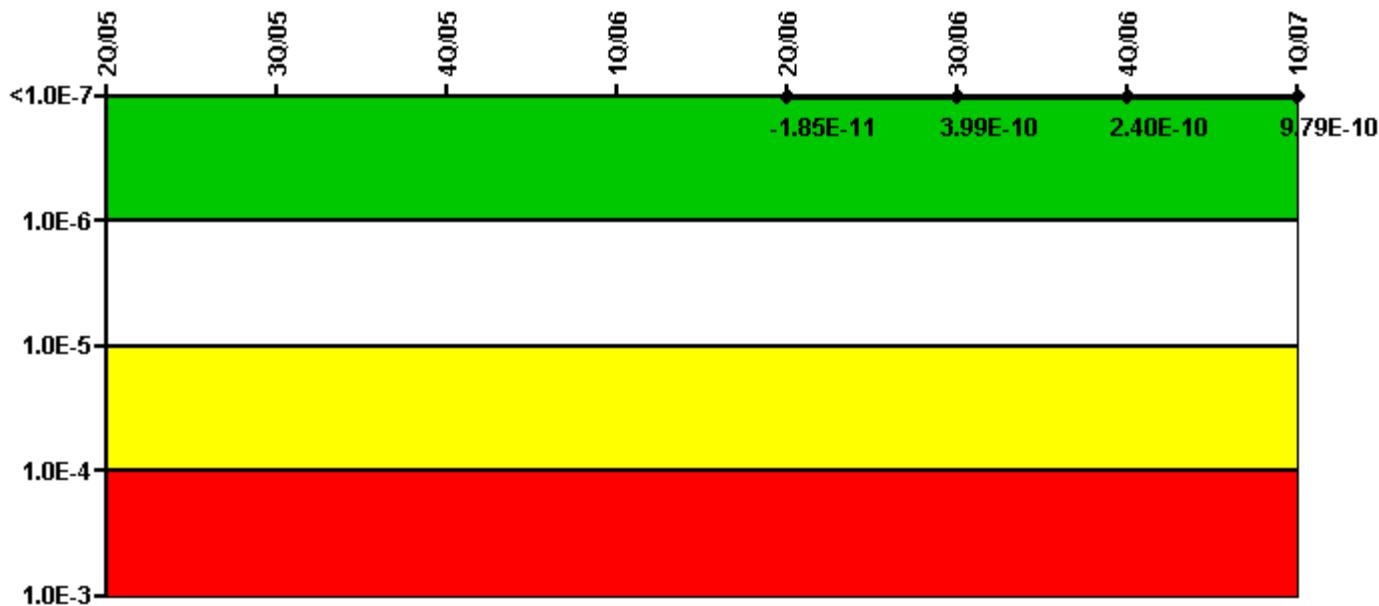
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (Δ CDF)					-9.90E-10	-8.70E-10	-1.10E-09	3.10E-10
URI (Δ CDF)					-1.80E-09	-1.50E-09	-1.50E-09	-1.50E-09
PLE					NO	NO	NO	NO
Indicator value					-2.79E-09	-2.37E-09	-2.60E-09	-1.19E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



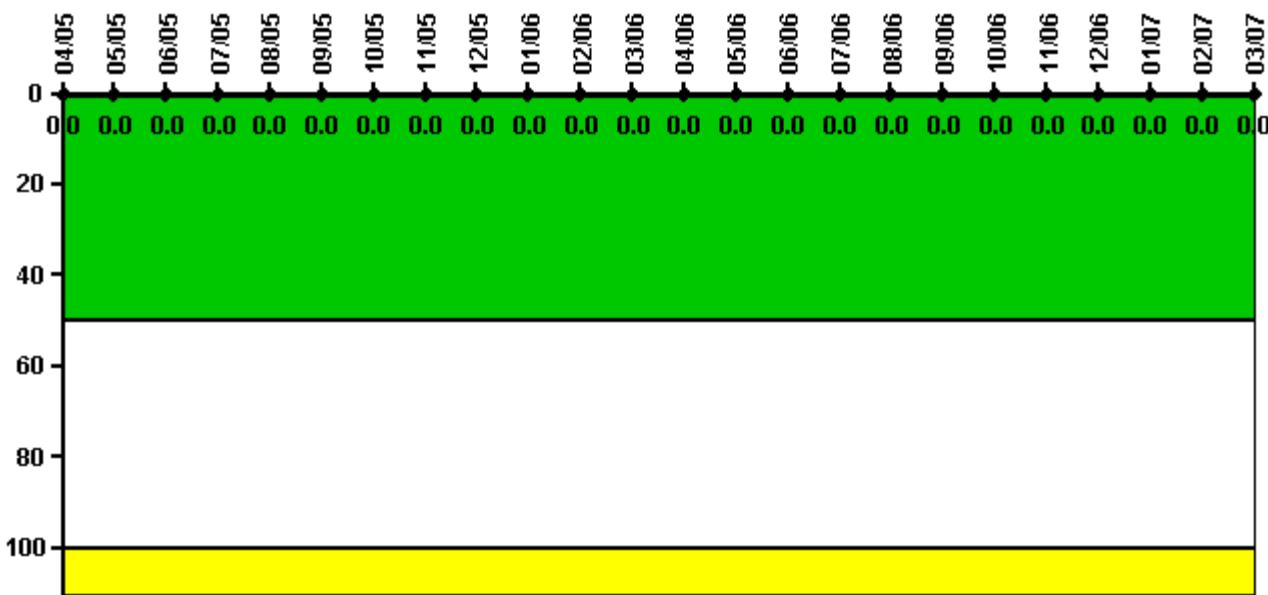
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)					6.50E-12	4.20E-10	2.60E-10	1.00E-09
URI (Δ CDF)					-2.50E-11	-2.10E-11	-2.00E-11	-2.10E-11
PLE					NO	NO	NO	NO
Indicator value					-1.85E-11	3.99E-10	2.40E-10	9.79E-10

Licensee Comments: none

Reactor Coolant System Activity



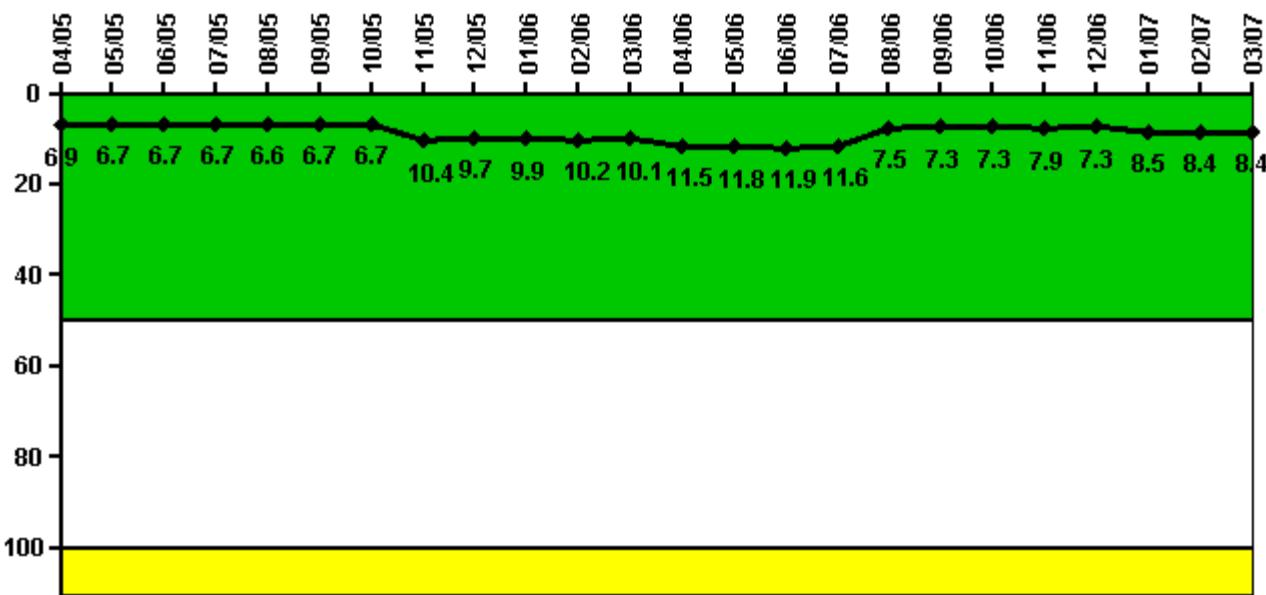
Thresholds: White > 50.0 Yellow > 100.0

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	0.000006	0.000005	0.000005	0.000006	0.000006	0.000007	0.000012	0.000004	0.000005	0.000005	0.000005	0.000004
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0											
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	0.000004	0.000004	0.000004	0.000004	0.000003	0.000003	0.000003	0.000004	0.000004	0.000003	0.000003	0.000003
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0											

Licensee Comments: none

Reactor Coolant System Leakage



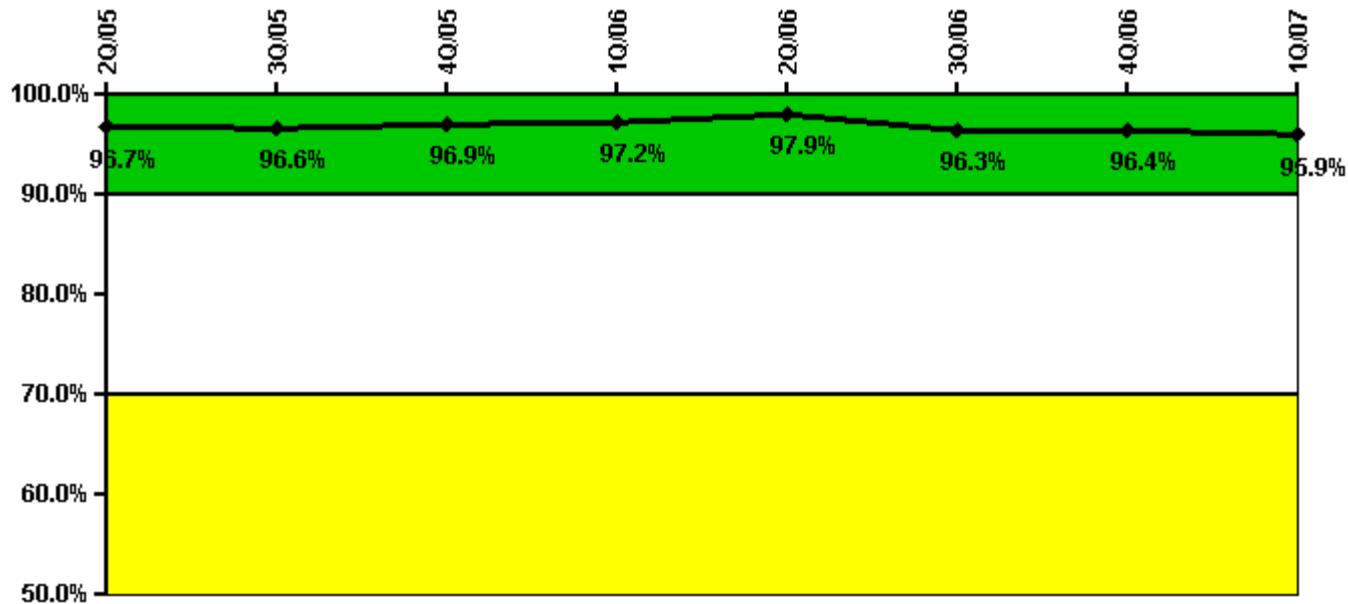
Thresholds: White > 50.0 Yellow > 100.0

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	1.717	1.687	1.687	1.670	1.658	1.663	1.668	2.600	2.423	2.482	2.550	2.515
Indicator value	6.9	6.7	6.7	6.7	6.6	6.7	6.7	10.4	9.7	9.9	10.2	10.1
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	2.877	2.945	2.978	2.900	1.867	1.832	1.832	1.965	1.813	2.113	2.093	2.100
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	11.5	11.8	11.9	11.6	7.5	7.3	7.3	7.9	7.3	8.5	8.4	8.4

Licensee Comments: none

Drill/Exercise Performance



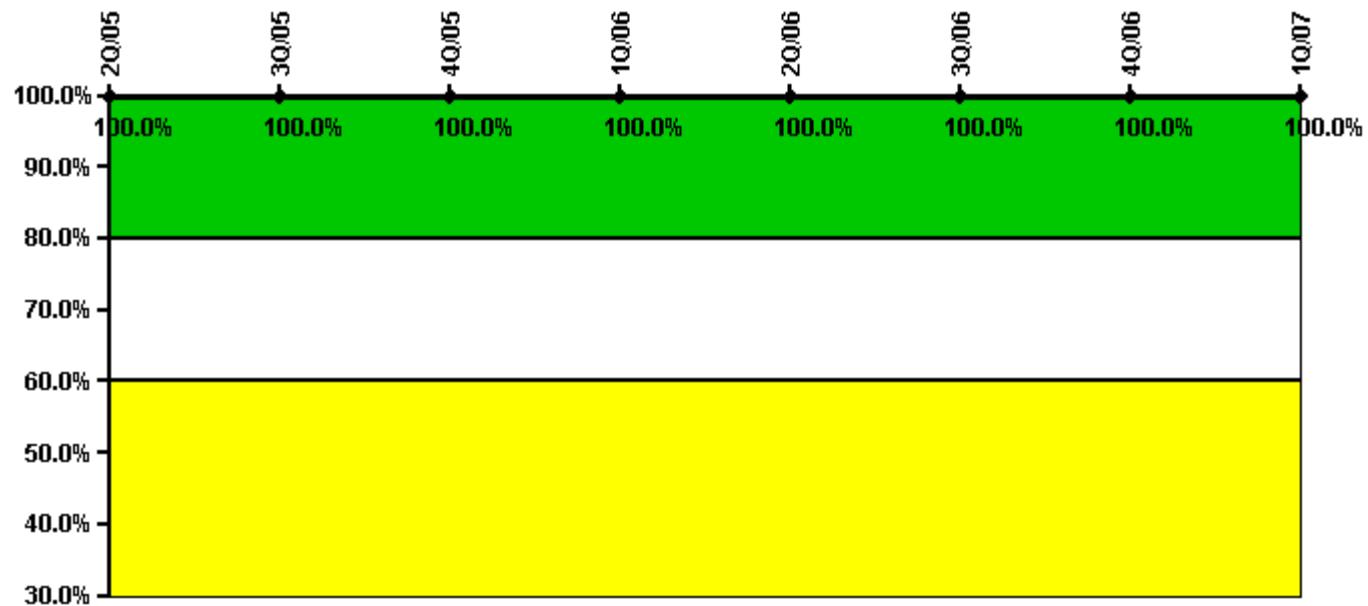
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Successful opportunities	24.0	26.0	47.0	48.0	38.0	14.0	12.0	50.0
Total opportunities	26.0	27.0	48.0	48.0	38.0	19.0	12.0	52.0
Indicator value	96.7%	96.6%	96.9%	97.2%	97.9%	96.3%	96.4%	95.9%

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	62.0	63.0	64.0	69.0	66.0	65.0	66.0	63.0
Total Key personnel	62.0	63.0	64.0	69.0	66.0	65.0	66.0	63.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



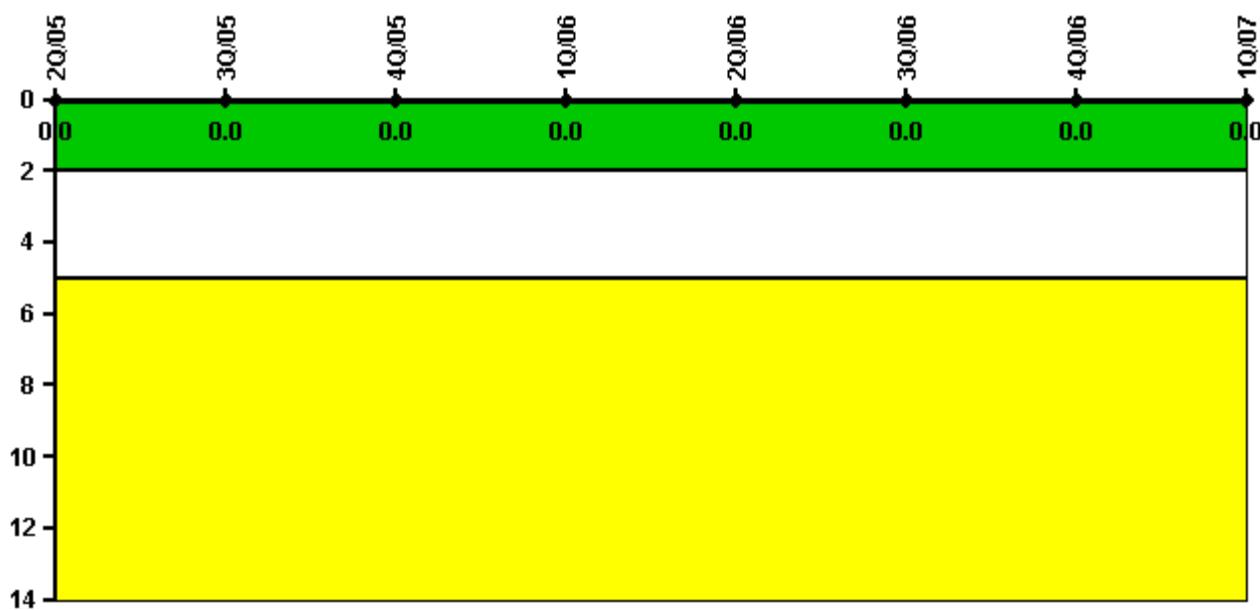
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Successful siren-tests	4972	4966	4988	5061	4979	4971	4902	4985
Total sirens-tests	4991	4992	4992	5070	4991	4992	4914	4992
Indicator value	99.6%	99.7%	99.7%	99.7%	99.7%	99.8%	99.7%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



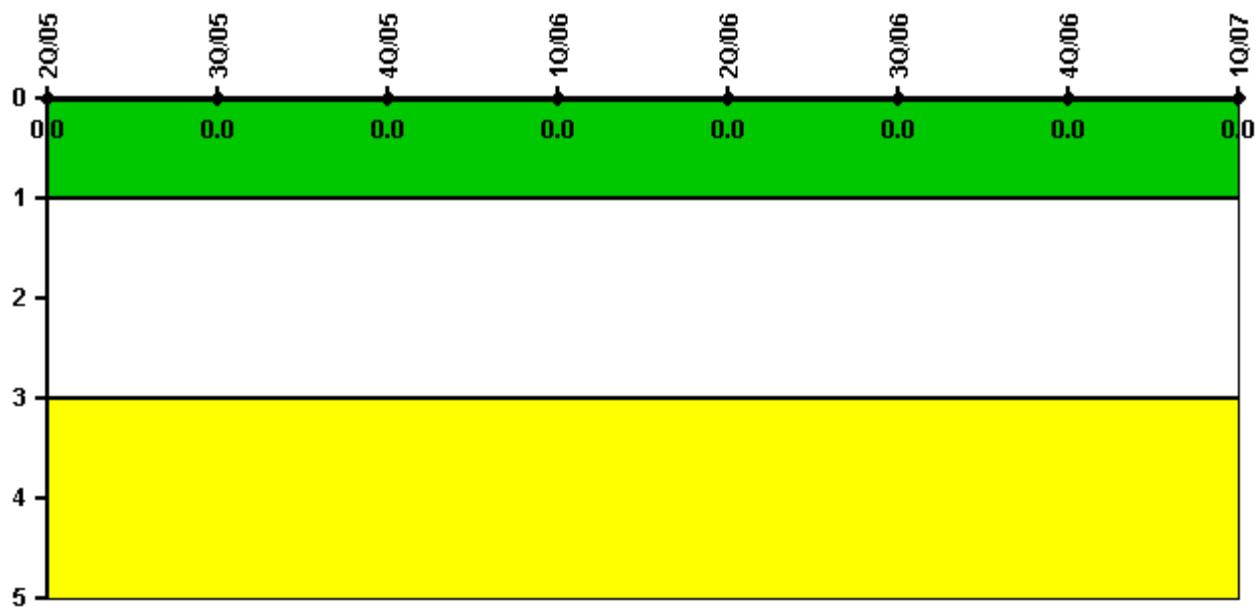
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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

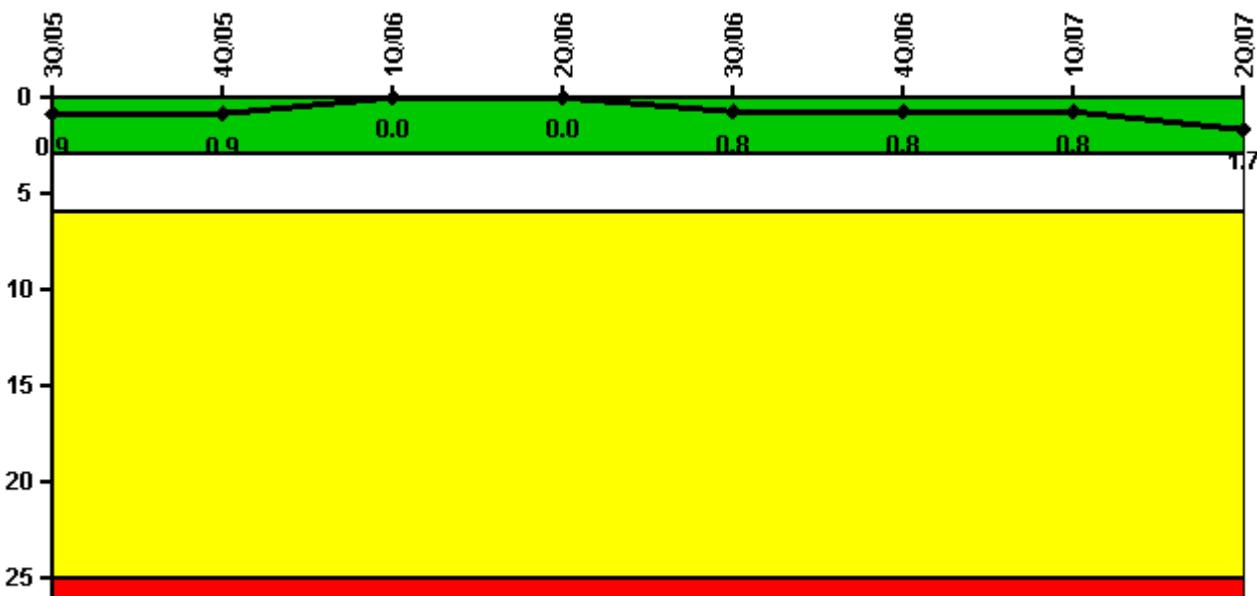
[Physical Protection](#) information not publicly available.

Dresden 2

2Q/2007 Performance Indicators

Licensee's General Comments: SEE EMBEDDED COMMENT FOR MS08 INDICATOR

Unplanned Scrams per 7000 Critical Hrs



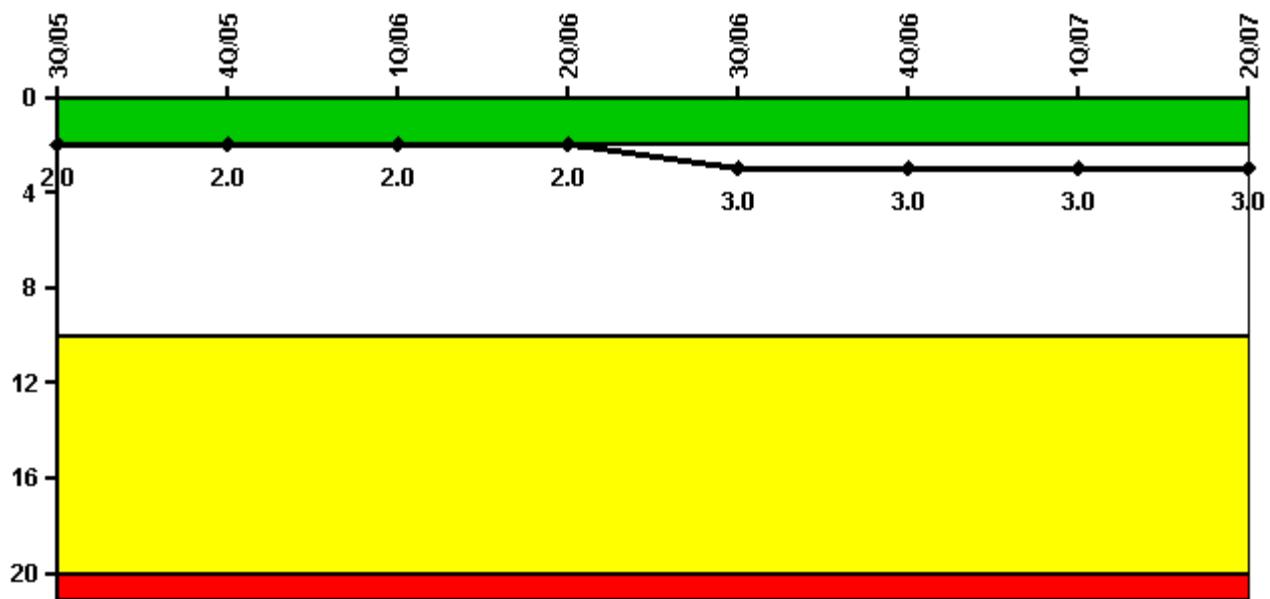
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	1.0
Critical hours	1882.2	1735.1	2160.0	2183.0	2168.9	2003.2	2159.0	2117.1
Indicator value	0.9	0.9	0	0	0.8	0.8	0.8	1.7

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



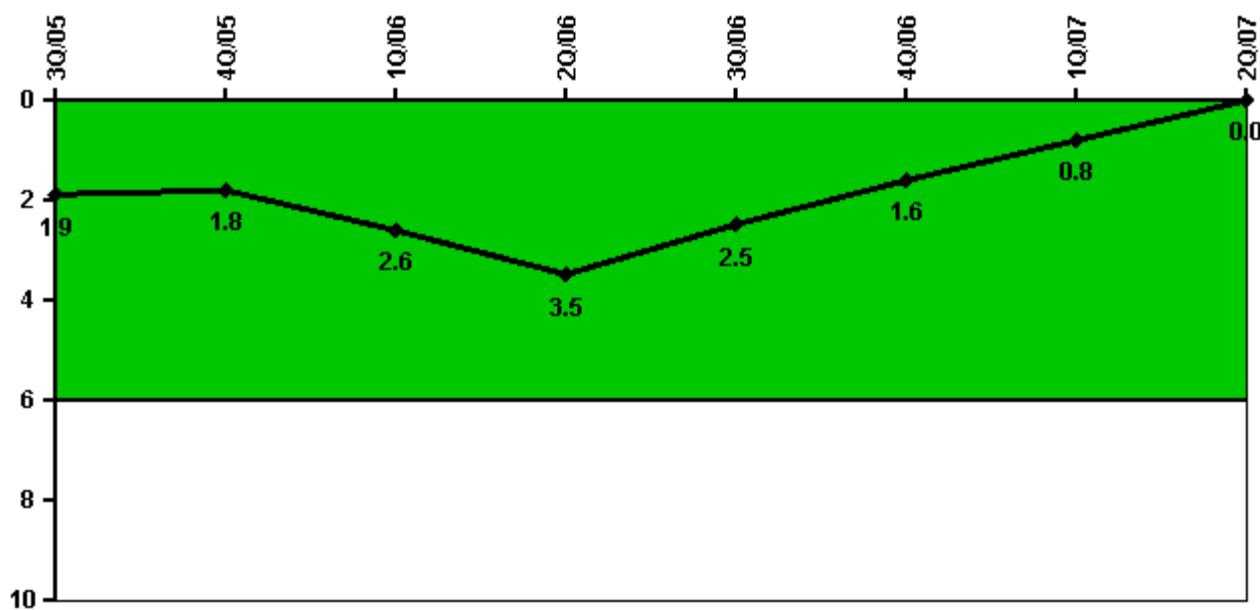
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Scrams	0	0	0	0	1.0	0	0	1.0
Indicator value	2.0	2.0	2.0	2.0	3.0	3.0	3.0	3.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



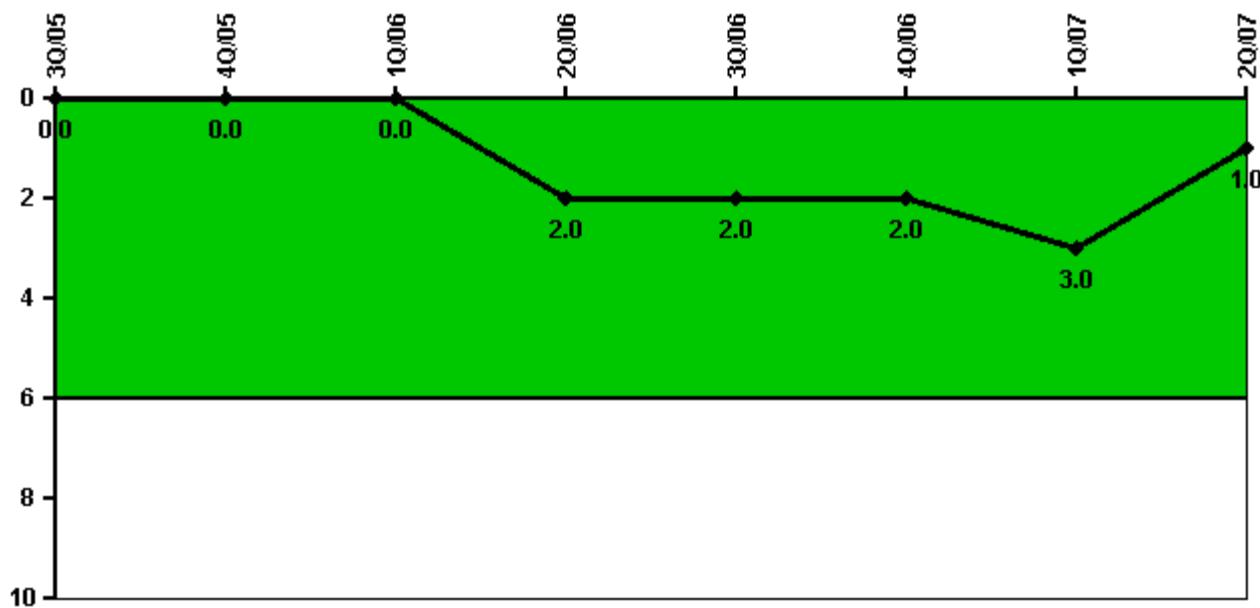
Thresholds: White > 6.0

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	1.0	1.0	1.0	1.0	0	0	0	0
Critical hours	1882.2	1735.1	2160.0	2183.0	2168.9	2003.2	2159.0	2117.1
Indicator value	1.9	1.8	2.6	3.5	2.5	1.6	0.8	0

Licensee Comments: none

Safety System Functional Failures (BWR)



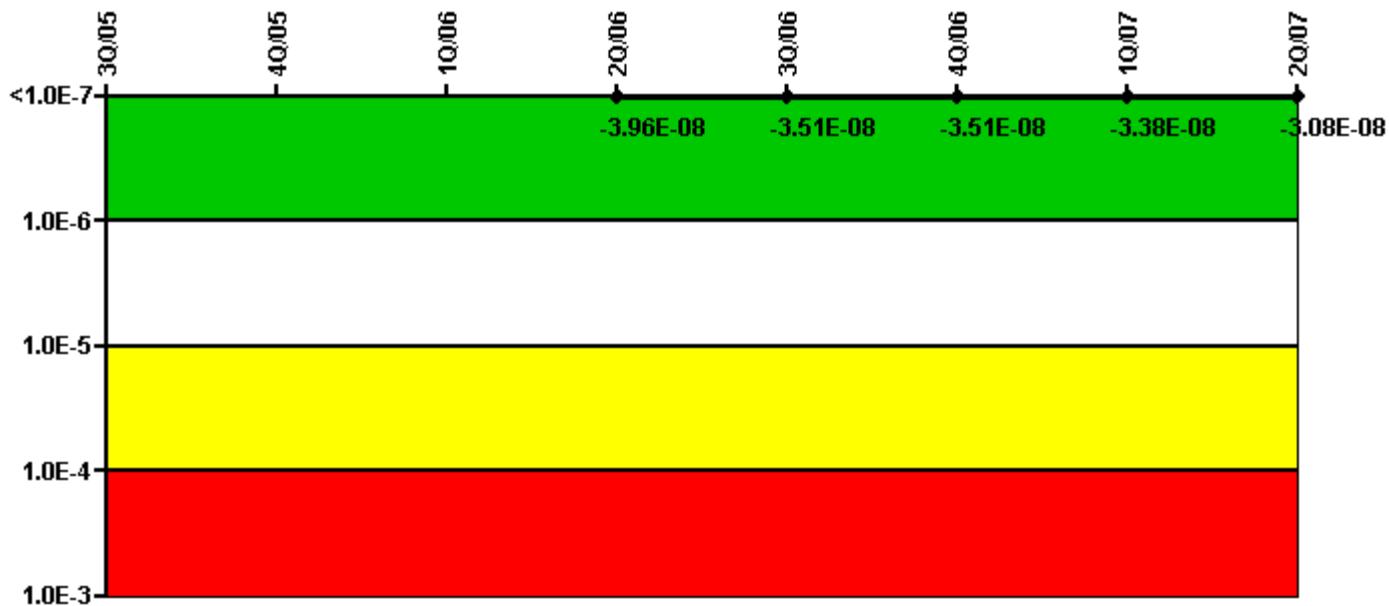
Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



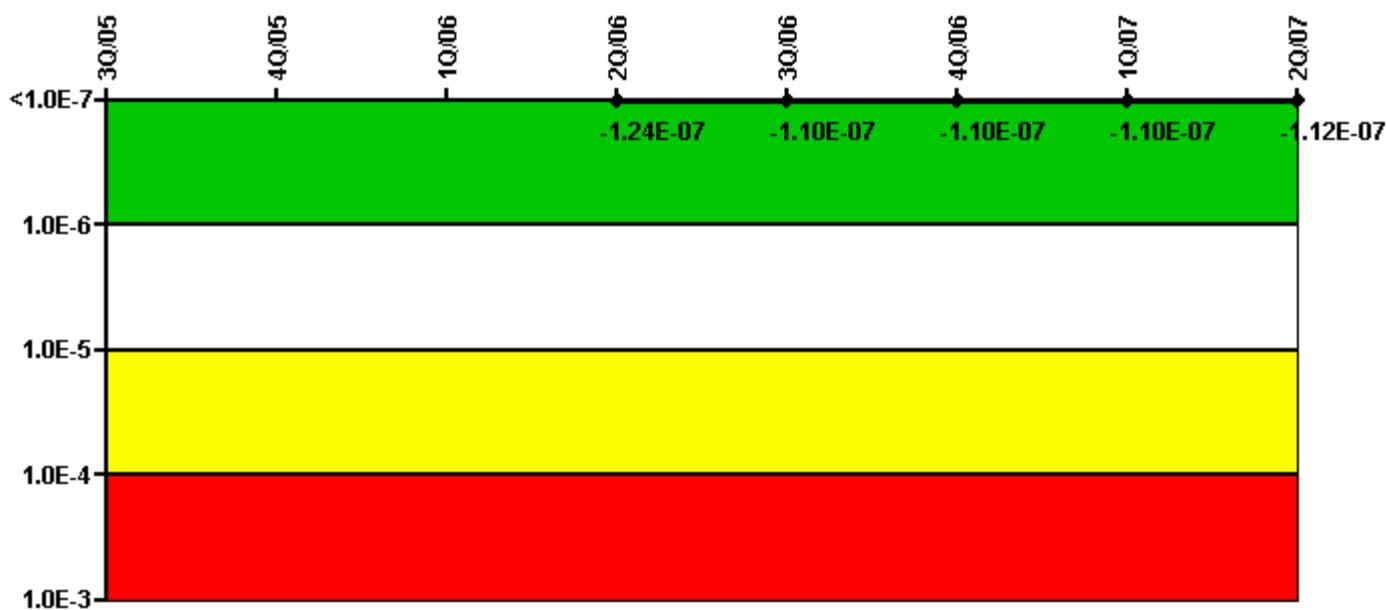
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (Δ CDF)				-4.60E-09	-4.10E-09	-4.10E-09	-1.80E-09	2.20E-09
URI (Δ CDF)				-3.50E-08	-3.10E-08	-3.10E-08	-3.20E-08	-3.30E-08
PLE				NO	NO	NO	NO	NO
Indicator value				-3.96E-08	-3.51E-08	-3.51E-08	-3.38E-08	-3.08E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



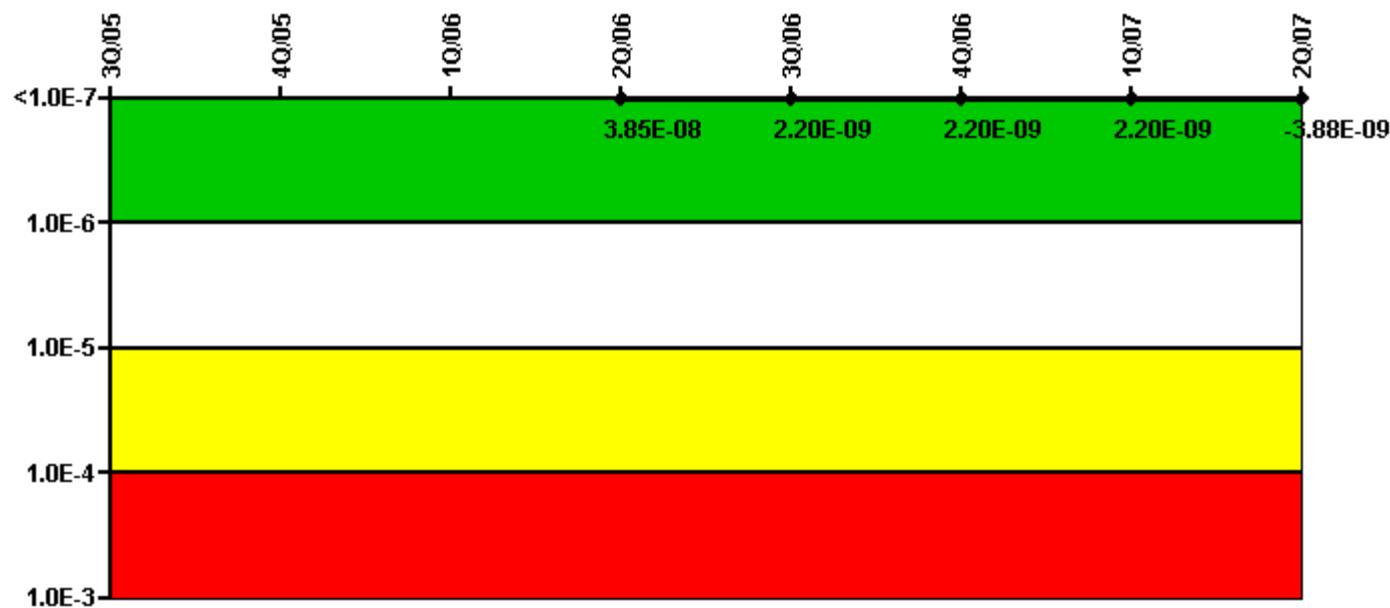
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (Δ CDF)				-5.20E-08	-4.60E-08	-4.60E-08	-4.60E-08	-4.60E-08
URI (Δ CDF)				-7.20E-08	-6.40E-08	-6.40E-08	-6.40E-08	-6.60E-08
PLE				NO	NO	NO	NO	NO
Indicator value				-1.24E-07	-1.10E-07	-1.10E-07	-1.10E-07	-1.12E-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/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (ΔCDF)				-1.50E-09	-1.30E-09	-1.30E-09	-1.30E-09	-3.80E-09
URI (ΔCDF)				4.00E-08	3.50E-09	3.50E-09	3.50E-09	-7.80E-11
PLE				NO	NO	NO	NO	NO
Indicator value				3.85E-08	2.20E-09	2.20E-09	2.20E-09	-3.88E-09

Licensee Comments:

2Q/07: URI values for the past four reporting periods (Q2/2006, Q3/2006, Q4/2006, and Q1/2007) are different than those previously reported due to correction made to failure data regarding an April 2004 event.

1Q/07: URI values for this reporting period (Q1/2007) and the previous three reporting periods subsequently changed due to correction to failure data regarding an April 2004 event.

4Q/06: URI values for this reporting period changed due to correction to failure data regarding an April 2004 event.

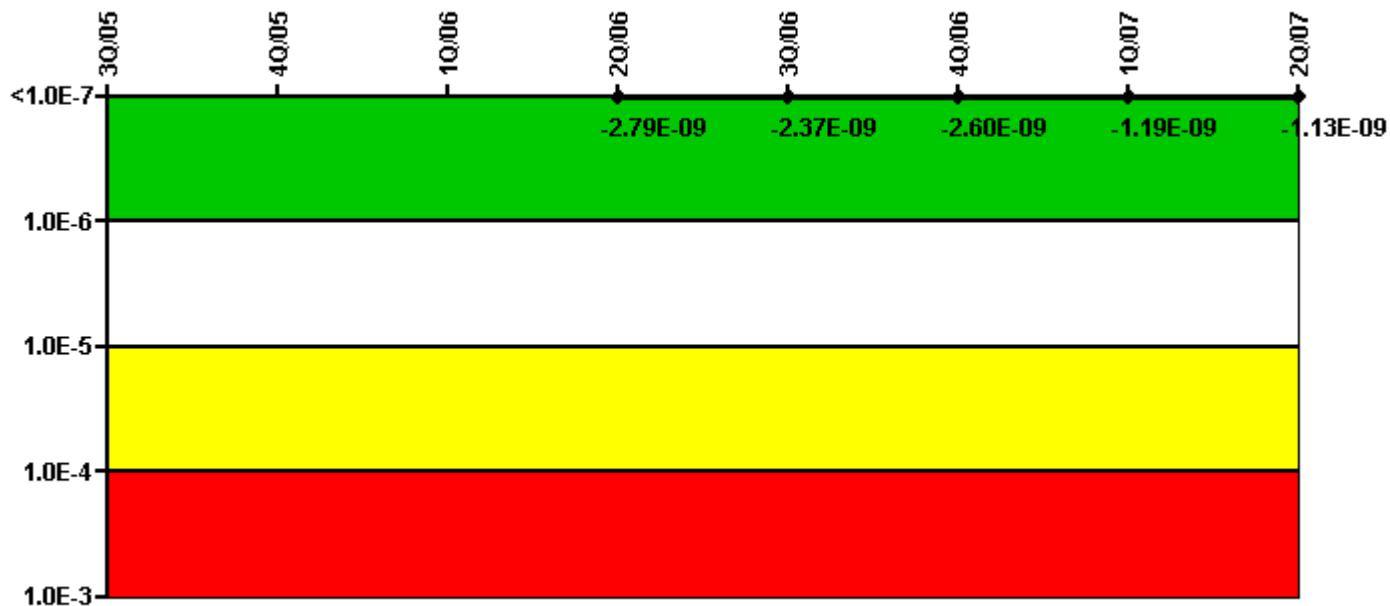
3Q/06: Revised Baseline Unavailability. URI values for this reporting period changed due to correction to failure data regarding an April 2004 event.

3Q/06: Revised Baseline Unavailability

2Q/06: Baseline Unavailability was corrected. URI values for this reporting period changed due to correction to failure data regarding an April 2004 event.

2Q/06: Baseline Unavailability was corrected.

Mitigating Systems Performance Index, Residual Heat Removal System



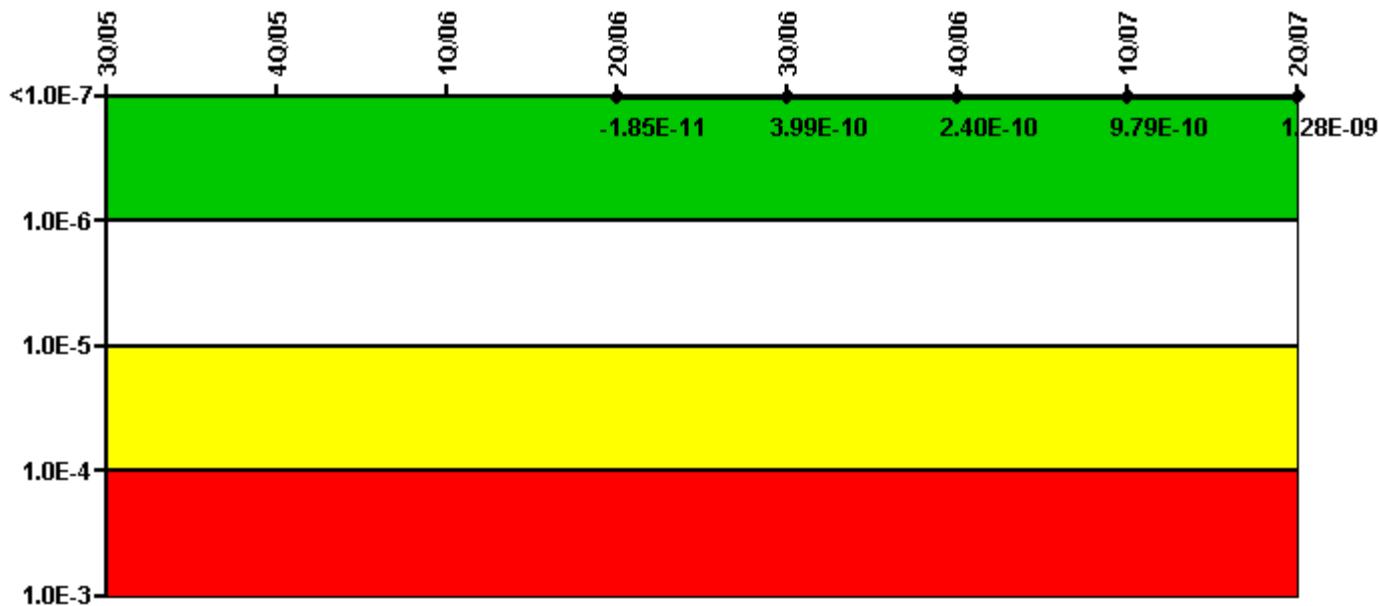
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)				-9.90E-10	-8.70E-10	-1.10E-09	3.10E-10	3.70E-10
URI (Δ CDF)				-1.80E-09	-1.50E-09	-1.50E-09	-1.50E-09	-1.50E-09
PLE				NO	NO	NO	NO	NO
Indicator value				-2.79E-09	-2.37E-09	-2.60E-09	-1.19E-09	-1.13E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



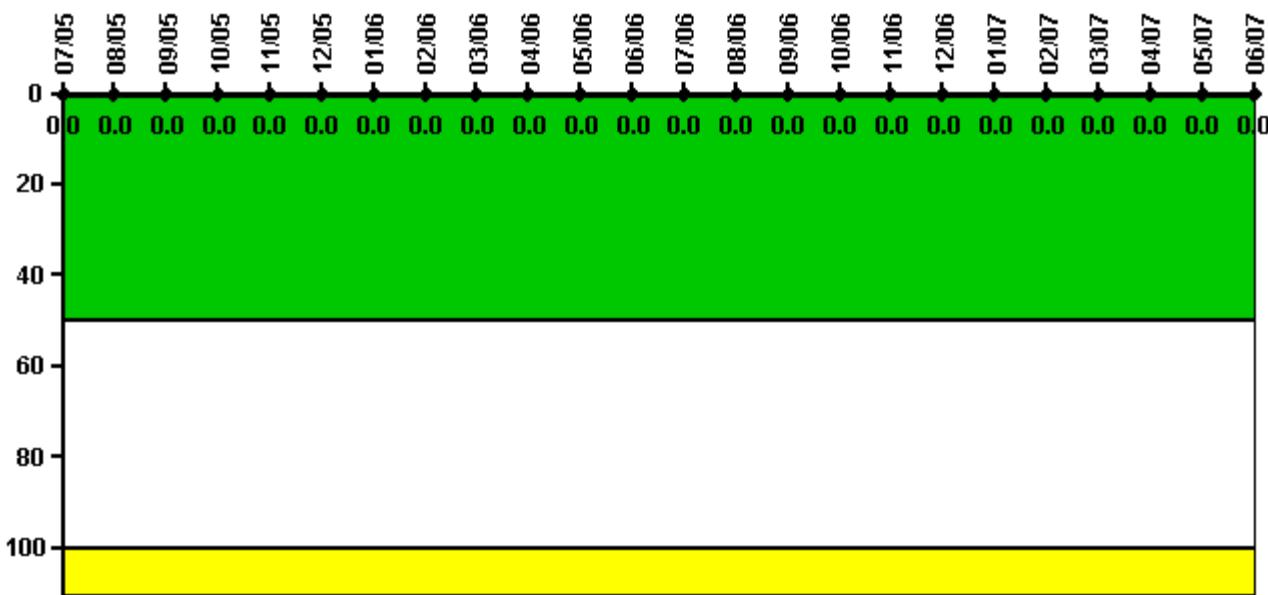
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

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 (ΔCDF)				$6.50E-12$	$4.20E-10$	$2.60E-10$	$1.00E-09$	$1.30E-09$
URI (ΔCDF)				$-2.50E-11$	$-2.10E-11$	$-2.00E-11$	$-2.10E-11$	$-2.10E-11$
PLE				NO	NO	NO	NO	NO
Indicator value				$-1.85E-11$	$3.99E-10$	$2.40E-10$	$9.79E-10$	$1.28E-09$

Licensee Comments: none

Reactor Coolant System Activity



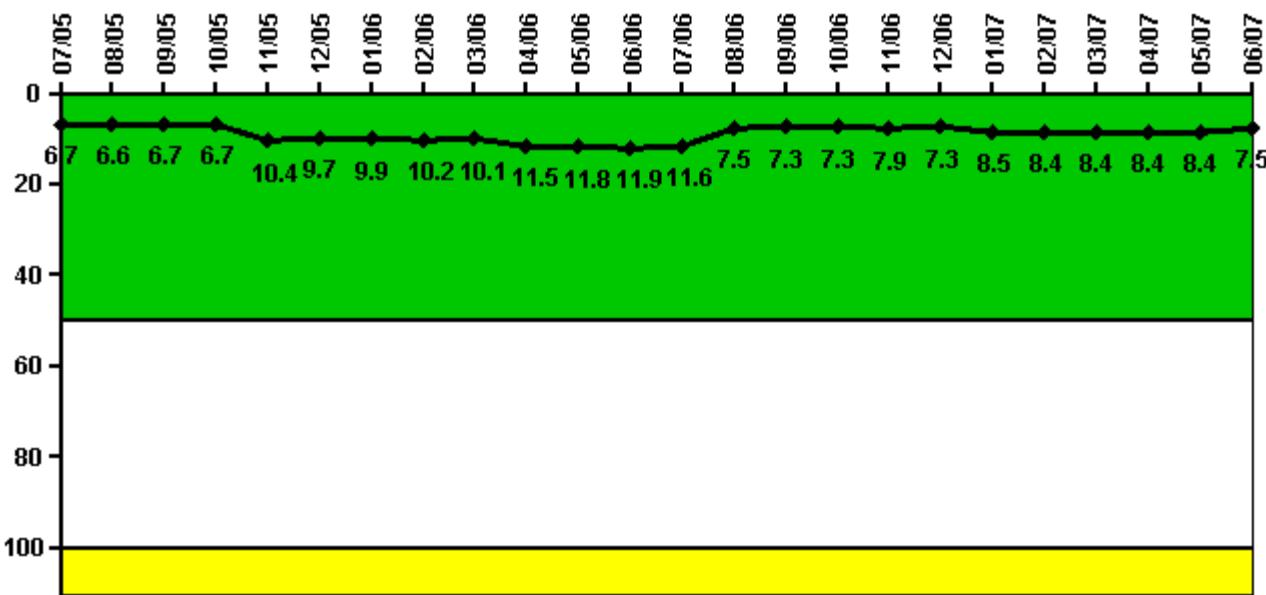
Thresholds: White > 50.0 Yellow > 100.0

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	0.000006	0.000006	0.000007	0.000012	0.000004	0.000005	0.000005	0.000005	0.000004	0.000004	0.000004	0.000004
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	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	0.000004	0.000003	0.000003	0.000003	0.000004	0.000004	0.000003	0.000003	0.000003	0.000003	0.000007	0.000009
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



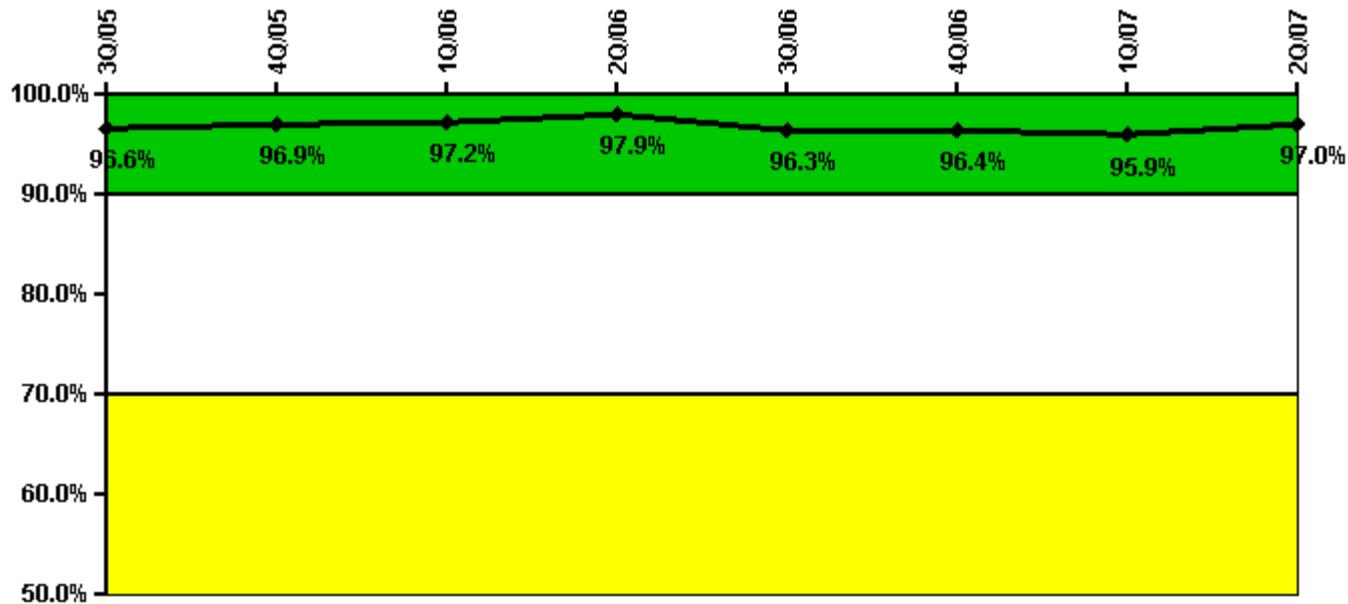
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06
Maximum leakage	1.670	1.658	1.663	1.668	2.600	2.423	2.482	2.550	2.515	2.877	2.945	2.978
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	6.7	6.6	6.7	6.7	10.4	9.7	9.9	10.2	10.1	11.5	11.8	11.9
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	2.900	1.867	1.832	1.832	1.965	1.813	2.113	2.093	2.100	2.102	2.110	1.867
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	11.6	7.5	7.3	7.3	7.9	7.3	8.5	8.4	8.4	8.4	8.4	7.5

Licensee Comments: none

Drill/Exercise Performance



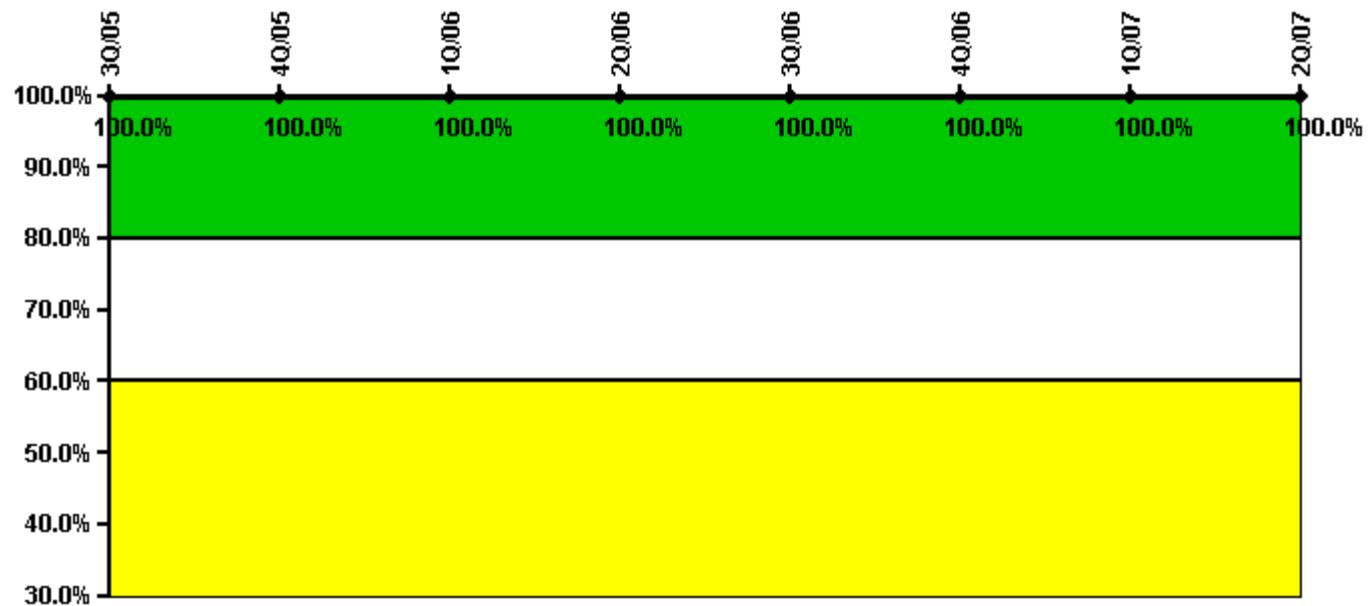
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Successful opportunities	26.0	47.0	48.0	38.0	14.0	12.0	50.0	54.0
Total opportunities	27.0	48.0	48.0	38.0	19.0	12.0	52.0	54.0
Indicator value	96.6%	96.9%	97.2%	97.9%	96.3%	96.4%	95.9%	97.0%

Licensee Comments: none

ERO Drill Participation



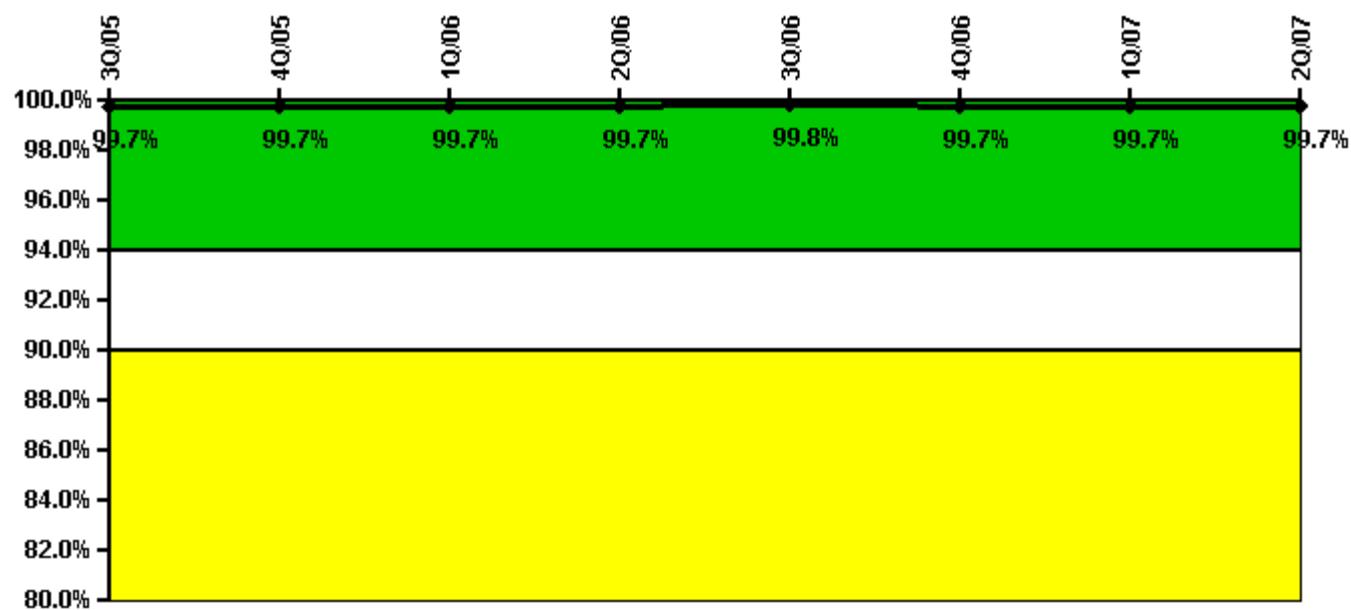
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Participating Key personnel	63.0	64.0	69.0	66.0	65.0	66.0	63.0	65.0
Total Key personnel	63.0	64.0	69.0	66.0	65.0	66.0	63.0	65.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



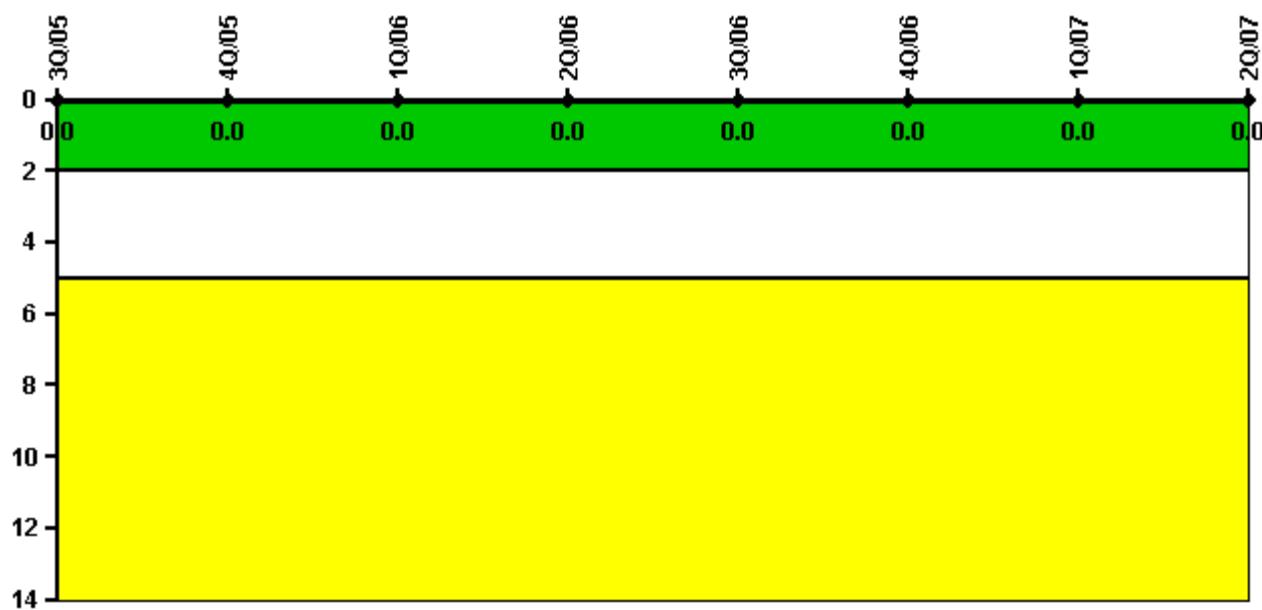
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Successful siren-tests	4966	4988	5061	4979	4971	4902	4985	4977
Total sirens-tests	4992	4992	5070	4991	4992	4914	4992	4990
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



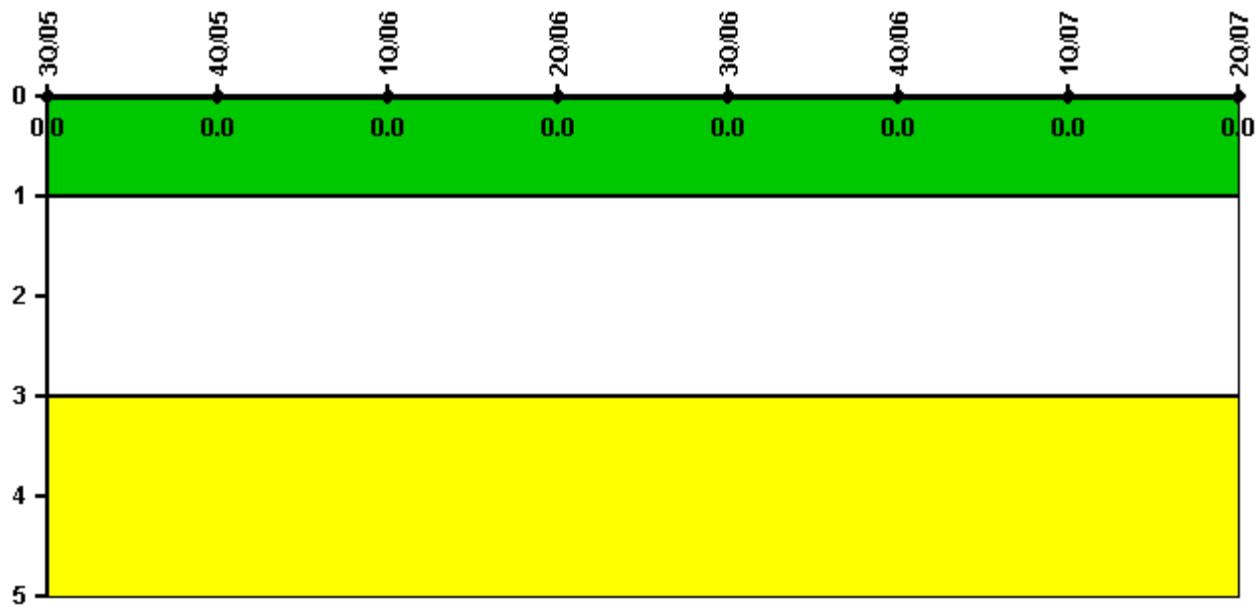
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0							

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.

Dresden 2

3Q/2007 Performance Indicators

Licensee's General Comments: CDF Value Corrected - No Changes in MSPI Color.

Unplanned Scrams per 7000 Critical Hrs



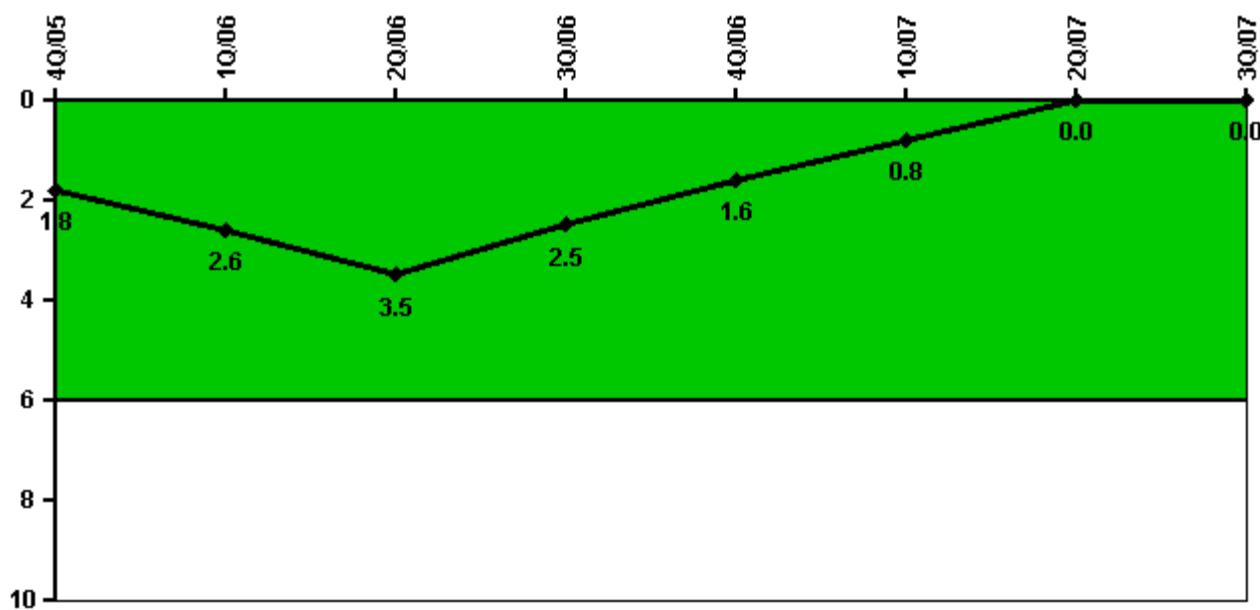
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	1.0	0
Critical hours	1735.1	2160.0	2183.0	2168.9	2003.2	2159.0	2117.1	2208.0
Indicator value	0.9	0	0	0.8	0.8	0.8	1.7	0.8

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



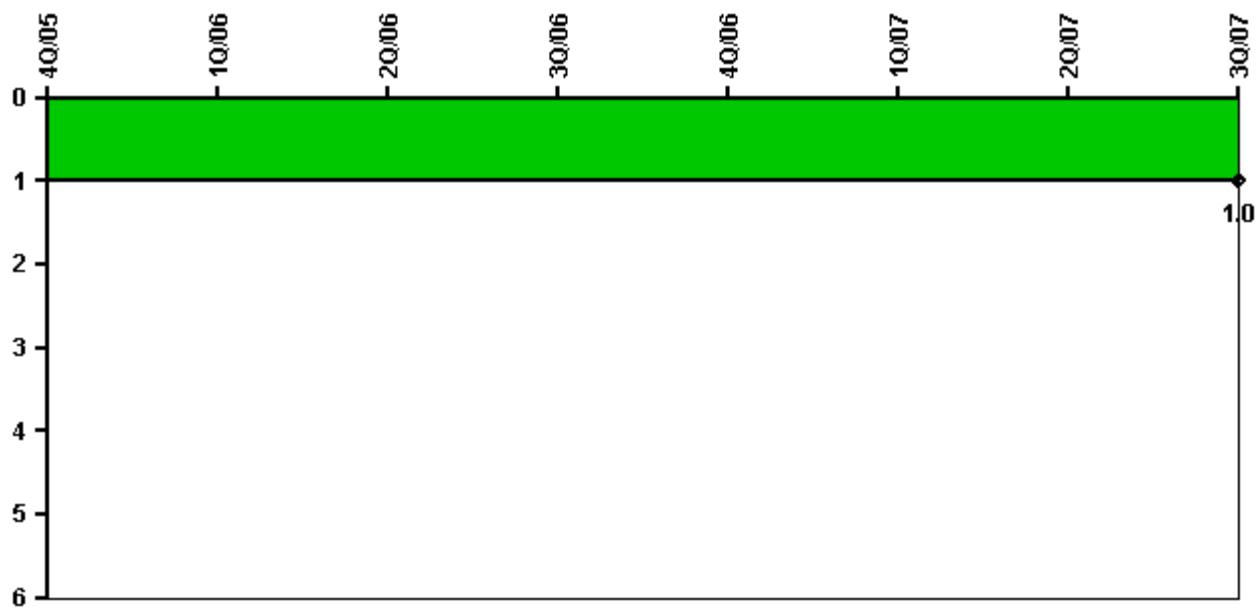
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Unplanned power changes	1.0	1.0	1.0	0	0	0	0	0
Critical hours	1735.1	2160.0	2183.0	2168.9	2003.2	2159.0	2117.1	2208.0
Indicator value	1.8	2.6	3.5	2.5	1.6	0.8	0	0

Licensee Comments: none

Unplanned Scrams with Complications



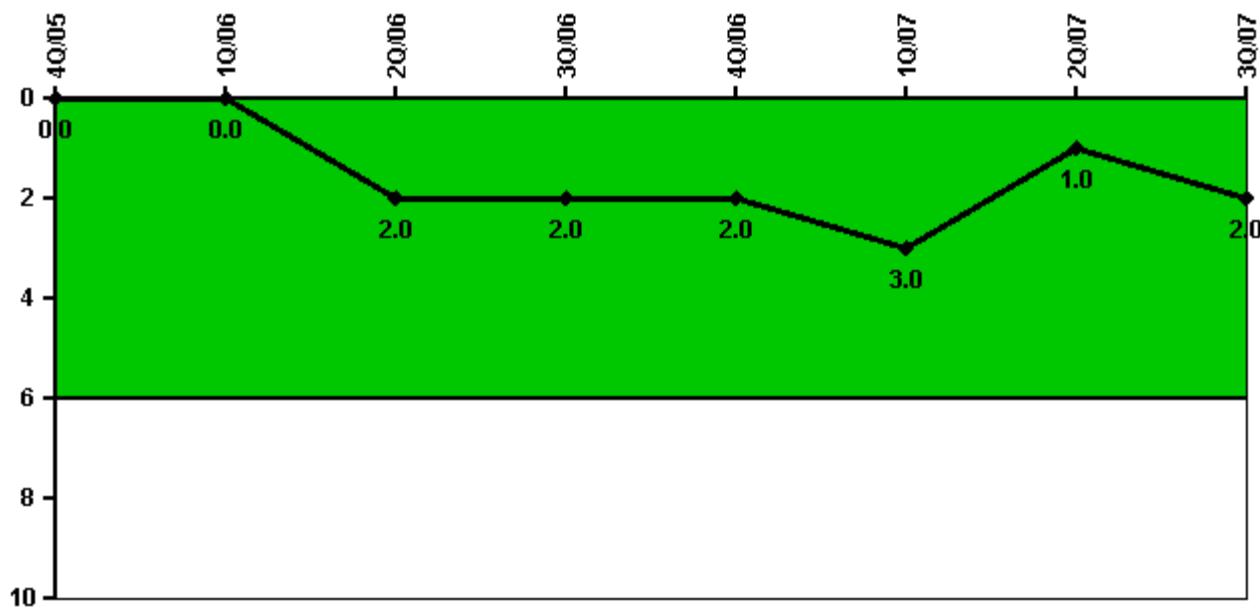
Thresholds: White > 1.0

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	1.0	0
Indicator value								1.0

Licensee Comments: none

Safety System Functional Failures (BWR)



Thresholds: White > 6.0

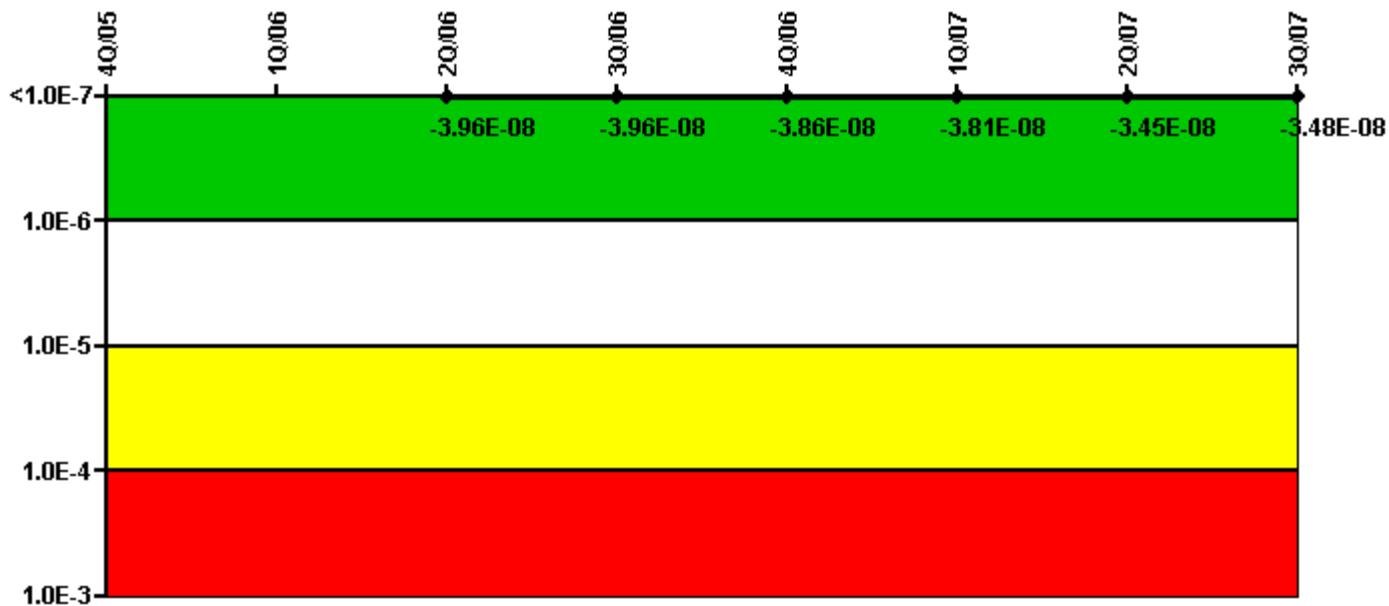
Notes

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

Licensee Comments:

3Q/07: See LER 237/2007-003-00, "Unit 2 High Pressure Coolant Injection System Declared Inoperable," for SSFF reported on 9/24/2007.

Mitigating Systems Performance Index, Emergency AC Power System



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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	
UAI (ΔCDF)				-4.60E-09	-4.60E-09	-4.60E-09	-2.10E-09	2.50E-09	2.20E-09
URI (ΔCDF)				-3.50E-08	-3.50E-08	-3.40E-08	-3.60E-08	-3.70E-08	-3.70E-08
PLE				NO	NO	NO	NO	NO	NO
Indicator value				-3.96E-08	-3.96E-08	-3.86E-08	-3.81E-08	-3.45E-08	-3.48E-08

Licensee Comments:

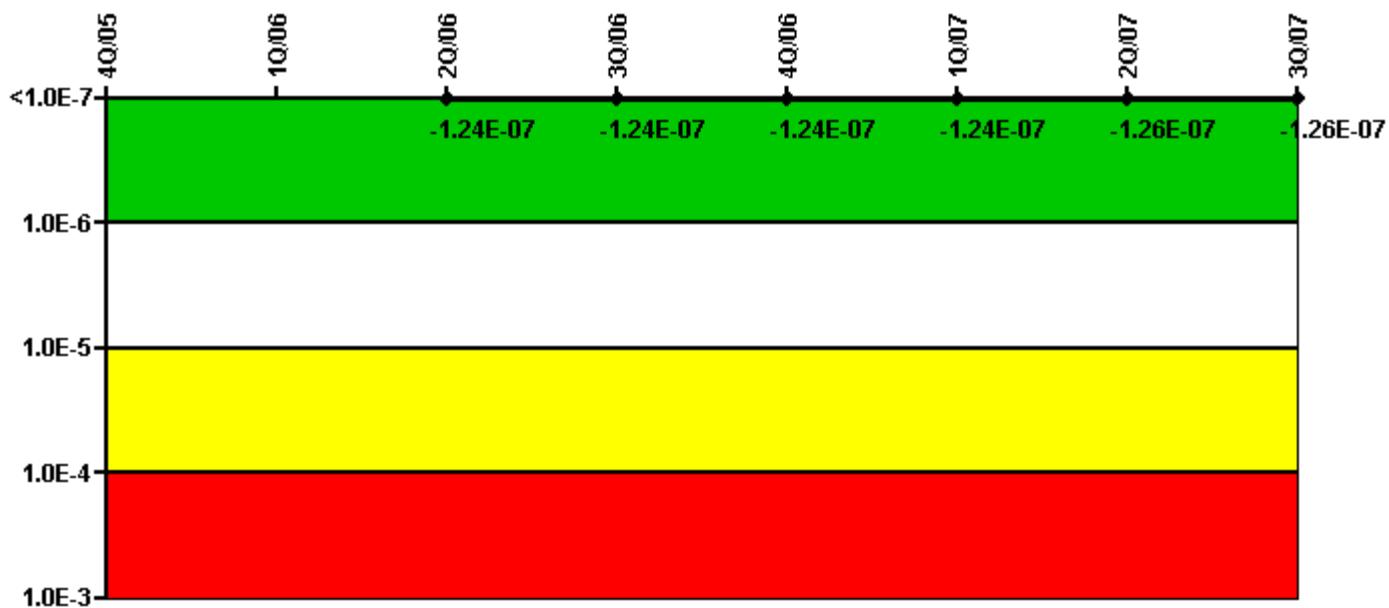
2Q/07: Changed PRA Parameter(s). CDF Value Corrected - No Changes in MSPI Color

1Q/07: Changed PRA Parameter(s). CDF Value Corrected - No Changes in MSPI Color

4Q/06: Changed PRA Parameter(s). CDF Value Corrected - No Changes in MSPI Color

3Q/06: Changed PRA Parameter(s). CDF Value Corrected - No Changes in MSPI Color

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)			-5.20E-08	-5.20E-08	-5.20E-08	-5.20E-08	-5.20E-08	-5.20E-08
URI (Δ CDF)			-7.20E-08	-7.20E-08	-7.20E-08	-7.20E-08	-7.40E-08	-7.40E-08
PLE			NO	NO	NO	NO	NO	NO
Indicator value			-1.24E-07	-1.24E-07	-1.24E-07	-1.24E-07	-1.26E-07	-1.26E-07

Licensee Comments:

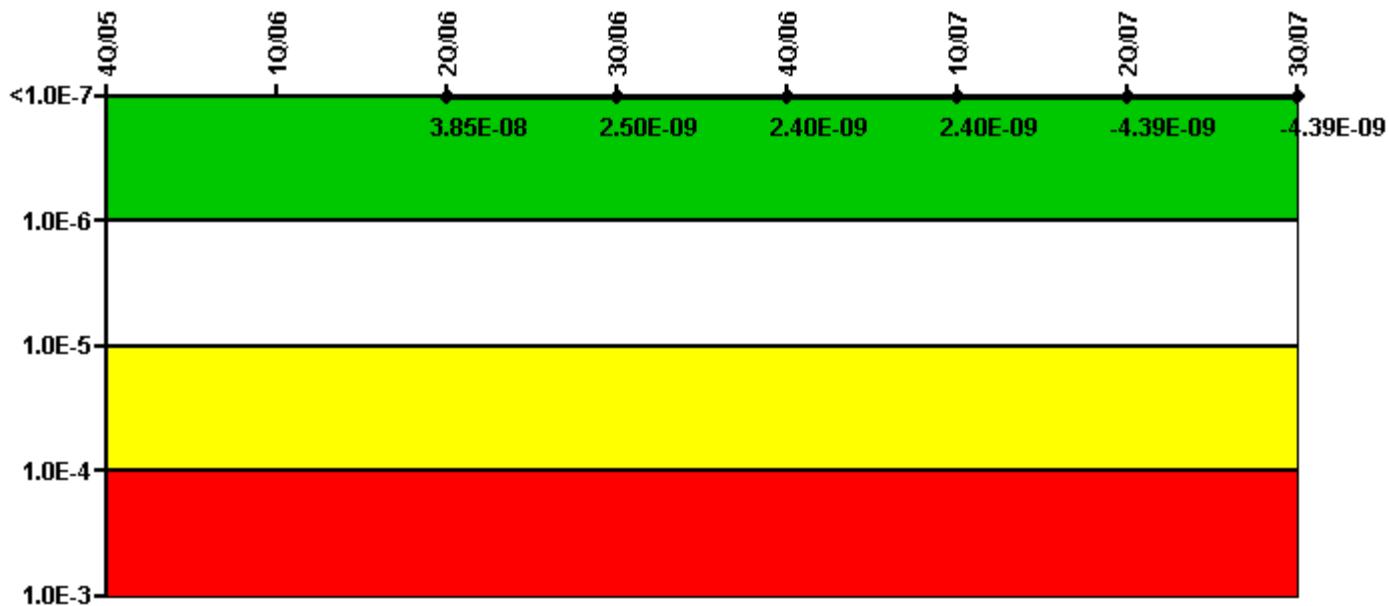
2Q/07: Changed PRA Parameter(s). CDF Value Corrected - No Changes in MSPI Color

1Q/07: Changed PRA Parameter(s). CDF Value Corrected - No Changes in MSPI Color

4Q/06: Changed PRA Parameter(s). CDF Value Corrected - No Changes in MSPI Color

3Q/06: Changed PRA Parameter(s). CDF Value Corrected - No Changes in MSPI Color

Mitigating Systems Performance Index, Heat Removal System



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

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI (ΔCDF)				-1.50E-09	-1.40E-09	-1.50E-09	-1.50E-09	-4.30E-09
URI (ΔCDF)				4.00E-08	3.90E-09	3.90E-09	3.90E-09	-8.80E-11
PLE				NO	NO	NO	NO	NO
Indicator value				3.85E-08	2.50E-09	2.40E-09	2.40E-09	-4.39E-09

Licensee Comments:

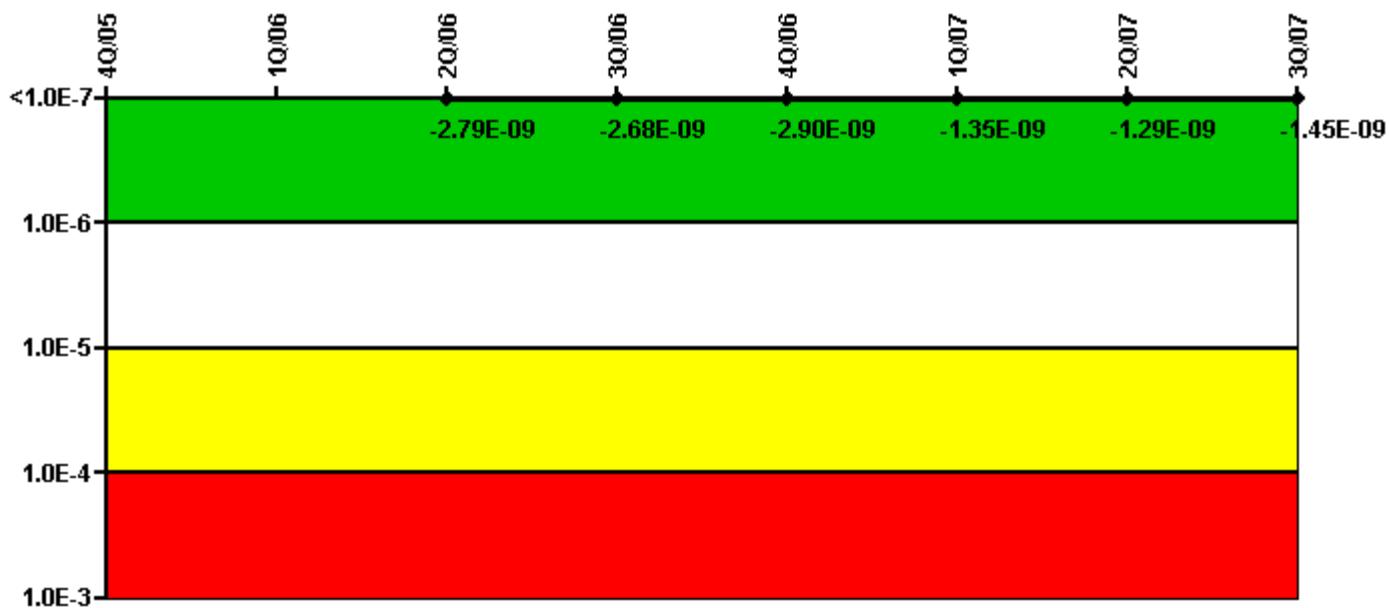
2Q/07: Changed PRA Parameter(s). CDF Value Corrected - No Changes in MSPI Color

1Q/07: Changed PRA Parameter(s). CDF Value Corrected - No Changes in MSPI Color

4Q/06: Changed PRA Parameter(s). CDF Value Corrected - No Changes in MSPI Color

3Q/06: Changed PRA Parameter(s). CDF Value Corrected - No Changes in MSPI Color regarding an April 2004 event.

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)				-9.90E-10	-9.80E-10	-1.30E-09	3.50E-10	4.10E-10
URI (ΔCDF)				-1.80E-09	-1.70E-09	-1.60E-09	-1.70E-09	-1.70E-09
PLE				NO	NO	NO	NO	NO
Indicator value				-2.79E-09	-2.68E-09	-2.90E-09	-1.35E-09	-1.29E-09

Licensee Comments:

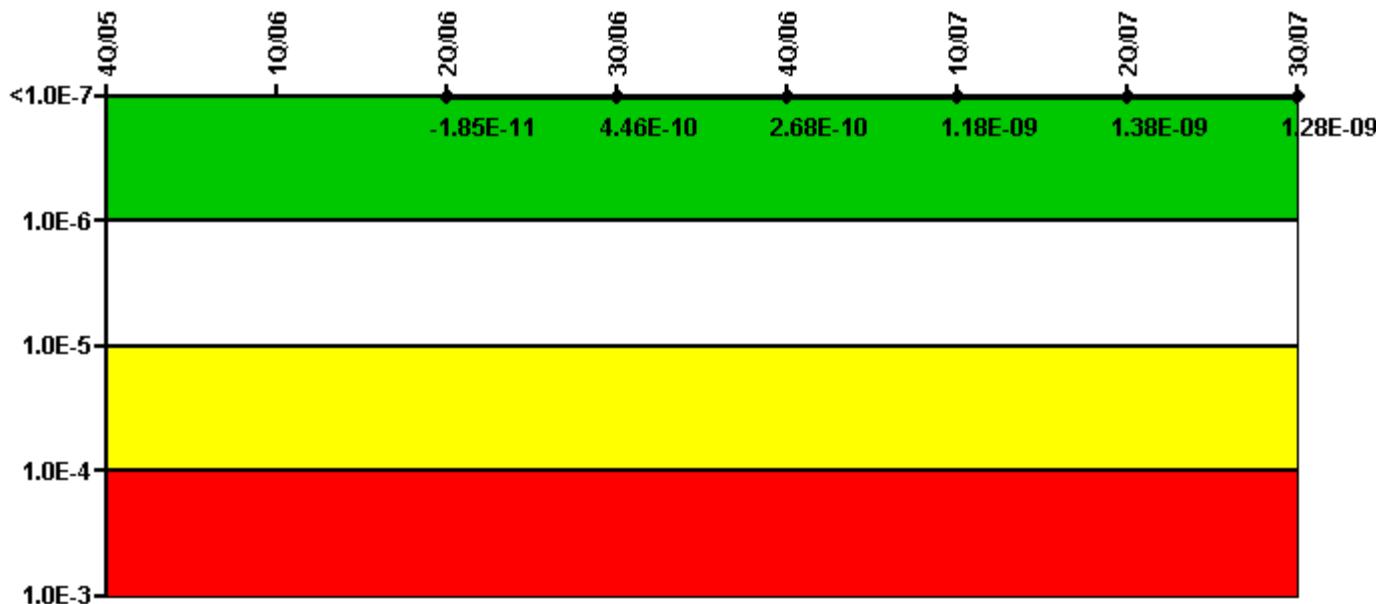
2Q/07: Changed PRA Parameter(s). CDF Value Corrected - No Changes in MSPI Color

1Q/07: Changed PRA Parameter(s). CDF Value Corrected - No Changes in MSPI Color

4Q/06: Changed PRA Parameter(s). CDF Value Corrected - No Changes in MSPI Color

3Q/06: Changed PRA Parameter(s). CDF Value Corrected - No Changes in MSPI Color

Mitigating Systems Performance Index, Cooling Water Systems



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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI (Δ CDF)			6.50E-12	4.70E-10	2.90E-10	1.20E-09	1.40E-09	1.30E-09
URI (Δ CDF)			-2.50E-11	-2.40E-11	-2.20E-11	-2.30E-11	-2.30E-11	-2.30E-11
PLE			NO	NO	NO	NO	NO	NO
Indicator value			-1.85E-11	4.46E-10	2.68E-10	1.18E-09	1.38E-09	1.28E-09

Licensee Comments:

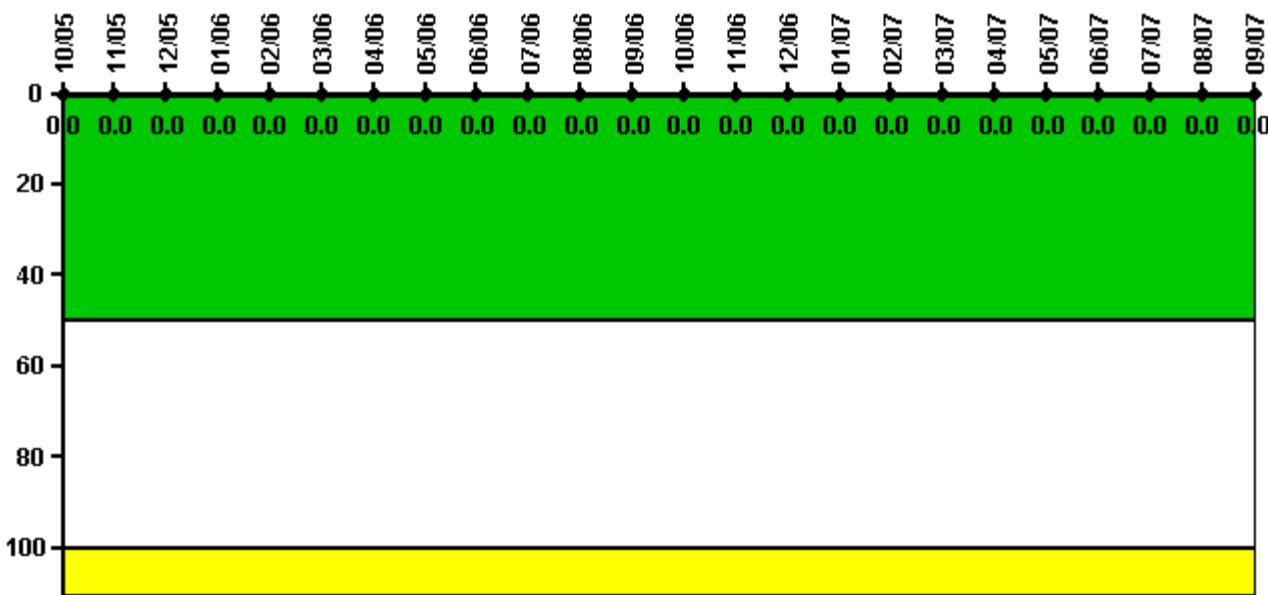
2Q/07: Changed PRA Parameter(s). CDF Value Corrected - No Changes in MSPI Color

1Q/07: Changed PRA Parameter(s). CDF Value Corrected - No Changes in MSPI Color

4Q/06: Changed PRA Parameter(s). CDF Value Corrected - No Changes in MSPI Color

3Q/06: Changed PRA Parameter(s). CDF Value Corrected - No Changes in MSPI Color

Reactor Coolant System Activity



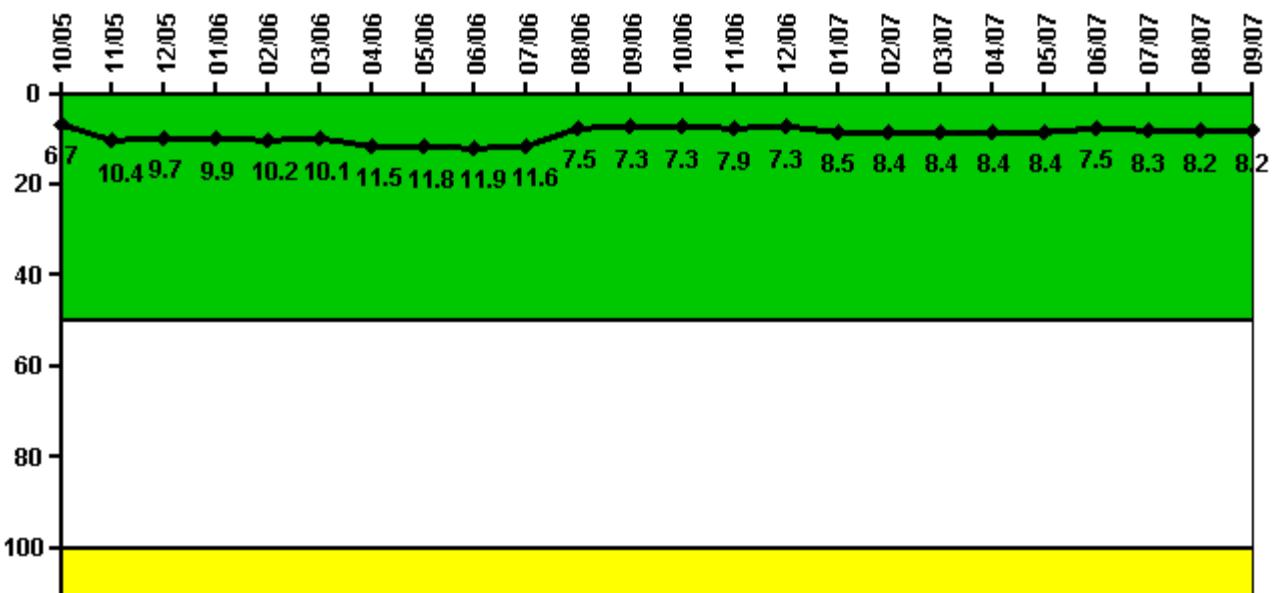
Thresholds: White > 50.0 Yellow > 100.0

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	0.000012	0.000004	0.000005	0.000005	0.000005	0.000004	0.000004	0.000004	0.000004	0.000004	0.000003	0.000003
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	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	0.000003	0.000004	0.000004	0.000003	0.000003	0.000003	0.000003	0.000007	0.000009	0.000004	0.000003	0.000005
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



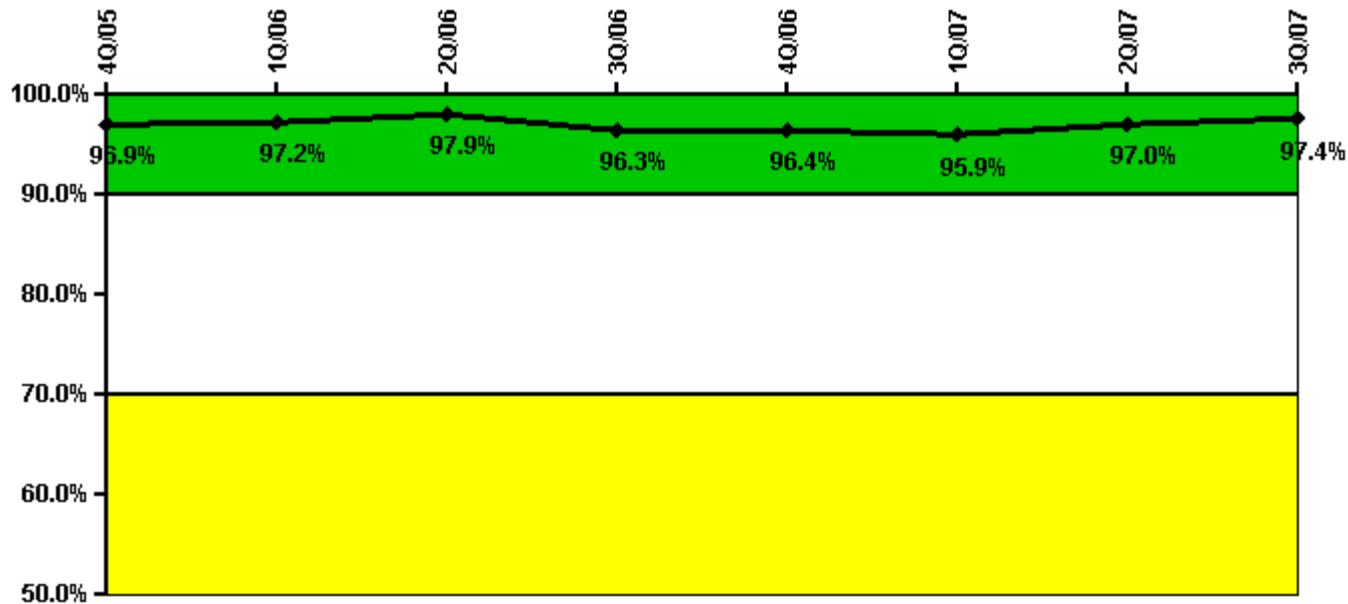
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06
Maximum leakage	1.668	2.600	2.423	2.482	2.550	2.515	2.877	2.945	2.978	2.900	1.867	1.832
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	6.7	10.4	9.7	9.9	10.2	10.1	11.5	11.8	11.9	11.6	7.5	7.3
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	1.832	1.965	1.813	2.113	2.093	2.100	2.102	2.110	1.867	2.068	2.038	2.062
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	7.3	7.9	7.3	8.5	8.4	8.4	8.4	8.4	7.5	8.3	8.2	8.2

Licensee Comments: none

Drill/Exercise Performance



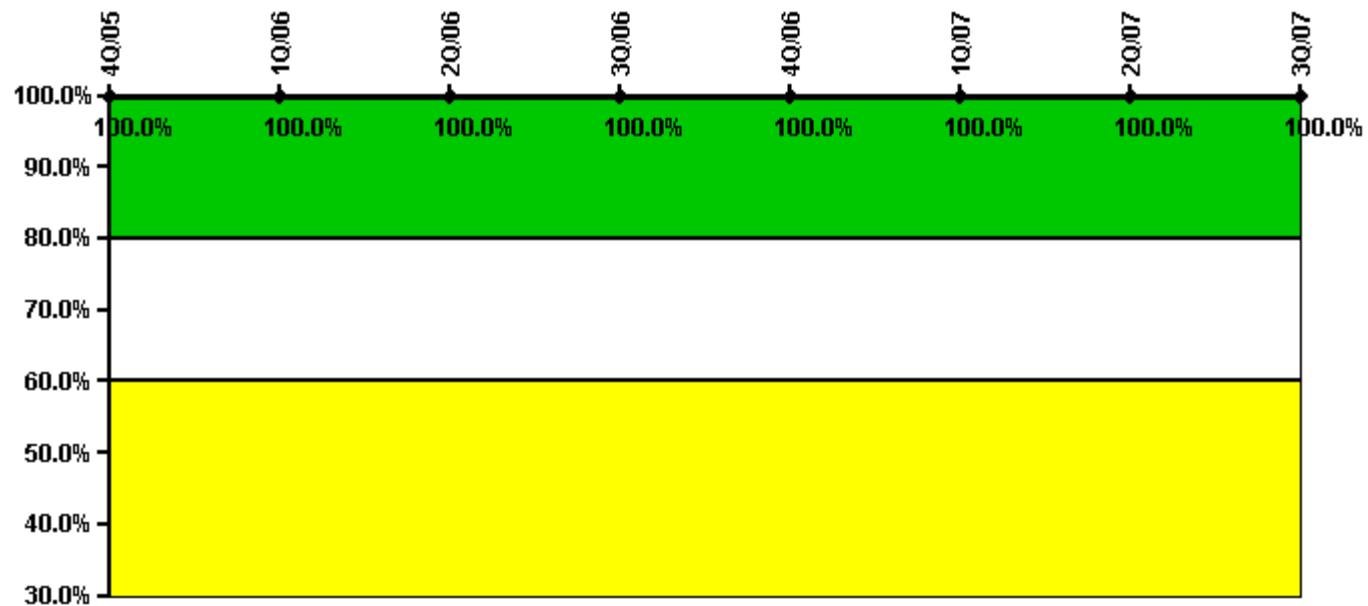
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Successful opportunities	47.0	48.0	38.0	14.0	12.0	50.0	54.0	40.0
Total opportunities	48.0	48.0	38.0	19.0	12.0	52.0	54.0	40.0
Indicator value	96.9%	97.2%	97.9%	96.3%	96.4%	95.9%	97.0%	97.4%

Licensee Comments: none

ERO Drill Participation



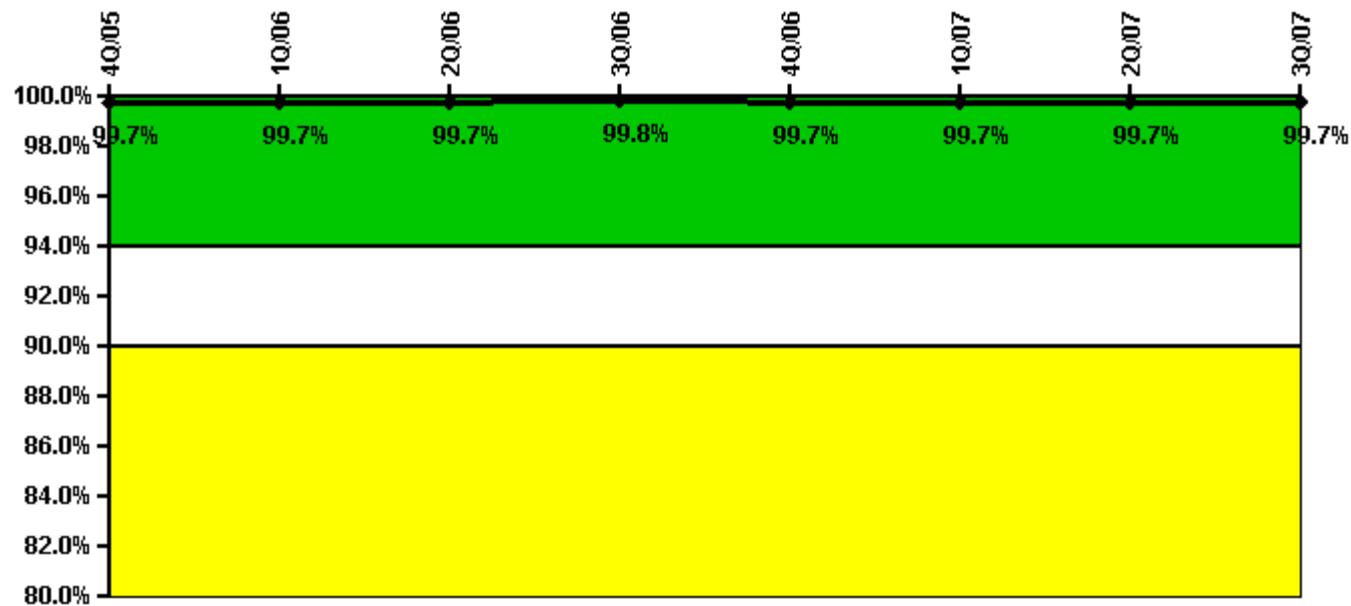
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Participating Key personnel	64.0	69.0	66.0	65.0	66.0	63.0	65.0	63.0
Total Key personnel	64.0	69.0	66.0	65.0	66.0	63.0	65.0	63.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



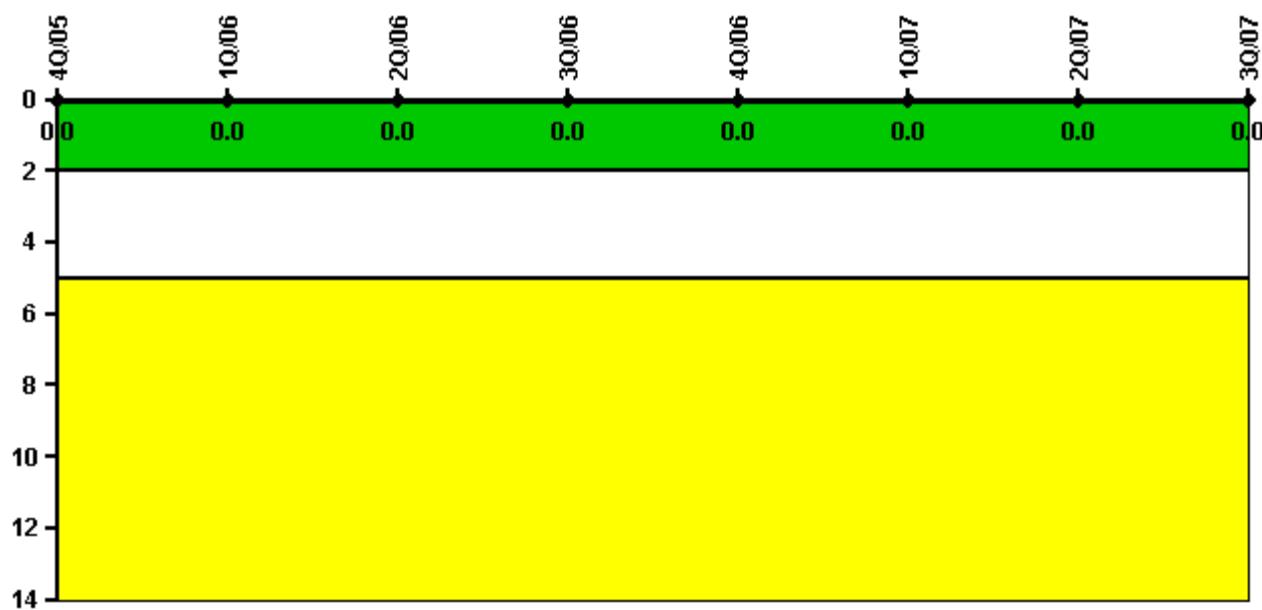
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Successful siren-tests	4988	5061	4979	4971	4902	4985	4977	4961
Total sirens-tests	4992	5070	4991	4992	4914	4992	4990	4992
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



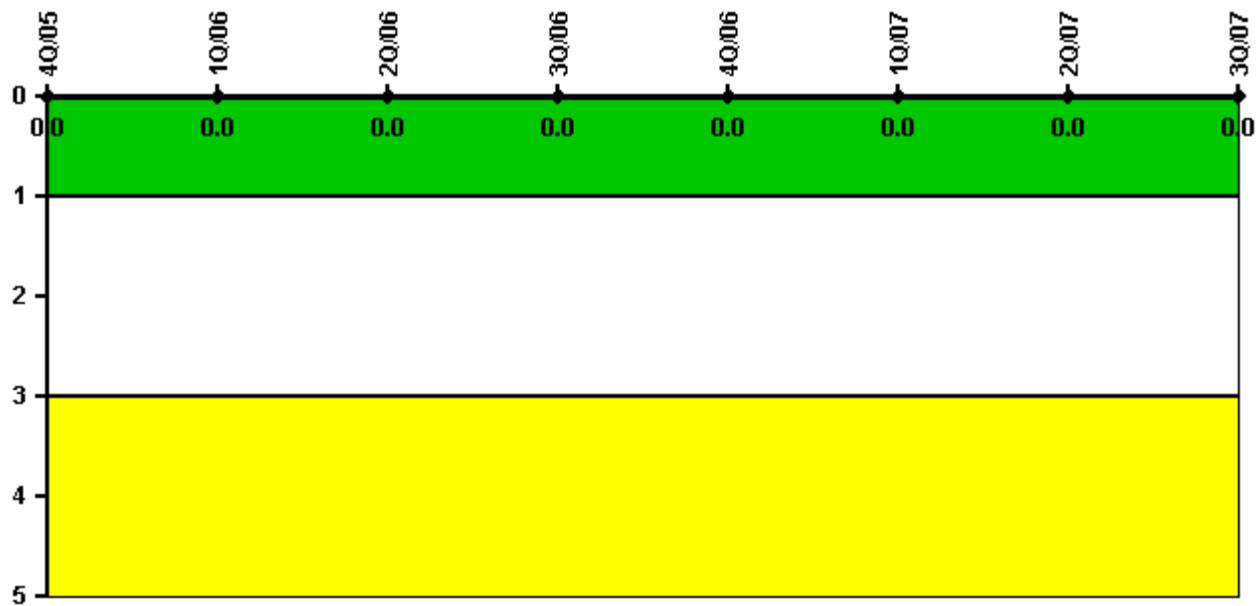
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

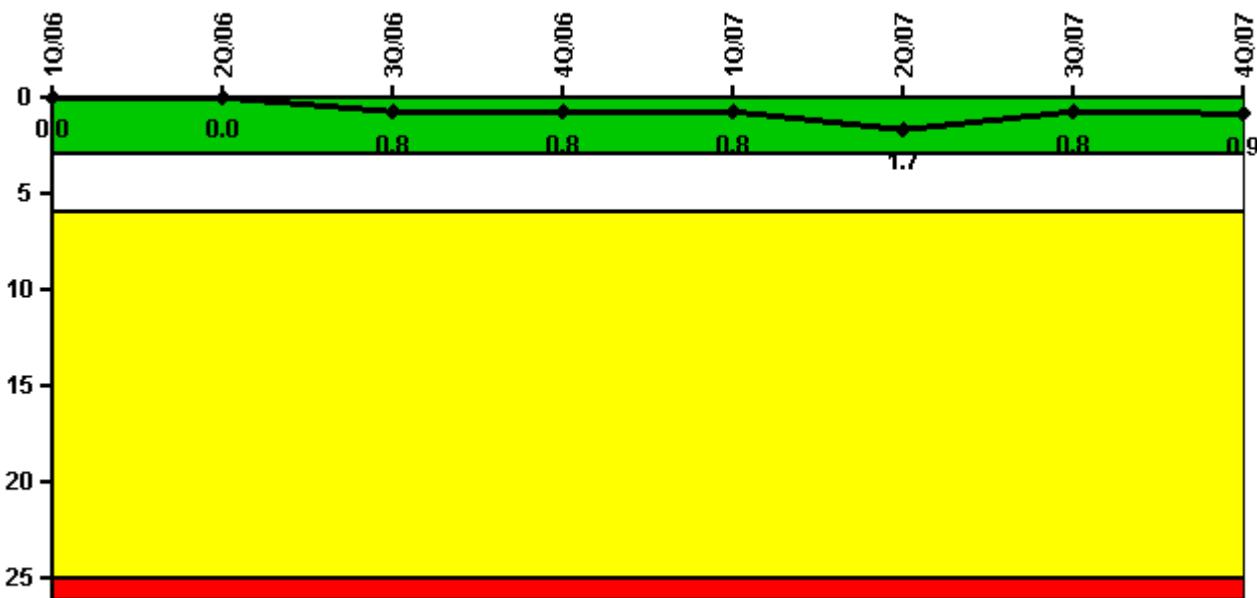
[Physical Protection](#) information not publicly available.

Dresden 2

4Q/2007 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



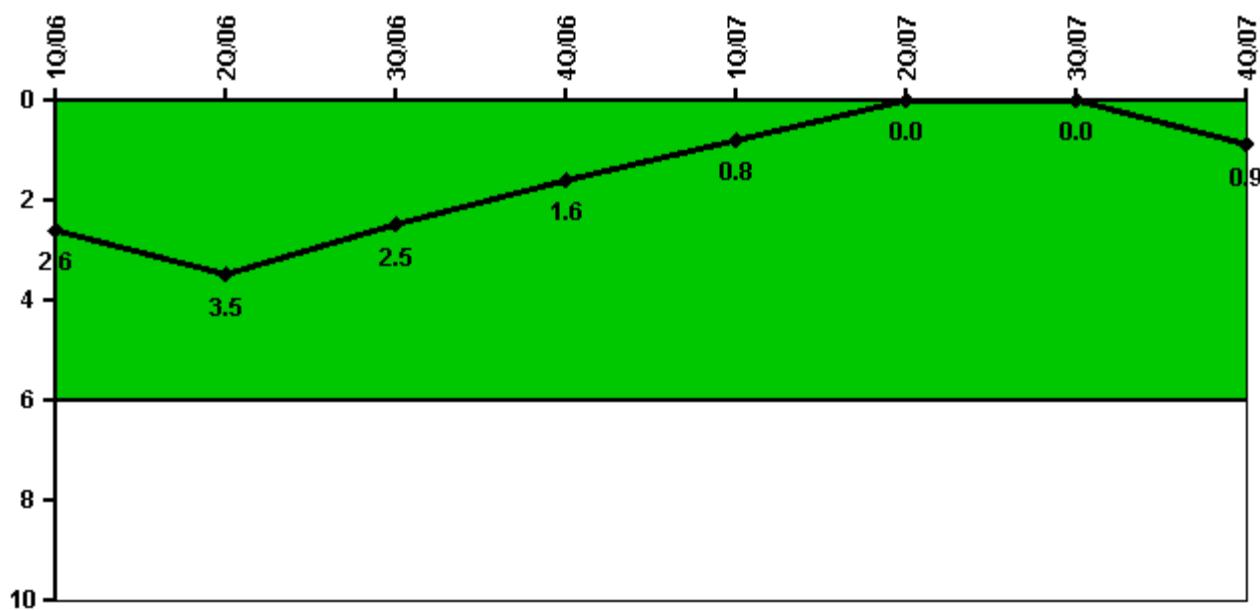
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	1.0	0	0
Critical hours	2160.0	2183.0	2168.9	2003.2	2159.0	2117.1	2208.0	1723.9
Indicator value	0	0	0.8	0.8	0.8	1.7	0.8	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



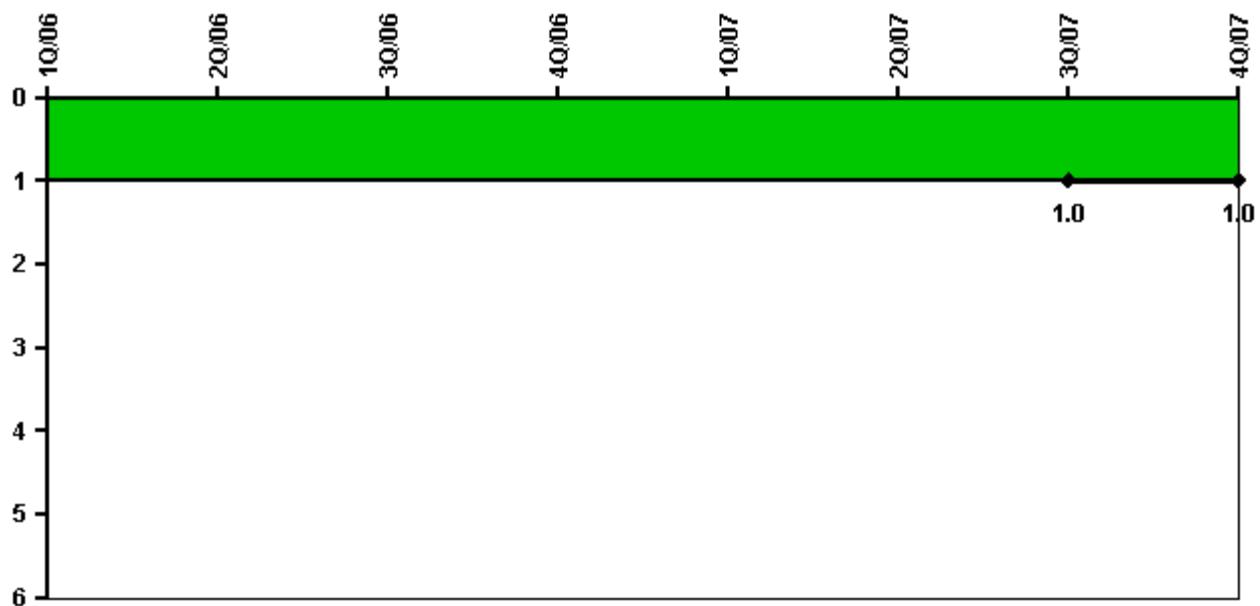
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Unplanned power changes	1.0	1.0	0	0	0	0	0	1.0
Critical hours	2160.0	2183.0	2168.9	2003.2	2159.0	2117.1	2208.0	1723.9
Indicator value	2.6	3.5	2.5	1.6	0.8	0	0	0.9

Licensee Comments: none

Unplanned Scrams with Complications



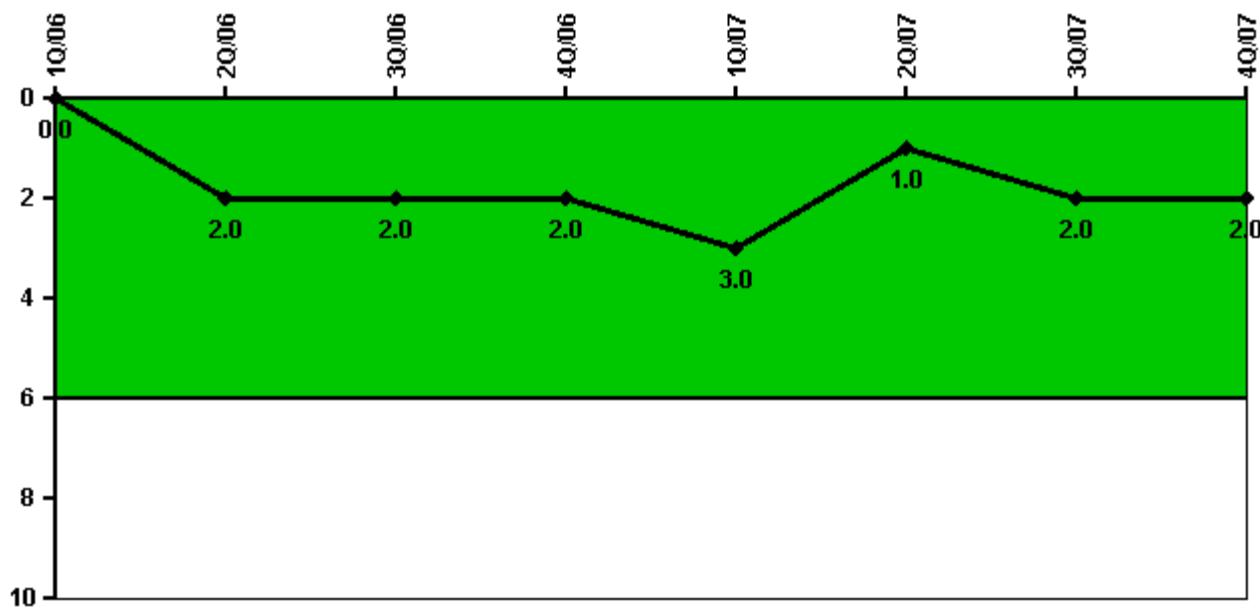
Thresholds: White > 1.0

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	1.0	0	0
Indicator value							1.0	1.0

Licensee Comments: none

Safety System Functional Failures (BWR)



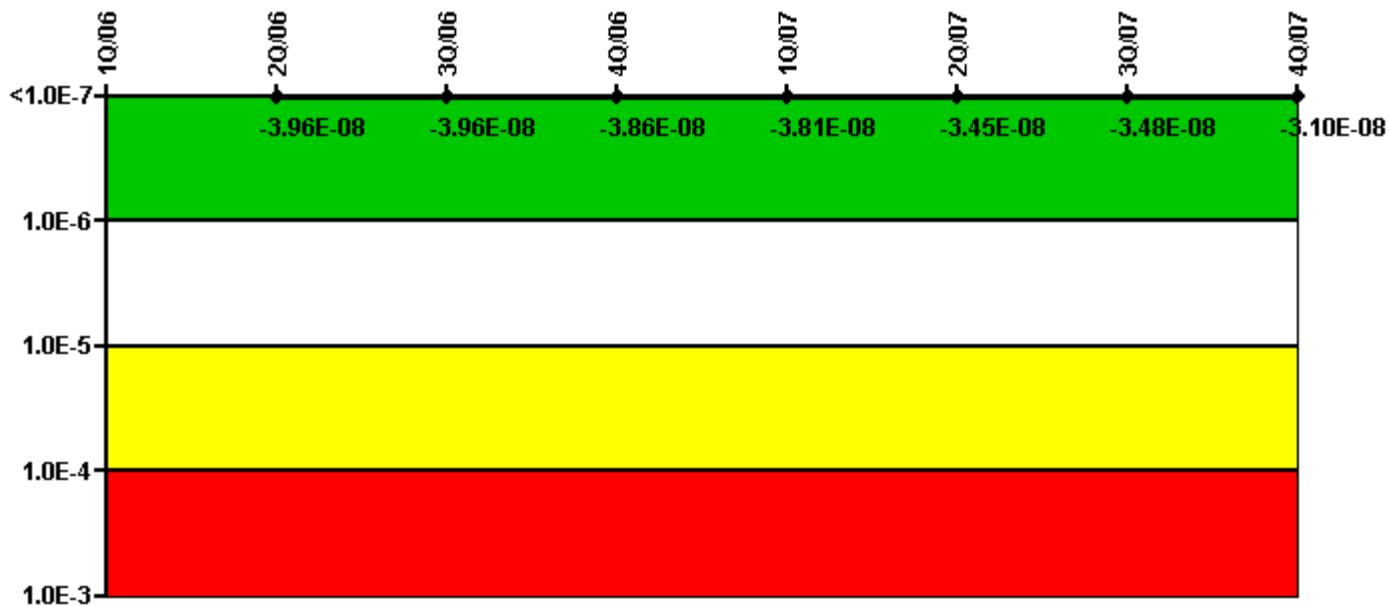
Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



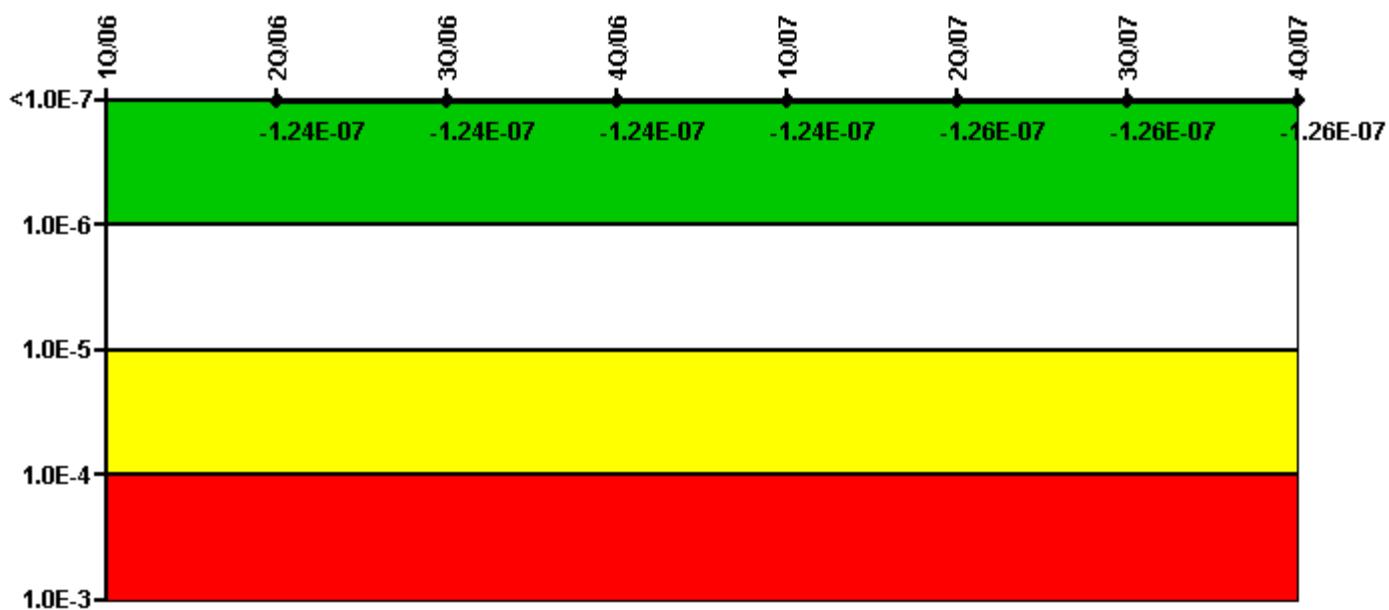
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)		-4.60E-09	-4.60E-09	-4.60E-09	-2.10E-09	2.50E-09	2.20E-09	6.00E-09
URI (Δ CDF)		-3.50E-08	-3.50E-08	-3.40E-08	-3.60E-08	-3.70E-08	-3.70E-08	-3.70E-08
PLE		NO						
Indicator value		-3.96E-08	-3.96E-08	-3.86E-08	-3.81E-08	-3.45E-08	-3.48E-08	-3.10E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



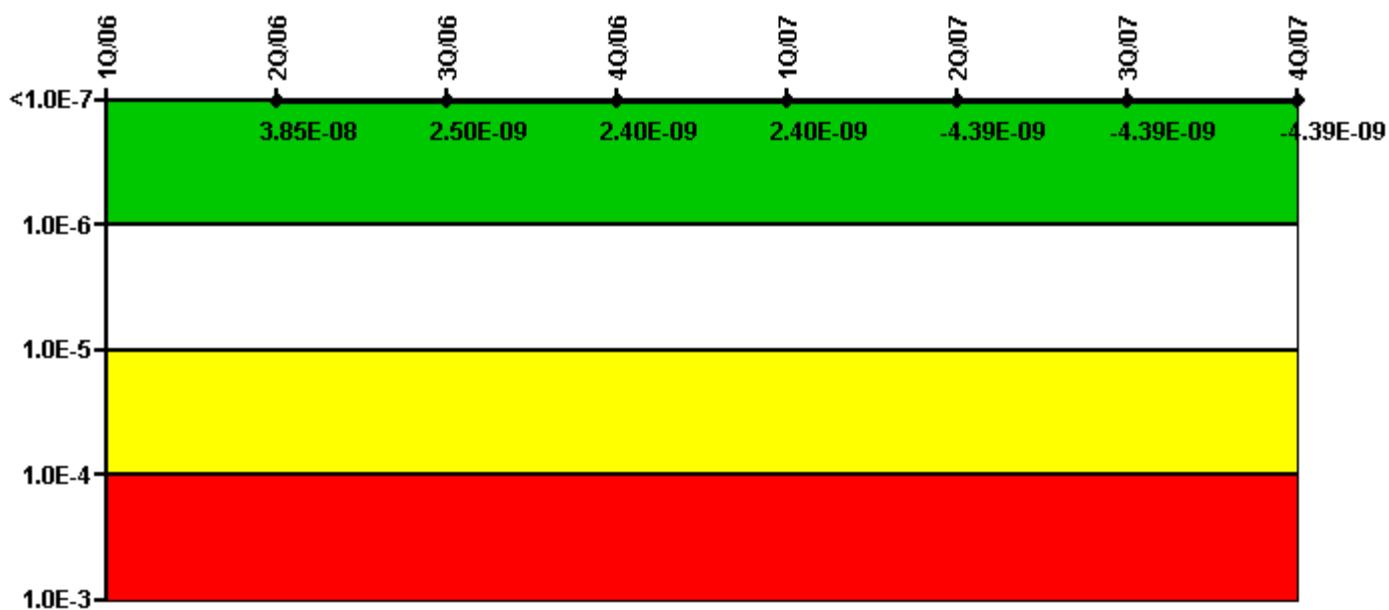
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI (Δ CDF)		-5.20E-08						
URI (Δ CDF)		-7.20E-08	-7.20E-08	-7.20E-08	-7.20E-08	-7.40E-08	-7.40E-08	-7.40E-08
PLE		NO						
Indicator value		-1.24E-07	-1.24E-07	-1.24E-07	-1.24E-07	-1.26E-07	-1.26E-07	-1.26E-07

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



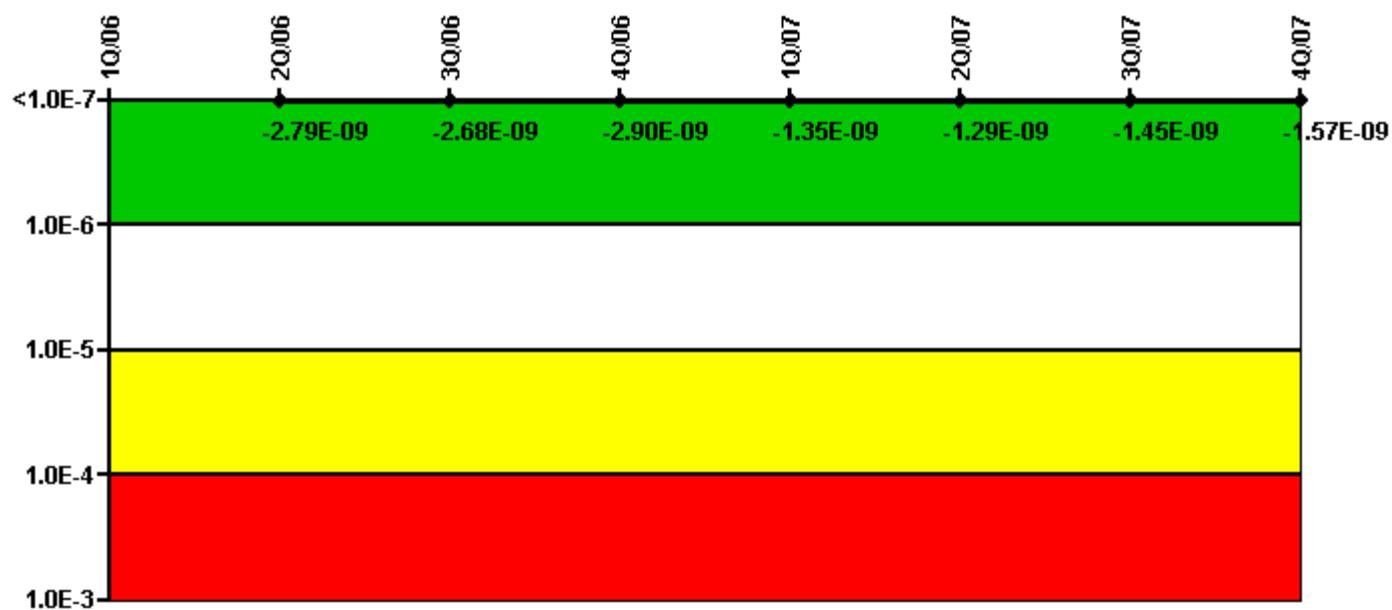
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI (Δ CDF)		-1.50E-09	-1.40E-09	-1.50E-09	-1.50E-09	-4.30E-09	-4.30E-09	-4.30E-09
URI (Δ CDF)		4.00E-08	3.90E-09	3.90E-09	3.90E-09	-8.80E-11	-8.80E-11	-8.80E-11
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		3.85E-08	2.50E-09	2.40E-09	2.40E-09	-4.39E-09	-4.39E-09	-4.39E-09

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



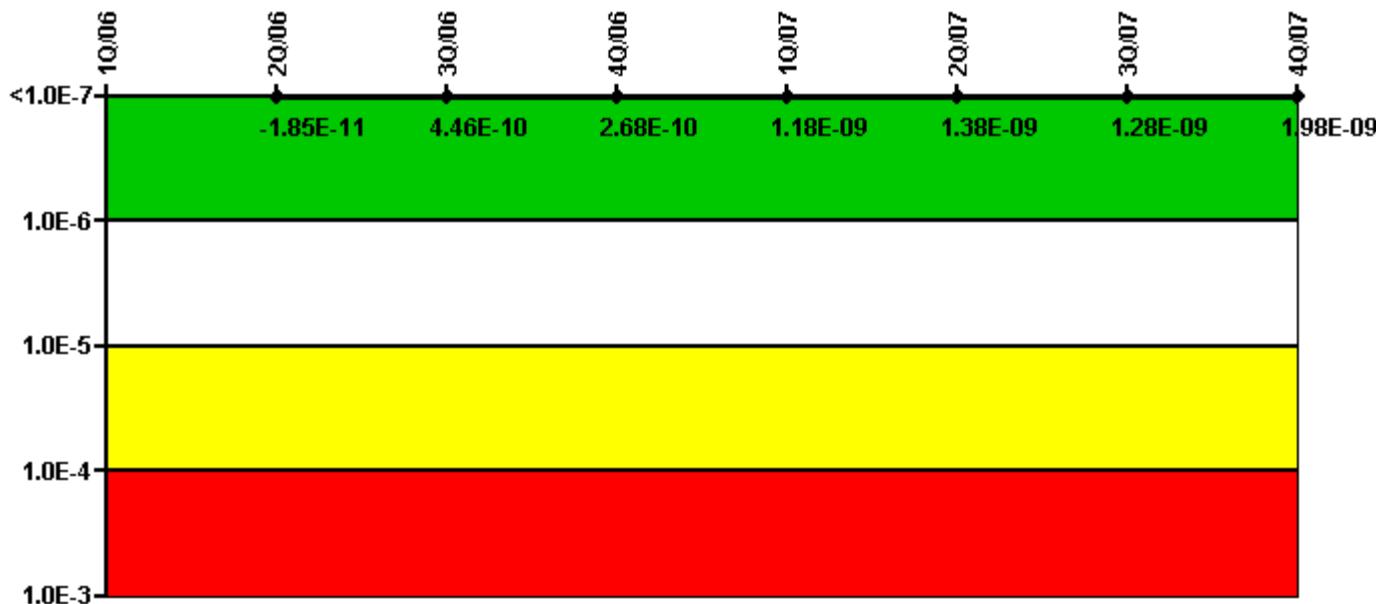
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI (Δ CDF)		-9.90E-10	-9.80E-10	-1.30E-09	3.50E-10	4.10E-10	2.50E-10	1.30E-10
URI (Δ CDF)		-1.80E-09	-1.70E-09	-1.60E-09	-1.70E-09	-1.70E-09	-1.70E-09	-1.70E-09
PLE		NO						
Indicator value		-2.79E-09	-2.68E-09	-2.90E-09	-1.35E-09	-1.29E-09	-1.45E-09	-1.57E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



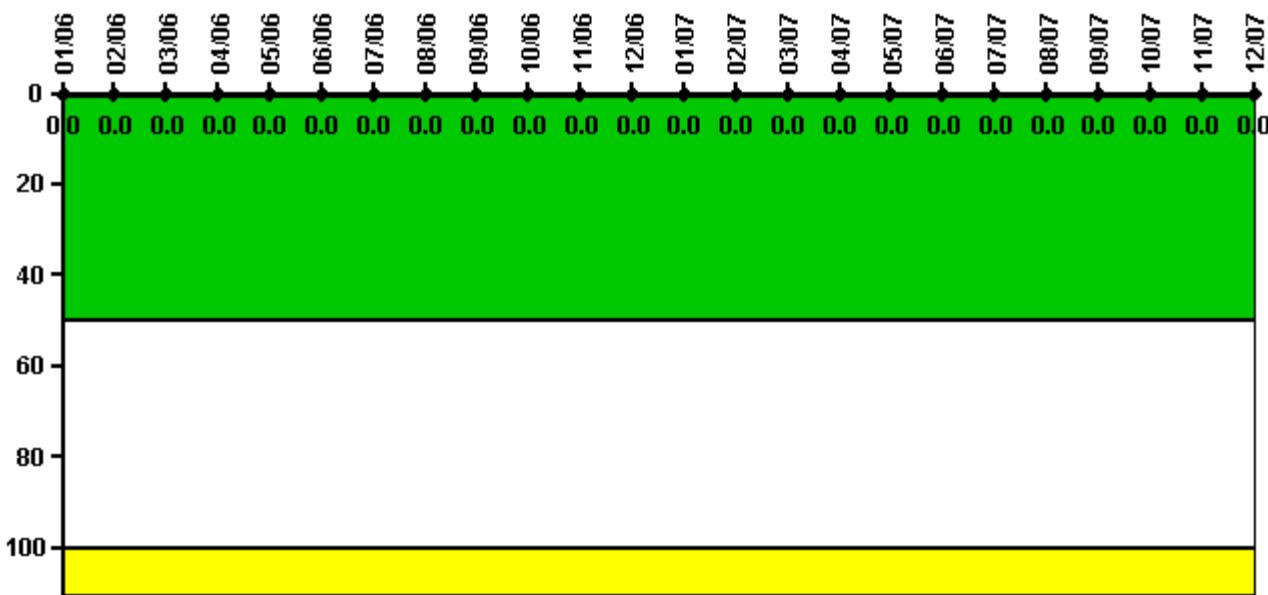
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)		6.50E-12	4.70E-10	2.90E-10	1.20E-09	1.40E-09	1.30E-09	2.00E-09
URI (Δ CDF)		-2.50E-11	-2.40E-11	-2.20E-11	-2.30E-11	-2.30E-11	-2.30E-11	-2.20E-11
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		-1.85E-11	4.46E-10	2.68E-10	1.18E-09	1.38E-09	1.28E-09	1.98E-09

Licensee Comments: none

Reactor Coolant System Activity



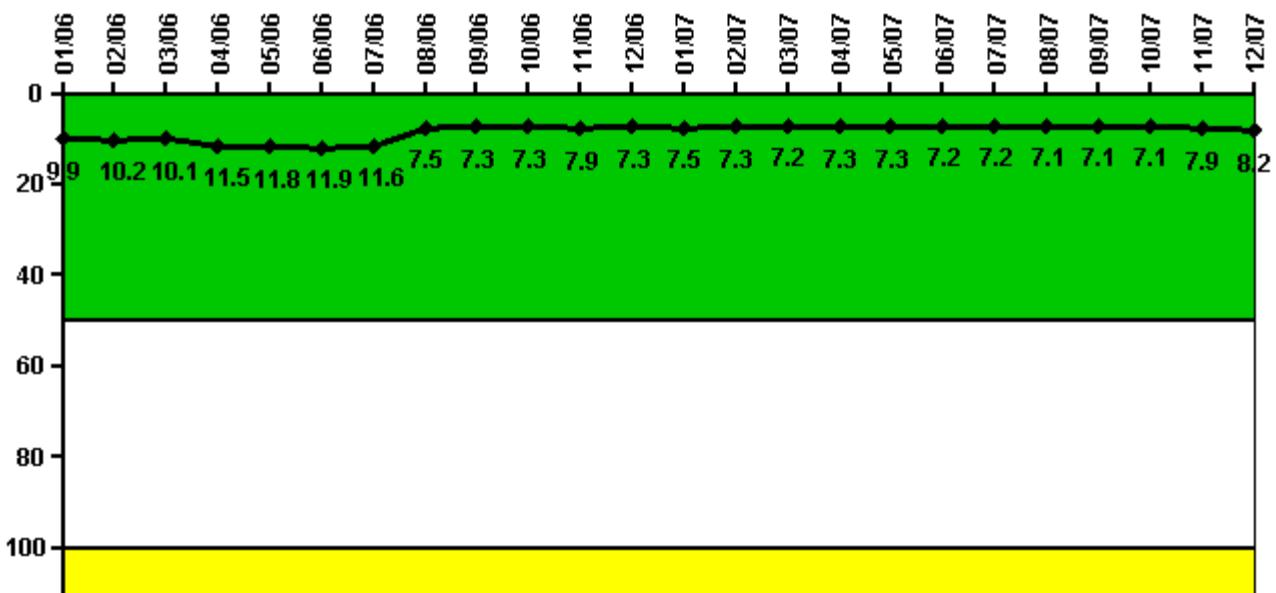
Thresholds: White > 50.0 Yellow > 100.0

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	0.000005	0.000005	0.000004	0.000004	0.000004	0.000004	0.000004	0.000003	0.000003	0.000003	0.000004	0.000004
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
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	0.000003	0.000003	0.000003	0.000003	0.000007	0.000009	0.000004	0.000003	0.000005	0.000005	0.000008	0.000006
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	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	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06
Maximum leakage	2.482	2.550	2.515	2.877	2.945	2.978	2.900	1.867	1.832	1.832	1.965	1.813
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	9.9	10.2	10.1	11.5	11.8	11.9	11.6	7.5	7.3	7.3	7.9	7.3
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	1.877	1.818	1.810	1.817	1.813	1.792	1.805	1.785	1.773	1.785	1.983	2.042
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	7.5	7.3	7.2	7.3	7.3	7.2	7.2	7.1	7.1	7.1	7.9	8.2

Licensee Comments:

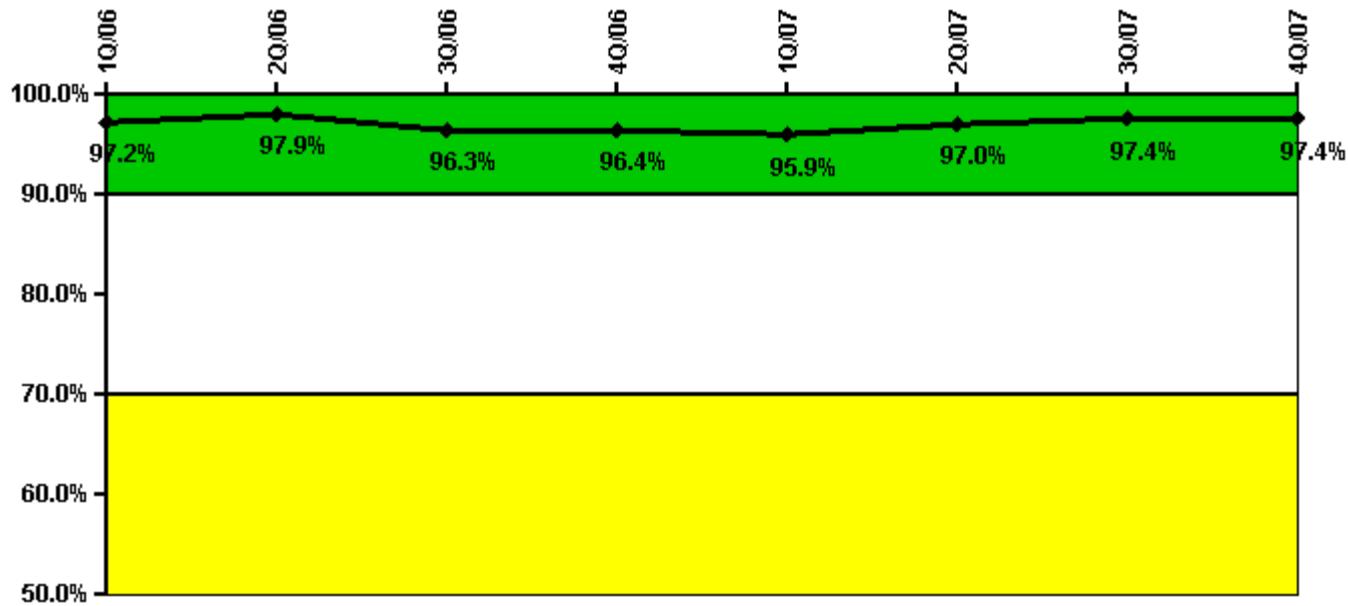
12/07: In November 2007, corrections were made to some historical Unit 2 RCSL values in the period January 2007 through September 2007. This was due to incorrect formulas having been used to generate the original RCSL values.

9/07: RCSL values for July, August, and September 07 were corrected in 4th Quarter 07. Indicator remains Green.

6/07: RCSL values for April, May, and June 07 were corrected in 4th Quarter 07. Indicator remains Green.

3/07: RCSL values for January, February, and March 07 were corrected in 4th Quarter 07. Indicator remains Green.

Drill/Exercise Performance



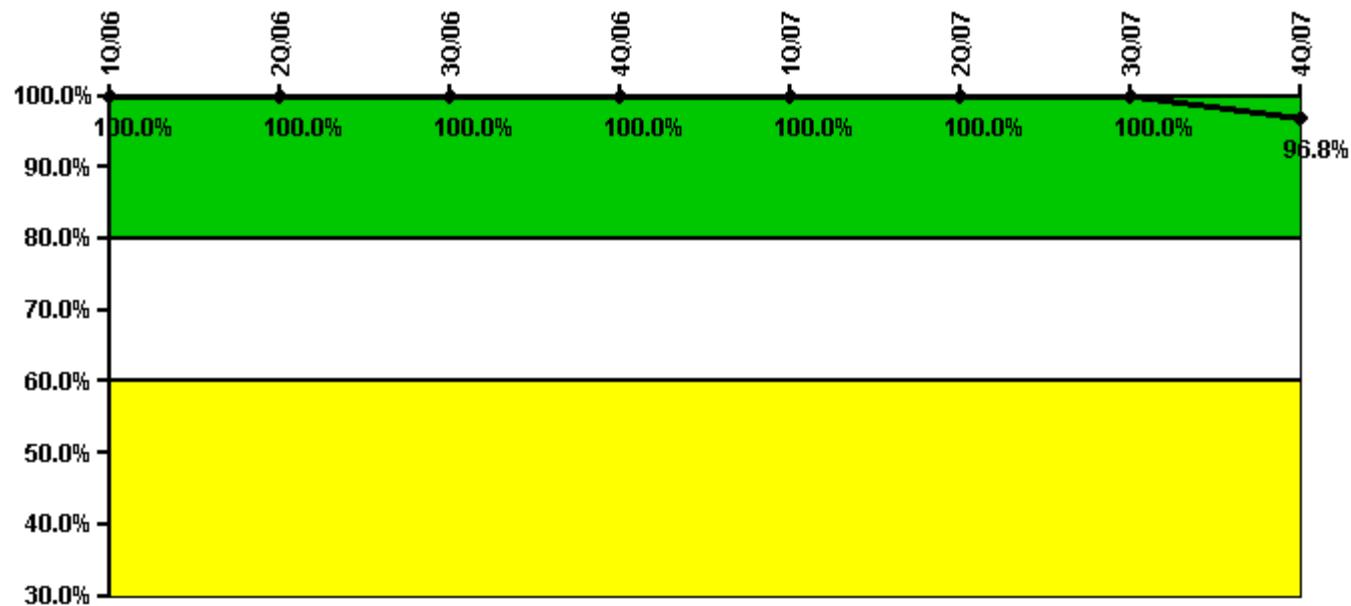
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Successful opportunities	48.0	38.0	14.0	12.0	50.0	54.0	40.0	2.0
Total opportunities	48.0	38.0	19.0	12.0	52.0	54.0	40.0	2.0
Indicator value	97.2%	97.9%	96.3%	96.4%	95.9%	97.0%	97.4%	97.4%

Licensee Comments: none

ERO Drill Participation



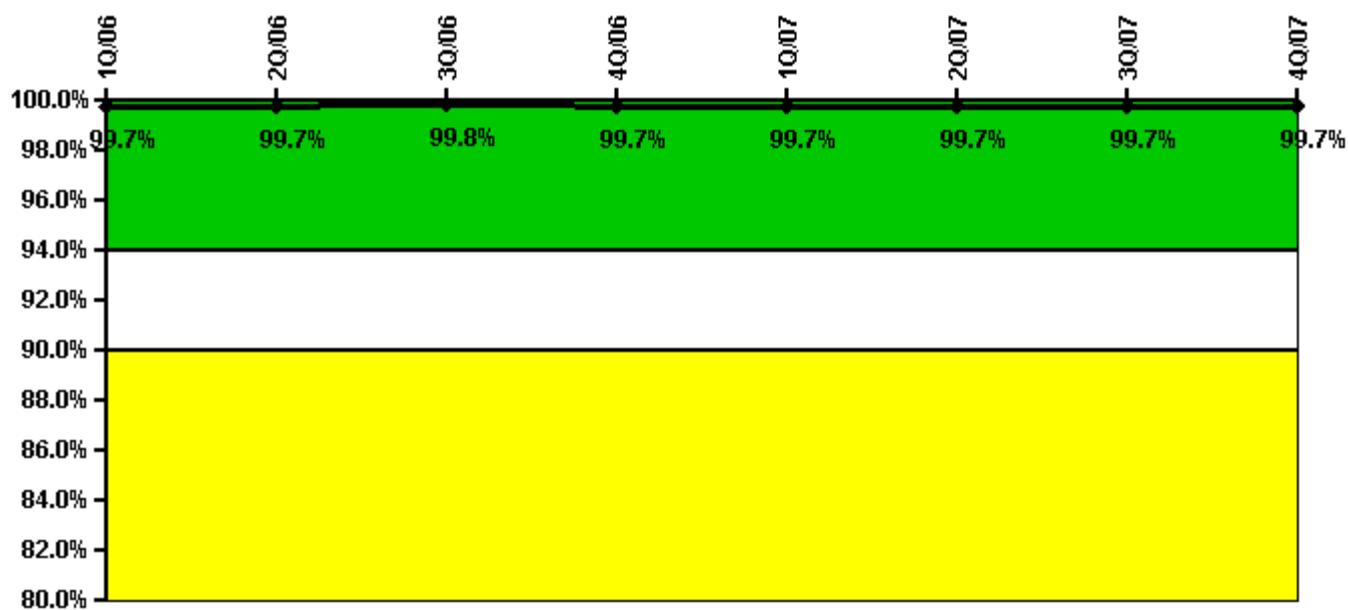
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Participating Key personnel	69.0	66.0	65.0	66.0	63.0	65.0	63.0	60.0
Total Key personnel	69.0	66.0	65.0	66.0	63.0	65.0	63.0	62.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	96.8%

Licensee Comments: none

Alert & Notification System



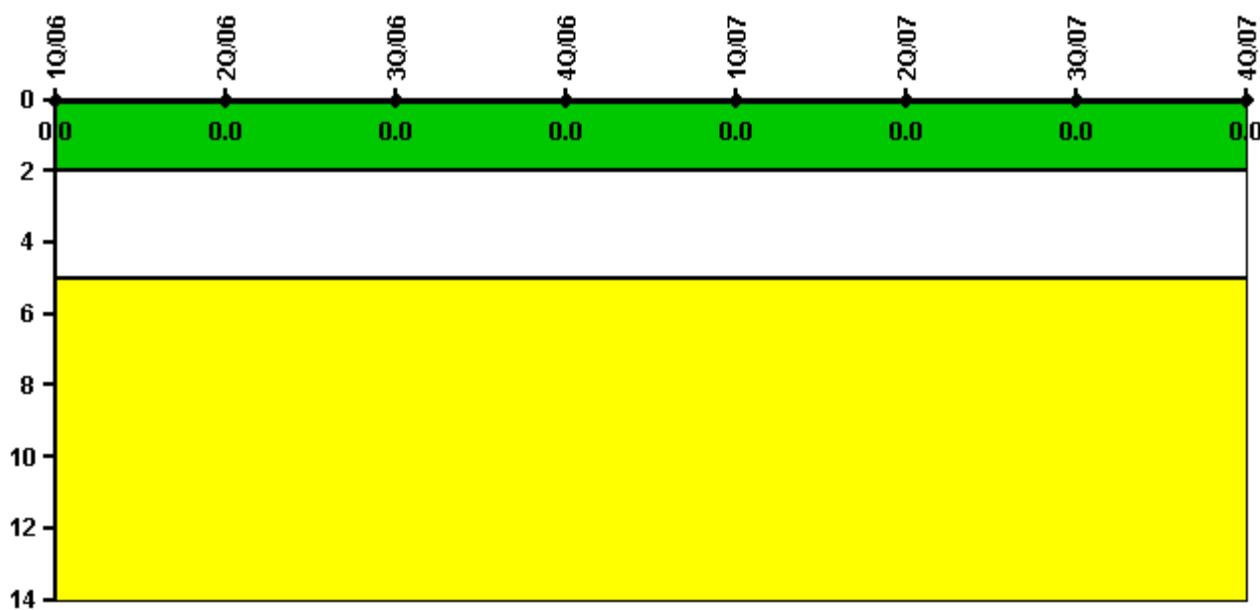
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Successful siren-tests	5061	4979	4971	4902	4985	4977	4961	4982
Total sirens-tests	5070	4991	4992	4914	4992	4990	4992	4992
Indicator value	99.7%	99.7%	99.8%	99.7%	99.7%	99.7%	99.7%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



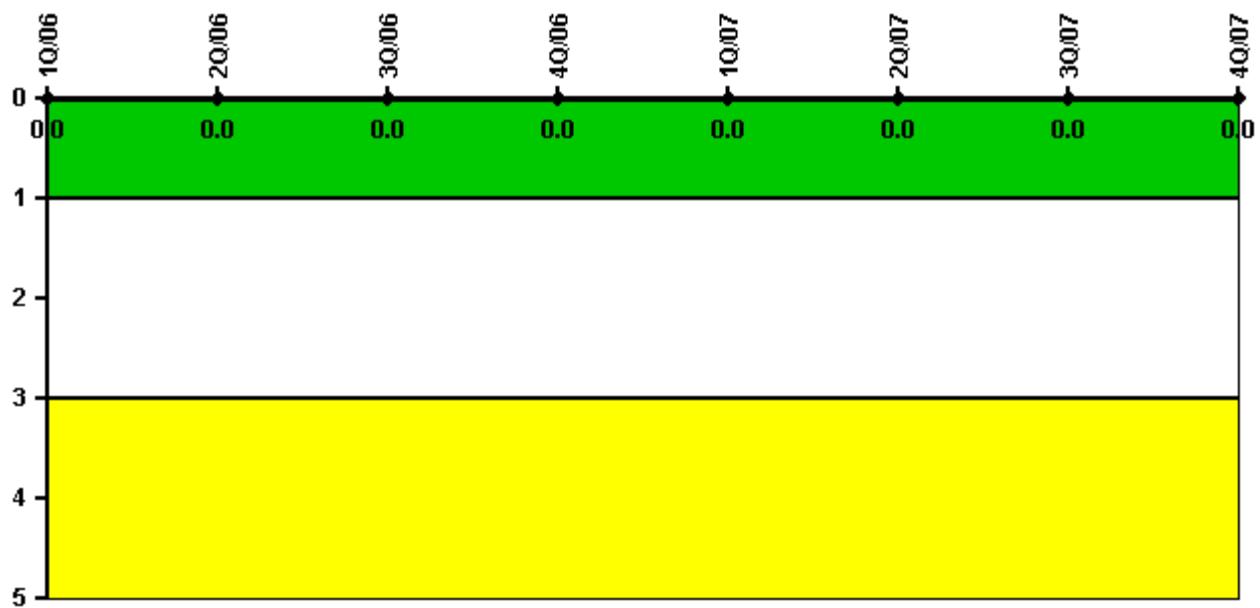
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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

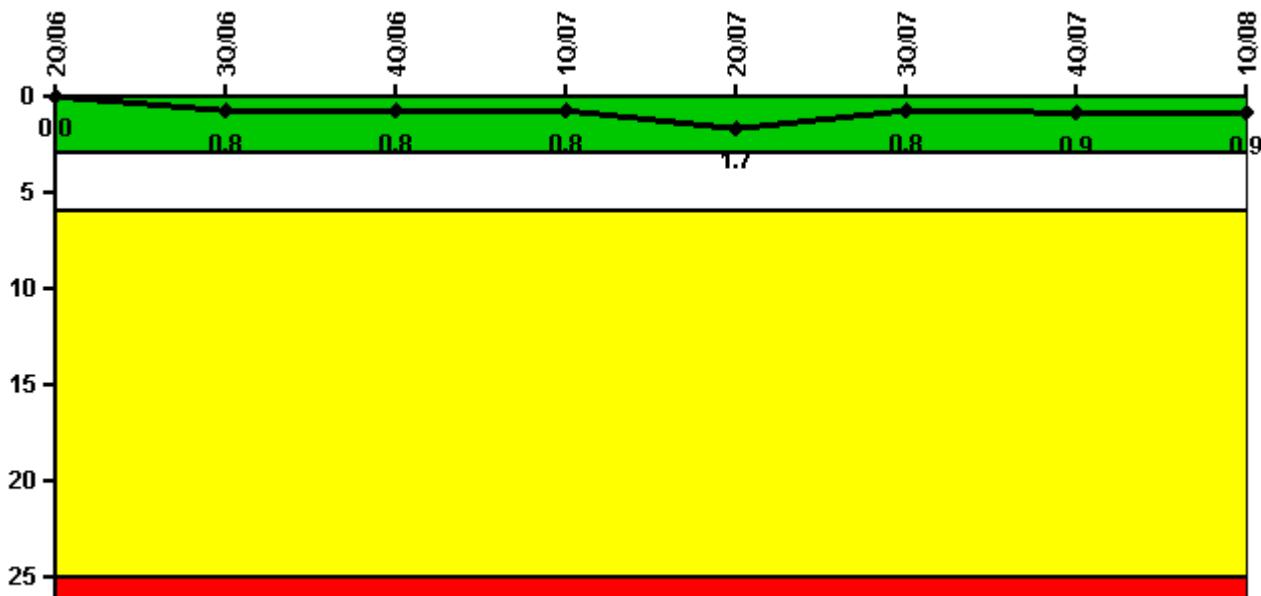
[Physical Protection](#) information not publicly available.

Dresden 2

1Q/2008 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



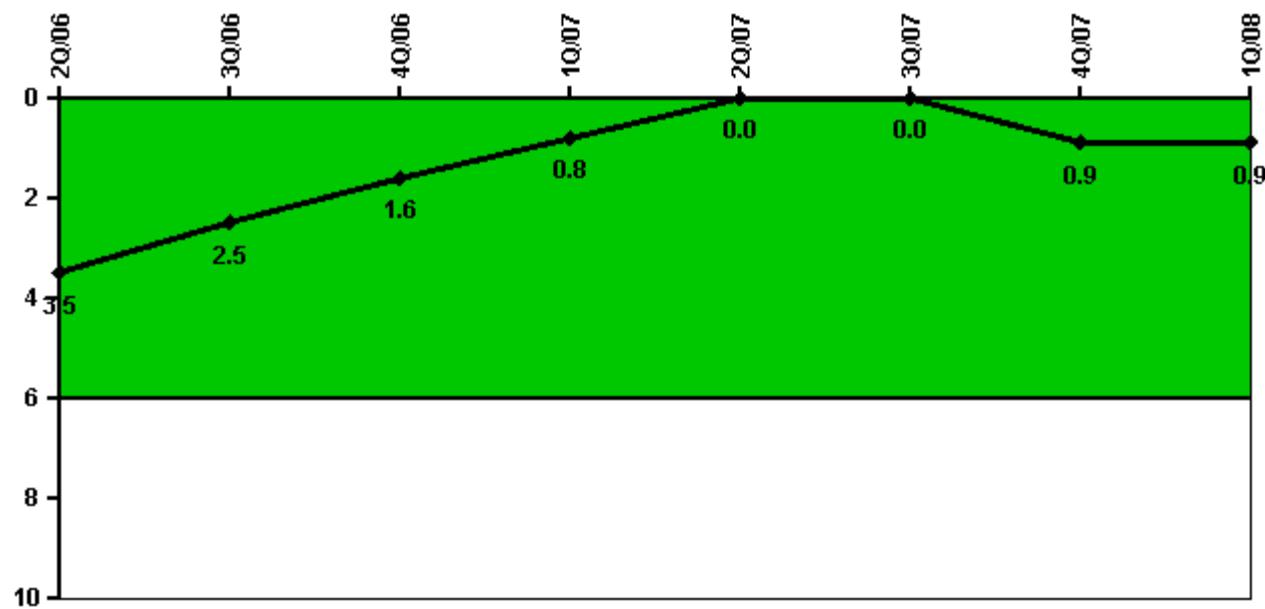
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	1.0	0	0	0
Critical hours	2183.0	2168.9	2003.2	2159.0	2117.1	2208.0	1723.9	2183.0
Indicator value	0	0.8	0.8	0.8	1.7	0.8	0.9	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



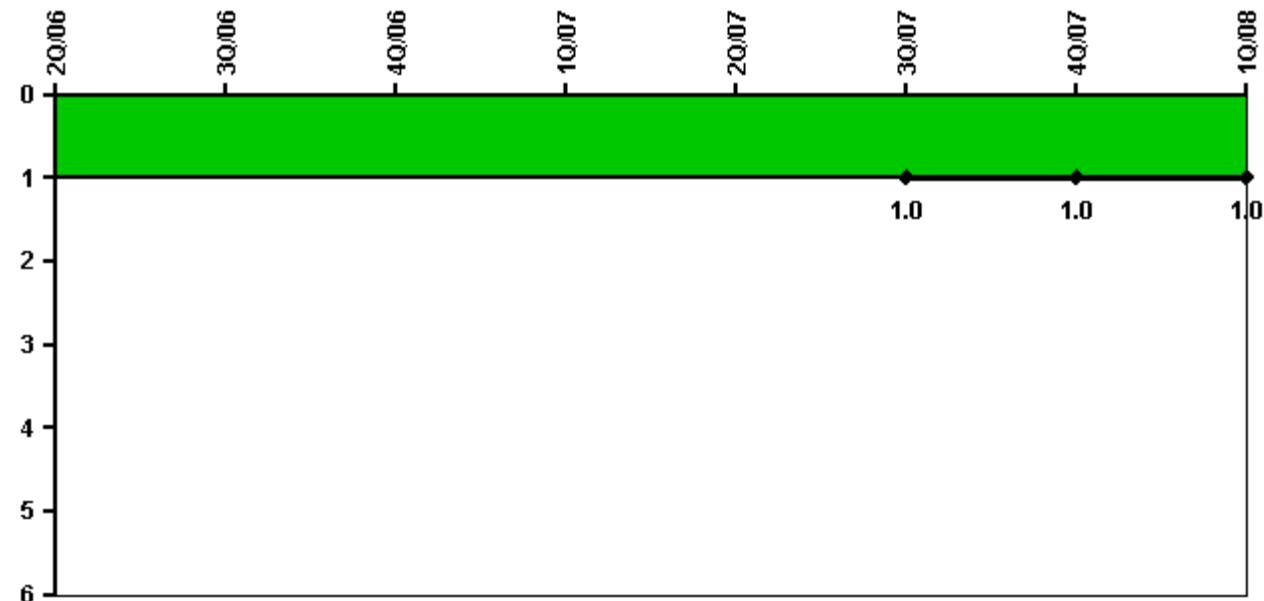
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Unplanned power changes	1.0	0	0	0	0	0	1.0	0
Critical hours	2183.0	2168.9	2003.2	2159.0	2117.1	2208.0	1723.9	2183.0
Indicator value	3.5	2.5	1.6	0.8	0	0	0.9	0.9

Licensee Comments: none

Unplanned Scrams with Complications



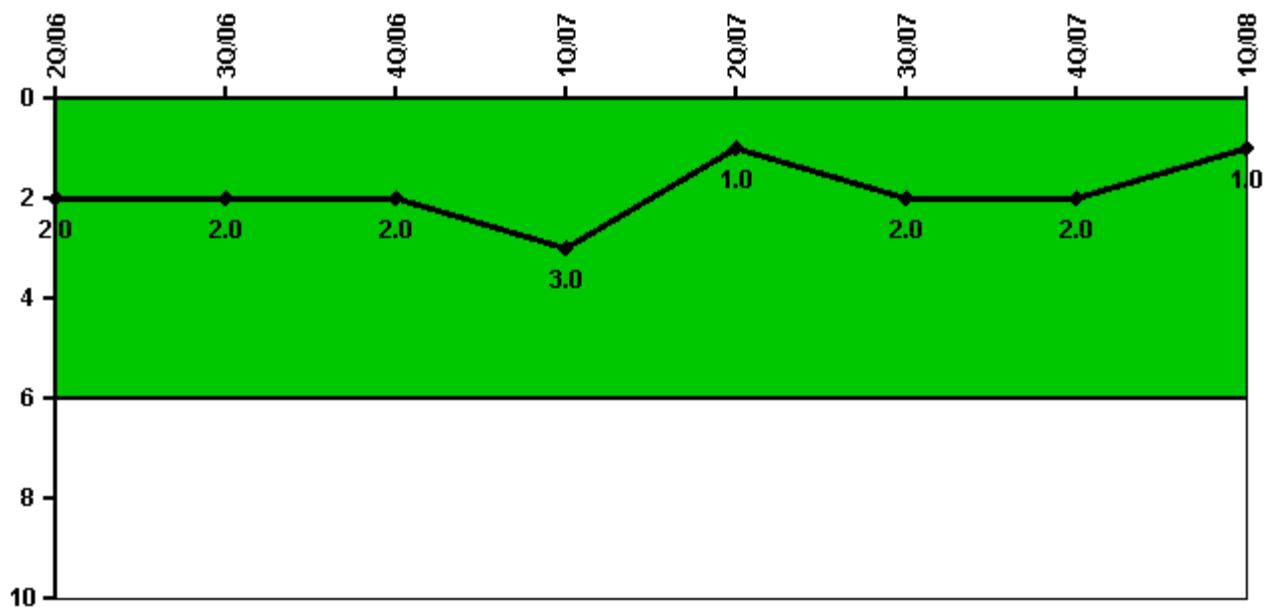
Thresholds: White > 1.0

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	1.0	0	0	0
Indicator value							1.0	1.0

Licensee Comments: none

Safety System Functional Failures (BWR)



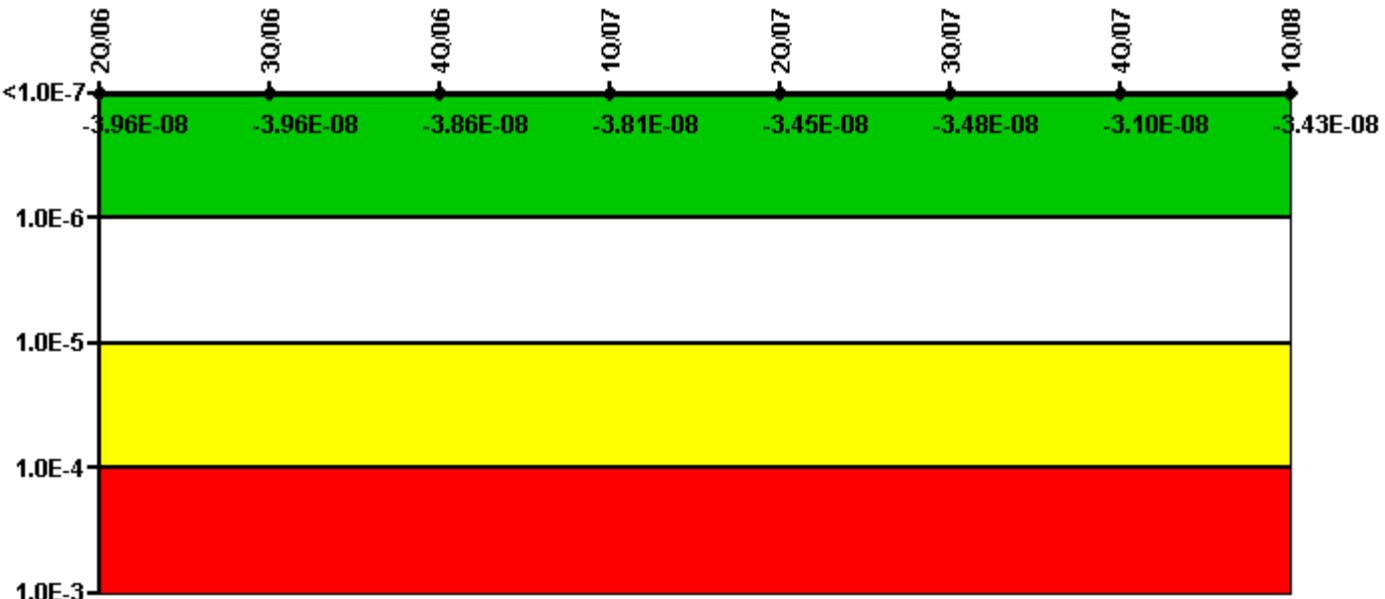
Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Safety System Functional Failures	2	0	0	1	0	1	0	0
Indicator value	2	2	2	3	1	2	2	1

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



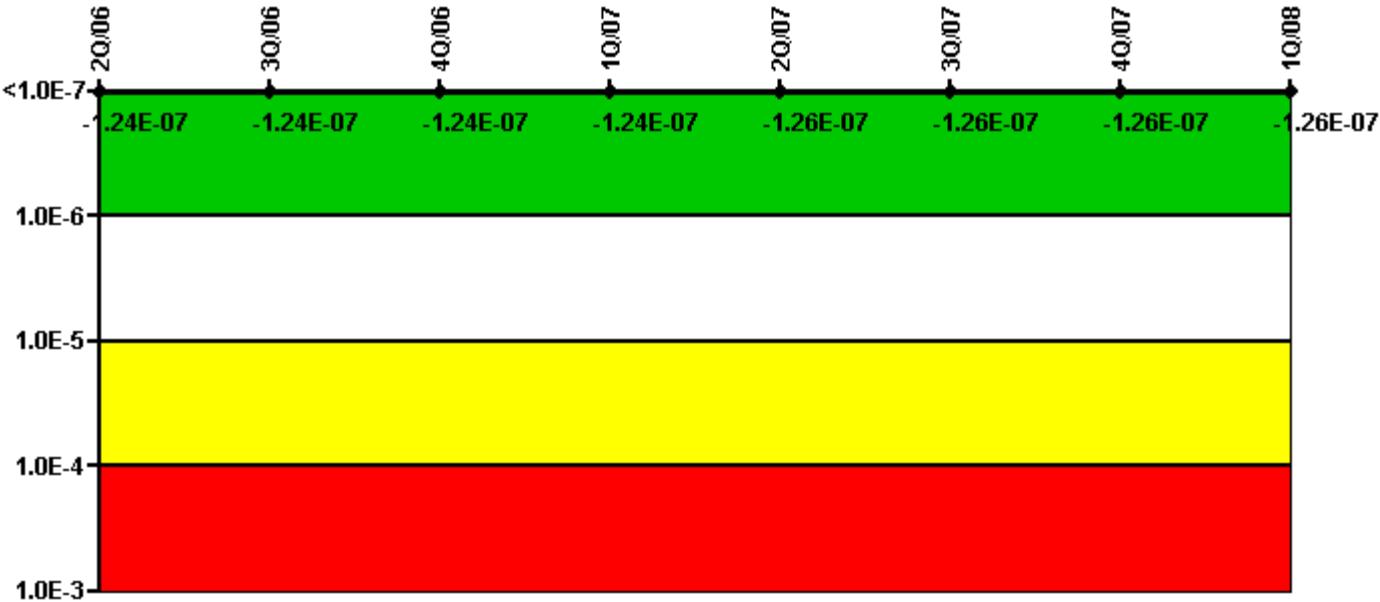
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (Δ CDF)	-4.60E-09	-4.60E-09	-4.60E-09	-2.10E-09	2.50E-09	2.20E-09	6.00E-09	7.20E-10
URI (Δ CDF)	-3.50E-08	-3.50E-08	-3.40E-08	-3.60E-08	-3.70E-08	-3.70E-08	-3.70E-08	-3.50E-08
PLE	NO							
Indicator value	-3.96E-08	-3.96E-08	-3.86E-08	-3.81E-08	-3.45E-08	-3.48E-08	-3.10E-08	-3.43E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



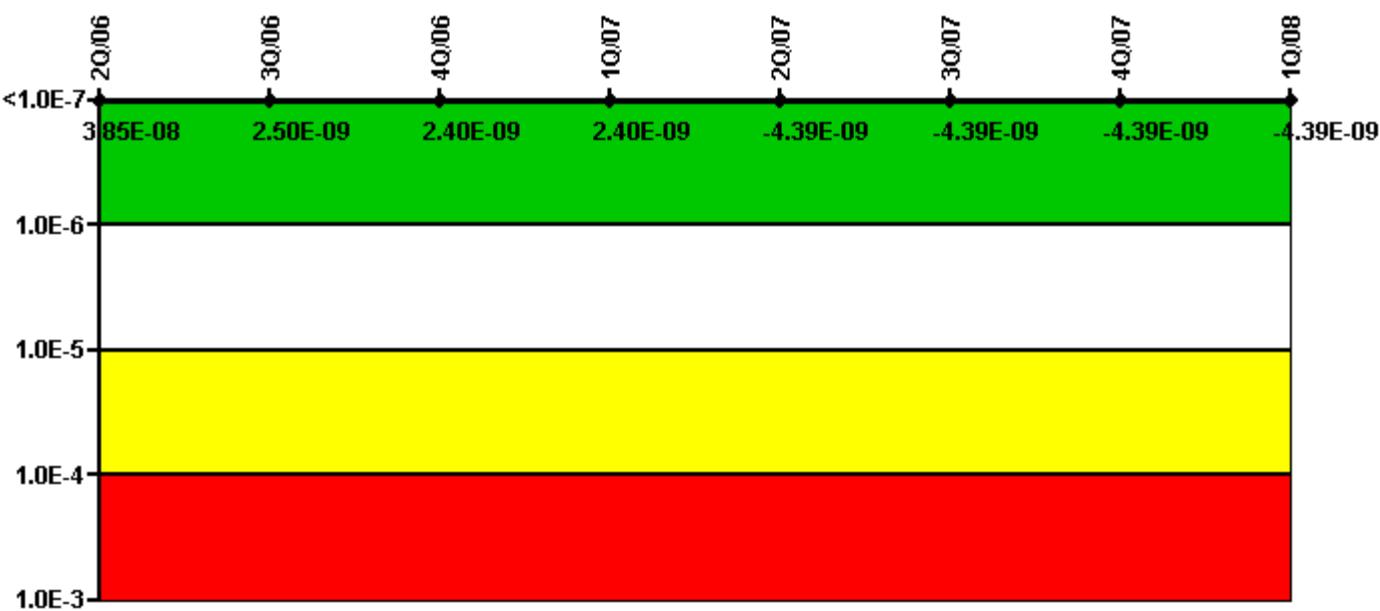
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (Δ CDF)	-5.20E-08							
URI (Δ CDF)	-7.20E-08	-7.20E-08	-7.20E-08	-7.20E-08	-7.40E-08	-7.40E-08	-7.40E-08	-7.40E-08
PLE	NO							
Indicator value	-1.24E-07	-1.24E-07	-1.24E-07	-1.24E-07	-1.26E-07	-1.26E-07	-1.26E-07	-1.26E-07

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



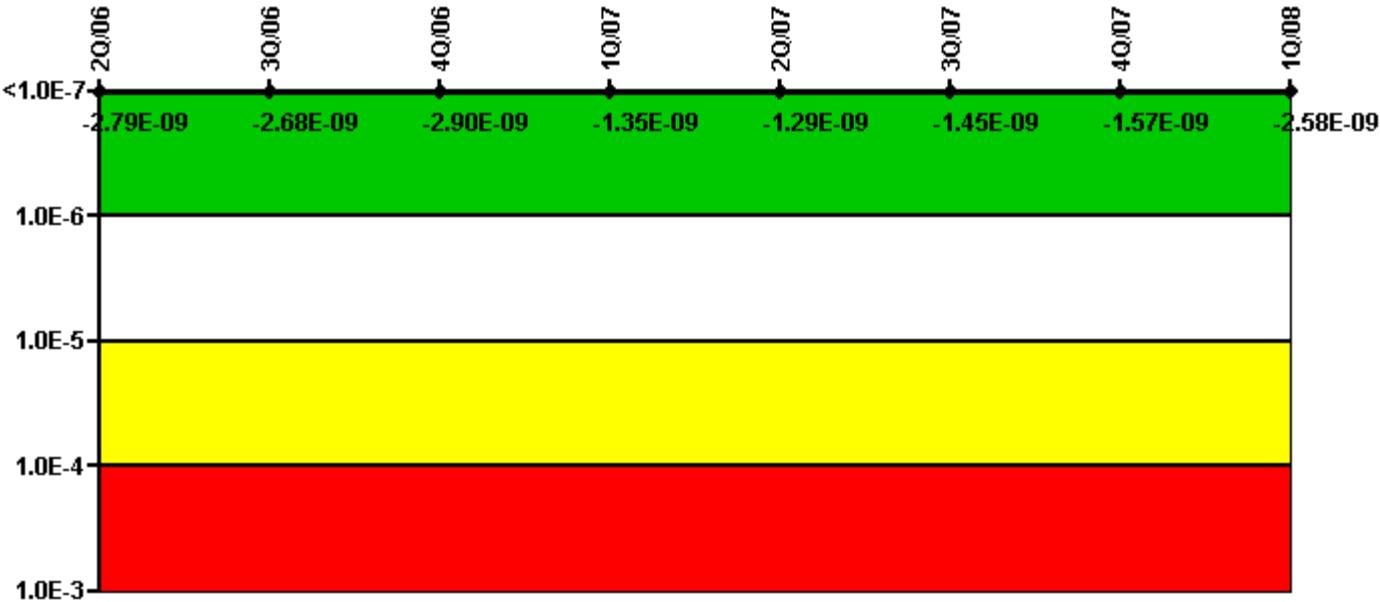
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (Δ CDF)	-1.50E-09	-1.40E-09	-1.50E-09	-1.50E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09
URI (Δ CDF)	4.00E-08	3.90E-09	3.90E-09	3.90E-09	-8.80E-11	-8.80E-11	-8.80E-11	-8.80E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.85E-08	2.50E-09	2.40E-09	2.40E-09	-4.39E-09	-4.39E-09	-4.39E-09	-4.39E-09

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



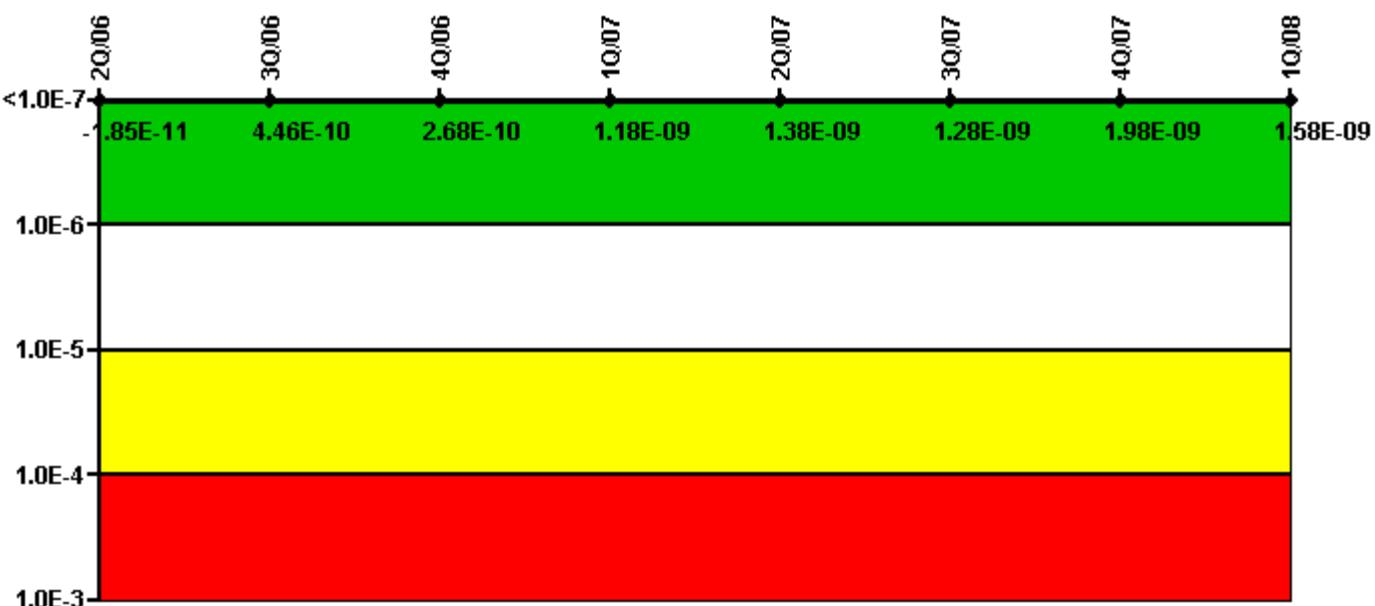
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (Δ CDF)	-9.90E-10	-9.80E-10	-1.30E-09	3.50E-10	4.10E-10	2.50E-10	1.30E-10	-8.80E-10
URI (Δ CDF)	-1.80E-09	-1.70E-09	-1.60E-09	-1.70E-09	-1.70E-09	-1.70E-09	-1.70E-09	-1.70E-09
PLE	NO							
Indicator value	-2.79E-09	-2.68E-09	-2.90E-09	-1.35E-09	-1.29E-09	-1.45E-09	-1.57E-09	-2.58E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



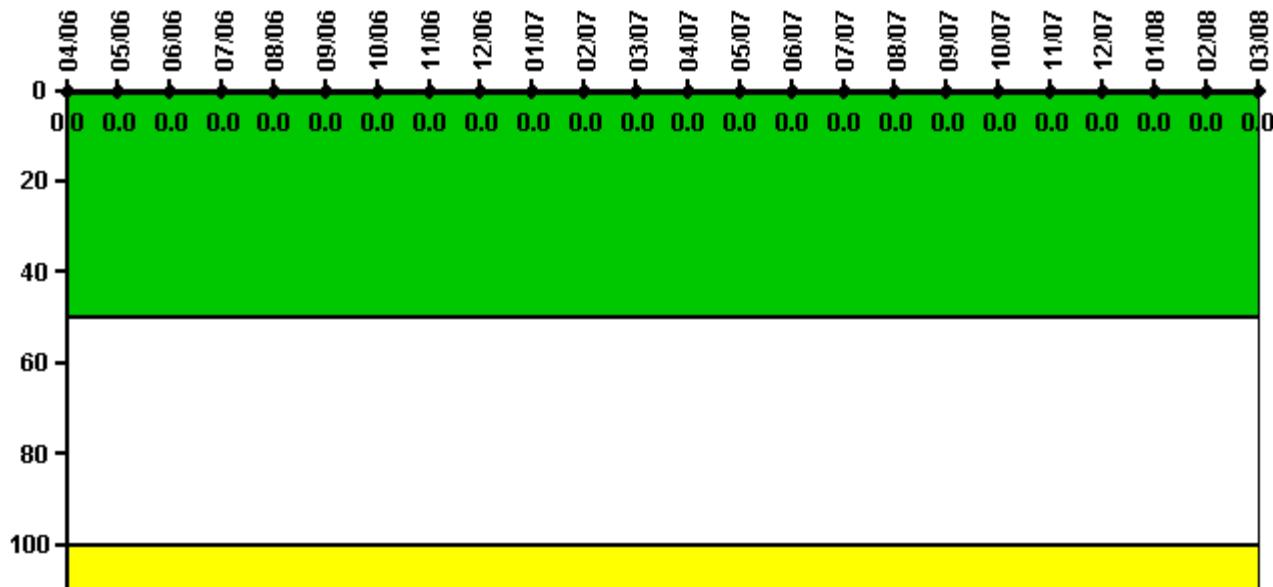
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	6.50E-12	4.70E-10	2.90E-10	1.20E-09	1.40E-09	1.30E-09	2.00E-09	1.60E-09
URI (Δ CDF)	-2.50E-11	-2.40E-11	-2.20E-11	-2.30E-11	-2.30E-11	-2.30E-11	-2.20E-11	-2.20E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.85E-11	4.46E-10	2.68E-10	1.18E-09	1.38E-09	1.28E-09	1.98E-09	1.58E-09

Licensee Comments: none

Reactor Coolant System Activity



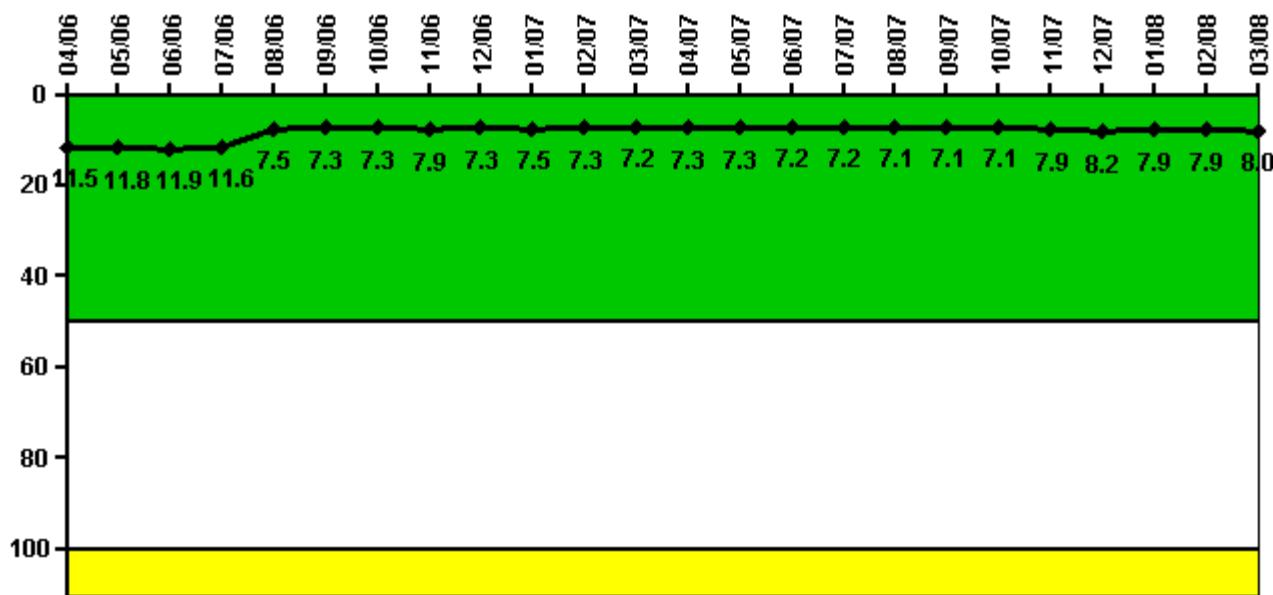
Thresholds: White > 50.0 Yellow > 100.0

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	0.000004	0.000004	0.000004	0.000004	0.000003	0.000003	0.000003	0.000004	0.000004	0.000003	0.000003	0.000003
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08
Maximum activity	0.000003	0.000007	0.000009	0.000004	0.000003	0.000005	0.000005	0.000008	0.000006	0.000006	0.000025	0.000003
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



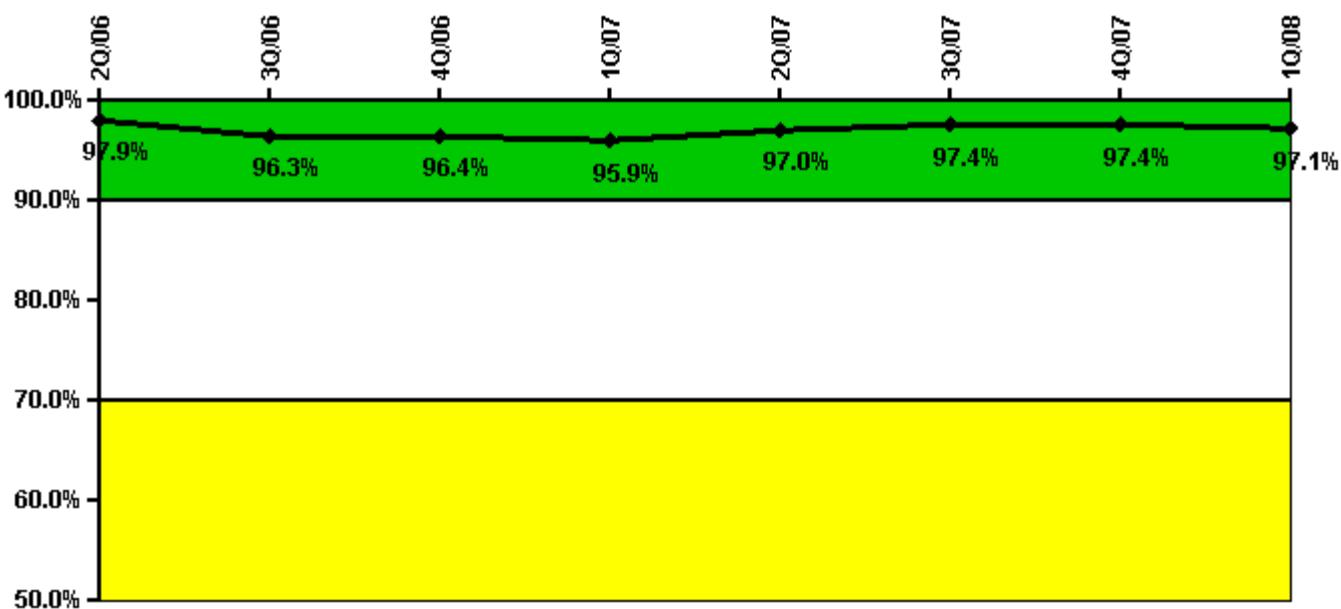
Thresholds: White > 50.0 Yellow > 100.0

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	2.877	2.945	2.978	2.900	1.867	1.832	1.832	1.965	1.813	1.877	1.818	1.810
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	11.5	11.8	11.9	11.6	7.5	7.3	7.3	7.9	7.3	7.5	7.3	7.2
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	1.817	1.813	1.792	1.805	1.785	1.773	1.785	1.983	2.042	1.967	1.983	1.995
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	7.3	7.3	7.2	7.2	7.1	7.1	7.1	7.9	8.2	7.9	7.9	8.0

Licensee Comments: none

Drill/Exercise Performance



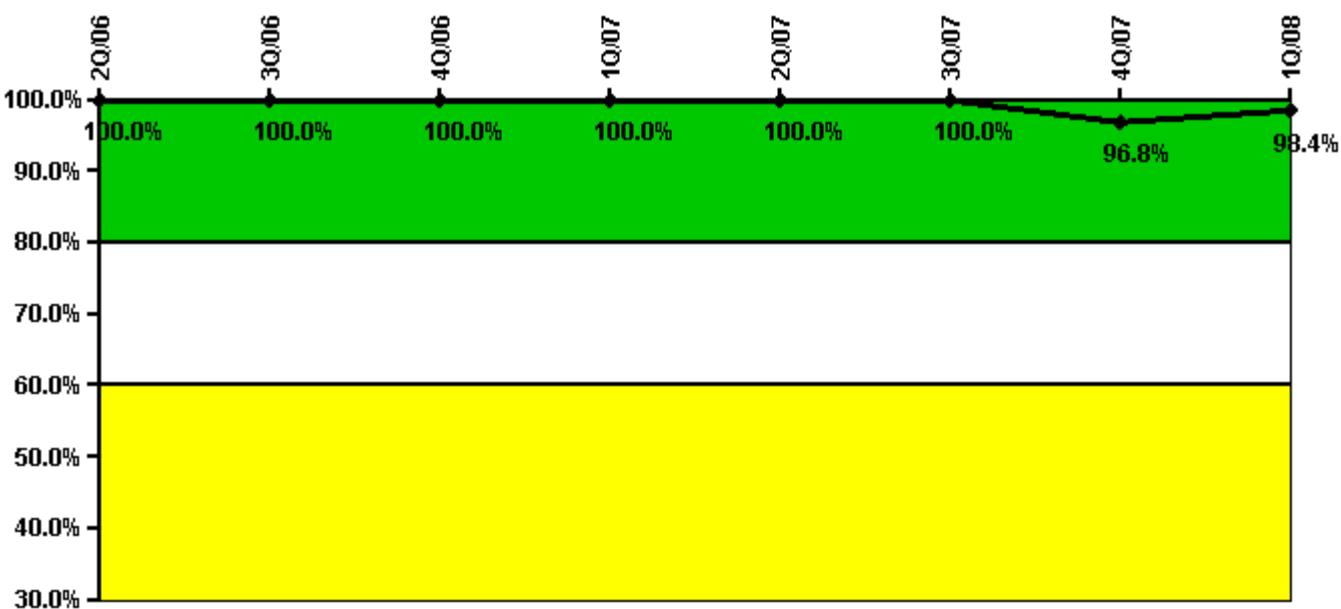
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Successful opportunities	38.0	14.0	12.0	50.0	54.0	40.0	2.0	24.0
Total opportunities	38.0	19.0	12.0	52.0	54.0	40.0	2.0	24.0
Indicator value	97.9%	96.3%	96.4%	95.9%	97.0%	97.4%	97.4%	97.1%

Licensee Comments: none

ERO Drill Participation



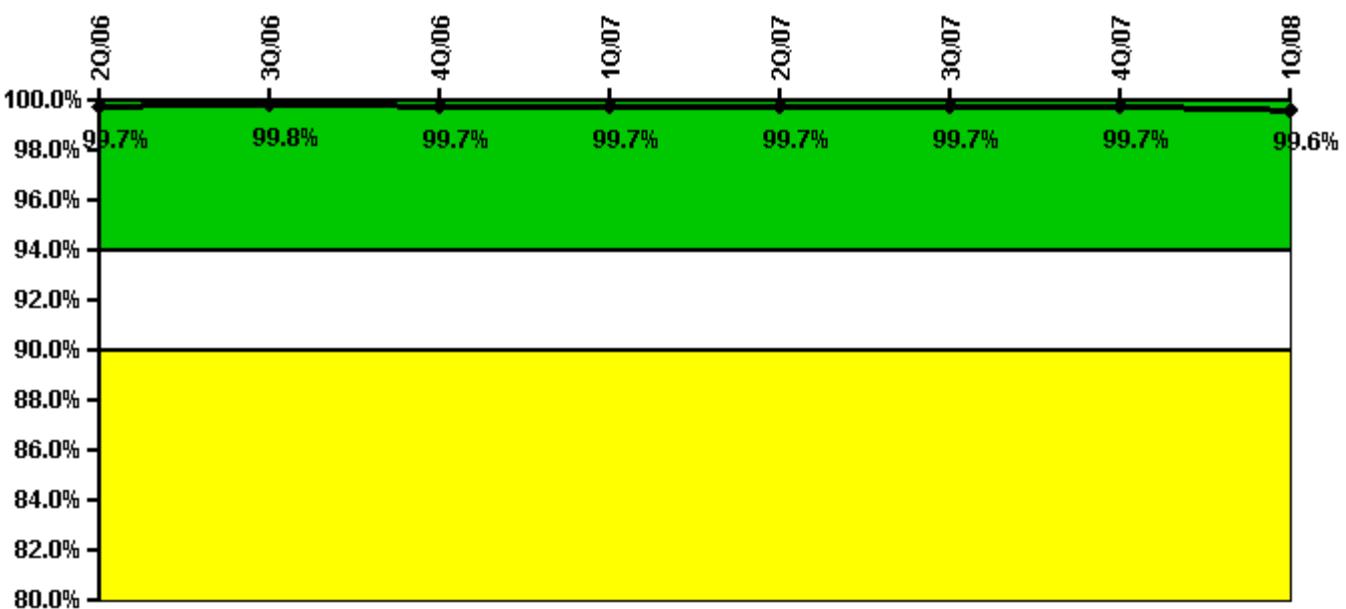
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Participating Key personnel	66.0	65.0	66.0	63.0	65.0	63.0	60.0	62.0
Total Key personnel	66.0	65.0	66.0	63.0	65.0	63.0	62.0	63.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	96.8%	98.4%

Licensee Comments: none

Alert & Notification System



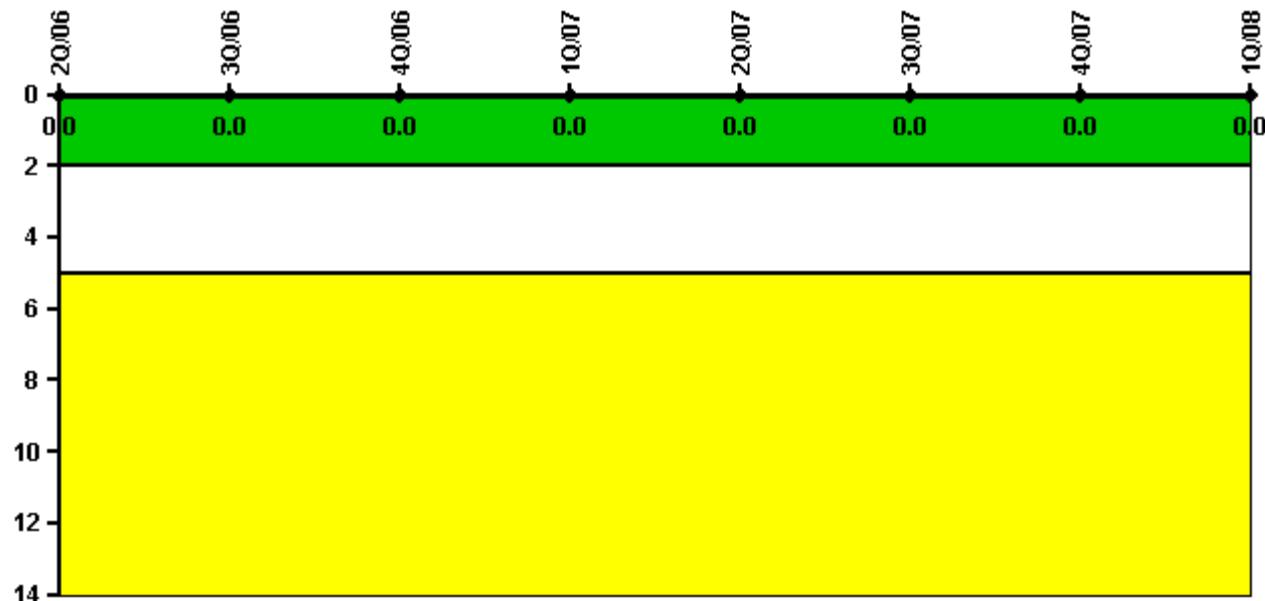
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Successful siren-tests	4979	4971	4902	4985	4977	4961	4982	4970
Total sirens-tests	4991	4992	4914	4992	4990	4992	4992	4992
Indicator value	99.7%	99.8%	99.7%	99.7%	99.7%	99.7%	99.7%	99.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness



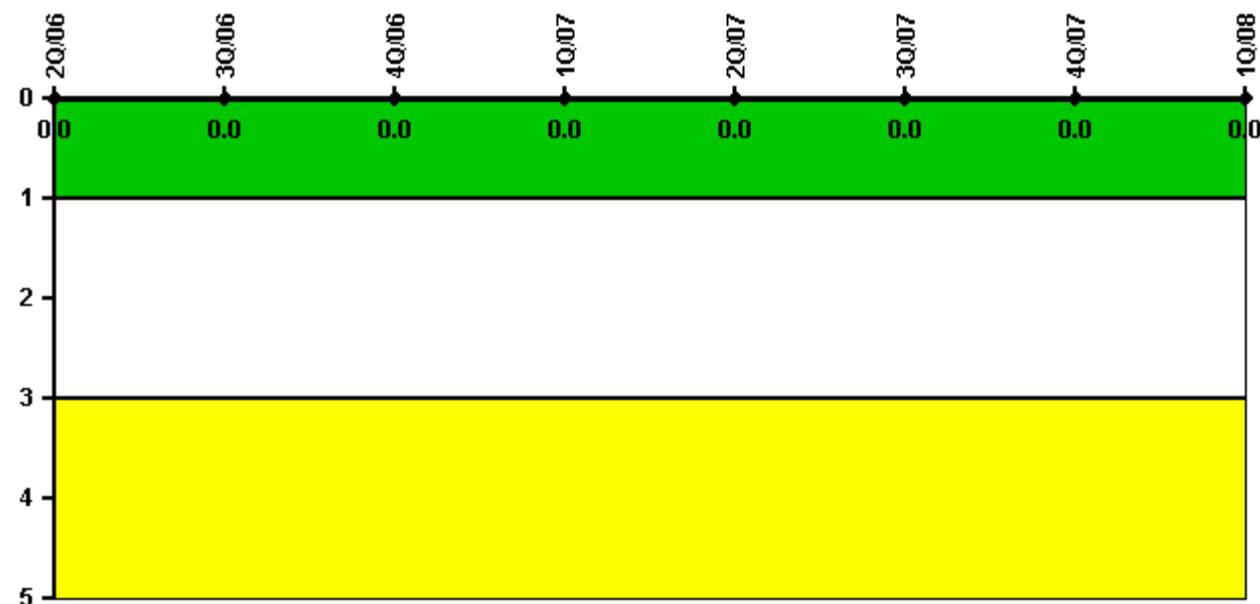
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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

Dresden 2

2Q/2008 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



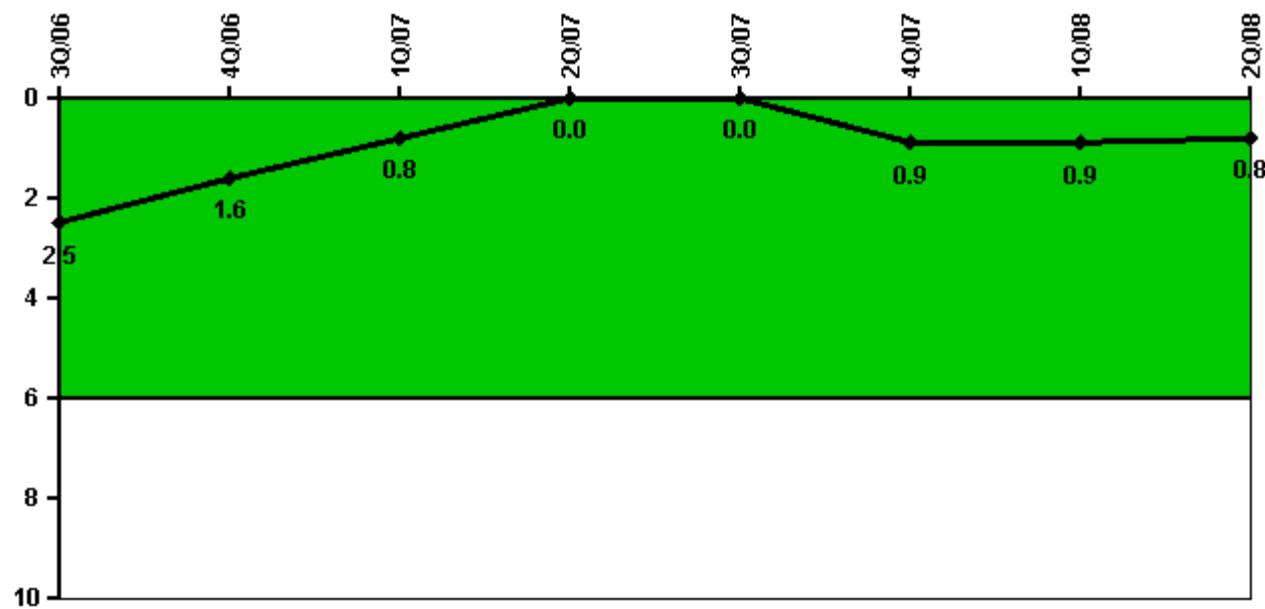
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	1.0	0	0	0	0
Critical hours	2168.9	2003.2	2159.0	2117.1	2208.0	1723.9	2183.0	2184.0
Indicator value	0.8	0.8	0.8	1.7	0.8	0.9	0.9	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



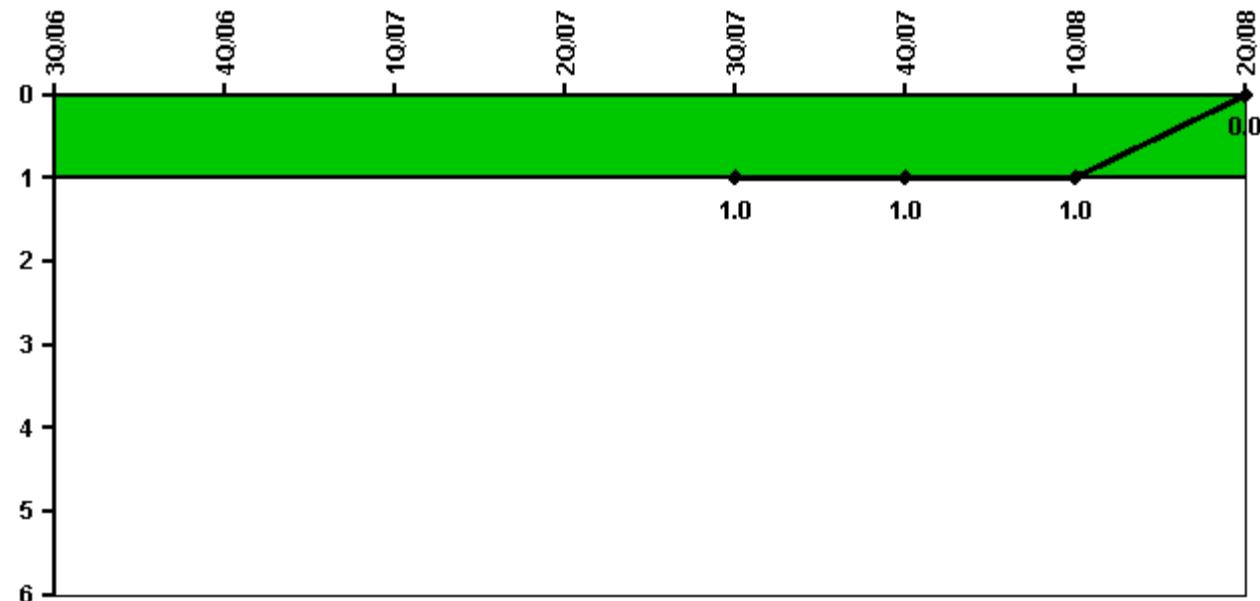
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Unplanned power changes	0	0	0	0	0	1.0	0	0
Critical hours	2168.9	2003.2	2159.0	2117.1	2208.0	1723.9	2183.0	2184.0
Indicator value	2.5	1.6	0.8	0	0	0.9	0.9	0.8

Licensee Comments: none

Unplanned Scrams with Complications



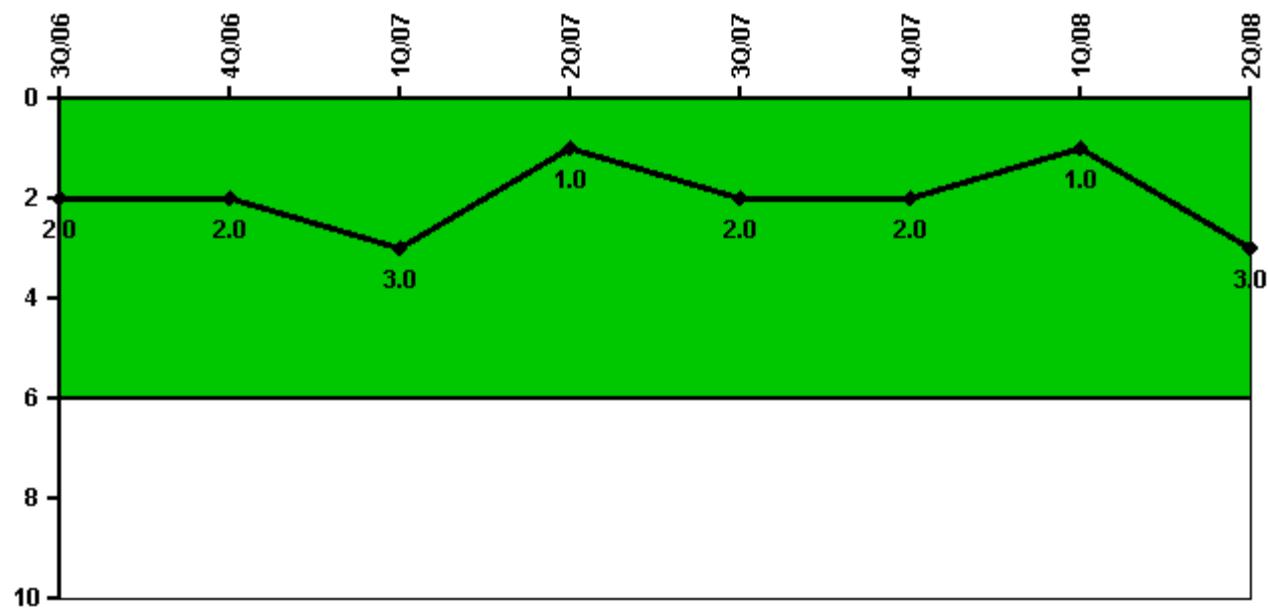
Thresholds: White > 1.0

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	1.0	0	0	0	0
Indicator value					1.0	1.0	1.0	0.0

Licensee Comments: none

Safety System Functional Failures (BWR)



Thresholds: White > 6.0

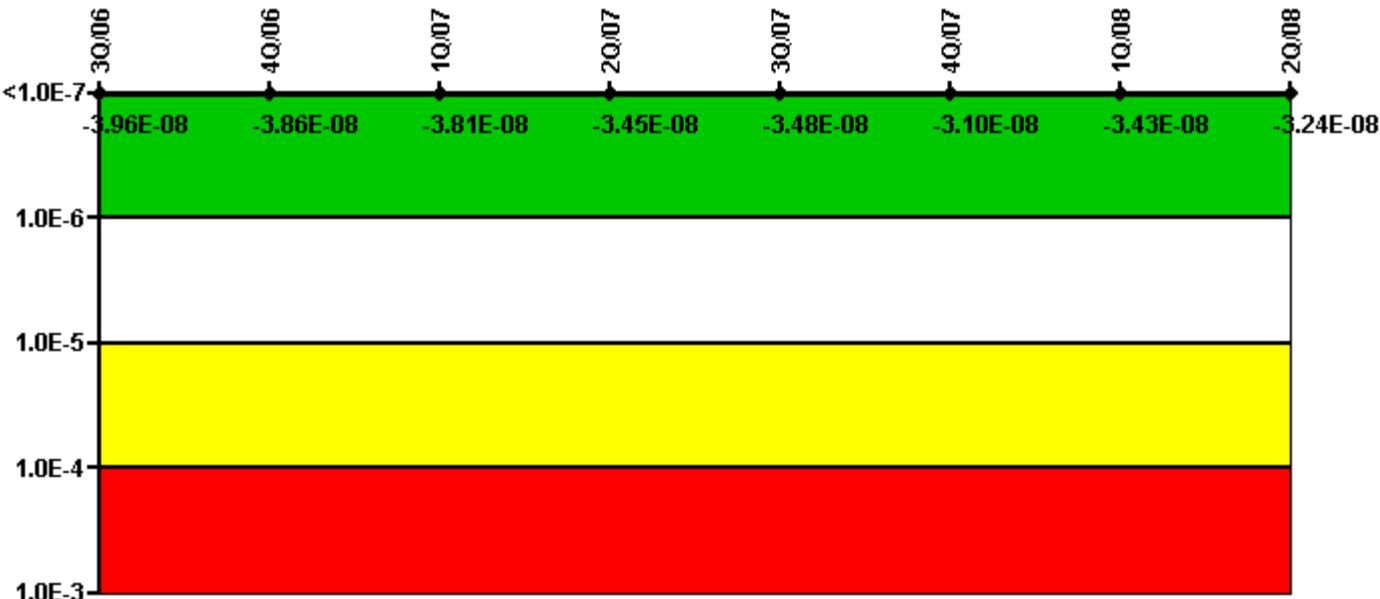
Notes

Safety System Functional Failures (BWR)	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Safety System Functional Failures	0	0	1	0	1	0	0	2
Indicator value	2	2	3	1	2	2	1	3

Licensee Comments:

2Q/08: See LER 237/2008-002-00, "Unit 2 High Pressure Coolant Injection System Declared Inoperable," for SSFF reported on 6/16/2008. See LER 237/2008-003-00, "Control Room Emergency Ventilation Air Conditioning System Inoperable Due To Excessive Vibration," for SSFF reported on 6/23/2008.

Mitigating Systems Performance Index, Emergency AC Power System



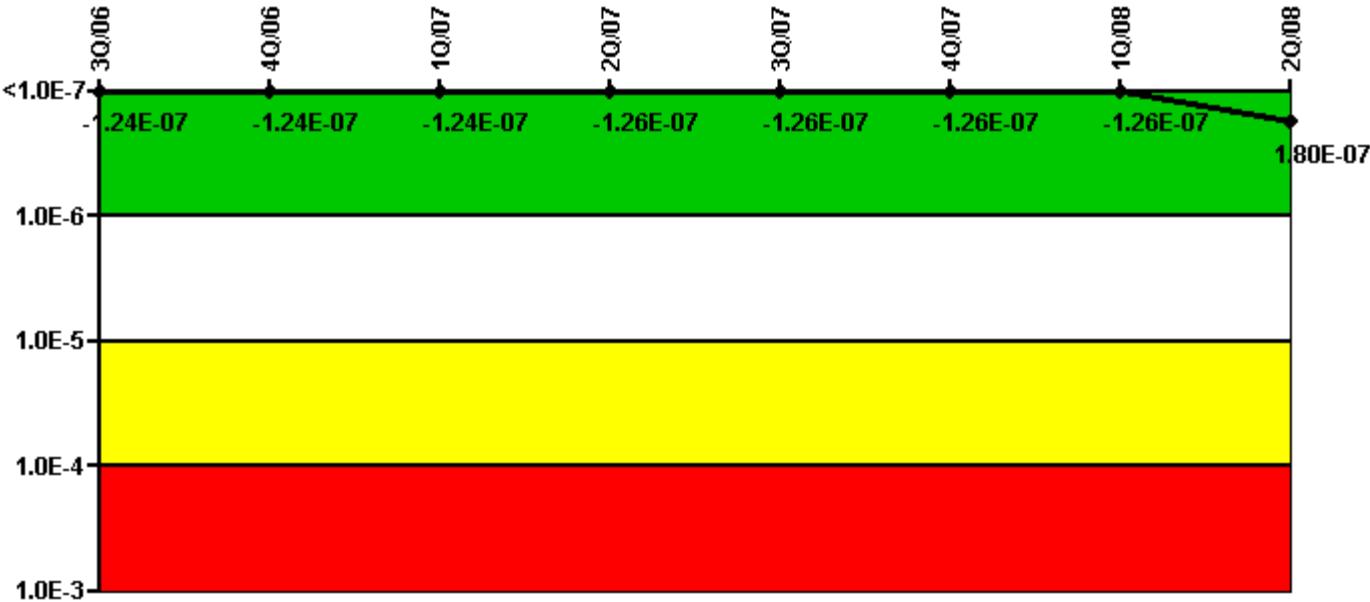
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

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)	-4.60E-09	-4.60E-09	-2.10E-09	2.50E-09	2.20E-09	6.00E-09	7.20E-10	5.90E-10
URI (Δ CDF)	-3.50E-08	-3.40E-08	-3.60E-08	-3.70E-08	-3.70E-08	-3.70E-08	-3.50E-08	-3.30E-08
PLE	NO							
Indicator value	-3.96E-08	-3.86E-08	-3.81E-08	-3.45E-08	-3.48E-08	-3.10E-08	-3.43E-08	-3.24E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



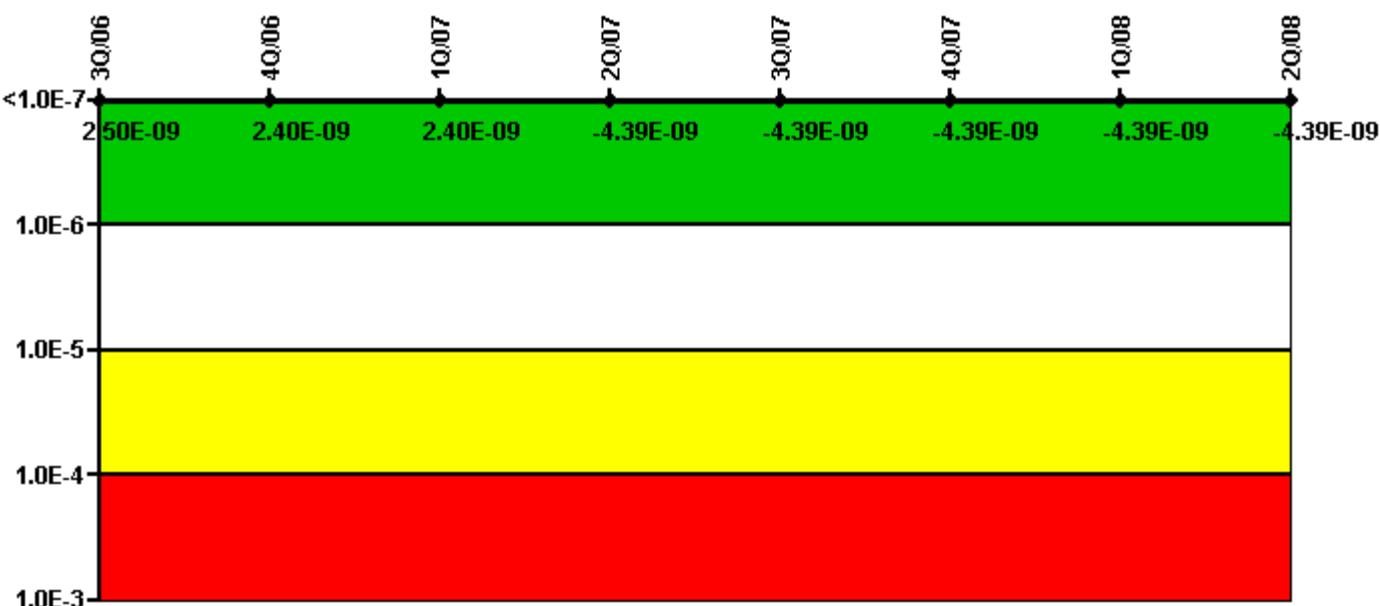
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (ΔCDF)	-5.20E-08	-4.00E-08						
URI (ΔCDF)	-7.20E-08	-7.20E-08	-7.20E-08	-7.40E-08	-7.40E-08	-7.40E-08	-7.40E-08	2.20E-07
PLE	NO	NO						
Indicator value	-1.24E-07	-1.24E-07	-1.24E-07	-1.26E-07	-1.26E-07	-1.26E-07	-1.26E-07	1.80E-07

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



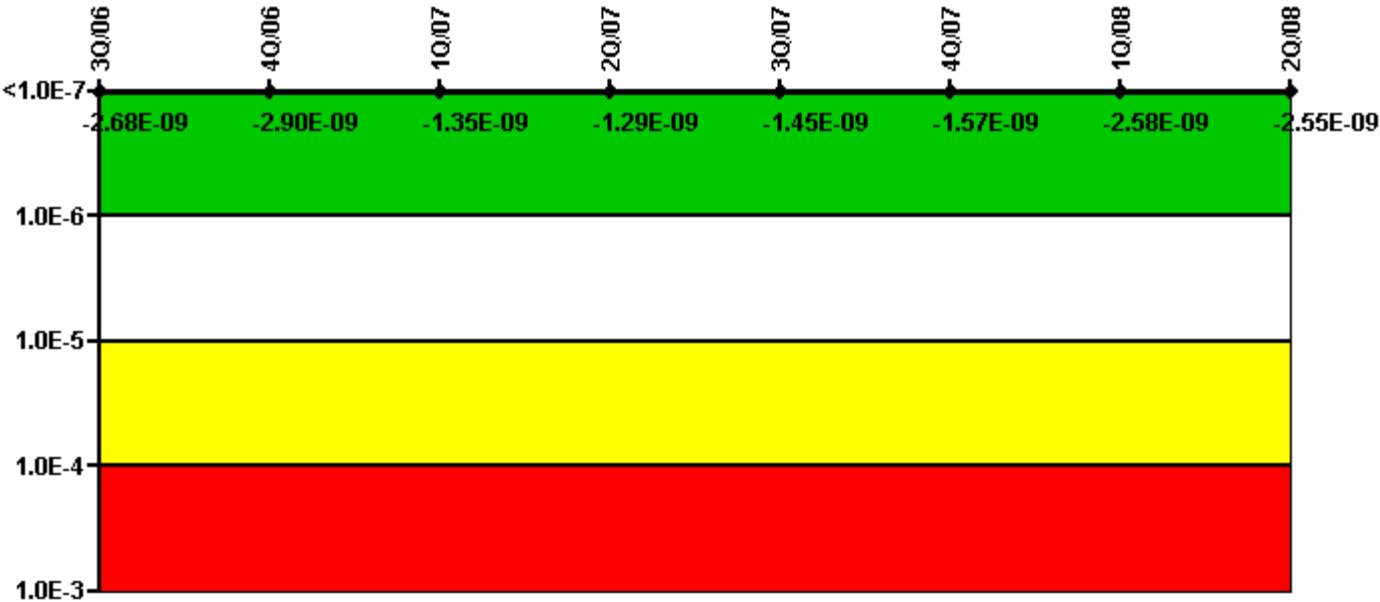
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (ΔCDF)	-1.40E-09	-1.50E-09	-1.50E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09
URI (ΔCDF)	3.90E-09	3.90E-09	3.90E-09	-8.80E-11	-8.80E-11	-8.80E-11	-8.80E-11	-8.80E-11
PLE	NO							
Indicator value	2.50E-09	2.40E-09	2.40E-09	-4.39E-09	-4.39E-09	-4.39E-09	-4.39E-09	-4.39E-09

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



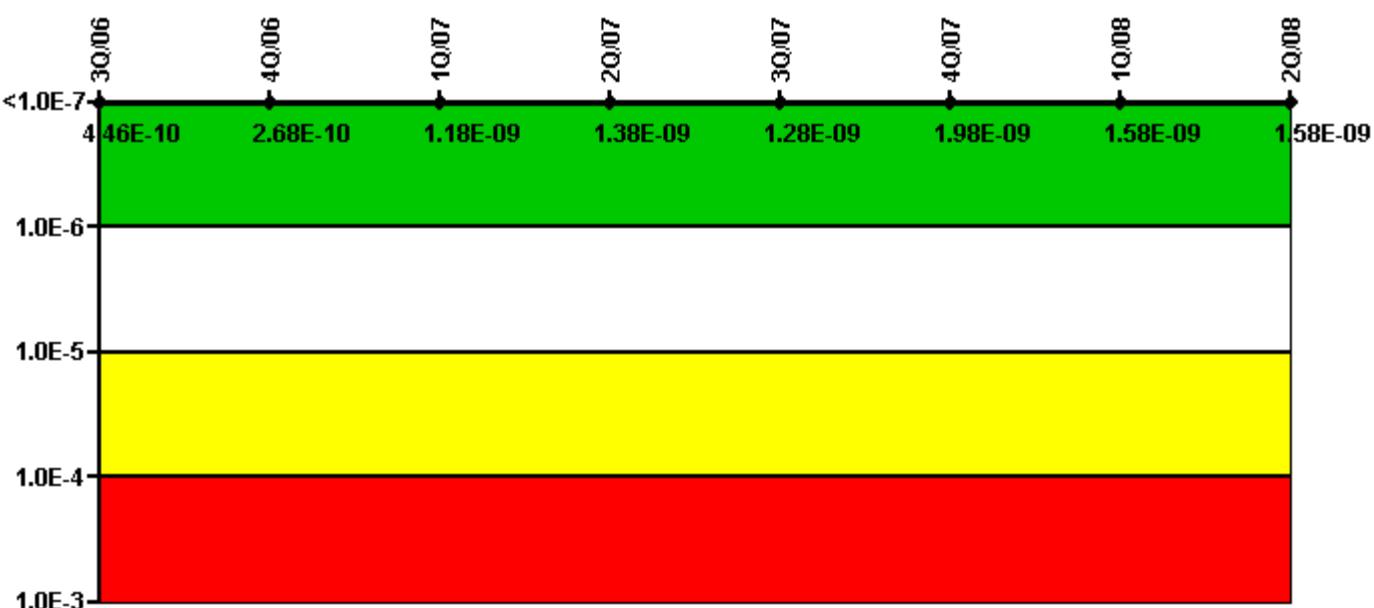
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (Δ CDF)	-9.80E-10	-1.30E-09	3.50E-10	4.10E-10	2.50E-10	1.30E-10	-8.80E-10	-7.50E-10
URI (Δ CDF)	-1.70E-09	-1.60E-09	-1.70E-09	-1.70E-09	-1.70E-09	-1.70E-09	-1.70E-09	-1.80E-09
PLE	NO							
Indicator value	-2.68E-09	-2.90E-09	-1.35E-09	-1.29E-09	-1.45E-09	-1.57E-09	-2.58E-09	-2.55E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



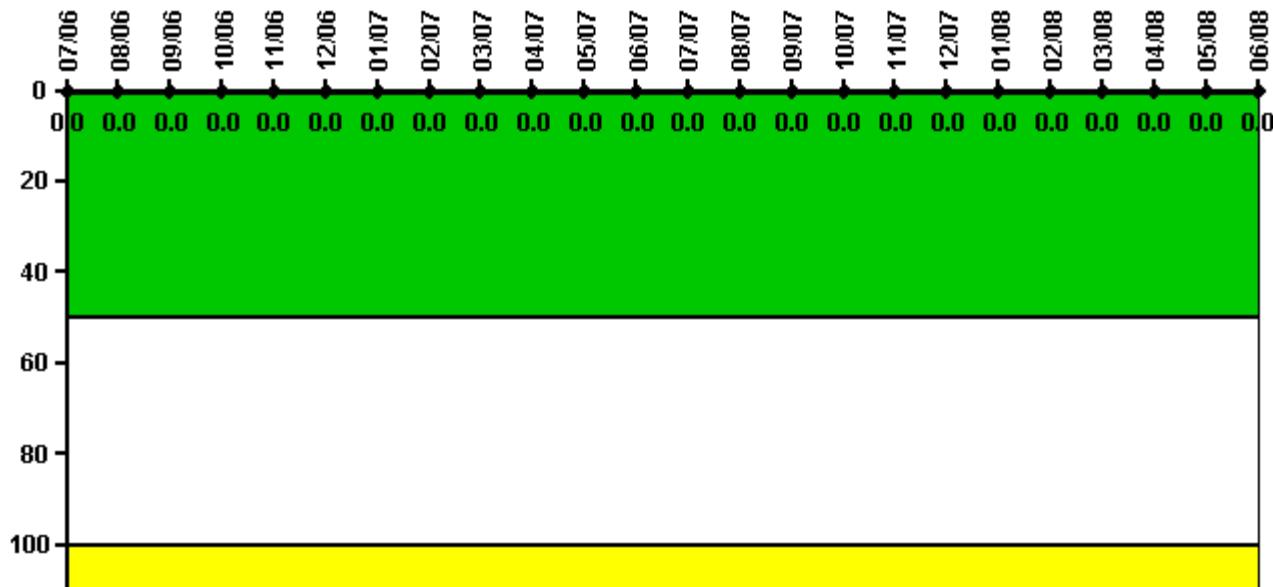
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	4.70E-10	2.90E-10	1.20E-09	1.40E-09	1.30E-09	2.00E-09	1.60E-09	1.60E-09
URI (Δ CDF)	-2.40E-11	-2.20E-11	-2.30E-11	-2.30E-11	-2.30E-11	-2.20E-11	-2.20E-11	-2.40E-11
PLE	NO							
Indicator value	4.46E-10	2.68E-10	1.18E-09	1.38E-09	1.28E-09	1.98E-09	1.58E-09	1.58E-09

Licensee Comments: none

Reactor Coolant System Activity



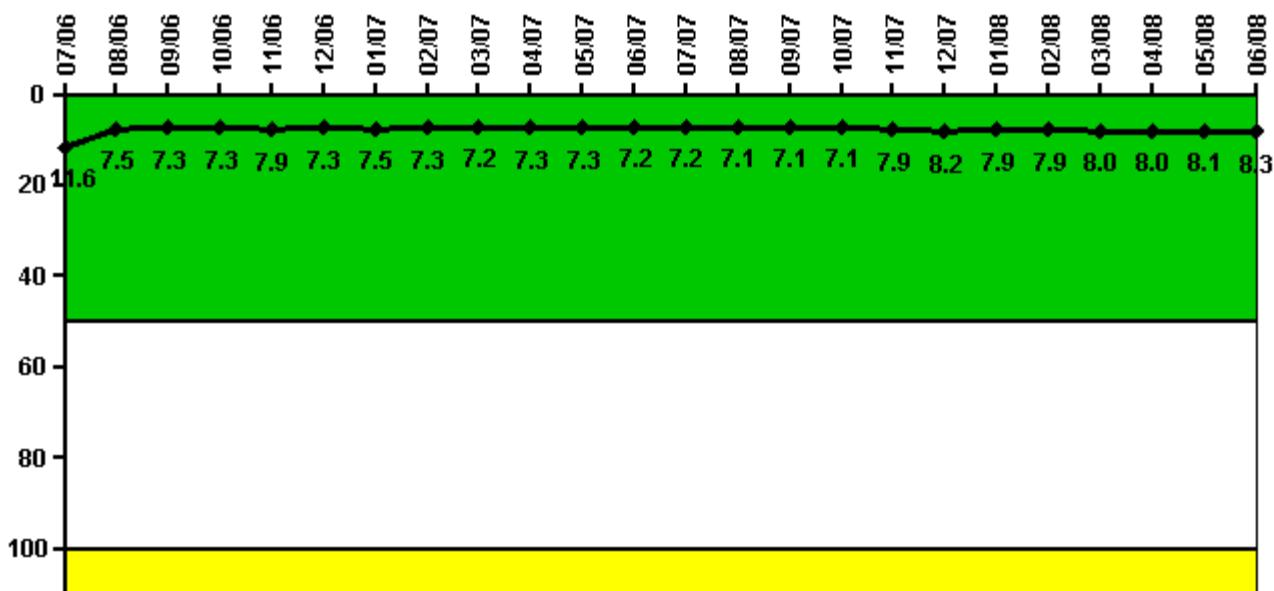
Thresholds: White > 50.0 Yellow > 100.0

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	0.000004	0.000003	0.000003	0.000003	0.000004	0.000004	0.000003	0.000003	0.000003	0.000003	0.000007	0.000009
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	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	0.000004	0.000003	0.000005	0.000005	0.000008	0.000006	0.000006	0.000025	0.000003	0.000003	0.000003	0.000002
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



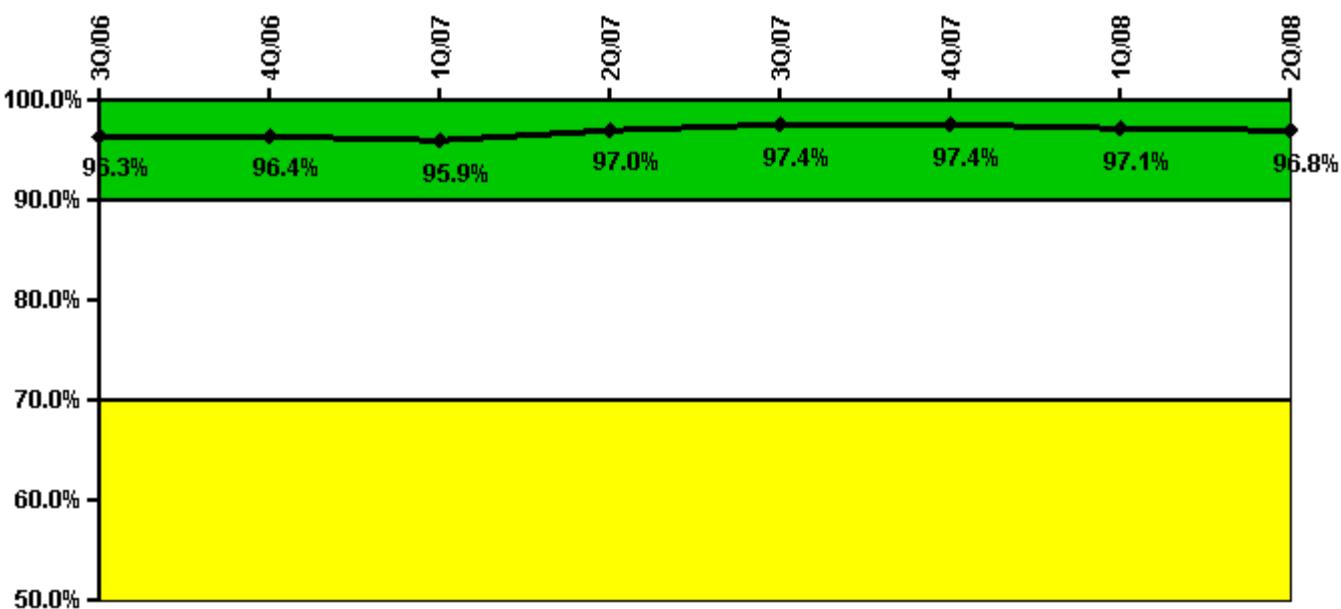
Thresholds: White > 50.0 Yellow > 100.0

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	2.900	1.867	1.832	1.832	1.965	1.813	1.877	1.818	1.810	1.817	1.813	1.792
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	11.6	7.5	7.3	7.3	7.9	7.3	7.5	7.3	7.2	7.3	7.3	7.2
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	1.805	1.785	1.773	1.785	1.983	2.042	1.967	1.983	1.995	1.995	2.030	2.080
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	7.2	7.1	7.1	7.1	7.9	8.2	7.9	7.9	8.0	8.0	8.1	8.3

Licensee Comments: none

Drill/Exercise Performance



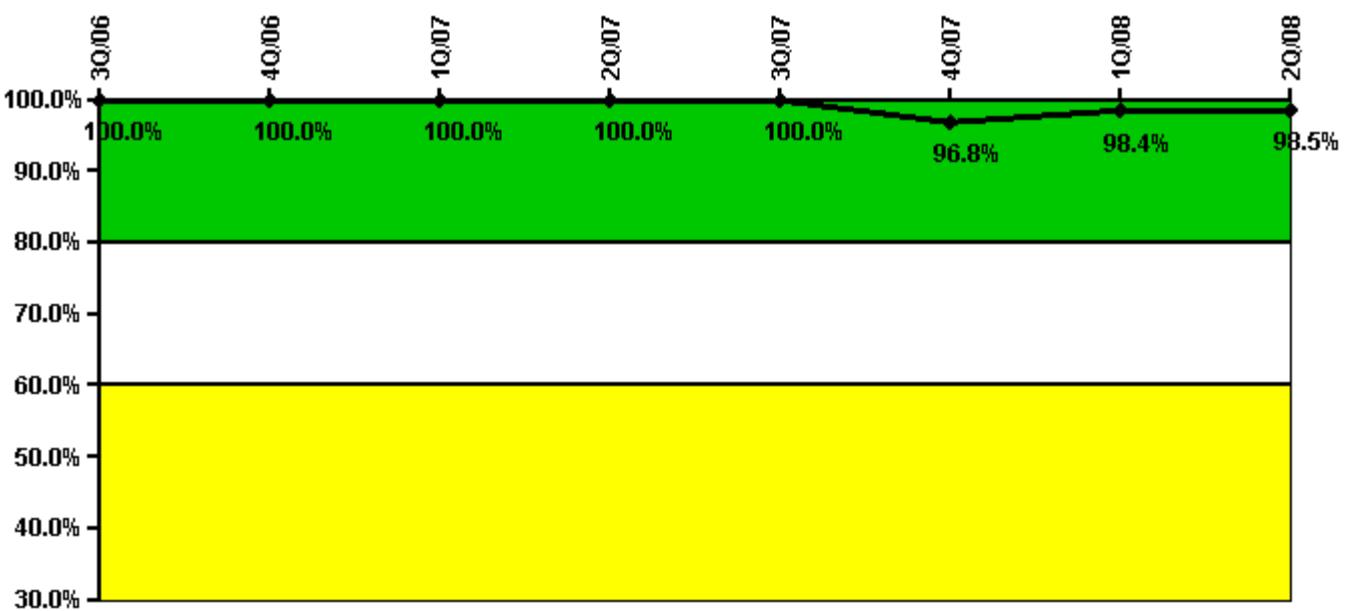
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Successful opportunities	14.0	12.0	50.0	54.0	40.0	2.0	24.0	16.0
Total opportunities	19.0	12.0	52.0	54.0	40.0	2.0	24.0	16.0
Indicator value	96.3%	96.4%	95.9%	97.0%	97.4%	97.4%	97.1%	96.8%

Licensee Comments: none

ERO Drill Participation



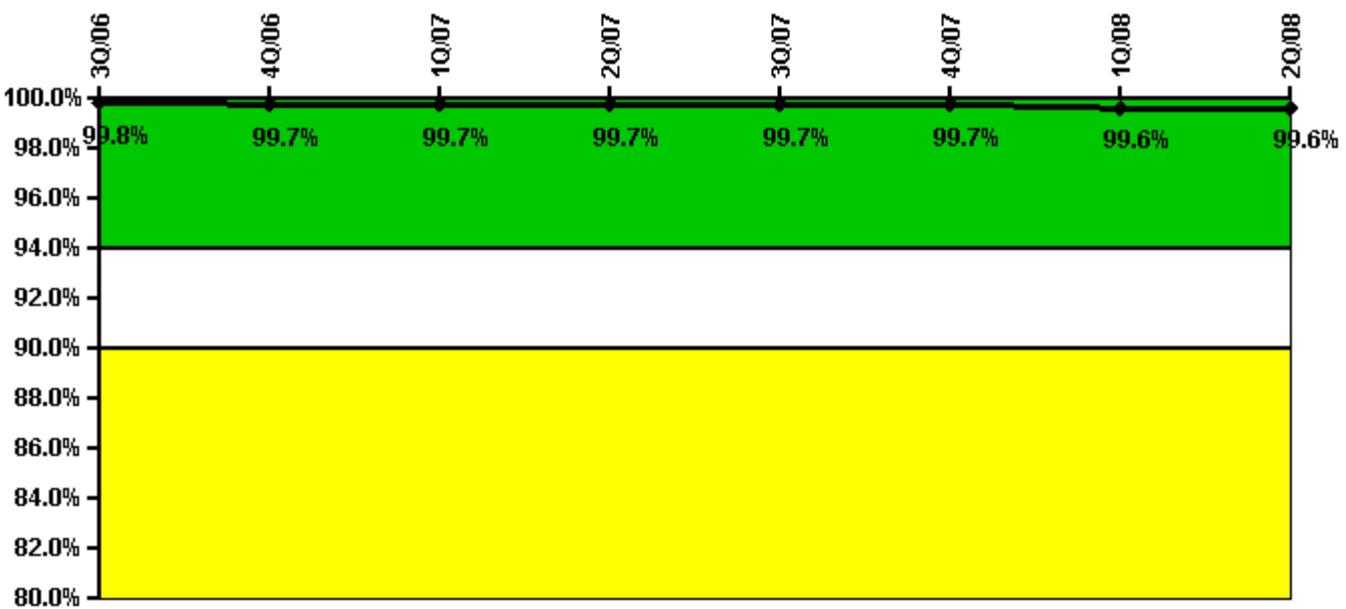
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Participating Key personnel	65.0	66.0	63.0	65.0	63.0	60.0	62.0	67.0
Total Key personnel	65.0	66.0	63.0	65.0	63.0	62.0	63.0	68.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	96.8%	98.4%	98.5%

Licensee Comments: none

Alert & Notification System



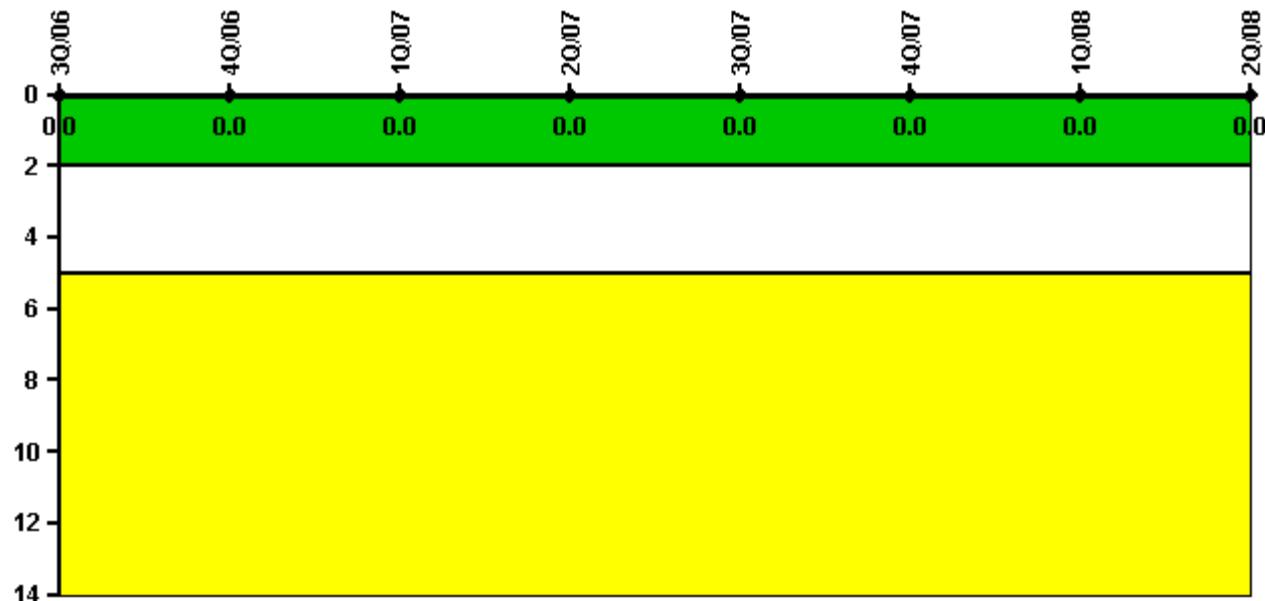
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Successful siren-tests	4971	4902	4985	4977	4961	4982	4970	4972
Total sirens-tests	4992	4914	4992	4990	4992	4992	4992	4992
Indicator value	99.8%	99.7%	99.7%	99.7%	99.7%	99.7%	99.6%	99.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness



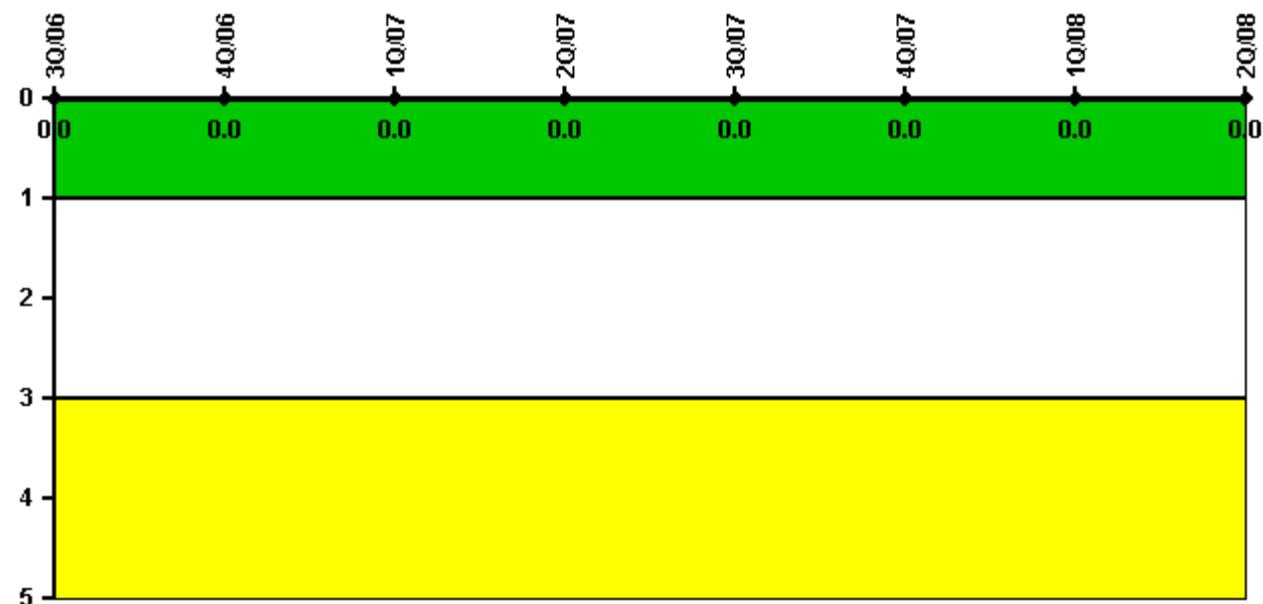
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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](#)

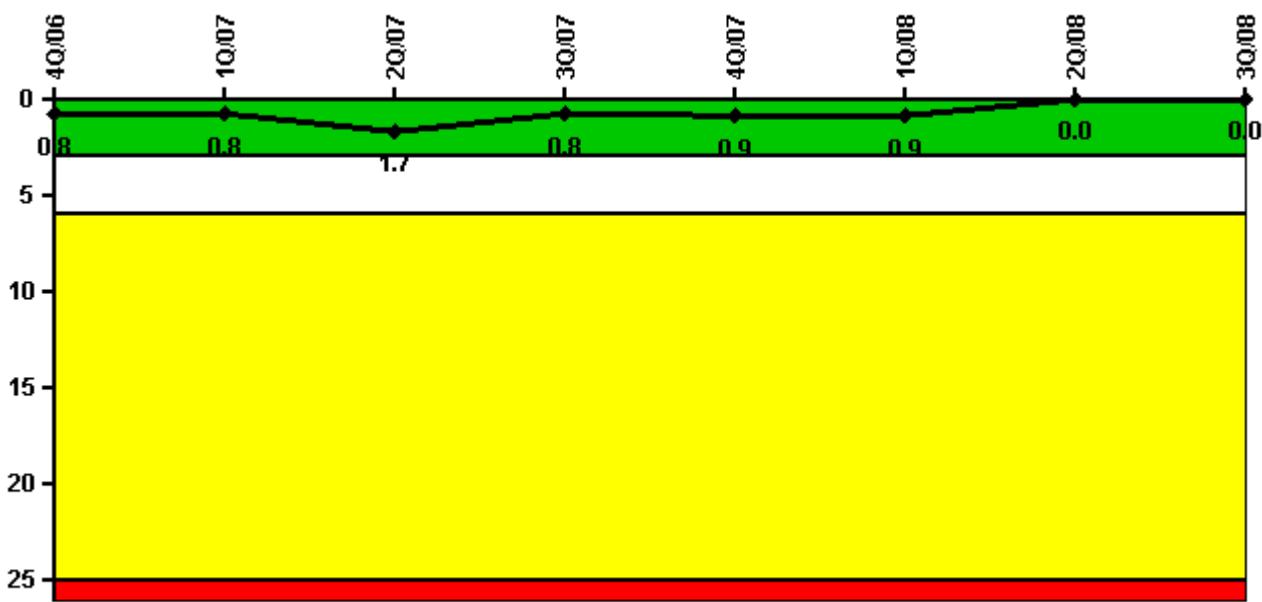
Last Modified: August 4, 2008

Dresden 2

3Q/2008 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



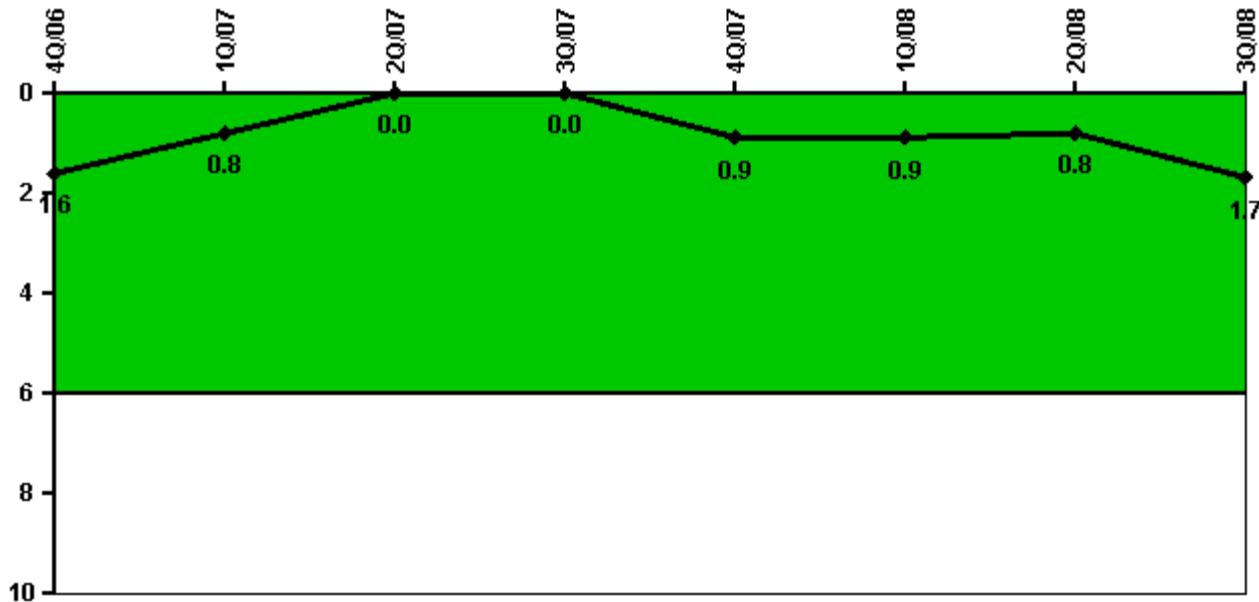
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0	0	0
Critical hours	2003.2	2159.0	2117.1	2208.0	1723.9	2183.0	2184.0	2087.4
Indicator value	0.8	0.8	1.7	0.8	0.9	0.9	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



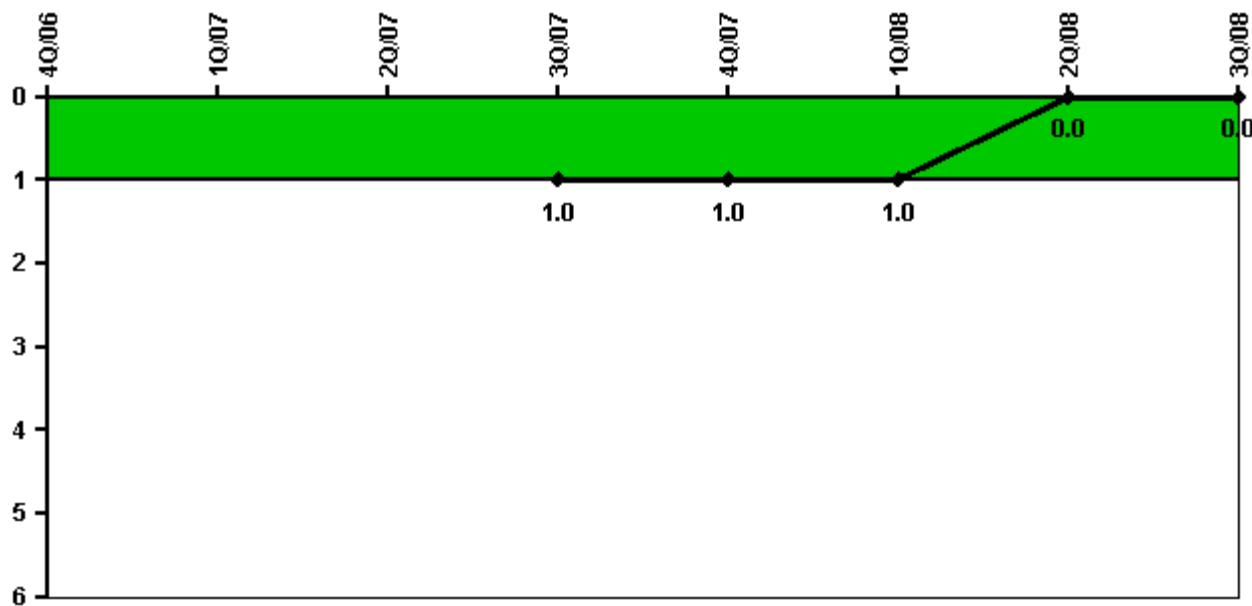
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Unplanned power changes	0	0	0	0	1.0	0	0	1.0
Critical hours	2003.2	2159.0	2117.1	2208.0	1723.9	2183.0	2184.0	2087.4
Indicator value	1.6	0.8	0	0	0.9	0.9	0.8	1.7

Licensee Comments: none

Unplanned Scrams with Complications



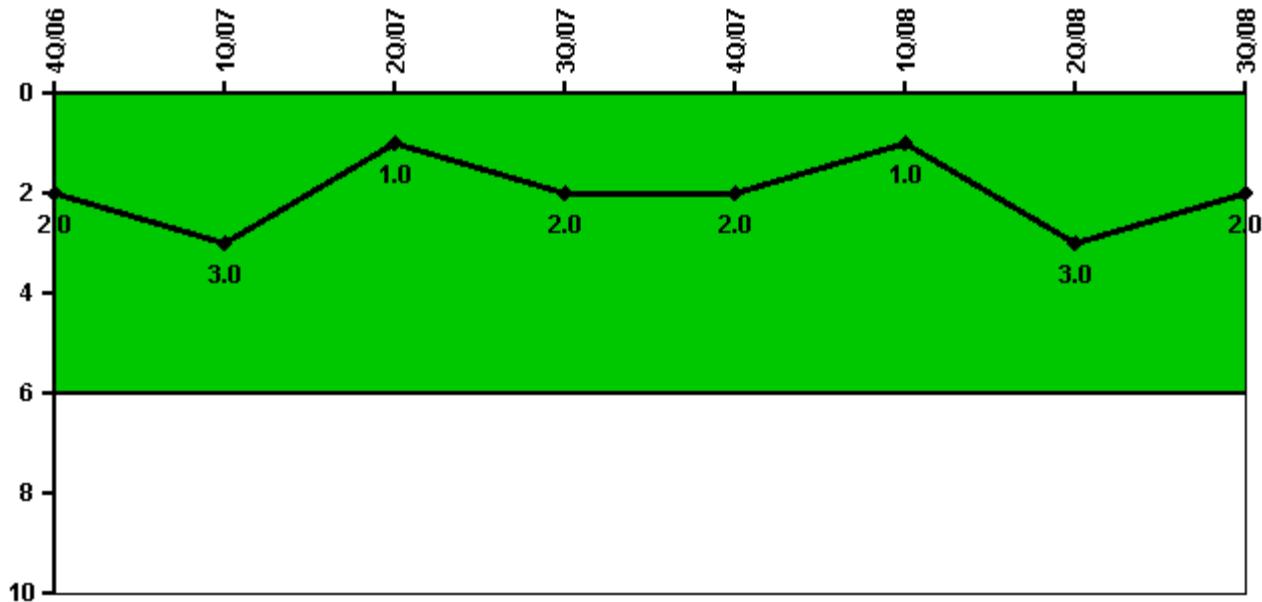
Thresholds: White > 1.0

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	1.0	0	0	0	0	0
Indicator value				1.0	1.0	1.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (BWR)



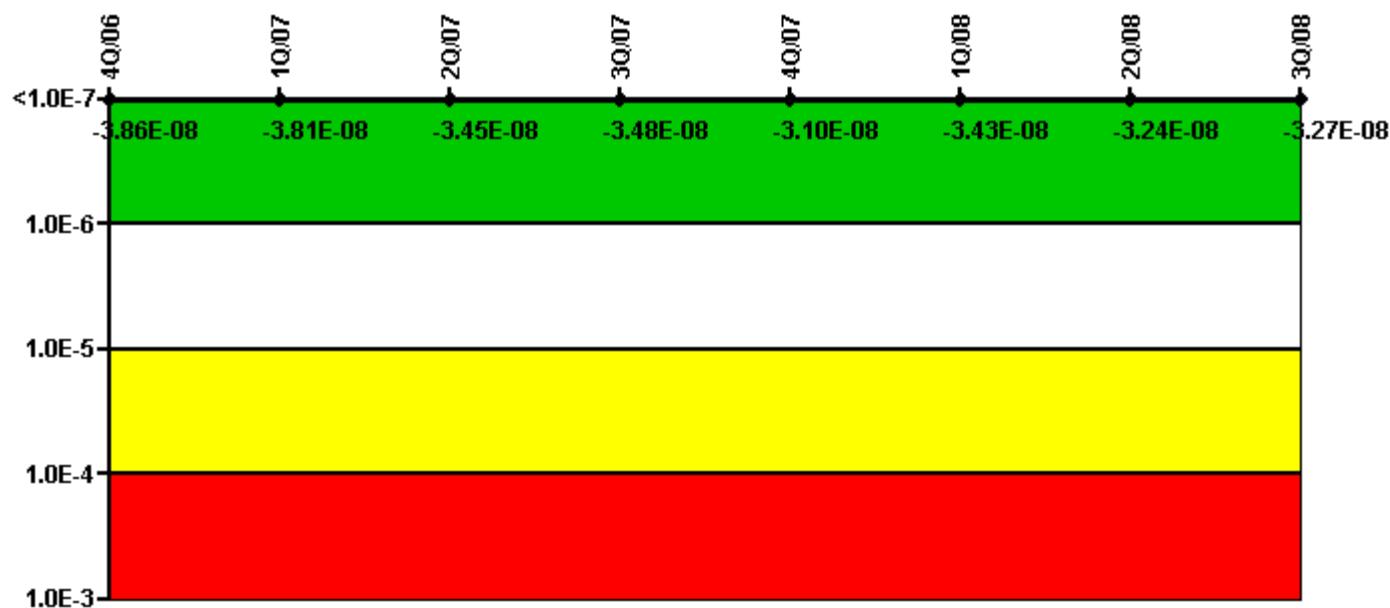
Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Safety System Functional Failures	0	1	0	1	0	0	2	0
Indicator value	2	3	1	2	2	1	3	2

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



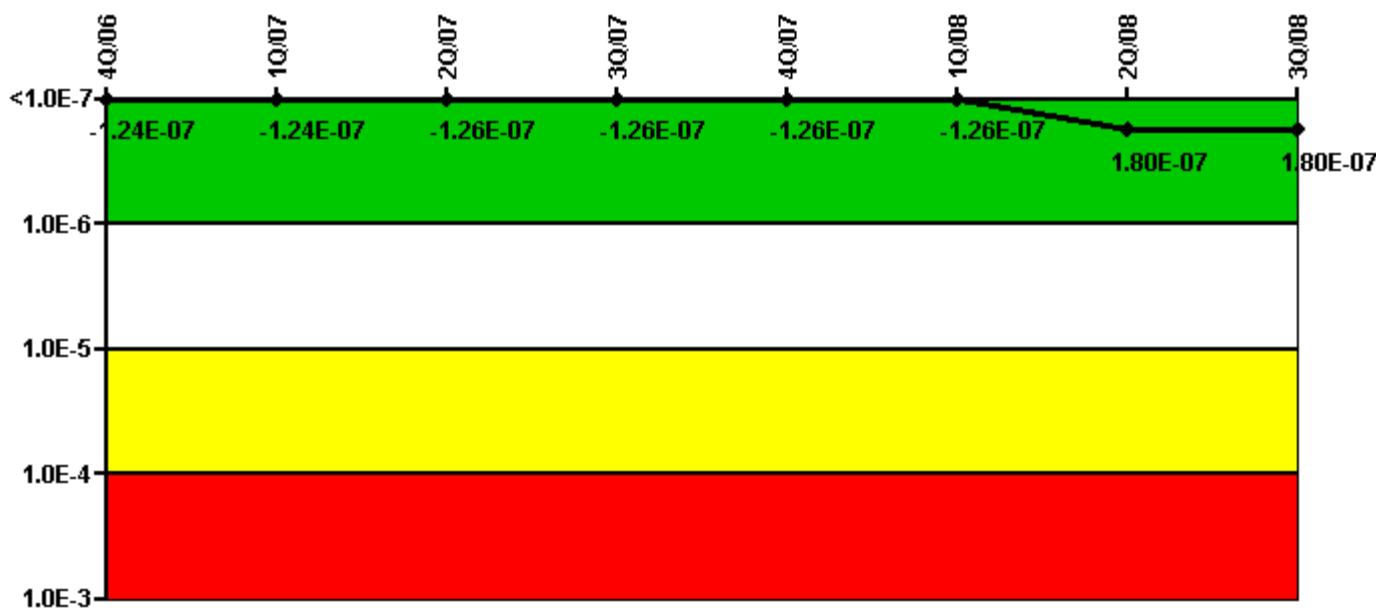
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	-4.60E-09	-2.10E-09	2.50E-09	2.20E-09	6.00E-09	7.20E-10	5.90E-10	3.50E-10
URI (Δ CDF)	-3.40E-08	-3.60E-08	-3.70E-08	-3.70E-08	-3.70E-08	-3.50E-08	-3.30E-08	-3.30E-08
PLE	NO							
Indicator value	-3.86E-08	-3.81E-08	-3.45E-08	-3.48E-08	-3.10E-08	-3.43E-08	-3.24E-08	-3.27E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



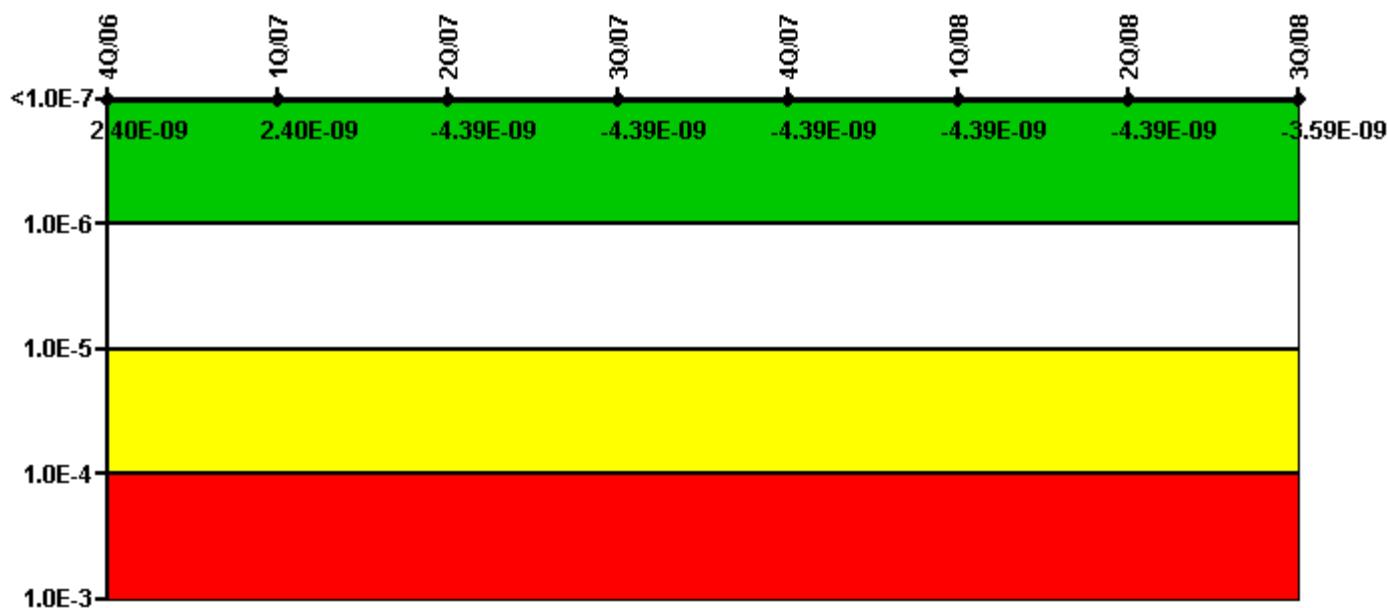
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI (Δ CDF)	-5.20E-08	-5.20E-08	-5.20E-08	-5.20E-08	-5.20E-08	-5.20E-08	-4.00E-08	-4.00E-08
URI (Δ CDF)	-7.20E-08	-7.20E-08	-7.40E-08	-7.40E-08	-7.40E-08	-7.40E-08	2.20E-07	2.20E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.24E-07	-1.24E-07	-1.26E-07	-1.26E-07	-1.26E-07	-1.26E-07	1.80E-07	1.80E-07

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



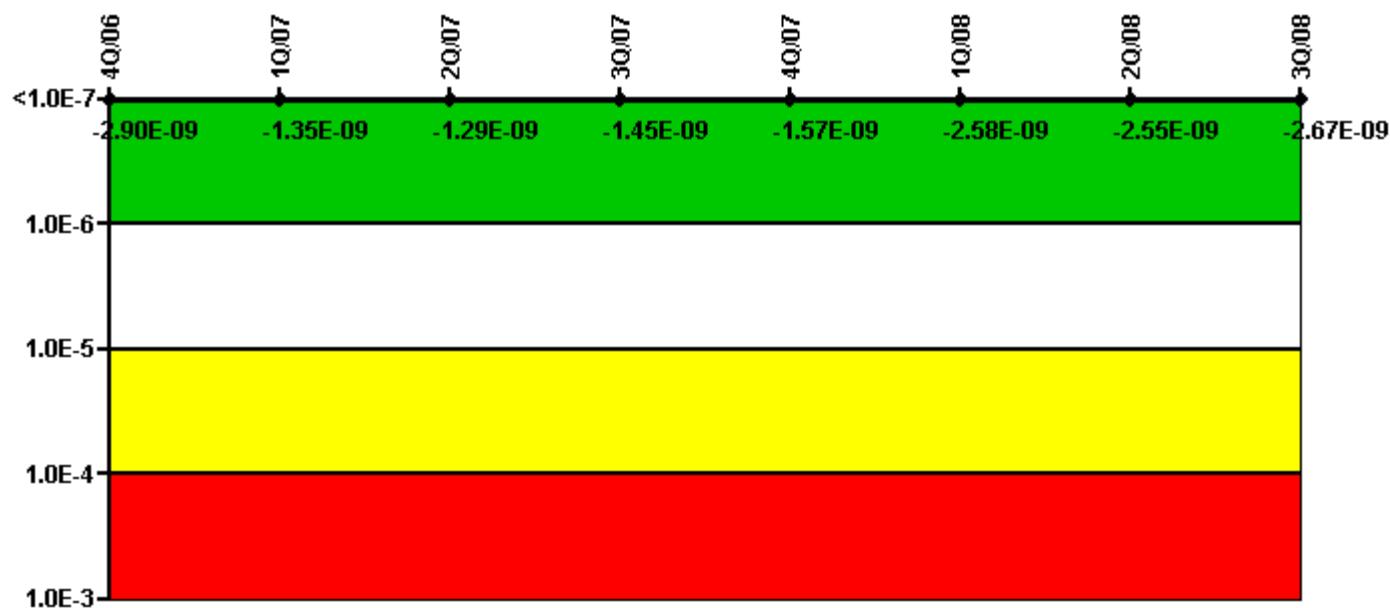
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI (ΔCDF)	-1.50E-09	-1.50E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-3.50E-09
URI (ΔCDF)	3.90E-09	3.90E-09	-8.80E-11	-8.80E-11	-8.80E-11	-8.80E-11	-8.80E-11	-8.80E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.40E-09	2.40E-09	-4.39E-09	-4.39E-09	-4.39E-09	-4.39E-09	-4.39E-09	-3.59E-09

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



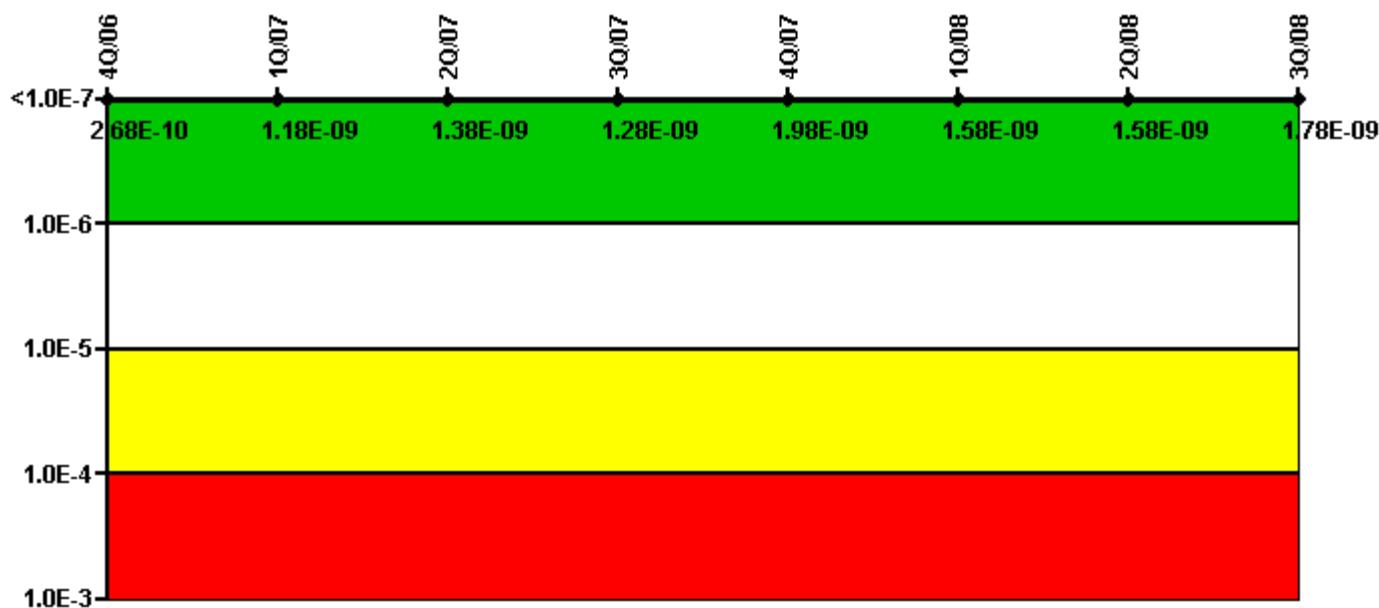
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI (Δ CDF)	-1.30E-09	3.50E-10	4.10E-10	2.50E-10	1.30E-10	-8.80E-10	-7.50E-10	-7.70E-10
URI (Δ CDF)	-1.60E-09	-1.70E-09	-1.70E-09	-1.70E-09	-1.70E-09	-1.70E-09	-1.80E-09	-1.90E-09
PLE	NO							
Indicator value	-2.90E-09	-1.35E-09	-1.29E-09	-1.45E-09	-1.57E-09	-2.58E-09	-2.55E-09	-2.67E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



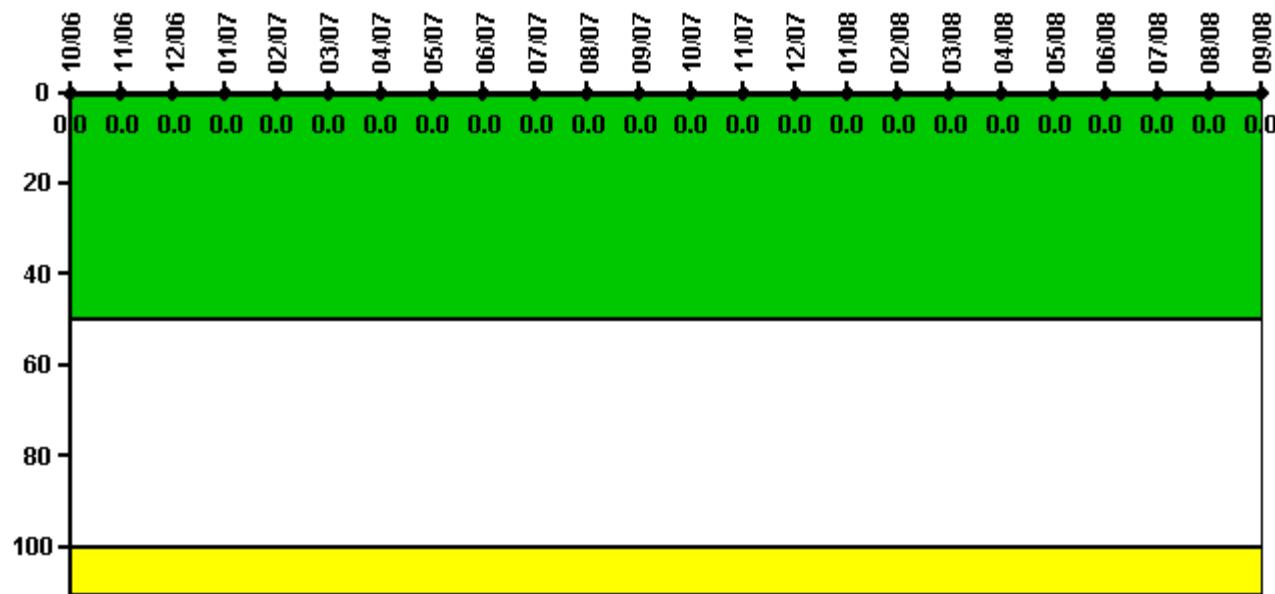
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	2.90E-10	1.20E-09	1.40E-09	1.30E-09	2.00E-09	1.60E-09	1.60E-09	1.80E-09
URI (Δ CDF)	-2.20E-11	-2.30E-11	-2.30E-11	-2.30E-11	-2.20E-11	-2.20E-11	-2.40E-11	-2.50E-11
PLE	NO							
Indicator value	2.68E-10	1.18E-09	1.38E-09	1.28E-09	1.98E-09	1.58E-09	1.58E-09	1.78E-09

Licensee Comments: none

Reactor Coolant System Activity



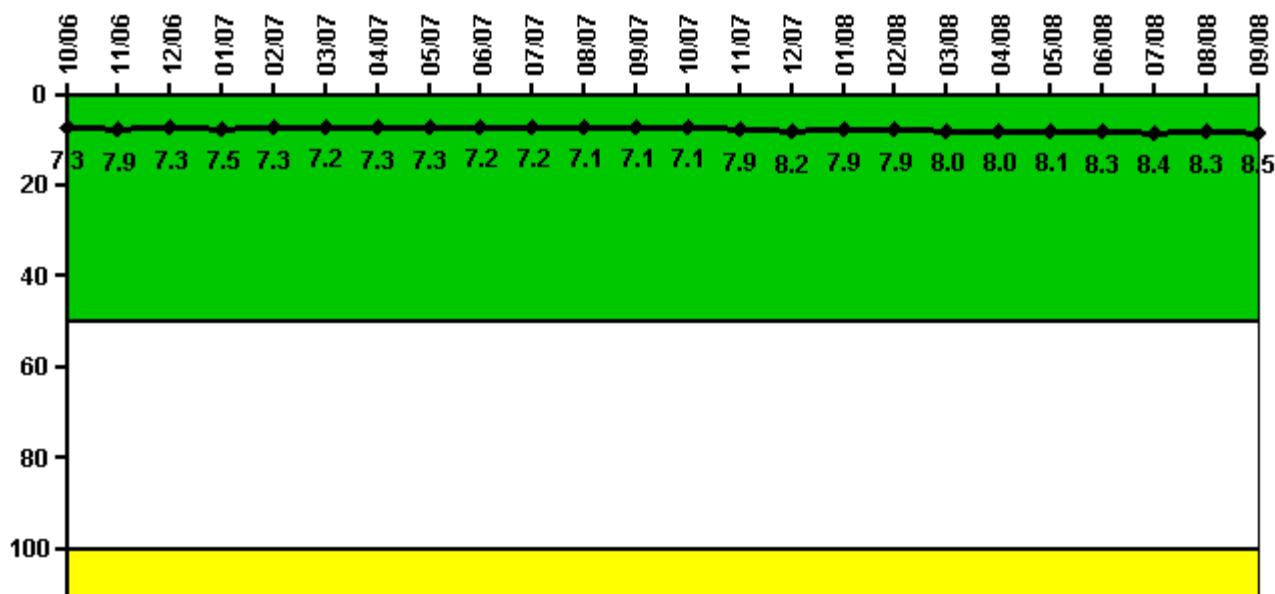
Thresholds: White > 50.0 Yellow > 100.0

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	0.000003	0.000004	0.000004	0.000003	0.000003	0.000003	0.000003	0.000007	0.000009	0.000004	0.000003	0.000005
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	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	0.000005	0.000008	0.000006	0.000006	0.000025	0.000003	0.000003	0.000003	0.000002	0.000002	0.000003	0.000002
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



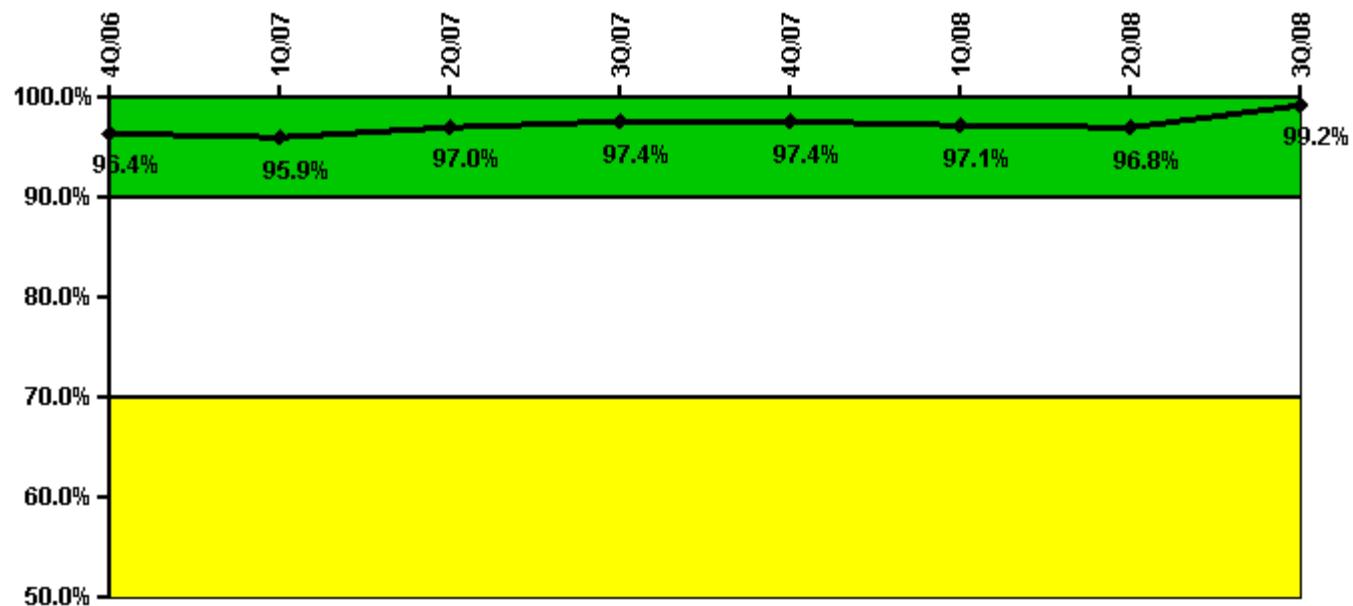
Thresholds: White > 50.0 Yellow > 100.0

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	1.832	1.965	1.813	1.877	1.818	1.810	1.817	1.813	1.792	1.805	1.785	1.773
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	7.3	7.9	7.3	7.5	7.3	7.2	7.3	7.3	7.2	7.2	7.1	7.1
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	1.785	1.983	2.042	1.967	1.983	1.995	1.995	2.030	2.080	2.105	2.083	2.115
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	7.1	7.9	8.2	7.9	7.9	8.0	8.0	8.1	8.3	8.4	8.3	8.5

Licensee Comments: none

Drill/Exercise Performance



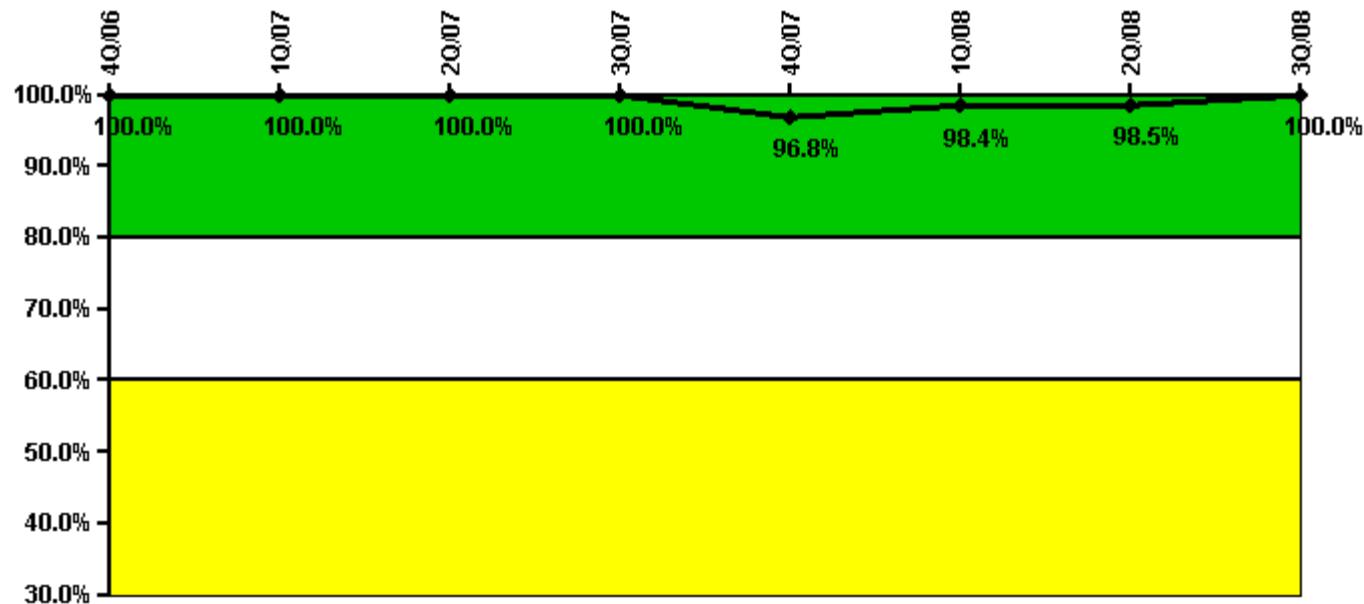
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Successful opportunities	12.0	50.0	54.0	40.0	2.0	24.0	16.0	40.0
Total opportunities	12.0	52.0	54.0	40.0	2.0	24.0	16.0	40.0
Indicator value	96.4%	95.9%	97.0%	97.4%	97.4%	97.1%	96.8%	99.2%

Licensee Comments: none

ERO Drill Participation



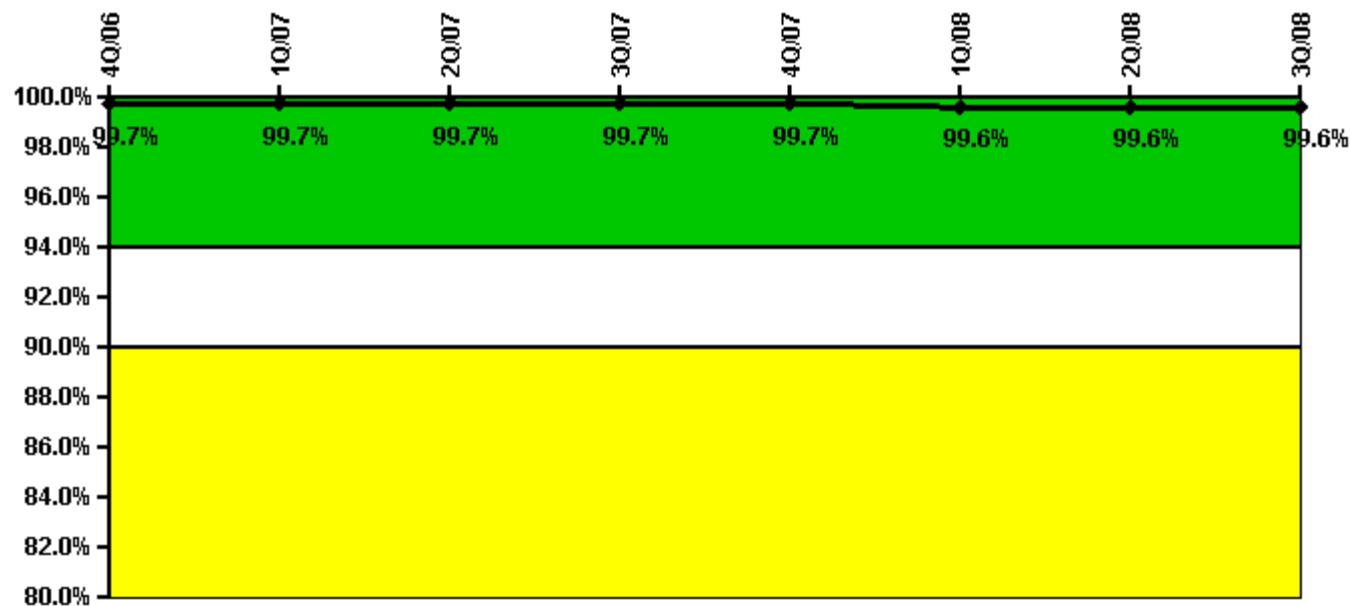
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Participating Key personnel	66.0	63.0	65.0	63.0	60.0	62.0	67.0	64.0
Total Key personnel	66.0	63.0	65.0	63.0	62.0	63.0	68.0	64.0
Indicator value	100.0%	100.0%	100.0%	100.0%	96.8%	98.4%	98.5%	100.0%

Licensee Comments: none

Alert & Notification System



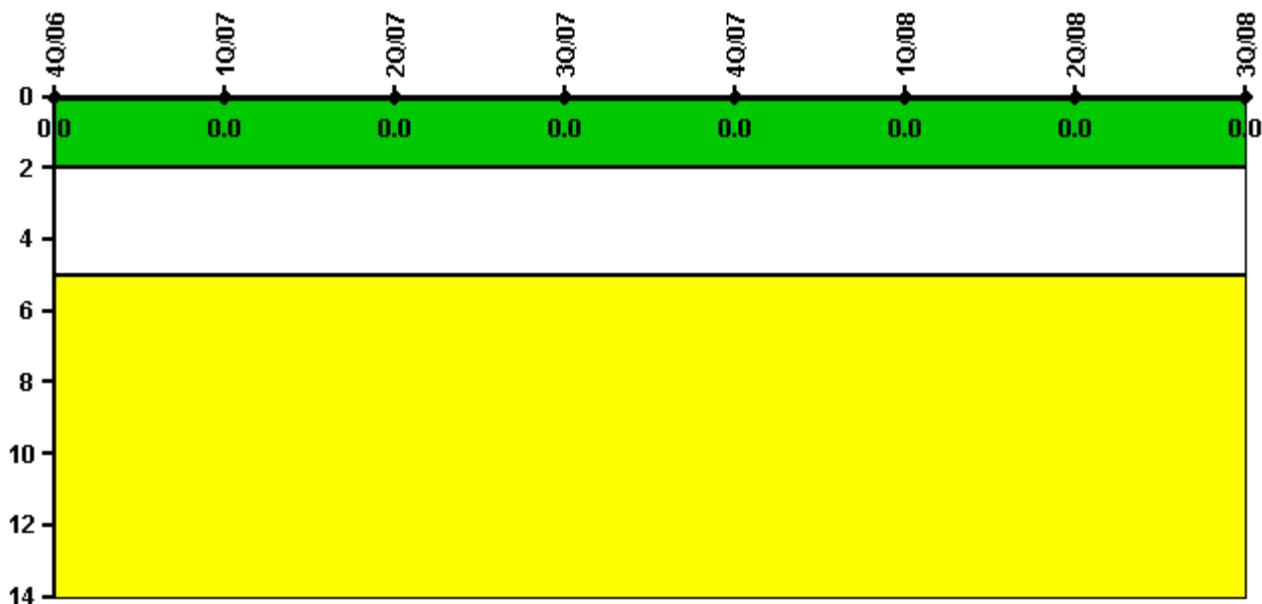
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Successful siren-tests	4902	4985	4977	4961	4982	4970	4972	5037
Total sirens-tests	4914	4992	4990	4992	4992	4992	4992	5070
Indicator value	99.7%	99.7%	99.7%	99.7%	99.7%	99.6%	99.6%	99.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness



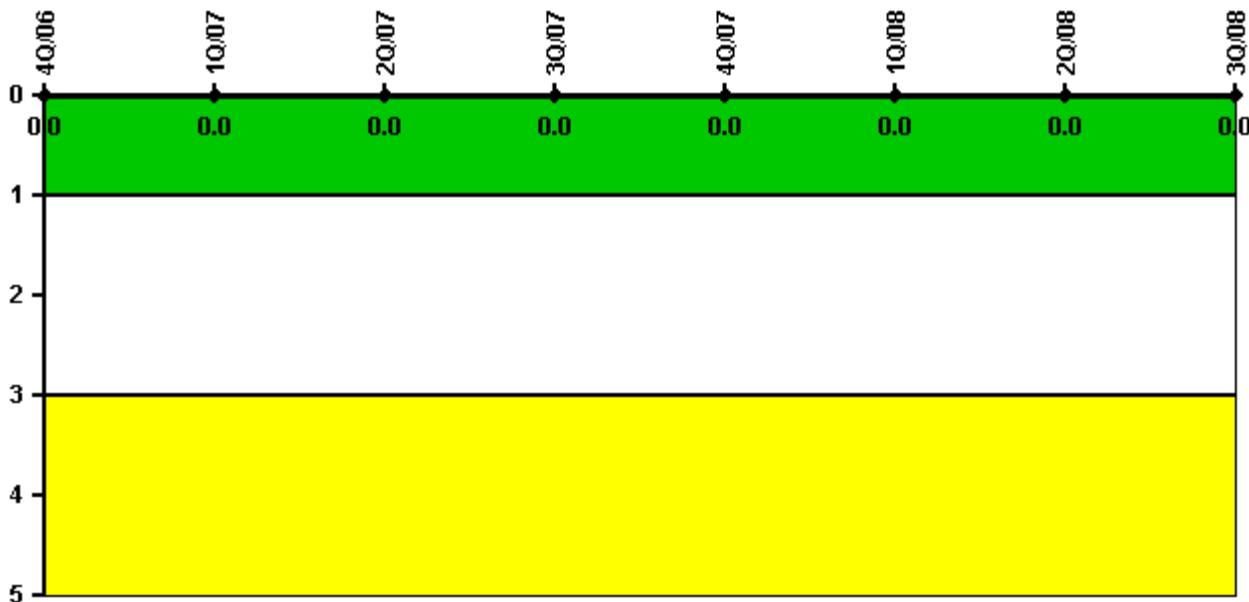
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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](#)

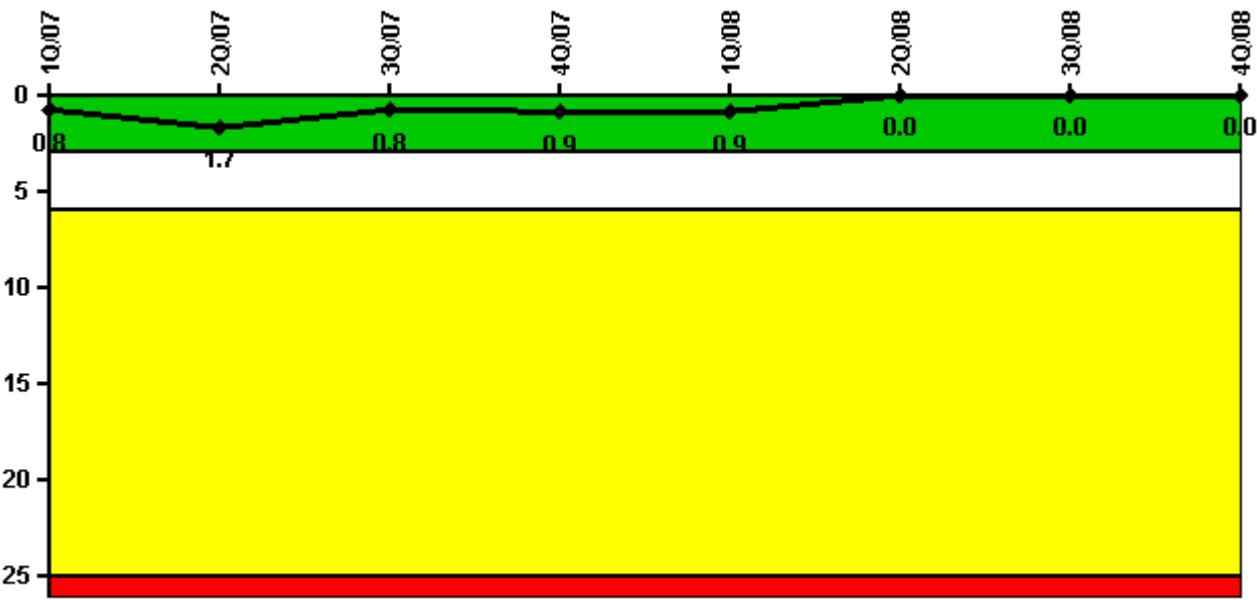
Last Modified: November 26, 2008

Dresden 2

4Q/2008 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



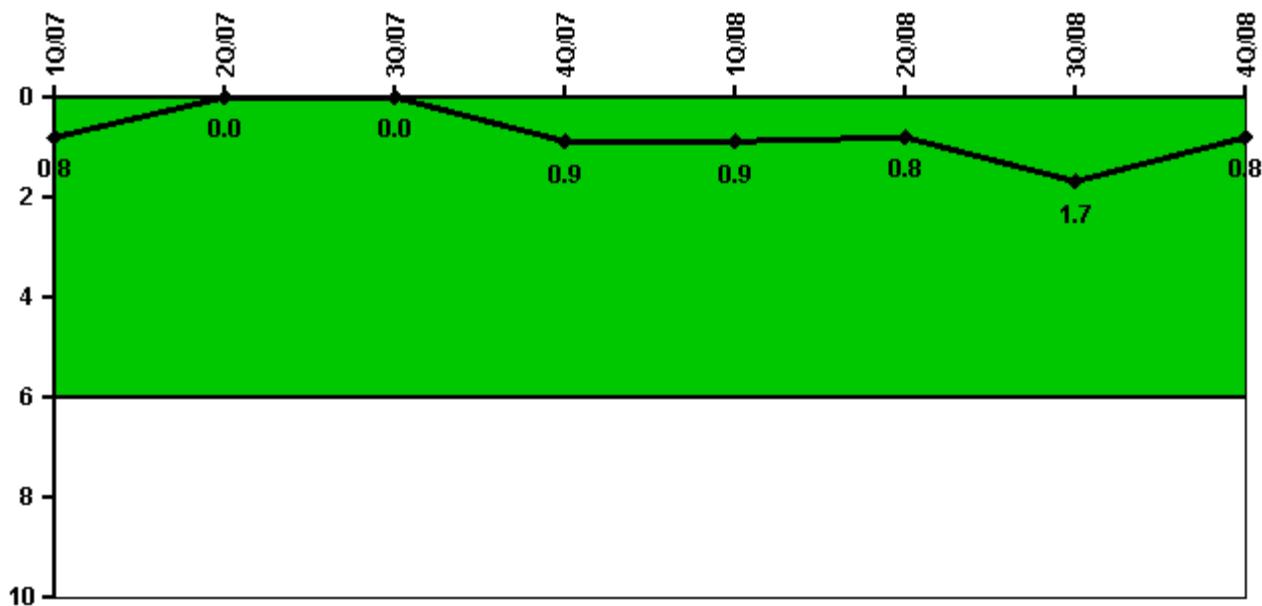
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0	0	0	0
Critical hours	2159.0	2117.1	2208.0	1723.9	2183.0	2184.0	2087.4	2209.0
Indicator value	0.8	1.7	0.8	0.9	0.9	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



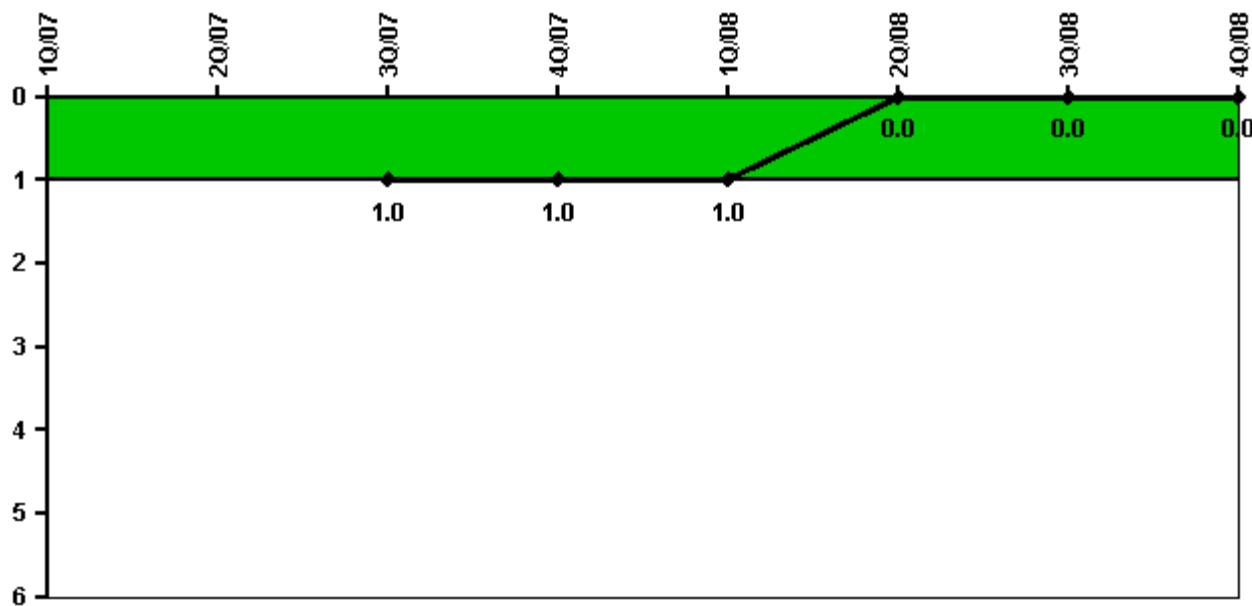
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Unplanned power changes	0	0	0	1.0	0	0	1.0	0
Critical hours	2159.0	2117.1	2208.0	1723.9	2183.0	2184.0	2087.4	2209.0
Indicator value	0.8	0	0	0.9	0.9	0.8	1.7	0.8

Licensee Comments: none

Unplanned Scrams with Complications



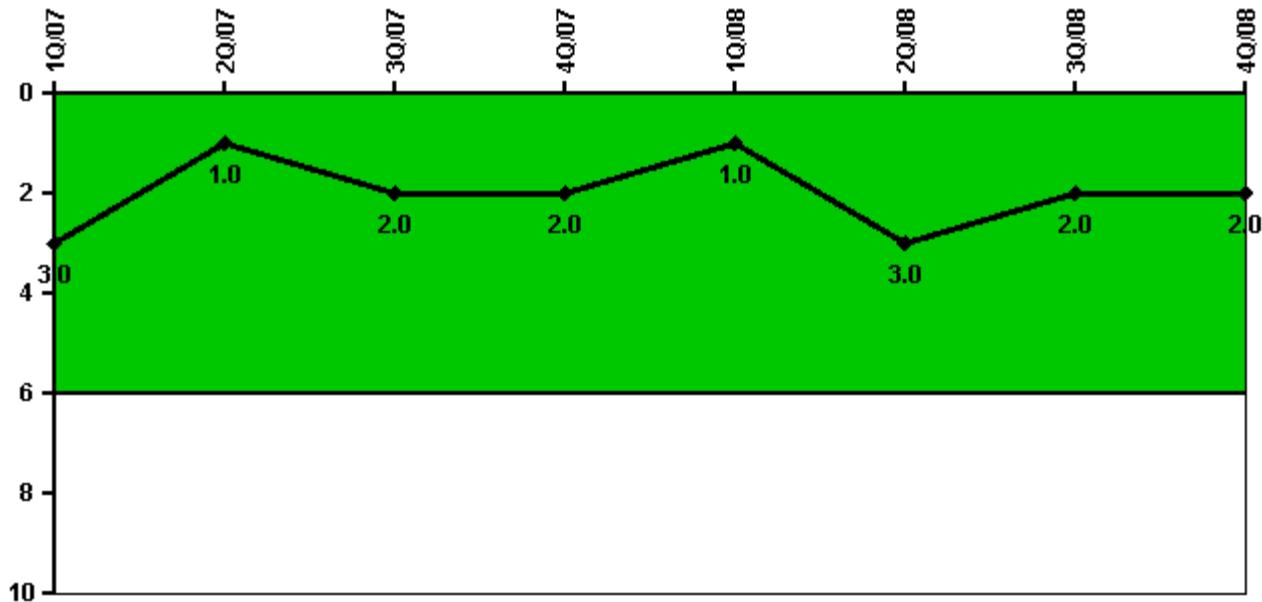
Thresholds: White > 1.0

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	1.0	0	0	0	0	0	0
Indicator value				1.0	1.0	1.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (BWR)



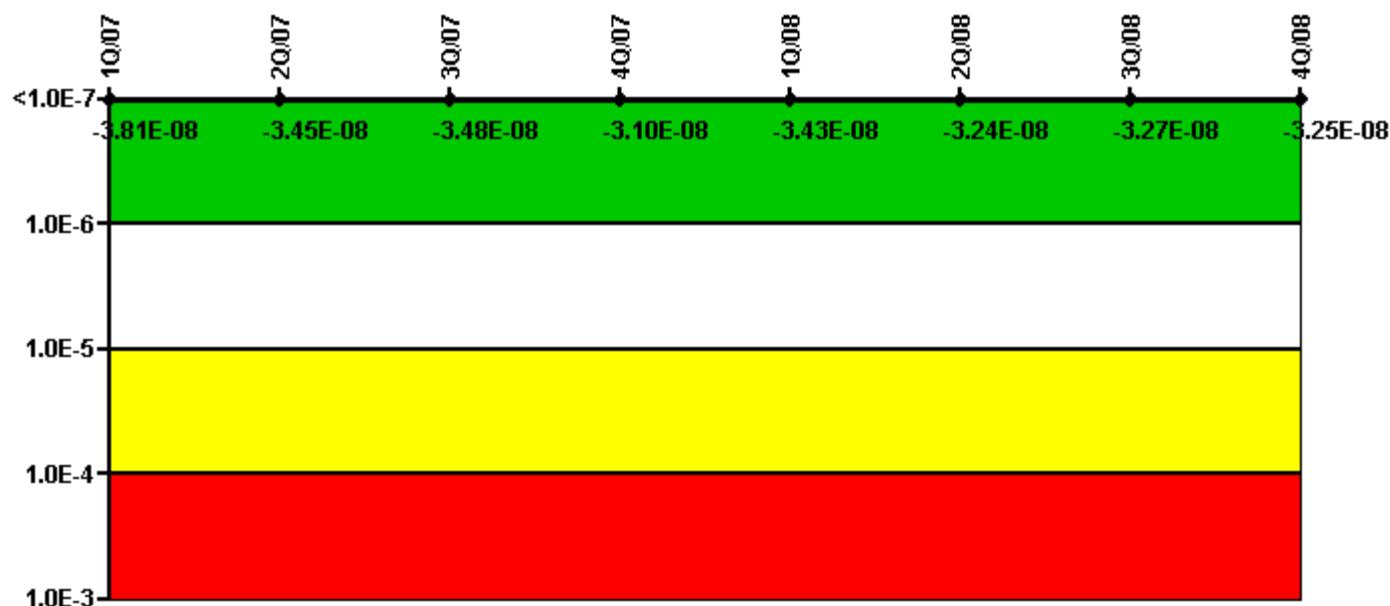
Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Safety System Functional Failures	1	0	1	0	0	2	0	0
Indicator value	3	1	2	2	1	3	2	2

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



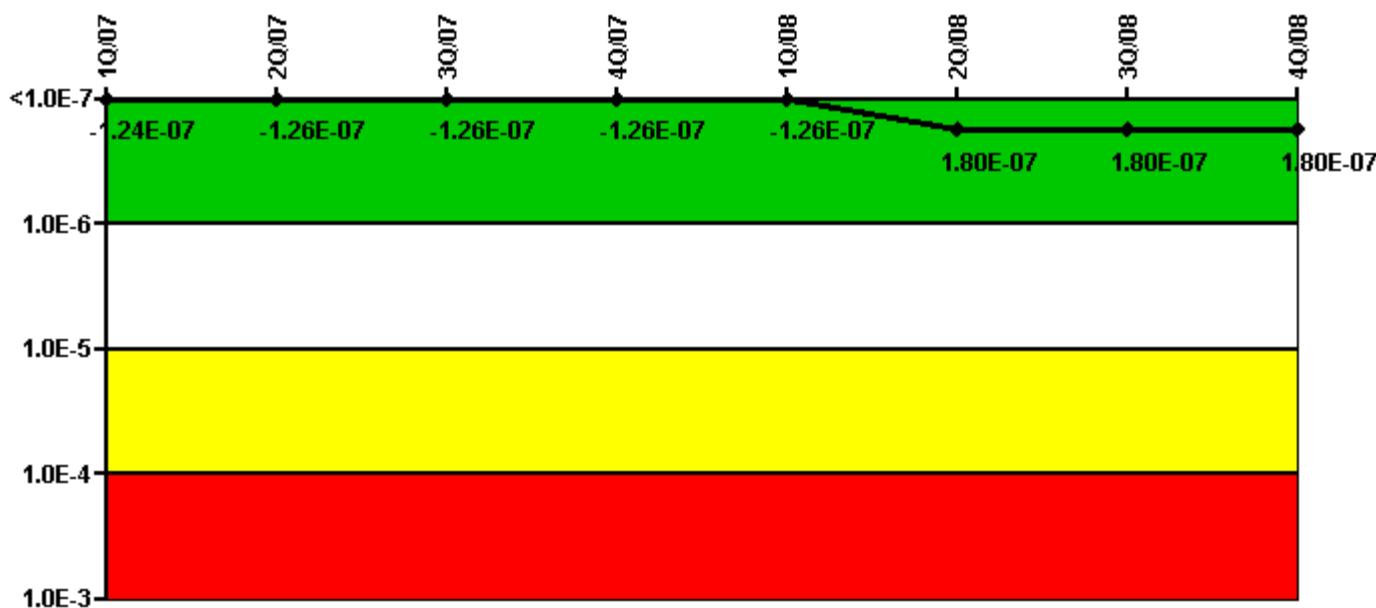
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (ΔCDF)	-2.10E-09	2.50E-09	2.20E-09	6.00E-09	7.20E-10	5.90E-10	3.50E-10	5.20E-10
URI (ΔCDF)	-3.60E-08	-3.70E-08	-3.70E-08	-3.70E-08	-3.50E-08	-3.30E-08	-3.30E-08	-3.30E-08
PLE	NO							
Indicator value	-3.81E-08	-3.45E-08	-3.48E-08	-3.10E-08	-3.43E-08	-3.24E-08	-3.27E-08	-3.25E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



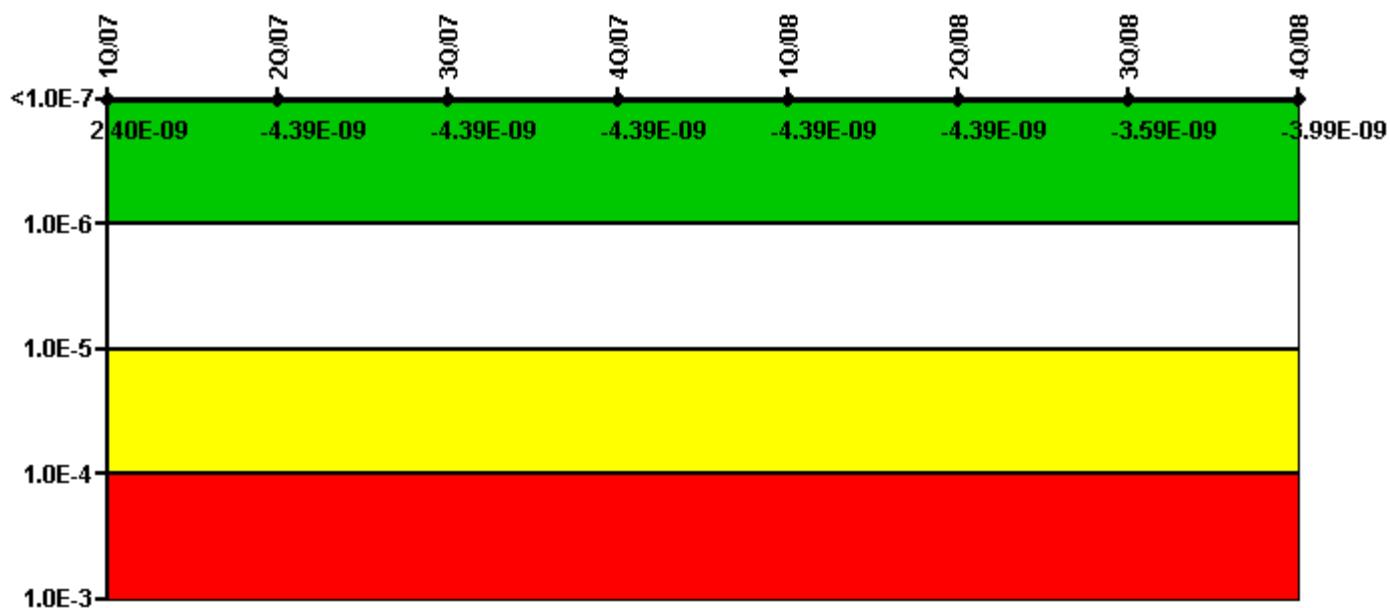
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI (Δ CDF)	-5.20E-08	-5.20E-08	-5.20E-08	-5.20E-08	-5.20E-08	-4.00E-08	-4.00E-08	-4.00E-08
URI (Δ CDF)	-7.20E-08	-7.40E-08	-7.40E-08	-7.40E-08	-7.40E-08	2.20E-07	2.20E-07	2.20E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.24E-07	-1.26E-07	-1.26E-07	-1.26E-07	-1.26E-07	1.80E-07	1.80E-07	1.80E-07

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



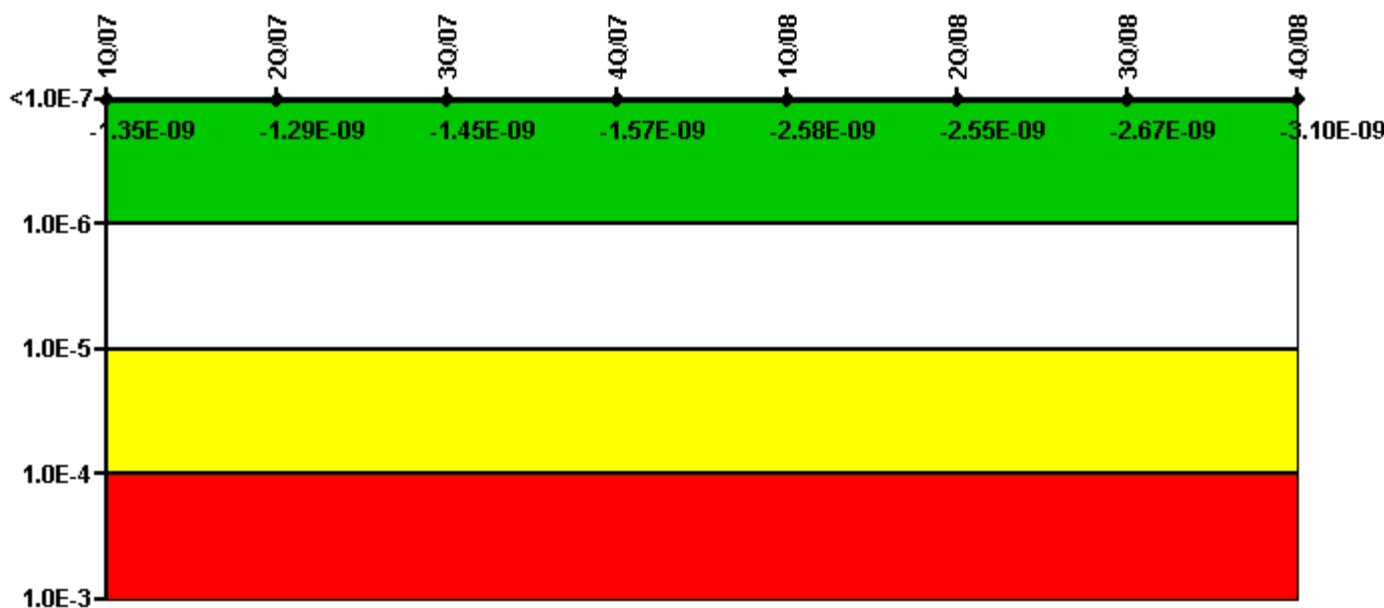
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI (Δ CDF)	-1.50E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-3.50E-09	-3.90E-09
URI (Δ CDF)	3.90E-09	-8.80E-11						
PLE	NO							
Indicator value	2.40E-09	-4.39E-09	-4.39E-09	-4.39E-09	-4.39E-09	-4.39E-09	-3.59E-09	-3.99E-09

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



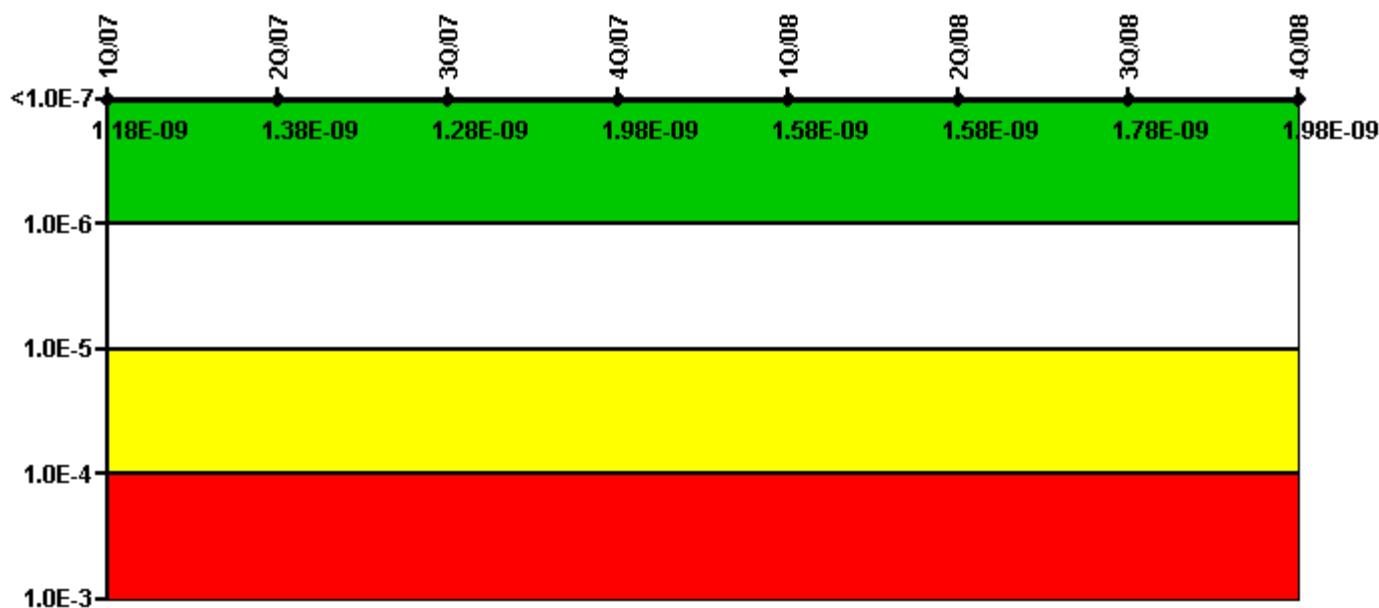
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI (Δ CDF)	3.50E-10	4.10E-10	2.50E-10	1.30E-10	-8.80E-10	-7.50E-10	-7.70E-10	-1.20E-09
URI (Δ CDF)	-1.70E-09	-1.70E-09	-1.70E-09	-1.70E-09	-1.70E-09	-1.80E-09	-1.90E-09	-1.90E-09
PLE	NO							
Indicator value	-1.35E-09	-1.29E-09	-1.45E-09	-1.57E-09	-2.58E-09	-2.55E-09	-2.67E-09	-3.10E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



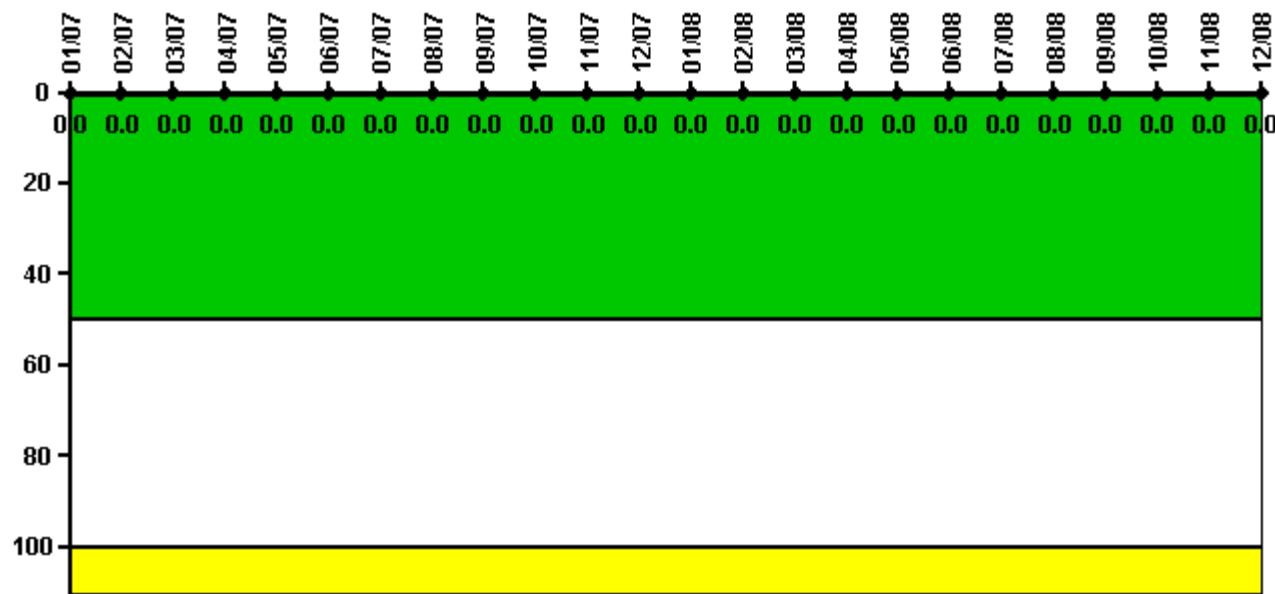
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI (Δ CDF)	1.20E-09	1.40E-09	1.30E-09	2.00E-09	1.60E-09	1.60E-09	1.80E-09	2.00E-09
URI (Δ CDF)	-2.30E-11	-2.30E-11	-2.30E-11	-2.20E-11	-2.20E-11	-2.40E-11	-2.50E-11	-2.50E-11
PLE	NO							
Indicator value	1.18E-09	1.38E-09	1.28E-09	1.98E-09	1.58E-09	1.58E-09	1.78E-09	1.98E-09

Licensee Comments: none

Reactor Coolant System Activity



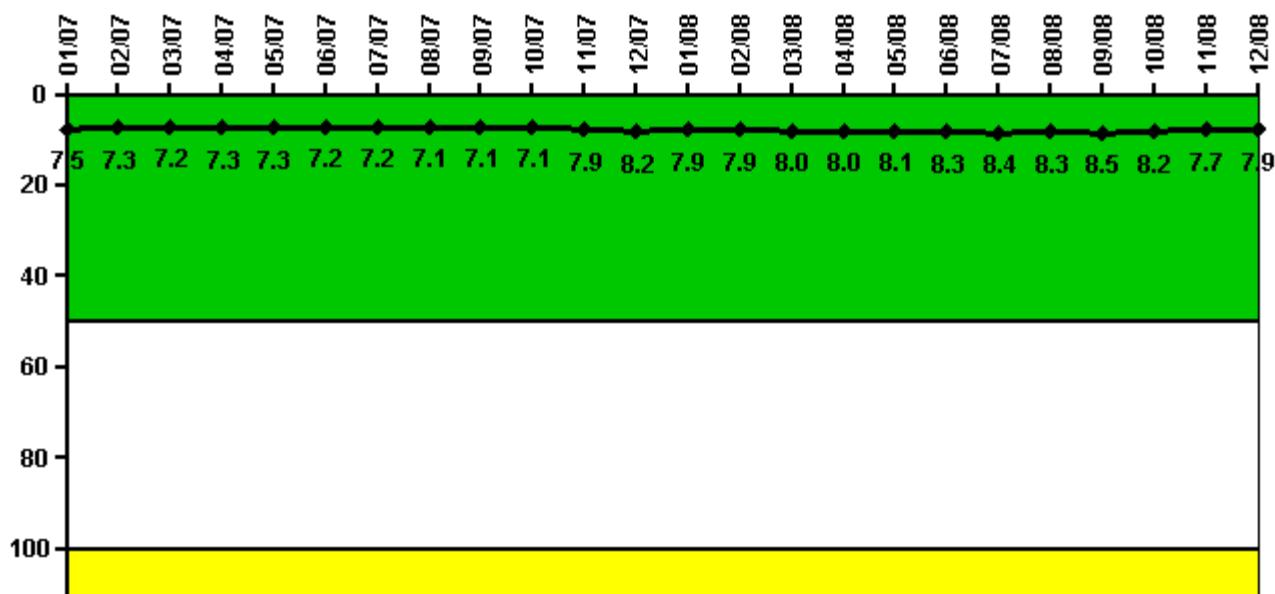
Thresholds: White > 50.0 Yellow > 100.0

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	0.000003	0.000003	0.000003	0.000003	0.000007	0.000009	0.000004	0.000003	0.000005	0.000005	0.000008	0.000006
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0											
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	0.000006	0.000025	0.000003	0.000003	0.000003	0.000002	0.000002	0.000003	0.000002	0.000003	0.000003	0.000003
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0											

Licensee Comments: none

Reactor Coolant System Leakage



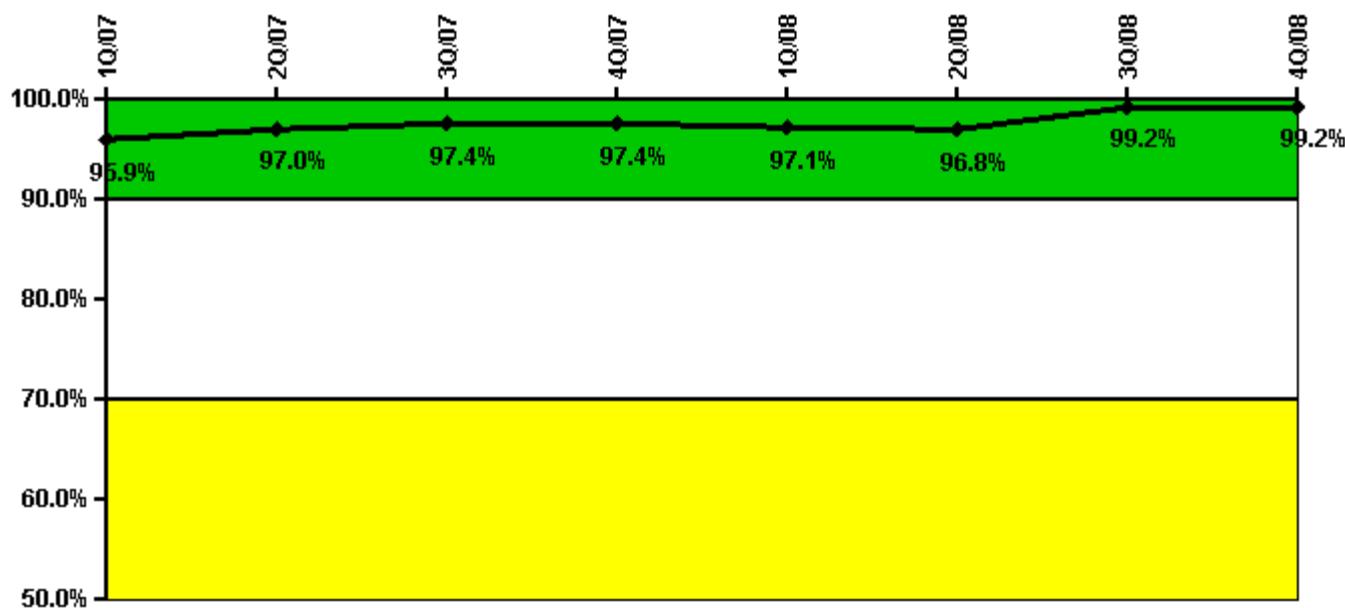
Thresholds: White > 50.0 Yellow > 100.0

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	1.877	1.818	1.810	1.817	1.813	1.792	1.805	1.785	1.773	1.785	1.983	2.042
Indicator value	7.5	7.3	7.2	7.3	7.3	7.2	7.2	7.1	7.1	7.1	7.9	8.2
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	1.967	1.983	1.995	1.995	2.030	2.080	2.105	2.083	2.115	2.045	1.928	1.973
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	7.9	7.9	8.0	8.0	8.1	8.3	8.4	8.3	8.5	8.2	7.7	7.9

Licensee Comments: none

Drill/Exercise Performance



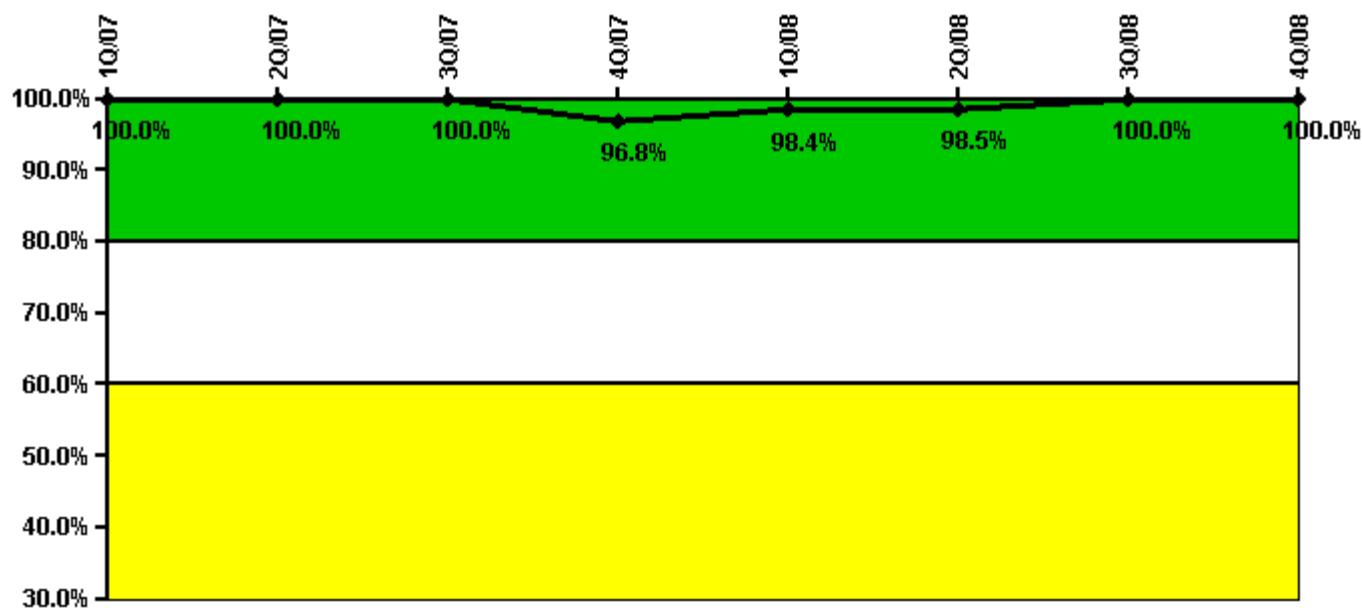
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Successful opportunities	50.0	54.0	40.0	2.0	24.0	16.0	40.0	24.0
Total opportunities	52.0	54.0	40.0	2.0	24.0	16.0	40.0	24.0
Indicator value	95.9%	97.0%	97.4%	97.4%	97.1%	96.8%	99.2%	99.2%

Licensee Comments: none

ERO Drill Participation



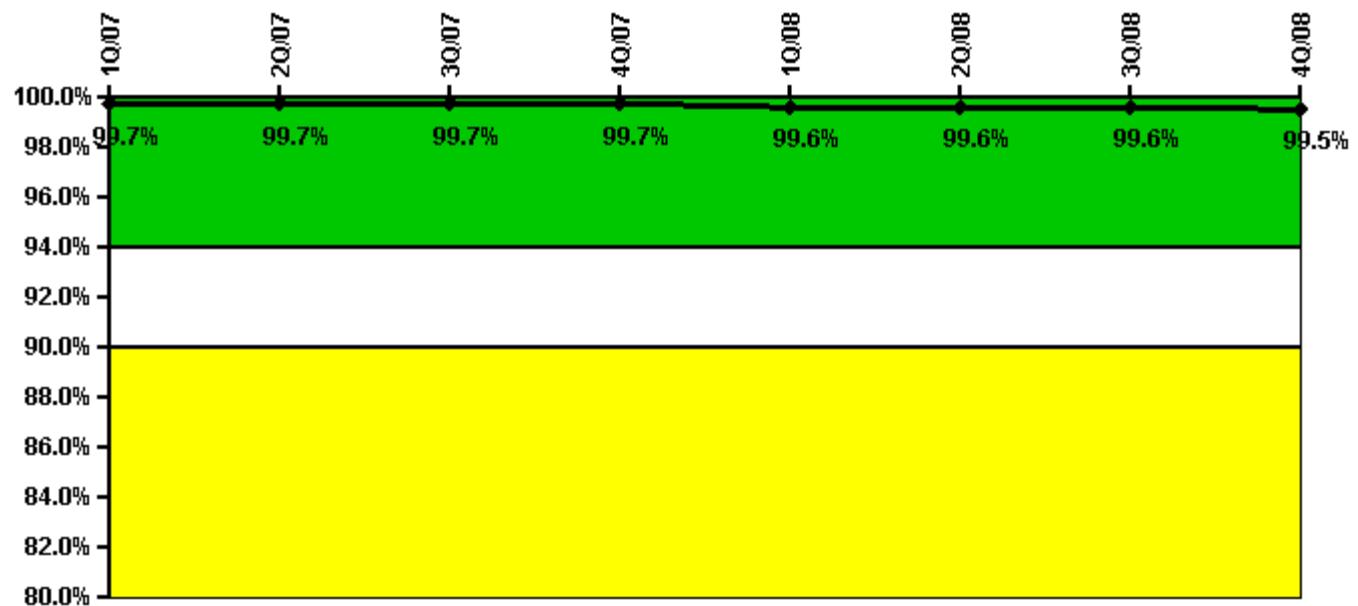
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Participating Key personnel	63.0	65.0	63.0	60.0	62.0	67.0	64.0	64.0
Total Key personnel	63.0	65.0	63.0	62.0	63.0	68.0	64.0	64.0
Indicator value	100.0%	100.0%	100.0%	96.8%	98.4%	98.5%	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	4985	4977	4961	4982	4970	4972	5037	4965
Total sirens-tests	4992	4990	4992	4992	4992	4992	5070	4992
Indicator value	99.7%	99.7%	99.7%	99.7%	99.6%	99.6%	99.6%	99.5%

Licensee Comments: none

Occupational Exposure Control Effectiveness



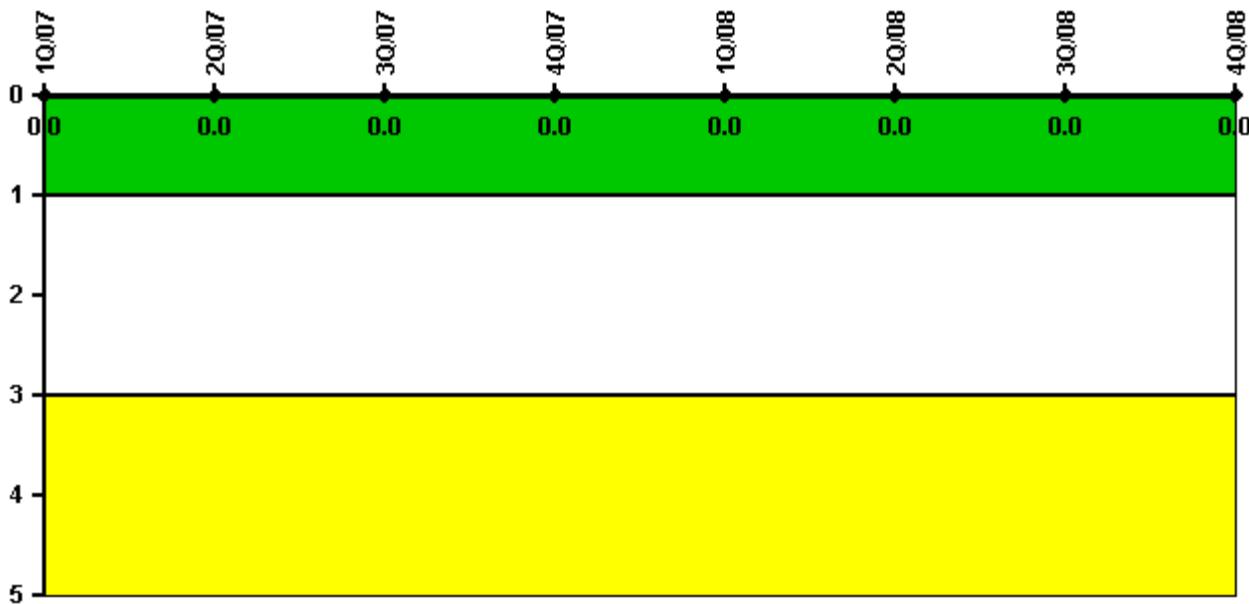
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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](#)

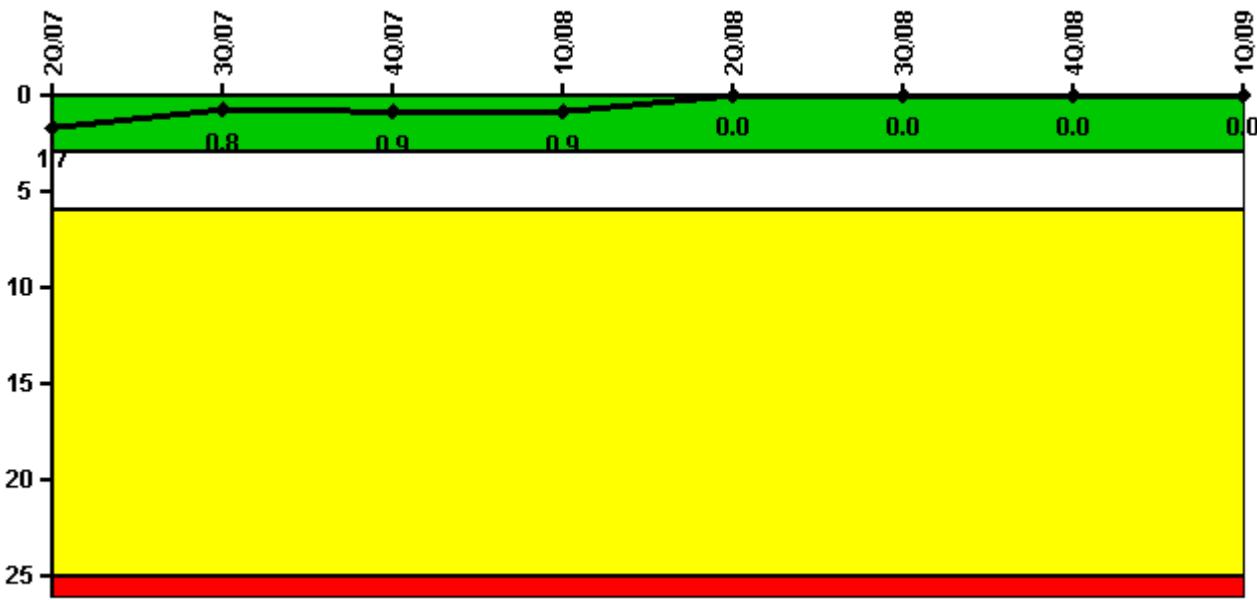
Last Modified: February 4, 2009

Dresden 2

1Q/2009 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



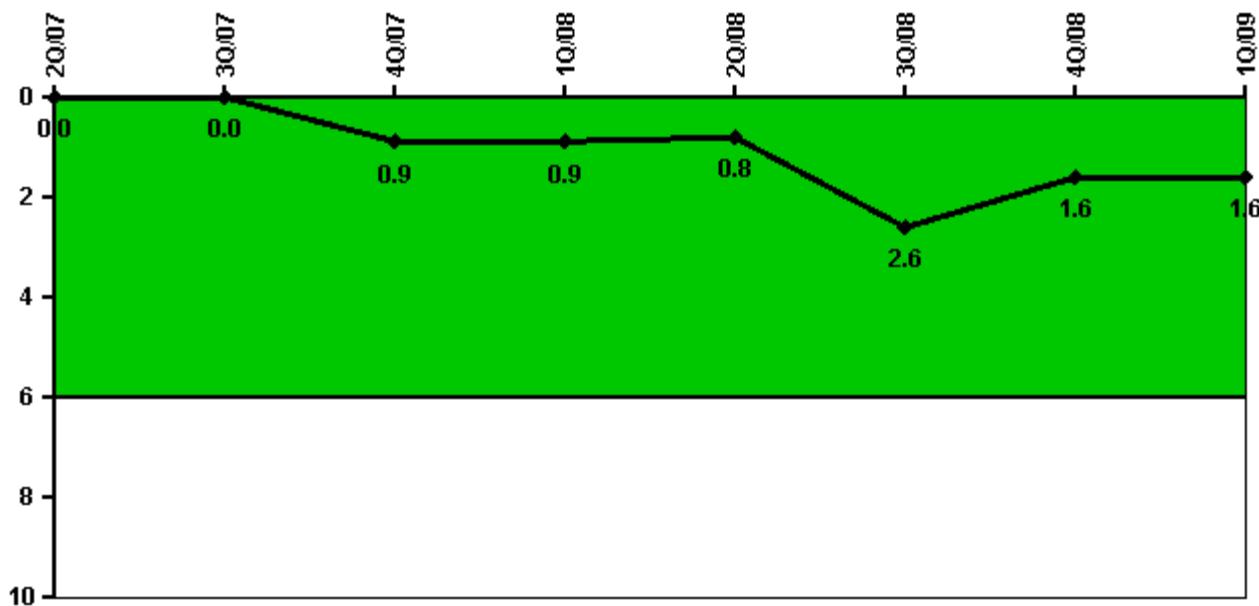
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0	0	0	0	0
Critical hours	2117.1	2208.0	1723.9	2183.0	2184.0	2087.4	2209.0	2159.0
Indicator value	1.7	0.8	0.9	0.9	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

Notes

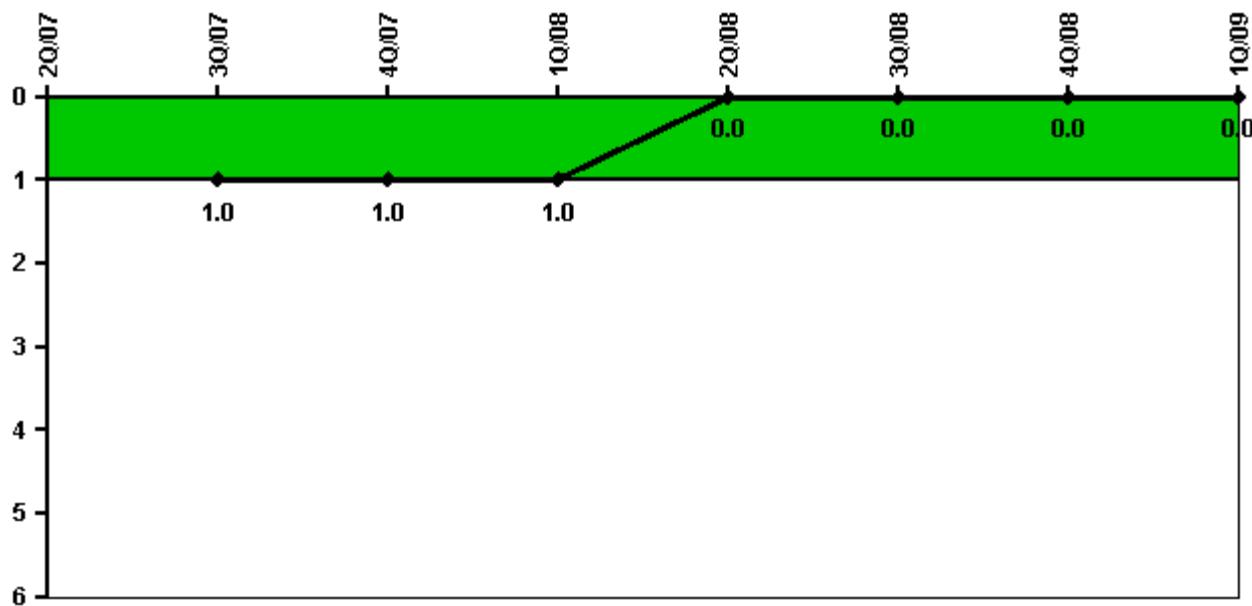
Unplanned Power Changes per 7000 Critical Hrs	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Unplanned power changes	0	0	1.0	0	0	2.0	0	0
Critical hours	2117.1	2208.0	1723.9	2183.0	2184.0	2087.4	2209.0	2159.0
Indicator value	0	0	0.9	0.9	0.8	2.6	1.6	1.6

Licensee Comments:

1Q/09: On 4/13/09, a downpower for isolation condenser decay heat removal capacity testing on 9/12/08 was reclassified from Planned to Unplanned due to absence of supporting documentation for the original determination that the downpower was Planned. This change did not affect the indicator color, which remains Green.

3Q/08: On 4/13/09, a downpower for isolation condenser decay heat removal capacity testing on 9/12/08 was reclassified from Planned to Unplanned due to absence of supporting documentation for the original determination that the downpower was Planned. This change did not affect the indicator color, which remains Green.

Unplanned Scrams with Complications



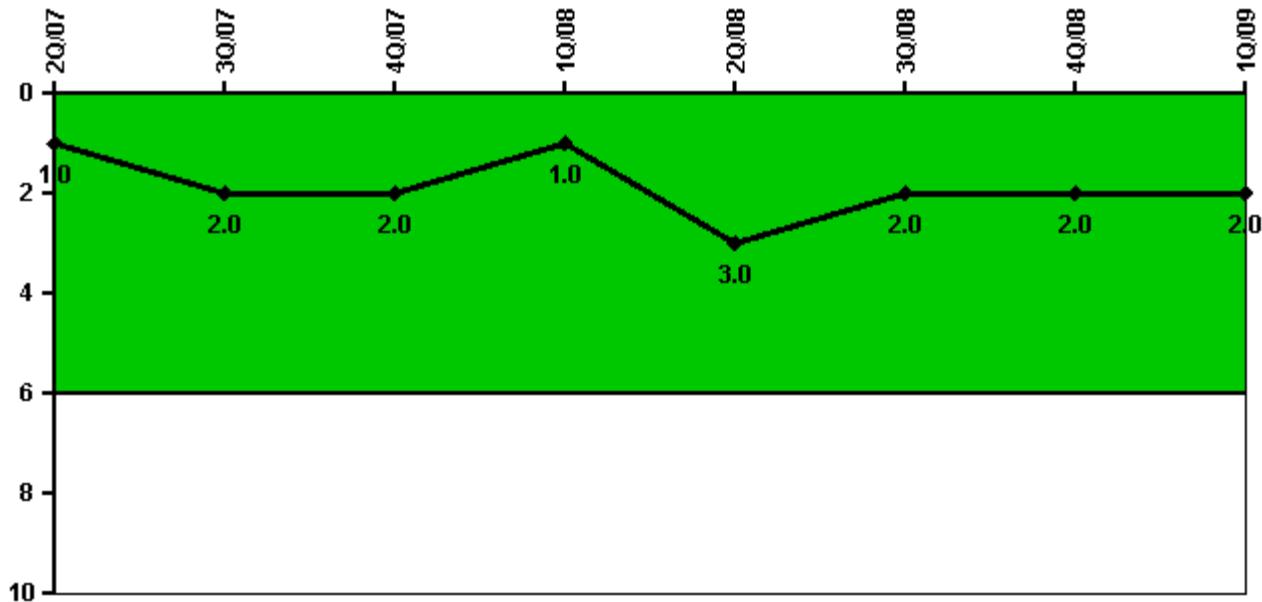
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Scrams with complications	1.0	0	0	0	0	0	0	0
Indicator value		1.0	1.0	1.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (BWR)



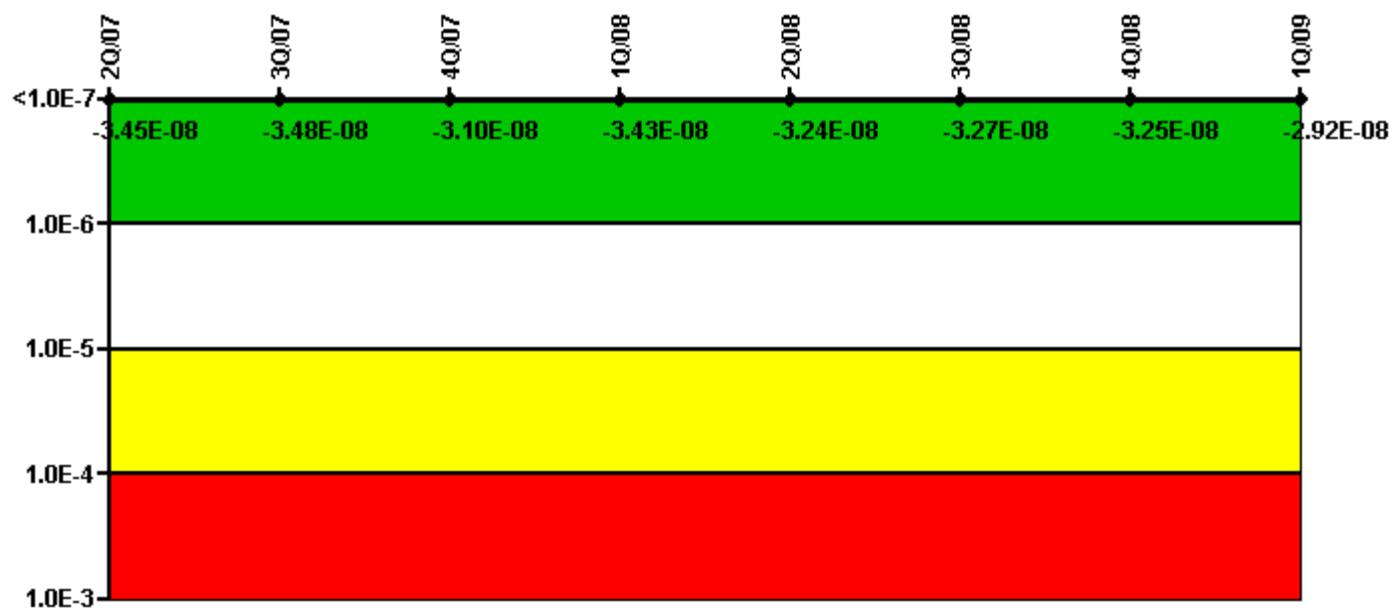
Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Safety System Functional Failures	0	1	0	0	2	0	0	0
Indicator value	1	2	2	1	3	2	2	2

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



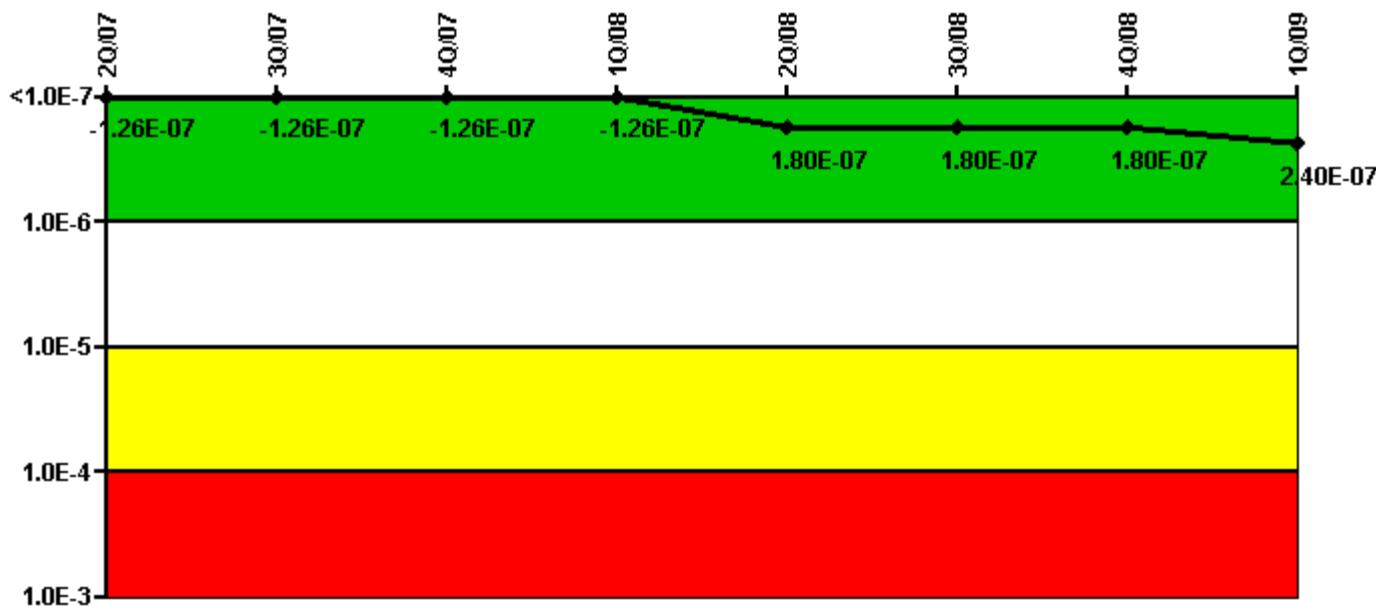
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (ΔCDF)	2.50E-09	2.20E-09	6.00E-09	7.20E-10	5.90E-10	3.50E-10	5.20E-10	5.80E-09
URI (ΔCDF)	-3.70E-08	-3.70E-08	-3.70E-08	-3.50E-08	-3.30E-08	-3.30E-08	-3.30E-08	-3.50E-08
PLE	NO							
Indicator value	-3.45E-08	-3.48E-08	-3.10E-08	-3.43E-08	-3.24E-08	-3.27E-08	-3.25E-08	-2.92E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



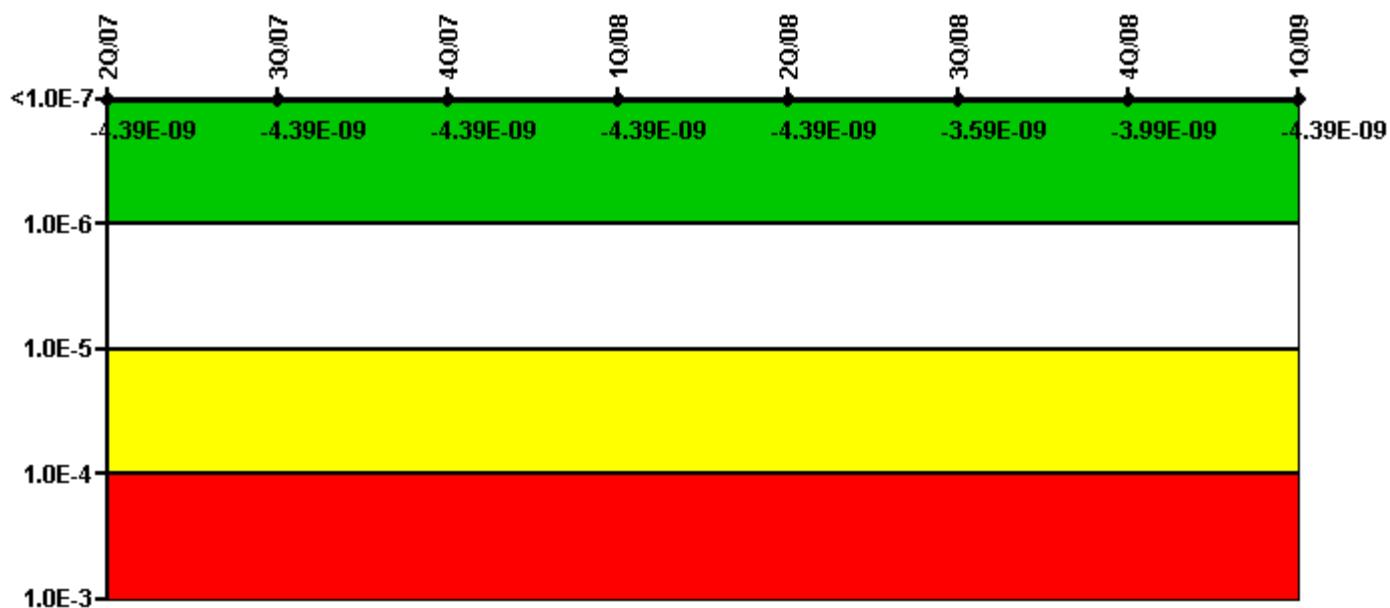
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI (Δ CDF)	-5.20E-08	-5.20E-08	-5.20E-08	-5.20E-08	-4.00E-08	-4.00E-08	-4.00E-08	-4.00E-08
URI (Δ CDF)	-7.40E-08	-7.40E-08	-7.40E-08	-7.40E-08	2.20E-07	2.20E-07	2.20E-07	2.80E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.26E-07	-1.26E-07	-1.26E-07	-1.26E-07	1.80E-07	1.80E-07	1.80E-07	2.40E-07

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



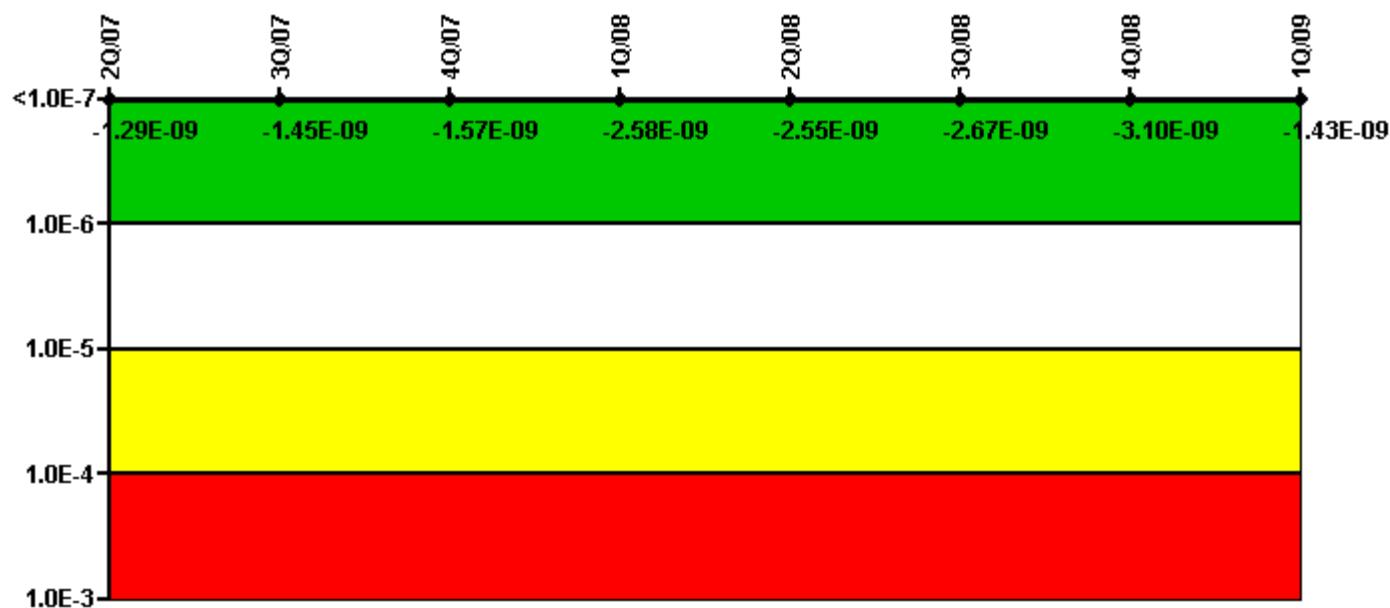
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI (ΔCDF)	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-3.50E-09	-3.90E-09	-4.30E-09
URI (ΔCDF)	-8.80E-11							
PLE	NO							
Indicator value	-4.39E-09	-4.39E-09	-4.39E-09	-4.39E-09	-4.39E-09	-3.59E-09	-3.99E-09	-4.39E-09

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



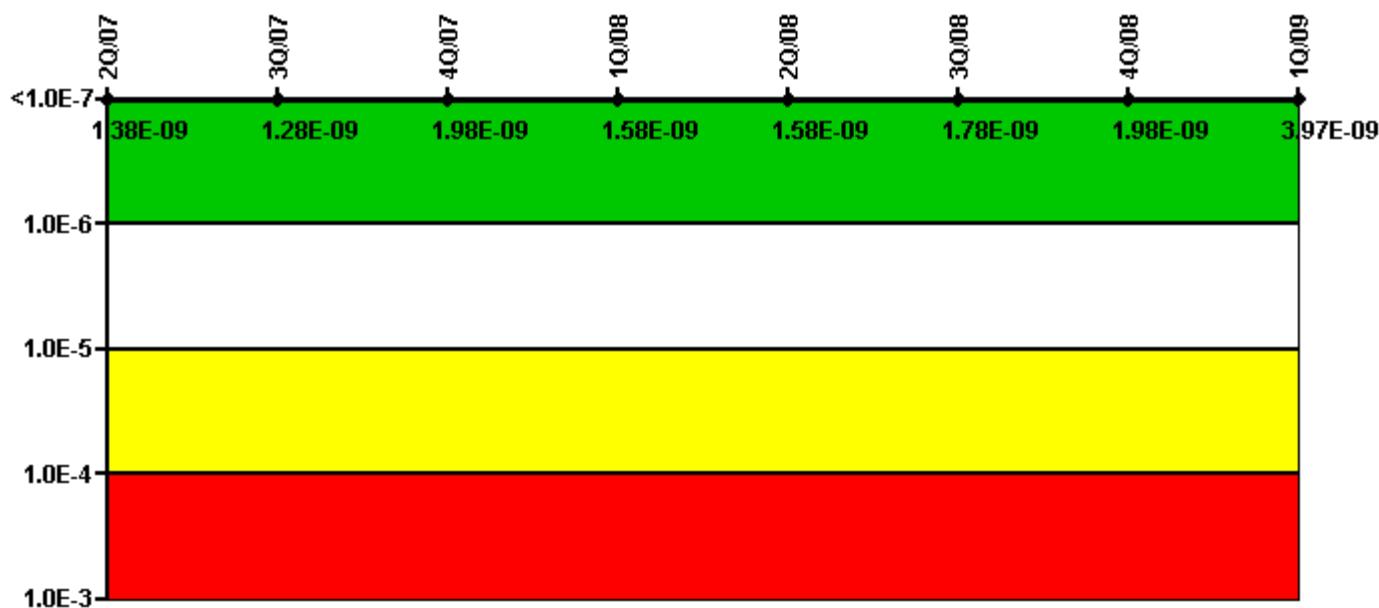
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI (Δ CDF)	4.10E-10	2.50E-10	1.30E-10	-8.80E-10	-7.50E-10	-7.70E-10	-1.20E-09	5.70E-10
URI (Δ CDF)	-1.70E-09	-1.70E-09	-1.70E-09	-1.70E-09	-1.80E-09	-1.90E-09	-1.90E-09	-2.00E-09
PLE	NO							
Indicator value	-1.29E-09	-1.45E-09	-1.57E-09	-2.58E-09	-2.55E-09	-2.67E-09	-3.10E-09	-1.43E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



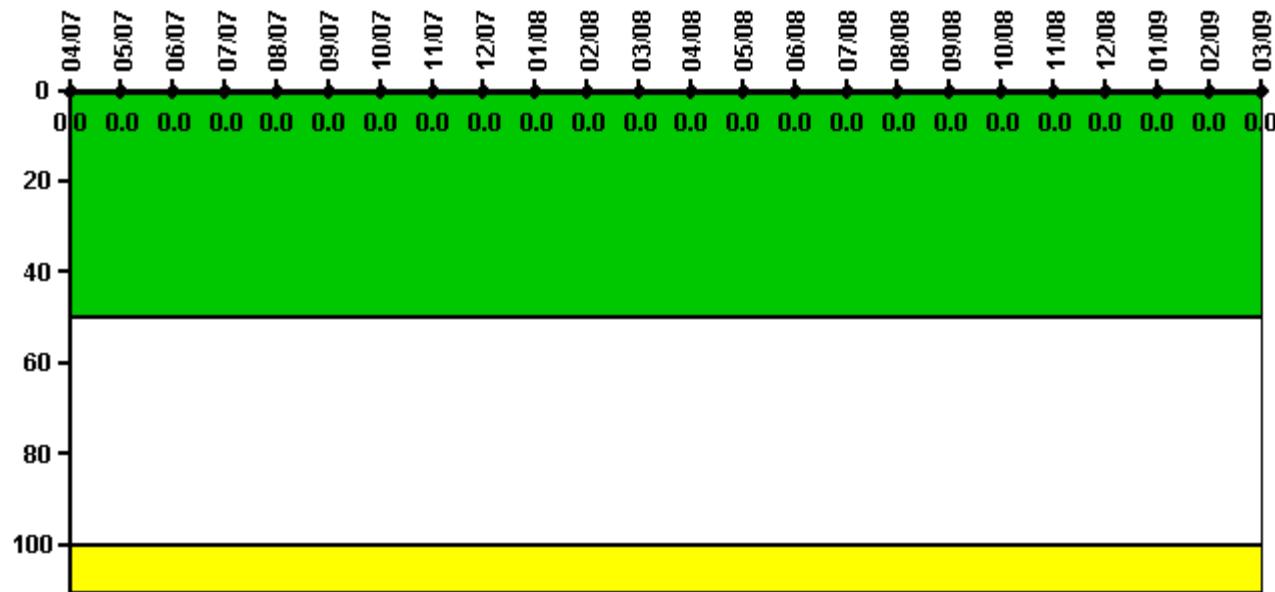
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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-09	1.30E-09	2.00E-09	1.60E-09	1.60E-09	1.80E-09	2.00E-09	4.00E-09
URI (Δ CDF)	-2.30E-11	-2.30E-11	-2.20E-11	-2.20E-11	-2.40E-11	-2.50E-11	-2.50E-11	-2.60E-11
PLE	NO							
Indicator value	1.38E-09	1.28E-09	1.98E-09	1.58E-09	1.58E-09	1.78E-09	1.98E-09	3.97E-09

Licensee Comments: none

Reactor Coolant System Activity



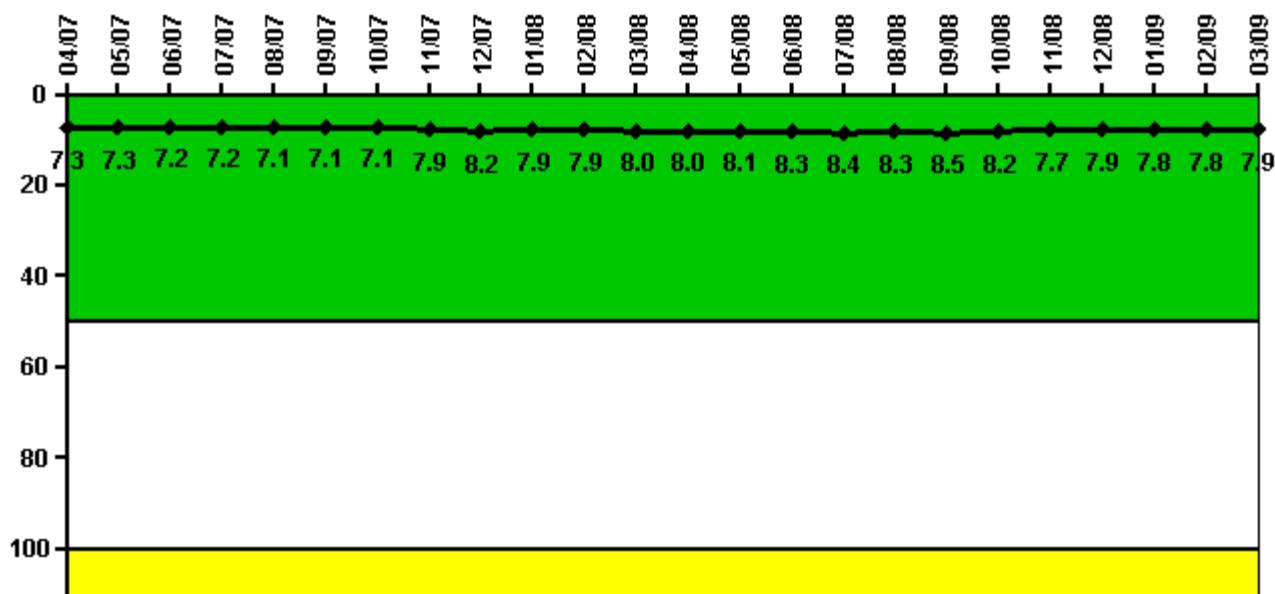
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08
Maximum activity	0.000003	0.000007	0.000009	0.000004	0.000003	0.000005	0.000005	0.000008	0.000006	0.000006	0.000025	0.000003
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0											
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	0.000003	0.000003	0.000002	0.000002	0.000003	0.000002	0.000003	0.000003	0.000003	0.000002	0.000002	0.000003
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0											

Licensee Comments: none

Reactor Coolant System Leakage



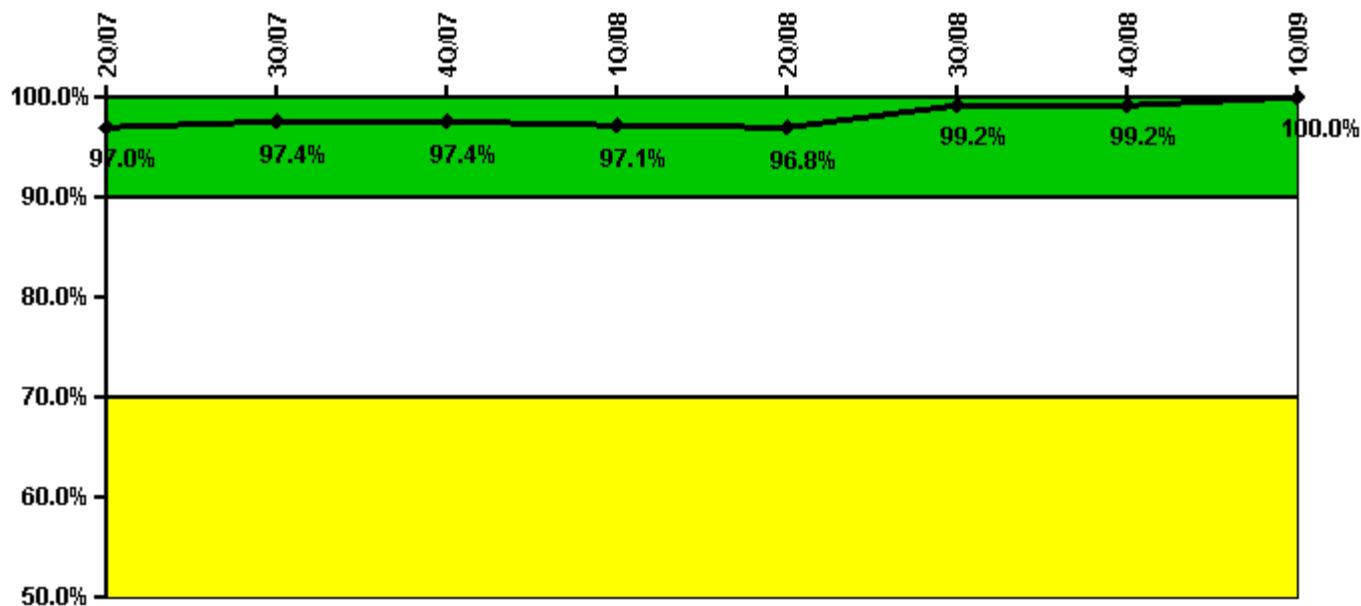
Thresholds: White > 50.0 Yellow > 100.0

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	1.817	1.813	1.792	1.805	1.785	1.773	1.785	1.983	2.042	1.967	1.983	1.995
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	7.3	7.3	7.2	7.2	7.1	7.1	7.1	7.9	8.2	7.9	7.9	8.0
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	1.995	2.030	2.080	2.105	2.083	2.115	2.045	1.928	1.973	1.942	1.950	1.980
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	8.0	8.1	8.3	8.4	8.3	8.5	8.2	7.7	7.9	7.8	7.8	7.9

Licensee Comments: none

Drill/Exercise Performance



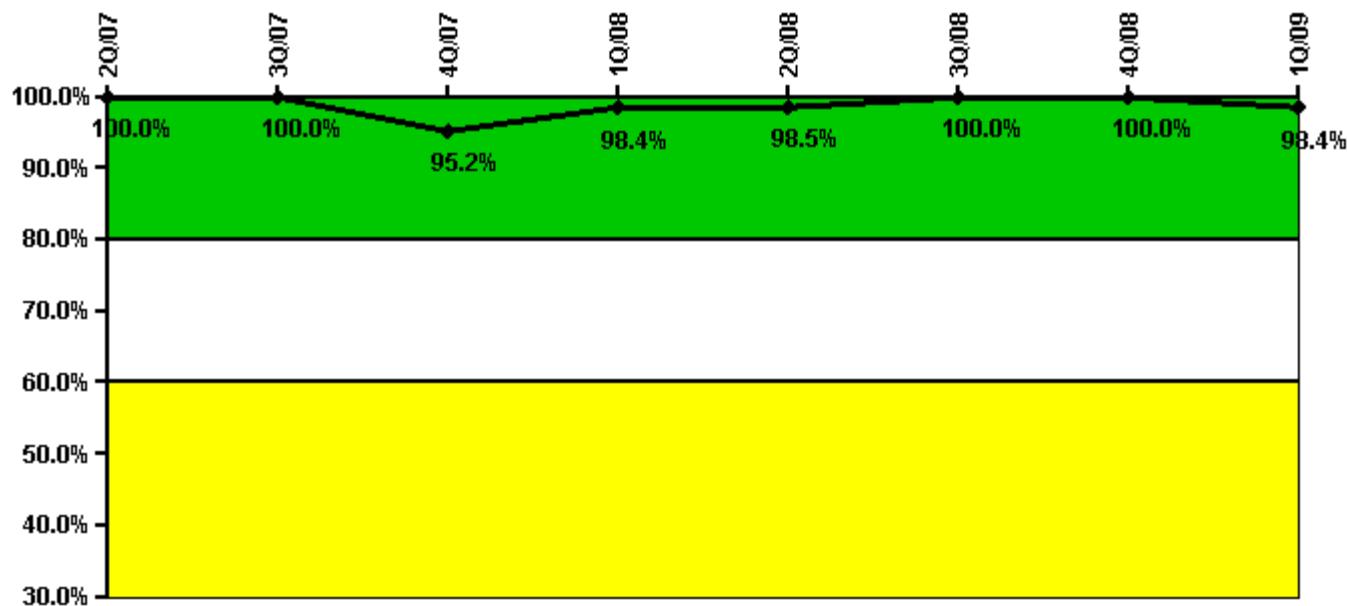
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Successful opportunities	54.0	40.0	2.0	24.0	16.0	40.0	24.0	44.0
Total opportunities	54.0	40.0	2.0	24.0	16.0	40.0	24.0	44.0
Indicator value	97.0%	97.4%	97.4%	97.1%	96.8%	99.2%	99.2%	100.0%

Licensee Comments: none

ERO Drill Participation



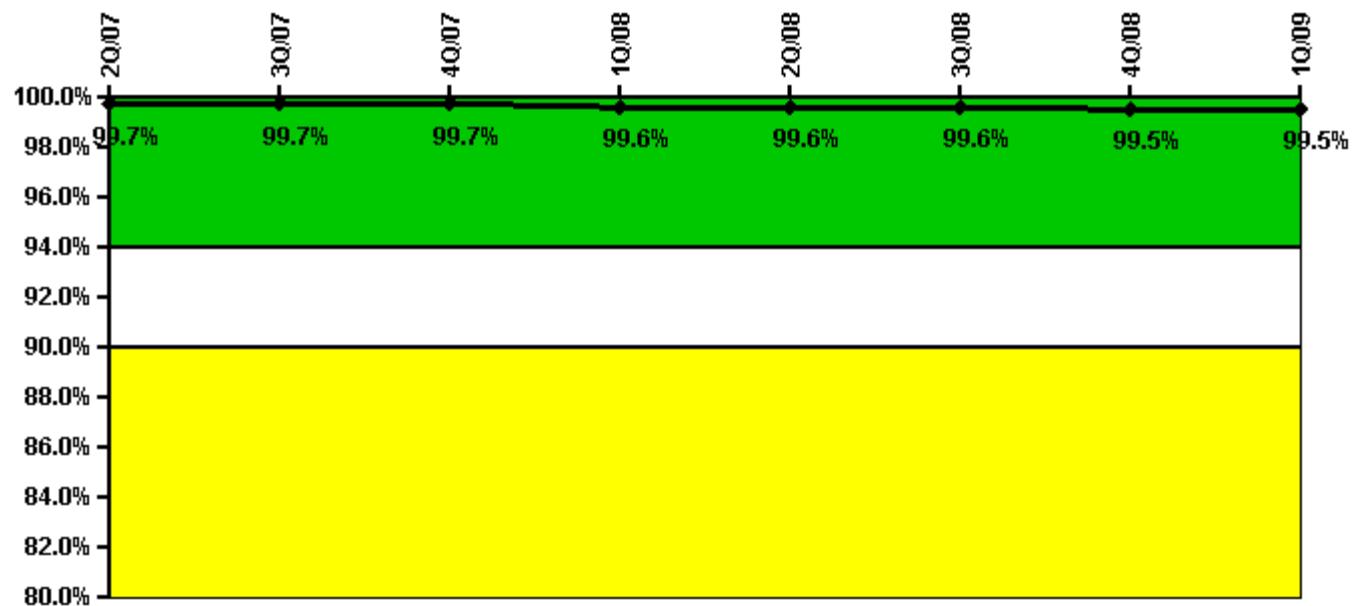
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Participating Key personnel	65.0	63.0	60.0	62.0	67.0	64.0	64.0	63.0
Total Key personnel	65.0	63.0	63.0	63.0	68.0	64.0	64.0	64.0
Indicator value	100.0%	100.0%	95.2%	98.4%	98.5%	100.0%	100.0%	98.4%

Licensee Comments: none

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	4977	4961	4982	4970	4972	5037	4963	4900
Total sirens-tests	4990	4992	4992	4992	4992	5070	4992	4914
Indicator value	99.7%	99.7%	99.7%	99.6%	99.6%	99.6%	99.5%	99.5%

Licensee Comments: none

Occupational Exposure Control Effectiveness



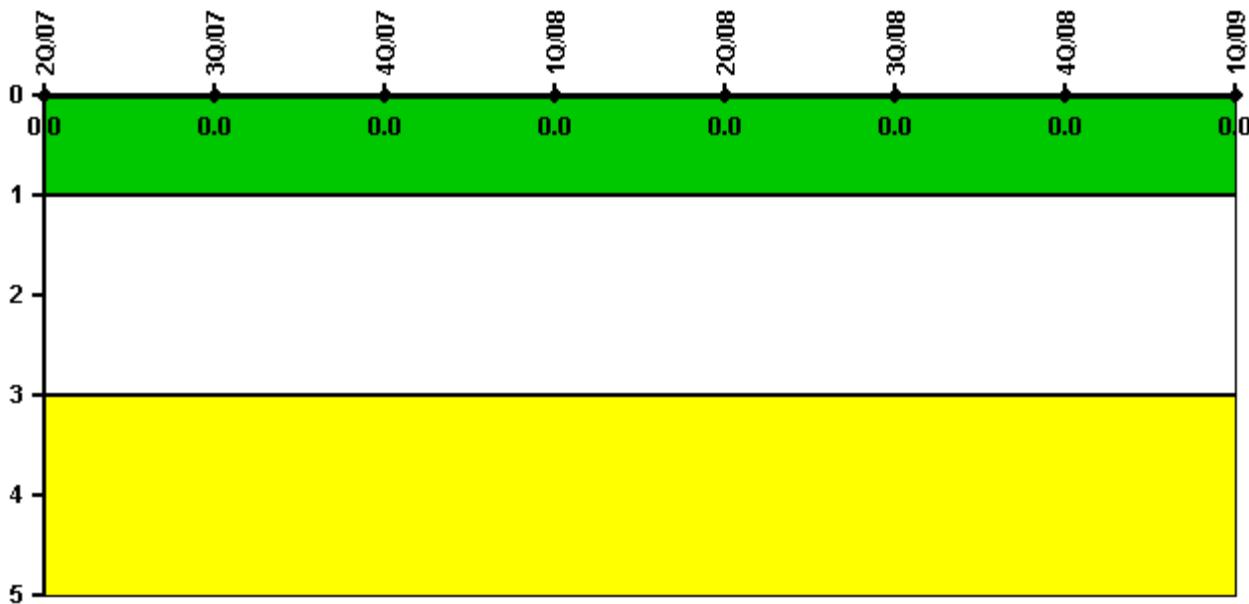
Thresholds: White > 2.0 Yellow > 5.0

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](#)

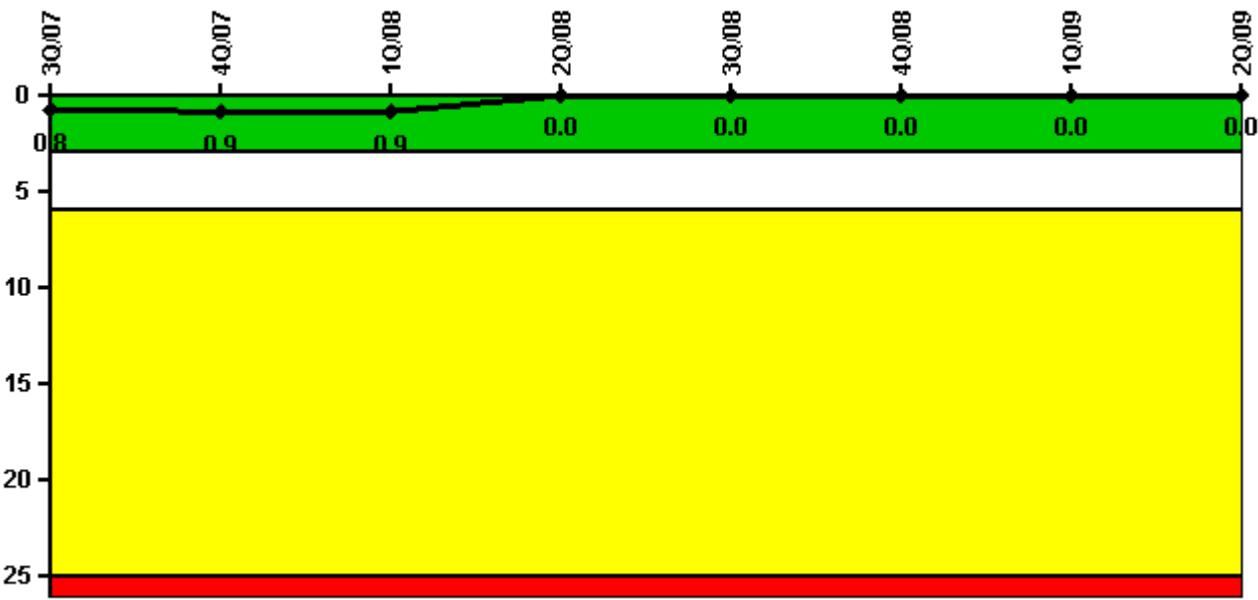
Last Modified: May 1, 2009

Dresden 2

2Q/2009 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



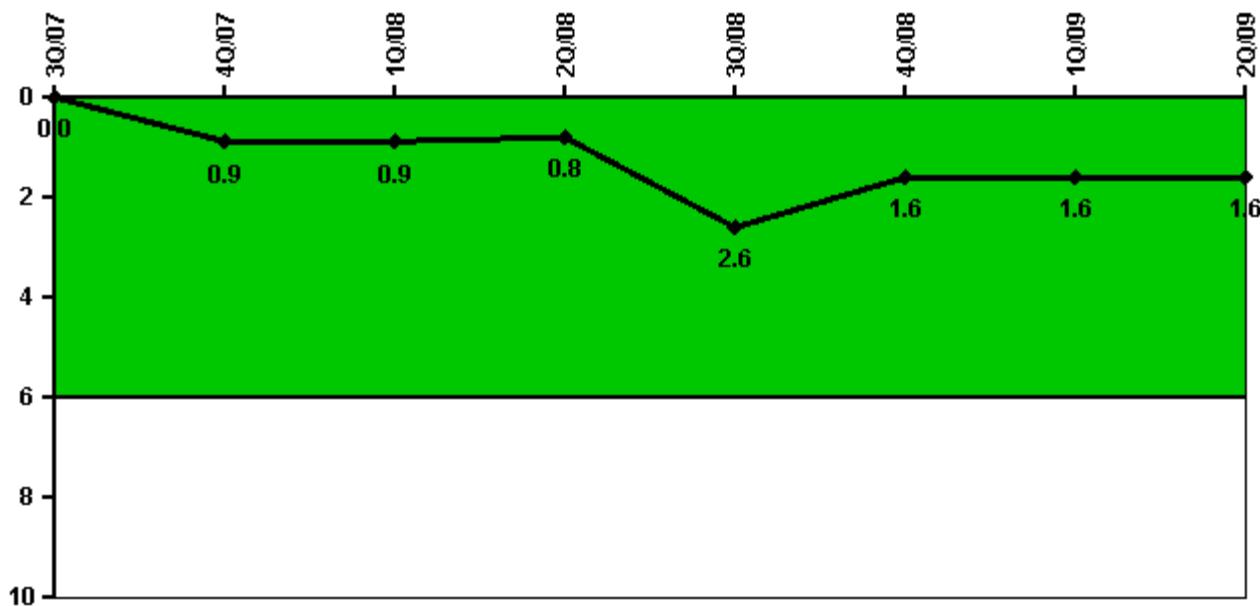
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1723.9	2183.0	2184.0	2087.4	2209.0	2159.0	2184.0
Indicator value	0.8	0.9	0.9	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



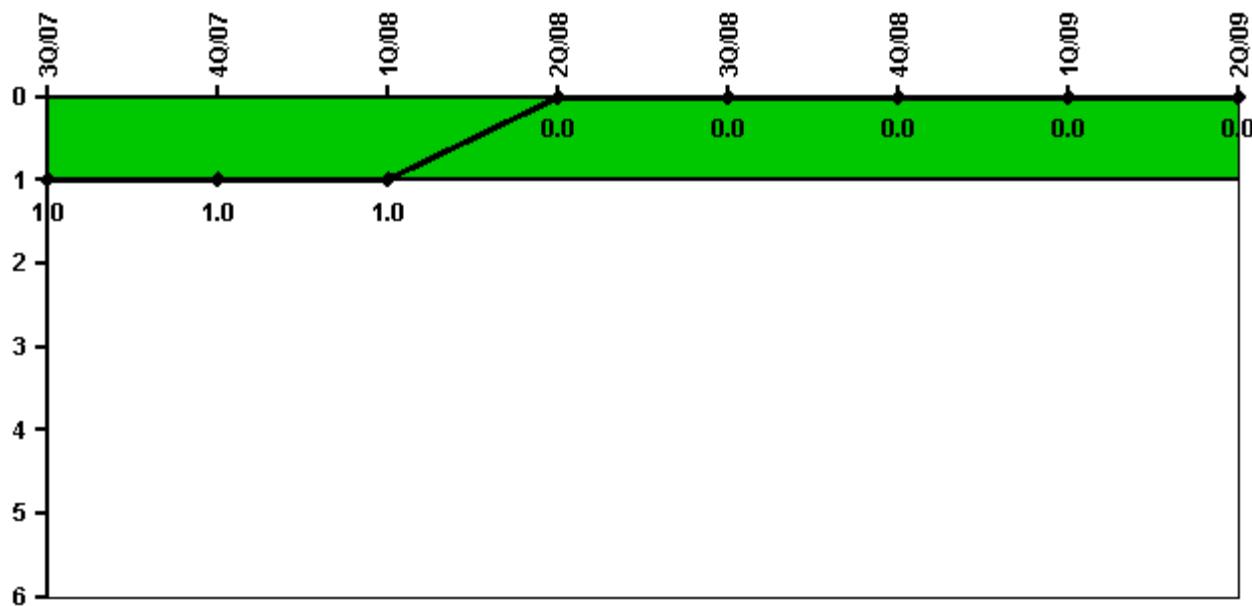
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Unplanned power changes	0	1.0	0	0	2.0	0	0	0
Critical hours	2208.0	1723.9	2183.0	2184.0	2087.4	2209.0	2159.0	2184.0
Indicator value	0	0.9	0.9	0.8	2.6	1.6	1.6	1.6

Licensee Comments: none

Unplanned Scrams with Complications



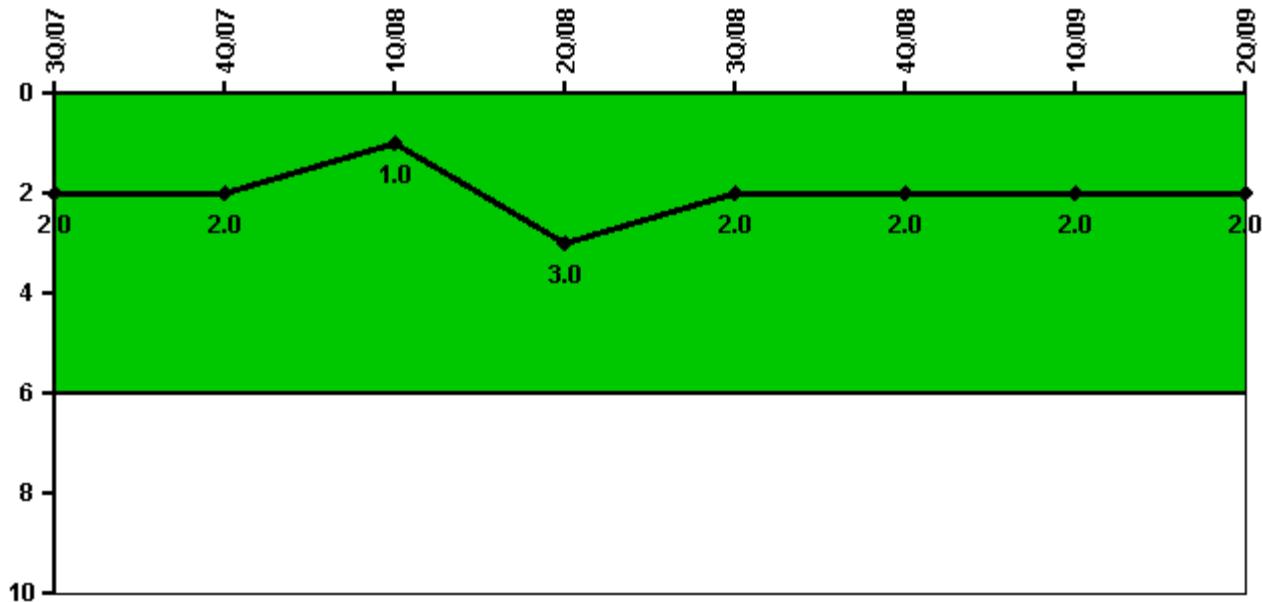
Thresholds: White > 1.0

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	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (BWR)



Thresholds: White > 6.0

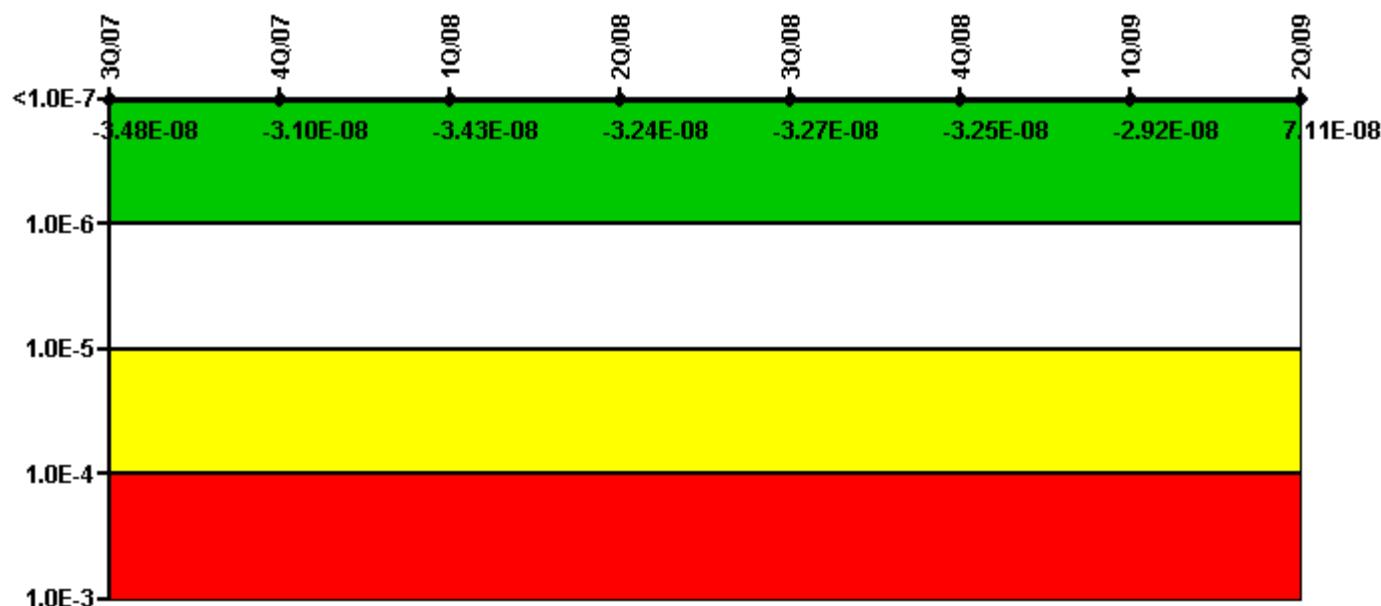
Notes

Safety System Functional Failures (BWR)	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Safety System Functional Failures	1	0	0	2	0	0	0	2
Indicator value	2	2	1	3	2	2	2	2

Licensee Comments:

2Q/09: Ref: LER # 237/2009-001-00 and LER# 237/2009-002-00

Mitigating Systems Performance Index, Emergency AC Power System



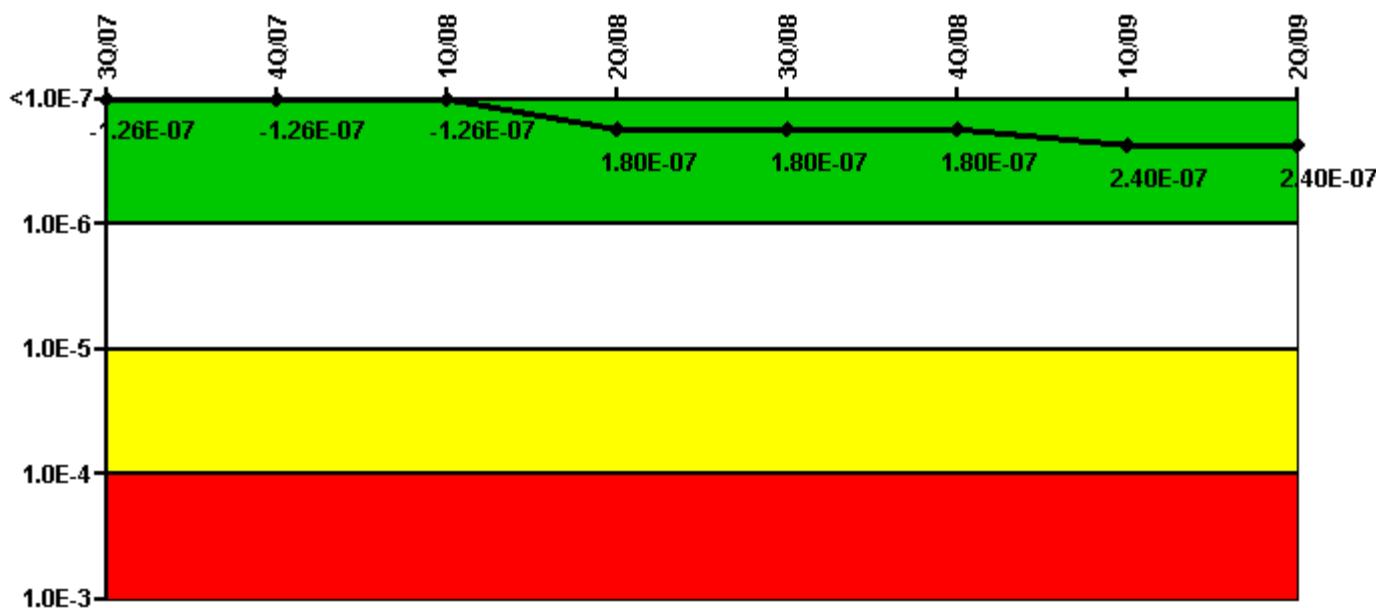
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
UAI (ΔCDF)	2.20E-09	6.00E-09	7.20E-10	5.90E-10	3.50E-10	5.20E-10	5.80E-09	8.10E-09
URI (ΔCDF)	-3.70E-08	-3.70E-08	-3.50E-08	-3.30E-08	-3.30E-08	-3.30E-08	-3.50E-08	6.30E-08
PLE	NO	NO						
Indicator value	-3.48E-08	-3.10E-08	-3.43E-08	-3.24E-08	-3.27E-08	-3.25E-08	-2.92E-08	7.11E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



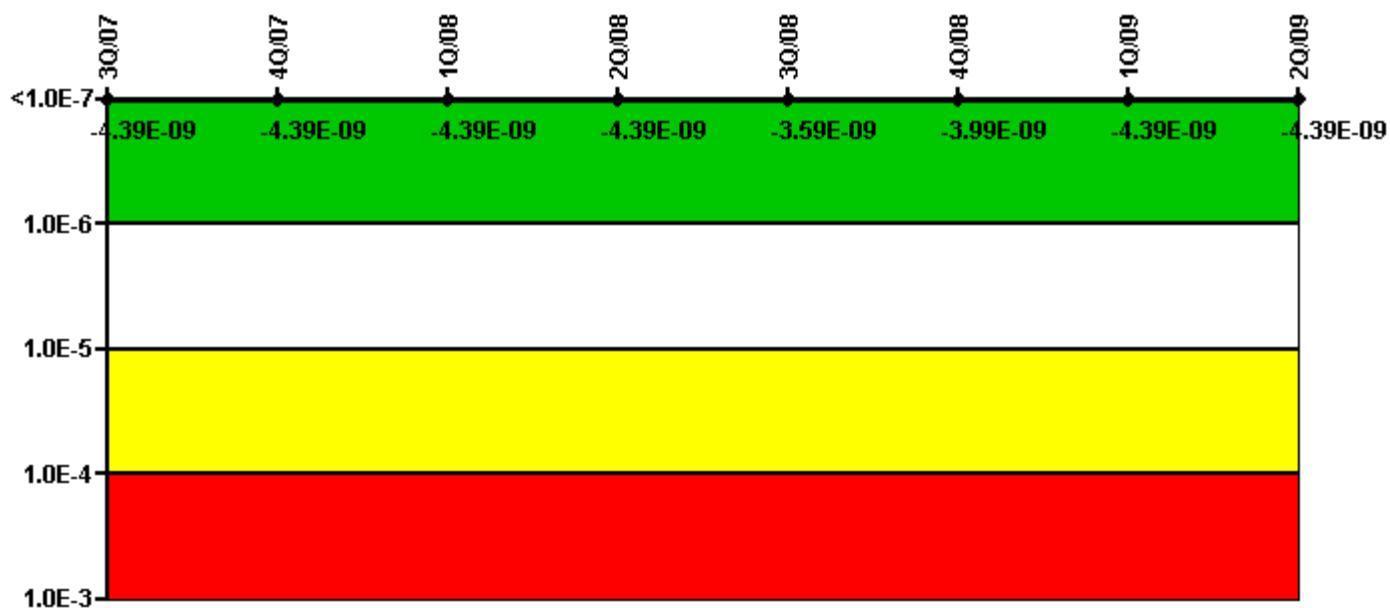
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
UAI (Δ CDF)	-5.20E-08	-5.20E-08	-5.20E-08	-4.00E-08	-4.00E-08	-4.00E-08	-4.00E-08	-4.00E-08
URI (Δ CDF)	-7.40E-08	-7.40E-08	-7.40E-08	2.20E-07	2.20E-07	2.20E-07	2.80E-07	2.80E-07
PLE	NO							
Indicator value	-1.26E-07	-1.26E-07	-1.26E-07	1.80E-07	1.80E-07	1.80E-07	2.40E-07	2.40E-07

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



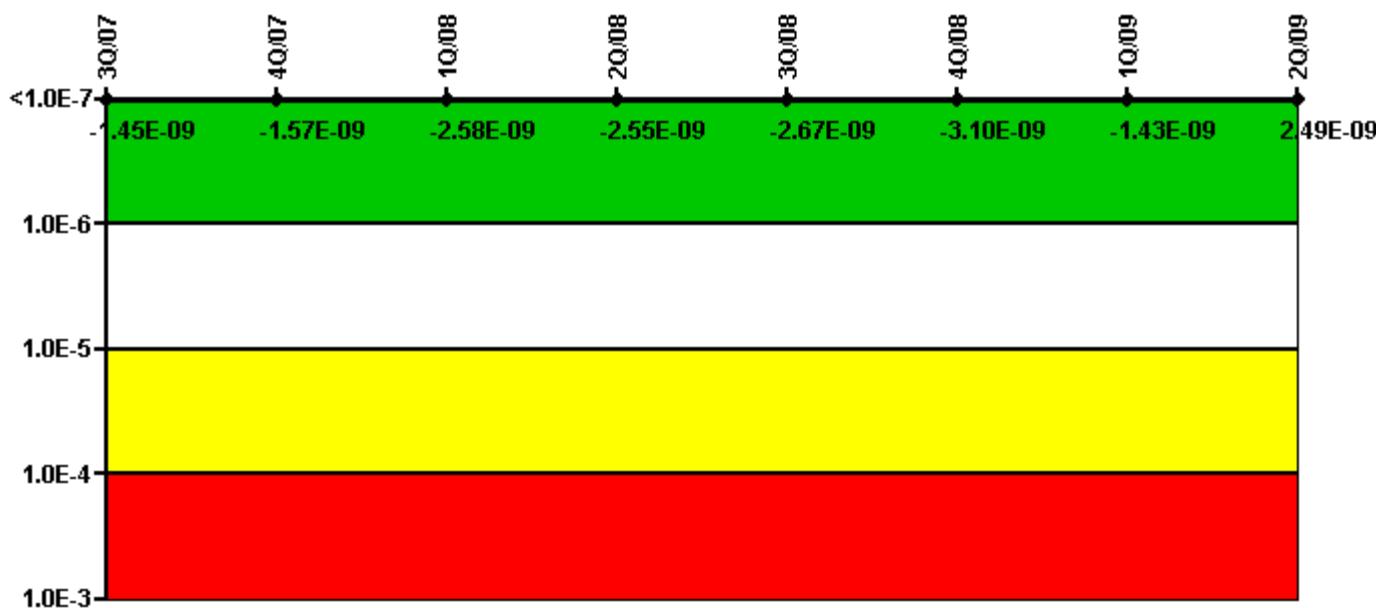
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
UAI (Δ CDF)	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-3.50E-09	-3.90E-09	-4.30E-09	-4.30E-09
URI (Δ CDF)	-8.80E-11							
PLE	NO							
Indicator value	-4.39E-09	-4.39E-09	-4.39E-09	-4.39E-09	-3.59E-09	-3.99E-09	-4.39E-09	-4.39E-09

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



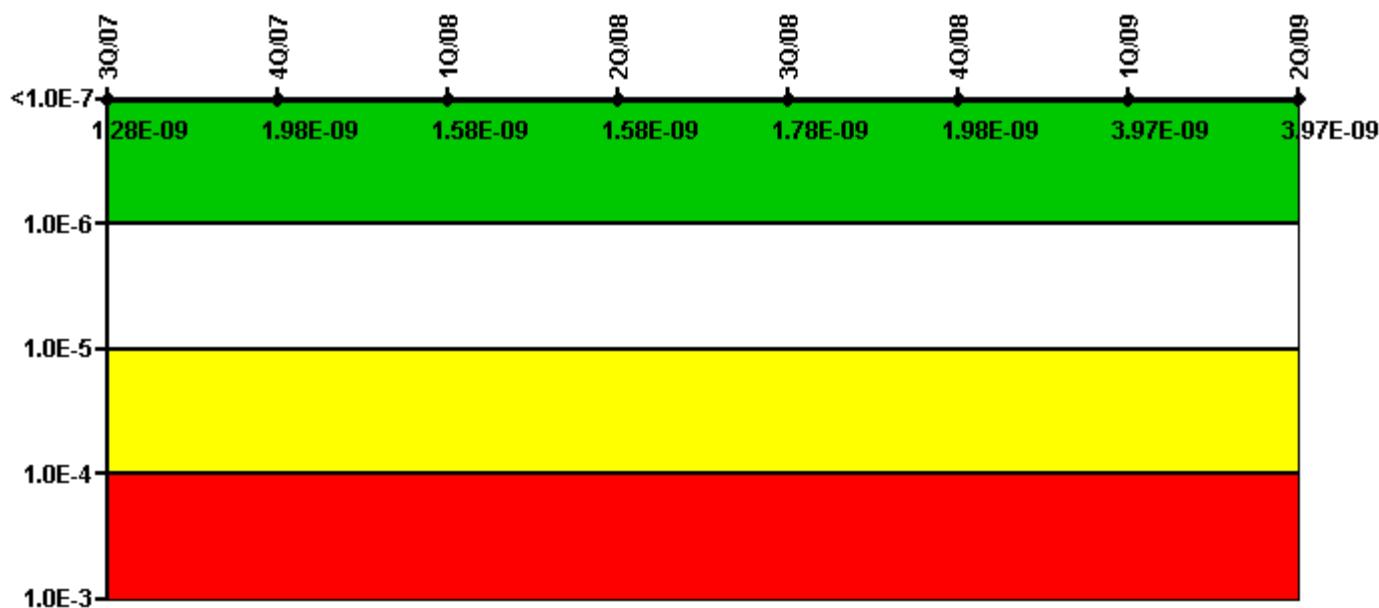
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
UAI (Δ CDF)	2.50E-10	1.30E-10	-8.80E-10	-7.50E-10	-7.70E-10	-1.20E-09	5.70E-10	8.90E-10
URI (Δ CDF)	-1.70E-09	-1.70E-09	-1.70E-09	-1.80E-09	-1.90E-09	-1.90E-09	-2.00E-09	1.60E-09
PLE	NO	NO						
Indicator value	-1.45E-09	-1.57E-09	-2.58E-09	-2.55E-09	-2.67E-09	-3.10E-09	-1.43E-09	2.49E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



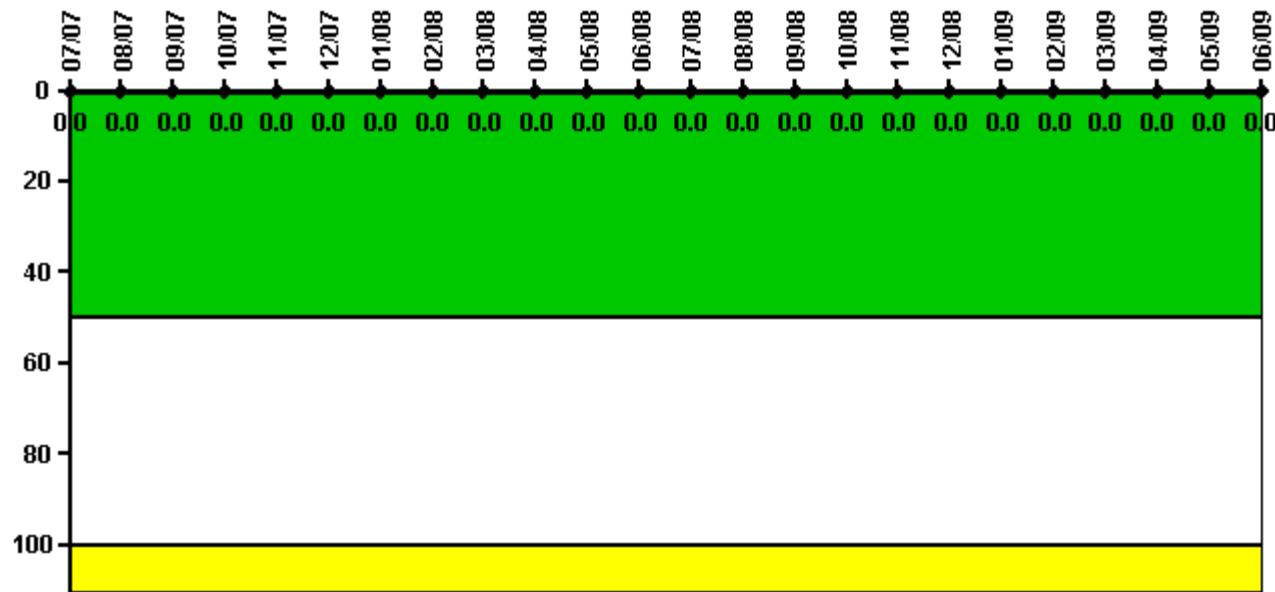
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	1.30E-09	2.00E-09	1.60E-09	1.60E-09	1.80E-09	2.00E-09	4.00E-09	4.00E-09
URI (Δ CDF)	-2.30E-11	-2.20E-11	-2.20E-11	-2.40E-11	-2.50E-11	-2.50E-11	-2.60E-11	-2.70E-11
PLE	NO							
Indicator value	1.28E-09	1.98E-09	1.58E-09	1.58E-09	1.78E-09	1.98E-09	3.97E-09	3.97E-09

Licensee Comments: none

Reactor Coolant System Activity



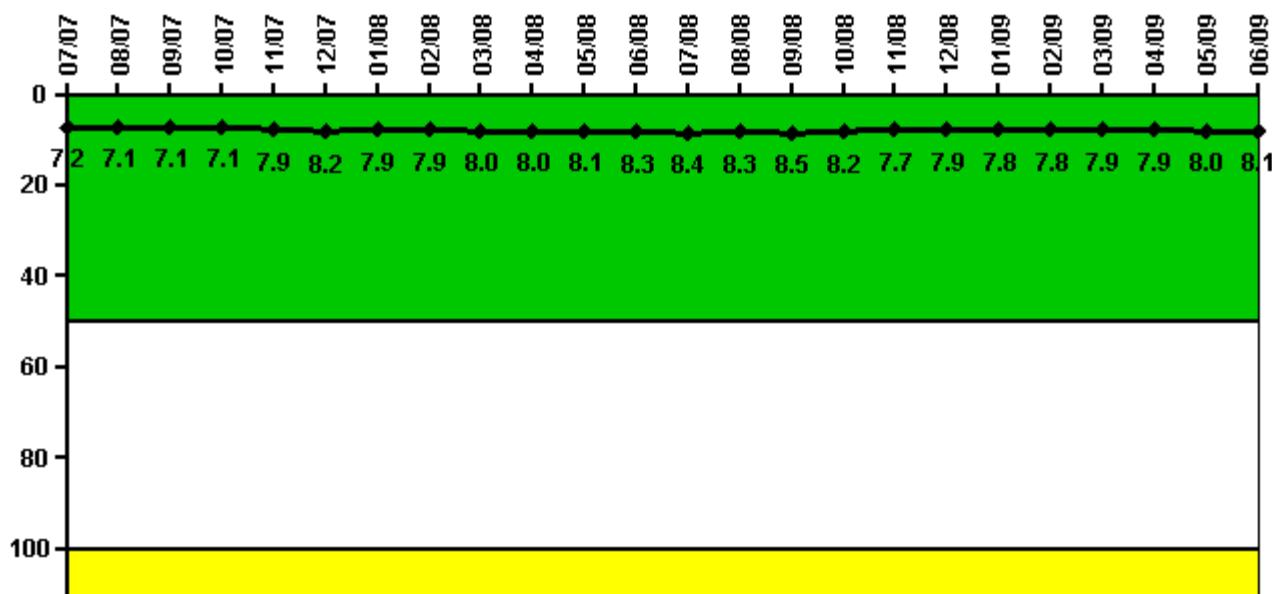
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08
Maximum activity	0.000004	0.000003	0.000005	0.000005	0.000008	0.000006	0.000006	0.000025	0.000003	0.000003	0.000003	0.000002
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
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	0.000002	0.000003	0.000002	0.000003	0.000003	0.000003	0.000002	0.000002	0.000003	0.000003	0.000003	0.000003
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



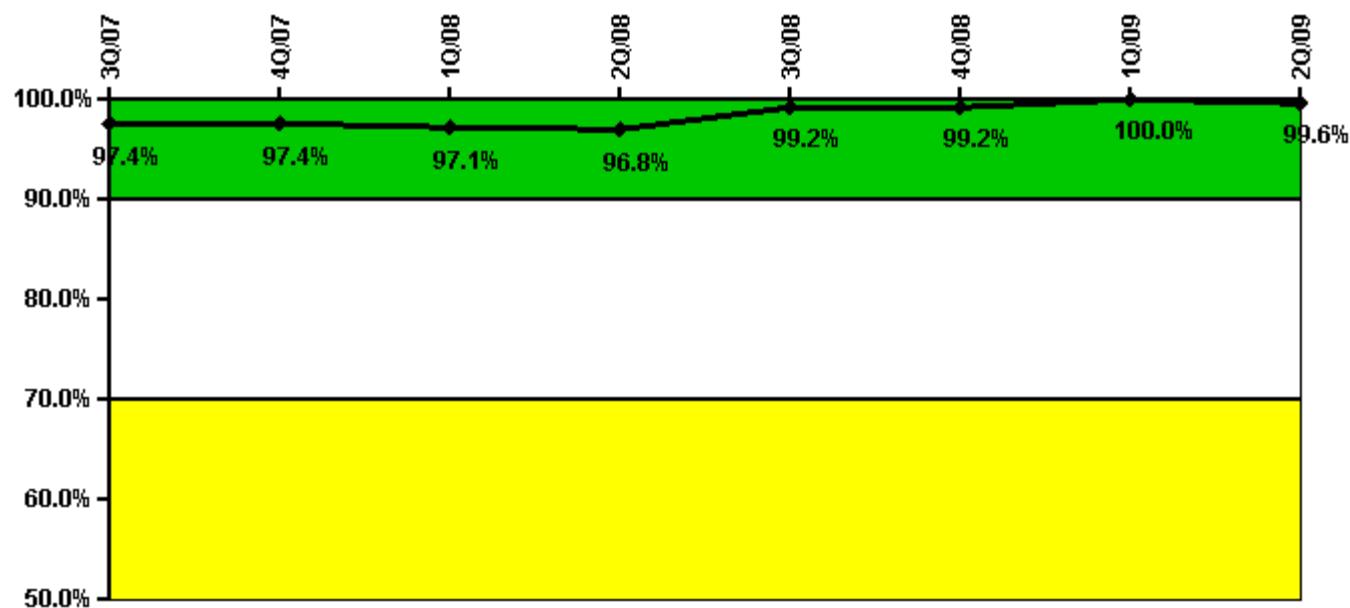
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08
Maximum leakage	1.805	1.785	1.773	1.785	1.983	2.042	1.967	1.983	1.995	1.995	2.030	2.080
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	7.2	7.1	7.1	7.1	7.9	8.2	7.9	7.9	8.0	8.0	8.1	8.3
Reactor Coolant System Leakage	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09	4/09	5/09	6/09
Maximum leakage	2.105	2.083	2.115	2.045	1.928	1.973	1.942	1.950	1.980	1.975	1.992	2.015
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	8.4	8.3	8.5	8.2	7.7	7.9	7.8	7.8	7.9	7.9	8.0	8.1

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

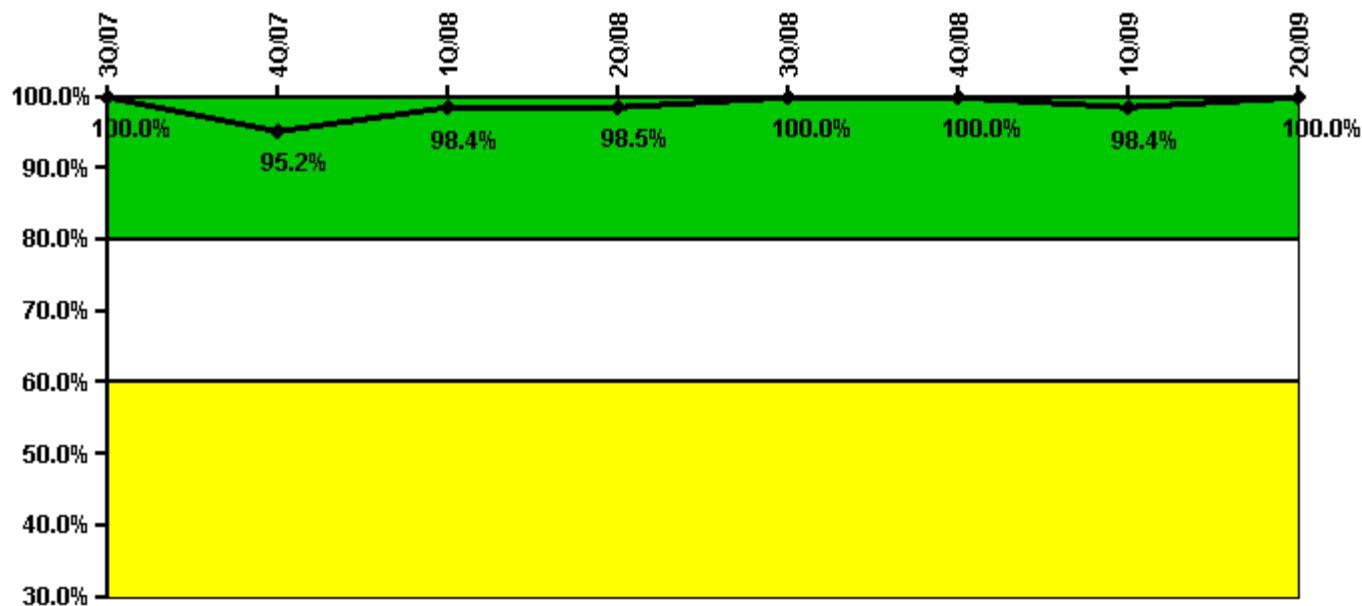
Notes

Drill/Exercise Performance	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Successful opportunities	40.0	2.0	24.0	16.0	40.0	24.0	46.0	35.0
Total opportunities	40.0	2.0	24.0	16.0	40.0	24.0	46.0	36.0
Indicator value	97.4%	97.4%	97.1%	96.8%	99.2%	99.2%	100.0%	99.6%

Licensee Comments:

1Q/09: Indicator values for March 2009 updated from 12/12 to 14/14. No change in indicator color.

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

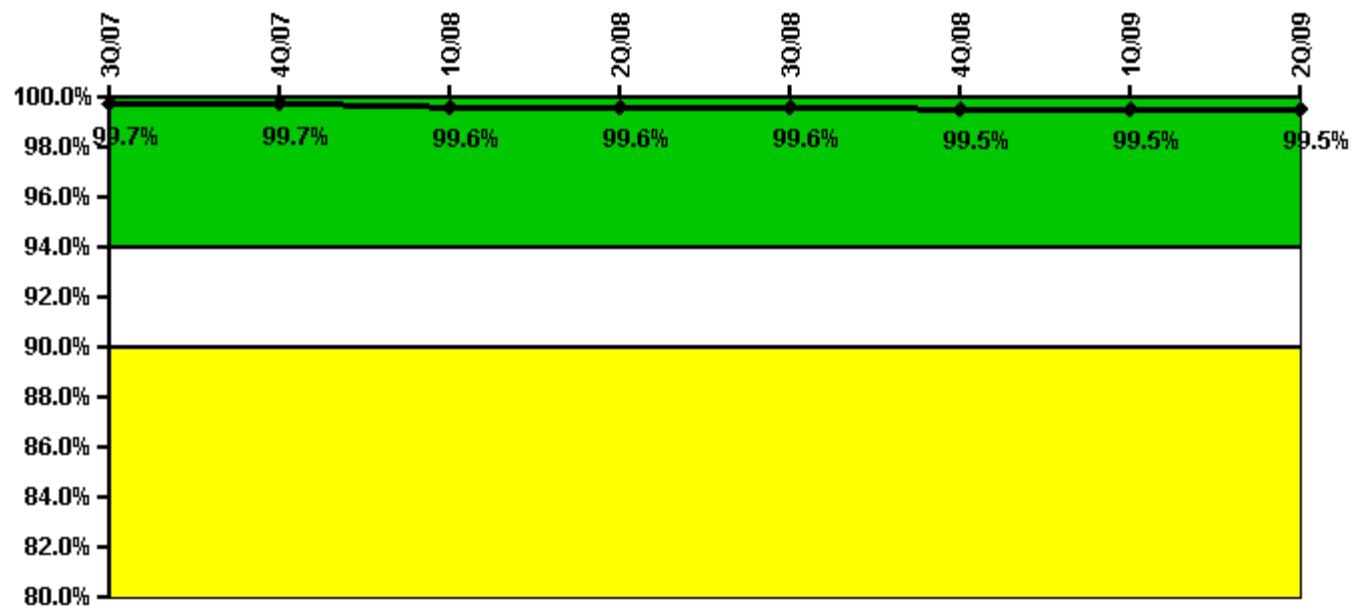
Notes

ERO Drill Participation	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Participating Key personnel	63.0	60.0	63.0	67.0	64.0	64.0	63.0	65.0
Total Key personnel	63.0	63.0	64.0	68.0	64.0	64.0	64.0	65.0
Indicator value	100.0%	95.2%	98.4%	98.5%	100.0%	100.0%	98.4%	100.0%

Licensee Comments:

1Q/08: For March 2008, Total Key personnel changed from 63 to 64 and Participating Key personnel changed from 62 to 63. No change in indicator color.

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	4961	4982	4970	4972	5037	4963	4900	4978
Total sirens-tests	4992	4992	4992	4992	5070	4992	4914	4992
Indicator value	99.7%	99.7%	99.6%	99.6%	99.6%	99.5%	99.5%	99.5%

Licensee Comments: none

Occupational Exposure Control Effectiveness



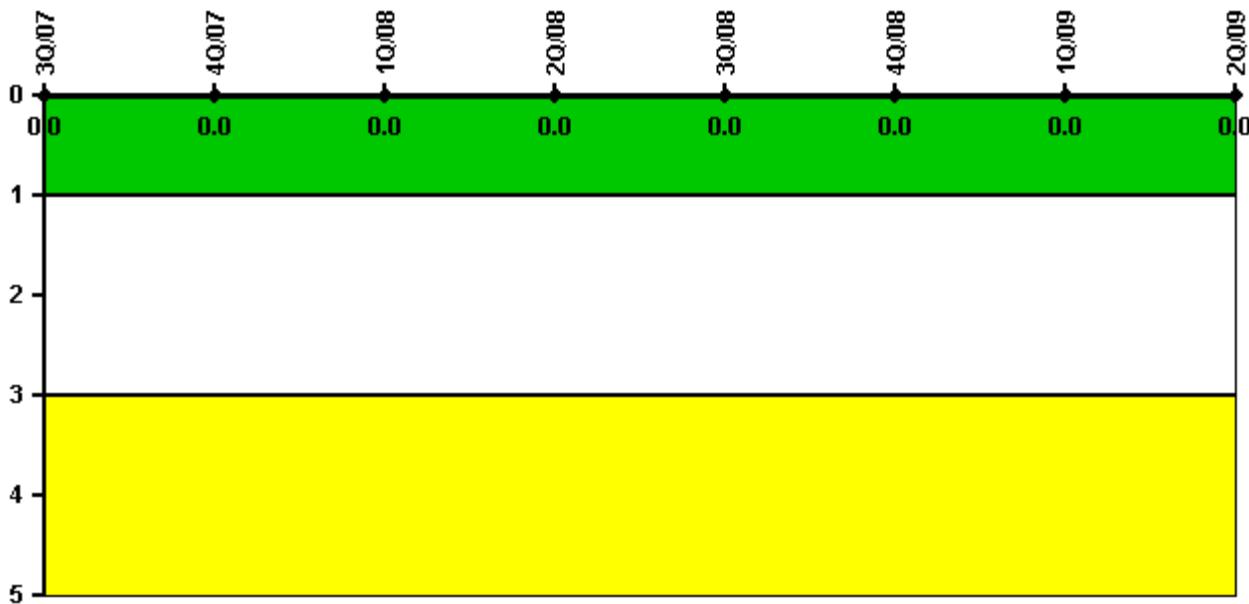
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/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](#)

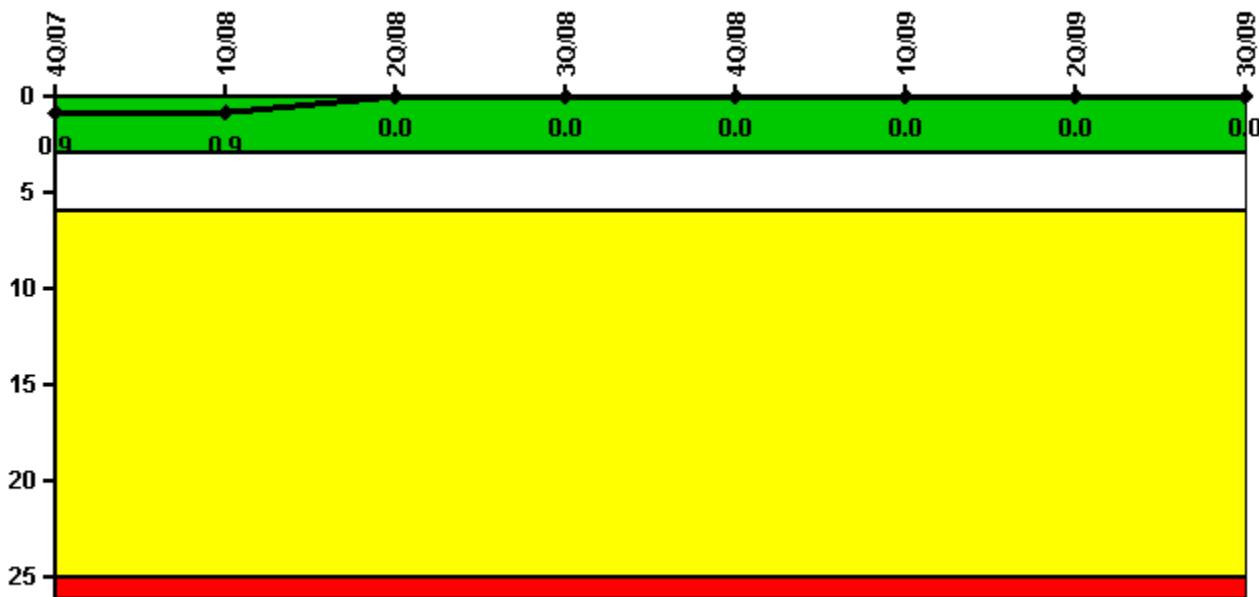
Last Modified: July 22, 2009

Dresden 2

3Q/2009 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs

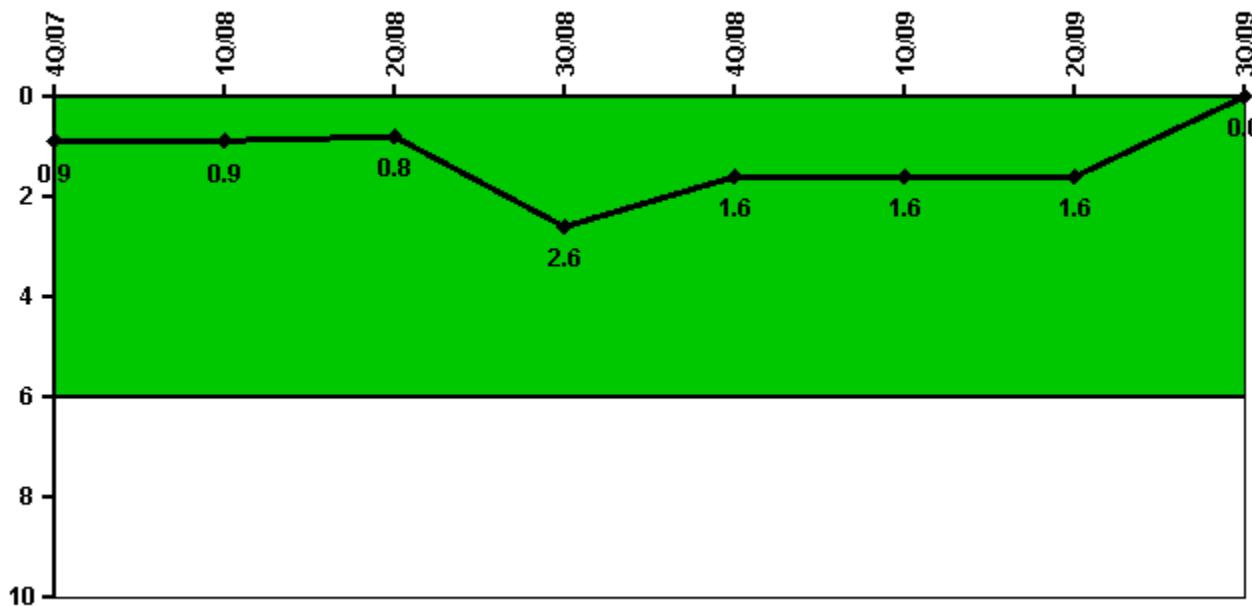


Notes

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	1723.9	2183.0	2184.0	2087.4	2209.0	2159.0	2184.0	2208.0
Indicator value	0.9	0.9	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



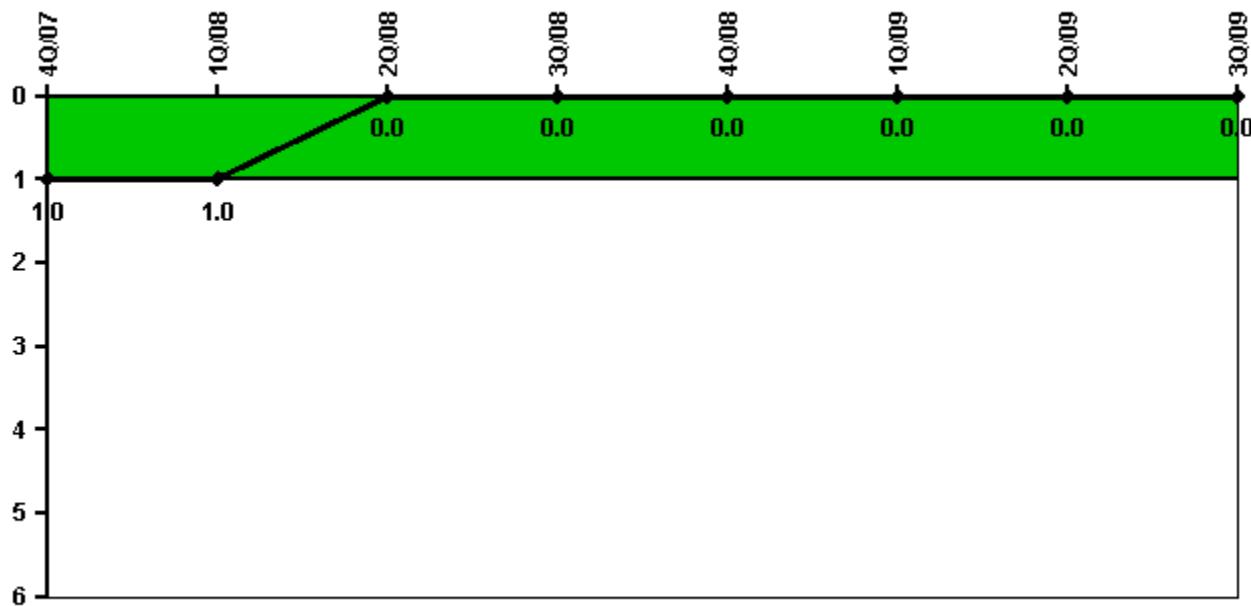
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Unplanned power changes	1.0	0	0	2.0	0	0	0	0
Critical hours	1723.9	2183.0	2184.0	2087.4	2209.0	2159.0	2184.0	2208.0
Indicator value	0.9	0.9	0.8	2.6	1.6	1.6	1.6	0

Licensee Comments: none

Unplanned Scrams with Complications



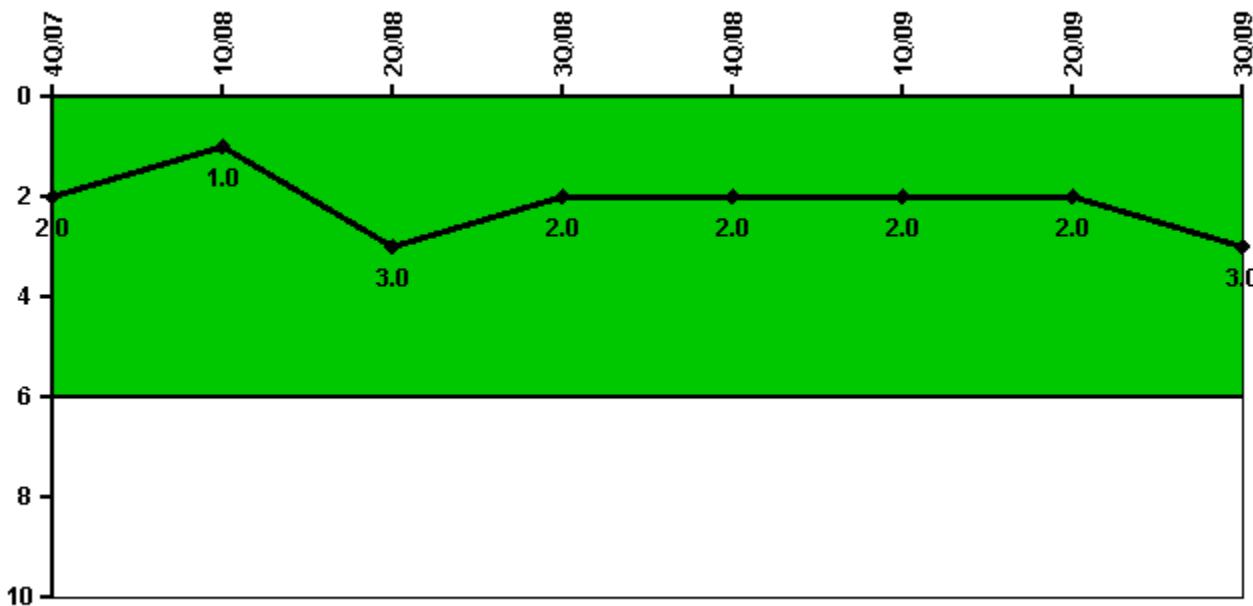
Thresholds: White > 1.0

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		1.0	1.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (BWR)



Thresholds: White > 6.0

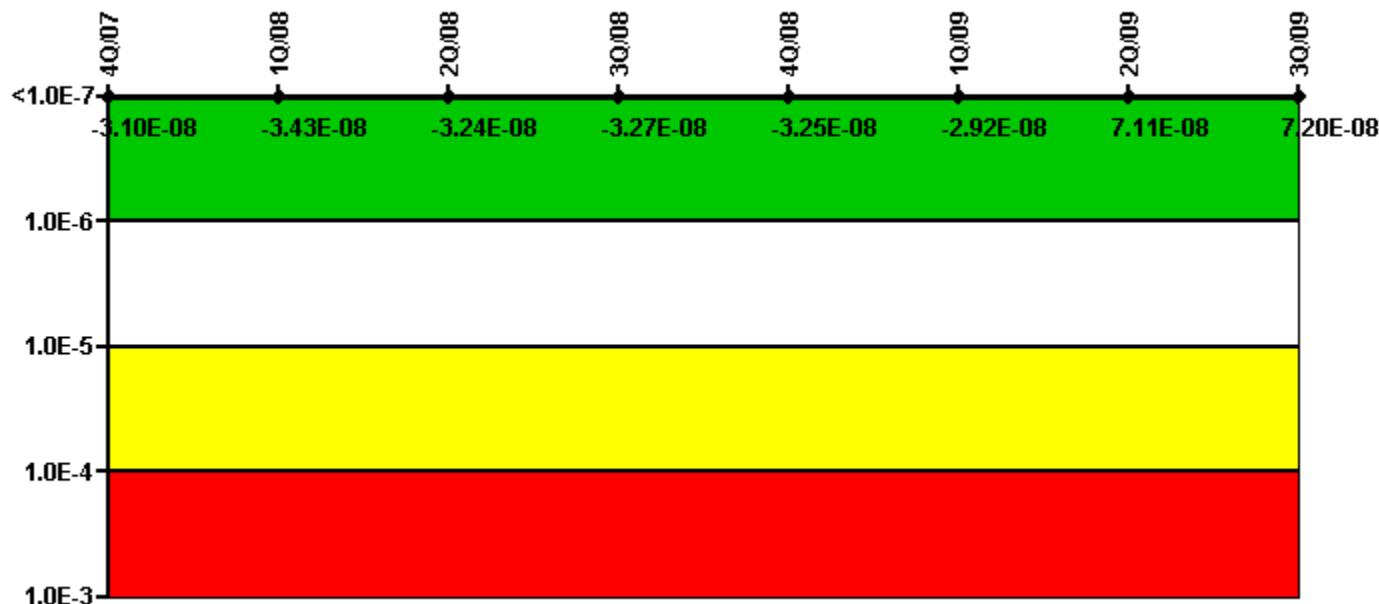
Notes

Safety System Functional Failures (BWR)	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Safety System Functional Failures	0	0	2	0	0	0	2	1
Indicator value	2	1	3	2	2	2	2	3

Licensee Comments:

3Q/09: Reference: Licensee Event Report 237/2009-003-00, dated August 3, 2009

Mitigating Systems Performance Index, Emergency AC Power System



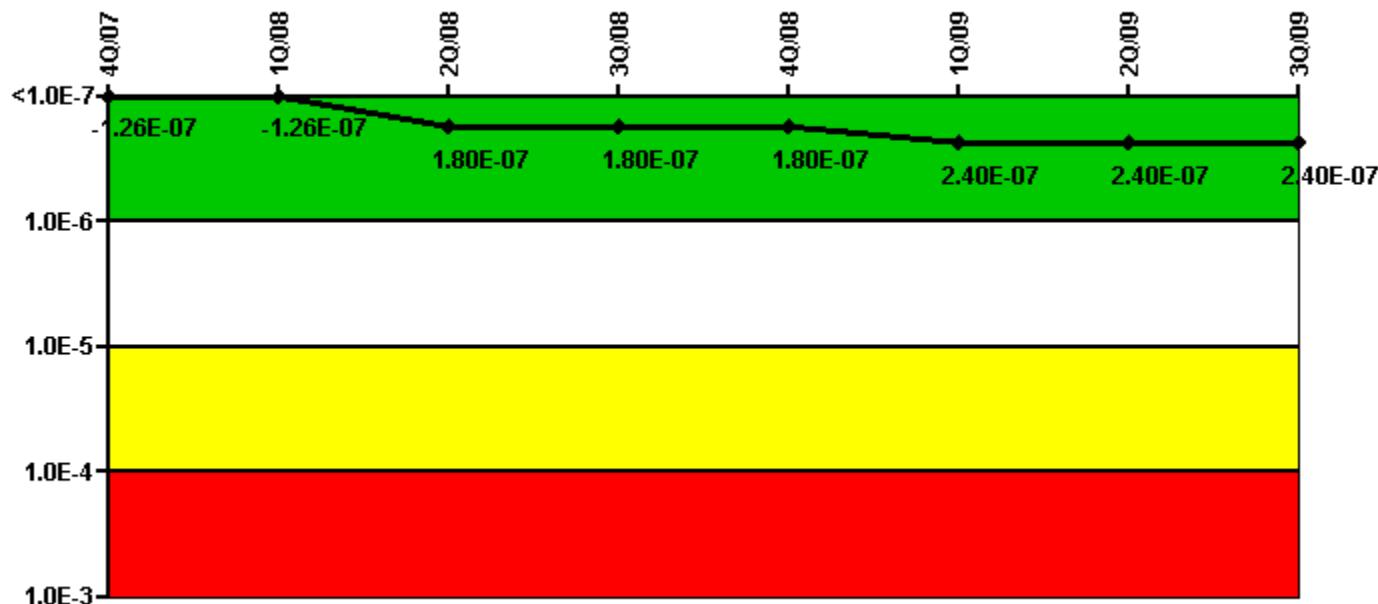
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

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)	6.00E-09	7.20E-10	5.90E-10	3.50E-10	5.20E-10	5.80E-09	8.10E-09	9.00E-09
URI (Δ CDF)	-3.70E-08	-3.50E-08	-3.30E-08	-3.30E-08	-3.30E-08	-3.50E-08	6.30E-08	6.30E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.10E-08	-3.43E-08	-3.24E-08	-3.27E-08	-3.25E-08	-2.92E-08	7.11E-08	7.20E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



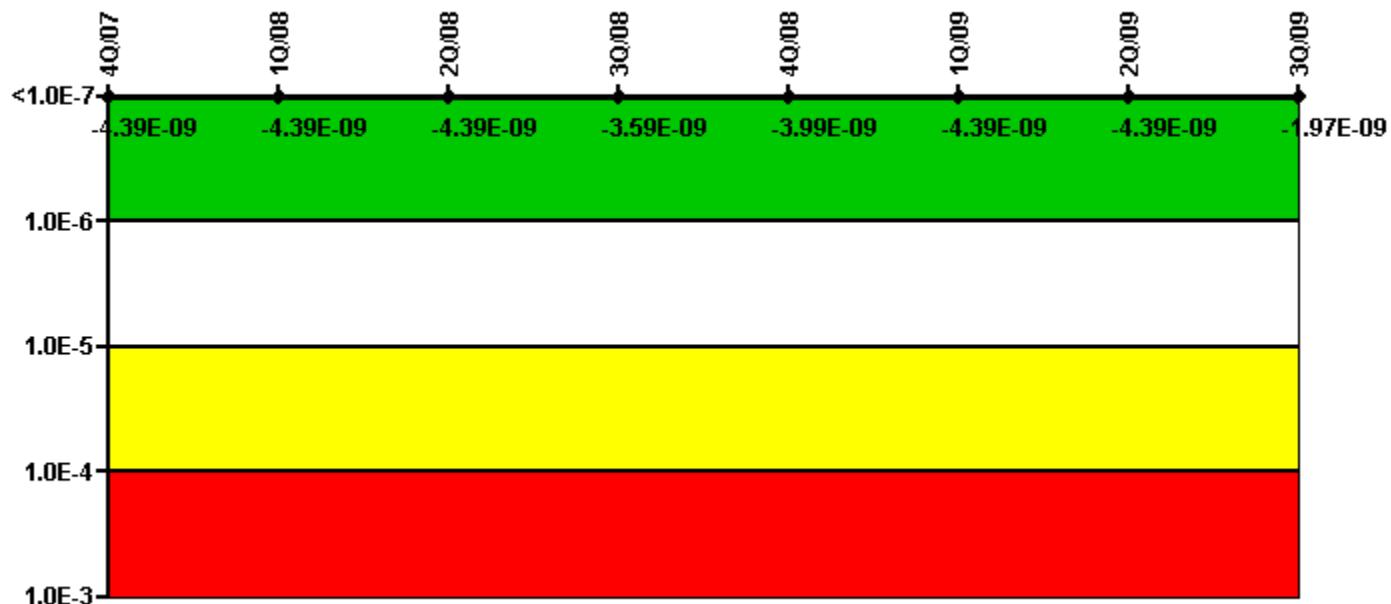
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
UAI (Δ CDF)	-5.20E-08	-5.20E-08	-4.00E-08	-4.00E-08	-4.00E-08	-4.00E-08	-4.00E-08	-4.00E-08
URI (Δ CDF)	-7.40E-08	-7.40E-08	2.20E-07	2.20E-07	2.20E-07	2.80E-07	2.80E-07	2.80E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.26E-07	-1.26E-07	1.80E-07	1.80E-07	1.80E-07	2.40E-07	2.40E-07	2.40E-07

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



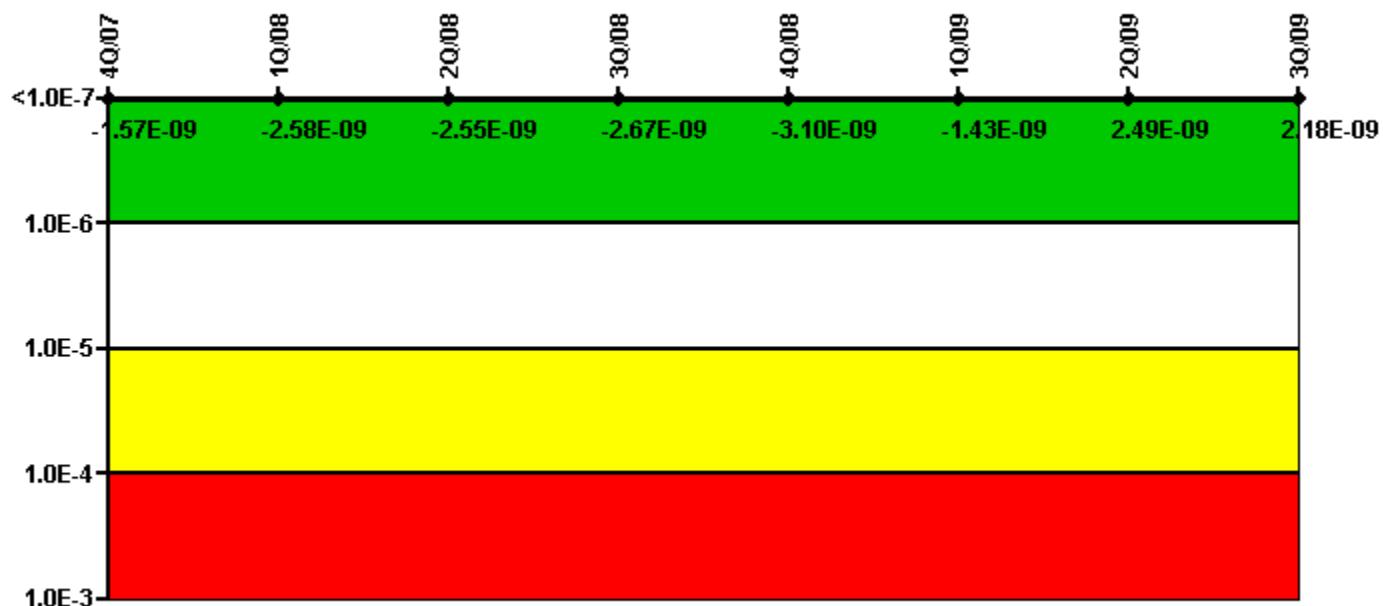
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
UAI (Δ CDF)	-4.30E-09	-4.30E-09	-4.30E-09	-3.50E-09	-3.90E-09	-4.30E-09	-4.30E-09	-1.90E-09
URI (Δ CDF)	-8.80E-11	-7.10E-11						
PLE	NO							
Indicator value	-4.39E-09	-4.39E-09	-4.39E-09	-3.59E-09	-3.99E-09	-4.39E-09	-4.39E-09	-1.97E-09

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



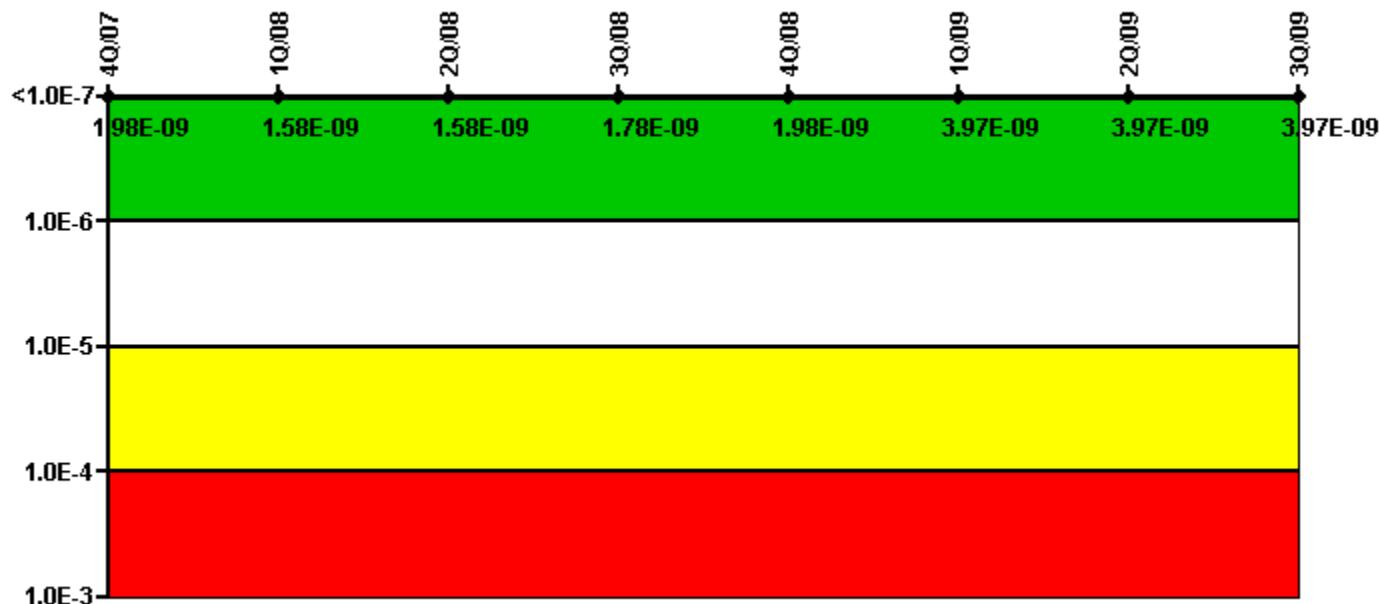
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
UAI (Δ CDF)	1.30E-10	-8.80E-10	-7.50E-10	-7.70E-10	-1.20E-09	5.70E-10	8.90E-10	8.80E-10
URI (Δ CDF)	-1.70E-09	-1.70E-09	-1.80E-09	-1.90E-09	-1.90E-09	-2.00E-09	1.60E-09	1.30E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.57E-09	-2.58E-09	-2.55E-09	-2.67E-09	-3.10E-09	-1.43E-09	2.49E-09	2.18E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



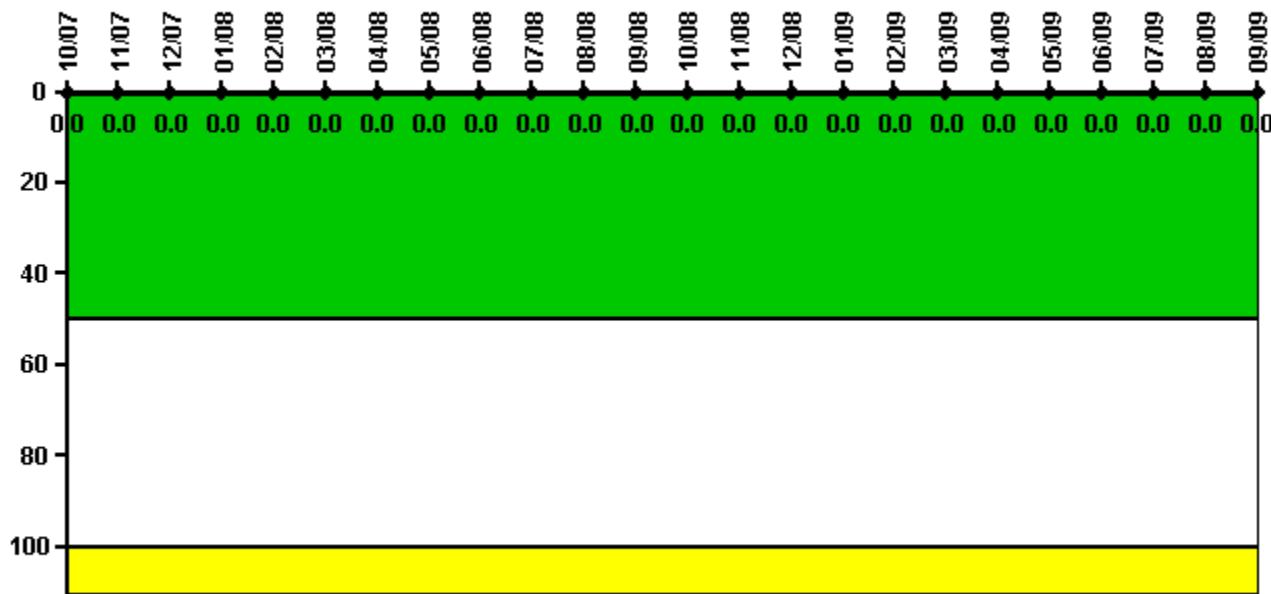
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	2.00E-09	1.60E-09	1.60E-09	1.80E-09	2.00E-09	4.00E-09	4.00E-09	4.00E-09
URI (Δ CDF)	-2.20E-11	-2.20E-11	-2.40E-11	-2.50E-11	-2.50E-11	-2.60E-11	-2.70E-11	-2.90E-11
PLE	NO							
Indicator value	1.98E-09	1.58E-09	1.58E-09	1.78E-09	1.98E-09	3.97E-09	3.97E-09	3.97E-09

Licensee Comments: none

Reactor Coolant System Activity



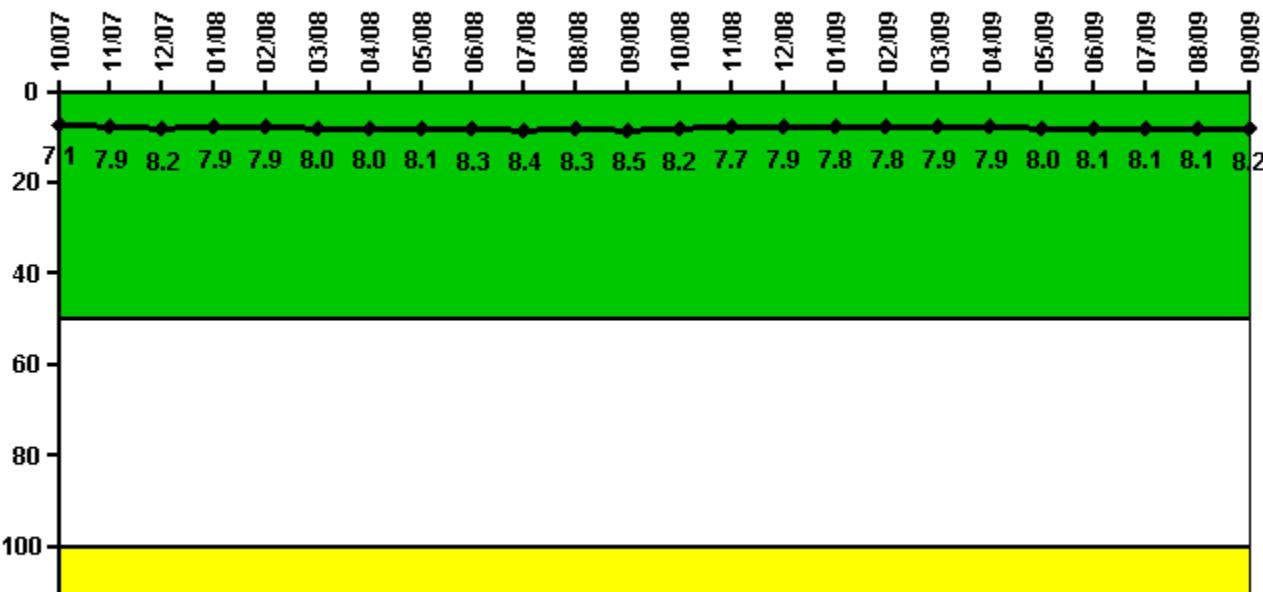
Thresholds: White > 50.0 Yellow > 100.0

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	0.000005	0.000008	0.000006	0.000006	0.000025	0.000003	0.000003	0.000003	0.000002	0.000002	0.000003	0.000002
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	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	0.000003	0.000003	0.000003	0.000002	0.000002	0.000003	0.000003	0.000003	0.000003	0.000003	0.000003	0.000003
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



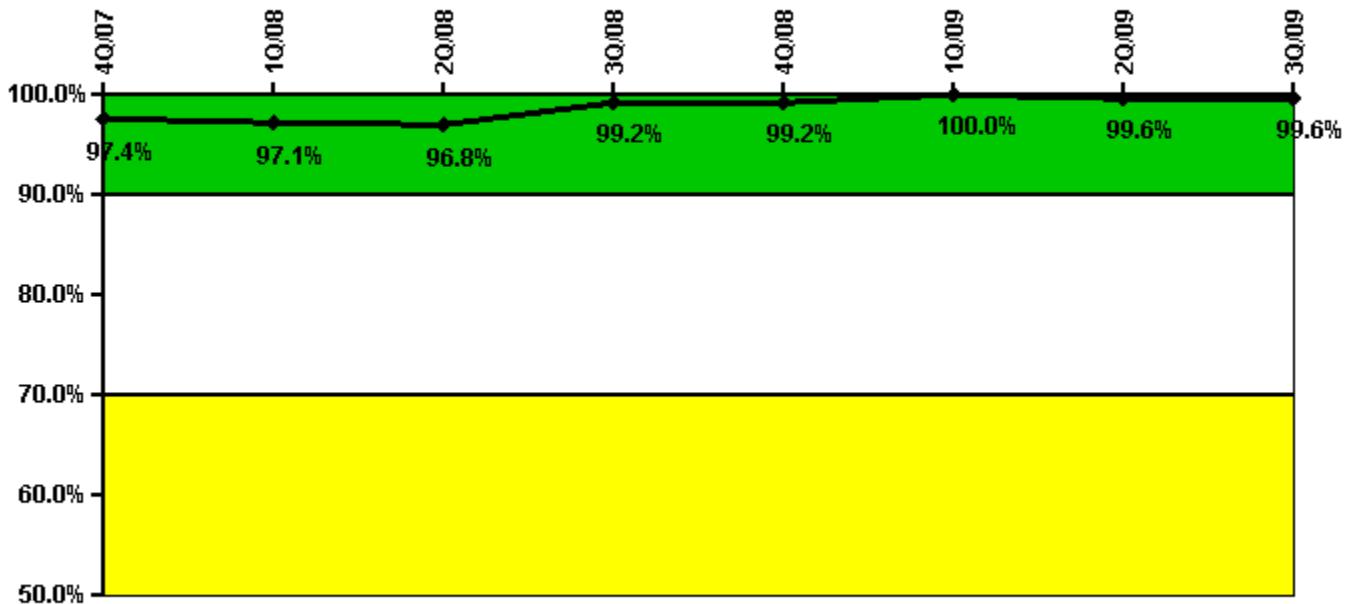
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08
Maximum leakage	1.785	1.983	2.042	1.967	1.983	1.995	1.995	2.030	2.080	2.105	2.083	2.115
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	7.1	7.9	8.2	7.9	7.9	8.0	8.0	8.1	8.3	8.4	8.3	8.5
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	2.045	1.928	1.973	1.942	1.950	1.980	1.975	1.992	2.015	2.017	2.023	2.042
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	8.2	7.7	7.9	7.8	7.8	7.9	7.9	8.0	8.1	8.1	8.1	8.2

Licensee Comments: none

Drill/Exercise Performance



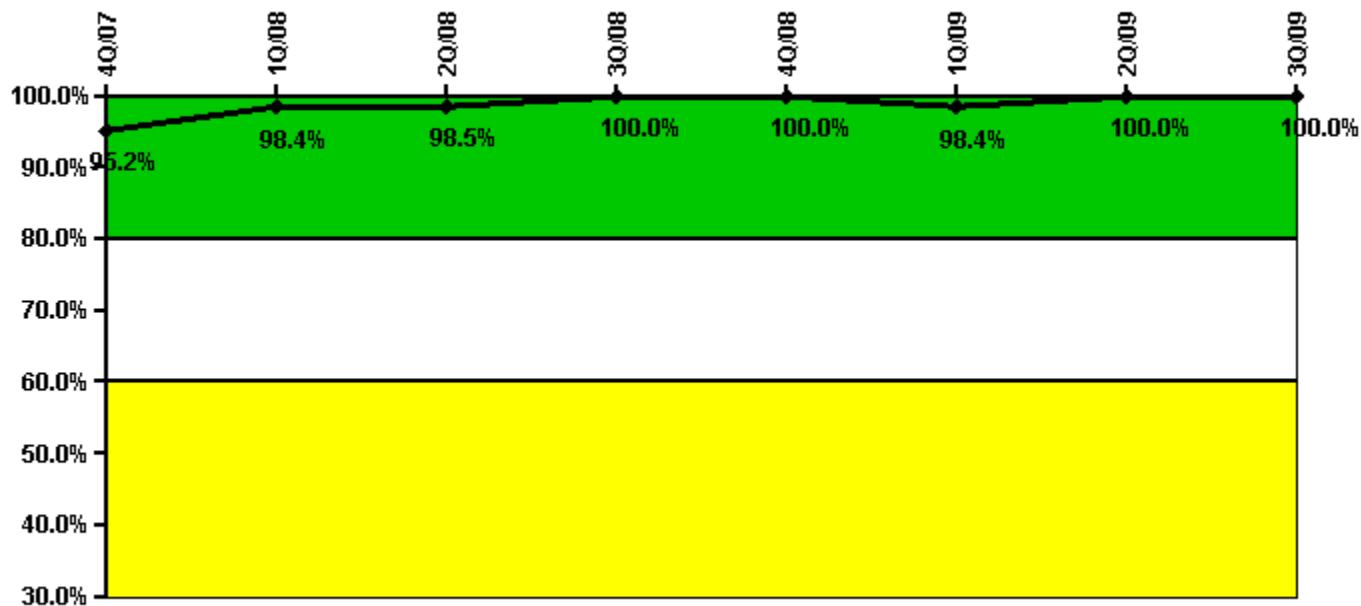
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Successful opportunities	2.0	24.0	16.0	40.0	24.0	46.0	35.0	36.0
Total opportunities	2.0	24.0	16.0	40.0	24.0	46.0	36.0	36.0
Indicator value	97.4%	97.1%	96.8%	99.2%	99.2%	100.0%	99.6%	99.6%

Licensee Comments: none

ERO Drill Participation



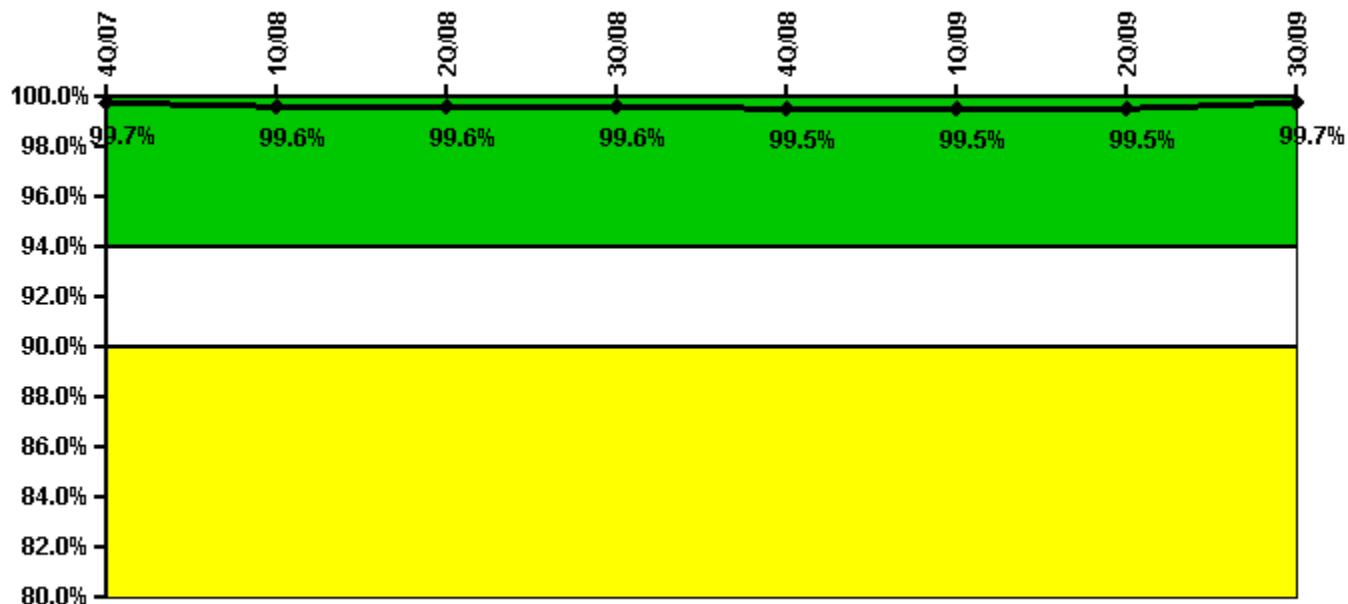
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Participating Key personnel	60.0	63.0	67.0	64.0	64.0	63.0	65.0	65.0
Total Key personnel	63.0	64.0	68.0	64.0	64.0	64.0	65.0	65.0
Indicator value	95.2%	98.4%	98.5%	100.0%	100.0%	98.4%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



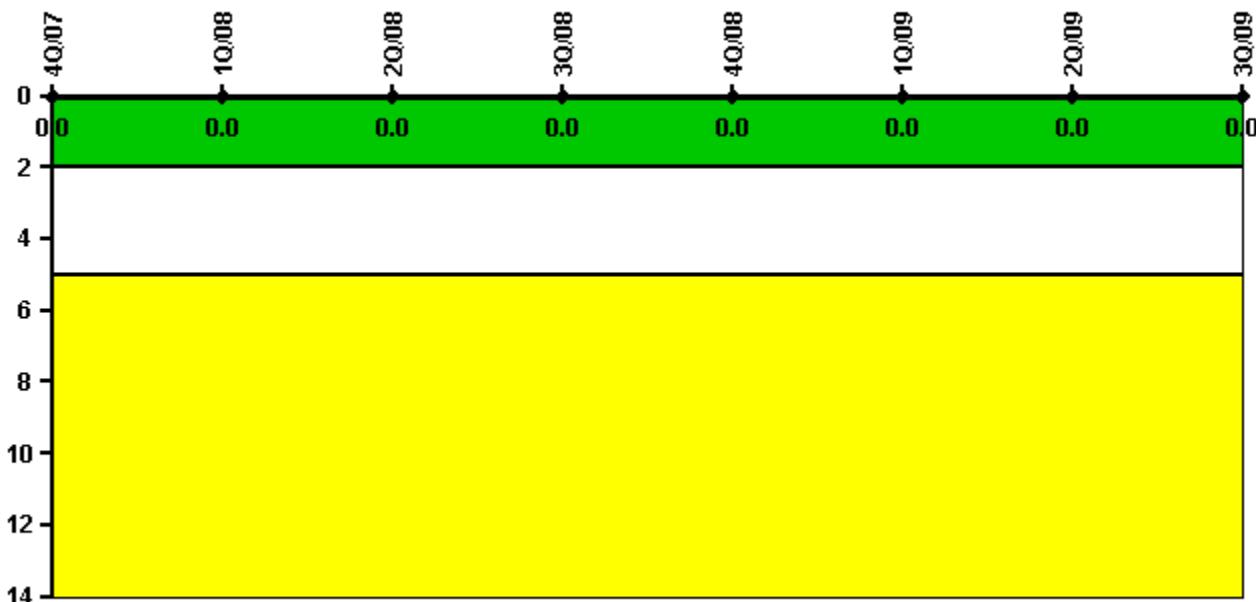
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Successful siren-tests	4982	4970	4972	5037	4963	4900	4978	5064
Total sirens-tests	4992	4992	4992	5070	4992	4914	4992	5070
Indicator value	99.7%	99.6%	99.6%	99.6%	99.5%	99.5%	99.5%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



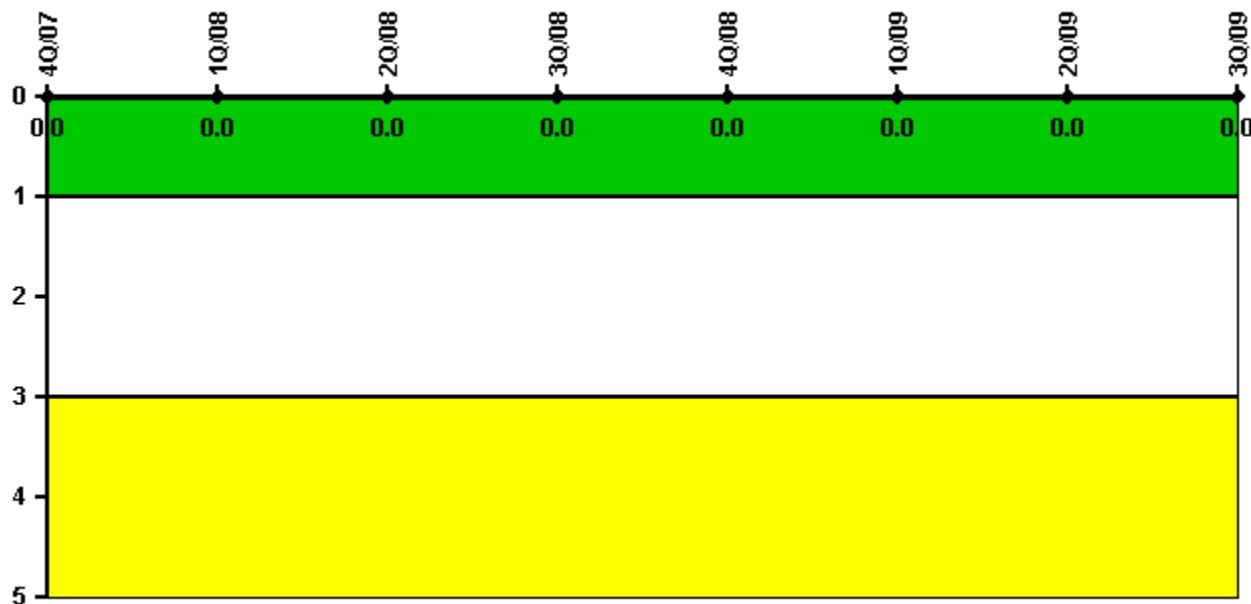
Thresholds: White > 2.0 Yellow > 5.0

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

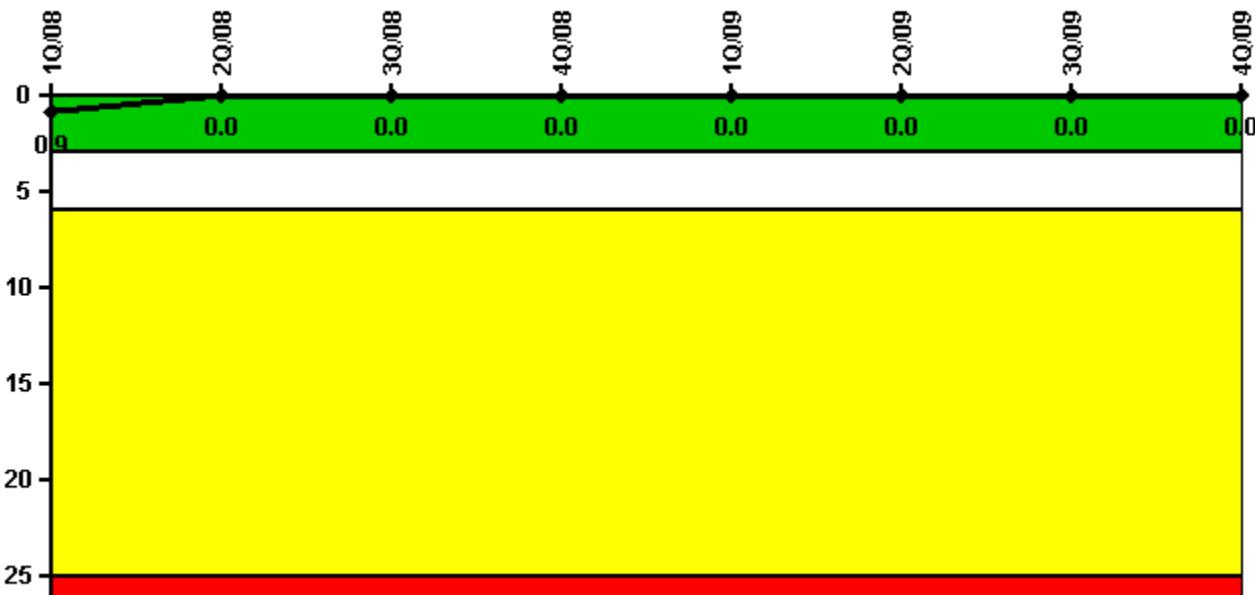
[Security](#) information not publicly available.

Dresden 2

4Q/2009 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



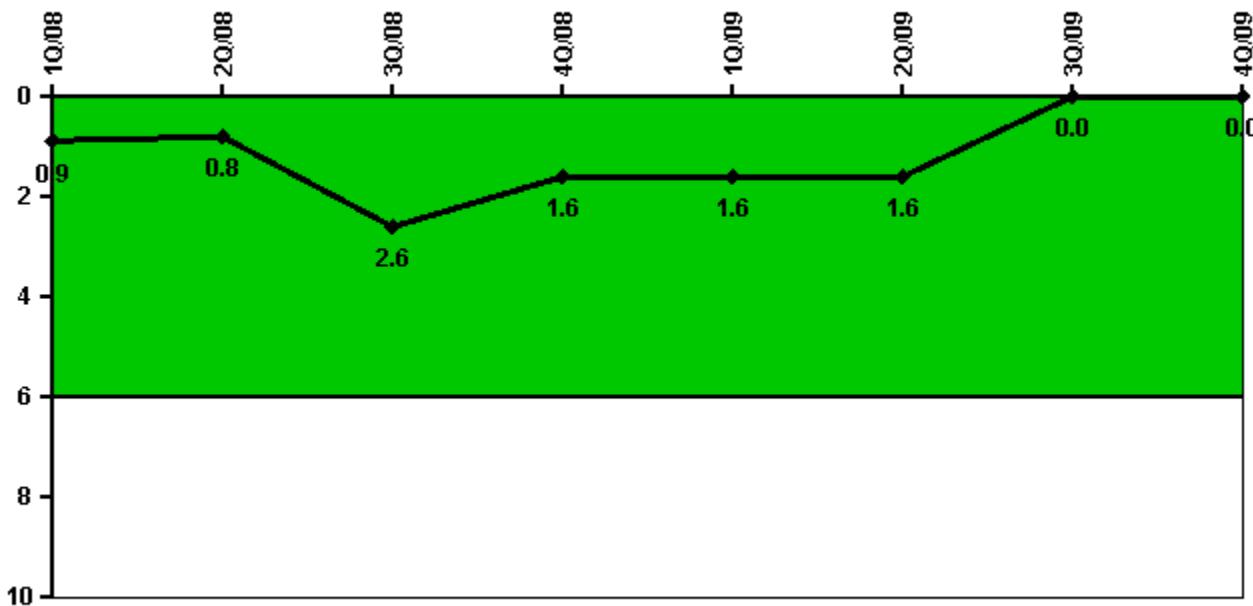
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	2087.4	2209.0	2159.0	2184.0	2208.0	1508.4
Indicator value	0.9	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



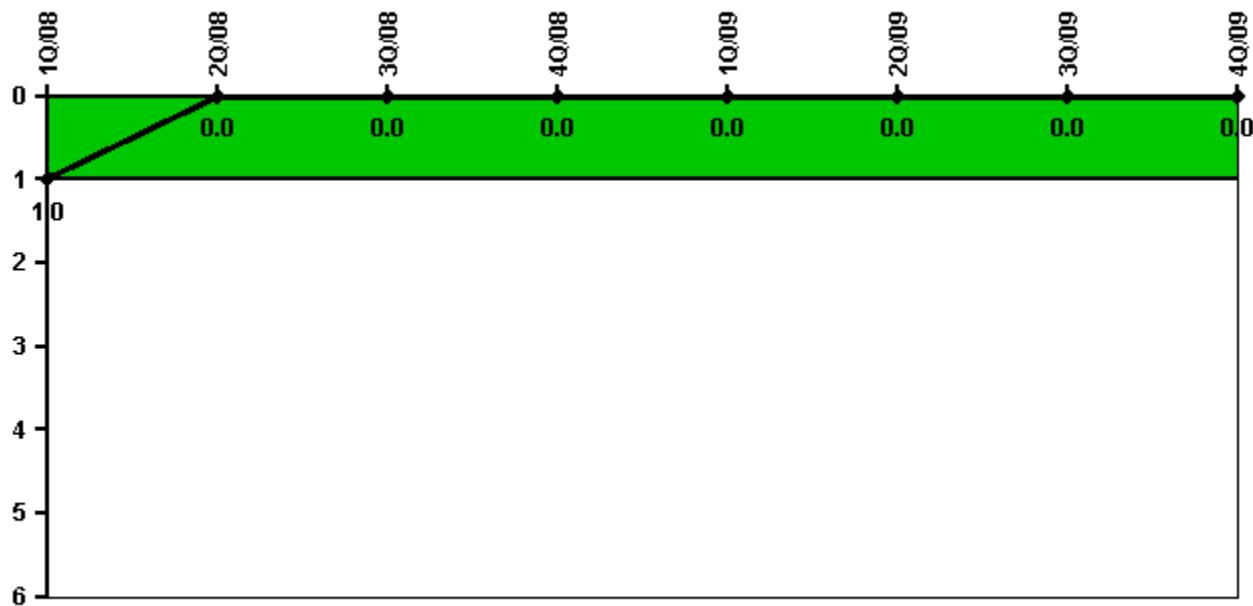
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	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	0
Critical hours	2183.0	2184.0	2087.4	2209.0	2159.0	2184.0	2208.0	1508.4
Indicator value	0.9	0.8	2.6	1.6	1.6	1.6	0	0

Licensee Comments: none

Unplanned Scrams with Complications



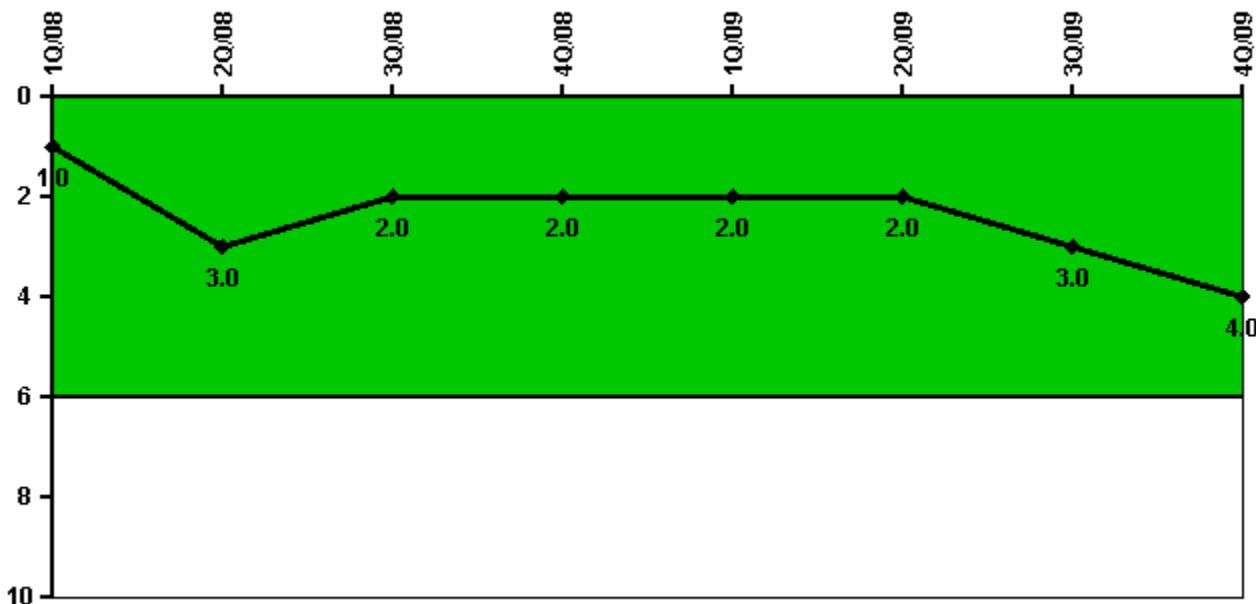
Thresholds: White > 1.0

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	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (BWR)



Thresholds: White > 6.0

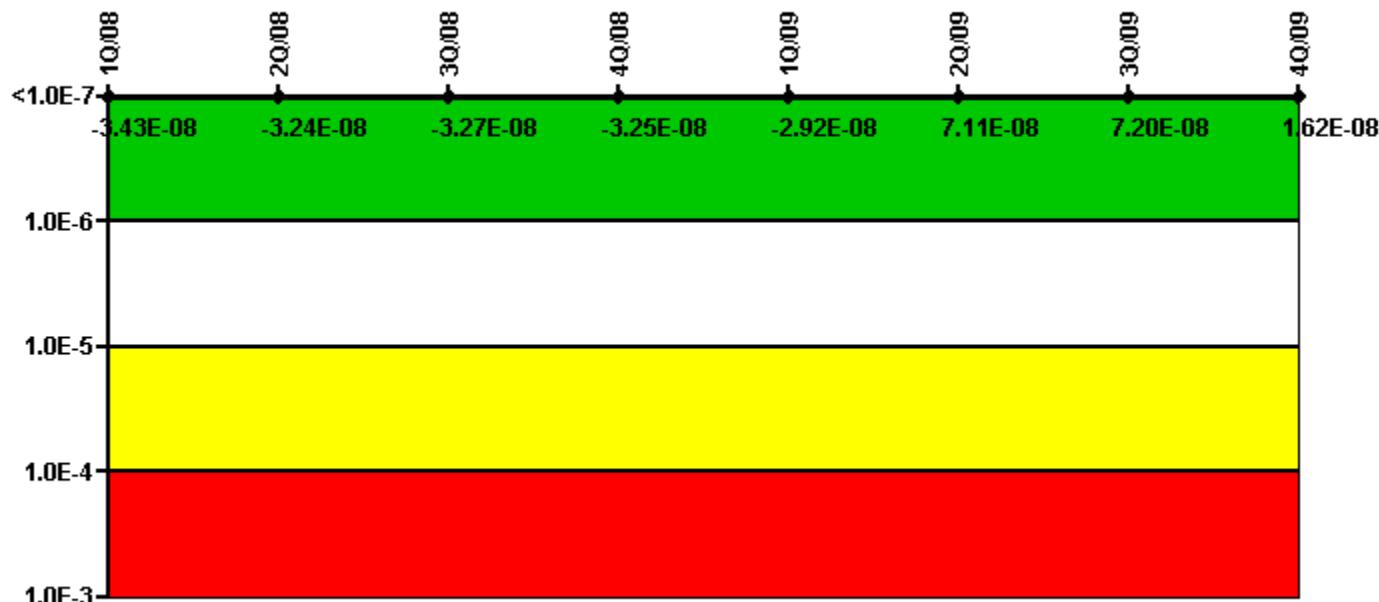
Notes

Safety System Functional Failures (BWR)	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Safety System Functional Failures	0	2	0	0	0	2	1	1
Indicator value	1	3	2	2	2	2	3	4

Licensee Comments:

4Q/09: Ref: LER 237/2009-004, "Unit 2 Shutdown Cooling System Isolation during Cooldown due to Temperature Instrumentation Failure," dated 12/22/09

Mitigating Systems Performance Index, Emergency AC Power System



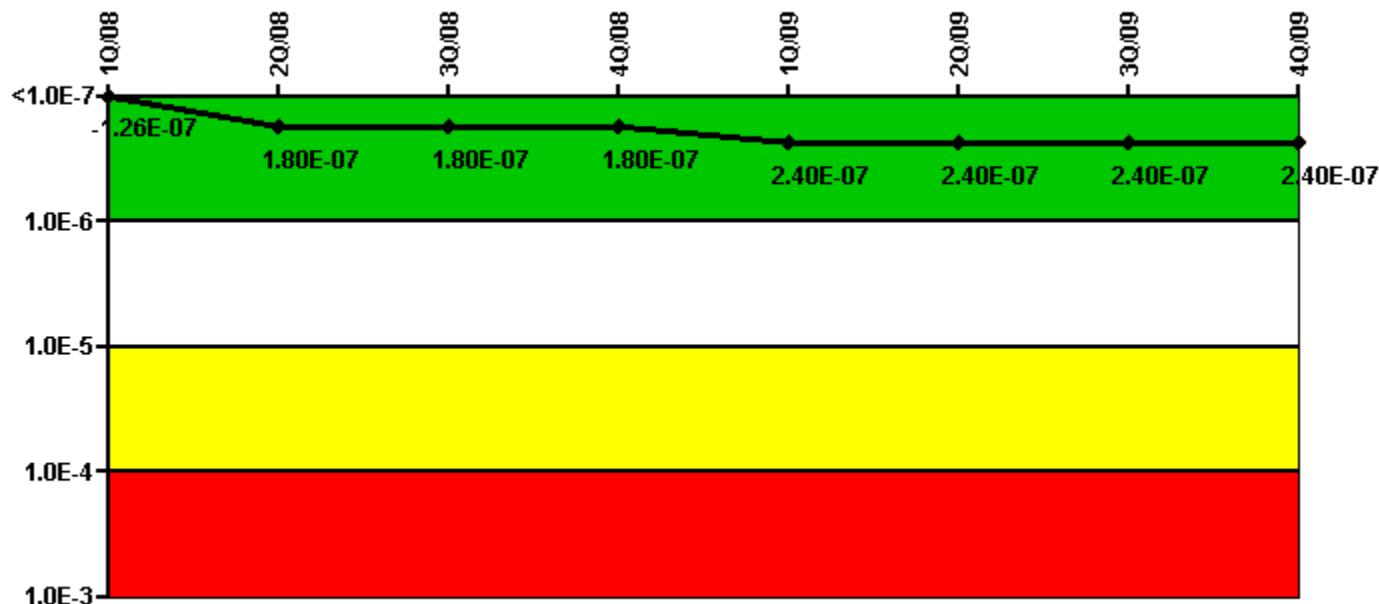
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	7.20E-10	5.90E-10	3.50E-10	5.20E-10	5.80E-09	8.10E-09	9.00E-09	1.40E-08
URI (Δ CDF)	-3.50E-08	-3.30E-08	-3.30E-08	-3.30E-08	-3.50E-08	6.30E-08	6.30E-08	2.20E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.43E-08	-3.24E-08	-3.27E-08	-3.25E-08	-2.92E-08	7.11E-08	7.20E-08	1.62E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



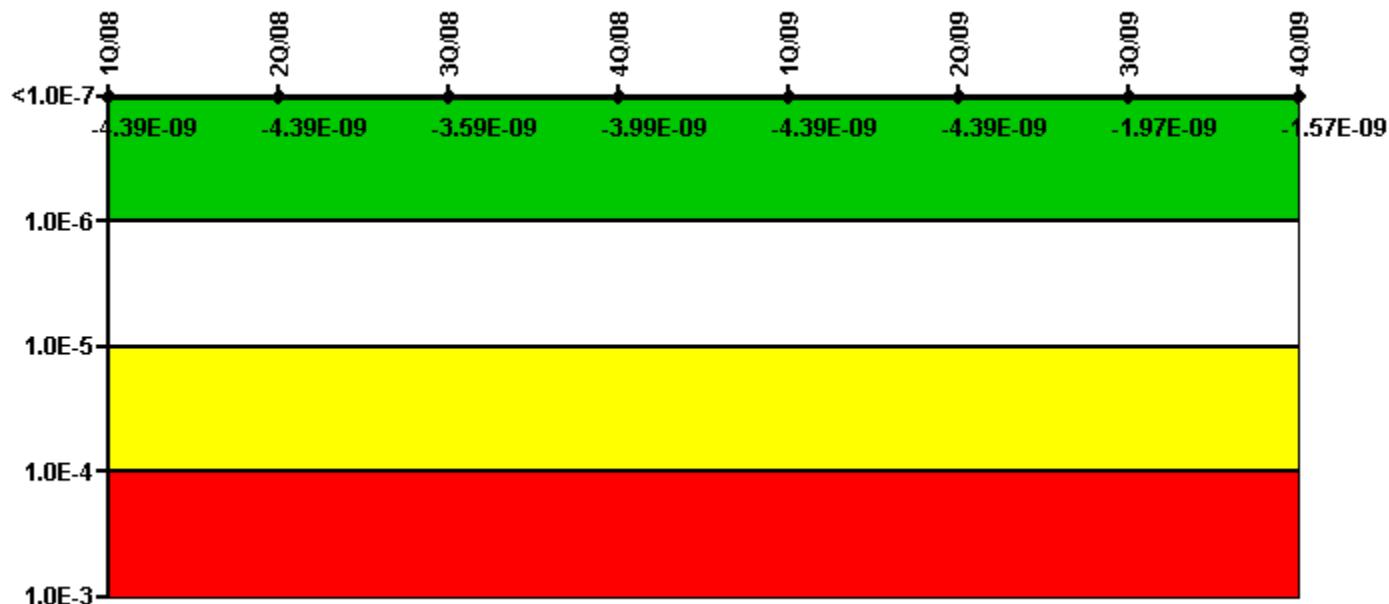
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
UAI (Δ CDF)	-5.20E-08	-4.00E-08						
URI (Δ CDF)	-7.40E-08	2.20E-07	2.20E-07	2.20E-07	2.80E-07	2.80E-07	2.80E-07	2.80E-07
PLE	NO							
Indicator value	-1.26E-07	1.80E-07	1.80E-07	1.80E-07	2.40E-07	2.40E-07	2.40E-07	2.40E-07

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



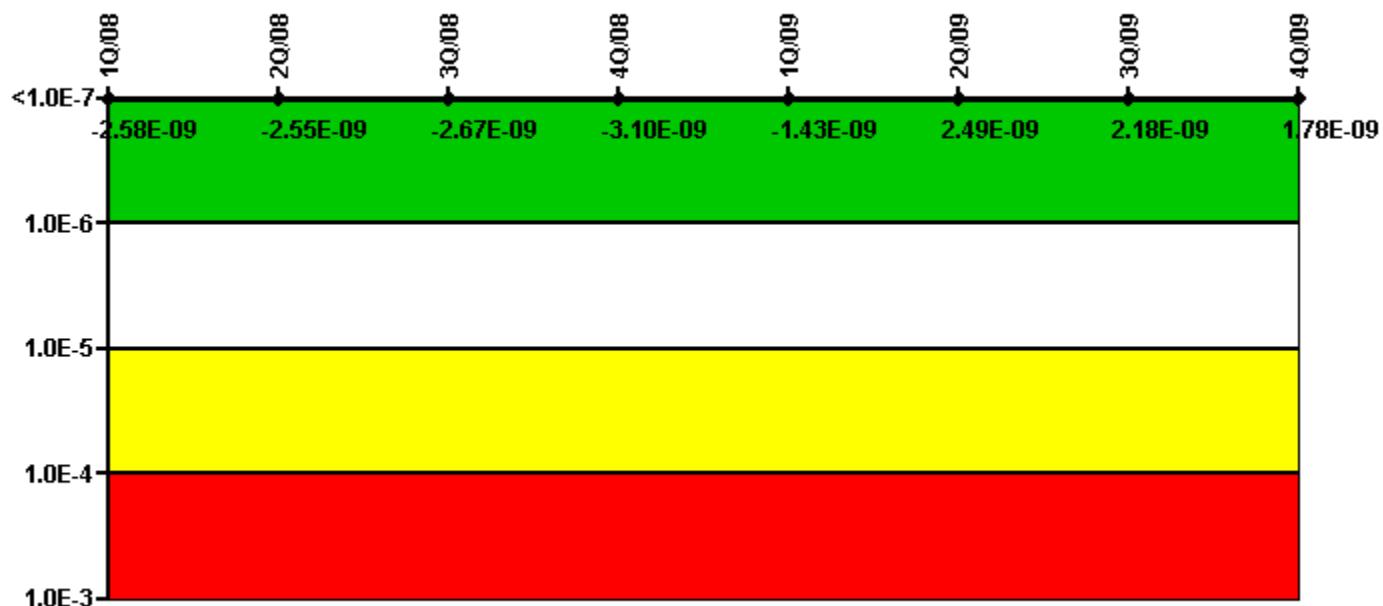
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
UAI (Δ CDF)	-4.30E-09	-4.30E-09	-3.50E-09	-3.90E-09	-4.30E-09	-4.30E-09	-1.90E-09	-1.50E-09
URI (Δ CDF)	-8.80E-11	-8.80E-11	-8.80E-11	-8.80E-11	-8.80E-11	-8.80E-11	-7.10E-11	-7.10E-11
PLE	NO							
Indicator value	-4.39E-09	-4.39E-09	-3.59E-09	-3.99E-09	-4.39E-09	-4.39E-09	-1.97E-09	-1.57E-09

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
UAI (Δ CDF)	-8.80E-10	-7.50E-10	-7.70E-10	-1.20E-09	5.70E-10	8.90E-10	8.80E-10	6.80E-10
URI (Δ CDF)	-1.70E-09	-1.80E-09	-1.90E-09	-1.90E-09	-2.00E-09	1.60E-09	1.30E-09	1.10E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.58E-09	-2.55E-09	-2.67E-09	-3.10E-09	-1.43E-09	2.49E-09	2.18E-09	1.78E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



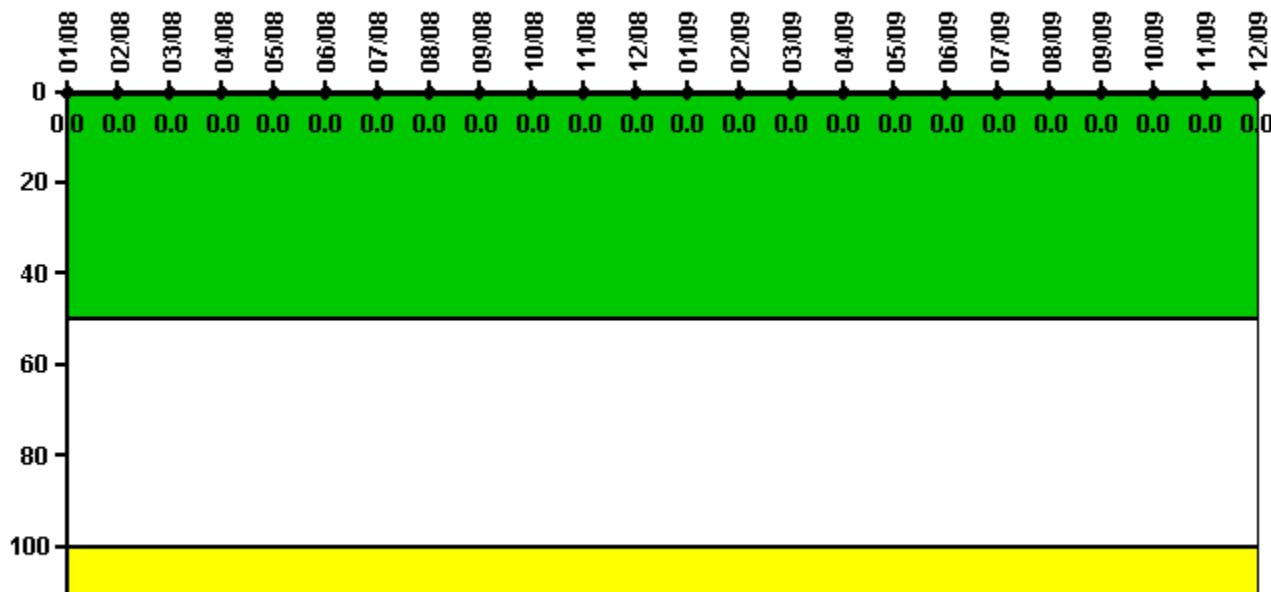
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
UAI (Δ CDF)	1.60E-09	1.60E-09	1.80E-09	2.00E-09	4.00E-09	4.00E-09	4.00E-09	3.90E-09
URI (Δ CDF)	-2.20E-11	-2.40E-11	-2.50E-11	-2.50E-11	-2.60E-11	-2.70E-11	-2.90E-11	-3.00E-11
PLE	NO							
Indicator value	1.58E-09	1.58E-09	1.78E-09	1.98E-09	3.97E-09	3.97E-09	3.97E-09	3.87E-09

Licensee Comments: none

Reactor Coolant System Activity



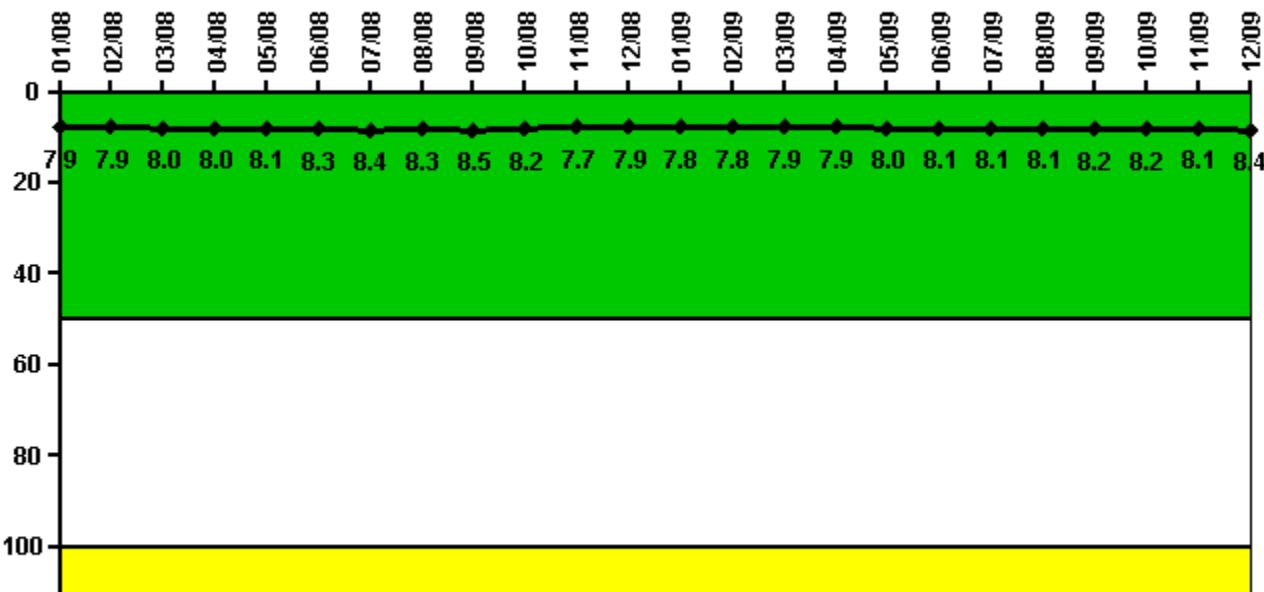
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08	10/08	11/08	12/08
Maximum activity	0.000006	0.000025	0.000003	0.000003	0.000003	0.000002	0.000002	0.000003	0.000002	0.000003	0.000003	0.000003
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	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	0.000002	0.000002	0.000003	0.000003	0.000003	0.000003	0.000003	0.000003	0.000003	0.000003	0.000009	0.000003
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



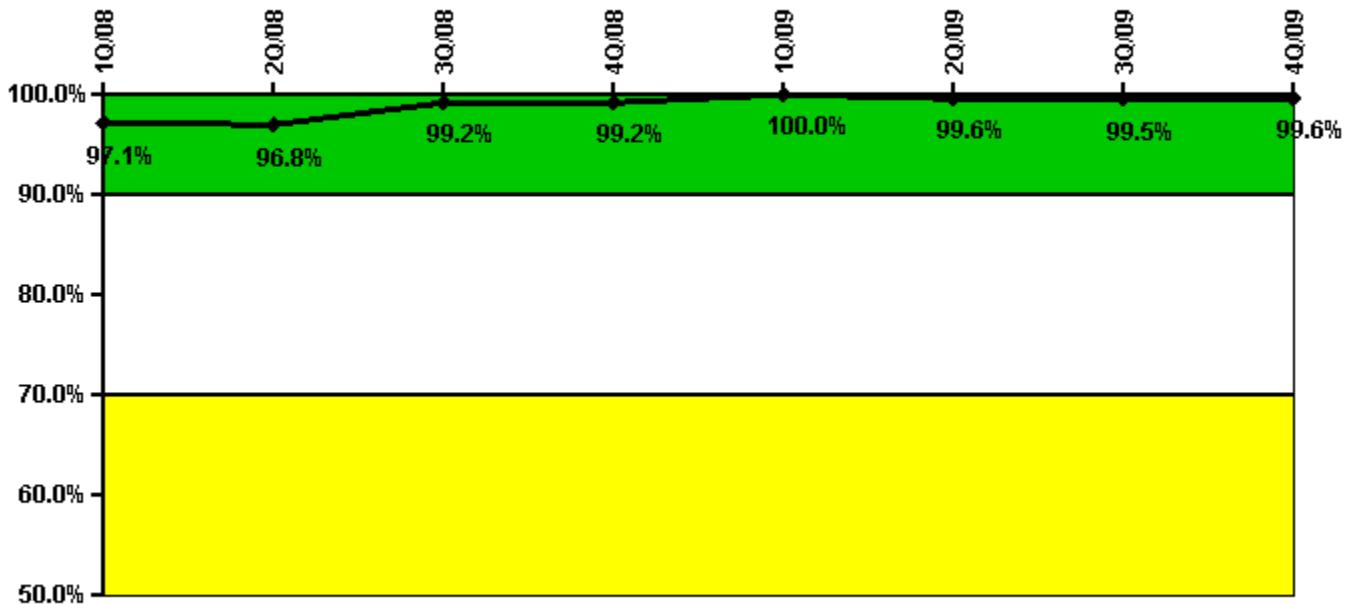
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08	10/08	11/08	12/08
Maximum leakage	1.967	1.983	1.995	1.995	2.030	2.080	2.105	2.083	2.115	2.045	1.928	1.973
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	7.9	7.9	8.0	8.0	8.1	8.3	8.4	8.3	8.5	8.2	7.7	7.9
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	1.942	1.950	1.980	1.975	1.992	2.015	2.017	2.023	2.042	2.040	2.018	2.100
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	7.8	7.8	7.9	7.9	8.0	8.1	8.1	8.1	8.2	8.2	8.1	8.4

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

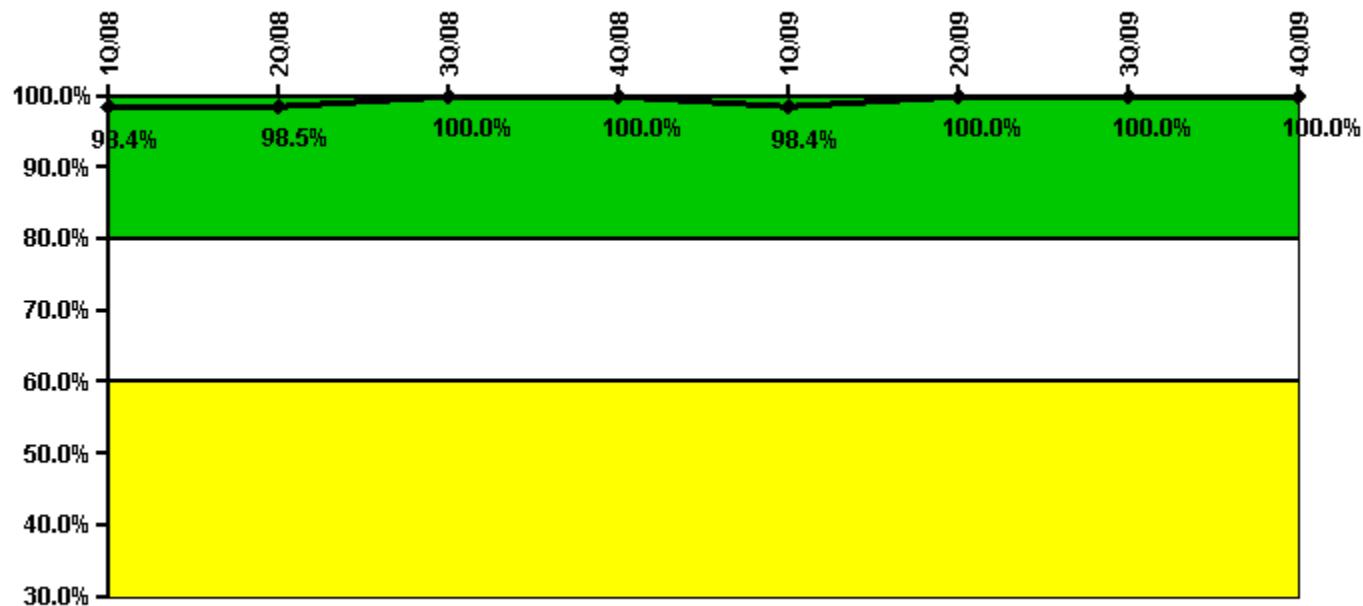
Notes

Drill/Exercise Performance	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Successful opportunities	24.0	16.0	40.0	24.0	46.0	33.0	36.0	34.0
Total opportunities	24.0	16.0	40.0	24.0	46.0	34.0	36.0	34.0
Indicator value	97.1%	96.8%	99.2%	99.2%	100.0%	99.6%	99.5%	99.6%

Licensee Comments:

2Q/09: Numerical corrections made to "Successful drill, exer & event opportunities" and "Total drill, exer & event opportunities" for May 2009.

ERO Drill Participation



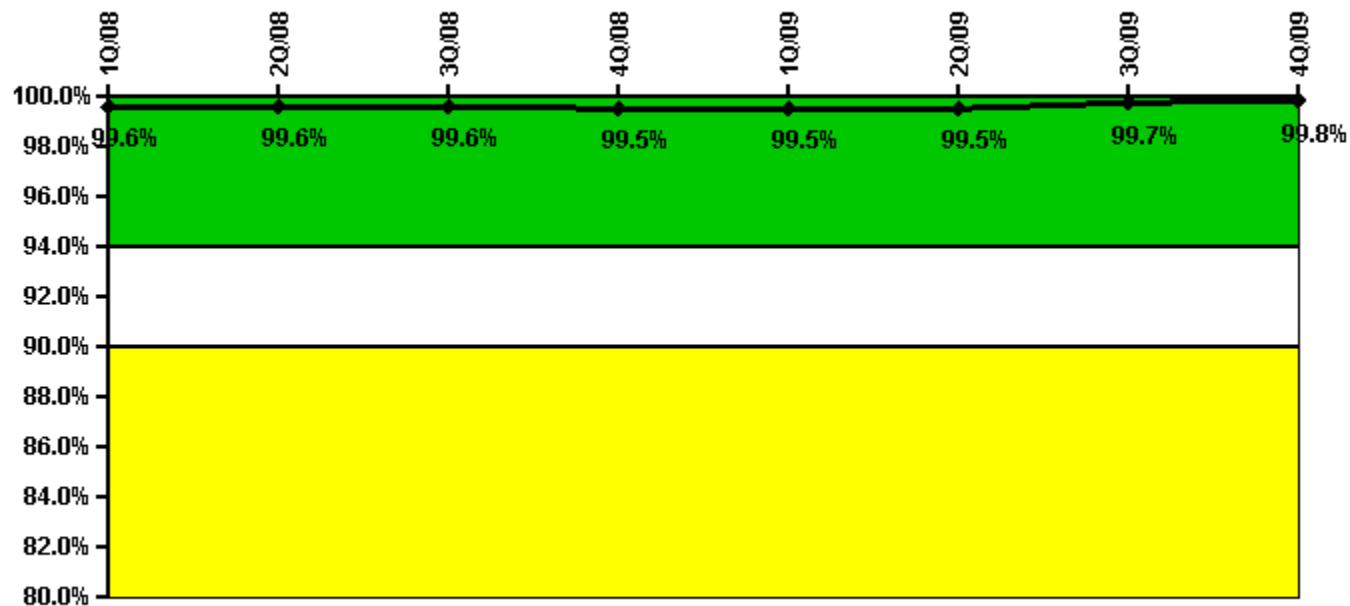
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Participating Key personnel	63.0	67.0	64.0	64.0	63.0	65.0	65.0	71.0
Total Key personnel	64.0	68.0	64.0	64.0	64.0	65.0	65.0	71.0
Indicator value	98.4%	98.5%	100.0%	100.0%	98.4%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



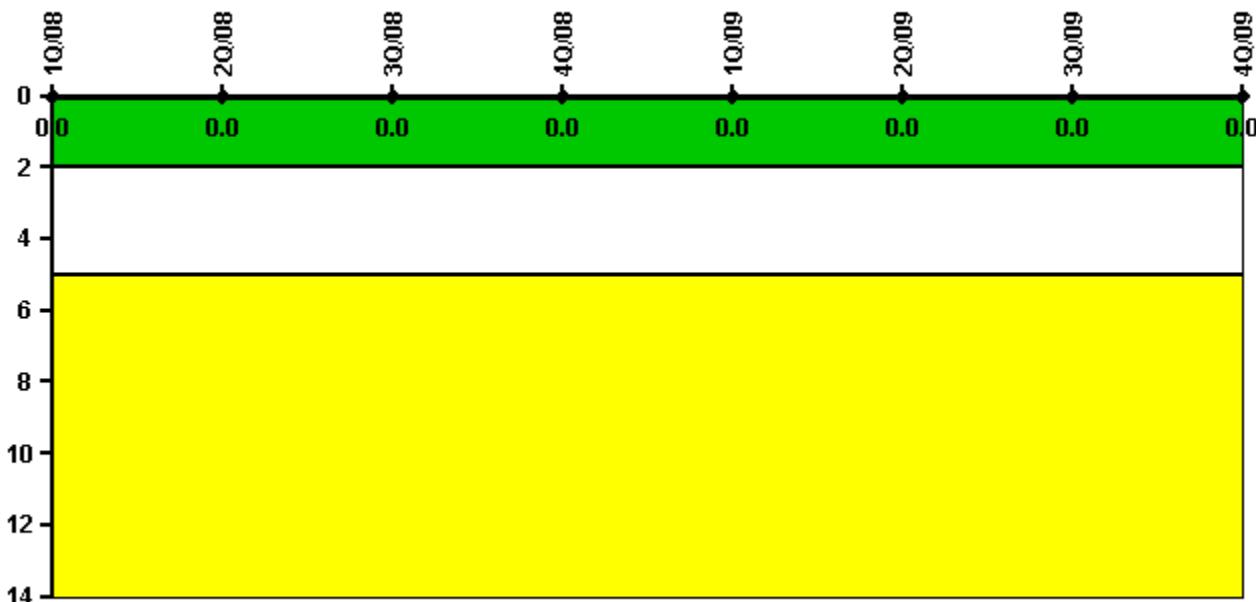
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Successful siren-tests	4970	4972	5037	4963	4900	4978	5064	4983
Total sirens-tests	4992	4992	5070	4992	4914	4992	5070	4992
Indicator value	99.6%	99.6%	99.6%	99.5%	99.5%	99.5%	99.7%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



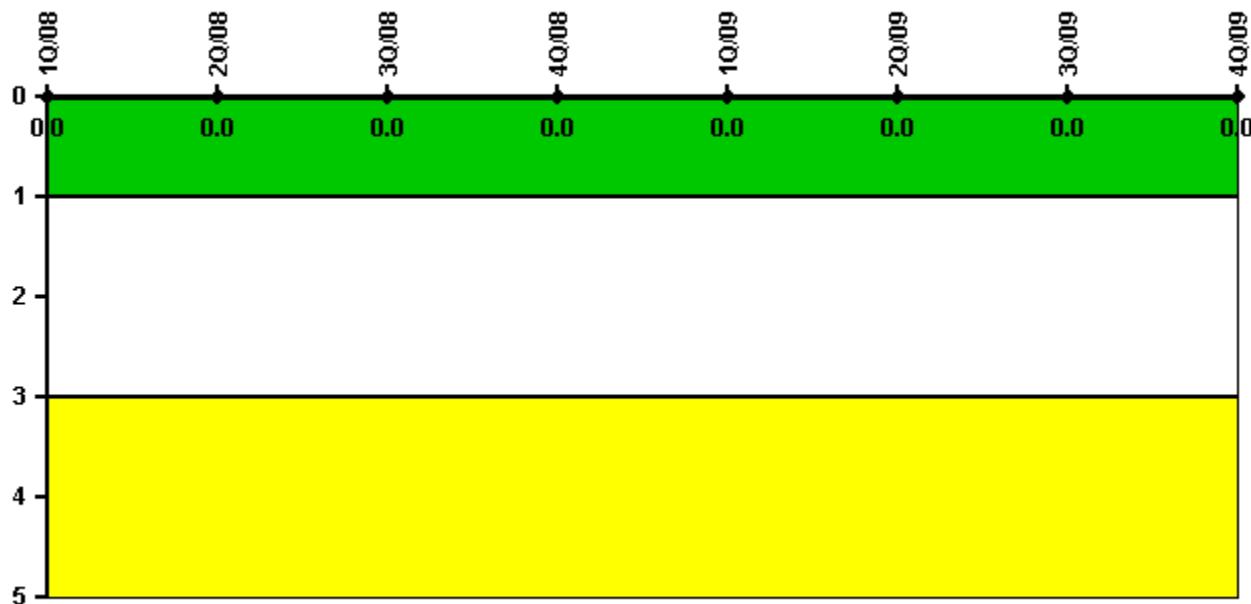
Thresholds: White > 2.0 Yellow > 5.0

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

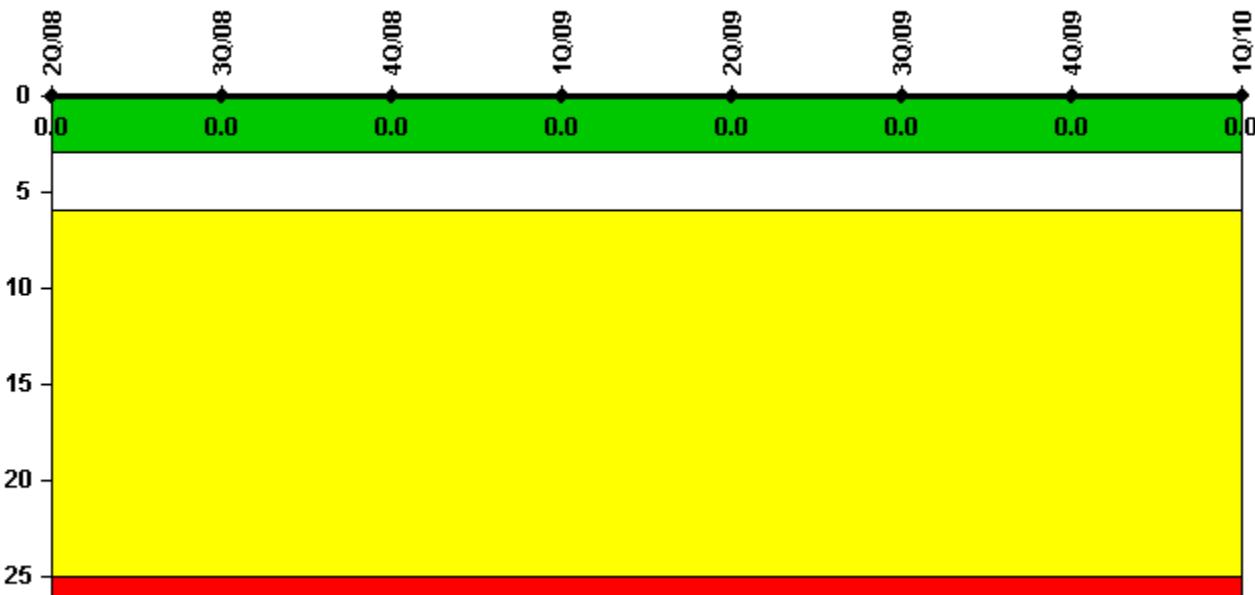
Security information not publicly available.

Dresden 2

1Q/2010 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



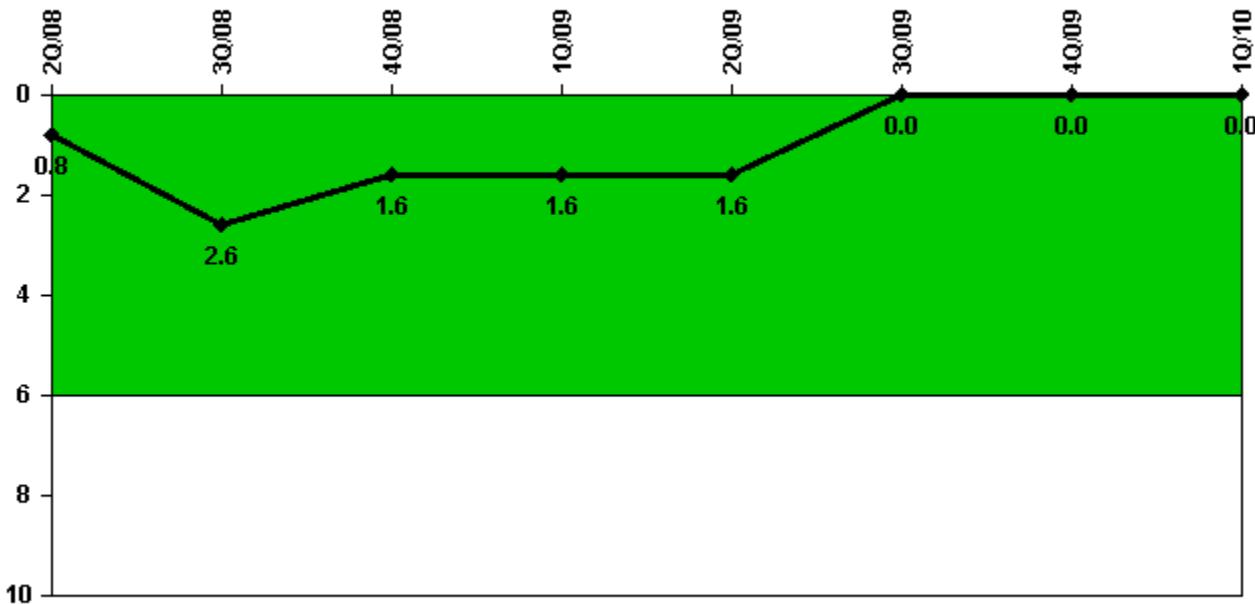
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	2087.4	2209.0	2159.0	2184.0	2208.0	1508.4	2159.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



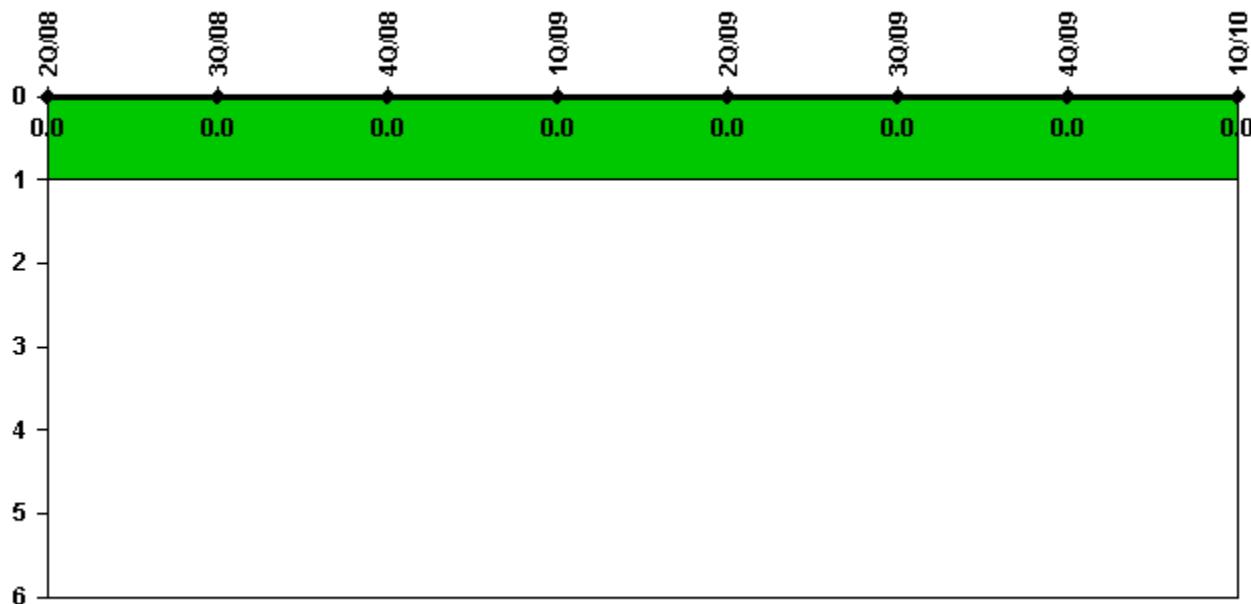
Thresholds: White > 6.0

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	0	0
Critical hours	2184.0	2087.4	2209.0	2159.0	2184.0	2208.0	1508.4	2159.0
Indicator value	0.8	2.6	1.6	1.6	1.6	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



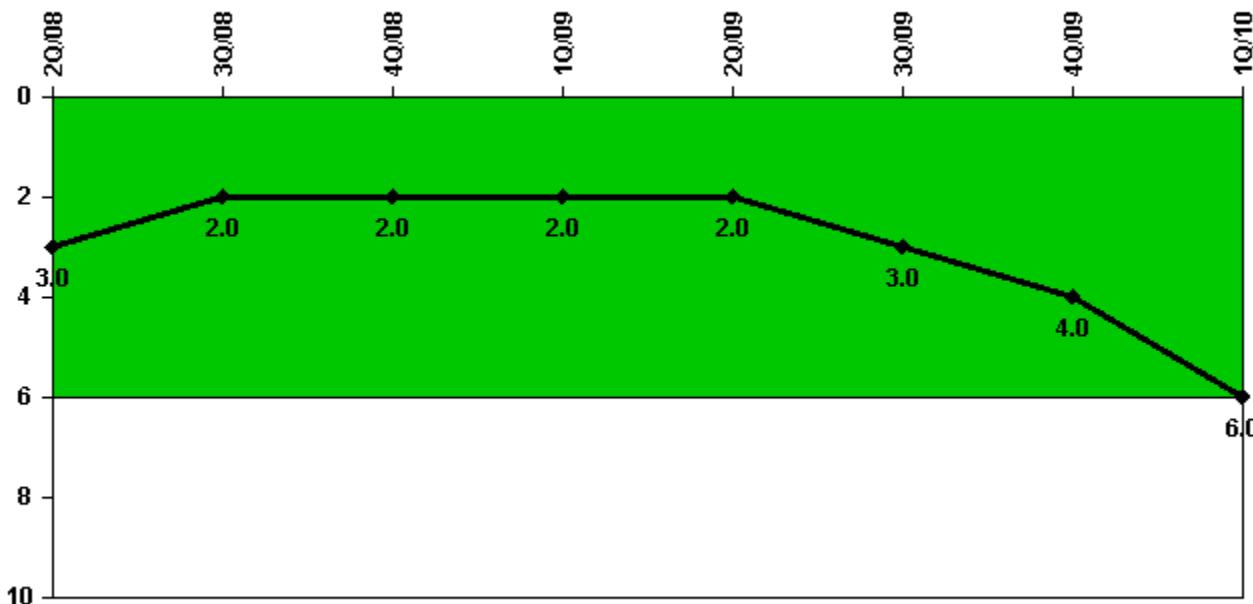
Thresholds: White > 1.0

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 (BWR)



Thresholds: White > 6.0

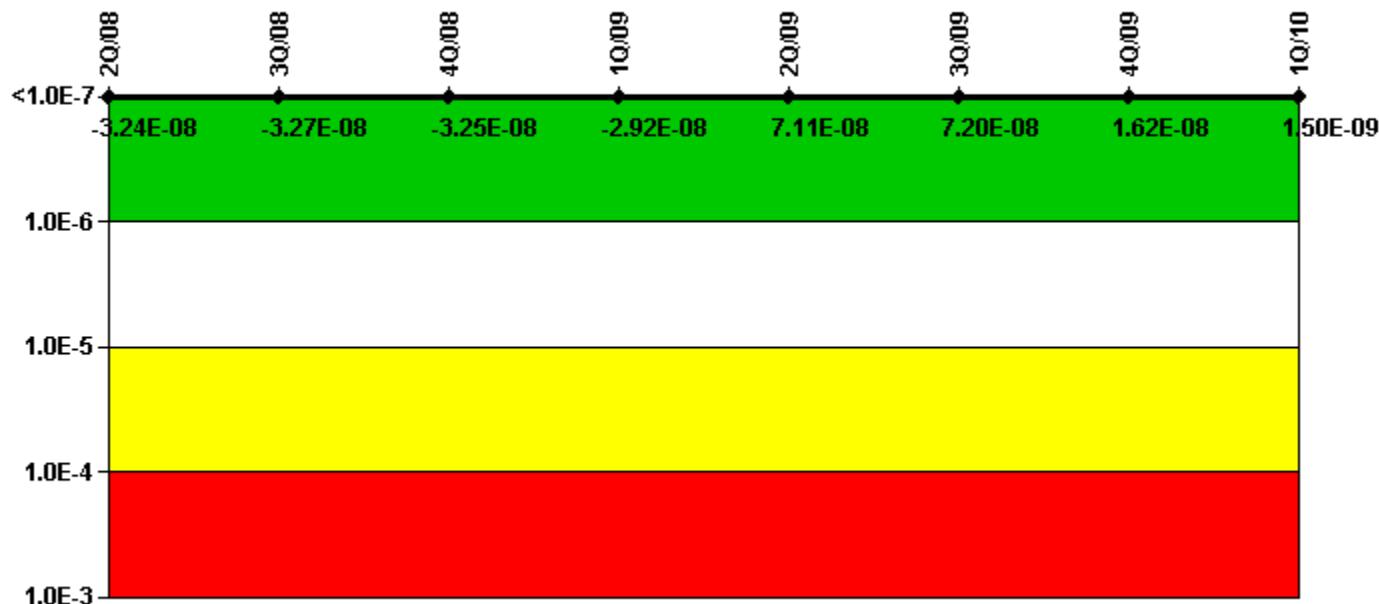
Notes

Safety System Functional Failures (BWR)	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Safety System Functional Failures	2	0	0	0	2	1	1	2
Indicator value	3	2	2	2	2	3	4	6

Licensee Comments:

1Q/10: 1) LER 237/2009-006-00, "Failure of Main Control Room Ventilation Due to Breaker Malfunction," submitted on 1/11/2010. 2) LER 237/2009-007-00, " Reactor Protection System Nonconformance to a Design Standard," submitted on 1/22/2010.

Mitigating Systems Performance Index, Emergency AC Power System



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

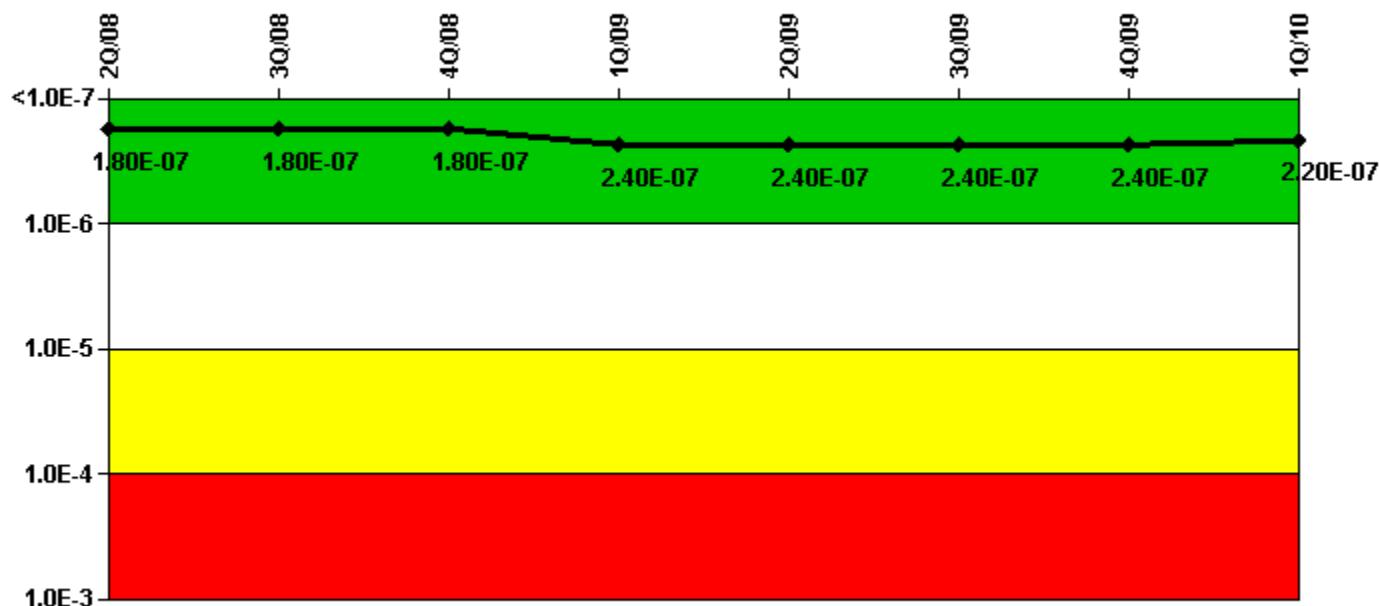
Notes

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)	5.90E-10	3.50E-10	5.20E-10	5.80E-09	8.10E-09	9.00E-09	1.40E-08	8.87E-10
URI (Δ CDF)	-3.30E-08	-3.30E-08	-3.30E-08	-3.50E-08	6.30E-08	6.30E-08	2.20E-09	5.99E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.24E-08	-3.27E-08	-3.25E-08	-2.92E-08	7.11E-08	7.20E-08	1.62E-08	1.50E-09

Licensee Comments:

1Q/10: 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

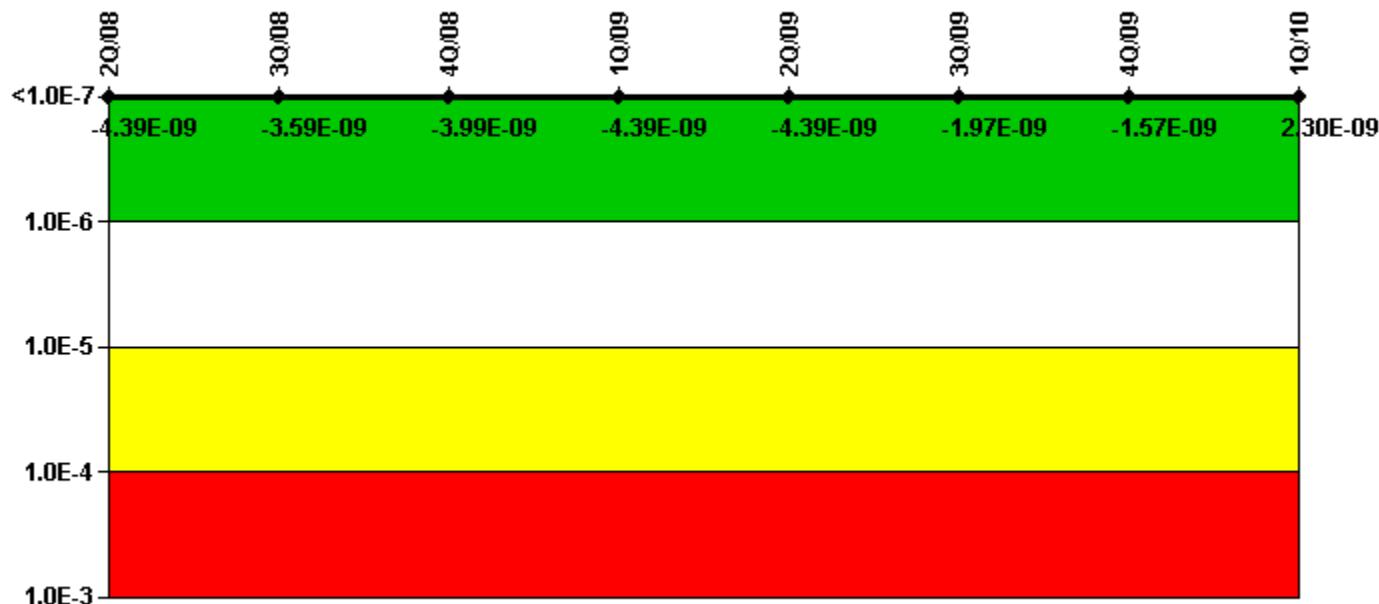
Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (Δ CDF)	-4.00E-08	-3.63E-08						
URI (Δ CDF)	2.20E-07	2.20E-07	2.20E-07	2.80E-07	2.80E-07	2.80E-07	2.80E-07	2.54E-07
PLE	NO							
Indicator value	1.80E-07	1.80E-07	1.80E-07	2.40E-07	2.40E-07	2.40E-07	2.40E-07	2.20E-07

Licensee Comments:

1Q/10: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



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

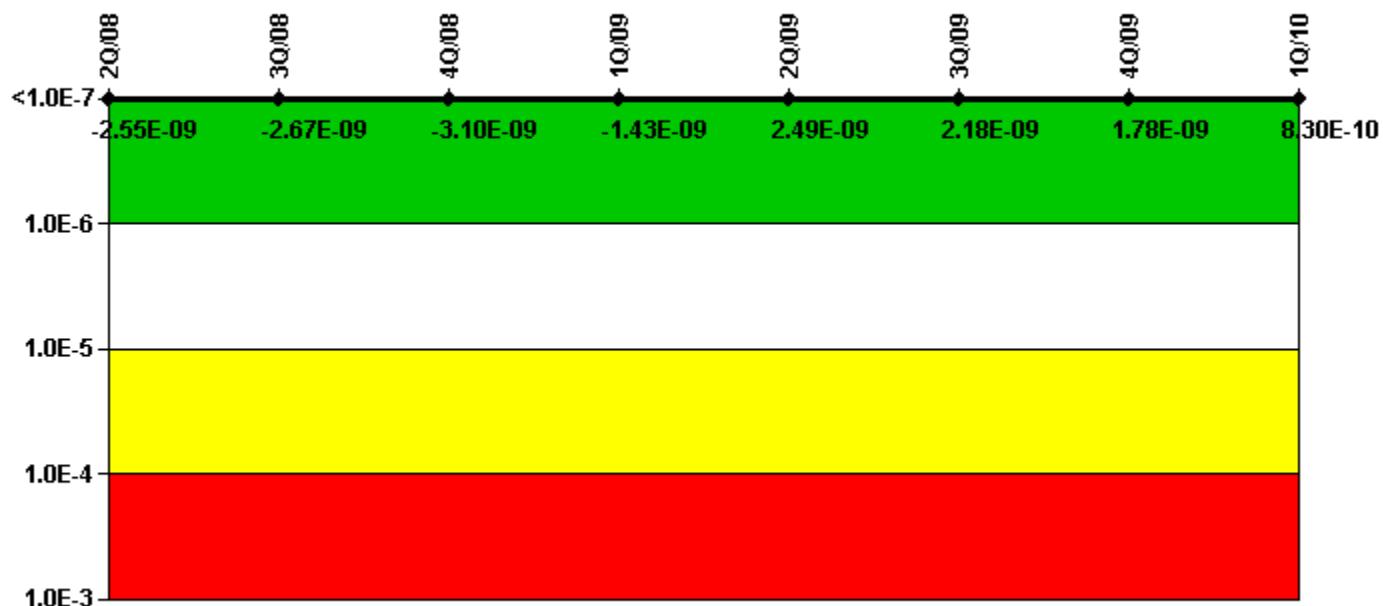
Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (Δ CDF)	-4.30E-09	-3.50E-09	-3.90E-09	-4.30E-09	-4.30E-09	-1.90E-09	-1.50E-09	2.40E-09
URI (Δ CDF)	-8.80E-11	-8.80E-11	-8.80E-11	-8.80E-11	-8.80E-11	-7.10E-11	-7.10E-11	-1.18E-10
PLE	NO	NO						
Indicator value	-4.39E-09	-3.59E-09	-3.99E-09	-4.39E-09	-4.39E-09	-1.97E-09	-1.57E-09	2.30E-09

Licensee Comments:

1Q/10: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System



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

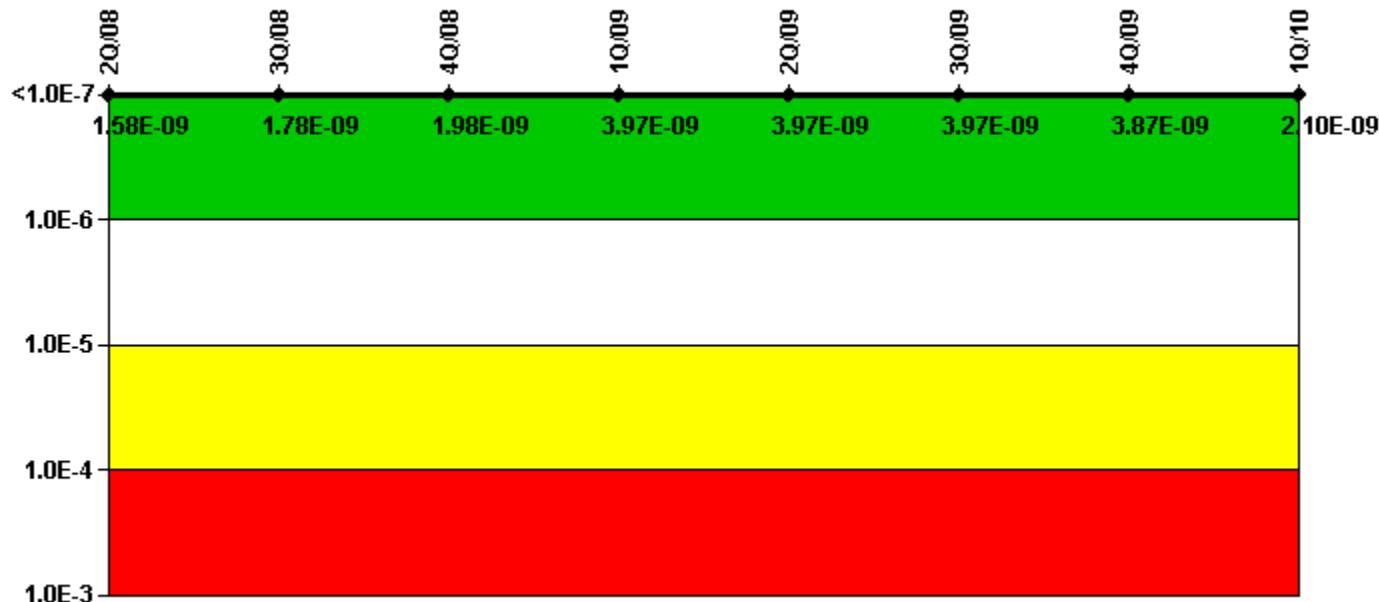
Notes

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)	-7.50E-10	-7.70E-10	-1.20E-09	5.70E-10	8.90E-10	8.80E-10	6.80E-10	-3.39E-10
URI (Δ CDF)	-1.80E-09	-1.90E-09	-1.90E-09	-2.00E-09	1.60E-09	1.30E-09	1.10E-09	1.17E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.55E-09	-2.67E-09	-3.10E-09	-1.43E-09	2.49E-09	2.18E-09	1.78E-09	8.30E-10

Licensee Comments:

1Q/10: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



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

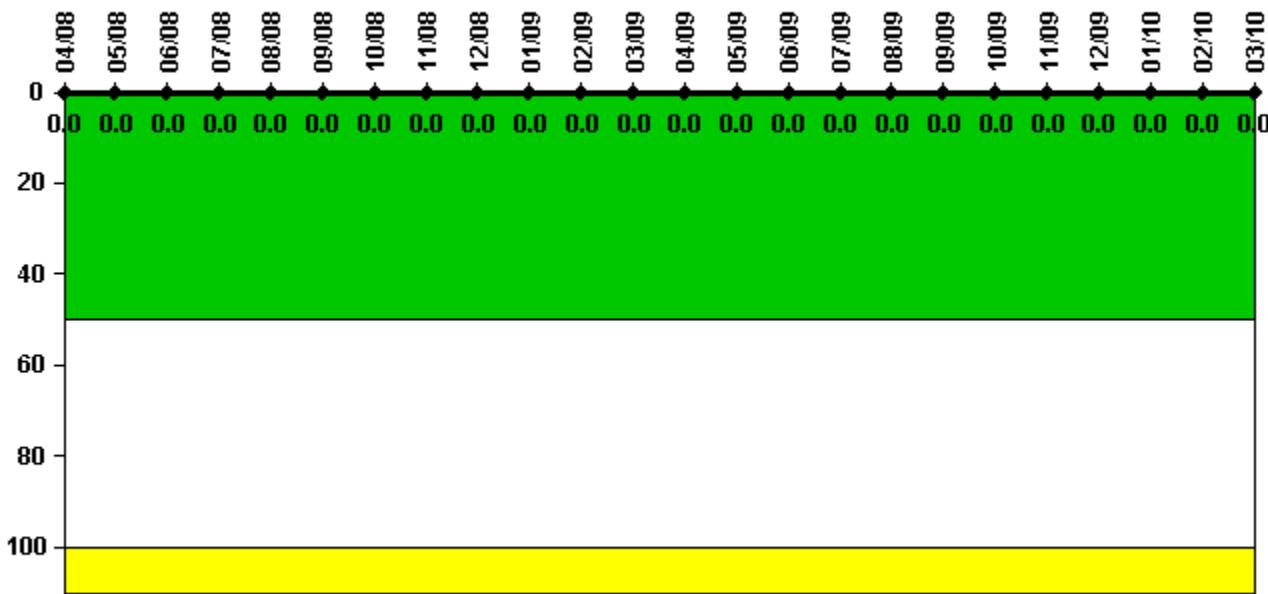
Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (Δ CDF)	1.60E-09	1.80E-09	2.00E-09	4.00E-09	4.00E-09	4.00E-09	3.90E-09	2.09E-09
URI (Δ CDF)	-2.40E-11	-2.50E-11	-2.50E-11	-2.60E-11	-2.70E-11	-2.90E-11	-3.00E-11	-1.56E-11
PLE	NO							
Indicator value	1.58E-09	1.78E-09	1.98E-09	3.97E-09	3.97E-09	3.97E-09	3.87E-09	2.10E-09

Licensee Comments:

1Q/10: Changed PRA Parameter(s).

Reactor Coolant System Activity



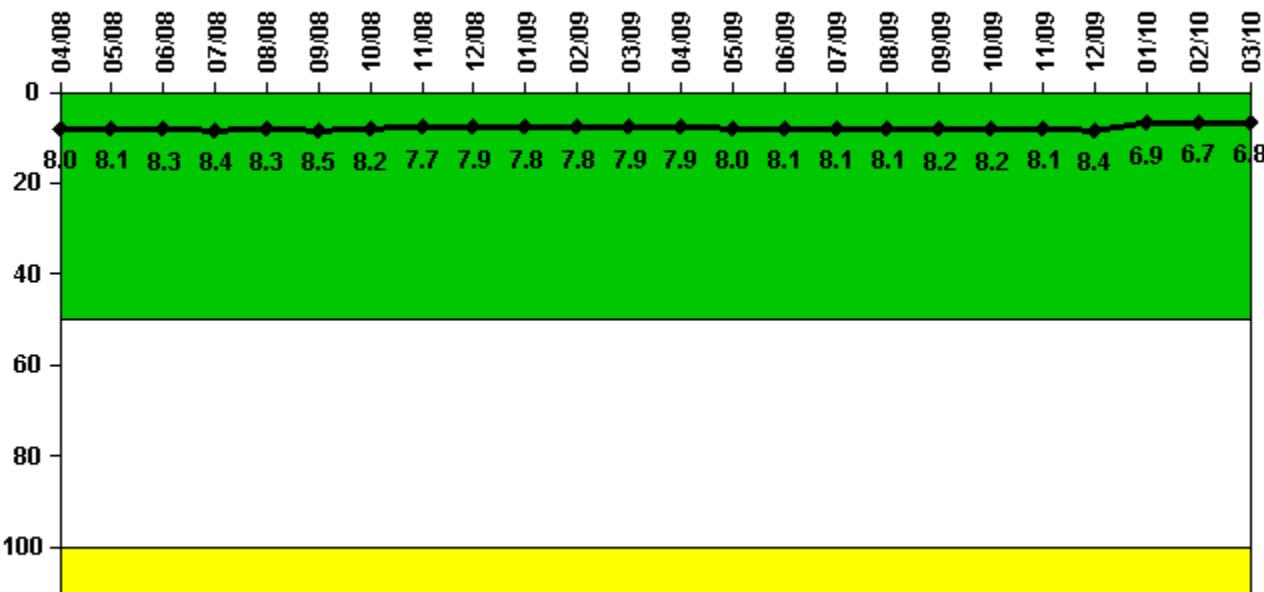
Thresholds: White > 50.0 Yellow > 100.0

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	0.000003	0.000003	0.000002	0.000002	0.000003	0.000002	0.000003	0.000003	0.000003	0.000002	0.000002	0.000003
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	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	0.000003	0.000003	0.000003	0.000003	0.000003	0.000003	0.000003	0.000009	0.000003	0.000003	0.000002	0.000003
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



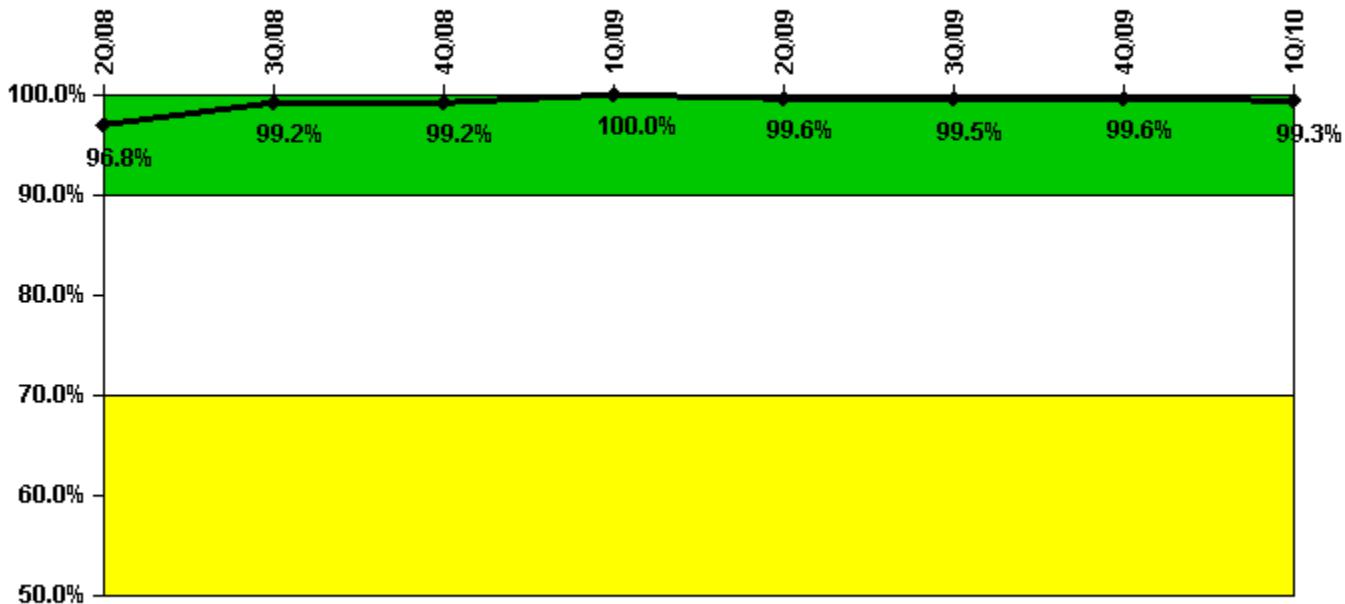
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/08	5/08	6/08	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09
Maximum leakage	1.995	2.030	2.080	2.105	2.083	2.115	2.045	1.928	1.973	1.942	1.950	1.980
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	8.0	8.1	8.3	8.4	8.3	8.5	8.2	7.7	7.9	7.8	7.8	7.9
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	1.975	1.992	2.015	2.017	2.023	2.042	2.040	2.018	2.100	1.718	1.685	1.707
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	7.9	8.0	8.1	8.1	8.1	8.2	8.2	8.1	8.4	6.9	6.7	6.8

Licensee Comments: none

Drill/Exercise Performance



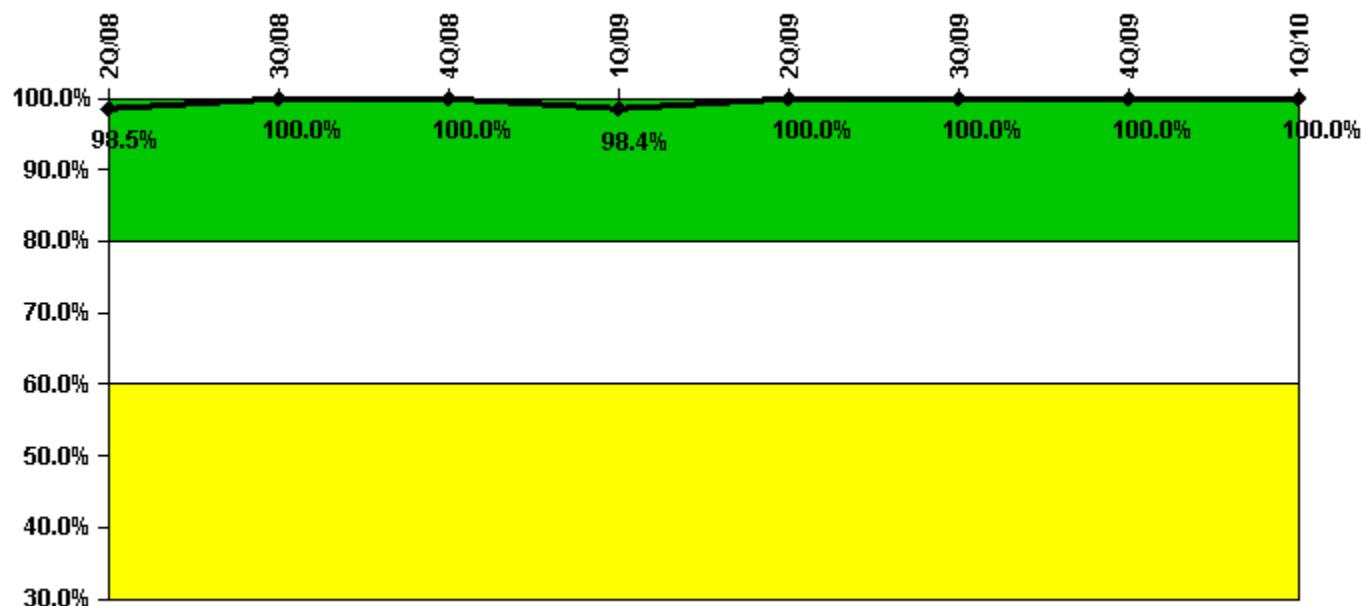
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Successful opportunities	16.0	40.0	24.0	46.0	33.0	36.0	34.0	41.0
Total opportunities	16.0	40.0	24.0	46.0	34.0	36.0	34.0	42.0
Indicator value	96.8%	99.2%	99.2%	100.0%	99.6%	99.5%	99.6%	99.3%

Licensee Comments: none

ERO Drill Participation



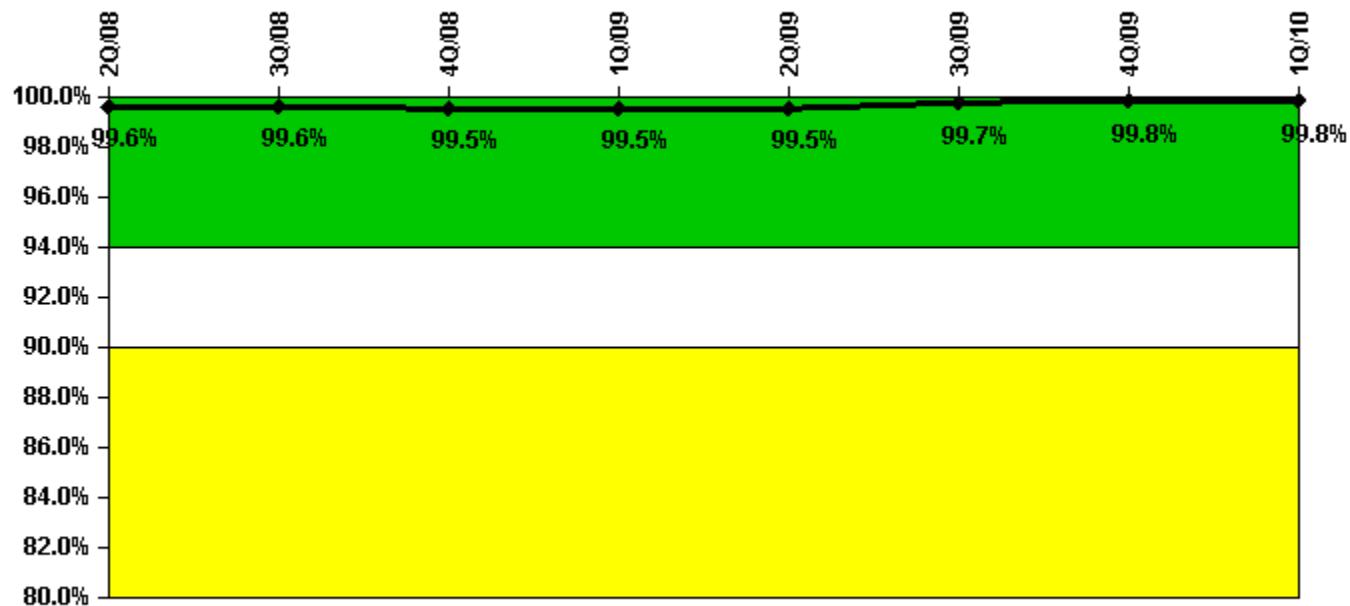
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Participating Key personnel	67.0	64.0	64.0	63.0	65.0	65.0	71.0	72.0
Total Key personnel	68.0	64.0	64.0	64.0	65.0	65.0	71.0	72.0
Indicator value	98.5%	100.0%	100.0%	98.4%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



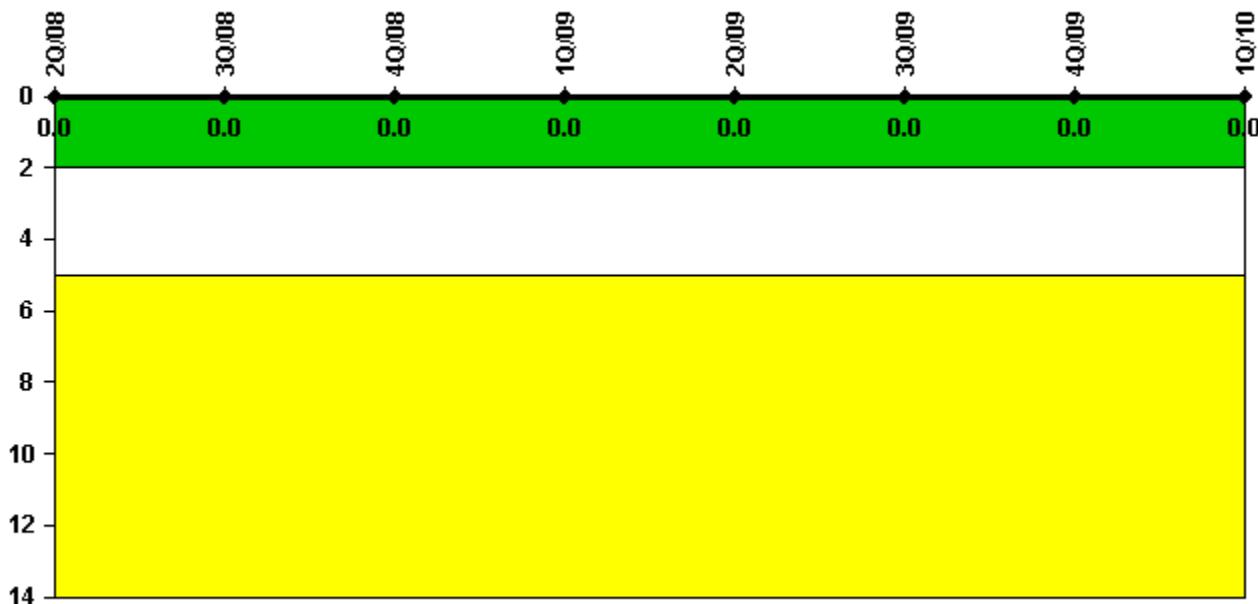
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Successful siren-tests	4972	5037	4963	4900	4978	5064	4983	2893
Total sirens-tests	4992	5070	4992	4914	4992	5070	4992	2898
Indicator value	99.6%	99.6%	99.5%	99.5%	99.5%	99.7%	99.8%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



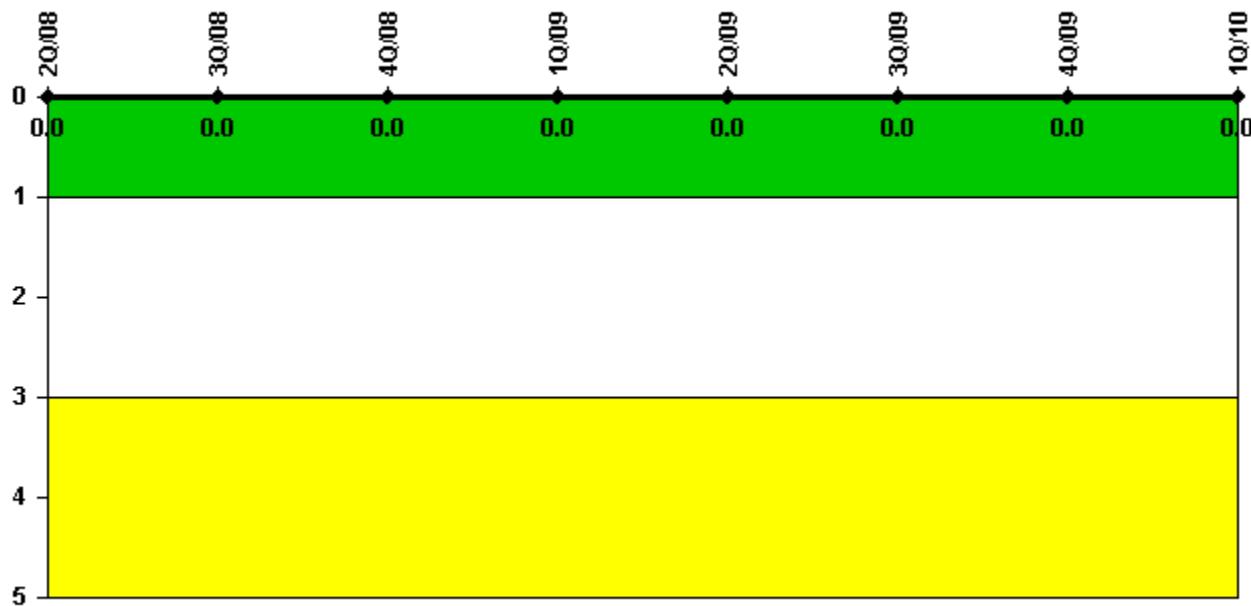
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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.



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

Last Modified: April 26, 2010

Dresden 2

2Q/2010 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



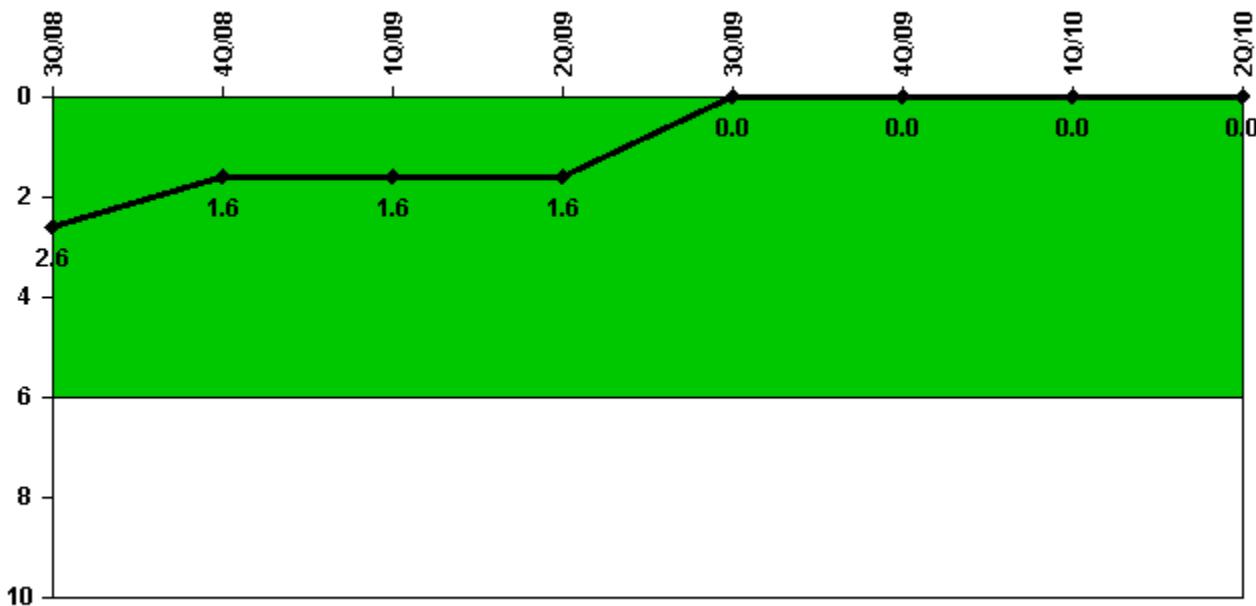
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	0
Critical hours	2087.4	2209.0	2159.0	2184.0	2208.0	1508.4	2159.0	2184.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



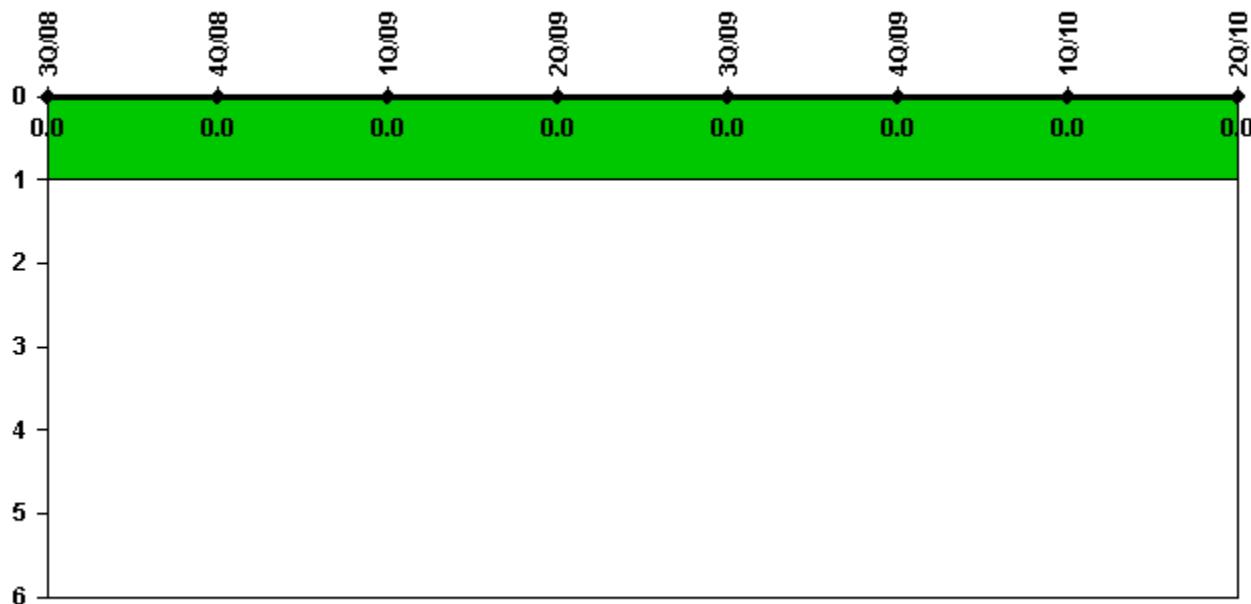
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Unplanned power changes	2.0	0	0	0	0	0	0	0
Critical hours	2087.4	2209.0	2159.0	2184.0	2208.0	1508.4	2159.0	2184.0
Indicator value	2.6	1.6	1.6	1.6	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



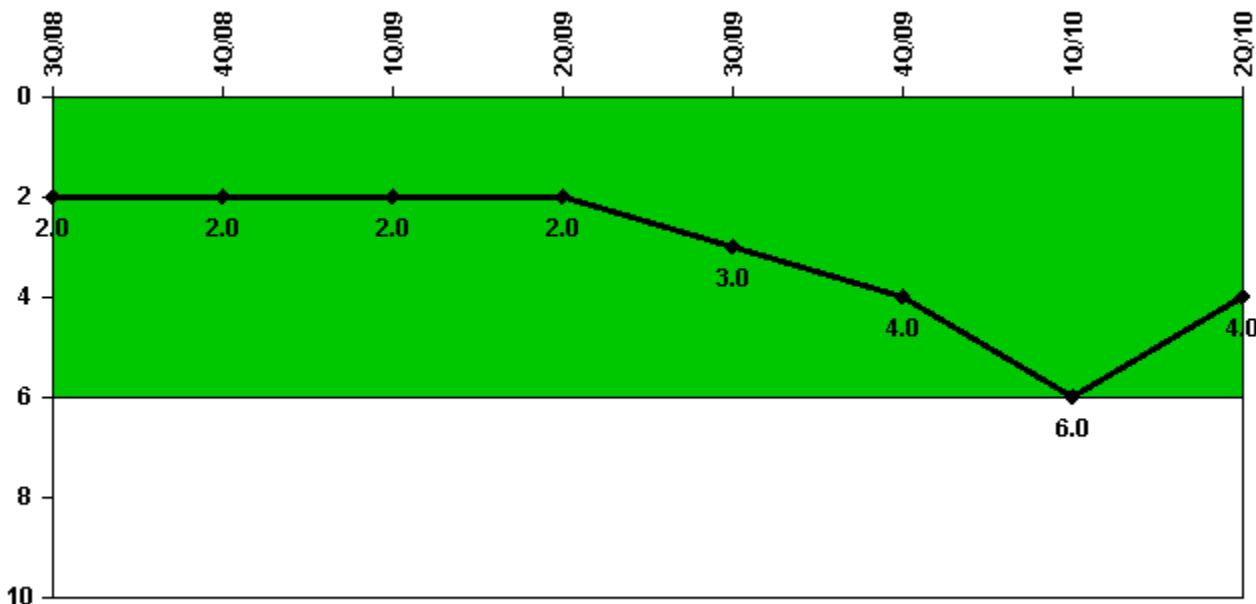
Thresholds: White > 1.0

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 (BWR)



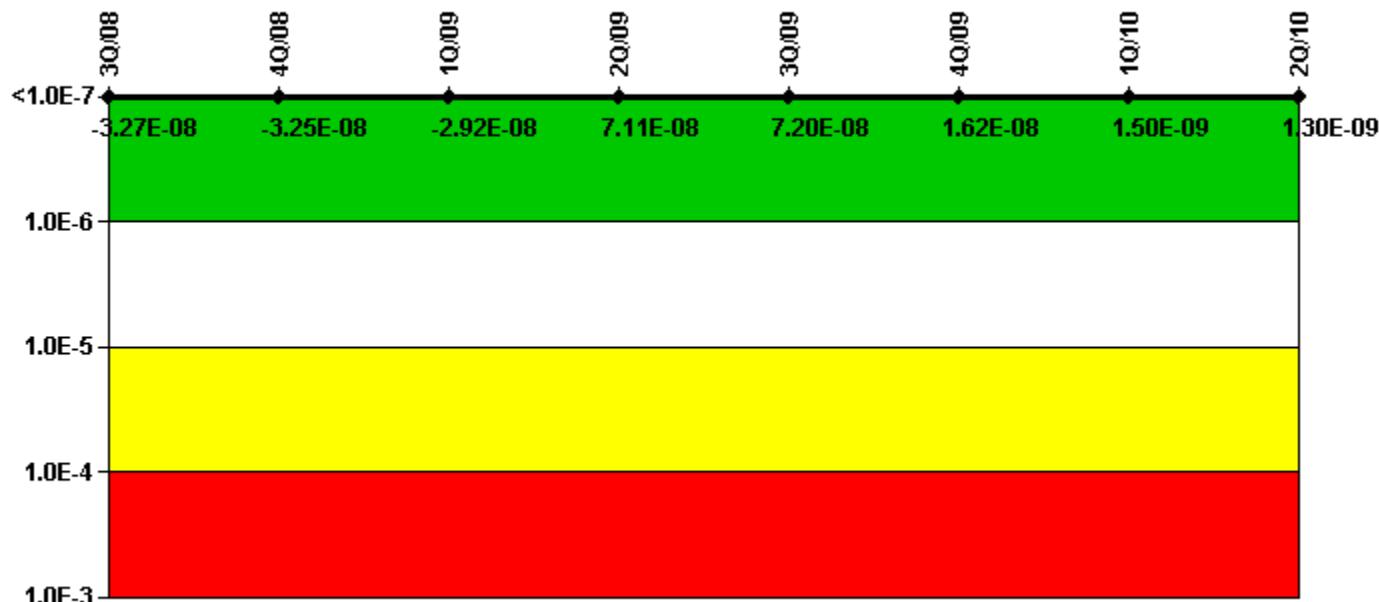
Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Safety System Functional Failures	0	0	0	2	1	1	2	0
Indicator value	2	2	2	2	3	4	6	4

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



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

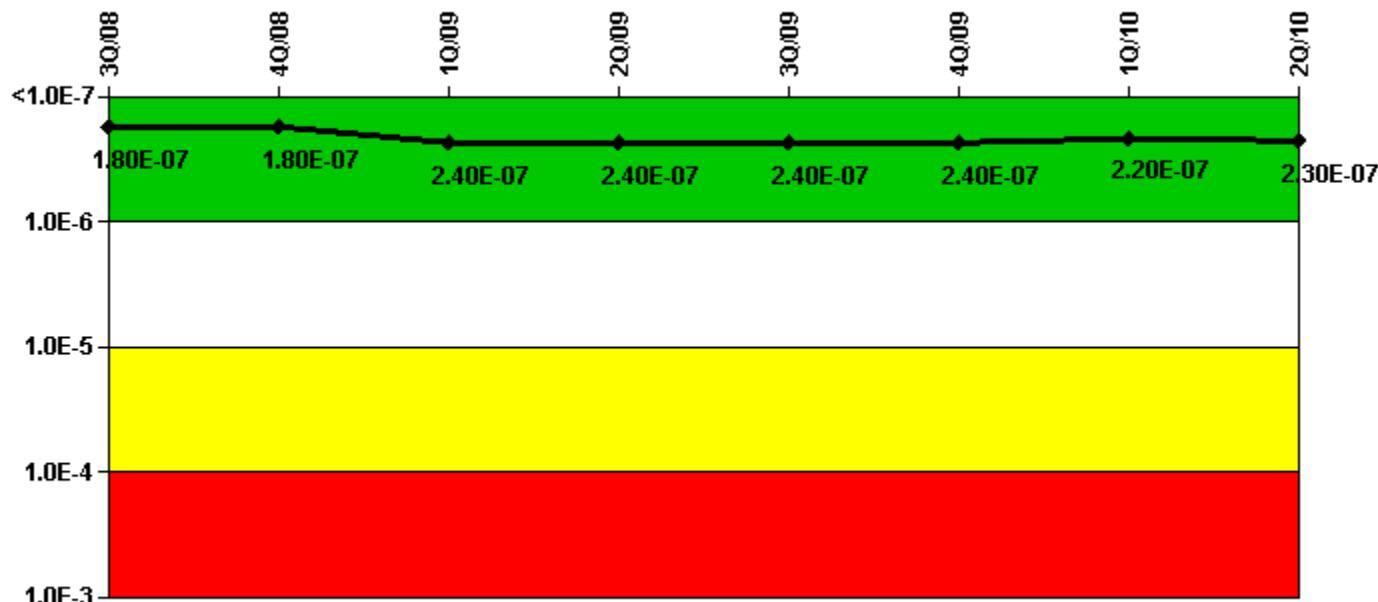
Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (Δ CDF)	3.50E-10	5.20E-10	5.80E-09	8.10E-09	9.00E-09	1.40E-08	8.87E-10	4.83E-10
URI (Δ CDF)	-3.30E-08	-3.30E-08	-3.50E-08	6.30E-08	6.30E-08	2.20E-09	5.99E-10	7.94E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.27E-08	-3.25E-08	-2.92E-08	7.11E-08	7.20E-08	1.62E-08	1.50E-09	1.30E-09

Licensee Comments:

1Q/10: A scheduled periodic update of the PRA models was performed in 2009 and completed on October 30, 2009. Separate PRA models exist for Unit 2 and 3, but the base PRA results for Units 2 and 3 are nearly identical. Therefore, the current MSPI calculations for Unit 2 are applied to Unit 3. CDE changes effective for the first quarter of 2010 were made to incorporate updated PRA coefficients and PRA Base Core Damage Frequency.

Mitigating Systems Performance Index, High Pressure Injection System



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

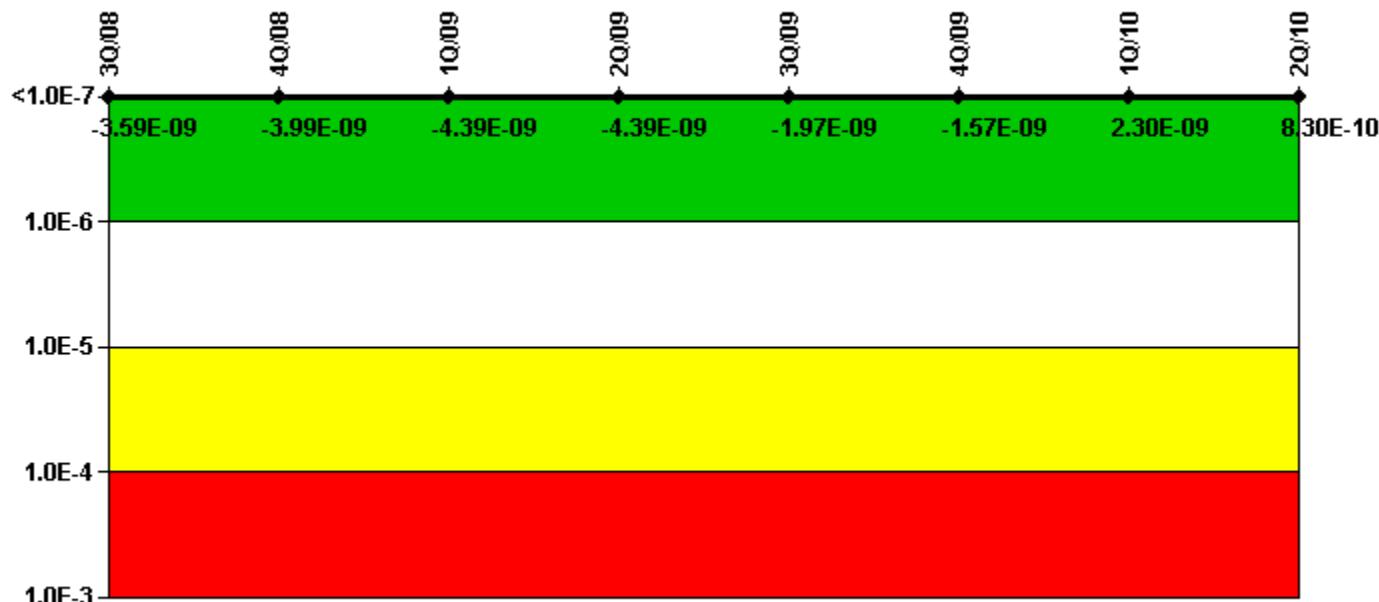
Notes

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)	-4.00E-08	-4.00E-08	-4.00E-08	-4.00E-08	-4.00E-08	-4.00E-08	-3.63E-08	-3.63E-08
URI (Δ CDF)	2.20E-07	2.20E-07	2.80E-07	2.80E-07	2.80E-07	2.80E-07	2.54E-07	2.61E-07
PLE	NO							
Indicator value	1.80E-07	1.80E-07	2.40E-07	2.40E-07	2.40E-07	2.40E-07	2.20E-07	2.30E-07

Licensee Comments:

1Q/10: A scheduled periodic update of the PRA models was performed in 2009 and completed on October 30, 2009. Separate PRA models exist for Unit 2 and 3, but the base PRA results for Units 2 and 3 are nearly identical. Therefore, the current MSPI calculations for Unit 2 are applied to Unit 3. CDE changes effective for the first quarter of 2010 were made to incorporate updated PRA coefficients and PRA Base Core Damage Frequency.

Mitigating Systems Performance Index, Heat Removal System



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

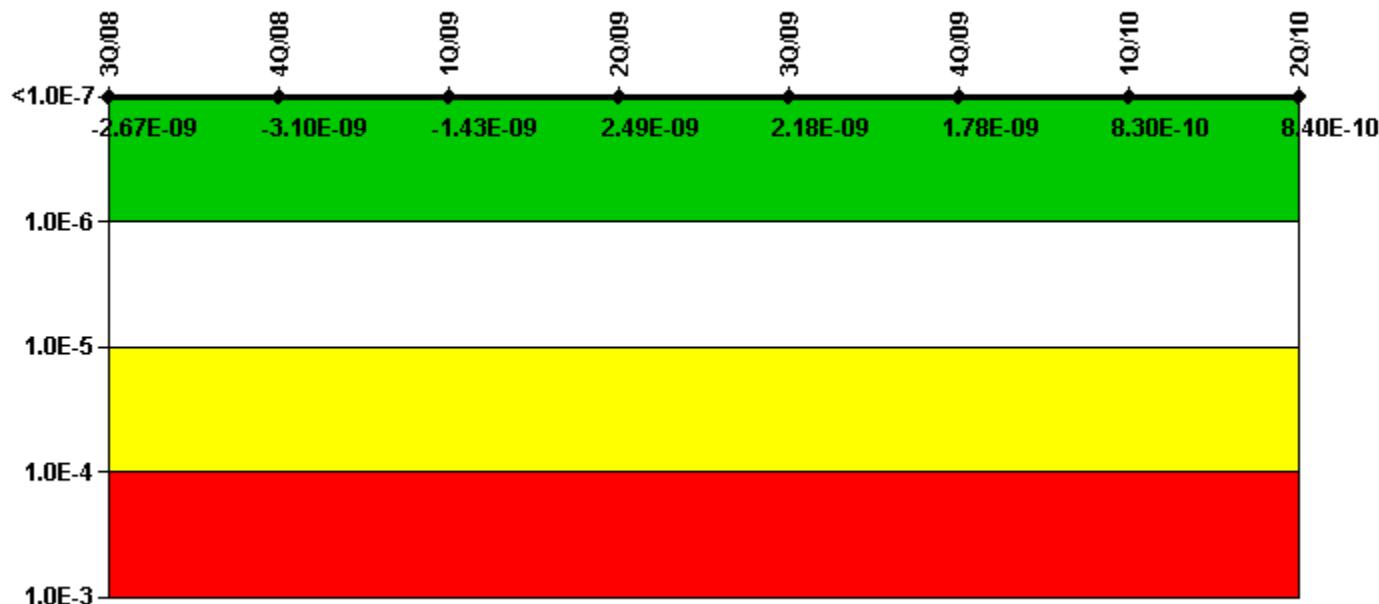
Notes

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)	-3.50E-09	-3.90E-09	-4.30E-09	-4.30E-09	-1.90E-09	-1.50E-09	2.40E-09	9.29E-10
URI (Δ CDF)	-8.80E-11	-8.80E-11	-8.80E-11	-8.80E-11	-7.10E-11	-7.10E-11	-1.18E-10	-9.92E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.59E-09	-3.99E-09	-4.39E-09	-4.39E-09	-1.97E-09	-1.57E-09	2.30E-09	8.30E-10

Licensee Comments:

1Q/10: A scheduled periodic update of the PRA models was performed in 2009 and completed on October 30, 2009. Separate PRA models exist for Unit 2 and 3, but the base PRA results for Units 2 and 3 are nearly identical. Therefore, the current MSPI calculations for Unit 2 are applied to Unit 3. CDE changes effective for the first quarter of 2010 were made to incorporate updated PRA coefficients and PRA Base Core Damage Frequency.

Mitigating Systems Performance Index, Residual Heat Removal System



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

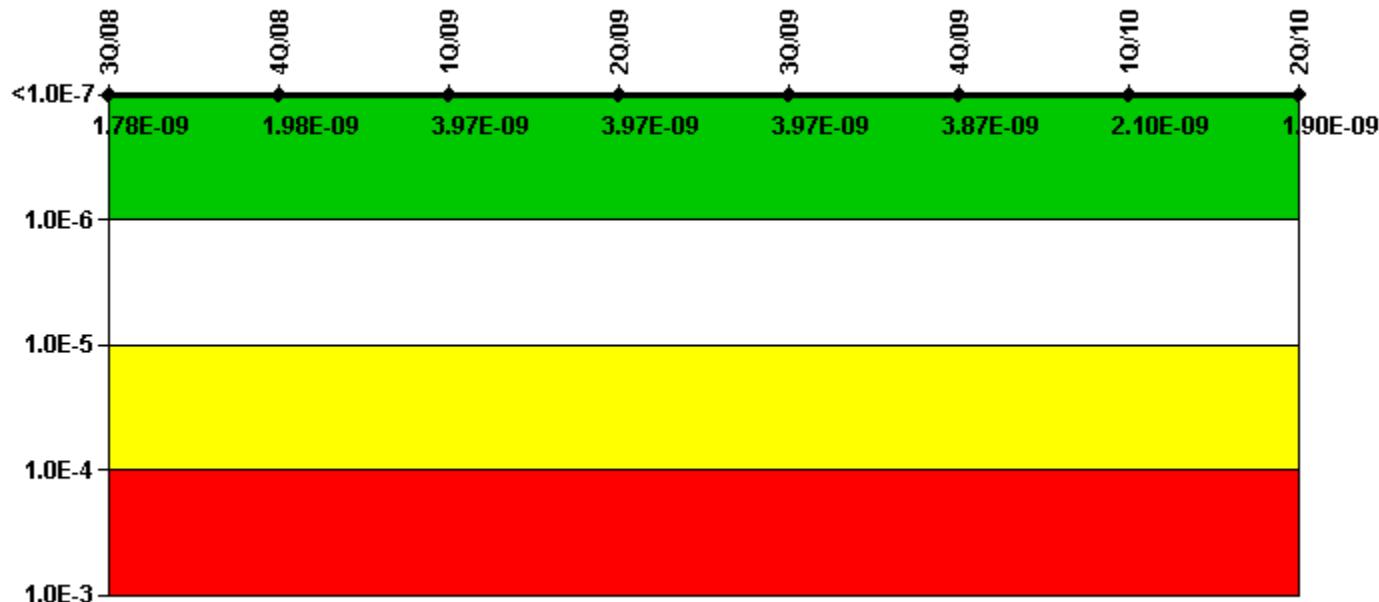
Notes

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)	-7.70E-10	-1.20E-09	5.70E-10	8.90E-10	8.80E-10	6.80E-10	-3.39E-10	-3.39E-10
URI (Δ CDF)	-1.90E-09	-1.90E-09	-2.00E-09	1.60E-09	1.30E-09	1.10E-09	1.17E-09	1.18E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.67E-09	-3.10E-09	-1.43E-09	2.49E-09	2.18E-09	1.78E-09	8.30E-10	8.40E-10

Licensee Comments:

1Q/10: A scheduled periodic update of the PRA models was performed in 2009 and completed on October 30, 2009. Separate PRA models exist for Unit 2 and 3, but the base PRA results for Units 2 and 3 are nearly identical. Therefore, the current MSPI calculations for Unit 2 are applied to Unit 3. CDE changes effective for the first quarter of 2010 were made to incorporate updated PRA coefficients and PRA Base Core Damage Frequency.

Mitigating Systems Performance Index, Cooling Water Systems



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

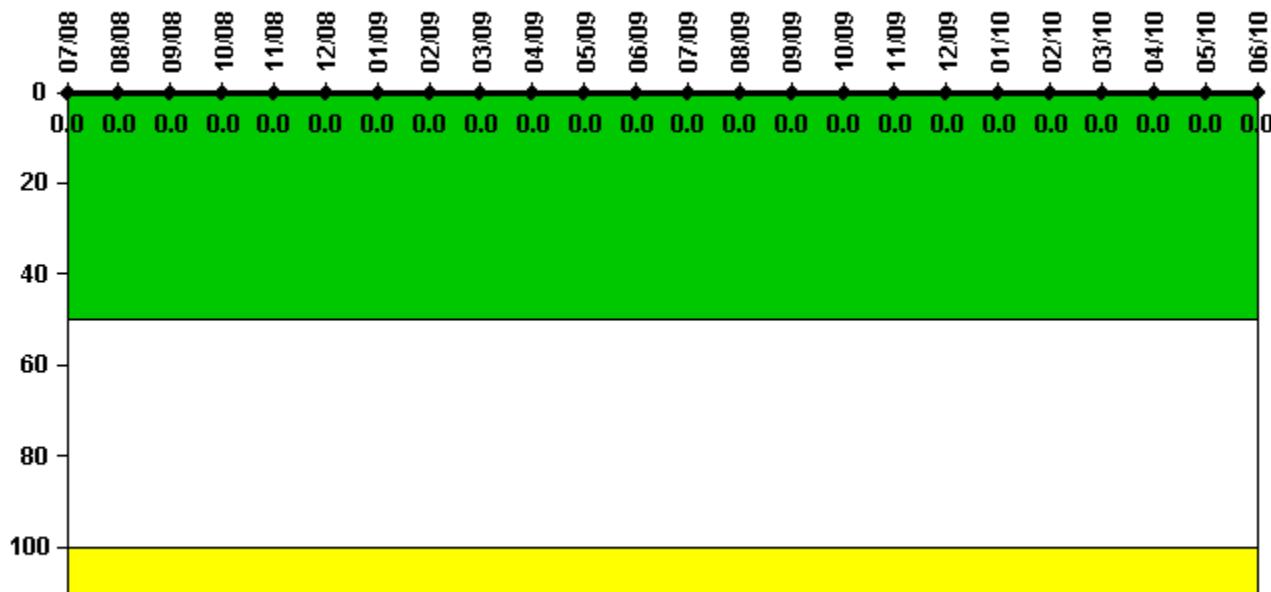
Notes

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)	1.80E-09	2.00E-09	4.00E-09	4.00E-09	4.00E-09	3.90E-09	2.09E-09	1.90E-09
URI (Δ CDF)	-2.50E-11	-2.50E-11	-2.60E-11	-2.70E-11	-2.90E-11	-3.00E-11	-1.56E-11	-1.56E-11
PLE	NO							
Indicator value	1.78E-09	1.98E-09	3.97E-09	3.97E-09	3.97E-09	3.87E-09	2.10E-09	1.90E-09

Licensee Comments:

1Q/10: A scheduled periodic update of the PRA models was performed in 2009 and completed on October 30, 2009. Separate PRA models exist for Unit 2 and 3, but the base PRA results for Units 2 and 3 are nearly identical. Therefore, the current MSPI calculations for Unit 2 are applied to Unit 3. CDE changes effective for the first quarter of 2010 were made to incorporate updated PRA coefficients and PRA Base Core Damage Frequency.

Reactor Coolant System Activity



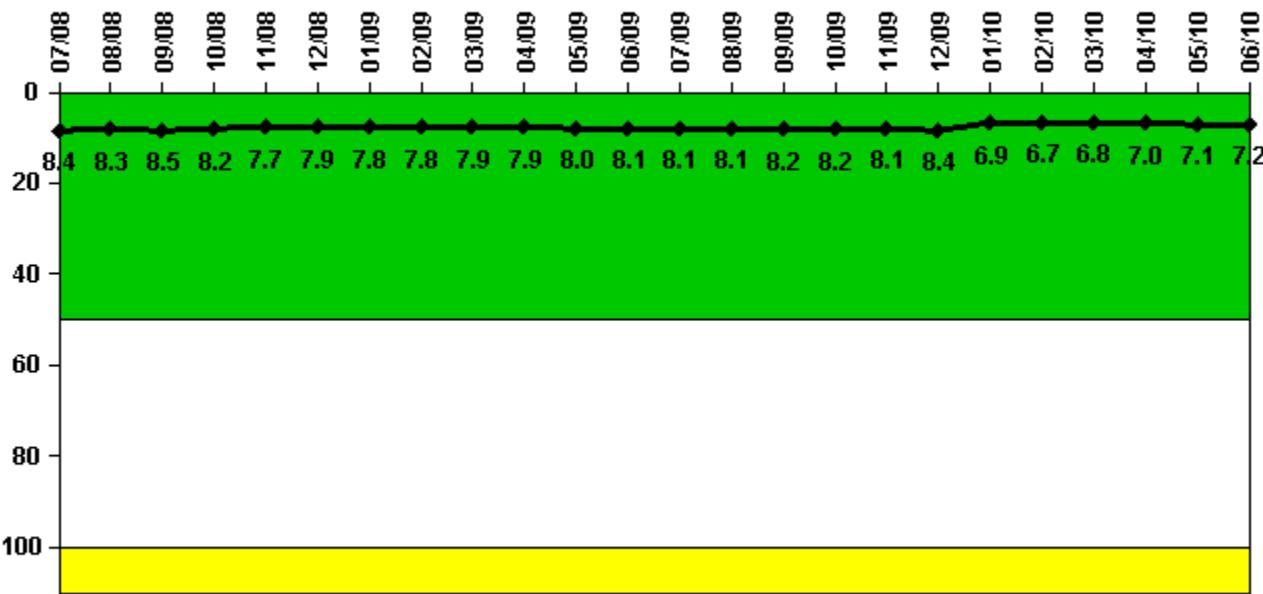
Thresholds: White > 50.0 Yellow > 100.0

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	0.000002	0.000003	0.000002	0.000003	0.000003	0.000003	0.000002	0.000002	0.000003	0.000003	0.000003	0.000003
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
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	0.000003	0.000003	0.000003	0.000003	0.000009	0.000003	0.000003	0.000002	0.000003	0.000002	0.000003	0.000003
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



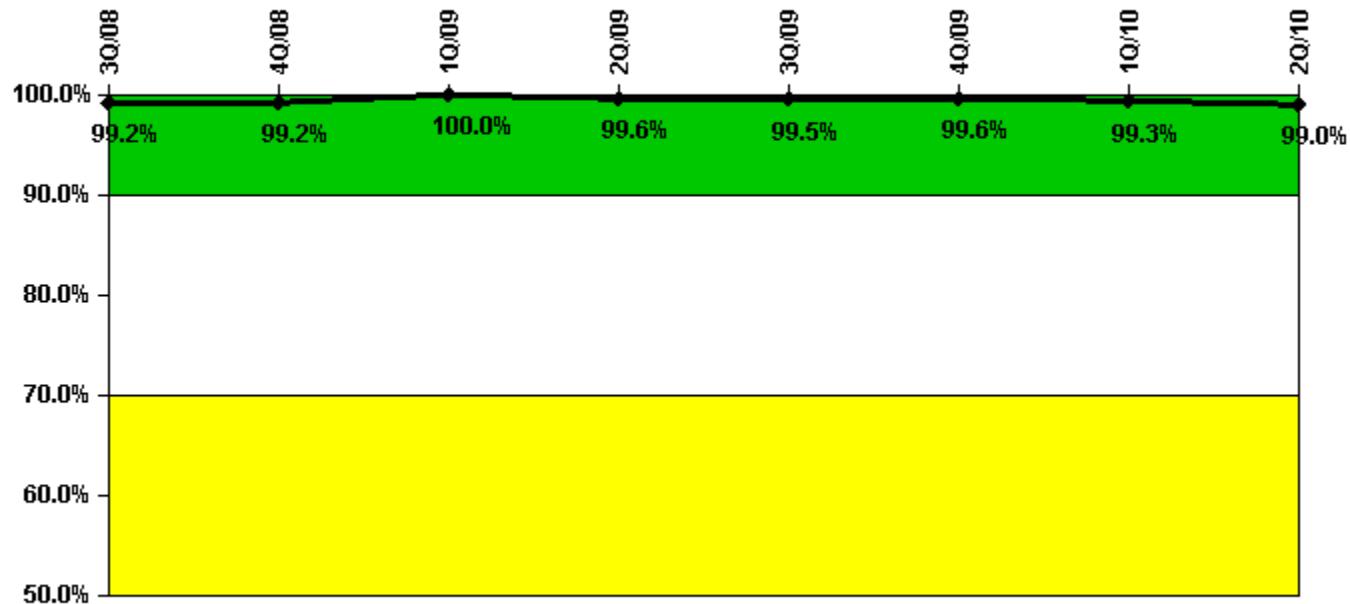
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09	4/09	5/09	6/09
Maximum leakage	2.105	2.083	2.115	2.045	1.928	1.973	1.942	1.950	1.980	1.975	1.992	2.015
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	8.4	8.3	8.5	8.2	7.7	7.9	7.8	7.8	7.9	7.9	8.0	8.1
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	2.017	2.023	2.042	2.040	2.018	2.100	1.718	1.685	1.707	1.745	1.778	1.800
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	8.1	8.1	8.2	8.2	8.1	8.4	6.9	6.7	6.8	7.0	7.1	7.2

Licensee Comments: none

Drill/Exercise Performance



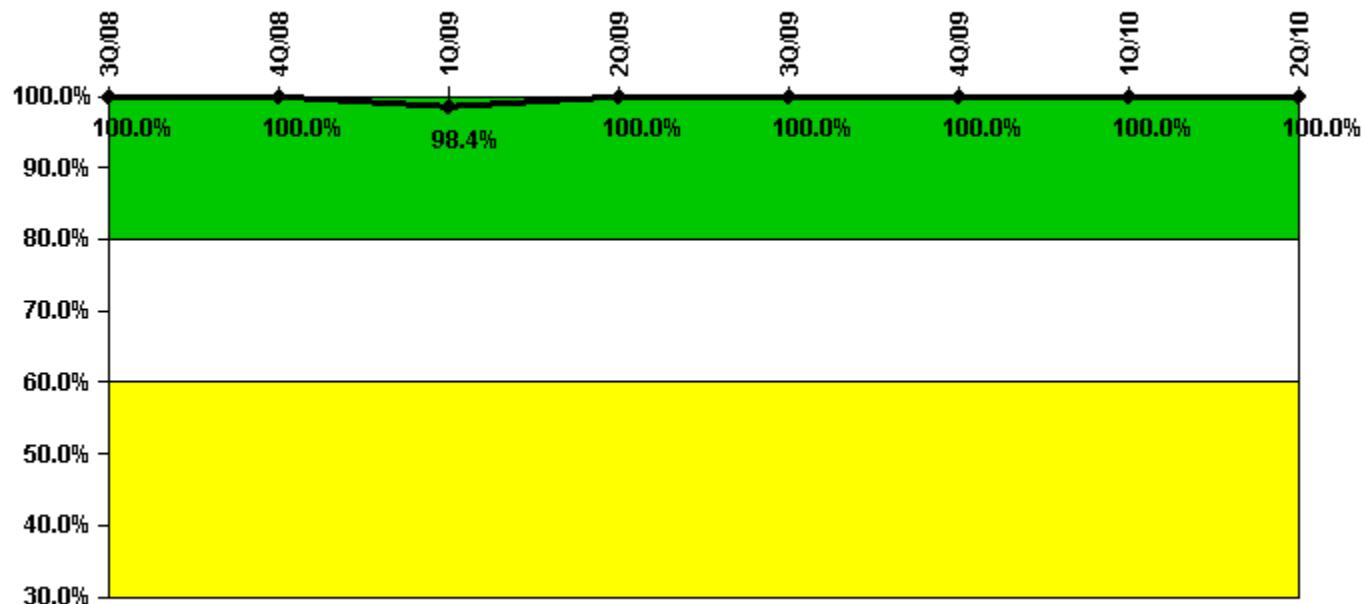
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Successful opportunities	40.0	24.0	46.0	33.0	36.0	34.0	41.0	39.0
Total opportunities	40.0	24.0	46.0	34.0	36.0	34.0	42.0	40.0
Indicator value	99.2%	99.2%	100.0%	99.6%	99.5%	99.6%	99.3%	99.0%

Licensee Comments: none

ERO Drill Participation



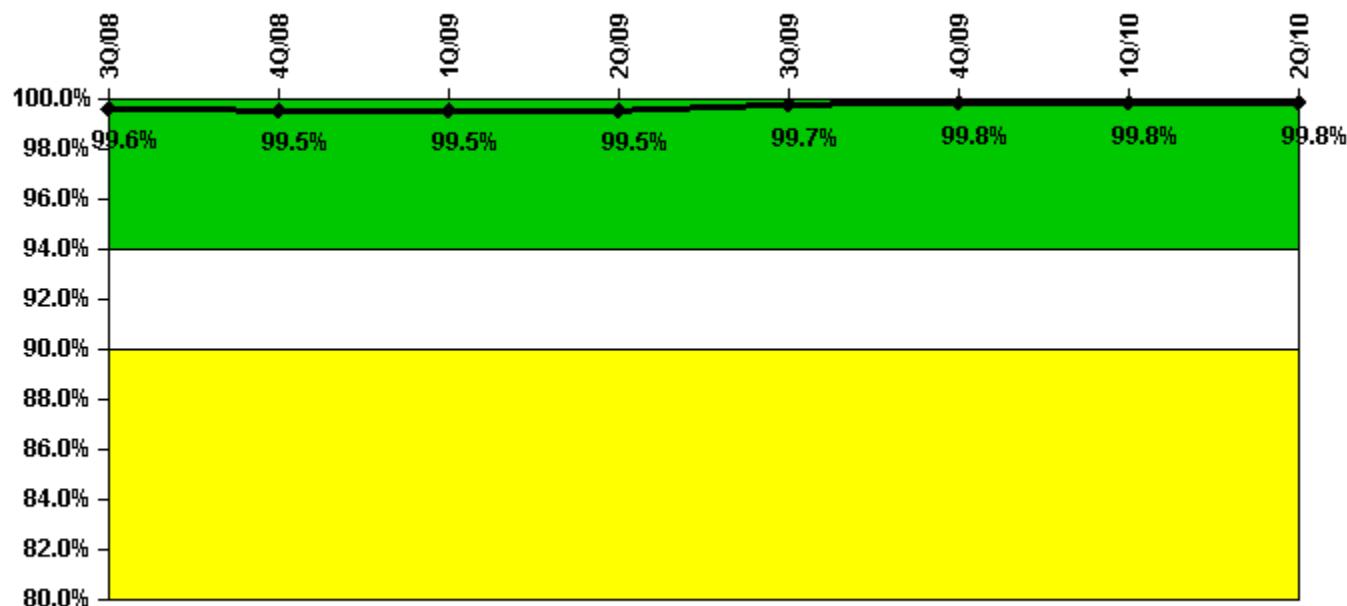
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Participating Key personnel	64.0	64.0	63.0	65.0	65.0	71.0	72.0	71.0
Total Key personnel	64.0	64.0	64.0	65.0	65.0	71.0	72.0	71.0
Indicator value	100.0%	100.0%	98.4%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



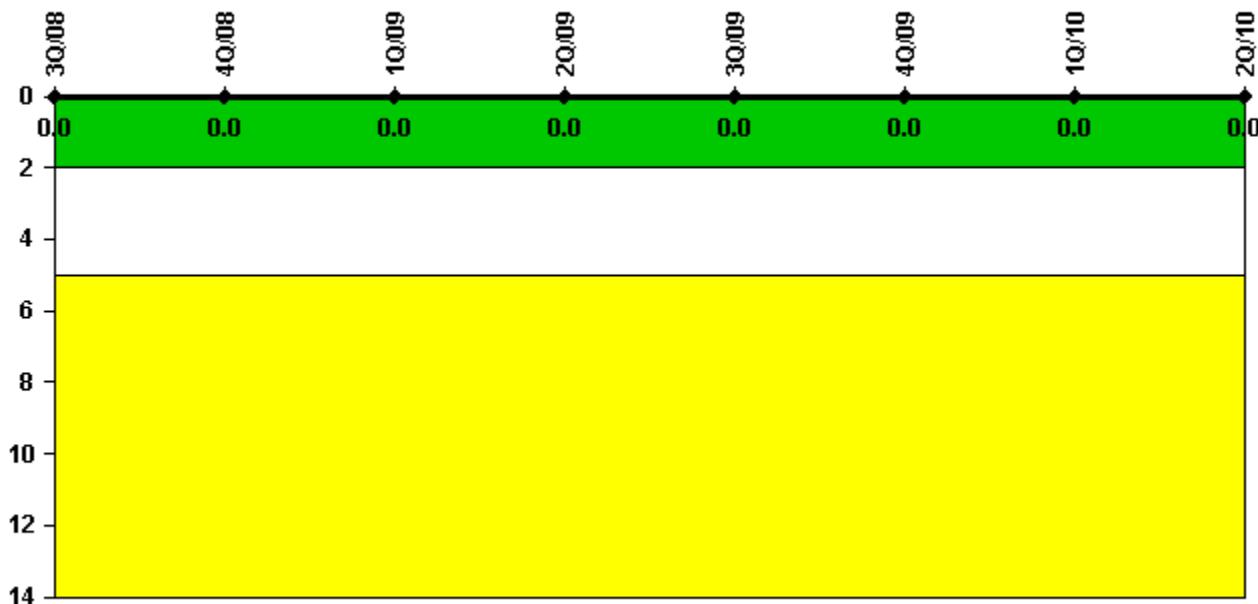
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Successful siren-tests	5037	4963	4900	4978	5064	4983	2893	2929
Total sirens-tests	5070	4992	4914	4992	5070	4992	2898	2944
Indicator value	99.6%	99.5%	99.5%	99.5%	99.7%	99.8%	99.8%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



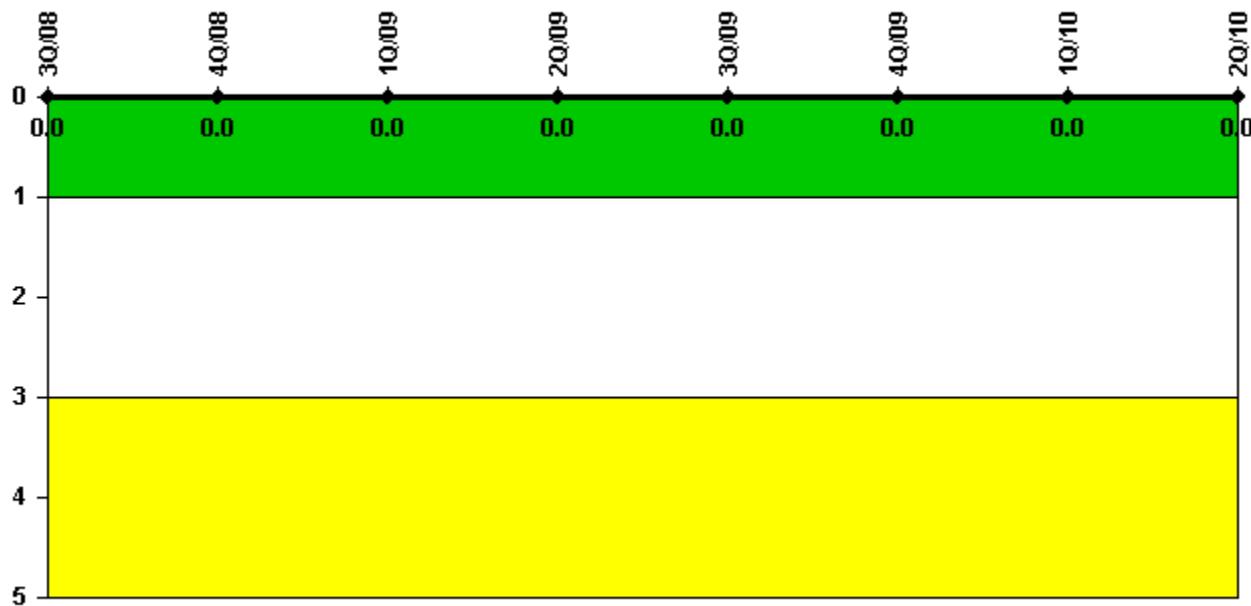
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/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.

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3Q/2010 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



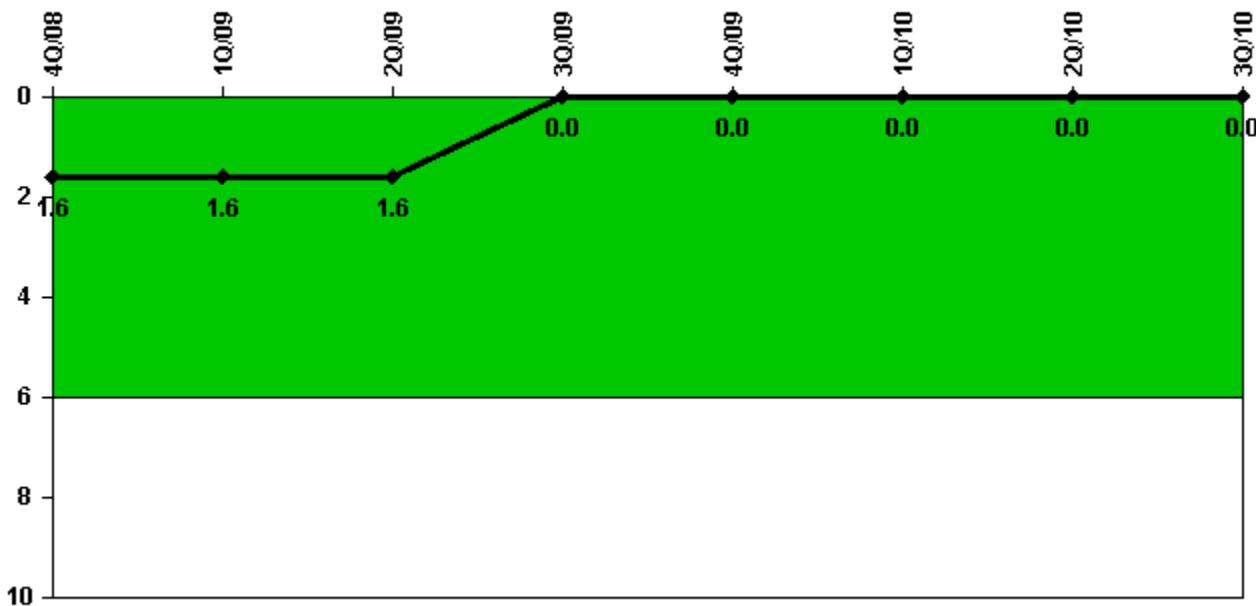
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2209.0	2159.0	2184.0	2208.0	1508.4	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



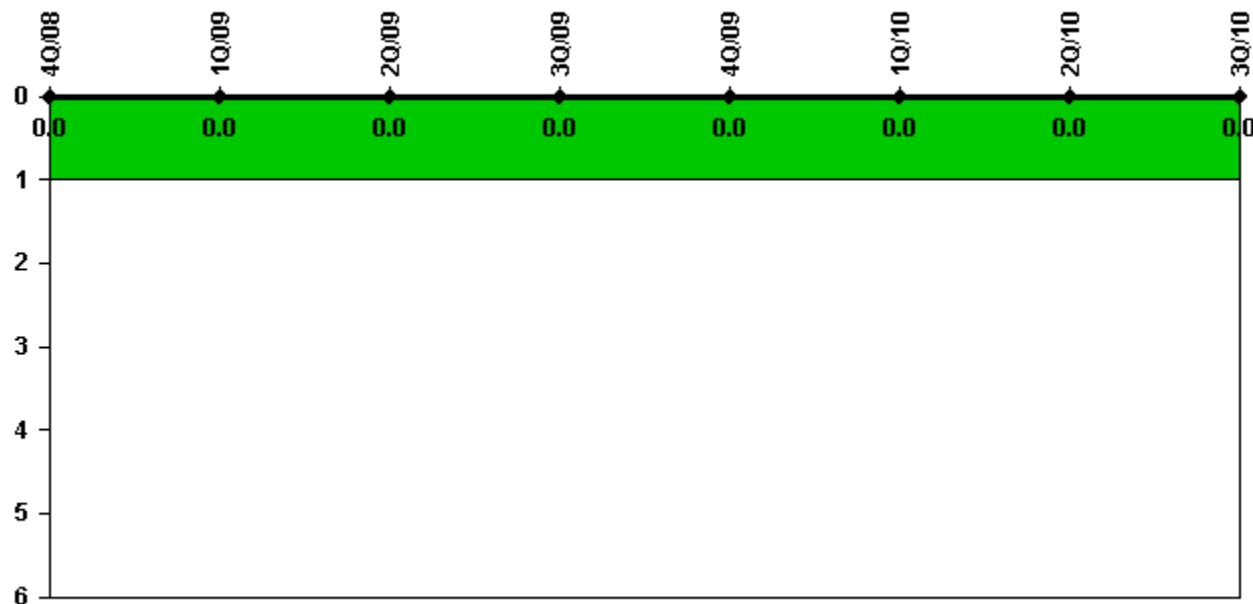
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2209.0	2159.0	2184.0	2208.0	1508.4	2159.0	2184.0	2208.0
Indicator value	1.6	1.6	1.6	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



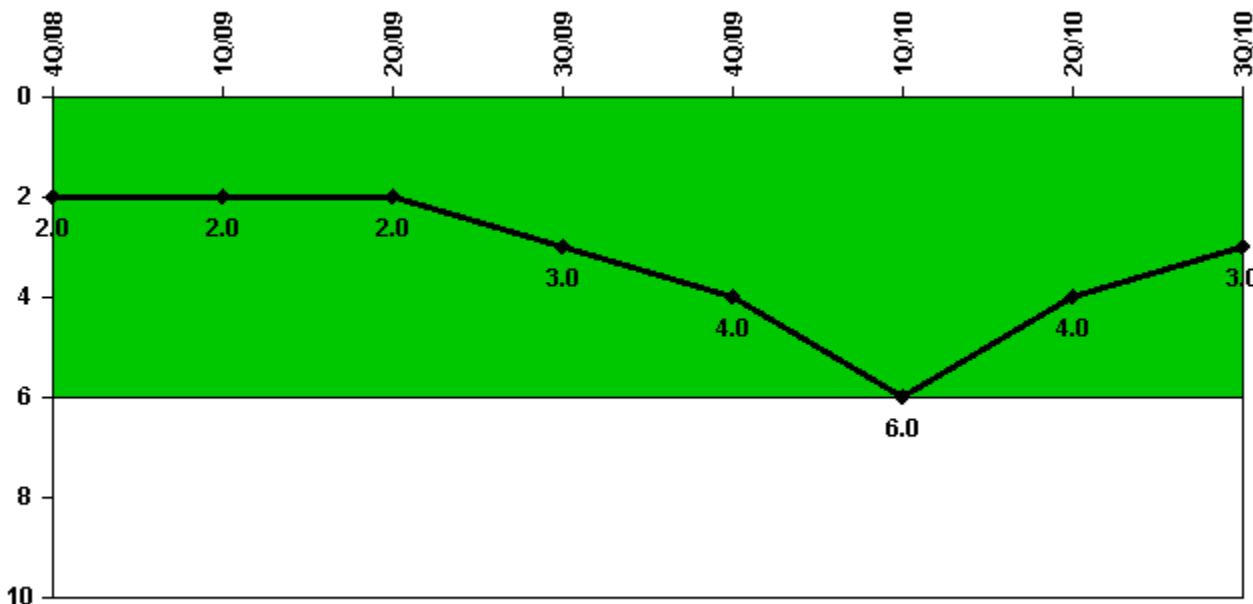
Thresholds: White > 1.0

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 (BWR)



Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Safety System Functional Failures	0	0	2	1	1	2	0	0
Indicator value	2	2	2	3	4	6	4	3

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



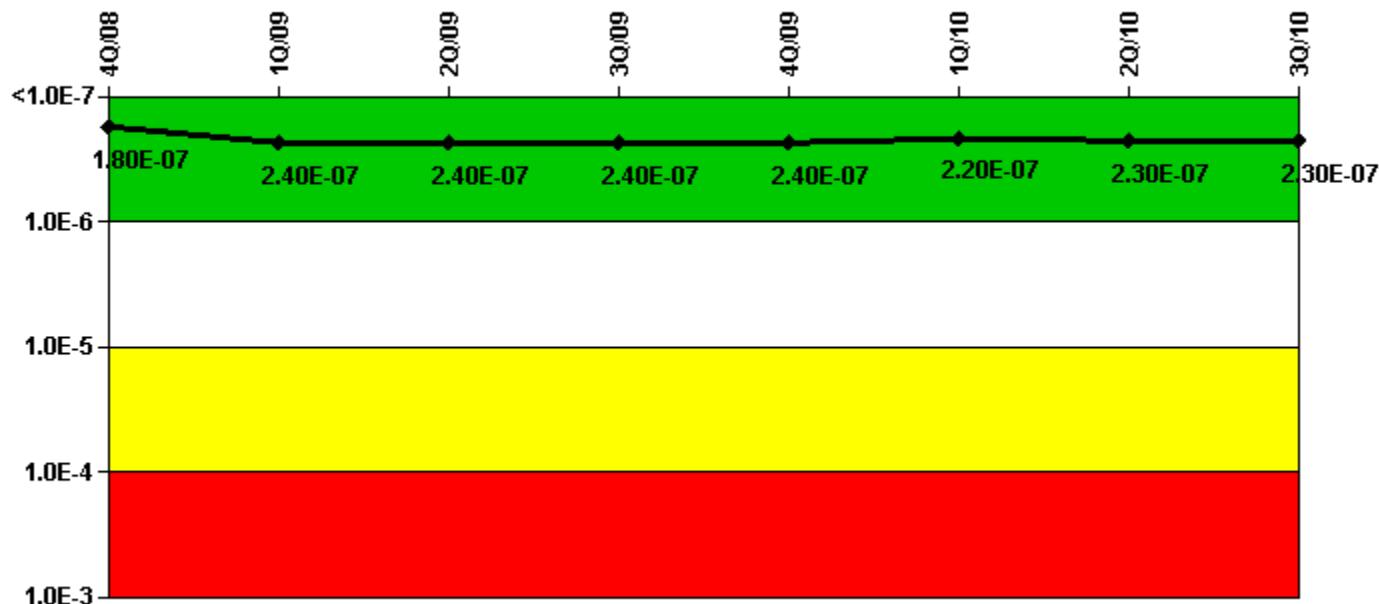
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (Δ CDF)	5.20E-10	5.80E-09	8.10E-09	9.00E-09	1.40E-08	8.87E-10	4.83E-10	5.52E-10
URI (Δ CDF)	-3.30E-08	-3.50E-08	6.30E-08	6.30E-08	2.20E-09	5.99E-10	7.94E-10	7.88E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.25E-08	-2.92E-08	7.11E-08	7.20E-08	1.62E-08	1.50E-09	1.30E-09	1.30E-09

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (Δ CDF)	-4.00E-08	-4.00E-08	-4.00E-08	-4.00E-08	-4.00E-08	-3.63E-08	-3.63E-08	-3.63E-08
URI (Δ CDF)	2.20E-07	2.80E-07	2.80E-07	2.80E-07	2.80E-07	2.54E-07	2.61E-07	2.61E-07
PLE	NO							
Indicator value	1.80E-07	2.40E-07	2.40E-07	2.40E-07	2.40E-07	2.20E-07	2.30E-07	2.30E-07

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



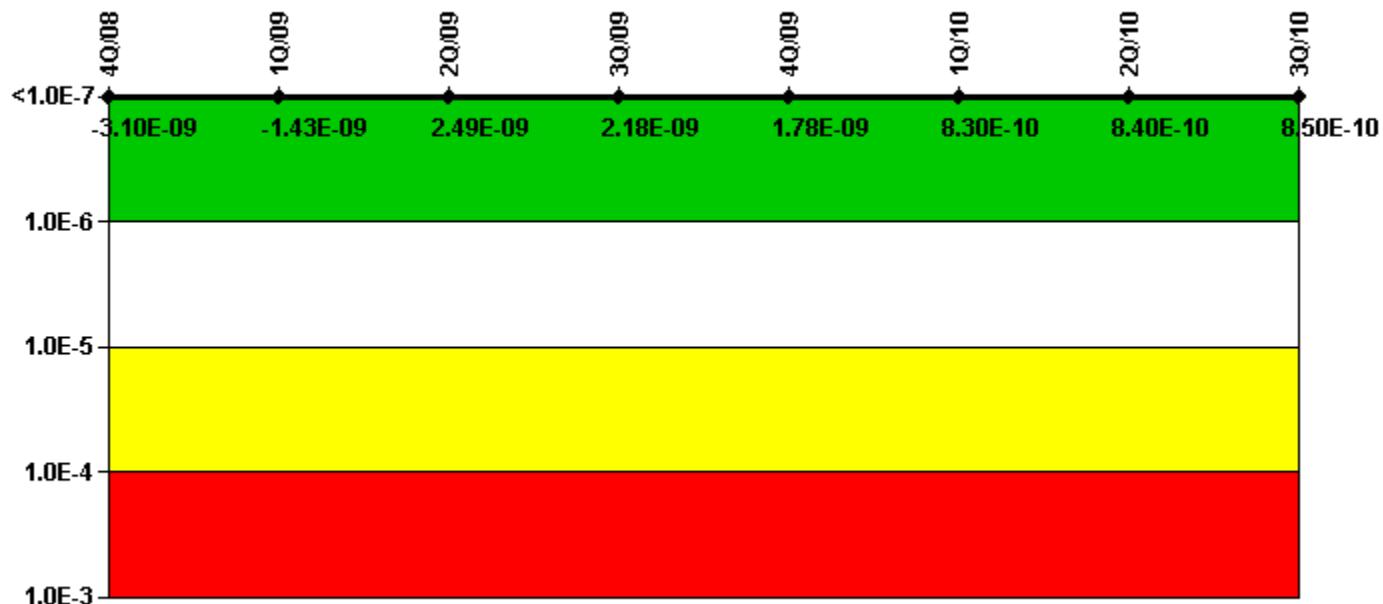
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (Δ CDF)	-3.90E-09	-4.30E-09	-4.30E-09	-1.90E-09	-1.50E-09	2.40E-09	9.29E-10	3.64E-09
URI (Δ CDF)	-8.80E-11	-8.80E-11	-8.80E-11	-7.10E-11	-7.10E-11	-1.18E-10	-9.92E-11	-9.92E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.99E-09	-4.39E-09	-4.39E-09	-1.97E-09	-1.57E-09	2.30E-09	8.30E-10	3.50E-09

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (Δ CDF)	-1.20E-09	5.70E-10	8.90E-10	8.80E-10	6.80E-10	-3.39E-10	-3.39E-10	-3.39E-10
URI (Δ CDF)	-1.90E-09	-2.00E-09	1.60E-09	1.30E-09	1.10E-09	1.17E-09	1.18E-09	1.19E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.10E-09	-1.43E-09	2.49E-09	2.18E-09	1.78E-09	8.30E-10	8.40E-10	8.50E-10

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



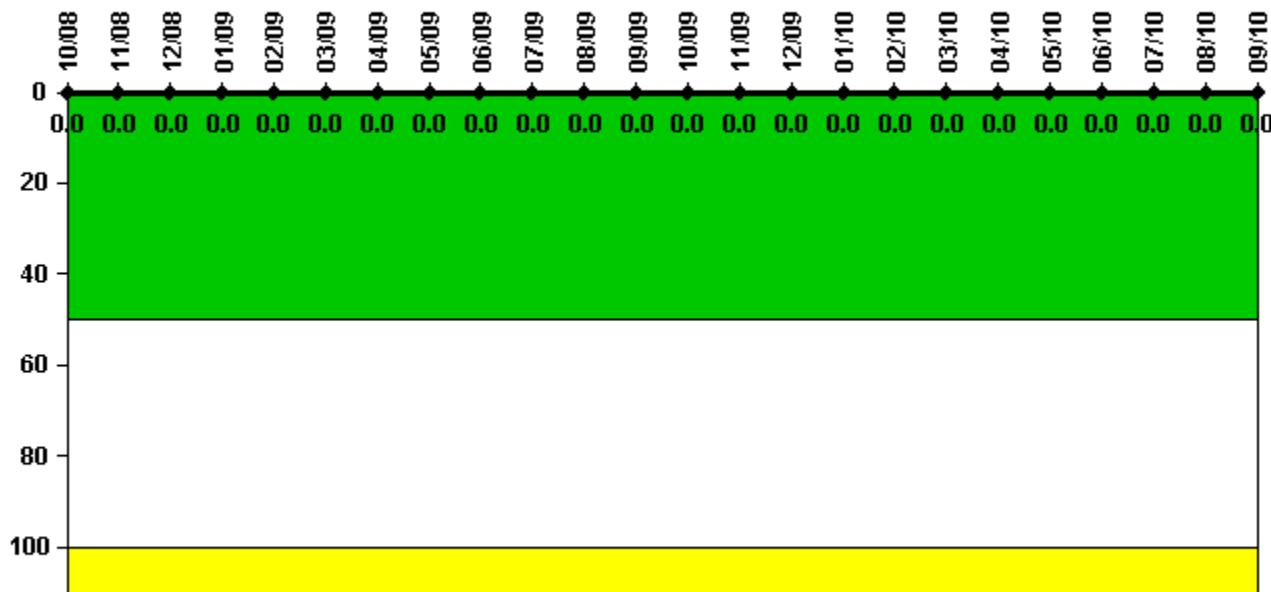
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	2.00E-09	4.00E-09	4.00E-09	4.00E-09	3.90E-09	2.09E-09	1.90E-09	1.90E-09
URI (Δ CDF)	-2.50E-11	-2.60E-11	-2.70E-11	-2.90E-11	-3.00E-11	-1.56E-11	-1.56E-11	-1.57E-11
PLE	NO							
Indicator value	1.98E-09	3.97E-09	3.97E-09	3.97E-09	3.87E-09	2.10E-09	1.90E-09	1.90E-09

Licensee Comments: none

Reactor Coolant System Activity



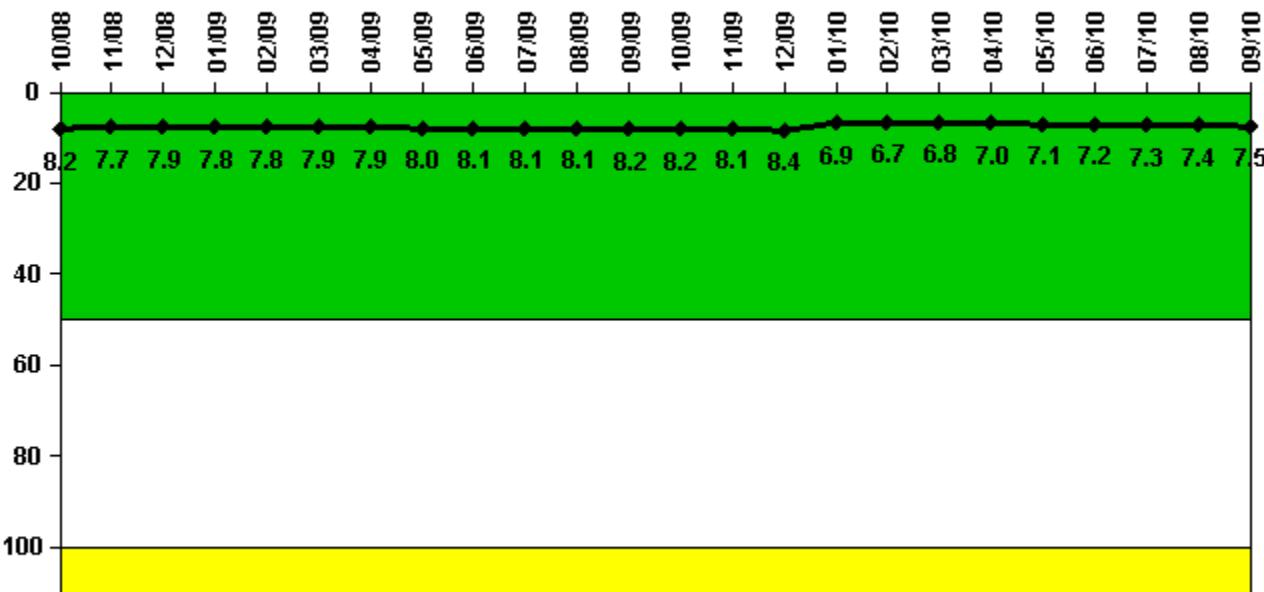
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/08	11/08	12/08	1/09	2/09	3/09	4/09	5/09	6/09	7/09	8/09	9/09
Maximum activity	0.000003	0.000003	0.000003	0.000002	0.000002	0.000003	0.000003	0.000003	0.000003	0.000003	0.000003	0.000003
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
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	0.000003	0.000009	0.000003	0.000003	0.000002	0.000003	0.000002	0.000003	0.000003	0.000003	0.000003	0.000003
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



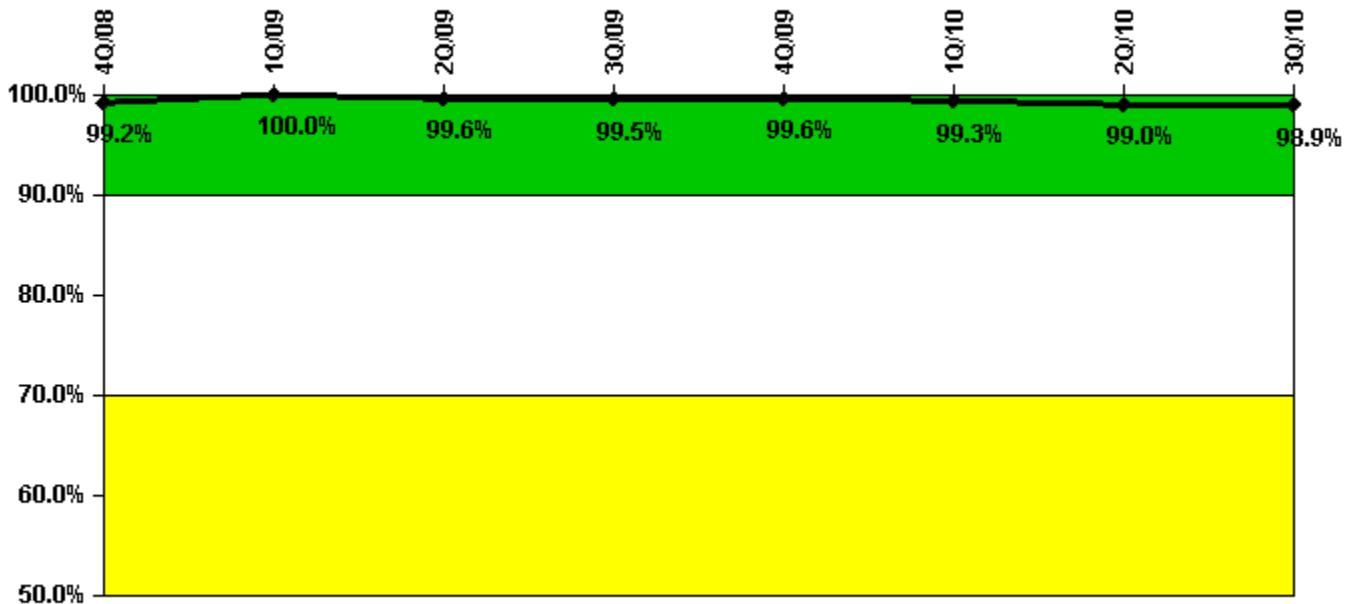
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/08	11/08	12/08	1/09	2/09	3/09	4/09	5/09	6/09	7/09	8/09	9/09
Maximum leakage	2.045	1.928	1.973	1.942	1.950	1.980	1.975	1.992	2.015	2.017	2.023	2.042
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	8.2	7.7	7.9	7.8	7.8	7.9	7.9	8.0	8.1	8.1	8.1	8.2
Reactor Coolant System Leakage	10/09	11/09	12/09	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10
Maximum leakage	2.040	2.018	2.100	1.718	1.685	1.707	1.745	1.778	1.800	1.825	1.852	1.878
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	8.2	8.1	8.4	6.9	6.7	6.8	7.0	7.1	7.2	7.3	7.4	7.5

Licensee Comments: none

Drill/Exercise Performance



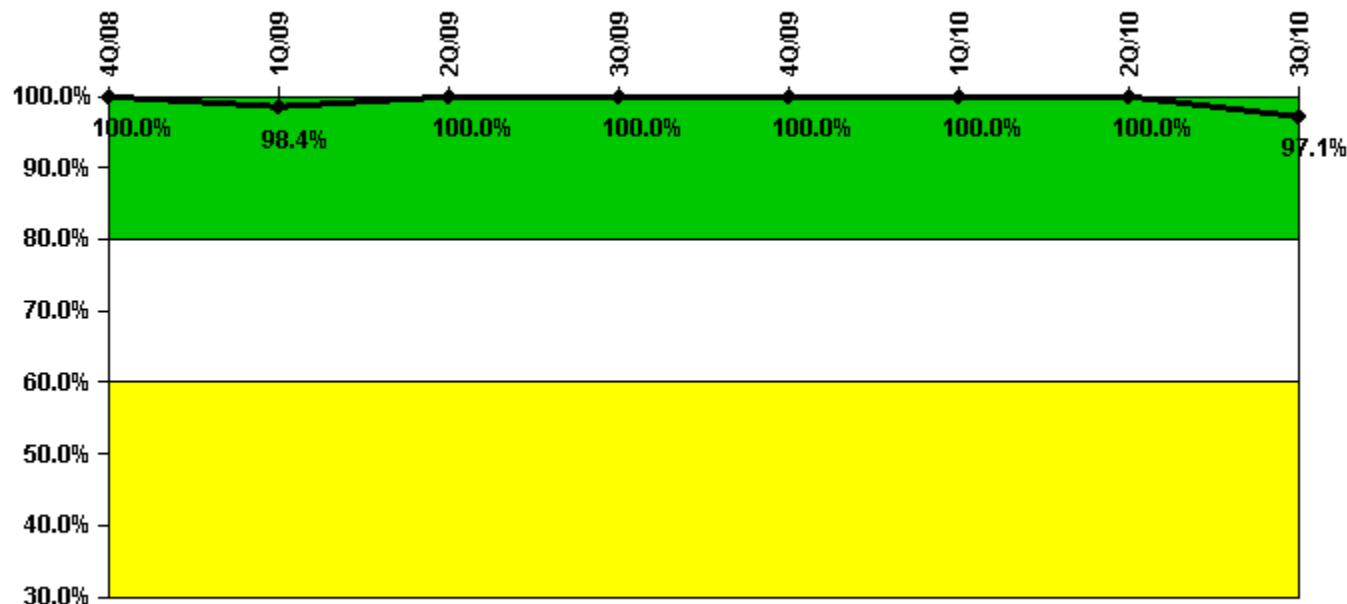
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Successful opportunities	24.0	46.0	33.0	36.0	34.0	41.0	39.0	6.0
Total opportunities	24.0	46.0	34.0	36.0	34.0	42.0	40.0	6.0
Indicator value	99.2%	100.0%	99.6%	99.5%	99.6%	99.3%	99.0%	98.9%

Licensee Comments: none

ERO Drill Participation



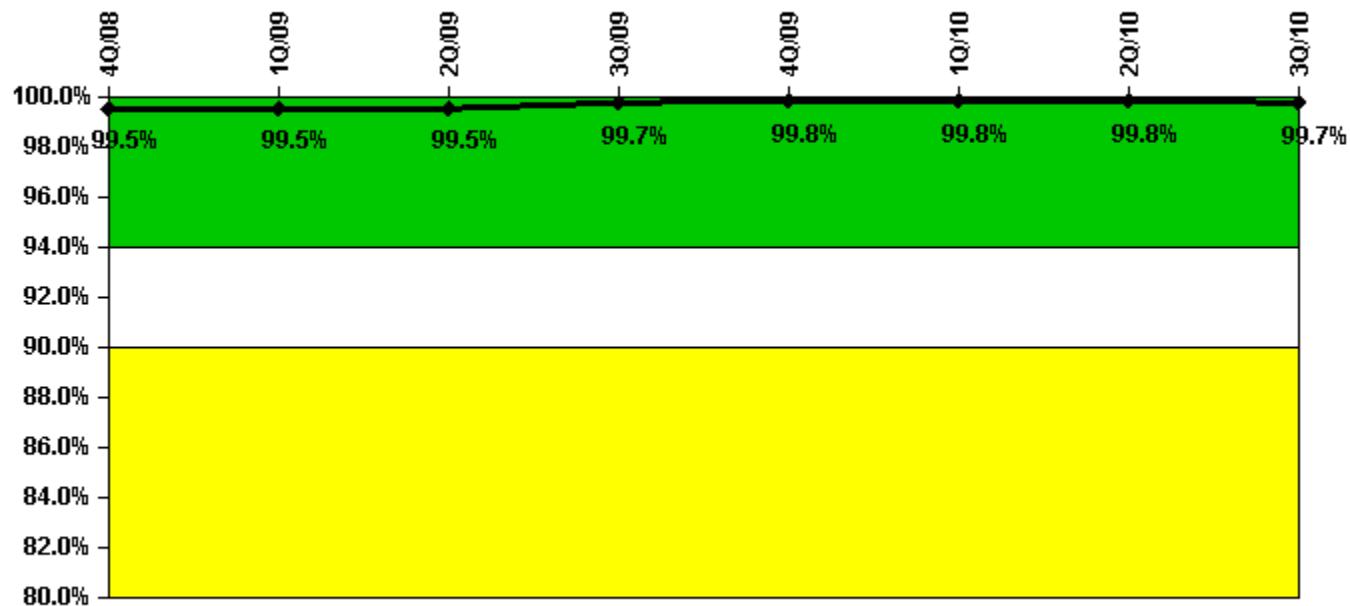
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Participating Key personnel	64.0	63.0	65.0	65.0	71.0	72.0	71.0	66.0
Total Key personnel	64.0	64.0	65.0	65.0	71.0	72.0	71.0	68.0
Indicator value	100.0%	98.4%	100.0%	100.0%	100.0%	100.0%	100.0%	97.1%

Licensee Comments: none

Alert & Notification System



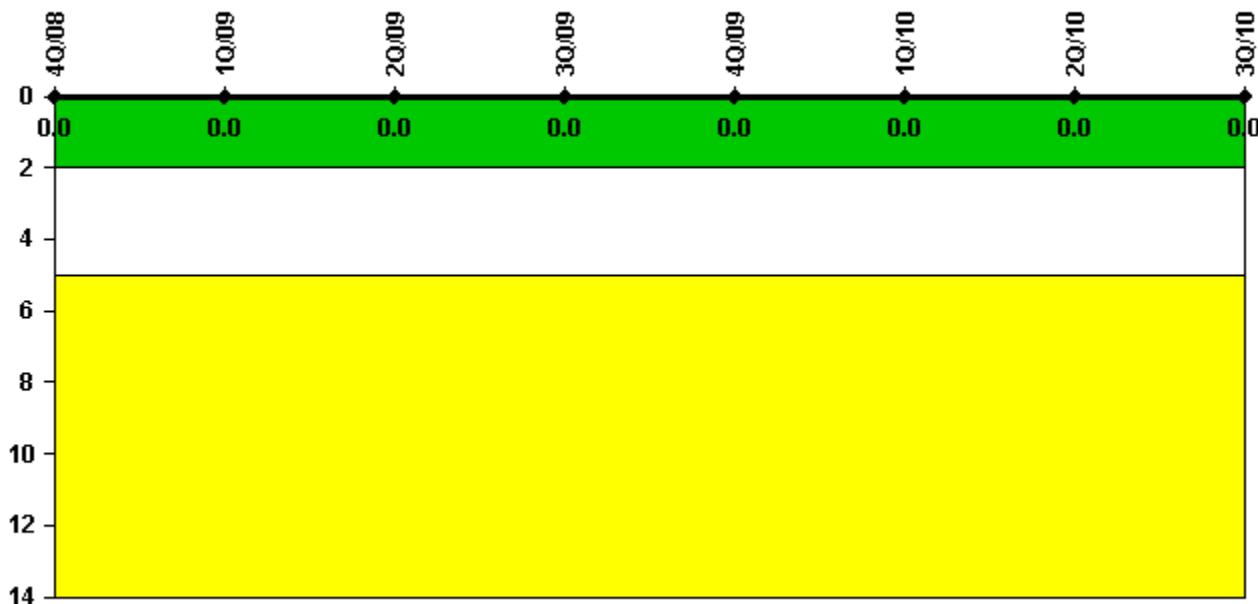
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Successful siren-tests	4963	4900	4978	5064	4983	2893	2929	2979
Total sirens-tests	4992	4914	4992	5070	4992	2898	2944	2989
Indicator value	99.5%	99.5%	99.5%	99.7%	99.8%	99.8%	99.8%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



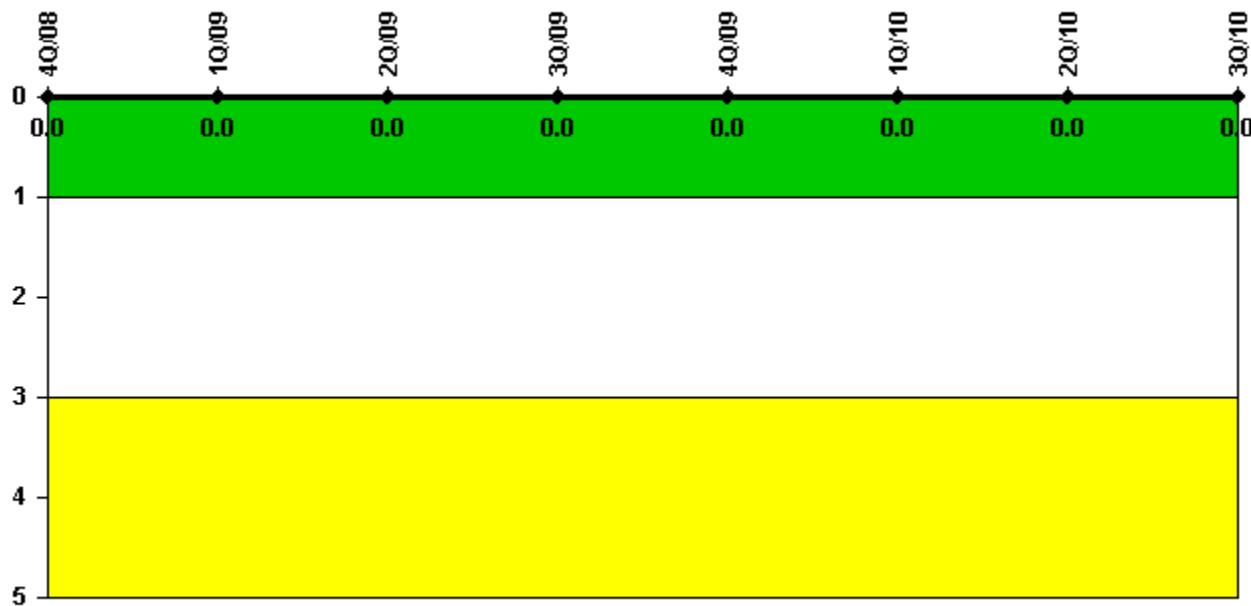
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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

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4Q/2010 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



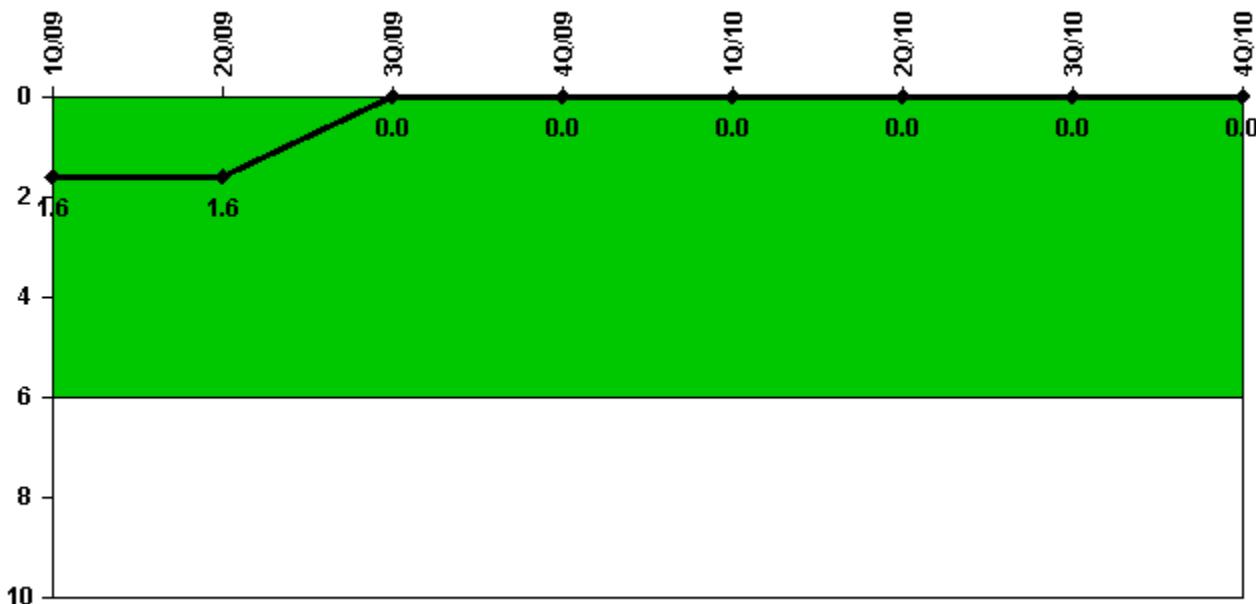
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	0	0	0
Critical hours	2159.0	2184.0	2208.0	1508.4	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



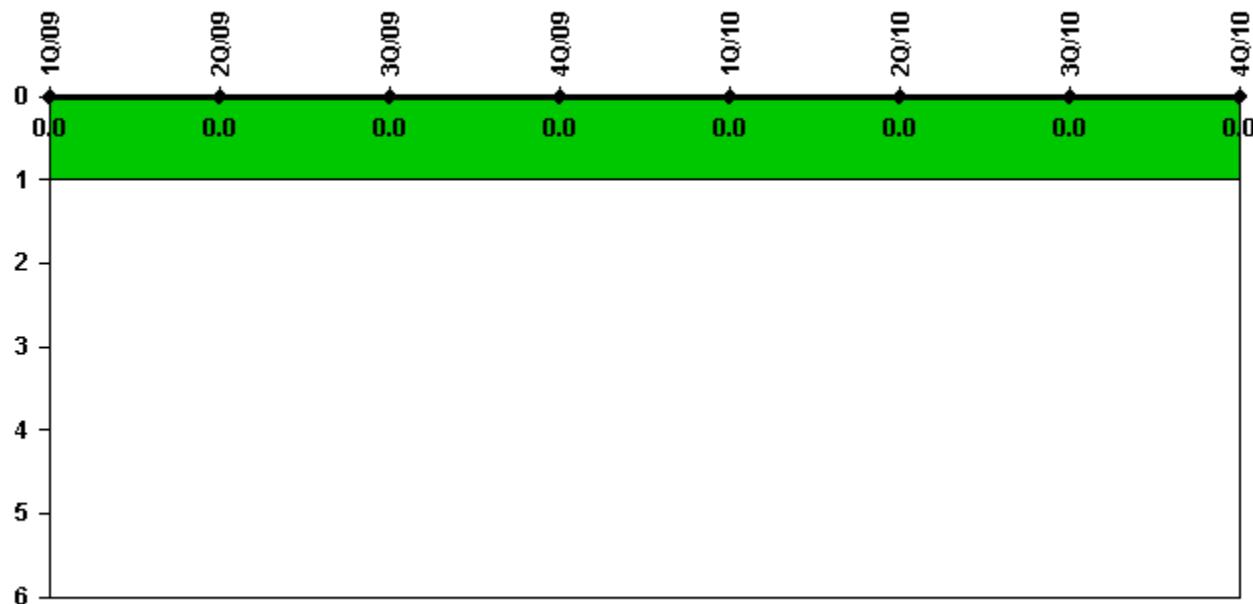
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2159.0	2184.0	2208.0	1508.4	2159.0	2184.0	2208.0	2209.0
Indicator value	1.6	1.6	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



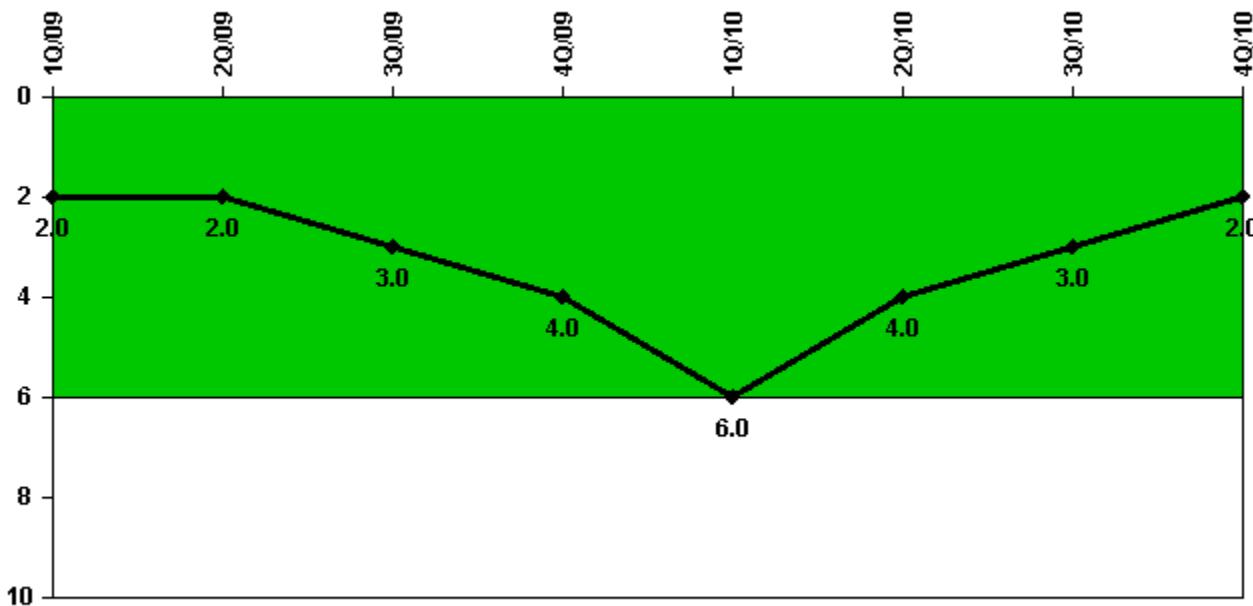
Thresholds: White > 1.0

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 (BWR)



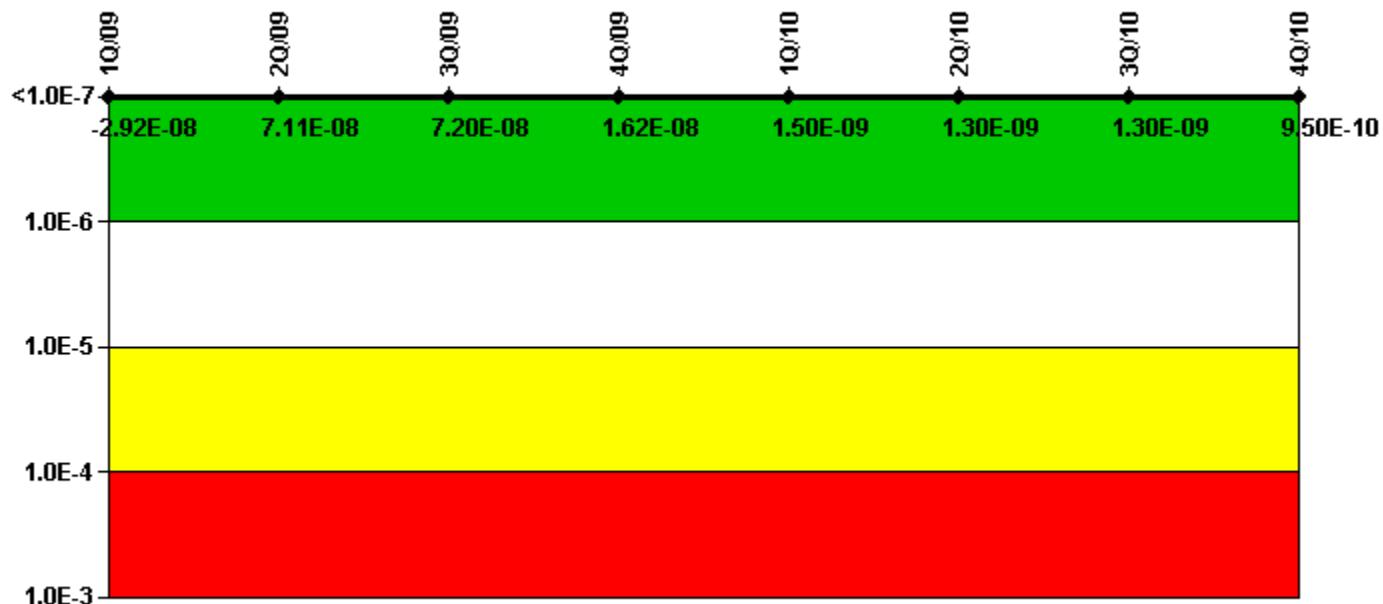
Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Safety System Functional Failures	0	2	1	1	2	0	0	0
Indicator value	2	2	3	4	6	4	3	2

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



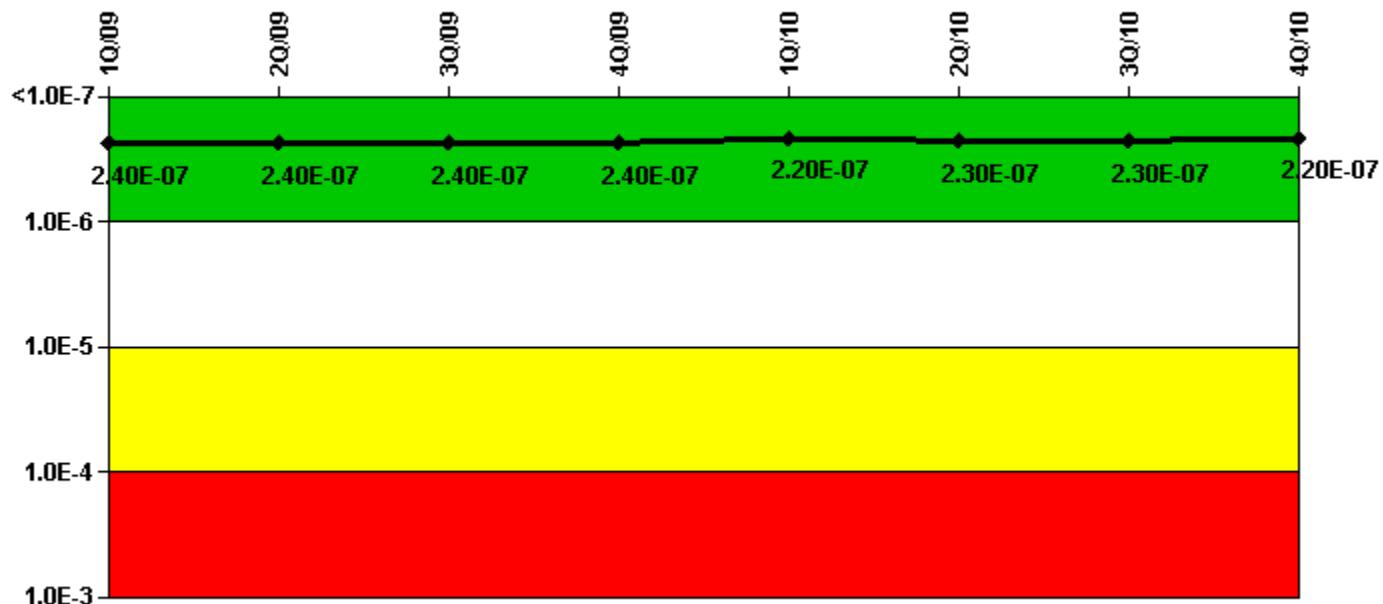
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	5.80E-09	8.10E-09	9.00E-09	1.40E-08	8.87E-10	4.83E-10	5.52E-10	1.54E-10
URI (Δ CDF)	-3.50E-08	6.30E-08	6.30E-08	2.20E-09	5.99E-10	7.94E-10	7.88E-10	7.98E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.92E-08	7.11E-08	7.20E-08	1.62E-08	1.50E-09	1.30E-09	1.30E-09	9.50E-10

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



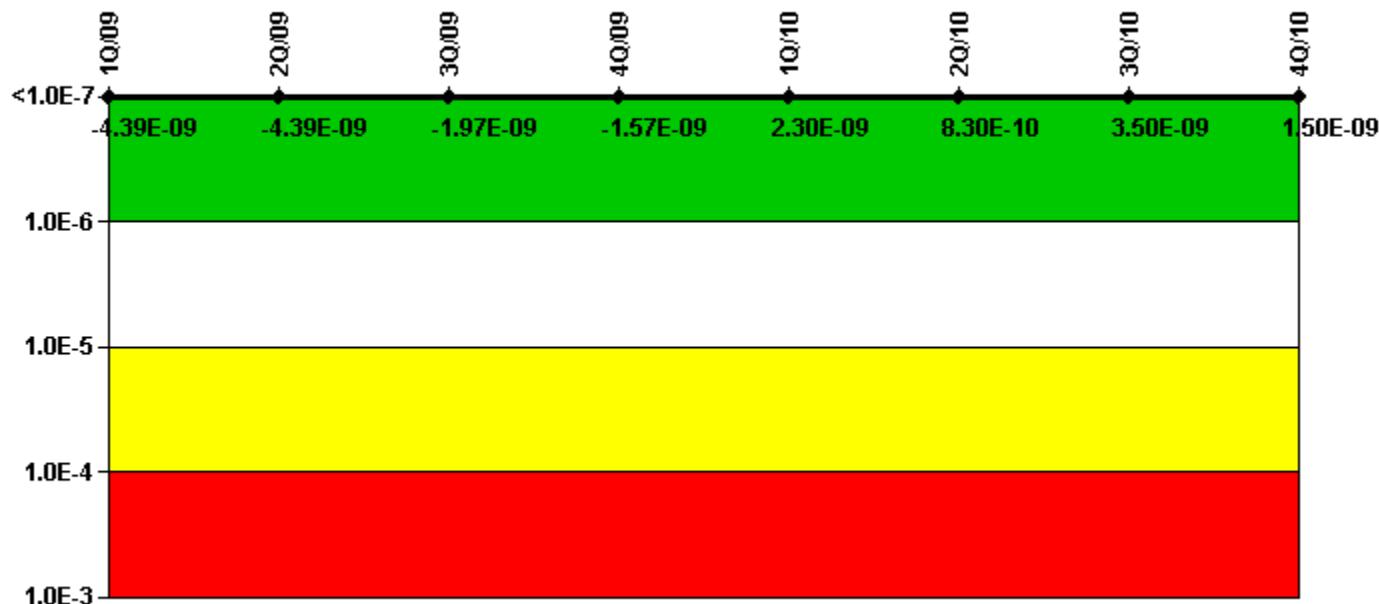
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	-4.00E-08	-4.00E-08	-4.00E-08	-4.00E-08	-3.63E-08	-3.63E-08	-3.63E-08	-3.65E-08
URI (Δ CDF)	2.80E-07	2.80E-07	2.80E-07	2.80E-07	2.54E-07	2.61E-07	2.61E-07	2.61E-07
PLE	NO							
Indicator value	2.40E-07	2.40E-07	2.40E-07	2.40E-07	2.20E-07	2.30E-07	2.30E-07	2.20E-07

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



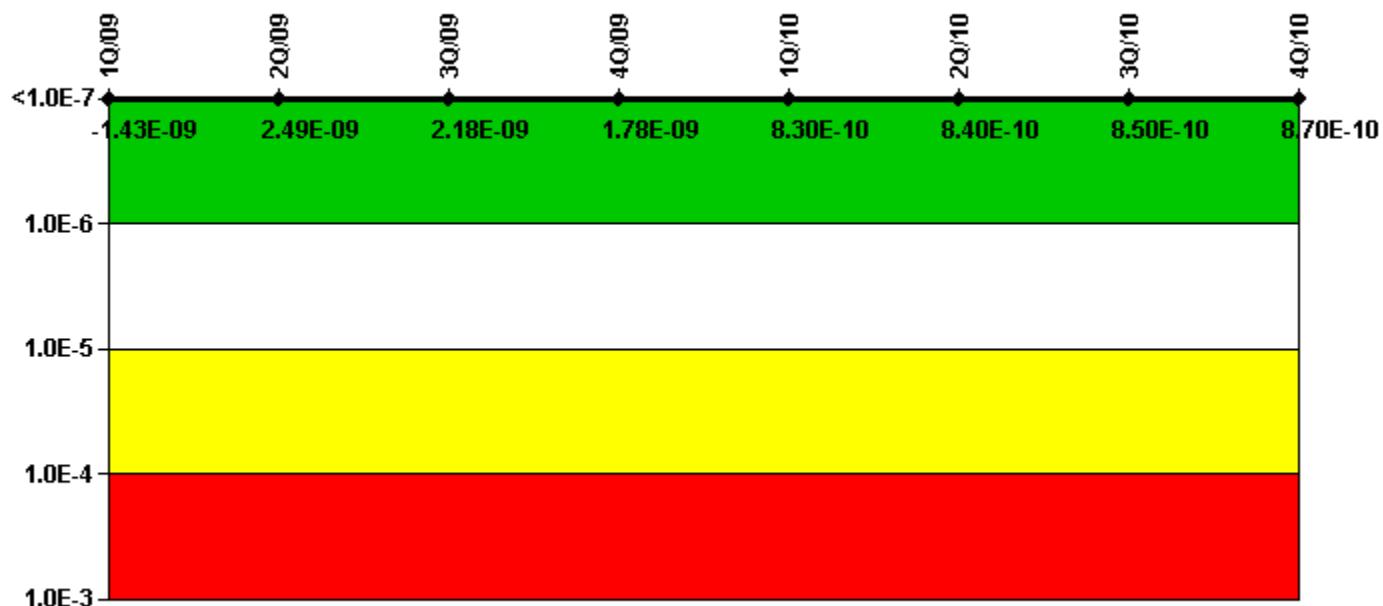
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (Δ CDF)	-4.30E-09	-4.30E-09	-1.90E-09	-1.50E-09	2.40E-09	9.29E-10	3.64E-09	1.59E-09
URI (Δ CDF)	-8.80E-11	-8.80E-11	-7.10E-11	-7.10E-11	-1.18E-10	-9.92E-11	-9.92E-11	-9.92E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.39E-09	-4.39E-09	-1.97E-09	-1.57E-09	2.30E-09	8.30E-10	3.50E-09	1.50E-09

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



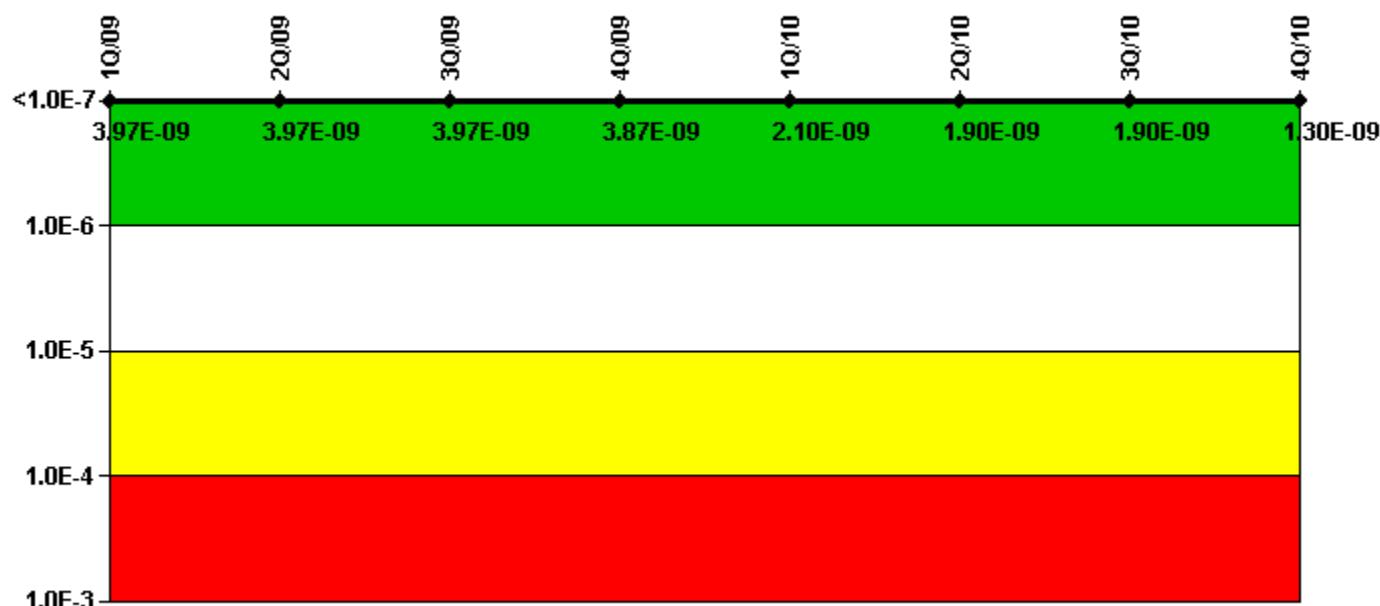
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (Δ CDF)	5.70E-10	8.90E-10	8.80E-10	6.80E-10	-3.39E-10	-3.39E-10	-3.39E-10	-3.42E-10
URI (Δ CDF)	-2.00E-09	1.60E-09	1.30E-09	1.10E-09	1.17E-09	1.18E-09	1.19E-09	1.21E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.43E-09	2.49E-09	2.18E-09	1.78E-09	8.30E-10	8.40E-10	8.50E-10	8.70E-10

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



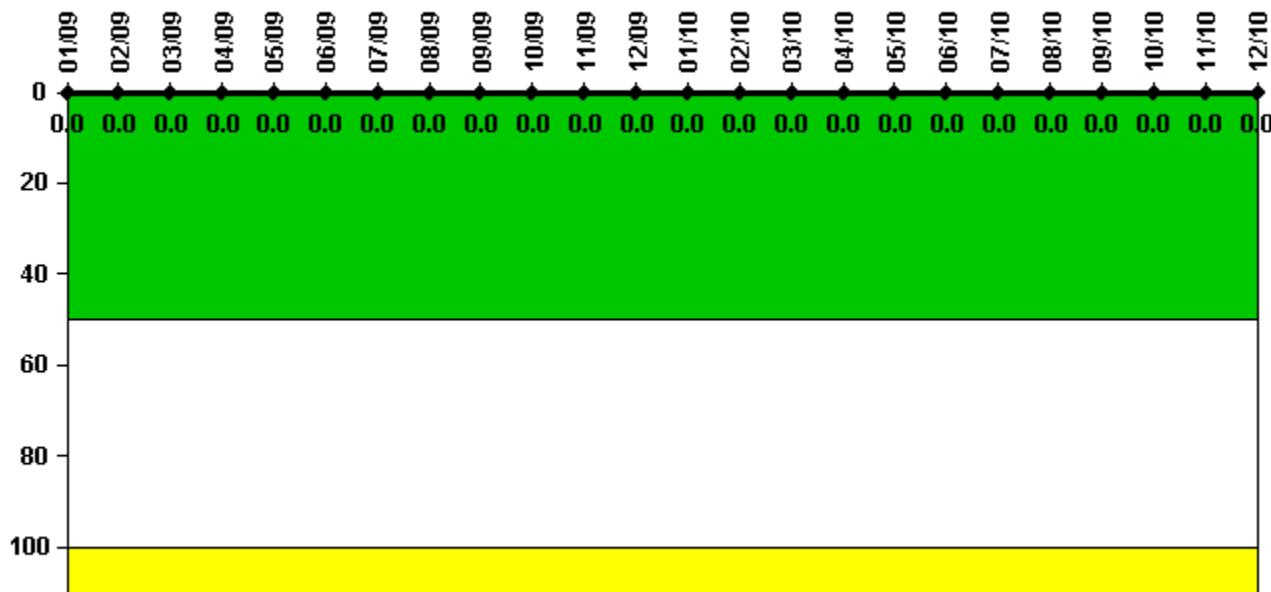
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	4.00E-09	4.00E-09	4.00E-09	3.90E-09	2.09E-09	1.90E-09	1.90E-09	1.28E-09
URI (Δ CDF)	-2.60E-11	-2.70E-11	-2.90E-11	-3.00E-11	-1.56E-11	-1.56E-11	-1.57E-11	-1.56E-11
PLE	NO							
Indicator value	3.97E-09	3.97E-09	3.97E-09	3.87E-09	2.10E-09	1.90E-09	1.90E-09	1.30E-09

Licensee Comments: none

Reactor Coolant System Activity



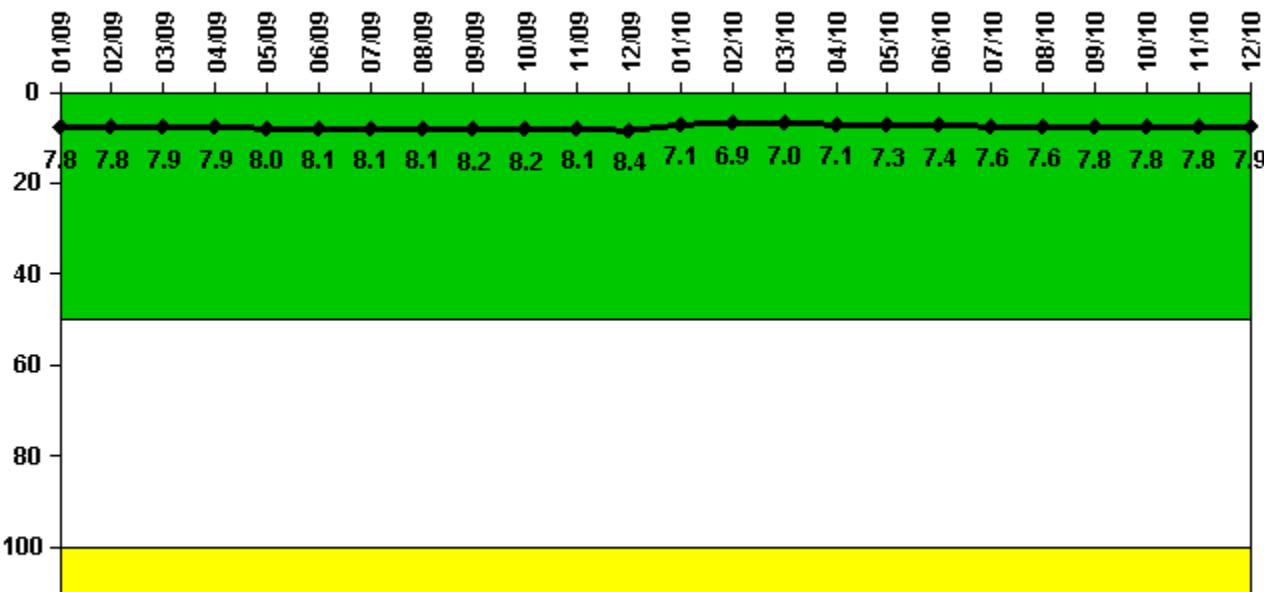
Thresholds: White > 50.0 Yellow > 100.0

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	0.000002	0.000002	0.000003	0.000003	0.000003	0.000003	0.000003	0.000003	0.000003	0.000003	0.000009	0.000003
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
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	0.000003	0.000002	0.000003	0.000002	0.000003	0.000003	0.000003	0.000003	0.000003	0.000004	0.000003	0.000004
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	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	1/09	2/09	3/09	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09
Maximum leakage	1.942	1.950	1.980	1.975	1.992	2.015	2.017	2.023	2.042	2.040	2.018	2.100
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	7.8	7.8	7.9	7.9	8.0	8.1	8.1	8.1	8.2	8.2	8.1	8.4
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	1.778	1.727	1.755	1.785	1.820	1.852	1.893	1.910	1.943	1.955	1.947	1.972
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	7.1	6.9	7.0	7.1	7.3	7.4	7.6	7.6	7.8	7.8	7.8	7.9

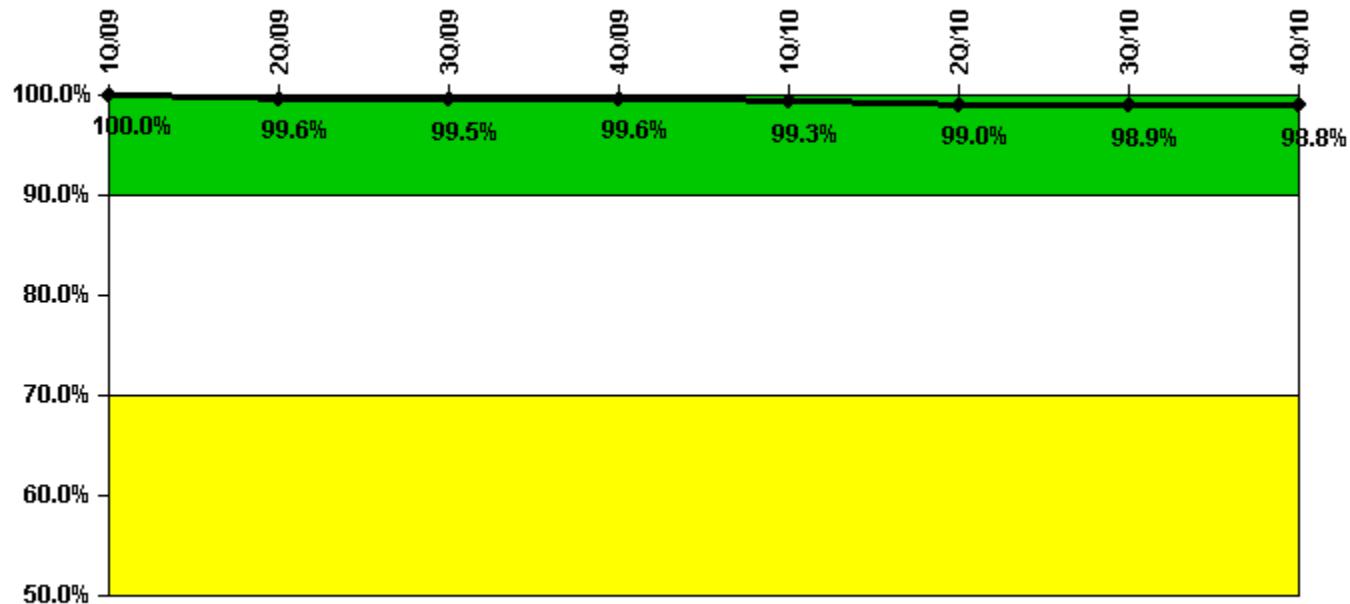
Licensee Comments:

9/10: Maximum RCS Identified Leakage value was corrected to be the same as Maximum RCS Total Leakage value per NEI 99-02, Rev. 6 guidance. This change affects January - September 2010 RCS leakage data. Indicator color was not affected by this change.

6/10: Maximum RCS Identified Leakage value was corrected to be the same as Maximum RCS Total Leakage value per NEI 99-02, Rev. 6 guidance. This change affects January - September 2010 RCS leakage data. Indicator color was not affected by this change.

3/10: Maximum RCS Identified Leakage value was corrected to be the same as Maximum RCS Total Leakage value per NEI 99-02, Rev. 6 guidance. This change affects January - September 2010 RCS leakage data. Indicator color was not affected by this change.

Drill/Exercise Performance



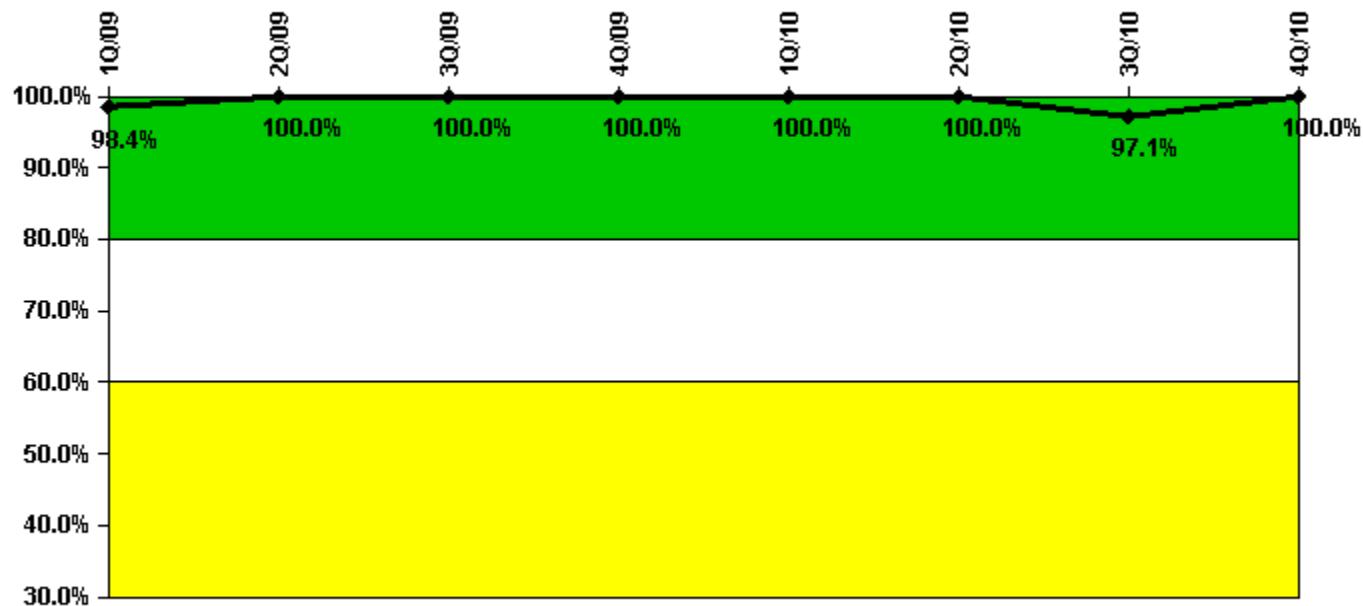
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Successful opportunities	46.0	33.0	36.0	34.0	41.0	39.0	6.0	8.0
Total opportunities	46.0	34.0	36.0	34.0	42.0	40.0	6.0	8.0
Indicator value	100.0%	99.6%	99.5%	99.6%	99.3%	99.0%	98.9%	98.8%

Licensee Comments: none

ERO Drill Participation



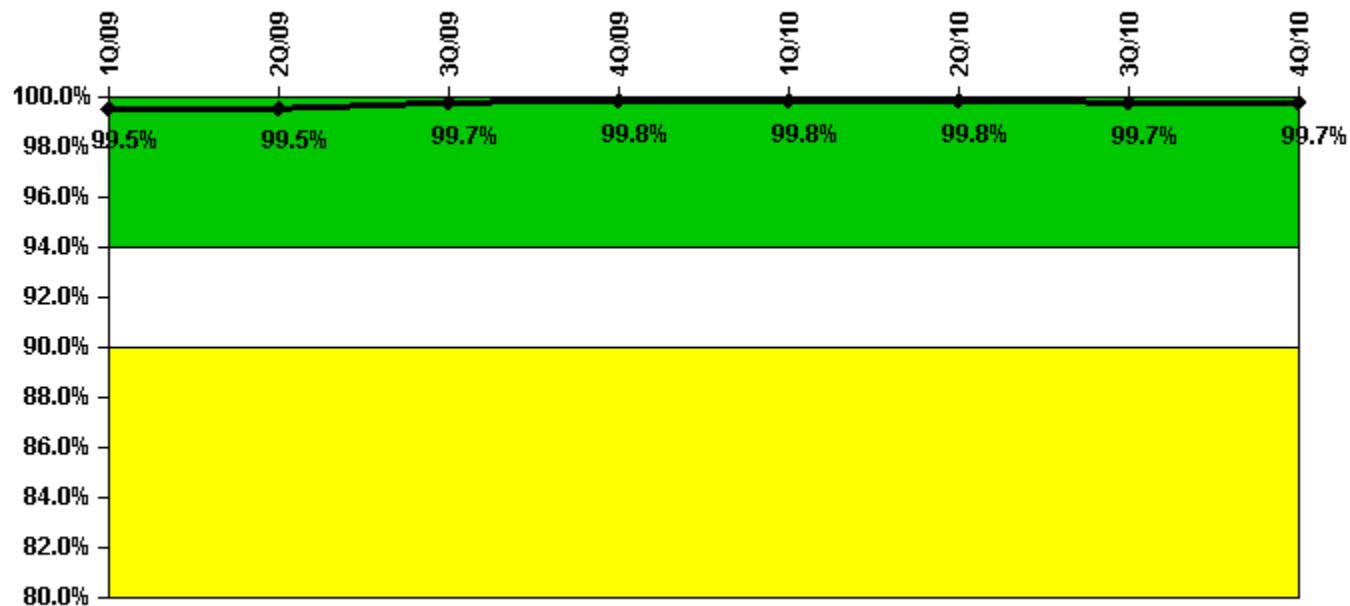
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Participating Key personnel	63.0	65.0	65.0	71.0	72.0	71.0	66.0	68.0
Total Key personnel	64.0	65.0	65.0	71.0	72.0	71.0	68.0	68.0
Indicator value	98.4%	100.0%	100.0%	100.0%	100.0%	100.0%	97.1%	100.0%

Licensee Comments: none

Alert & Notification System



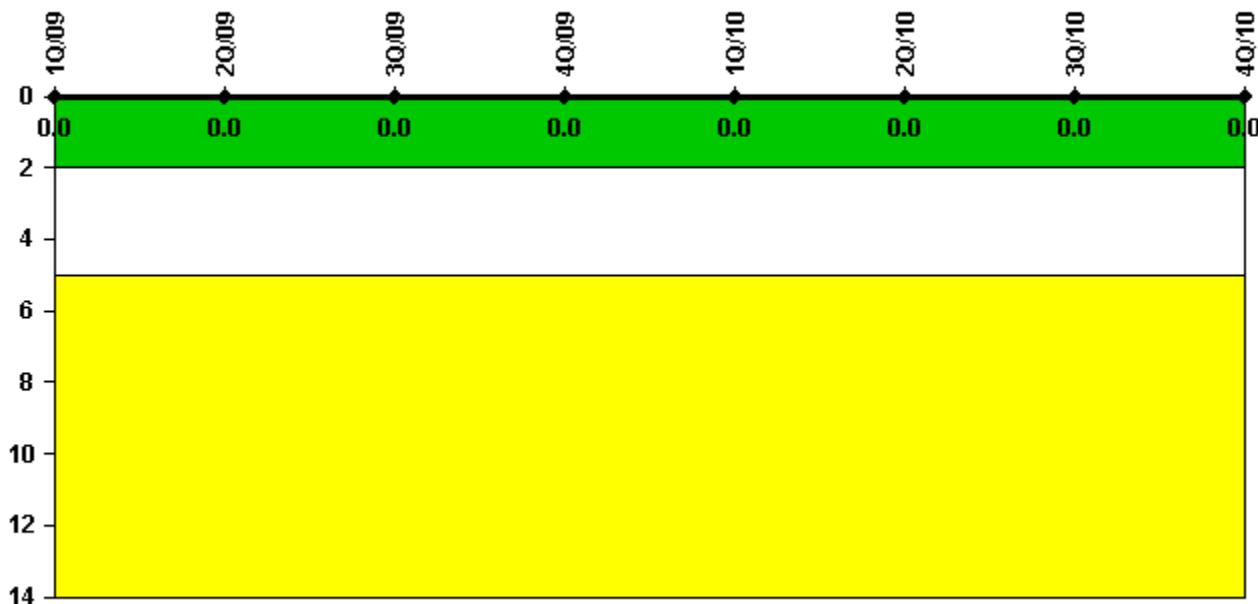
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Successful siren-tests	4900	4978	5064	4983	2893	2929	2979	2988
Total sirens-tests	4914	4992	5070	4992	2898	2944	2989	2990
Indicator value	99.5%	99.5%	99.7%	99.8%	99.8%	99.8%	99.7%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



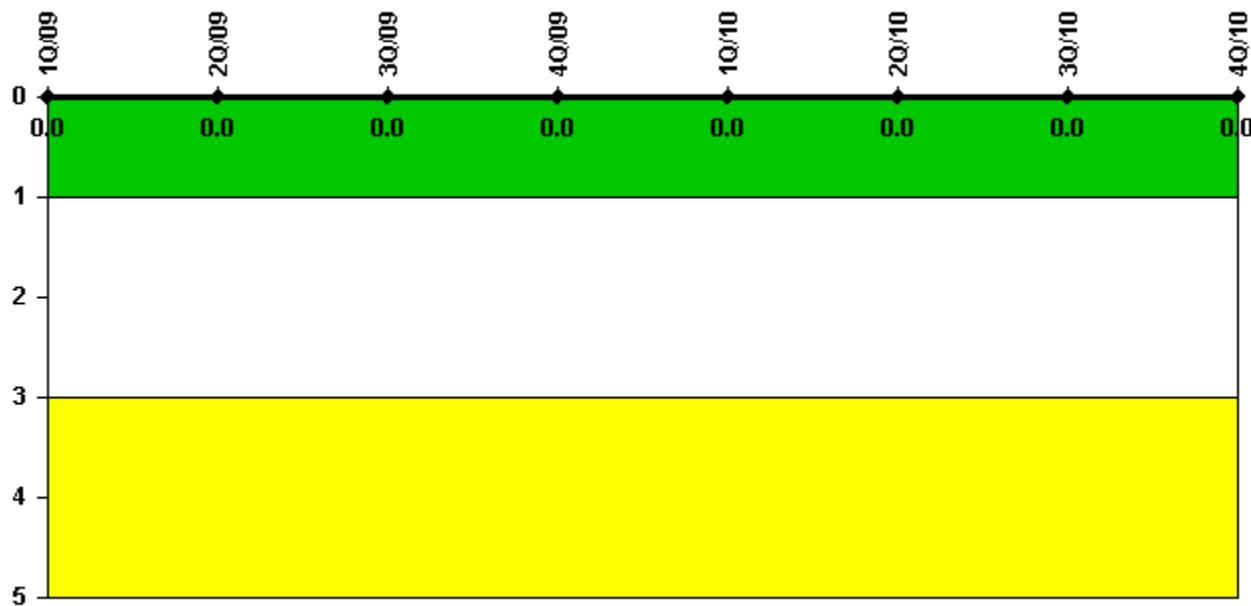
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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.

Dresden 2

1Q/2011 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



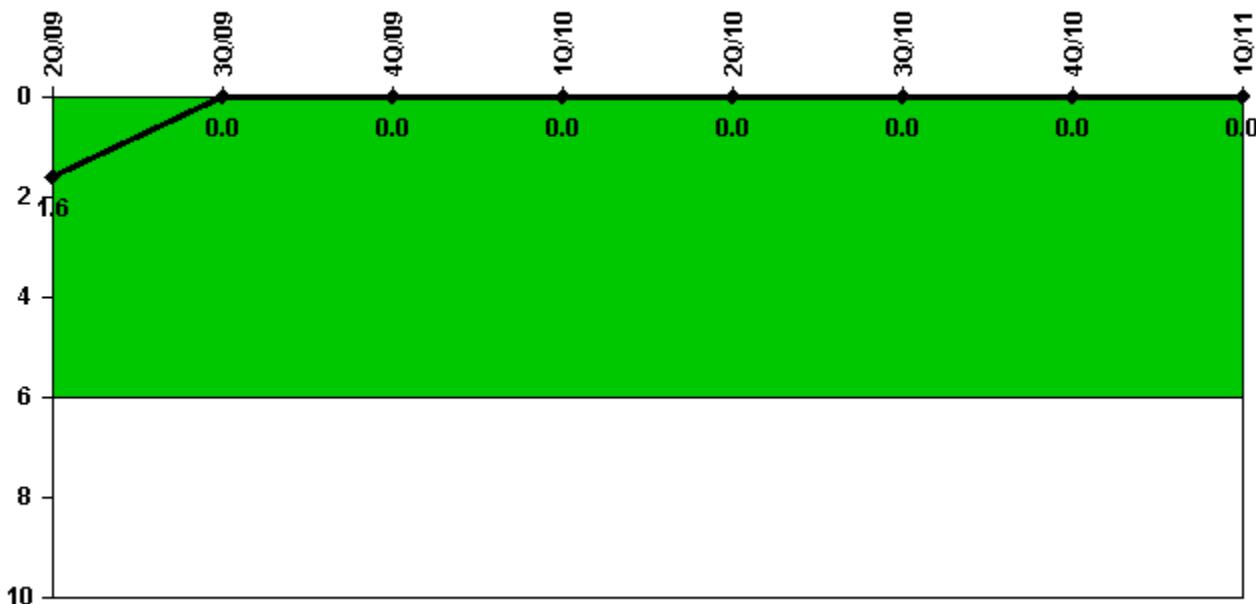
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	0	0	0	0
Critical hours	2184.0	2208.0	1508.4	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



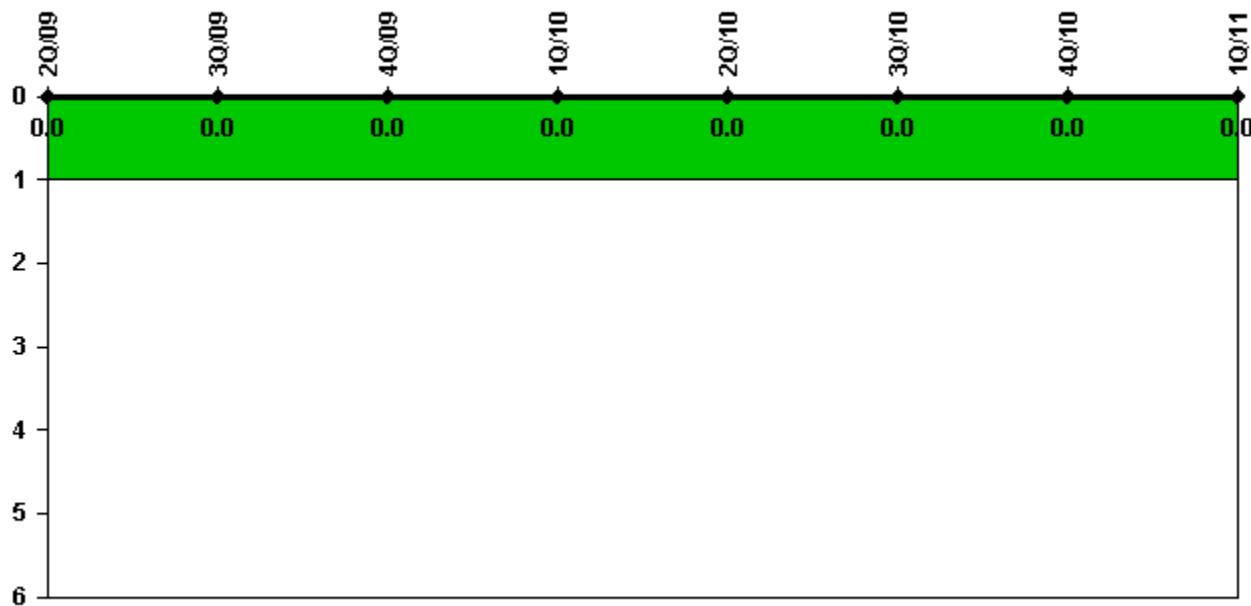
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2184.0	2208.0	1508.4	2159.0	2184.0	2208.0	2209.0	2159.0
Indicator value	1.6	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



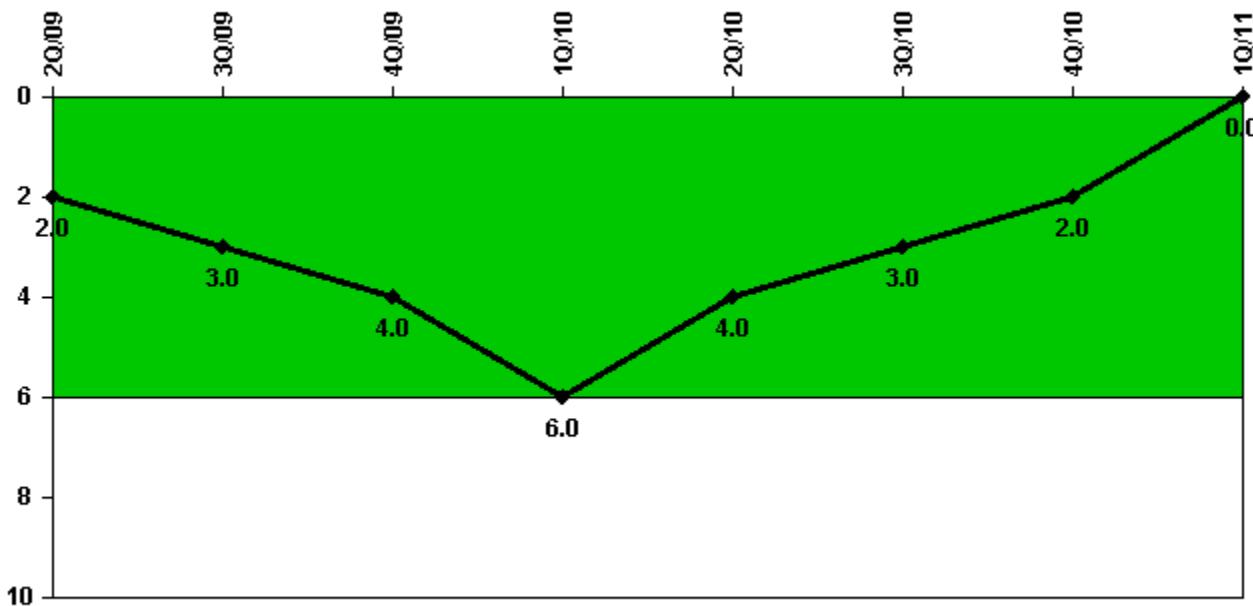
Thresholds: White > 1.0

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 (BWR)



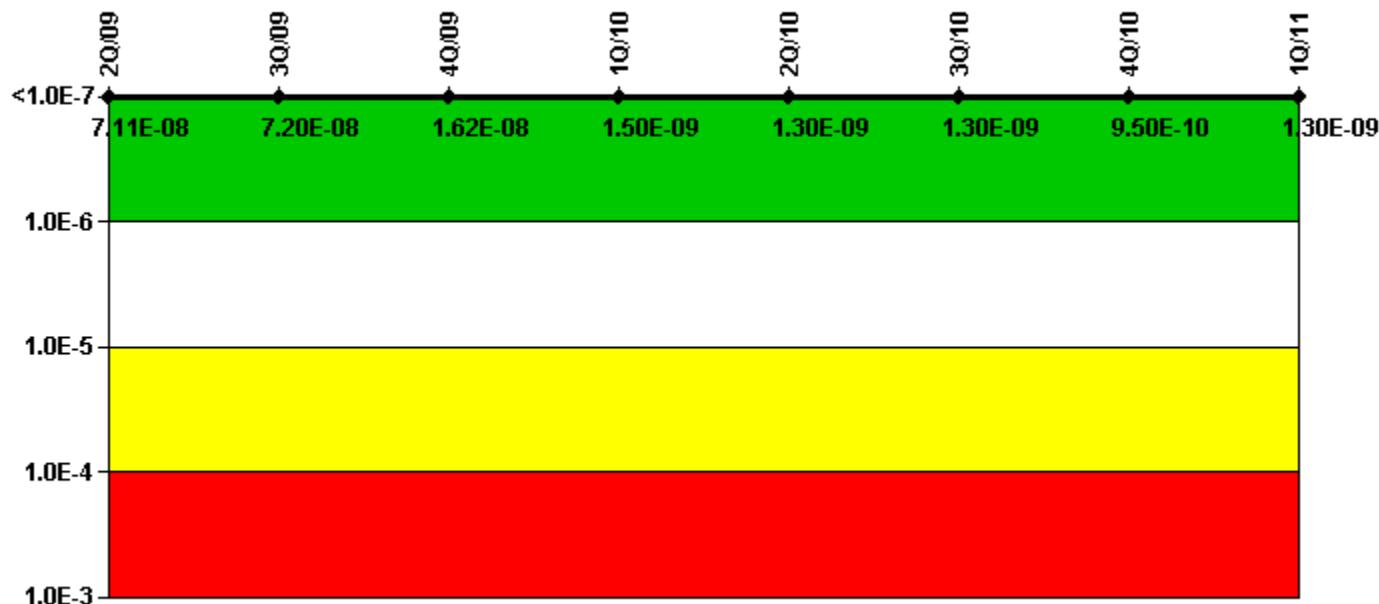
Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Safety System Functional Failures	2	1	1	2	0	0	0	0
Indicator value	2	3	4	6	4	3	2	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



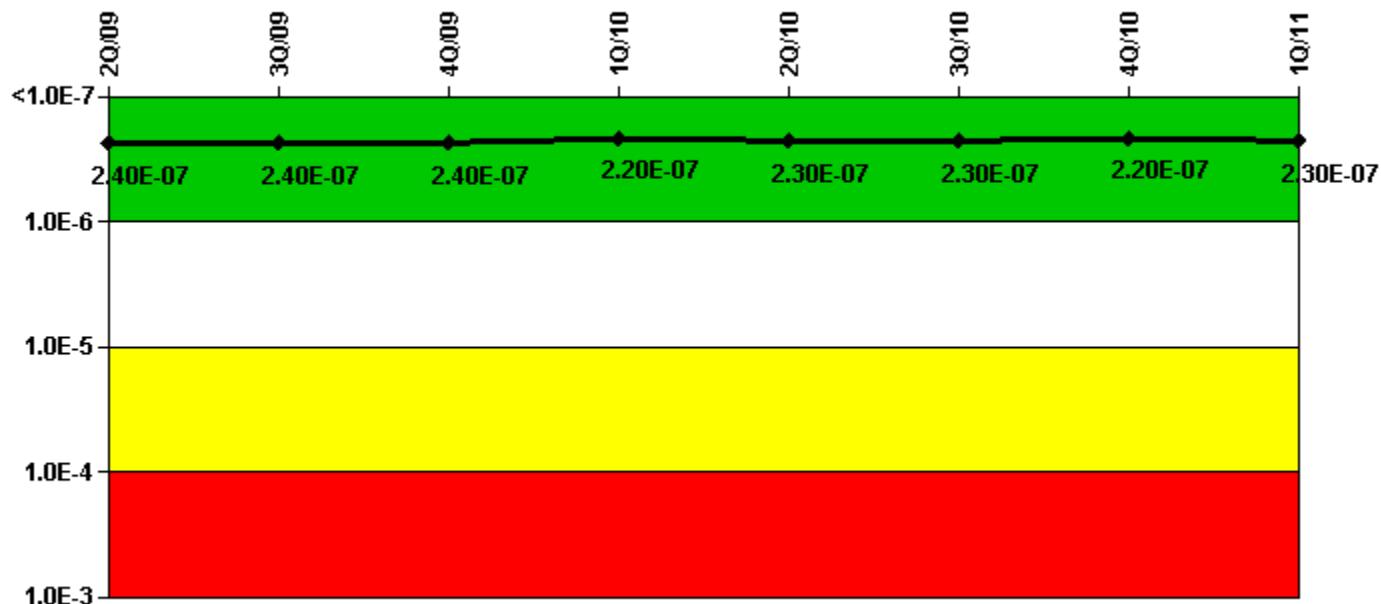
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (Δ CDF)	8.10E-09	9.00E-09	1.40E-08	8.87E-10	4.83E-10	5.52E-10	1.54E-10	5.88E-10
URI (Δ CDF)	6.30E-08	6.30E-08	2.20E-09	5.99E-10	7.94E-10	7.88E-10	7.98E-10	7.30E-10
PLE	NO							
Indicator value	7.11E-08	7.20E-08	1.62E-08	1.50E-09	1.30E-09	1.30E-09	9.50E-10	1.30E-09

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



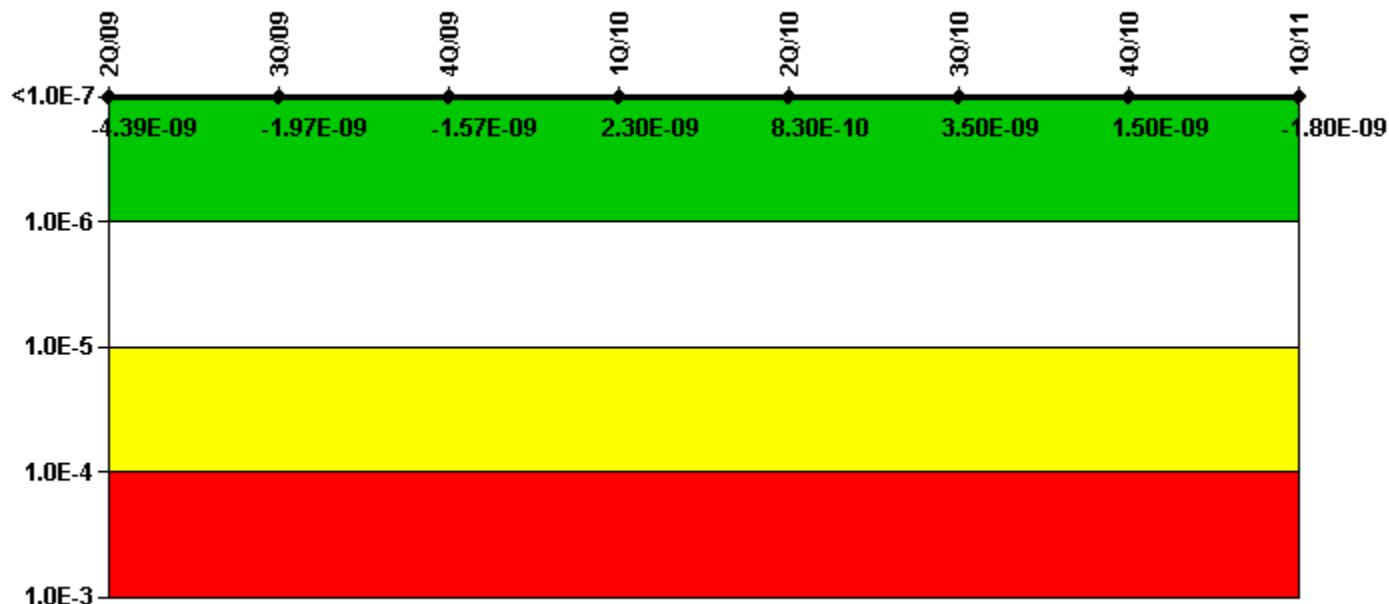
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (Δ CDF)	-4.00E-08	-4.00E-08	-4.00E-08	-3.63E-08	-3.63E-08	-3.63E-08	-3.65E-08	-3.65E-08
URI (Δ CDF)	2.80E-07	2.80E-07	2.80E-07	2.54E-07	2.61E-07	2.61E-07	2.61E-07	2.61E-07
PLE	NO							
Indicator value	2.40E-07	2.40E-07	2.40E-07	2.20E-07	2.30E-07	2.30E-07	2.20E-07	2.30E-07

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



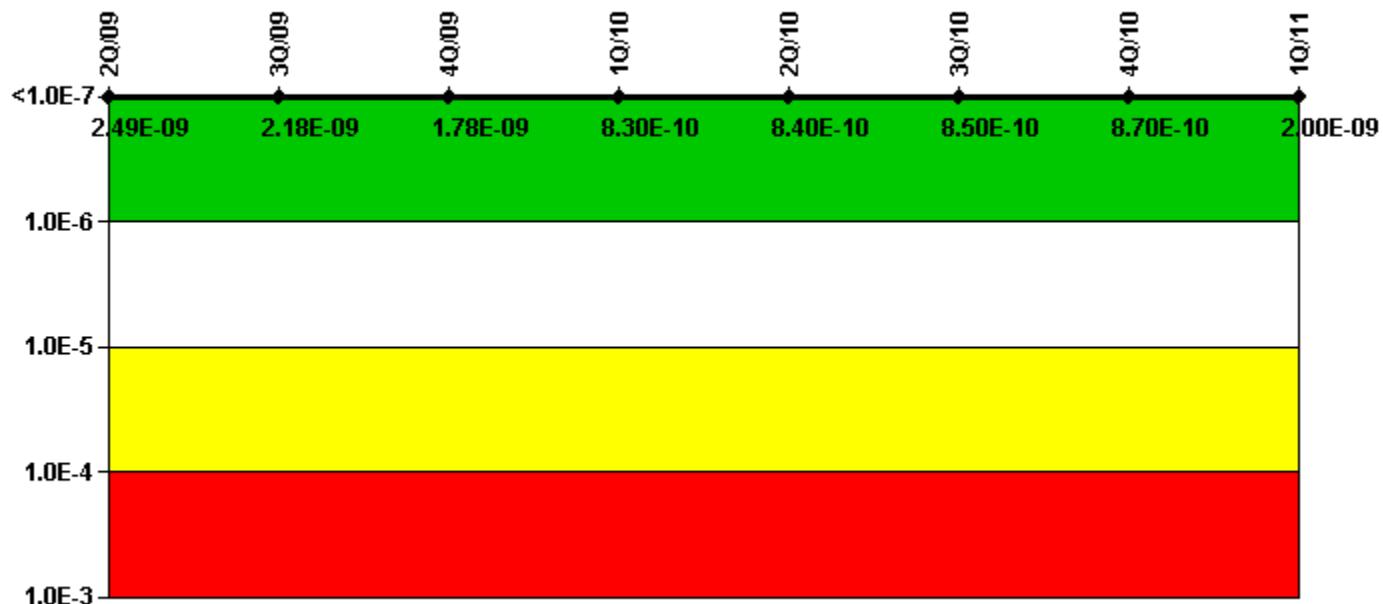
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (Δ CDF)	-4.30E-09	-1.90E-09	-1.50E-09	2.40E-09	9.29E-10	3.64E-09	1.59E-09	-1.72E-09
URI (Δ CDF)	-8.80E-11	-7.10E-11	-7.10E-11	-1.18E-10	-9.92E-11	-9.92E-11	-9.92E-11	-9.92E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.39E-09	-1.97E-09	-1.57E-09	2.30E-09	8.30E-10	3.50E-09	1.50E-09	-1.80E-09

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



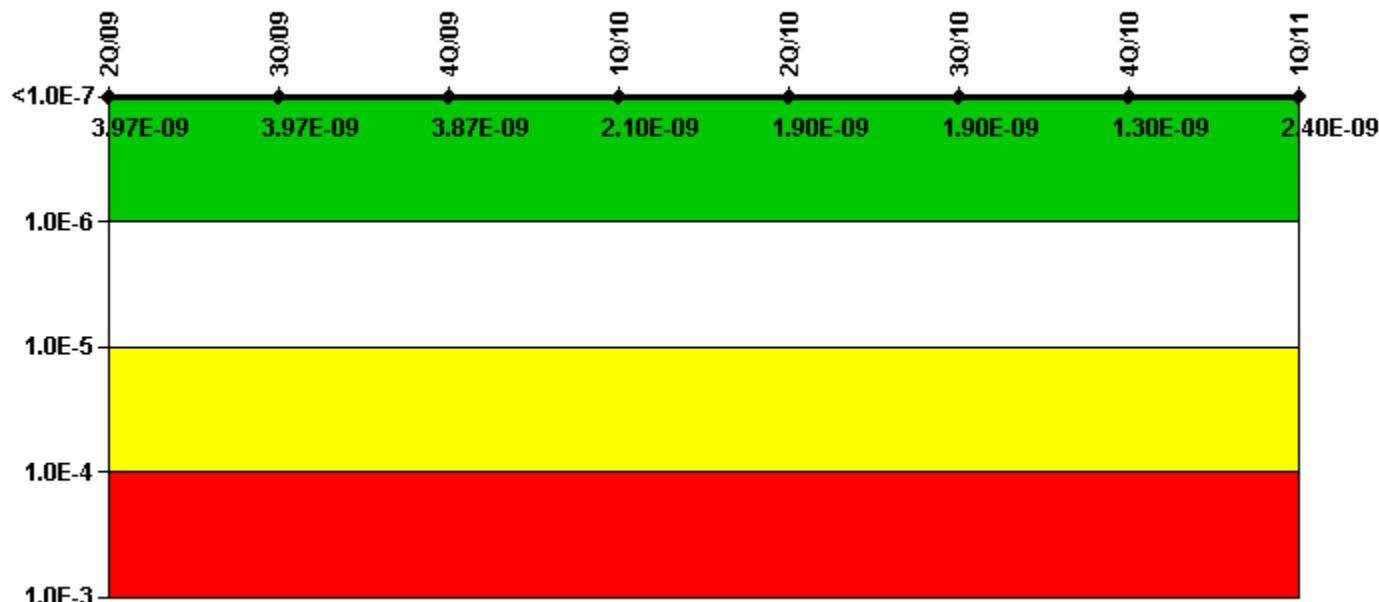
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (Δ CDF)	8.90E-10	8.80E-10	6.80E-10	-3.39E-10	-3.39E-10	-3.39E-10	-3.42E-10	7.42E-10
URI (Δ CDF)	1.60E-09	1.30E-09	1.10E-09	1.17E-09	1.18E-09	1.19E-09	1.21E-09	1.22E-09
PLE	NO							
Indicator value	2.49E-09	2.18E-09	1.78E-09	8.30E-10	8.40E-10	8.50E-10	8.70E-10	2.00E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



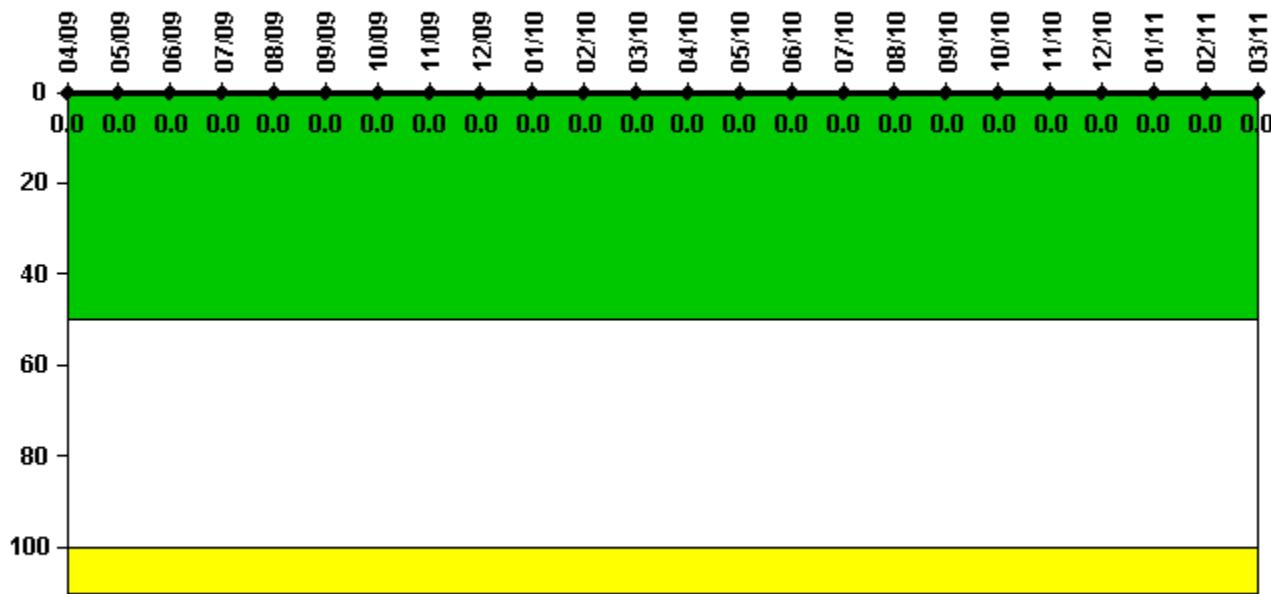
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	4.00E-09	4.00E-09	3.90E-09	2.09E-09	1.90E-09	1.90E-09	1.28E-09	2.37E-09
URI (Δ CDF)	-2.70E-11	-2.90E-11	-3.00E-11	-1.56E-11	-1.56E-11	-1.57E-11	-1.56E-11	-1.56E-11
PLE	NO							
Indicator value	3.97E-09	3.97E-09	3.87E-09	2.10E-09	1.90E-09	1.90E-09	1.30E-09	2.40E-09

Licensee Comments: none

Reactor Coolant System Activity



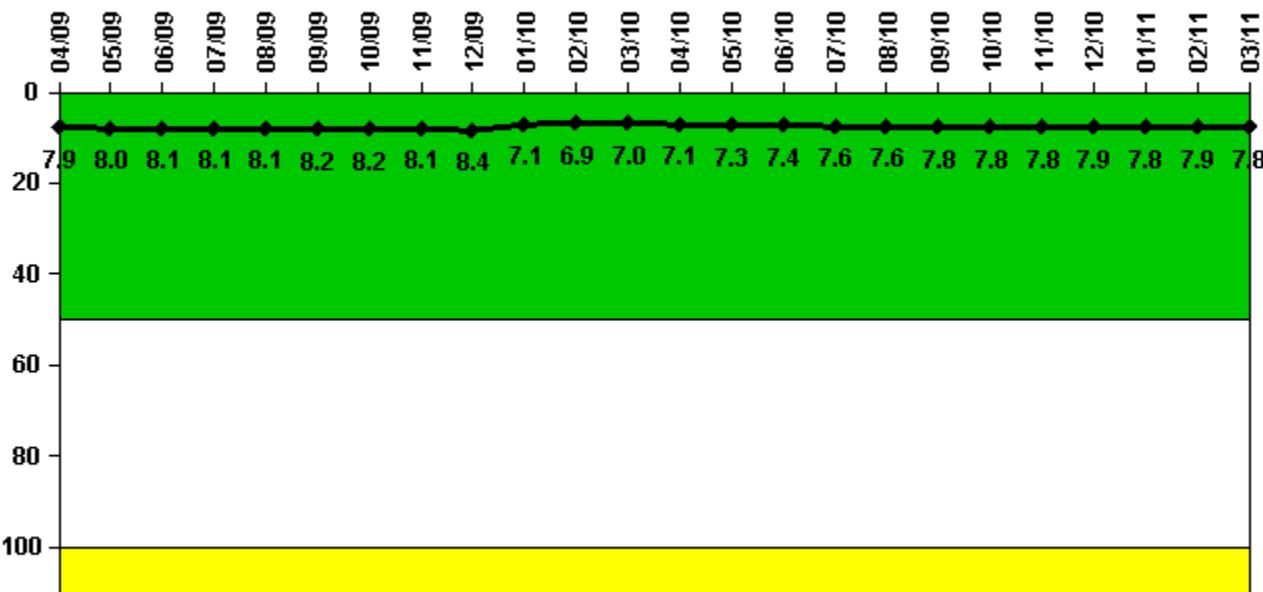
Thresholds: White > 50.0 Yellow > 100.0

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	0.000003	0.000003	0.000003	0.000003	0.000003	0.000003	0.000003	0.000009	0.000003	0.000003	0.000002	0.000003
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
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	0.000002	0.000003	0.000003	0.000003	0.000003	0.000003	0.000004	0.000003	0.000004	0.000004	0.000004	0.000005
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



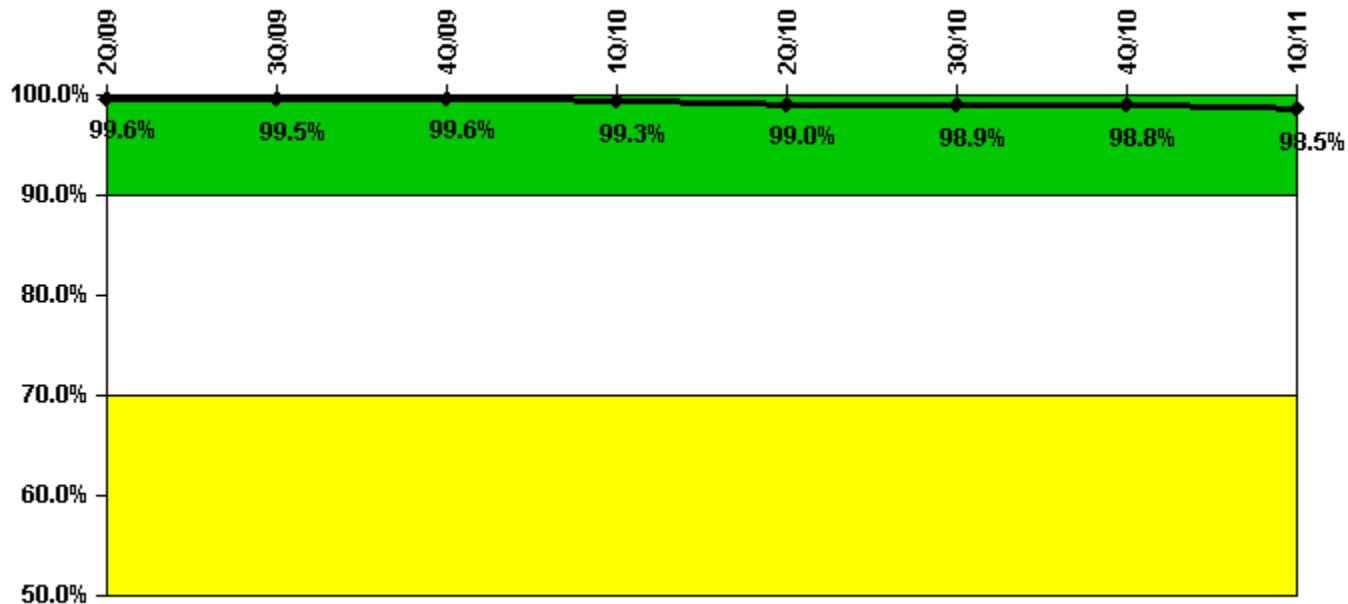
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10
Maximum leakage	1.975	1.992	2.015	2.017	2.023	2.042	2.040	2.018	2.100	1.778	1.727	1.755
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	7.9	8.0	8.1	8.1	8.1	8.2	8.2	8.1	8.4	7.1	6.9	7.0
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	1.785	1.820	1.852	1.893	1.910	1.943	1.955	1.947	1.972	1.957	1.973	1.950
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	7.1	7.3	7.4	7.6	7.6	7.8	7.8	7.8	7.9	7.8	7.9	7.8

Licensee Comments: none

Drill/Exercise Performance



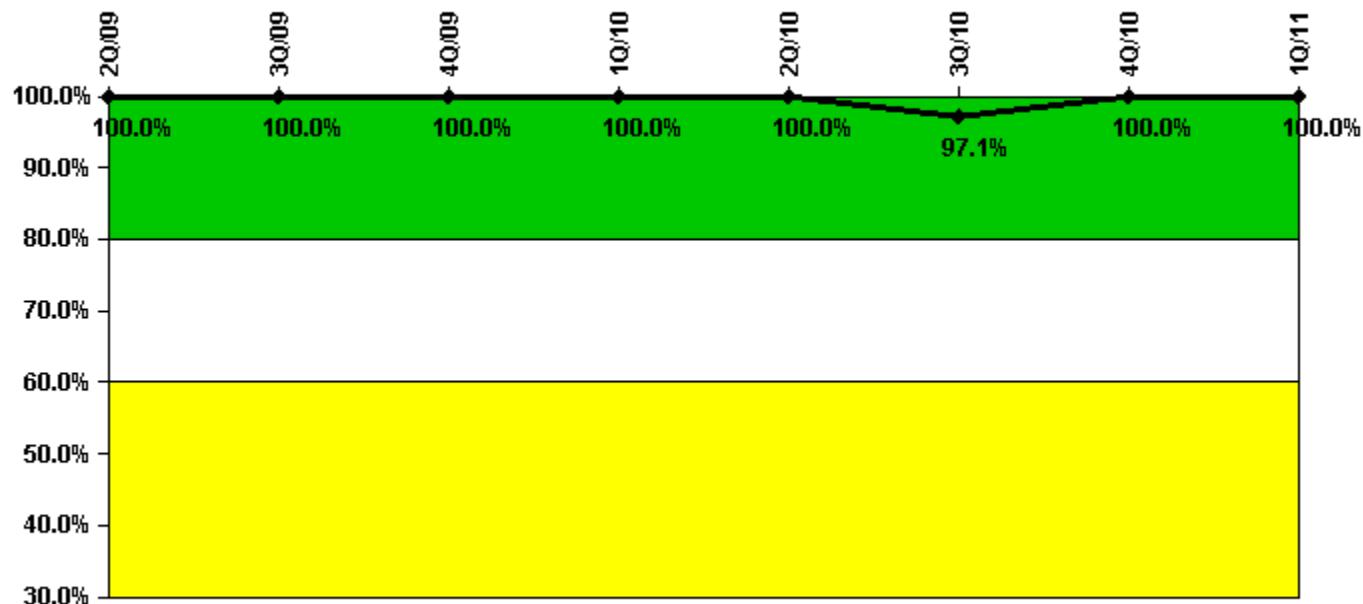
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Successful opportunities	33.0	36.0	34.0	41.0	39.0	6.0	8.0	63.0
Total opportunities	34.0	36.0	34.0	42.0	40.0	6.0	8.0	64.0
Indicator value	99.6%	99.5%	99.6%	99.3%	99.0%	98.9%	98.8%	98.5%

Licensee Comments: none

ERO Drill Participation



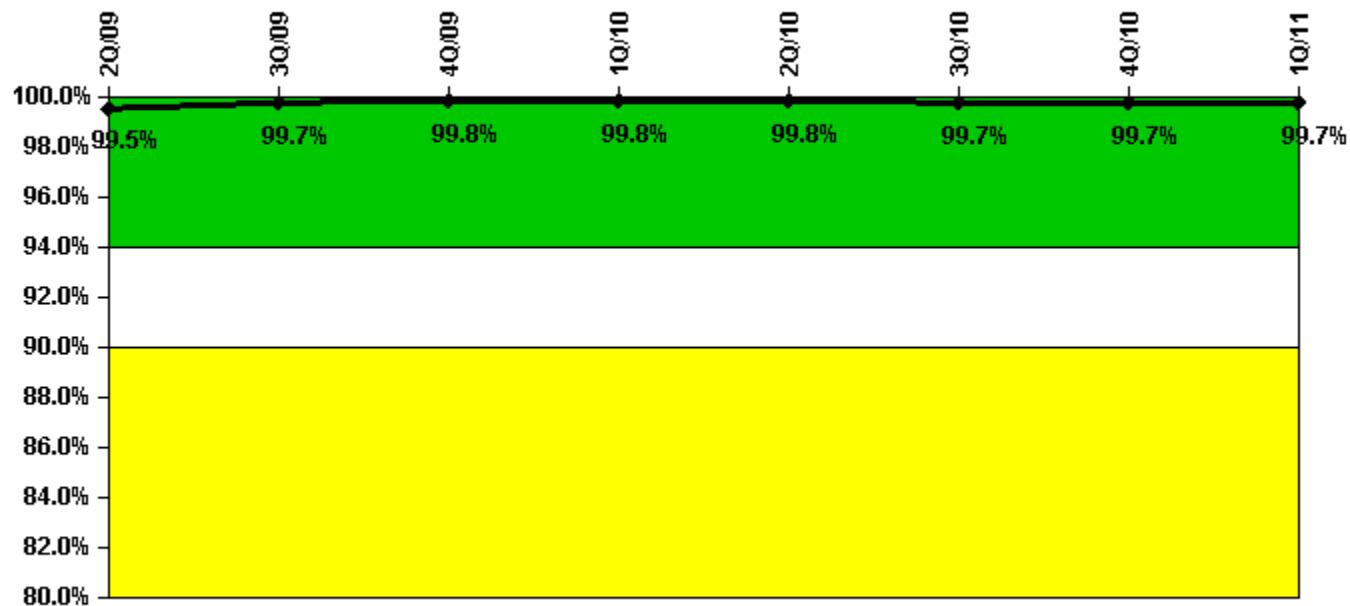
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Participating Key personnel	65.0	65.0	71.0	72.0	71.0	66.0	68.0	70.0
Total Key personnel	65.0	65.0	71.0	72.0	71.0	68.0	68.0	70.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	97.1%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



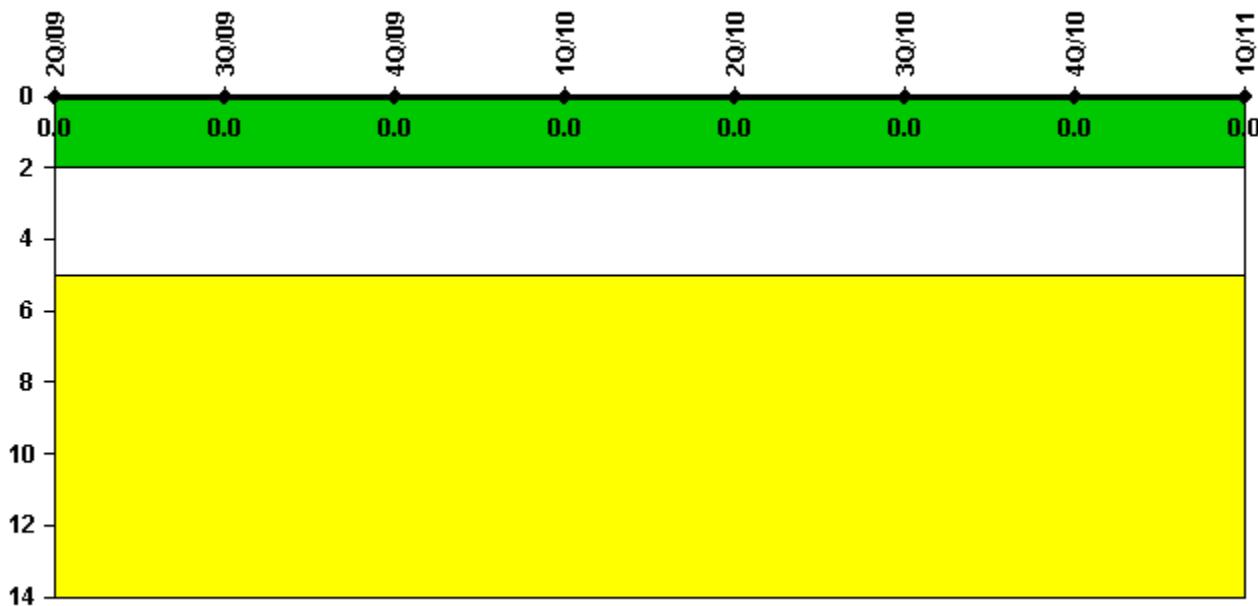
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Successful siren-tests	4978	5064	4983	2893	2929	2979	2988	2940
Total sirens-tests	4992	5070	4992	2898	2944	2990	2990	2944
Indicator value	99.5%	99.7%	99.8%	99.8%	99.8%	99.7%	99.7%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



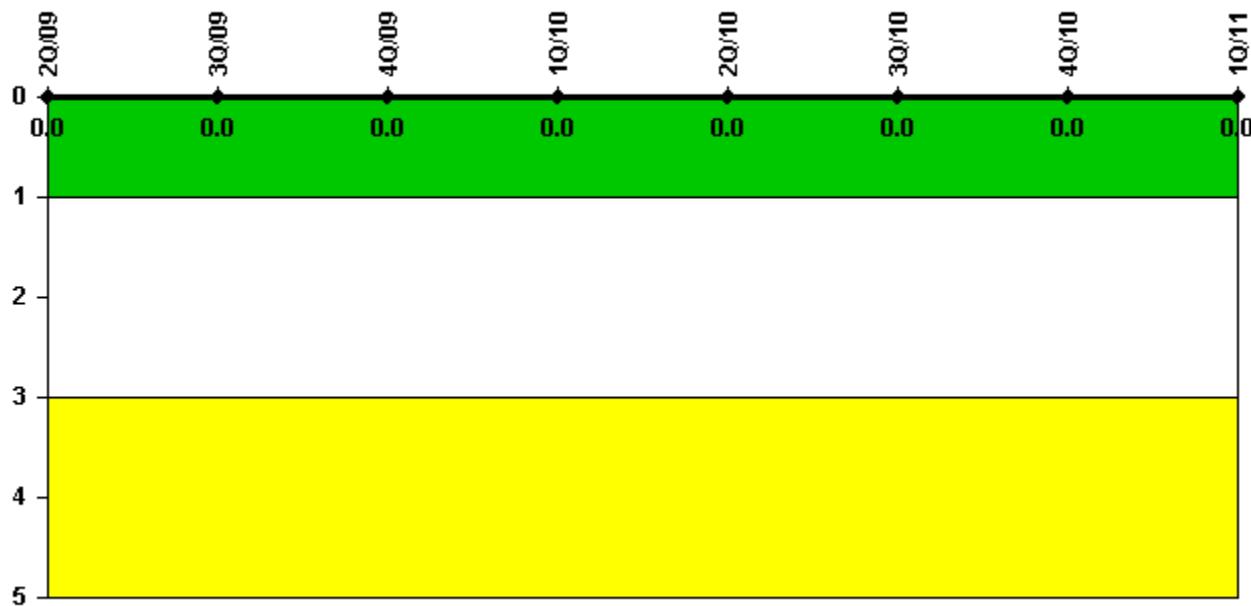
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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.

Dresden 2

2Q/2011 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



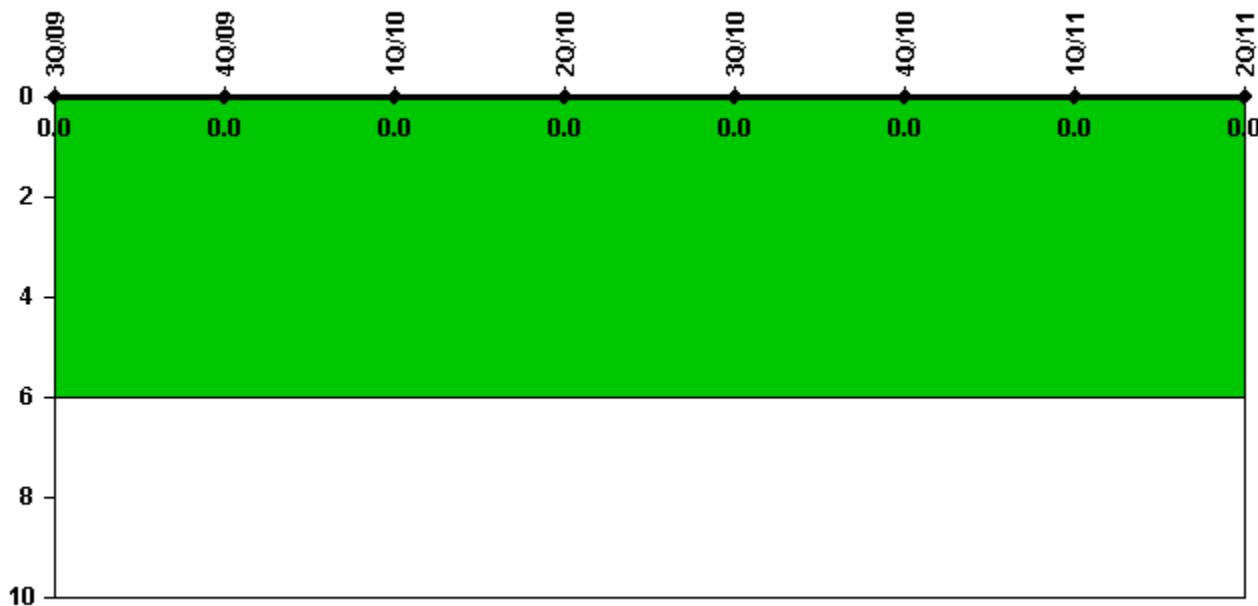
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2208.0	1508.4	2159.0	2184.0	2208.0	2209.0	2159.0	2184.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



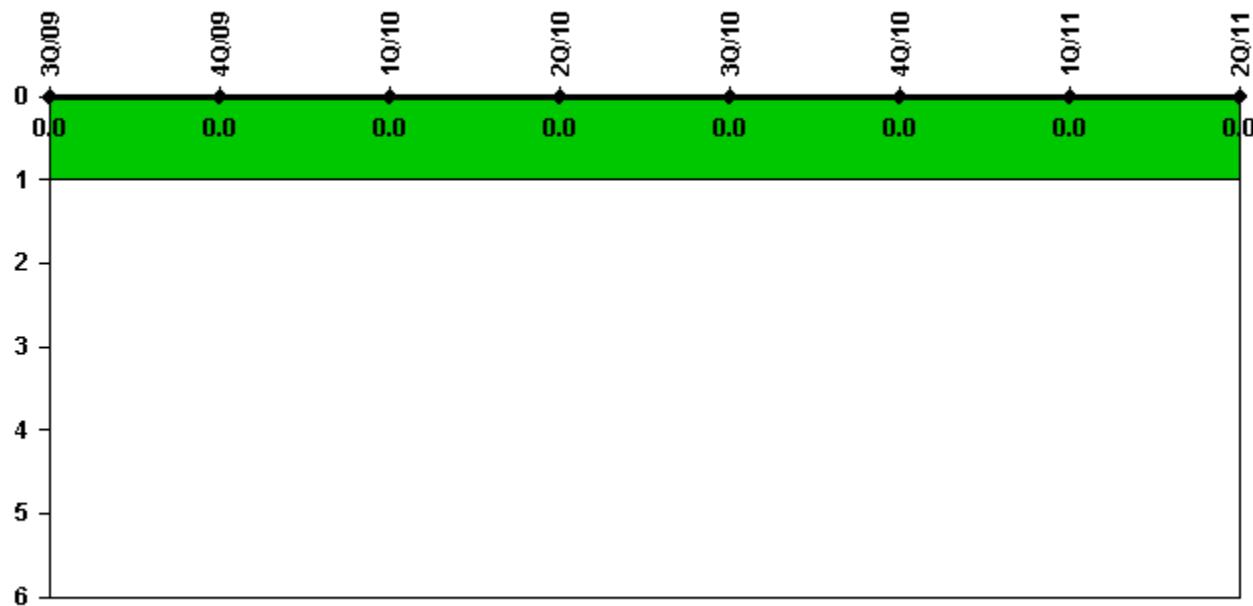
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2208.0	1508.4	2159.0	2184.0	2208.0	2209.0	2159.0	2184.0
Indicator value	0							

Licensee Comments: none

Unplanned Scrams with Complications



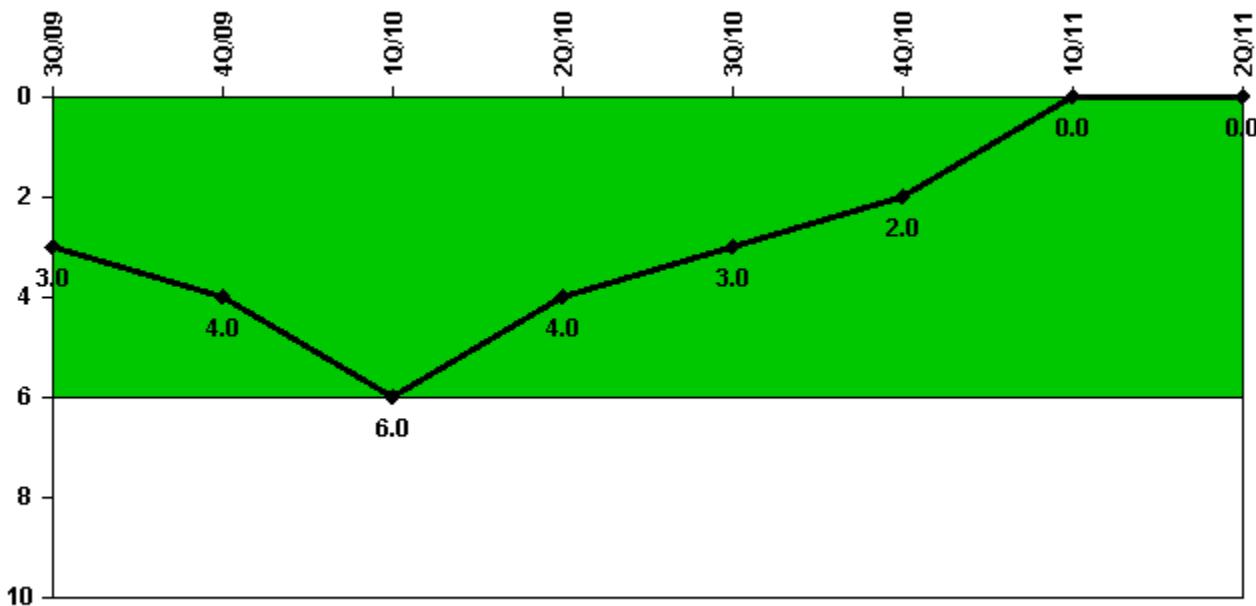
Thresholds: White > 1.0

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 (BWR)



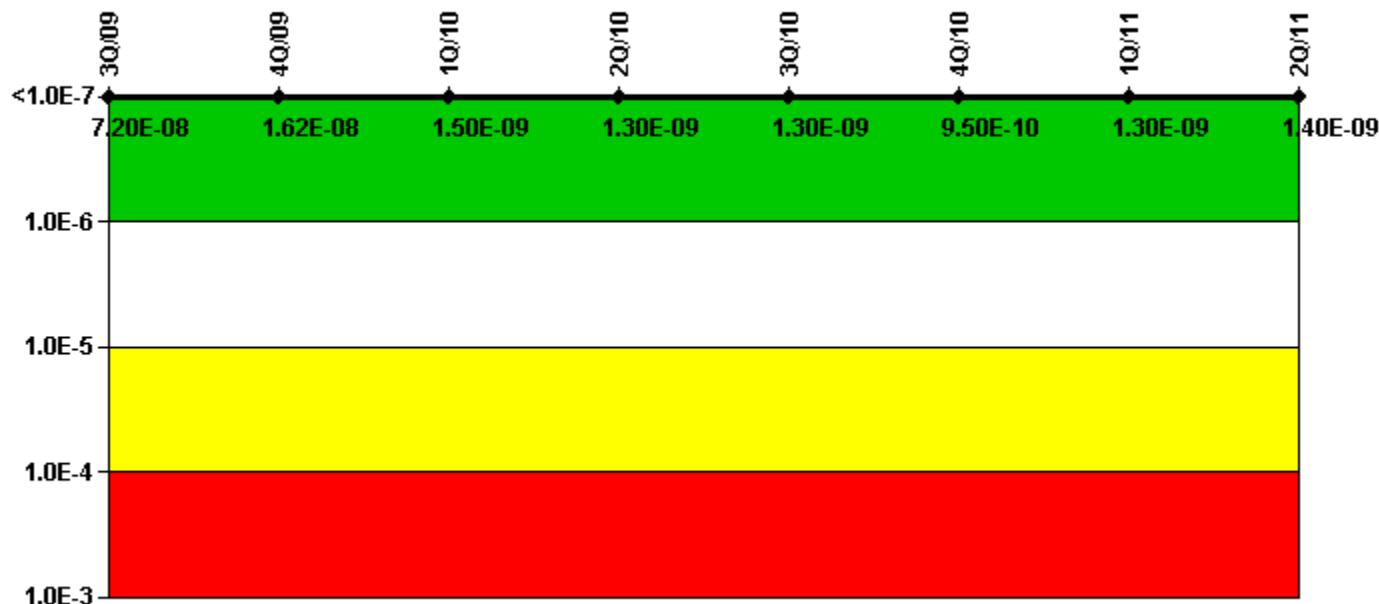
Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Safety System Functional Failures	1	1	2	0	0	0	0	0
Indicator value	3	4	6	4	3	2	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



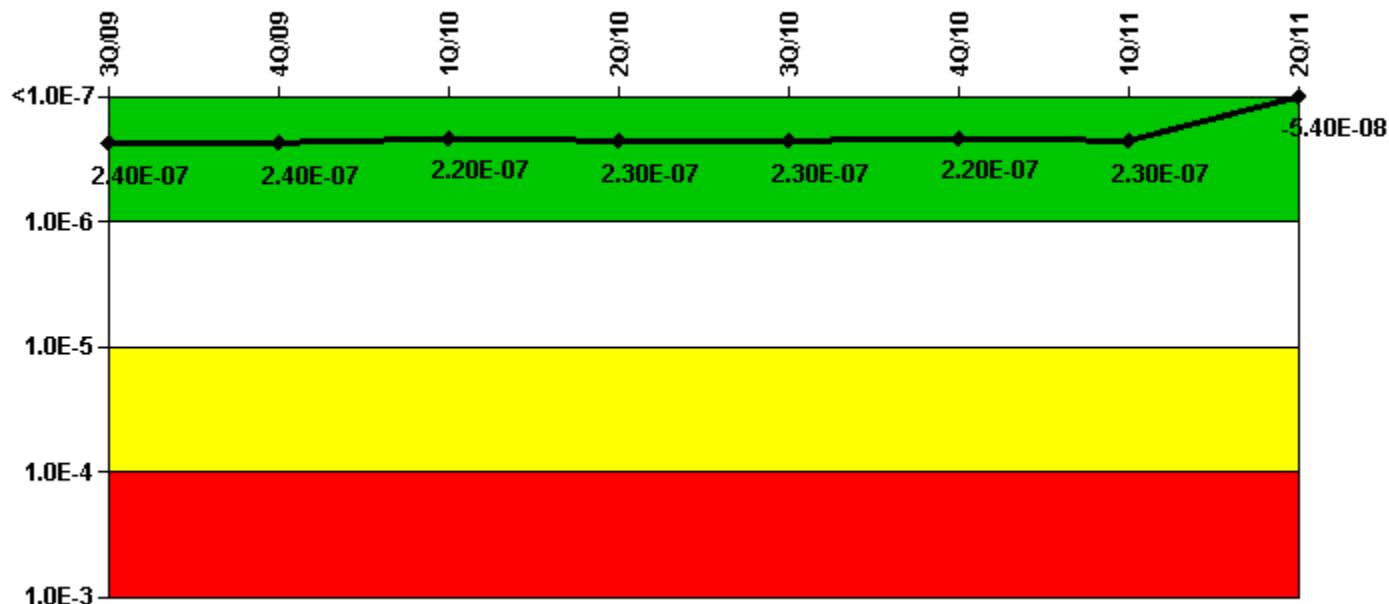
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (Δ CDF)	9.00E-09	1.40E-08	8.87E-10	4.83E-10	5.52E-10	1.54E-10	5.88E-10	8.60E-10
URI (Δ CDF)	6.30E-08	2.20E-09	5.99E-10	7.94E-10	7.88E-10	7.98E-10	7.30E-10	5.38E-10
PLE	NO							
Indicator value	7.20E-08	1.62E-08	1.50E-09	1.30E-09	1.30E-09	9.50E-10	1.30E-09	1.40E-09

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



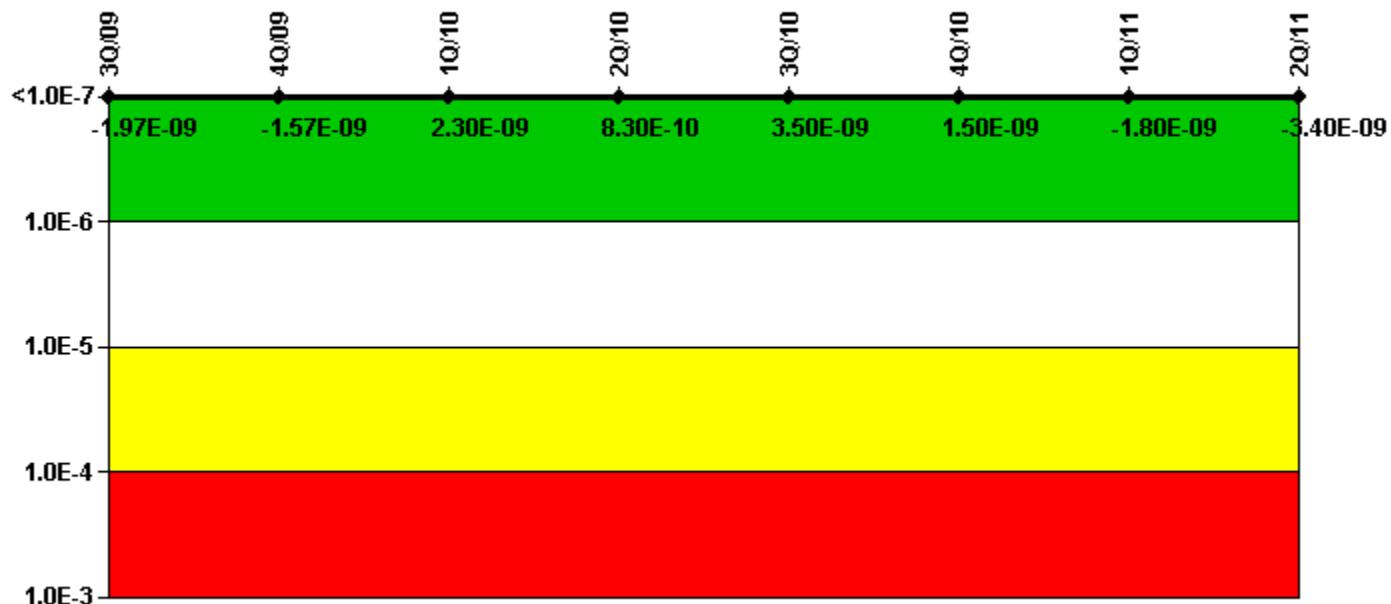
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (Δ CDF)	-4.00E-08	-4.00E-08	-3.63E-08	-3.63E-08	-3.63E-08	-3.65E-08	-3.65E-08	-4.68E-08
URI (Δ CDF)	2.80E-07	2.80E-07	2.54E-07	2.61E-07	2.61E-07	2.61E-07	2.61E-07	-7.66E-09
PLE	NO							
Indicator value	2.40E-07	2.40E-07	2.20E-07	2.30E-07	2.30E-07	2.20E-07	2.30E-07	-5.40E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



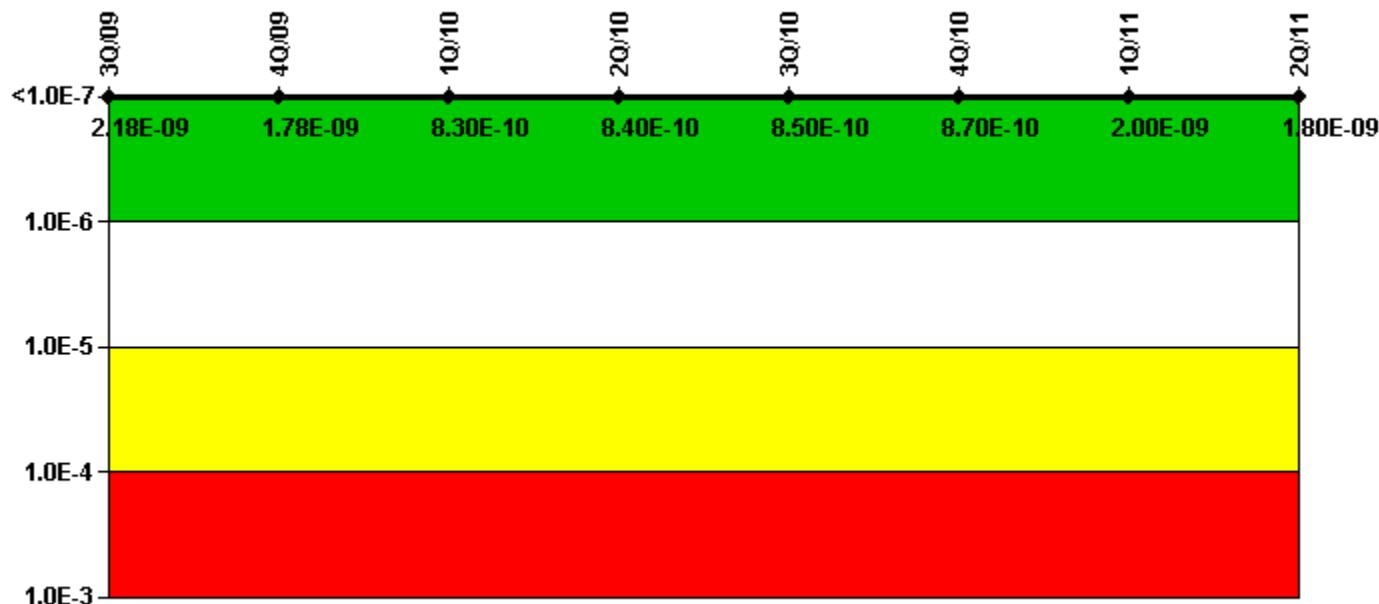
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	-1.90E-09	-1.50E-09	2.40E-09	9.29E-10	3.64E-09	1.59E-09	-1.72E-09	-3.31E-09
URI (Δ CDF)	-7.10E-11	-7.10E-11	-1.18E-10	-9.92E-11	-9.92E-11	-9.92E-11	-9.92E-11	-9.92E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.97E-09	-1.57E-09	2.30E-09	8.30E-10	3.50E-09	1.50E-09	-1.80E-09	-3.40E-09

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



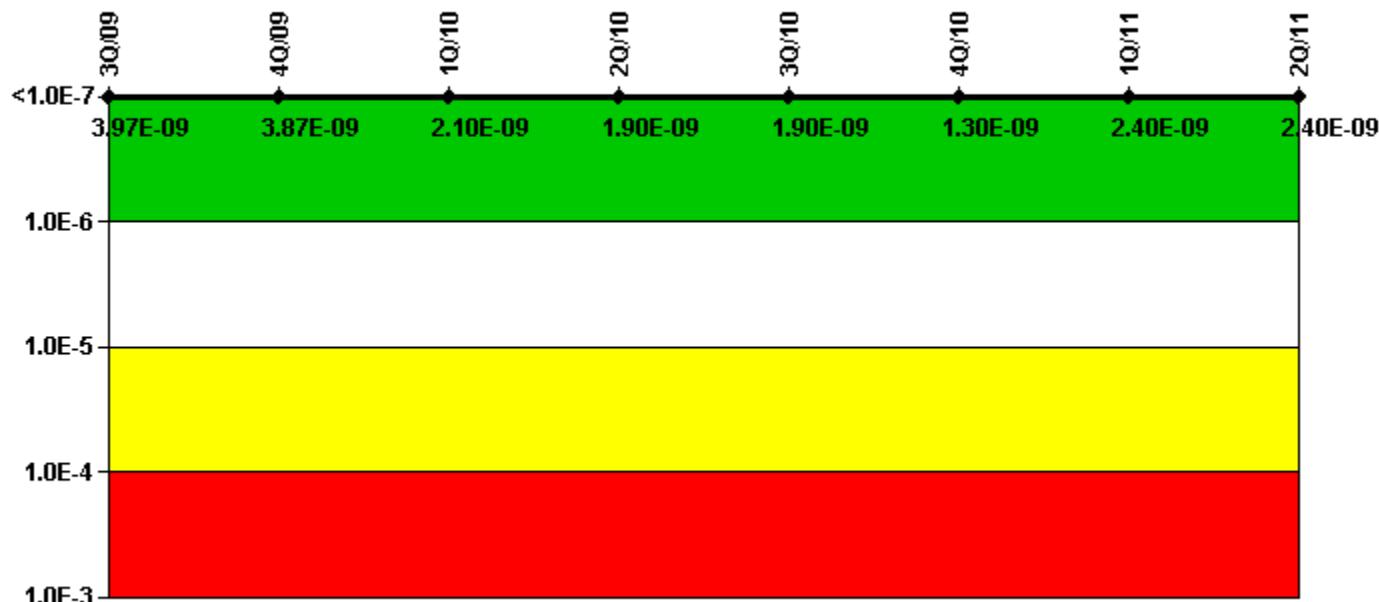
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (Δ CDF)	8.80E-10	6.80E-10	-3.39E-10	-3.39E-10	-3.39E-10	-3.42E-10	7.42E-10	5.85E-10
URI (Δ CDF)	1.30E-09	1.10E-09	1.17E-09	1.18E-09	1.19E-09	1.21E-09	1.22E-09	1.24E-09
PLE	NO							
Indicator value	2.18E-09	1.78E-09	8.30E-10	8.40E-10	8.50E-10	8.70E-10	2.00E-09	1.80E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



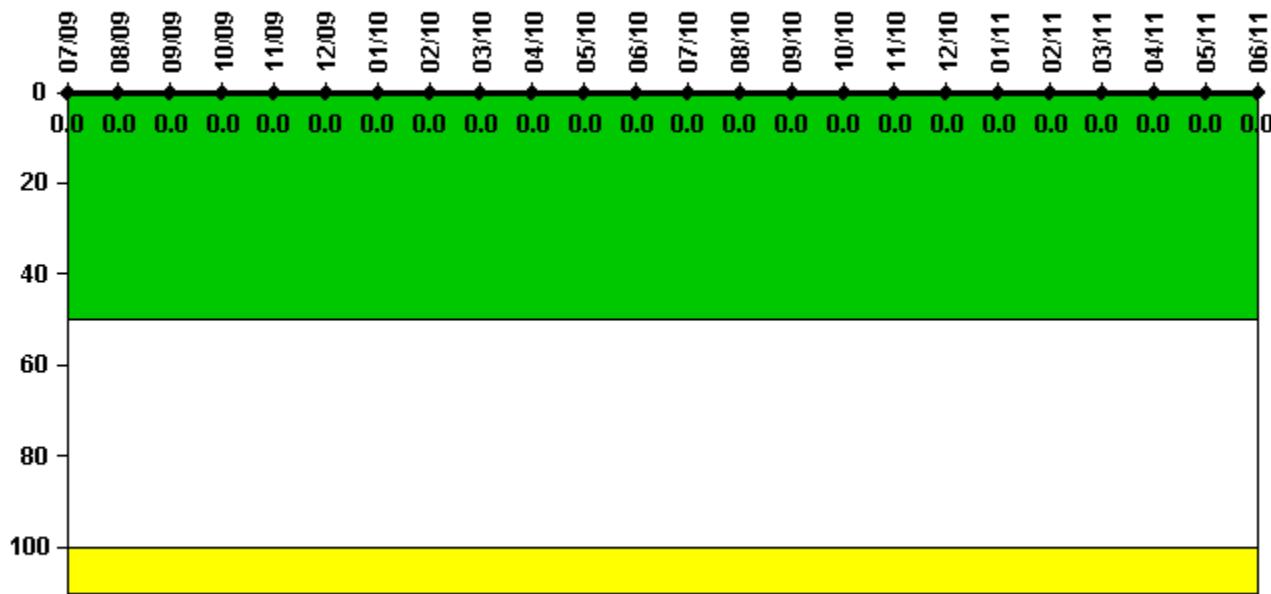
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	4.00E-09	3.90E-09	2.09E-09	1.90E-09	1.90E-09	1.28E-09	2.37E-09	2.44E-09
URI (Δ CDF)	-2.90E-11	-3.00E-11	-1.56E-11	-1.56E-11	-1.57E-11	-1.56E-11	-1.56E-11	-1.50E-11
PLE	NO							
Indicator value	3.97E-09	3.87E-09	2.10E-09	1.90E-09	1.90E-09	1.30E-09	2.40E-09	2.40E-09

Licensee Comments: none

Reactor Coolant System Activity



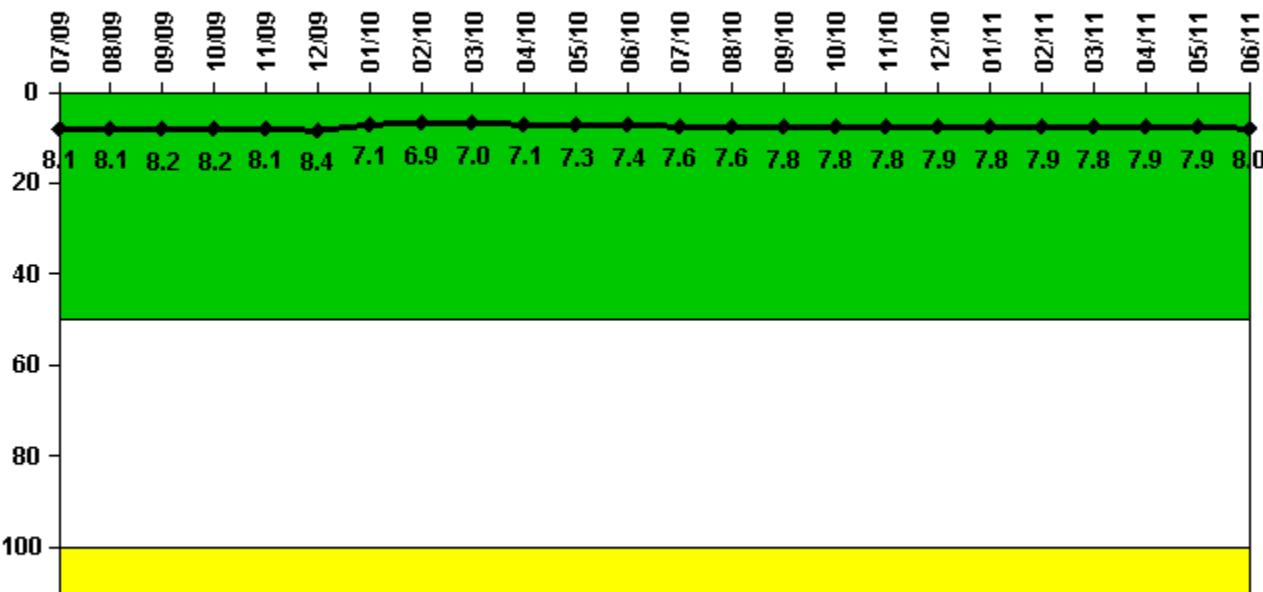
Thresholds: White > 50.0 Yellow > 100.0

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	0.000003	0.000003	0.000003	0.000003	0.000009	0.000003	0.000003	0.000002	0.000003	0.000002	0.000003	0.000003
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	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	0.000003	0.000003	0.000003	0.000004	0.000003	0.000004	0.000004	0.000004	0.000005	0.000005	0.000005	0.000005
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



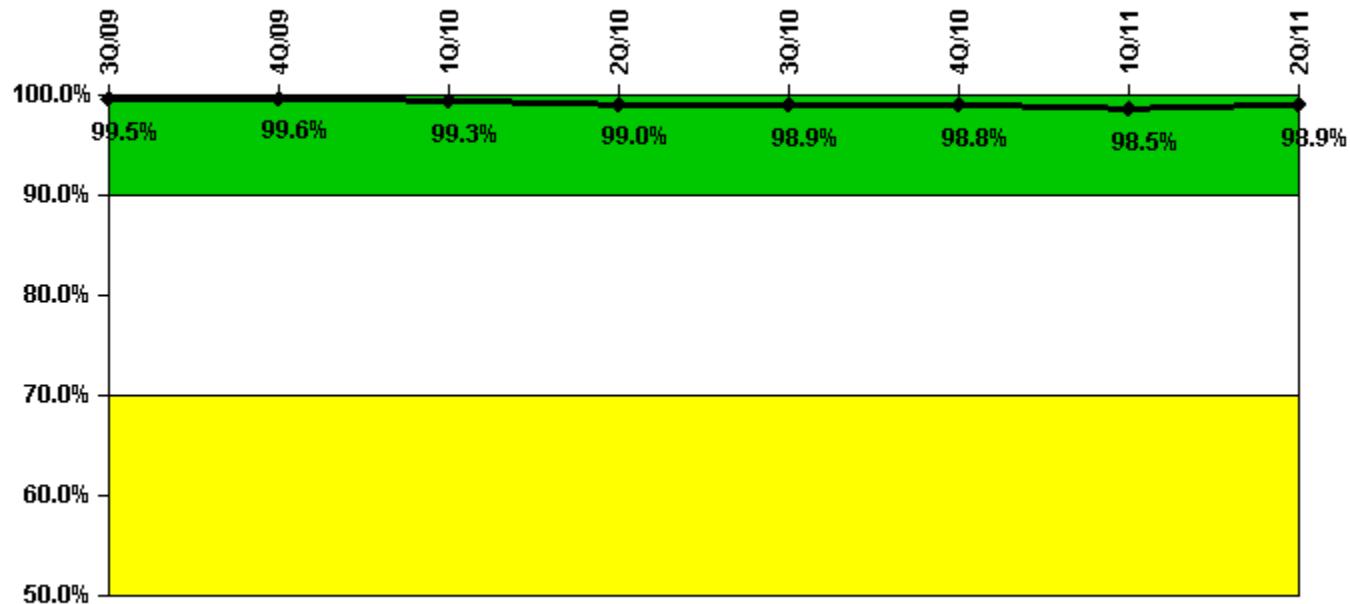
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10	4/10	5/10	6/10
Maximum leakage	2.017	2.023	2.042	2.040	2.018	2.100	1.778	1.727	1.755	1.785	1.820	1.852
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	8.1	8.1	8.2	8.2	8.1	8.4	7.1	6.9	7.0	7.1	7.3	7.4
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	1.893	1.910	1.943	1.955	1.947	1.972	1.957	1.973	1.950	1.965	1.977	1.988
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	7.6	7.6	7.8	7.8	7.8	7.9	7.8	7.9	7.8	7.9	7.9	8.0

Licensee Comments: none

Drill/Exercise Performance



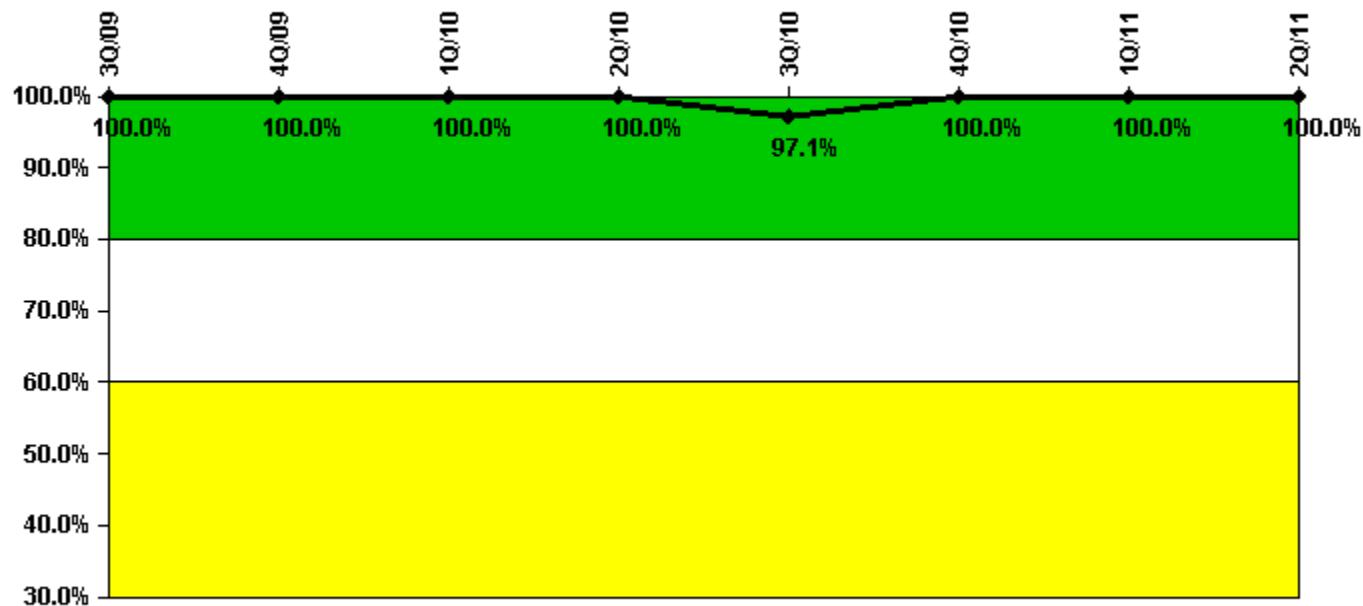
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Successful opportunities	36.0	34.0	41.0	39.0	6.0	8.0	63.0	46.0
Total opportunities	36.0	34.0	42.0	40.0	6.0	8.0	64.0	46.0
Indicator value	99.5%	99.6%	99.3%	99.0%	98.9%	98.8%	98.5%	98.9%

Licensee Comments: none

ERO Drill Participation



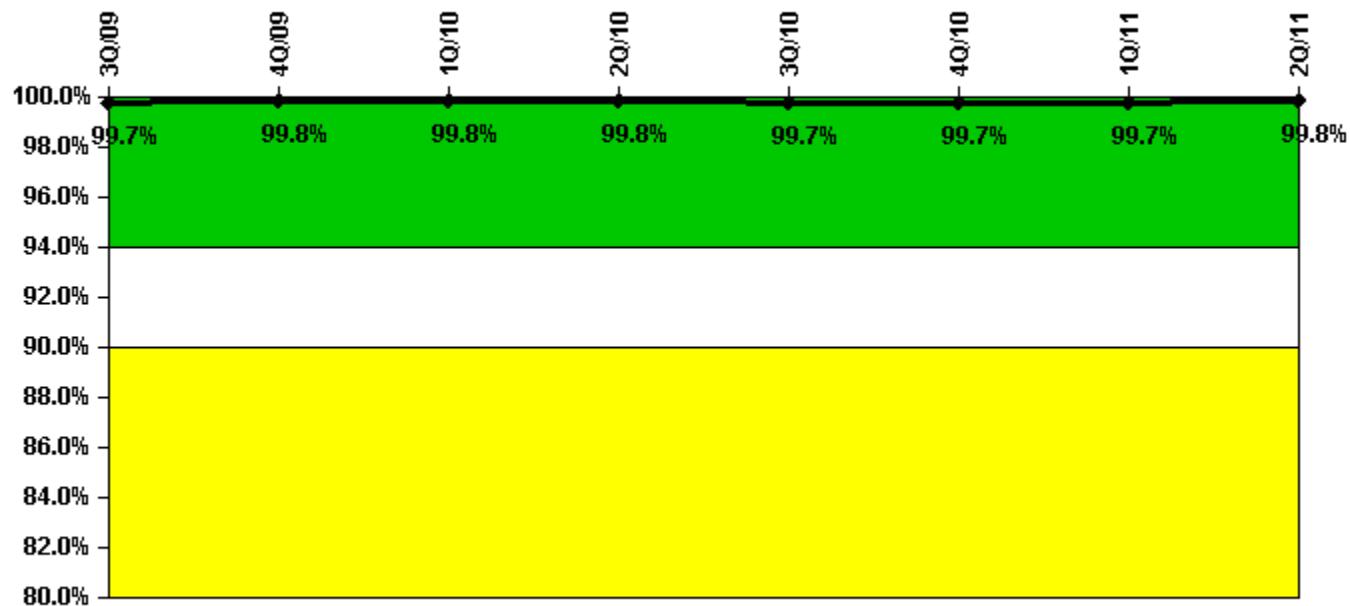
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Participating Key personnel	65.0	71.0	72.0	71.0	66.0	68.0	70.0	71.0
Total Key personnel	65.0	71.0	72.0	71.0	68.0	68.0	70.0	71.0
Indicator value	100.0%	100.0%	100.0%	100.0%	97.1%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



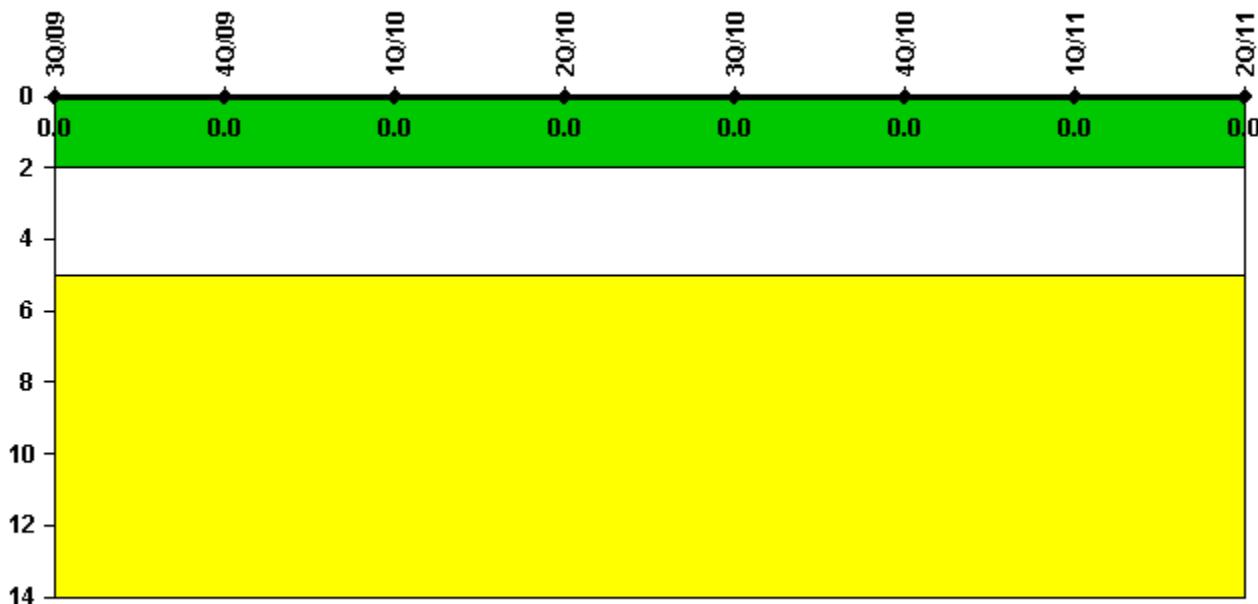
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Successful siren-tests	5064	4983	2893	2929	2979	2988	2940	2936
Total sirens-tests	5070	4992	2898	2944	2990	2990	2944	2944
Indicator value	99.7%	99.8%	99.8%	99.8%	99.7%	99.7%	99.7%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



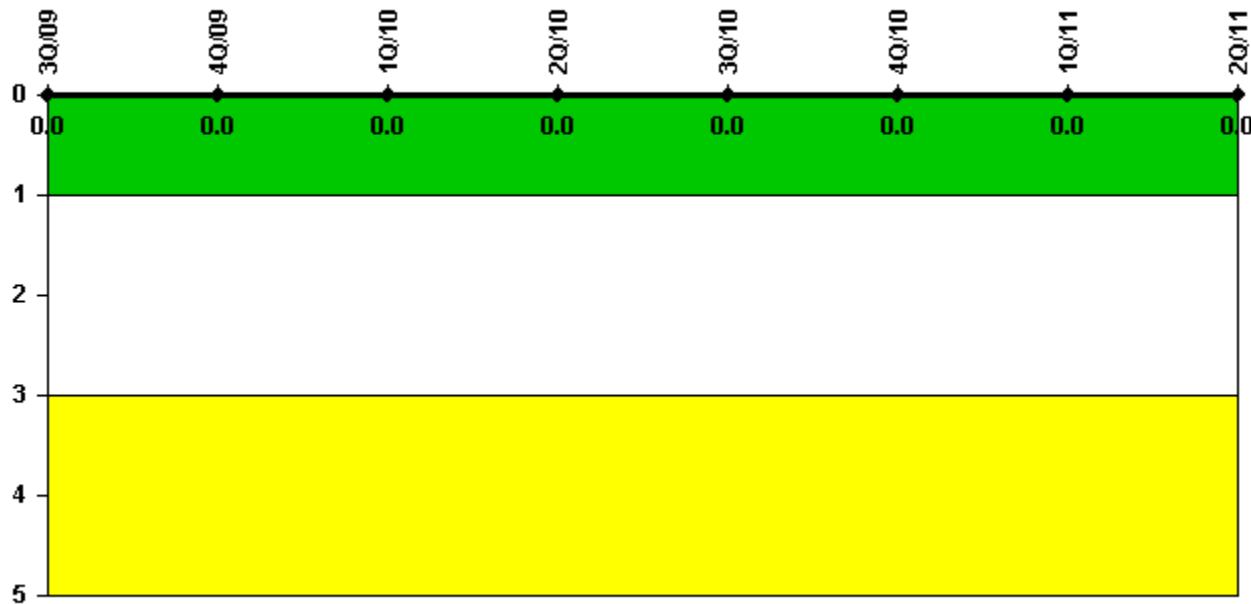
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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.

Dresden 2

3Q/2011 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



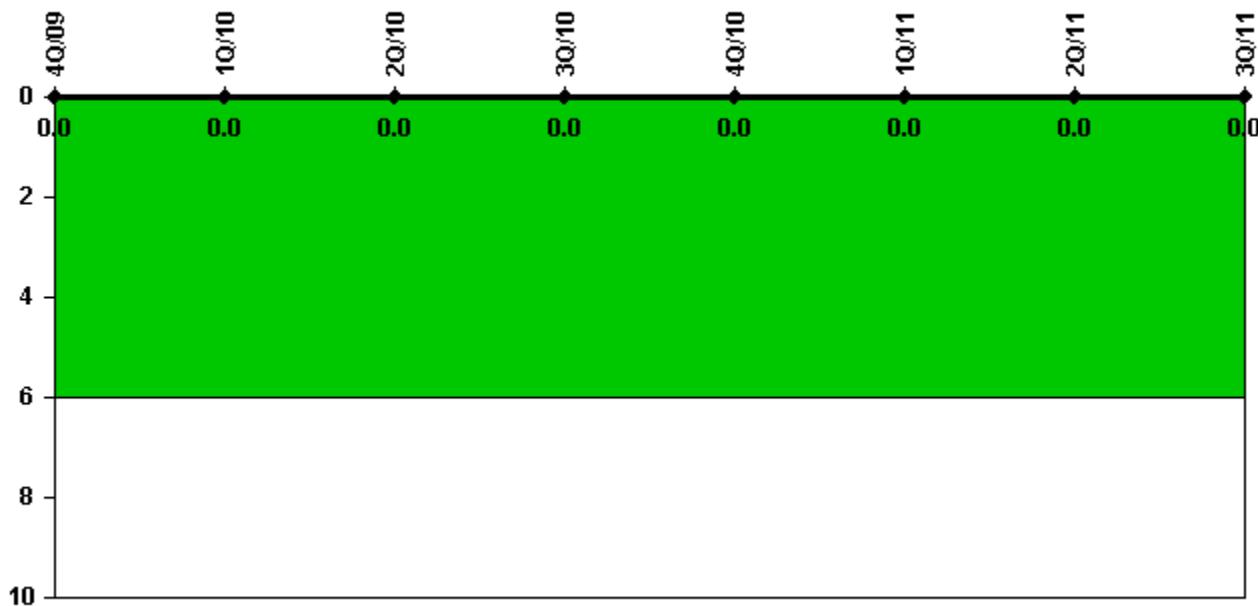
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	1508.4	2159.0	2184.0	2208.0	2209.0	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



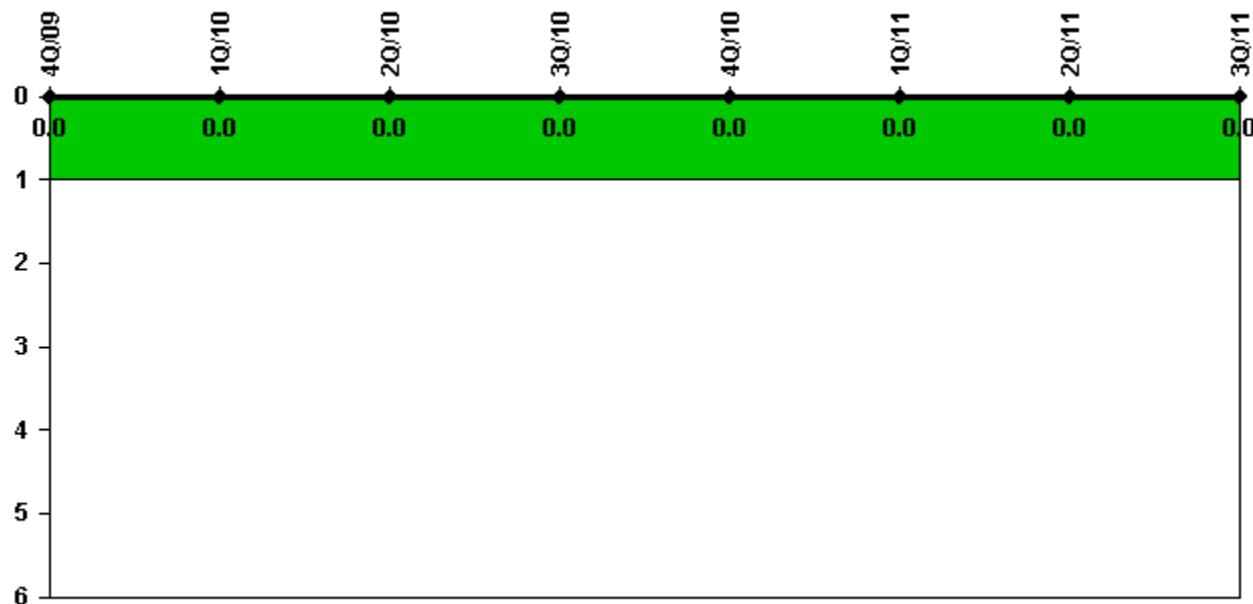
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	1508.4	2159.0	2184.0	2208.0	2209.0	2159.0	2184.0	2208.0
Indicator value	0							

Licensee Comments: none

Unplanned Scrams with Complications



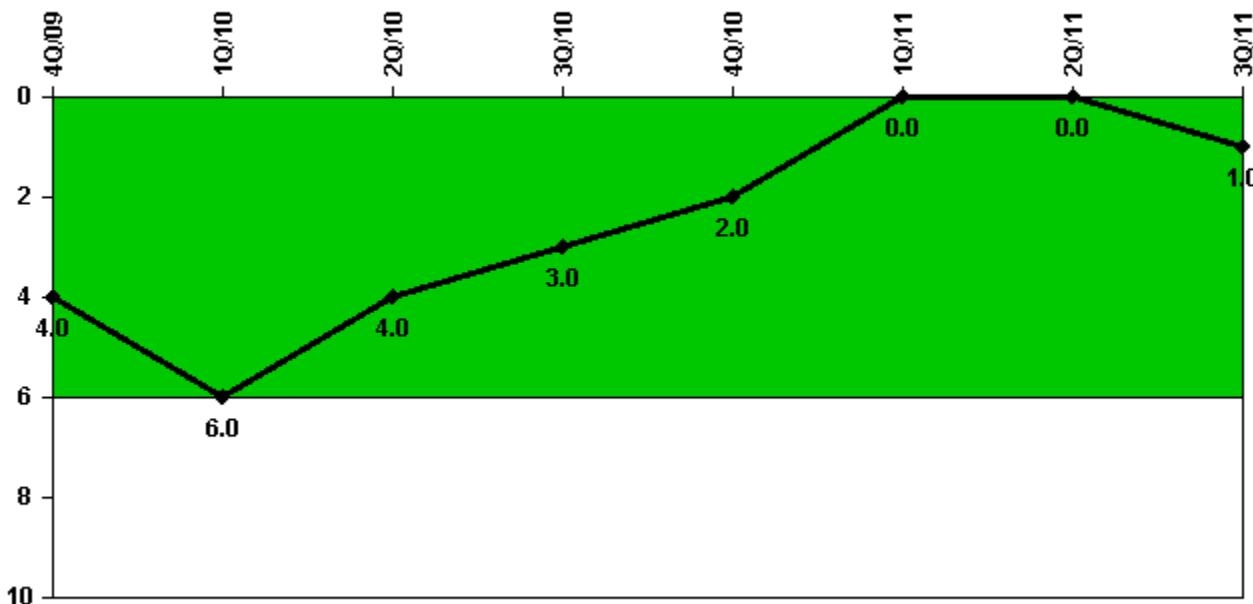
Thresholds: White > 1.0

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	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 (BWR)



Thresholds: White > 6.0

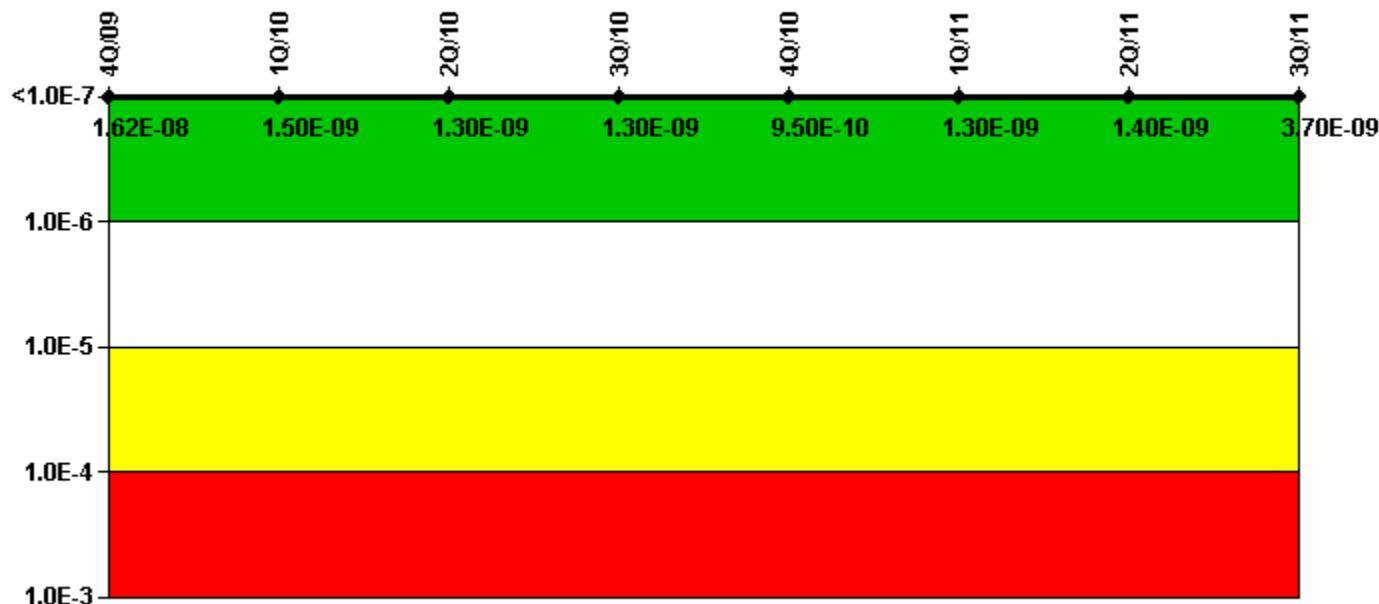
Notes

Safety System Functional Failures (BWR)	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Safety System Functional Failures	1	2	0	0	0	0	0	1
Indicator value	4	6	4	3	2	0	0	1

Licensee Comments:

3Q/11: LER 237/2011-001-00, Loss of CCSW System due to Stop Log Installation, dated 7/18/2011

Mitigating Systems Performance Index, Emergency AC Power System



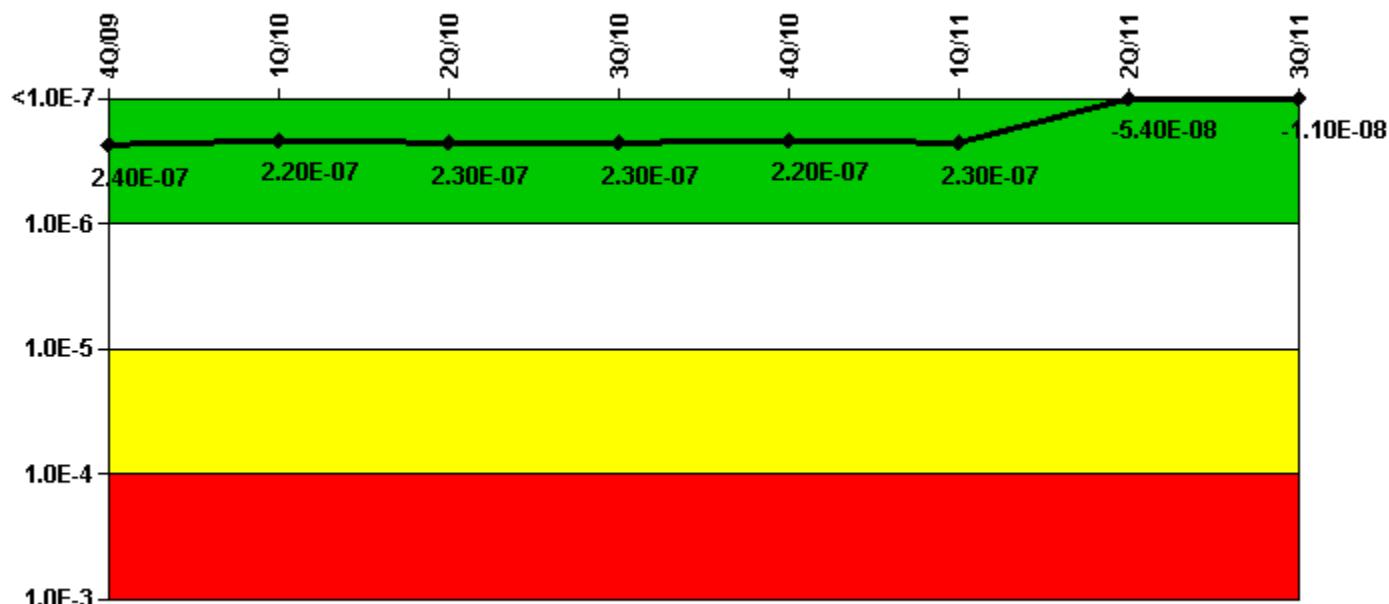
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	1.40E-08	8.87E-10	4.83E-10	5.52E-10	1.54E-10	5.88E-10	8.60E-10	1.46E-09
URI (Δ CDF)	2.20E-09	5.99E-10	7.94E-10	7.88E-10	7.98E-10	7.30E-10	5.38E-10	2.24E-09
PLE	NO							
Indicator value	1.62E-08	1.50E-09	1.30E-09	1.30E-09	9.50E-10	1.30E-09	1.40E-09	3.70E-09

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



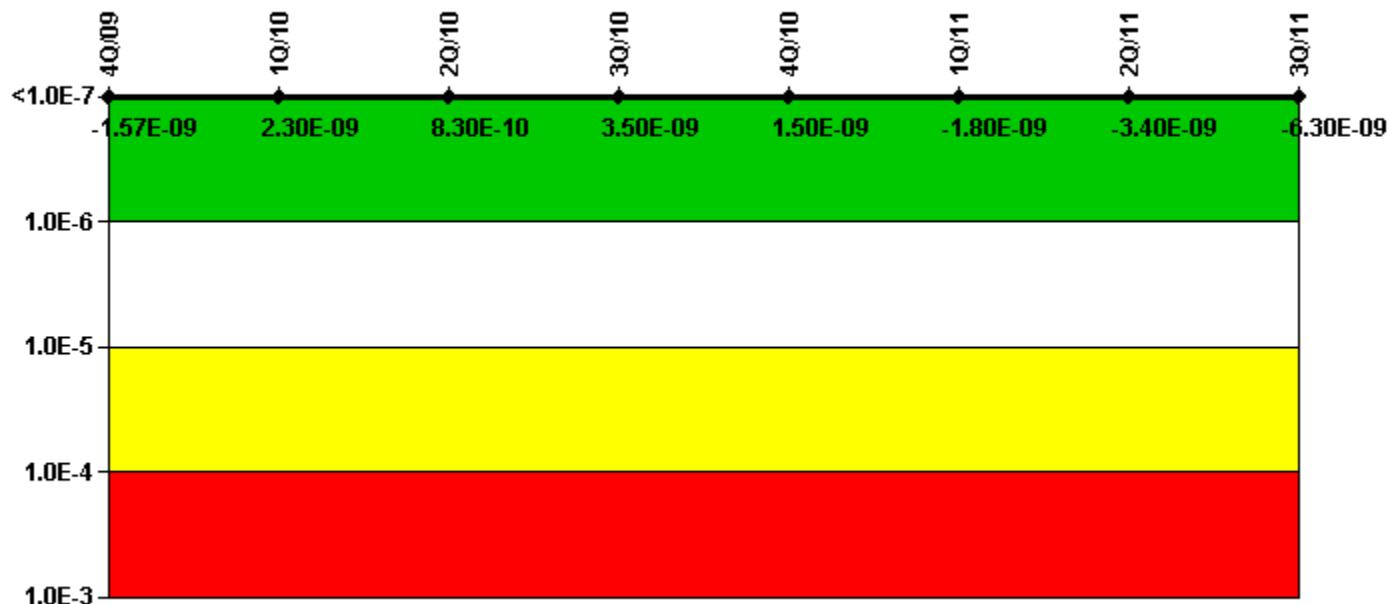
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (Δ CDF)	-4.00E-08	-3.63E-08	-3.63E-08	-3.63E-08	-3.65E-08	-3.65E-08	-4.68E-08	-3.22E-09
URI (Δ CDF)	2.80E-07	2.54E-07	2.61E-07	2.61E-07	2.61E-07	2.61E-07	-7.66E-09	-7.66E-09
PLE	NO	NO						
Indicator value	2.40E-07	2.20E-07	2.30E-07	2.30E-07	2.20E-07	2.30E-07	-5.40E-08	-1.10E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



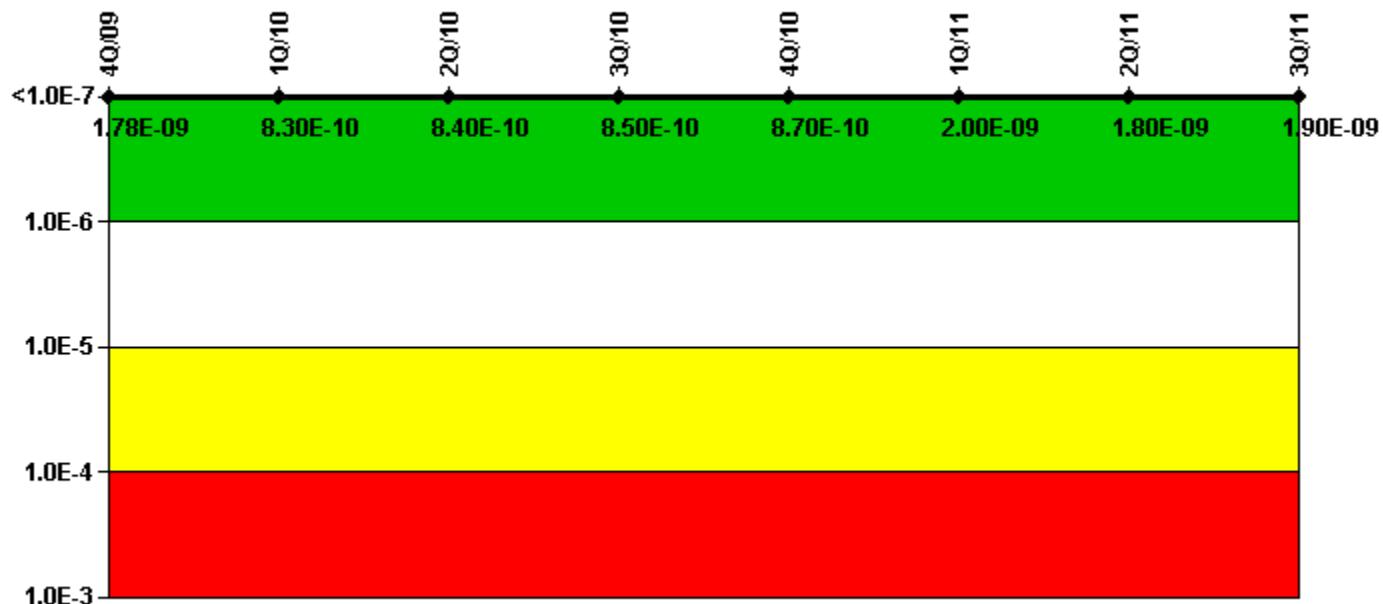
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	-1.50E-09	2.40E-09	9.29E-10	3.64E-09	1.59E-09	-1.72E-09	-3.31E-09	-6.24E-09
URI (Δ CDF)	-7.10E-11	-1.18E-10	-9.92E-11	-9.92E-11	-9.92E-11	-9.92E-11	-9.92E-11	-9.92E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.57E-09	2.30E-09	8.30E-10	3.50E-09	1.50E-09	-1.80E-09	-3.40E-09	-6.30E-09

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



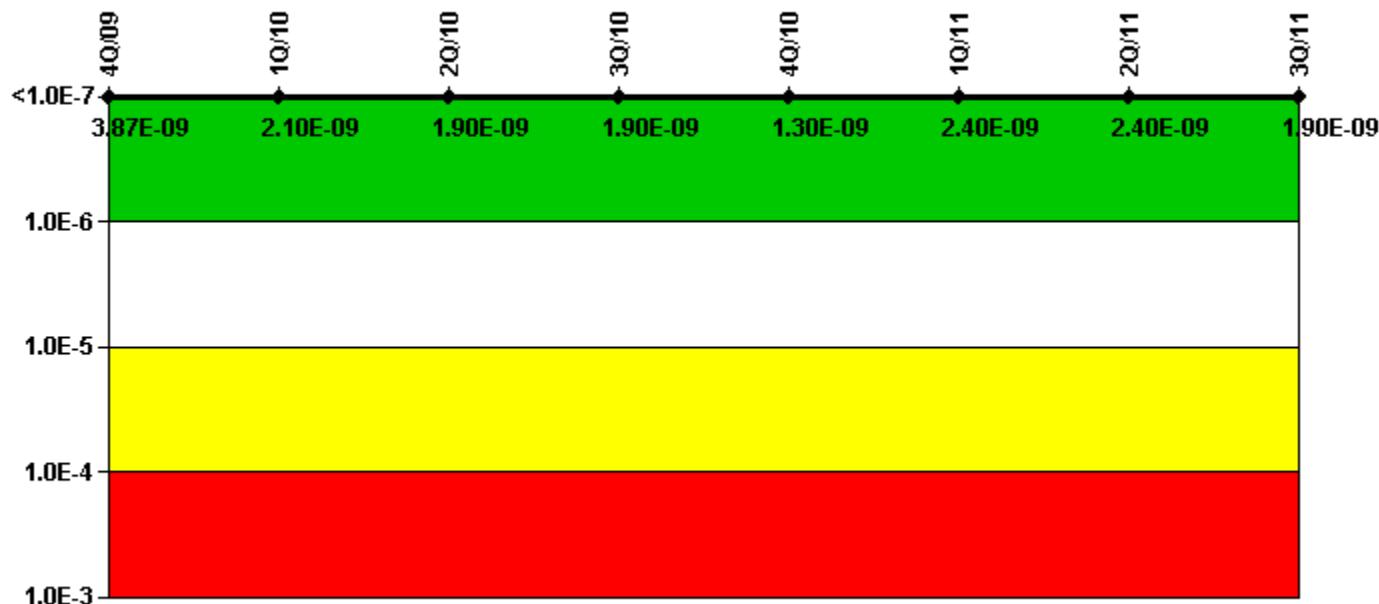
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (Δ CDF)	6.80E-10	-3.39E-10	-3.39E-10	-3.39E-10	-3.42E-10	7.42E-10	5.85E-10	5.71E-10
URI (Δ CDF)	1.10E-09	1.17E-09	1.18E-09	1.19E-09	1.21E-09	1.22E-09	1.24E-09	1.31E-09
PLE	NO							
Indicator value	1.78E-09	8.30E-10	8.40E-10	8.50E-10	8.70E-10	2.00E-09	1.80E-09	1.90E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



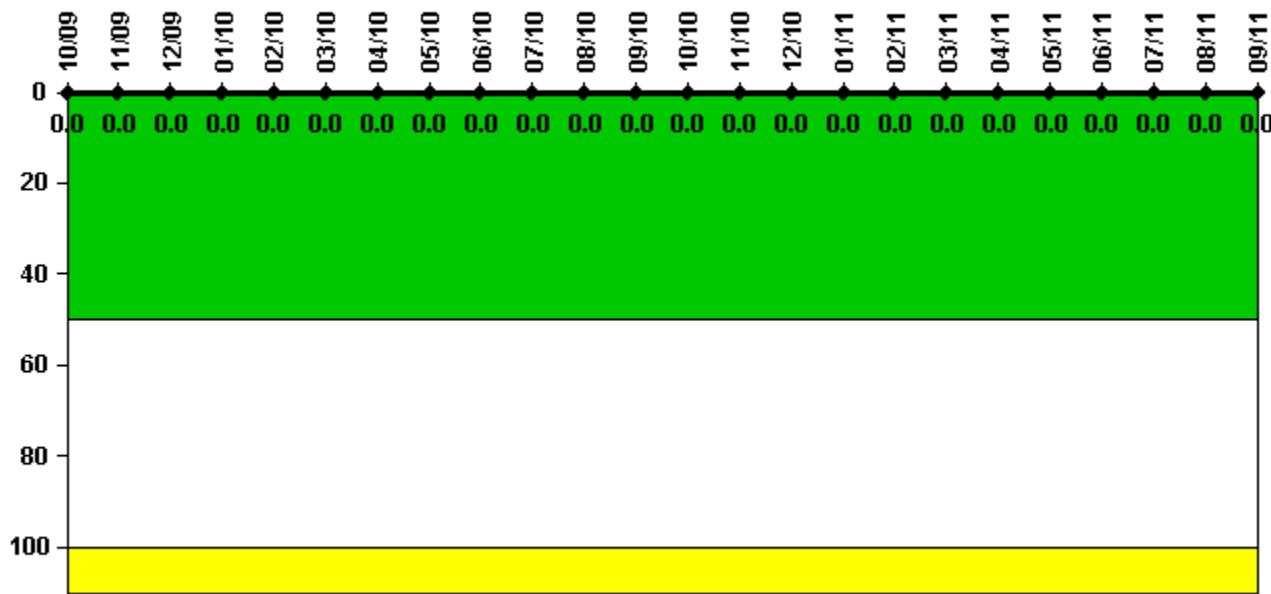
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (Δ CDF)	3.90E-09	2.09E-09	1.90E-09	1.90E-09	1.28E-09	2.37E-09	2.44E-09	1.93E-09
URI (Δ CDF)	-3.00E-11	-1.56E-11	-1.56E-11	-1.57E-11	-1.56E-11	-1.56E-11	-1.50E-11	-1.46E-11
PLE	NO							
Indicator value	3.87E-09	2.10E-09	1.90E-09	1.90E-09	1.30E-09	2.40E-09	2.40E-09	1.90E-09

Licensee Comments: none

Reactor Coolant System Activity



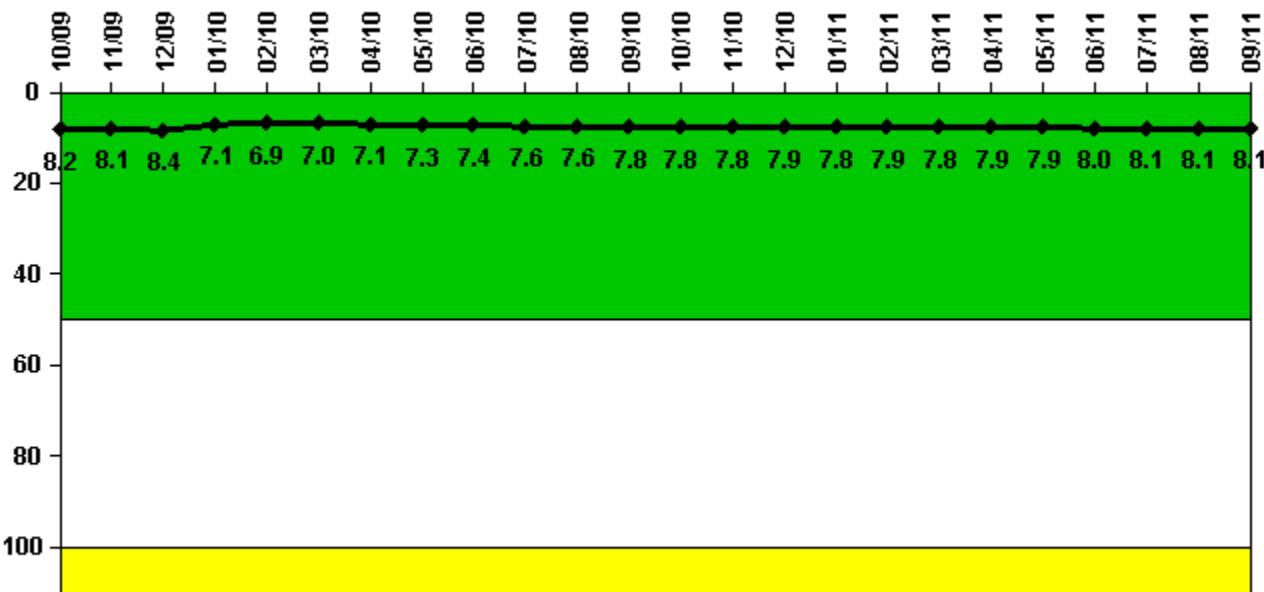
Thresholds: White > 50.0 Yellow > 100.0

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	0.000003	0.000009	0.000003	0.000003	0.000002	0.000003	0.000002	0.000003	0.000003	0.000003	0.000003	0.000003
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	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	0.000004	0.000003	0.000004	0.000004	0.000004	0.000005	0.000005	0.000005	0.000005	0.000009	0.000004	0.000005
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



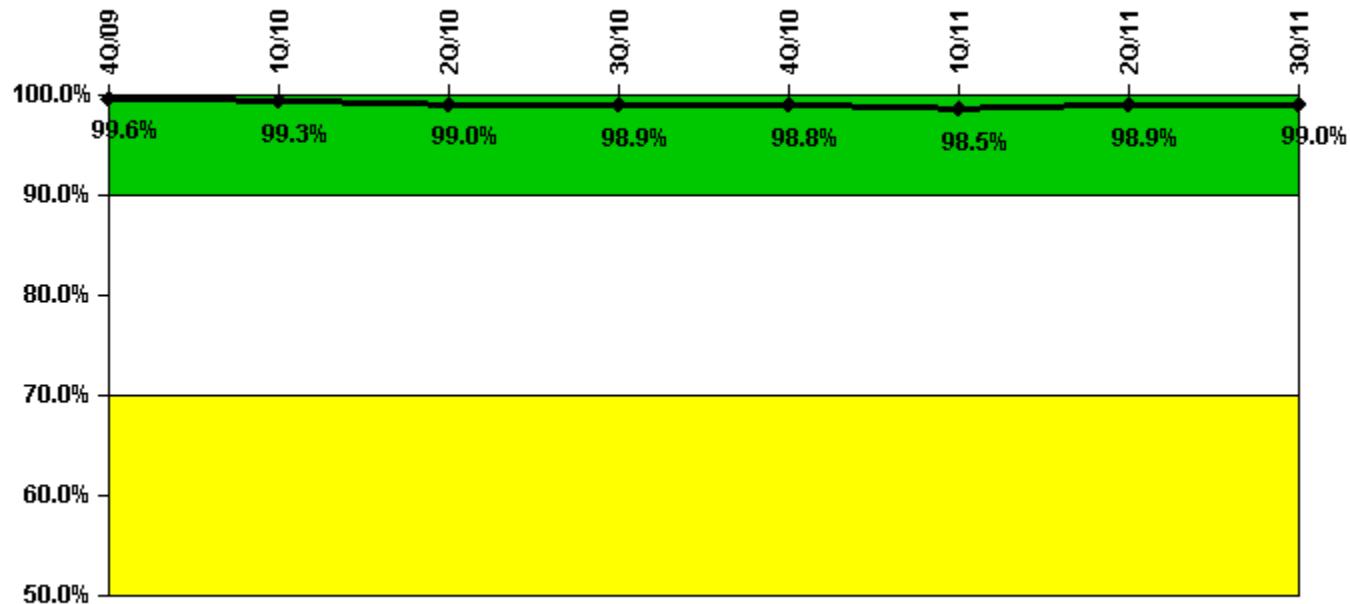
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/09	11/09	12/09	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10
Maximum leakage	2.040	2.018	2.100	1.778	1.727	1.755	1.785	1.820	1.852	1.893	1.910	1.943
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	8.2	8.1	8.4	7.1	6.9	7.0	7.1	7.3	7.4	7.6	7.6	7.8
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	1.955	1.947	1.972	1.957	1.973	1.950	1.965	1.977	1.988	2.013	2.025	2.023
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	7.8	7.8	7.9	7.8	7.9	7.8	7.9	7.9	8.0	8.1	8.1	8.1

Licensee Comments: none

Drill/Exercise Performance



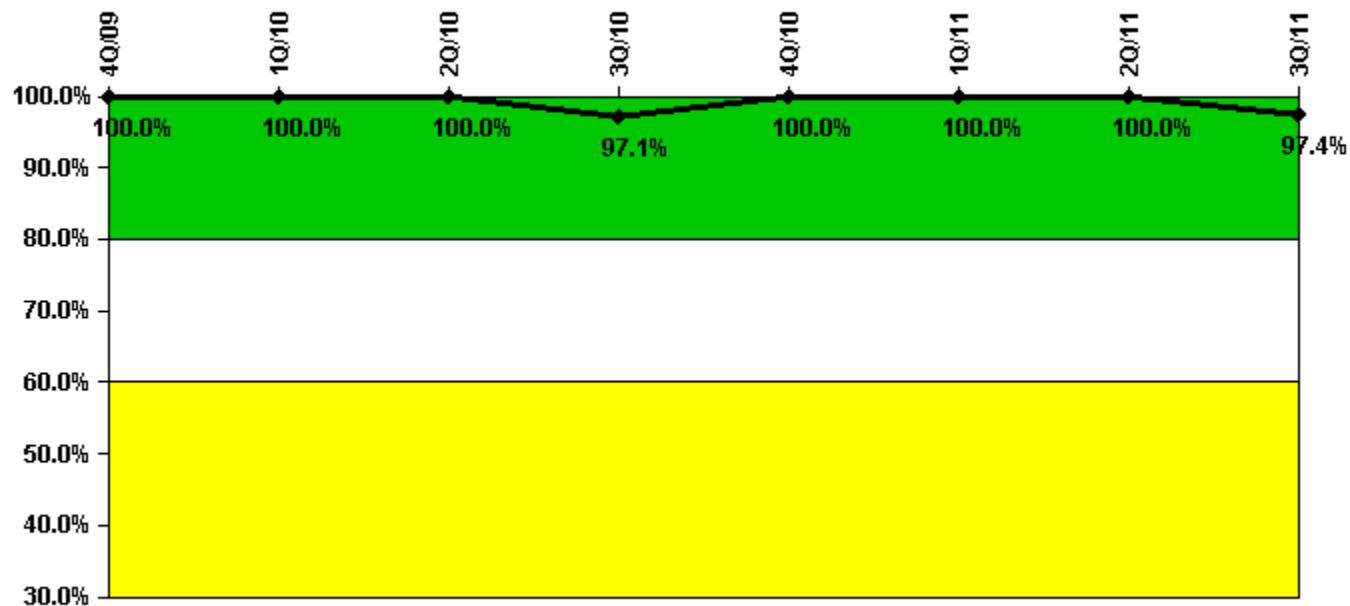
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Successful opportunities	34.0	41.0	39.0	6.0	8.0	63.0	46.0	62.0
Total opportunities	34.0	42.0	40.0	6.0	8.0	64.0	46.0	62.0
Indicator value	99.6%	99.3%	99.0%	98.9%	98.8%	98.5%	98.9%	99.0%

Licensee Comments: none

ERO Drill Participation



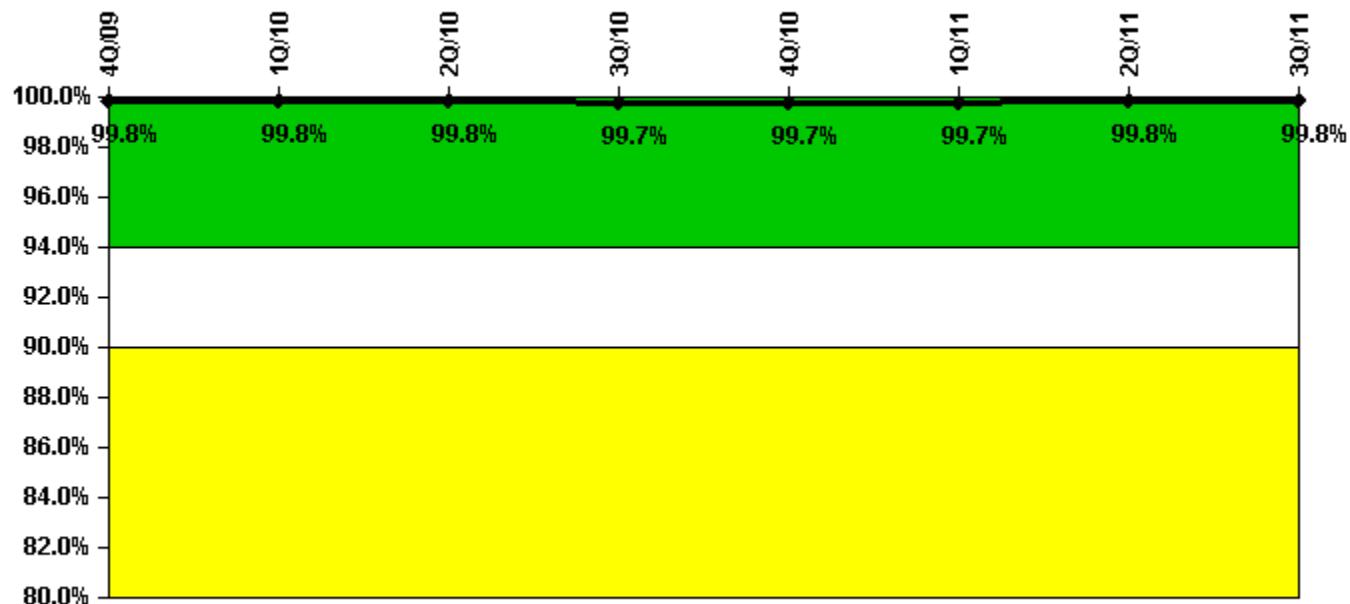
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Participating Key personnel	71.0	72.0	71.0	66.0	68.0	70.0	71.0	74.0
Total Key personnel	71.0	72.0	71.0	68.0	68.0	70.0	71.0	76.0
Indicator value	100.0%	100.0%	100.0%	97.1%	100.0%	100.0%	100.0%	97.4%

Licensee Comments: none

Alert & Notification System



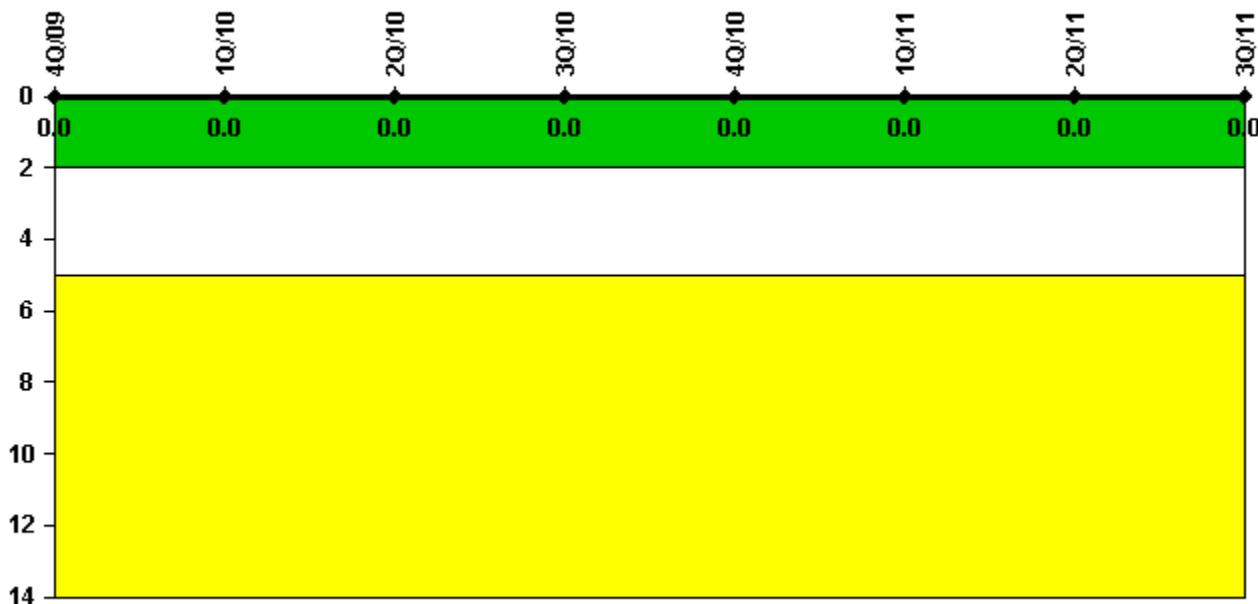
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Successful siren-tests	4983	2893	2929	2979	2988	2940	2936	2940
Total sirens-tests	4992	2898	2944	2990	2990	2944	2944	2944
Indicator value	99.8%	99.8%	99.8%	99.7%	99.7%	99.7%	99.8%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



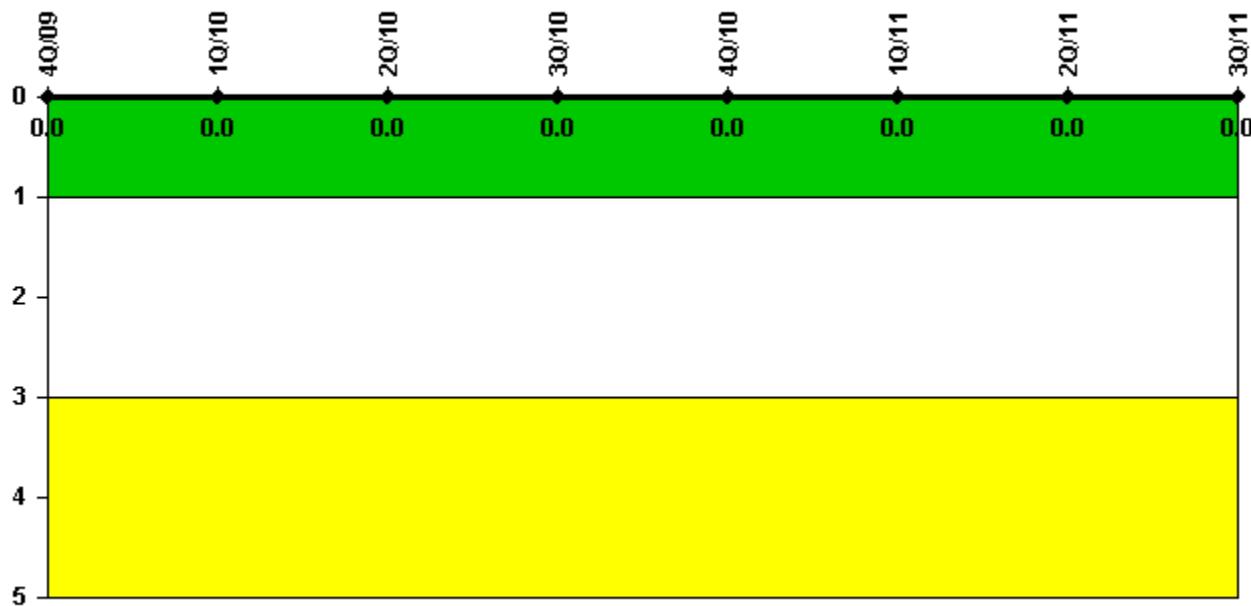
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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.

Dresden 2

4Q/2011 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



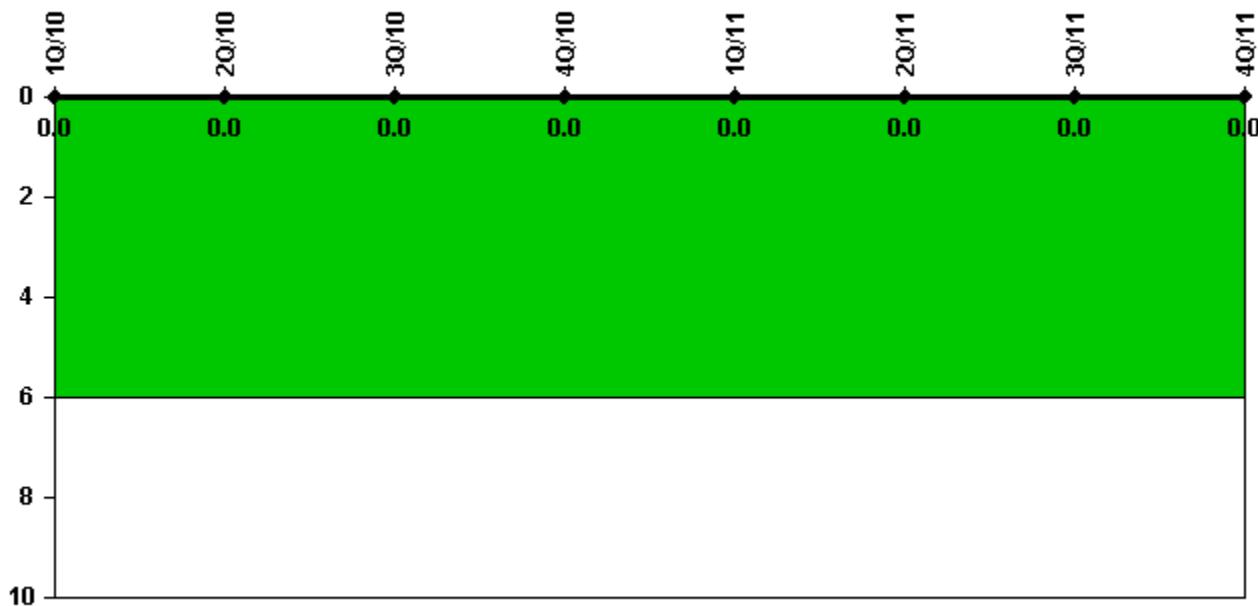
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2159.0	2184.0	2208.0	2209.0	2159.0	2184.0	2208.0	1630.4
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



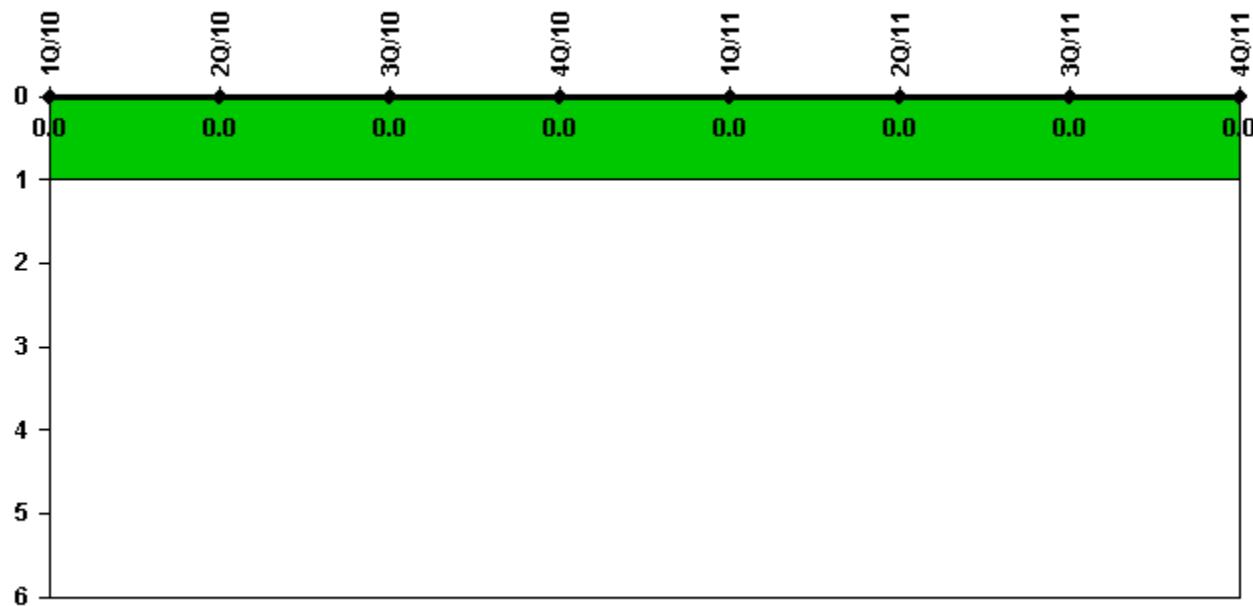
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2159.0	2184.0	2208.0	2209.0	2159.0	2184.0	2208.0	1630.4
Indicator value	0							

Licensee Comments: none

Unplanned Scrams with Complications



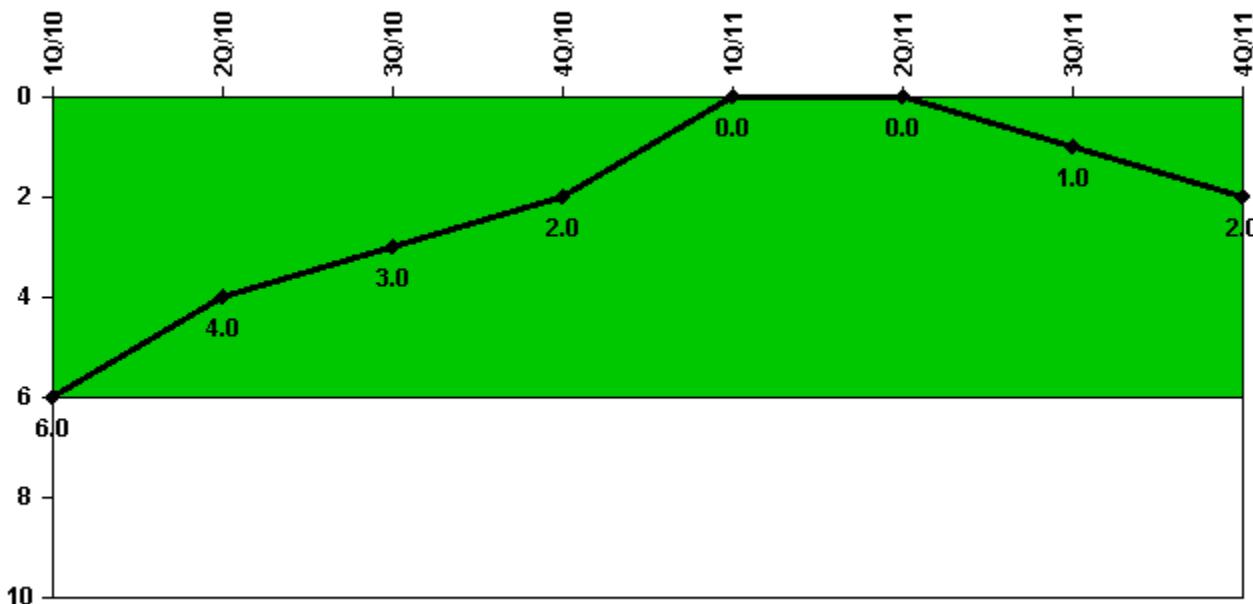
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (BWR)



Thresholds: White > 6.0

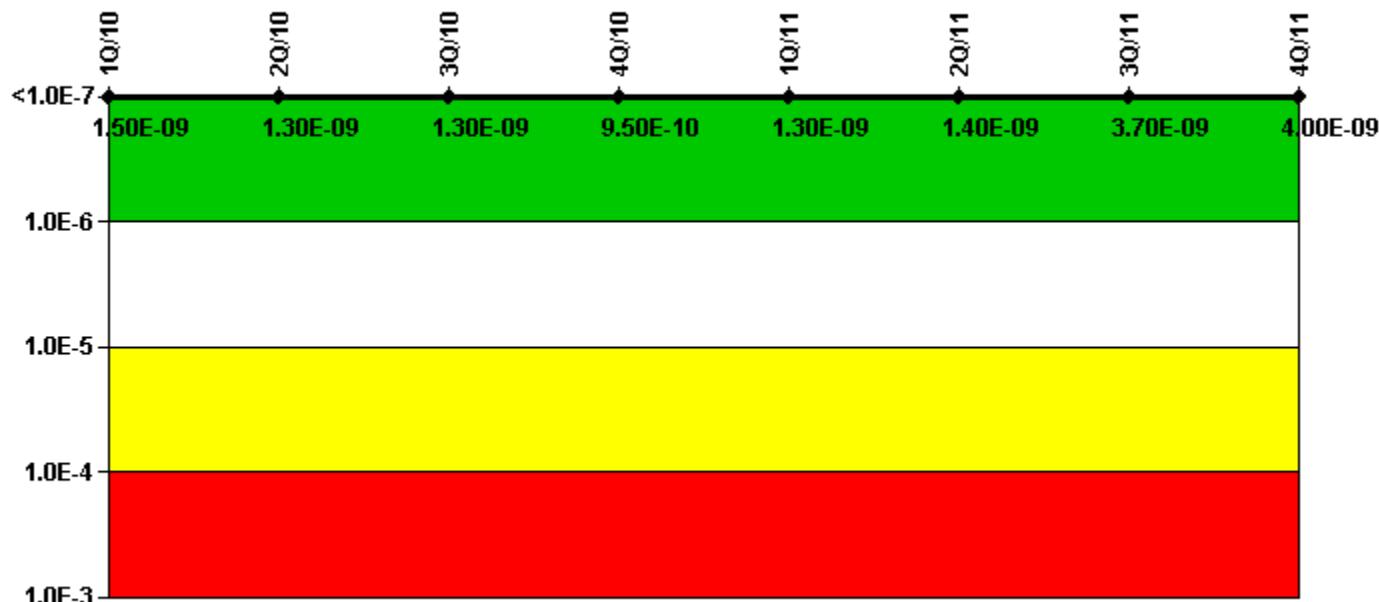
Notes

Safety System Functional Failures (BWR)	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Safety System Functional Failures	2	0	0	0	0	0	1	1
Indicator value	6	4	3	2	0	0	1	2

Licensee Comments:

4Q/11: LER 237-2011-004-00, Personnel Error Results in Control Room Emergency Ventilation Air Conditioning System Inoperability, dated 12/16/2011

Mitigating Systems Performance Index, Emergency AC Power System



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

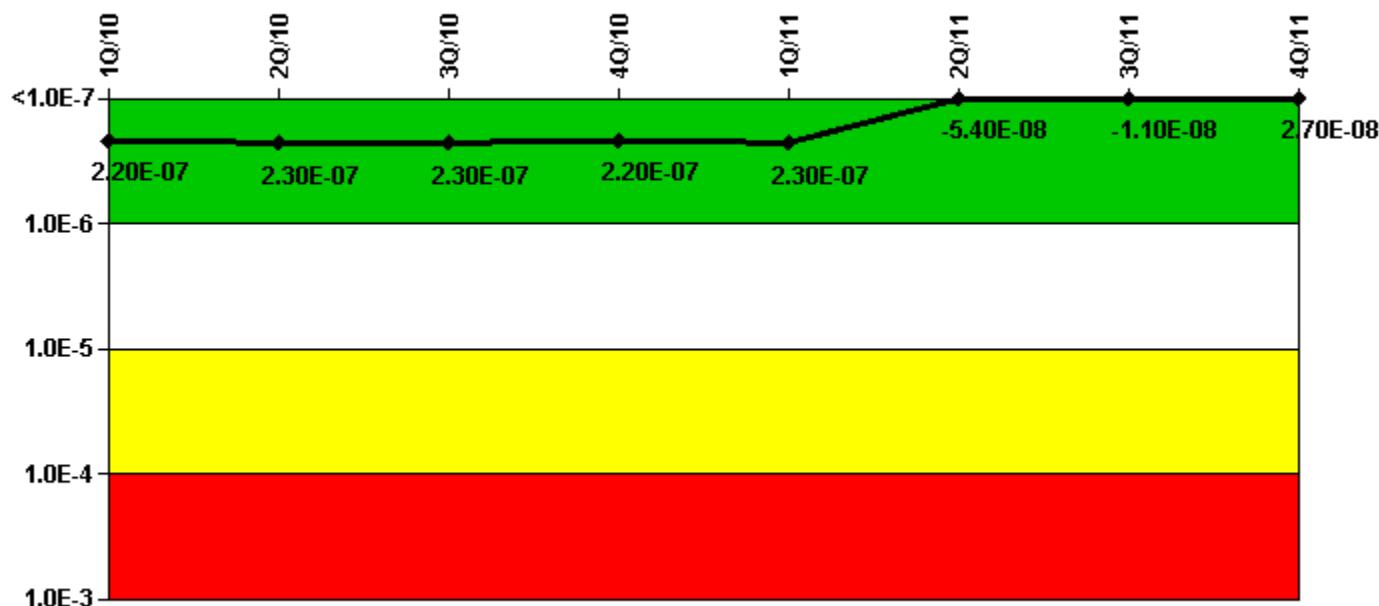
Notes

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)	8.87E-10	4.83E-10	5.52E-10	1.54E-10	5.88E-10	8.60E-10	1.46E-09	1.90E-09
URI (Δ CDF)	5.99E-10	7.94E-10	7.88E-10	7.98E-10	7.30E-10	5.38E-10	2.24E-09	2.15E-09
PLE	NO							
Indicator value	1.50E-09	1.30E-09	1.30E-09	9.50E-10	1.30E-09	1.40E-09	3.70E-09	4.00E-09

Licensee Comments:

4Q/11: The MSPI basis document was revised in late November 2011. The revision (Revision 9) added the Diesel Oil Fuel Transfer Pump to the EDG super component boundary and designated the pump train as a monitored component in accordance with the resolution to FAQ 484. The FAQ resolution has an effective date of 1/1/2012. Therefore, there was no effect on the EDG MSPI data during November or December 2011.

Mitigating Systems Performance Index, High Pressure Injection System



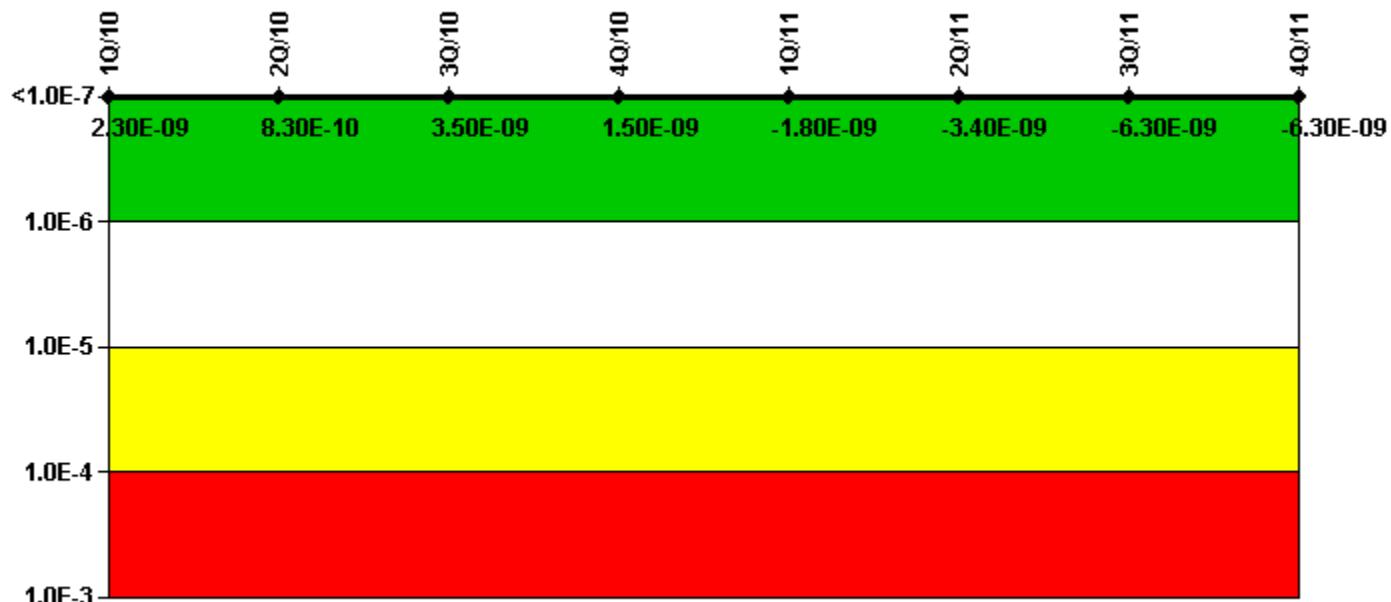
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	-3.63E-08	-3.63E-08	-3.63E-08	-3.65E-08	-3.65E-08	-4.68E-08	-3.22E-09	3.43E-08
URI (Δ CDF)	2.54E-07	2.61E-07	2.61E-07	2.61E-07	2.61E-07	-7.66E-09	-7.66E-09	-7.66E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.20E-07	2.30E-07	2.30E-07	2.20E-07	2.30E-07	-5.40E-08	-1.10E-08	2.70E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



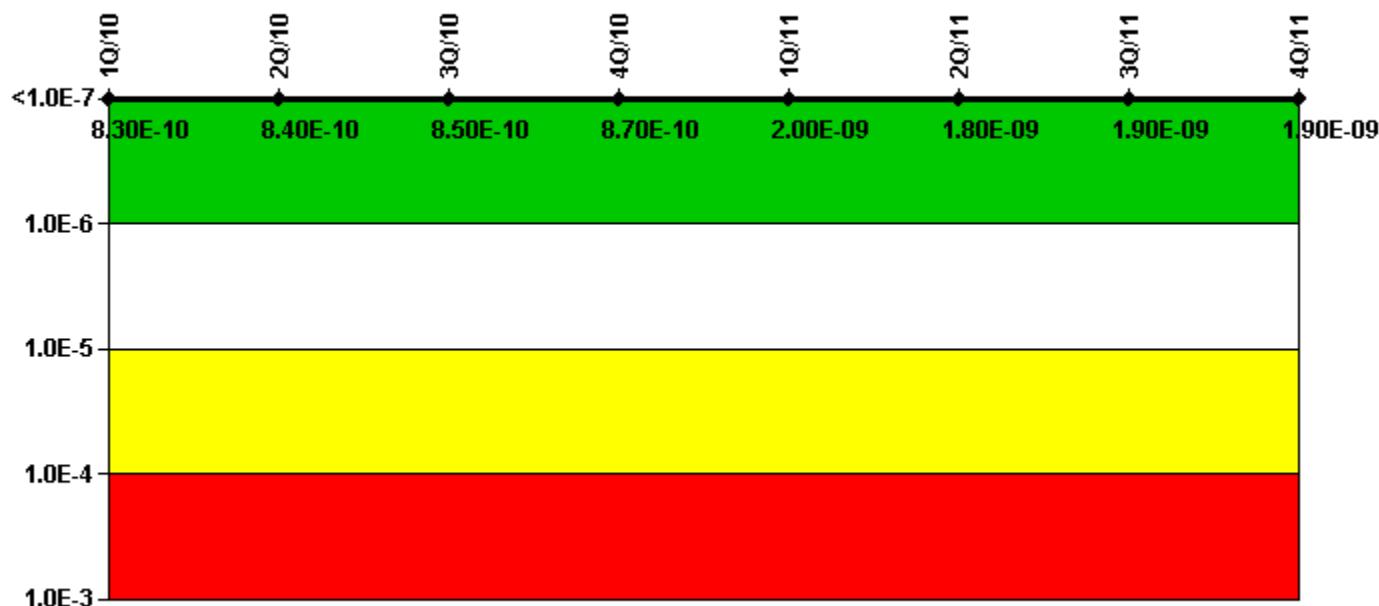
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (Δ CDF)	2.40E-09	9.29E-10	3.64E-09	1.59E-09	-1.72E-09	-3.31E-09	-6.24E-09	-6.24E-09
URI (Δ CDF)	-1.18E-10	-9.92E-11	-9.92E-11	-9.92E-11	-9.92E-11	-9.92E-11	-9.92E-11	-9.92E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.30E-09	8.30E-10	3.50E-09	1.50E-09	-1.80E-09	-3.40E-09	-6.30E-09	-6.30E-09

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



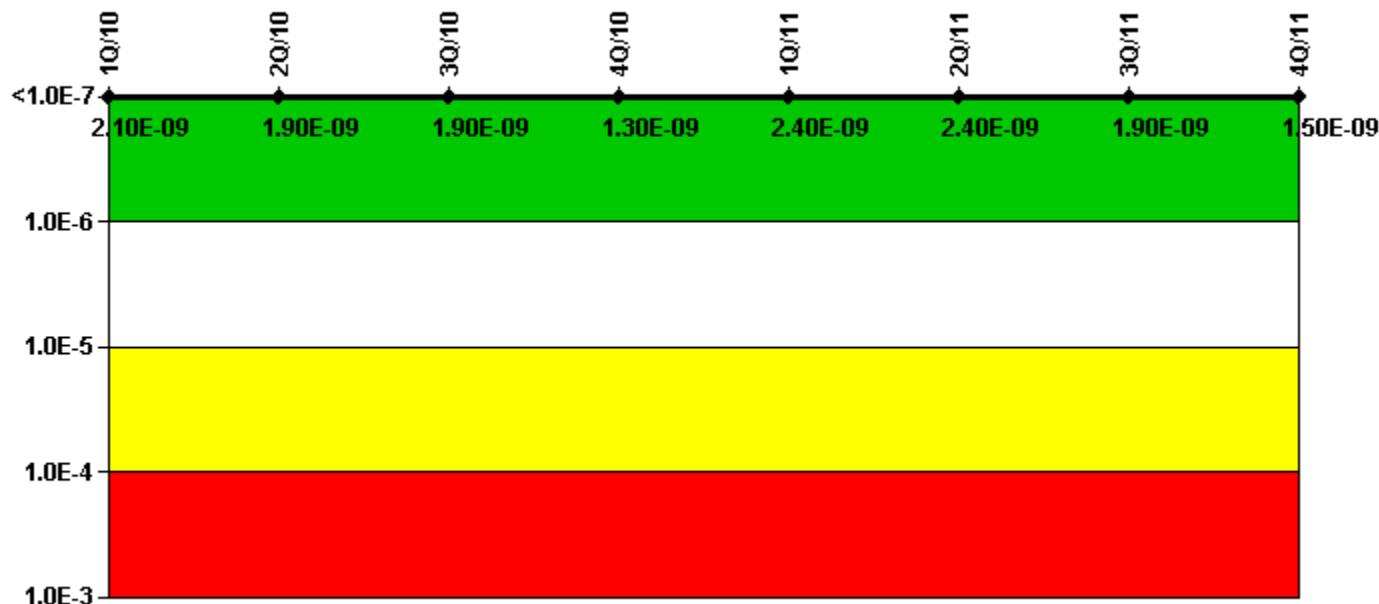
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (Δ CDF)	-3.39E-10	-3.39E-10	-3.39E-10	-3.42E-10	7.42E-10	5.85E-10	5.71E-10	5.40E-10
URI (Δ CDF)	1.17E-09	1.18E-09	1.19E-09	1.21E-09	1.22E-09	1.24E-09	1.31E-09	1.37E-09
PLE	NO							
Indicator value	8.30E-10	8.40E-10	8.50E-10	8.70E-10	2.00E-09	1.80E-09	1.90E-09	1.90E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



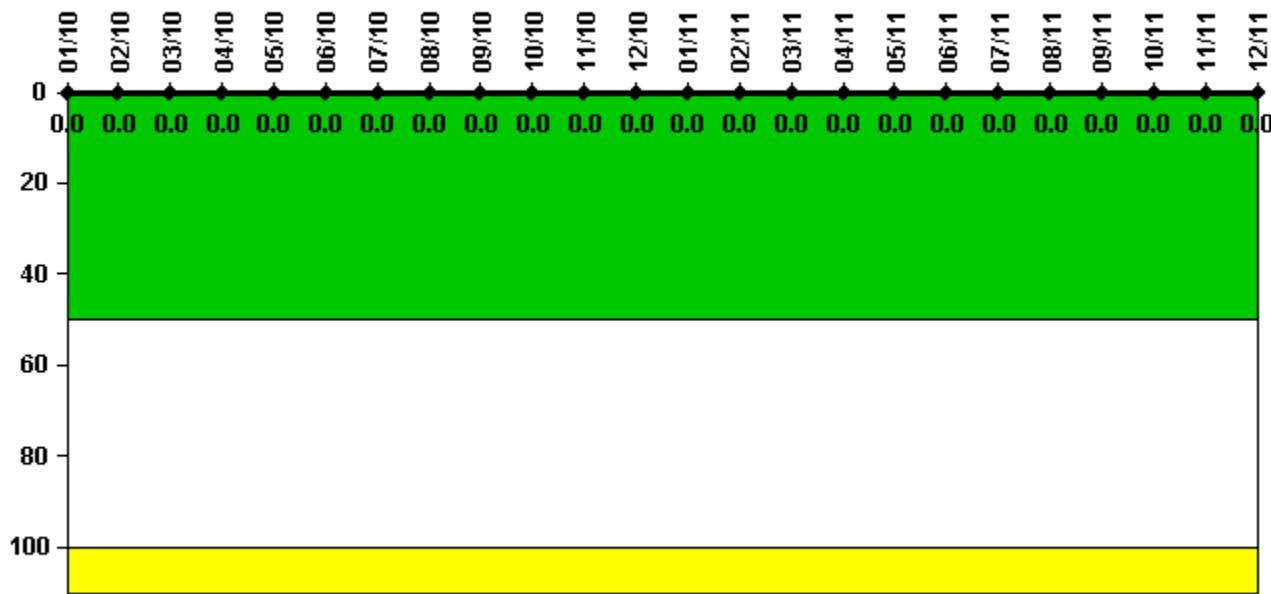
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (Δ CDF)	2.09E-09	1.90E-09	1.90E-09	1.28E-09	2.37E-09	2.44E-09	1.93E-09	1.53E-09
URI (Δ CDF)	-1.56E-11	-1.56E-11	-1.57E-11	-1.56E-11	-1.56E-11	-1.50E-11	-1.46E-11	-1.43E-11
PLE	NO							
Indicator value	2.10E-09	1.90E-09	1.90E-09	1.30E-09	2.40E-09	2.40E-09	1.90E-09	1.50E-09

Licensee Comments: none

Reactor Coolant System Activity



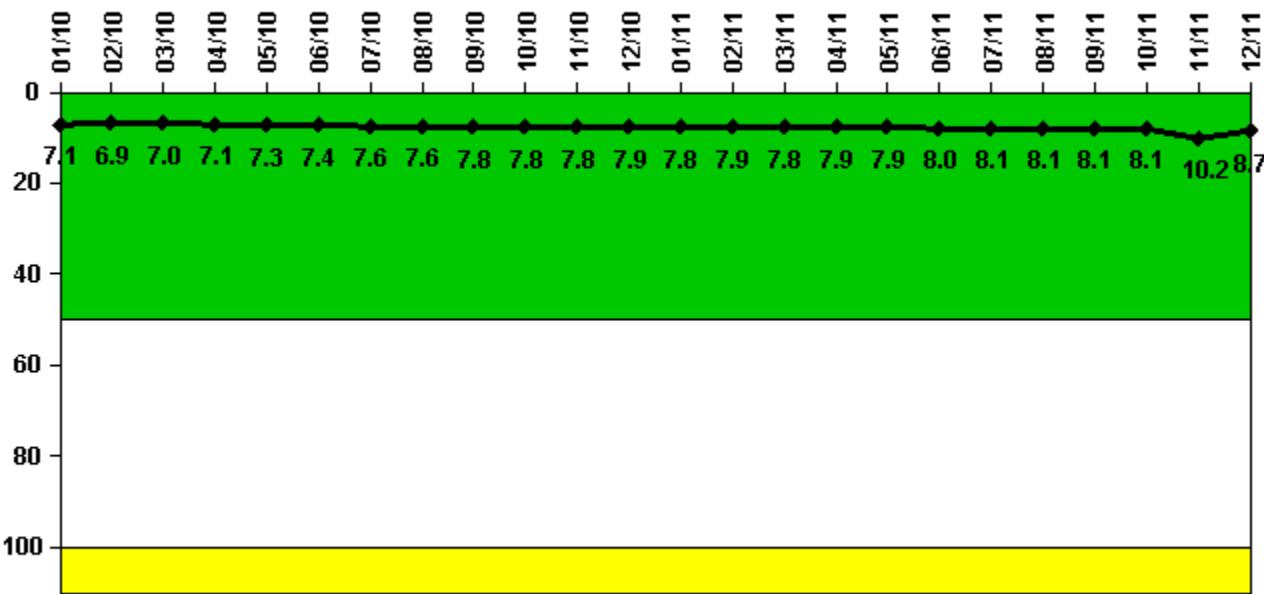
Thresholds: White > 50.0 Yellow > 100.0

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	0.000003	0.000002	0.000003	0.000002	0.000003	0.000003	0.000003	0.000003	0.000003	0.000004	0.000003	0.000004
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
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	0.000004	0.000004	0.000005	0.000005	0.000005	0.000005	0.000009	0.000004	0.000005	0.000004	0.000004	0.000003
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



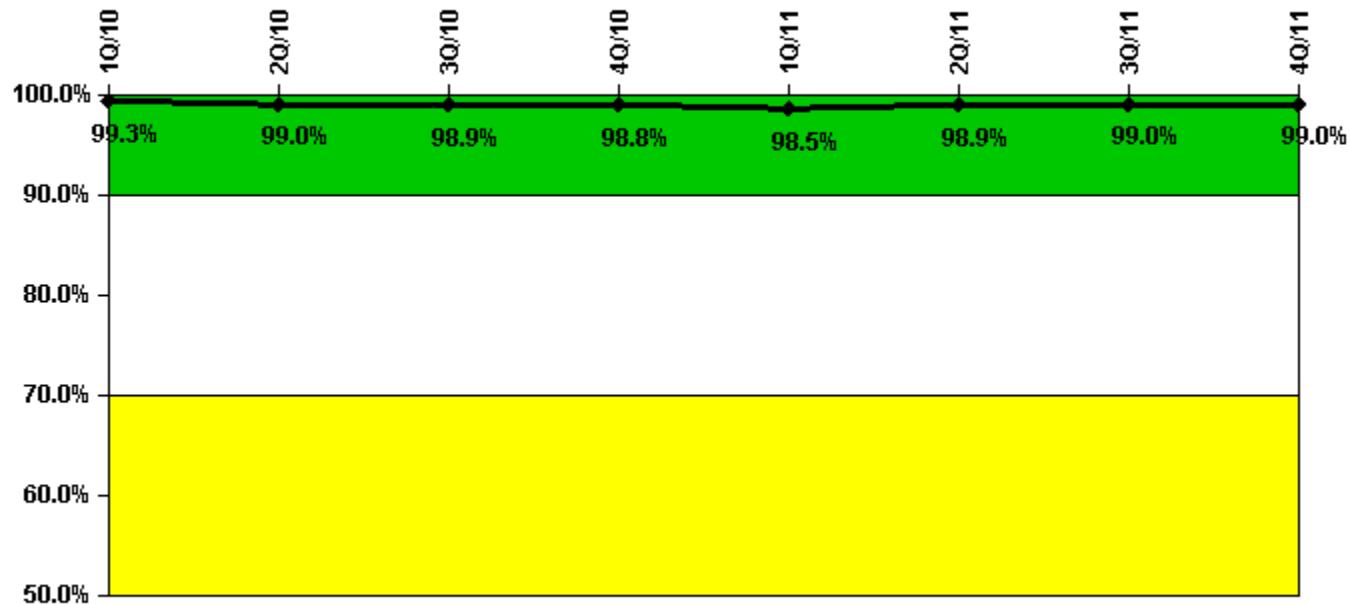
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10
Maximum leakage	1.778	1.727	1.755	1.785	1.820	1.852	1.893	1.910	1.943	1.955	1.947	1.972
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	7.1	6.9	7.0	7.1	7.3	7.4	7.6	7.6	7.8	7.8	7.8	7.9
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	1.957	1.973	1.950	1.965	1.977	1.988	2.013	2.025	2.023	2.028	2.550	2.178
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	7.8	7.9	7.8	7.9	7.9	8.0	8.1	8.1	8.1	8.1	10.2	8.7

Licensee Comments: none

Drill/Exercise Performance



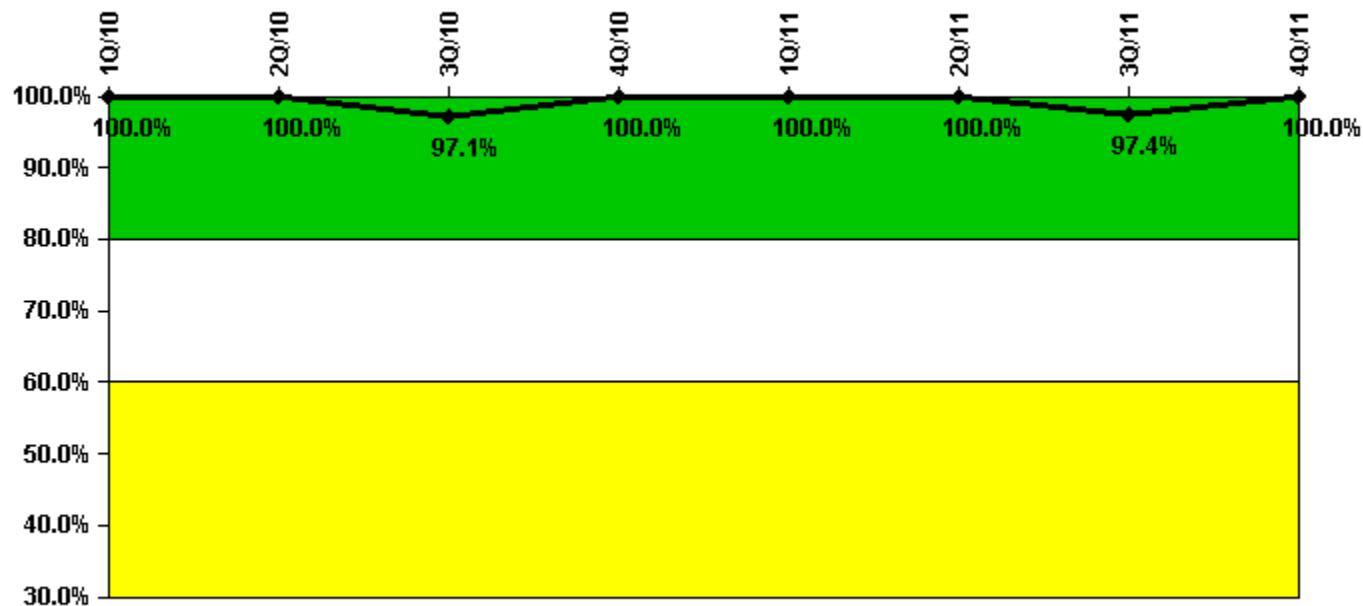
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Successful opportunities	41.0	39.0	6.0	8.0	63.0	46.0	62.0	24.0
Total opportunities	42.0	40.0	6.0	8.0	64.0	46.0	62.0	24.0
Indicator value	99.3%	99.0%	98.9%	98.8%	98.5%	98.9%	99.0%	99.0%

Licensee Comments: none

ERO Drill Participation



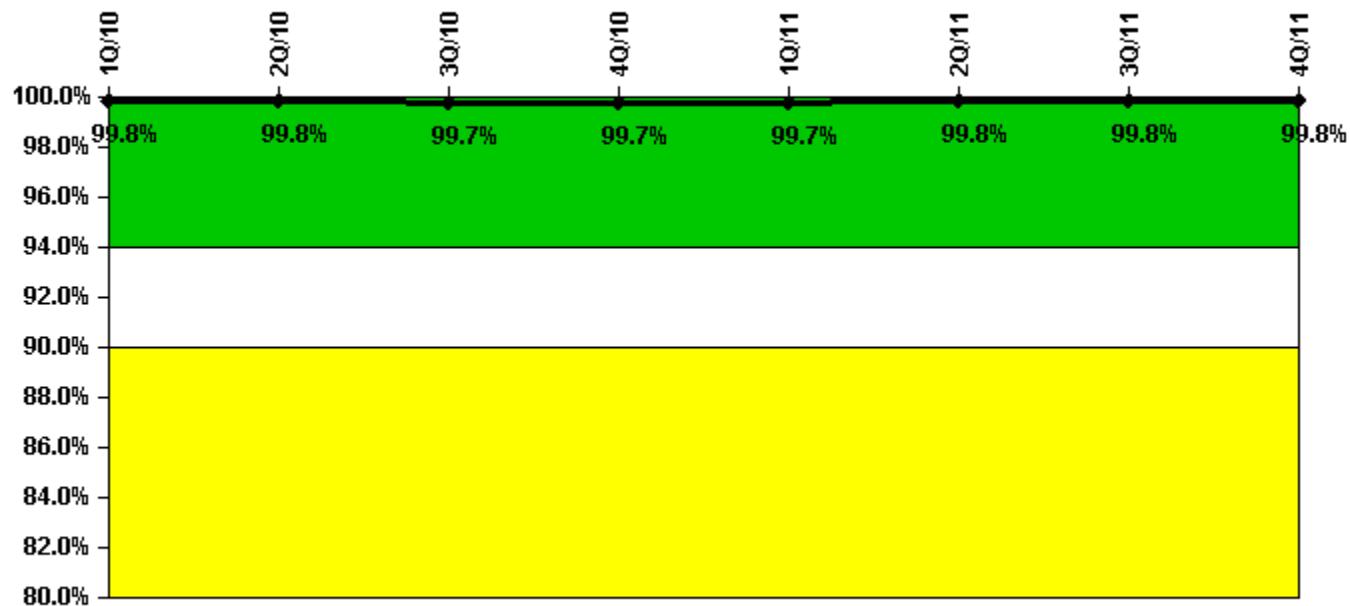
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Participating Key personnel	72.0	71.0	66.0	68.0	70.0	71.0	74.0	74.0
Total Key personnel	72.0	71.0	68.0	68.0	70.0	71.0	76.0	74.0
Indicator value	100.0%	100.0%	97.1%	100.0%	100.0%	100.0%	97.4%	100.0%

Licensee Comments: none

Alert & Notification System



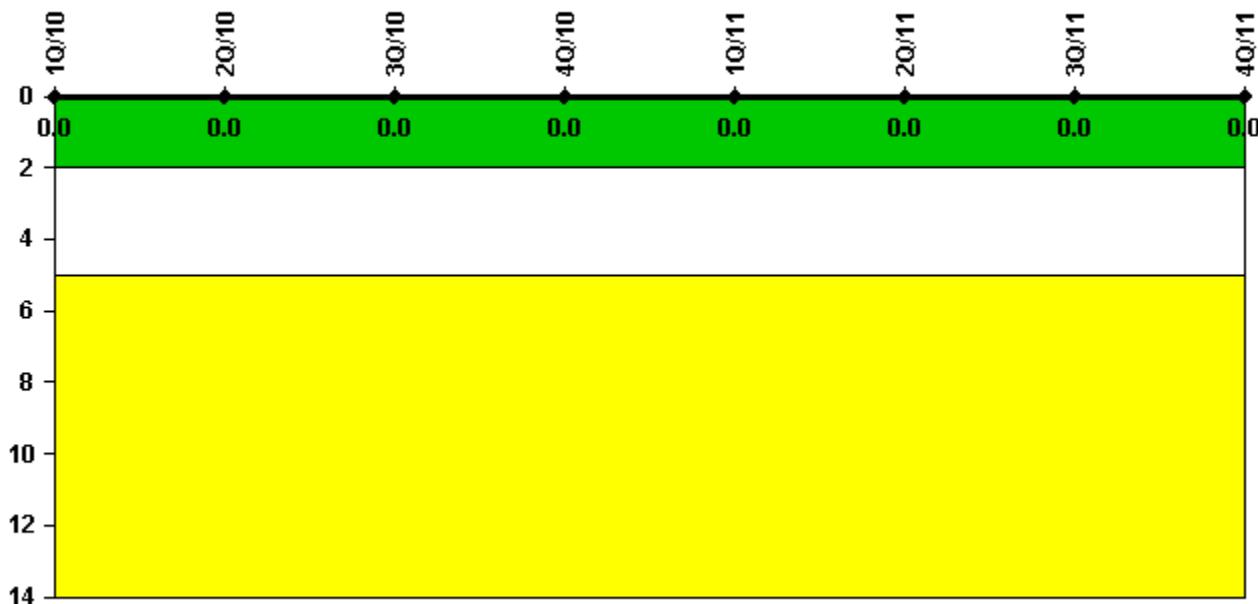
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Successful siren-tests	2893	2929	2979	2988	2940	2936	2940	2940
Total sirens-tests	2898	2944	2990	2990	2944	2944	2944	2944
Indicator value	99.8%	99.8%	99.7%	99.7%	99.7%	99.8%	99.8%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



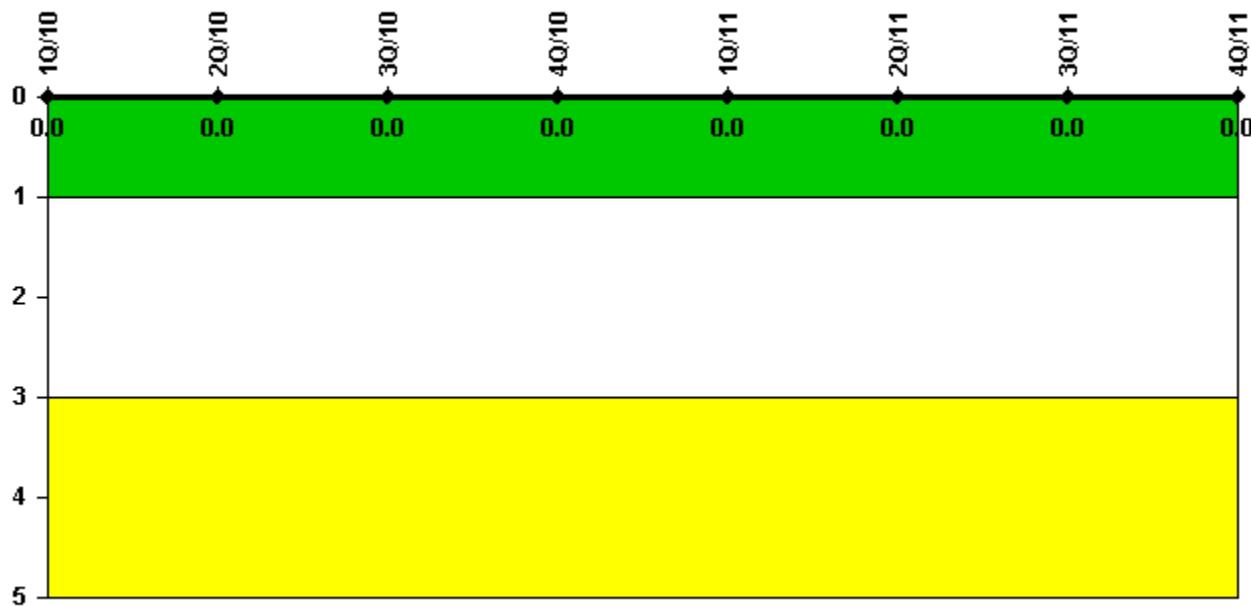
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
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.



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

Last Modified: February 2, 2012

Dresden 2

1Q/2012 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



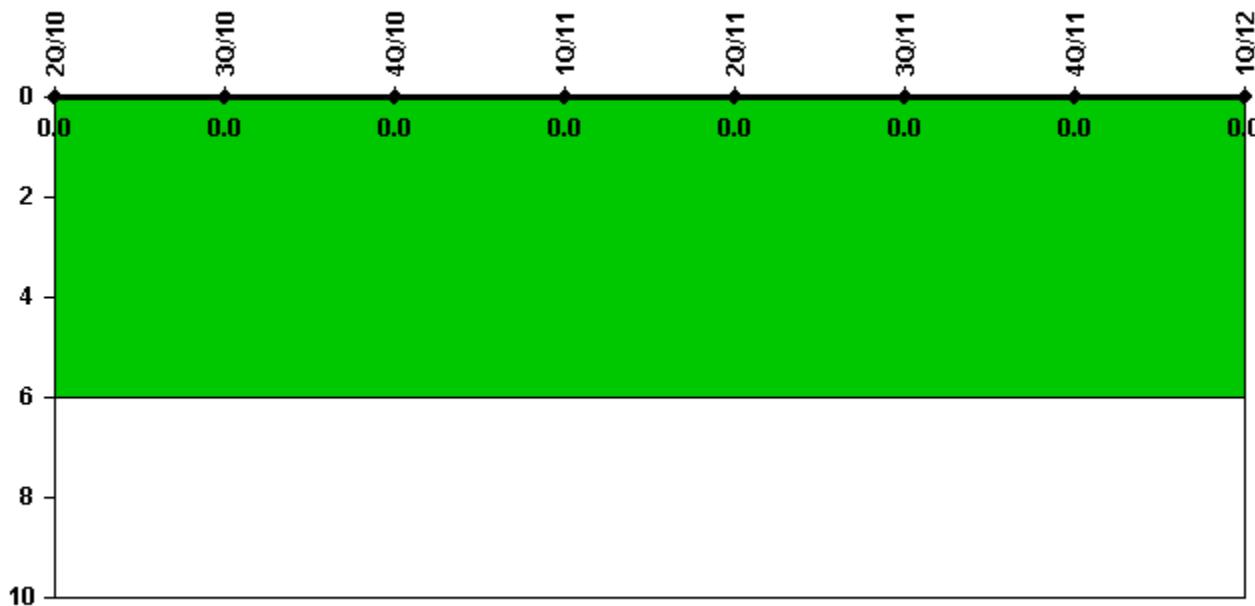
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2184.0	2208.0	2209.0	2159.0	2184.0	2208.0	1630.4	2183.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



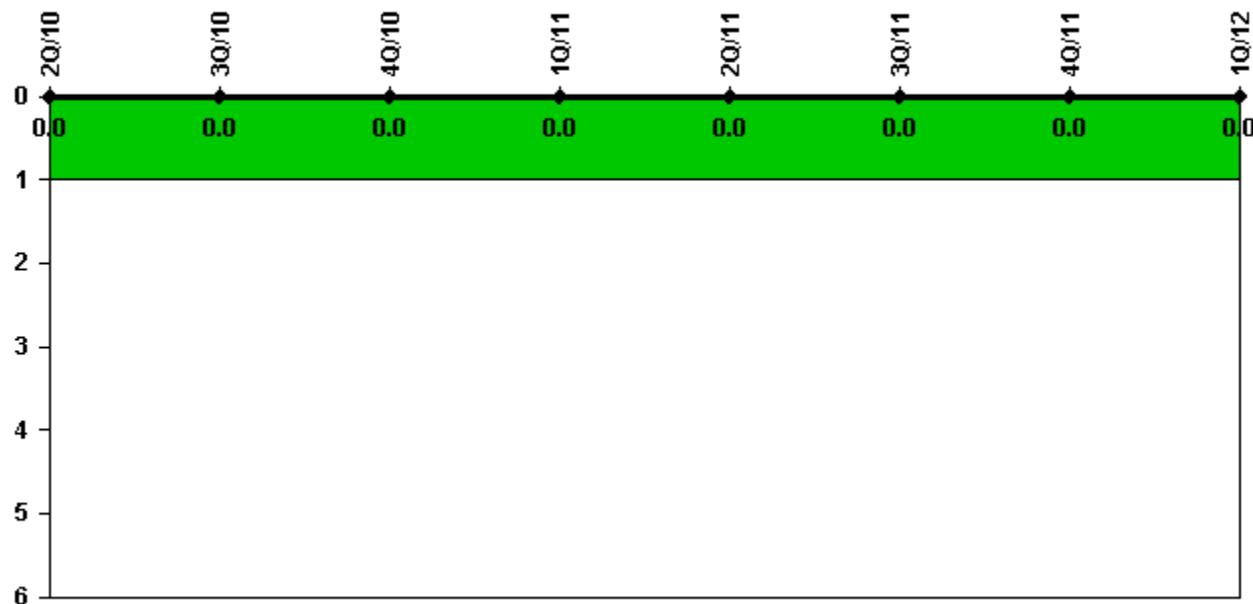
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2184.0	2208.0	2209.0	2159.0	2184.0	2208.0	1630.4	2183.0
Indicator value	0							

Licensee Comments: none

Unplanned Scrams with Complications



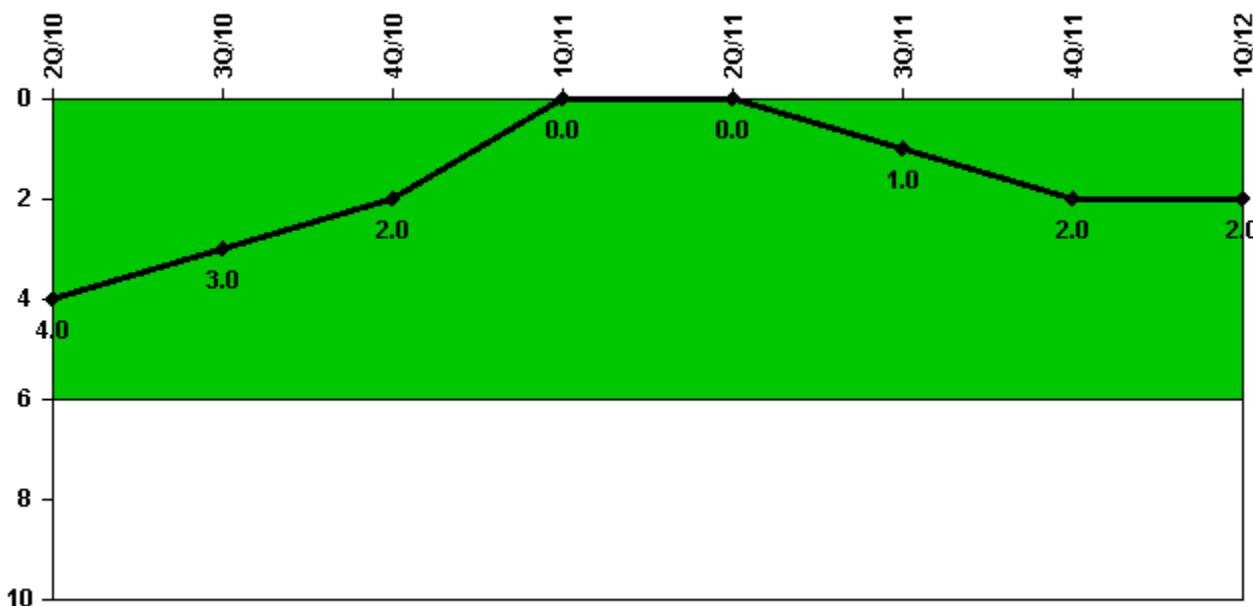
Thresholds: White > 1.0

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	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 (BWR)



Thresholds: White > 6.0

Notes

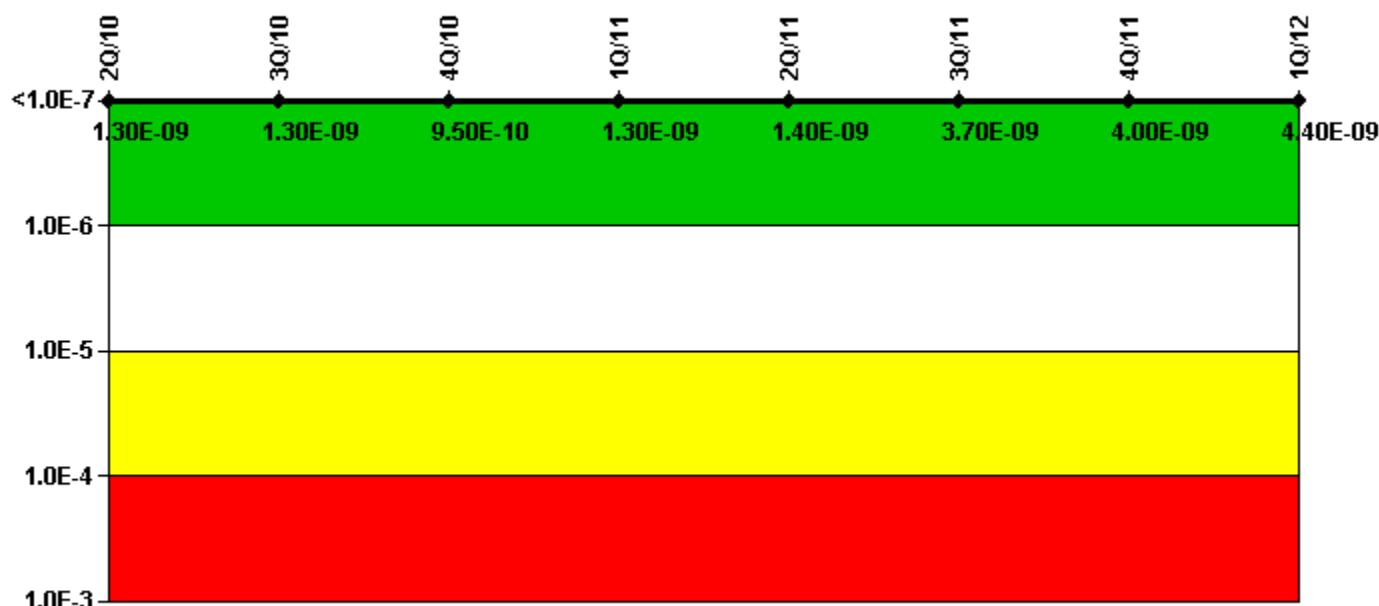
Safety System Functional Failures (BWR)	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Safety System Functional Failures	0	0	0	0	0	1	1	0
Indicator value	4	3	2	0	0	1	2	2

Licensee Comments:

4Q/11: LER 237-2011-004-00, Personnel Error Results in Control Room Emergency Ventilation Air Conditioning System Inoperability, dated 12/16/2011

3Q/11: LER 237/2011-001-00, Loss of CCSW System due to Stop Log Installation, dated 7/18/2011

Mitigating Systems Performance Index, Emergency AC Power System



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

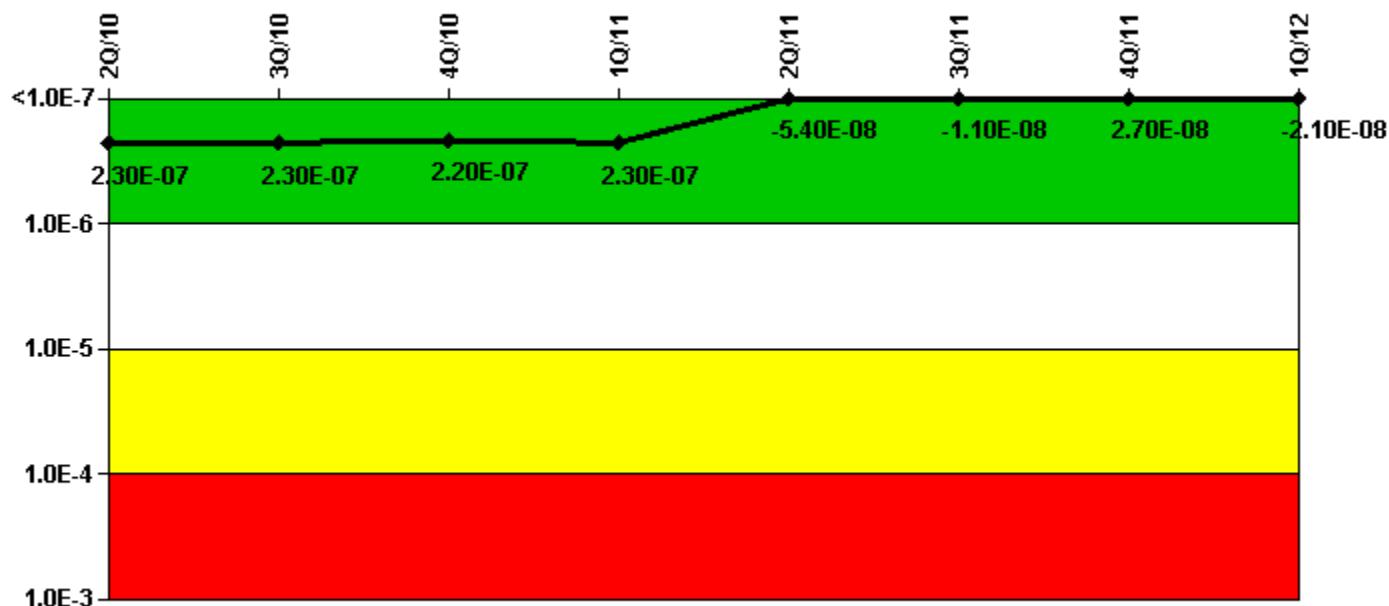
Notes

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)	4.83E-10	5.52E-10	1.54E-10	5.88E-10	8.60E-10	1.46E-09	1.90E-09	2.12E-09
URI (Δ CDF)	7.94E-10	7.88E-10	7.98E-10	7.30E-10	5.38E-10	2.24E-09	2.15E-09	2.25E-09
PLE	NO							
Indicator value	1.30E-09	1.30E-09	9.50E-10	1.30E-09	1.40E-09	3.70E-09	4.00E-09	4.40E-09

Licensee Comments:

4Q/11: The MSPI basis document was revised in late November 2011. The revision (Revision 9) added the Diesel Oil Fuel Transfer Pump to the EDG super component boundary and designated the pump train as a monitored component in accordance with the resolution to FAQ 484. The FAQ resolution has an effective date of 1/1/2012. Therefore, there was no effect on the EDG MSPI data during November or December 2011.

Mitigating Systems Performance Index, High Pressure Injection System



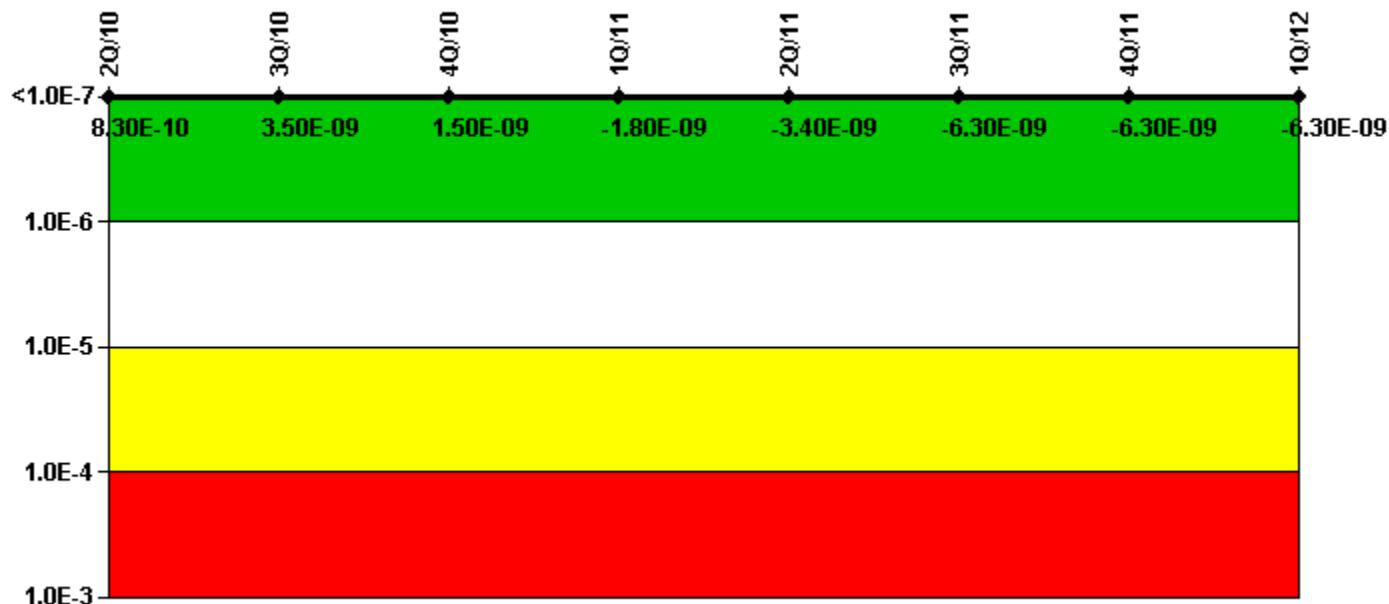
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	-3.63E-08	-3.63E-08	-3.65E-08	-3.65E-08	-4.68E-08	-3.22E-09	3.43E-08	4.49E-08
URI (Δ CDF)	2.61E-07	2.61E-07	2.61E-07	2.61E-07	-7.66E-09	-7.66E-09	-7.66E-09	-6.55E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.30E-07	2.30E-07	2.20E-07	2.30E-07	-5.40E-08	-1.10E-08	2.70E-08	-2.10E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



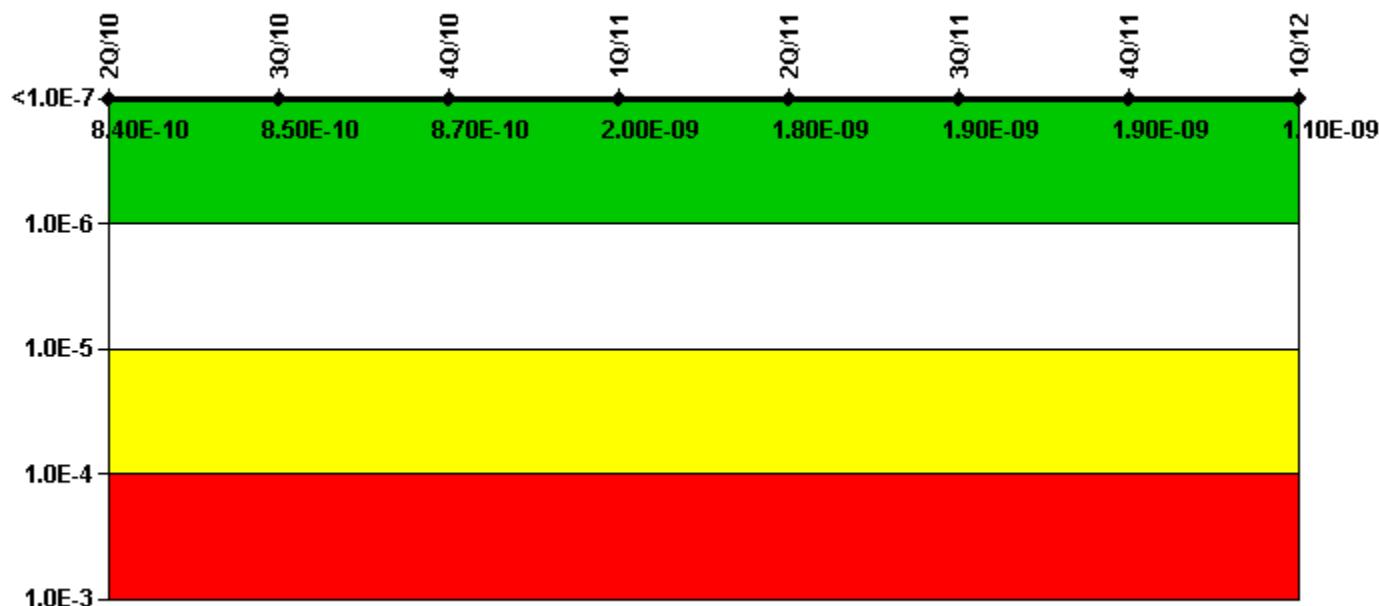
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (Δ CDF)	9.29E-10	3.64E-09	1.59E-09	-1.72E-09	-3.31E-09	-6.24E-09	-6.24E-09	-6.24E-09
URI (Δ CDF)	-9.92E-11	-9.92E-11	-9.92E-11	-9.92E-11	-9.92E-11	-9.92E-11	-9.92E-11	-9.92E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	8.30E-10	3.50E-09	1.50E-09	-1.80E-09	-3.40E-09	-6.30E-09	-6.30E-09	-6.30E-09

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



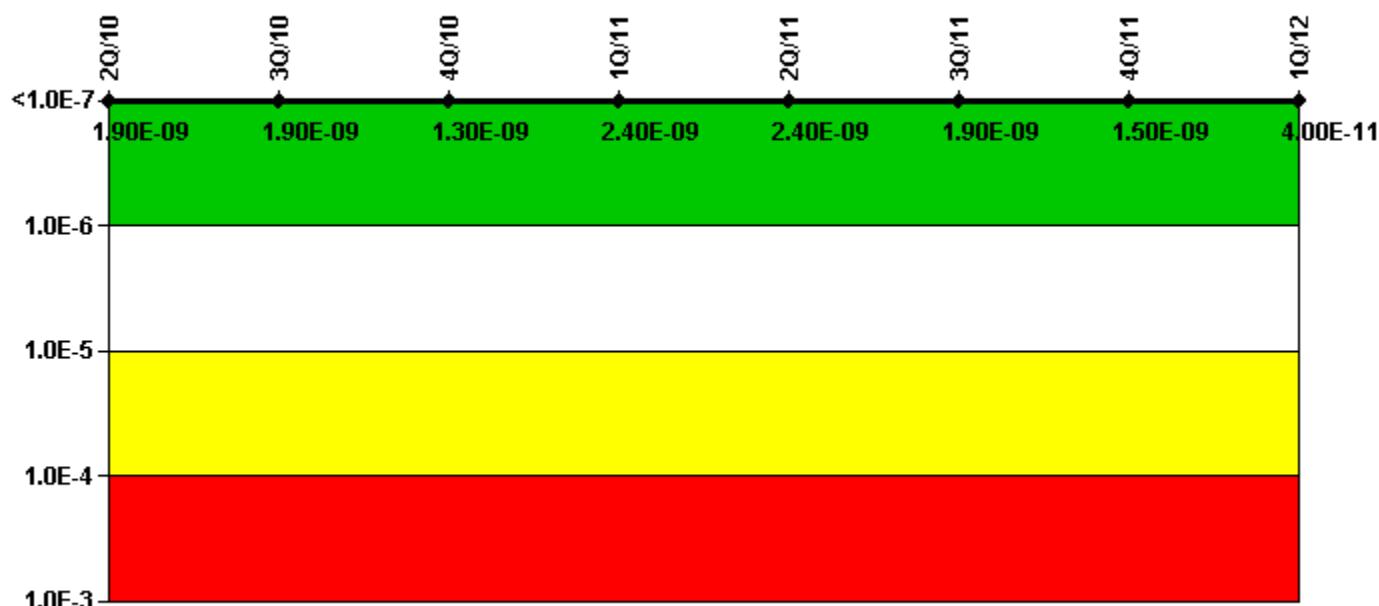
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (Δ CDF)	-3.39E-10	-3.39E-10	-3.42E-10	7.42E-10	5.85E-10	5.71E-10	5.40E-10	-3.16E-10
URI (Δ CDF)	1.18E-09	1.19E-09	1.21E-09	1.22E-09	1.24E-09	1.31E-09	1.37E-09	1.44E-09
PLE	NO							
Indicator value	8.40E-10	8.50E-10	8.70E-10	2.00E-09	1.80E-09	1.90E-09	1.90E-09	1.10E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



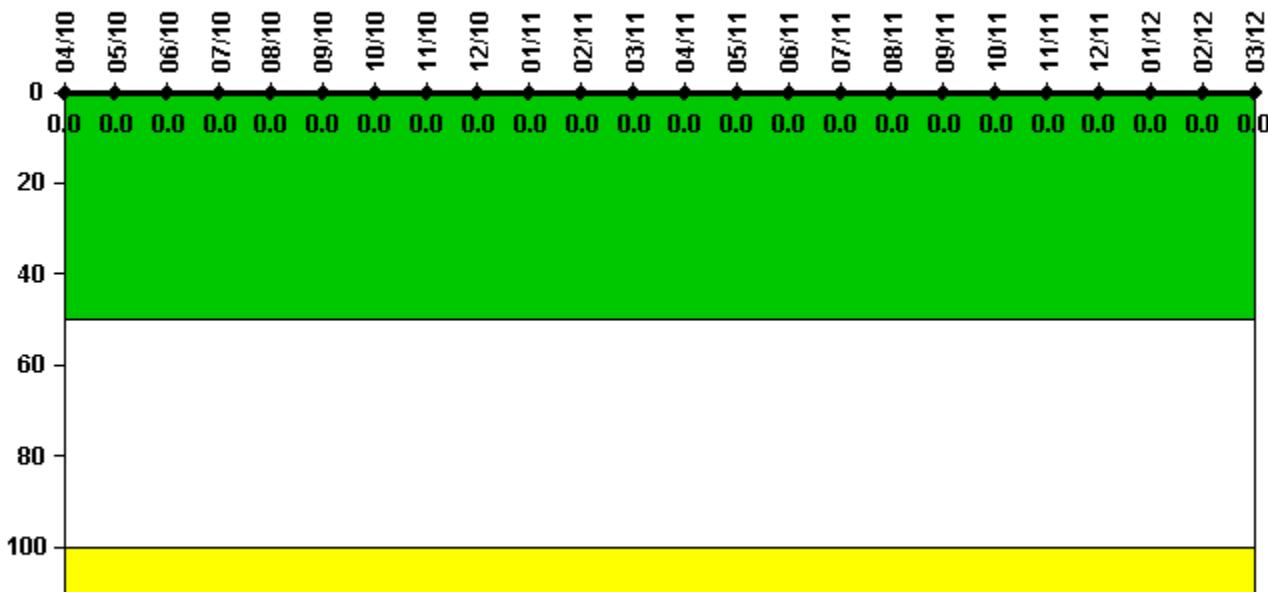
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (Δ CDF)	1.90E-09	1.90E-09	1.28E-09	2.37E-09	2.44E-09	1.93E-09	1.53E-09	5.38E-11
URI (Δ CDF)	-1.56E-11	-1.57E-11	-1.56E-11	-1.56E-11	-1.50E-11	-1.46E-11	-1.43E-11	-1.37E-11
PLE	NO							
Indicator value	1.90E-09	1.90E-09	1.30E-09	2.40E-09	2.40E-09	1.90E-09	1.50E-09	4.00E-11

Licensee Comments: none

Reactor Coolant System Activity



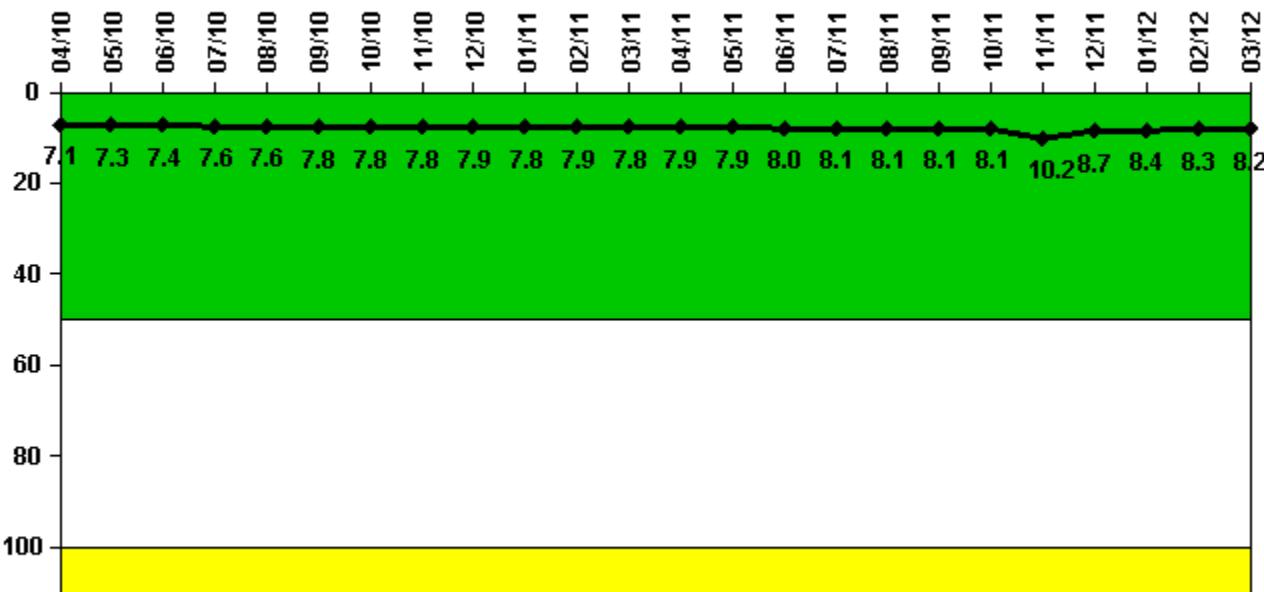
Thresholds: White > 50.0 Yellow > 100.0

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	0.000002	0.000003	0.000003	0.000003	0.000003	0.000003	0.000004	0.000003	0.000004	0.000004	0.000004	0.000005
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	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	0.000005	0.000005	0.000005	0.000009	0.000004	0.000005	0.000004	0.000004	0.000003	0.000003	0.000003	0.000003
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

Notes

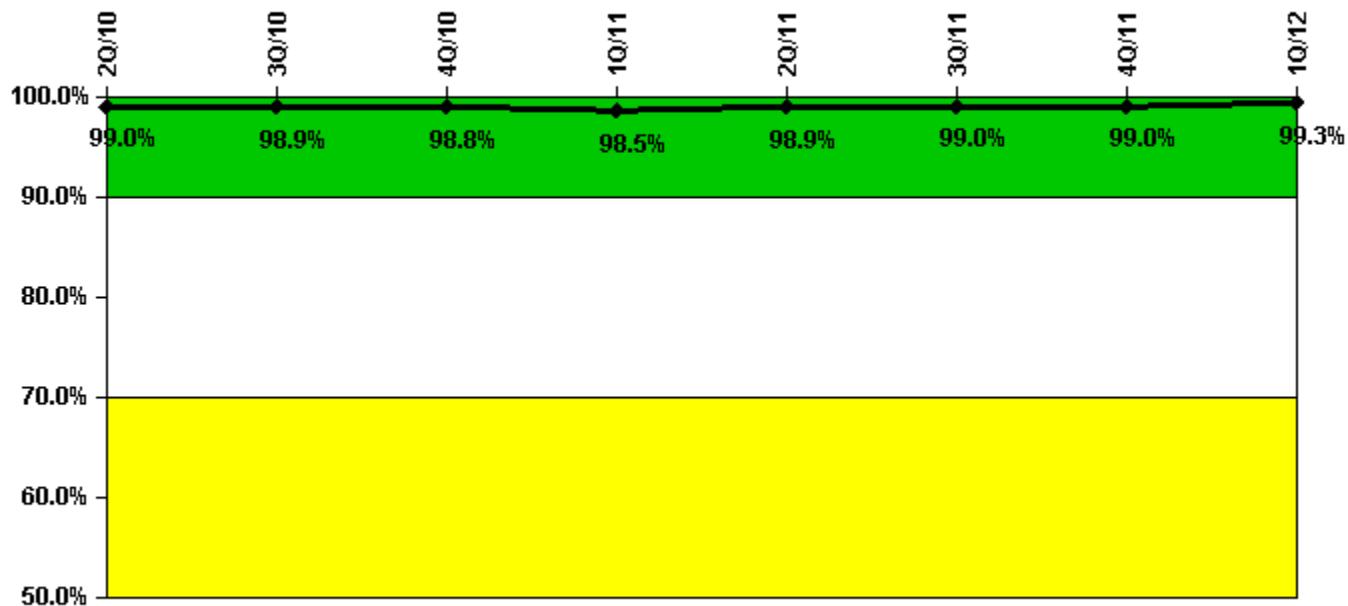
Reactor Coolant System Leakage	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11
Maximum leakage	1.785	1.820	1.852	1.893	1.910	1.943	1.955	1.947	1.972	1.957	1.973	1.950
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	7.1	7.3	7.4	7.6	7.6	7.8	7.8	7.8	7.9	7.8	7.9	7.8
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	1.965	1.977	1.988	2.013	2.025	2.023	2.028	2.550	2.178	2.093	2.070	2.055
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	7.9	7.9	8.0	8.1	8.1	8.1	8.1	10.2	8.7	8.4	8.3	8.2

Licensee Comments:

9/10: Maximum RCS Identified Leakage value was corrected to be the same as Maximum RCS Total Leakage value per NEI 99-02, Rev. 6 guidance. This change affects January - September 2010 RCS leakage data. Indicator color was not affected by this change.

6/10: Maximum RCS Identified Leakage value was corrected to be the same as Maximum RCS Total Leakage value per NEI 99-02, Rev. 6 guidance. This change affects January - September 2010 RCS leakage data. Indicator color was not affected by this change.

Drill/Exercise Performance



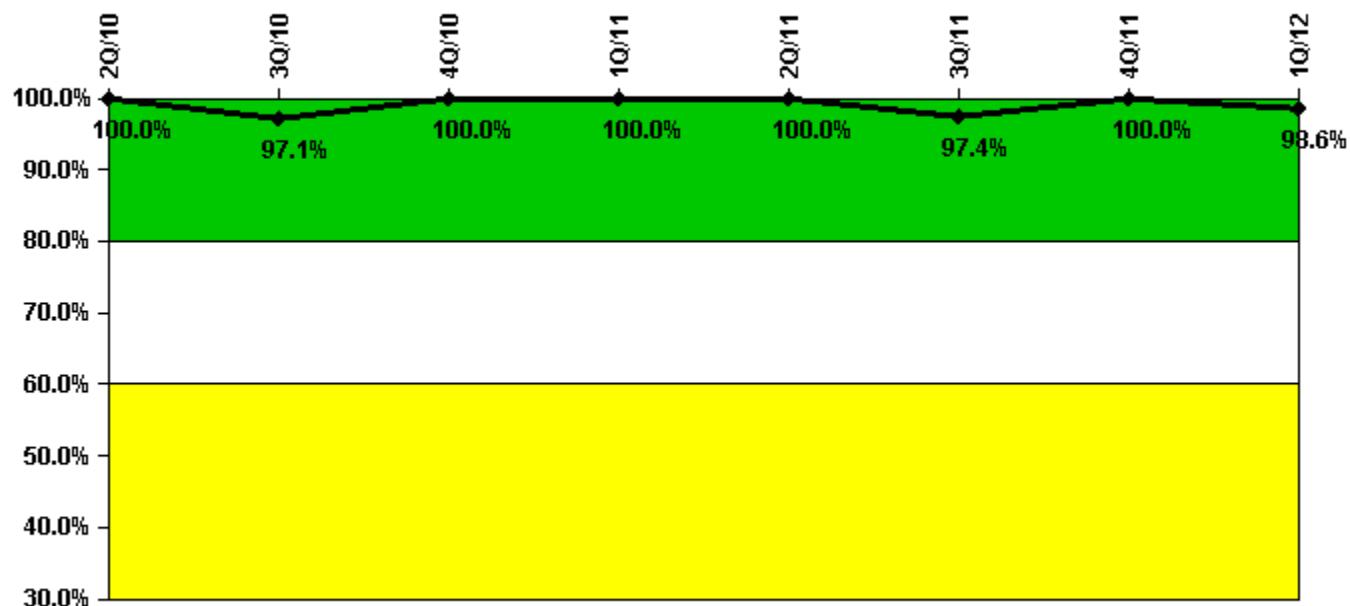
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Successful opportunities	39.0	6.0	8.0	63.0	46.0	62.0	24.0	48.0
Total opportunities	40.0	6.0	8.0	64.0	46.0	62.0	24.0	48.0
Indicator value	99.0%	98.9%	98.8%	98.5%	98.9%	99.0%	99.0%	99.3%

Licensee Comments: none

ERO Drill Participation



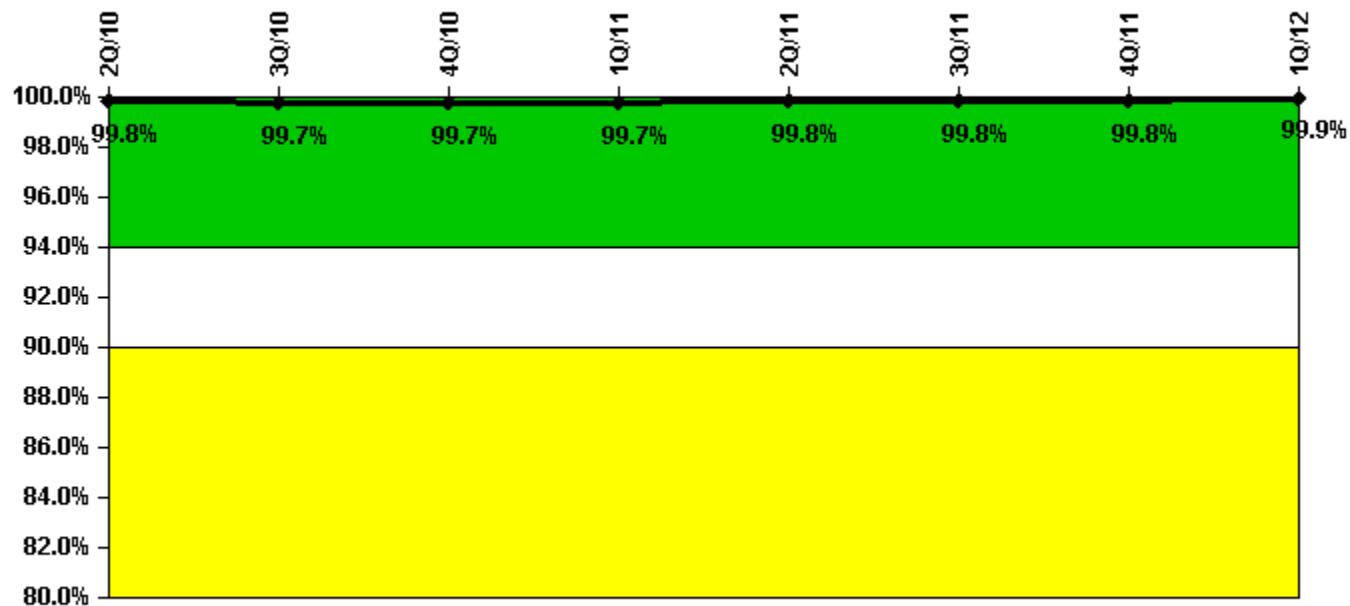
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Participating Key personnel	71.0	66.0	68.0	70.0	71.0	74.0	74.0	72.0
Total Key personnel	71.0	68.0	68.0	70.0	71.0	76.0	74.0	73.0
Indicator value	100.0%	97.1%	100.0%	100.0%	100.0%	97.4%	100.0%	98.6%

Licensee Comments: none

Alert & Notification System



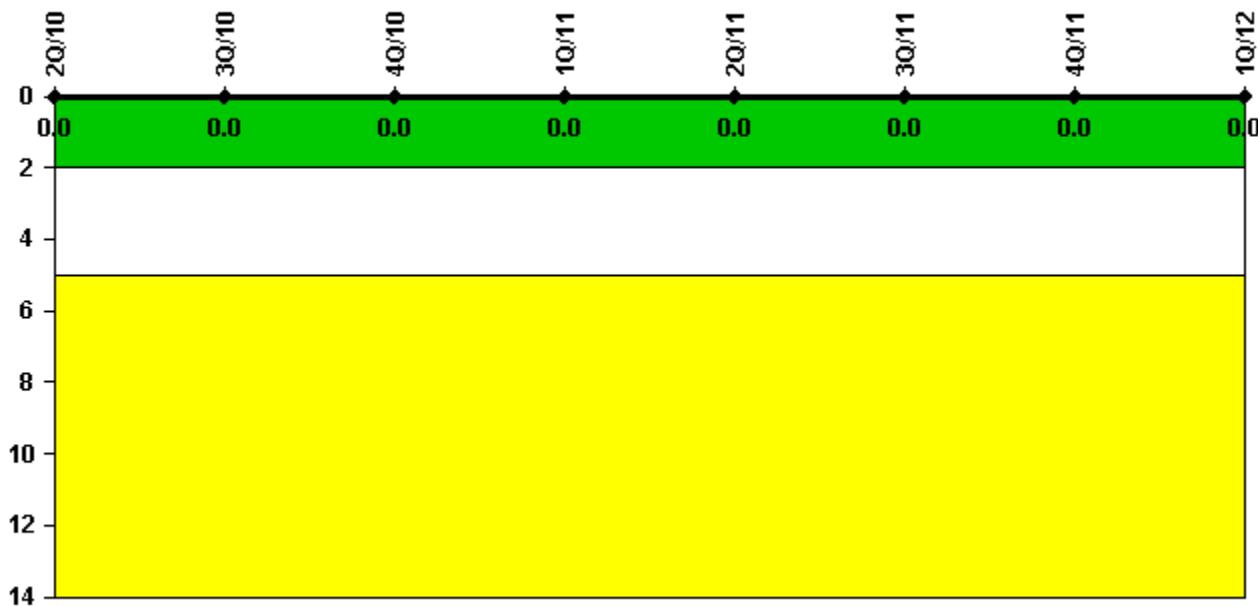
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Successful siren-tests	2929	2979	2988	2940	2936	2940	2940	2989
Total sirens-tests	2944	2990	2990	2944	2944	2944	2944	2990
Indicator value	99.8%	99.7%	99.7%	99.7%	99.8%	99.8%	99.8%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



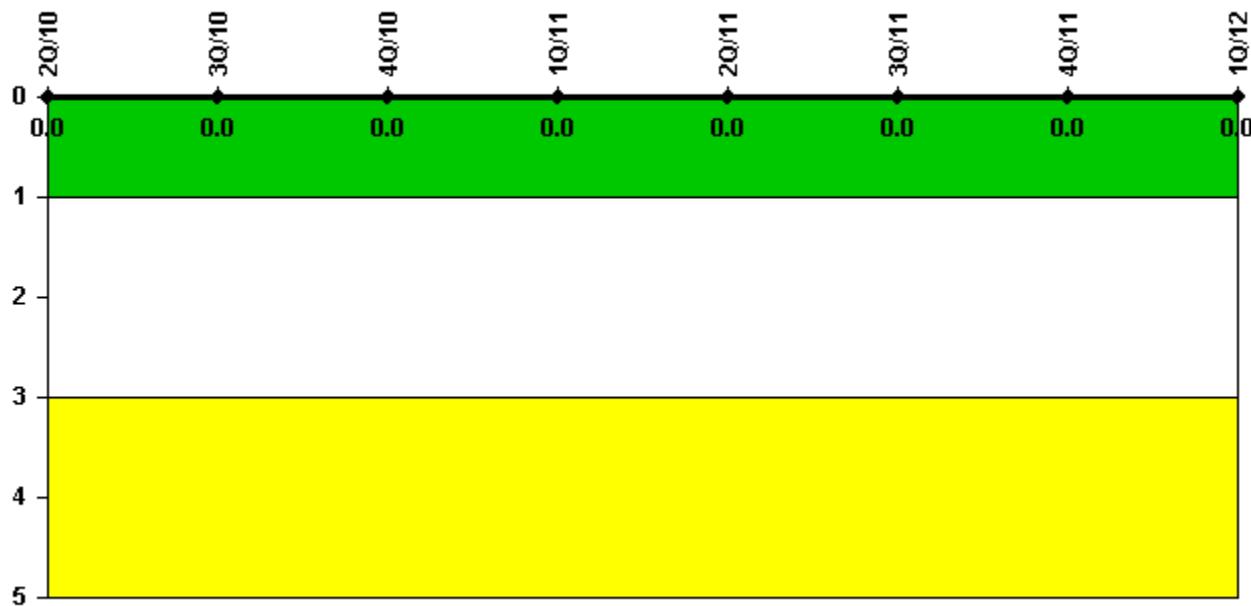
Thresholds: White > 2.0 Yellow > 5.0

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.

Dresden 2

2Q/2012 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



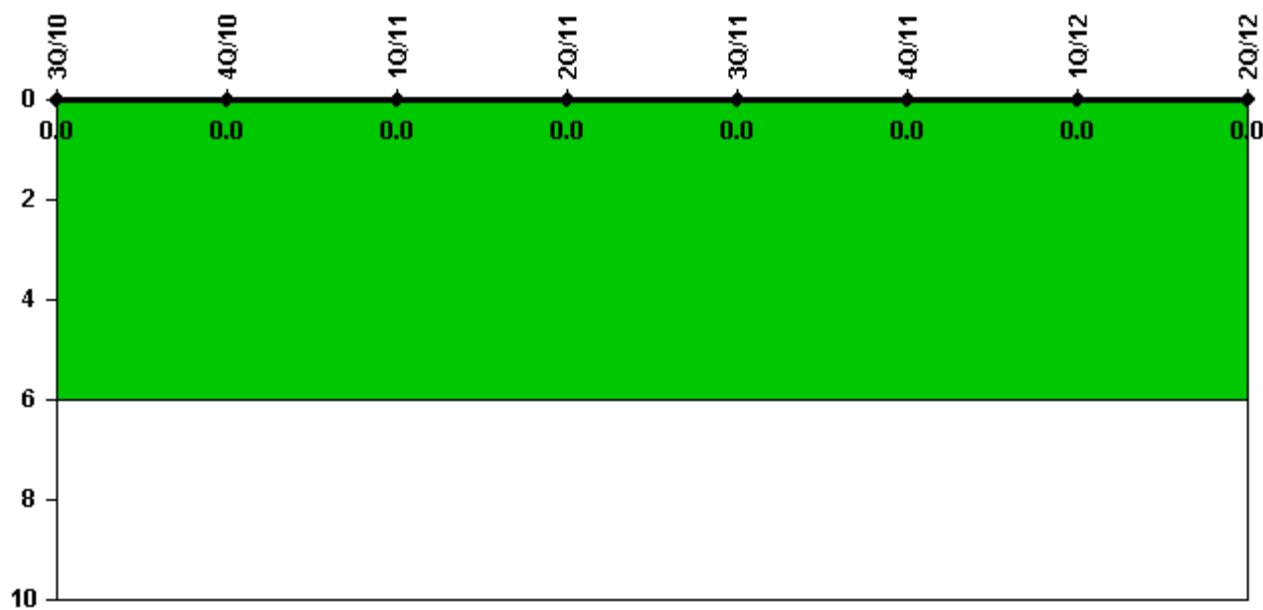
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	0	0	0	0
Critical hours	2208.0	2209.0	2159.0	2184.0	2208.0	1630.4	2183.0	2184.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



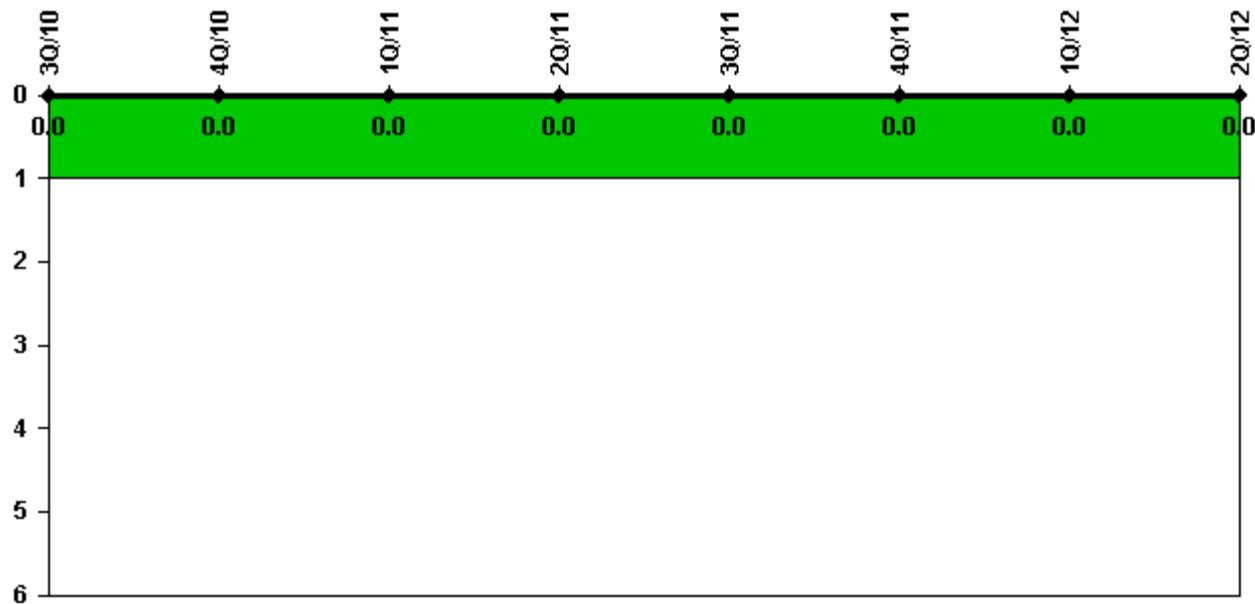
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2208.0	2209.0	2159.0	2184.0	2208.0	1630.4	2183.0	2184.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



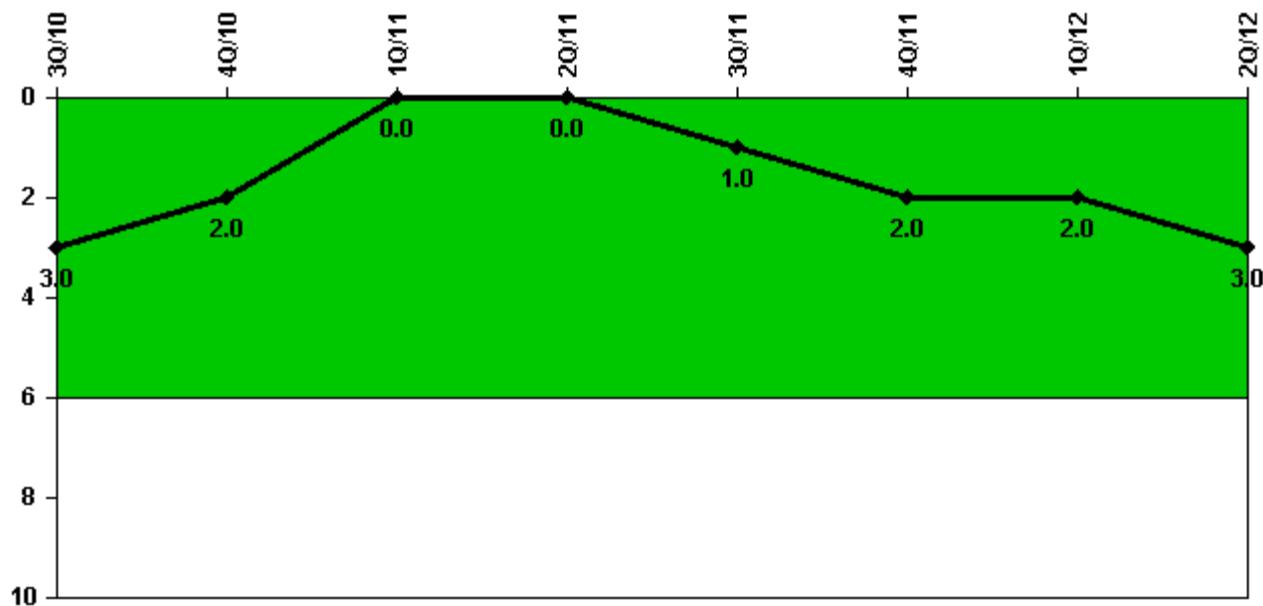
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0							

Licensee Comments: none

Safety System Functional Failures (BWR)



Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Safety System Functional Failures	0	0	0	0	1	1	0	1
Indicator value	3	2	0	0	1	2	2	3

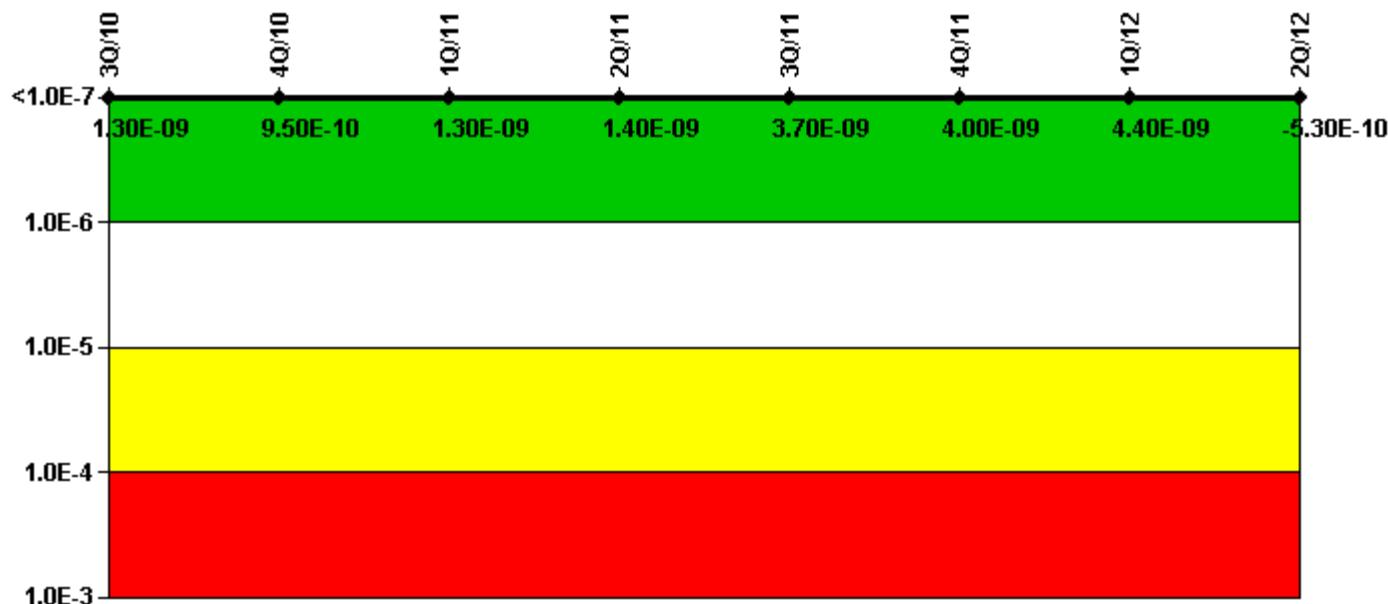
Licensee Comments:

2Q/12: LER 237/2012-001-00, Entire Division of APRM Neutron Flux-High Channels Inoperable as a Result of Power Manuever, dated 4/19/12

4Q/11: LER 237-2011-004-00, Personnel Error Results in Control Room Emergency Ventilation Air Conditioning System Inoperability, dated 12/16/2011

3Q/11: LER 237/2011-001-00, Loss of CCSW System due to Stop Log Installation, dated 7/18/2011

Mitigating Systems Performance Index, Emergency AC Power System



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

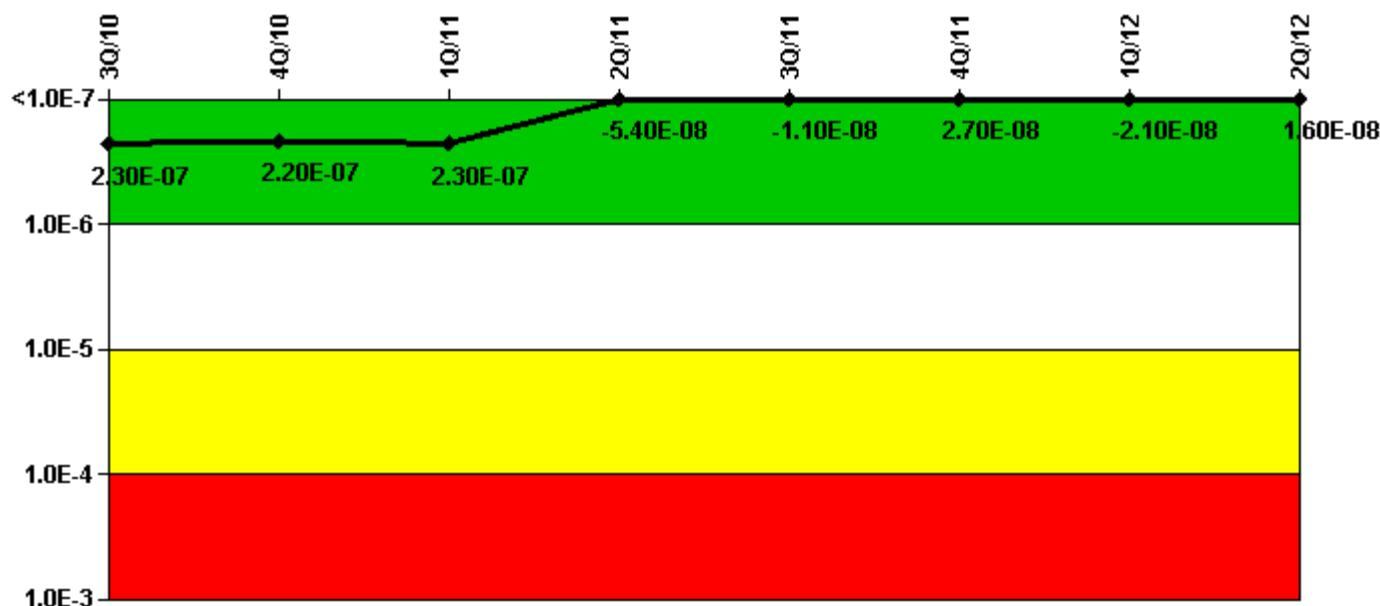
Notes

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)	5.52E-10	1.54E-10	5.88E-10	8.60E-10	1.46E-09	1.90E-09	2.12E-09	1.12E-09
URI (ΔCDF)	7.88E-10	7.98E-10	7.30E-10	5.38E-10	2.24E-09	2.15E-09	2.25E-09	-1.65E-09
PLE	NO							
Indicator value	1.30E-09	9.50E-10	1.30E-09	1.40E-09	3.70E-09	4.00E-09	4.40E-09	-5.30E-10

Licensee Comments:

4Q/11: The MSPI basis document was revised in late November 2011. The revision (Revision 9) added the Diesel Oil Fuel Transfer Pump to the EDG super component boundary and designated the pump train as a monitored component in accordance with the resolution to FAQ 484. The FAQ resolution has an effective date of 1/1/2012. Therefore, there was no effect on the EDG MSPI data during November or December 2011.

Mitigating Systems Performance Index, High Pressure Injection System



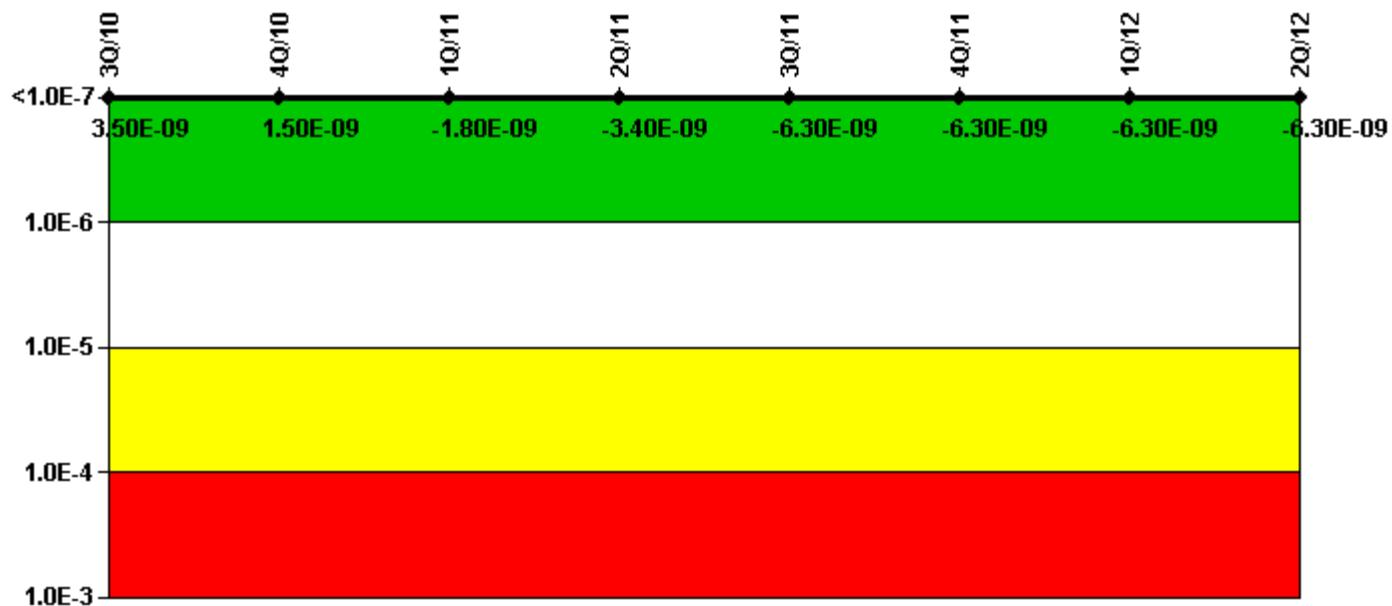
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (ΔCDF)	-3.63E-08	-3.65E-08	-3.65E-08	-4.68E-08	-3.22E-09	3.43E-08	4.49E-08	8.10E-08
URI (ΔCDF)	2.61E-07	2.61E-07	2.61E-07	-7.66E-09	-7.66E-09	-7.66E-09	-6.55E-08	-6.55E-08
PLE	NO							
Indicator value	2.30E-07	2.20E-07	2.30E-07	-5.40E-08	-1.10E-08	2.70E-08	-2.10E-08	1.60E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



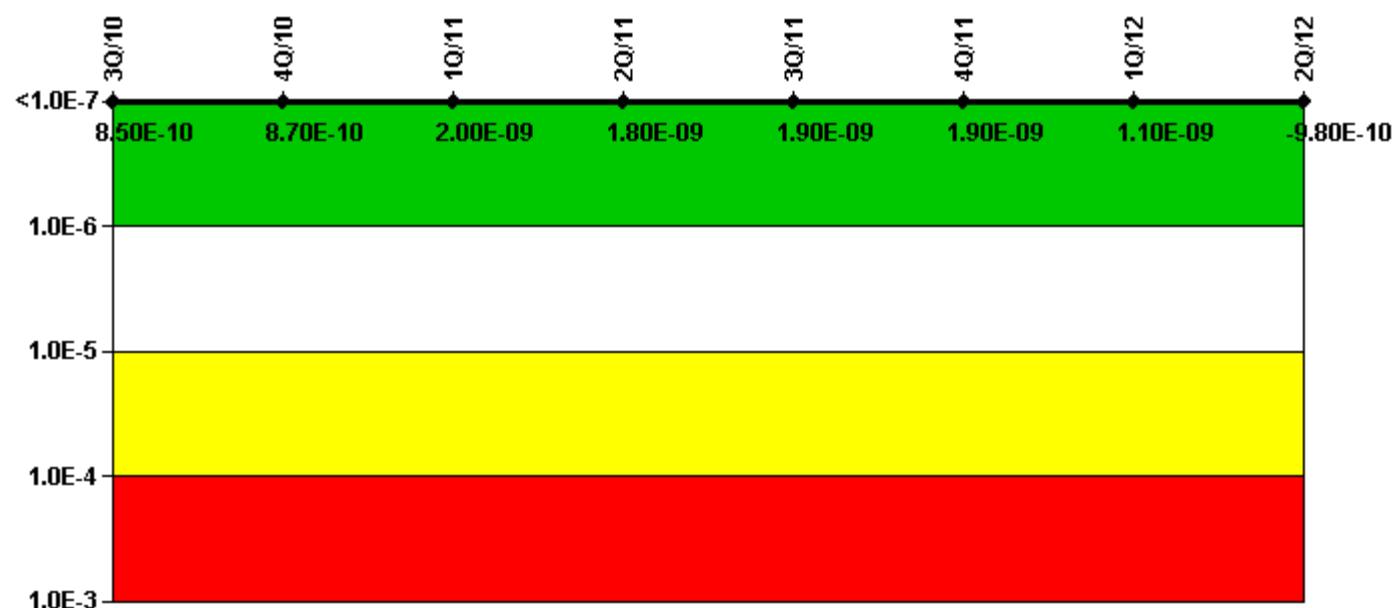
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (Δ CDF)	3.64E-09	1.59E-09	-1.72E-09	-3.31E-09	-6.24E-09	-6.24E-09	-6.24E-09	-6.24E-09
URI (Δ CDF)	-9.92E-11	-9.92E-11	-9.92E-11	-9.92E-11	-9.92E-11	-9.92E-11	-9.92E-11	-9.92E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.50E-09	1.50E-09	-1.80E-09	-3.40E-09	-6.30E-09	-6.30E-09	-6.30E-09	-6.30E-09

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



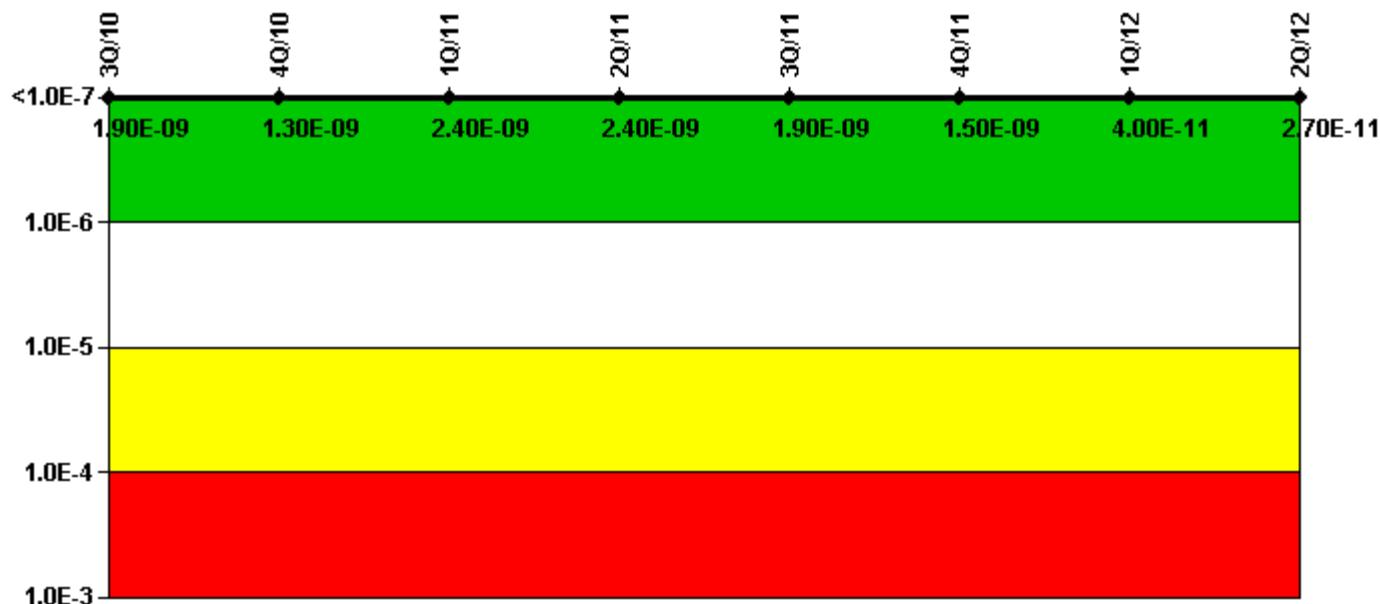
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (Δ CDF)	-3.39E-10	-3.42E-10	7.42E-10	5.85E-10	5.71E-10	5.40E-10	-3.16E-10	-3.74E-10
URI (Δ CDF)	1.19E-09	1.21E-09	1.22E-09	1.24E-09	1.31E-09	1.37E-09	1.44E-09	-6.01E-10
PLE	NO							
Indicator value	8.50E-10	8.70E-10	2.00E-09	1.80E-09	1.90E-09	1.90E-09	1.10E-09	-9.80E-10

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



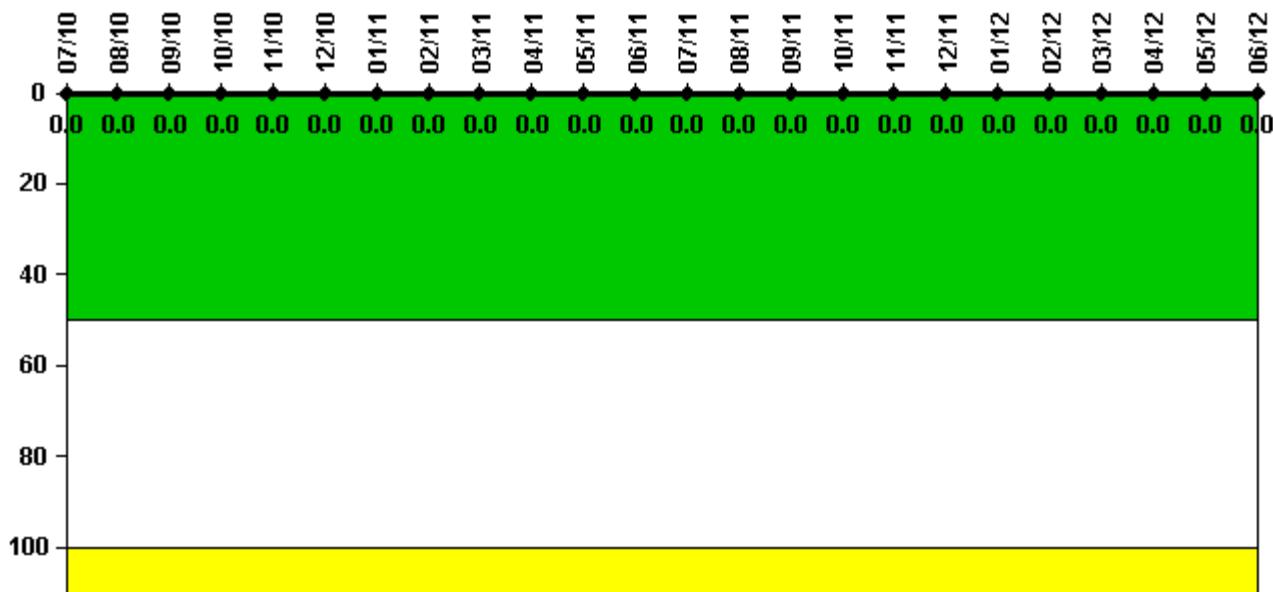
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	1.90E-09	1.28E-09	2.37E-09	2.44E-09	1.93E-09	1.53E-09	5.38E-11	4.00E-11
URI (ΔCDF)	-1.57E-11	-1.56E-11	-1.56E-11	-1.50E-11	-1.46E-11	-1.43E-11	-1.37E-11	-1.31E-11
PLE	NO							
Indicator value	1.90E-09	1.30E-09	2.40E-09	2.40E-09	1.90E-09	1.50E-09	4.00E-11	2.70E-11

Licensee Comments: none

Reactor Coolant System Activity



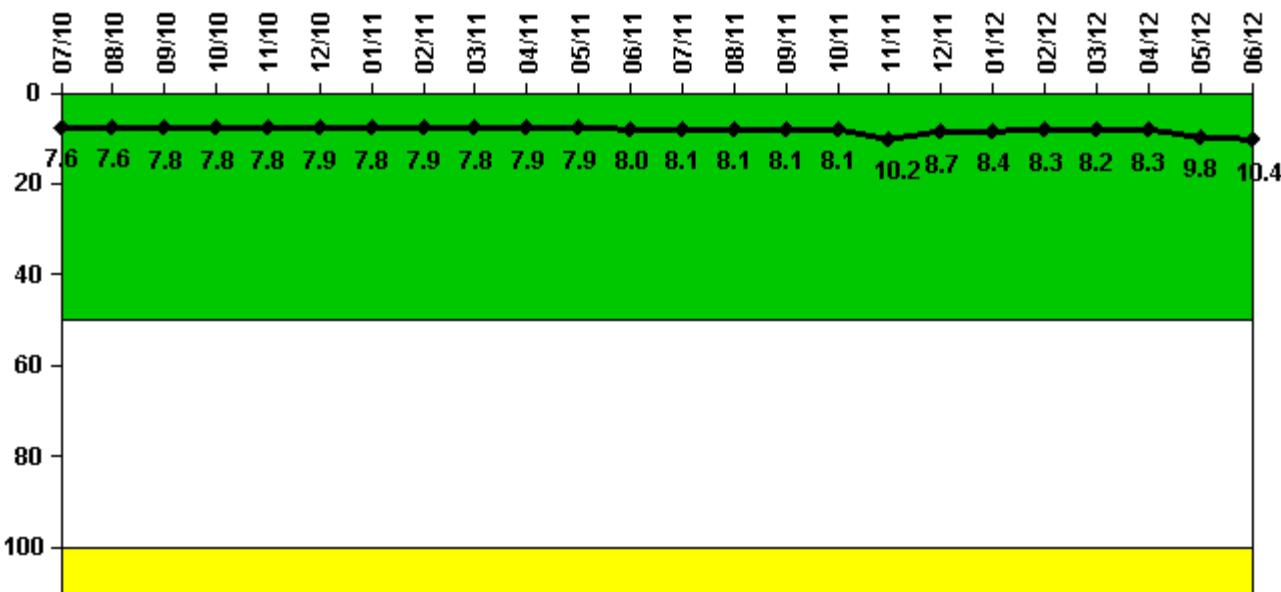
Thresholds: White > 50.0 Yellow > 100.0

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	0.000003	0.000003	0.000003	0.000004	0.000003	0.000004	0.000004	0.000004	0.000005	0.000005	0.000005	0.000005
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0											
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	0.000009	0.000004	0.000005	0.000004	0.000004	0.000003	0.000003	0.000003	0.000003	0.000003	0.000005	0.000005
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0											

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

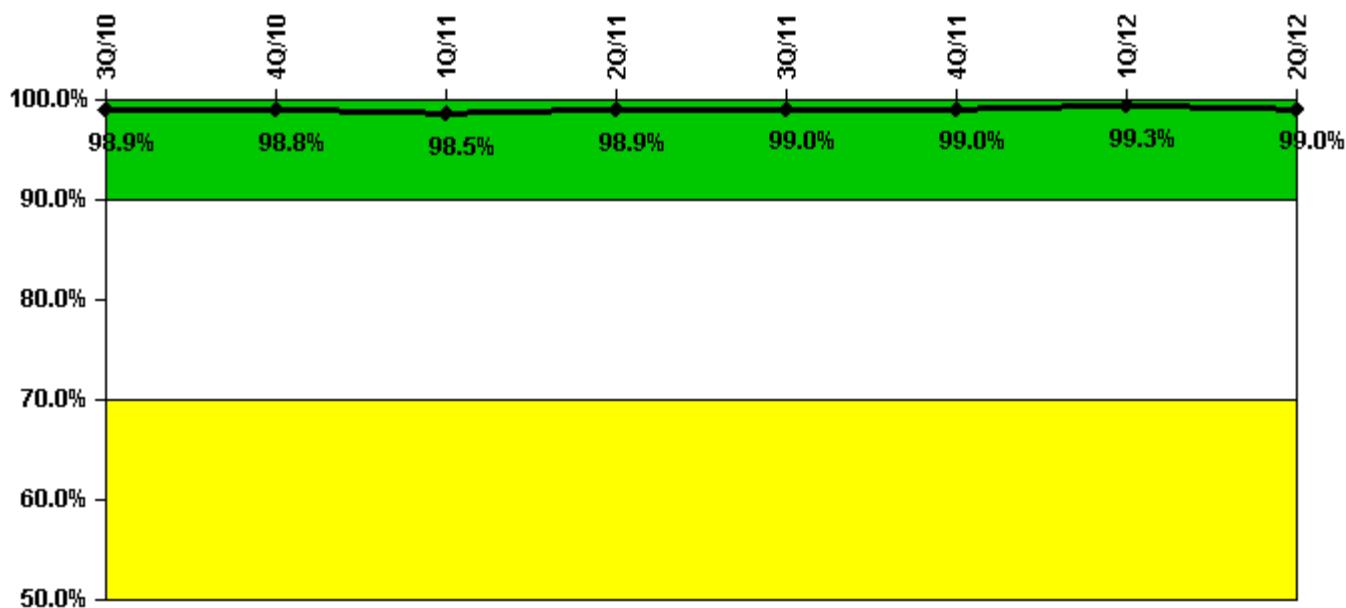
Notes

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	1.893	1.910	1.943	1.955	1.947	1.972	1.957	1.973	1.950	1.965	1.977	1.988
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	7.6	7.6	7.8	7.8	7.8	7.9	7.8	7.9	7.8	7.9	7.9	8.0
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	2.013	2.025	2.023	2.028	2.550	2.178	2.093	2.070	2.055	2.087	2.462	2.610
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	8.1	8.1	8.1	8.1	10.2	8.7	8.4	8.3	8.2	8.3	9.8	10.4

Licensee Comments:

9/10: Maximum RCS Identified Leakage value was corrected to be the same as Maximum RCS Total Leakage value per NEI 99-02, Rev. 6 guidance. This change affects January - September 2010 RCS leakage data. Indicator color was not affected by this change.

Drill/Exercise Performance



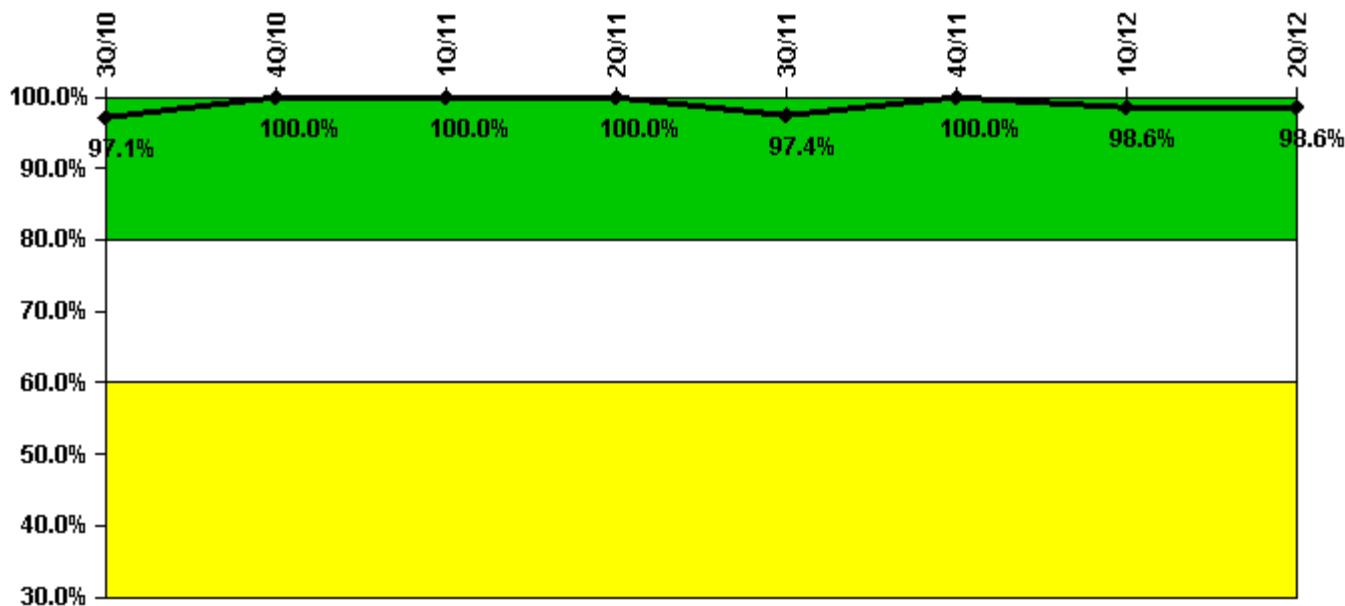
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Successful opportunities	6.0	8.0	63.0	46.0	62.0	24.0	48.0	49.0
Total opportunities	6.0	8.0	64.0	46.0	62.0	24.0	48.0	51.0
Indicator value	98.9%	98.8%	98.5%	98.9%	99.0%	99.0%	99.3%	99.0%

Licensee Comments: none

ERO Drill Participation



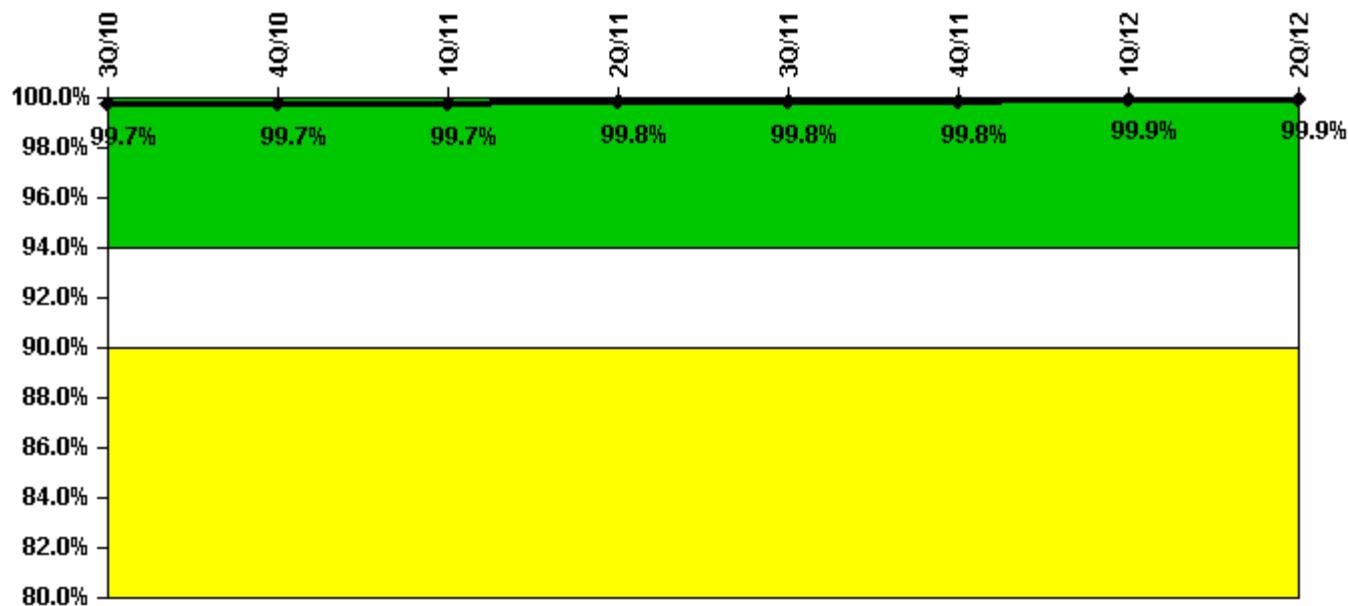
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Participating Key personnel	66.0	68.0	70.0	71.0	74.0	74.0	72.0	70.0
Total Key personnel	68.0	68.0	70.0	71.0	76.0	74.0	73.0	71.0
Indicator value	97.1%	100.0%	100.0%	100.0%	97.4%	100.0%	98.6%	98.6%

Licensee Comments: none

Alert & Notification System



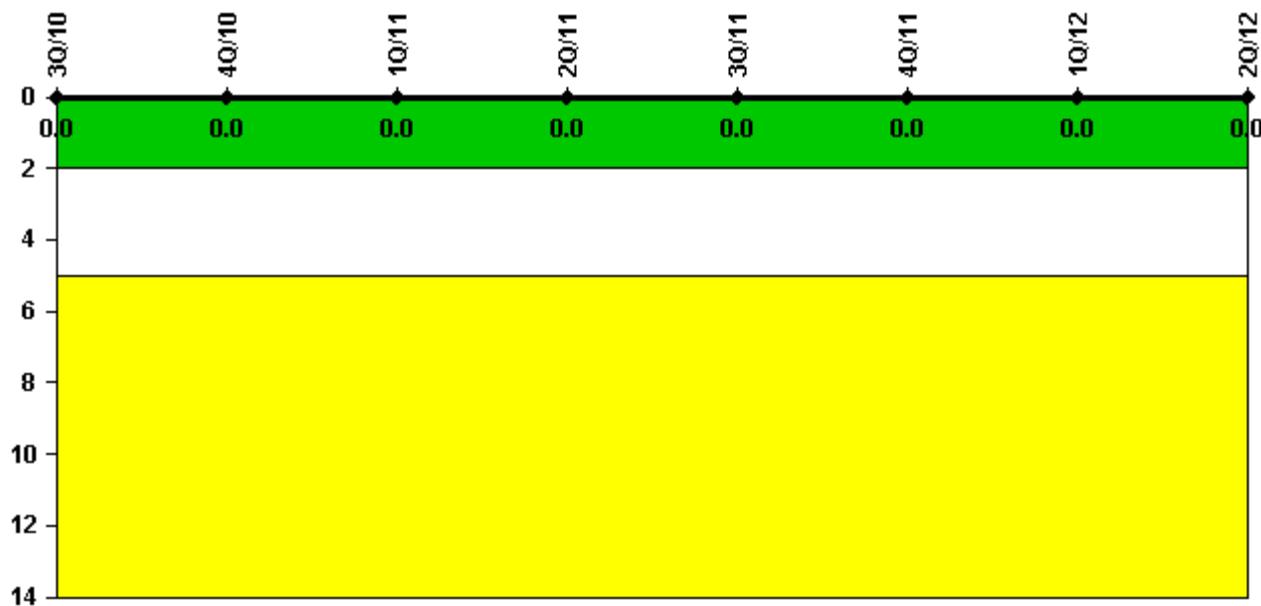
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Successful siren-tests	2979	2988	2940	2936	2940	2940	2989	2940
Total sirens-tests	2990	2990	2944	2944	2944	2944	2990	2944
Indicator value	99.7%	99.7%	99.7%	99.8%	99.8%	99.8%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



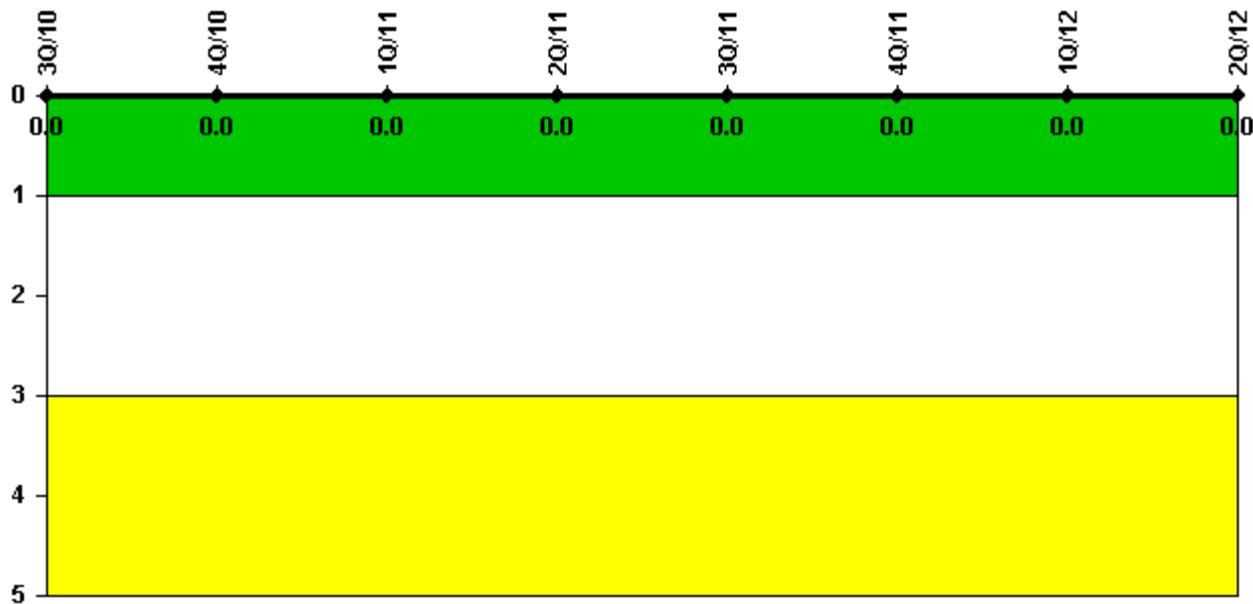
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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](#)

Dresden 2

3Q/2012 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



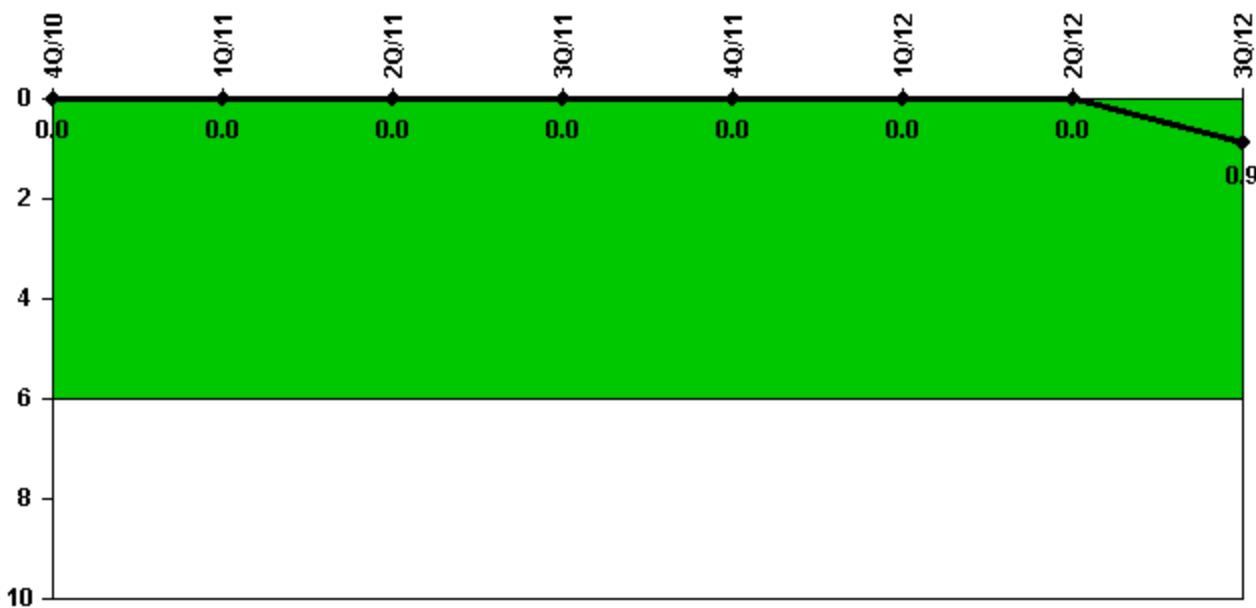
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2209.0	2159.0	2184.0	2208.0	1630.4	2183.0	2184.0	2082.0
Indicator value	0							

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



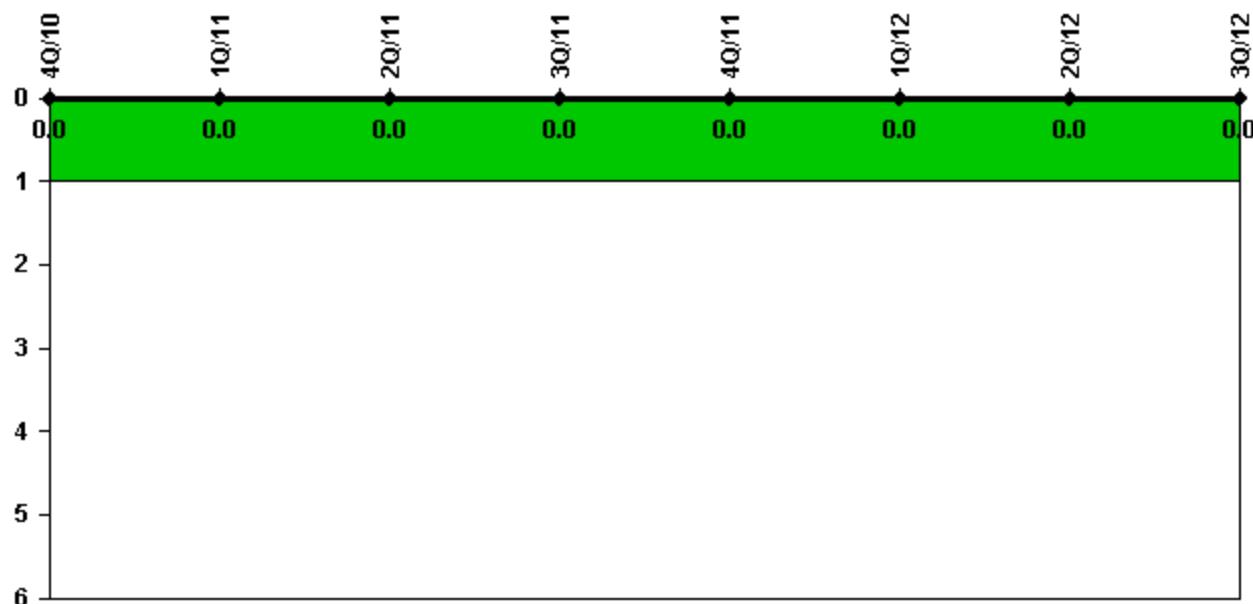
Thresholds: White > 6.0

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	0	0	0	1.0
Critical hours	2209.0	2159.0	2184.0	2208.0	1630.4	2183.0	2184.0	2082.0
Indicator value	0	0.9						

Licensee Comments: none

Unplanned Scrams with Complications



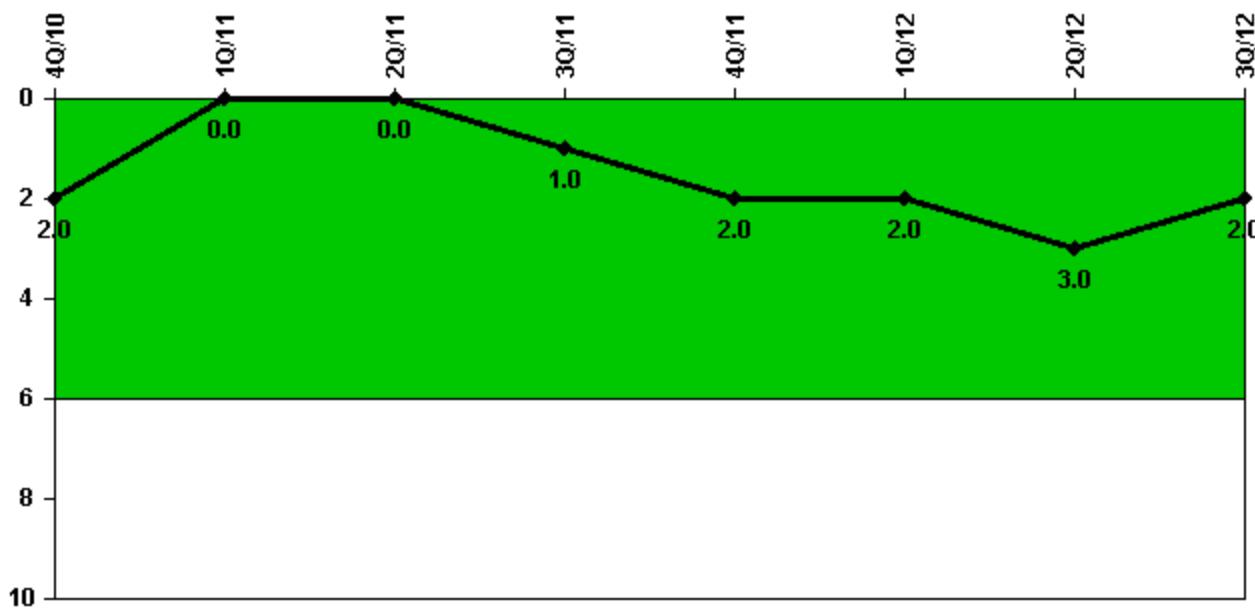
Thresholds: White > 1.0

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	0	0	0	0	0
Indicator value	0.0							

Licensee Comments: none

Safety System Functional Failures (BWR)



Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Safety System Functional Failures	0	0	0	1	1	0	1	0
Indicator value	2	0	0	1	2	2	3	2

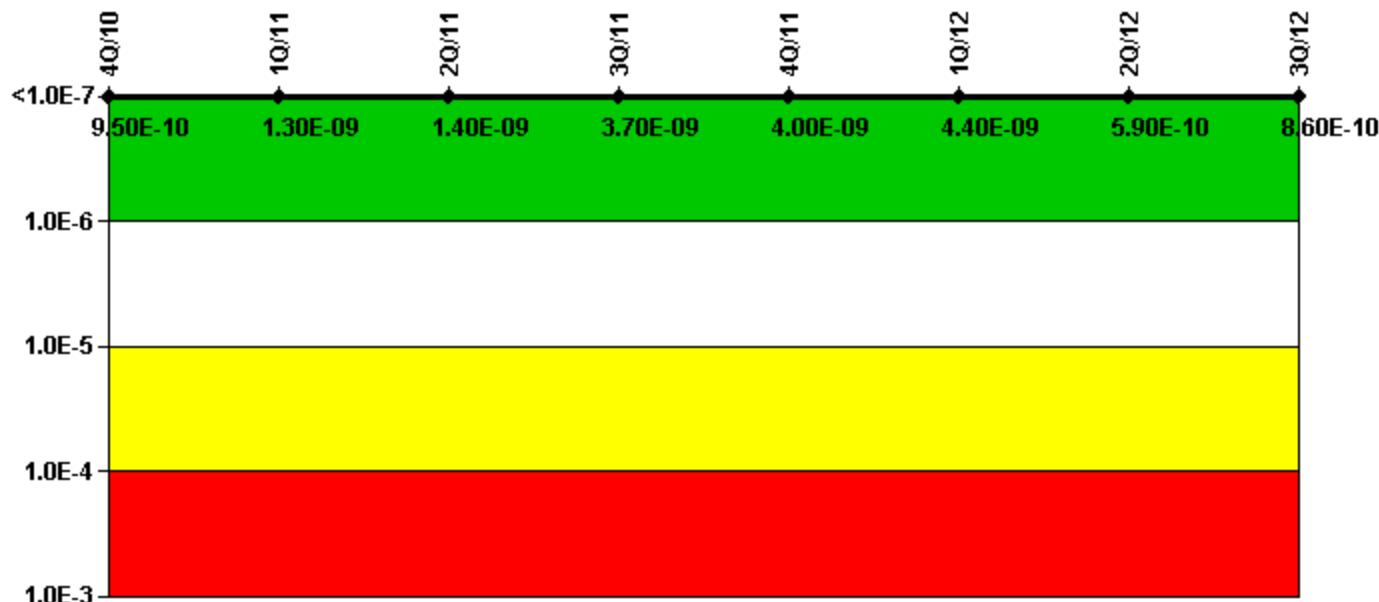
Licensee Comments:

2Q/12: LER 237/2012-001-00, Entire Division of APRM Neutron Flux-High Channels Inoperable as a Result of Power Manuever, dated 4/19/12

4Q/11: LER 237-2011-004-00, Personnel Error Results in Control Room Emergency Ventilation Air Conditioning System Inoperability, dated 12/16/2011

3Q/11: LER 237/2011-001-00, Loss of CCSW System due to Stop Log Installation, dated 7/18/2011

Mitigating Systems Performance Index, Emergency AC Power System



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

Notes

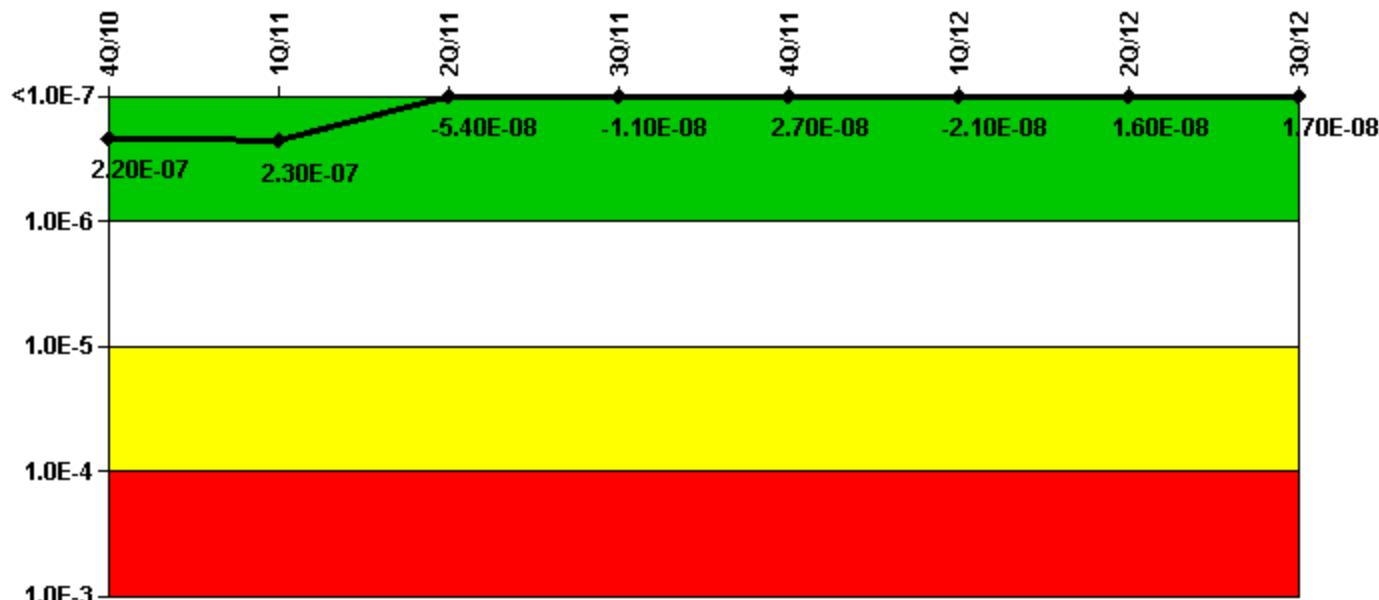
Mitigating Systems Performance Index, Emergency AC Power System	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
UAI (Δ CDF)	1.54E-10	5.88E-10	8.60E-10	1.46E-09	1.90E-09	2.12E-09	1.12E-09	1.40E-09
URI (Δ CDF)	7.98E-10	7.30E-10	5.38E-10	2.24E-09	2.15E-09	2.25E-09	-5.34E-10	-5.35E-10
PLE	NO							
Indicator value	9.50E-10	1.30E-09	1.40E-09	3.70E-09	4.00E-09	4.40E-09	5.90E-10	8.60E-10

Licensee Comments:

2Q/12: There is one MSPI failure as documented in IR 1374428 for the failure of the Unit 2 DGCWP to start during a surveillance demand.

4Q/11: The MSPI basis document was revised in late November 2011. The revision (Revision 9) added the Diesel Oil Fuel Transfer Pump to the EDG super component boundary and designated the pump train as a monitored component in accordance with the resolution to FAQ 484. The FAQ resolution has an effective date of 1/1/2012. Therefore, there was no effect on the EDG MSPI data during November or December 2011.

Mitigating Systems Performance Index, High Pressure Injection System



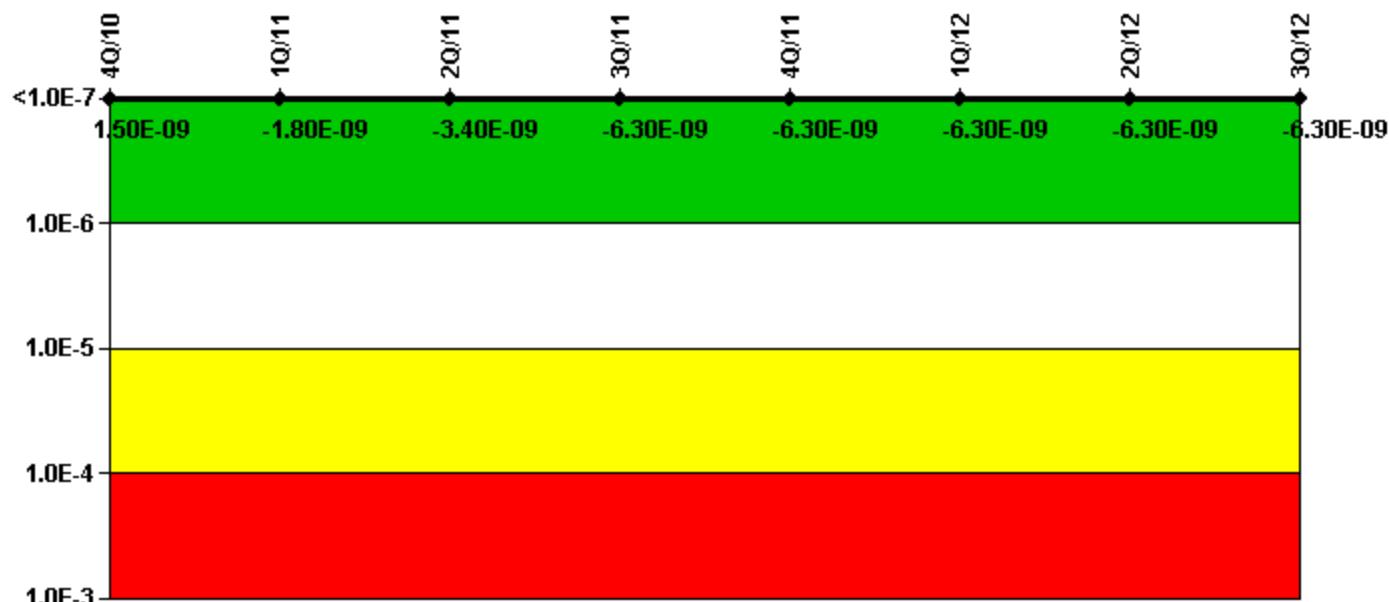
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	-3.65E-08	-3.65E-08	-4.68E-08	-3.22E-09	3.43E-08	4.49E-08	8.10E-08	8.26E-08
URI (Δ CDF)	2.61E-07	2.61E-07	-7.66E-09	-7.66E-09	-7.66E-09	-6.55E-08	-6.55E-08	-6.55E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.20E-07	2.30E-07	-5.40E-08	-1.10E-08	2.70E-08	-2.10E-08	1.60E-08	1.70E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



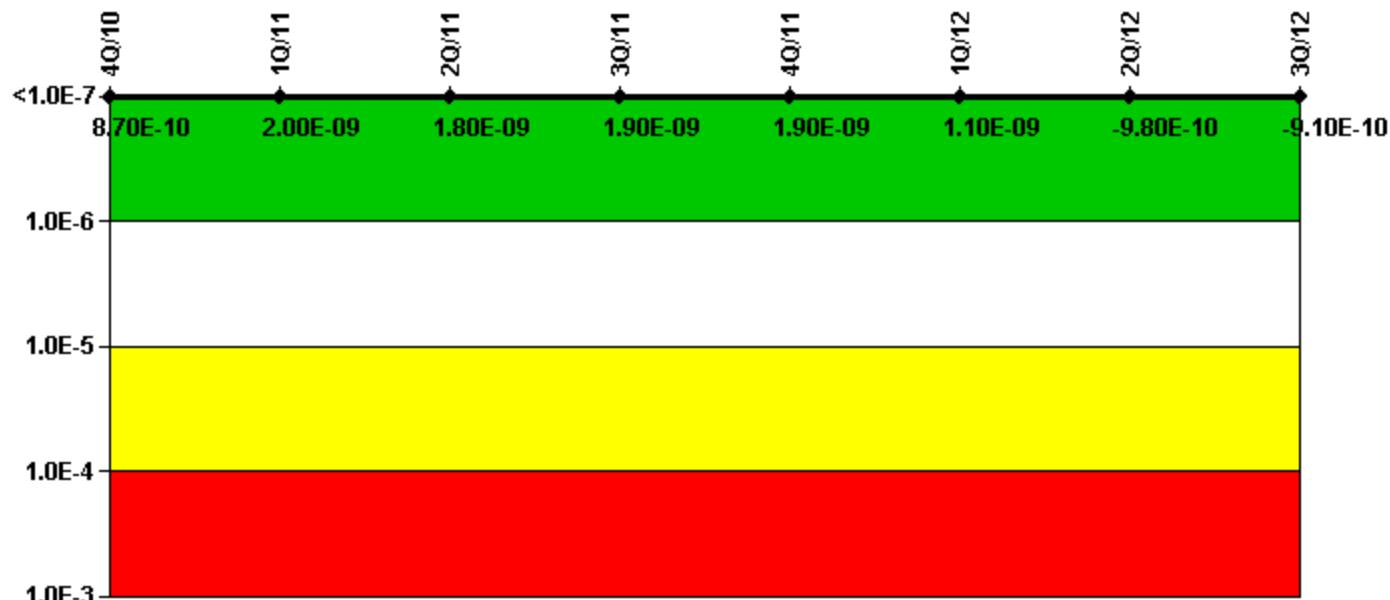
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
UAI (Δ CDF)	1.59E-09	-1.72E-09	-3.31E-09	-6.24E-09	-6.24E-09	-6.24E-09	-6.24E-09	-6.24E-09
URI (Δ CDF)	-9.92E-11	-9.92E-11	-9.92E-11	-9.92E-11	-9.92E-11	-9.92E-11	-9.92E-11	-9.92E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.50E-09	-1.80E-09	-3.40E-09	-6.30E-09	-6.30E-09	-6.30E-09	-6.30E-09	-6.30E-09

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



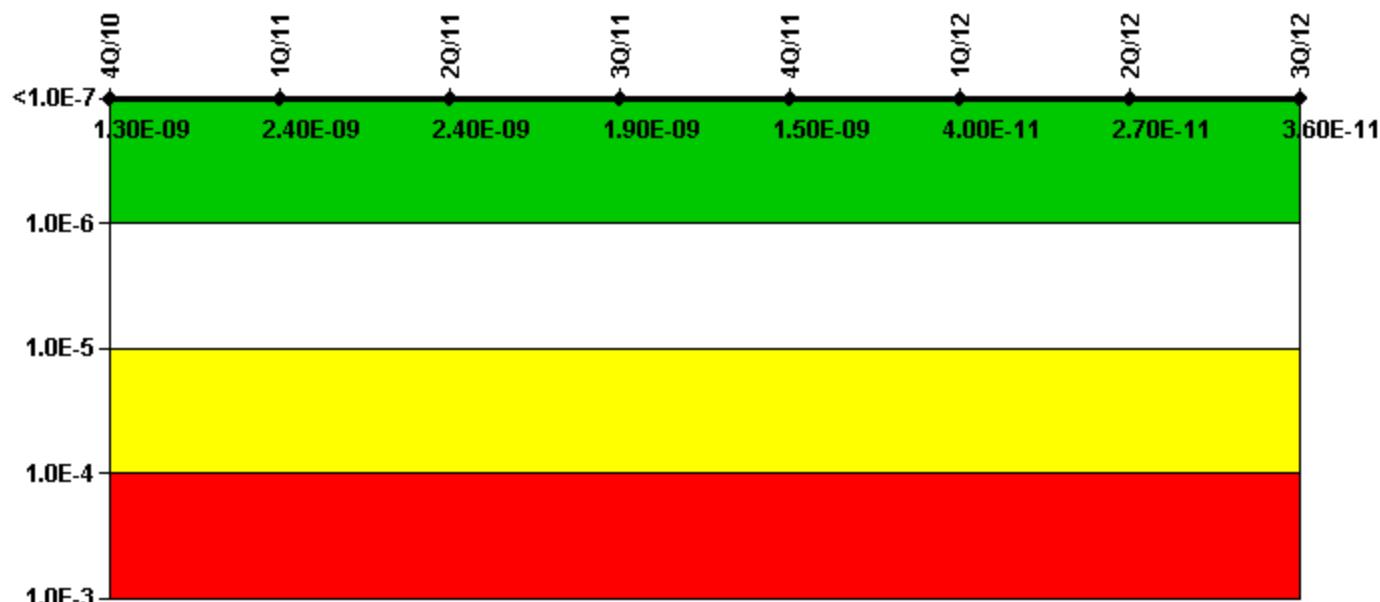
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
UAI (Δ CDF)	-3.42E-10	7.42E-10	5.85E-10	5.71E-10	5.40E-10	-3.16E-10	-3.74E-10	-3.65E-10
URI (Δ CDF)	1.21E-09	1.22E-09	1.24E-09	1.31E-09	1.37E-09	1.44E-09	-6.01E-10	-5.41E-10
PLE	NO	NO						
Indicator value	8.70E-10	2.00E-09	1.80E-09	1.90E-09	1.90E-09	1.10E-09	-9.80E-10	-9.10E-10

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



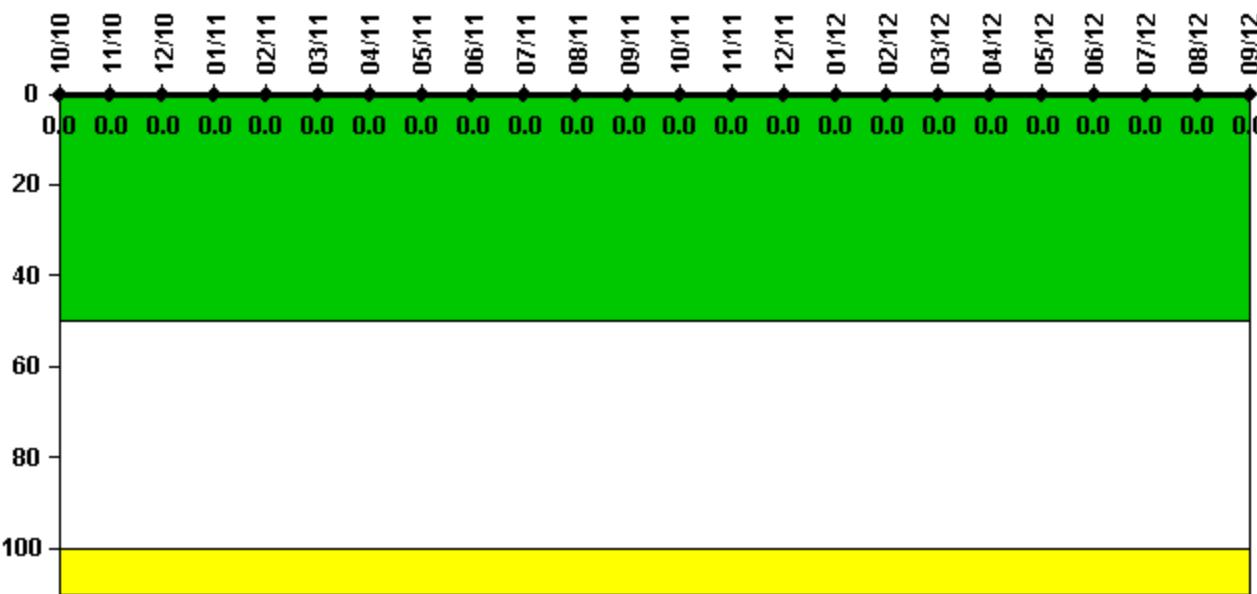
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
UAI (Δ CDF)	1.28E-09	2.37E-09	2.44E-09	1.93E-09	1.53E-09	5.38E-11	4.00E-11	4.76E-11
URI (Δ CDF)	-1.56E-11	-1.56E-11	-1.50E-11	-1.46E-11	-1.43E-11	-1.37E-11	-1.31E-11	-1.18E-11
PLE	NO							
Indicator value	1.30E-09	2.40E-09	2.40E-09	1.90E-09	1.50E-09	4.00E-11	2.70E-11	3.60E-11

Licensee Comments: none

Reactor Coolant System Activity



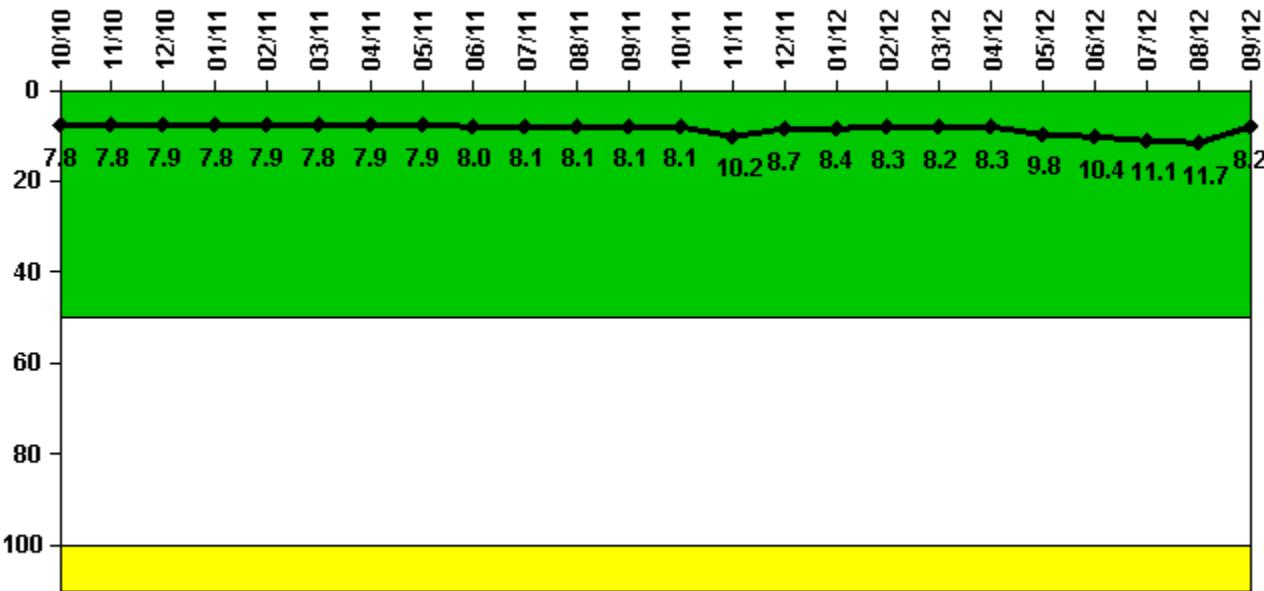
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/10	11/10	12/10	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11
Maximum activity	0.000004	0.000003	0.000004	0.000004	0.000004	0.000005	0.000005	0.000005	0.000005	0.000009	0.000004	0.000005
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	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	0.000004	0.000004	0.000003	0.000003	0.000003	0.000003	0.000003	0.000005	0.000005	0.000006	0.000005	0.000003
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



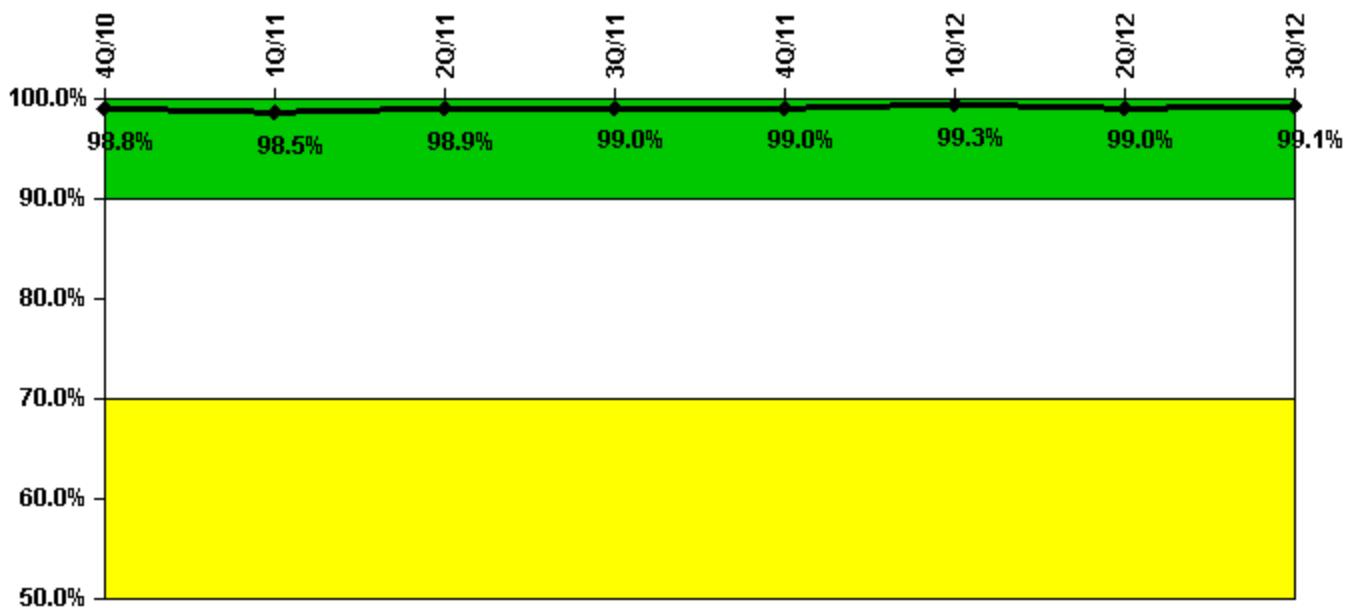
Thresholds: White > 50.0 Yellow > 100.0

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	1.955	1.947	1.972	1.957	1.973	1.950	1.965	1.977	1.988	2.013	2.025	2.023
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	7.8	7.8	7.9	7.8	7.9	7.8	7.9	7.9	8.0	8.1	8.1	8.1
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	2.028	2.550	2.178	2.093	2.070	2.055	2.087	2.462	2.610	2.787	2.923	2.045
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	8.1	10.2	8.7	8.4	8.3	8.2	8.3	9.8	10.4	11.1	11.7	8.2

Licensee Comments: none

Drill/Exercise Performance



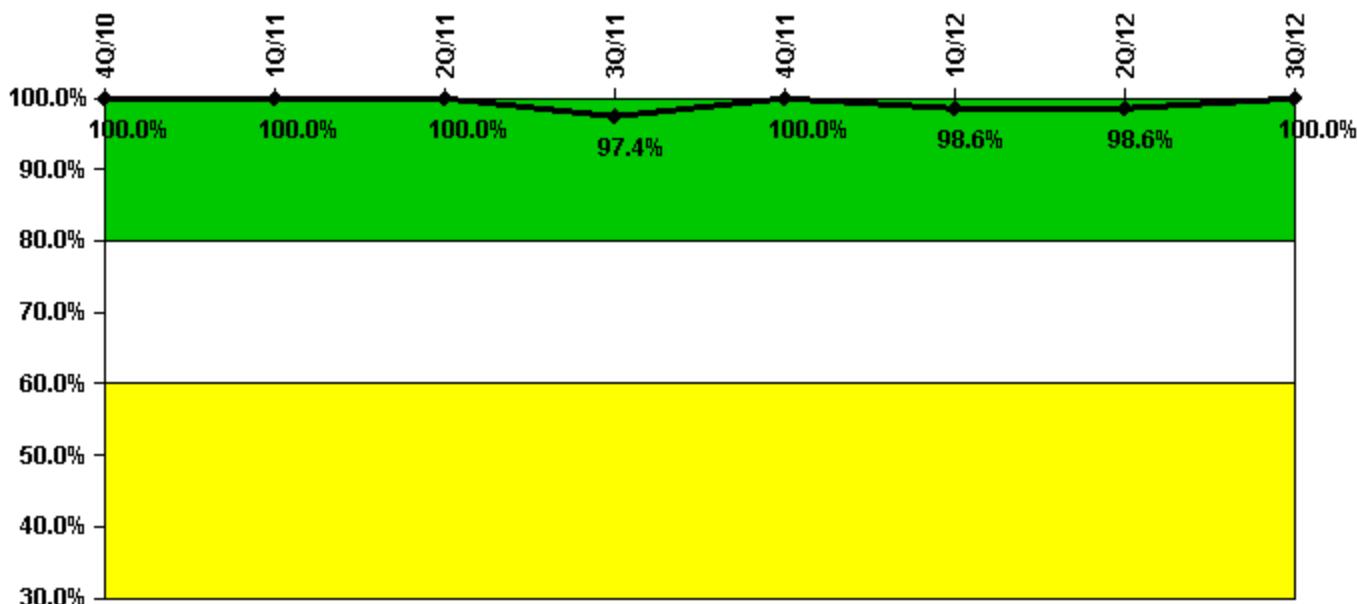
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Successful opportunities	8.0	63.0	46.0	62.0	24.0	48.0	49.0	20.0
Total opportunities	8.0	64.0	46.0	62.0	24.0	48.0	51.0	20.0
Indicator value	98.8%	98.5%	98.9%	99.0%	99.0%	99.3%	99.0%	99.1%

Licensee Comments: none

ERO Drill Participation



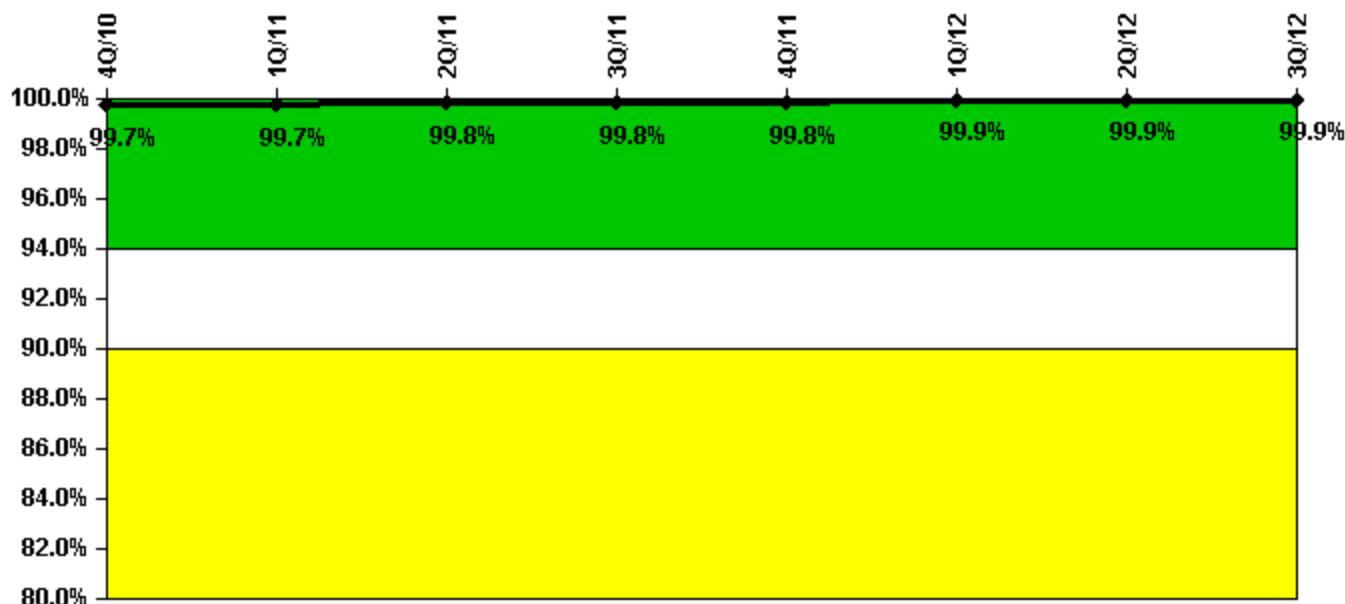
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Participating Key personnel	68.0	70.0	71.0	74.0	74.0	72.0	70.0	71.0
Total Key personnel	68.0	70.0	71.0	76.0	74.0	73.0	71.0	71.0
Indicator value	100.0%	100.0%	100.0%	97.4%	100.0%	98.6%	98.6%	100.0%

Licensee Comments: none

Alert & Notification System



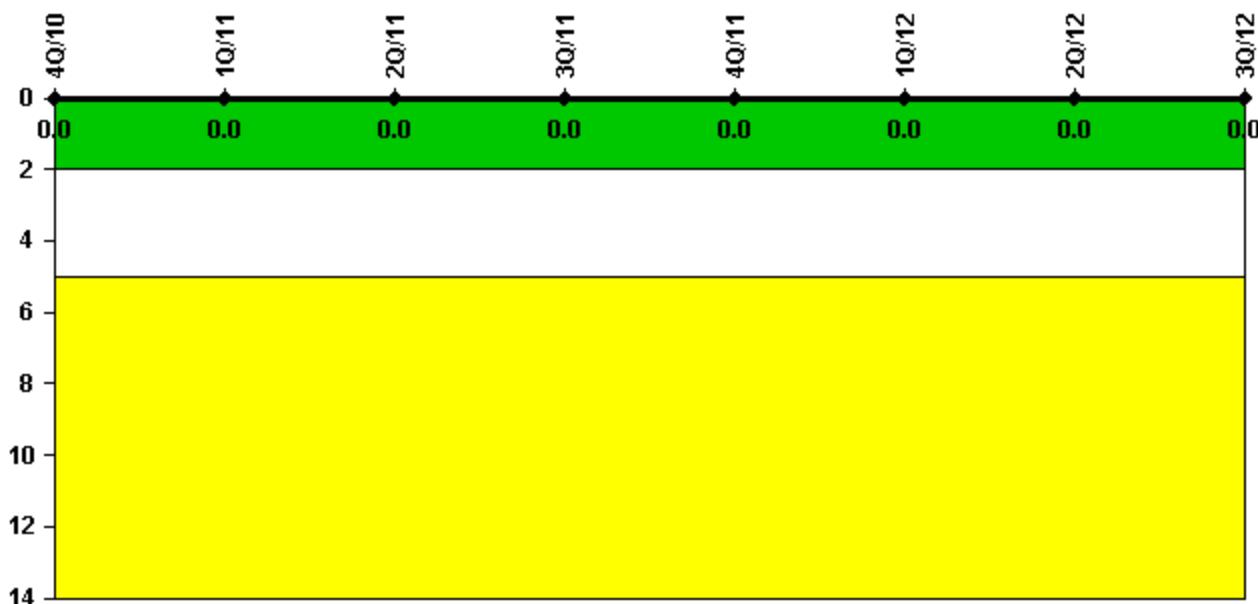
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Successful siren-tests	2988	2940	2936	2940	2940	2989	2940	2893
Total sirens-tests	2990	2944	2944	2944	2944	2990	2944	2898
Indicator value	99.7%	99.7%	99.8%	99.8%	99.8%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



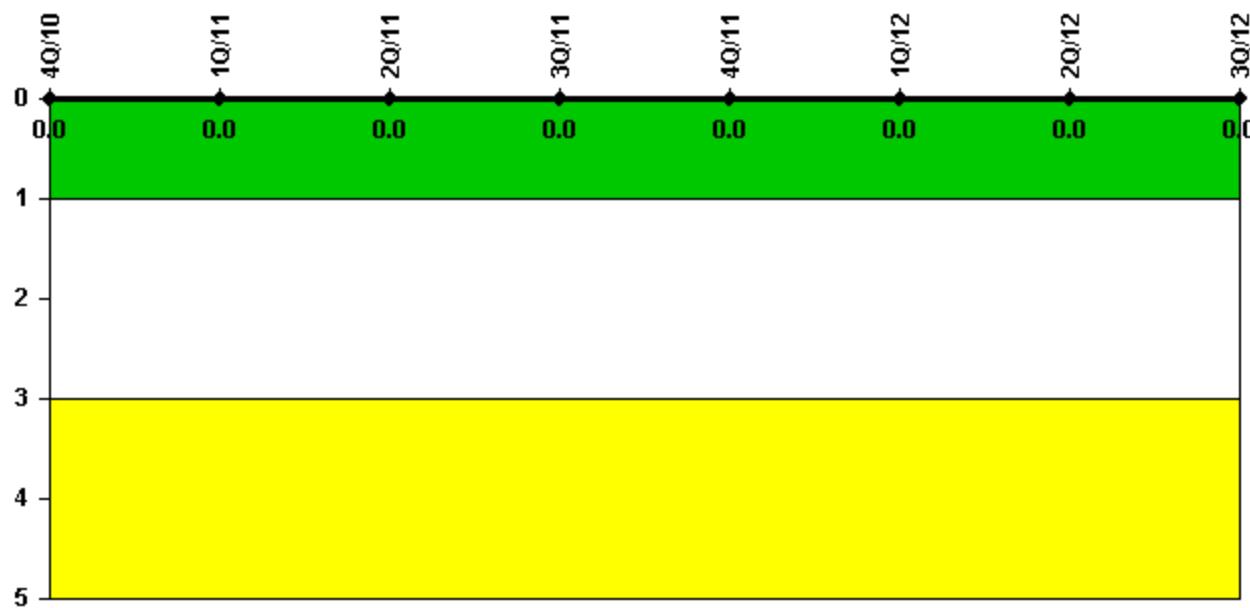
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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.

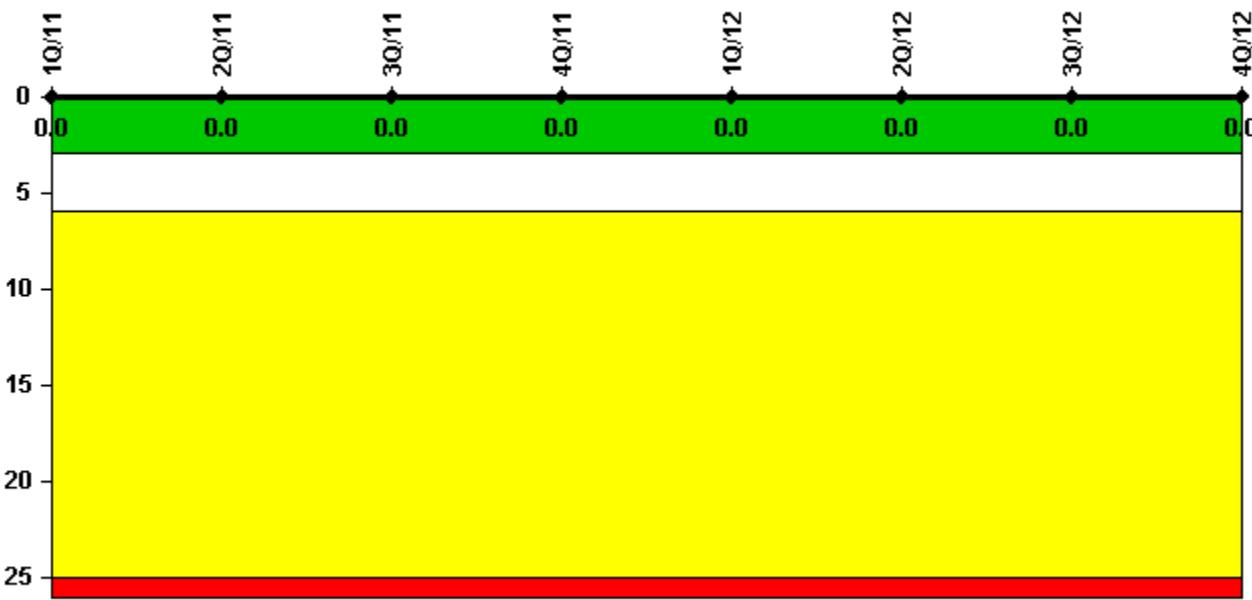


[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: October 24, 2012

Dresden 2**4Q/2012 Performance Indicators**

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs

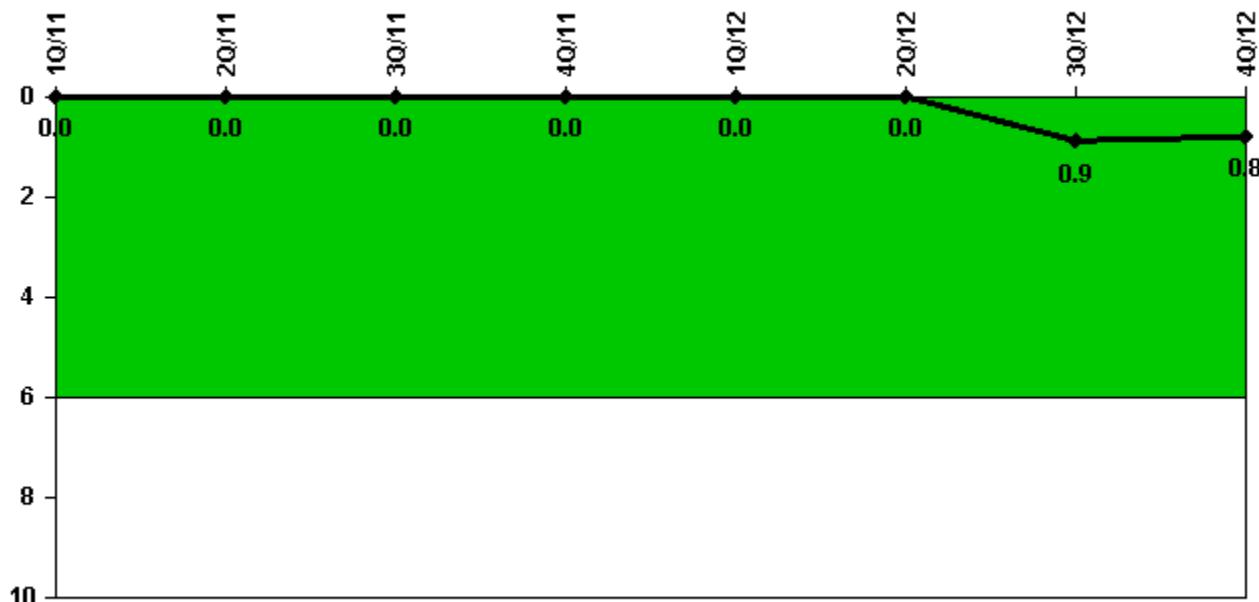
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	0	0	0	0	0	0
Critical hours	2159.0	2184.0	2208.0	1630.4	2183.0	2184.0	2082.0	2209.0
Indicator value	0							

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

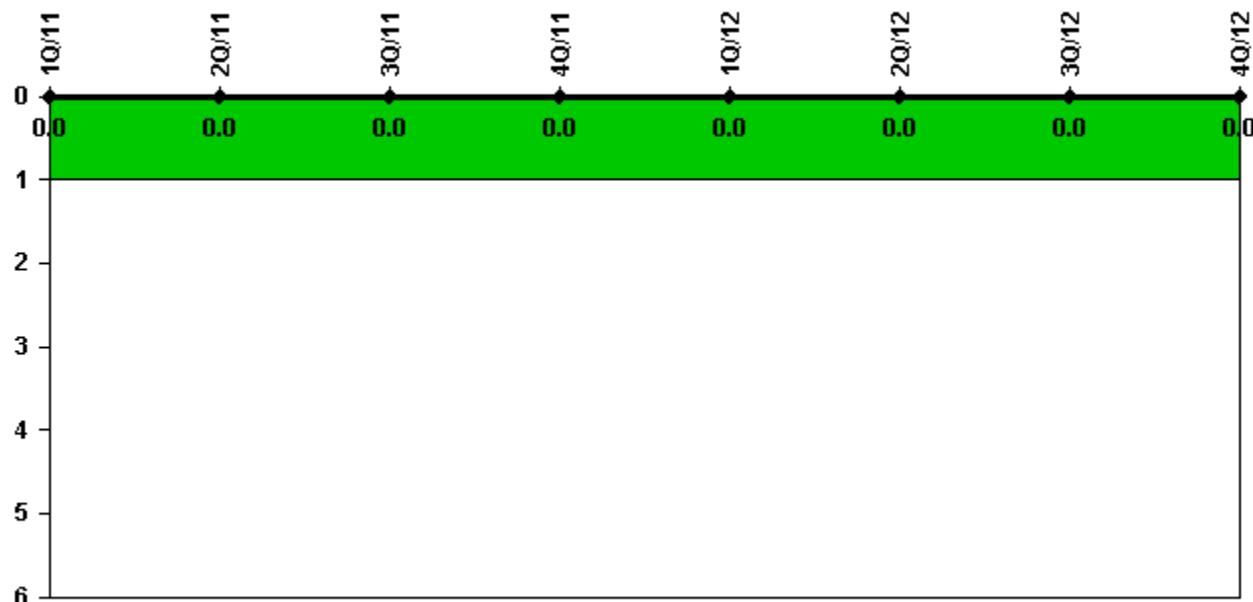


Thresholds: White > 6.0

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	0	0	0	1.0	0
Critical hours	2159.0	2184.0	2208.0	1630.4	2183.0	2184.0	2082.0	2209.0
Indicator value	0	0	0	0	0	0	0.9	0.8

Licensee Comments: none

Unplanned Scrams with Complications

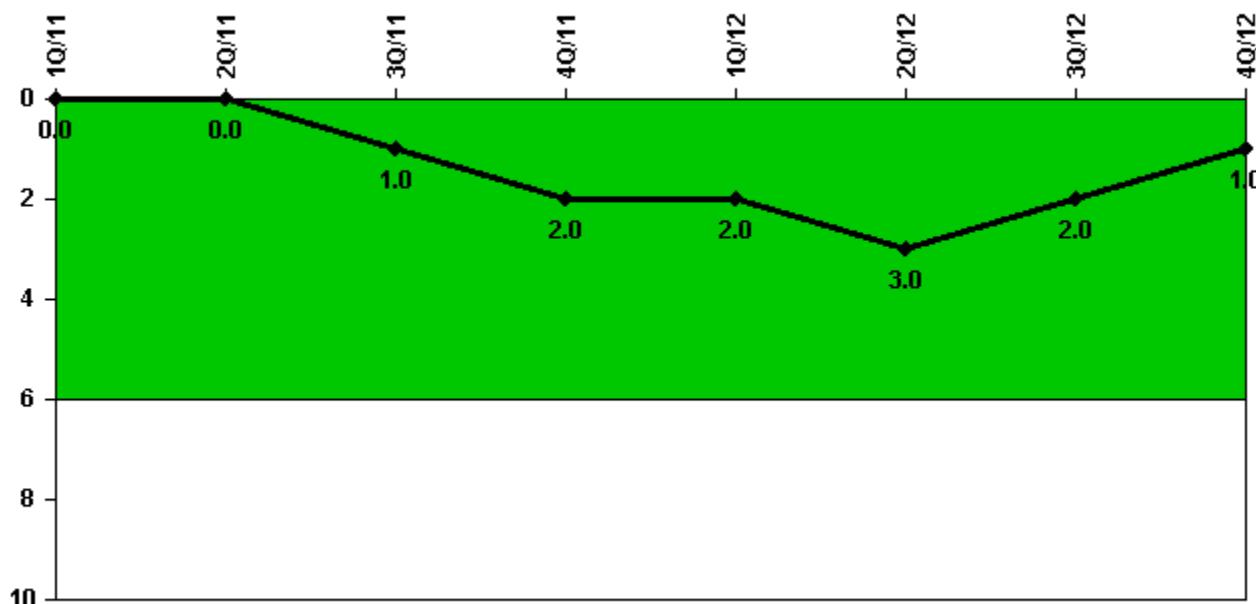
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0							

Licensee Comments: none

Safety System Functional Failures (BWR)



Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Safety System Functional Failures	0	0	1	1	0	1	0	0
Indicator value	0	0	1	2	2	3	2	1

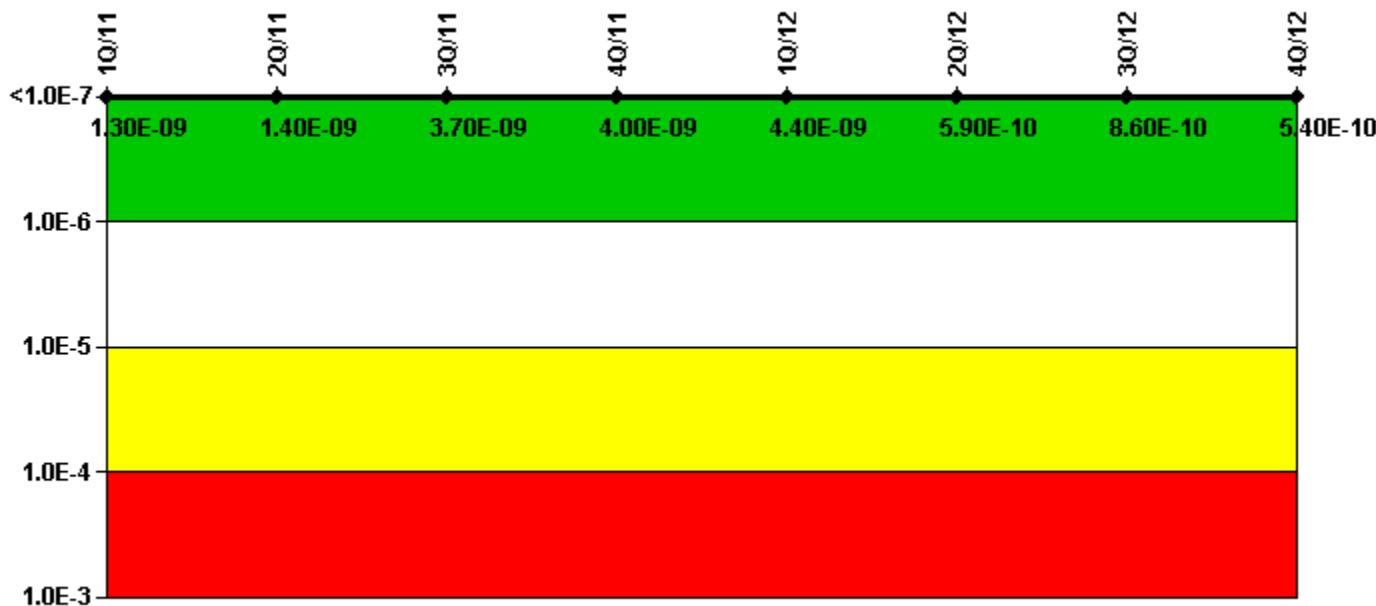
Licensee Comments:

2Q/12: LER 237/2012-001-00, Entire Division of APRM Neutron Flux-High Channels Inoperable as a Result of Power Manuever, dated 4/19/12

4Q/11: LER 237-2011-004-00, Personnel Error Results in Control Room Emergency Ventilation Air Conditioning System Inoperability, dated 12/16/2011

3Q/11: LER 237/2011-001-00, Loss of CCSW System due to Stop Log Installation, dated 7/18/2011

Mitigating Systems Performance Index, Emergency AC Power System



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

Notes

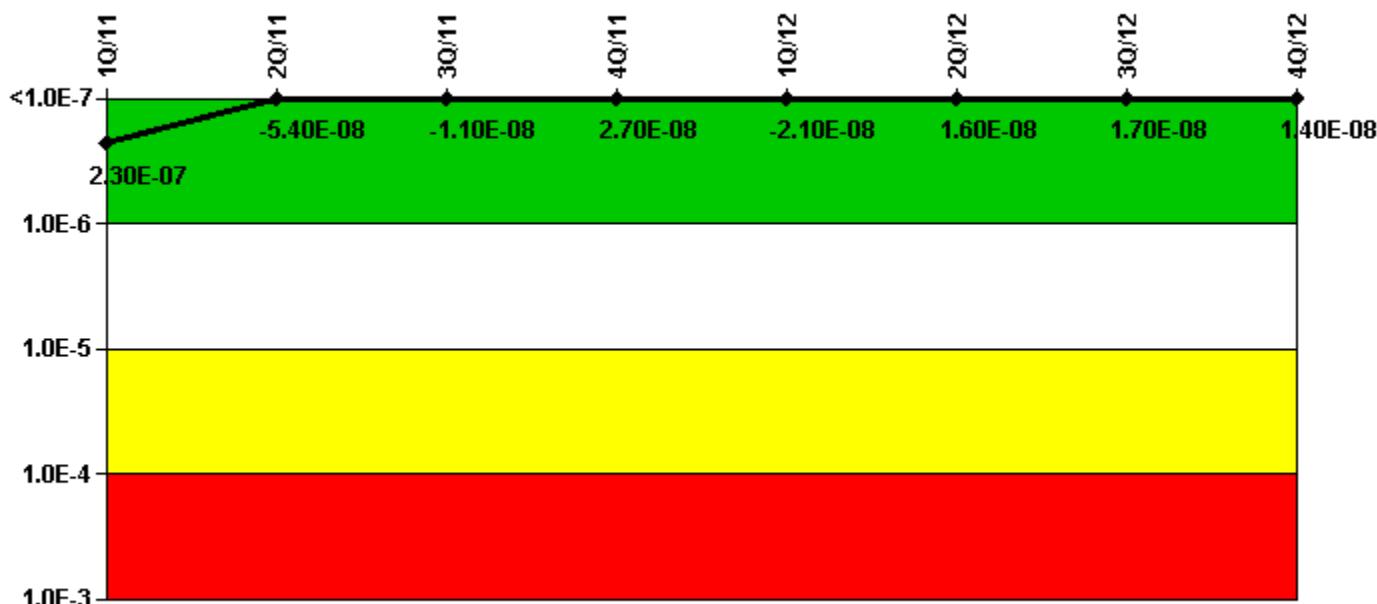
Mitigating Systems Performance Index, Emergency AC Power System	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (Δ CDF)	5.88E-10	8.60E-10	1.46E-09	1.90E-09	2.12E-09	1.12E-09	1.40E-09	9.20E-10
URI (Δ CDF)	7.30E-10	5.38E-10	2.24E-09	2.15E-09	2.25E-09	-5.34E-10	-5.35E-10	-3.82E-10
PLE	NO							
Indicator value	1.30E-09	1.40E-09	3.70E-09	4.00E-09	4.40E-09	5.90E-10	8.60E-10	5.40E-10

Licensee Comments:

2Q/12: There is one MSPI failure as documented in IR 1374428 for the failure of the Unit 2 DGCWP to start during a surveillance demand.

4Q/11: The MSPI basis document was revised in late November 2011. The revision (Revision 9) added the Diesel Oil Fuel Transfer Pump to the EDG super component boundary and designated the pump train as a monitored component in accordance with the resolution to FAQ 484. The FAQ resolution has an effective date of 1/1/2012. Therefore, there was no effect on the EDG MSPI data during November or December 2011.

Mitigating Systems Performance Index, High Pressure Injection System

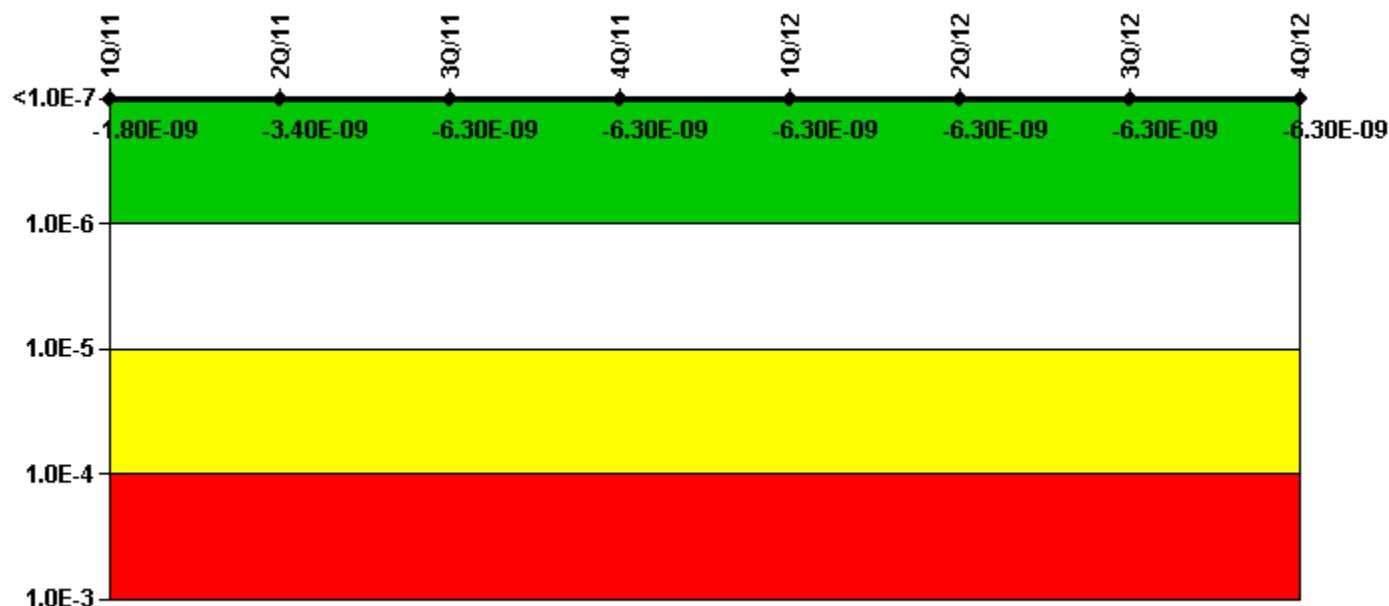


Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	-3.65E-08	-4.68E-08	-3.22E-09	3.43E-08	4.49E-08	8.10E-08	8.26E-08	7.95E-08
URI (Δ CDF)	2.61E-07	-7.66E-09	-7.66E-09	-7.66E-09	-6.55E-08	-6.55E-08	-6.55E-08	-6.55E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.30E-07	-5.40E-08	-1.10E-08	2.70E-08	-2.10E-08	1.60E-08	1.70E-08	1.40E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

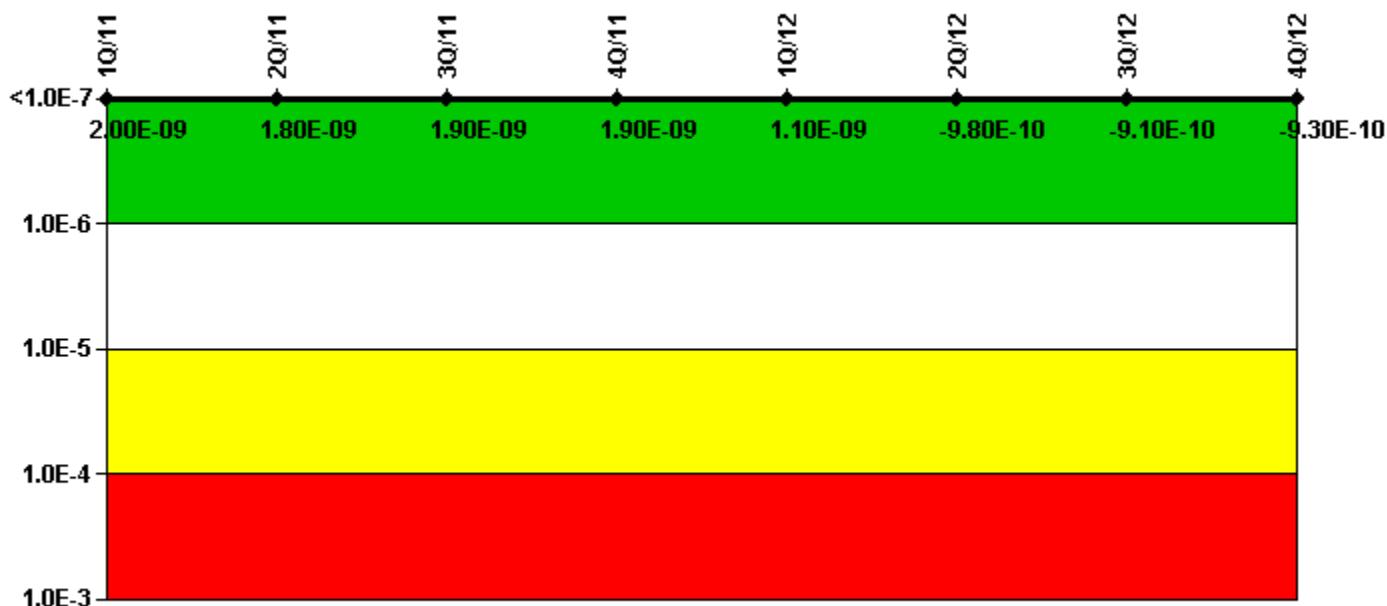
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (Δ CDF)	-1.72E-09	-3.31E-09	-6.24E-09	-6.24E-09	-6.24E-09	-6.24E-09	-6.24E-09	-6.24E-09
URI (Δ CDF)	-9.92E-11							
PLE	NO							
Indicator value	-1.80E-09	-3.40E-09	-6.30E-09	-6.30E-09	-6.30E-09	-6.30E-09	-6.30E-09	-6.30E-09

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



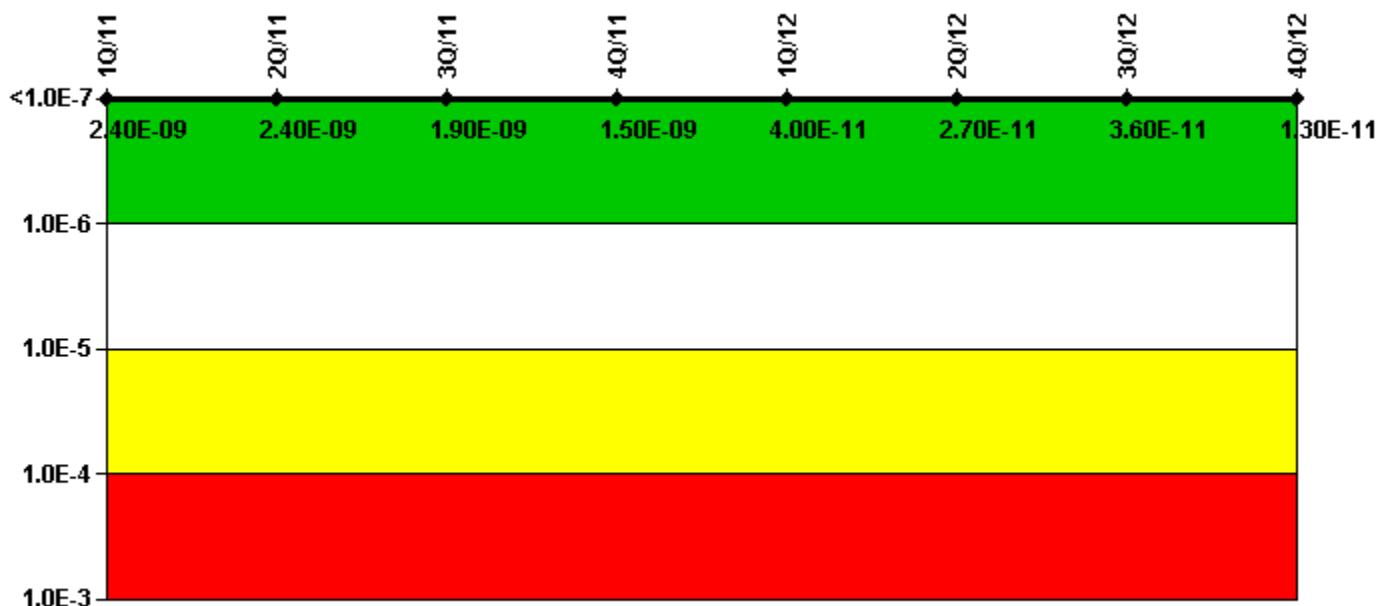
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (Δ CDF)	7.42E-10	5.85E-10	5.71E-10	5.40E-10	-3.16E-10	-3.74E-10	-3.65E-10	-4.19E-10
URI (Δ CDF)	1.22E-09	1.24E-09	1.31E-09	1.37E-09	1.44E-09	-6.01E-10	-5.41E-10	-5.08E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.00E-09	1.80E-09	1.90E-09	1.90E-09	1.10E-09	-9.80E-10	-9.10E-10	-9.30E-10

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



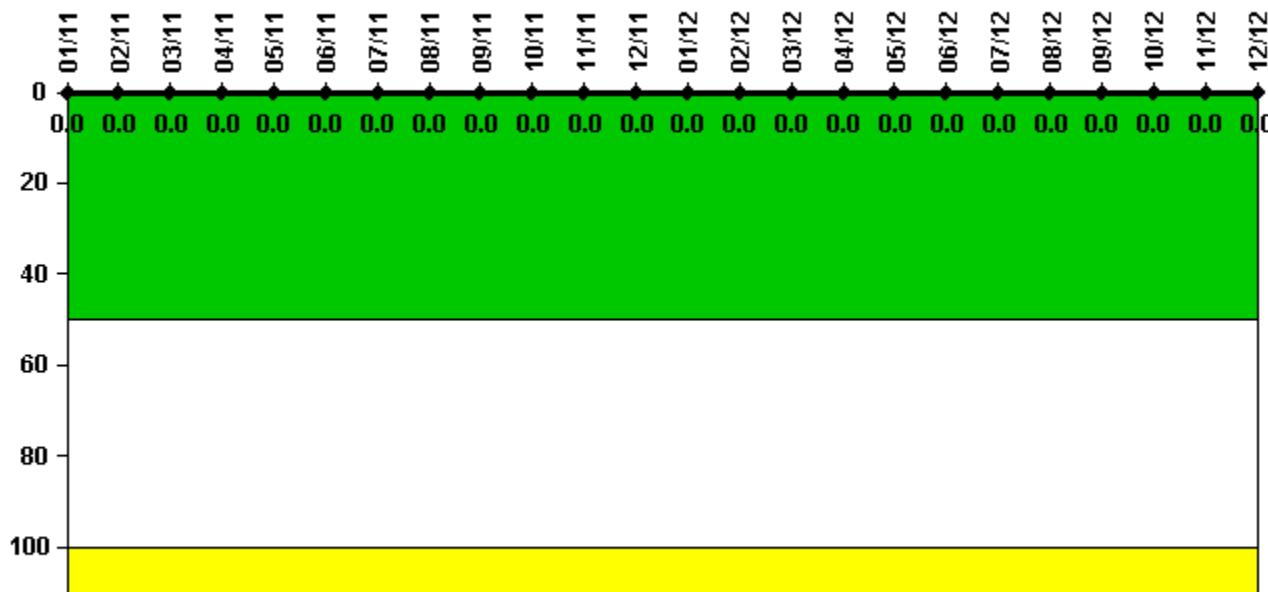
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (Δ CDF)	2.37E-09	2.44E-09	1.93E-09	1.53E-09	5.38E-11	4.00E-11	4.76E-11	2.38E-11
URI (Δ CDF)	-1.56E-11	-1.50E-11	-1.46E-11	-1.43E-11	-1.37E-11	-1.31E-11	-1.18E-11	-1.11E-11
PLE	NO							
Indicator value	2.40E-09	2.40E-09	1.90E-09	1.50E-09	4.00E-11	2.70E-11	3.60E-11	1.30E-11

Licensee Comments: none

Reactor Coolant System Activity



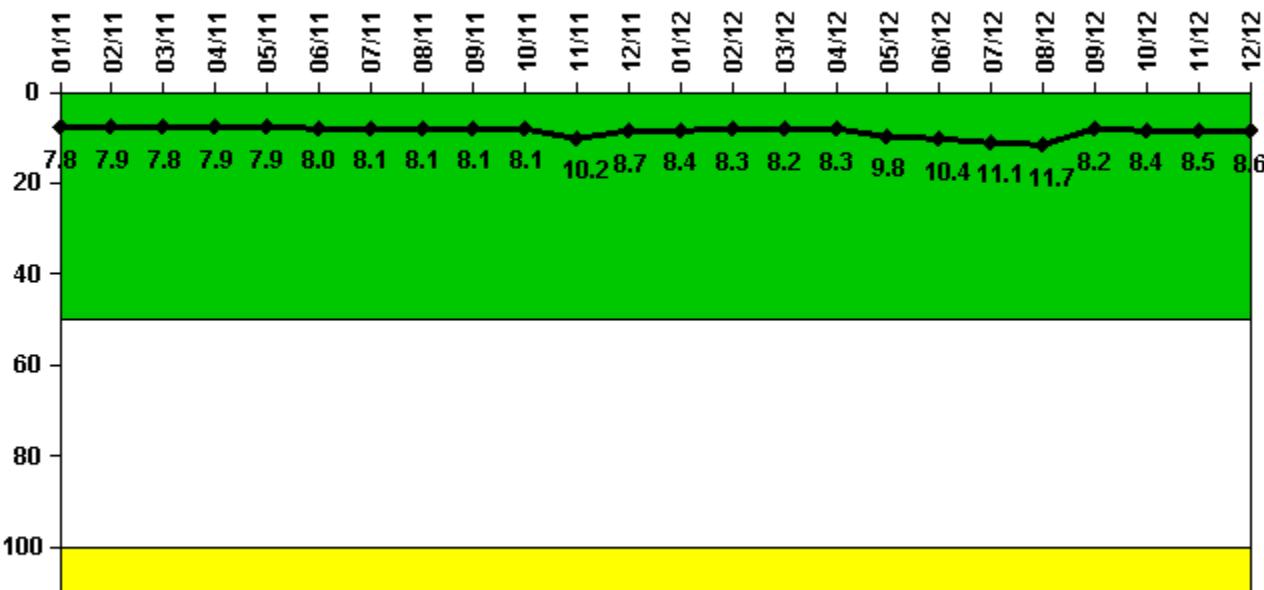
Thresholds: White > 50.0 Yellow > 100.0

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	0.000004	0.000004	0.000005	0.000005	0.000005	0.000005	0.000009	0.000004	0.000005	0.000004	0.000004	0.000003
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0											
Reactor Coolant System Activity	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	12/12
Maximum activity	0.000003	0.000003	0.000003	0.000003	0.000005	0.000005	0.000006	0.000005	0.000003	0.000004	0.000003	0.000006
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0											

Licensee Comments: none

Reactor Coolant System Leakage

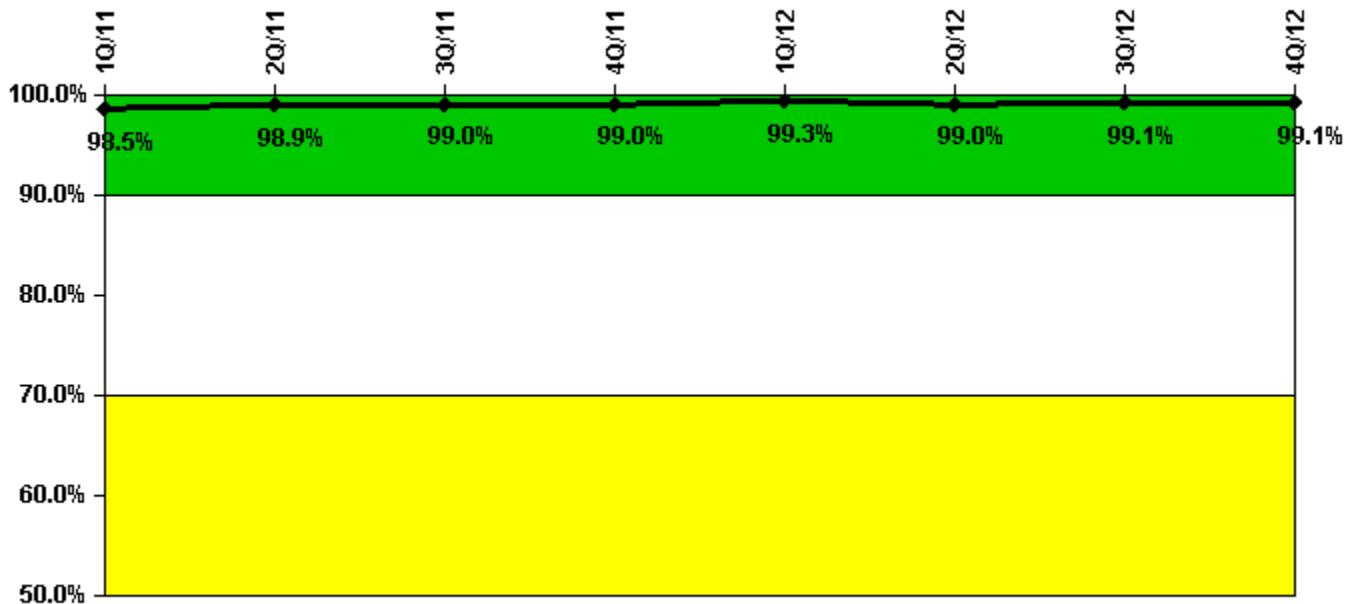


Thresholds: White > 50.0 Yellow > 100.0

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	1.957	1.973	1.950	1.965	1.977	1.988	2.013	2.025	2.023	2.028	2.550	2.178
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	7.8	7.9	7.8	7.9	7.9	8.0	8.1	8.1	8.1	8.1	10.2	8.7
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	2.093	2.070	2.055	2.087	2.462	2.610	2.787	2.923	2.045	2.102	2.115	2.143
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	8.4	8.3	8.2	8.3	9.8	10.4	11.1	11.7	8.2	8.4	8.5	8.6

Licensee Comments: none

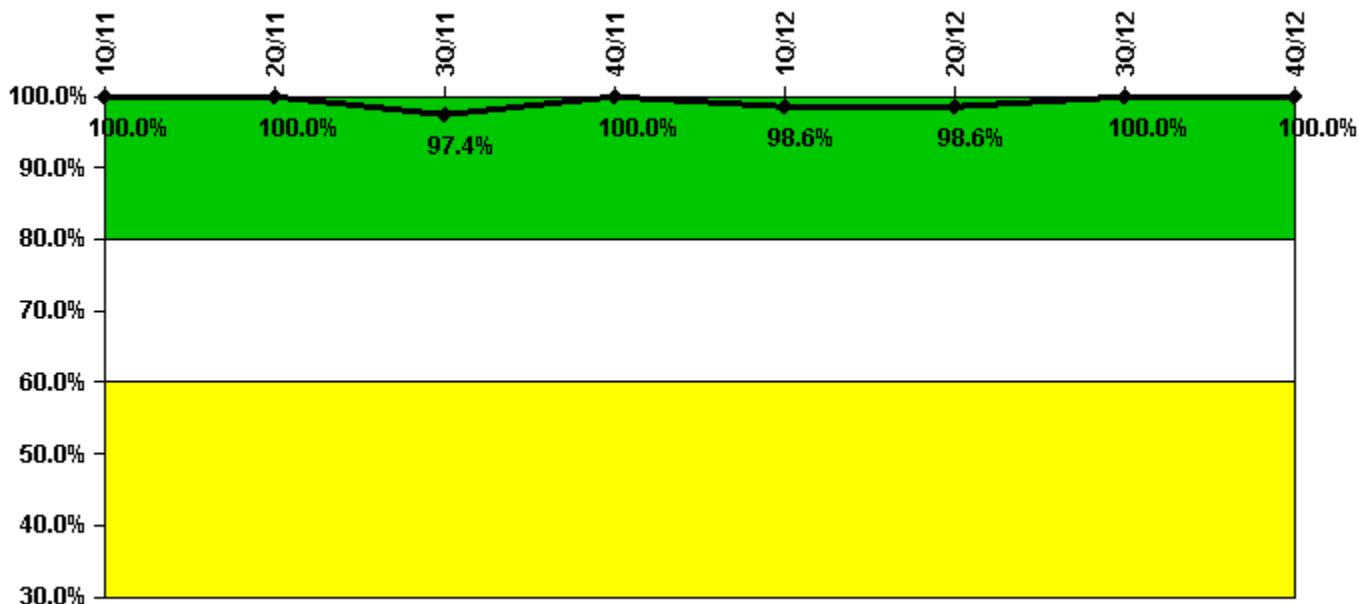
Drill/Exercise Performance

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	63.0	46.0	62.0	24.0	48.0	49.0	20.0	18.0
Total opportunities	64.0	46.0	62.0	24.0	48.0	51.0	20.0	18.0
Indicator value	98.5%	98.9%	99.0%	99.0%	99.3%	99.0%	99.1%	99.1%

Licensee Comments: none

ERO Drill Participation

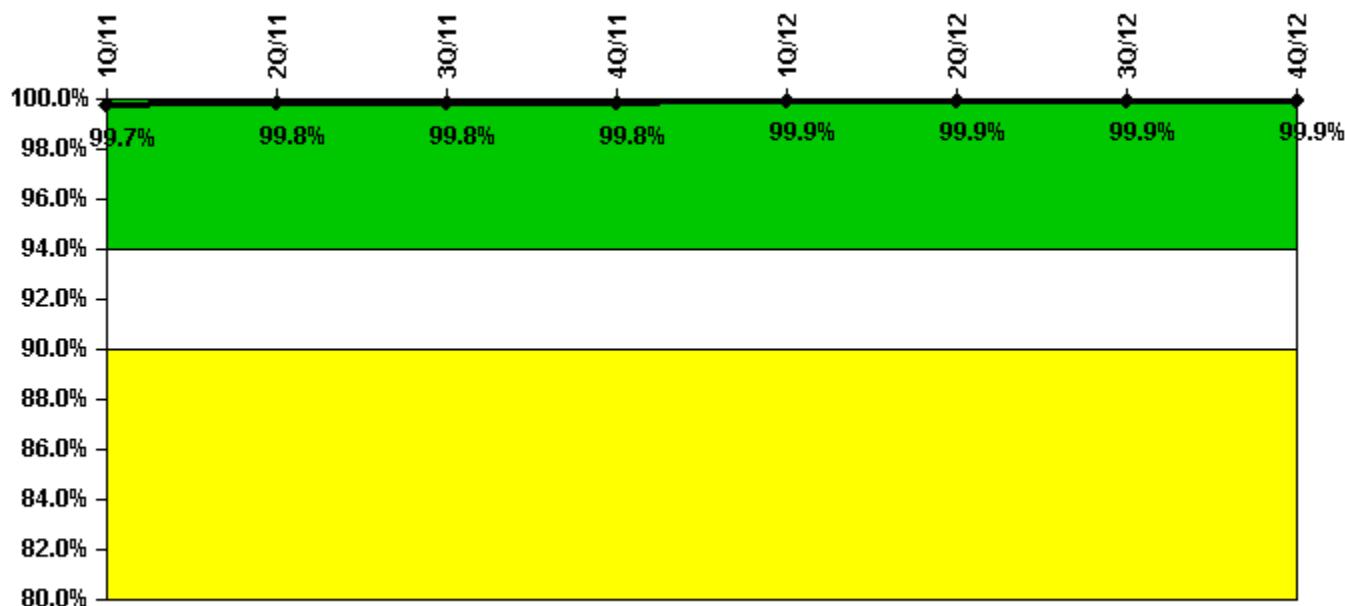
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Participating Key personnel	70.0	71.0	74.0	74.0	72.0	70.0	71.0	72.0
Total Key personnel	70.0	71.0	76.0	74.0	73.0	71.0	71.0	72.0
Indicator value	100.0%	100.0%	97.4%	100.0%	98.6%	98.6%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



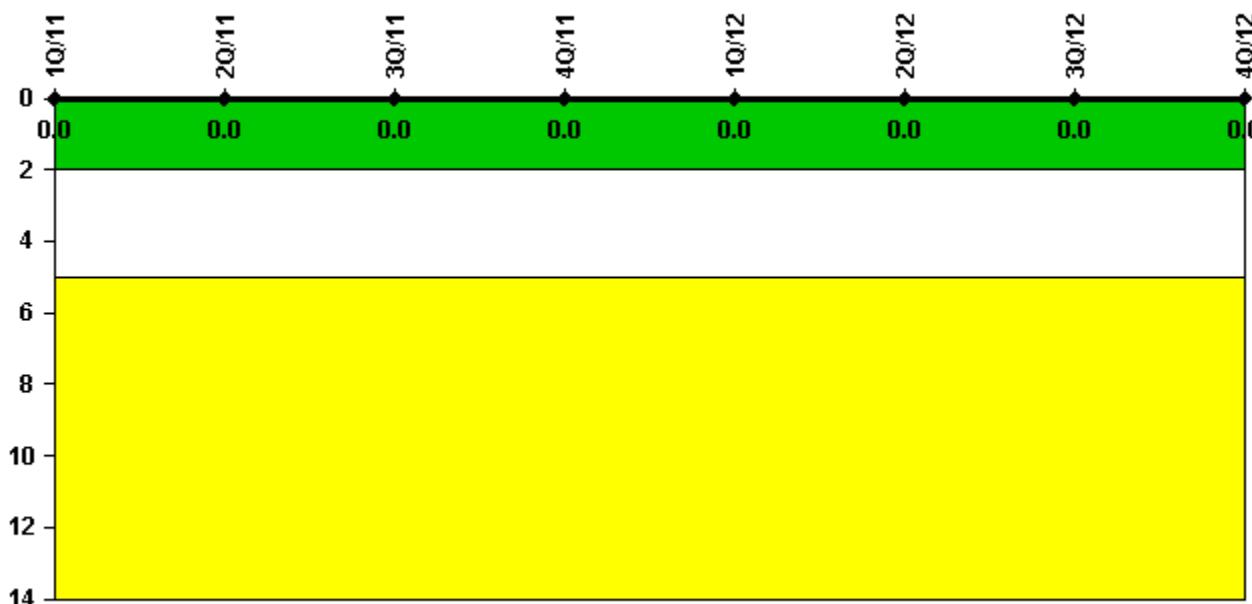
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Successful siren-tests	2940	2936	2940	2940	2989	2940	2893	2944
Total sirens-tests	2944	2944	2944	2944	2990	2944	2898	2944
Indicator value	99.7%	99.8%	99.8%	99.8%	99.9%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness

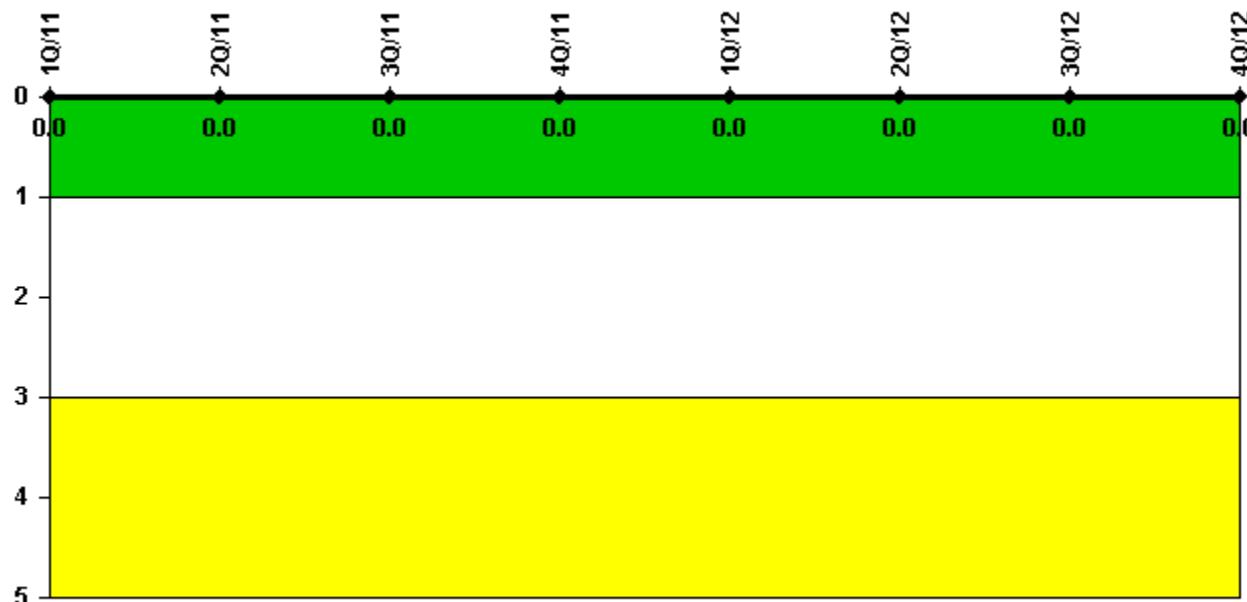


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/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](#)

Dresden 2

1Q/2013 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



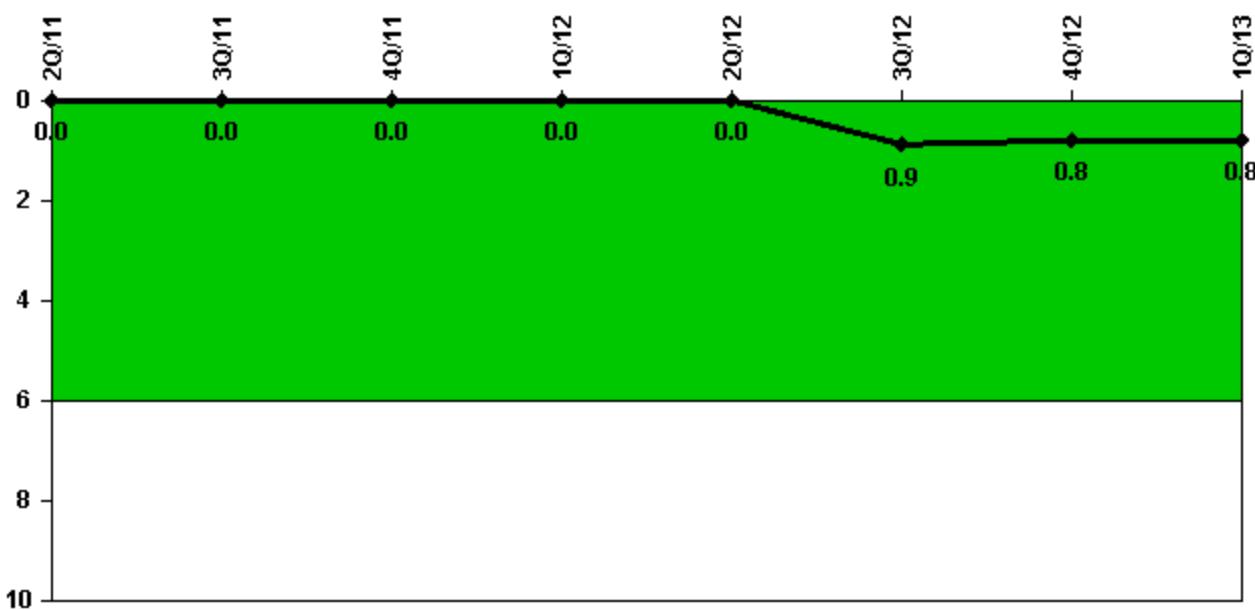
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2184.0	2208.0	1630.4	2183.0	2184.0	2082.0	2209.0	2159.0
Indicator value	0							

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



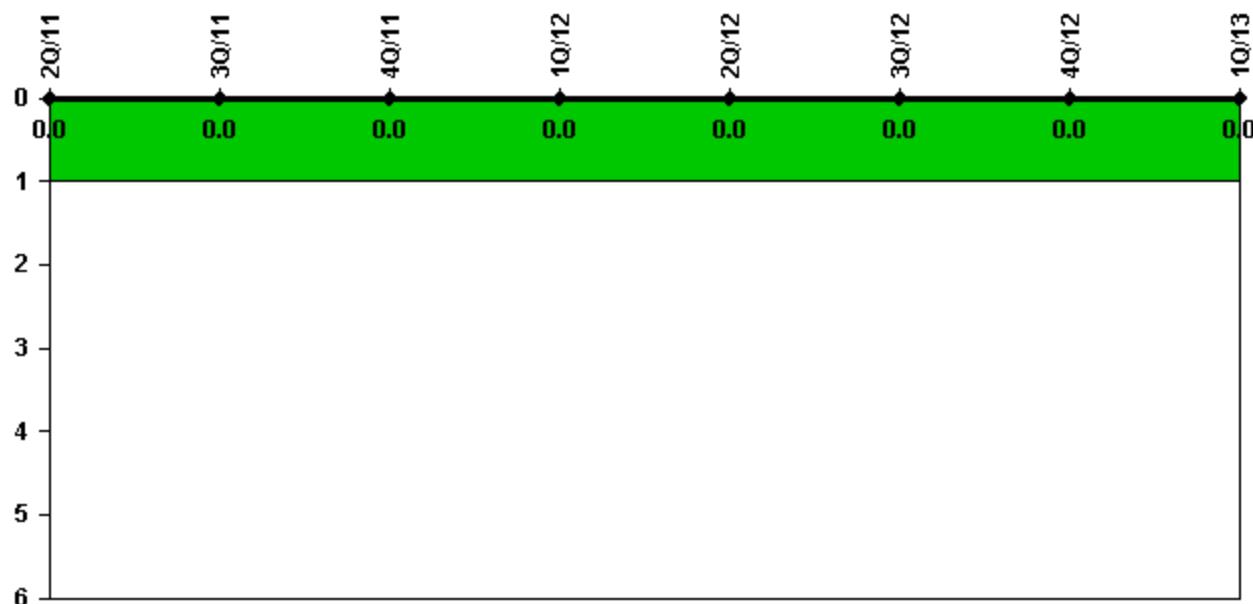
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Unplanned power changes	0	0	0	0	0	1.0	0	0
Critical hours	2184.0	2208.0	1630.4	2183.0	2184.0	2082.0	2209.0	2159.0
Indicator value	0	0	0	0	0	0.9	0.8	0.8

Licensee Comments: none

Unplanned Scrams with Complications



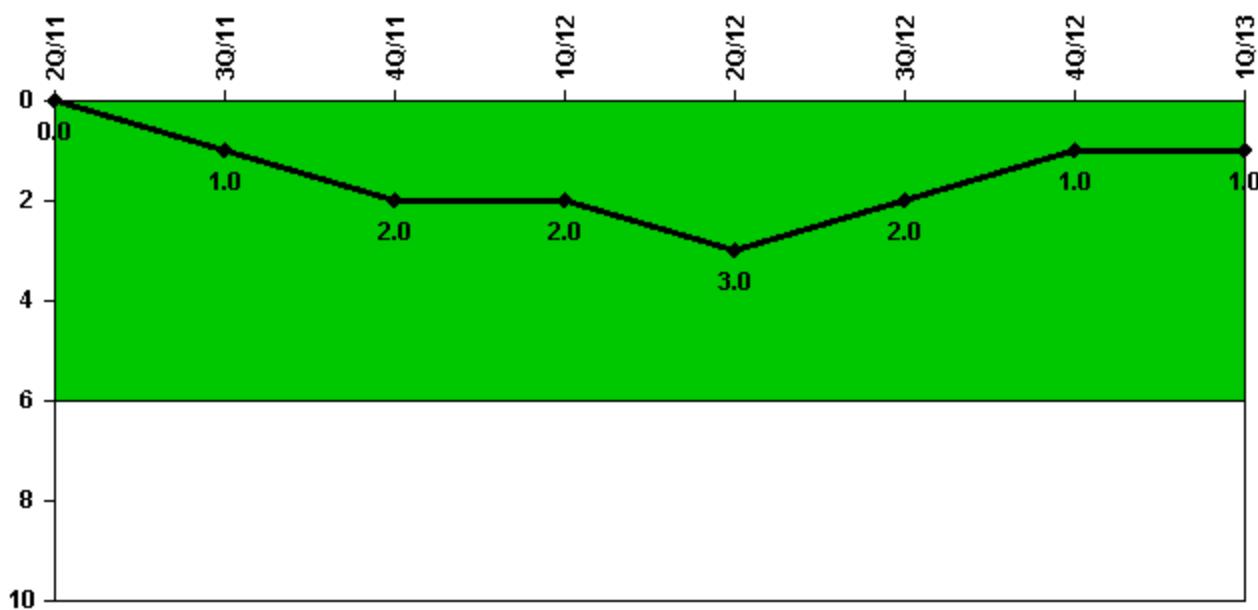
Thresholds: White > 1.0

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	0	0	0	0	0	0	0
Indicator value	0.0							

Licensee Comments: none

Safety System Functional Failures (BWR)



Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Safety System Functional Failures	0	1	1	0	1	0	0	0
Indicator value	0	1	2	2	3	2	1	1

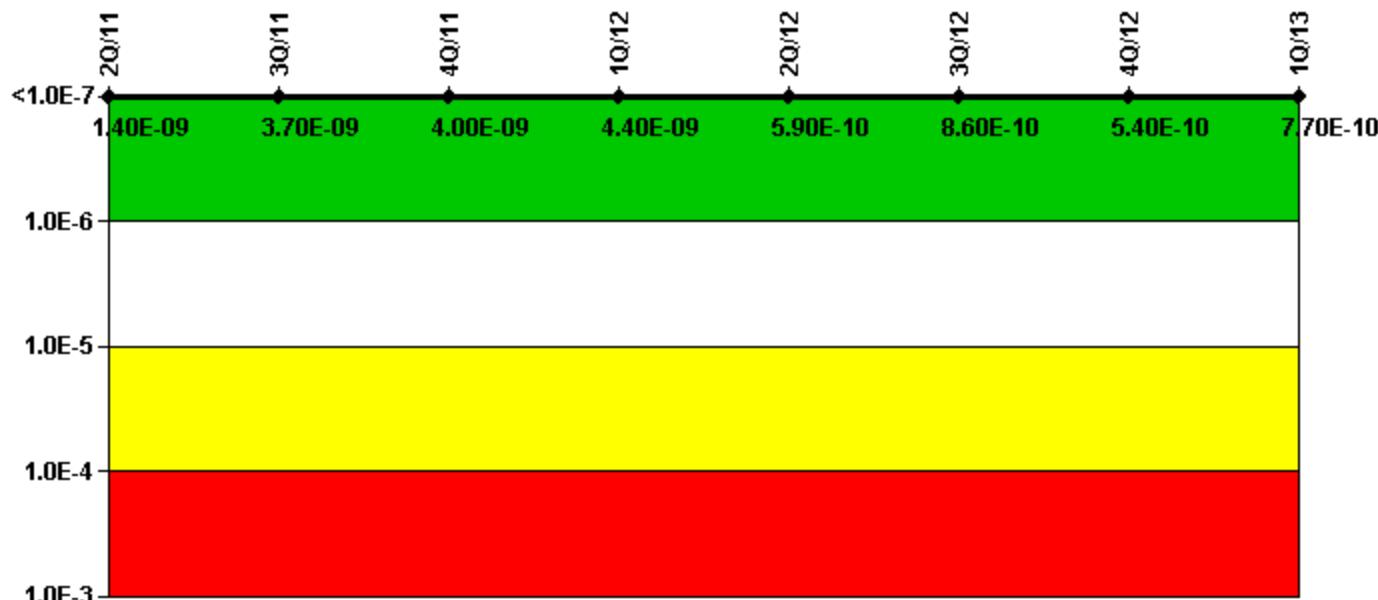
Licensee Comments:

2Q/12: LER 237/2012-001-00, Entire Division of APRM Neutron Flux-High Channels Inoperable as a Result of Power Manuever, dated 4/19/12

4Q/11: LER 237-2011-004-00, Personnel Error Results in Control Room Emergency Ventilation Air Conditioning System Inoperability, dated 12/16/2011

3Q/11: LER 237/2011-001-00, Loss of CCSW System due to Stop Log Installation, dated 7/18/2011

Mitigating Systems Performance Index, Emergency AC Power System



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

Notes

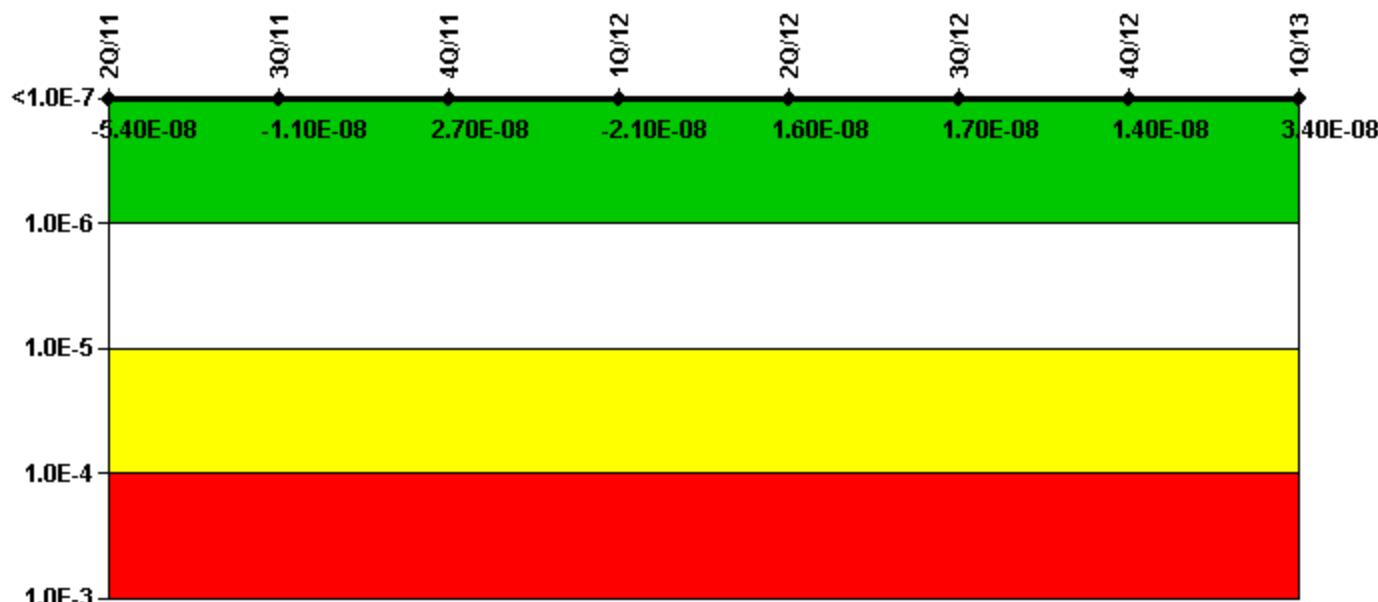
Mitigating Systems Performance Index, Emergency AC Power System	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
UAI (Δ CDF)	8.60E-10	1.46E-09	1.90E-09	2.12E-09	1.12E-09	1.40E-09	9.20E-10	1.17E-09
URI (Δ CDF)	5.38E-10	2.24E-09	2.15E-09	2.25E-09	-5.34E-10	-5.35E-10	-3.82E-10	-4.02E-10
PLE	NO							
Indicator value	1.40E-09	3.70E-09	4.00E-09	4.40E-09	5.90E-10	8.60E-10	5.40E-10	7.70E-10

Licensee Comments:

2Q/12: There is one MSPI failure as documented in IR 1374428 for the failure of the Unit 2 DGCWP to start during a surveillance demand.

4Q/11: The MSPI basis document was revised in late November 2011. The revision (Revision 9) added the Diesel Oil Fuel Transfer Pump to the EDG super component boundary and designated the pump train as a monitored component in accordance with the resolution to FAQ 484. The FAQ resolution has an effective date of 1/1/2012. Therefore, there was no effect on the EDG MSPI data during November or December 2011.

Mitigating Systems Performance Index, High Pressure Injection System



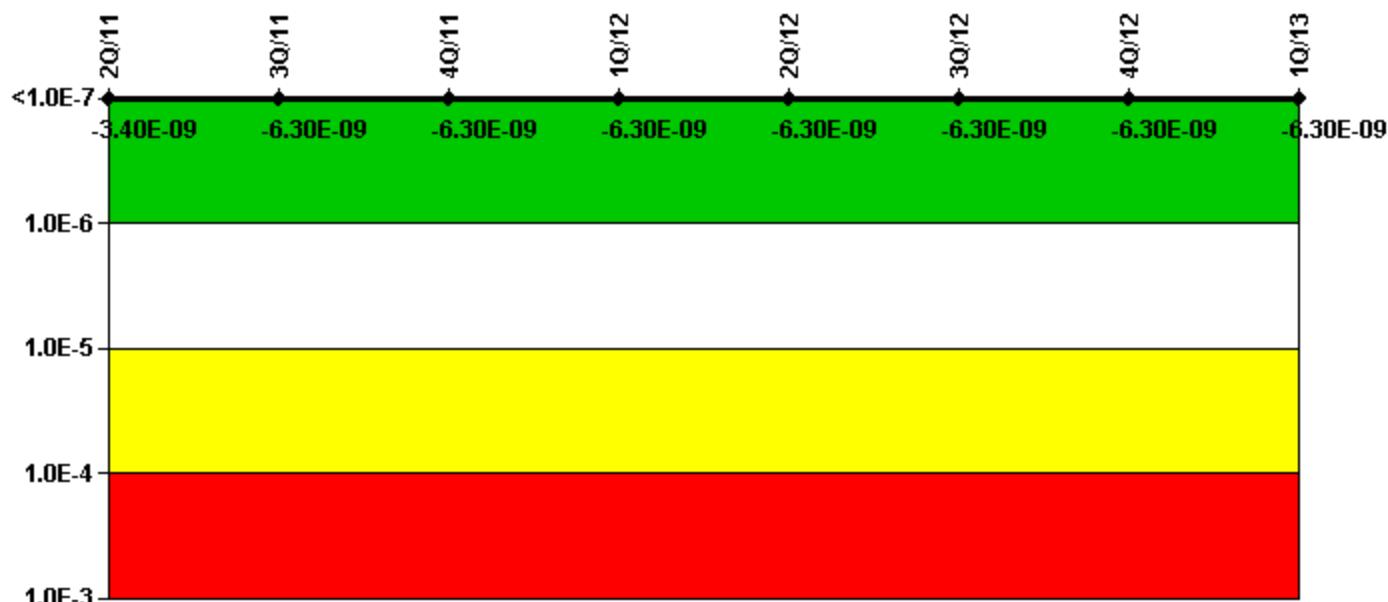
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	-4.68E-08	-3.22E-09	3.43E-08	4.49E-08	8.10E-08	8.26E-08	7.95E-08	9.92E-08
URI (Δ CDF)	-7.66E-09	-7.66E-09	-7.66E-09	-6.55E-08	-6.55E-08	-6.55E-08	-6.55E-08	-6.55E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.40E-08	-1.10E-08	2.70E-08	-2.10E-08	1.60E-08	1.70E-08	1.40E-08	3.40E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



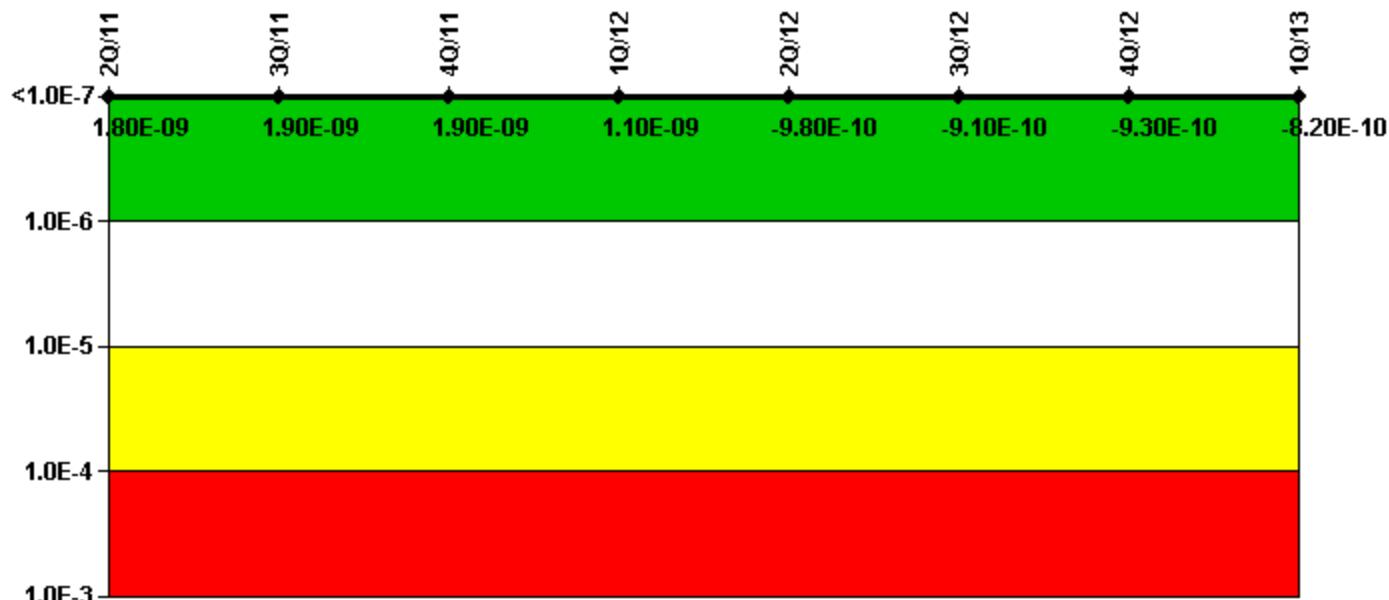
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
UAI (Δ CDF)	-3.31E-09	-6.24E-09						
URI (Δ CDF)	-9.92E-11							
PLE	NO							
Indicator value	-3.40E-09	-6.30E-09						

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



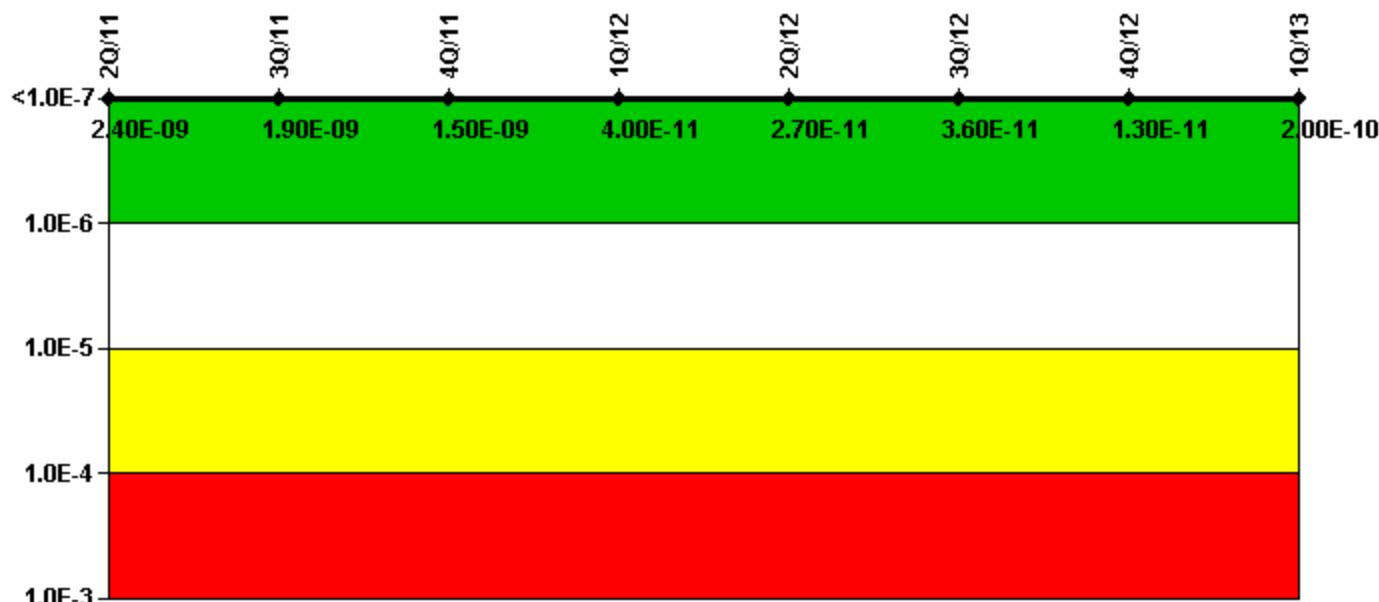
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
UAI (Δ CDF)	$5.85E-10$	$5.71E-10$	$5.40E-10$	$-3.16E-10$	$-3.74E-10$	$-3.65E-10$	$-4.19E-10$	$-3.06E-10$
URI (Δ CDF)	$1.24E-09$	$1.31E-09$	$1.37E-09$	$1.44E-09$	$-6.01E-10$	$-5.41E-10$	$-5.08E-10$	$-5.17E-10$
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	$1.80E-09$	$1.90E-09$	$1.90E-09$	$1.10E-09$	$-9.80E-10$	$-9.10E-10$	$-9.30E-10$	$-8.20E-10$

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



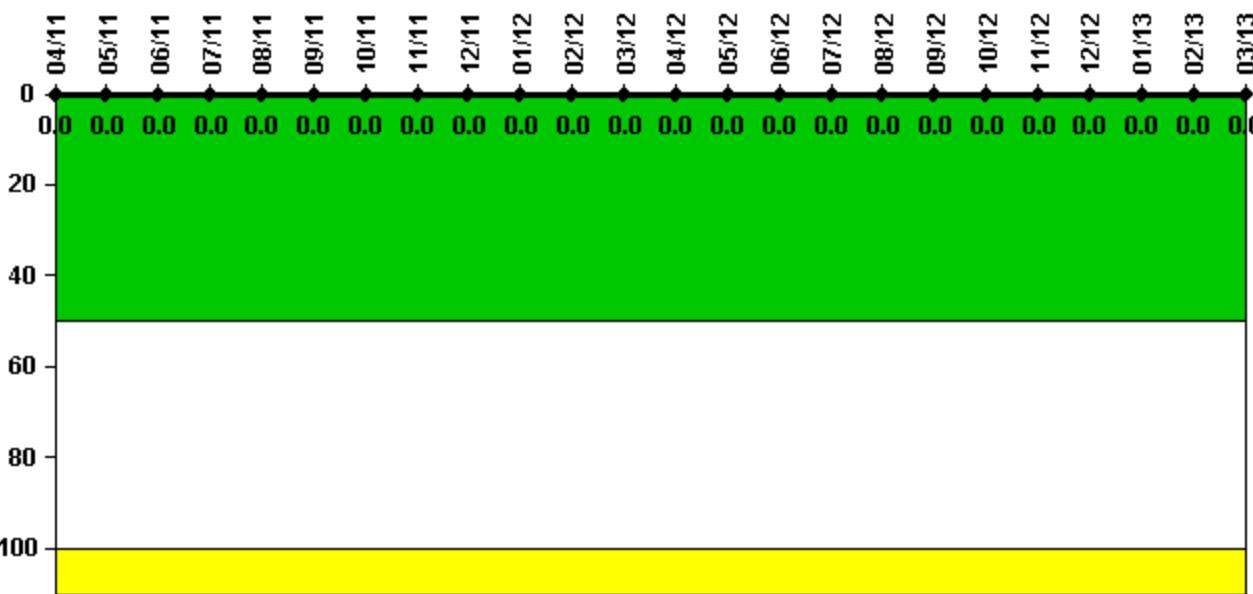
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
UAI (Δ CDF)	2.44E-09	1.93E-09	1.53E-09	5.38E-11	4.00E-11	4.76E-11	2.38E-11	2.16E-10
URI (Δ CDF)	-1.50E-11	-1.46E-11	-1.43E-11	-1.37E-11	-1.31E-11	-1.18E-11	-1.11E-11	-1.09E-11
PLE	NO							
Indicator value	2.40E-09	1.90E-09	1.50E-09	4.00E-11	2.70E-11	3.60E-11	1.30E-11	2.00E-10

Licensee Comments: none

Reactor Coolant System Activity



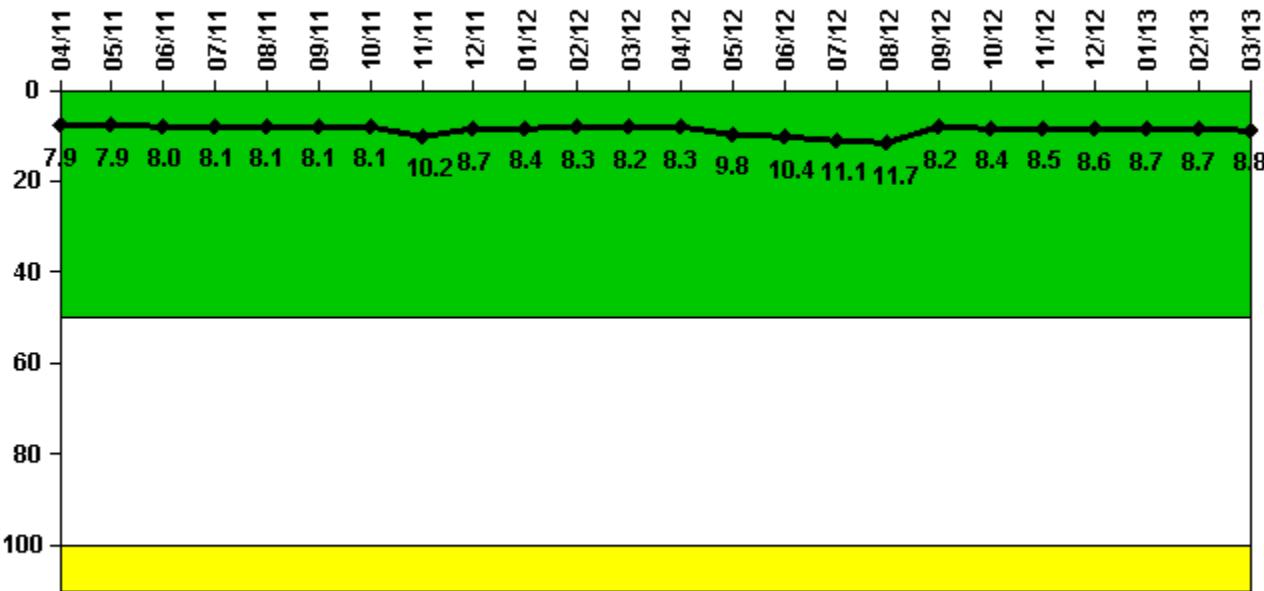
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12
Maximum activity	0.000005	0.000005	0.000005	0.000009	0.000004	0.000005	0.000004	0.000004	0.000003	0.000003	0.000003	0.000003
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	12/12	1/13	2/13	3/13
Maximum activity	0.000003	0.000005	0.000005	0.000006	0.000005	0.000003	0.000004	0.000003	0.000006	0.000003	0.000005	0.000005
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



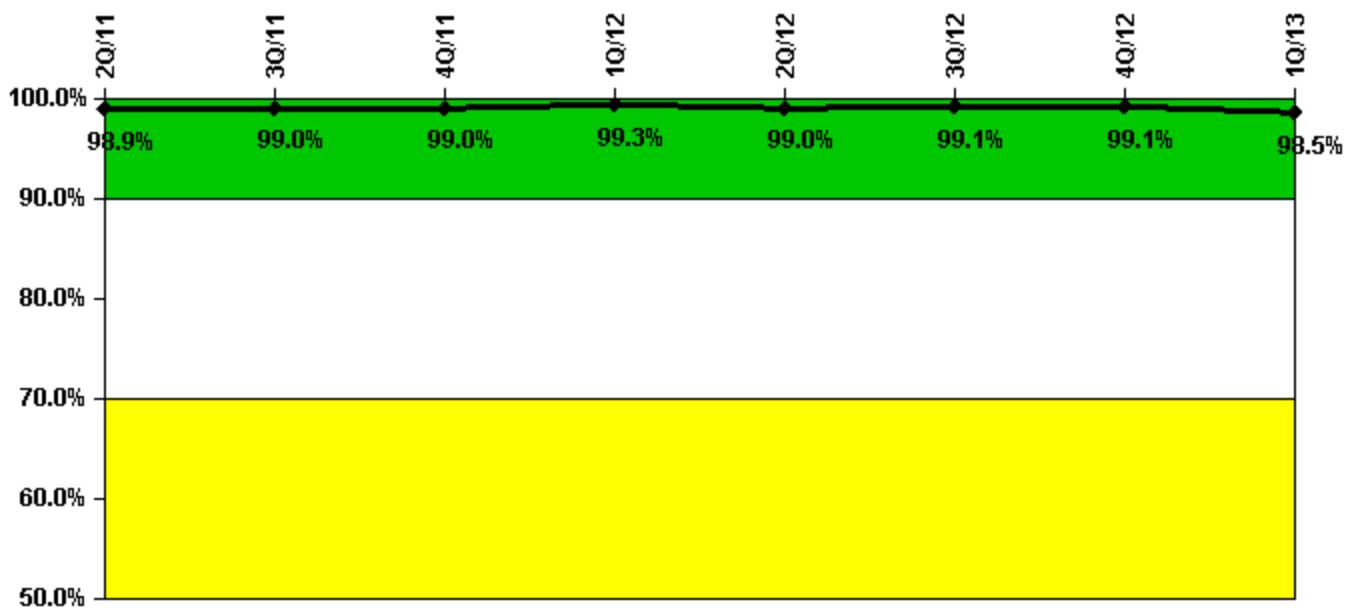
Thresholds: White > 50.0 Yellow > 100.0

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	1.965	1.977	1.988	2.013	2.025	2.023	2.028	2.550	2.178	2.093	2.070	2.055
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	7.9	7.9	8.0	8.1	8.1	8.1	8.1	10.2	8.7	8.4	8.3	8.2
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	2.087	2.462	2.610	2.787	2.923	2.045	2.102	2.115	2.143	2.170	2.173	2.203
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	8.3	9.8	10.4	11.1	11.7	8.2	8.4	8.5	8.6	8.7	8.7	8.8

Licensee Comments: none

Drill/Exercise Performance



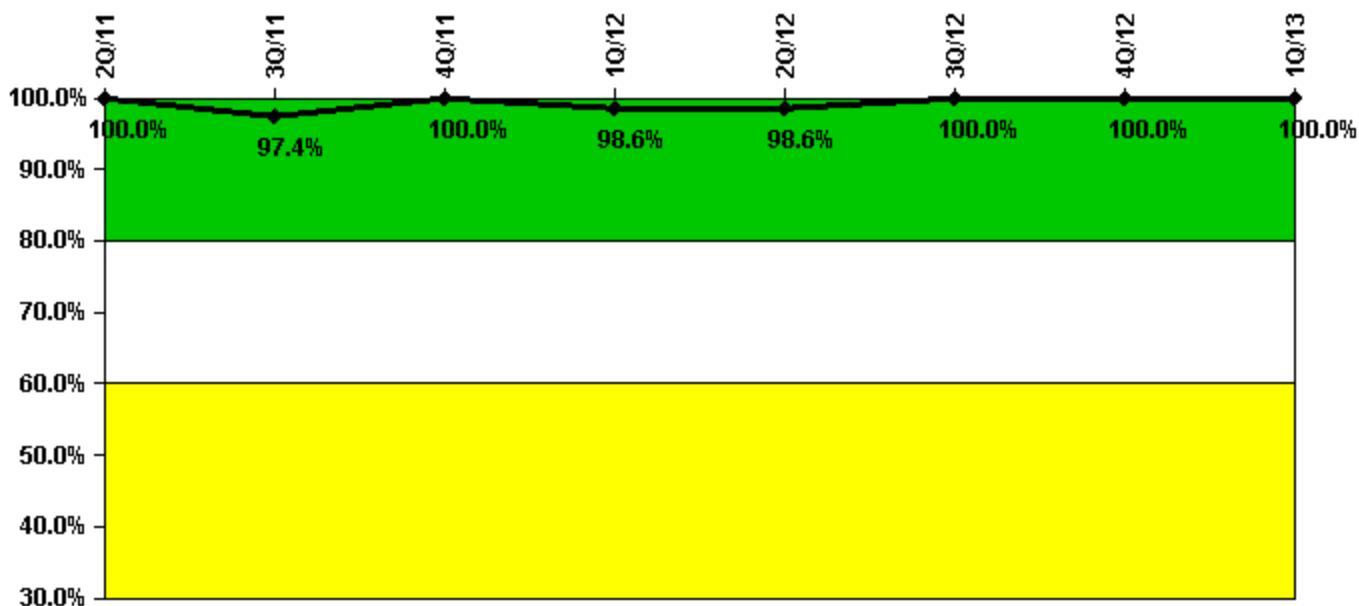
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Successful opportunities	46.0	62.0	24.0	48.0	49.0	20.0	19.0	58.0
Total opportunities	46.0	62.0	24.0	48.0	51.0	20.0	19.0	61.0
Indicator value	98.9%	99.0%	99.0%	99.3%	99.0%	99.1%	99.1%	98.5%

Licensee Comments: none

ERO Drill Participation



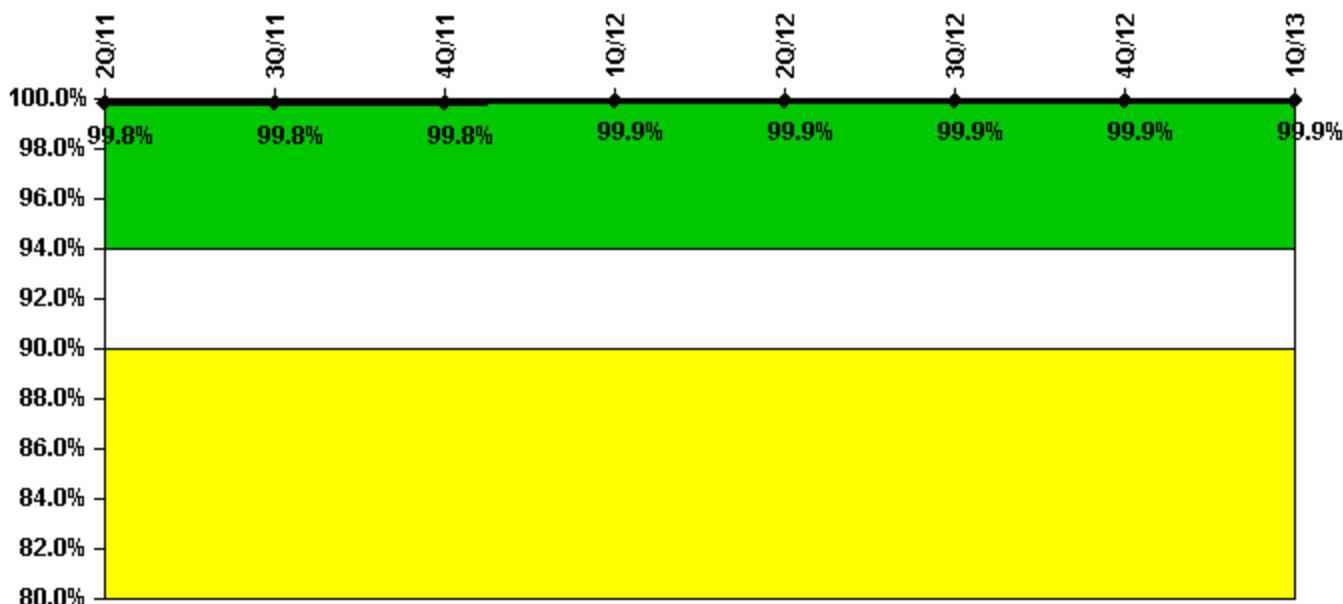
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Participating Key personnel	71.0	74.0	74.0	72.0	70.0	71.0	72.0	72.0
Total Key personnel	71.0	76.0	74.0	73.0	71.0	71.0	72.0	72.0
Indicator value	100.0%	97.4%	100.0%	98.6%	98.6%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



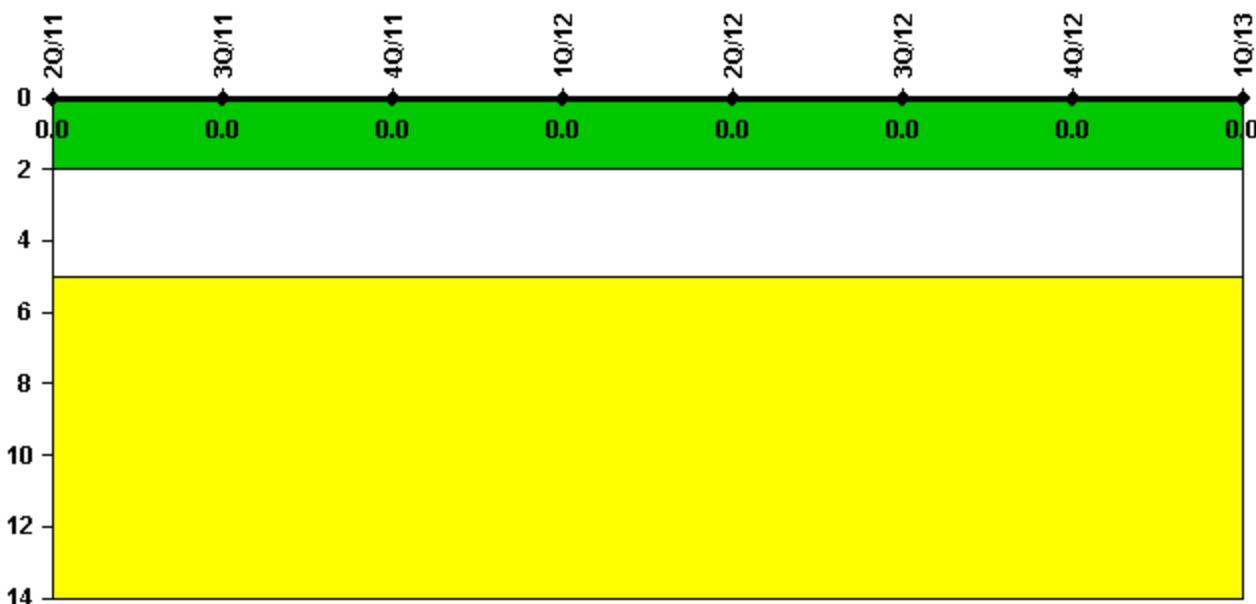
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Successful siren-tests	2936	2940	2940	2989	2940	2893	2944	2942
Total sirens-tests	2944	2944	2944	2990	2944	2898	2944	2944
Indicator value	99.8%	99.8%	99.8%	99.9%	99.9%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



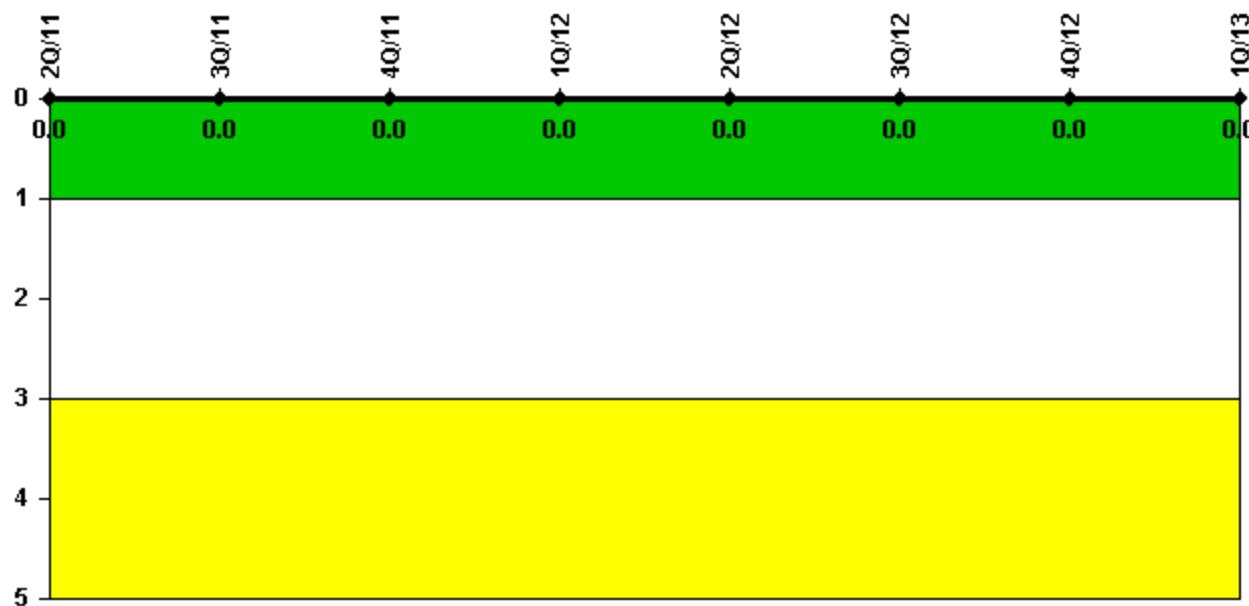
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/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

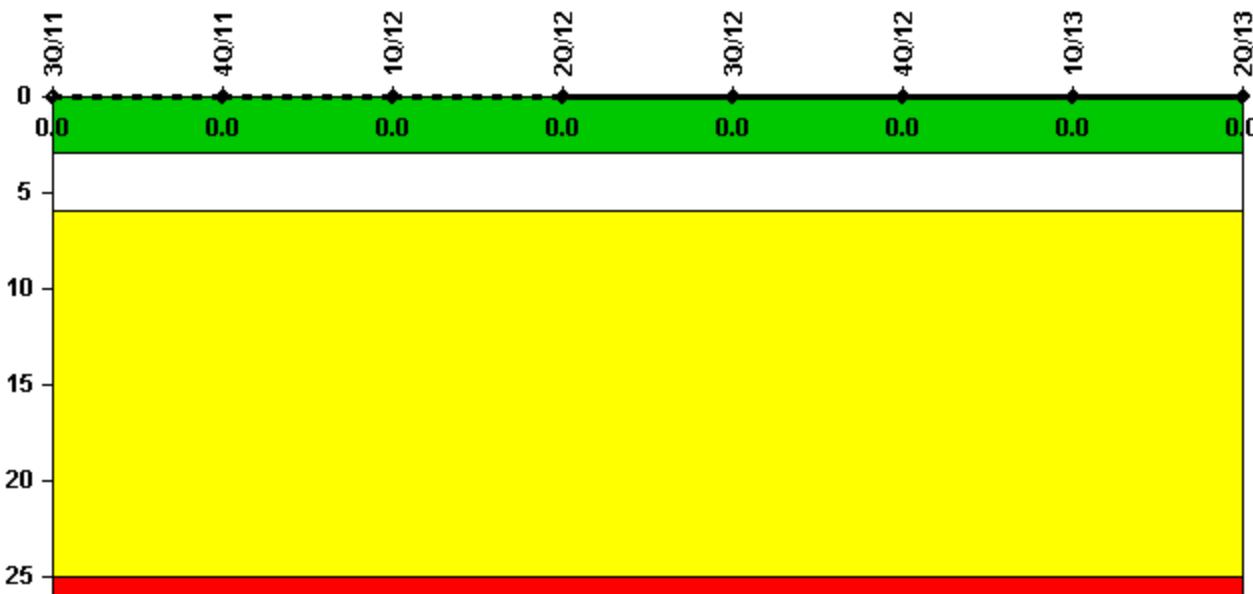
Dresden 2

2Q/2013 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



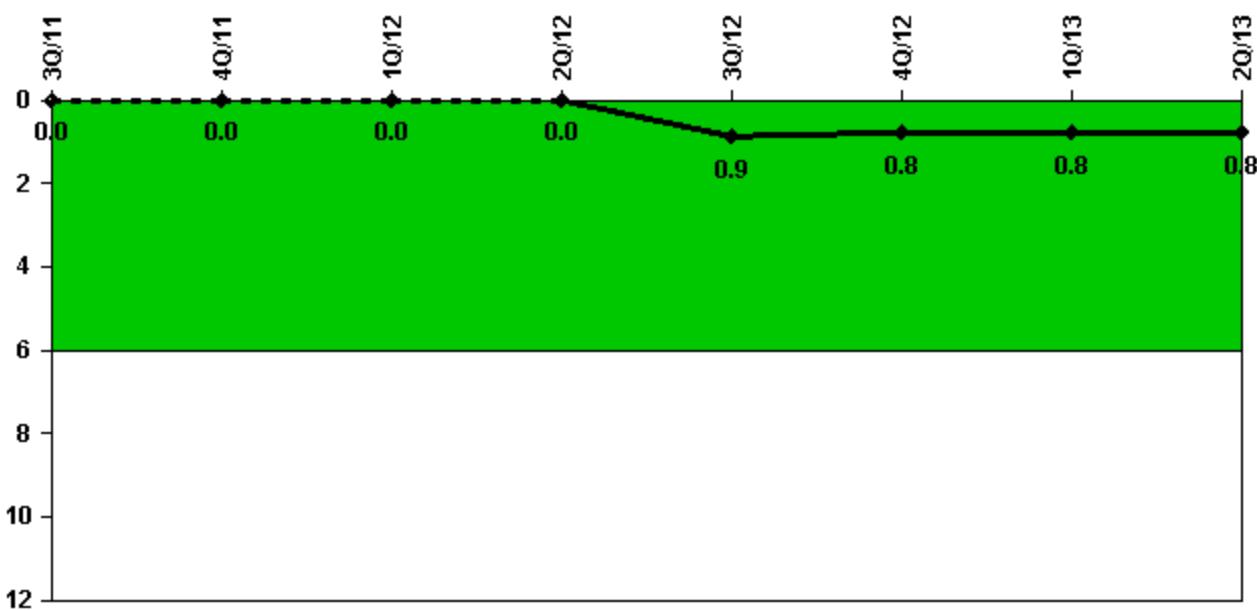
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2208.0	1630.4	2183.0	2184.0	2082.0	2209.0	2159.0	2184.0
Indicator value	0							

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



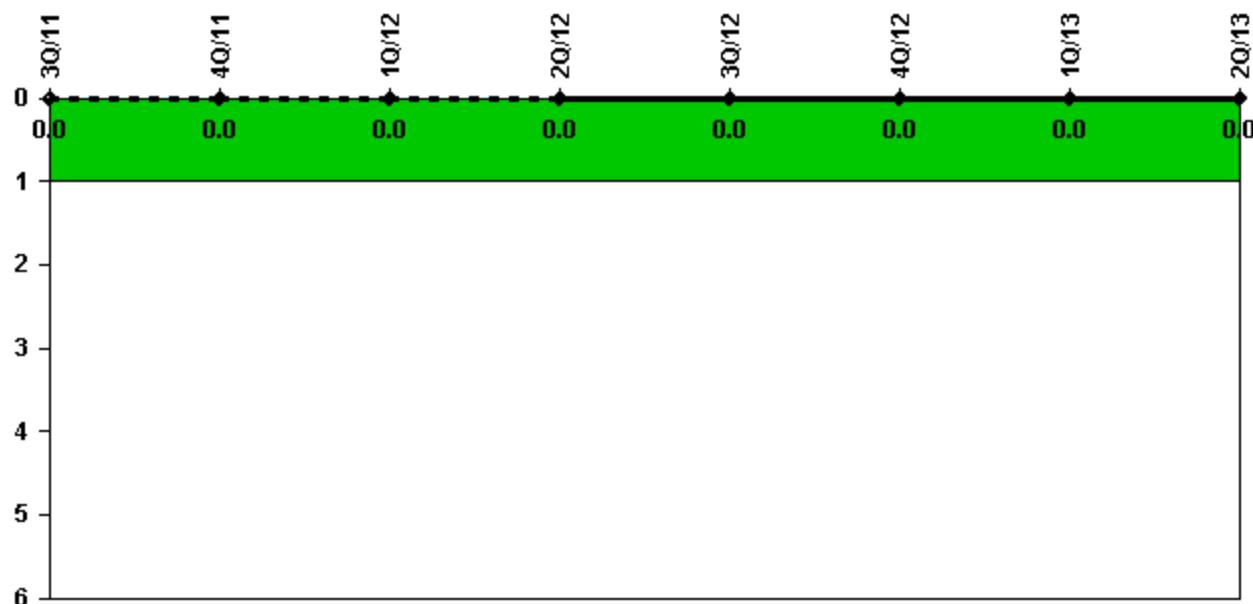
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Unplanned power changes	0	0	0	0	1.0	0	0	0
Critical hours	2208.0	1630.4	2183.0	2184.0	2082.0	2209.0	2159.0	2184.0
Indicator value	0	0	0	0	0.9	0.8	0.8	0.8

Licensee Comments: none

Unplanned Scrams with Complications



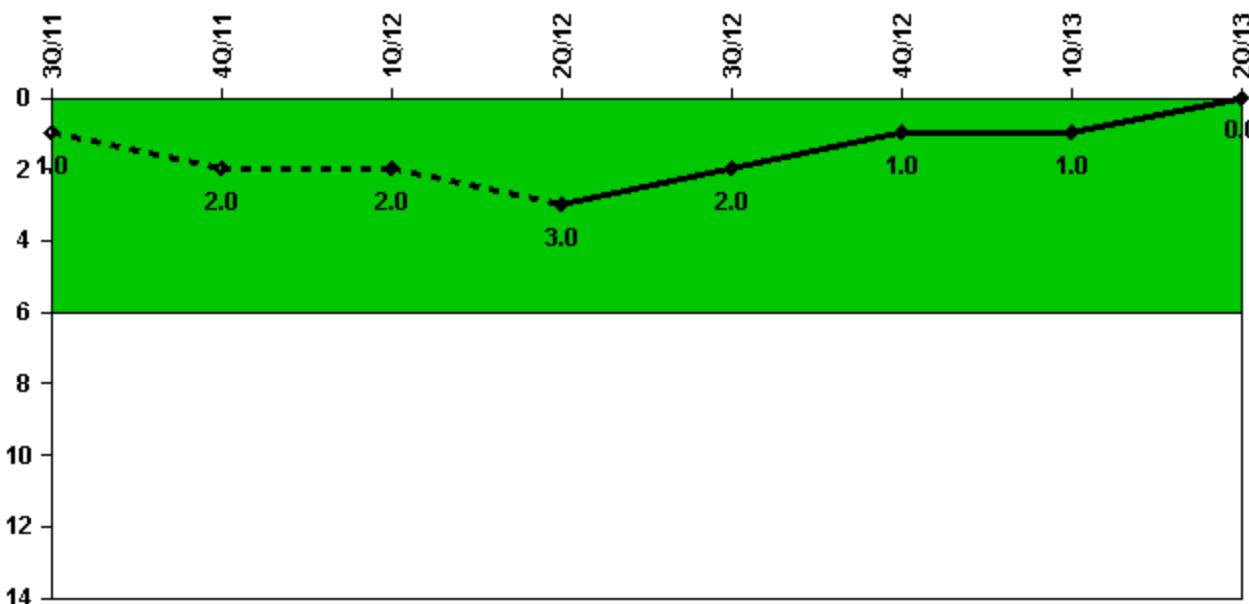
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0							

Licensee Comments: none

Safety System Functional Failures (BWR)



Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Safety System Functional Failures	1	1	0	1	0	0	0	0
Indicator value	1	2	2	3	2	1	1	0

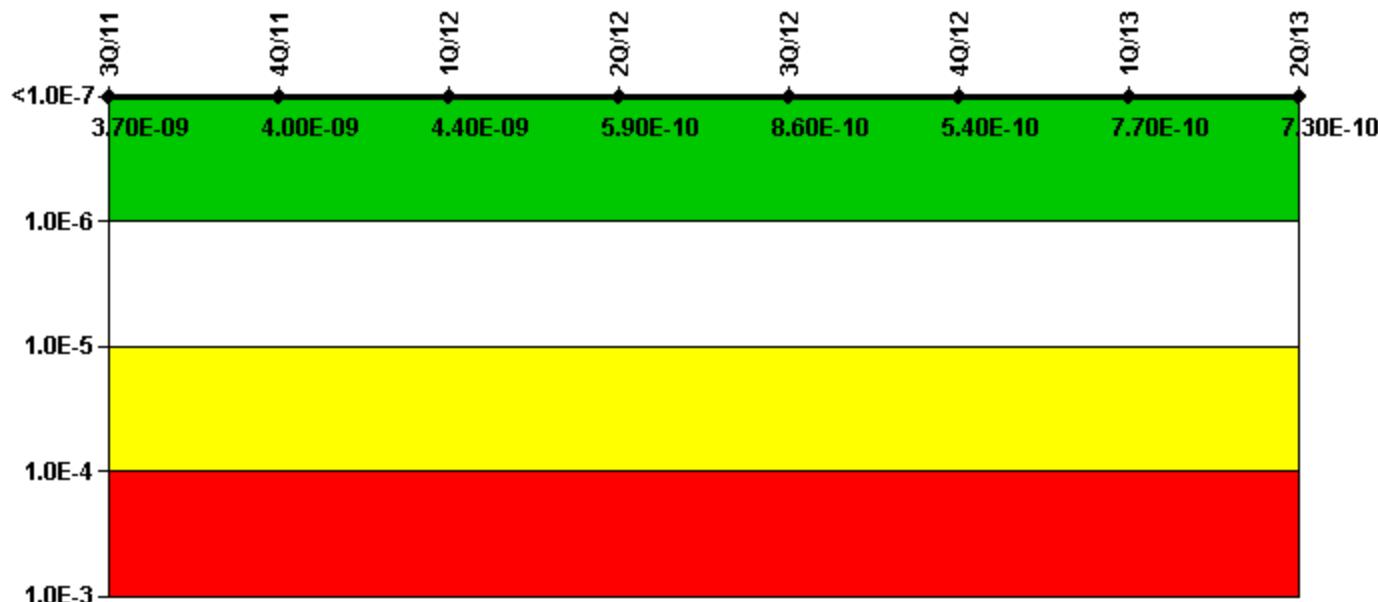
Licensee Comments:

2Q/12: LER 237/2012-001-00, Entire Division of APRM Neutron Flux-High Channels Inoperable as a Result of Power Manuever, dated 4/19/12

4Q/11: LER 237-2011-004-00, Personnel Error Results in Control Room Emergency Ventilation Air Conditioning System Inoperability, dated 12/16/2011

3Q/11: LER 237/2011-001-00, Loss of CCSW System due to Stop Log Installation, dated 7/18/2011

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)	1.46E-09	1.90E-09	2.12E-09	1.12E-09	1.40E-09	9.20E-10	1.17E-09	1.14E-09
URI (Δ CDF)	2.24E-09	2.15E-09	2.25E-09	-5.34E-10	-5.35E-10	-3.82E-10	-4.02E-10	-4.13E-10
PLE	NO							
Indicator value	3.70E-09	4.00E-09	4.40E-09	5.90E-10	8.60E-10	5.40E-10	7.70E-10	7.30E-10

Licensee Comments:

2Q/12: There is one MSPI failure as documented in IR 1374428 for the failure of the Unit 2 DGCWP to start during a surveillance demand.

4Q/11: The MSPI basis document was revised in late November 2011. The revision (Revision 9) added the Diesel Oil Fuel Transfer Pump to the EDG super component boundary and designated the pump train as a monitored component in accordance with the resolution to FAQ 484. The FAQ resolution has an effective date of 1/1/2012. Therefore, there was no effect on the EDG MSPI data during November or December 2011.

Mitigating Systems Performance Index, High Pressure Injection System



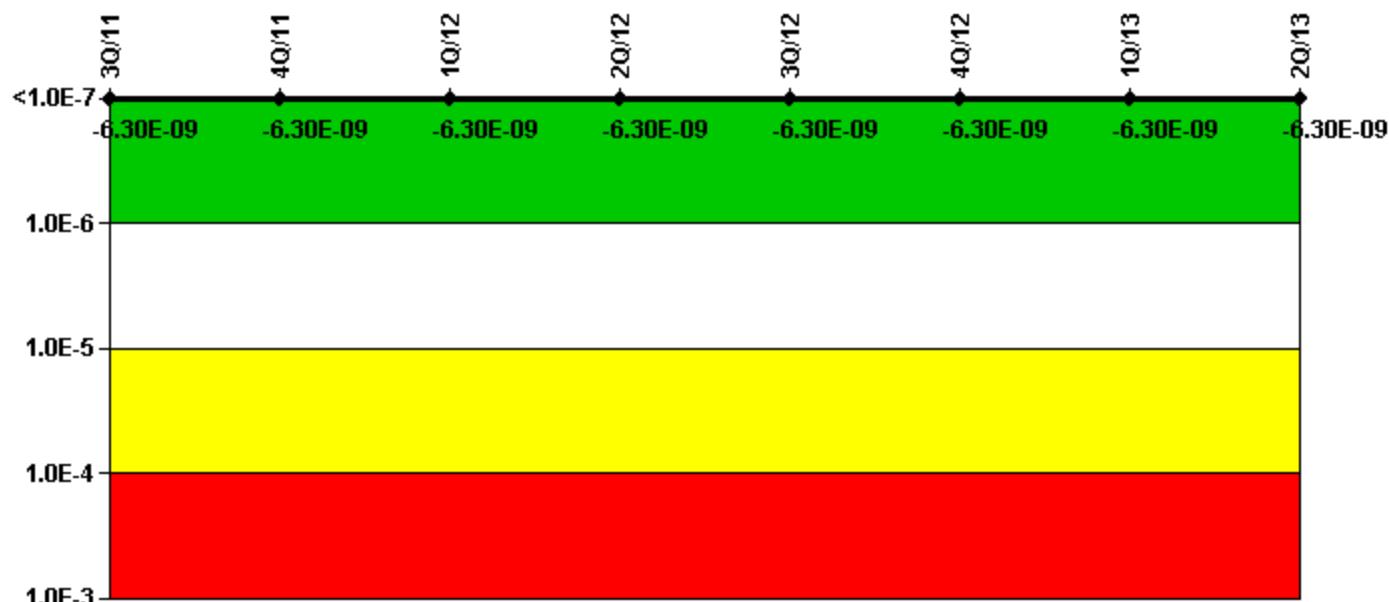
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	-3.22E-09	3.43E-08	4.49E-08	8.10E-08	8.26E-08	7.95E-08	9.92E-08	9.92E-08
URI (Δ CDF)	-7.66E-09	-7.66E-09	-6.55E-08	-6.55E-08	-6.55E-08	-6.55E-08	-6.55E-08	-6.55E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.10E-08	2.70E-08	-2.10E-08	1.60E-08	1.70E-08	1.40E-08	3.40E-08	3.40E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



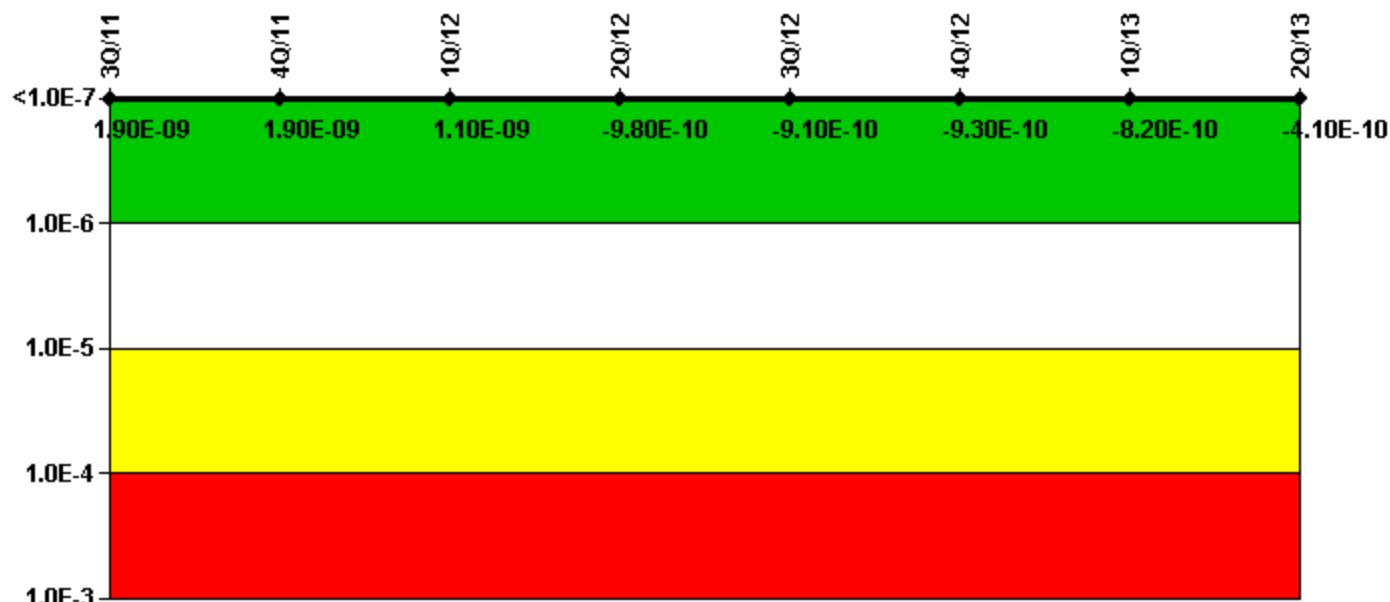
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
UAI (Δ CDF)	-6.24E-09							
URI (Δ CDF)	-9.92E-11							
PLE	NO							
Indicator value	-6.30E-09							

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
UAI (Δ CDF)	5.71E-10	5.40E-10	-3.16E-10	-3.74E-10	-3.65E-10	-4.19E-10	-3.06E-10	1.16E-10
URI (Δ CDF)	1.31E-09	1.37E-09	1.44E-09	-6.01E-10	-5.41E-10	-5.08E-10	-5.17E-10	-5.23E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.90E-09	1.90E-09	1.10E-09	-9.80E-10	-9.10E-10	-9.30E-10	-8.20E-10	-4.10E-10

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



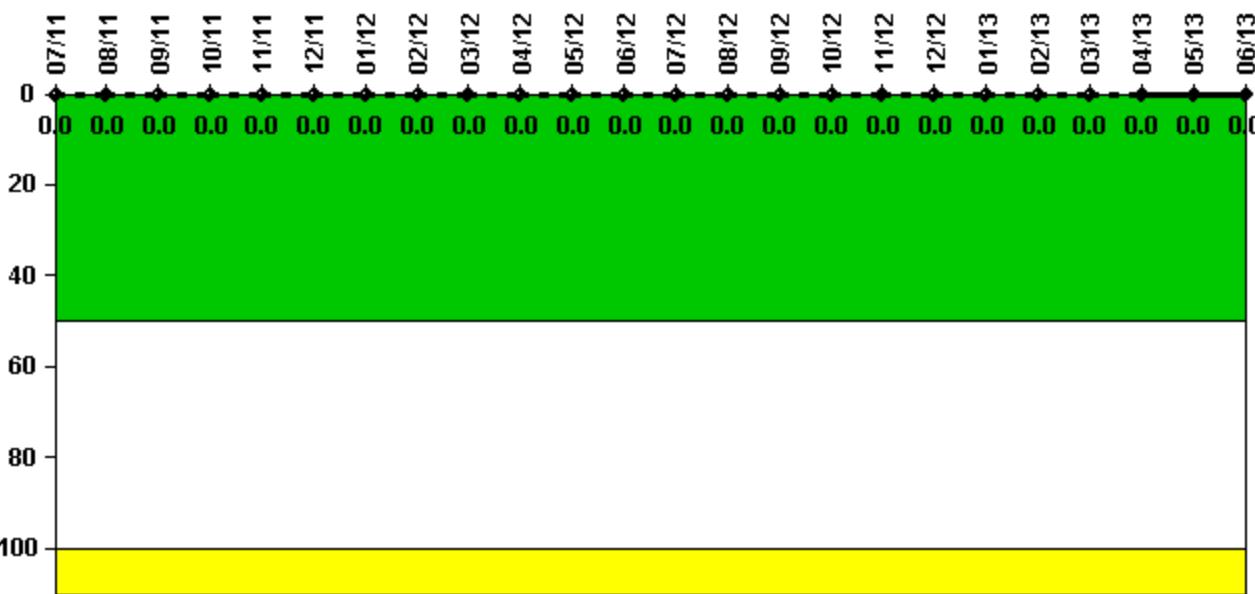
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
UAI (Δ CDF)	1.93E-09	1.53E-09	5.38E-11	4.00E-11	4.76E-11	2.38E-11	2.16E-10	8.07E-10
URI (Δ CDF)	-1.46E-11	-1.43E-11	-1.37E-11	-1.31E-11	-1.18E-11	-1.11E-11	-1.09E-11	-1.09E-11
PLE	NO							
Indicator value	1.90E-09	1.50E-09	4.00E-11	2.70E-11	3.60E-11	1.30E-11	2.00E-10	8.00E-10

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

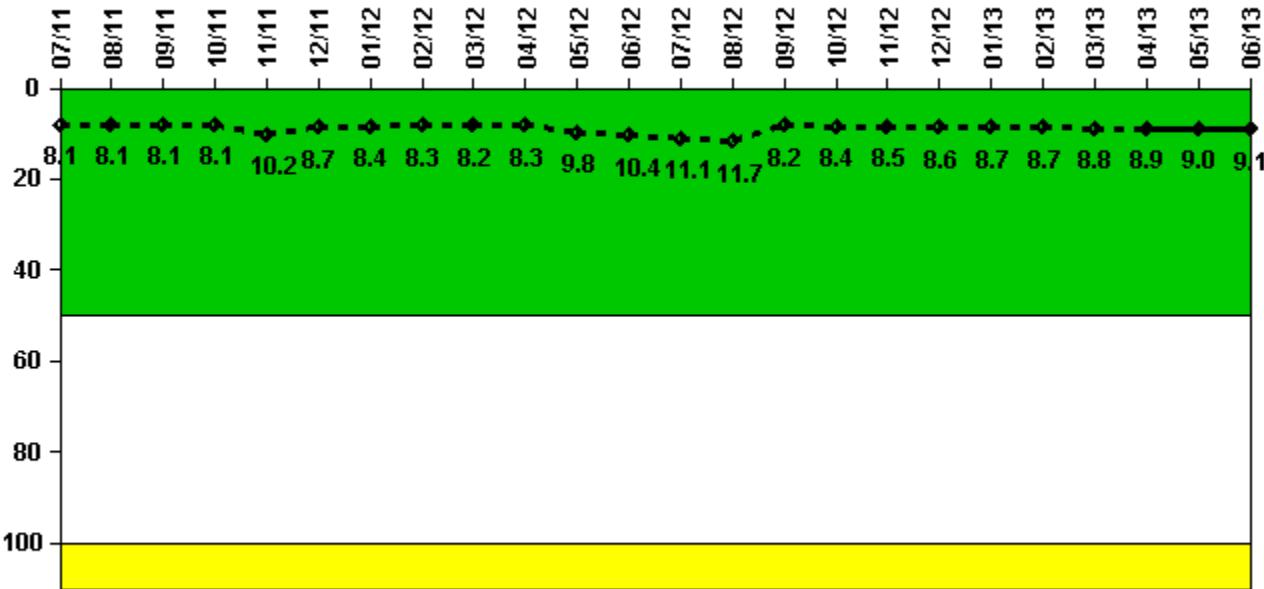
Notes

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	0.000009	0.000004	0.000005	0.000004	0.000004	0.000003	0.000003	0.000003	0.000003	0.000003	0.000005	0.000005
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	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	0.000006	0.000005	0.000003	0.000004	0.000003	0.000006	0.000003	0.000005	0.000005	0.000011	0.000006	0.000018
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



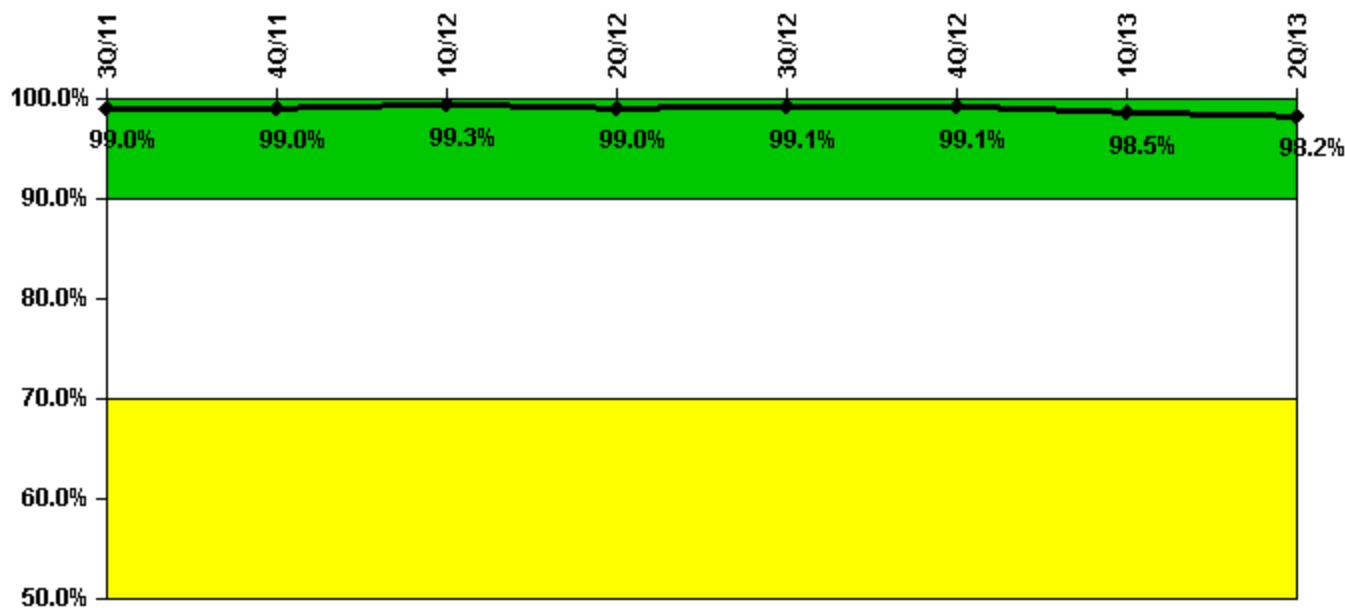
Thresholds: White > 50.0 Yellow > 100.0

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	2.013	2.025	2.023	2.028	2.550	2.178	2.093	2.070	2.055	2.087	2.462	2.610
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	8.1	8.1	8.1	8.1	10.2	8.7	8.4	8.3	8.2	8.3	9.8	10.4
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	2.787	2.923	2.045	2.102	2.115	2.143	2.170	2.173	2.203	2.237	2.260	2.278
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	11.1	11.7	8.2	8.4	8.5	8.6	8.7	8.7	8.8	8.9	9.0	9.1

Licensee Comments: none

Drill/Exercise Performance



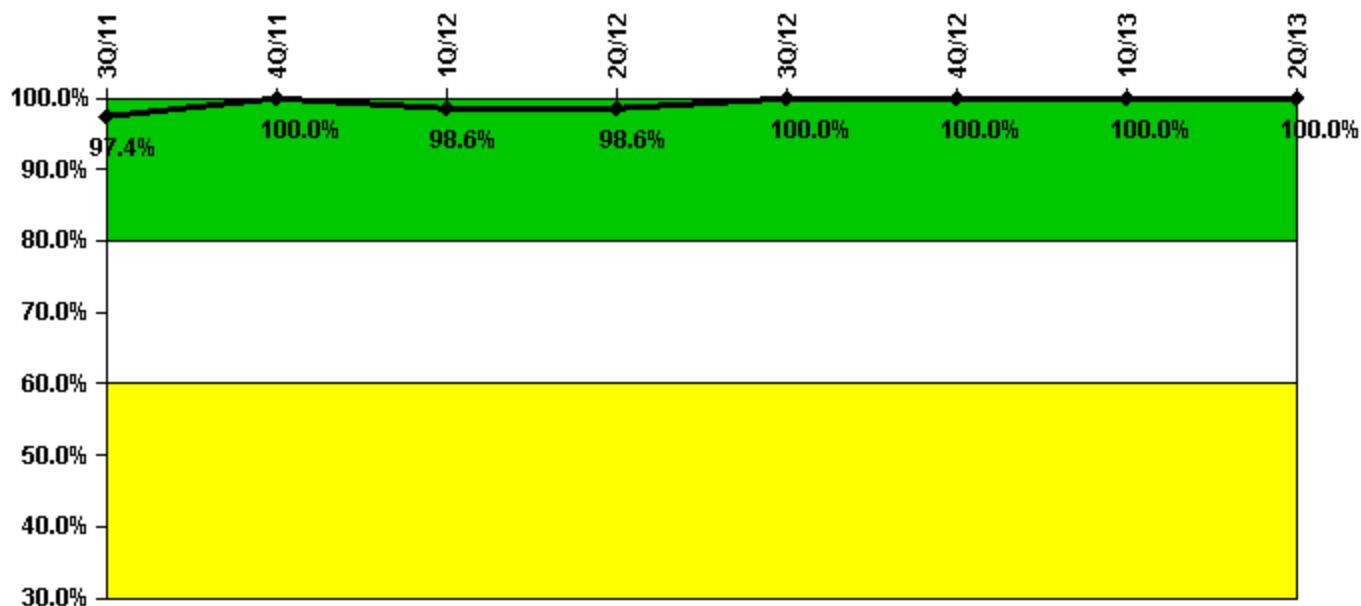
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Successful opportunities	62.0	24.0	48.0	49.0	20.0	19.0	58.0	43.0
Total opportunities	62.0	24.0	48.0	51.0	20.0	19.0	61.0	44.0
Indicator value	99.0%	99.0%	99.3%	99.0%	99.1%	99.1%	98.5%	98.2%

Licensee Comments: none

ERO Drill Participation



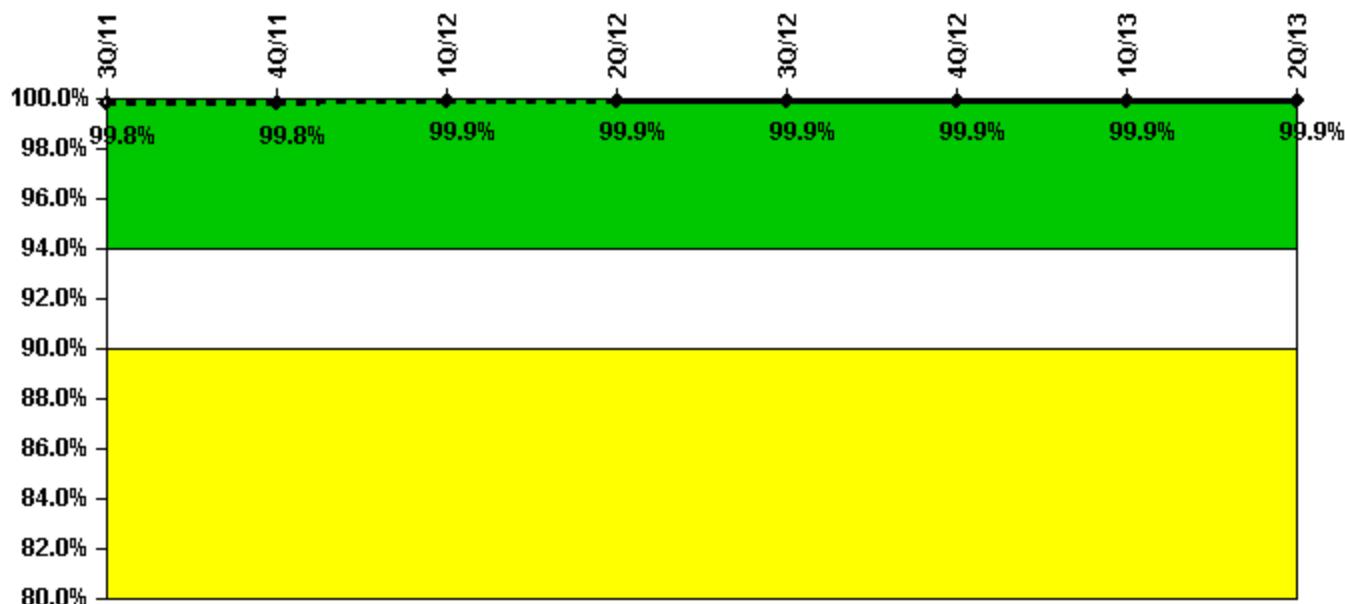
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Participating Key personnel	74.0	74.0	72.0	70.0	71.0	72.0	72.0	73.0
Total Key personnel	76.0	74.0	73.0	71.0	71.0	72.0	72.0	73.0
Indicator value	97.4%	100.0%	98.6%	98.6%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



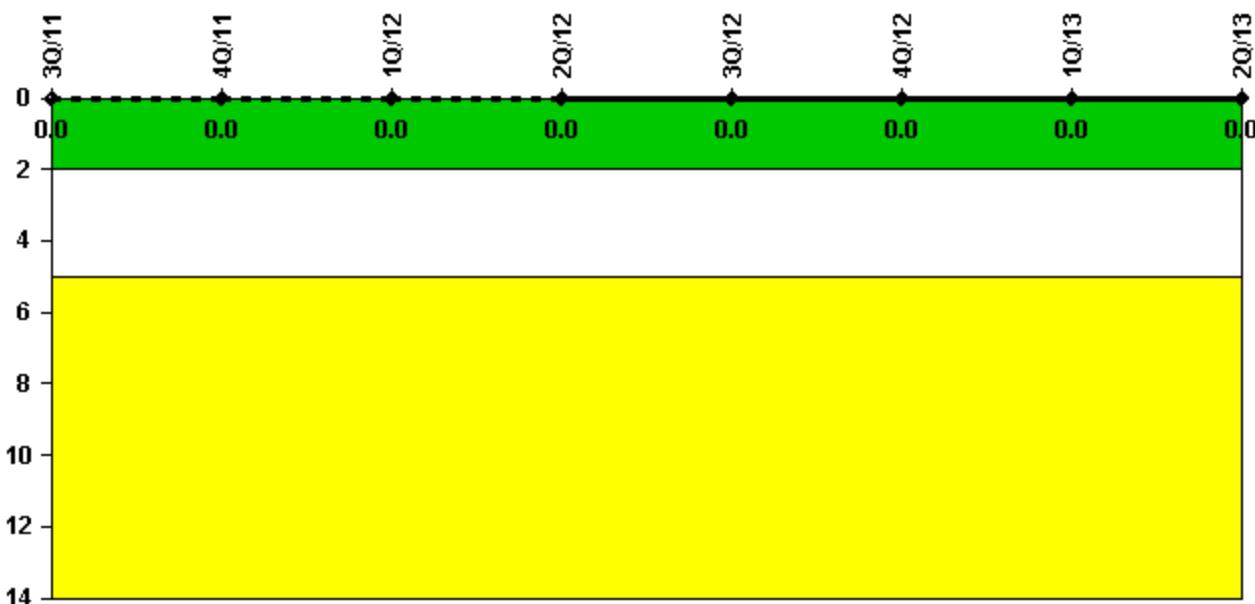
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Successful siren-tests	2940	2940	2989	2940	2893	2944	2942	2938
Total sirens-tests	2944	2944	2990	2944	2898	2944	2944	2944
Indicator value	99.8%	99.8%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



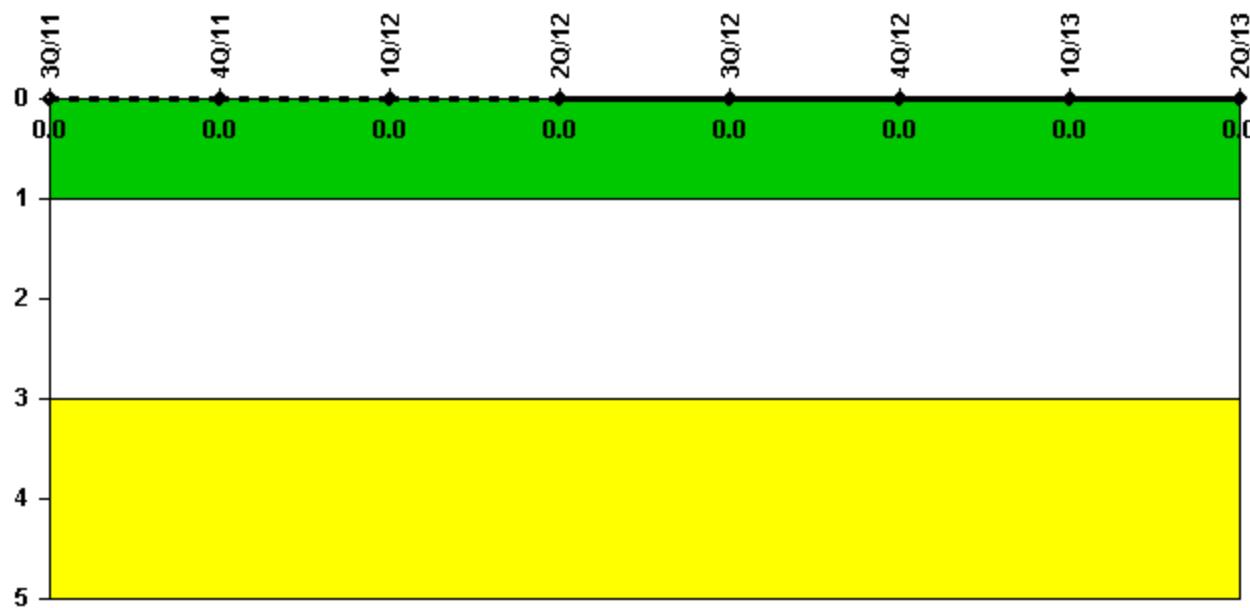
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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

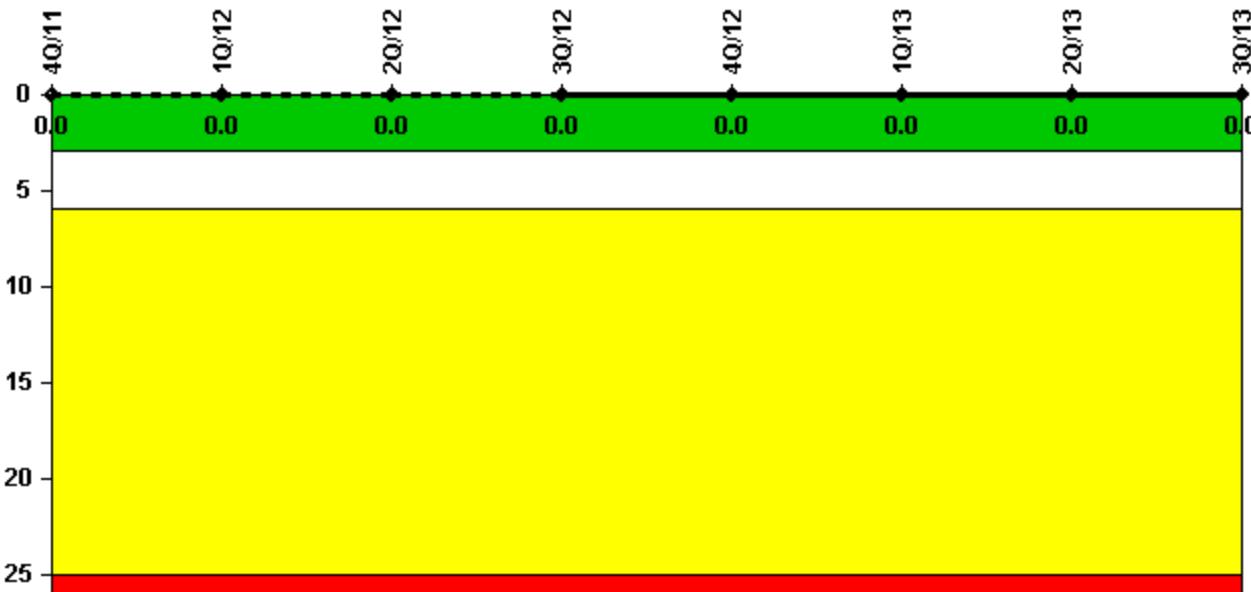
Dresden 2

3Q/2013 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



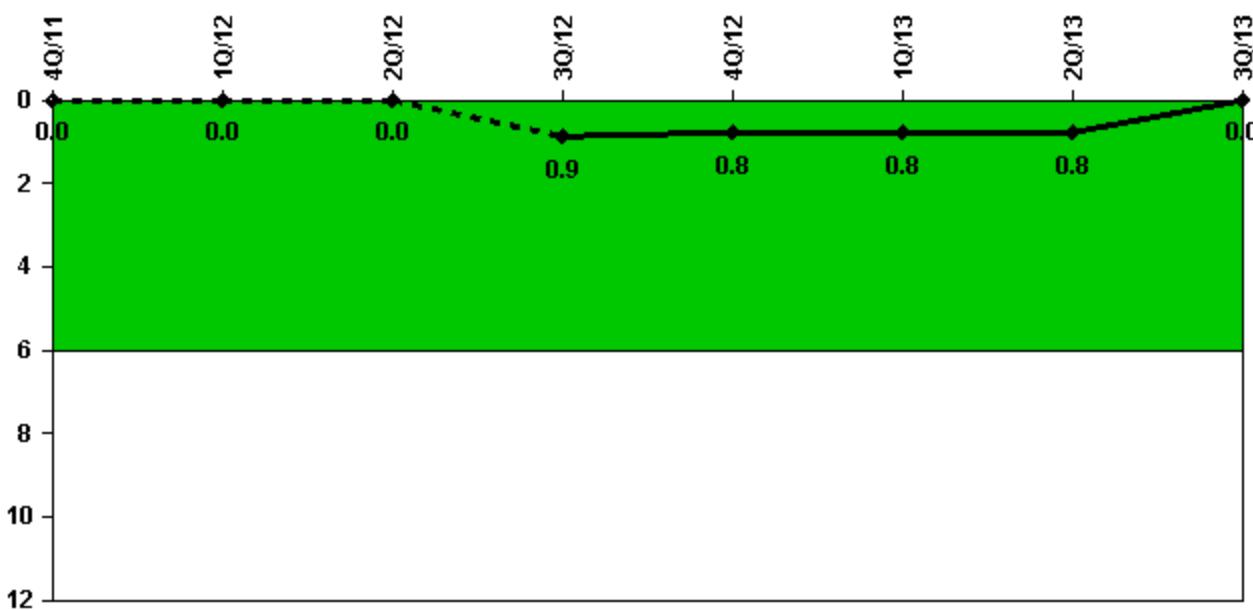
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	1630.4	2183.0	2184.0	2082.0	2209.0	2159.0	2184.0	2208.0
Indicator value	0							

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



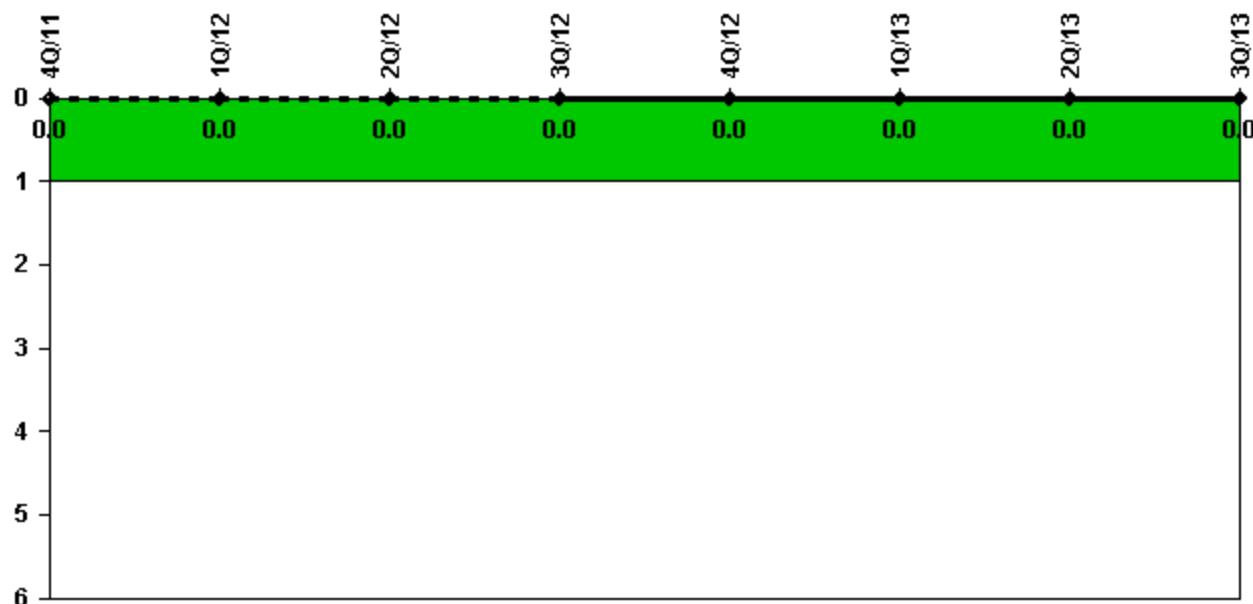
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Unplanned power changes	0	0	0	1.0	0	0	0	0
Critical hours	1630.4	2183.0	2184.0	2082.0	2209.0	2159.0	2184.0	2208.0
Indicator value	0	0	0	0.9	0.8	0.8	0.8	0

Licensee Comments: none

Unplanned Scrams with Complications



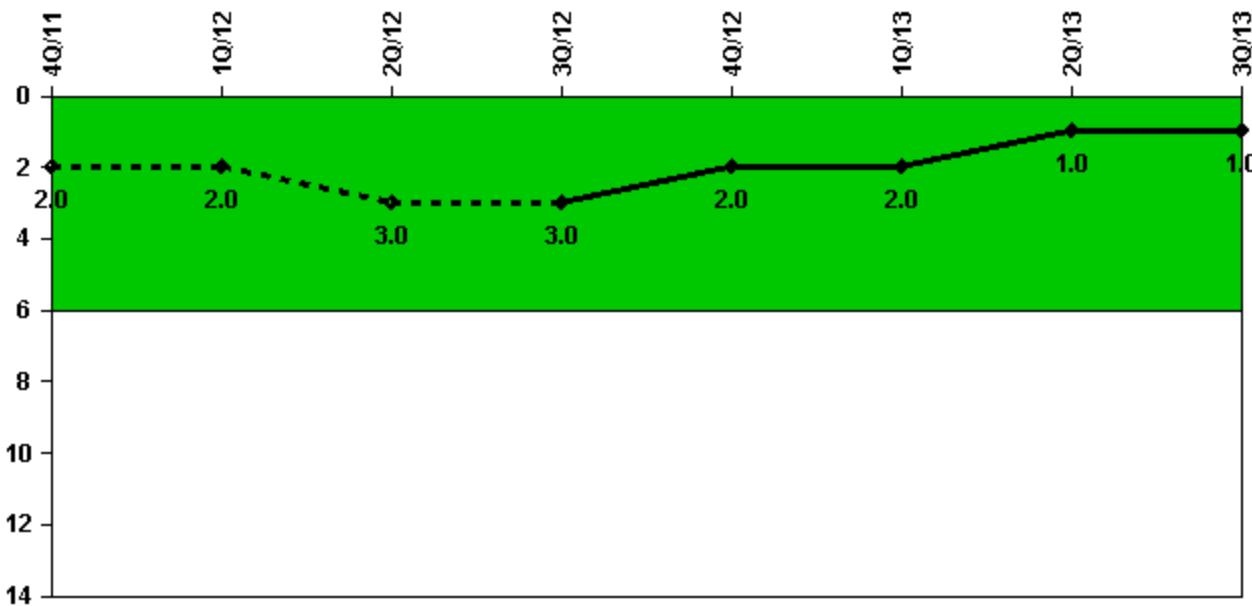
Thresholds: White > 1.0

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	0	0	0	0	0	0	0
Indicator value	0.0							

Licensee Comments: none

Safety System Functional Failures (BWR)



Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Safety System Functional Failures	1	0	1	1	0	0	0	1
Indicator value	2	2	3	3	2	2	1	1

Licensee Comments:

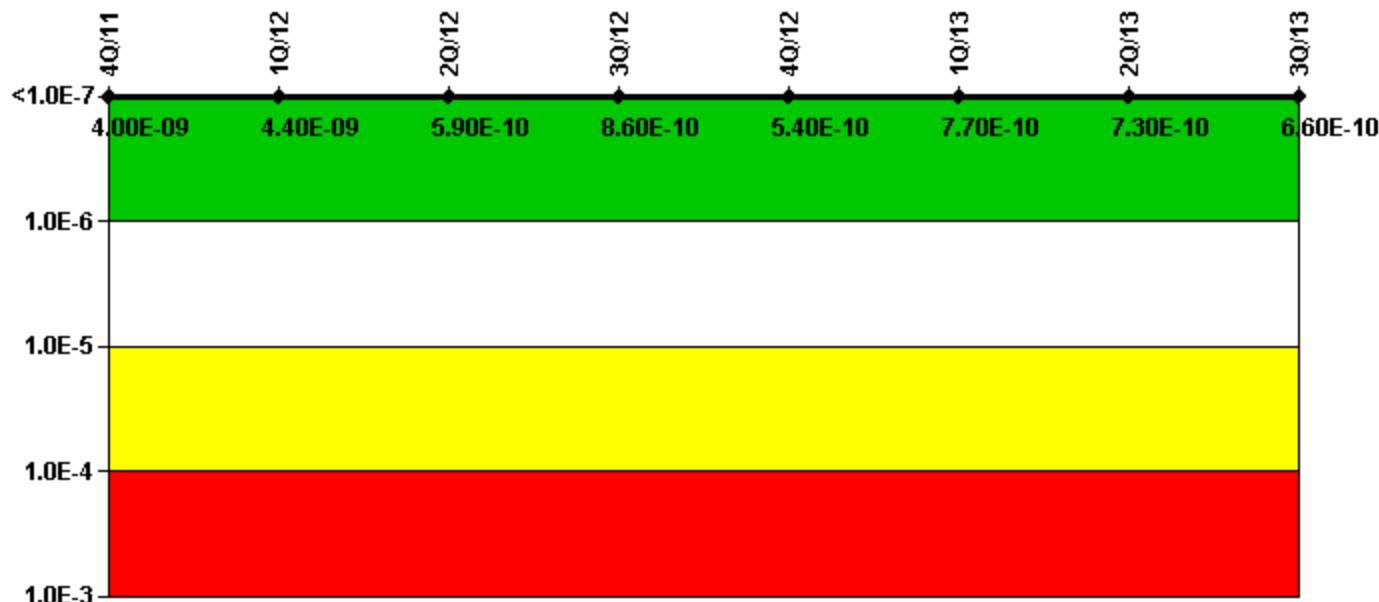
3Q/13: Licensee Event Report 237/2013-001-00, Secondary Containment Inoperable Due to Two Interlock Doors Being Open Simultaneously, dated 8/23/13

3Q/12: SSFF value for July 2012 was changed from 0 to 1 on 10/19/13. Ref. LER 237/2012-002-00, Inlet Steam Drain Pot Drain Line Leaks Result in HPCI Inoperabilities

2Q/12: LER 237/2012-001-00, Entire Division of APRM Neutron Flux-High Channels Inoperable as a Result of Power Manuever, dated 4/19/12

4Q/11: LER 237-2011-004-00, Personnel Error Results in Control Room Emergency Ventilation Air Conditioning System Inoperability, dated 12/16/2011

Mitigating Systems Performance Index, Emergency AC Power System



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

Notes

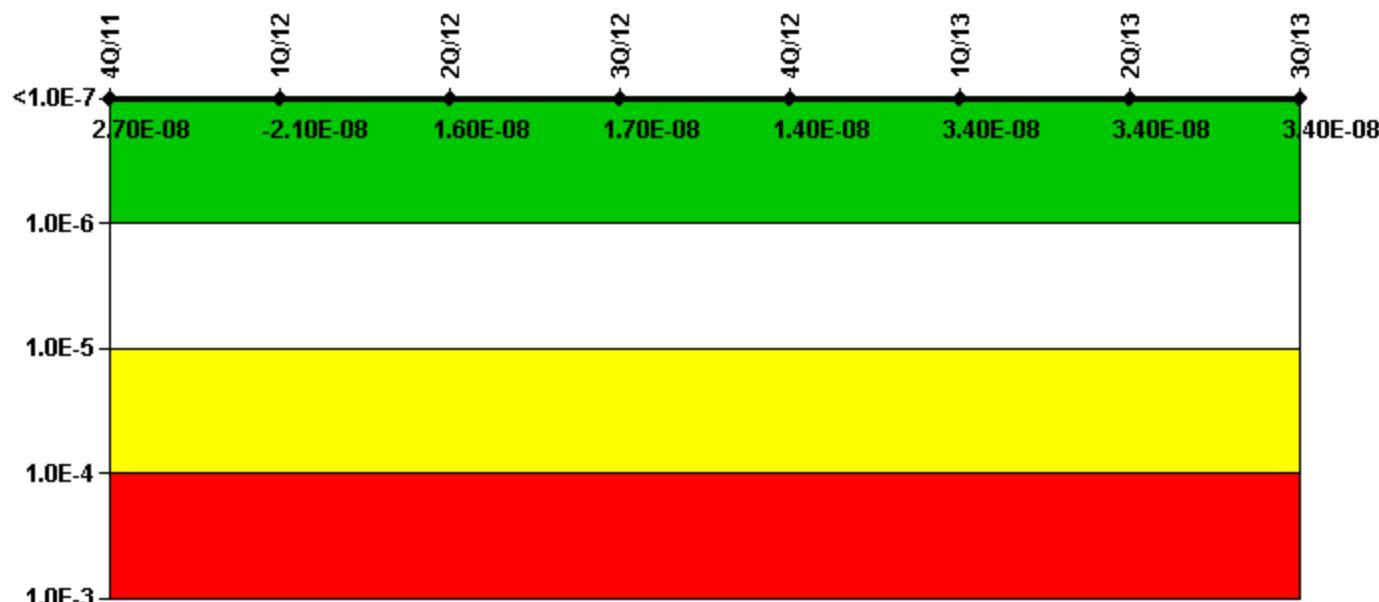
Mitigating Systems Performance Index, Emergency AC Power System	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
UAI (Δ CDF)	1.90E-09	2.12E-09	1.12E-09	1.40E-09	9.20E-10	1.17E-09	1.14E-09	1.06E-09
URI (Δ CDF)	2.15E-09	2.25E-09	-5.34E-10	-5.35E-10	-3.82E-10	-4.02E-10	-4.13E-10	-4.04E-10
PLE	NO							
Indicator value	4.00E-09	4.40E-09	5.90E-10	8.60E-10	5.40E-10	7.70E-10	7.30E-10	6.60E-10

Licensee Comments:

2Q/12: There is one MSPI failure as documented in IR 1374428 for the failure of the Unit 2 DGCWP to start during a surveillance demand.

4Q/11: The MSPI basis document was revised in late November 2011. The revision (Revision 9) added the Diesel Oil Fuel Transfer Pump to the EDG super component boundary and designated the pump train as a monitored component in accordance with the resolution to FAQ 484. The FAQ resolution has an effective date of 1/1/2012. Therefore, there was no effect on the EDG MSPI data during November or December 2011.

Mitigating Systems Performance Index, High Pressure Injection System



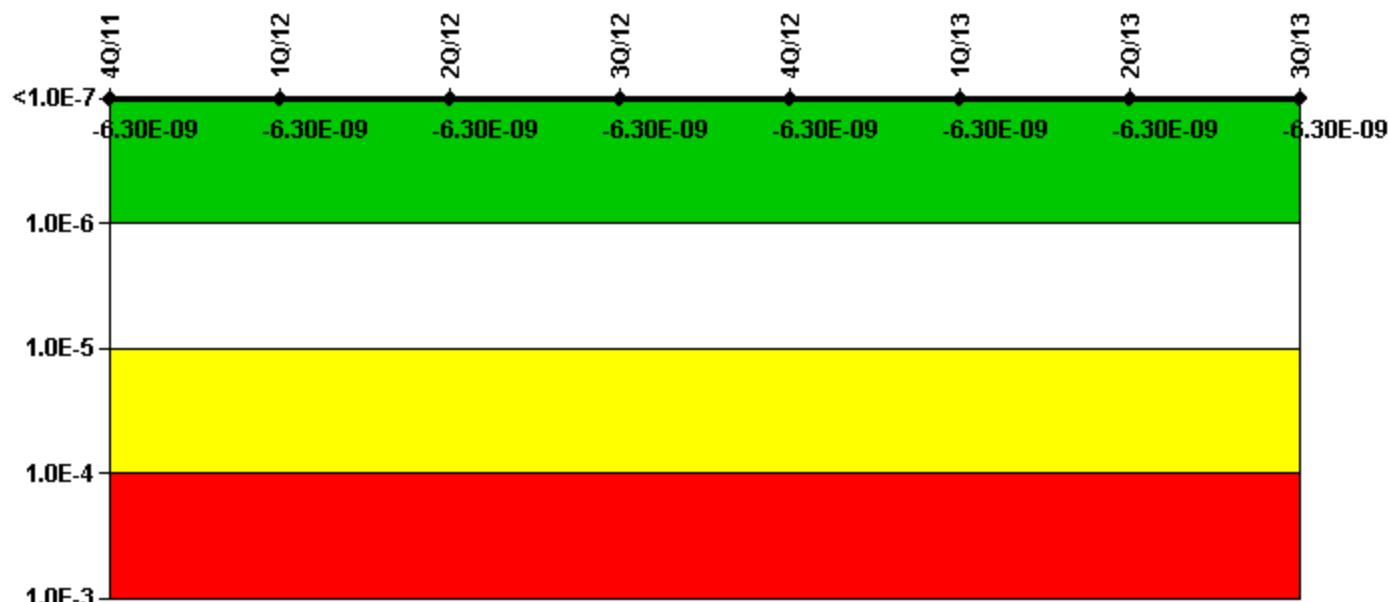
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	3.43E-08	4.49E-08	8.10E-08	8.26E-08	7.95E-08	9.92E-08	9.92E-08	9.92E-08
URI (Δ CDF)	-7.66E-09	-6.55E-08	-6.55E-08	-6.55E-08	-6.55E-08	-6.55E-08	-6.55E-08	-6.55E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.70E-08	-2.10E-08	1.60E-08	1.70E-08	1.40E-08	3.40E-08	3.40E-08	3.40E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



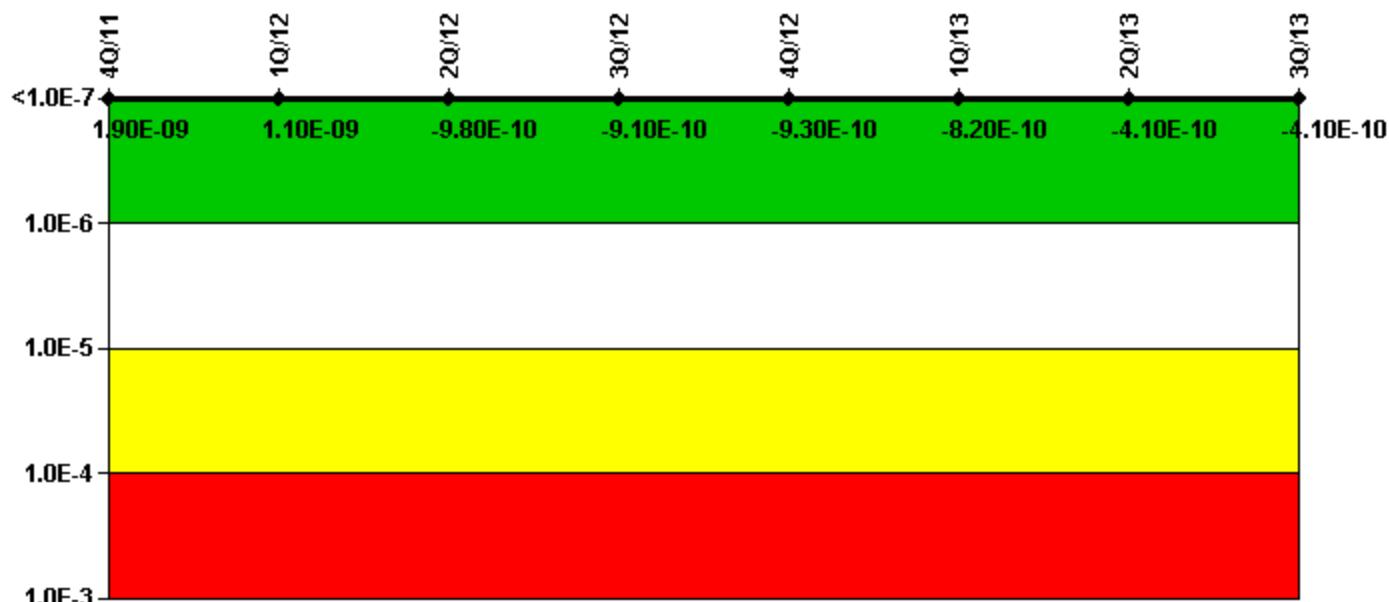
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
UAI (Δ CDF)	-6.24E-09							
URI (Δ CDF)	-9.92E-11							
PLE	NO							
Indicator value	-6.30E-09							

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



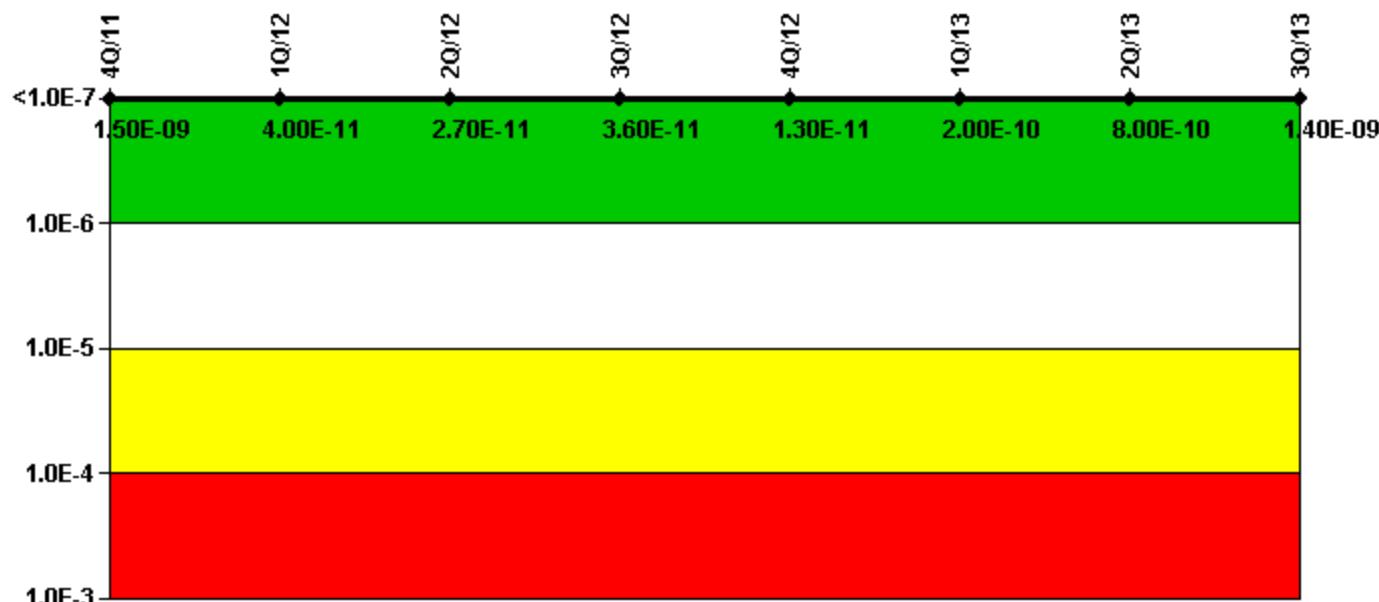
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
UAI (Δ CDF)	5.40E-10	-3.16E-10	-3.74E-10	-3.65E-10	-4.19E-10	-3.06E-10	1.16E-10	1.16E-10
URI (Δ CDF)	1.37E-09	1.44E-09	-6.01E-10	-5.41E-10	-5.08E-10	-5.17E-10	-5.23E-10	-5.28E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.90E-09	1.10E-09	-9.80E-10	-9.10E-10	-9.30E-10	-8.20E-10	-4.10E-10	-4.10E-10

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



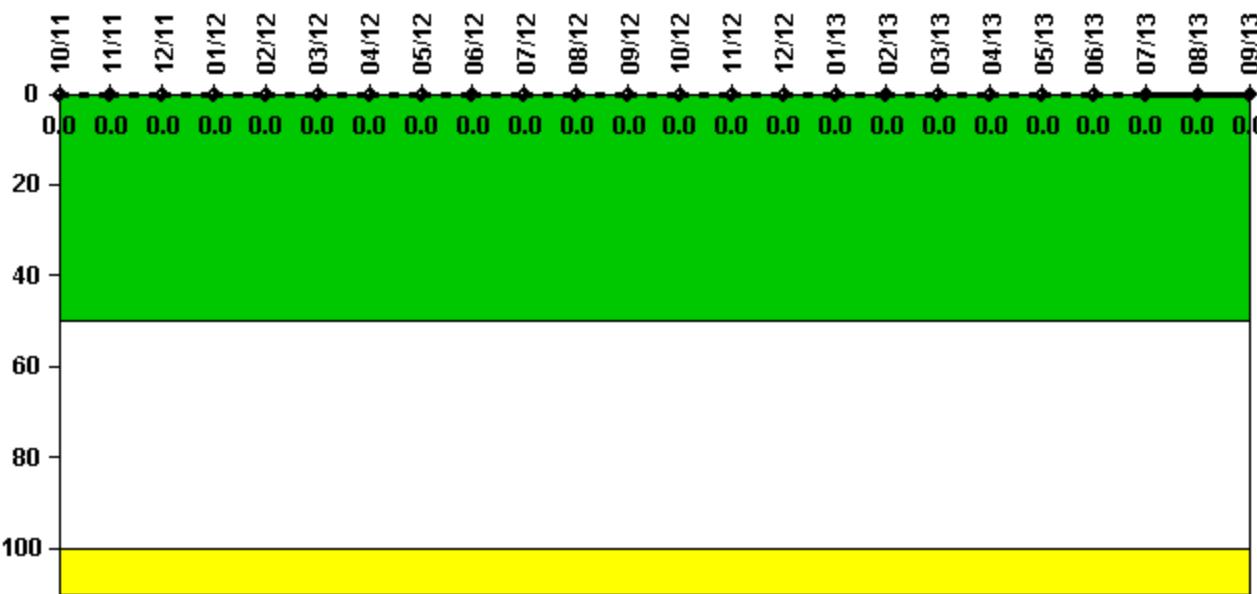
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
UAI (Δ CDF)	1.53E-09	5.38E-11	4.00E-11	4.76E-11	2.38E-11	2.16E-10	8.07E-10	1.45E-09
URI (Δ CDF)	-1.43E-11	-1.37E-11	-1.31E-11	-1.18E-11	-1.11E-11	-1.09E-11	-1.09E-11	-1.09E-11
PLE	NO							
Indicator value	1.50E-09	4.00E-11	2.70E-11	3.60E-11	1.30E-11	2.00E-10	8.00E-10	1.40E-09

Licensee Comments: none

Reactor Coolant System Activity



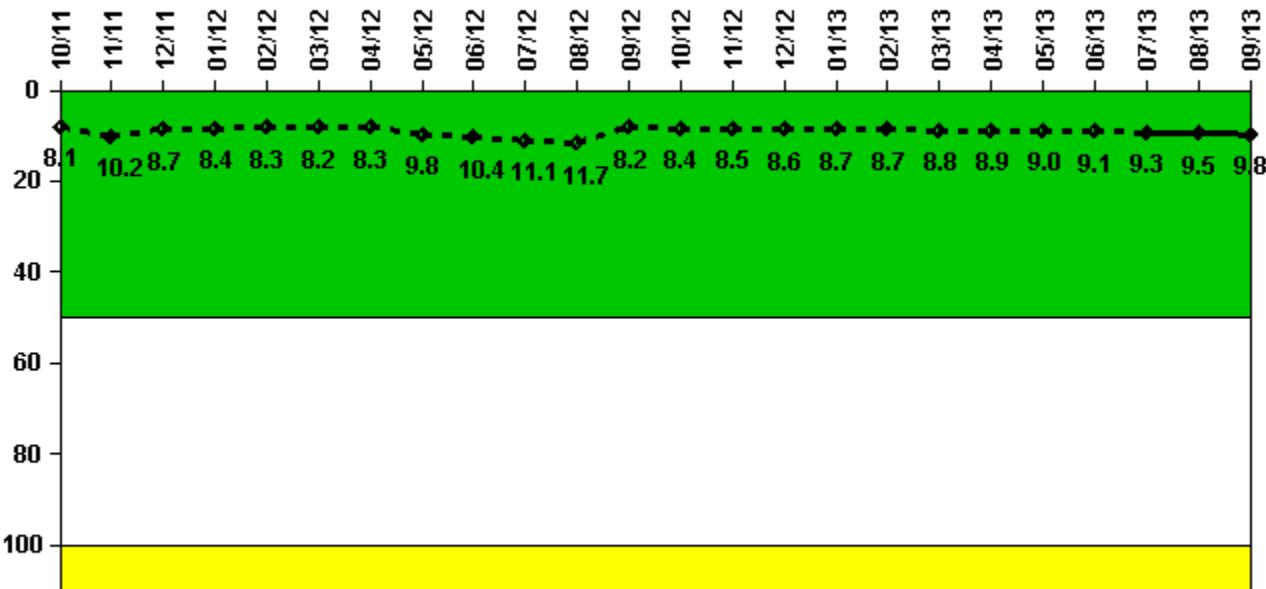
Thresholds: White > 50.0 Yellow > 100.0

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	0.000004	0.000004	0.000003	0.000003	0.000003	0.000003	0.000003	0.000005	0.000005	0.000006	0.000005	0.000003
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	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	0.000004	0.000003	0.000006	0.000003	0.000005	0.000005	0.000011	0.000006	0.000018	0.000003	0.000003	0.000009
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



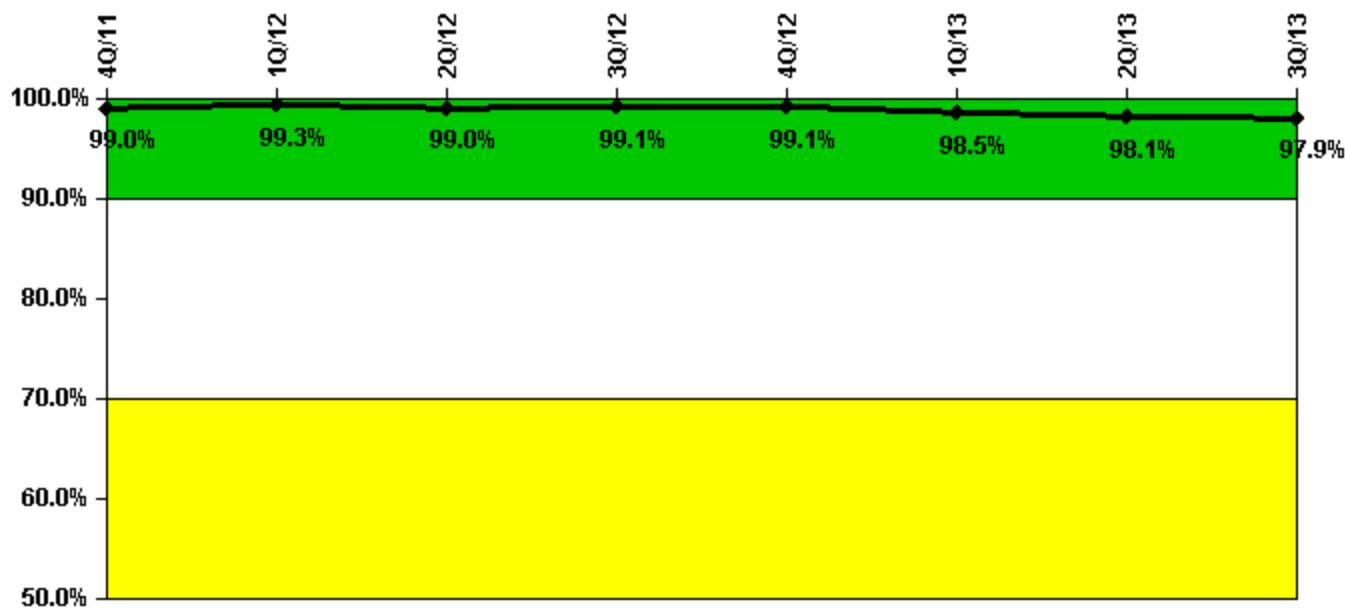
Thresholds: White > 50.0 Yellow > 100.0

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	2.028	2.550	2.178	2.093	2.070	2.055	2.087	2.462	2.610	2.787	2.923	2.045
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	8.1	10.2	8.7	8.4	8.3	8.2	8.3	9.8	10.4	11.1	11.7	8.2
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	2.102	2.115	2.143	2.170	2.173	2.203	2.237	2.260	2.278	2.327	2.365	2.438
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	8.4	8.5	8.6	8.7	8.7	8.8	8.9	9.0	9.1	9.3	9.5	9.8

Licensee Comments: none

Drill/Exercise Performance



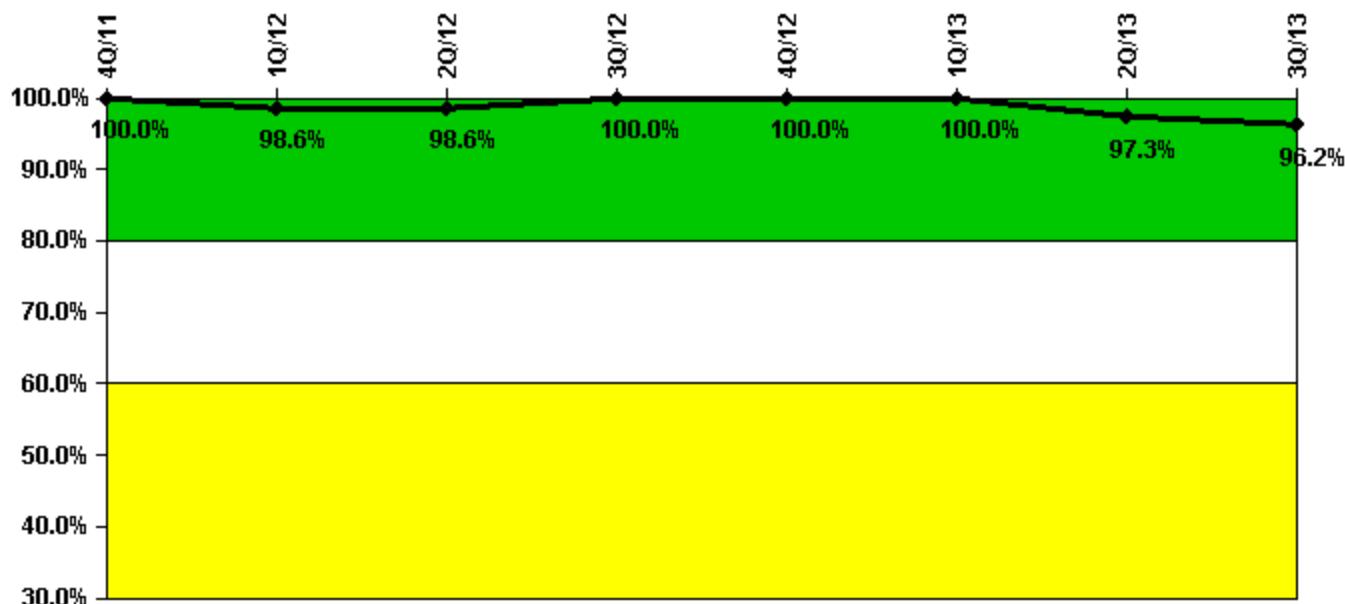
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Successful opportunities	24.0	48.0	49.0	20.0	19.0	58.0	32.0	36.0
Total opportunities	24.0	48.0	51.0	20.0	19.0	61.0	33.0	36.0
Indicator value	99.0%	99.3%	99.0%	99.1%	99.1%	98.5%	98.1%	97.9%

Licensee Comments: none

ERO Drill Participation



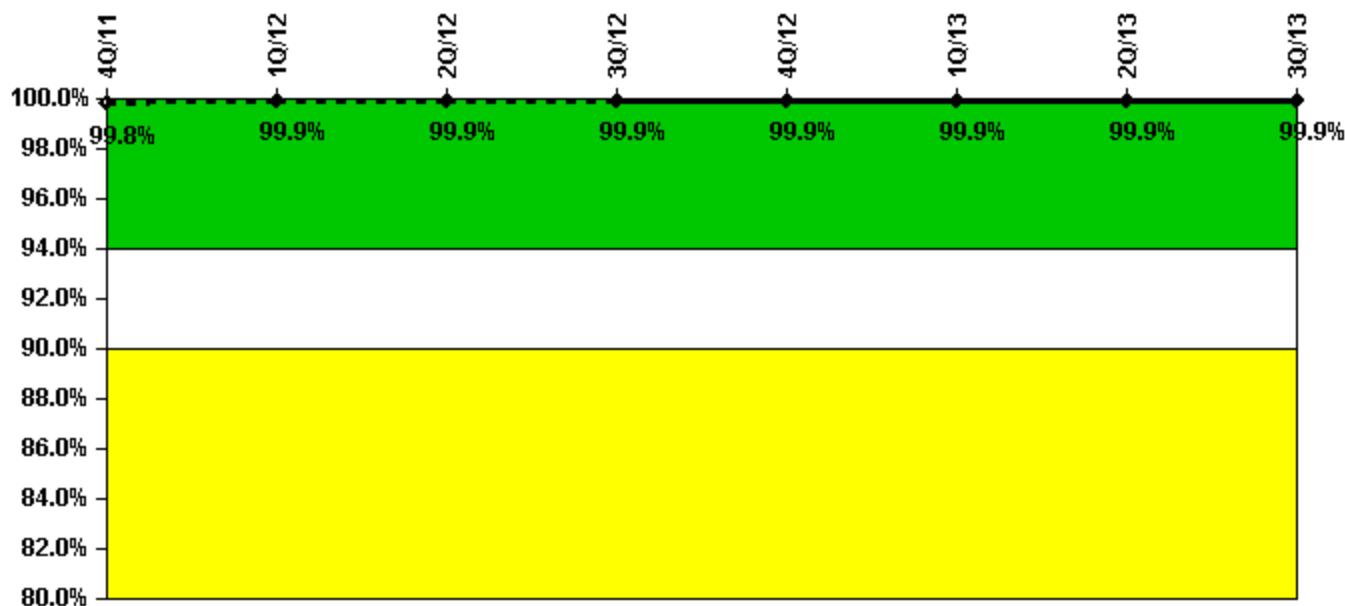
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Participating Key personnel	74.0	72.0	70.0	71.0	72.0	72.0	71.0	76.0
Total Key personnel	74.0	73.0	71.0	71.0	72.0	72.0	73.0	79.0
Indicator value	100.0%	98.6%	98.6%	100.0%	100.0%	100.0%	97.3%	96.2%

Licensee Comments: none

Alert & Notification System



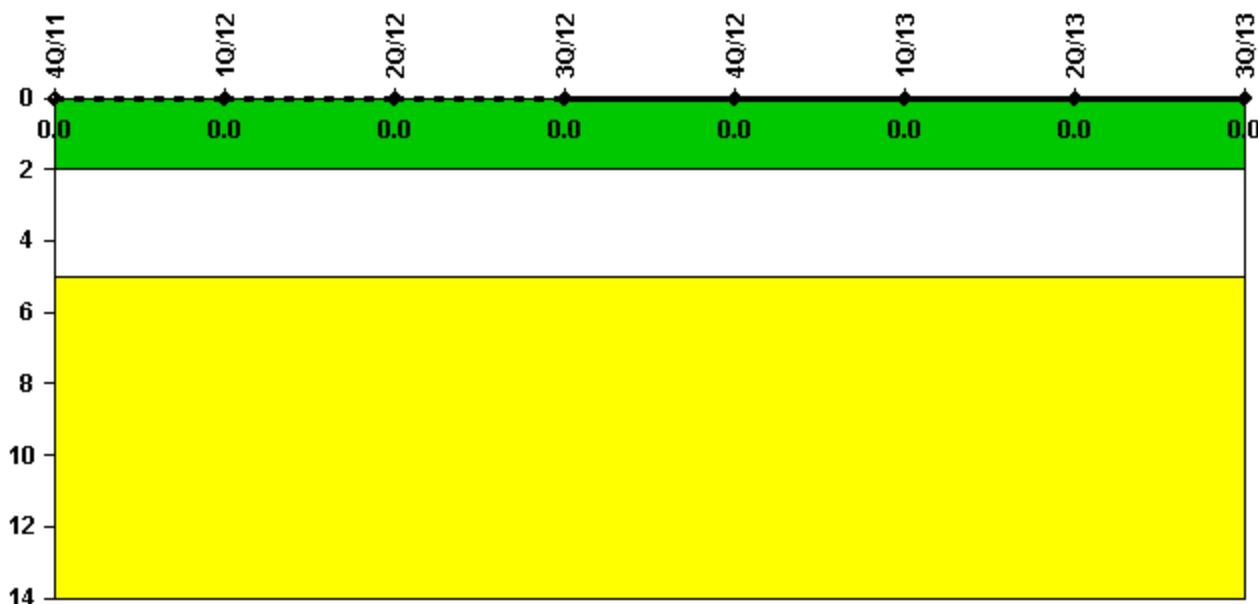
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Successful siren-tests	2940	2989	2940	2893	2944	2942	2938	2939
Total sirens-tests	2944	2990	2944	2898	2944	2944	2944	2944
Indicator value	99.8%	99.9%						

Licensee Comments: none

Occupational Exposure Control Effectiveness



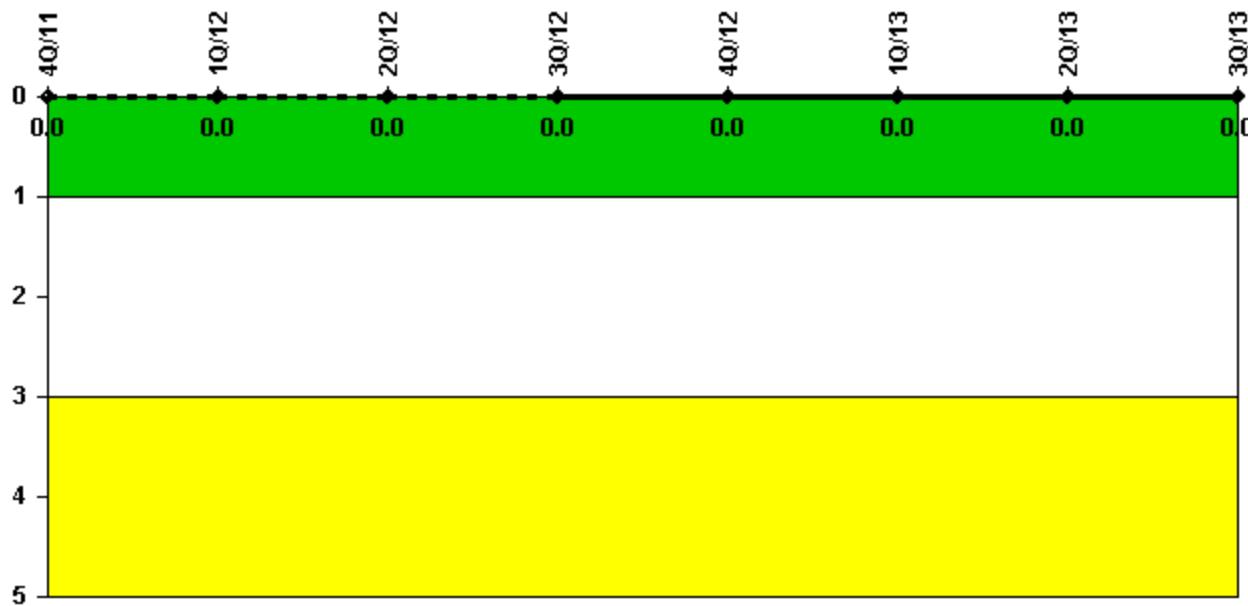
Thresholds: White > 2.0 Yellow > 5.0

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

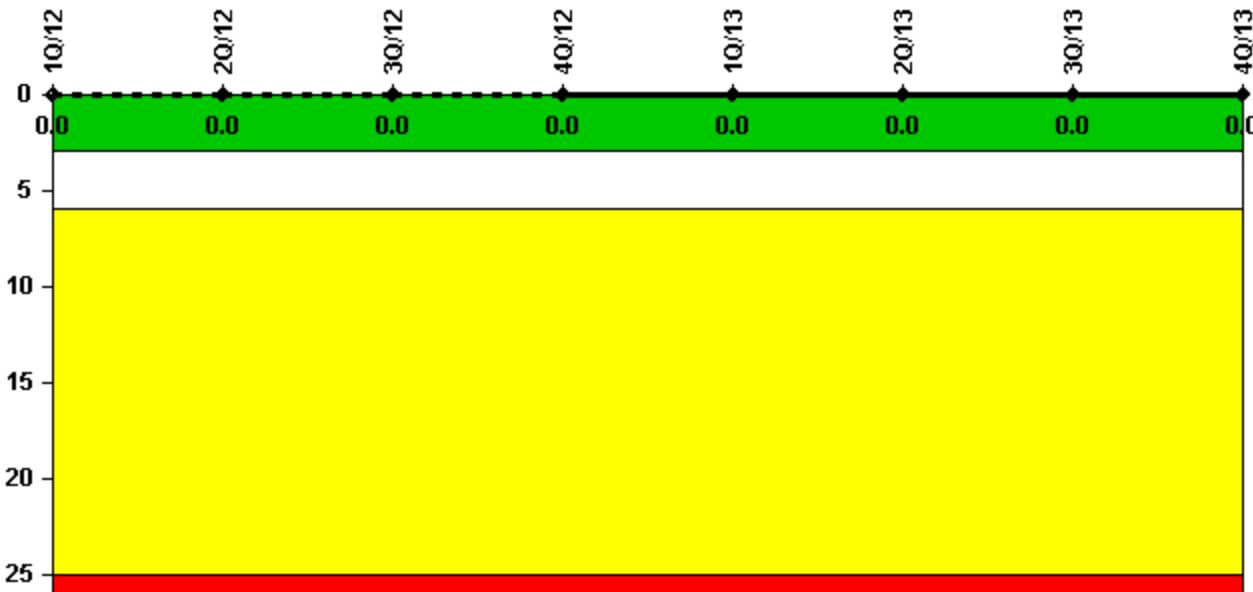
Dresden 2

4Q/2013 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



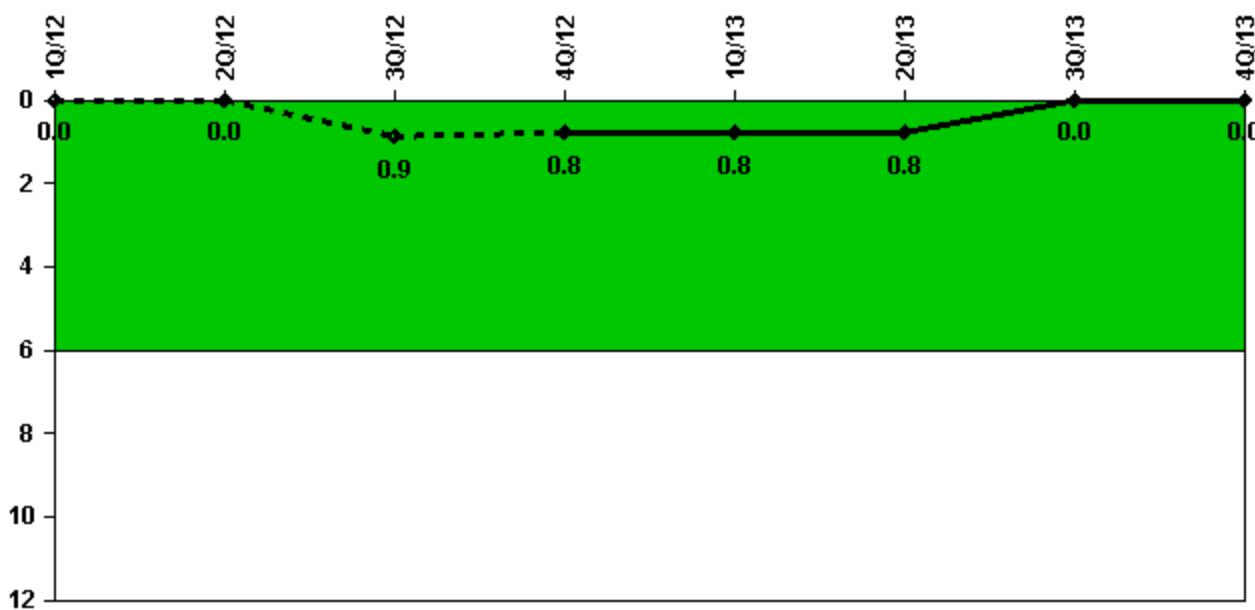
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2183.0	2184.0	2082.0	2209.0	2159.0	2184.0	2208.0	1781.2
Indicator value	0							

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



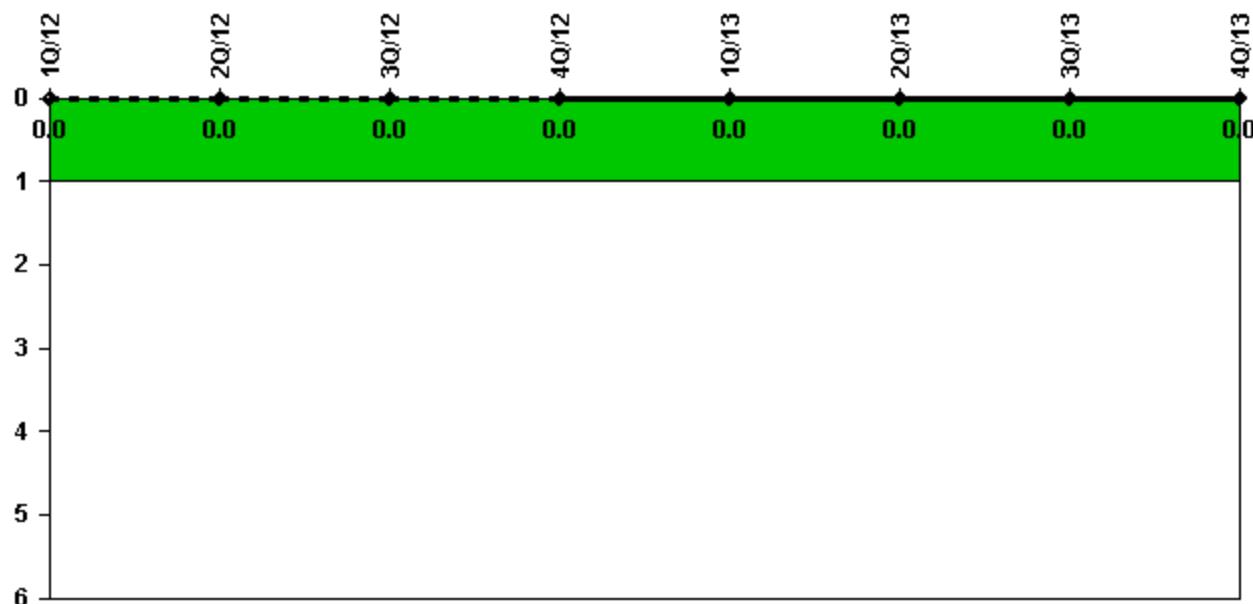
Thresholds: White > 6.0

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	1.0	0	0	0	0	0
Critical hours	2183.0	2184.0	2082.0	2209.0	2159.0	2184.0	2208.0	1781.2
Indicator value	0	0	0.9	0.8	0.8	0.8	0	0

Licensee Comments: none

Unplanned Scrams with Complications



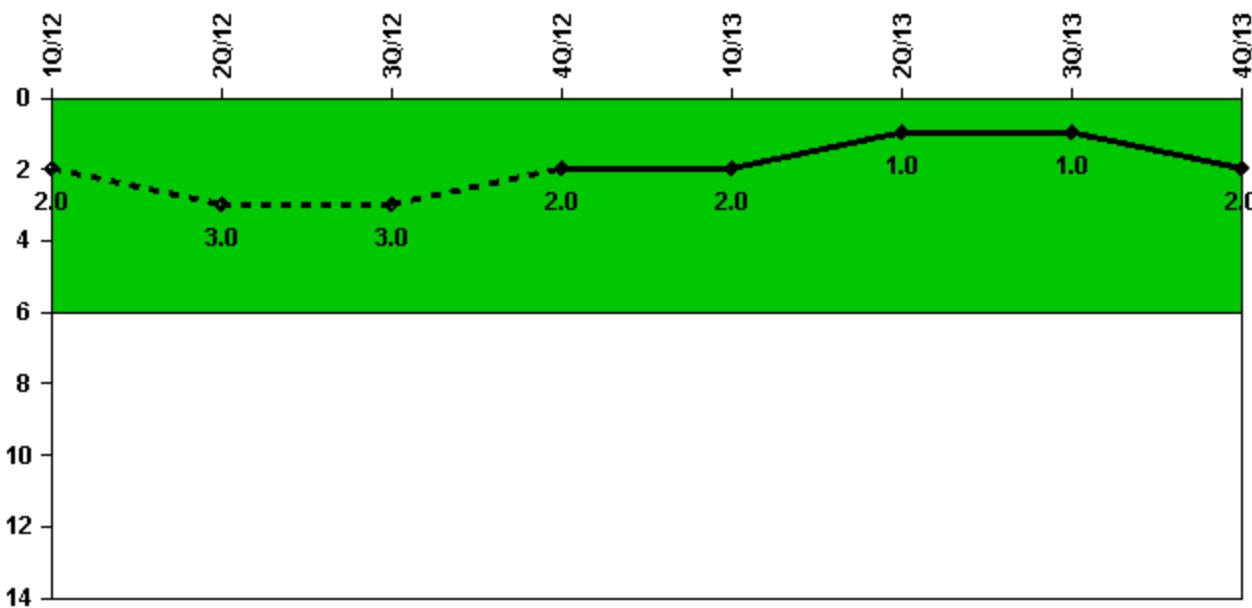
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0							

Licensee Comments: none

Safety System Functional Failures (BWR)



Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Safety System Functional Failures	0	1	1	0	0	0	1	1
Indicator value	2	3	3	2	2	1	1	2

Licensee Comments:

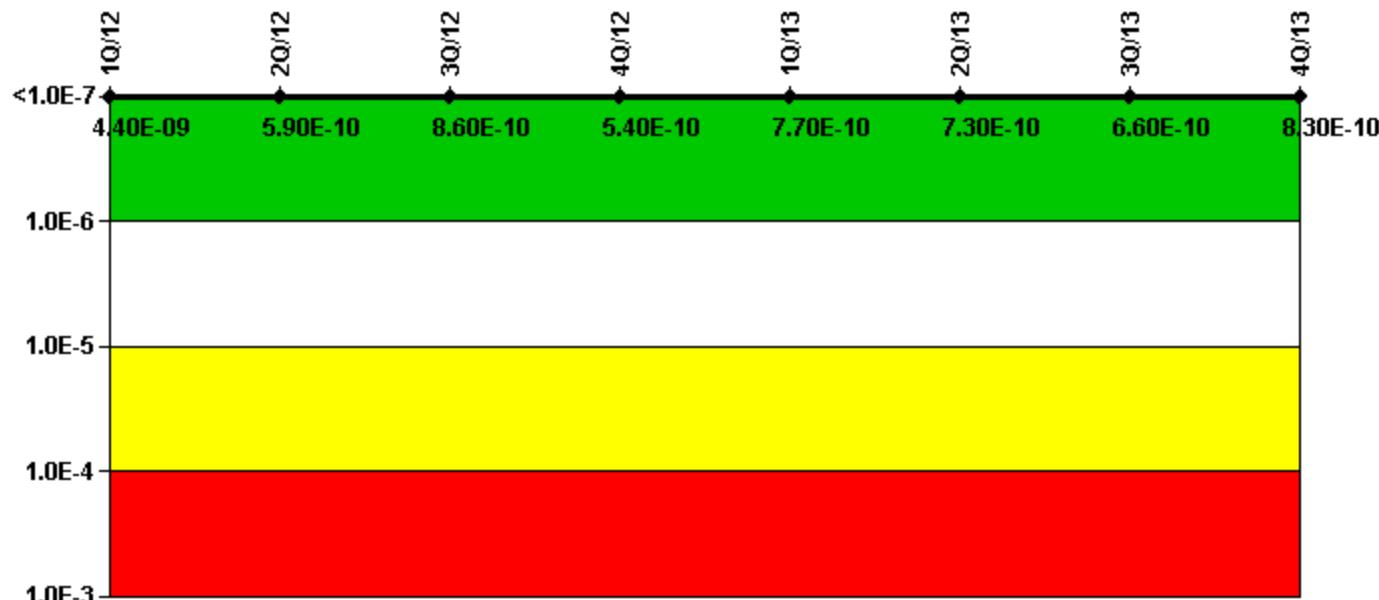
4Q/13: LER 237/2013-003-00, Secondary Containment Inoperable Due to Two Interlock Doors Being Open Simultaneously, submitted in November 2013 for Unit 2 and Unit 3 SSFF

3Q/13: Licensee Event Report 237/2013-001-00, Secondary Containment Inoperable Due to Two Interlock Doors Being Open Simultaneously, dated 8/23/13

3Q/12: SSFF value for July 2012 was changed from 0 to 1 on 10/19/13. Ref. LER 237/2012-002-00, Inlet Steam Drain Pot Drain Line Leaks Result in HPCI Inoperabilities

2Q/12: LER 237/2012-001-00, Entire Division of APRM Neutron Flux-High Channels Inoperable as a Result of Power Manuever, dated 4/19/12

Mitigating Systems Performance Index, Emergency AC Power System



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

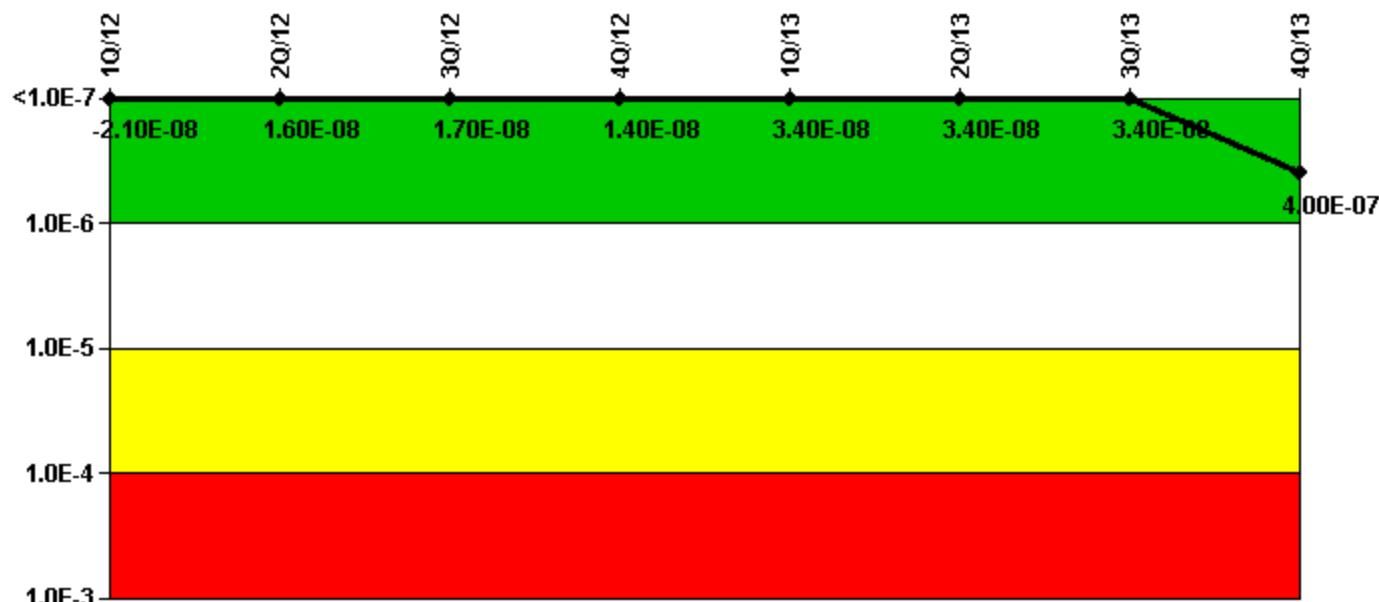
Notes

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)	2.12E-09	1.12E-09	1.40E-09	9.20E-10	1.17E-09	1.14E-09	1.06E-09	1.25E-09
URI (Δ CDF)		2.25E-09	-5.34E-10	-5.35E-10	-3.82E-10	-4.02E-10	-4.13E-10	-4.04E-10
PLE	NO							
Indicator value	4.40E-09	5.90E-10	8.60E-10	5.40E-10	7.70E-10	7.30E-10	6.60E-10	8.30E-10

Licensee Comments:

2Q/12: There is one MSPI failure as documented in IR 1374428 for the failure of the Unit 2 DGCWP to start during a surveillance demand.

Mitigating Systems Performance Index, High Pressure Injection System



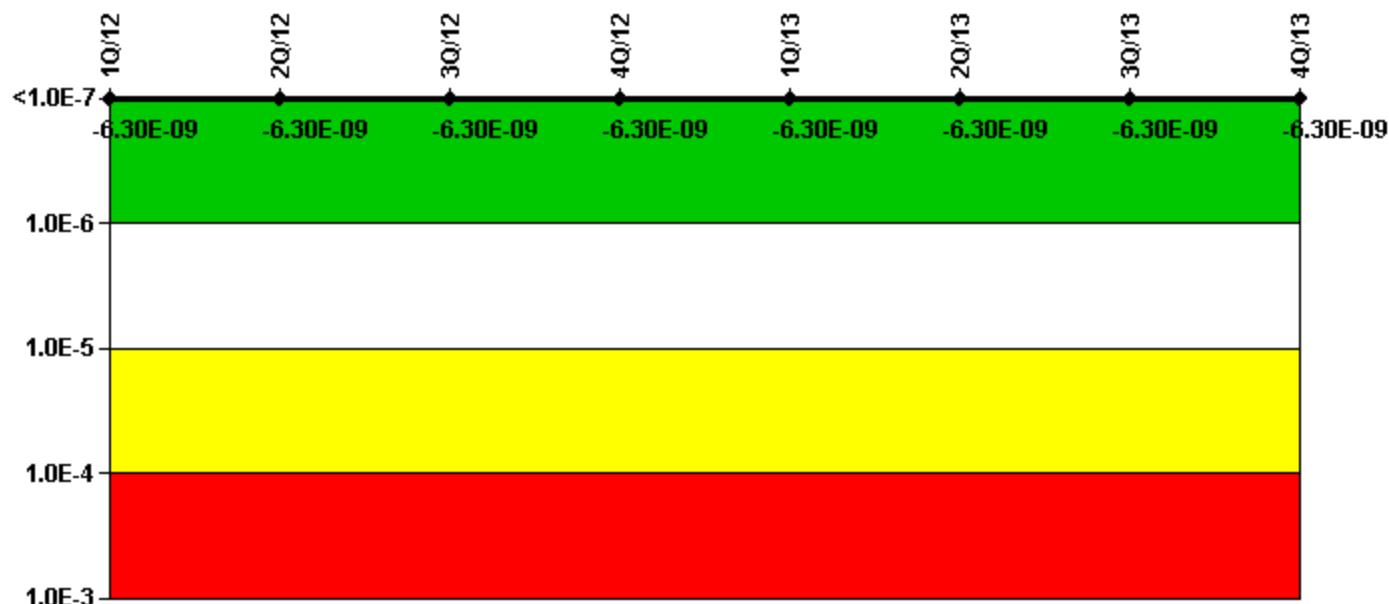
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	4.49E-08	8.10E-08	8.26E-08	7.95E-08	9.92E-08	9.92E-08	9.92E-08	1.93E-07
URI (Δ CDF)	-6.55E-08	-6.55E-08	-6.55E-08	-6.55E-08	-6.55E-08	-6.55E-08	-6.55E-08	2.04E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.10E-08	1.60E-08	1.70E-08	1.40E-08	3.40E-08	3.40E-08	3.40E-08	4.00E-07

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



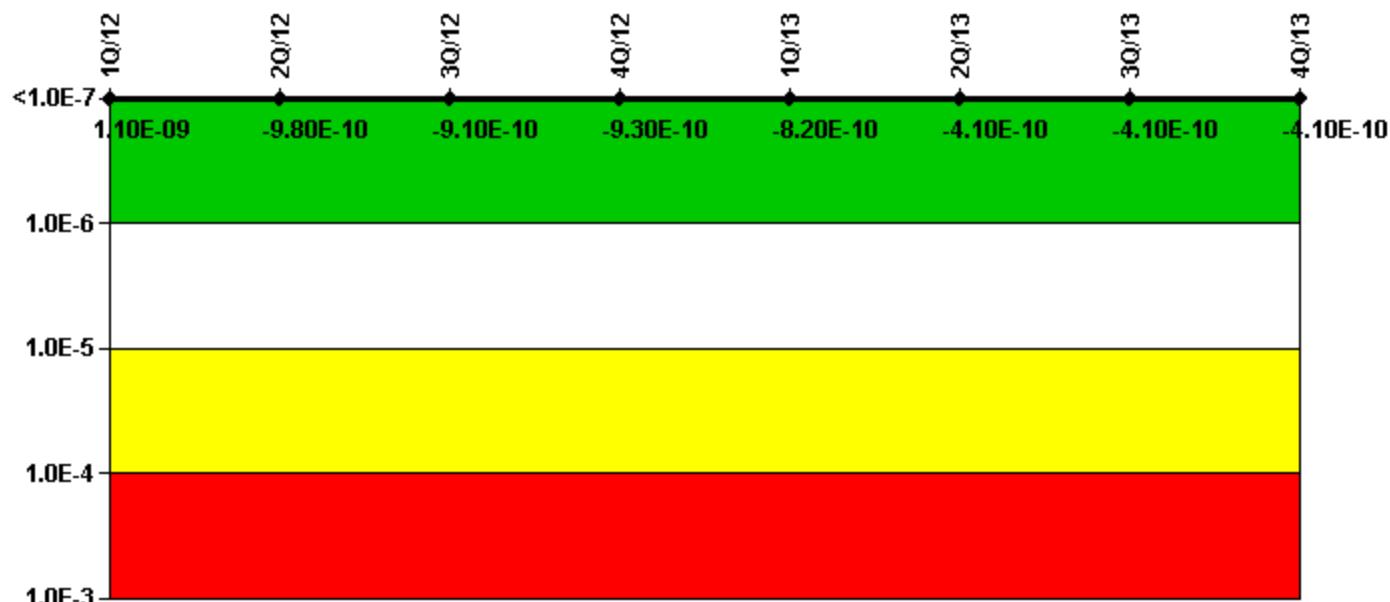
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
UAI (Δ CDF)	-6.24E-09							
URI (Δ CDF)	-9.92E-11							
PLE	NO							
Indicator value	-6.30E-09							

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



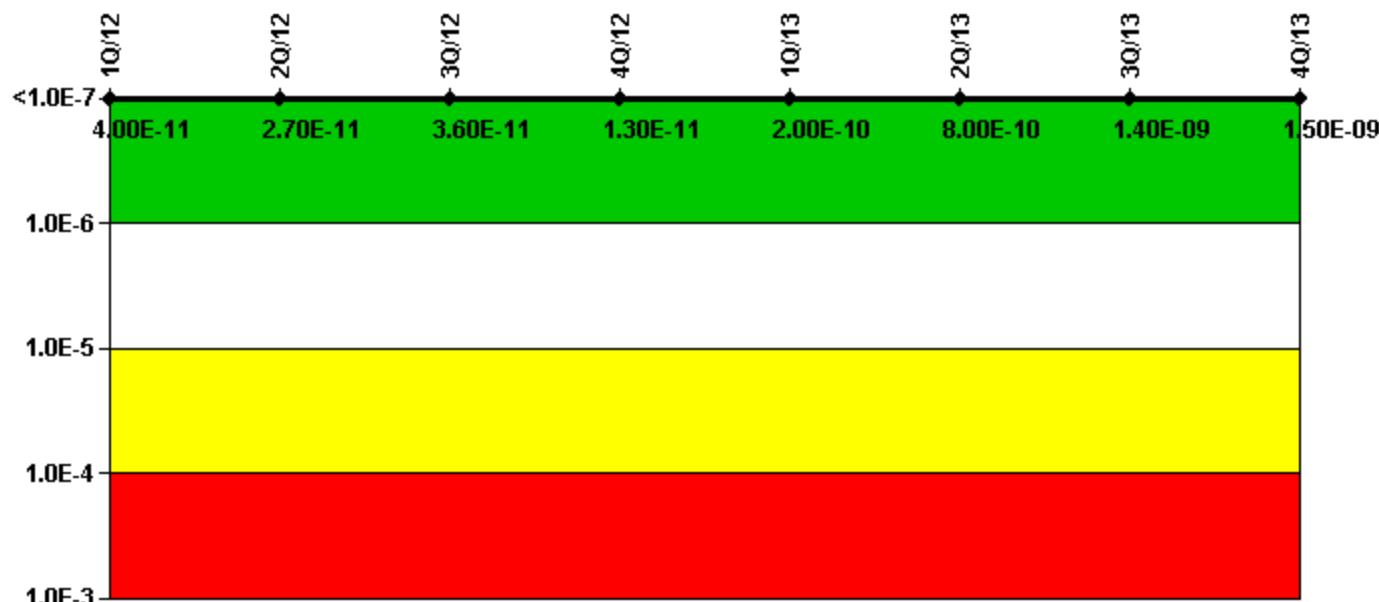
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
UAI (Δ CDF)	-3.16E-10	-3.74E-10	-3.65E-10	-4.19E-10	-3.06E-10	1.16E-10	1.16E-10	1.58E-10
URI (Δ CDF)	1.44E-09	-6.01E-10	-5.41E-10	-5.08E-10	-5.17E-10	-5.23E-10	-5.28E-10	-5.65E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.10E-09	-9.80E-10	-9.10E-10	-9.30E-10	-8.20E-10	-4.10E-10	-4.10E-10	-4.10E-10

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



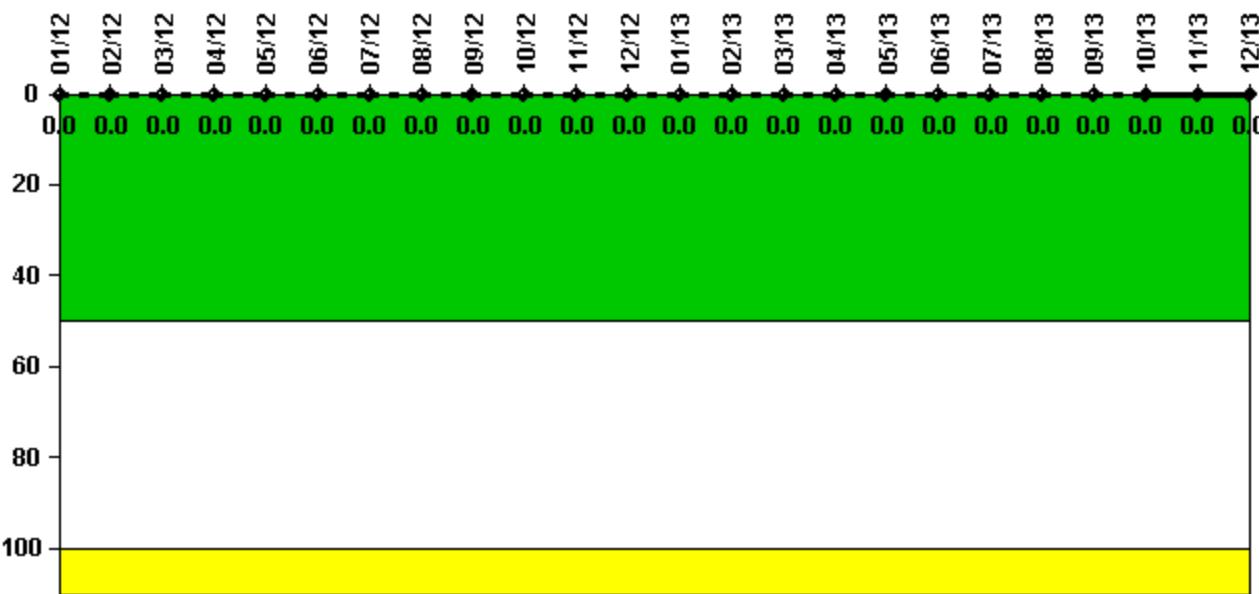
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
UAI (Δ CDF)	5.38E-11	4.00E-11	4.76E-11	2.38E-11	2.16E-10	8.07E-10	1.45E-09	1.50E-09
URI (Δ CDF)	-1.37E-11	-1.31E-11	-1.18E-11	-1.11E-11	-1.09E-11	-1.09E-11	-1.09E-11	-1.15E-11
PLE	NO							
Indicator value	4.00E-11	2.70E-11	3.60E-11	1.30E-11	2.00E-10	8.00E-10	1.40E-09	1.50E-09

Licensee Comments: none

Reactor Coolant System Activity



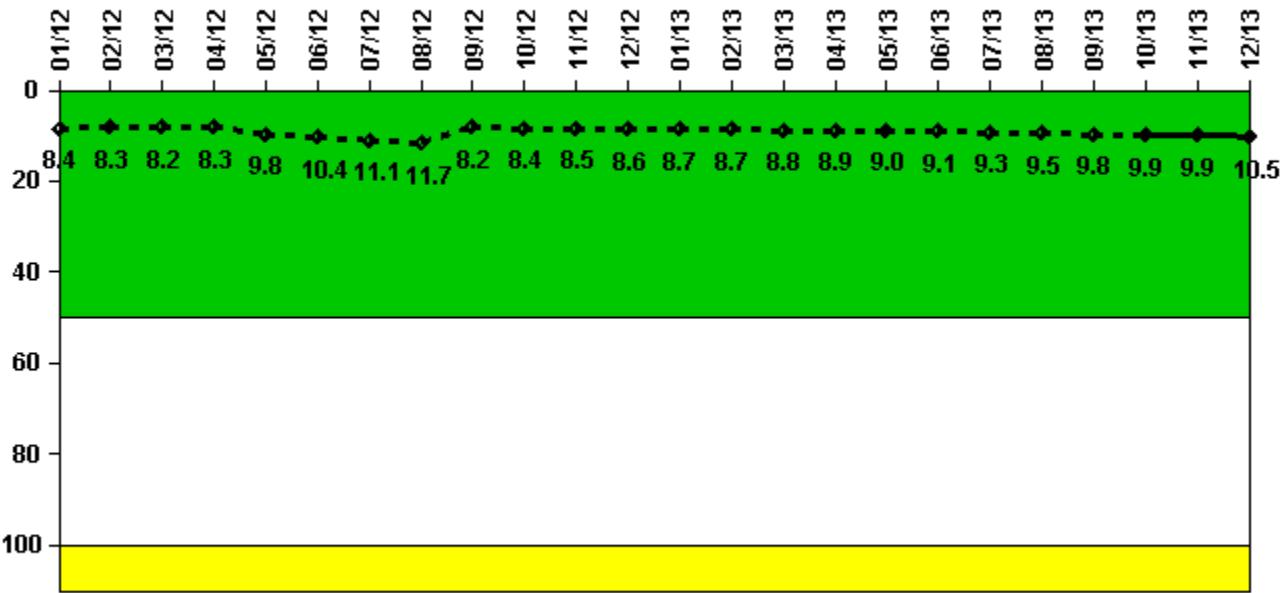
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	12/12
Maximum activity	0.000003	0.000003	0.000003	0.000003	0.000005	0.000005	0.000006	0.000005	0.000003	0.000004	0.000003	0.000006
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	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	0.000003	0.000005	0.000005	0.000011	0.000006	0.000018	0.000003	0.000003	0.000009	0.000015	0.000009	0.000005
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



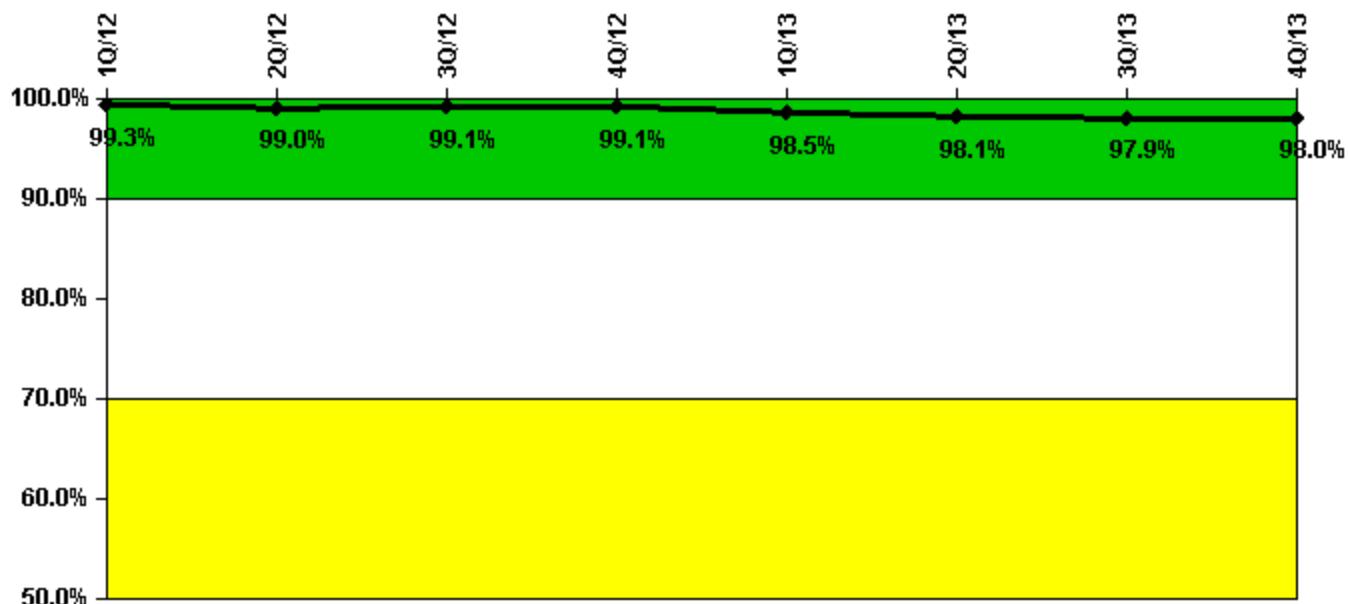
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	12/12
Maximum leakage	2.093	2.070	2.055	2.087	2.462	2.610	2.787	2.923	2.045	2.102	2.115	2.143
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	8.4	8.3	8.2	8.3	9.8	10.4	11.1	11.7	8.2	8.4	8.5	8.6
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	2.170	2.173	2.203	2.237	2.260	2.278	2.327	2.365	2.438	2.470	2.485	2.618
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	8.7	8.7	8.8	8.9	9.0	9.1	9.3	9.5	9.8	9.9	9.9	10.5

Licensee Comments: none

Drill/Exercise Performance



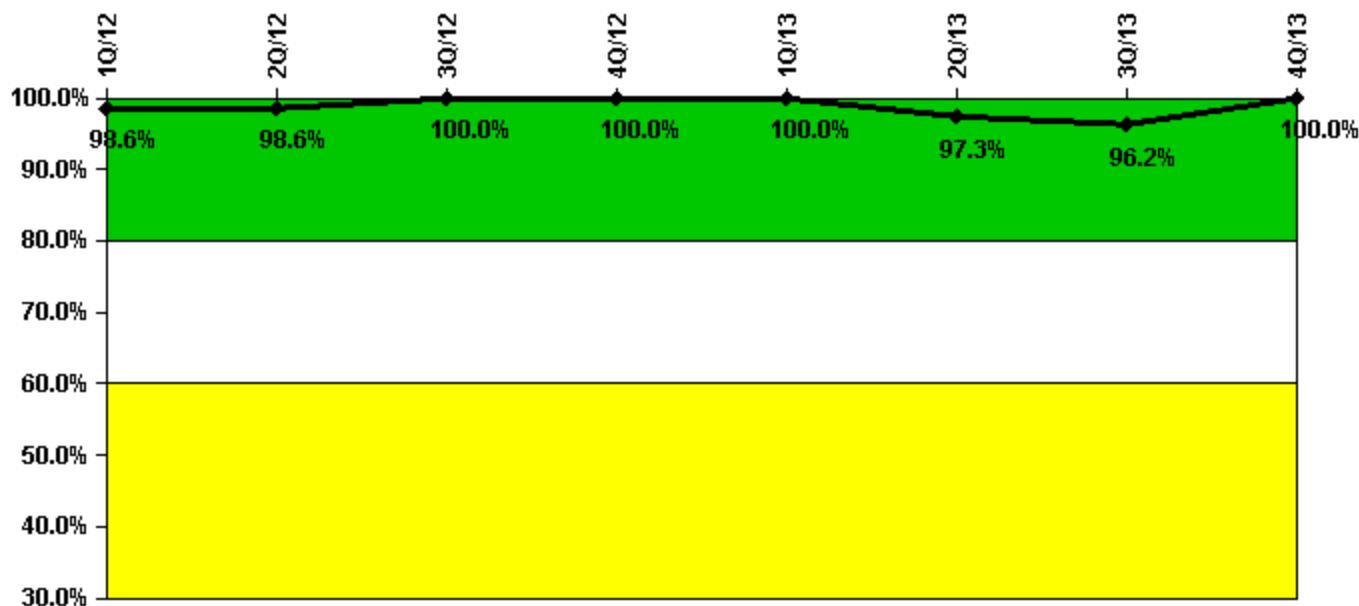
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Successful opportunities	48.0	49.0	20.0	19.0	58.0	32.0	36.0	34.0
Total opportunities	48.0	51.0	20.0	19.0	61.0	33.0	36.0	34.0
Indicator value	99.3%	99.0%	99.1%	99.1%	98.5%	98.1%	97.9%	98.0%

Licensee Comments: none

ERO Drill Participation



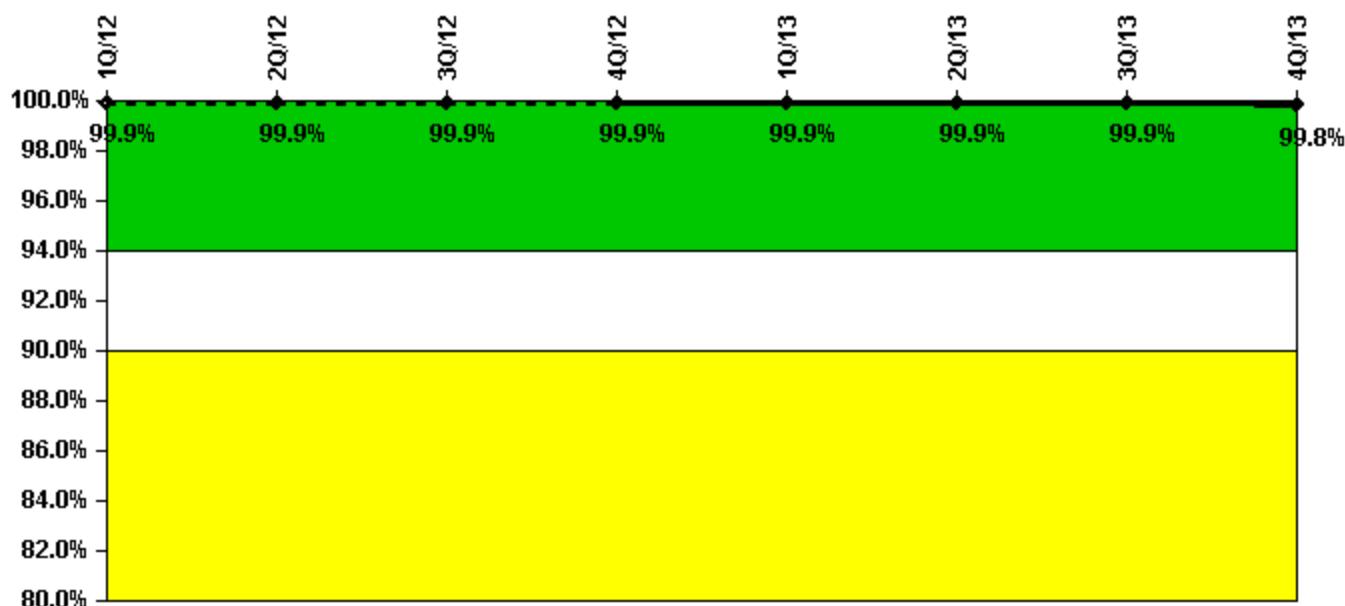
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Participating Key personnel	72.0	70.0	71.0	72.0	72.0	71.0	76.0	80.0
Total Key personnel	73.0	71.0	71.0	72.0	72.0	73.0	79.0	80.0
Indicator value	98.6%	98.6%	100.0%	100.0%	100.0%	97.3%	96.2%	100.0%

Licensee Comments: none

Alert & Notification System



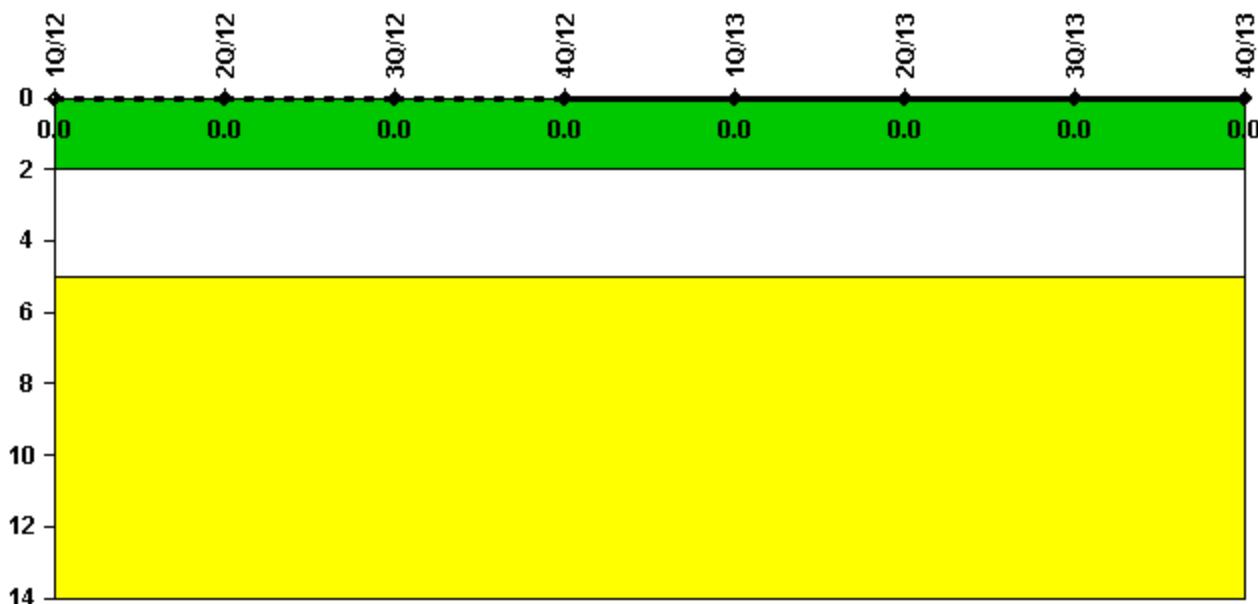
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Successful siren-tests	2989	2940	2893	2944	2942	2938	2939	2933
Total sirens-tests	2990	2944	2898	2944	2944	2944	2944	2944
Indicator value	99.9%	99.8%						

Licensee Comments: none

Occupational Exposure Control Effectiveness



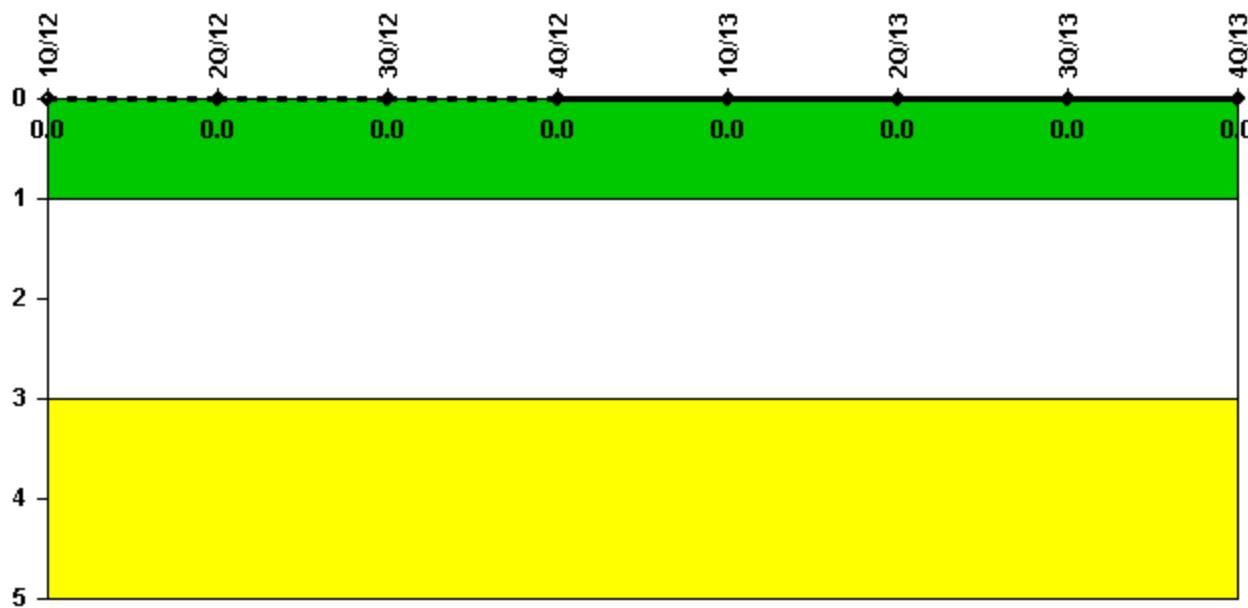
Thresholds: White > 2.0 Yellow > 5.0

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

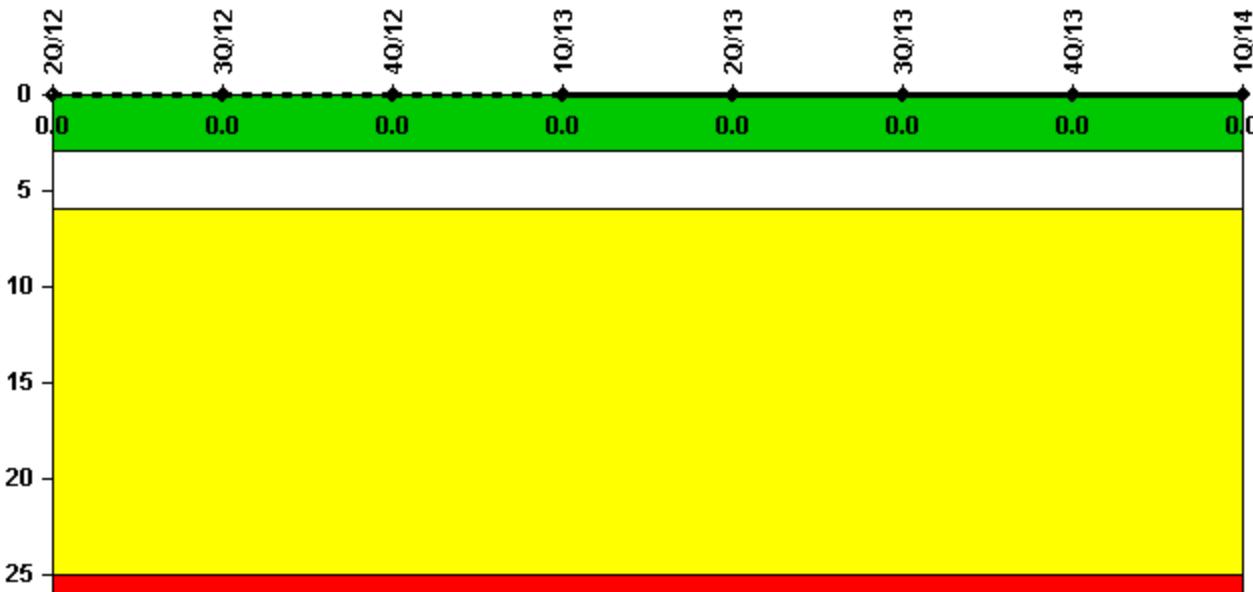
Dresden 2

1Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



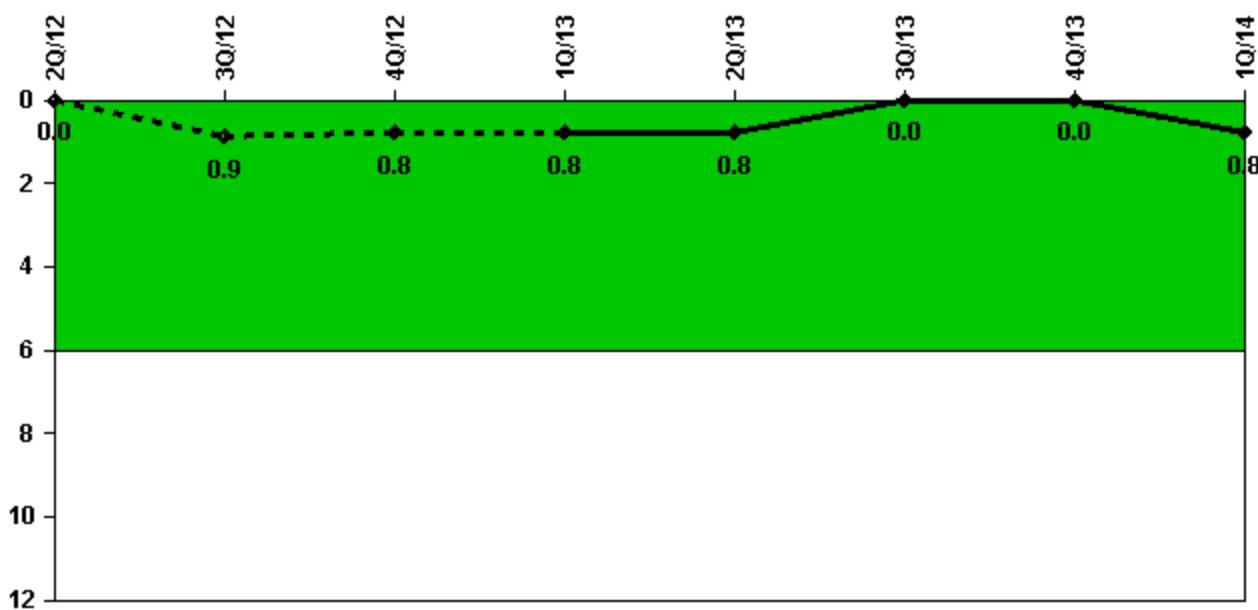
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2184.0	2082.0	2209.0	2159.0	2184.0	2208.0	1781.2	2159.0
Indicator value	0							

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



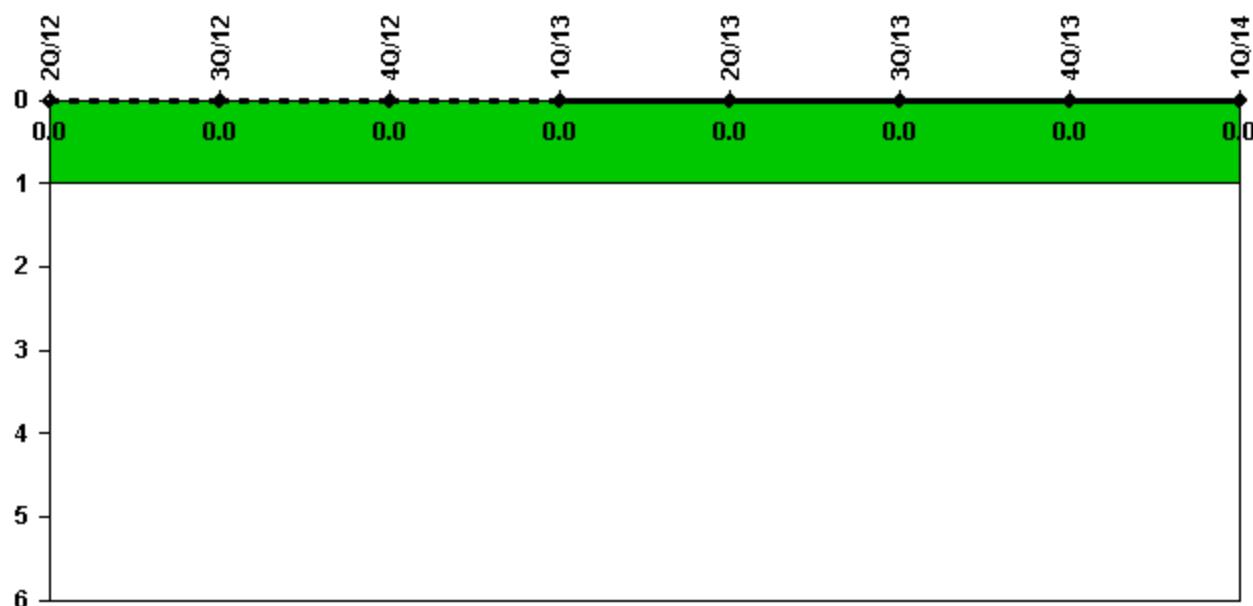
Thresholds: White > 6.0

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	1.0	0	0	0	0	0	1.0
Critical hours	2184.0	2082.0	2209.0	2159.0	2184.0	2208.0	1781.2	2159.0
Indicator value	0	0.9	0.8	0.8	0.8	0	0	0.8

Licensee Comments: none

Unplanned Scrams with Complications



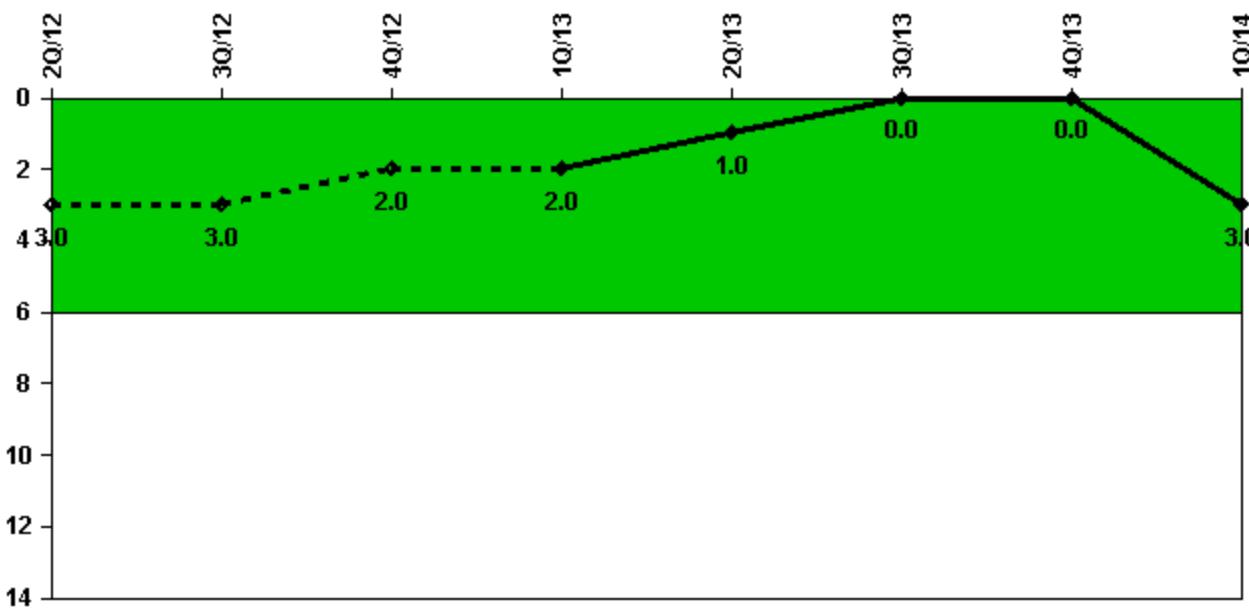
Thresholds: White > 1.0

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	0.0							

Licensee Comments: none

Safety System Functional Failures (BWR)



Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Safety System Functional Failures	1	1	0	0	0	0	0	3
Indicator value	3	3	2	2	1	0	0	3

Licensee Comments:

1Q/14: (1) Licensee Event Report 237/2013-005-00, Primary Containment Inboard and Outboard Feed Water Isolation Valves Exceed LLRT Limits (2) Licensee Event Report 237/2013-006-00, LPCI Swing Bus Auto Transfer Did Not Transfer as Expected (3) Licensee Event Report 237/2013-009-00, HPCI Failed to Achieve Rated Flow Due to Failure of Stop Valve to Open

4Q/13: LER 237/2013-003-00, Secondary Containment Inoperable Due to Two Interlock Doors Being Open Simultaneously, submitted in November 2013 for Unit 2 and Unit 3 SSFF

4Q/13: SSFF value revised from 1 to 0. (Ref. LER 237-2013-003-00 as revised by supplemental LER 237-2013-003-01, dated 03-26-14)

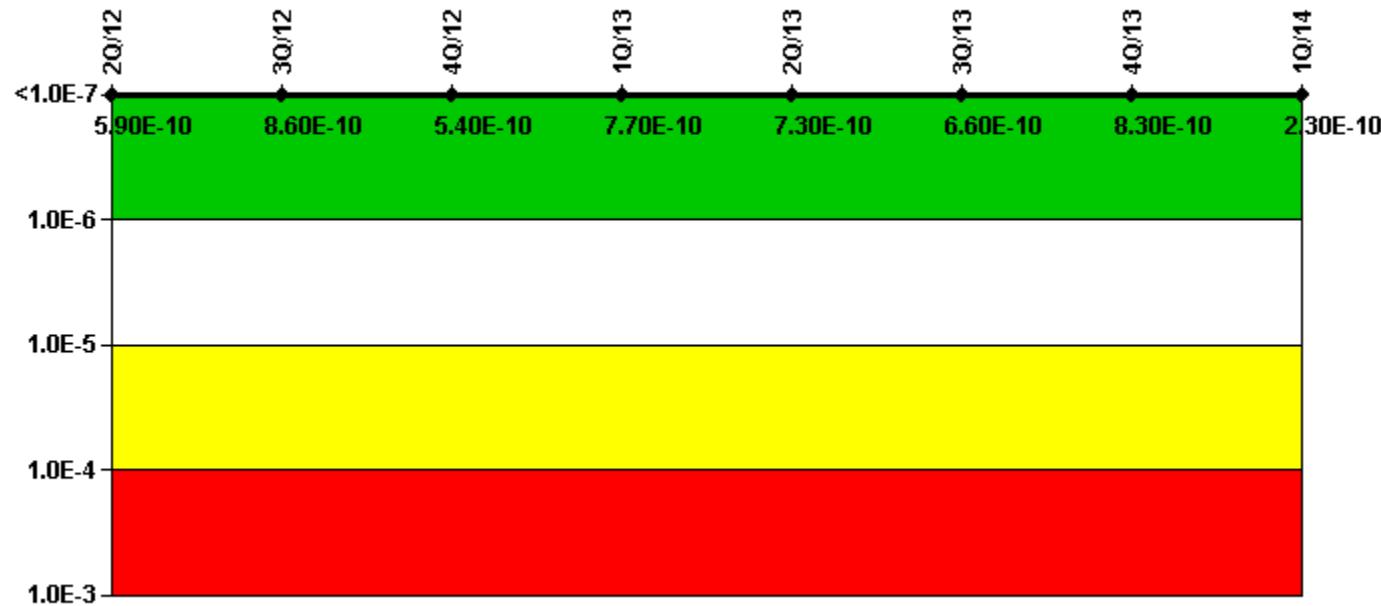
3Q/13: SSFF value revised from 1 to 0. (Ref. LER 237-2013-001-00 as revised by supplemental LER 237-2013-001-02, dated 03-26-14)

3Q/13: Licensee Event Report 237/2013-001-00, Secondary Containment Inoperable Due to Two Interlock Doors Being Open Simultaneously, dated 8/23/13

3Q/12: SSFF value for July 2012 was changed from 0 to 1 on 10/19/13. Ref. LER 237/2012-002-00, Inlet Steam Drain Pot Drain Line Leaks Result in HPCI Inoperabilities

2Q/12: LER 237/2012-001-00, Entire Division of APRM Neutron Flux-High Channels Inoperable as a Result of Power Manuever, dated 4/19/12

Mitigating Systems Performance Index, Emergency AC Power System



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

Notes

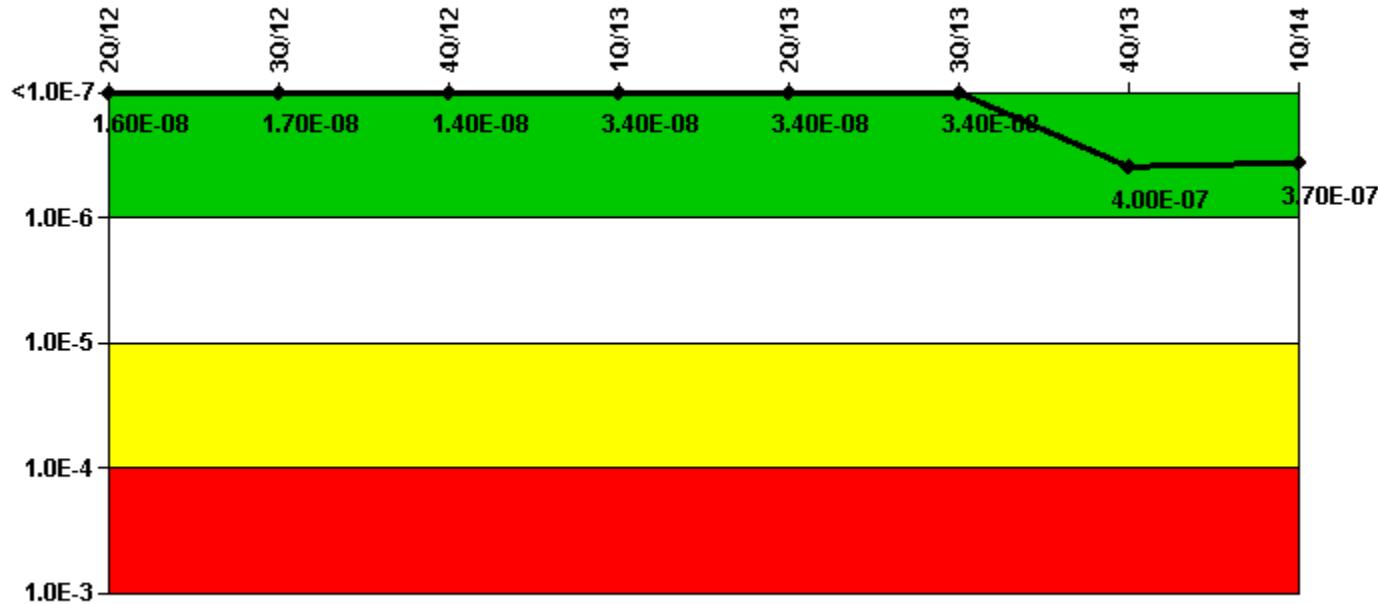
Mitigating Systems Performance Index, Emergency AC Power System	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
UAI (Δ CDF)	1.12E-09	1.40E-09	9.20E-10	1.17E-09	1.14E-09	1.06E-09	1.25E-09	3.66E-10
URI (Δ CDF)	-5.34E-10	-5.35E-10	-3.82E-10	-4.02E-10	-4.13E-10	-4.04E-10	-4.17E-10	-1.37E-10
PLE	NO							
Indicator value	5.90E-10	8.60E-10	5.40E-10	7.70E-10	7.30E-10	6.60E-10	8.30E-10	2.30E-10

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

2Q/12: There is one MSPI failure as documented in IR 1374428 for the failure of the Unit 2 DGCWP to start during a surveillance demand.

Mitigating Systems Performance Index, High Pressure Injection System



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

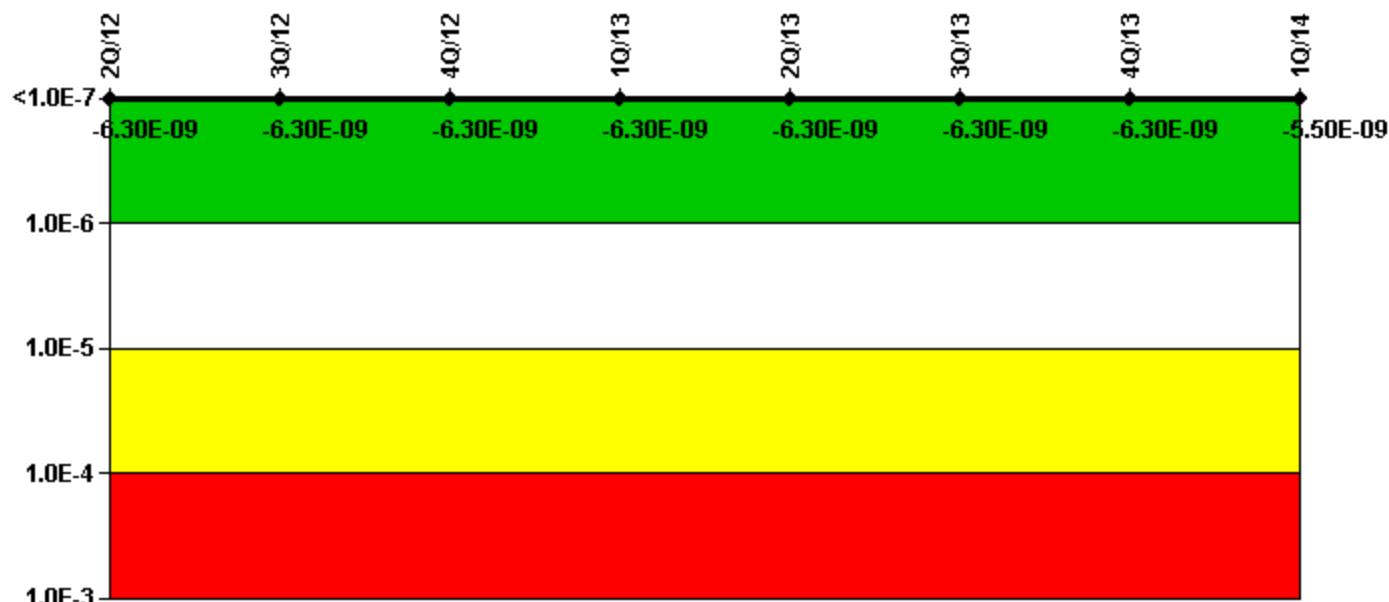
Notes

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)	8.10E-08	8.26E-08	7.95E-08	9.92E-08	9.92E-08	9.92E-08	1.93E-07	1.66E-07
URI (Δ CDF)	-6.55E-08	-6.55E-08	-6.55E-08	-6.55E-08	-6.55E-08	-6.55E-08	2.04E-07	2.04E-07
PLE	NO							
Indicator value	1.60E-08	1.70E-08	1.40E-08	3.40E-08	3.40E-08	3.40E-08	4.00E-07	3.70E-07

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



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

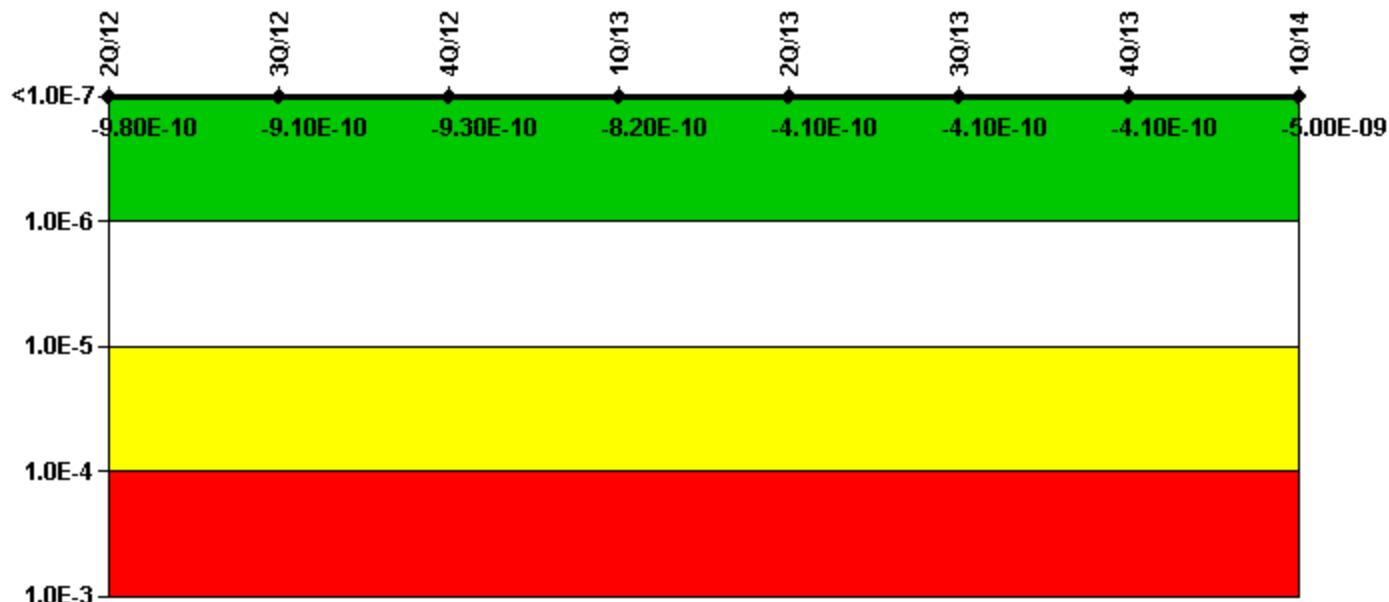
Notes

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)	-6.24E-09	-5.43E-09						
URI (Δ CDF)	-9.92E-11	-1.01E-10						
PLE	NO							
Indicator value	-6.30E-09	-5.50E-09						

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System



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

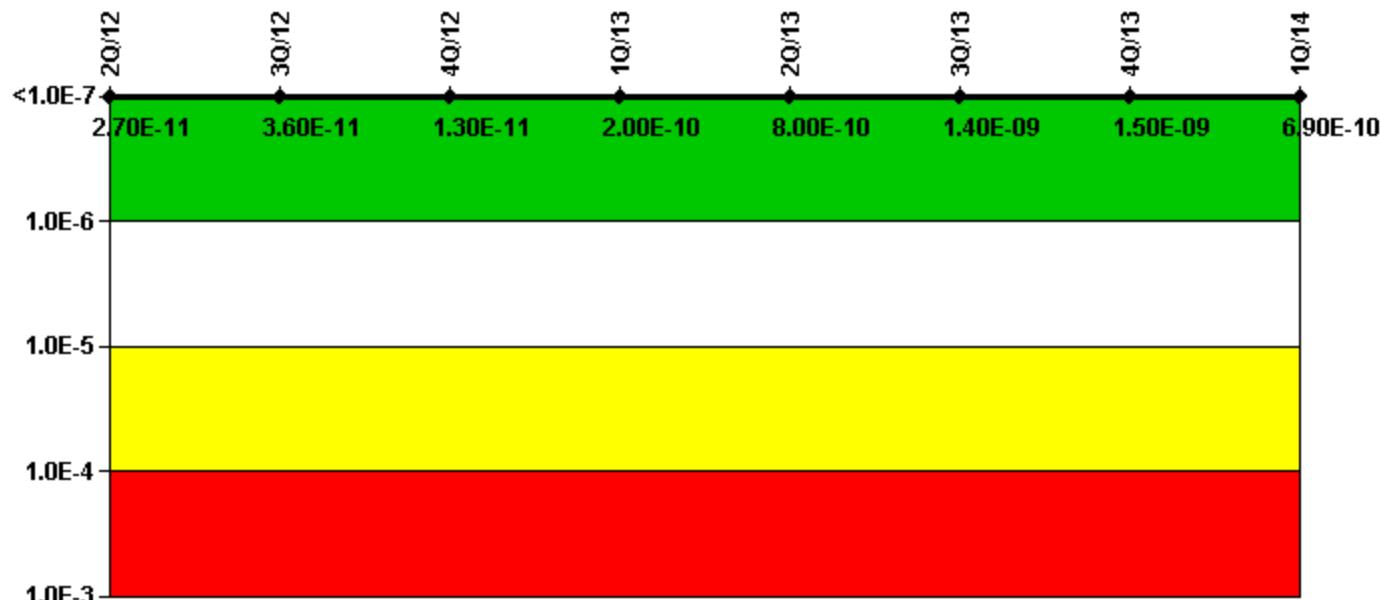
Notes

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)	-3.74E-10	-3.65E-10	-4.19E-10	-3.06E-10	1.16E-10	1.16E-10	1.58E-10	-1.40E-09
URI (Δ CDF)	-6.01E-10	-5.41E-10	-5.08E-10	-5.17E-10	-5.23E-10	-5.28E-10	-5.65E-10	-3.58E-09
PLE	NO							
Indicator value	-9.80E-10	-9.10E-10	-9.30E-10	-8.20E-10	-4.10E-10	-4.10E-10	-4.10E-10	-5.00E-09

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



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

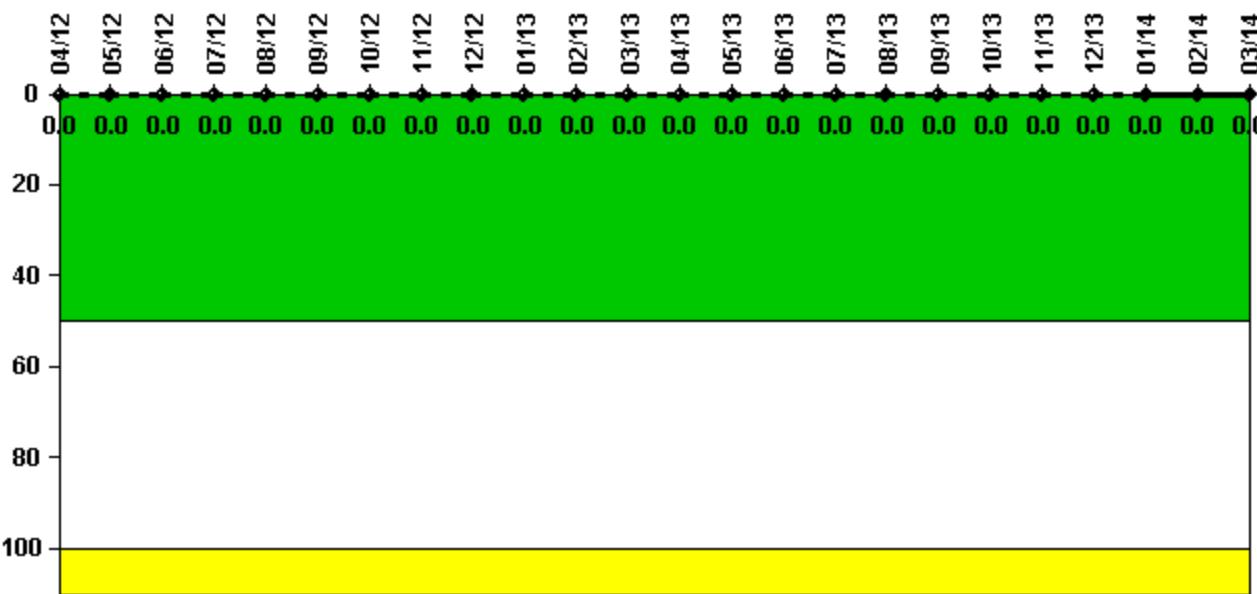
Notes

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)	4.00E-11	4.76E-11	2.38E-11	2.16E-10	8.07E-10	1.45E-09	1.50E-09	7.19E-10
URI (Δ CDF)	-1.31E-11	-1.18E-11	-1.11E-11	-1.09E-11	-1.09E-11	-1.09E-11	-1.15E-11	-2.84E-11
PLE	NO							
Indicator value	2.70E-11	3.60E-11	1.30E-11	2.00E-10	8.00E-10	1.40E-09	1.50E-09	6.90E-10

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Reactor Coolant System Activity



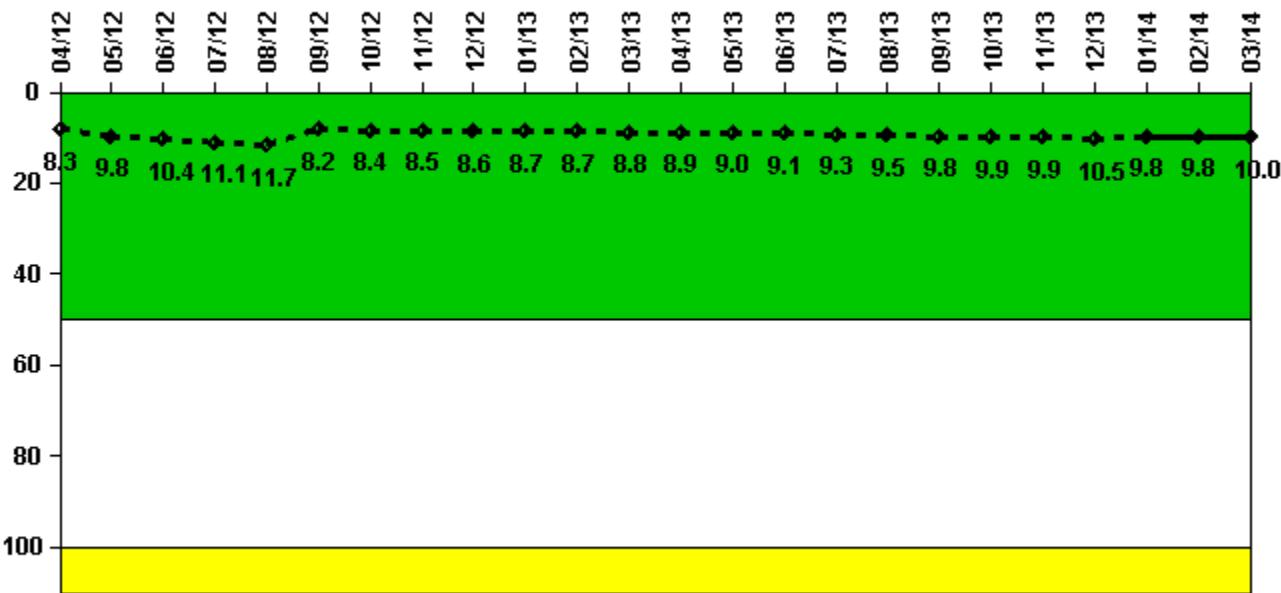
Thresholds: White > 50.0 Yellow > 100.0

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	0.000003	0.000005	0.000005	0.000006	0.000005	0.000003	0.000004	0.000003	0.000006	0.000003	0.000005	0.000005
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	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	0.000011	0.000006	0.000018	0.000003	0.000003	0.000009	0.000015	0.000009	0.000005	0.000014	0.000005	0.000018
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage

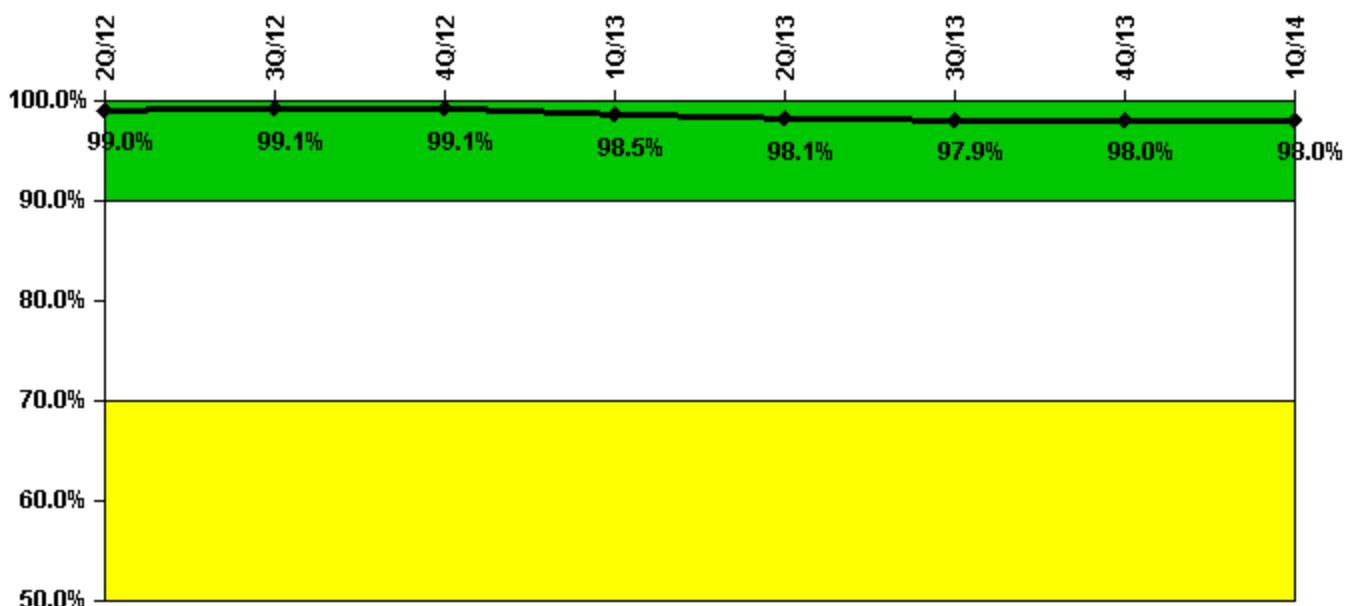


Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	12/12	1/13	2/13	3/13
Maximum leakage	2.087	2.462	2.610	2.787	2.923	2.045	2.102	2.115	2.143	2.170	2.173	2.203
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	8.3	9.8	10.4	11.1	11.7	8.2	8.4	8.5	8.6	8.7	8.7	8.8
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	2.237	2.260	2.278	2.327	2.365	2.438	2.470	2.485	2.618	2.448	2.438	2.508
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	8.9	9.0	9.1	9.3	9.5	9.8	9.9	9.9	10.5	9.8	9.8	10.0

Licensee Comments: none

Drill/Exercise Performance

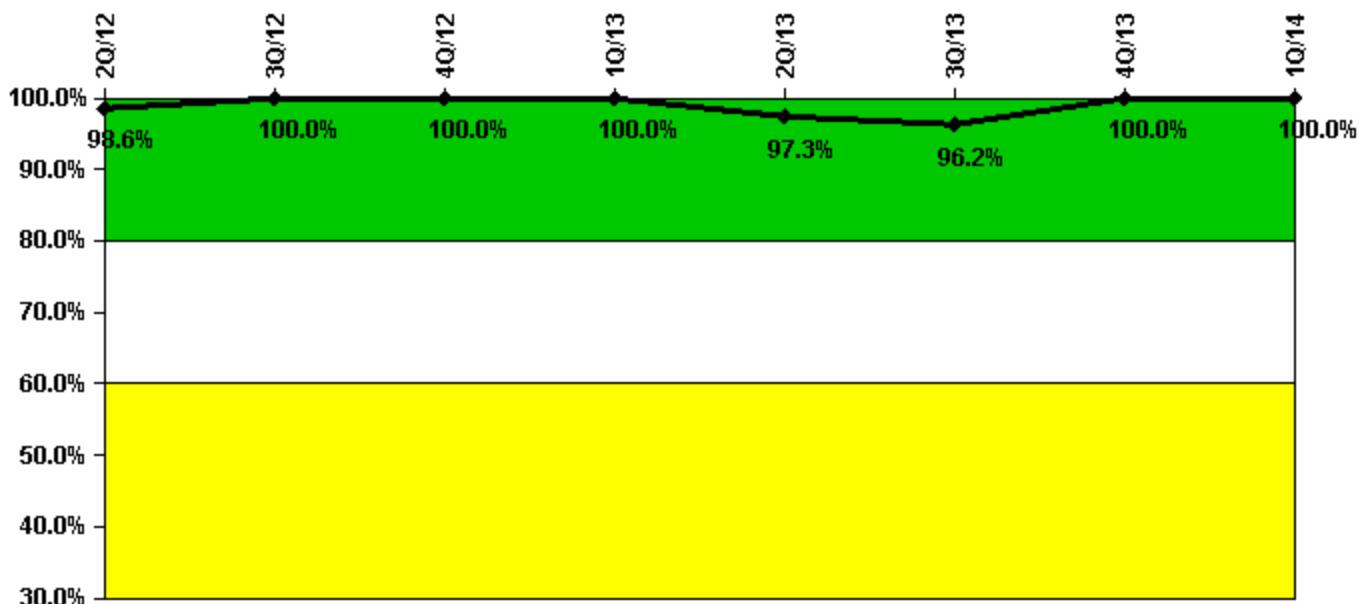
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Successful opportunities	49.0	20.0	19.0	58.0	32.0	36.0	34.0	41.0
Total opportunities	51.0	20.0	19.0	61.0	33.0	36.0	34.0	41.0
Indicator value	99.0%	99.1%	99.1%	98.5%	98.1%	97.9%	98.0%	98.0%

Licensee Comments: none

ERO Drill Participation



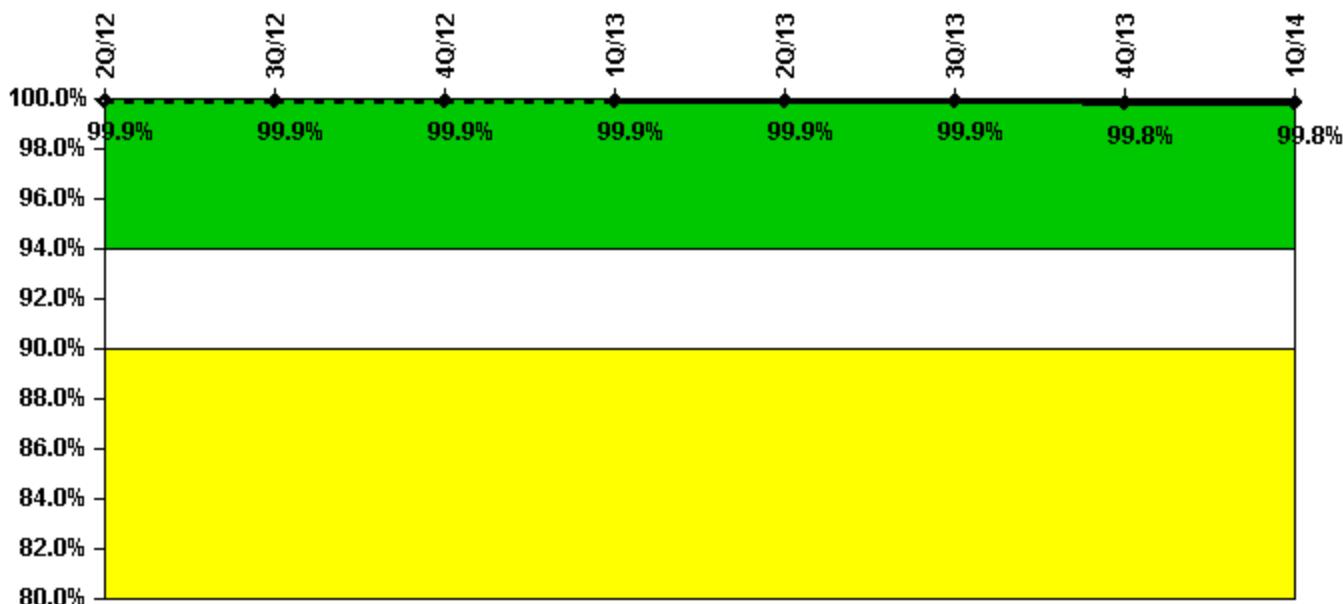
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Participating Key personnel	70.0	71.0	72.0	72.0	71.0	76.0	80.0	76.0
Total Key personnel	71.0	71.0	72.0	72.0	73.0	79.0	80.0	76.0
Indicator value	98.6%	100.0%	100.0%	100.0%	97.3%	96.2%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



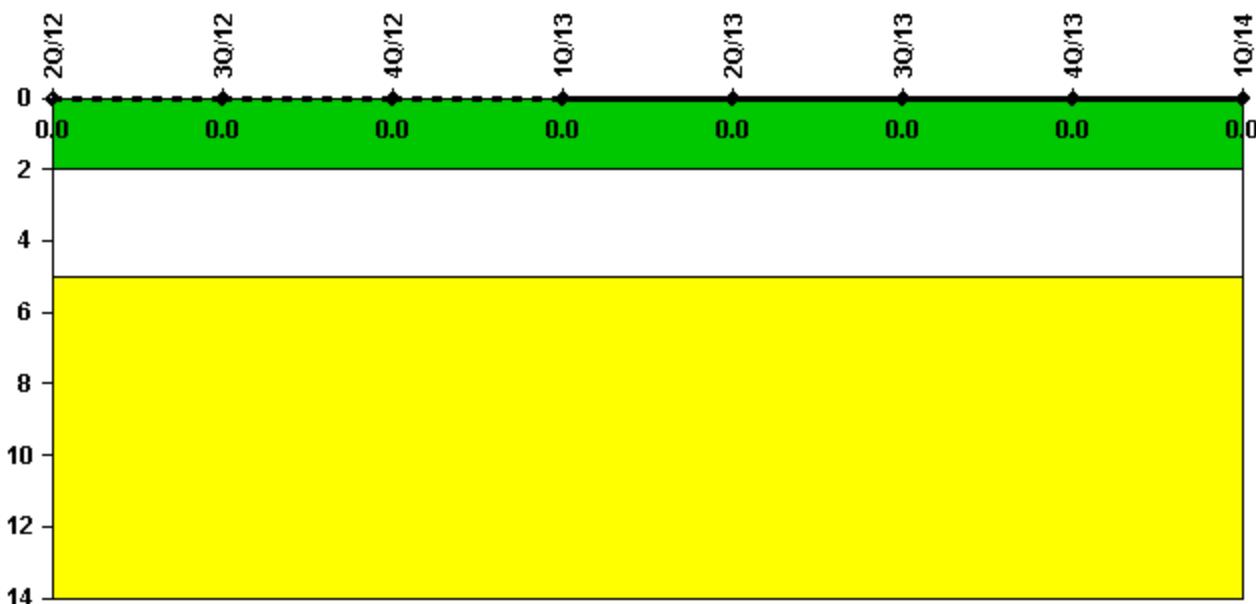
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Successful siren-tests	2940	2893	2944	2942	2938	2939	2933	2935
Total sirens-tests	2944	2898	2944	2944	2944	2944	2944	2940
Indicator value	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.8%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



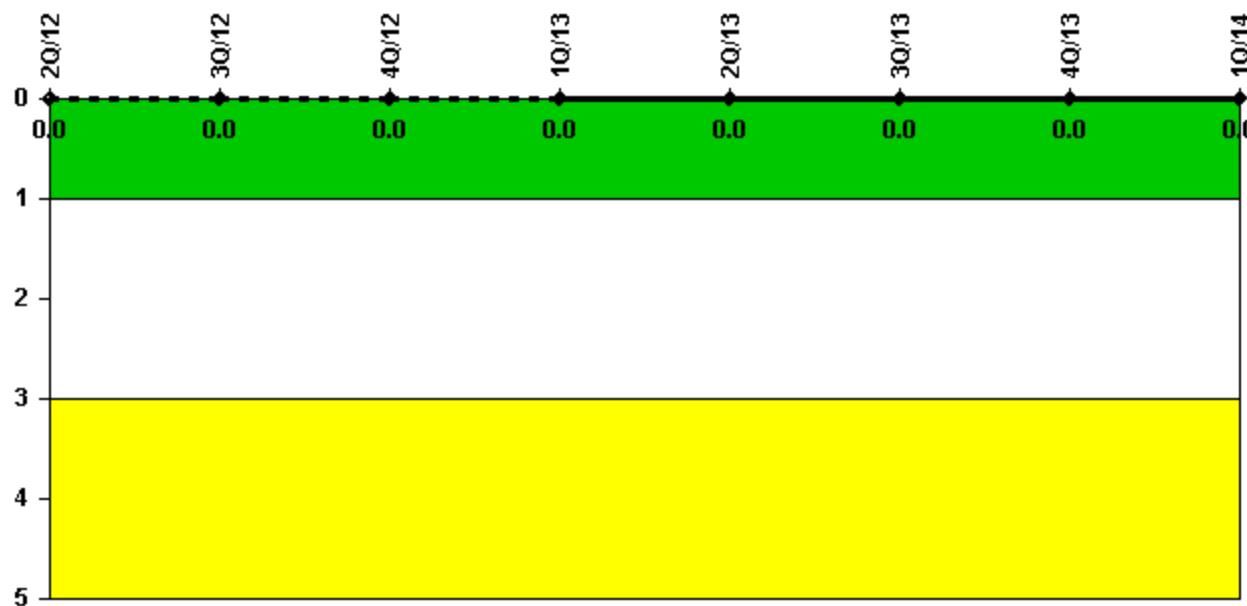
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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.



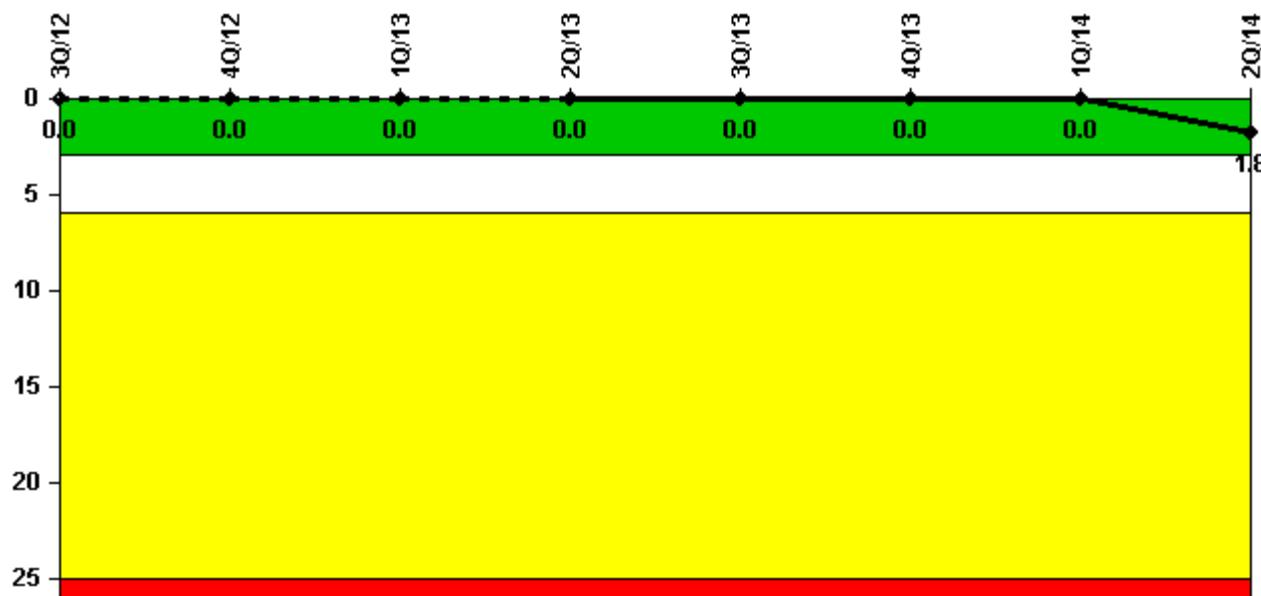
[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: April 23, 2014

Dresden 2**2Q/2014 Performance Indicators**

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs

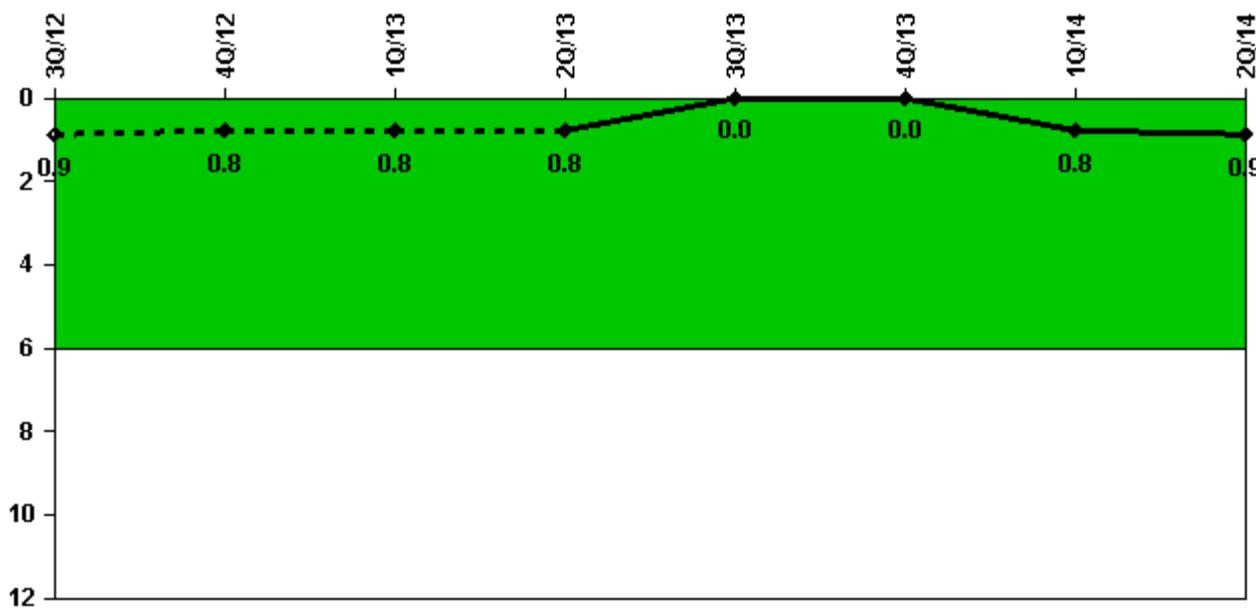
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Unplanned scrams	0	0	0	0	0	0	0	2.0
Critical hours	2082.0	2209.0	2159.0	2184.0	2208.0	1781.2	2159.0	1822.7
Indicator value	0	1.8						

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



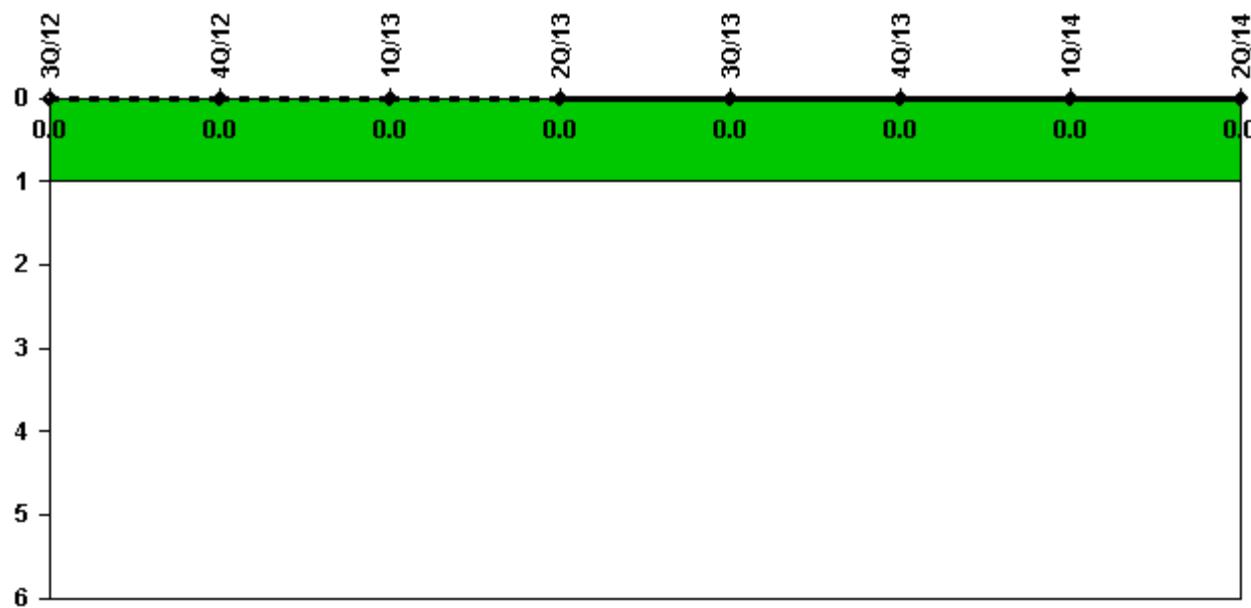
Thresholds: White > 6.0

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	1.0	0	0	0	0	0	1.0	0
Critical hours	2082.0	2209.0	2159.0	2184.0	2208.0	1781.2	2159.0	1822.7
Indicator value	0.9	0.8	0.8	0.8	0	0	0.8	0.9

Licensee Comments: none

Unplanned Scrams with Complications



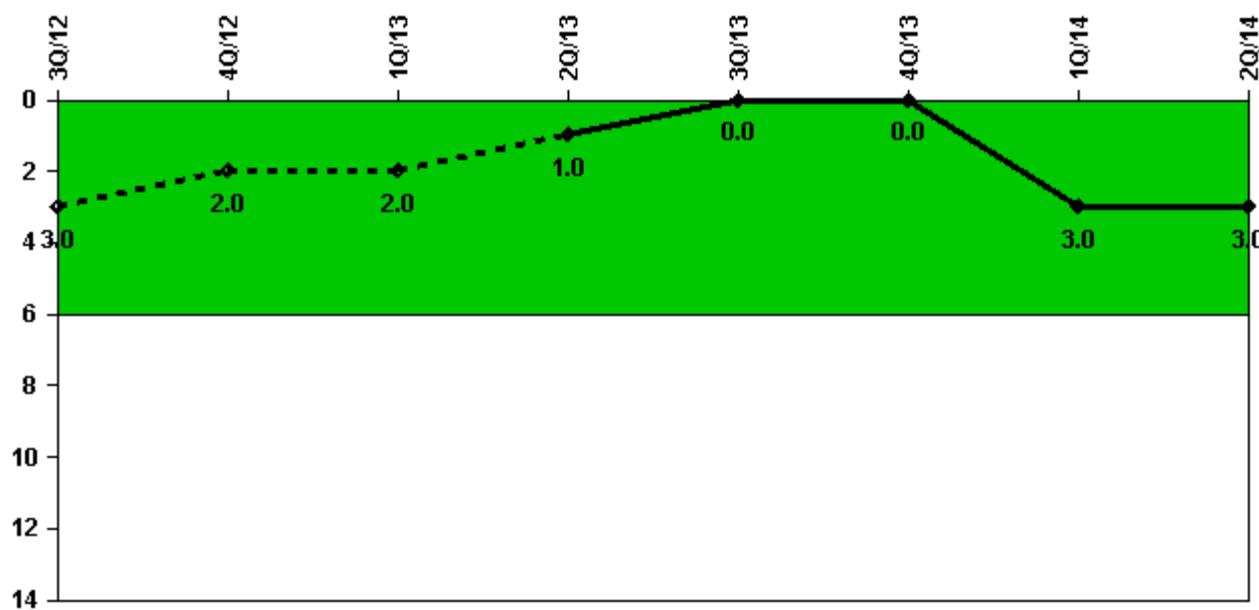
Thresholds: White > 1.0

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	0.0							

Licensee Comments: none

Safety System Functional Failures (BWR)



Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Safety System Functional Failures	1	0	0	0	0	0	3	0
Indicator value	3	2	2	1	0	0	3	3

Licensee Comments:

1Q/14: (1) Licensee Event Report 237/2013-005-00, Primary Containment Inboard and Outboard Feed Water Isolation Valves Exceed LLRT Limits (2) Licensee Event Report 237/2013-006-00, LPCI Swing Bus Auto Transfer Did Not Transfer as Expected (3) Licensee Event Report 237/2013-009-00, HPCI Failed to Achieve Rated Flow Due to Failure of Stop Valve to Open

4Q/13: LER 237/2013-003-00, Secondary Containment Inoperable Due to Two Interlock Doors Being Open Simultaneously, submitted in November 2013 for Unit 2 and Unit 3 SSFF

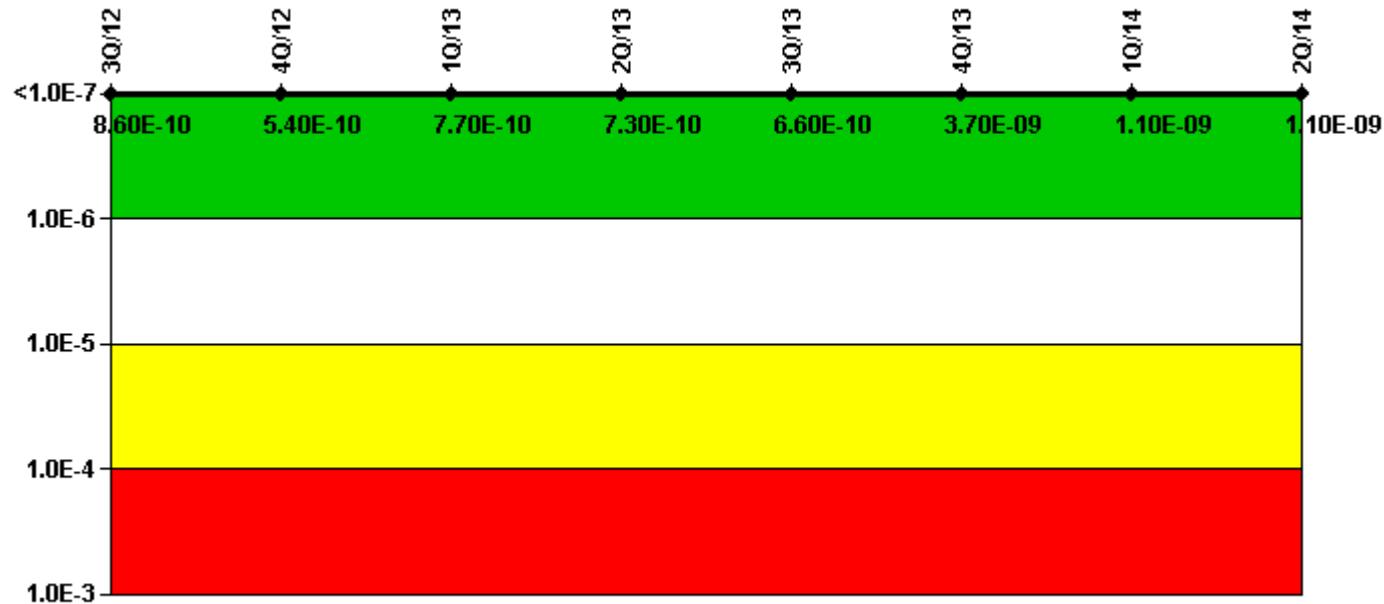
4Q/13: SSFF value revised from 1 to 0. (Ref. LER 237-2013-003-00 as revised by supplemental LER 237-2013-003-01, dated 03-26-14)

3Q/13: SSFF value revised from 1 to 0. (Ref. LER 237-2013-001-00 as revised by supplemental LER 237-2013-001-02, dated 03-26-14)

3Q/13: Licensee Event Report 237/2013-001-00, Secondary Containment Inoperable Due to Two Interlock Doors Being Open Simultaneously, dated 8/23/13

3Q/12: SSFF value for July 2012 was changed from 0 to 1 on 10/19/13. Ref. LER 237/2012-002-00, Inlet Steam Drain Pot Drain Line Leaks Result in HPCI Inoperabilities

Mitigating Systems Performance Index, Emergency AC Power System



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

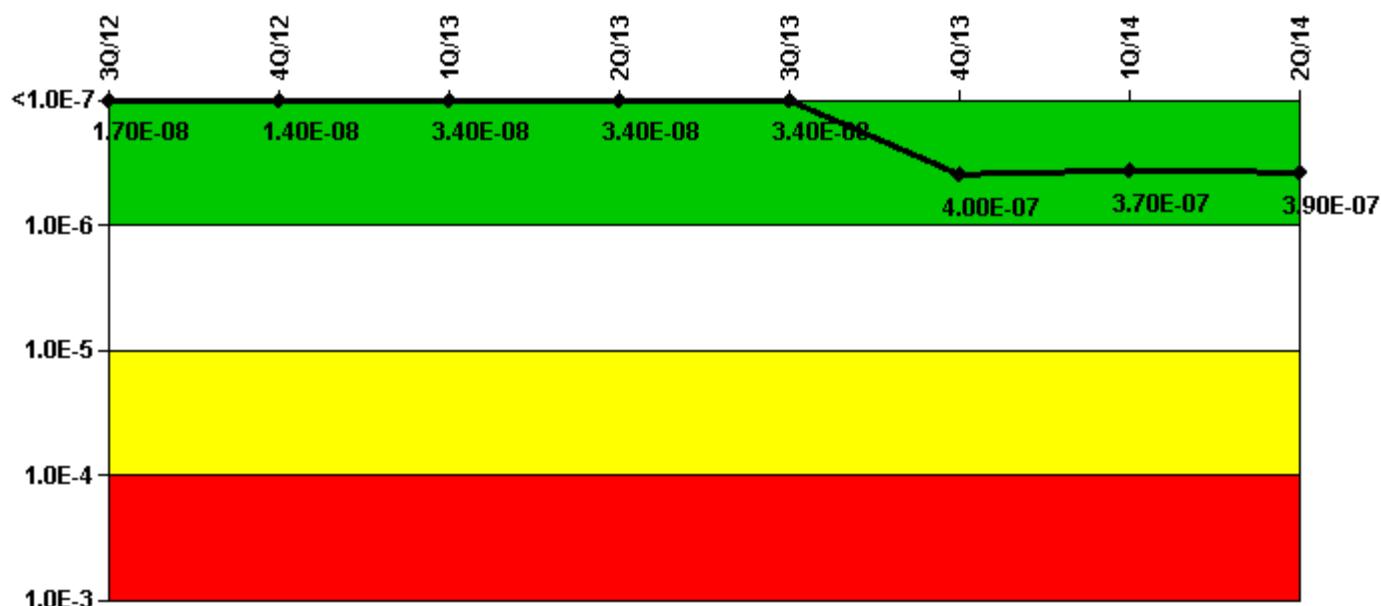
Notes

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)	1.40E-09	9.20E-10	1.17E-09	1.14E-09	1.06E-09	1.25E-09	3.66E-10	3.53E-10
URI (Δ CDF)	-5.35E-10	-3.82E-10	-4.02E-10	-4.13E-10	-4.04E-10	2.49E-09	7.23E-10	7.51E-10
PLE	NO							
Indicator value	8.60E-10	5.40E-10	7.70E-10	7.30E-10	6.60E-10	3.70E-09	1.10E-09	1.10E-09

Licensee Comments:

1Q/14: 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

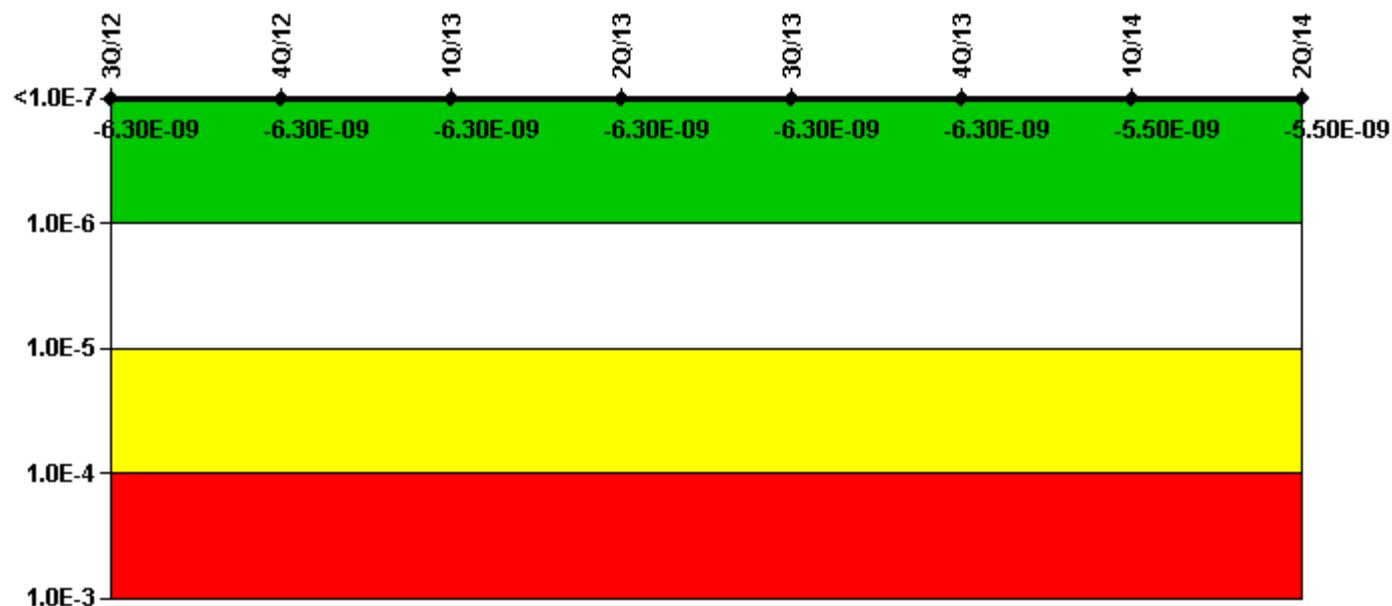
Notes

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)	8.26E-08	7.95E-08	9.92E-08	9.92E-08	9.92E-08	1.93E-07	1.66E-07	1.83E-07
URI (Δ CDF)	-6.55E-08	-6.55E-08	-6.55E-08	-6.55E-08	-6.55E-08	2.04E-07	2.04E-07	2.04E-07
PLE	NO							
Indicator value	1.70E-08	1.40E-08	3.40E-08	3.40E-08	3.40E-08	4.00E-07	3.70E-07	3.90E-07

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



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

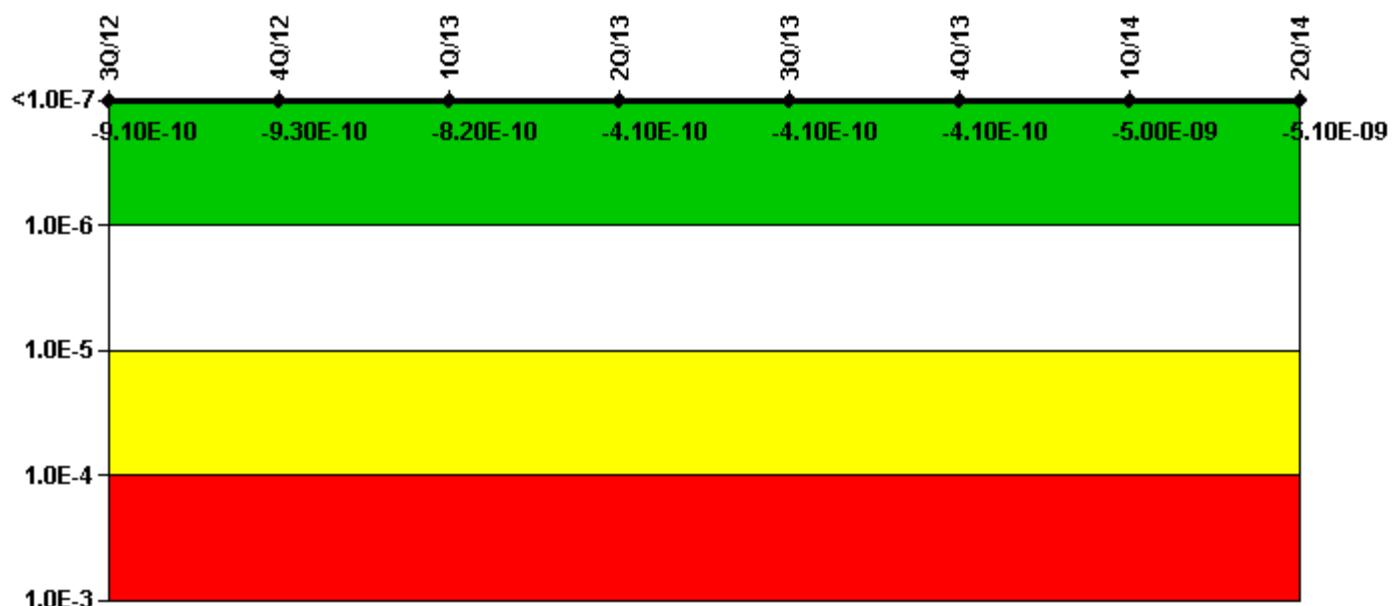
Notes

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)	-6.24E-09	-6.24E-09	-6.24E-09	-6.24E-09	-6.24E-09	-6.24E-09	-5.43E-09	-5.43E-09
URI (Δ CDF)	-9.92E-11	-9.92E-11	-9.92E-11	-9.92E-11	-9.92E-11	-9.92E-11	-1.01E-10	-1.01E-10
PLE	NO							
Indicator value	-6.30E-09	-6.30E-09	-6.30E-09	-6.30E-09	-6.30E-09	-6.30E-09	-5.50E-09	-5.50E-09

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System



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

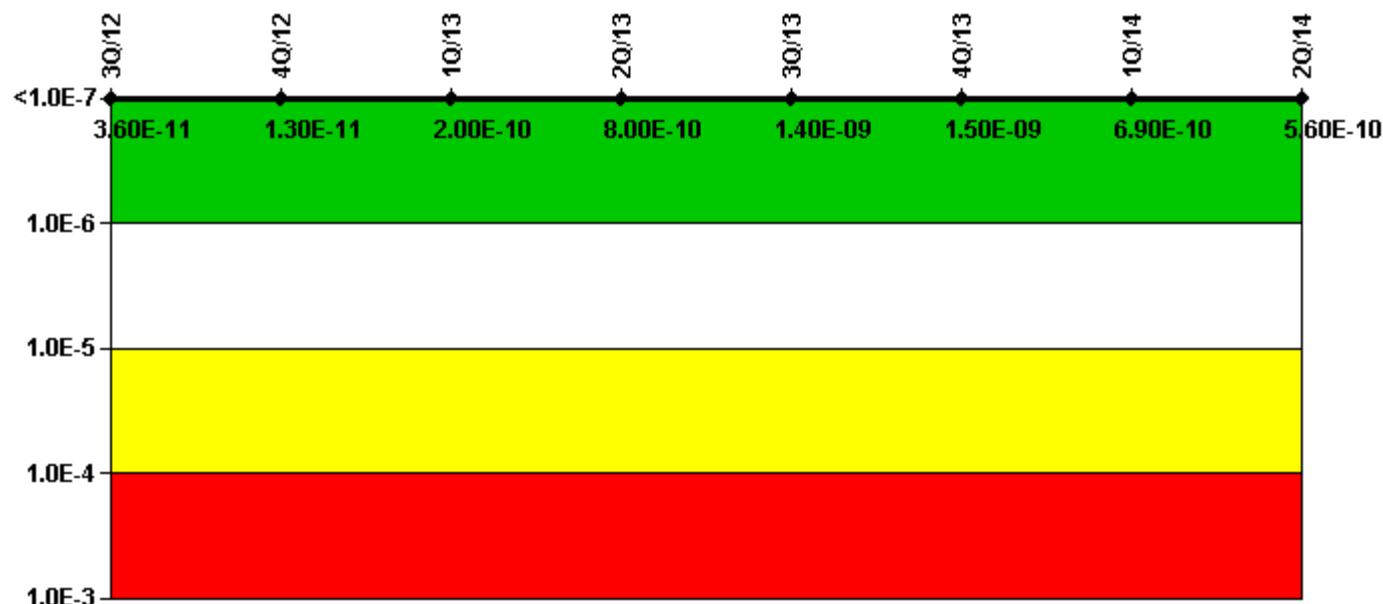
Notes

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)	-3.65E-10	-4.19E-10	-3.06E-10	1.16E-10	1.16E-10	1.58E-10	-1.40E-09	-1.40E-09
URI (Δ CDF)	-5.41E-10	-5.08E-10	-5.17E-10	-5.23E-10	-5.28E-10	-5.65E-10	-3.58E-09	-3.67E-09
PLE	NO							
Indicator value	-9.10E-10	-9.30E-10	-8.20E-10	-4.10E-10	-4.10E-10	-4.10E-10	-5.00E-09	-5.10E-09

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



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

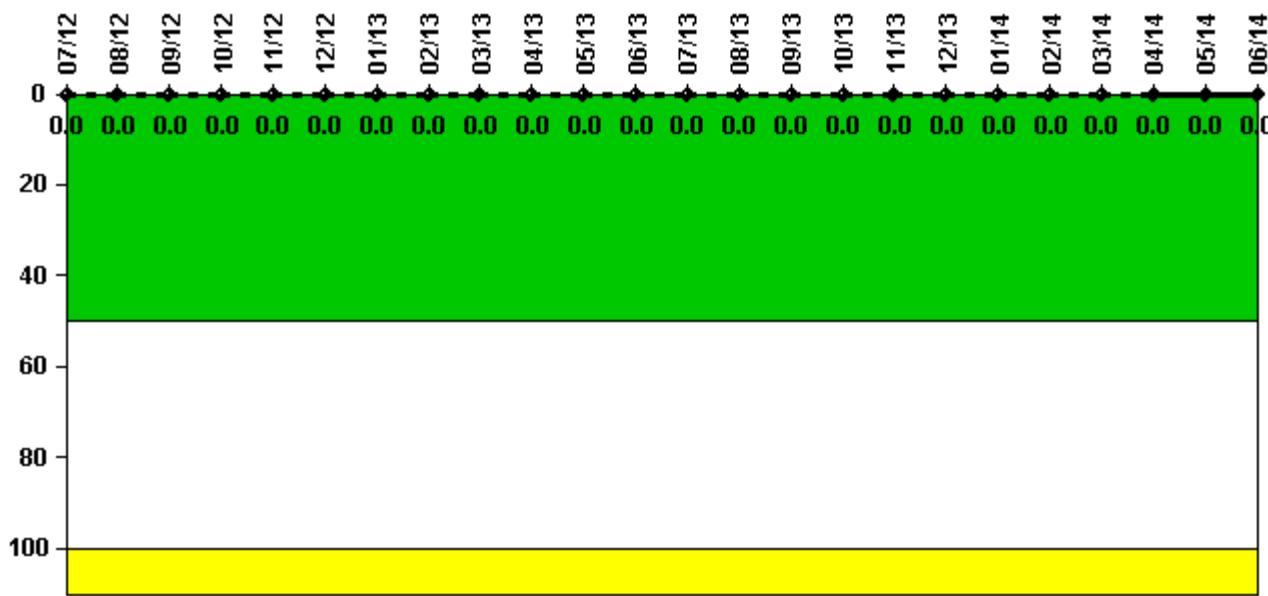
Notes

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)	4.76E-11	2.38E-11	2.16E-10	8.07E-10	1.45E-09	1.50E-09	7.19E-10	5.92E-10
URI (Δ CDF)	-1.18E-11	-1.11E-11	-1.09E-11	-1.09E-11	-1.09E-11	-1.15E-11	-2.84E-11	-2.79E-11
PLE	NO							
Indicator value	3.60E-11	1.30E-11	2.00E-10	8.00E-10	1.40E-09	1.50E-09	6.90E-10	5.60E-10

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Reactor Coolant System Activity

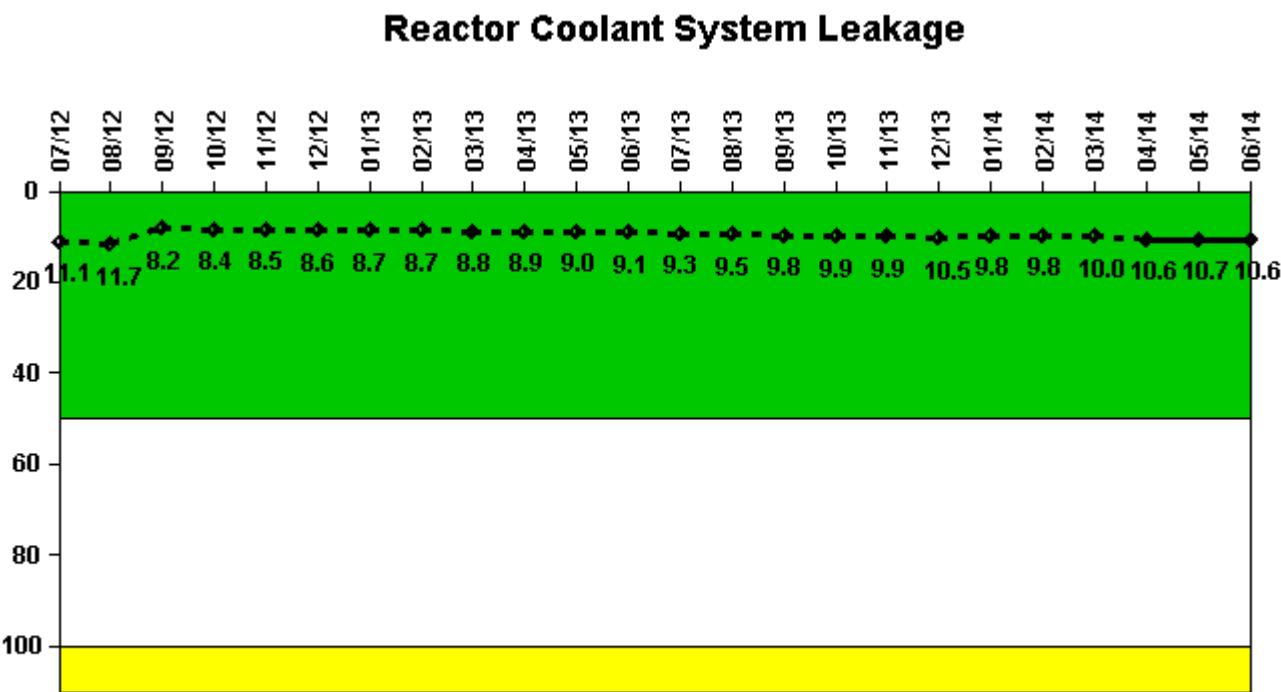


Thresholds: White > 50.0 Yellow > 100.0

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	0.000006	0.000005	0.000003	0.000004	0.000003	0.000006	0.000003	0.000005	0.000005	0.000011	0.000006	0.000018
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	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	0.000003	0.000003	0.000009	0.000015	0.000009	0.000005	0.000014	0.000005	0.000018	0.000027	0.000011	0.000005
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none



Thresholds: White > 50.0 Yellow > 100.0

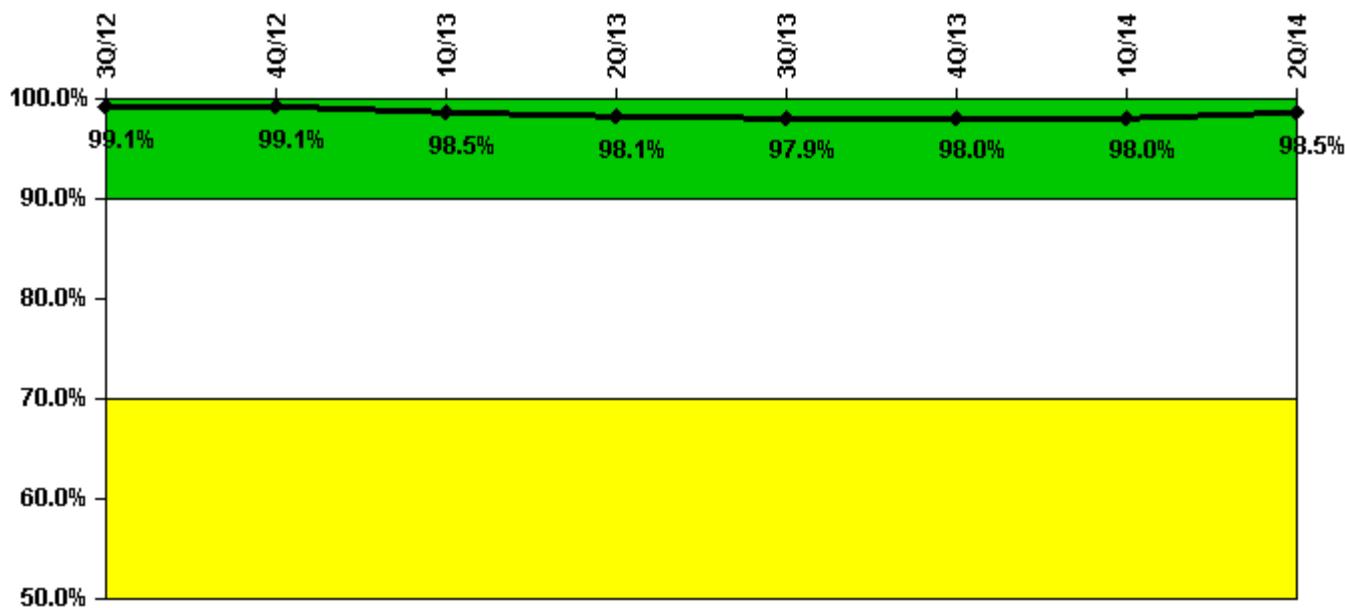
Notes

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	2.787	2.923	2.045	2.102	2.115	2.143	2.170	2.173	2.203	2.237	2.260	2.278
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	11.1	11.7	8.2	8.4	8.5	8.6	8.7	8.7	8.8	8.9	9.0	9.1

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	2.327	2.365	2.438	2.470	2.485	2.618	2.448	2.438	2.508	2.640	2.670	2.643
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	9.3	9.5	9.8	9.9	9.9	10.5	9.8	9.8	10.0	10.6	10.7	10.6

Licensee Comments: none

Drill/Exercise Performance



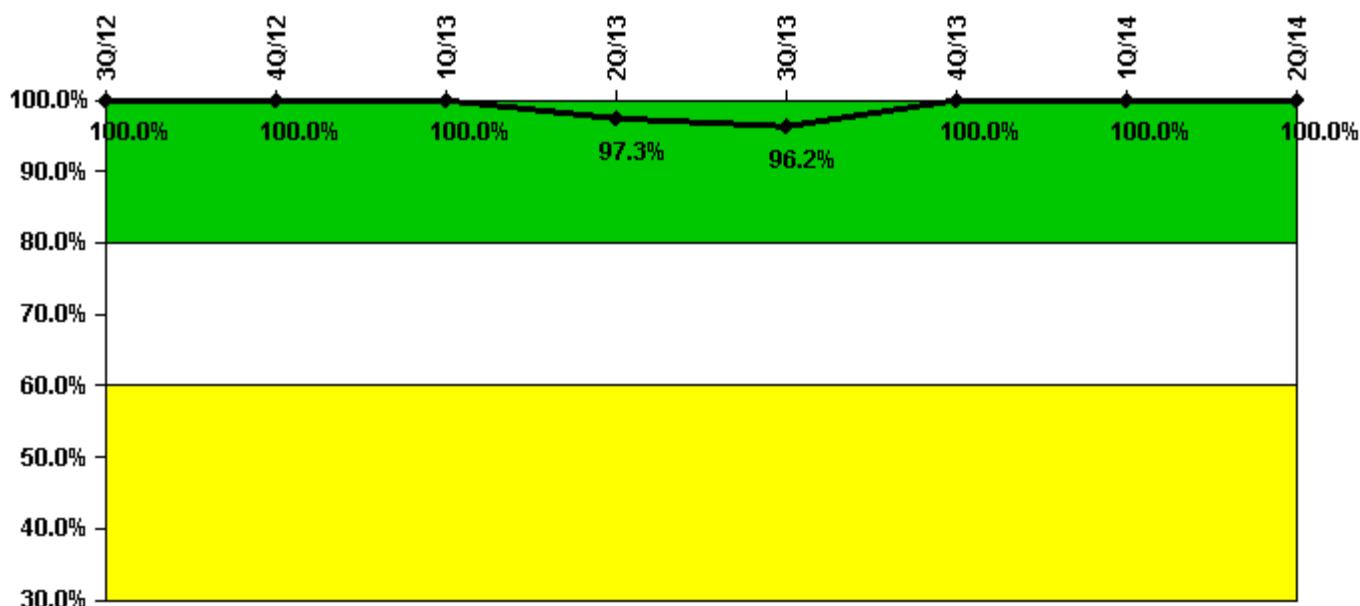
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Successful opportunities	20.0	19.0	58.0	32.0	36.0	34.0	42.0	79.0
Total opportunities	20.0	19.0	61.0	33.0	36.0	34.0	42.0	80.0
Indicator value	99.1%	99.1%	98.5%	98.1%	97.9%	98.0%	98.0%	98.5%

Licensee Comments: none

ERO Drill Participation



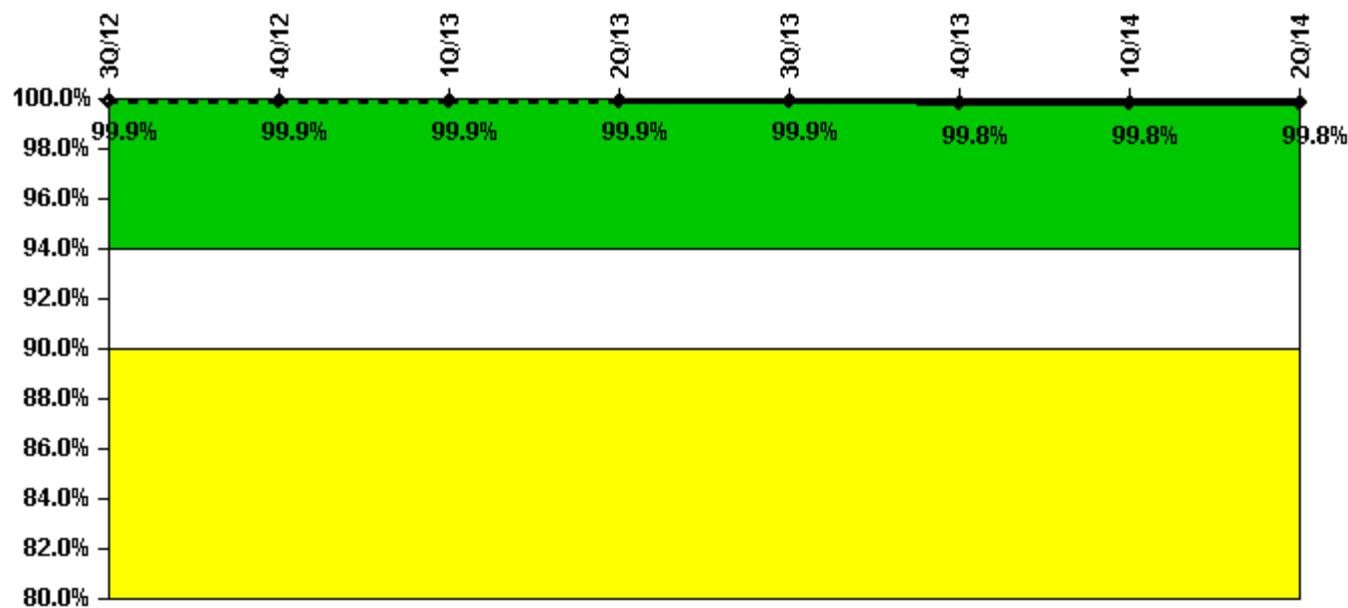
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Participating Key personnel	71.0	72.0	72.0	71.0	76.0	80.0	76.0	78.0
Total Key personnel	71.0	72.0	72.0	73.0	79.0	80.0	76.0	78.0
Indicator value	100.0%	100.0%	100.0%	97.3%	96.2%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



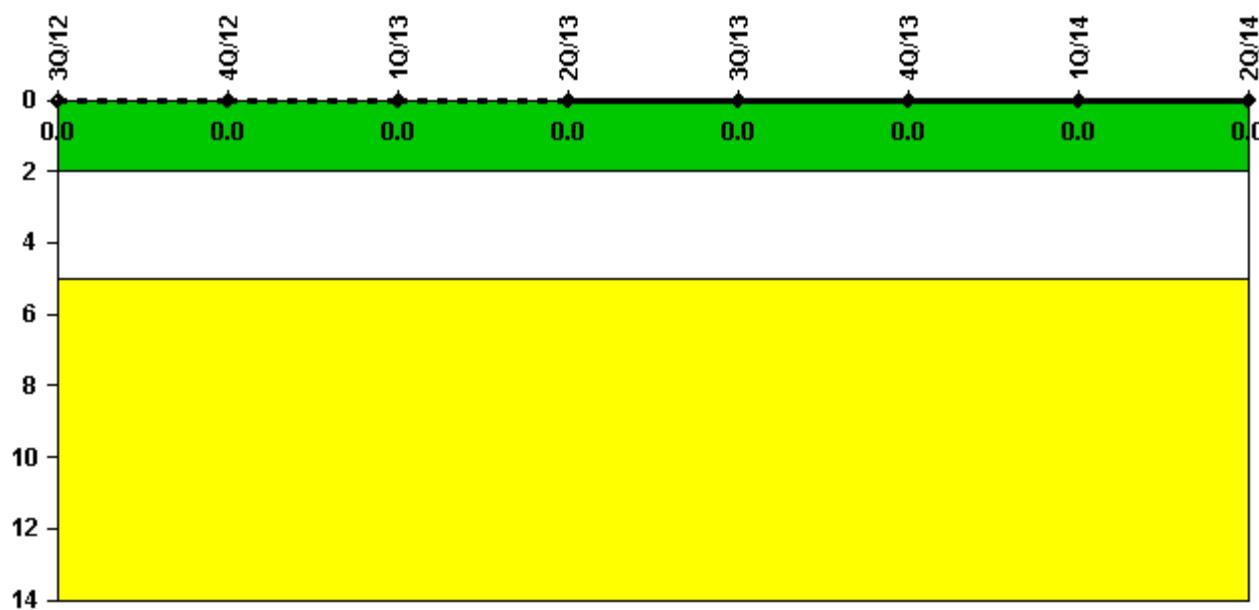
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Successful siren-tests	2893	2944	2942	2938	2939	2933	2935	2939
Total sirens-tests	2898	2944	2944	2944	2944	2944	2940	2944
Indicator value	99.9%	99.9%	99.9%	99.9%	99.9%	99.8%	99.8%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



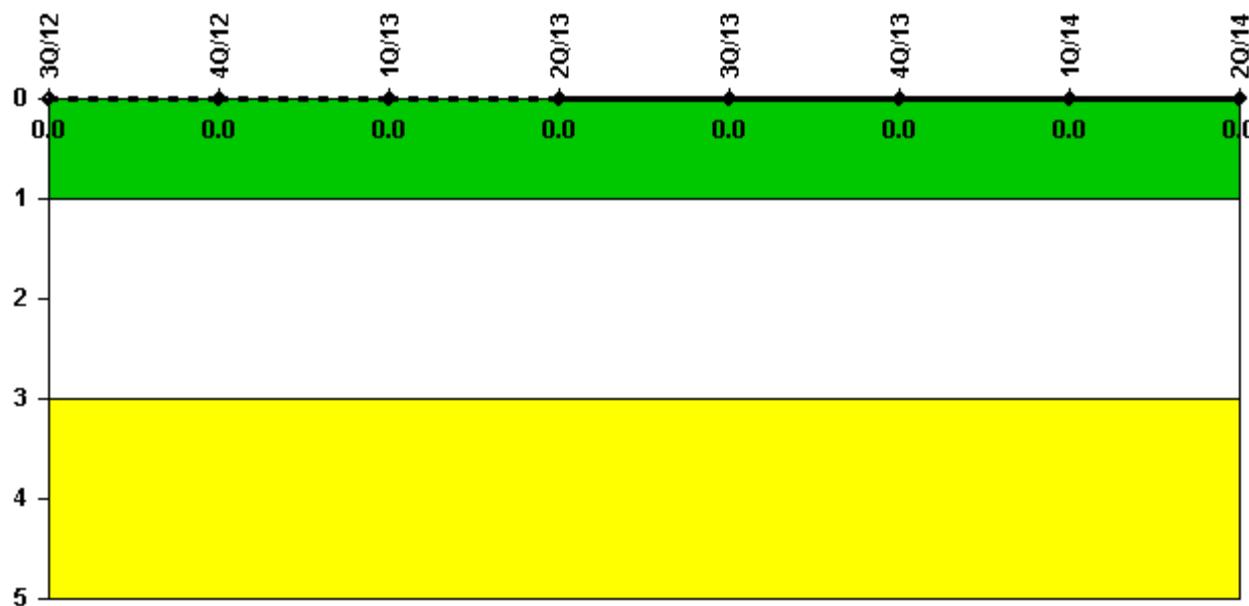
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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.

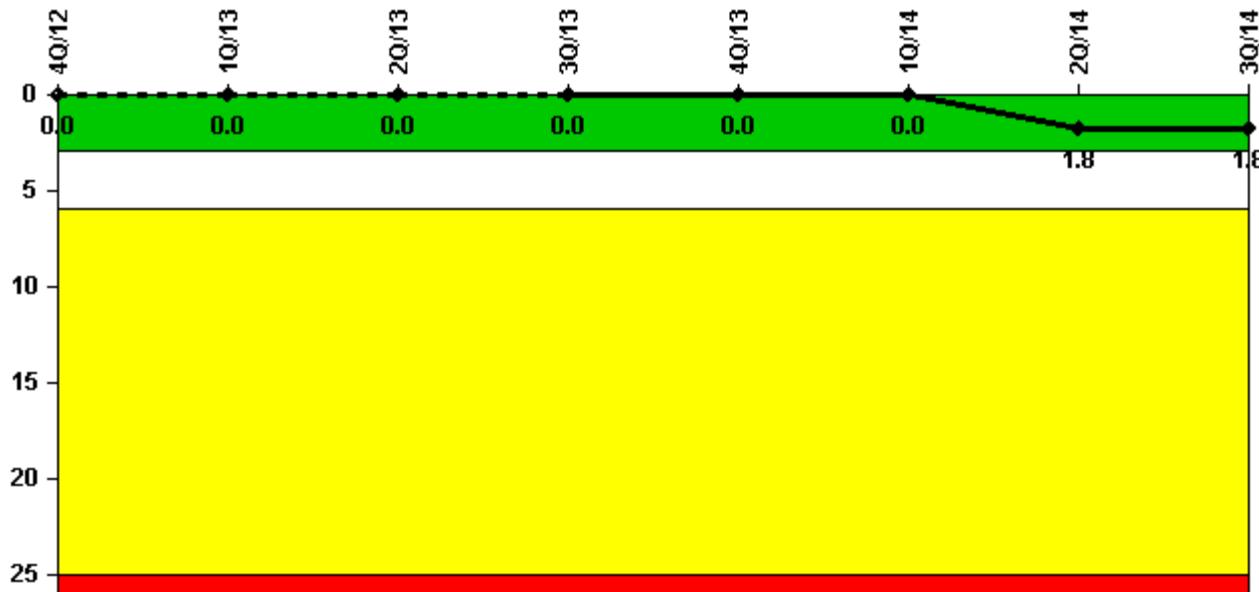
 [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: July 31, 2014

Dresden 2**3Q/2014 Performance Indicators**

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs

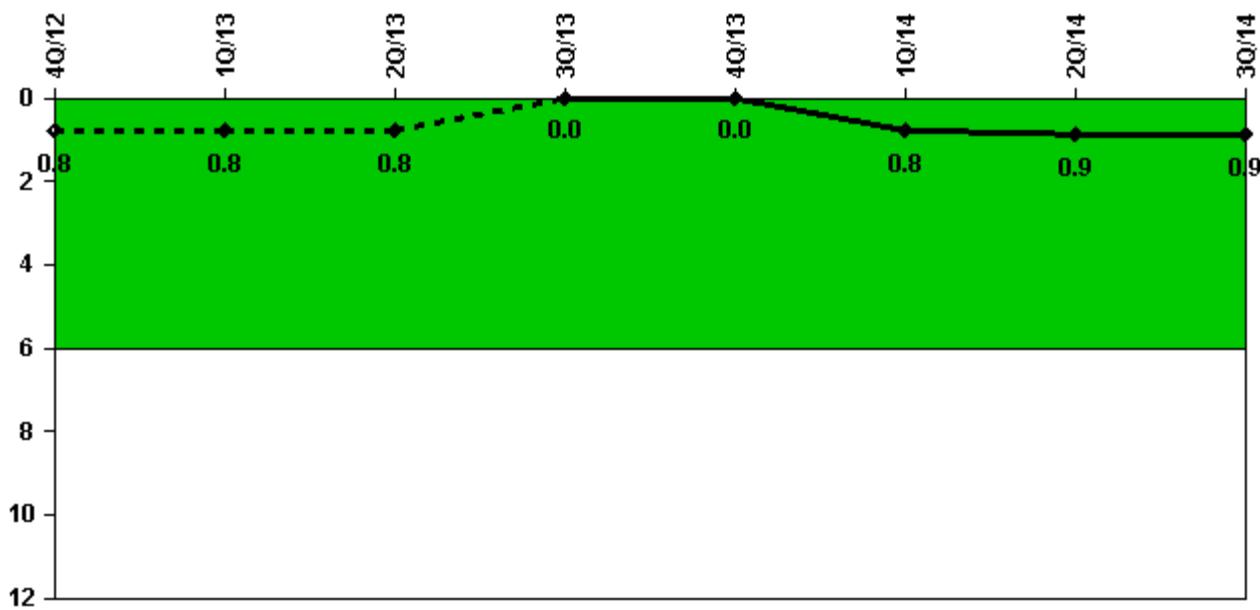
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Unplanned scrams	0	0	0	0	0	0	2.0	0
Critical hours	2209.0	2159.0	2184.0	2208.0	1781.2	2159.0	1822.7	2208.0
Indicator value	0	0	0	0	0	0	1.8	1.8

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



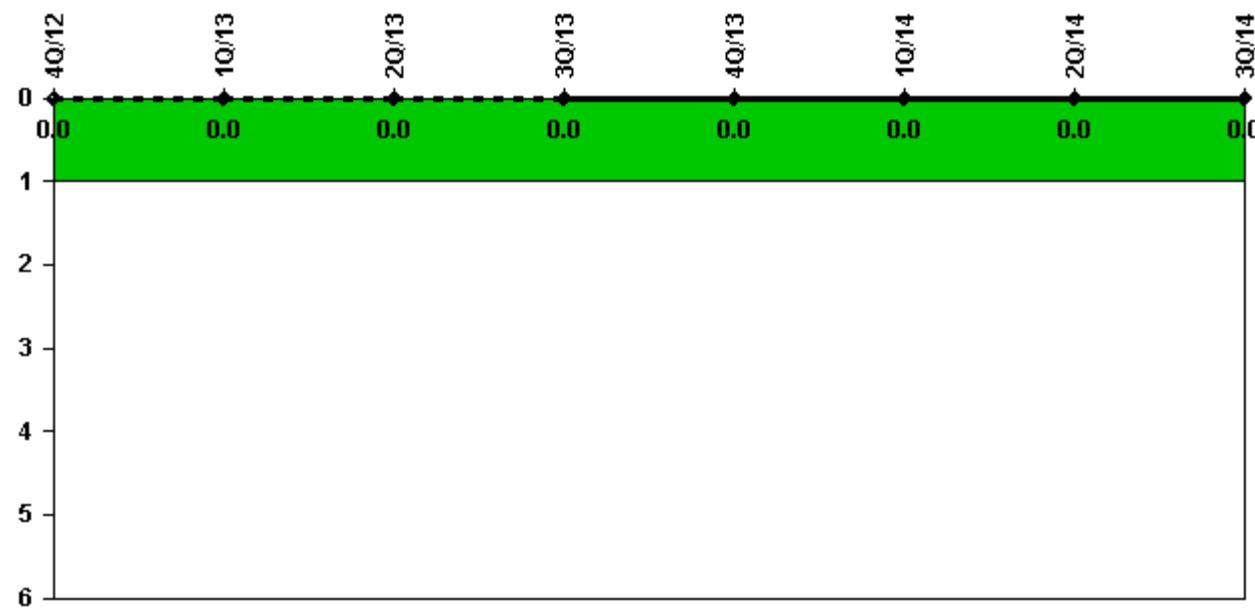
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Unplanned power changes	0	0	0	0	0	1.0	0	0
Critical hours	2209.0	2159.0	2184.0	2208.0	1781.2	2159.0	1822.7	2208.0
Indicator value	0.8	0.8	0.8	0	0	0.8	0.9	0.9

Licensee Comments: none

Unplanned Scrams with Complications



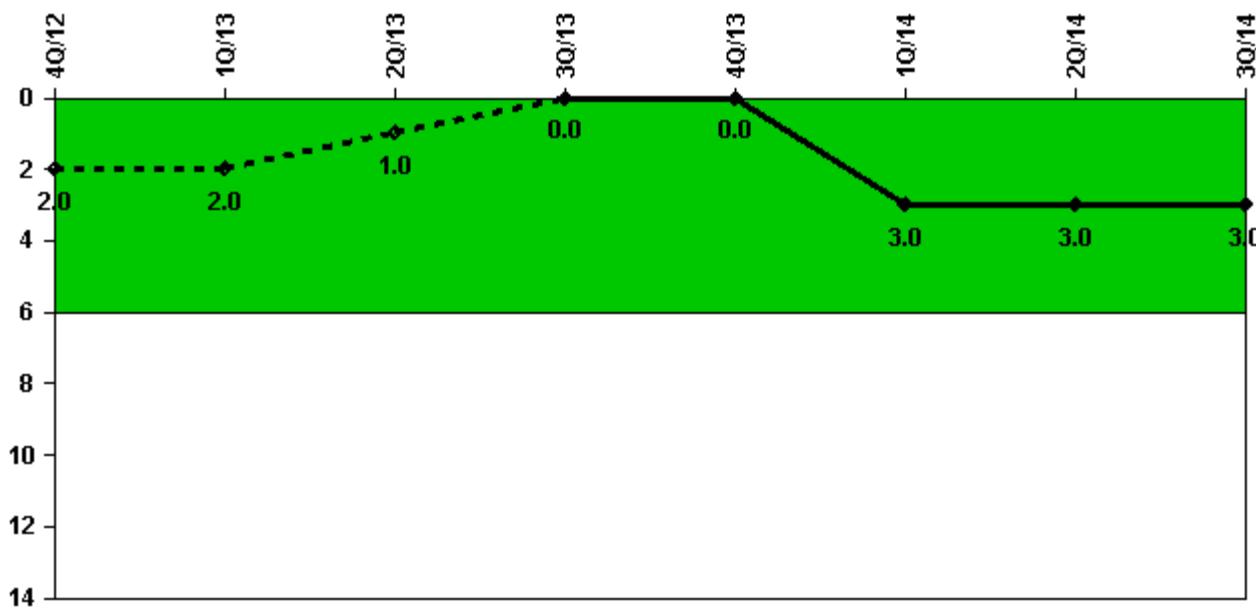
Thresholds: White > 1.0

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	0.0							

Licensee Comments: none

Safety System Functional Failures (BWR)



Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Safety System Functional Failures	0	0	0	0	0	3	0	0
Indicator value	2	2	1	0	0	3	3	3

Licensee Comments:

1Q/14: (1) Licensee Event Report 237/2013-005-00, Primary Containment Inboard and Outboard Feed Water Isolation Valves Exceed LLRT Limits (2) Licensee Event Report 237/2013-006-00, LPCI Swing Bus Auto Transfer Did Not Transfer as Expected (3) Licensee Event Report 237/2013-009-00, HPCI Failed to Achieve Rated Flow Due to Failure of Stop Valve to Open

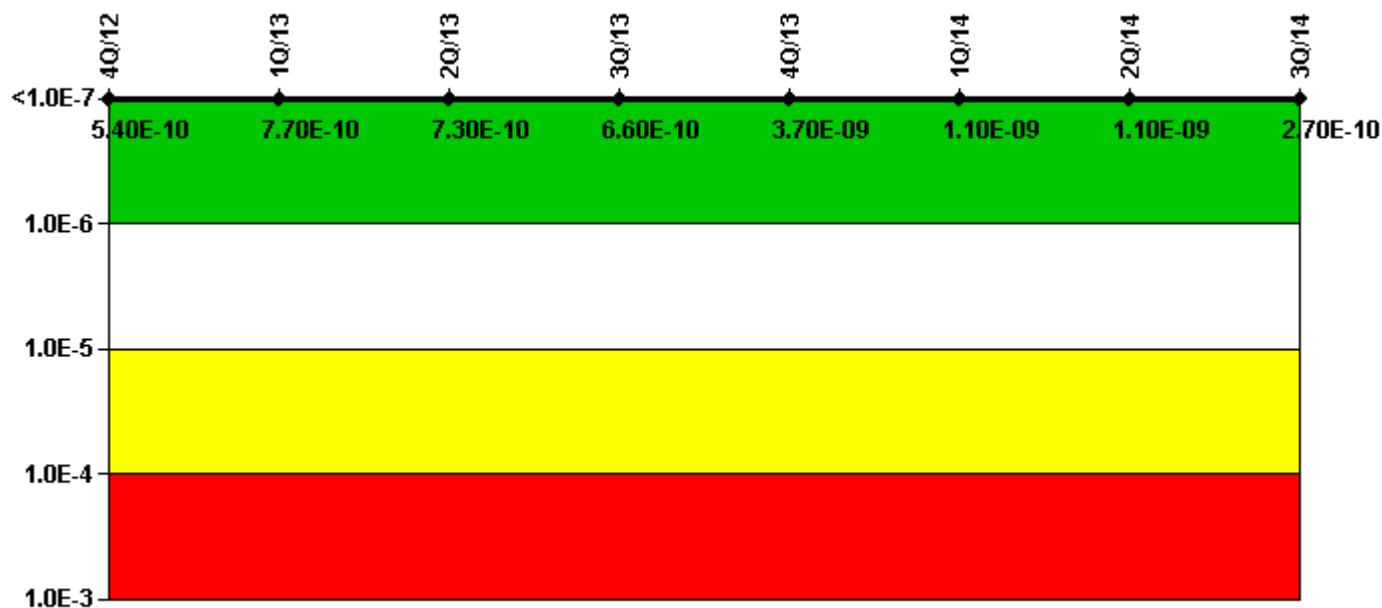
4Q/13: LER 237/2013-003-00, Secondary Containment Inoperable Due to Two Interlock Doors Being Open Simultaneously, submitted in November 2013 for Unit 2 and Unit 3 SSFF

4Q/13: SSFF value revised from 1 to 0. (Ref. LER 237-2013-003-00 as revised by supplemental LER 237-2013-003-01, dated 03-26-14)

3Q/13: SSFF value revised from 1 to 0. (Ref. LER 237-2013-001-00 as revised by supplemental LER 237-2013-001-02, dated 03-26-14)

3Q/13: Licensee Event Report 237/2013-001-00, Secondary Containment Inoperable Due to Two Interlock Doors Being Open Simultaneously, dated 8/23/13

Mitigating Systems Performance Index, Emergency AC Power System



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

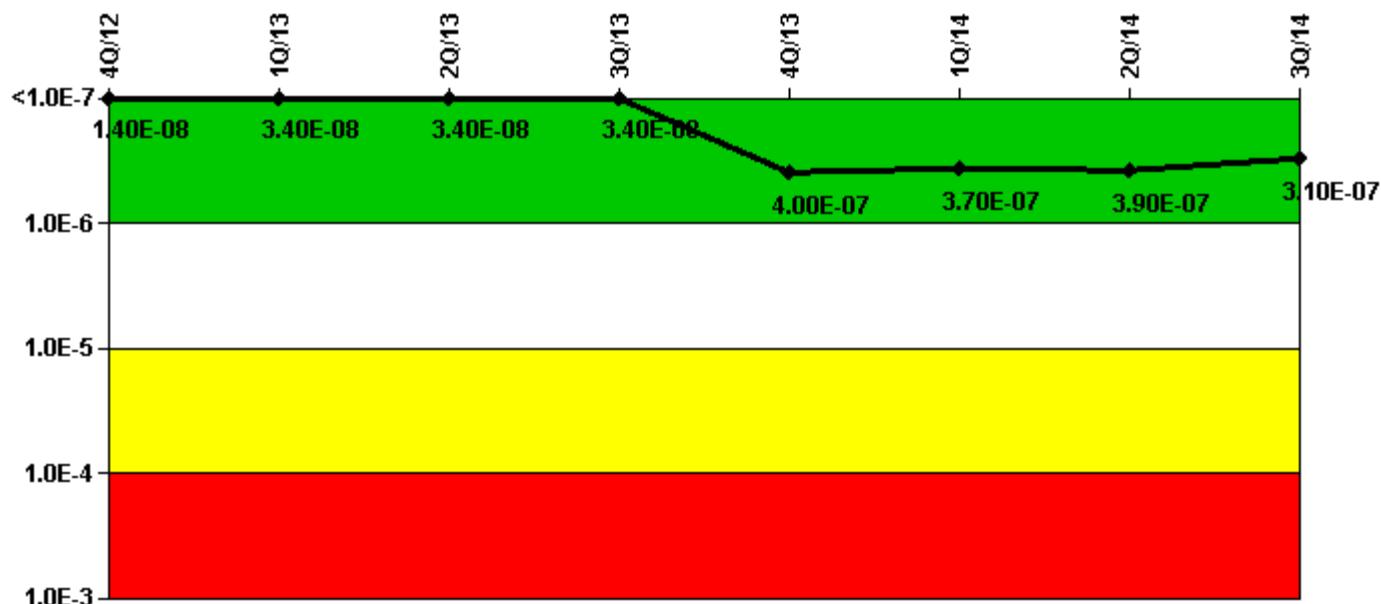
Notes

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)	9.20E-10	1.17E-09	1.14E-09	1.06E-09	1.25E-09	3.66E-10	3.53E-10	5.96E-11
URI (Δ CDF)	-3.82E-10	-4.02E-10	-4.13E-10	-4.04E-10	2.49E-09	7.23E-10	7.51E-10	2.06E-10
PLE	NO							
Indicator value	5.40E-10	7.70E-10	7.30E-10	6.60E-10	3.70E-09	1.10E-09	1.10E-09	2.70E-10

Licensee Comments:

1Q/14: 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

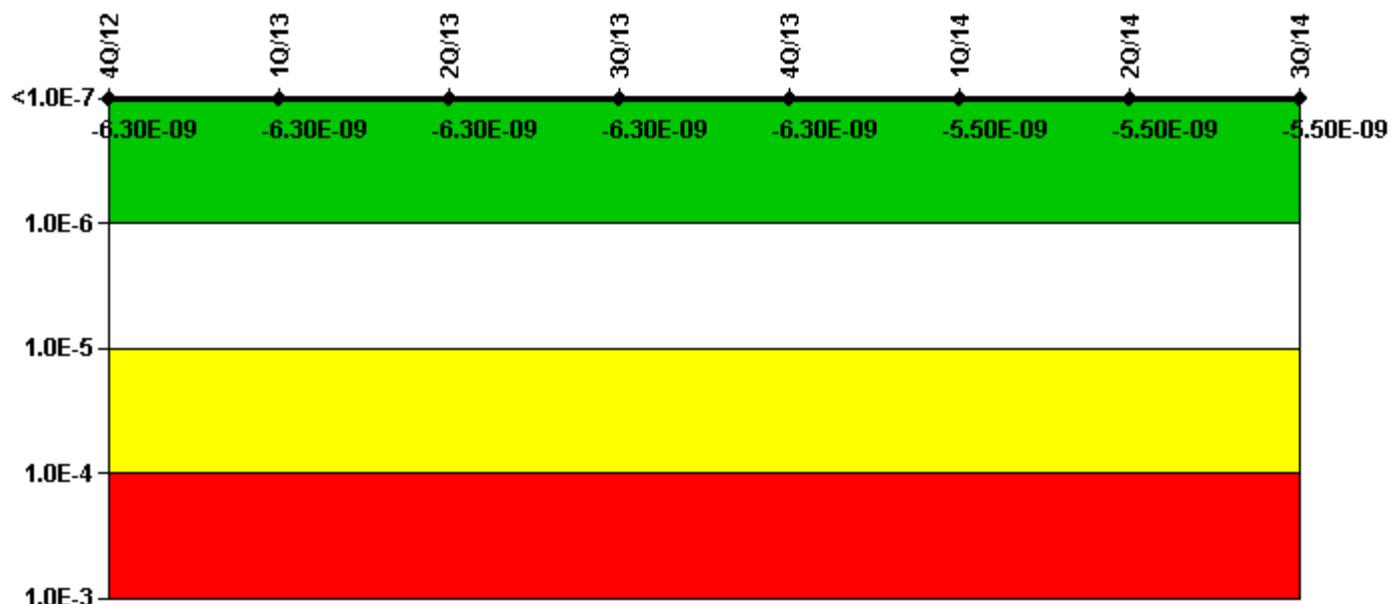
Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
UAI (Δ CDF)	7.95E-08	9.92E-08	9.92E-08	9.92E-08	1.93E-07	1.66E-07	1.83E-07	1.09E-07
URI (Δ CDF)	-6.55E-08	-6.55E-08	-6.55E-08	-6.55E-08	2.04E-07	2.04E-07	2.04E-07	2.04E-07
PLE	NO							
Indicator value	1.40E-08	3.40E-08	3.40E-08	3.40E-08	4.00E-07	3.70E-07	3.90E-07	3.10E-07

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



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

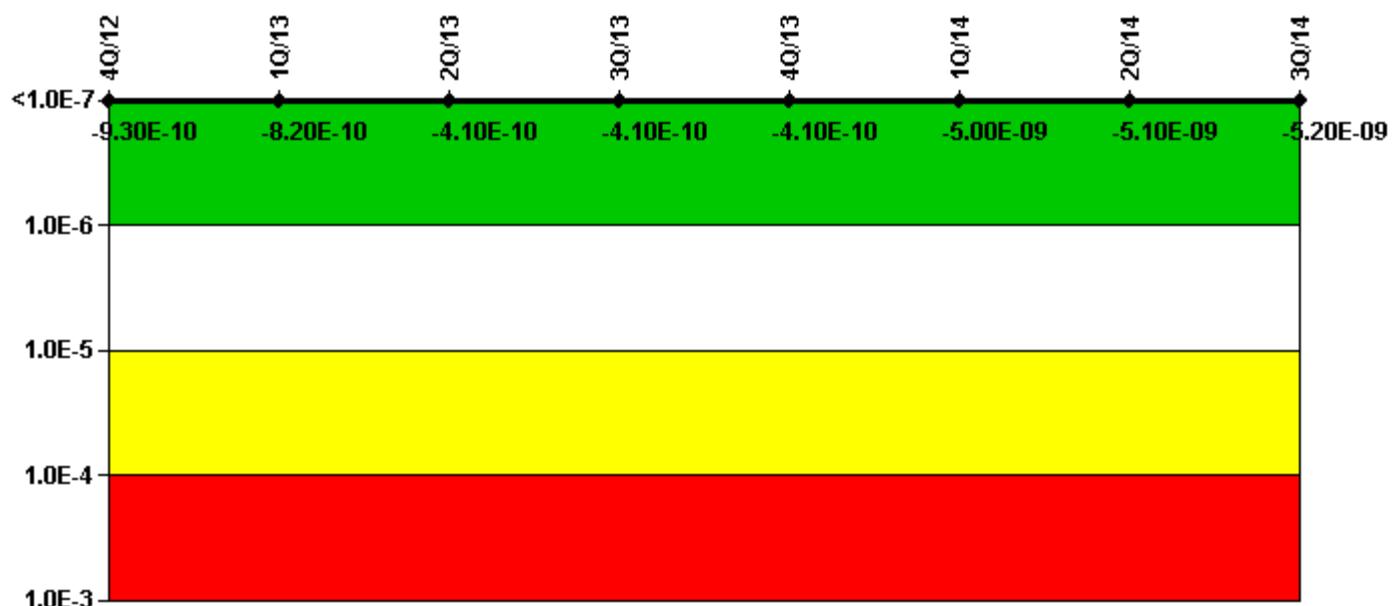
Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
UAI (Δ CDF)	-6.24E-09	-6.24E-09	-6.24E-09	-6.24E-09	-6.24E-09	-5.43E-09	-5.43E-09	-5.43E-09
URI (Δ CDF)	-9.92E-11	-9.92E-11	-9.92E-11	-9.92E-11	-9.92E-11	-1.01E-10	-1.01E-10	-1.01E-10
PLE	NO							
Indicator value	-6.30E-09	-6.30E-09	-6.30E-09	-6.30E-09	-6.30E-09	-5.50E-09	-5.50E-09	-5.50E-09

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System



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

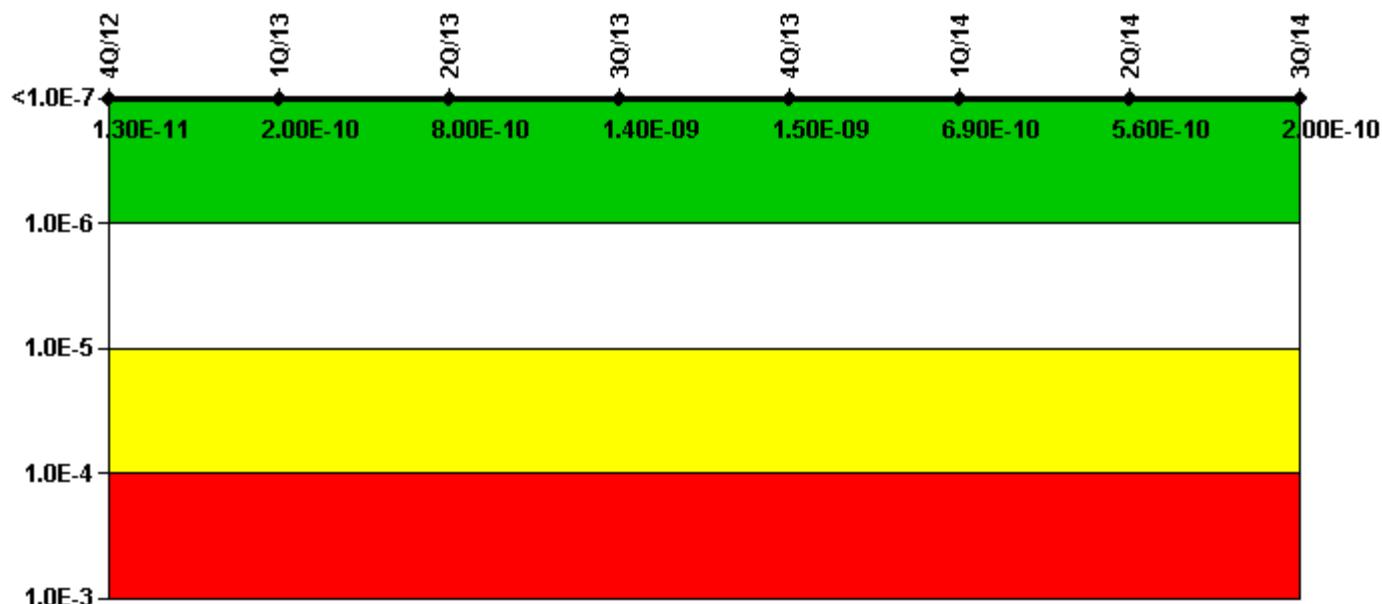
Notes

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)	-4.19E-10	-3.06E-10	1.16E-10	1.16E-10	1.58E-10	-1.40E-09	-1.40E-09	-1.40E-09
URI (Δ CDF)	-5.08E-10	-5.17E-10	-5.23E-10	-5.28E-10	-5.65E-10	-3.58E-09	-3.67E-09	-3.78E-09
PLE	NO							
Indicator value	-9.30E-10	-8.20E-10	-4.10E-10	-4.10E-10	-4.10E-10	-5.00E-09	-5.10E-09	-5.20E-09

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



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

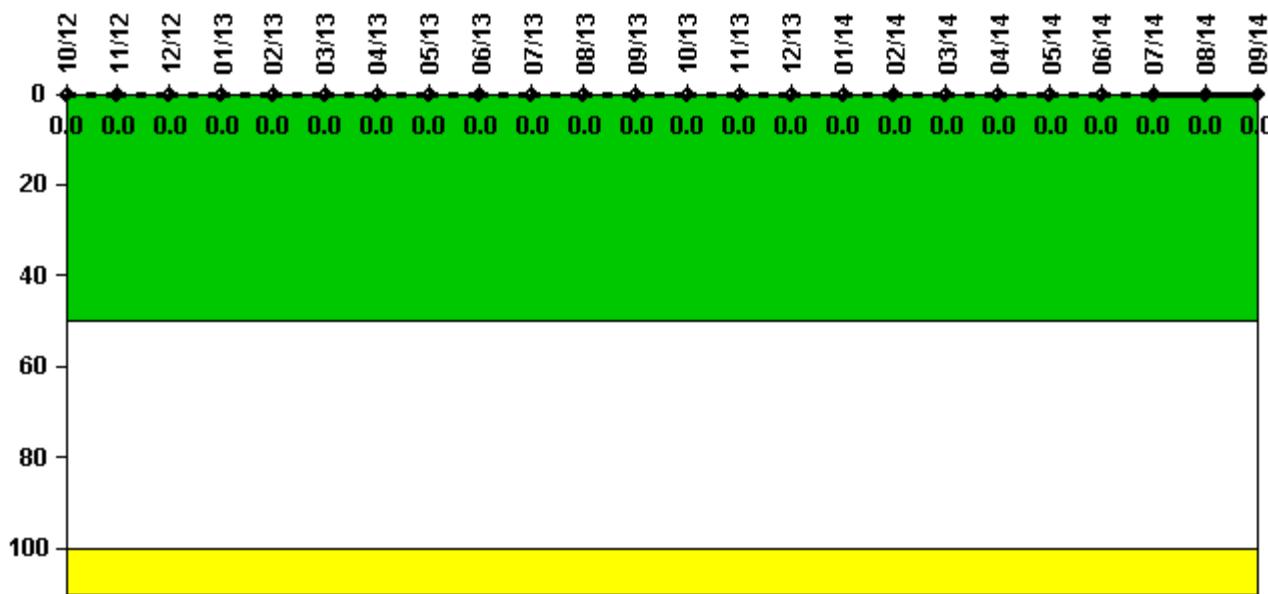
Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
UAI (Δ CDF)	2.38E-11	2.16E-10	8.07E-10	1.45E-09	1.50E-09	7.19E-10	5.92E-10	2.27E-10
URI (Δ CDF)	-1.11E-11	-1.09E-11	-1.09E-11	-1.09E-11	-1.15E-11	-2.84E-11	-2.79E-11	-2.79E-11
PLE	NO							
Indicator value	1.30E-11	2.00E-10	8.00E-10	1.40E-09	1.50E-09	6.90E-10	5.60E-10	2.00E-10

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Reactor Coolant System Activity



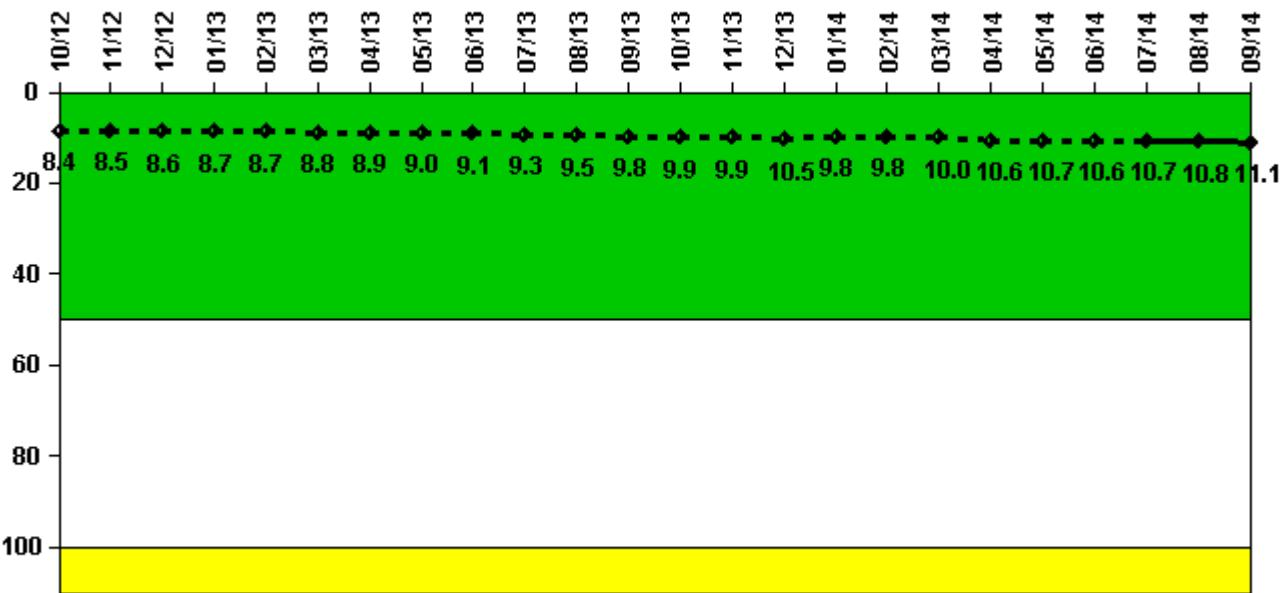
Thresholds: White > 50.0 Yellow > 100.0

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	0.000004	0.000003	0.000006	0.000003	0.000005	0.000005	0.000011	0.000006	0.000018	0.000003	0.000003	0.000009
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	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	0.000015	0.000009	0.000005	0.000014	0.000005	0.000018	0.000027	0.000011	0.000005	0.000006	0.000005	0.000007
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



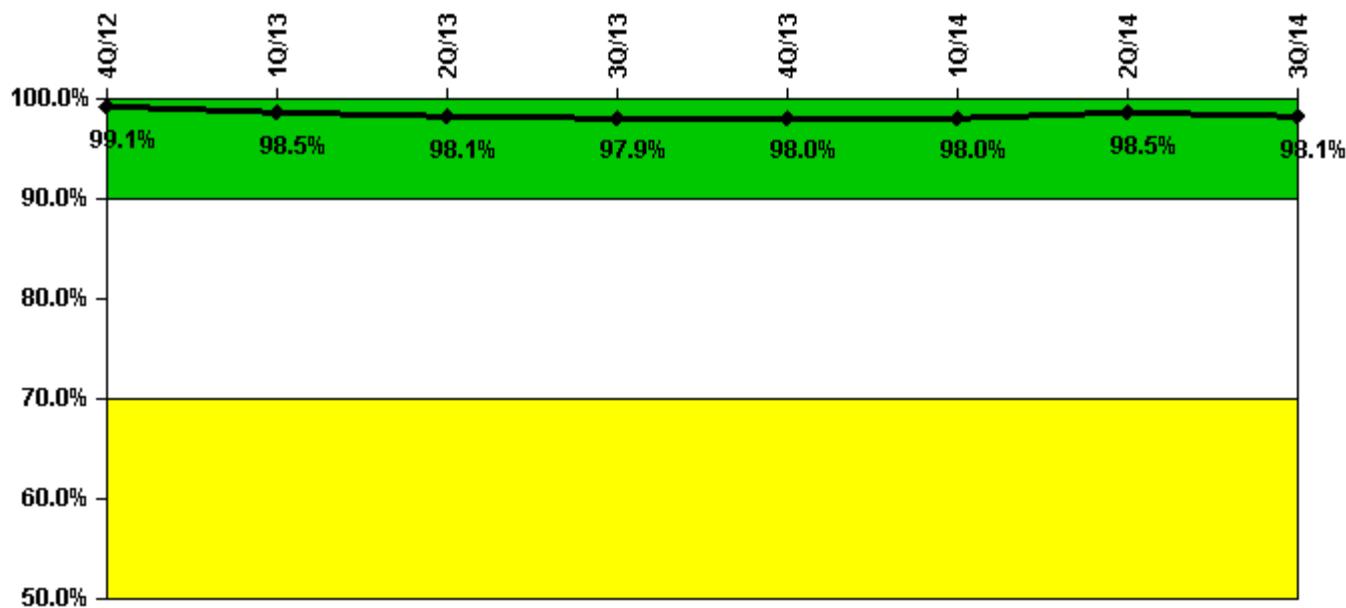
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/12	11/12	12/12	1/13	2/13	3/13	4/13	5/13	6/13	7/13	8/13	9/13
Maximum leakage	2.102	2.115	2.143	2.170	2.173	2.203	2.237	2.260	2.278	2.327	2.365	2.438
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	8.4	8.5	8.6	8.7	8.7	8.8	8.9	9.0	9.1	9.3	9.5	9.8
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	2.470	2.485	2.618	2.448	2.438	2.508	2.640	2.670	2.643	2.672	2.712	2.775
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	9.9	9.9	10.5	9.8	9.8	10.0	10.6	10.7	10.6	10.7	10.8	11.1

Licensee Comments: none

Drill/Exercise Performance



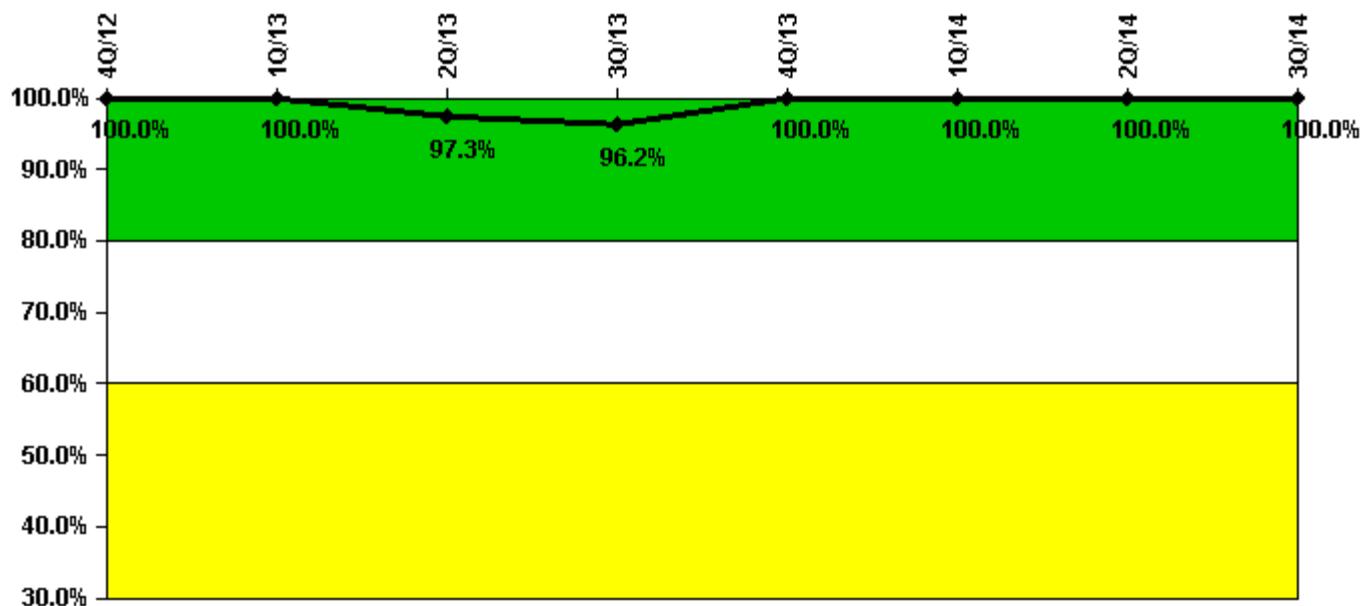
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Successful opportunities	19.0	58.0	32.0	36.0	34.0	42.0	79.0	61.0
Total opportunities	19.0	61.0	33.0	36.0	34.0	42.0	80.0	63.0
Indicator value	99.1%	98.5%	98.1%	97.9%	98.0%	98.0%	98.5%	98.1%

Licensee Comments: none

ERO Drill Participation



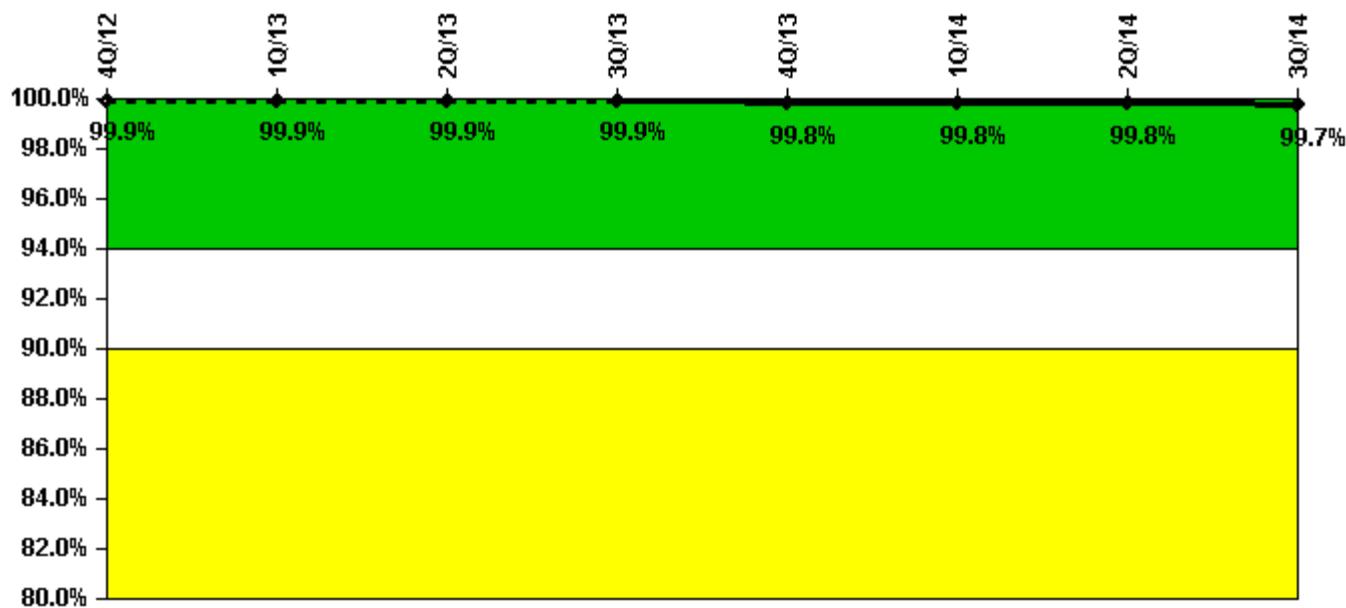
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Participating Key personnel	72.0	72.0	71.0	76.0	80.0	76.0	78.0	78.0
Total Key personnel	72.0	72.0	73.0	79.0	80.0	76.0	78.0	78.0
Indicator value	100.0%	100.0%	97.3%	96.2%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



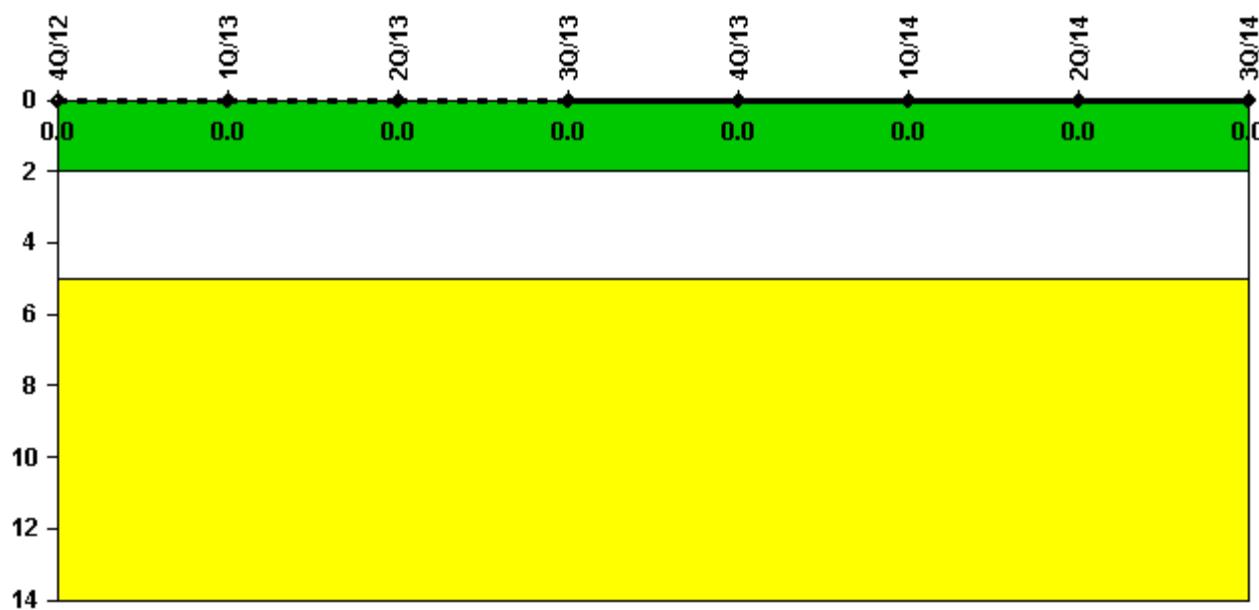
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Successful siren-tests	2944	2942	2938	2939	2933	2935	2939	2928
Total sirens-tests	2944	2944	2944	2944	2944	2940	2944	2944
Indicator value	99.9%	99.9%	99.9%	99.9%	99.8%	99.8%	99.8%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



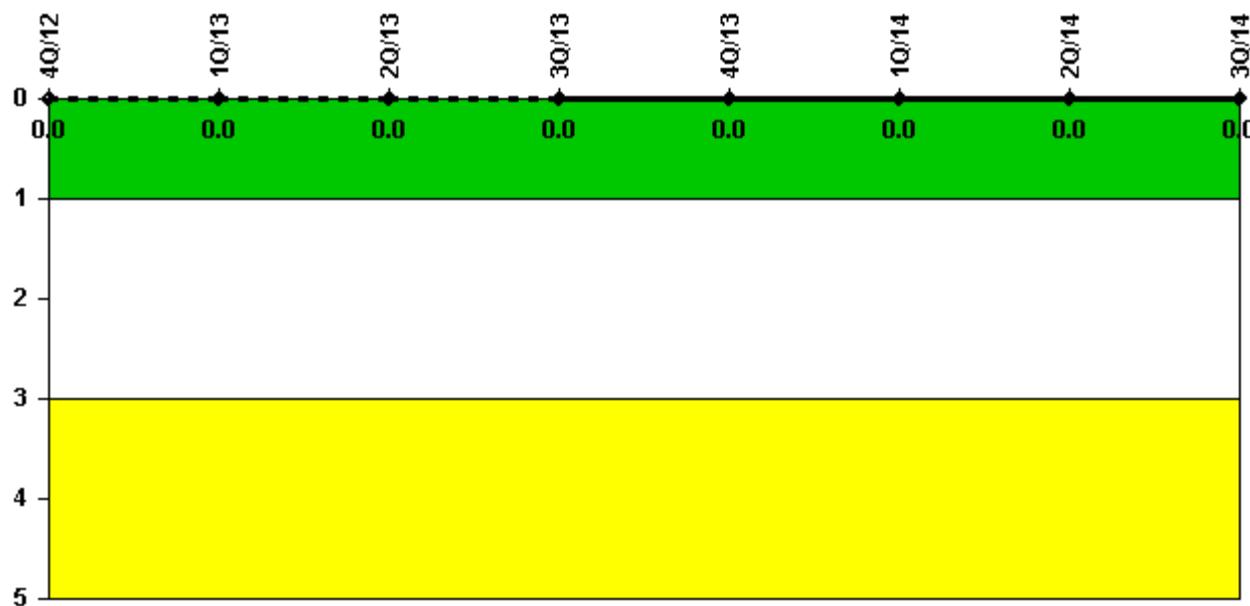
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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

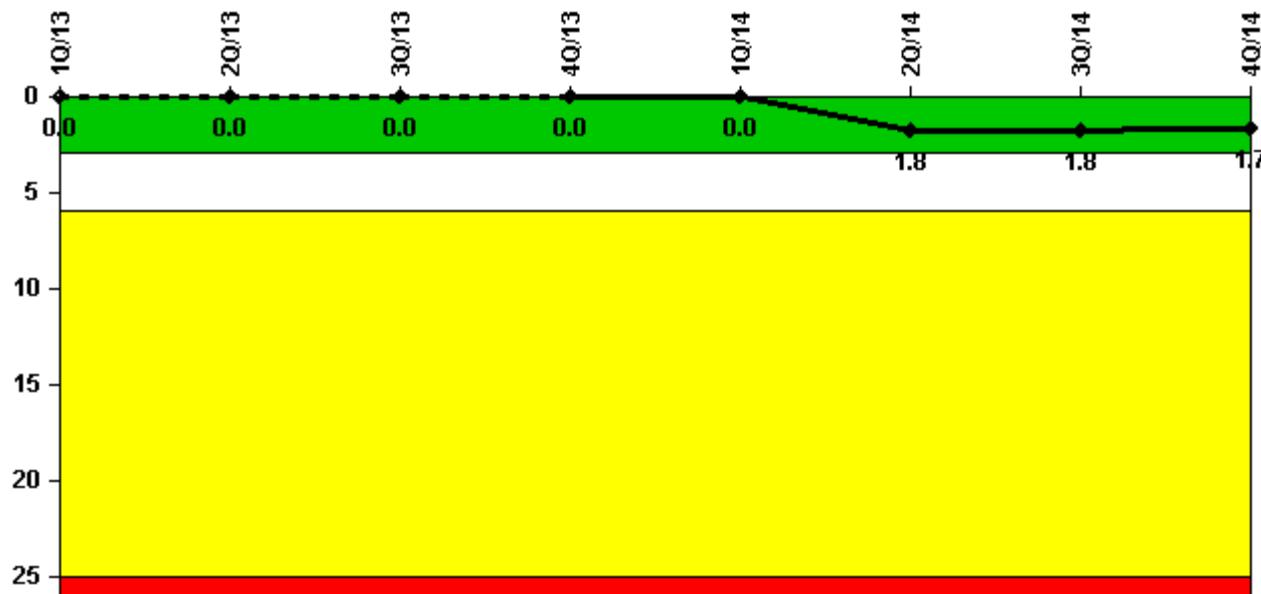
Dresden 2

4Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



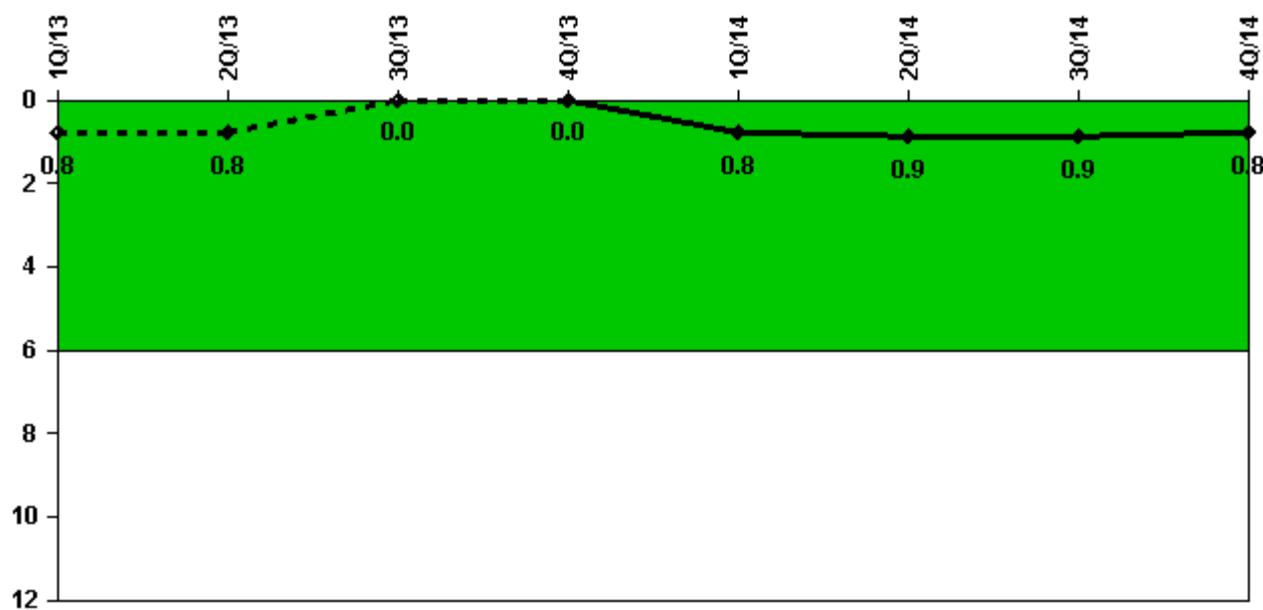
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Unplanned scrams	0	0	0	0	0	2.0	0	0
Critical hours	2159.0	2184.0	2208.0	1781.2	2159.0	1822.7	2208.0	2209.0
Indicator value	0	0	0	0	0	1.8	1.8	1.7

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



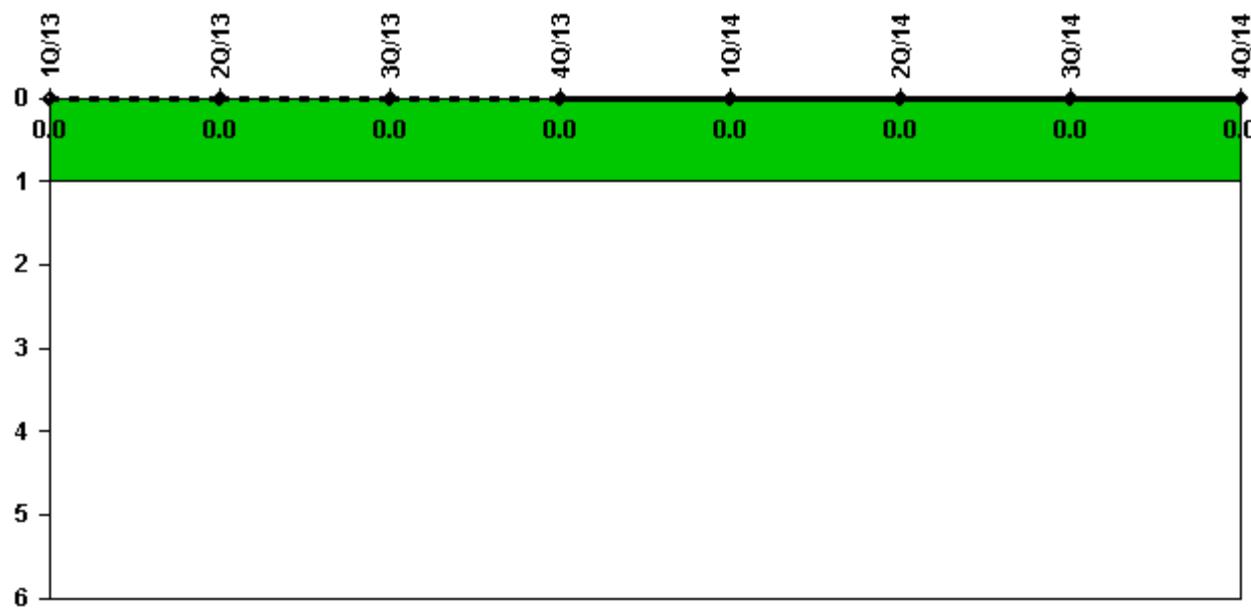
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Unplanned power changes	0	0	0	0	1.0	0	0	0
Critical hours	2159.0	2184.0	2208.0	1781.2	2159.0	1822.7	2208.0	2209.0
Indicator value	0.8	0.8	0	0	0.8	0.9	0.9	0.8

Licensee Comments: none

Unplanned Scrams with Complications



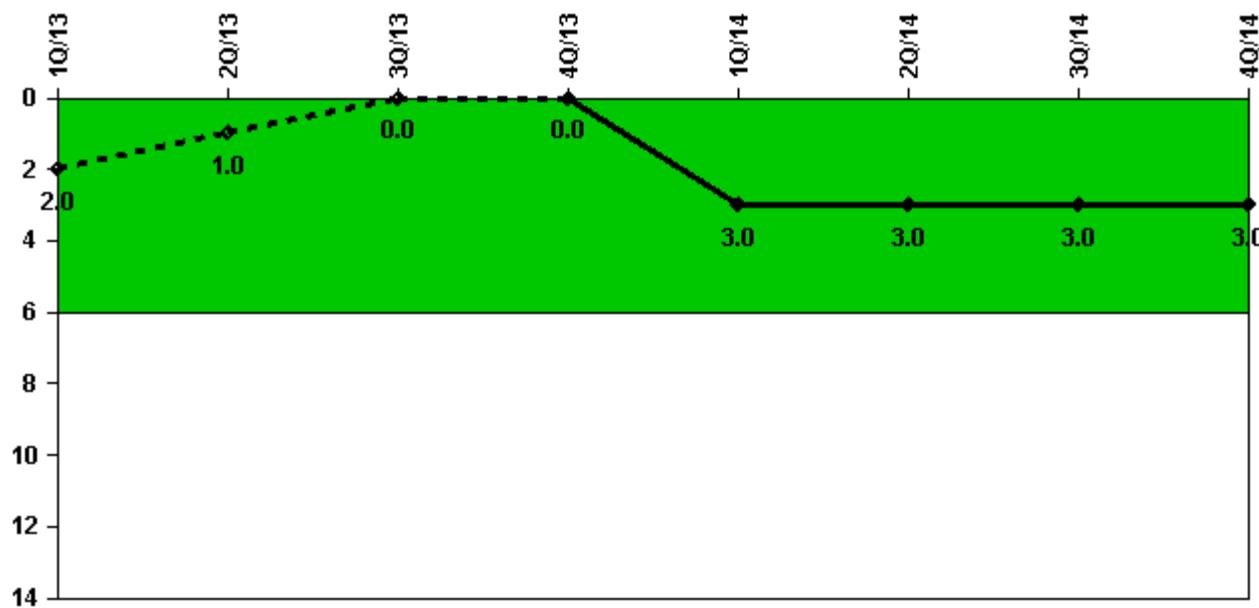
Thresholds: White > 1.0

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 (BWR)



Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Safety System Functional Failures	0	0	0	0	3	0	0	0
Indicator value	2	1	0	0	3	3	3	3

Licensee Comments:

1Q/14: (1) Licensee Event Report 237/2013-005-00, Primary Containment Inboard and Outboard Feed Water Isolation Valves Exceed LLRT Limits (2) Licensee Event Report 237/2013-006-00, LPCI Swing Bus Auto Transfer Did Not Transfer as Expected (3) Licensee Event Report 237/2013-009-00, HPCI Failed to Achieve Rated Flow Due to Failure of Stop Valve to Open

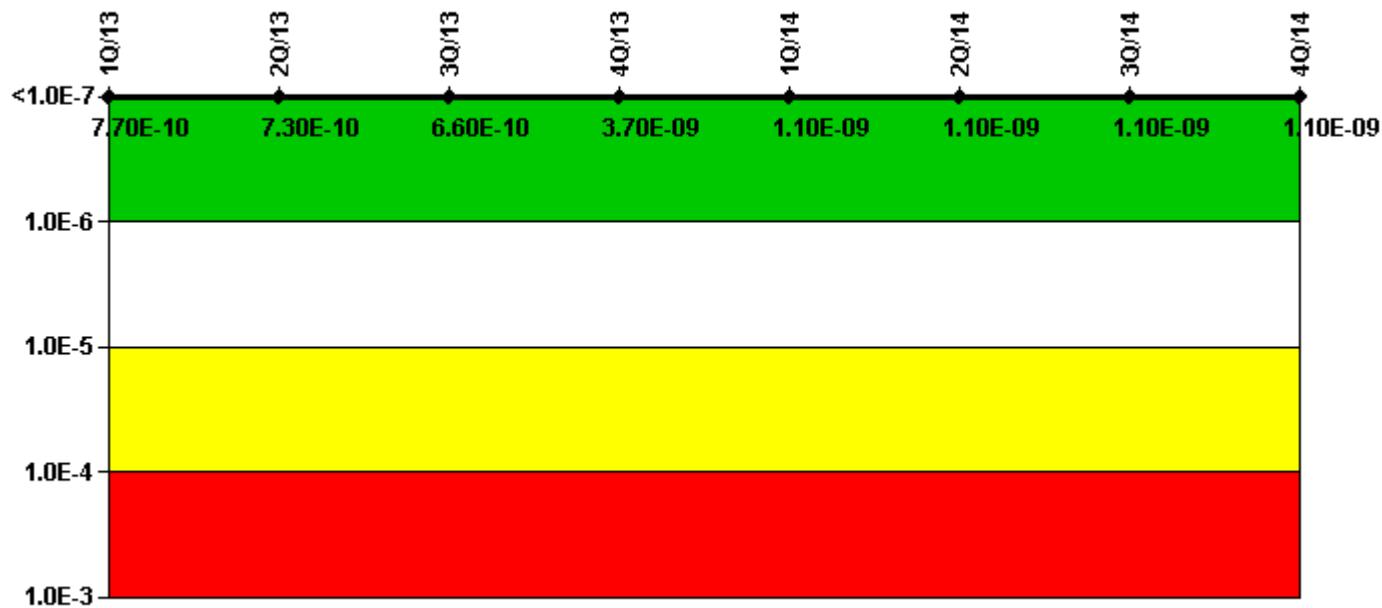
4Q/13: LER 237/2013-003-00, Secondary Containment Inoperable Due to Two Interlock Doors Being Open Simultaneously, submitted in November 2013 for Unit 2 and Unit 3 SSFF

4Q/13: SSFF value revised from 1 to 0. (Ref. LER 237-2013-003-00 as revised by supplemental LER 237-2013-003-01, dated 03-26-14)

3Q/13: SSFF value revised from 1 to 0. (Ref. LER 237-2013-001-00 as revised by supplemental LER 237-2013-001-02, dated 03-26-14)

3Q/13: Licensee Event Report 237/2013-001-00, Secondary Containment Inoperable Due to Two Interlock Doors Being Open Simultaneously, dated 8/23/13

Mitigating Systems Performance Index, Emergency AC Power System



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

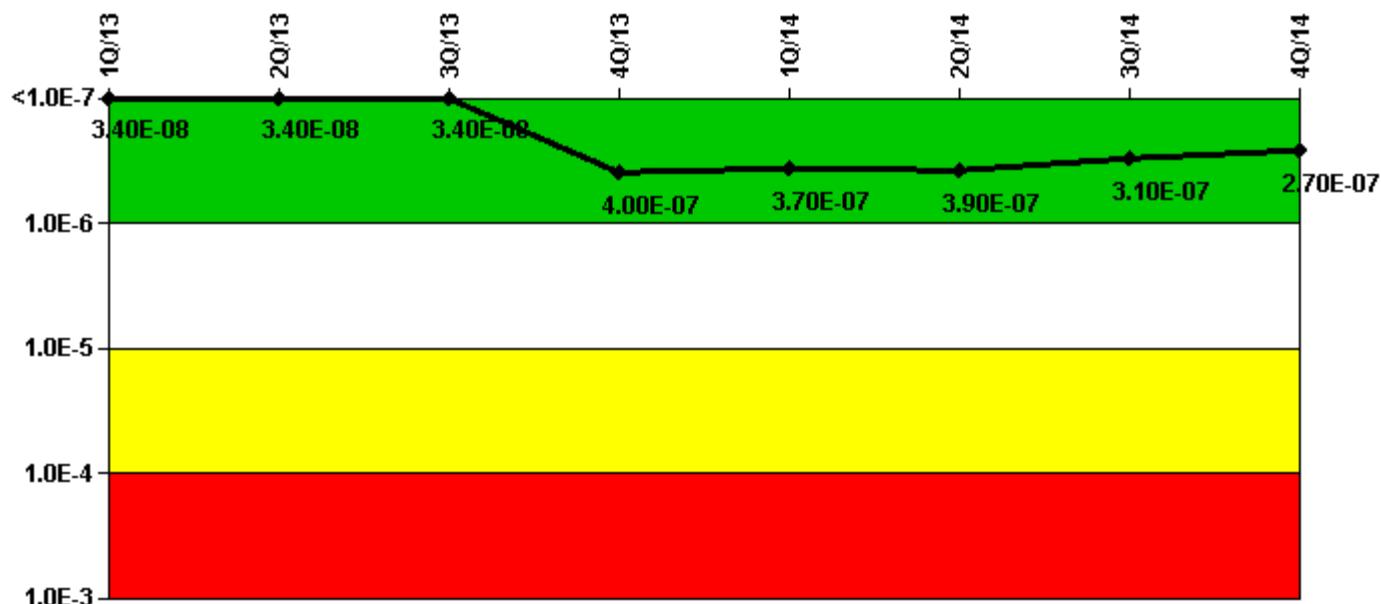
Notes

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)	$1.17E-09$	$1.14E-09$	$1.06E-09$	$1.25E-09$	$3.66E-10$	$3.53E-10$	$5.96E-11$	$-2.38E-11$
URI (Δ CDF)	$-4.02E-10$	$-4.13E-10$	$-4.04E-10$	$2.49E-09$	$7.23E-10$	$7.51E-10$	$1.09E-09$	$1.08E-09$
PLE	NO							
Indicator value	$7.70E-10$	$7.30E-10$	$6.60E-10$	$3.70E-09$	$1.10E-09$	$1.10E-09$	$1.10E-09$	$1.10E-09$

Licensee Comments:

1Q/14: 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

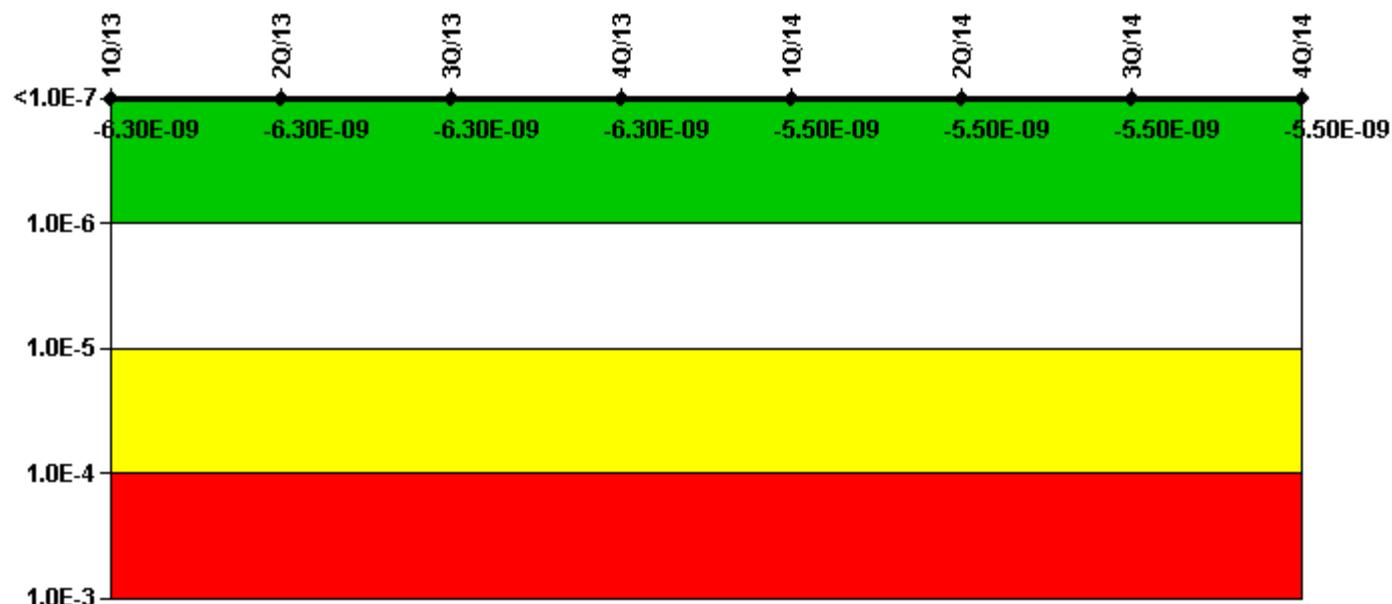
Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
UAI (Δ CDF)	9.92E-08	9.92E-08	9.92E-08	1.93E-07	1.66E-07	1.83E-07	1.09E-07	6.97E-08
URI (Δ CDF)	-6.55E-08	-6.55E-08	-6.55E-08	2.04E-07	2.04E-07	2.04E-07	2.04E-07	2.04E-07
PLE	NO							
Indicator value	3.40E-08	3.40E-08	3.40E-08	4.00E-07	3.70E-07	3.90E-07	3.10E-07	2.70E-07

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



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

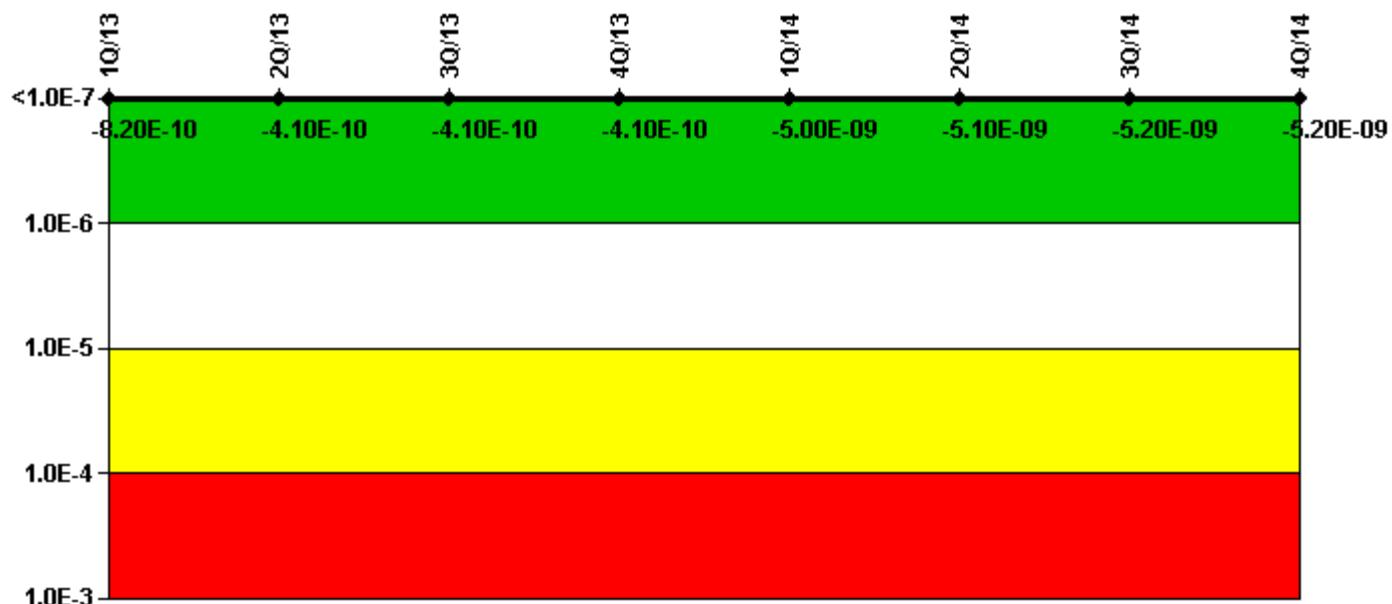
Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
UAI (Δ CDF)	-6.24E-09	-6.24E-09	-6.24E-09	-6.24E-09	-5.43E-09	-5.43E-09	-5.43E-09	-5.43E-09
URI (Δ CDF)	-9.92E-11	-9.92E-11	-9.92E-11	-9.92E-11	-1.01E-10	-1.01E-10	-1.01E-10	-1.01E-10
PLE	NO							
Indicator value	-6.30E-09	-6.30E-09	-6.30E-09	-6.30E-09	-5.50E-09	-5.50E-09	-5.50E-09	-5.50E-09

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System



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

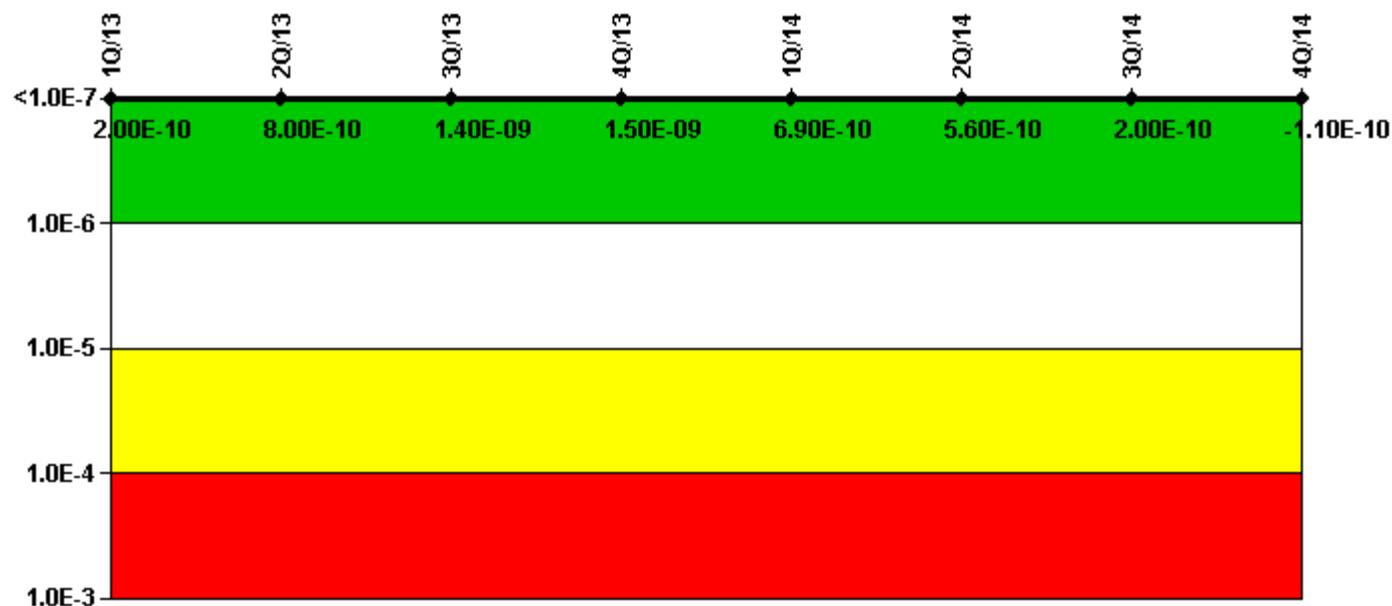
Notes

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)	-3.06E-10	1.16E-10	1.16E-10	1.58E-10	-1.40E-09	-1.40E-09	-1.40E-09	-1.40E-09
URI (Δ CDF)	-5.17E-10	-5.23E-10	-5.28E-10	-5.65E-10	-3.58E-09	-3.67E-09	-3.78E-09	-3.84E-09
PLE	NO							
Indicator value	-8.20E-10	-4.10E-10	-4.10E-10	-4.10E-10	-5.00E-09	-5.10E-09	-5.20E-09	-5.20E-09

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



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

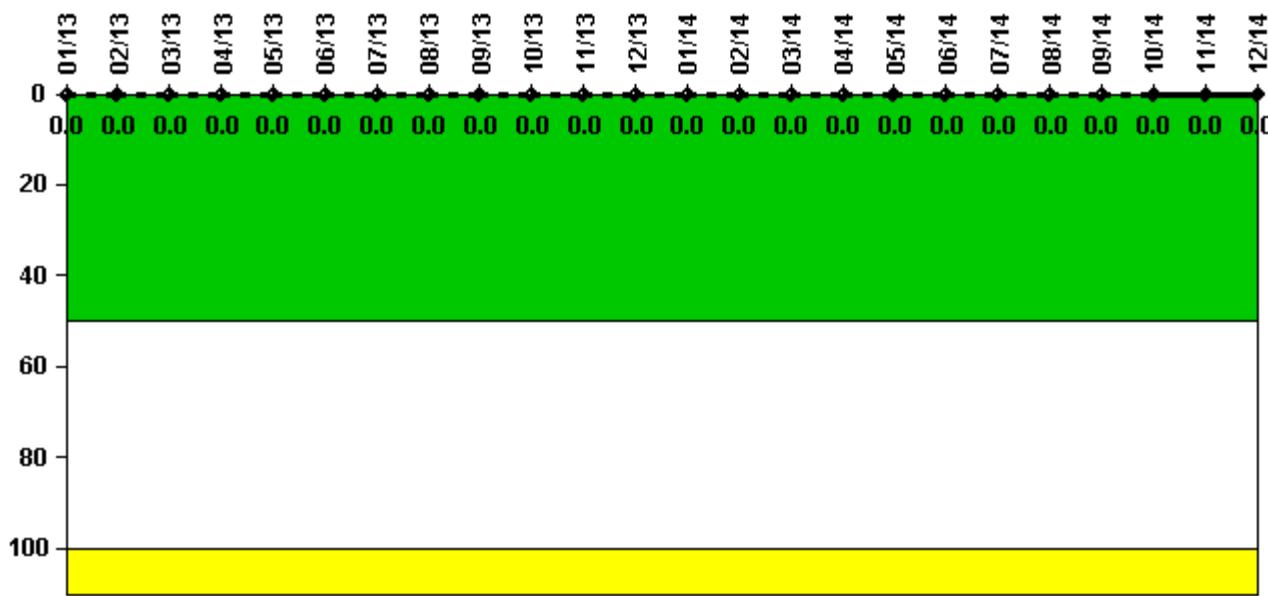
Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
UAI (Δ CDF)	2.16E-10	8.07E-10	1.45E-09	1.50E-09	7.19E-10	5.92E-10	2.27E-10	-8.03E-11
URI (Δ CDF)	-1.09E-11	-1.09E-11	-1.09E-11	-1.15E-11	-2.84E-11	-2.79E-11	-2.79E-11	-2.74E-11
PLE	NO							
Indicator value	2.00E-10	8.00E-10	1.40E-09	1.50E-09	6.90E-10	5.60E-10	2.00E-10	-1.10E-10

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Reactor Coolant System Activity



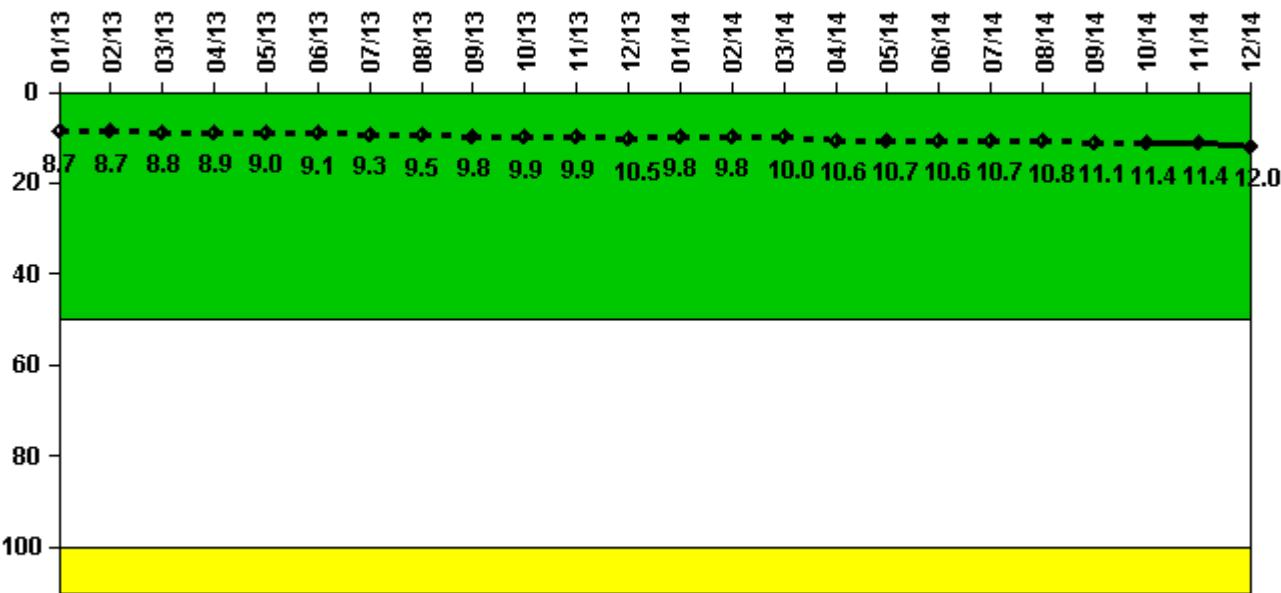
Thresholds: White > 50.0 Yellow > 100.0

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	0.000003	0.000005	0.000005	0.000011	0.000006	0.000018	0.000003	0.000003	0.000009	0.000015	0.000009	0.000005
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	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	0.000014	0.000005	0.000018	0.000027	0.000011	0.000005	0.000006	0.000005	0.000007	0.000011	0.000006	0.000008
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



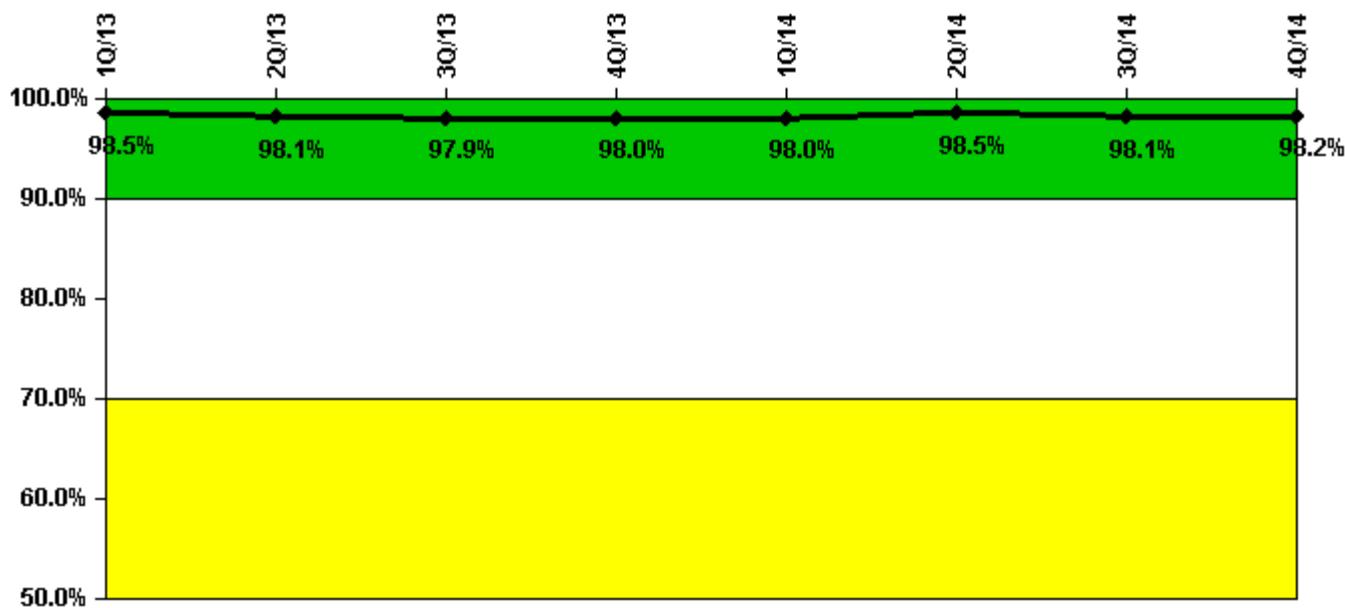
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/13	2/13	3/13	4/13	5/13	6/13	7/13	8/13	9/13	10/13	11/13	12/13
Maximum leakage	2.170	2.173	2.203	2.237	2.260	2.278	2.327	2.365	2.438	2.470	2.485	2.618
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	8.7	8.7	8.8	8.9	9.0	9.1	9.3	9.5	9.8	9.9	9.9	10.5
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	2.448	2.438	2.508	2.640	2.670	2.643	2.672	2.712	2.775	2.840	2.840	3.003
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	9.8	9.8	10.0	10.6	10.7	10.6	10.7	10.8	11.1	11.4	11.4	12.0

Licensee Comments: none

Drill/Exercise Performance



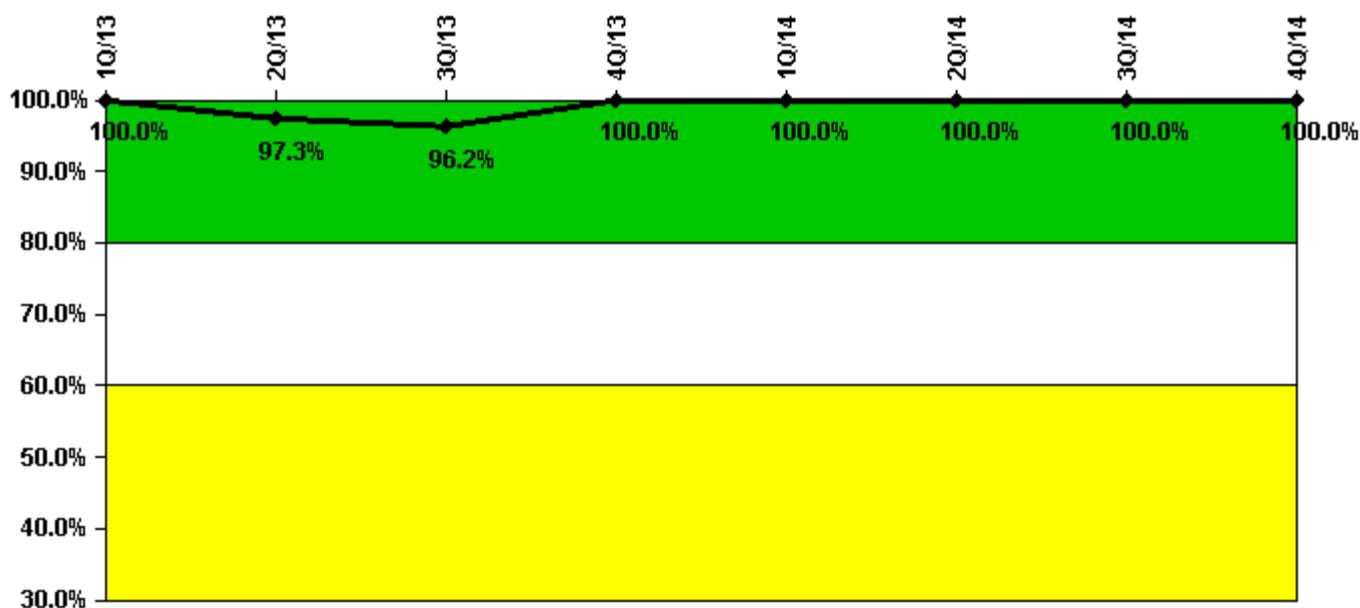
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Successful opportunities	58.0	32.0	36.0	34.0	42.0	79.0	61.0	40.0
Total opportunities	61.0	33.0	36.0	34.0	42.0	80.0	63.0	40.0
Indicator value	98.5%	98.1%	97.9%	98.0%	98.0%	98.5%	98.1%	98.2%

Licensee Comments: none

ERO Drill Participation



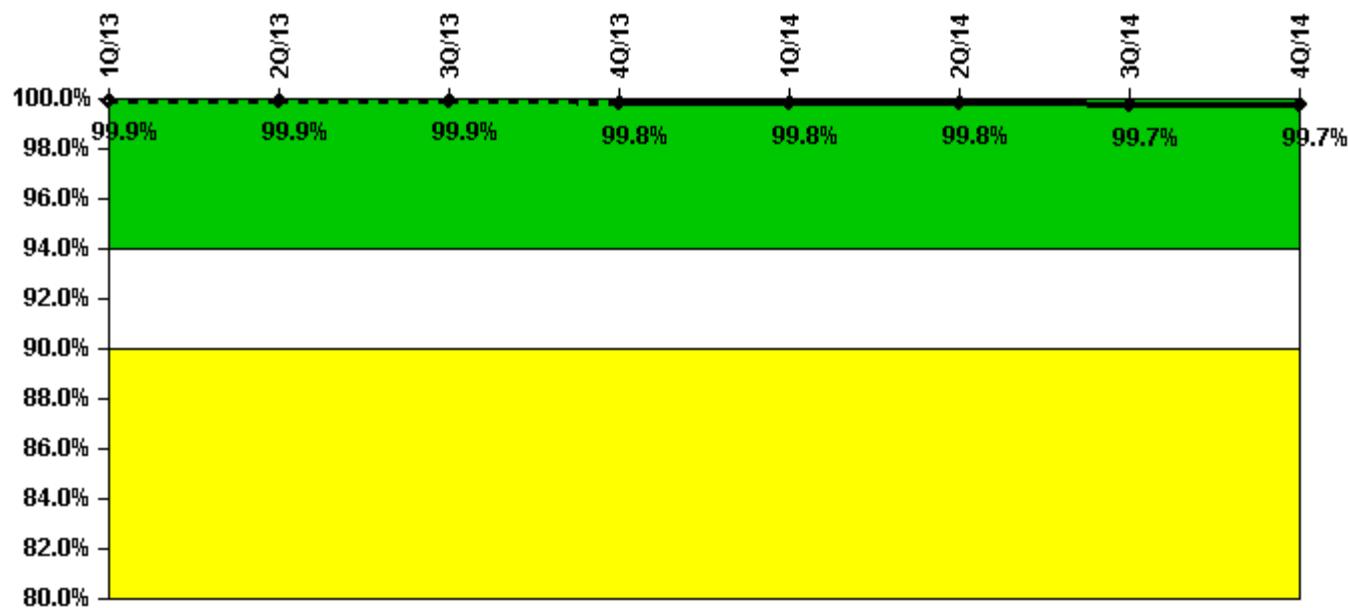
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Participating Key personnel	72.0	71.0	76.0	80.0	76.0	78.0	78.0	80.0
Total Key personnel	72.0	73.0	79.0	80.0	76.0	78.0	78.0	80.0
Indicator value	100.0%	97.3%	96.2%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



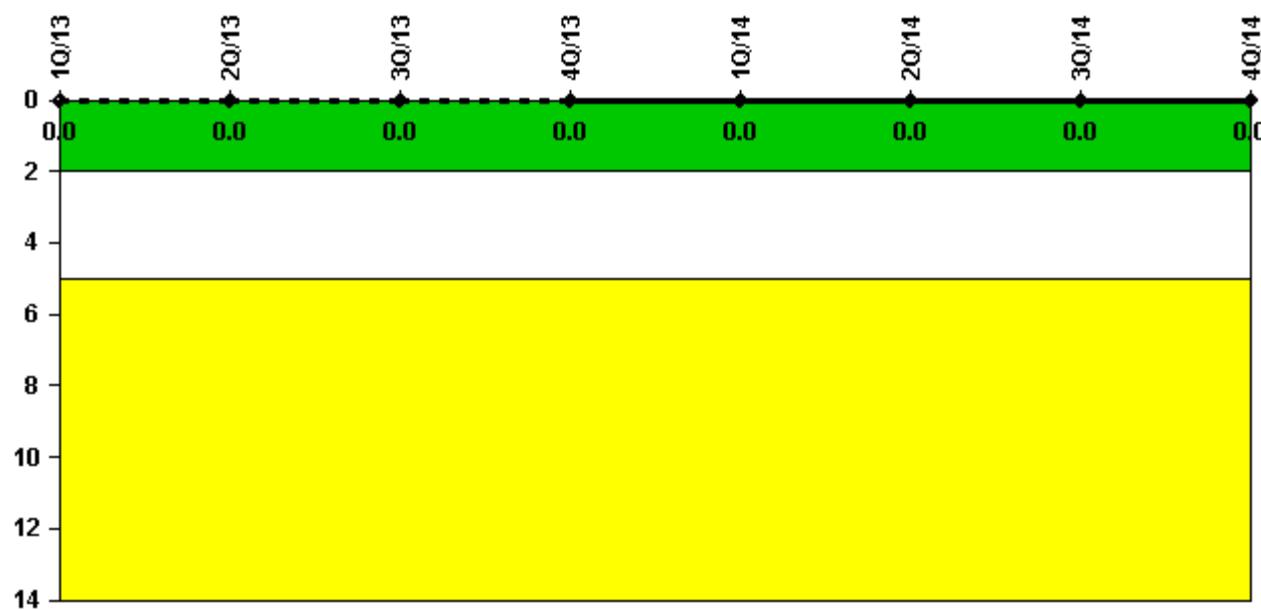
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Successful siren-tests	2942	2938	2939	2933	2935	2939	2928	2940
Total sirens-tests	2944	2944	2944	2944	2940	2944	2944	2944
Indicator value	99.9%	99.9%	99.9%	99.8%	99.8%	99.8%	99.7%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



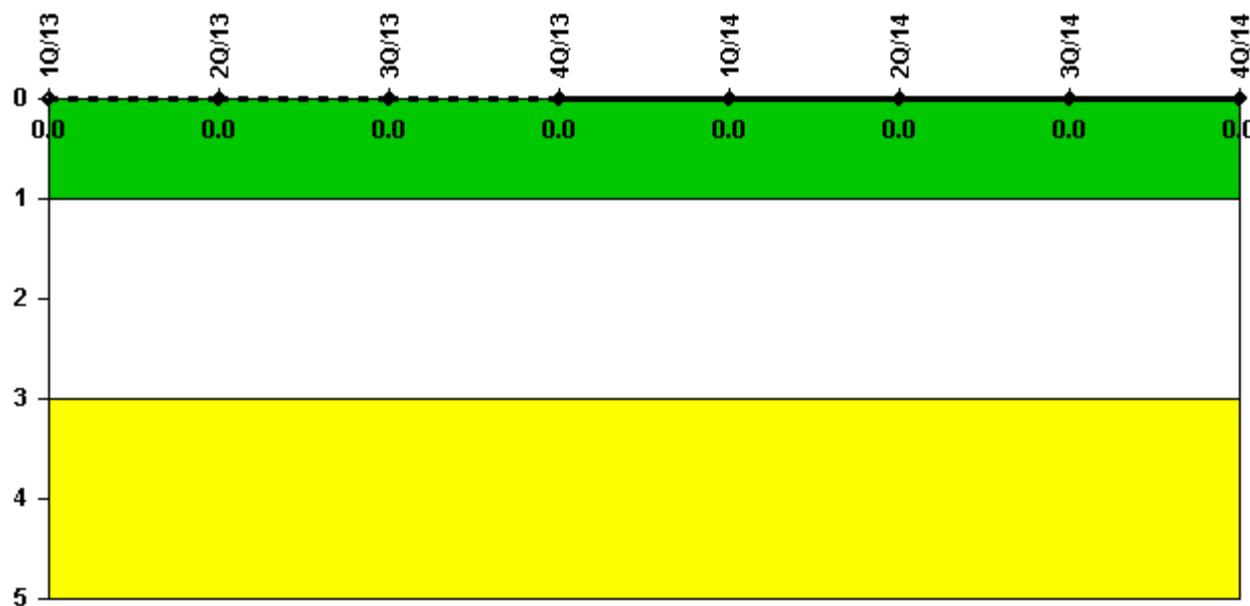
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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

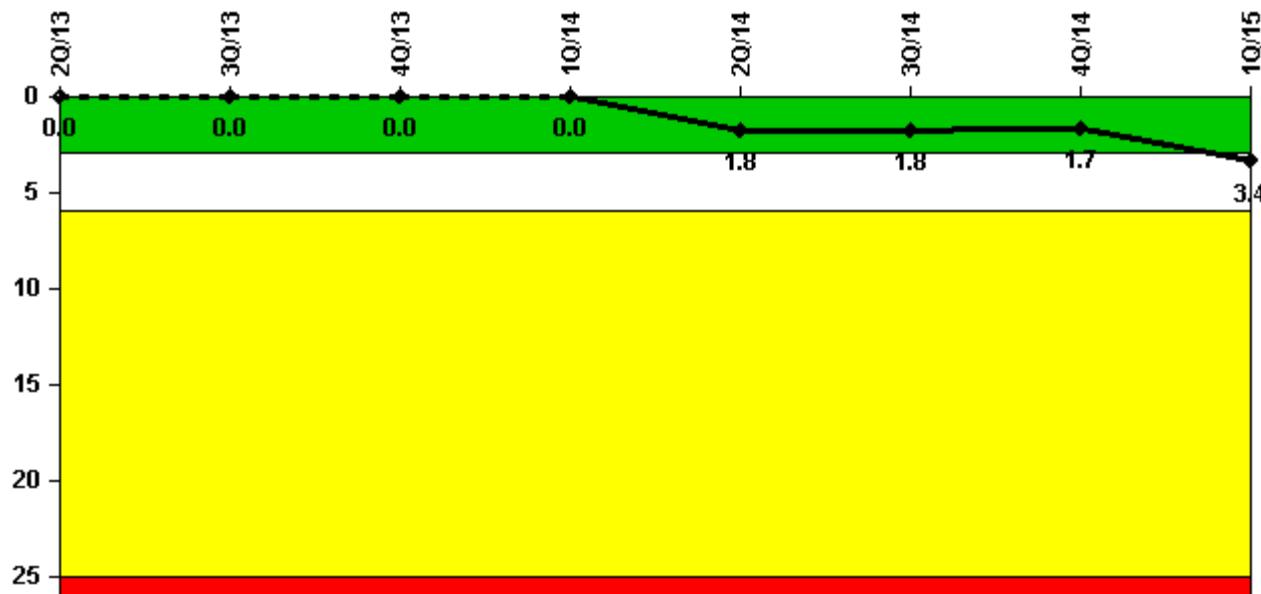
Dresden 2

1Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



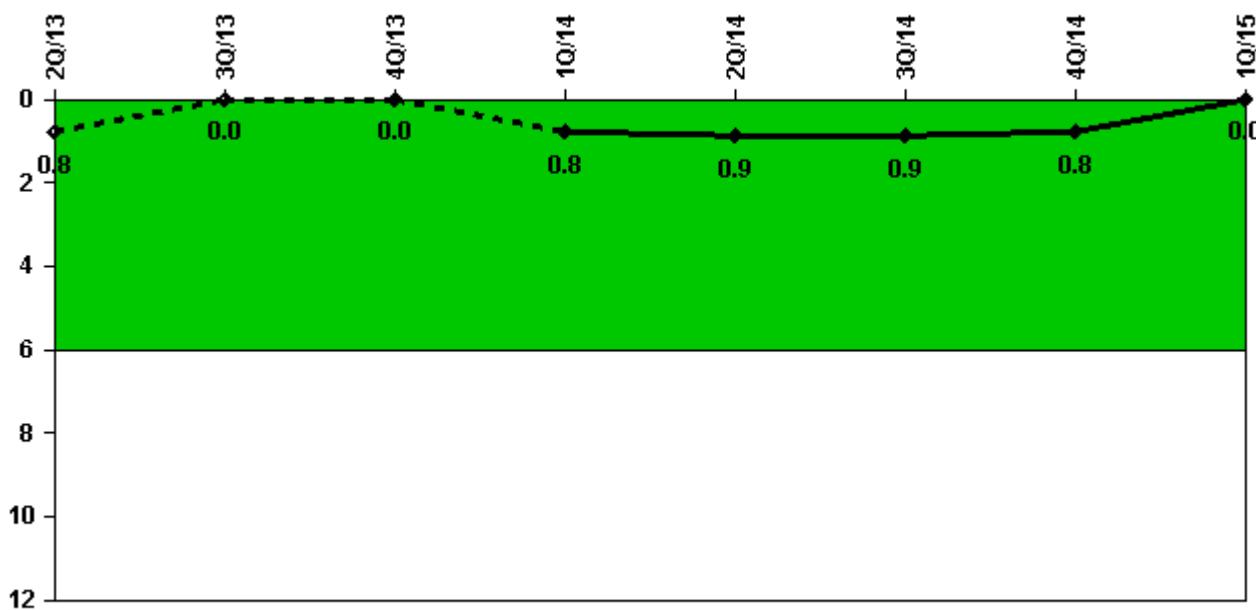
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Unplanned scrams	0	0	0	0	2.0	0	0	2.0
Critical hours	2184.0	2208.0	1781.2	2159.0	1822.7	2208.0	2209.0	1998.0
Indicator value	0	0	0	0	1.8	1.8	1.7	3.4

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



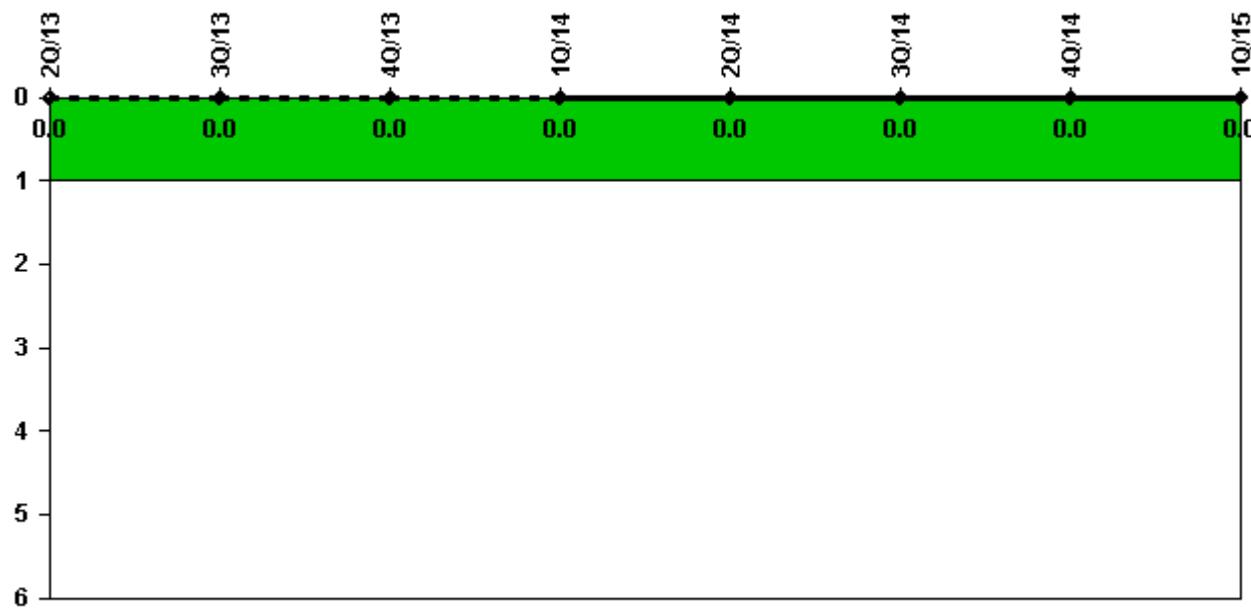
Thresholds: White > 6.0

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	0	1.0	0	0	0	0
Critical hours	2184.0	2208.0	1781.2	2159.0	1822.7	2208.0	2209.0	1998.0
Indicator value	0.8	0	0	0.8	0.9	0.9	0.8	0

Licensee Comments: none

Unplanned Scrams with Complications



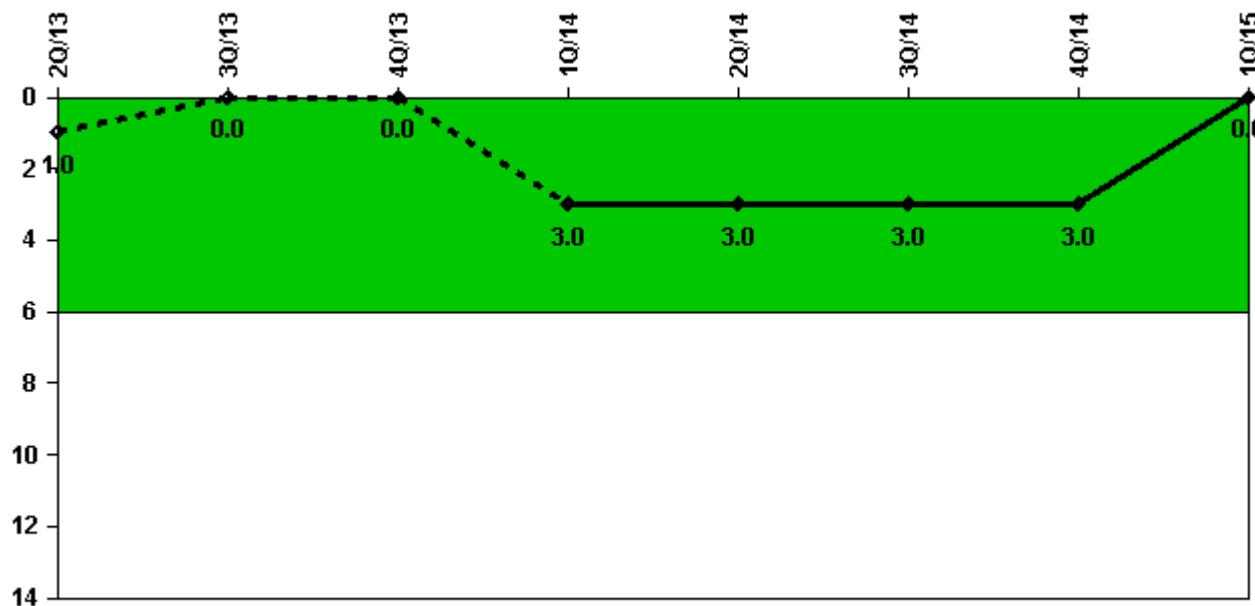
Thresholds: White > 1.0

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 (BWR)



Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Safety System Functional Failures	0	0	0	3	0	0	0	0
Indicator value	1	0	0	3	3	3	3	0

Licensee Comments:

1Q/14: (1) Licensee Event Report 237/2013-005-00, Primary Containment Inboard and Outboard Feed Water Isolation Valves Exceed LLRT Limits (2) Licensee Event Report 237/2013-006-00, LPCI Swing Bus Auto Transfer Did Not Transfer as Expected (3) Licensee Event Report 237/2013-009-00, HPCI Failed to Achieve Rated Flow Due to Failure of Stop Valve to Open

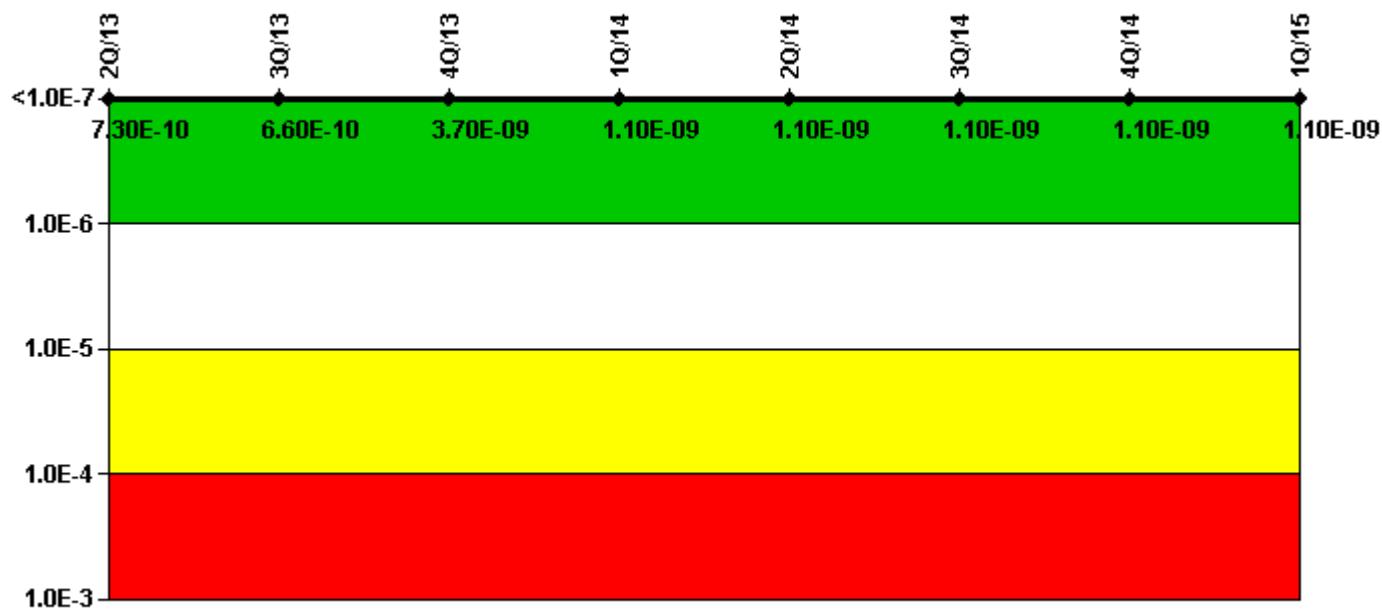
4Q/13: LER 237/2013-003-00, Secondary Containment Inoperable Due to Two Interlock Doors Being Open Simultaneously, submitted in November 2013 for Unit 2 and Unit 3 SSFF

4Q/13: SSFF value revised from 1 to 0. (Ref. LER 237-2013-003-00 as revised by supplemental LER 237-2013-003-01, dated 03-26-14)

3Q/13: SSFF value revised from 1 to 0. (Ref. LER 237-2013-001-00 as revised by supplemental LER 237-2013-001-02, dated 03-26-14)

3Q/13: Licensee Event Report 237/2013-001-00, Secondary Containment Inoperable Due to Two Interlock Doors Being Open Simultaneously, dated 8/23/13

Mitigating Systems Performance Index, Emergency AC Power System



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

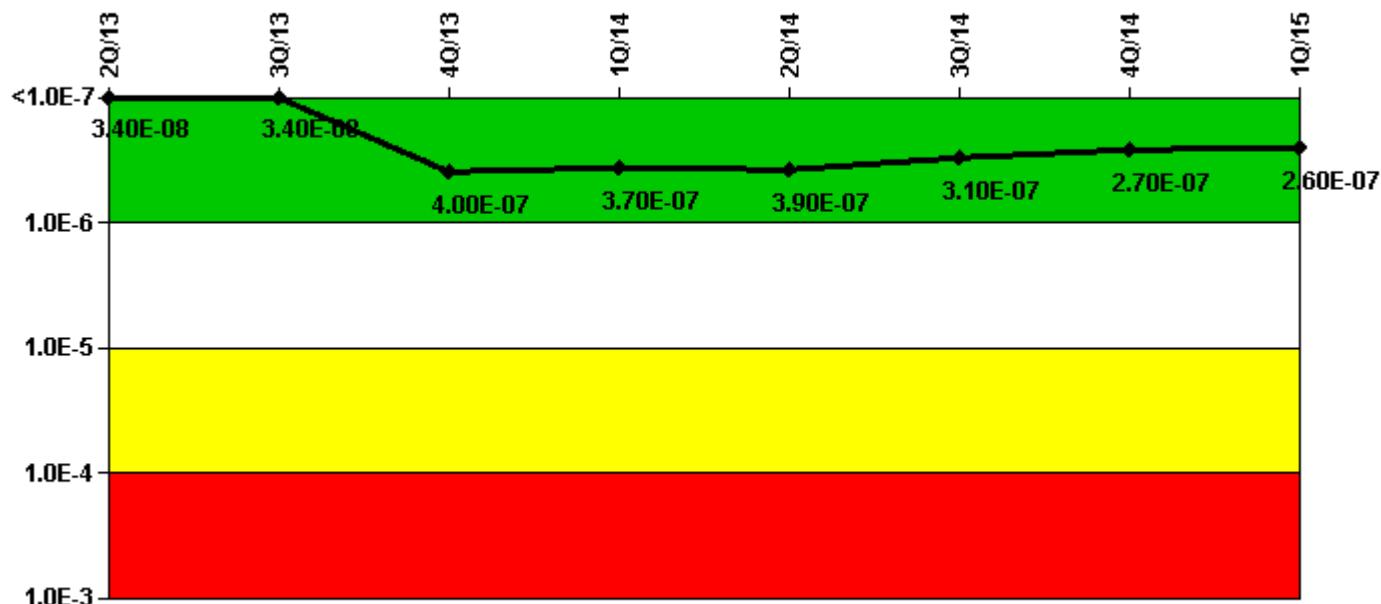
Notes

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)	1.14E-09	1.06E-09	1.25E-09	3.66E-10	3.53E-10	5.96E-11	-2.38E-11	1.75E-11
URI (Δ CDF)	-4.13E-10	-4.04E-10	2.49E-09	7.23E-10	7.51E-10	1.09E-09	1.08E-09	1.07E-09
PLE	NO							
Indicator value	7.30E-10	6.60E-10	3.70E-09	1.10E-09	1.10E-09	1.10E-09	1.10E-09	1.10E-09

Licensee Comments:

1Q/14: 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

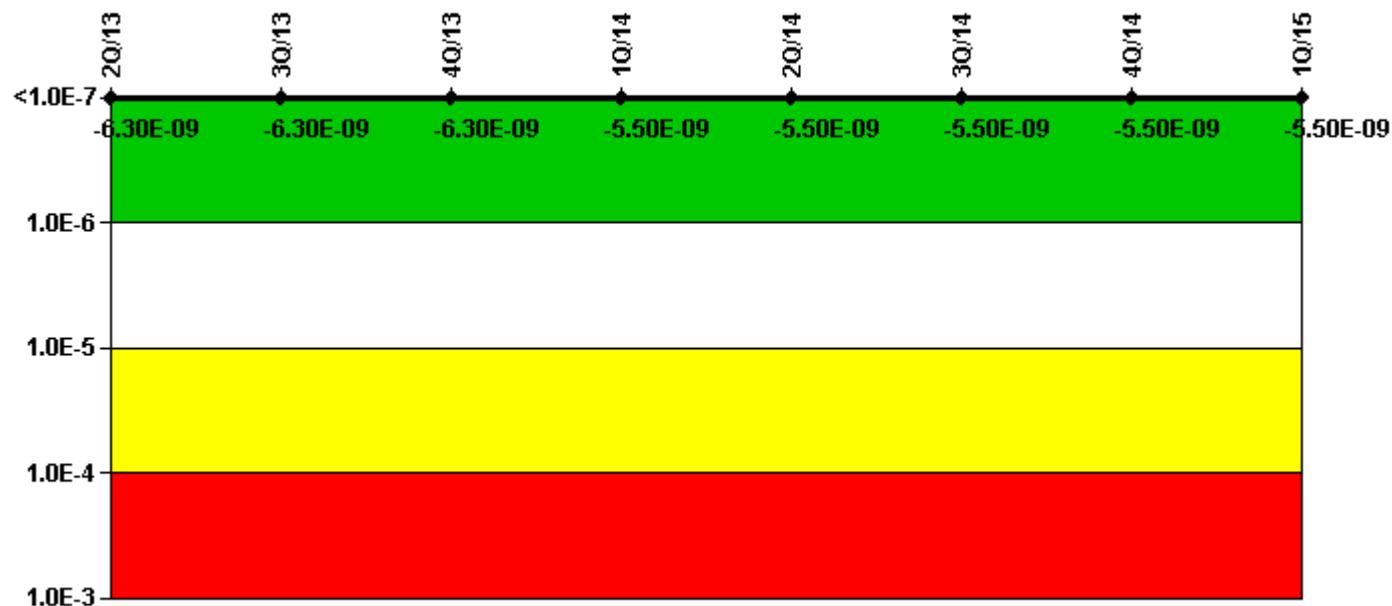
Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
UAI (Δ CDF)	9.92E-08	9.92E-08	1.93E-07	1.66E-07	1.83E-07	1.09E-07	6.97E-08	6.76E-08
URI (Δ CDF)	-6.55E-08	-6.55E-08	2.04E-07	2.04E-07	2.04E-07	2.04E-07	2.04E-07	1.97E-07
PLE	NO							
Indicator value	3.40E-08	3.40E-08	4.00E-07	3.70E-07	3.90E-07	3.10E-07	2.70E-07	2.60E-07

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



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

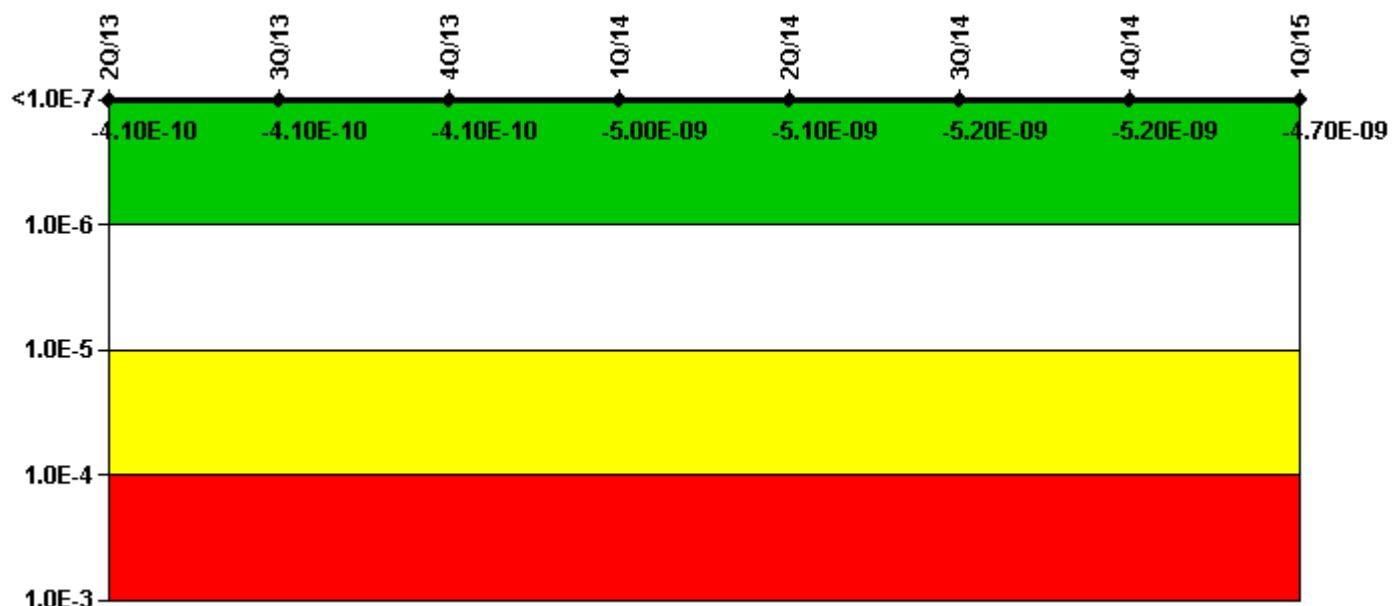
Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
UAI (Δ CDF)	-6.24E-09	-6.24E-09	-6.24E-09	-5.43E-09	-5.43E-09	-5.43E-09	-5.43E-09	-5.43E-09
URI (Δ CDF)	-9.92E-11	-9.92E-11	-9.92E-11	-1.01E-10	-1.01E-10	-1.01E-10	-1.01E-10	-1.01E-10
PLE	NO							
Indicator value	-6.30E-09	-6.30E-09	-6.30E-09	-5.50E-09	-5.50E-09	-5.50E-09	-5.50E-09	-5.50E-09

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System



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

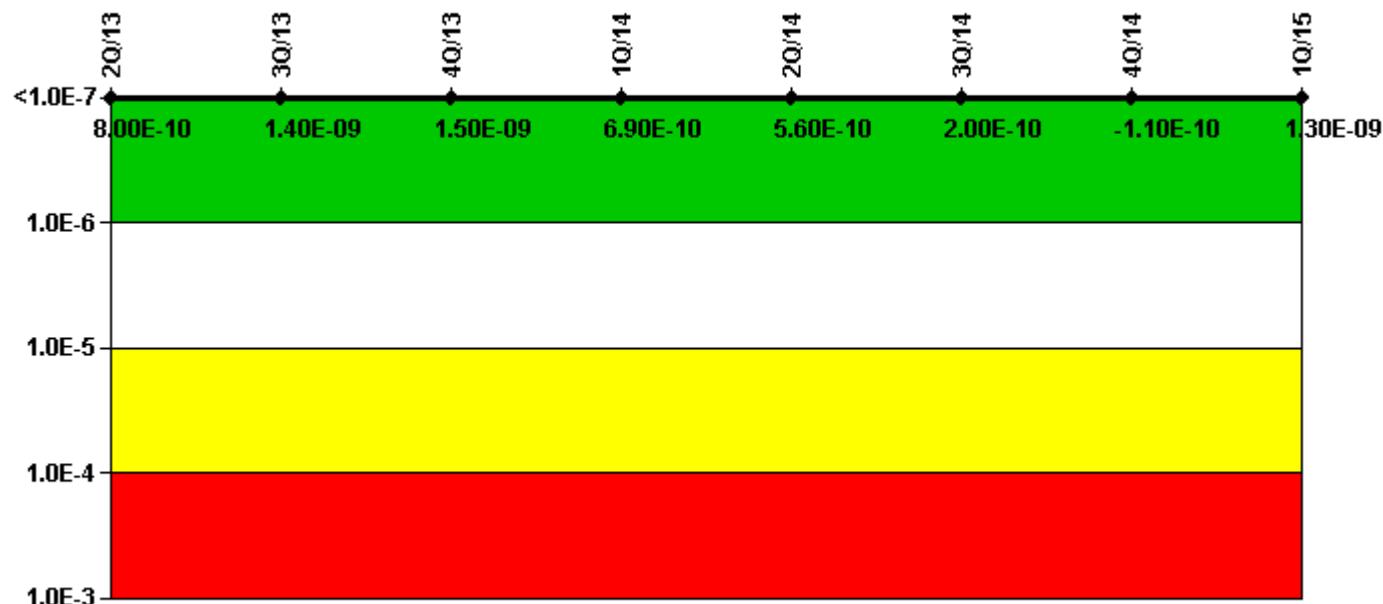
Notes

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)	1.16E-10	1.16E-10	1.58E-10	-1.40E-09	-1.40E-09	-1.40E-09	-1.40E-09	-7.19E-10
URI (Δ CDF)	-5.23E-10	-5.28E-10	-5.65E-10	-3.58E-09	-3.67E-09	-3.78E-09	-3.84E-09	-3.96E-09
PLE	NO							
Indicator value	-4.10E-10	-4.10E-10	-4.10E-10	-5.00E-09	-5.10E-09	-5.20E-09	-5.20E-09	-4.70E-09

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



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

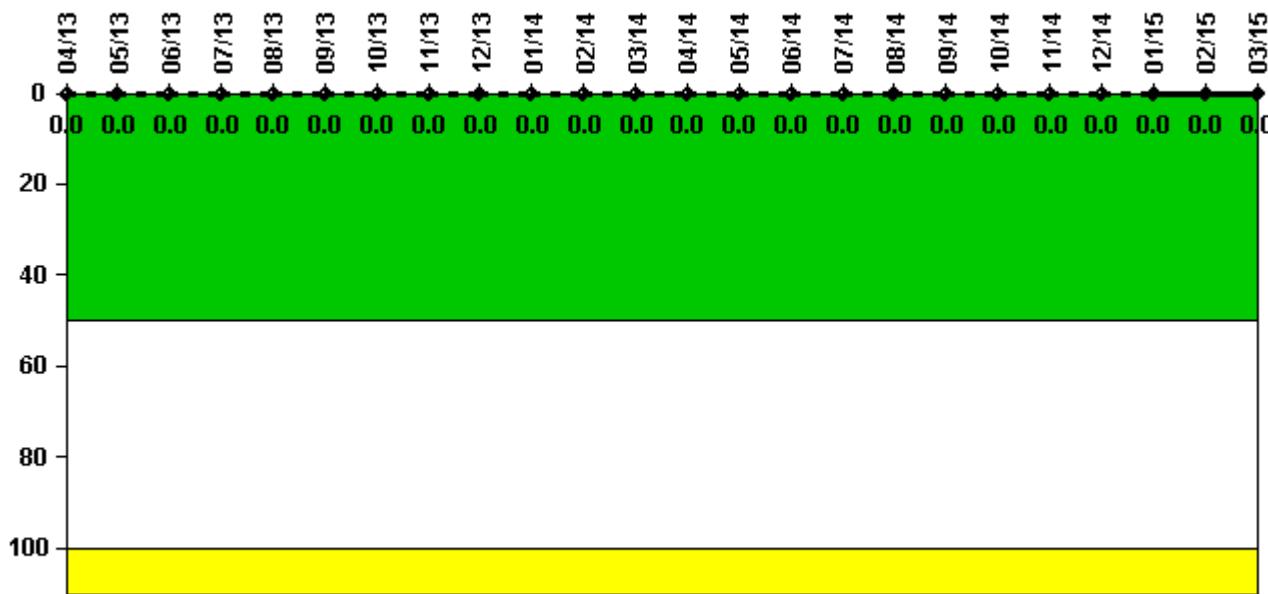
Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
UAI (Δ CDF)	8.07E-10	1.45E-09	1.50E-09	7.19E-10	5.92E-10	2.27E-10	-8.03E-11	1.36E-09
URI (Δ CDF)		-1.09E-11	-1.09E-11	-1.15E-11	-2.84E-11	-2.79E-11	-2.79E-11	-2.74E-11
PLE	NO	NO						
Indicator value	8.00E-10	1.40E-09	1.50E-09	6.90E-10	5.60E-10	2.00E-10	-1.10E-10	1.30E-09

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

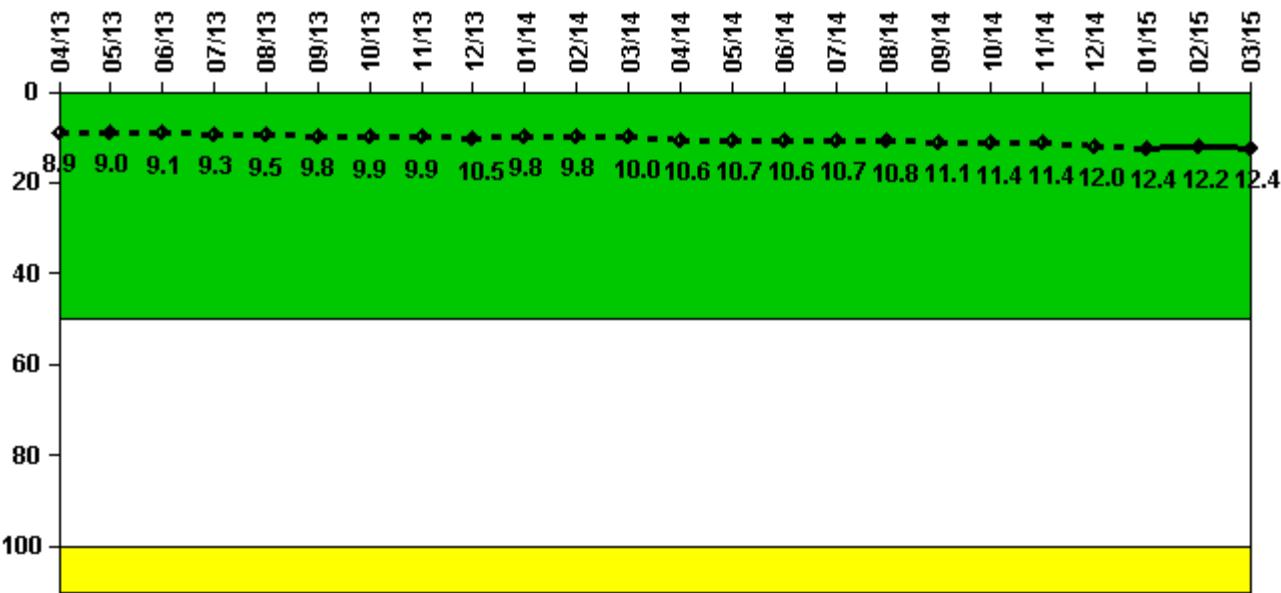
Notes

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	0.000011	0.000006	0.000018	0.000003	0.000003	0.000009	0.000015	0.000009	0.000005	0.000014	0.000005	0.000018
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	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	0.000027	0.000011	0.000005	0.000006	0.000005	0.000007	0.000011	0.000006	0.000008	0.000005	0.000007	0.000008
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



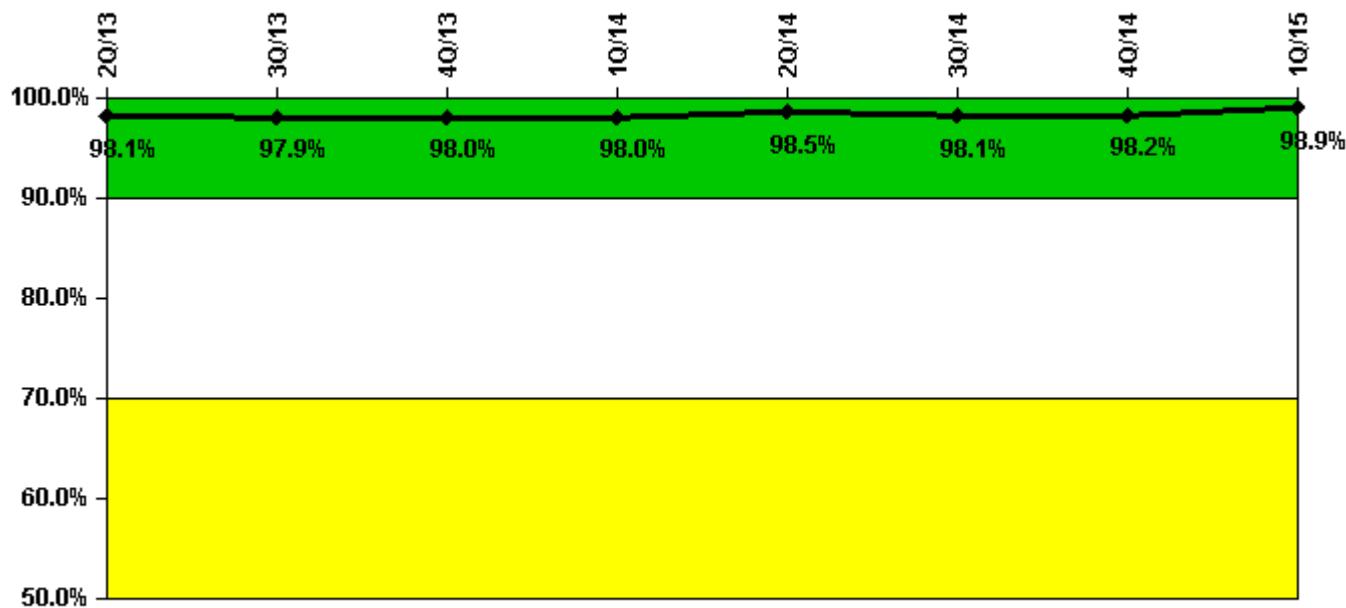
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/13	5/13	6/13	7/13	8/13	9/13	10/13	11/13	12/13	1/14	2/14	3/14
Maximum leakage	2.237	2.260	2.278	2.327	2.365	2.438	2.470	2.485	2.618	2.448	2.438	2.508
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	8.9	9.0	9.1	9.3	9.5	9.8	9.9	9.9	10.5	9.8	9.8	10.0
Reactor Coolant System Leakage	4/14	5/14	6/14	7/14	8/14	9/14	10/14	11/14	12/14	1/15	2/15	3/15
Maximum leakage	2.640	2.670	2.643	2.672	2.712	2.775	2.840	2.840	3.003	3.093	3.042	3.095
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	10.6	10.7	10.6	10.7	10.8	11.1	11.4	11.4	12.0	12.4	12.2	12.4

Licensee Comments: none

Drill/Exercise Performance



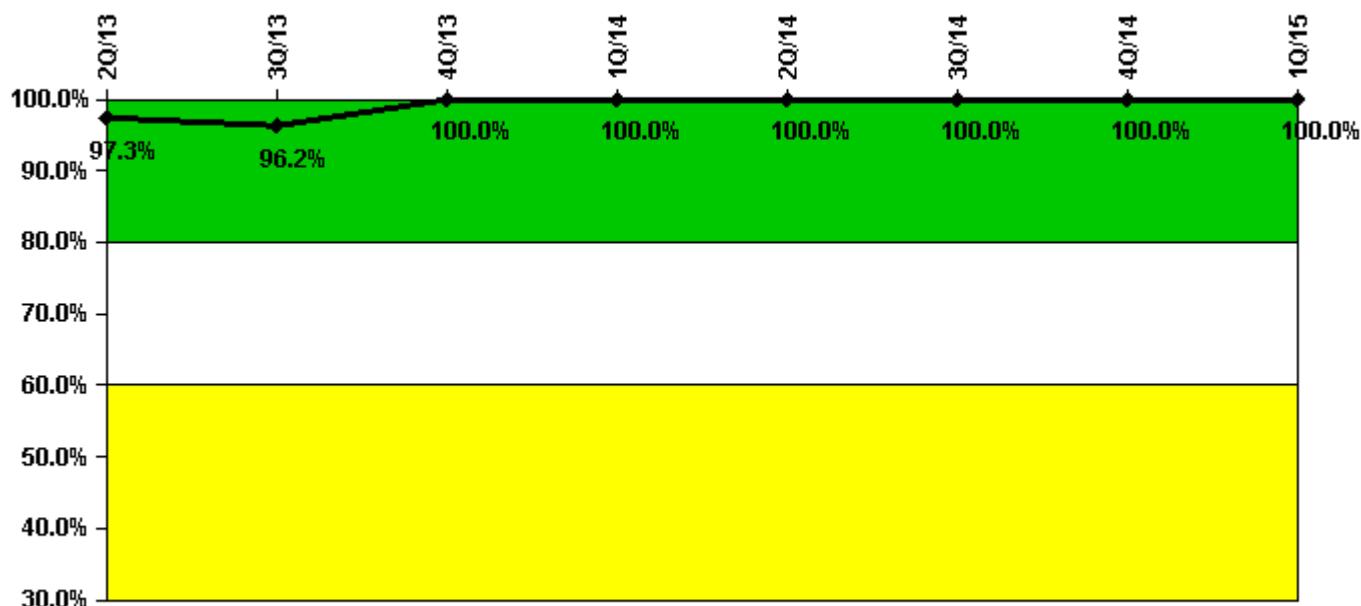
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Successful opportunities	32.0	36.0	34.0	42.0	79.0	61.0	40.0	48.0
Total opportunities	33.0	36.0	34.0	42.0	80.0	63.0	40.0	48.0
Indicator value	98.1%	97.9%	98.0%	98.0%	98.5%	98.1%	98.2%	98.9%

Licensee Comments: none

ERO Drill Participation



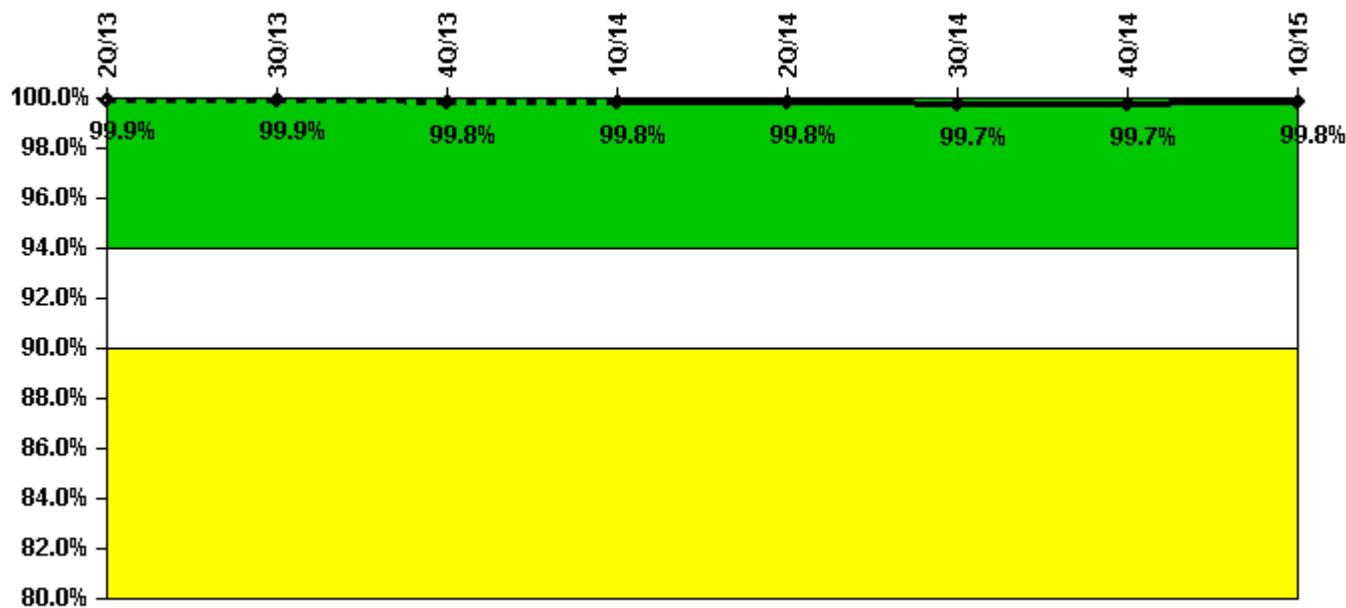
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Participating Key personnel	71.0	76.0	80.0	76.0	78.0	78.0	80.0	74.0
Total Key personnel	73.0	79.0	80.0	76.0	78.0	78.0	80.0	74.0
Indicator value	97.3%	96.2%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



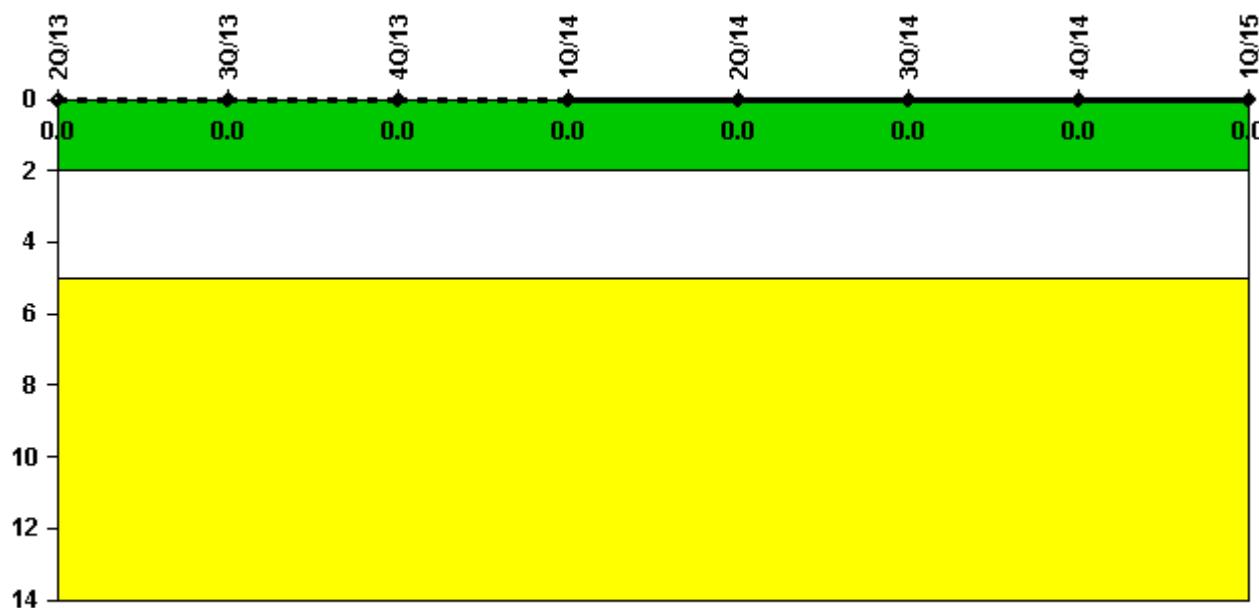
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Successful siren-tests	2938	2939	2933	2935	2939	2928	2940	2895
Total sirens-tests	2944	2944	2944	2940	2944	2944	2944	2898
Indicator value	99.9%	99.9%	99.8%	99.8%	99.8%	99.7%	99.7%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness

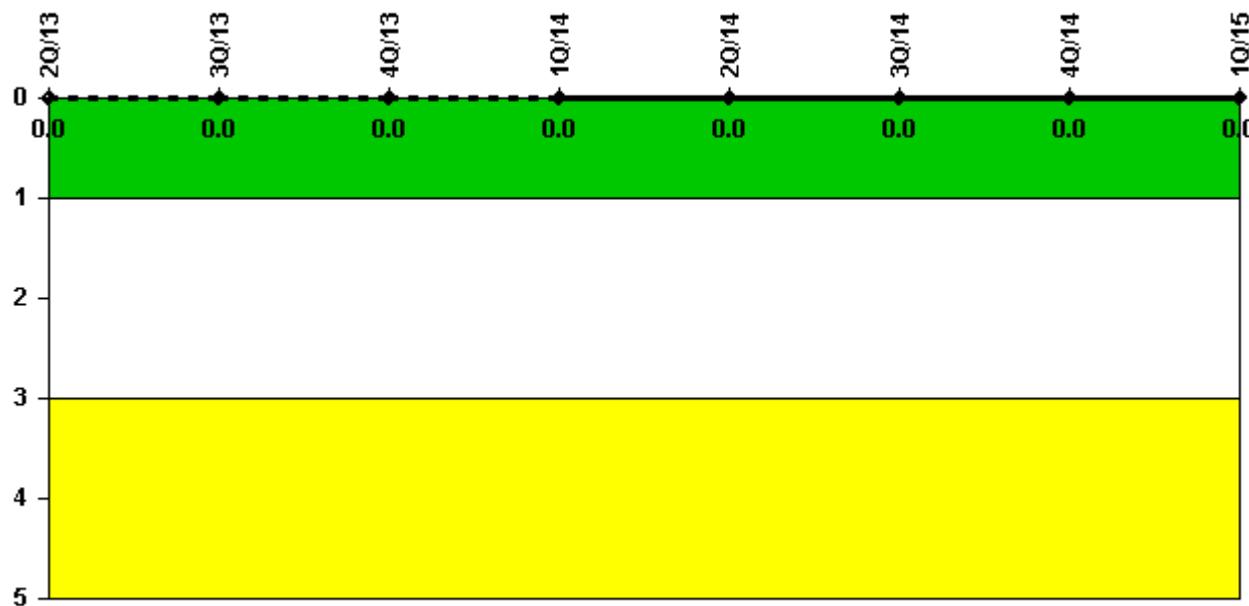


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/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

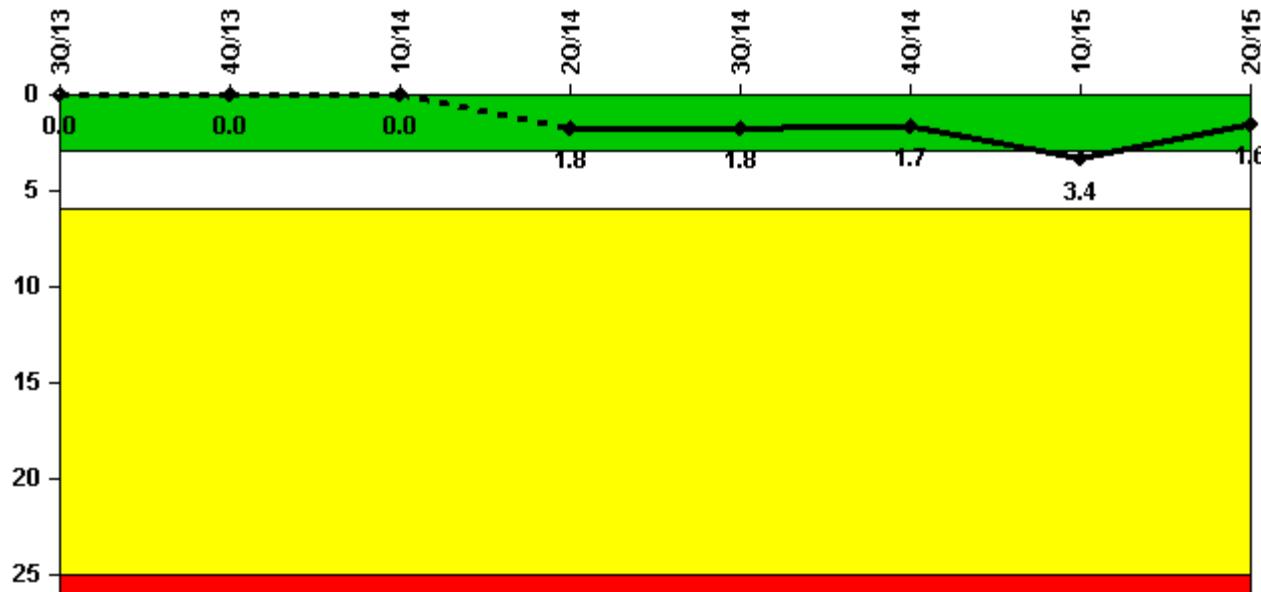
Dresden 2

2Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



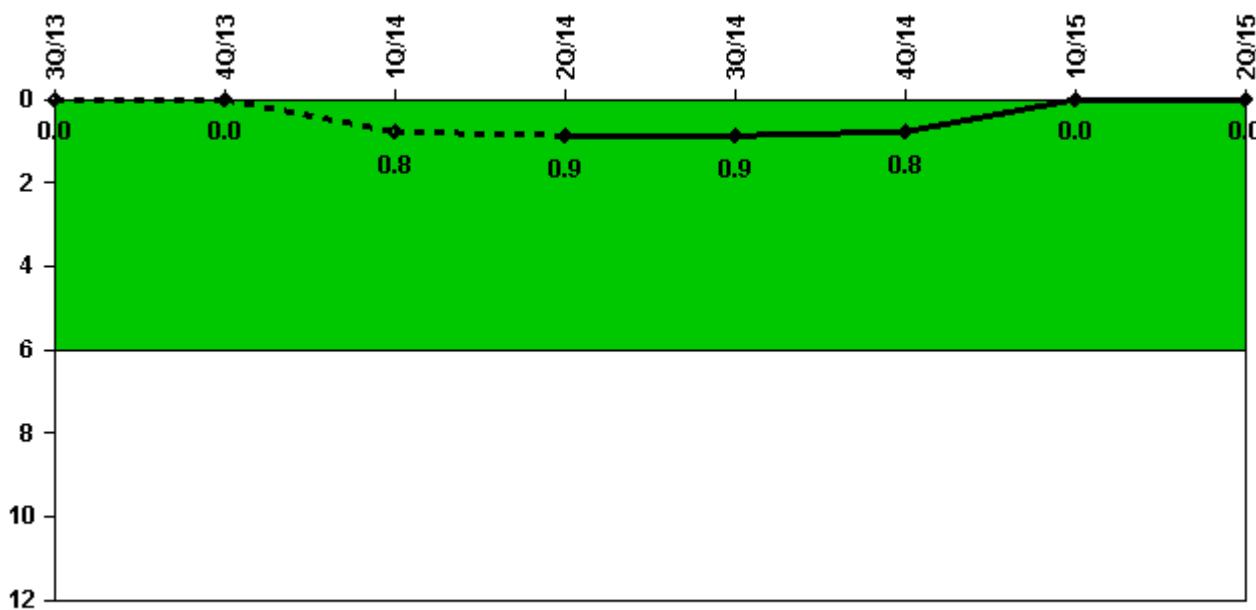
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Unplanned scrams	0	0	0	2.0	0	0	2.0	0
Critical hours	2208.0	1781.2	2159.0	1822.7	2208.0	2209.0	1998.0	2184.0
Indicator value	0	0	0	1.8	1.8	1.7	3.4	1.6

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



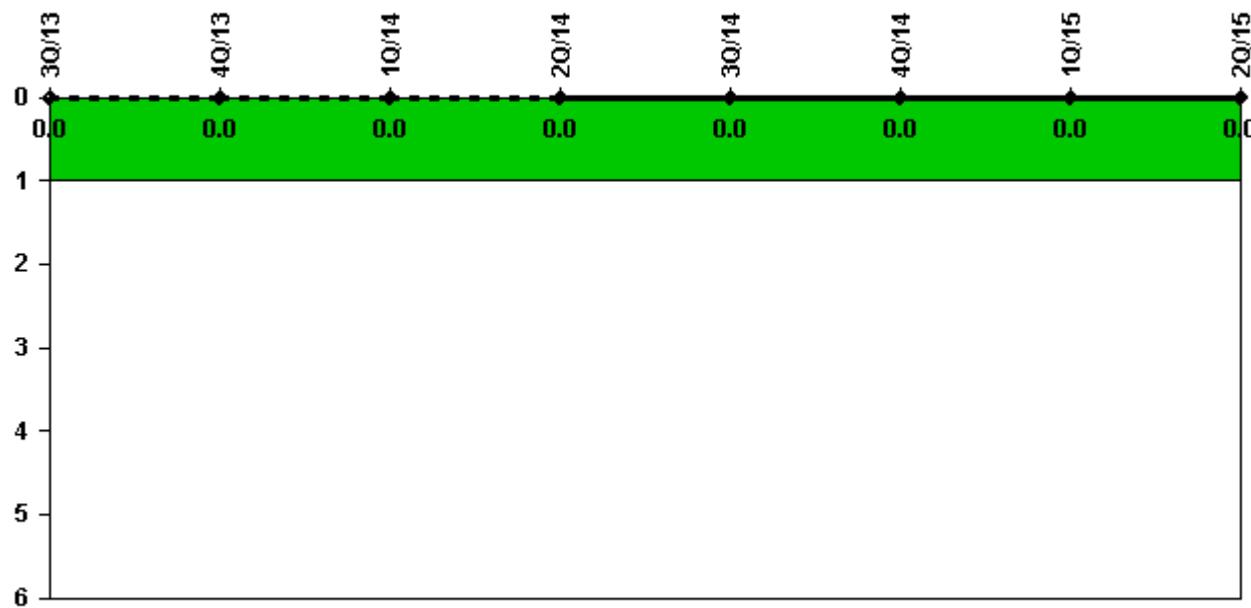
Thresholds: White > 6.0

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	0	1.0	0	0	0	0	0
Critical hours	2208.0	1781.2	2159.0	1822.7	2208.0	2209.0	1998.0	2184.0
Indicator value	0	0	0.8	0.9	0.9	0.8	0	0

Licensee Comments: none

Unplanned Scrams with Complications



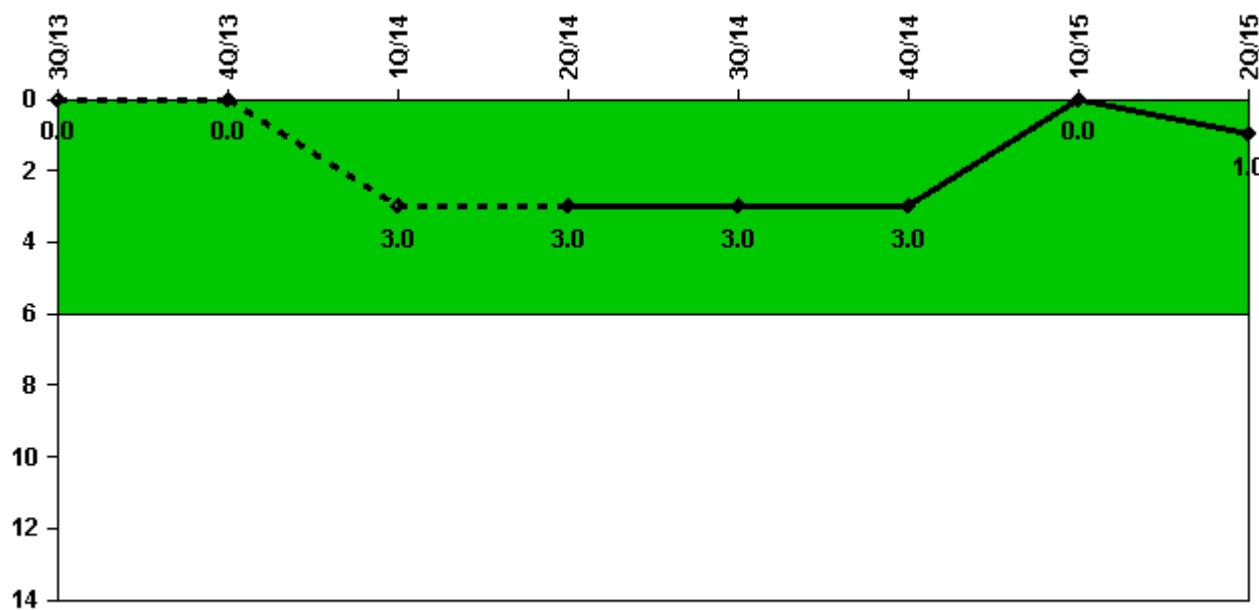
Thresholds: White > 1.0

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 (BWR)



Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Safety System Functional Failures	0	0	3	0	0	0	0	1
Indicator value	0	0	3	3	3	3	0	1

Licensee Comments:

2Q/15: LER 237-2015-002-00,"2C ERV Failed to Actuate during Extent of Condition Testing", dated 04-03-2015

1Q/14: (1) Licensee Event Report 237/2013-005-00, Primary Containment Inboard and Outboard Feed Water Isolation Valves Exceed LLRT Limits (2) Licensee Event Report 237/2013-006-00, LPCI Swing Bus Auto Transfer Did Not Transfer as Expected (3) Licensee Event Report 237/2013-009-00, HPCI Failed to Achieve Rated Flow Due to Failure of Stop Valve to Open

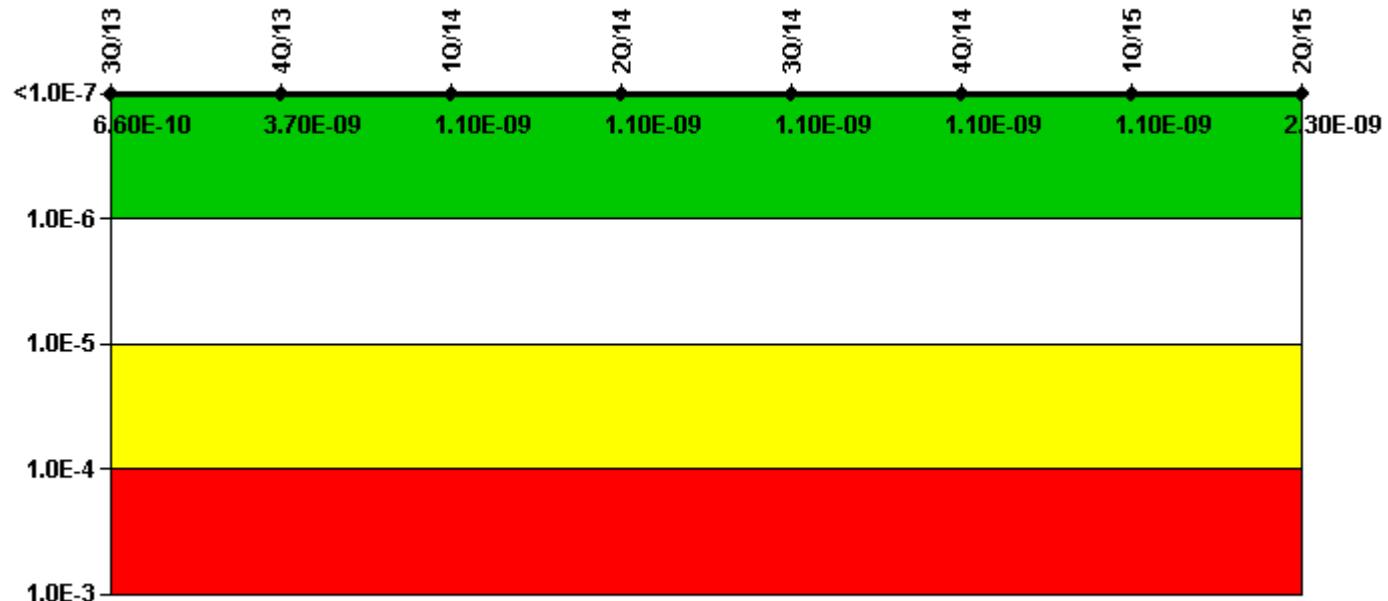
4Q/13: LER 237/2013-003-00, Secondary Containment Inoperable Due to Two Interlock Doors Being Open Simultaneously, submitted in November 2013 for Unit 2 and Unit 3 SSFF

4Q/13: SSFF value revised from 1 to 0. (Ref. LER 237-2013-003-00 as revised by supplemental LER 237-2013-003-01, dated 03-26-14)

3Q/13: SSFF value revised from 1 to 0. (Ref. LER 237-2013-001-00 as revised by supplemental LER 237-2013-001-02, dated 03-26-14)

3Q/13: Licensee Event Report 237/2013-001-00, Secondary Containment Inoperable Due to Two Interlock Doors Being Open Simultaneously, dated 8/23/13

Mitigating Systems Performance Index, Emergency AC Power System



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

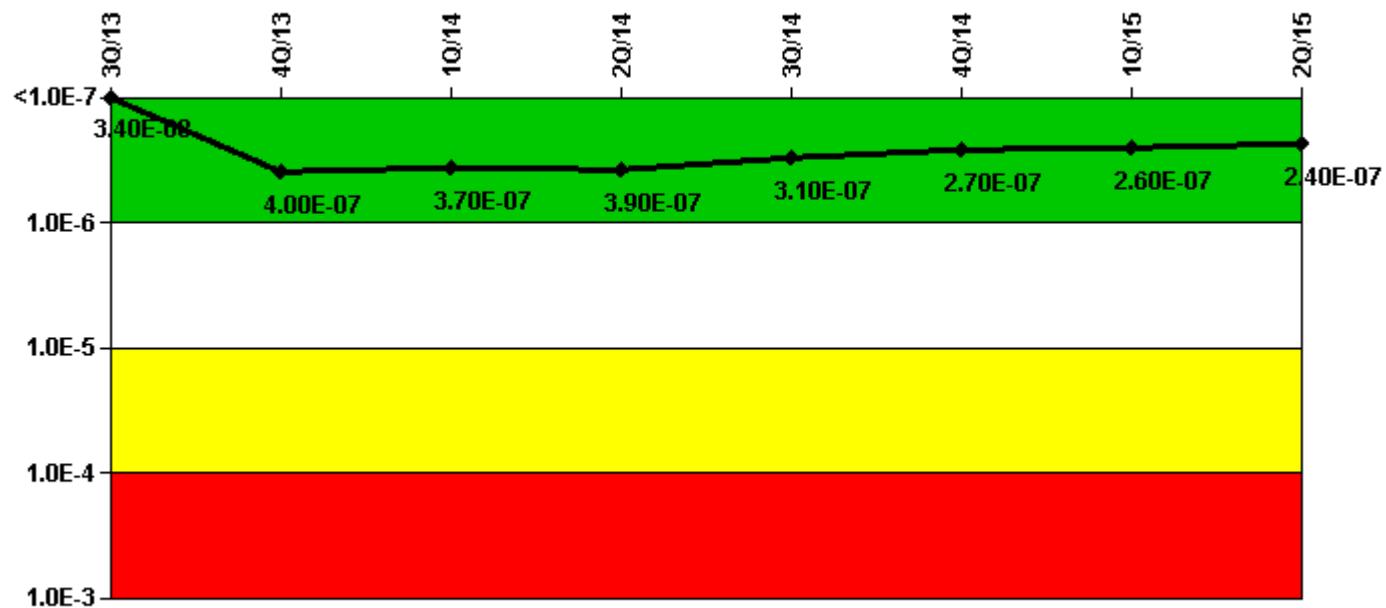
Notes

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)	1.06E-09	1.25E-09	3.66E-10	3.53E-10	5.96E-11	-2.38E-11	1.75E-11	2.31E-10
URI (Δ CDF)	-4.04E-10	2.49E-09	7.23E-10	7.51E-10	1.09E-09	1.08E-09	1.07E-09	2.11E-09
PLE	NO							
Indicator value	6.60E-10	3.70E-09	1.10E-09	1.10E-09	1.10E-09	1.10E-09	1.10E-09	2.30E-09

Licensee Comments:

1Q/14: 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

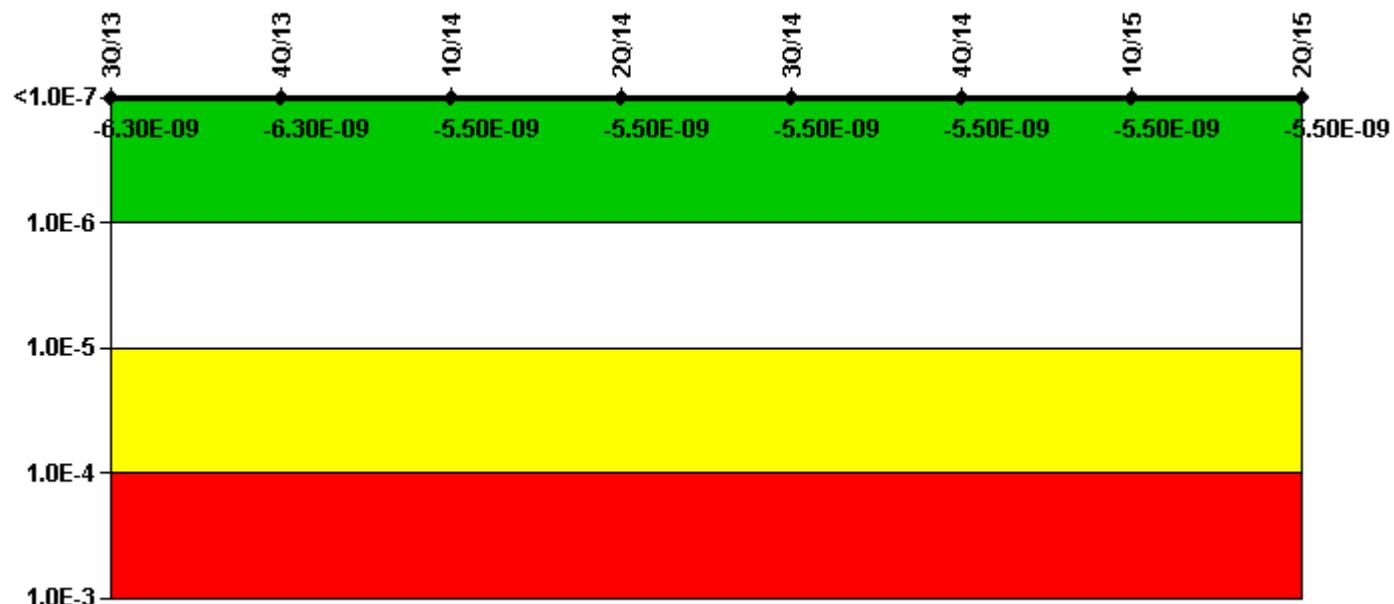
Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
UAI (Δ CDF)	9.92E-08	1.93E-07	1.66E-07	1.83E-07	1.09E-07	6.97E-08	6.76E-08	4.11E-08
URI (Δ CDF)	-6.55E-08	2.04E-07	2.04E-07	2.04E-07	2.04E-07	2.04E-07	1.97E-07	1.97E-07
PLE	NO							
Indicator value	3.40E-08	4.00E-07	3.70E-07	3.90E-07	3.10E-07	2.70E-07	2.60E-07	2.40E-07

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



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

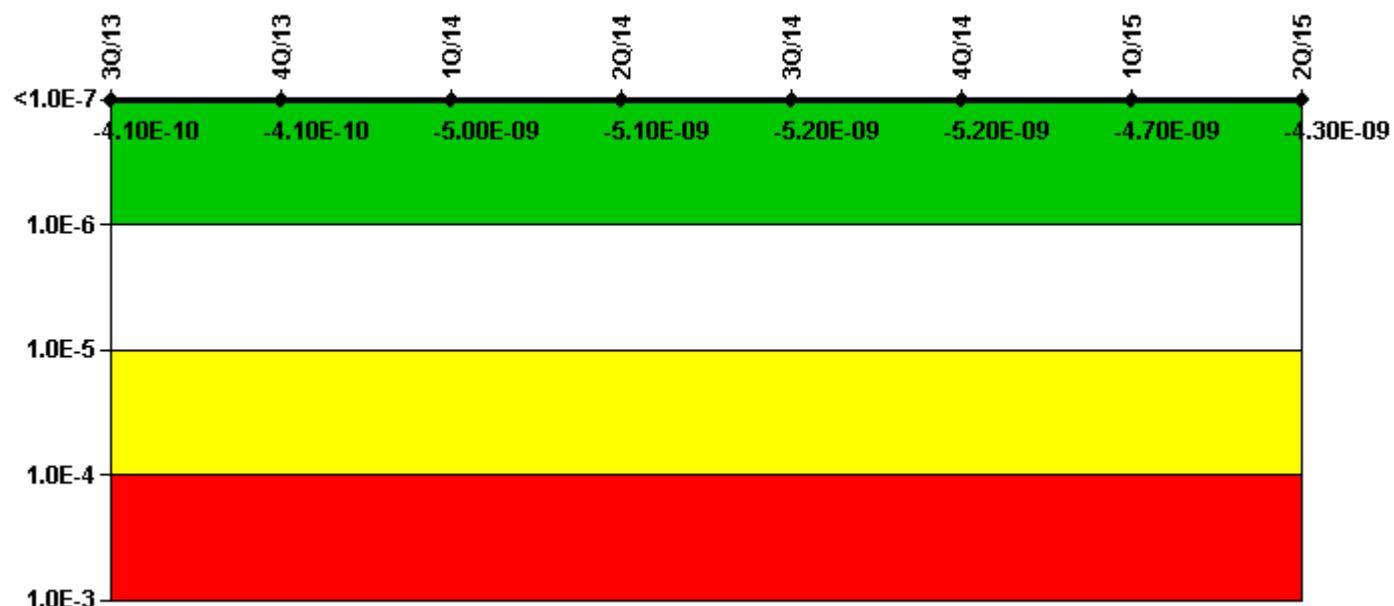
Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
UAI (Δ CDF)	-6.24E-09	-6.24E-09	-5.43E-09	-5.43E-09	-5.43E-09	-5.43E-09	-5.43E-09	-5.43E-09
URI (Δ CDF)	-9.92E-11	-9.92E-11	-1.01E-10	-1.01E-10	-1.01E-10	-1.01E-10	-1.01E-10	-1.01E-10
PLE	NO							
Indicator value	-6.30E-09	-6.30E-09	-5.50E-09	-5.50E-09	-5.50E-09	-5.50E-09	-5.50E-09	-5.50E-09

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System



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

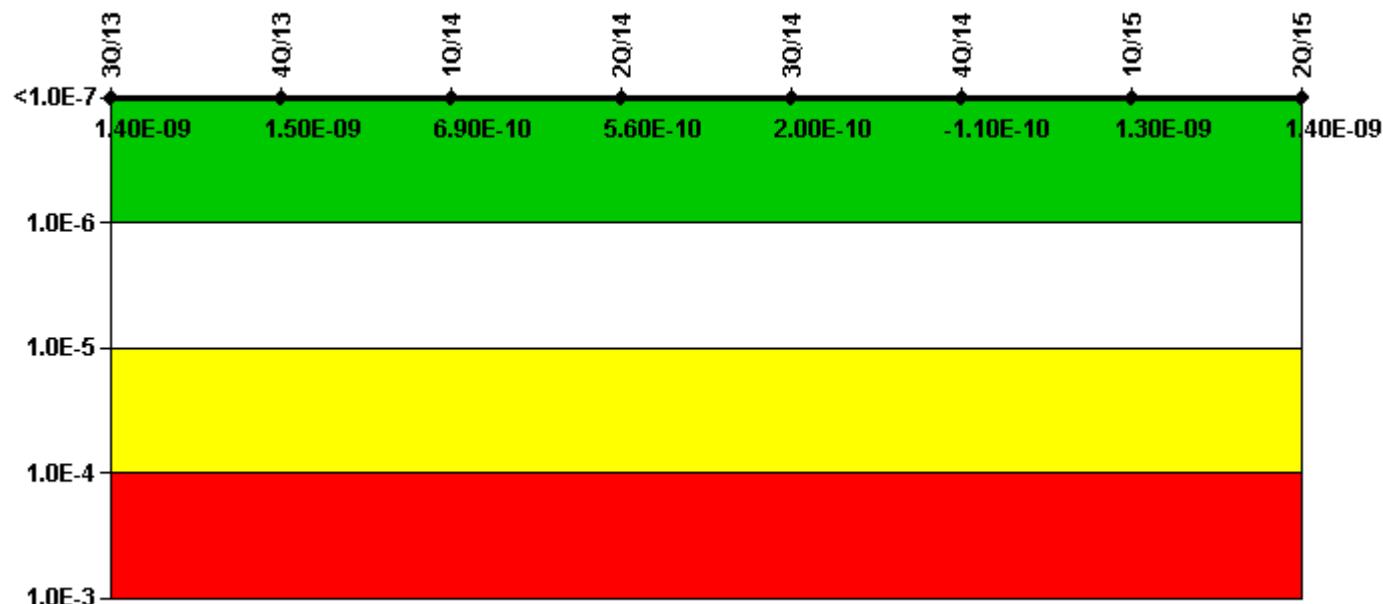
Notes

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)	1.16E-10	1.58E-10	-1.40E-09	-1.40E-09	-1.40E-09	-1.40E-09	-7.19E-10	-2.50E-10
URI (Δ CDF)	-5.28E-10	-5.65E-10	-3.58E-09	-3.67E-09	-3.78E-09	-3.84E-09	-3.96E-09	-4.08E-09
PLE	NO							
Indicator value	-4.10E-10	-4.10E-10	-5.00E-09	-5.10E-09	-5.20E-09	-5.20E-09	-4.70E-09	-4.30E-09

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



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

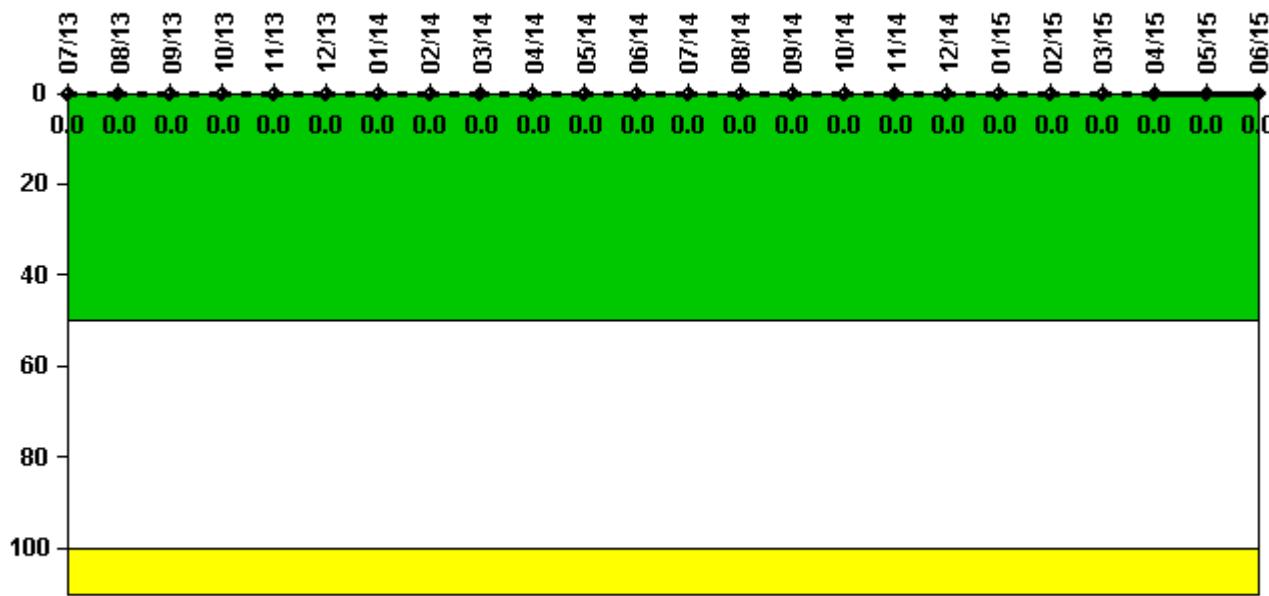
Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
UAI (Δ CDF)	1.45E-09	1.50E-09	7.19E-10	5.92E-10	2.27E-10	-8.03E-11	1.36E-09	1.39E-09
URI (Δ CDF)		-1.09E-11	-1.15E-11	-2.84E-11	-2.79E-11	-2.79E-11	-2.74E-11	-2.74E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.40E-09	1.50E-09	6.90E-10	5.60E-10	2.00E-10	-1.10E-10	1.30E-09	1.40E-09

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

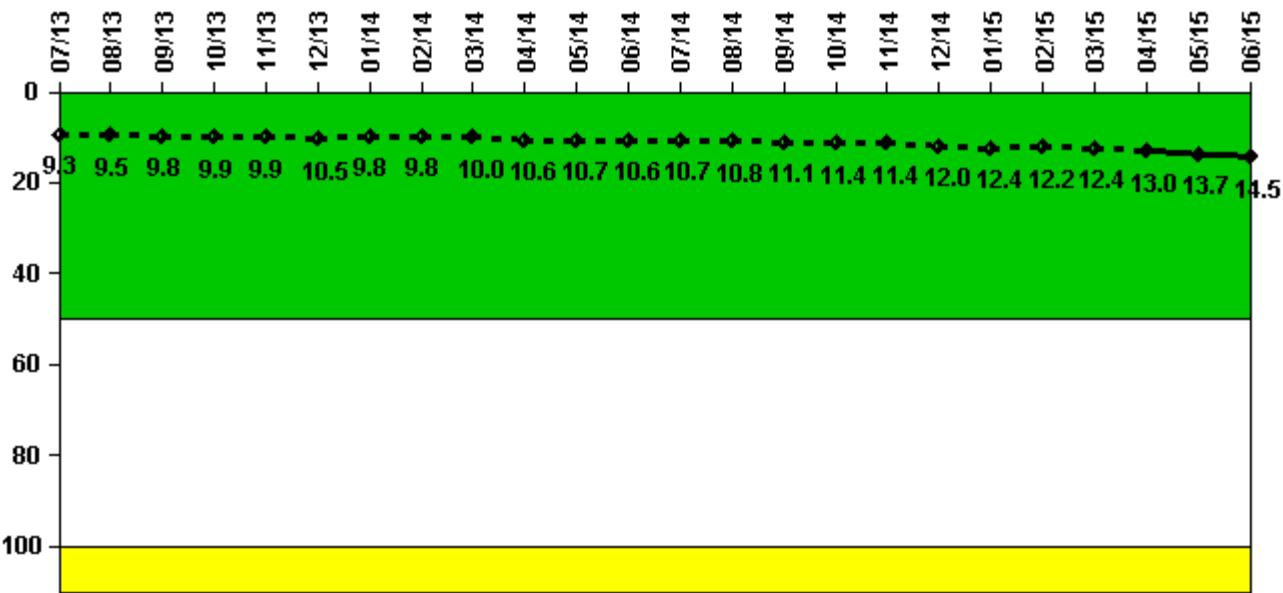
Notes

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	0.000003	0.000003	0.000009	0.000015	0.000009	0.000005	0.000014	0.000005	0.000018	0.000027	0.000011	0.000005
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	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	0.000006	0.000005	0.000007	0.000011	0.000006	0.000008	0.000005	0.000007	0.000008	0.000007	0.000006	0.000007
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



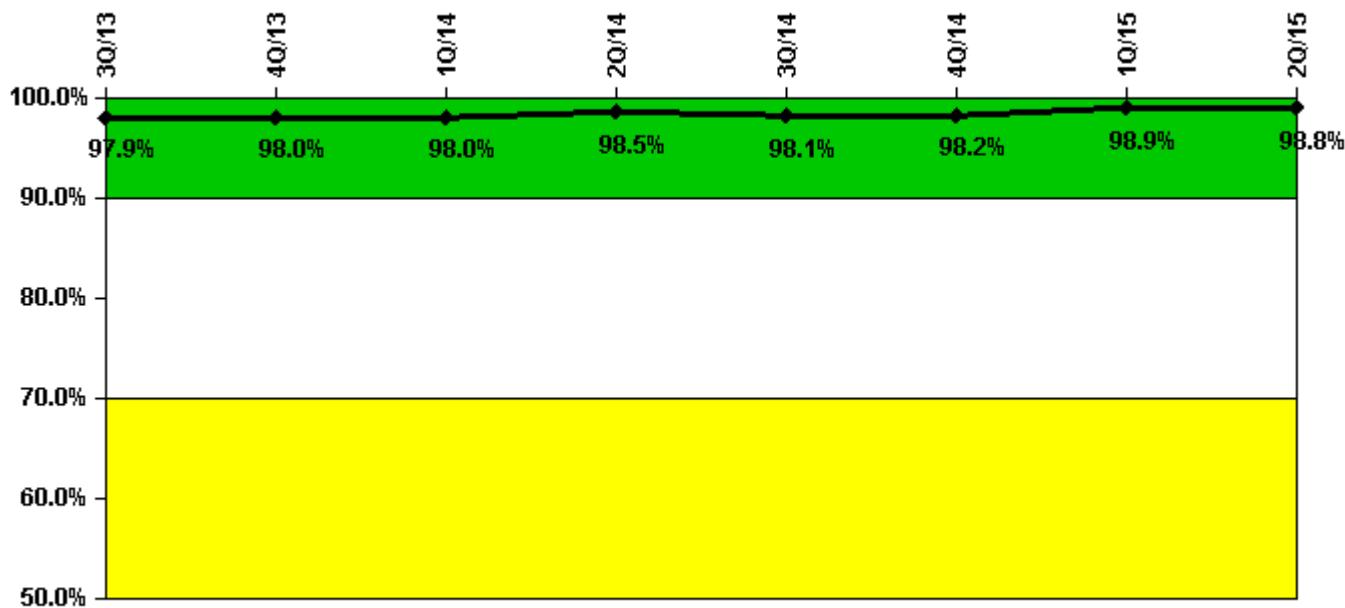
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/13	8/13	9/13	10/13	11/13	12/13	1/14	2/14	3/14	4/14	5/14	6/14
Maximum leakage	2.327	2.365	2.438	2.470	2.485	2.618	2.448	2.438	2.508	2.640	2.670	2.643
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	9.3	9.5	9.8	9.9	9.9	10.5	9.8	9.8	10.0	10.6	10.7	10.6
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	2.672	2.712	2.775	2.840	2.840	3.003	3.093	3.042	3.095	3.262	3.434	3.630
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	10.7	10.8	11.1	11.4	11.4	12.0	12.4	12.2	12.4	13.0	13.7	14.5

Licensee Comments: none

Drill/Exercise Performance



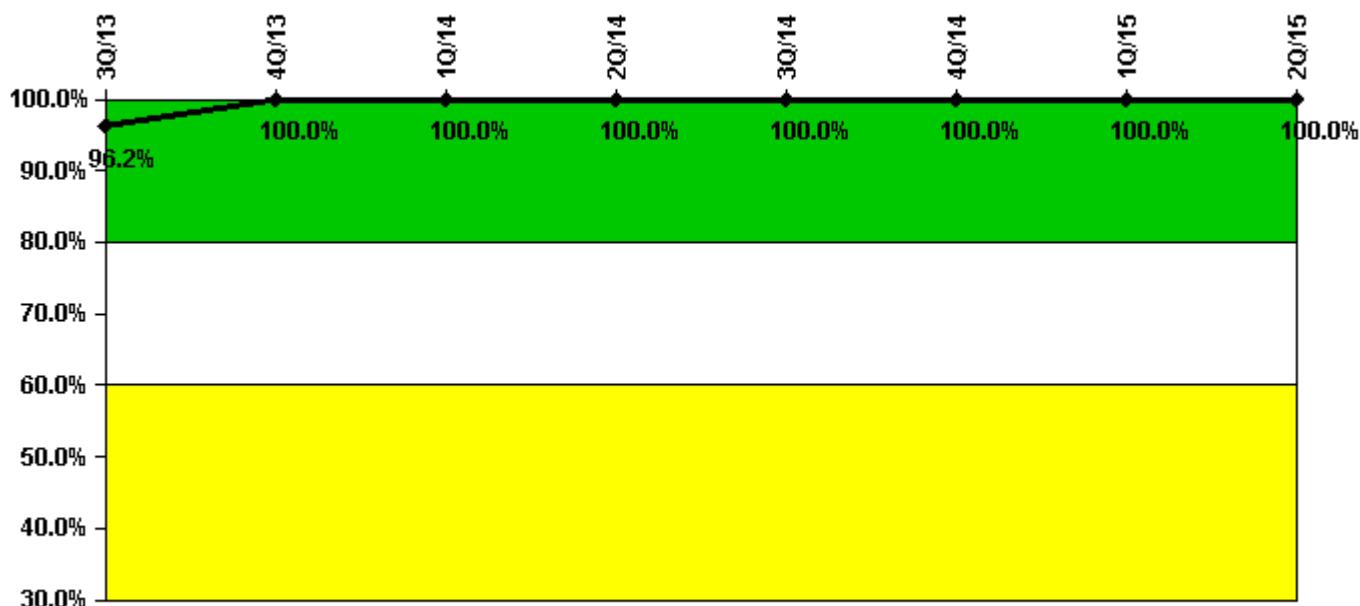
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Successful opportunities	36.0	34.0	42.0	79.0	61.0	40.0	47.0	65.0
Total opportunities	36.0	34.0	42.0	80.0	63.0	40.0	47.0	67.0
Indicator value	97.9%	98.0%	98.0%	98.5%	98.1%	98.2%	98.9%	98.8%

Licensee Comments: none

ERO Drill Participation



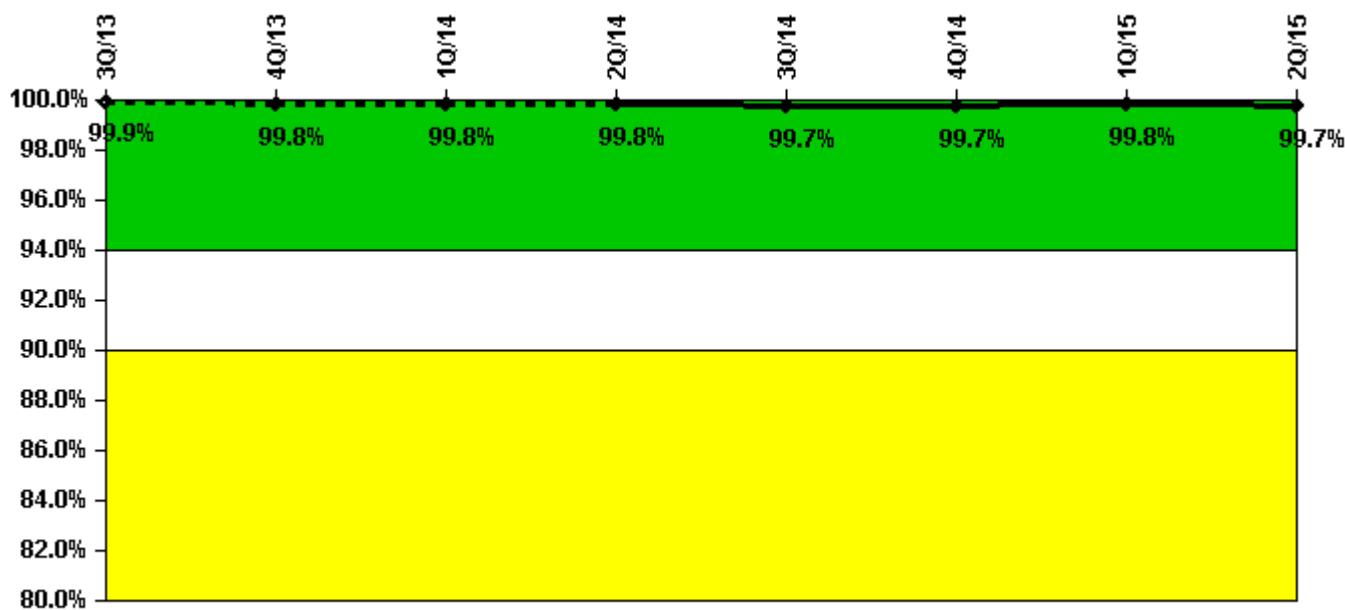
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Participating Key personnel	76.0	80.0	76.0	78.0	78.0	78.0	72.0	75.0
Total Key personnel	79.0	80.0	76.0	78.0	78.0	78.0	72.0	75.0
Indicator value	96.2%	100.0%						

Licensee Comments: none

Alert & Notification System



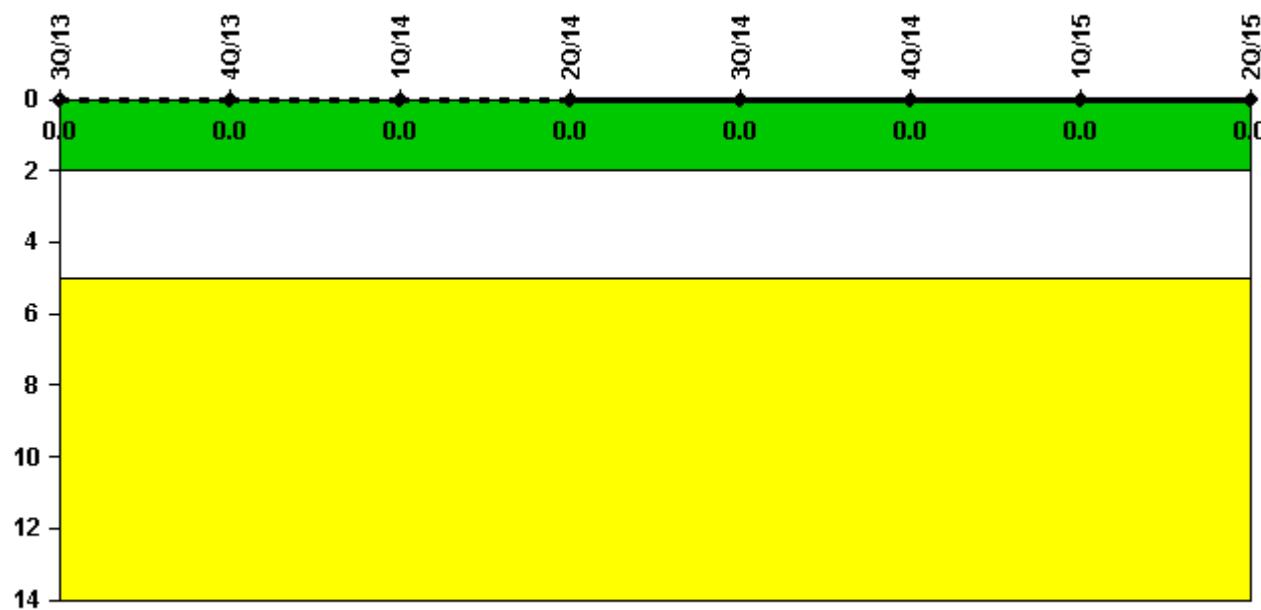
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Successful siren-tests	2939	2933	2935	2939	2928	2940	2895	2937
Total sirens-tests	2944	2944	2940	2944	2944	2944	2898	2944
Indicator value	99.9%	99.8%	99.8%	99.8%	99.7%	99.7%	99.8%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness

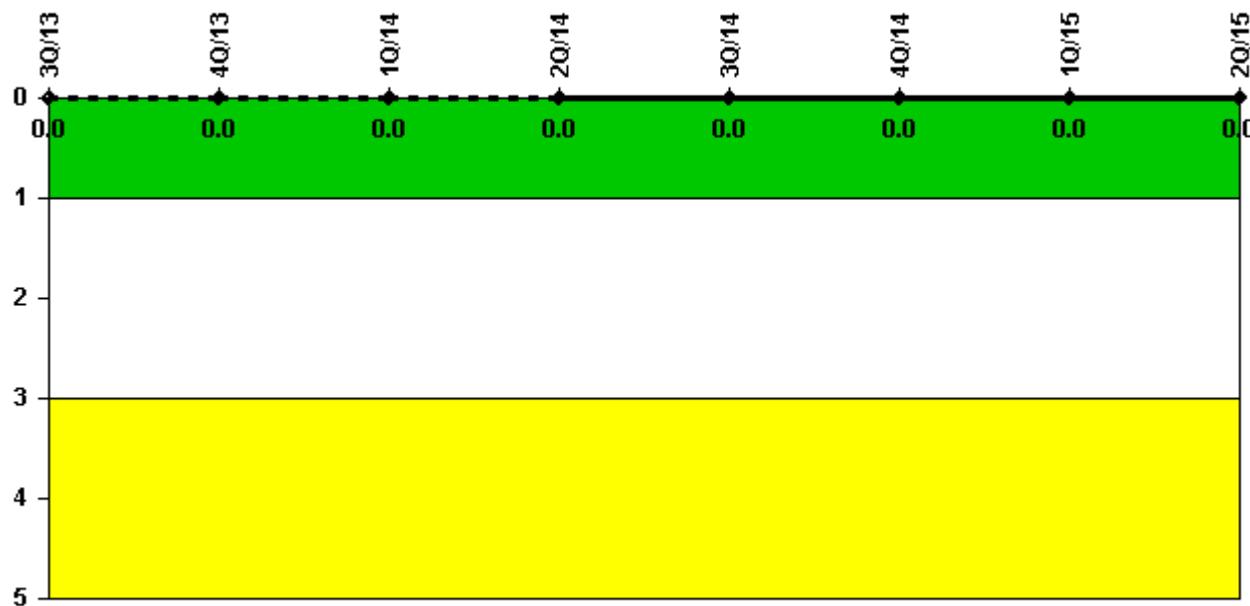


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/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

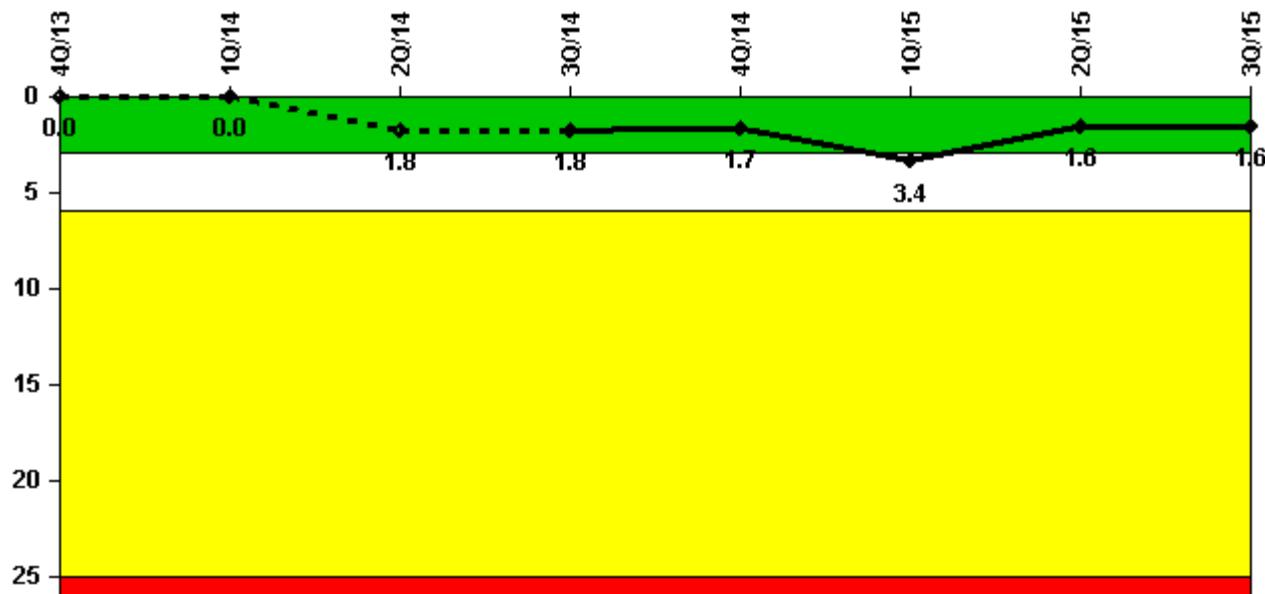
Dresden 2

3Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



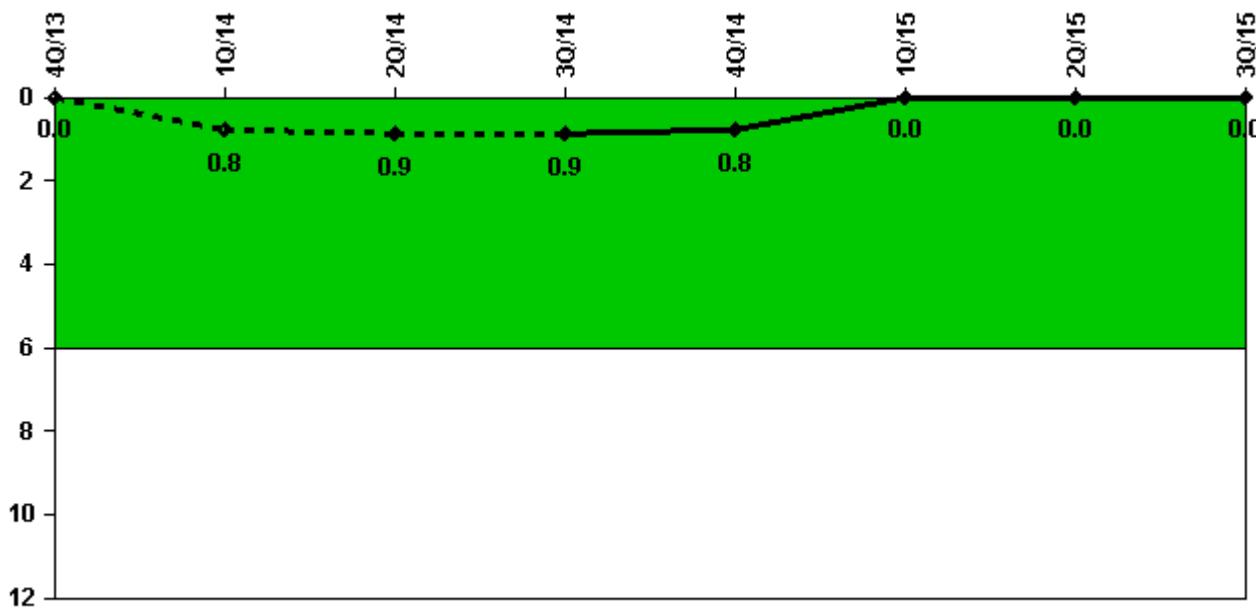
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Unplanned scrams	0	0	2.0	0	0	2.0	0	0
Critical hours	1781.2	2159.0	1822.7	2208.0	2209.0	1998.0	2184.0	2208.0
Indicator value	0	0	1.8	1.8	1.7	3.4	1.6	1.6

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



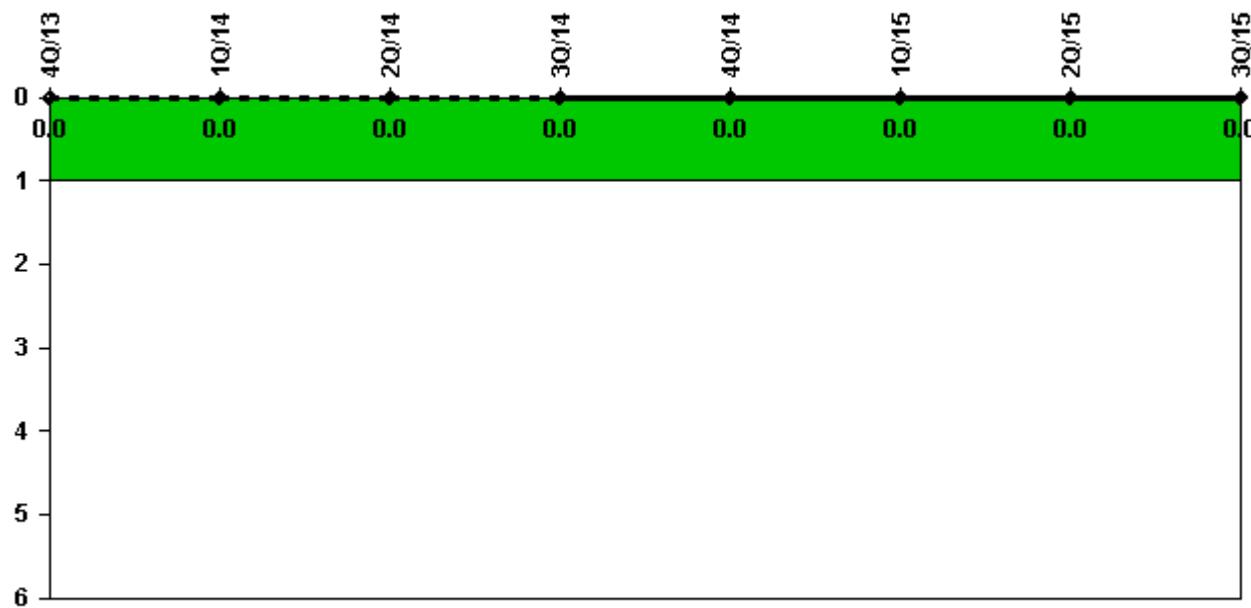
Thresholds: White > 6.0

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	0	1.0	0	0	0	0	0	0
Critical hours	1781.2	2159.0	1822.7	2208.0	2209.0	1998.0	2184.0	2208.0
Indicator value	0	0.8	0.9	0.9	0.8	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



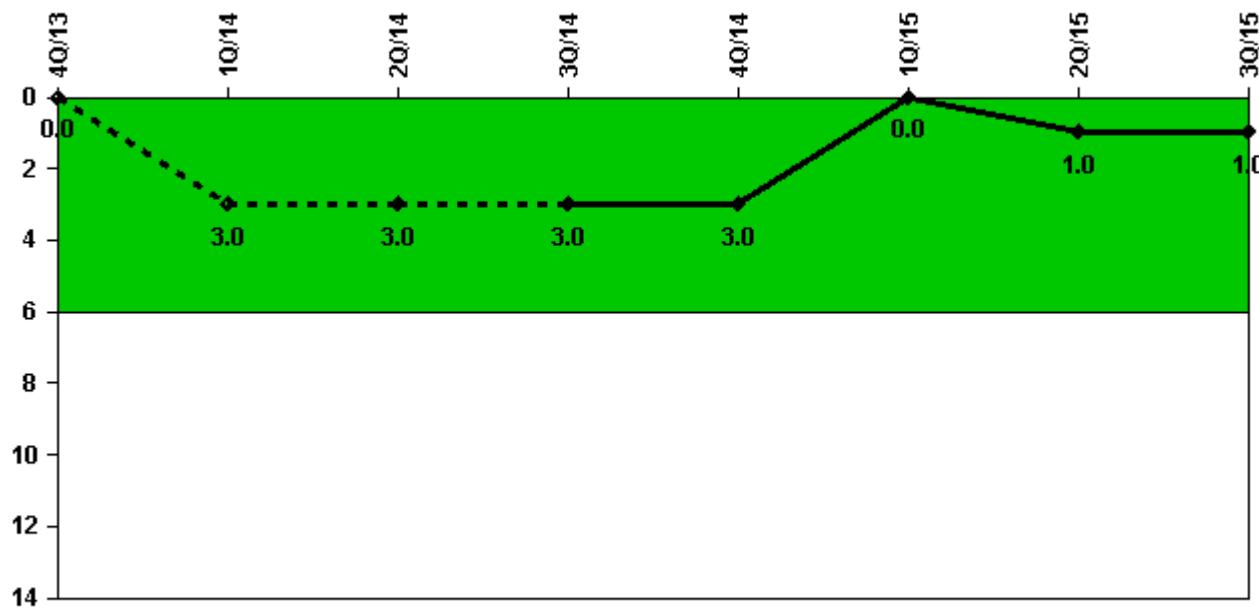
Thresholds: White > 1.0

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 (BWR)



Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Safety System Functional Failures	0	3	0	0	0	0	1	0
Indicator value	0	3	3	3	3	0	1	1

Licensee Comments:

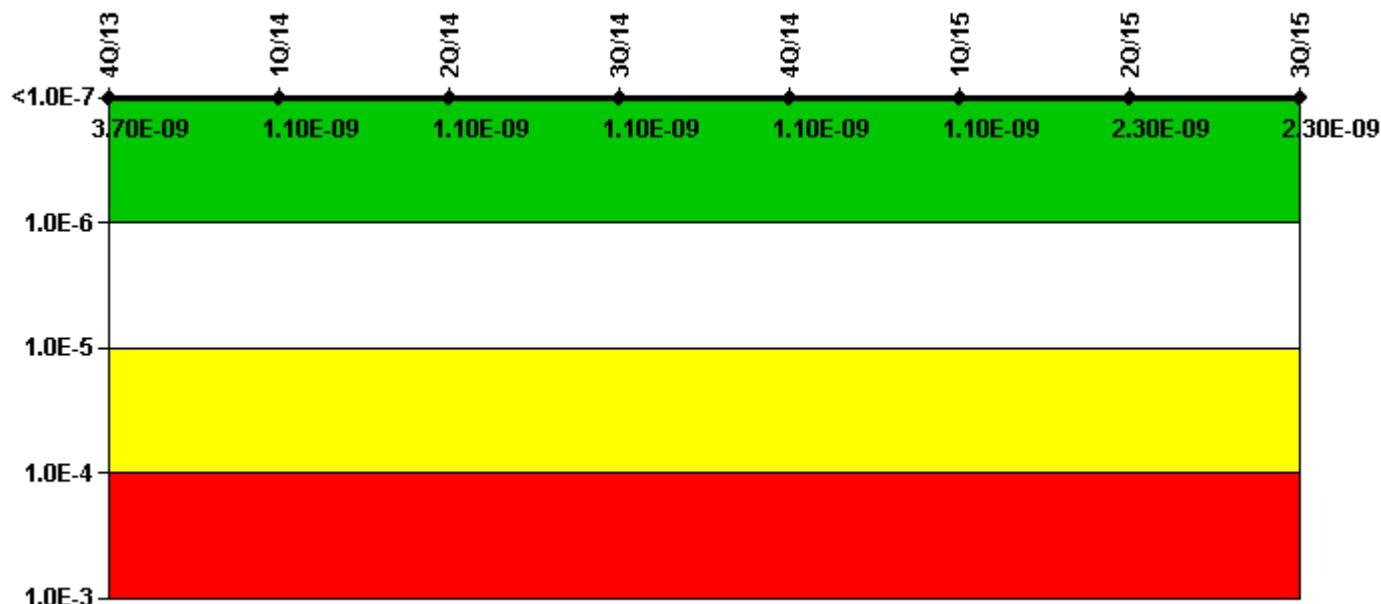
2Q/15: LER 237-2015-002-00,"2C ERV Failed to Actuate during Extent of Condition Testing", dated 04-03-2015

1Q/14: (1) Licensee Event Report 237/2013-005-00, Primary Containment Inboard and Outboard Feed Water Isolation Valves Exceed LLRT Limits (2) Licensee Event Report 237/2013-006-00, LPCI Swing Bus Auto Transfer Did Not Transfer as Expected (3) Licensee Event Report 237/2013-009-00, HPCI Failed to Achieve Rated Flow Due to Failure of Stop Valve to Open

4Q/13: SSFF value revised from 1 to 0. (Ref. LER 237-2013-003-00 as revised by supplemental LER 237-2013-003-01, dated 03-26-14)

4Q/13: LER 237/2013-003-00, Secondary Containment Inoperable Due to Two Interlock Doors Being Open Simultaneously, submitted in November 2013 for Unit 2 and Unit 3 SSFF

Mitigating Systems Performance Index, Emergency AC Power System



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

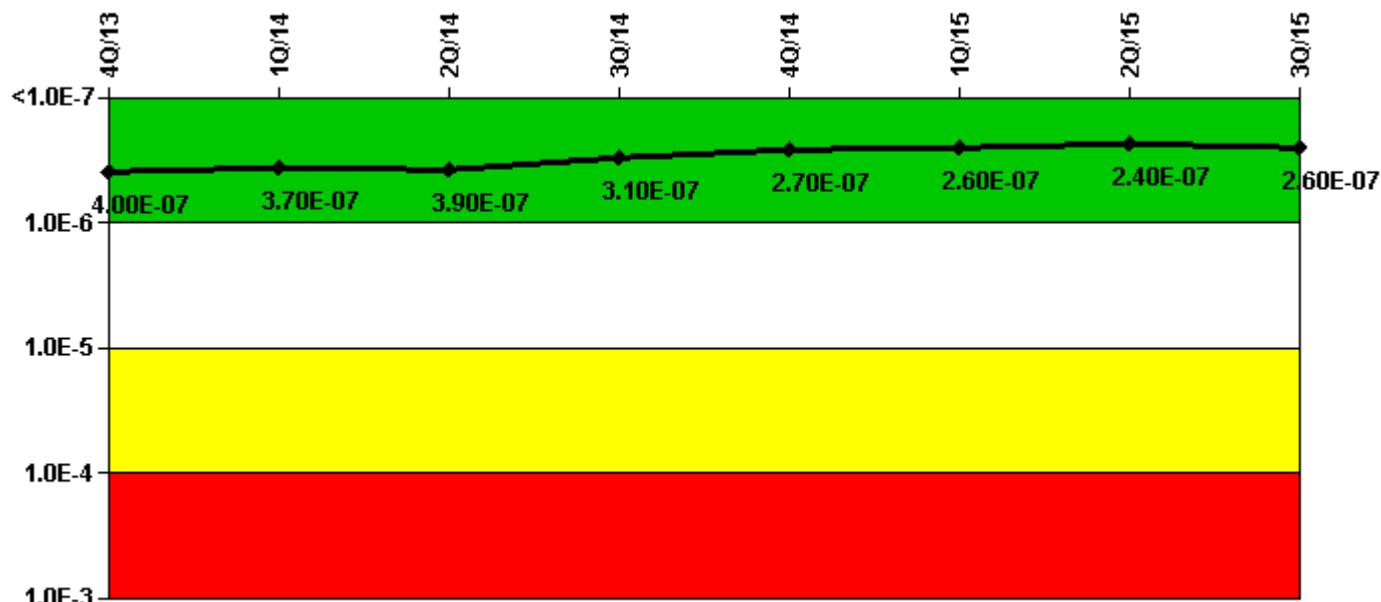
Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
UAI (Δ CDF)	1.25E-09	3.66E-10	3.53E-10	5.96E-11	-2.38E-11	1.75E-11	2.31E-10	2.01E-10
URI (Δ CDF)	2.49E-09	7.23E-10	7.51E-10	1.09E-09	1.08E-09	1.07E-09	2.11E-09	2.12E-09
PLE	NO							
Indicator value	3.70E-09	1.10E-09	1.10E-09	1.10E-09	1.10E-09	1.10E-09	2.30E-09	2.30E-09

Licensee Comments:

1Q/14: 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

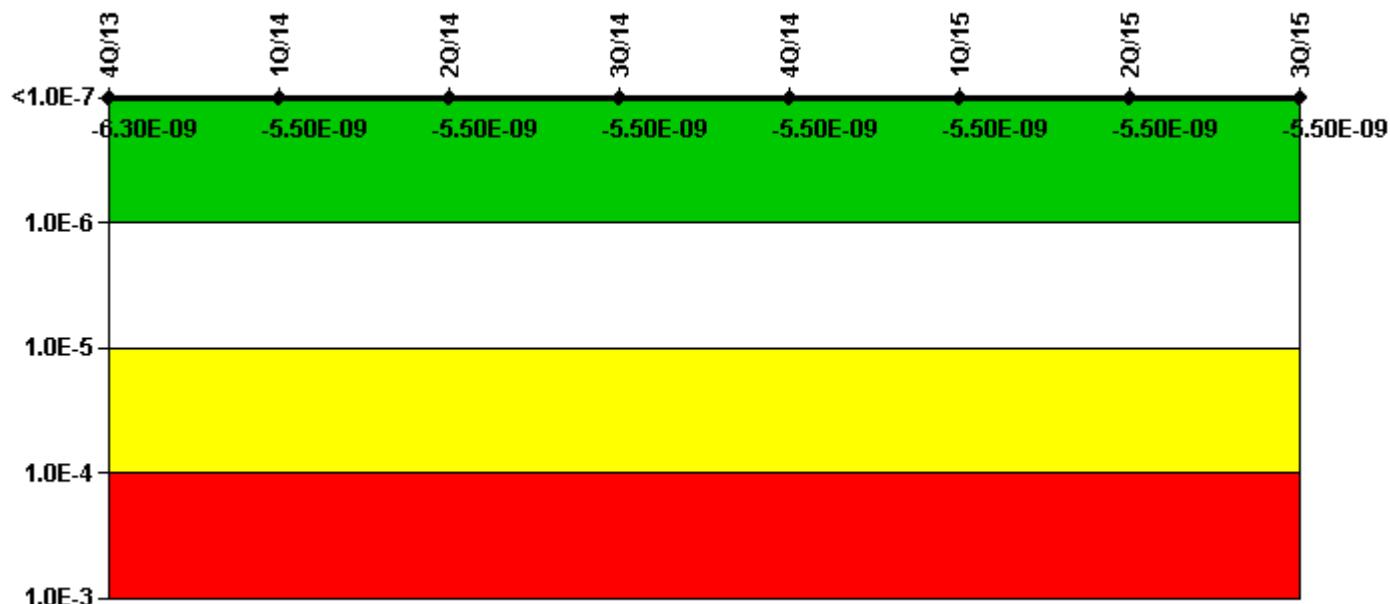
Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
UAI (Δ CDF)	1.93E-07	1.66E-07	1.83E-07	1.09E-07	6.97E-08	6.76E-08	4.11E-08	6.30E-08
URI (Δ CDF)	2.04E-07	2.04E-07	2.04E-07	2.04E-07	2.04E-07	1.97E-07	1.97E-07	1.97E-07
PLE	NO							
Indicator value	4.00E-07	3.70E-07	3.90E-07	3.10E-07	2.70E-07	2.60E-07	2.40E-07	2.60E-07

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



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

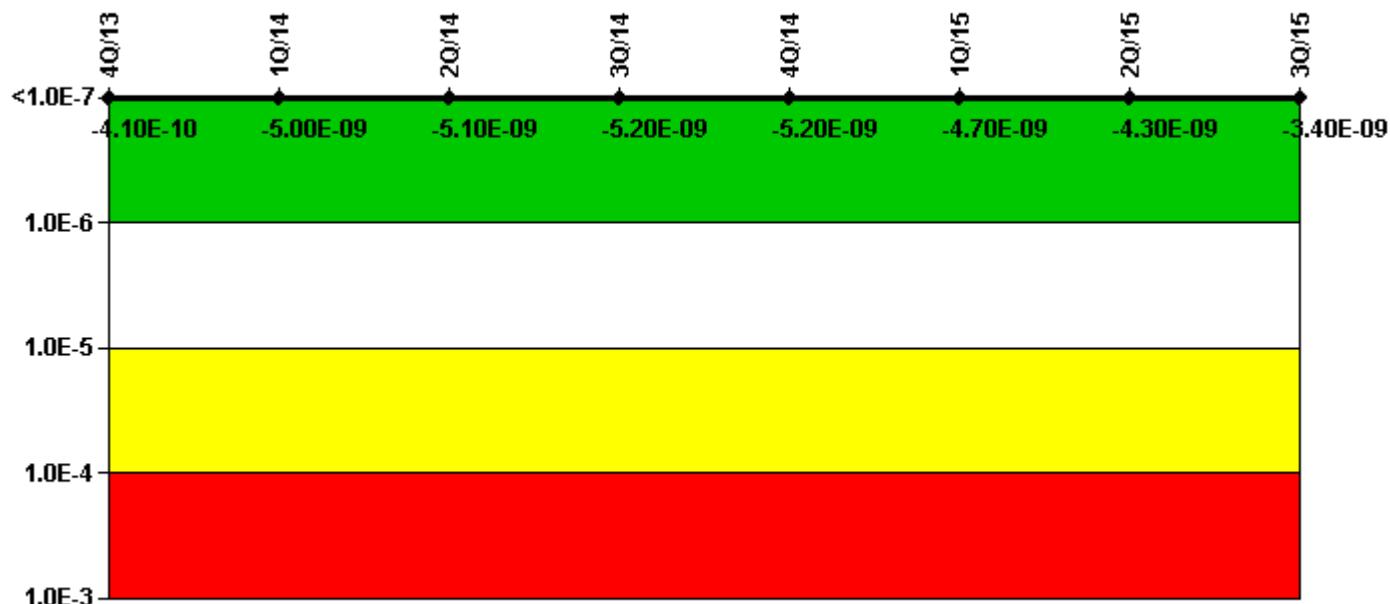
Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
UAI (Δ CDF)	-6.24E-09	-5.43E-09						
URI (Δ CDF)	-9.92E-11	-1.01E-10						
PLE	NO							
Indicator value	-6.30E-09	-5.50E-09						

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System



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

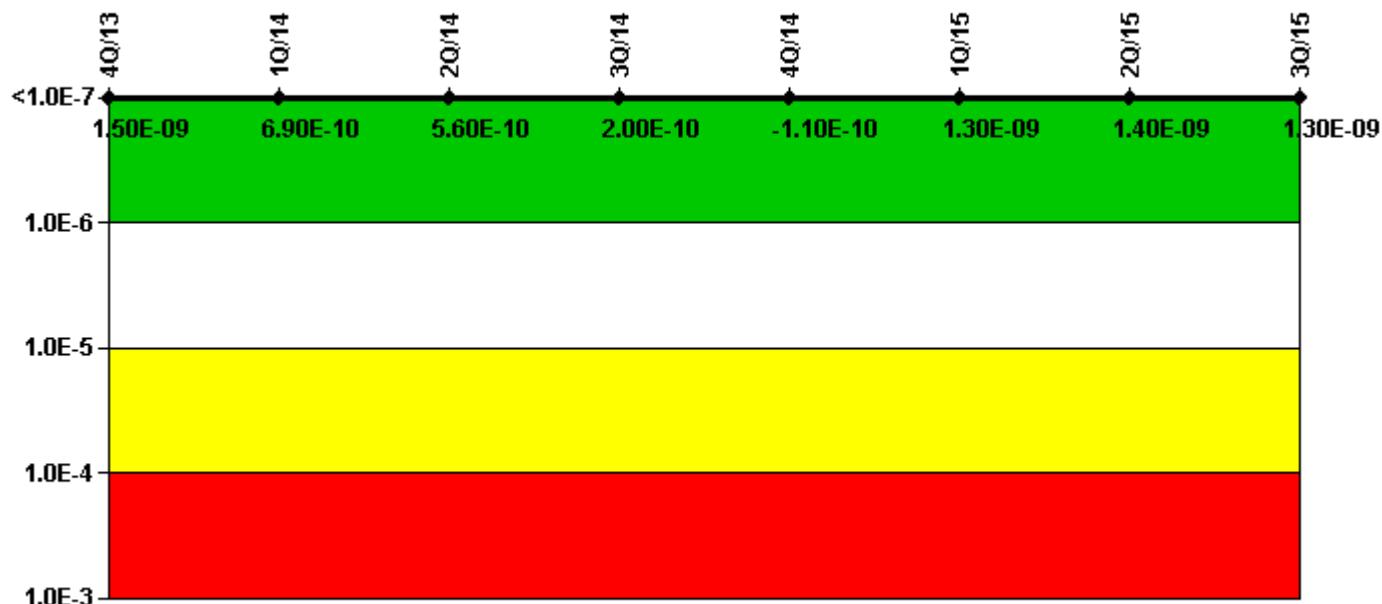
Notes

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)	1.58E-10	-1.40E-09	-1.40E-09	-1.40E-09	-1.40E-09	-7.19E-10	-2.50E-10	8.26E-10
URI (Δ CDF)	-5.65E-10	-3.58E-09	-3.67E-09	-3.78E-09	-3.84E-09	-3.96E-09	-4.08E-09	-4.24E-09
PLE	NO							
Indicator value	-4.10E-10	-5.00E-09	-5.10E-09	-5.20E-09	-5.20E-09	-4.70E-09	-4.30E-09	-3.40E-09

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



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

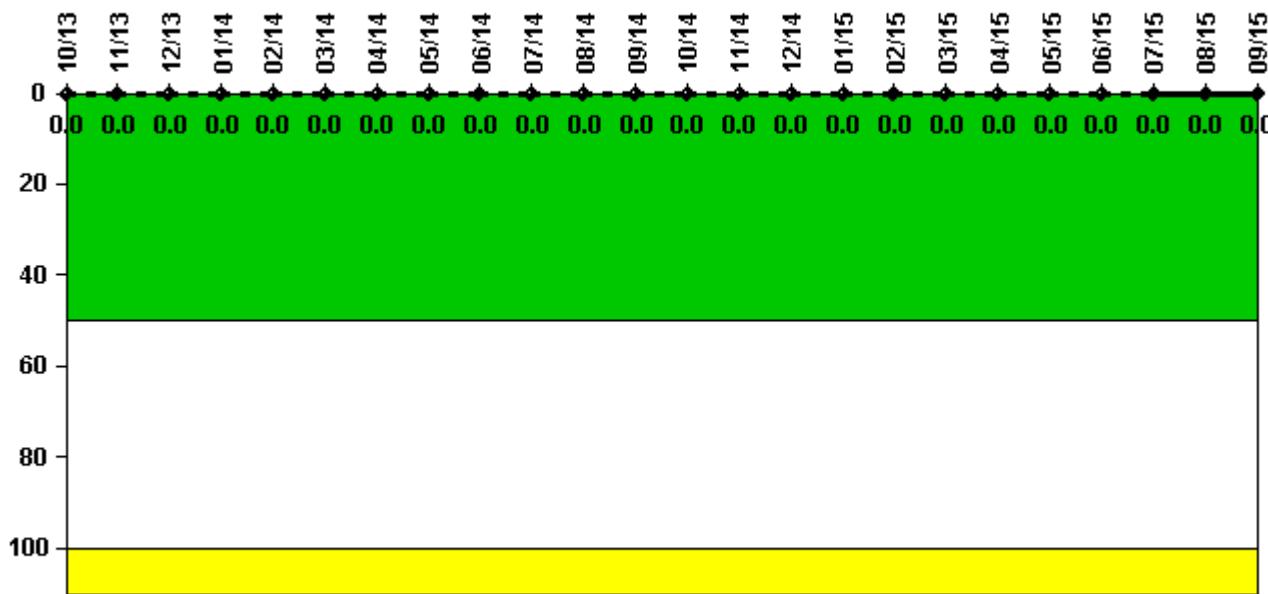
Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
UAI (Δ CDF)	1.50E-09	7.19E-10	5.92E-10	2.27E-10	-8.03E-11	1.36E-09	1.39E-09	1.36E-09
URI (Δ CDF)		-1.15E-11	-2.84E-11	-2.79E-11	-2.79E-11	-2.74E-11	-2.74E-11	-2.75E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.50E-09	6.90E-10	5.60E-10	2.00E-10	-1.10E-10	1.30E-09	1.40E-09	1.30E-09

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Reactor Coolant System Activity



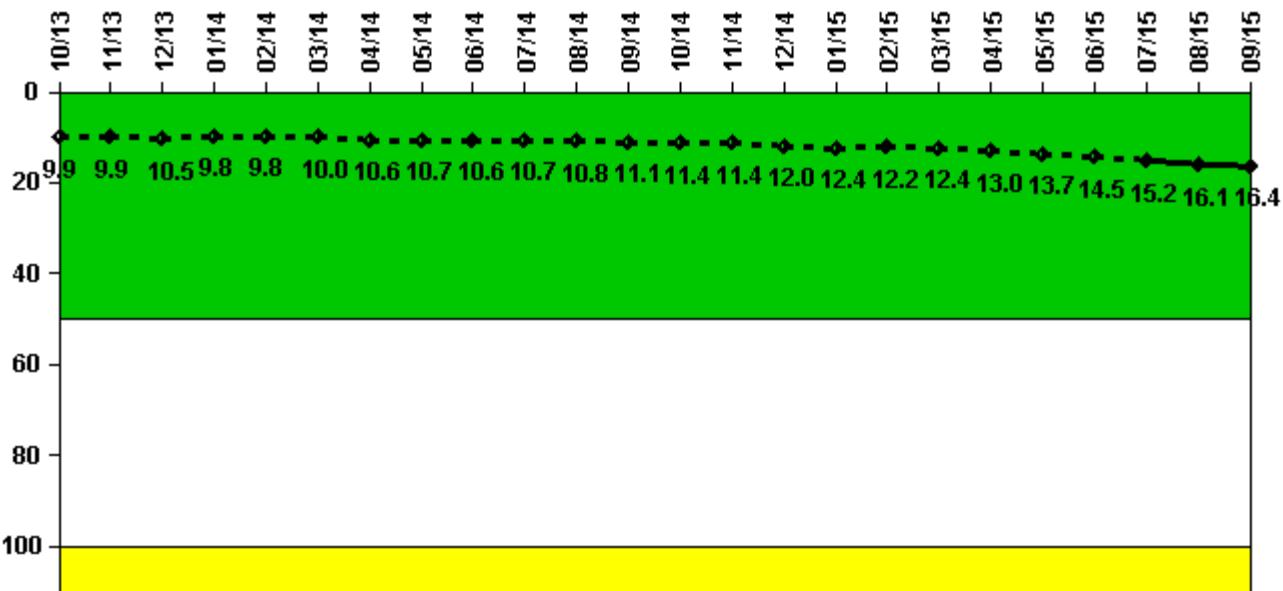
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/13	11/13	12/13	1/14	2/14	3/14	4/14	5/14	6/14	7/14	8/14	9/14
Maximum activity	0.000015	0.000009	0.000005	0.000014	0.000005	0.000018	0.000027	0.000011	0.000005	0.000006	0.000005	0.000007
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	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	0.000011	0.000006	0.000008	0.000005	0.000007	0.000008	0.000007	0.000006	0.000007	0.000006	0.000007	0.000008
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

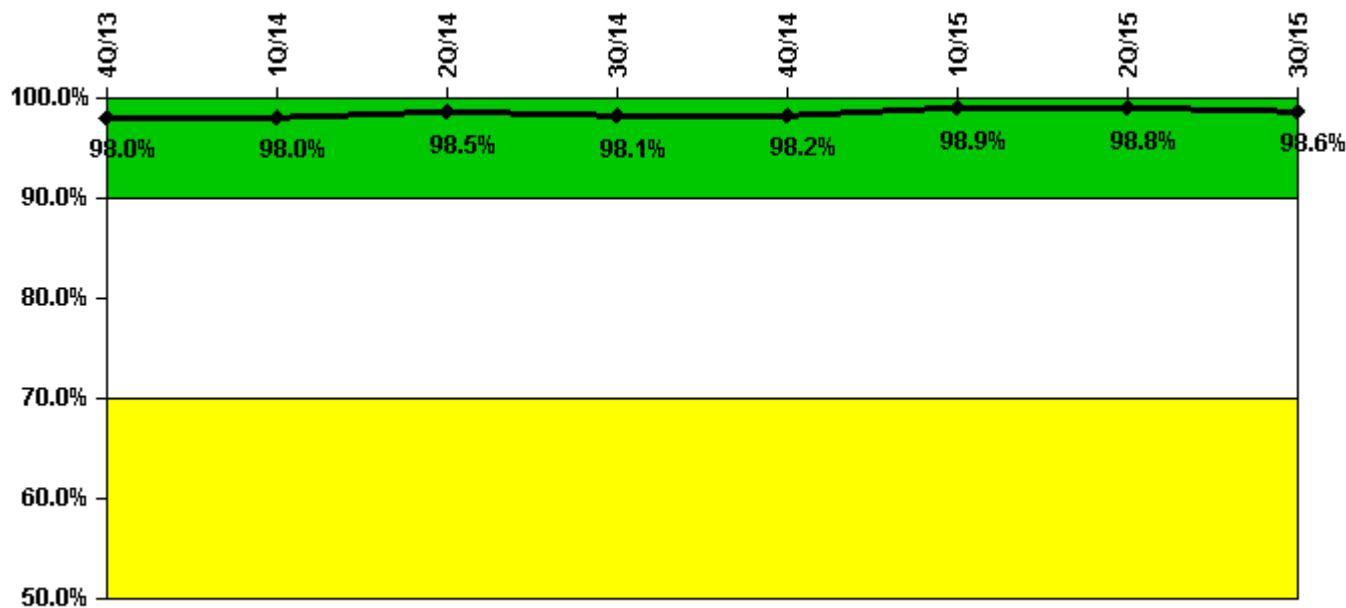
Notes

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	2.470	2.485	2.618	2.448	2.438	2.508	2.640	2.670	2.643	2.672	2.712	2.775
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	9.9	9.9	10.5	9.8	9.8	10.0	10.6	10.7	10.6	10.7	10.8	11.1

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	2.840	2.840	3.003	3.093	3.042	3.095	3.262	3.434	3.630	3.808	4.030	4.088
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	11.4	11.4	12.0	12.4	12.2	12.4	13.0	13.7	14.5	15.2	16.1	16.4

Licensee Comments: none

Drill/Exercise Performance



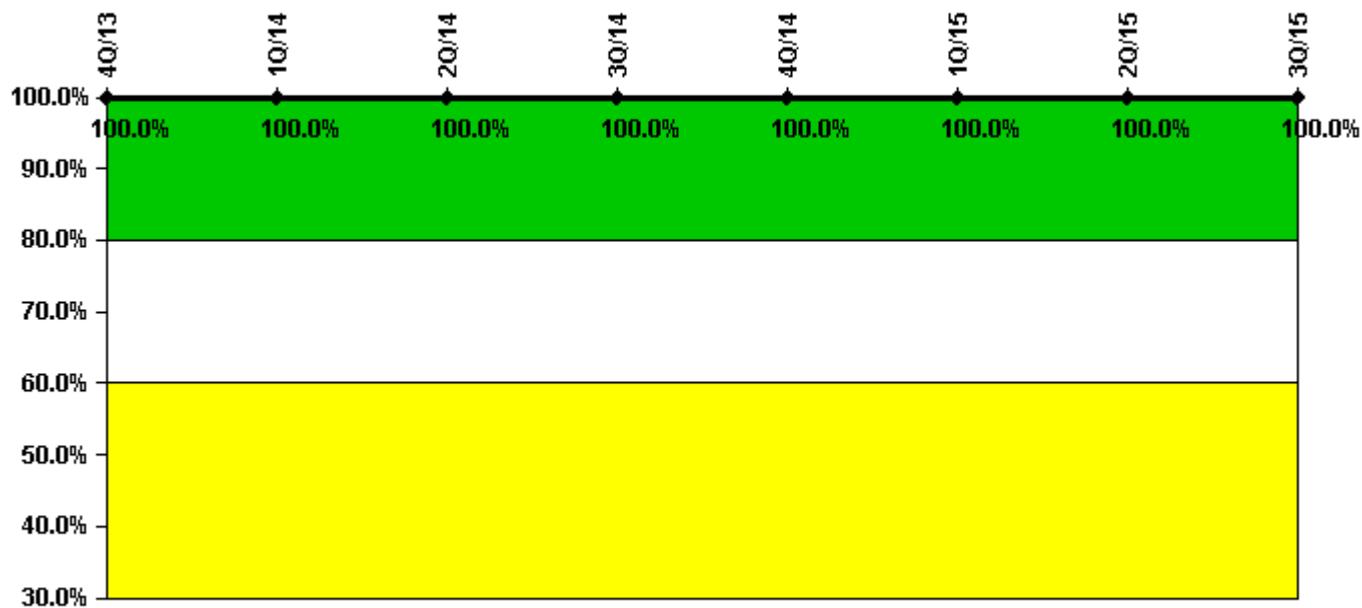
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Successful opportunities	34.0	42.0	79.0	61.0	40.0	47.0	65.0	44.0
Total opportunities	34.0	42.0	80.0	63.0	40.0	47.0	67.0	45.0
Indicator value	98.0%	98.0%	98.5%	98.1%	98.2%	98.9%	98.8%	98.6%

Licensee Comments: none

ERO Drill Participation



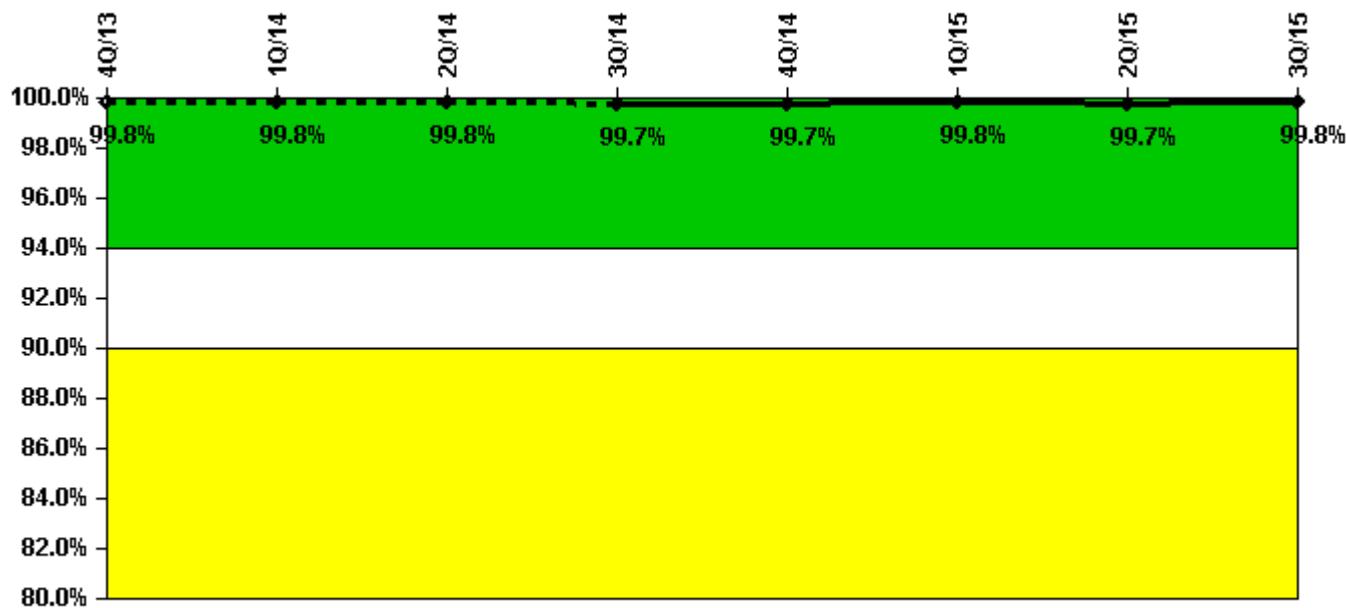
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Participating Key personnel	80.0	76.0	78.0	78.0	78.0	72.0	75.0	72.0
Total Key personnel	80.0	76.0	78.0	78.0	78.0	72.0	75.0	72.0
Indicator value	100.0%							

Licensee Comments: none

Alert & Notification System



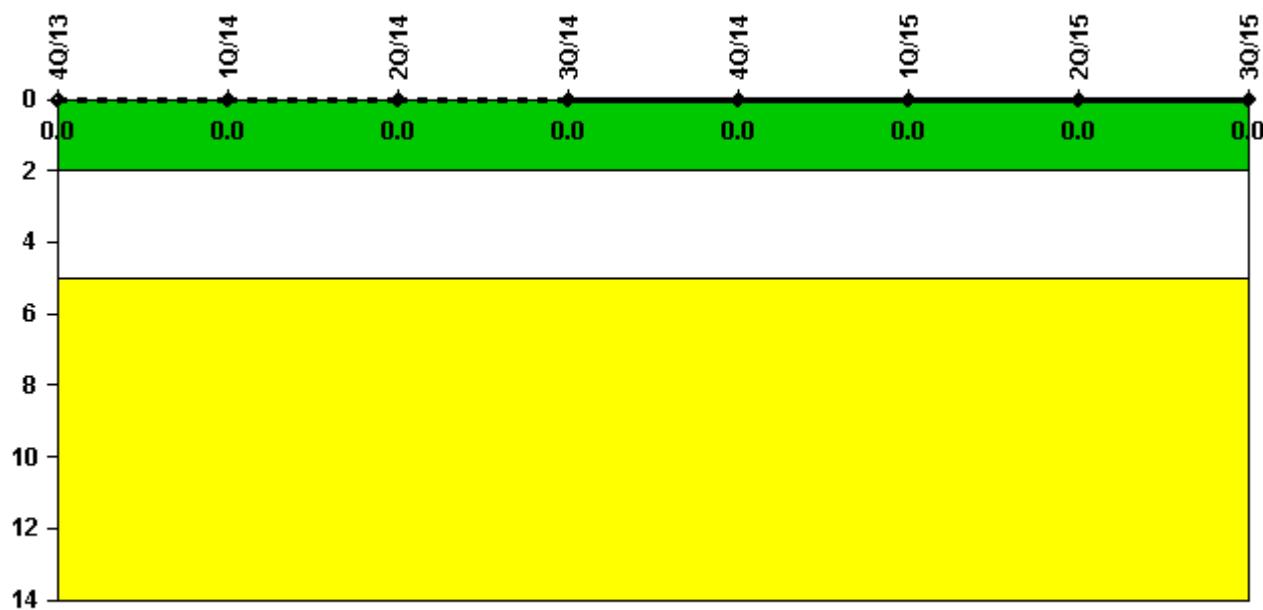
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Successful siren-tests	2933	2935	2939	2928	2940	2895	2937	2985
Total sirens-tests	2944	2940	2944	2944	2944	2898	2944	2990
Indicator value	99.8%	99.8%	99.8%	99.7%	99.7%	99.8%	99.7%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



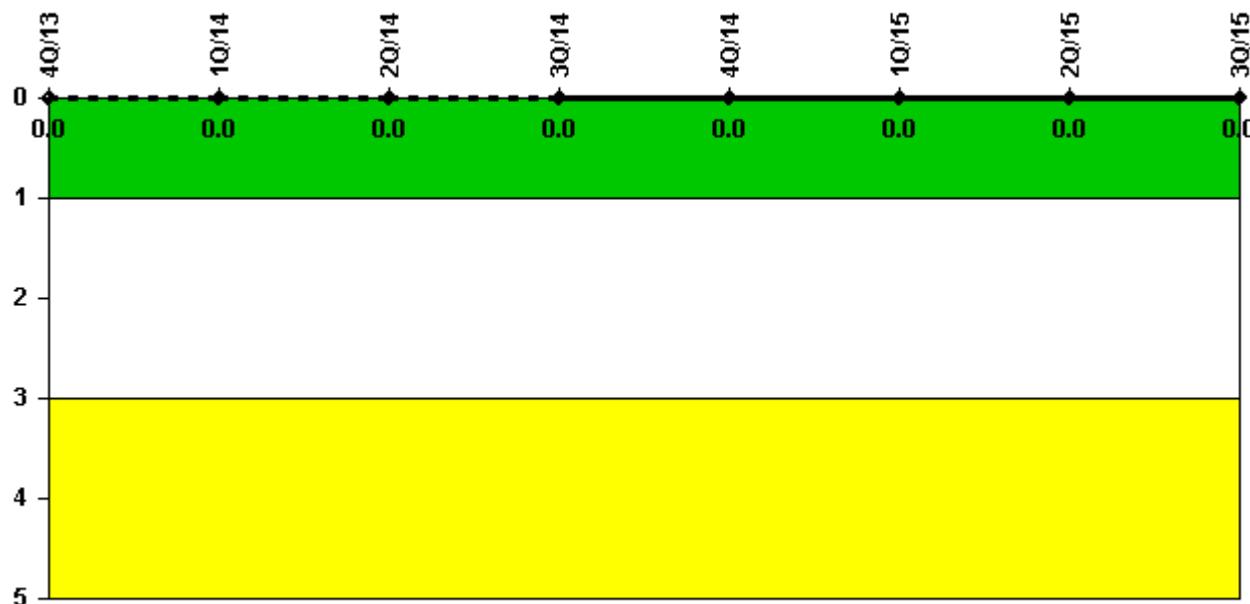
Thresholds: White > 2.0 Yellow > 5.0

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

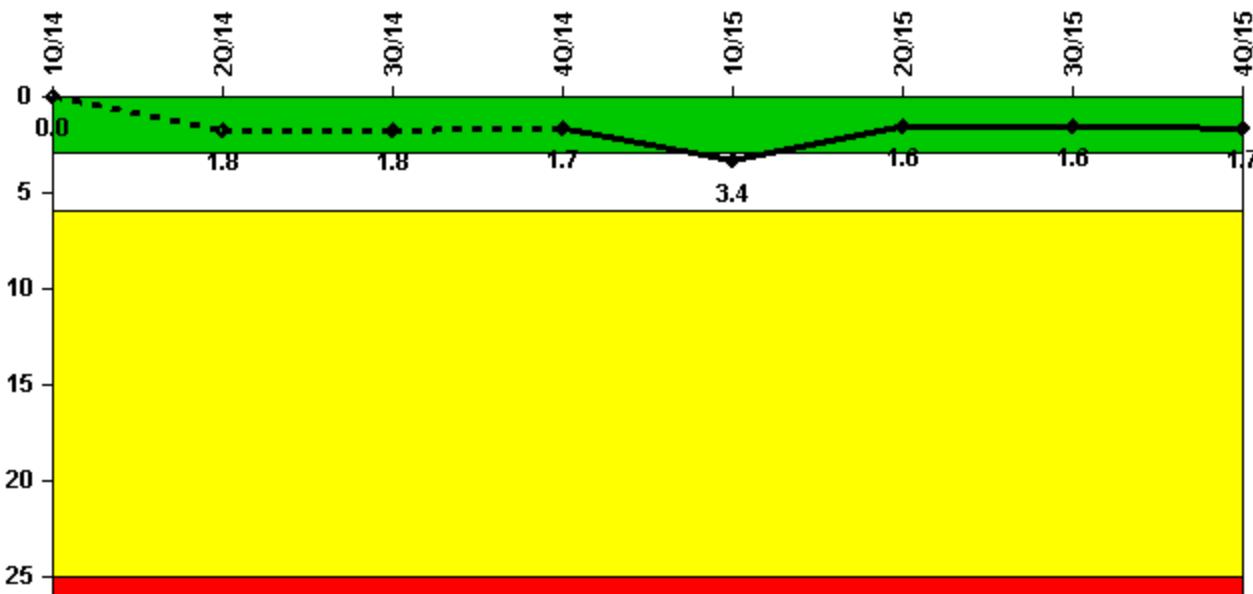
Dresden 2

4Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



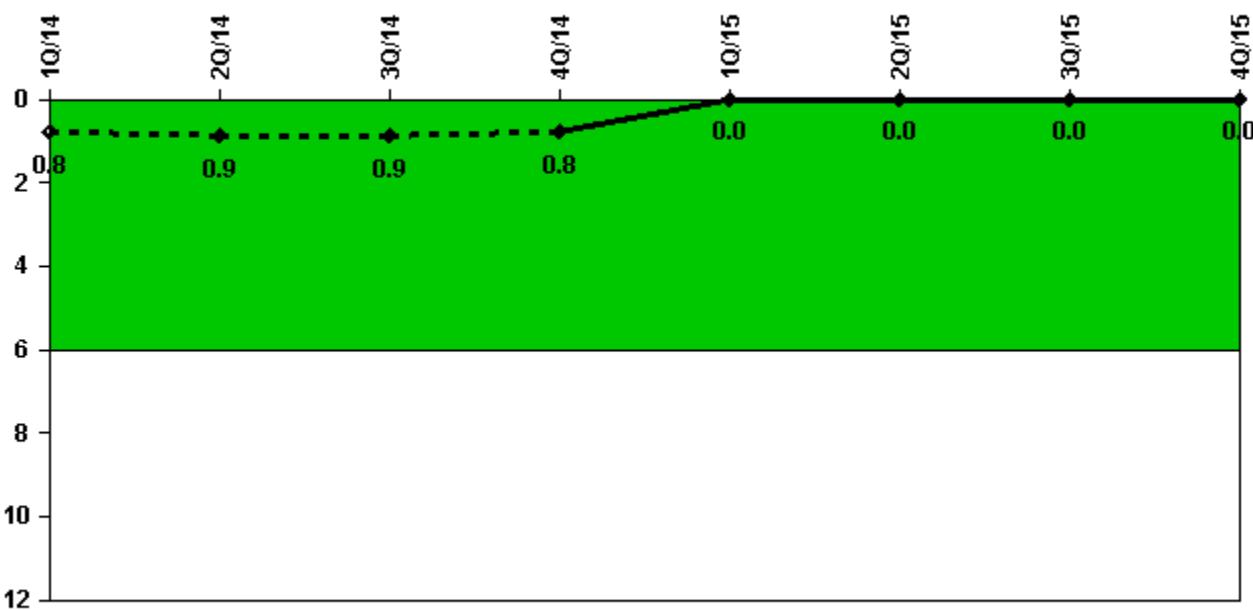
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	2.0	0	0	2.0	0	0	0
Critical hours	2159.0	1822.7	2208.0	2209.0	1998.0	2184.0	2208.0	1779.6
Indicator value	0	1.8	1.8	1.7	3.4	1.6	1.6	1.7

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



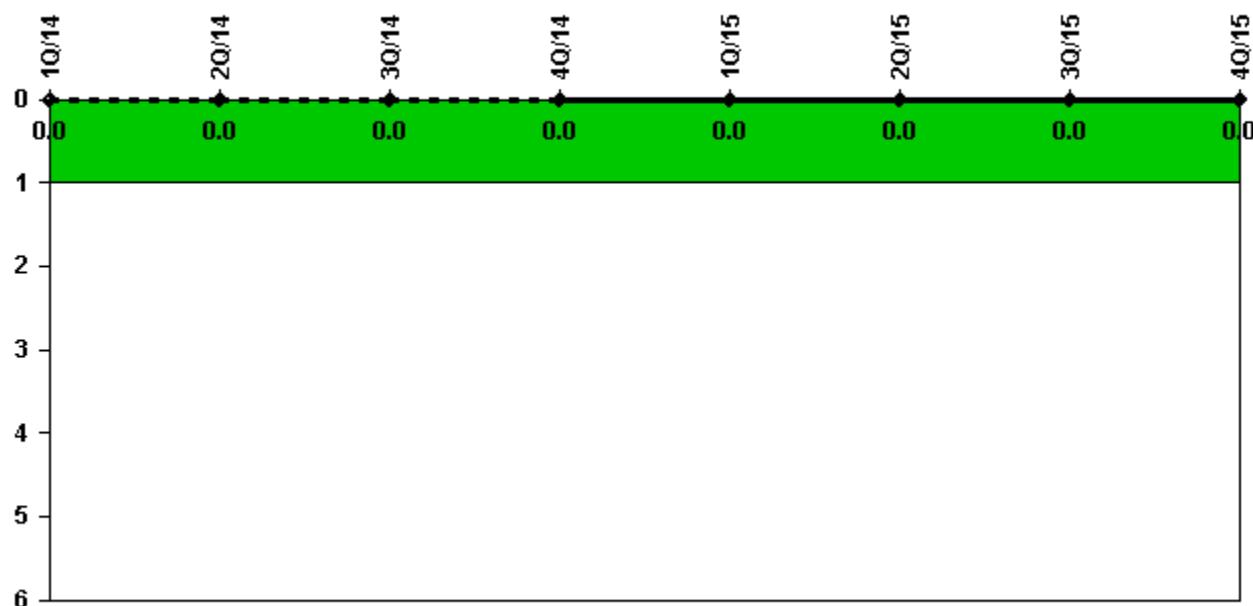
Thresholds: White > 6.0

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	1.0	0	0	0	0	0	0	0
Critical hours	2159.0	1822.7	2208.0	2209.0	1998.0	2184.0	2208.0	1779.6
Indicator value	0.8	0.9	0.9	0.8	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



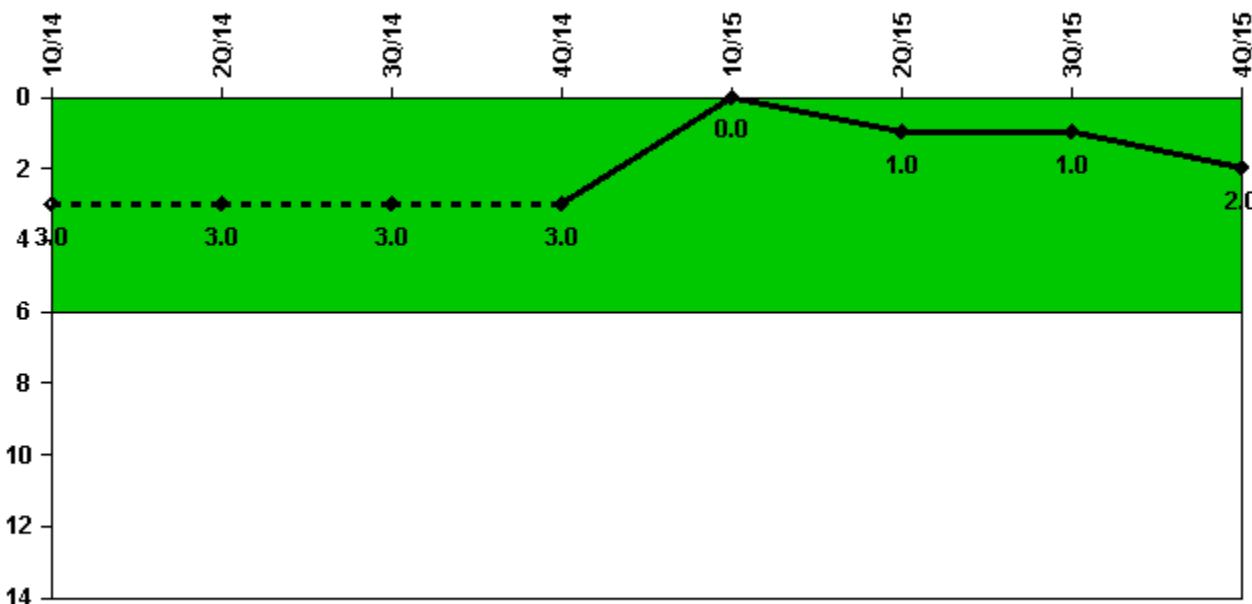
Thresholds: White > 1.0

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 (BWR)



Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Safety System Functional Failures	3	0	0	0	0	1	0	1
Indicator value	3	3	3	3	0	1	1	2

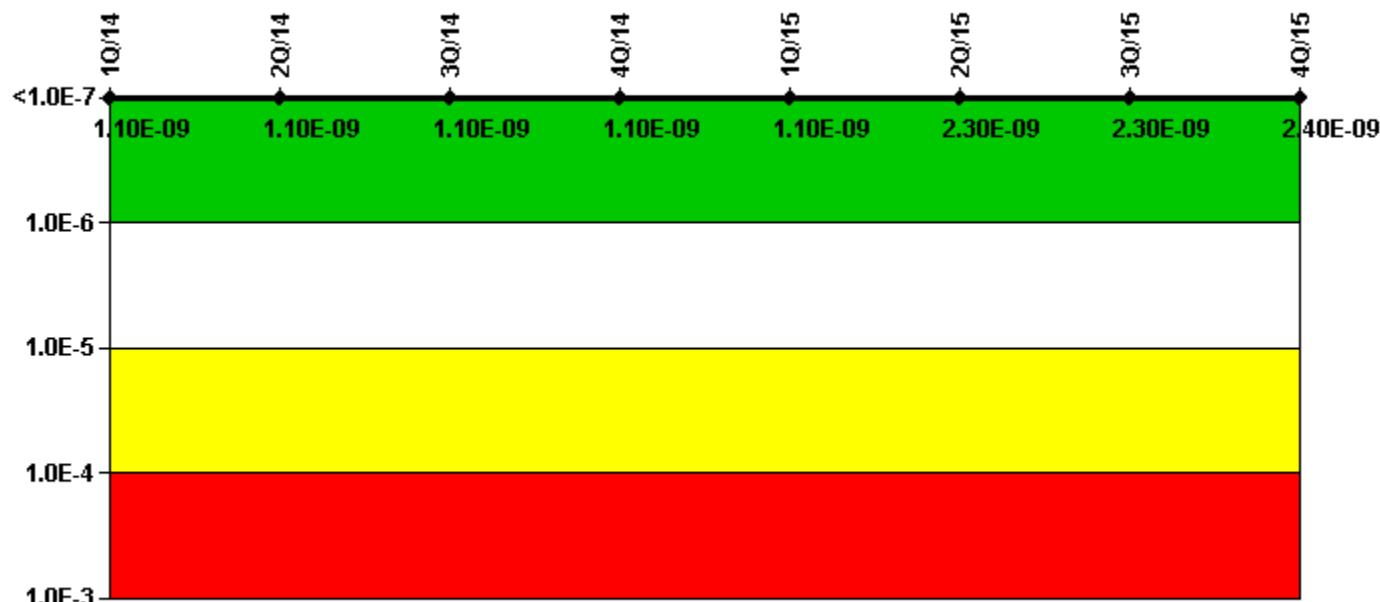
Licensee Comments:

4Q/15: LER 237/2015-003-00 Unit 2 Turbine Building to Reactor Building Interlock Doors Open Simultaneously, dated 10/30/15

2Q/15: LER 237-2015-002-00,"2C ERV Failed to Actuate during Extent of Condition Testing", dated 04-03-2015

1Q/14: (1) Licensee Event Report 237/2013-005-00, Primary Containment Inboard and Outboard Feed Water Isolation Valves Exceed LLRT Limits (2) Licensee Event Report 237/2013-006-00, LPCI Swing Bus Auto Transfer Did Not Transfer as Expected (3) Licensee Event Report 237/2013-009-00, HPCI Failed to Achieve Rated Flow Due to Failure of Stop Valve to Open

Mitigating Systems Performance Index, Emergency AC Power System



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

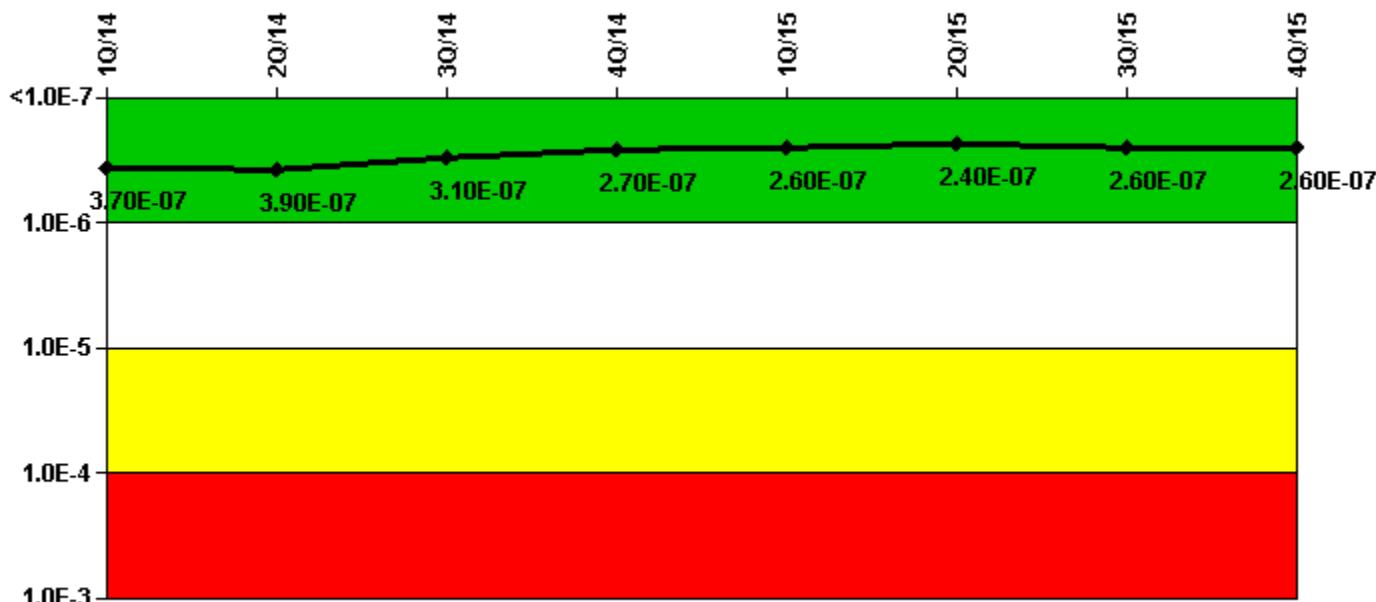
Notes

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)	3.66E-10	3.53E-10	5.96E-11	-2.38E-11	1.75E-11	2.31E-10	2.01E-10	2.67E-10
URI (Δ CDF)	7.23E-10	7.51E-10	1.09E-09	1.08E-09	1.07E-09	2.11E-09	2.12E-09	2.09E-09
PLE	NO							
Indicator value	1.10E-09	1.10E-09	1.10E-09	1.10E-09	1.10E-09	2.30E-09	2.30E-09	2.40E-09

Licensee Comments:

1Q/14: 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

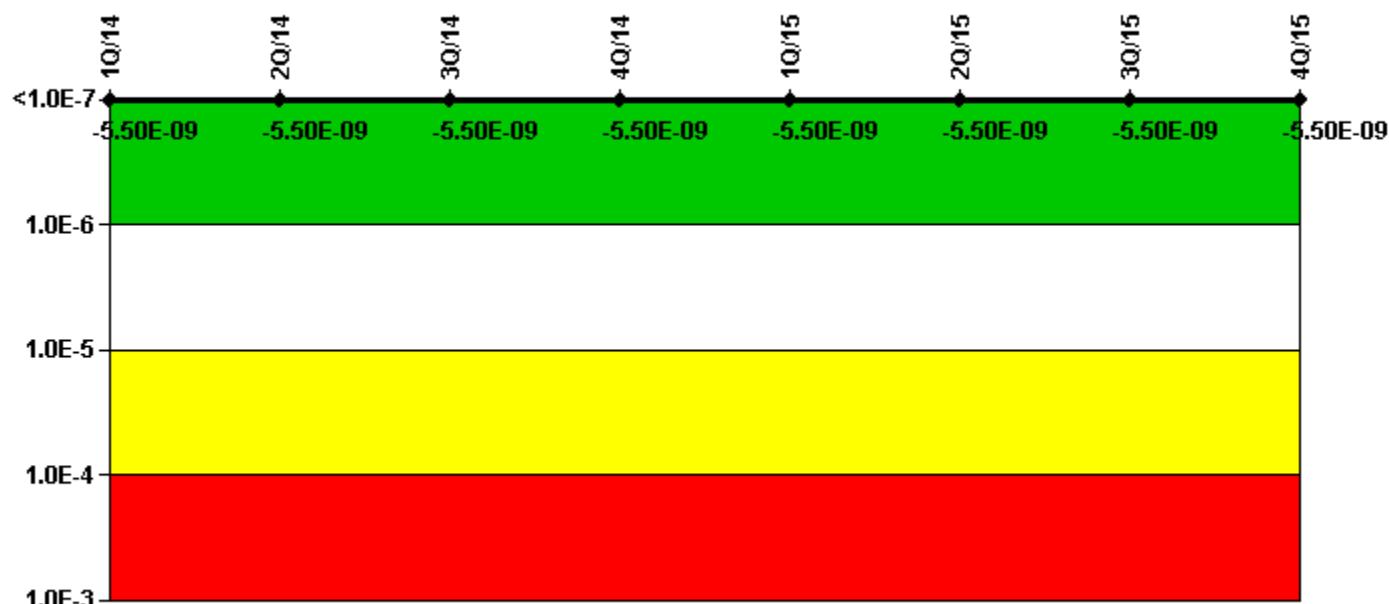
Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
UAI (Δ CDF)	1.66E-07	1.83E-07	1.09E-07	6.97E-08	6.76E-08	4.11E-08	6.30E-08	6.26E-08
URI (Δ CDF)	2.04E-07	2.04E-07	2.04E-07	2.04E-07	1.97E-07	1.97E-07	1.97E-07	1.97E-07
PLE	NO							
Indicator value	3.70E-07	3.90E-07	3.10E-07	2.70E-07	2.60E-07	2.40E-07	2.60E-07	2.60E-07

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



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

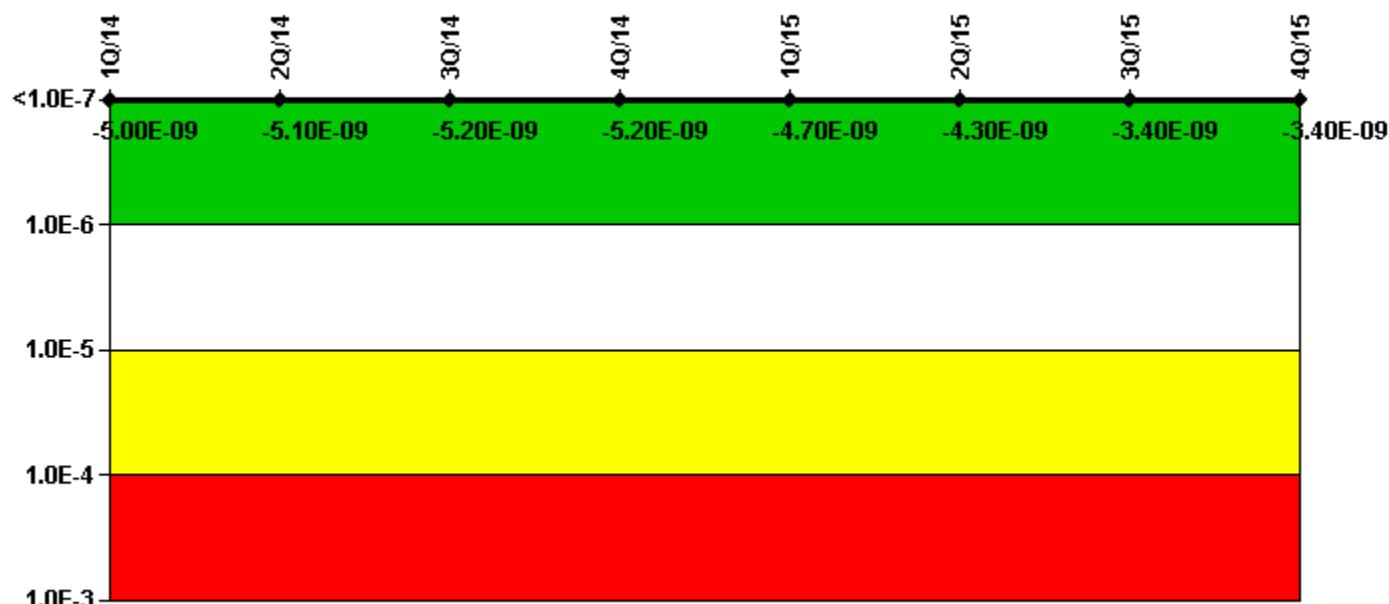
Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
UAI (Δ CDF)	-5.43E-09							
URI (Δ CDF)	-1.01E-10							
PLE	NO							
Indicator value	-5.50E-09							

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System



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

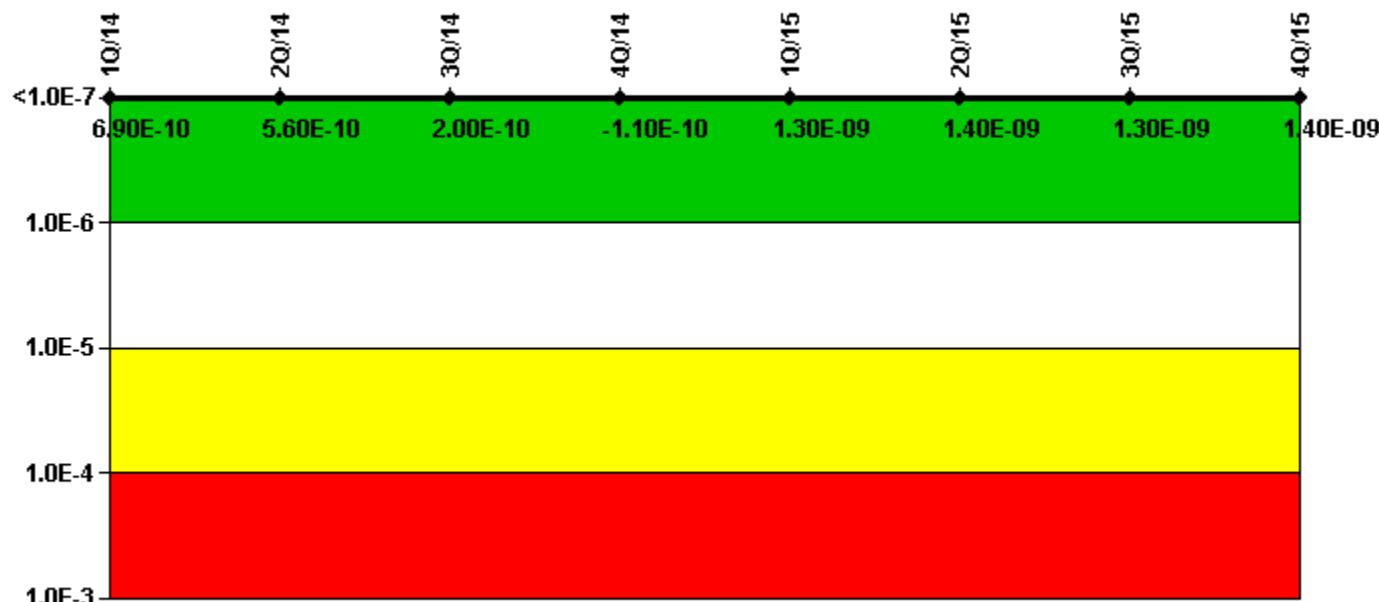
Notes

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)	-1.40E-09	-1.40E-09	-1.40E-09	-1.40E-09	-7.19E-10	-2.50E-10	8.26E-10	1.02E-09
URI (Δ CDF)	-3.58E-09	-3.67E-09	-3.78E-09	-3.84E-09	-3.96E-09	-4.08E-09	-4.24E-09	-4.39E-09
PLE	NO							
Indicator value	-5.00E-09	-5.10E-09	-5.20E-09	-5.20E-09	-4.70E-09	-4.30E-09	-3.40E-09	-3.40E-09

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



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

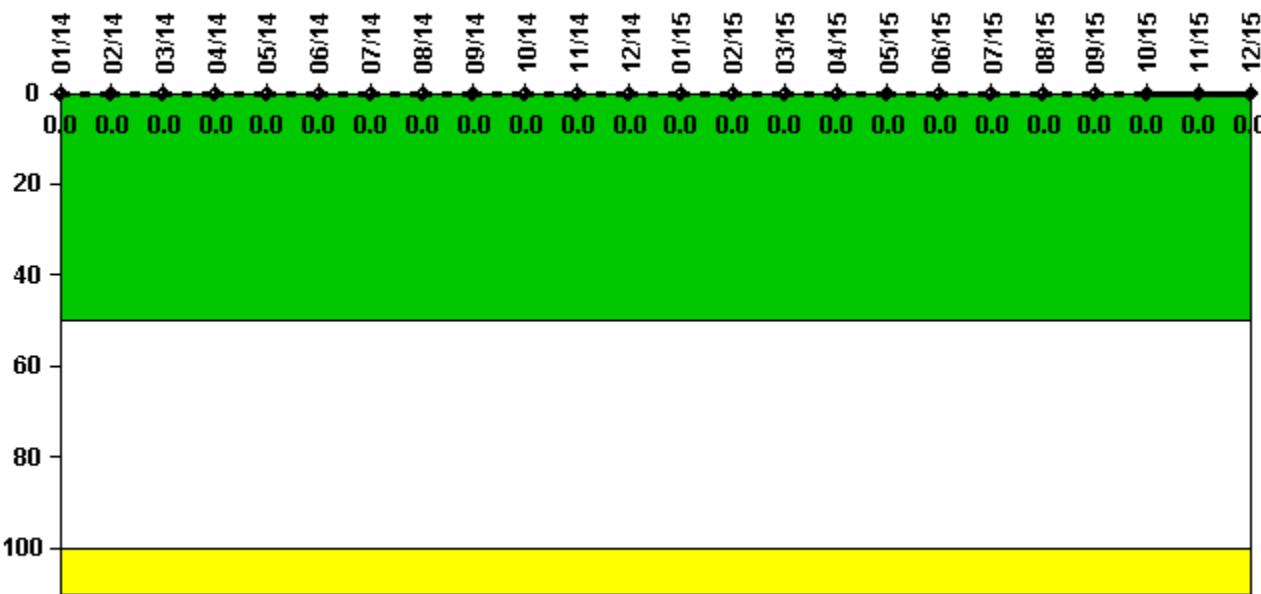
Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
UAI (ΔCDF)	$7.19E-10$	$5.92E-10$	$2.27E-10$	$-8.03E-11$	$1.36E-09$	$1.39E-09$	$1.36E-09$	$1.39E-09$
URI (ΔCDF)	$-2.84E-11$	$-2.79E-11$	$-2.79E-11$	$-2.74E-11$	$-2.74E-11$	$-2.75E-11$	$-2.73E-11$	$-2.74E-11$
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	$6.90E-10$	$5.60E-10$	$2.00E-10$	$-1.10E-10$	$1.30E-09$	$1.40E-09$	$1.30E-09$	$1.40E-09$

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Reactor Coolant System Activity



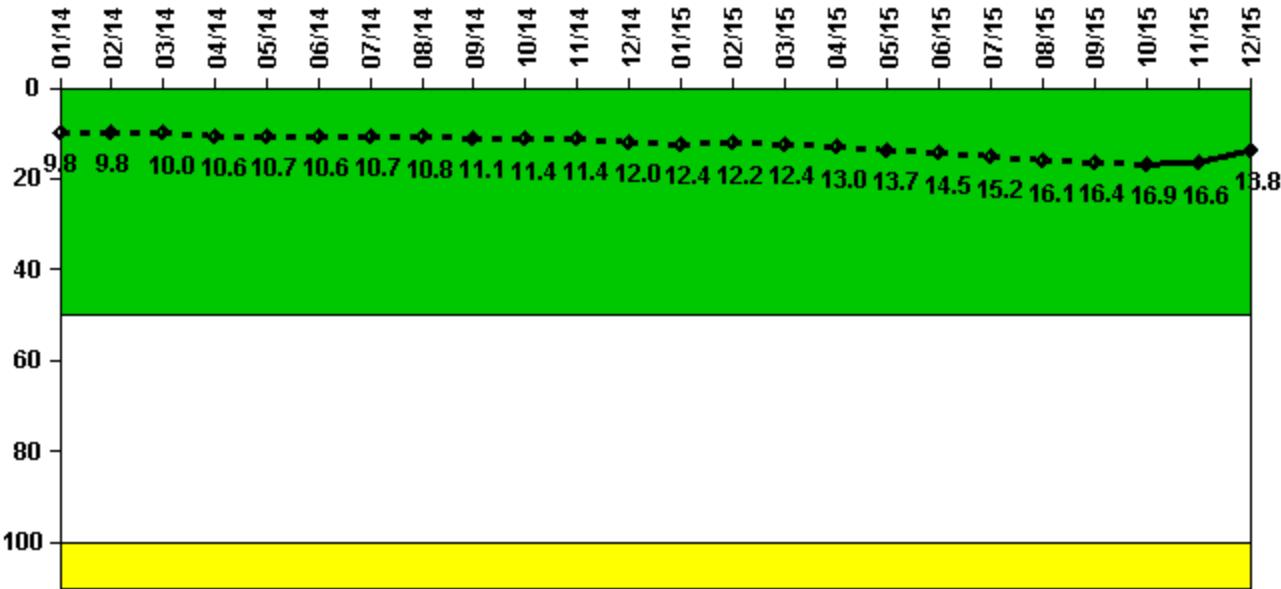
Thresholds: White > 50.0 Yellow > 100.0

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	0.000014	0.000005	0.000018	0.000027	0.000011	0.000005	0.000006	0.000005	0.000007	0.000011	0.000006	0.000008
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
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	0.000005	0.000007	0.000008	0.000007	0.000006	0.000007	0.000006	0.000007	0.000008	0.000010	0.000004	0.000003
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



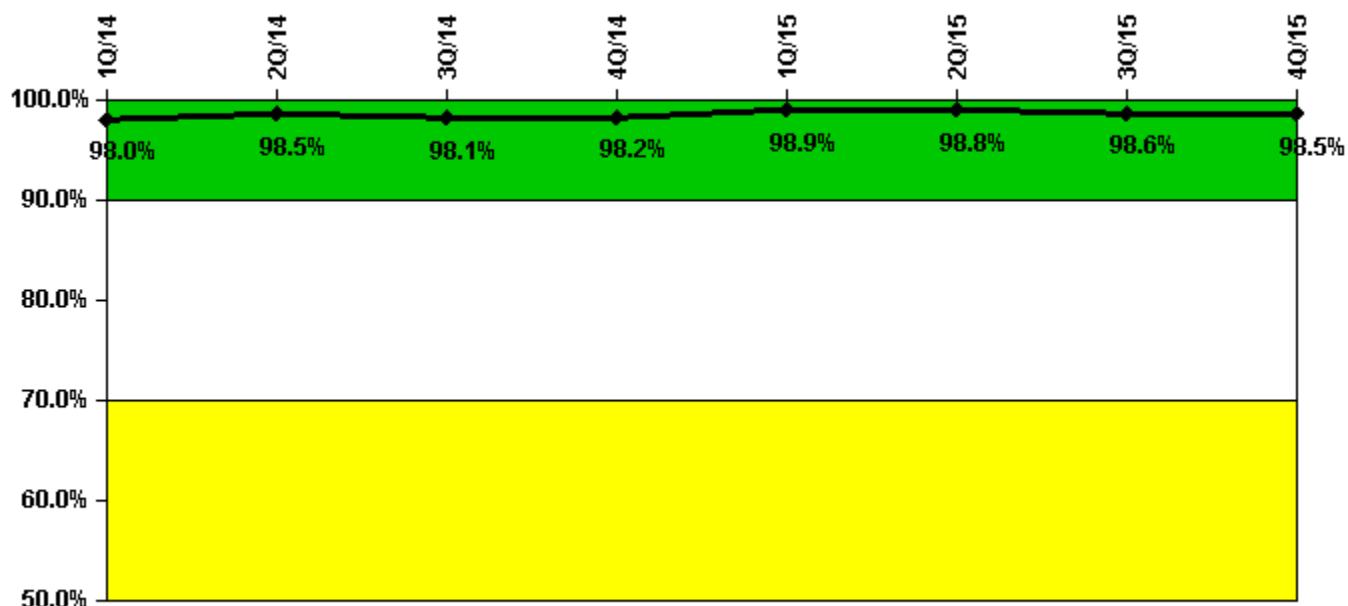
Thresholds: White > 50.0 Yellow > 100.0

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	2.448	2.438	2.508	2.640	2.670	2.643	2.672	2.712	2.775	2.840	2.840	3.003
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	9.8	9.8	10.0	10.6	10.7	10.6	10.7	10.8	11.1	11.4	11.4	12.0
Reactor Coolant System Leakage	1/15	2/15	3/15	4/15	5/15	6/15	7/15	8/15	9/15	10/15	11/15	12/15
Maximum leakage	3.093	3.042	3.095	3.262	3.434	3.630	3.808	4.030	4.088	4.219	4.144	3.444
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	12.4	12.2	12.4	13.0	13.7	14.5	15.2	16.1	16.4	16.9	16.6	13.8

Licensee Comments: none

Drill/Exercise Performance



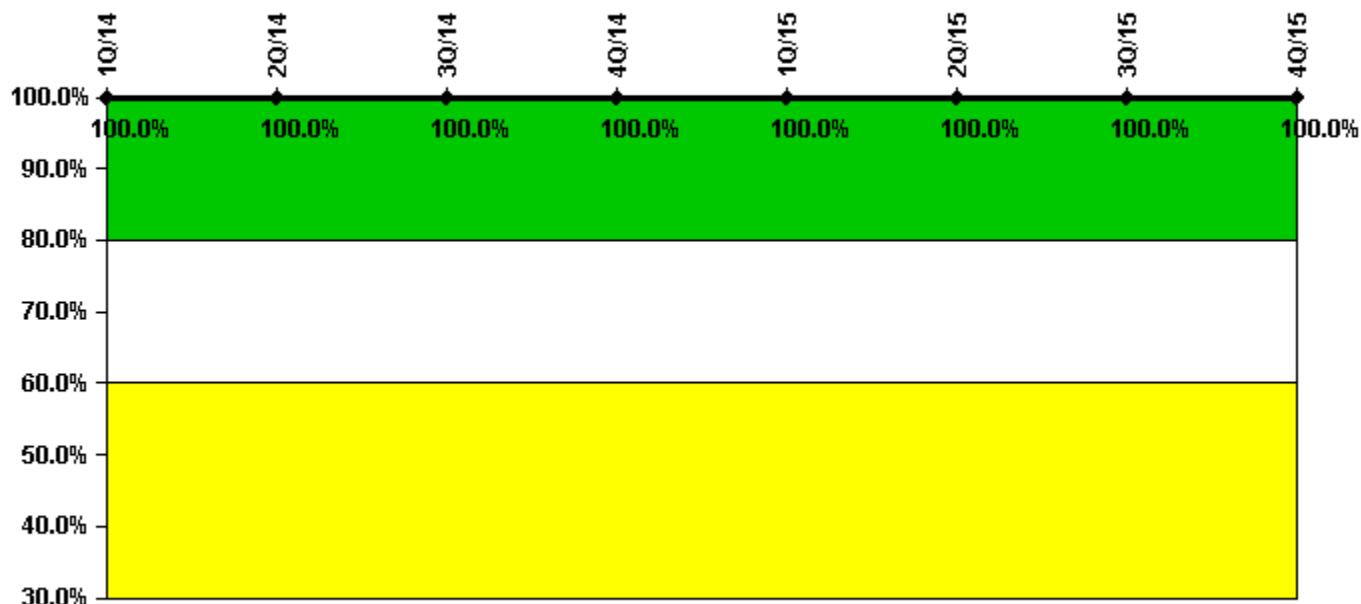
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Successful opportunities	42.0	79.0	61.0	40.0	47.0	65.0	44.0	27.0
Total opportunities	42.0	80.0	63.0	40.0	47.0	67.0	45.0	27.0
Indicator value	98.0%	98.5%	98.1%	98.2%	98.9%	98.8%	98.6%	98.5%

Licensee Comments: none

ERO Drill Participation



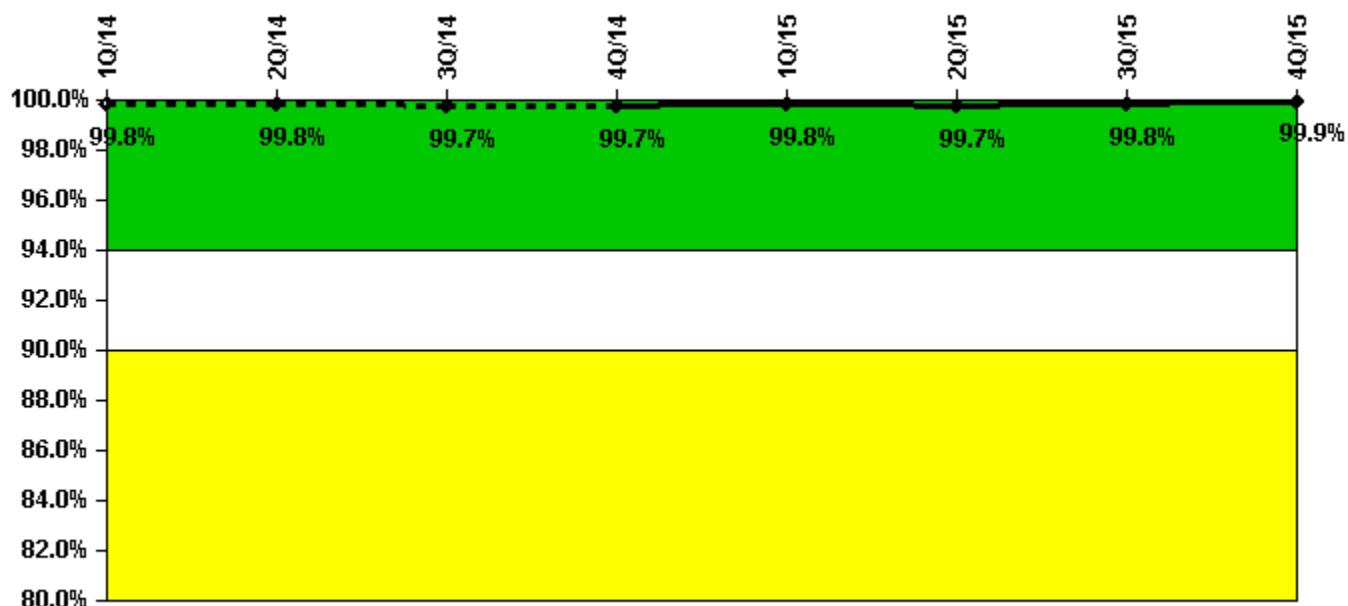
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Participating Key personnel	76.0	78.0	78.0	78.0	72.0	75.0	72.0	77.0
Total Key personnel	76.0	78.0	78.0	78.0	72.0	75.0	72.0	77.0
Indicator value	100.0%							

Licensee Comments: none

Alert & Notification System



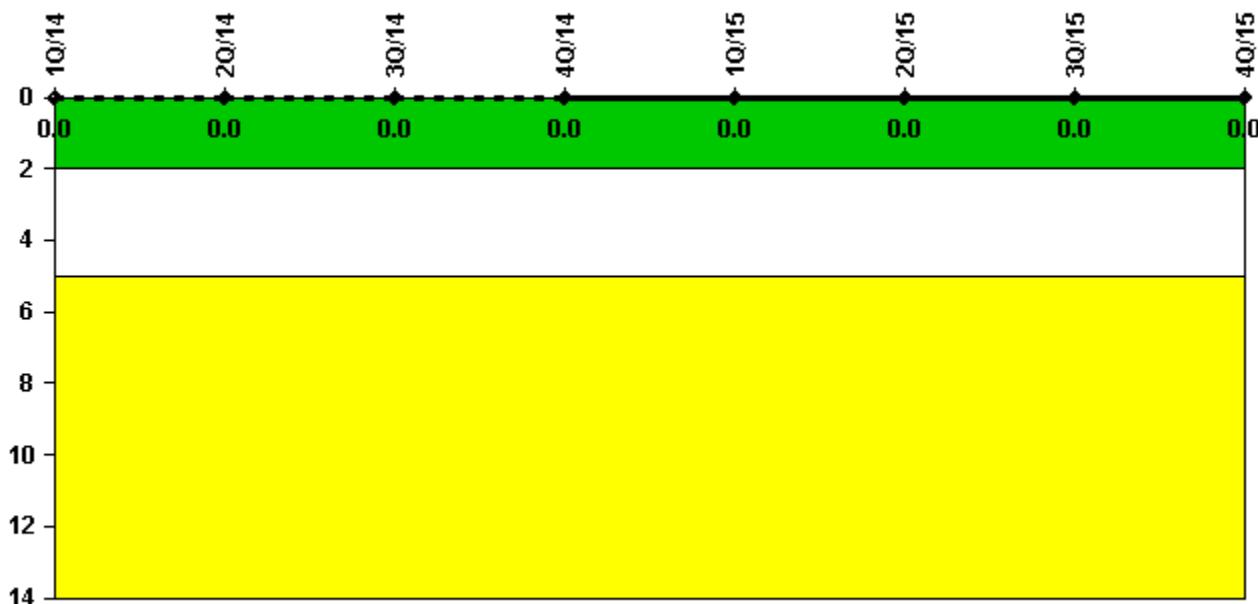
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Successful siren-tests	2935	2939	2928	2940	2895	2937	2985	2943
Total sirens-tests	2940	2944	2944	2944	2898	2944	2990	2944
Indicator value	99.8%	99.8%	99.7%	99.7%	99.8%	99.7%	99.8%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



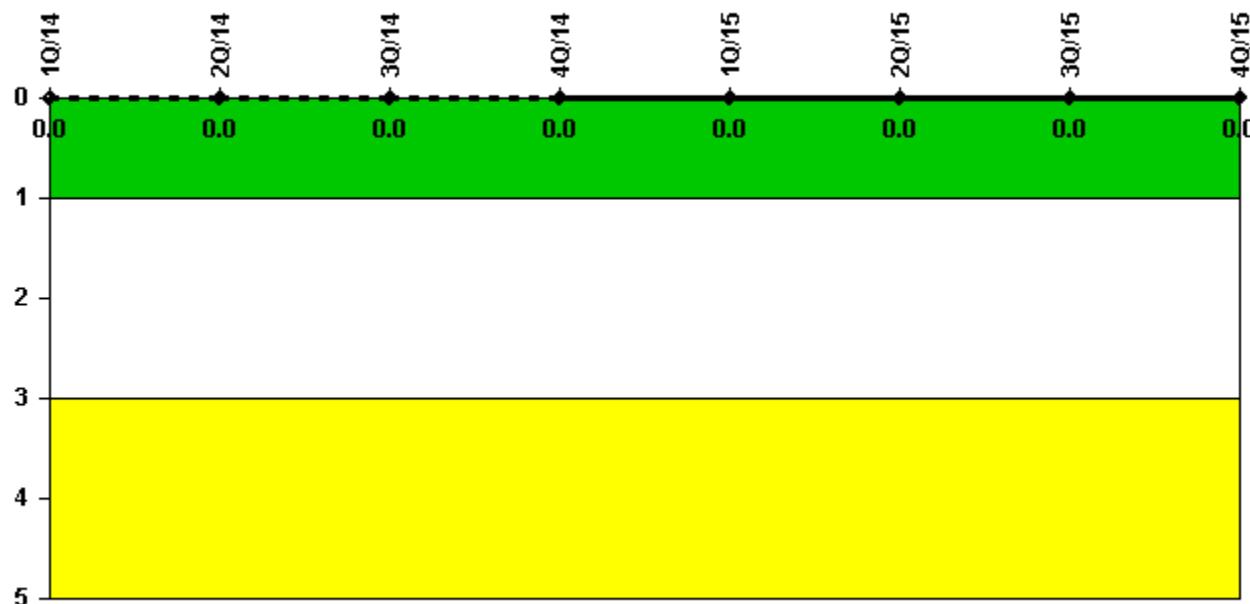
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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

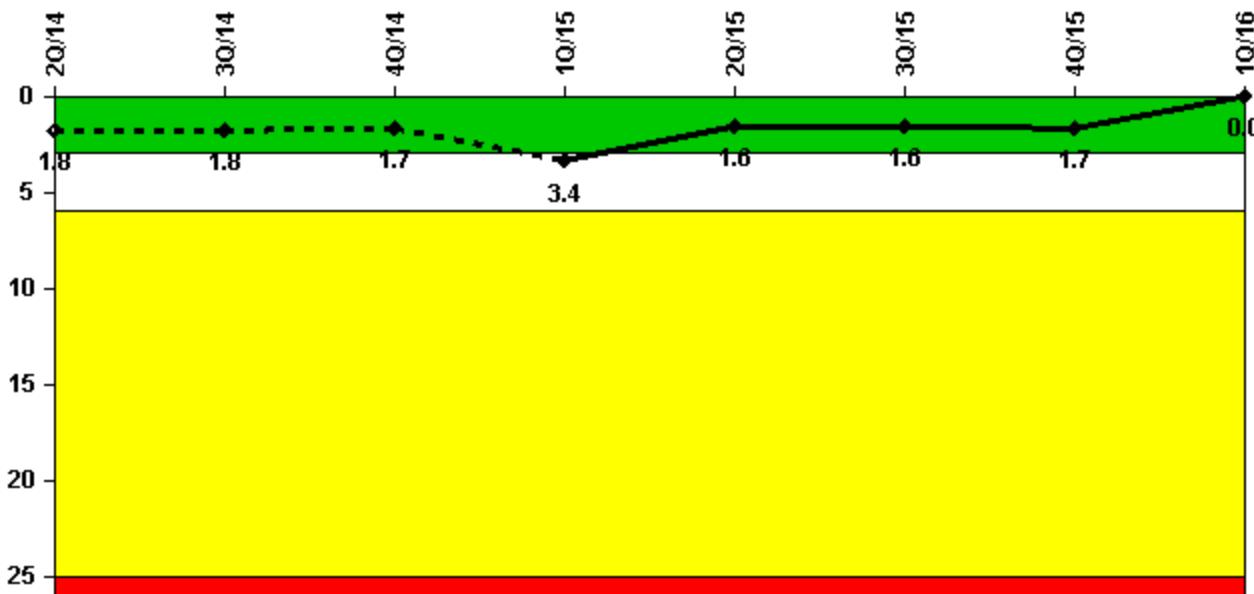
Dresden 2

1Q/2016 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



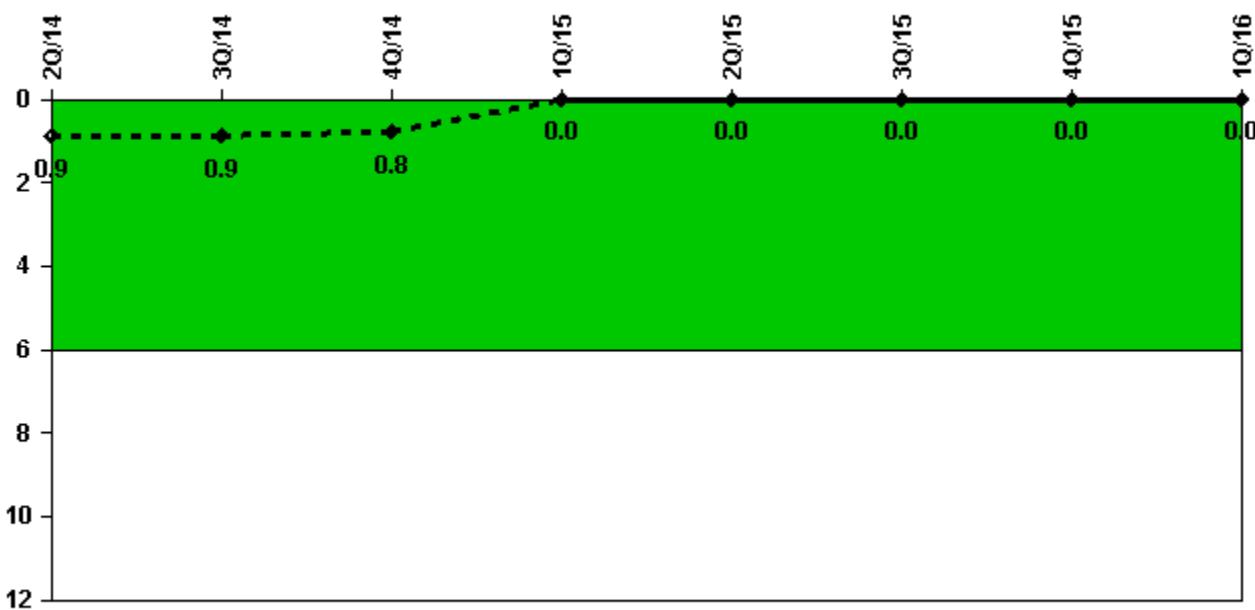
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	2.0	0	0	2.0	0	0	0	0
Critical hours	1822.7	2208.0	2209.0	1998.0	2184.0	2208.0	1779.6	2183.0
Indicator value	1.8	1.8	1.7	3.4	1.6	1.6	1.7	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



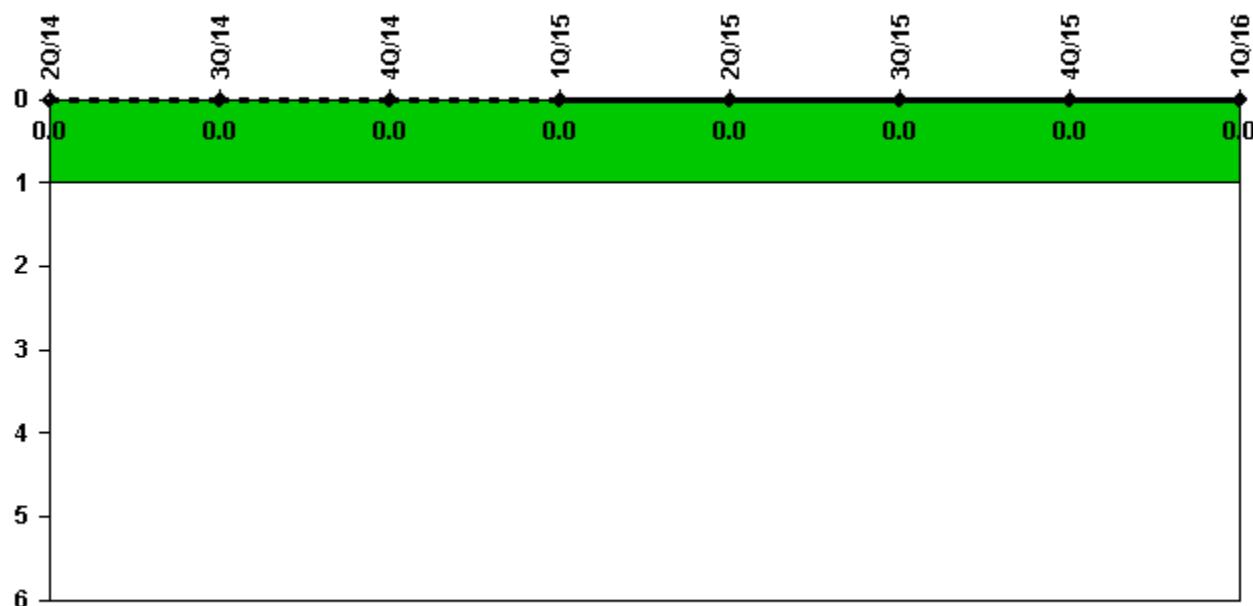
Thresholds: White > 6.0

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	0	0
Critical hours	1822.7	2208.0	2209.0	1998.0	2184.0	2208.0	1779.6	2183.0
Indicator value	0.9	0.9	0.8	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



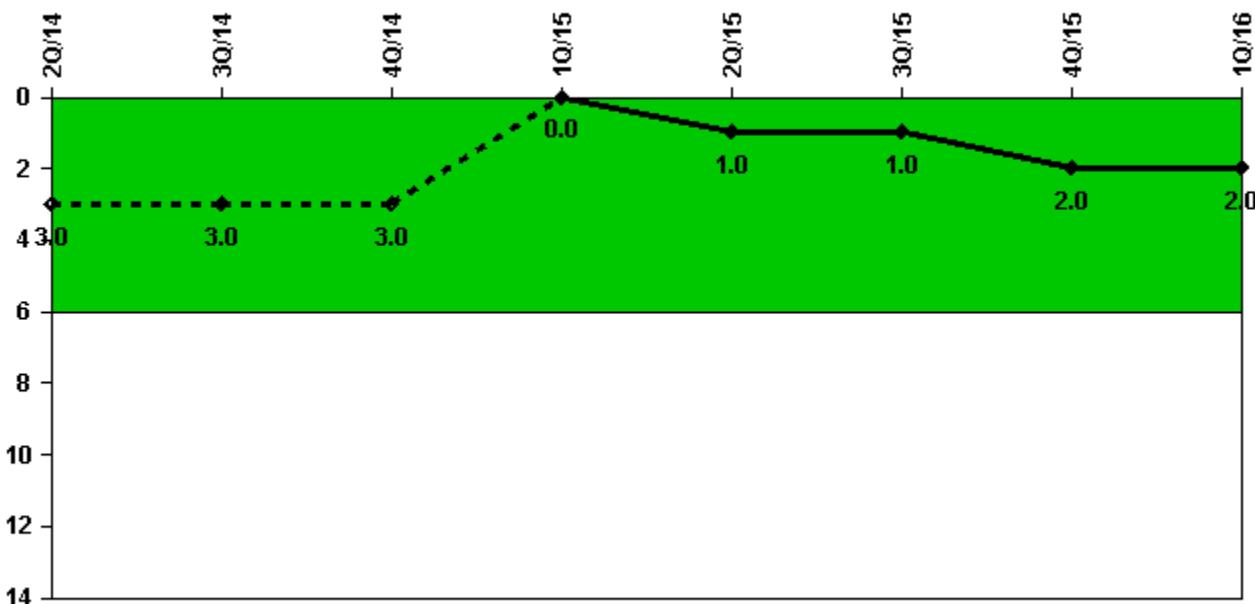
Thresholds: White > 1.0

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 (BWR)



Thresholds: White > 6.0

Notes

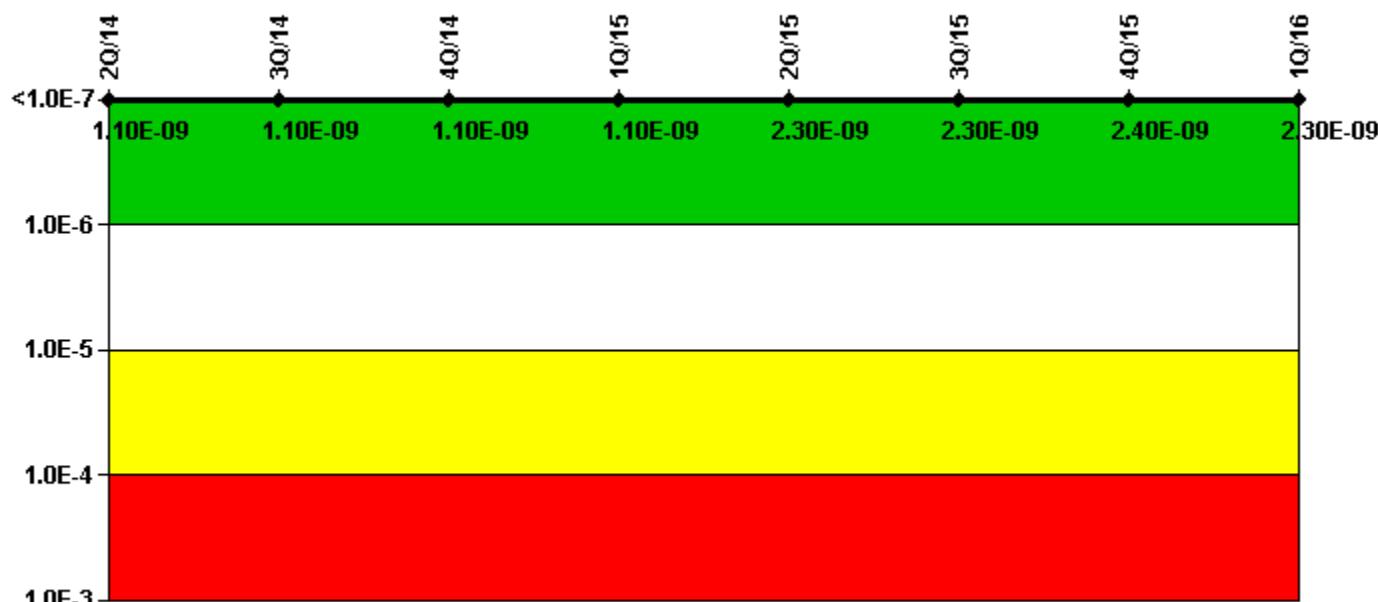
Safety System Functional Failures (BWR)	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Safety System Functional Failures	0	0	0	0	1	0	1	0
Indicator value	3	3	3	0	1	1	2	2

Licensee Comments:

4Q/15: LER 237/2015-003-00 Unit 2 Turbine Building to Reactor Building Interlock Doors Open Simultaneously, dated 10/30/15

2Q/15: LER 237-2015-002-00, "2C ERV Failed to Actuate during Extent of Condition Testing", dated 04-03-2015

Mitigating Systems Performance Index, Emergency AC Power System



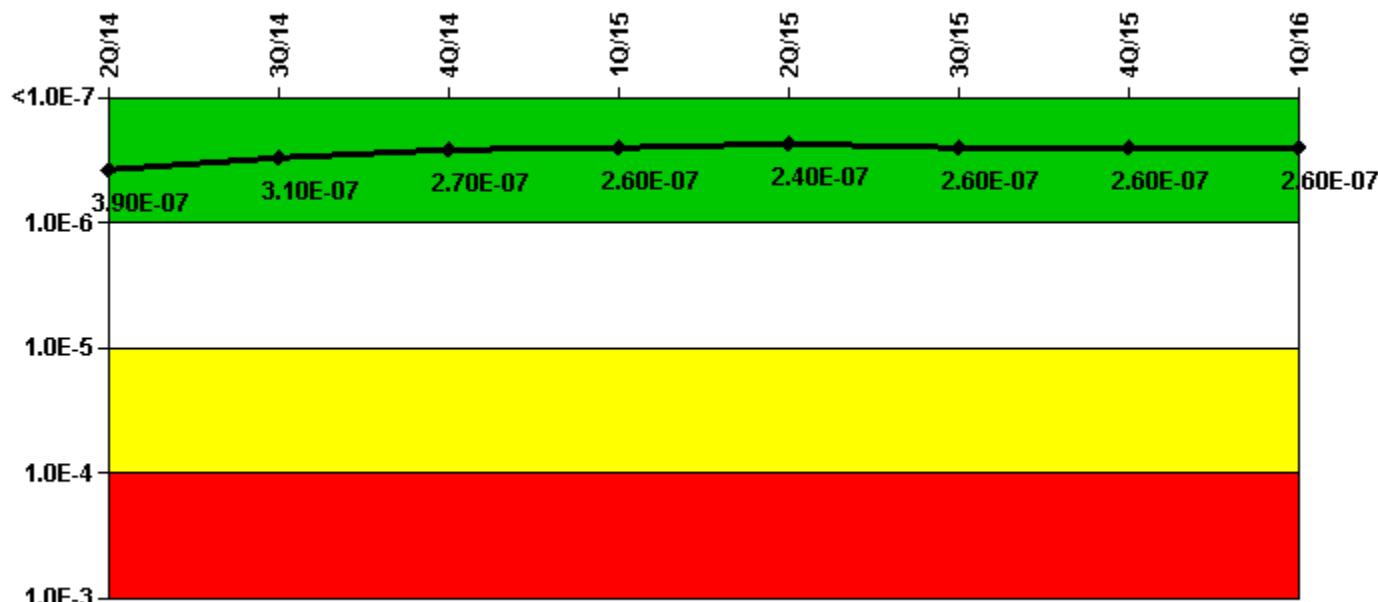
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	3.53E-10	5.96E-11	-2.38E-11	1.75E-11	2.31E-10	2.01E-10	2.67E-10	2.76E-10
URI (Δ CDF)	7.51E-10	1.09E-09	1.08E-09	1.07E-09	2.11E-09	2.12E-09	2.09E-09	2.02E-09
PLE	NO							
Indicator value	1.10E-09	1.10E-09	1.10E-09	1.10E-09	2.30E-09	2.30E-09	2.40E-09	2.30E-09

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



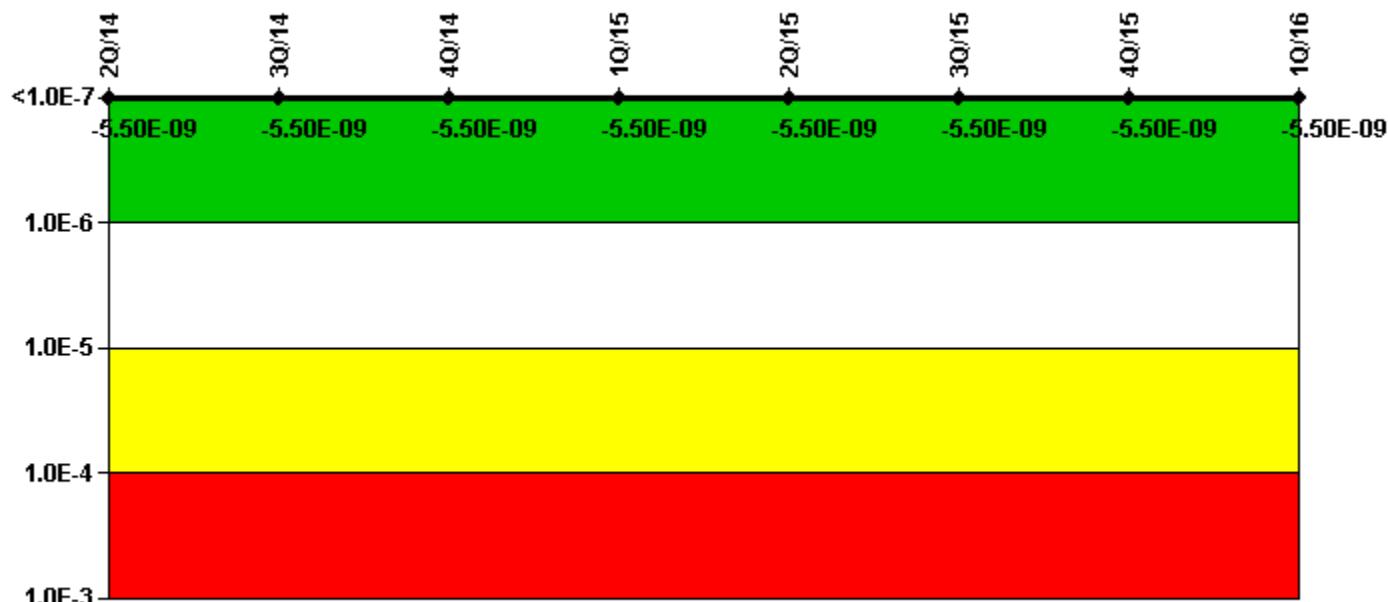
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
UAI (Δ CDF)	1.83E-07	1.09E-07	6.97E-08	6.76E-08	4.11E-08	6.30E-08	6.26E-08	6.25E-08
URI (Δ CDF)	2.04E-07	2.04E-07	2.04E-07	1.97E-07	1.97E-07	1.97E-07	1.97E-07	1.97E-07
PLE	NO							
Indicator value	3.90E-07	3.10E-07	2.70E-07	2.60E-07	2.40E-07	2.60E-07	2.60E-07	2.60E-07

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



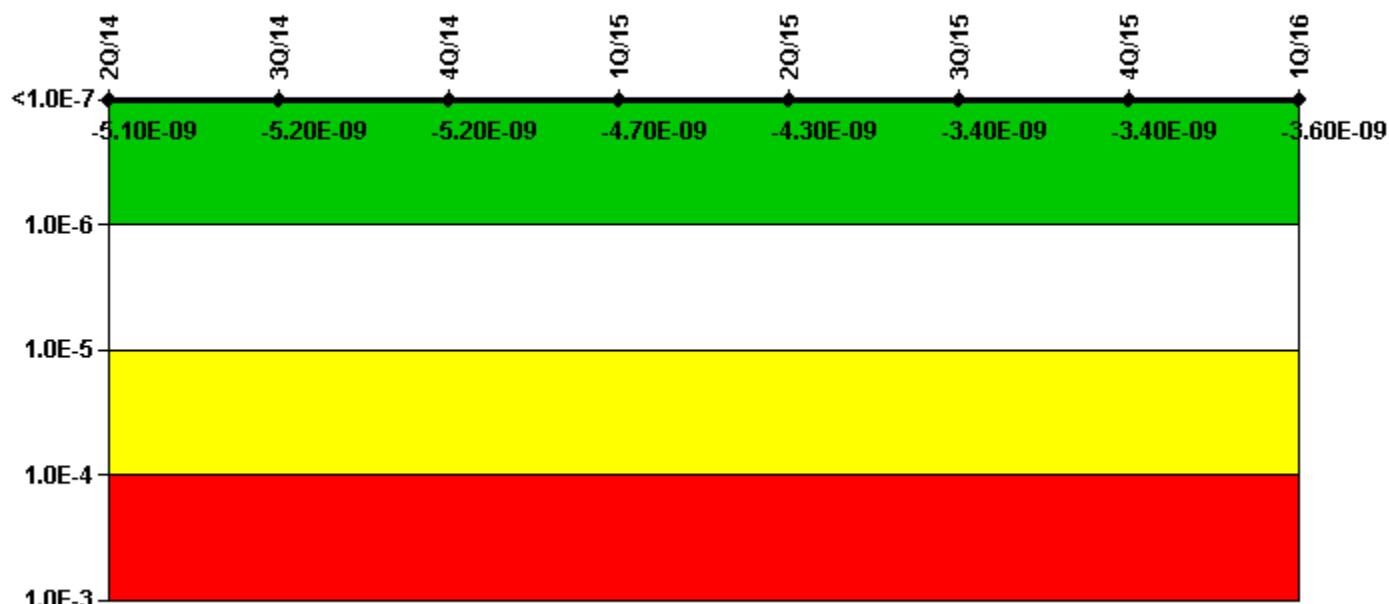
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	-5.43E-09							
URI (Δ CDF)	-1.01E-10							
PLE	NO							
Indicator value	-5.50E-09							

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



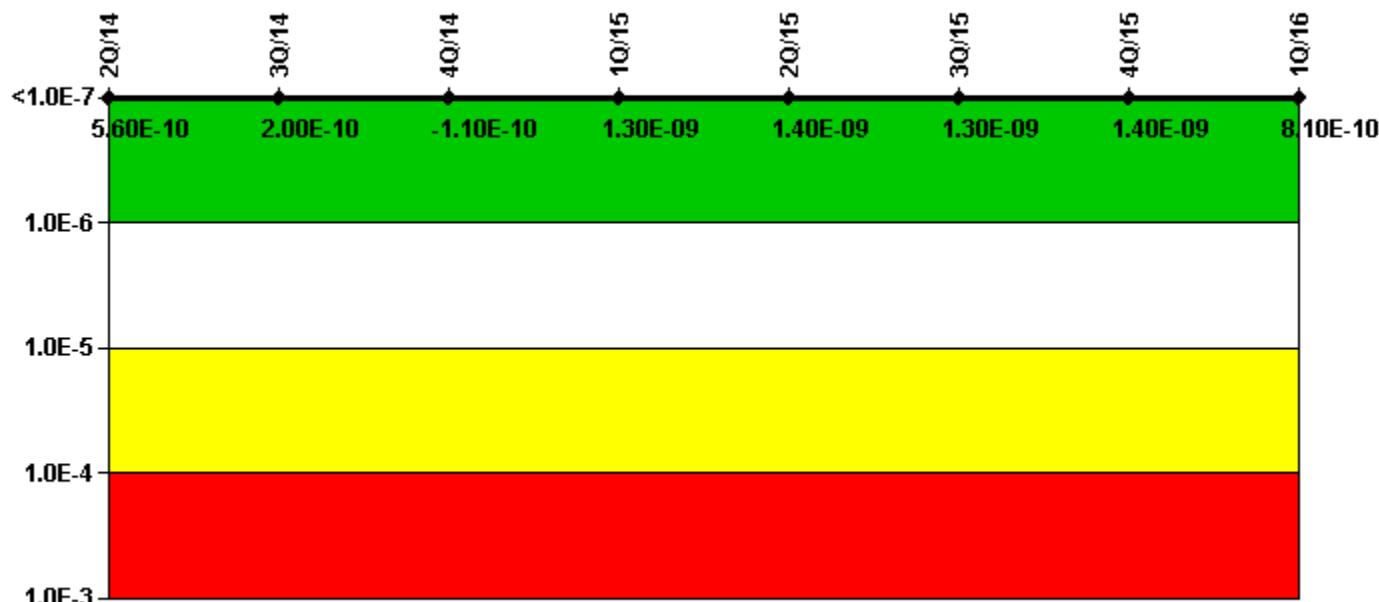
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
UAI (Δ CDF)	-1.40E-09	-1.40E-09	-1.40E-09	-7.19E-10	-2.50E-10	8.26E-10	1.02E-09	8.71E-10
URI (Δ CDF)	-3.67E-09	-3.78E-09	-3.84E-09	-3.96E-09	-4.08E-09	-4.24E-09	-4.39E-09	-4.45E-09
PLE	NO							
Indicator value	-5.10E-09	-5.20E-09	-5.20E-09	-4.70E-09	-4.30E-09	-3.40E-09	-3.40E-09	-3.60E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



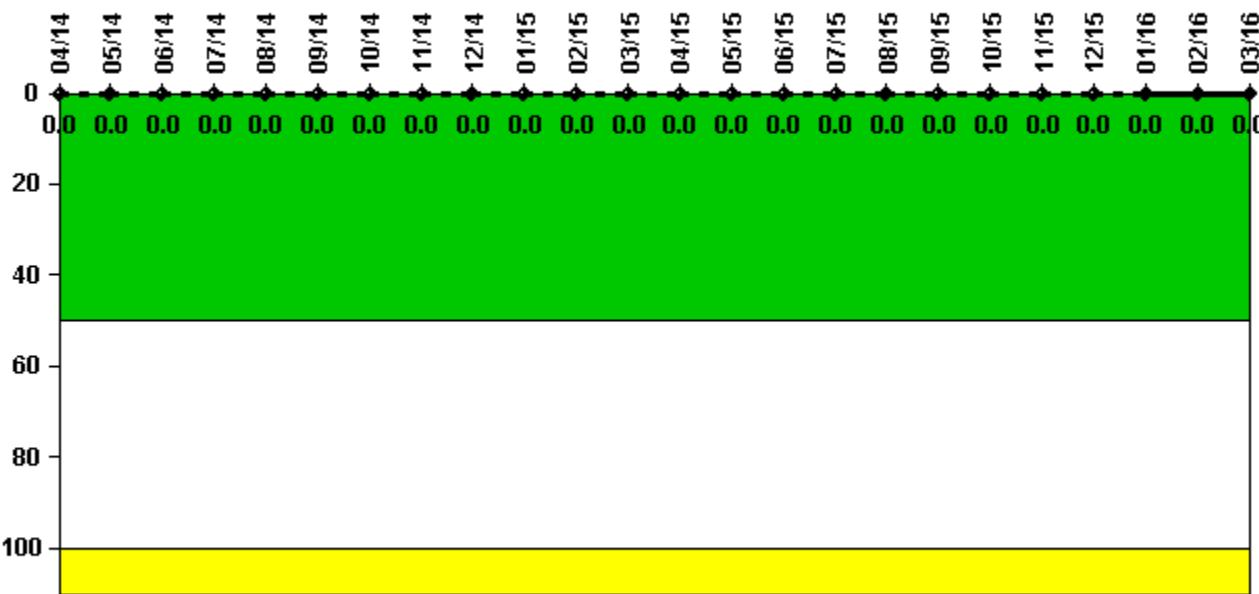
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	5.92E-10	2.27E-10	-8.03E-11	1.36E-09	1.39E-09	1.36E-09	1.39E-09	8.33E-10
URI (Δ CDF)	-2.79E-11	-2.79E-11	-2.74E-11	-2.74E-11	-2.75E-11	-2.73E-11	-2.74E-11	-2.74E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	5.60E-10	2.00E-10	-1.10E-10	1.30E-09	1.40E-09	1.30E-09	1.40E-09	8.10E-10

Licensee Comments: none

Reactor Coolant System Activity



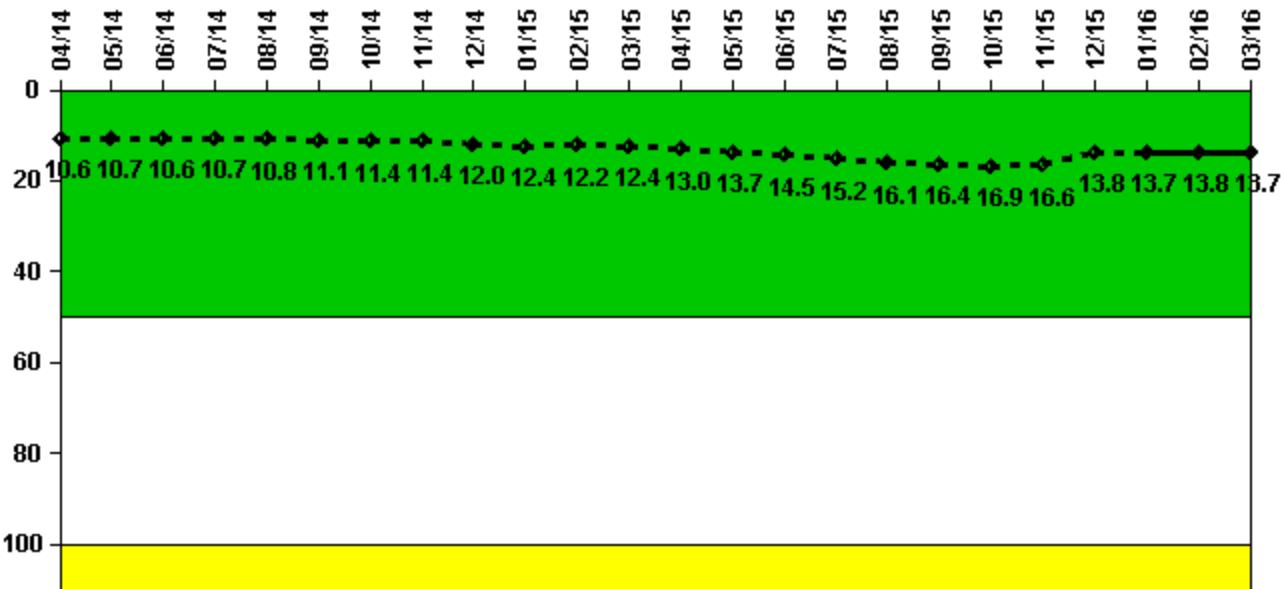
Thresholds: White > 50.0 Yellow > 100.0

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	0.000027	0.000011	0.000005	0.000006	0.000005	0.000007	0.000011	0.000006	0.000008	0.000005	0.000007	0.000008
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
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	0.000007	0.000006	0.000007	0.000006	0.000007	0.000008	0.000010	0.000004	0.000003	0.000003	0.000004	0.000002
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



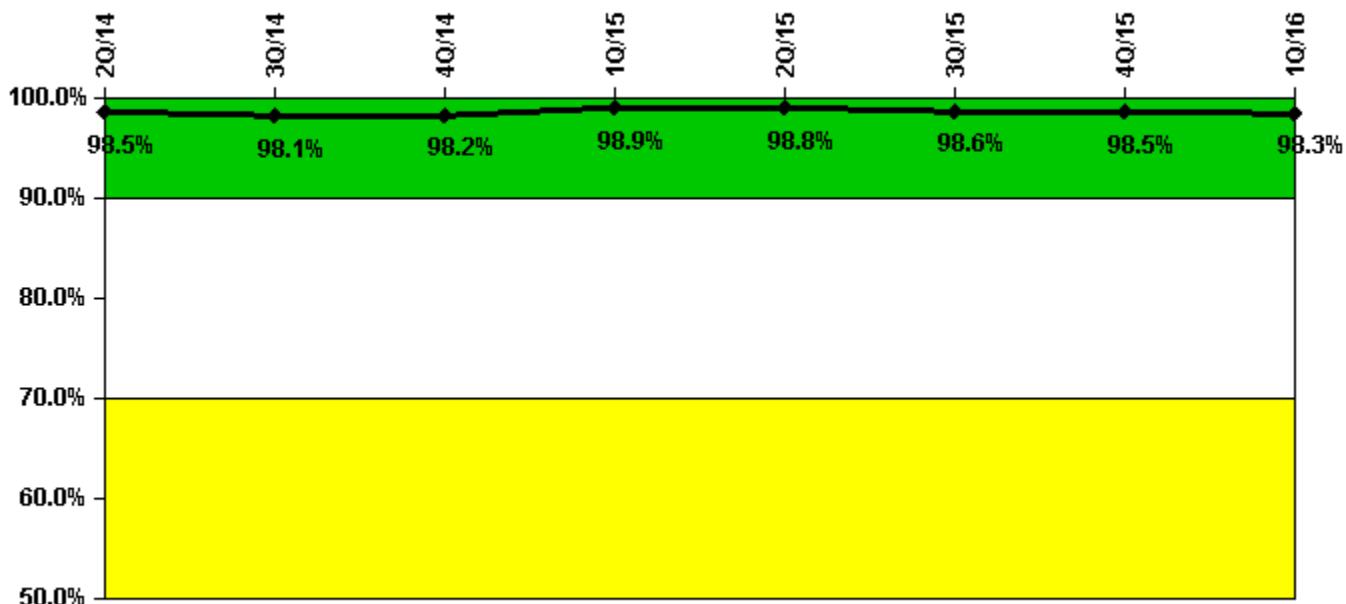
Thresholds: White > 50.0 Yellow > 100.0

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	2.640	2.670	2.643	2.672	2.712	2.775	2.840	2.840	3.003	3.093	3.042	3.095
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	10.6	10.7	10.6	10.7	10.8	11.1	11.4	11.4	12.0	12.4	12.2	12.4
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	3.262	3.434	3.630	3.808	4.030	4.088	4.219	4.144	3.444	3.413	3.440	3.430
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	13.0	13.7	14.5	15.2	16.1	16.4	16.9	16.6	13.8	13.7	13.8	13.7

Licensee Comments: none

Drill/Exercise Performance



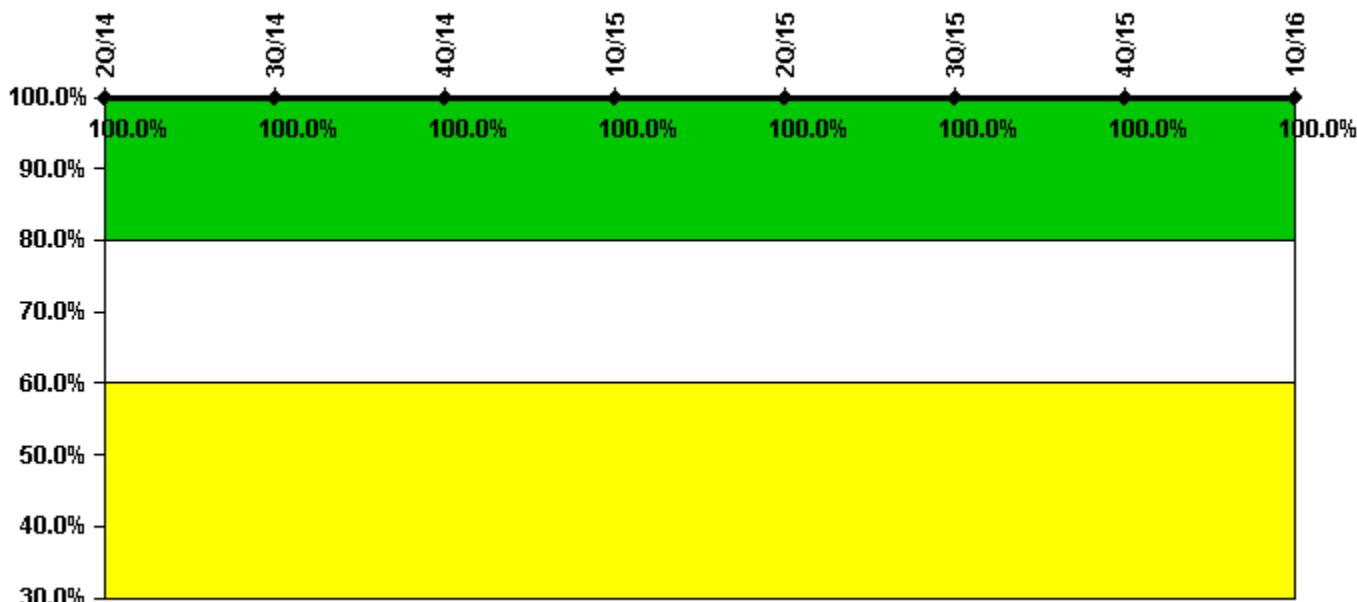
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Successful opportunities	79.0	61.0	40.0	47.0	65.0	44.0	27.0	31.0
Total opportunities	80.0	63.0	40.0	47.0	67.0	45.0	27.0	32.0
Indicator value	98.5%	98.1%	98.2%	98.9%	98.8%	98.6%	98.5%	98.3%

Licensee Comments: none

ERO Drill Participation



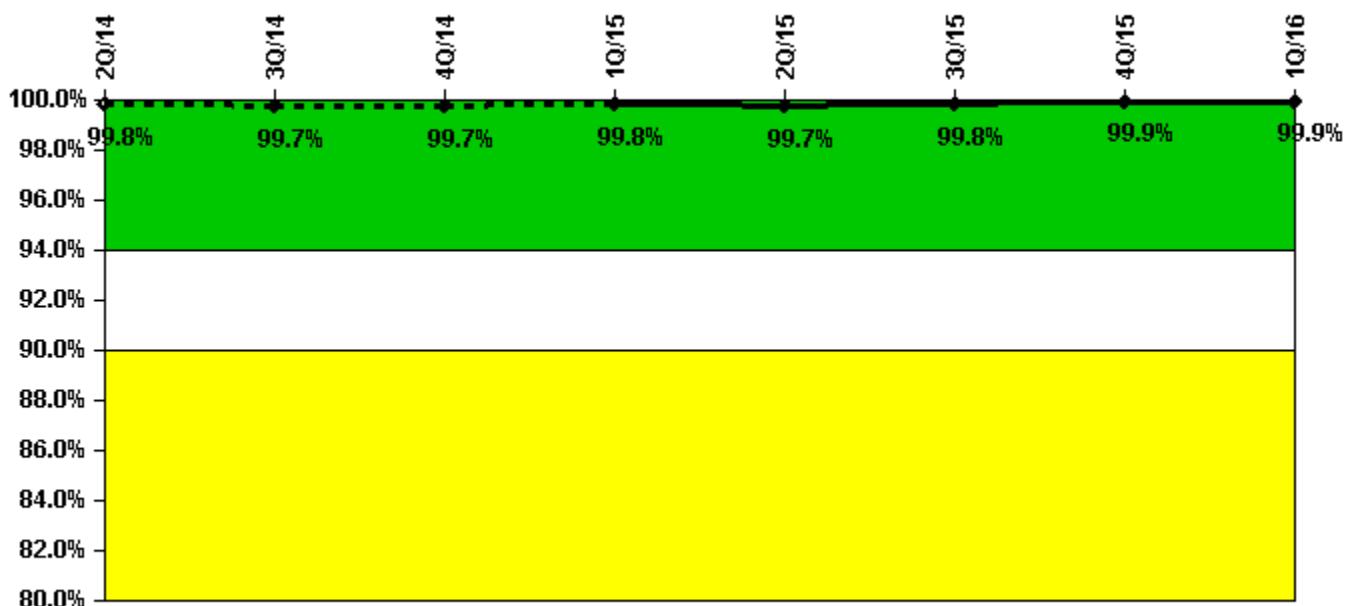
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Participating Key personnel	78.0	78.0	78.0	72.0	75.0	72.0	77.0	70.0
Total Key personnel	78.0	78.0	78.0	72.0	75.0	72.0	77.0	70.0
Indicator value	100.0%							

Licensee Comments: none

Alert & Notification System



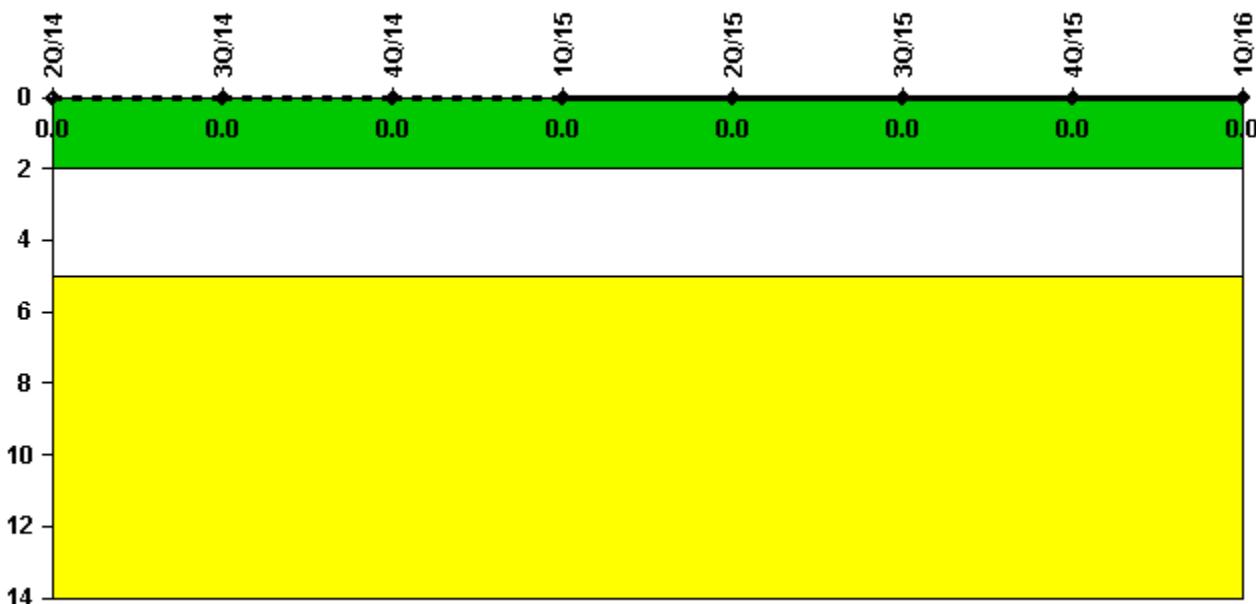
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Successful siren-tests	2939	2928	2940	2895	2937	2985	2943	2942
Total sirens-tests	2944	2944	2944	2898	2944	2990	2944	2944
Indicator value	99.8%	99.7%	99.7%	99.8%	99.7%	99.8%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



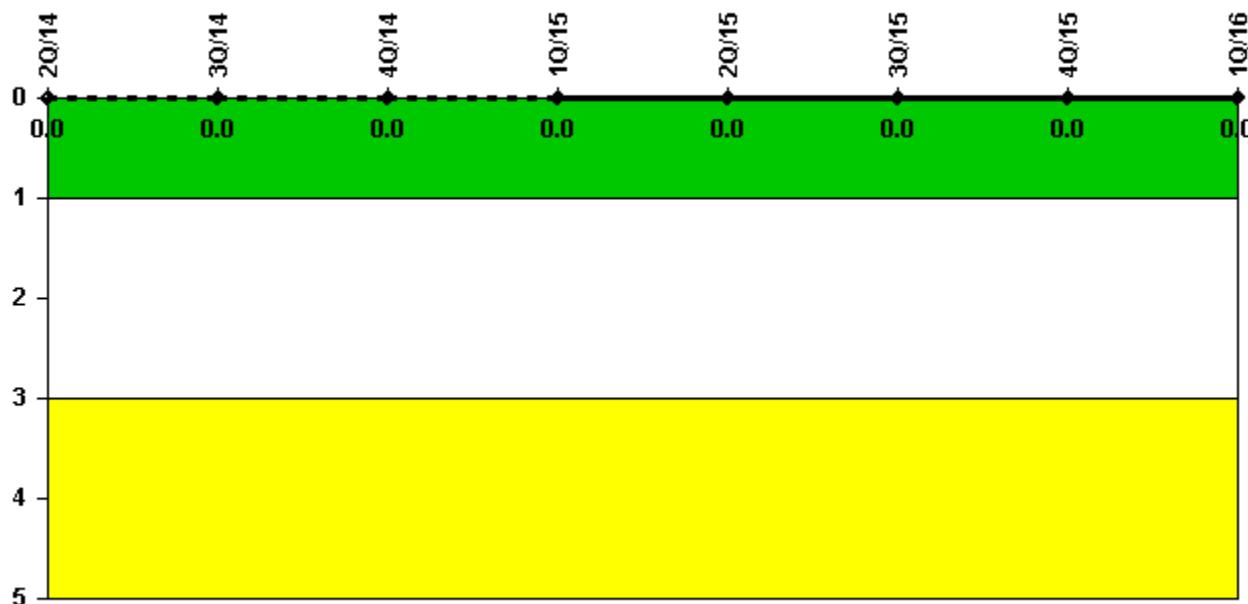
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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

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

Last Modified: April 23, 2016

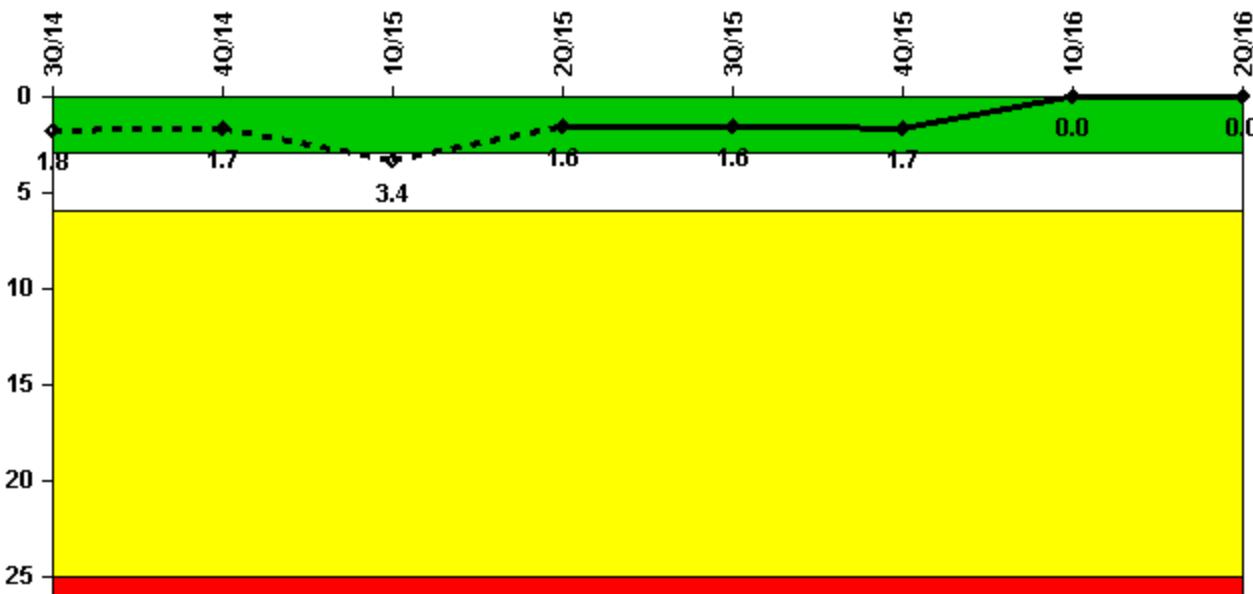
Dresden 2

2Q/2016 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



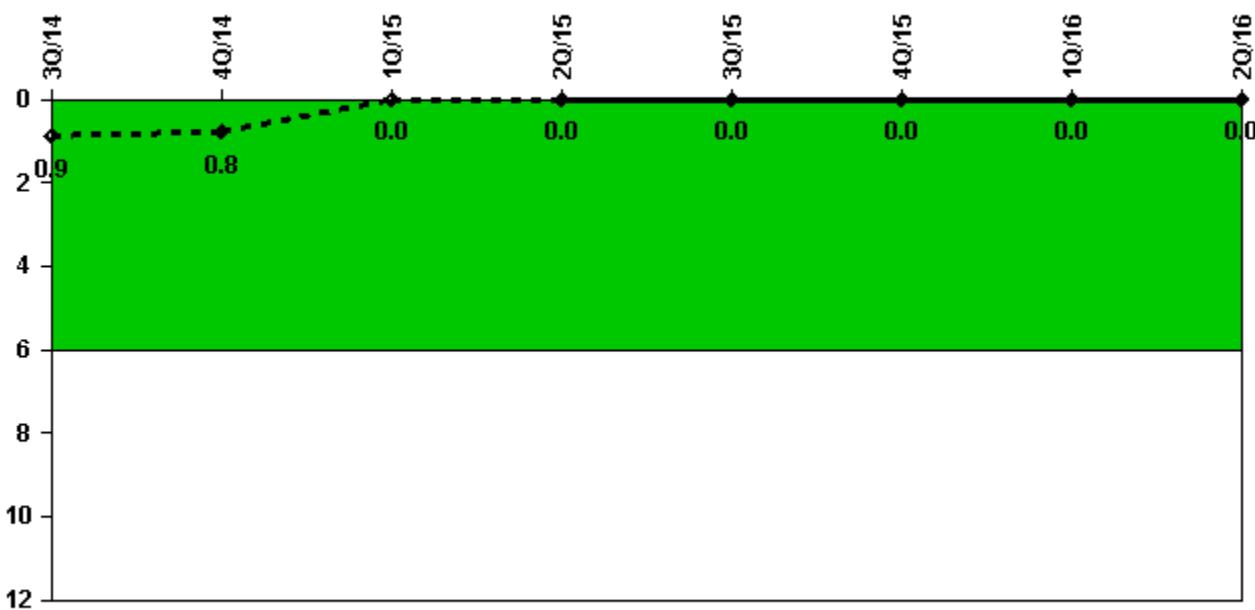
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	2.0	0	0	0	0	0
Critical hours	2208.0	2209.0	1998.0	2184.0	2208.0	1779.6	2183.0	2184.0
Indicator value	1.8	1.7	3.4	1.6	1.6	1.7	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



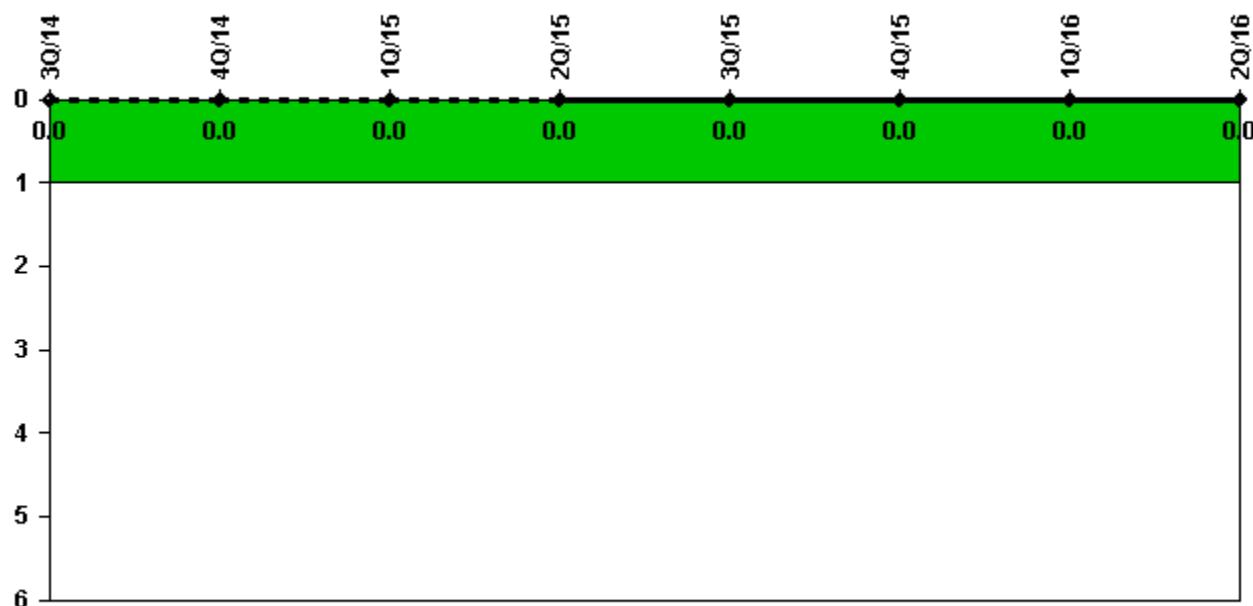
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2208.0	2209.0	1998.0	2184.0	2208.0	1779.6	2183.0	2184.0
Indicator value	0.9	0.8	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



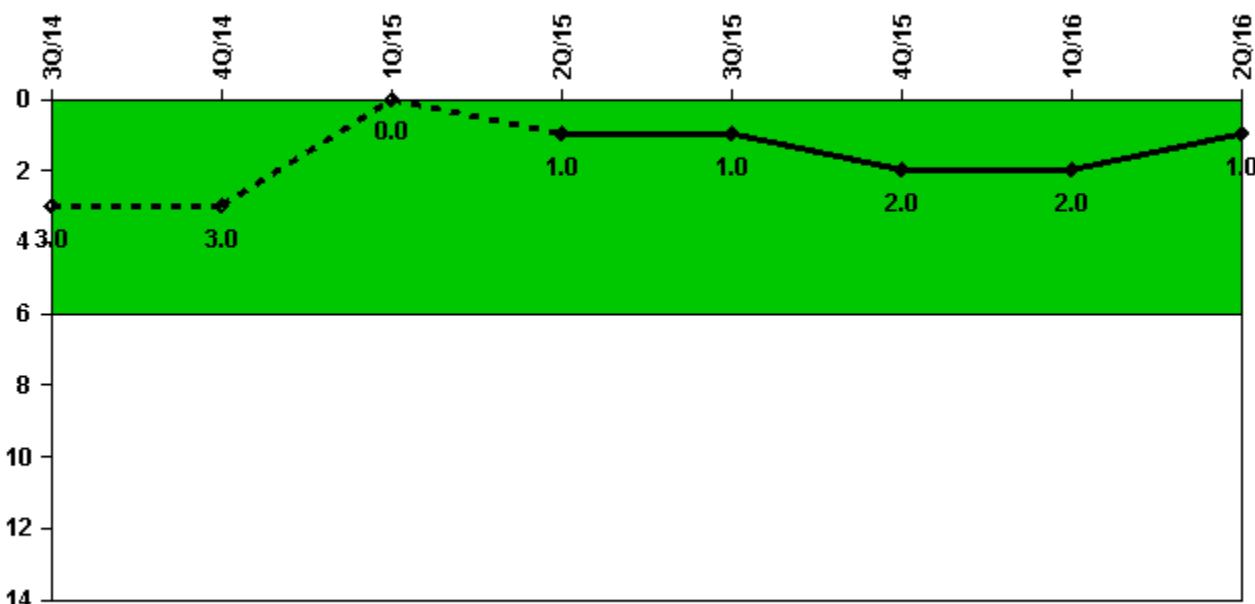
Thresholds: White > 1.0

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 (BWR)



Thresholds: White > 6.0

Notes

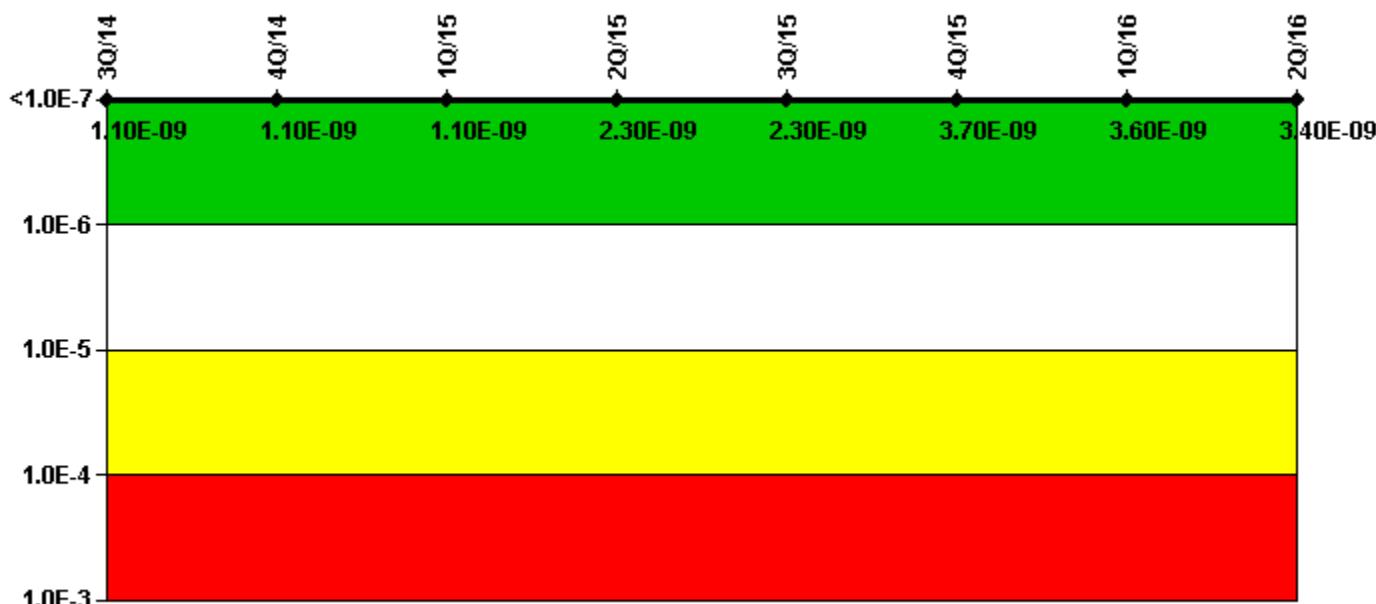
Safety System Functional Failures (BWR)	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Safety System Functional Failures	0	0	0	1	0	1	0	0
Indicator value	3	3	0	1	1	2	2	1

Licensee Comments:

4Q/15: LER 237/2015-003-00 Unit 2 Turbine Building to Reactor Building Interlock Doors Open Simultaneously, dated 10/30/15

2Q/15: LER 237-2015-002-00,"2C ERV Failed to Actuate during Extent of Condition Testing", dated 04-03-2015

Mitigating Systems Performance Index, Emergency AC Power System



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

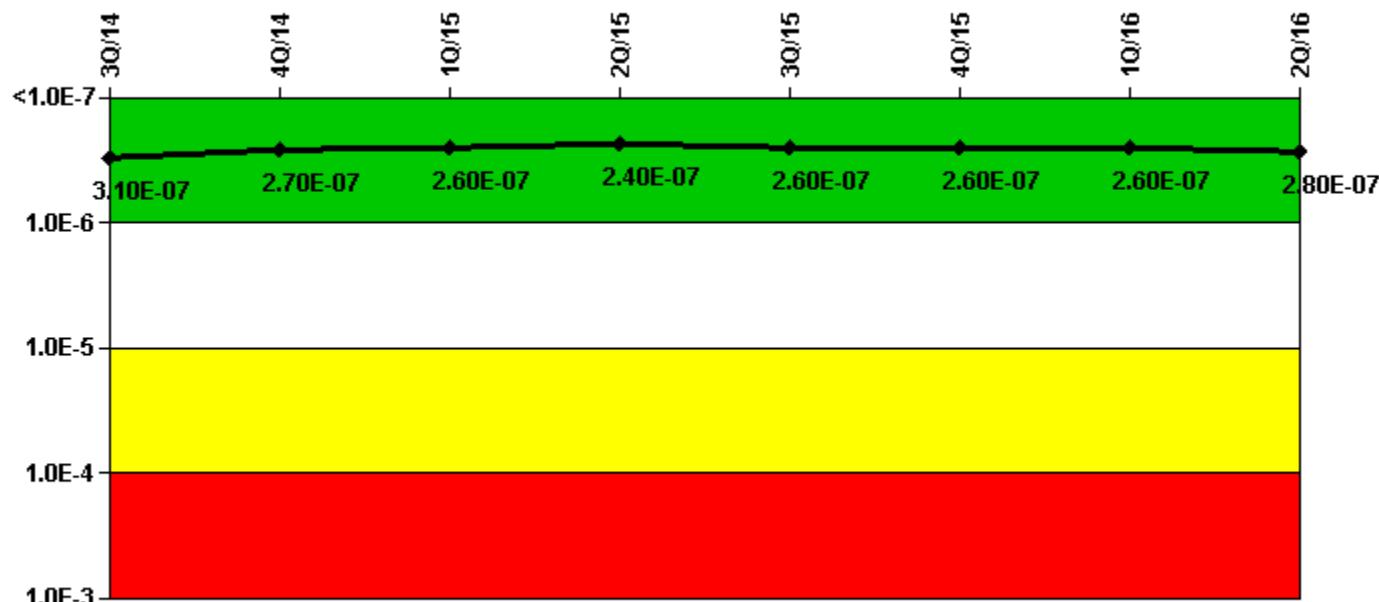
Notes

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)	5.96E-11	-2.38E-11	1.75E-11	2.31E-10	2.01E-10	2.67E-10	2.76E-10	0.00E+00
URI (Δ CDF)	1.09E-09	1.08E-09	1.07E-09	2.11E-09	2.12E-09	3.44E-09	3.33E-09	3.40E-09
PLE	NO							
Indicator value	1.10E-09	1.10E-09	1.10E-09	2.30E-09	2.30E-09	3.70E-09	3.60E-09	3.40E-09

Licensee Comments:

4Q/15: An MSPI EDG failure that occurred in October 2015 (Issue Report 2573588) was reported to CDE via ICES 320357 in 2nd quarter 2016. ICES 320357 resulted in the re-calculation of EDG URI values from October 2015 onward.

Mitigating Systems Performance Index, High Pressure Injection System



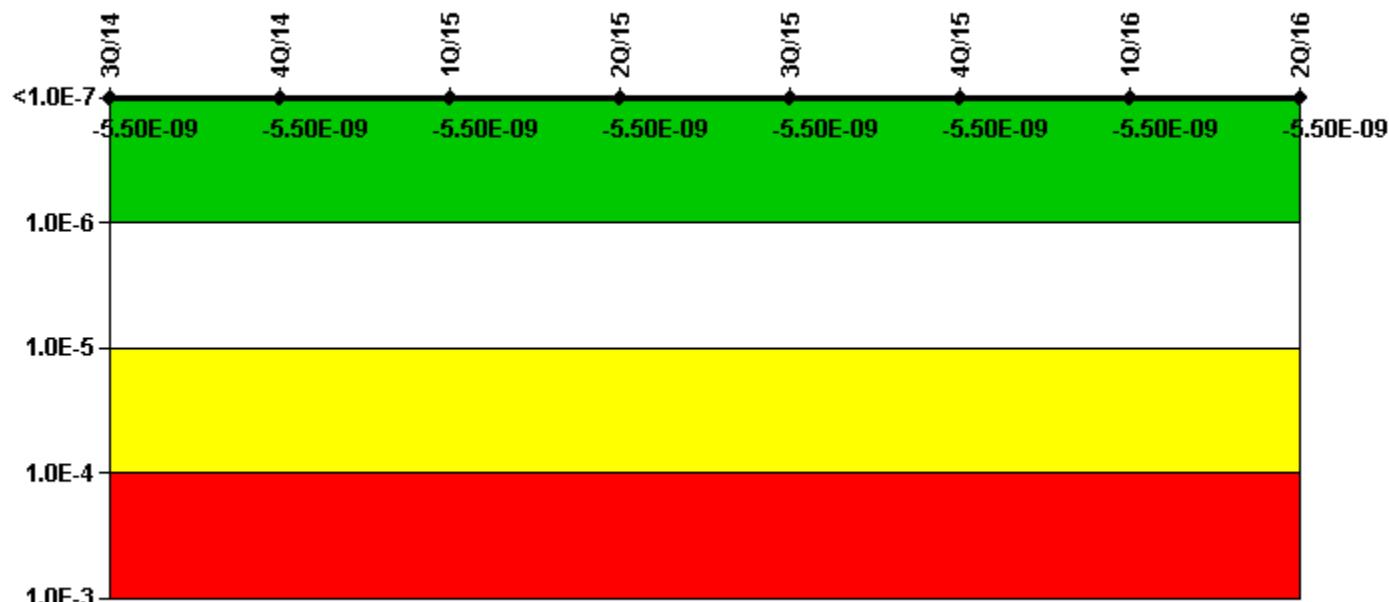
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	1.09E-07	6.97E-08	6.76E-08	4.11E-08	6.30E-08	6.26E-08	6.25E-08	8.18E-08
URI (Δ CDF)	2.04E-07	2.04E-07	1.97E-07	1.97E-07	1.97E-07	1.97E-07	1.97E-07	1.97E-07
PLE	NO							
Indicator value	3.10E-07	2.70E-07	2.60E-07	2.40E-07	2.60E-07	2.60E-07	2.60E-07	2.80E-07

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



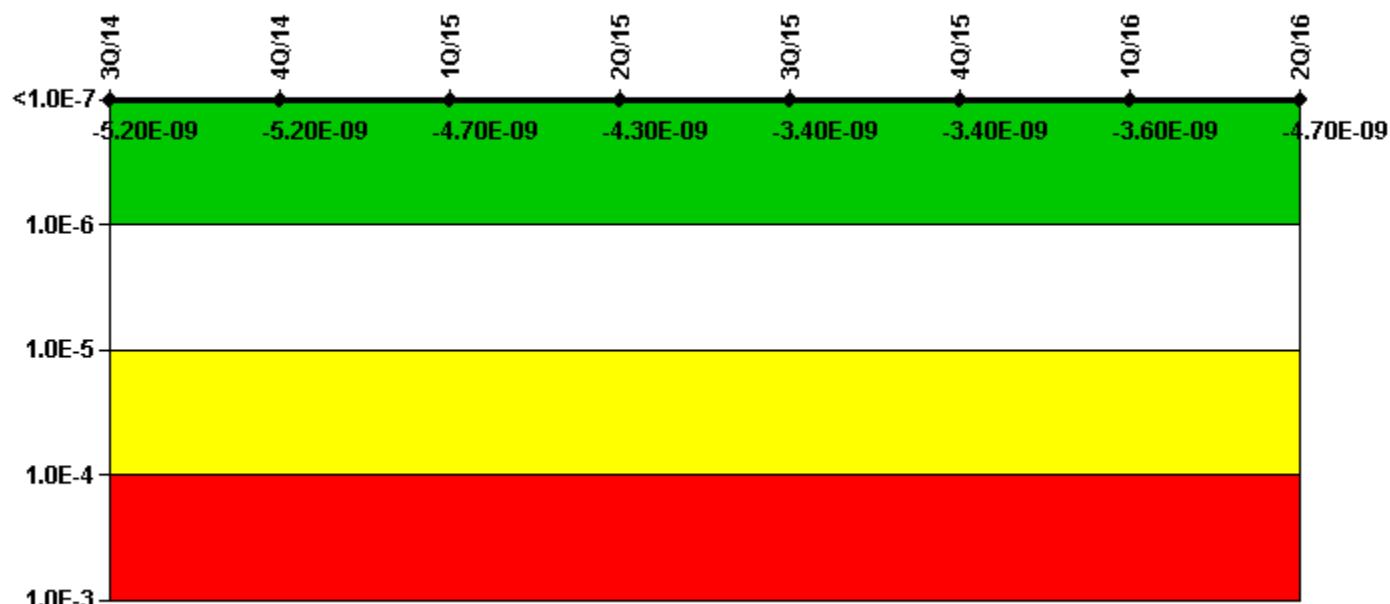
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
UAI (Δ CDF)	-5.43E-09							
URI (Δ CDF)	-1.01E-10							
PLE	NO							
Indicator value	-5.50E-09							

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



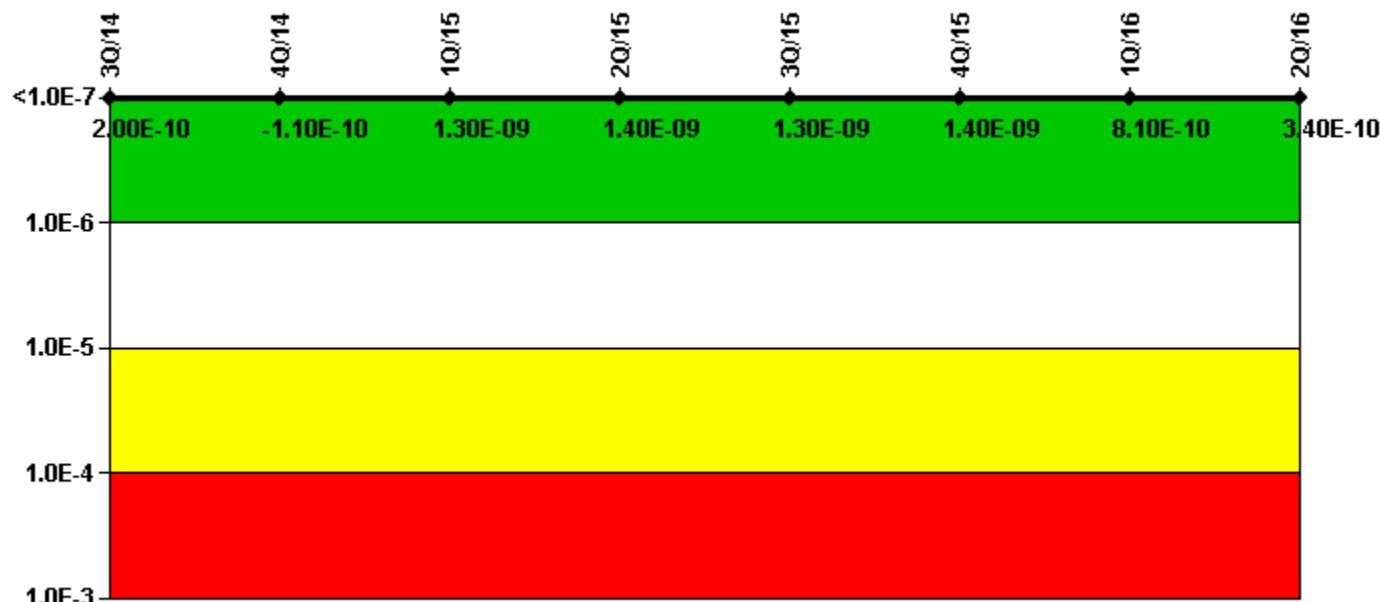
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
UAI (Δ CDF)	-1.40E-09	-1.40E-09	-7.19E-10	-2.50E-10	8.26E-10	1.02E-09	8.71E-10	-1.57E-10
URI (Δ CDF)	-3.78E-09	-3.84E-09	-3.96E-09	-4.08E-09	-4.24E-09	-4.39E-09	-4.45E-09	-4.51E-09
PLE	NO							
Indicator value	-5.20E-09	-5.20E-09	-4.70E-09	-4.30E-09	-3.40E-09	-3.40E-09	-3.60E-09	-4.70E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



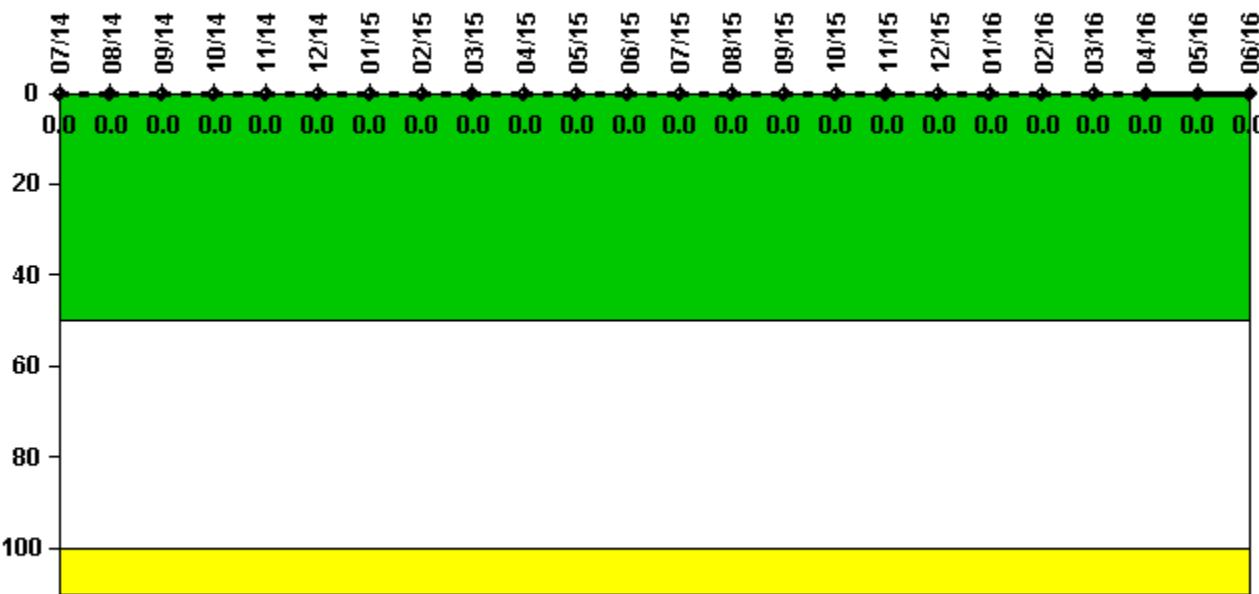
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
UAI (Δ CDF)	2.27E-10	-8.03E-11	1.36E-09	1.39E-09	1.36E-09	1.39E-09	8.33E-10	3.64E-10
URI (Δ CDF)	-2.79E-11	-2.74E-11	-2.74E-11	-2.75E-11	-2.73E-11	-2.74E-11	-2.74E-11	-2.70E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.00E-10	-1.10E-10	1.30E-09	1.40E-09	1.30E-09	1.40E-09	8.10E-10	3.40E-10

Licensee Comments: none

Reactor Coolant System Activity



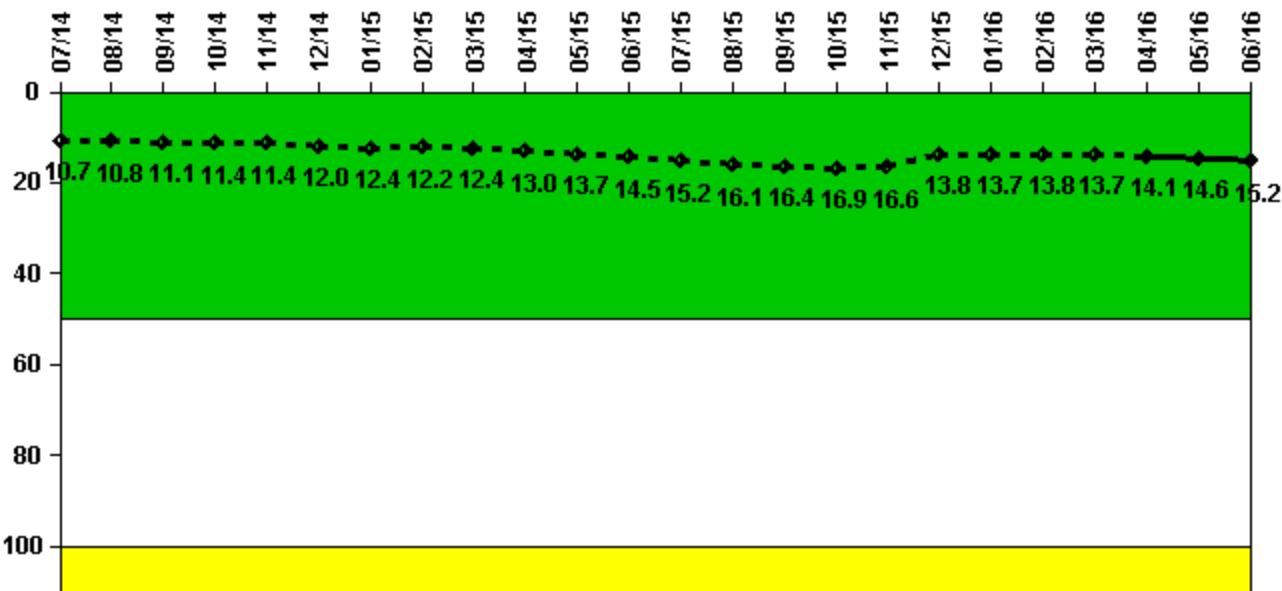
Thresholds: White > 50.0 Yellow > 100.0

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	0.000006	0.000005	0.000007	0.000011	0.000006	0.000008	0.000005	0.000007	0.000008	0.000007	0.000006	0.000007
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	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	0.000006	0.000007	0.000008	0.000010	0.000004	0.000003	0.000003	0.000004	0.000002	0.000003	0.000003	0.000003
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



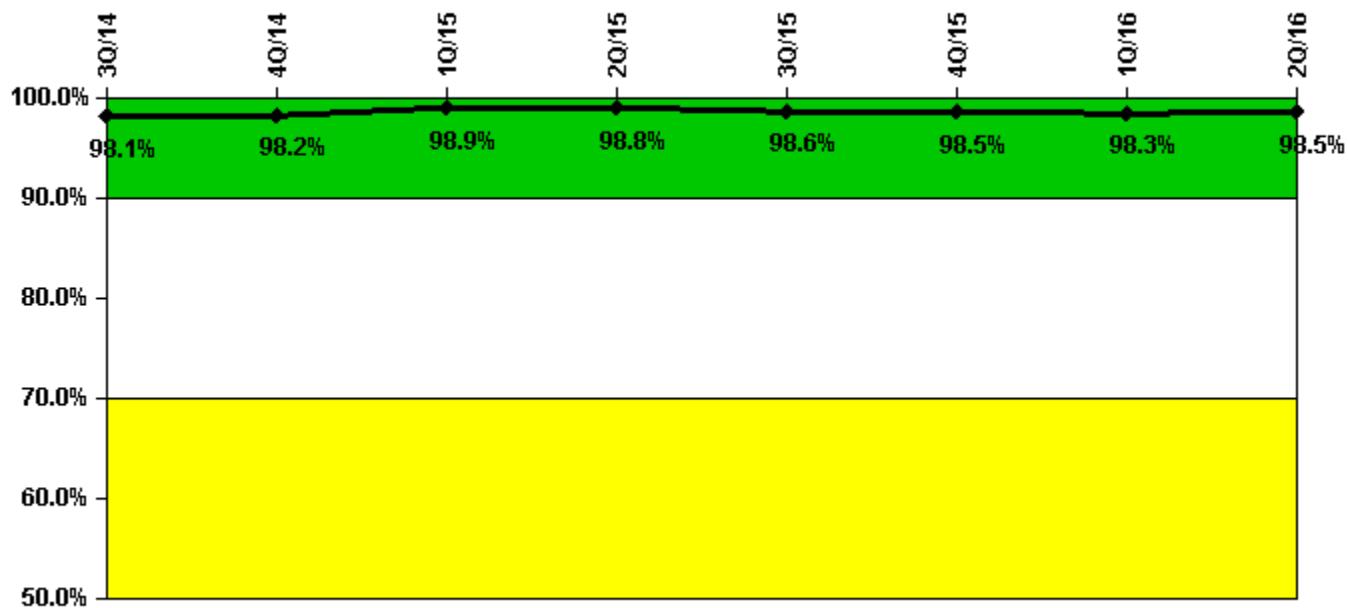
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/14	8/14	9/14	10/14	11/14	12/14	1/15	2/15	3/15	4/15	5/15	6/15
Maximum leakage	2.672	2.712	2.775	2.840	2.840	3.003	3.093	3.042	3.095	3.262	3.434	3.630
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	10.7	10.8	11.1	11.4	11.4	12.0	12.4	12.2	12.4	13.0	13.7	14.5
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	3.808	4.030	4.088	4.219	4.144	3.444	3.413	3.440	3.430	3.524	3.661	3.804
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	15.2	16.1	16.4	16.9	16.6	13.8	13.7	13.8	13.7	14.1	14.6	15.2

Licensee Comments: none

Drill/Exercise Performance



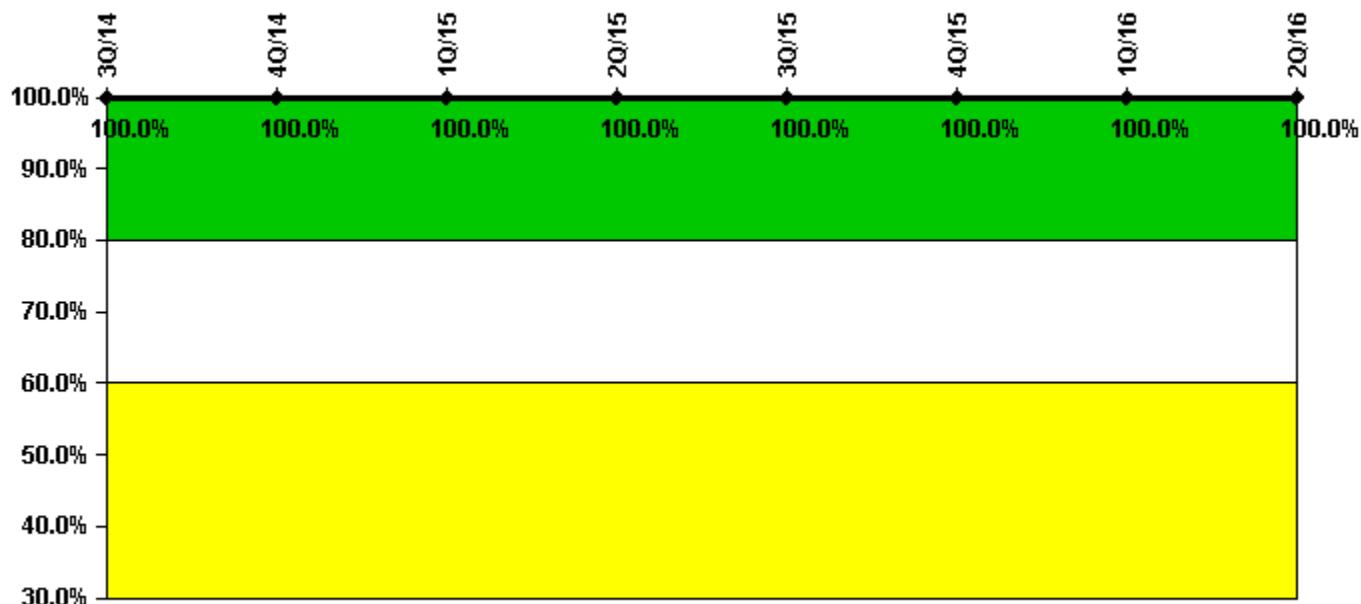
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Successful opportunities	61.0	40.0	47.0	65.0	44.0	27.0	31.0	80.0
Total opportunities	63.0	40.0	47.0	67.0	45.0	27.0	32.0	80.0
Indicator value	98.1%	98.2%	98.9%	98.8%	98.6%	98.5%	98.3%	98.5%

Licensee Comments: none

ERO Drill Participation



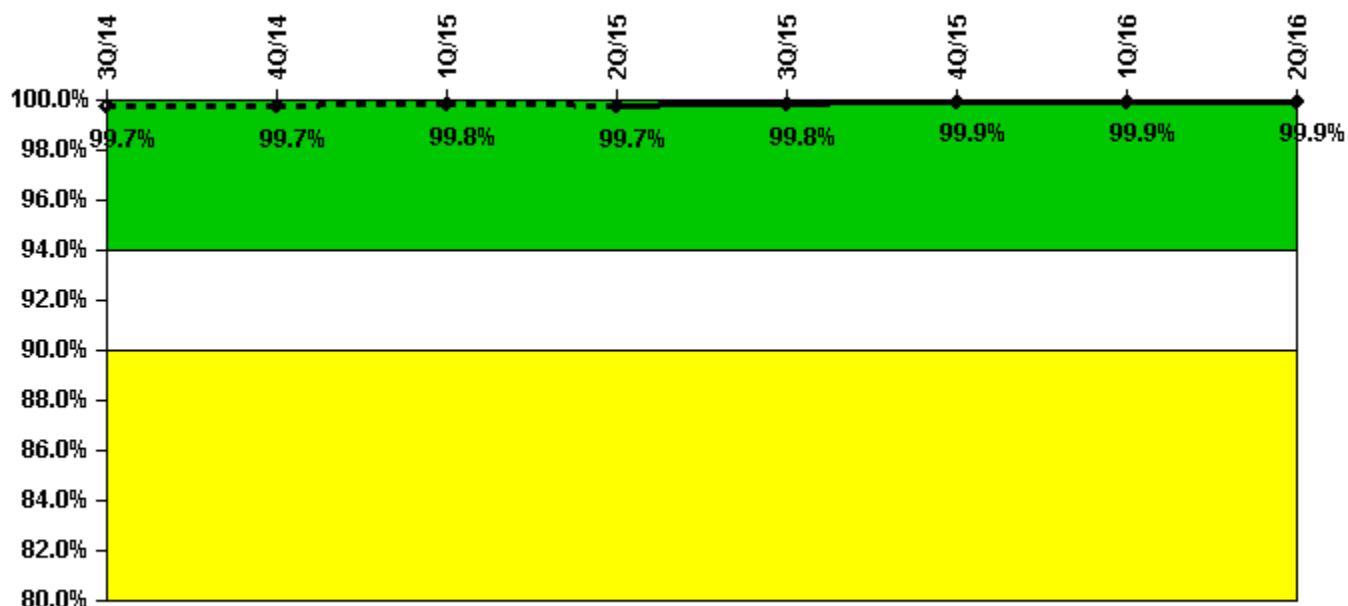
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Participating Key personnel	78.0	78.0	72.0	75.0	72.0	77.0	70.0	64.0
Total Key personnel	78.0	78.0	72.0	75.0	72.0	77.0	70.0	64.0
Indicator value	100.0%							

Licensee Comments: none

Alert & Notification System



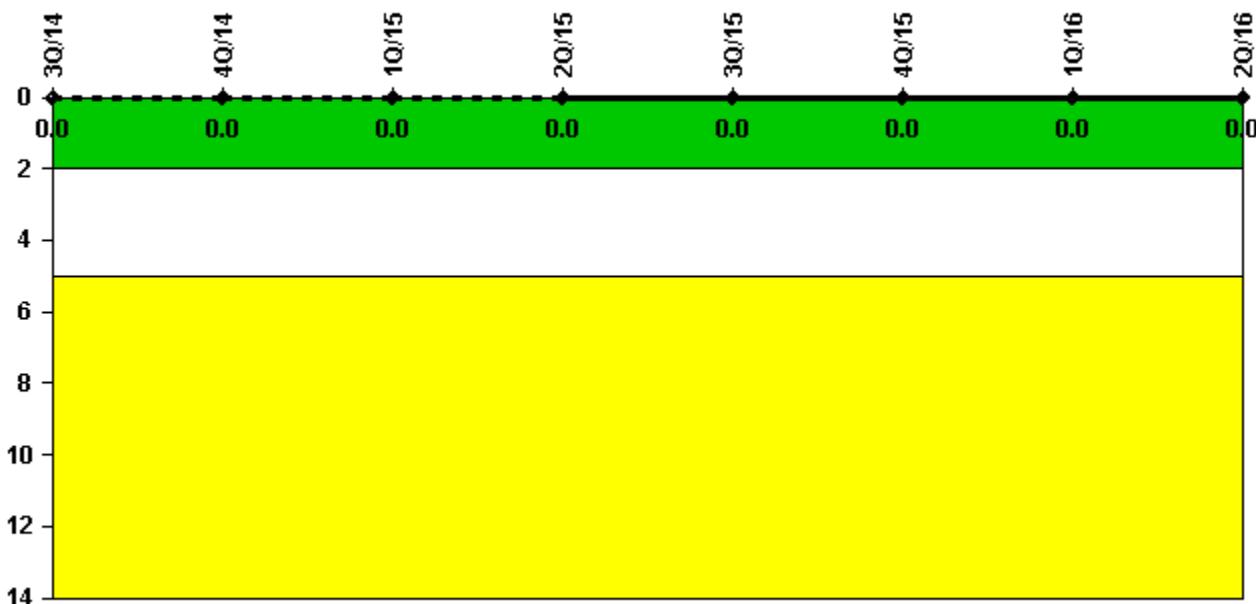
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Successful siren-tests	2928	2940	2895	2937	2985	2943	2942	2942
Total sirens-tests	2944	2944	2898	2944	2990	2944	2944	2944
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



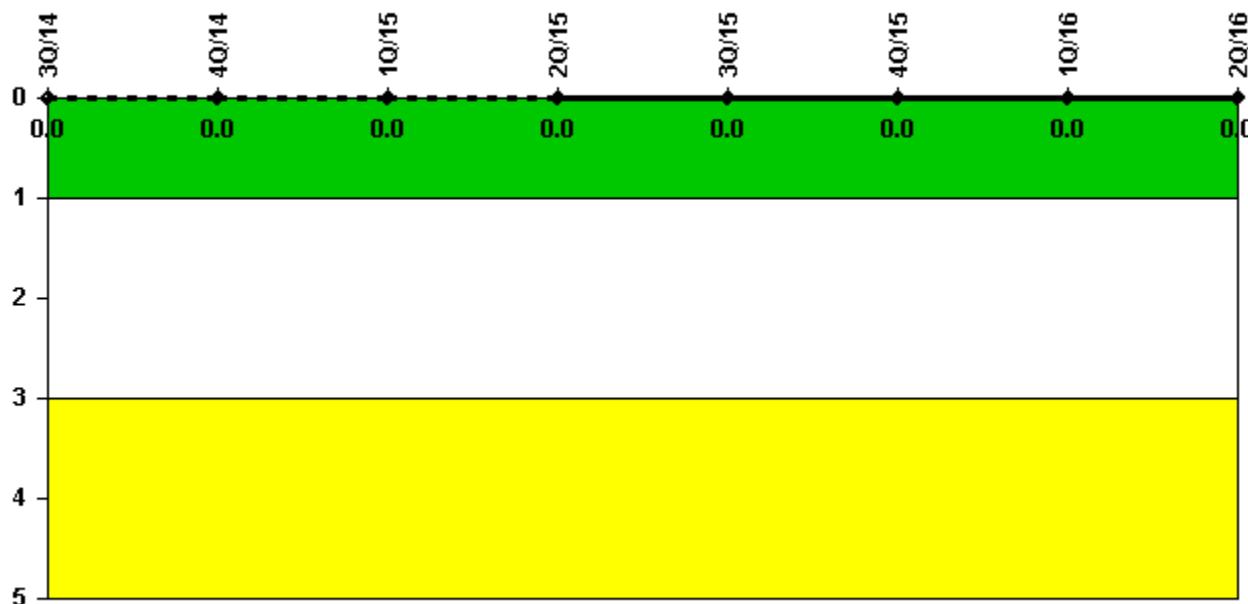
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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

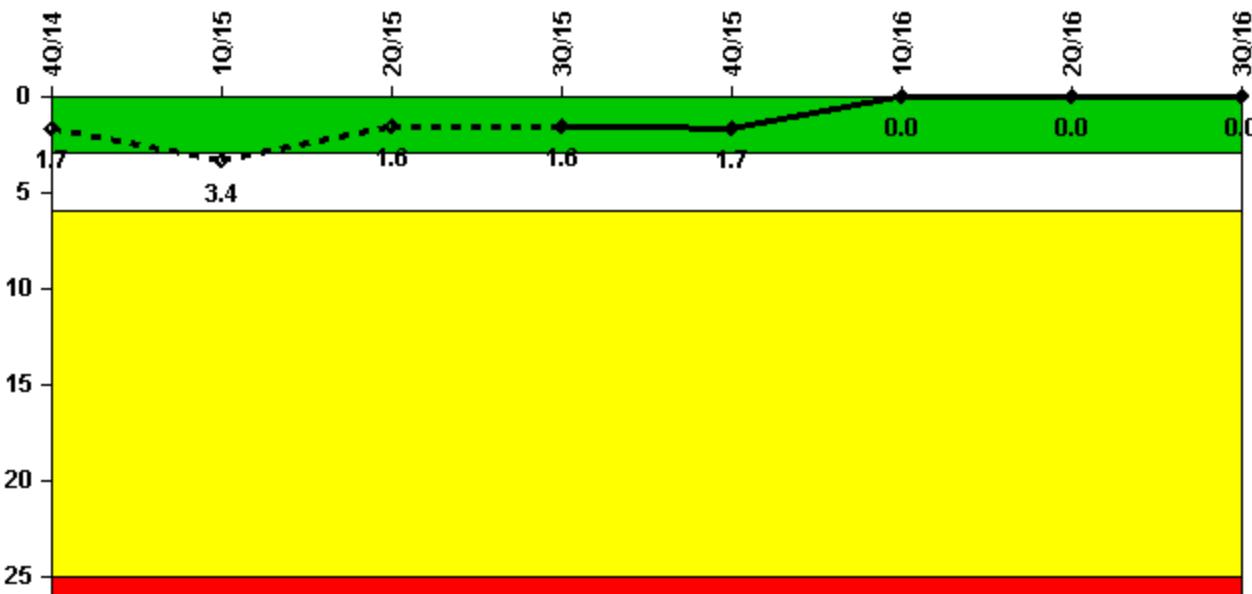
Dresden 2

3Q/2016 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



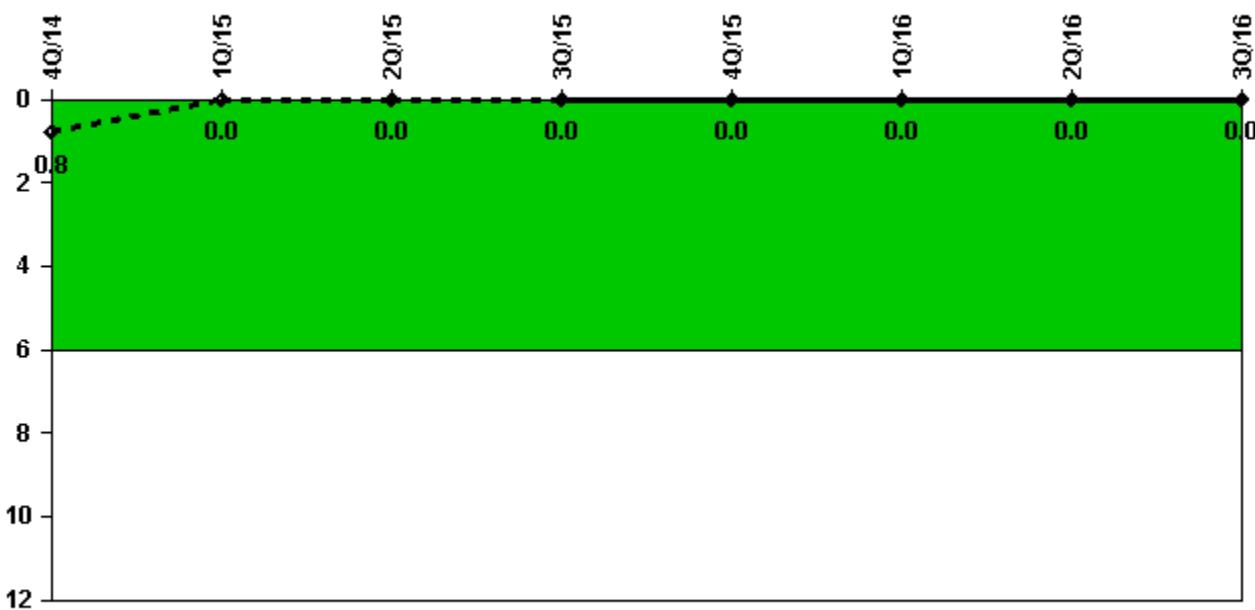
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	2.0	0	0	0	0	0	0
Critical hours	2209.0	1998.0	2184.0	2208.0	1779.6	2183.0	2184.0	2208.0
Indicator value	1.7	3.4	1.6	1.6	1.7	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



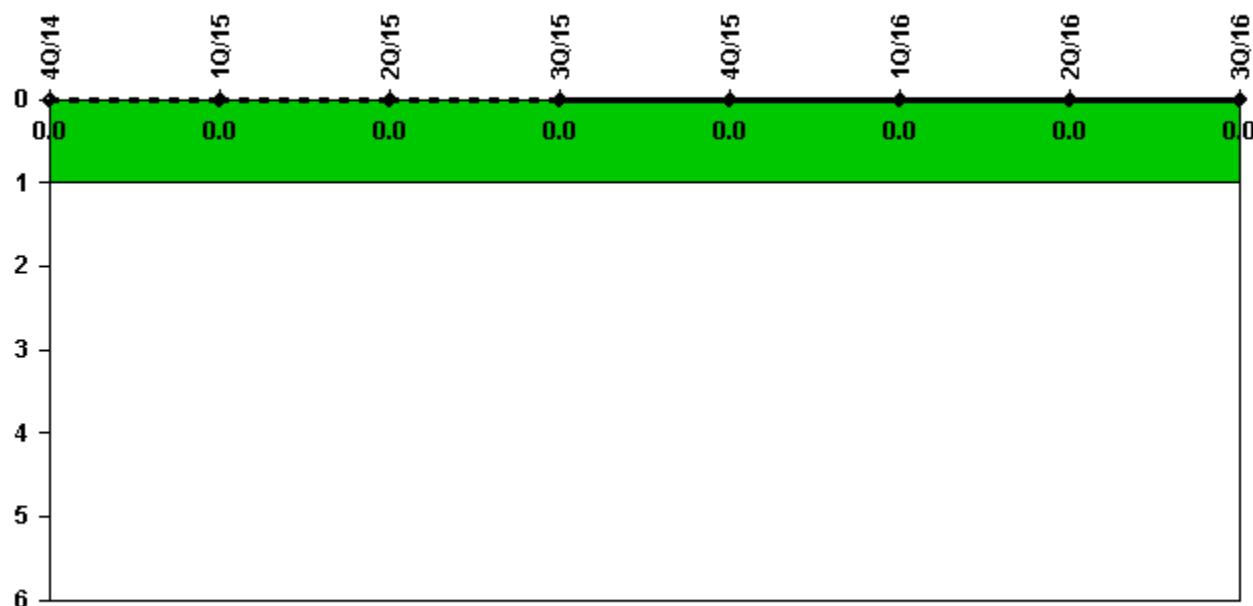
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2209.0	1998.0	2184.0	2208.0	1779.6	2183.0	2184.0	2208.0
Indicator value	0.8	0						

Licensee Comments: none

Unplanned Scrams with Complications



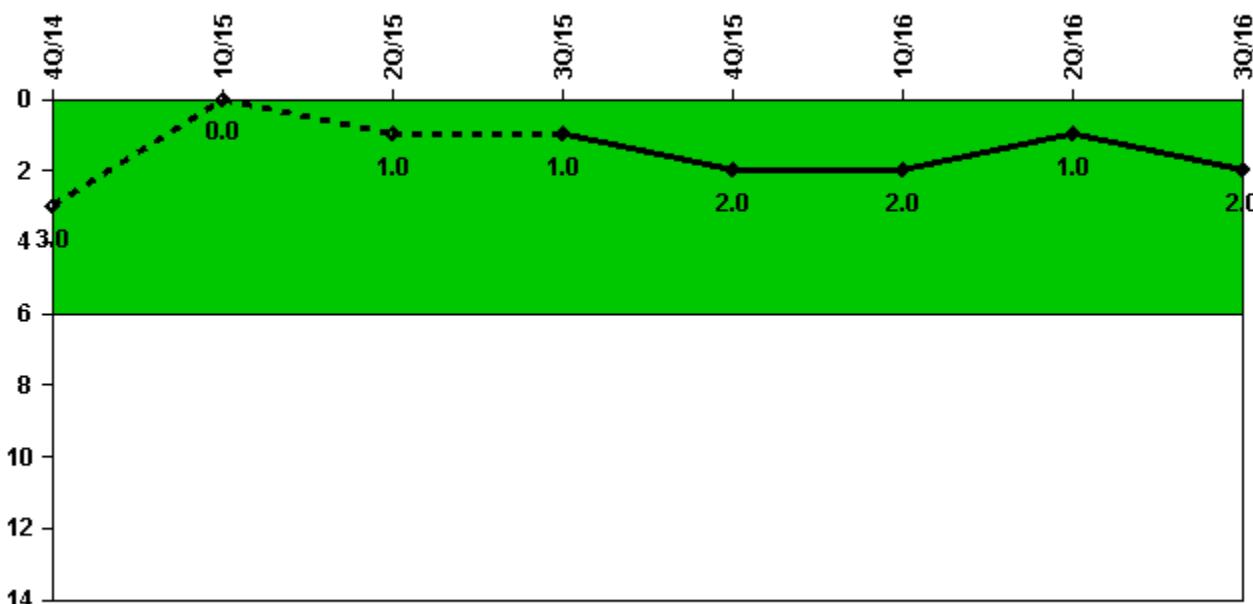
Thresholds: White > 1.0

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	0
Indicator value	0.0							

Licensee Comments: none

Safety System Functional Failures (BWR)



Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Safety System Functional Failures	0	0	1	0	1	0	0	1
Indicator value	3	0	1	1	2	2	1	2

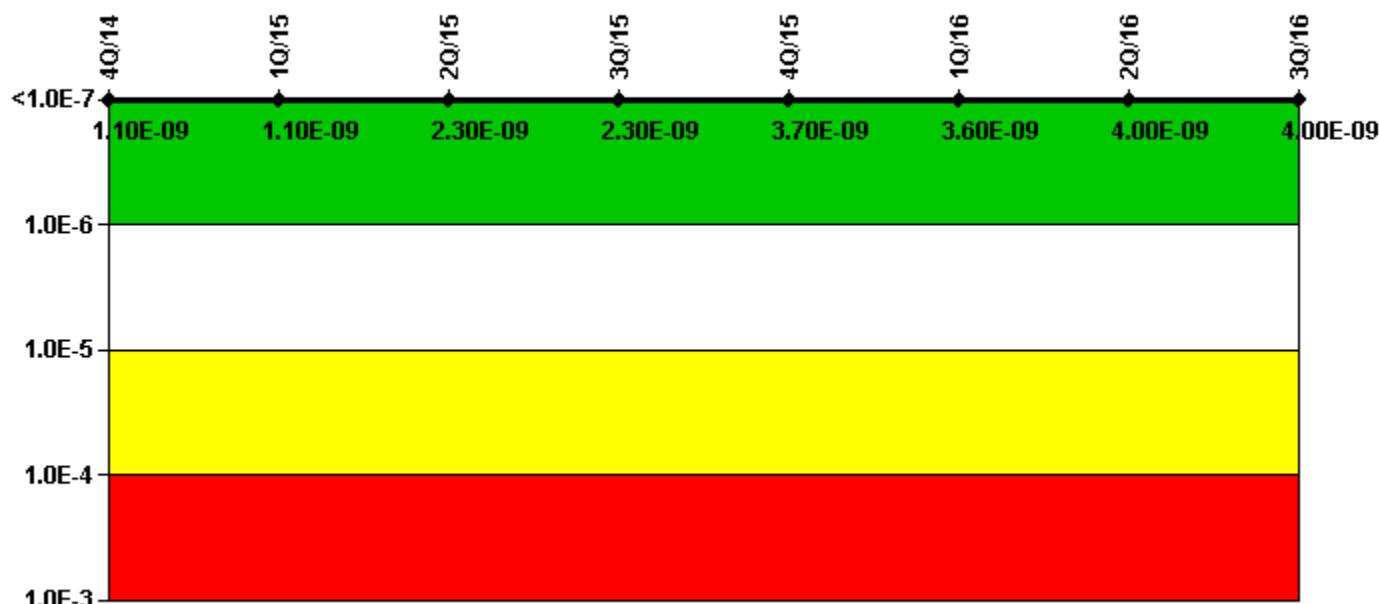
Licensee Comments:

3Q/16: LER 237/2016-002-00, "Unit 2 HPCI Inlet Steam Drain Pot Piping Leak Resulting in HPCI Inoperability," dated 7/15/2016

4Q/15: LER 237/2015-003-00 Unit 2 Turbine Building to Reactor Building Interlock Doors Open Simultaneously, dated 10/30/15

2Q/15: LER 237-2015-002-00, "2C ERV Failed to Actuate during Extent of Condition Testing", dated 04-03-2015

Mitigating Systems Performance Index, Emergency AC Power System



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

Notes

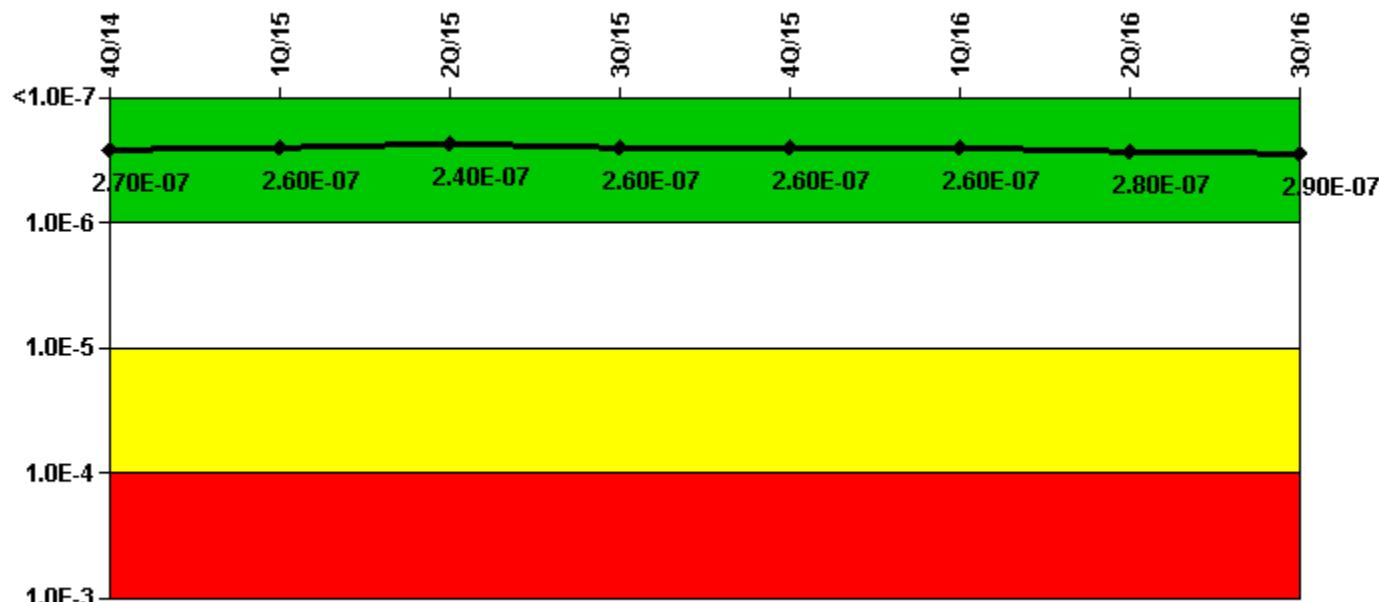
Mitigating Systems Performance Index, Emergency AC Power System	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
UAI (Δ CDF)	-2.38E-11	1.75E-11	2.31E-10	2.01E-10	2.67E-10	2.76E-10	0.00E+00	0.00E+00
URI (Δ CDF)	1.08E-09	1.07E-09	2.11E-09	2.12E-09	3.43E-09	3.34E-09	4.03E-09	4.03E-09
PLE	NO							
Indicator value	1.10E-09	1.10E-09	2.30E-09	2.30E-09	3.70E-09	3.60E-09	4.00E-09	4.00E-09

Licensee Comments:

4Q/15: An MSPI EDG failure that occurred in October 2015 (Issue Report 2573588) was reported to CDE via ICES 320357 in 2nd quarter 2016. ICES 320357 resulted in the re-calculation of EDG URI values from October 2015 onward.

4Q/15: An MSPI EDG failure that occurred in October 2015 (Issue Report 2573588) was reported to CDE via ICES 320357 in 2nd quarter 2016. ICES 320357 resulted in the re-calculation of EDG URI values from October 2015 onward.

Mitigating Systems Performance Index, High Pressure Injection System



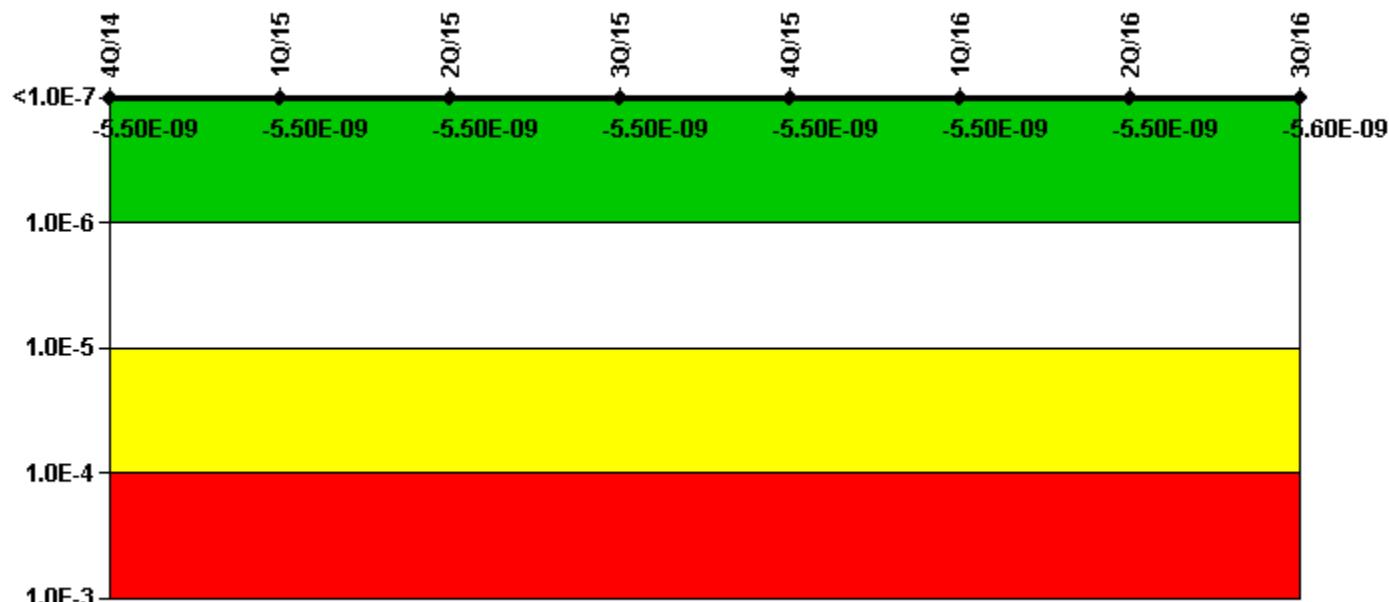
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	6.97E-08	6.76E-08	4.11E-08	6.30E-08	6.26E-08	6.25E-08	8.18E-08	9.38E-08
URI (Δ CDF)	2.04E-07	1.97E-07						
PLE	NO							
Indicator value	2.70E-07	2.60E-07	2.40E-07	2.60E-07	2.60E-07	2.60E-07	2.80E-07	2.90E-07

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



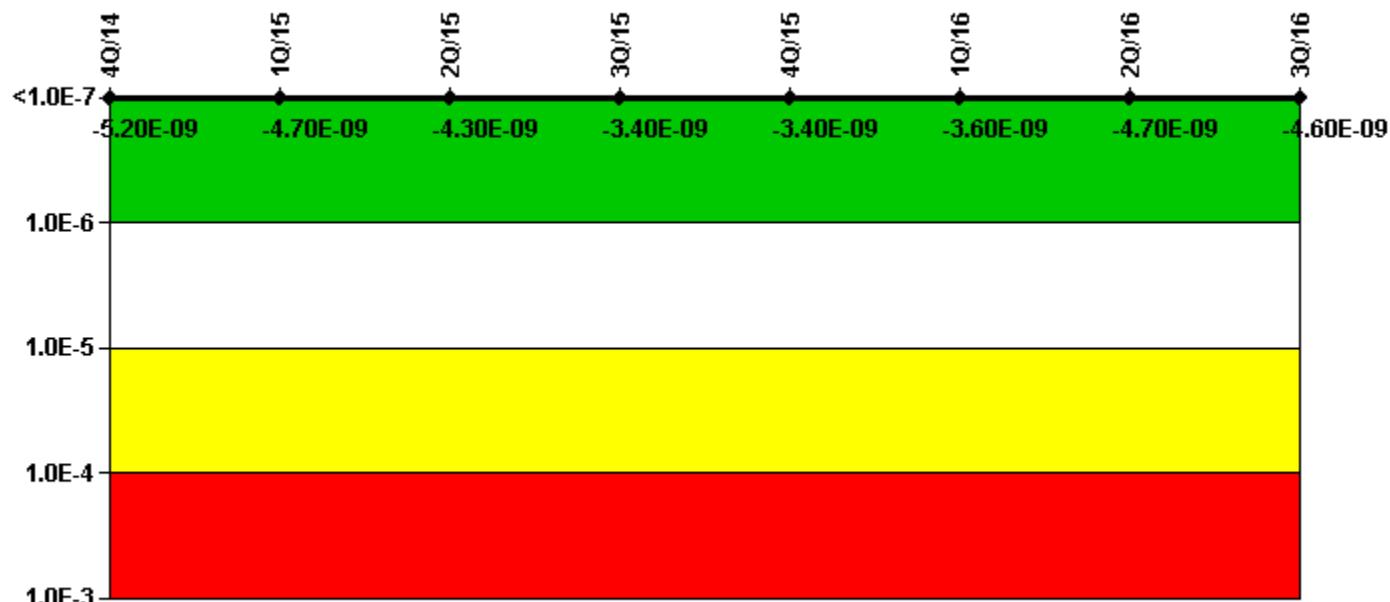
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
UAI (Δ CDF)	-5.43E-09							
URI (Δ CDF)	-1.01E-10	-1.01E-10	-1.09E-10	-1.09E-10	-1.09E-10	-1.09E-10	-1.13E-10	-1.25E-10
PLE	NO							
Indicator value	-5.50E-09	-5.60E-09						

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



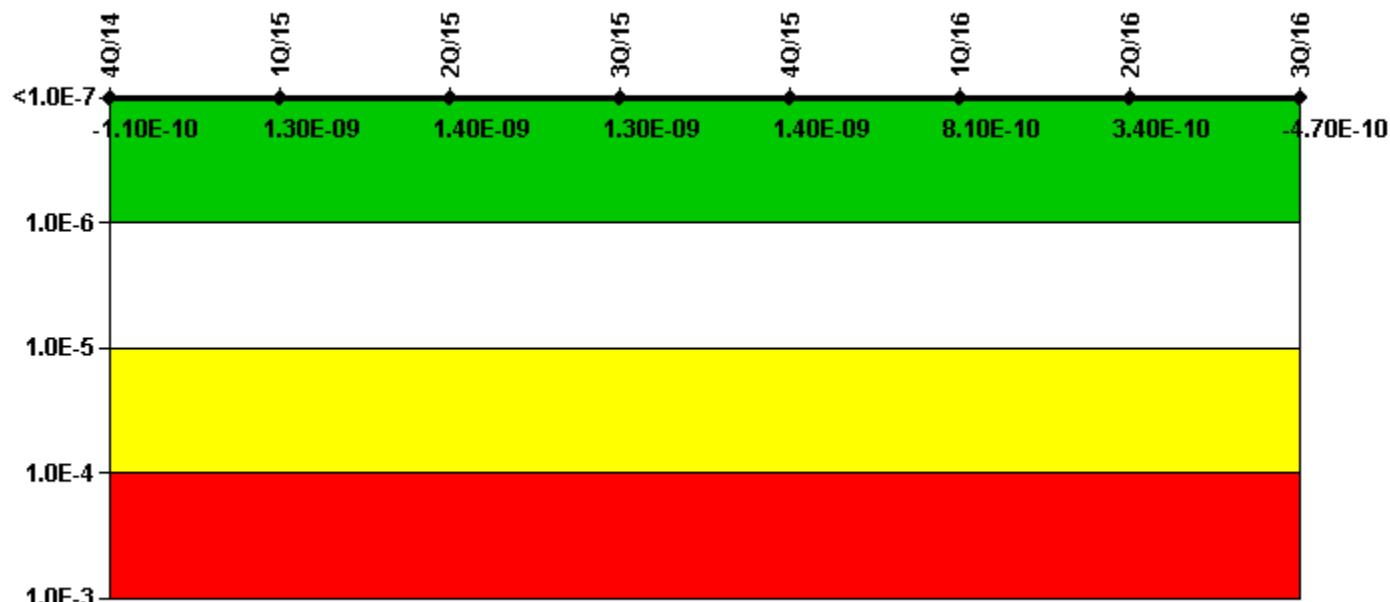
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
UAI (Δ CDF)	-1.40E-09	-7.19E-10	-2.50E-10	8.26E-10	1.02E-09	8.71E-10	-1.57E-10	3.89E-11
URI (Δ CDF)	-3.84E-09	-3.96E-09	-4.08E-09	-4.24E-09	-4.39E-09	-4.45E-09	-4.51E-09	-4.64E-09
PLE	NO							
Indicator value	-5.20E-09	-4.70E-09	-4.30E-09	-3.40E-09	-3.40E-09	-3.60E-09	-4.70E-09	-4.60E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



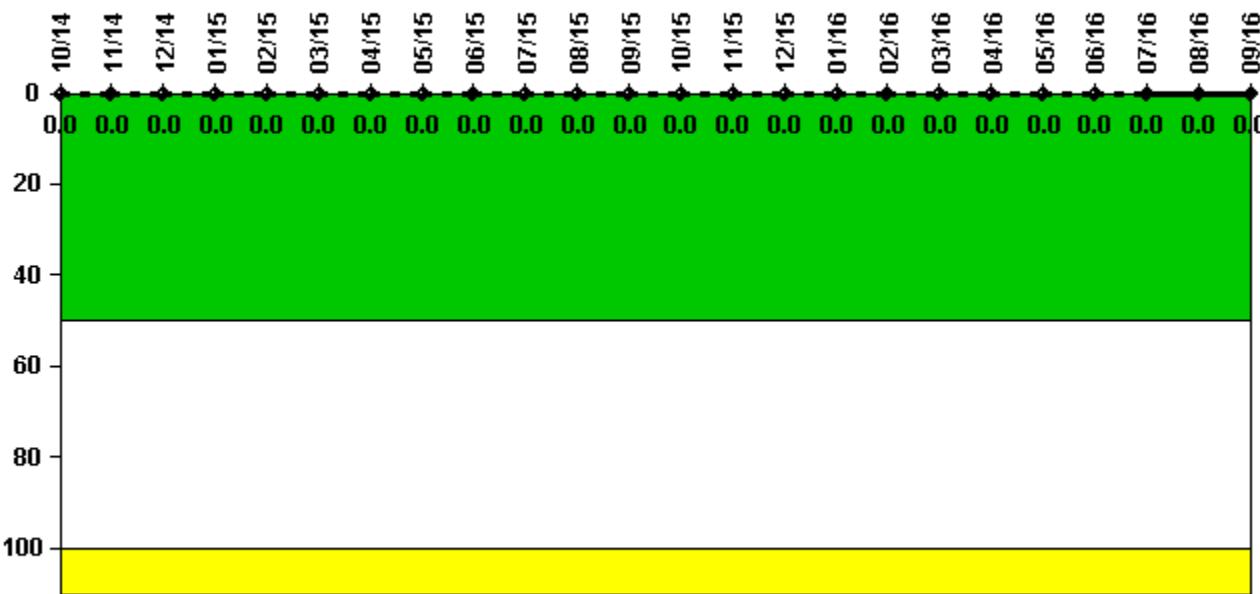
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
UAI (Δ CDF)	-8.03E-11	1.36E-09	1.39E-09	1.36E-09	1.39E-09	8.33E-10	3.64E-10	-4.47E-10
URI (Δ CDF)	-2.74E-11	-2.74E-11	-2.75E-11	-2.73E-11	-2.74E-11	-2.74E-11	-2.70E-11	-2.69E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.10E-10	1.30E-09	1.40E-09	1.30E-09	1.40E-09	8.10E-10	3.40E-10	-4.70E-10

Licensee Comments: none

Reactor Coolant System Activity



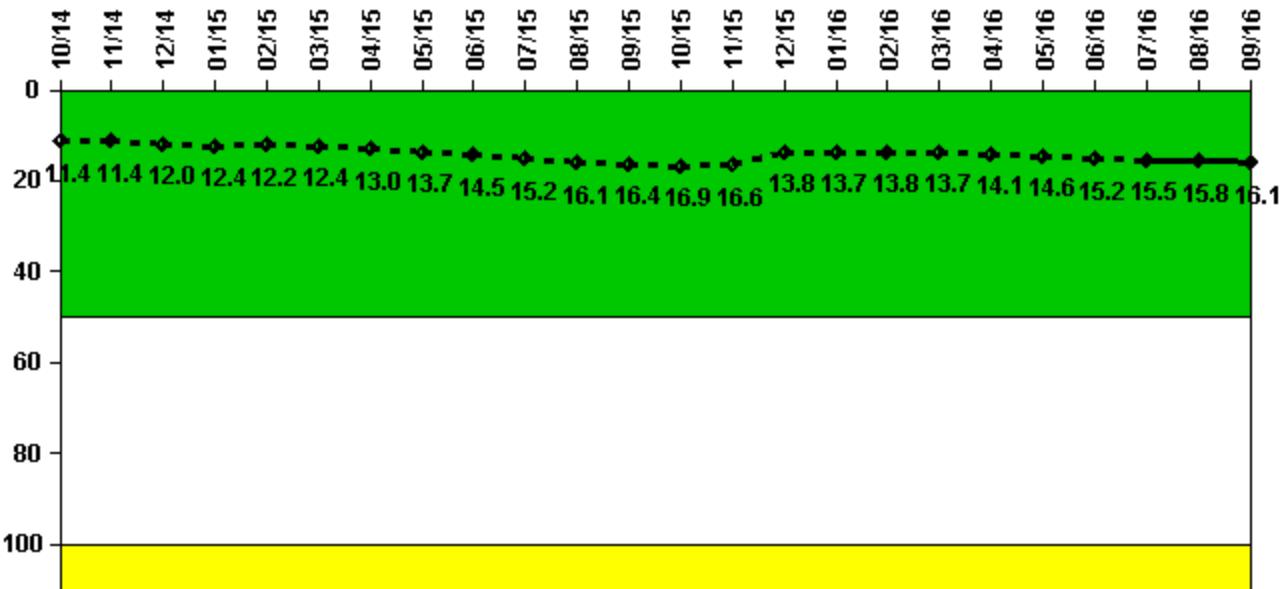
Thresholds: White > 50.0 Yellow > 100.0

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	0.0000011	0.000006	0.000008	0.000005	0.000007	0.000008	0.000007	0.000006	0.000007	0.000006	0.000007	0.000008
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	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	0.000010	0.000004	0.000003	0.000003	0.000004	0.000002	0.000003	0.000003	0.000003	0.000003	0.000003	0.000004
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



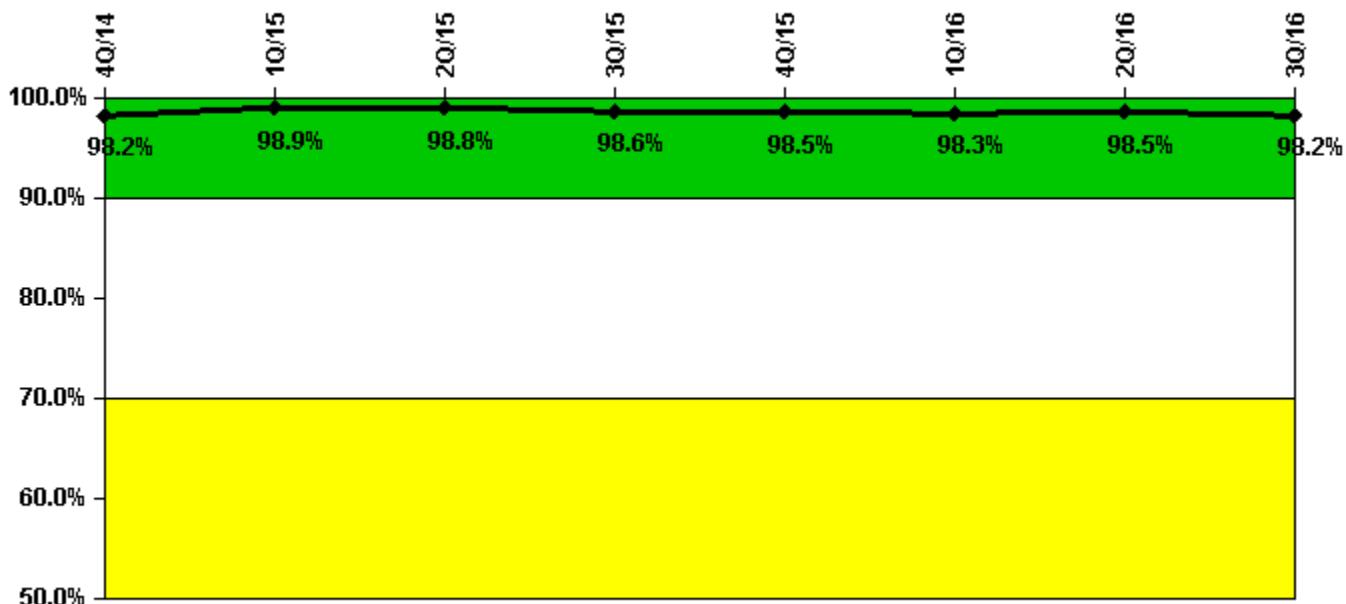
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/14	11/14	12/14	1/15	2/15	3/15	4/15	5/15	6/15	7/15	8/15	9/15
Maximum leakage	2.840	2.840	3.003	3.093	3.042	3.095	3.262	3.434	3.630	3.808	4.030	4.088
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	11.4	11.4	12.0	12.4	12.2	12.4	13.0	13.7	14.5	15.2	16.1	16.4
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	4.219	4.144	3.444	3.413	3.440	3.430	3.524	3.661	3.804	3.875	3.951	4.018
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	16.9	16.6	13.8	13.7	13.8	13.7	14.1	14.6	15.2	15.5	15.8	16.1

Licensee Comments: none

Drill/Exercise Performance



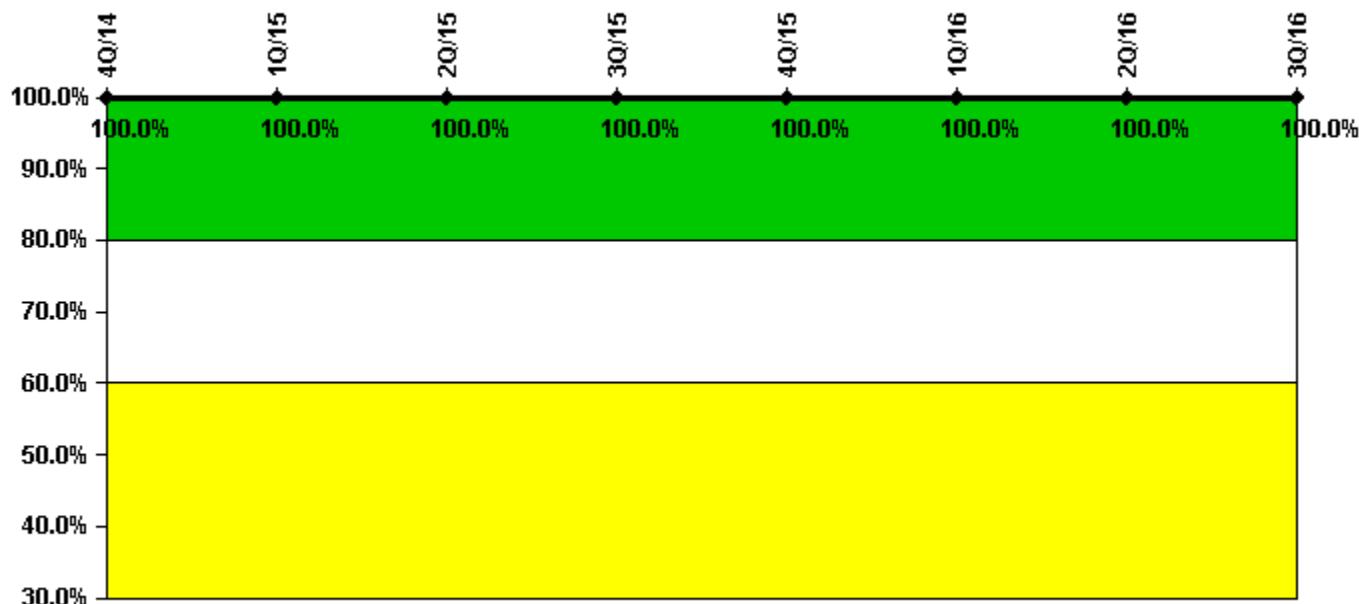
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Successful opportunities	40.0	47.0	65.0	44.0	27.0	31.0	80.0	44.0
Total opportunities	40.0	47.0	67.0	45.0	27.0	32.0	80.0	47.0
Indicator value	98.2%	98.9%	98.8%	98.6%	98.5%	98.3%	98.5%	98.2%

Licensee Comments: none

ERO Drill Participation



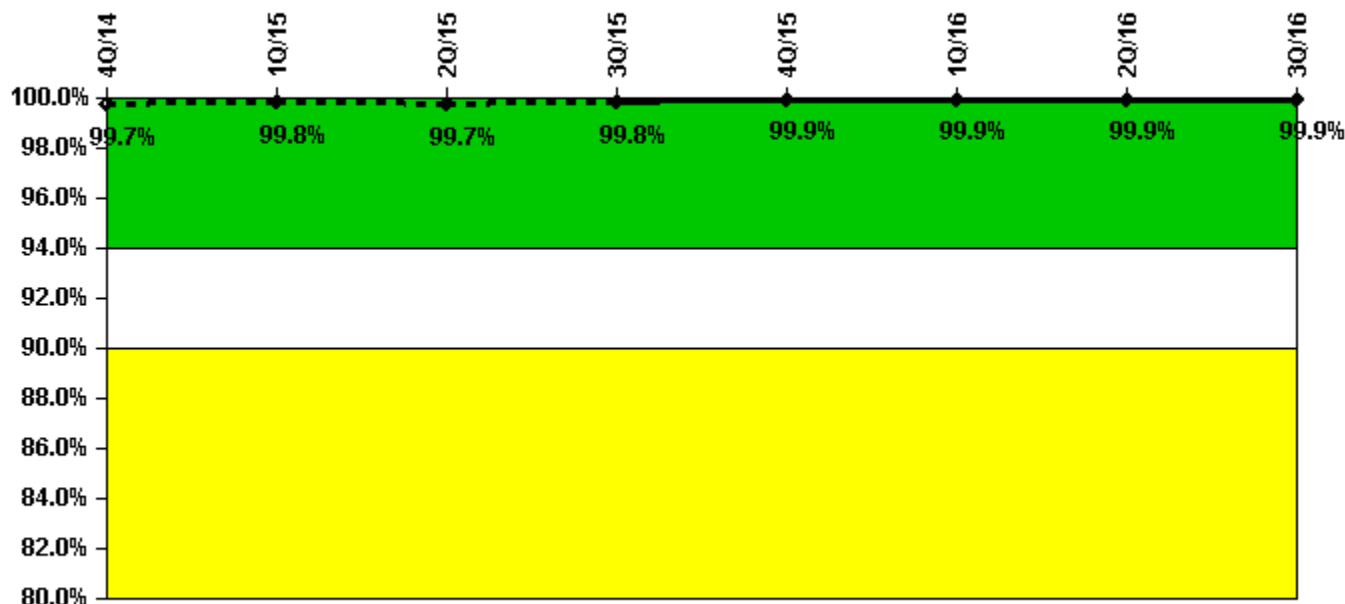
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Participating Key personnel	78.0	72.0	75.0	72.0	77.0	70.0	64.0	64.0
Total Key personnel	78.0	72.0	75.0	72.0	77.0	70.0	64.0	64.0
Indicator value	100.0%							

Licensee Comments: none

Alert & Notification System



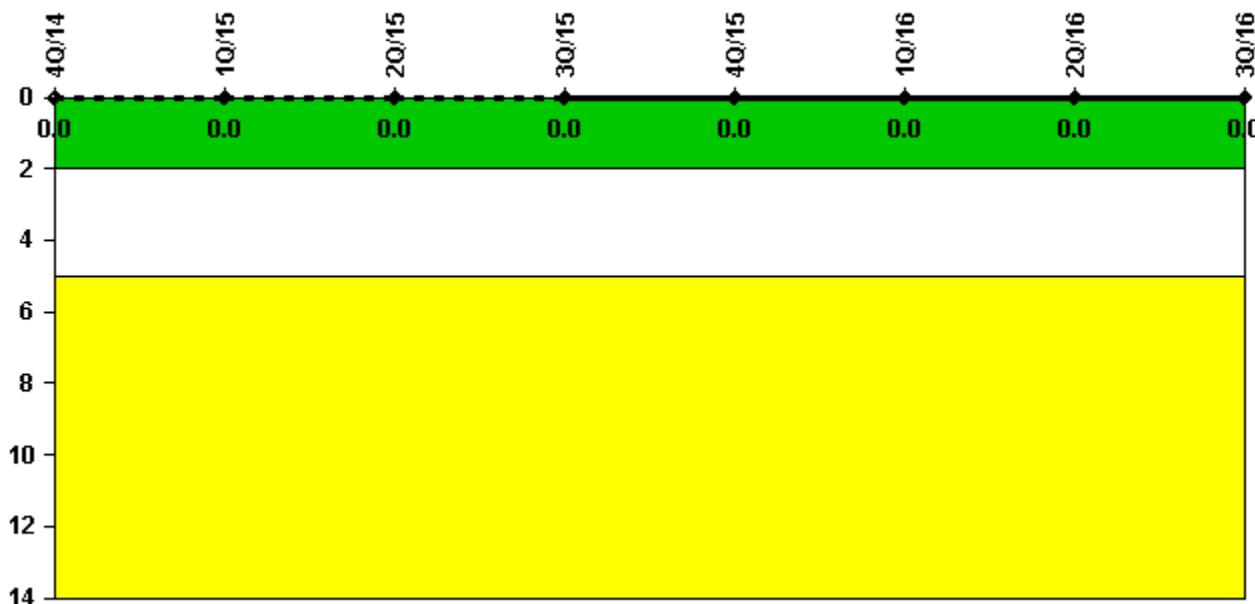
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Successful siren-tests	2940	2895	2937	2985	2943	2942	2942	2937
Total sirens-tests	2944	2898	2944	2990	2944	2944	2944	2944
Indicator value	99.7%	99.8%	99.7%	99.8%	99.9%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



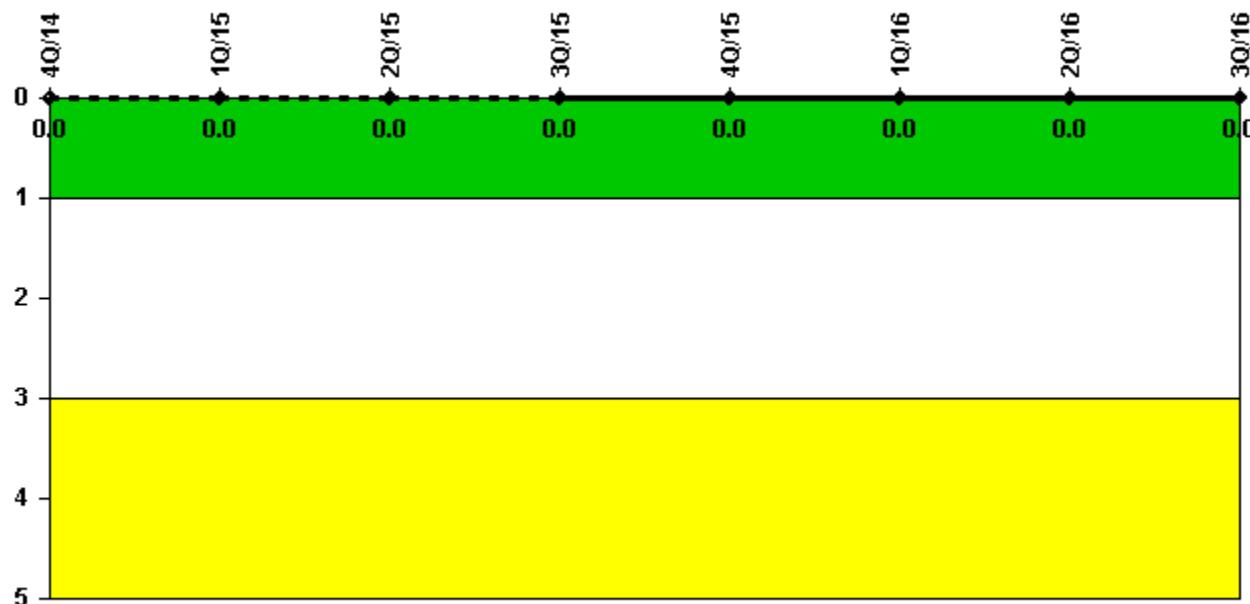
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/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

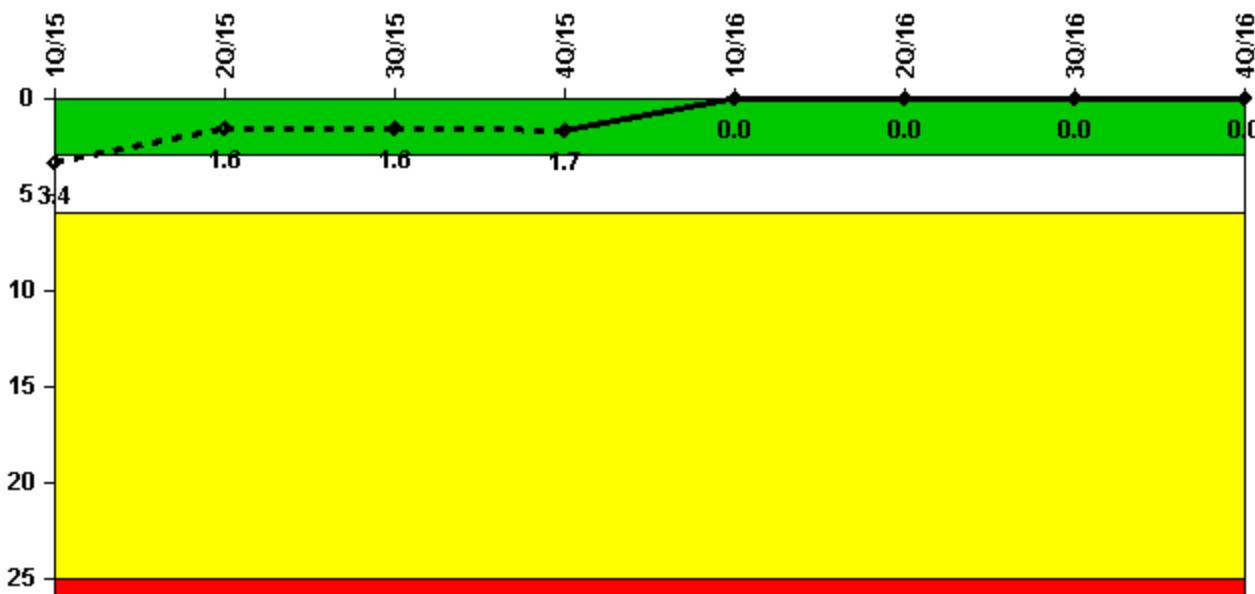
Dresden 2

4Q/2016 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



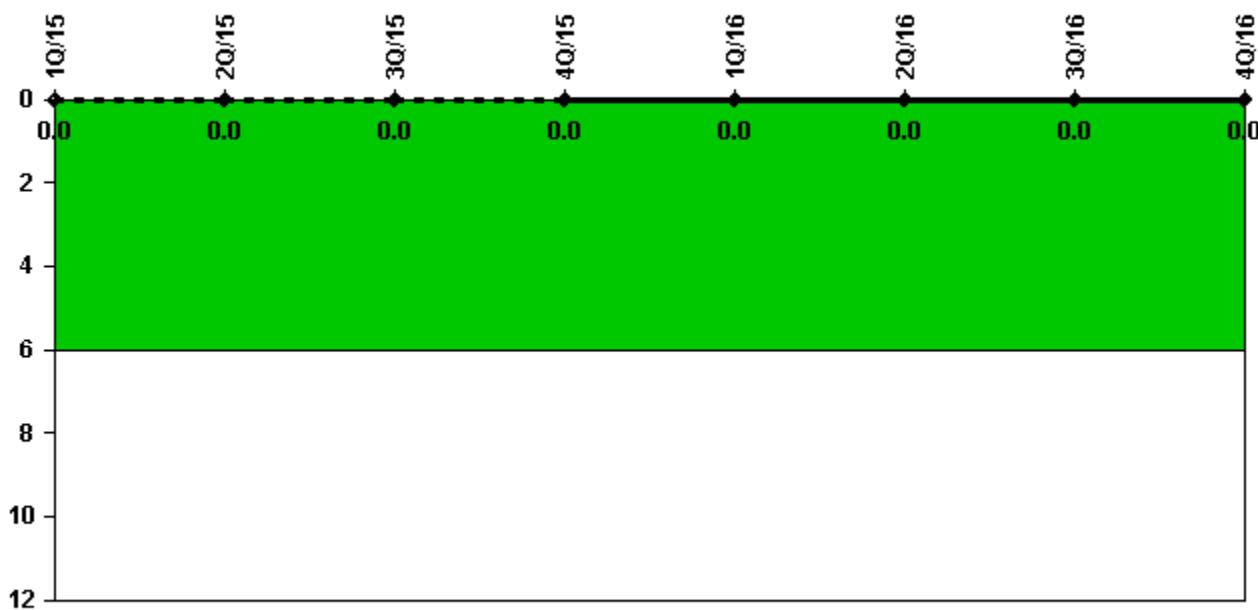
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	2.0	0	0	0	0	0	0	0
Critical hours	1998.0	2184.0	2208.0	1779.6	2183.0	2184.0	2208.0	2209.0
Indicator value	3.4	1.6	1.6	1.7	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



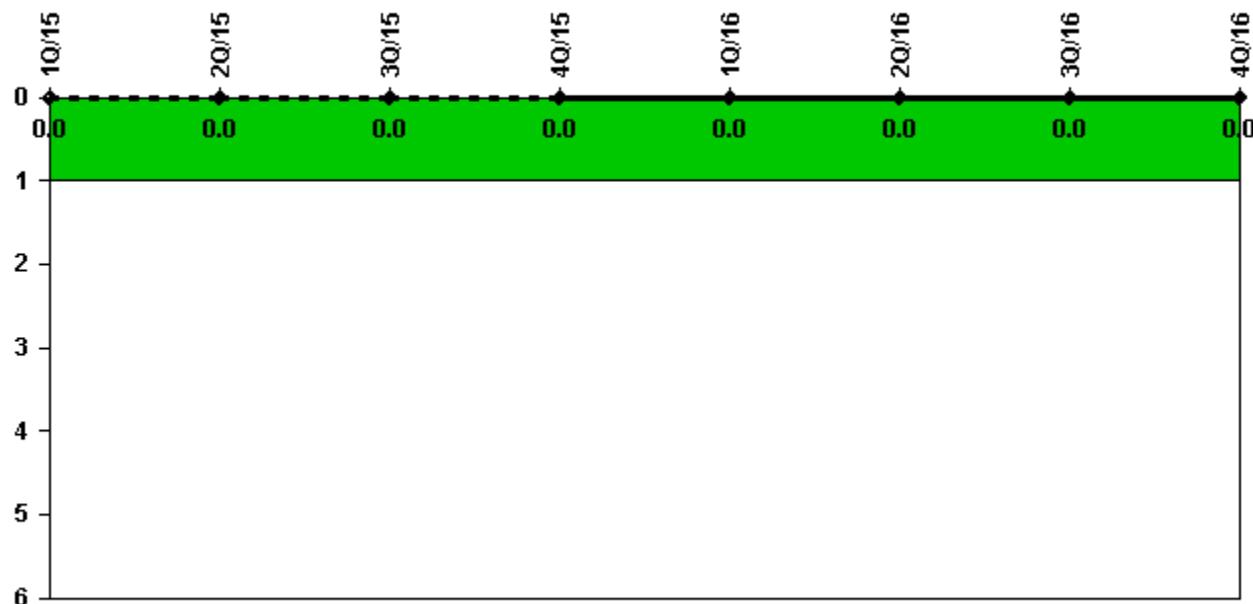
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	1998.0	2184.0	2208.0	1779.6	2183.0	2184.0	2208.0	2209.0
Indicator value	0							

Licensee Comments: none

Unplanned Scrams with Complications



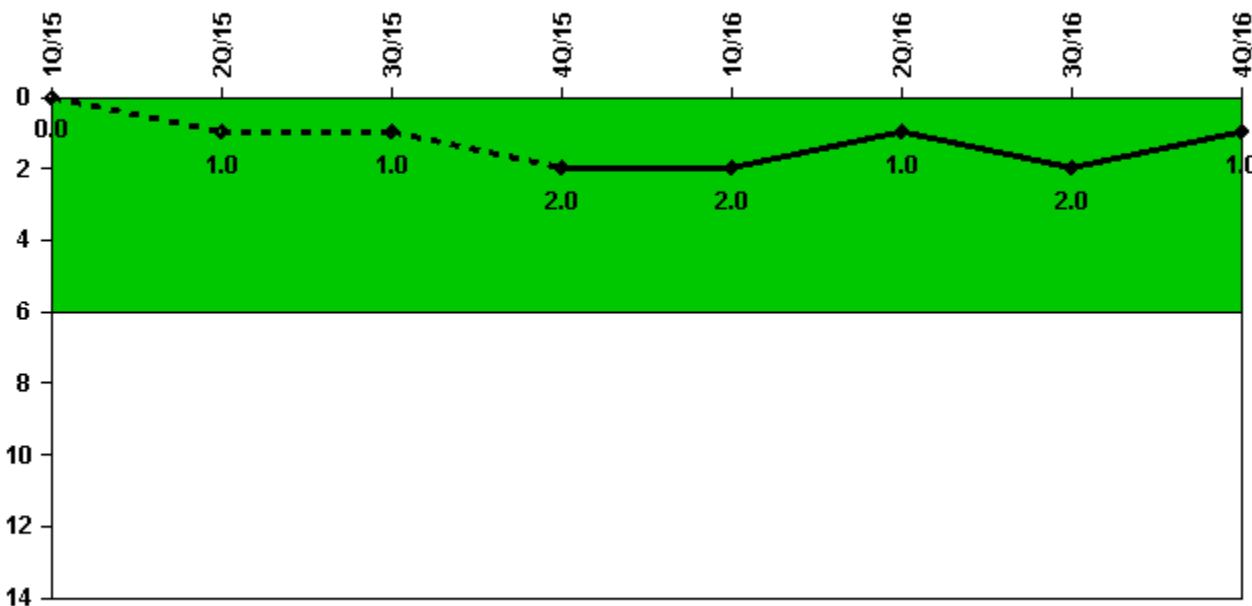
Thresholds: White > 1.0

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	0	0
Indicator value	0.0							

Licensee Comments: none

Safety System Functional Failures (BWR)



Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Safety System Functional Failures	0	1	0	1	0	0	1	0
Indicator value	0	1	1	2	2	1	2	1

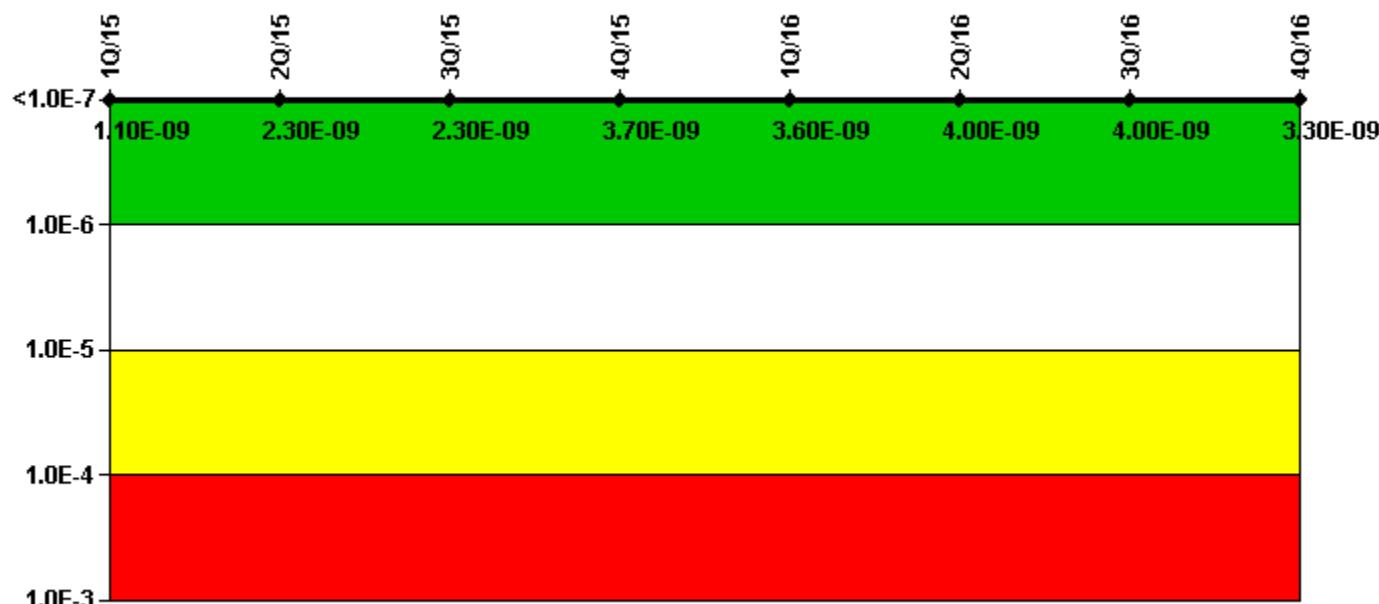
Licensee Comments:

3Q/16: LER 237/2016-002-00, "Unit 2 HPCI Inlet Steam Drain Pot Piping Leak Resulting in HPCI Inoperability," dated 7/15/2016

4Q/15: LER 237/2015-003-00 Unit 2 Turbine Building to Reactor Building Interlock Doors Open Simultaneously, dated 10/30/15

2Q/15: LER 237-2015-002-00, "2C ERV Failed to Actuate during Extent of Condition Testing", dated 04-03-2015

Mitigating Systems Performance Index, Emergency AC Power System



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

Notes

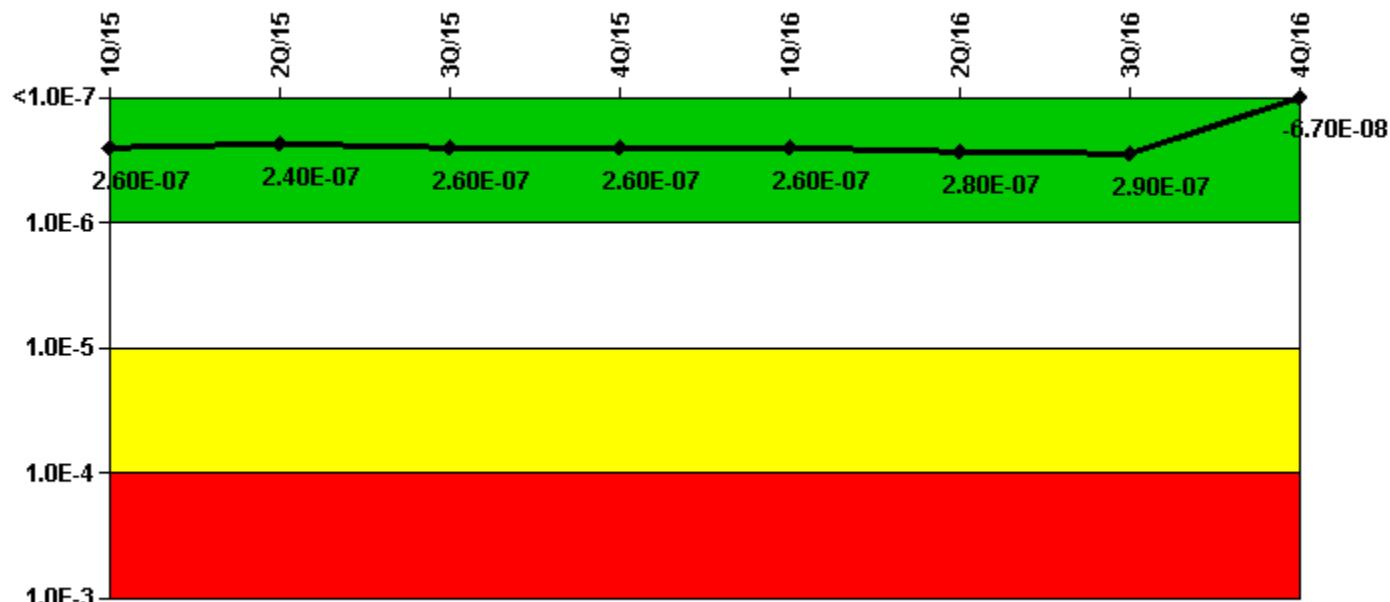
Mitigating Systems Performance Index, Emergency AC Power System	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
UAI (Δ CDF)	1.75E-11	2.31E-10	2.01E-10	2.67E-10	2.76E-10	0.00E+00	0.00E+00	0.00E+00
URI (Δ CDF)	1.07E-09	2.11E-09	2.12E-09	3.43E-09	3.34E-09	4.03E-09	4.03E-09	3.30E-09
PLE	NO							
Indicator value	1.10E-09	2.30E-09	2.30E-09	3.70E-09	3.60E-09	4.00E-09	4.00E-09	3.30E-09

Licensee Comments:

4Q/15: An MSPI EDG failure that occurred in October 2015 (Issue Report 2573588) was reported to CDE via ICES 320357 in 2nd quarter 2016. ICES 320357 resulted in the re-calculation of EDG URI values from October 2015 onward.

4Q/15: An MSPI EDG failure that occurred in October 2015 (Issue Report 2573588) was reported to CDE via ICES 320357 in 2nd quarter 2016. ICES 320357 resulted in the re-calculation of EDG URI values from October 2015 onward.

Mitigating Systems Performance Index, High Pressure Injection System



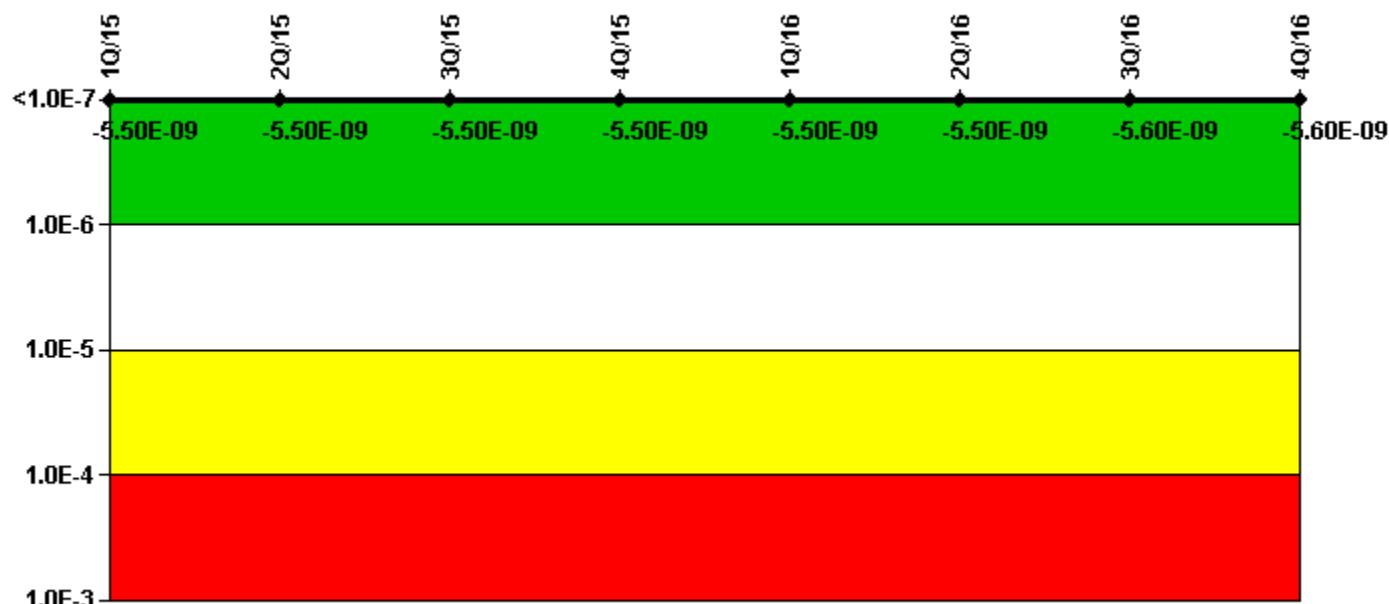
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	6.76E-08	4.11E-08	6.30E-08	6.26E-08	6.25E-08	8.18E-08	9.38E-08	9.51E-10
URI (Δ CDF)		1.97E-07	1.97E-07	1.97E-07	1.97E-07	1.97E-07	1.97E-07	-6.80E-08
PLE	NO							
Indicator value	2.60E-07	2.40E-07	2.60E-07	2.60E-07	2.60E-07	2.80E-07	2.90E-07	-6.70E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



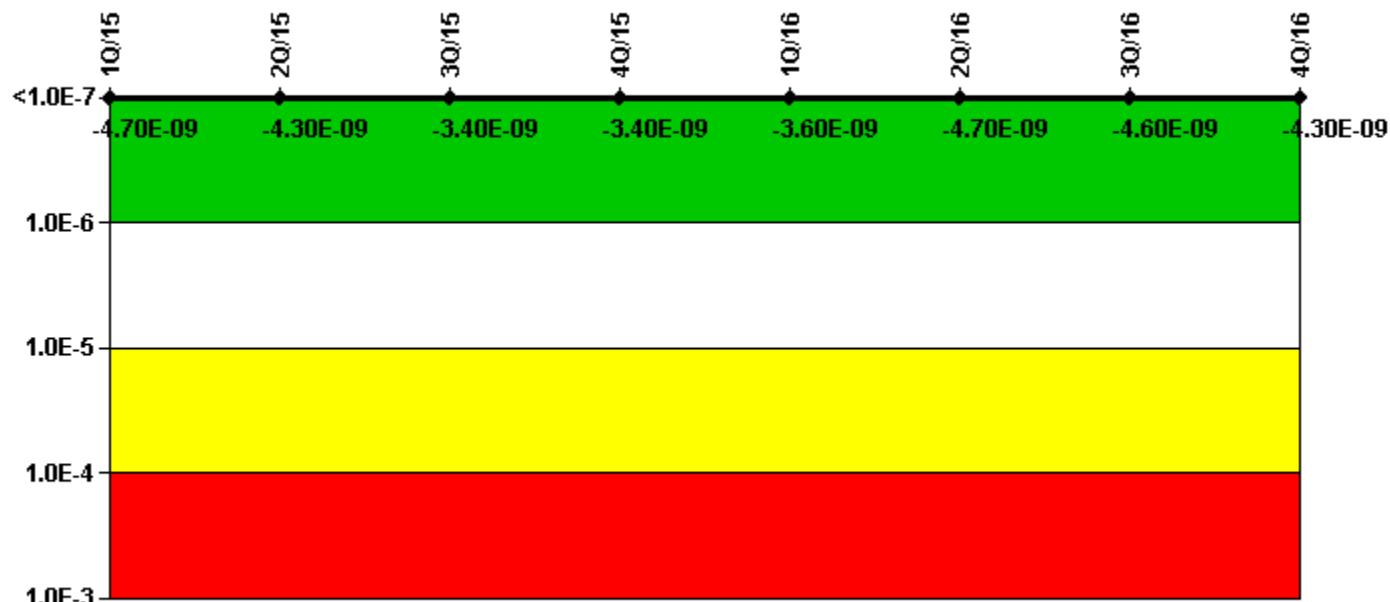
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
UAI (Δ CDF)	-5.43E-09							
URI (Δ CDF)	-1.01E-10	-1.09E-10	-1.09E-10	-1.09E-10	-1.09E-10	-1.13E-10	-1.25E-10	-1.25E-10
PLE	NO							
Indicator value	-5.50E-09	-5.50E-09	-5.50E-09	-5.50E-09	-5.50E-09	-5.50E-09	-5.60E-09	-5.60E-09

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



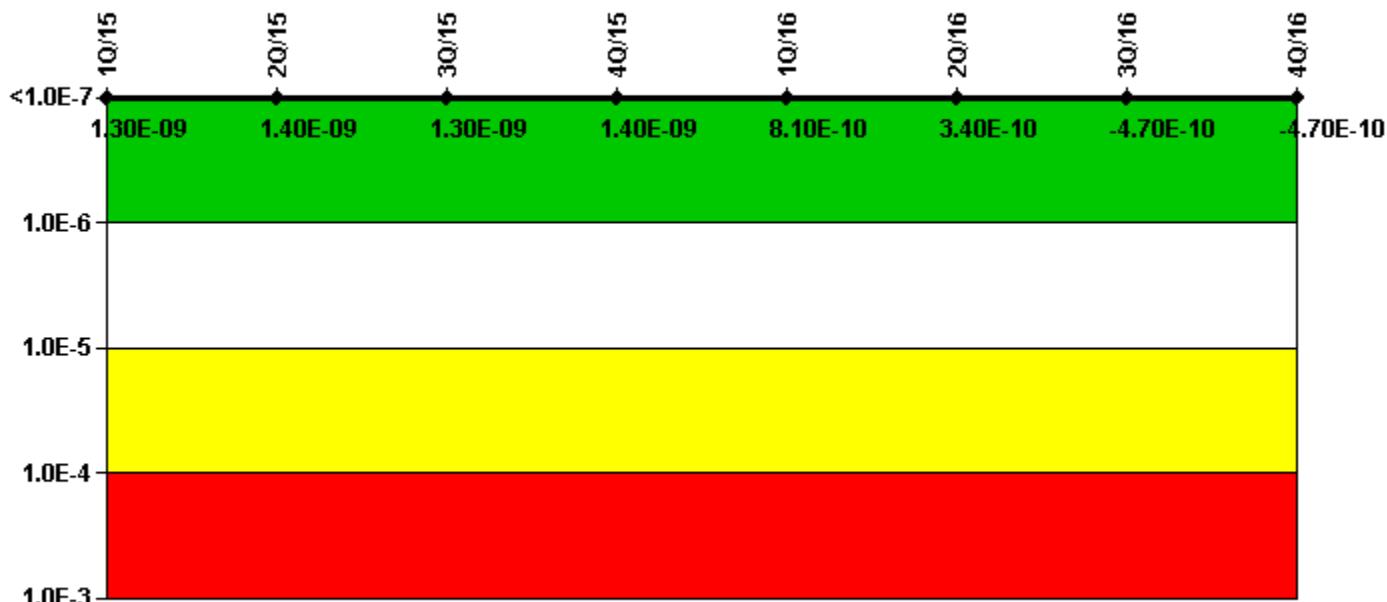
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
UAI (Δ CDF)	-7.19E-10	-2.50E-10	8.26E-10	1.02E-09	8.71E-10	-1.57E-10	3.89E-11	2.73E-10
URI (Δ CDF)	-3.96E-09	-4.08E-09	-4.24E-09	-4.39E-09	-4.45E-09	-4.51E-09	-4.64E-09	-4.61E-09
PLE	NO							
Indicator value	-4.70E-09	-4.30E-09	-3.40E-09	-3.40E-09	-3.60E-09	-4.70E-09	-4.60E-09	-4.30E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



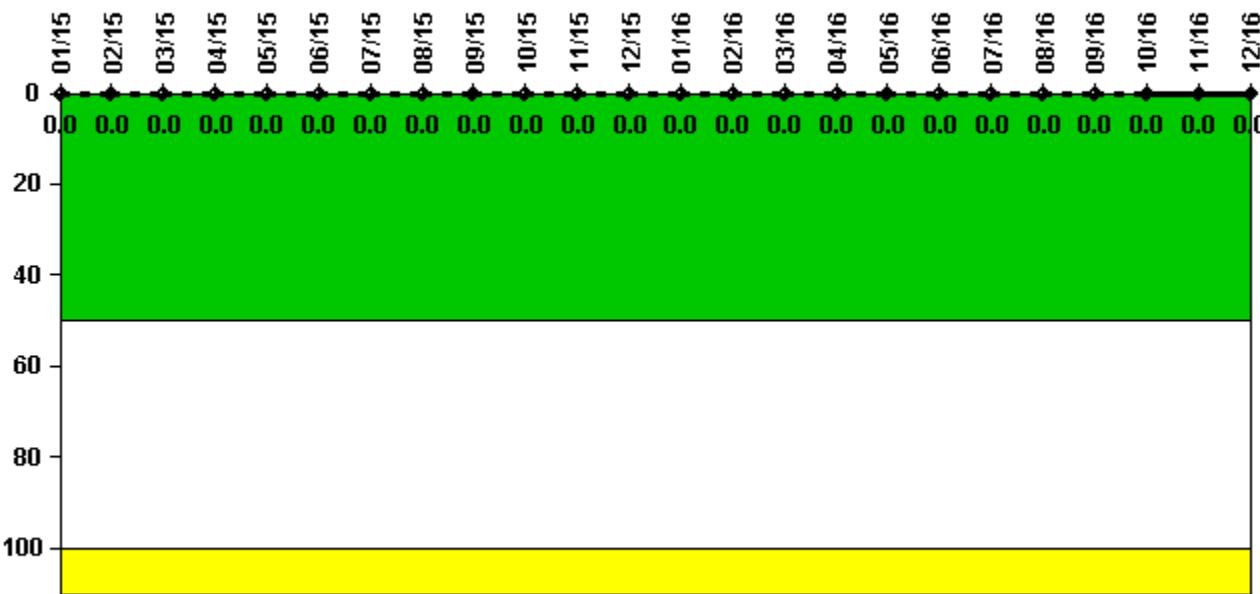
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
UAI (Δ CDF)	1.36E-09	1.39E-09	1.36E-09	1.39E-09	8.33E-10	3.64E-10	-4.47E-10	-4.47E-10
URI (Δ CDF)	-2.74E-11	-2.75E-11	-2.73E-11	-2.74E-11	-2.74E-11	-2.70E-11	-2.69E-11	-2.58E-11
PLE	NO	NO						
Indicator value	1.30E-09	1.40E-09	1.30E-09	1.40E-09	8.10E-10	3.40E-10	-4.70E-10	-4.70E-10

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

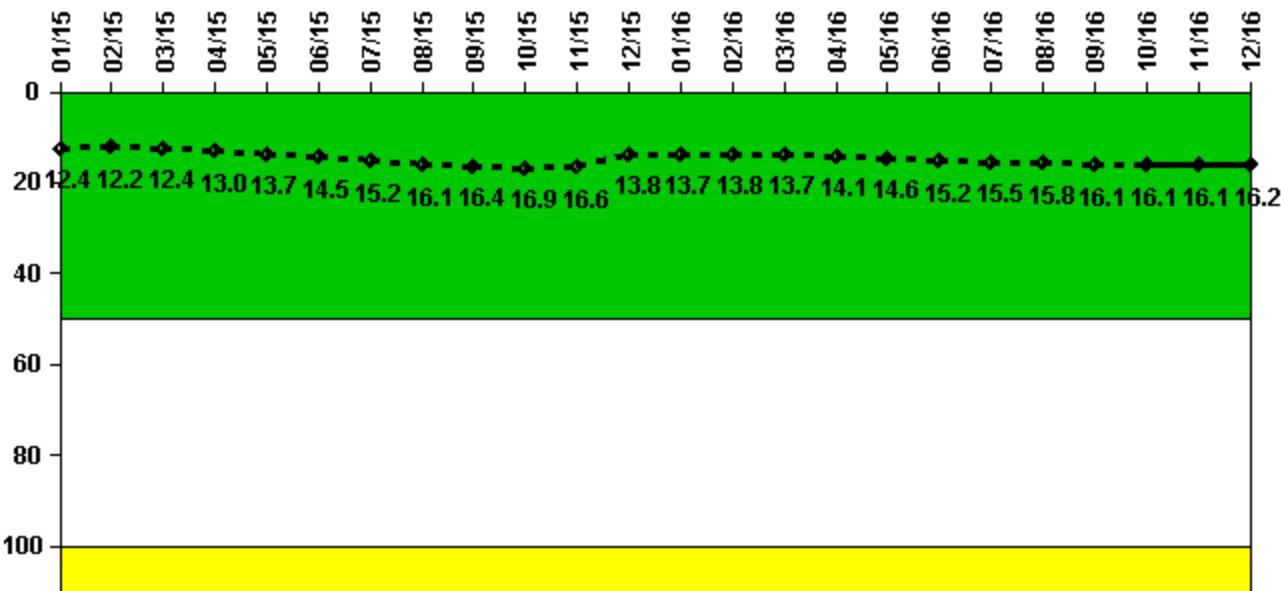
Notes

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	0.000005	0.000007	0.000008	0.000007	0.000006	0.000007	0.000006	0.000007	0.000008	0.000010	0.000004	0.000003
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	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	0.000003	0.000004	0.000002	0.000003	0.000003	0.000003	0.000003	0.000003	0.000004	0.000004	0.000005	0.000004
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



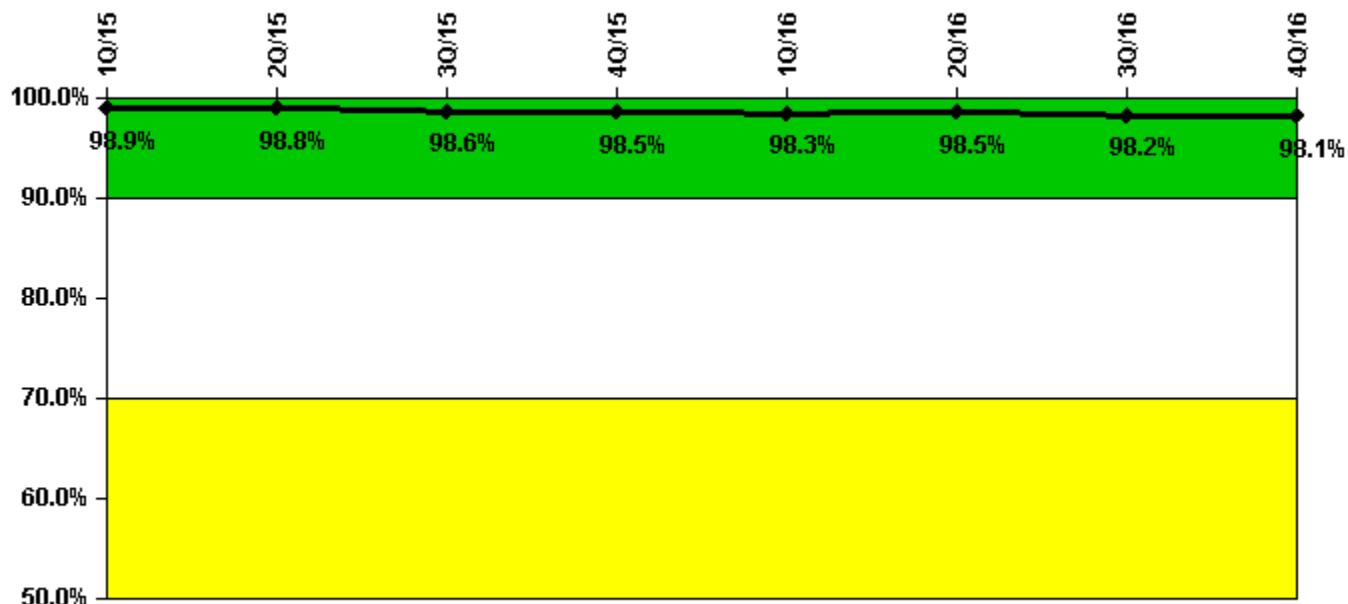
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/15	2/15	3/15	4/15	5/15	6/15	7/15	8/15	9/15	10/15	11/15	12/15
Maximum leakage	3.093	3.042	3.095	3.262	3.434	3.630	3.808	4.030	4.088	4.219	4.144	3.444
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	12.4	12.2	12.4	13.0	13.7	14.5	15.2	16.1	16.4	16.9	16.6	13.8
Reactor Coolant System Leakage	1/16	2/16	3/16	4/16	5/16	6/16	7/16	8/16	9/16	10/16	11/16	12/16
Maximum leakage	3.413	3.440	3.430	3.524	3.661	3.804	3.875	3.951	4.018	4.032	4.020	4.049
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	13.7	13.8	13.7	14.1	14.6	15.2	15.5	15.8	16.1	16.1	16.1	16.2

Licensee Comments: none

Drill/Exercise Performance



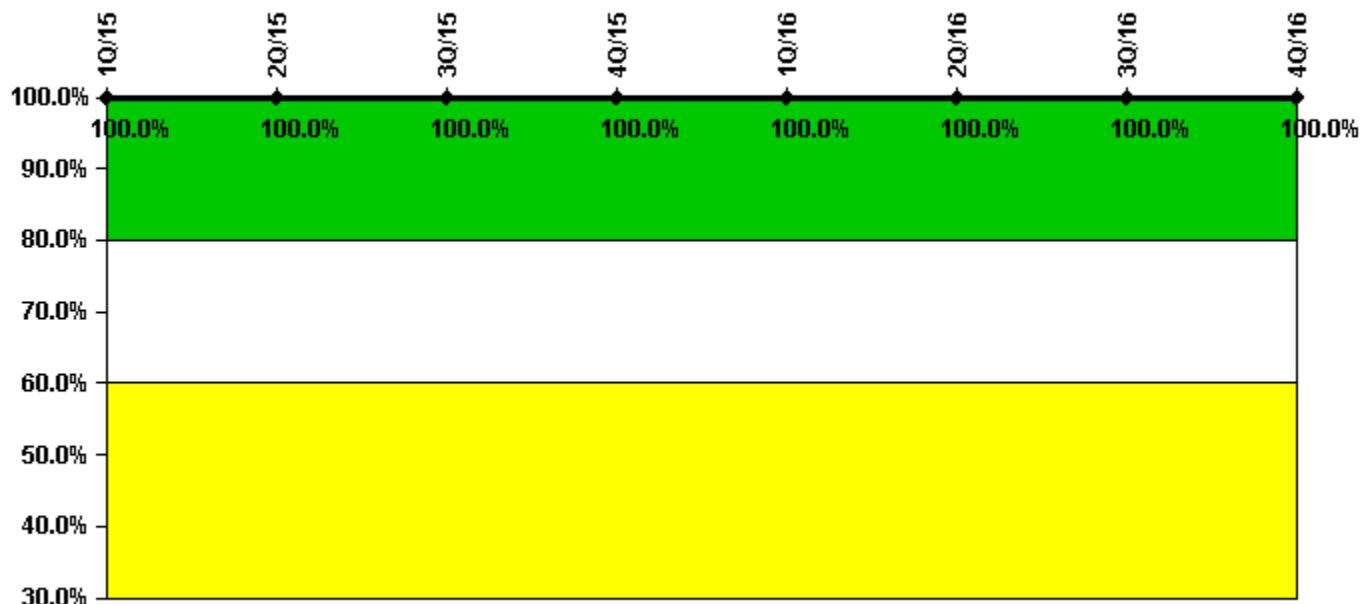
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Successful opportunities	47.0	65.0	44.0	27.0	31.0	80.0	44.0	33.0
Total opportunities	47.0	67.0	45.0	27.0	32.0	80.0	47.0	33.0
Indicator value	98.9%	98.8%	98.6%	98.5%	98.3%	98.5%	98.2%	98.1%

Licensee Comments: none

ERO Drill Participation



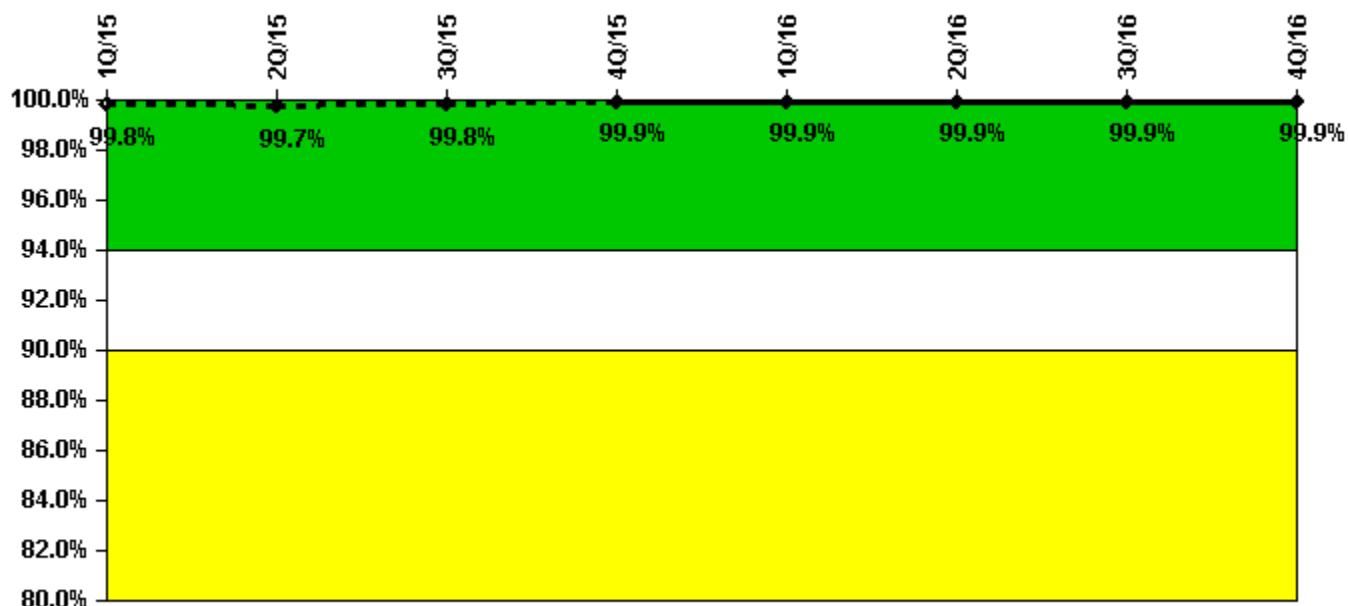
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Participating Key personnel	72.0	75.0	72.0	77.0	70.0	64.0	64.0	65.0
Total Key personnel	72.0	75.0	72.0	77.0	70.0	64.0	64.0	65.0
Indicator value	100.0%							

Licensee Comments: none

Alert & Notification System



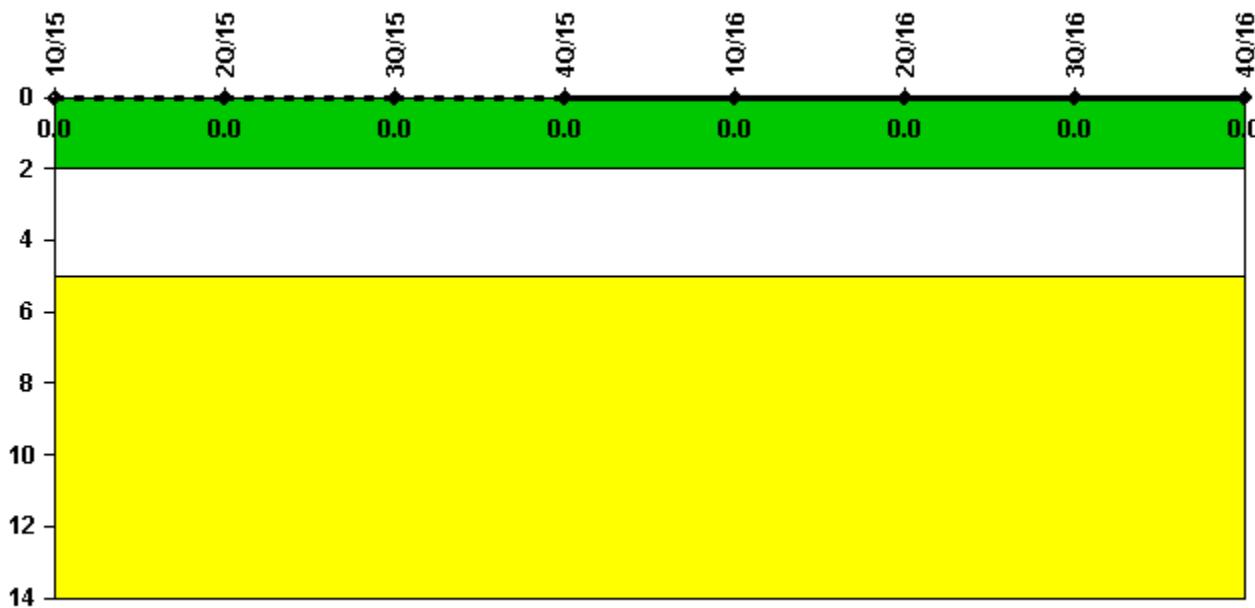
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Successful siren-tests	2895	2937	2985	2943	2942	2942	2937	2852
Total sirens-tests	2898	2944	2990	2944	2944	2944	2944	2852
Indicator value	99.8%	99.7%	99.8%	99.9%	99.9%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



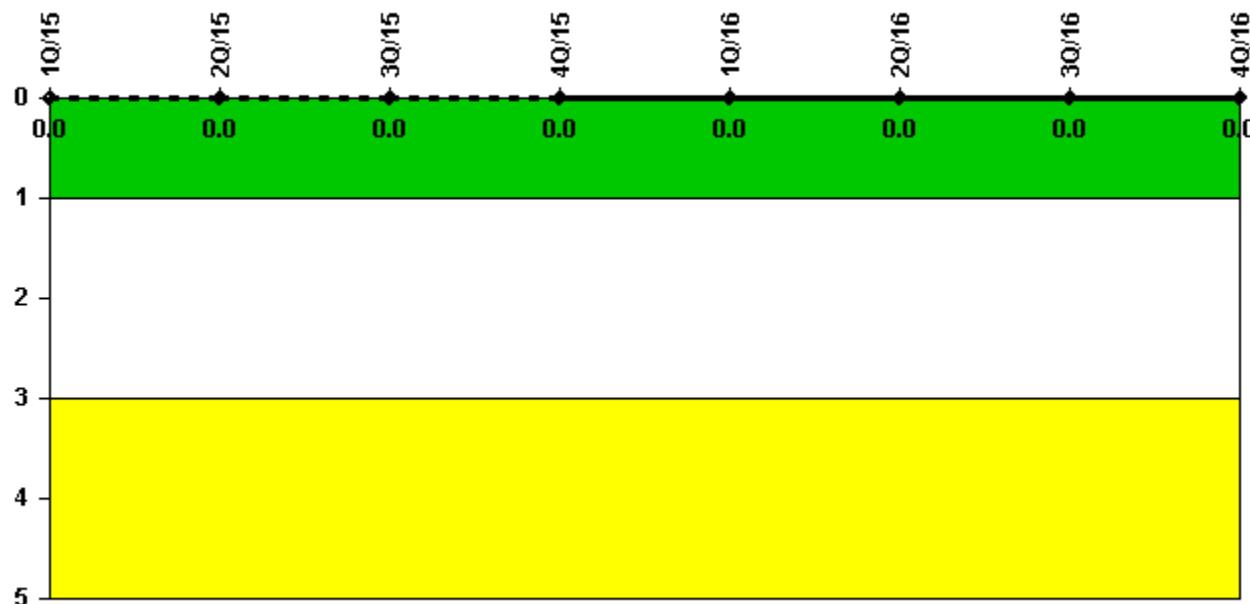
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/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 > Dresden 2 > Quarterly Performance Indicators

Dresden 2 – Quarterly Performance Indicators

1Q/2017 Performance Indicators

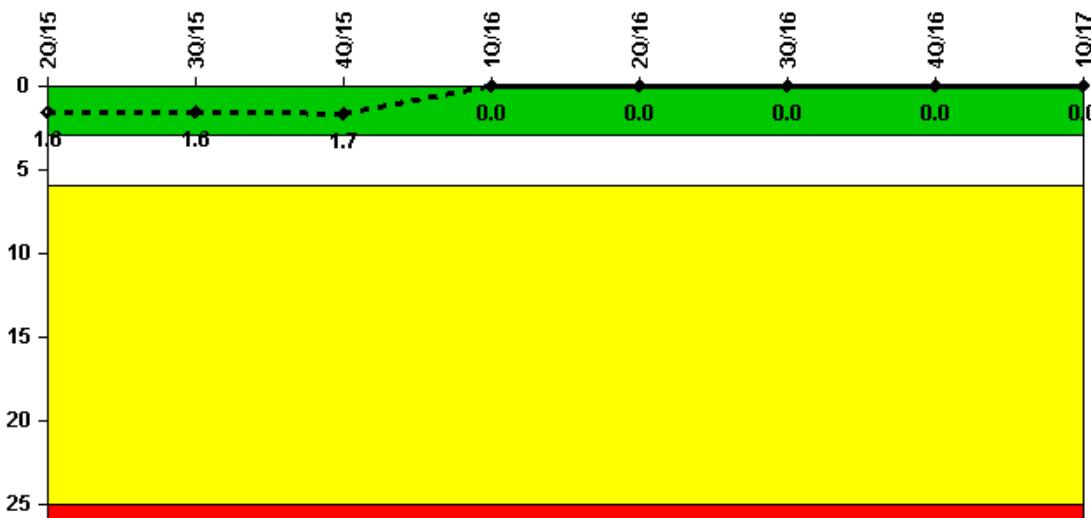
The solid trend line represents the current reporting period.

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

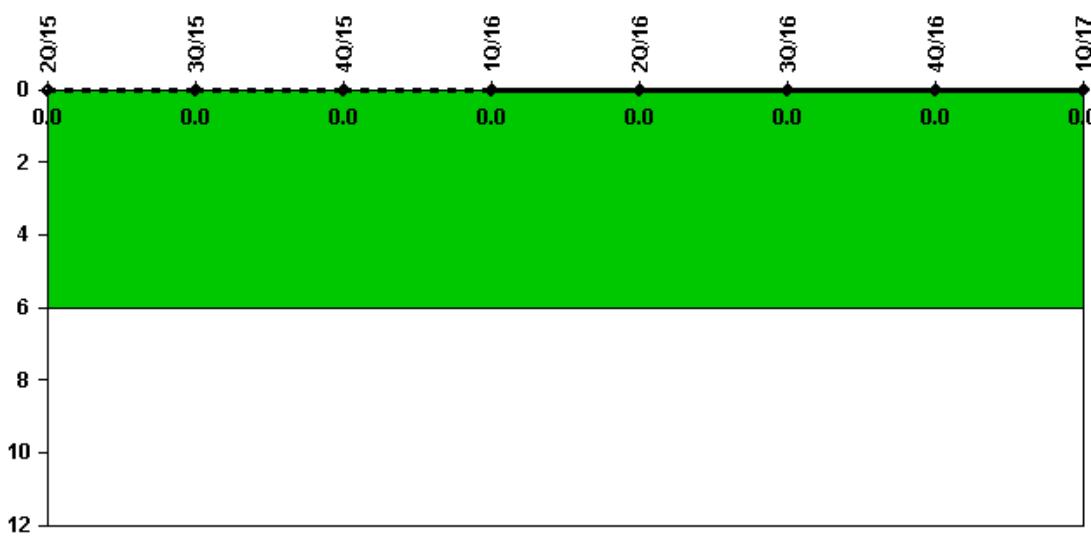
Unplanned Scrams per 7000 Critical Hrs	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2184.0	2208.0	1779.6	2183.0	2184.0	2208.0	2209.0	2159.0

Indicator value



Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

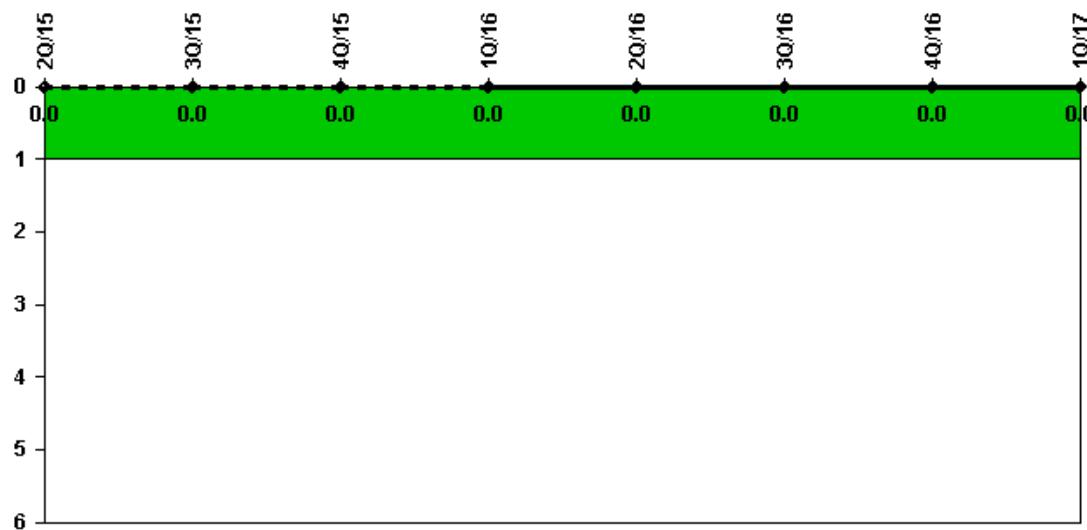
Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2184.0	2208.0	1779.6	2183.0	2184.0	2208.0	2209.0	2159.0

Indicator value **0** **0** **0** **0** **0** **0** **0** **0**



Licensee Comments: none



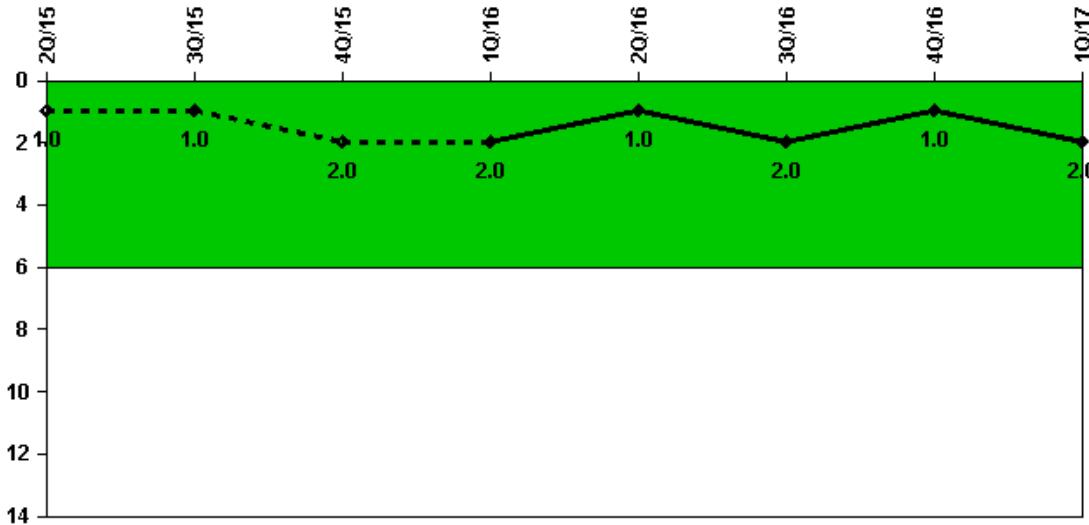
Thresholds: White > 1.0

Notes

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 (BWR)

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR) 2Q/15 3Q/15 4Q/15 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17
Safety System Functional Failures 1 0 1 0 0 1 0 1

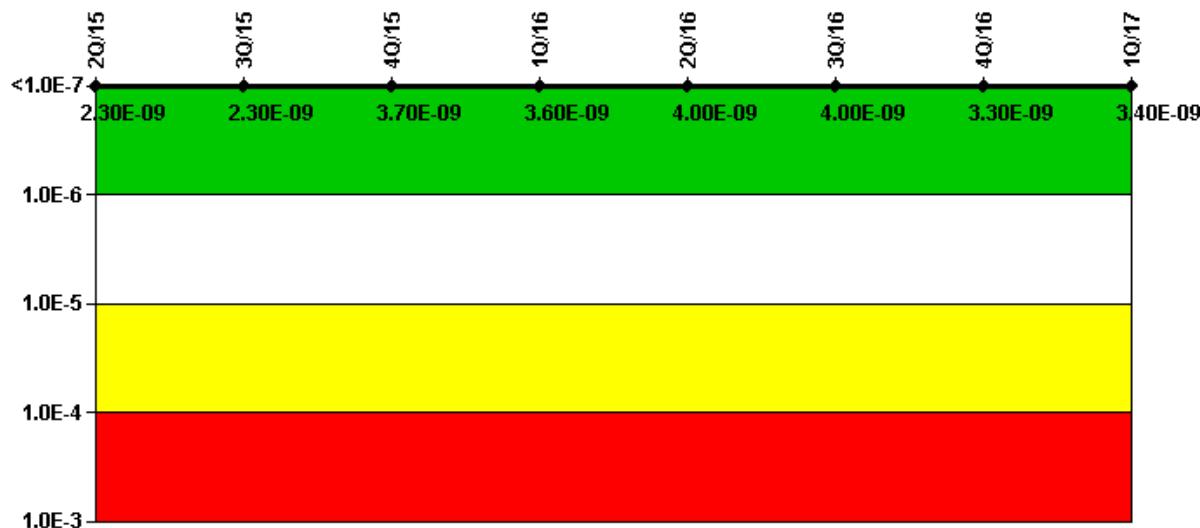
Indicator value 1 1 2 2 1 2 1 2

▲ TOP

Licensee Comments:

1Q/17: LER 237-2016-004-00, Reactor Building Differential Pressure Less than Technical Specification Requirement, dated 1/9/2017
3Q/16: LER 237/2016-002-00, "Unit 2 HPCI Inlet Steam Drain Pot Piping Leak Resulting in HPCI Inoperability," dated 7/15/2016
4Q/15: LER 237/2015-003-00 Unit 2 Turbine Building to Reactor Building Interlock Doors Open Simultaneously, dated 10/30/15
2Q/15: LER 237-2015-002-00, "2C ERV Failed to Actuate during Extent of Condition Testing", dated 04-03-2015

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)	2.31E-10	2.01E-10	2.67E-10	2.76E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00
URI (Δ CDF)	2.11E-09	2.12E-09	3.43E-09	3.34E-09	4.03E-09	4.03E-09	3.30E-09	3.43E-09
PLE	NO							
Indicator value	2.30E-09	2.30E-09	3.70E-09	3.60E-09	4.00E-09	4.00E-09	3.30E-09	3.40E-09

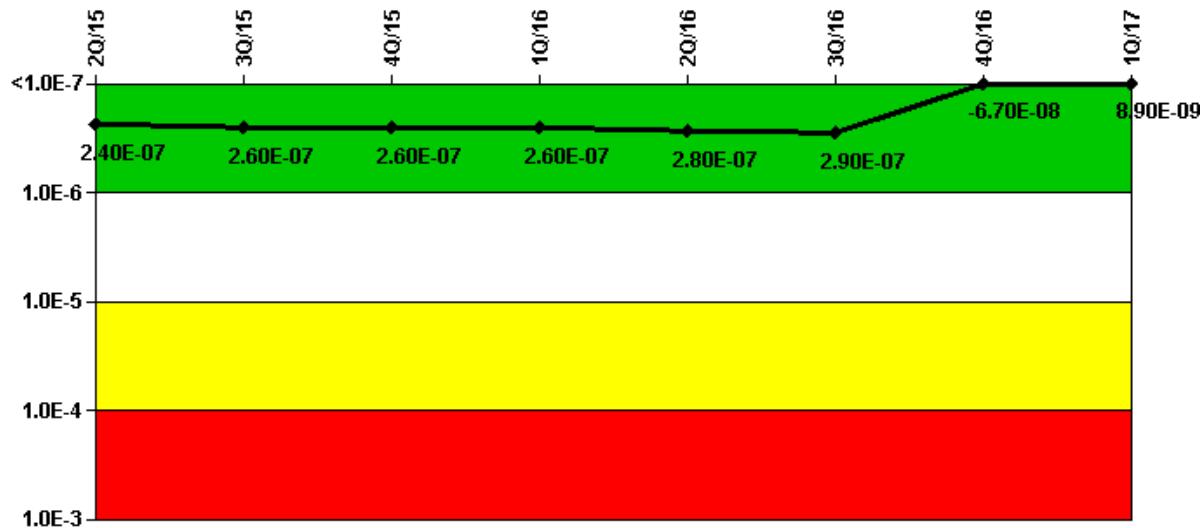
▲ TOP

Licensee Comments:

4Q/15: An MSPI EDG failure that occurred in October 2015 (Issue Report 2573588) was reported to CDE via ICES 320357 in 2nd quarter 2016. ICES 320357 resulted in the re-calculation of EDG URI values from October 2015 onward.

4Q/15: An MSPI EDG failure that occurred in October 2015 (Issue Report 2573588) was reported to CDE via ICES 320357 in 2nd quarter 2016. ICES 320357 resulted in the re-calculation of EDG URI values from October 2015 onward.

Mitigating Systems Performance Index, High Pressure Injection System



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

Notes

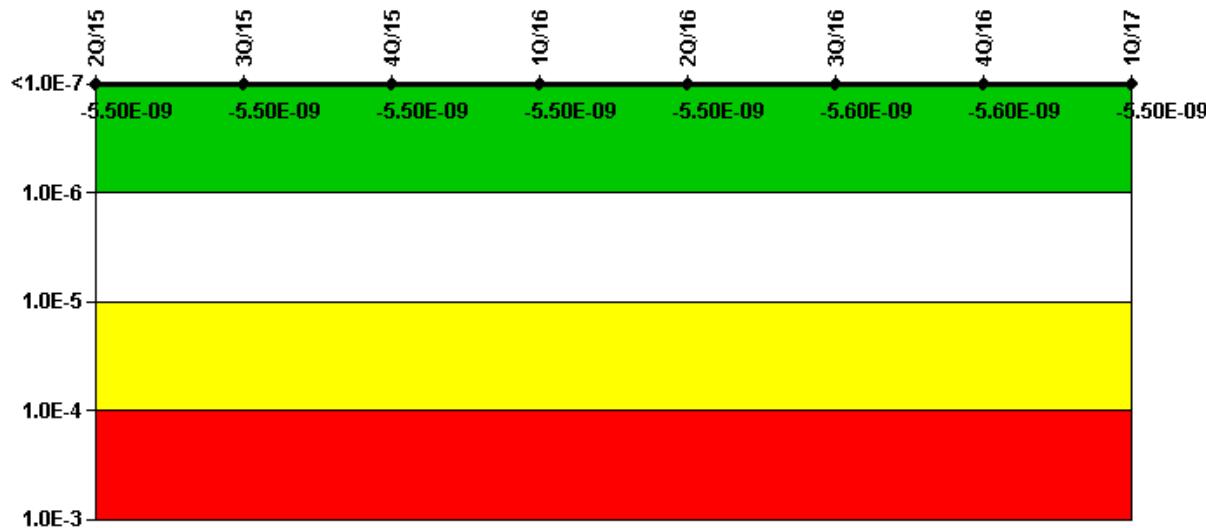
Mitigating Systems Performance Index, High Pressure Injection System

	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (Δ CDF)	4.11E-08	6.30E-08	6.26E-08	6.25E-08	8.18E-08	9.38E-08	9.51E-10	7.69E-08
URI (Δ CDF)	1.97E-07	1.97E-07	1.97E-07	1.97E-07	1.97E-07	1.97E-07	-6.80E-08	-6.80E-08
PLE	NO	NO						
Indicator value	2.40E-07	2.60E-07	2.60E-07	2.60E-07	2.80E-07	2.90E-07	-6.70E-08	8.90E-09

▲ TOP

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



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

Notes

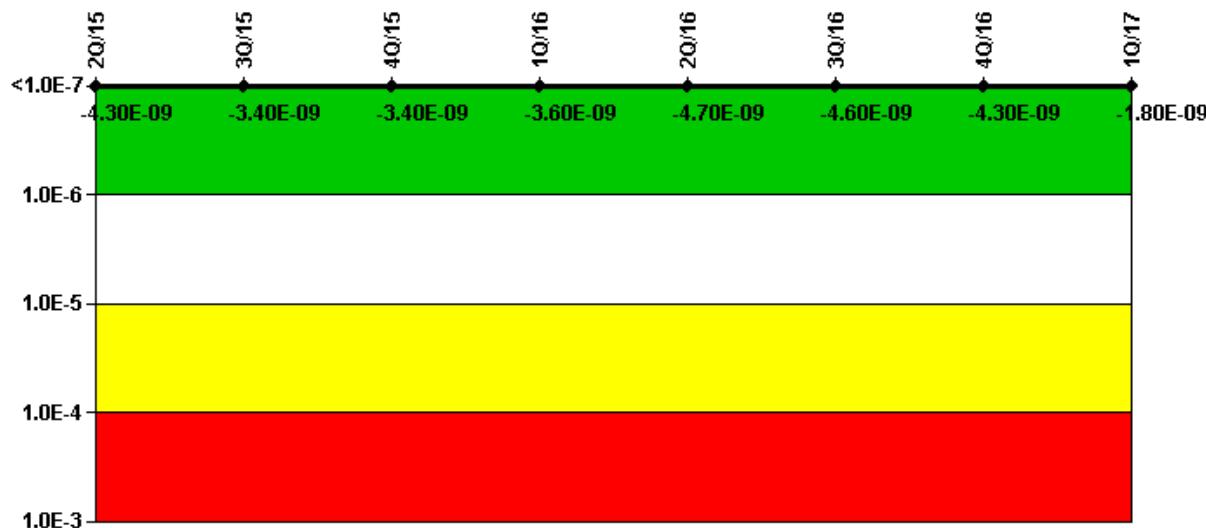
Mitigating Systems Performance Index, Heat Removal System

	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (Δ CDF)	-5.43E-09							
URI (Δ CDF)	-1.09E-10	-1.09E-10	-1.09E-10	-1.09E-10	-1.13E-10	-1.25E-10	-1.25E-10	-1.13E-10
PLE	NO							
Indicator value	-5.50E-09	-5.50E-09	-5.50E-09	-5.50E-09	-5.50E-09	-5.60E-09	-5.60E-09	-5.50E-09

▲ TOP

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



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

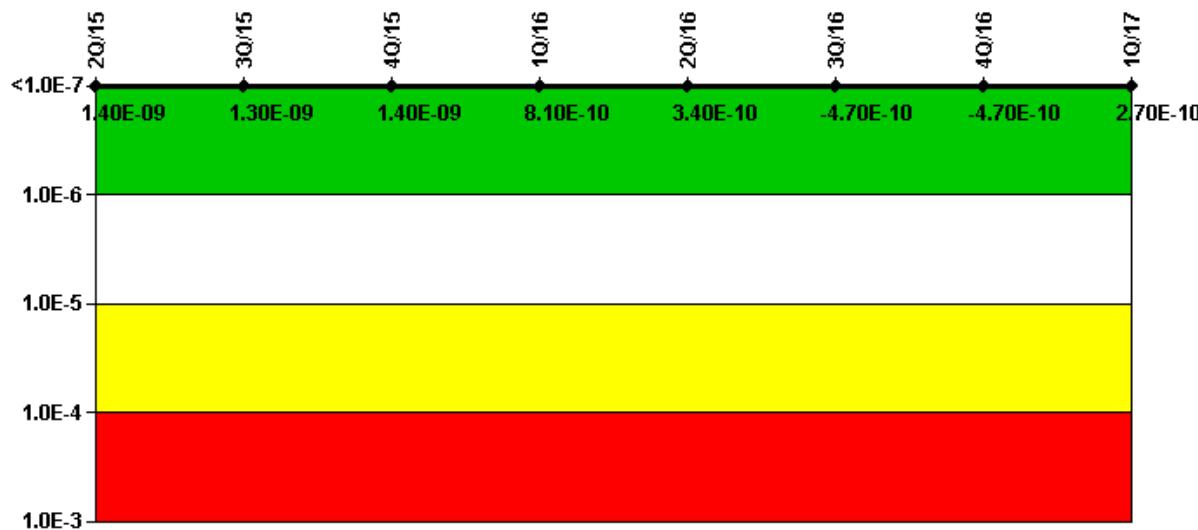
Notes

Mitigating Systems Performance Index, Residual Heat Removal System

	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (Δ CDF)	-2.50E-10	8.26E-10	1.02E-09	8.71E-10	-1.57E-10	3.89E-11	2.73E-10	2.82E-09
URI (Δ CDF)	-4.08E-09	-4.24E-09	-4.39E-09	-4.45E-09	-4.51E-09	-4.64E-09	-4.61E-09	-4.61E-09
PLE	NO							
Indicator value	-4.30E-09	-3.40E-09	-3.40E-09	-3.60E-09	-4.70E-09	-4.60E-09	-4.30E-09	-1.80E-09

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Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems

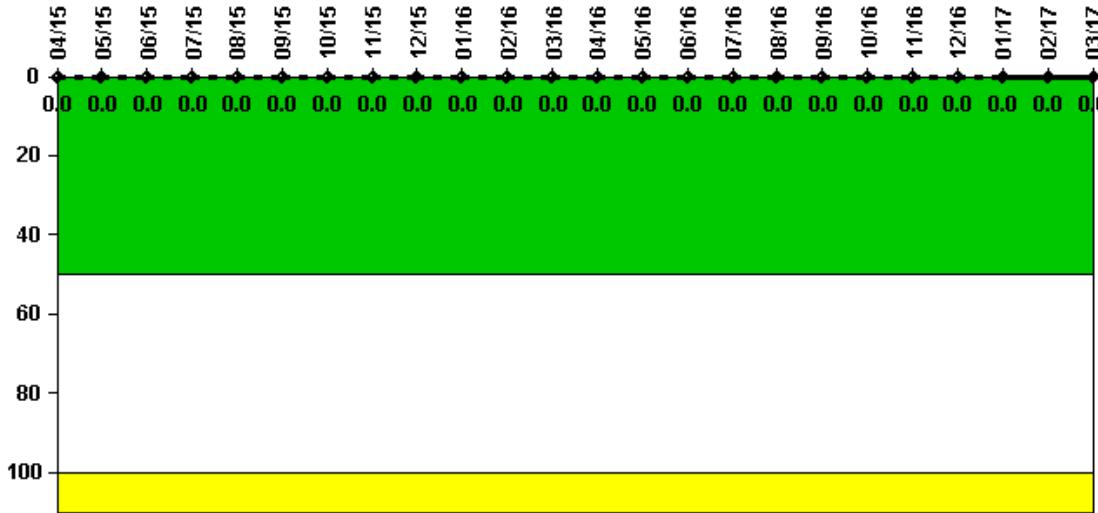
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes**Mitigating Systems Performance Index, Cooling Water Systems**

	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (Δ CDF)	1.39E-09	1.36E-09	1.39E-09	8.33E-10	3.64E-10	-4.47E-10	-4.47E-10	2.92E-10
URI (Δ CDF)	-2.75E-11	-2.73E-11	-2.74E-11	-2.74E-11	-2.70E-11	-2.69E-11	-2.58E-11	-2.61E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.40E-09	1.30E-09	1.40E-09	8.10E-10	3.40E-10	-4.70E-10	-4.70E-10	2.70E-10

▲ TOP

Licensee Comments: none

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	0.000007	0.000006	0.000007	0.000006	0.000007	0.000008	0.000010	0.000004	0.000003	0.000003	0.000004	0.000002
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

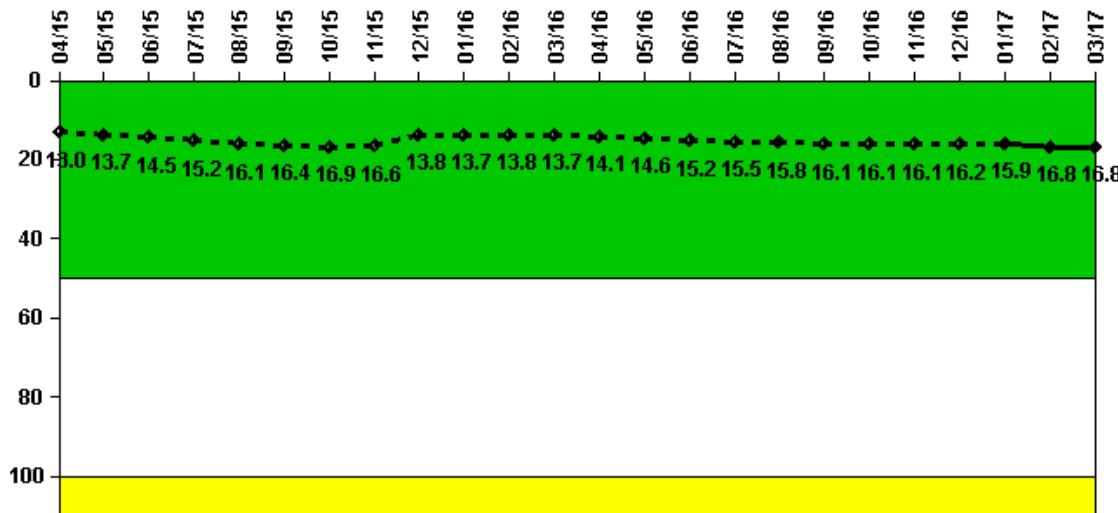
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	4/16	5/16	6/16	7/16	8/16	9/16	10/16	11/16	12/16	1/17	2/17	3/17
Maximum activity	0.000003	0.000003	0.000003	0.000003	0.000003	0.000004	0.000004	0.000005	0.000004	0.000004	0.000004	0.000006

Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
-------------------------------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
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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 3.262 3.434 3.630 3.808 4.030 4.088 4.219 4.144 3.444 3.413 3.440 3.430

Technical specification limit 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0

Indicator value 13.0 13.7 14.5 15.2 16.1 16.4 16.9 16.6 13.8 13.7 13.8 13.7

Reactor Coolant System Leakage 4/16 5/16 6/16 7/16 8/16 9/16 10/16 11/16 12/16 1/17 2/17 3/17

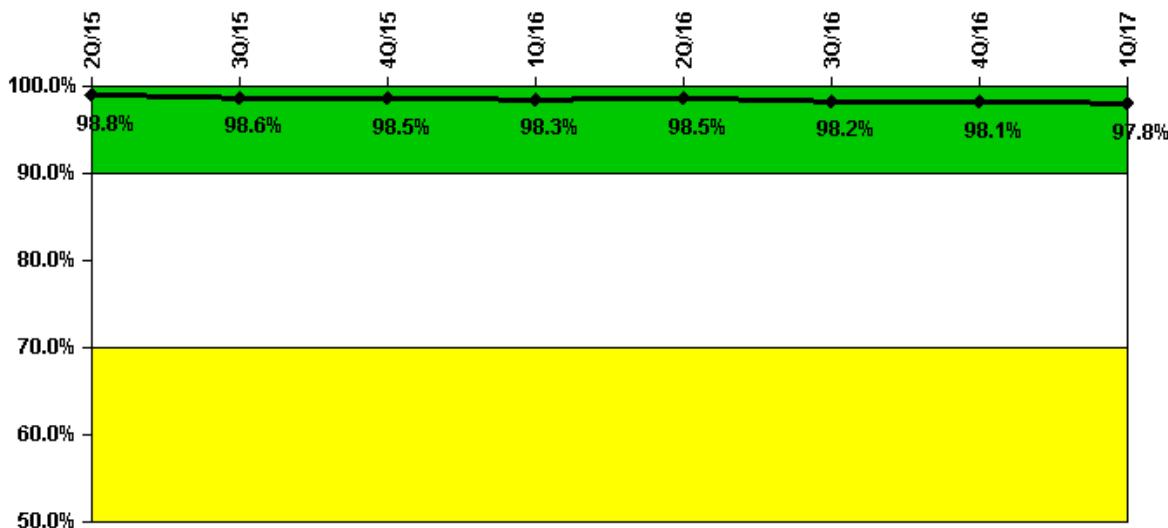
Maximum leakage 3.524 3.661 3.804 3.875 3.951 4.018 4.032 4.020 4.049 3.985 4.194 4.193

Technical specification limit 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0

Indicator value 14.1 14.6 15.2 15.5 15.8 16.1 16.1 16.1 16.2 15.9 16.8 16.8

TOP

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

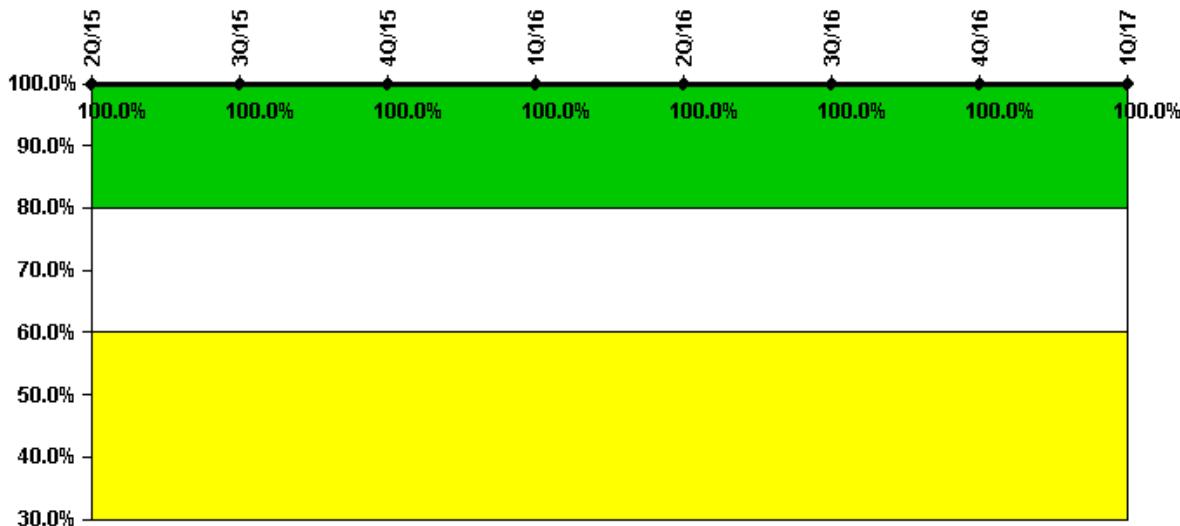
Notes

Drill/Exercise Performance	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Successful opportunities	65.0	44.0	27.0	31.0	80.0	44.0	33.0	34.0
Total opportunities	67.0	45.0	27.0	32.0	80.0	47.0	33.0	35.0

Indicator value **98.8% 98.6% 98.5% 98.3% 98.5% 98.2% 98.1% 97.8%**

▲ TOP

Licensee Comments: none

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

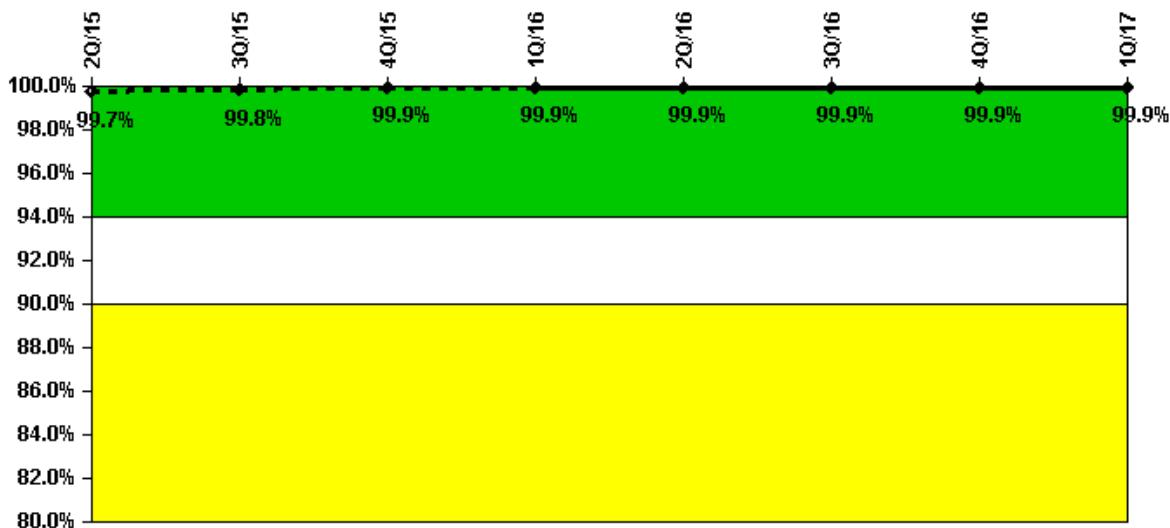
Notes

ERO Drill Participation	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Participating Key personnel	75.0	72.0	77.0	70.0	64.0	64.0	65.0	65.0
Total Key personnel	75.0	72.0	77.0	70.0	64.0	64.0	65.0	65.0

Indicator value 100.0% 100.0% 100.0% 100.0% 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** **2Q/15** **3Q/15** **4Q/15** **1Q/16** **2Q/16** **3Q/16** **4Q/16** **1Q/17**

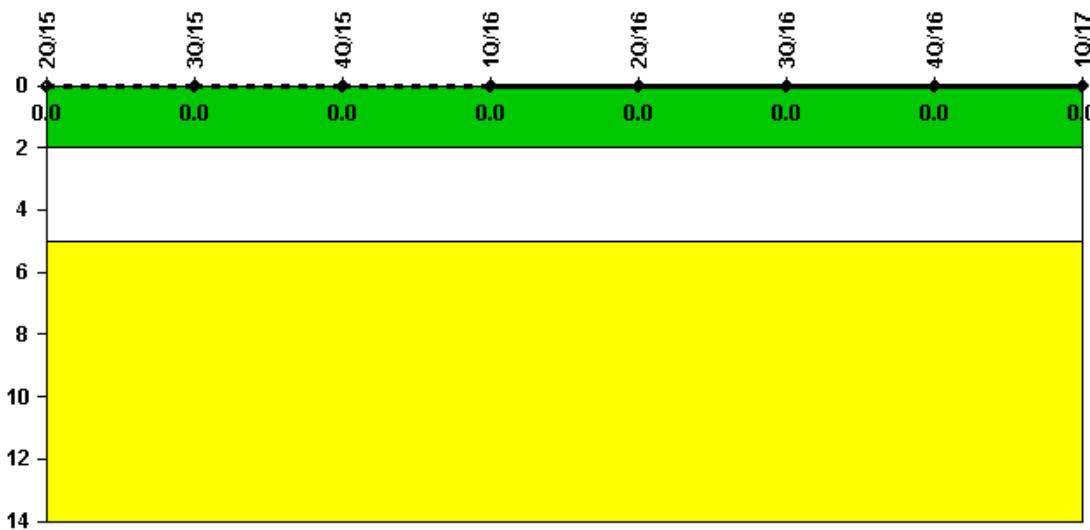
Successful siren-tests	2937	2985	2943	2942	2942	2937	2852	2986
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Total sirens-tests	2944	2990	2944	2944	2944	2944	2852	2990
--------------------	------	------	------	------	------	------	------	------

Indicator value	99.7%	99.8%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%
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Licensee Comments: none

Occupational Exposure Control Effectiveness

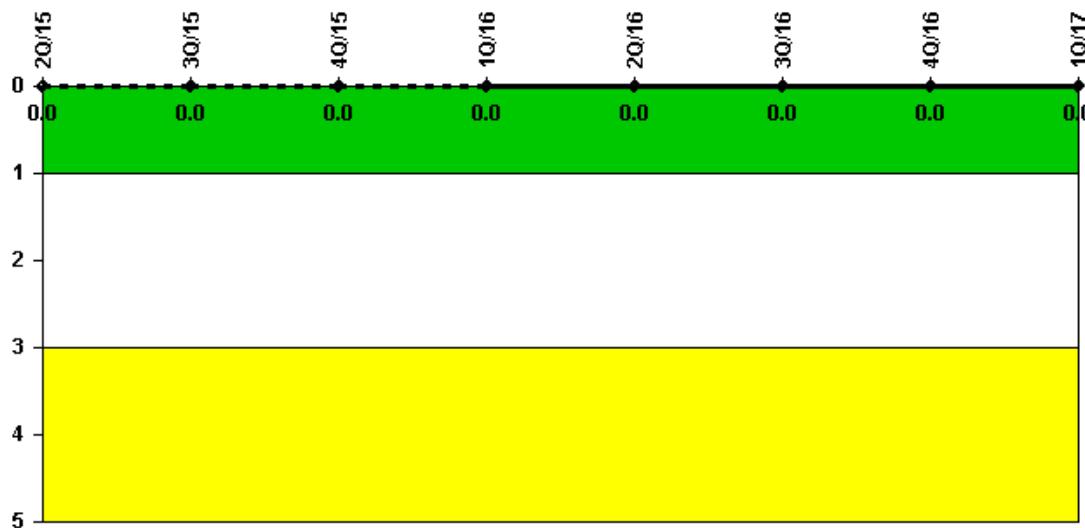
Thresholds: White > 2.0 Yellow > 5.0

Notes**Occupational Exposure Control Effectiveness**

	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 > Dresden 2 > Quarterly Performance Indicators

Dresden 2 – Quarterly Performance Indicators

2Q/2017 Performance Indicators

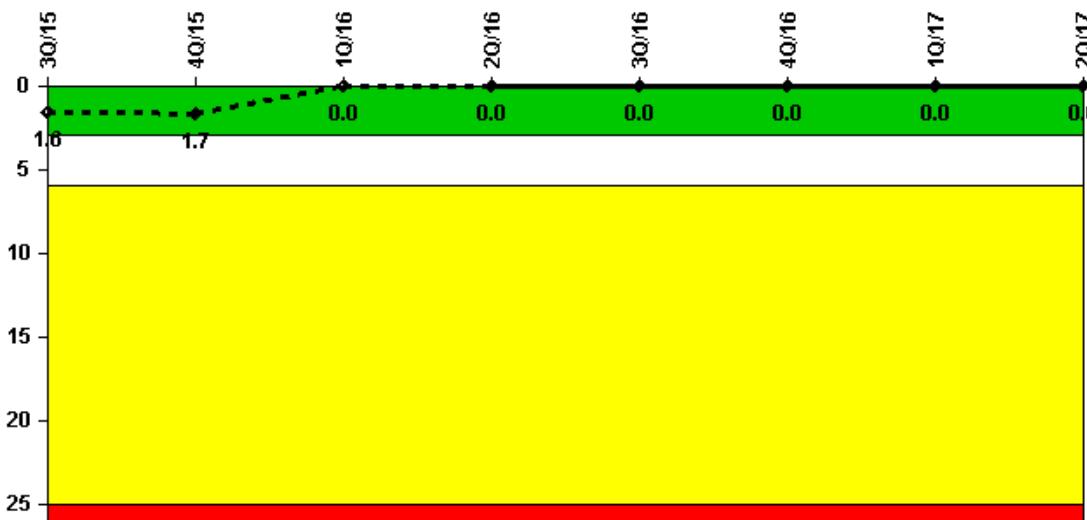
The solid trend line represents the current reporting period.

Licensee's General Comments: none

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- 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

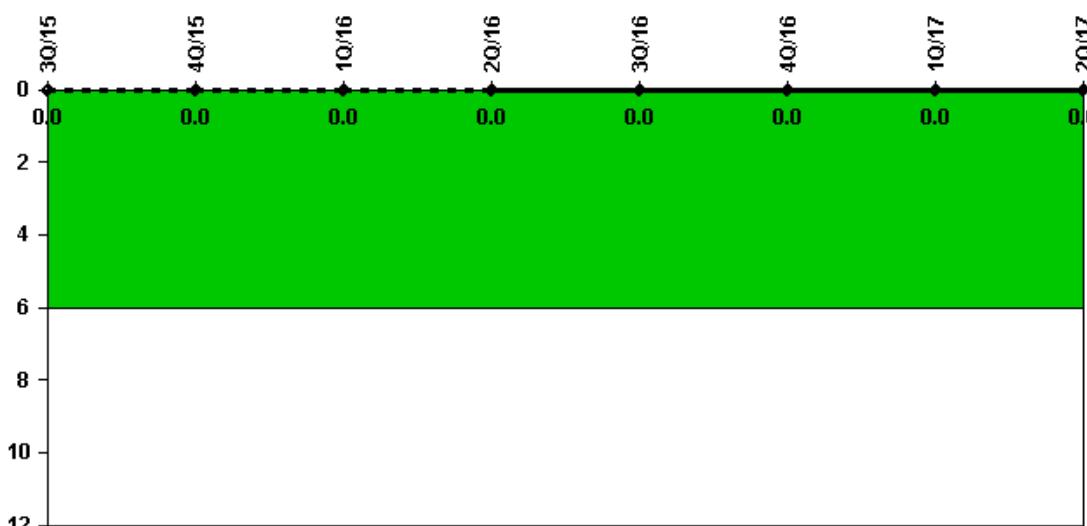
Unplanned Scrams per 7000 Critical Hrs	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2208.0	1779.6	2183.0	2184.0	2208.0	2209.0	2159.0	2184.0

Indicator value



Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

Notes

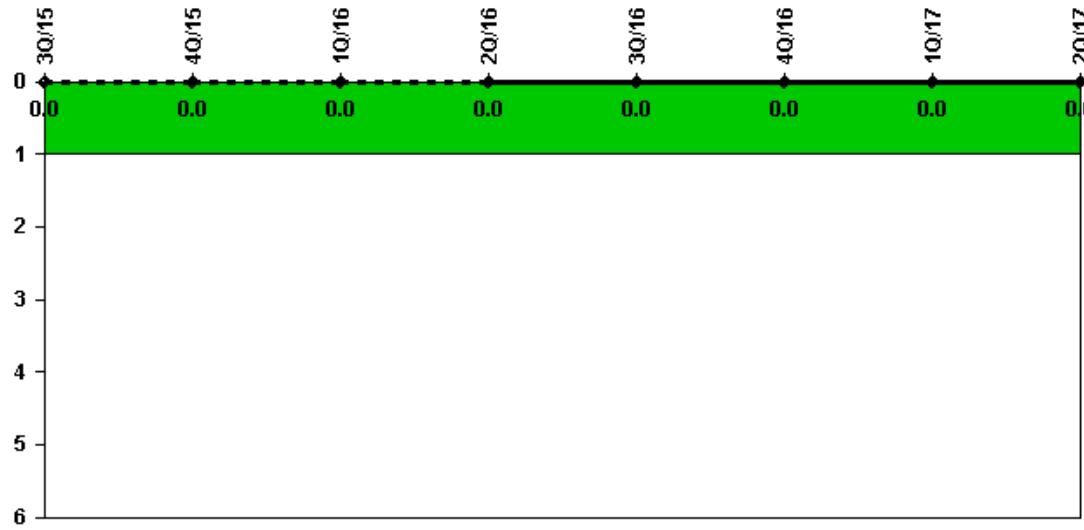
Unplanned Power Changes per 7000 Critical Hrs	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2208.0	1779.6	2183.0	2184.0	2208.0	2209.0	2159.0	2184.0

Indicator value 0 0 0 0 0 0 0 0



Licensee Comments: none

Unplanned Scrams with Complications



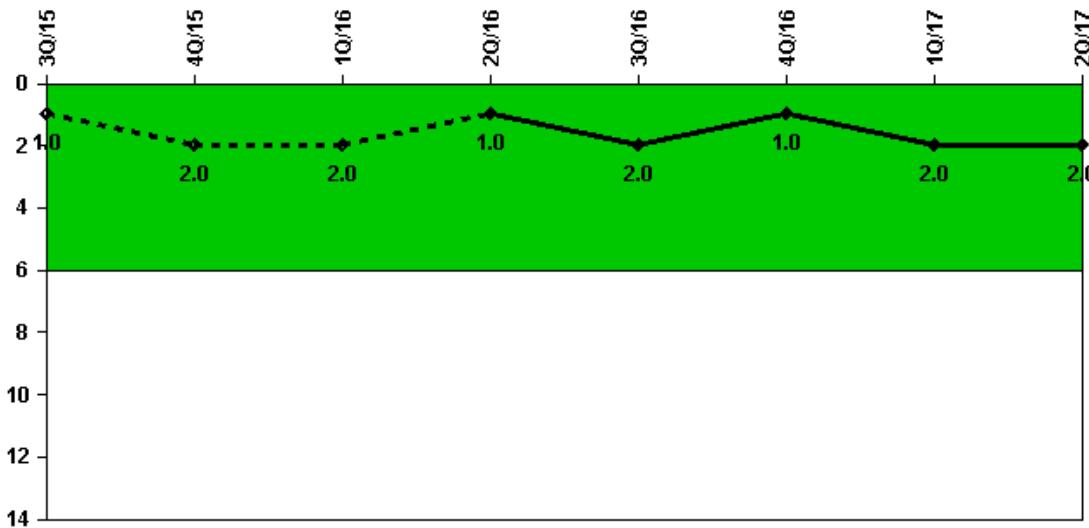
Thresholds: White > 1.0

Notes

Indicator value 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0



Licensee Comments: none

Safety System Functional Failures (BWR)**Thresholds:** White > 6.0**Notes**

Safety System Functional Failures (BWR) 3Q/15 4Q/15 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17
Safety System Functional Failures 0 1 0 0 1 0 1 0

Indicator value 1 2 2 1 2 1 2 2

▲ TOP

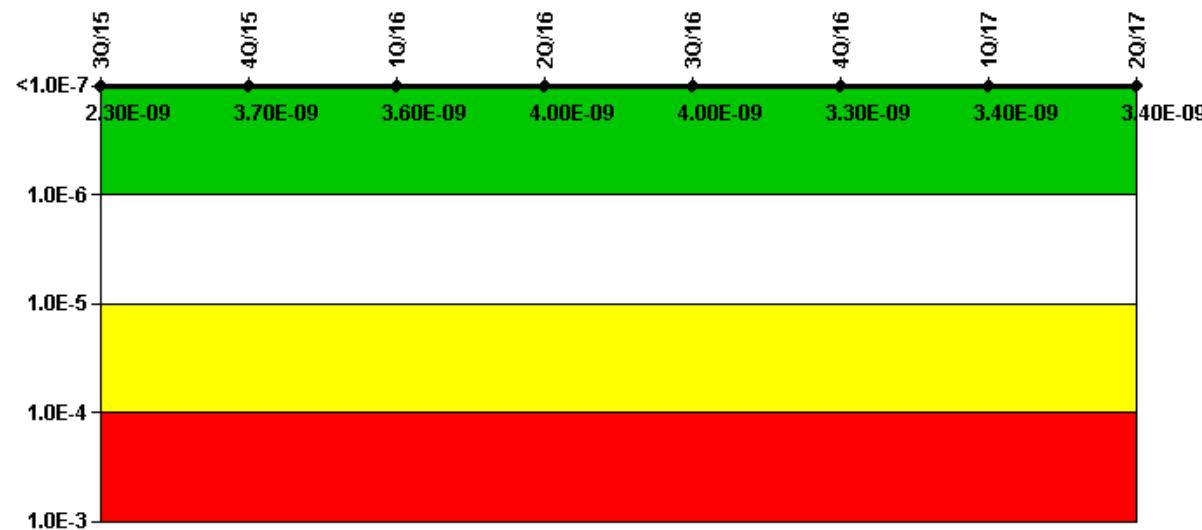
Licensee Comments:

1Q/17: LER 237-2016-004-00, Reactor Building Differential Pressure Less than Technical Specification Requirement, dated 1/9/2017

3Q/16: LER 237/2016-002-00, "Unit 2 HPCI Inlet Steam Drain Pot Piping Leak Resulting in HPCI Inoperability," dated 7/15/2016

4Q/15: LER 237/2015-003-00 Unit 2 Turbine Building to Reactor Building Interlock Doors Open Simultaneously, dated 10/30/15

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)	2.01E-10	2.67E-10	2.76E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
URI (Δ CDF)	2.12E-09	3.43E-09	3.34E-09	4.03E-09	4.03E-09	3.30E-09	3.43E-09	3.39E-09
PLE	NO							
Indicator value	2.30E-09	3.70E-09	3.60E-09	4.00E-09	4.00E-09	3.30E-09	3.40E-09	3.40E-09

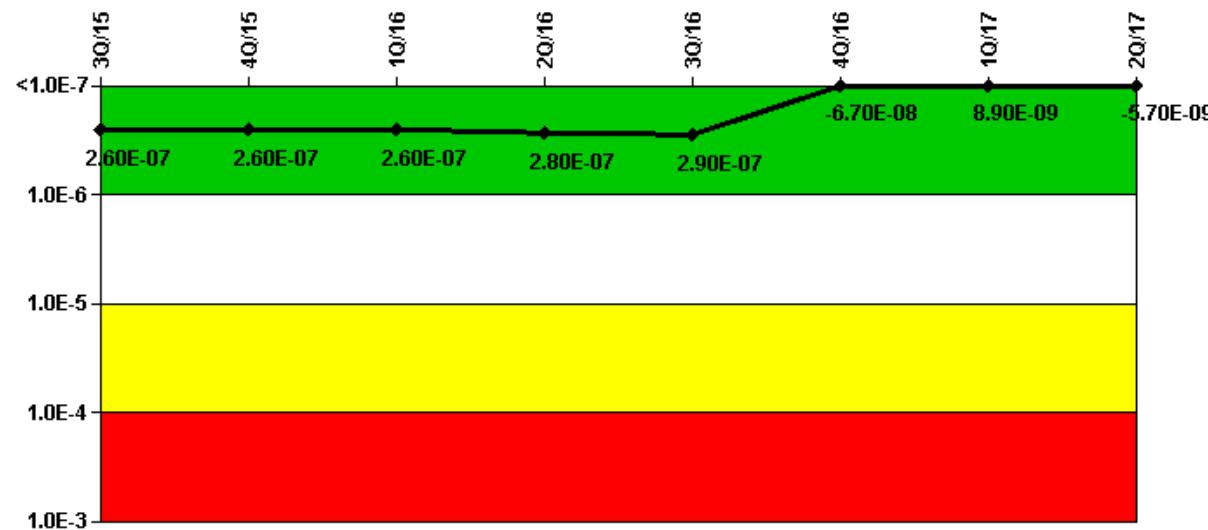
▲ TOP

Licensee Comments:

4Q/15: An MSPI EDG failure that occurred in October 2015 (Issue Report 2573588) was reported to CDE via ICES 320357 in 2nd quarter 2016. ICES 320357 resulted in the re-calculation of EDG URI values from October 2015 onward.

4Q/15: An MSPI EDG failure that occurred in October 2015 (Issue Report 2573588) was reported to CDE via ICES 320357 in 2nd quarter 2016. ICES 320357 resulted in the re-calculation of EDG URI values from October 2015 onward.

Mitigating Systems Performance Index, High Pressure Injection System



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

Notes

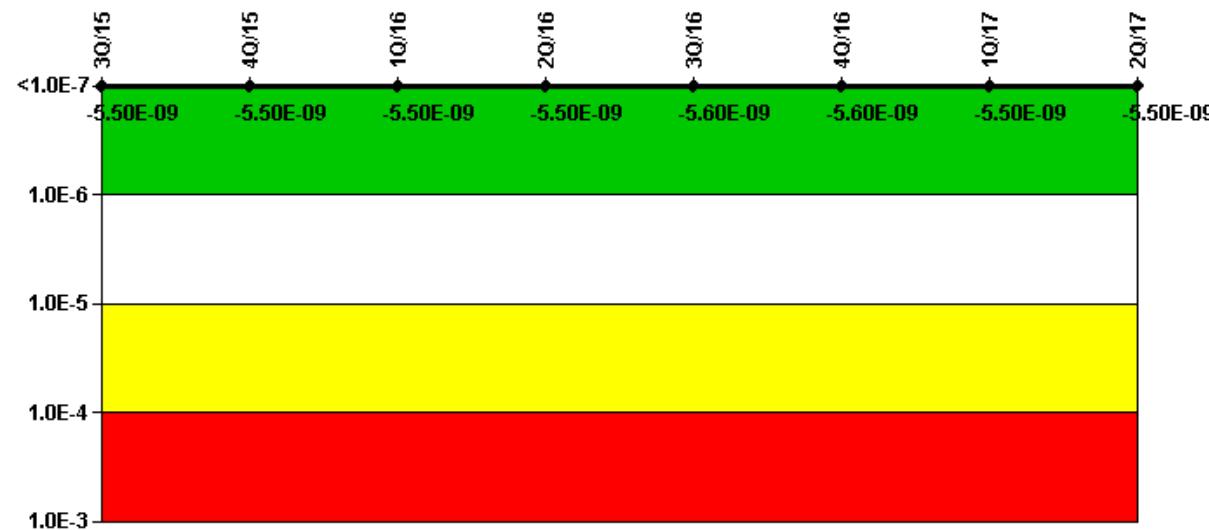
Mitigating Systems Performance Index, High Pressure Injection System

	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
UAI (Δ CDF)	6.30E-08	6.26E-08	6.25E-08	8.18E-08	9.38E-08	9.51E-10	7.69E-08	6.23E-08
URI (Δ CDF)	1.97E-07	1.97E-07	1.97E-07	1.97E-07	1.97E-07	-6.80E-07	-6.80E-08	-6.80E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.60E-07	2.60E-07	2.60E-07	2.80E-07	2.90E-07	-6.70E-08	8.90E-09	-5.70E-09

▲ TOP

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



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

Notes

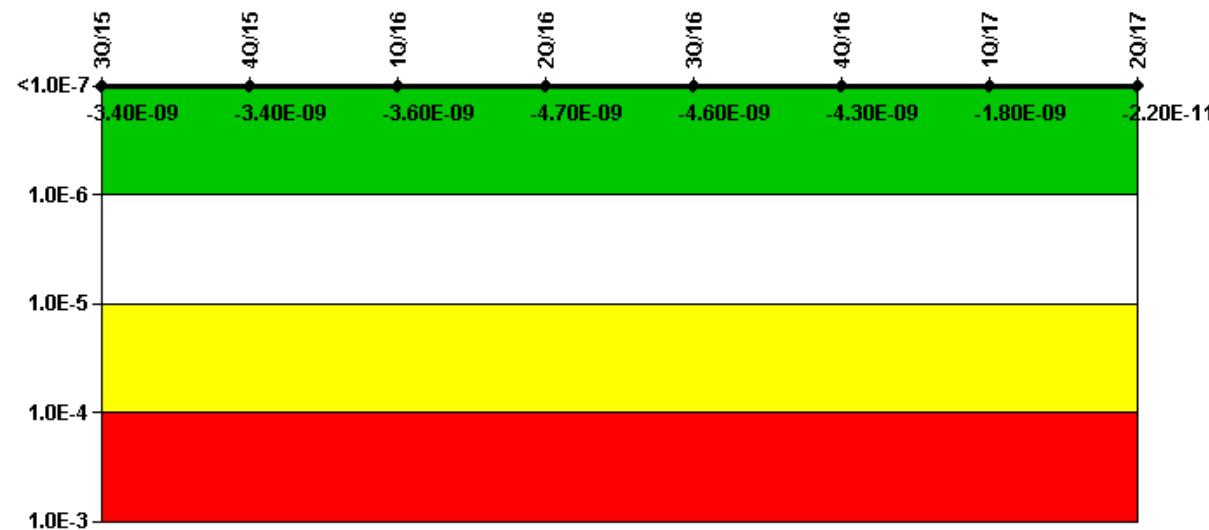
Mitigating Systems Performance Index, Heat Removal System

	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
UAI (Δ CDF)	-5.43E-09							
URI (Δ CDF)	-1.09E-10	-1.09E-10	-1.09E-10	-1.13E-10	-1.25E-10	-1.25E-10	-1.13E-10	-1.13E-10
PLE	NO							
Indicator value	-5.50E-09	-5.50E-09	-5.50E-09	-5.50E-09	-5.60E-09	-5.60E-09	-5.50E-09	-5.50E-09



Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



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

Notes

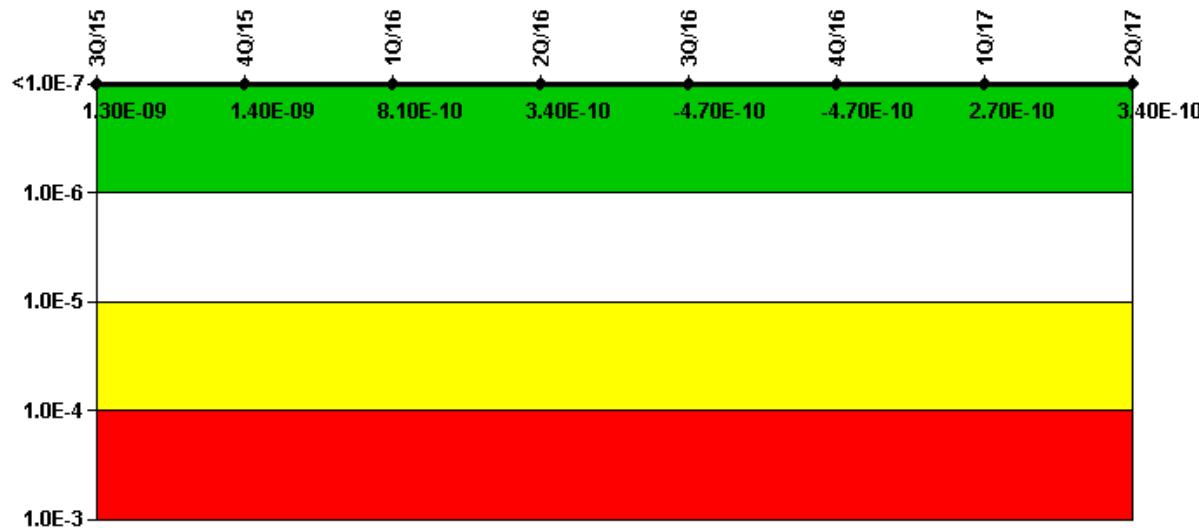
Mitigating Systems Performance Index, Residual Heat Removal System

	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
UAI (Δ CDF)	8.26E-10	1.02E-09	8.71E-10	-1.57E-09	3.89E-11	2.73E-10	2.82E-09	4.57E-09
URI (Δ CDF)	-4.24E-09	-4.39E-09	-4.45E-09	-4.51E-09	-4.64E-09	-4.61E-09	-4.61E-09	-4.59E-09
PLE	NO							
Indicator value	-3.40E-09	-3.40E-09	-3.60E-09	-4.70E-09	-4.60E-09	-4.30E-09	-1.80E-09	-2.20E-11

▲ TOP

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



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

Notes

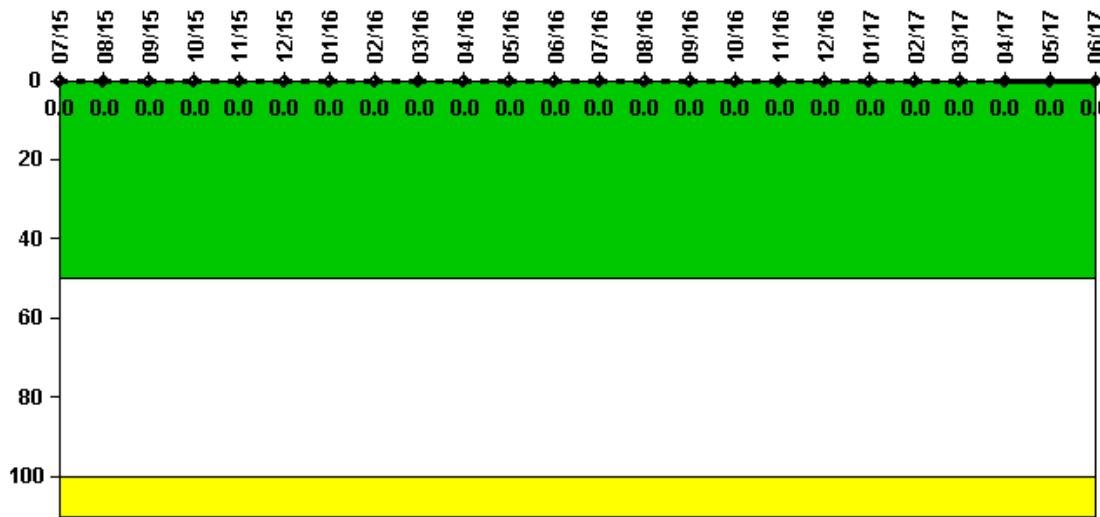
Mitigating Systems Performance Index, Cooling Water Systems

	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	
UAI (Δ CDF)	1.36E-09	1.39E-09	8.33E-10	3.64E-10	-4.47E-10	-4.47E-10	10	2.92E-10	3.69E-10
URI (Δ CDF)	-2.73E-11	-2.74E-11	-2.74E-11	-2.70E-11	-2.69E-11	-2.58E-11	-2.61E-11	-2.59E-11	
PLE	NO	NO	NO	NO	NO	NO	NO	NO	
Indicator value	1.30E-09	1.40E-09	8.10E-10	3.40E-10	-4.70E-10	-4.70E-10	10	2.70E-10	3.40E-10

▲ TOP

Licensee Comments: none

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	0.000006	0.000007	0.000008	0.000010	0.000004	0.000003	0.000003	0.000004	0.000002	0.000003	0.000003	0.000003
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

Indicator value	0	0	0	0	0	0	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	0.000003	0.000003	0.000004	0.000004	0.000005	0.000004	0.000004	0.000004	0.000006	0.000006	0.000006	0.000006

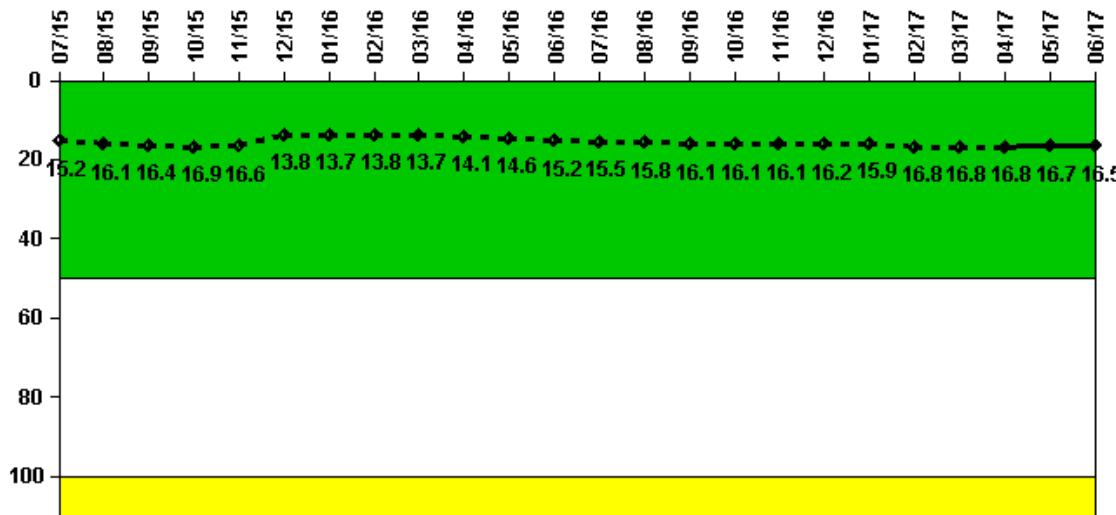
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
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Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
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Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage 7/15 8/15 9/15 10/15 11/15 12/15 1/16 2/16 3/16 4/16 5/16 6/16

Maximum leakage 3.808 4.030 4.088 4.219 4.144 3.444 3.413 3.440 3.430 3.524 3.661 3.804

Technical specification limit 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0

Indicator value 15.2 16.1 16.4 16.9 16.6 13.8 13.7 13.8 13.7 14.1 14.6 15.2

Reactor Coolant System Leakage 7/16 8/16 9/16 10/16 11/16 12/16 1/17 2/17 3/17 4/17 5/17 6/17

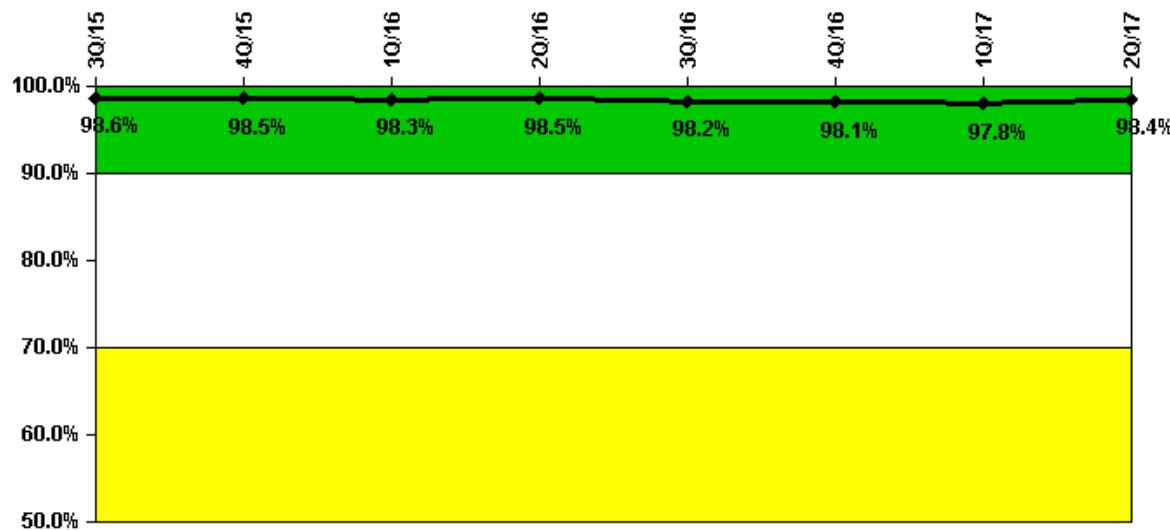
Maximum leakage 3.875 3.951 4.018 4.032 4.020 4.049 3.985 4.194 4.193 4.206 4.179 4.135

Technical specification limit 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0

Indicator value 15.5 15.8 16.1 16.1 16.1 16.2 15.9 16.8 16.8 16.8 16.7 16.5

TOP

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

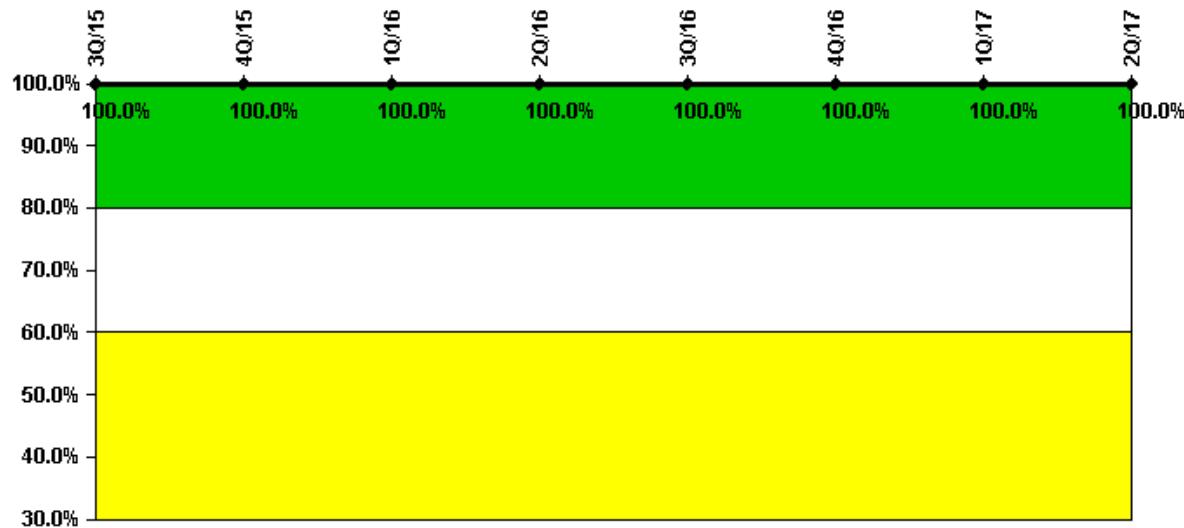
Notes

Drill/Exercise Performance	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Successful opportunities	44.0	27.0	31.0	80.0	44.0	33.0	34.0	70.0
Total opportunities	45.0	27.0	32.0	80.0	47.0	33.0	35.0	70.0

Indicator value **98.6% 98.5% 98.3% 98.5% 98.2% 98.1% 97.8% 98.4%**

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Licensee Comments: none

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

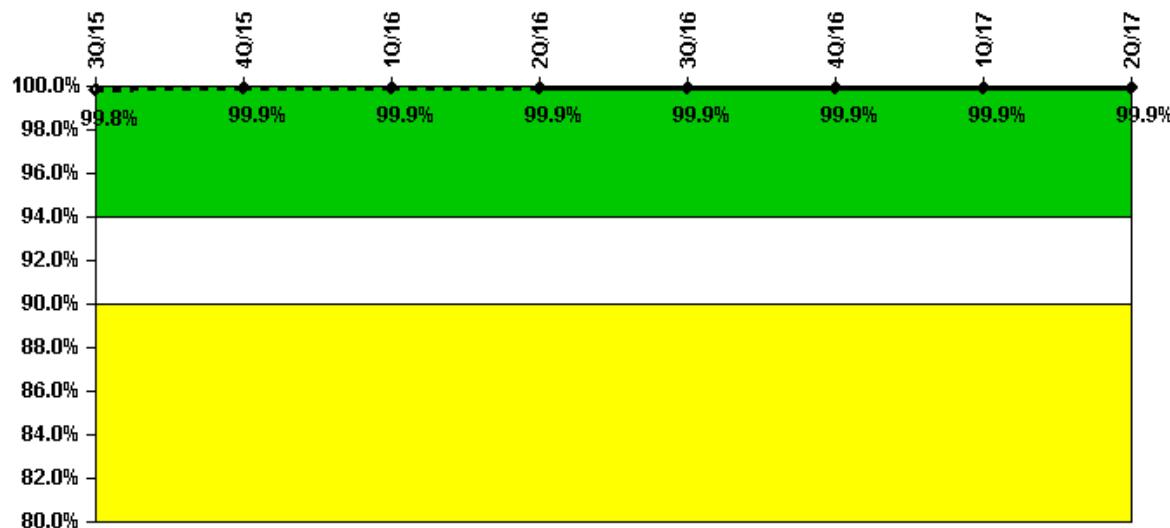
Notes

ERO Drill Participation	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Participating Key personnel	72.0	77.0	70.0	64.0	64.0	65.0	65.0	64.0
Total Key personnel	72.0	77.0	70.0	64.0	64.0	65.0	65.0	64.0

Indicator value 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0%

TOP

Licensee Comments: 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

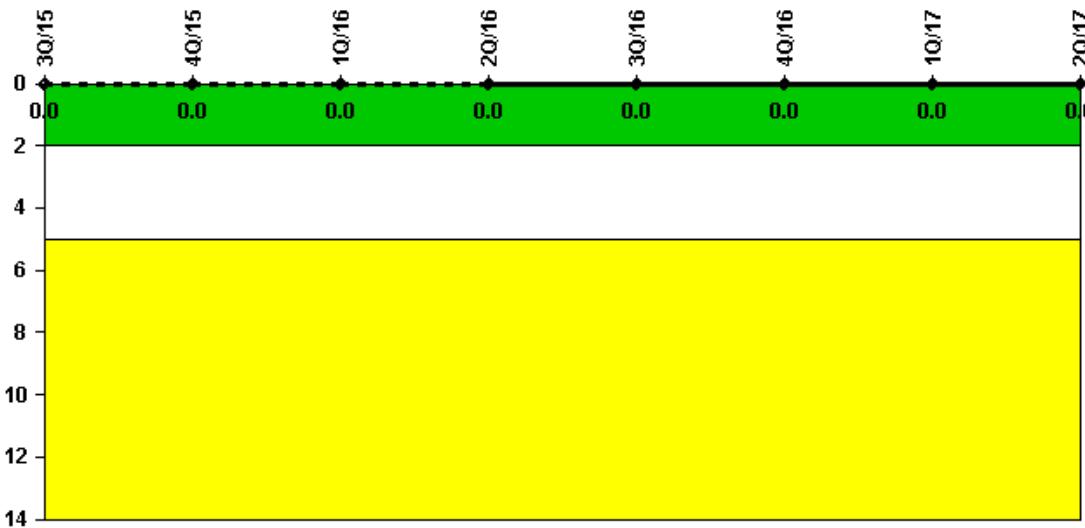
Successful siren-tests 2985 2943 2942 2942 2937 2852 2986 2941

Total sirens-tests 2990 2944 2944 2944 2944 2852 2990 2944

Indicator value 99.8% 99.9% 99.9% 99.9% 99.9% 99.9% 99.9% 99.9%

TOP

Licensee Comments: none

Occupational Exposure Control Effectiveness

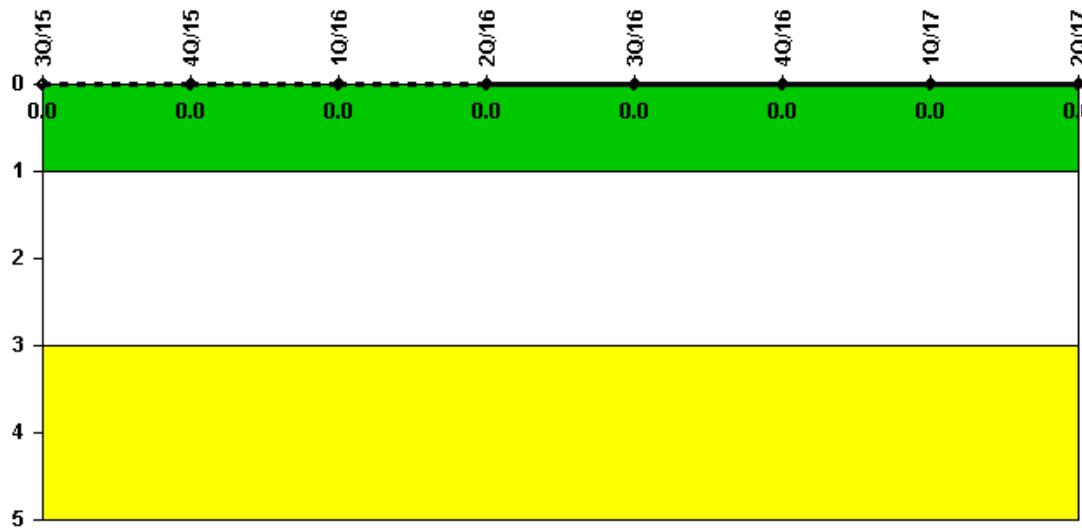
Thresholds: White > 2.0 Yellow > 5.0

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 > Dresden 2 > Quarterly Performance Indicators

Dresden 2 – Quarterly Performance Indicators

3Q/2017 Performance Indicators

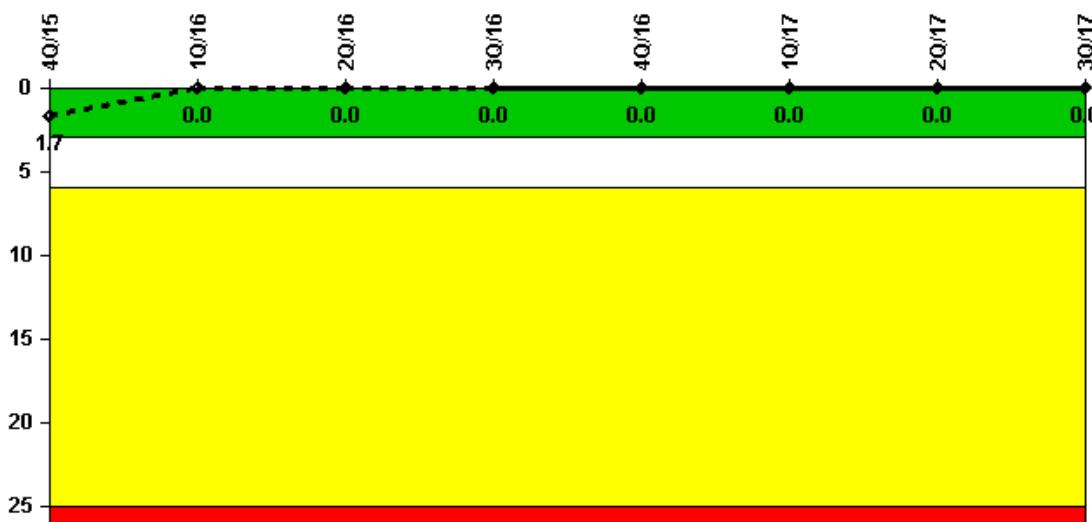
The solid trend line represents the current reporting period.

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

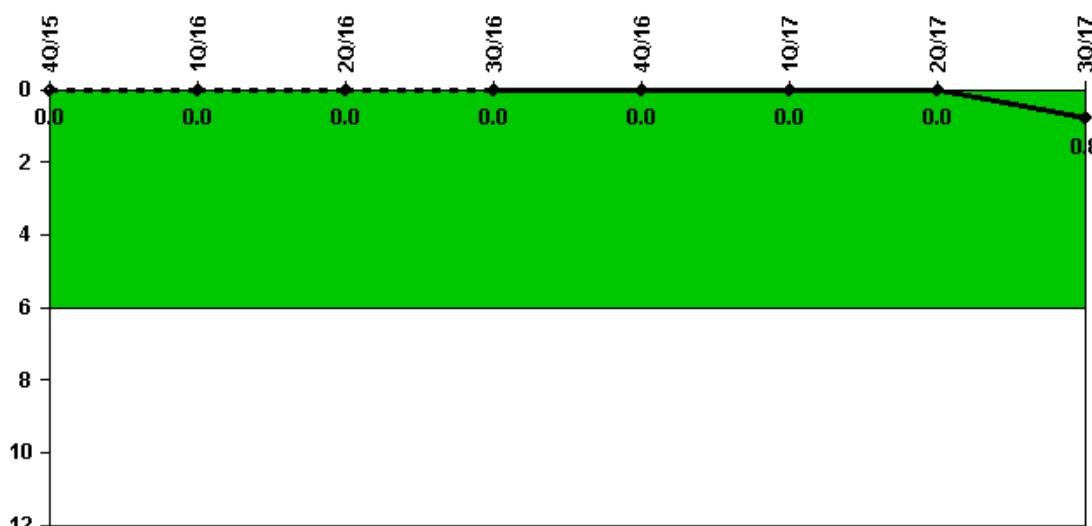
Unplanned Scrams per 7000 Critical Hrs	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	1779.6	2183.0	2184.0	2208.0	2209.0	2159.0	2184.0	2208.0

Indicator value



Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White ≥ 6.0

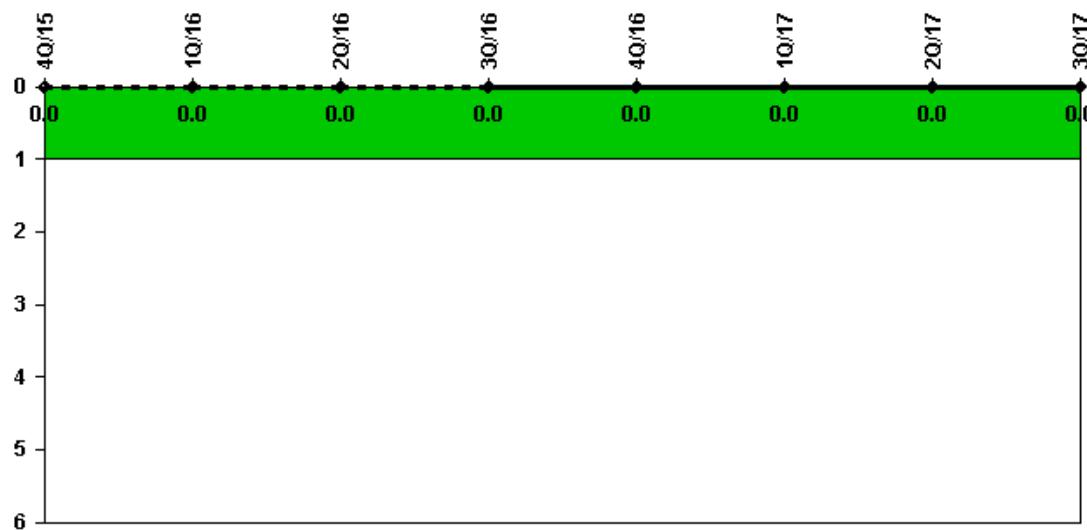
Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Unplanned power changes	0	0	0	0	0	0	0	1.0
Critical hours	1779.6	2183.0	2184.0	2208.0	2209.0	2159.0	2184.0	2208.0

Indicator value 0 0 0 0 0 0 0 0.8



Licensee Comments: none



Thresholds: White > 1.0

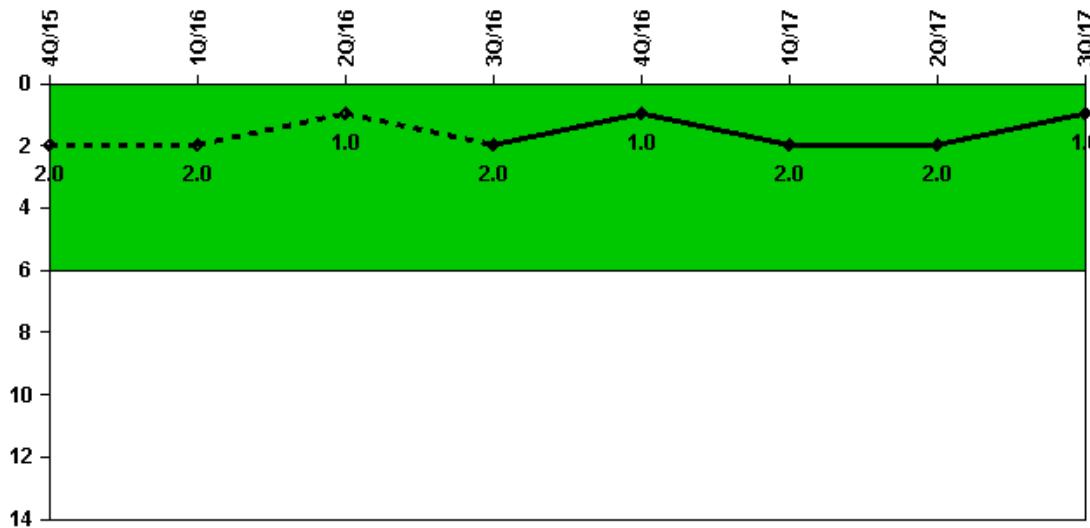
Notes

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 (BWR)



Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR) 4Q/15 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17 3Q/17
Safety System Functional Failures 1 0 0 1 0 1 0 0

Indicator value 2 2 1 2 1 2 2 1

TOP

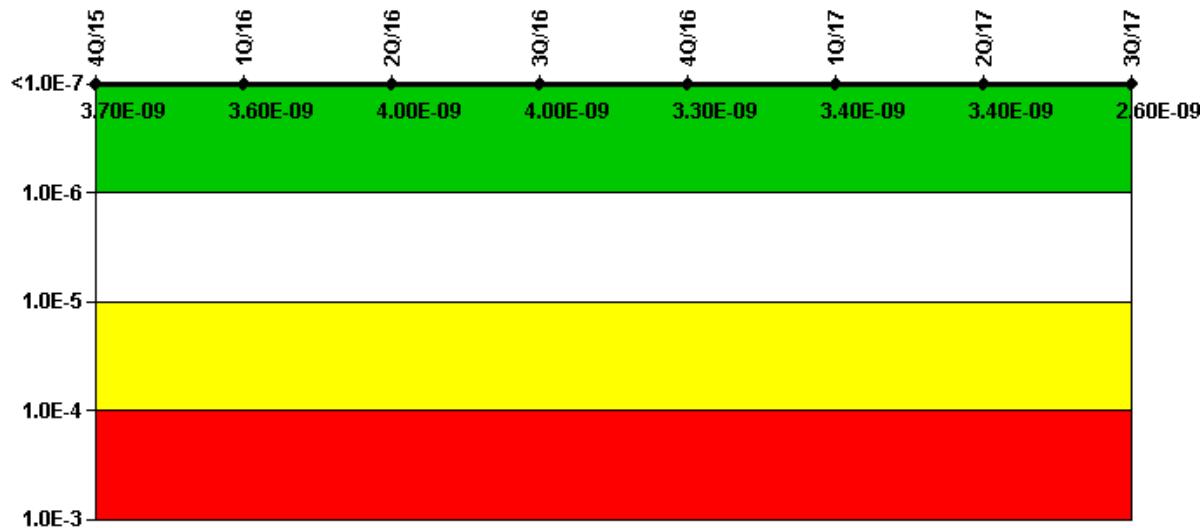
Licensee Comments:

1Q/17: LER 237-2016-004-00, Reactor Building Differential Pressure Less than Technical Specification Requirement, dated 1/9/2017

3Q16: LER 237/2016-002-00, "Unit 2 HPCI Inlet Steam Drain Pot Piping Leak Resulting in HPCI Inoperability," dated 7/15/2016

4Q/15: LER 237/2015-003-00 Unit 2 Turbine Building to Reactor Building Interlock Doors Open Simultaneously, dated 10/30/15

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/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (Δ CDF)	2.67E-10	2.76E-10	10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
URI (Δ CDF)	3.43E-09	3.34E-09	09	4.03E-09	4.03E-09	3.30E-09	3.43E-09	3.39E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO

Indicator value **3.70E-09 3.60E-09 4.00E-09 4.00E-09 3.30E-09 3.40E-09 3.40E-09 2.60E-09**

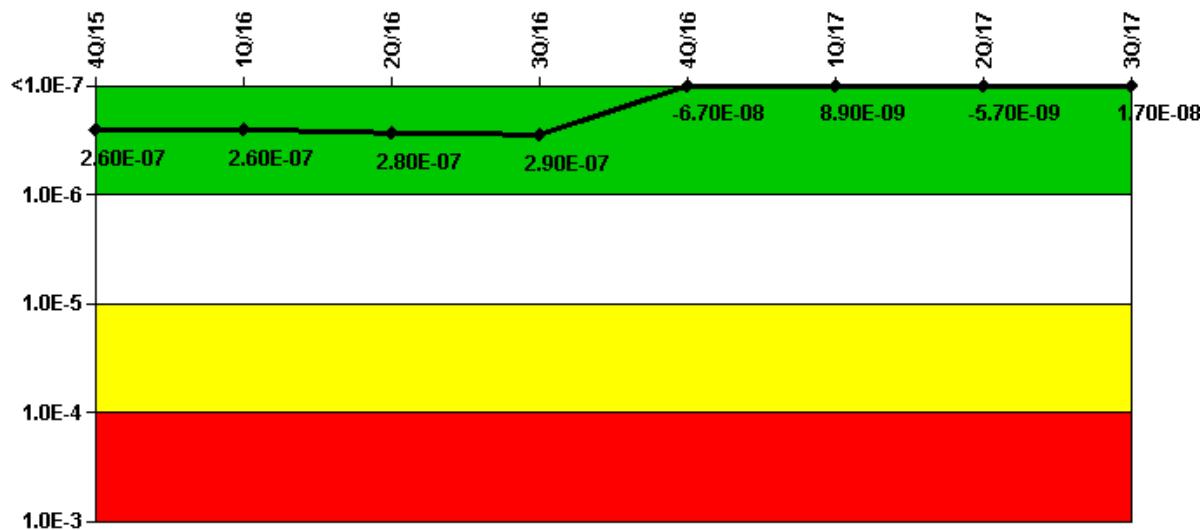
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Licensee Comments:

4Q/15: An MSPI EDG failure that occurred in October 2015 (Issue Report 2573588) was reported to CDE via ICES 320357 in 2nd quarter 2016. ICES 320357 resulted in the re-calculation of EDG URI values from October 2015 onward.

4Q/15: An MSPI EDG failure that occurred in October 2015 (Issue Report 2573588) was reported to CDE via ICES 320357 in 2nd quarter 2016. ICES 320357 resulted in the re-calculation of EDG URI values from October 2015 onward.

Mitigating Systems Performance Index, High Pressure Injection System



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

Notes

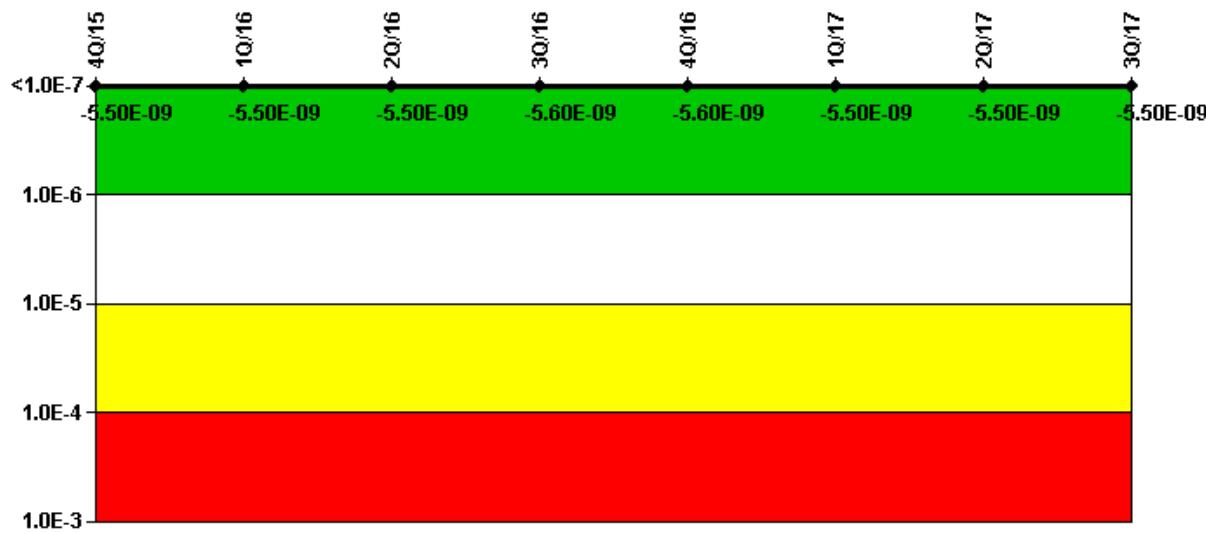
Mitigating Systems Performance Index, High Pressure Injection System

	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (Δ CDF)	6.26E-08	6.25E-08	8.18E-08	9.38E-08	9.51E-10	7.69E-08	6.23E-08	8.46E-08
URI (Δ CDF)	1.97E-07	1.97E-07	1.97E-07	1.97E-07	-6.80E-08	-6.80E-08	-6.80E-08	-6.80E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.60E-07	2.60E-07	2.80E-07	2.90E-07	-6.70E-08	8.90E-09	-5.70E-09	1.70E-08

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Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



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

Notes

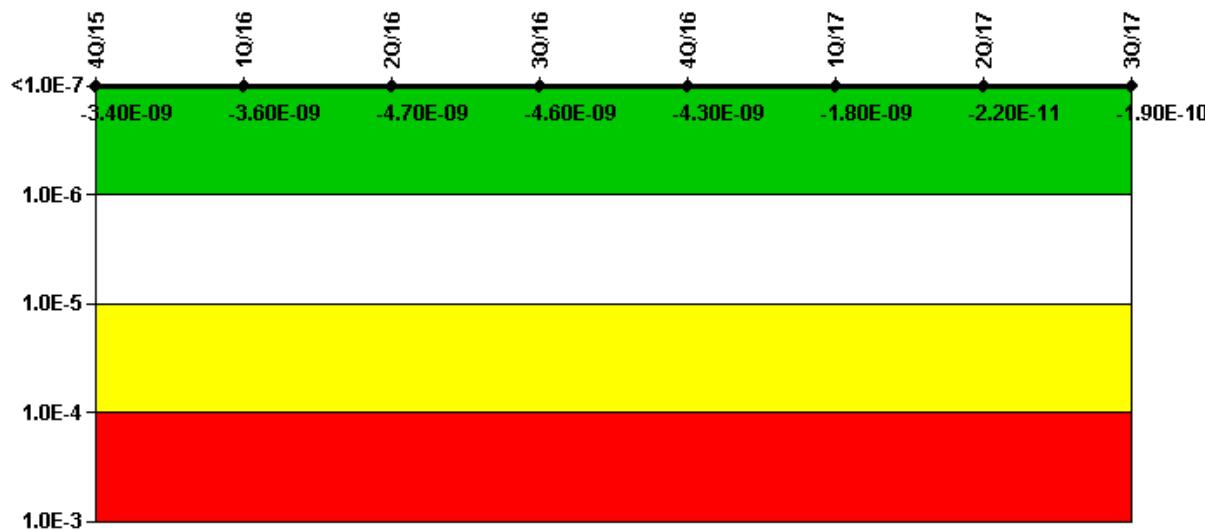
Mitigating Systems Performance Index, Heat Removal System

	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (Δ CDF)	-5.43E-09							
URI (Δ CDF)	-1.09E-10	-1.09E-10	-1.13E-10	-1.25E-10	-1.25E-10	-1.13E-10	-1.13E-10	-1.13E-10
PLE	NO							
Indicator value	-5.50E-09	-5.50E-09	-5.50E-09	-5.60E-09	-5.60E-09	-5.50E-09	-5.50E-09	-5.50E-09



Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



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

Notes

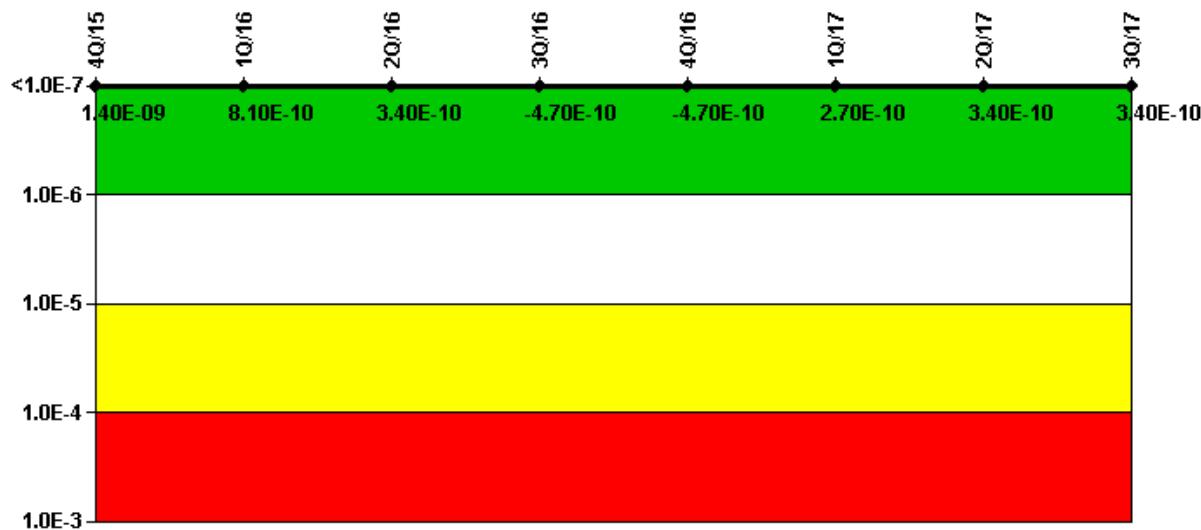
Mitigating Systems Performance Index, Residual Heat Removal System

	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (Δ CDF)	1.02E-09	8.71E-10	-1.57E-09	3.89E-11	2.73E-10	2.82E-09	4.57E-09	4.41E-09
URI (Δ CDF)	-4.39E-09	-4.45E-09	-4.51E-09	-4.64E-09	-4.61E-09	-4.61E-09	-4.59E-09	-4.60E-09
PLE	NO							
Indicator value	-3.40E-09	-3.60E-09	-4.70E-09	-4.60E-09	-4.30E-09	-1.80E-09	-2.20E-11	-1.90E-10

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Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



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

Notes

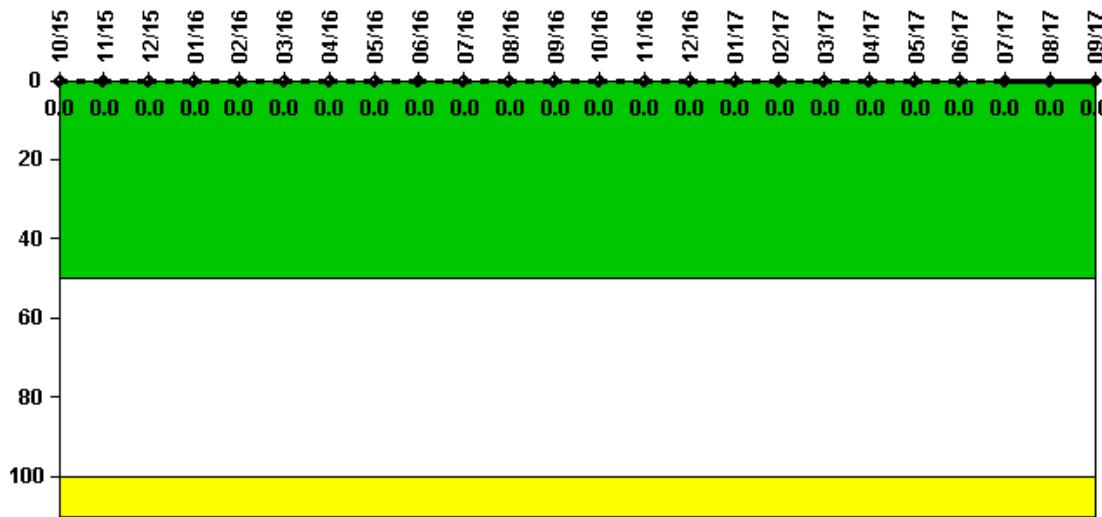
Mitigating Systems Performance Index, Cooling Water Systems

	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (Δ CDF)	1.39E-09	8.33E-10	3.64E-10	-4.47E-10	-4.47E-10	2.92E-10	3.69E-10	3.69E-10
URI (Δ CDF)	-2.74E-11	-2.74E-11	-2.70E-11	-2.69E-11	-2.58E-11	-2.61E-11	-2.59E-11	-2.60E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.40E-09	8.10E-10	3.40E-10	-4.70E-10	-4.70E-10	2.70E-10	3.40E-10	3.40E-10

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Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

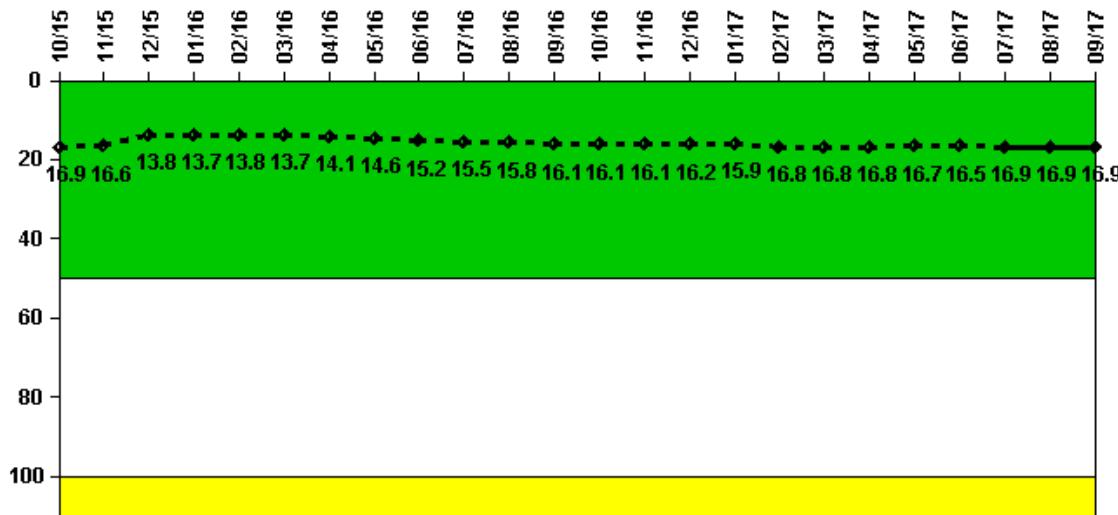
Notes

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	0.000010	0.000004	0.000003	0.000003	0.000004	0.000002	0.000003	0.000003	0.000003	0.000003	0.000003	0.000004
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	10/16	11/16	12/16	1/17	2/17	3/17	4/17	5/17	6/17	7/17	8/17	9/17
Maximum activity	0.000004	0.000005	0.000004	0.000004	0.000004	0.000006	0.000006	0.000006	0.000006	0.000005	0.000007	0.000007
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	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 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 4.219 4.144 3.444 3.413 3.440 3.430 3.524 3.661 3.804 3.875 3.951 4.018

Technical specification limit 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0

Indicator value 16.9 16.6 13.8 13.7 13.8 13.7 14.1 14.6 15.2 15.5 15.8 16.1

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

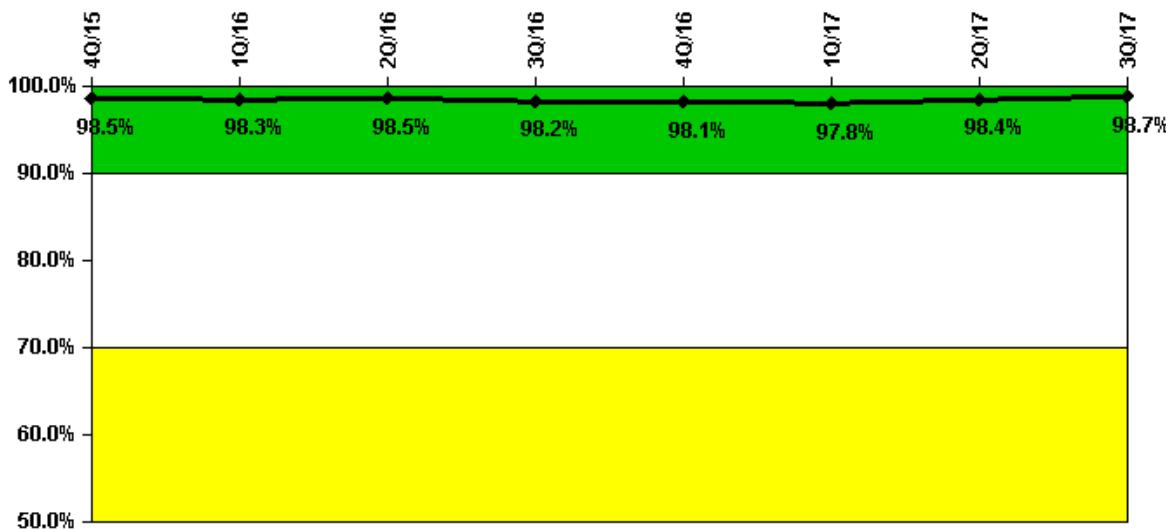
Maximum leakage 4.032 4.020 4.049 3.985 4.194 4.193 4.206 4.179 4.135 4.224 4.230 4.218

Technical specification limit 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0

Indicator value 16.1 16.1 16.2 15.9 16.8 16.8 16.8 16.7 16.5 16.9 16.9 16.9

 TOP

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

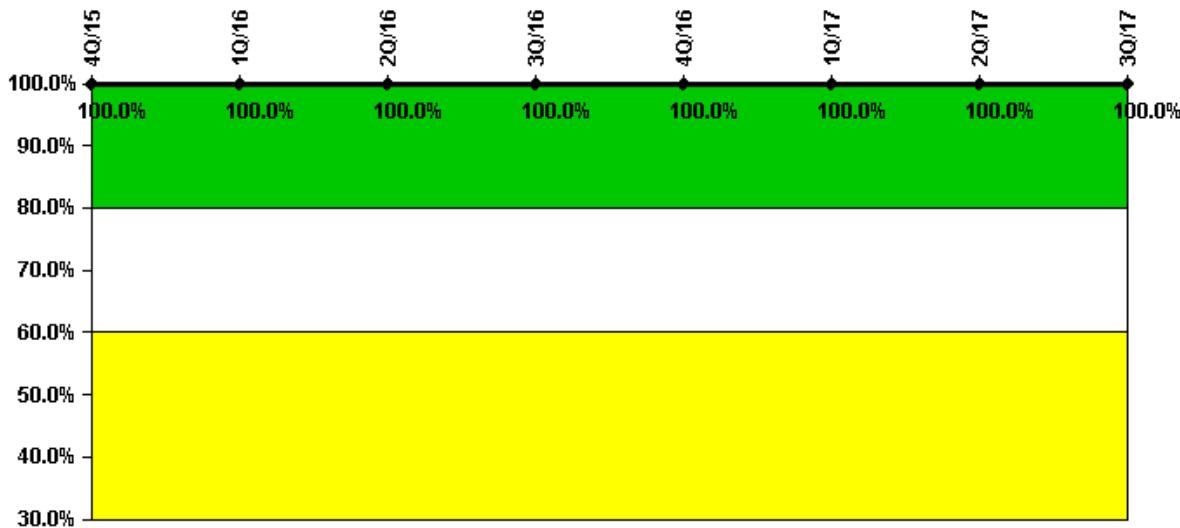
Drill/Exercise Performance	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Successful opportunities	27.0	31.0	80.0	44.0	33.0	34.0	70.0	48.0
Total opportunities	27.0	32.0	80.0	47.0	33.0	35.0	70.0	48.0

Indicator value **98.5% 98.3% 98.5% 98.2% 98.1% 97.8% 98.4% 98.7%**

TOP

Licensee Comments: none

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

Notes

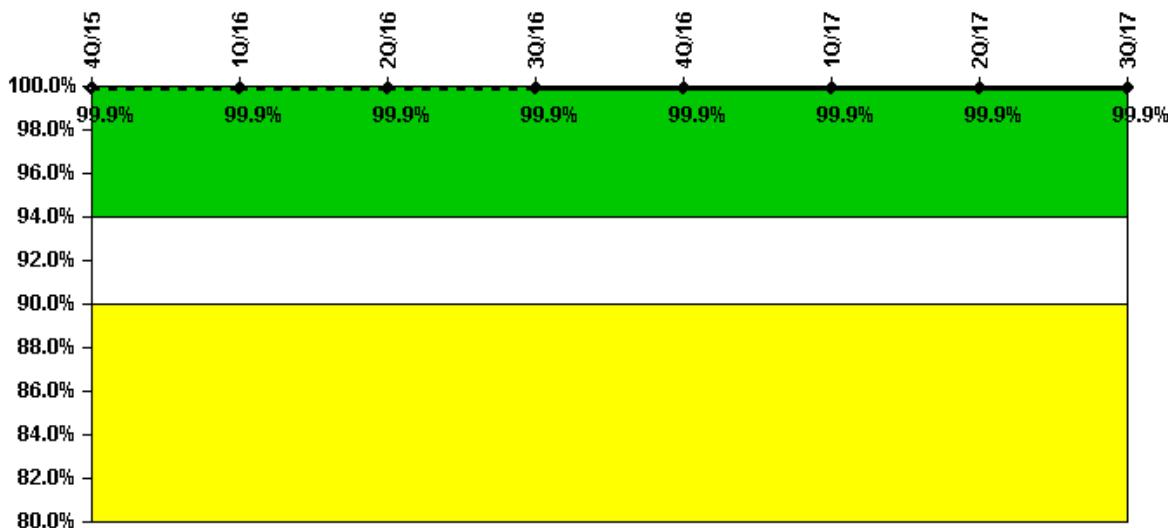
ERO Drill Participation	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Participating Key personnel	77.0	70.0	64.0	64.0	65.0	65.0	64.0	61.0
Total Key personnel	77.0	70.0	64.0	64.0	65.0	65.0	64.0	61.0

Indicator value 100.0% 100.0% 100.0% 100.0% 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 4Q/15 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17 3Q/17

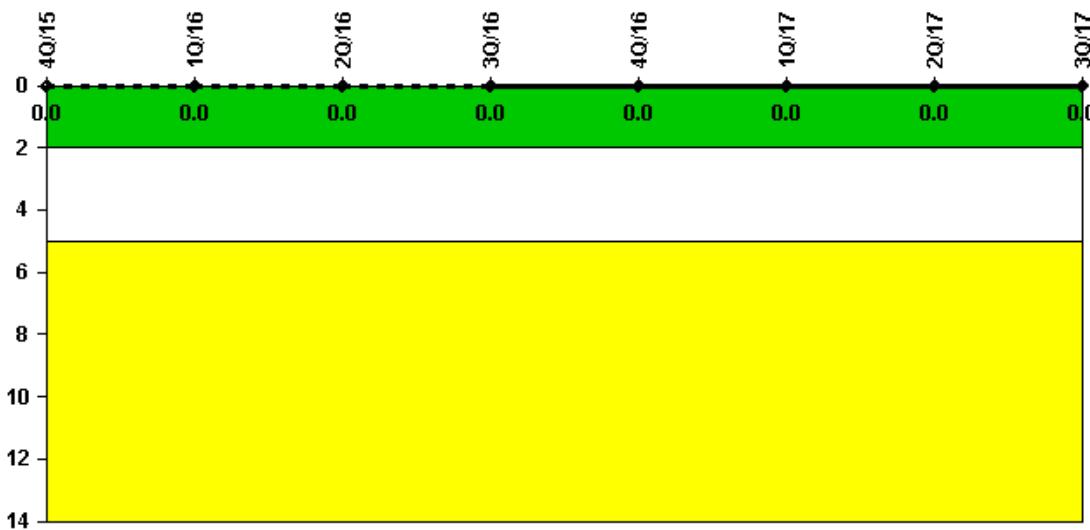
Successful siren-tests	2943	2942	2942	2937	2852	2986	2941	2892
Total sirens-tests	2944	2944	2944	2944	2852	2990	2944	2898

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

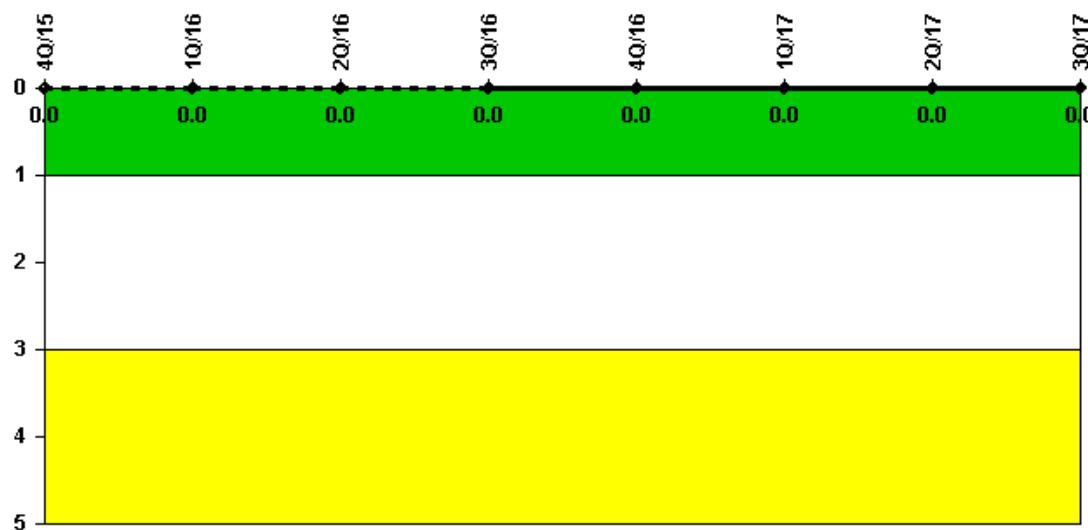
Notes

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 > Dresden 2 > Quarterly Performance Indicators

Dresden 2 – Quarterly Performance Indicators

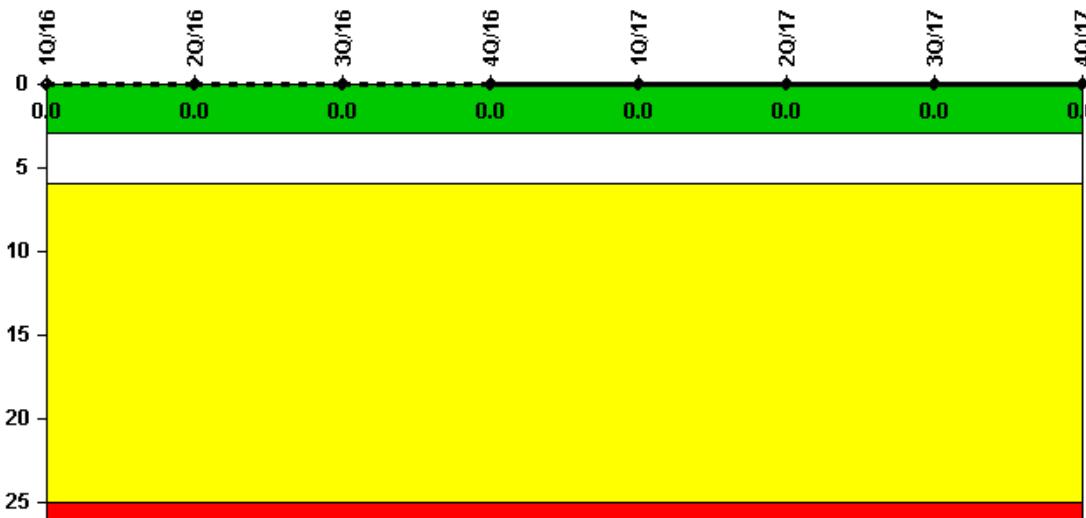
4Q/2017 Performance Indicators

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

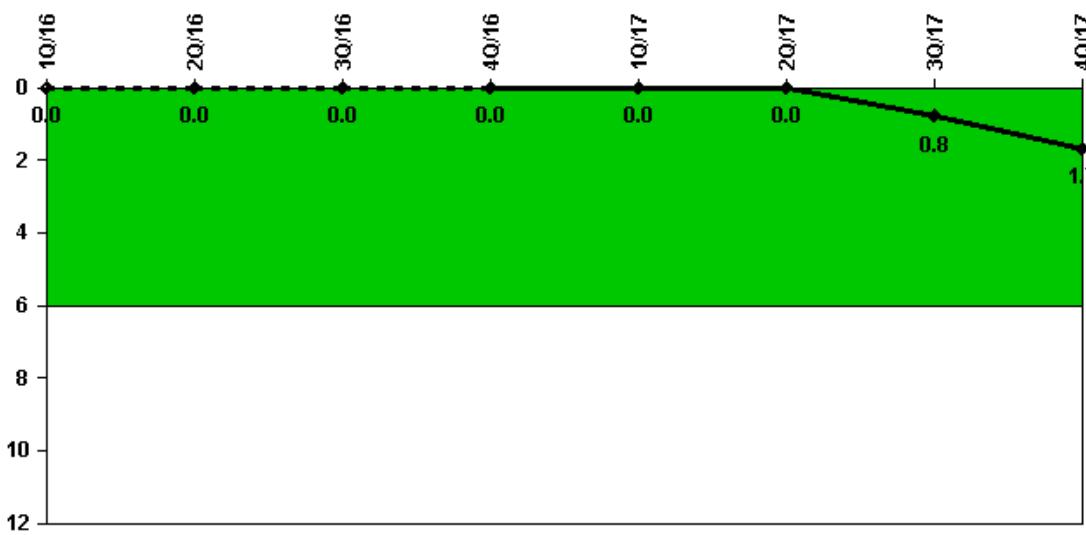
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	0	0	0	0	0	0
Critical hours	2183.0	2184.0	2208.0	2209.0	2159.0	2184.0	2208.0	1773.8

Indicator value	0	0	0	0	0	0	0	0
TOP								

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

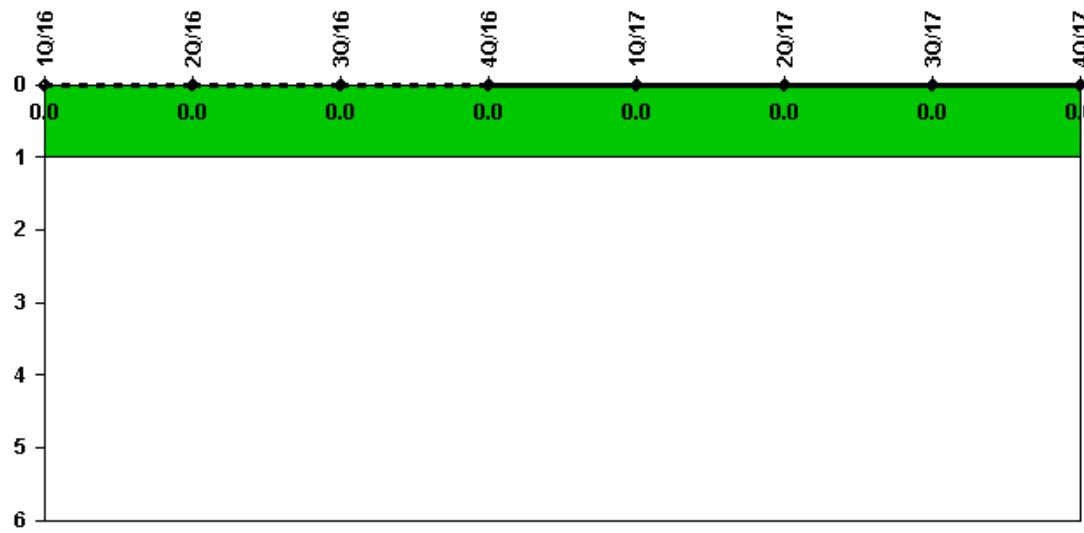
Notes

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	0	0	0	0	0	0	1.0	1.0
Critical hours	2183.0	2184.0	2208.0	2209.0	2159.0	2184.0	2208.0	1773.8

Indicator value **0** **0** **0** **0** **0** **0.8** **1.7**

 TOP

Licensee Comments: none

Unplanned Scrams with Complications

Thresholds: White > 1.0

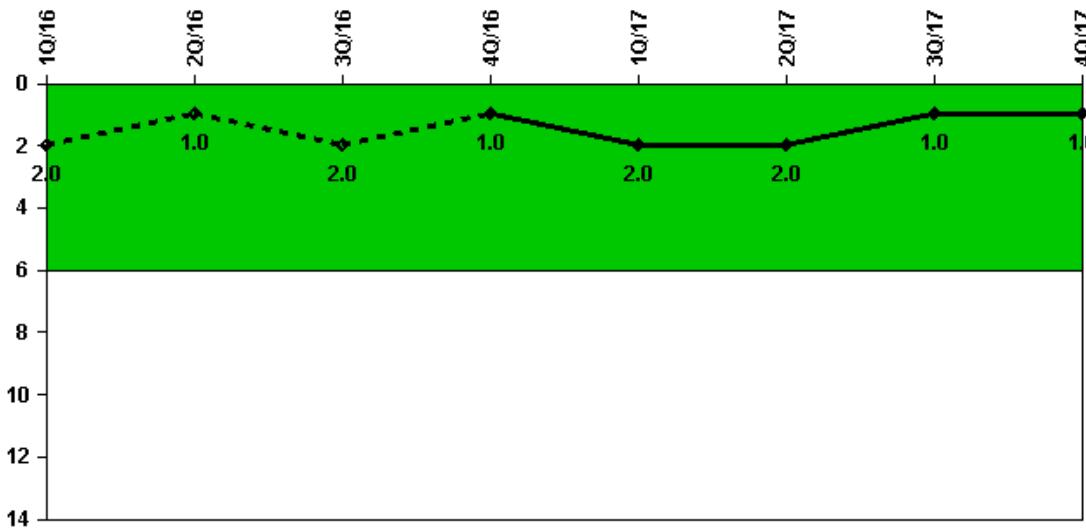
Notes

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	0	0	0	0	0	0

Indicator value **0.0** **0.0** **0.0** **0.0** **0.0** **0.0** **0.0** **0.0**

 TOP

Licensee Comments: none

Safety System Functional Failures (BWR)**Thresholds:** White > 6.0**Notes**

Safety System Functional Failures (BWR) 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17 3Q/17 4Q/17
Safety System Functional Failures 0 0 1 0 1 0 0 0

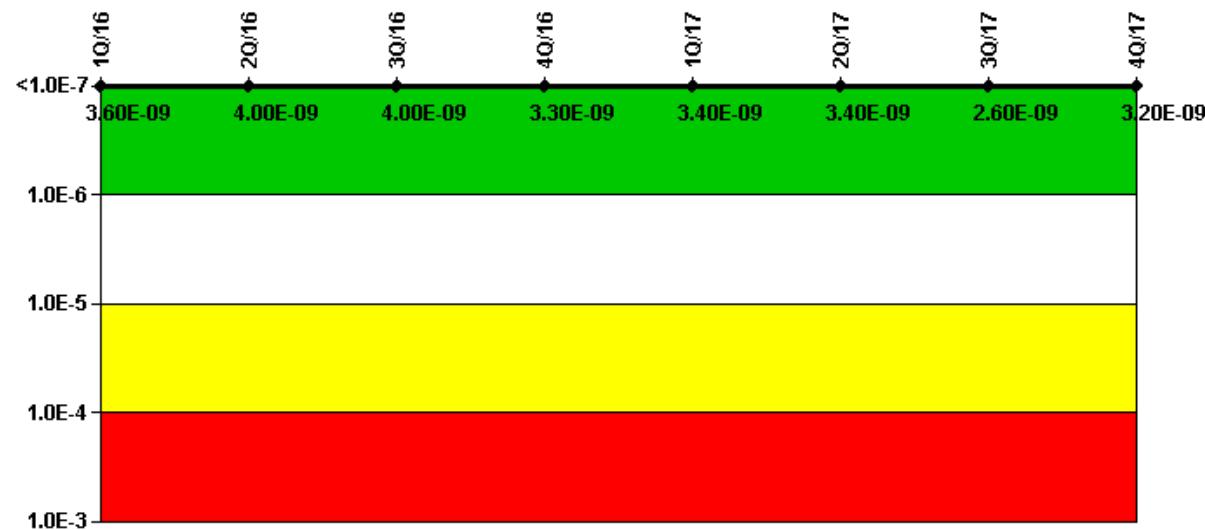
Indicator value 2 1 2 1 2 2 1 1

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Licensee Comments:

1Q/17: LER 237-2016-004-00, Reactor Building Differential Pressure Less than Technical Specification Requirement, dated 1/9/2017
3Q/16: LER 237/2016-002-00, "Unit 2 HPCI Inlet Steam Drain Pot Piping Leak Resulting in HPCI Inoperability," dated 7/15/2016

Mitigating Systems Performance Index, Emergency AC Power System



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

Notes

Mitigating Systems Performance Index, Emergency AC Power System

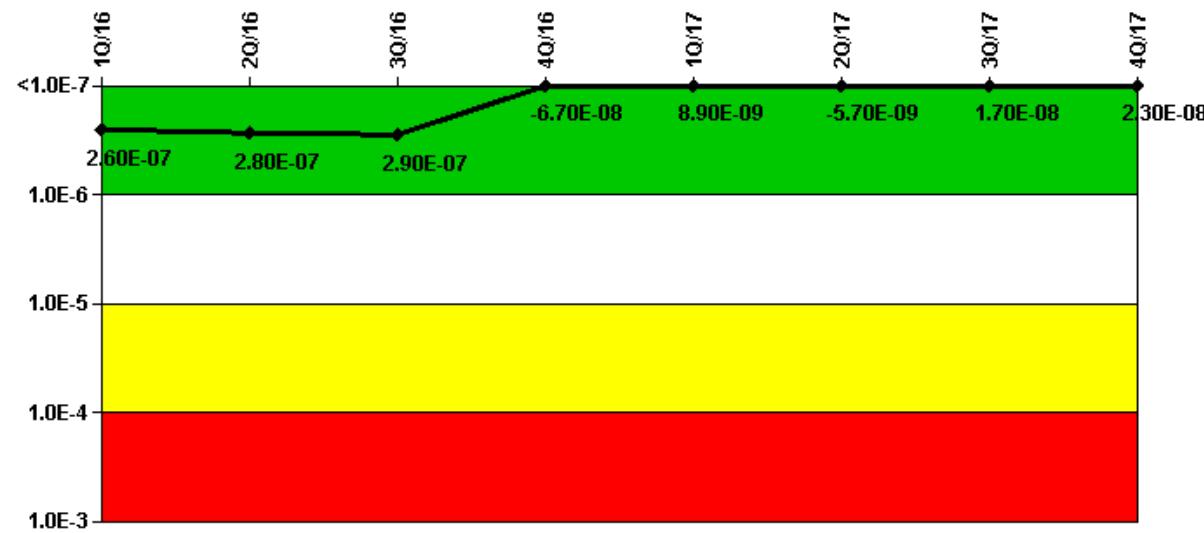
	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
UAI (Δ CDF)	2.76E-10	0.00E+00						
URI (Δ CDF)	3.34E-09	4.03E-09	4.03E-09	3.30E-09	3.43E-09	3.39E-09	2.57E-09	3.19E-09
PLE	NO							

Indicator value **3.60E-09** 4.00E-09 4.00E-09 3.30E-09 3.40E-09 3.40E-09 2.60E-09 3.20E-09

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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

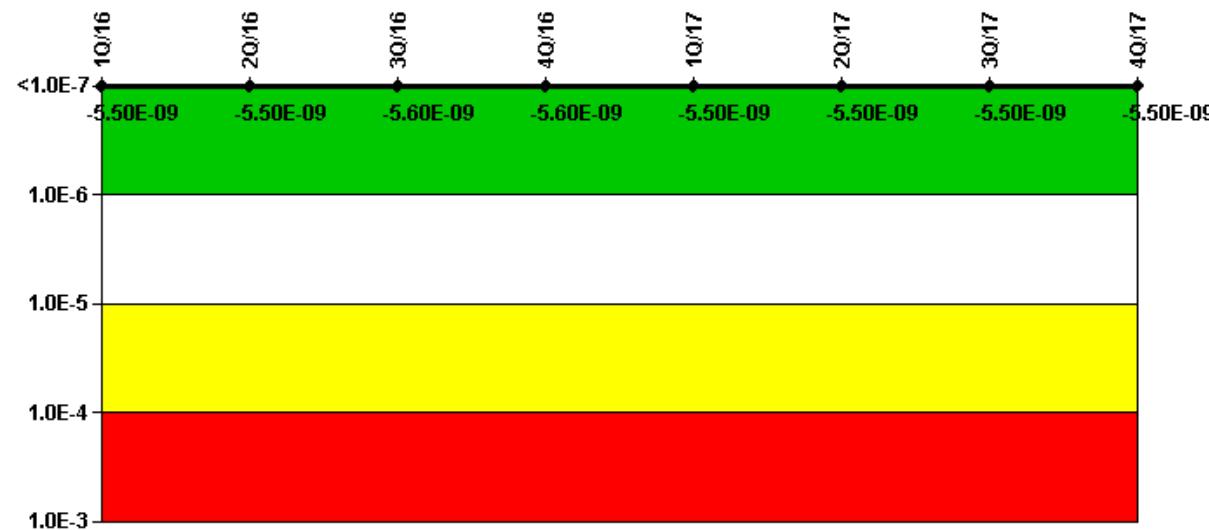
Mitigating Systems Performance Index, High Pressure Injection System

	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
UAI (Δ CDF)	6.25E-08	8.18E-08	9.38E-08	9.51E-10	7.69E-08	6.23E-08	8.46E-08	9.14E-08
URI (Δ CDF)	1.97E-07	1.97E-07	1.97E-07	-6.80E-08	-6.80E-08	-6.80E-08	-6.80E-08	-6.80E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.60E-07	2.80E-07	2.90E-07	-6.70E-08	8.90E-09	-5.70E-09	1.70E-08	2.30E-08

▲ TOP

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/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
UAI (Δ CDF)	-5.43E-09							
URI (Δ CDF)	-1.09E-10	-1.13E-10	-1.25E-10	-1.25E-10	-1.13E-10	-1.13E-10	-1.13E-10	-1.13E-10
PLE	NO							
Indicator value	-5.50E-09	-5.50E-09	-5.60E-09	-5.60E-09	-5.50E-09	-5.50E-09	-5.50E-09	-5.50E-09



Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



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

Notes

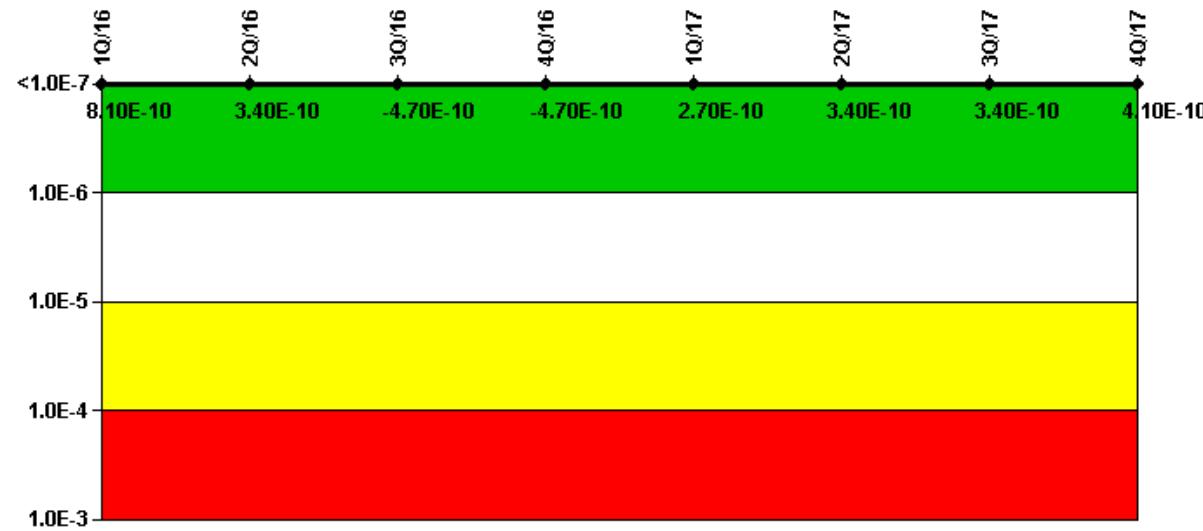
Mitigating Systems Performance Index, Residual Heat Removal System

	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
UAI (Δ CDF)	8.71E-10	-1.57E-09	10	3.89E-11	2.73E-10	2.82E-09	4.57E-09	4.41E-09
URI (Δ CDF)	-4.45E-09	-4.51E-09	-4.64E-09	-4.61E-09	-4.61E-09	-4.59E-09	-4.60E-09	-4.60E-09
PLE	NO							
Indicator value	-3.60E-09	-4.70E-09	-4.60E-09	-4.30E-09	-1.80E-09	-2.20E-11	-1.90E-10	3.20E-09

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Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



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

Notes

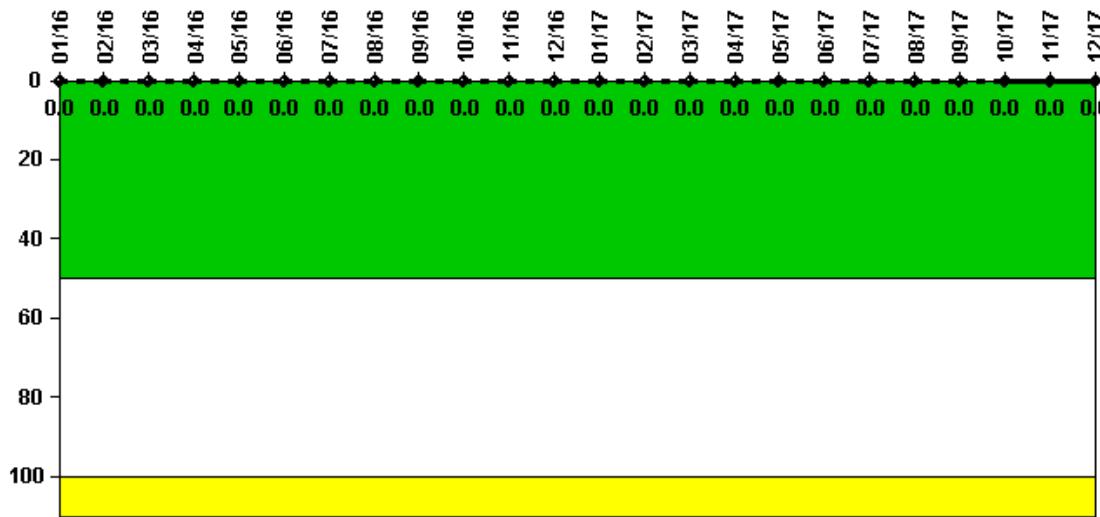
Mitigating Systems Performance Index, Cooling Water Systems

	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
UAI (Δ CDF)	8.33E-10	3.64E-10	-4.47E-10	-4.47E-10	2.92E-10	3.69E-10	3.69E-10	4.33E-10
URI (Δ CDF)	-2.74E-11	-2.70E-11	-2.69E-11	-2.58E-11	-2.61E-11	-2.59E-11	-2.60E-11	-2.58E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	8.10E-10	3.40E-10	-4.70E-10	-4.70E-10	2.70E-10	3.40E-10	3.40E-10	4.10E-10

▲ TOP

Licensee Comments: none

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	0.000003	0.000004	0.000002	0.000003	0.000003	0.000003	0.000003	0.000003	0.000004	0.000004	0.000005	0.000004
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

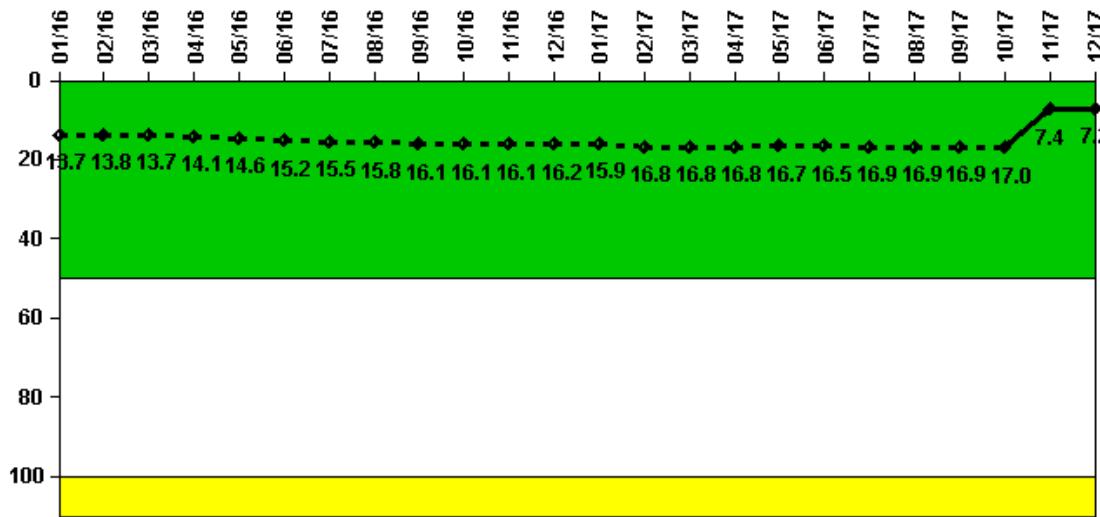
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	1/17	2/17	3/17	4/17	5/17	6/17	7/17	8/17	9/17	10/17	11/17	12/17
Maximum activity	0.000004	0.000004	0.000006	0.000006	0.000006	0.000005	0.000007	0.000007	0.000006	0.000005	0.000003	

Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2



Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage 1/16 2/16 3/16 4/16 5/16 6/16 7/16 8/16 9/16 10/16 11/16 12/16

Maximum leakage 3.413 3.440 3.430 3.524 3.661 3.804 3.875 3.951 4.018 4.032 4.020 4.049

Technical specification limit 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0

Indicator value 13.7 13.8 13.7 14.1 14.6 15.2 15.5 15.8 16.1 16.1 16.1 16.2

Reactor Coolant System Leakage 1/17 2/17 3/17 4/17 5/17 6/17 7/17 8/17 9/17 10/17 11/17 12/17

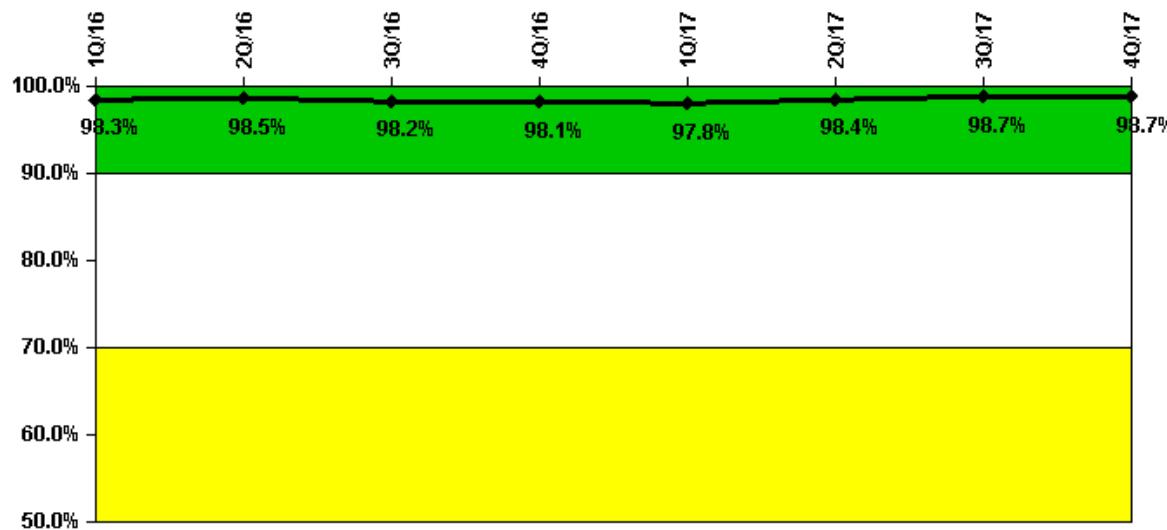
Maximum leakage 3.985 4.194 4.193 4.206 4.179 4.135 4.224 4.230 4.218 4.251 1.858 1.810

Technical specification limit 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0

Indicator value 15.9 16.8 16.8 16.8 16.7 16.5 16.9 16.9 16.9 17.0 7.4 7.2

 TOP

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

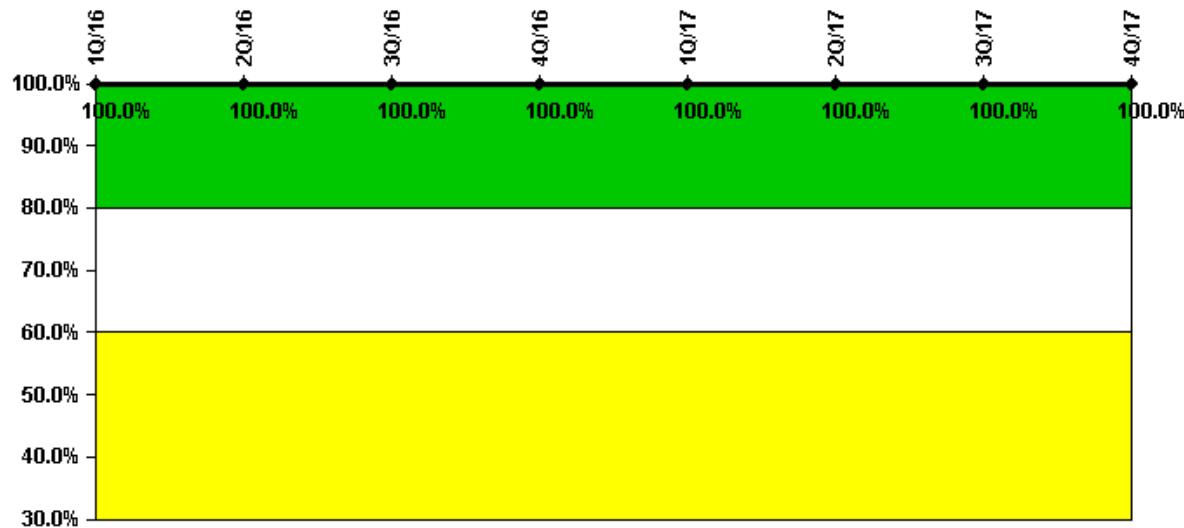
Notes

Drill/Exercise Performance	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Successful opportunities	31.0	80.0	44.0	33.0	34.0	70.0	48.0	28.0
Total opportunities	32.0	80.0	47.0	33.0	35.0	70.0	48.0	28.0

Indicator value **98.3% 98.5% 98.2% 98.1% 97.8% 98.4% 98.7% 98.7%**

TOP

Licensee Comments: none

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

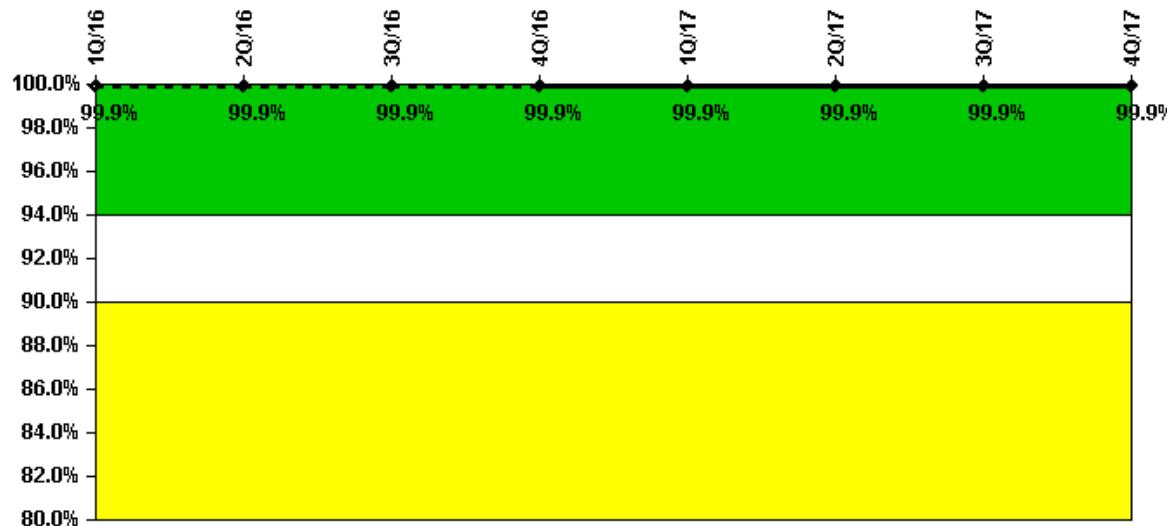
Notes

ERO Drill Participation	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Participating Key personnel	70.0	64.0	64.0	65.0	65.0	64.0	61.0	65.0
Total Key personnel	70.0	64.0	64.0	65.0	65.0	64.0	61.0	65.0

Indicator value 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0%

TOP

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

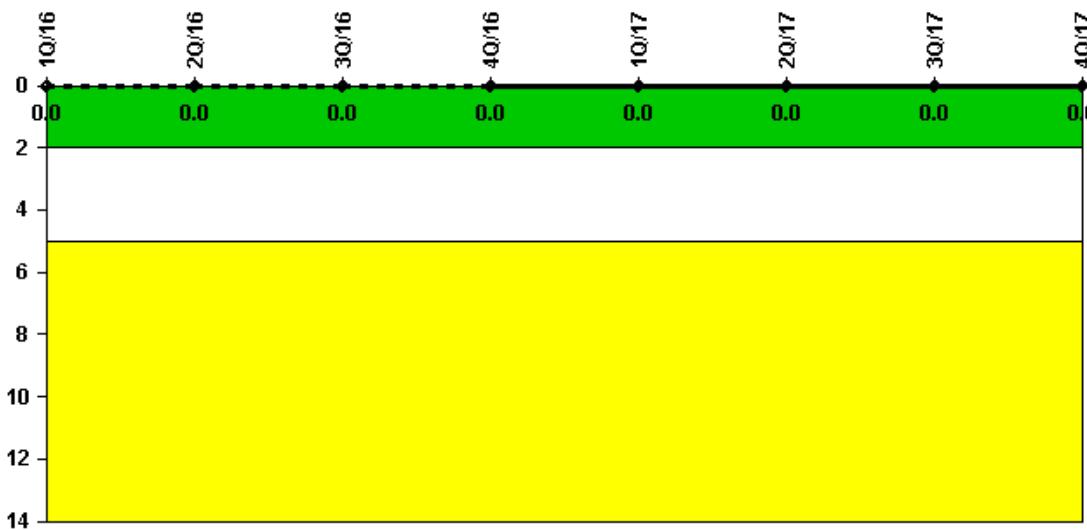
Notes

Alert & Notification System	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Successful siren-tests	2942	2942	2937	2852	2986	2941	2892	2897
Total sirens-tests	2944	2944	2944	2852	2990	2944	2898	2898

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

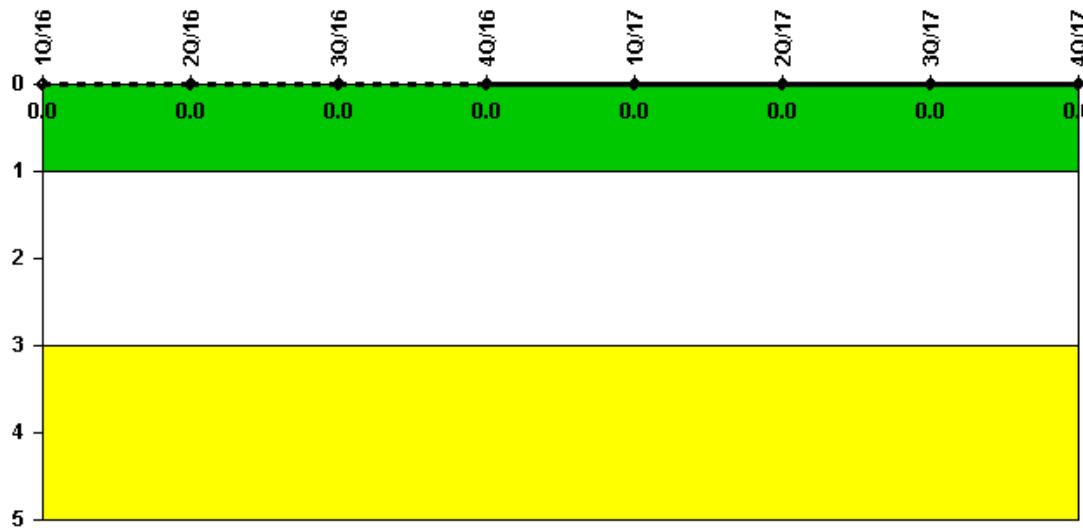
Thresholds: White > 2.0 Yellow > 5.0

Notes**Occupational Exposure Control Effectiveness** 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							

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Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17 3Q/17 4Q/17
RETS/ODCM occurrences 0 0 0 0 0 0 0 0

Indicator value 0 0 0 0 0 0 0 0

▲ TOP

Licensee Comments: none

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Current data as of: February 1, 2018

Page Last Reviewed/Updated Monday, November 06, 2017