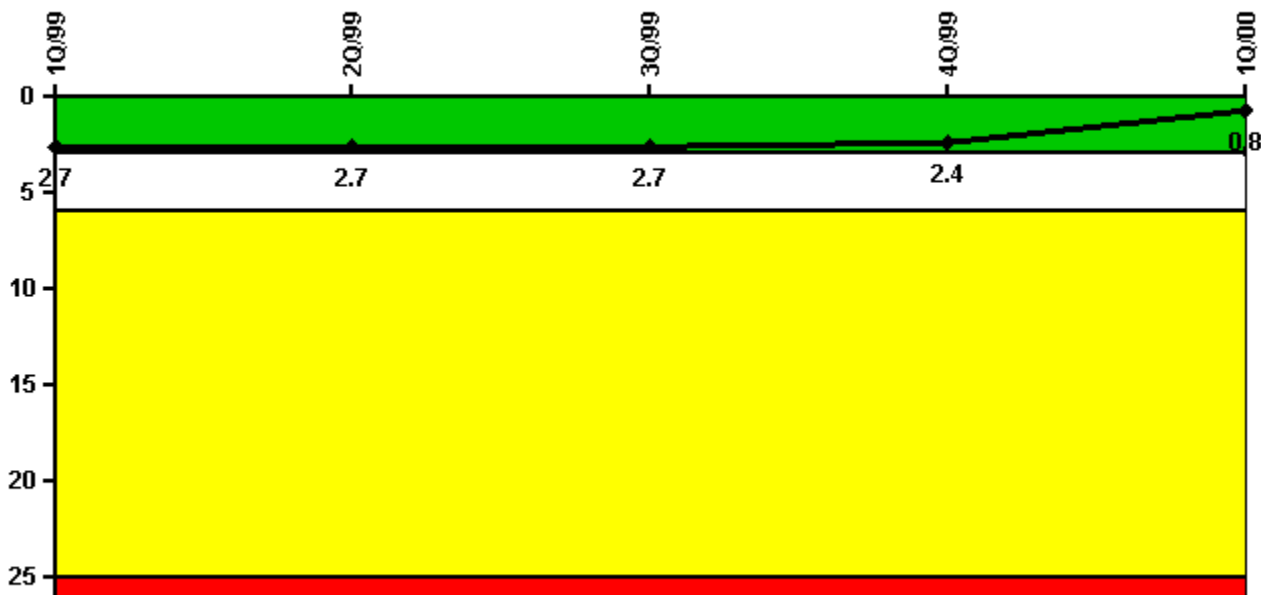


Harris 1

1Q/2000 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Unplanned scrams	2.0	0	0	1.0	0
Critical hours	1998.6	2183.0	2208.0	2185.4	2184.0
Indicator value	2.7	2.7	2.7	2.4	0.8

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



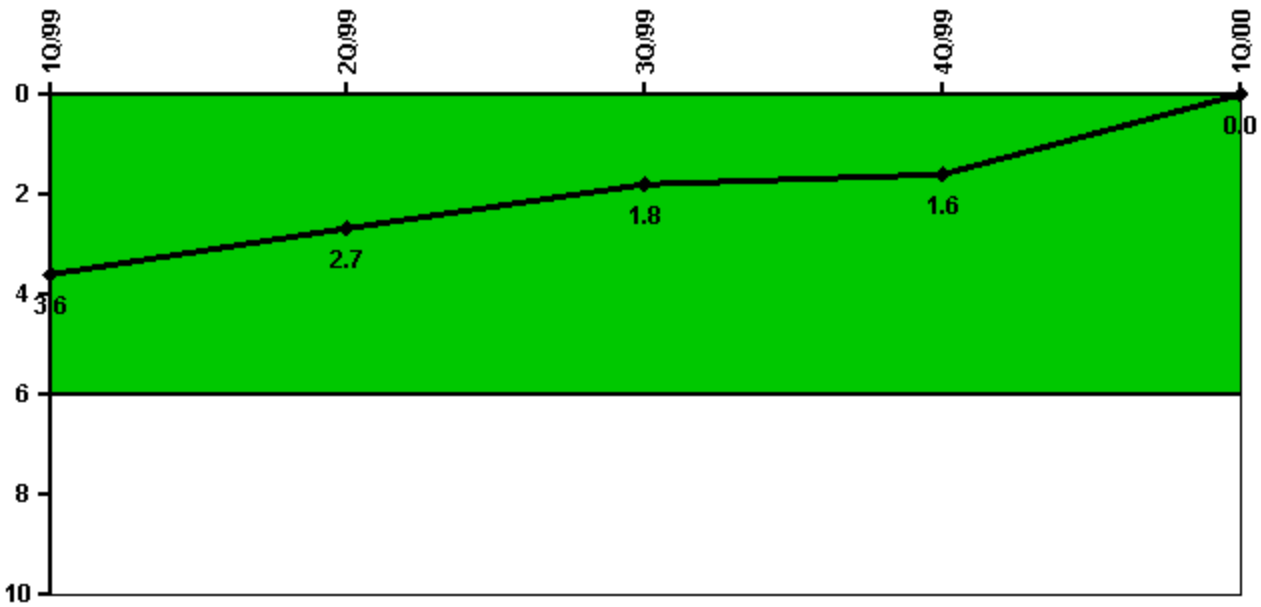
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Scrams	0	0	0	0	0
Indicator value	2.0	1.0	1.0	1.0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



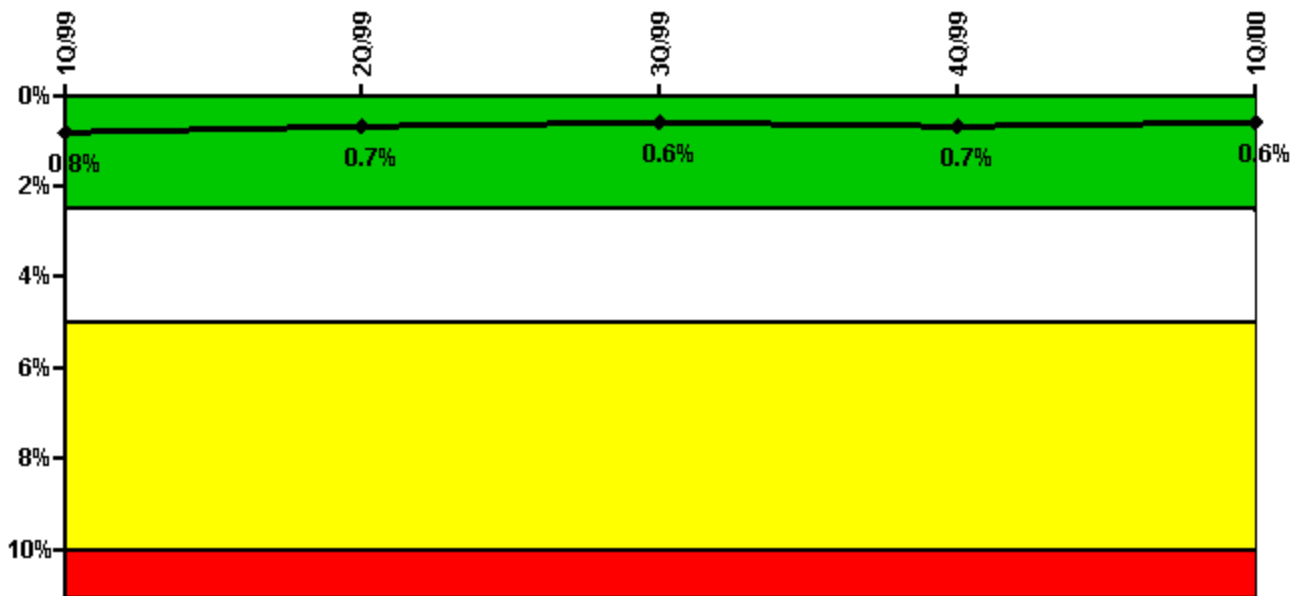
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Unplanned power changes	2.0	0	0	0	0
Critical hours	1998.6	2183.0	2208.0	2185.4	2184.0
Indicator value	3.6	2.7	1.8	1.6	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



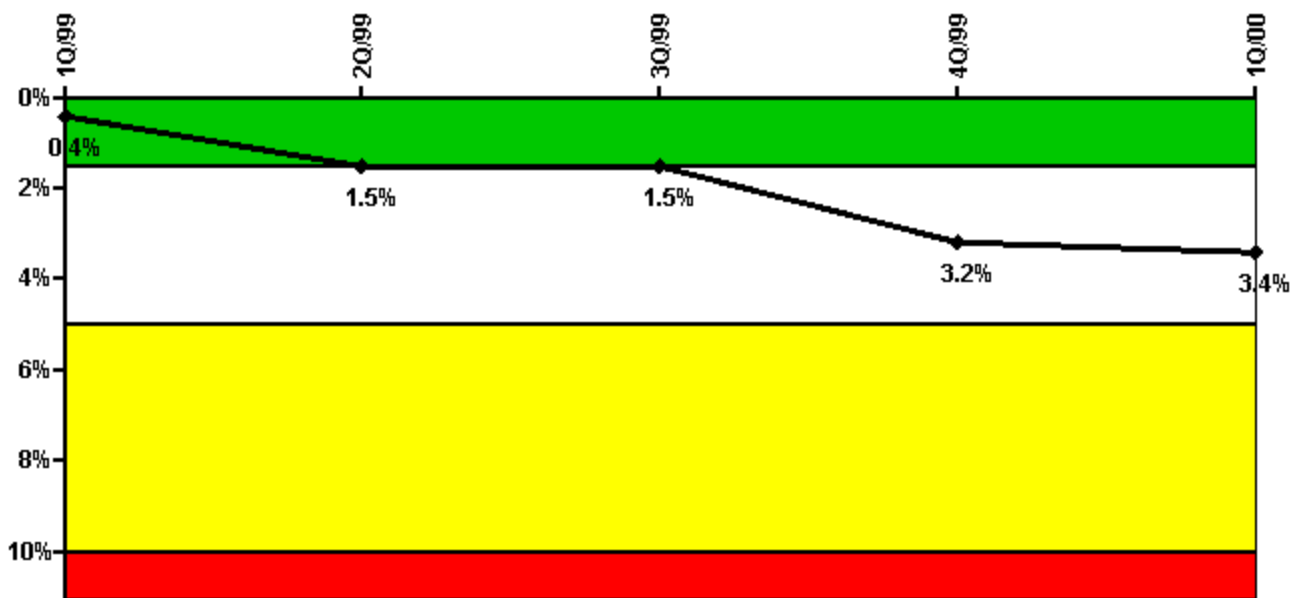
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	19.20	23.20	15.90	0	18.20
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2184.00
Train 2					
Planned unavailable hours	32.60	7.80	0	34.80	2.30
Unplanned unavailable hours	0.20	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	0.8%	0.7%	0.6%	0.7%	0.6%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



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

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	31.50	22.40	11.57	5.22	1.18
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	485.93	0	842.84	0
Effective Reset hours	0	0	0	0	0
Required hours	1998.60	2183.00	2208.00	2209.00	2184.00
Train 2					
Planned unavailable hours	38.70	1.00	12.20	6.80	7.98
Unplanned unavailable hours	0	0	5.50	0	0.77
Fault exposure hours	0	0	0	0	97.05
Effective Reset hours	0	0	0	0	0
Required hours	1998.60	2183.00	2208.00	2209.00	2184.00
Indicator value	0.4%	1.5%	1.5%	3.2%	3.4%

Licensee Comments:

1Q/00: Q1/2000 Data revised due to the discovery of internal pump damage on the replacement pump being used to substitute for the normal CSIP on B train. Revised on 10/20/00***On September 4th, 2000 it was determined that C CSIP had experienced bearing damage sometime since May 1999. Therefore, all hours that the C CSIP was in service for B CSIP during Q1/2000 are being counted as Unplanned Unavailable. Revised 04/21/01 after final determination was reached on the appropriate way to account for bearing failure.***Revised for Q2/2001 submittal to make all C CSIP unplanned unavailable hours fault exposure hours after thorough review with NRC and NEI over fault exposure definition. No impact on indicator color due to this change.

1Q/00: Q1/2000 Data revised due to the discovery of internal pump damage on the replacement pump being used to substitute for the normal CSIP on B train. Revised on 10/20/00

4Q/99: High Pressure Injection unavailability data revised for 4th quarter 1998 and 1st and 2nd quarters 1999 based on recent data validation. There was no resulting change in indicator values, and no thresholds were impacted. Additional historical data corrections are being investigated and will be reported as appropriate in future submittals. High Pressure Injection unavailability data through 4th quarter 1999 was determined

based on NEI 99-02 Draft Rev. B guidance. *** Q4/1999 Data revised 10/20/00 due to discovery of replacement pump internal damage which has been determined to have been in service for the normal pump while damaged for a significant portion of Nov. and Dec. 1999

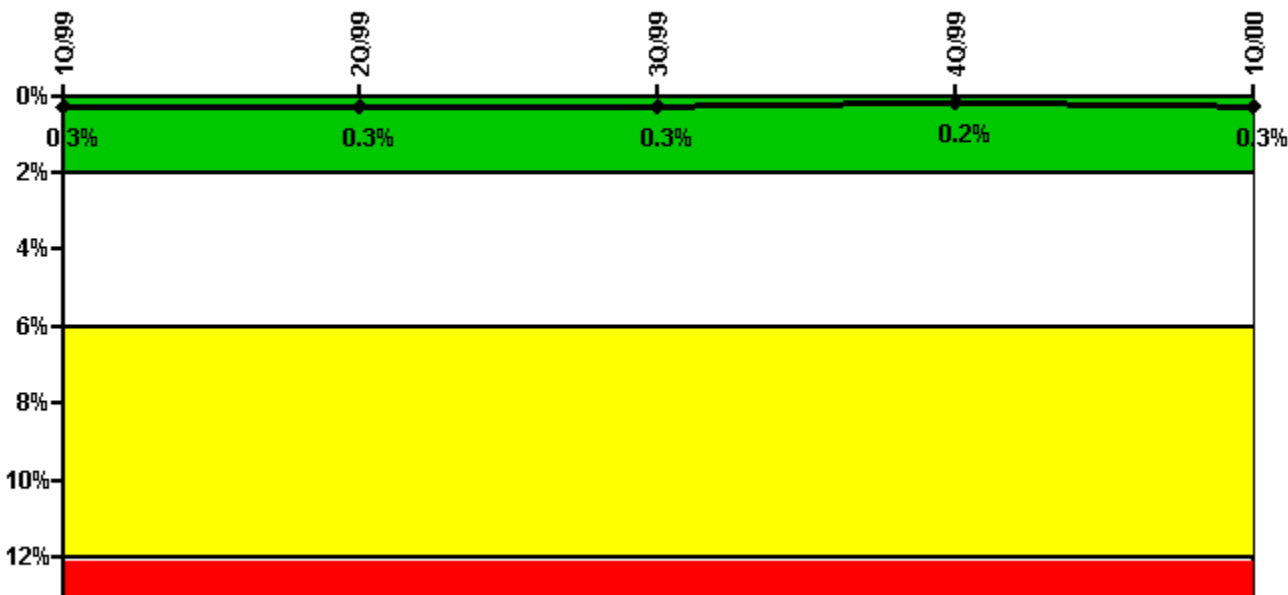
4Q/99: High Pressure Injection unavailability data revised for 4th quarter 1998 and 1st and 2nd quarters 1999 based on recent data validation. There was no resulting change in indicator values, and no thresholds were impacted. Additional historical data corrections are being investigated and will be reported as appropriate in future submittals. High Pressure Injection unavailability data through 4th quarter 1999 was determined based on NEI 99-02 Draft Rev. B guidance. *** Q4/1999 Data revised 10/20/00 due to discovery of replacement pump internal damage which has been determined to have been in service for the normal pump while damaged for a significant portion of Nov. and Dec. 1999***On September 4th, 2000 it was determined that C CSIP had experienced bearing damage sometime since May 1999. Therefore, all hours that the C CSIP was in service for A CSIP are being counted as Unplanned Unavailable. Revised 04/21/01 after final determination was reached on the appropriate way to account for bearing failure. Revised for Q2/2001 submittal to make all C CSIP unplanned unavailable hours fault exposure hours after thorough review with NRC and NEI over fault exposure definition. No impact on indicator color due to this change.

3Q/99: Corrected for additional 5.87hrs of planned unavailability for 9/22/99 for AH9A breaker being open. (4/21/01)

2Q/99: On September 4th, 2000 it was determined that C CSIP had experienced bearing damage sometime since May 1999. Therefore, all hours that the C CSIP was in service for A CSIP are being counted as Unplanned Unavailable. Revised 04/21/01 after final determination was reached on the appropriate way to account for bearing failure. Revised for Q2/2001 submittal to make all C CSIP unplanned unavailable hours fault exposure hours after thorough review with NRC and NEI over fault exposure definition. No impact on indicator color due to this change.

2Q/99: On September 4th, 2000 it was determined that C CSIP had experienced bearing damage sometime since May 1999. Since C CSIP only served as a replacement for A CSIP some of the time during this period the rules for reporting are unclear. Therefore, all hours that the C CSIP was in service for A CSIP are being counted as Fault Exposure Time instead of half until a response can be obtained on a more correct way to determine Fault Exposure Time for this unique situation. Revised 10/20/00

Safety System Unavailability, Heat Removal System (AFW)



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

Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	0	0	1.05	0	0

Unplanned unavailable hours	12.20	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1998.60	2183.00	2208.00	2209.00	2184.00
Train 2					
Planned unavailable hours	9.60	4.50	0	0	6.25
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	1998.60	2183.00	2208.00	2209.00	2184.00
Train 3					
Planned unavailable hours	0	8.80	2.70	0	12.09
Unplanned unavailable hours	0	0	0	0	6.52
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1998.60	2183.00	2208.00	2209.00	2184.00
Indicator value	0.3%	0.3%	0.3%	0.2%	0.3%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



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

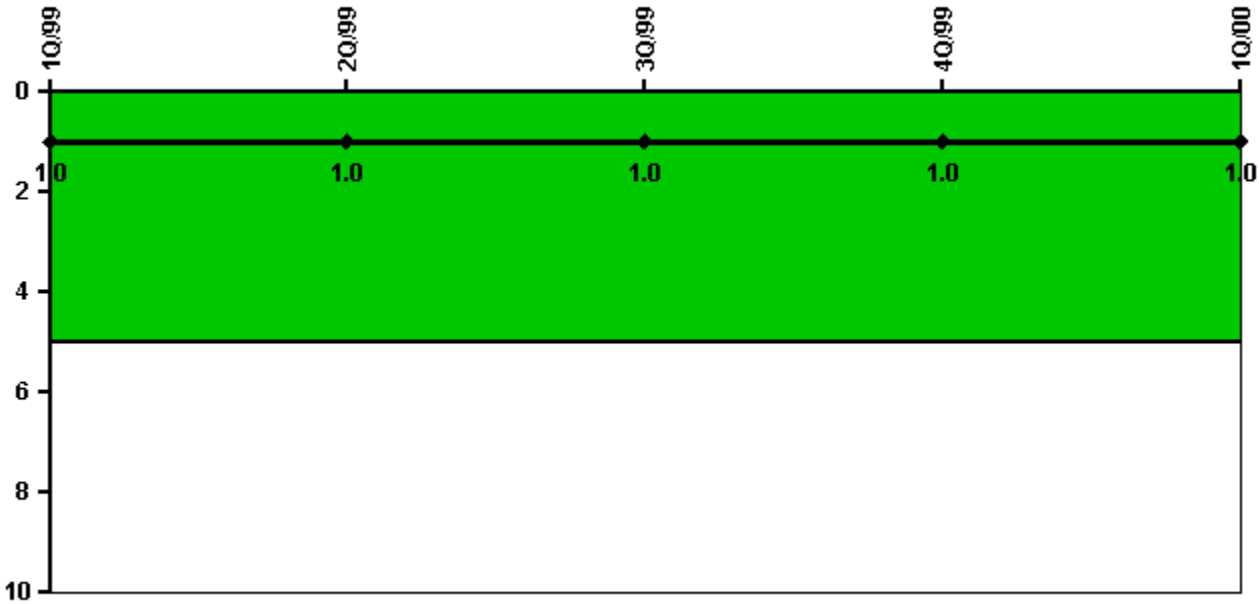
Notes

Safety System Unavailability, Residual Heat Removal System	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					

Planned unavailable hours	0	0	1.80	0	2.30
Unplanned unavailable hours	11.80	17.80	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	11.00	1.40	0	5.50	0
Unplanned unavailable hours	0	0	2.00	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2184.00
Indicator value	0.3%	0.3%	0.3%	0.3%	0.3%

Licensee Comments: none

Safety System Functional Failures (PWR)



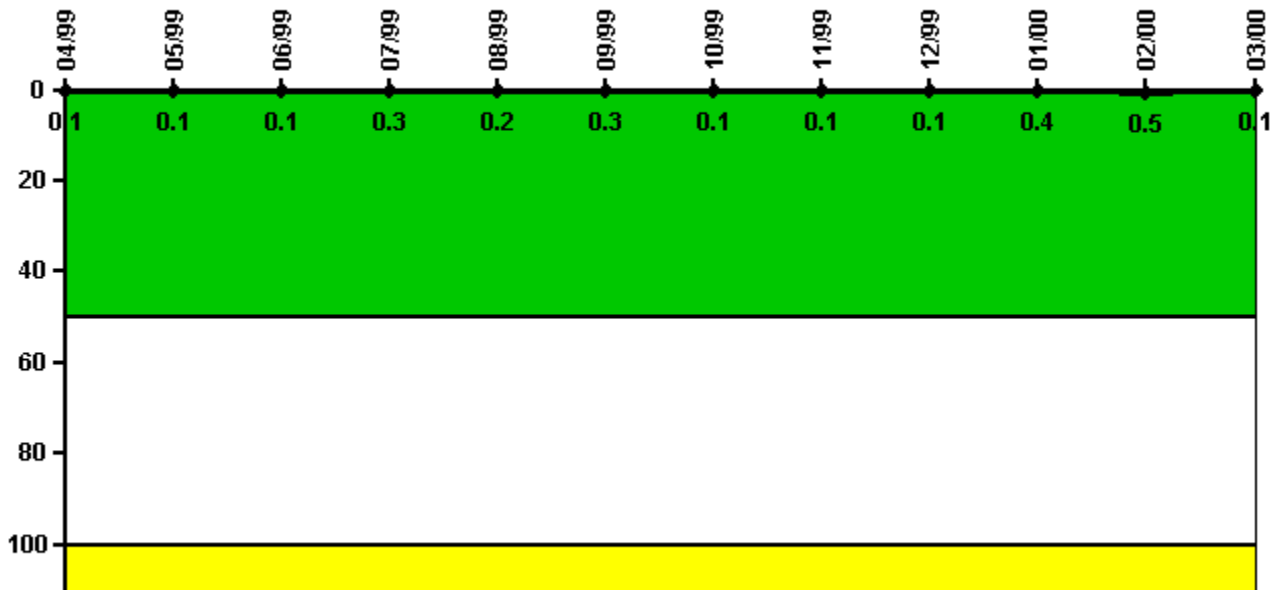
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



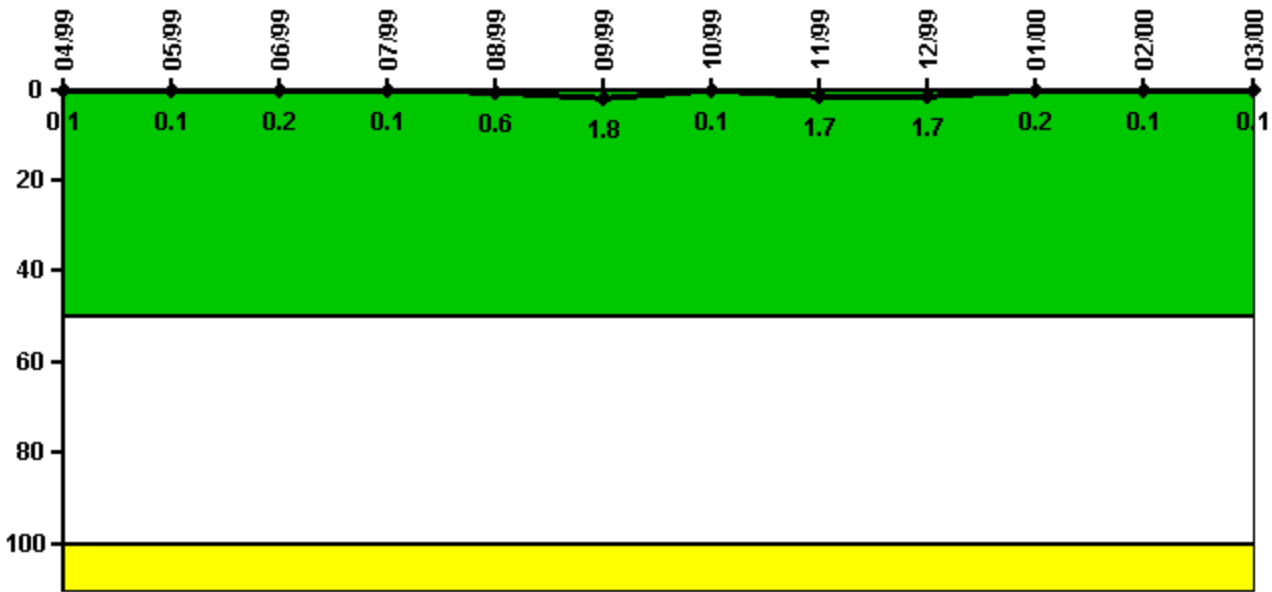
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	4/99	5/99	6/99	7/99	8/99	9/99	10/99	11/99	12/99	1/00	2/00	3/00
Maximum activity	0.001164	0.000900	0.000900	0.002900	0.002140	0.002560	0.001046	0.001041	0.001084	0.003602	0.004650	0.001196
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.3	0.2	0.3	0.1	0.1	0.1	0.4	0.5	0.1

Licensee Comments: none

Reactor Coolant System Leakage



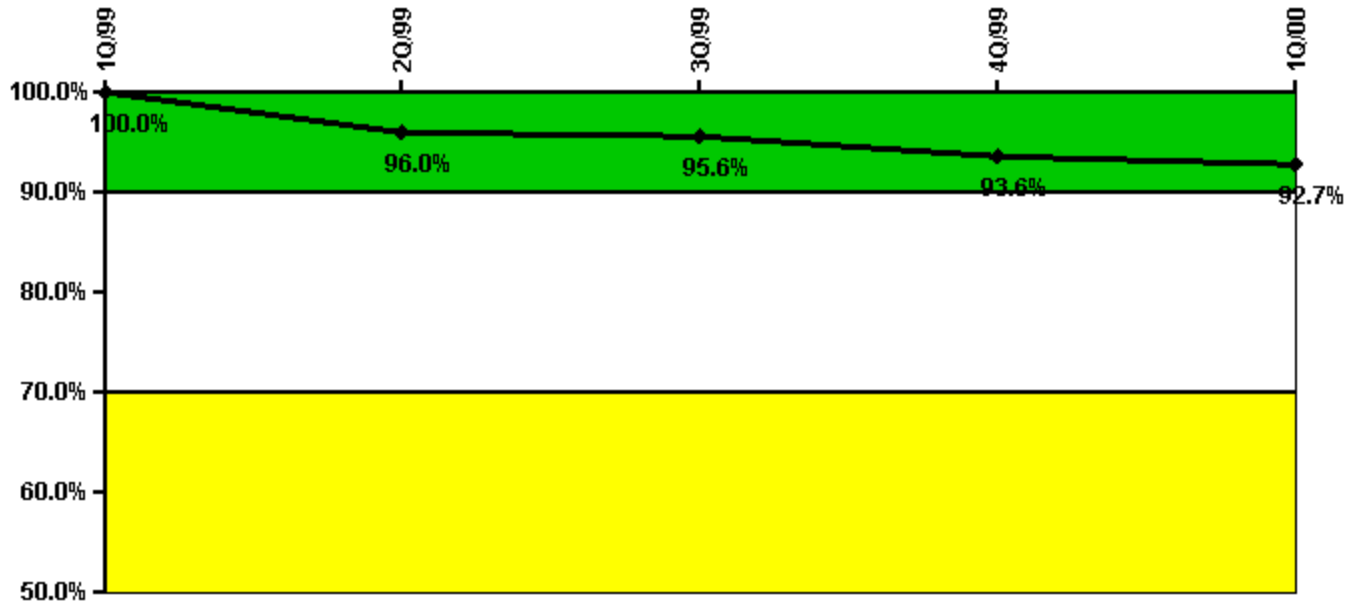
Thresholds: White > 50.0 Yellow > 100.0

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	0.010	0.010	0.020	0.010	0.060	0.180	0.010	0.170	0.170	0.020	0.010	0.010
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.1	0.2	0.1	0.6	1.8	0.1	1.7	1.7	0.2	0.1	0.1

Licensee Comments: none

Drill/Exercise Performance



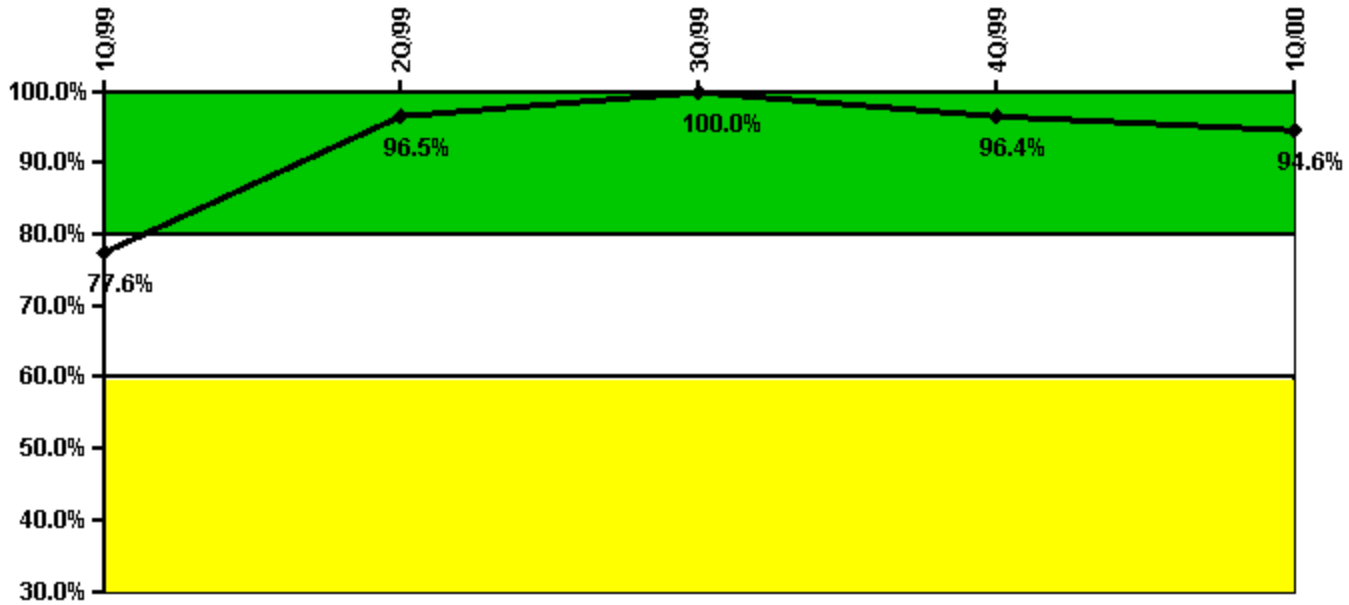
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Successful opportunities	4.0	83.0	17.0	52.0	43.0
Total opportunities	4.0	88.0	17.0	58.0	48.0
Indicator value	100.0%	96.0%	95.6%	93.6%	92.7%

Licensee Comments: none

ERO Drill Participation



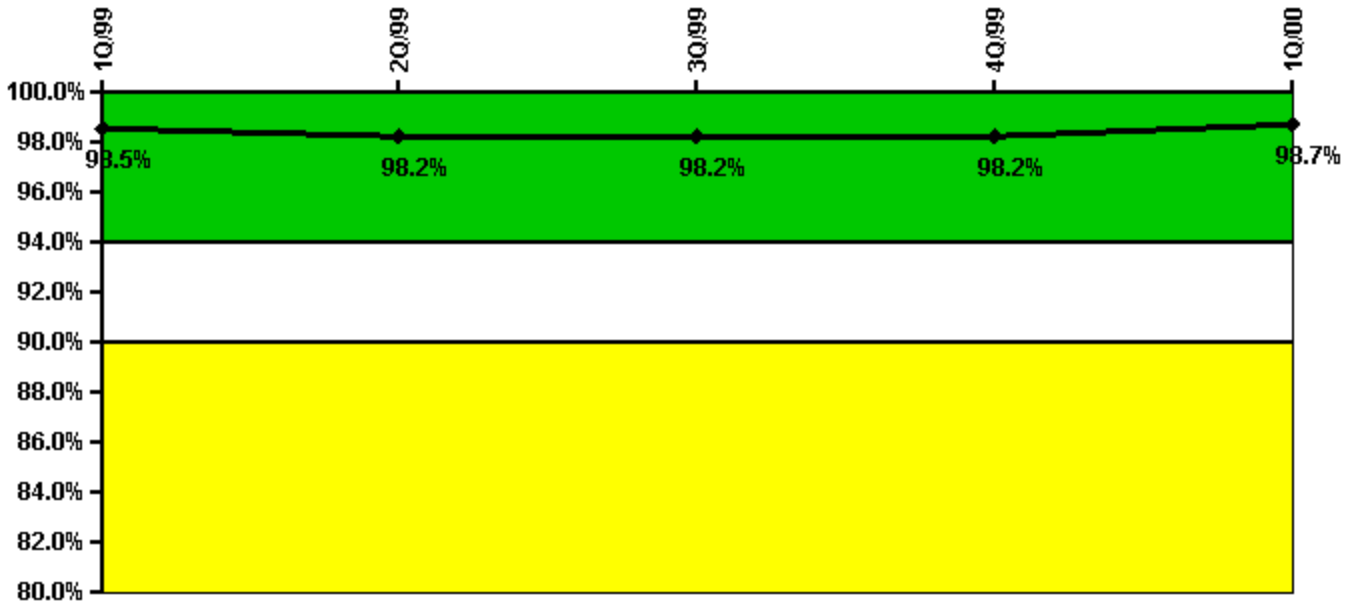
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Participating Key personnel	90.0	111.0	121.0	54.0	53.0
Total Key personnel	116.0	115.0	121.0	56.0	56.0
Indicator value	77.6%	96.5%	100.0%	96.4%	94.6%

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

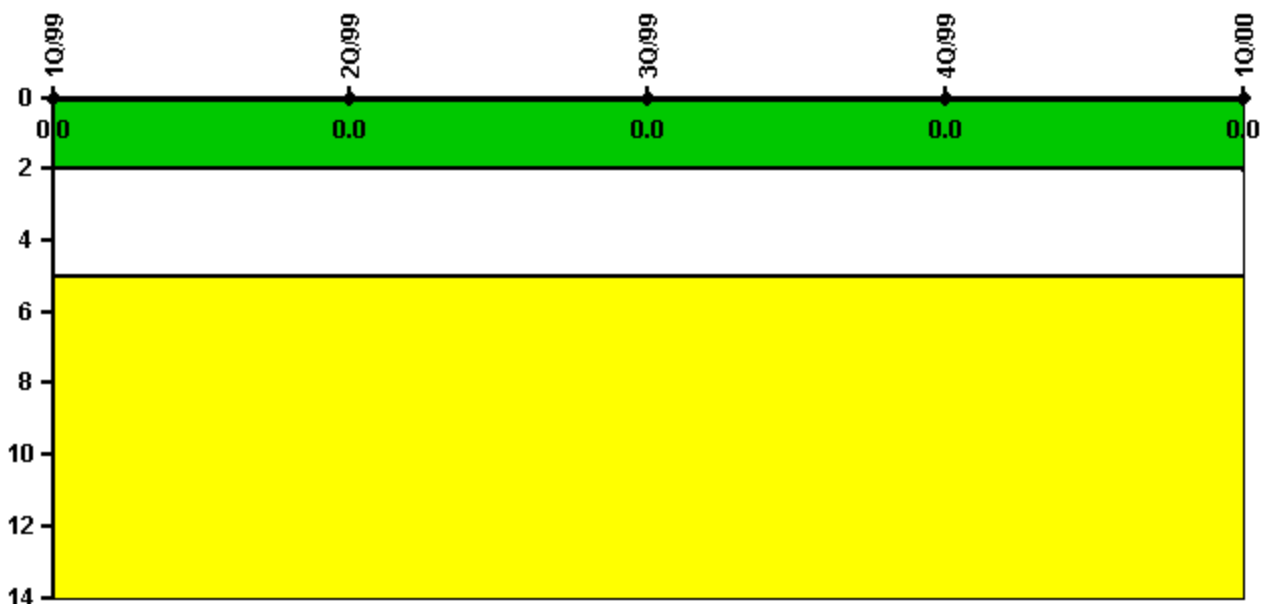
Notes

Alert & Notification System	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Successful siren-tests	633	558	719	477	645
Total sirens-tests	648	567	729	486	648
Indicator value	98.5%	98.2%	98.2%	98.2%	98.7%

Licensee Comments:

1Q/00: Data correction for failure of siren #19. Corrected for Growl Test in Feb, May, Aug and Nov, also Full Volume test in Oct.

Occupational Exposure Control Effectiveness



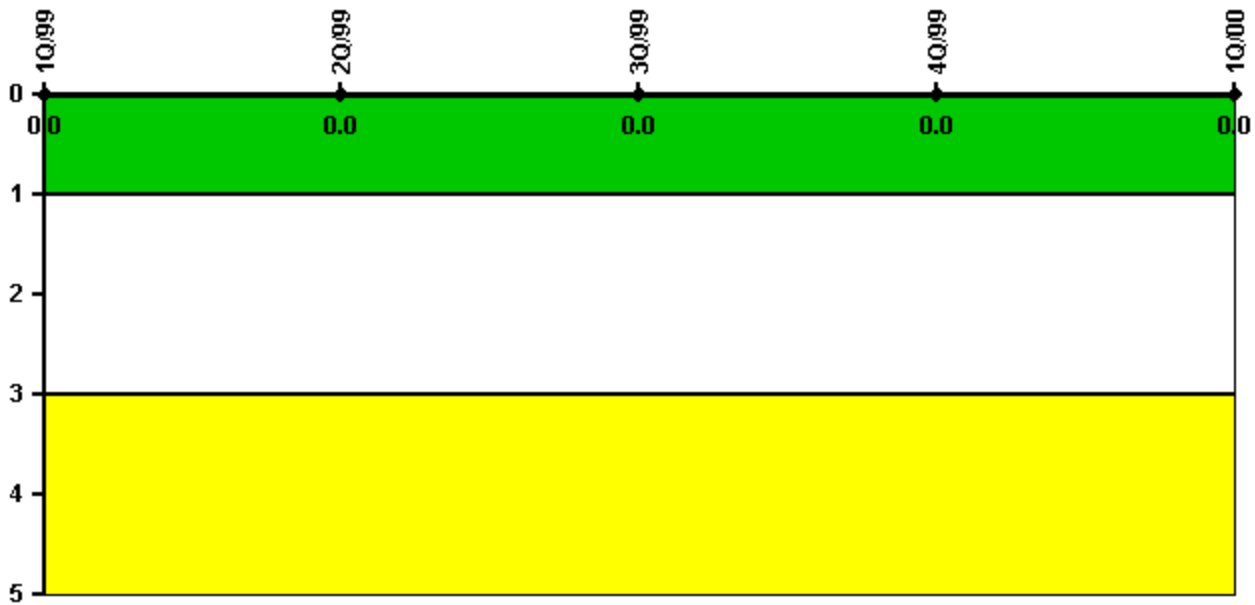
Thresholds: White > 2.0 Yellow > 5.0

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



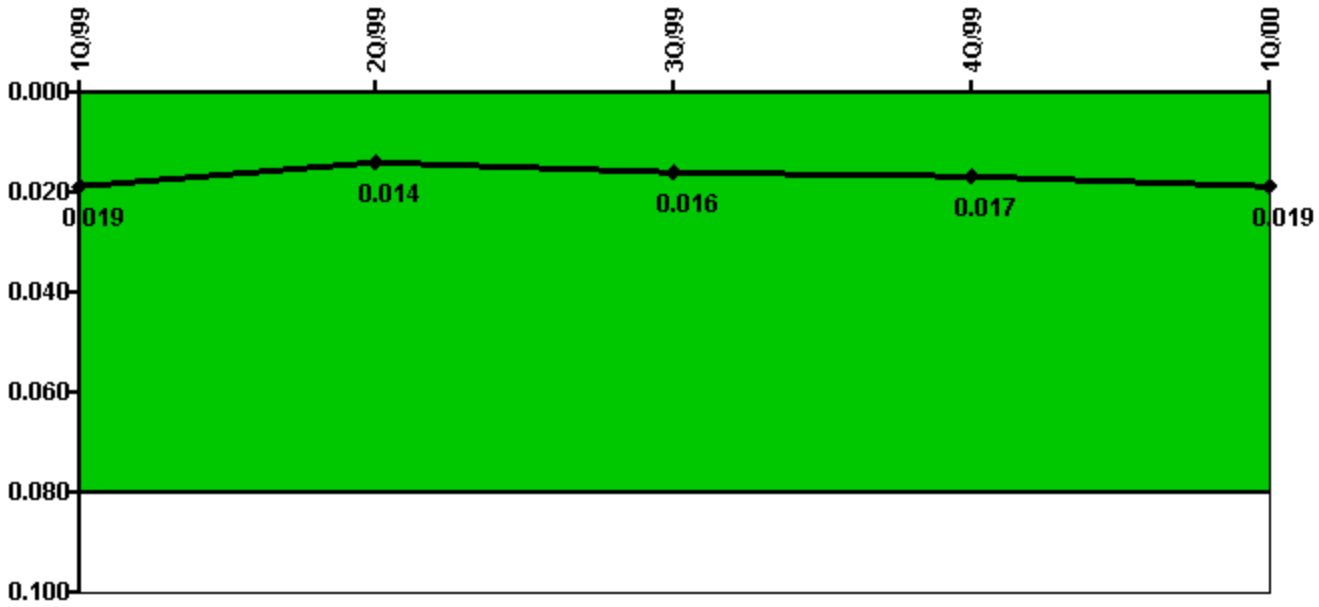
Thresholds: White > 1.0 Yellow > 3.0

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



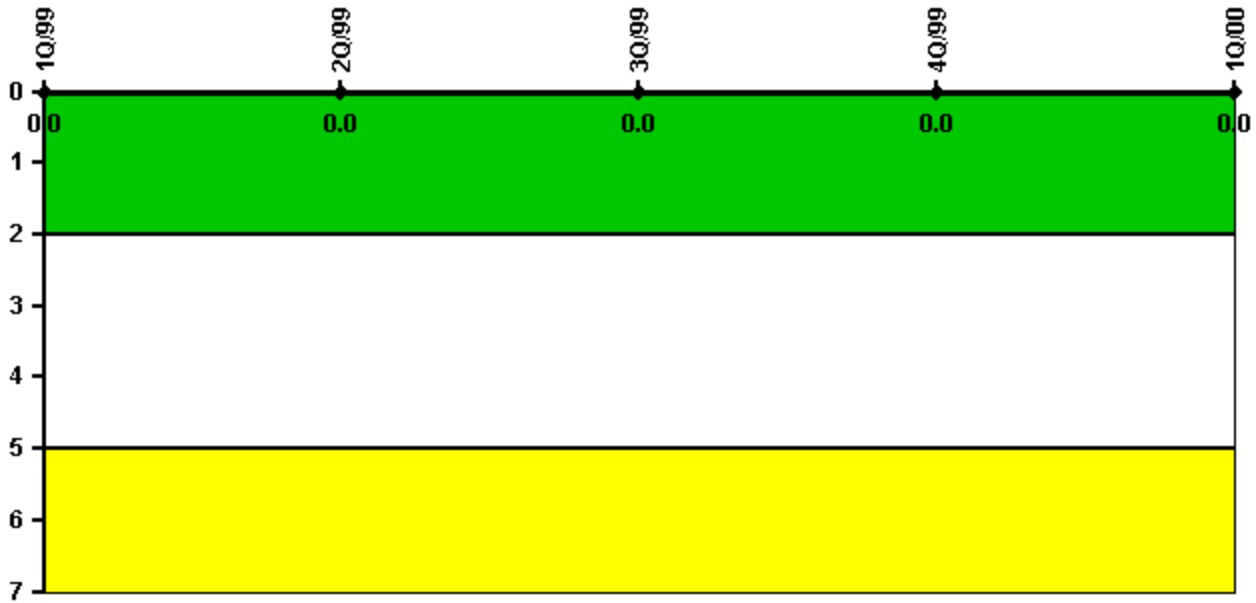
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
IDS compensatory hours	149.20	11.50	348.30	129.20	264.20
CCTV compensatory hours	0	0.8	100.2	0	0
IDS normalization factor	2.85	2.85	2.85	2.85	2.85
CCTV normalization factor	1.4	1.4	1.4	1.4	1.4
Index Value	0.019	0.014	0.016	0.017	0.019

Licensee Comments: none

Personnel Screening Program



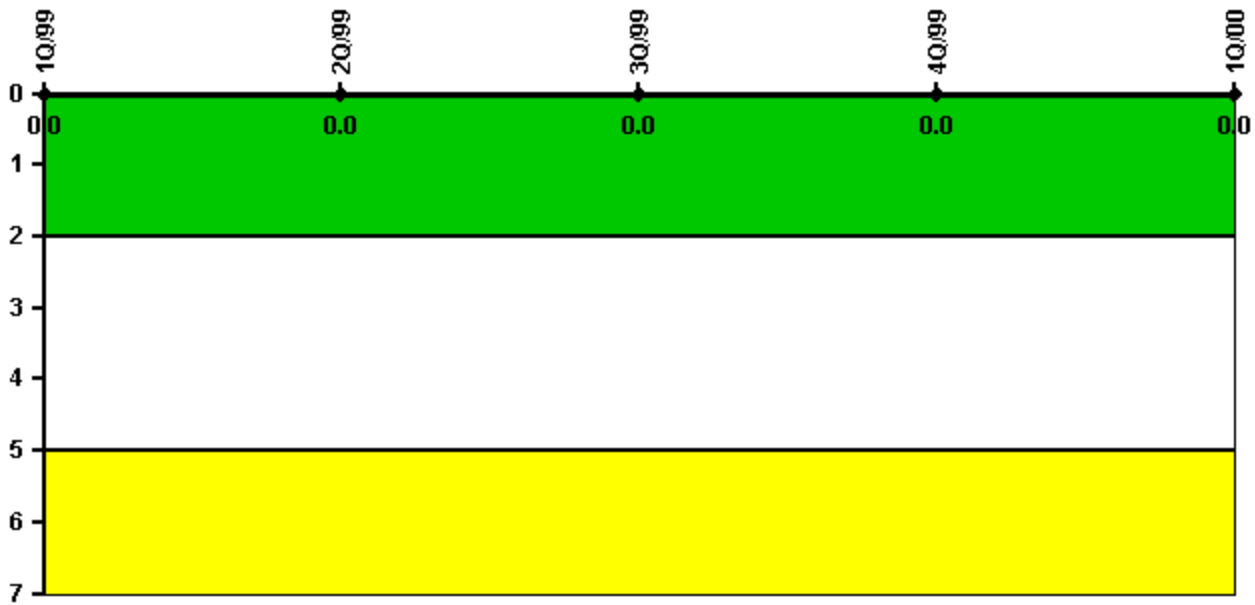
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

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

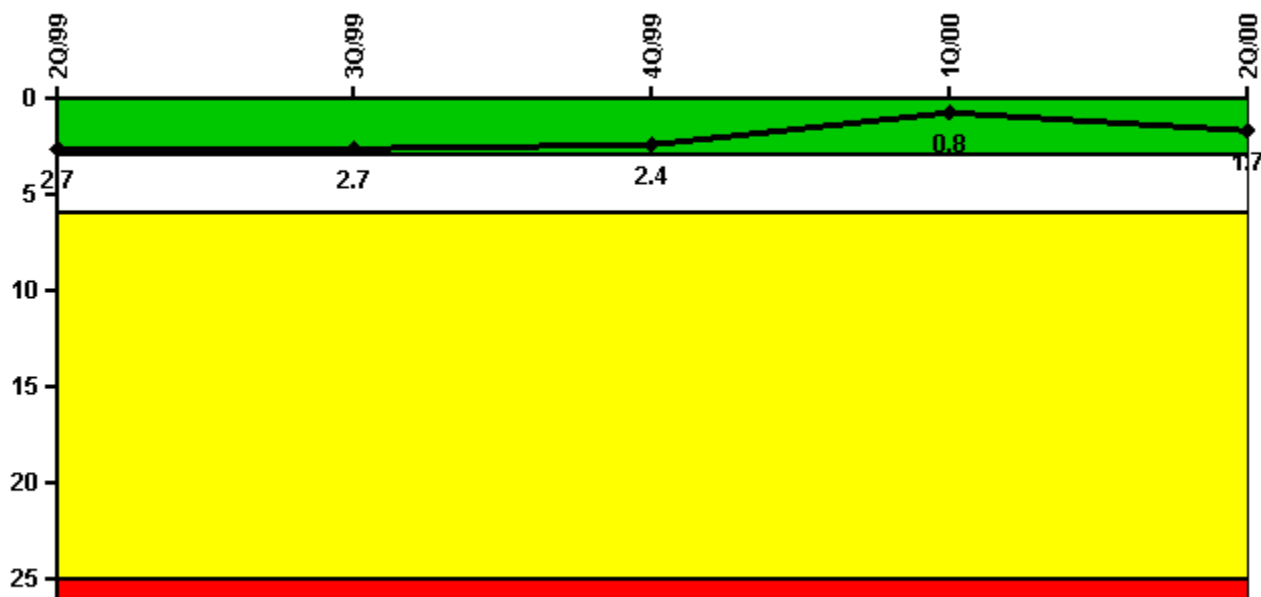
Last Modified: April 1, 2002

Harris 1

2Q/2000 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Unplanned scrams	0	0	1.0	0	1.0
Critical hours	2183.0	2208.0	2185.4	2184.0	1526.7
Indicator value	2.7	2.7	2.4	0.8	1.7

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



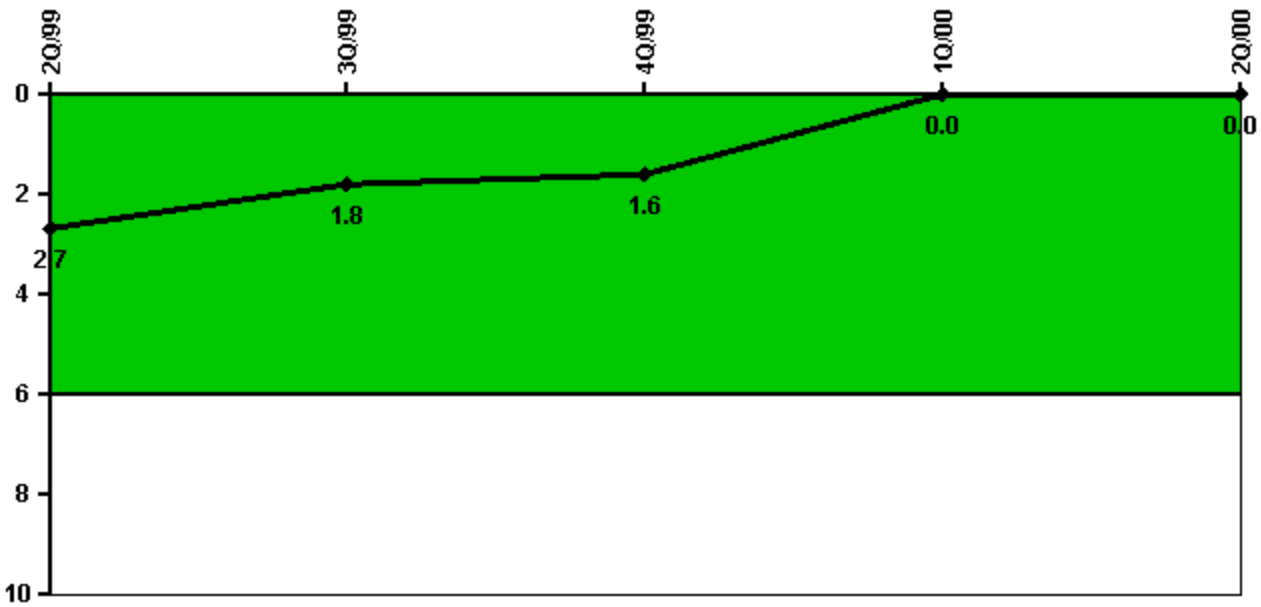
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Scrams	0	0	0	0	0
Indicator value	1.0	1.0	1.0	1.0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



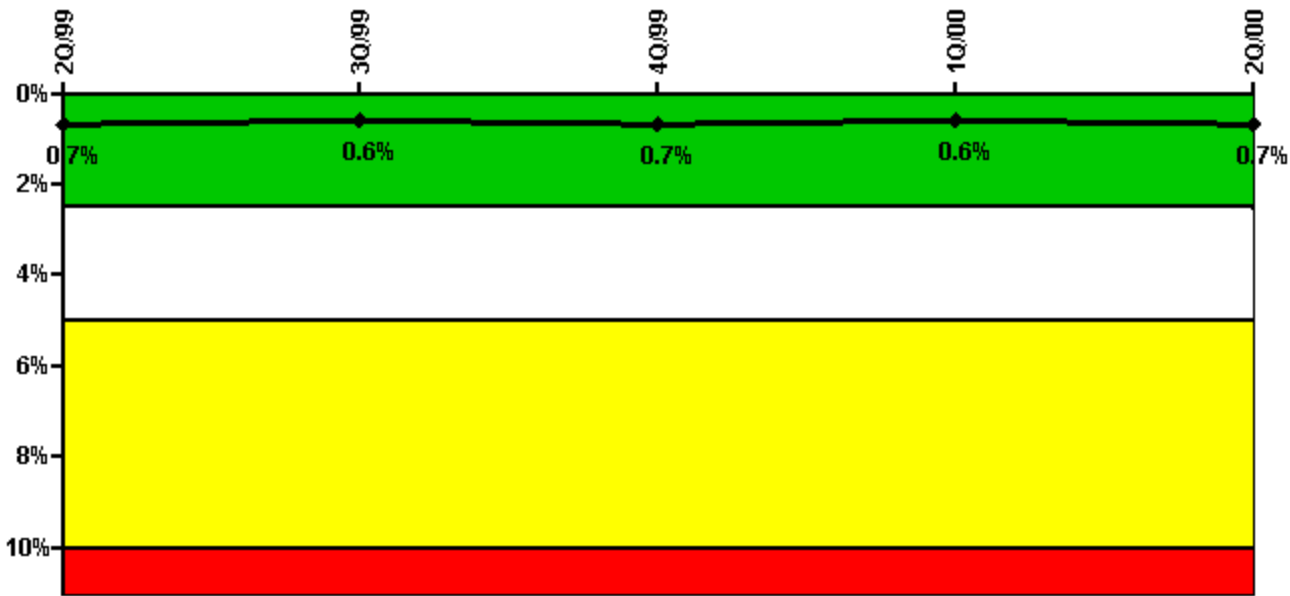
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Unplanned power changes	0	0	0	0	0
Critical hours	2183.0	2208.0	2185.4	2184.0	1526.7
Indicator value	2.7	1.8	1.6	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



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

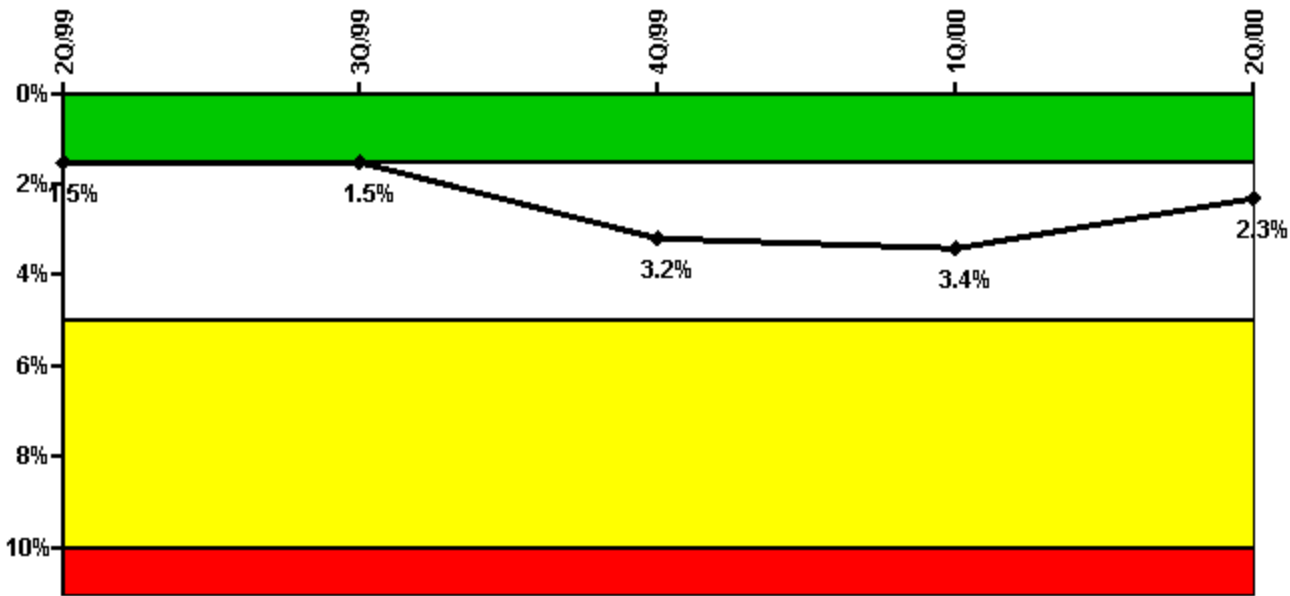
Notes

Safety System Unavailability, Emergency AC Power	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	23.20	15.90	0	18.20	2.20
Unplanned unavailable hours	0	0	0	0	2.00
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	1881.50
Train 2					
Planned unavailable hours	7.80	0	34.80	2.30	28.50
Unplanned unavailable hours	0	0	0	0	2.80
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	1942.80
Indicator value	0.7%	0.6%	0.7%	0.6%	0.7%

Licensee Comments:

2Q/00: Corrected May Train 1 planned and unplanned data to reflect revised support system data. No change to indicator color. Corrected April Train 2 unplanned data to reflect revision of support system data.

Safety System Unavailability, High Pressure Injection System (HPSI)



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

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	22.40	11.57	5.22	1.18	0.45
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	485.93	0	842.84	0	0
Effective Reset hours	0	0	0	0	485.93
Required hours	2183.00	2208.00	2209.00	2184.00	1832.00
Train 2					
Planned unavailable hours	1.00	12.20	6.80	7.98	0.25
Unplanned unavailable hours	0	5.50	0	0.77	0
Fault exposure hours	0	0	0	97.05	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	1832.00
Indicator value	1.5%	1.5%	3.2%	3.4%	2.3%

Licensee Comments:

1Q/00: Q1/2000 Data revised due to the discovery of internal pump damage on the replacement pump being used to substitute for the normal CSIP on B train. Revised on 10/20/00***On September 4th, 2000 it was determined that C CSIP had experienced bearing damage sometime since May 1999. Therefore, all hours that the C CSIP was in service for B CSIP during Q1/2000 are being counted as Unplanned Unavailable. Revised 04/21/01 after final determination was reached on the appropriate way to account for bearing failure.***Revised for Q2/2001 submittal to make all C CSIP unplanned unavailable hours fault exposure hours after thorough review with NRC and NEI over fault exposure definition. No impact on indicator color due to this change.

1Q/00: Q1/2000 Data revised due to the discovery of internal pump damage on the replacement pump being used to substitute for the normal CSIP on B train. Revised on 10/20/00

4Q/99: High Pressure Injection unavailability data revised for 4th quarter 1998 and 1st and 2nd quarters 1999 based on recent data validation. There was no resulting change in indicator values, and no thresholds were impacted. Additional historical data corrections are being investigated and will be reported as appropriate in future submittals. High Pressure Injection unavailability data through 4th quarter 1999 was determined

based on NEI 99-02 Draft Rev. B guidance. *** Q4/1999 Data revised 10/20/00 due to discovery of replacement pump internal damage which has been determined to have been in service for the normal pump while damaged for a significant portion of Nov. and Dec. 1999

4Q/99: High Pressure Injection unavailability data revised for 4th quarter 1998 and 1st and 2nd quarters 1999 based on recent data validation. There was no resulting change in indicator values, and no thresholds were impacted. Additional historical data corrections are being investigated and will be reported as appropriate in future submittals. High Pressure Injection unavailability data through 4th quarter 1999 was determined based on NEI 99-02 Draft Rev. B guidance. *** Q4/1999 Data revised 10/20/00 due to discovery of replacement pump internal damage which has been determined to have been in service for the normal pump while damaged for a significant portion of Nov. and Dec. 1999***On September 4th, 2000 it was determined that C CSIP had experienced bearing damage sometime since May 1999. Therefore, all hours that the C CSIP was in service for A CSIP are being counted as Unplanned Unavailable. Revised 04/21/01 after final determination was reached on the appropriate way to account for bearing failure. Revised for Q2/2001 submittal to make all C CSIP unplanned unavailable hours fault exposure hours after thorough review with NRC and NEI over fault exposure definition. No impact on indicator color due to this change.

3Q/99: Corrected for additional 5.87hrs of planned unavailability for 9/22/99 for AH9A breaker being open. (4/21/01)

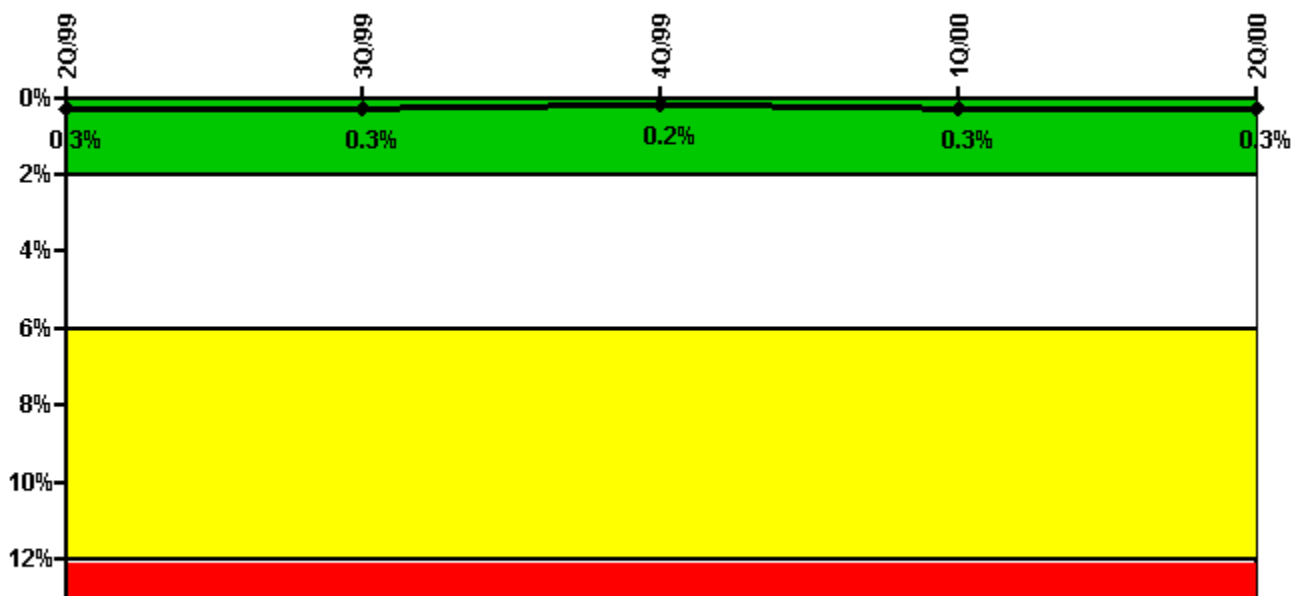
2Q/99: On September 4th, 2000 it was determined that C CSIP had experienced bearing damage sometime since May 1999. Therefore, all hours that the C CSIP was in service for A CSIP are being counted as Unplanned Unavailable. Revised 04/21/01 after final determination was reached on the appropriate way to account for bearing failure. Revised for Q2/2001 submittal to make all C CSIP unplanned unavailable hours fault exposure hours after thorough review with NRC and NEI over fault exposure definition. No impact on indicator color due to this change.

2Q/99: On September 4th, 2000 it was determined that C CSIP had experienced bearing damage sometime since May 1999. Since C CSIP only served as a replacement for A CSIP some of the time during this period the rules for reporting are unclear. Therefore, all hours that the C CSIP was in service for A CSIP are being counted as Fault Exposure Time instead of half until a response can be obtained on a more correct way to determine Fault Exposure Time for this unique situation. Revised 10/20/00

Effective Reset Comments:

2Q/00: Criteria has been met for reset of FE hours.

Safety System Unavailability, Heat Removal System (AFW)



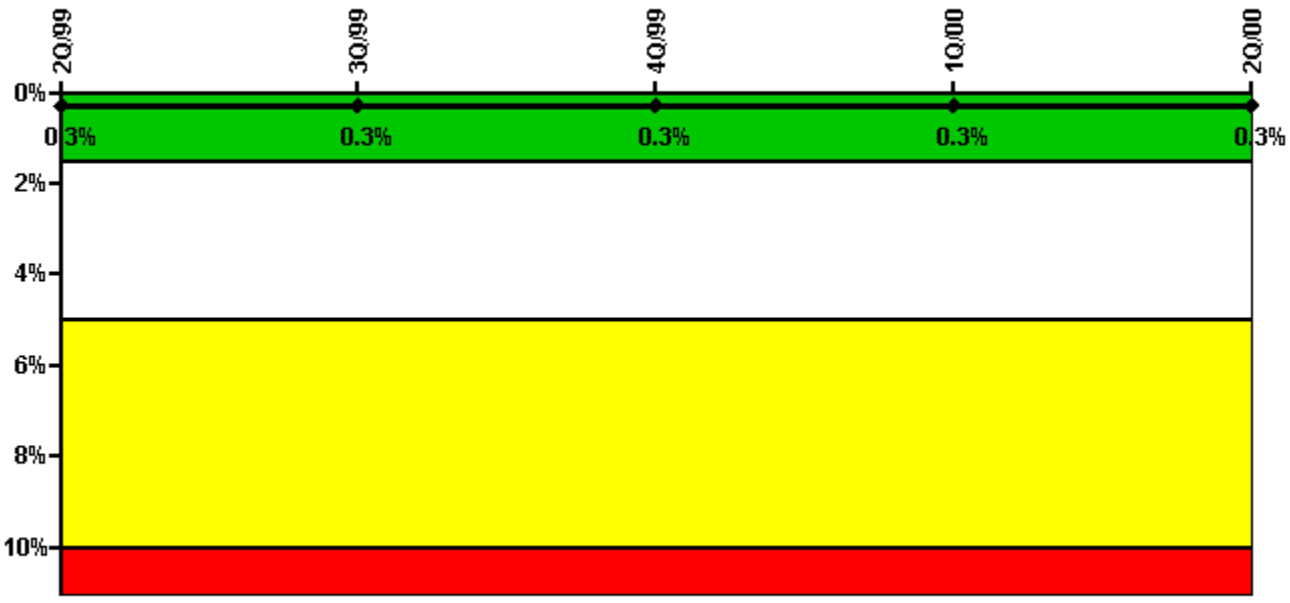
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	0	1.05	0	0	9.00
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	1589.88
Train 2					
Planned unavailable hours	4.50	0	0	6.25	0
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	1589.88
Train 3					
Planned unavailable hours	8.80	2.70	0	12.09	8.25
Unplanned unavailable hours	0	0	0	6.52	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	1589.88
Indicator value	0.3%	0.3%	0.2%	0.3%	0.3%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



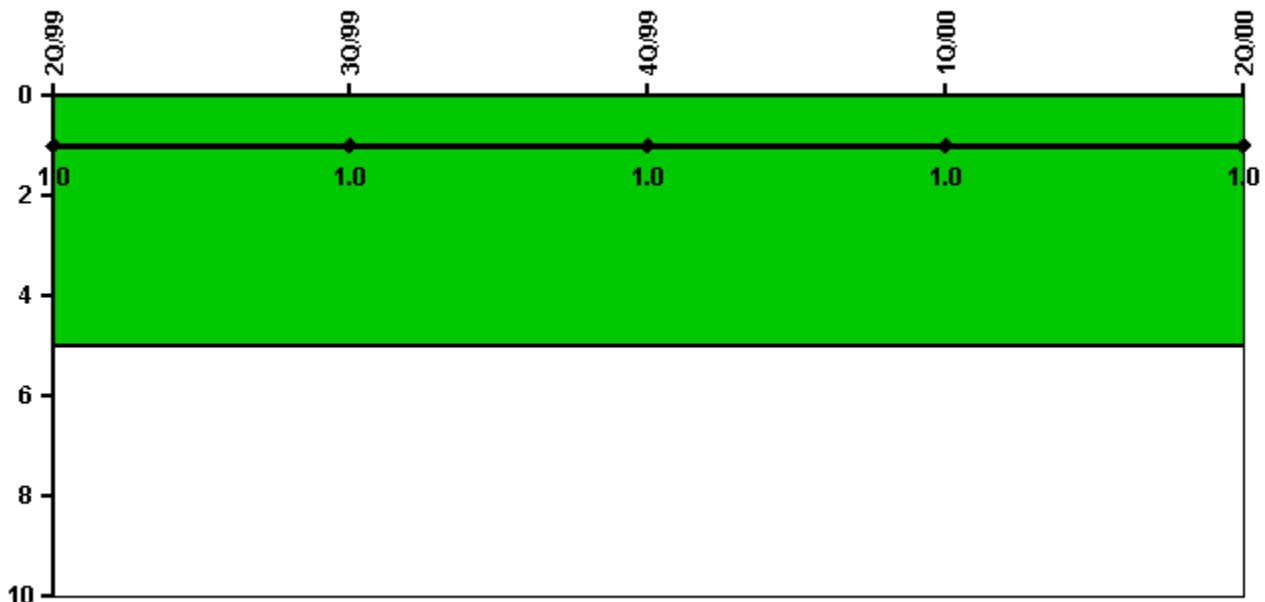
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	0	1.80	0	2.30	0
Unplanned unavailable hours	17.80	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	2035.00
Train 2					
Planned unavailable hours	1.40	0	5.50	0	3.70
Unplanned unavailable hours	0	2.00	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2035.00
Indicator value	0.3%	0.3%	0.3%	0.3%	0.3%

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

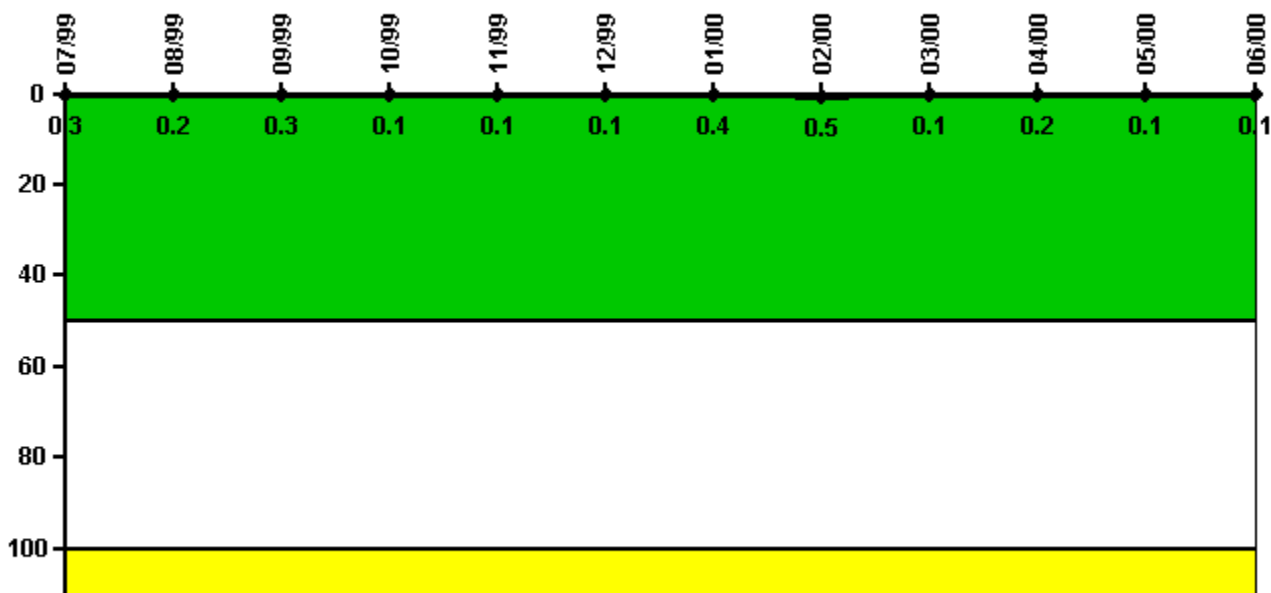
Notes

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

Licensee Comments:

2Q/00: A CSIP failed to start due to breaker mis-alignment on May 3, 2000 during testing.

Reactor Coolant System Activity



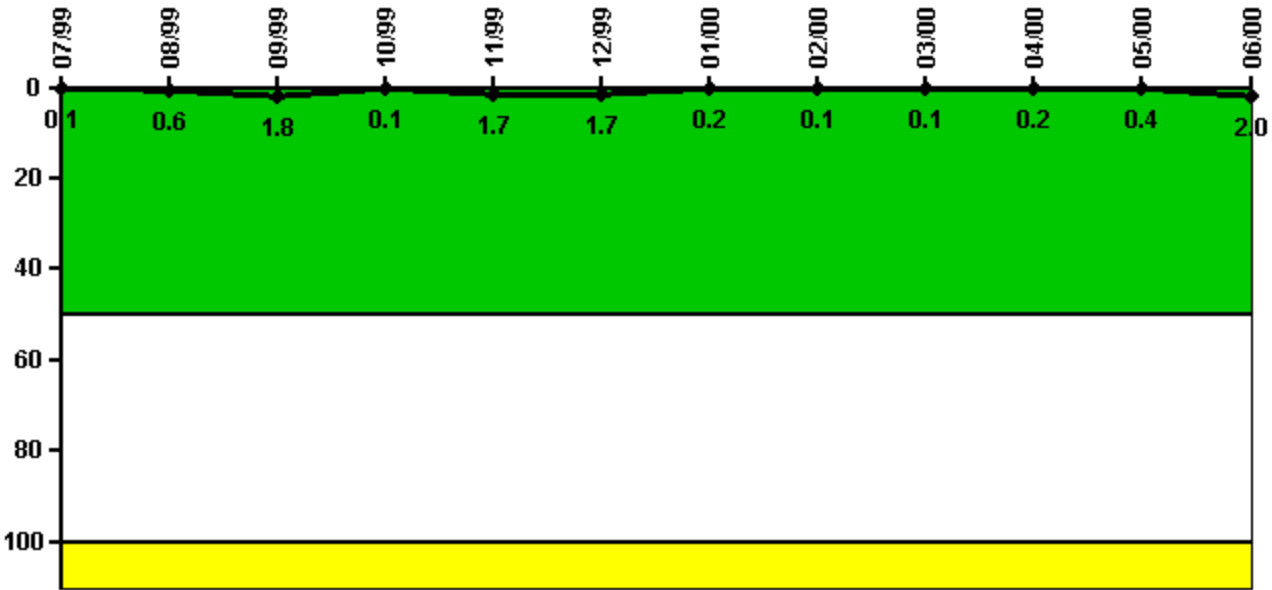
Thresholds: White > 50.0 Yellow > 100.0

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	0.002900	0.002140	0.002560	0.001046	0.001041	0.001084	0.003602	0.004650	0.001196	0.002300	0.000587	0.001428
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.3	0.2	0.3	0.1	0.1	0.1	0.4	0.5	0.1	0.2	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



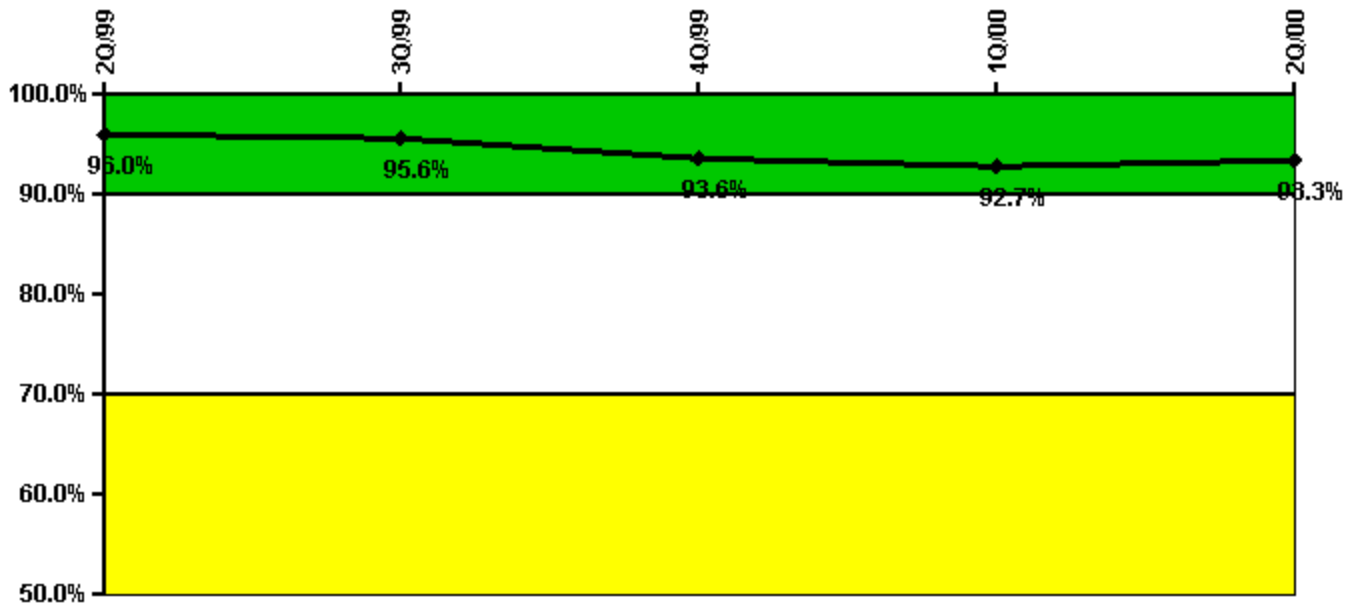
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/99	8/99	9/99	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00
Maximum leakage	0.010	0.060	0.180	0.010	0.170	0.170	0.020	0.010	0.010	0.020	0.040	0.200
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.6	1.8	0.1	1.7	1.7	0.2	0.1	0.1	0.2	0.4	2.0

Licensee Comments: none

Drill/Exercise Performance



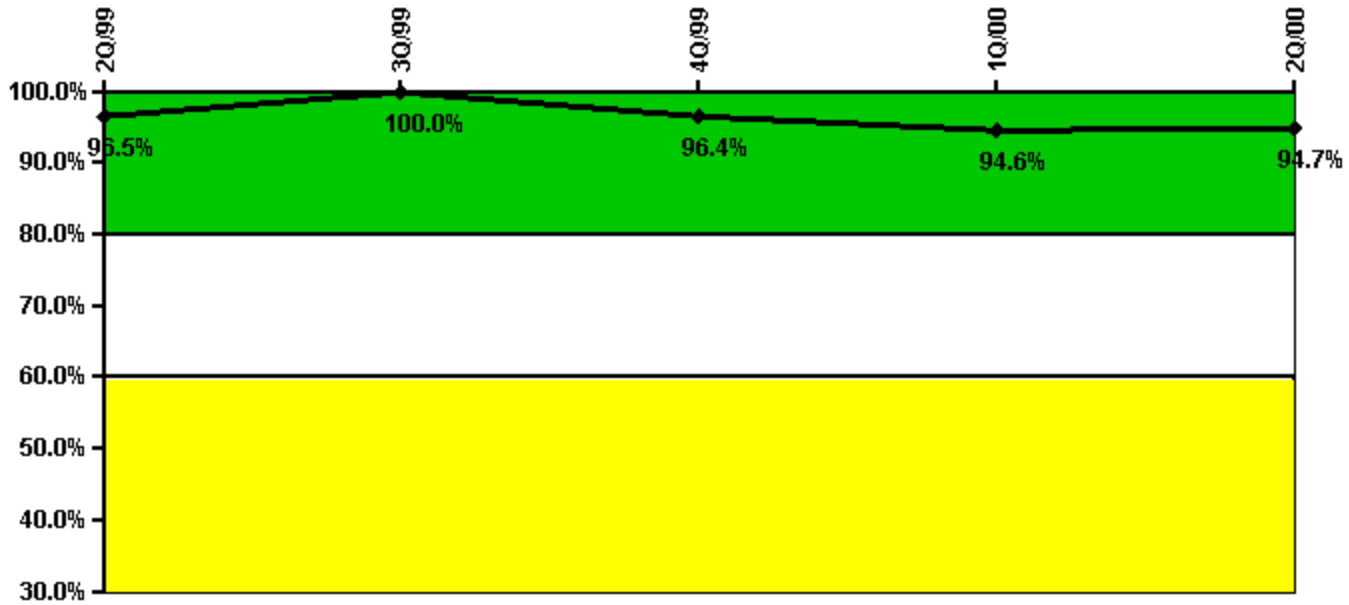
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Successful opportunities	83.0	17.0	52.0	43.0	37.0
Total opportunities	88.0	17.0	58.0	48.0	38.0
Indicator value	96.0%	95.6%	93.6%	92.7%	93.3%

Licensee Comments: none

ERO Drill Participation



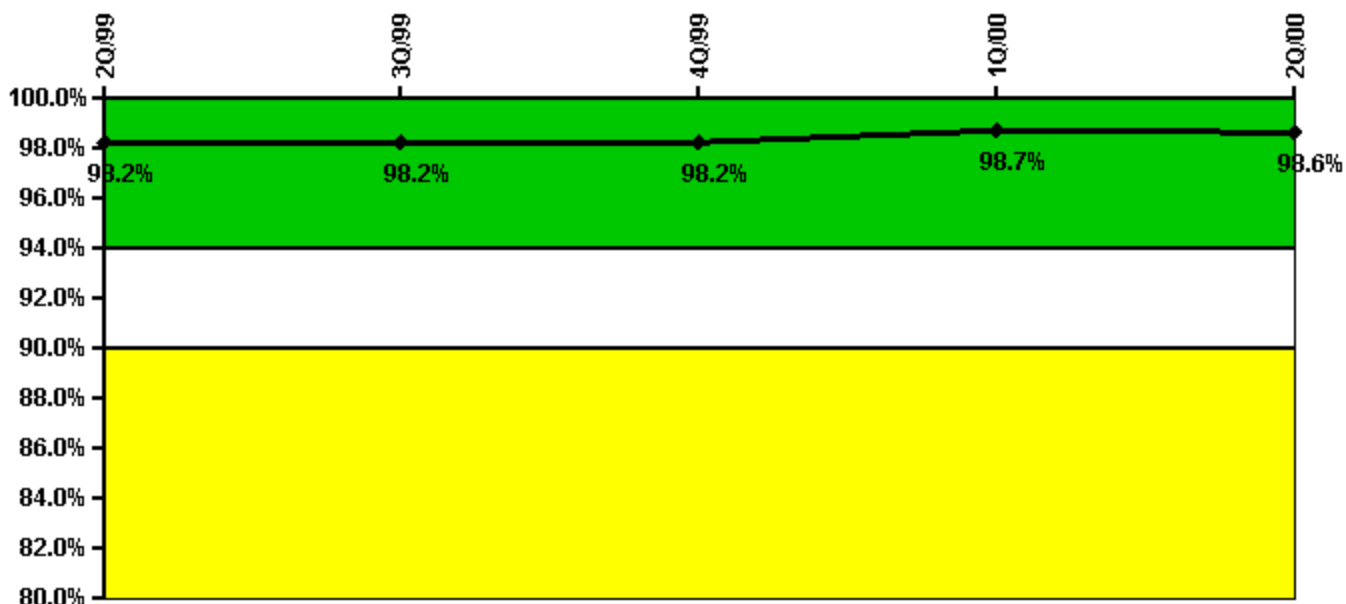
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Participating Key personnel	111.0	121.0	54.0	53.0	54.0
Total Key personnel	115.0	121.0	56.0	56.0	57.0
Indicator value	96.5%	100.0%	96.4%	94.6%	94.7%

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

Notes

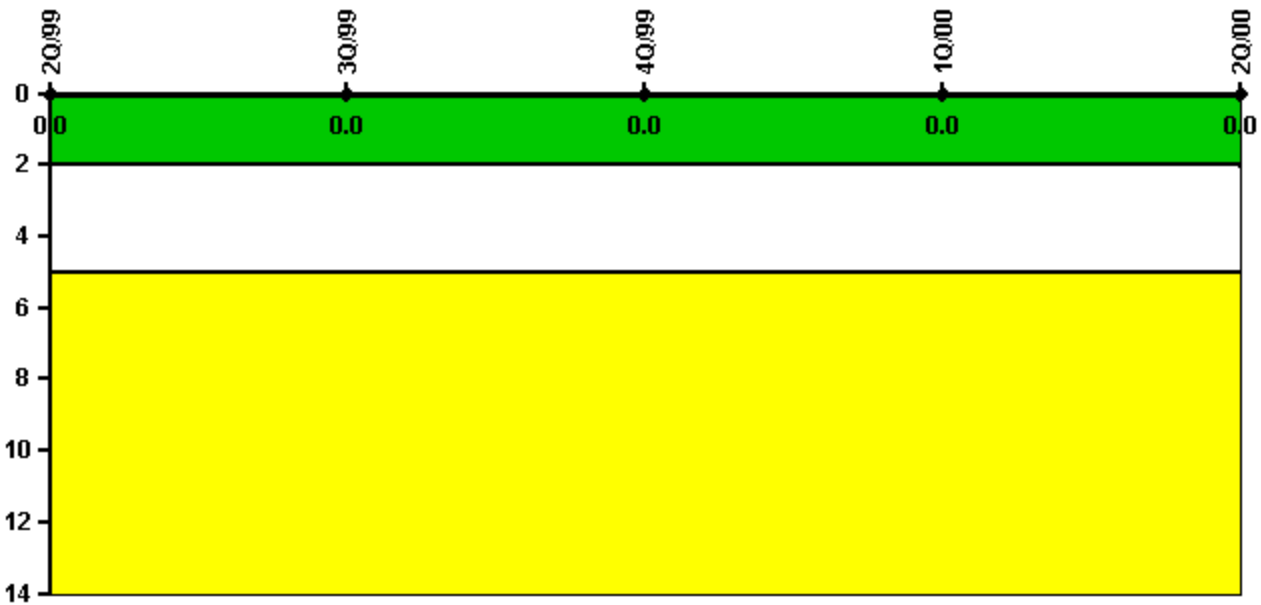
Alert & Notification System	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Successful siren-tests	558	719	477	645	554
Total sirens-tests	567	729	486	648	567
Indicator value	98.2%	98.2%	98.2%	98.7%	98.6%

Licensee Comments:

2Q/00: Data correction for failure of siren #19. Corrected for Growl Test in Feb, May, Aug and Nov, also Full Volume test in Oct.

1Q/00: Data correction for failure of siren #19. Corrected for Growl Test in Feb, May, Aug and Nov, also Full Volume test in Oct.

Occupational Exposure Control Effectiveness



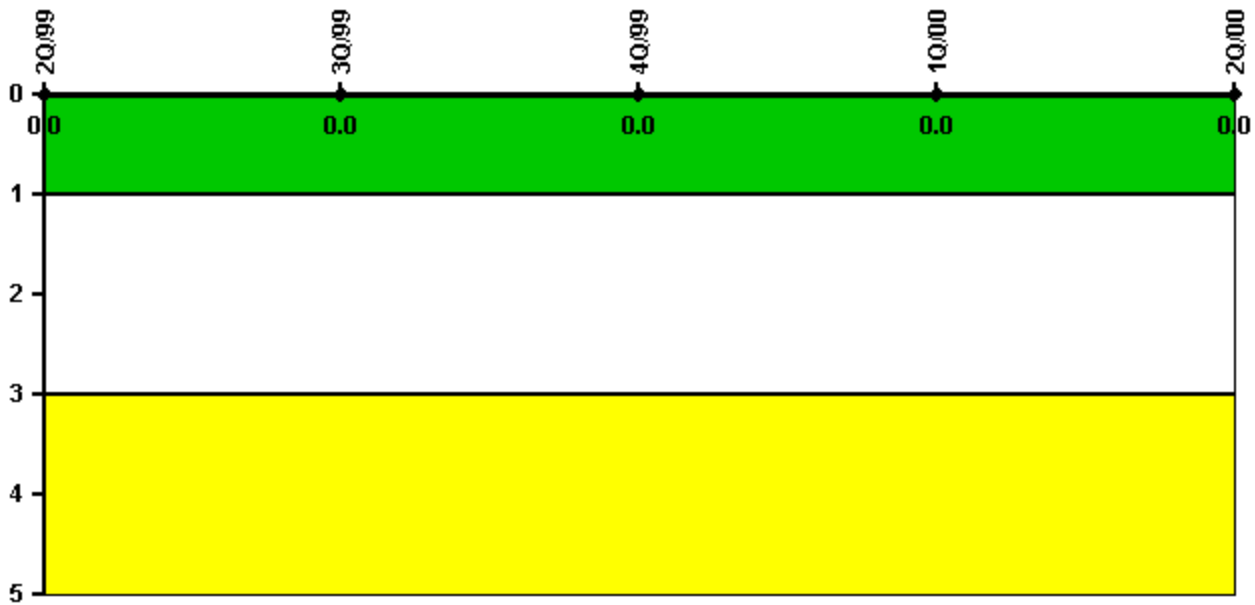
Thresholds: White > 2.0 Yellow > 5.0

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



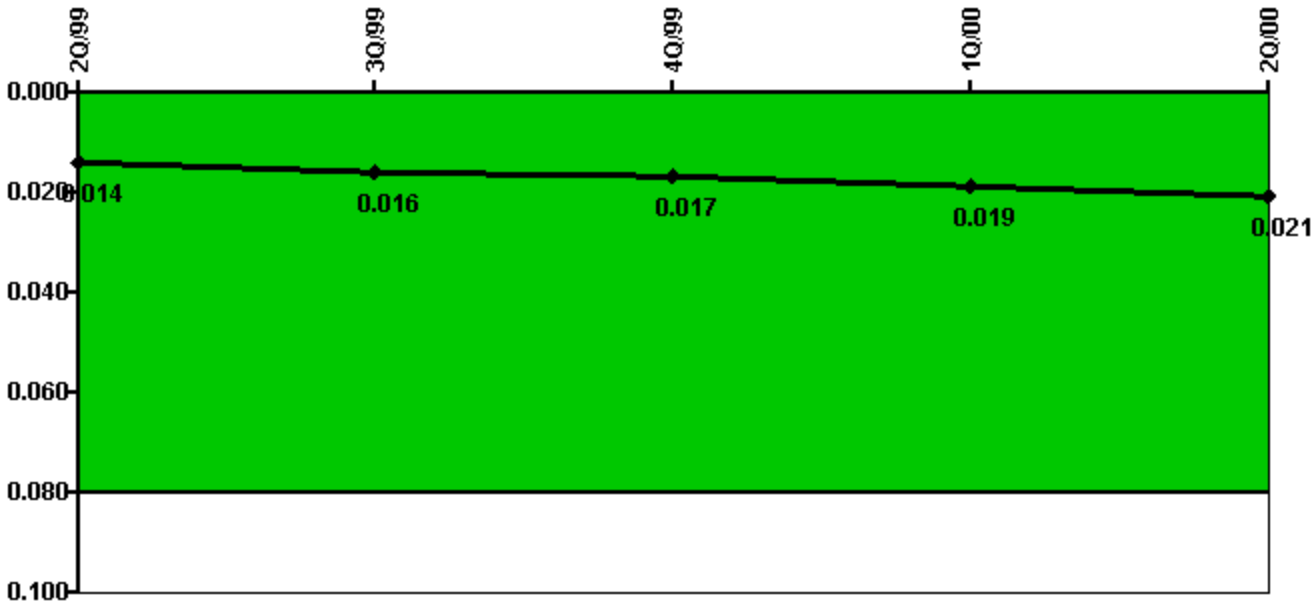
Thresholds: White > 1.0 Yellow > 3.0

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



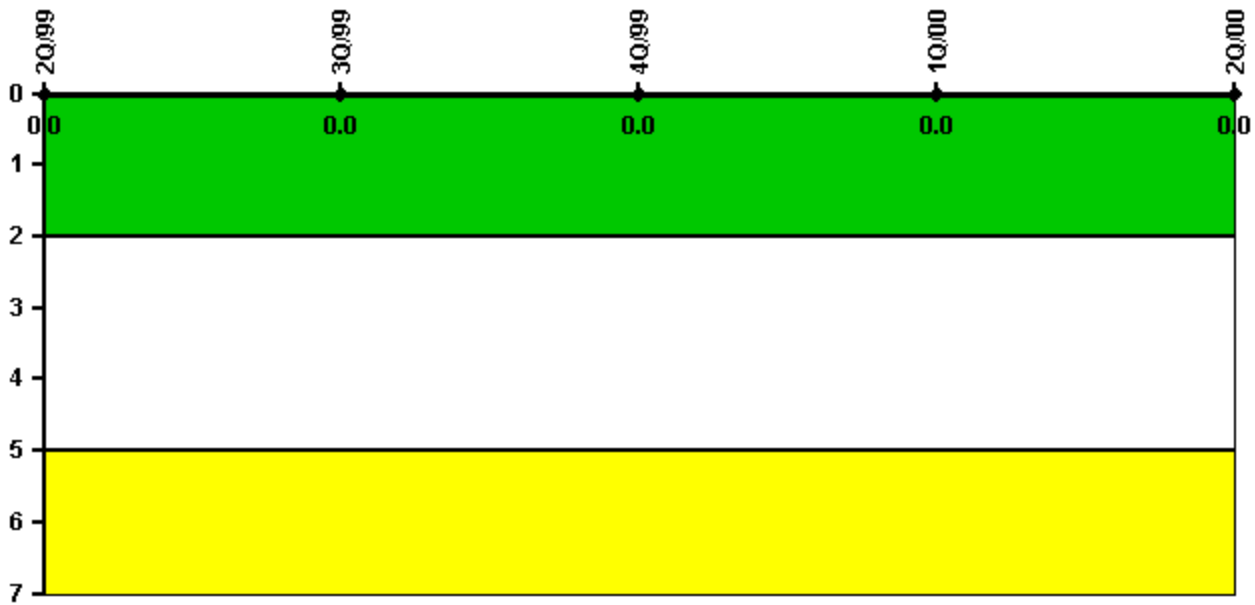
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
IDS compensatory hours	11.50	348.30	129.20	264.20	101.92
CCTV compensatory hours	0.8	100.2	0	0	0
IDS normalization factor	2.85	2.85	2.85	2.85	2.85
CCTV normalization factor	1.4	1.4	1.4	1.4	1.4
Index Value	0.014	0.016	0.017	0.019	0.021

Licensee Comments: none

Personnel Screening Program



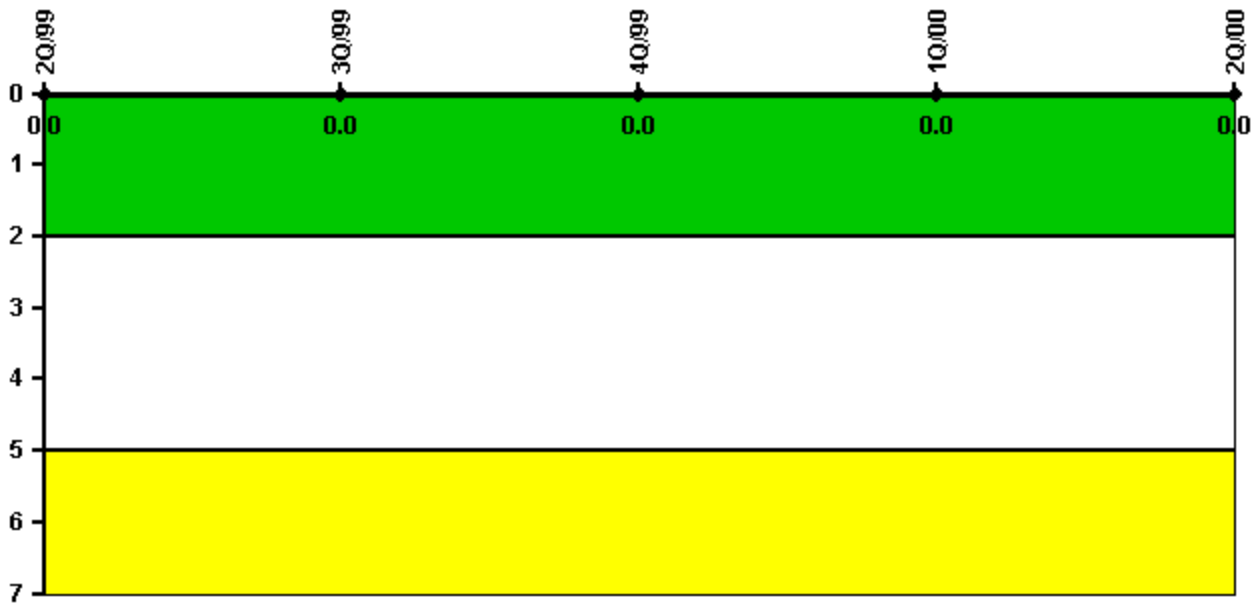
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

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

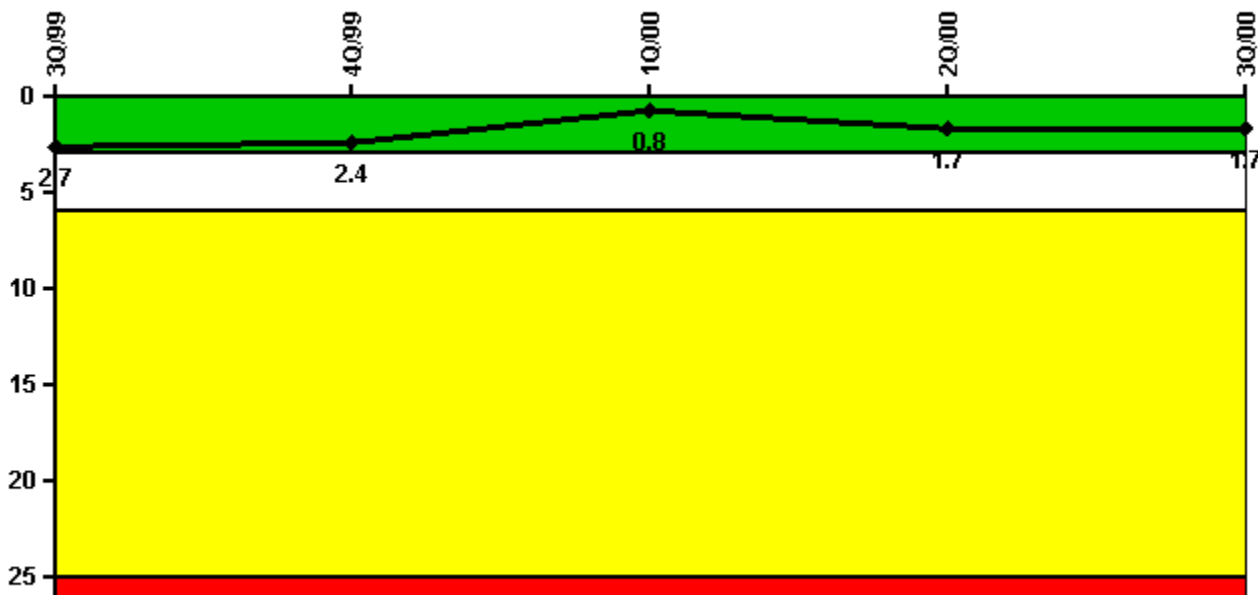
Last Modified: April 1, 2002

Harris 1

3Q/2000 Performance Indicators

Licensee's General Comments: (1)Moved SSFF reported Q3/2000 to Q4/2000 when LER was submitted. Change does not affect PI color.

Unplanned Scrams per 7000 Critical Hrs



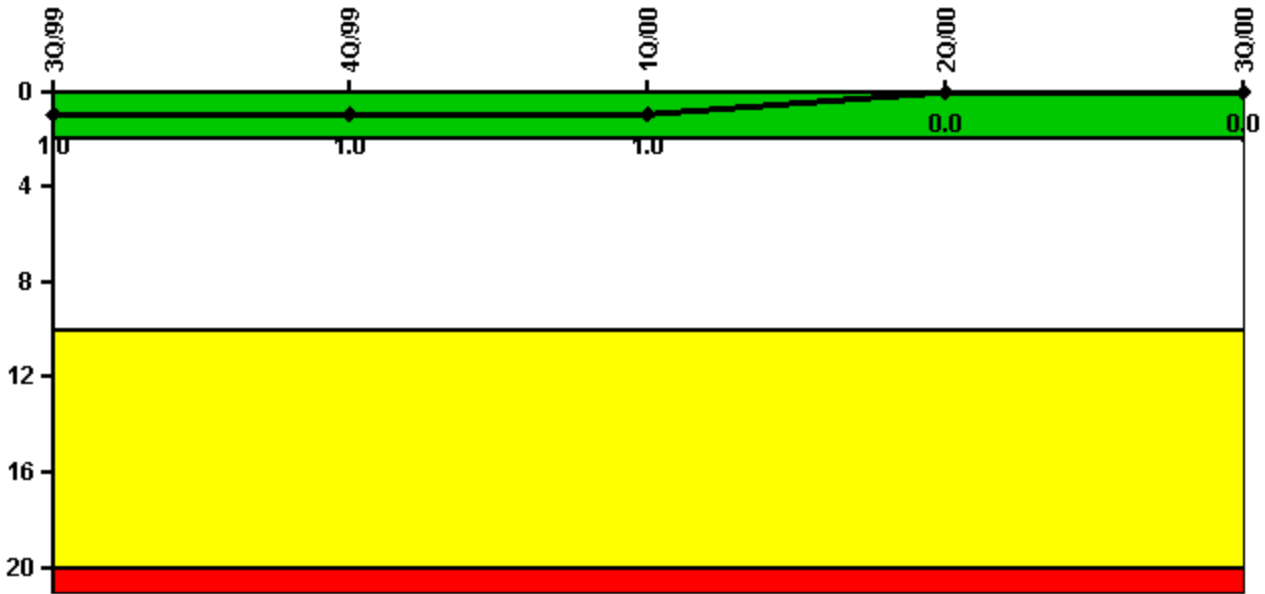
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Unplanned scrams	0	1.0	0	1.0	0
Critical hours	2208.0	2185.4	2184.0	1526.7	2208.0
Indicator value	2.7	2.4	0.8	1.7	1.7

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



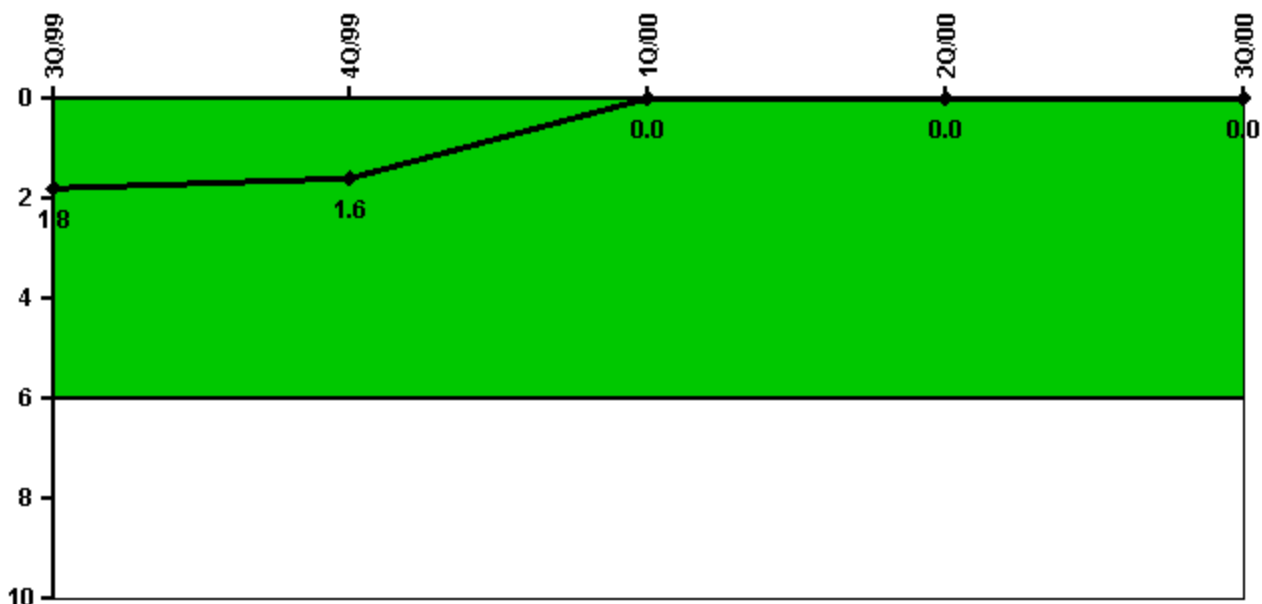
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Scrams	0	0	0	0	0
Indicator value	1.0	1.0	1.0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



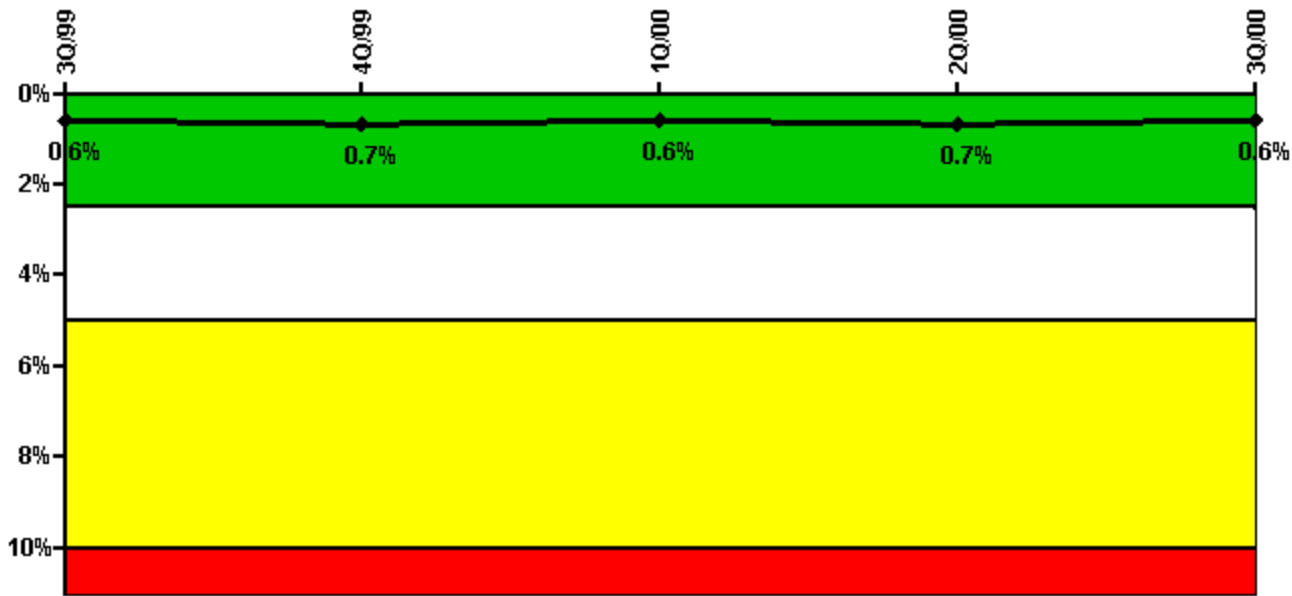
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Unplanned power changes	0	0	0	0	0
Critical hours	2208.0	2185.4	2184.0	1526.7	2208.0
Indicator value	1.8	1.6	0	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



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

Notes

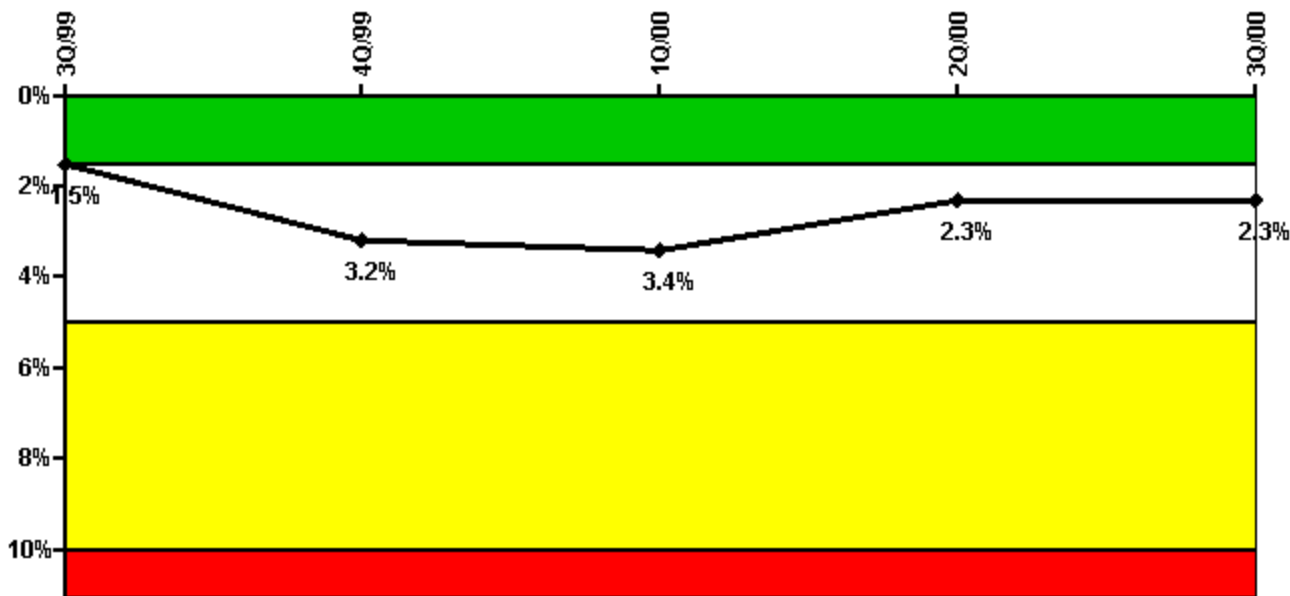
Safety System Unavailability, Emergency AC Power	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	15.90	0	18.20	2.20	19.85
Unplanned unavailable hours	0	0	0	2.00	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	1881.50	2208.00
Train 2					
Planned unavailable hours	0	34.80	2.30	28.50	7.84
Unplanned unavailable hours	0	0	0	2.80	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	1942.80	2208.00
Indicator value	0.6%	0.7%	0.6%	0.7%	0.6%

Licensee Comments:

3Q/00: Corrected September Train 2 planned data to show additional .01 that was previously dropped due to a rounding error. No impact on color.

2Q/00: Corrected May Train 1 planned and unplanned data to reflect revised support system data. No change to indicator color. Corrected April Train 2 unplanned data to reflect revision of support system data.

Safety System Unavailability, High Pressure Injection System (HPSI)



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

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	11.57	5.22	1.18	0.45	7.03
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	842.84	0	0	0
Effective Reset hours	0	0	0	485.93	0
Required hours	2208.00	2209.00	2184.00	1832.00	2208.00
Train 2					
Planned unavailable hours	12.20	6.80	7.98	0.25	4.75
Unplanned unavailable hours	5.50	0	0.77	0	0
Fault exposure hours	0	0	97.05	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	1832.00	2208.00
Indicator value	1.5%	3.2%	3.4%	2.3%	2.3%

Licensee Comments:

3Q/00: This PI has changed substantially due to a revision to Q2/1999, Q4/1999, and Q1/2000 data. The changes were done as a result of the discovery of internal damage to the substitute pump that had been used in place of the normal pumps for each train for some portion of each of these quarters. Reference: HNP LER # 2000-007 rev. 0

1Q/00: Q1/2000 Data revised due to the discovery of internal pump damage on the replacement pump being used to substitute for the normal CSIP on B train. Revised on 10/20/00***On September 4th, 2000 it was determined that C CSIP had experienced bearing damage sometime since May 1999. Therefore, all hours that the C CSIP was in service for B CSIP during Q1/2000 are being counted as Unplanned Unavailable. Revised 04/21/01 after final determination was reached on the appropriate way to account for bearing failure.***Revised for Q2/2001 submittal to make all C CSIP unplanned unavailable hours fault exposure hours after thorough review with NRC and NEI over fault exposure definition. No impact on indicator color due to this change.

1Q/00: Q1/2000 Data revised due to the discovery of internal pump damage on the replacement pump being used to substitute for the normal CSIP on B train. Revised on 10/20/00

4Q/99: High Pressure Injection unavailability data revised for 4th quarter 1998 and 1st and 2nd quarters 1999 based on recent data validation. There was no resulting change in indicator values, and no thresholds were impacted. Additional historical data corrections are being investigated and will be reported as appropriate in future submittals. High Pressure Injection unavailability data through 4th quarter 1999 was determined based on NEI 99-02 Draft Rev. B guidance. *** Q4/1999 Data revised 10/20/00 due to discovery of replacement pump internal damage which has been determined to have been in service for the normal pump while damaged for a significant portion of Nov. and Dec. 1999***On September 4th, 2000 it was determined that C CSIP had experienced bearing damage sometime since May 1999. Therefore, all hours that the C CSIP was in service for A CSIP are being counted as Unplanned Unavailable. Revised 04/21/01 after final determination was reached on the appropriate way to account for bearing failure. Revised for Q2/2001 submittal to make all C CSIP unplanned unavailable hours fault exposure hours after thorough review with NRC and NEI over fault exposure definition. No impact on indicator color due to this change.

4Q/99: High Pressure Injection unavailability data revised for 4th quarter 1998 and 1st and 2nd quarters 1999 based on recent data validation. There was no resulting change in indicator values, and no thresholds were impacted. Additional historical data corrections are being investigated and will be reported as appropriate in future submittals. High Pressure Injection unavailability data through 4th quarter 1999 was determined based on NEI 99-02 Draft Rev. B guidance. *** Q4/1999 Data revised 10/20/00 due to discovery of replacement pump internal damage which has been determined to have been in service for the normal pump while damaged for a significant portion of Nov. and Dec. 1999

3Q/99: Corrected for additional 5.87hrs of planned unavailability for 9/22/99 for AH9A breaker being open. (4/21/01)

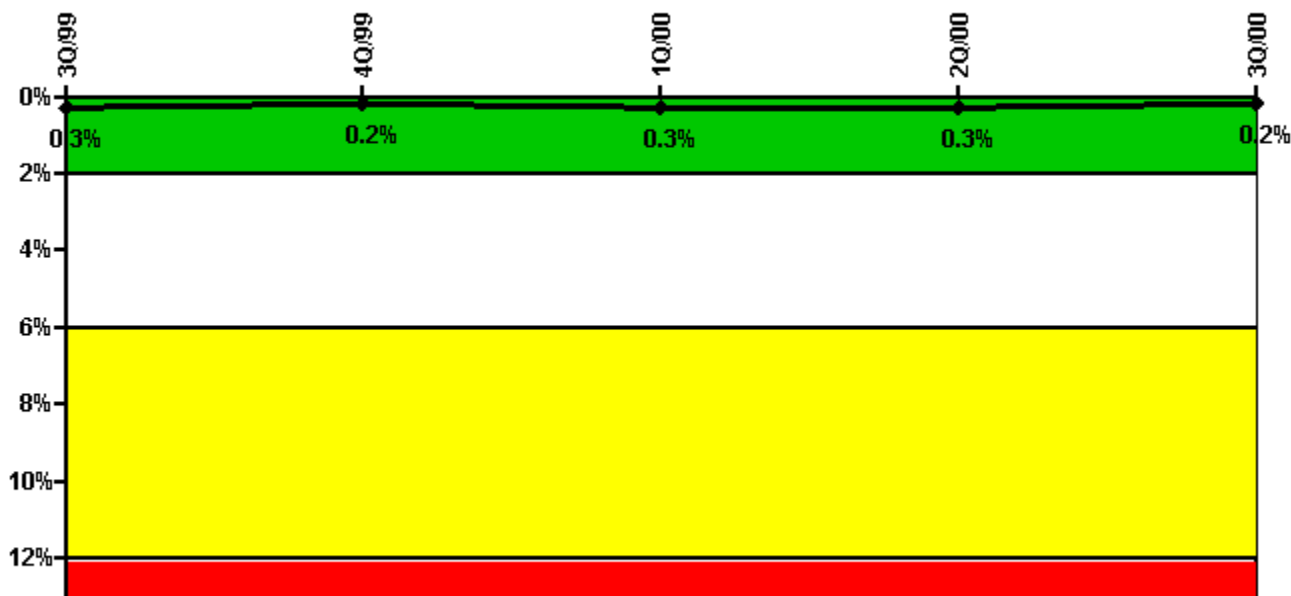
2Q/99: On September 4th, 2000 it was determined that C CSIP had experienced bearing damage sometime since May 1999. Since C CSIP only served as a replacement for A CSIP some of the time during this period the rules for reporting are unclear. Therefore, all hours that the C CSIP was in service for A CSIP are being counted as Fault Exposure Time instead of half until a response can be obtained on a more correct way to determine Fault Exposure Time for this unique situation. Revised 10/20/00

2Q/99: On September 4th, 2000 it was determined that C CSIP had experienced bearing damage sometime since May 1999. Therefore, all hours that the C CSIP was in service for A CSIP are being counted as Unplanned Unavailable. Revised 04/21/01 after final determination was reached on the appropriate way to account for bearing failure. Revised for Q2/2001 submittal to make all C CSIP unplanned unavailable hours fault exposure hours after thorough review with NRC and NEI over fault exposure definition. No impact on indicator color due to this change.

Effective Reset Comments:

2Q/00: Criteria has been met for reset of FE hours.

Safety System Unavailability, Heat Removal System (AFW)



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

Notes

Safety System Unavailability, Heat Removal System (AFW)	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	1.05	0	0	9.00	0
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	1589.88	2208.00
Train 2					
Planned unavailable hours	0	0	6.25	0	0
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	1589.88	2208.00
Train 3					
Planned unavailable hours	2.70	0	12.09	8.25	10.92
Unplanned unavailable hours	0	0	6.52	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	1589.88	2208.00
Indicator value	0.3%	0.2%	0.3%	0.3%	0.2%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



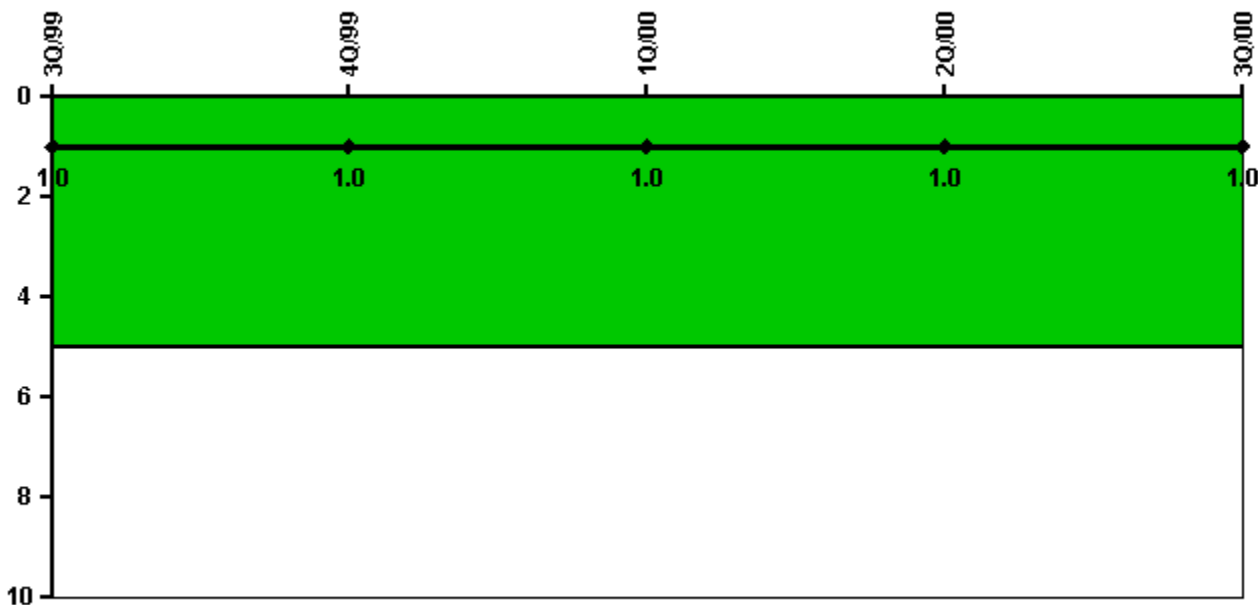
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	1.80	0	2.30	0	10.50
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2035.00	2208.00
Train 2					
Planned unavailable hours	0	5.50	0	3.70	0
Unplanned unavailable hours	2.00	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2035.00	2208.00
Indicator value	0.3%	0.3%	0.3%	0.3%	0.3%

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

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

Indicator value	1	1	1	1	1
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Licensee Comments:

3Q/00: SSFF was reported in wrong Qtr. Moved to 4th Qtr (Oct.) when LER was submitted to document failure.

3Q/00: Functional failure discovered for C CSIP. C CSIP is a standby pump and is in service only intermittently for A or B Train. Ref. LER # 2000-007 rev. 0.

Reactor Coolant System Activity



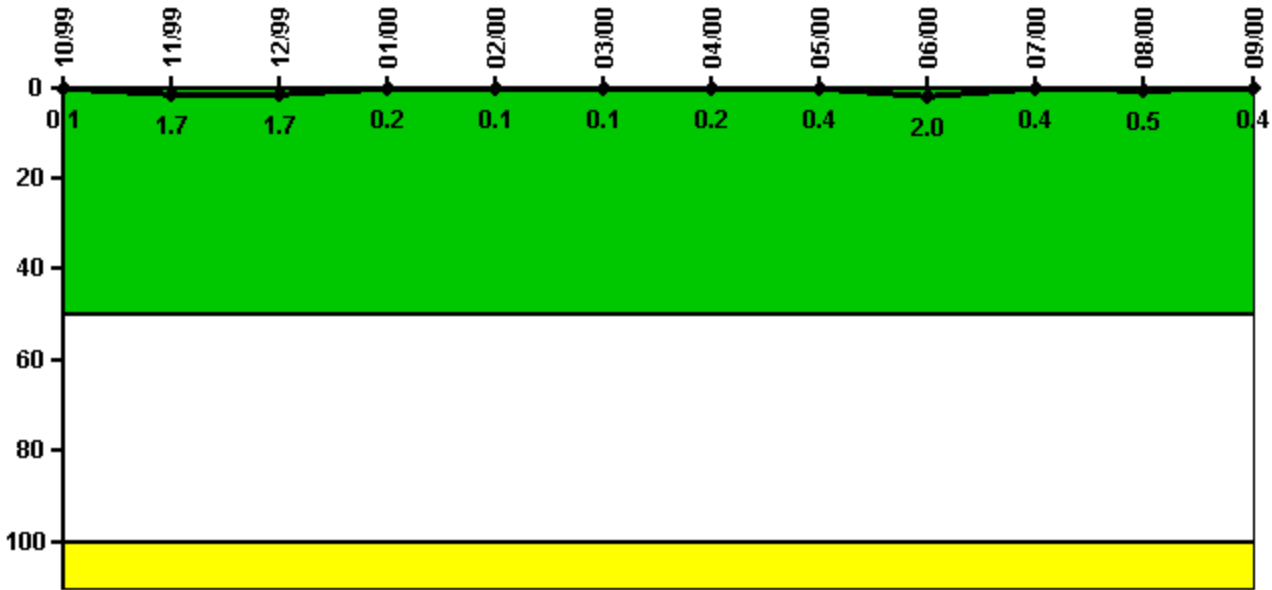
Thresholds: White > 50.0 Yellow > 100.0

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	0.001046	0.001041	0.001084	0.003602	0.004650	0.001196	0.002300	0.000587	0.001428	0.000636	0.000671	0.000669
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.4	0.5	0.1	0.2	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



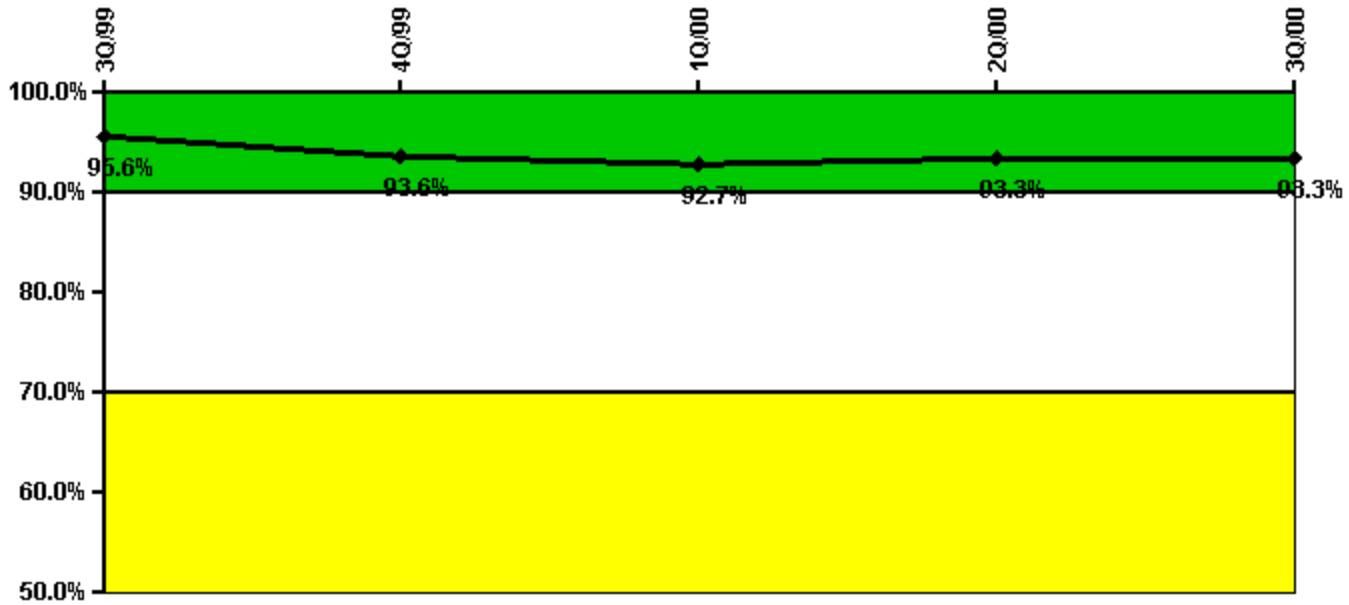
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum leakage	0.010	0.170	0.170	0.020	0.010	0.010	0.020	0.040	0.200	0.040	0.050	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	1.7	1.7	0.2	0.1	0.1	0.2	0.4	2.0	0.4	0.5	0.4

Licensee Comments: none

Drill/Exercise Performance



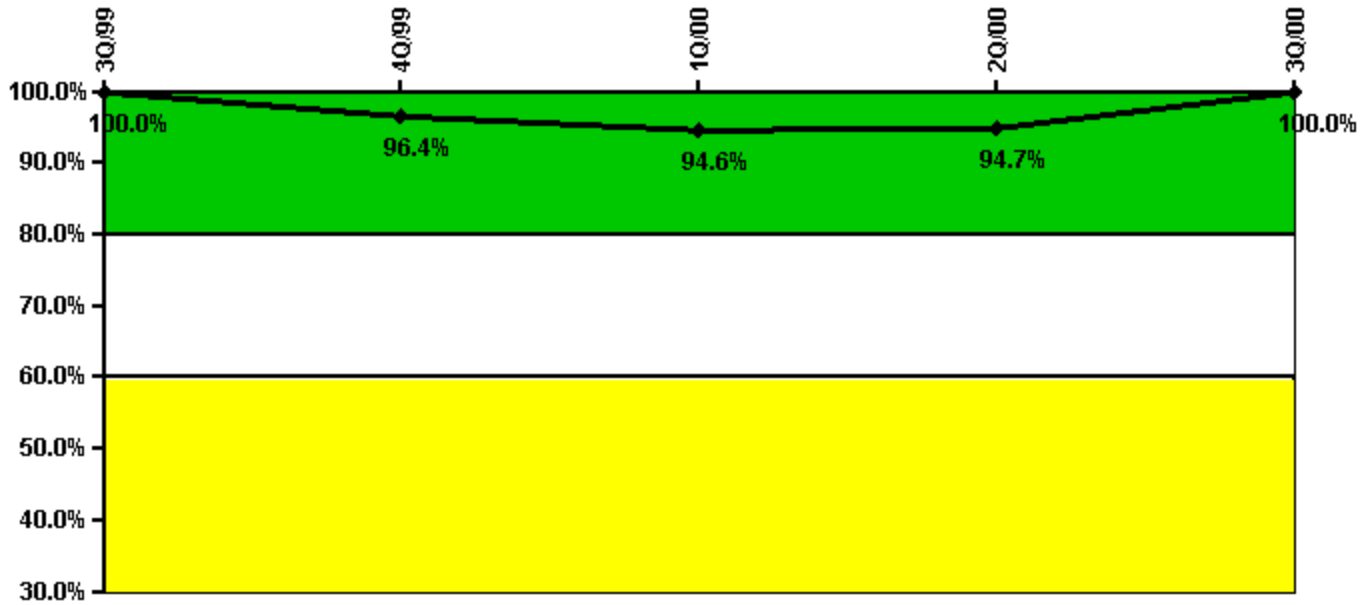
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Successful opportunities	17.0	52.0	43.0	37.0	13.0
Total opportunities	17.0	58.0	48.0	38.0	14.0
Indicator value	95.6%	93.6%	92.7%	93.3%	93.3%

Licensee Comments: none

ERO Drill Participation



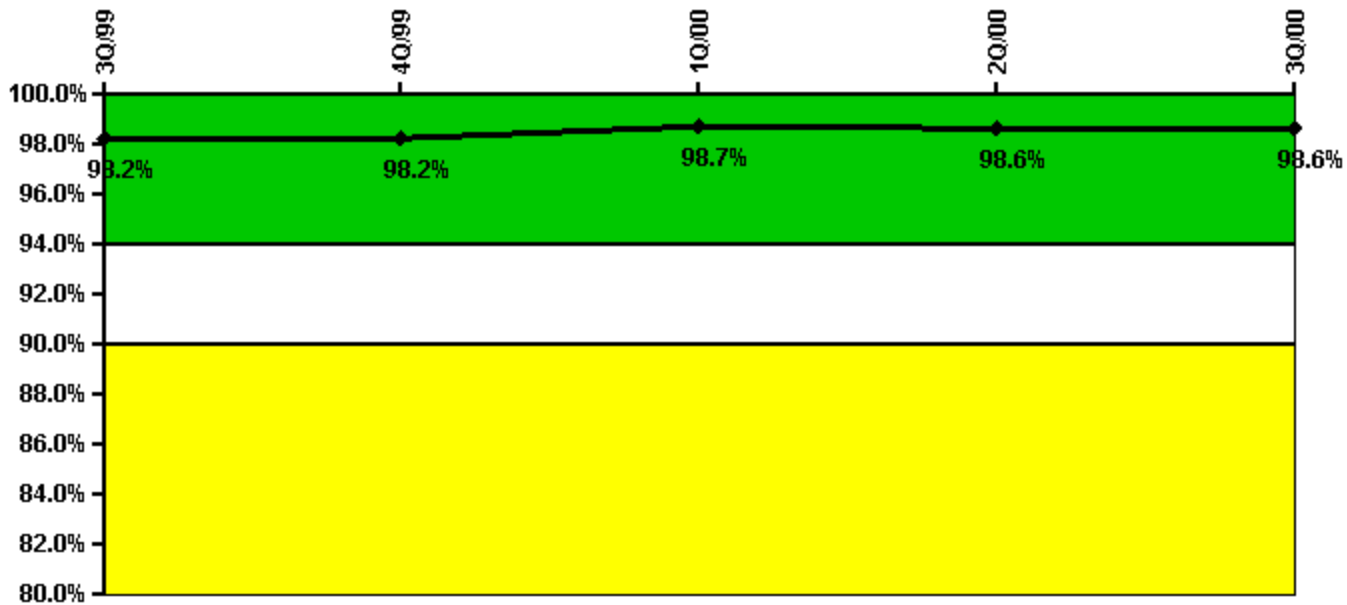
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Participating Key personnel	121.0	54.0	53.0	54.0	40.0
Total Key personnel	121.0	56.0	56.0	57.0	40.0
Indicator value	100.0%	96.4%	94.6%	94.7%	100.0%

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Successful siren-tests	719	477	645	554	640
Total sirens-tests	729	486	648	567	648
Indicator value	98.2%	98.2%	98.7%	98.6%	98.6%

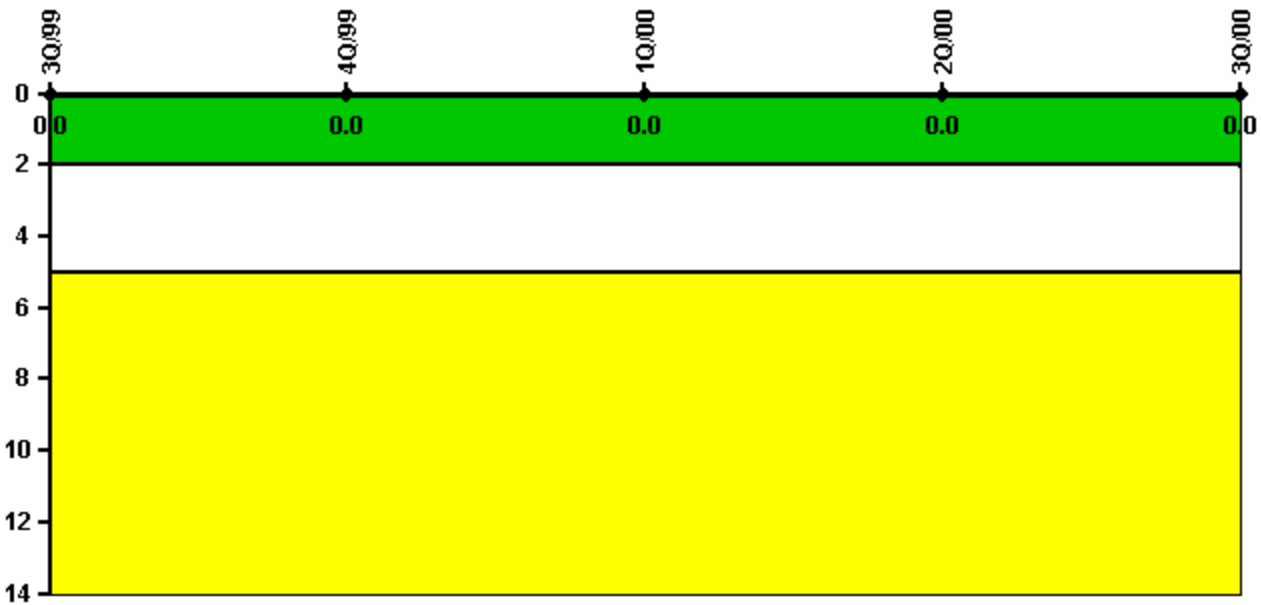
Licensee Comments:

3Q/00: Data correction for failure of siren #19. Corrected for Growl Test in Feb, May, Aug and Nov, also Full Volume test in Oct.

2Q/00: Data correction for failure of siren #19. Corrected for Growl Test in Feb, May, Aug and Nov, also Full Volume test in Oct.

1Q/00: Data correction for failure of siren #19. Corrected for Growl Test in Feb, May, Aug and Nov, also Full Volume test in Oct.

Occupational Exposure Control Effectiveness



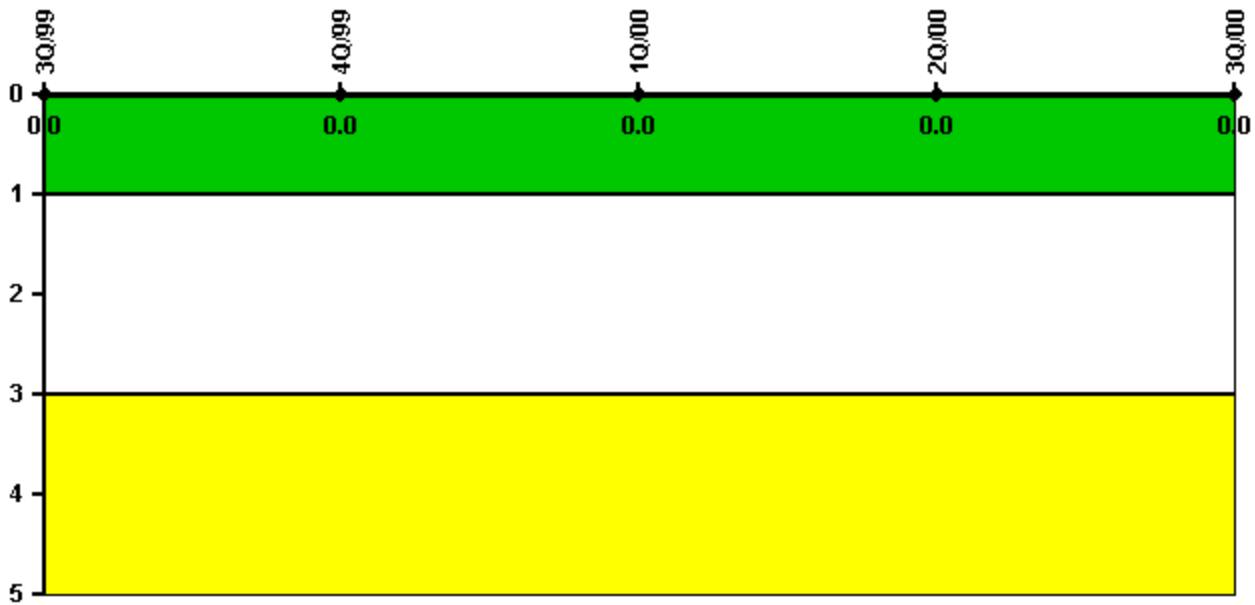
Thresholds: White > 2.0 Yellow > 5.0

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



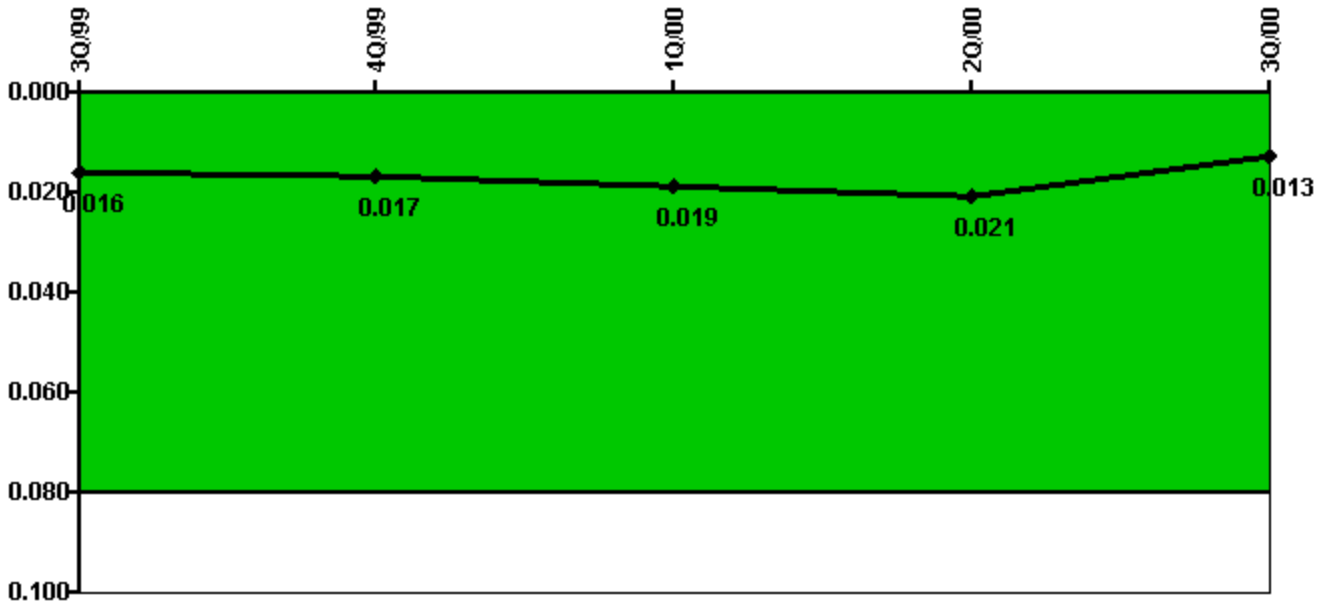
Thresholds: White > 1.0 Yellow > 3.0

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



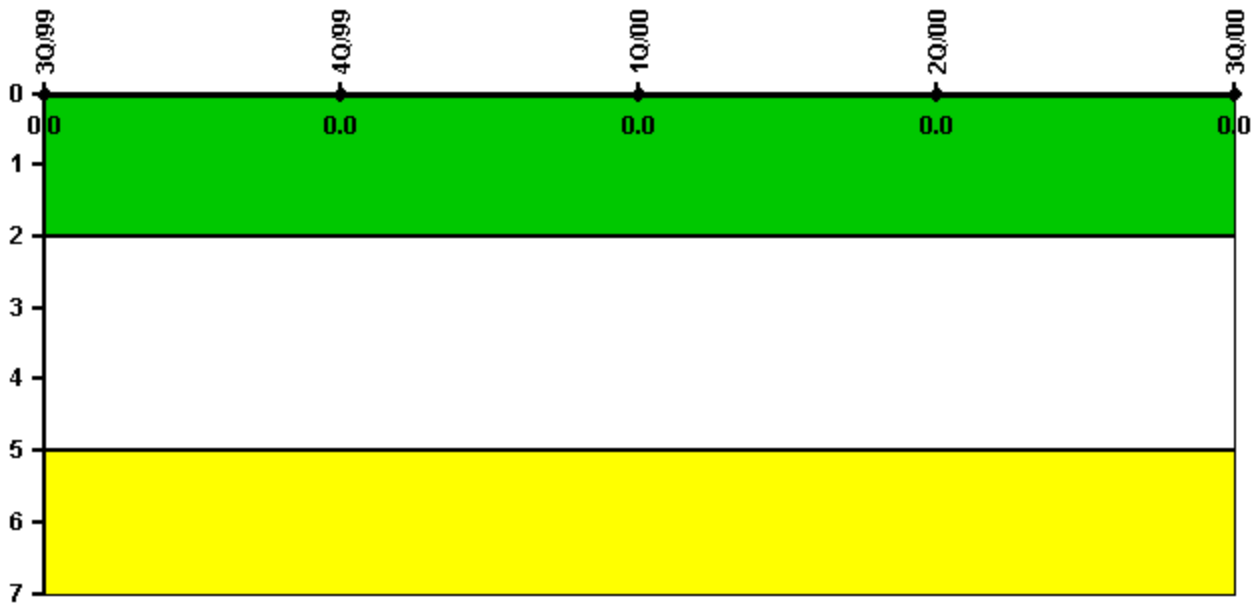
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
IDS compensatory hours	348.30	129.20	264.20	101.92	128.85
CCTV compensatory hours	100.2	0	0	0	0
IDS normalization factor	2.85	2.85	2.85	2.85	2.85
CCTV normalization factor	1.4	1.4	1.4	1.4	1.4
Index Value	0.016	0.017	0.019	0.021	0.013

Licensee Comments: none

Personnel Screening Program



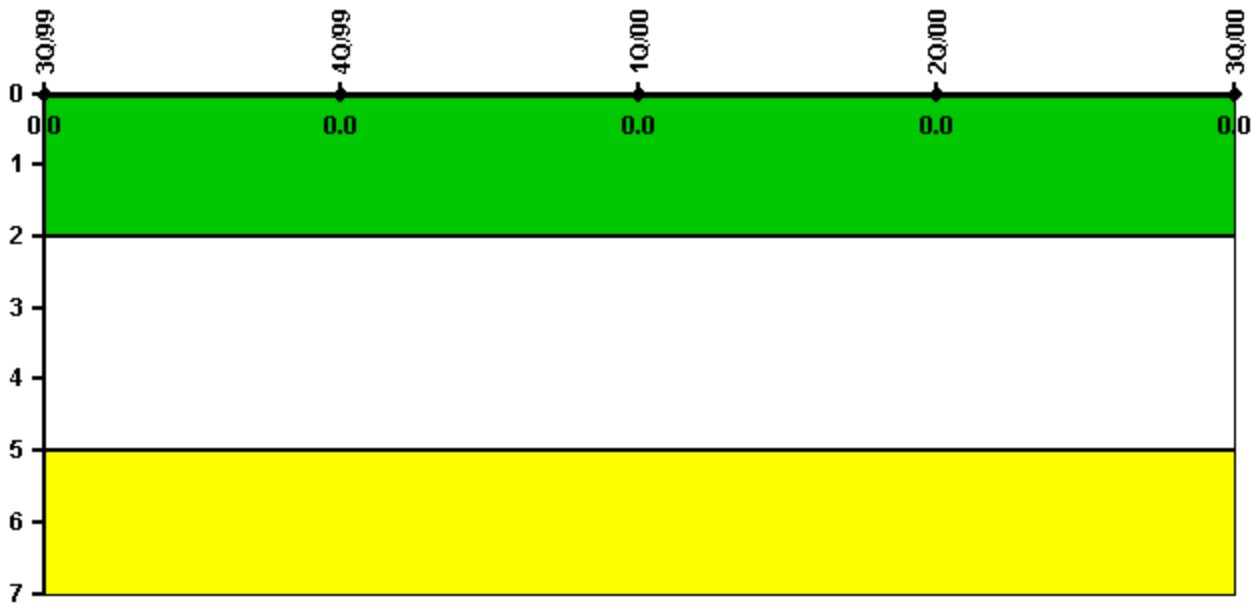
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

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

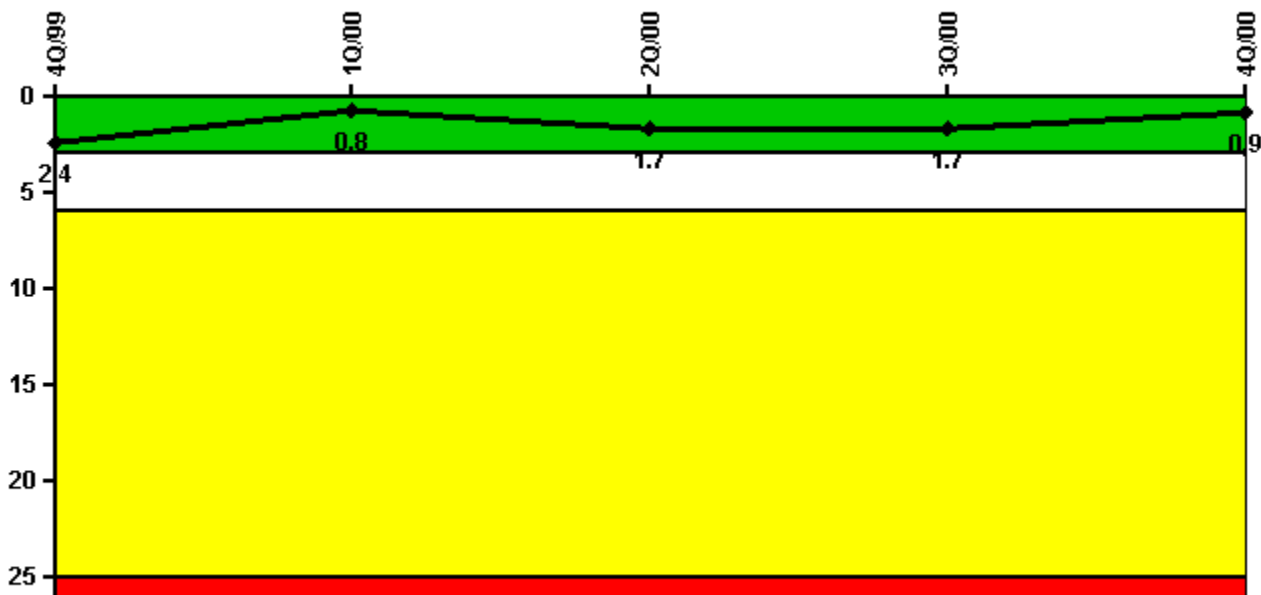
Last Modified: March 29, 2002

Harris 1

4Q/2000 Performance Indicators

Licensee's General Comments: Submittal includes corrections to data elements identified within the report.

Unplanned Scrams per 7000 Critical Hrs



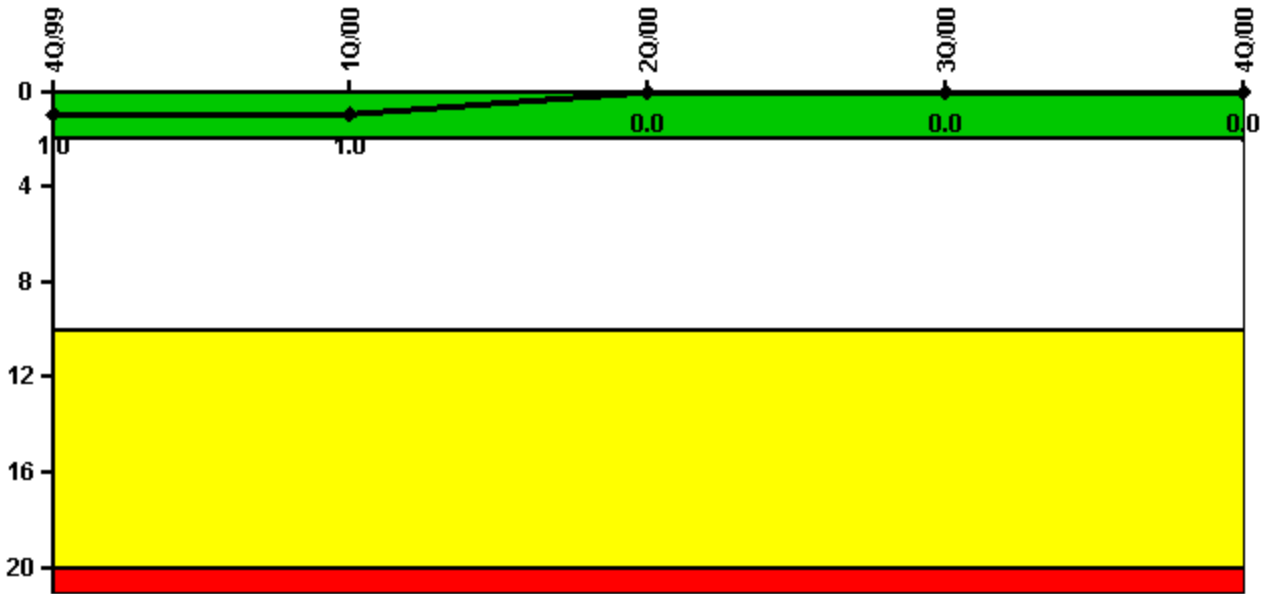
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Unplanned scrams	1.0	0	1.0	0	0
Critical hours	2185.4	2184.0	1526.7	2208.0	2209.0
Indicator value	2.4	0.8	1.7	1.7	0.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



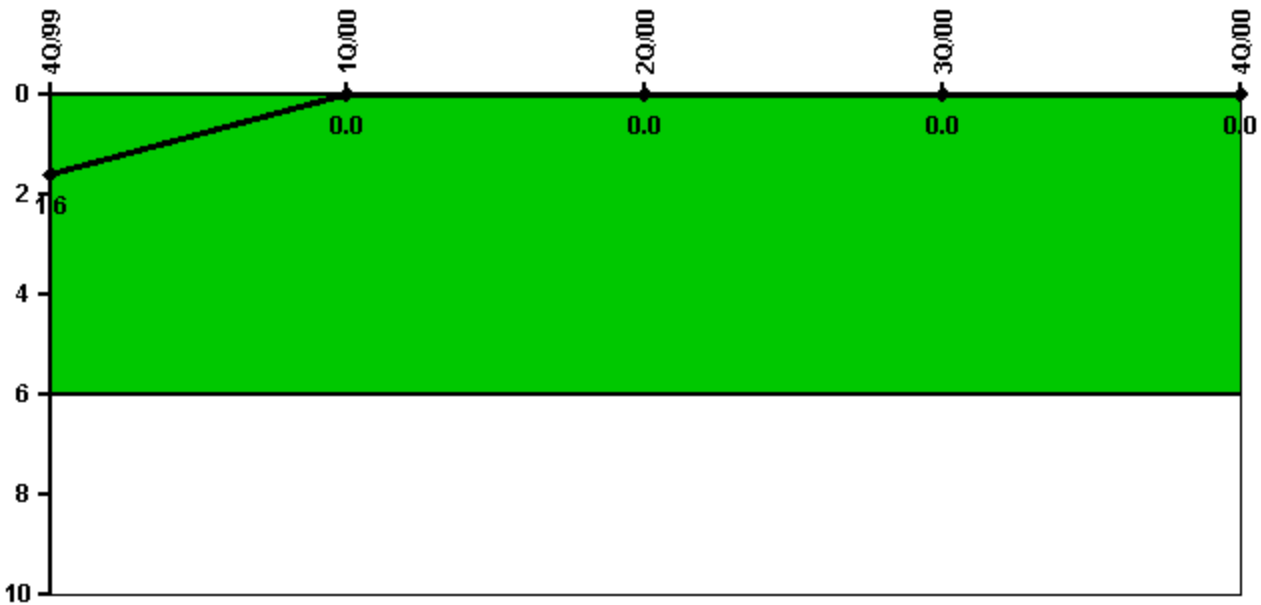
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Scrams	0	0	0	0	0
Indicator value	1.0	1.0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



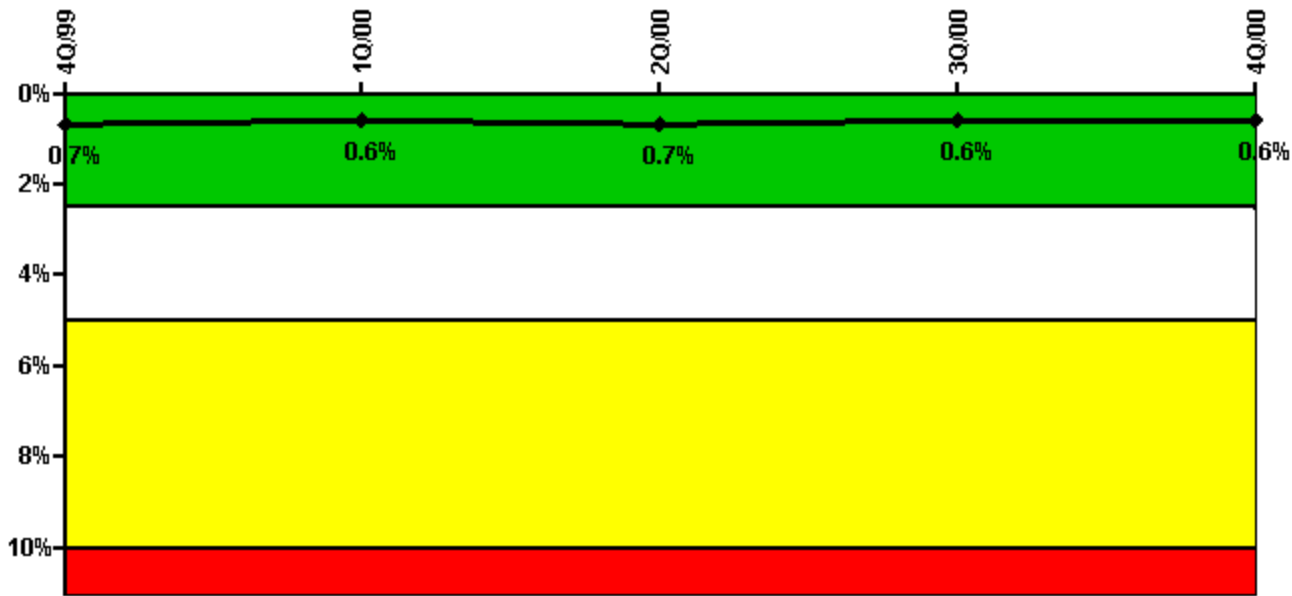
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Unplanned power changes	0	0	0	0	0
Critical hours	2185.4	2184.0	1526.7	2208.0	2209.0
Indicator value	1.6	0	0	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



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

Notes

Safety System Unavailability, Emergency AC Power	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	0	18.20	2.20	19.85	3.01
Unplanned unavailable hours	0	0	2.00	0	0.32
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	1881.50	2208.00	2209.00
Train 2					
Planned unavailable hours	34.80	2.30	28.50	7.84	2.51
Unplanned unavailable hours	0	0	2.80	0	0.75
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	1942.80	2208.00	2209.00
Indicator value	0.7%	0.6%	0.7%	0.6%	0.6%

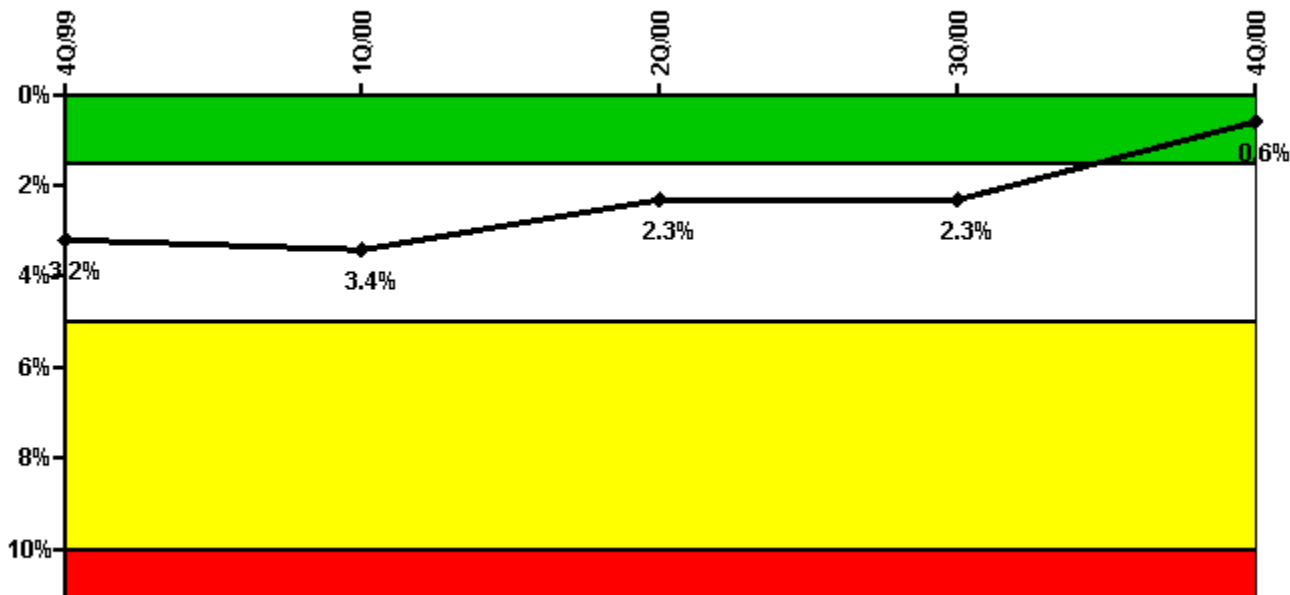
Licensee Comments:

4Q/00: Added .5 hours to B-Train planned unavailable hrs for 09/00, this does not change the indicator color. Added .3 hrs to A-Train planned unavailable hrs for 5/00, this does not change the indicator color.

3Q/00: Corrected September Train 2 planned data to show additional .01 that was previously dropped due to a rounding error. No impact on color.

2Q/00: Corrected May Train 1 planned and unplanned data to reflect revised support system data. No change to indicator color. Corrected April Train 2 unplanned data to reflect revision of support system data.

Safety System Unavailability, High Pressure Injection System (HPSI)



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

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	5.22	1.18	0.45	7.03	0.47
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	842.84	0	0	0	0
Effective Reset hours	0	0	485.93	0	842.84
Required hours	2209.00	2184.00	1832.00	2208.00	2209.00
Train 2					
Planned unavailable hours	6.80	7.98	0.25	4.75	7.47
Unplanned unavailable hours	0	0.77	0	0	0
Fault exposure hours	0	97.05	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	1832.00	2208.00	2209.00
Indicator value	3.2%	3.4%	2.3%	2.3%	0.6%

Licensee Comments:

1Q/00: Q1/2000 Data revised due to the discovery of internal pump damage on the replacement pump being used to substitute for the normal CSIP on B train. Revised on 10/20/00***On September 4th, 2000 it was determined that C CSIP had experienced bearing damage sometime since May 1999. Therefore, all hours that the C CSIP was in service for B CSIP during Q1/2000 are being counted as Unplanned Unavailable. Revised 04/21/01 after final determination was reached on the appropriate way to account for bearing failure.***Revised for Q2/2001 submittal to make all C CSIP unplanned unavailable hours fault exposure hours after thorough review with NRC and NEI over fault exposure definition. No impact on indicator color due to this change.

1Q/00: Q1/2000 Data revised due to the discovery of internal pump damage on the replacement pump being used to substitute for the normal CSIP on B train. Revised on 10/20/00

4Q/99: High Pressure Injection unavailability data revised for 4th quarter 1998 and 1st and 2nd quarters 1999 based on recent data validation.

There was no resulting change in indicator values, and no thresholds were impacted. Additional historical data corrections are being investigated and will be reported as appropriate in future submittals. High Pressure Injection unavailability data through 4th quarter 1999 was determined based on NEI 99-02 Draft Rev. B guidance. *** Q4/1999 Data revised 10/20/00 due to discovery of replacement pump internal damage which has been determined to have been in service for the normal pump while damaged for a significant portion of Nov. and Dec. 1999

4Q/99: High Pressure Injection unavailability data revised for 4th quarter 1998 and 1st and 2nd quarters 1999 based on recent data validation. There was no resulting change in indicator values, and no thresholds were impacted. Additional historical data corrections are being investigated and will be reported as appropriate in future submittals. High Pressure Injection unavailability data through 4th quarter 1999 was determined based on NEI 99-02 Draft Rev. B guidance. *** Q4/1999 Data revised 10/20/00 due to discovery of replacement pump internal damage which has been determined to have been in service for the normal pump while damaged for a significant portion of Nov. and Dec. 1999***On September 4th, 2000 it was determined that C CSIP had experienced bearing damage sometime since May 1999. Therefore, all hours that the C CSIP was in service for A CSIP are being counted as Unplanned Unavailable. Revised 04/21/01 after final determination was reached on the appropriate way to account for bearing failure. Revised for Q2/2001 submittal to make all C CSIP unplanned unavailable hours fault exposure hours after thorough review with NRC and NEI over fault exposure definition. No impact on indicator color due to this change.

3Q/99: Corrected for additional 5.87hrs of planned unavailability for 9/22/99 for AH9A breaker being open. (4/21/01)

2Q/99: On September 4th, 2000 it was determined that C CSIP had experienced bearing damage sometime since May 1999. Therefore, all hours that the C CSIP was in service for A CSIP are being counted as Unplanned Unavailable. Revised 04/21/01 after final determination was reached on the appropriate way to account for bearing failure. Revised for Q2/2001 submittal to make all C CSIP unplanned unavailable hours fault exposure hours after thorough review with NRC and NEI over fault exposure definition. No impact on indicator color due to this change.

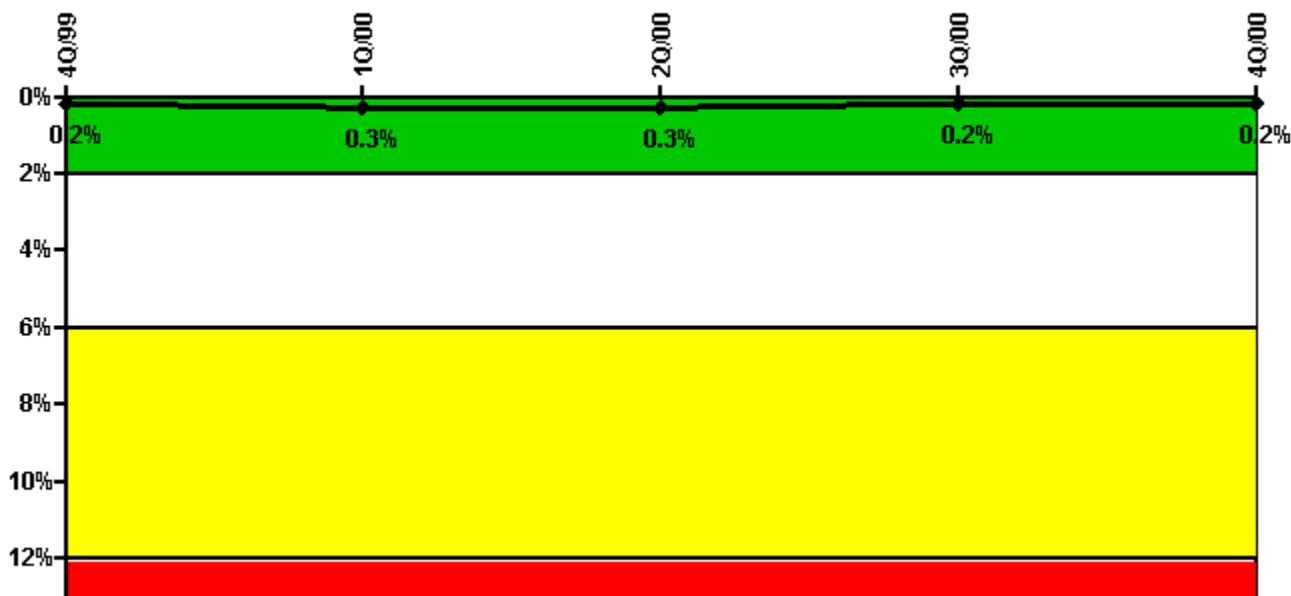
2Q/99: On September 4th, 2000 it was determined that C CSIP had experienced bearing damage sometime since May 1999. Since C CSIP only served as a replacement for A CSIP some of the time during this period the rules for reporting are unclear. Therefore, all hours that the C CSIP was in service for A CSIP are being counted as Fault Exposure Time instead of half until a response can be obtained on a more correct way to determine Fault Exposure Time for this unique situation. Revised 10/20/00

Effective Reset Comments:

4Q/00: Criteria met to reset FE hours.

2Q/00: Criteria has been met for reset of FE hours.

Safety System Unavailability, Heat Removal System (AFW)



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

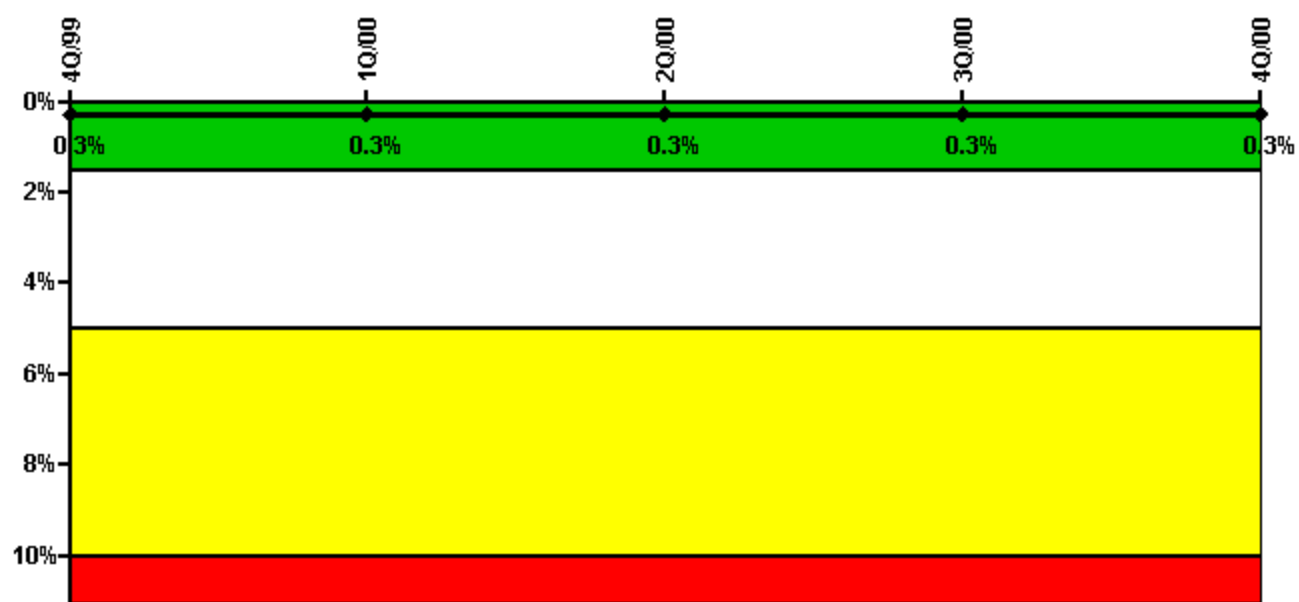
Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	0	0	9.00	0	0
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	1589.88	2208.00	2209.00
Train 2					
Planned unavailable hours	0	6.25	0	0	5.60
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	1589.88	2208.00	2209.00
Train 3					
Planned unavailable hours	0	12.09	8.25	10.92	0.47
Unplanned unavailable hours	0	6.52	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	1589.88	2208.00	2209.00
Indicator value	0.2%	0.3%	0.3%	0.2%	0.2%

Licensee Comments:

4Q/00: Added .92 hrs to planned unavailable hrs for the TDAFWP(Train C) for 08/02/00, this does not change the indicator color.

Safety System Unavailability, Residual Heat Removal System



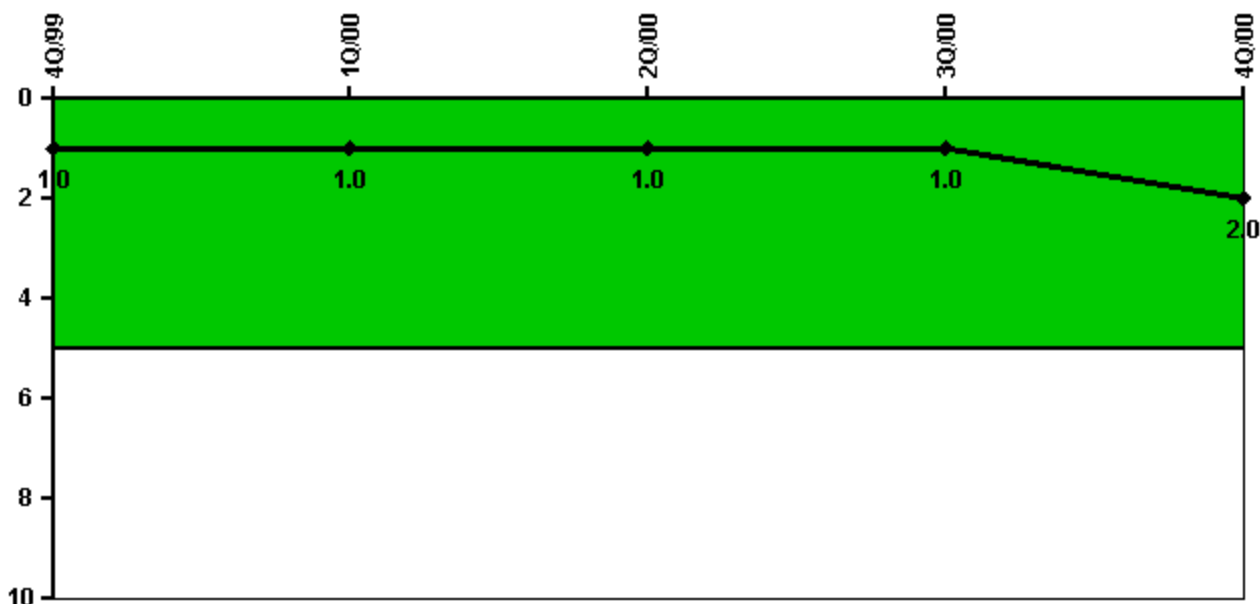
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	0	2.30	0	10.50	8.00
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2035.00	2208.00	2209.00
Train 2					
Planned unavailable hours	5.50	0	3.70	0	3.00
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2035.00	2208.00	2209.00
Indicator value	0.3%	0.3%	0.3%	0.3%	0.3%

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

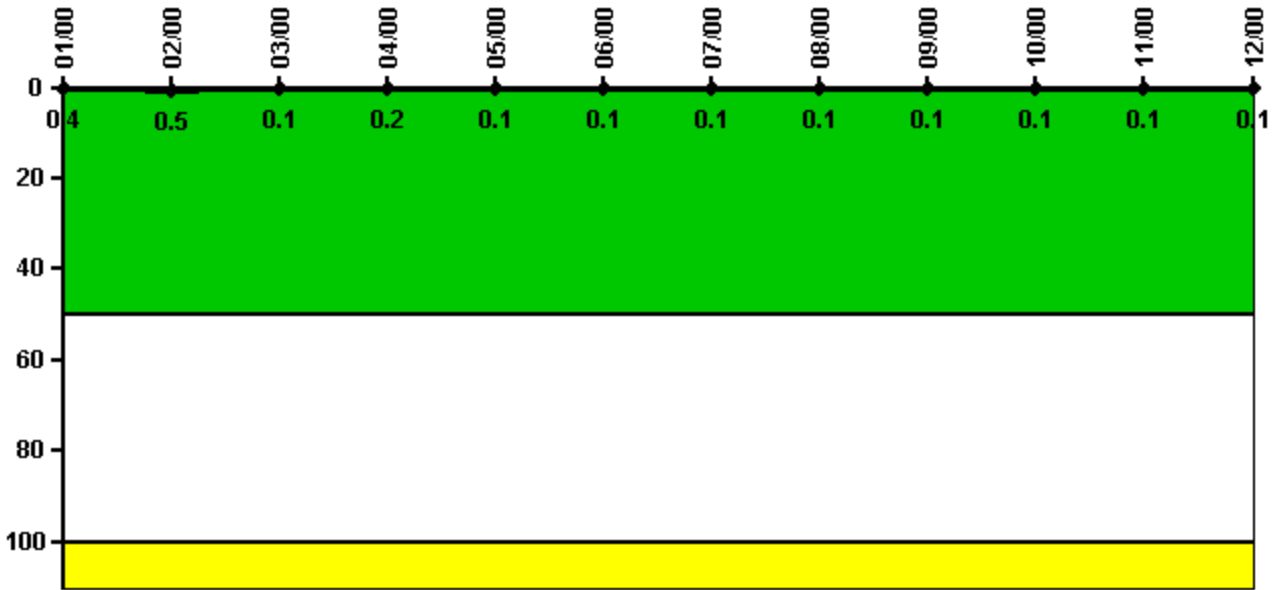
Safety System Functional Failures (PWR)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Safety System Functional Failures	0	1	0	0	1
Indicator value	1	1	1	1	2

Licensee Comments:

4Q/00: Functional failure discovered for C CSIP. C CSIP is a standby pump and is in service only intermittently for A or B Train. Ref. LER # 2000-007 rev. 0. This FF was moved from 3rd Qtr and reported in 4th Qtr (Oct) when LER was submitted to document failure, per NEI 99-02 guidelines.

3Q/00: SSFF was reported in wrong Qtr. Moved to 4th Qtr (Oct.) when LER was submitted to document failure.

Reactor Coolant System Activity



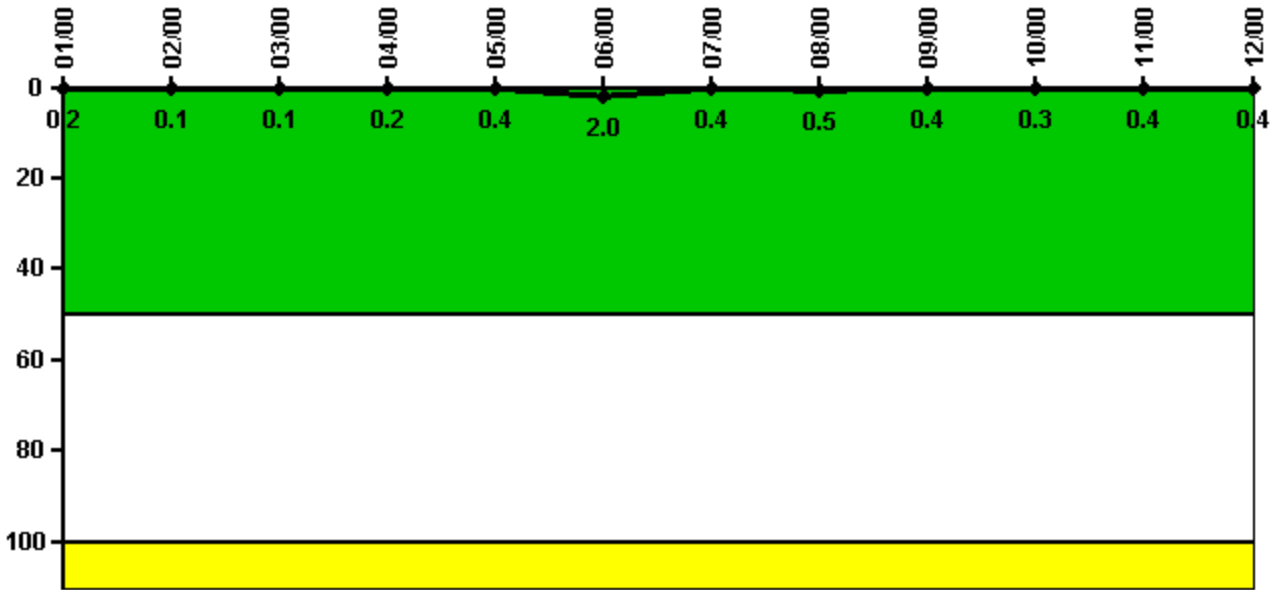
Thresholds: White > 50.0 Yellow > 100.0

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	0.003602	0.004650	0.001196	0.002300	0.000587	0.001428	0.000636	0.000671	0.000669	0.000716	0.000728	0.000749
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.4	0.5	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



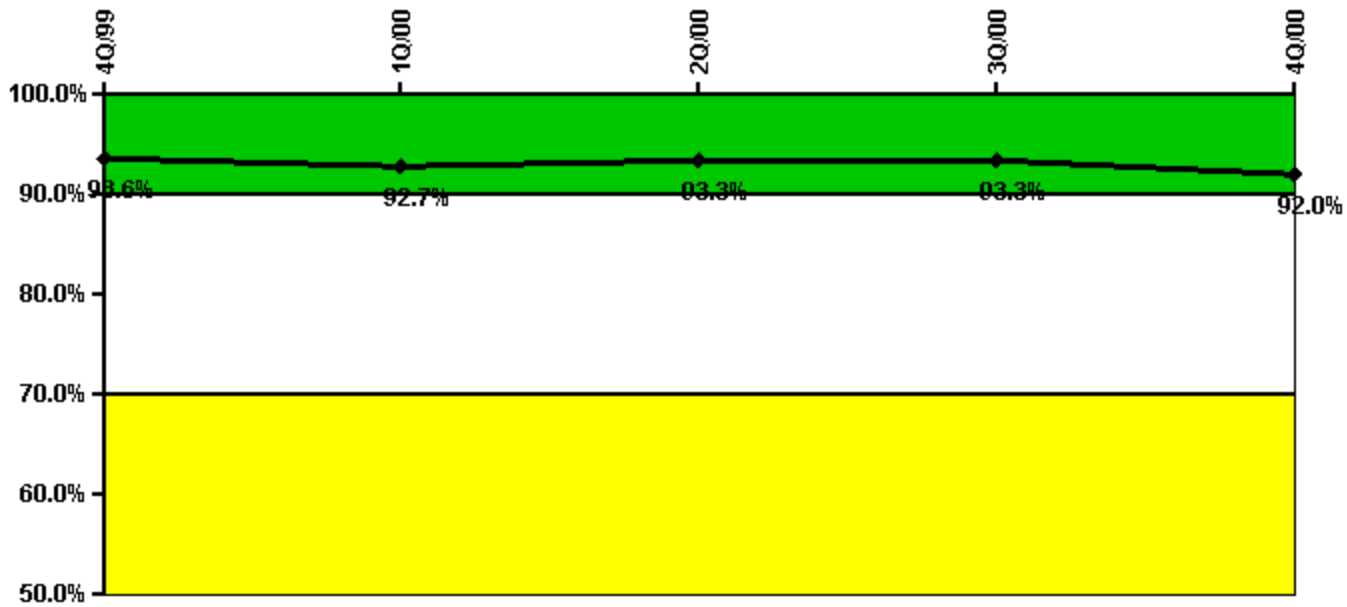
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00
Maximum leakage	0.020	0.010	0.010	0.020	0.040	0.200	0.040	0.050	0.040	0.030	0.040	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.1	0.1	0.2	0.4	2.0	0.4	0.5	0.4	0.3	0.4	0.4

Licensee Comments: none

Drill/Exercise Performance



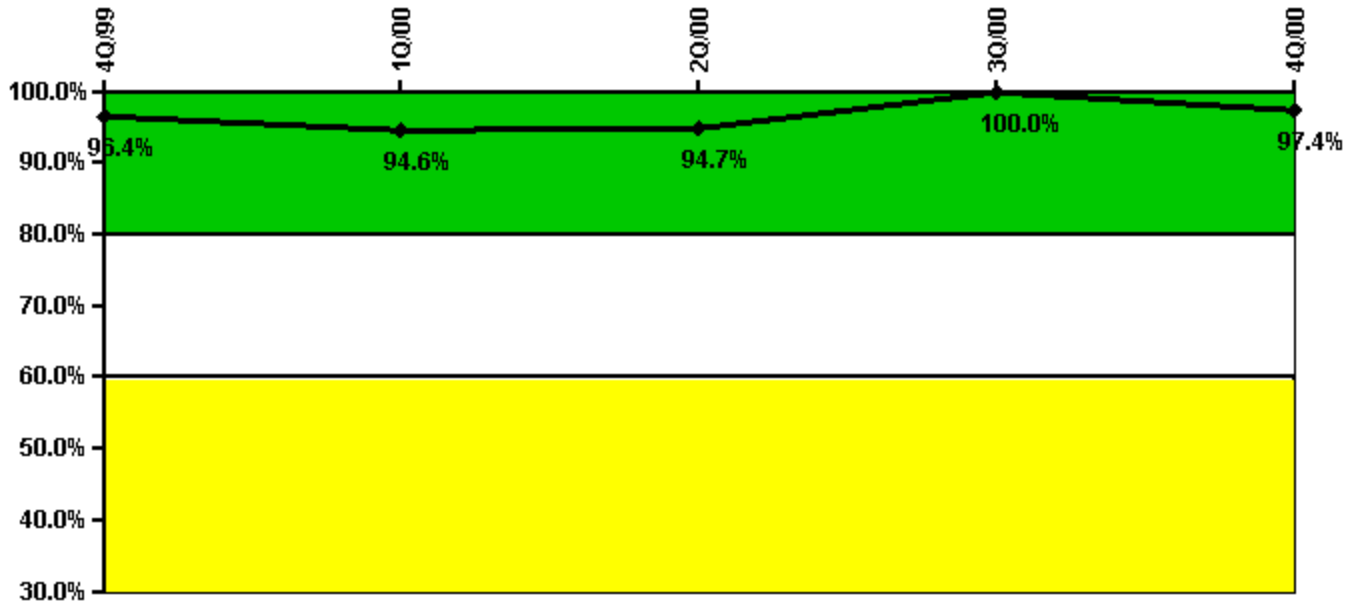
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Successful opportunities	52.0	43.0	37.0	13.0	5.0
Total opportunities	58.0	48.0	38.0	14.0	9.0
Indicator value	93.6%	92.7%	93.3%	93.3%	92.0%

Licensee Comments: none

ERO Drill Participation



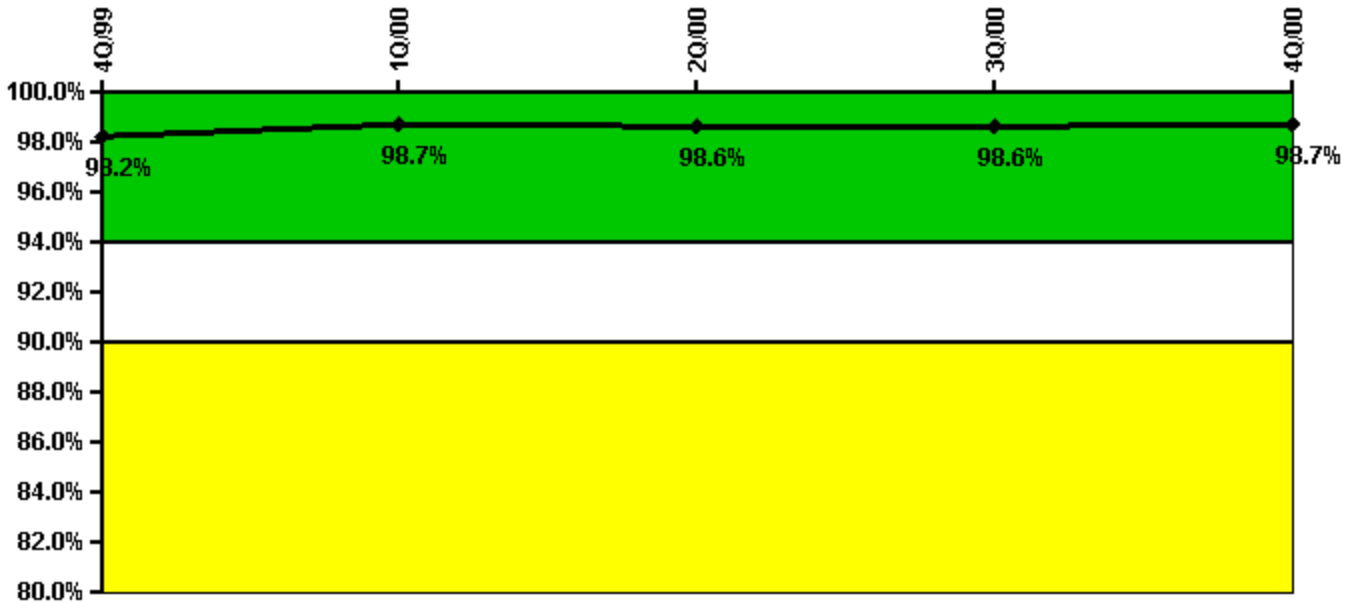
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Participating Key personnel	54.0	53.0	54.0	40.0	37.0
Total Key personnel	56.0	56.0	57.0	40.0	38.0
Indicator value	96.4%	94.6%	94.7%	100.0%	97.4%

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

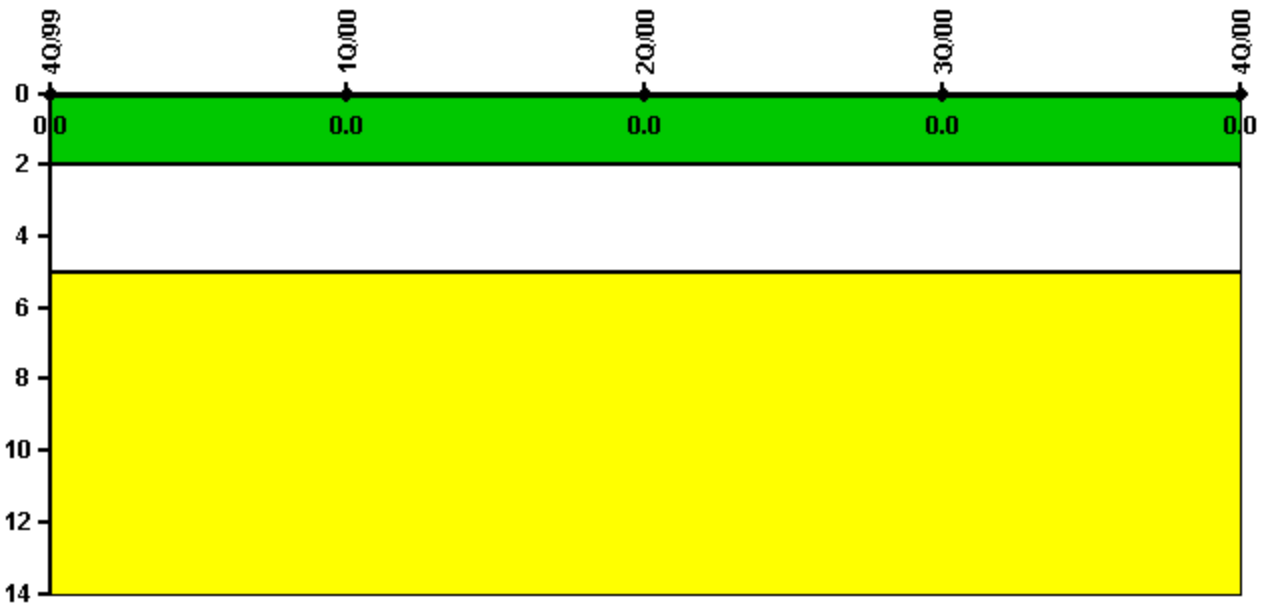
Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Successful siren-tests	477	645	554	640	559
Total sirens-tests	486	648	567	648	567
Indicator value	98.2%	98.7%	98.6%	98.6%	98.7%

Licensee Comments:

- 4Q/00: Data correction for failure of siren #19. Corrected for Growl Test in Feb, May, Aug and Nov, also Full Volume test in Oct.
- 3Q/00: Data correction for failure of siren #19. Corrected for Growl Test in Feb, May, Aug and Nov, also Full Volume test in Oct.
- 2Q/00: Data correction for failure of siren #19. Corrected for Growl Test in Feb, May, Aug and Nov, also Full Volume test in Oct.
- 1Q/00: Data correction for failure of siren #19. Corrected for Growl Test in Feb, May, Aug and Nov, also Full Volume test in Oct.

Occupational Exposure Control Effectiveness



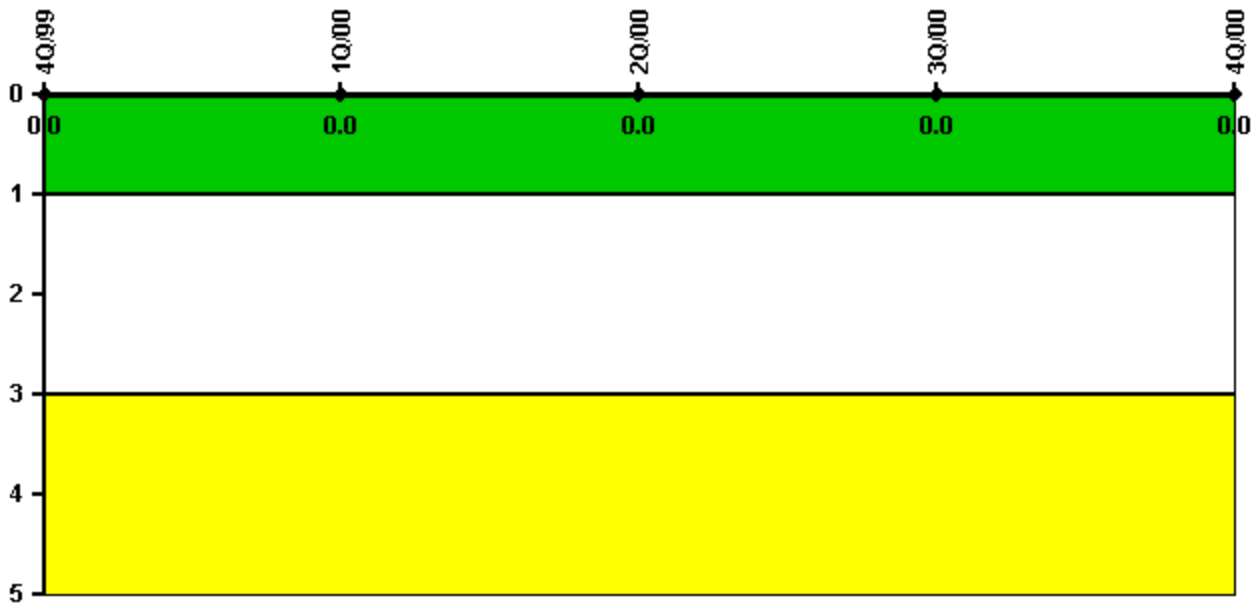
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

RETS/ODCM Radiological Effluent



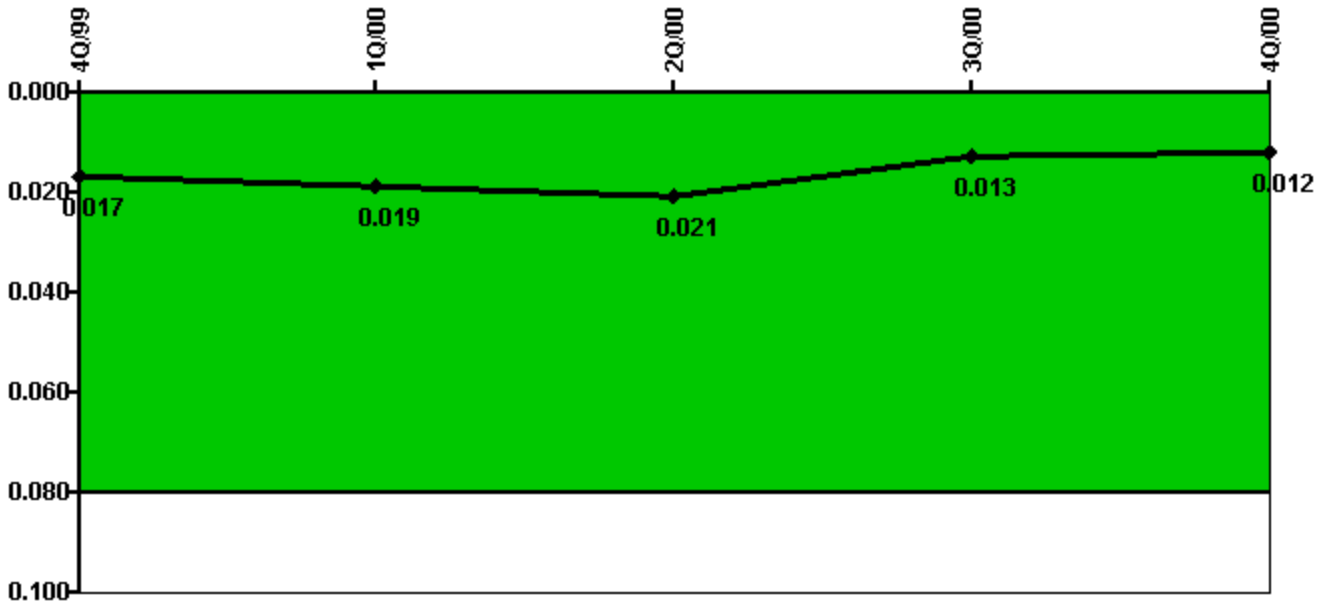
Thresholds: White > 1.0 Yellow > 3.0

Notes

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

Licensee Comments: none

Protected Area Security Performance Index



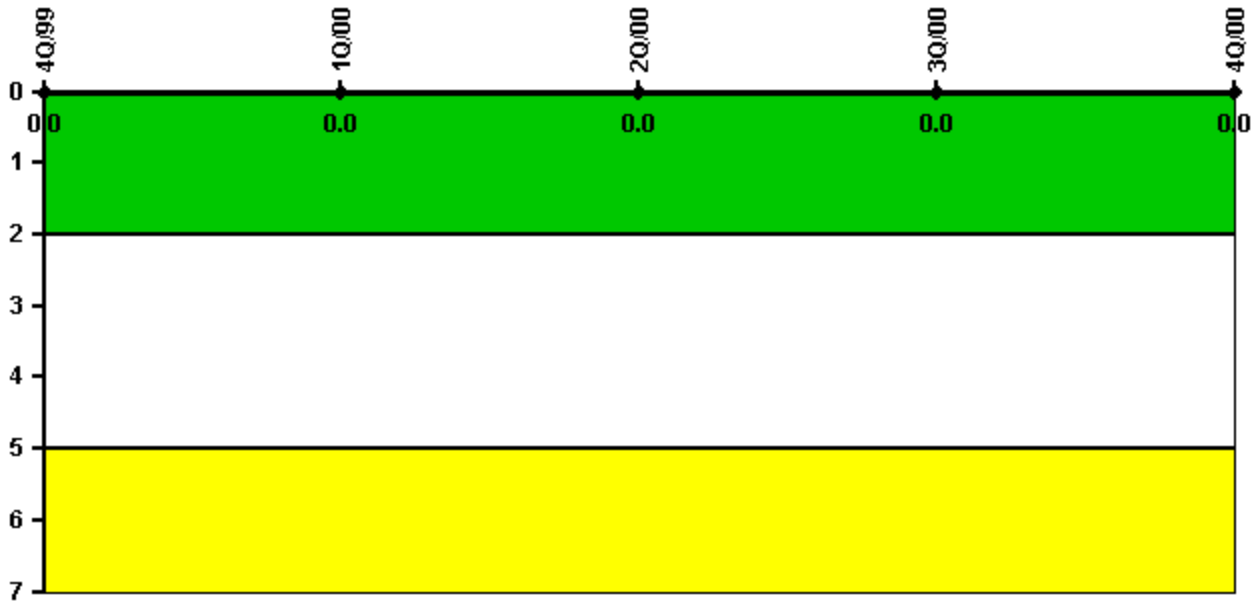
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
IDS compensatory hours	129.20	264.20	101.92	128.85	108.40
CCTV compensatory hours	0	0	0	0	0
IDS normalization factor	2.85	2.85	2.85	2.85	2.85
CCTV normalization factor	1.4	1.4	1.4	1.4	1.4
Index Value	0.017	0.019	0.021	0.013	0.012

Licensee Comments: none

Personnel Screening Program



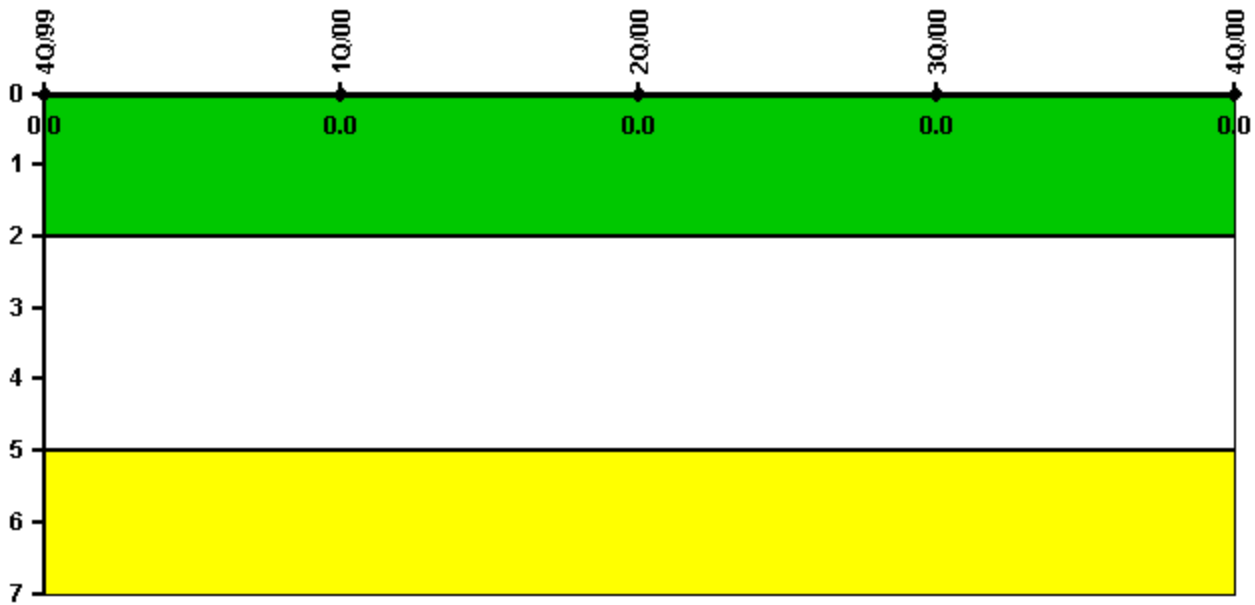
Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
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](#)

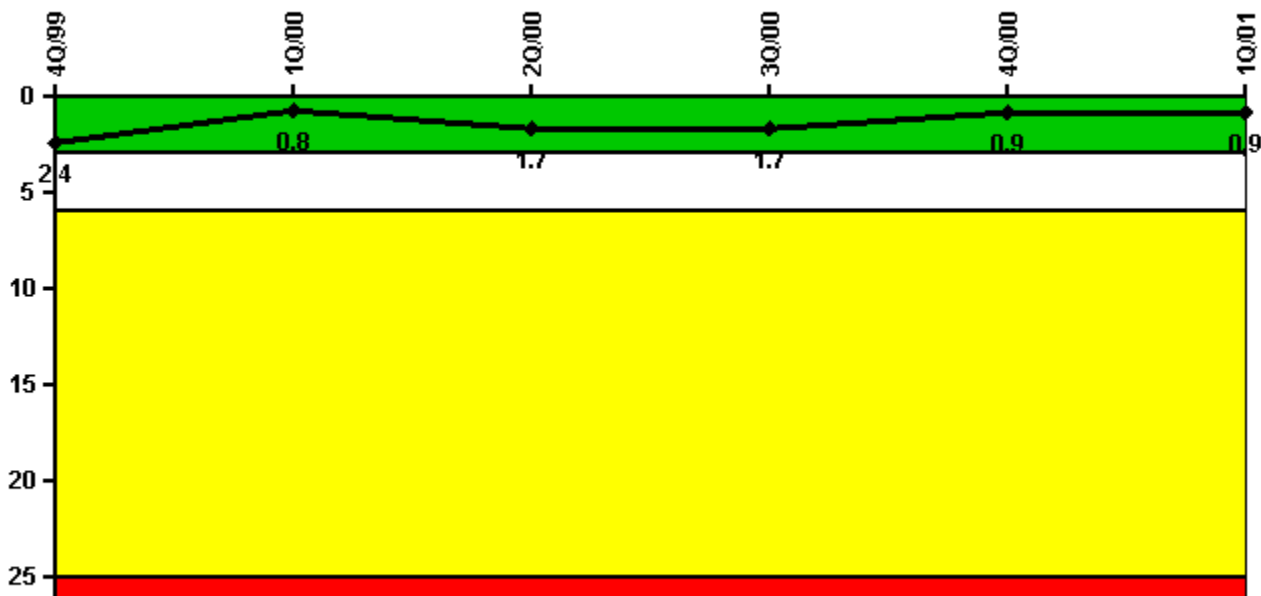
Last Modified: March 28, 2002

Harris 1

1Q/2001 Performance Indicators

Licensee's General Comments: Harris Plant Q1/2001 report. Includes updates for Q2/99, Q4/99 and Q1/00 for HHSI indicator. Also includes updates for all quarters of 2000 for ANS PI.

Unplanned Scrams per 7000 Critical Hrs



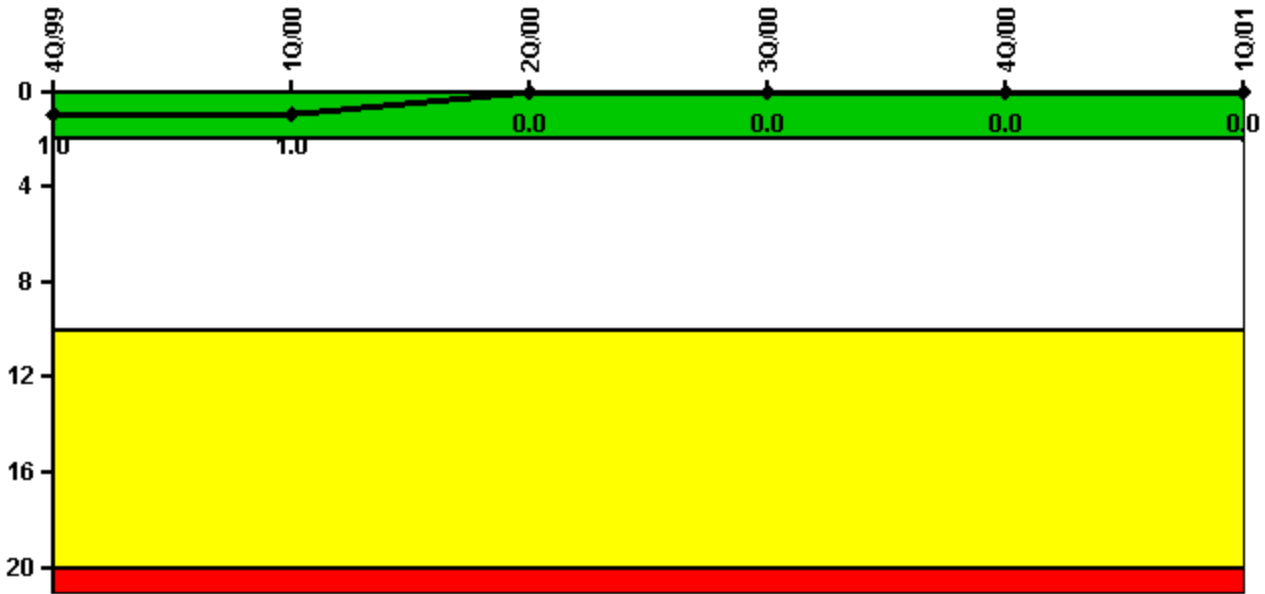
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Unplanned scrams	1.0	0	1.0	0	0	0
Critical hours	2185.4	2184.0	1526.7	2208.0	2209.0	2160.0
Indicator value	2.4	0.8	1.7	1.7	0.9	0.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



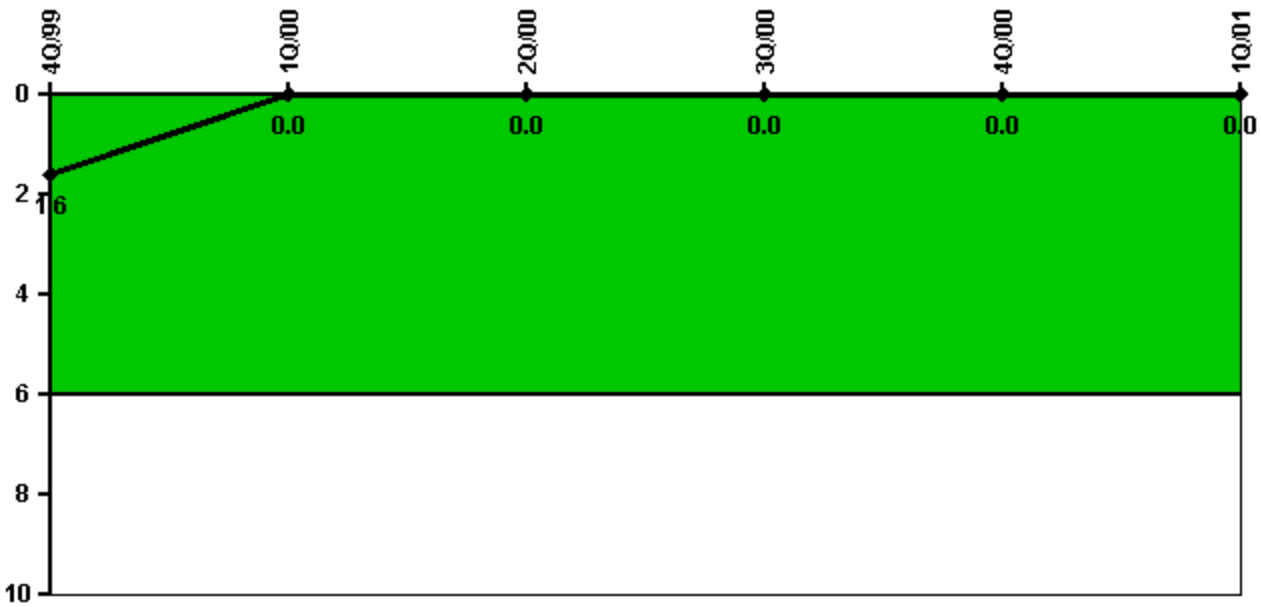
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Scrams	0	0	0	0	0	0
Indicator value	1.0	1.0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



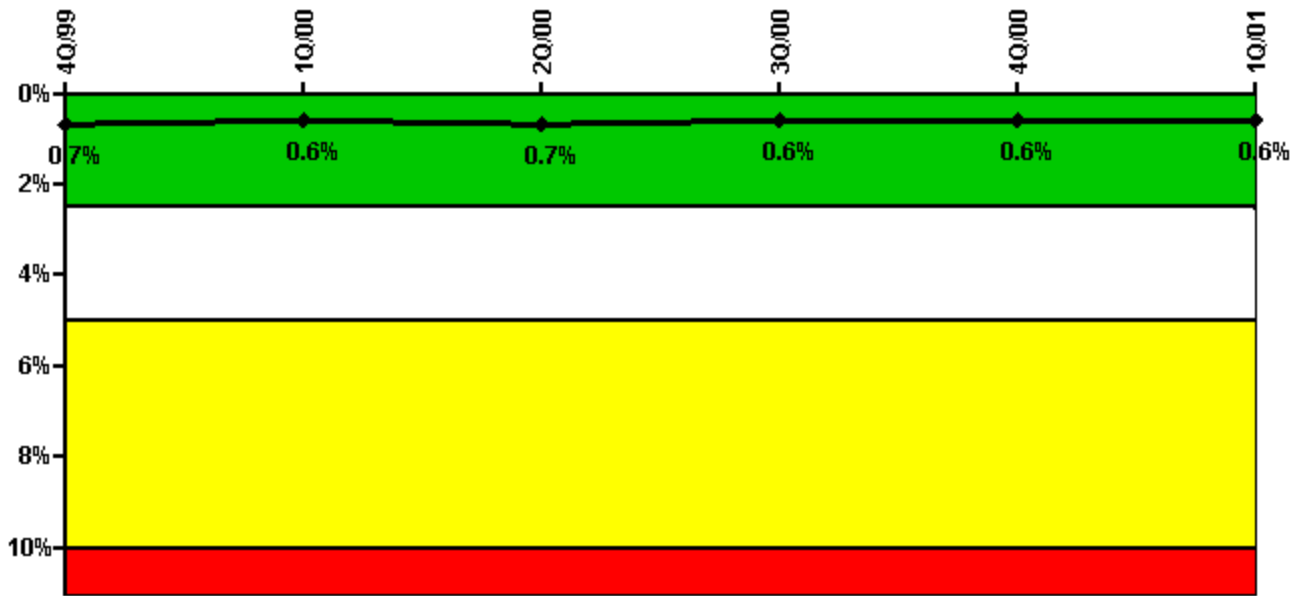
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Unplanned power changes	0	0	0	0	0	0
Critical hours	2185.4	2184.0	1526.7	2208.0	2209.0	2160.0
Indicator value	1.6	0	0	0	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



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

Notes

Safety System Unavailability, Emergency AC Power	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Train 1						
Planned unavailable hours	0	18.20	2.20	19.85	3.01	15.84
Unplanned unavailable hours	0	0	2.00	0	0.32	6.50
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	1881.50	2208.00	2209.00	2160.00
Train 2						
Planned unavailable hours	34.80	2.30	28.50	7.84	2.51	35.63
Unplanned unavailable hours	0	0	2.80	0	0.75	1.47
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	1942.80	2208.00	2209.00	2160.00
Indicator value	0.7%	0.6%	0.7%	0.6%	0.6%	0.6%

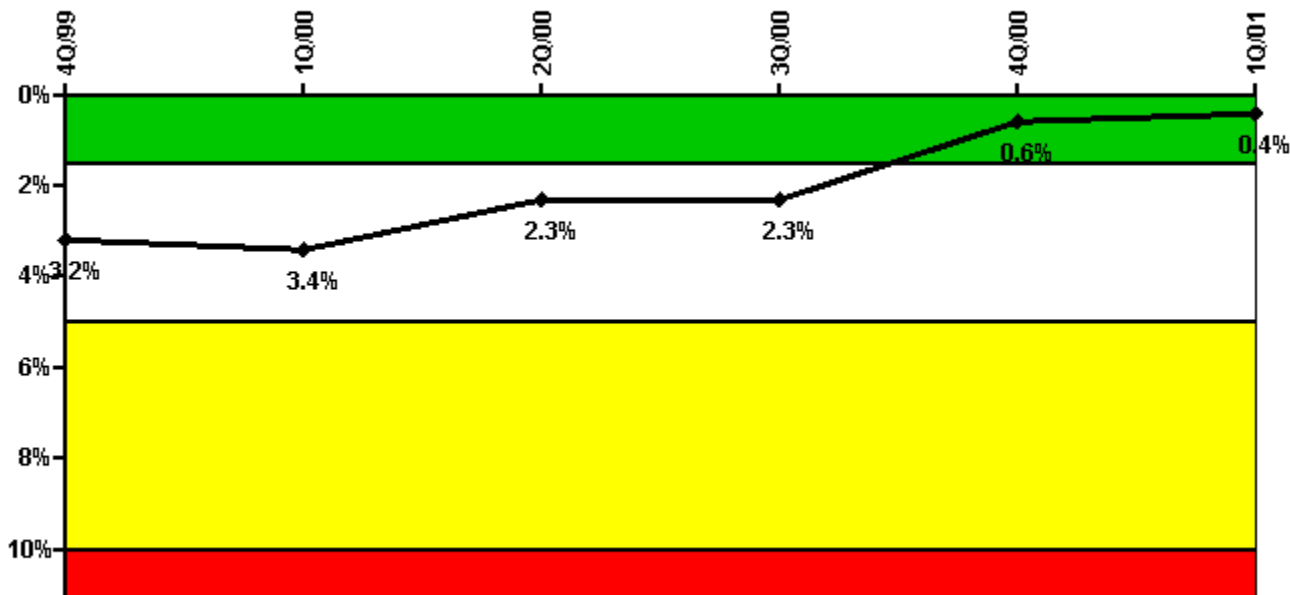
Licensee Comments:

1Q/01: Corrected Train 2 planned and unplanned unavailable hours for 3/2001 as resubmitted by system engineer following operability determination which subsequently determined that EDG-B was functional prior to being placed into maintenance mode.

3Q/00: Corrected September Train 2 planned data to show additional .01 that was previously dropped due to a rounding error. No impact on color.

2Q/00: Corrected May Train 1 planned and unplanned data to reflect revised support system data. No change to indicator color. Corrected April Train 2 unplanned data to reflect revision of support system data.

Safety System Unavailability, High Pressure Injection System (HPSI)



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

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Train 1						
Planned unavailable hours	5.22	1.18	0.45	7.03	0.47	10.45
Unplanned unavailable hours	0	0	0	0	0	0
Fault exposure hours	842.84	0	0	0	0	0
Effective Reset hours	0	0	485.93	0	842.84	0
Required hours	2209.00	2184.00	1832.00	2208.00	2209.00	2160.00
Train 2						
Planned unavailable hours	6.80	7.98	0.25	4.75	7.47	9.65
Unplanned unavailable hours	0	0.77	0	0	0	0
Fault exposure hours	0	97.05	0	0	0	0
Effective Reset hours	0	0	0	0	0	97.05
Required hours	2209.00	2184.00	1832.00	2208.00	2209.00	2160.00
Indicator value	3.2%	3.4%	2.3%	2.3%	0.6%	0.4%

Licensee Comments:

1Q/00: Q1/2000 Data revised due to the discovery of internal pump damage on the replacement pump being used to substitute for the normal CSIP on B train. Revised on 10/20/00***On September 4th, 2000 it was determined that C CSIP had experienced bearing damage sometime since May 1999. Therefore, all hours that the C CSIP was in service for B CSIP during Q1/2000 are being counted as Unplanned Unavailable. Revised 04/21/01 after final determination was reached on the appropriate way to account for bearing failure.***Revised for Q2/2001 submittal to make all C CSIP unplanned unavailable hours fault exposure hours after thorough review with NRC and NEI over fault exposure definition. No impact on indicator color due to this change.

4Q/99: High Pressure Injection unavailability data revised for 4th quarter 1998 and 1st and 2nd quarters 1999 based on recent data validation. There was no resulting change in indicator values, and no thresholds were impacted. Additional historical data corrections are being investigated and will be reported as appropriate in future submittals. High Pressure Injection unavailability data through 4th quarter 1999 was determined based on NEI 99-02 Draft Rev. B guidance. *** Q4/1999 Data revised 10/20/00 due to discovery of replacement pump internal damage which

has been determined to have been in service for the normal pump while damaged for a significant portion of Nov. and Dec. 1999***On September 4th, 2000 it was determined that C CSIP had experienced bearing damage sometime since May 1999. Therefore, all hours that the C CSIP was in service for A CSIP are being counted as Unplanned Unavailable. Revised 04/21/01 after final determination was reached on the appropriate way to account for bearing failure. Revised for Q2/2001 submittal to make all C CSIP unplanned unavailable hours fault exposure hours after thorough review with NRC and NEI over fault exposure definition. No impact on indicator color due to this change.

3Q/99: Corrected for additional 5.87hrs of planned unavailability for 9/22/99 for AH9A breaker being open. (4/21/01)

2Q/99: On September 4th, 2000 it was determined that C CSIP had experienced bearing damage sometime since May 1999. Therefore, all hours that the C CSIP was in service for A CSIP are being counted as Unplanned Unavailable. Revised 04/21/01 after final determination was reached on the appropriate way to account for bearing failure. Revised for Q2/2001 submittal to make all C CSIP unplanned unavailable hours fault exposure hours after thorough review with NRC and NEI over fault exposure definition. No impact on indicator color due to this change.

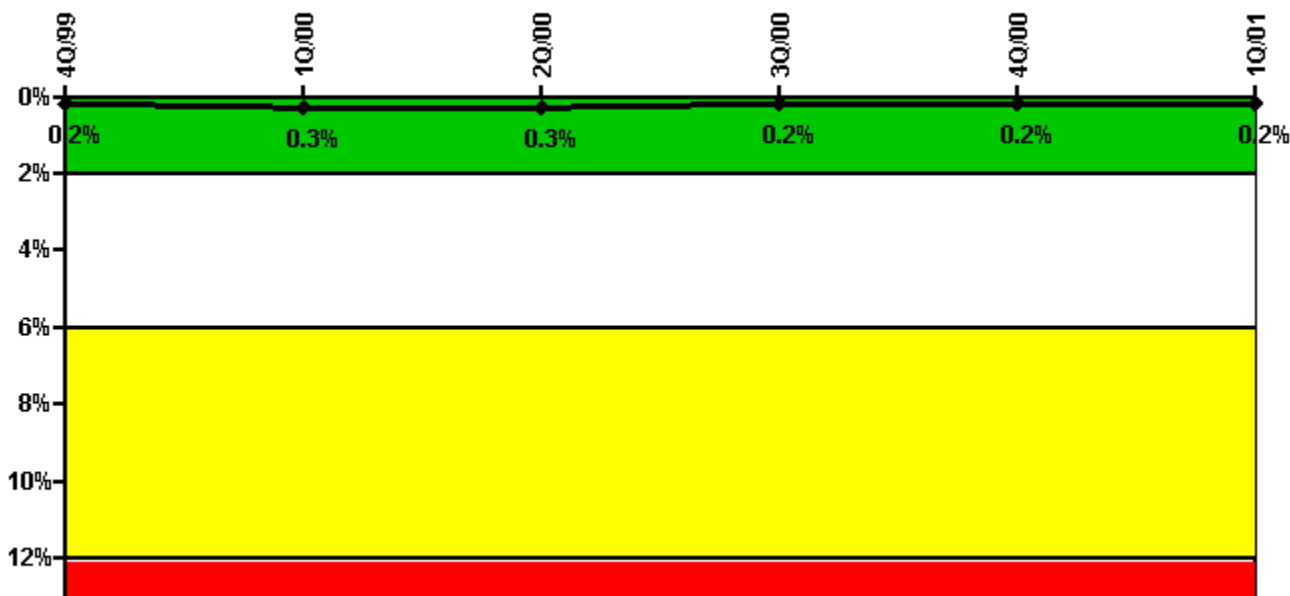
Effective Reset Comments:

1Q/01: Criteria met to reset FE hours.

4Q/00: Criteria met to reset FE hours.

2Q/00: Criteria has been met for reset of FE hours.

Safety System Unavailability, Heat Removal System (AFW)



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

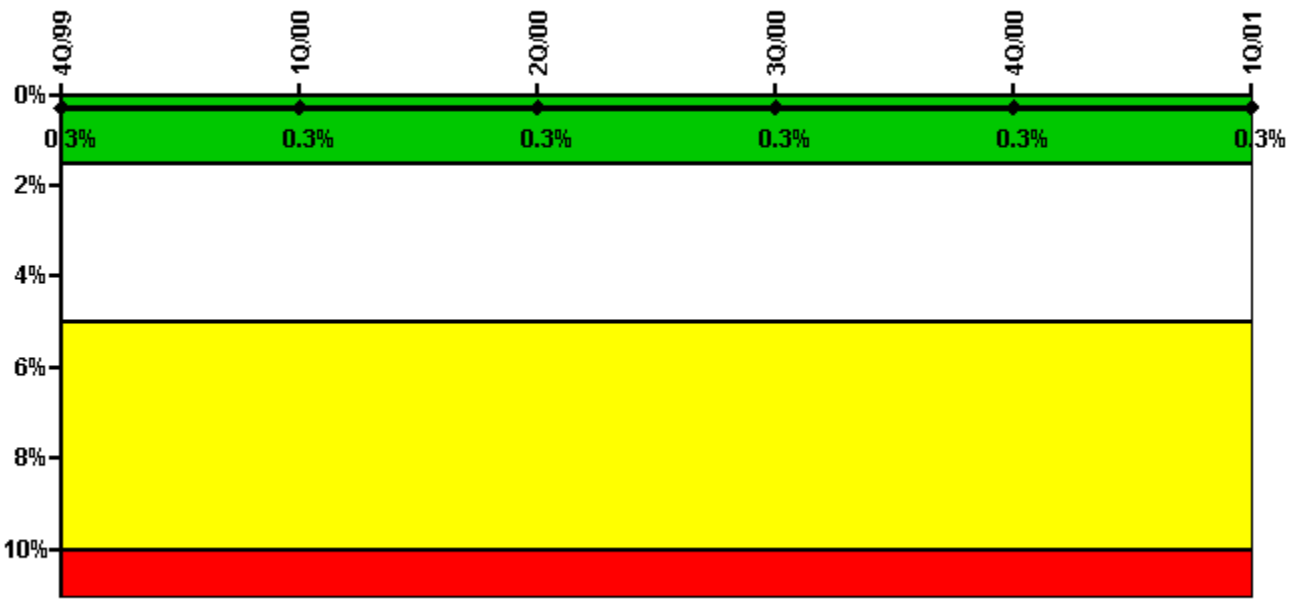
Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Train 1						
Planned unavailable hours	0	0	9.00	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0

Required hours	2209.00	2184.00	1589.88	2208.00	2209.00	2160.00
Train 2						
Planned unavailable hours	0	6.25	0	0	5.60	0
Unplanned unavailable hours	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	1589.88	2208.00	2209.00	2160.00
Train 3						
Planned unavailable hours	0	12.09	8.25	10.92	0.47	0
Unplanned unavailable hours	0	6.52	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	1589.88	2208.00	2209.00	2160.00
Indicator value	0.2%	0.3%	0.3%	0.2%	0.2%	0.2%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



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

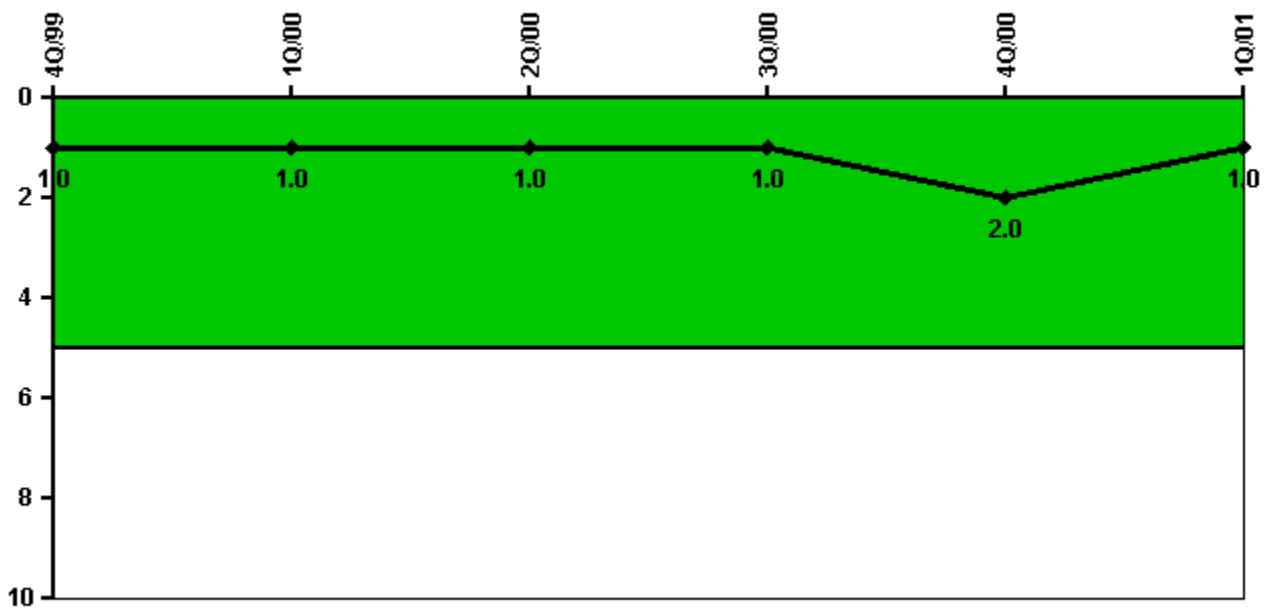
Notes

Safety System Unavailability, Residual Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Train 1						
Planned unavailable hours	0	2.30	0	10.50	8.00	5.20
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	2035.00	2208.00	2209.00	2160.00
Train 2						
Planned unavailable hours	5.50	0	3.70	0	3.00	0
Unplanned unavailable hours	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	2035.00	2208.00	2209.00	2160.00
Indicator value	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

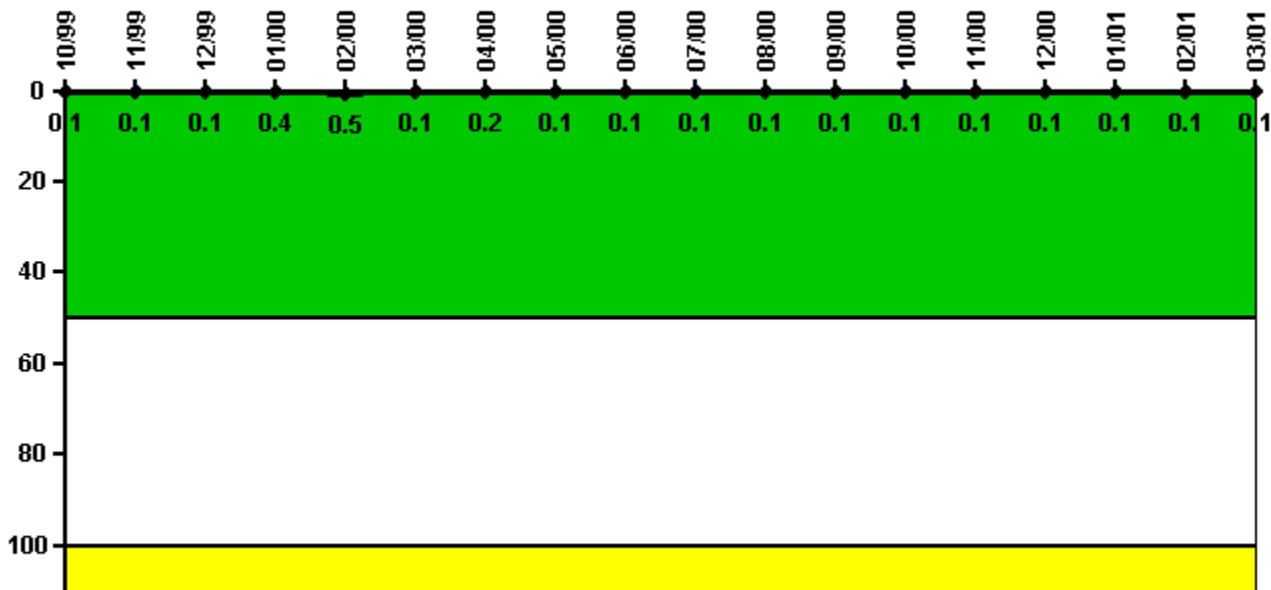
Safety System Functional Failures (PWR)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Safety System Functional Failures	0	1	0	0	1	0
Indicator value	1	1	1	1	2	1

Licensee Comments:

4Q/00: Functional failure discovered for C CSIP. C CSIP is a standby pump and is in service only intermittently for A or B Train. Ref. LER # 2000-007 rev. 0. This FF was moved from 3rd Qtr and reported in 4th Qtr (Oct) when LER was submitted to document failure, per NEI 99-02 guidelines.

3Q/00: SSFF was reported in wrong Qtr. Moved to 4th Qtr (Oct.) when LER was submitted to document failure.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

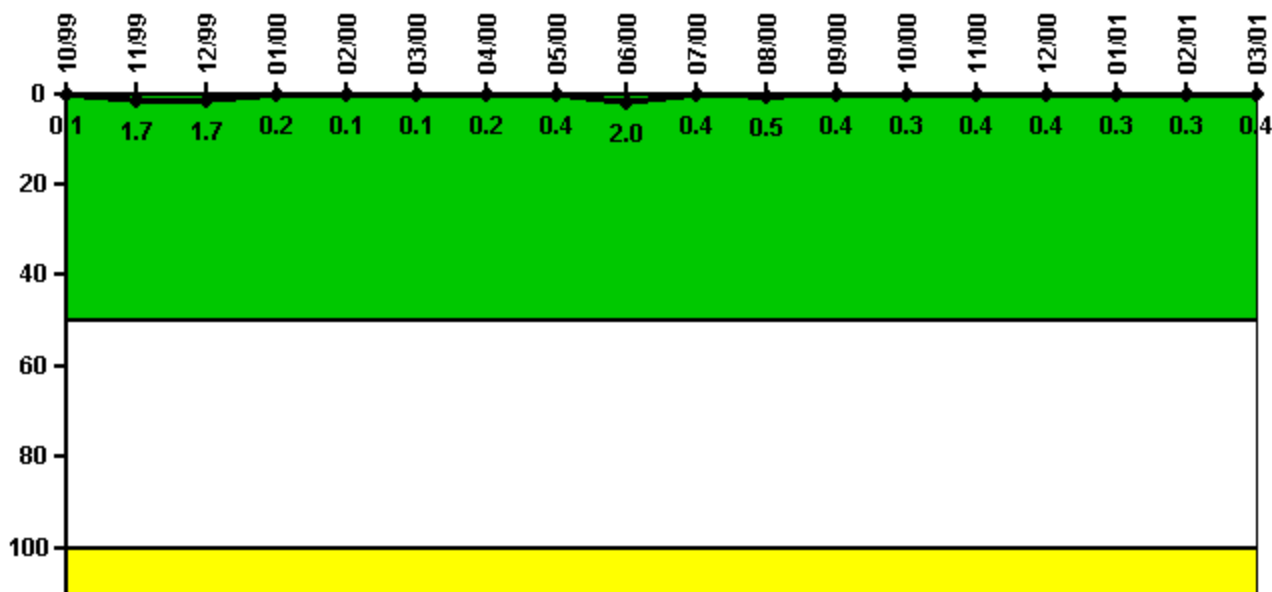
Notes

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	0.001046	0.001041	0.001084	0.003602	0.004650	0.001196	0.002300	0.000587	0.001428	0.000636	0.000671	0.000669
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.4	0.5	0.1	0.2	0.1	0.1	0.1	0.1	0.1

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01
Maximum activity	0.000716	0.000728	0.000749	0.000779	0.000791	0.000820
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

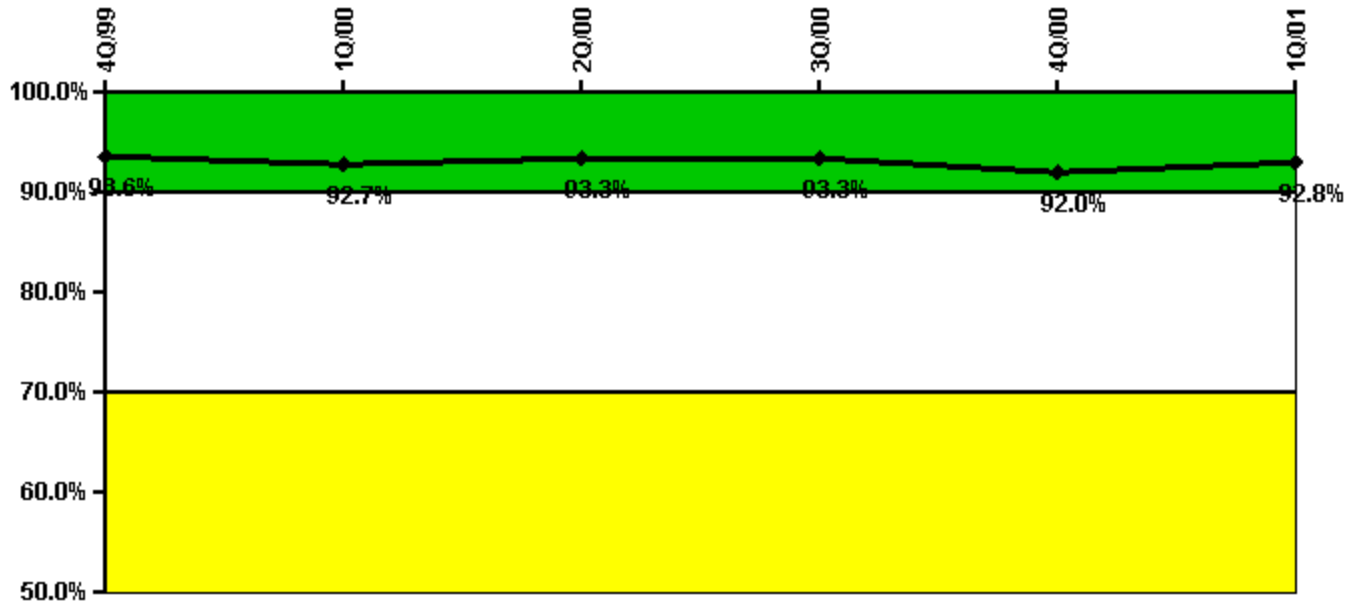
Notes

Reactor Coolant System Leakage	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum leakage	0.010	0.170	0.170	0.020	0.010	0.010	0.020	0.040	0.200	0.040	0.050	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	1.7	1.7	0.2	0.1	0.1	0.2	0.4	2.0	0.4	0.5	0.4

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01
Maximum leakage	0.030	0.040	0.040	0.030	0.030	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.4	0.4	0.3	0.3	0.4

Licensee Comments: none

Drill/Exercise Performance



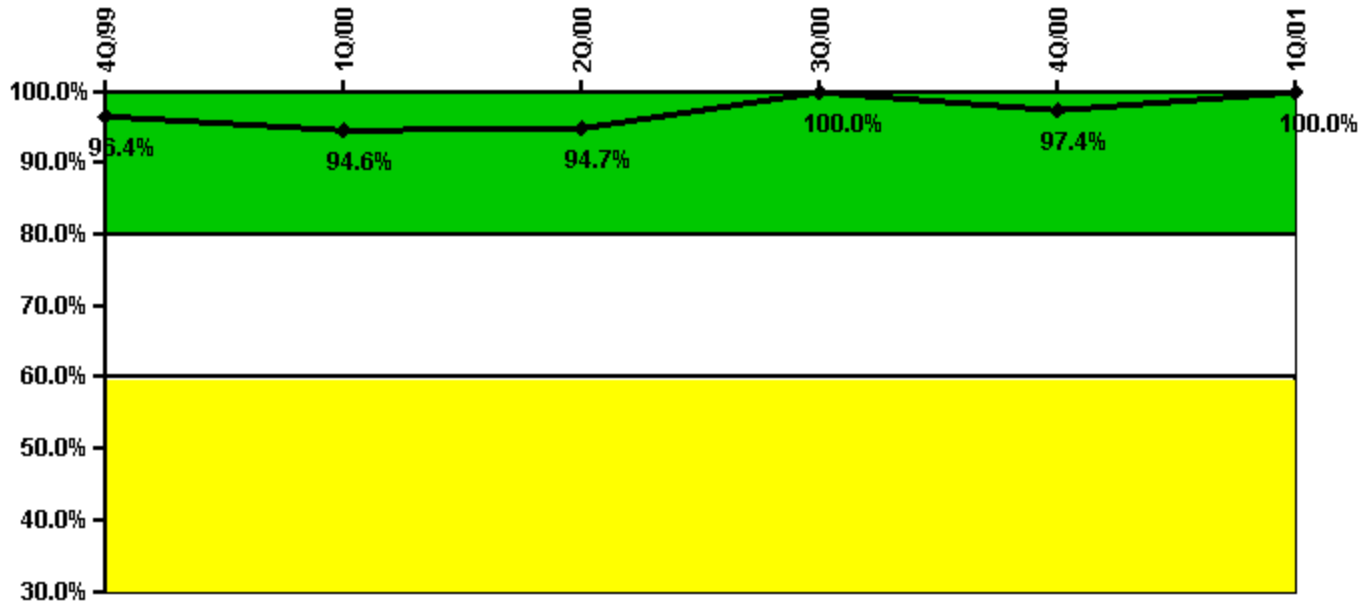
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Successful opportunities	52.0	43.0	37.0	13.0	5.0	34.0
Total opportunities	58.0	48.0	38.0	14.0	9.0	34.0
Indicator value	93.6%	92.7%	93.3%	93.3%	92.0%	92.8%

Licensee Comments: none

ERO Drill Participation



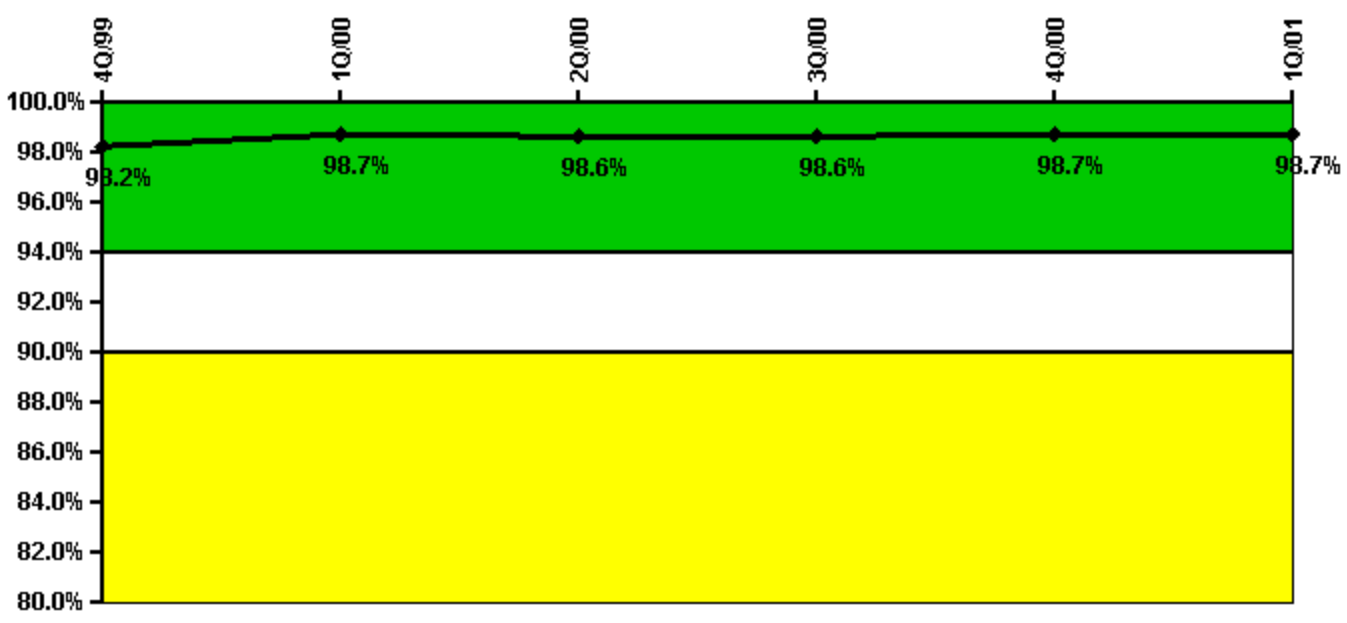
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Participating Key personnel	54.0	53.0	54.0	40.0	37.0	37.0
Total Key personnel	56.0	56.0	57.0	40.0	38.0	37.0
Indicator value	96.4%	94.6%	94.7%	100.0%	97.4%	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
Successful siren-tests	477	645	554	640	559	645
Total sirens-tests	486	648	567	648	567	648
Indicator value	98.2%	98.7%	98.6%	98.6%	98.7%	98.7%

Licensee Comments:

- 4Q/00: Data correction for failure of siren #19. Corrected for Growl Test in Feb, May, Aug and Nov, also Full Volume test in Oct.
- 3Q/00: Data correction for failure of siren #19. Corrected for Growl Test in Feb, May, Aug and Nov, also Full Volume test in Oct.
- 2Q/00: Data correction for failure of siren #19. Corrected for Growl Test in Feb, May, Aug and Nov, also Full Volume test in Oct.
- 1Q/00: Data correction for failure of siren #19. Corrected for Growl Test in Feb, May, Aug and Nov, also Full Volume test in Oct.

Occupational Exposure Control Effectiveness



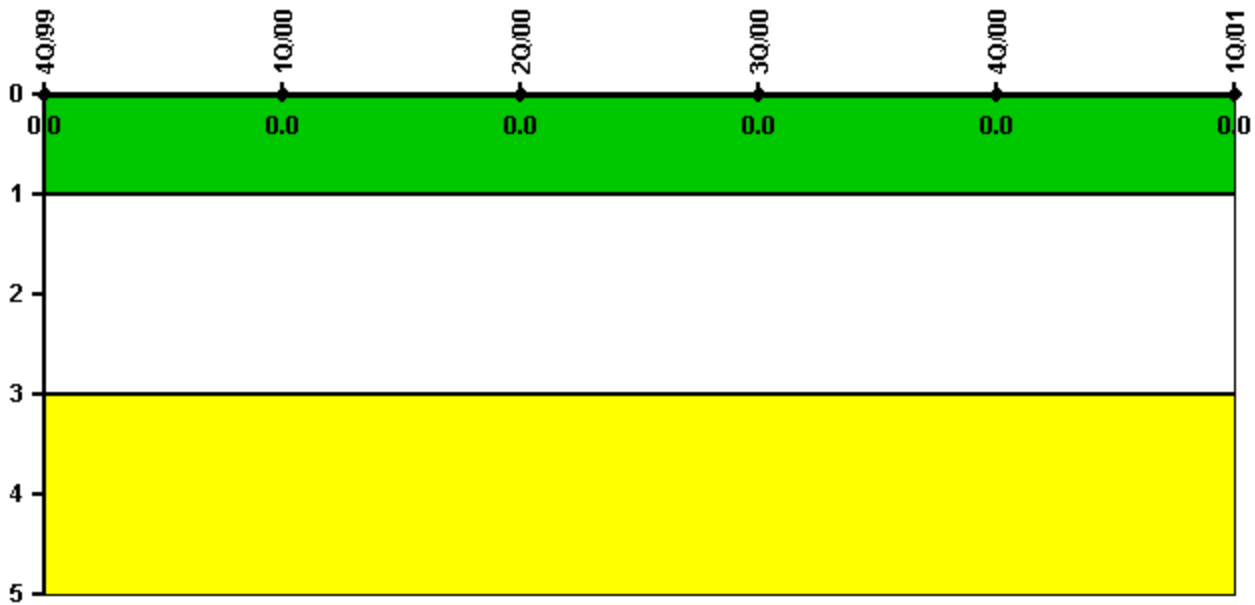
Thresholds: White > 2.0 Yellow > 5.0

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



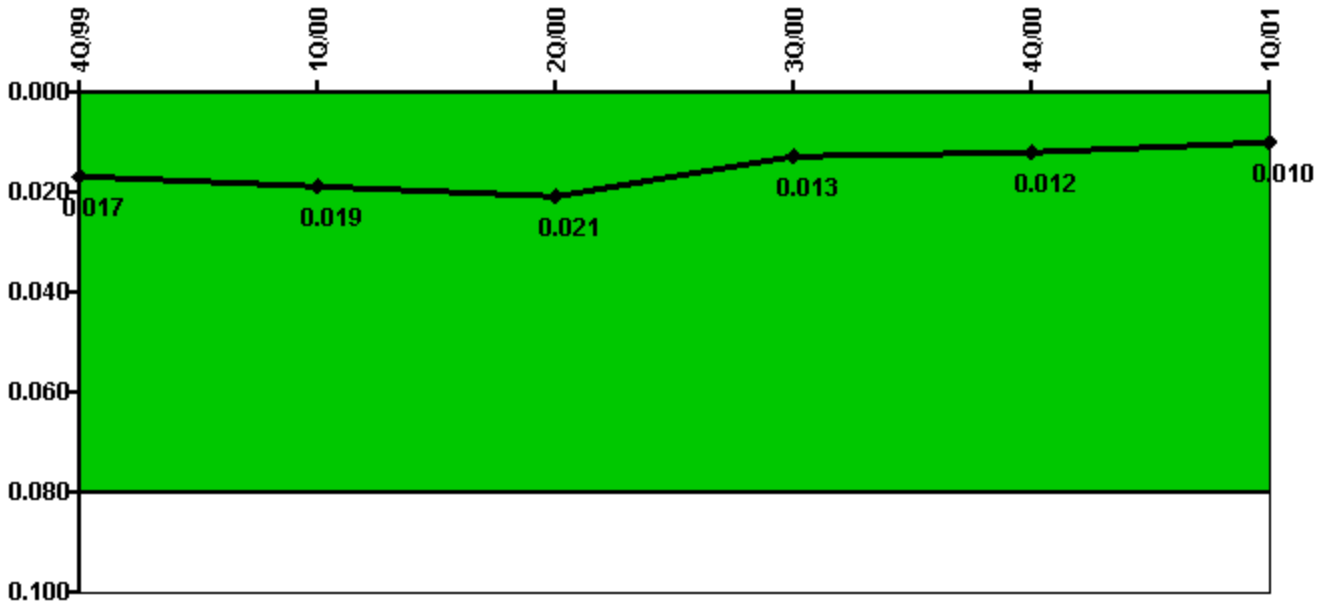
Thresholds: White > 1.0 Yellow > 3.0

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	129.20	264.20	101.92	128.85	108.40	53.08
CCTV compensatory hours	0	0	0	0	0	61.4
IDS normalization factor	2.85	2.85	2.85	2.85	2.85	2.85
CCTV normalization factor	1.4	1.4	1.4	1.4	1.4	1.4
Index Value	0.017	0.019	0.021	0.013	0.012	0.010

Licensee Comments: none

Personnel Screening Program



Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

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

Last Modified: March 28, 2002

Harris 1

2Q/2001 Performance Indicators

Licensee's General Comments: Corrected Emergency AC PI data for 4/2000, 5/2000 and 9/2000. Reallocated HHSI C-CSIP unplanned unavailable hours to Fault Exposure hours for Q2/1999, Q4/1999 and Q1/2000 based on review of Fault Exposure definition with NRC.

Unplanned Scrams per 7000 Critical Hrs



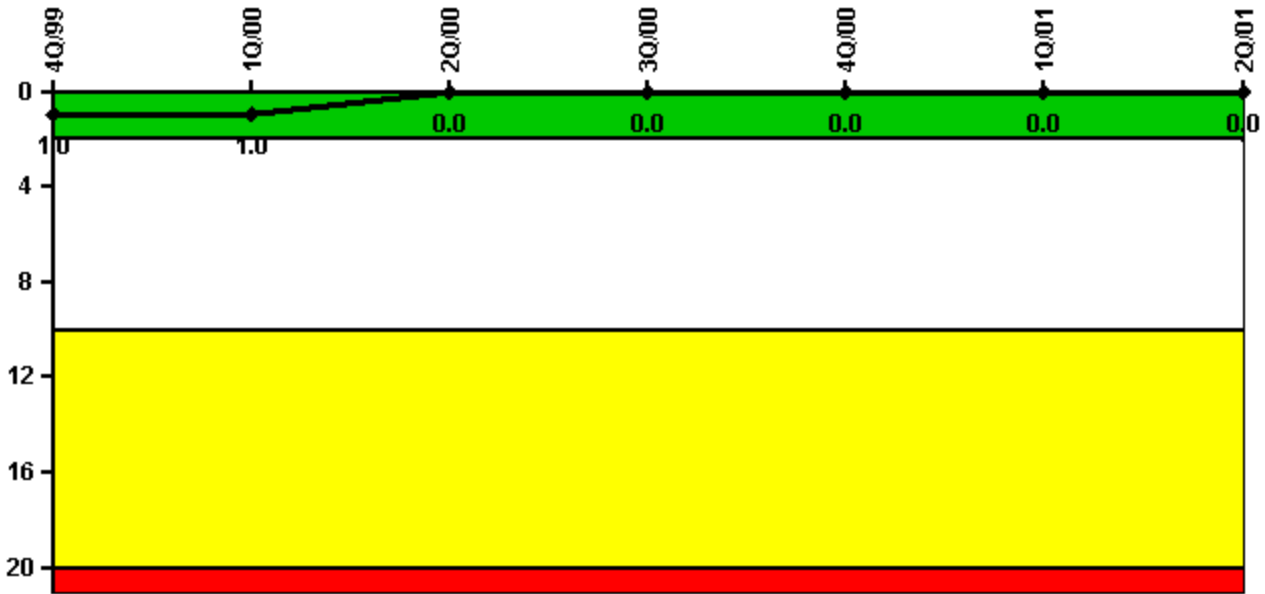
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Unplanned scrams	1.0	0	1.0	0	0	0	0
Critical hours	2185.4	2184.0	1526.7	2208.0	2209.0	2160.0	2183.0
Indicator value	2.4	0.8	1.7	1.7	0.9	0.9	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



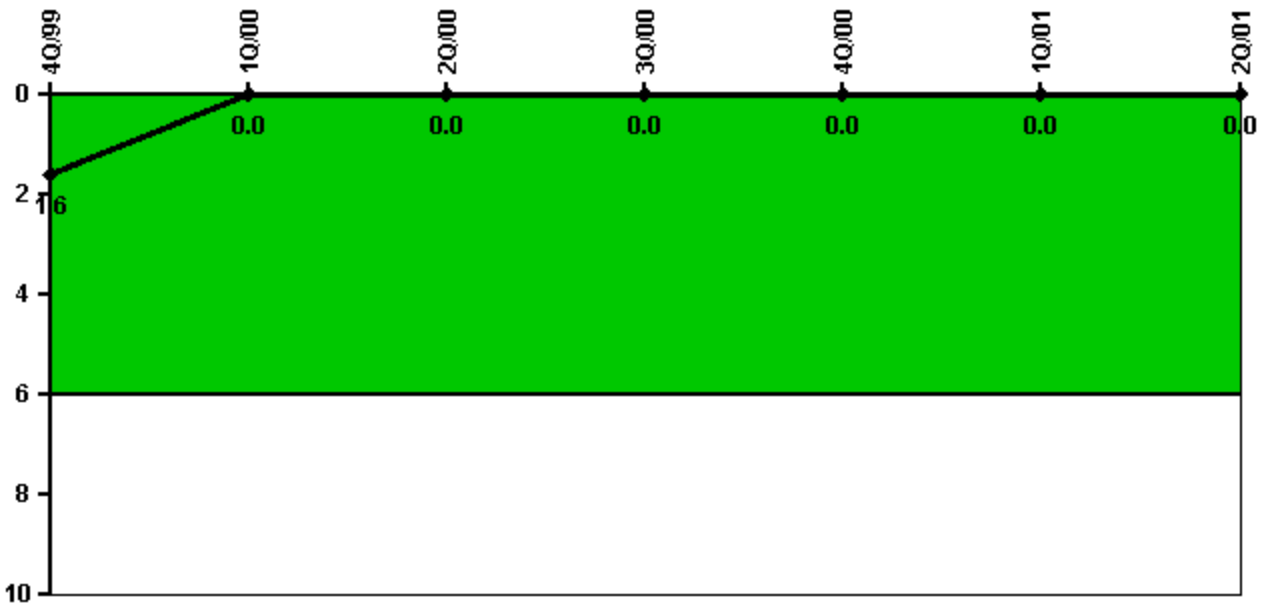
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Scrams	0	0	0	0	0	0	0
Indicator value	1.0	1.0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



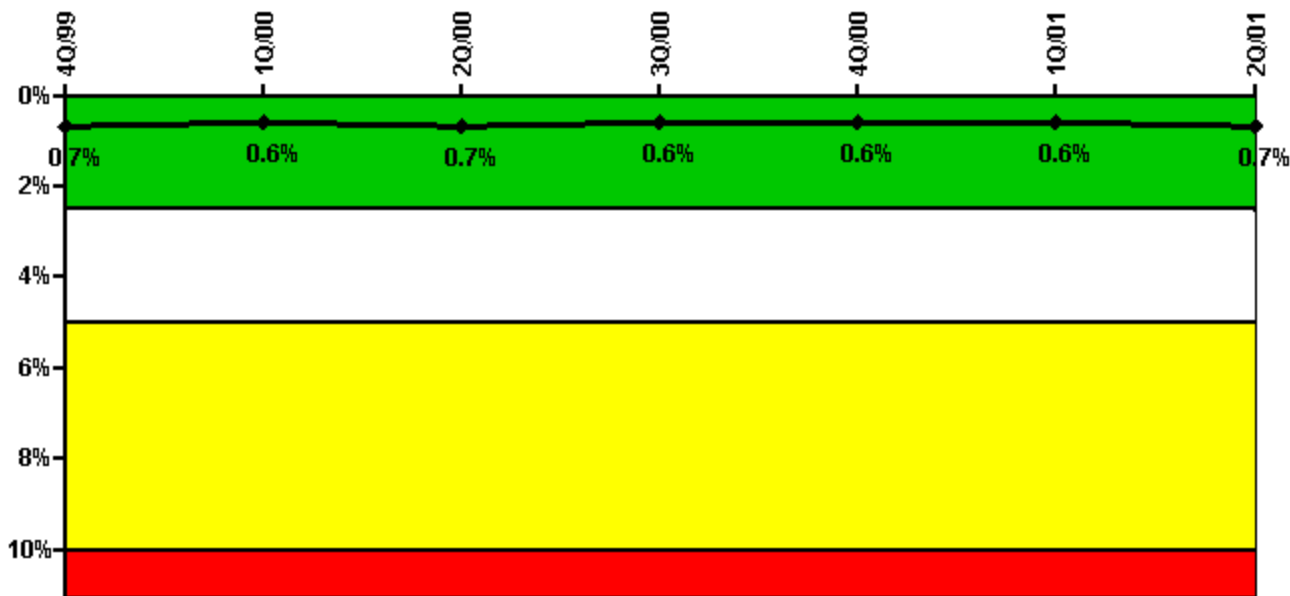
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Unplanned power changes	0	0	0	0	0	0	0
Critical hours	2185.4	2184.0	1526.7	2208.0	2209.0	2160.0	2183.0
Indicator value	1.6	0	0	0	0	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



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

Notes

Safety System Unavailability, Emergency AC Power	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	0	18.20	2.20	19.85	3.01	15.84	3.49
Unplanned unavailable hours	0	0	2.00	0	0.32	6.50	0.20
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	1881.50	2208.00	2209.00	2160.00	2183.00
Train 2							
Planned unavailable hours	34.80	2.30	28.50	7.84	2.51	35.63	12.93
Unplanned unavailable hours	0	0	2.80	0	0.75	1.47	9.26
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	1942.80	2208.00	2209.00	2160.00	2183.00
Indicator value	0.7%	0.6%	0.7%	0.6%	0.6%	0.6%	0.7%

Licensee Comments:

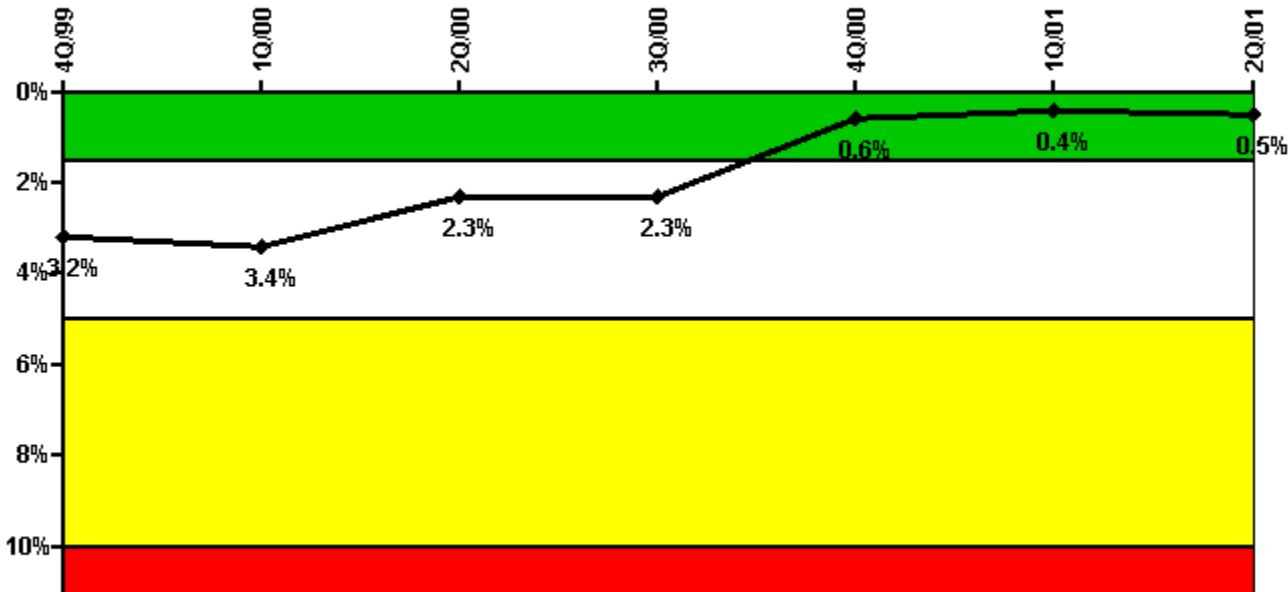
2Q/01: Based upon Maintenance Rule Database review, added .2 hours Unplanned Unavailability for Train 1 for 5/2001. No PI color change involved.

1Q/01: Corrected Train 2 planned and unplanned unavailable hours for 3/2001 as resubmitted by system engineer following operability determination which subsequently determined that EDG-B was functional prior to being placed into maintenance mode.

3Q/00: Corrected September Train 2 planned data to show additional .01 that was previously dropped due to a rounding error. No impact on color.

2Q/00: Corrected May Train 1 planned and unplanned data to reflect revised support system data. No change to indicator color. Corrected April Train 2 unplanned data to reflect revision of support system data.

Safety System Unavailability, High Pressure Injection System (HPSI)



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

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	5.22	1.18	0.45	7.03	0.47	10.45	25.40
Unplanned unavailable hours	0	0	0	0	0	0	0
Fault exposure hours	842.84	0	0	0	0	0	0
Effective Reset hours	0	0	485.93	0	842.84	0	0
Required hours	2209.00	2184.00	1832.00	2208.00	2209.00	2160.00	2183.00
Train 2							
Planned unavailable hours	6.80	7.98	0.25	4.75	7.47	9.65	30.65
Unplanned unavailable hours	0	0.77	0	0	0	0	8.95
Fault exposure hours	0	97.05	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	97.05	0
Required hours	2209.00	2184.00	1832.00	2208.00	2209.00	2160.00	2183.00
Indicator value	3.2%	3.4%	2.3%	2.3%	0.6%	0.4%	0.5%

Licensee Comments:

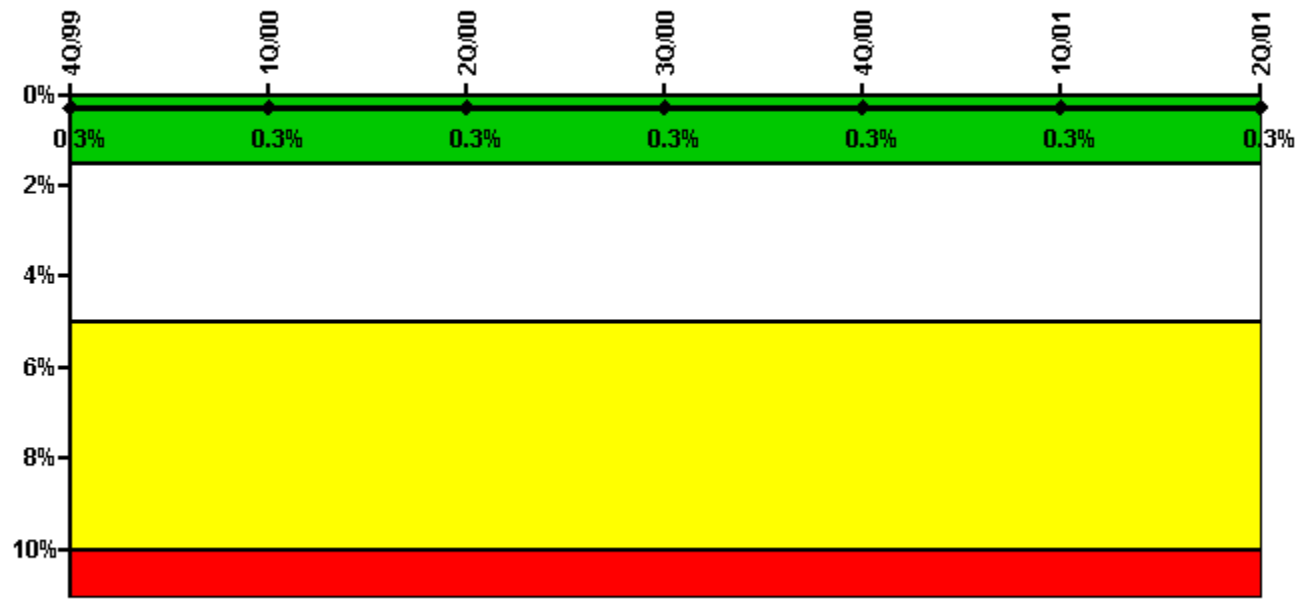
1Q/00: Q1/2000 Data revised due to the discovery of internal pump damage on the replacement pump being used to substitute for the normal CSIP on B train. Revised on 10/20/00***On September 4th, 2000 it was determined that C CSIP had experienced bearing damage sometime since May 1999. Therefore, all hours that the C CSIP was in service for B CSIP during Q1/2000 are being counted as Unplanned Unavailable. Revised 04/21/01 after final determination was reached on the appropriate way to account for bearing failure.***Revised for Q2/2001 submittal to make all C CSIP unplanned unavailable hours fault exposure hours after thorough review with NRC and NEI over fault exposure definition. No impact on indicator color due to this change.

4Q/99: High Pressure Injection unavailability data revised for 4th quarter 1998 and 1st and 2nd quarters 1999 based on recent data validation.

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	1589.88	2208.00	2209.00	2160.00	2183.00
Train 2							
Planned unavailable hours	0	6.25	0	0	5.60	0	0
Unplanned unavailable hours	0	0	0	0	0	0	1.38
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	1589.88	2208.00	2209.00	2160.00	2183.00
Train 3							
Planned unavailable hours	0	12.09	8.25	10.92	0.47	0	6.83
Unplanned unavailable hours	0	6.52	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	1589.88	2208.00	2209.00	2160.00	2183.00
Indicator value	0.2%	0.3%	0.3%	0.2%	0.2%	0.2%	0.2%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



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

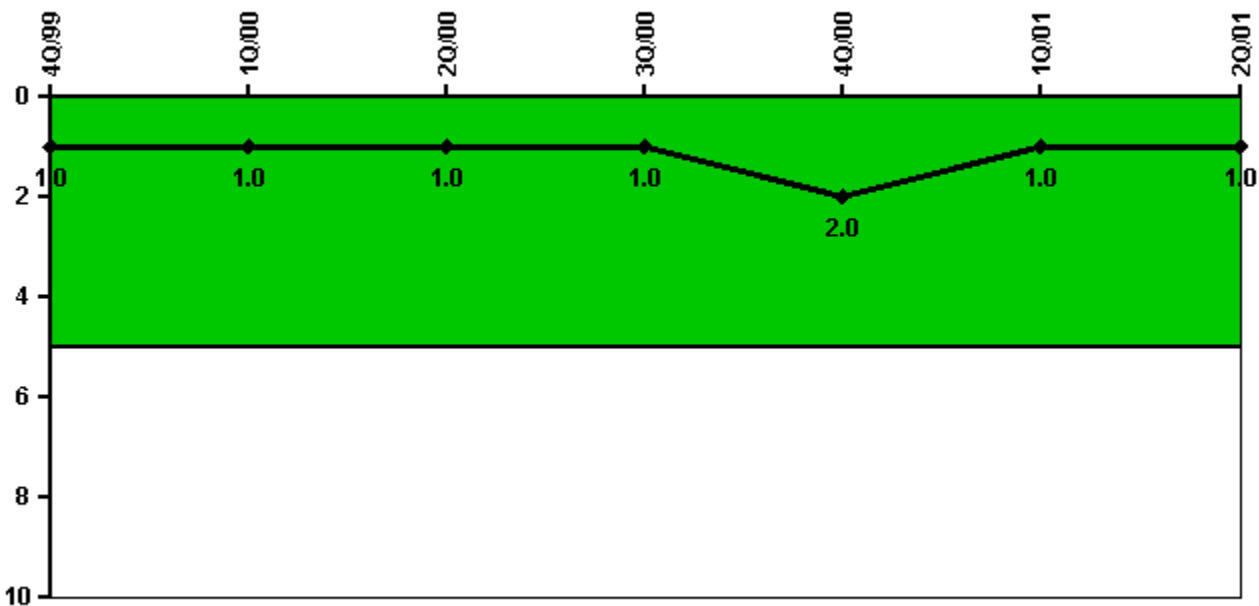
Notes

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	0	2.30	0	10.50	8.00	5.20	0

Unplanned unavailable hours	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2035.00	2208.00	2209.00	2160.00	2183.00
Train 2							
Planned unavailable hours	5.50	0	3.70	0	3.00	0	1.20
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	2035.00	2208.00	2209.00	2160.00	2183.00
Indicator value	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

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

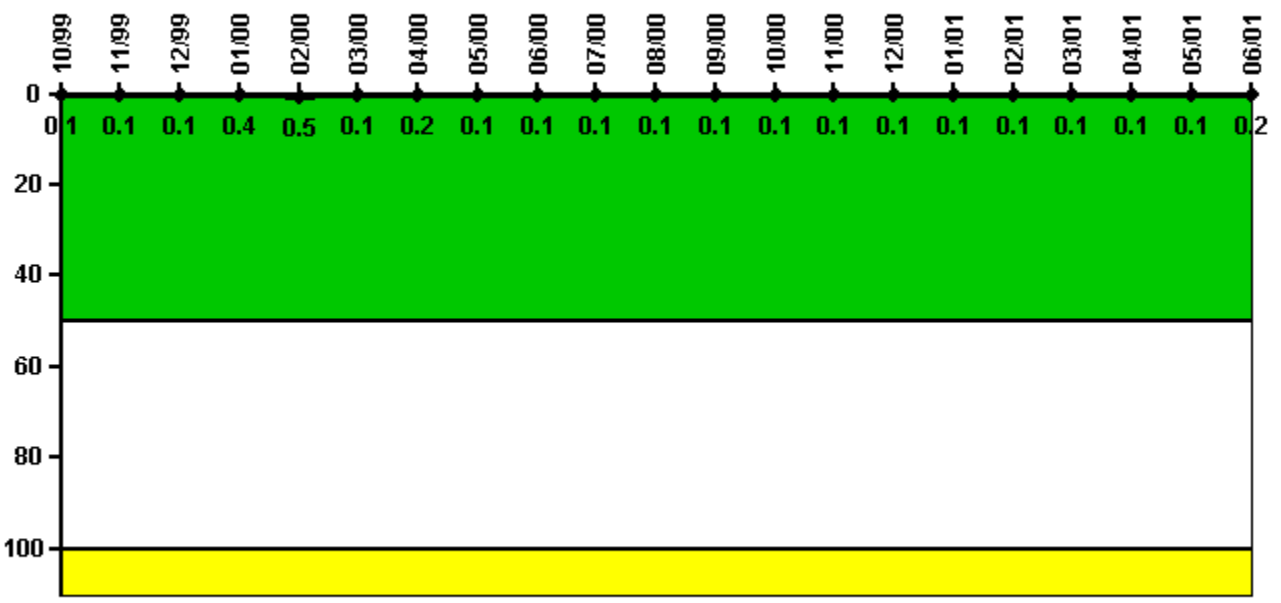
Licensee Comments:

4Q/00: Functional failure discovered for C CSIP. C CSIP is a standby pump and is in service only intermittently for A or B Train. Ref. LER # 2000-007 rev. 0. This FF was moved from 3rd Qtr and reported in 4th Qtr (Oct) when LER was submitted to document failure, per NEI 99-02

guidelines.

3Q/00: SSFF was reported in wrong Qtr. Moved to 4th Qtr (Oct.) when LER was submitted to document failure.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

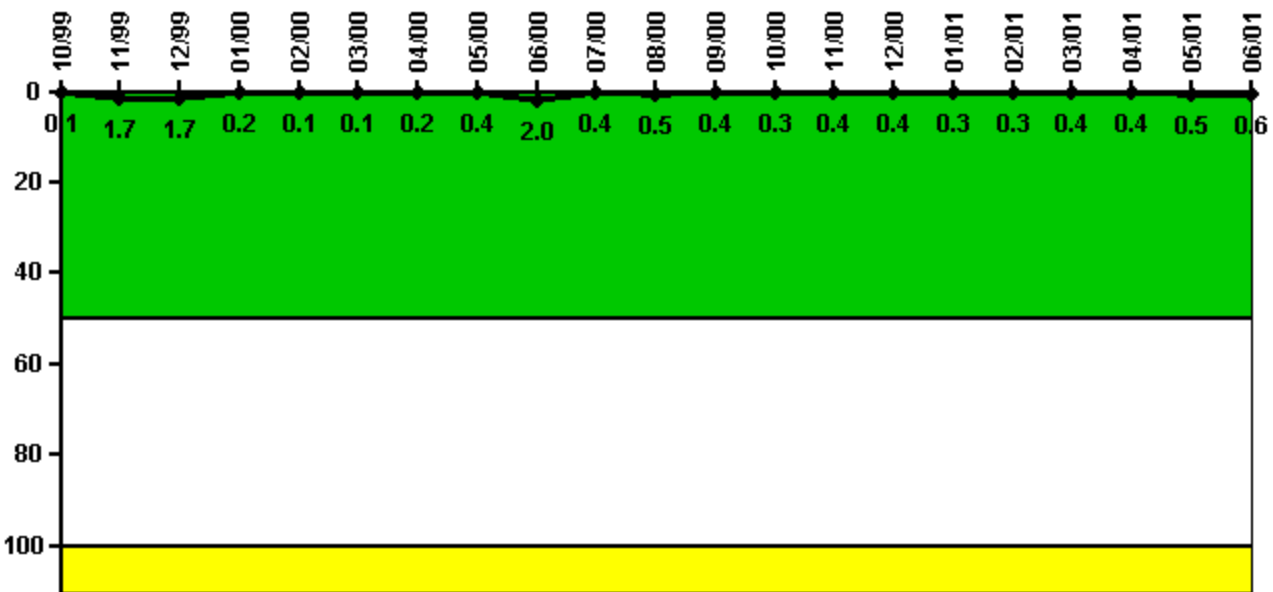
Notes

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	0.001046	0.001041	0.001084	0.003602	0.004650	0.001196	0.002300	0.000587	0.001428	0.000636	0.000671	0.000669
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.4	0.5	0.1	0.2	0.1	0.1	0.1	0.1	0.1

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum activity	0.000716	0.000728	0.000749	0.000779	0.000791	0.000820	0.000837	0.000939	0.002140
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

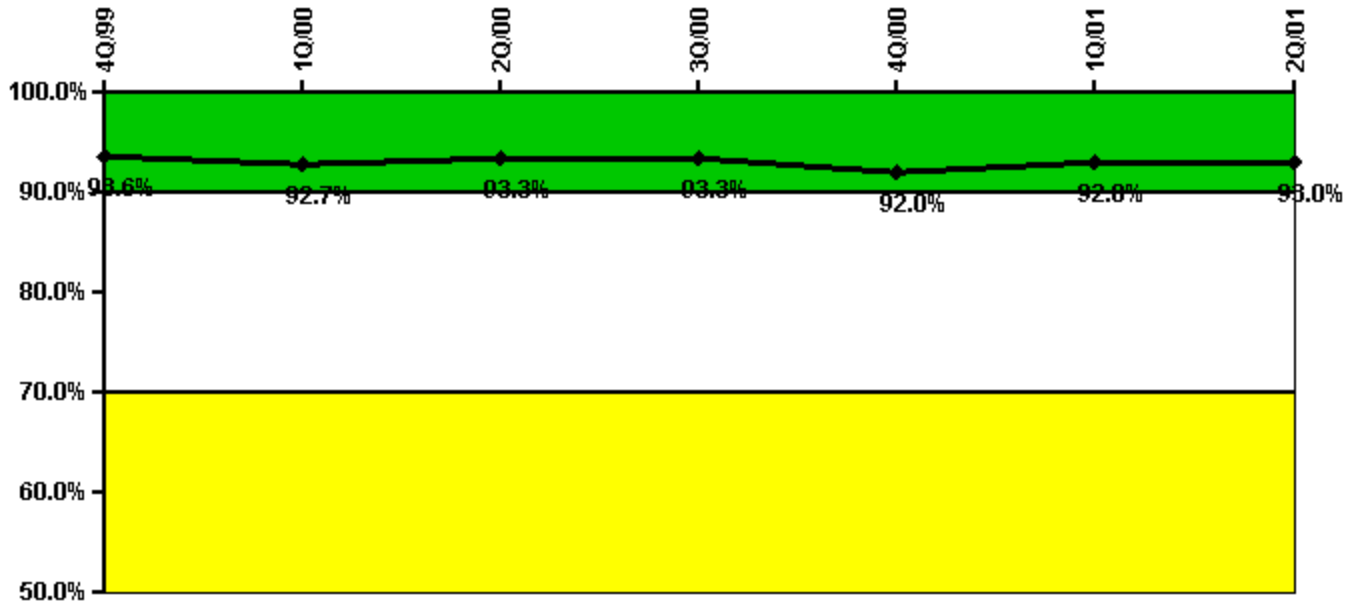
Notes

Reactor Coolant System Leakage	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum leakage	0.010	0.170	0.170	0.020	0.010	0.010	0.020	0.040	0.200	0.040	0.050	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	1.7	1.7	0.2	0.1	0.1	0.2	0.4	2.0	0.4	0.5	0.4

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum leakage	0.030	0.040	0.040	0.030	0.030	0.040	0.040	0.050	0.060
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.4	0.4	0.3	0.3	0.4	0.4	0.5	0.6

Licensee Comments: none

Drill/Exercise Performance



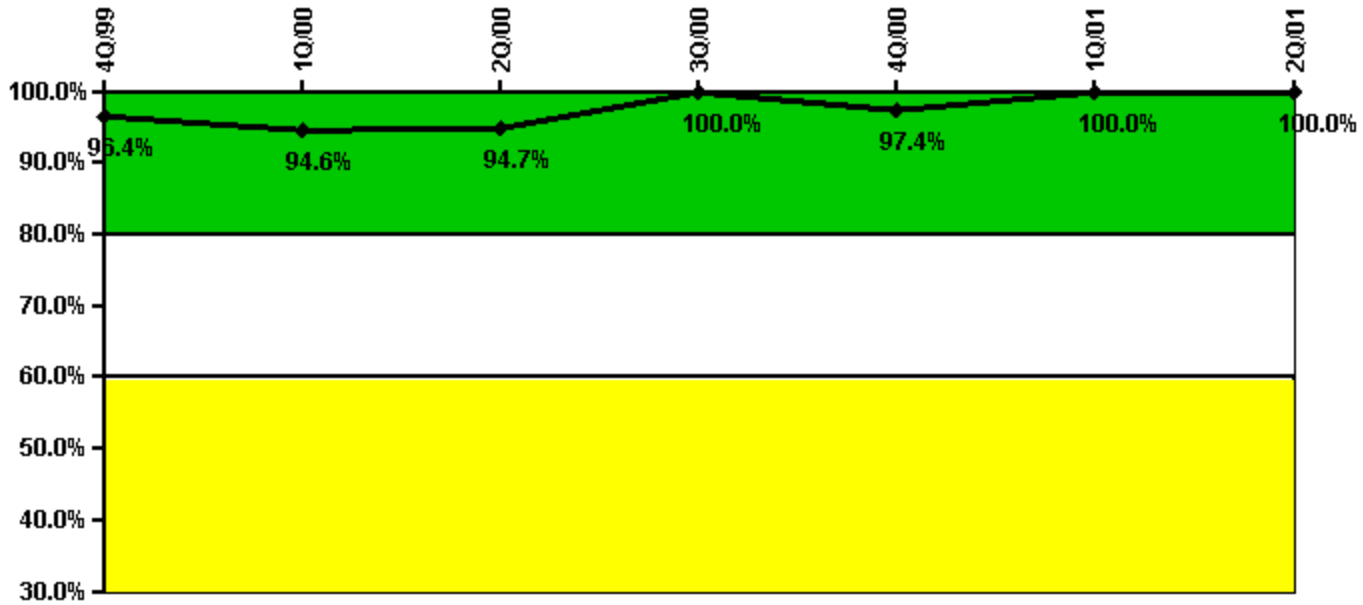
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Successful opportunities	52.0	43.0	37.0	13.0	5.0	34.0	26.0
Total opportunities	58.0	48.0	38.0	14.0	9.0	34.0	26.0
Indicator value	93.6%	92.7%	93.3%	93.3%	92.0%	92.8%	93.0%

Licensee Comments: none

ERO Drill Participation



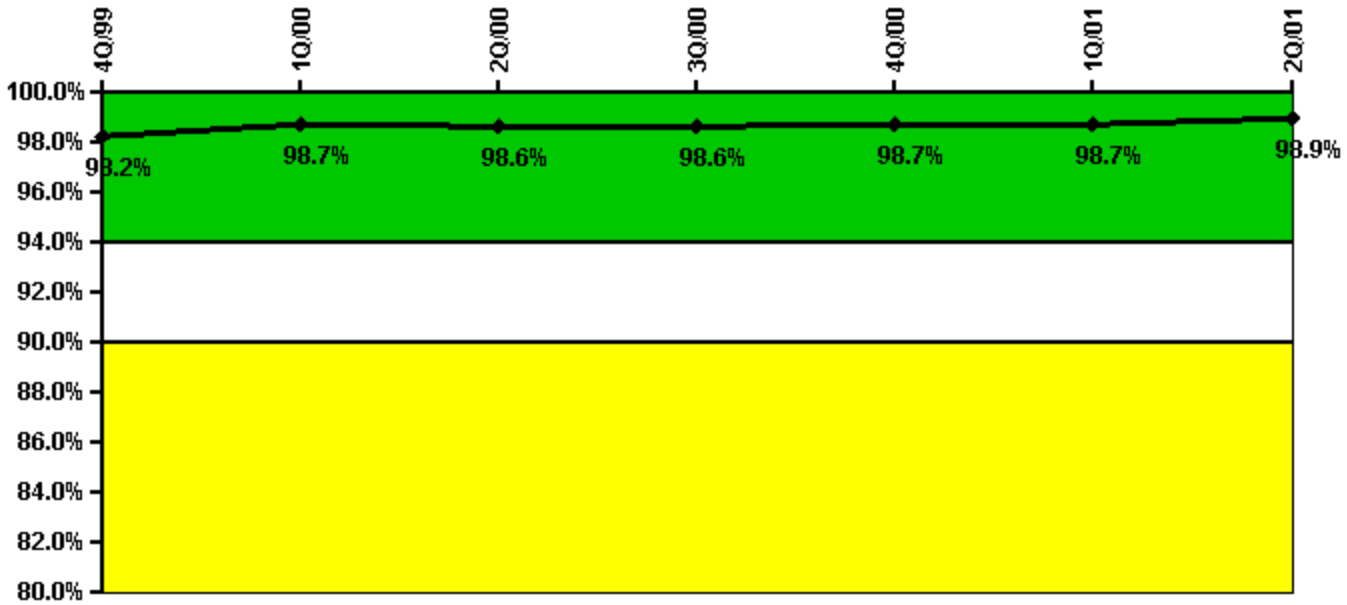
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Participating Key personnel	54.0	53.0	54.0	40.0	37.0	37.0	37.0
Total Key personnel	56.0	56.0	57.0	40.0	38.0	37.0	37.0
Indicator value	96.4%	94.6%	94.7%	100.0%	97.4%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Successful siren-tests	477	645	554	640	559	645	559
Total sirens-tests	486	648	567	648	567	648	567
Indicator value	98.2%	98.7%	98.6%	98.6%	98.7%	98.7%	98.9%

Licensee Comments:

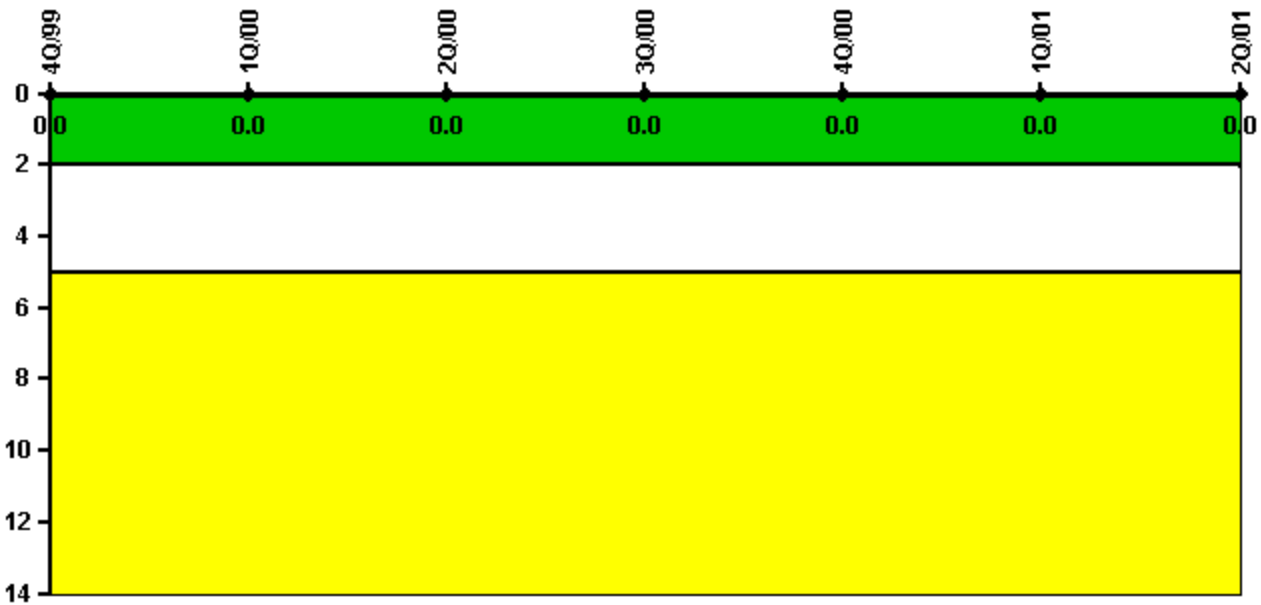
4Q/00: Data correction for failure of siren #19. Corrected for Growl Test in Feb, May, Aug and Nov, also Full Volume test in Oct.

3Q/00: Data correction for failure of siren #19. Corrected for Growl Test in Feb, May, Aug and Nov, also Full Volume test in Oct.

2Q/00: Data correction for failure of siren #19. Corrected for Growl Test in Feb, May, Aug and Nov, also Full Volume test in Oct.

1Q/00: Data correction for failure of siren #19. Corrected for Growl Test in Feb, May, Aug and Nov, also Full Volume test in Oct.

Occupational Exposure Control Effectiveness



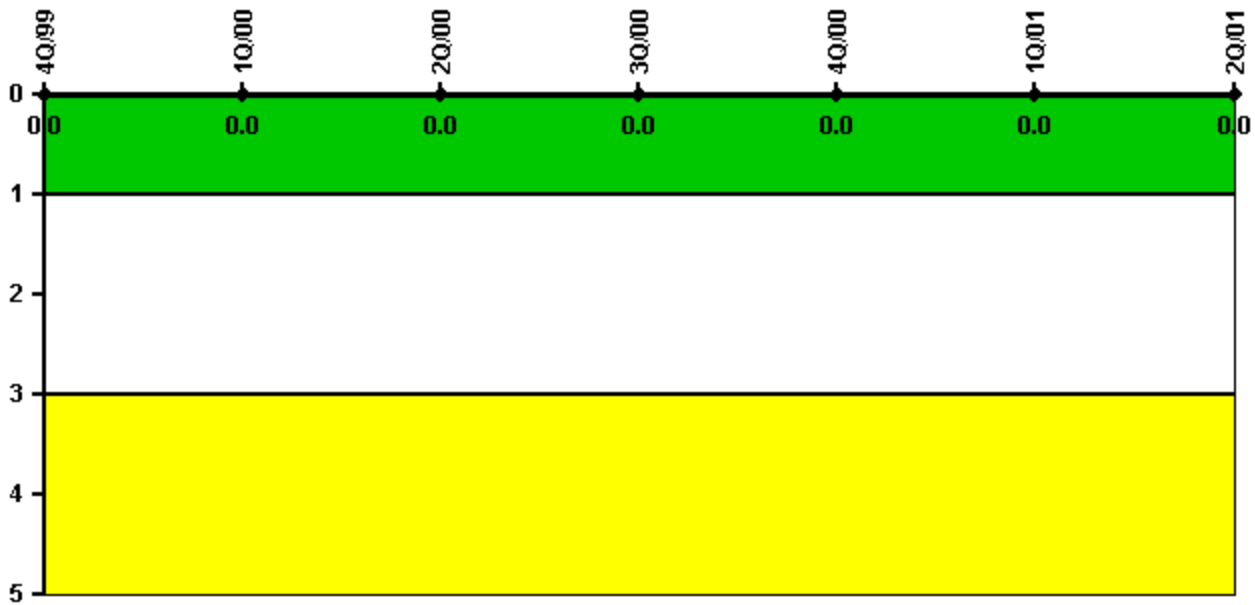
Thresholds: White > 2.0 Yellow > 5.0

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	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



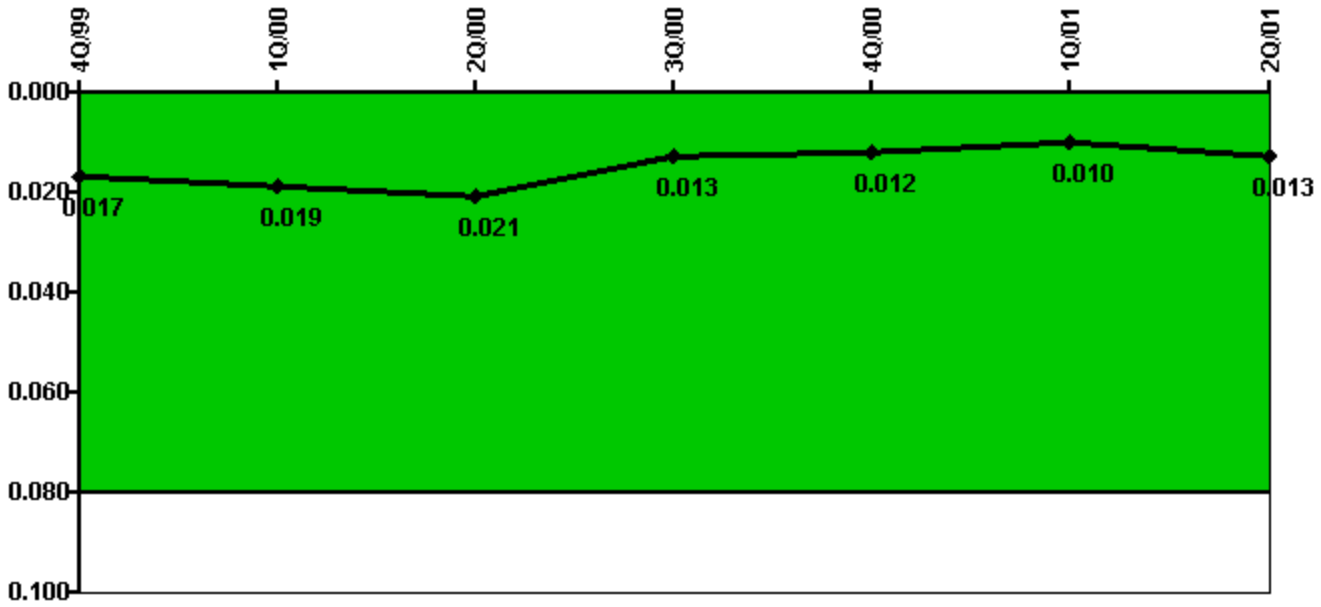
Thresholds: White > 1.0 Yellow > 3.0

Notes

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

Licensee Comments: none

Protected Area Security Performance Index



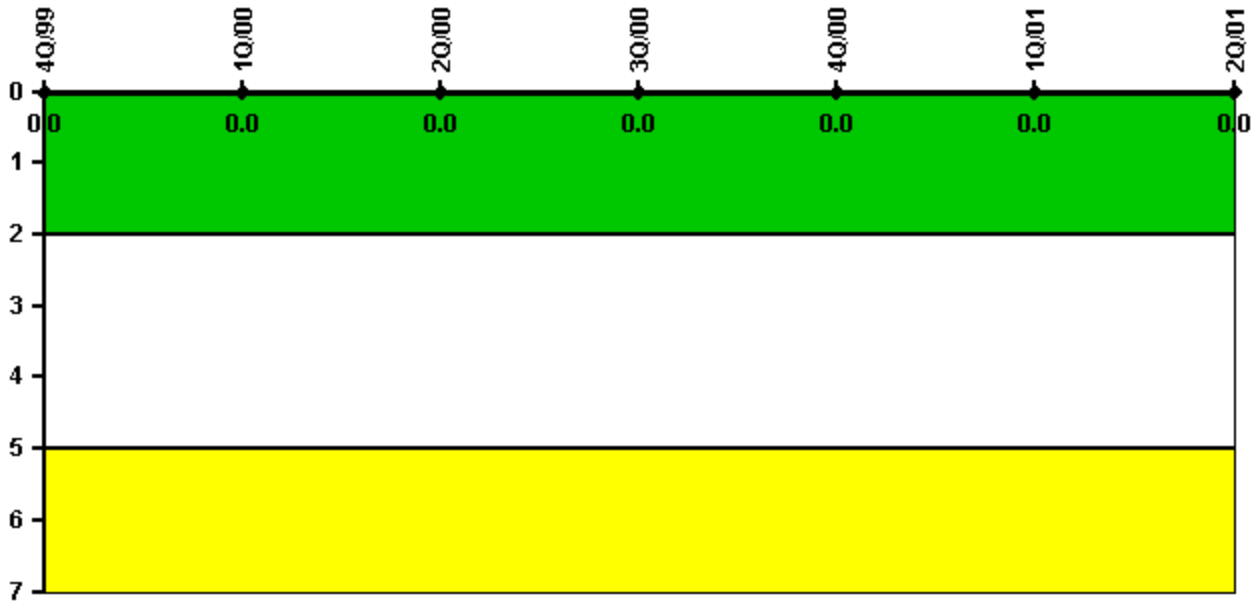
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
IDS compensatory hours	129.20	264.20	101.92	128.85	108.40	53.08	256.70
CCTV compensatory hours	0	0	0	0	0	61.4	0.5
IDS normalization factor	2.85	2.85	2.85	2.85	2.85	2.85	2.85
CCTV normalization factor	1.4	1.4	1.4	1.4	1.4	1.4	1.4
Index Value	0.017	0.019	0.021	0.013	0.012	0.010	0.013

Licensee Comments: none

Personnel Screening Program



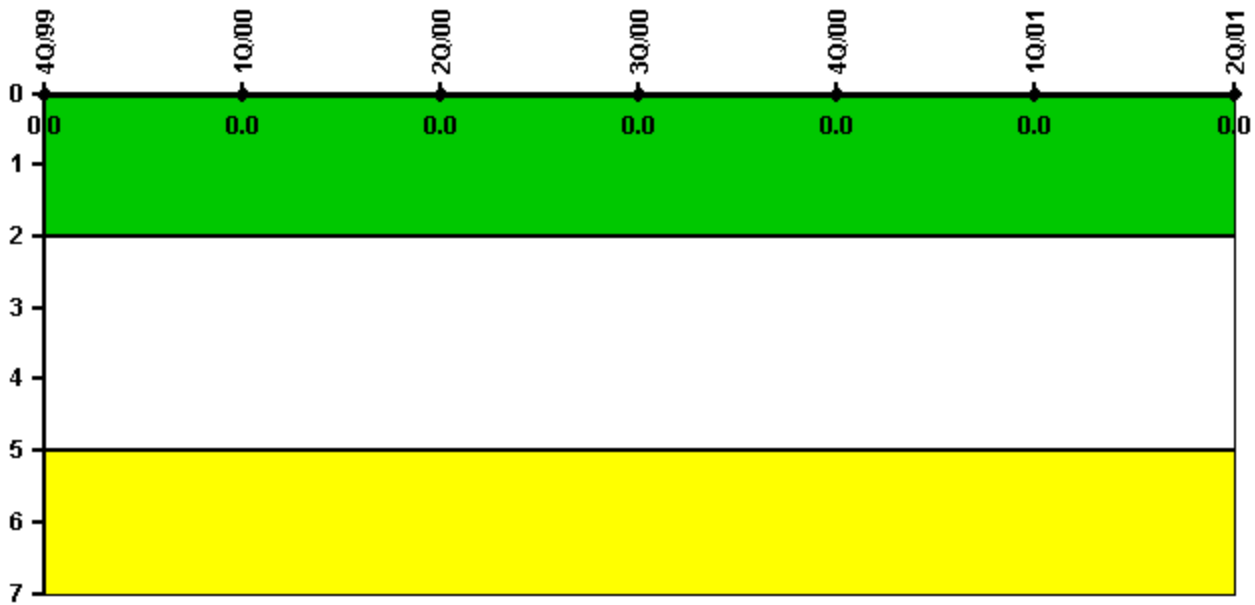
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

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

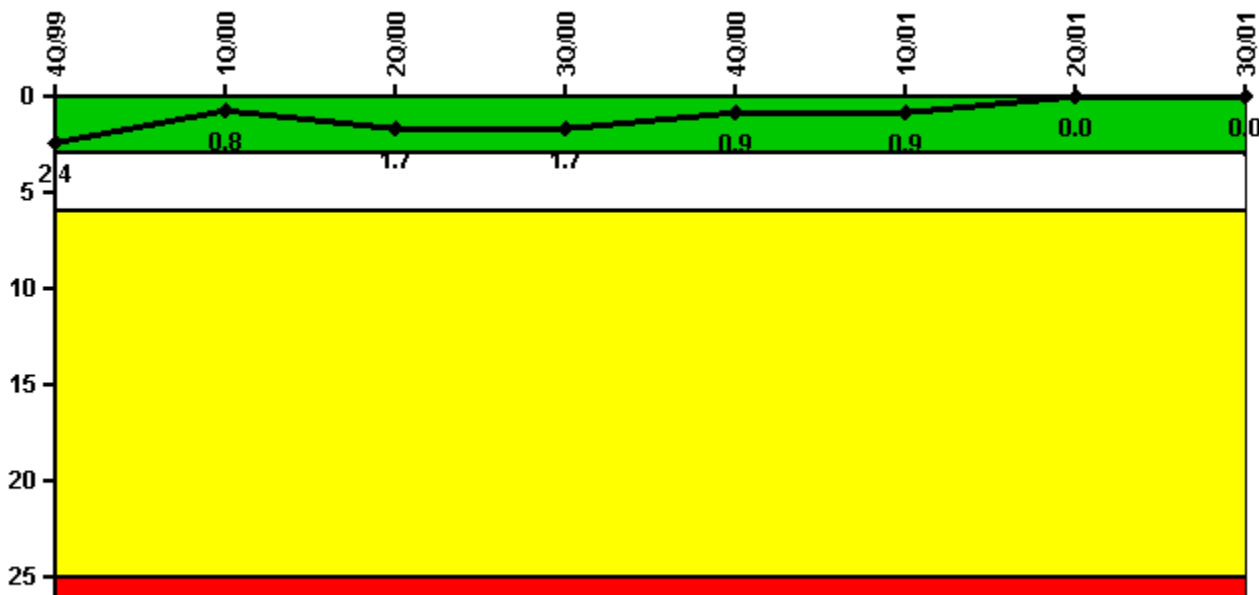
Last Modified: March 27, 2002

Harris 1

3Q/2001 Performance Indicators

Licensee's General Comments: (1)Moved SSFF reported Q3/2000 to Q4/2000 when LER was submitted. Change does not affect PI color.

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

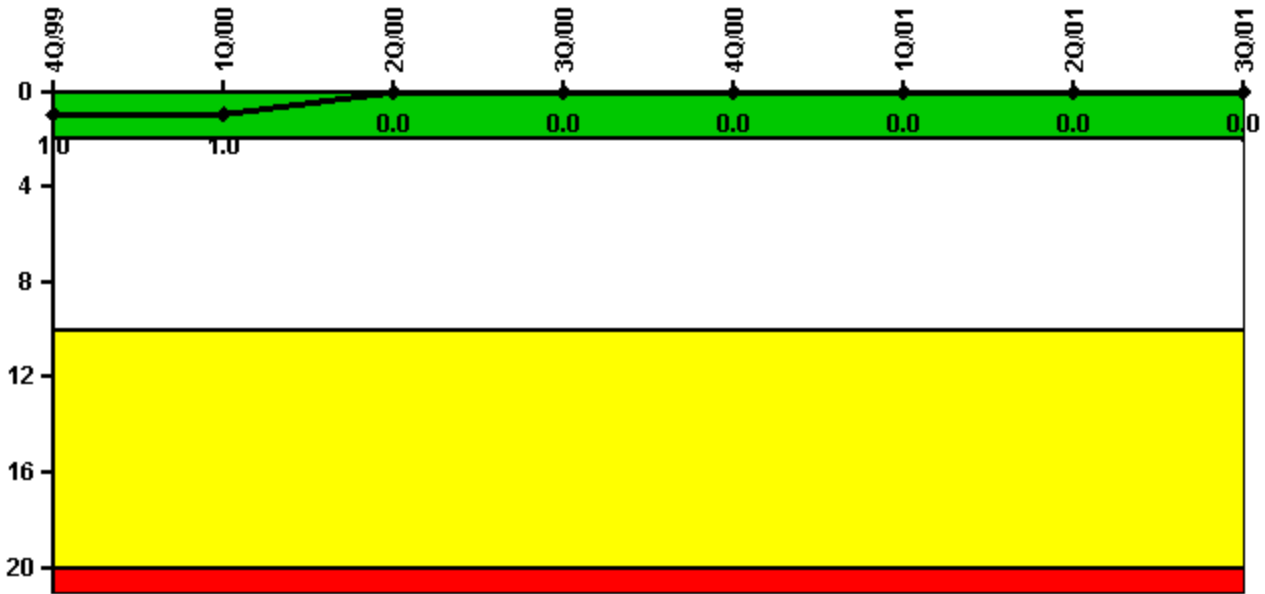
Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Unplanned scrams	1.0	0	1.0	0	0	0	0	0
Critical hours	2185.4	2184.0	1526.7	2208.0	2209.0	2160.0	2183.0	1992.2
Indicator value	2.4	0.8	1.7	1.7	0.9	0.9	0	0

Licensee Comments:

3Q/01: Began Refueling Outage 10 9/22/01

Scrams with Loss of Normal Heat Removal



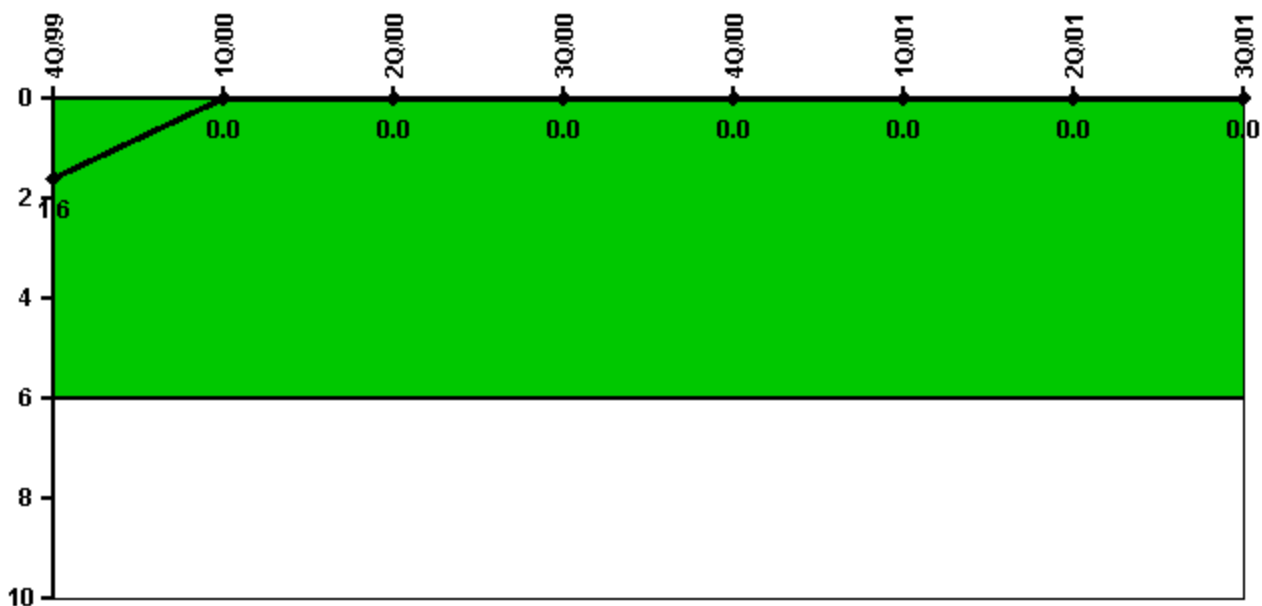
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

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	1.0	1.0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



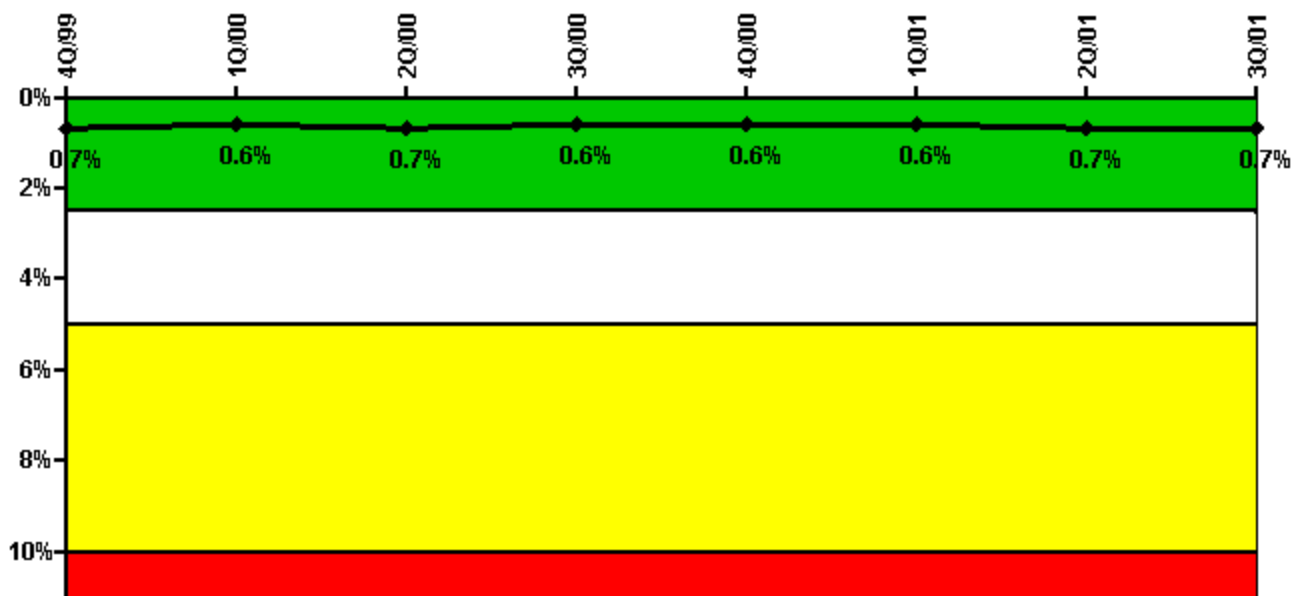
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2185.4	2184.0	1526.7	2208.0	2209.0	2160.0	2183.0	1992.2
Indicator value	1.6	0	0	0	0	0	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



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

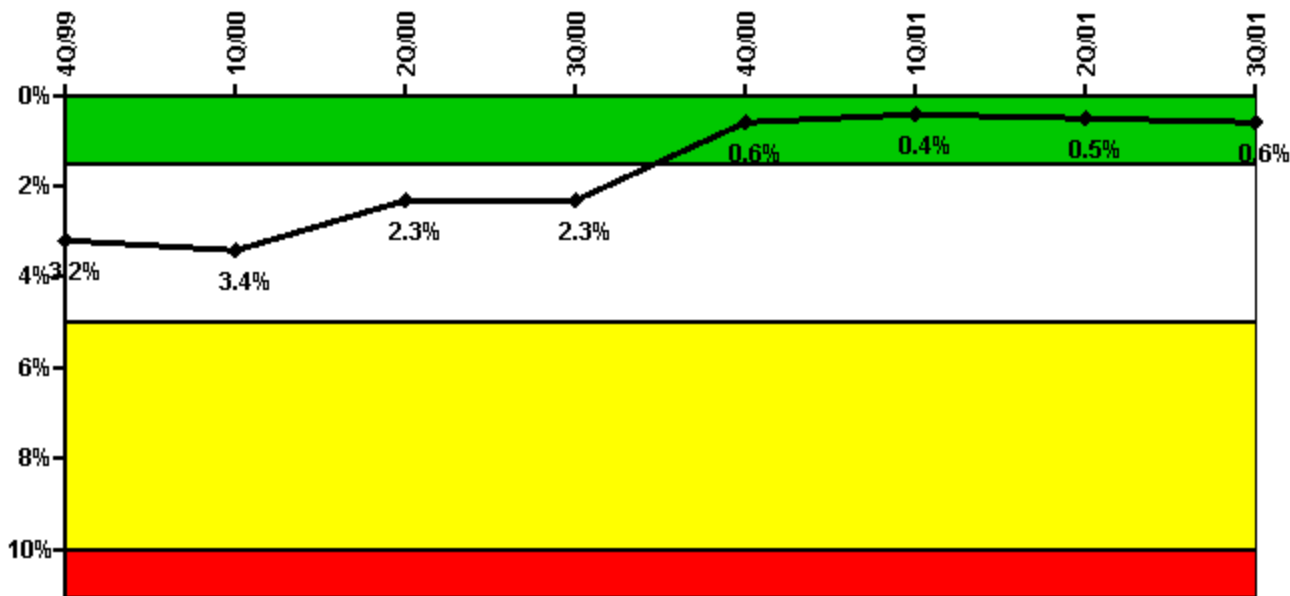
Notes

Safety System Unavailability, Emergency AC Power	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1								
Planned unavailable hours	0	18.20	2.20	19.85	3.01	15.84	3.49	21.09
Unplanned unavailable hours	0	0	2.00	0	0.32	6.50	0.20	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	2209.00	2184.00	1881.50	2208.00	2209.00	2160.00	2183.00	2005.50
Train 2								
Planned unavailable hours	34.80	2.30	28.50	7.84	2.51	35.63	12.93	1.78
Unplanned unavailable hours	0	0	2.80	0	0.75	1.47	9.26	0
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	1942.80	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	0.7%	0.6%	0.7%	0.6%	0.6%	0.6%	0.7%	0.7%

Licensee Comments:

2Q/01: Based upon Maintenance Rule Database review, added .2 hours Unplanned Unavailability for Train 1 for 5/2001. No PI color change involved.

Safety System Unavailability, High Pressure Injection System (HPSI)



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

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1								
Planned unavailable hours	5.22	1.18	0.45	7.03	0.47	10.45	25.40	36.36
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	842.84	0	0	0	0	0	0	0
Effective Reset hours	0	0	485.93	0	842.84	0	0	0
Required hours	2209.00	2184.00	1832.00	2208.00	2209.00	2160.00	2183.00	2005.50
Train 2								
Planned unavailable hours	6.80	7.98	0.25	4.75	7.47	9.65	30.65	8.52
Unplanned unavailable hours	0	0.77	0	0	0	0	8.95	0
Fault exposure hours	0	97.05	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	97.05	0	0
Required hours	2209.00	2184.00	1832.00	2208.00	2209.00	2160.00	2183.00	2005.50
Indicator value	3.2%	3.4%	2.3%	2.3%	0.6%	0.4%	0.5%	0.6%

Licensee Comments: none

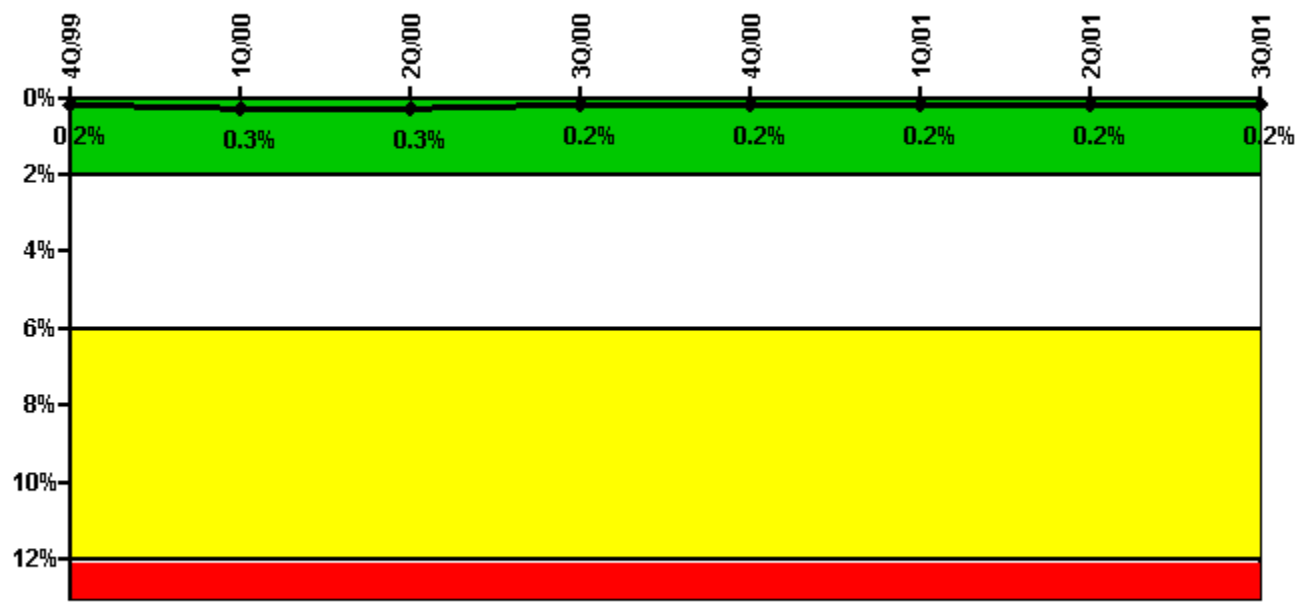
Effective Reset Comments:

1Q/01: Criteria met to reset FE hours.

4Q/00: Criteria met to reset FE hours.

2Q/00: Criteria has been met for reset of FE hours.

Safety System Unavailability, Heat Removal System (AFW)



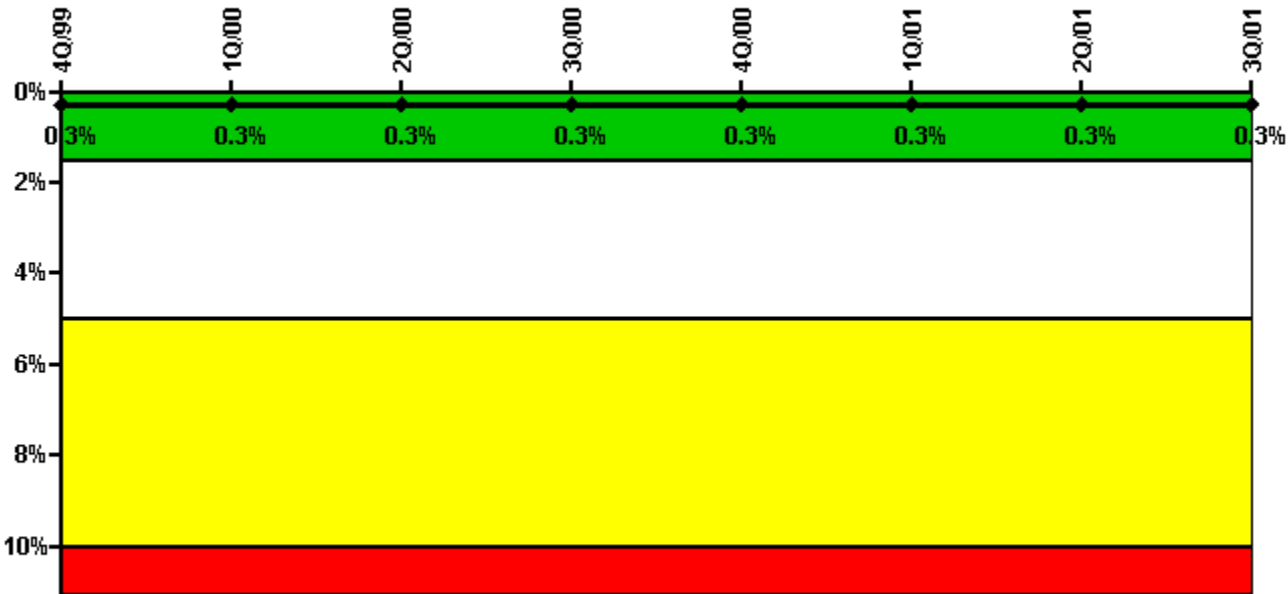
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1								
Planned unavailable hours	0	0	9.00	0	0	0	1.17	0
Unplanned unavailable hours	0	0	0	0	0	0	4.27	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	1589.88	2208.00	2209.00	2160.00	2183.00	1996.72
Train 2								
Planned unavailable hours	0	6.25	0	0	5.60	0	0	3.38
Unplanned unavailable hours	0	0	0	0	0	0	1.38	0
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	1589.88	2208.00	2209.00	2160.00	2183.00	1996.72
Train 3								
Planned unavailable hours	0	12.09	8.25	10.92	0.47	0	6.83	8.47
Unplanned unavailable hours	0	6.52	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	1589.88	2208.00	2209.00	2160.00	2183.00	1996.72
Indicator value	0.2%	0.3%	0.3%	0.2%	0.2%	0.2%	0.2%	0.2%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



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

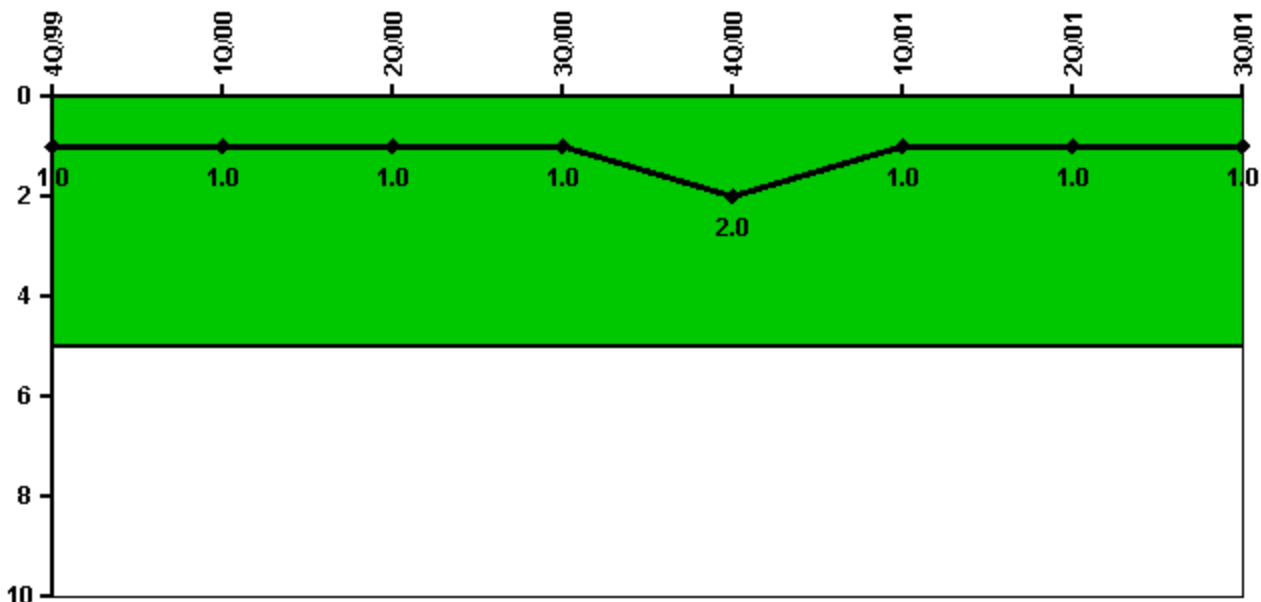
Notes

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	0	2.30	0	10.50	8.00	5.20	0	4.00
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2035.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	5.50	0	3.70	0	3.00	0	1.20	8.30
Unplanned unavailable hours	0	0	0	0	0	0	0	3.70
Fault exposure hours	0	0	0	0	0	0	0	7.70
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2035.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%

Licensee Comments:

3Q/01: An investigation is currently underway that may require a revision to the hours reported for 1A-SA RHR Train for the current and previous quarters.

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

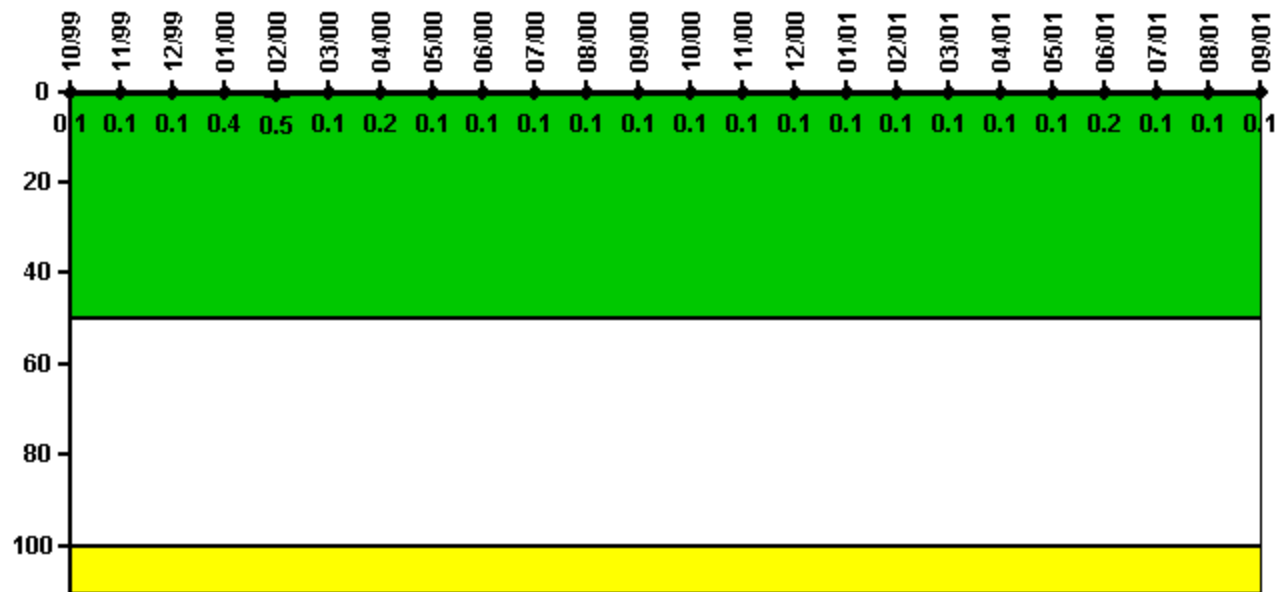
Safety System Functional Failures (PWR)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Safety System Functional Failures	0	1	0	0	1	0	0	0
Indicator value	1	1	1	1	2	1	1	1

Licensee Comments:

4Q/00: Functional failure discovered for C CSIP. C CSIP is a standby pump and is in service only intermittently for A or B Train. Ref. LER # 2000-007 rev. 0. This FF was moved from 3rd Qtr and reported in 4th Qtr (Oct) when LER was submitted to document failure, per NEI 99-02 guidelines.

3Q/00: SSFF was reported in wrong Qtr. Moved to 4th Qtr (Oct.) when LER was submitted to document failure.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

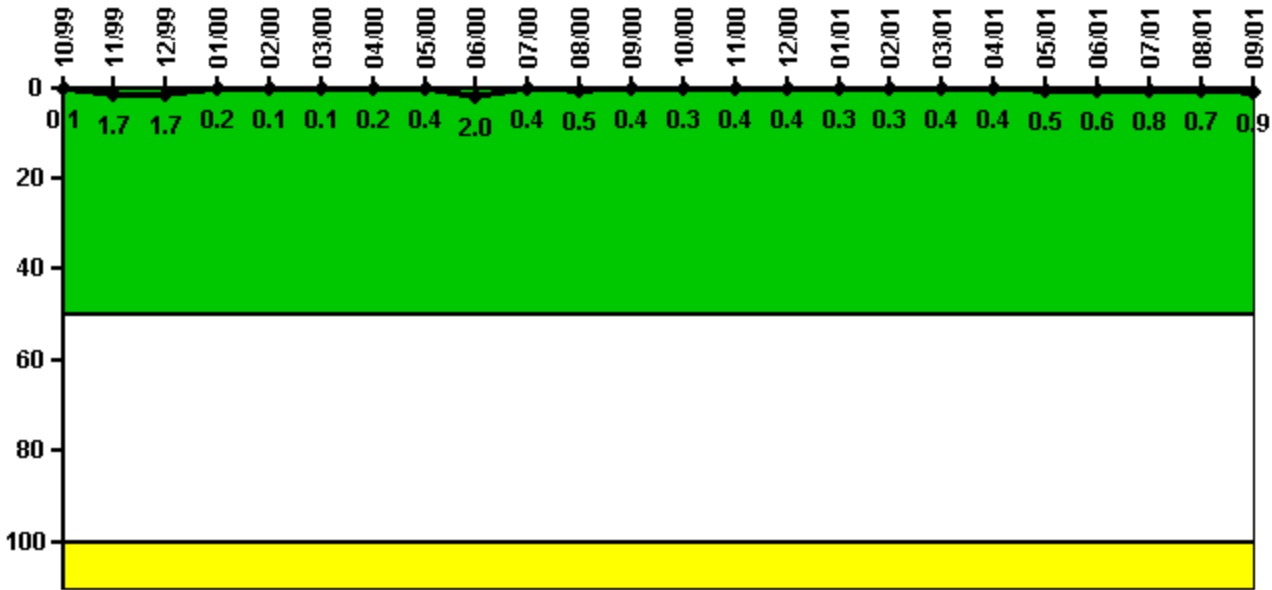
Notes

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	0.001046	0.001041	0.001084	0.003602	0.004650	0.001196	0.002300	0.000587	0.001428	0.000636	0.000671	0.000669
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.4	0.5	0.1	0.2	0.1	0.1	0.1	0.1	0.1

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01
Maximum activity	0.000716	0.000728	0.000749	0.000779	0.000791	0.000820	0.000837	0.000939	0.002140	0.001430	0.001323	0.001280
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

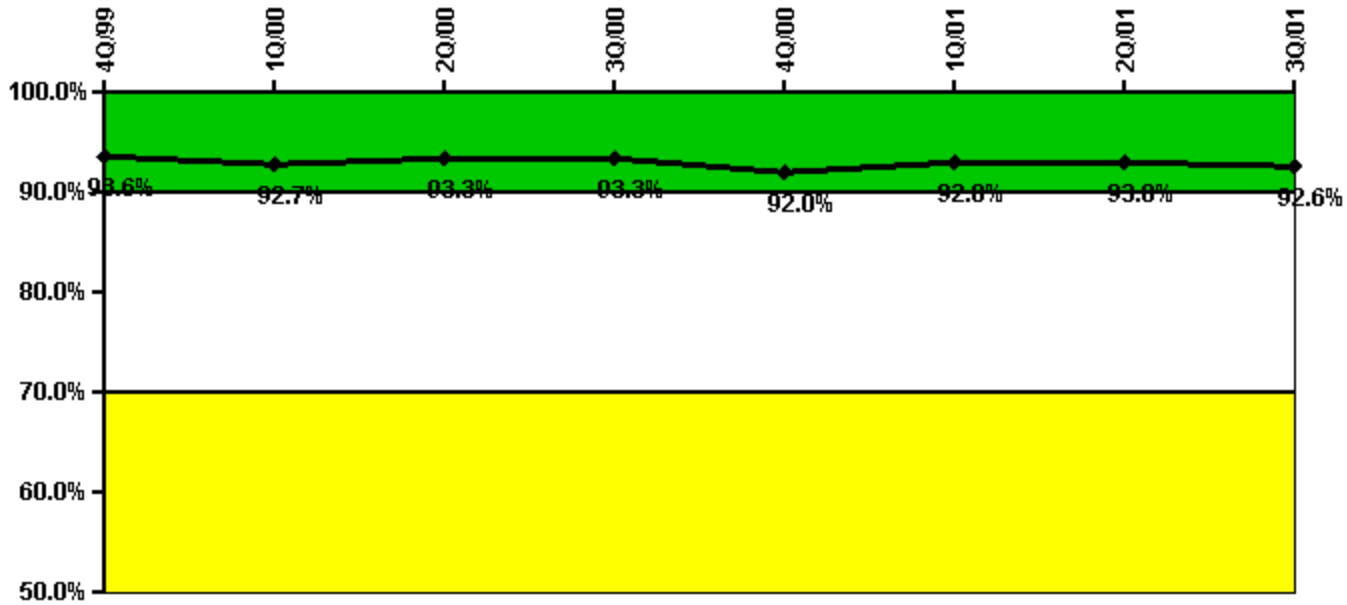
Notes

Reactor Coolant System Leakage	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum leakage	0.010	0.170	0.170	0.020	0.010	0.010	0.020	0.040	0.200	0.040	0.050	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	1.7	1.7	0.2	0.1	0.1	0.2	0.4	2.0	0.4	0.5	0.4

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01
Maximum leakage	0.030	0.040	0.040	0.030	0.030	0.040	0.040	0.050	0.060	0.080	0.070	0.090
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.4	0.4	0.3	0.3	0.4	0.4	0.5	0.6	0.8	0.7	0.9

Licensee Comments: none

Drill/Exercise Performance



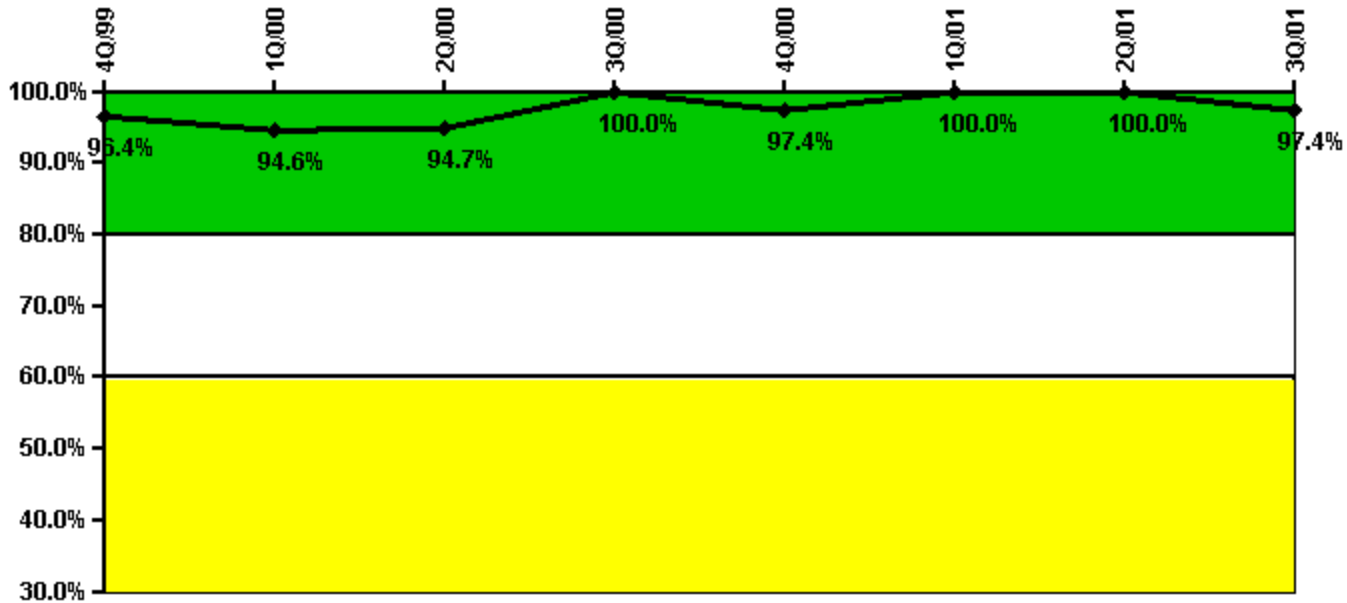
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Successful opportunities	52.0	43.0	37.0	13.0	5.0	34.0	26.0	4.0
Total opportunities	58.0	48.0	38.0	14.0	9.0	34.0	26.0	4.0
Indicator value	93.6%	92.7%	93.3%	93.3%	92.0%	92.8%	93.0%	92.6%

Licensee Comments: none

ERO Drill Participation



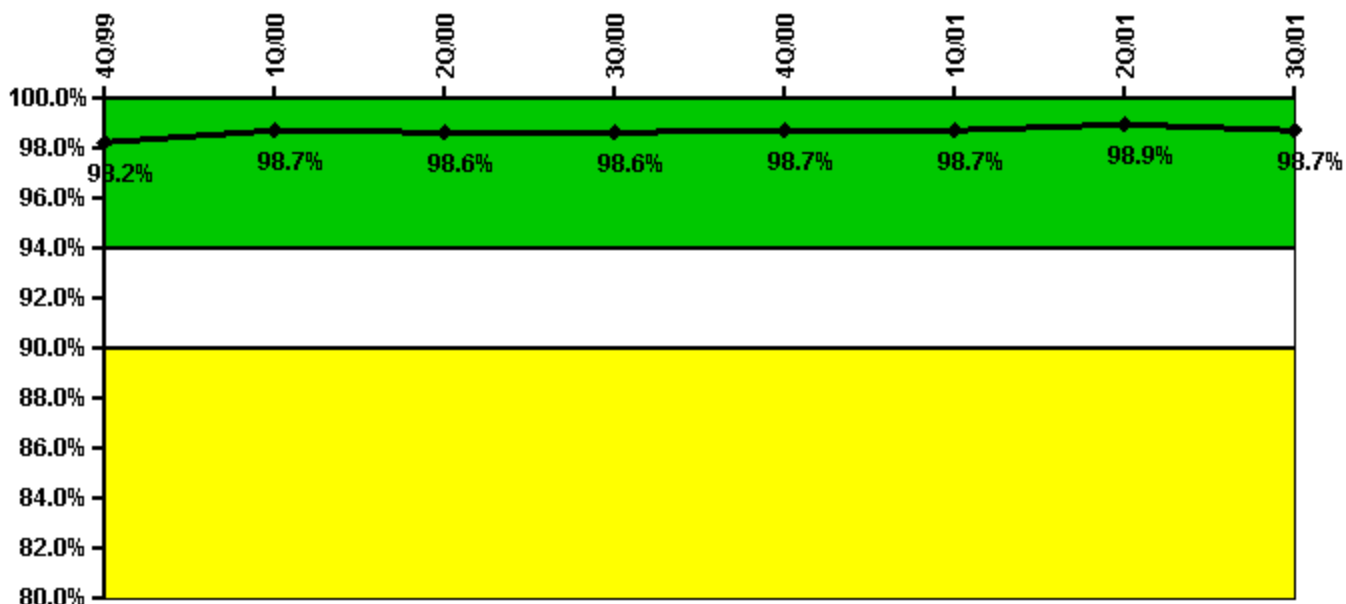
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Participating Key personnel	54.0	53.0	54.0	40.0	37.0	37.0	37.0	37.0
Total Key personnel	56.0	56.0	57.0	40.0	38.0	37.0	37.0	38.0
Indicator value	96.4%	94.6%	94.7%	100.0%	97.4%	100.0%	100.0%	97.4%

Licensee Comments: none

Alert & Notification System



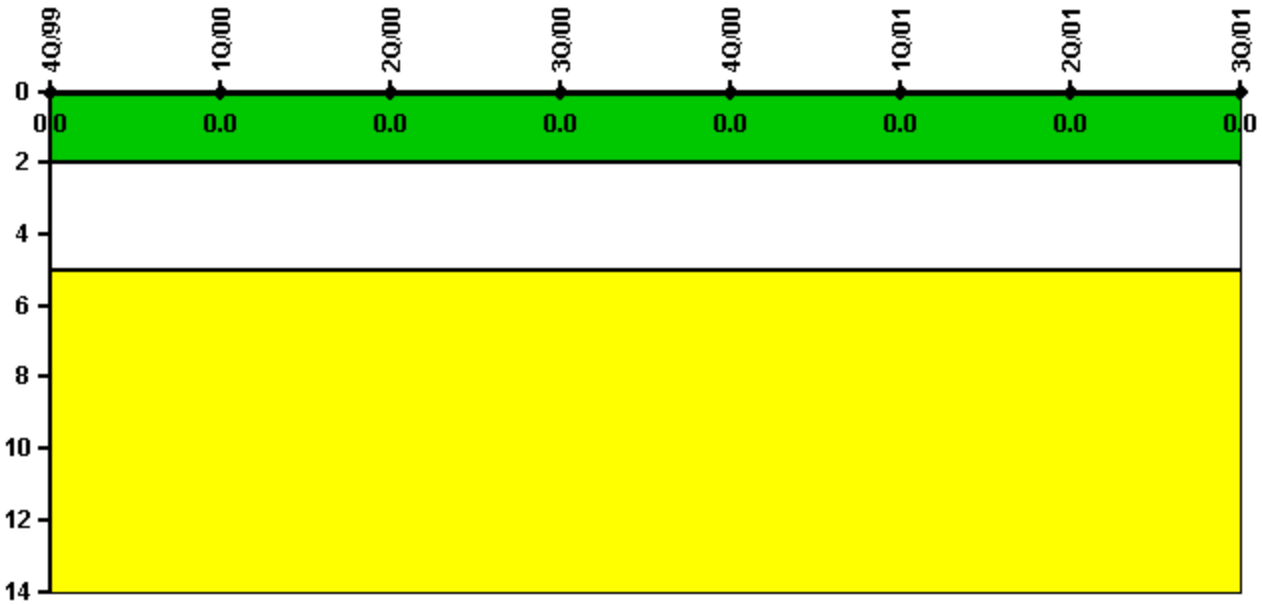
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Successful siren-tests	477	645	554	640	559	645	559	594
Total sirens-tests	486	648	567	648	567	648	567	607
Indicator value	98.2%	98.7%	98.6%	98.6%	98.7%	98.7%	98.9%	98.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



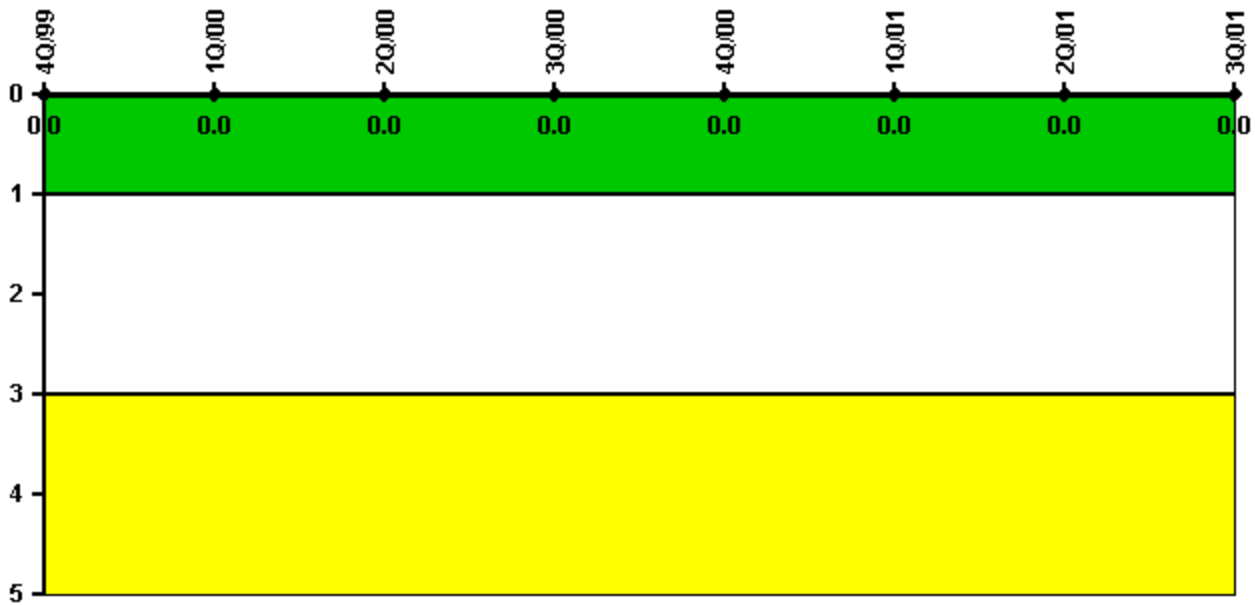
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

RETS/ODCM Radiological Effluent



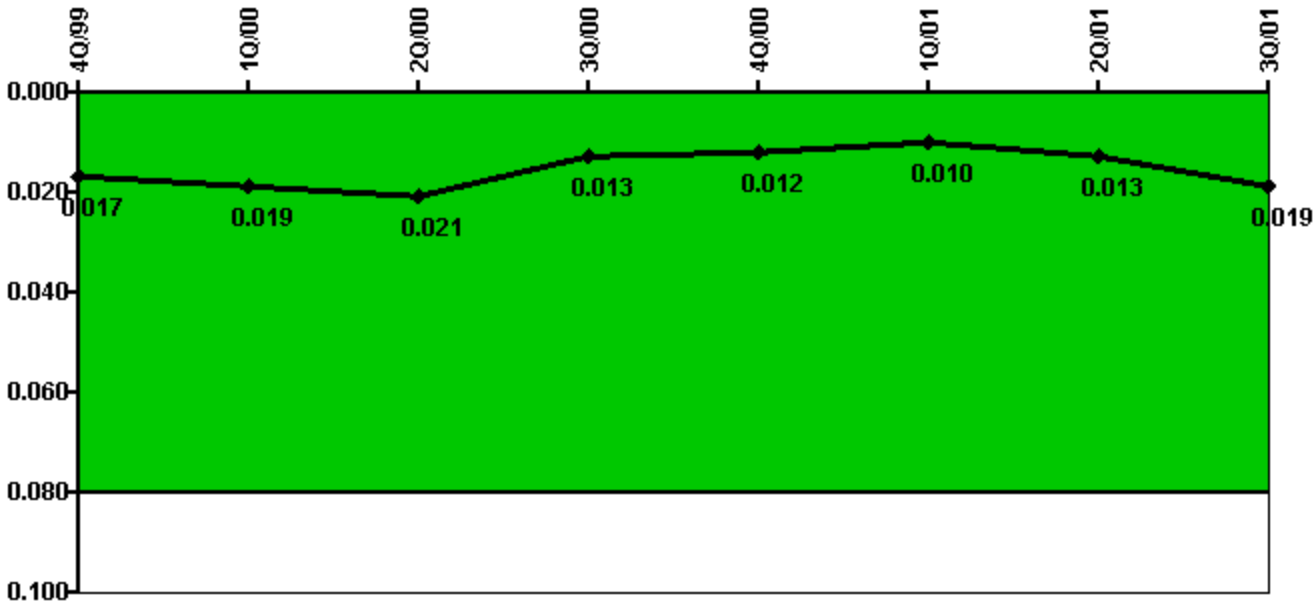
Thresholds: White > 1.0 Yellow > 3.0

Notes

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

Licensee Comments: none

Protected Area Security Performance Index



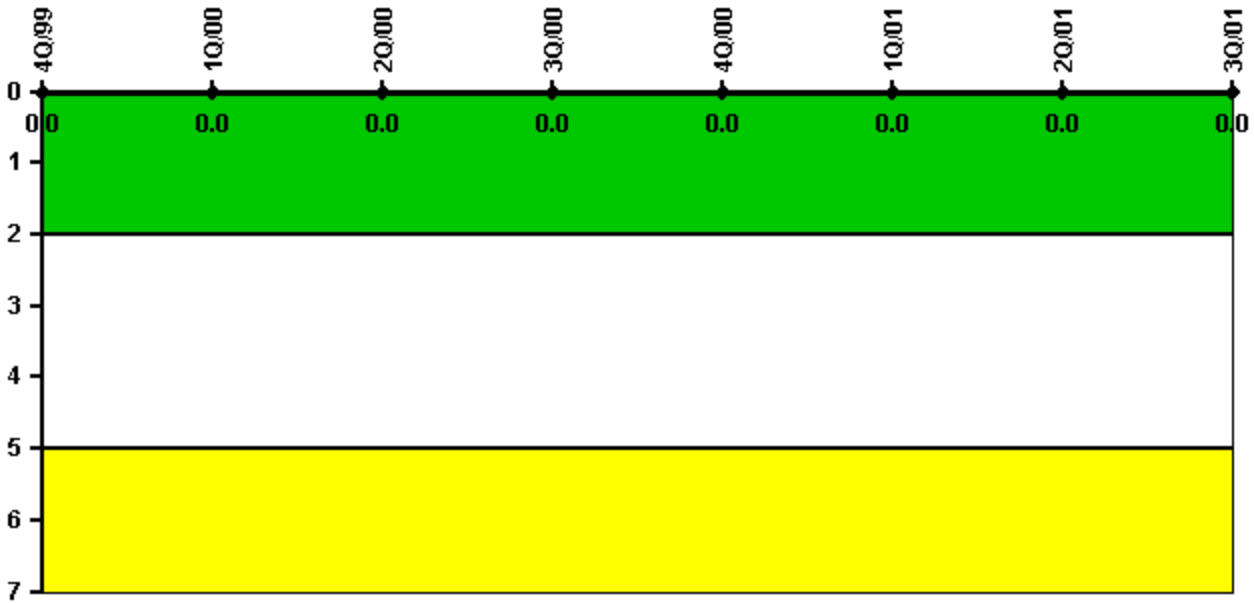
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
IDS compensatory hours	129.20	264.20	101.92	128.85	108.40	53.08	256.70	332.20
CCTV compensatory hours	0	0	0	0	0	61.4	0.5	36.4
IDS normalization factor	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85
CCTV normalization factor	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
Index Value	0.017	0.019	0.021	0.013	0.012	0.010	0.013	0.019

Licensee Comments: none

Personnel Screening Program



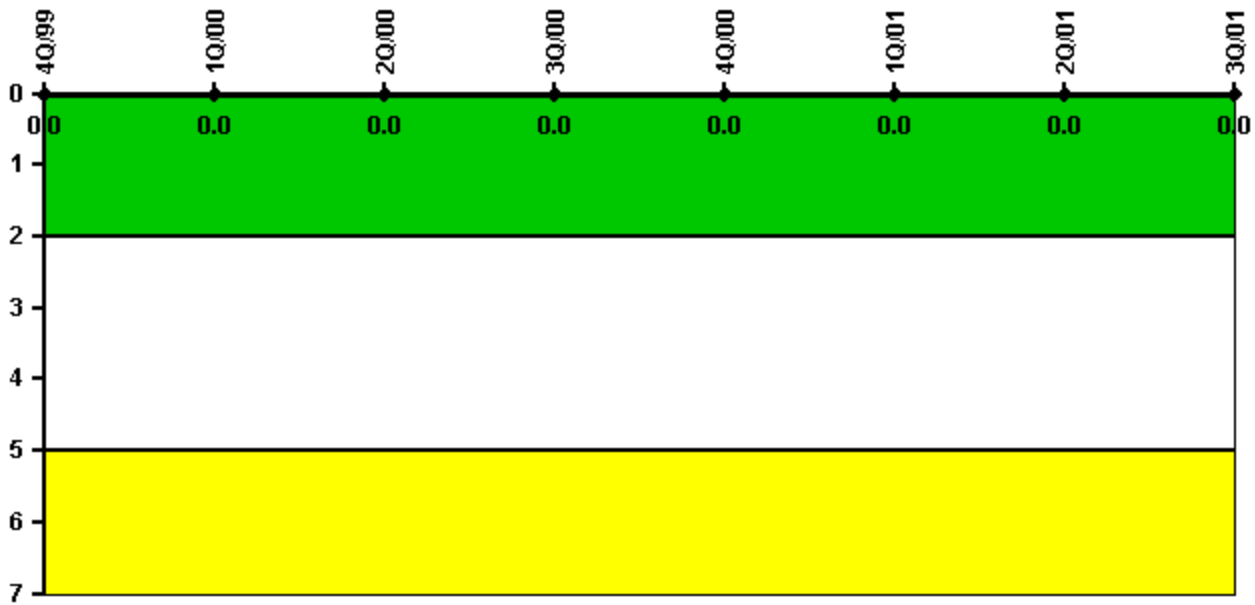
Thresholds: White > 2.0 Yellow > 5.0

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](#)

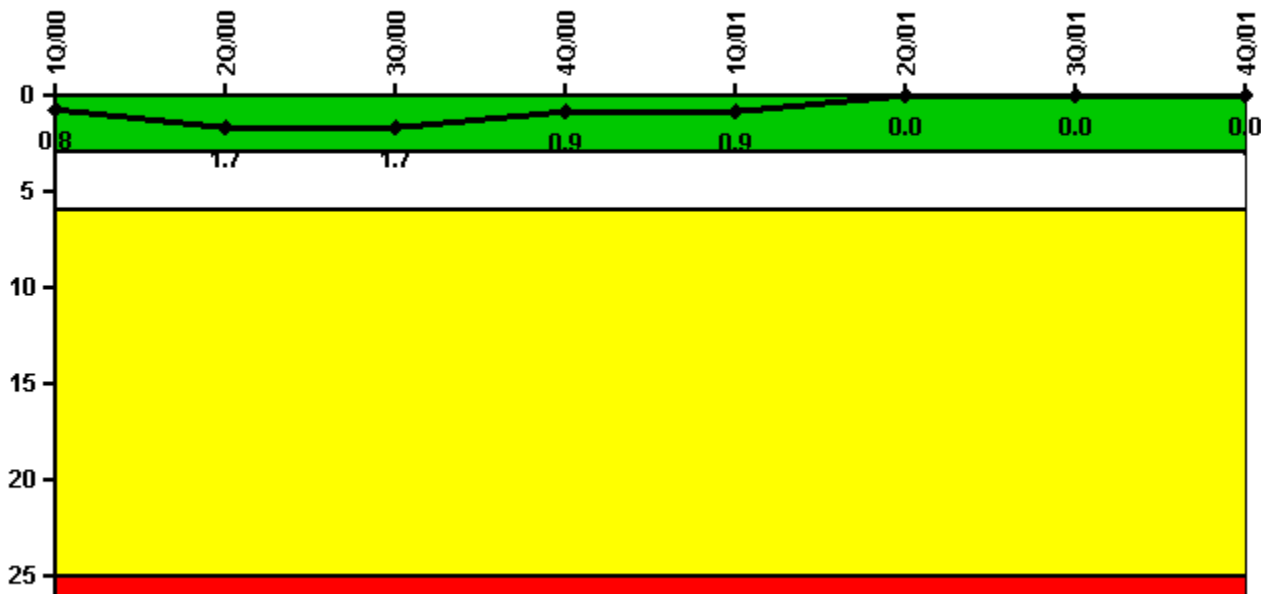
Last Modified: March 26, 2002

Harris 1

4Q/2001 Performance Indicators

Licensee's General Comments: Update to 4Q2001 Report

Unplanned Scrams per 7000 Critical Hrs



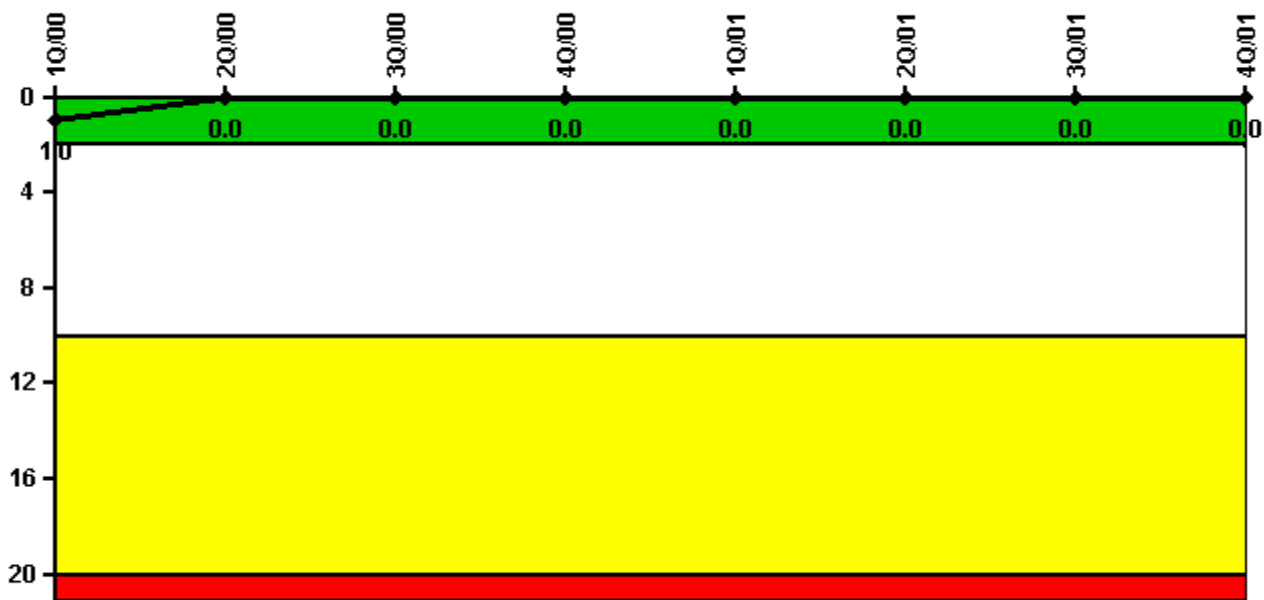
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0	0	0	0
Critical hours	2184.0	1526.7	2208.0	2209.0	2160.0	2183.0	1992.2	7.5
Indicator value	0.8	1.7	1.7	0.9	0.9	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



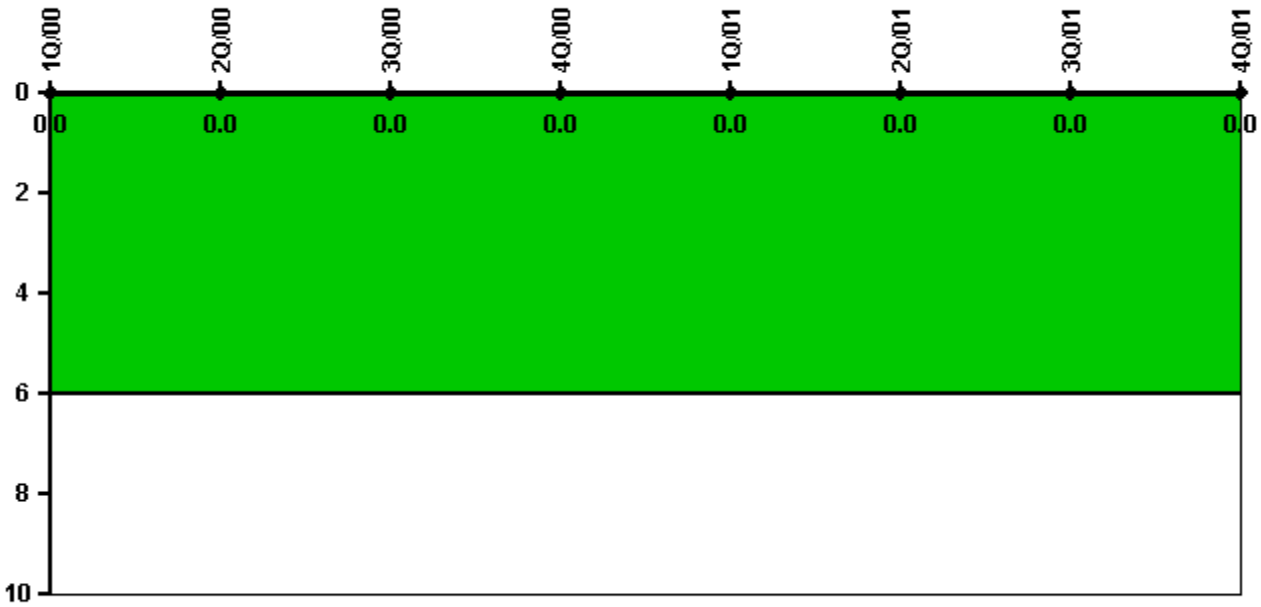
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



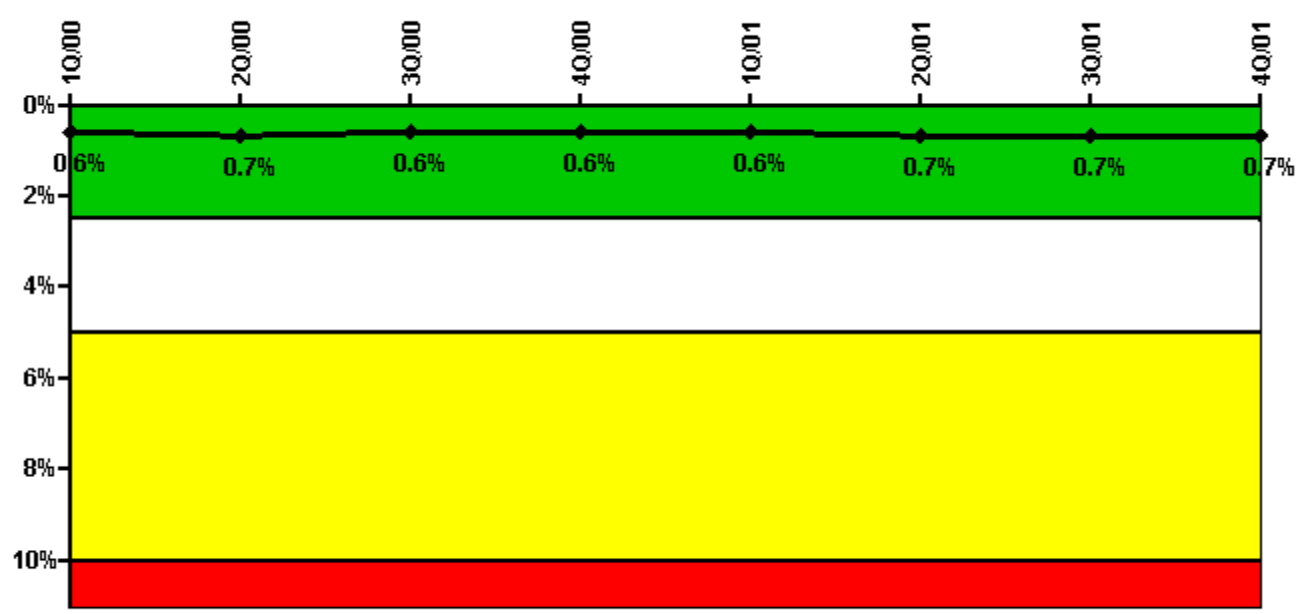
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2184.0	1526.7	2208.0	2209.0	2160.0	2183.0	1992.2	7.5
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



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

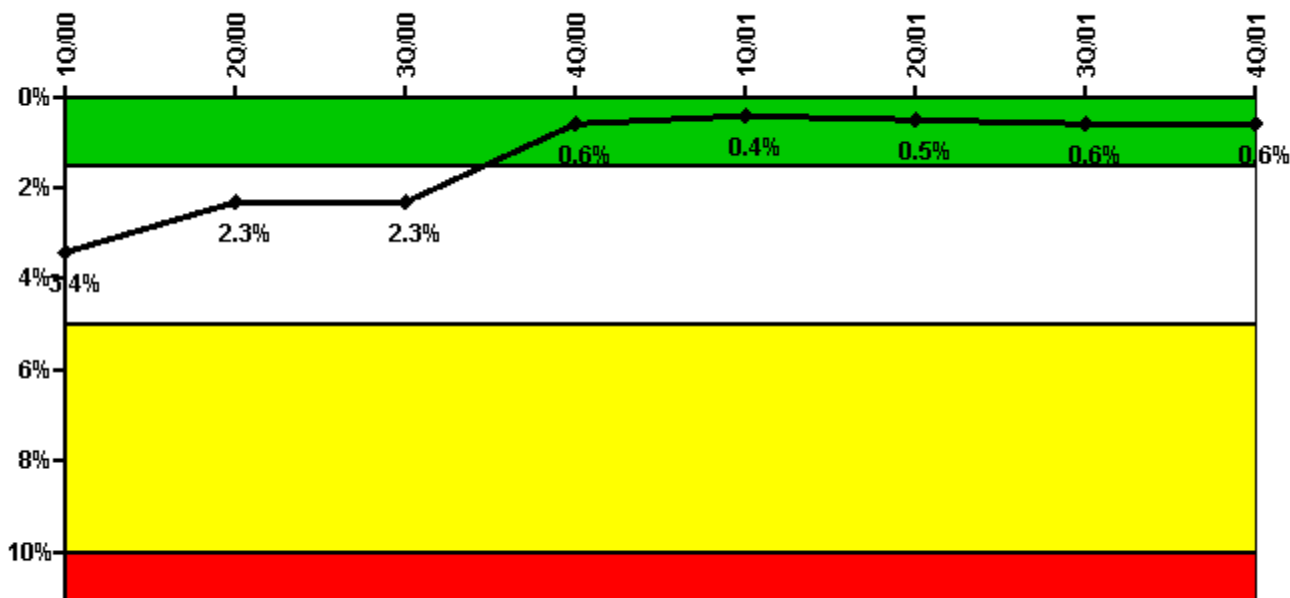
Notes

Safety System Unavailability, Emergency AC Power	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	18.20	2.20	19.85	3.01	15.84	3.49	21.09	1.22
Unplanned unavailable hours	0	2.00	0	0.32	6.50	0.20	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	1881.50	2208.00	2209.00	2160.00	2183.00	2005.50	837.57
Train 2								
Planned unavailable hours	2.30	28.50	7.84	2.51	35.63	12.93	1.78	0
Unplanned unavailable hours	0	2.80	0	0.75	1.47	9.26	0	0
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	1942.80	2208.00	2209.00	2160.00	2183.00	2208.00	727.97
Indicator value	0.6%	0.7%	0.6%	0.6%	0.6%	0.7%	0.7%	0.7%

Licensee Comments:

2Q/01: Based upon Maintenance Rule Database review, added .2 hours Unplanned Unavailability for Train 1 for 5/2001. No PI color change involved.

Safety System Unavailability, High Pressure Injection System (HPSI)



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

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	1.18	0.45	7.03	0.47	10.45	25.40	36.36	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	485.93	0	842.84	0	0	0	0
Required hours	2184.00	1832.00	2208.00	2209.00	2160.00	2183.00	2005.50	108.28
Train 2								
Planned unavailable hours	7.98	0.25	4.75	7.47	9.65	30.65	8.52	0
Unplanned unavailable hours	0.77	0	0	0	0	8.95	0	0
Fault exposure hours	97.05	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	97.05	0	0	0
Required hours	2184.00	1832.00	2208.00	2209.00	2160.00	2183.00	2005.50	108.28
Indicator value	3.4%	2.3%	2.3%	0.6%	0.4%	0.5%	0.6%	0.6%

Licensee Comments:

4Q/01: LER 01-03-00 "1A-SA Residual Heat Removal Suction Line Debris" dated 11/27/01 addresses a condition that is considered to be a historical design issue. This issue potentially impacts HHSI. However, there is no impact on PI due to historical design issue.

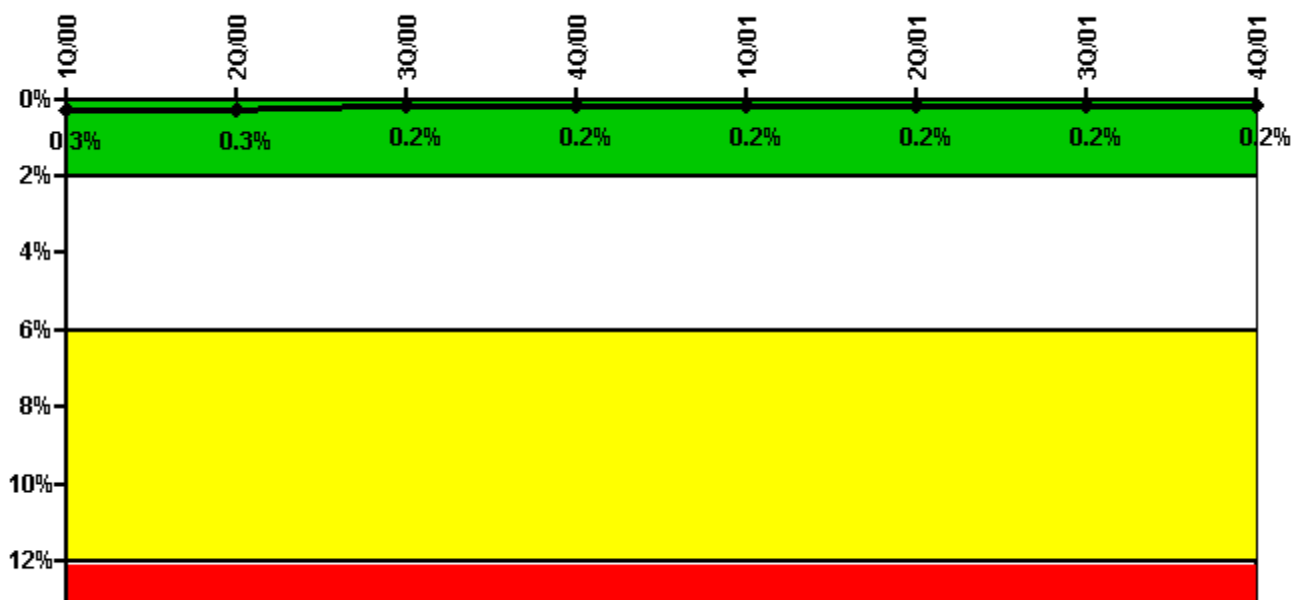
Effective Reset Comments:

1Q/01: Criteria met to reset FE hours.

4Q/00: Criteria met to reset FE hours.

2Q/00: Criteria has been met for reset of FE hours.

Safety System Unavailability, Heat Removal System (AFW)



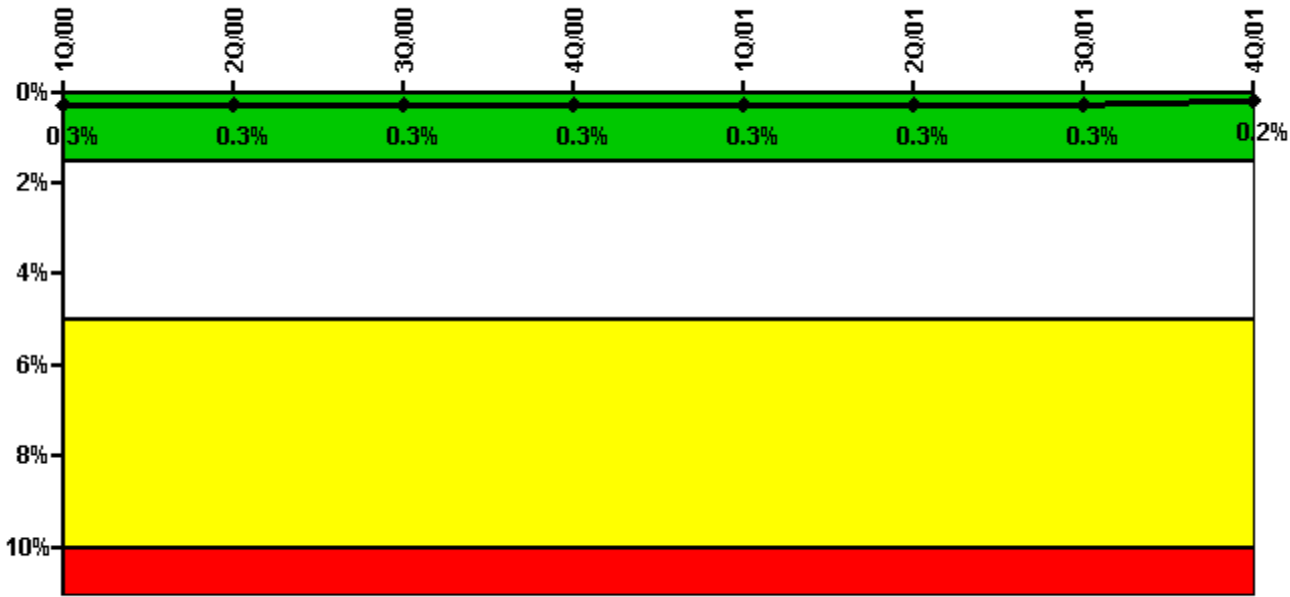
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	0	9.00	0	0	0	1.17	0	0
Unplanned unavailable hours	0	0	0	0	0	4.27	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	1589.88	2208.00	2209.00	2160.00	2183.00	1996.72	68.72
Train 2								
Planned unavailable hours	6.25	0	0	5.60	0	0	3.38	0
Unplanned unavailable hours	0	0	0	0	0	1.38	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	2184.00	1589.88	2208.00	2209.00	2160.00	2183.00	1996.72	68.72
Train 3								
Planned unavailable hours	12.09	8.25	10.92	0.47	0	6.83	8.47	0
Unplanned unavailable hours	6.52	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	1589.88	2208.00	2209.00	2160.00	2183.00	1996.72	68.72
Indicator value	0.3%	0.3%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



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

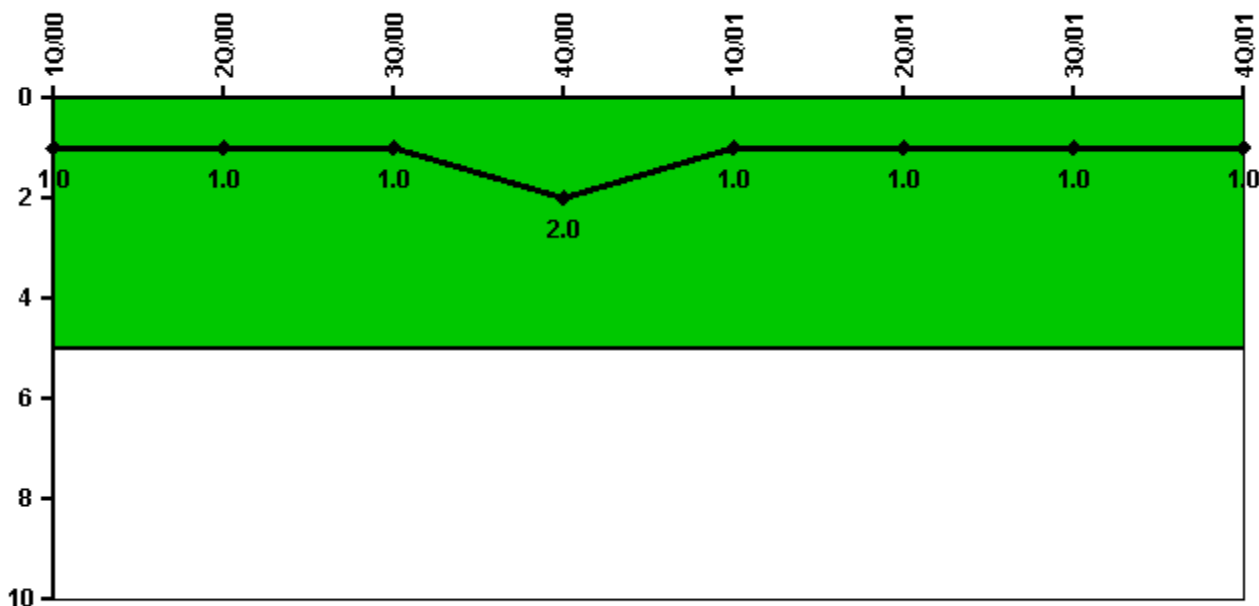
Notes

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	2.30	0	10.50	8.00	5.20	0	4.00	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	2035.00	2208.00	2209.00	2160.00	2183.00	2208.00	726.75
Train 2								
Planned unavailable hours	0	3.70	0	3.00	0	1.20	8.30	0
Unplanned unavailable hours	0	0	0	0	0	0	3.70	0
Fault exposure hours	0	0	0	0	0	0	7.70	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2035.00	2208.00	2209.00	2160.00	2183.00	2208.00	726.75
Indicator value	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.2%

Licensee Comments:

4Q/01: The 3Q 2001 report for Residual Heat Removal (RHR) system included a note that stated that an investigation was in progress that may lead to additional unavailable hours being identified. The investigation resulted in LER 01-03-00 "1A-SA Residual Heat Removal Suction Line Debris" dated 11/27/01. This condition is considered to be a historical design issue.

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

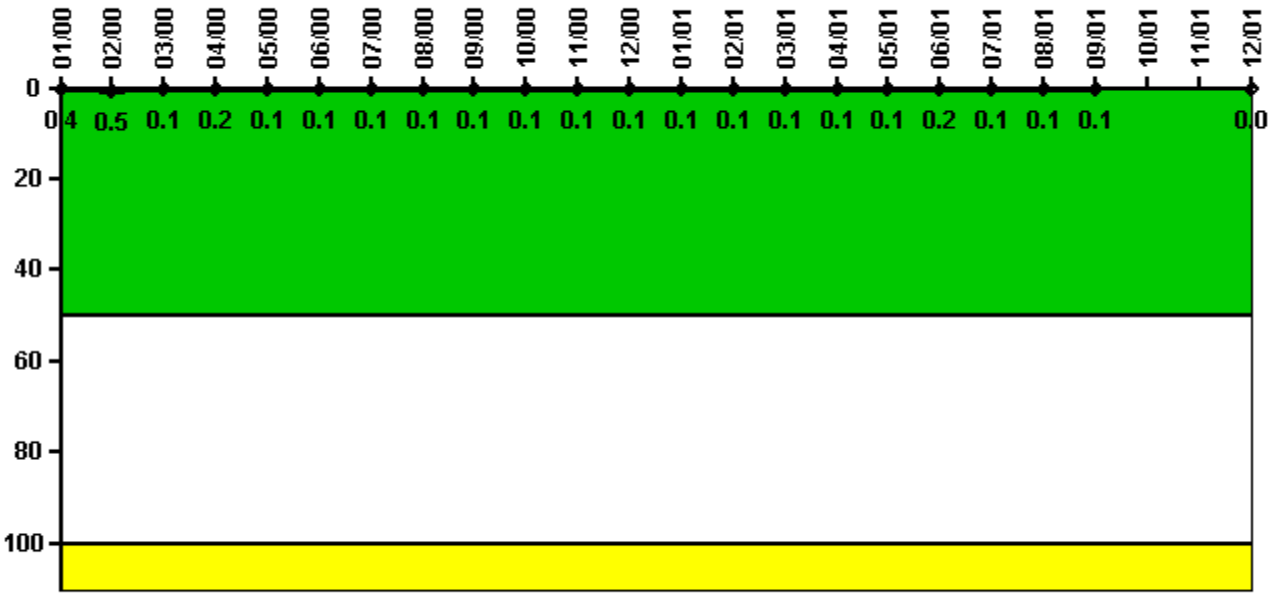
Notes

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

Licensee Comments:

4Q/01: LER 2001-03-00 was written for the discovery of foreign material in the 1A-SA RHR Suction Line during maintenance on 1SI-310. This debris was determined to have been a potential impact on operability in the containment recirculation mode.

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	0.003602	0.004650	0.001196	0.002300	0.000587	0.001428	0.000636	0.000671	0.000669	0.000716	0.000728	0.000749
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.4	0.5	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

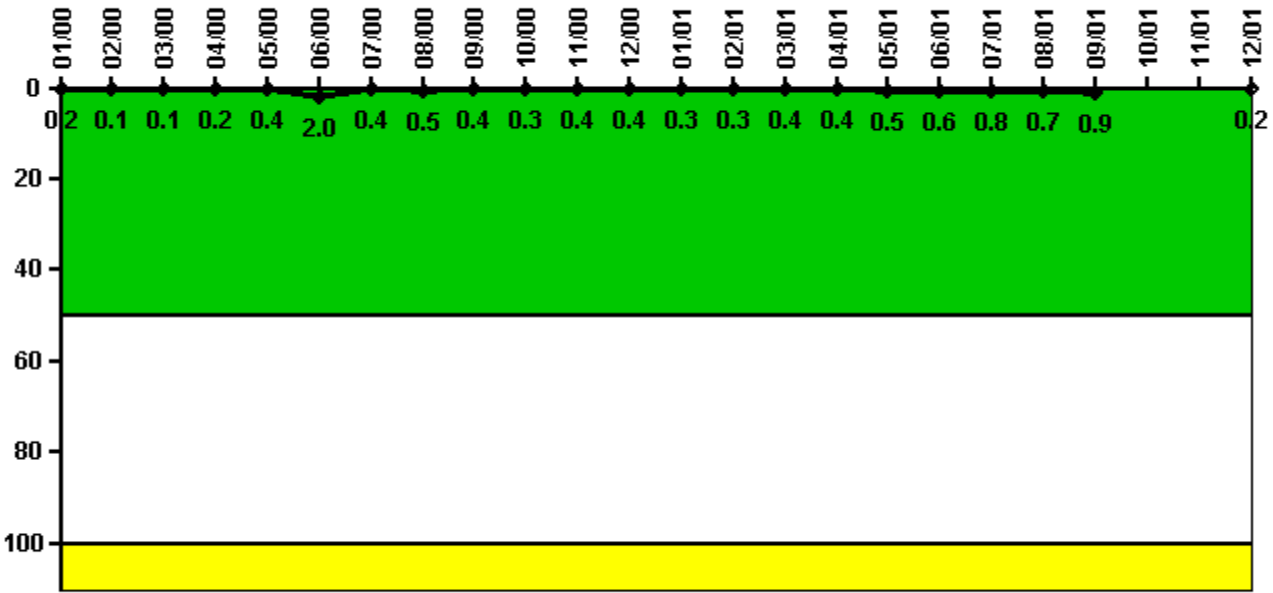
Reactor Coolant System Activity	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01
Maximum activity	0.000779	0.000791	0.000820	0.000837	0.000939	0.002140	0.001430	0.001323	0.001280	N/A	N/A	0
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	N/A	N/A	0

Licensee Comments:

12/01: Data unavailable for October and November due to Refueling Outage 10. For December the Gamma analyses of RCS showed Iodine activities less than lower limit of detection due to the reactor being shutdown. Used a "0" as a place keeper for this input in place of less than LLD.

12/01: Data unavailable for October and November due to Refueling Outage 10. For December the Gamma analyses of RCS showed Iodine activities less than lower limit of detection due to the reactor being shutdown. Used a "0" as a place keeper for this input in place of less than LLD.

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

Notes

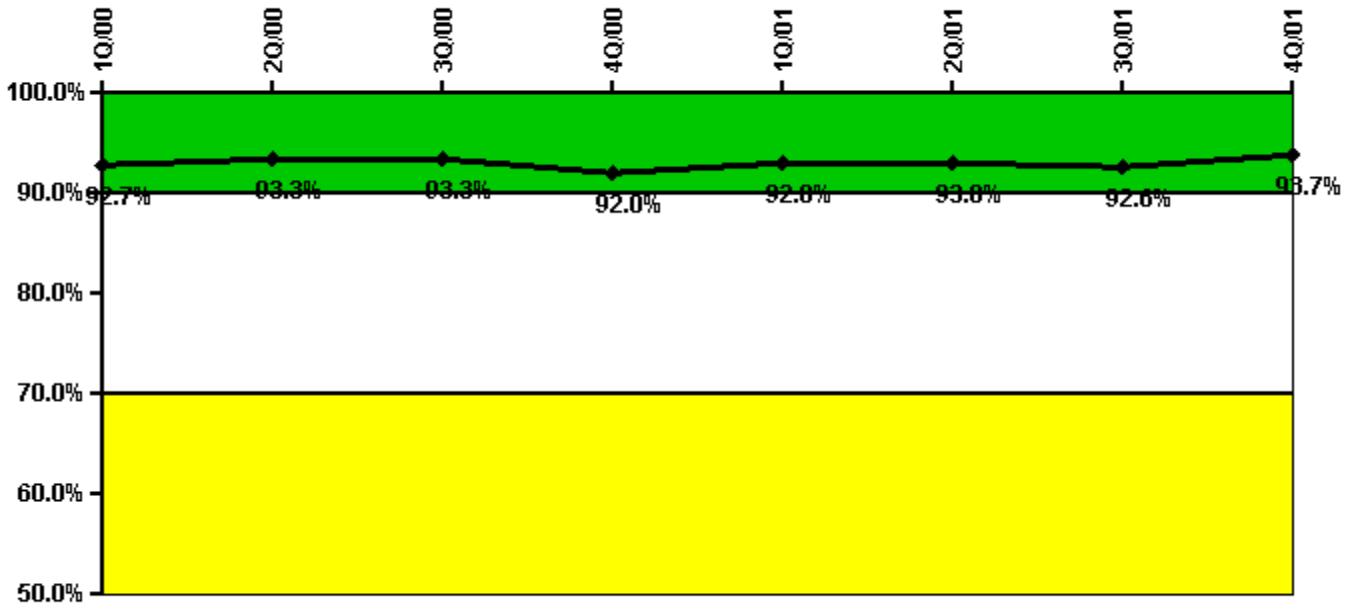
Reactor Coolant System Leakage	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00
Maximum leakage	0.020	0.010	0.010	0.020	0.040	0.200	0.040	0.050	0.040	0.030	0.040	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.1	0.1	0.2	0.4	2.0	0.4	0.5	0.4	0.3	0.4	0.4

Reactor Coolant System Leakage	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01
Maximum leakage	0.030	0.030	0.040	0.040	0.050	0.060	0.080	0.070	0.090	N/A	N/A	0.020
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.3	0.4	0.4	0.5	0.6	0.8	0.7	0.9	N/A	N/A	0.2

Licensee Comments:

12/01: No data available for October and November 2001 due to Harris Refueling Outage 10.

Drill/Exercise Performance



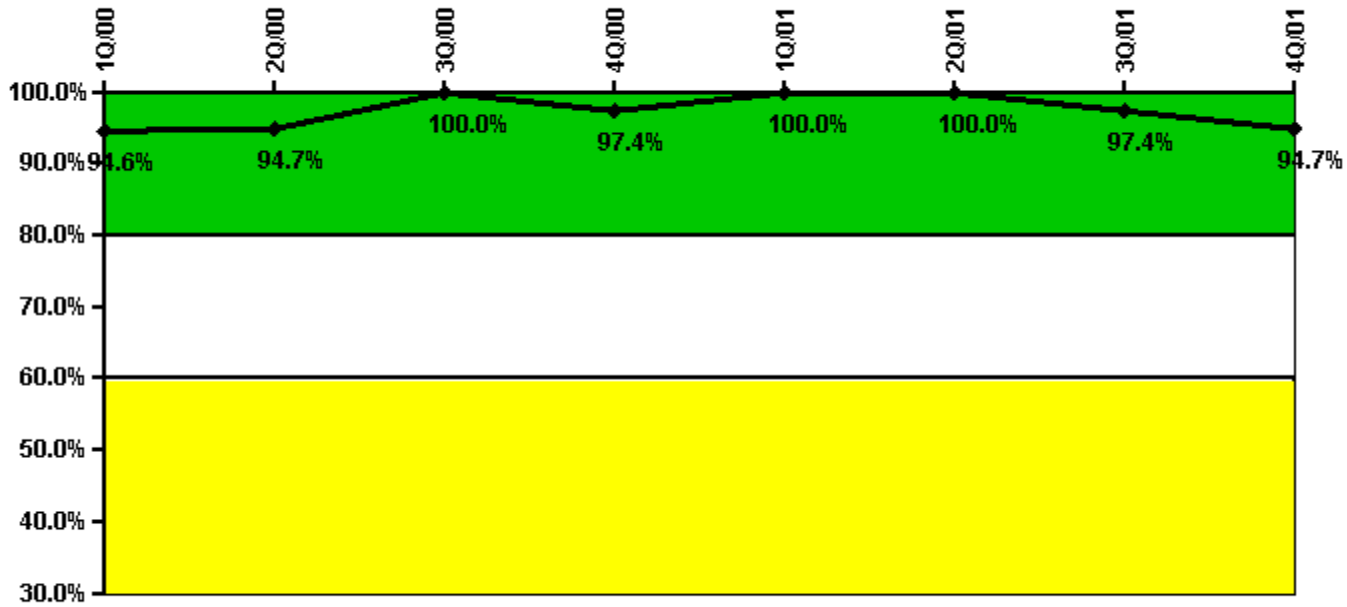
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Successful opportunities	43.0	37.0	13.0	5.0	34.0	26.0	4.0	2.0
Total opportunities	48.0	38.0	14.0	9.0	34.0	26.0	4.0	2.0
Indicator value	92.7%	93.3%	93.3%	92.0%	92.8%	93.0%	92.6%	93.7%

Licensee Comments: none

ERO Drill Participation



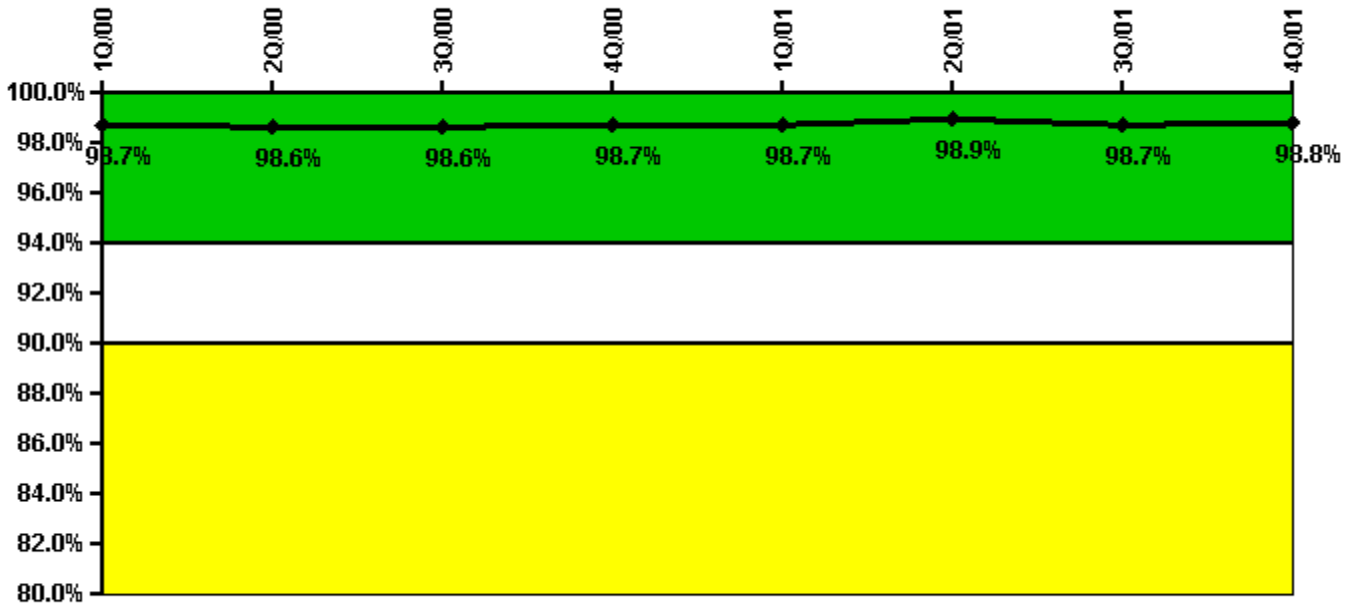
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Participating Key personnel	53.0	54.0	40.0	37.0	37.0	37.0	37.0	36.0
Total Key personnel	56.0	57.0	40.0	38.0	37.0	37.0	38.0	38.0
Indicator value	94.6%	94.7%	100.0%	97.4%	100.0%	100.0%	97.4%	94.7%

Licensee Comments: none

Alert & Notification System



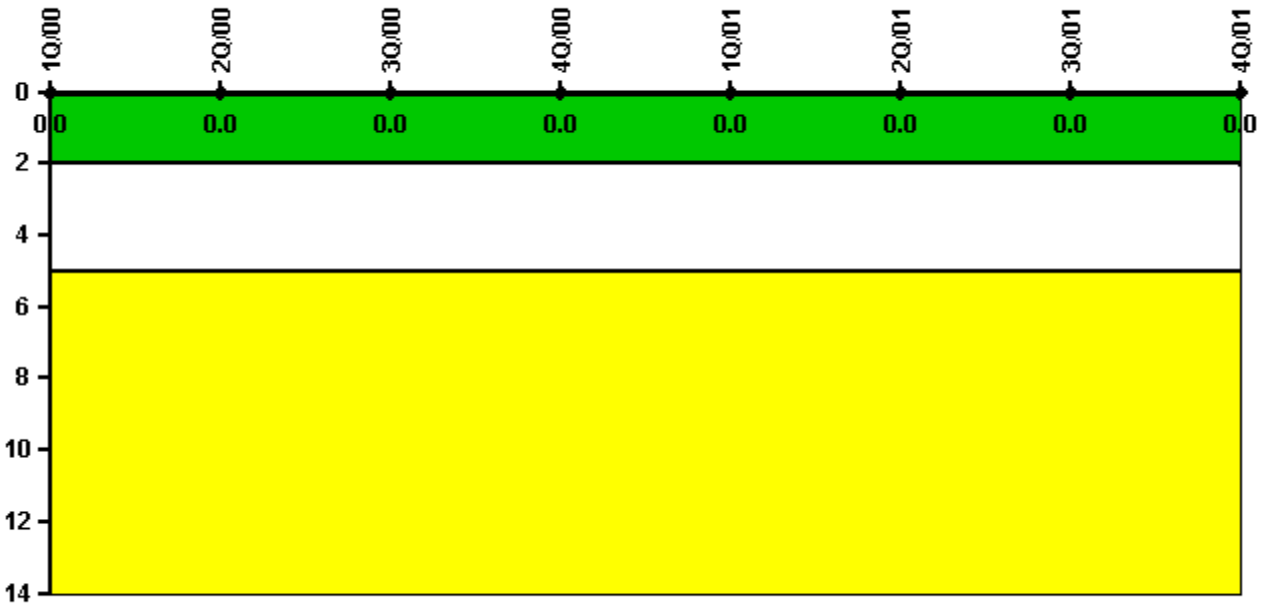
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Successful siren-tests	645	554	640	559	645	559	594	682
Total sirens-tests	648	567	648	567	648	567	607	689
Indicator value	98.7%	98.6%	98.6%	98.7%	98.7%	98.9%	98.7%	98.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



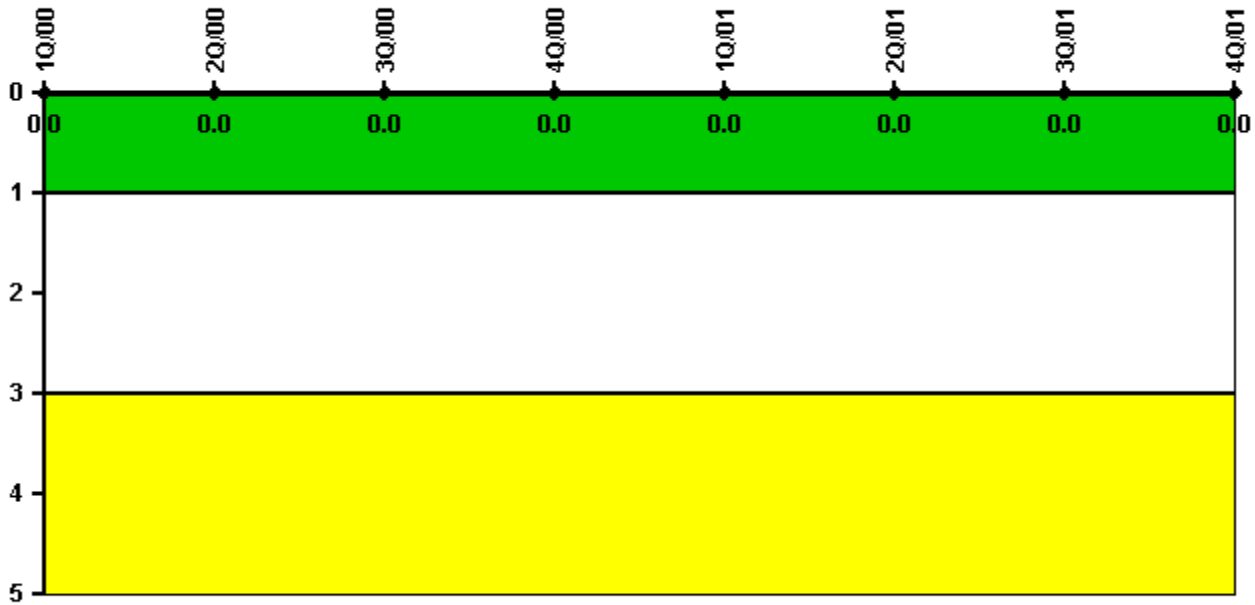
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
High radiation area occurrences	0	0	0	0	0	0	0	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



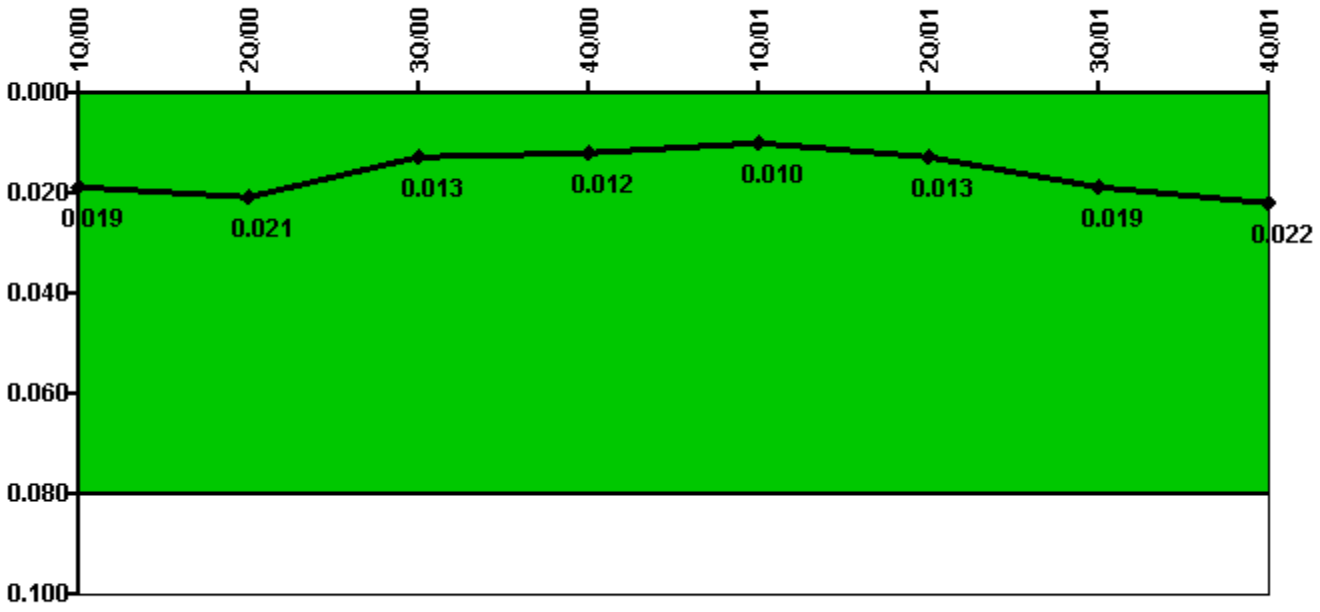
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/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



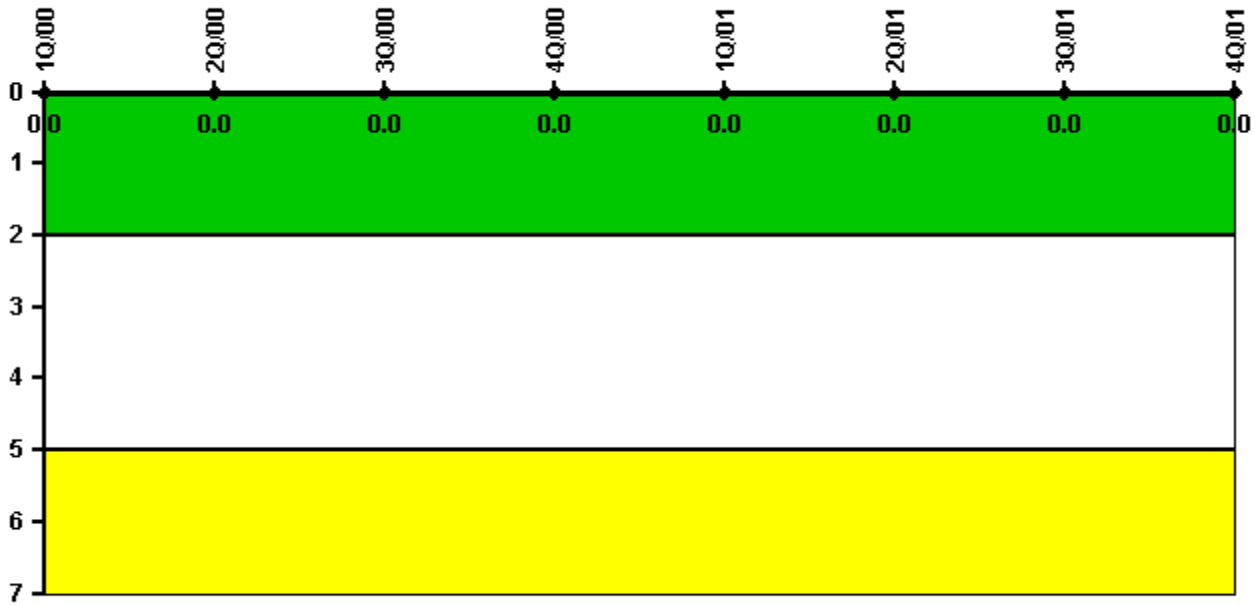
Thresholds: White > 0.080

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	264.20	101.92	128.85	108.40	53.08	256.70	332.20	250.40
CCTV compensatory hours	0	0	0	0	61.4	0.5	36.4	0
IDS normalization factor	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85
CCTV normalization factor	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
Index Value	0.019	0.021	0.013	0.012	0.010	0.013	0.019	0.022

Licensee Comments: none

Personnel Screening Program



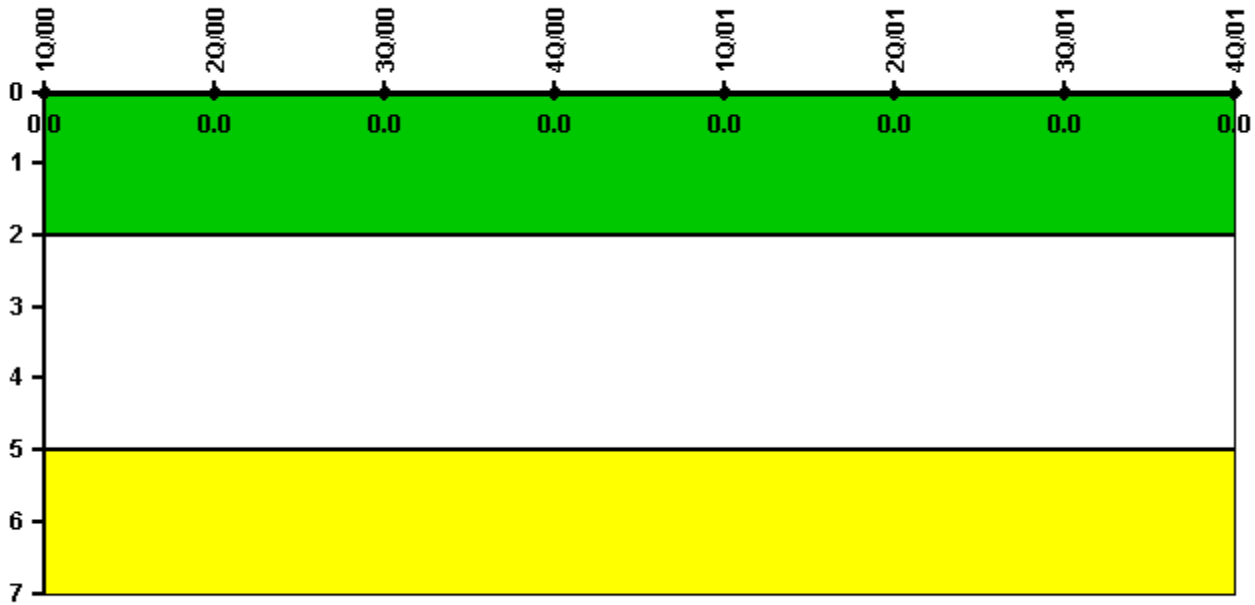
Thresholds: White > 2.0 Yellow > 5.0

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](#)

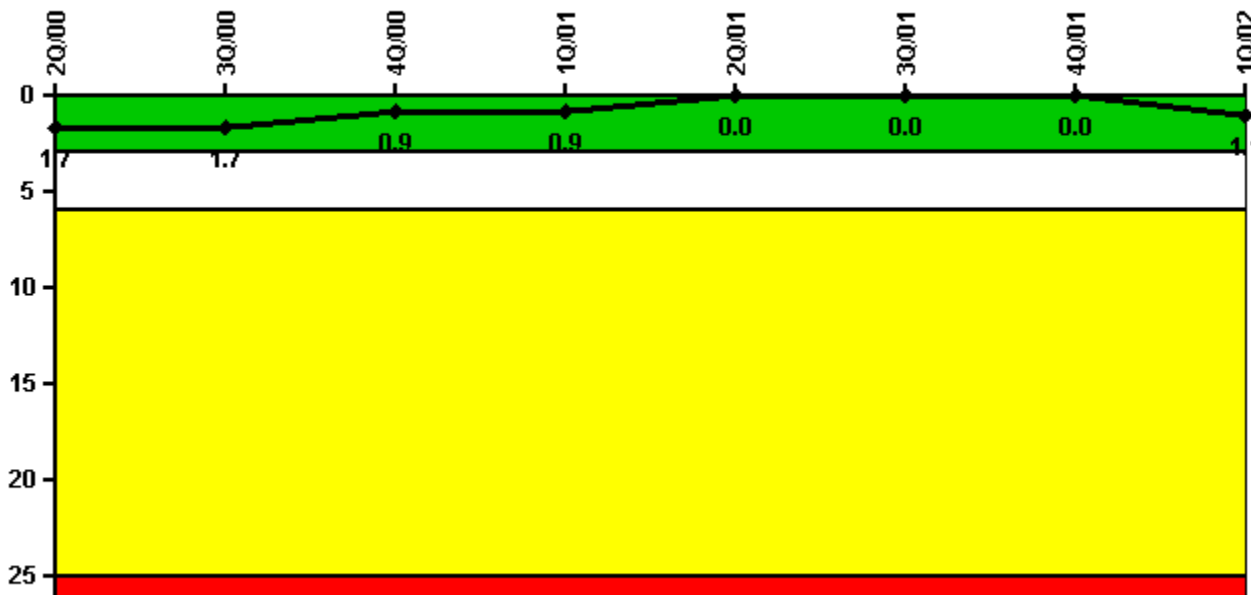
Last Modified: March 15, 2002

Harris 1

1Q/2002 Performance Indicators

Licensee's General Comments: A change was made to Q3/2001 for RHR Train 1 planned unavailable hours. There was no impact on the performance indicator.

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

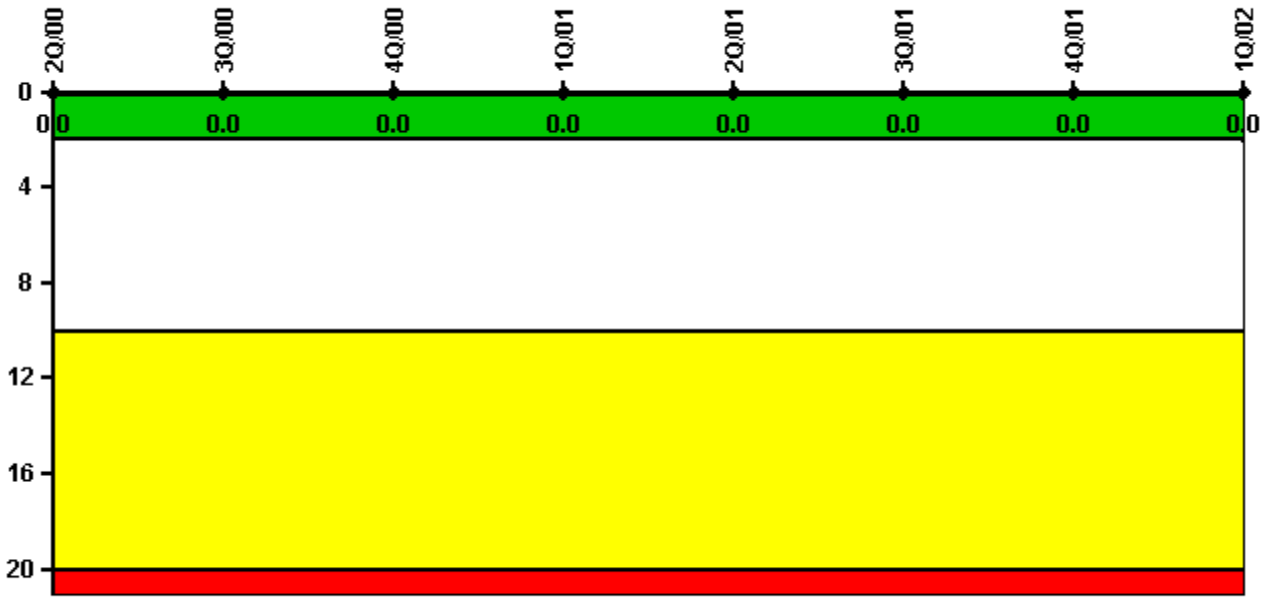
Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Unplanned scrams	1.0	0	0	0	0	0	0	1.0
Critical hours	1526.7	2208.0	2209.0	2160.0	2183.0	1992.2	7.5	2142.3
Indicator value	1.7	1.7	0.9	0.9	0	0	0	1.1

Licensee Comments:

1Q/02: Manual Reactor Trip on 01/02/02, due to loss of control of "C" Feed Reg Valve Bypass Valve (1FW-198). LER 02-01.

Scrams with Loss of Normal Heat Removal



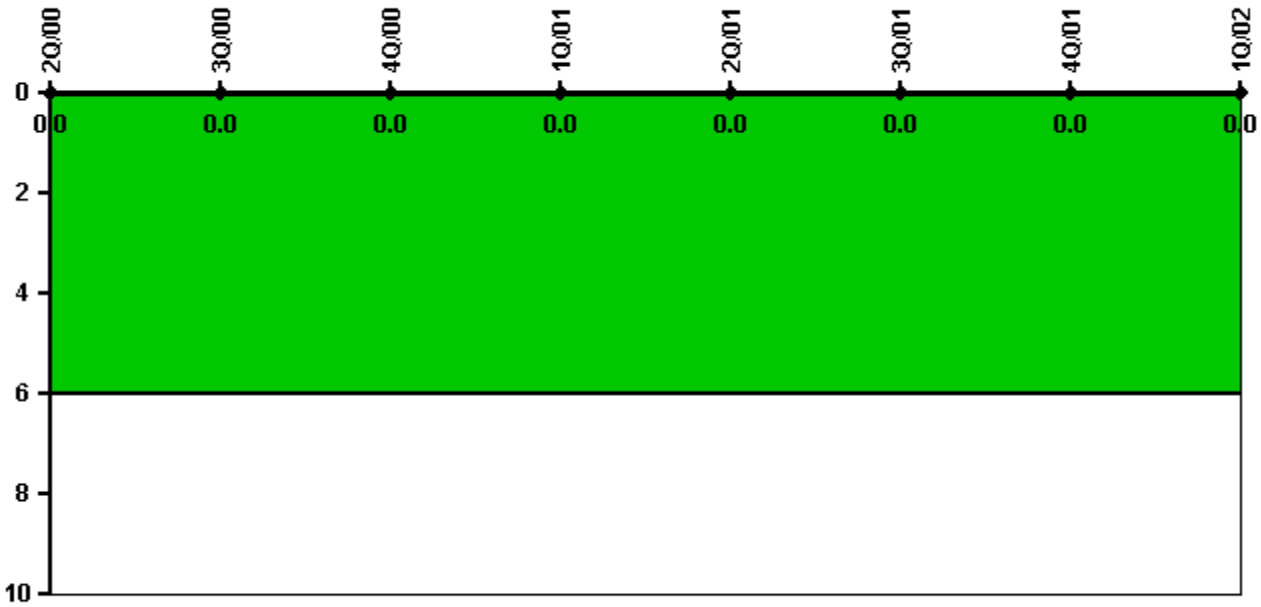
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



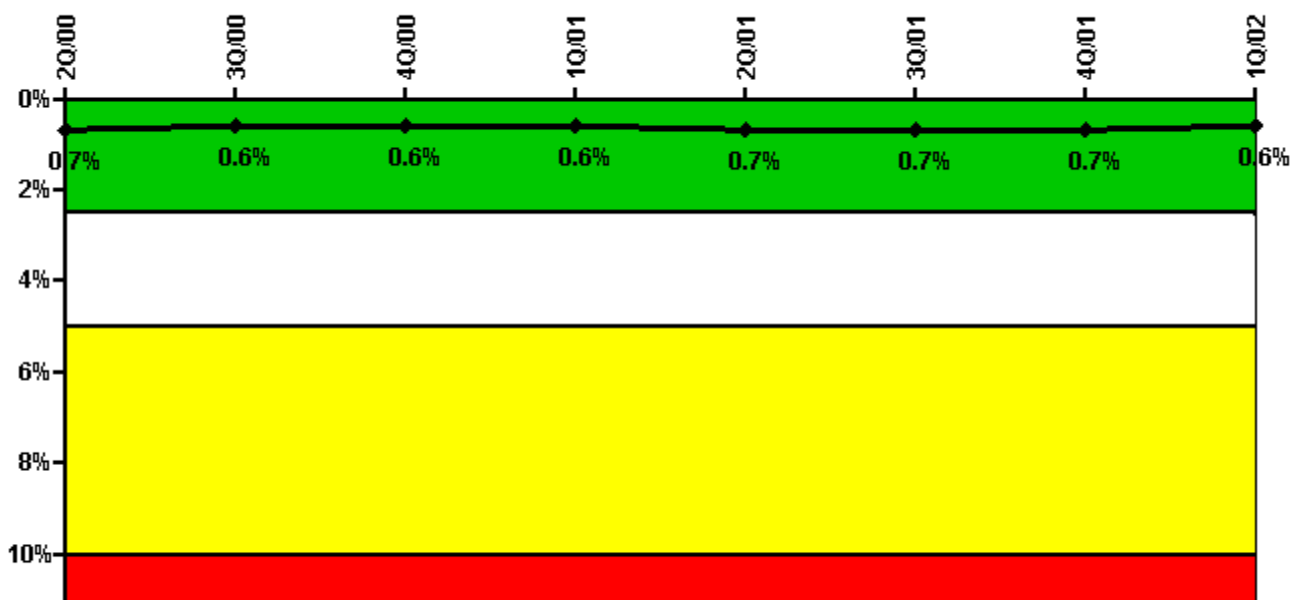
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	1526.7	2208.0	2209.0	2160.0	2183.0	1992.2	7.5	2142.3
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



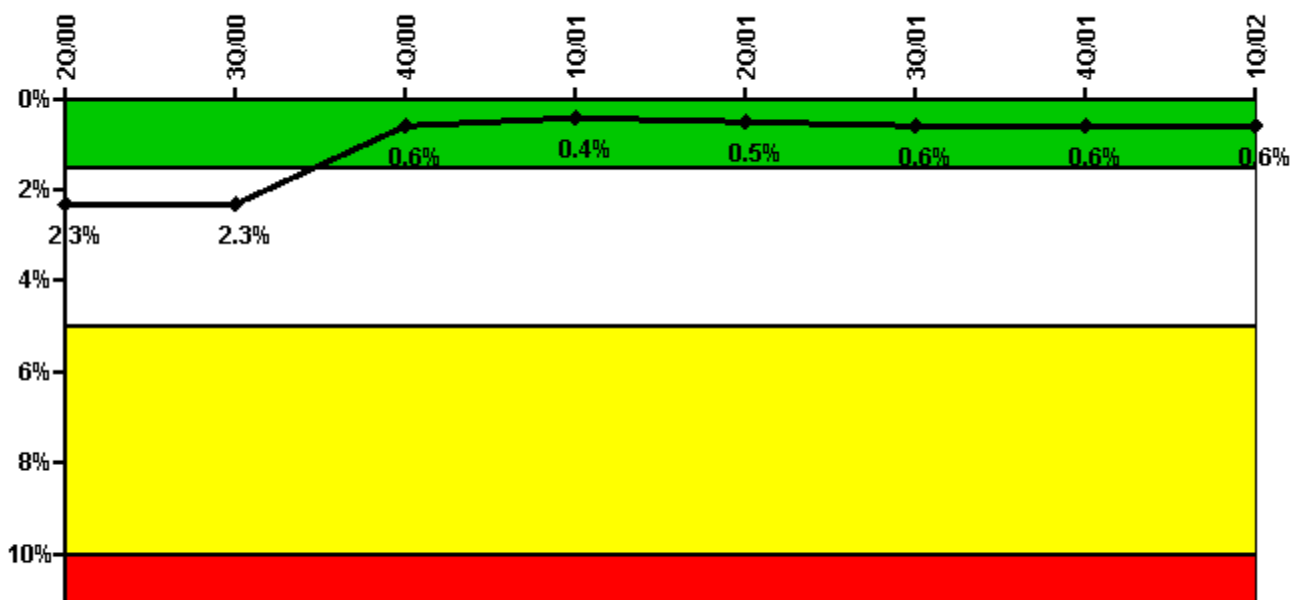
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	2.20	19.85	3.01	15.84	3.49	21.09	1.22	16.98
Unplanned unavailable hours	2.00	0	0.32	6.50	0.20	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	1881.50	2208.00	2209.00	2160.00	2183.00	2005.50	837.57	2160.00
Train 2								
Planned unavailable hours	28.50	7.84	2.51	35.63	12.93	1.78	0	14.29
Unplanned unavailable hours	2.80	0	0.75	1.47	9.26	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1942.80	2208.00	2209.00	2160.00	2183.00	2208.00	727.97	2160.00
Indicator value	0.7%	0.6%	0.6%	0.6%	0.7%	0.7%	0.7%	0.6%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



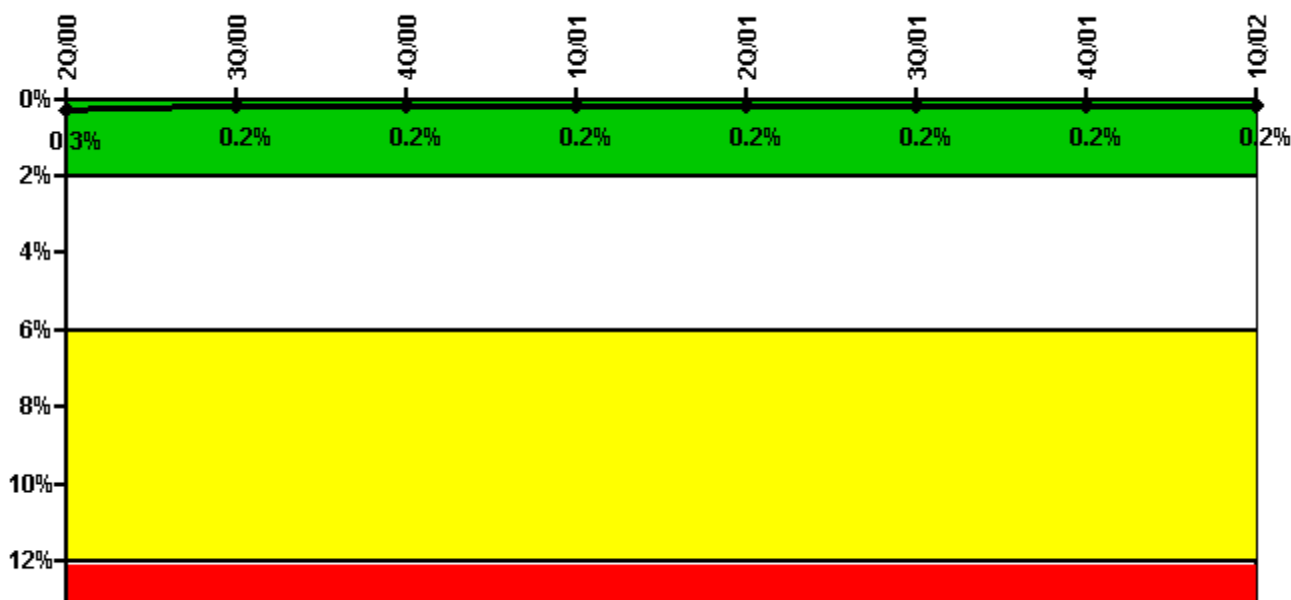
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	0.45	7.03	0.47	10.45	25.40	36.36	0	24.41
Unplanned unavailable hours	0	0	0	0	0	0	0	10.45
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	485.93	0	842.84	0	0	0	0	0
Required hours	1832.00	2208.00	2209.00	2160.00	2183.00	2005.50	108.28	2160.00
Train 2								
Planned unavailable hours	0.25	4.75	7.47	9.65	30.65	8.52	0	10.51
Unplanned unavailable hours	0	0	0	0	8.95	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	97.05	0	0	0	0
Required hours	1832.00	2208.00	2209.00	2160.00	2183.00	2005.50	108.28	2160.00
Indicator value	2.3%	2.3%	0.6%	0.4%	0.5%	0.6%	0.6%	0.6%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



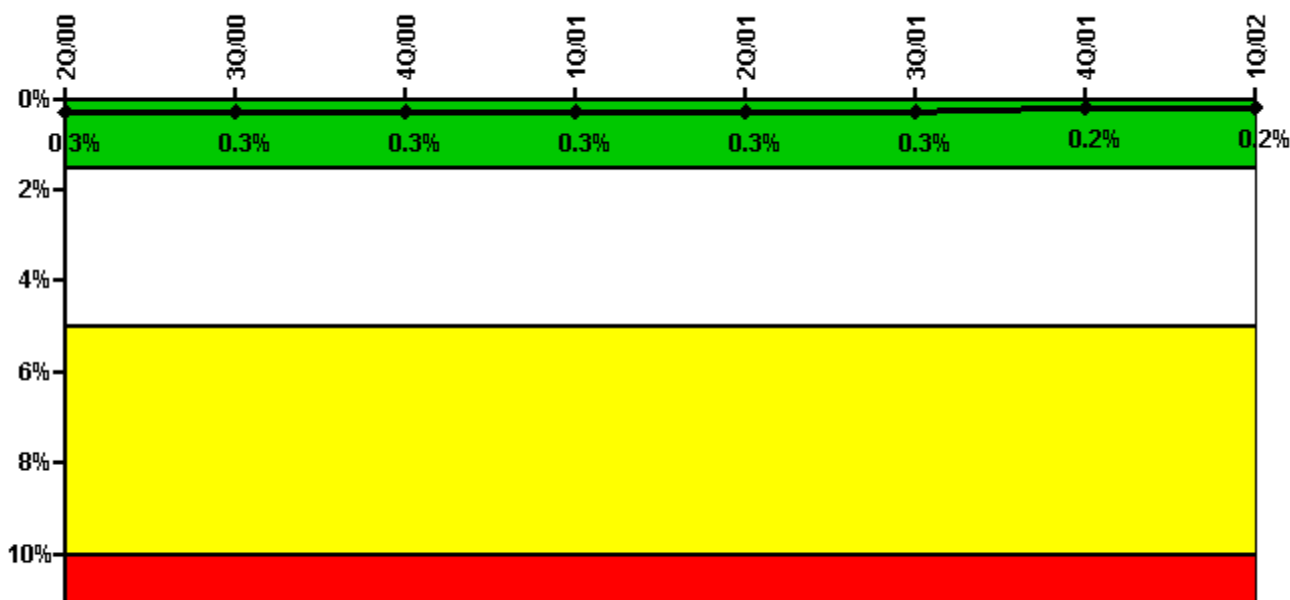
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	9.00	0	0	0	1.17	0	0	0
Unplanned unavailable hours	0	0	0	0	4.27	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1589.88	2208.00	2209.00	2160.00	2183.00	1996.72	68.72	2160.00
Train 2								
Planned unavailable hours	0	0	5.60	0	0	3.38	0	0
Unplanned unavailable hours	0	0	0	0	1.38	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	1589.88	2208.00	2209.00	2160.00	2183.00	1996.72	68.72	2160.00
Train 3								
Planned unavailable hours	8.25	10.92	0.47	0	6.83	8.47	0	11.67
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	1589.88	2208.00	2209.00	2160.00	2183.00	1996.72	68.72	2160.00
Indicator value	0.3%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



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

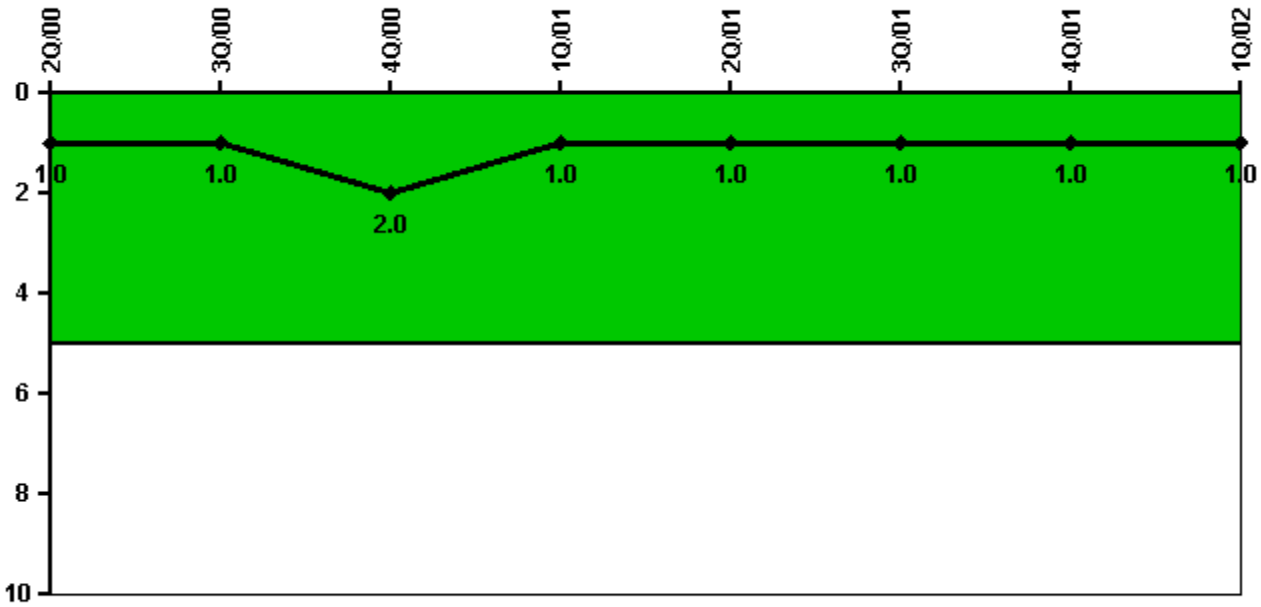
Notes

Safety System Unavailability, Residual Heat Removal System	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	0	10.50	8.00	5.20	0	8.70	0	4.20
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2035.00	2208.00	2209.00	2160.00	2183.00	2208.00	726.75	2160.00
Train 2								
Planned unavailable hours	3.70	0	3.00	0	1.20	8.30	0	4.40
Unplanned unavailable hours	0	0	0	0	0	3.70	0	0
Fault exposure hours	0	0	0	0	0	7.70	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2035.00	2208.00	2209.00	2160.00	2183.00	2208.00	726.75	2160.00
Indicator value	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.2%	0.2%

Licensee Comments:

3Q/01: An investigation is currently underway that may require a revision to the hours reported for 1A-SA RHR Train for the current and previous quarters. Correction submitted with March data: Added 4.7 additional planned unavailability hours for Train 1 for July 2001 due to MOV preventive maintenance on the CCW system.

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

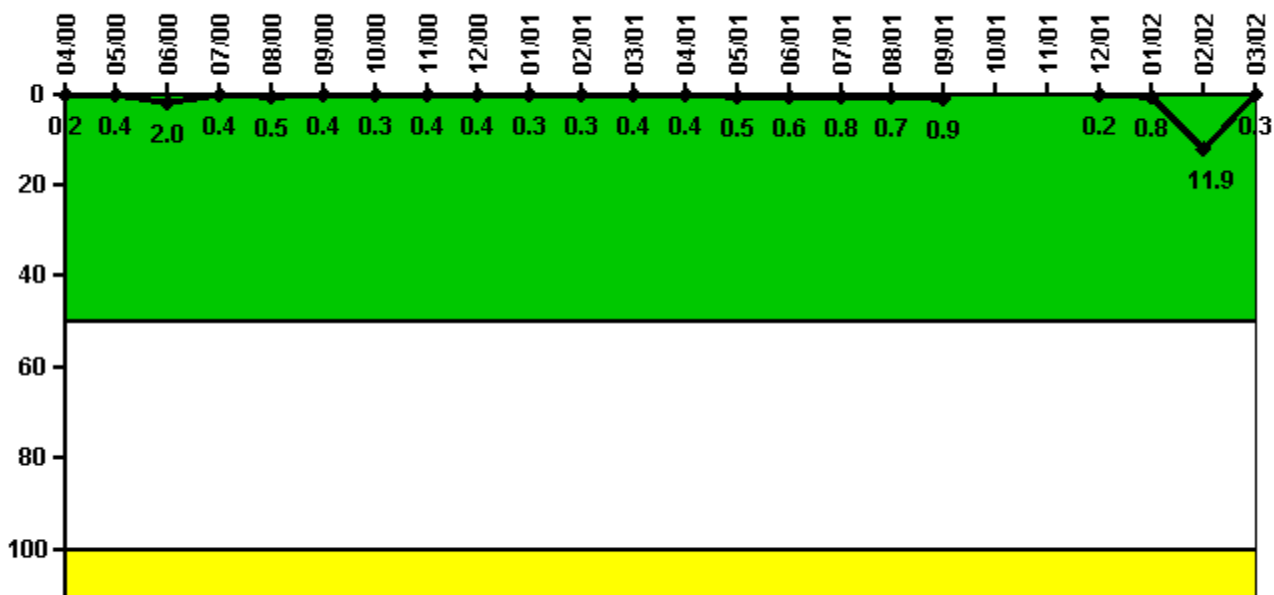
Notes

Reactor Coolant System Activity	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00	1/01	2/01	3/01
Maximum activity	0.002300	0.000587	0.001428	0.000636	0.000671	0.000669	0.000716	0.000728	0.000749	0.000779	0.000791	0.000820
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

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	0.000837	0.000939	0.002140	0.001430	0.001323	0.001280	N/A	N/A	0	0.000126	0.000197	0.000185
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.2	0.1	0.1	0.1	N/A	N/A	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

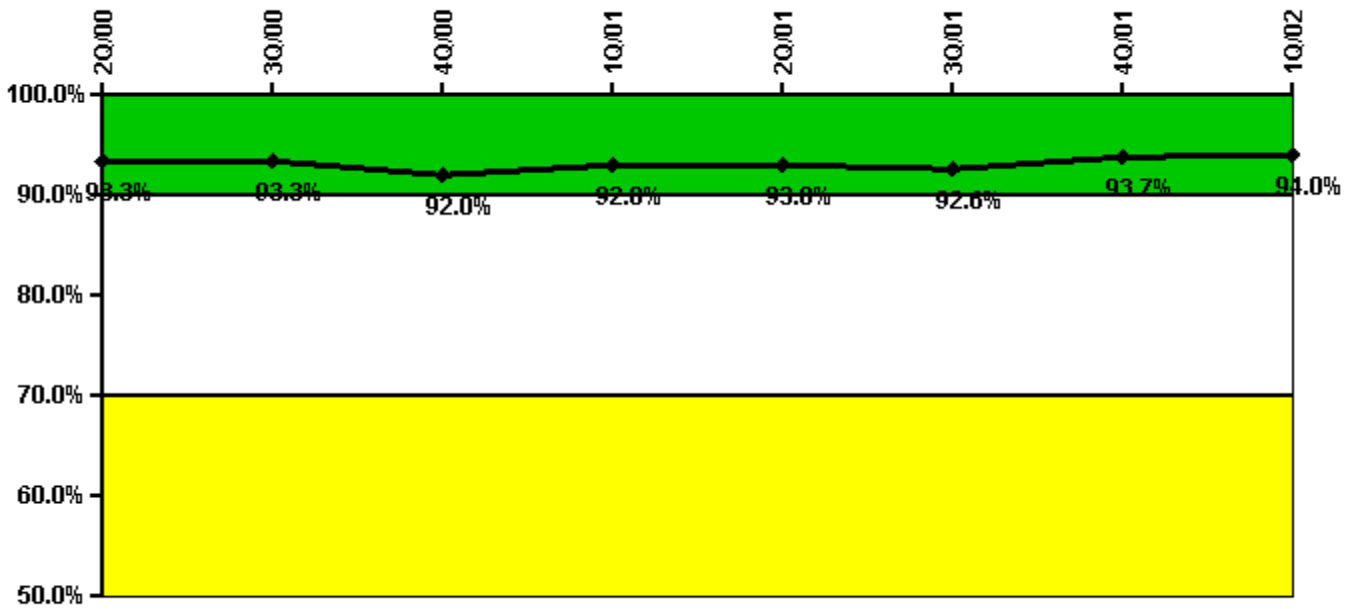
Notes

Reactor Coolant System Leakage	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00	1/01	2/01	3/01
Maximum leakage	0.020	0.040	0.200	0.040	0.050	0.040	0.030	0.040	0.040	0.030	0.030	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.4	2.0	0.4	0.5	0.4	0.3	0.4	0.4	0.3	0.3	0.4

Reactor Coolant System Leakage	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02
Maximum leakage	0.040	0.050	0.060	0.080	0.070	0.090	N/A	N/A	0.020	0.080	1.190	0.030
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.5	0.6	0.8	0.7	0.9	N/A	N/A	0.2	0.8	11.9	0.3

Licensee Comments: none

Drill/Exercise Performance



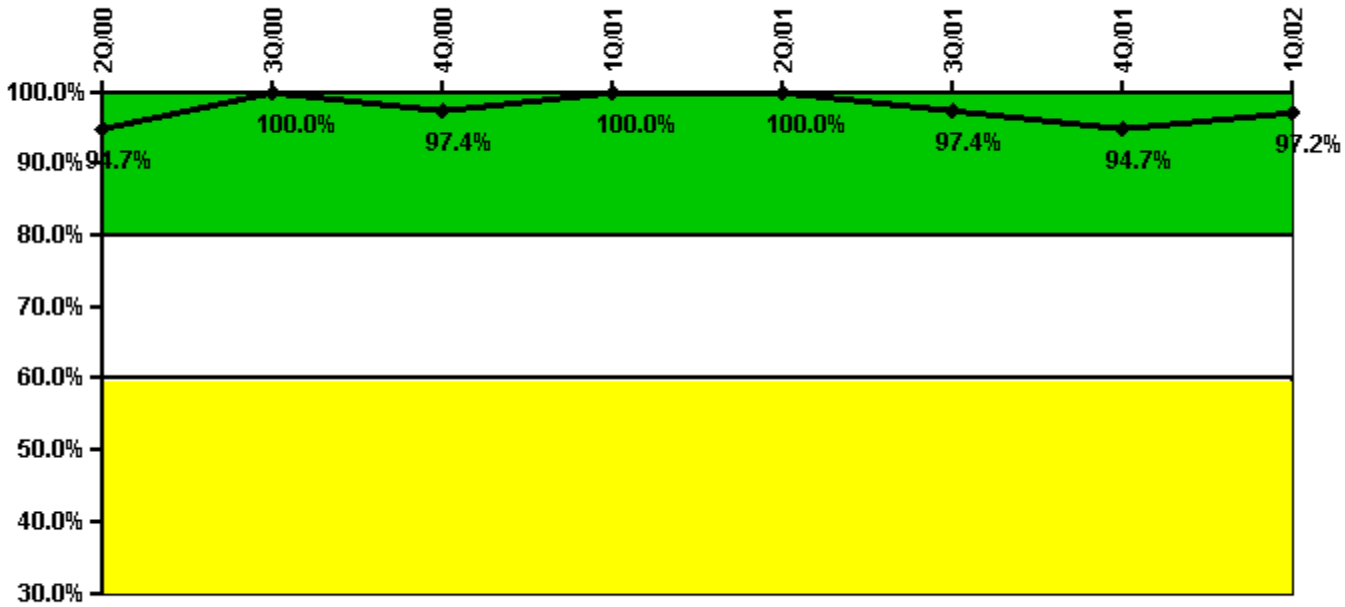
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Successful opportunities	37.0	13.0	5.0	34.0	26.0	4.0	2.0	52.0
Total opportunities	38.0	14.0	9.0	34.0	26.0	4.0	2.0	57.0
Indicator value	93.3%	93.3%	92.0%	92.8%	93.0%	92.6%	93.7%	94.0%

Licensee Comments: none

ERO Drill Participation



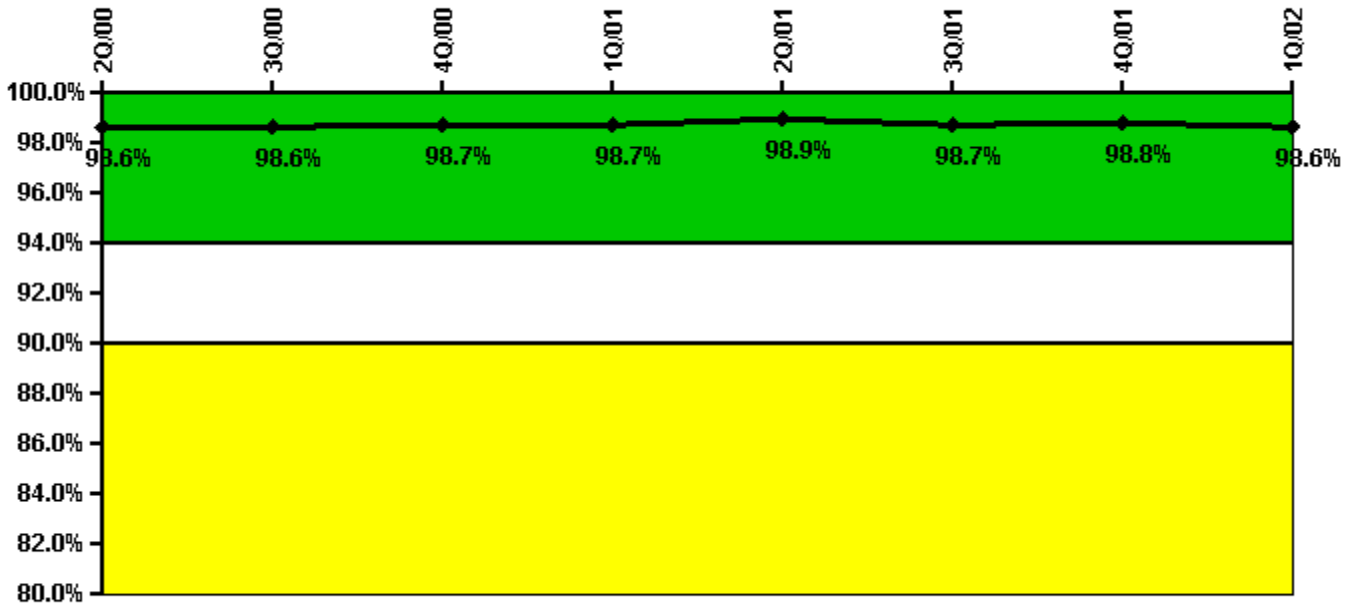
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Participating Key personnel	54.0	40.0	37.0	37.0	37.0	37.0	36.0	35.0
Total Key personnel	57.0	40.0	38.0	37.0	37.0	38.0	38.0	36.0
Indicator value	94.7%	100.0%	97.4%	100.0%	100.0%	97.4%	94.7%	97.2%

Licensee Comments: none

Alert & Notification System



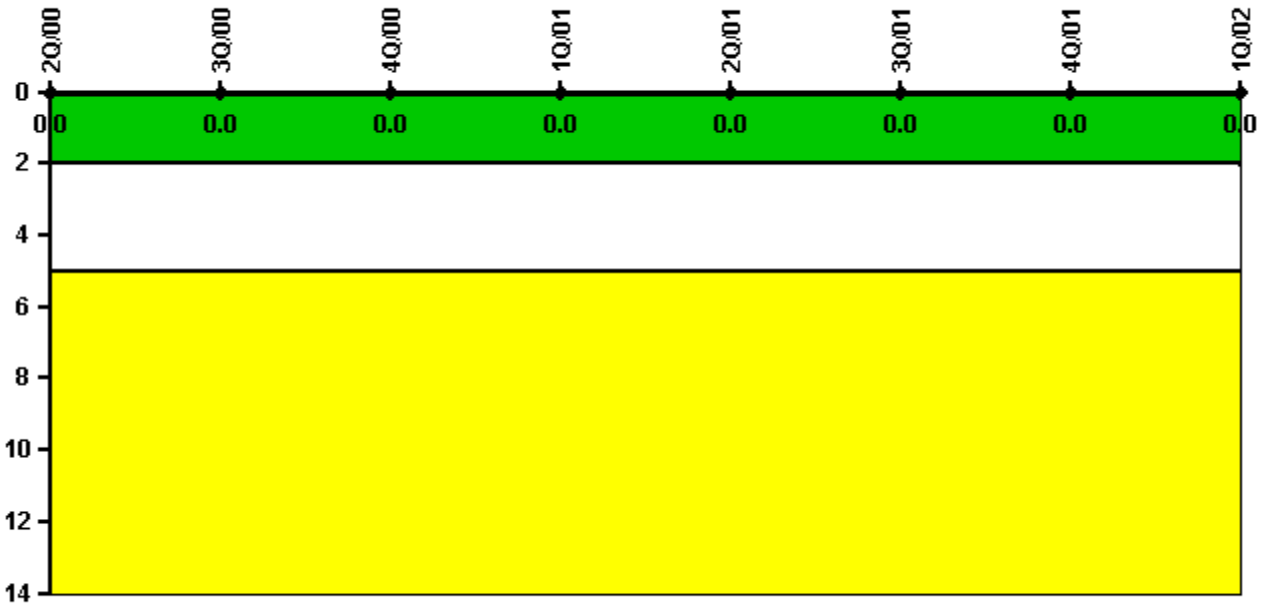
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Successful siren-tests	554	640	559	645	559	594	682	642
Total sirens-tests	567	648	567	648	567	607	689	648
Indicator value	98.6%	98.6%	98.7%	98.7%	98.9%	98.7%	98.8%	98.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness



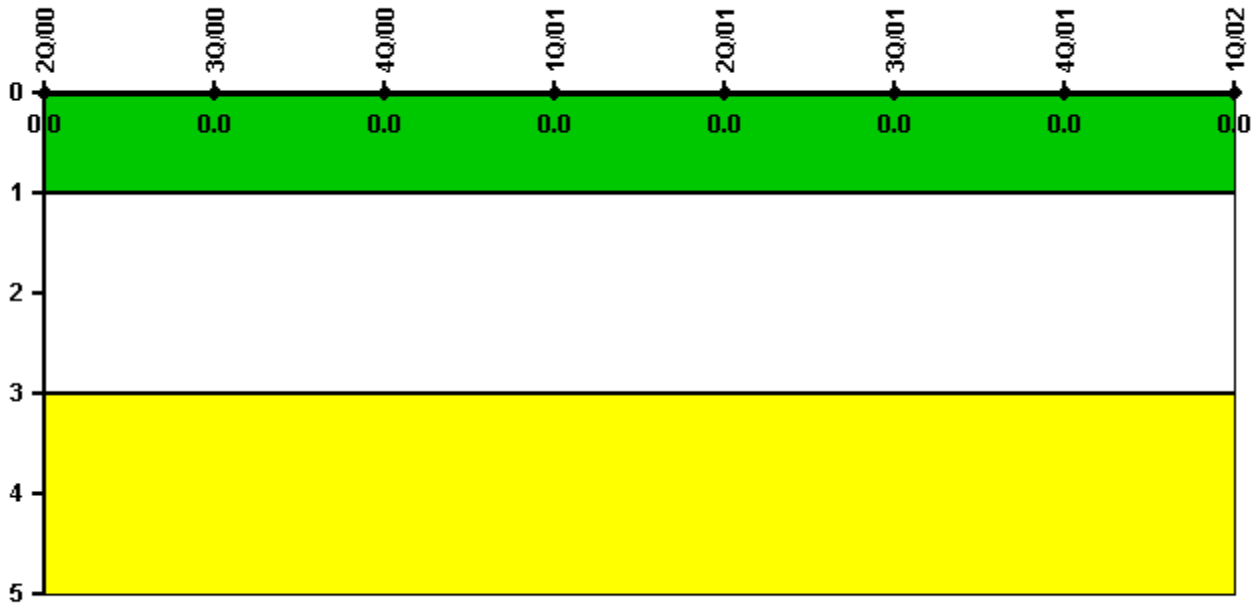
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
High radiation area occurrences	0	0	0	0	0	0	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



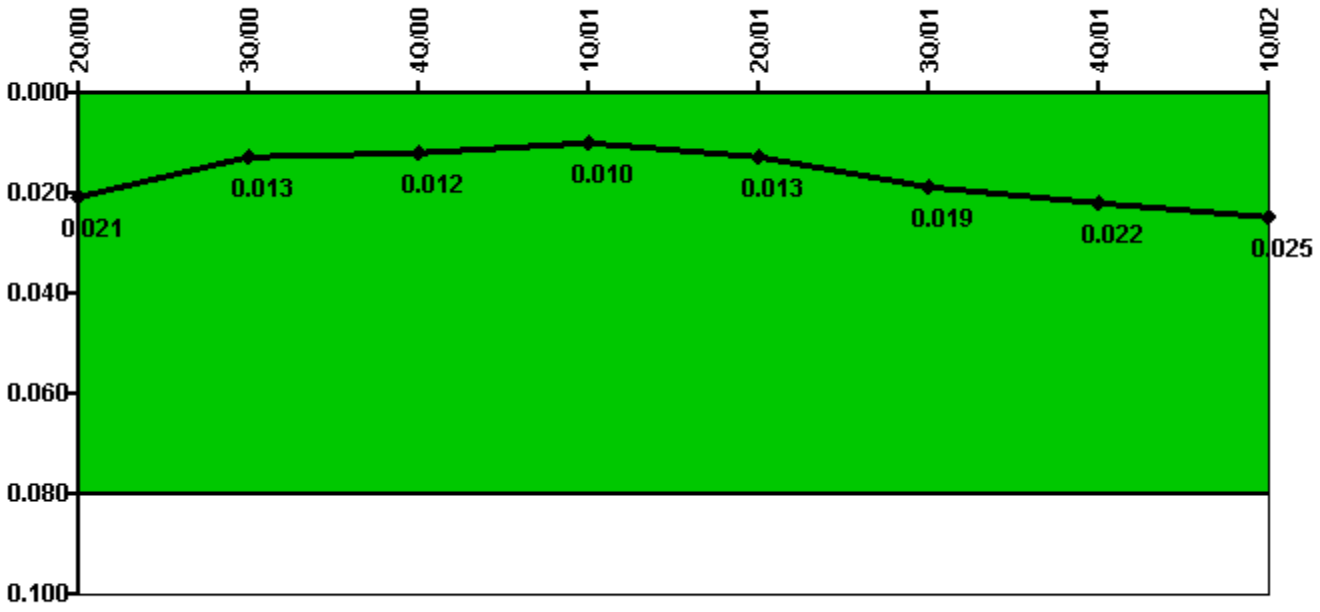
Thresholds: White > 1.0 Yellow > 3.0

Notes

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

Licensee Comments: none

Protected Area Security Performance Index



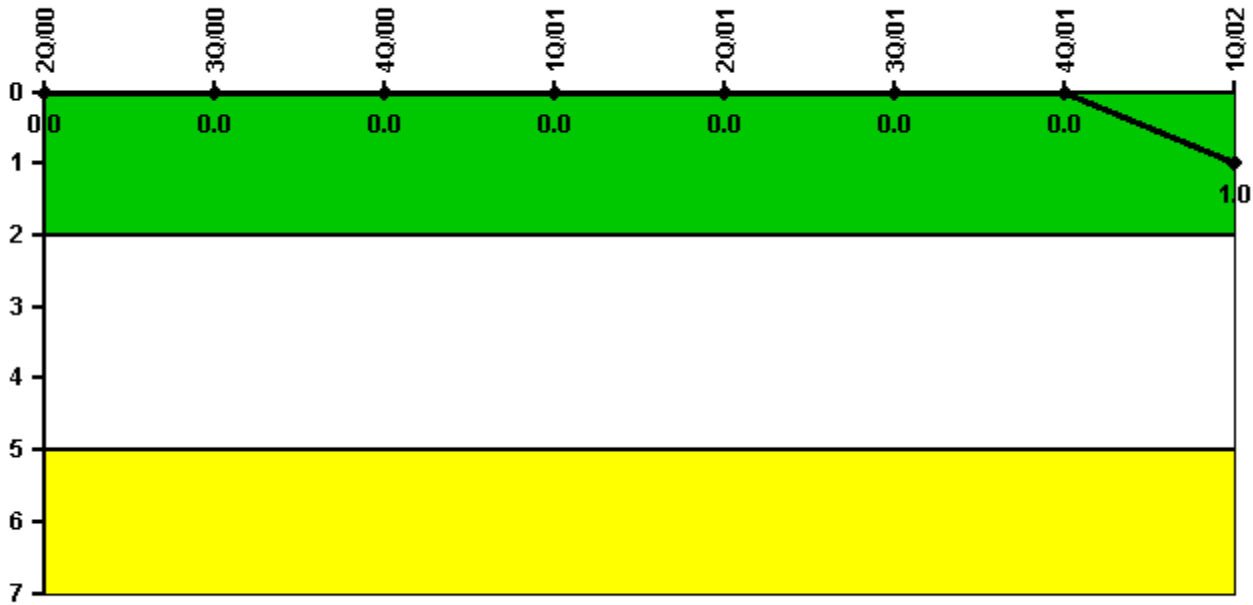
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
IDS compensatory hours	101.92	128.85	108.40	53.08	256.70	332.20	250.40	353.08
CCTV compensatory hours	0	0	0	61.4	0.5	36.4	0	0
IDS normalization factor	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85
CCTV normalization factor	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
Index Value	0.021	0.013	0.012	0.010	0.013	0.019	0.022	0.025

Licensee Comments: none

Personnel Screening Program



Thresholds: White > 2.0 Yellow > 5.0

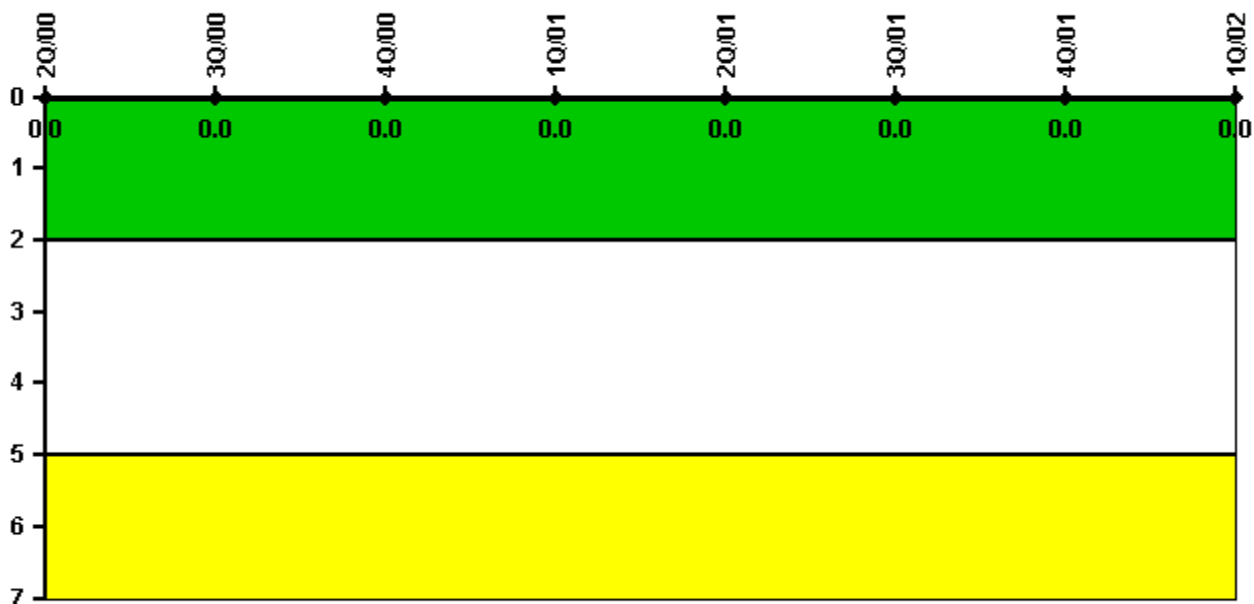
Notes

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

Licensee Comments:

1Q/02: On 2/26/02 it was discovered that an individual on a temporary clearance had falsified his PHQ concerning criminal history. This individual would not have been granted access if this history had been known.

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

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

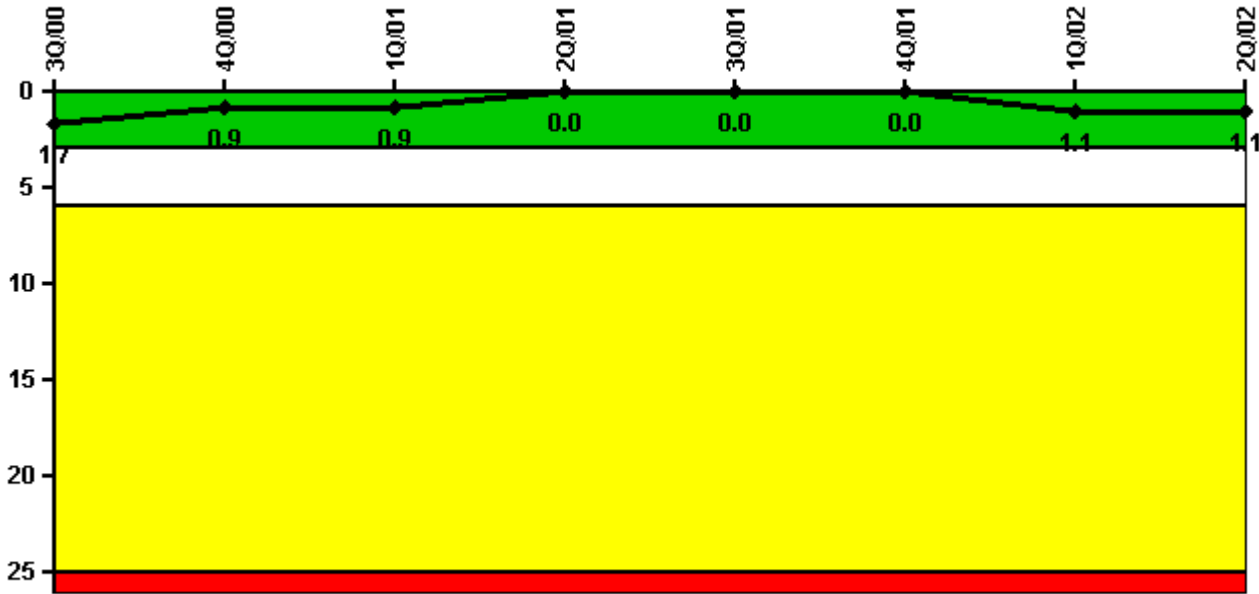
Last Modified: May 1, 2002

Harris 1

2Q/2002 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Unplanned scrams	0	0	0	0	0	0	1.0	0
Critical hours	2208.0	2209.0	2160.0	2183.0	1992.2	7.5	2142.3	2184.0
Indicator value	1.7	0.9	0.9	0	0	0	1.1	1.1

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



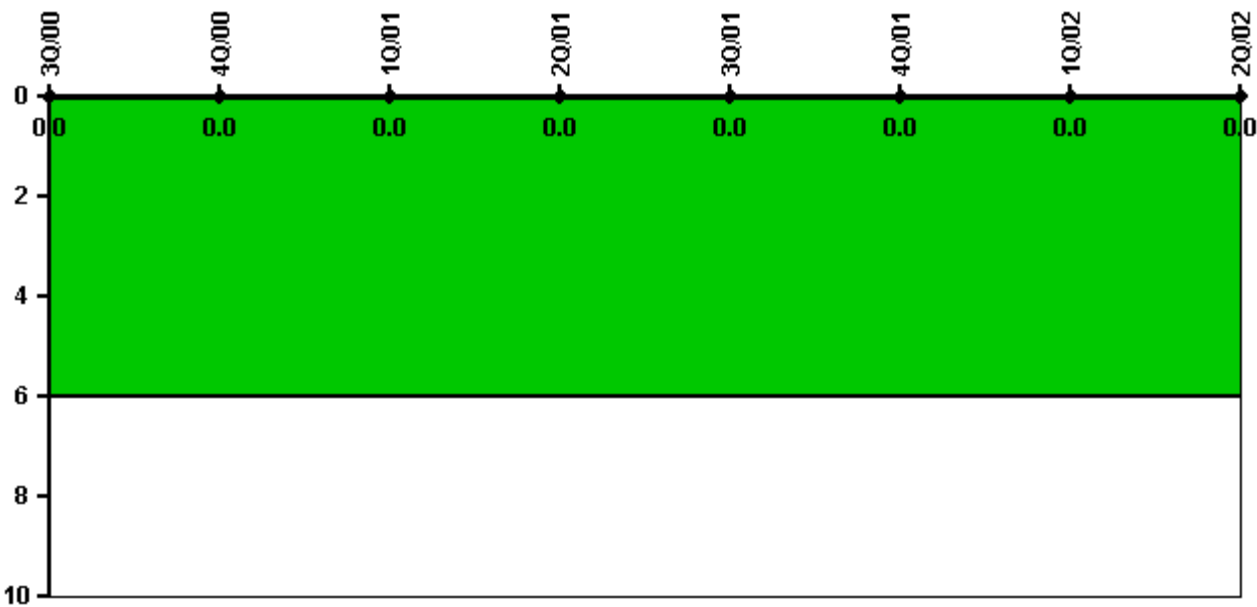
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



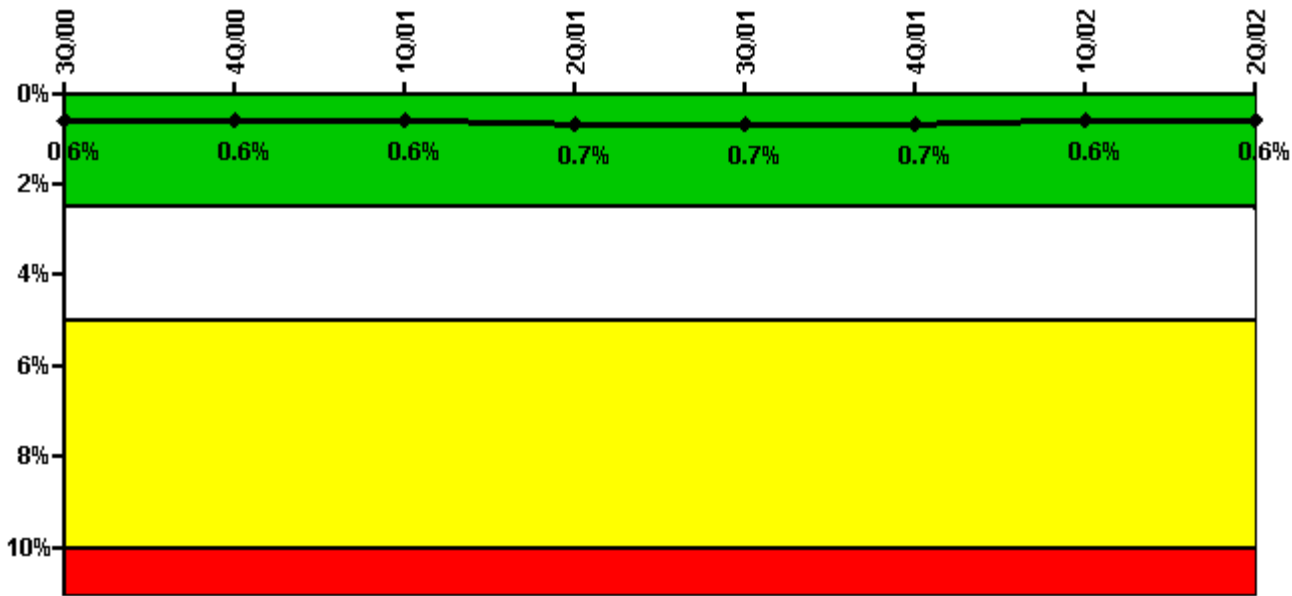
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2208.0	2209.0	2160.0	2183.0	1992.2	7.5	2142.3	2184.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



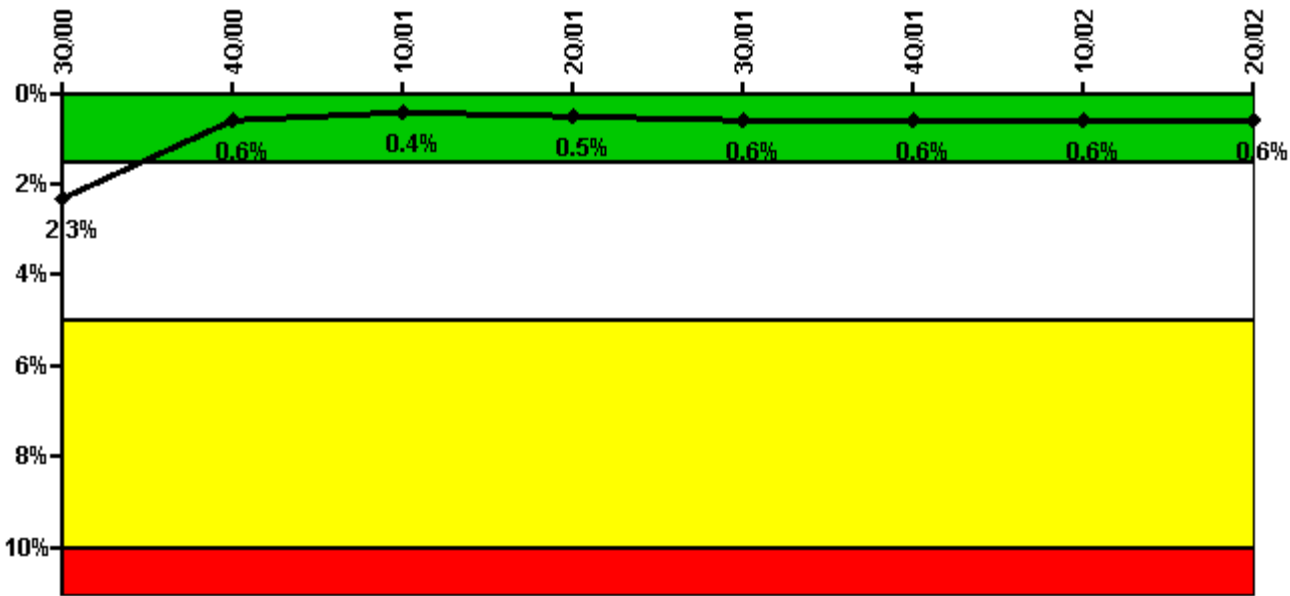
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours	19.85	3.01	15.84	3.49	21.09	1.22	16.98	4.01
Unplanned unavailable hours	0	0.32	6.50	0.20	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	2208.00	2209.00	2160.00	2183.00	2005.50	837.57	2160.00	2184.00
Train 2								
Planned unavailable hours	7.84	2.51	35.63	12.93	1.78	0	14.29	12.35
Unplanned unavailable hours	0	0.75	1.47	9.26	0	0	0	11.95
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	727.97	2160.00	2184.00
Indicator value	0.6%	0.6%	0.6%	0.7%	0.7%	0.7%	0.6%	0.6%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



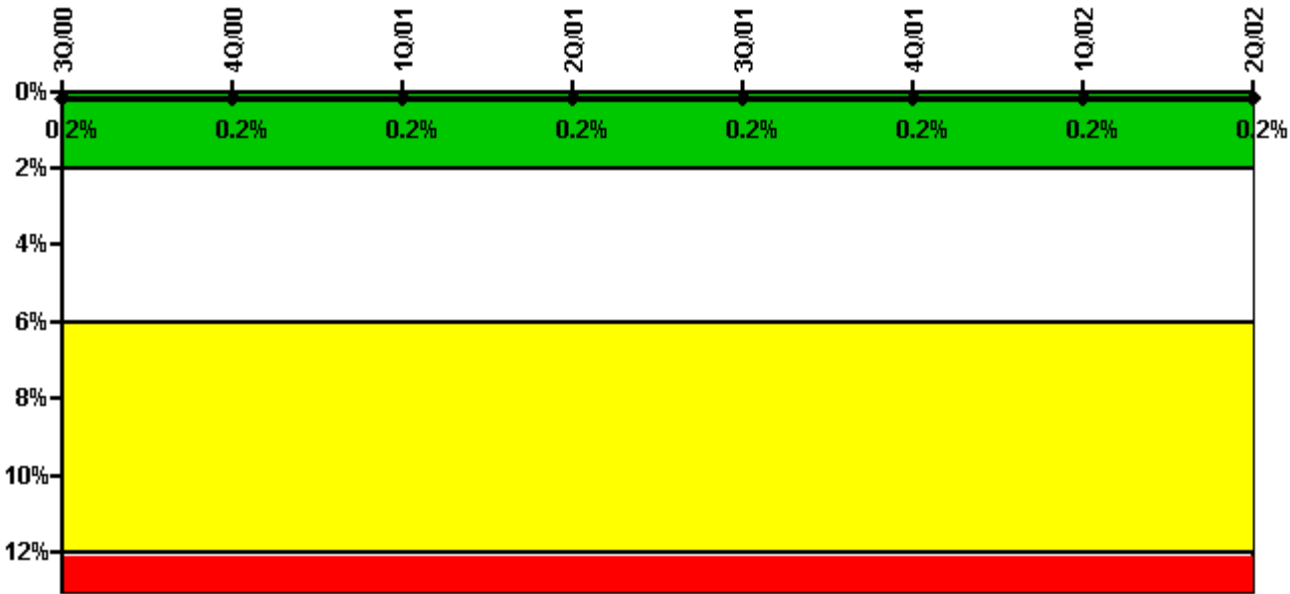
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours	7.03	0.47	10.45	25.40	36.36	0	24.41	9.27
Unplanned unavailable hours	0	0	0	0	0	0	10.45	0.55
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	842.84	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2005.50	108.28	2160.00	2184.00
Train 2								
Planned unavailable hours	4.75	7.47	9.65	30.65	8.52	0	10.51	22.57
Unplanned unavailable hours	0	0	0	8.95	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	97.05	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2005.50	108.28	2160.00	2184.00
Indicator value	2.3%	0.6%	0.4%	0.5%	0.6%	0.6%	0.6%	0.6%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



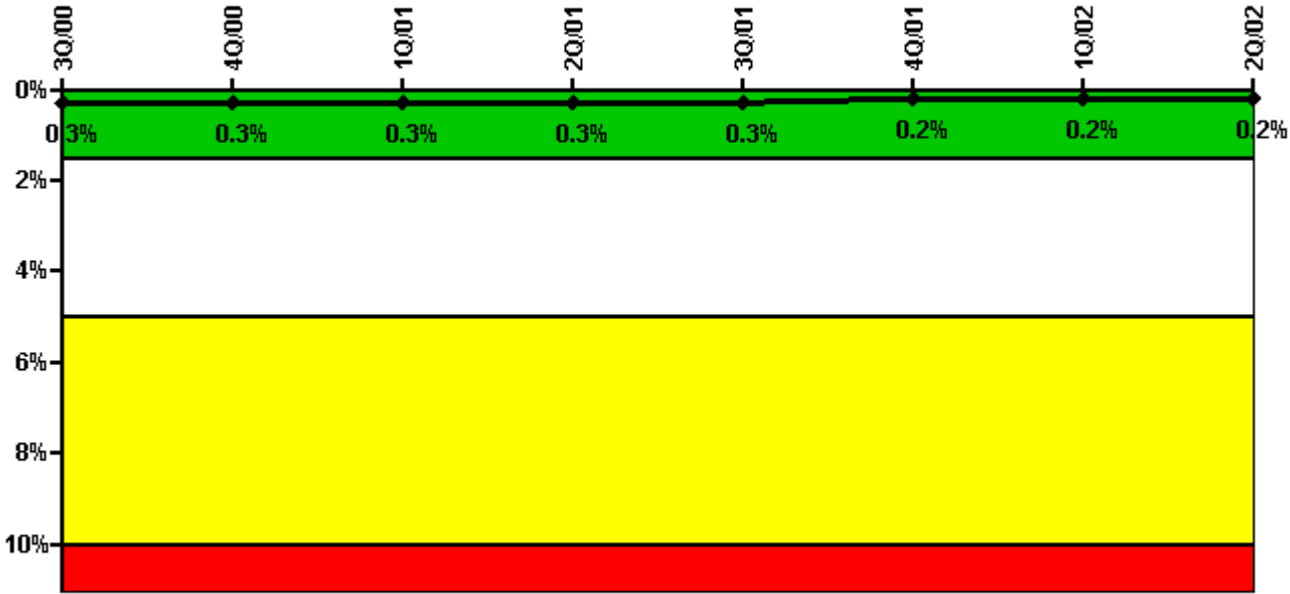
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours	0	0	0	1.17	0	0	0	0
Unplanned unavailable hours	0	0	0	4.27	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	1996.72	68.72	2160.00	2184.00
Train 2								
Planned unavailable hours	0	5.60	0	0	3.38	0	0	6.00
Unplanned unavailable hours	0	0	0	1.38	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	1996.72	68.72	2160.00	2184.00
Train 3								
Planned unavailable hours	10.92	0.47	0	6.83	8.47	0	11.67	0
Unplanned unavailable hours	0	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	2208.00	2209.00	2160.00	2183.00	1996.72	68.72	2160.00	2184.00
Indicator value	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



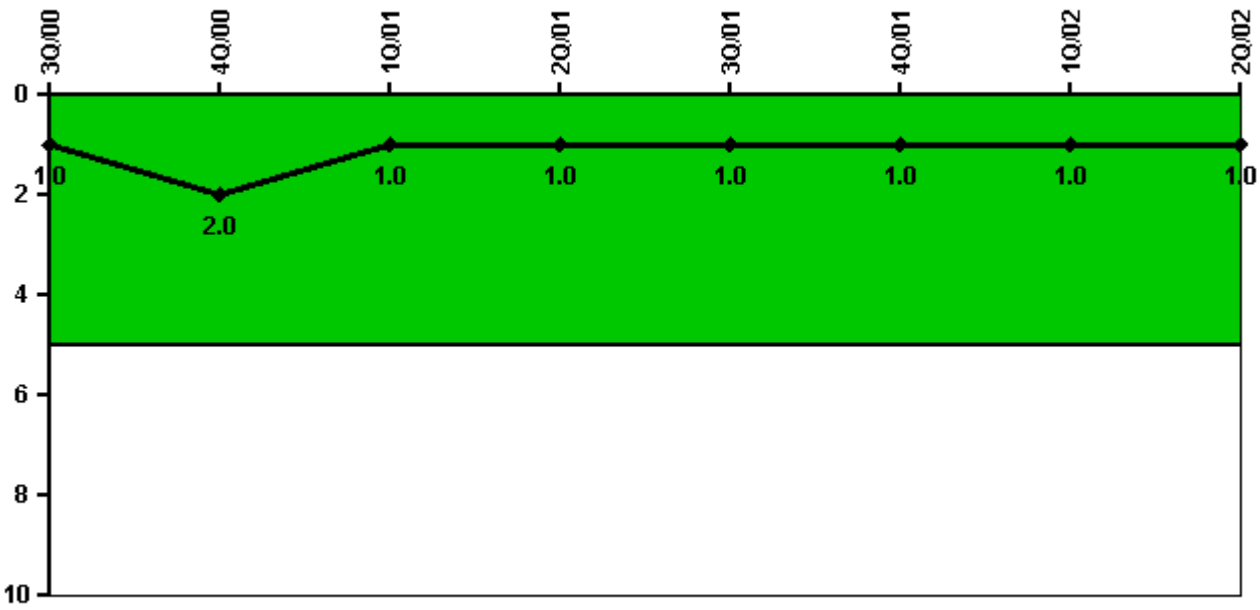
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

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	10.50	8.00	5.20	0	8.70	0	4.20	2.72
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	726.75	2160.00	2184.00
Train 2								
Planned unavailable hours	0	3.00	0	1.20	8.30	0	4.40	5.22
Unplanned unavailable hours	0	0	0	0	3.70	0	0	0
Fault exposure hours	0	0	0	0	7.70	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	726.75	2160.00	2184.00
Indicator value	0.3%	0.3%	0.3%	0.3%	0.3%	0.2%	0.2%	0.2%

Licensee Comments: none

Safety System Functional Failures (PWR)



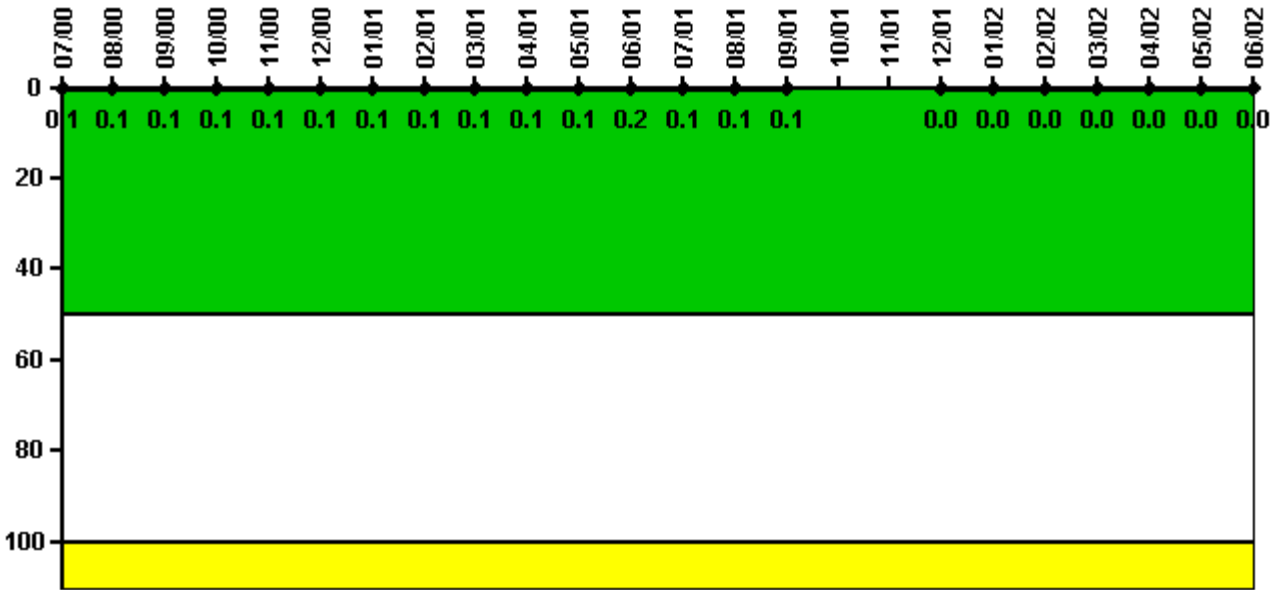
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

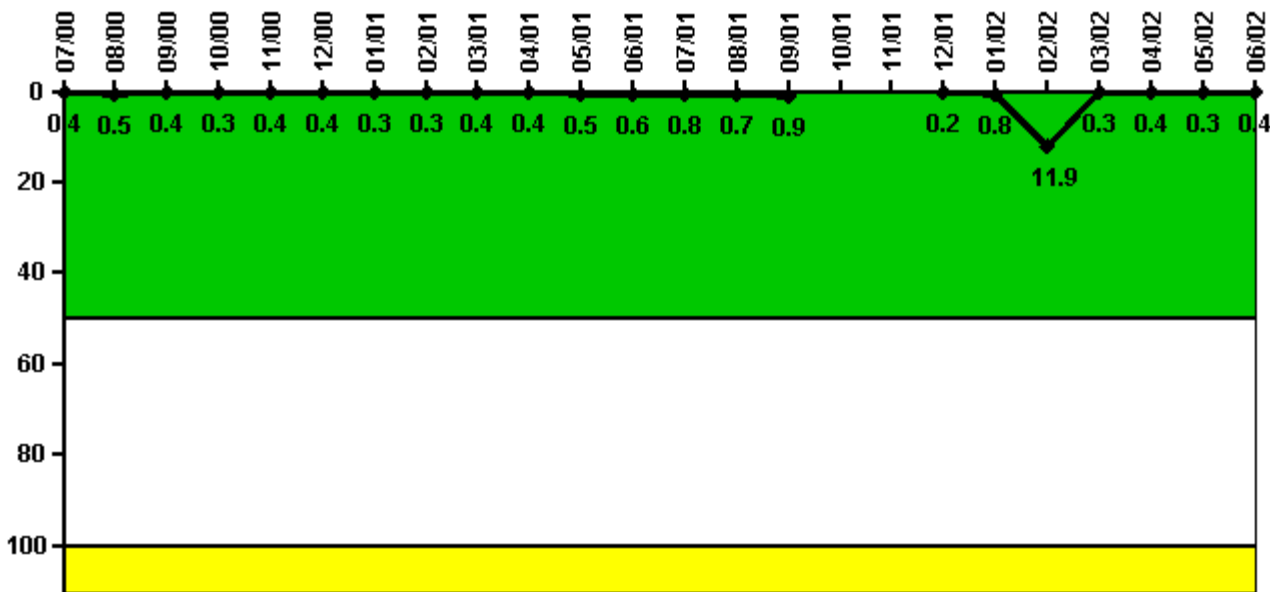
Notes

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	0.000636	0.000671	0.000669	0.000716	0.000728	0.000749	0.000779	0.000791	0.000820	0.000837	0.000939	0.002140
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2

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	0.001430	0.001323	0.001280	N/A	N/A	0	0.000126	0.000197	0.000185	0.000241	0.000157	0.000212
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	N/A	N/A	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

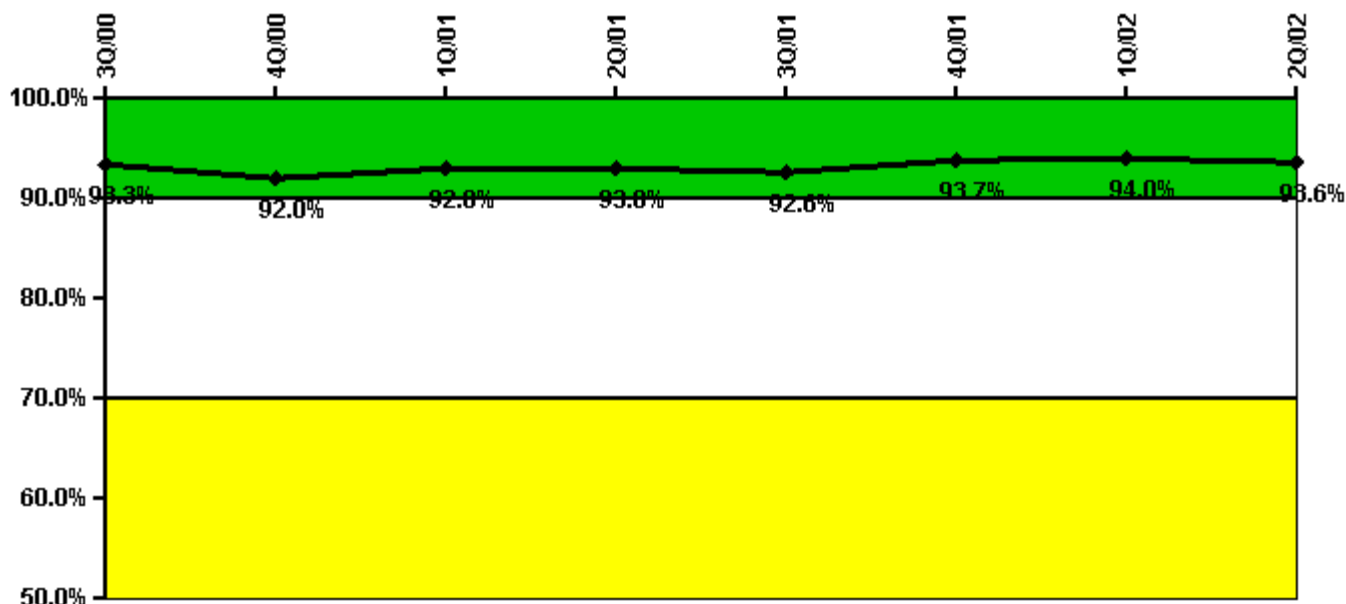
Notes

Reactor Coolant System Leakage	7/00	8/00	9/00	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum leakage	0.040	0.050	0.040	0.030	0.040	0.040	0.030	0.030	0.040	0.040	0.050	0.060
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.5	0.4	0.3	0.4	0.4	0.3	0.3	0.4	0.4	0.5	0.6

Reactor Coolant System Leakage	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02
Maximum leakage	0.080	0.070	0.090	N/A	N/A	0.020	0.080	1.190	0.030	0.040	0.030	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.8	0.7	0.9	N/A	N/A	0.2	0.8	11.9	0.3	0.4	0.3	0.4

Licensee Comments: none

Drill/Exercise Performance



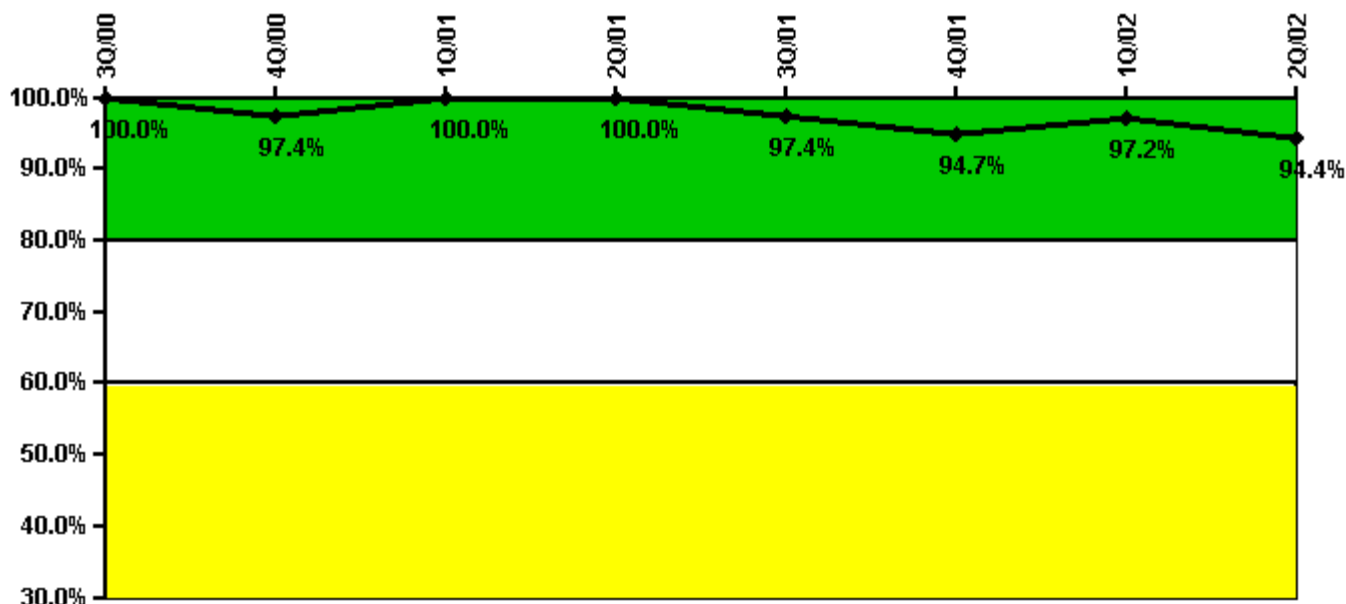
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Successful opportunities	13.0	5.0	34.0	26.0	4.0	2.0	52.0	10.0
Total opportunities	14.0	9.0	34.0	26.0	4.0	2.0	57.0	10.0
Indicator value	93.3%	92.0%	92.8%	93.0%	92.6%	93.7%	94.0%	93.6%

Licensee Comments: none

ERO Drill Participation



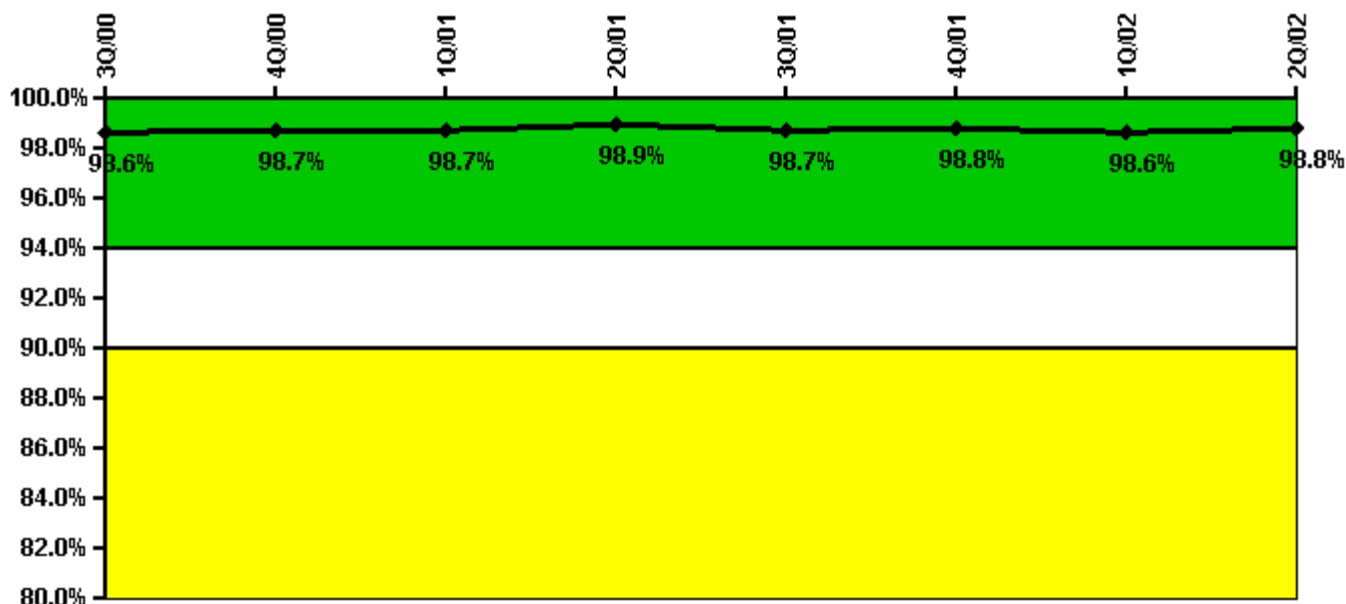
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Participating Key personnel	40.0	37.0	37.0	37.0	37.0	36.0	35.0	34.0
Total Key personnel	40.0	38.0	37.0	37.0	38.0	38.0	36.0	36.0
Indicator value	100.0%	97.4%	100.0%	100.0%	97.4%	94.7%	97.2%	94.4%

Licensee Comments: none

Alert & Notification System



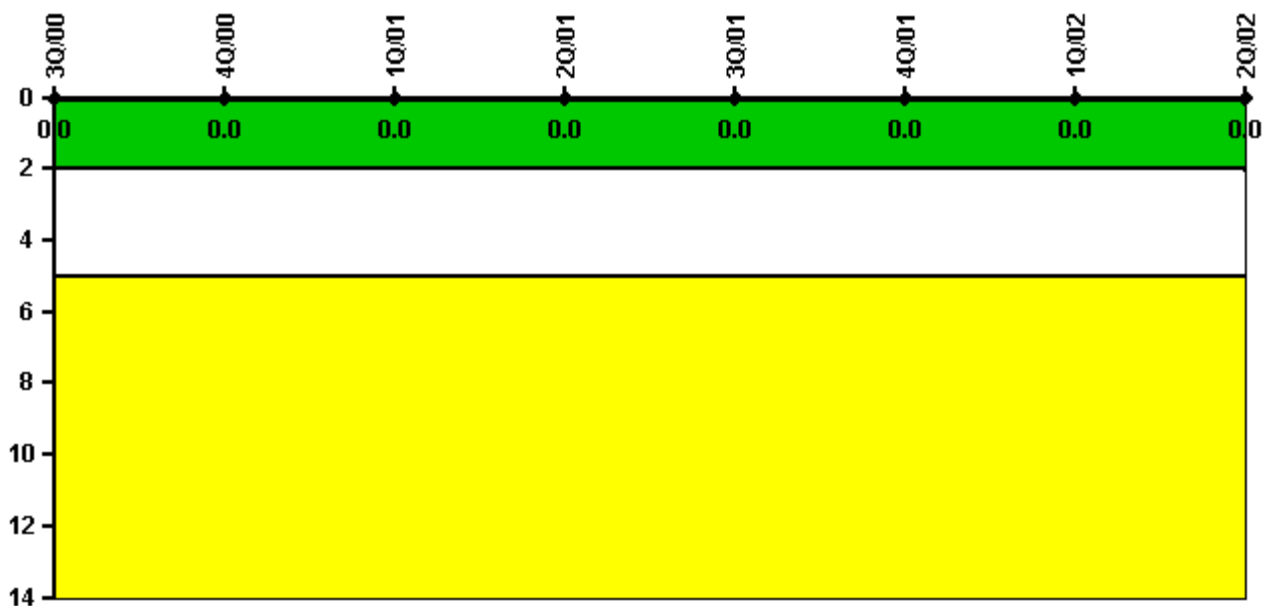
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Successful siren-tests	640	559	645	559	594	682	642	564
Total sirens-tests	648	567	648	567	607	689	648	567
Indicator value	98.6%	98.7%	98.7%	98.9%	98.7%	98.8%	98.6%	98.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



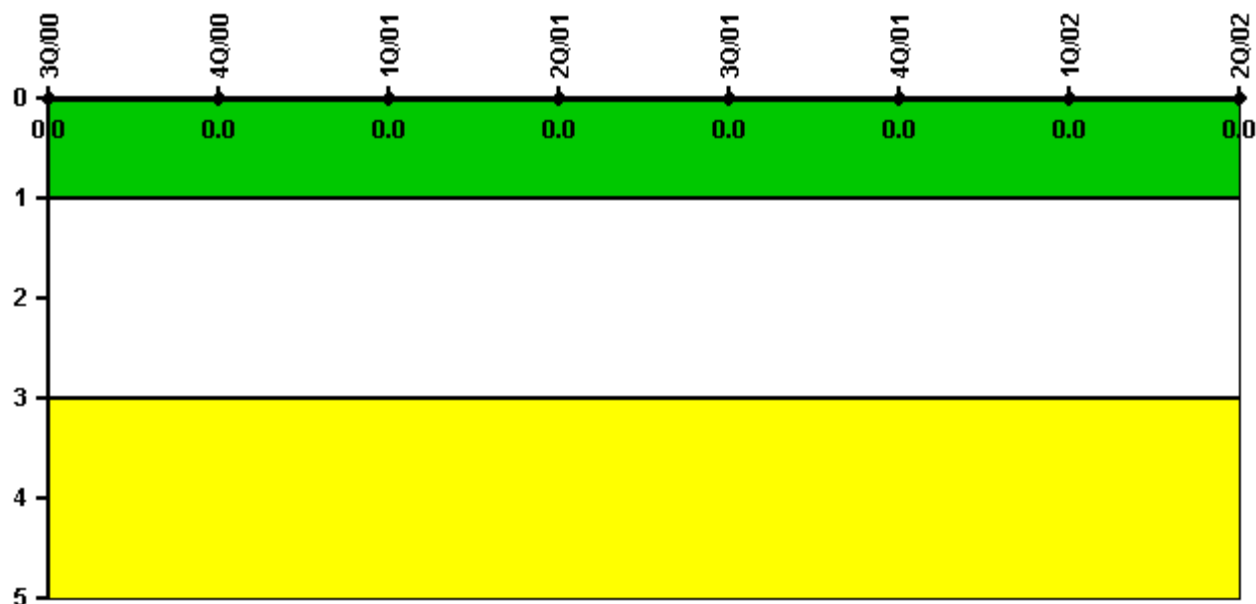
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
High radiation area occurrences	0	0	0	0	0	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



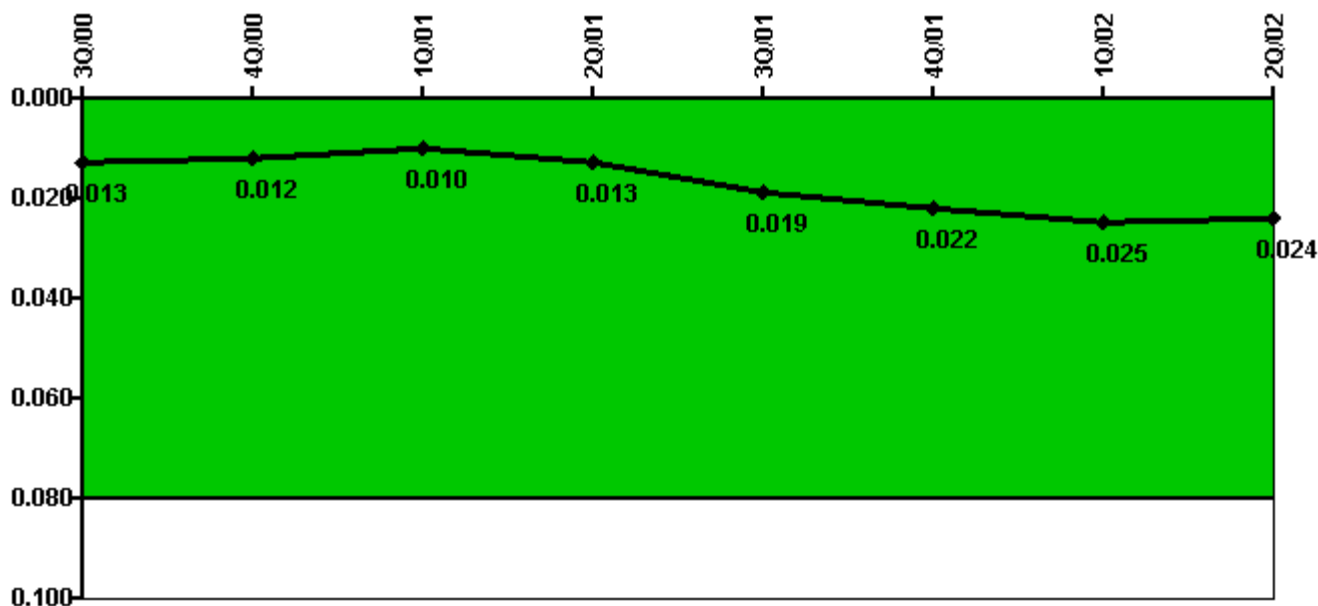
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/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



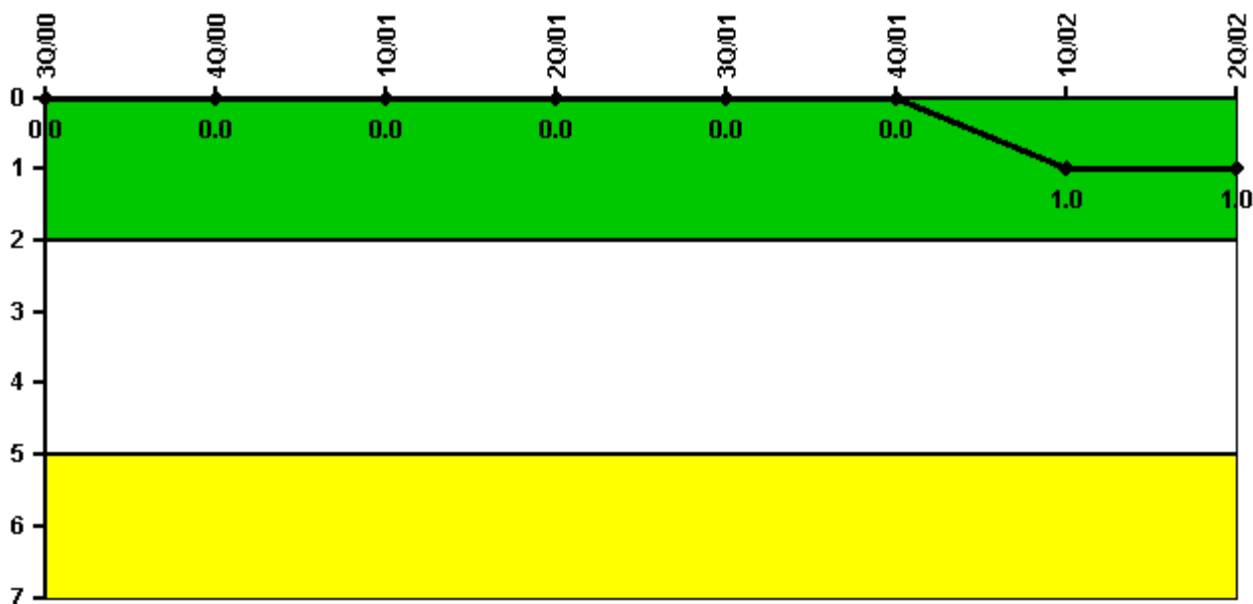
Thresholds: White > 0.080

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	128.85	108.40	53.08	256.70	332.20	250.40	353.08	184.08
CCTV compensatory hours	0	0	61.4	0.5	36.4	0	0	3.1
IDS normalization factor	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85
CCTV normalization factor	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
Index Value	0.013	0.012	0.010	0.013	0.019	0.022	0.025	0.024

Licensee Comments: none

Personnel Screening Program



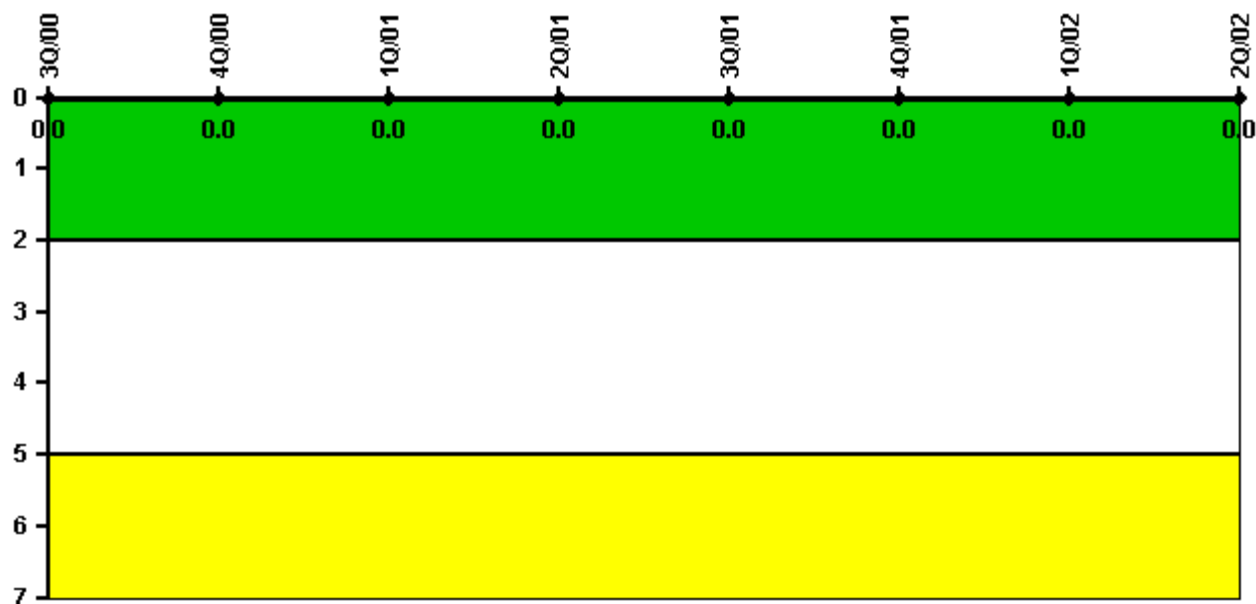
Thresholds: White > 2.0 Yellow > 5.0

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	1	0
Indicator value	0	0	0	0	0	0	1	1

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](#)

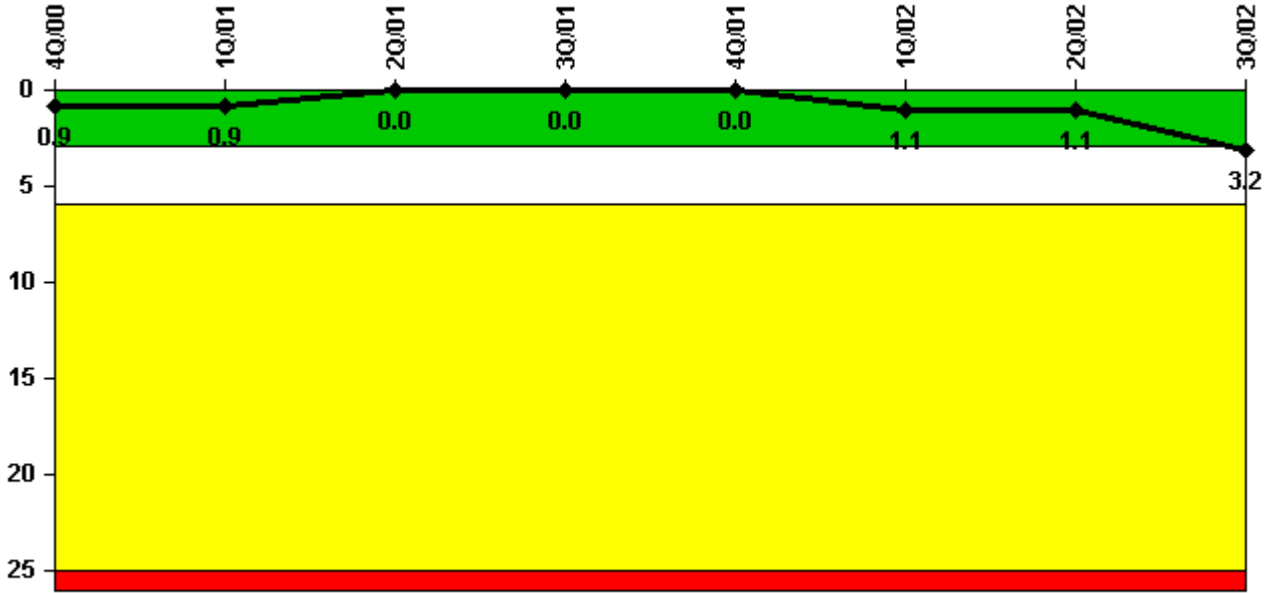
Last Modified: July 31, 2002

Harris 1

3Q/2002 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Unplanned scrams	0	0	0	0	0	1.0	0	2.0
Critical hours	2209.0	2160.0	2183.0	1992.2	7.5	2142.3	2184.0	2173.9
Indicator value	0.9	0.9	0	0	0	1.1	1.1	3.2

Licensee Comments:

3Q/02: Manual Reactor Trip on 07/13/02 due to problems with main turbine control system (LER 02-02-00). Automatic trip on 08/15/02 due to momentary low voltage on the offsite power system (LER 02-03-00).

Scrams with Loss of Normal Heat Removal



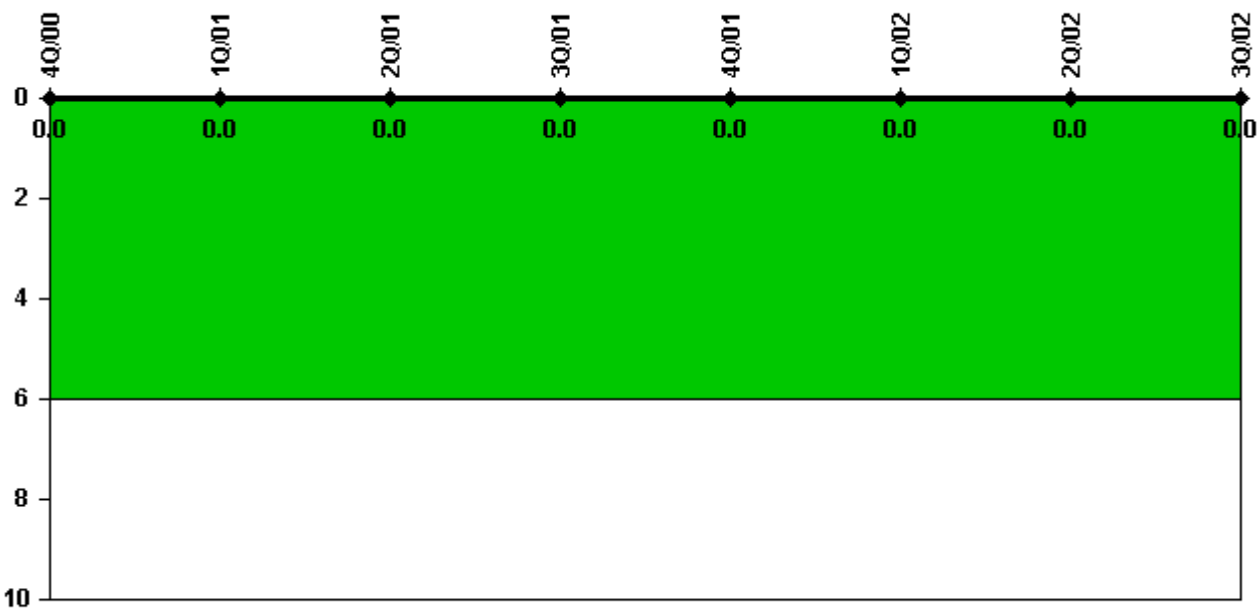
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



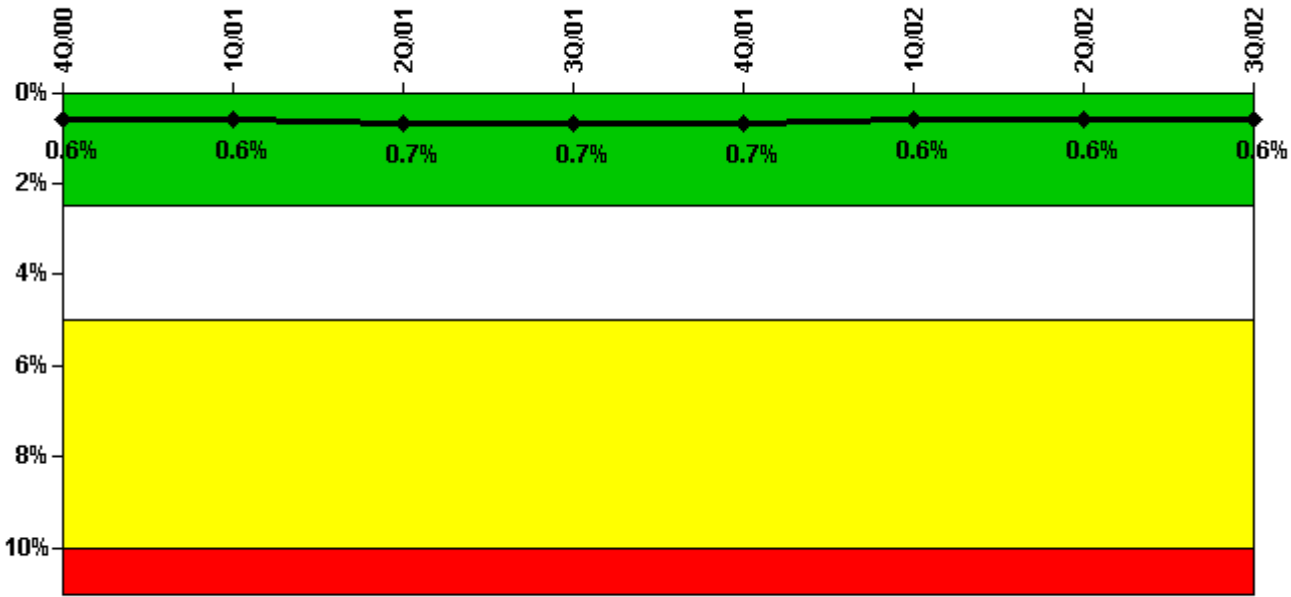
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2209.0	2160.0	2183.0	1992.2	7.5	2142.3	2184.0	2173.9
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



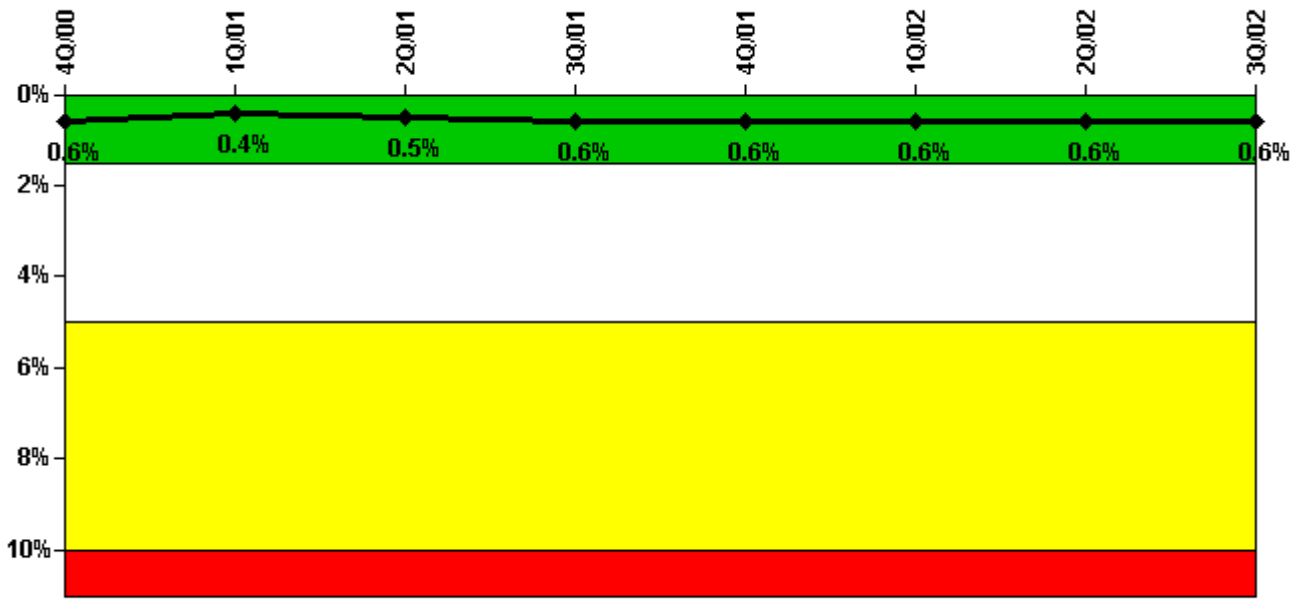
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Train 1								
Planned unavailable hours	3.01	15.84	3.49	21.09	1.22	16.98	4.01	10.47
Unplanned unavailable hours	0.32	6.50	0.20	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	2209.00	2160.00	2183.00	2005.50	837.57	2160.00	2184.00	2208.00
Train 2								
Planned unavailable hours	2.51	35.63	12.93	1.78	0	14.29	12.35	2.67
Unplanned unavailable hours	0.75	1.47	9.26	0	0	0	11.95	0
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	727.97	2160.00	2184.00	2208.00
Indicator value	0.6%	0.6%	0.7%	0.7%	0.7%	0.6%	0.6%	0.6%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



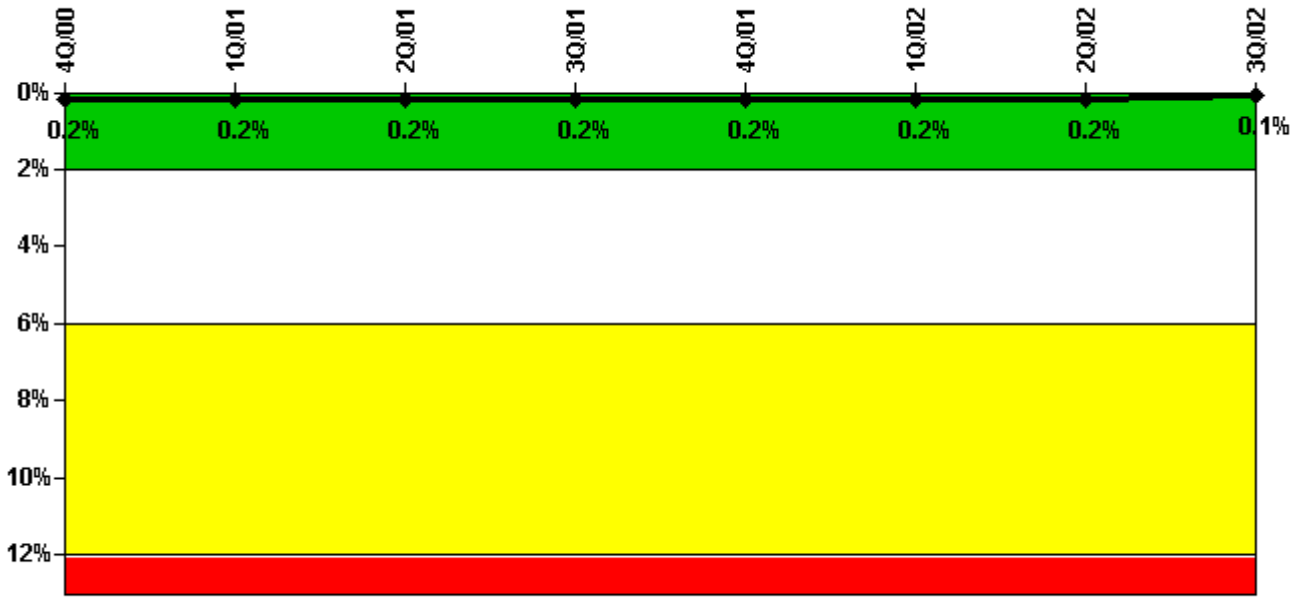
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Train 1								
Planned unavailable hours	0.47	10.45	25.40	36.36	0	24.41	9.27	18.05
Unplanned unavailable hours	0	0	0	0	0	10.45	0.55	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	842.84	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2005.50	108.28	2160.00	2184.00	2208.00
Train 2								
Planned unavailable hours	7.47	9.65	30.65	8.52	0	10.51	22.57	16.13
Unplanned unavailable hours	0	0	8.95	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	97.05	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2005.50	108.28	2160.00	2184.00	2208.00
Indicator value	0.6%	0.4%	0.5%	0.6%	0.6%	0.6%	0.6%	0.6%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



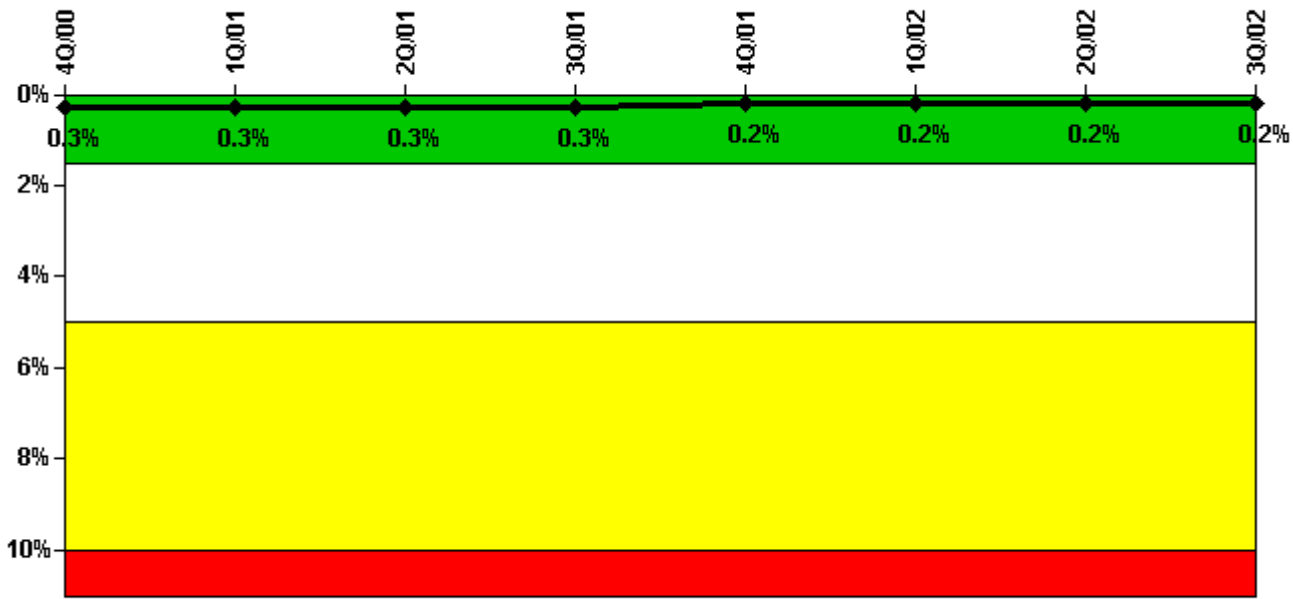
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Train 1								
Planned unavailable hours	0	0	1.17	0	0	0	0	0.73
Unplanned unavailable hours	0	0	4.27	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	1996.72	68.72	2160.00	2184.00	2208.00
Train 2								
Planned unavailable hours	5.60	0	0	3.38	0	0	6.00	0
Unplanned unavailable hours	0	0	1.38	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	2209.00	2160.00	2183.00	1996.72	68.72	2160.00	2184.00	2208.00
Train 3								
Planned unavailable hours	0.47	0	6.83	8.47	0	11.67	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	2209.00	2160.00	2183.00	1996.72	68.72	2160.00	2184.00	2208.00
Indicator value	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.1%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



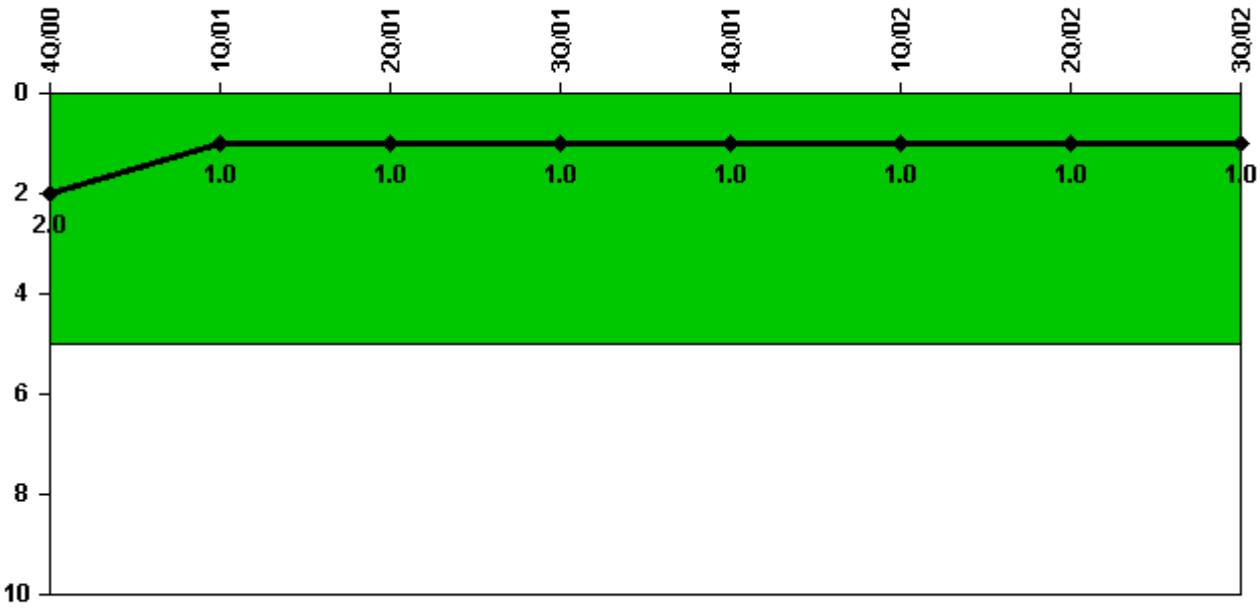
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

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	8.00	5.20	0	8.70	0	4.20	2.72	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	726.75	2160.00	2184.00	2208.00
Train 2								
Planned unavailable hours	3.00	0	1.20	8.30	0	4.40	5.22	0
Unplanned unavailable hours	0	0	0	3.70	0	0	0	0
Fault exposure hours	0	0	0	7.70	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	726.75	2160.00	2184.00	2208.00
Indicator value	0.3%	0.3%	0.3%	0.3%	0.2%	0.2%	0.2%	0.2%

Licensee Comments: none

Safety System Functional Failures (PWR)



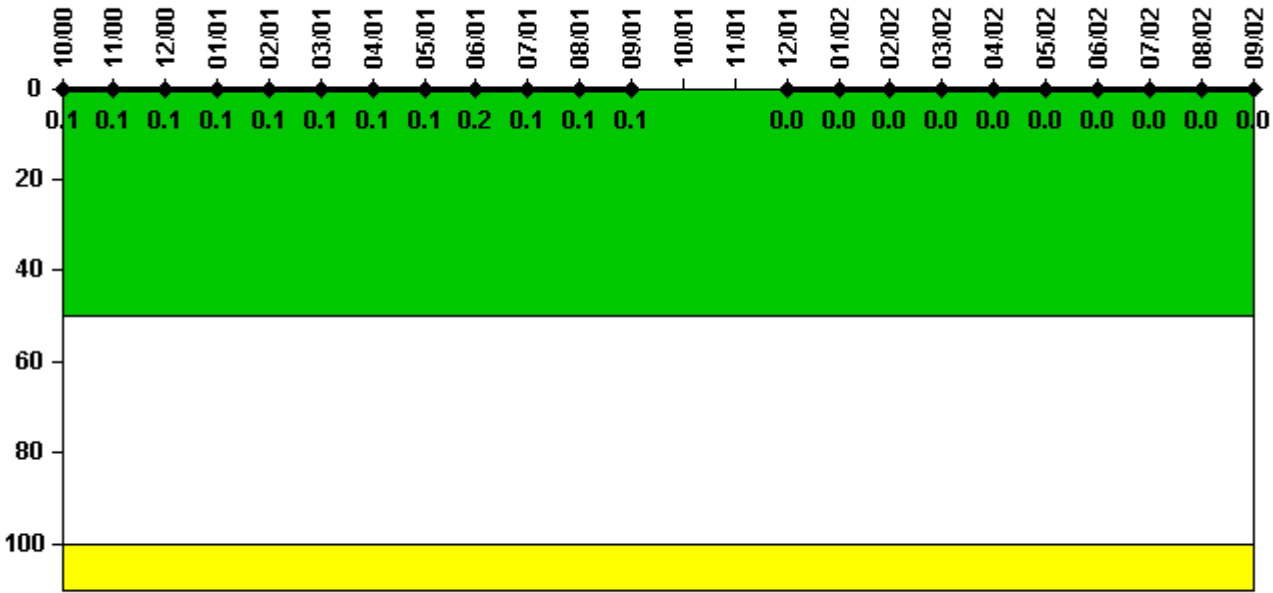
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

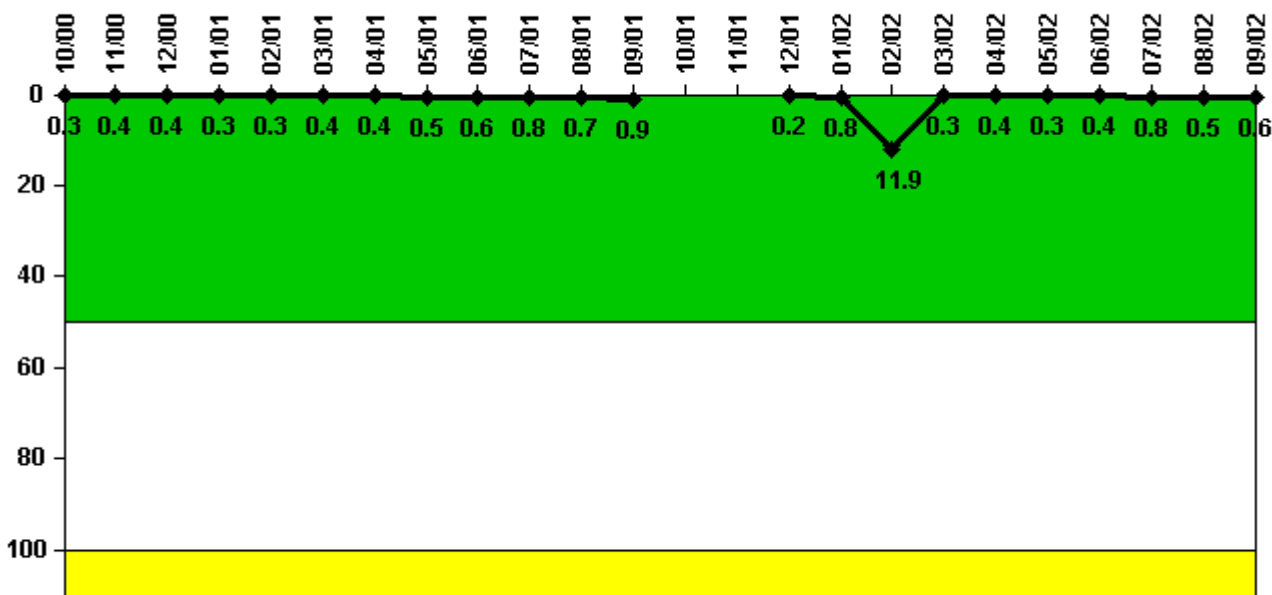
Notes

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	0.000716	0.000728	0.000749	0.000779	0.000791	0.000820	0.000837	0.000939	0.002140	0.001430	0.001323	0.001280
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1

Reactor Coolant System Activity	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02
Maximum activity	N/A	N/A	0	0.000126	0.000197	0.000185	0.000241	0.000157	0.000212	0.000160	0.000165	0.000355
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	N/A	N/A	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

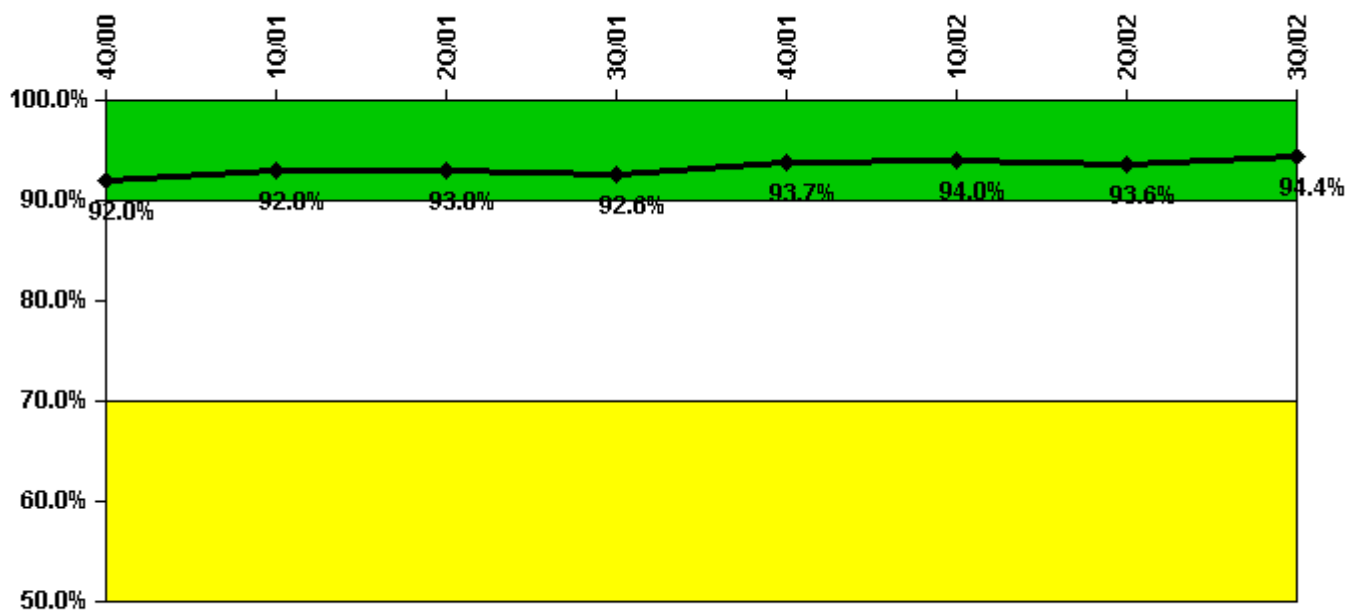
Notes

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01
Maximum leakage	0.030	0.040	0.040	0.030	0.030	0.040	0.040	0.050	0.060	0.080	0.070	0.090
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.4	0.4	0.3	0.3	0.4	0.4	0.5	0.6	0.8	0.7	0.9

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	N/A	N/A	0.020	0.080	1.190	0.030	0.040	0.030	0.040	0.080	0.050	0.060
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	N/A	N/A	0.2	0.8	11.9	0.3	0.4	0.3	0.4	0.8	0.5	0.6

Licensee Comments: none

Drill/Exercise Performance



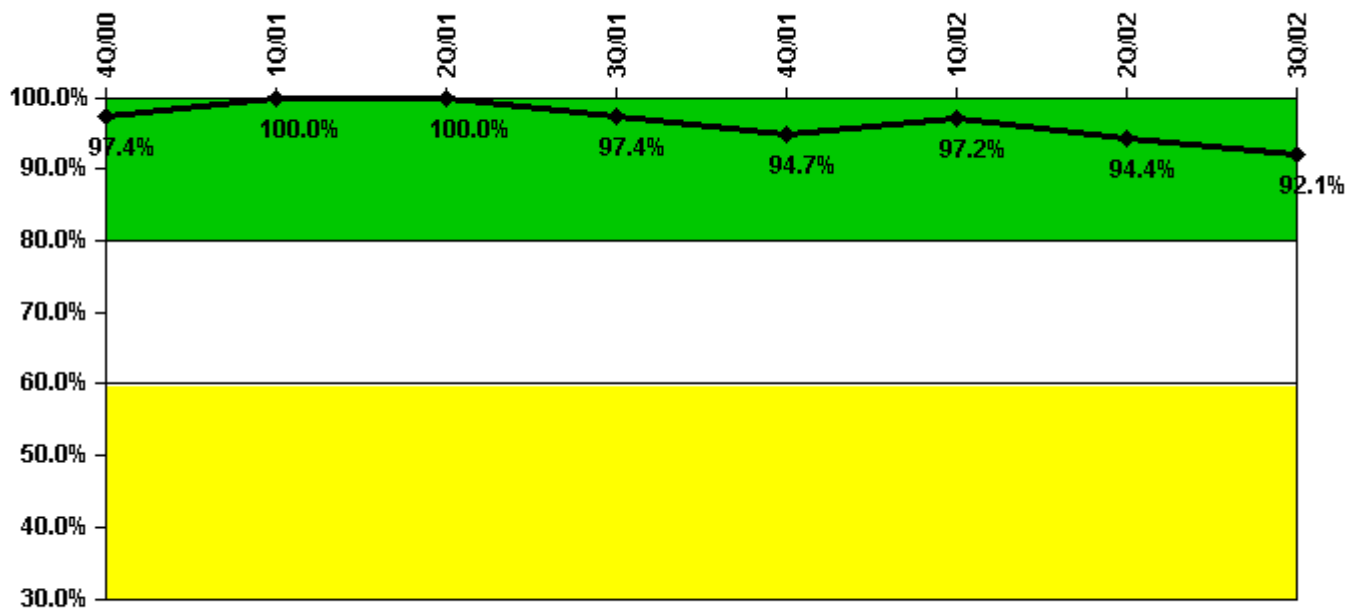
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Successful opportunities	5.0	34.0	26.0	4.0	2.0	52.0	10.0	18.0
Total opportunities	9.0	34.0	26.0	4.0	2.0	57.0	10.0	18.0
Indicator value	92.0%	92.8%	93.0%	92.6%	93.7%	94.0%	93.6%	94.4%

Licensee Comments: none

ERO Drill Participation



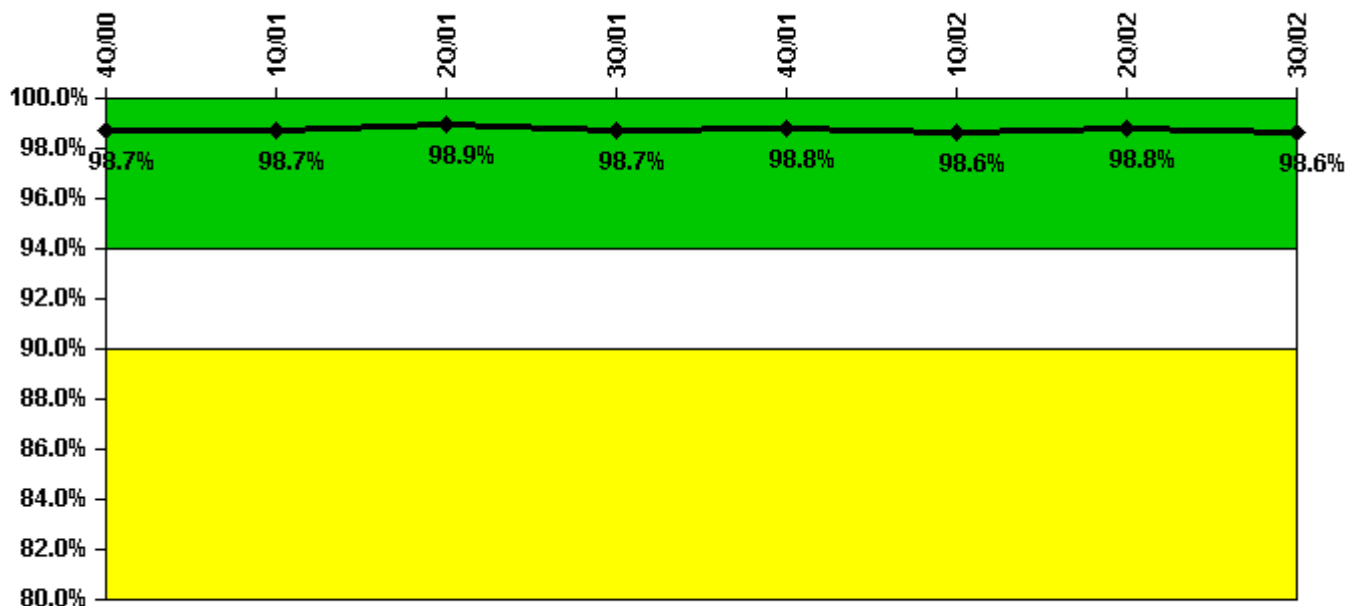
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Participating Key personnel	37.0	37.0	37.0	37.0	36.0	35.0	34.0	35.0
Total Key personnel	38.0	37.0	37.0	38.0	38.0	36.0	36.0	38.0
Indicator value	97.4%	100.0%	100.0%	97.4%	94.7%	97.2%	94.4%	92.1%

Licensee Comments: none

Alert & Notification System



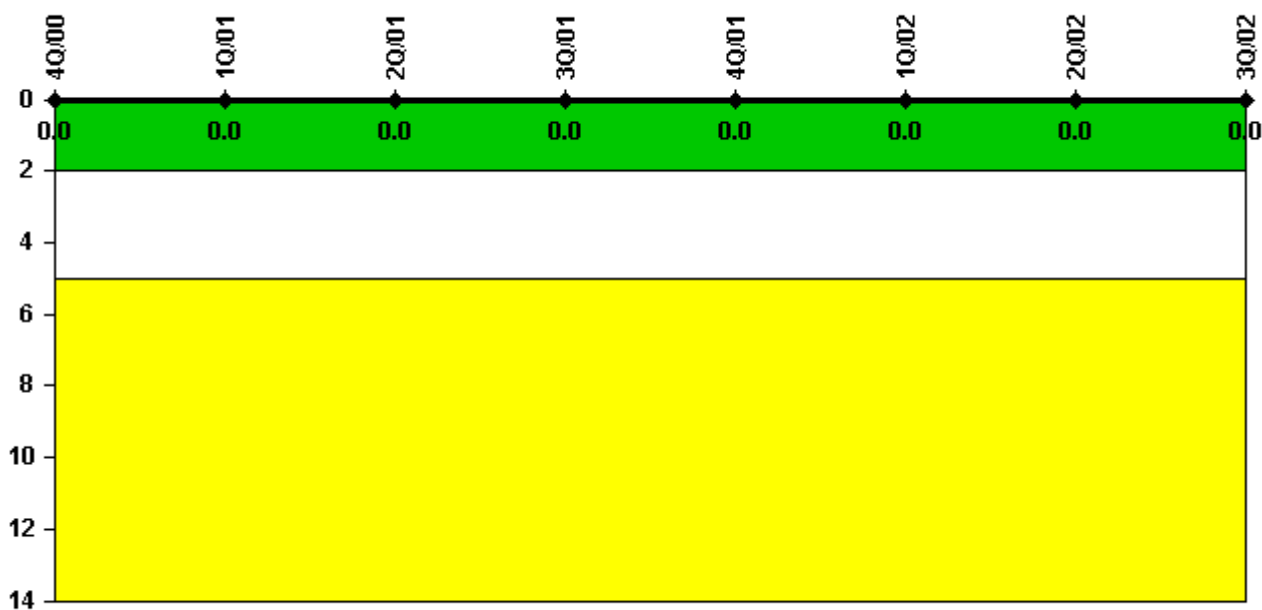
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Successful siren-tests	559	645	559	594	682	642	564	708
Total sirens-tests	567	648	567	607	689	648	567	729
Indicator value	98.7%	98.7%	98.9%	98.7%	98.8%	98.6%	98.8%	98.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness



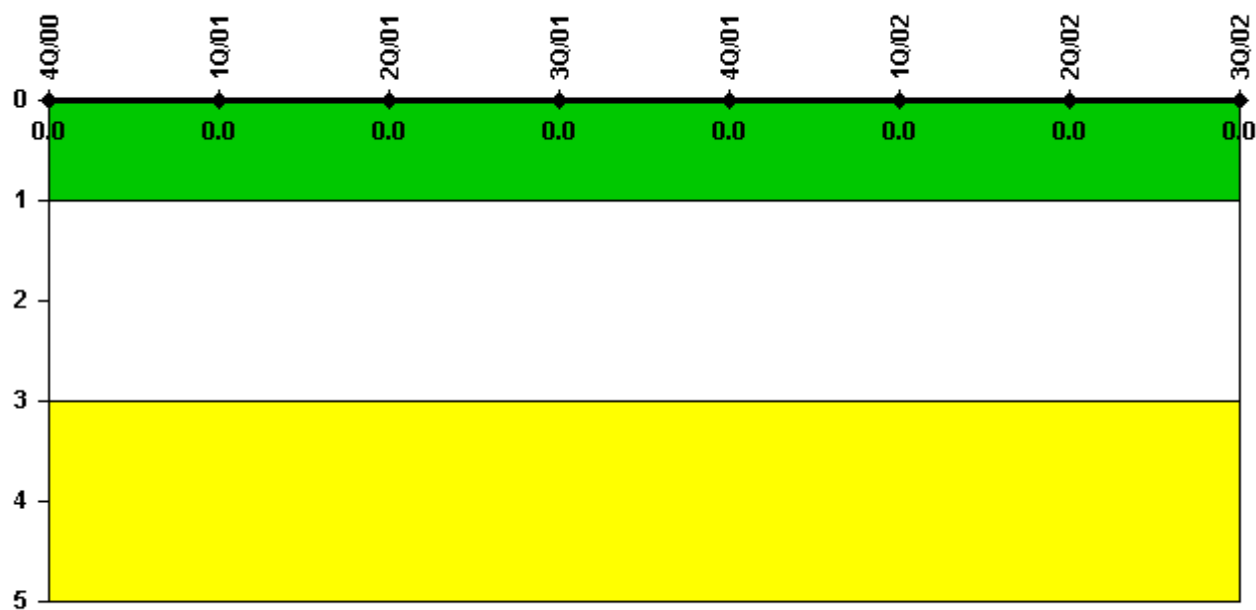
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

RETS/ODCM Radiological Effluent



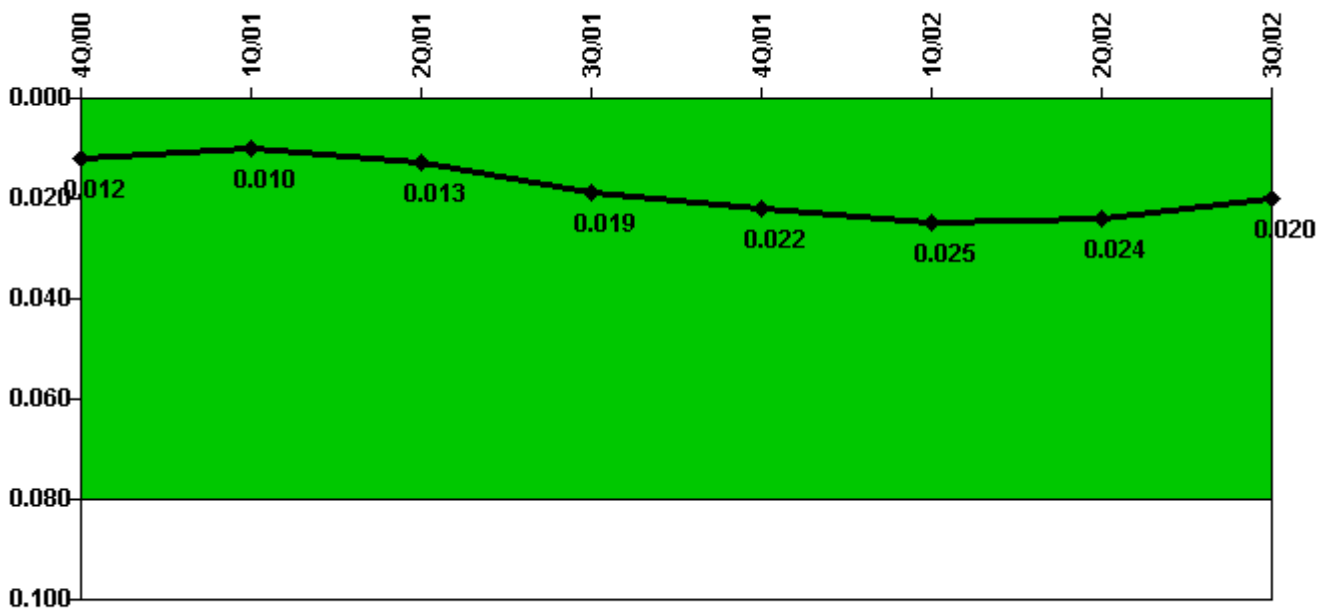
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/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



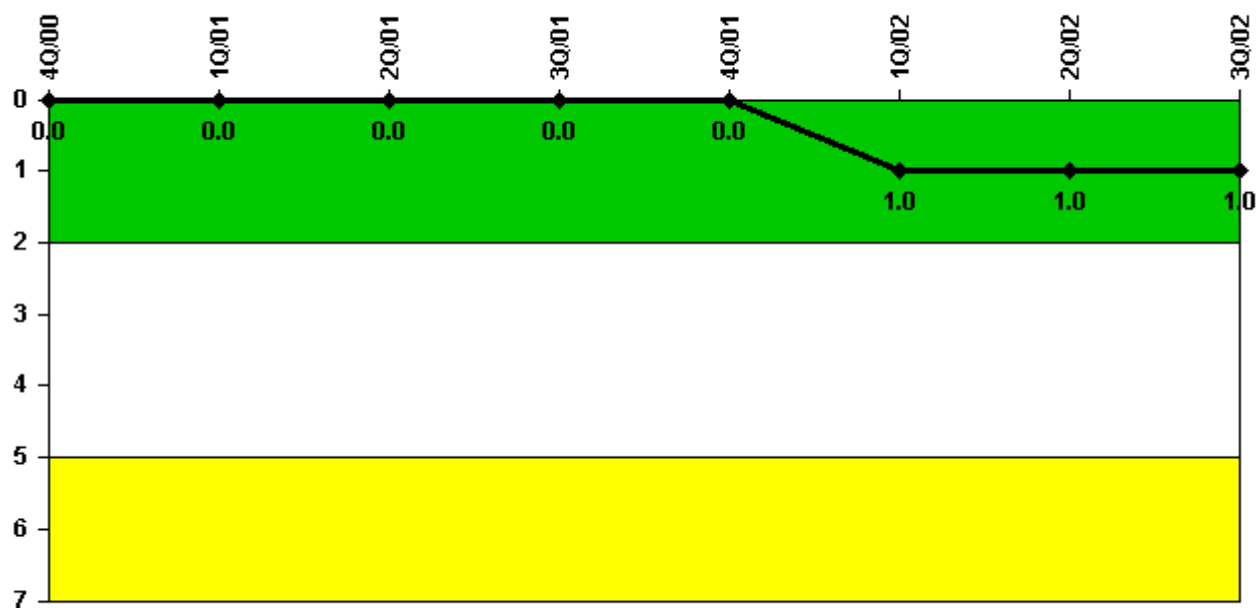
Thresholds: White > 0.080

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	108.40	53.08	256.70	332.20	250.40	353.08	184.08	229.30
CCTV compensatory hours	0	61.4	0.5	36.4	0	0	3.1	0
IDS normalization factor	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85
CCTV normalization factor	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
Index Value	0.012	0.010	0.013	0.019	0.022	0.025	0.024	0.020

Licensee Comments: none

Personnel Screening Program



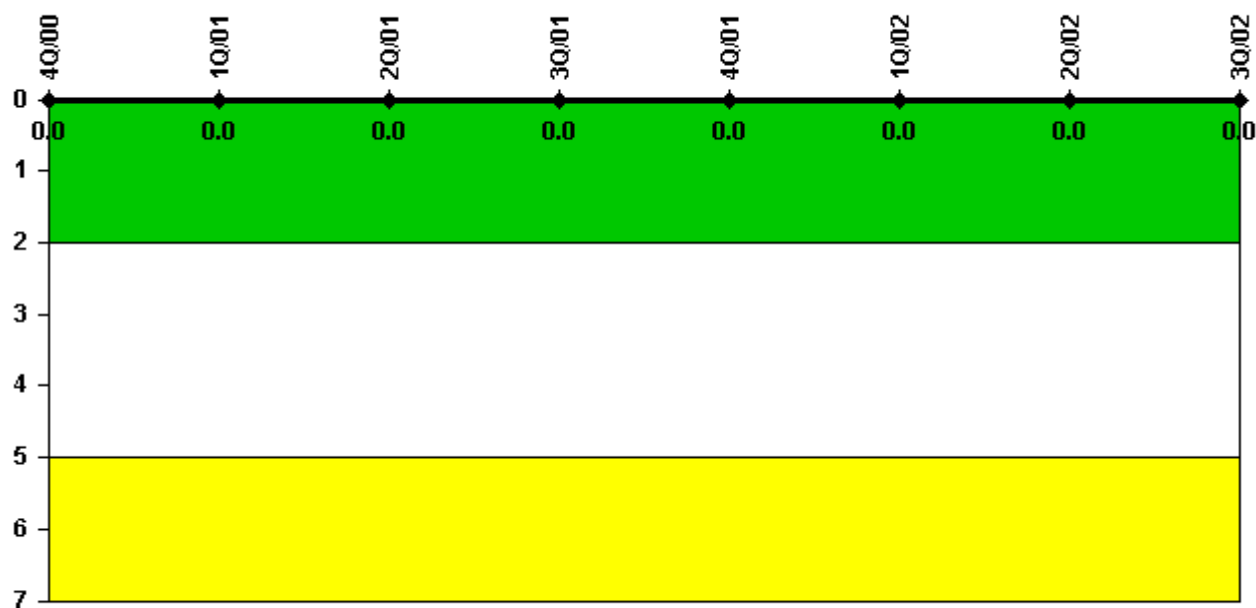
Thresholds: White > 2.0 Yellow > 5.0

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	1	0	0
Indicator value	0	0	0	0	0	1	1	1

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](#)

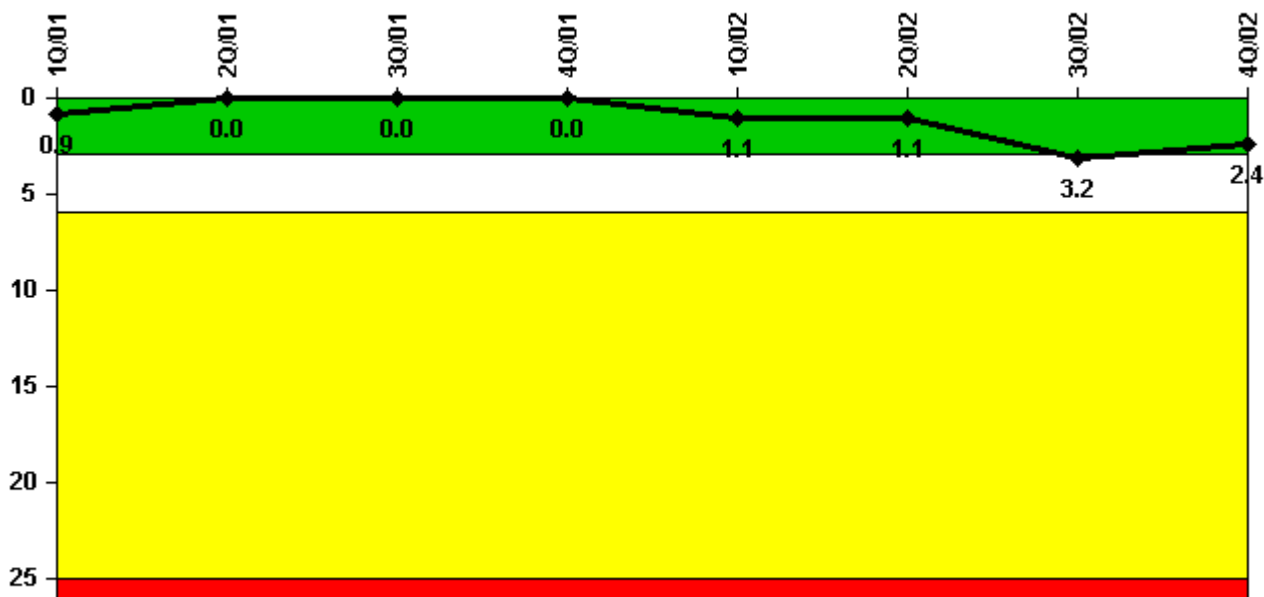
Last Modified: October 22, 2002

Harris 1

4Q/2002 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

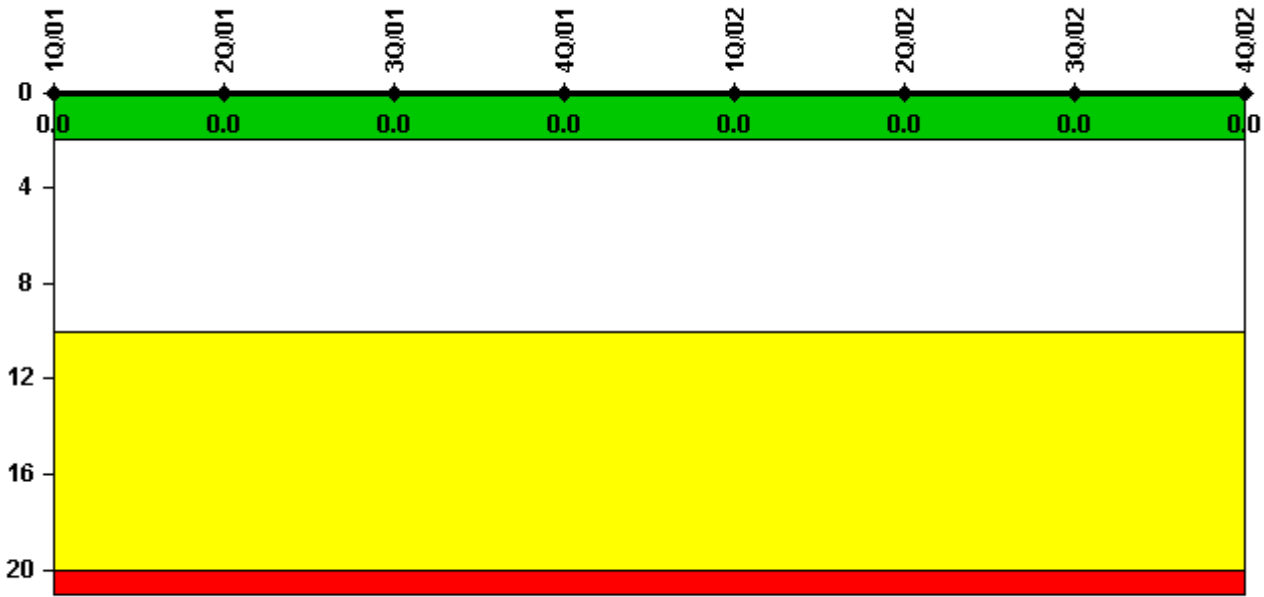
Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Unplanned scrams	0	0	0	0	1.0	0	2.0	0
Critical hours	2160.0	2183.0	1992.2	7.5	2142.3	2184.0	2173.9	2209.0
Indicator value	0.9	0	0	0	1.1	1.1	3.2	2.4

Licensee Comments:

4Q/02: October period has 745 hours due to Daylight Savings time change.

Scrams with Loss of Normal Heat Removal



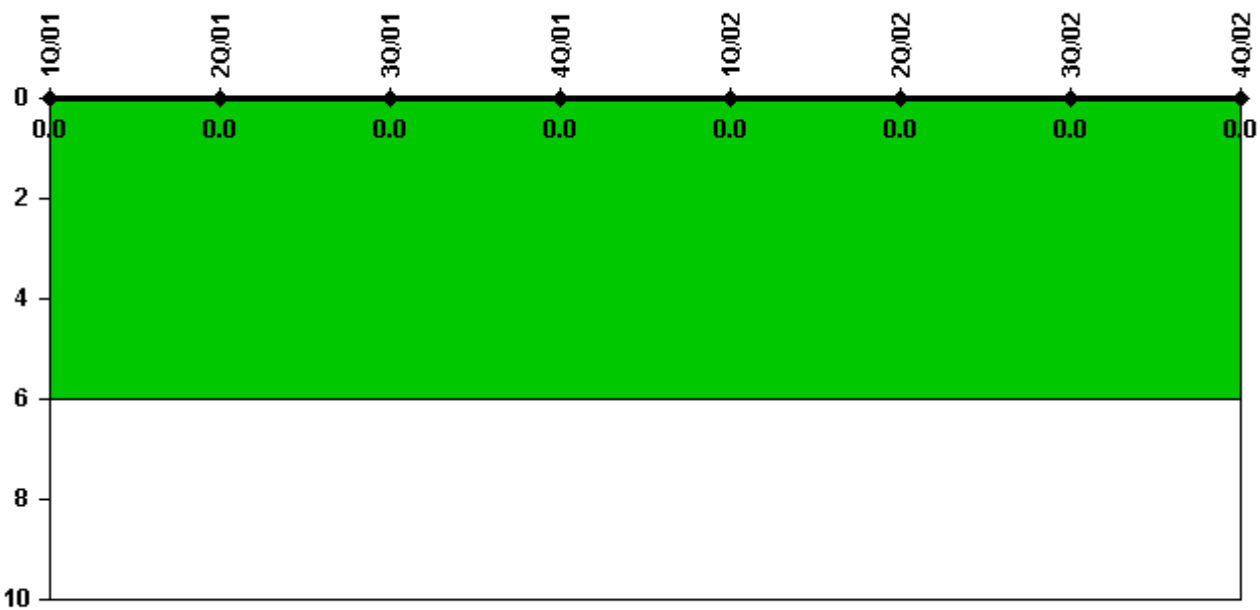
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

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



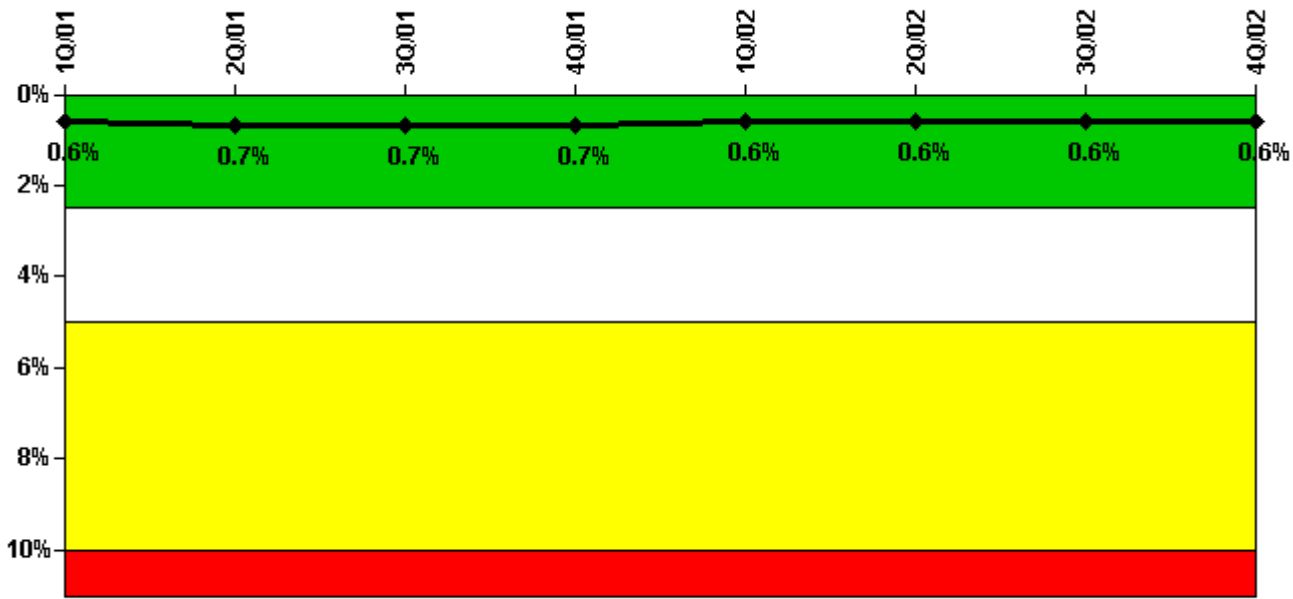
Thresholds: White > 6.0

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	0	0	0	0	0	0	0	0
Critical hours	2160.0	2183.0	1992.2	7.5	2142.3	2184.0	2173.9	2209.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



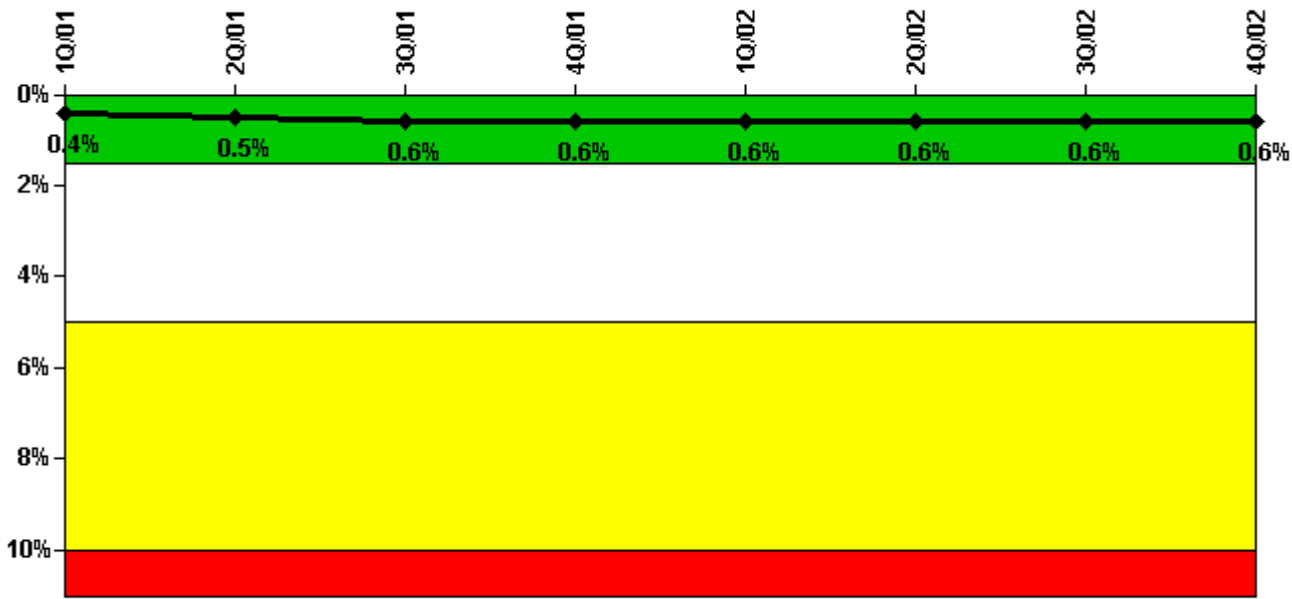
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Train 1								
Planned unavailable hours	15.84	3.49	21.09	1.22	16.98	4.01	10.47	2.67
Unplanned unavailable hours	6.50	0.20	0	0	0	0	0	3.20
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2005.50	837.57	2160.00	2184.00	2208.00	2209.00
Train 2								
Planned unavailable hours	35.63	12.93	1.78	0	14.29	12.35	2.67	25.78
Unplanned unavailable hours	1.47	9.26	0	0	0	11.95	0	0
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	727.97	2160.00	2184.00	2208.00	2209.00
Indicator value	0.6%	0.7%	0.7%	0.7%	0.6%	0.6%	0.6%	0.6%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



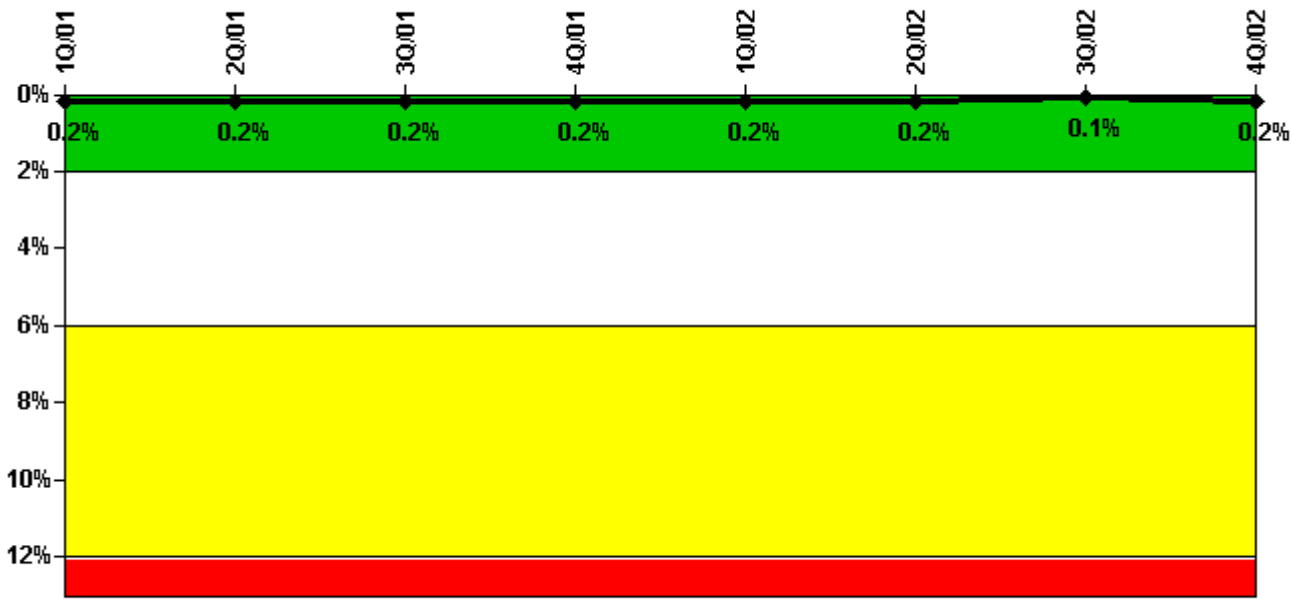
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Train 1								
Planned unavailable hours	10.45	25.40	36.36	0	24.41	9.27	18.05	12.34
Unplanned unavailable hours	0	0	0	0	10.45	0.55	0	6.37
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	2005.50	108.28	2160.00	2184.00	2208.00	2209.00
Train 2								
Planned unavailable hours	9.65	30.65	8.52	0	10.51	22.57	16.13	3.00
Unplanned unavailable hours	0	8.95	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	97.05	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2005.50	108.28	2160.00	2184.00	2208.00	2209.00
Indicator value	0.4%	0.5%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



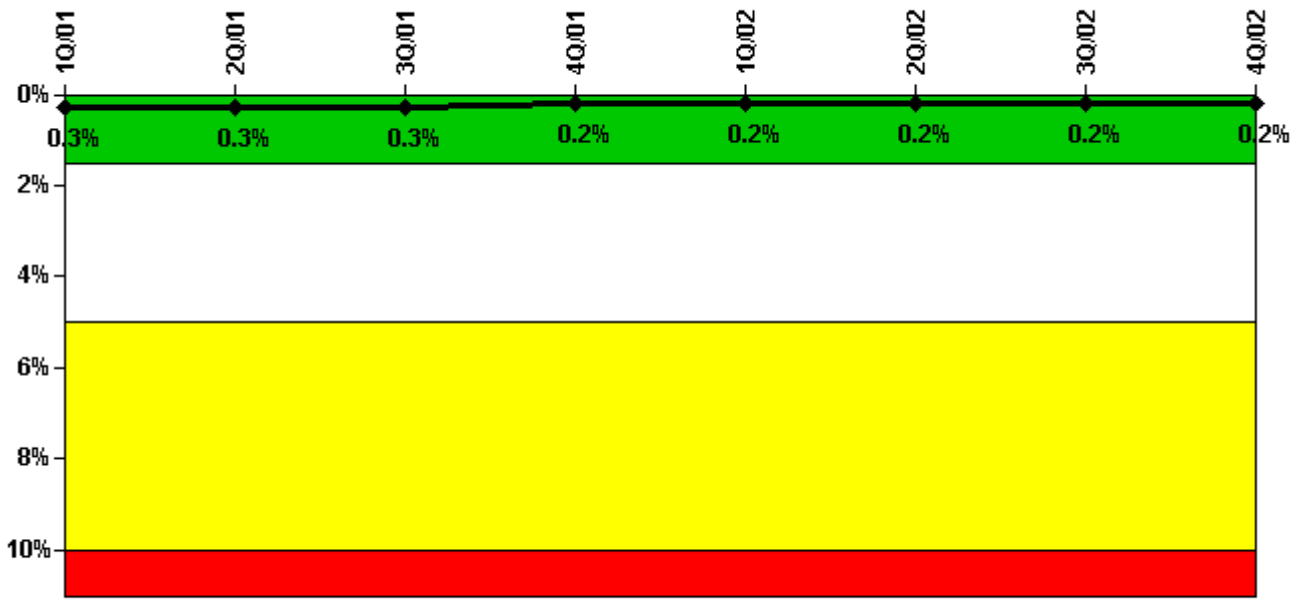
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Train 1								
Planned unavailable hours	0	1.17	0	0	0	0	0.73	0
Unplanned unavailable hours	0	4.27	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	1996.72	68.72	2160.00	2184.00	2208.00	2209.00
Train 2								
Planned unavailable hours	0	0	3.38	0	0	6.00	0	0
Unplanned unavailable hours	0	1.38	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	2160.00	2183.00	1996.72	68.72	2160.00	2184.00	2208.00	2209.00
Train 3								
Planned unavailable hours	0	6.83	8.47	0	11.67	0	0	9.00
Unplanned unavailable hours	0	0	0	0	0	1.20	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	1996.72	68.72	2160.00	2184.00	2208.00	2209.00
Indicator value	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.1%	0.2%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



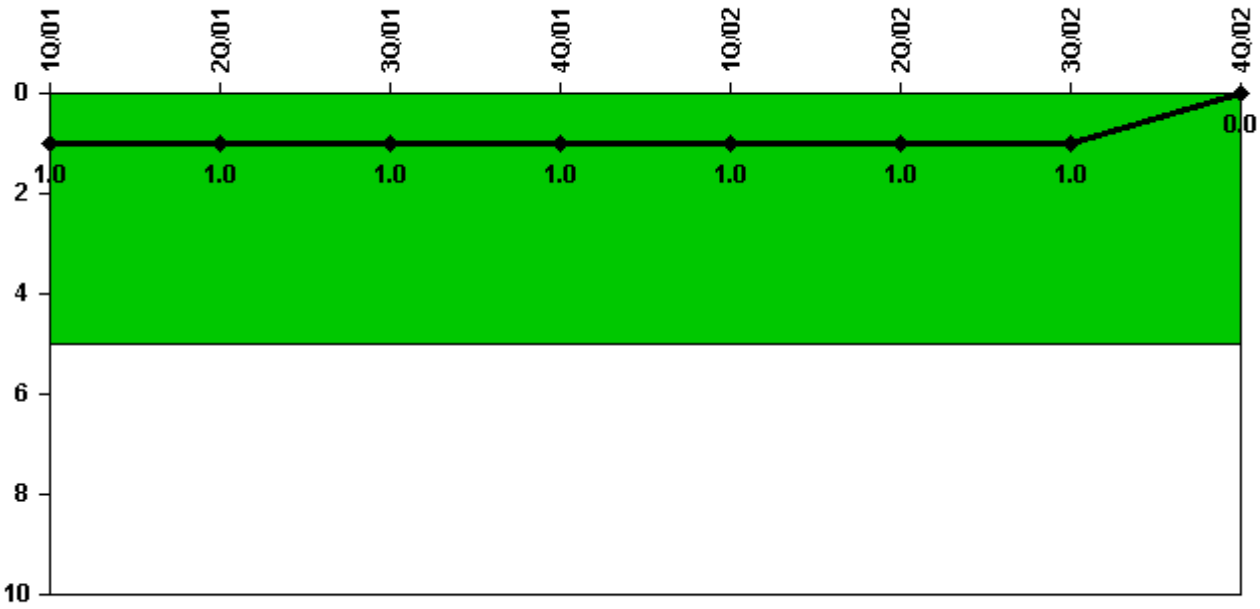
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

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	5.20	0	8.70	0	4.20	2.72	0	7.03
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	726.75	2160.00	2184.00	2208.00	2209.00
Train 2								
Planned unavailable hours	0	1.20	8.30	0	4.40	5.22	0	1.82
Unplanned unavailable hours	0	0	3.70	0	0	0	0	0
Fault exposure hours	0	0	7.70	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	726.75	2160.00	2184.00	2208.00	2209.00
Indicator value	0.3%	0.3%	0.3%	0.2%	0.2%	0.2%	0.2%	0.2%

Licensee Comments: none

Safety System Functional Failures (PWR)



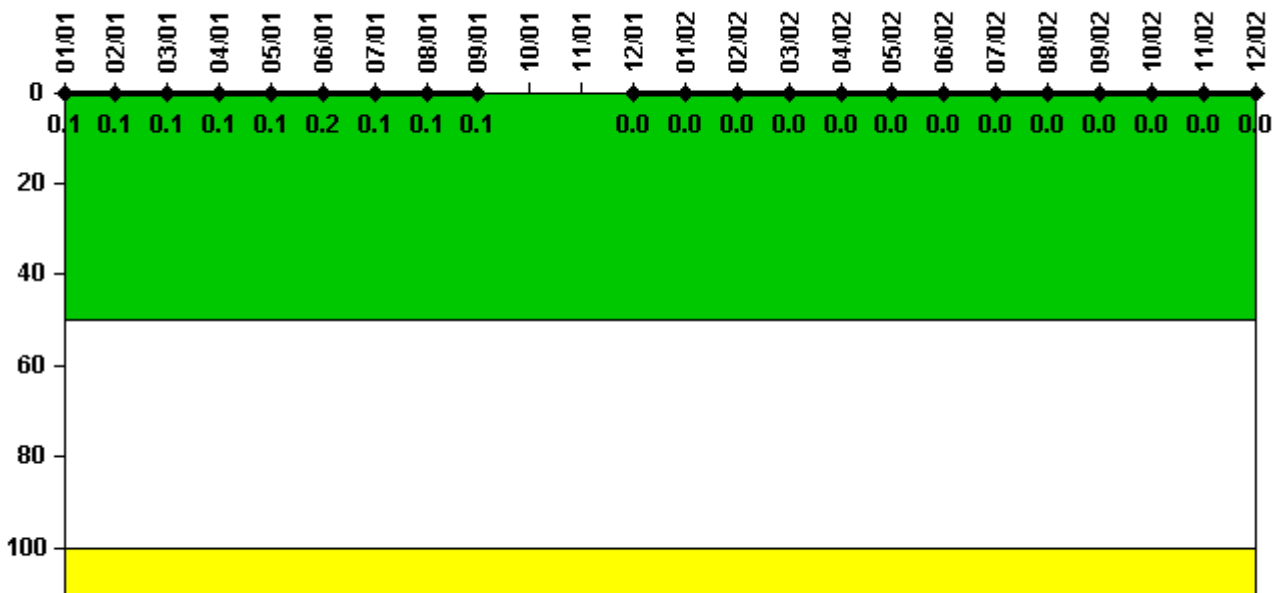
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

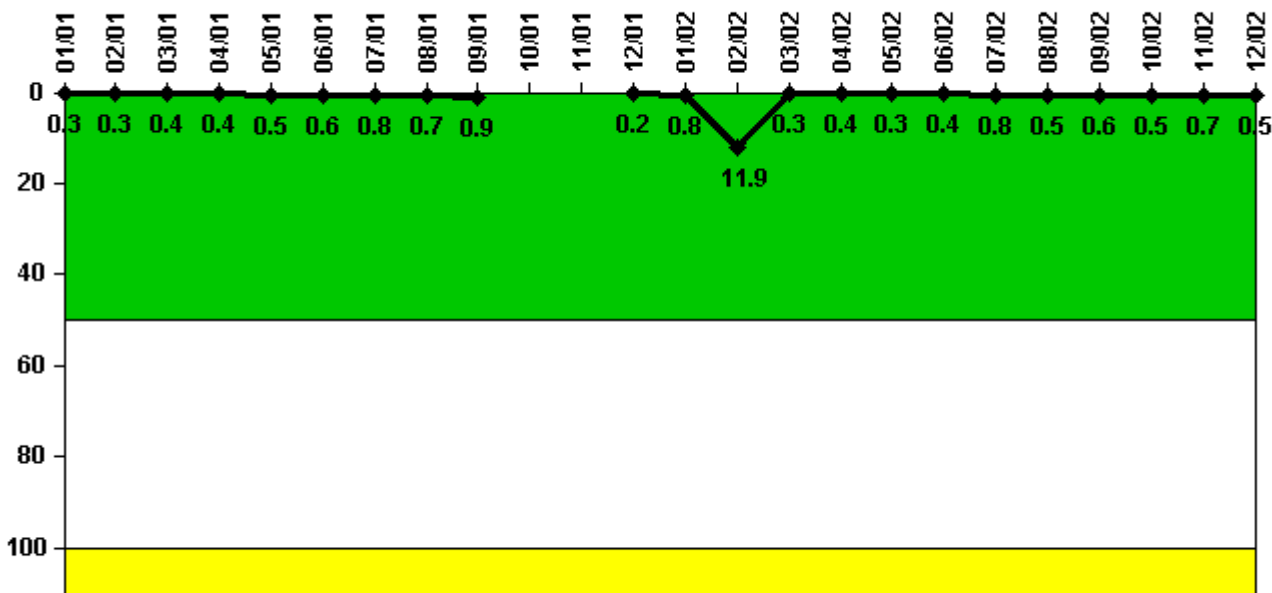
Notes

Reactor Coolant System Activity	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01
Maximum activity	0.000779	0.000791	0.000820	0.000837	0.000939	0.002140	0.001430	0.001323	0.001280	N/A	N/A	0
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	N/A	N/A	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	0.000126	0.000197	0.000185	0.000241	0.000157	0.000212	0.000160	0.000165	0.000355	0.000189	0.000181	0.000187
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

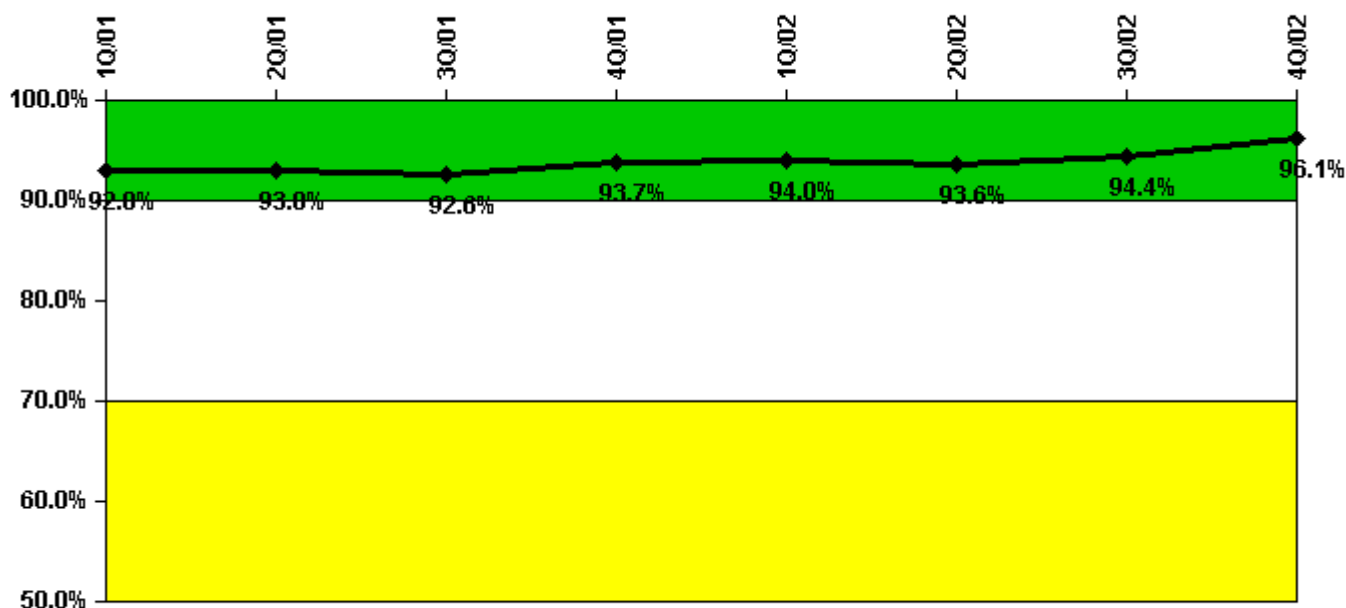
Notes

Reactor Coolant System Leakage	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01
Maximum leakage	0.030	0.030	0.040	0.040	0.050	0.060	0.080	0.070	0.090	N/A	N/A	0.020
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.3	0.4	0.4	0.5	0.6	0.8	0.7	0.9	N/A	N/A	0.2

Reactor Coolant System Leakage	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02
Maximum leakage	0.080	1.190	0.030	0.040	0.030	0.040	0.080	0.050	0.060	0.050	0.070	0.050
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.8	11.9	0.3	0.4	0.3	0.4	0.8	0.5	0.6	0.5	0.7	0.5

Licensee Comments: none

Drill/Exercise Performance



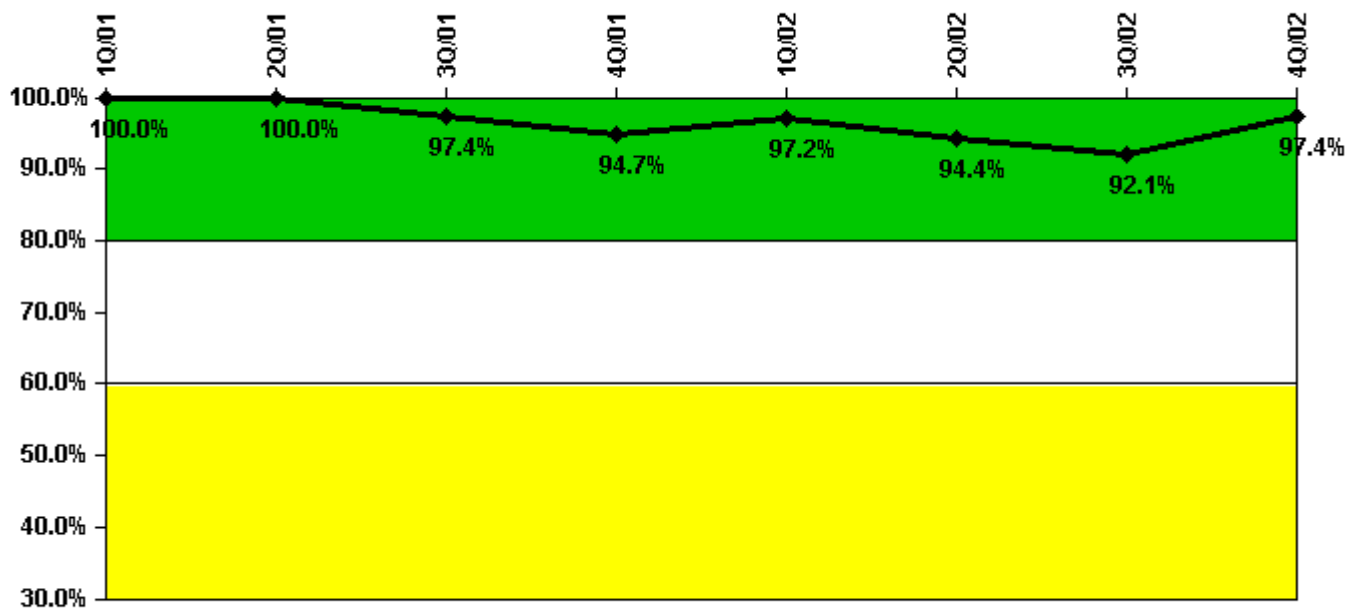
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Successful opportunities	34.0	26.0	4.0	2.0	52.0	10.0	18.0	26.0
Total opportunities	34.0	26.0	4.0	2.0	57.0	10.0	18.0	28.0
Indicator value	92.8%	93.0%	92.6%	93.7%	94.0%	93.6%	94.4%	96.1%

Licensee Comments: none

ERO Drill Participation



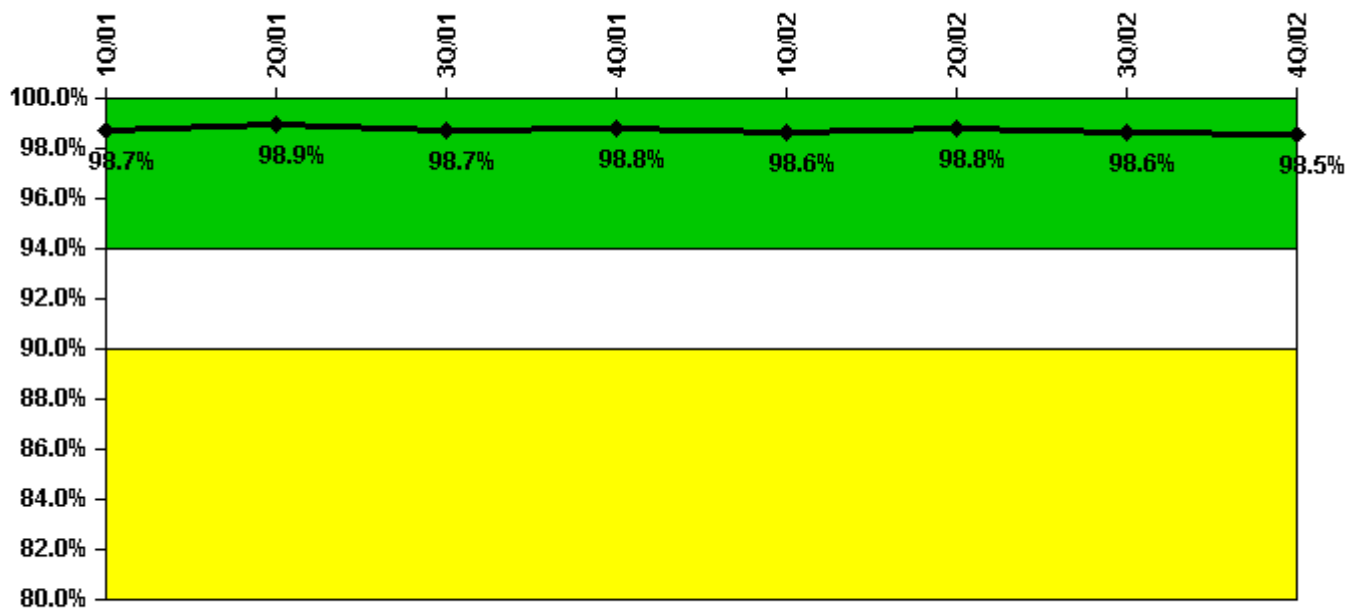
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Participating Key personnel	37.0	37.0	37.0	36.0	35.0	34.0	35.0	38.0
Total Key personnel	37.0	37.0	38.0	38.0	36.0	36.0	38.0	39.0
Indicator value	100.0%	100.0%	97.4%	94.7%	97.2%	94.4%	92.1%	97.4%

Licensee Comments: none

Alert & Notification System



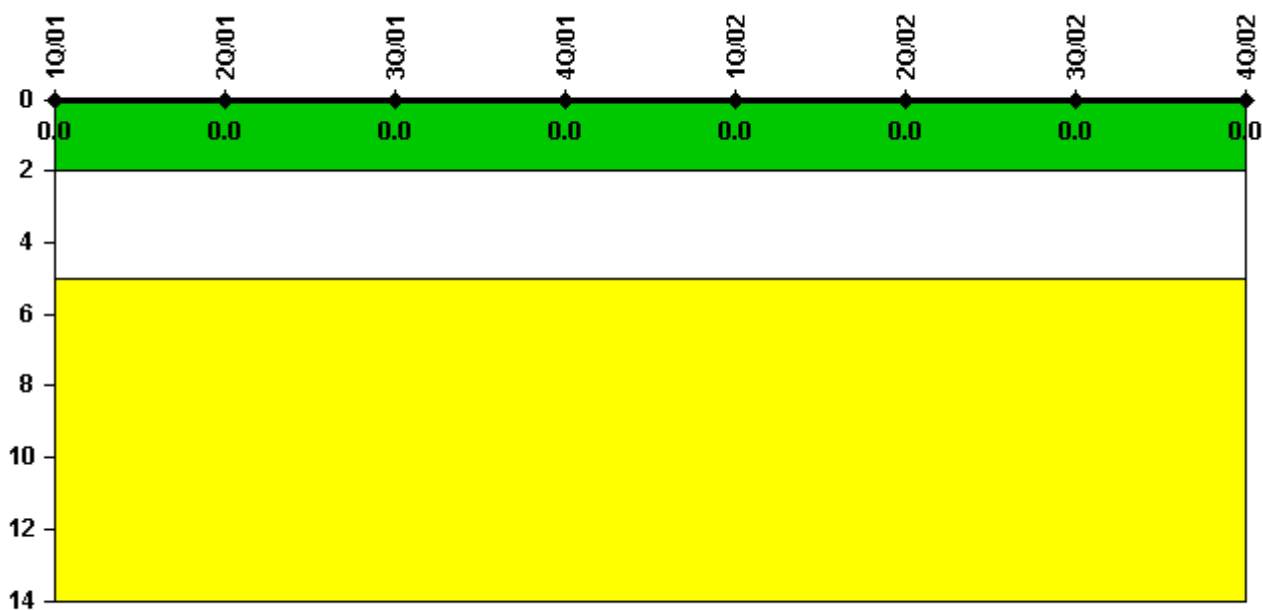
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Successful siren-tests	645	559	594	682	642	564	708	640
Total sirens-tests	648	567	607	689	648	567	729	648
Indicator value	98.7%	98.9%	98.7%	98.8%	98.6%	98.8%	98.6%	98.5%

Licensee Comments: none

Occupational Exposure Control Effectiveness



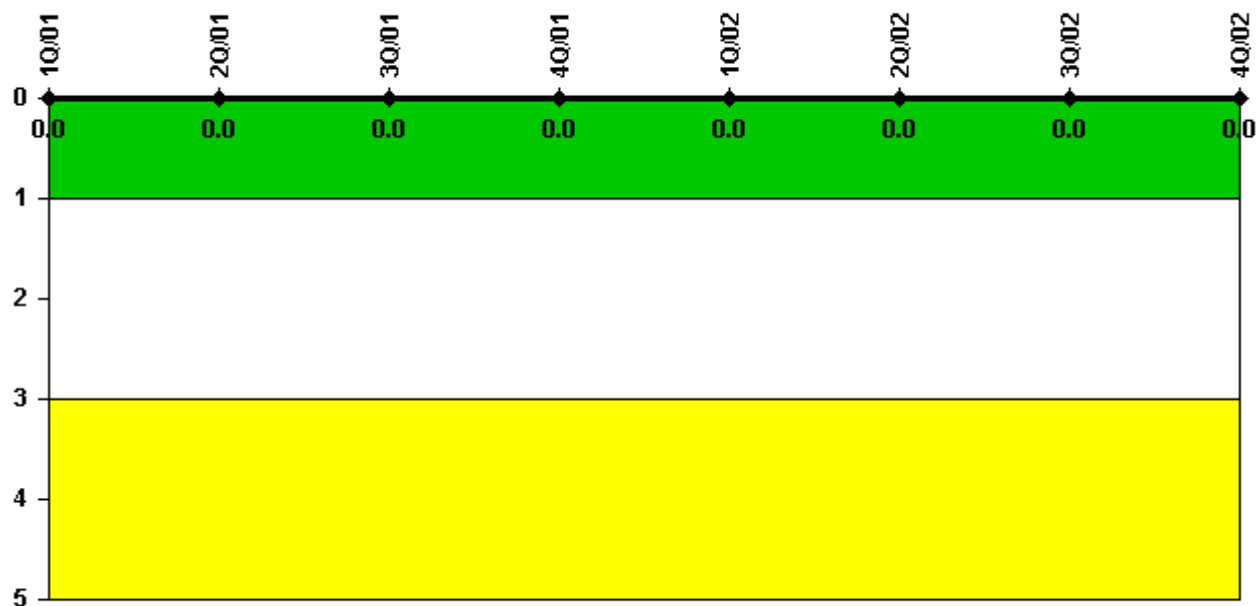
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
High radiation area occurrences	0	0	0	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



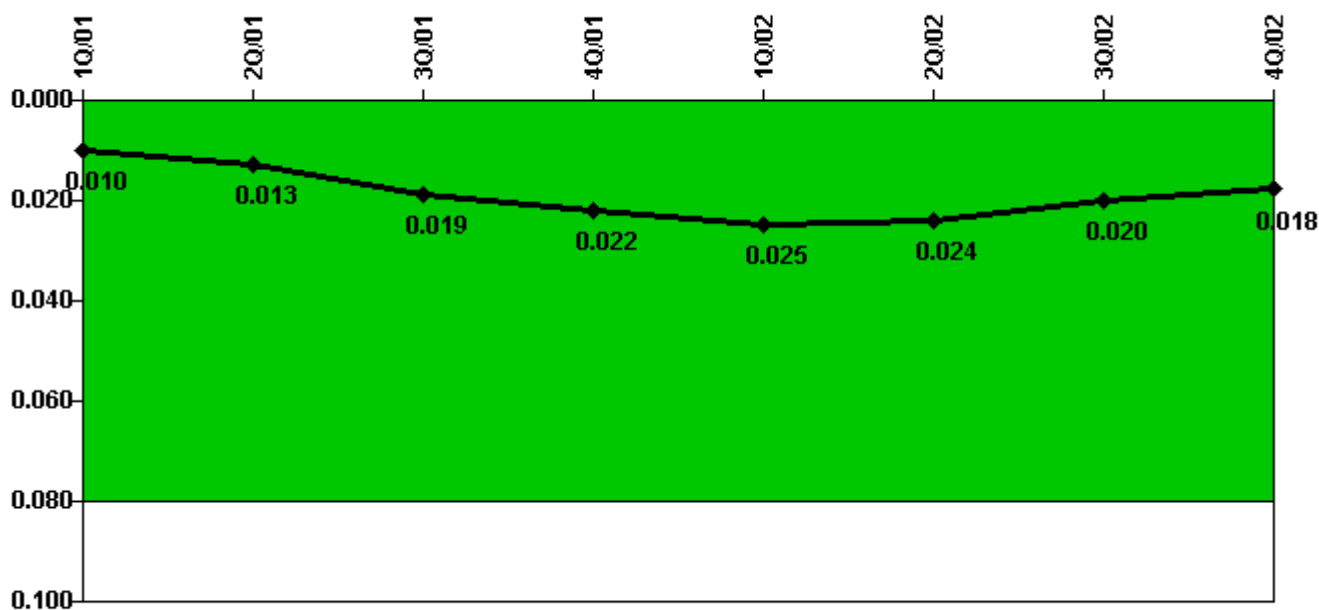
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/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



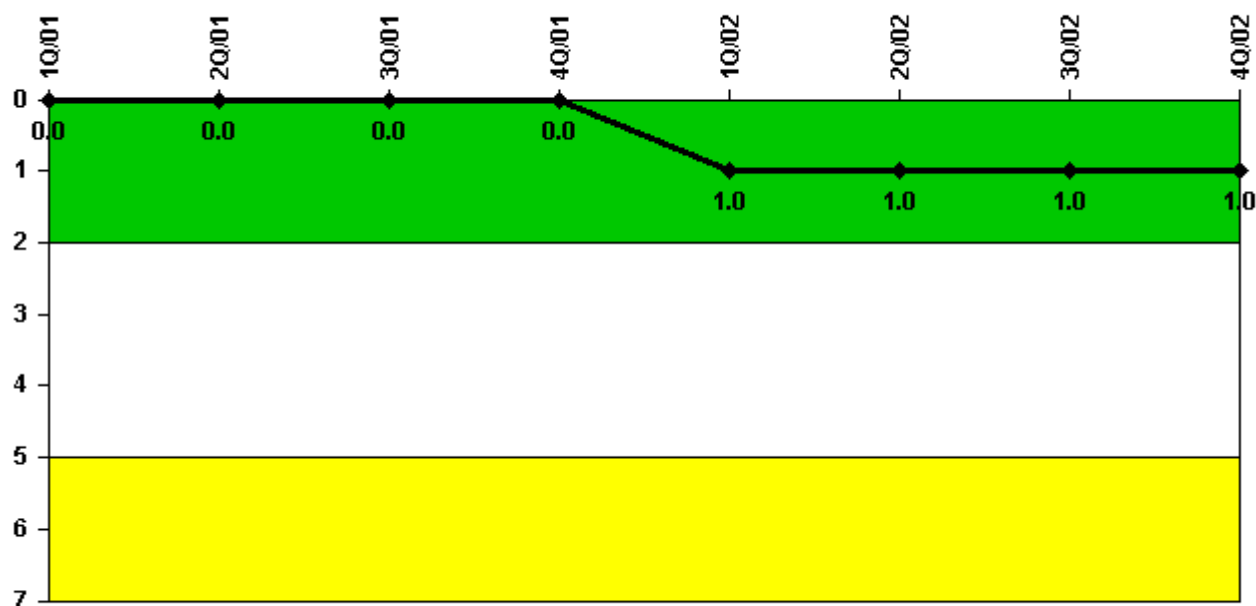
Thresholds: White > 0.080

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	53.08	256.70	332.20	250.40	353.08	184.08	229.30	133.90
CCTV compensatory hours	61.4	0.5	36.4	0	0	3.1	0	5.3
IDS normalization factor	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85
CCTV normalization factor	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
Index Value	0.010	0.013	0.019	0.022	0.025	0.024	0.020	0.018

Licensee Comments: none

Personnel Screening Program



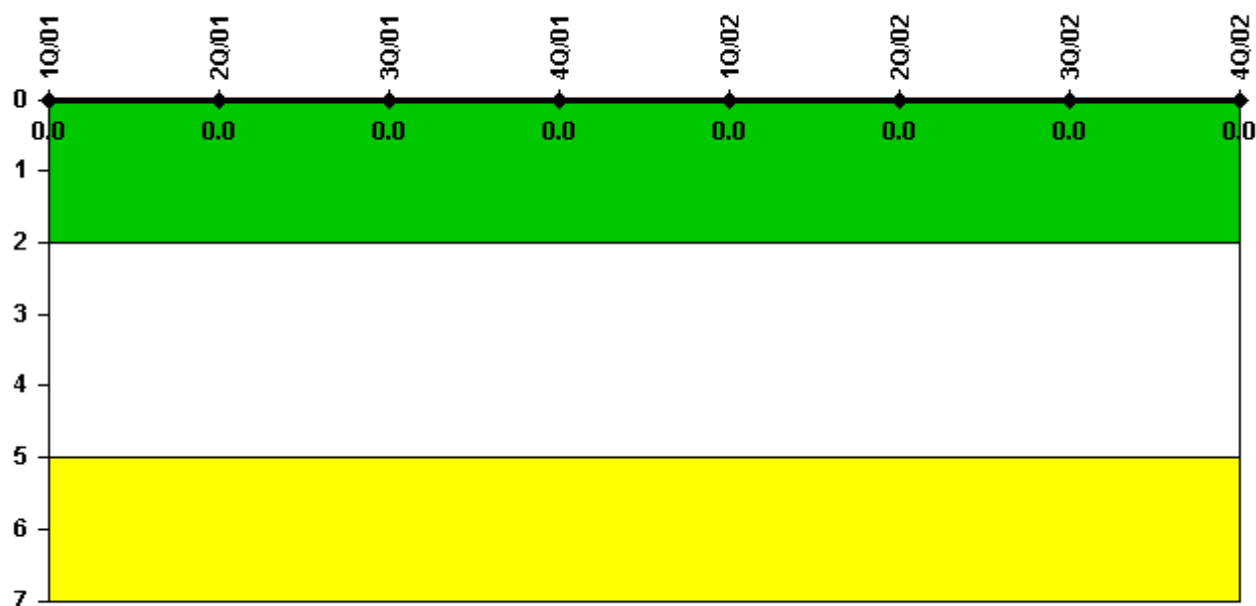
Thresholds: White > 2.0 Yellow > 5.0

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	1	0	0	0
Indicator value	0	0	0	0	1	1	1	1

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](#)

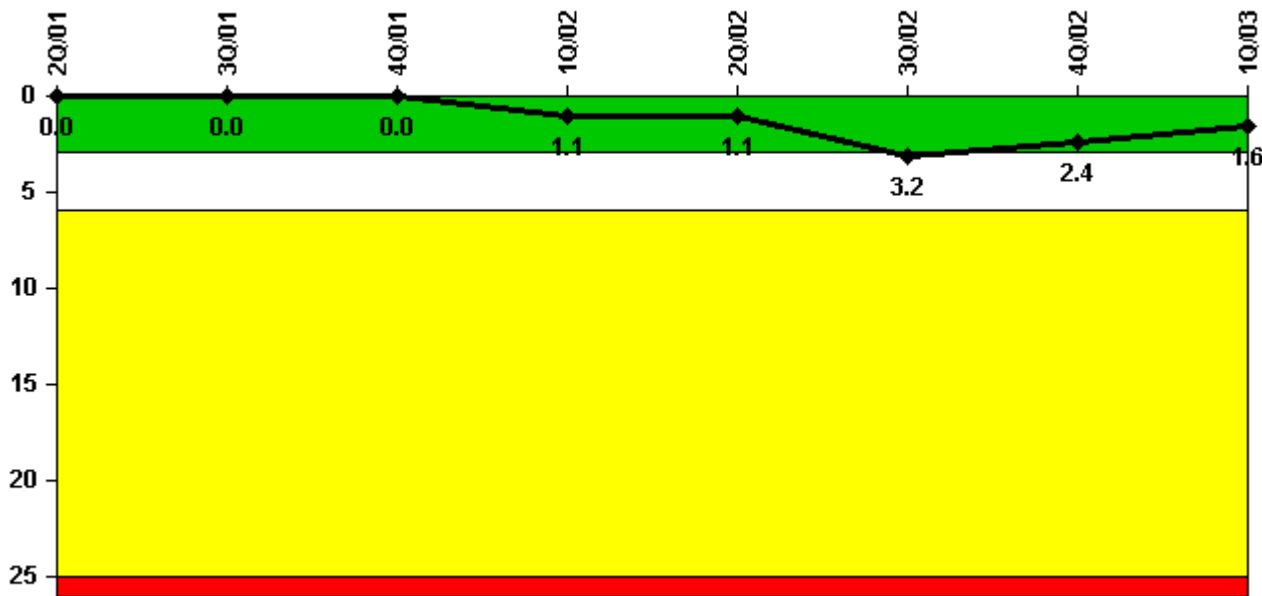
Last Modified: January 30, 2003

Harris 1

1Q/2003 Performance Indicators

Licensee's General Comments: Includes changes to Q1/2002, Q2/2002, Q3/2002, Q4/2002 and Q1/2003 data. None of these changes affect the color of the performance indicator.

Unplanned Scrams per 7000 Critical Hrs



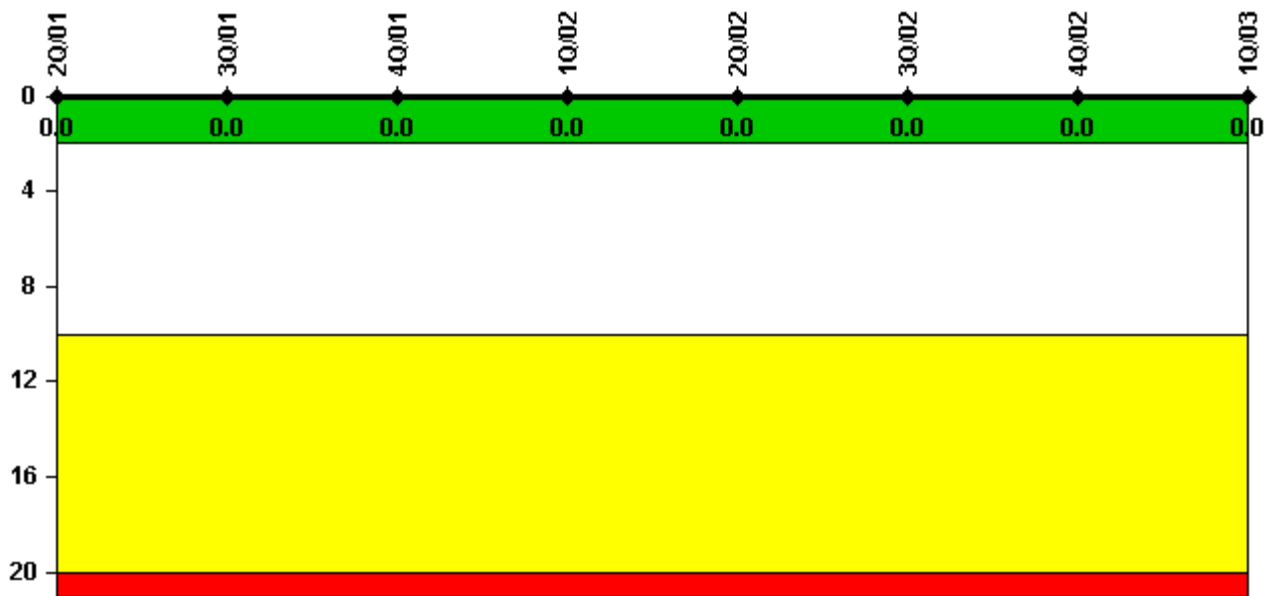
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Unplanned scrams	0	0	0	1.0	0	2.0	0	0
Critical hours	2183.0	1992.2	7.5	2142.3	2184.0	2173.9	2209.0	2160.0
Indicator value	0	0	0	1.1	1.1	3.2	2.4	1.6

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



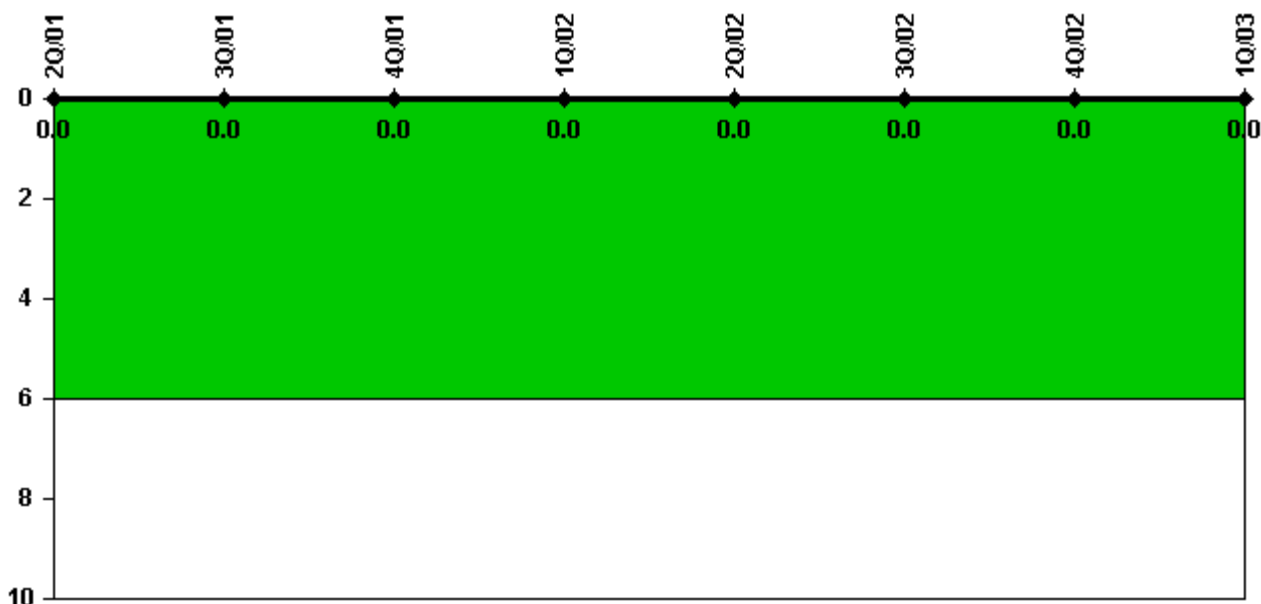
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



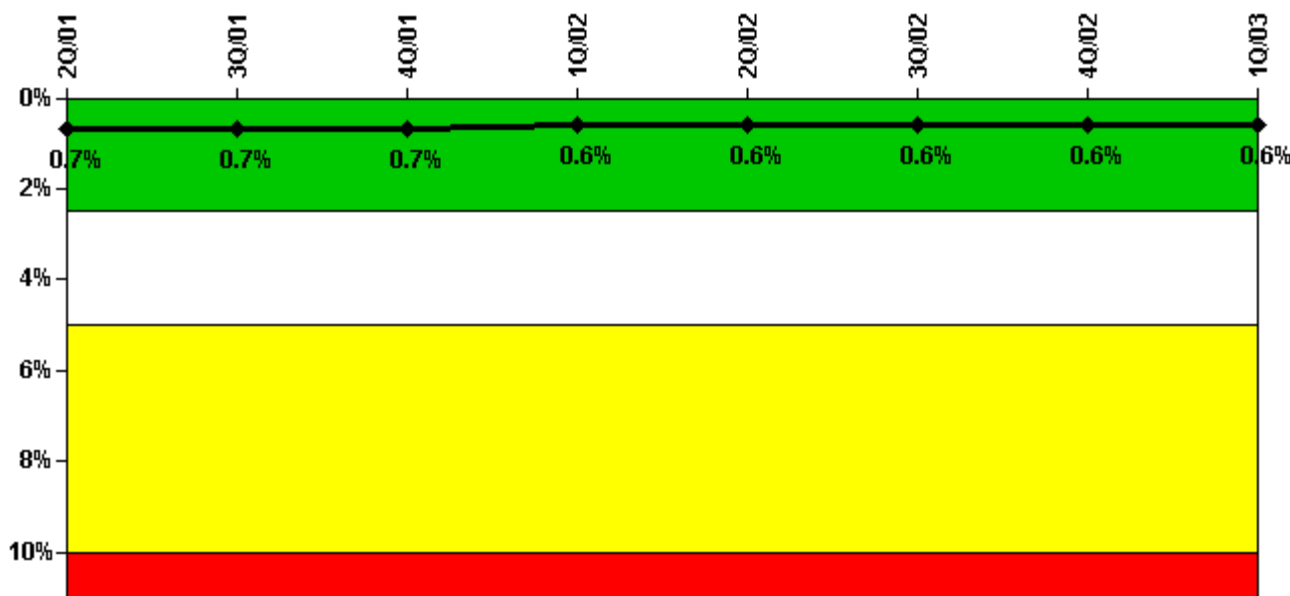
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2183.0	1992.2	7.5	2142.3	2184.0	2173.9	2209.0	2160.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



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

Notes

Safety System Unavailability, Emergency AC Power	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Train 1								
Planned unavailable hours	3.49	21.09	1.22	16.98	4.48	10.47	11.20	1.97
Unplanned unavailable hours	0.20	0	0	0	0	0	3.20	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	2183.00	2005.50	837.57	2160.00	2184.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	12.93	1.78	0	14.29	12.35	1.43	17.25	24.03
Unplanned unavailable hours	9.26	0	0	0	11.95	0	0	0
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	727.97	2160.00	2184.00	2208.00	2209.00	2160.00
Indicator value	0.7%	0.7%	0.7%	0.6%	0.6%	0.6%	0.6%	0.6%

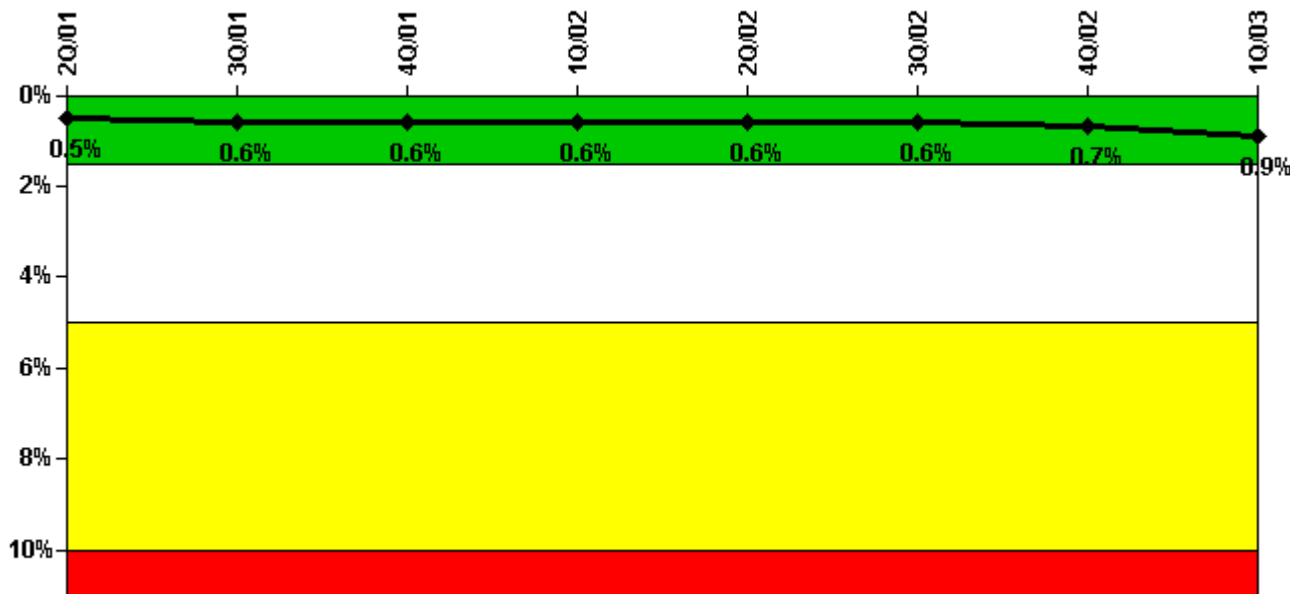
Licensee Comments:

4Q/02: Train 1 and 2 planned unavailable hours were transposed for the month of December 2002 and have been corrected. These changes do not affect PI color.

3Q/02: Corrected planned unavailable hours for Train 2 for 9/2002. Support system maintenance on 9/4/2002 did not result in unavailable time as originally submitted. This change does not affect PI color.

2Q/02: Added .47 hours to Train 1 Planned unavailability for 5/2002. This change does not affect PI color.

Safety System Unavailability, High Pressure Injection System (HPSI)



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

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Train 1								
Planned unavailable hours	25.40	36.36	0	29.17	16.07	18.05	15.22	71.33
Unplanned unavailable hours	0	0	0	10.45	0.55	0	18.73	0
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	2005.50	108.28	2160.00	2184.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	30.65	8.52	0	10.90	22.90	16.13	6.68	37.72
Unplanned unavailable hours	8.95	0	0	0	0	0	0	7.65
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2005.50	108.28	2160.00	2184.00	2208.00	2209.00	2160.00
Indicator value	0.5%	0.6%	0.6%	0.6%	0.6%	0.6%	0.7%	0.9%

Licensee Comments:

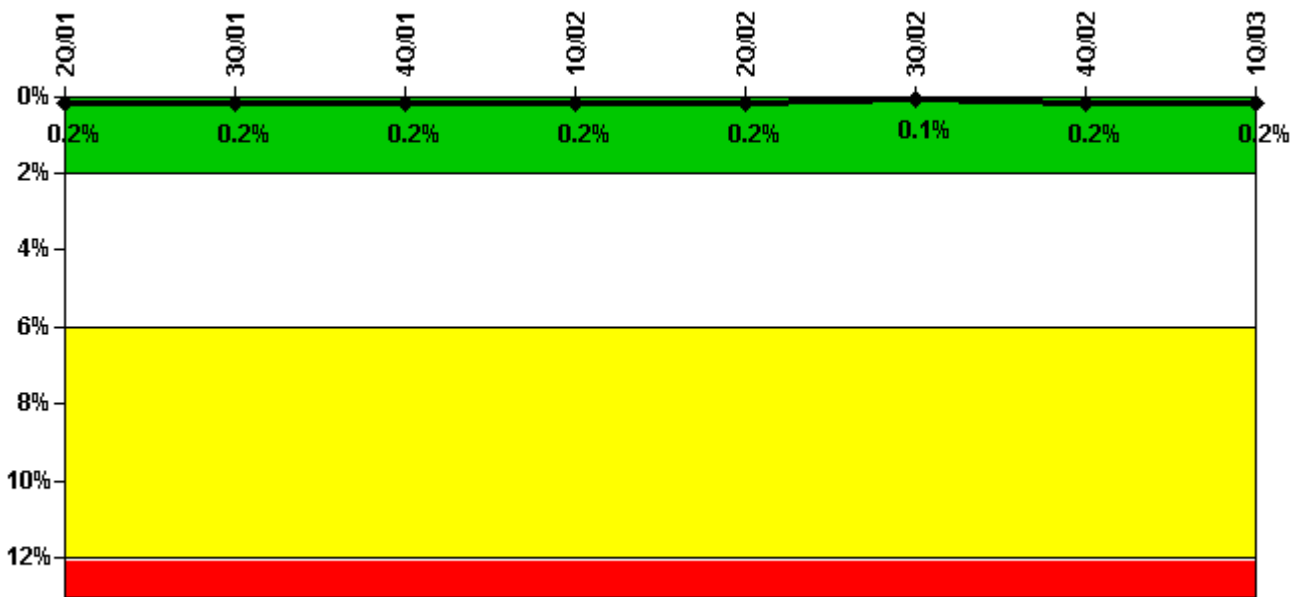
4Q/02: Corrected Train 1 planned and unplanned unavailability for 11/2002. Also corrected Train 1 unplanned

unavailability and Train 2 Planned unavailability for 12/2002. These changes do not affect PI color.

2Q/02: Corrected 5/2002 (Train 1) and (Train 2) 6/2002 planned unavailability. These changes do not affect PI color.

1Q/02: Corrected (Train 1) 1/2002 and (Train 1 and 2) 2/2002 planned unavailable hours. This change does not affect PI color.

Safety System Unavailability, Heat Removal System (AFW)



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

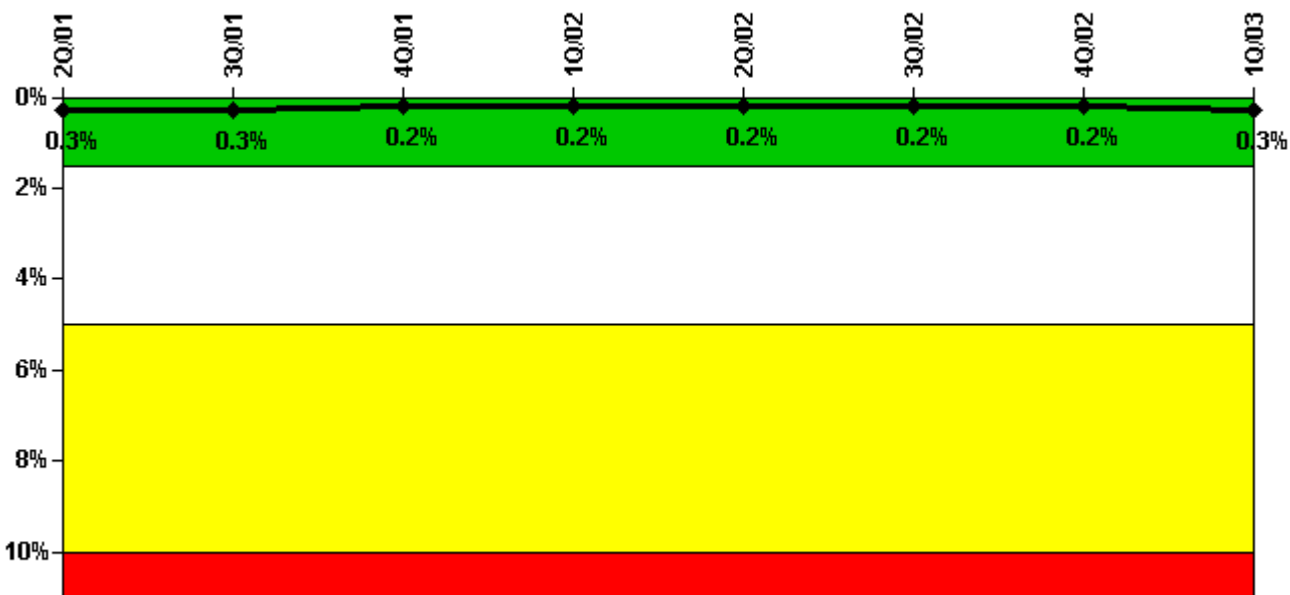
Notes

Safety System Unavailability, Heat Removal System (AFW)	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Train 1								
Planned unavailable hours	1.17	0	0	0	0	0.73	0	0
Unplanned unavailable hours	4.27	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	1996.72	68.72	2160.00	2184.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	0	3.38	0	0	6.00	0	0	1.50
Unplanned unavailable hours	1.38	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	1996.72	68.72	2160.00	2184.00	2208.00	2209.00	2160.00
Train 3								
Planned unavailable hours	6.83	8.47	0	11.67	0	0	9.00	21.17
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	2183.00	1996.72	68.72	2160.00	2184.00	2208.00	2209.00	2160.00
Indicator value	0.2%	0.2%	0.2%	0.2%	0.2%	0.1%	0.2%	0.2%

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	0	8.70	0	19.28	3.99	3.40	8.58	3.82
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	726.75	2160.00	2184.00	2208.00	2209.00	2160.00
Train 2								

Planned unavailable hours	1.20	8.30	0	4.40	14.97	0	1.82	28.20
Unplanned unavailable hours	0	3.70	0	0	0	0	0	0
Fault exposure hours	0	7.70	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	726.75	2160.00	2184.00	2208.00	2209.00	2160.00
Indicator value	0.3%	0.3%	0.2%	0.2%	0.2%	0.2%	0.2%	0.3%

Licensee Comments:

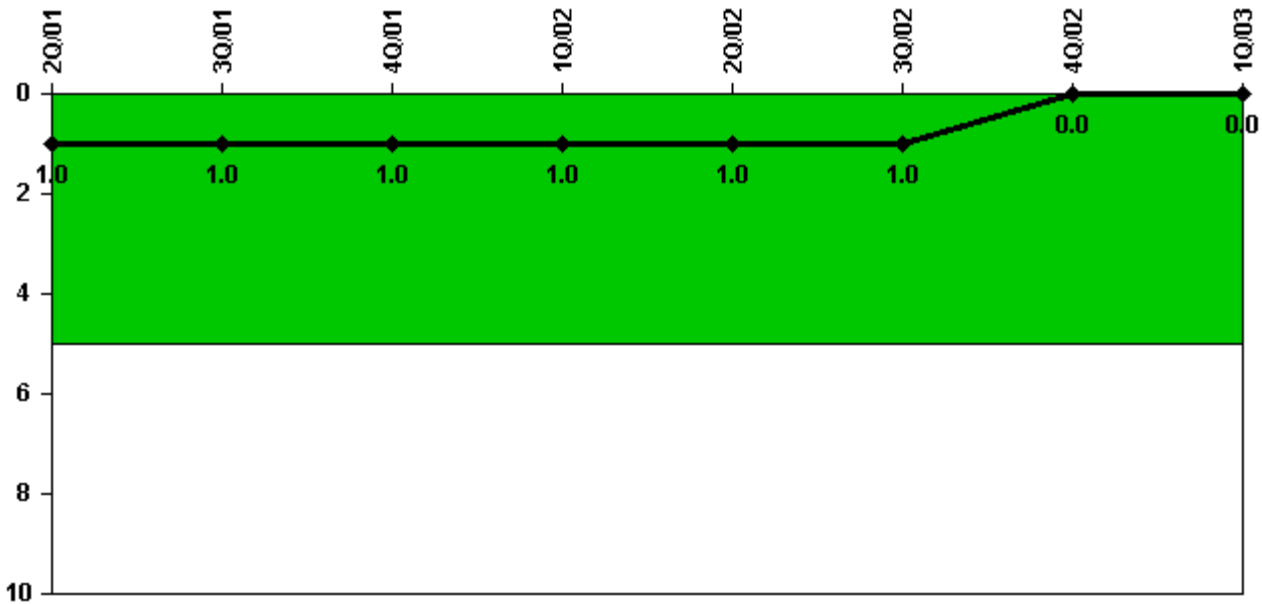
4Q/02: Corrected 11/2002 Train 1 planned unavailable hours. This change does not affect PI color.

3Q/02: Corrected Train 1 7/2002 planned unavailable hours. This change does not affect PI color.

2Q/02: Corrected 5/2002 Train 1 planned unavailable hours and 6/2002 Train 2 planned unavailable hours. These changes do not affect PI color.

1Q/02: Corrected 2/2002 Train 1 planned unavailability. This change does not affect PI color.

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

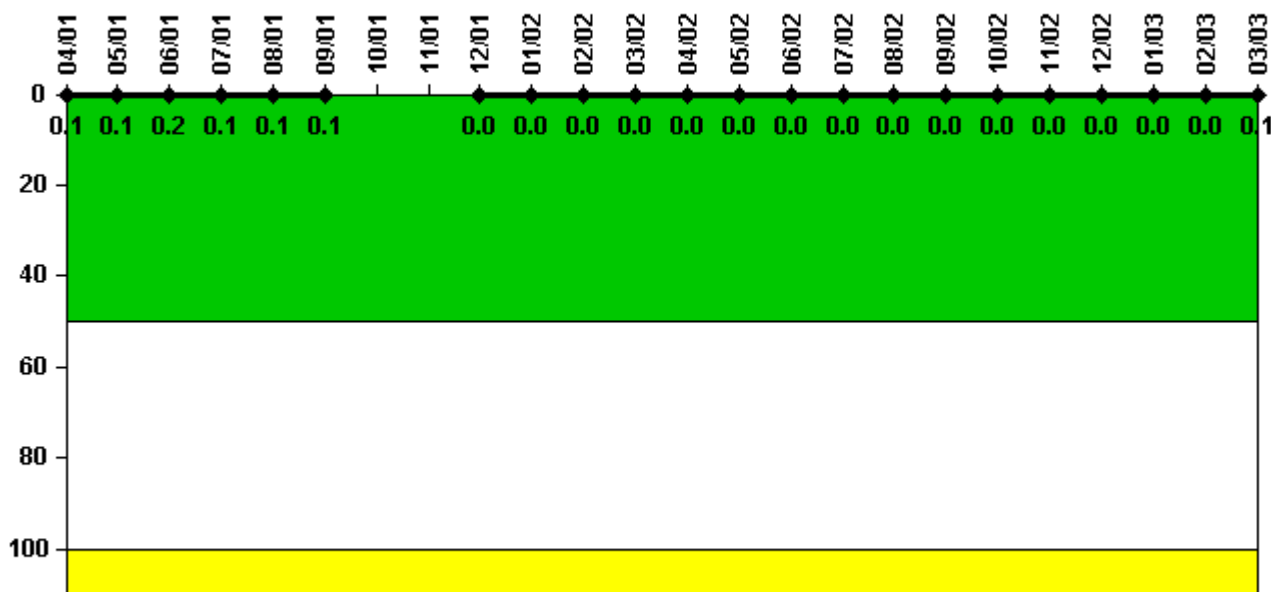
Safety System Functional Failures (PWR)	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Safety System Functional Failures	0	0	1	0	0	0	0	0

Indicator value	1	1	1	1	1	1	0	0

Licensee Comments:

1Q/03: LER's 2002-004-00 and 2002-004-01 describe conditions where the impact of "potential" fires could possibly result in hot short conditions that could lead to re-positioning of valves. The results of the repositioning events have the potential to impact safety-related equipment, including RHR and Charging/Safety Injection. In one scenario, the RWST could be transferred to the containment recirculation sump due to the opening of two valves in series between the RWST and the containment recirculation sump. None of these potential conditions result in both trains of either RHR or Charging/Safety Injection becoming unavailable. Additionally, in the event of transfer of borated water from the RWST to the containment sump, the water is still available for low and high head safety injection, long-term cooling, and containment cooling via suction from the containment recirculation sump. No Safety System Function is lost in the event any of the potential fire-induced hot shorts occur. Therefore, no SSFF is reported under this NRC PI.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

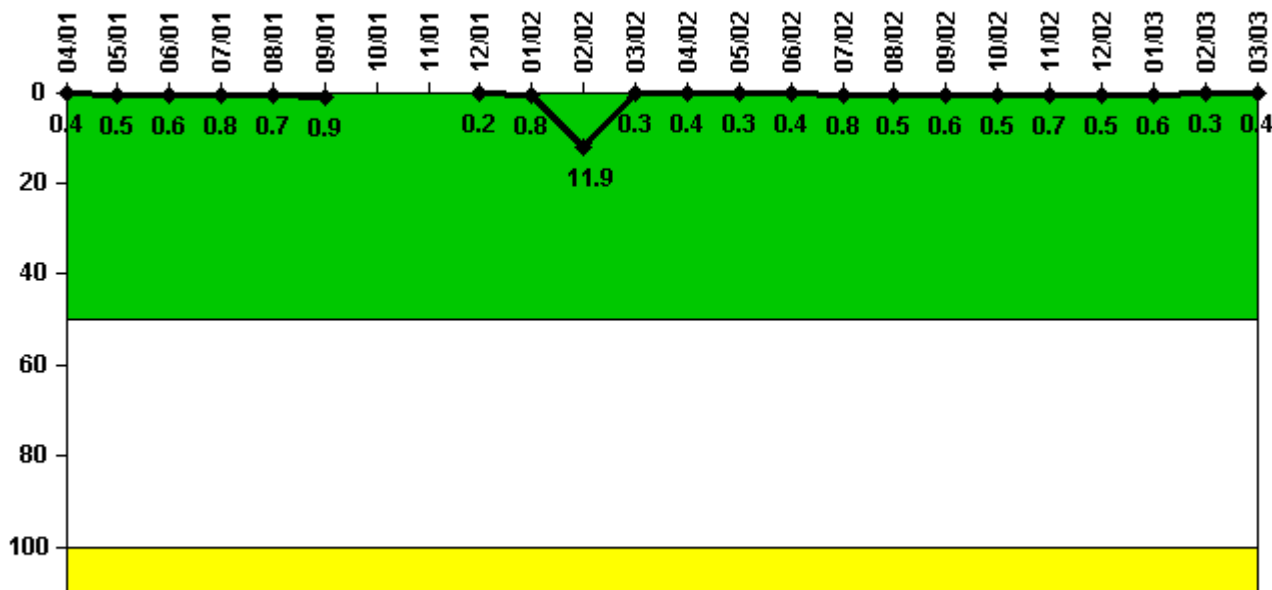
Notes

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	0.000837	0.000939	0.002140	0.001430	0.001323	0.001280	N/A	N/A	0	0.000126	0.000197	0.000185
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Indicator value	0.1	0.1	0.2	0.1	0.1	0.1	N/A	N/A	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	0.000241	0.000157	0.000212	0.000160	0.000165	0.000355	0.000189	0.000181	0.000187	0.000194	0.000199	0.000732
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0.1

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

Notes

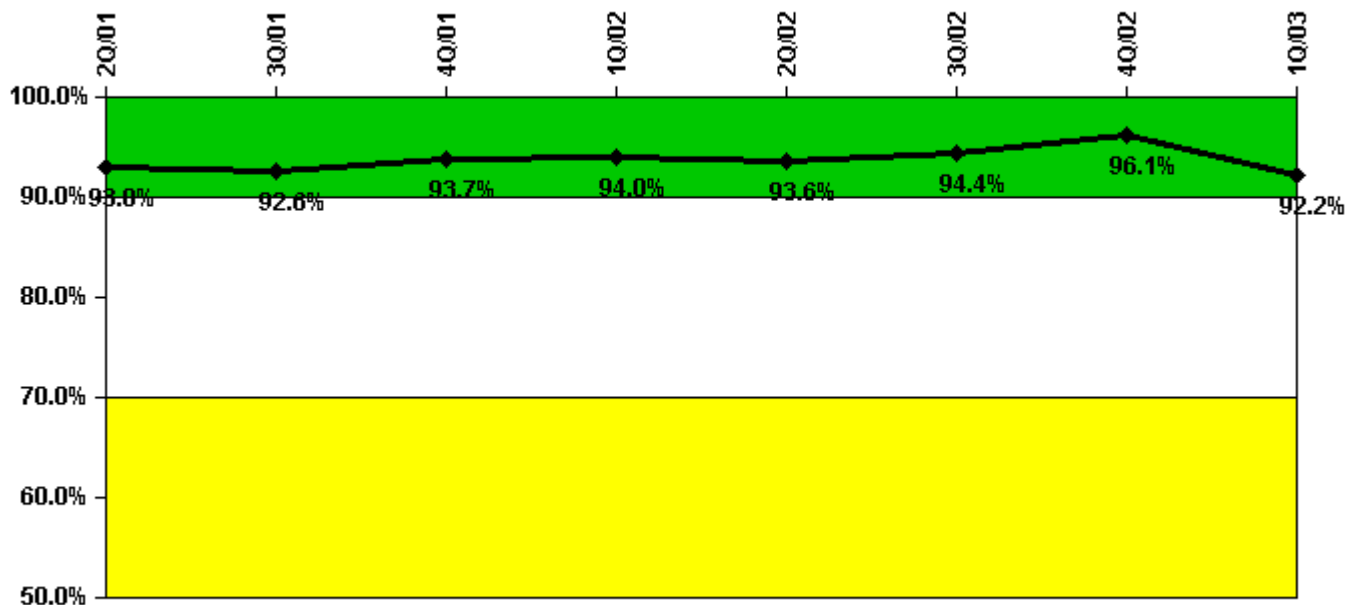
Reactor Coolant System Leakage	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02
Maximum leakage	0.040	0.050	0.060	0.080	0.070	0.090	N/A	N/A	0.020	0.080	1.190	0.030
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.5	0.6	0.8	0.7	0.9	N/A	N/A	0.2	0.8	11.9	0.3

Reactor Coolant System Leakage	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03
Maximum leakage	0.040	0.030	0.040	0.080	0.050	0.060	0.050	0.070	0.050	0.060	0.030	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0

Indicator value	0.4	0.3	0.4	0.8	0.5	0.6	0.5	0.7	0.5	0.6	0.3	0.4
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Licensee Comments: none

Drill/Exercise Performance



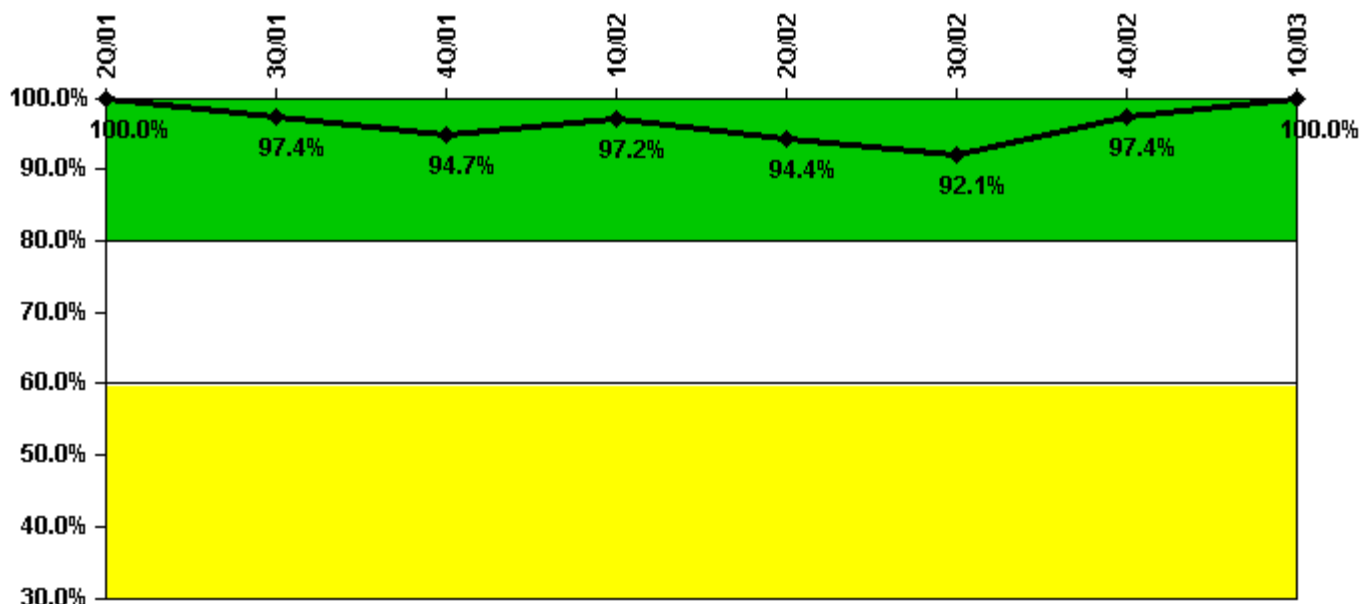
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Successful opportunities	26.0	4.0	2.0	52.0	10.0	18.0	26.0	63.0
Total opportunities	26.0	4.0	2.0	57.0	10.0	18.0	28.0	73.0
Indicator value	93.0%	92.6%	93.7%	94.0%	93.6%	94.4%	96.1%	92.2%

Licensee Comments: none

ERO Drill Participation



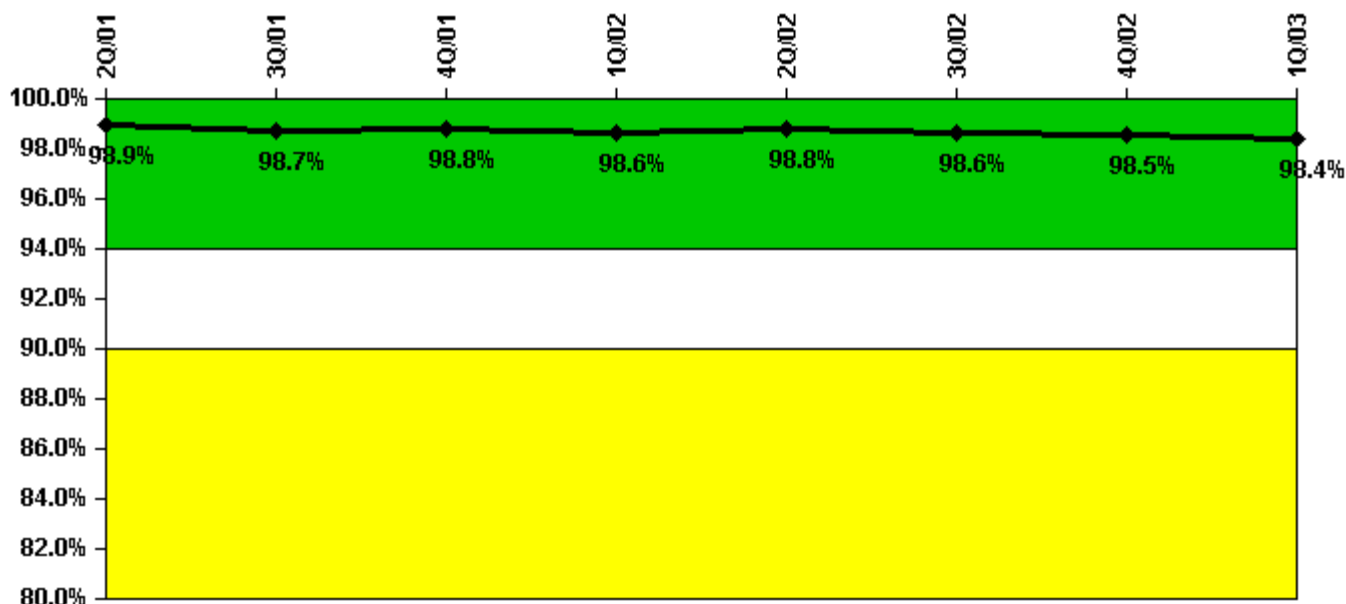
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Participating Key personnel	37.0	37.0	36.0	35.0	34.0	35.0	38.0	37.0
Total Key personnel	37.0	38.0	38.0	36.0	36.0	38.0	39.0	37.0
Indicator value	100.0%	97.4%	94.7%	97.2%	94.4%	92.1%	97.4%	100.0%

Licensee Comments: none

Alert & Notification System



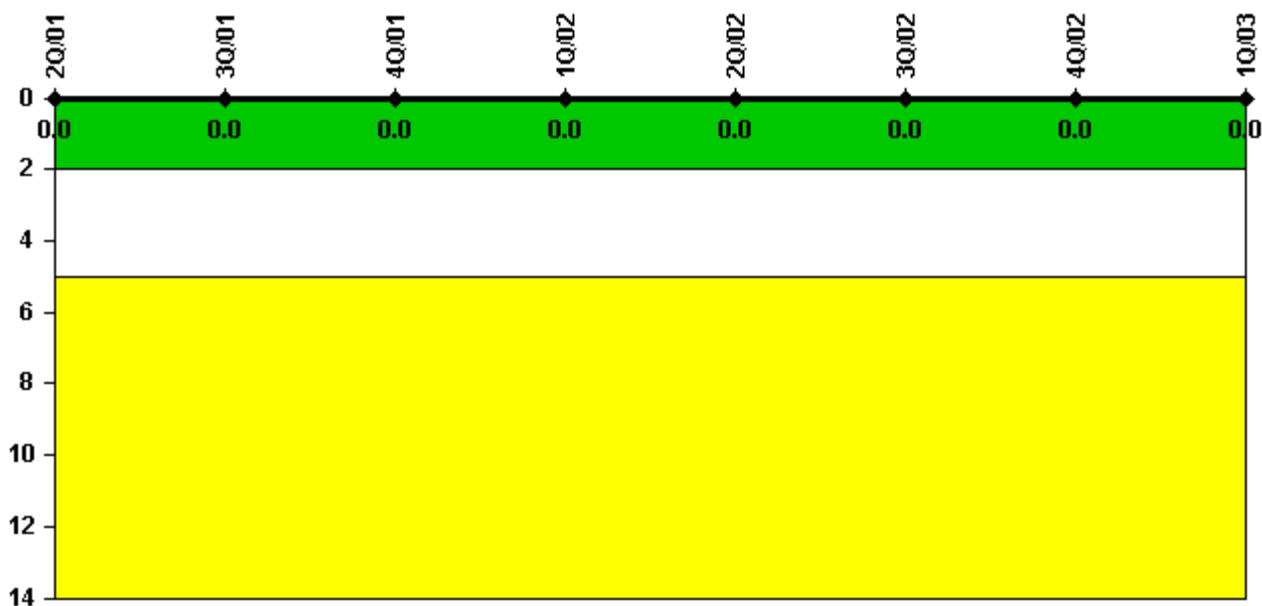
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Successful siren-tests	559	594	682	642	564	708	640	558
Total sirens-tests	567	607	689	648	567	729	648	567
Indicator value	98.9%	98.7%	98.8%	98.6%	98.8%	98.6%	98.5%	98.4%

Licensee Comments: none

Occupational Exposure Control Effectiveness



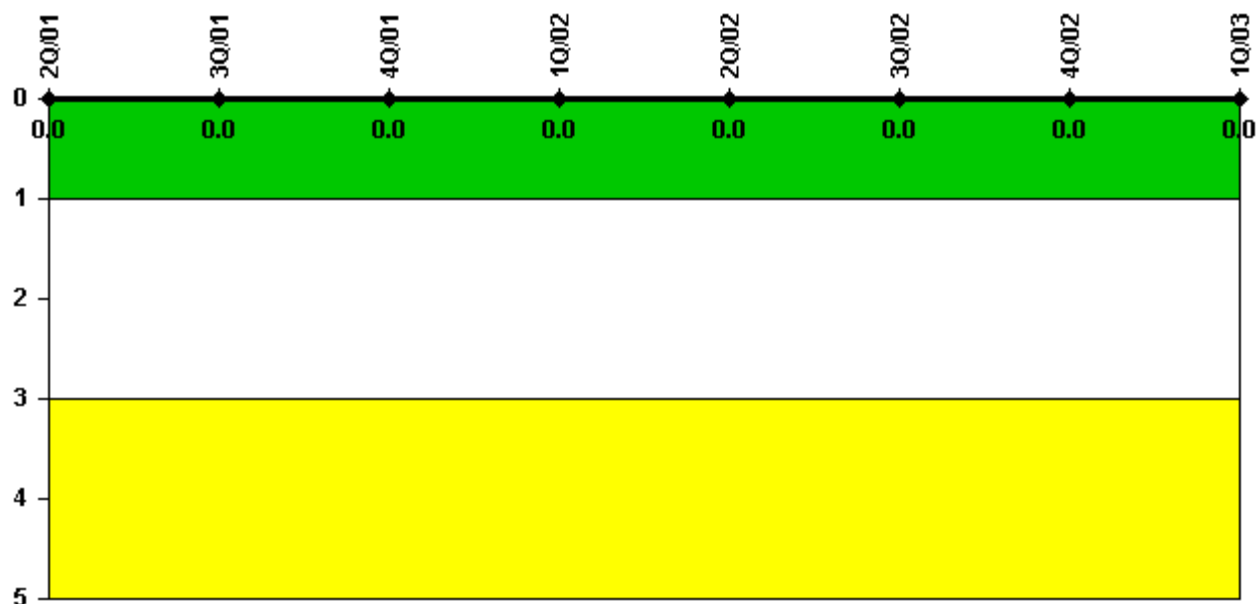
Thresholds: White > 2.0 Yellow > 5.0

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	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



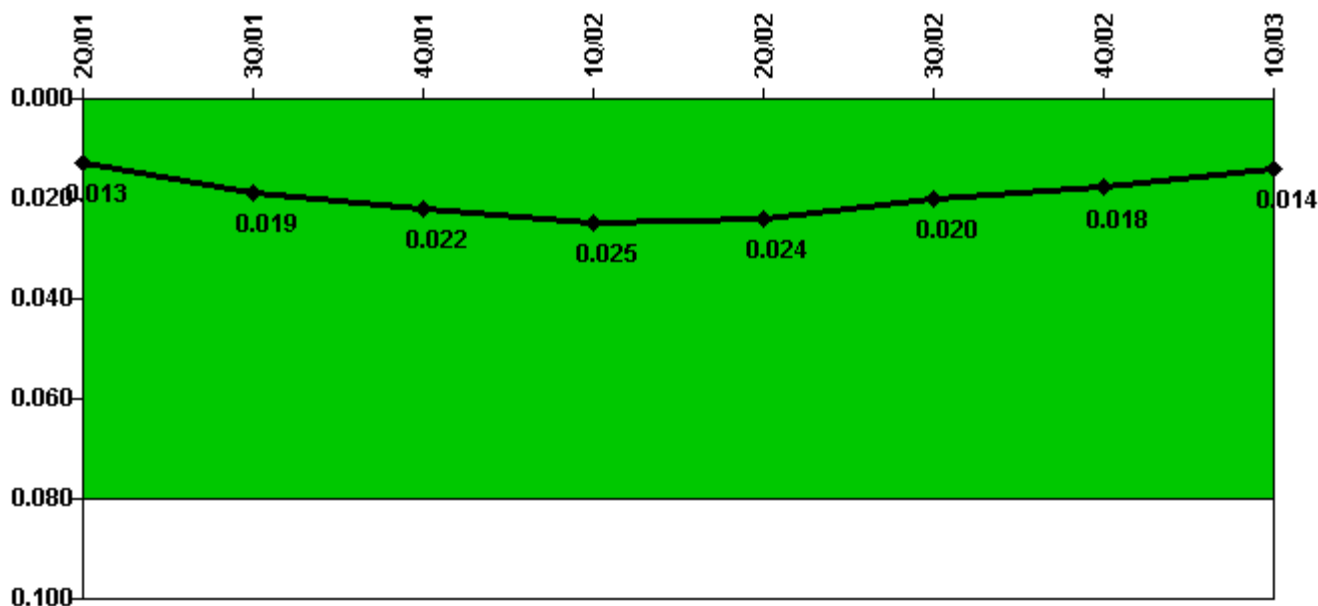
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/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



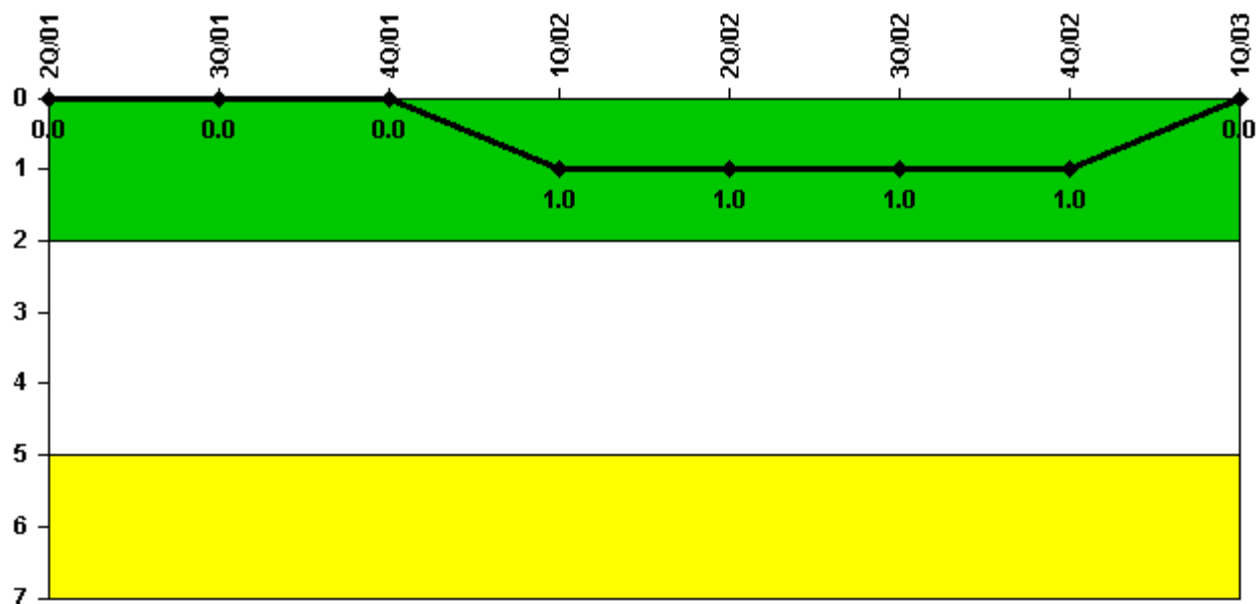
Thresholds: White > 0.080

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	256.70	332.20	250.40	353.08	184.08	229.30	133.90	77.00
CCTV compensatory hours	0.5	36.4	0	0	3.1	0	5.3	18.8
IDS normalization factor	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85
CCTV normalization factor	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
Index Value	0.013	0.019	0.022	0.025	0.024	0.020	0.018	0.014

Licensee Comments: none

Personnel Screening Program



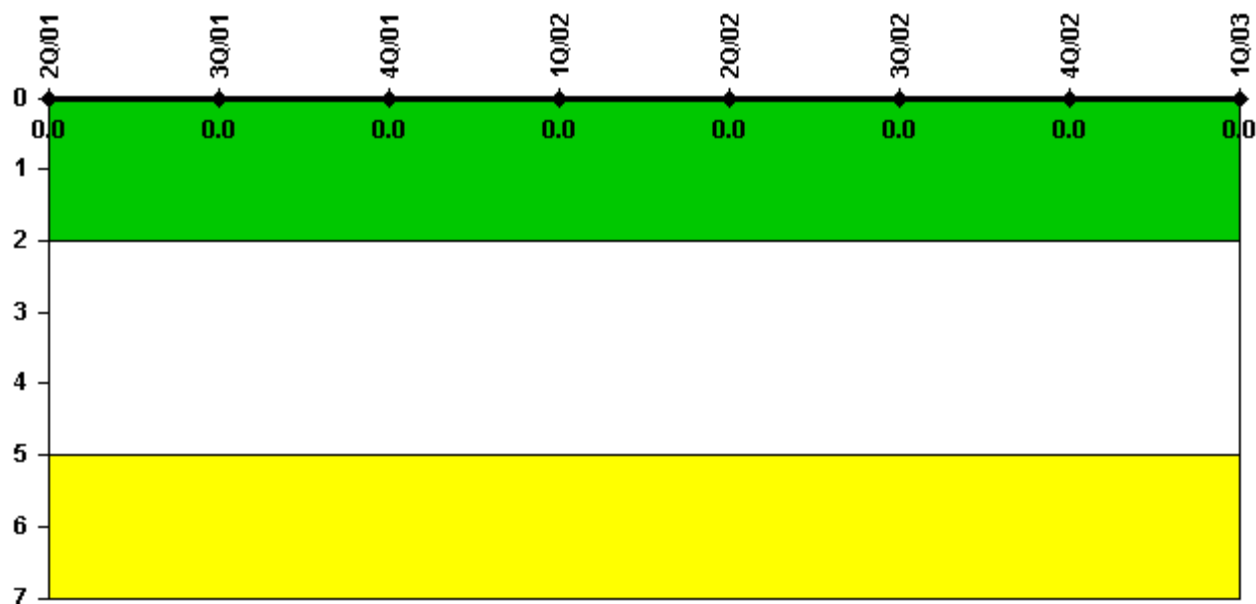
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

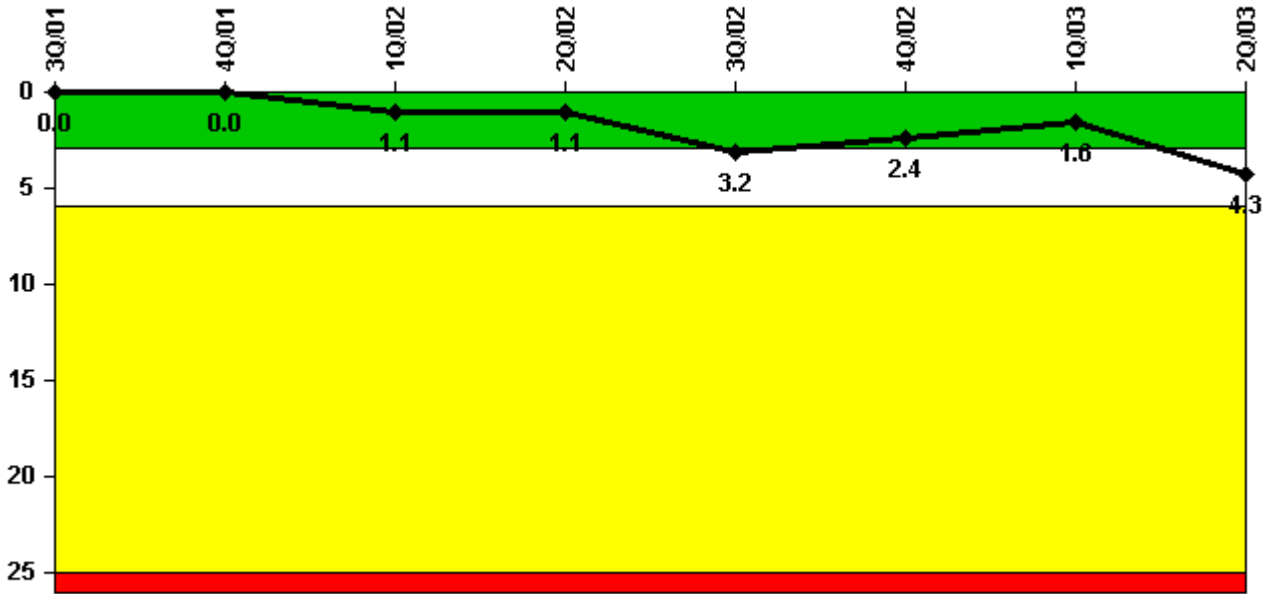
Last Modified: April 22, 2003

Harris 1

2Q/2003 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

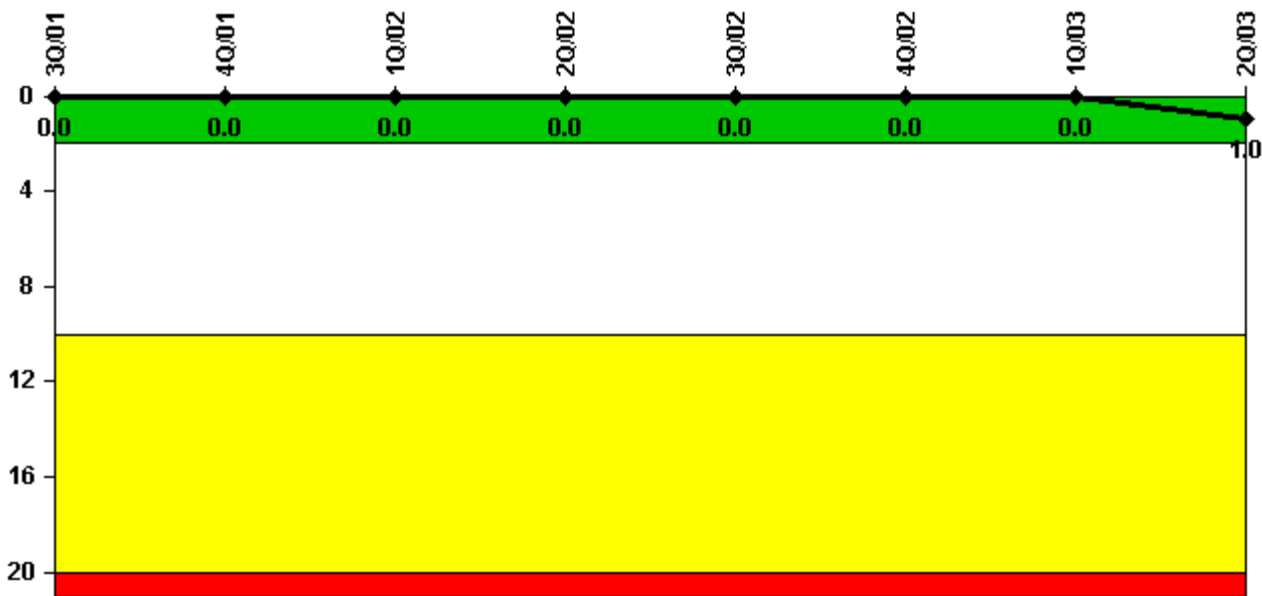
Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Unplanned scrams	0	0	1.0	0	2.0	0	0	3.0
Critical hours	1992.2	7.5	2142.3	2184.0	2173.9	2209.0	2160.0	1605.6
Indicator value	0	0	1.1	1.1	3.2	2.4	1.6	4.3

Licensee Comments:

2Q/03: Unplanned automatic Reactor Trip May 18, 2003. Manual Reactor Trip May 20, 2003. Manual Reactor Trip June 14, 2003.

Scrams with Loss of Normal Heat Removal



Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

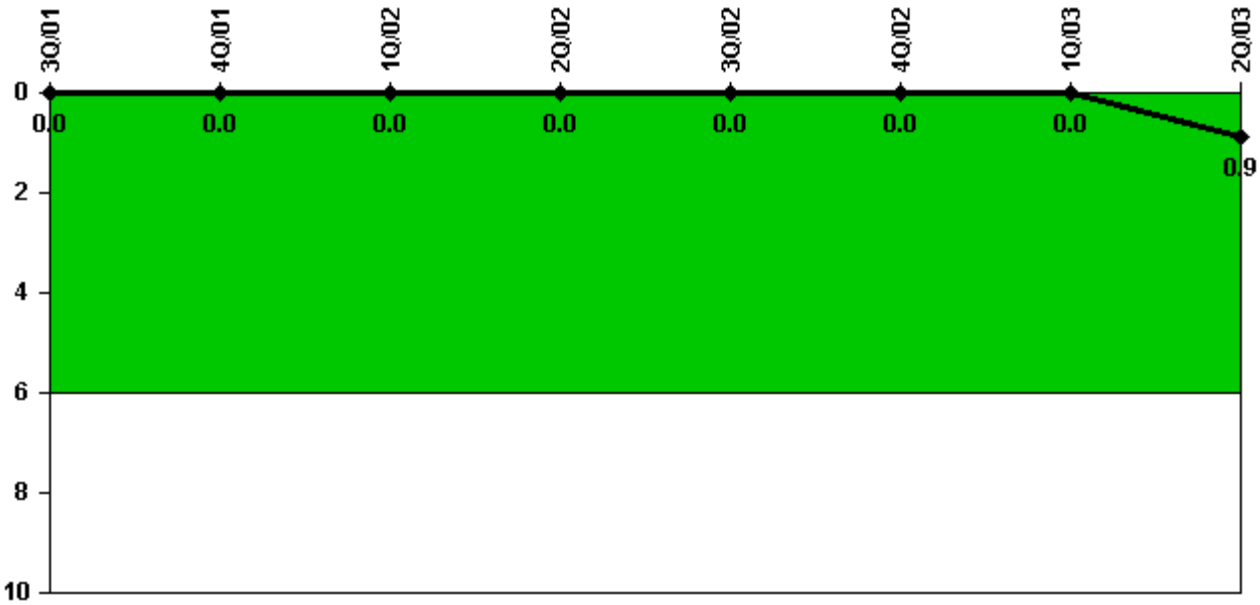
Notes

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	1.0
Indicator value	0	0	0	0	0	0	0	1.0

Licensee Comments:

2Q/03: The A-Condensate Booster Pump tripped on 5/20/03. This event caused a loss of Main Feedwater flow to the Steam Generators, leading to a Manual Reactor Trip.

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

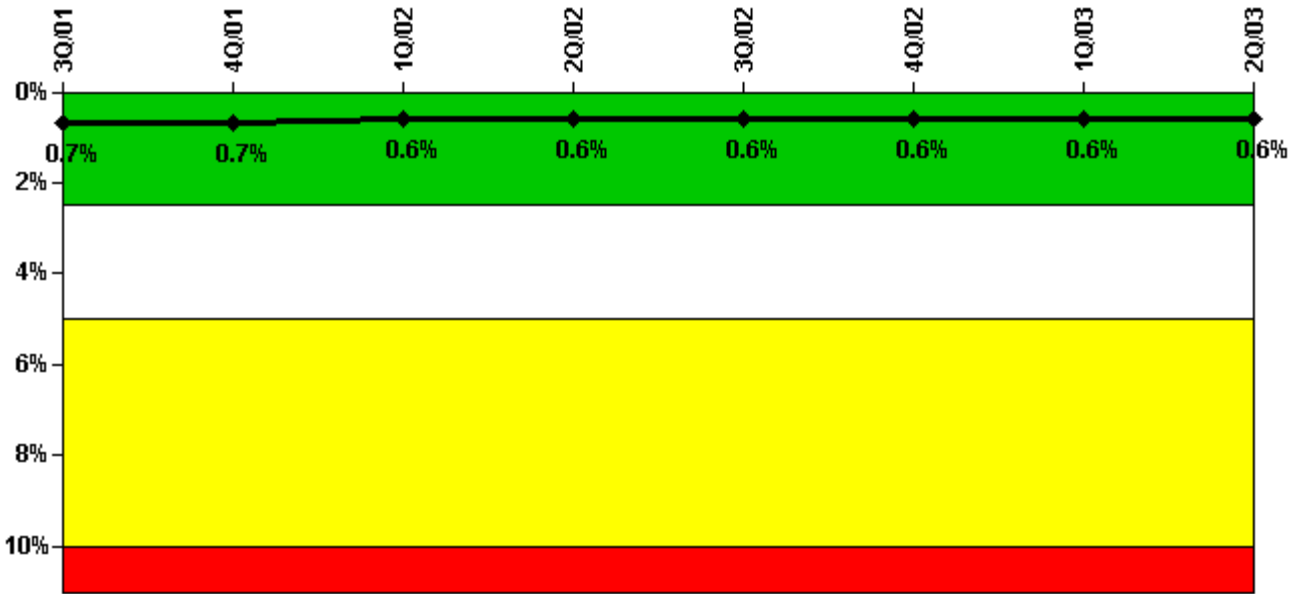
Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Unplanned power changes	0	0	0	0	0	0	0	1.0
Critical hours	1992.2	7.5	2142.3	2184.0	2173.9	2209.0	2160.0	1605.6
Indicator value	0	0	0	0	0	0	0	0.9

Licensee Comments:

2Q/03: Reactor power was reduced from 75% to 50% to repair the A-Main Feed pump shaft driven oil pump.

Safety System Unavailability, Emergency AC Power



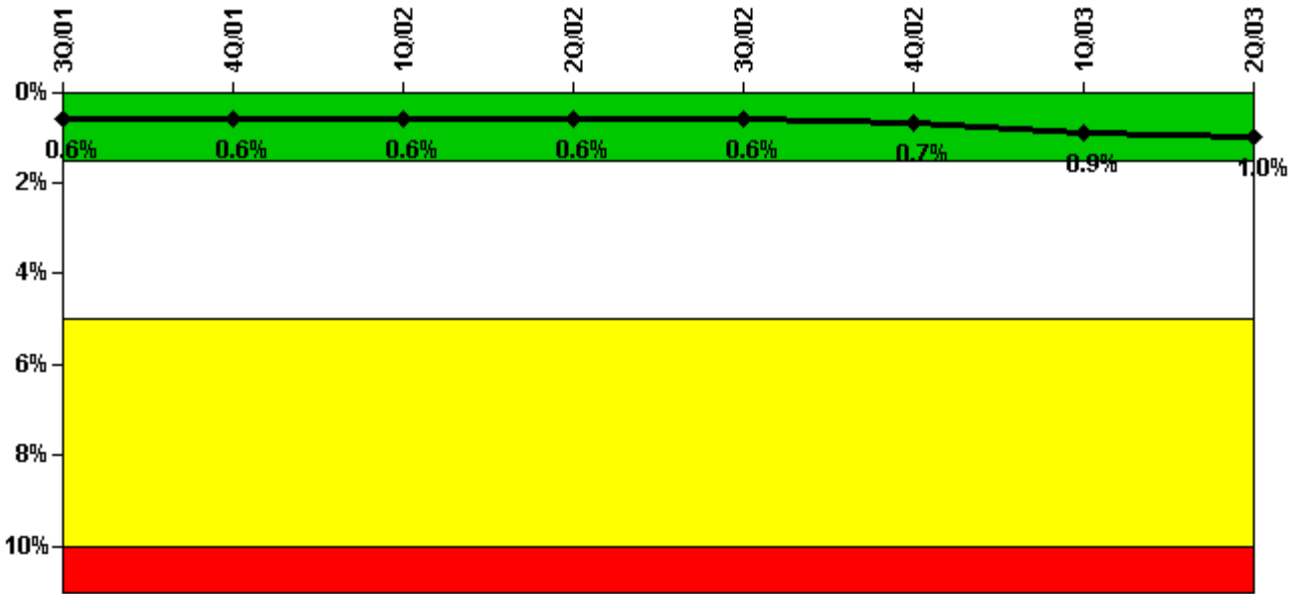
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

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	21.09	1.22	16.98	4.48	10.47	11.20	1.97	17.75
Unplanned unavailable hours	0	0	0	0	0	3.20	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2005.50	837.57	2160.00	2184.00	2208.00	2209.00	2160.00	1859.58
Train 2								
Planned unavailable hours	1.78	0	14.29	12.35	1.43	17.25	24.03	2.57
Unplanned unavailable hours	0	0	0	11.95	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	727.97	2160.00	2184.00	2208.00	2209.00	2160.00	2152.97
Indicator value	0.7%	0.7%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



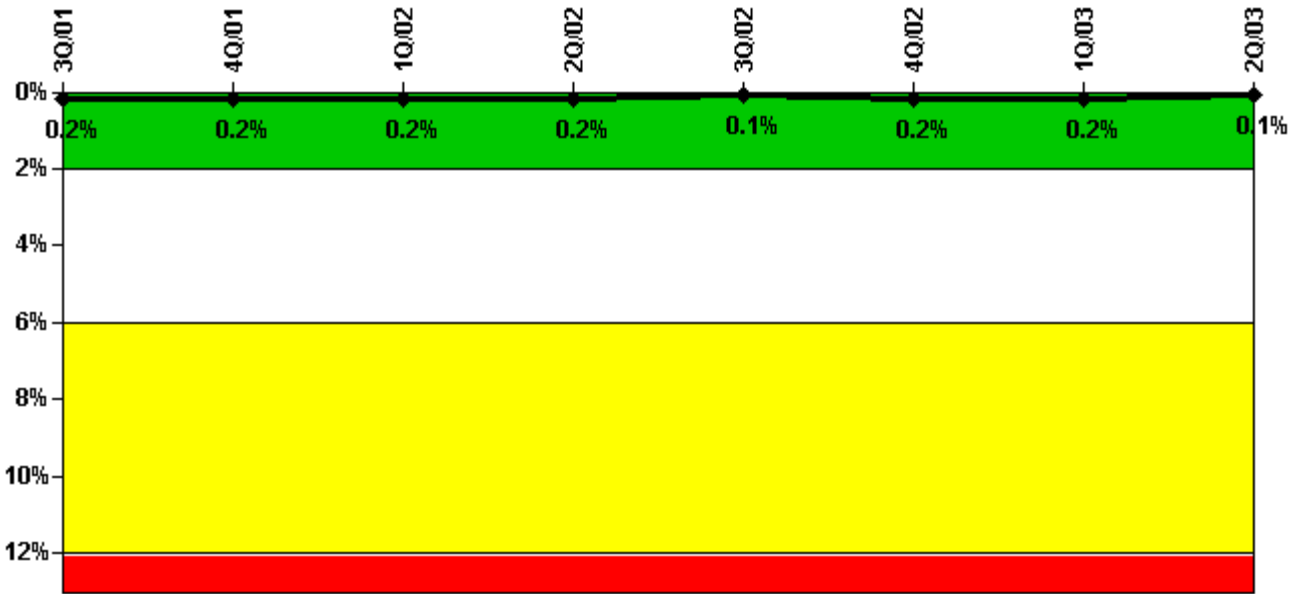
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Train 1								
Planned unavailable hours	36.36	0	29.17	16.07	18.05	15.22	71.33	19.50
Unplanned unavailable hours	0	0	10.45	0.55	0	18.73	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2005.50	108.28	2160.00	2184.00	2208.00	2209.00	2160.00	1830.60
Train 2								
Planned unavailable hours	8.52	0	10.90	22.90	16.13	6.68	37.72	15.00
Unplanned unavailable hours	0	0	0	0	0	0	7.65	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2005.50	108.28	2160.00	2184.00	2208.00	2209.00	2160.00	1830.60
Indicator value	0.6%	0.6%	0.6%	0.6%	0.6%	0.7%	0.9%	1.0%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



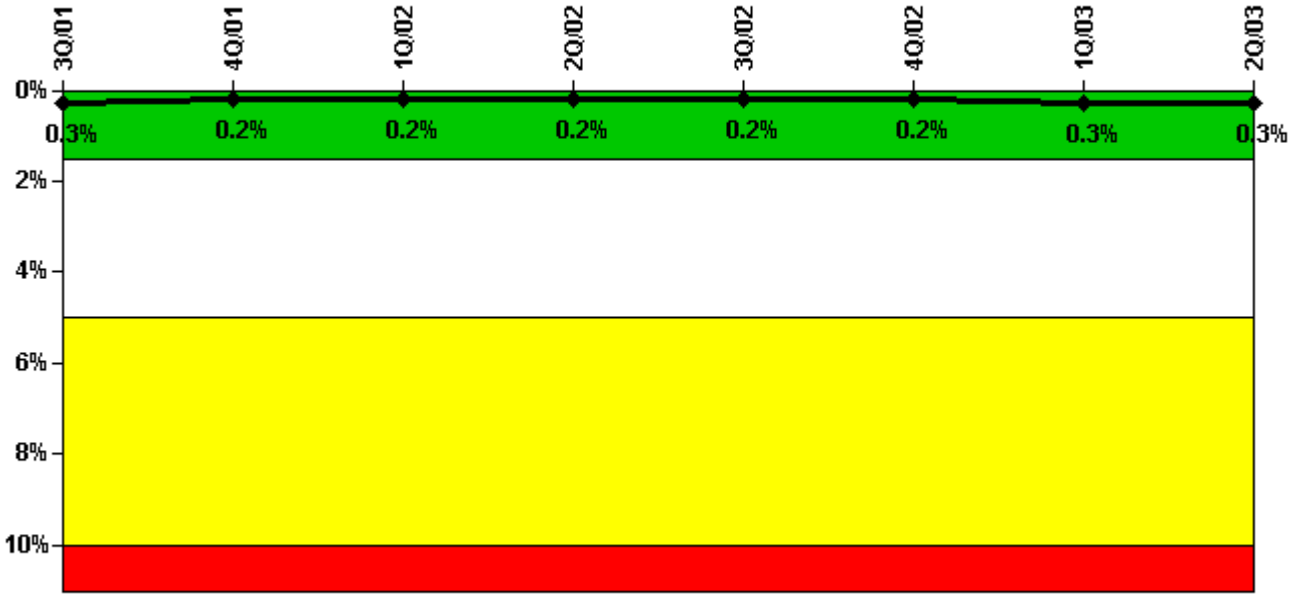
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Train 1								
Planned unavailable hours	0	0	0	0	0.73	0	0	1.13
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	1996.72	68.72	2160.00	2184.00	2208.00	2209.00	2160.00	1731.15
Train 2								
Planned unavailable hours	3.38	0	0	6.00	0	0	1.50	1.13
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	1996.72	68.72	2160.00	2184.00	2208.00	2209.00	2160.00	1731.15
Train 3								
Planned unavailable hours	8.47	0	11.67	0	0	9.00	21.17	5.57
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	1996.72	68.72	2160.00	2184.00	2208.00	2209.00	2160.00	1731.15
Indicator value	0.2%	0.2%	0.2%	0.2%	0.1%	0.2%	0.2%	0.1%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



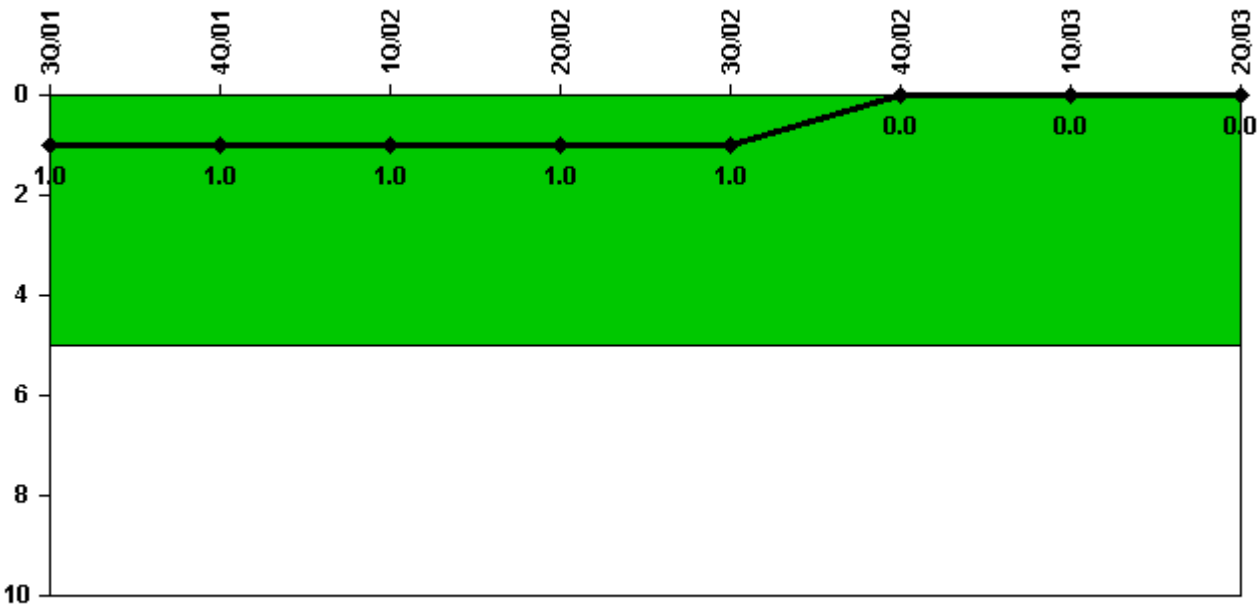
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

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	8.70	0	19.28	3.99	3.40	8.58	3.82	15.05
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	726.75	2160.00	2184.00	2208.00	2209.00	2160.00	2097.50
Train 2								
Planned unavailable hours	8.30	0	4.40	14.97	0	1.82	28.20	3.47
Unplanned unavailable hours	3.70	0	0	0	0	0	0	0
Fault exposure hours	7.70	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	726.75	2160.00	2184.00	2208.00	2209.00	2160.00	2097.50
Indicator value	0.3%	0.2%	0.2%	0.2%	0.2%	0.2%	0.3%	0.3%

Licensee Comments: none

Safety System Functional Failures (PWR)



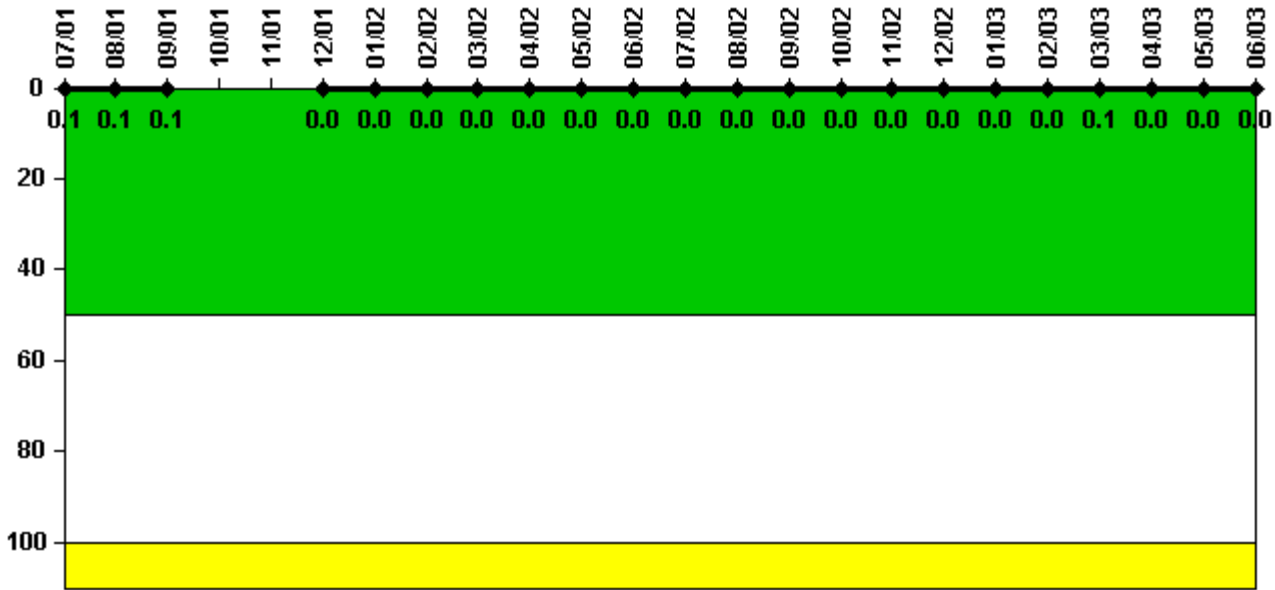
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

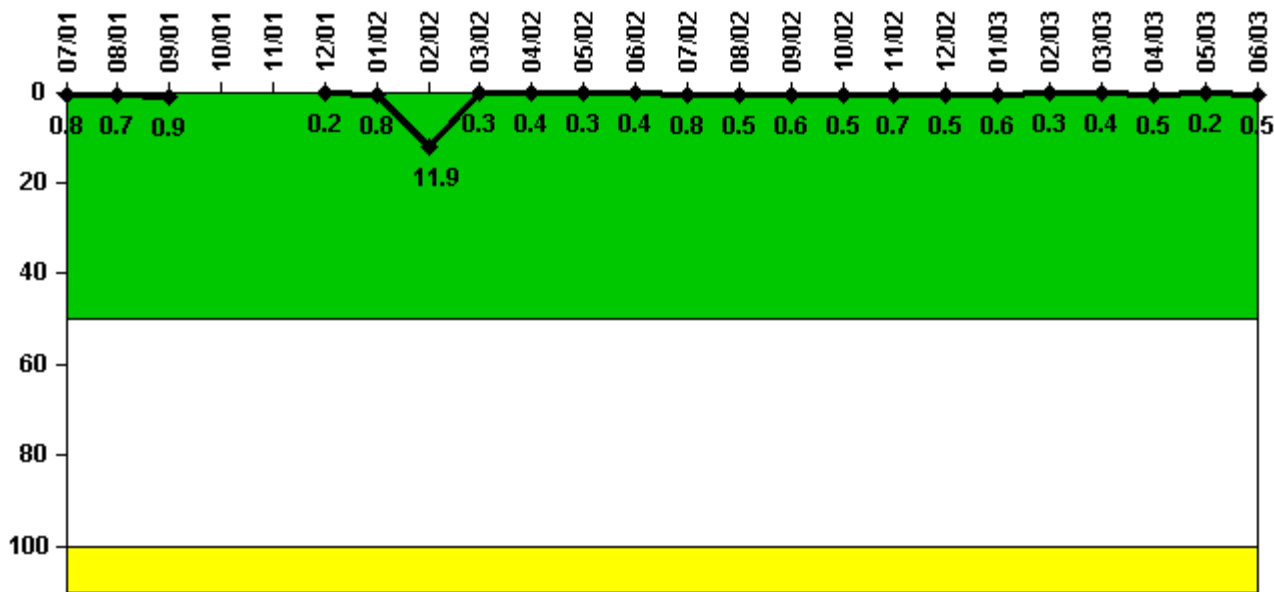
Notes

Reactor Coolant System Activity	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	0.001430	0.001323	0.001280	N/A	N/A	0	0.000126	0.000197	0.000185	0.000241	0.000157	0.000212
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	N/A	N/A	0	0	0	0	0	0	0

Reactor Coolant System Activity	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	0.000160	0.000165	0.000355	0.000189	0.000181	0.000187	0.000194	0.000199	0.000732	0.000208	0.000072	0.000086
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0.1	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

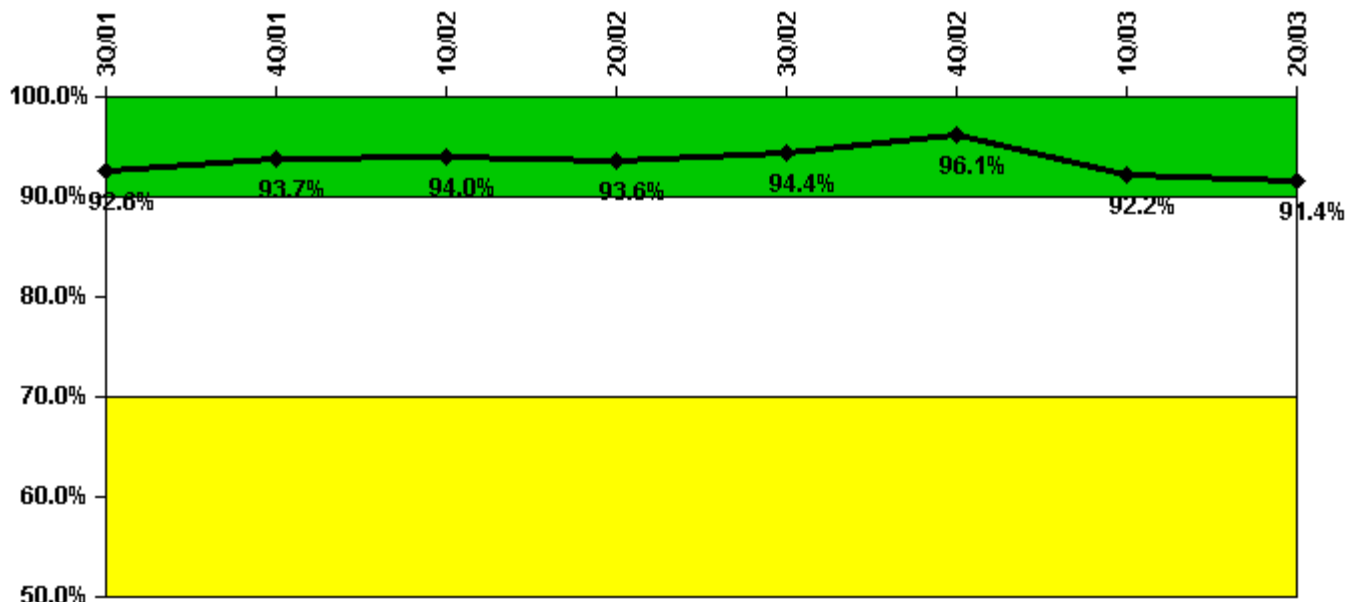
Notes

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	0.080	0.070	0.090	N/A	N/A	0.020	0.080	1.190	0.030	0.040	0.030	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.8	0.7	0.9	N/A	N/A	0.2	0.8	11.9	0.3	0.4	0.3	0.4

Reactor Coolant System Leakage	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03
Maximum leakage	0.080	0.050	0.060	0.050	0.070	0.050	0.060	0.030	0.040	0.050	0.020	0.050
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.8	0.5	0.6	0.5	0.7	0.5	0.6	0.3	0.4	0.5	0.2	0.5

Licensee Comments: none

Drill/Exercise Performance



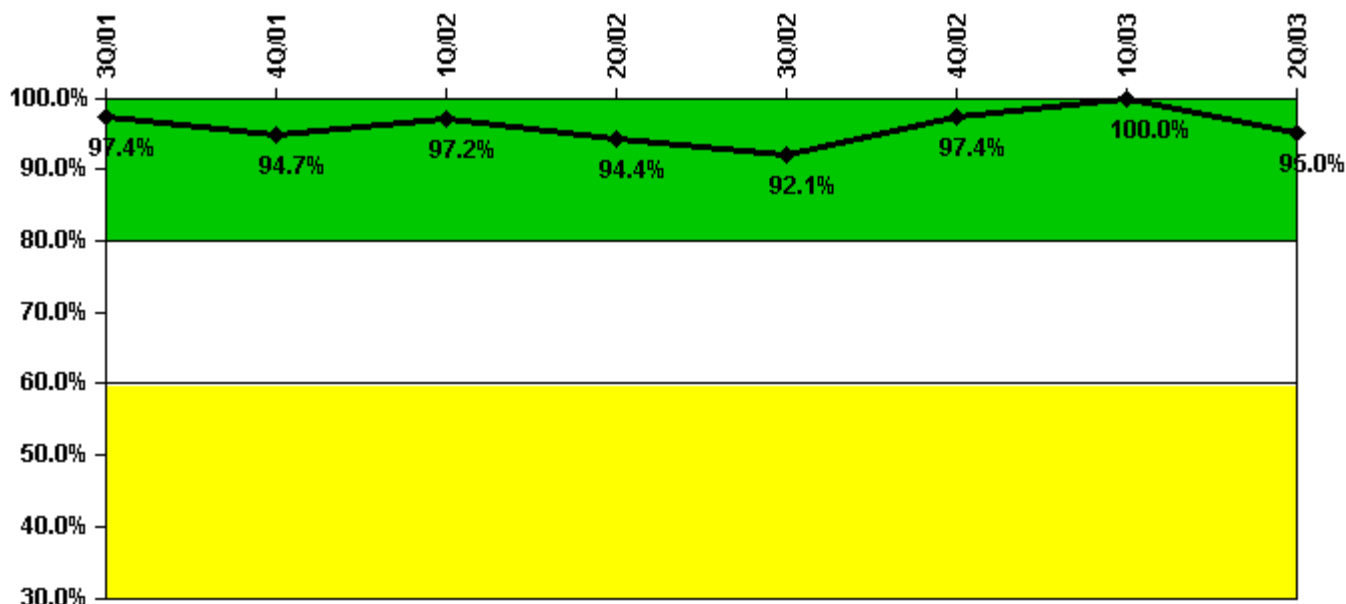
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Successful opportunities	4.0	2.0	52.0	10.0	18.0	26.0	63.0	37.0
Total opportunities	4.0	2.0	57.0	10.0	18.0	28.0	73.0	40.0
Indicator value	92.6%	93.7%	94.0%	93.6%	94.4%	96.1%	92.2%	91.4%

Licensee Comments: none

ERO Drill Participation



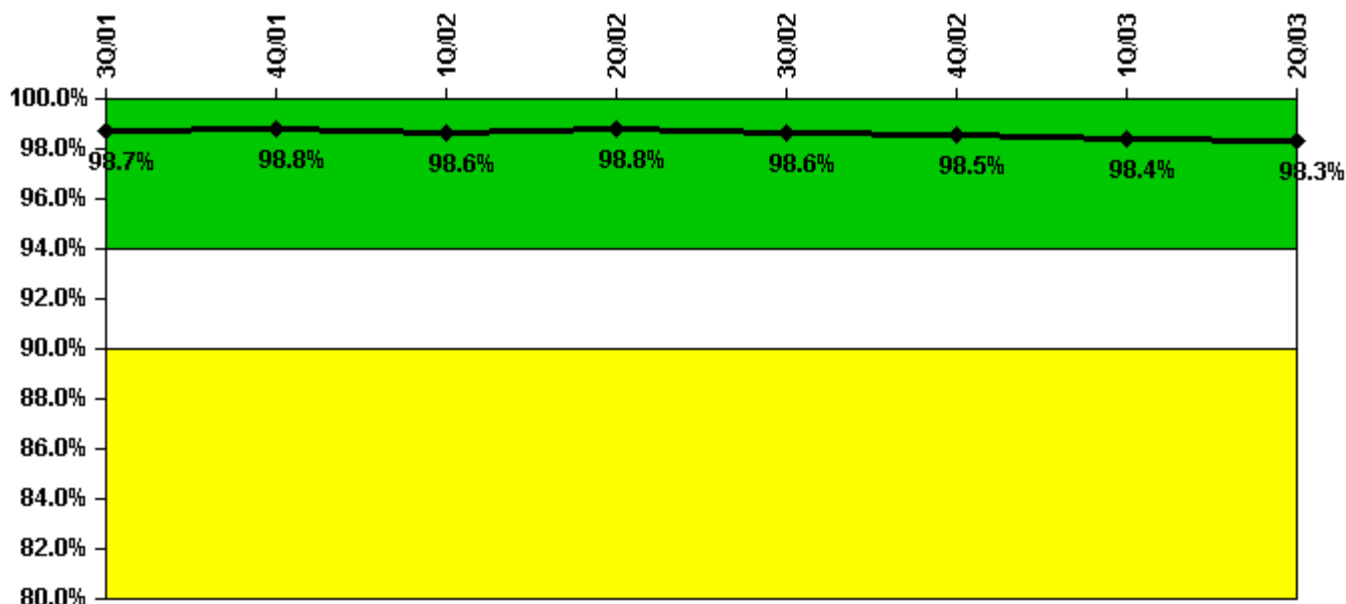
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Participating Key personnel	37.0	36.0	35.0	34.0	35.0	38.0	37.0	38.0
Total Key personnel	38.0	38.0	36.0	36.0	38.0	39.0	37.0	40.0
Indicator value	97.4%	94.7%	97.2%	94.4%	92.1%	97.4%	100.0%	95.0%

Licensee Comments: none

Alert & Notification System



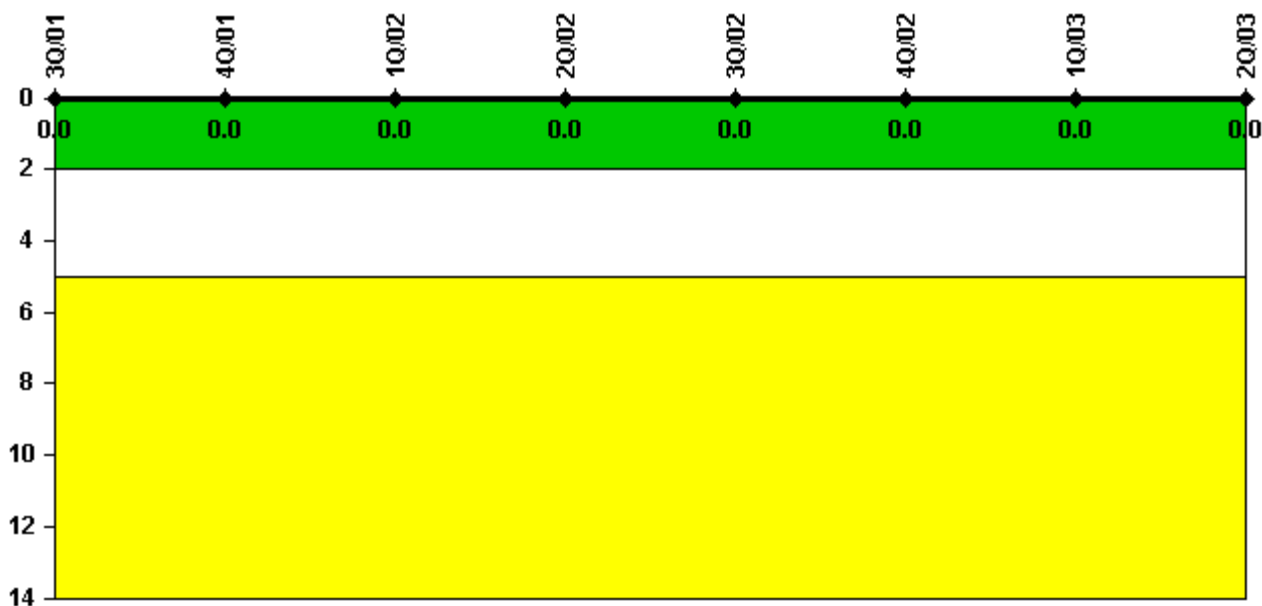
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Successful siren-tests	594	682	642	564	708	640	558	643
Total sirens-tests	607	689	648	567	729	648	567	648
Indicator value	98.7%	98.8%	98.6%	98.8%	98.6%	98.5%	98.4%	98.3%

Licensee Comments: none

Occupational Exposure Control Effectiveness



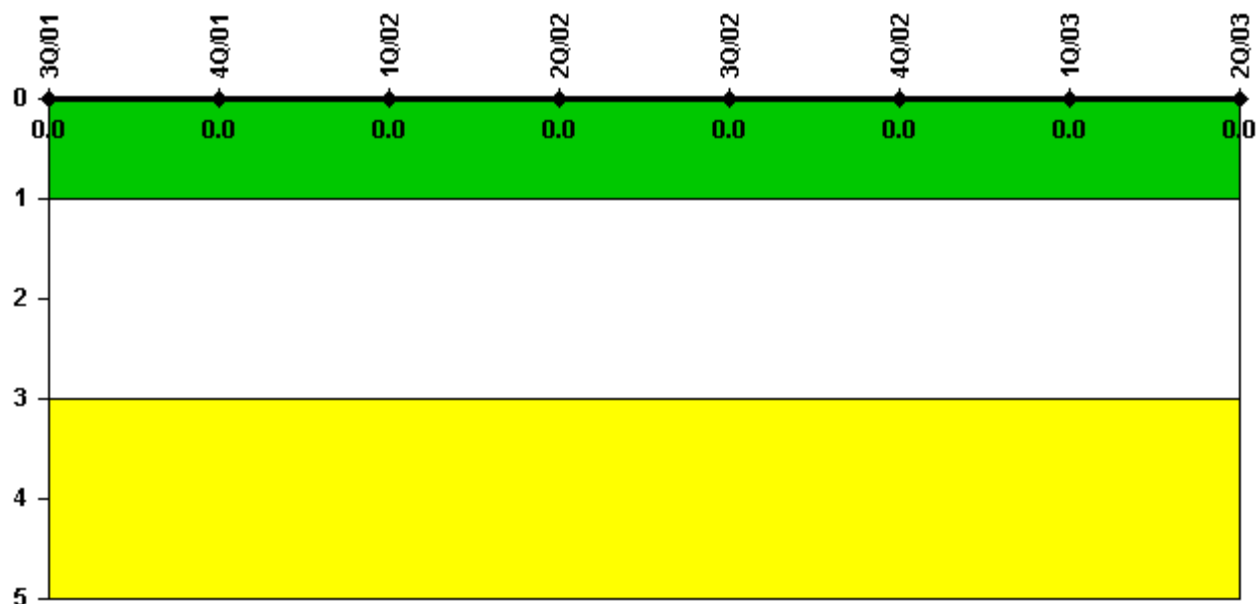
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
High radiation area occurrences	0	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



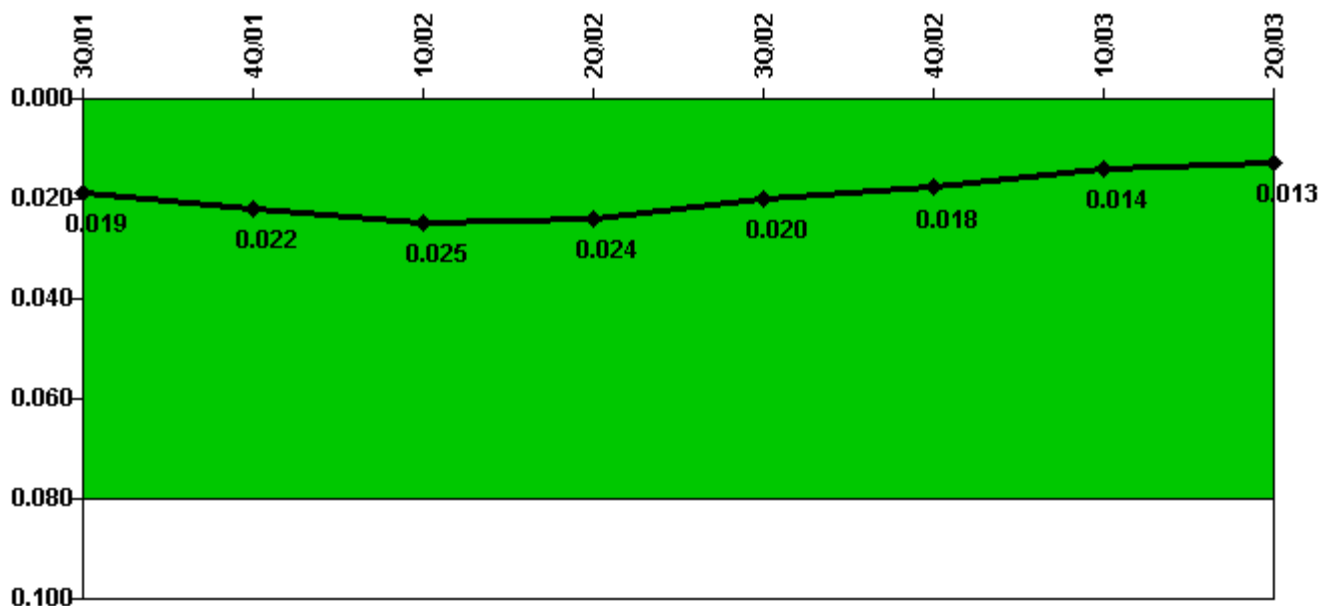
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/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



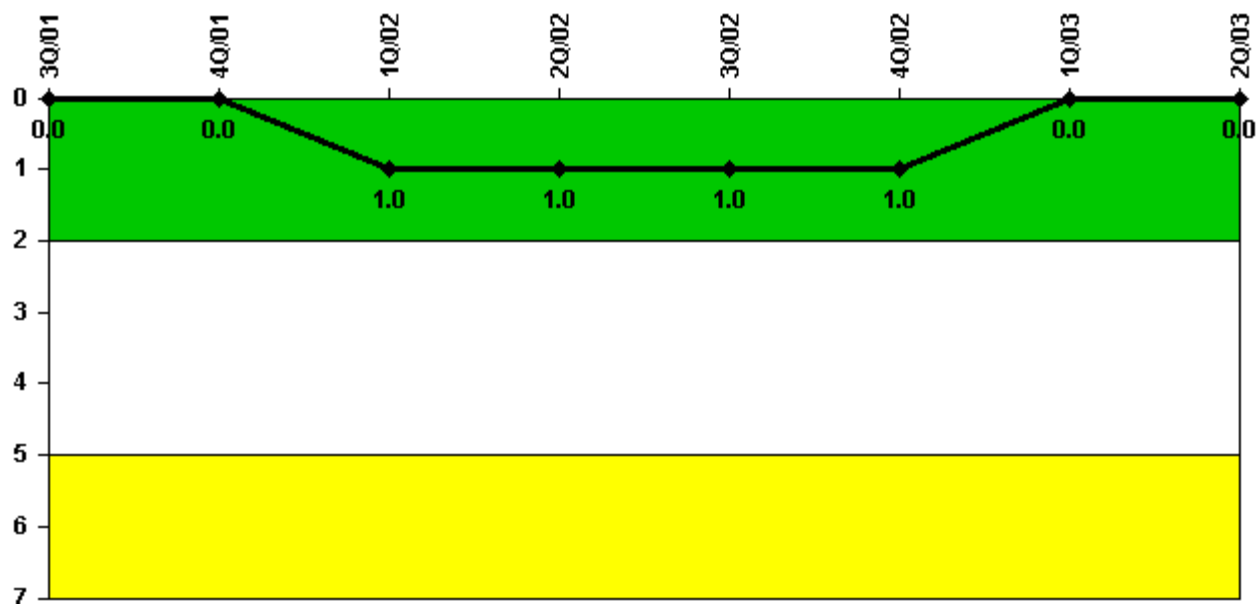
Thresholds: White > 0.080

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	332.20	250.40	353.08	184.08	229.30	133.90	77.00	144.61
CCTV compensatory hours	36.4	0	0	3.1	0	5.3	18.8	0
IDS normalization factor	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85
CCTV normalization factor	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
Index Value	0.019	0.022	0.025	0.024	0.020	0.018	0.014	0.013

Licensee Comments: none

Personnel Screening Program



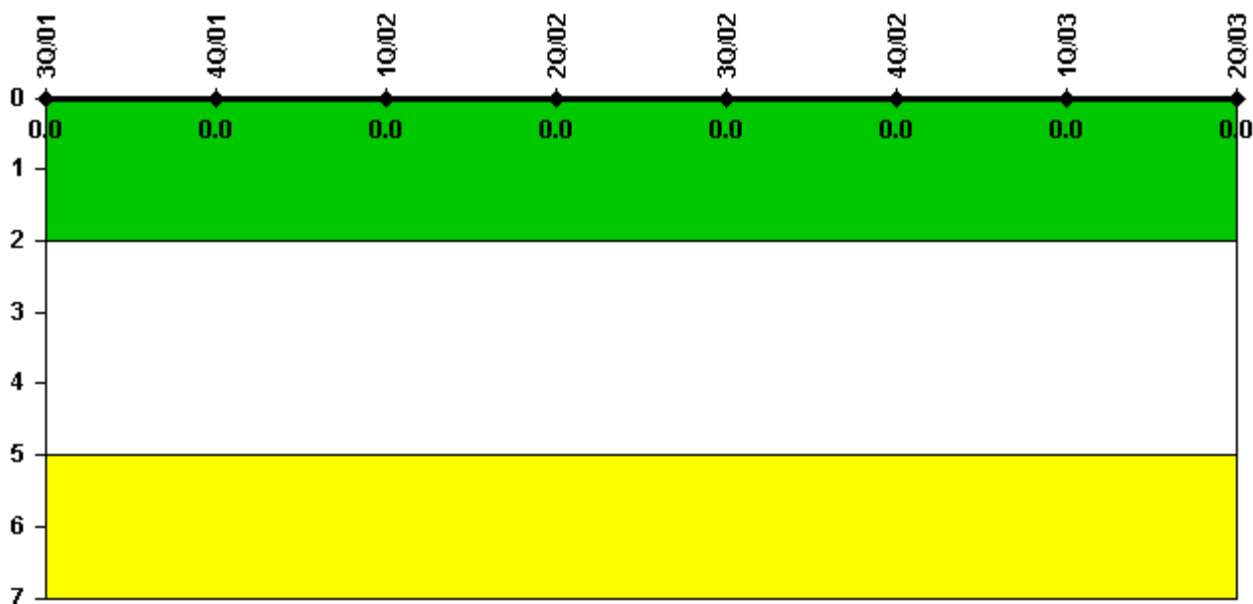
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

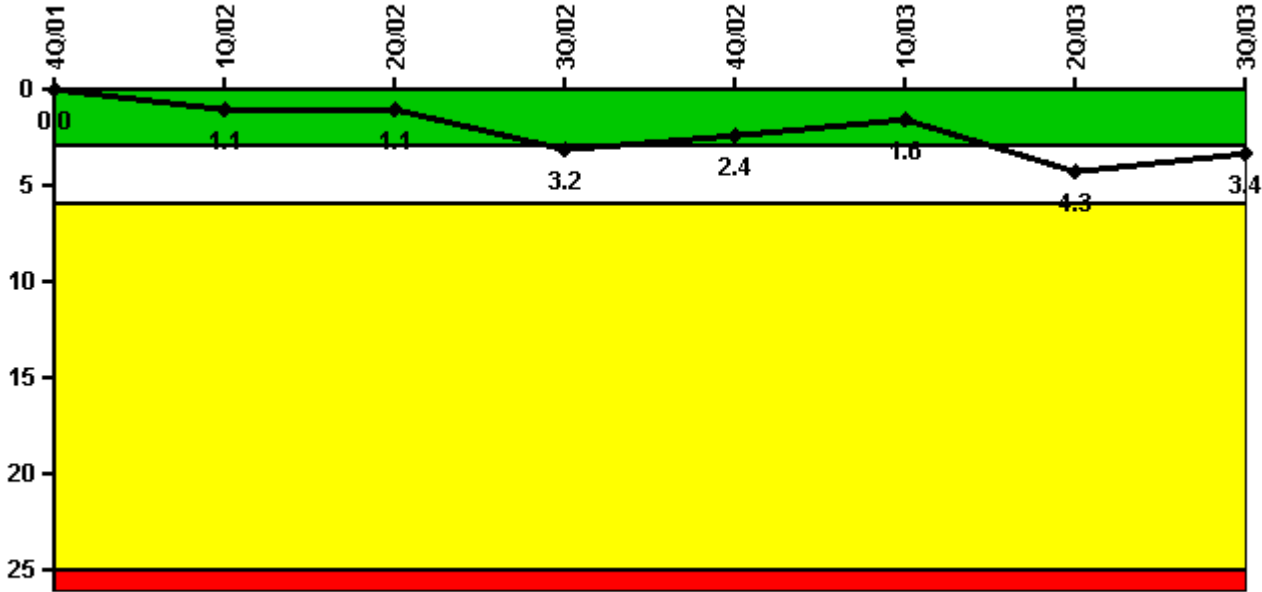
Last Modified: July 22, 2003

Harris 1

3Q/2003 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

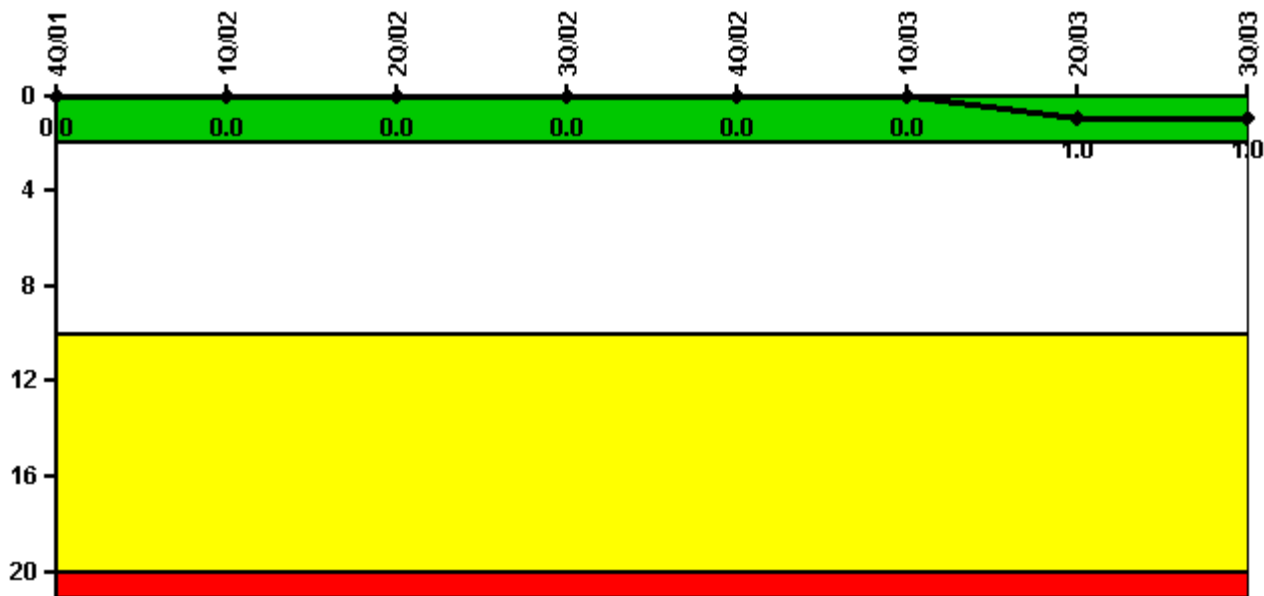
Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Unplanned scrams	0	1.0	0	2.0	0	0	3.0	1.0
Critical hours	7.5	2142.3	2184.0	2173.9	2209.0	2160.0	1605.6	2190.4
Indicator value	0	1.1	1.1	3.2	2.4	1.6	4.3	3.4

Licensee Comments:

3Q/03: An Unplanned Manual Reactor trip was initiated on 8/17/03.

Scrams with Loss of Normal Heat Removal



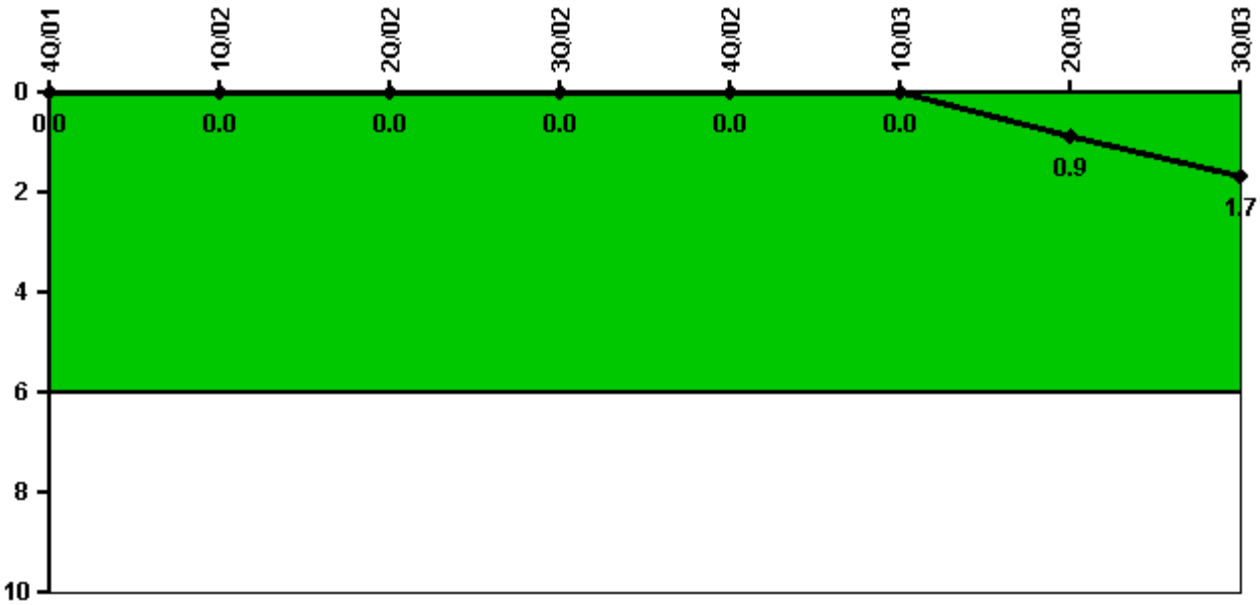
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

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	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

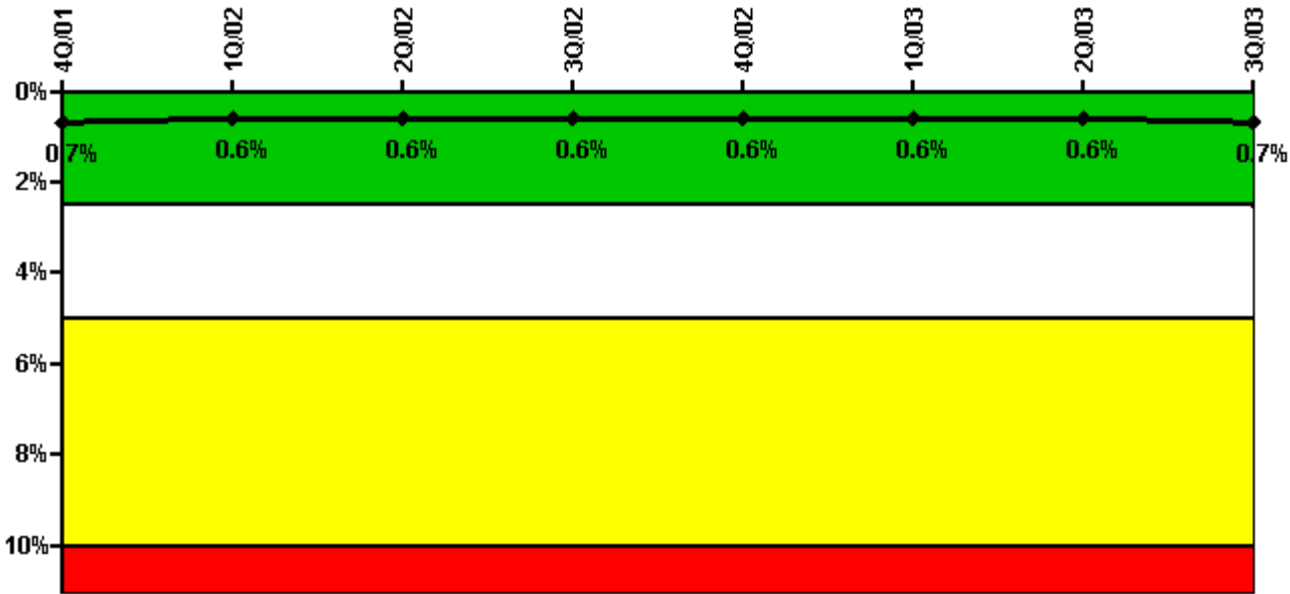
Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Unplanned power changes	0	0	0	0	0	0	1.0	1.0
Critical hours	7.5	2142.3	2184.0	2173.9	2209.0	2160.0	1605.6	2190.4
Indicator value	0	0	0	0	0	0	0.9	1.7

Licensee Comments:

3Q/03: All A-Train pumps in the Condensate and Feedwater train were removed from service requiring a reduction in power to approximately 46%.

Safety System Unavailability, Emergency AC Power



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

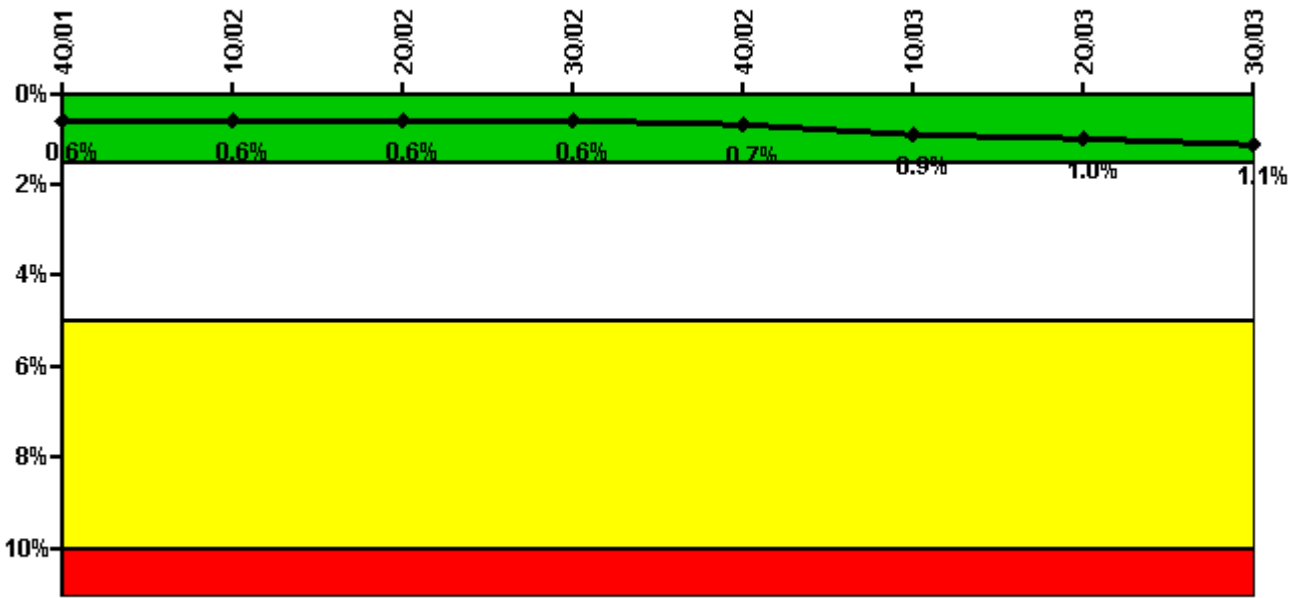
Notes

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	1.22	16.98	4.48	10.47	11.20	1.97	17.75	33.50
Unplanned unavailable hours	0	0	0	0	3.20	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	837.57	2160.00	2184.00	2208.00	2209.00	2160.00	1859.58	2208.00
Train 2								
Planned unavailable hours	0	14.29	12.35	1.43	17.25	24.03	2.57	54.43
Unplanned unavailable hours	0	0	11.95	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	727.97	2160.00	2184.00	2208.00	2209.00	2160.00	2152.97	2208.00
Indicator value	0.7%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.7%

Licensee Comments:

3Q/00: Corrected September Train 2 planned data to show additional .01 that was previously dropped due to a rounding error. No impact on color. Corrected August Train 2 planned unavailable hours to 5.63 vs. 5.73 due (3Q/2003 submittal).

Safety System Unavailability, High Pressure Injection System (HPSI)



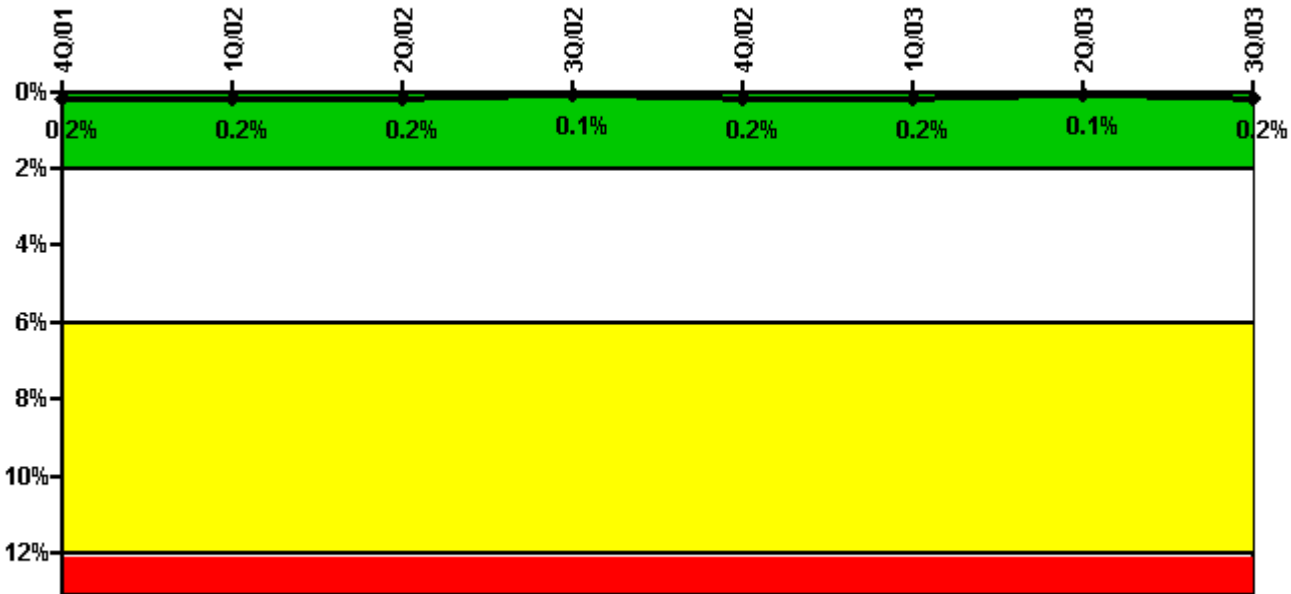
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Train 1								
Planned unavailable hours	0	29.17	16.07	18.05	15.22	71.33	19.50	49.10
Unplanned unavailable hours	0	10.45	0.55	0	18.73	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	108.28	2160.00	2184.00	2208.00	2209.00	2160.00	1830.60	2208.00
Train 2								
Planned unavailable hours	0	10.90	22.90	16.13	6.68	37.72	15.00	22.30
Unplanned unavailable hours	0	0	0	0	0	7.65	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	108.28	2160.00	2184.00	2208.00	2209.00	2160.00	1830.60	2208.00
Indicator value	0.6%	0.6%	0.6%	0.6%	0.7%	0.9%	1.0%	1.1%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



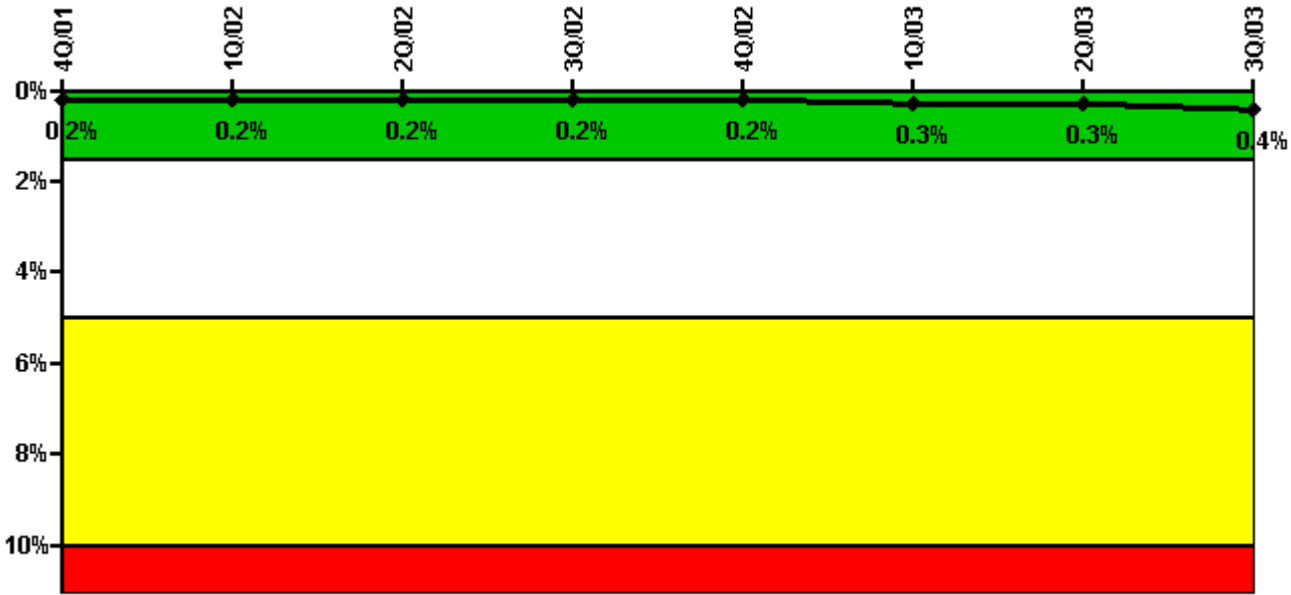
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Train 1								
Planned unavailable hours	0	0	0	0.73	0	0	1.13	5.40
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	68.72	2160.00	2184.00	2208.00	2209.00	2160.00	1731.15	2208.00
Train 2								
Planned unavailable hours	0	0	6.00	0	0	1.50	1.13	7.60
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	68.72	2160.00	2184.00	2208.00	2209.00	2160.00	1731.15	2208.00
Train 3								
Planned unavailable hours	0	11.67	0	0	9.00	21.17	5.57	18.70
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	68.72	2160.00	2184.00	2208.00	2209.00	2160.00	1731.15	2208.00
Indicator value	0.2%	0.2%	0.2%	0.1%	0.2%	0.2%	0.1%	0.2%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



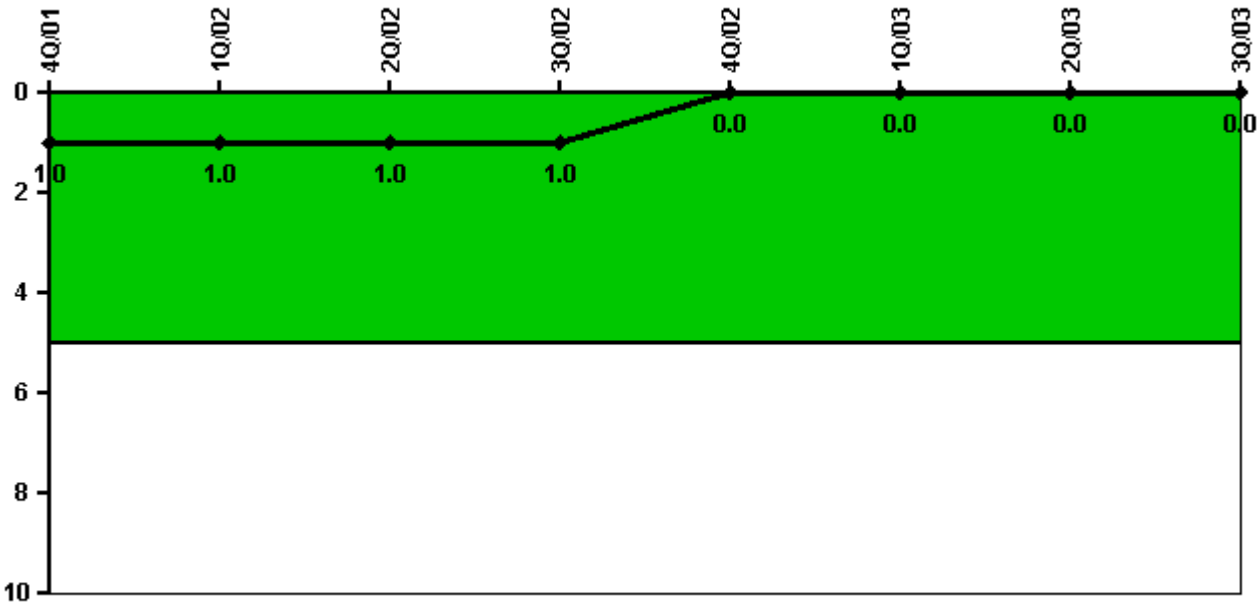
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

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	19.28	3.99	3.40	8.58	3.82	15.05	22.10
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	726.75	2160.00	2184.00	2208.00	2209.00	2160.00	2097.50	2208.00
Train 2								
Planned unavailable hours	0	4.40	14.97	0	1.82	28.20	3.47	9.90
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	726.75	2160.00	2184.00	2208.00	2209.00	2160.00	2097.50	2208.00
Indicator value	0.2%	0.2%	0.2%	0.2%	0.2%	0.3%	0.3%	0.4%

Licensee Comments: none

Safety System Functional Failures (PWR)



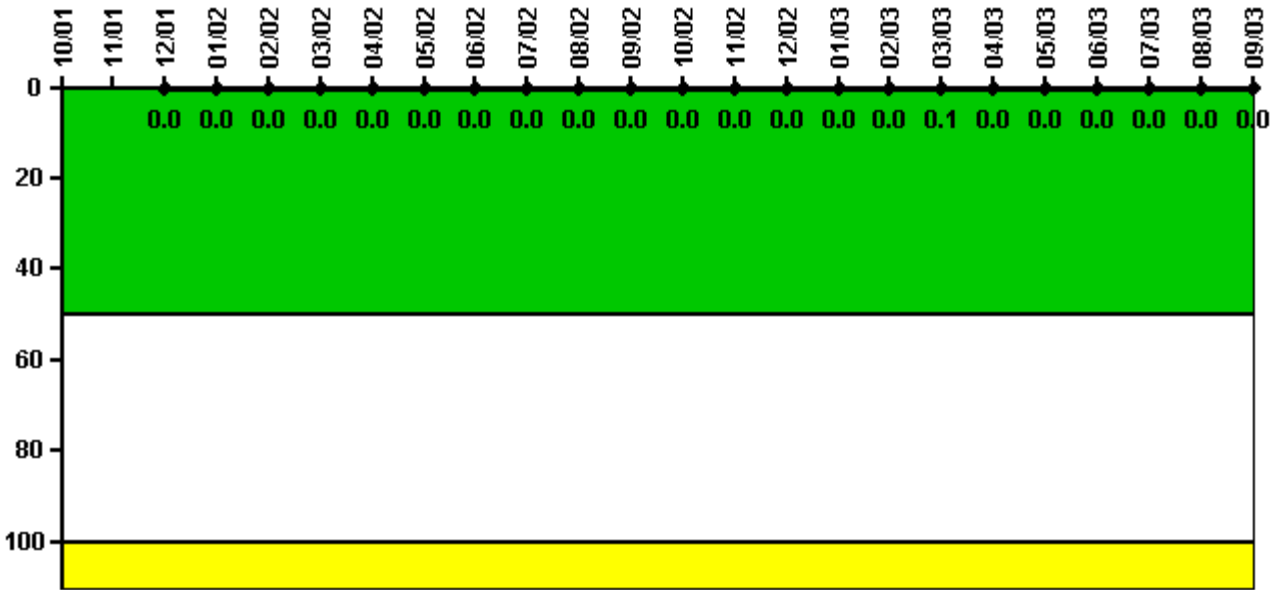
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

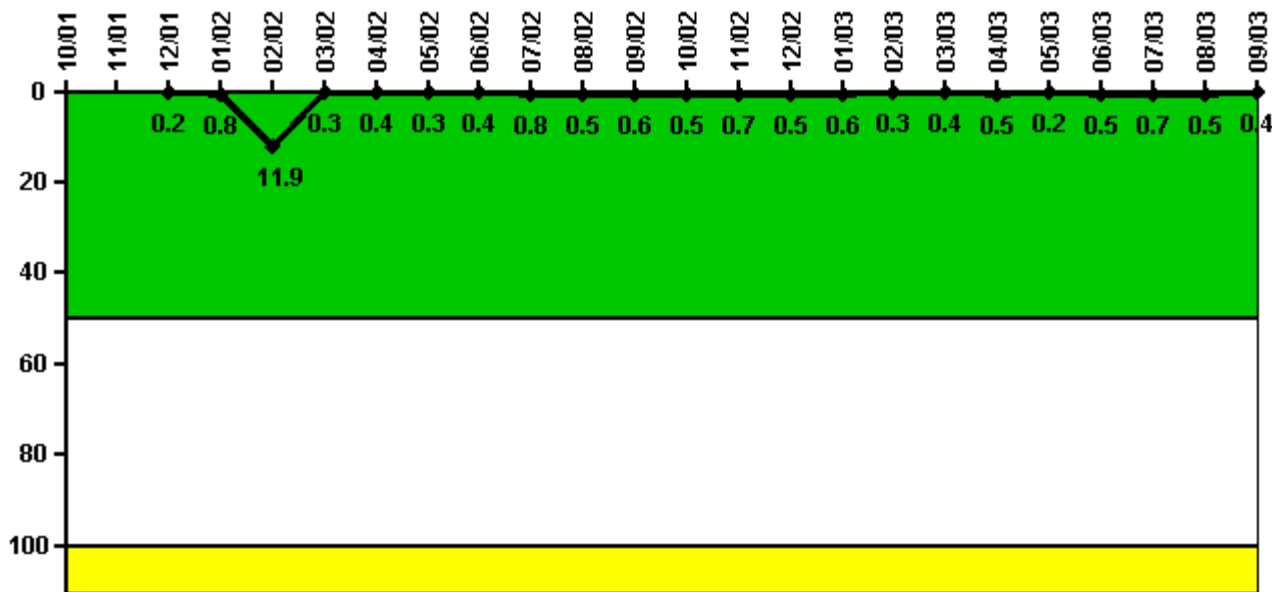
Notes

Reactor Coolant System Activity	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	N/A	N/A	0	0.000126	0.000197	0.000185	0.000241	0.000157	0.000212	0.000160	0.000165	0.000355
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	N/A	N/A	0	0	0	0	0	0	0	0	0	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	0.000189	0.000181	0.000187	0.000194	0.000199	0.000732	0.000208	0.000072	0.000086	0.000092	0.000103	0.000100
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0.1	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

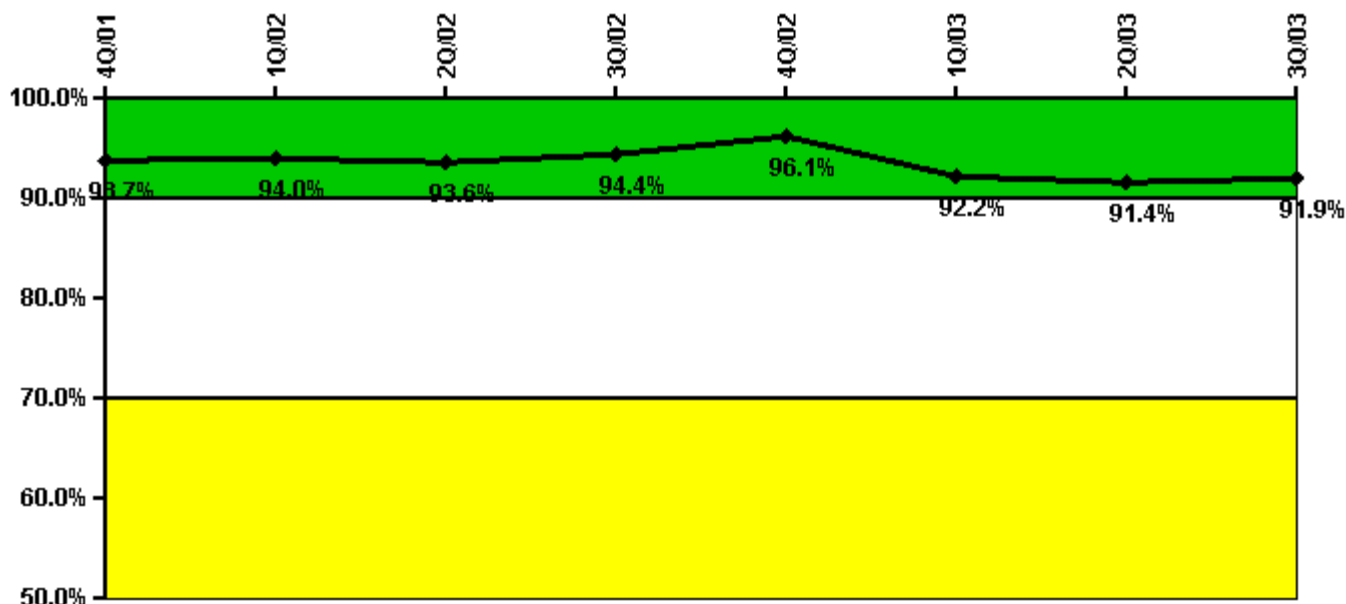
Notes

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	N/A	N/A	0.020	0.080	1.190	0.030	0.040	0.030	0.040	0.080	0.050	0.060
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	N/A	N/A	0.2	0.8	11.9	0.3	0.4	0.3	0.4	0.8	0.5	0.6

Reactor Coolant System Leakage	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03
Maximum leakage	0.050	0.070	0.050	0.060	0.030	0.040	0.050	0.020	0.050	0.070	0.050	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	0.7	0.5	0.6	0.3	0.4	0.5	0.2	0.5	0.7	0.5	0.4

Licensee Comments: none

Drill/Exercise Performance



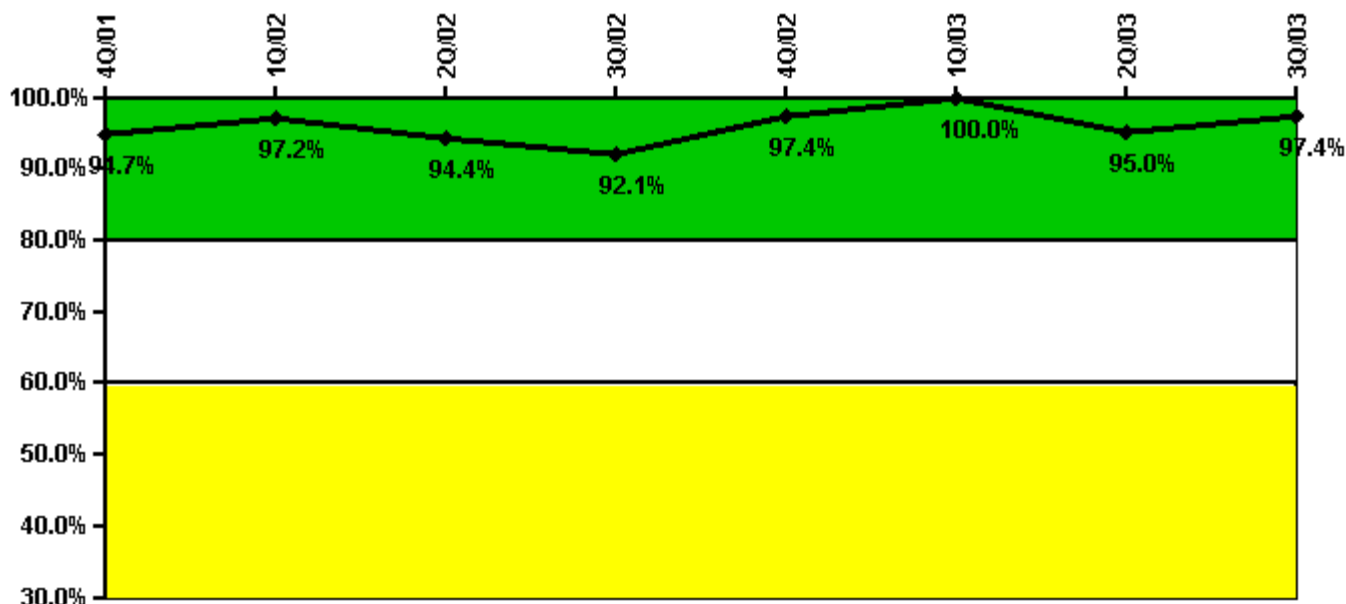
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Successful opportunities	2.0	52.0	10.0	18.0	26.0	63.0	37.0	20.0
Total opportunities	2.0	57.0	10.0	18.0	28.0	73.0	40.0	20.0
Indicator value	93.7%	94.0%	93.6%	94.4%	96.1%	92.2%	91.4%	91.9%

Licensee Comments: none

ERO Drill Participation



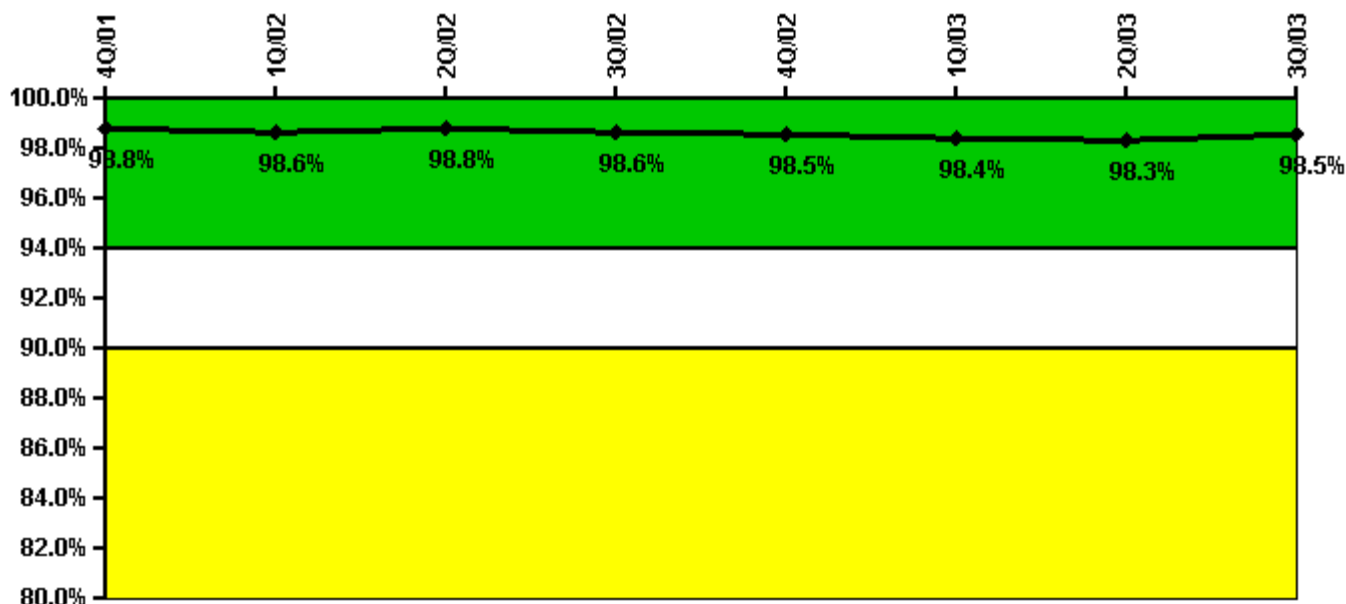
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Participating Key personnel	36.0	35.0	34.0	35.0	38.0	37.0	38.0	38.0
Total Key personnel	38.0	36.0	36.0	38.0	39.0	37.0	40.0	39.0
Indicator value	94.7%	97.2%	94.4%	92.1%	97.4%	100.0%	95.0%	97.4%

Licensee Comments: none

Alert & Notification System



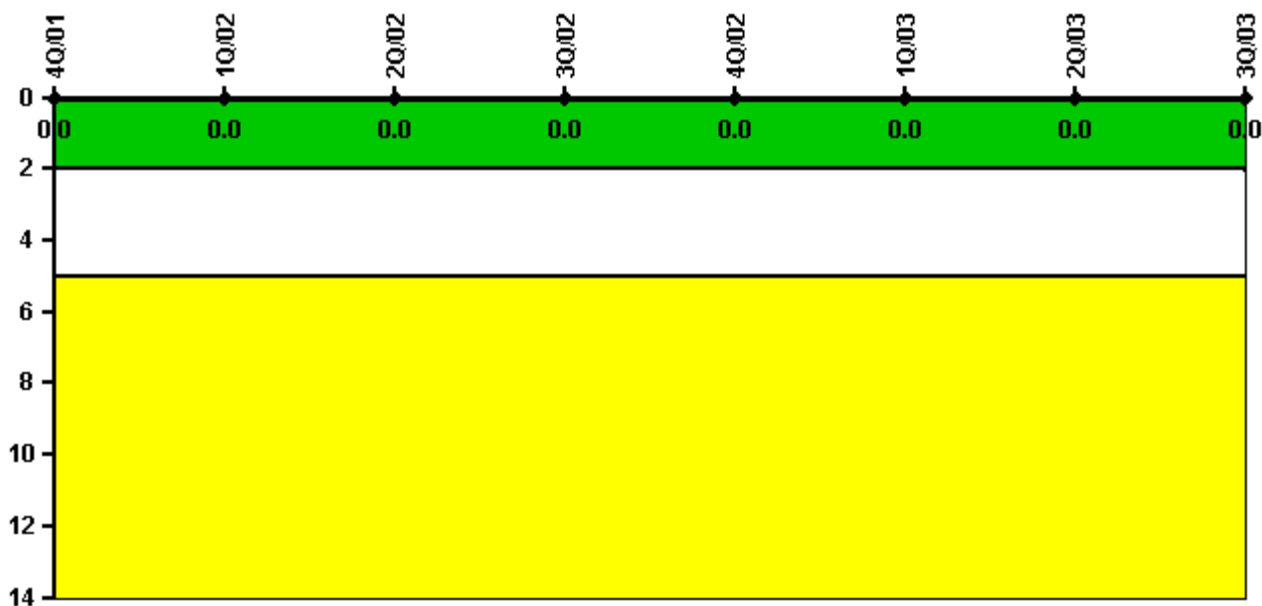
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Successful siren-tests	682	642	564	708	640	558	643	633
Total sirens-tests	689	648	567	729	648	567	648	648
Indicator value	98.8%	98.6%	98.8%	98.6%	98.5%	98.4%	98.3%	98.5%

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	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



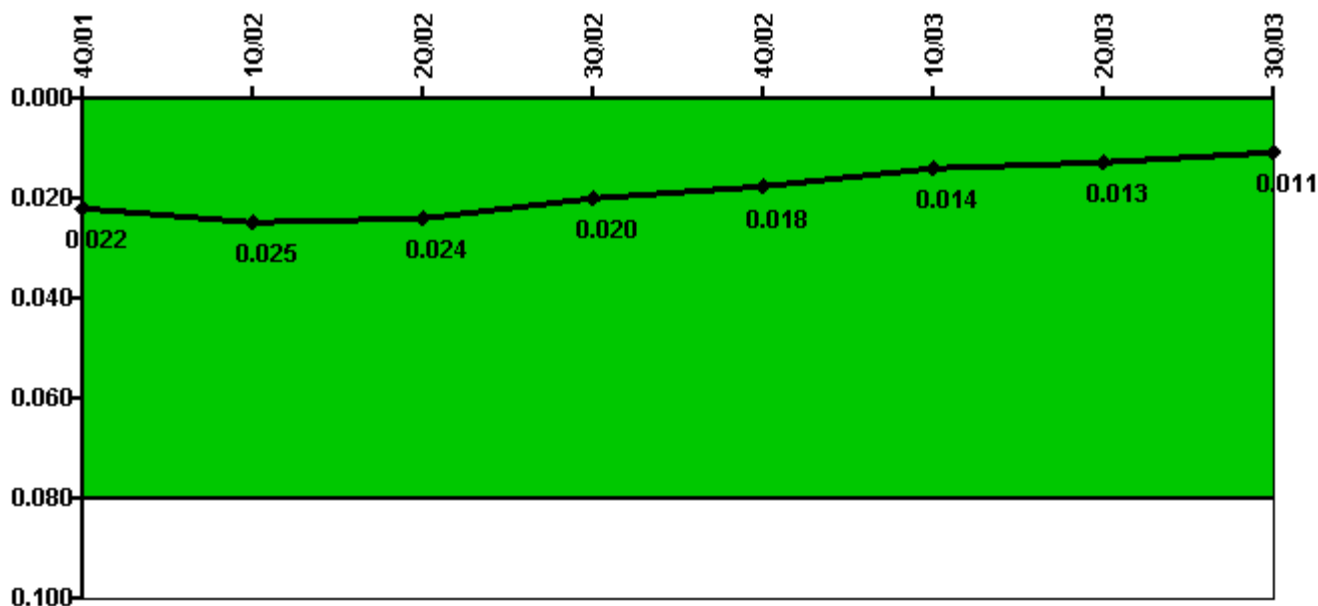
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/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



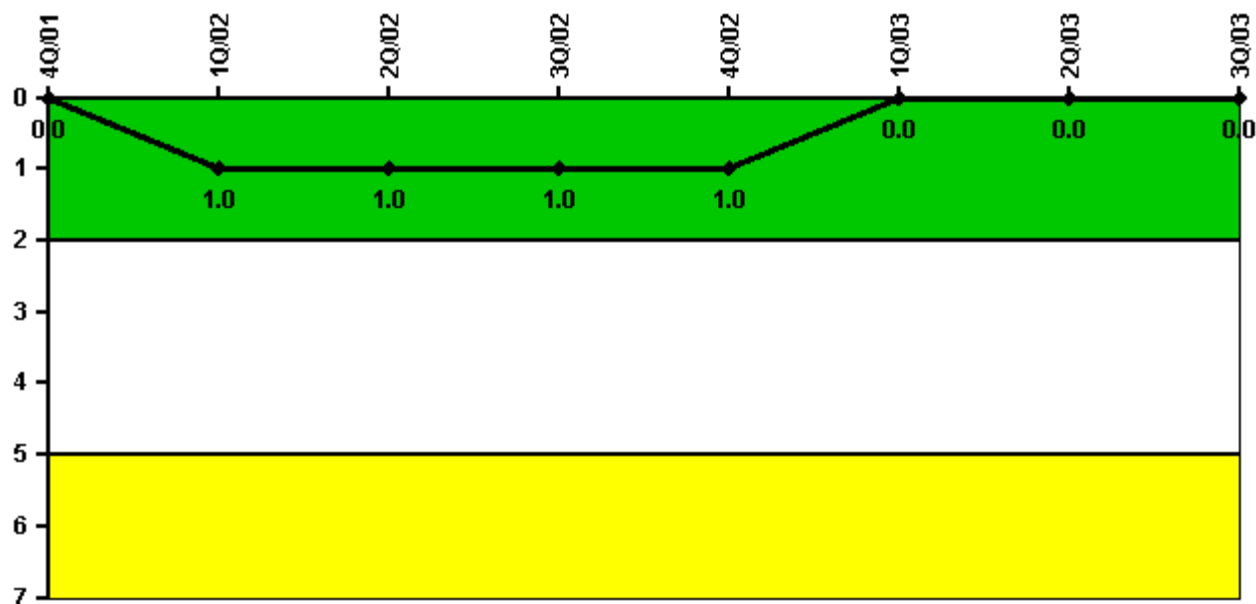
Thresholds: White > 0.080

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	250.40	353.08	184.08	229.30	133.90	77.00	144.61	127.39
CCTV compensatory hours	0	0	3.1	0	5.3	18.8	0	0
IDS normalization factor	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85
CCTV normalization factor	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
Index Value	0.022	0.025	0.024	0.020	0.018	0.014	0.013	0.011

Licensee Comments: none

Personnel Screening Program



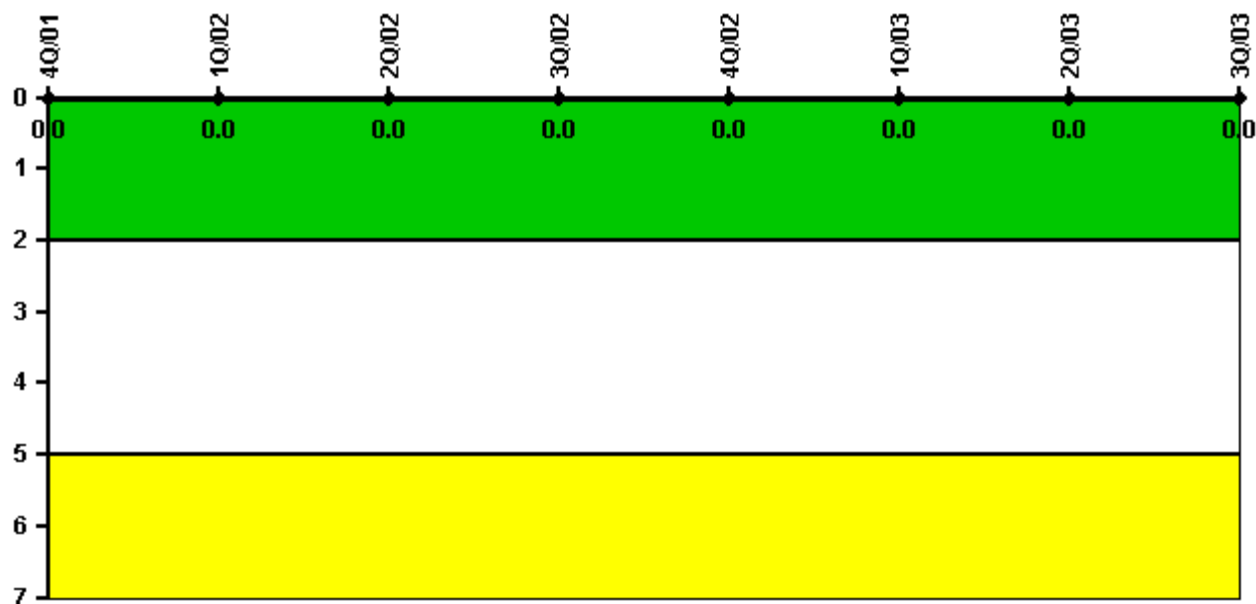
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

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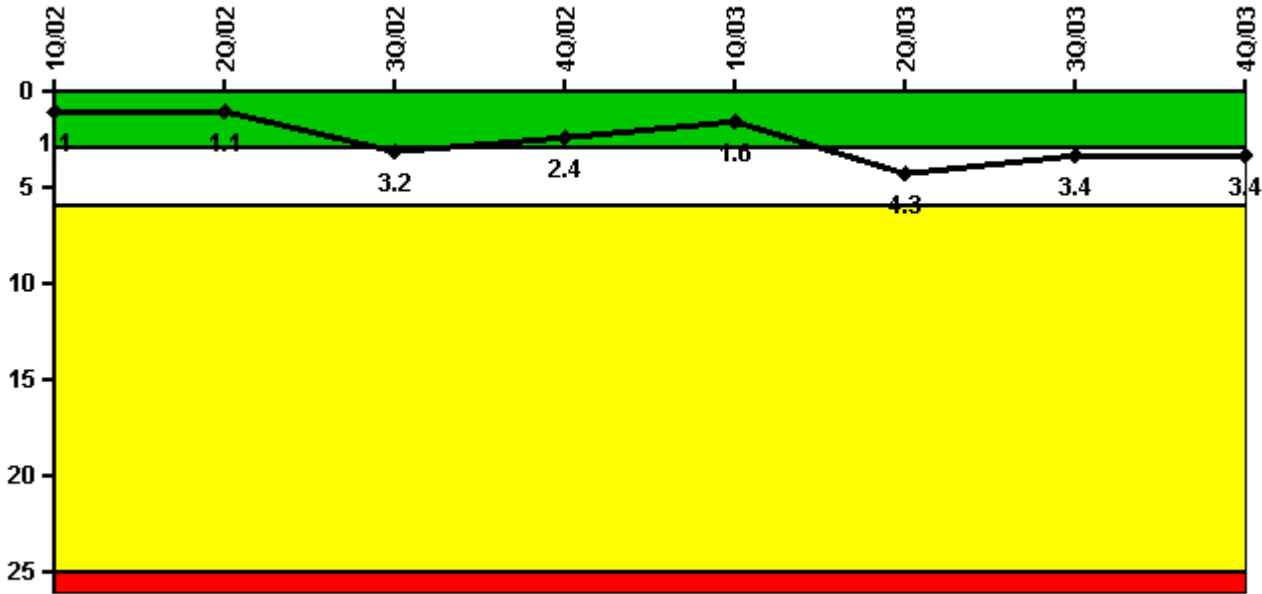
Last Modified: October 22, 2003

Harris 1

4Q/2003 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Unplanned scrams	1.0	0	2.0	0	0	3.0	1.0	0
Critical hours	2142.3	2184.0	2173.9	2209.0	2160.0	1605.6	2190.4	2209.0
Indicator value	1.1	1.1	3.2	2.4	1.6	4.3	3.4	3.4

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



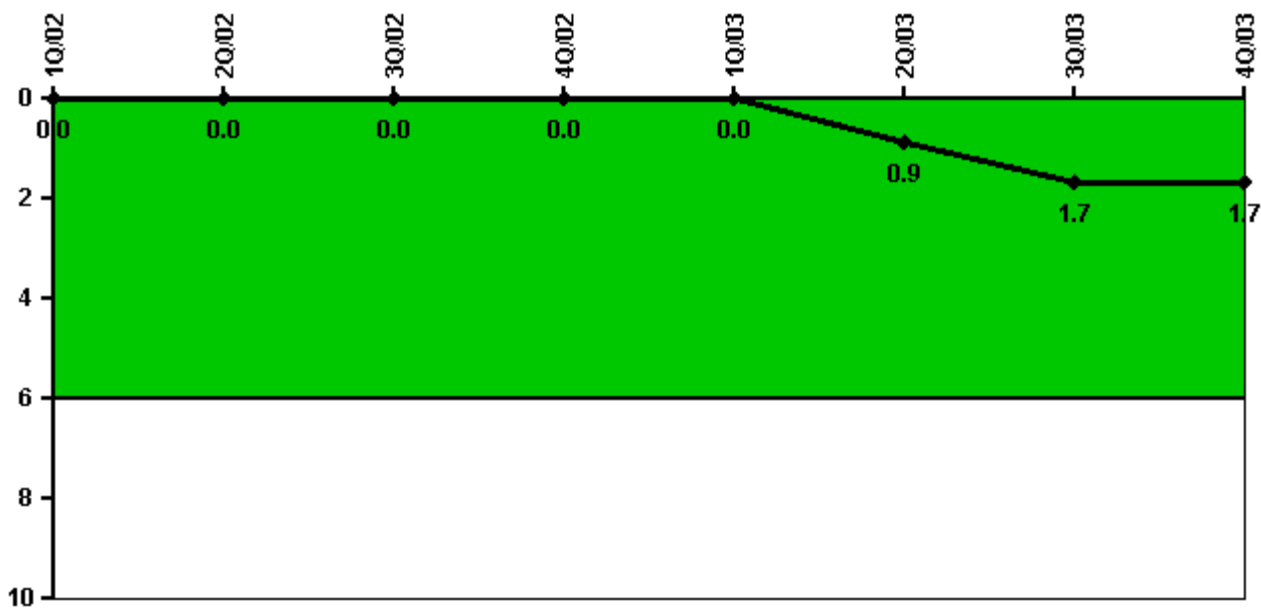
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

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	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/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Unplanned power changes	0	0	0	0	0	1.0	1.0	0
Critical hours	2142.3	2184.0	2173.9	2209.0	2160.0	1605.6	2190.4	2209.0
Indicator value	0	0	0	0	0	0.9	1.7	1.7

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



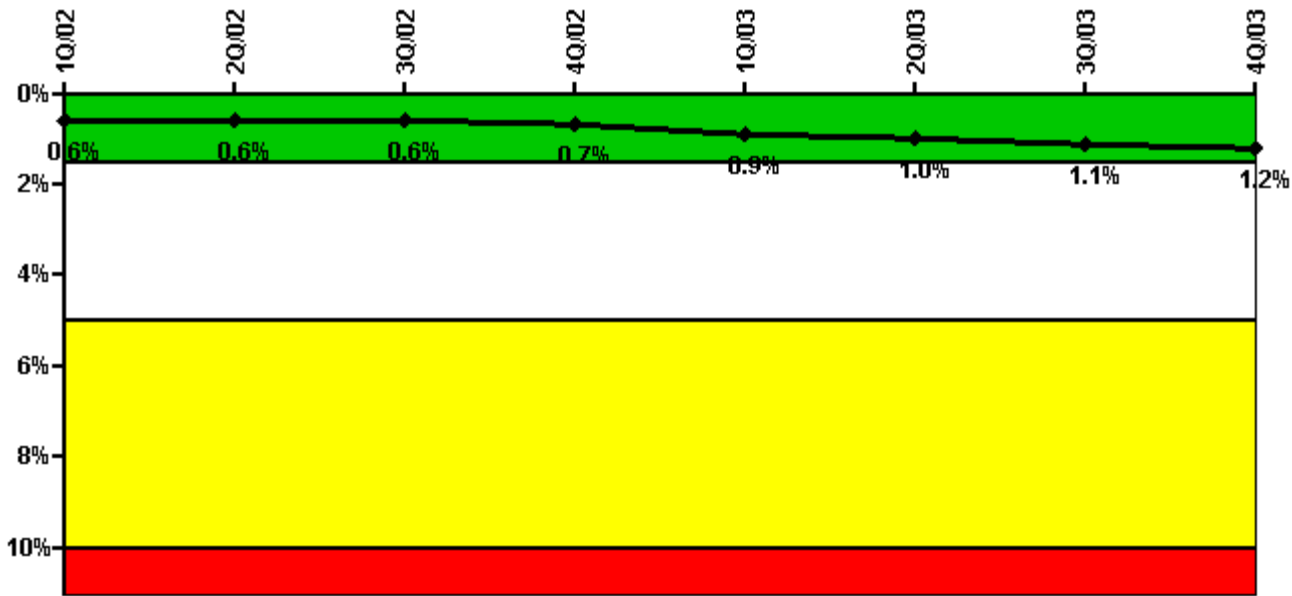
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Train 1								
Planned unavailable hours	16.98	4.48	10.47	11.20	1.97	17.75	33.50	20.74
Unplanned unavailable hours	0	0	0	3.20	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	2160.00	2184.00	2208.00	2209.00	2160.00	1859.58	2208.00	2209.00
Train 2								
Planned unavailable hours	14.29	12.35	1.43	17.25	24.03	2.57	68.78	8.45
Unplanned unavailable hours	0	11.95	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	2184.00	2208.00	2209.00	2160.00	2152.97	2208.00	2209.00
Indicator value	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.7%	0.8%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



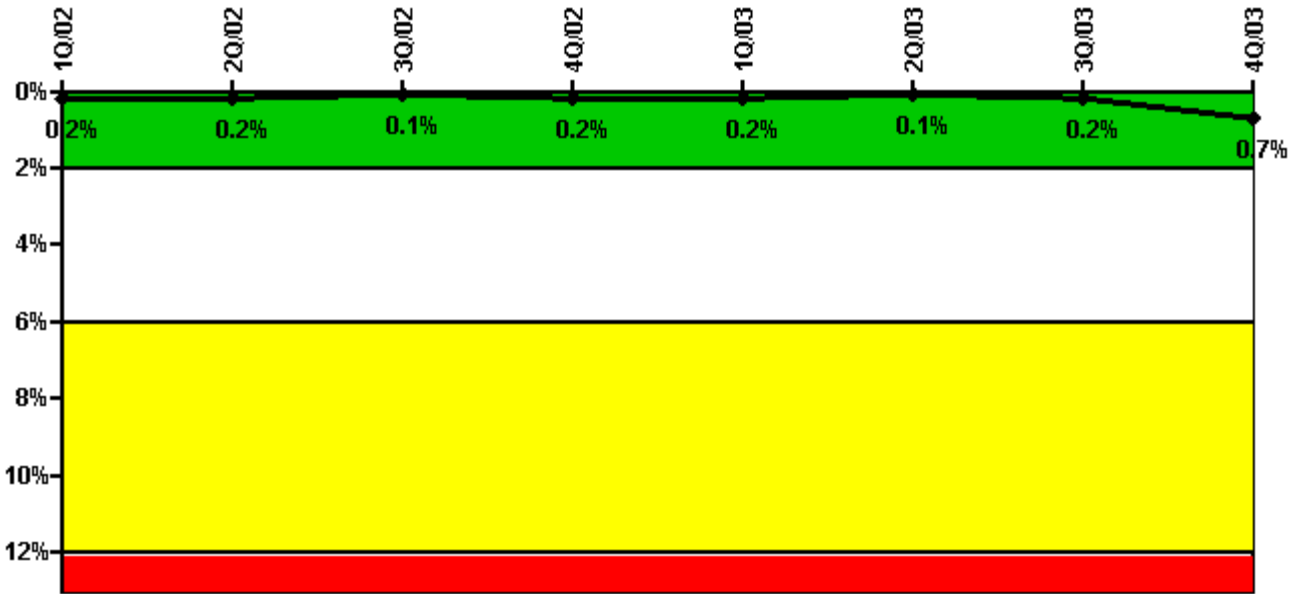
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Train 1								
Planned unavailable hours	29.17	16.07	18.05	15.22	71.33	19.50	49.10	31.40
Unplanned unavailable hours	10.45	0.55	0	18.73	0	0	0	8.60
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2184.00	2208.00	2209.00	2160.00	1830.60	2208.00	2209.00
Train 2								
Planned unavailable hours	10.90	22.90	16.13	6.68	37.72	15.00	22.30	20.00
Unplanned unavailable hours	0	0	0	0	7.65	0	0	0
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	2184.00	2208.00	2209.00	2160.00	1830.60	2208.00	2209.00
Indicator value	0.6%	0.6%	0.6%	0.7%	0.9%	1.0%	1.1%	1.2%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



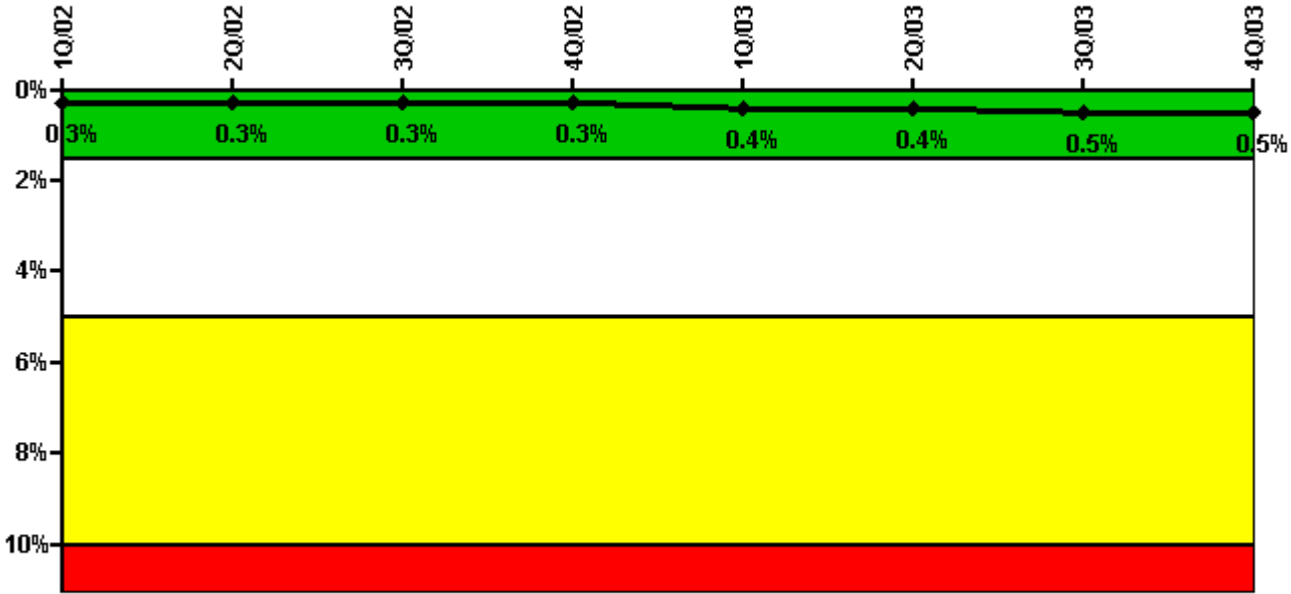
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Train 1								
Planned unavailable hours	0	0	0.73	0	0	1.13	5.40	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	2160.00	2184.00	2208.00	2209.00	2160.00	1731.15	2208.00	2209.00
Train 2								
Planned unavailable hours	0	6.00	0	0	1.50	1.13	7.60	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2184.00	2208.00	2209.00	2160.00	1731.15	2208.00	2209.00
Train 3								
Planned unavailable hours	11.67	0	0	9.00	21.80	5.57	19.50	0
Unplanned unavailable hours	0	1.20	0	0	0	0	0	27.50
Fault exposure hours	0	0	0	0	0	0	0	325.80
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2184.00	2208.00	2209.00	2160.00	1731.15	2208.00	2209.00
Indicator value	0.2%	0.2%	0.1%	0.2%	0.2%	0.1%	0.2%	0.7%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



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

Notes

Safety System Unavailability, Residual Heat Removal System	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Train 1								
Planned unavailable hours	19.28	3.99	3.40	8.58	3.82	15.05	22.10	7.40
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2184.00	2208.00	2209.00	2160.00	2097.50	2208.00	2209.00
Train 2								
Planned unavailable hours	4.40	14.97	0	1.82	28.20	3.47	9.90	10.80
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2184.00	2208.00	2209.00	2160.00	2097.50	2208.00	2209.00
Indicator value	0.3%	0.3%	0.3%	0.3%	0.4%	0.4%	0.5%	0.5%

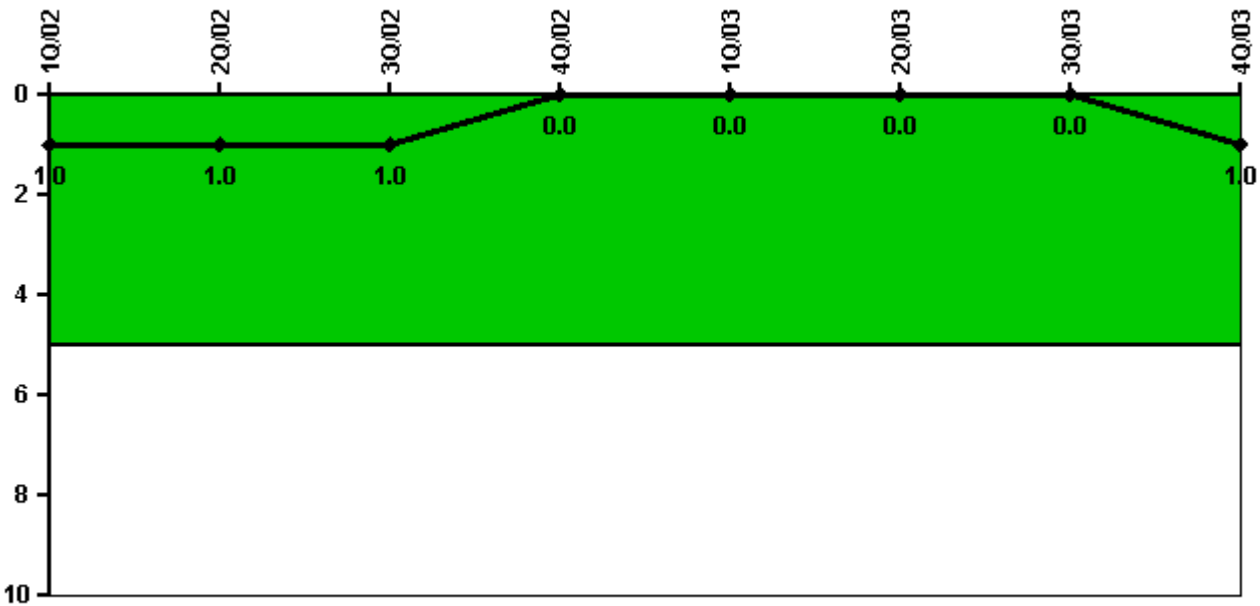
Licensee Comments:

4Q/01: The 3Q 2001 report for Residual Heat Removal (RHR) system included a note that stated that an investigation was in progress that may lead to additional unavailable hours being identified. The investigation resulted in LER 01-03-00 "1A-SA Residual Heat Removal Suction Line Debris" dated 11/27/01. This condition is

considered to be a historical design issue.

3Q/01: An investigation is currently underway that may require a revision to the hours reported for 1A-SA RHR Train for the current and previous quarters. Correction submitted with March data: Added 4.7 additional planned unavailability hours for Train 1 for July 2001 due to MOV preventive maintenance on the CCW system.

Safety System Functional Failures (PWR)



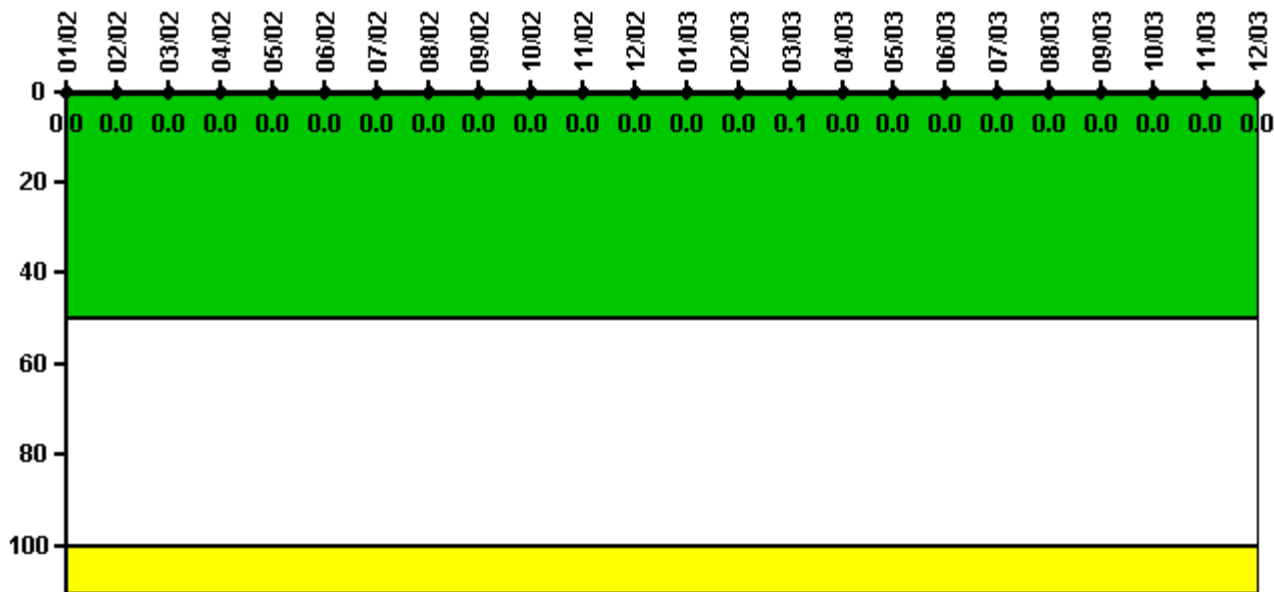
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

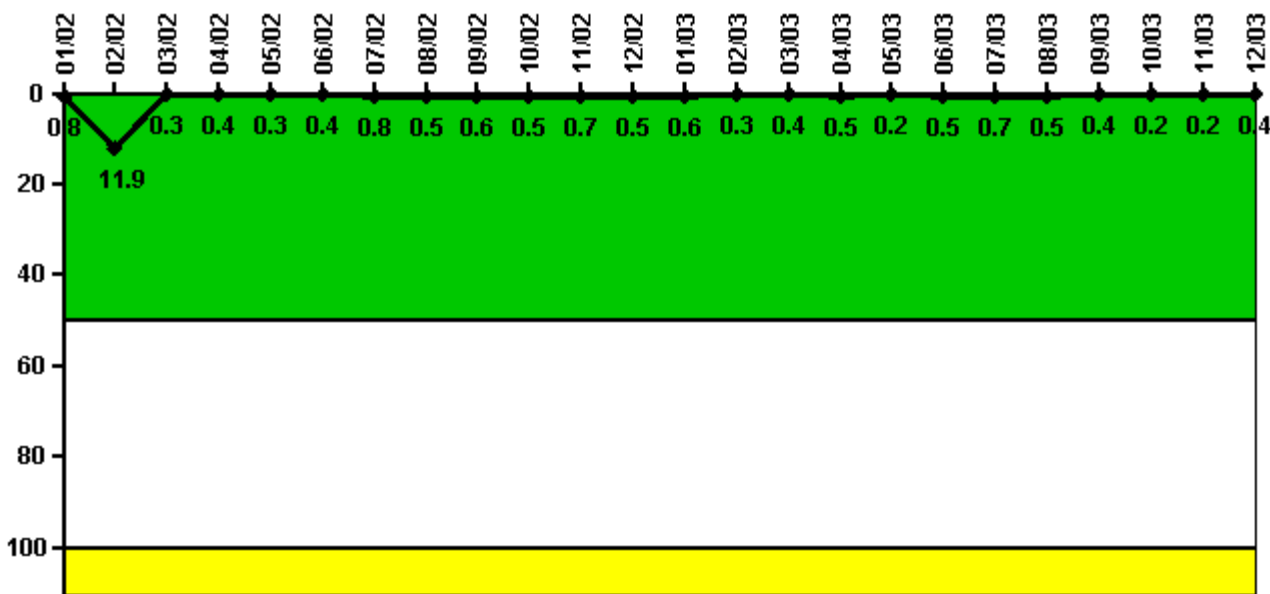
Notes

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	0.000126	0.000197	0.000185	0.000241	0.000157	0.000212	0.000160	0.000165	0.000355	0.000189	0.000181	0.000187
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	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	0.000194	0.000199	0.000732	0.000208	0.000072	0.000086	0.000092	0.000103	0.000100	0.000173	0.000099	0.000103
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0.1	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

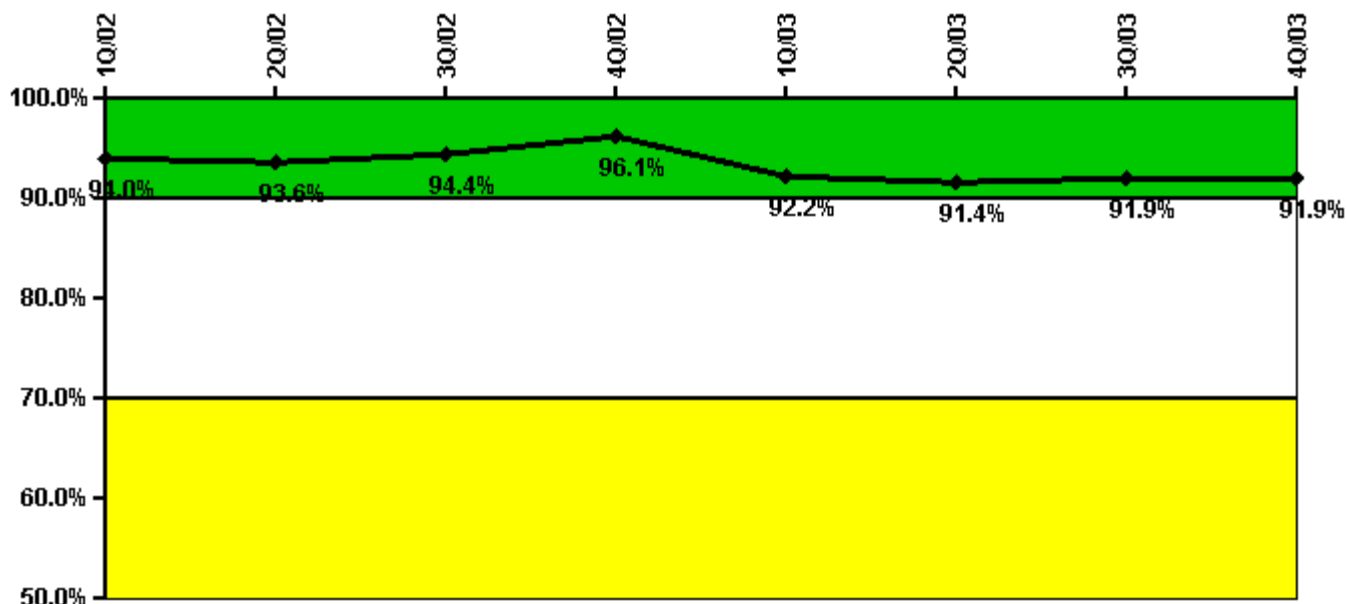
Notes

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	0.080	1.190	0.030	0.040	0.030	0.040	0.080	0.050	0.060	0.050	0.070	0.050
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.8	11.9	0.3	0.4	0.3	0.4	0.8	0.5	0.6	0.5	0.7	0.5

Reactor Coolant System Leakage	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03
Maximum leakage	0.060	0.030	0.040	0.050	0.020	0.050	0.070	0.050	0.040	0.020	0.020	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.6	0.3	0.4	0.5	0.2	0.5	0.7	0.5	0.4	0.2	0.2	0.4

Licensee Comments: none

Drill/Exercise Performance



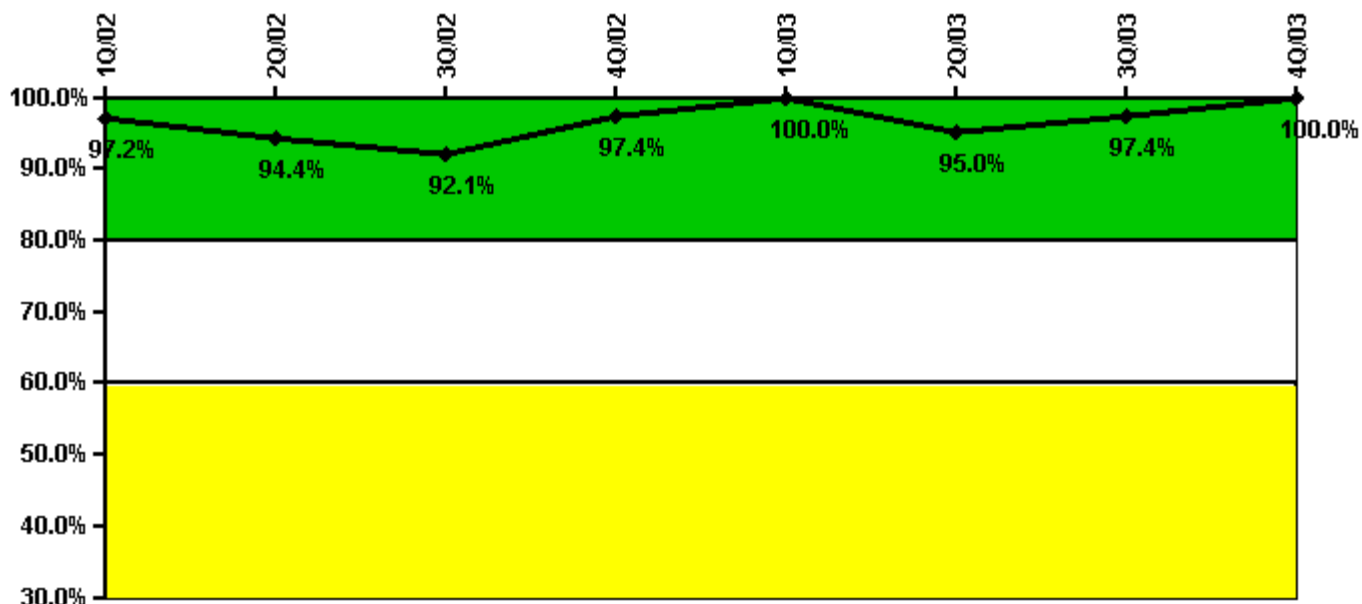
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Successful opportunities	52.0	10.0	18.0	26.0	63.0	37.0	20.0	23.0
Total opportunities	57.0	10.0	18.0	28.0	73.0	40.0	20.0	25.0
Indicator value	94.0%	93.6%	94.4%	96.1%	92.2%	91.4%	91.9%	91.9%

Licensee Comments: none

ERO Drill Participation



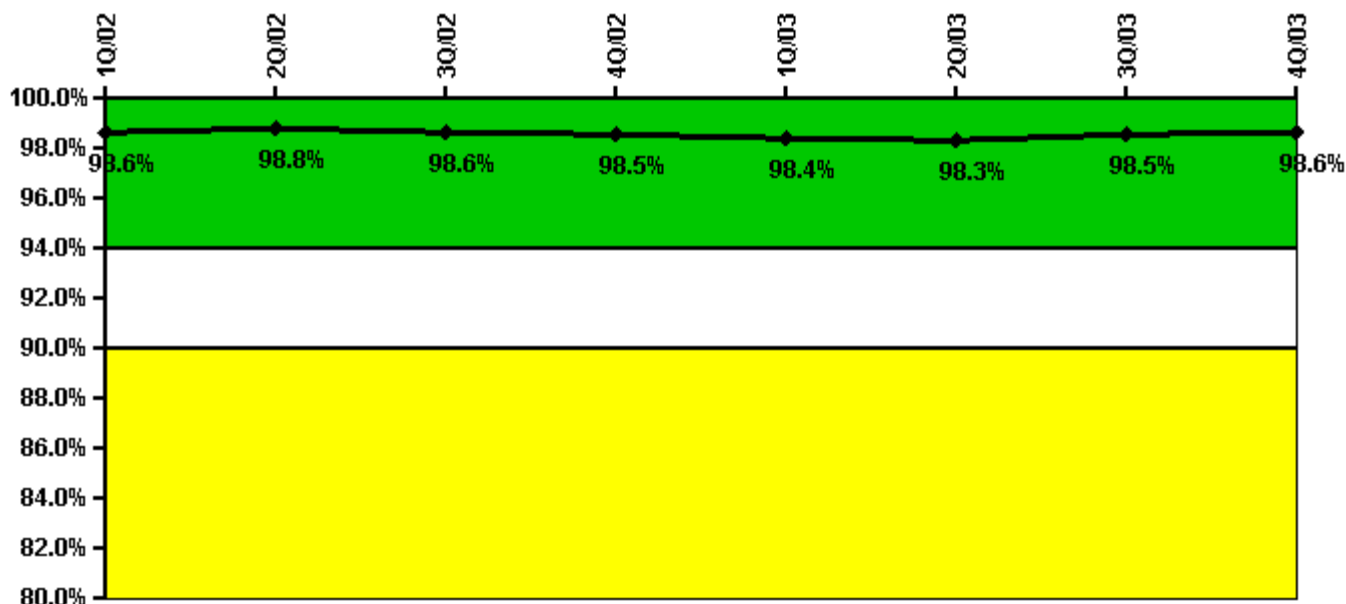
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Participating Key personnel	35.0	34.0	35.0	38.0	37.0	38.0	38.0	36.0
Total Key personnel	36.0	36.0	38.0	39.0	37.0	40.0	39.0	36.0
Indicator value	97.2%	94.4%	92.1%	97.4%	100.0%	95.0%	97.4%	100.0%

Licensee Comments: none

Alert & Notification System



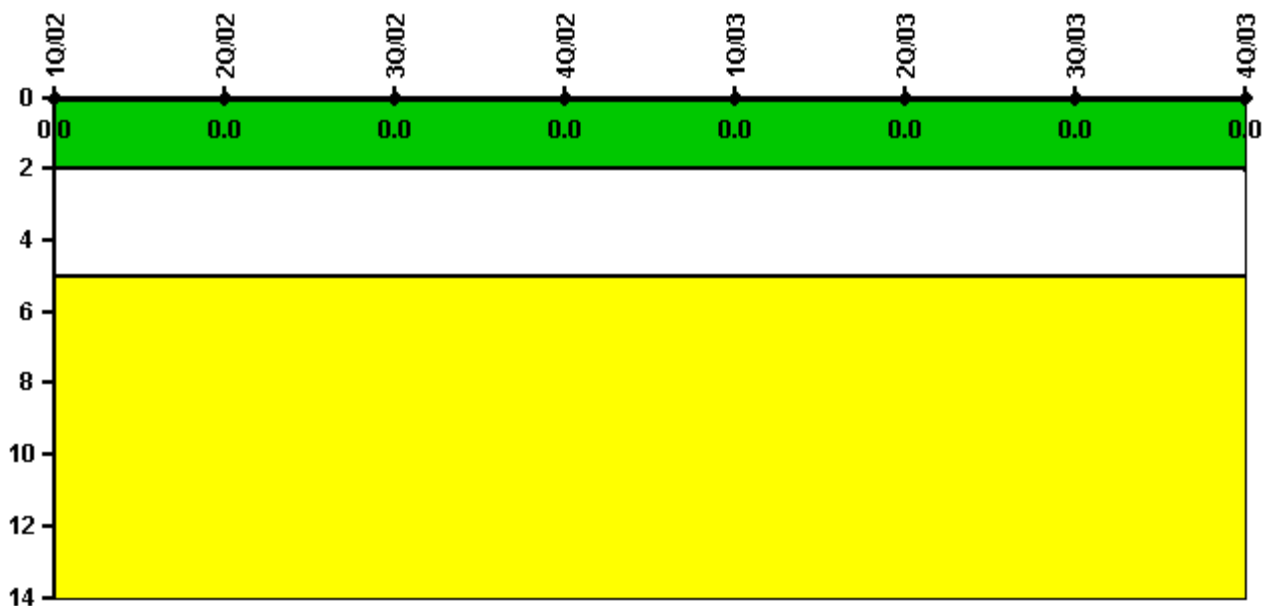
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Successful siren-tests	642	564	708	640	558	643	633	642
Total sirens-tests	648	567	729	648	567	648	648	648
Indicator value	98.6%	98.8%	98.6%	98.5%	98.4%	98.3%	98.5%	98.6%

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	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



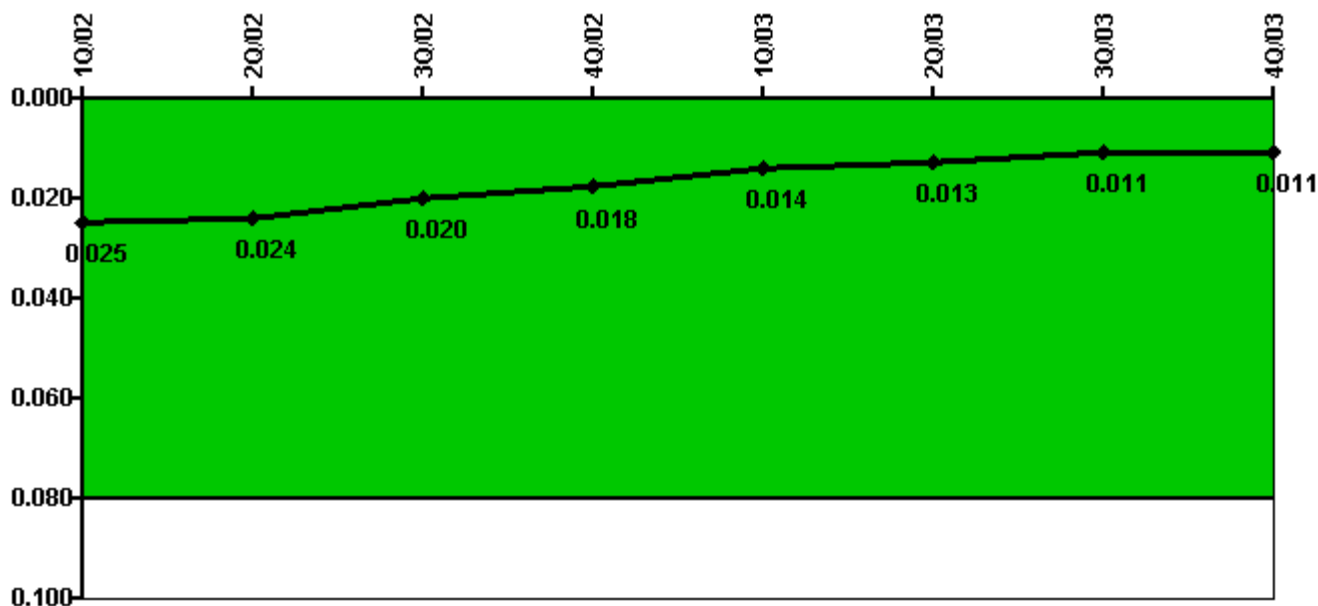
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/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



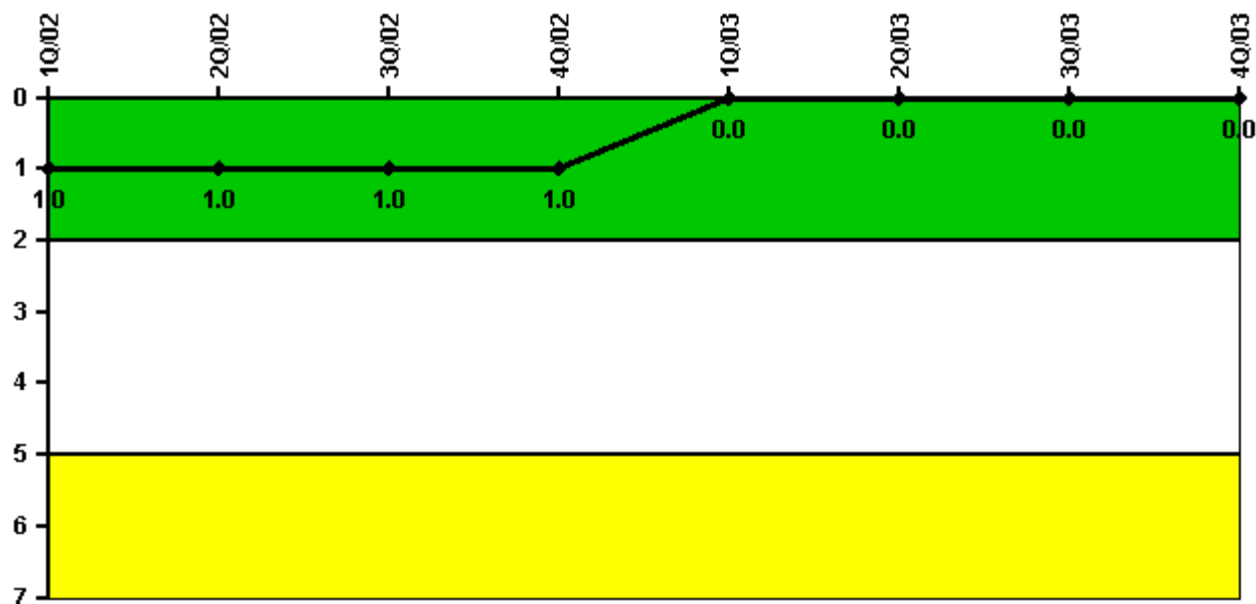
Thresholds: White > 0.080

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	353.08	184.08	229.30	133.90	77.00	144.61	127.39	143.58
CCTV compensatory hours	0	3.1	0	5.3	18.8	0	0	0
IDS normalization factor	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85
CCTV normalization factor	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
Index Value	0.025	0.024	0.020	0.018	0.014	0.013	0.011	0.011

Licensee Comments: none

Personnel Screening Program



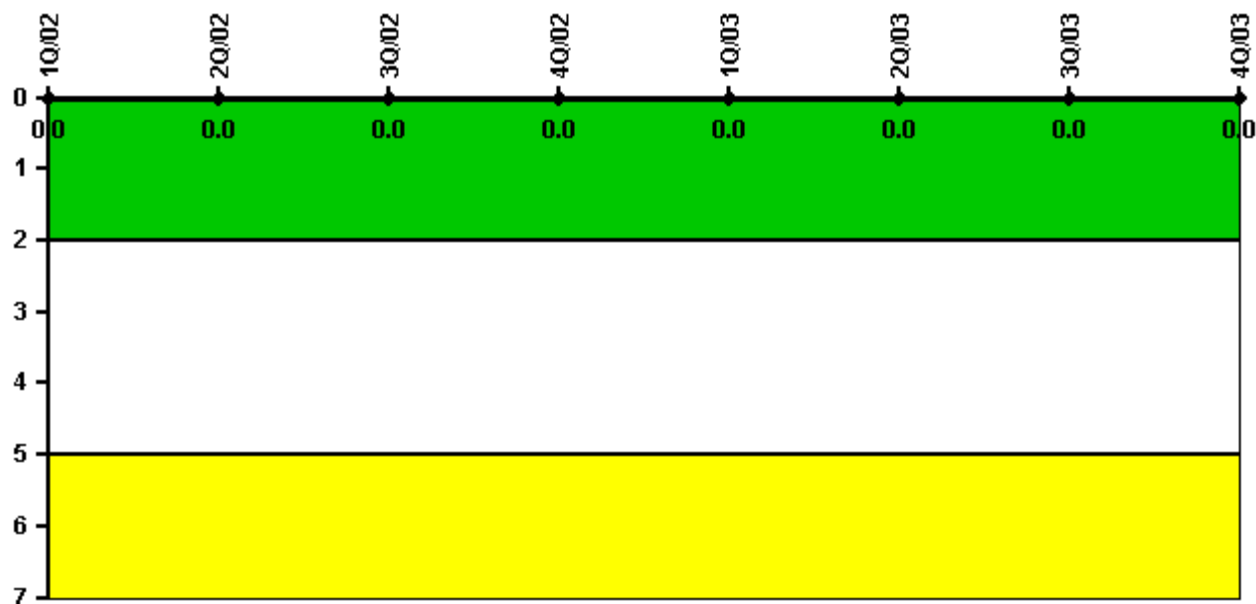
Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Program failures	1	0	0	0	0	0	0	0
Indicator value	1	1	1	1	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](#)

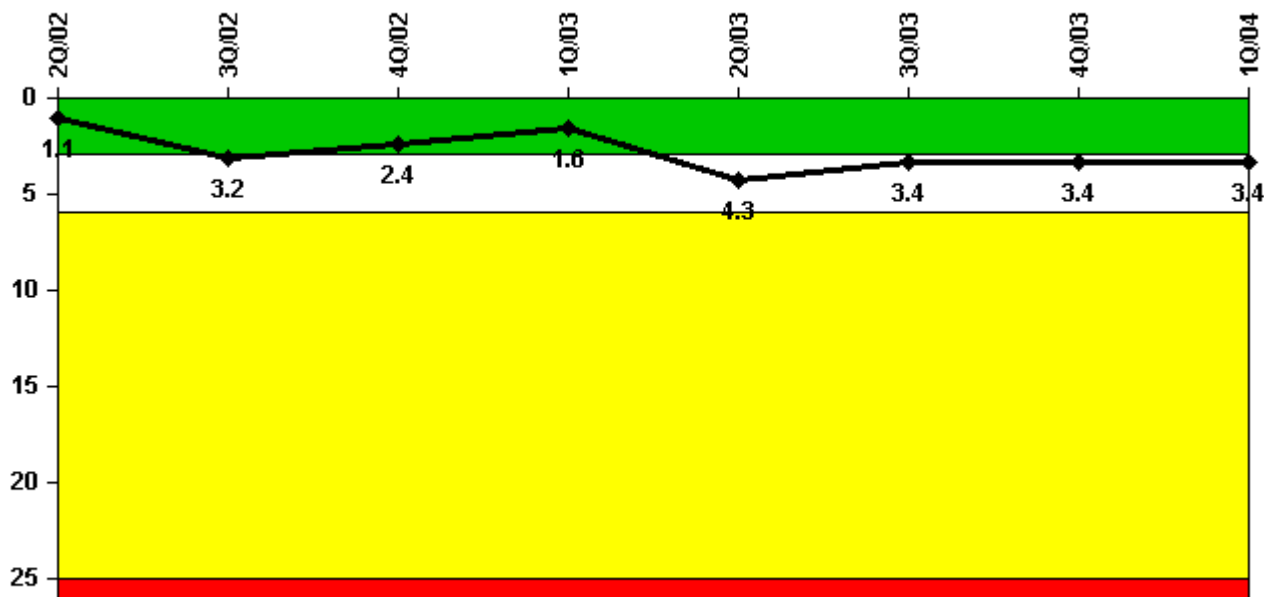
Last Modified: January 23, 2004

Harris 1

1Q/2004 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



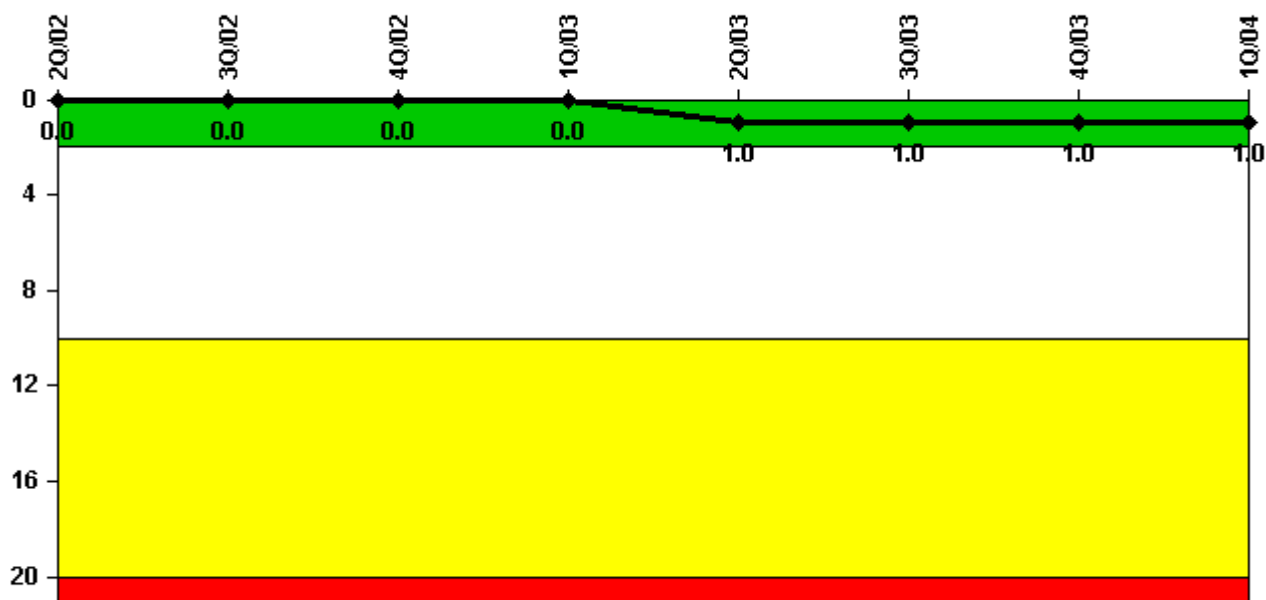
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Unplanned scrams	0	2.0	0	0	3.0	1.0	0	0
Critical hours	2184.0	2173.9	2209.0	2160.0	1605.6	2190.4	2209.0	2184.0
Indicator value	1.1	3.2	2.4	1.6	4.3	3.4	3.4	3.4

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



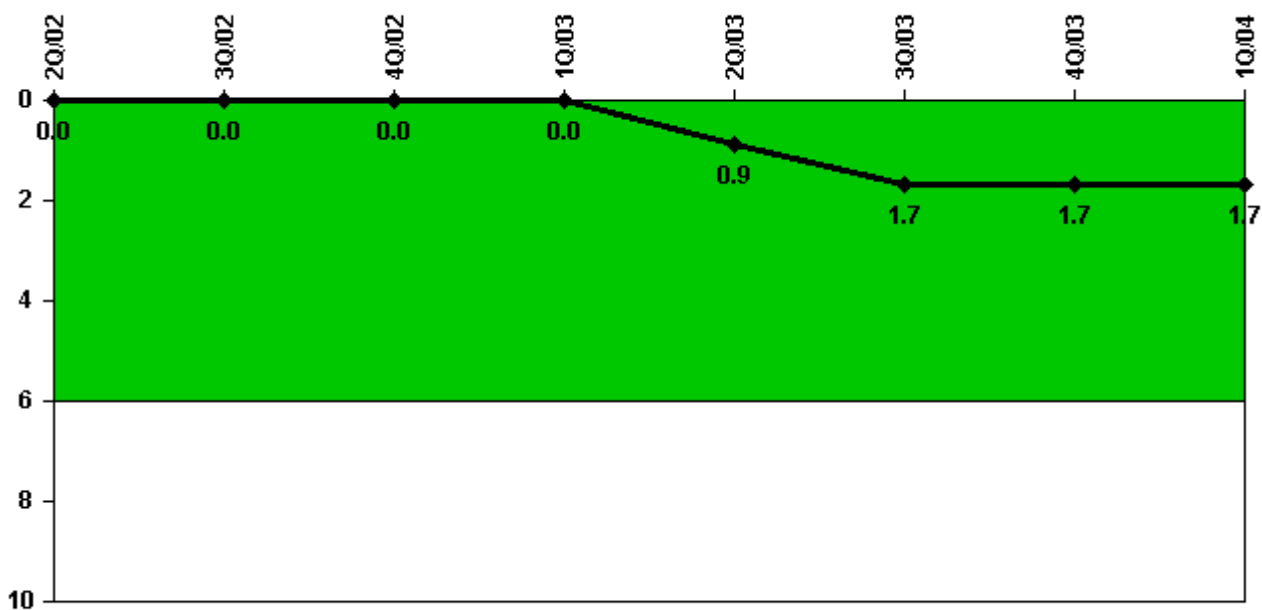
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



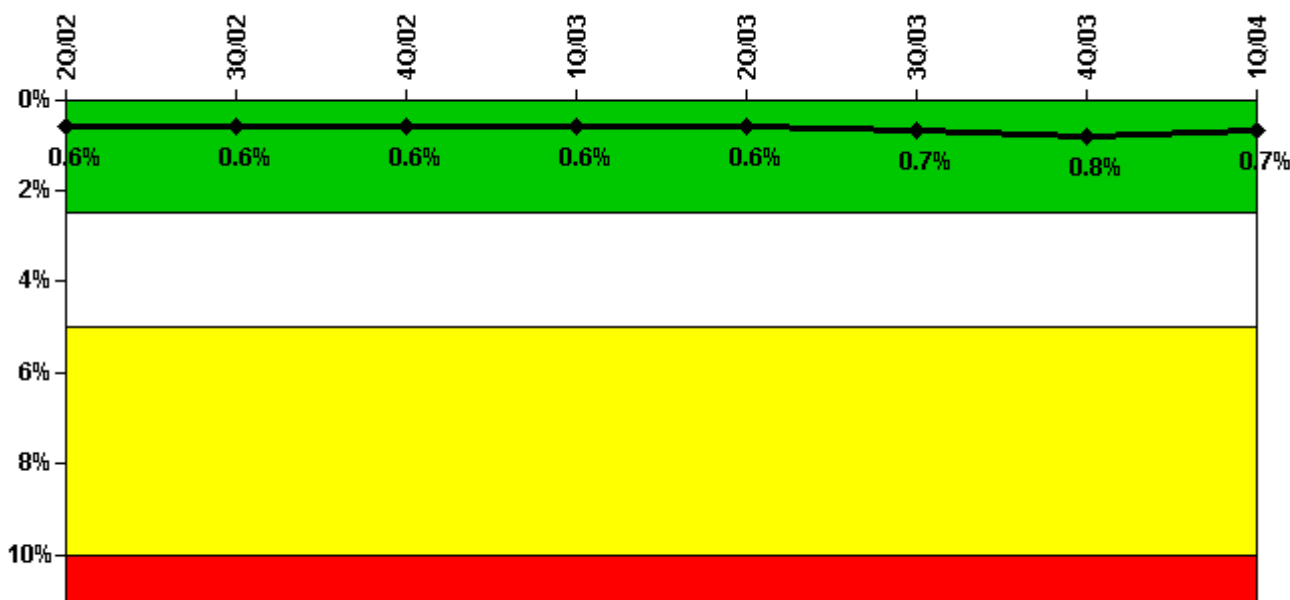
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Unplanned power changes	0	0	0	0	1.0	1.0	0	0
Critical hours	2184.0	2173.9	2209.0	2160.0	1605.6	2190.4	2209.0	2184.0
Indicator value	0	0	0	0	0.9	1.7	1.7	1.7

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



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

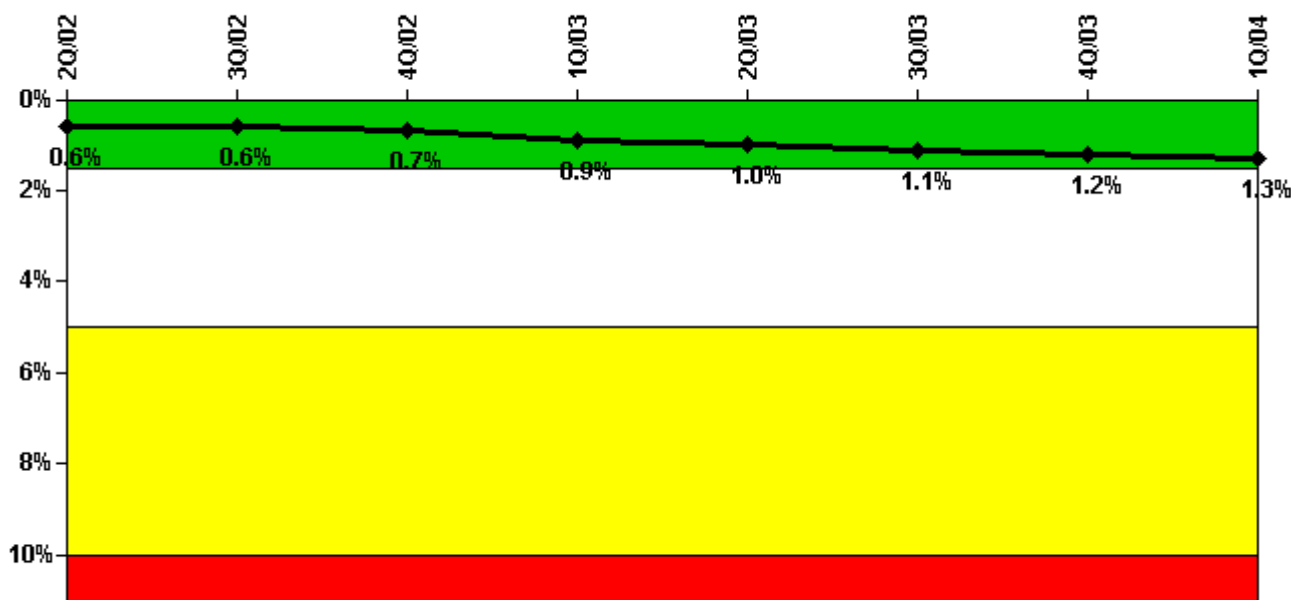
Notes

Safety System Unavailability, Emergency AC Power	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	4.48	10.47	11.20	1.97	17.75	33.50	20.74	1.78
Unplanned unavailable hours	0	0	3.20	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	2184.00	2208.00	2209.00	2160.00	1859.58	2208.00	2209.00	2184.00
Train 2								
Planned unavailable hours	12.35	1.43	17.25	24.03	2.57	68.78	8.45	20.37
Unplanned unavailable hours	11.95	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	2208.00	2209.00	2160.00	2152.97	2208.00	2209.00	2184.00
Indicator value	0.6%	0.6%	0.6%	0.6%	0.6%	0.7%	0.8%	0.7%

Licensee Comments:

1Q/04: Engineering evaluation pending regarding safety system unavailability during SSPS testing.

Safety System Unavailability, High Pressure Injection System (HPSI)



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

Notes

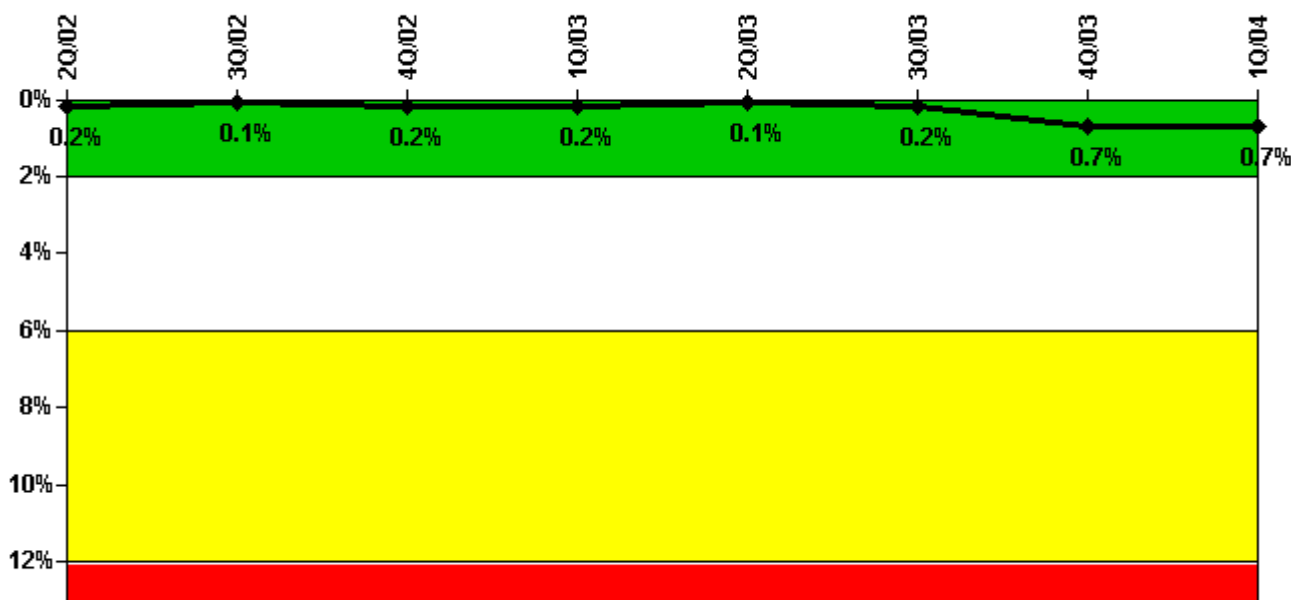
Safety System Unavailability, High Pressure Injection System (HPSI)	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	16.07	18.05	15.22	71.59	19.50	49.10	38.38	33.70
Unplanned unavailable hours	0.55	0	18.73	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2208.00	2209.00	2160.00	1830.60	2208.00	2209.00	2184.00
Train 2								
Planned unavailable hours	22.90	16.13	6.68	37.72	15.43	22.30	20.00	8.20
Unplanned unavailable hours	0	0	0	7.65	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	2208.00	2209.00	2160.00	1830.60	2208.00	2209.00	2184.00
Indicator value	0.6%	0.6%	0.7%	0.9%	1.0%	1.1%	1.2%	1.3%

Licensee Comments:

1Q/04: Engineering evaluation pending regarding safety system unavailability during SSPS testing. Change file submitted for Q1/2003, Q2/2003 and Q4/2003 to incorporate unreported unavailability. These changes do not affect the color of the indicator.

1Q/04: Engineering evaluation pending regarding safety system unavailability during SSPS testing.

Safety System Unavailability, Heat Removal System (AFW)



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

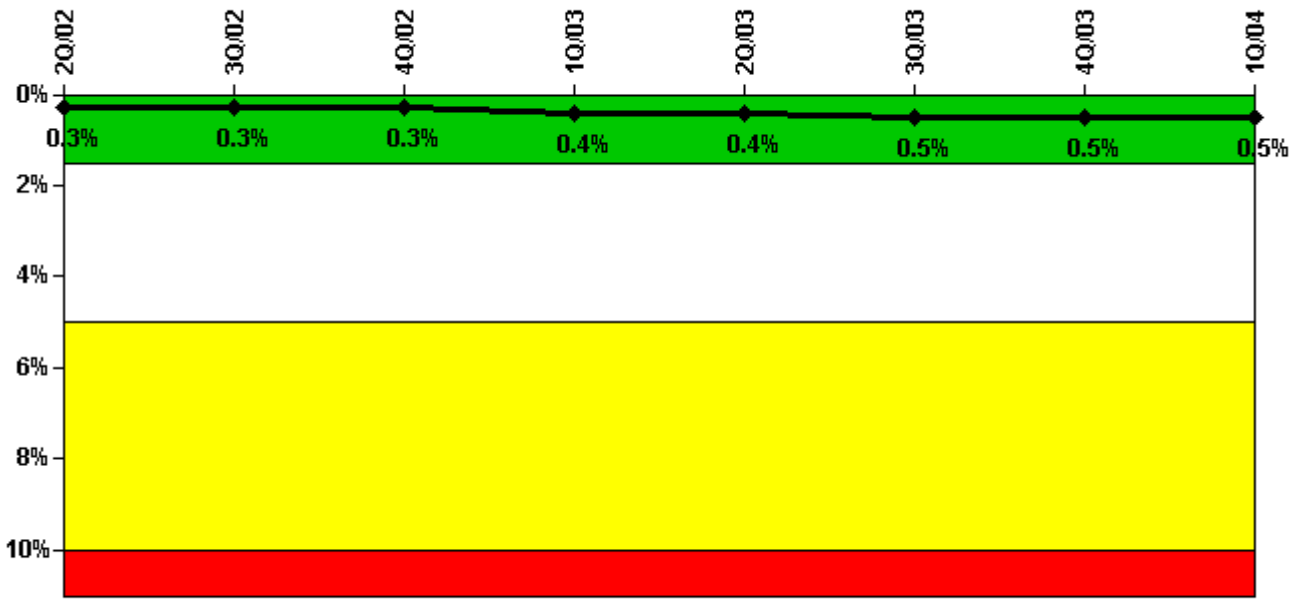
Notes

Safety System Unavailability, Heat Removal System (AFW)	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	0	0.73	0	0	1.13	5.40	0	7.70
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2208.00	2209.00	2160.00	1731.15	2208.00	2209.00	2184.00
Train 2								
Planned unavailable hours	6.00	0	0	1.50	1.13	7.60	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	2208.00	2209.00	2160.00	1731.15	2208.00	2209.00	2184.00
Train 3								
Planned unavailable hours	0	0	9.00	21.80	5.57	19.50	0	0
Unplanned unavailable hours	1.20	0	0	0	0	0	27.50	0
Fault exposure hours	0	0	0	0	0	0	325.80	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2208.00	2209.00	2160.00	1731.15	2208.00	2209.00	2184.00
Indicator value	0.2%	0.1%	0.2%	0.2%	0.1%	0.2%	0.7%	0.7%

Licensee Comments:

1Q/04: Engineering evaluation pending regarding safety system unavailability during SSPS testing.

Safety System Unavailability, Residual Heat Removal System



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

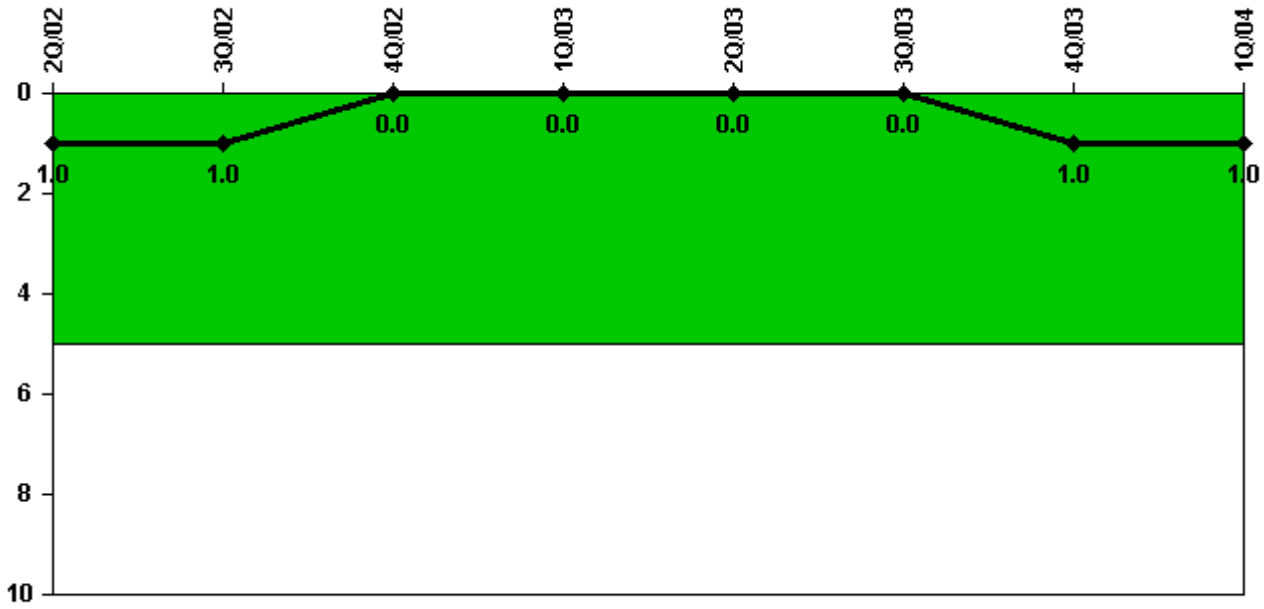
Notes

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	3.99	3.40	8.58	3.82	15.05	22.10	7.40	12.70
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2208.00	2209.00	2160.00	2097.50	2208.00	2209.00	2184.00
Train 2								
Planned unavailable hours	14.97	0	1.82	28.20	3.47	9.90	10.80	0.60
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	2184.00	2208.00	2209.00	2160.00	2097.50	2208.00	2209.00	2184.00
Indicator value	0.3%	0.3%	0.3%	0.4%	0.4%	0.5%	0.5%	0.5%

Licensee Comments:

1Q/04: Engineering evaluation pending regarding safety system unavailability during SSPS testing.

Safety System Functional Failures (PWR)



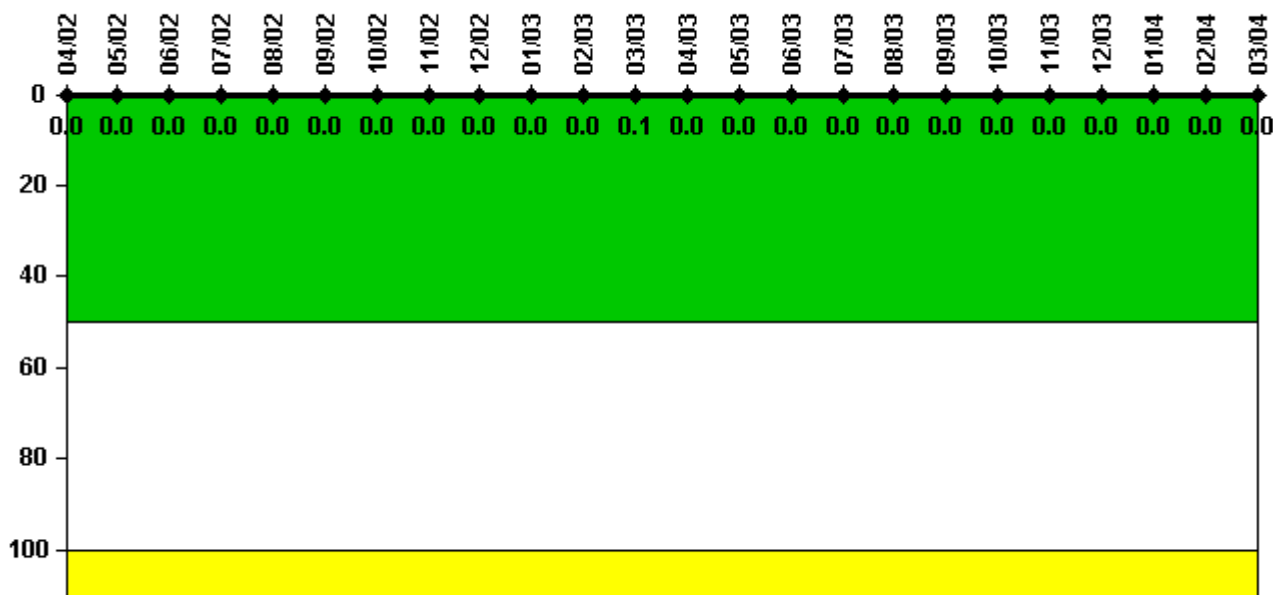
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

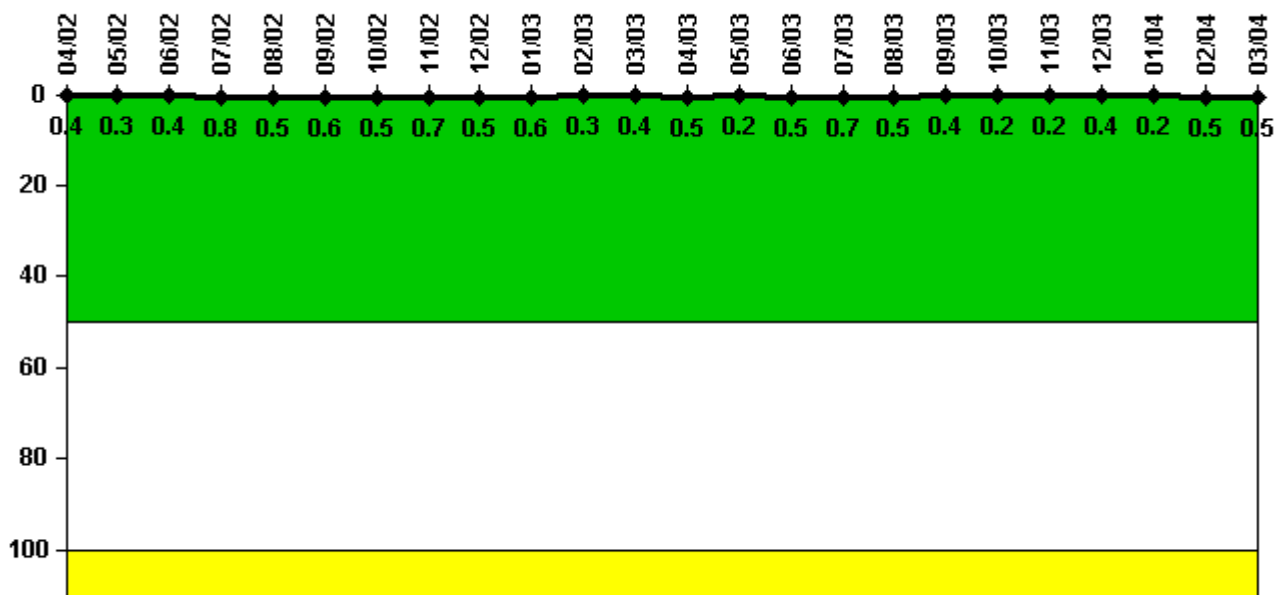
Notes

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	0.000241	0.000157	0.000212	0.000160	0.000165	0.000355	0.000189	0.000181	0.000187	0.000194	0.000199	0.000732
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0.1

Reactor Coolant System Activity	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	0.000208	0.000072	0.000086	0.000092	0.000103	0.000100	0.000173	0.000099	0.000103	0.000109	0.000113	0.000110
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

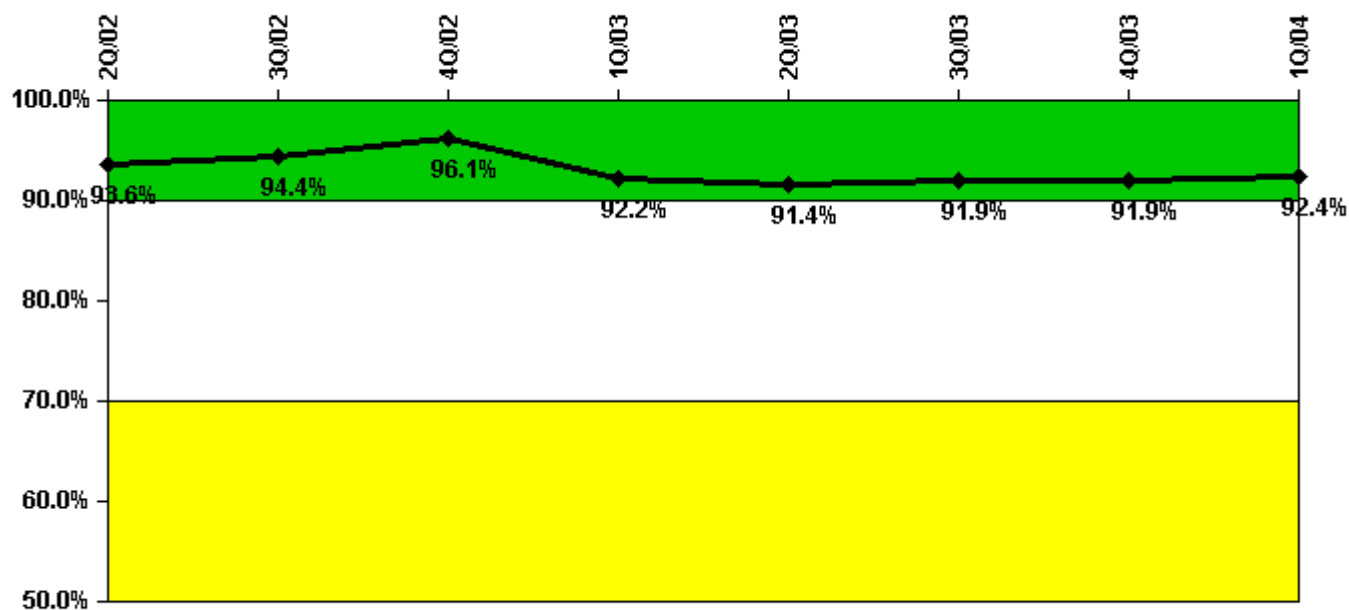
Notes

Reactor Coolant System Leakage	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03
Maximum leakage	0.040	0.030	0.040	0.080	0.050	0.060	0.050	0.070	0.050	0.060	0.030	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.3	0.4	0.8	0.5	0.6	0.5	0.7	0.5	0.6	0.3	0.4

Reactor Coolant System Leakage	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04
Maximum leakage	0.050	0.020	0.050	0.070	0.050	0.040	0.020	0.020	0.040	0.020	0.050	0.050
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	0.2	0.5	0.7	0.5	0.4	0.2	0.2	0.4	0.2	0.5	0.5

Licensee Comments: none

Drill/Exercise Performance



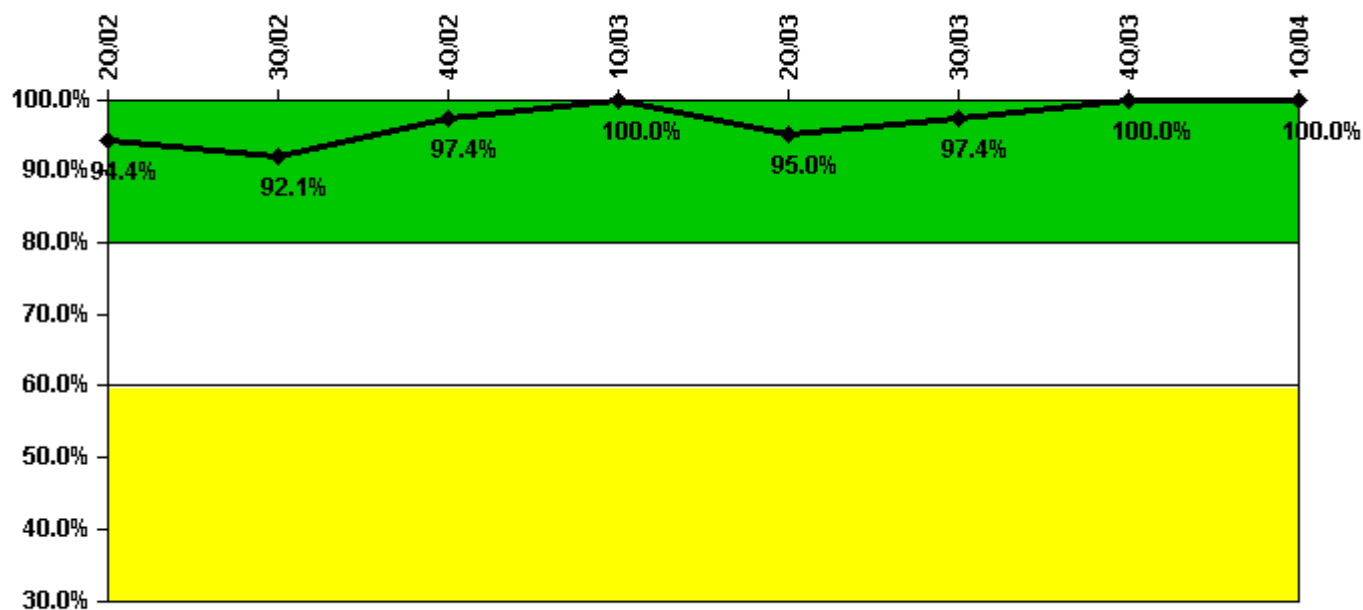
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Successful opportunities	10.0	18.0	26.0	63.0	37.0	20.0	23.0	34.0
Total opportunities	10.0	18.0	28.0	73.0	40.0	20.0	25.0	36.0
Indicator value	93.6%	94.4%	96.1%	92.2%	91.4%	91.9%	91.9%	92.4%

Licensee Comments: none

ERO Drill Participation



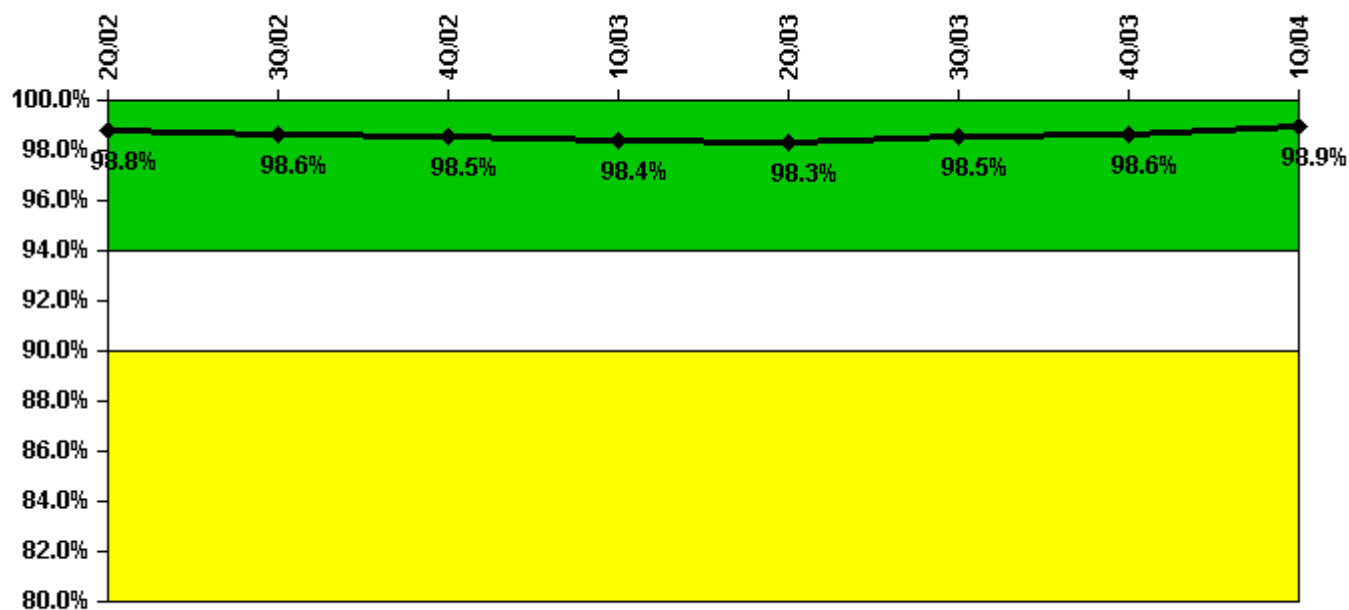
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Participating Key personnel	34.0	35.0	38.0	37.0	38.0	38.0	36.0	36.0
Total Key personnel	36.0	38.0	39.0	37.0	40.0	39.0	36.0	36.0
Indicator value	94.4%	92.1%	97.4%	100.0%	95.0%	97.4%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



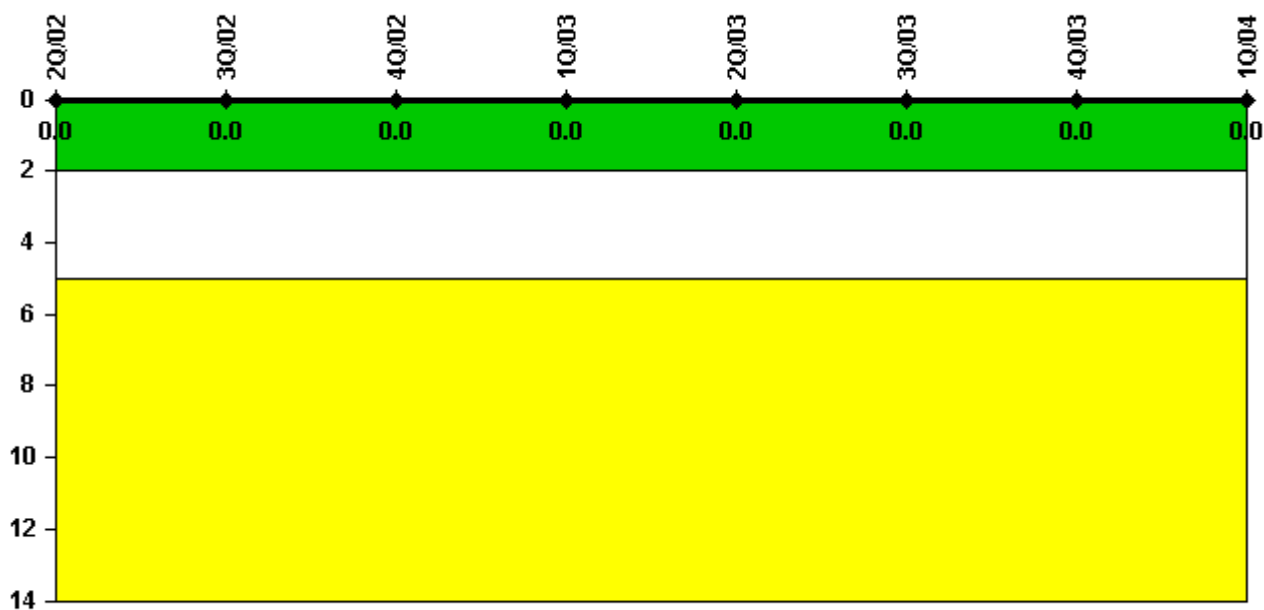
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Successful siren-tests	564	708	640	558	643	633	642	565
Total sirens-tests	567	729	648	567	648	648	648	567
Indicator value	98.8%	98.6%	98.5%	98.4%	98.3%	98.5%	98.6%	98.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



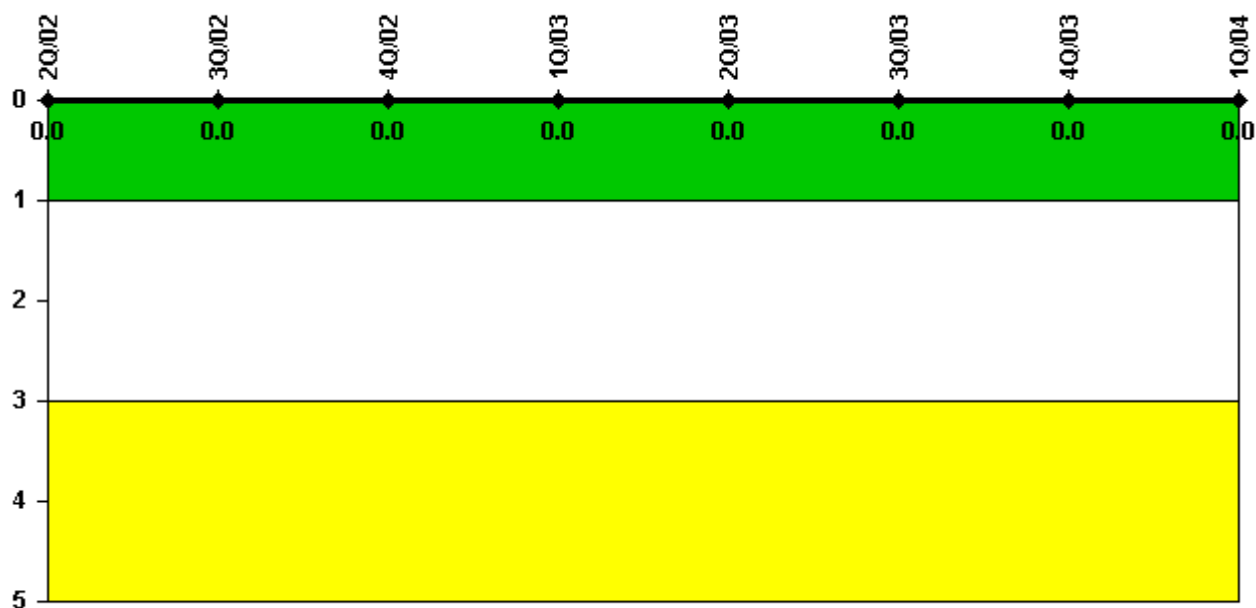
Thresholds: White > 2.0 Yellow > 5.0

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	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



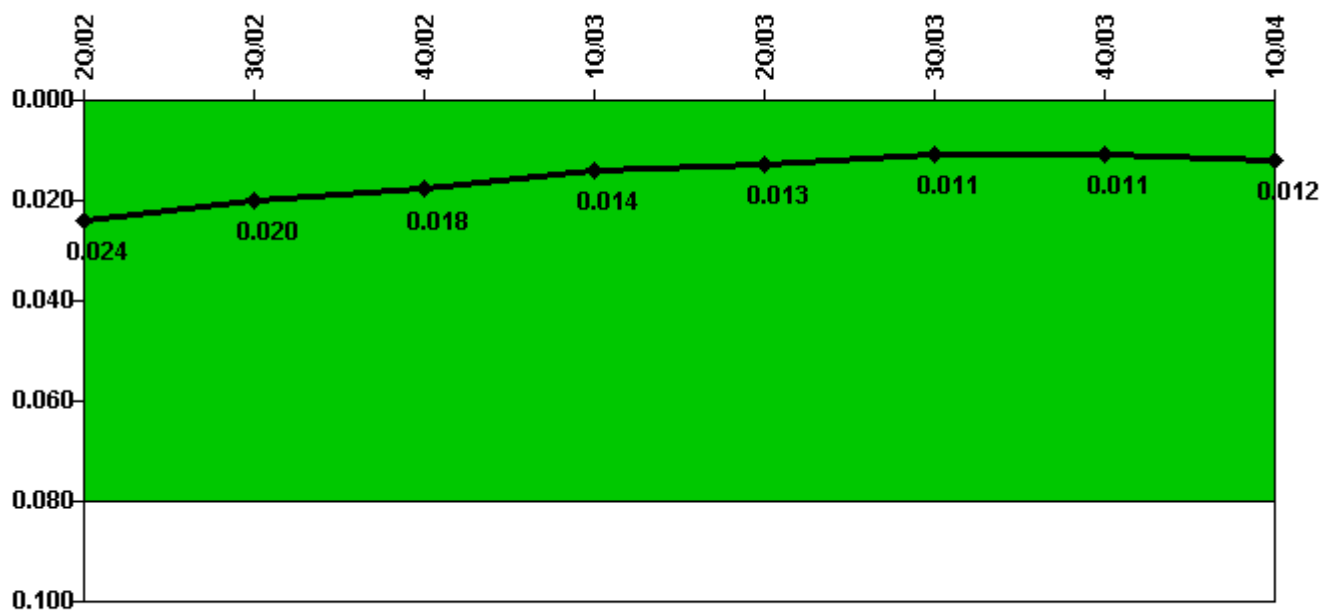
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/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



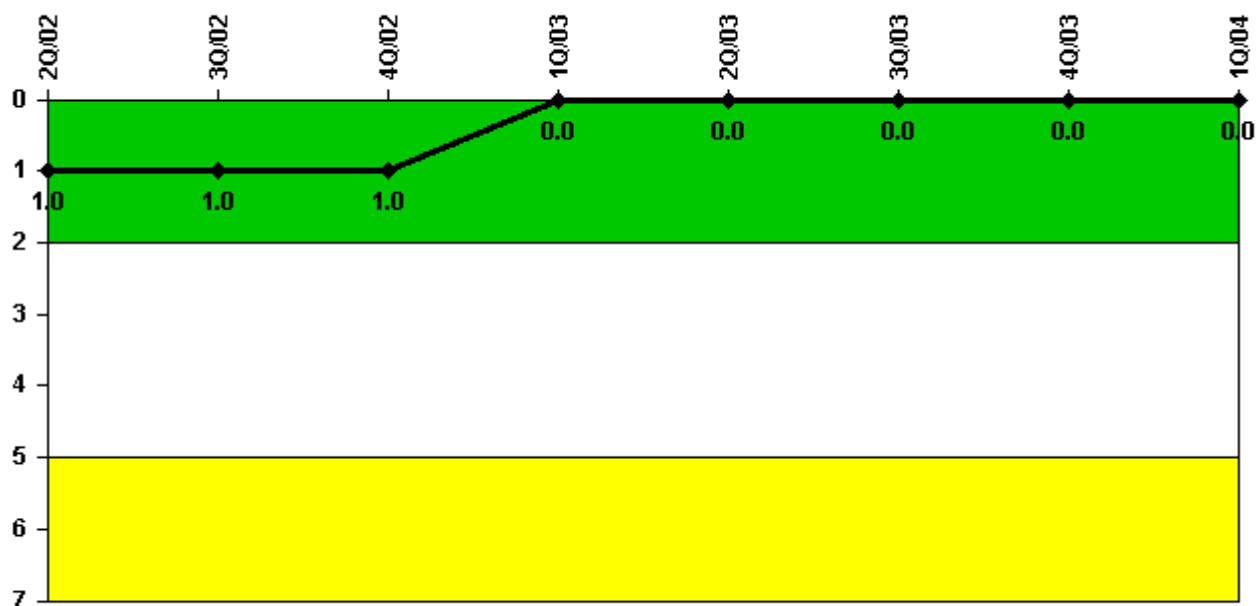
Thresholds: White > 0.080

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	184.08	229.30	133.90	77.00	144.61	127.39	143.58	175.11
CCTV compensatory hours	3.1	0	5.3	18.8	0	0	0	0
IDS normalization factor	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85
CCTV normalization factor	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
Index Value	0.024	0.020	0.018	0.014	0.013	0.011	0.011	0.012

Licensee Comments: none

Personnel Screening Program



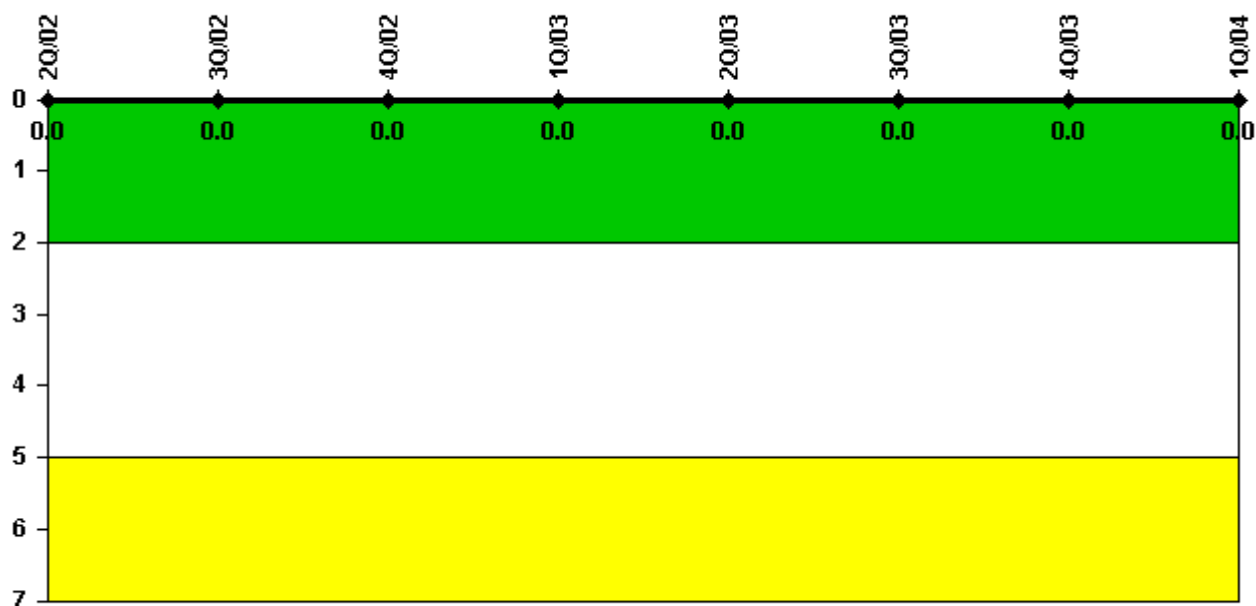
Thresholds: White > 2.0 Yellow > 5.0

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	1	1	1	0	0	0	0	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	0	0	0	0	0	0	0

Licensee Comments: none

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

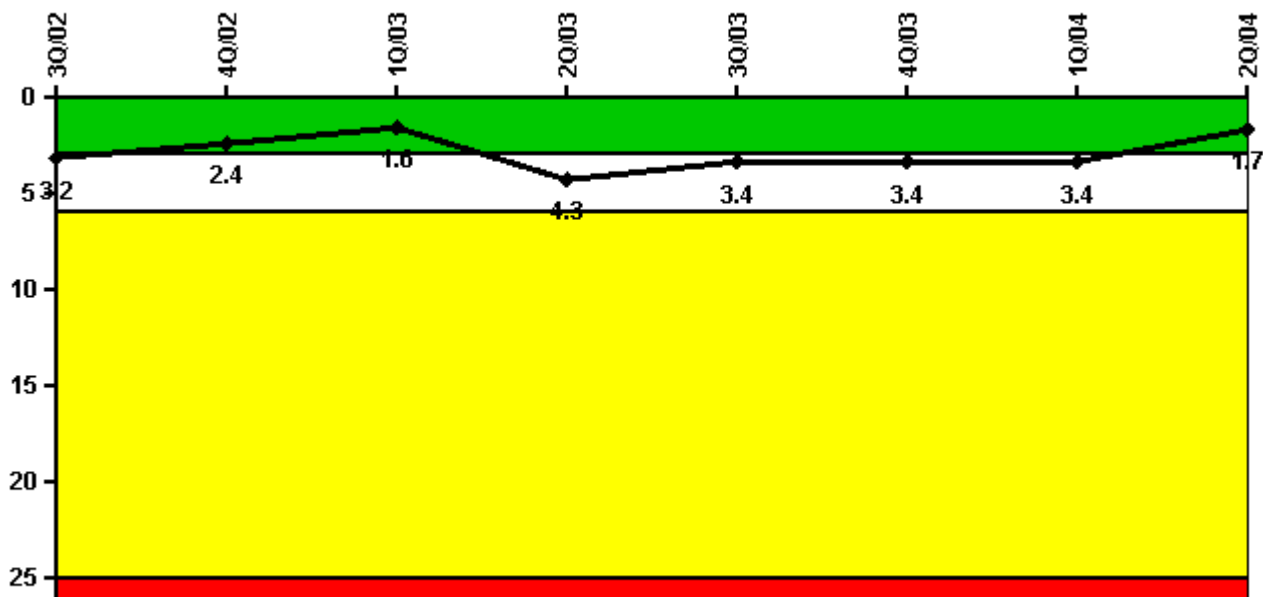
Last Modified: April 22, 2004

Harris 1

2Q/2004 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



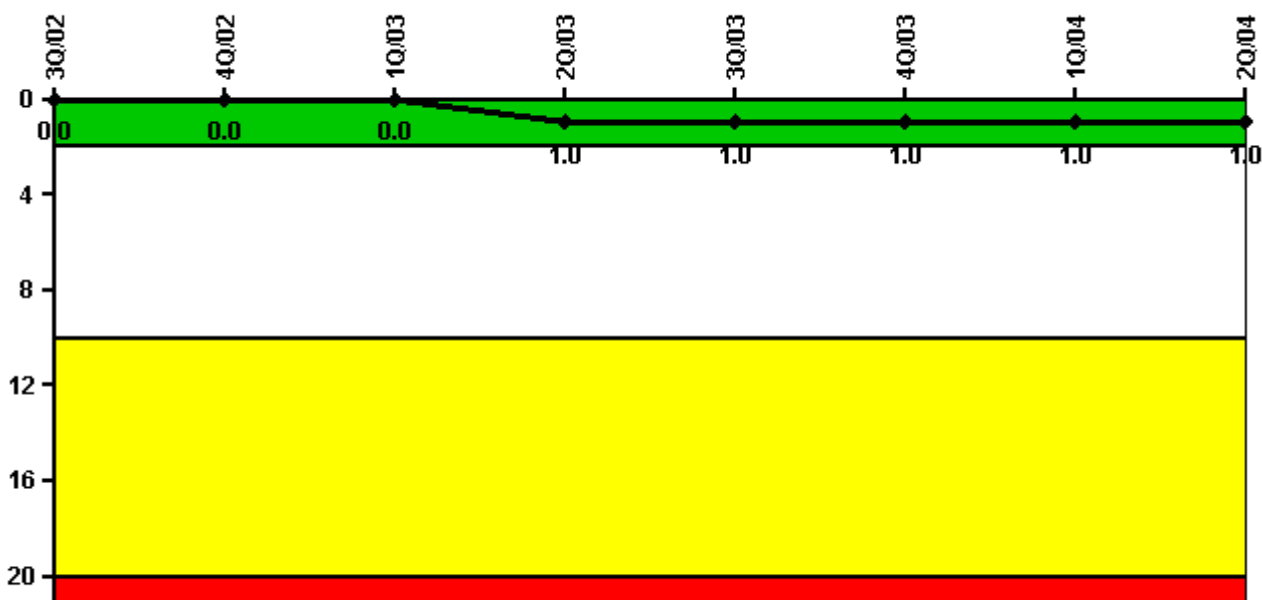
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Unplanned scrams	2.0	0	0	3.0	1.0	0	0	1.0
Critical hours	2173.9	2209.0	2160.0	1605.6	2190.4	2209.0	2184.0	1878.4
Indicator value	3.2	2.4	1.6	4.3	3.4	3.4	3.4	1.7

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



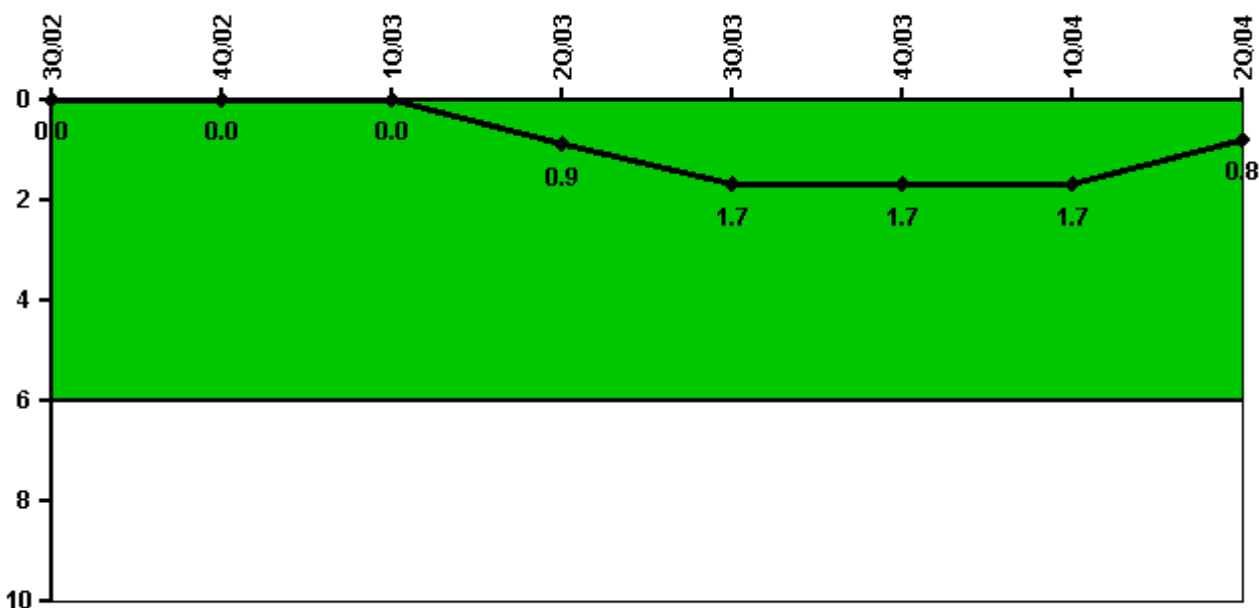
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



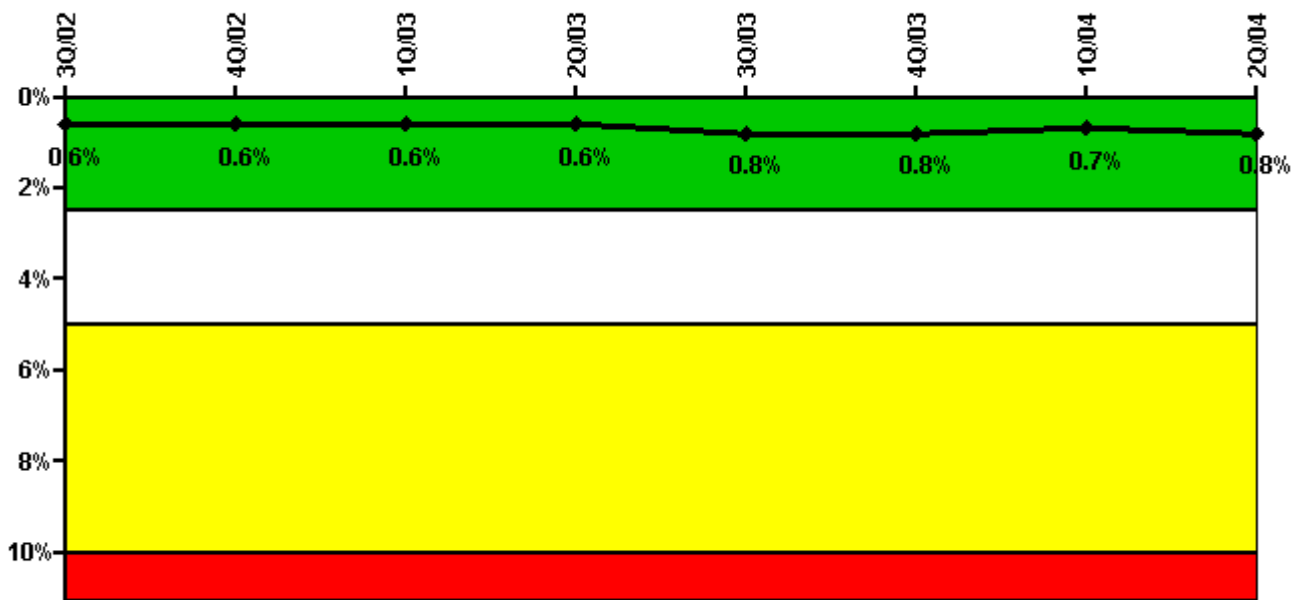
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Unplanned power changes	0	0	0	1.0	1.0	0	0	0
Critical hours	2173.9	2209.0	2160.0	1605.6	2190.4	2209.0	2184.0	1878.4
Indicator value	0	0	0	0.9	1.7	1.7	1.7	0.8

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



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

Notes

Safety System Unavailability, Emergency AC Power	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours	10.47	11.20	1.97	17.75	33.50	20.74	1.78	31.25
Unplanned unavailable hours	0	3.20	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	2208.00	2209.00	2160.00	1859.58	2208.00	2209.00	2184.00	2105.83
Train 2								
Planned unavailable hours	4.33	17.25	24.03	2.57	68.78	8.45	20.37	2.95
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	2152.97	2208.00	2209.00	2184.00	2025.87
Indicator value	0.6%	0.6%	0.6%	0.6%	0.8%	0.8%	0.7%	0.8%

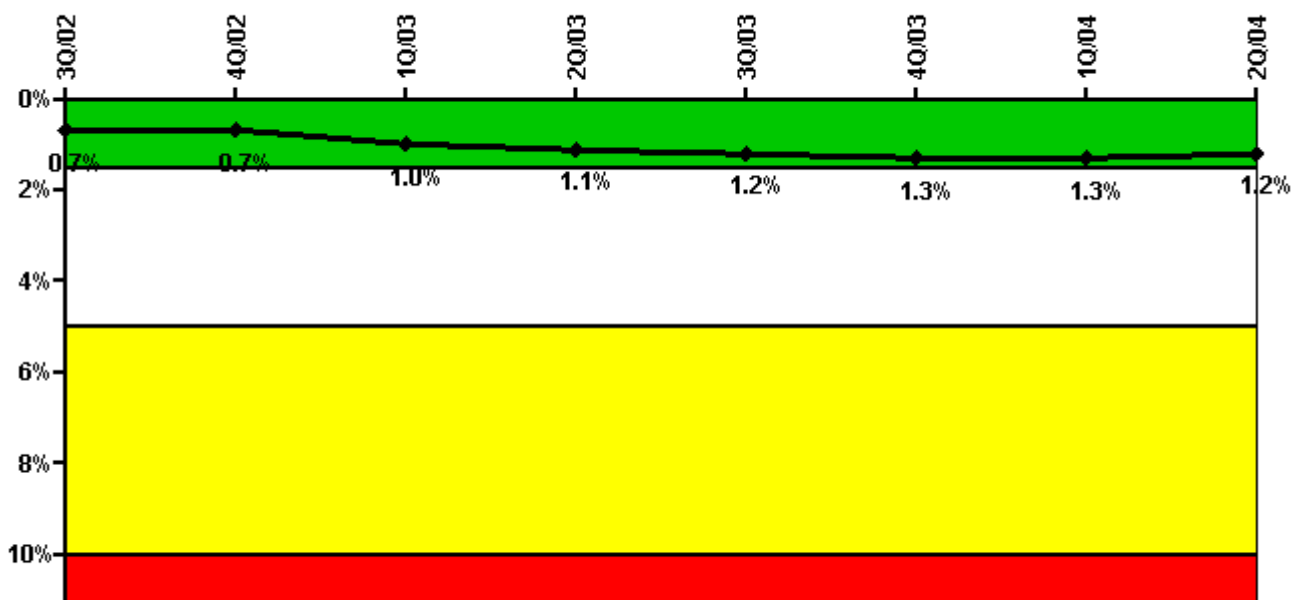
Licensee Comments:

3Q/02: 2.9 hours of planned unavailability added to the September 2002 data for Train 2. This change does not affect the color of the performance indicator.

2Q/02: 1.6 hours of planned unavailability added to the June 2002 data for Train 2. This change does not affect the color of the performance indicator.

3Q/01: 2.4 hours of planned unavailability added to the August 2001 data for Train 1. This change does not affect the color of the performance indicator.

Safety System Unavailability, High Pressure Injection System (HPSI)



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

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours	20.45	16.52	73.89	19.50	51.40	39.58	36.40	5.50
Unplanned unavailable hours	0	18.73	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	1830.60	2208.00	2209.00	2184.00	1878.40
Train 2								
Planned unavailable hours	17.43	9.28	41.42	17.13	25.30	21.20	10.70	1.20
Unplanned unavailable hours	0	0	7.65	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	1830.60	2208.00	2209.00	2184.00	1878.40
Indicator value	0.7%	0.7%	1.0%	1.1%	1.2%	1.3%	1.3%	1.2%

Licensee Comments:

1Q/04: 1.1 hours and 1.6 hours of planned unavailability added to the January and February 2004 data, respectively, for Train 1. 1.2 hours and 1.3 hours of planned unavailability added to the January and March 2004 data, respectively, for Train 2. These additional hours were accrued during Solid State Protection System testing and identified by HNP during a review of previously submitted safety system unavailability data. This correction does not affect the color of the performance indicator.

4Q/03: 1.2 hours of planned unavailability added to the October 2003 data for Train 1 and 1.2 hours of planned unavailability added to the November 2003 data for Train 2. These additional hours were accrued during Solid State Protection System testing and identified by HNP during a review of previously submitted safety system unavailability data. This correction does not affect the color of the performance indicator.

3Q/03: 1.2 hours and 1.1 hours of planned unavailability added to the July and August 2003 data, respectively, for Train 1. 1.5 hours of planned unavailability added to both the August and September 2003 data for Train 2. These additional hours were accrued during Solid State Protection System testing and identified by HNP during a review of previously submitted safety system unavailability data. This correction does not affect the color of the performance indicator.

2Q/03: 1.7 hours planned unavailability added to the June 2003 data for Train 2. These additional hours were accrued during Solid

State Protection System testing and identified by HNP during a review of previously submitted safety system unavailability data. This correction does not affect the color of the performance indicator.

1Q/03: 1.2 hours and 1.1 hours of planned unavailability added to the January and March 2003 data, respectively, for Train 1. 2.5 hours and 1.2 hours of planned unavailability added to the January and March 2003 data, respectively, for Train 2. These additional hours were accrued during Solid State Protection System testing and identified by HNP during a review of previously submitted safety system unavailability data. This correction does not affect the color of the performance indicator.

4Q/02: 1.3 hours of planned unavailability added to the November 2002 data for Train 1, and 1.4 hours and 1.2 hours of planned unavailability added to the October and December 2002 data, respectively, for Train 2. These additional hours were accrued during Solid State Protection System testing and identified by HNP during a review of previously submitted safety system unavailability data. This correction does not affect the color of the performance indicator.

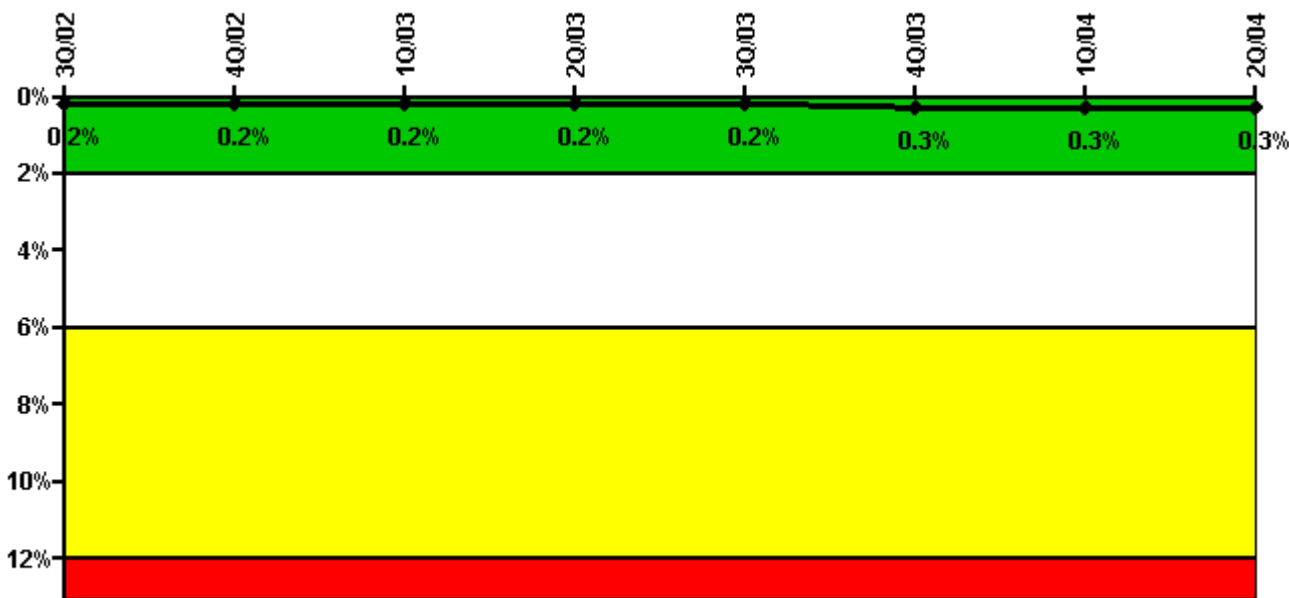
3Q/02: 1.2 hours of planned unavailability added to both the July and September 2002 data for Train 1, and 1.3 hours of planned unavailability added to the August 2002 data for Train 2. These additional hours were accrued during Solid State Protection System testing and identified by HNP during a review of previously submitted safety system unavailability data. This correction does not affect the color of the performance indicator.

2Q/02: 1.3 hours of planned unavailability added to both the April and June 2002 data for Train 1, and 1.4 hours and 1.1 hours of planned unavailability added to the April and June 2002 data, respectively, for Train 2. These additional hours were accrued during Solid State Protection System testing and identified by HNP during a review of previously submitted safety system unavailability data. This correction does not affect the color of the performance indicator.

1Q/02: 1.2 hours of planned unavailability added to the February 2002 data for Train 1, and 1.3 hours and 1.2 hours of planned unavailability added to the January and February 2002 data, respectively, for Train 2. These additional hours were accrued during Solid State Protection System testing and identified by HNP during a review of previously submitted safety system unavailability data. This correction does not affect the color of the performance indicator.

3Q/01: 1.3 hours of planned unavailability added to the July 2001 data for Train 1 and 1.6 hours of planned unavailability added to the September 2001 data for Train 2. These additional hours were accrued during Solid State Protection System testing and identified by HNP during a review of previously submitted safety system unavailability data. This correction does not affect the color of the performance indicator.

Safety System Unavailability, Heat Removal System (AFW)



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

Notes

Safety System Unavailability, Heat Removal System (AFW)	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours	3.13	1.30	2.30	1.13	7.70	1.20	10.40	2.50
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	1731.15	2208.00	2209.00	2184.00	1878.40
Train 2								
Planned unavailable hours	1.30	2.60	5.20	2.83	10.60	1.20	2.50	1.70
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	1731.15	2208.00	2209.00	2184.00	1878.40
Train 3								
Planned unavailable hours	0	9.00	21.80	5.57	19.50	0	0	6.50
Unplanned unavailable hours	0	0	0	0	0	27.50	0	38.20
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	1731.15	2208.00	2209.00	2184.00	1878.40
Indicator value	0.2%	0.2%	0.2%	0.2%	0.2%	0.3%	0.3%	0.3%

Licensee Comments:

1Q/04: 1.1 hours and 1.6 hours of planned unavailability added to the January and February 2004 data, respectively, for Train 1. 1.2 hours and 1.3 hours of planned unavailability added to the January and March 2004 data, respectively, for Train 2. These additional hours were accrued during Solid State Protection System testing and identified by HNP during a review of previously submitted safety system unavailability data. This correction does not affect the color of the performance indicator.

4Q/03: 1.2 hours of planned unavailability added to the October 2003 data for Train 1 and 1.2 hours of planned unavailability added to the November 2003 data for Train 2. These additional hours were accrued during Solid State Protection System testing and identified by HNP during a review of previously submitted safety system unavailability data. Also, 325.8 hours (263.3 hours in October 2003 and 62.5 hours in November 2003) of fault exposure hours have been subtracted from the data for Train 3. These hours were T/2 fault exposure hours and thus should have been reported only in the comment section of the NRC PI data file and not included in the calculation of safety system unavailability. These corrections do not affect the color of the indicator.

3Q/03: 1.2 hours and 1.1 hours of planned unavailability added to the July and August 2003 data, respectively, for Train 1. 1.5 hours of planned unavailability added to both the August and September 2003 data for Train 2. These additional hours were accrued during Solid State Protection System testing and identified by HNP during a review of previously submitted safety system unavailability data. This correction does not affect the color of the performance indicator.

2Q/03: 1.7 hours of planned unavailability added to the June 2003 data for Train 2. These additional hours were accrued during Solid State Protection System testing and identified by HNP during a review of previously submitted safety system unavailability data. This correction does not affect the color of the performance indicator.

1Q/03: 1.2 hours and 1.1 hours of planned unavailability added to the January and March 2003 data, respectively, for Train 1. 2.5 hours and 1.2 hours of planned unavailability added to the January and March 2003 data, respectively, for Train 2. These additional hours were accrued during Solid State Protection System testing and identified by HNP during a review of previously submitted safety system unavailability data. This correction does not affect the color of the performance indicator.

4Q/02: 1.3 hours of planned unavailability added to the November 2002 data for Train 1, and 1.4 hours and 1.2 hours of planned unavailability added to the October and December 2002 data, respectively, for Train 2. These additional hours were accrued during Solid State Protection System testing and identified by HNP during a review of previously submitted safety system unavailability data. This correction does not affect the color of the performance indicator.

3Q/02: 1.2 hours of planned unavailability added to both the July and September 2002 data for Train 1, and 1.3 hours of planned unavailability added to the August 2002 data for Train 2. These additional hours were accrued during Solid State Protection System testing and identified by HNP during a review of previously submitted safety system unavailability data. This correction does not affect the color of the performance indicator.

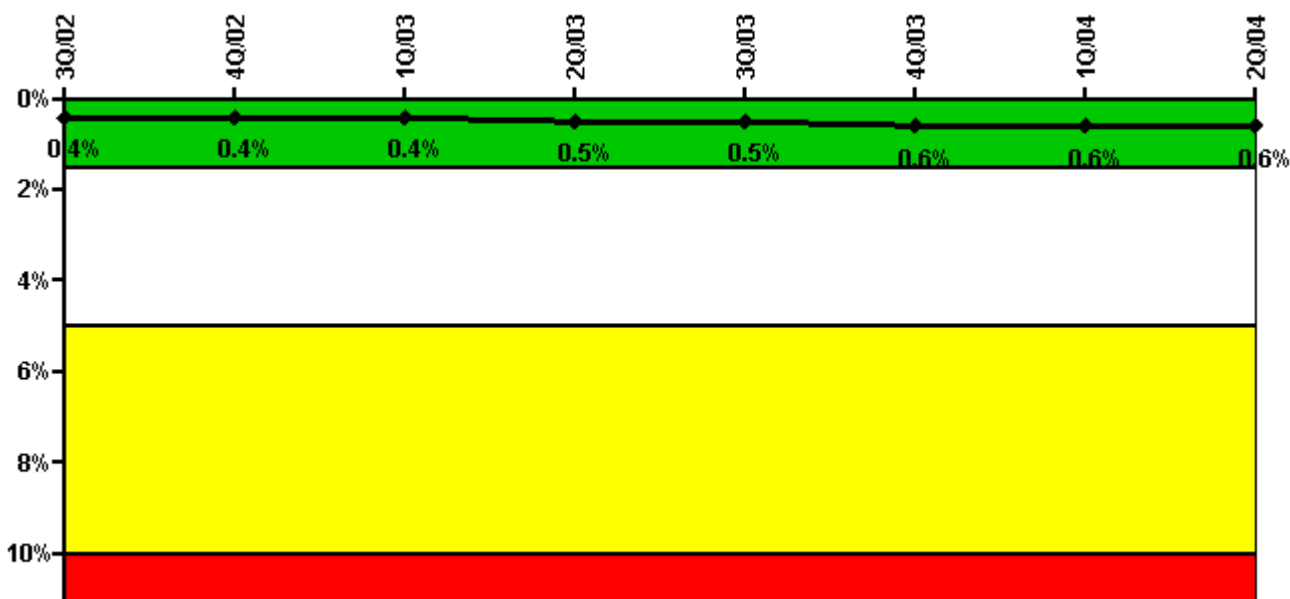
2Q/02: 1.3 hours of planned unavailability added to both the April and June 2002 data for Train 1, and 1.4 hours and 1.1 hours of planned unavailability added to the April and June 2002 data, respectively, for Train 2. These additional hours were accrued during Solid State Protection System testing and identified by HNP during a review of previously submitted safety system unavailability data.

This correction does not affect the color of the performance indicator.

1Q/02: 1.2 hours of planned unavailability added to the February 2002 data for Train 1, and 1.3 hours and 1.2 hours of planned unavailability added to the January and February 2002 data, respectively, for Train 2. These additional hours were accrued during Solid State Protection System testing and identified by HNP during a review of previously submitted safety system unavailability data. This correction does not affect the color of the performance indicator.

3Q/01: 1.3 hours of planned unavailability added to the July 2001 data for Train 1 and 1.6 hours of planned unavailability added to the September 2001 data for Train 2. These additional hours were accrued during Solid State Protection System testing and identified by HNP during a review of previously submitted safety system unavailability data. This correction does not affect the color of the performance indicator.

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	5.80	9.88	6.12	15.05	24.40	8.60	15.40	14.60
Unplanned unavailable hours	0	0	0	0	0	0	0	8.10
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2097.50	2208.00	2209.00	2184.00	2183.00
Train 2								
Planned unavailable hours	1.30	4.42	31.90	5.17	12.90	12.00	3.10	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	2208.00	2209.00	2160.00	2097.50	2208.00	2209.00	2184.00	2183.00
Indicator value	0.4%	0.4%	0.4%	0.5%	0.5%	0.6%	0.6%	0.6%

Licensee Comments:

1Q/04: 1.1 hours and 1.6 hours of planned unavailability added to the January and February 2004 data, respectively, for Train 1. 1.2 hours and 1.3 hours of planned unavailability added to the January and March 2004 data, respectively, for Train 2. These additional hours were accrued during Solid State Protection System testing and identified by HNP during a review of previously submitted safety system unavailability data. This correction does not affect the color of the performance indicator.

4Q/03: 1.2 hours of planned unavailability added to the October 2003 data for Train 1 and 1.2 hours of planned unavailability added to the November 2003 data for Train 2. These additional hours were accrued during Solid State Protection System testing and identified by HNP during a review of previously submitted safety system unavailability data. This correction does not affect the color of the performance indicator.

3Q/03: 1.2 hours and 1.1 hours of planned unavailability added to the July and August 2003 data, respectively, for Train 1. 1.5 hours of planned unavailability added to both the August and September 2003 data for Train 2. These additional hours were accrued during Solid State Protection System testing and identified by HNP during a review of previously submitted safety system unavailability data. This correction does not affect the color of the performance indicator.

2Q/03: 1.7 hours of planned unavailability added to the June 2003 data for Train 2. These additional hours were accrued during Solid State Protection System testing and identified by HNP during a review of previously submitted safety system unavailability data. This correction does not affect the color of the performance indicator.

1Q/03: 1.2 hours and 1.1 hours of planned unavailability added to the January and March 2003 data, respectively, for Train 1. 2.5 hours and 1.2 hours of planned unavailability added to the January and March 2003 data, respectively, for Train 2. These additional hours were accrued during Solid State Protection System testing and identified by HNP during a review of previously submitted safety system unavailability data. This correction does not affect the color of the performance indicator.

4Q/02: 1.3 hours of planned unavailability added to the November 2002 data for Train 1, and 1.4 hours and 1.2 hours of planned unavailability added to the October and December 2002 data, respectively, for Train 2. These additional hours were accrued during Solid State Protection System testing and identified by HNP during a review of previously submitted safety system unavailability data. This correction does not affect the color of the performance indicator.

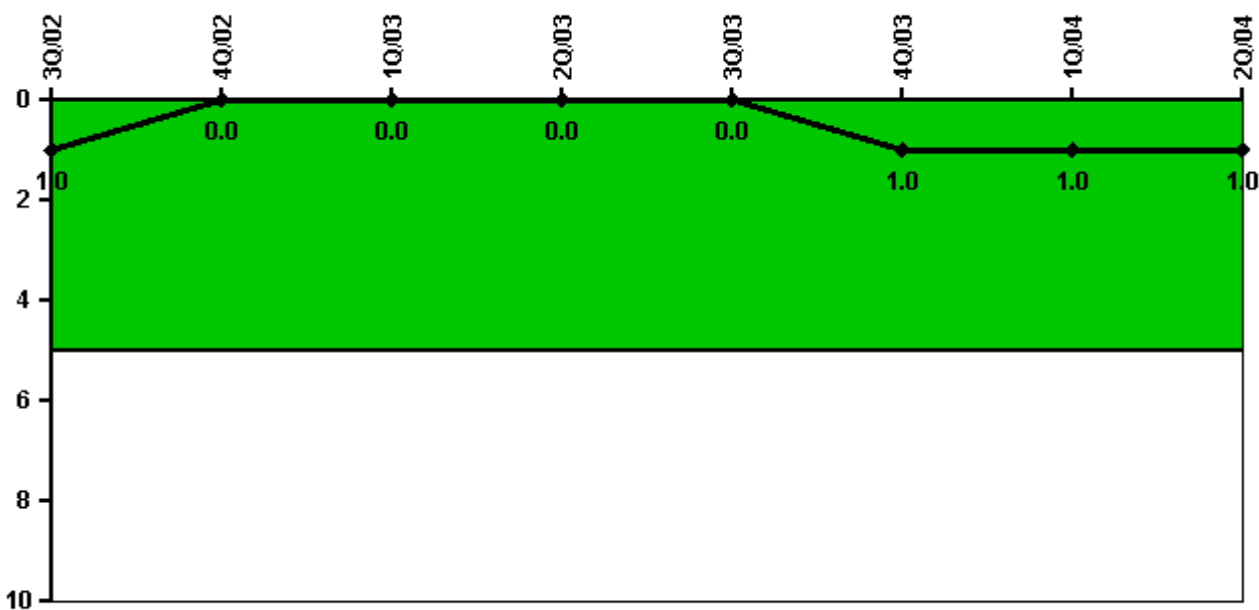
3Q/02: 1.2 hours of planned unavailability added to both the July and September 2002 data for Train 1, and 1.3 hours of planned unavailability added to the August 2002 data for Train 2. These additional hours were accrued during Solid State Protection System testing and identified by HNP during a review of previously submitted safety system unavailability data. This correction does not affect the color of the performance indicator.

2Q/02: 1.3 hours of planned unavailability added to both the April and June 2002 data for Train 1, and 1.4 hours and 1.1 hours of planned unavailability added to the April and June 2002 data, respectively, for Train 2. These additional hours were accrued during Solid State Protection System testing and identified by HNP during a review of previously submitted safety system unavailability data. This correction does not affect the color of the performance indicator.

1Q/02: 1.2 hours of planned unavailability added to the February 2002 data for Train 1, and 1.3 hours and 1.2 hours of planned unavailability added to the January and February 2002 data, respectively, for Train 2. These additional hours were accrued during Solid State Protection System testing and identified by HNP during a review of previously submitted safety system unavailability data. This correction does not affect the color of the performance indicator.

3Q/01: 1.3 hours of planned unavailability added to the July 2001 data for Train 1 and 1.6 hours of planned unavailability added to the September 2001 data for Train 2. These additional hours were accrued during Solid State Protection System testing and identified by HNP during a review of previously submitted safety system unavailability data. This correction does not affect the color of the performance indicator.

Safety System Functional Failures (PWR)



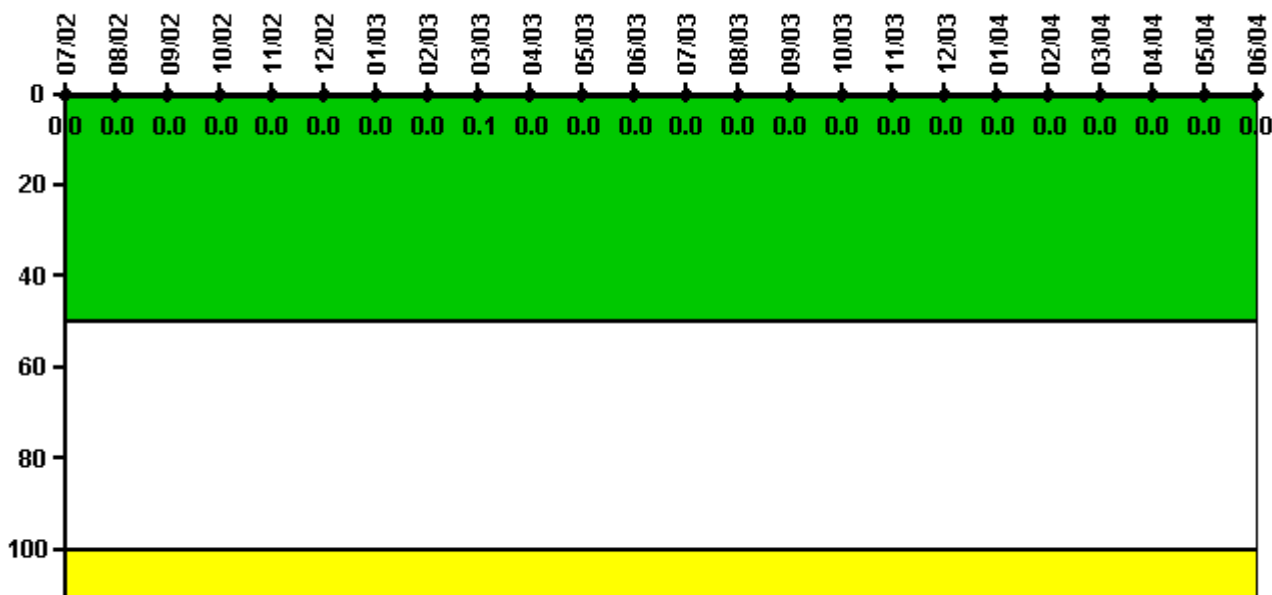
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



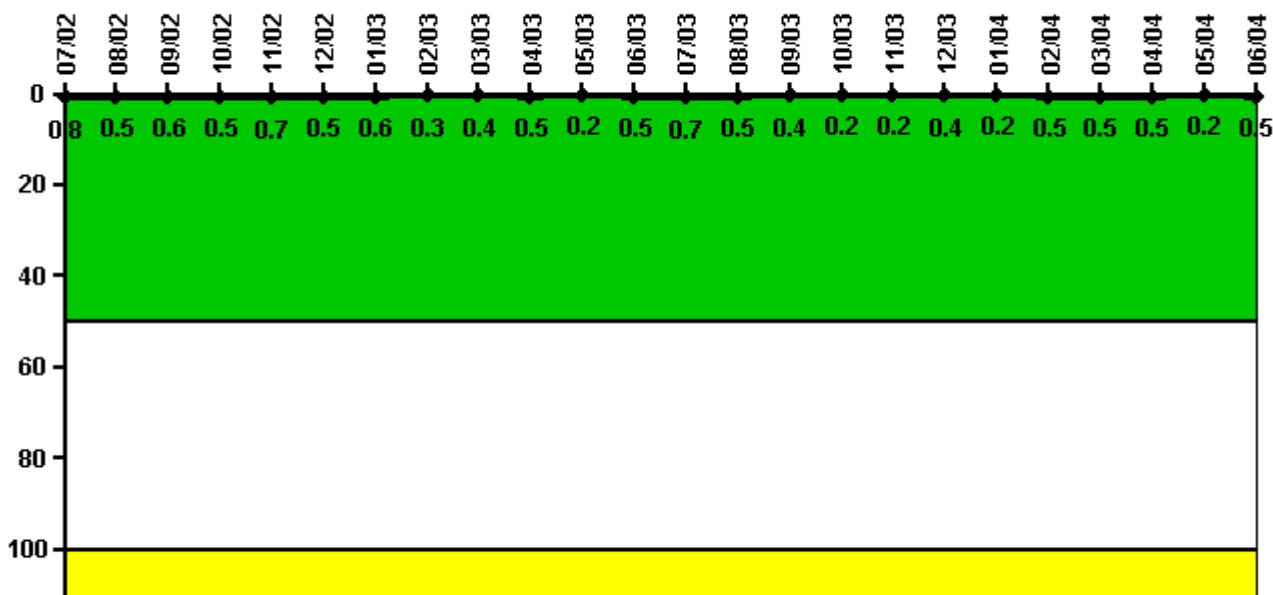
Thresholds: White > 50.0 Yellow > 100.0

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	0.000160	0.000165	0.000355	0.000189	0.000181	0.000187	0.000194	0.000199	0.000732	0.000208	0.000072	0.000086
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0.1	0	0	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	0.000092	0.000103	0.000100	0.000173	0.000099	0.000103	0.000109	0.000113	0.000110	0.000113	0.000117	0.000122
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



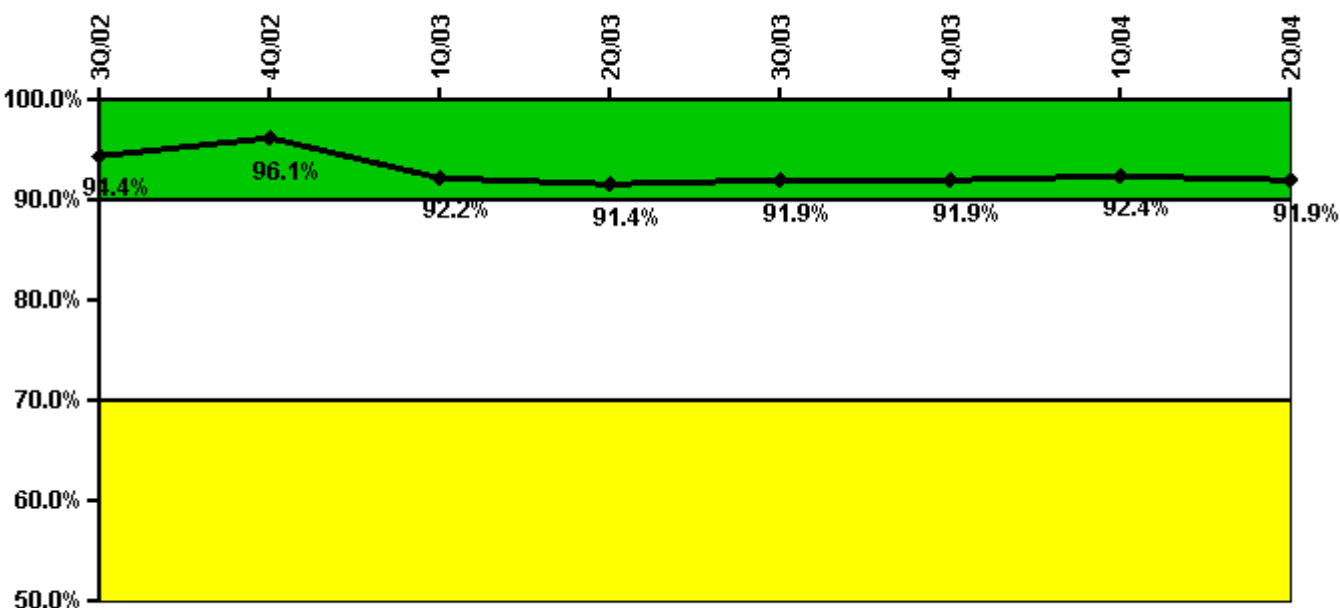
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03
Maximum leakage	0.080	0.050	0.060	0.050	0.070	0.050	0.060	0.030	0.040	0.050	0.020	0.050
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.8	0.5	0.6	0.5	0.7	0.5	0.6	0.3	0.4	0.5	0.2	0.5
Reactor Coolant System Leakage	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04
Maximum leakage	0.070	0.050	0.040	0.020	0.020	0.040	0.020	0.050	0.050	0.050	0.020	0.050
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.7	0.5	0.4	0.2	0.2	0.4	0.2	0.5	0.5	0.5	0.2	0.5

Licensee Comments: none

Drill/Exercise Performance



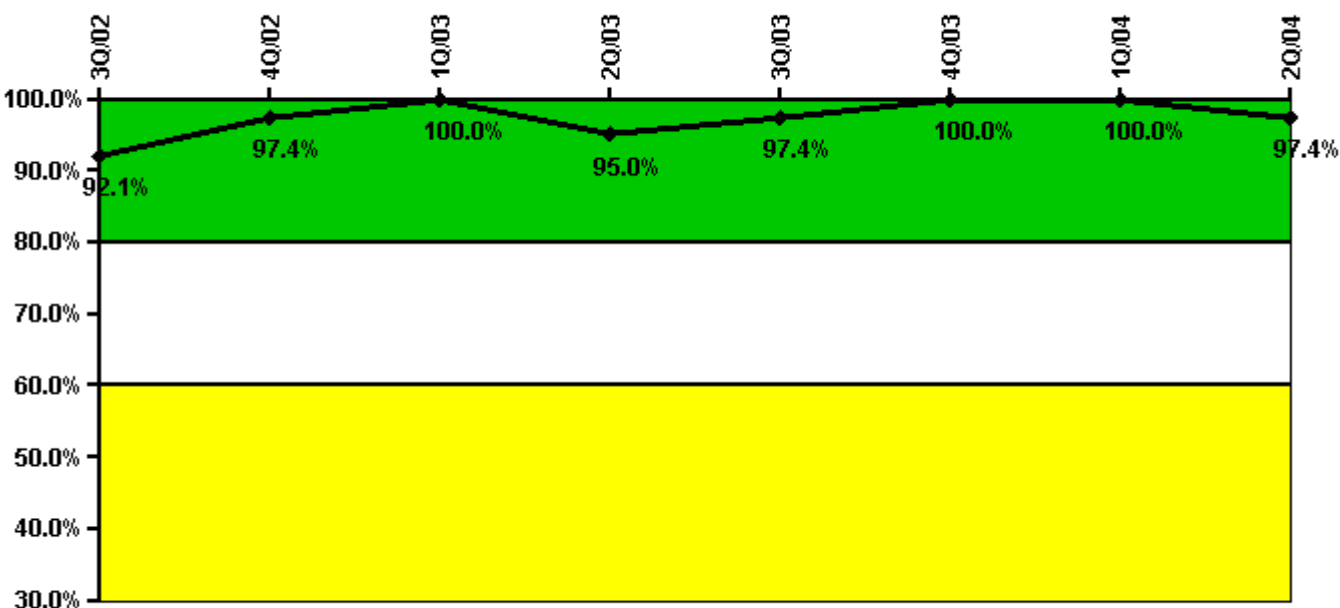
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Successful opportunities	18.0	26.0	63.0	37.0	20.0	23.0	34.0	18.0
Total opportunities	18.0	28.0	73.0	40.0	20.0	25.0	36.0	20.0
Indicator value	94.4%	96.1%	92.2%	91.4%	91.9%	91.9%	92.4%	91.9%

Licensee Comments: none

ERO Drill Participation



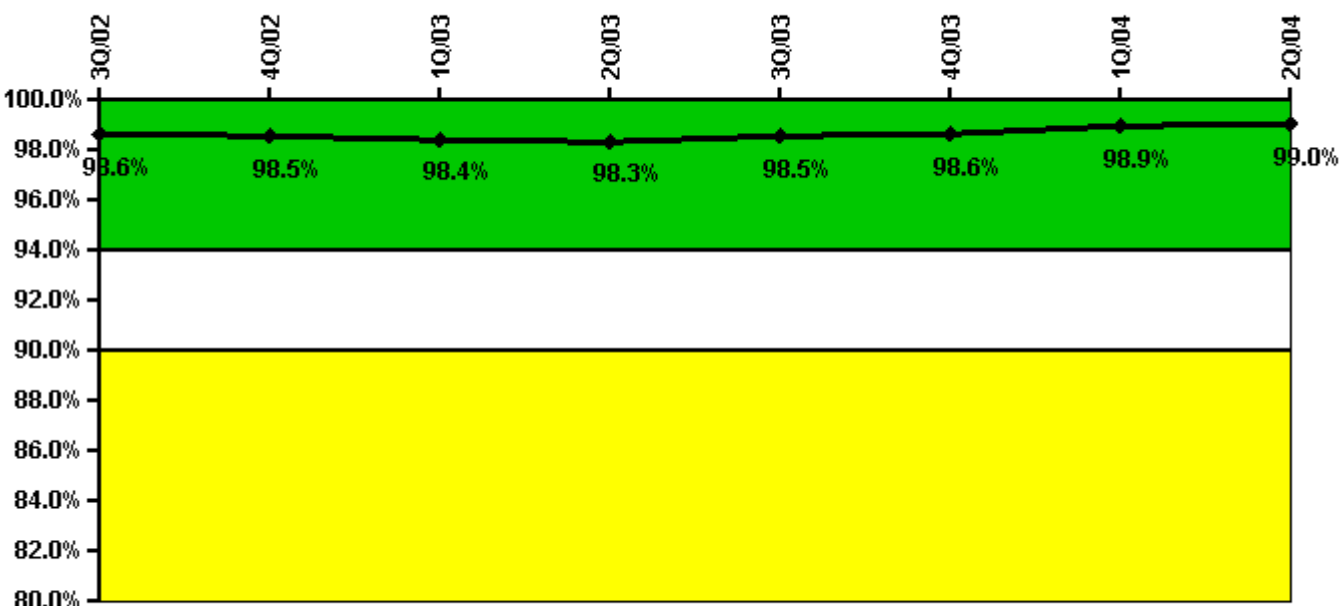
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Participating Key personnel	35.0	38.0	37.0	38.0	38.0	36.0	36.0	38.0
Total Key personnel	38.0	39.0	37.0	40.0	39.0	36.0	36.0	39.0
Indicator value	92.1%	97.4%	100.0%	95.0%	97.4%	100.0%	100.0%	97.4%

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	708	640	558	643	633	642	565	647
Total sirens-tests	729	648	567	648	648	648	567	648
Indicator value	98.6%	98.5%	98.4%	98.3%	98.5%	98.6%	98.9%	99.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



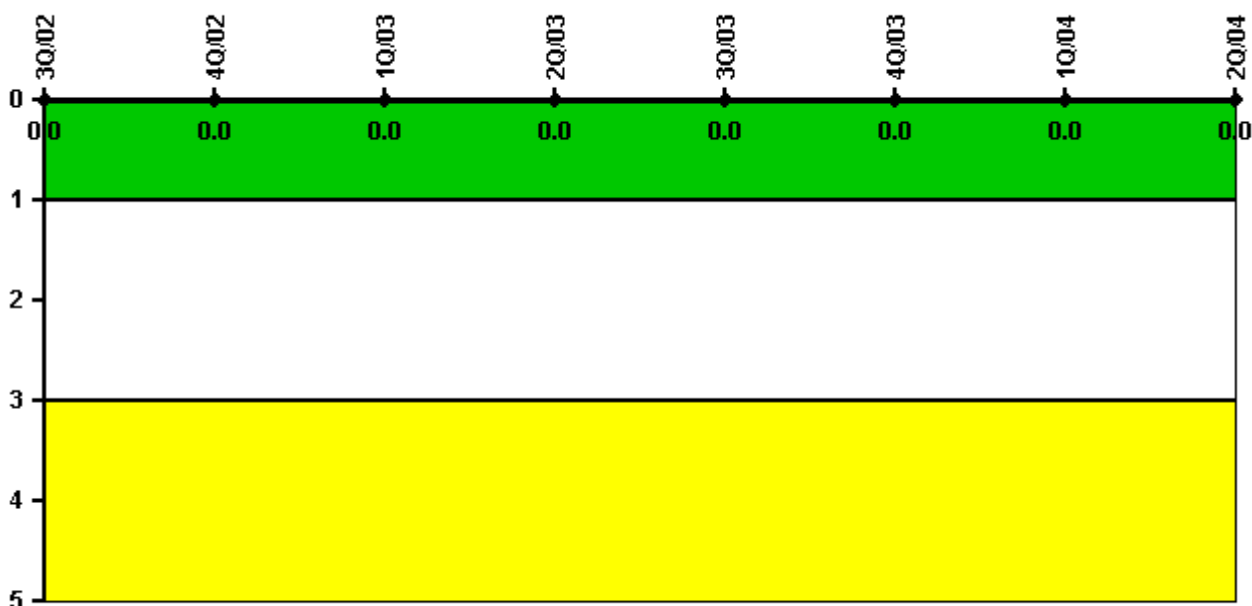
Thresholds: White > 2.0 Yellow > 5.0

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	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/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	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](#)

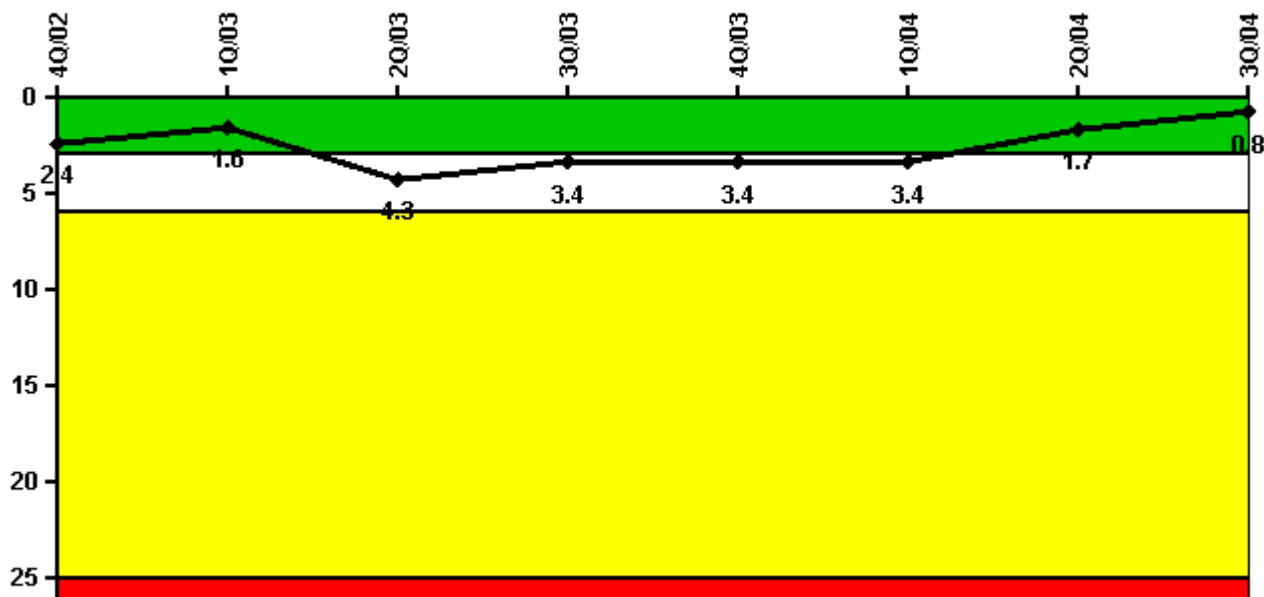
Last Modified: September 8, 2004

Harris 1

3Q/2004 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



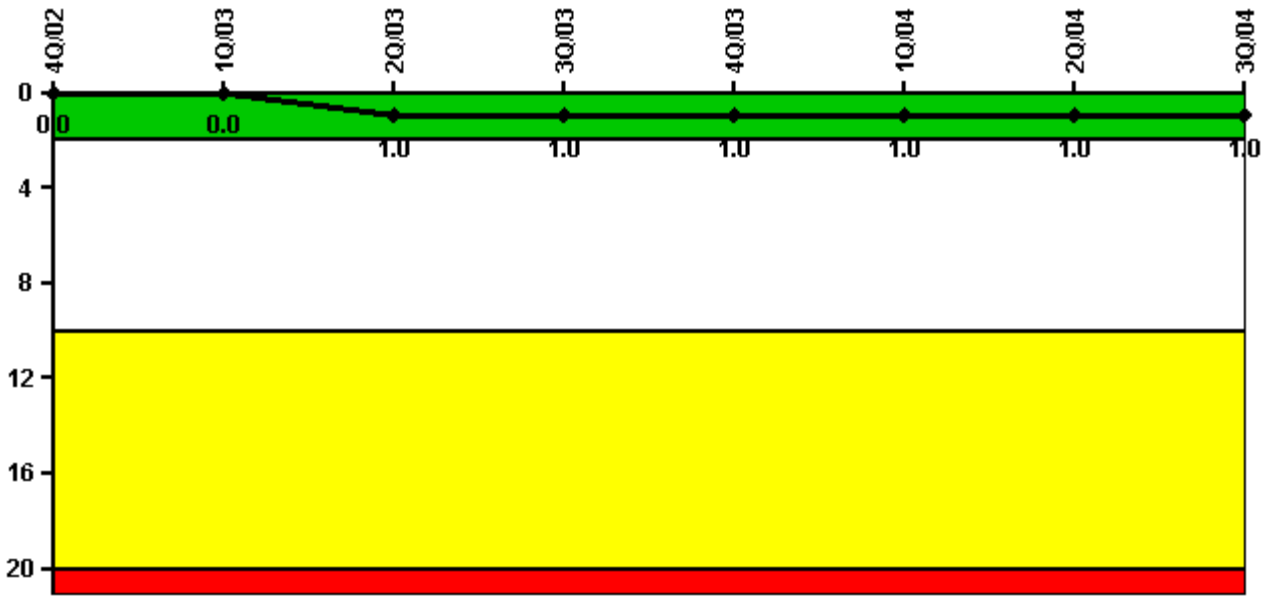
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Unplanned scrams	0	0	3.0	1.0	0	0	1.0	0
Critical hours	2209.0	2160.0	1605.6	2190.4	2209.0	2184.0	1878.4	2208.0
Indicator value	2.4	1.6	4.3	3.4	3.4	3.4	1.7	0.8

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



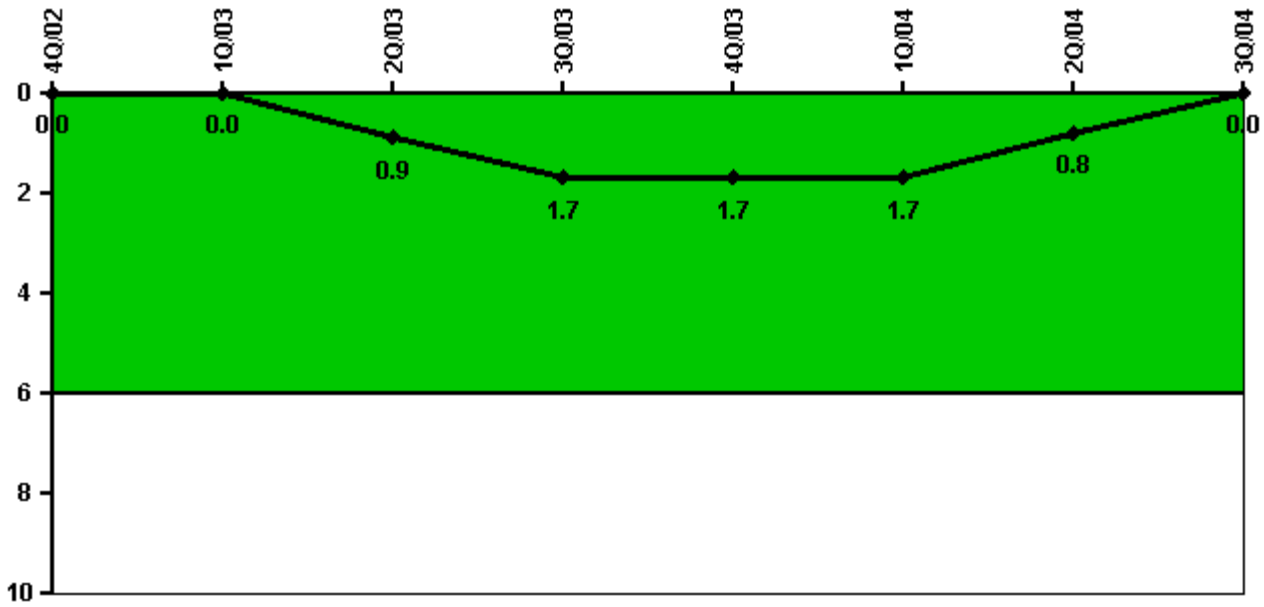
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



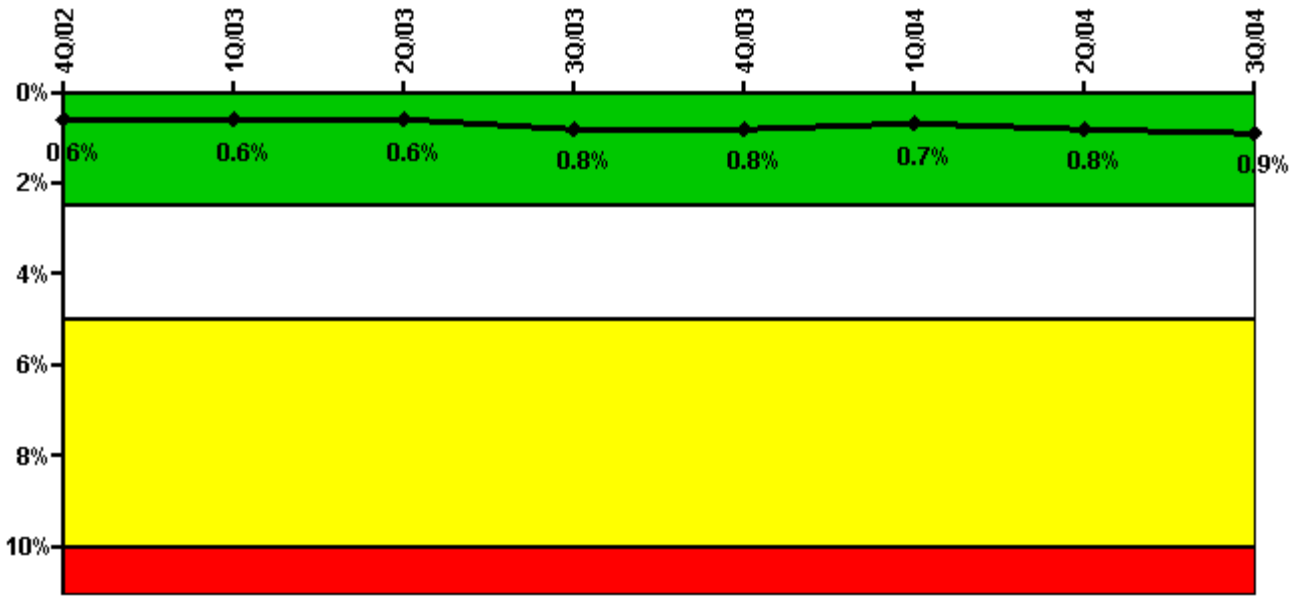
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Unplanned power changes	0	0	1.0	1.0	0	0	0	0
Critical hours	2209.0	2160.0	1605.6	2190.4	2209.0	2184.0	1878.4	2208.0
Indicator value	0	0	0.9	1.7	1.7	1.7	0.8	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



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

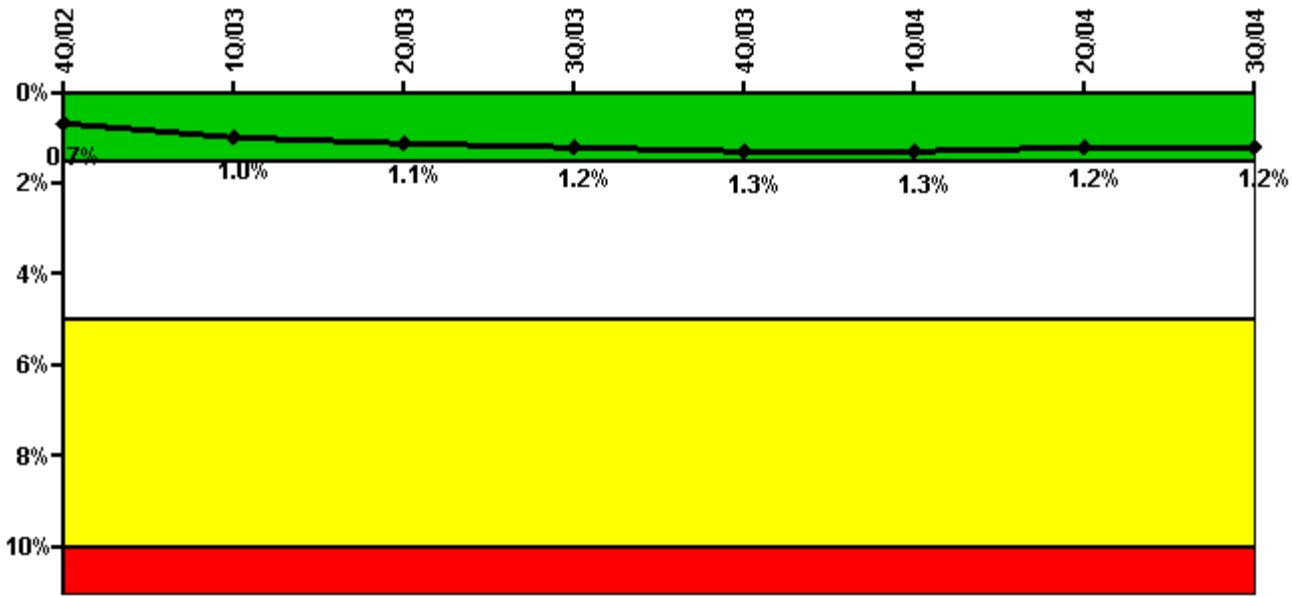
Notes

Safety System Unavailability, Emergency AC Power	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	11.20	1.97	17.75	33.50	20.74	1.78	31.25	45.30
Unplanned unavailable hours	3.20	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	2209.00	2160.00	1859.58	2208.00	2209.00	2184.00	2105.83	2208.00
Train 2								
Planned unavailable hours	17.25	24.03	2.57	68.78	8.45	20.37	2.95	36.70
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2152.97	2208.00	2209.00	2184.00	2025.87	2208.00
Indicator value	0.6%	0.6%	0.6%	0.8%	0.8%	0.7%	0.8%	0.9%

Licensee Comments:

3Q/04: Harris has submitted an FAQ which may affect Emergency AC Power System unavailability for the third quarter of 2004.

Safety System Unavailability, High Pressure Injection System (HPSI)



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

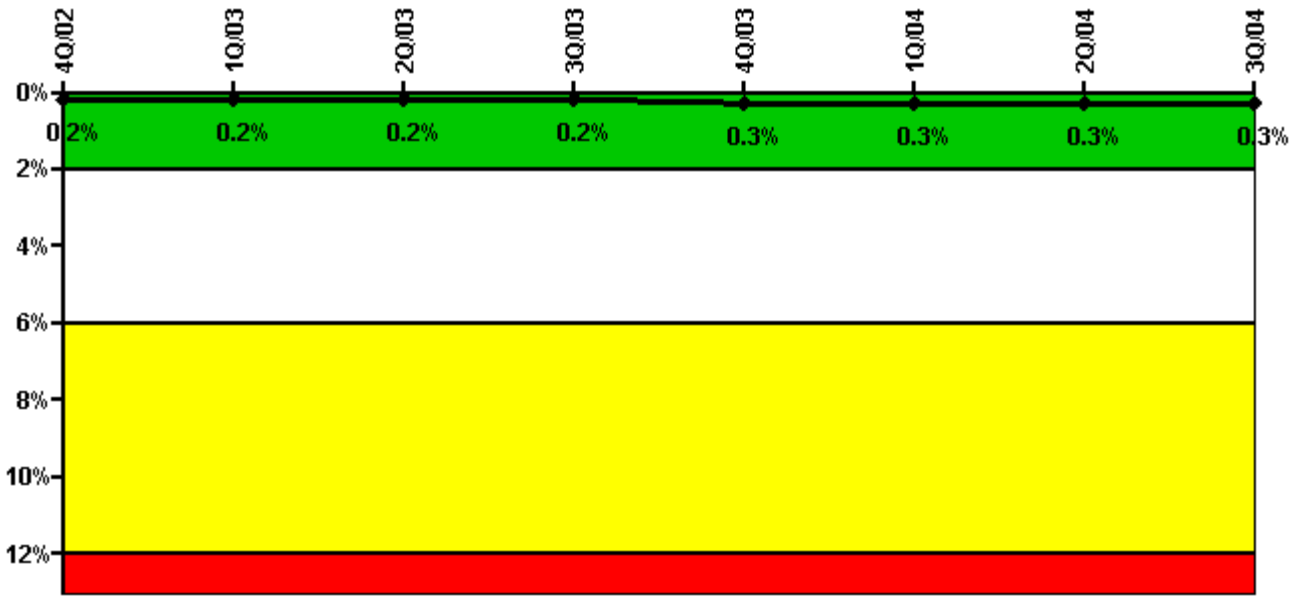
Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	16.52	73.89	19.50	51.40	39.58	36.40	5.50	34.30
Unplanned unavailable hours	18.73	0	0	0	0	0	0	9.00
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	1830.60	2208.00	2209.00	2184.00	1878.40	2208.00
Train 2								
Planned unavailable hours	9.28	41.42	17.13	25.30	21.20	10.70	1.20	4.10
Unplanned unavailable hours	0	7.65	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	1830.60	2208.00	2209.00	2184.00	1878.40	2208.00
Indicator value	0.7%	1.0%	1.1%	1.2%	1.3%	1.3%	1.2%	1.2%

Licensee Comments:

3Q/04: Harris has submitted an FAQ which may affect High Pressure Injection System unavailability for the third quarter of 2004. Also, High Pressure Injection System Train 1, 161.5 hours of T/2 fault exposure hours.

Safety System Unavailability, Heat Removal System (AFW)



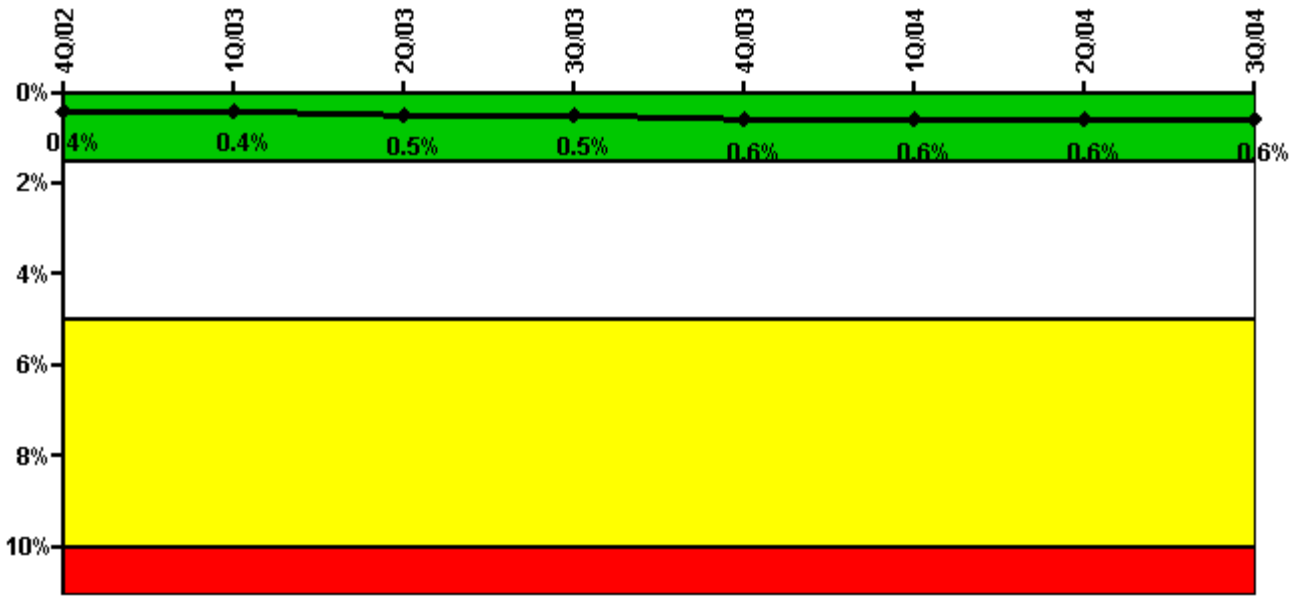
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	1.30	2.30	1.13	7.70	1.20	10.40	2.50	3.80
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	1731.15	2208.00	2209.00	2184.00	1878.40	2208.00
Train 2								
Planned unavailable hours	2.60	5.20	2.83	10.60	1.20	2.50	1.70	11.30
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	1731.15	2208.00	2209.00	2184.00	1878.40	2208.00
Train 3								
Planned unavailable hours	9.00	21.80	5.57	19.50	0	0	6.50	6.20
Unplanned unavailable hours	0	0	0	0	27.50	0	38.20	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	2209.00	2160.00	1731.15	2208.00	2209.00	2184.00	1878.40	2208.00
Indicator value	0.2%	0.2%	0.2%	0.2%	0.3%	0.3%	0.3%	0.3%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



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

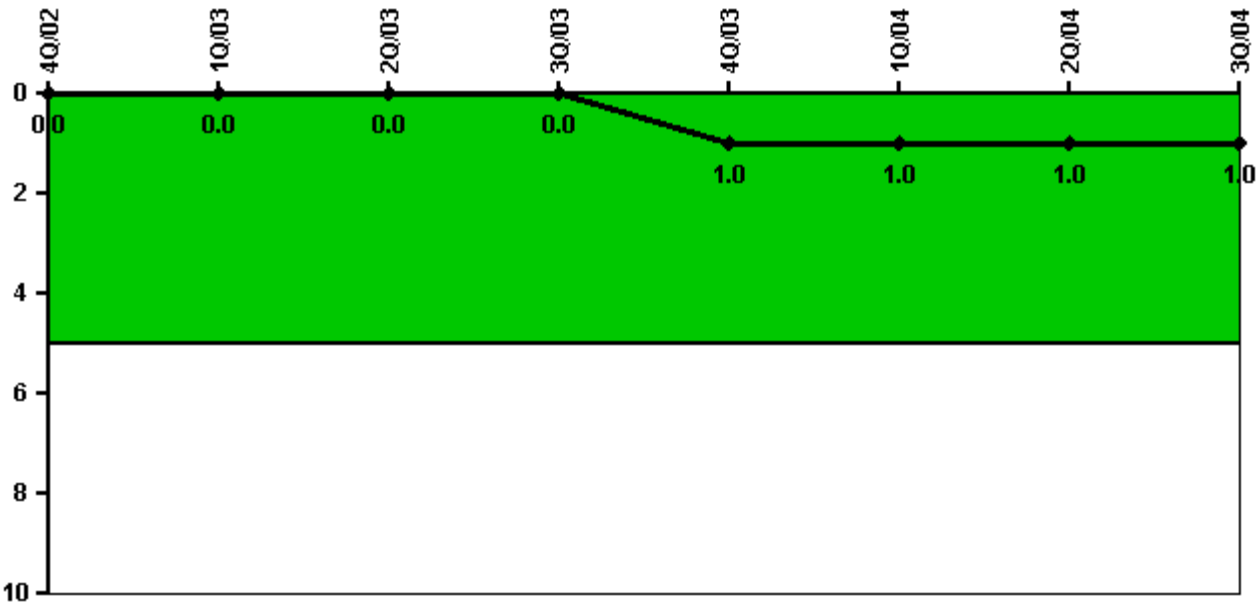
Notes

Safety System Unavailability, Residual Heat Removal System	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	9.88	6.12	15.05	24.40	8.60	15.40	14.60	40.40
Unplanned unavailable hours	0	0	0	0	0	0	8.10	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	2209.00	2160.00	2097.50	2208.00	2209.00	2184.00	2183.00	2208.00
Train 2								
Planned unavailable hours	4.42	31.90	5.17	12.90	12.00	3.10	1.20	15.60
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	2097.50	2208.00	2209.00	2184.00	2183.00	2208.00
Indicator value	0.4%	0.4%	0.5%	0.5%	0.6%	0.6%	0.6%	0.6%

Licensee Comments:

3Q/04: Harris has submitted an FAQ which may affect RHR system unavailability for the third quarter of 2004.

Safety System Functional Failures (PWR)



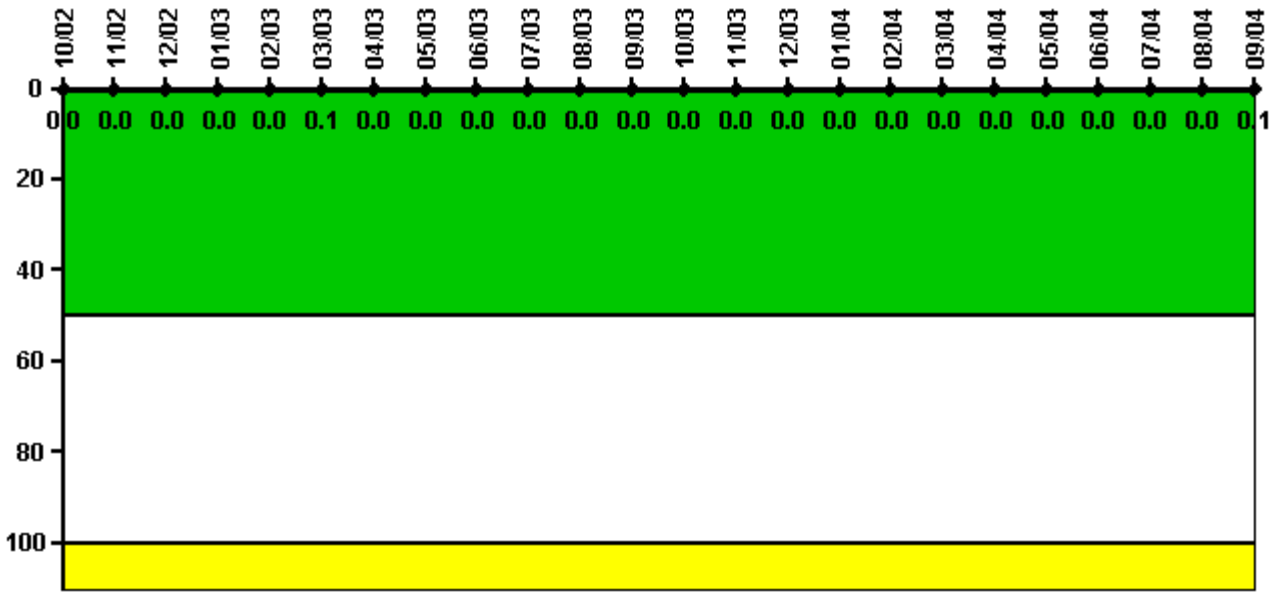
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



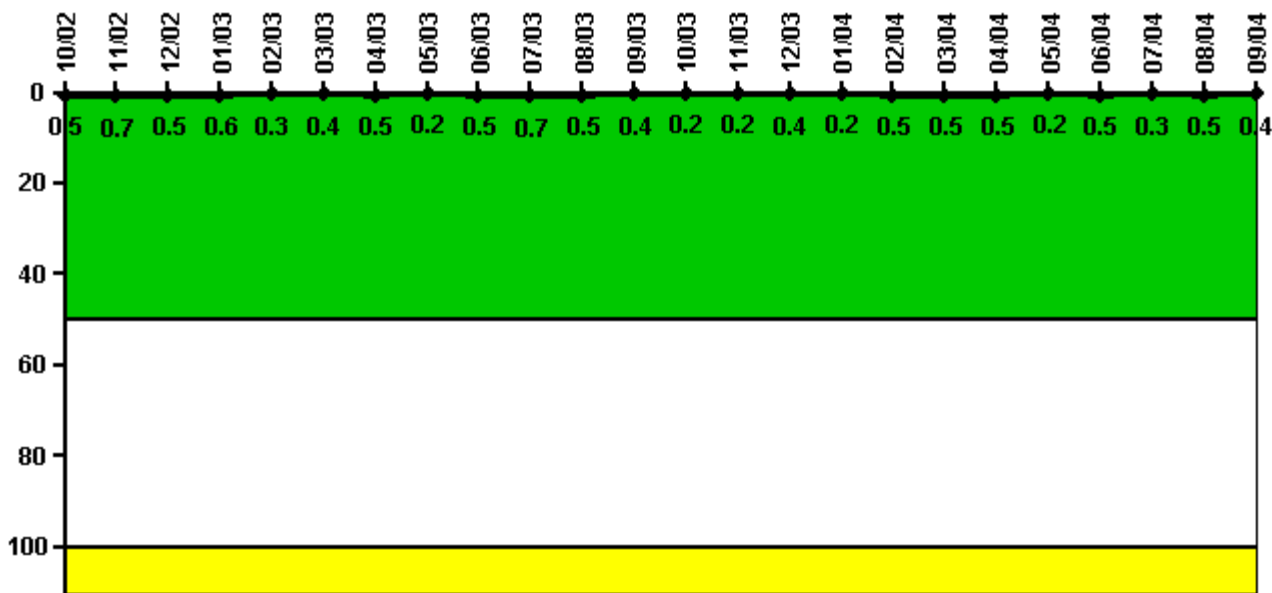
Thresholds: White > 50.0 Yellow > 100.0

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	0.000189	0.000181	0.000187	0.000194	0.000199	0.000732	0.000208	0.000072	0.000086	0.000092	0.000103	0.000100
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0.1	0	0	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	0.000173	0.000099	0.000103	0.000109	0.000113	0.000110	0.000113	0.000117	0.000122	0.000125	0.000128	0.000528
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0.1

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

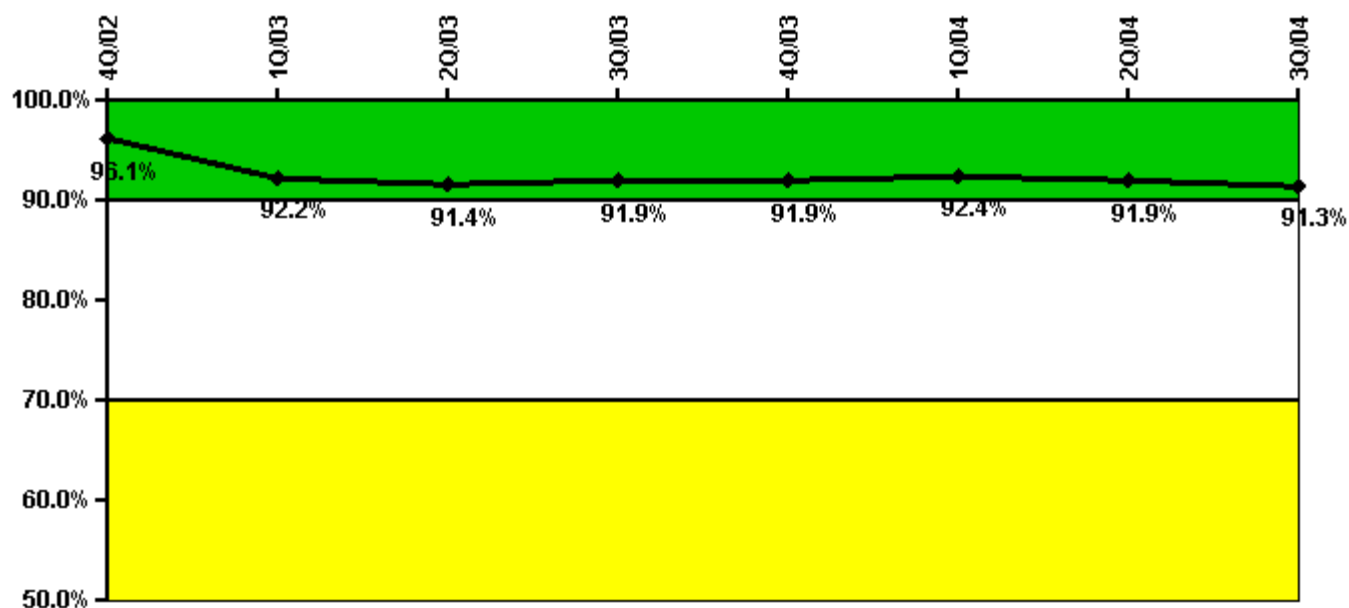
Notes

Reactor Coolant System Leakage	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03
Maximum leakage	0.050	0.070	0.050	0.060	0.030	0.040	0.050	0.020	0.050	0.070	0.050	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	0.7	0.5	0.6	0.3	0.4	0.5	0.2	0.5	0.7	0.5	0.4

Reactor Coolant System Leakage	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04
Maximum leakage	0.020	0.020	0.040	0.020	0.050	0.050	0.050	0.020	0.050	0.030	0.050	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.2	0.4	0.2	0.5	0.5	0.5	0.2	0.5	0.3	0.5	0.4

Licensee Comments: none

Drill/Exercise Performance



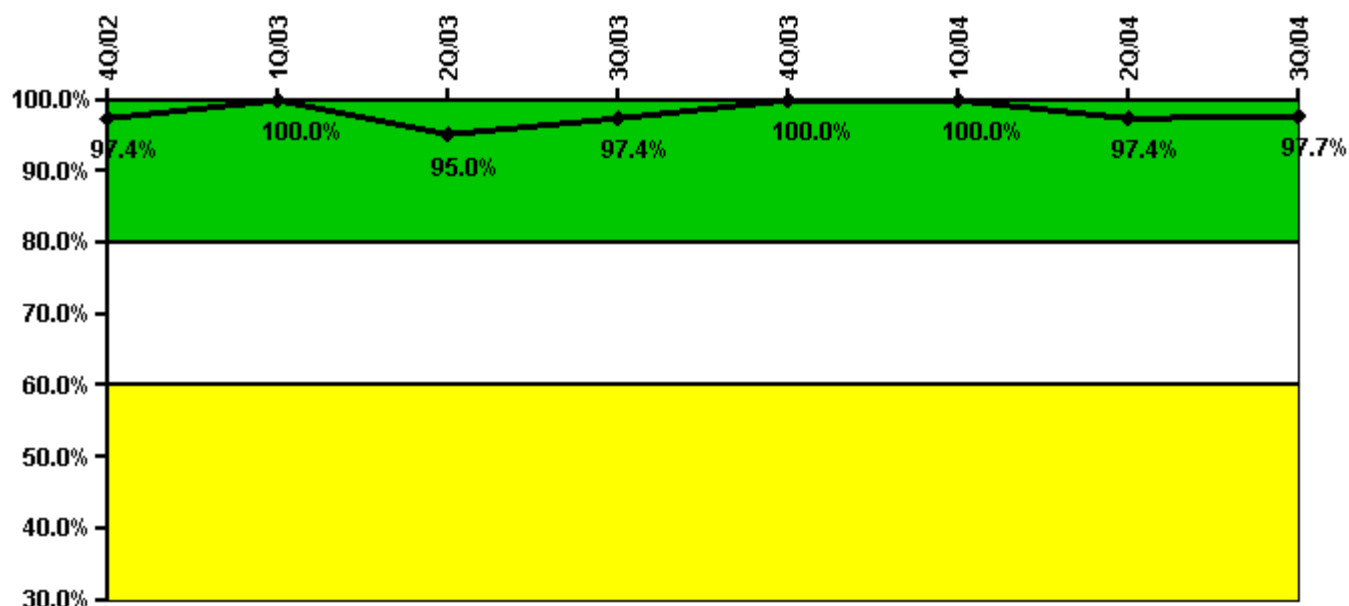
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Successful opportunities	26.0	63.0	37.0	20.0	23.0	34.0	18.0	21.0
Total opportunities	28.0	73.0	40.0	20.0	25.0	36.0	20.0	23.0
Indicator value	96.1%	92.2%	91.4%	91.9%	91.9%	92.4%	91.9%	91.3%

Licensee Comments: none

ERO Drill Participation



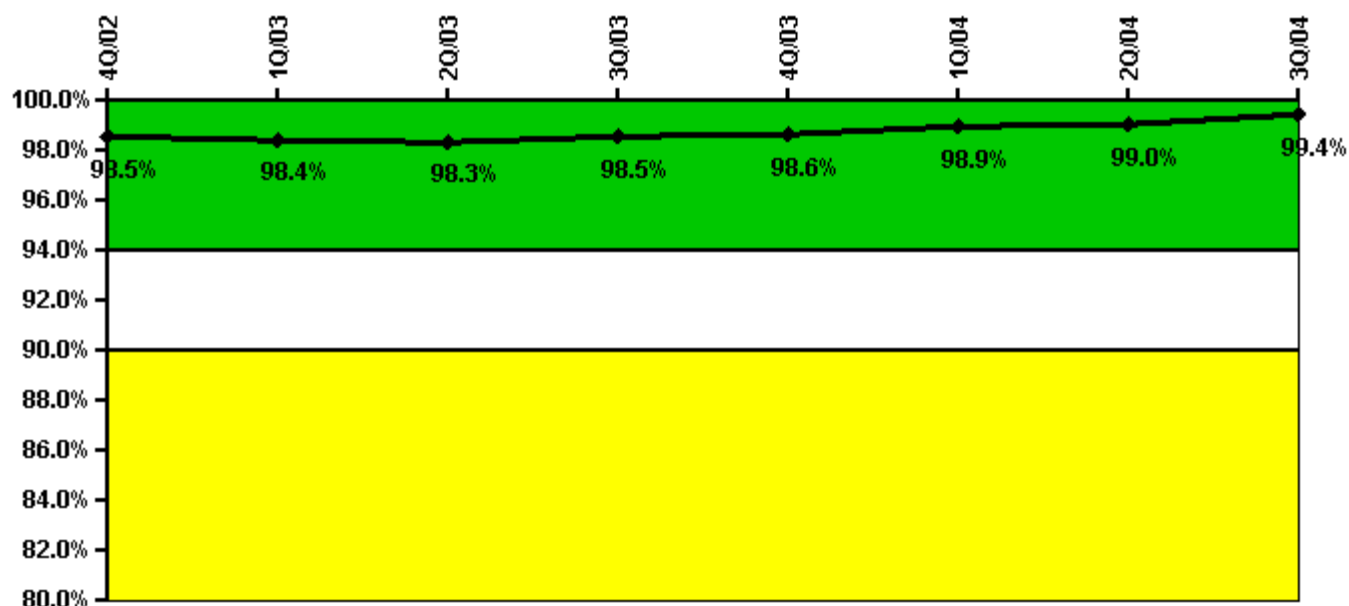
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Participating Key personnel	38.0	37.0	38.0	38.0	36.0	36.0	38.0	42.0
Total Key personnel	39.0	37.0	40.0	39.0	36.0	36.0	39.0	43.0
Indicator value	97.4%	100.0%	95.0%	97.4%	100.0%	100.0%	97.4%	97.7%

Licensee Comments: none

Alert & Notification System



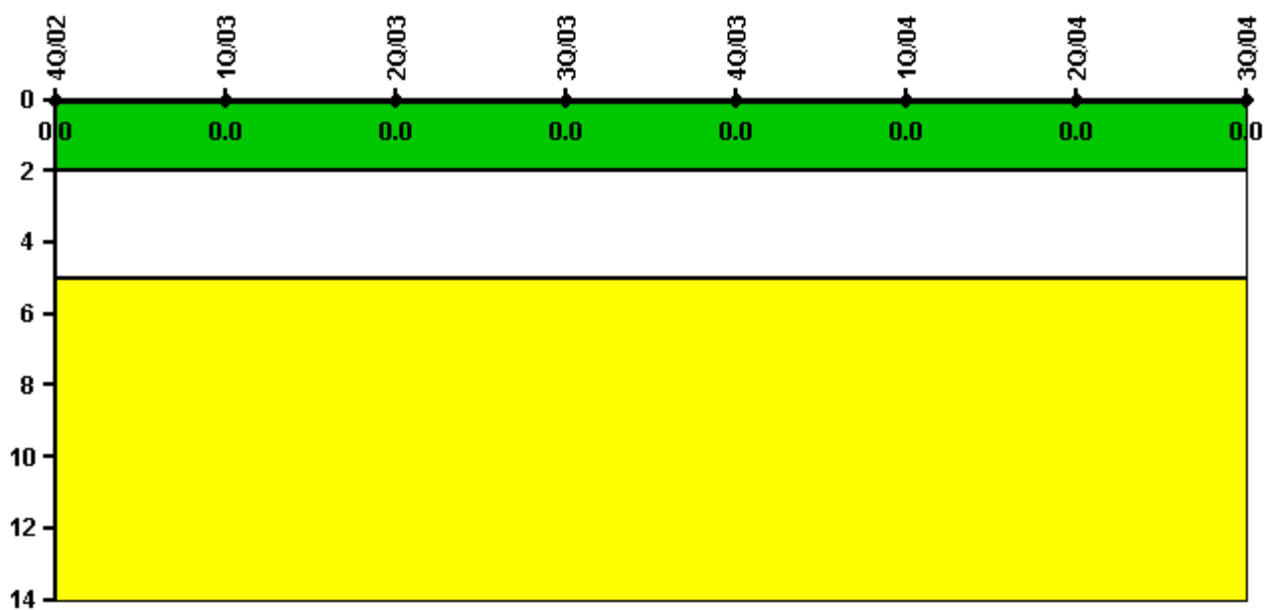
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Successful siren-tests	640	558	643	633	642	565	647	642
Total sirens-tests	648	567	648	648	648	567	648	648
Indicator value	98.5%	98.4%	98.3%	98.5%	98.6%	98.9%	99.0%	99.4%

Licensee Comments: none

Occupational Exposure Control Effectiveness



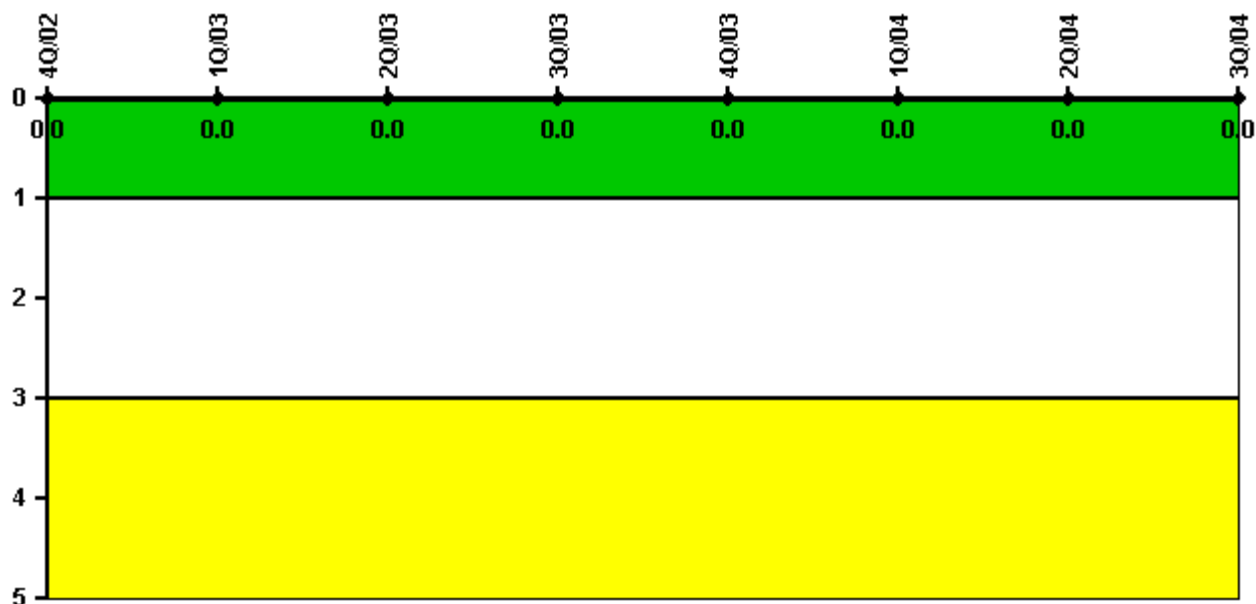
Thresholds: White > 2.0 Yellow > 5.0

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	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/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	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](#)

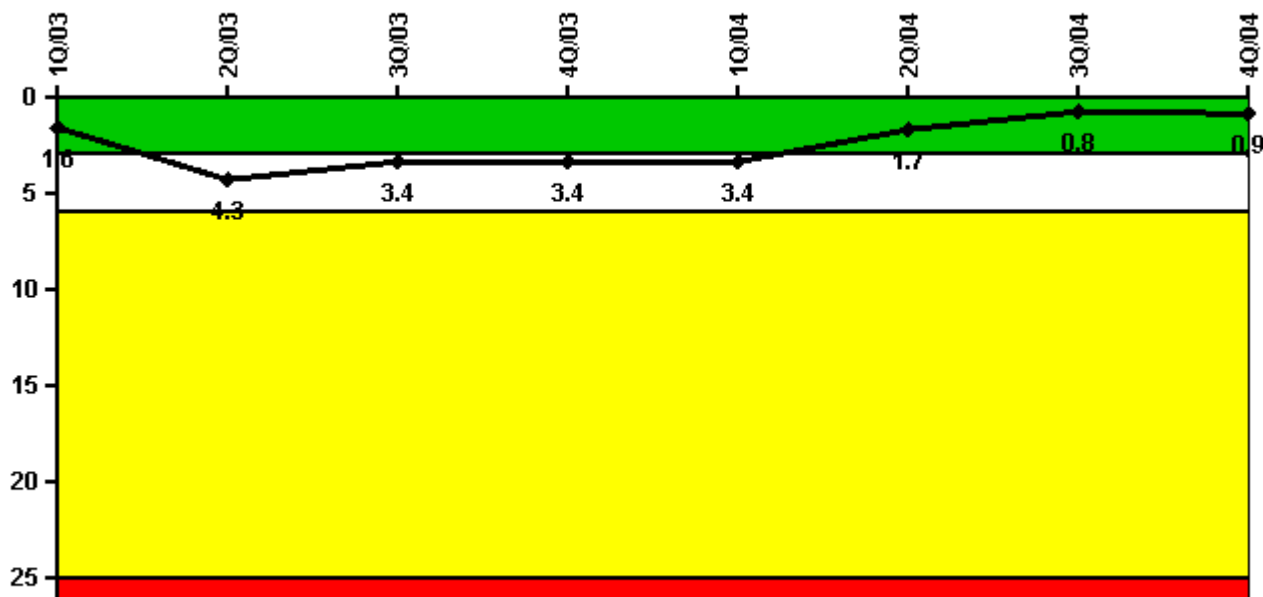
Last Modified: October 25, 2004

Harris 1

4Q/2004 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



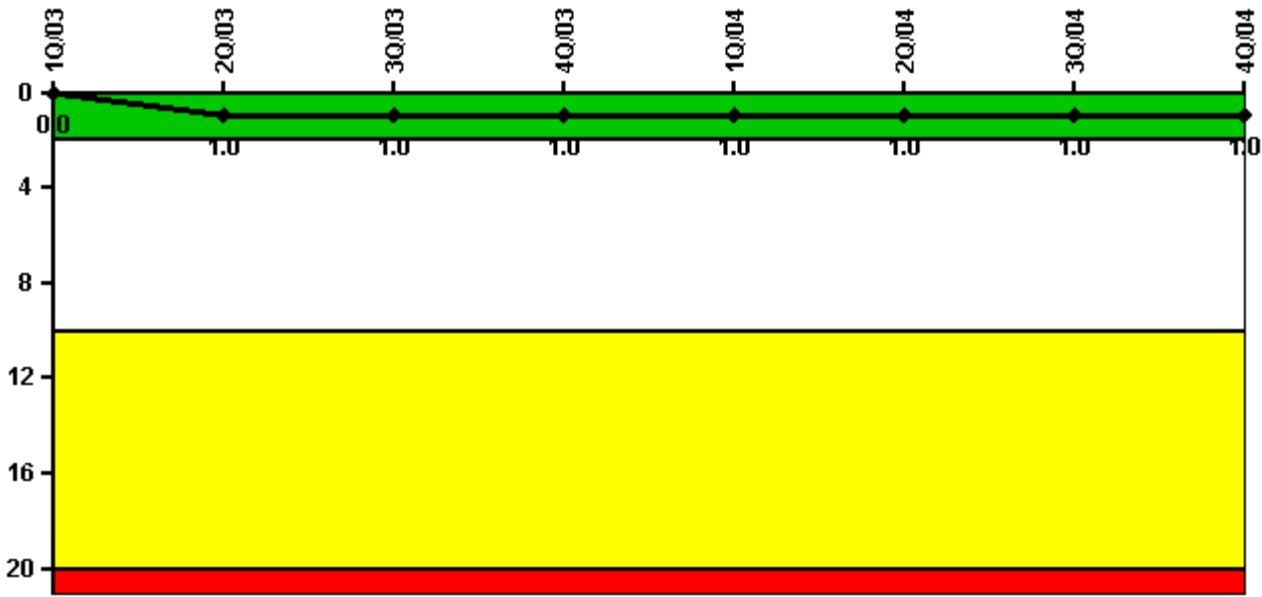
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Unplanned scrams	0	3.0	1.0	0	0	1.0	0	0
Critical hours	2160.0	1605.6	2190.4	2209.0	2184.0	1878.4	2208.0	1476.2
Indicator value	1.6	4.3	3.4	3.4	3.4	1.7	0.8	0.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



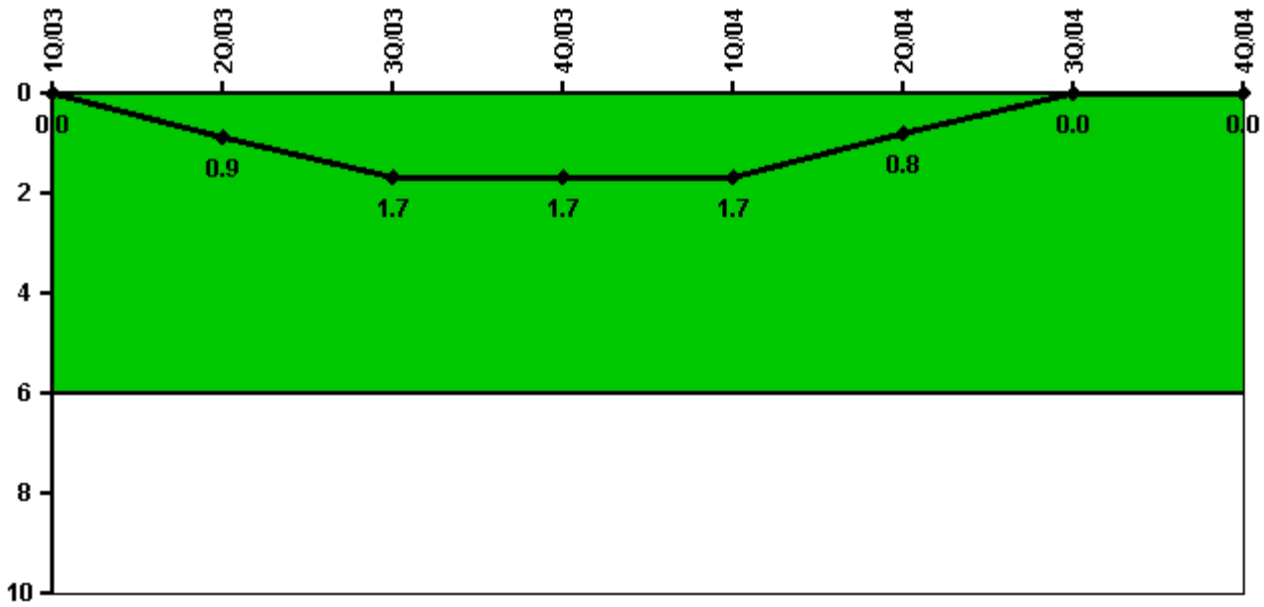
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



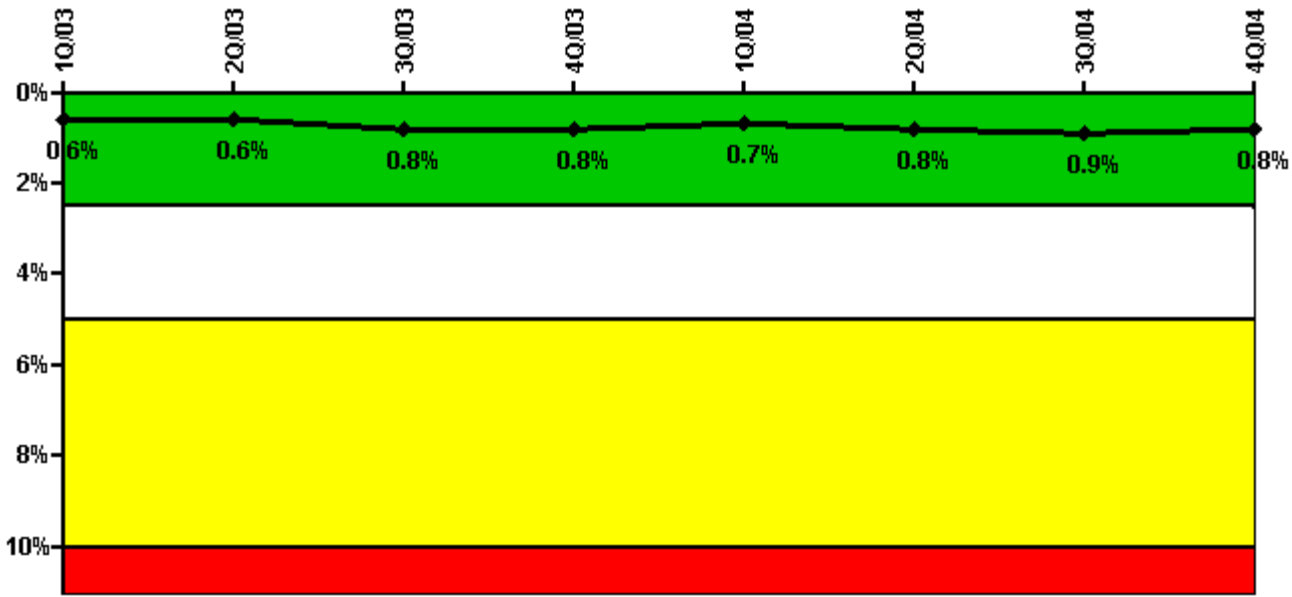
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Unplanned power changes	0	1.0	1.0	0	0	0	0	0
Critical hours	2160.0	1605.6	2190.4	2209.0	2184.0	1878.4	2208.0	1476.2
Indicator value	0	0.9	1.7	1.7	1.7	0.8	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



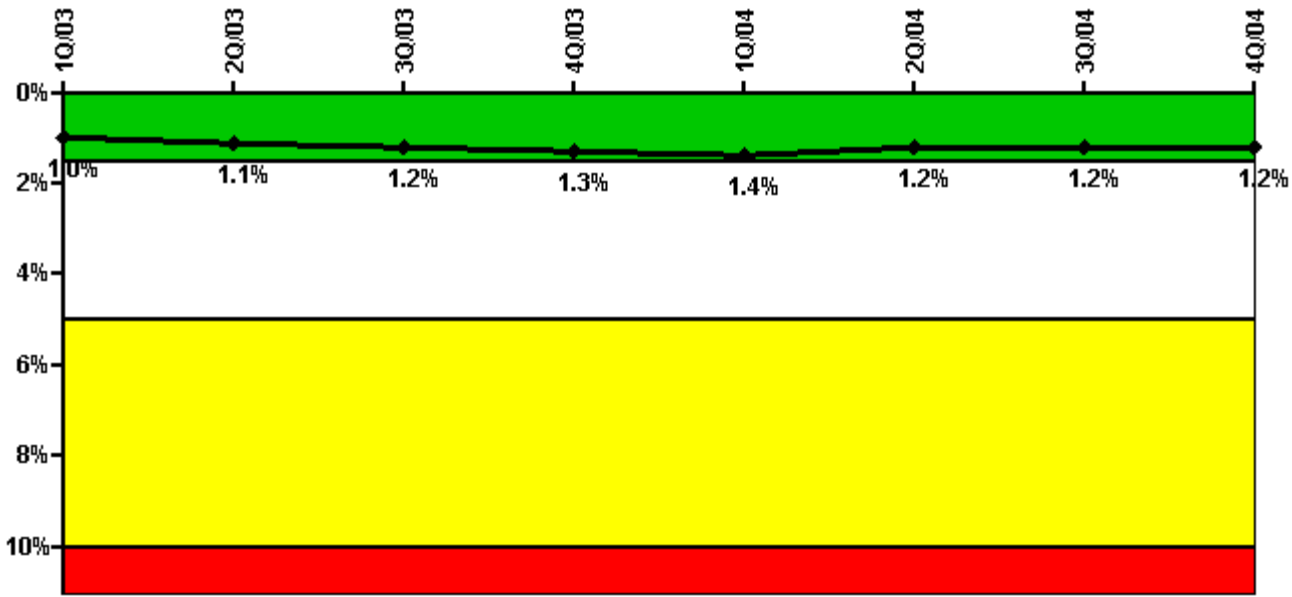
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours	1.97	17.75	33.50	20.74	1.78	31.25	45.30	1.40
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	1859.58	2208.00	2209.00	2184.00	2105.83	2208.00	2081.50
Train 2								
Planned unavailable hours	24.03	2.57	68.78	8.45	20.37	2.95	36.70	5.10
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2152.97	2208.00	2209.00	2184.00	2025.87	2208.00	1941.80
Indicator value	0.6%	0.6%	0.8%	0.8%	0.7%	0.8%	0.9%	0.8%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



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

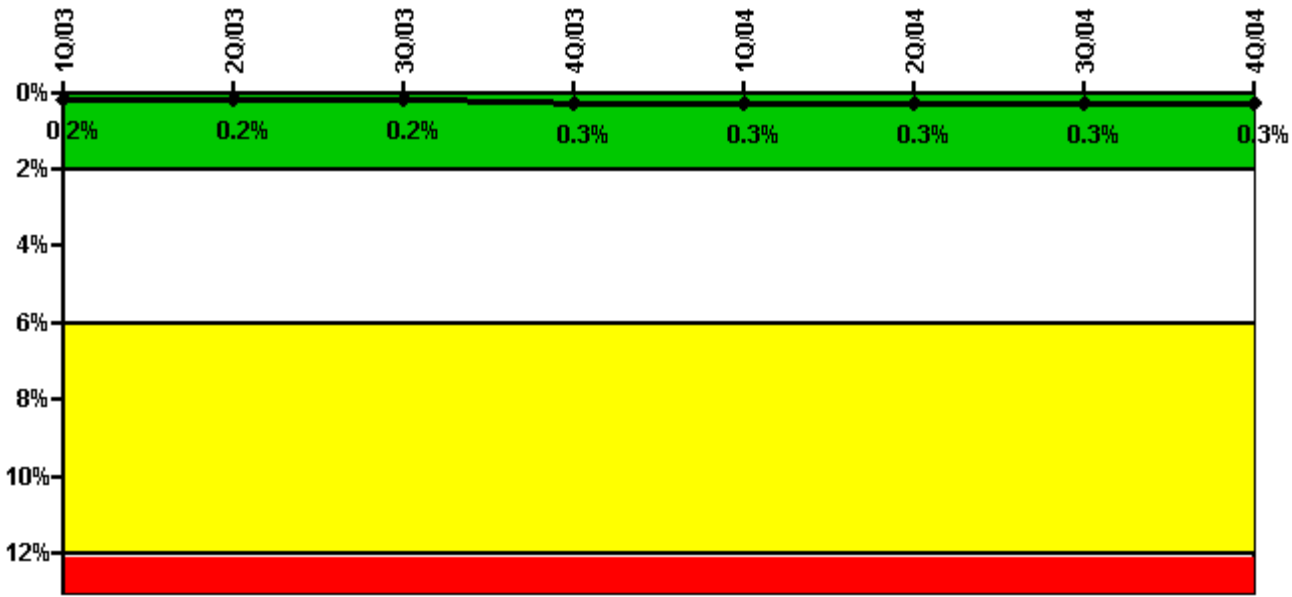
Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours	74.99	19.50	51.40	39.58	36.40	5.50	34.30	2.20
Unplanned unavailable hours	0	0	0	0	0	0	9.00	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	1830.60	2208.00	2209.00	2184.00	1878.40	2208.00	1476.30
Train 2								
Planned unavailable hours	41.42	17.13	25.30	21.20	10.70	1.20	4.10	1.80
Unplanned unavailable hours	7.65	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	1830.60	2208.00	2209.00	2184.00	1878.40	2208.00	1476.30
Indicator value	1.0%	1.1%	1.2%	1.3%	1.4%	1.2%	1.2%	1.2%

Licensee Comments:

1Q/03: 1.1 hours of planned unavailability was added to the March 2003 data for Train 1. This additional unavailability was accrued during testing and identified by HNP during a review of previously submitted safety system unavailability data. This correction does not affect the color of the performance indicator.

Safety System Unavailability, Heat Removal System (AFW)



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

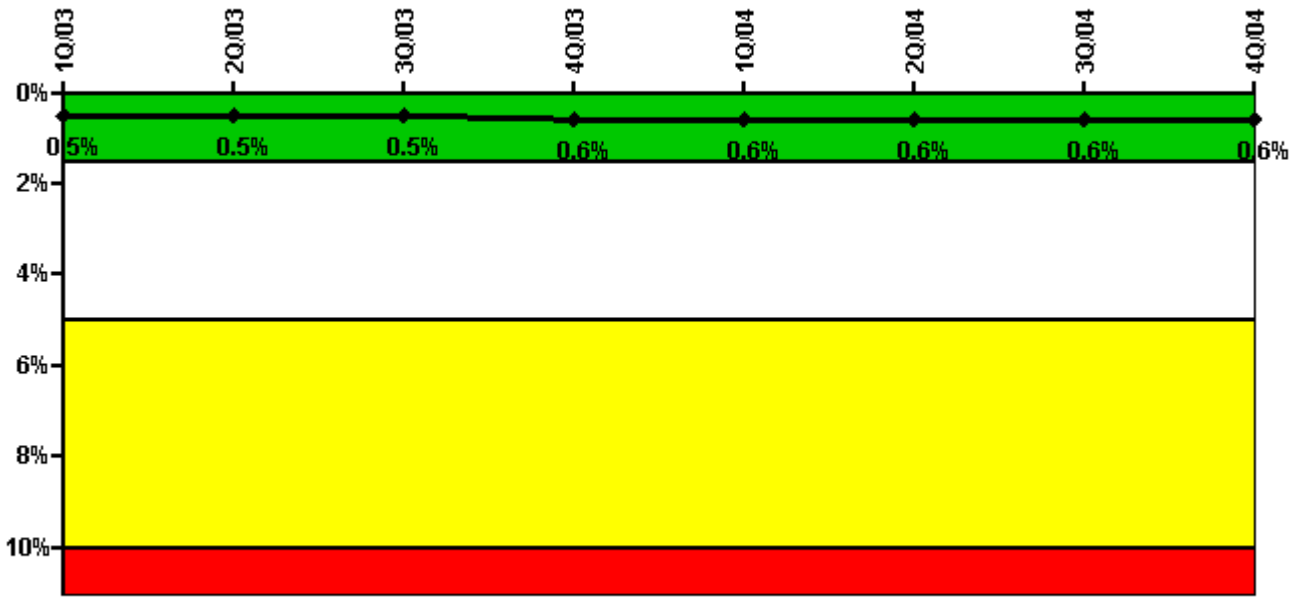
Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours	3.40	1.13	7.70	1.20	10.40	2.50	3.80	7.00
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	1731.15	2208.00	2209.00	2184.00	1878.40	2208.00	1476.30
Train 2								
Planned unavailable hours	5.20	2.83	10.60	1.20	2.50	1.70	11.30	0.90
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	1731.15	2208.00	2209.00	2184.00	1878.40	2208.00	1476.30
Train 3								
Planned unavailable hours	21.80	5.57	19.50	0	0	6.50	6.20	0.90
Unplanned unavailable hours	0	0	0	27.50	0	38.20	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	1731.15	2208.00	2209.00	2184.00	1878.40	2208.00	1476.30
Indicator value	0.2%	0.2%	0.2%	0.3%	0.3%	0.3%	0.3%	0.3%

Licensee Comments:

1Q/03: 1.1 hours of planned unavailability was added to the March 2003 data for Train 1. This additional unavailability was accrued during testing and identified by HNP during a review of previously submitted safety system unavailability data. This correction does not affect the color of the performance indicator.

Safety System Unavailability, Residual Heat Removal System



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

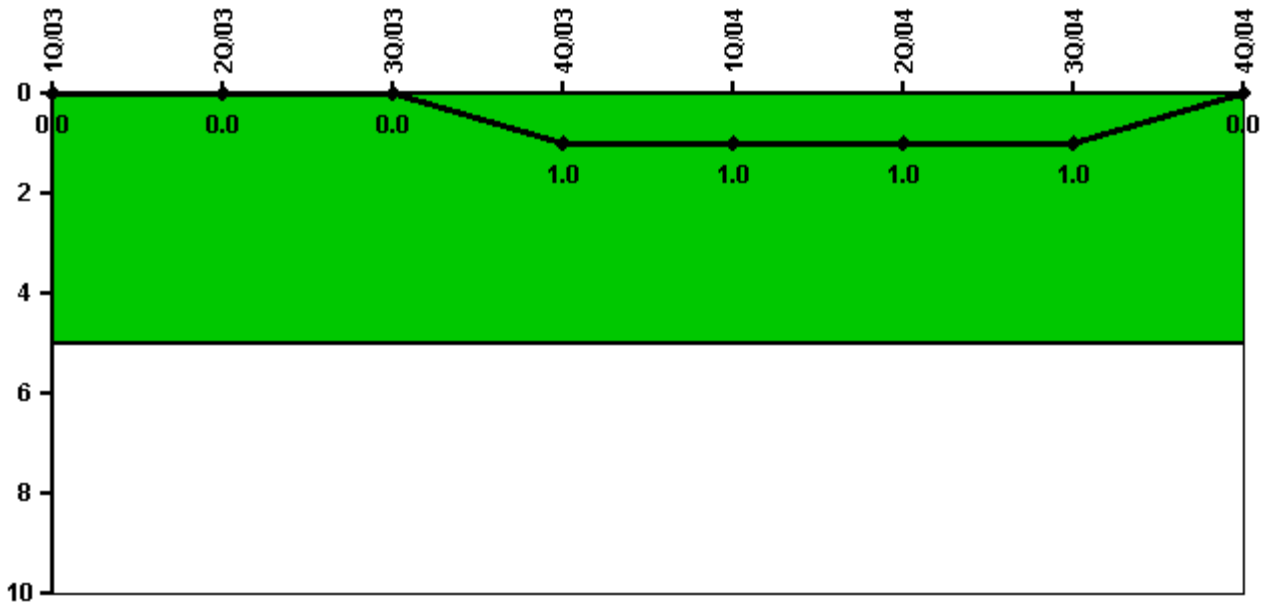
Notes

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	7.22	15.05	24.40	8.60	15.40	14.60	40.40	8.90
Unplanned unavailable hours	0	0	0	0	0	8.10	0	3.20
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2097.50	2208.00	2209.00	2184.00	2183.00	2208.00	2208.00
Train 2								
Planned unavailable hours	31.90	5.17	12.90	12.00	3.10	1.20	15.60	0.90
Unplanned unavailable hours	0	0	0	0	0	0	0	1.40
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2097.50	2208.00	2209.00	2184.00	2183.00	2208.00	2208.00
Indicator value	0.5%	0.5%	0.5%	0.6%	0.6%	0.6%	0.6%	0.6%

Licensee Comments:

1Q/03: 1.1 hours of planned unavailability was added to the March 2003 data for Train 1. This additional unavailability was accrued during testing and identified by HNP during a review of previously submitted safety system unavailability data. This correction does not affect the color of the performance indicator.

Safety System Functional Failures (PWR)



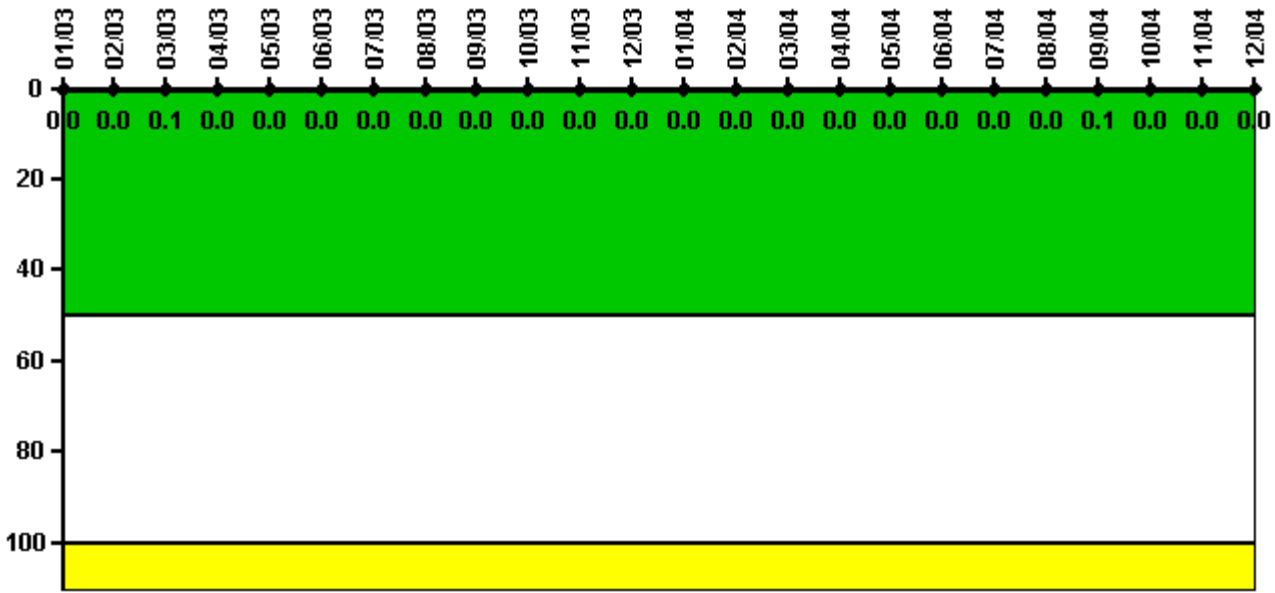
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



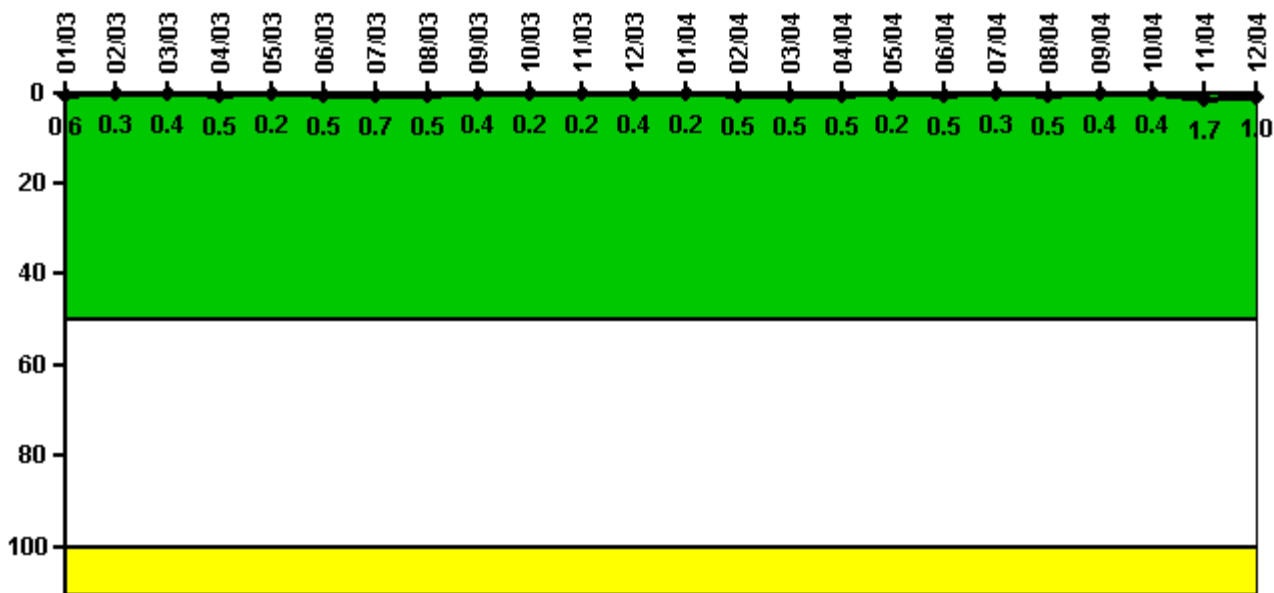
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	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	0.000194	0.000199	0.000732	0.000208	0.000072	0.000086	0.000092	0.000103	0.000100	0.000173	0.000099	0.000103
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0.1	0	0	0	0	0	0	0	0	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	0.000109	0.000113	0.000110	0.000113	0.000117	0.000122	0.000125	0.000128	0.000528	0.000148	0.000059	0.000062
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0.1	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



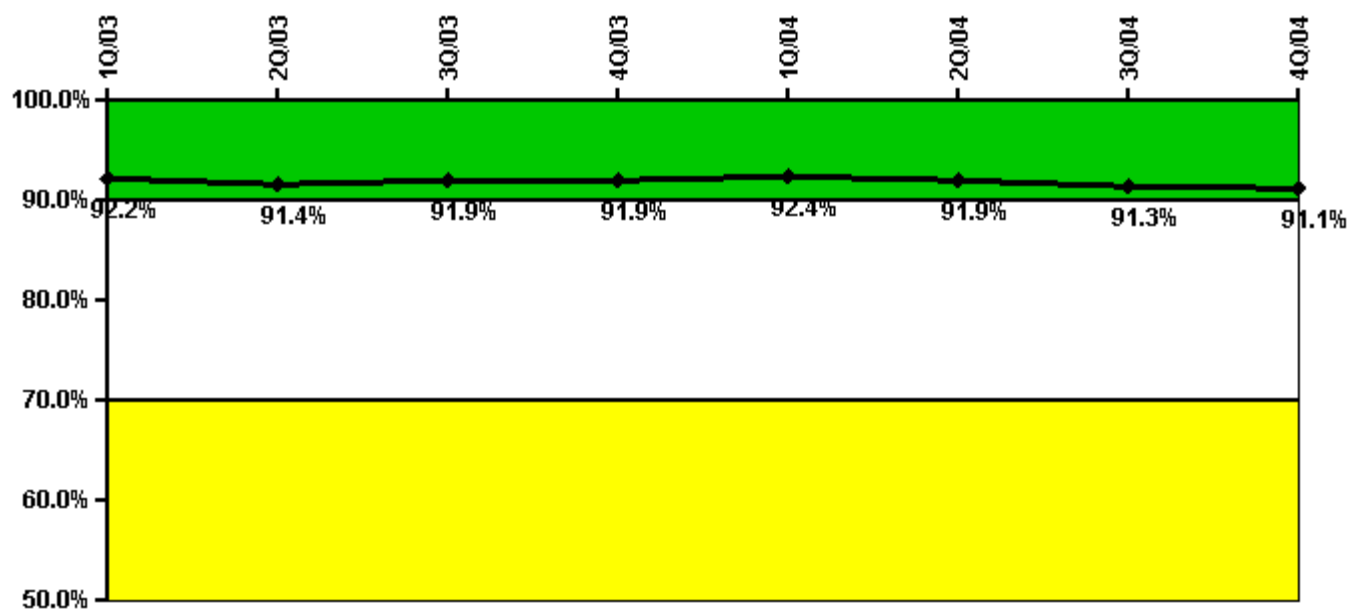
Thresholds: White > 50.0 Yellow > 100.0

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	0.060	0.030	0.040	0.050	0.020	0.050	0.070	0.050	0.040	0.020	0.020	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.6	0.3	0.4	0.5	0.2	0.5	0.7	0.5	0.4	0.2	0.2	0.4
Reactor Coolant System Leakage	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04
Maximum leakage	0.020	0.050	0.050	0.050	0.020	0.050	0.030	0.050	0.040	0.040	0.170	0.100
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.5	0.5	0.5	0.2	0.5	0.3	0.5	0.4	0.4	1.7	1.0

Licensee Comments: none

Drill/Exercise Performance



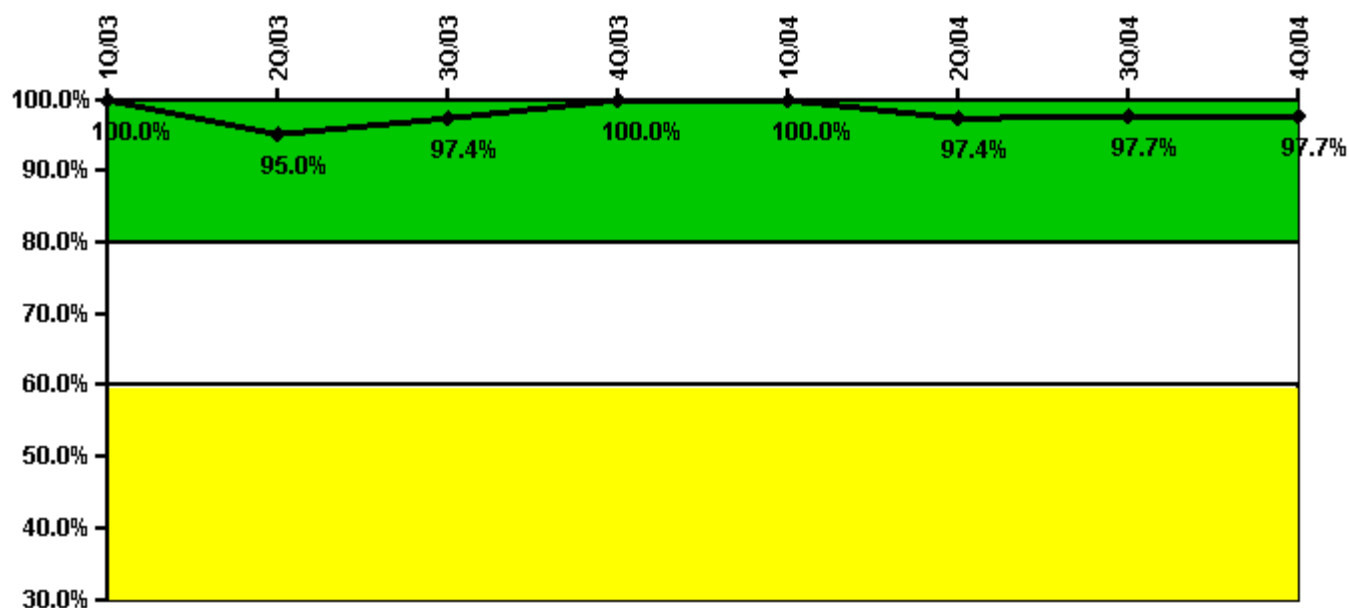
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Successful opportunities	63.0	37.0	20.0	23.0	34.0	18.0	21.0	0
Total opportunities	73.0	40.0	20.0	25.0	36.0	20.0	23.0	0
Indicator value	92.2%	91.4%	91.9%	91.9%	92.4%	91.9%	91.3%	91.1%

Licensee Comments: none

ERO Drill Participation



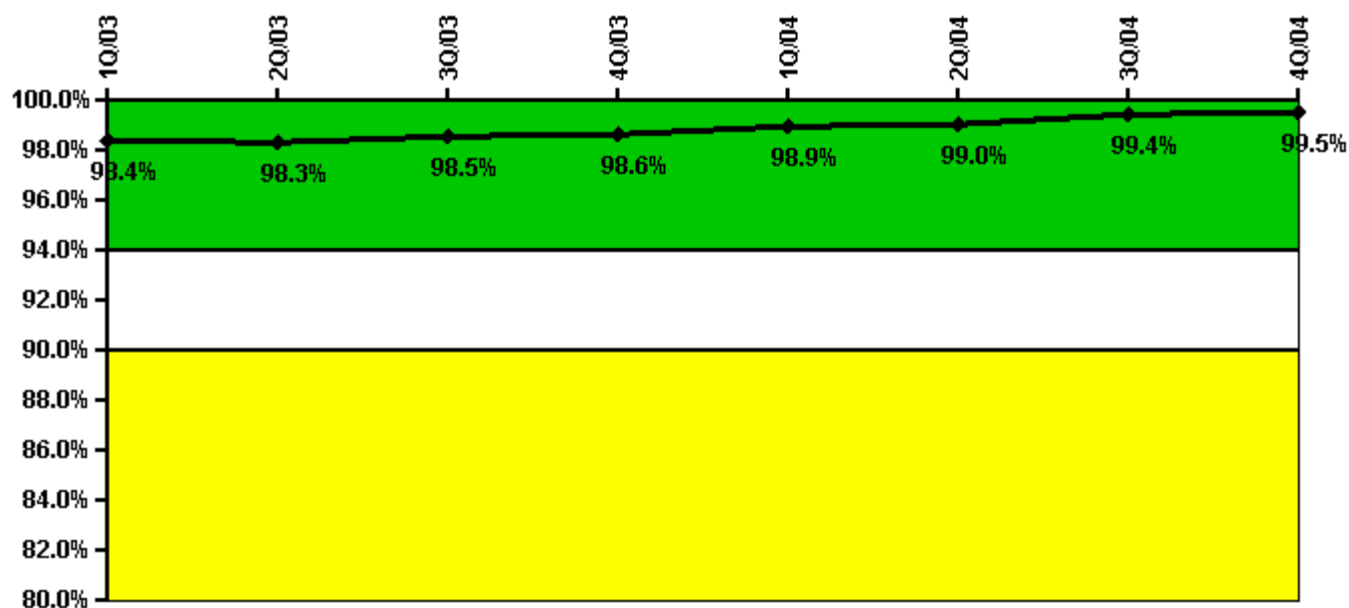
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Participating Key personnel	37.0	38.0	38.0	36.0	36.0	38.0	42.0	42.0
Total Key personnel	37.0	40.0	39.0	36.0	36.0	39.0	43.0	43.0
Indicator value	100.0%	95.0%	97.4%	100.0%	100.0%	97.4%	97.7%	97.7%

Licensee Comments: none

Alert & Notification System



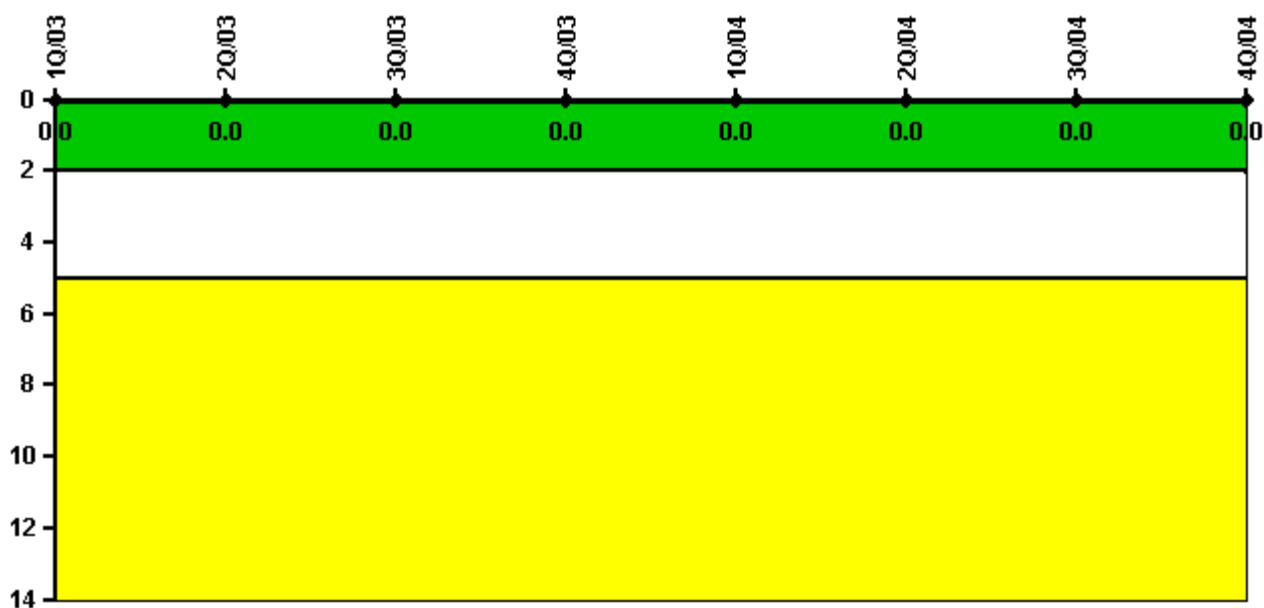
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Successful siren-tests	558	643	633	642	565	647	642	646
Total sirens-tests	567	648	648	648	567	648	648	649
Indicator value	98.4%	98.3%	98.5%	98.6%	98.9%	99.0%	99.4%	99.5%

Licensee Comments: none

Occupational Exposure Control Effectiveness



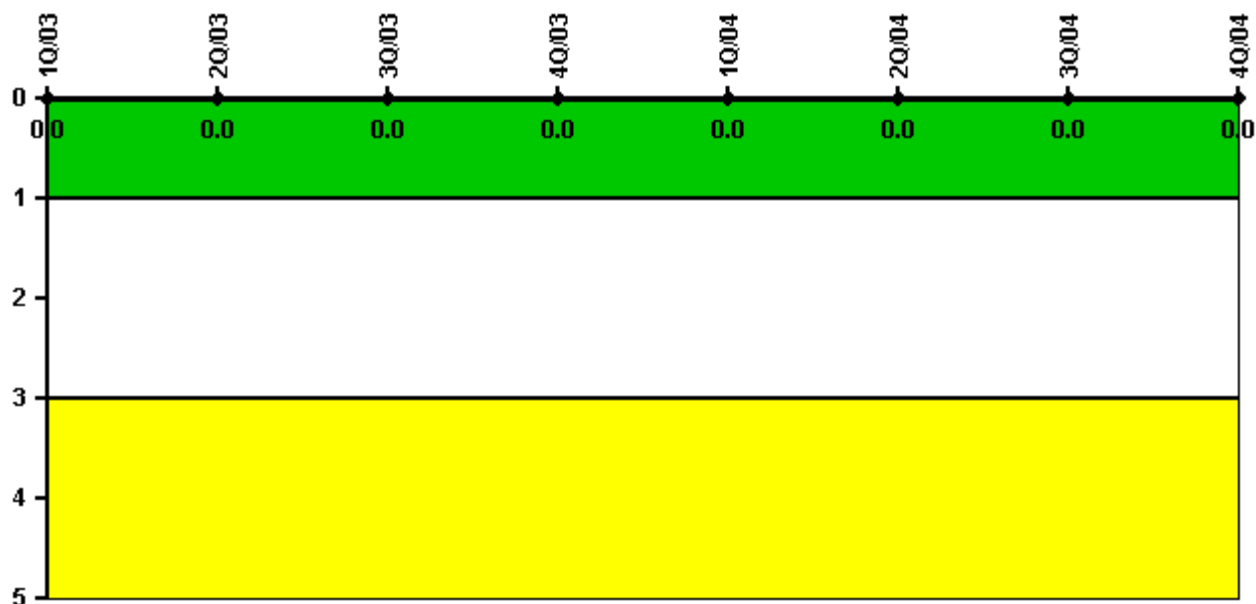
Thresholds: White > 2.0 Yellow > 5.0

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	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/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](#)

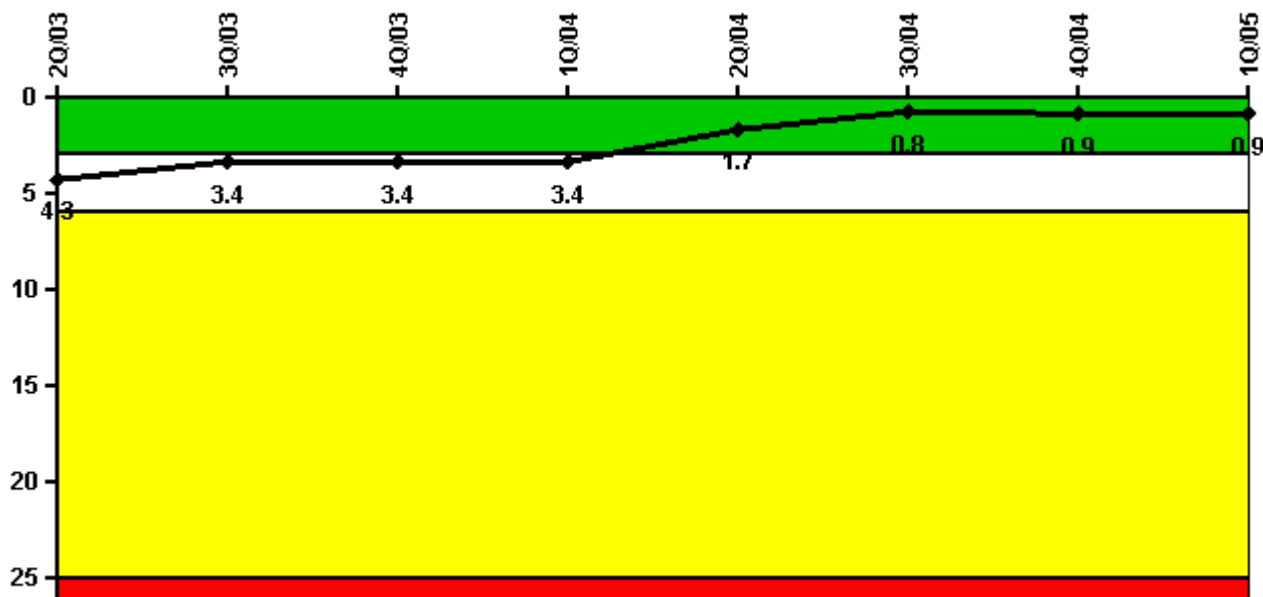
Last Modified: March 9, 2005

Harris 1

1Q/2005 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



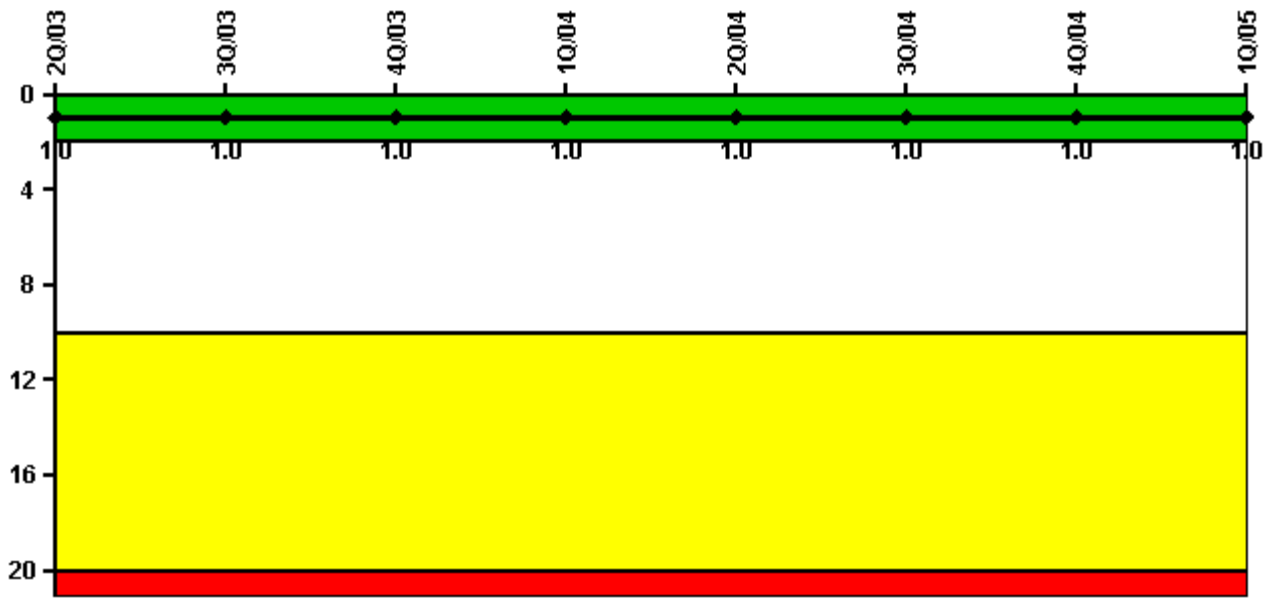
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Unplanned scrams	3.0	1.0	0	0	1.0	0	0	0
Critical hours	1605.6	2190.4	2209.0	2184.0	1878.4	2208.0	1476.2	2160.0
Indicator value	4.3	3.4	3.4	3.4	1.7	0.8	0.9	0.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



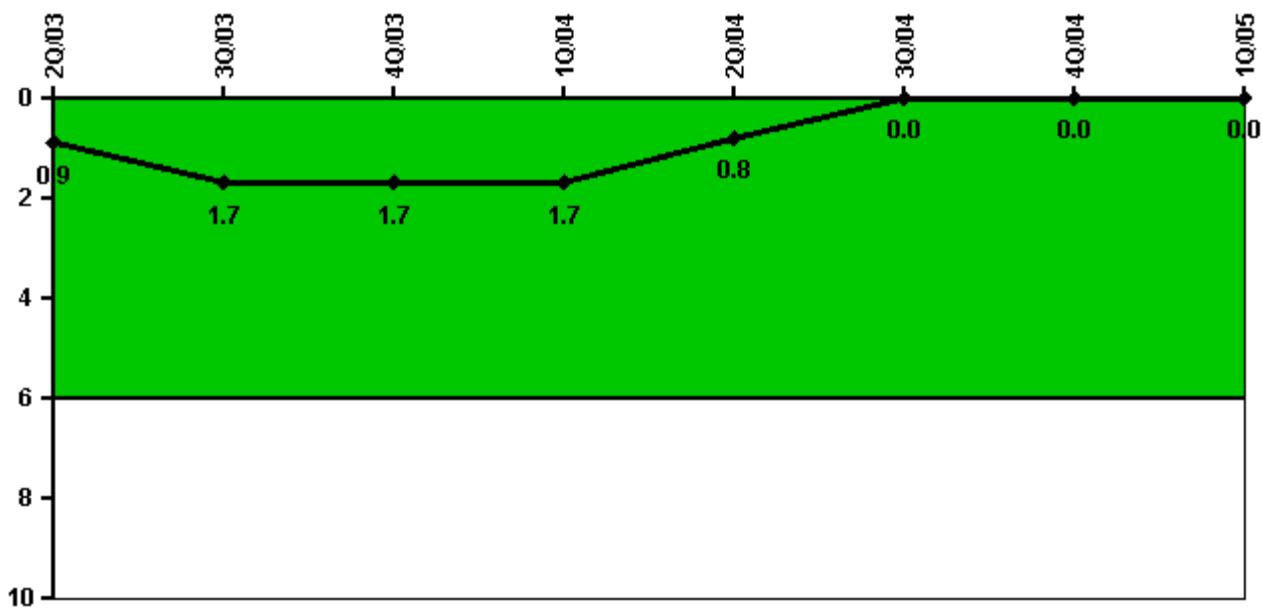
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



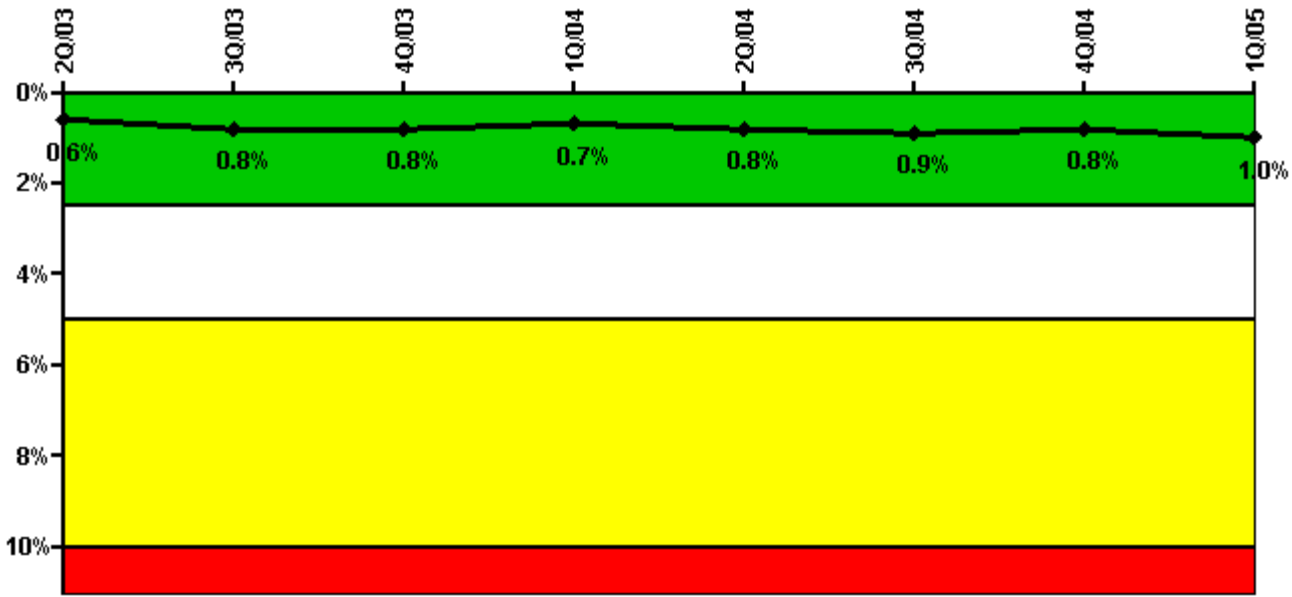
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Unplanned power changes	1.0	1.0	0	0	0	0	0	0
Critical hours	1605.6	2190.4	2209.0	2184.0	1878.4	2208.0	1476.2	2160.0
Indicator value	0.9	1.7	1.7	1.7	0.8	0	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



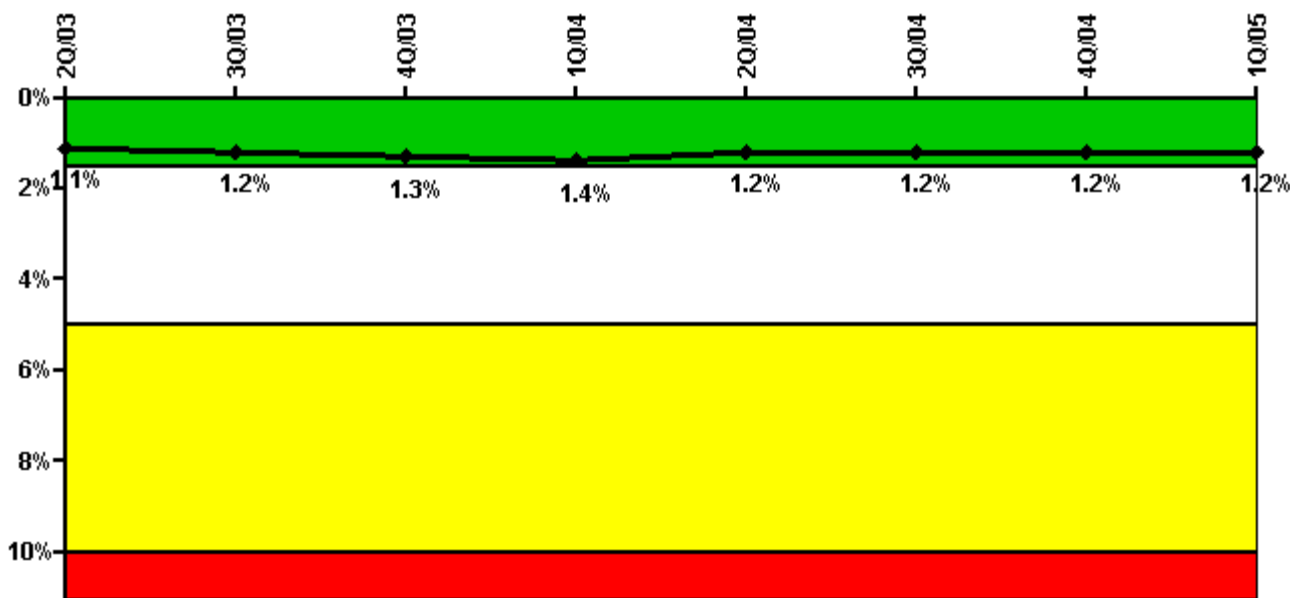
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	17.75	33.50	20.74	1.78	31.25	45.30	1.40	38.80
Unplanned unavailable hours	0	0	0	0	0	0	0	4.20
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1859.58	2208.00	2209.00	2184.00	2105.83	2208.00	2081.50	2160.00
Train 2								
Planned unavailable hours	2.57	68.78	8.45	20.37	2.95	36.70	5.10	35.40
Unplanned unavailable hours	0	0	0	0	0	0	0	49.40
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2152.97	2208.00	2209.00	2184.00	2025.87	2208.00	1941.80	2160.00
Indicator value	0.6%	0.8%	0.8%	0.7%	0.8%	0.9%	0.8%	1.0%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



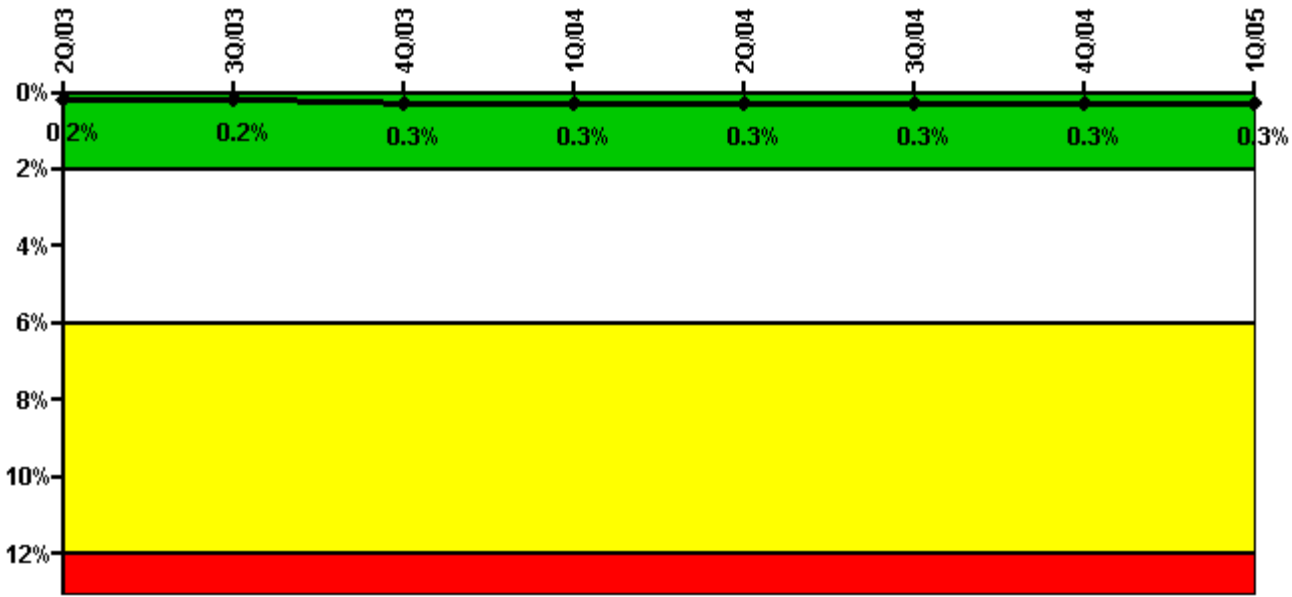
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	19.50	51.40	39.58	36.40	5.50	34.30	2.20	23.80
Unplanned unavailable hours	0	0	0	0	0	9.00	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1830.60	2208.00	2209.00	2184.00	1878.40	2208.00	1476.30	2160.00
Train 2								
Planned unavailable hours	17.13	25.30	21.20	10.70	1.20	4.10	1.80	7.60
Unplanned unavailable hours	0	0	0	0	0	0	0	12.10
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1830.60	2208.00	2209.00	2184.00	1878.40	2208.00	1476.30	2160.00
Indicator value	1.1%	1.2%	1.3%	1.4%	1.2%	1.2%	1.2%	1.2%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



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

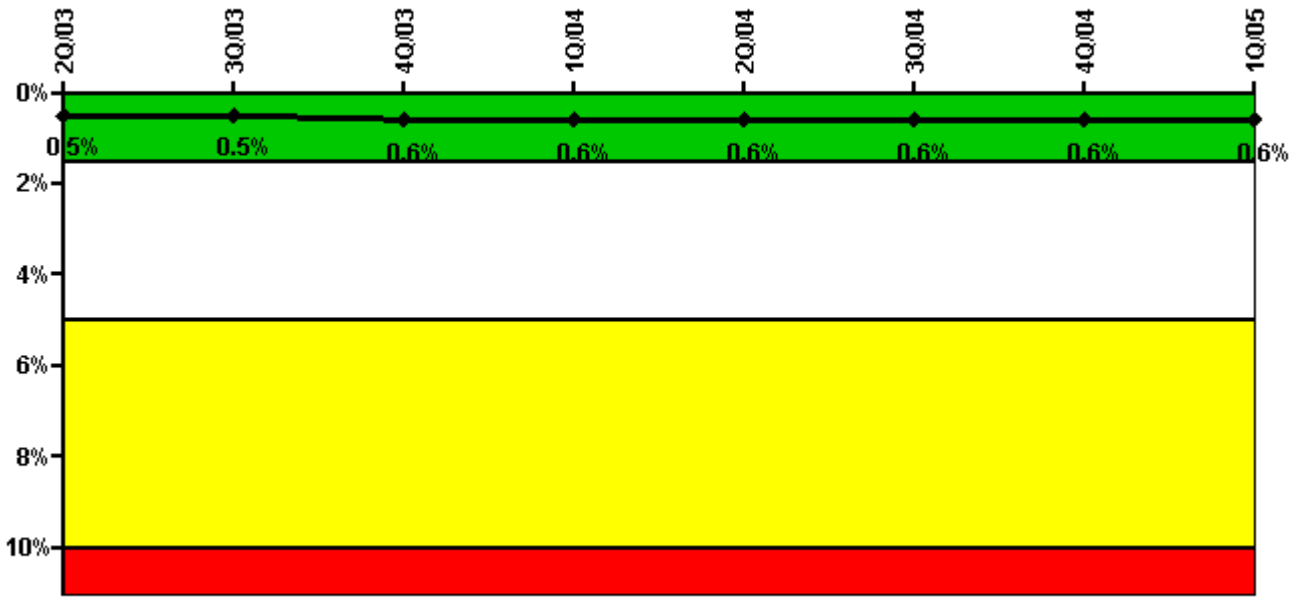
Notes

Safety System Unavailability, Heat Removal System (AFW)	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	1.13	7.70	1.20	10.40	2.50	3.80	7.00	3.20
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1731.15	2208.00	2209.00	2184.00	1878.40	2208.00	1476.30	2160.00
Train 2								
Planned unavailable hours	2.83	10.60	1.20	2.50	1.70	11.30	0.90	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	1731.15	2208.00	2209.00	2184.00	1878.40	2208.00	1476.30	2160.00
Train 3								
Planned unavailable hours	5.57	19.50	0	0	6.50	6.20	0.90	7.00
Unplanned unavailable hours	0	0	27.50	0	38.20	0	0	18.70
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1731.15	2208.00	2209.00	2184.00	1878.40	2208.00	1476.30	2160.00
Indicator value	0.2%	0.2%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%

Licensee Comments:

1Q/05: TDAFW pump Train 3, 83.5 hours of T/2 fault exposure hours.

Safety System Unavailability, Residual Heat Removal System



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

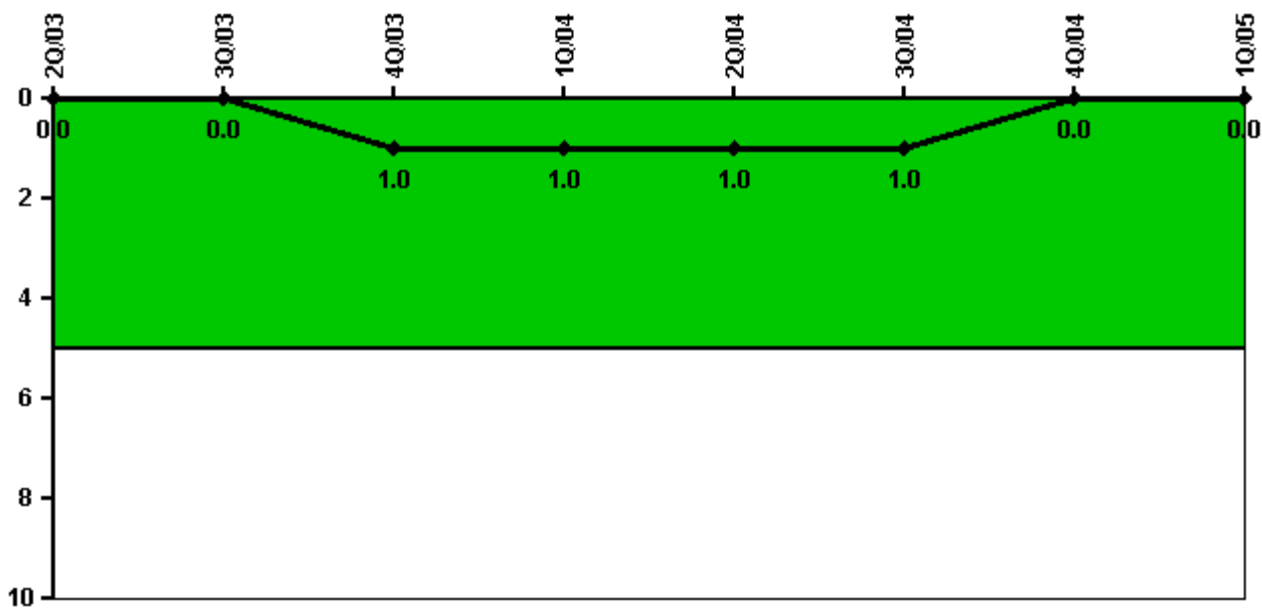
Notes

Safety System Unavailability, Residual Heat Removal System	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	15.05	24.40	8.60	15.40	14.60	40.40	8.90	5.80
Unplanned unavailable hours	0	0	0	0	8.10	0	3.20	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	2097.50	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	5.17	12.90	12.00	3.10	1.20	15.60	0.90	17.00
Unplanned unavailable hours	0	0	0	0	0	0	1.40	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2097.50	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Indicator value	0.5%	0.5%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%

Licensee Comments:

4Q/04: Change made to October 2004 data to include one additional hour of required hours due to change to standard time for Train 1 and Train 2 (744 hrs to 745 hrs). This correction does not affect the color of the performance indicator.

Safety System Functional Failures (PWR)



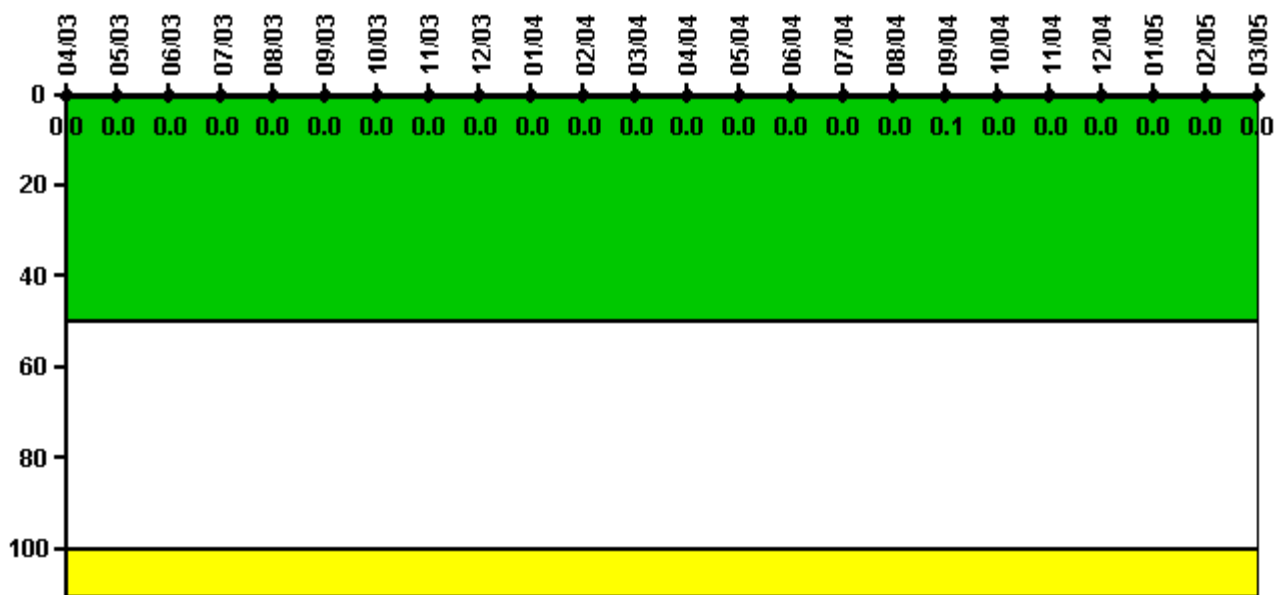
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



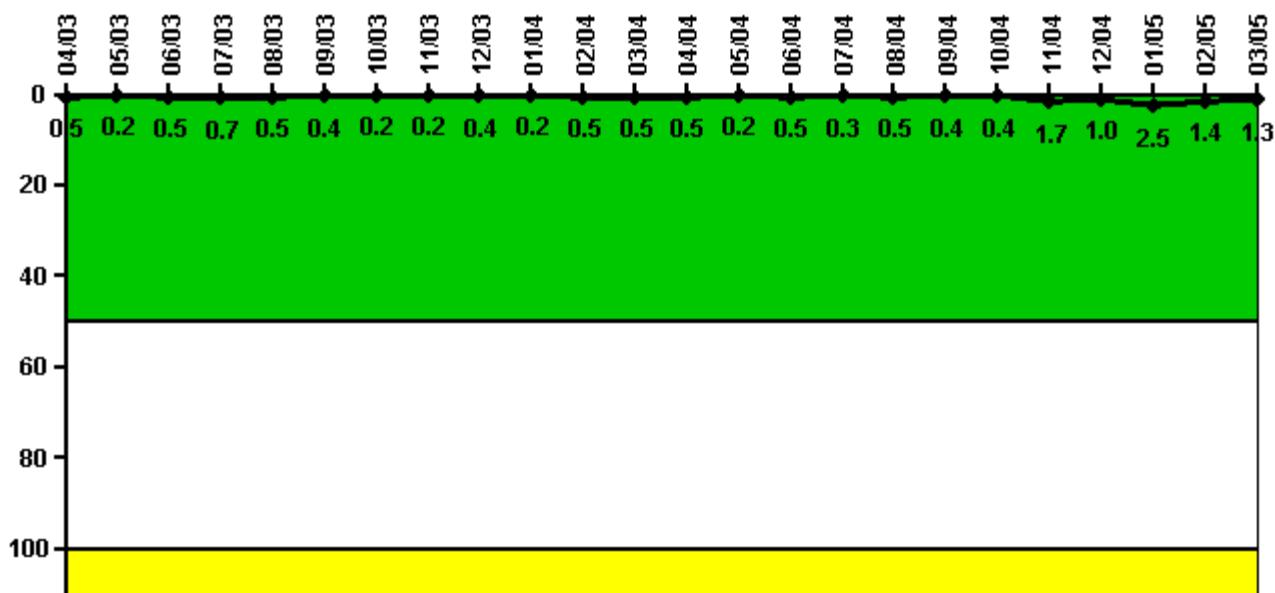
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	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	0.000208	0.000072	0.000086	0.000092	0.000103	0.000100	0.000173	0.000099	0.000103	0.000109	0.000113	0.000110
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05
Maximum activity	0.000113	0.000117	0.000122	0.000125	0.000128	0.000528	0.000148	0.000059	0.000062	0.000065	0.000125	0.000133
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0.1	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



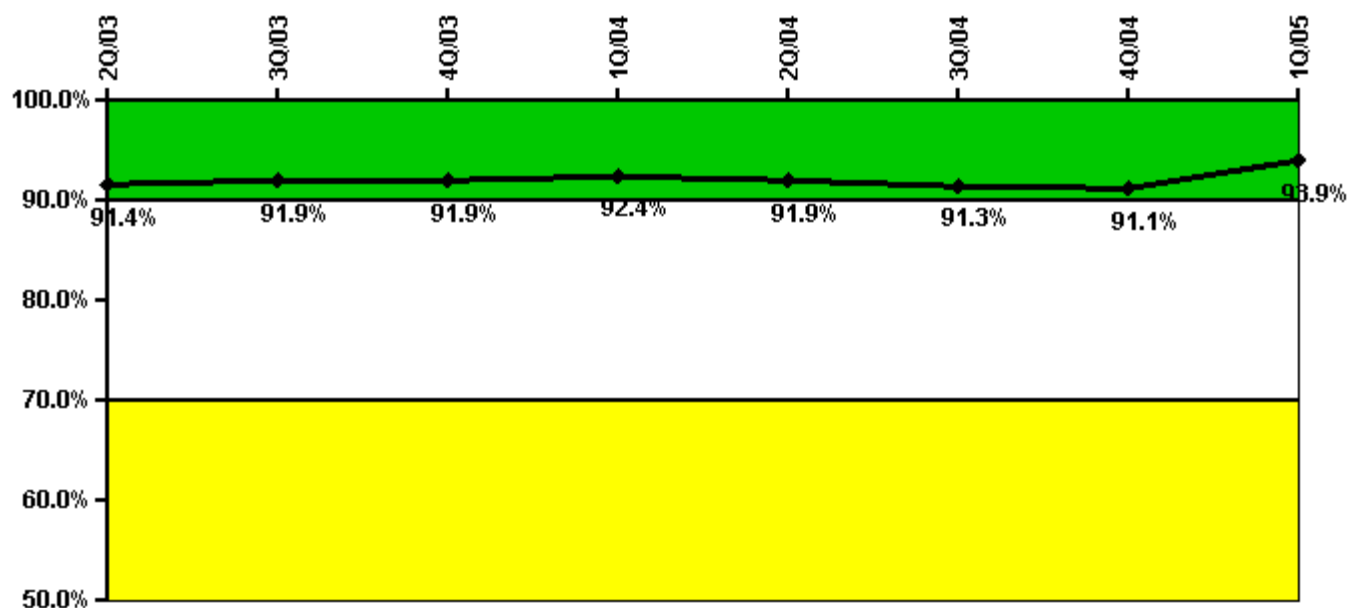
Thresholds: White > 50.0 Yellow > 100.0

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	0.050	0.020	0.050	0.070	0.050	0.040	0.020	0.020	0.040	0.020	0.050	0.050
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	0.2	0.5	0.7	0.5	0.4	0.2	0.2	0.4	0.2	0.5	0.5
Reactor Coolant System Leakage	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05
Maximum leakage	0.050	0.020	0.050	0.030	0.050	0.040	0.040	0.170	0.100	0.250	0.140	0.130
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	0.2	0.5	0.3	0.5	0.4	0.4	1.7	1.0	2.5	1.4	1.3

Licensee Comments: none

Drill/Exercise Performance



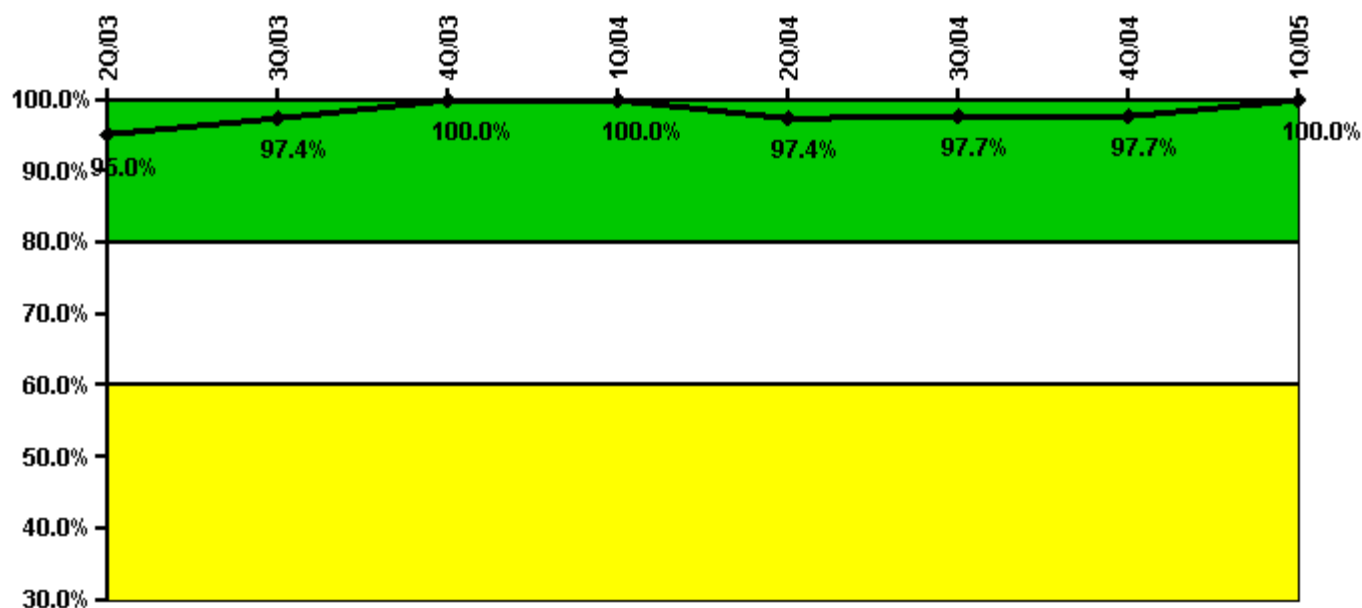
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Successful opportunities	37.0	20.0	23.0	34.0	18.0	21.0	0	47.0
Total opportunities	40.0	20.0	25.0	36.0	20.0	23.0	0	49.0
Indicator value	91.4%	91.9%	91.9%	92.4%	91.9%	91.3%	91.1%	93.9%

Licensee Comments: none

ERO Drill Participation



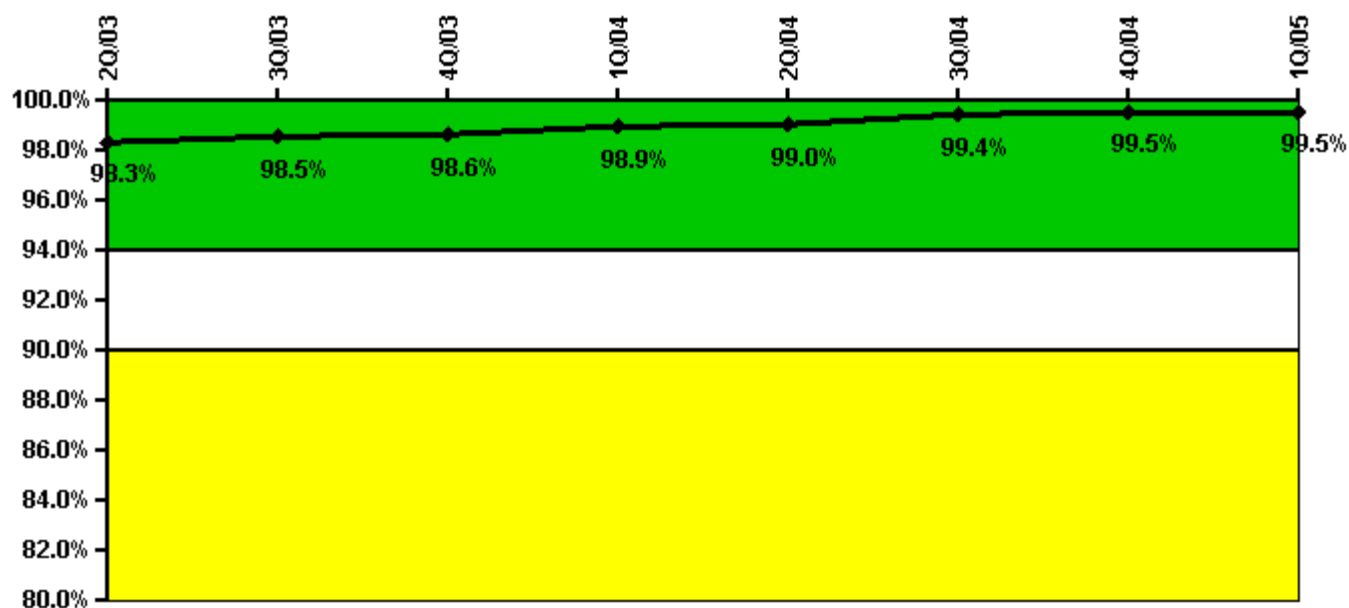
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Participating Key personnel	38.0	38.0	36.0	36.0	38.0	42.0	42.0	55.0
Total Key personnel	40.0	39.0	36.0	36.0	39.0	43.0	43.0	55.0
Indicator value	95.0%	97.4%	100.0%	100.0%	97.4%	97.7%	97.7%	100.0%

Licensee Comments: none

Alert & Notification System



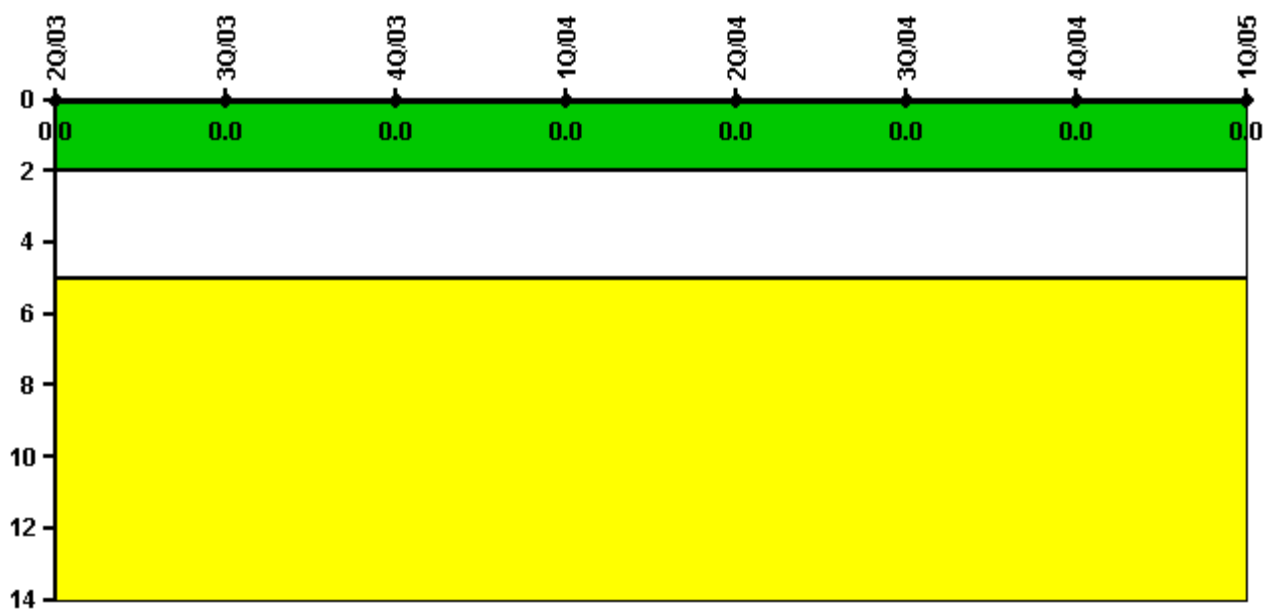
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Successful siren-tests	643	633	642	565	647	642	646	565
Total sirens-tests	648	648	648	567	648	648	649	567
Indicator value	98.3%	98.5%	98.6%	98.9%	99.0%	99.4%	99.5%	99.5%

Licensee Comments: none

Occupational Exposure Control Effectiveness



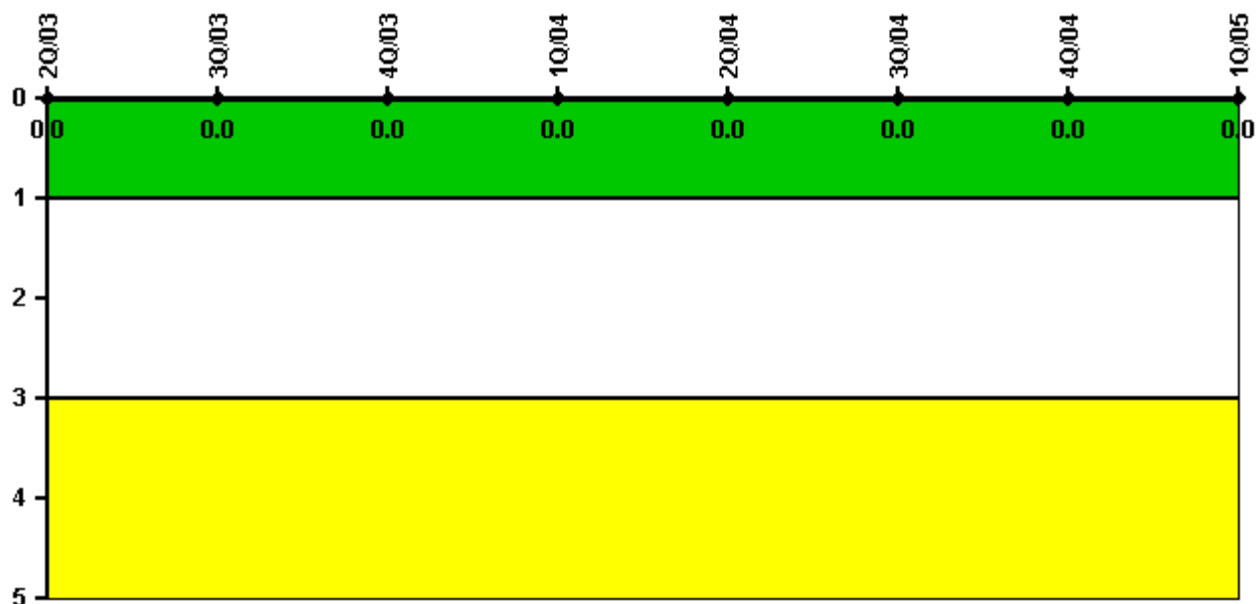
Thresholds: White > 2.0 Yellow > 5.0

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	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/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

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

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

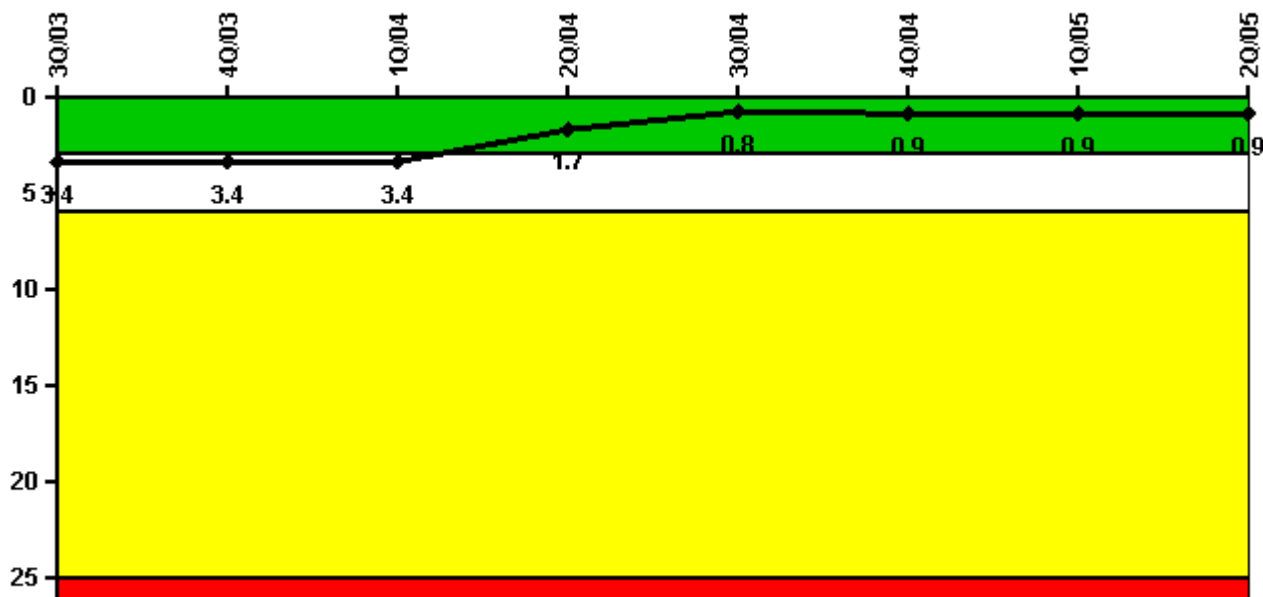
Last Modified: June 17, 2005

Harris 1

2Q/2005 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



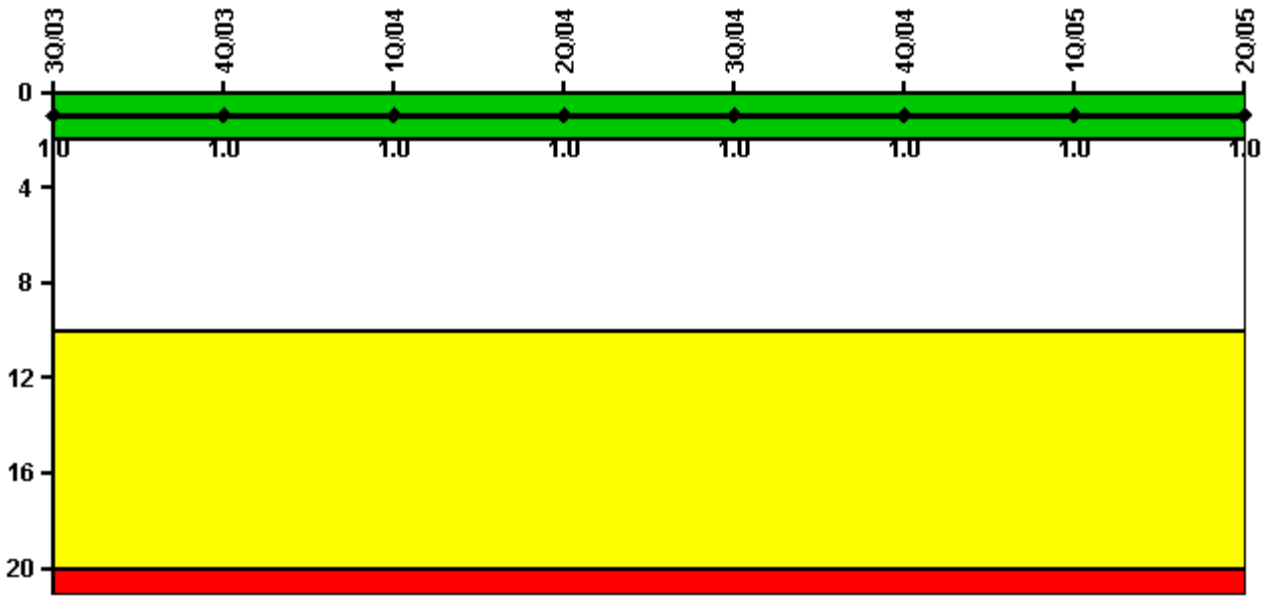
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Unplanned scrams	1.0	0	0	1.0	0	0	0	1.0
Critical hours	2190.4	2209.0	2184.0	1878.4	2208.0	1476.2	2160.0	2139.6
Indicator value	3.4	3.4	3.4	1.7	0.8	0.9	0.9	0.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



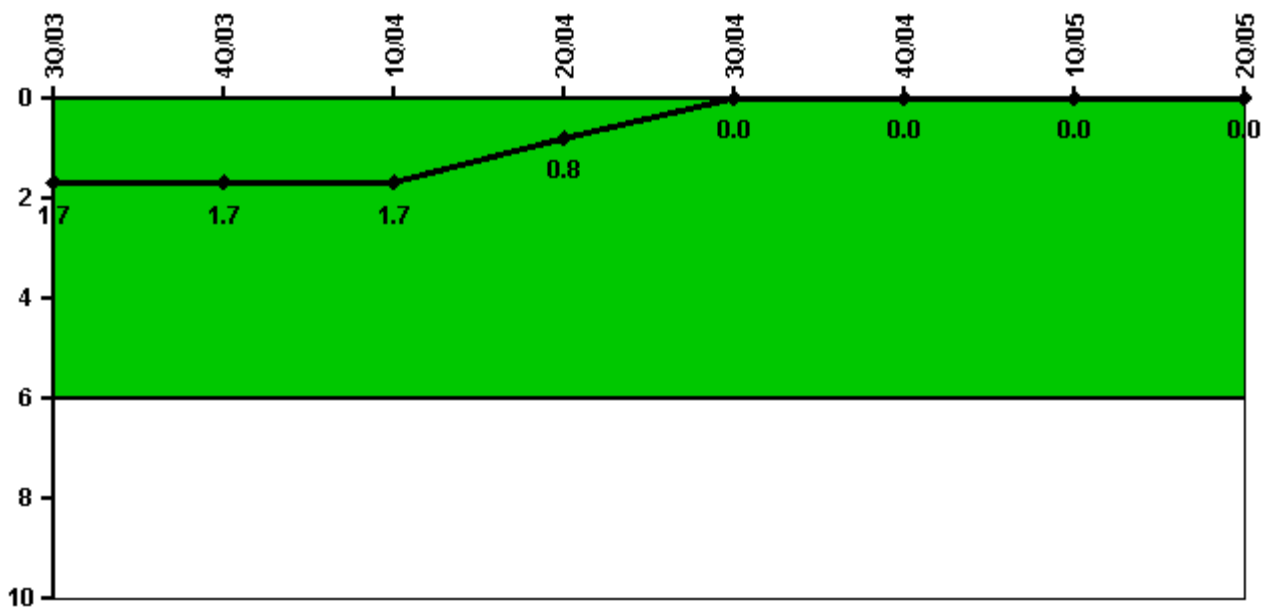
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



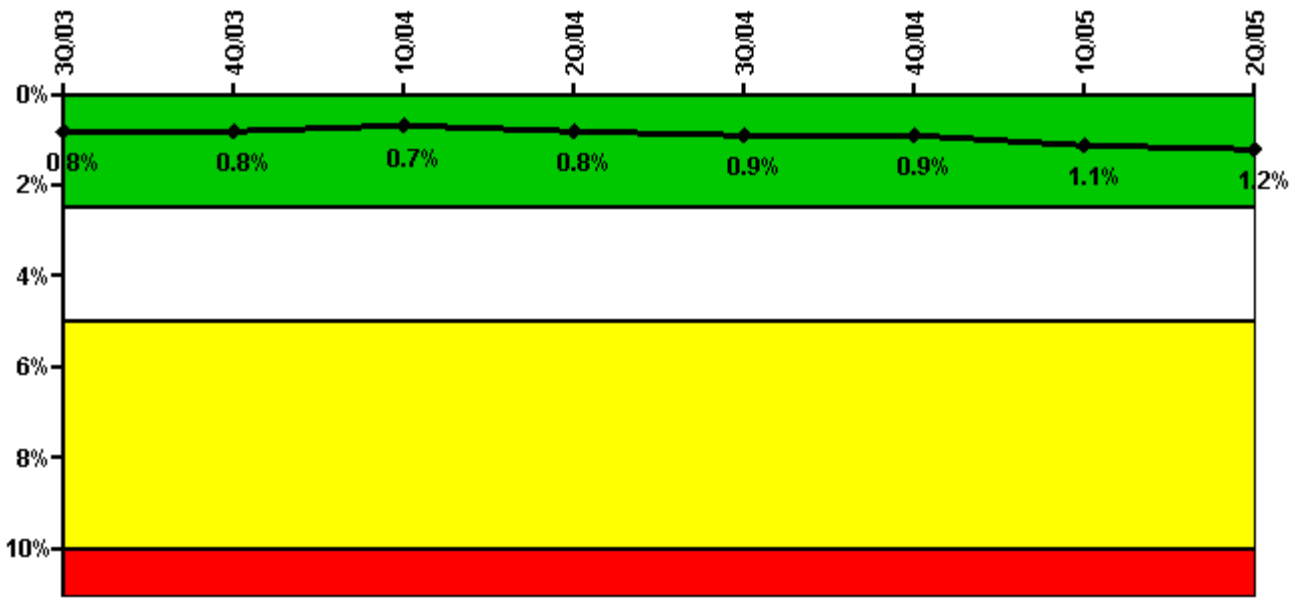
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Unplanned power changes	1.0	0	0	0	0	0	0	0
Critical hours	2190.4	2209.0	2184.0	1878.4	2208.0	1476.2	2160.0	2139.6
Indicator value	1.7	1.7	1.7	0.8	0	0	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



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

Notes

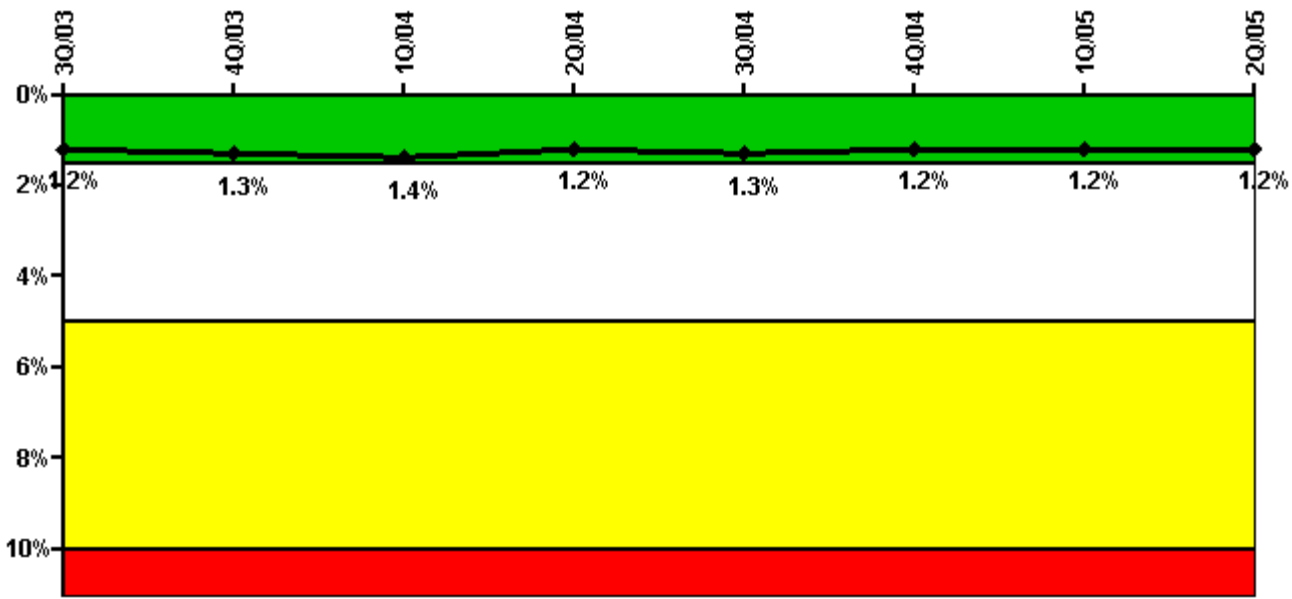
Safety System Unavailability, Emergency AC Power	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	33.50	20.74	1.78	31.25	44.90	1.40	38.80	23.80
Unplanned unavailable hours	0	0	0	0	21.80	0	4.20	35.00
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2105.83	2208.00	2081.50	2160.00	2183.00
Train 2								
Planned unavailable hours	68.78	8.45	20.37	2.95	36.70	5.10	35.40	27.60
Unplanned unavailable hours	0	0	0	0	0	0	49.40	25.10
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2025.87	2208.00	1941.80	2160.00	2183.00
Indicator value	0.8%	0.8%	0.7%	0.8%	0.9%	0.9%	1.1%	1.2%

Licensee Comments:

2Q/05: EDG train 1, 323.7 hours of T/2 fault exposure hours. EDG train 2, 338.2 hours of T/2 fault exposure hours.

3Q/04: Change made to the August 2004 data based on response to FAQ 390. Train 1 Emergency AC Power System is revised to report 28.4 hours of planned unavailability hours, 21.8 hours of unplanned unavailability hours, and 36.4 hours of T/2 fault exposure hours. This change does not affect the color of the performance indicator.

Safety System Unavailability, High Pressure Injection System (HPSI)



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

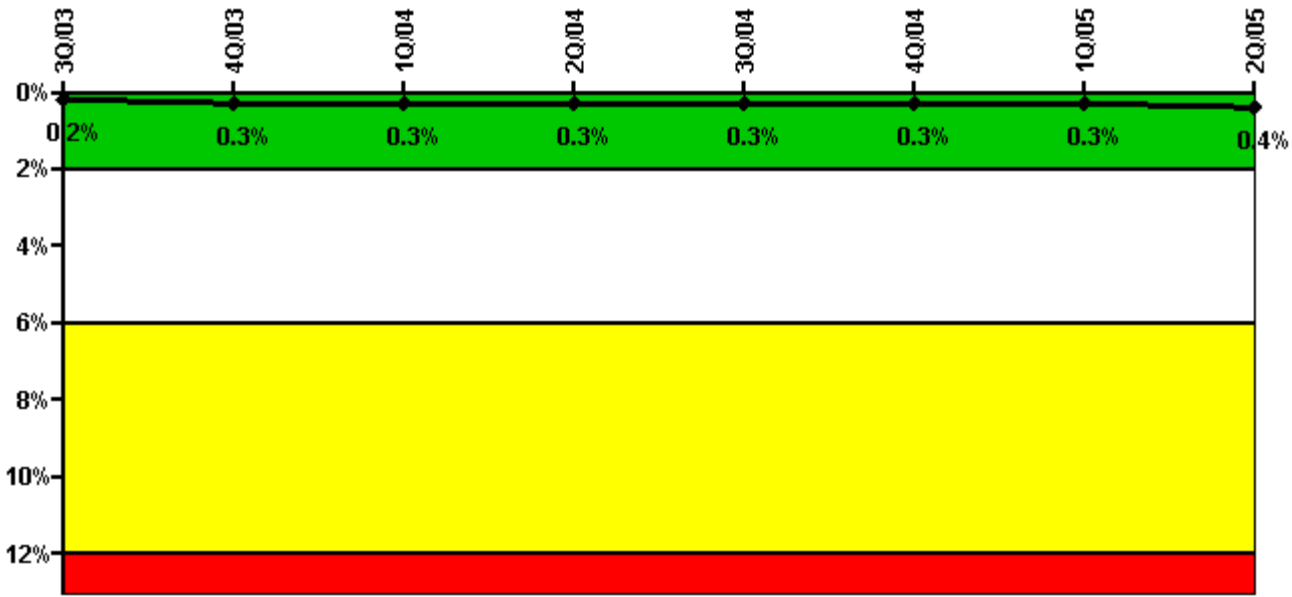
Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	51.40	39.58	36.40	5.50	34.30	2.20	23.80	14.40
Unplanned unavailable hours	0	0	0	0	30.80	0	0	10.50
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	1878.40	2208.00	1476.30	2160.00	2139.60
Train 2								
Planned unavailable hours	25.30	21.20	10.70	1.20	4.10	1.80	7.60	12.00
Unplanned unavailable hours	0	0	0	0	0	0	12.10	7.10
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	1878.40	2208.00	1476.30	2160.00	2139.60
Indicator value	1.2%	1.3%	1.4%	1.2%	1.3%	1.2%	1.2%	1.2%

Licensee Comments:

3Q/04: Change made to the August 2004 data based on response to FAQ 390. Train 1 High Pressure Safety Injection System is revised to report 21.8 hours of unplanned unavailability hours, and 36.4 hours of T/2 fault exposure hours in addition to the 161.5 hours of T/2 fault exposure hours previously reported (197.9 total train 1, T/2 fault exposure hours for quarter). This change does not affect the color of the performance indicator.

Safety System Unavailability, Heat Removal System (AFW)



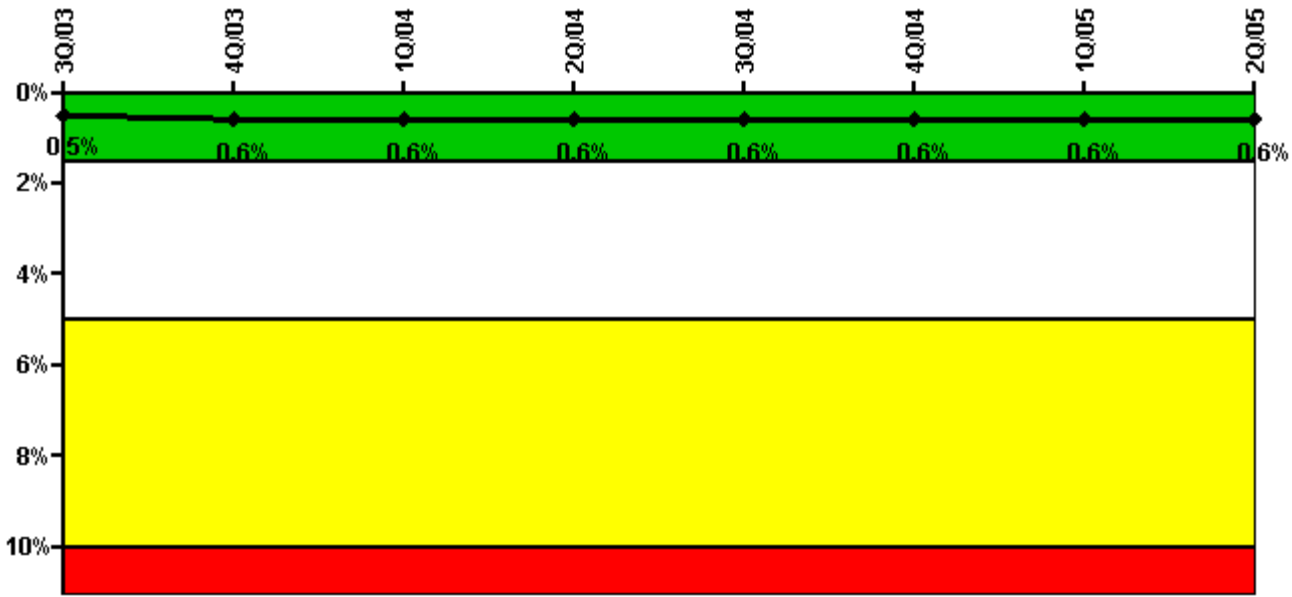
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	7.70	1.20	10.40	2.50	3.80	7.00	3.20	2.10
Unplanned unavailable hours	0	0	0	0	0	0	0	2.50
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	1878.40	2208.00	1476.30	2160.00	2139.60
Train 2								
Planned unavailable hours	10.60	1.20	2.50	1.70	11.30	0.90	1.20	16.50
Unplanned unavailable hours	0	0	0	0	0	0	0	2.70
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	1878.40	2208.00	1476.30	2160.00	2139.60
Train 3								
Planned unavailable hours	19.50	0	0	6.50	6.20	0.90	7.00	6.10
Unplanned unavailable hours	0	27.50	0	38.20	0	0	18.70	0.70
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	1878.40	2208.00	1476.30	2160.00	2139.60
Indicator value	0.2%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.4%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



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

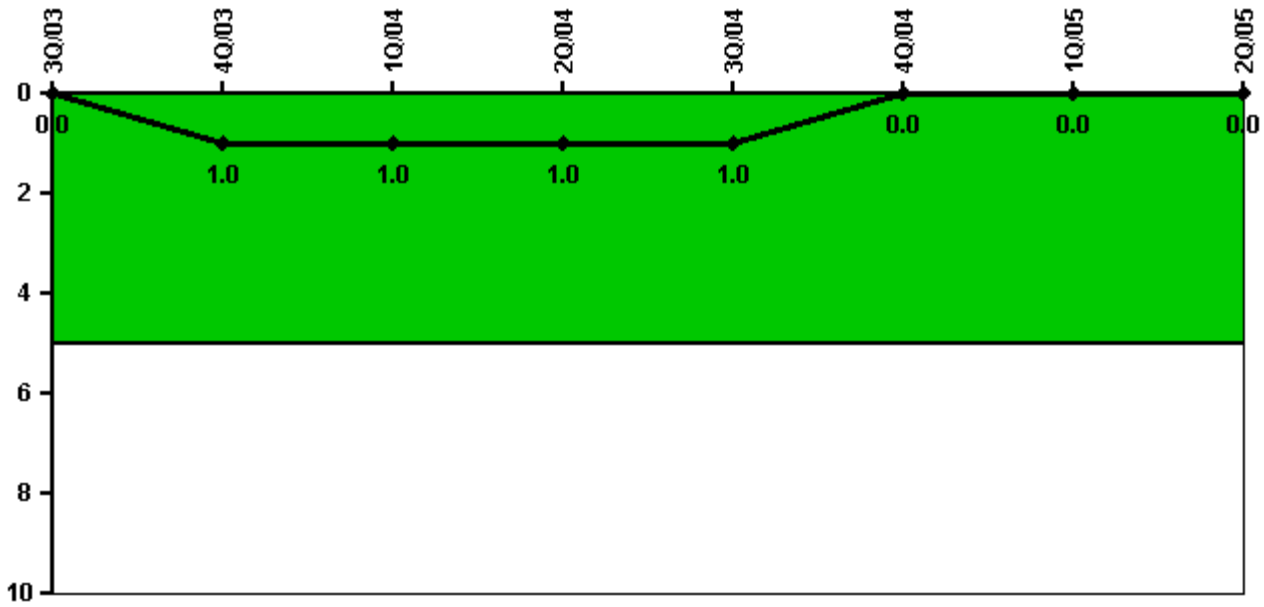
Notes

Safety System Unavailability, Residual Heat Removal System	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	24.40	8.60	15.40	14.60	40.40	8.90	5.80	8.30
Unplanned unavailable hours	0	0	0	8.10	21.80	3.20	0	3.20
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	12.90	12.00	3.10	1.20	15.60	0.90	17.00	10.20
Unplanned unavailable hours	0	0	0	0	0	1.40	0	2.70
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	0.5%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%

Licensee Comments:

3Q/04: Change made to the August 2004 data based on response to FAQ 390. Train 1 Residual Heat Removal System is revised to report 21.8 hours of unplanned unavailability hours, and 36.4 hours of T/2 fault exposure hours. This change does not affect the color of the performance indicator.

Safety System Functional Failures (PWR)



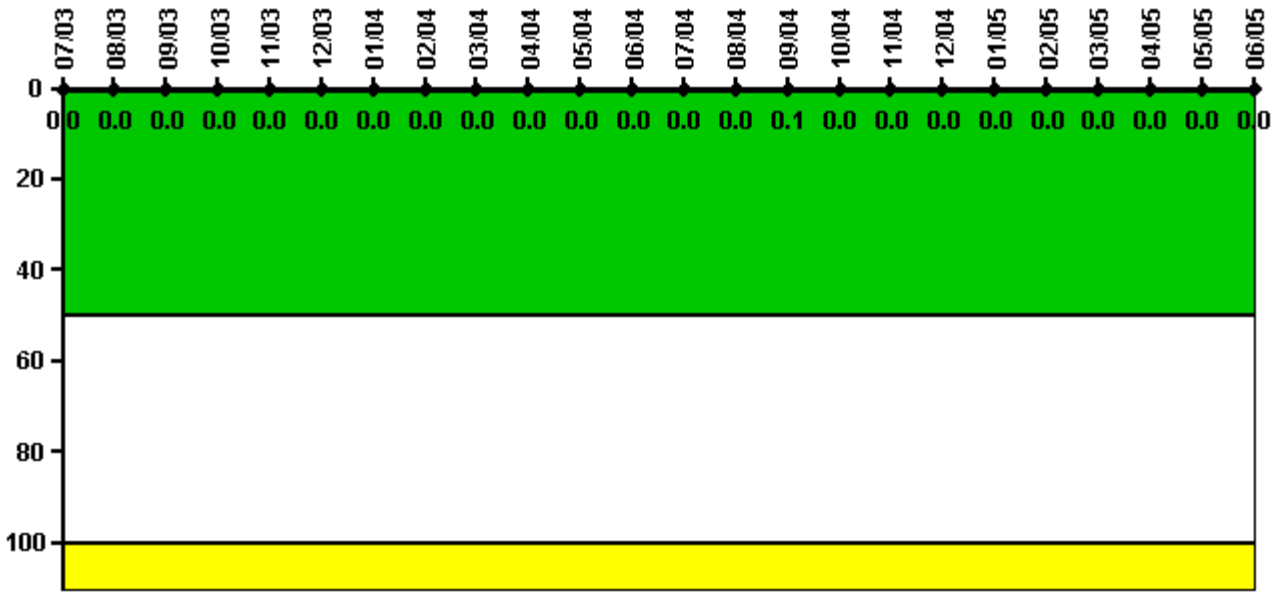
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



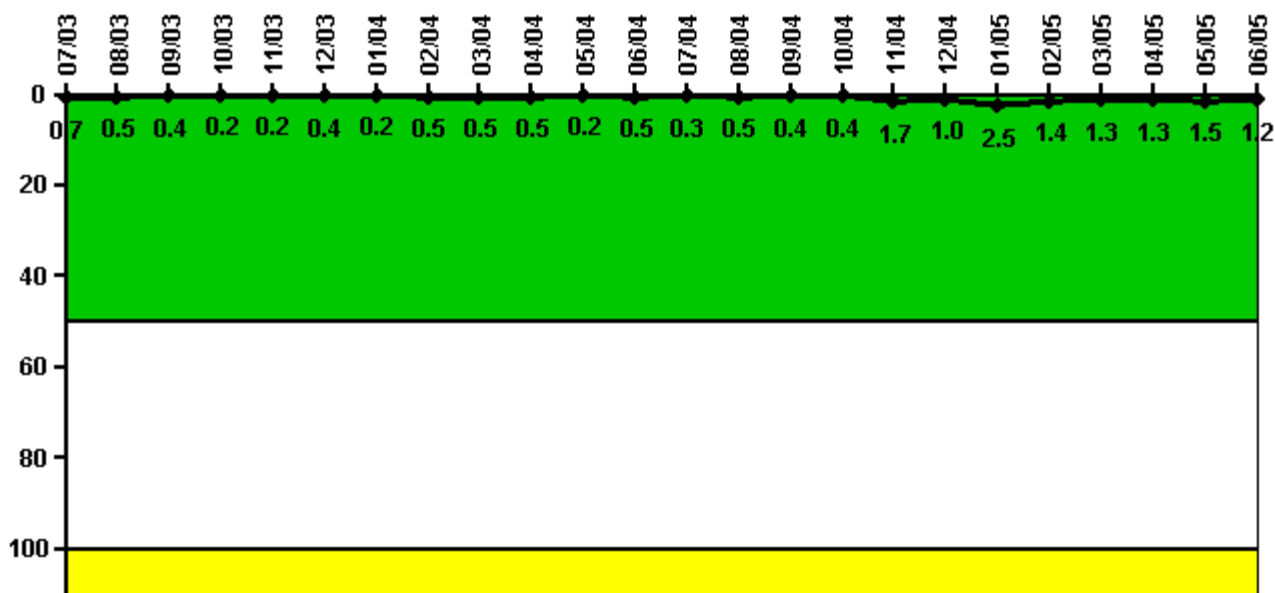
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	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	0.000092	0.000103	0.000100	0.000173	0.000099	0.000103	0.000109	0.000113	0.000110	0.000113	0.000117	0.000122
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05
Maximum activity	0.000125	0.000128	0.000528	0.000148	0.000059	0.000062	0.000065	0.000125	0.000133	0.000070	0.000075	0.000076
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0.1	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



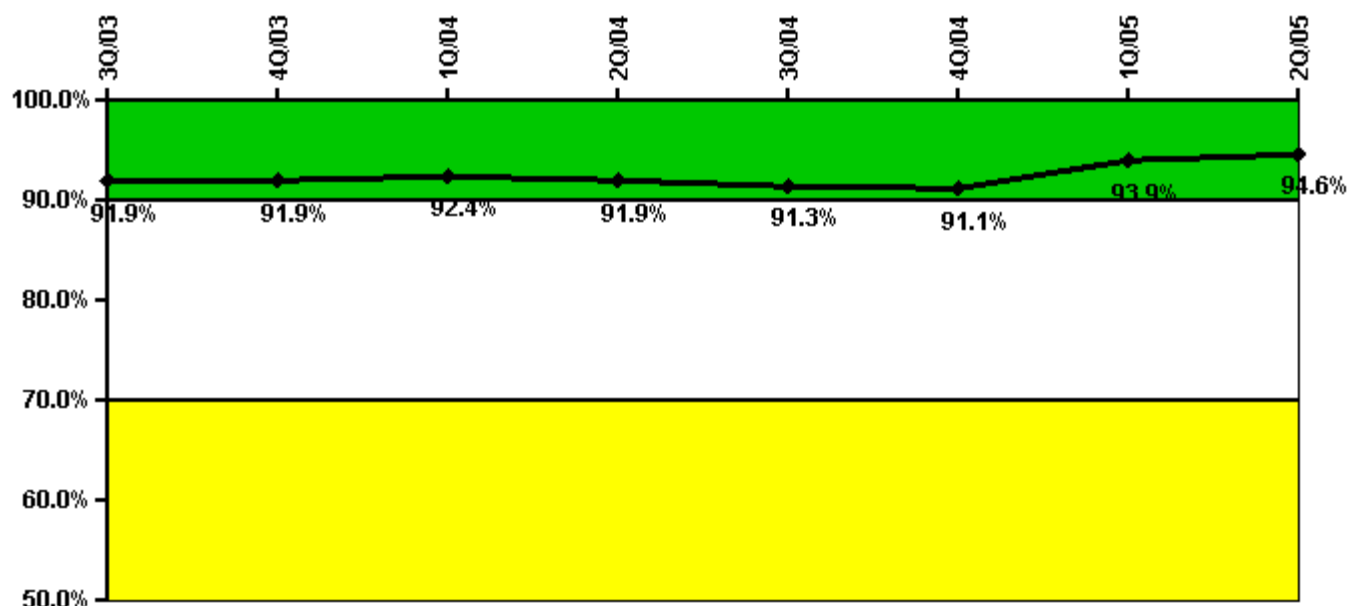
Thresholds: White > 50.0 Yellow > 100.0

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	0.070	0.050	0.040	0.020	0.020	0.040	0.020	0.050	0.050	0.050	0.020	0.050
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.7	0.5	0.4	0.2	0.2	0.4	0.2	0.5	0.5	0.5	0.2	0.5
Reactor Coolant System Leakage	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05
Maximum leakage	0.030	0.050	0.040	0.040	0.170	0.100	0.250	0.140	0.130	0.130	0.150	0.120
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.5	0.4	0.4	1.7	1.0	2.5	1.4	1.3	1.3	1.5	1.2

Licensee Comments: none

Drill/Exercise Performance



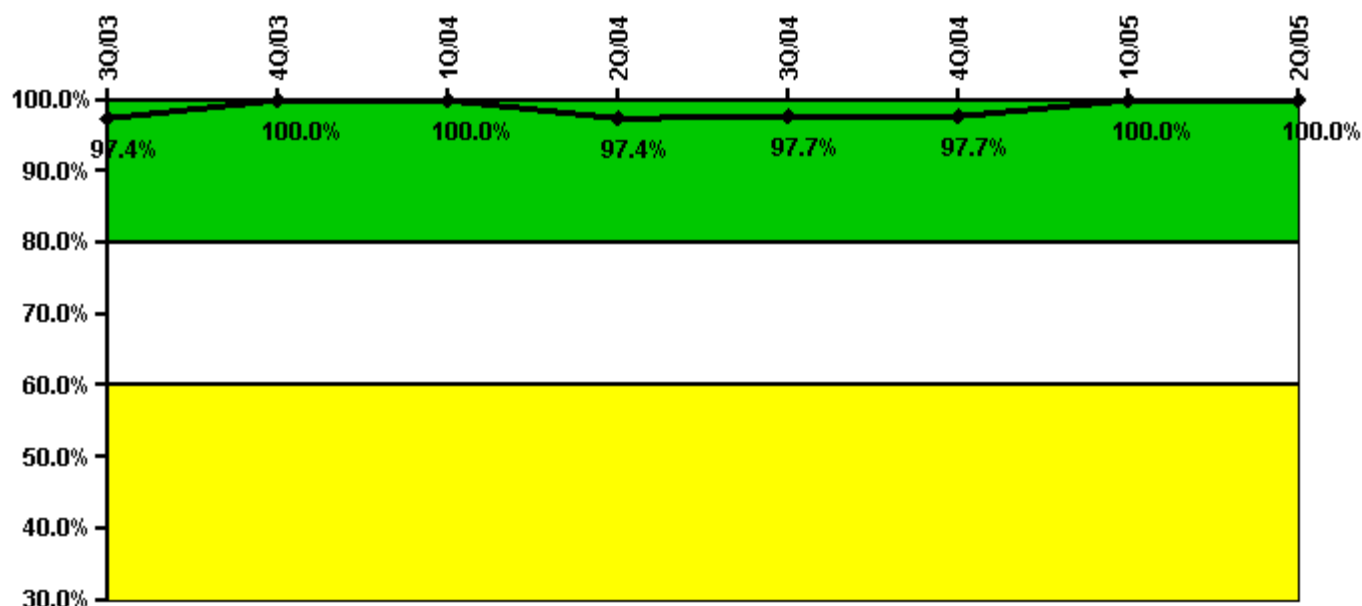
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Successful opportunities	20.0	23.0	34.0	18.0	21.0	0	47.0	29.0
Total opportunities	20.0	25.0	36.0	20.0	23.0	0	49.0	30.0
Indicator value	91.9%	91.9%	92.4%	91.9%	91.3%	91.1%	93.9%	94.6%

Licensee Comments: none

ERO Drill Participation



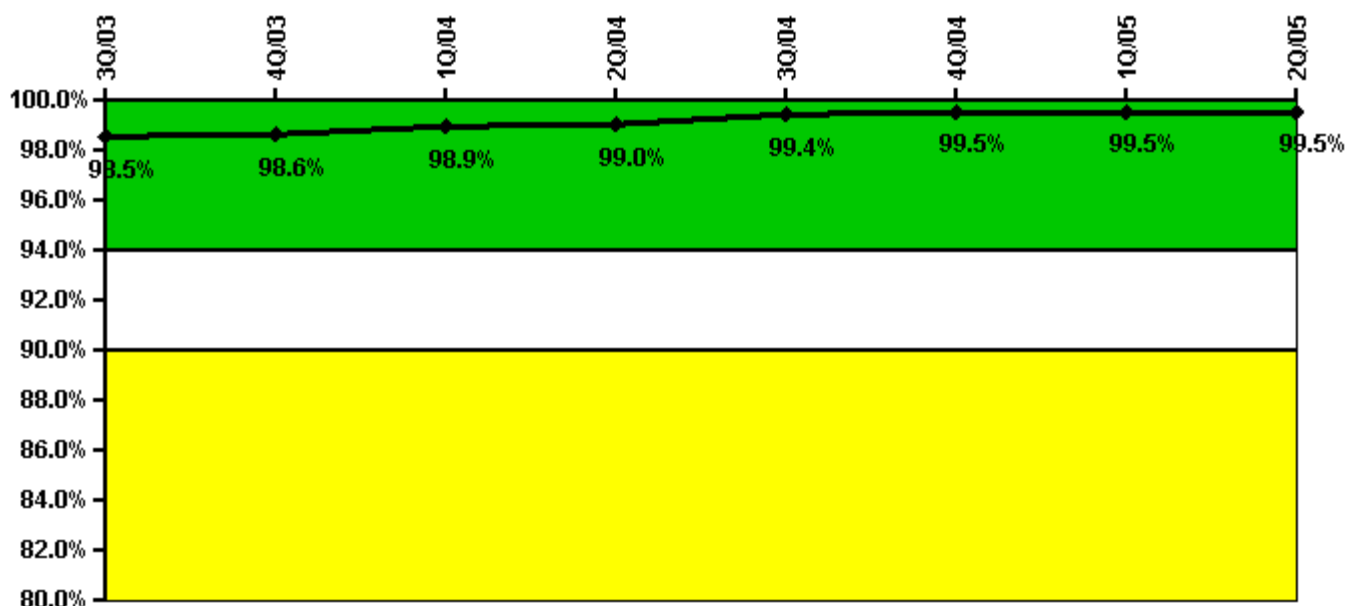
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Participating Key personnel	38.0	36.0	36.0	38.0	42.0	42.0	55.0	52.0
Total Key personnel	39.0	36.0	36.0	39.0	43.0	43.0	55.0	52.0
Indicator value	97.4%	100.0%	100.0%	97.4%	97.7%	97.7%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



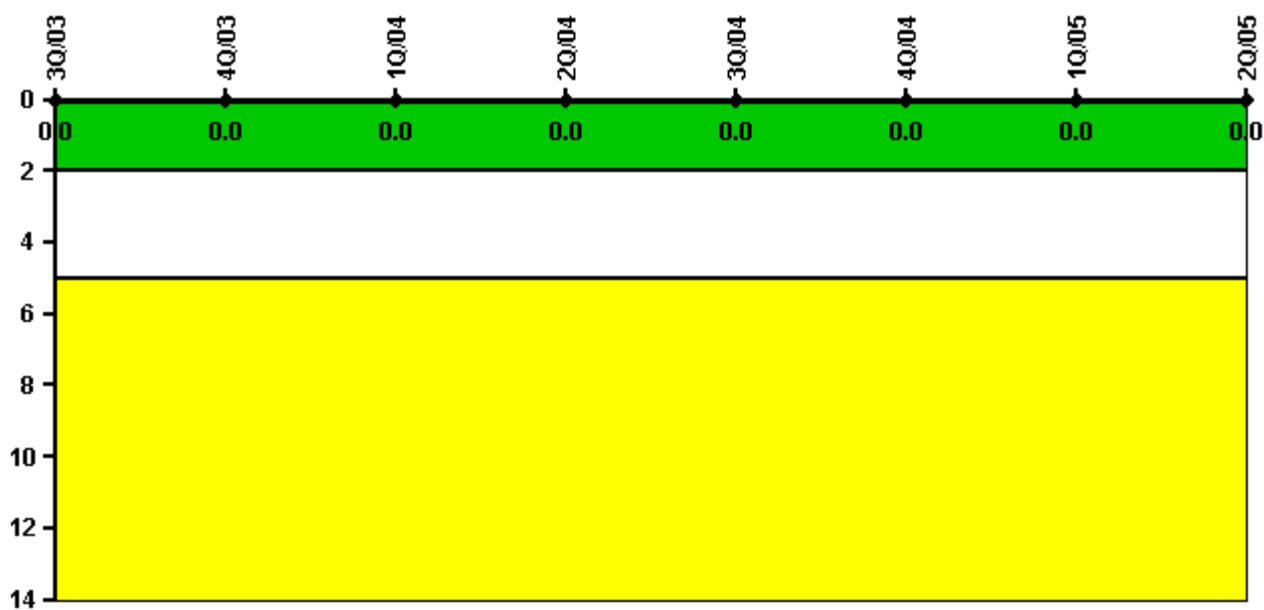
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Successful siren-tests	633	642	565	647	642	646	565	647
Total sirens-tests	648	648	567	648	648	649	567	648
Indicator value	98.5%	98.6%	98.9%	99.0%	99.4%	99.5%	99.5%	99.5%

Licensee Comments: none

Occupational Exposure Control Effectiveness



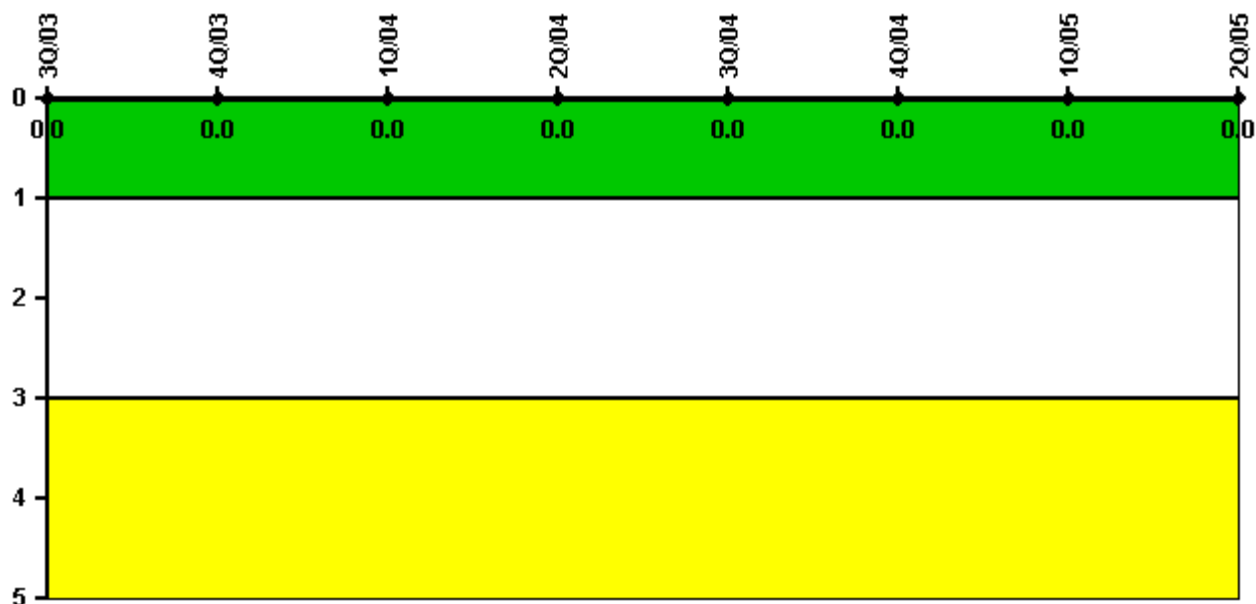
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	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/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	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](#)

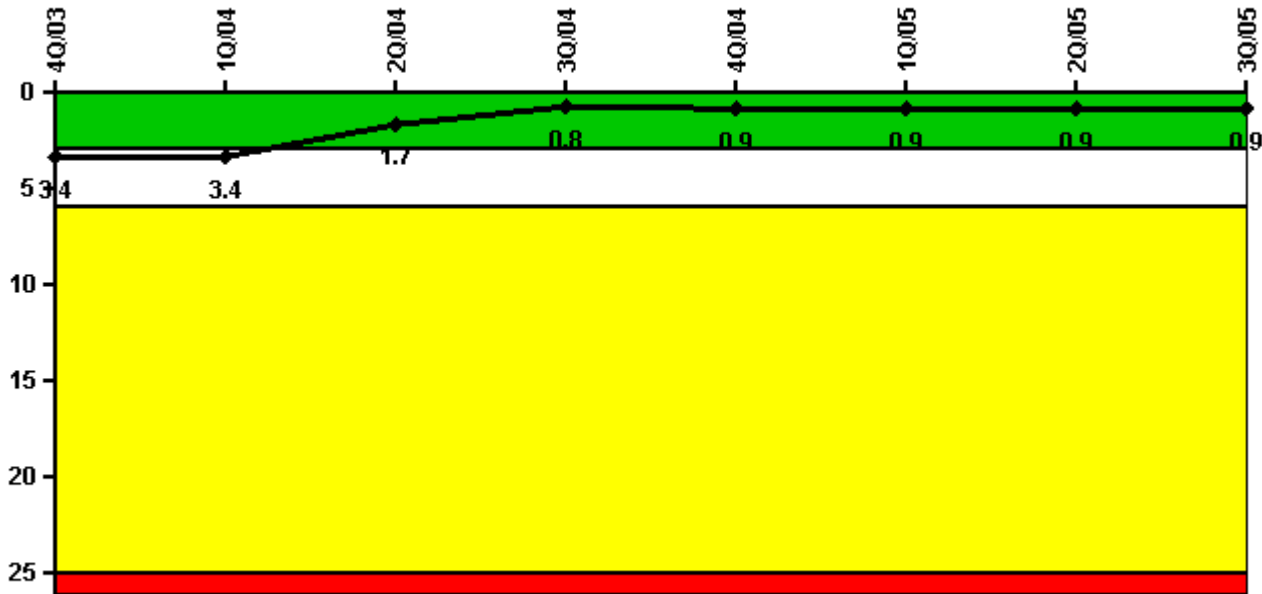
Last Modified: August 3, 2005

Harris 1

3Q/2005 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



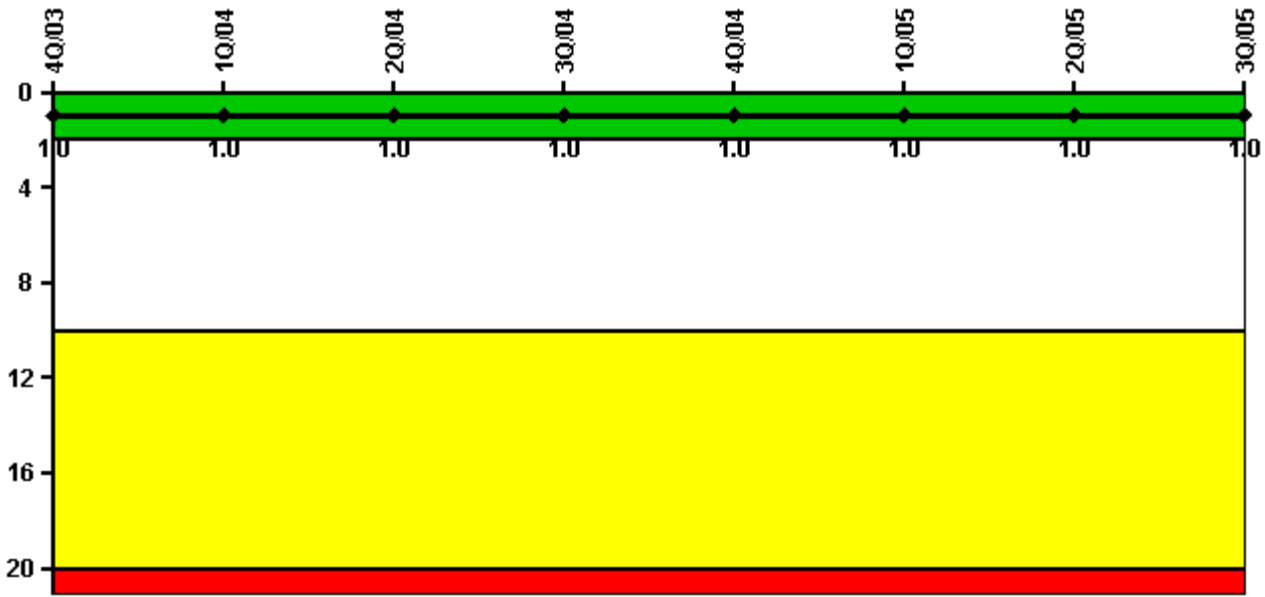
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Unplanned scrams	0	0	1.0	0	0	0	1.0	0
Critical hours	2209.0	2184.0	1878.4	2208.0	1476.2	2160.0	2139.6	2208.0
Indicator value	3.4	3.4	1.7	0.8	0.9	0.9	0.9	0.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



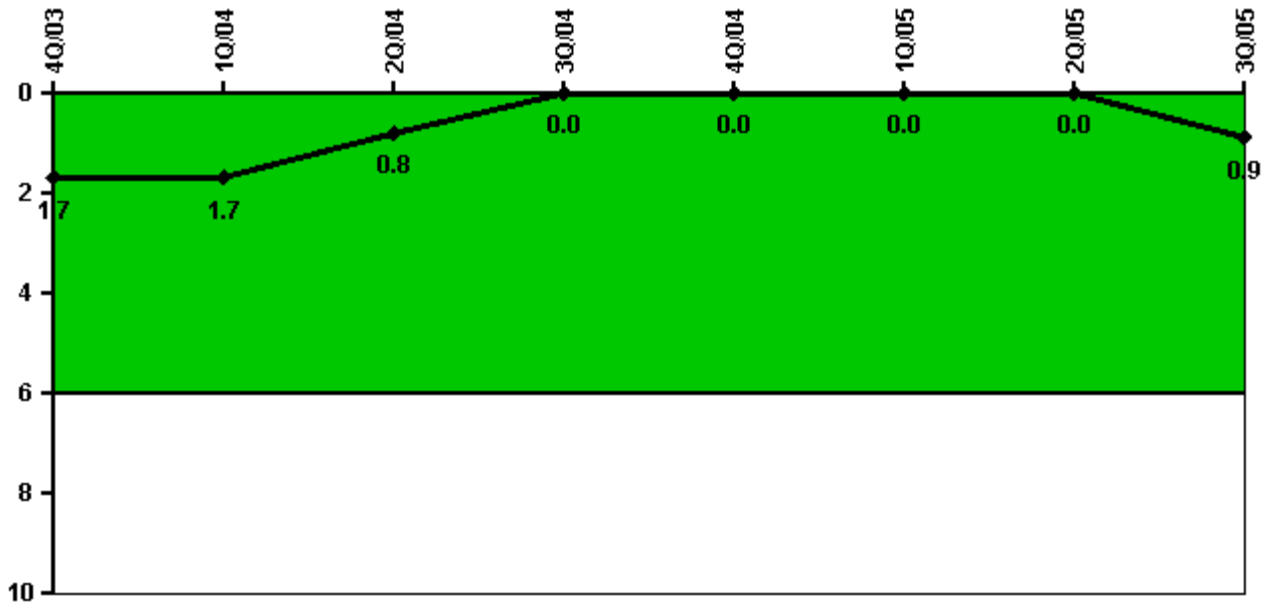
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



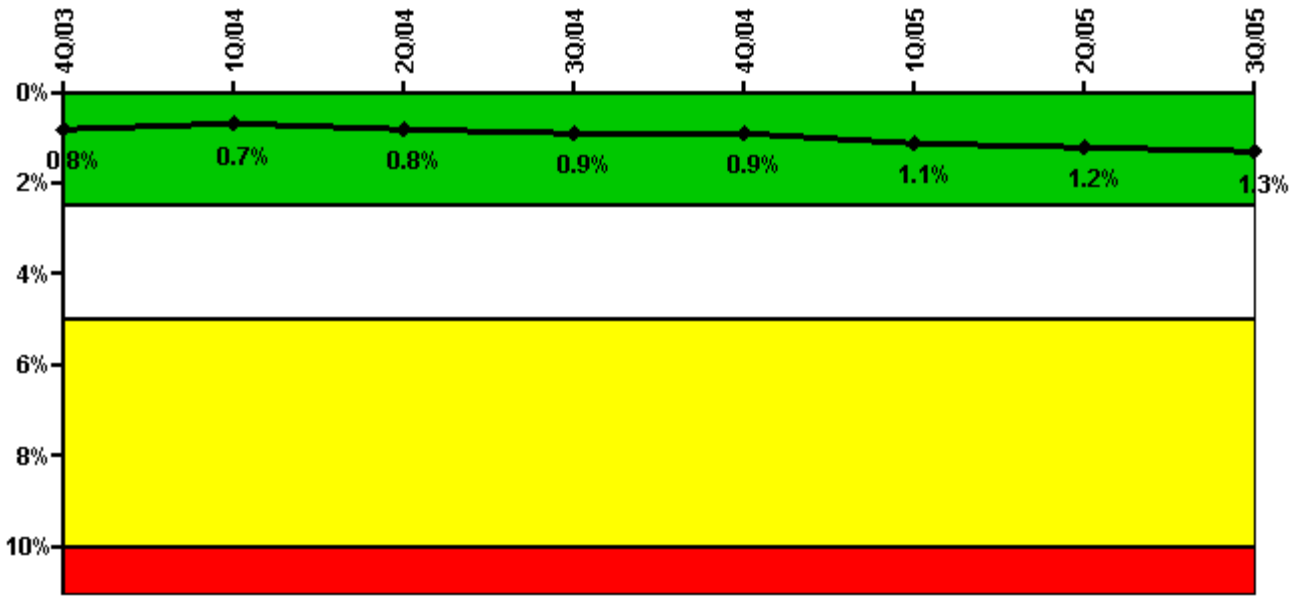
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Unplanned power changes	0	0	0	0	0	0	0	1.0
Critical hours	2209.0	2184.0	1878.4	2208.0	1476.2	2160.0	2139.6	2208.0
Indicator value	1.7	1.7	0.8	0	0	0	0	0.9

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



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

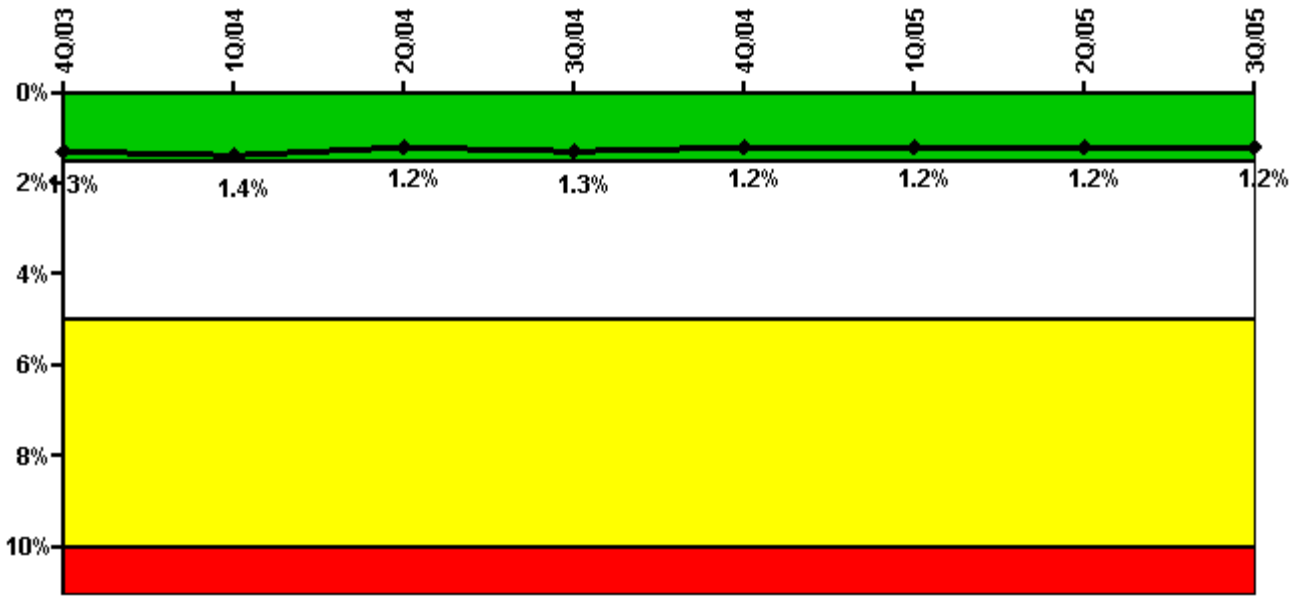
Notes

Safety System Unavailability, Emergency AC Power	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours	20.74	1.78	31.25	44.90	1.40	38.80	23.80	19.60
Unplanned unavailable hours	0	0	0	21.80	0	4.20	35.00	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2105.83	2208.00	2081.50	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	8.45	20.37	2.95	36.70	5.10	35.40	27.60	16.80
Unplanned unavailable hours	0	0	0	0	0	49.40	25.10	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	2209.00	2184.00	2025.87	2208.00	1941.80	2160.00	2183.00	2208.00
Indicator value	0.8%	0.7%	0.8%	0.9%	0.9%	1.1%	1.2%	1.3%

Licensee Comments:

2Q/05: Further assessment has concluded that the emergency diesel generators would have been able to perform their monitored functions. Therefore, there are no T/2 fault exposure hours to report for 2Q/05. This change does not affect the color of the indicator.

Safety System Unavailability, High Pressure Injection System (HPSI)



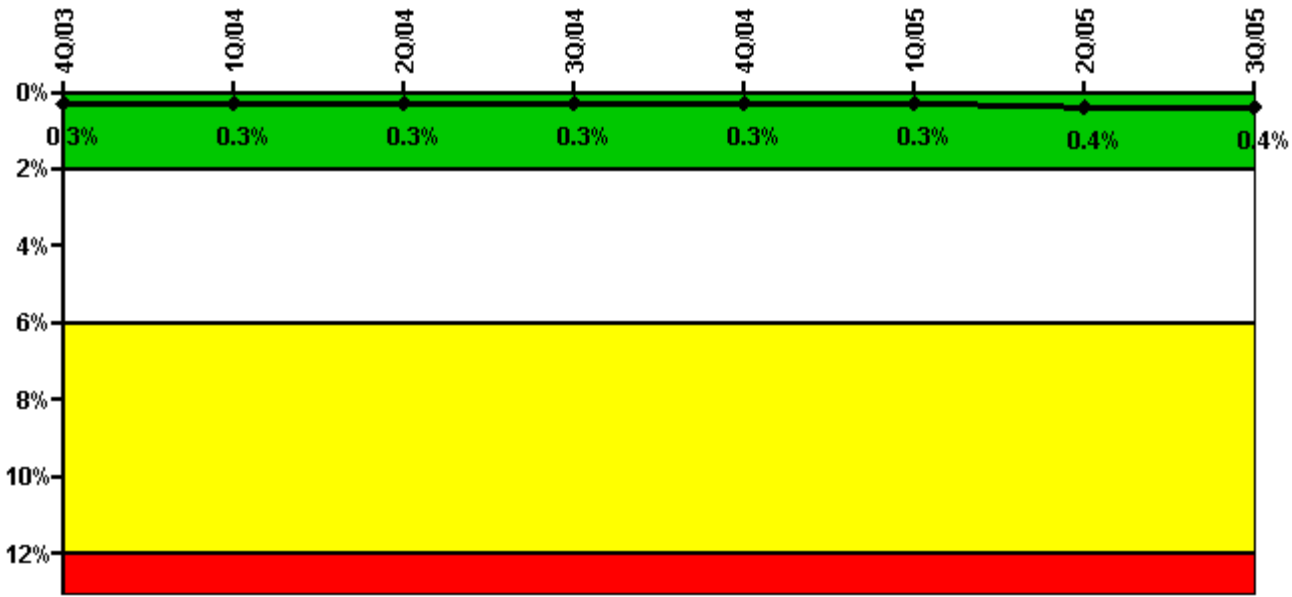
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours	39.58	36.40	5.50	34.30	2.20	23.80	14.40	21.00
Unplanned unavailable hours	0	0	0	30.80	0	0	10.50	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	2209.00	2184.00	1878.40	2208.00	1476.30	2160.00	2139.60	2208.00
Train 2								
Planned unavailable hours	21.20	10.70	1.20	4.10	1.80	7.60	12.00	36.60
Unplanned unavailable hours	0	0	0	0	0	12.10	7.10	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	2209.00	2184.00	1878.40	2208.00	1476.30	2160.00	2139.60	2208.00
Indicator value	1.3%	1.4%	1.2%	1.3%	1.2%	1.2%	1.2%	1.2%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



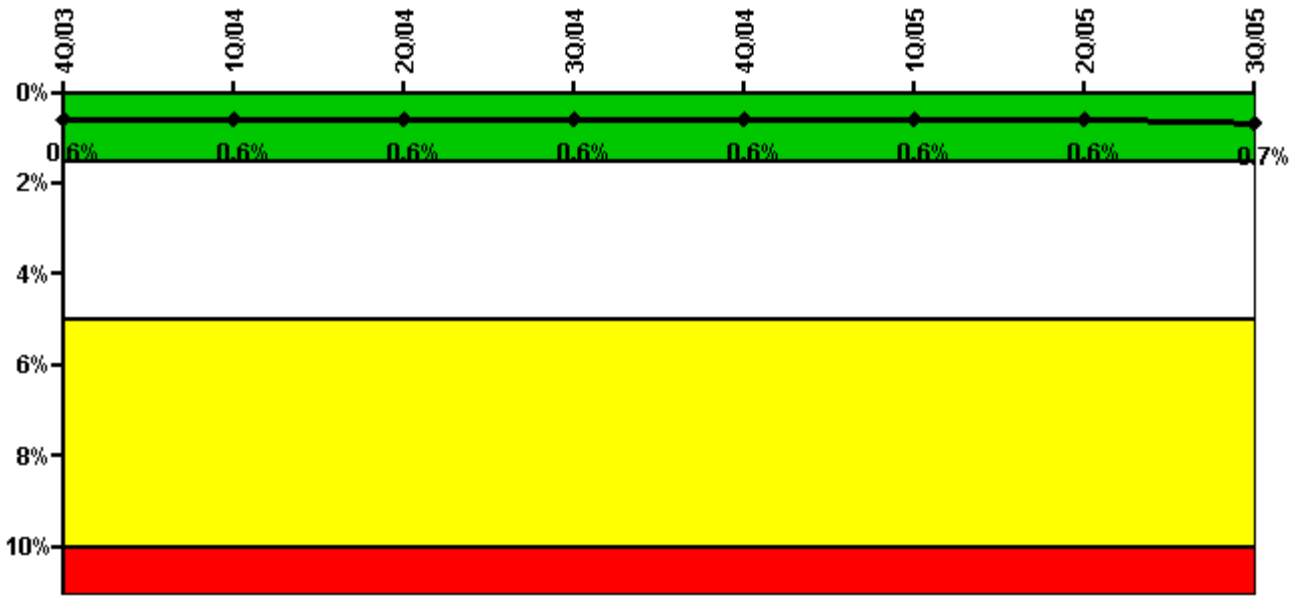
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours	1.20	10.40	2.50	3.80	7.00	3.20	2.10	1.40
Unplanned unavailable hours	0	0	0	0	0	0	2.50	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	2209.00	2184.00	1878.40	2208.00	1476.30	2160.00	2139.60	2208.00
Train 2								
Planned unavailable hours	1.20	2.50	1.70	11.30	0.90	1.20	16.50	2.20
Unplanned unavailable hours	0	0	0	0	0	0	2.70	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	1878.40	2208.00	1476.30	2160.00	2139.60	2208.00
Train 3								
Planned unavailable hours	0	0	6.50	6.20	0.90	7.00	6.10	16.30
Unplanned unavailable hours	27.50	0	38.20	0	0	18.70	0.70	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	1878.40	2208.00	1476.30	2160.00	2139.60	2208.00
Indicator value	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



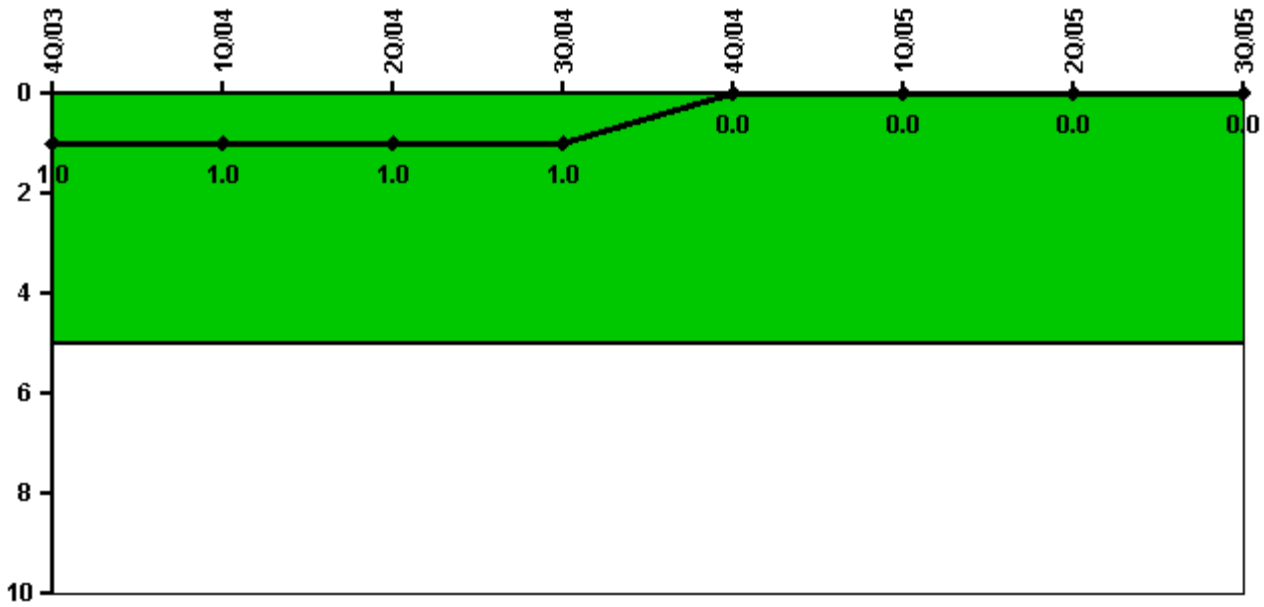
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours	8.60	15.40	14.60	40.40	8.90	5.80	8.30	26.70
Unplanned unavailable hours	0	0	8.10	21.80	3.20	0	3.20	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	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	12.00	3.10	1.20	15.60	0.90	17.00	10.20	7.50
Unplanned unavailable hours	0	0	0	0	1.40	0	2.70	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	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%	0.6%	0.6%	0.7%

Licensee Comments: none

Safety System Functional Failures (PWR)



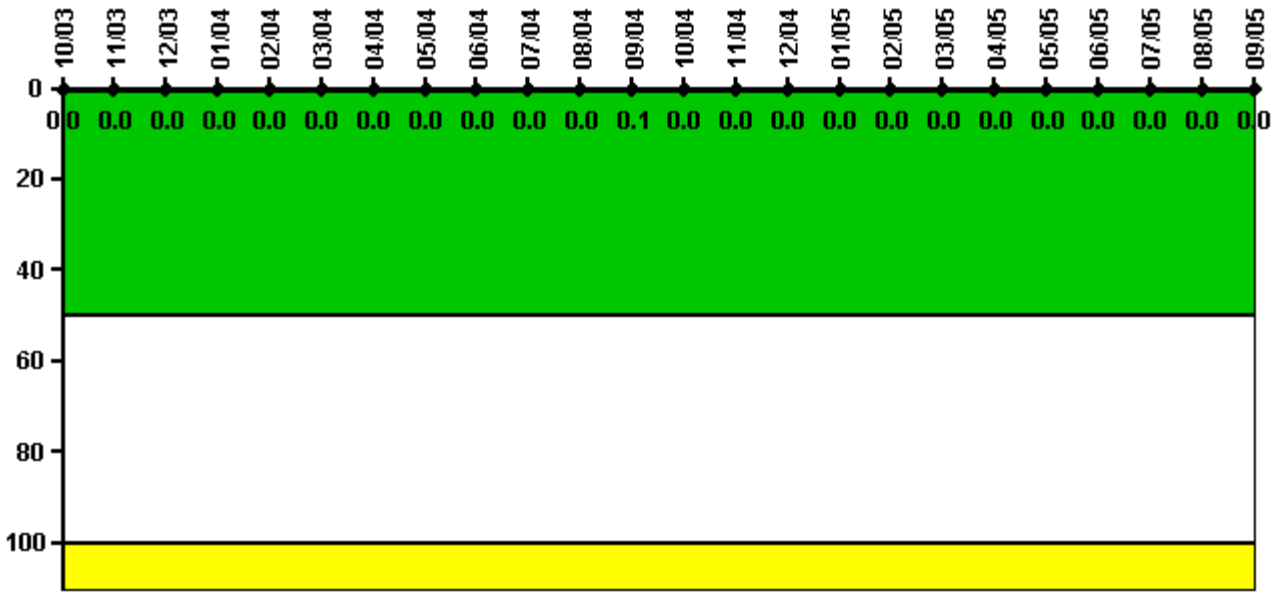
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



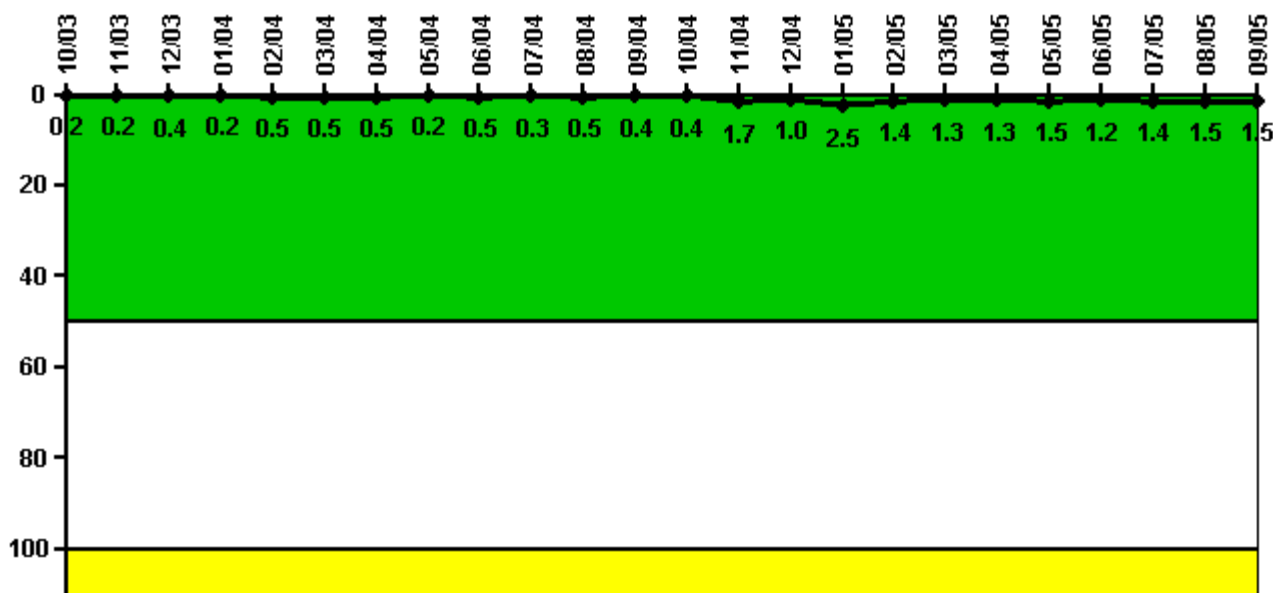
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	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	0.000173	0.000099	0.000103	0.000109	0.000113	0.000110	0.000113	0.000117	0.000122	0.000125	0.000128	0.000528
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0.1
Reactor Coolant System Activity	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05
Maximum activity	0.000148	0.000059	0.000062	0.000065	0.000125	0.000133	0.000070	0.000075	0.000076	0.000097	0.000079	0.000084
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

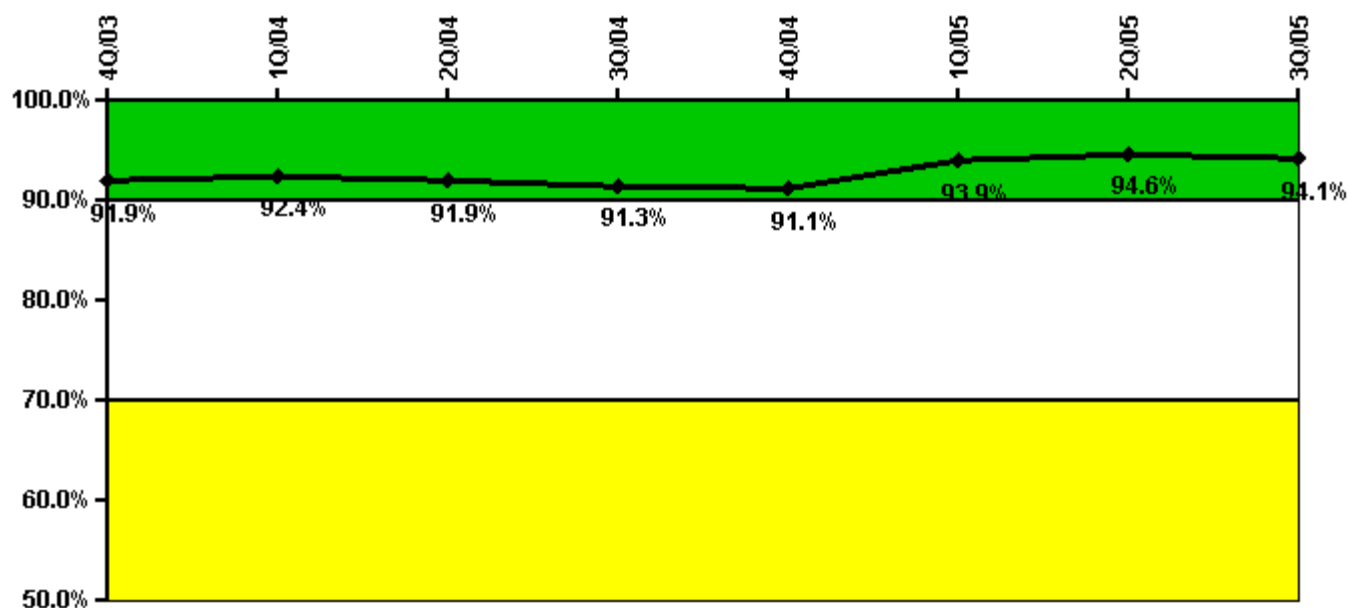
Notes

Reactor Coolant System Leakage	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04
Maximum leakage	0.020	0.020	0.040	0.020	0.050	0.050	0.050	0.020	0.050	0.030	0.050	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.2	0.4	0.2	0.5	0.5	0.5	0.2	0.5	0.3	0.5	0.4

Reactor Coolant System Leakage	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05
Maximum leakage	0.040	0.170	0.100	0.250	0.140	0.130	0.130	0.150	0.120	0.140	0.150	0.150
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	1.7	1.0	2.5	1.4	1.3	1.3	1.5	1.2	1.4	1.5	1.5

Licensee Comments: none

Drill/Exercise Performance



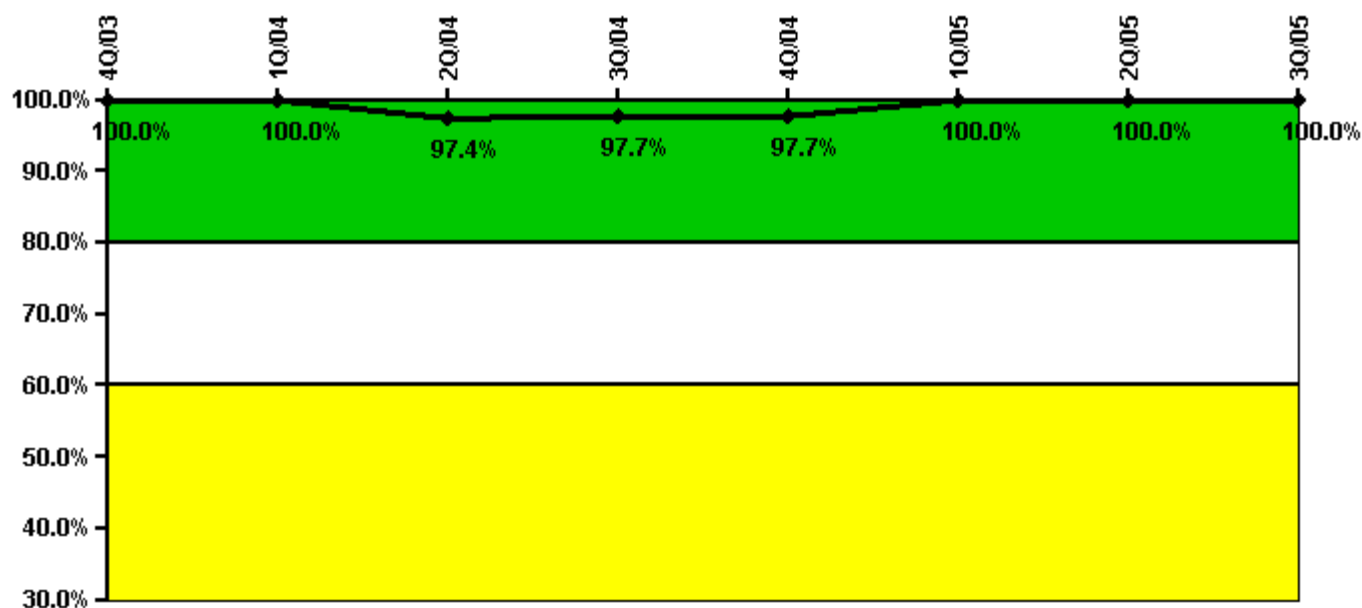
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Successful opportunities	23.0	34.0	18.0	21.0	0	47.0	29.0	34.0
Total opportunities	25.0	36.0	20.0	23.0	0	49.0	30.0	36.0
Indicator value	91.9%	92.4%	91.9%	91.3%	91.1%	93.9%	94.6%	91.1%

Licensee Comments: none

ERO Drill Participation



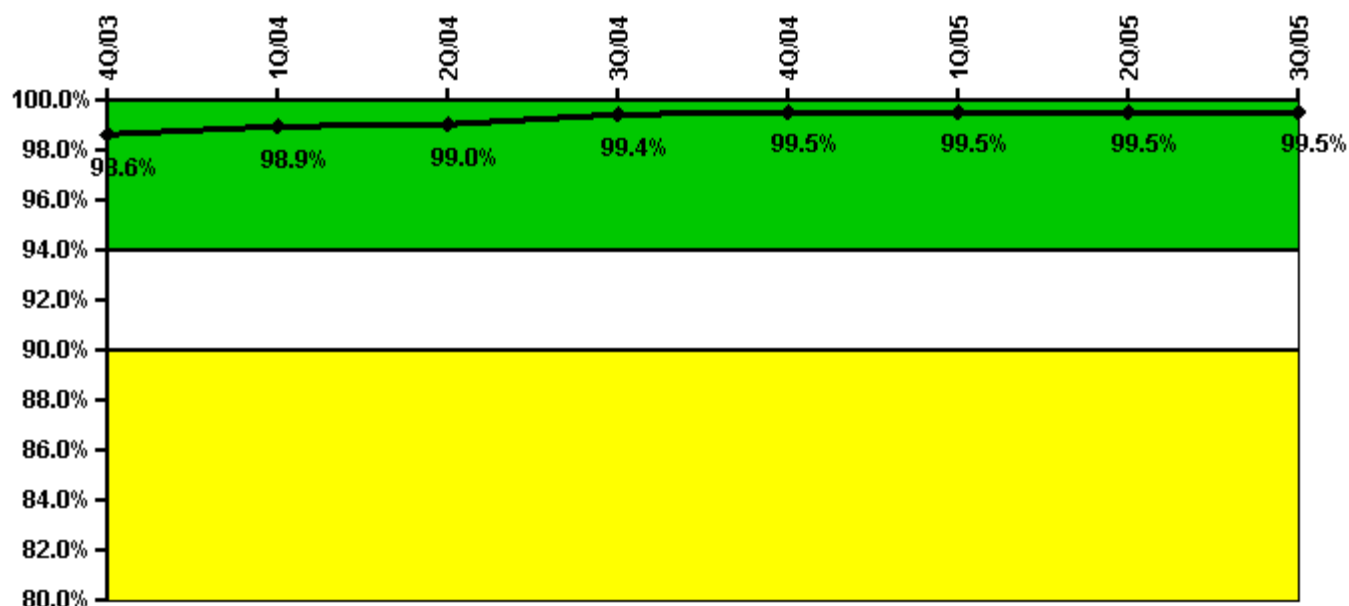
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Participating Key personnel	36.0	36.0	38.0	42.0	42.0	55.0	52.0	51.0
Total Key personnel	36.0	36.0	39.0	43.0	43.0	55.0	52.0	51.0
Indicator value	100.0%	100.0%	97.4%	97.7%	97.7%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



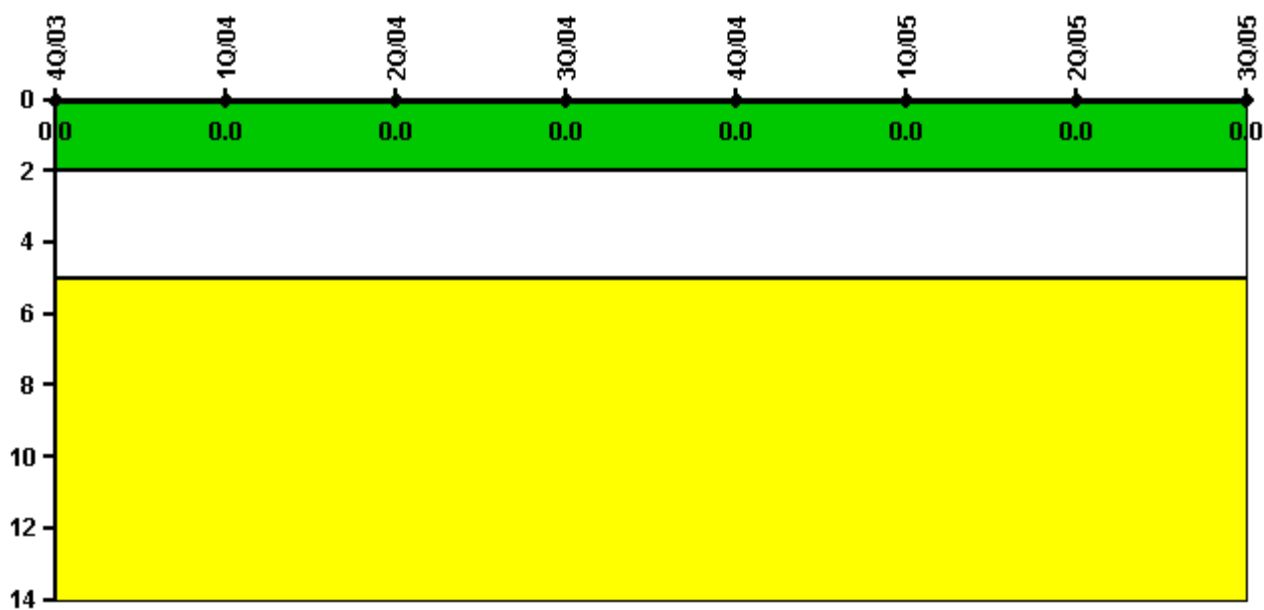
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Successful siren-tests	642	565	647	642	646	565	647	642
Total sirens-tests	648	567	648	648	649	567	648	648
Indicator value	98.6%	98.9%	99.0%	99.4%	99.5%	99.5%	99.5%	99.5%

Licensee Comments: none

Occupational Exposure Control Effectiveness



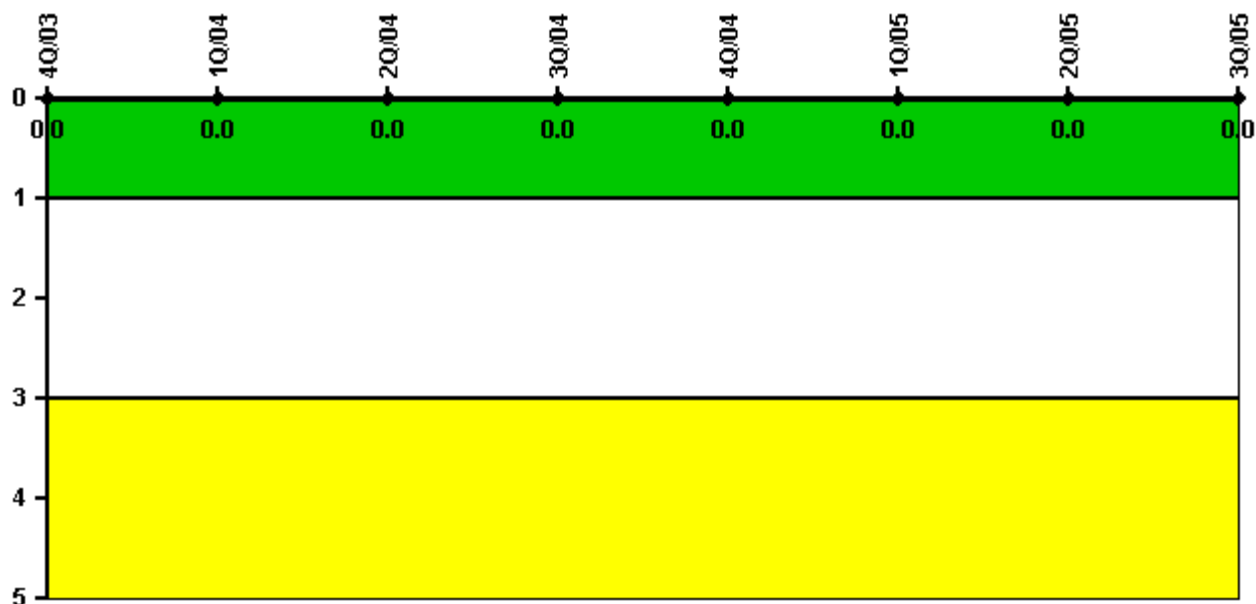
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/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	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](#)

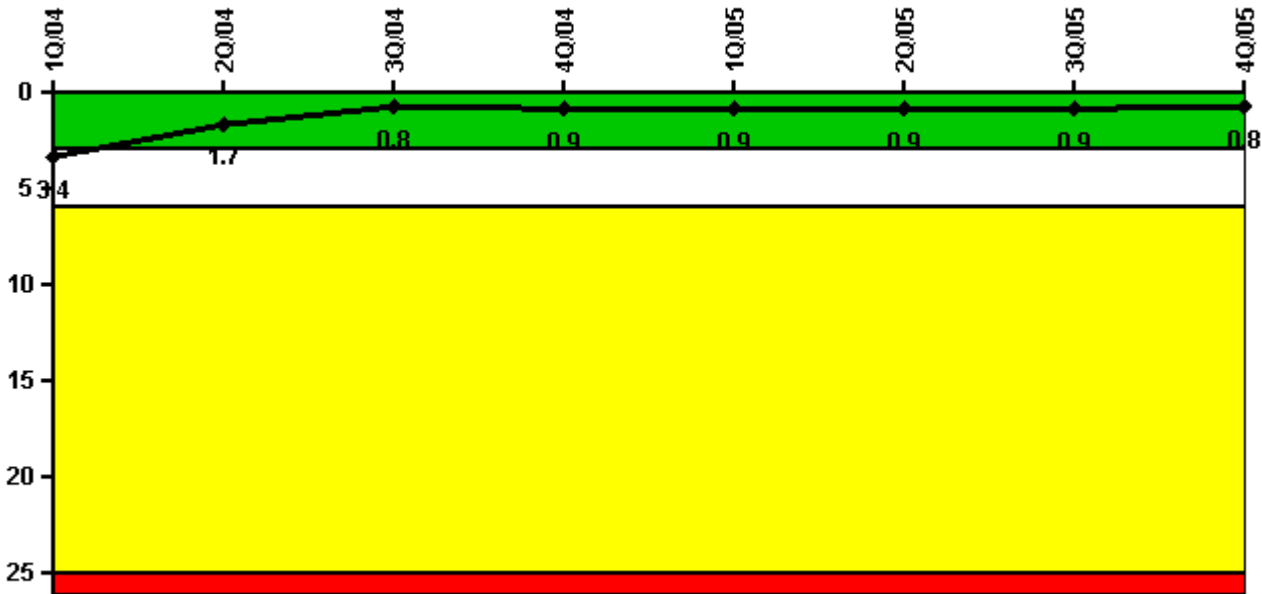
Last Modified: November 3, 2005

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4Q/2005 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



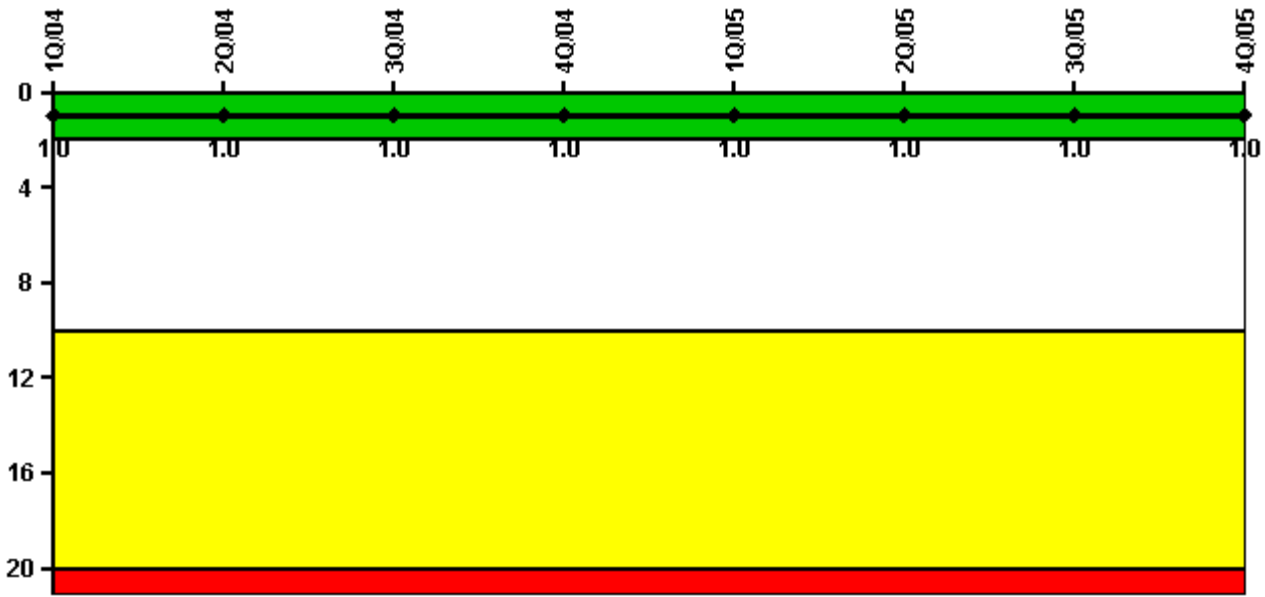
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0	1.0	0	0
Critical hours	2184.0	1878.4	2208.0	1476.2	2160.0	2139.6	2208.0	2209.0
Indicator value	3.4	1.7	0.8	0.9	0.9	0.9	0.9	0.8

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



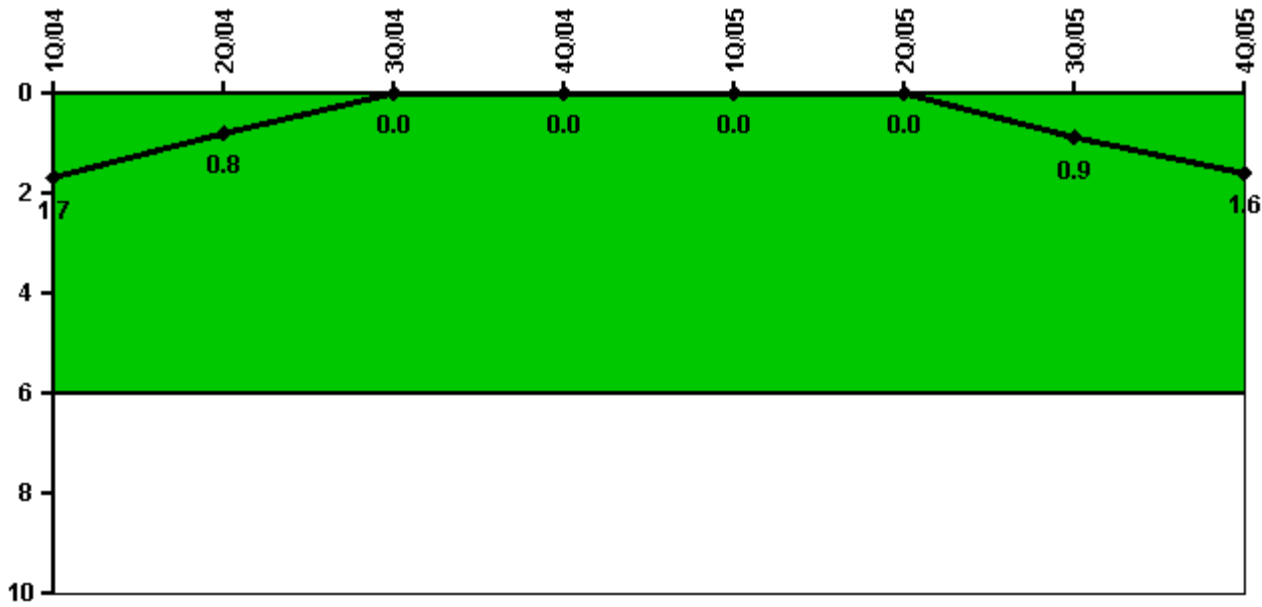
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



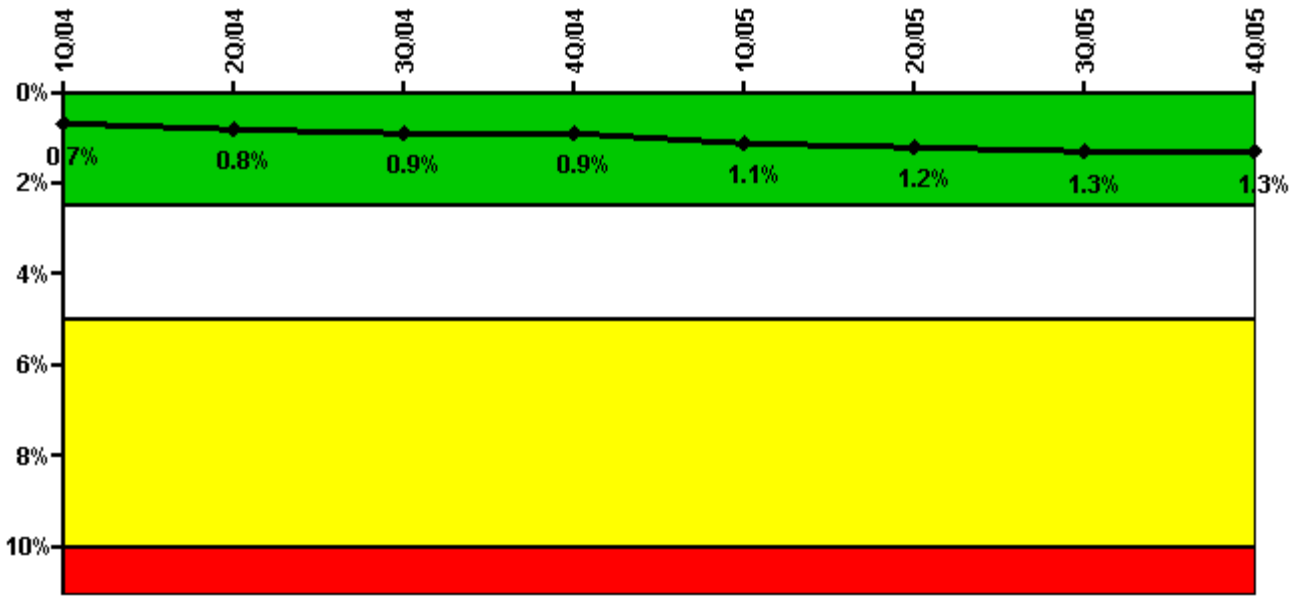
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Unplanned power changes	0	0	0	0	0	0	1.0	1.0
Critical hours	2184.0	1878.4	2208.0	1476.2	2160.0	2139.6	2208.0	2209.0
Indicator value	1.7	0.8	0	0	0	0	0.9	1.6

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



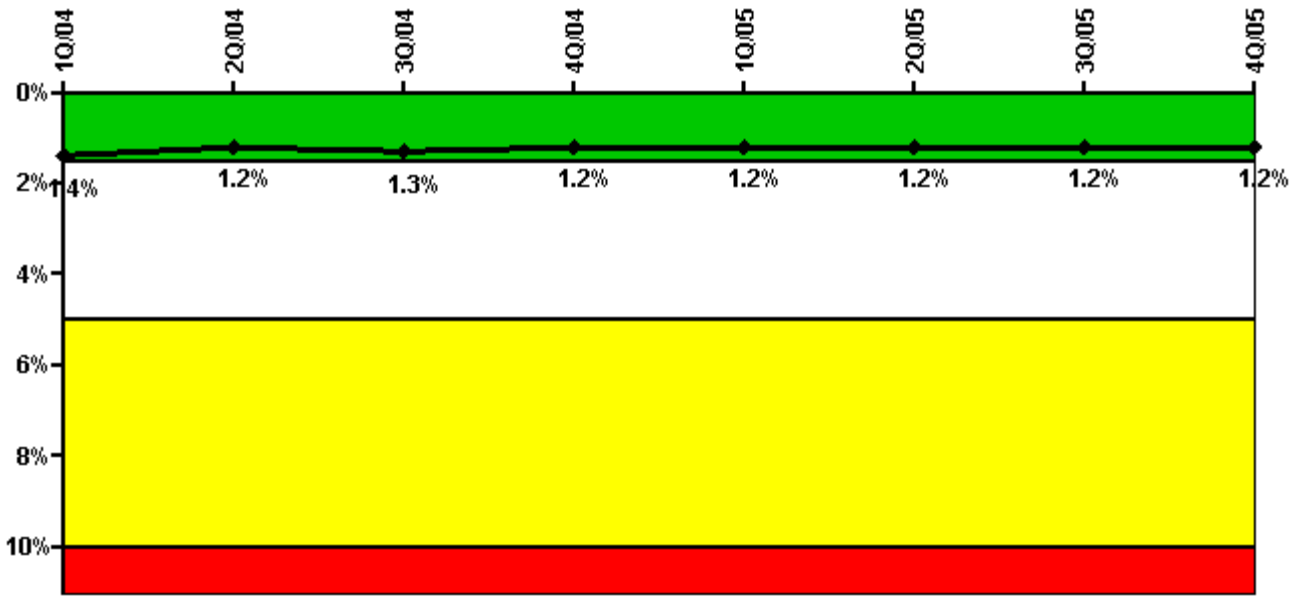
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Train 1								
Planned unavailable hours	1.78	31.25	44.90	1.40	38.80	23.80	19.60	28.96
Unplanned unavailable hours	0	0	21.80	0	4.20	35.00	0	2.45
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	2105.83	2208.00	2081.50	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	20.37	2.95	36.70	5.10	35.40	27.60	16.80	3.00
Unplanned unavailable hours	0	0	0	0	49.40	25.10	0	16.50
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2025.87	2208.00	1941.80	2160.00	2183.00	2208.00	2209.00
Indicator value	0.7%	0.8%	0.9%	0.9%	1.1%	1.2%	1.3%	1.3%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



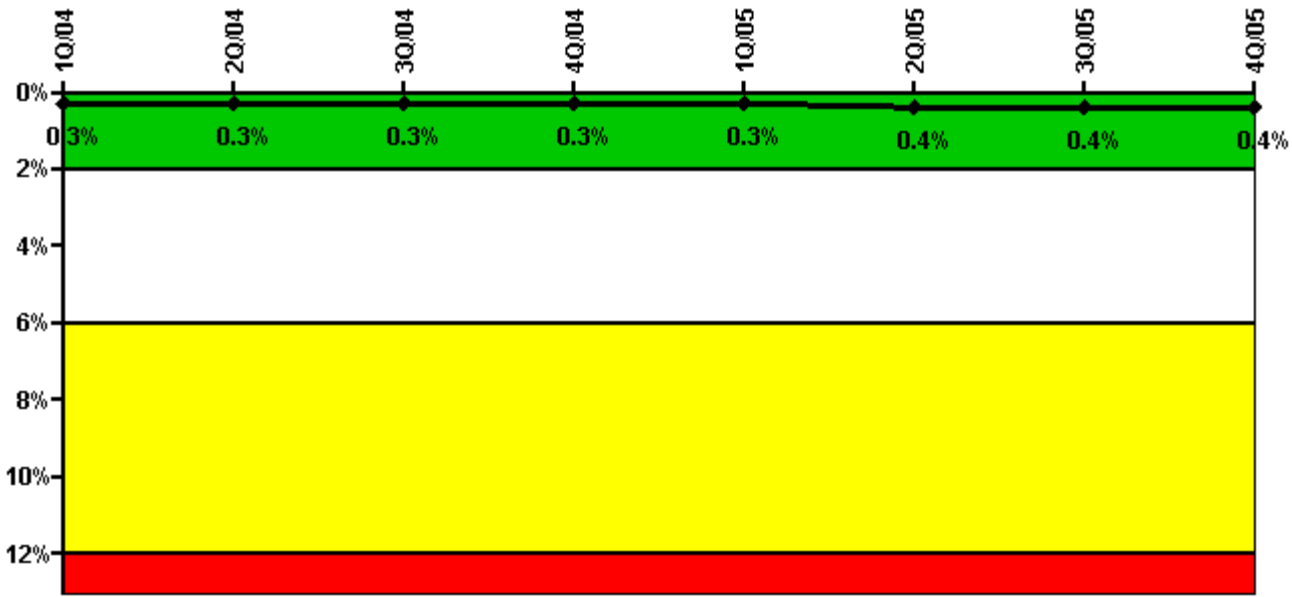
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Train 1								
Planned unavailable hours	36.40	5.50	34.30	2.20	23.80	14.40	21.00	1.10
Unplanned unavailable hours	0	0	30.80	0	0	10.50	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	2184.00	1878.40	2208.00	1476.30	2160.00	2139.60	2208.00	2209.00
Train 2								
Planned unavailable hours	10.70	1.20	4.10	1.80	7.60	12.00	36.60	30.10
Unplanned unavailable hours	0	0	0	0	12.10	7.10	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	2184.00	1878.40	2208.00	1476.30	2160.00	2139.60	2208.00	2209.00
Indicator value	1.4%	1.2%	1.3%	1.2%	1.2%	1.2%	1.2%	1.2%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



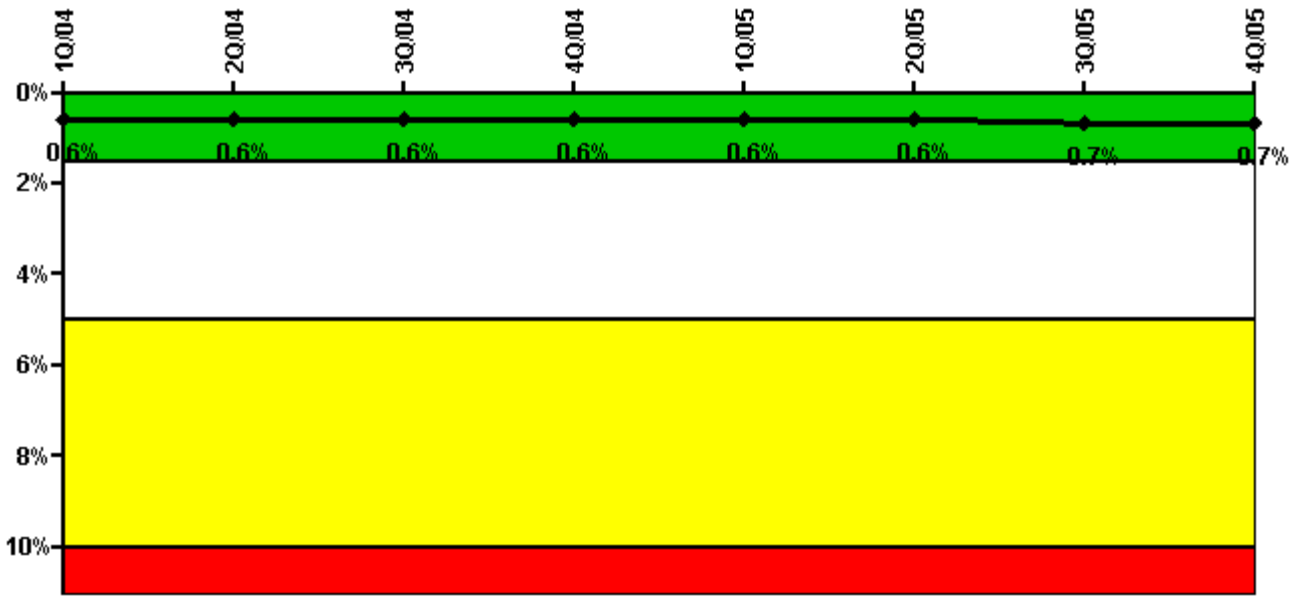
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Train 1								
Planned unavailable hours	10.40	2.50	3.80	7.00	3.20	2.10	1.40	1.10
Unplanned unavailable hours	0	0	0	0	0	2.50	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	2184.00	1878.40	2208.00	1476.30	2160.00	2139.60	2208.00	2209.00
Train 2								
Planned unavailable hours	2.50	1.70	11.30	0.90	1.20	16.50	2.20	3.10
Unplanned unavailable hours	0	0	0	0	0	2.70	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	1878.40	2208.00	1476.30	2160.00	2139.60	2208.00	2209.00
Train 3								
Planned unavailable hours	0	6.50	6.20	0.90	7.00	6.10	16.30	0
Unplanned unavailable hours	0	38.20	0	0	18.70	0.70	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	1878.40	2208.00	1476.30	2160.00	2139.60	2208.00	2209.00
Indicator value	0.3%	0.3%	0.3%	0.3%	0.3%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



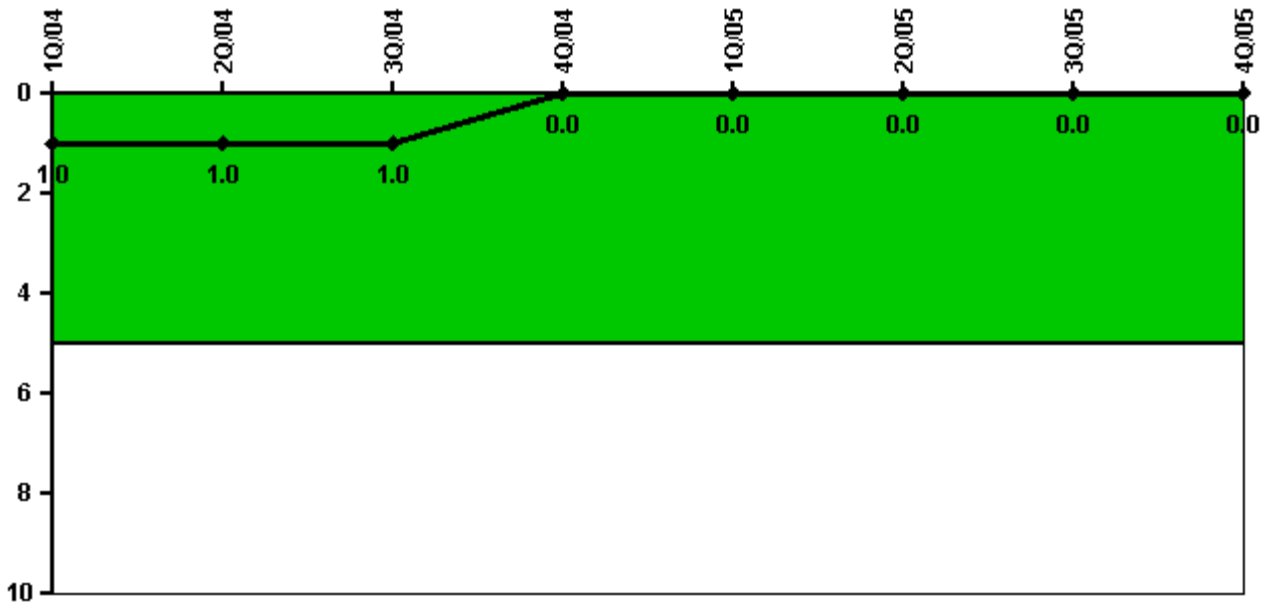
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Train 1								
Planned unavailable hours	15.40	14.60	40.40	8.90	5.80	8.30	26.70	4.50
Unplanned unavailable hours	0	8.10	21.80	3.20	0	3.20	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	3.10	1.20	15.60	0.90	17.00	10.20	7.50	9.60
Unplanned unavailable hours	0	0	0	1.40	0	2.70	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	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%	0.6%	0.6%	0.7%	0.7%

Licensee Comments: none

Safety System Functional Failures (PWR)



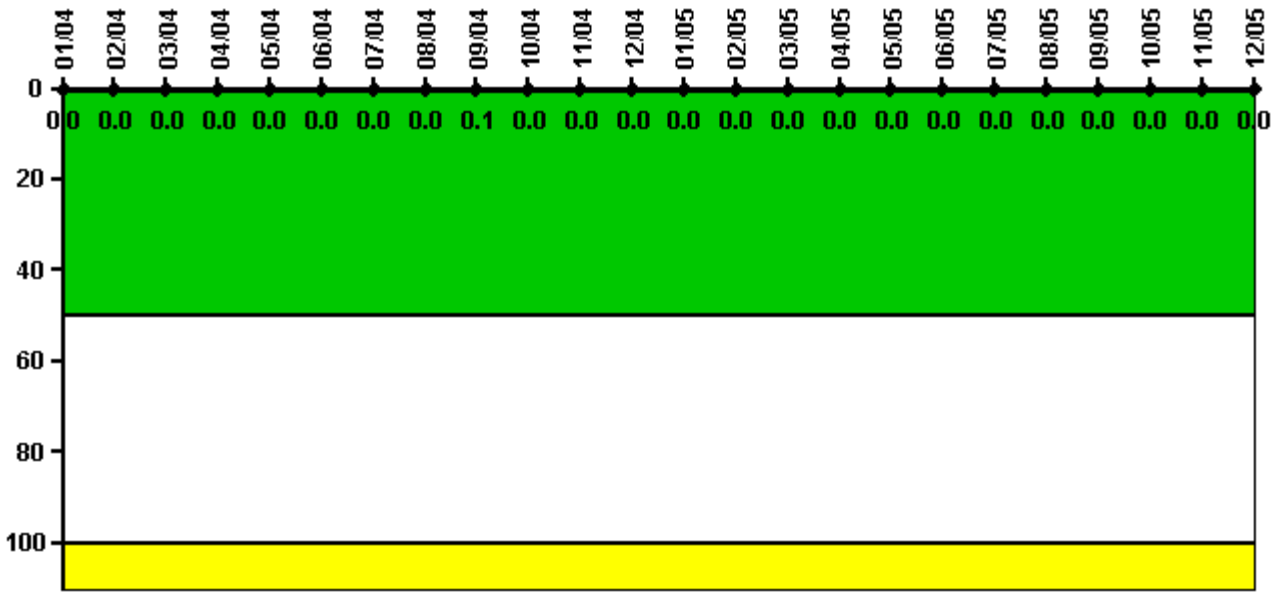
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



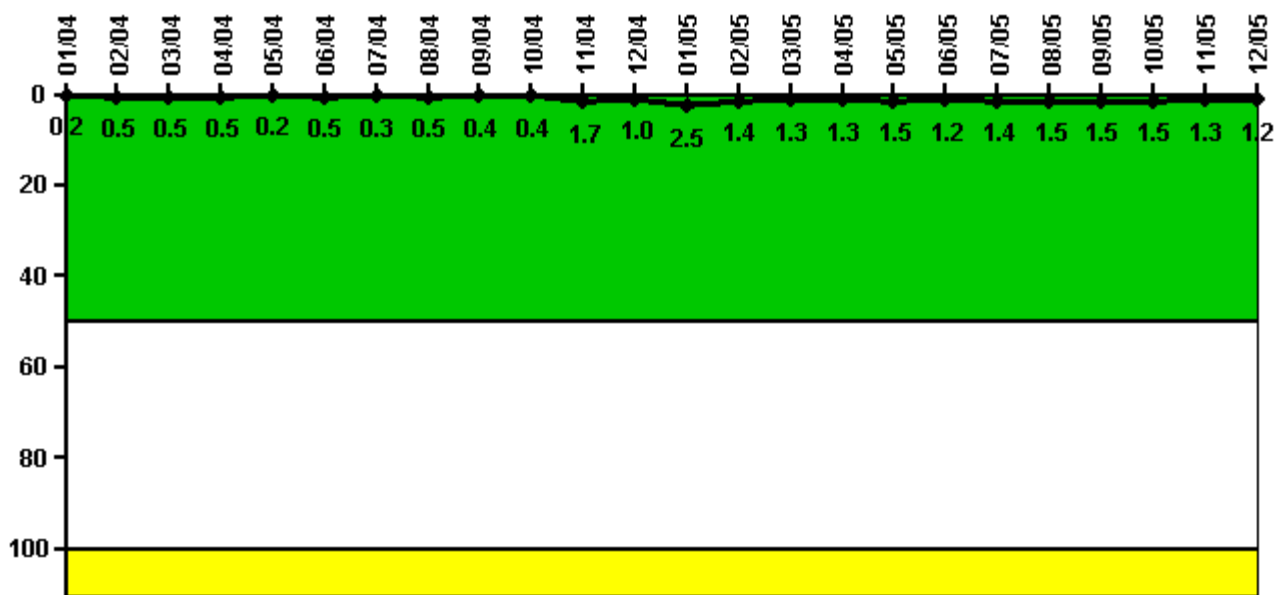
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	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	0.000109	0.000113	0.000110	0.000113	0.000117	0.000122	0.000125	0.000128	0.000528	0.000148	0.000059	0.000062
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0.1	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	0.000065	0.000125	0.000133	0.000070	0.000075	0.000076	0.000097	0.000079	0.000084	0.000084	0.000090	0.000092
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



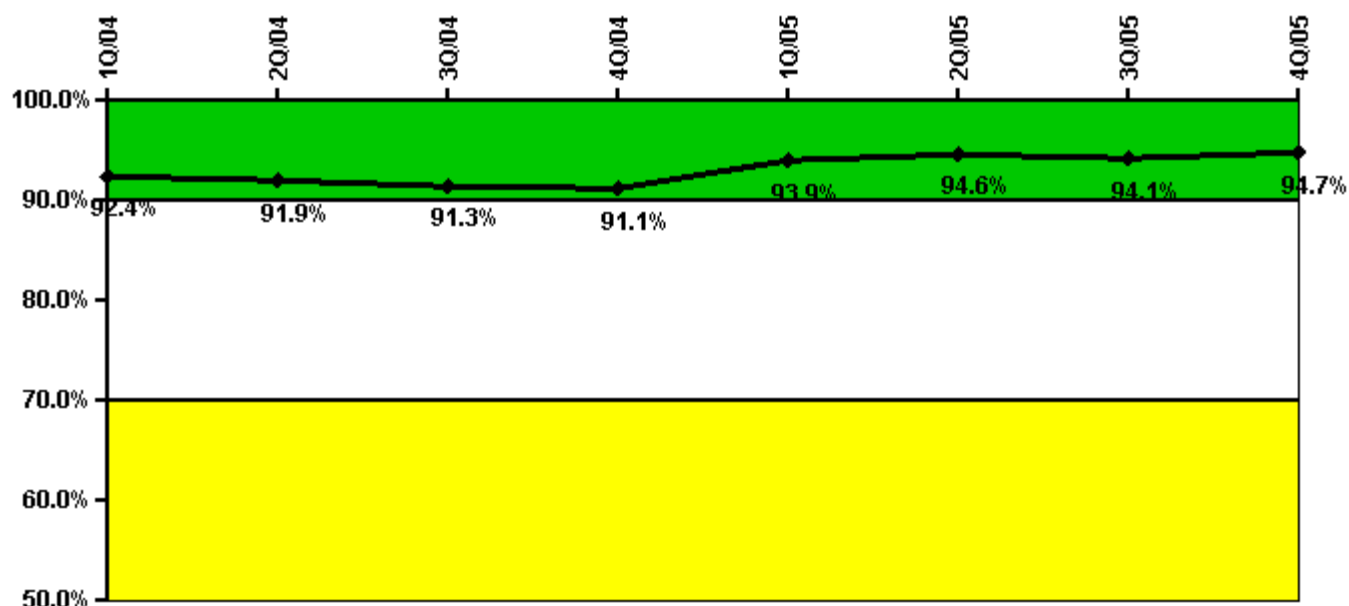
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04
Maximum leakage	0.020	0.050	0.050	0.050	0.020	0.050	0.030	0.050	0.040	0.040	0.170	0.100
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.5	0.5	0.5	0.2	0.5	0.3	0.5	0.4	0.4	1.7	1.0
Reactor Coolant System Leakage	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05
Maximum leakage	0.250	0.140	0.130	0.130	0.150	0.120	0.140	0.150	0.150	0.150	0.130	0.120
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.5	1.4	1.3	1.3	1.5	1.2	1.4	1.5	1.5	1.5	1.3	1.2

Licensee Comments: none

Drill/Exercise Performance



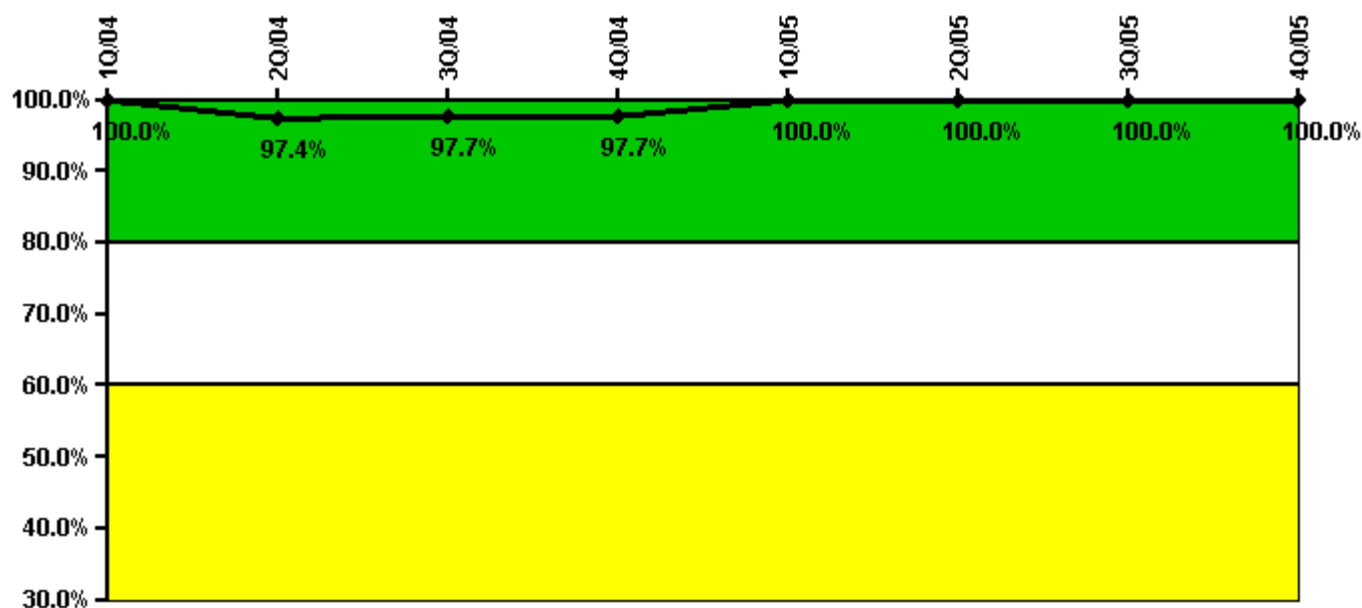
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Successful opportunities	34.0	18.0	21.0	0	47.0	29.0	34.0	32.0
Total opportunities	36.0	20.0	23.0	0	49.0	30.0	36.0	33.0
Indicator value	92.4%	91.9%	91.3%	91.1%	93.9%	94.6%	94.1%	94.7%

Licensee Comments: none

ERO Drill Participation



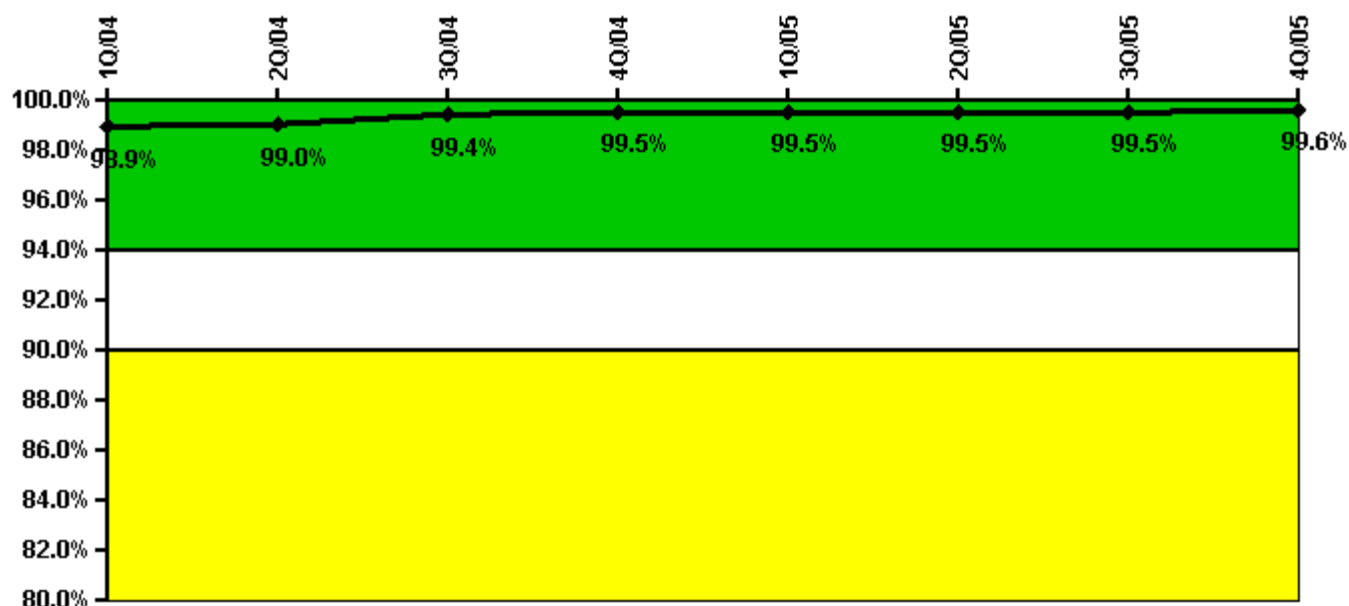
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Participating Key personnel	36.0	38.0	42.0	42.0	55.0	52.0	51.0	49.0
Total Key personnel	36.0	39.0	43.0	43.0	55.0	52.0	51.0	49.0
Indicator value	100.0%	97.4%	97.7%	97.7%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



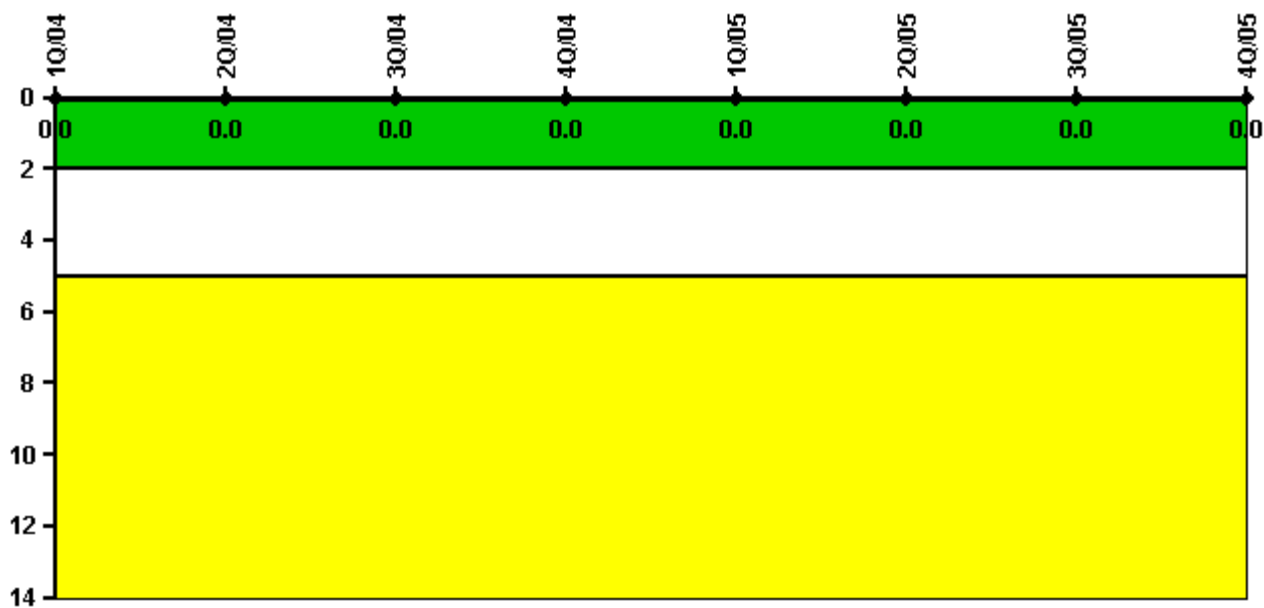
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Successful siren-tests	565	647	642	646	565	647	642	647
Total sirens-tests	567	648	648	649	567	648	648	648
Indicator value	98.9%	99.0%	99.4%	99.5%	99.5%	99.5%	99.5%	99.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness



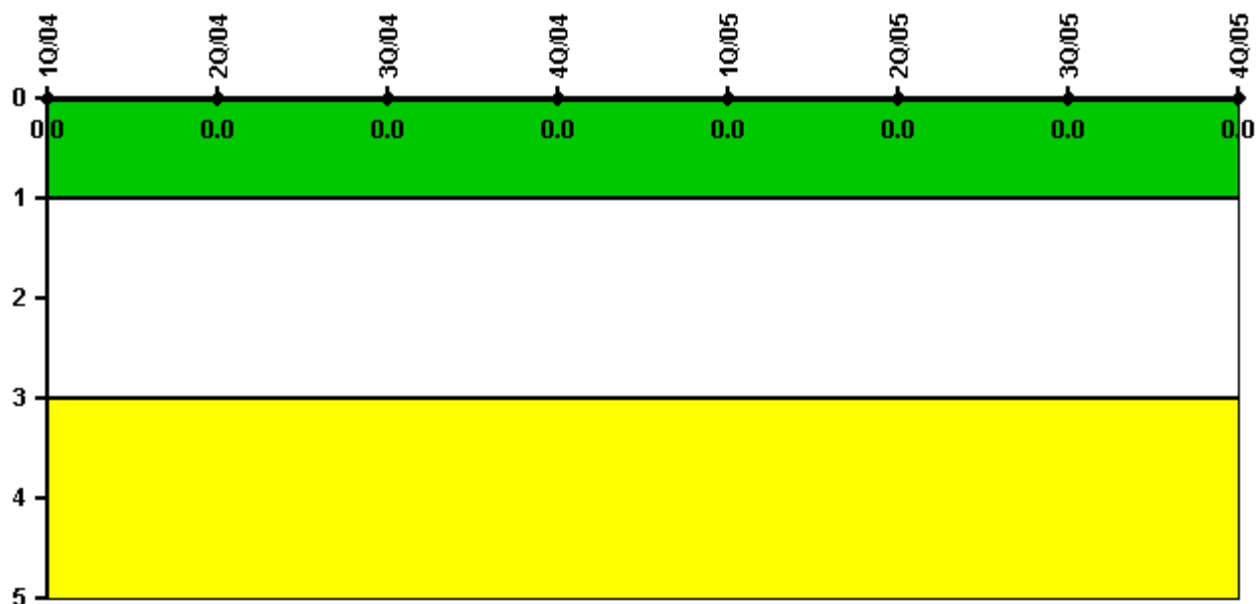
Thresholds: White > 2.0 Yellow > 5.0

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	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/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

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

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

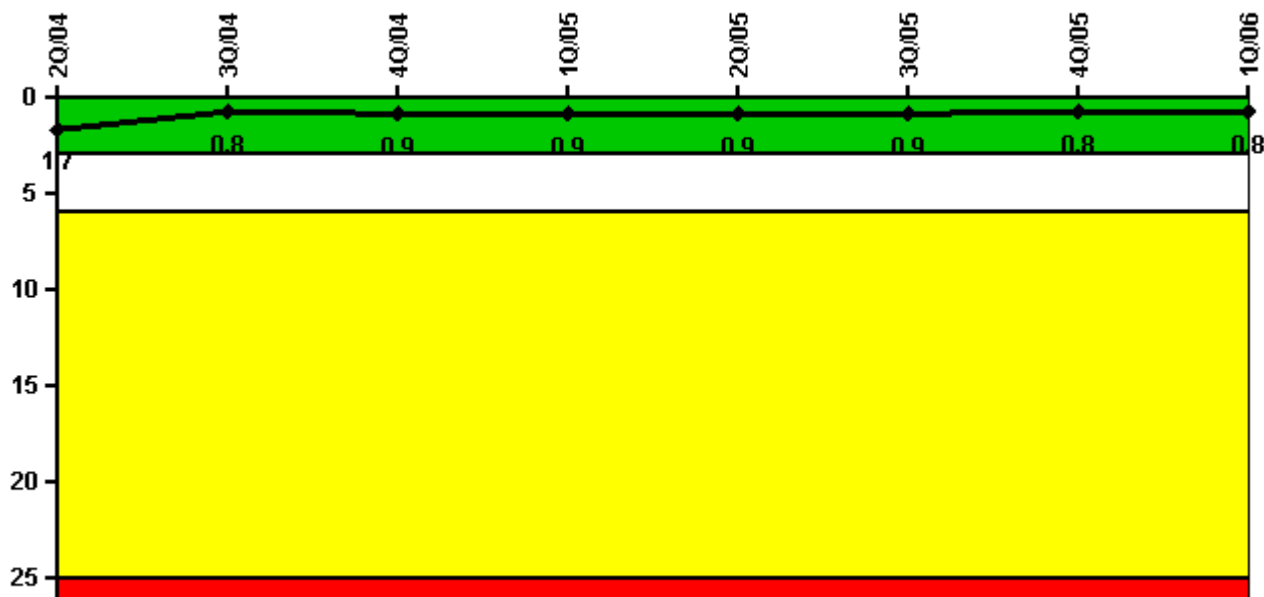
Last Modified: January 30, 2006

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1Q/2006 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



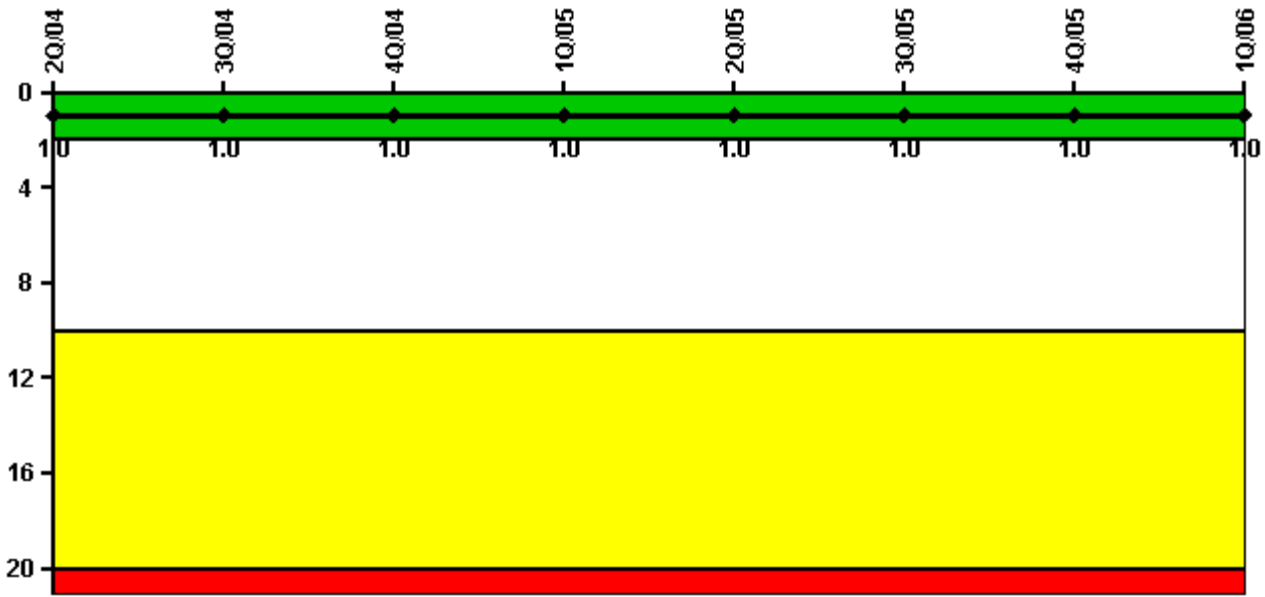
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0	1.0	0	0	0
Critical hours	1878.4	2208.0	1476.2	2160.0	2139.6	2208.0	2209.0	2160.0
Indicator value	1.7	0.8	0.9	0.9	0.9	0.9	0.8	0.8

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



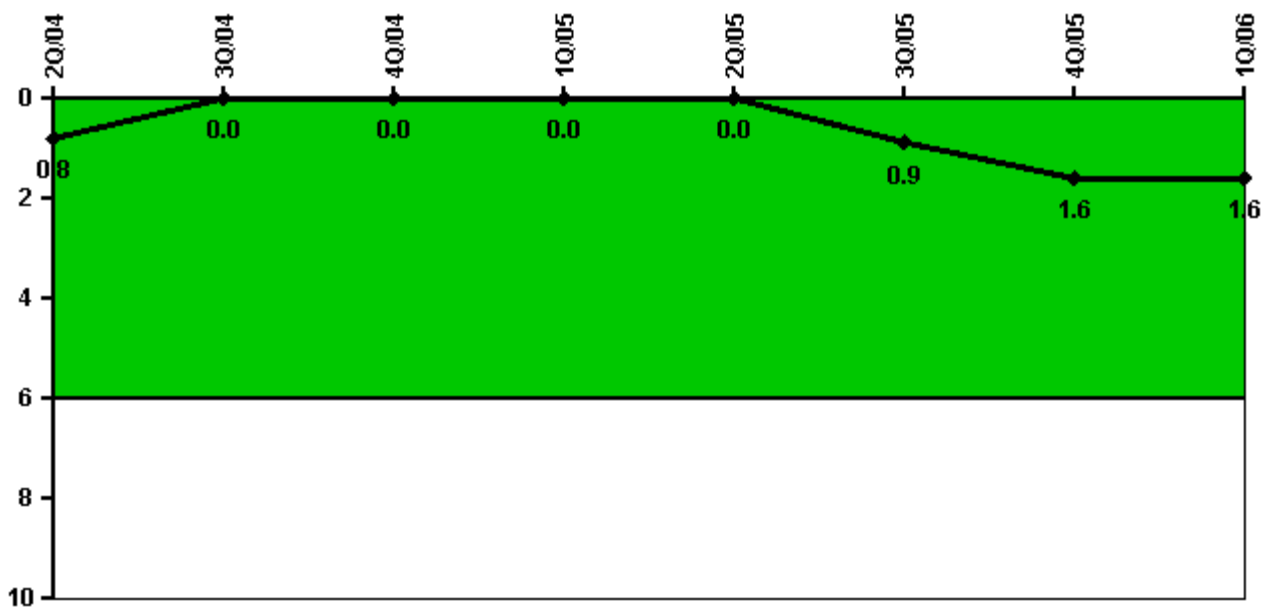
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



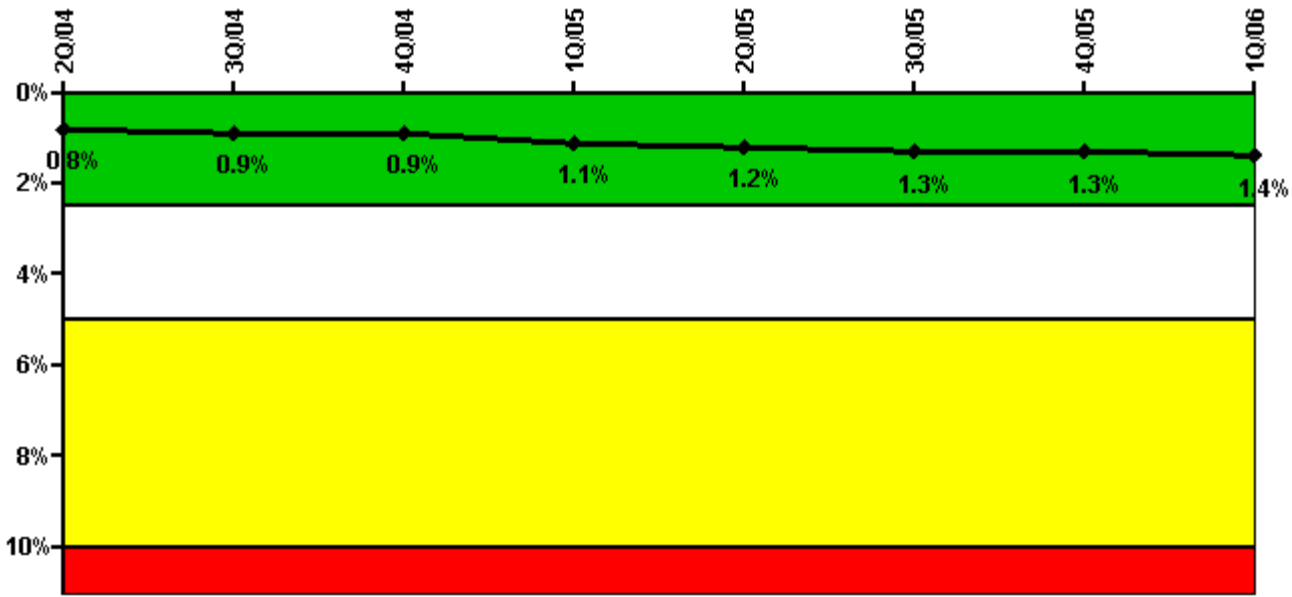
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Unplanned power changes	0	0	0	0	0	1.0	1.0	0
Critical hours	1878.4	2208.0	1476.2	2160.0	2139.6	2208.0	2209.0	2160.0
Indicator value	0.8	0	0	0	0	0.9	1.6	1.6

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



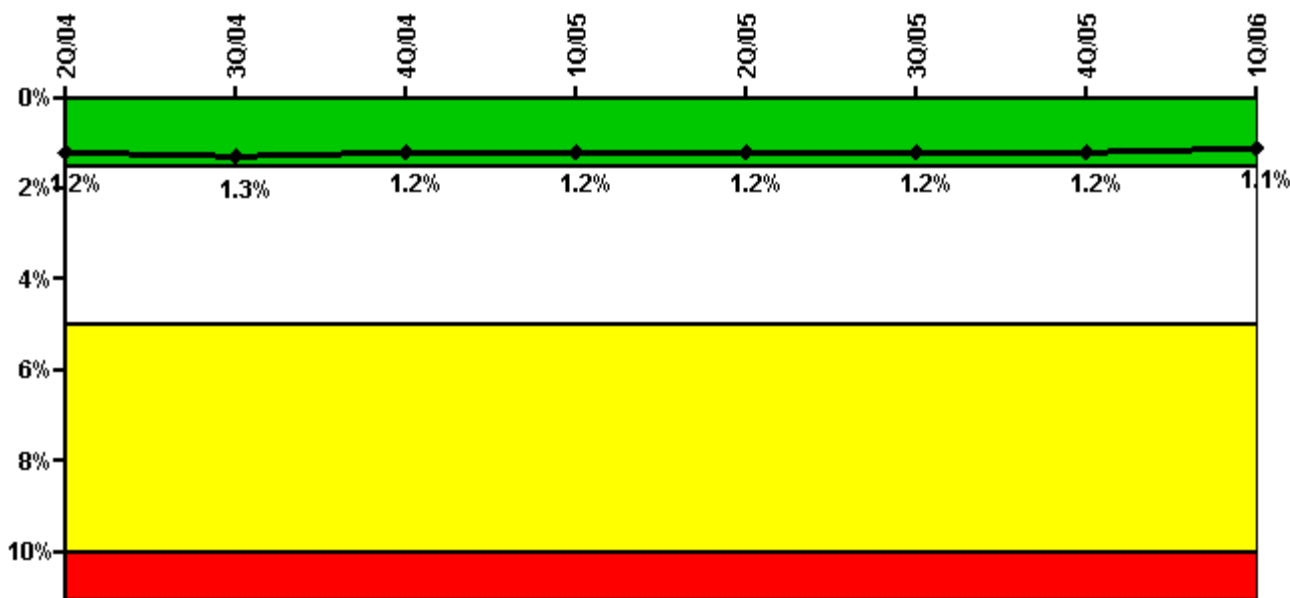
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	31.25	44.90	1.40	38.80	23.80	19.60	28.96	5.03
Unplanned unavailable hours	0	21.80	0	4.20	35.00	0	2.45	10.90
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2105.83	2208.00	2081.50	2160.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	2.95	36.70	5.10	35.40	27.60	16.80	3.00	26.41
Unplanned unavailable hours	0	0	0	49.40	25.10	0	16.50	15.30
Fault exposure hours	0	0	0	0	0	0	0	3.50
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2025.87	2208.00	1941.80	2160.00	2183.00	2208.00	2209.00	2160.00
Indicator value	0.8%	0.9%	0.9%	1.1%	1.2%	1.3%	1.3%	1.4%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



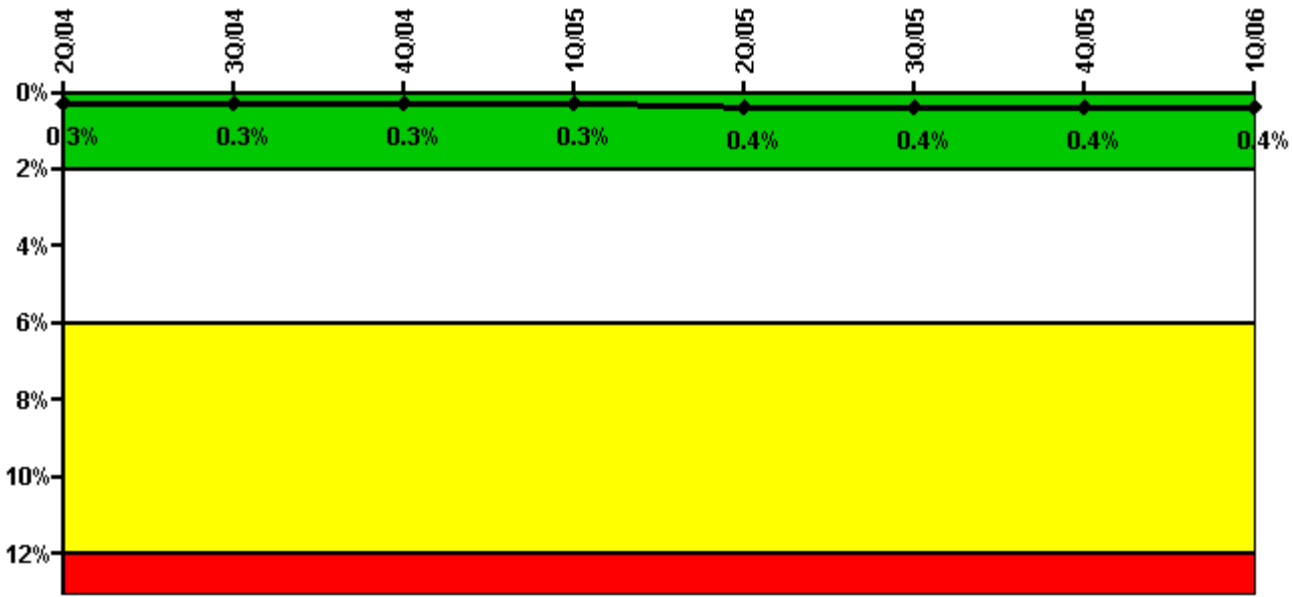
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	5.50	34.30	2.20	23.80	14.40	21.00	1.10	10.70
Unplanned unavailable hours	0	30.80	0	0	10.50	0	0	17.00
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1878.40	2208.00	1476.30	2160.00	2139.60	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	1.20	4.10	1.80	7.60	12.00	36.60	30.10	12.50
Unplanned unavailable hours	0	0	0	12.10	7.10	0	0	15.50
Fault exposure hours	0	0	0	0	0	0	0	0.50
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1878.40	2208.00	1476.30	2160.00	2139.60	2208.00	2209.00	2160.00
Indicator value	1.2%	1.3%	1.2%	1.2%	1.2%	1.2%	1.2%	1.1%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



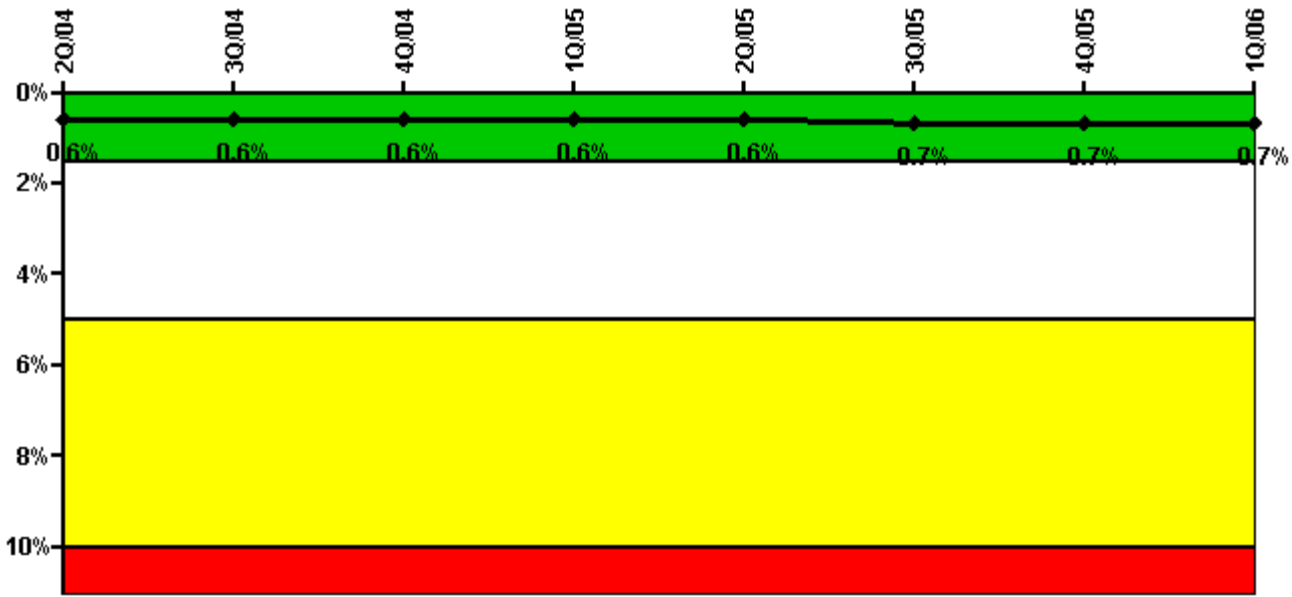
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	2.50	3.80	7.00	3.20	2.10	1.40	1.10	3.20
Unplanned unavailable hours	0	0	0	0	2.50	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	1878.40	2208.00	1476.30	2160.00	2139.60	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	1.70	11.30	0.90	1.20	16.50	2.20	3.10	2.00
Unplanned unavailable hours	0	0	0	0	2.70	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1878.40	2208.00	1476.30	2160.00	2139.60	2208.00	2209.00	2160.00
Train 3								
Planned unavailable hours	6.50	6.20	0.90	7.00	6.10	16.30	0	10.30
Unplanned unavailable hours	38.20	0	0	18.70	0.70	0	0	0.40
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1878.40	2208.00	1476.30	2160.00	2139.60	2208.00	2209.00	2160.00
Indicator value	0.3%	0.3%	0.3%	0.3%	0.4%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



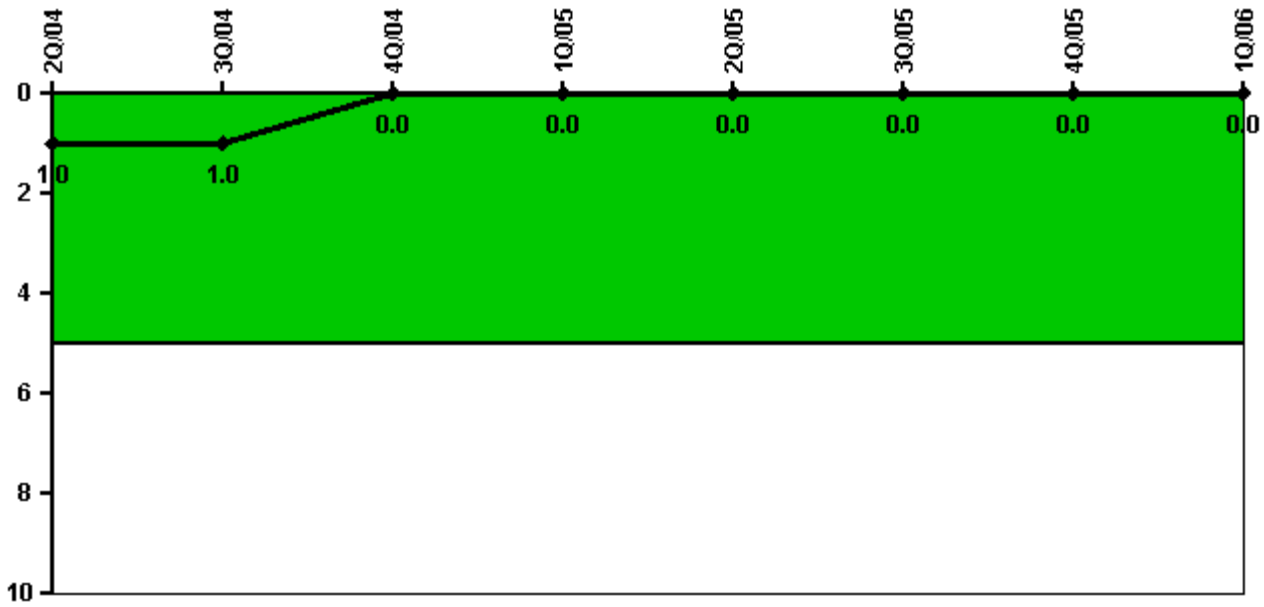
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	14.60	40.40	8.90	5.80	8.30	26.70	4.50	9.90
Unplanned unavailable hours	8.10	21.80	3.20	0	3.20	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	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	1.20	15.60	0.90	17.00	10.20	7.50	9.60	9.30
Unplanned unavailable hours	0	0	1.40	0	2.70	0	0	15.50
Fault exposure hours	0	0	0	0	0	0	0	0.50
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	0.6%	0.6%	0.6%	0.6%	0.6%	0.7%	0.7%	0.7%

Licensee Comments: none

Safety System Functional Failures (PWR)



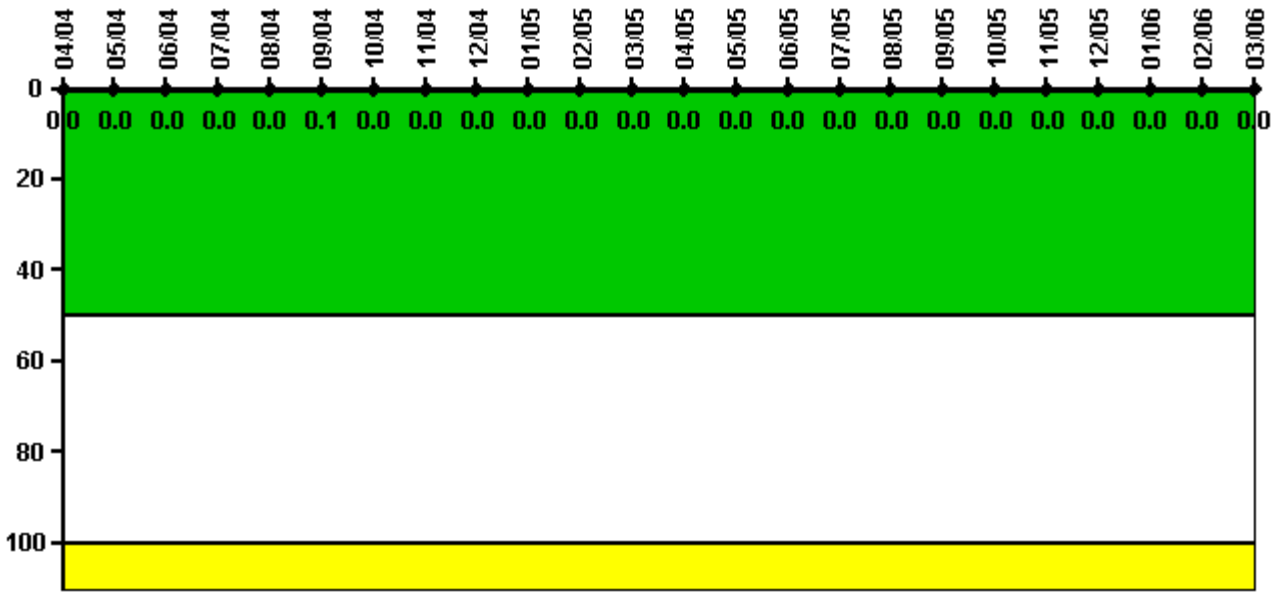
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



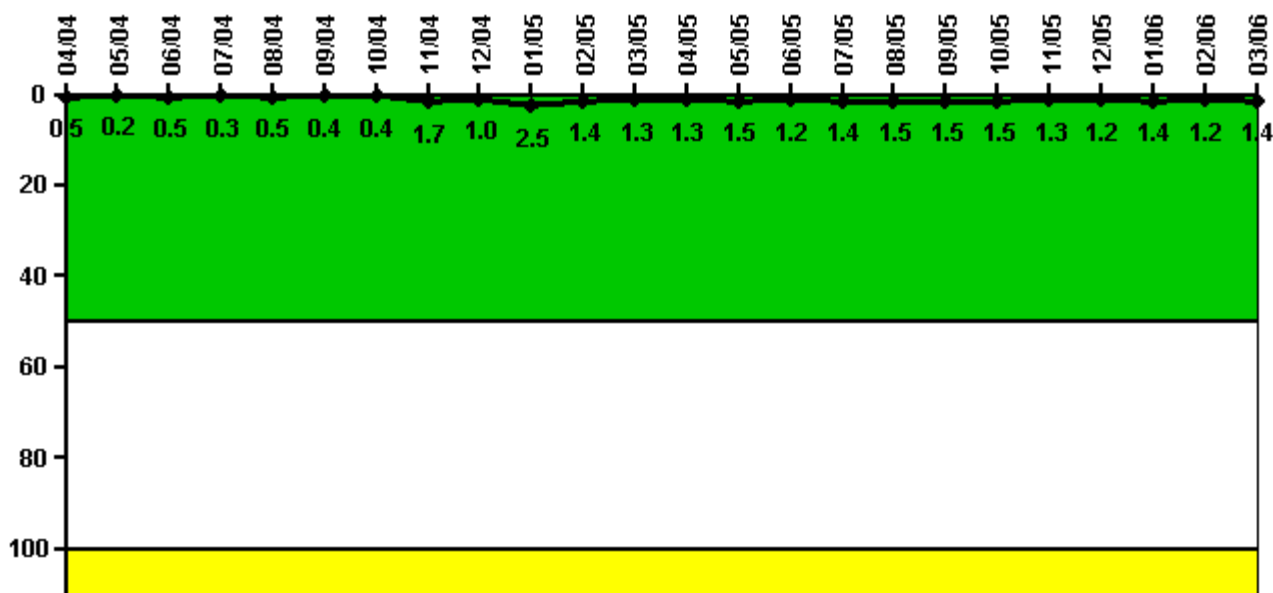
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	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	0.000113	0.000117	0.000122	0.000125	0.000128	0.000528	0.000148	0.000059	0.000062	0.000065	0.000125	0.000133
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0.1	0	0	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	0.000070	0.000075	0.000076	0.000097	0.000079	0.000084	0.000084	0.000090	0.000092	0.000098	0.000318	0.000208
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



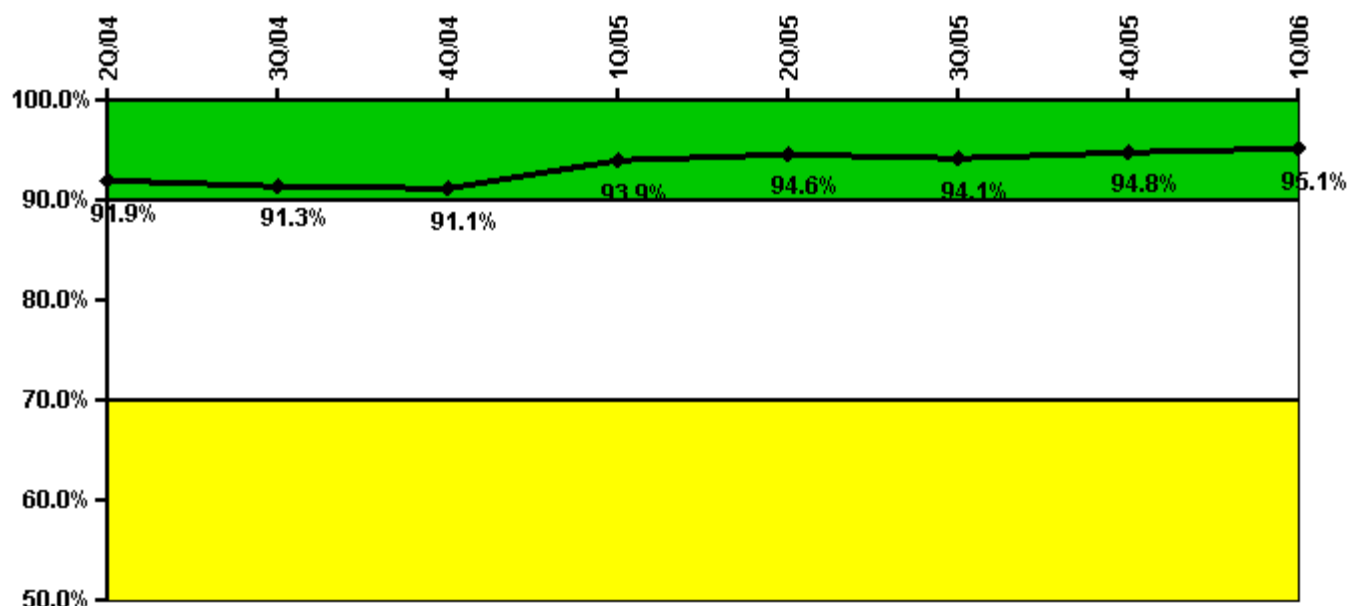
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05
Maximum leakage	0.050	0.020	0.050	0.030	0.050	0.040	0.040	0.170	0.100	0.250	0.140	0.130
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	0.2	0.5	0.3	0.5	0.4	0.4	1.7	1.0	2.5	1.4	1.3
Reactor Coolant System Leakage	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06
Maximum leakage	0.130	0.150	0.120	0.140	0.150	0.150	0.150	0.130	0.120	0.140	0.120	0.140
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.3	1.5	1.2	1.4	1.5	1.5	1.5	1.3	1.2	1.4	1.2	1.4

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

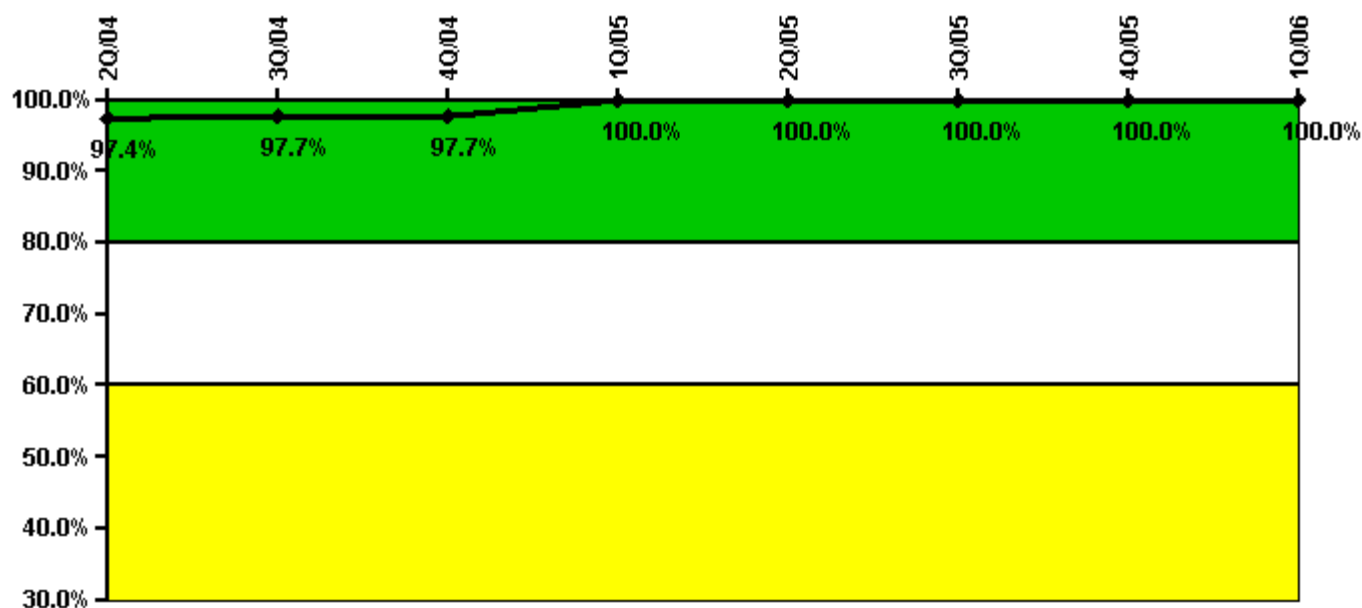
Notes

Drill/Exercise Performance	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Successful opportunities	18.0	21.0	0	47.0	29.0	34.0	34.0	10.0
Total opportunities	20.0	23.0	0	49.0	30.0	36.0	35.0	10.0
Indicator value	91.9%	91.3%	91.1%	93.9%	94.6%	94.1%	94.8%	95.1%

Licensee Comments:

4Q/05: The number of exercise opportunities and number of timely and accurate performances each increased by two for December 2005 data. This correction does not affect the color of the performance indicator.

ERO Drill Participation



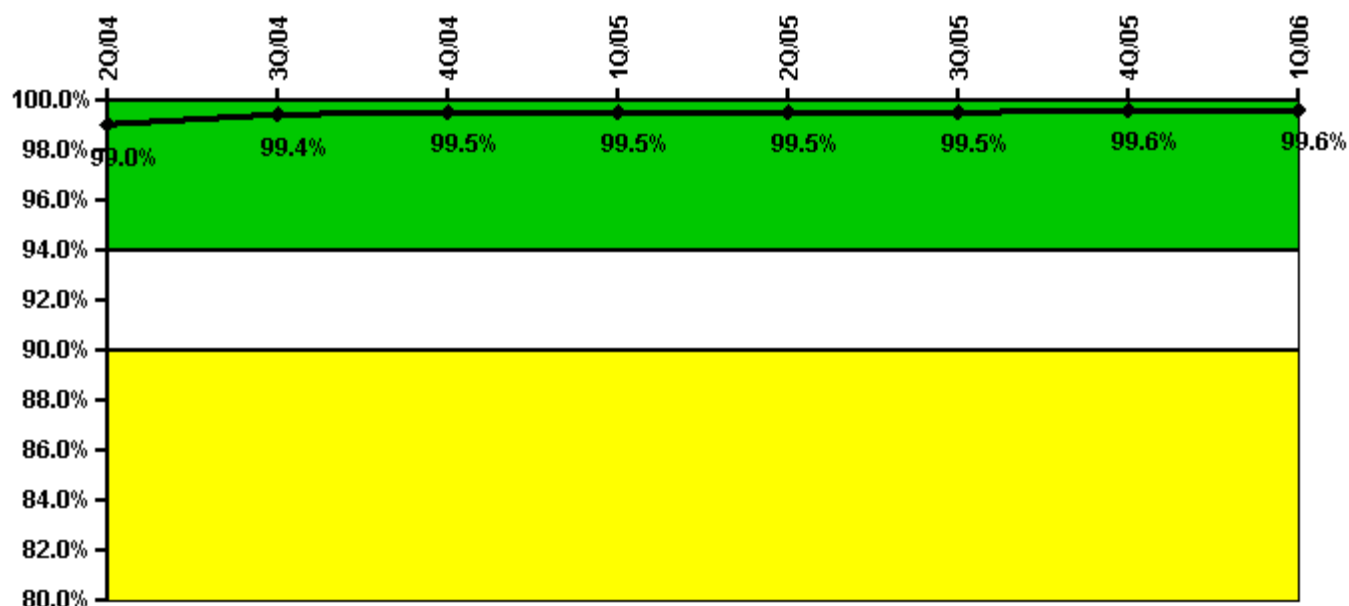
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Participating Key personnel	38.0	42.0	42.0	55.0	52.0	51.0	49.0	46.0
Total Key personnel	39.0	43.0	43.0	55.0	52.0	51.0	49.0	46.0
Indicator value	97.4%	97.7%	97.7%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



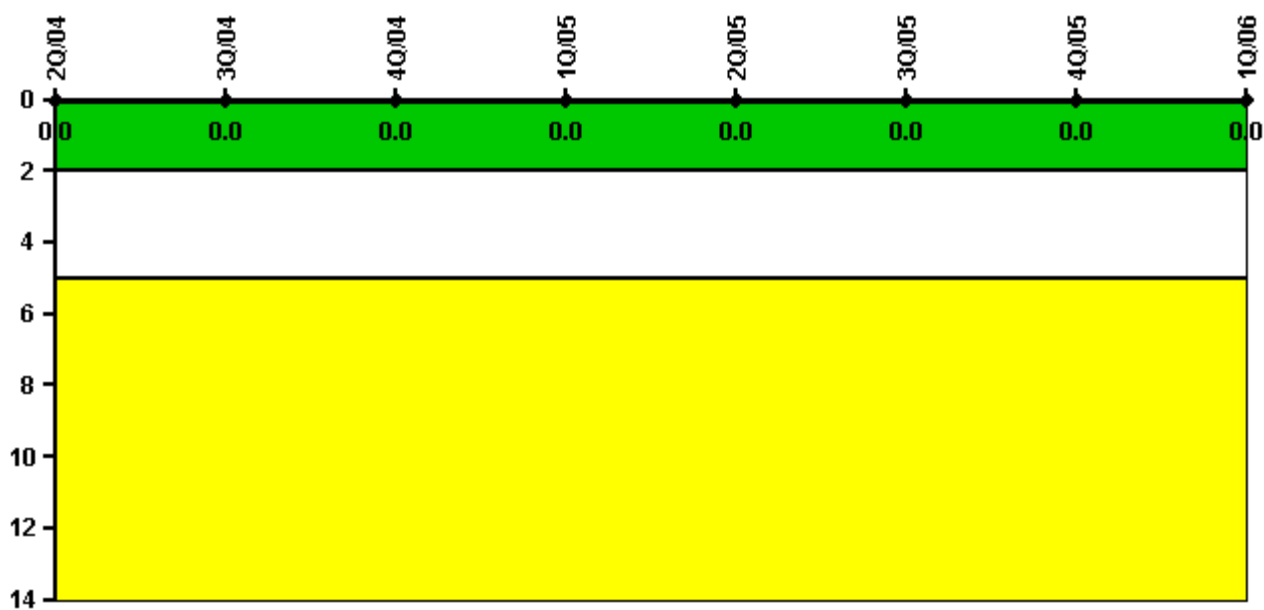
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Successful siren-tests	647	642	646	565	647	642	647	566
Total sirens-tests	648	648	649	567	648	648	648	567
Indicator value	99.0%	99.4%	99.5%	99.5%	99.5%	99.5%	99.6%	99.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness



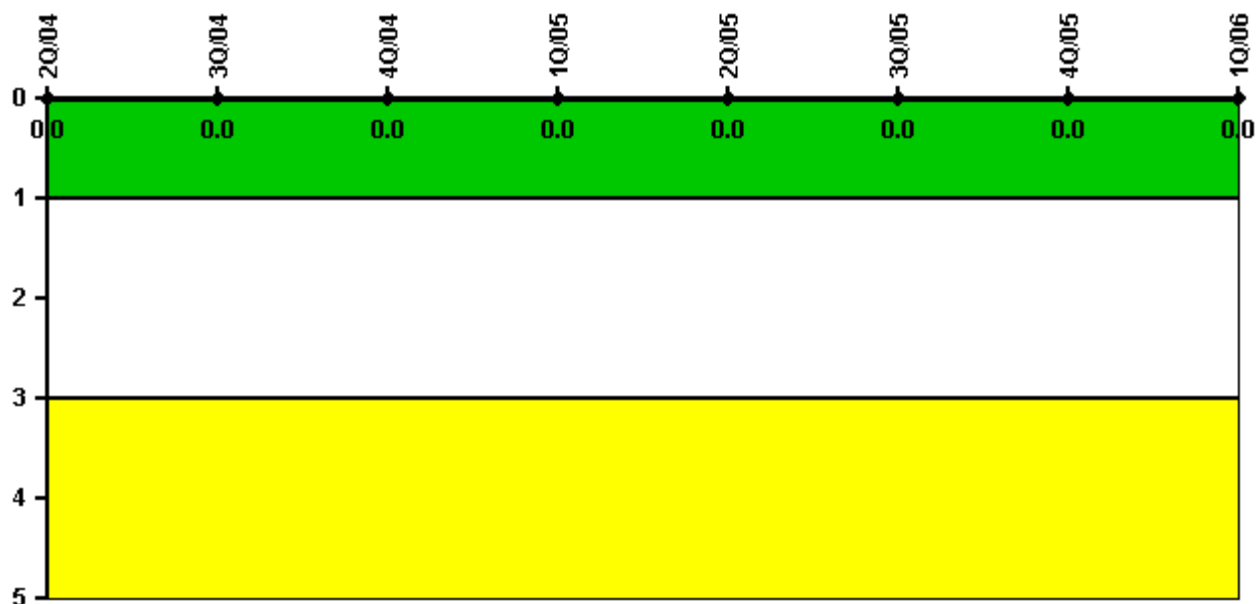
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/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	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/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](#)

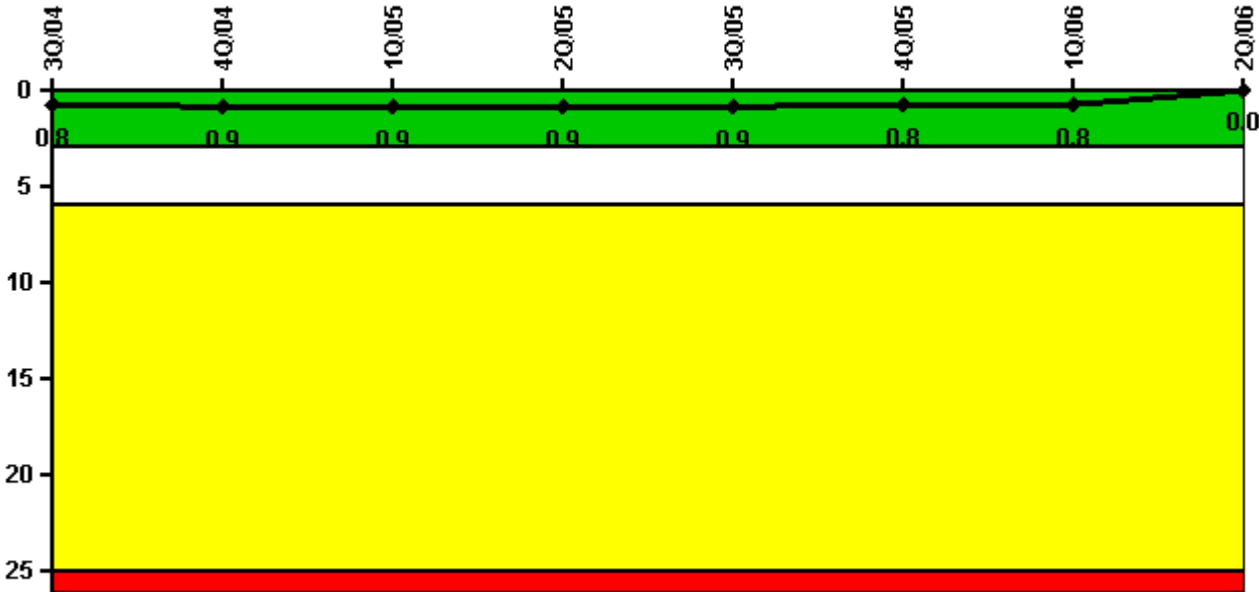
Last Modified: May 5, 2006

Harris 1

2Q/2006 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



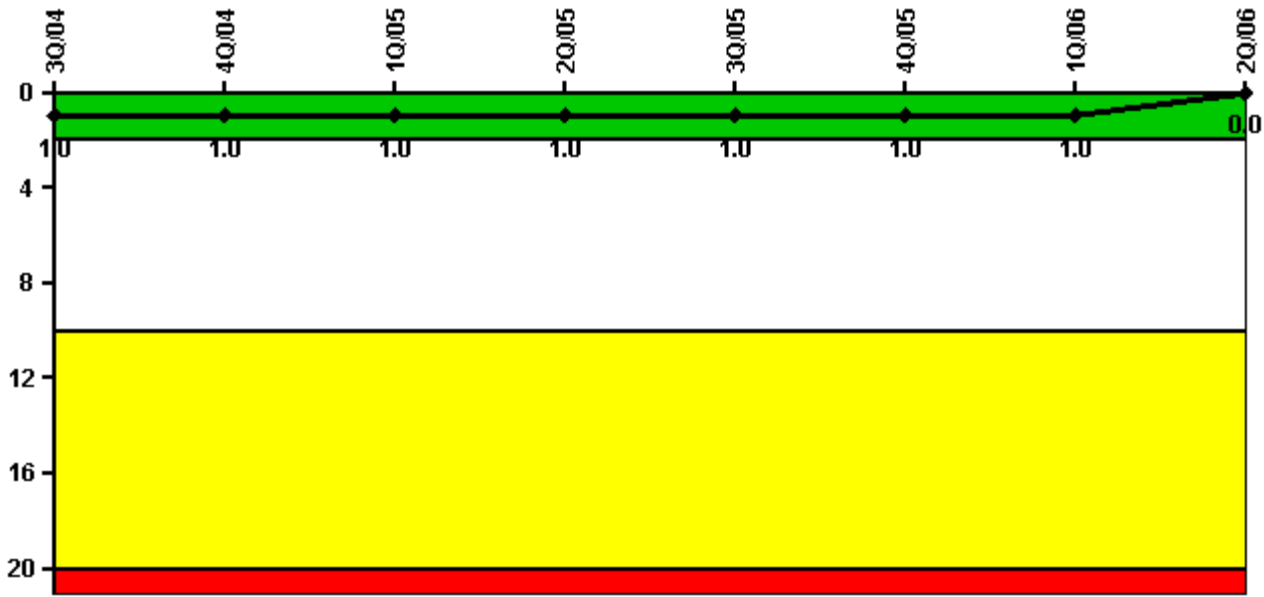
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Unplanned scrams	0	0	0	1.0	0	0	0	0
Critical hours	2208.0	1476.2	2160.0	2139.6	2208.0	2209.0	2160.0	1273.3
Indicator value	0.8	0.9	0.9	0.9	0.9	0.8	0.8	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



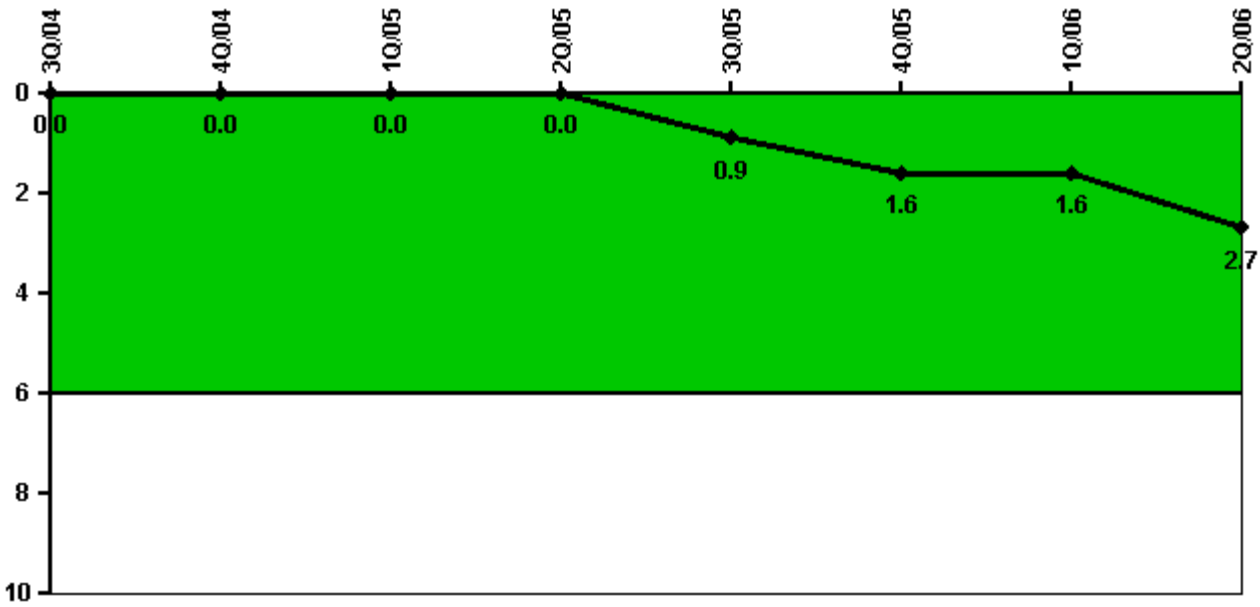
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



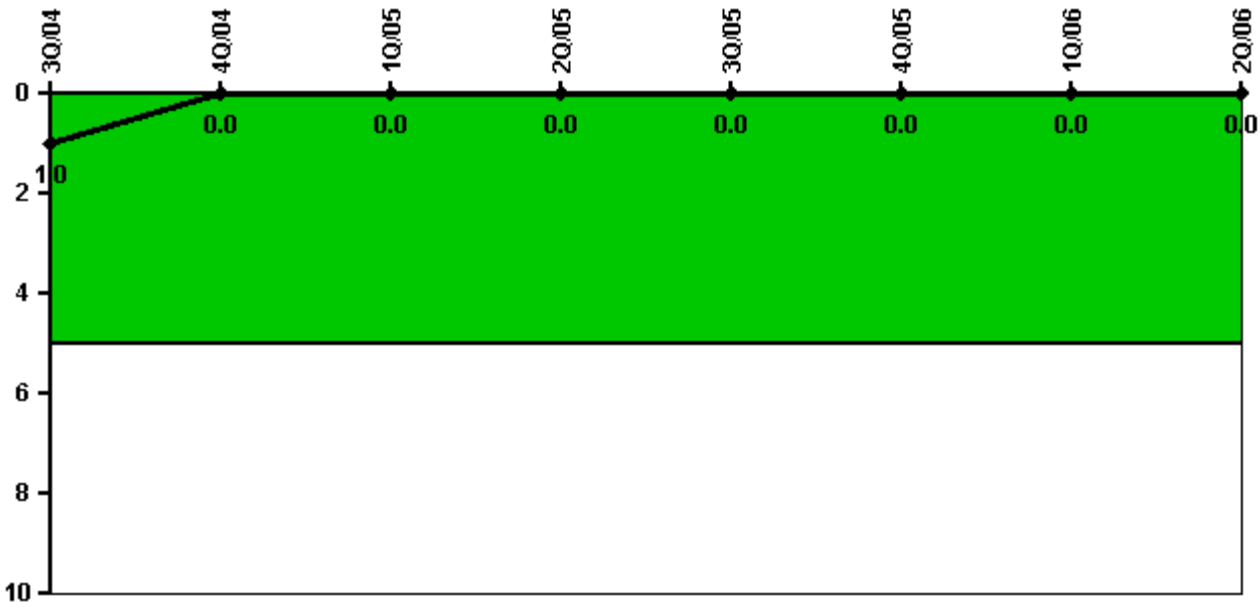
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Unplanned power changes	0	0	0	0	1.0	1.0	0	1.0
Critical hours	2208.0	1476.2	2160.0	2139.6	2208.0	2209.0	2160.0	1273.3
Indicator value	0	0	0	0	0.9	1.6	1.6	2.7

Licensee Comments: none

Safety System Functional Failures (PWR)



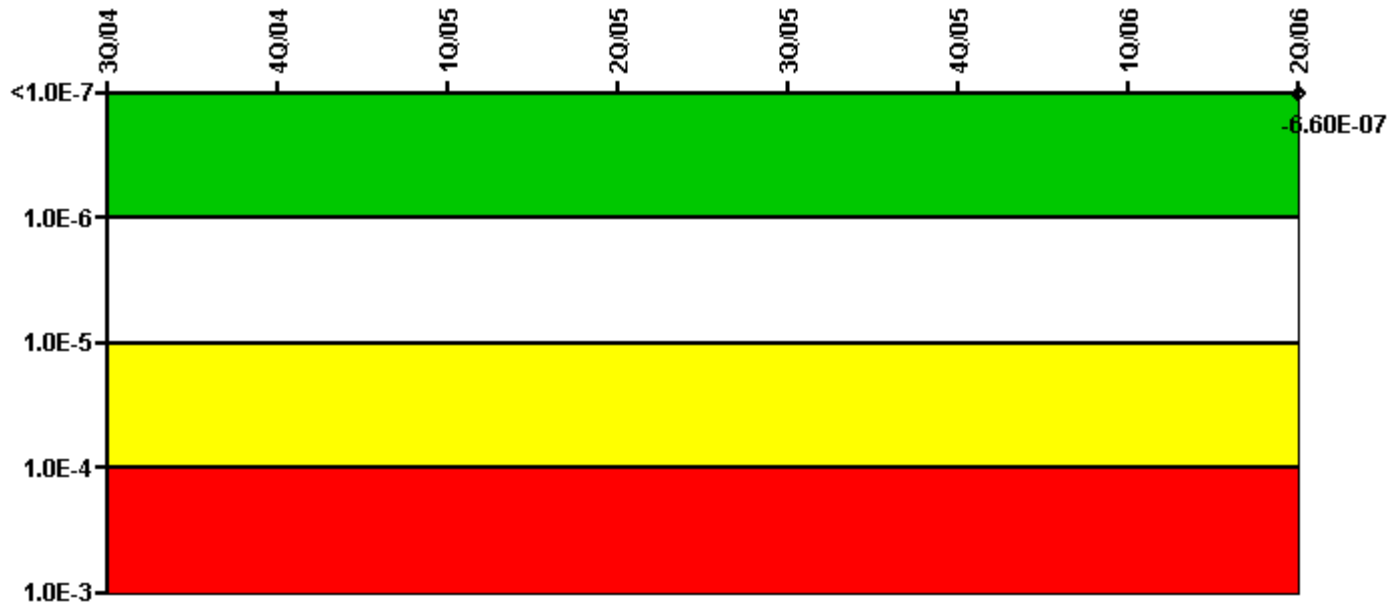
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



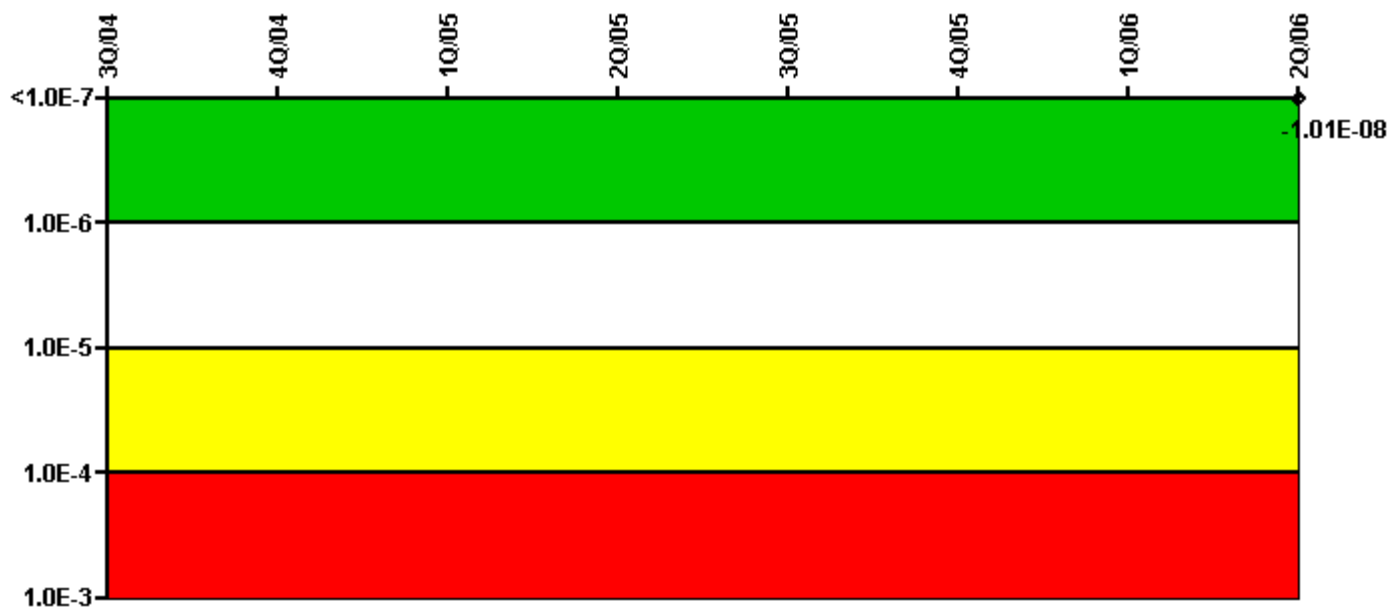
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (ΔCDF)								1.50E-07
URI (ΔCDF)								-8.10E-07
PLE								NO
Indicator value								-6.60E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



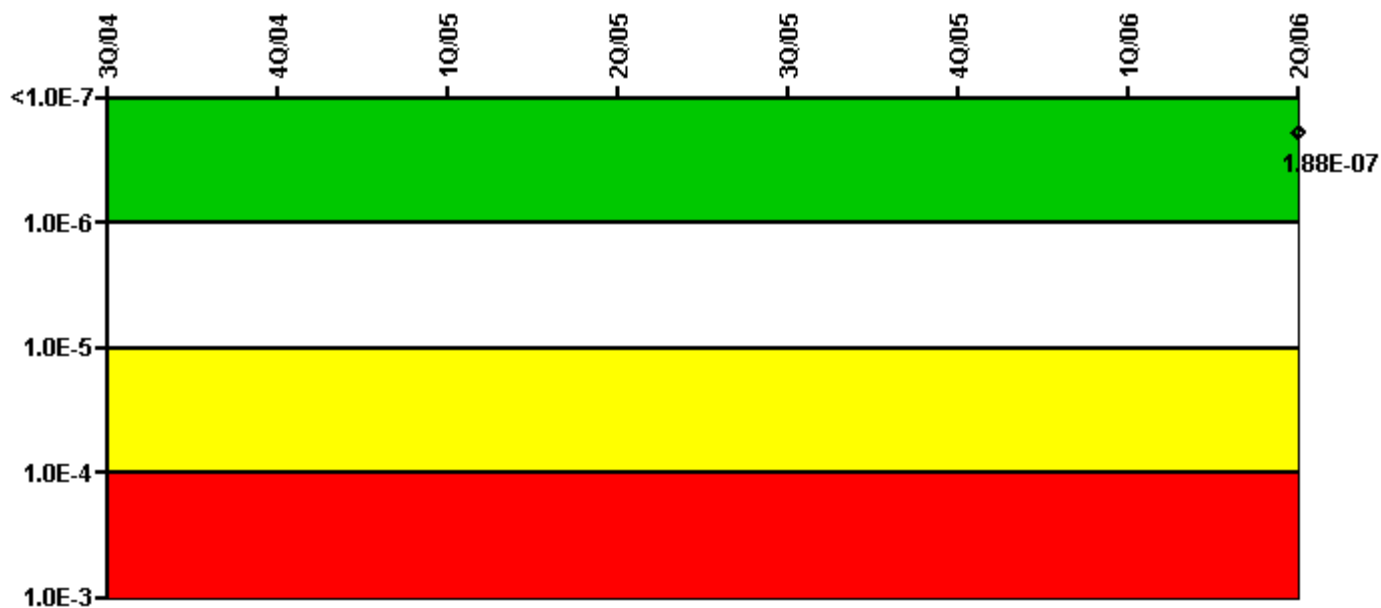
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (ΔCDF)								-1.20E-09
URI (ΔCDF)								-8.90E-09
PLE								NO
Indicator value								-1.01E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



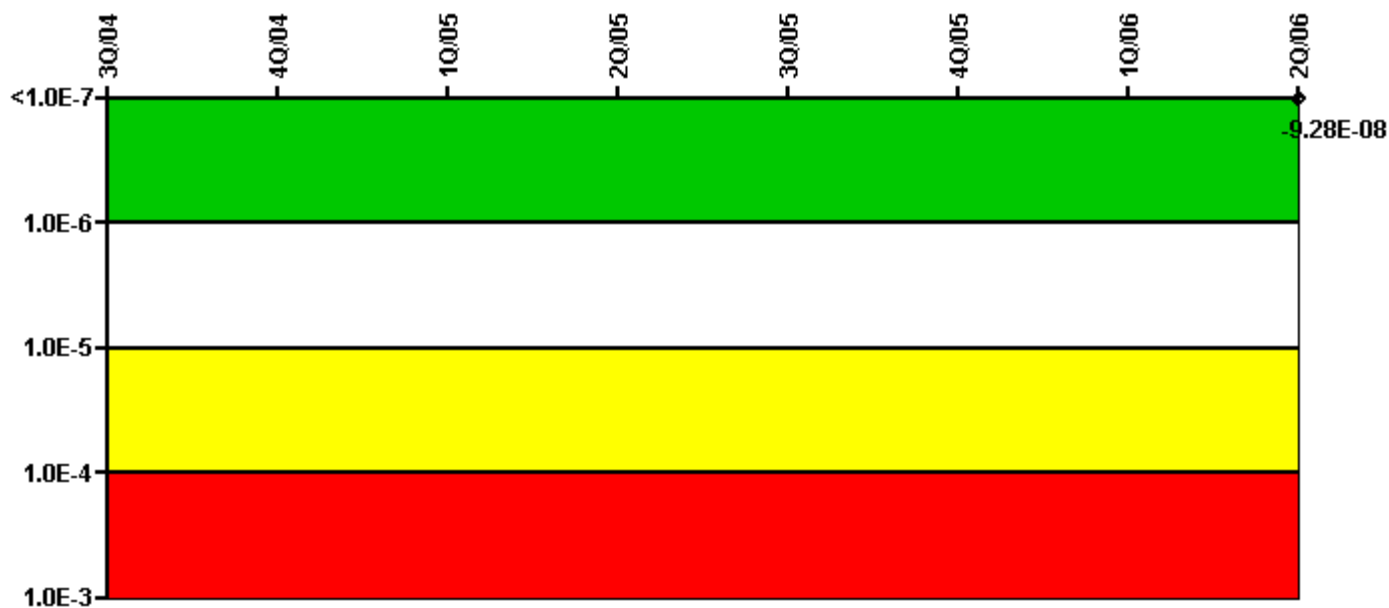
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (ΔCDF)								3.80E-08
URI (ΔCDF)								1.50E-07
PLE								NO
Indicator value								1.88E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



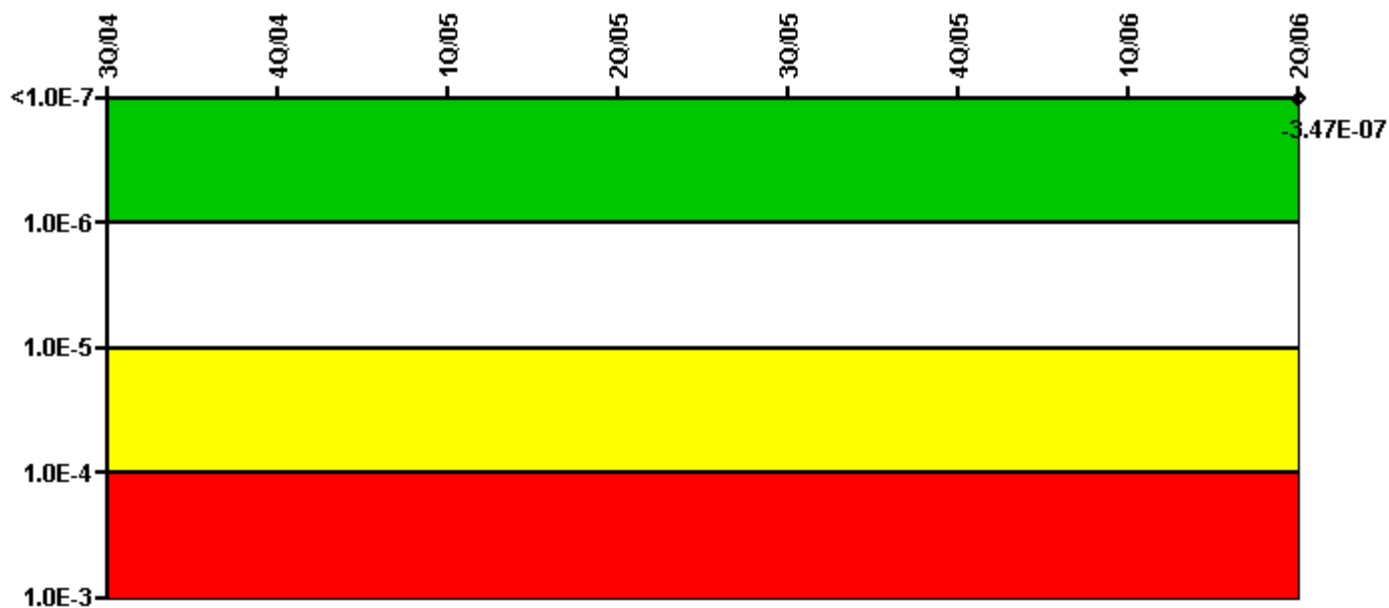
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (ΔCDF)								3.20E-09
URI (ΔCDF)								-9.60E-08
PLE								NO
Indicator value								-9.28E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



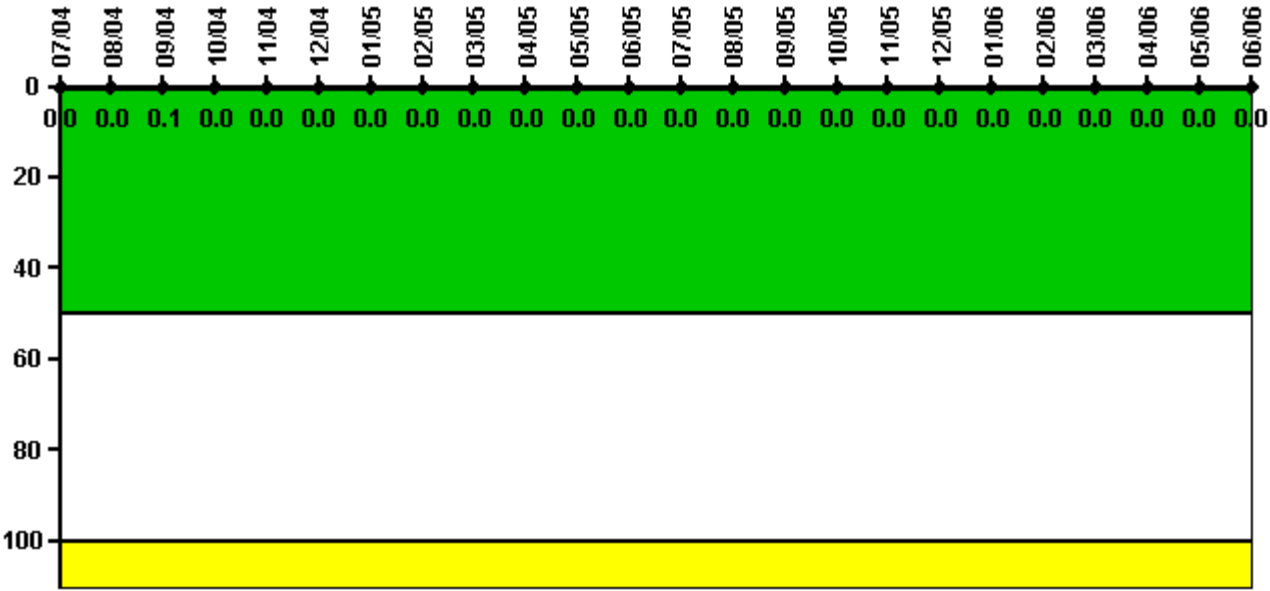
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (ΔCDF)								2.60E-09
URI (ΔCDF)								-3.50E-07
PLE								NO
Indicator value								-3.47E-07

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

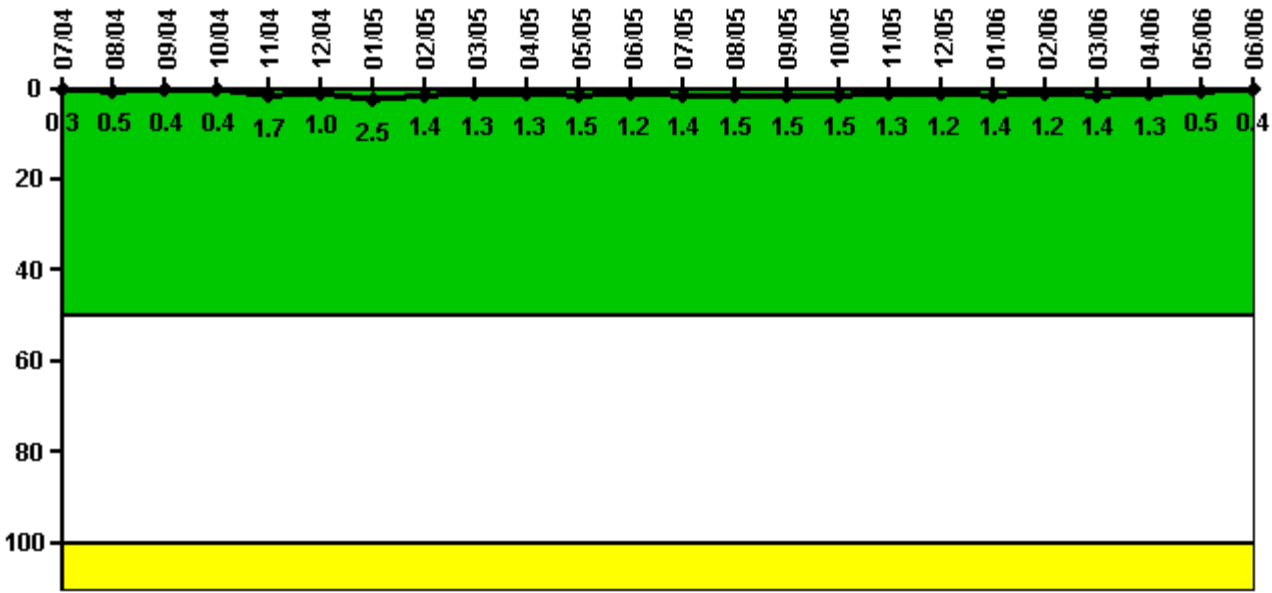
Notes

Reactor Coolant System Activity	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05
Maximum activity	0.000125	0.000128	0.000528	0.000148	0.000059	0.000062	0.000065	0.000125	0.000133	0.000070	0.000075	0.000076
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0.1	0	0	0	0	0	0	0	0	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	0.000097	0.000079	0.000084	0.000084	0.000090	0.000092	0.000098	0.000318	0.000208	0.000106	0.000030	0.000128
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



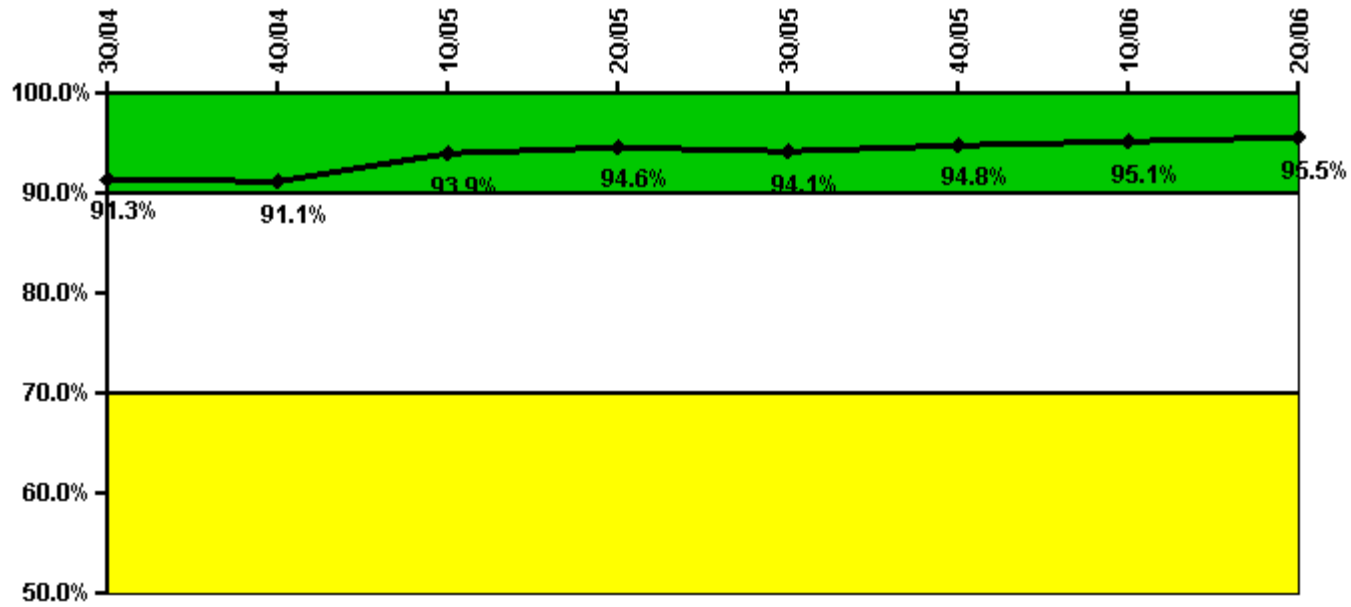
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05
Maximum leakage	0.030	0.050	0.040	0.040	0.170	0.100	0.250	0.140	0.130	0.130	0.150	0.120
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.5	0.4	0.4	1.7	1.0	2.5	1.4	1.3	1.3	1.5	1.2
Reactor Coolant System Leakage	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06
Maximum leakage	0.140	0.150	0.150	0.150	0.130	0.120	0.140	0.120	0.140	0.130	0.050	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.4	1.5	1.5	1.5	1.3	1.2	1.4	1.2	1.4	1.3	0.5	0.4

Licensee Comments: none

Drill/Exercise Performance



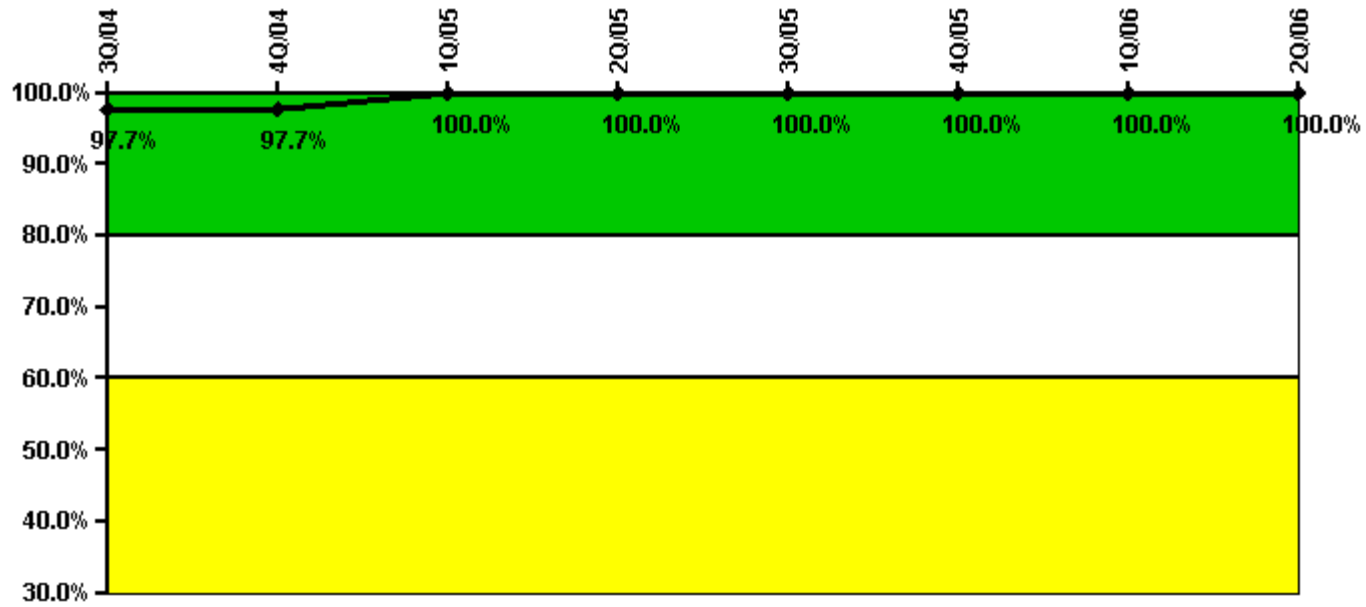
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Successful opportunities	21.0	0	47.0	29.0	34.0	34.0	10.0	15.0
Total opportunities	23.0	0	49.0	30.0	36.0	35.0	10.0	16.0
Indicator value	91.3%	91.1%	93.9%	94.6%	94.1%	94.8%	95.1%	95.5%

Licensee Comments: none

ERO Drill Participation



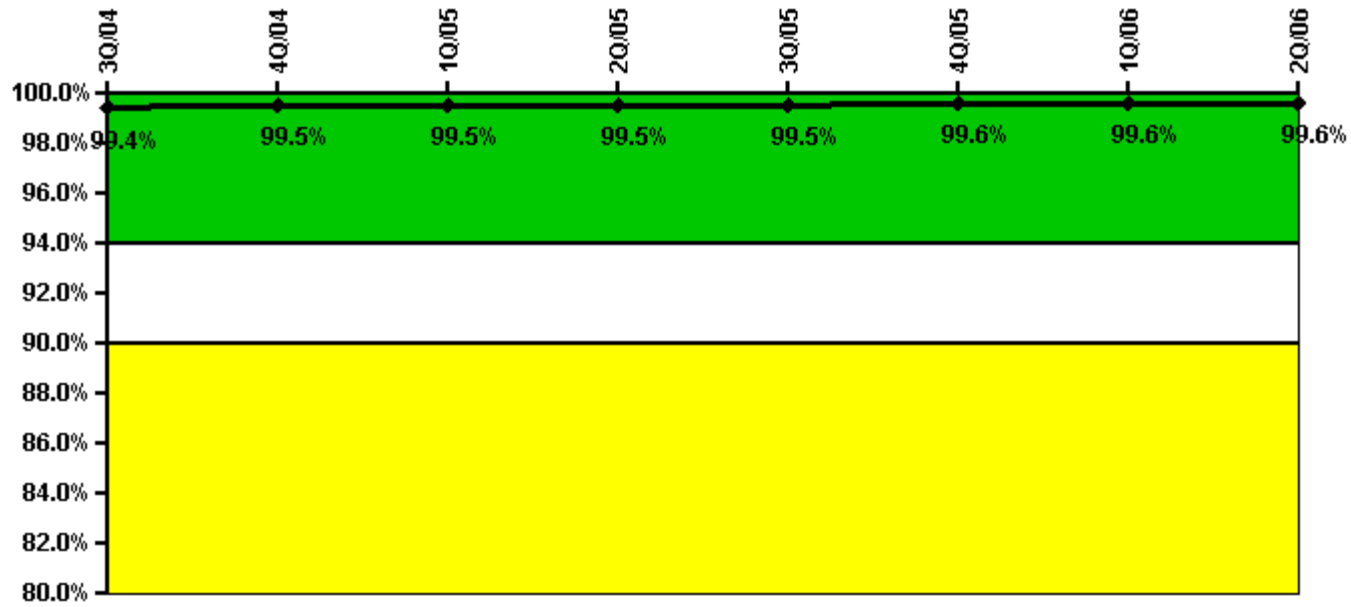
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Participating Key personnel	42.0	42.0	55.0	52.0	51.0	49.0	46.0	44.0
Total Key personnel	43.0	43.0	55.0	52.0	51.0	49.0	46.0	44.0
Indicator value	97.7%	97.7%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



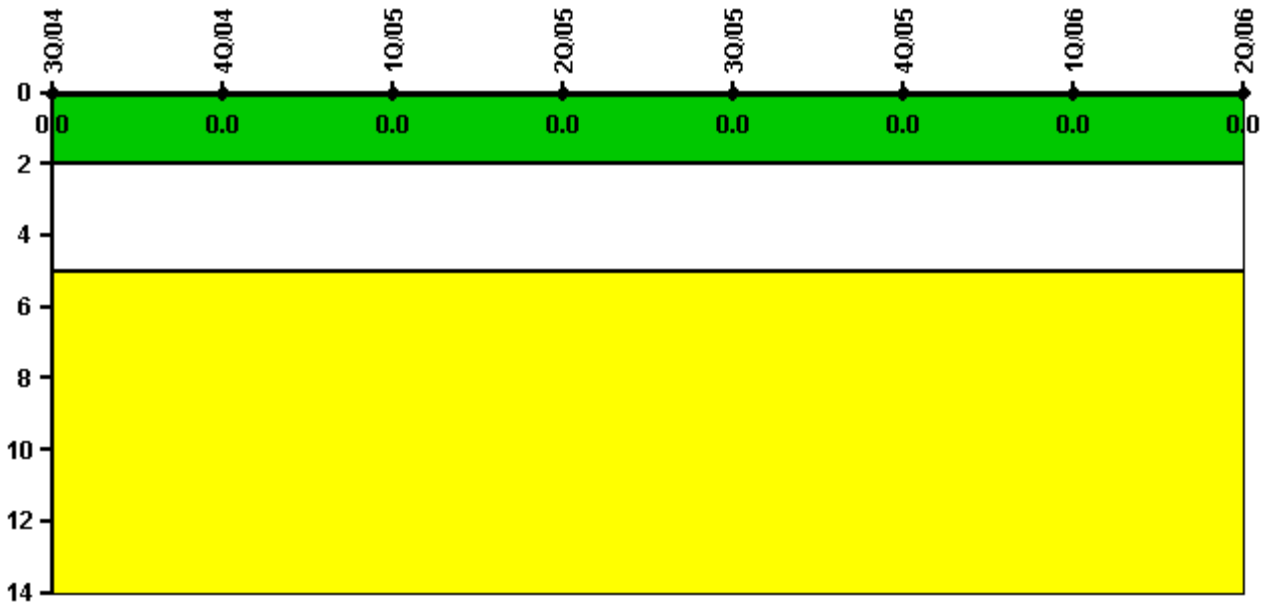
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Successful siren-tests	642	646	565	647	642	647	566	646
Total sirens-tests	648	649	567	648	648	648	567	648
Indicator value	99.4%	99.5%	99.5%	99.5%	99.5%	99.6%	99.6%	99.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness



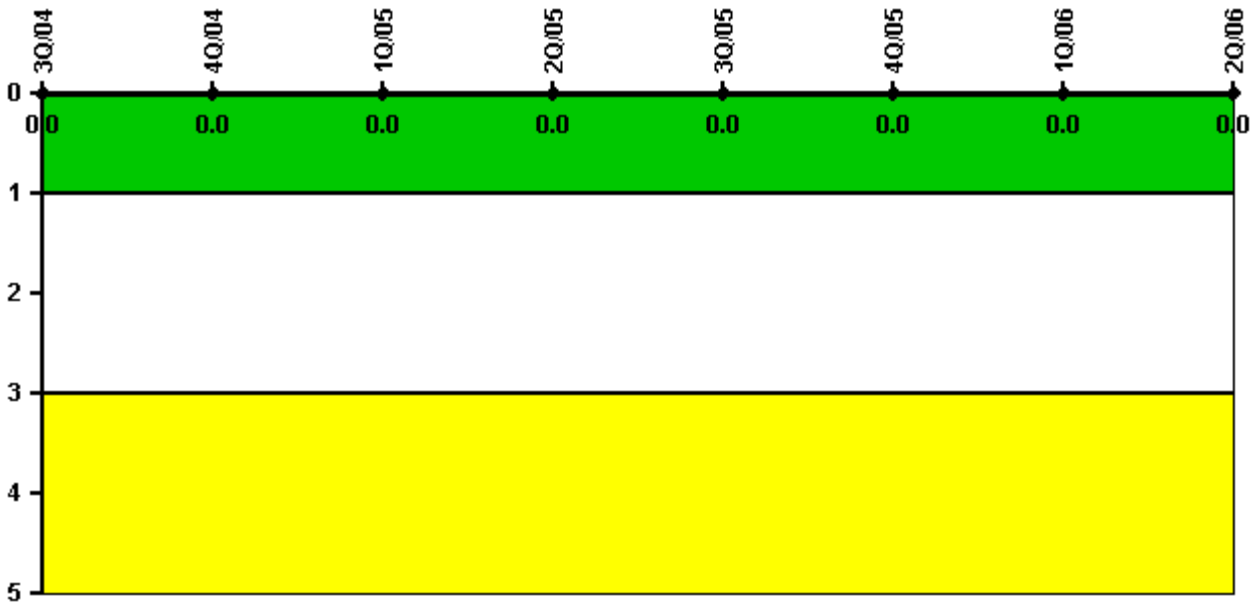
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/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	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/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

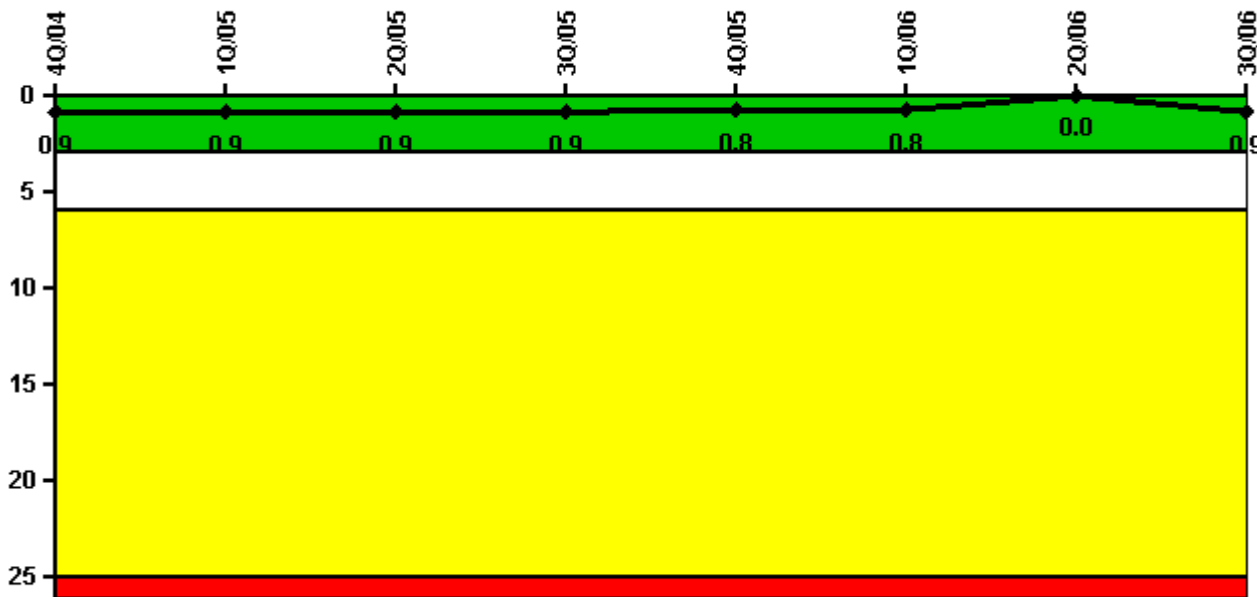
[Physical Protection](#) information not publicly available.

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3Q/2006 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



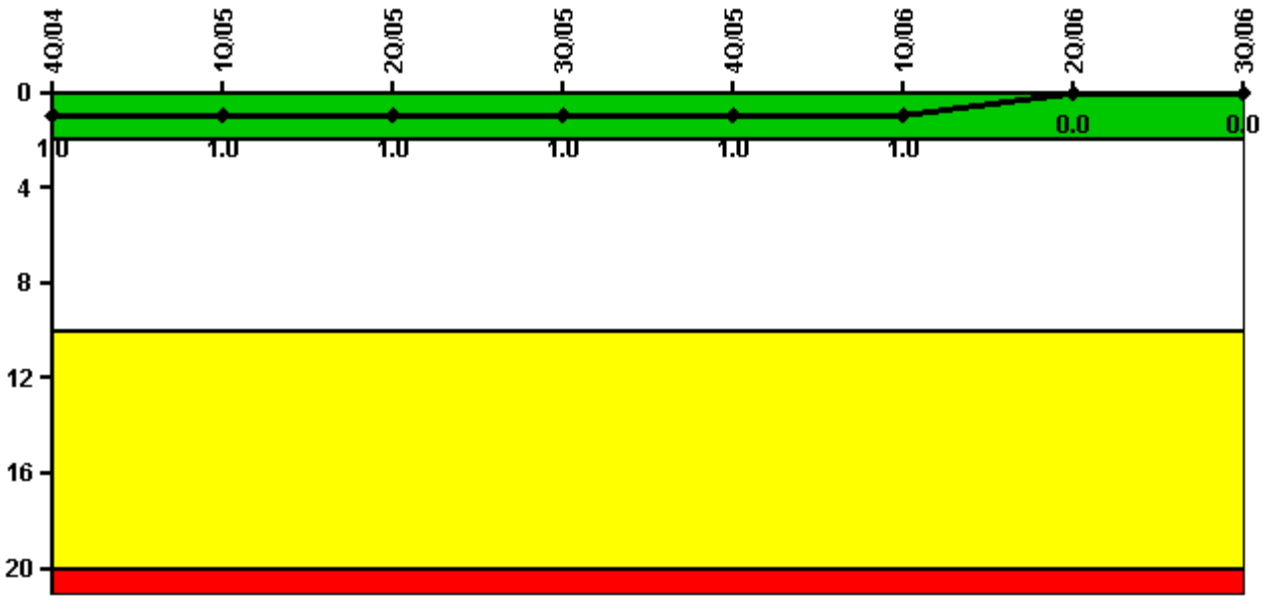
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Unplanned scrams	0	0	1.0	0	0	0	0	1.0
Critical hours	1476.2	2160.0	2139.6	2208.0	2209.0	2160.0	1273.3	2151.4
Indicator value	0.9	0.9	0.9	0.9	0.8	0.8	0	0.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



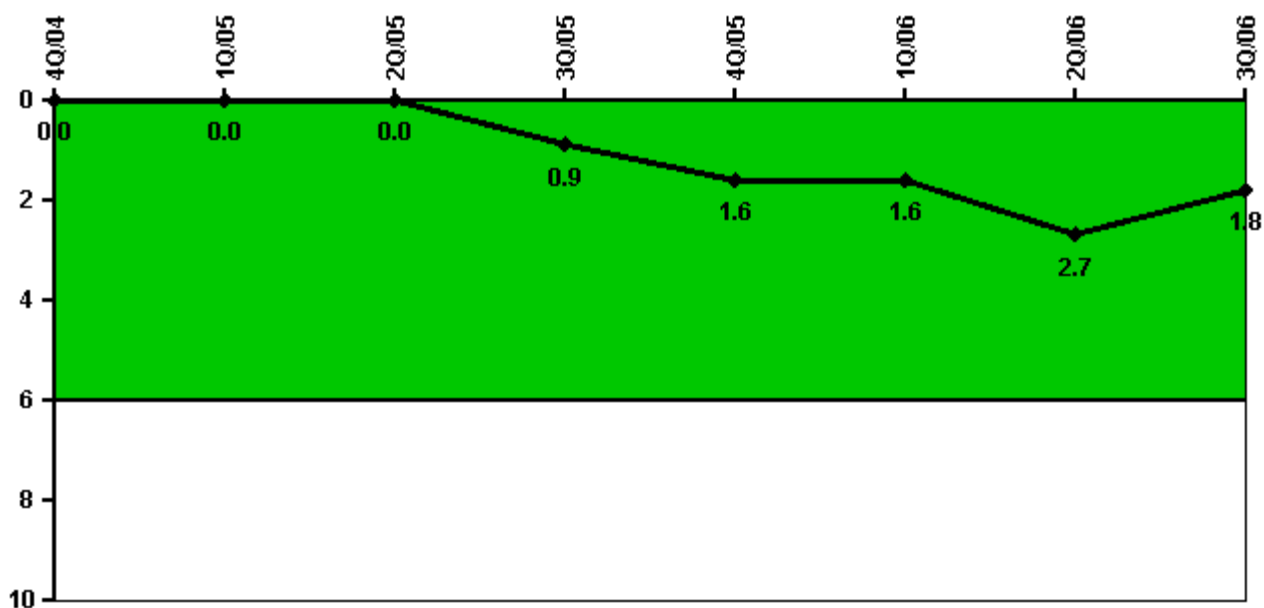
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



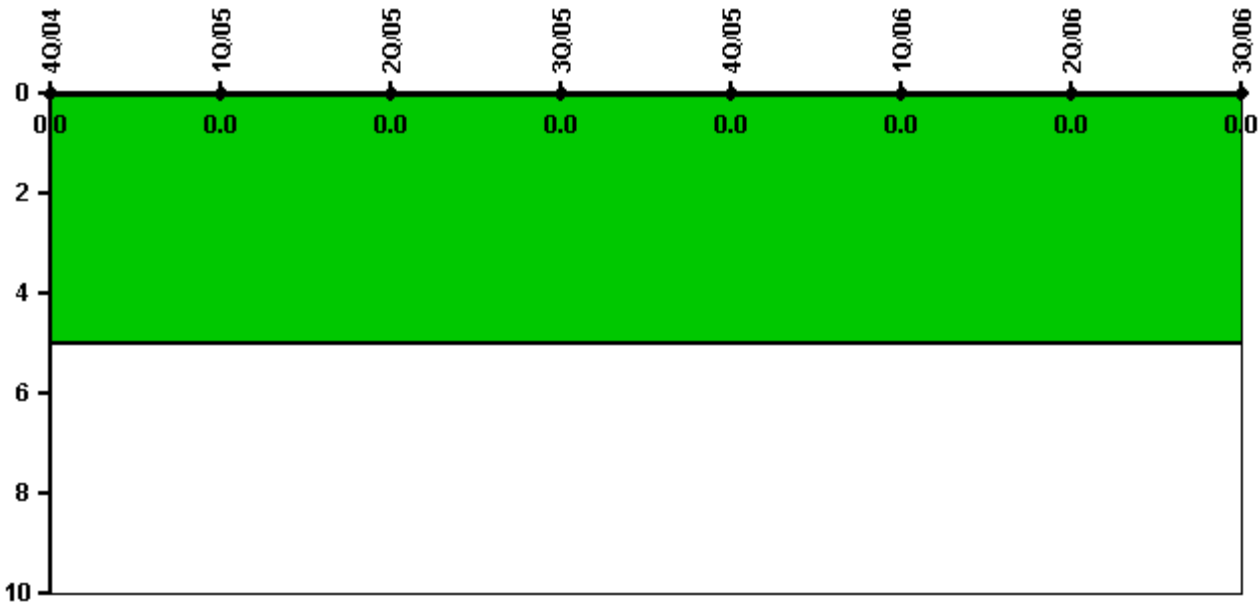
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Unplanned power changes	0	0	0	1.0	1.0	0	1.0	0
Critical hours	1476.2	2160.0	2139.6	2208.0	2209.0	2160.0	1273.3	2151.4
Indicator value	0	0	0	0.9	1.6	1.6	2.7	1.8

Licensee Comments: none

Safety System Functional Failures (PWR)



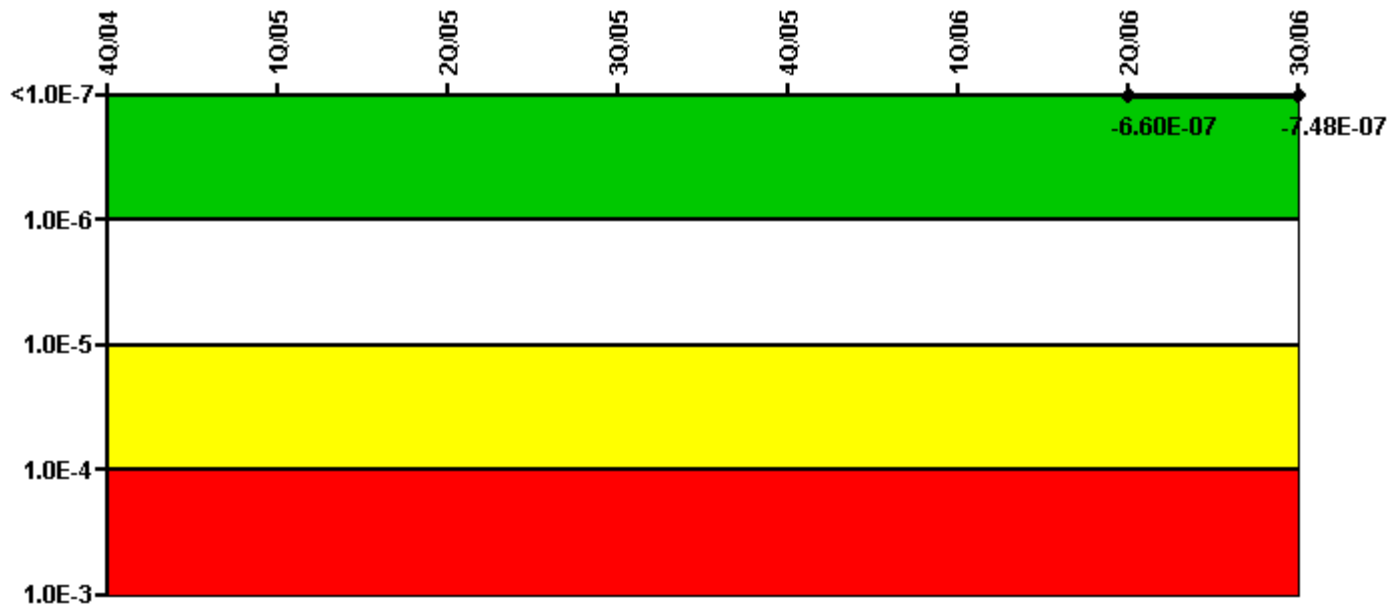
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



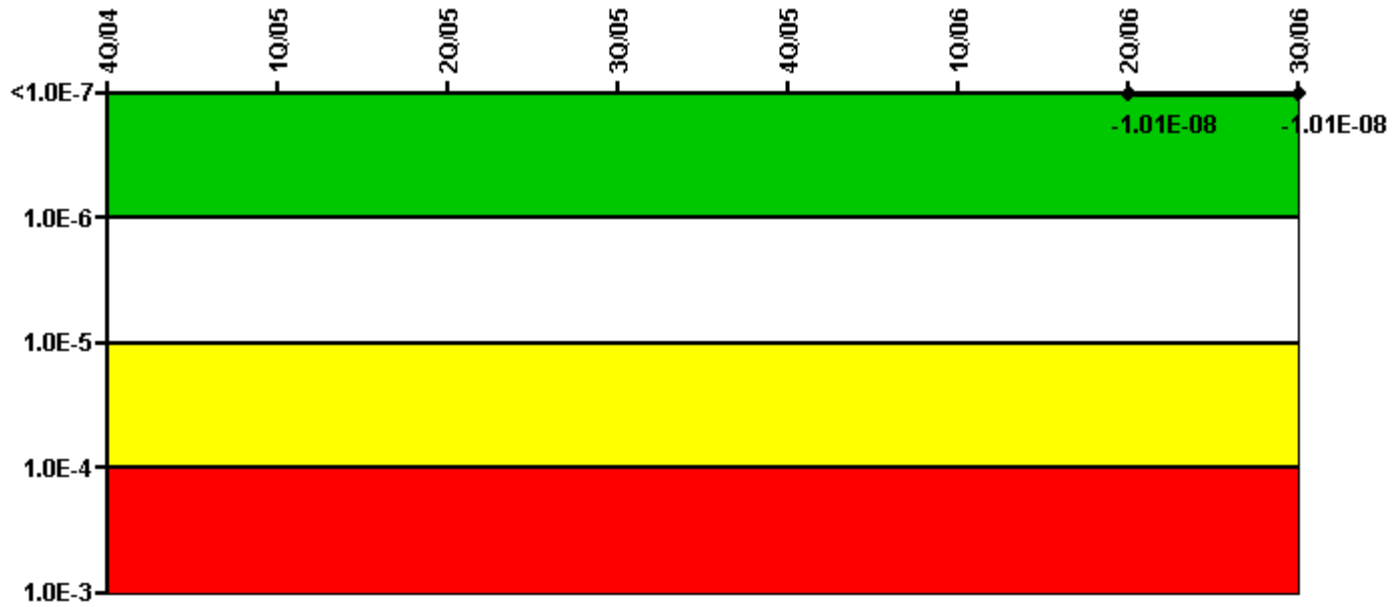
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (Δ CDF)							1.50E-07	6.20E-08
URI (Δ CDF)							-8.10E-07	-8.10E-07
PLE							NO	NO
Indicator value							-6.60E-07	-7.48E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



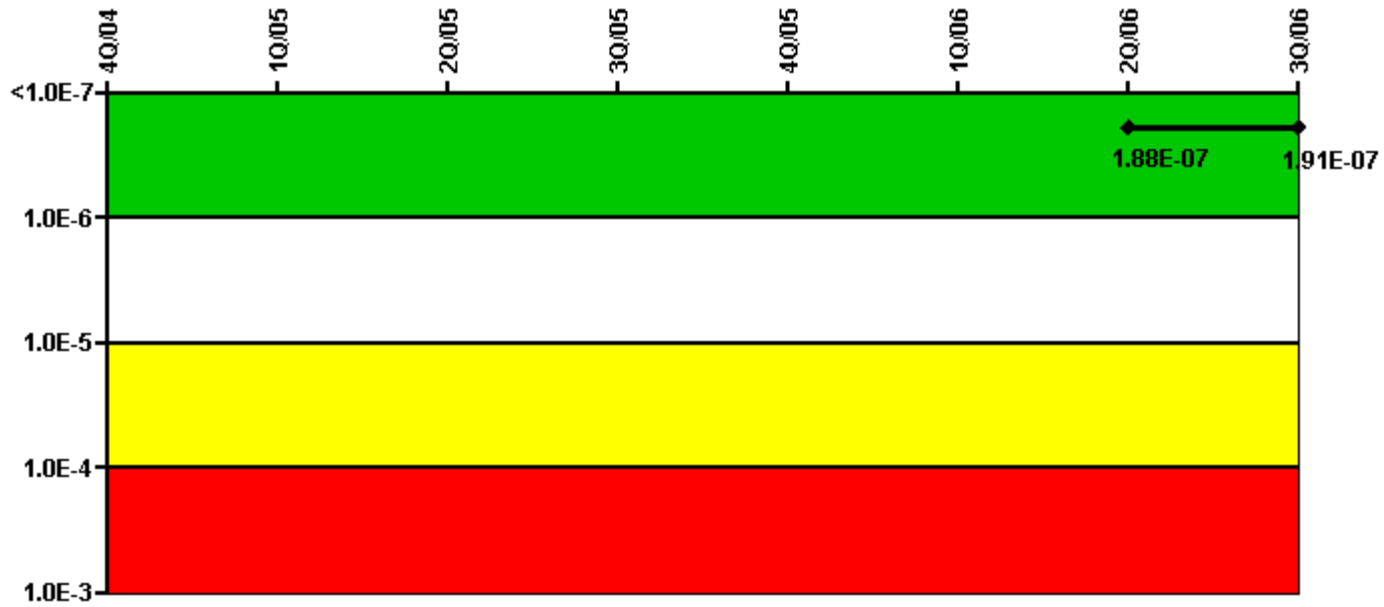
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (Δ CDF)							-1.20E-09	-1.20E-09
URI (Δ CDF)							-8.90E-09	-8.90E-09
PLE							NO	NO
Indicator value							-1.01E-08	-1.01E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



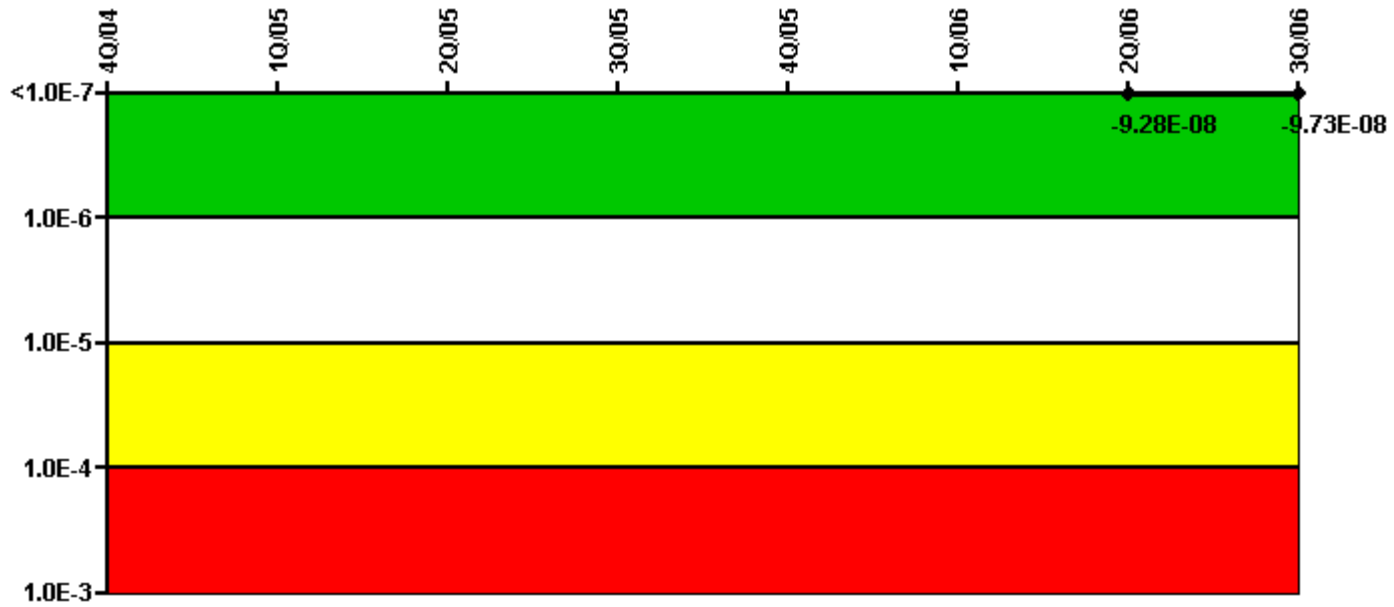
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (ΔCDF)							3.80E-08	4.10E-08
URI (ΔCDF)							1.50E-07	1.50E-07
PLE							NO	NO
Indicator value							1.88E-07	1.91E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



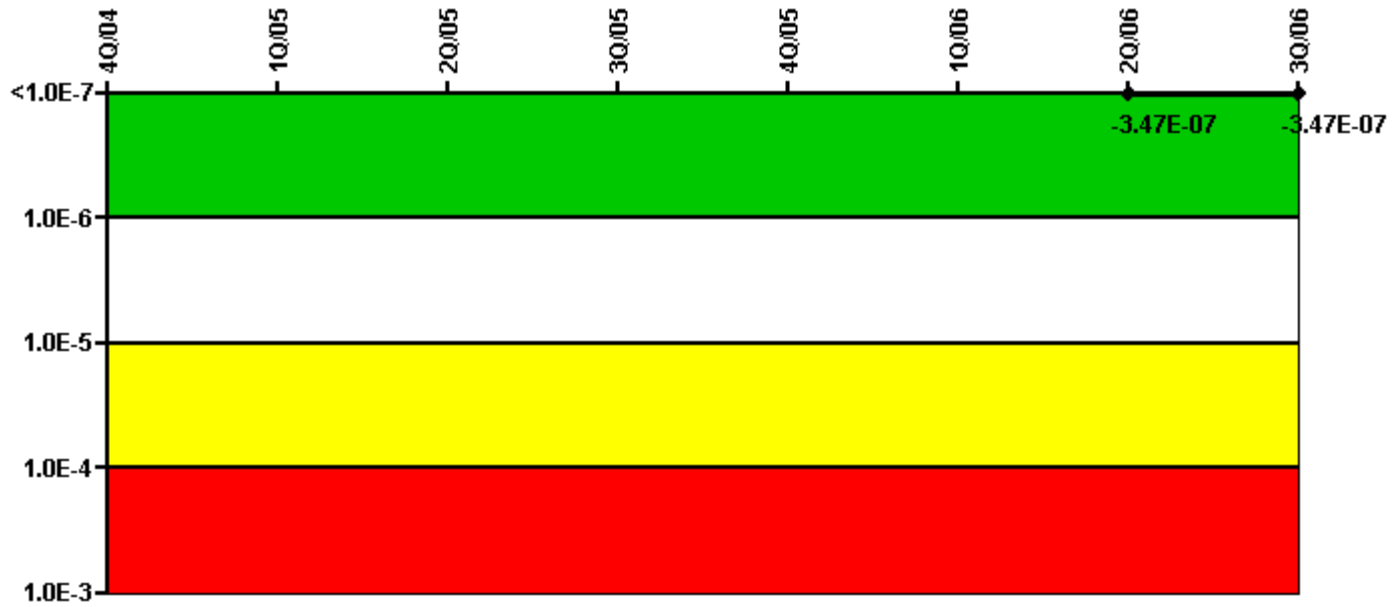
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (Δ CDF)							3.20E-09	-1.30E-09
URI (Δ CDF)							-9.60E-08	-9.60E-08
PLE							NO	NO
Indicator value							-9.28E-08	-9.73E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



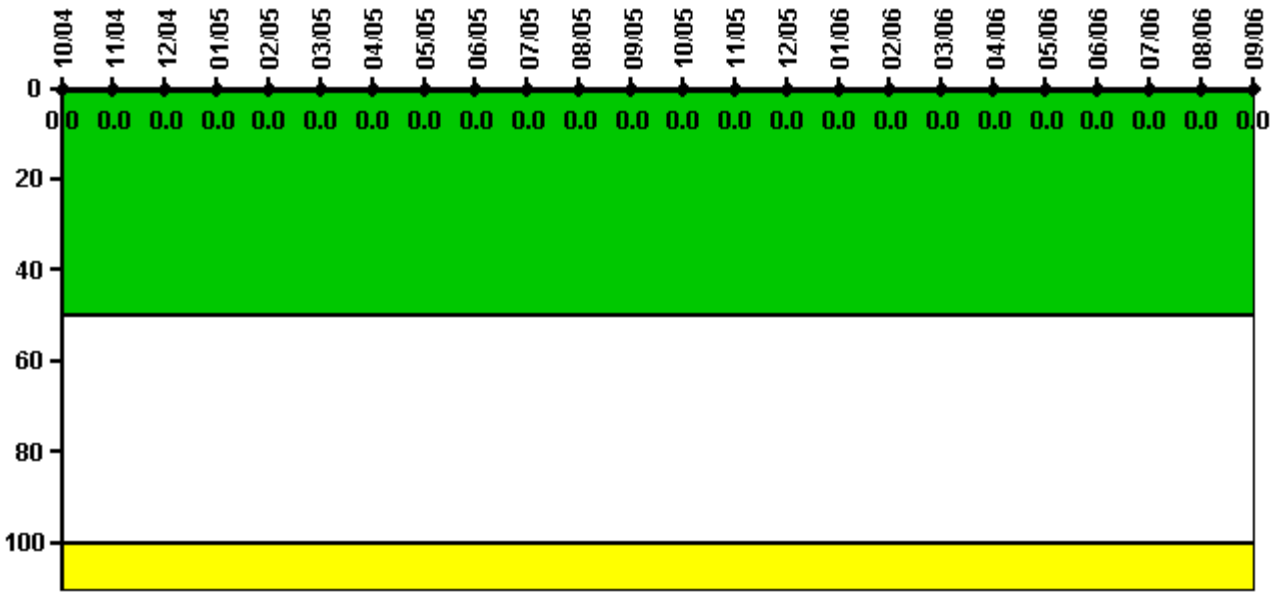
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (ΔCDF)							2.60E-09	3.30E-09
URI (ΔCDF)							-3.50E-07	-3.50E-07
PLE							NO	NO
Indicator value							-3.47E-07	-3.47E-07

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

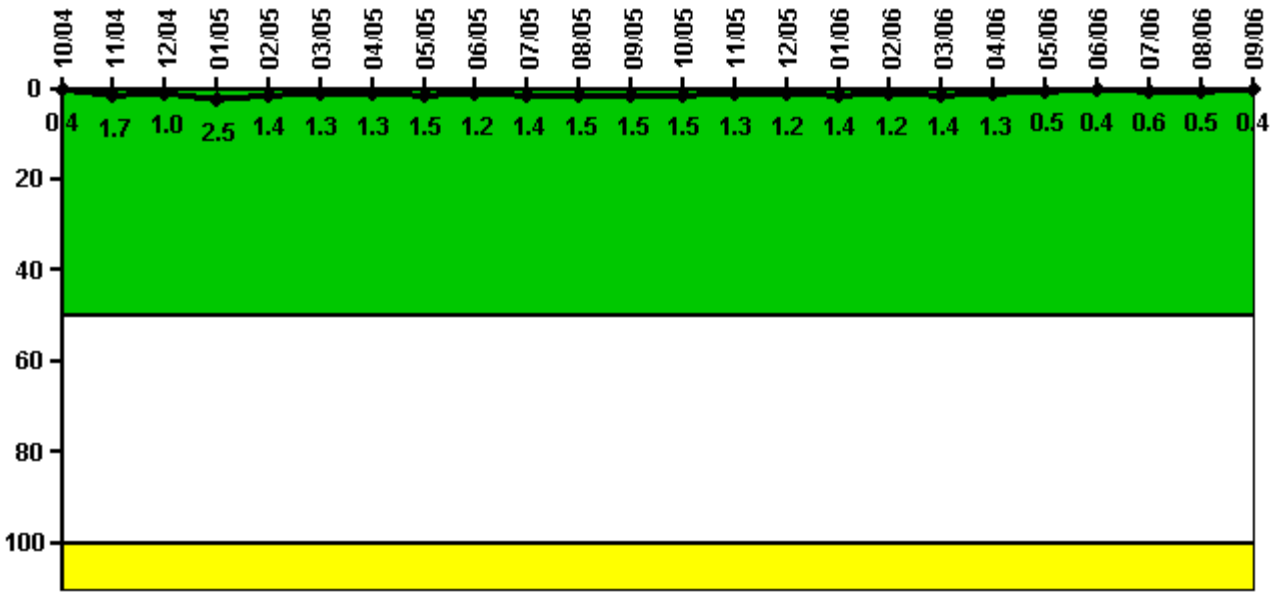
Notes

Reactor Coolant System Activity	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05
Maximum activity	0.000148	0.000059	0.000062	0.000065	0.000125	0.000133	0.000070	0.000075	0.000076	0.000097	0.000079	0.000084
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06
Maximum activity	0.000084	0.000090	0.000092	0.000098	0.000318	0.000208	0.000106	0.000030	0.000128	0.000051	0.000049	0.000052
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



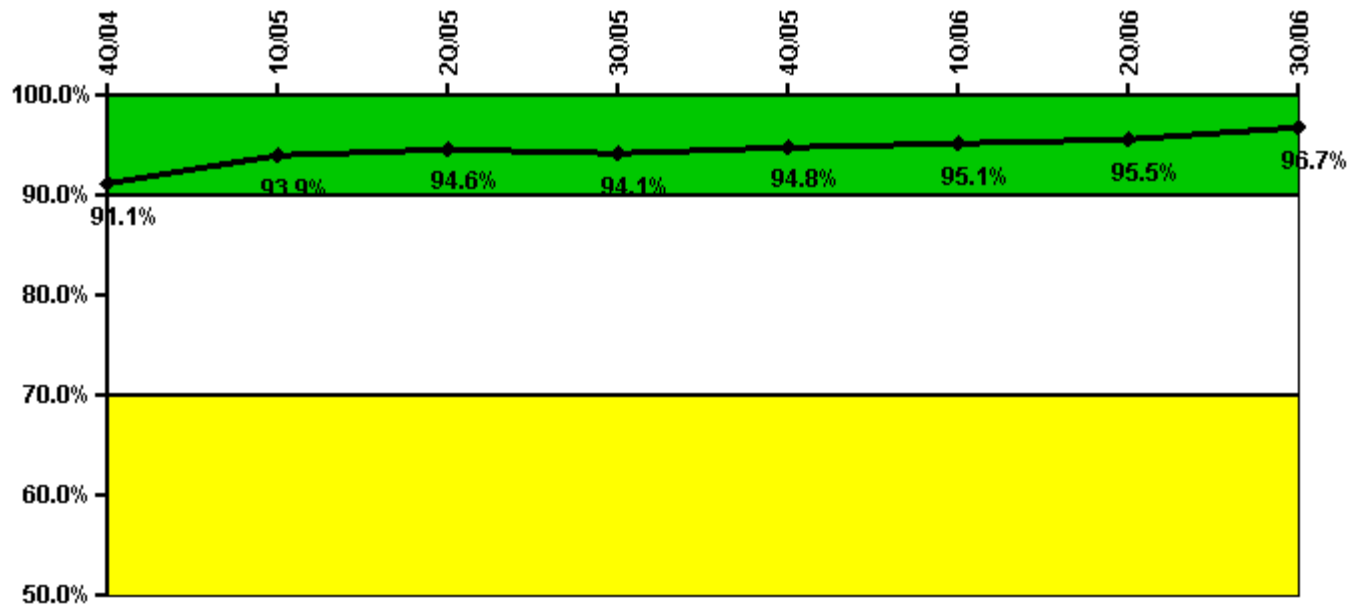
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05
Maximum leakage	0.040	0.170	0.100	0.250	0.140	0.130	0.130	0.150	0.120	0.140	0.150	0.150
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	1.7	1.0	2.5	1.4	1.3	1.3	1.5	1.2	1.4	1.5	1.5
Reactor Coolant System Leakage	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06
Maximum leakage	0.150	0.130	0.120	0.140	0.120	0.140	0.130	0.050	0.040	0.060	0.050	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.5	1.3	1.2	1.4	1.2	1.4	1.3	0.5	0.4	0.6	0.5	0.4

Licensee Comments: none

Drill/Exercise Performance



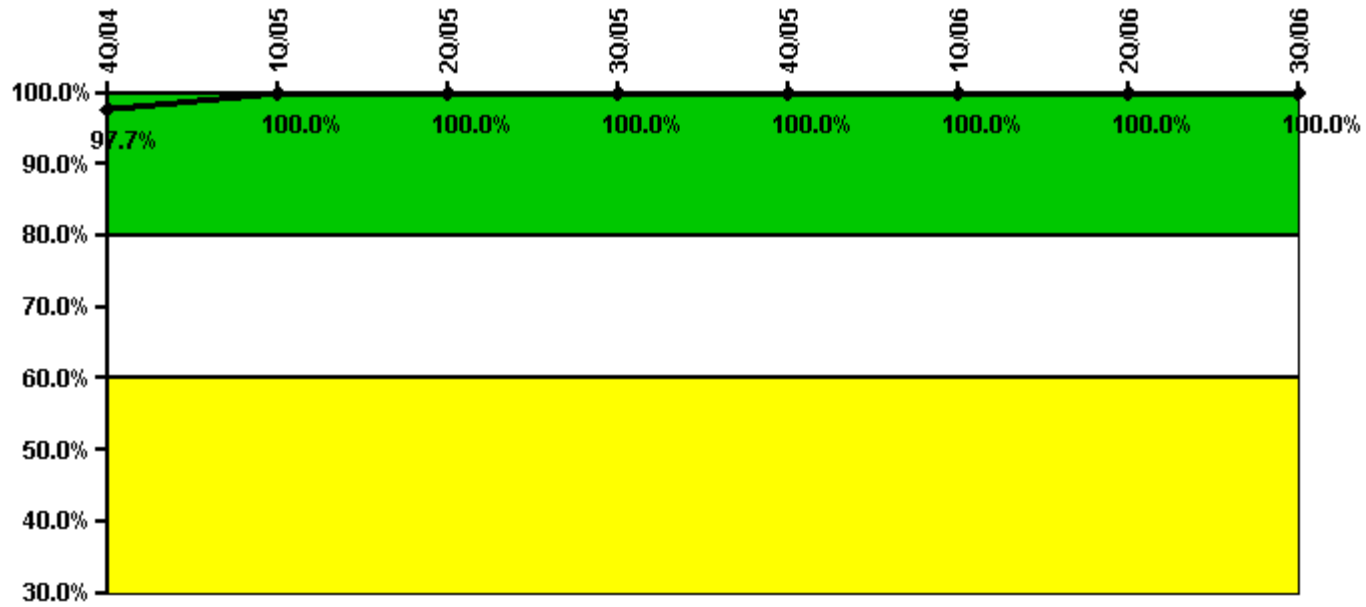
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Successful opportunities	0	47.0	29.0	34.0	34.0	10.0	15.0	62.0
Total opportunities	0	49.0	30.0	36.0	35.0	10.0	16.0	63.0
Indicator value	91.1%	93.9%	94.6%	94.1%	94.8%	95.1%	95.5%	96.7%

Licensee Comments: none

ERO Drill Participation



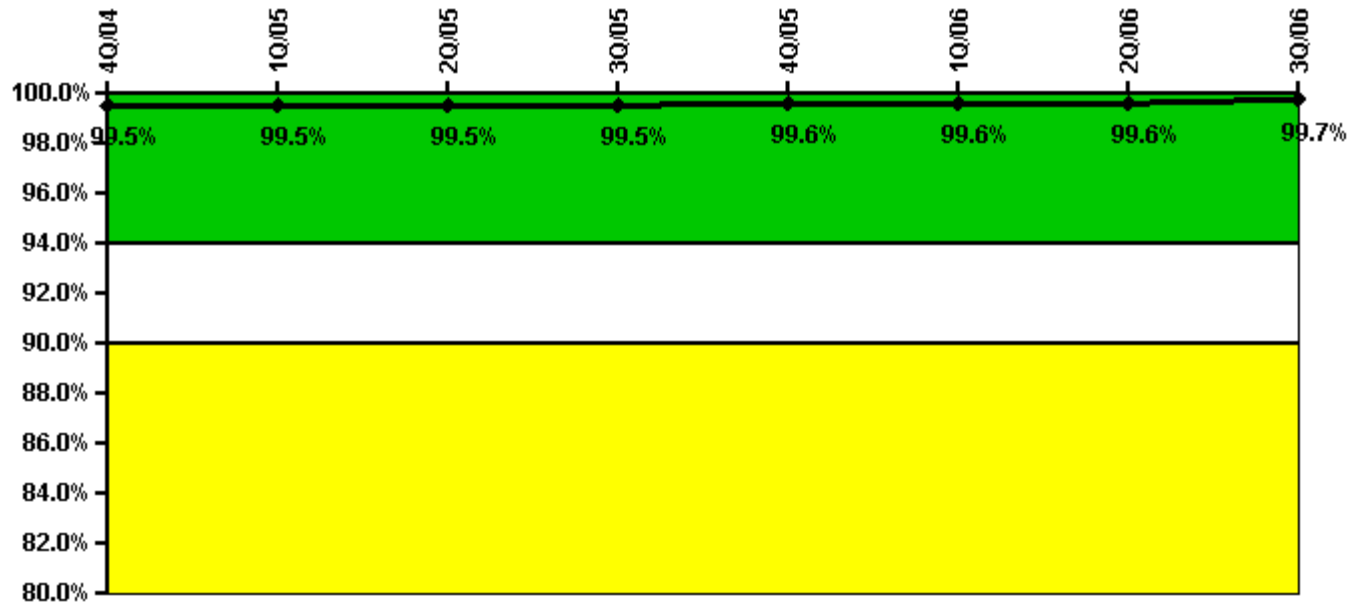
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Participating Key personnel	42.0	55.0	52.0	51.0	49.0	46.0	44.0	46.0
Total Key personnel	43.0	55.0	52.0	51.0	49.0	46.0	44.0	46.0
Indicator value	97.7%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



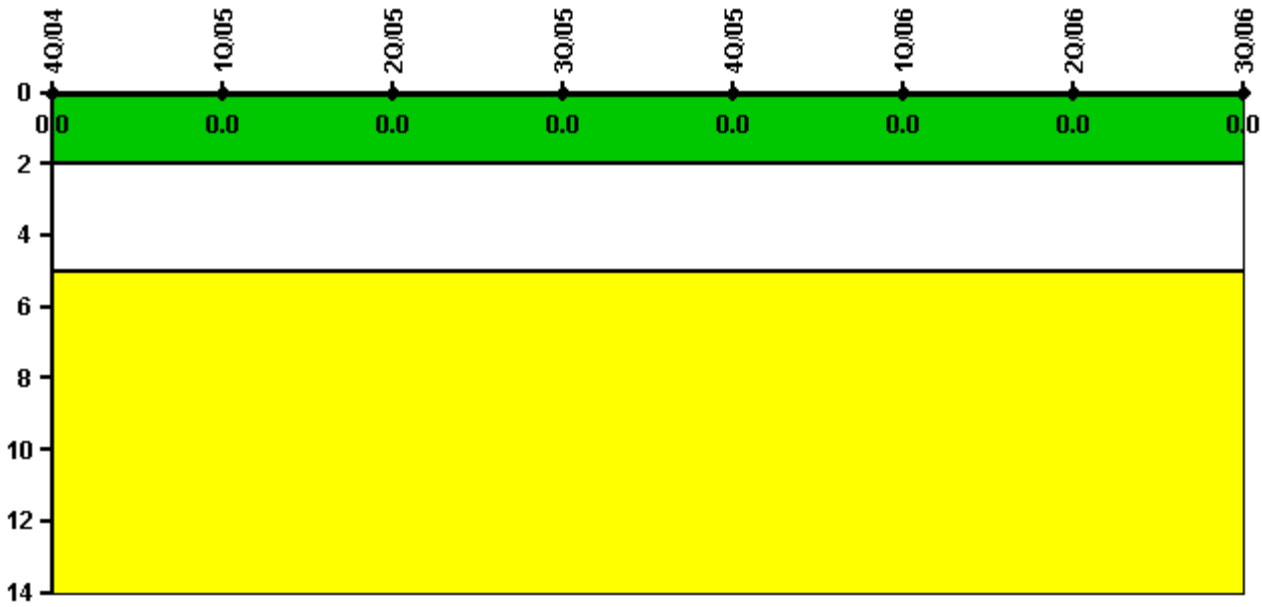
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Successful siren-tests	646	565	647	642	647	566	646	644
Total sirens-tests	649	567	648	648	648	567	648	648
Indicator value	99.5%	99.5%	99.5%	99.5%	99.6%	99.6%	99.6%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



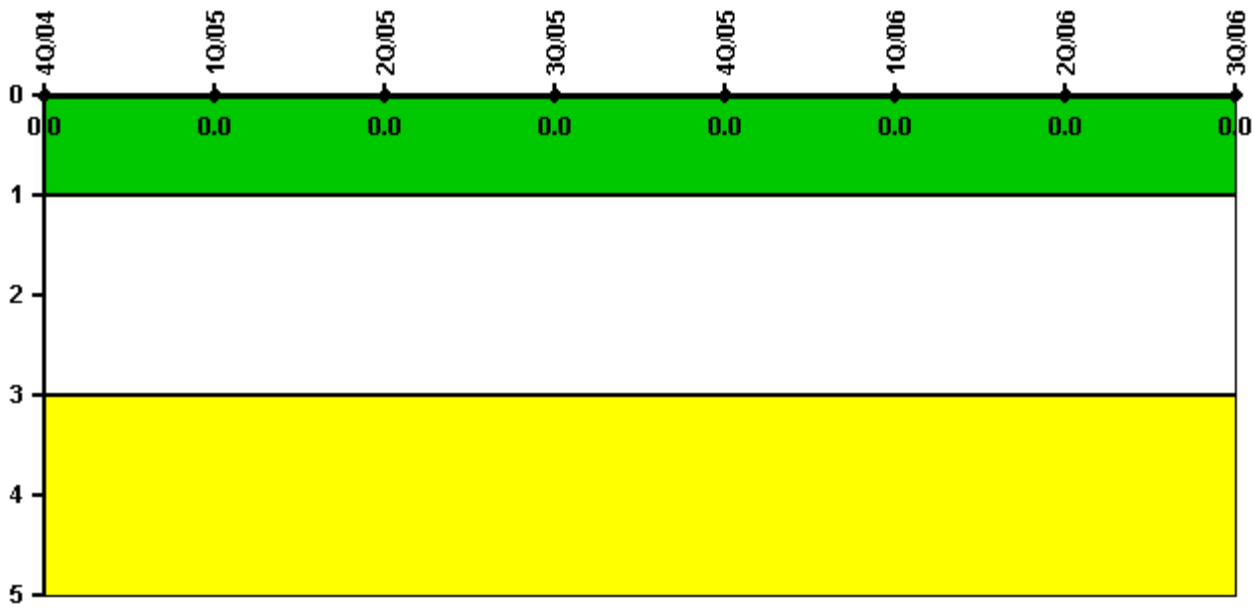
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/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	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/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	0	0	0	0	0	0	0

Licensee Comments: none

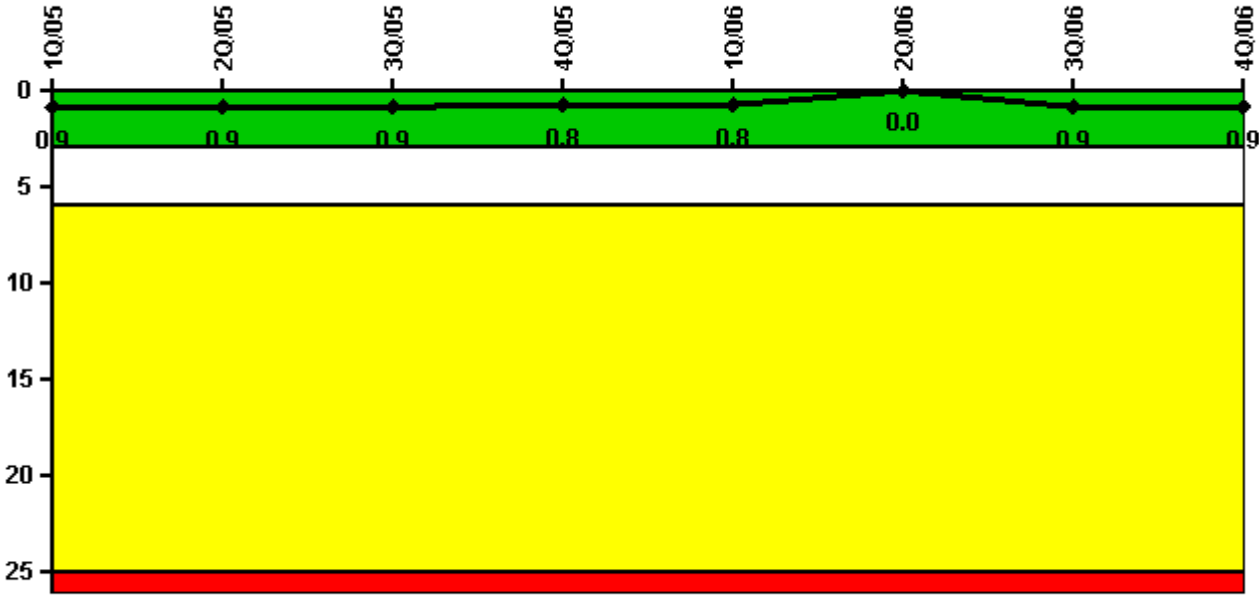
[Physical Protection](#) information not publicly available.

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4Q/2006 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



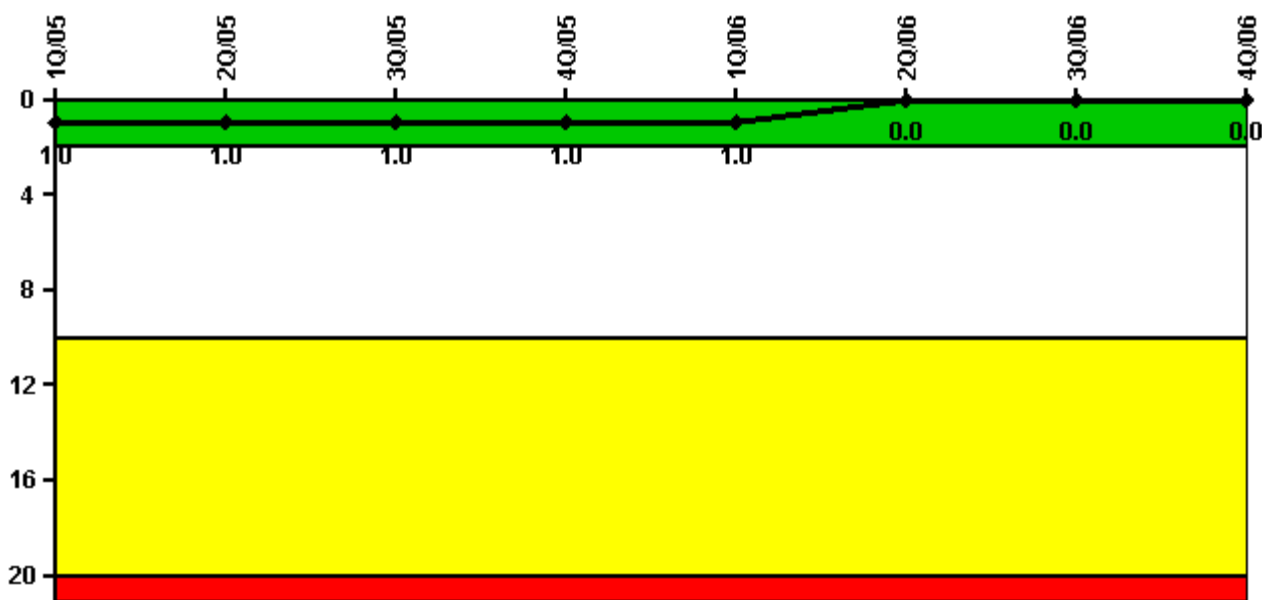
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Unplanned scrams	0	1.0	0	0	0	0	1.0	0
Critical hours	2160.0	2139.6	2208.0	2209.0	2160.0	1273.3	2151.4	2209.0
Indicator value	0.9	0.9	0.9	0.8	0.8	0	0.9	0.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



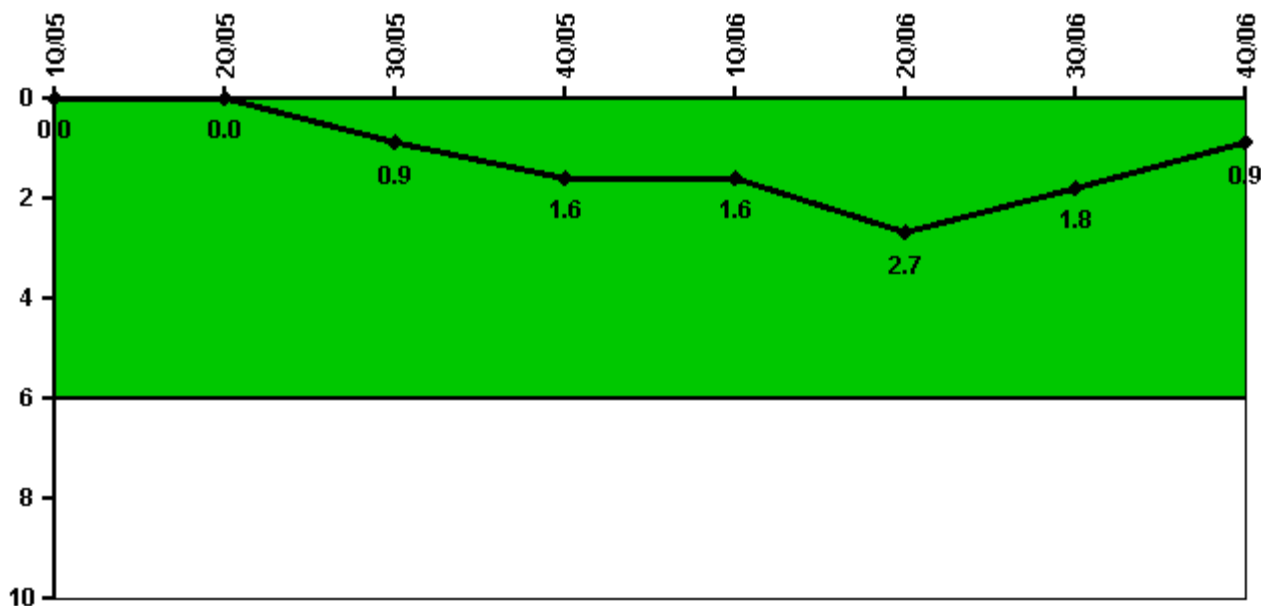
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



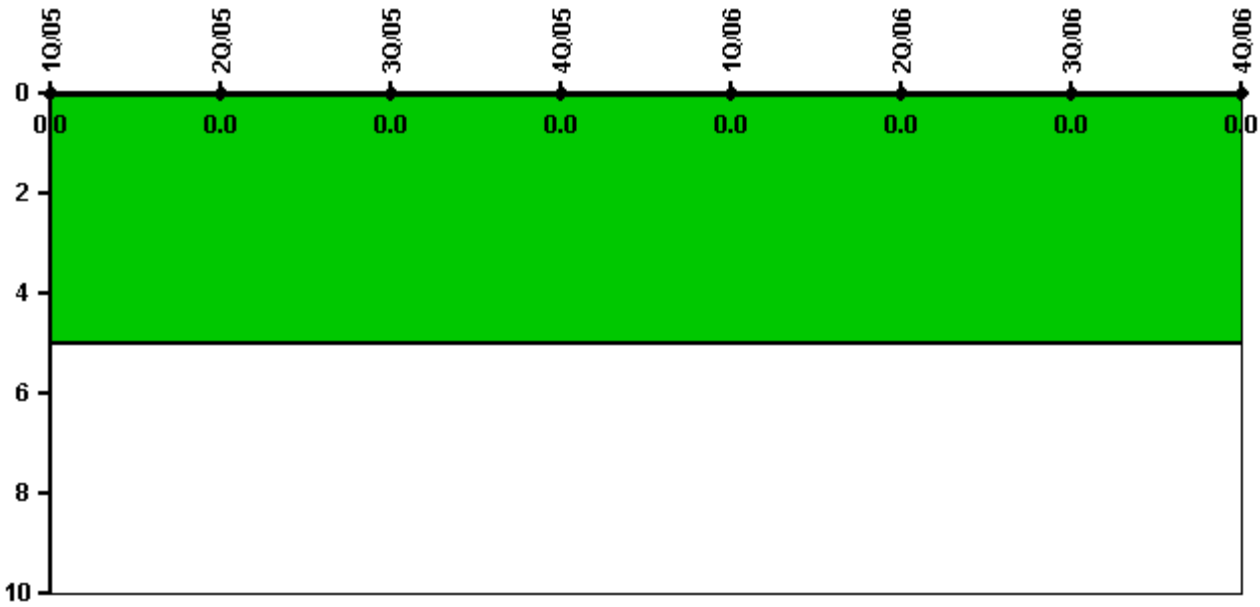
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	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	0	1.0	0	0
Critical hours	2160.0	2139.6	2208.0	2209.0	2160.0	1273.3	2151.4	2209.0
Indicator value	0	0	0.9	1.6	1.6	2.7	1.8	0.9

Licensee Comments: none

Safety System Functional Failures (PWR)



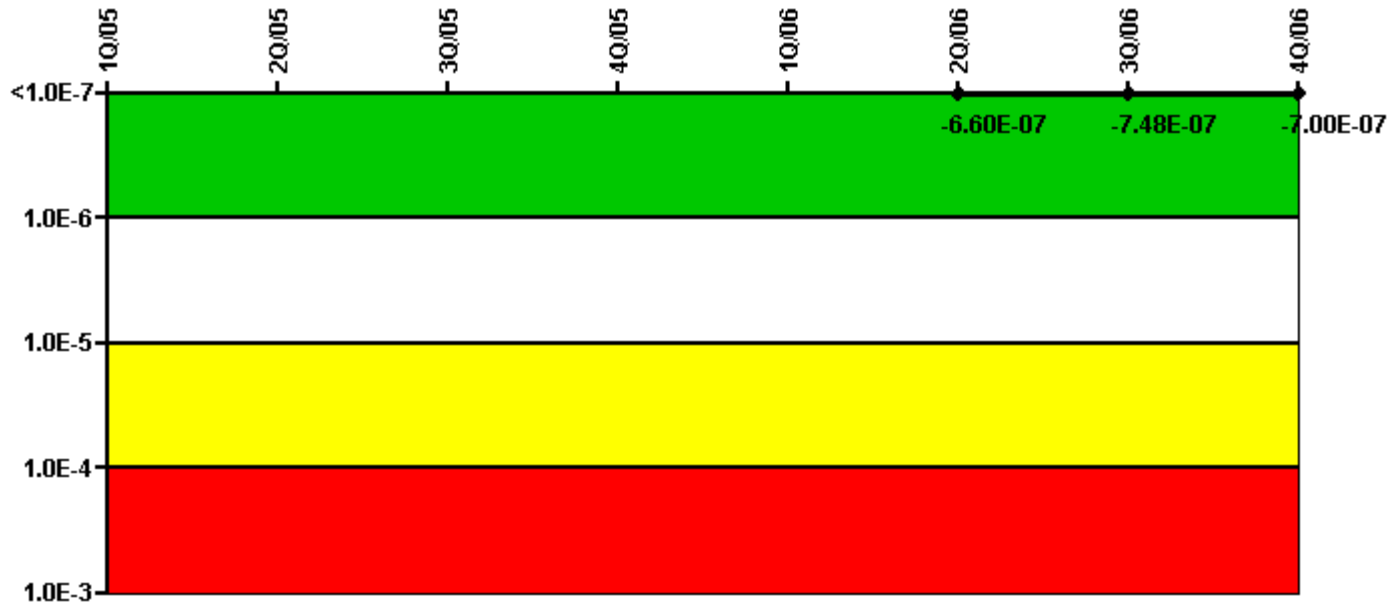
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



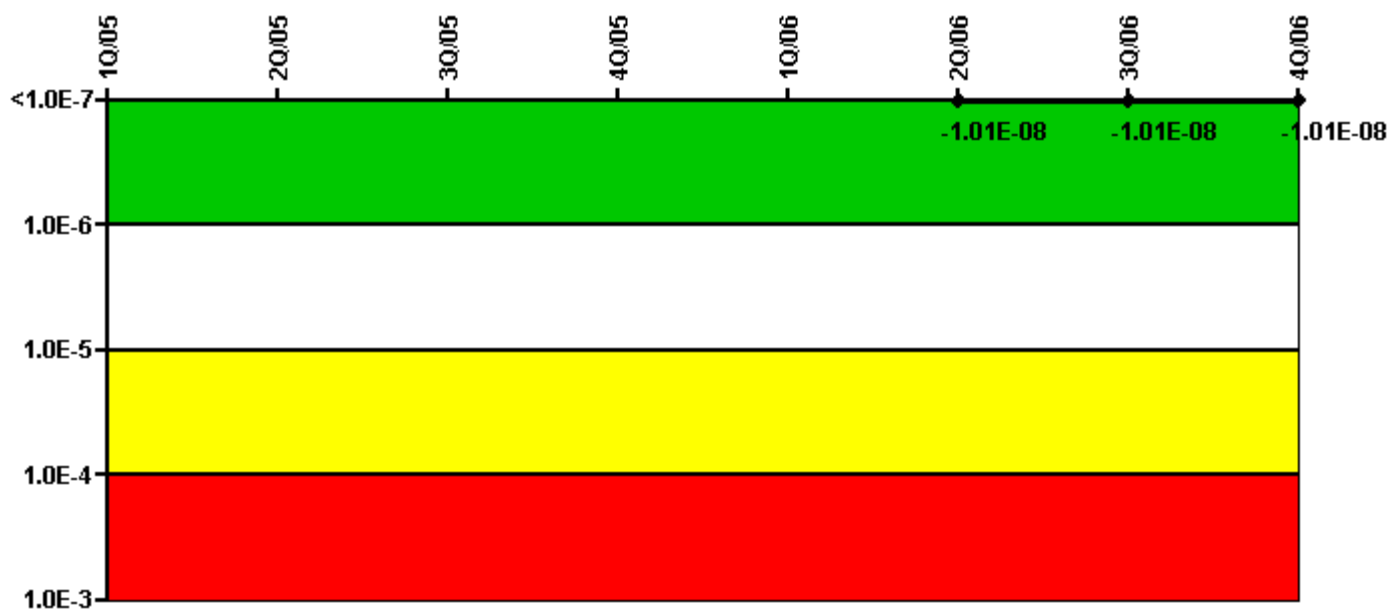
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (Δ CDF)						1.50E-07	6.20E-08	1.10E-07
URI (Δ CDF)						-8.10E-07	-8.10E-07	-8.10E-07
PLE						NO	NO	NO
Indicator value						-6.60E-07	-7.48E-07	-7.00E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



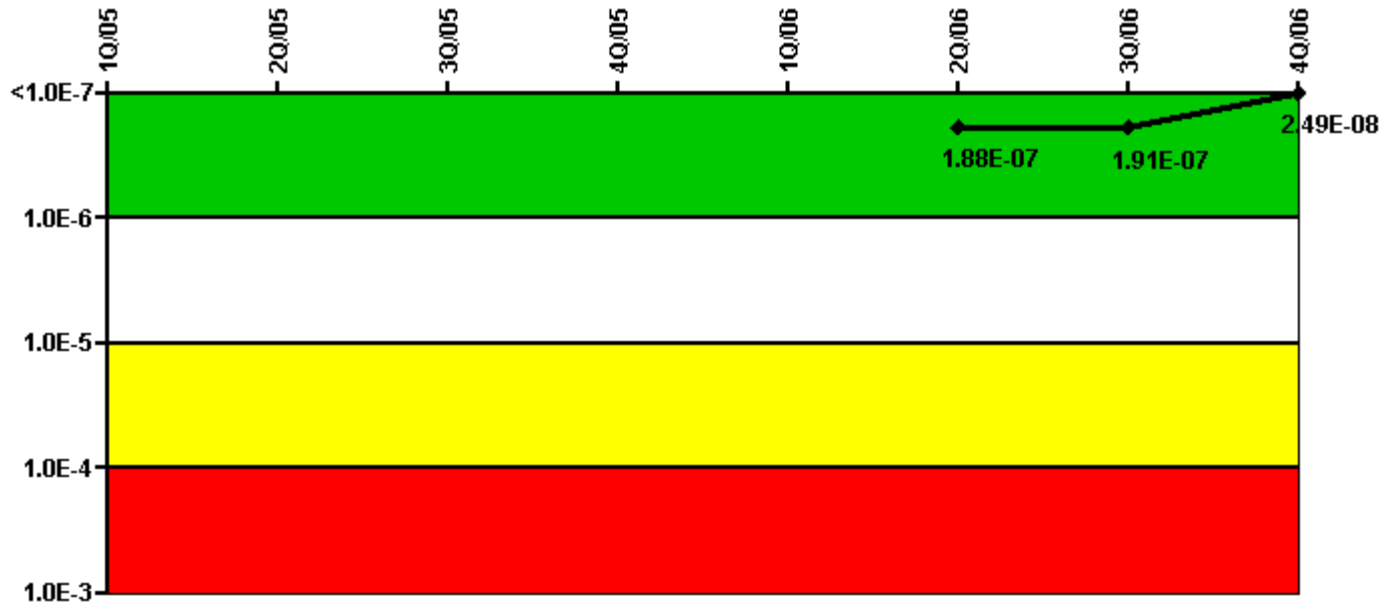
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (Δ CDF)						-1.20E-09	-1.20E-09	-1.20E-09
URI (Δ CDF)						-8.90E-09	-8.90E-09	-8.90E-09
PLE						NO	NO	NO
Indicator value						-1.01E-08	-1.01E-08	-1.01E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



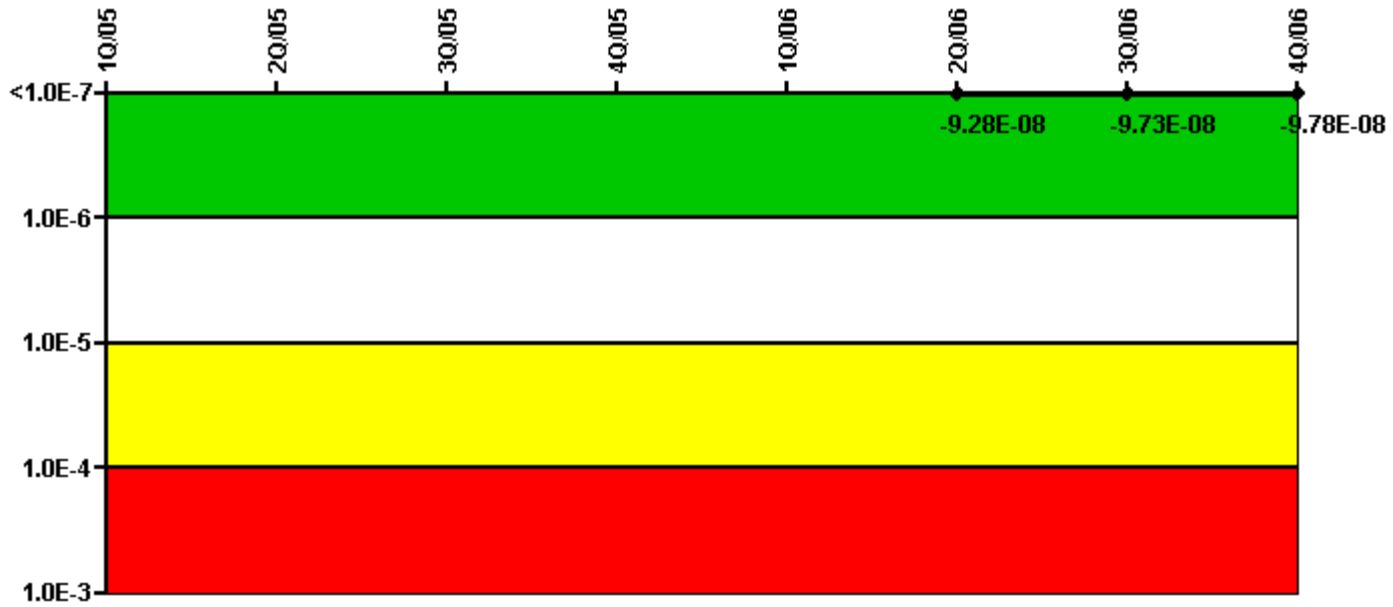
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (ΔCDF)						3.80E-08	4.10E-08	1.90E-08
URI (ΔCDF)						1.50E-07	1.50E-07	5.90E-09
PLE						NO	NO	NO
Indicator value						1.88E-07	1.91E-07	2.49E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



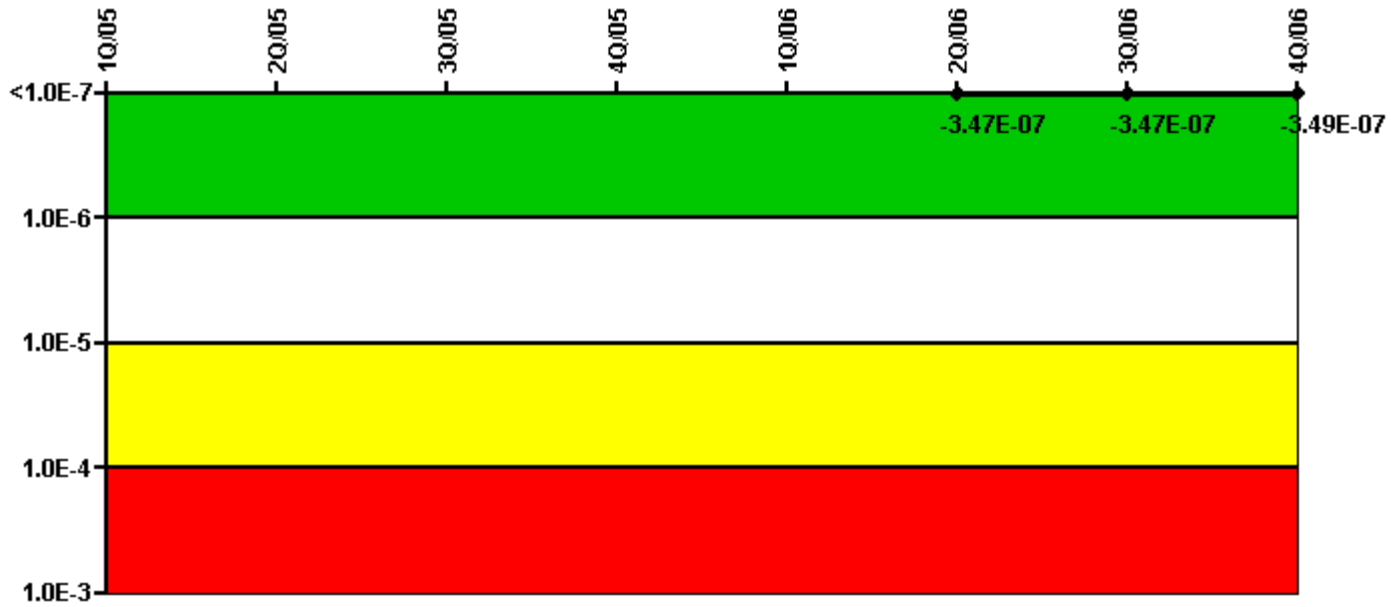
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (Δ CDF)						3.20E-09	-1.30E-09	-1.80E-09
URI (Δ CDF)						-9.60E-08	-9.60E-08	-9.60E-08
PLE						NO	NO	NO
Indicator value						-9.28E-08	-9.73E-08	-9.78E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



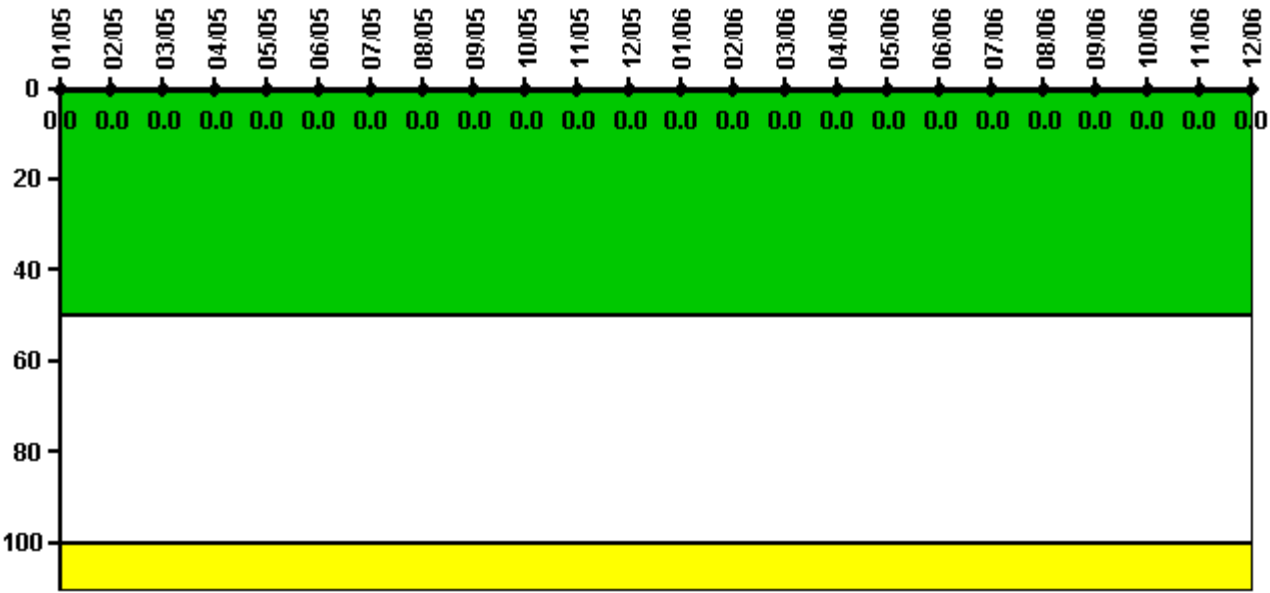
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (ΔCDF)						2.60E-09	3.30E-09	1.10E-09
URI (ΔCDF)						-3.50E-07	-3.50E-07	-3.50E-07
PLE						NO	NO	NO
Indicator value						-3.47E-07	-3.47E-07	-3.49E-07

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

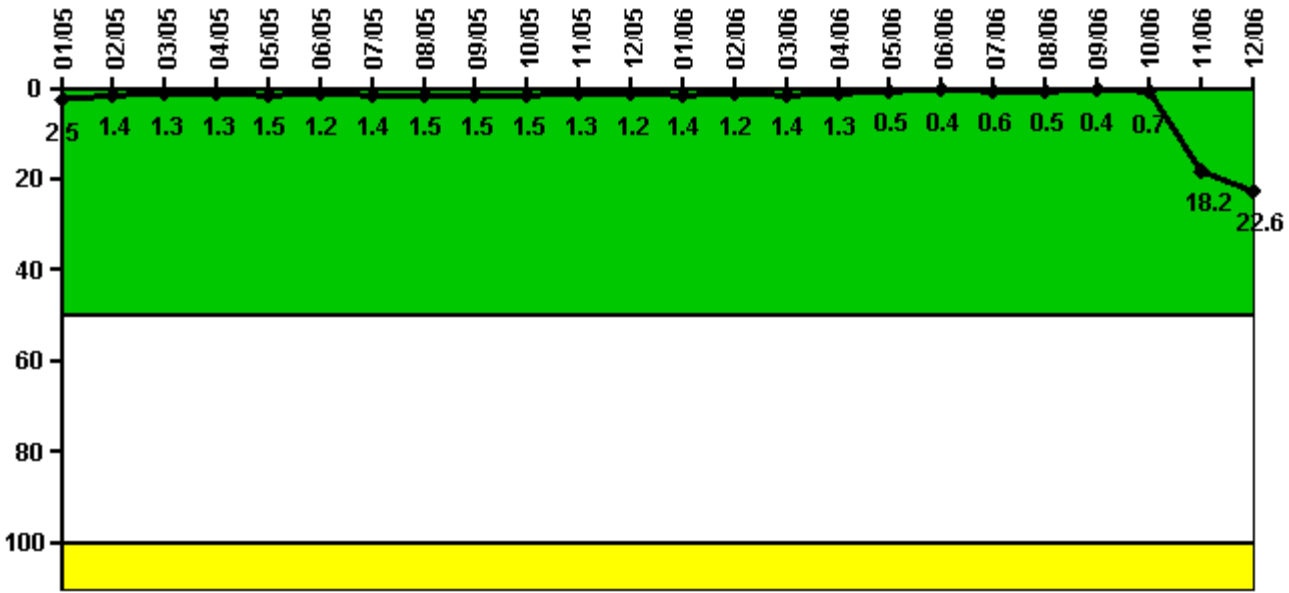
Notes

Reactor Coolant System Activity	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05
Maximum activity	0.000065	0.000125	0.000133	0.000070	0.000075	0.000076	0.000097	0.000079	0.000084	0.000084	0.000090	0.000092
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	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	0.000098	0.000318	0.000208	0.000106	0.000030	0.000128	0.000051	0.000049	0.000052	0.000054	0.000057	0.000059
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

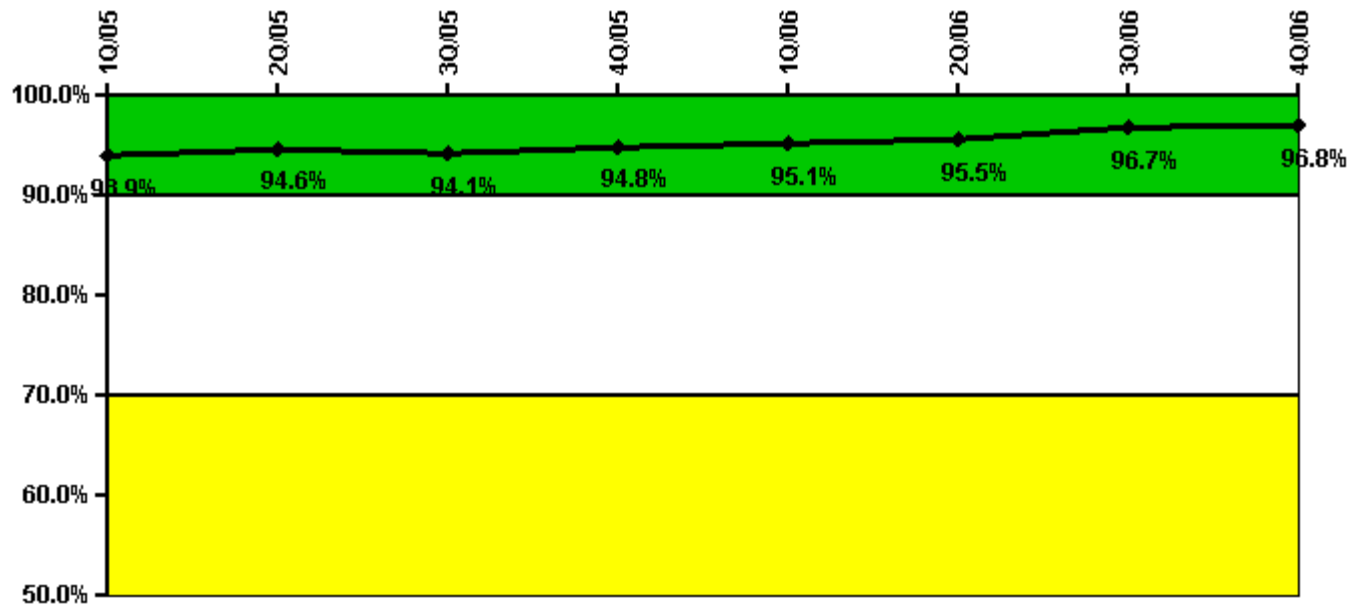
Notes

Reactor Coolant System Leakage	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05
Maximum leakage	0.250	0.140	0.130	0.130	0.150	0.120	0.140	0.150	0.150	0.150	0.130	0.120
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.5	1.4	1.3	1.3	1.5	1.2	1.4	1.5	1.5	1.5	1.3	1.2

Reactor Coolant System Leakage	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06
Maximum leakage	0.140	0.120	0.140	0.130	0.050	0.040	0.060	0.050	0.040	0.070	1.820	2.260
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.4	1.2	1.4	1.3	0.5	0.4	0.6	0.5	0.4	0.7	18.2	22.6

Licensee Comments: none

Drill/Exercise Performance



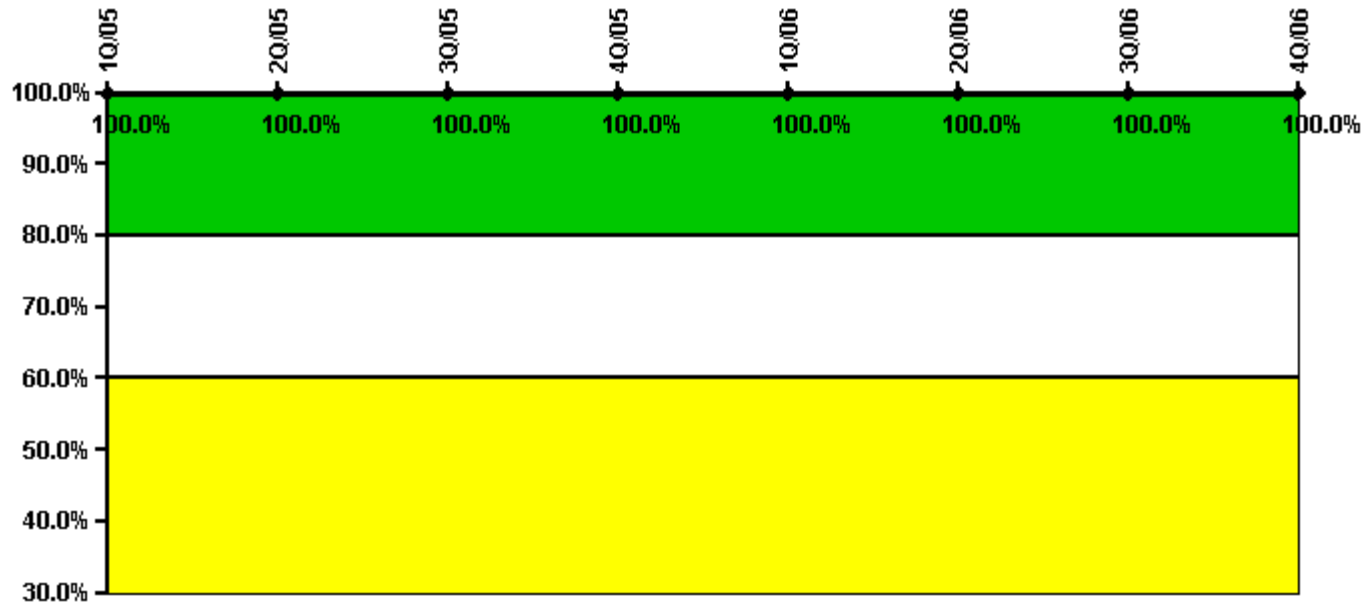
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Successful opportunities	47.0	29.0	34.0	34.0	10.0	15.0	62.0	13.0
Total opportunities	49.0	30.0	36.0	35.0	10.0	16.0	63.0	13.0
Indicator value	93.9%	94.6%	94.1%	94.8%	95.1%	95.5%	96.7%	96.8%

Licensee Comments: none

ERO Drill Participation



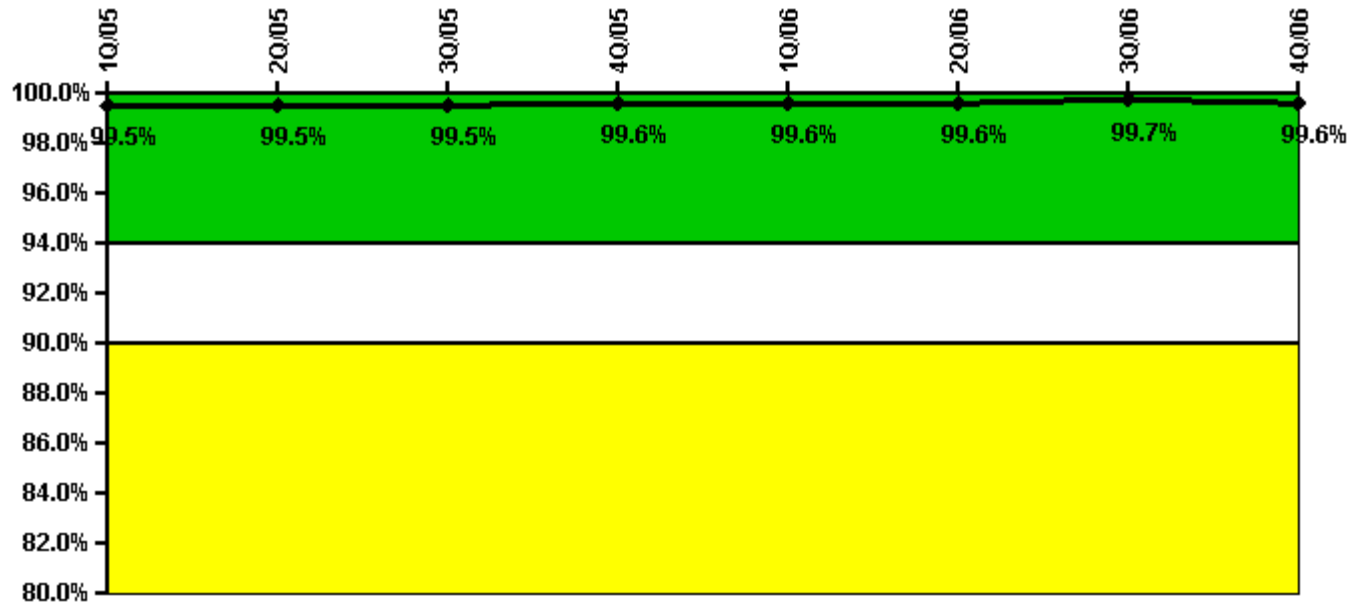
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Participating Key personnel	55.0	52.0	51.0	49.0	46.0	44.0	46.0	45.0
Total Key personnel	55.0	52.0	51.0	49.0	46.0	44.0	46.0	45.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



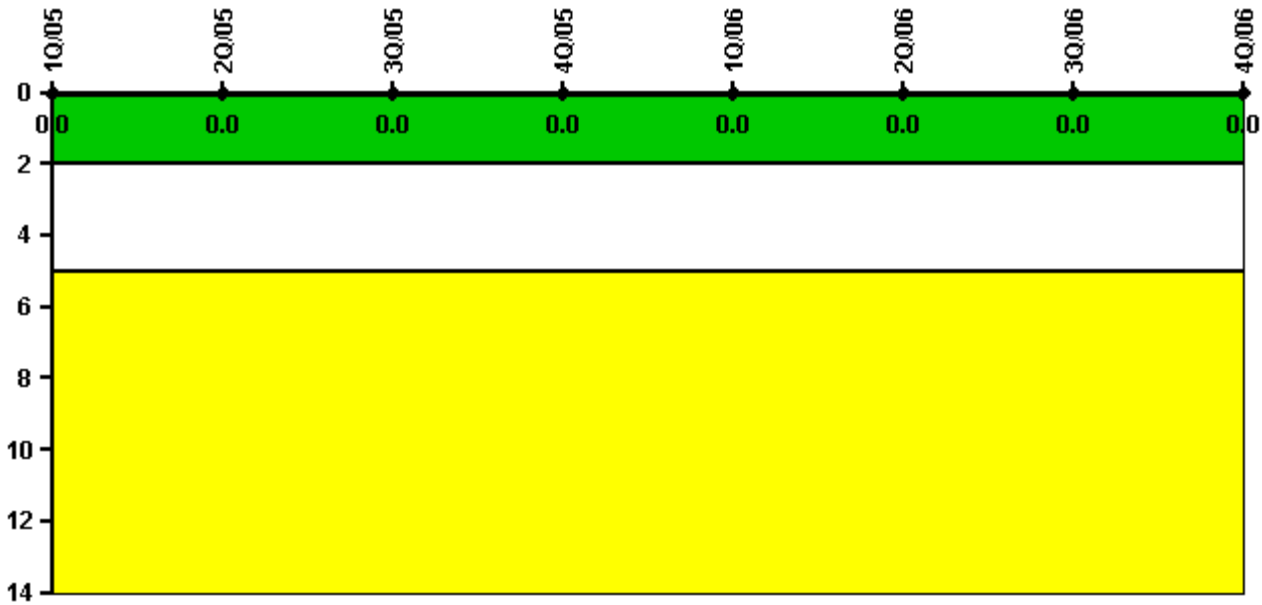
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Successful siren-tests	565	647	642	647	566	646	644	646
Total sirens-tests	567	648	648	648	567	648	648	648
Indicator value	99.5%	99.5%	99.5%	99.6%	99.6%	99.6%	99.7%	99.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness



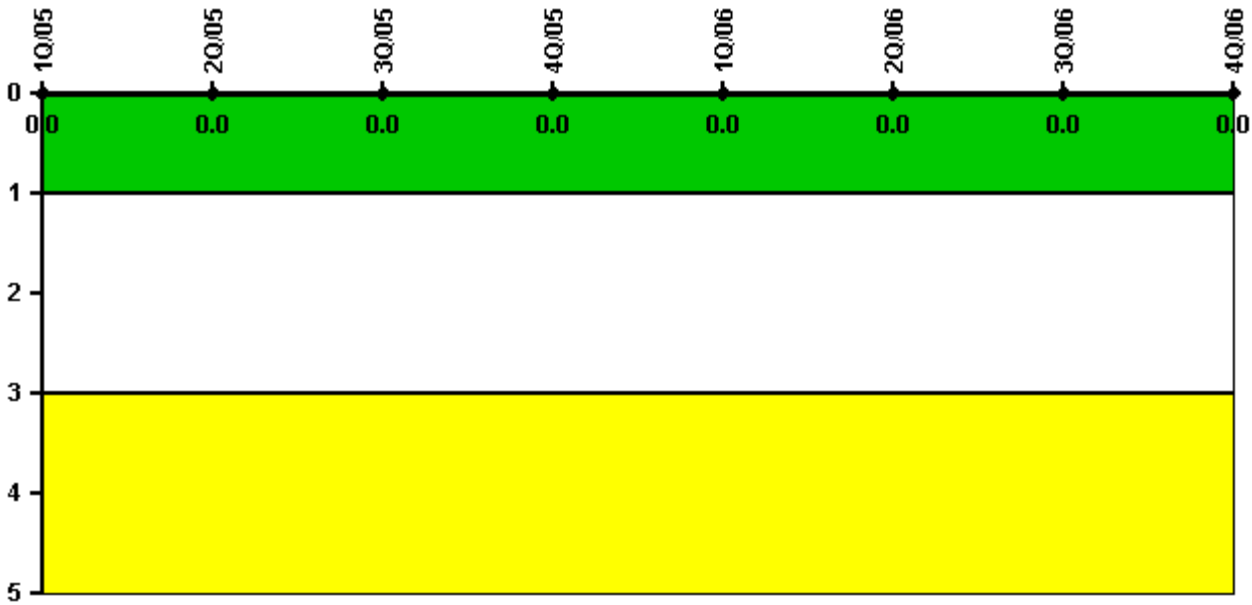
Thresholds: White > 2.0 Yellow > 5.0

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	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/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	0	0	0	0	0	0	0

Licensee Comments: none

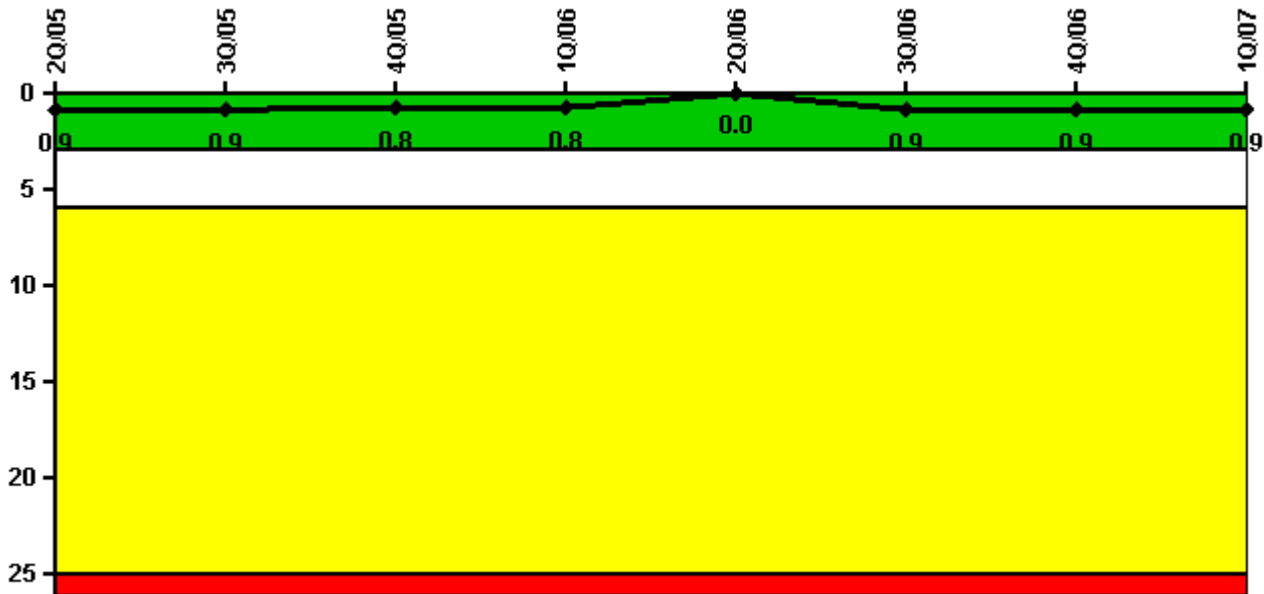
[Physical Protection](#) information not publicly available.

Harris 1

1Q/2007 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



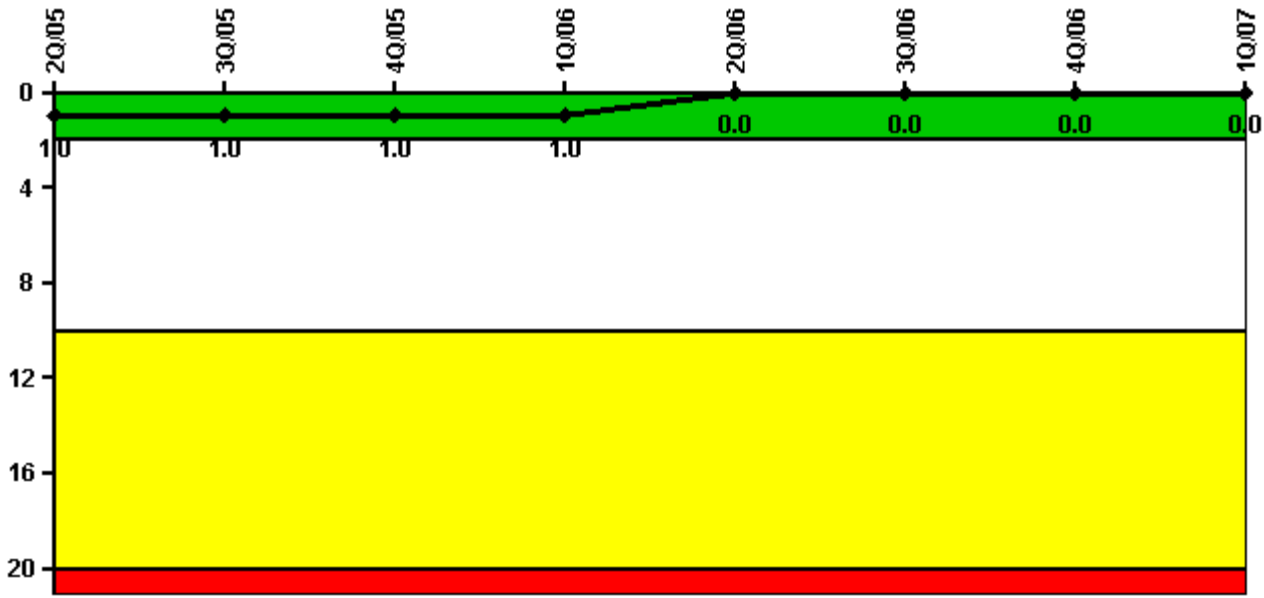
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Unplanned scrams	1.0	0	0	0	0	1.0	0	0
Critical hours	2139.6	2208.0	2209.0	2160.0	1273.3	2151.4	2209.0	2159.0
Indicator value	0.9	0.9	0.8	0.8	0	0.9	0.9	0.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



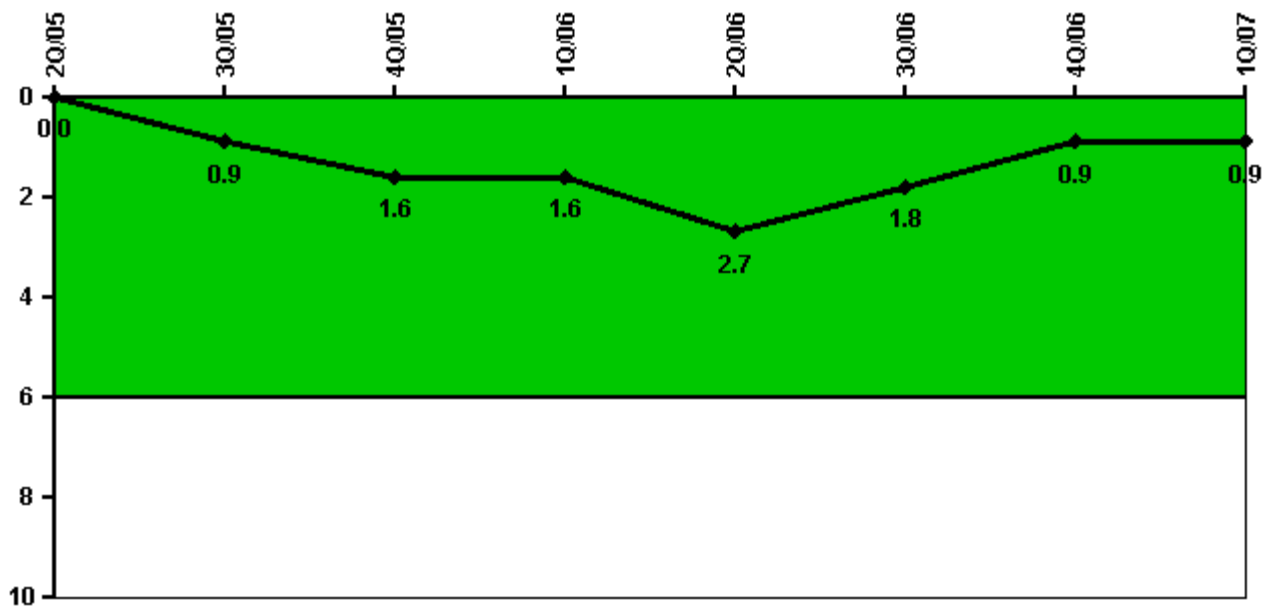
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



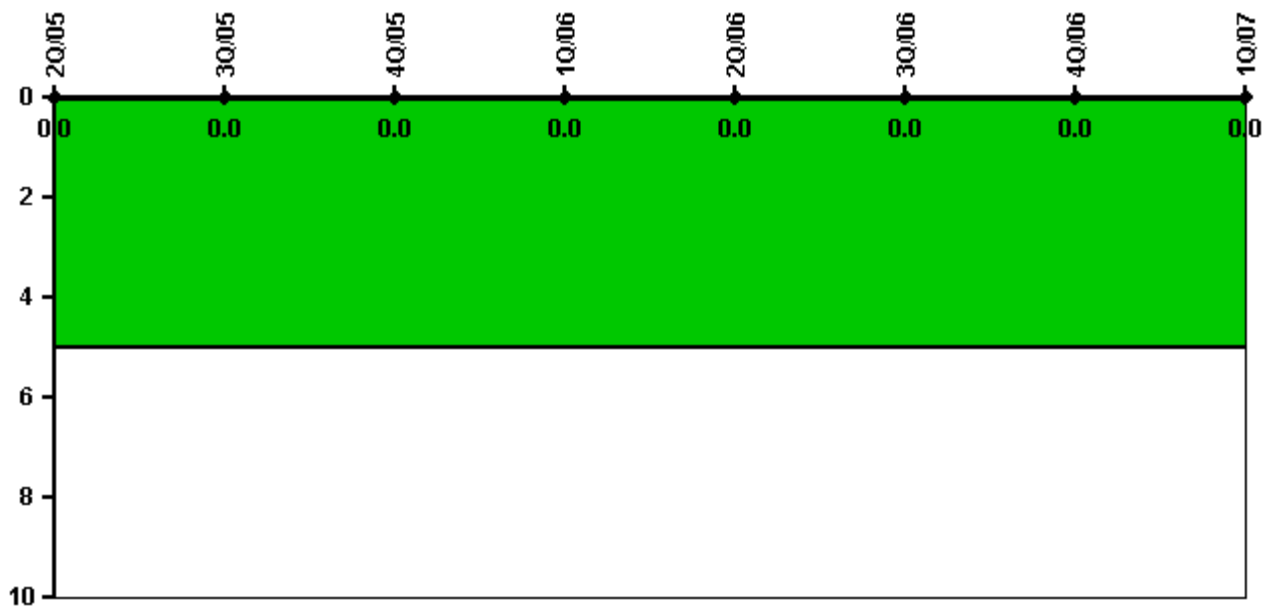
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Unplanned power changes	0	1.0	1.0	0	1.0	0	0	0
Critical hours	2139.6	2208.0	2209.0	2160.0	1273.3	2151.4	2209.0	2159.0
Indicator value	0	0.9	1.6	1.6	2.7	1.8	0.9	0.9

Licensee Comments: none

Safety System Functional Failures (PWR)



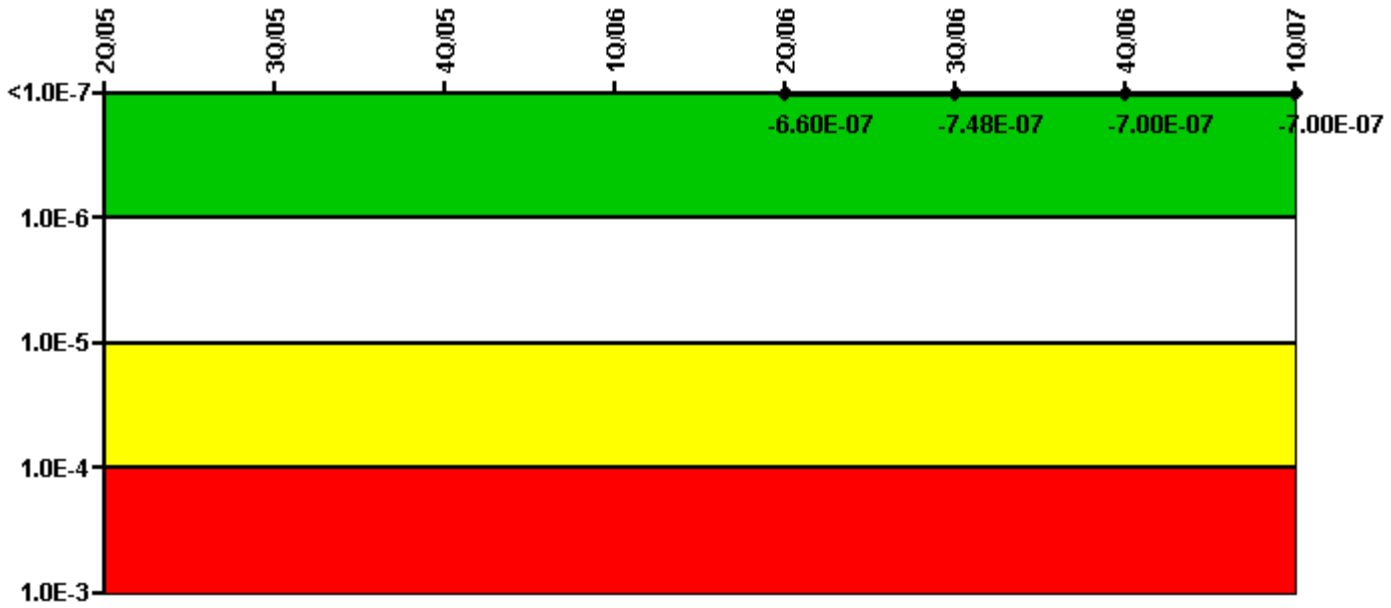
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



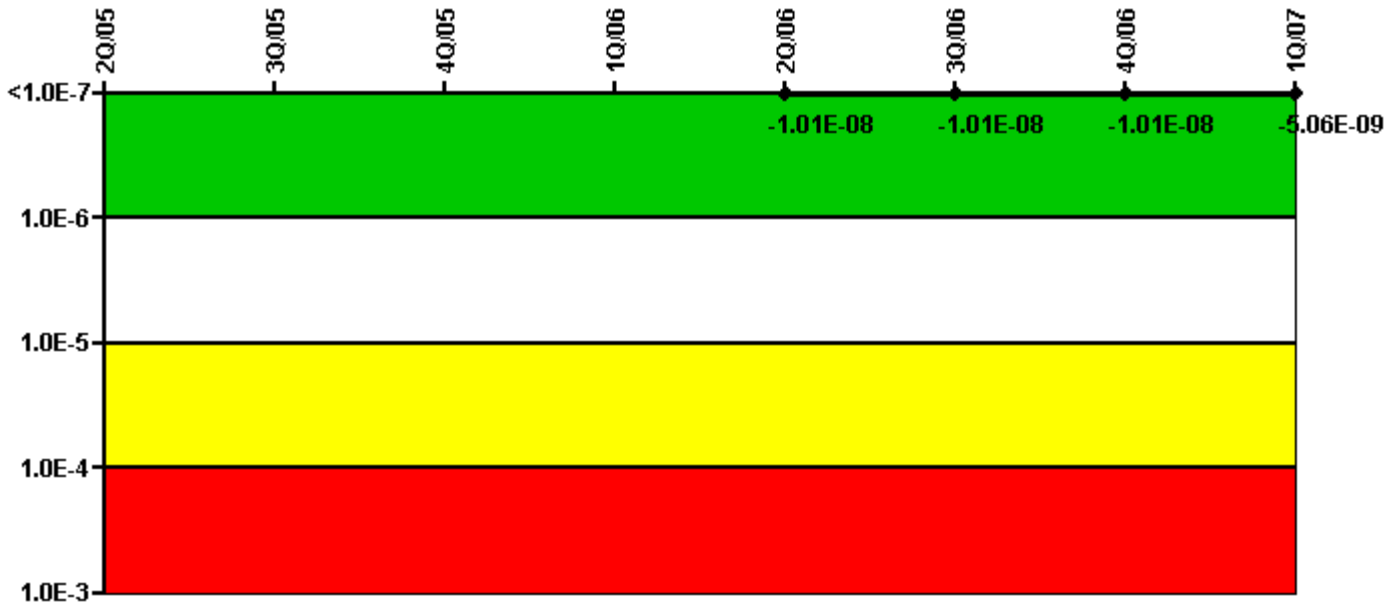
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (Δ CDF)					1.50E-07	6.20E-08	1.10E-07	1.10E-07
URI (Δ CDF)					-8.10E-07	-8.10E-07	-8.10E-07	-8.10E-07
PLE					NO	NO	NO	NO
Indicator value					-6.60E-07	-7.48E-07	-7.00E-07	-7.00E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



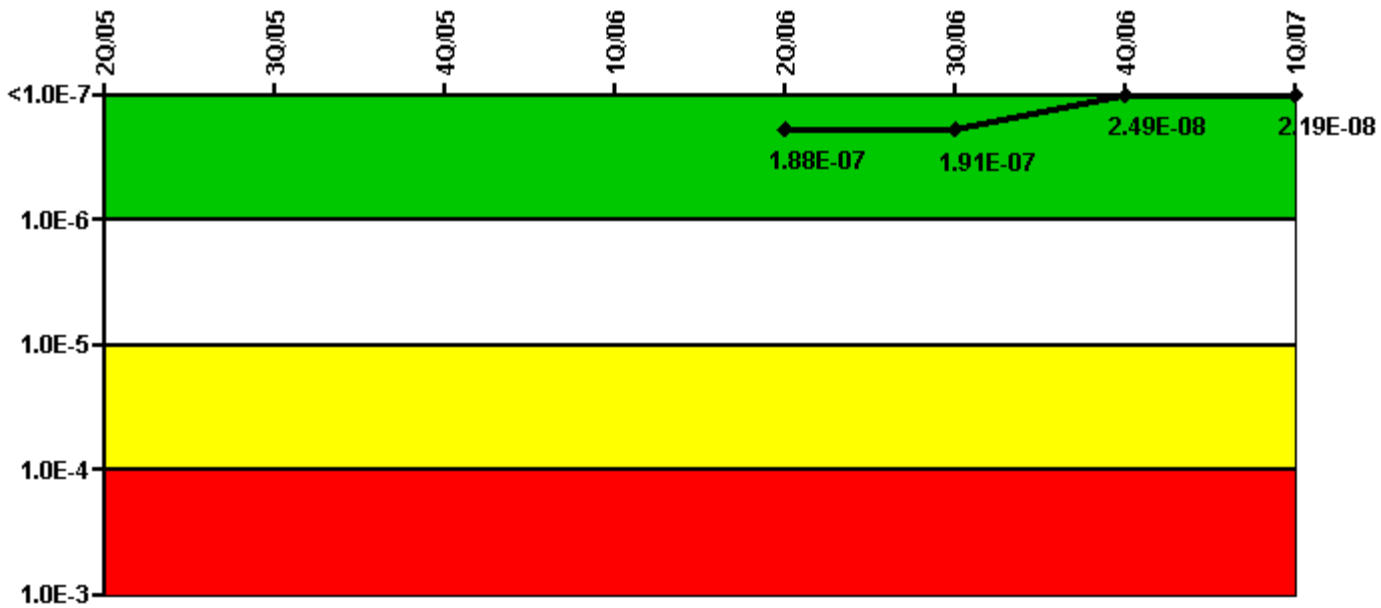
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (Δ CDF)					-1.20E-09	-1.20E-09	-1.20E-09	-8.60E-10
URI (Δ CDF)					-8.90E-09	-8.90E-09	-8.90E-09	-4.20E-09
PLE					NO	NO	NO	NO
Indicator value					-1.01E-08	-1.01E-08	-1.01E-08	-5.06E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



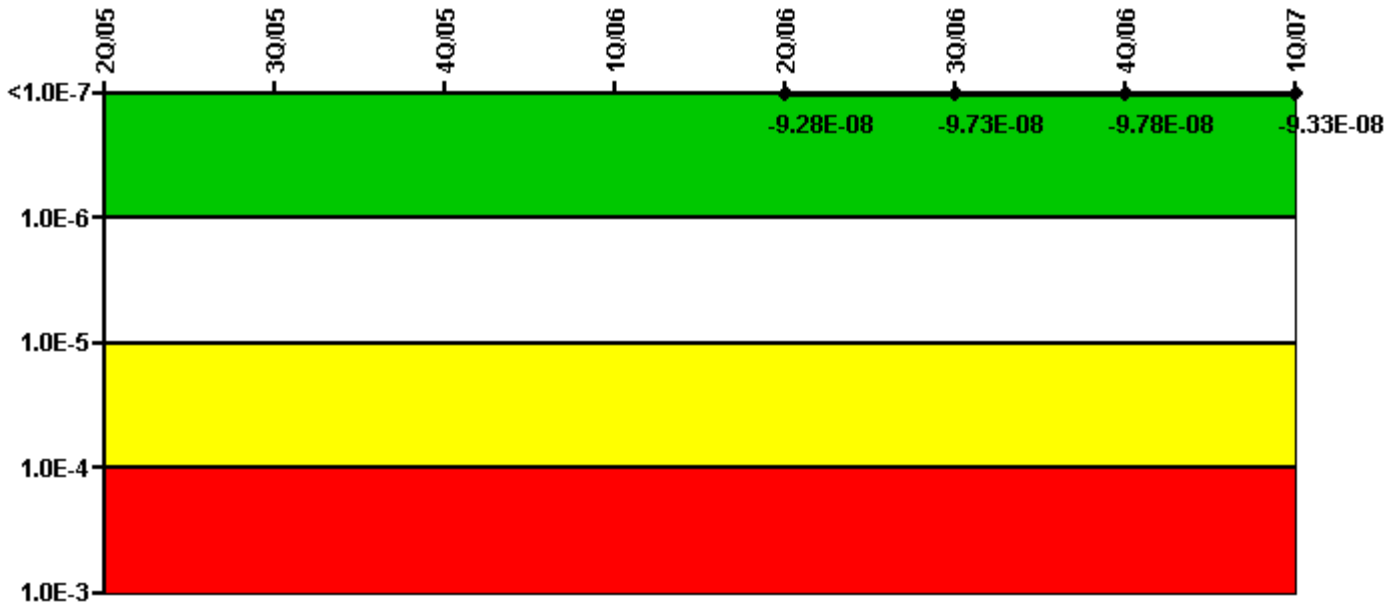
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (Δ CDF)					3.80E-08	4.10E-08	1.90E-08	1.60E-08
URI (Δ CDF)					1.50E-07	1.50E-07	5.90E-09	5.90E-09
PLE					NO	NO	NO	NO
Indicator value					1.88E-07	1.91E-07	2.49E-08	2.19E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



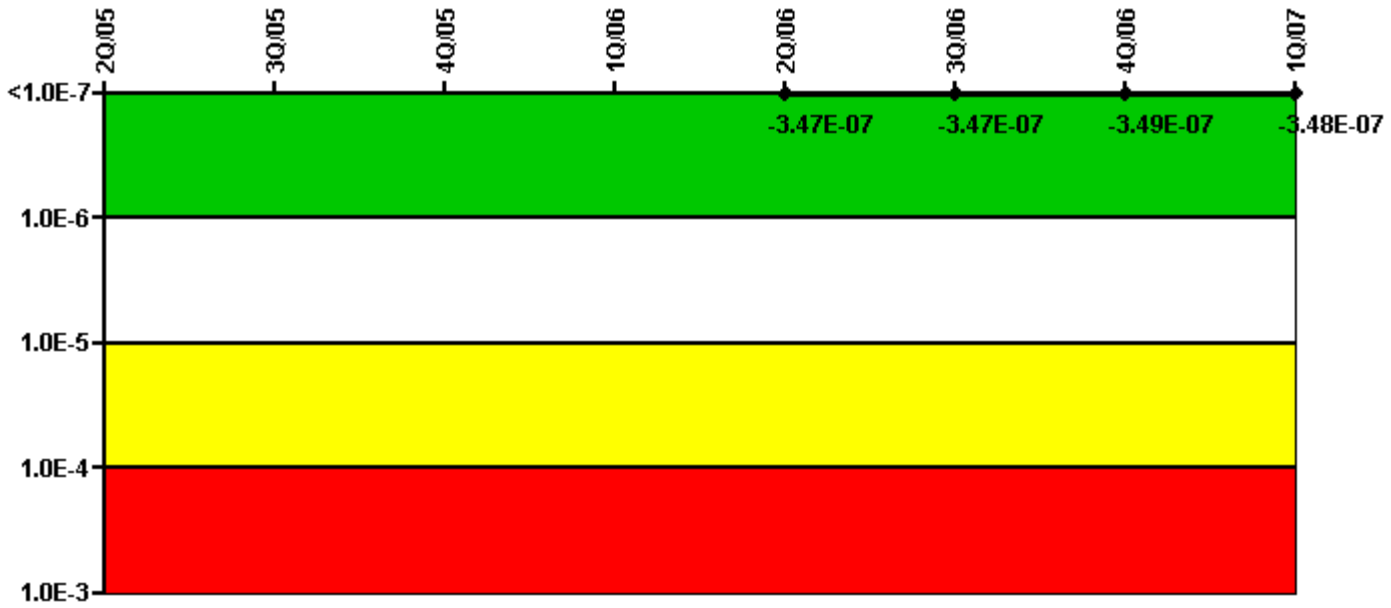
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (Δ CDF)					3.20E-09	-1.30E-09	-1.80E-09	2.70E-09
URI (Δ CDF)					-9.60E-08	-9.60E-08	-9.60E-08	-9.60E-08
PLE					NO	NO	NO	NO
Indicator value					-9.28E-08	-9.73E-08	-9.78E-08	-9.33E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



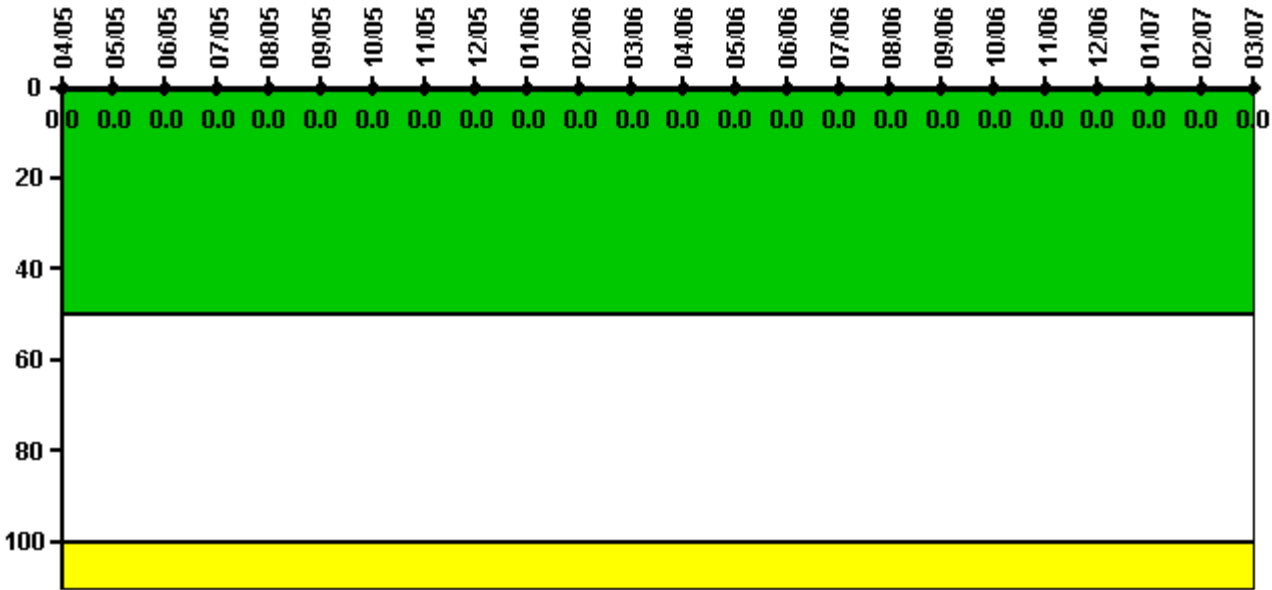
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (Δ CDF)					$2.60E-09$	$3.30E-09$	$1.10E-09$	$2.30E-09$
URI (Δ CDF)					$-3.50E-07$	$-3.50E-07$	$-3.50E-07$	$-3.50E-07$
PLE					NO	NO	NO	NO
Indicator value					$-3.47E-07$	$-3.47E-07$	$-3.49E-07$	$-3.48E-07$

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

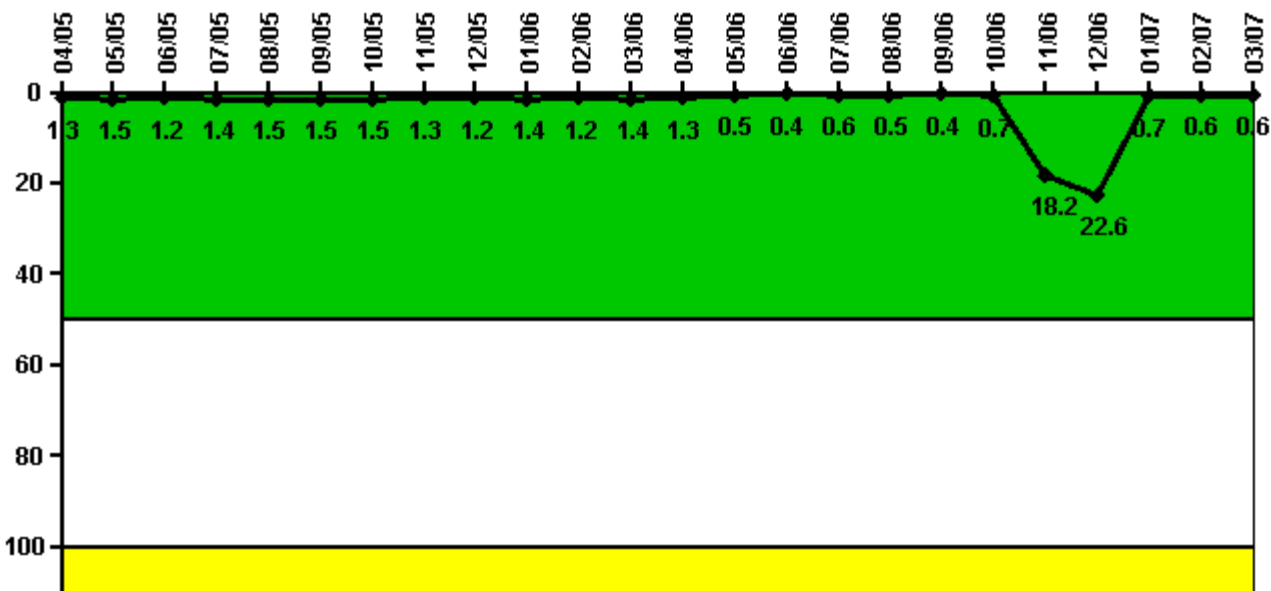
Notes

Reactor Coolant System Activity	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06
Maximum activity	0.000070	0.000075	0.000076	0.000097	0.000079	0.000084	0.000084	0.000090	0.000092	0.000098	0.000318	0.000208
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07
Maximum activity	0.000106	0.000030	0.000128	0.000051	0.000049	0.000052	0.000054	0.000057	0.000059	0.000064	0.000066	0.000067
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

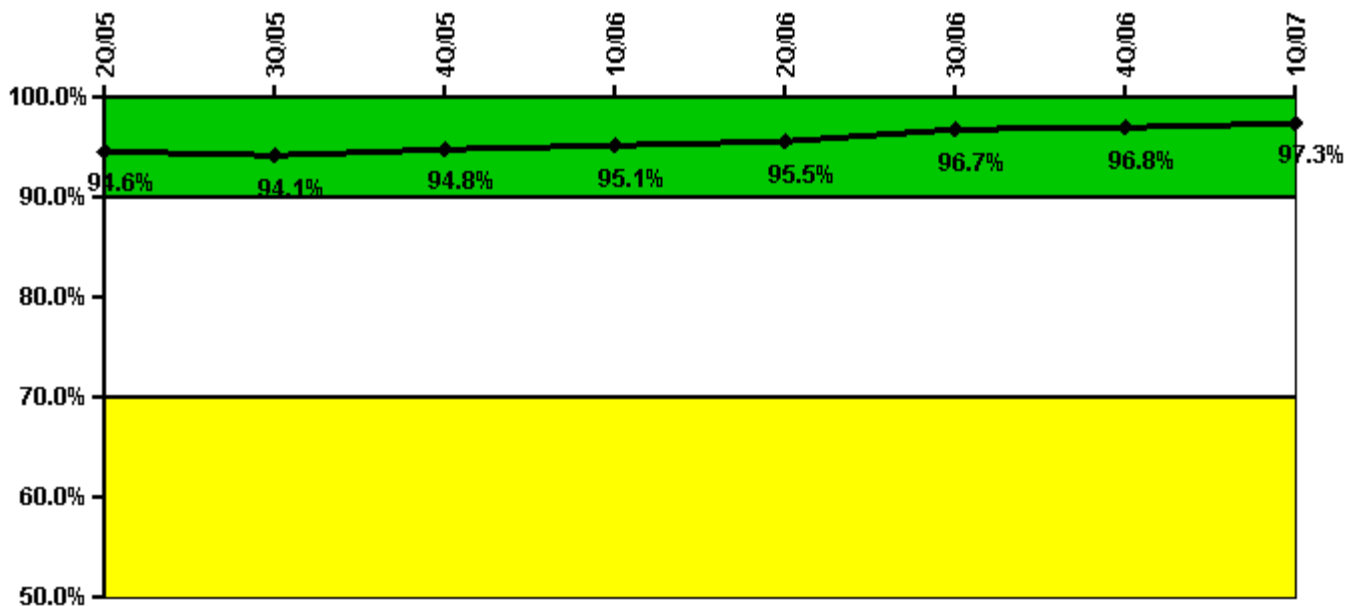
Notes

Reactor Coolant System Leakage	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06
Maximum leakage	0.130	0.150	0.120	0.140	0.150	0.150	0.150	0.130	0.120	0.140	0.120	0.140
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.3	1.5	1.2	1.4	1.5	1.5	1.5	1.3	1.2	1.4	1.2	1.4

Reactor Coolant System Leakage	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07
Maximum leakage	0.130	0.050	0.040	0.060	0.050	0.040	0.070	1.820	2.260	0.070	0.060	0.060
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.3	0.5	0.4	0.6	0.5	0.4	0.7	18.2	22.6	0.7	0.6	0.6

Licensee Comments: none

Drill/Exercise Performance



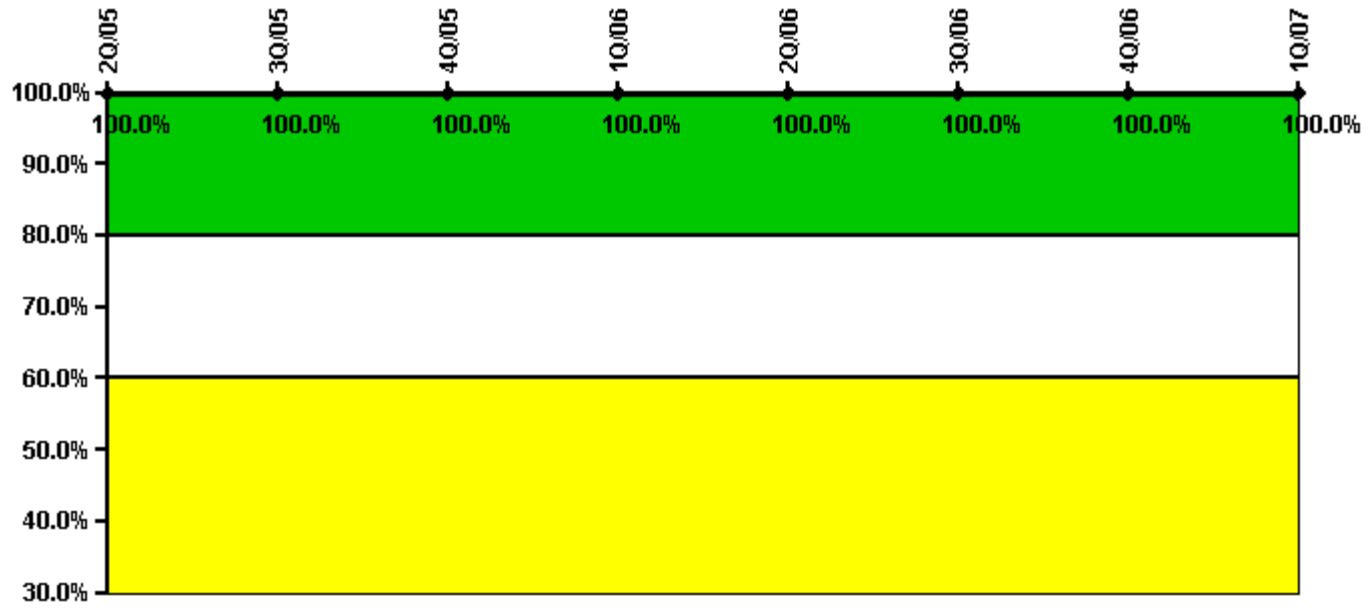
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Successful opportunities	29.0	34.0	34.0	10.0	15.0	62.0	13.0	18.0
Total opportunities	30.0	36.0	35.0	10.0	16.0	63.0	13.0	18.0
Indicator value	94.6%	94.1%	94.8%	95.1%	95.5%	96.7%	96.8%	97.3%

Licensee Comments: none

ERO Drill Participation



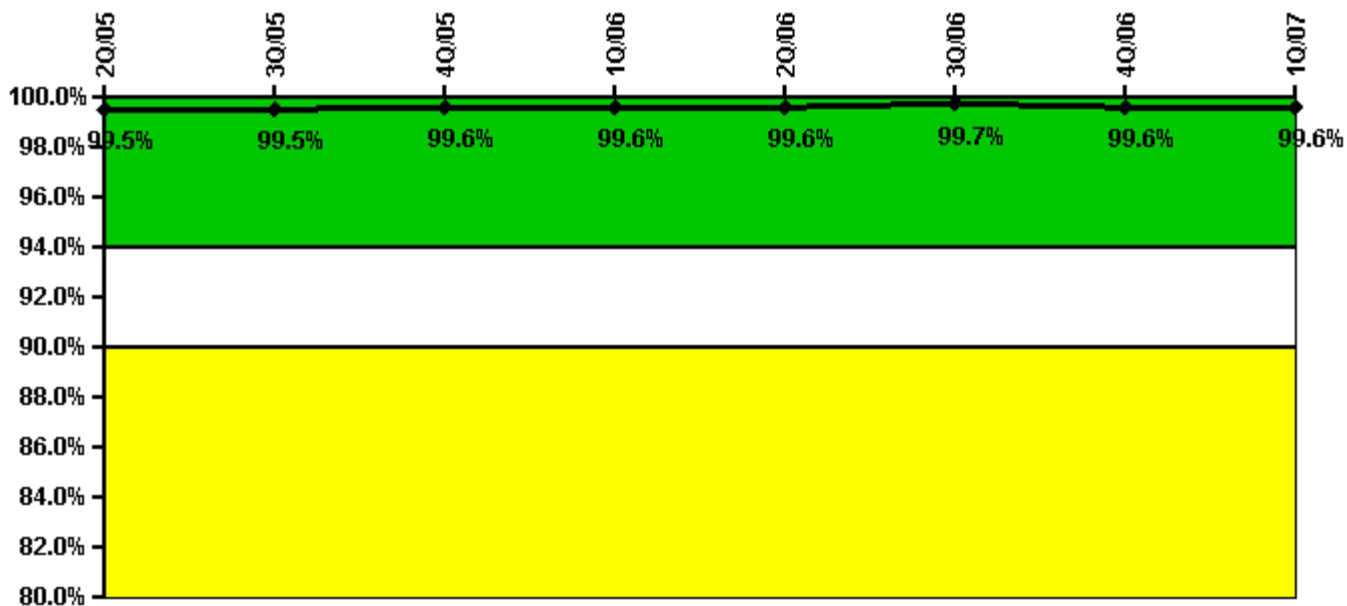
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Participating Key personnel	52.0	51.0	49.0	46.0	44.0	46.0	45.0	43.0
Total Key personnel	52.0	51.0	49.0	46.0	44.0	46.0	45.0	43.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



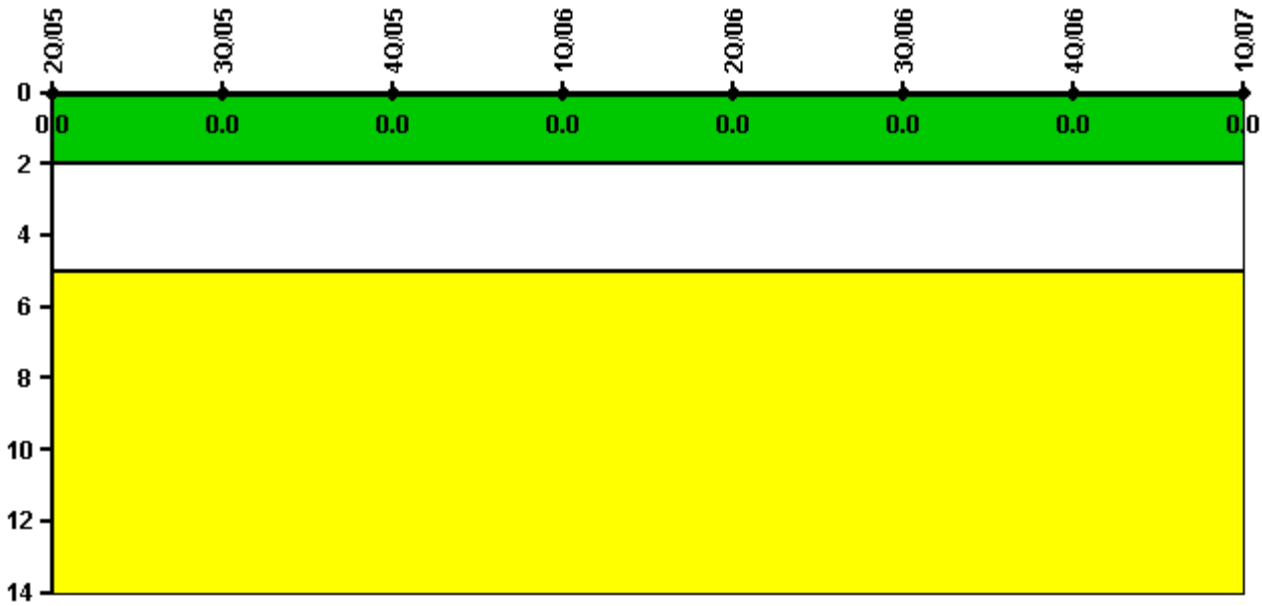
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Successful siren-tests	647	642	647	566	646	644	646	565
Total sirens-tests	648	648	648	567	648	648	648	567
Indicator value	99.5%	99.5%	99.6%	99.6%	99.6%	99.7%	99.6%	99.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness



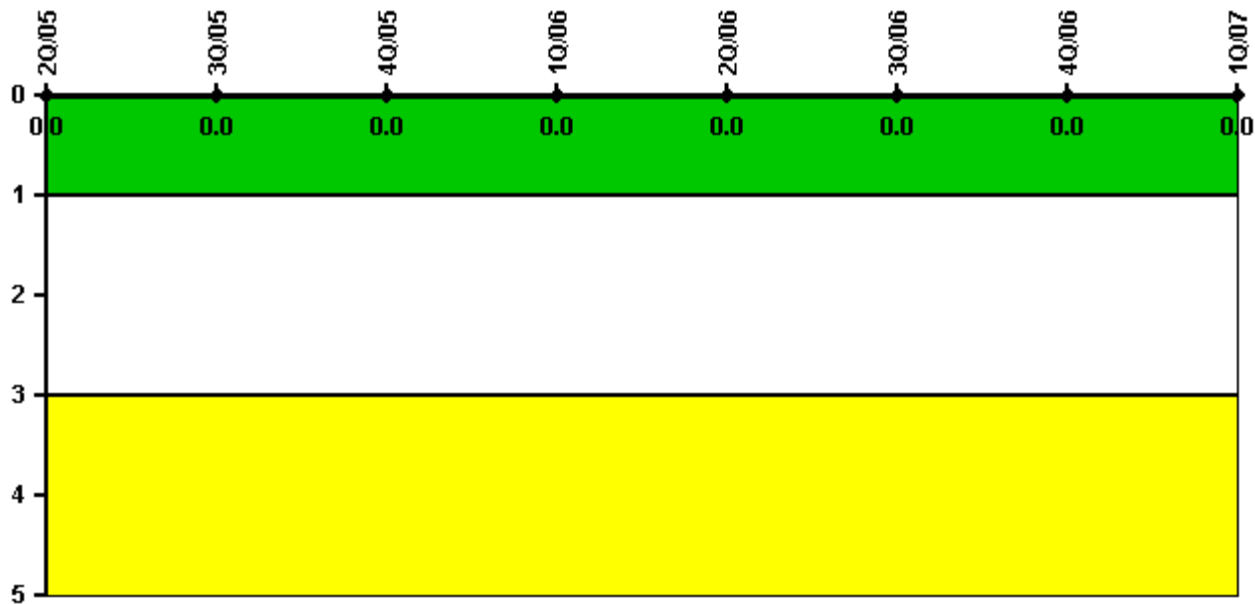
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

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

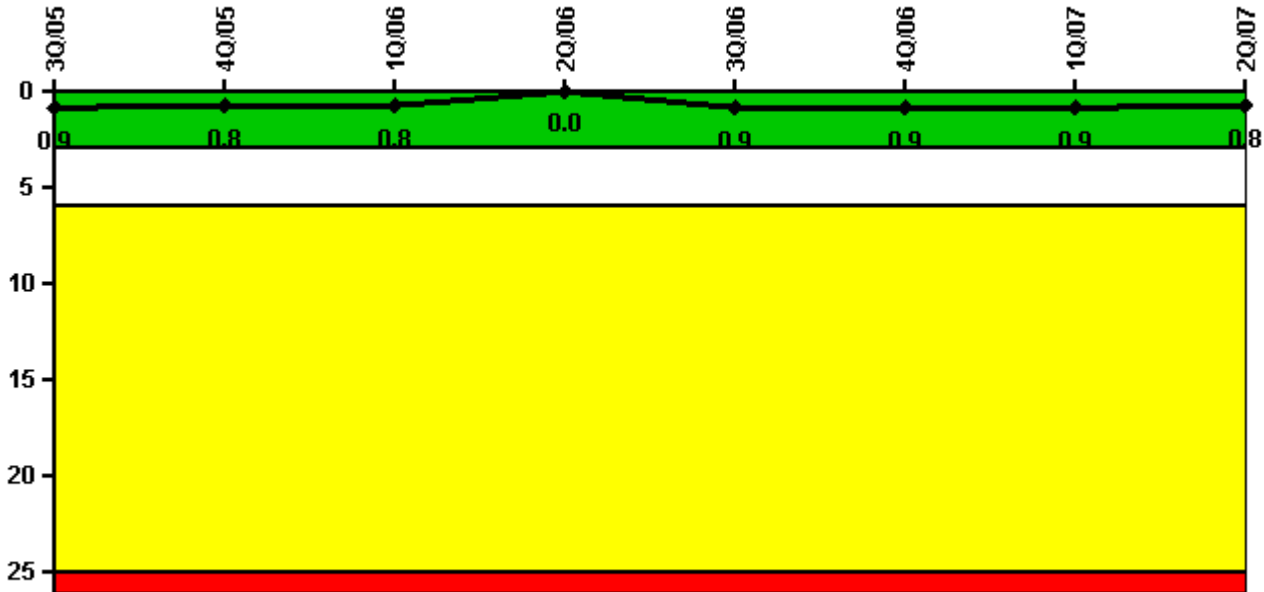
Last Modified: June 1, 2007

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2Q/2007 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



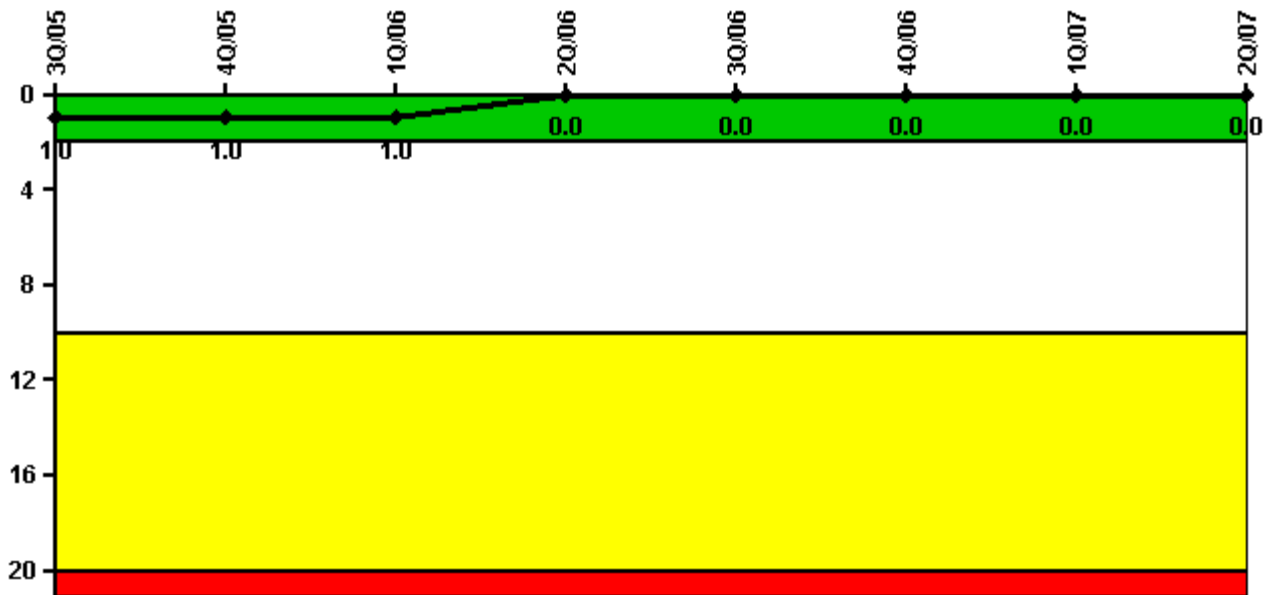
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Unplanned scrams	0	0	0	0	1.0	0	0	0
Critical hours	2208.0	2209.0	2160.0	1273.3	2151.4	2209.0	2159.0	2184.0
Indicator value	0.9	0.8	0.8	0	0.9	0.9	0.9	0.8

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



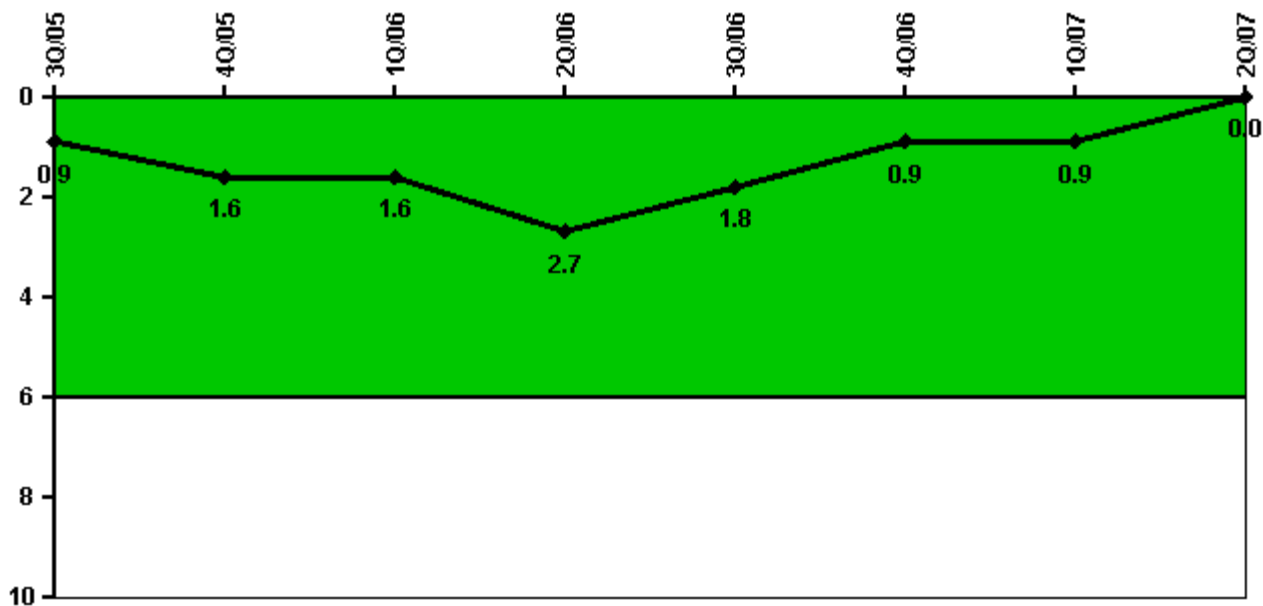
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



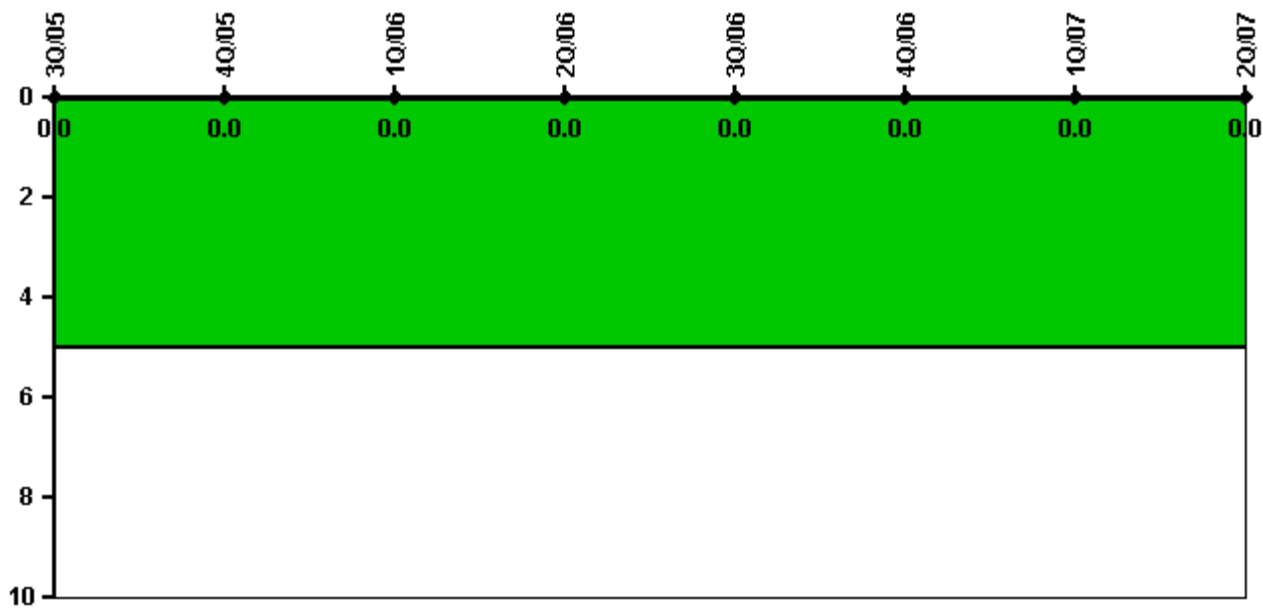
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Unplanned power changes	1.0	1.0	0	1.0	0	0	0	0
Critical hours	2208.0	2209.0	2160.0	1273.3	2151.4	2209.0	2159.0	2184.0
Indicator value	0.9	1.6	1.6	2.7	1.8	0.9	0.9	0

Licensee Comments: none

Safety System Functional Failures (PWR)



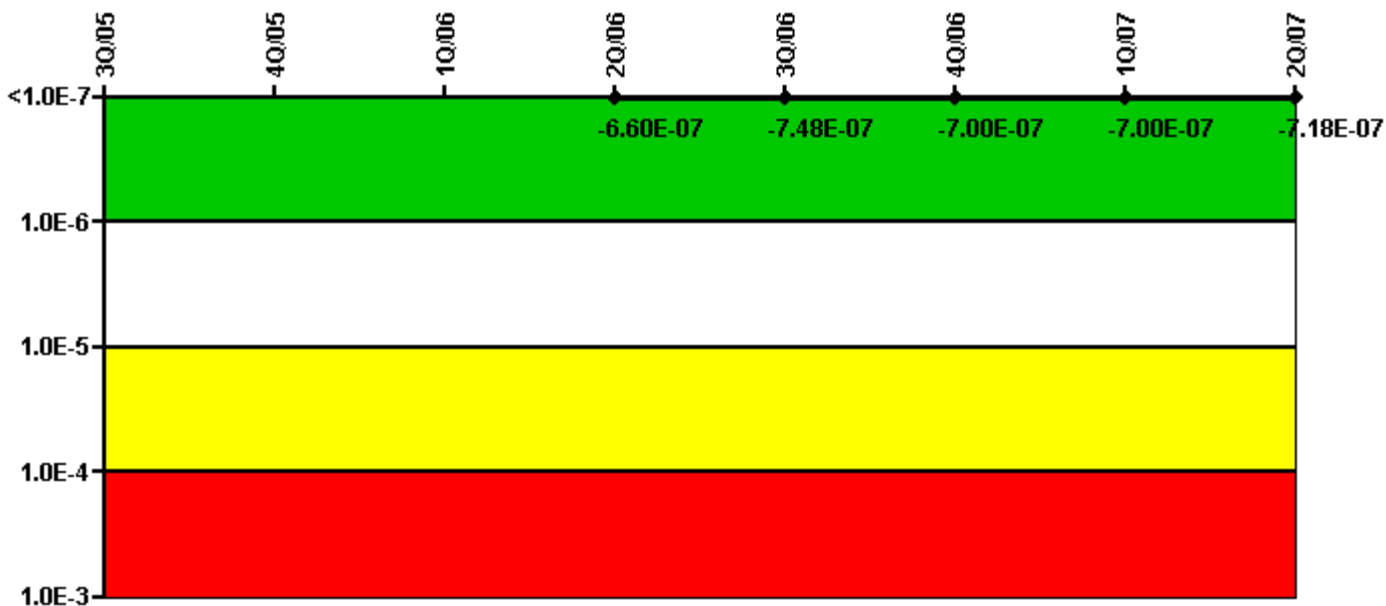
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



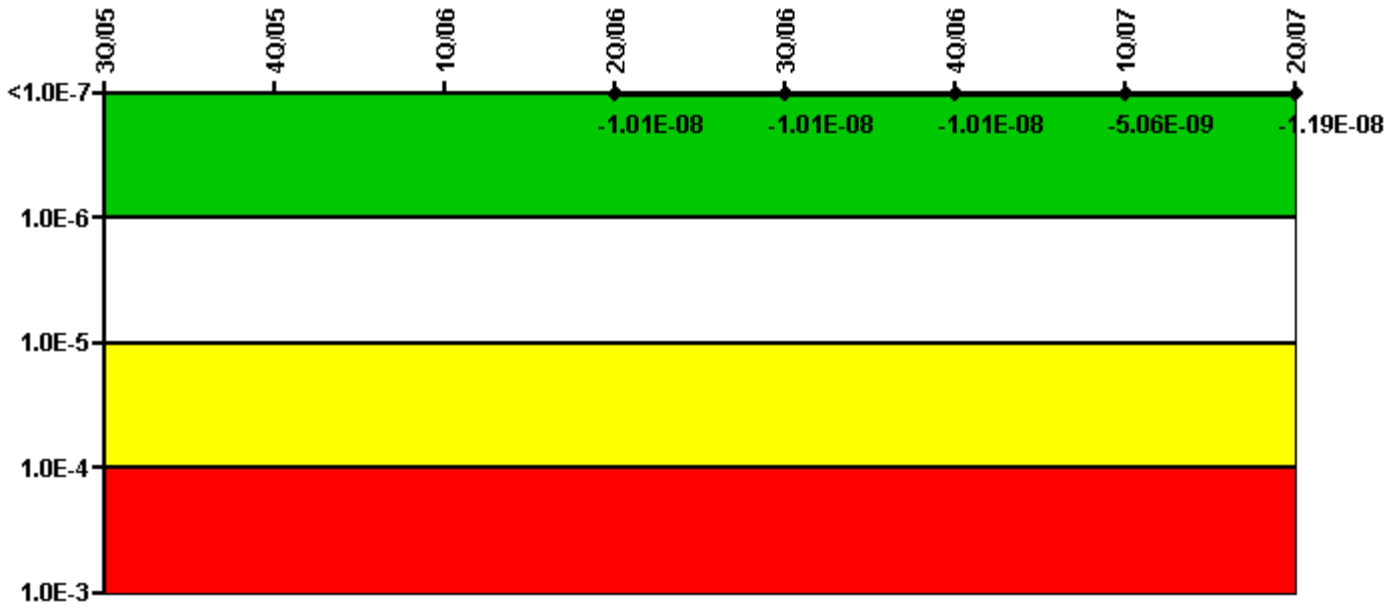
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (Δ CDF)				1.50E-07	6.20E-08	1.10E-07	1.10E-07	9.20E-08
URI (Δ CDF)				-8.10E-07	-8.10E-07	-8.10E-07	-8.10E-07	-8.10E-07
PLE				NO	NO	NO	NO	NO
Indicator value				-6.60E-07	-7.48E-07	-7.00E-07	-7.00E-07	-7.18E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



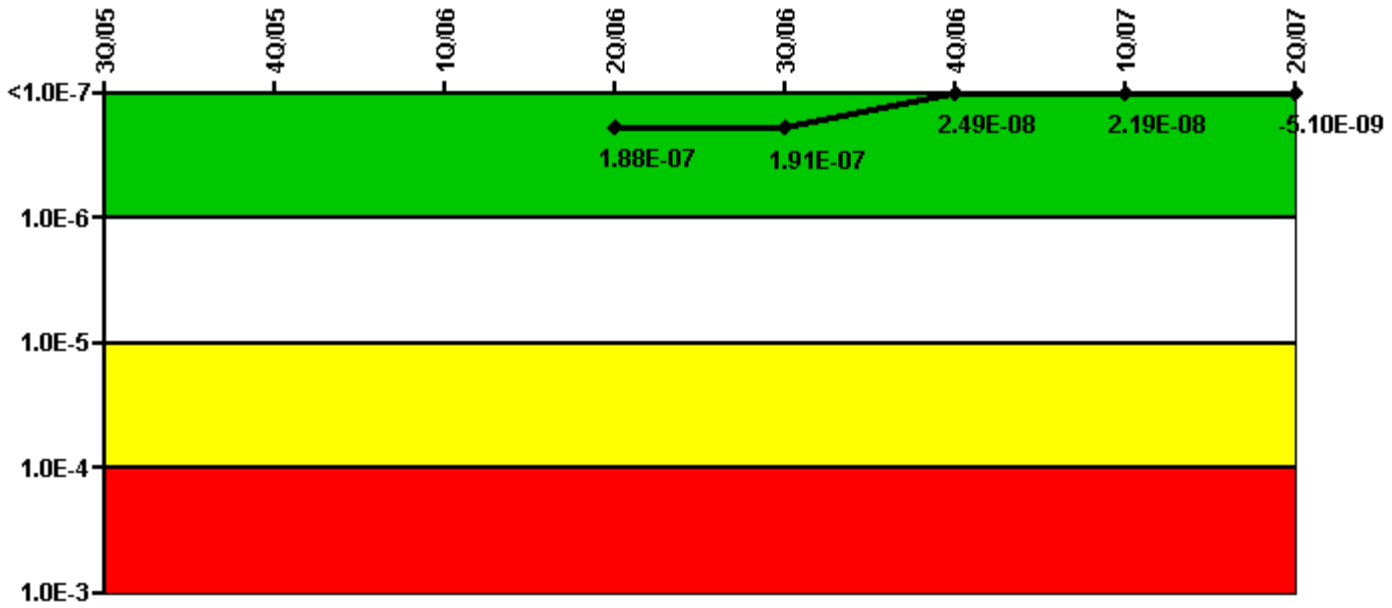
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (Δ CDF)				-1.20E-09	-1.20E-09	-1.20E-09	-8.60E-10	-8.80E-10
URI (Δ CDF)				-8.90E-09	-8.90E-09	-8.90E-09	-4.20E-09	-1.10E-08
PLE				NO	NO	NO	NO	NO
Indicator value				-1.01E-08	-1.01E-08	-1.01E-08	-5.06E-09	-1.19E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



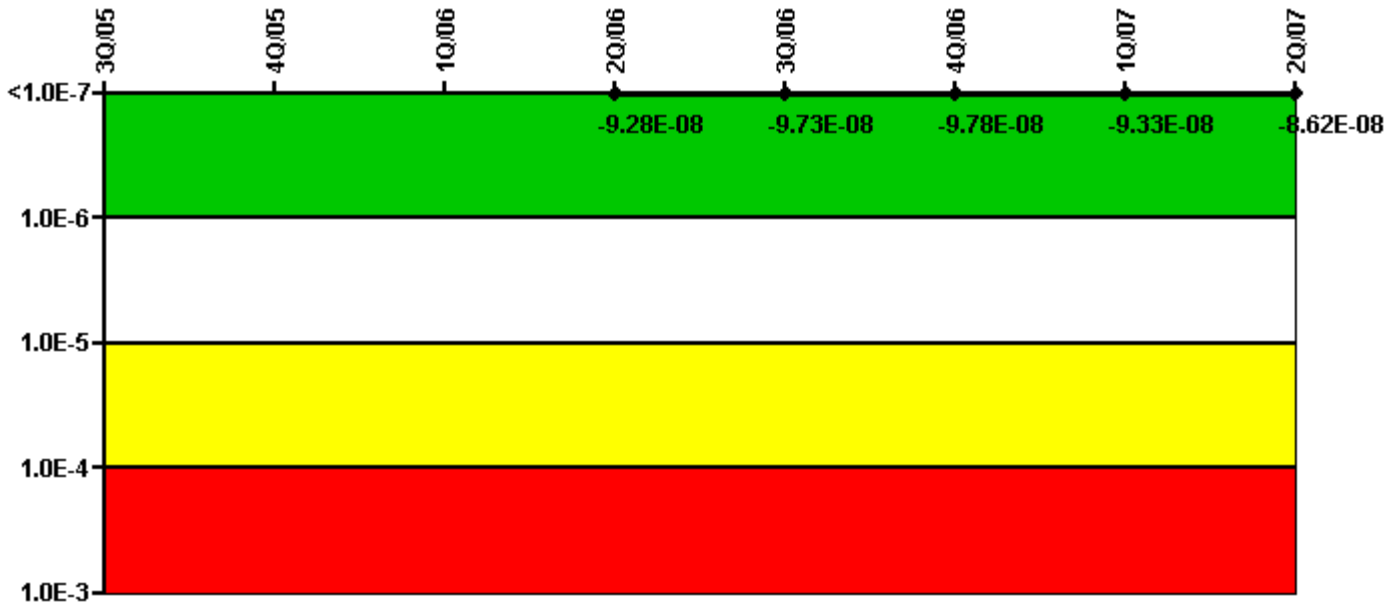
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (Δ CDF)				3.80E-08	4.10E-08	1.90E-08	1.60E-08	-1.20E-08
URI (Δ CDF)				1.50E-07	1.50E-07	5.90E-09	5.90E-09	6.90E-09
PLE				NO	NO	NO	NO	NO
Indicator value				1.88E-07	1.91E-07	2.49E-08	2.19E-08	-5.10E-09

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



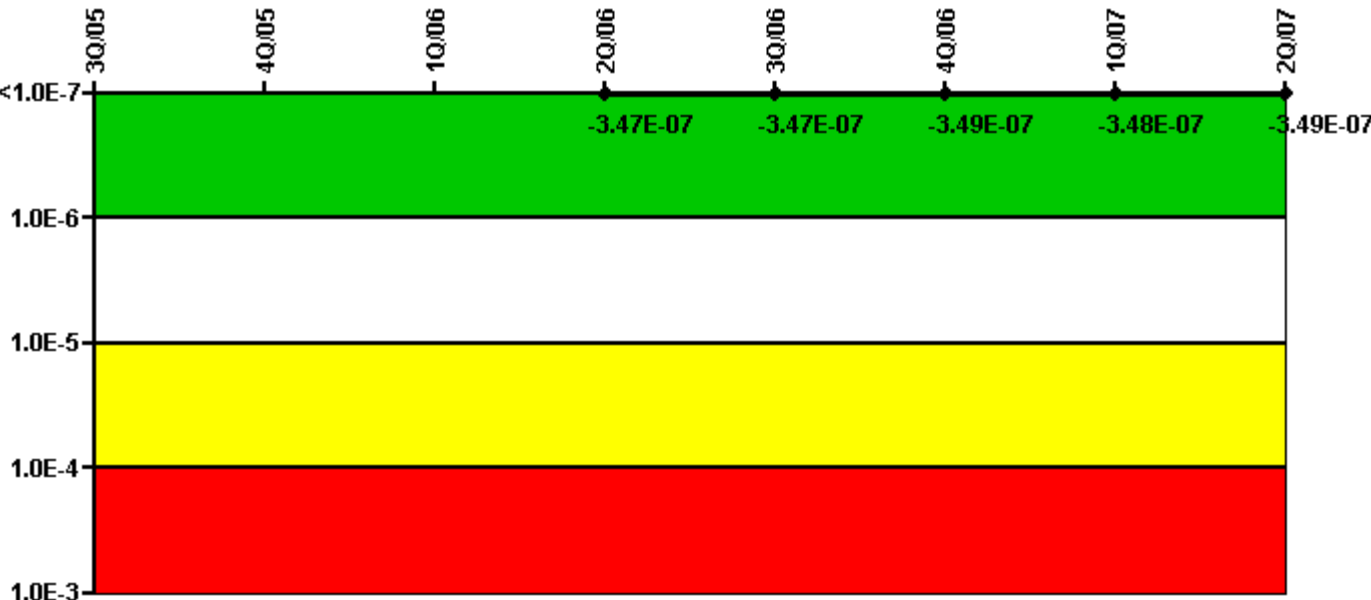
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (Δ CDF)				3.20E-09	-1.30E-09	-1.80E-09	2.70E-09	9.80E-09
URI (Δ CDF)				-9.60E-08	-9.60E-08	-9.60E-08	-9.60E-08	-9.60E-08
PLE				NO	NO	NO	NO	NO
Indicator value				-9.28E-08	-9.73E-08	-9.78E-08	-9.33E-08	-8.62E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



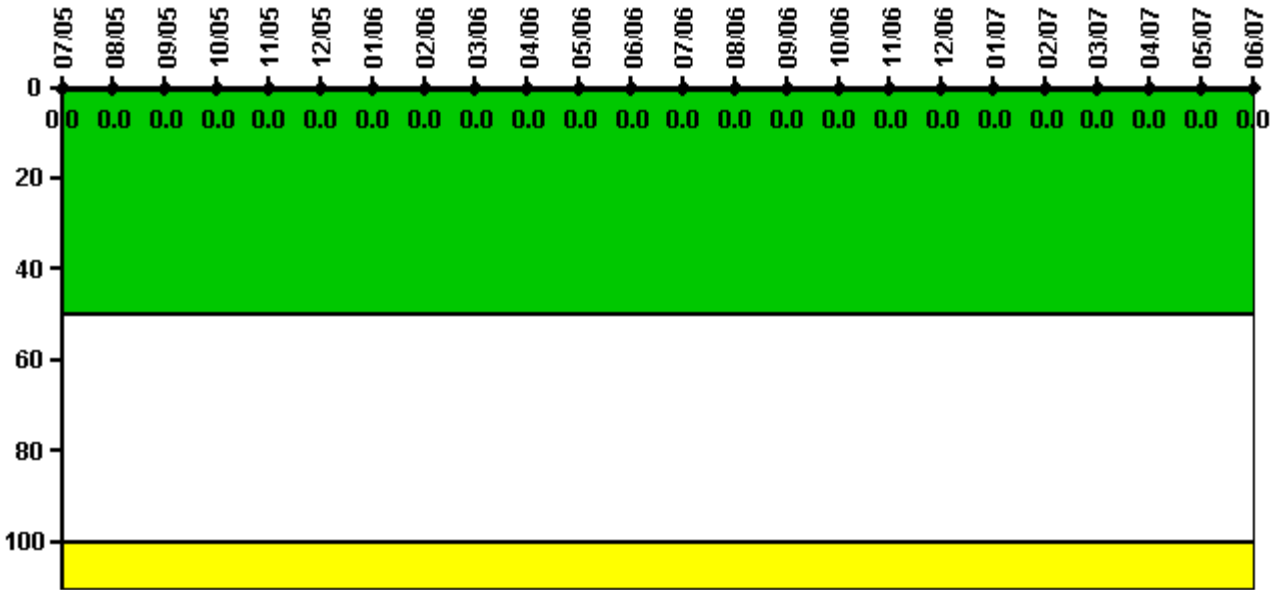
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (ΔCDF)				2.60E-09	3.30E-09	1.10E-09	2.30E-09	7.20E-10
URI (ΔCDF)				-3.50E-07	-3.50E-07	-3.50E-07	-3.50E-07	-3.50E-07
PLE				NO	NO	NO	NO	NO
Indicator value				-3.47E-07	-3.47E-07	-3.49E-07	-3.48E-07	-3.49E-07

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

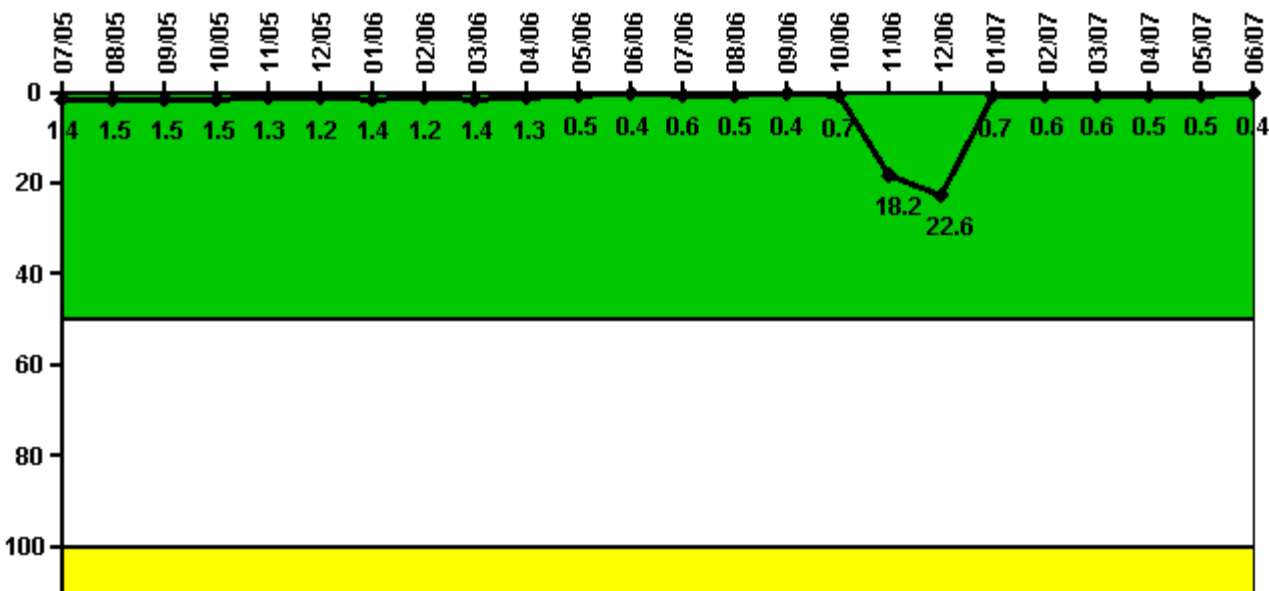
Notes

Reactor Coolant System Activity	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06
Maximum activity	0.000097	0.000079	0.000084	0.000084	0.000090	0.000092	0.000098	0.000318	0.000208	0.000106	0.000030	0.000128
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07
Maximum activity	0.000051	0.000049	0.000052	0.000054	0.000057	0.000059	0.000064	0.000066	0.000067	0.000068	0.000123	0.000074
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

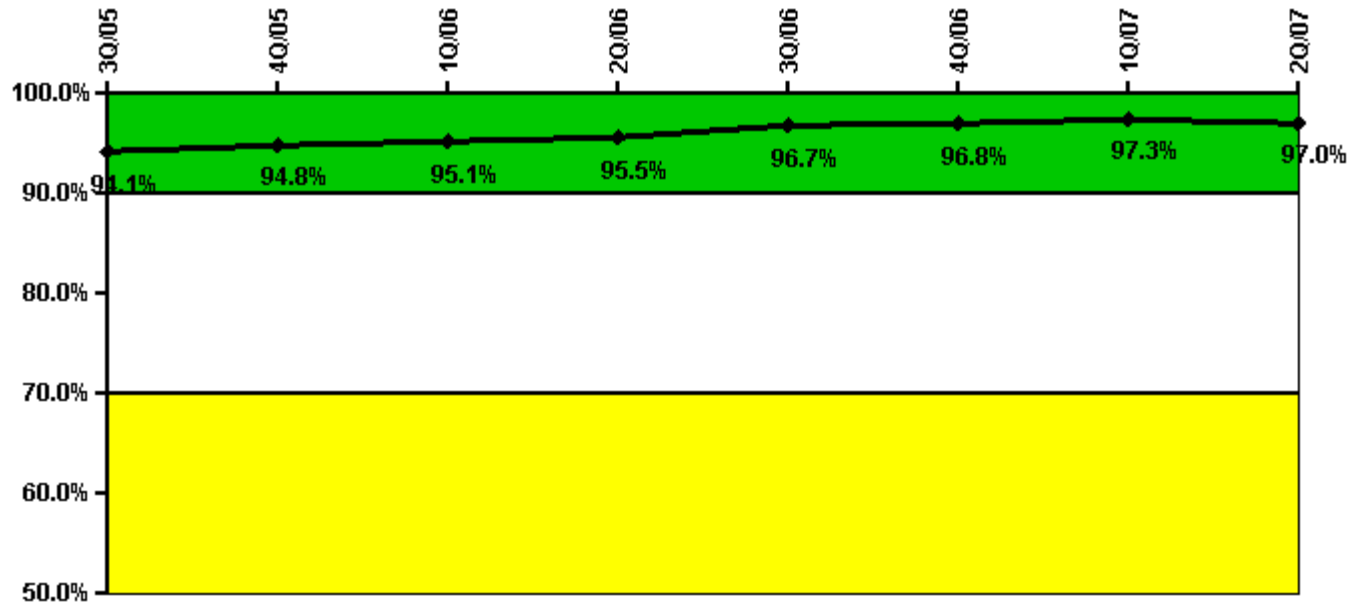
Notes

Reactor Coolant System Leakage	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06
Maximum leakage	0.140	0.150	0.150	0.150	0.130	0.120	0.140	0.120	0.140	0.130	0.050	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.4	1.5	1.5	1.5	1.3	1.2	1.4	1.2	1.4	1.3	0.5	0.4

Reactor Coolant System Leakage	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07
Maximum leakage	0.060	0.050	0.040	0.070	1.820	2.260	0.070	0.060	0.060	0.050	0.050	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.6	0.5	0.4	0.7	18.2	22.6	0.7	0.6	0.6	0.5	0.5	0.4

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

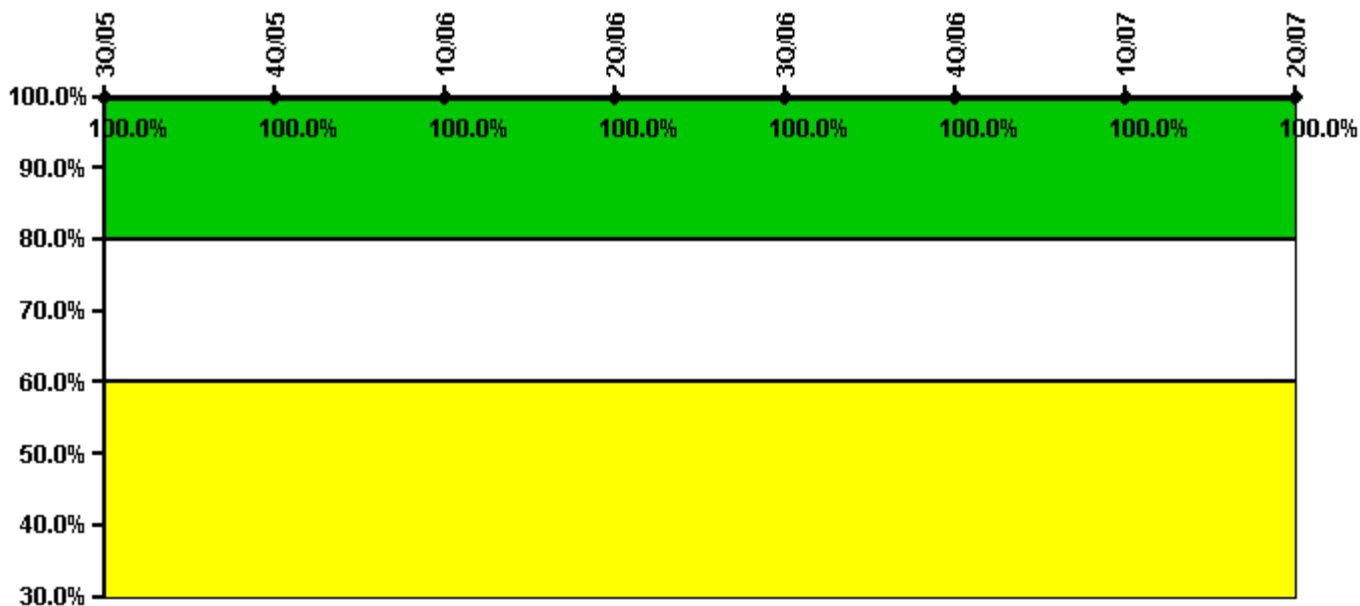
Notes

Drill/Exercise Performance	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Successful opportunities	34.0	34.0	10.0	15.0	62.0	13.0	20.0	38.0
Total opportunities	36.0	35.0	10.0	16.0	63.0	13.0	20.0	40.0
Indicator value	94.1%	94.8%	95.1%	95.5%	96.7%	96.8%	97.3%	97.0%

Licensee Comments:

1Q/07: The number of exercise opportunities and number of timely and accurate performances each increased by two for March 2007 data. This correction does not affect the color of the performance indicator.

ERO Drill Participation



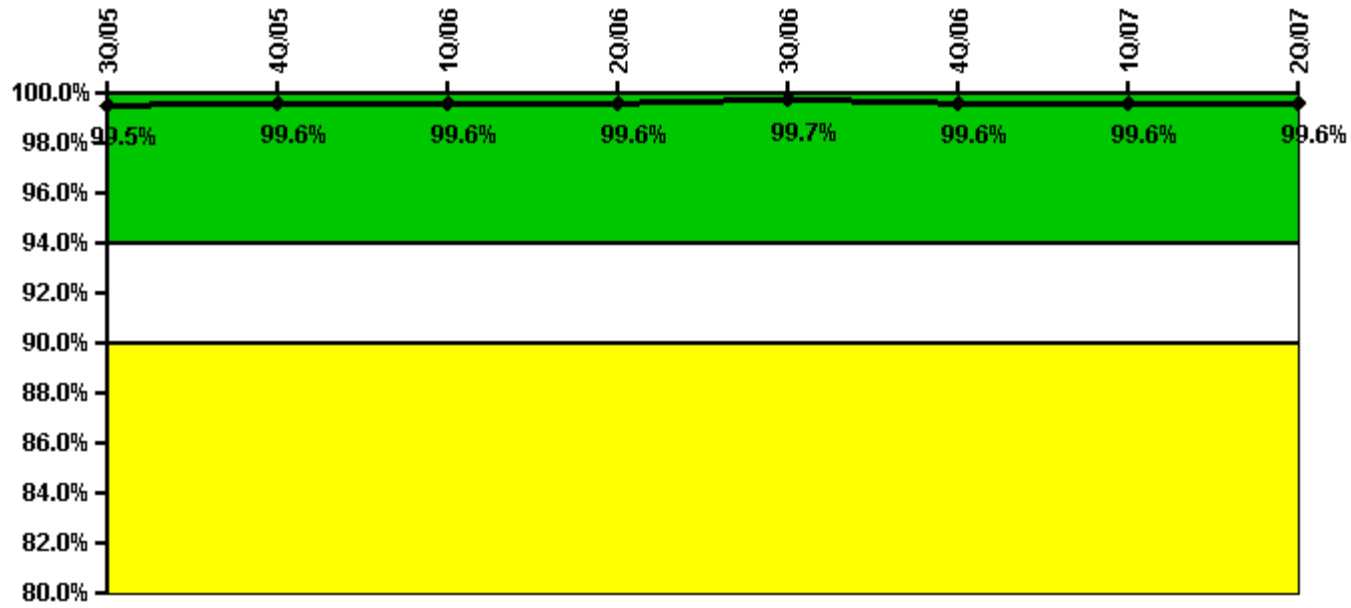
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Participating Key personnel	51.0	49.0	46.0	44.0	46.0	45.0	43.0	44.0
Total Key personnel	51.0	49.0	46.0	44.0	46.0	45.0	43.0	44.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



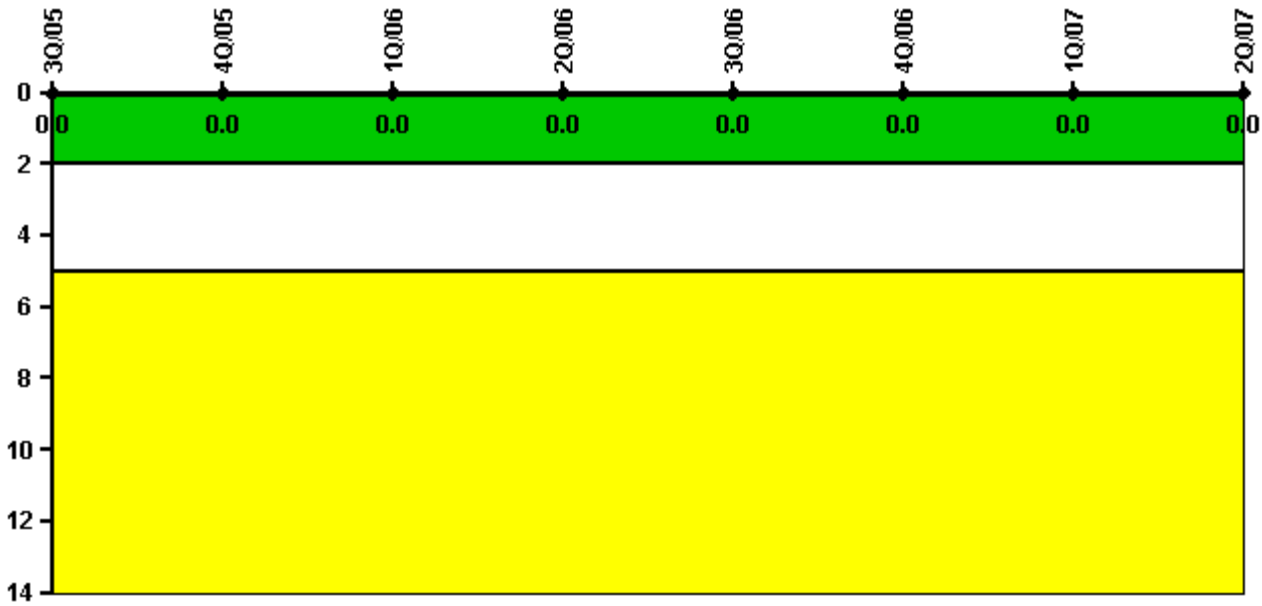
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Successful siren-tests	642	647	566	646	644	646	565	647
Total sirens-tests	648	648	567	648	648	648	567	648
Indicator value	99.5%	99.6%	99.6%	99.6%	99.7%	99.6%	99.6%	99.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness



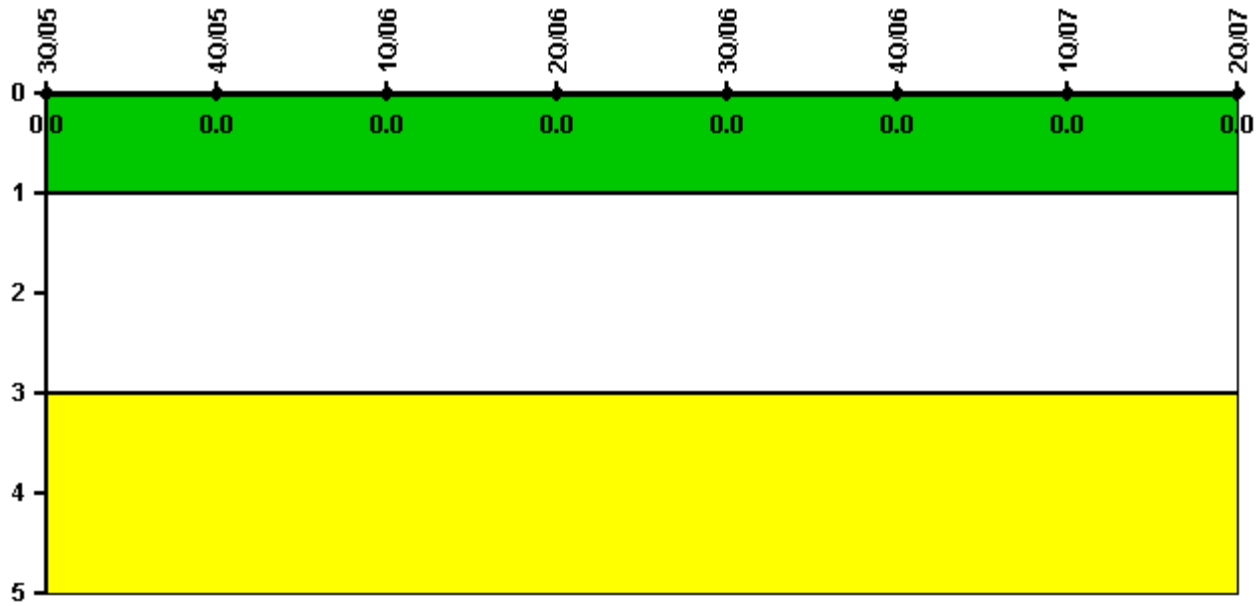
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/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	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/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.

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

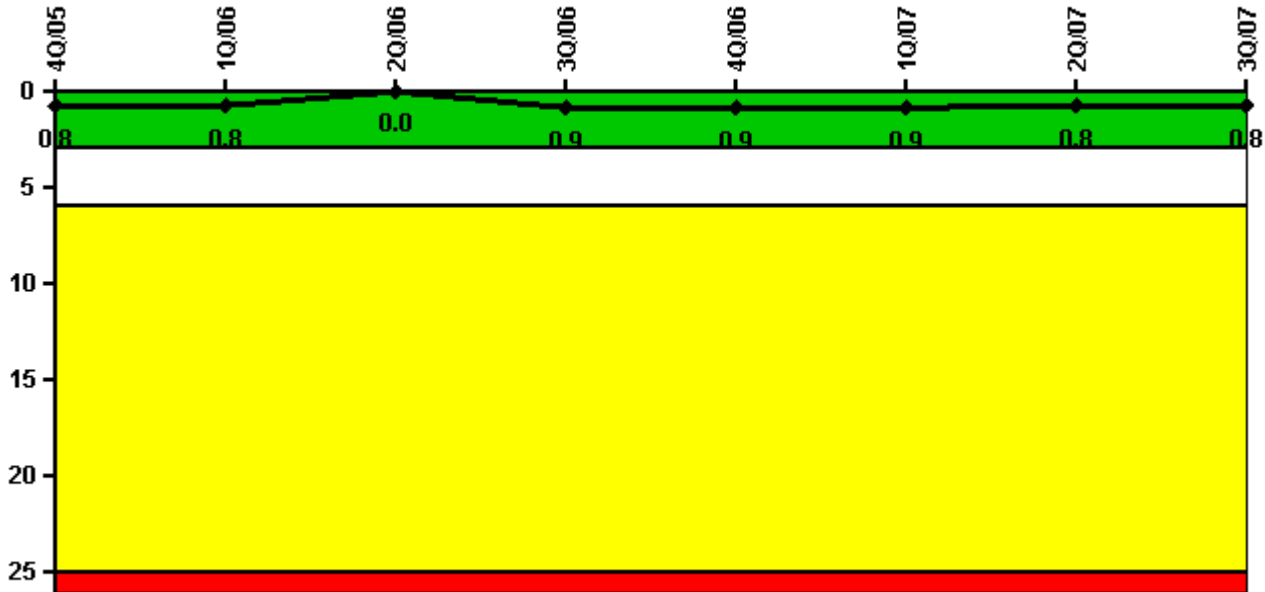
Last Modified: August 6, 2007

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3Q/2007 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



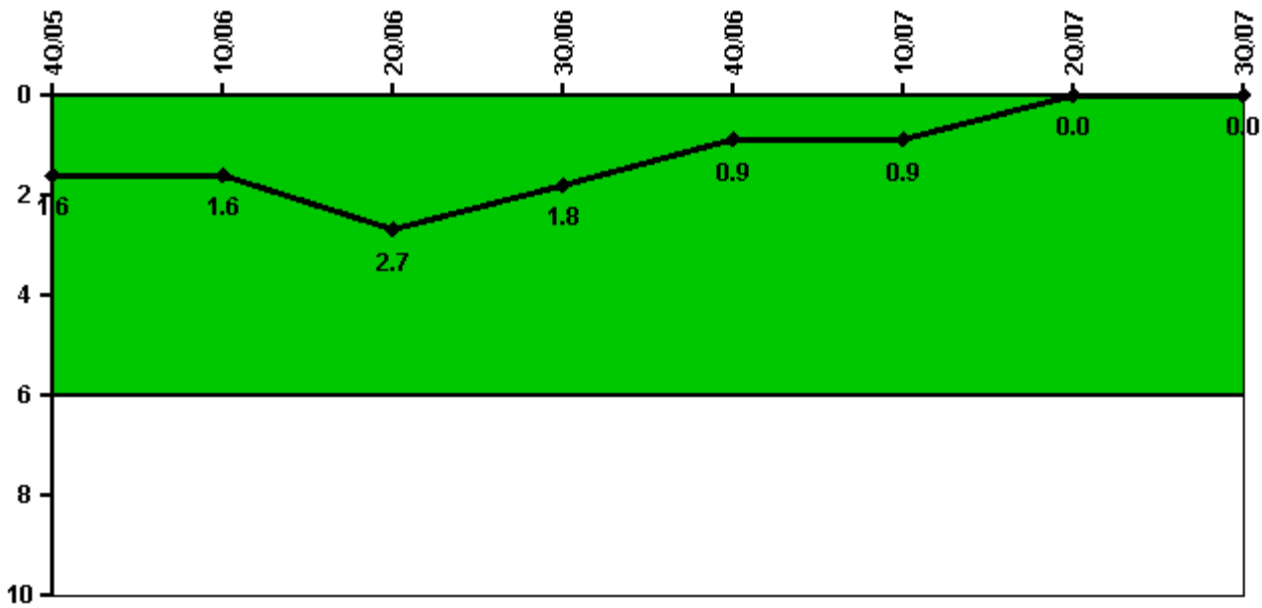
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Unplanned scrams	0	0	0	1.0	0	0	0	1.0
Critical hours	2209.0	2160.0	1273.3	2151.4	2209.0	2159.0	2184.0	2158.5
Indicator value	0.8	0.8	0	0.9	0.9	0.9	0.8	0.8

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



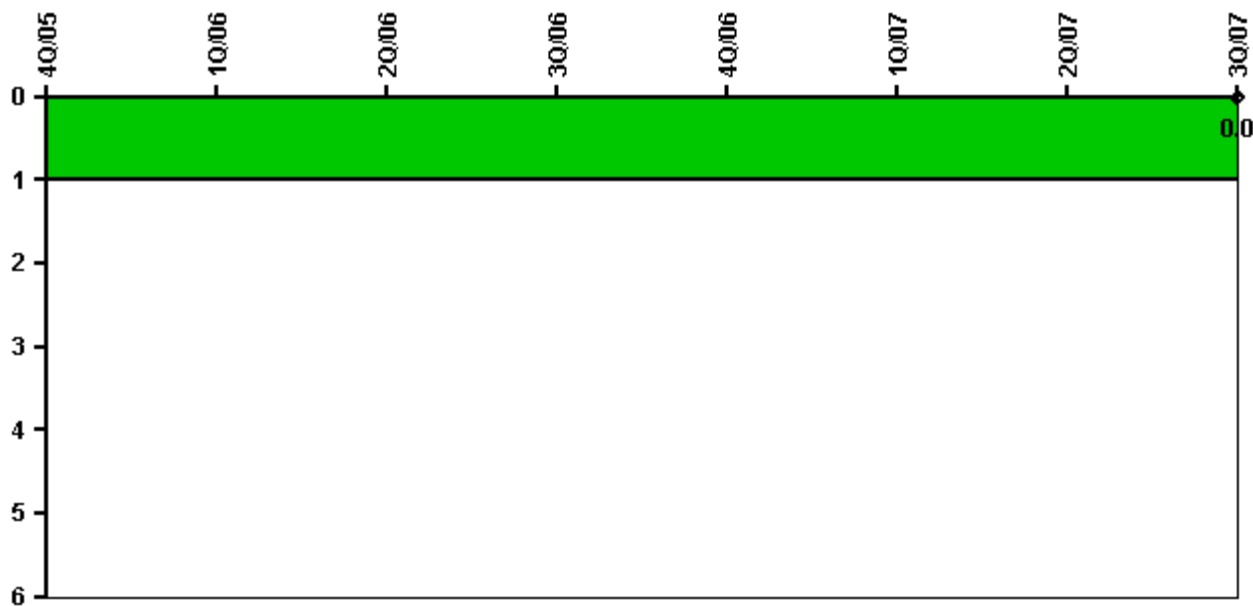
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Unplanned power changes	1.0	0	1.0	0	0	0	0	0
Critical hours	2209.0	2160.0	1273.3	2151.4	2209.0	2159.0	2184.0	2158.5
Indicator value	1.6	1.6	2.7	1.8	0.9	0.9	0	0

Licensee Comments: none

Unplanned Scrams with Complications



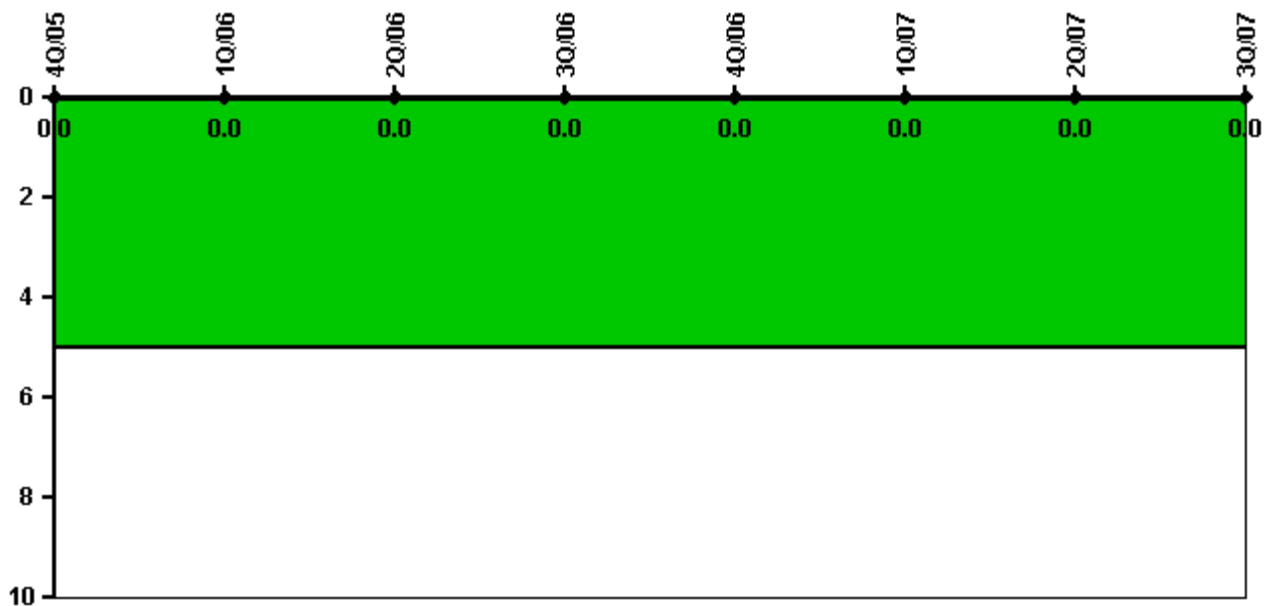
Thresholds: White > 1.0

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	0	0
Indicator value								0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



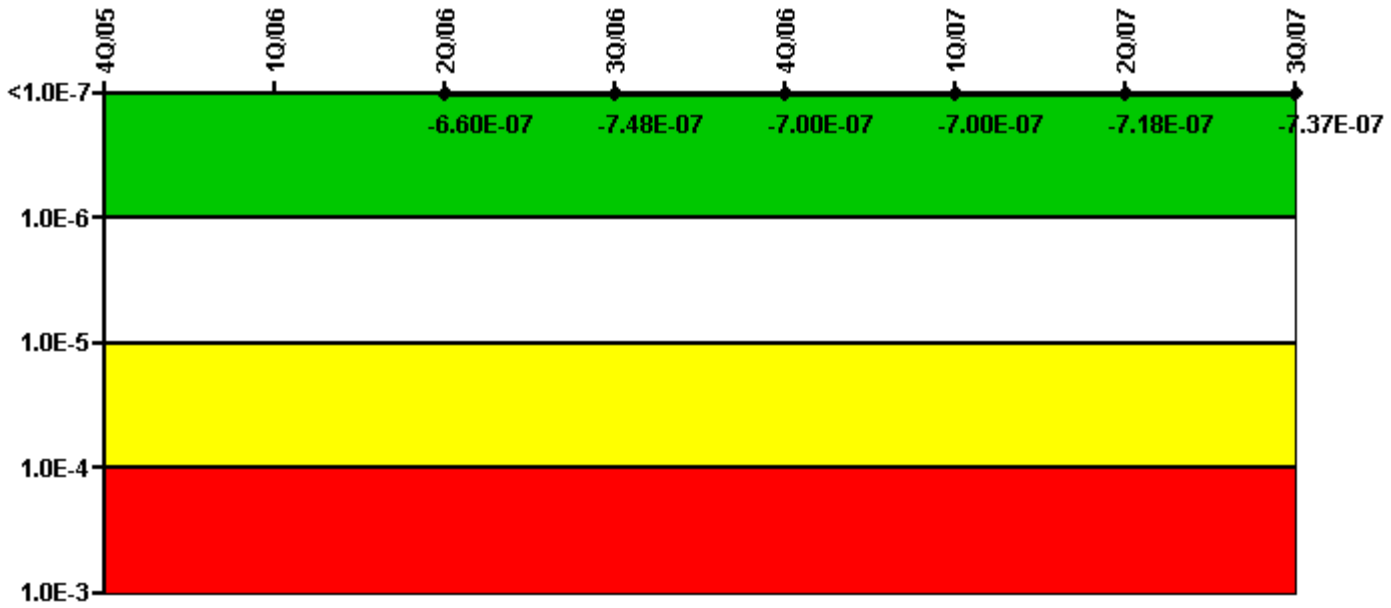
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



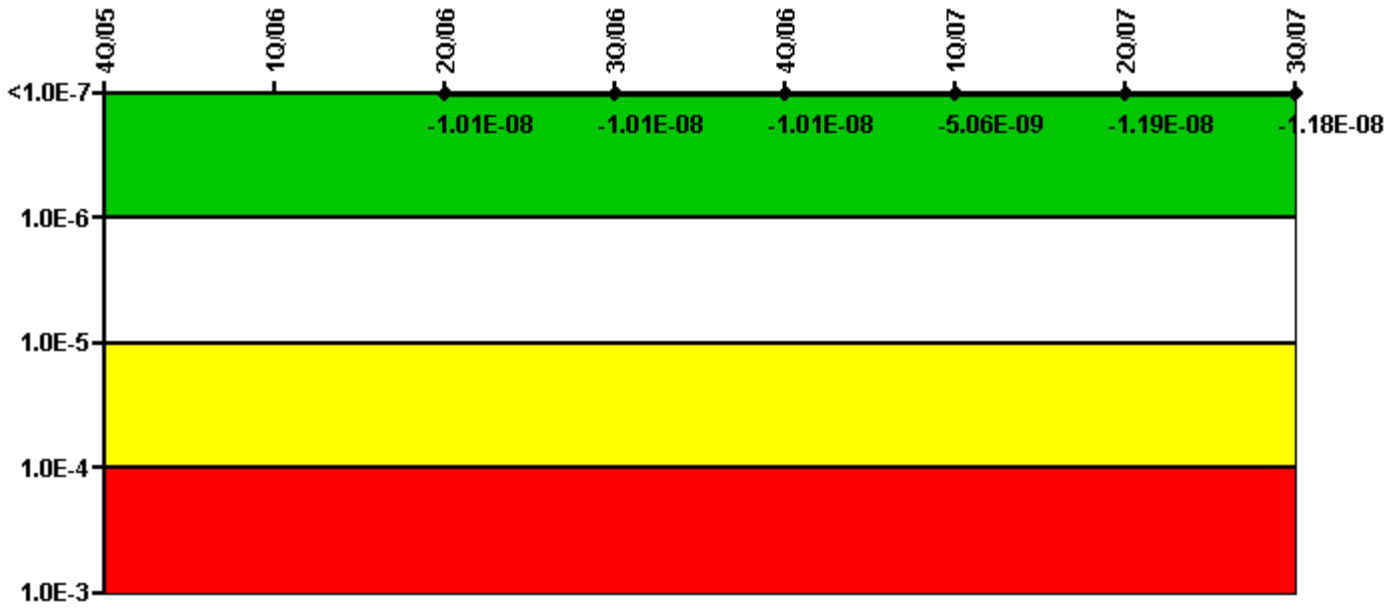
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI (Δ CDF)			1.50E-07	6.20E-08	1.10E-07	1.10E-07	9.20E-08	8.30E-08
URI (Δ CDF)			-8.10E-07	-8.10E-07	-8.10E-07	-8.10E-07	-8.10E-07	-8.20E-07
PLE			NO	NO	NO	NO	NO	NO
Indicator value			-6.60E-07	-7.48E-07	-7.00E-07	-7.00E-07	-7.18E-07	-7.37E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



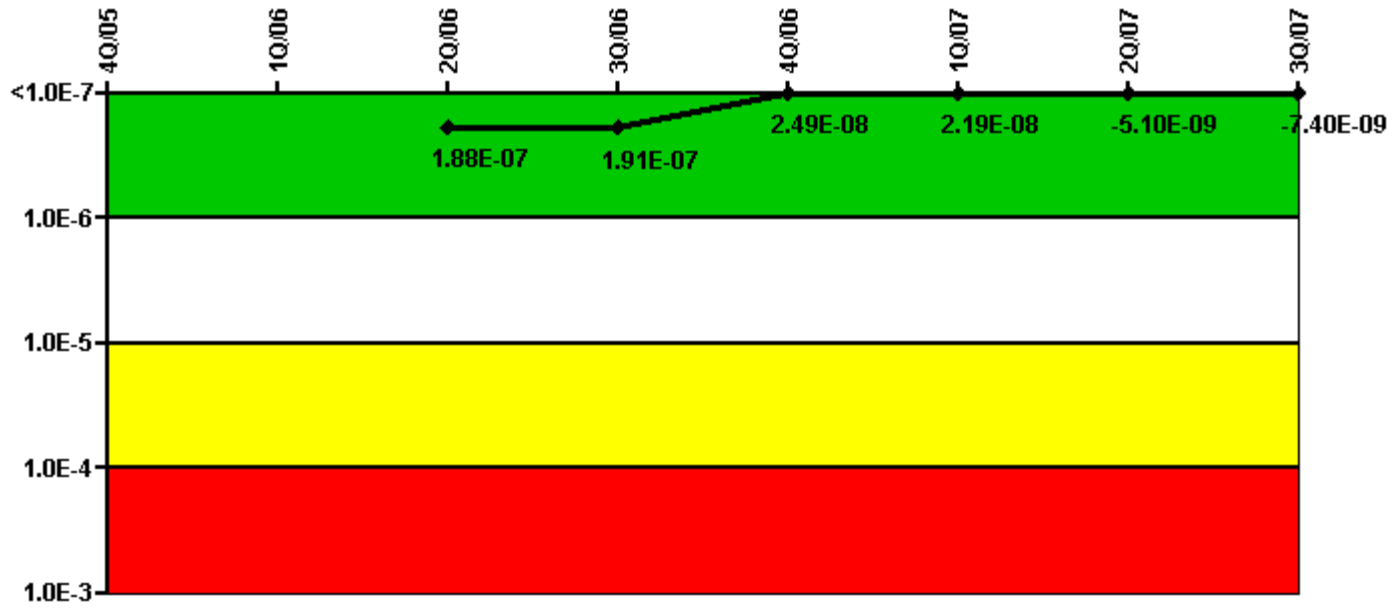
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI (Δ CDF)			-1.20E-09	-1.20E-09	-1.20E-09	-8.60E-10	-8.80E-10	-7.80E-10
URI (Δ CDF)			-8.90E-09	-8.90E-09	-8.90E-09	-4.20E-09	-1.10E-08	-1.10E-08
PLE			NO	NO	NO	NO	NO	NO
Indicator value			-1.01E-08	-1.01E-08	-1.01E-08	-5.06E-09	-1.19E-08	-1.18E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



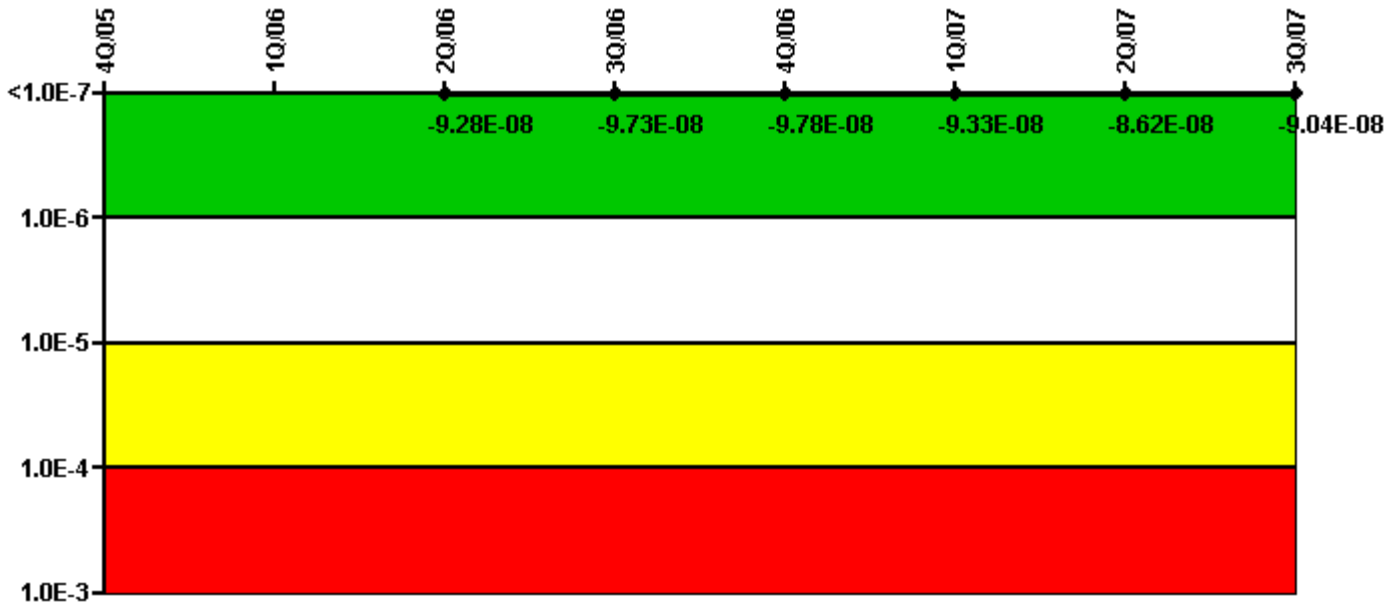
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI (Δ CDF)			3.80E-08	4.10E-08	1.90E-08	1.60E-08	-1.20E-08	-1.20E-08
URI (Δ CDF)			1.50E-07	1.50E-07	5.90E-09	5.90E-09	6.90E-09	4.60E-09
PLE			NO	NO	NO	NO	NO	NO
Indicator value			1.88E-07	1.91E-07	2.49E-08	2.19E-08	-5.10E-09	-7.40E-09

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



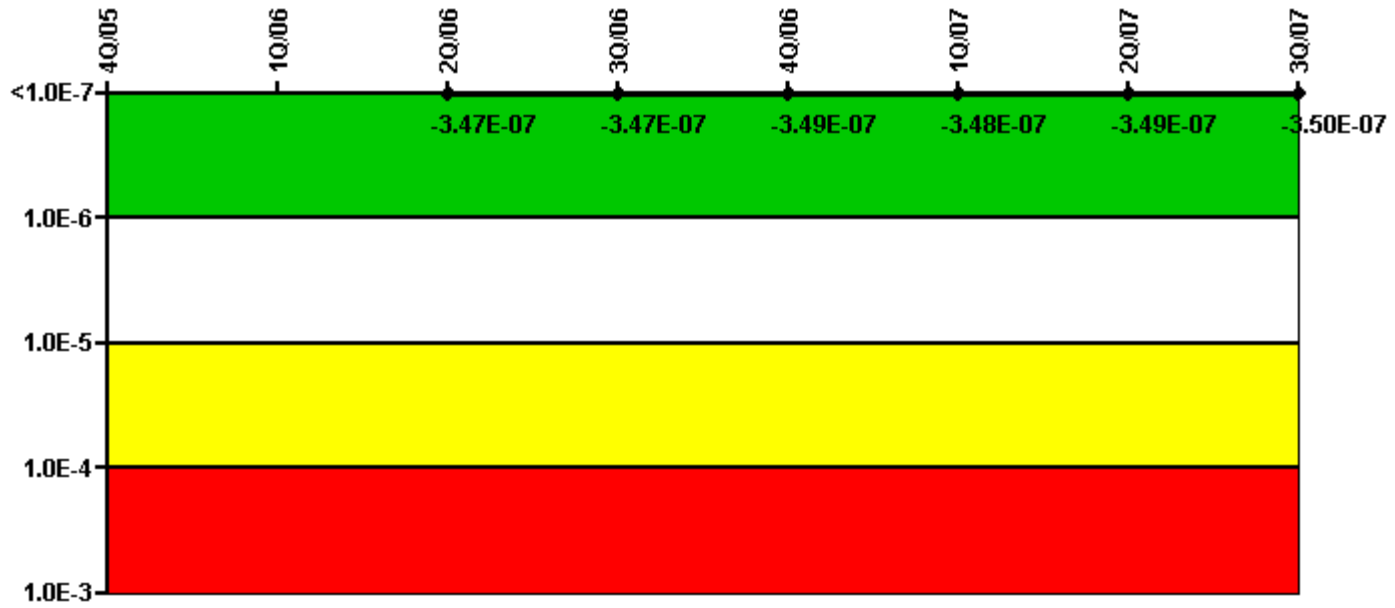
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI (Δ CDF)			3.20E-09	-1.30E-09	-1.80E-09	2.70E-09	9.80E-09	5.60E-09
URI (Δ CDF)			-9.60E-08	-9.60E-08	-9.60E-08	-9.60E-08	-9.60E-08	-9.60E-08
PLE			NO	NO	NO	NO	NO	NO
Indicator value			-9.28E-08	-9.73E-08	-9.78E-08	-9.33E-08	-8.62E-08	-9.04E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



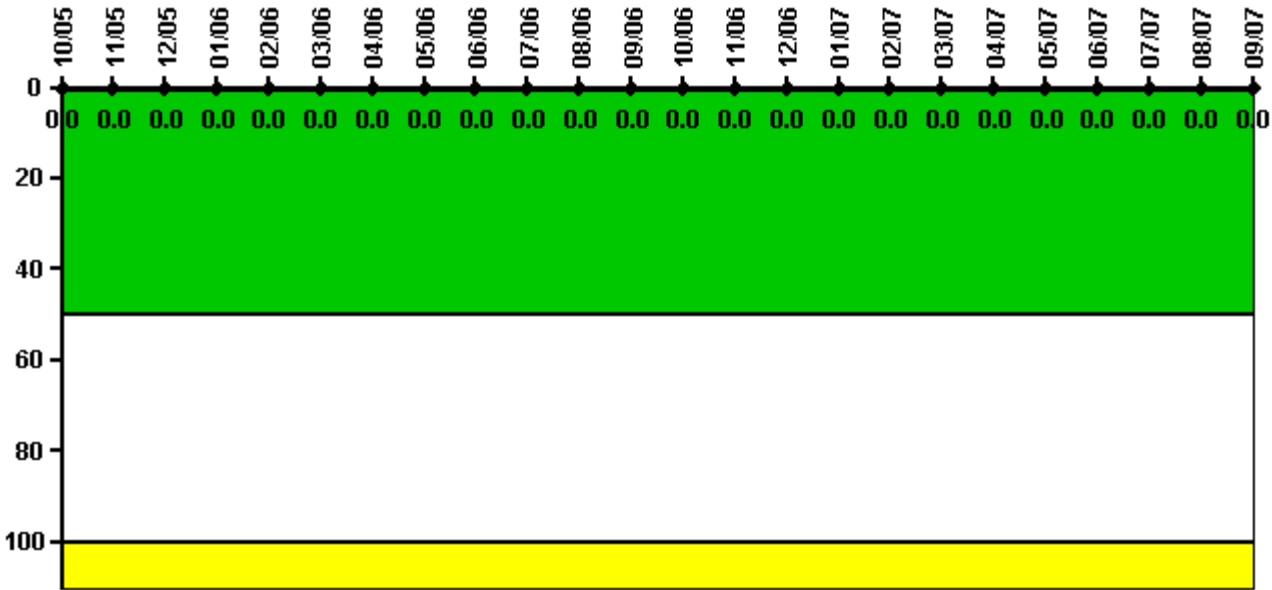
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI (Δ CDF)			2.60E-09	3.30E-09	1.10E-09	2.30E-09	7.20E-10	1.30E-10
URI (Δ CDF)			-3.50E-07	-3.50E-07	-3.50E-07	-3.50E-07	-3.50E-07	-3.50E-07
PLE			NO	NO	NO	NO	NO	NO
Indicator value			-3.47E-07	-3.47E-07	-3.49E-07	-3.48E-07	-3.49E-07	-3.50E-07

Licensee Comments: none

Reactor Coolant System Activity



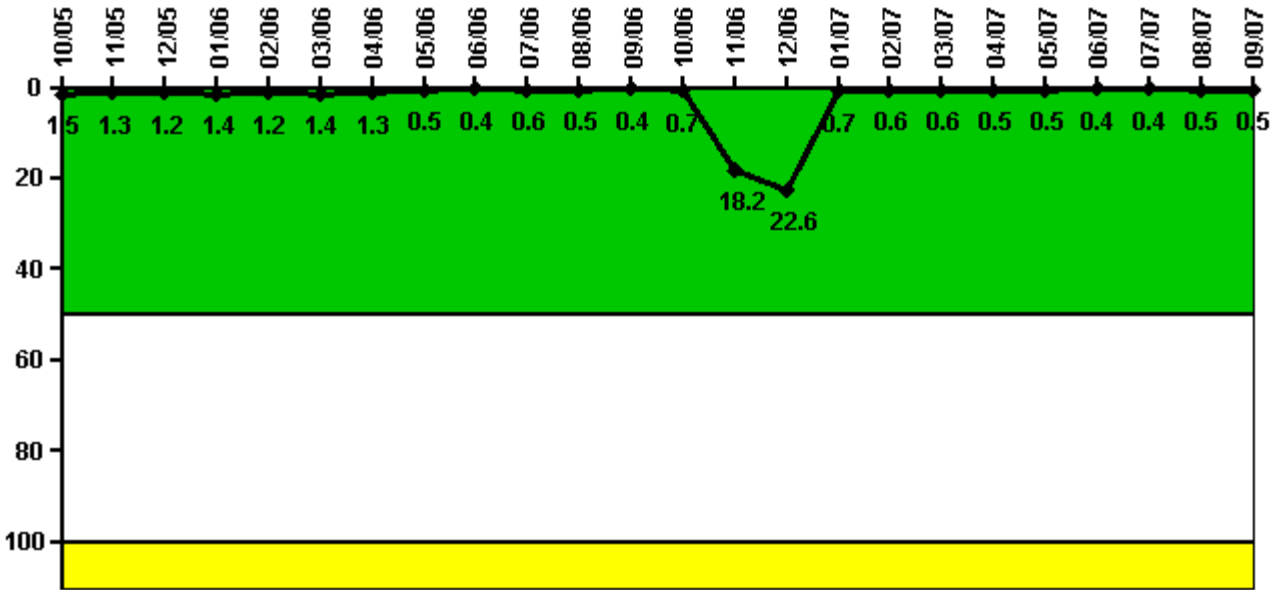
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06
Maximum activity	0.000084	0.000090	0.000092	0.000098	0.000318	0.000208	0.000106	0.000030	0.000128	0.000051	0.000049	0.000052
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07
Maximum activity	0.000054	0.000057	0.000059	0.000064	0.000066	0.000067	0.000068	0.000123	0.000074	0.000077	0.000079	0.000116
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



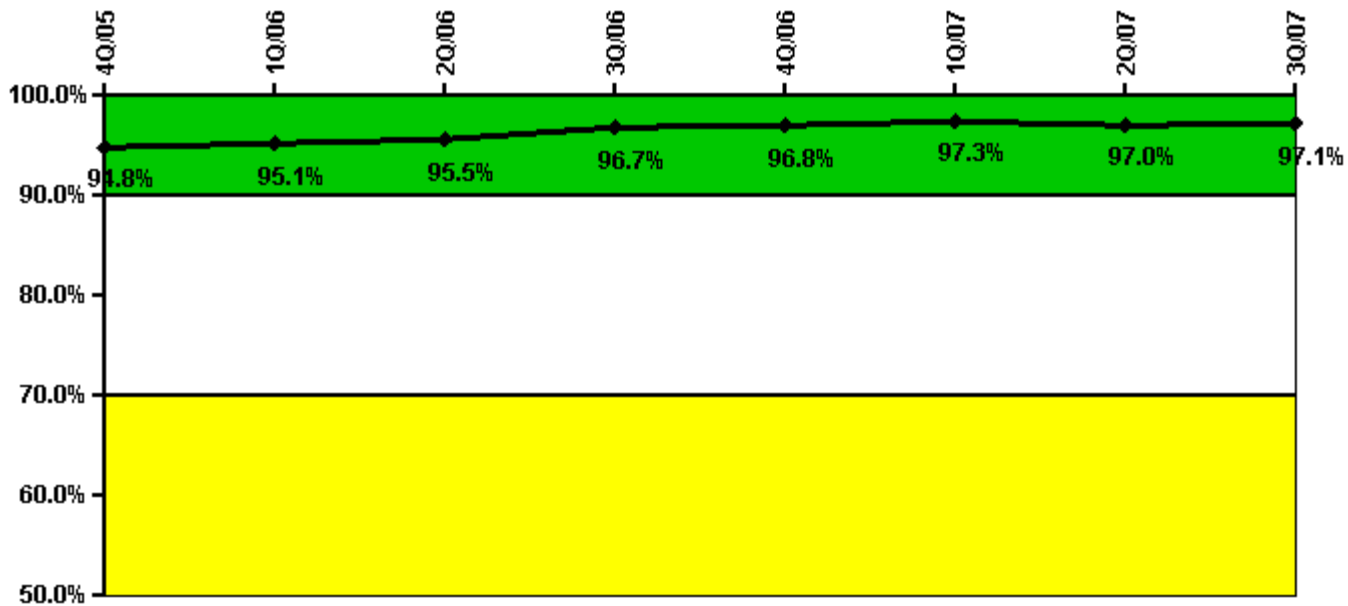
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06
Maximum leakage	0.150	0.130	0.120	0.140	0.120	0.140	0.130	0.050	0.040	0.060	0.050	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.5	1.3	1.2	1.4	1.2	1.4	1.3	0.5	0.4	0.6	0.5	0.4
Reactor Coolant System Leakage	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07
Maximum leakage	0.070	1.820	2.260	0.070	0.060	0.060	0.050	0.050	0.040	0.040	0.050	0.050
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.7	18.2	22.6	0.7	0.6	0.6	0.5	0.5	0.4	0.4	0.5	0.5

Licensee Comments: none

Drill/Exercise Performance



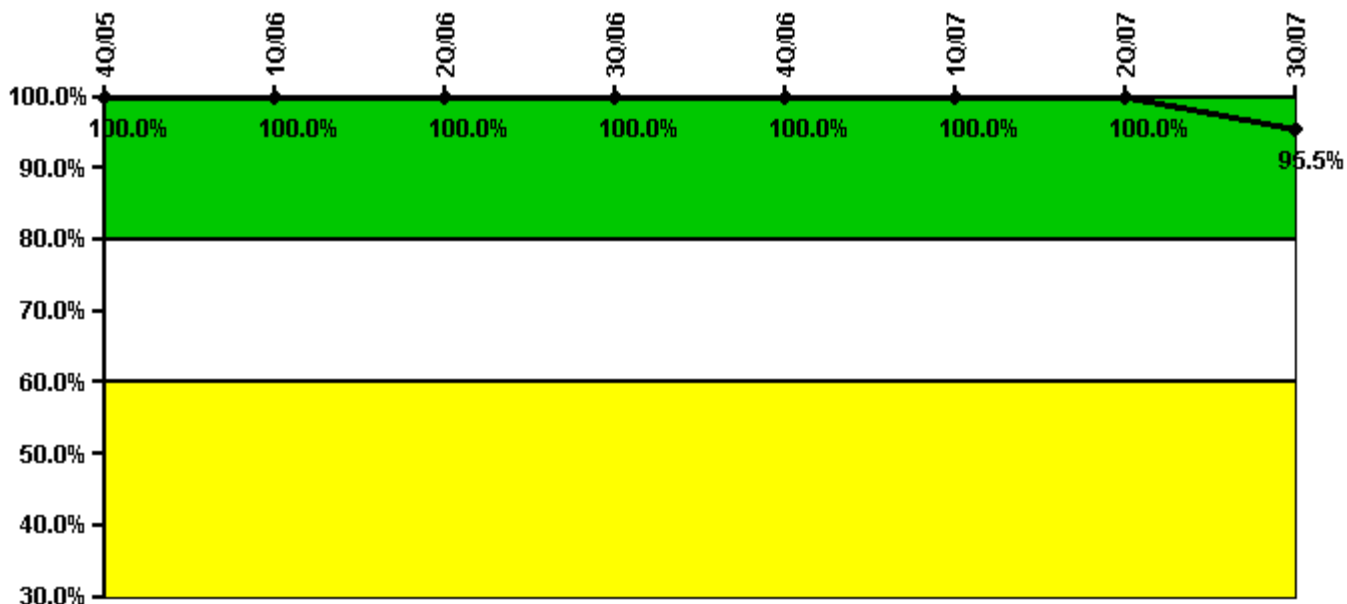
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Successful opportunities	34.0	10.0	15.0	62.0	13.0	20.0	38.0	9.0
Total opportunities	35.0	10.0	16.0	63.0	13.0	20.0	40.0	10.0
Indicator value	94.8%	95.1%	95.5%	96.7%	96.8%	97.3%	97.0%	97.1%

Licensee Comments: none

ERO Drill Participation



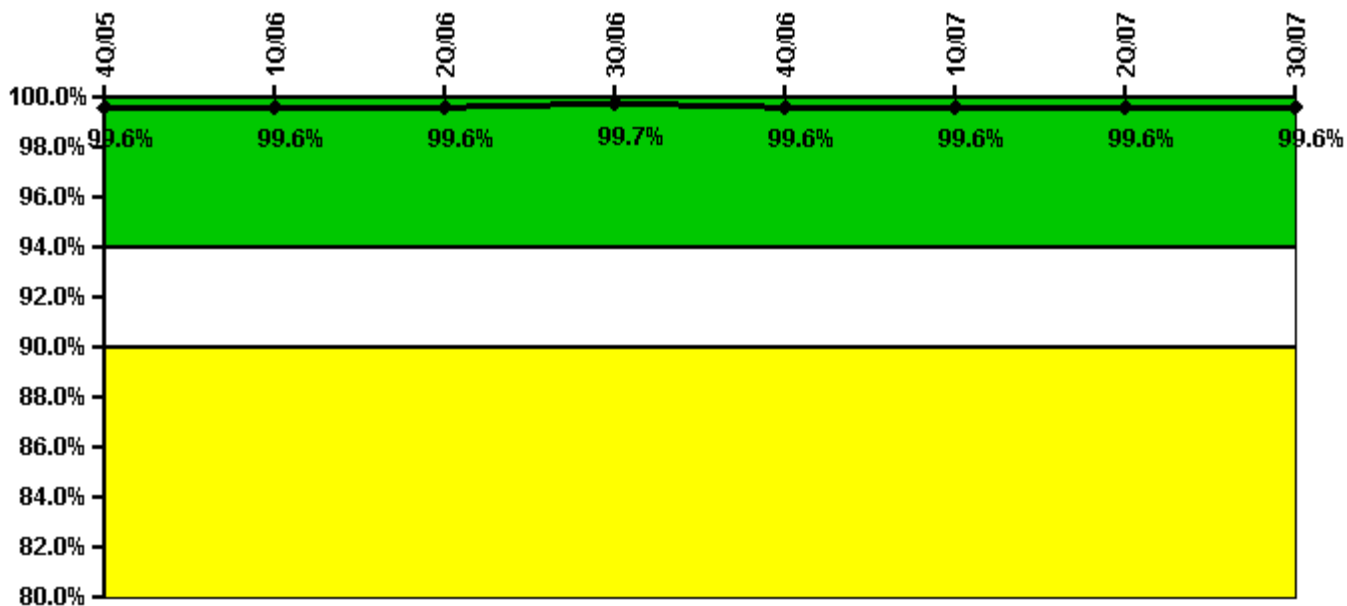
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Participating Key personnel	49.0	46.0	44.0	46.0	45.0	43.0	44.0	42.0
Total Key personnel	49.0	46.0	44.0	46.0	45.0	43.0	44.0	44.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	95.5%

Licensee Comments: none

Alert & Notification System



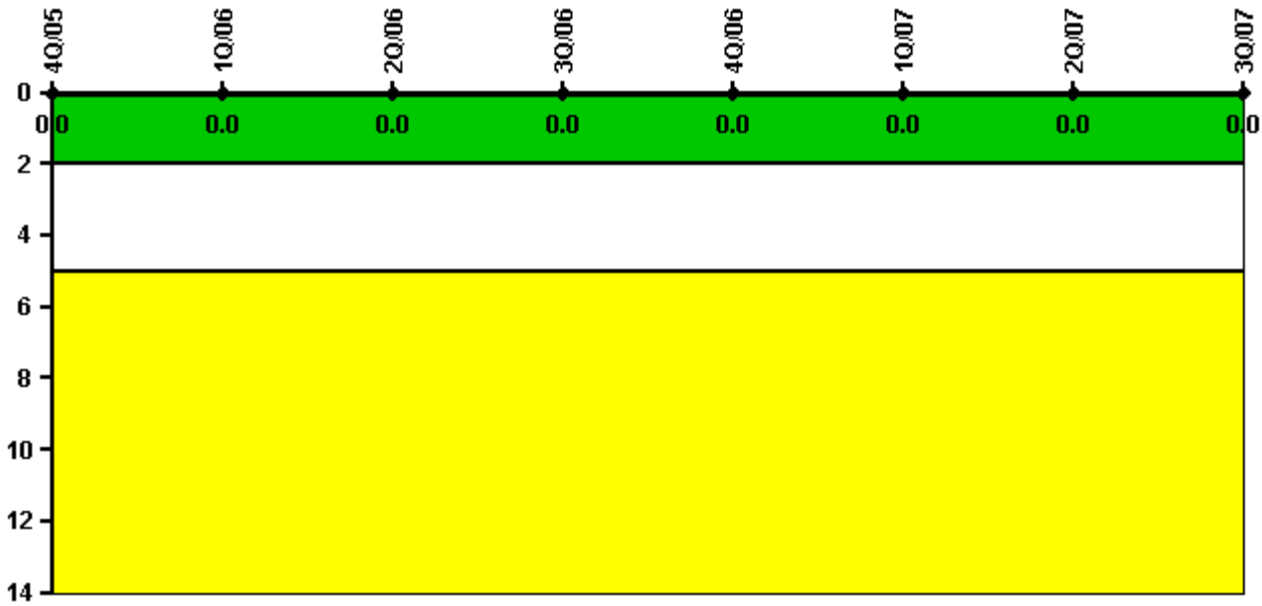
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Successful siren-tests	647	566	646	644	646	565	647	644
Total sirens-tests	648	567	648	648	648	567	648	648
Indicator value	99.6%	99.6%	99.6%	99.7%	99.6%	99.6%	99.6%	99.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness



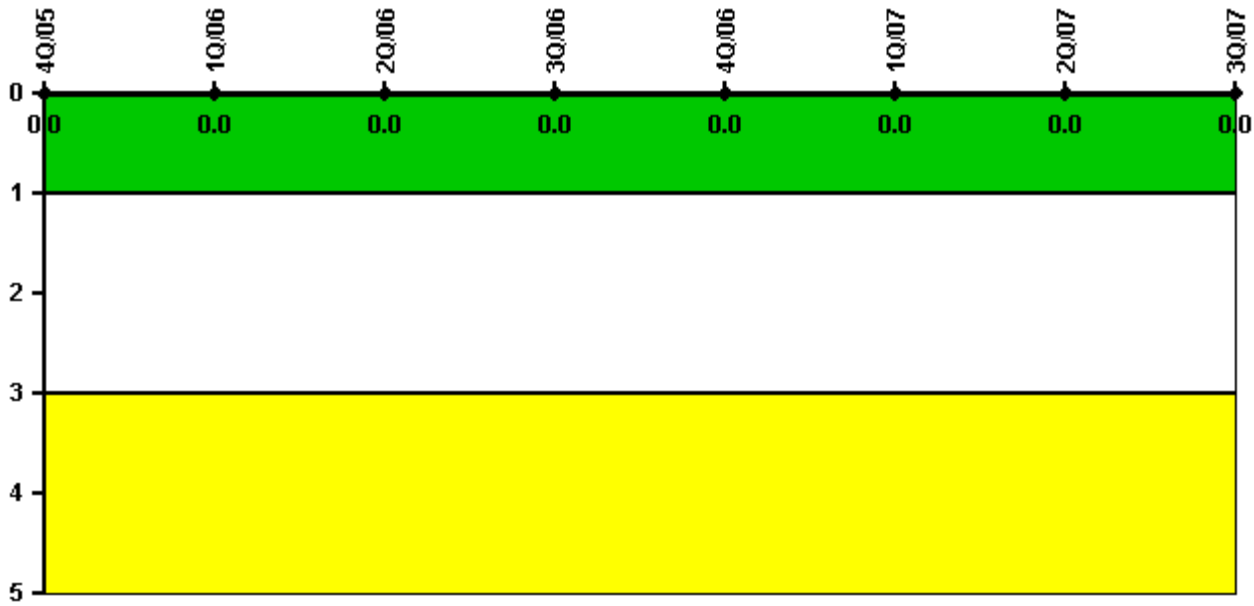
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/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	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/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

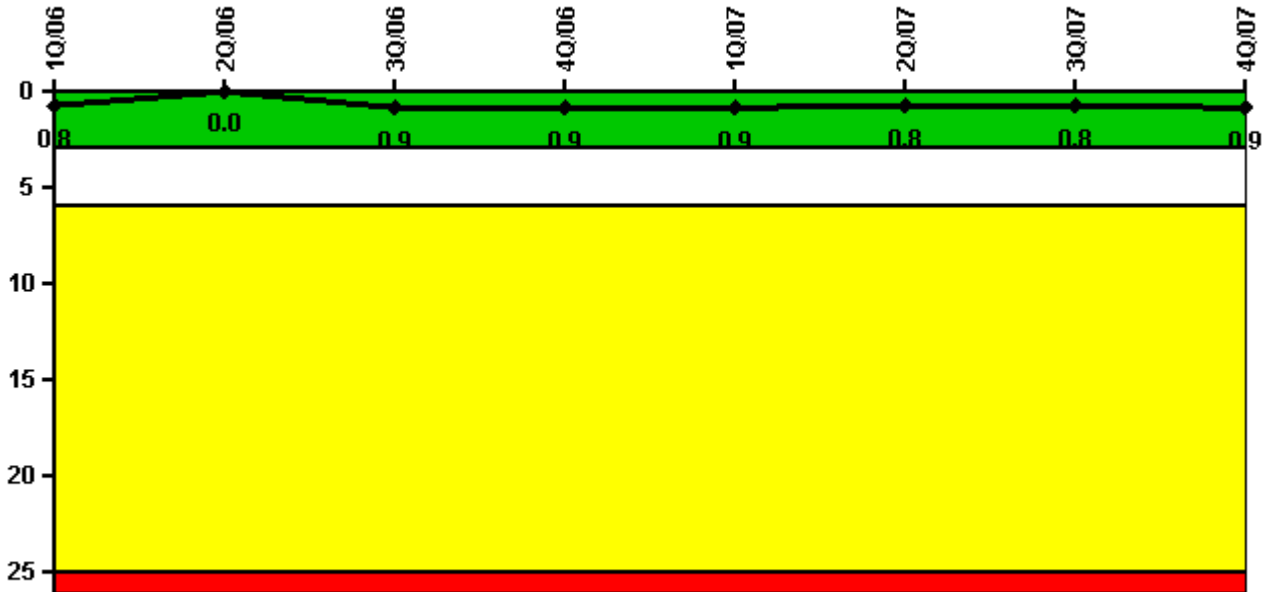
[Physical Protection](#) information not publicly available.

Harris 1

4Q/2007 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



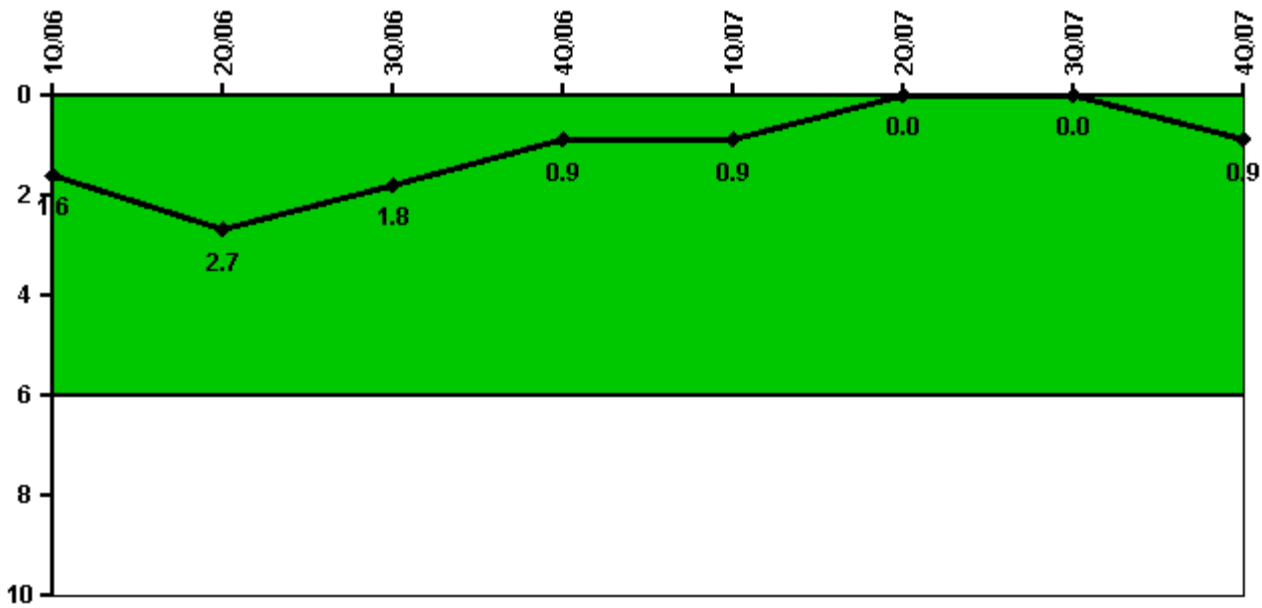
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Unplanned scrams	0	0	1.0	0	0	0	1.0	0
Critical hours	2160.0	1273.3	2151.4	2209.0	2159.0	2184.0	2158.5	1688.1
Indicator value	0.8	0	0.9	0.9	0.9	0.8	0.8	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



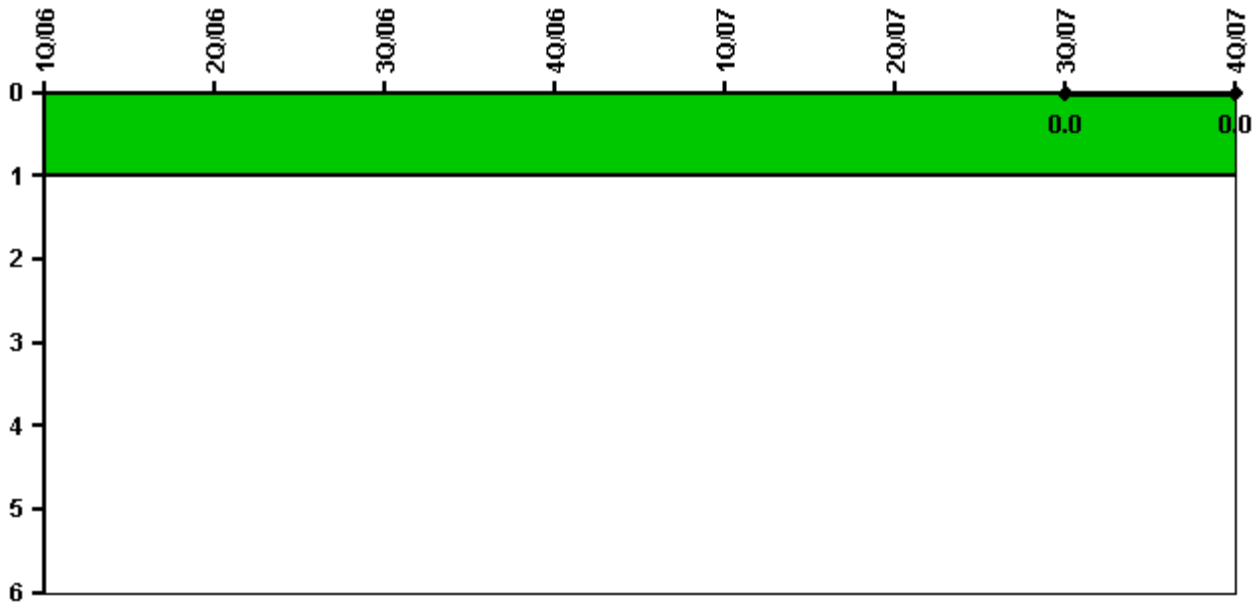
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Unplanned power changes	0	1.0	0	0	0	0	0	1.0
Critical hours	2160.0	1273.3	2151.4	2209.0	2159.0	2184.0	2158.5	1688.1
Indicator value	1.6	2.7	1.8	0.9	0.9	0	0	0.9

Licensee Comments: none

Unplanned Scrams with Complications



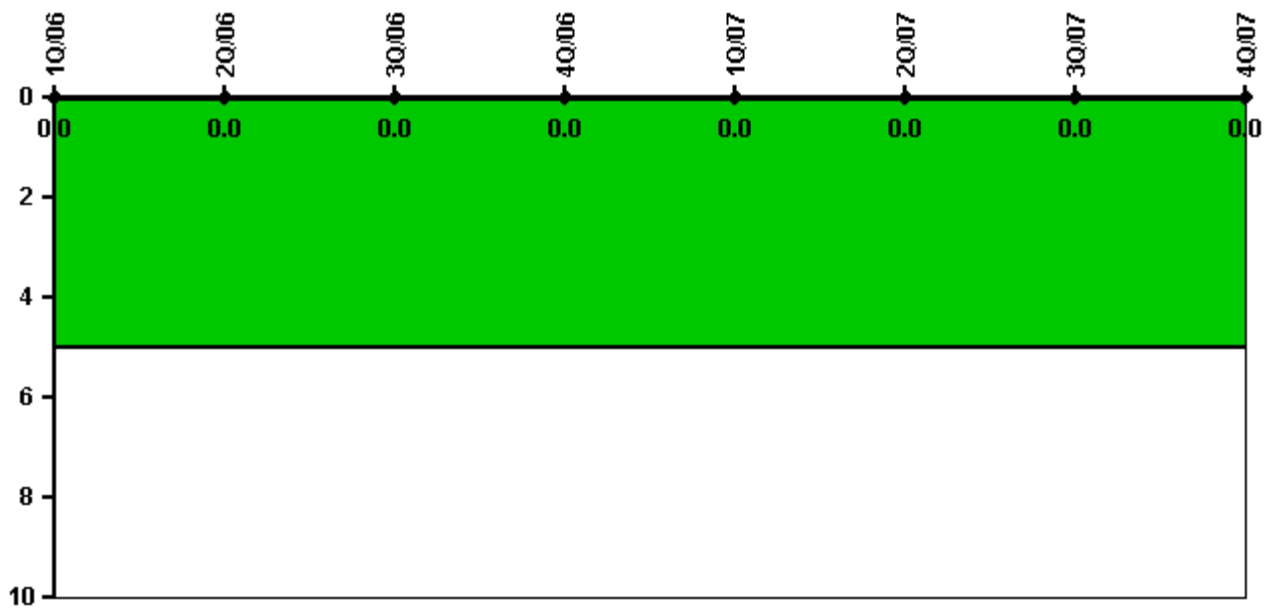
Thresholds: White > 1.0

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	0	0	0
Indicator value							0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



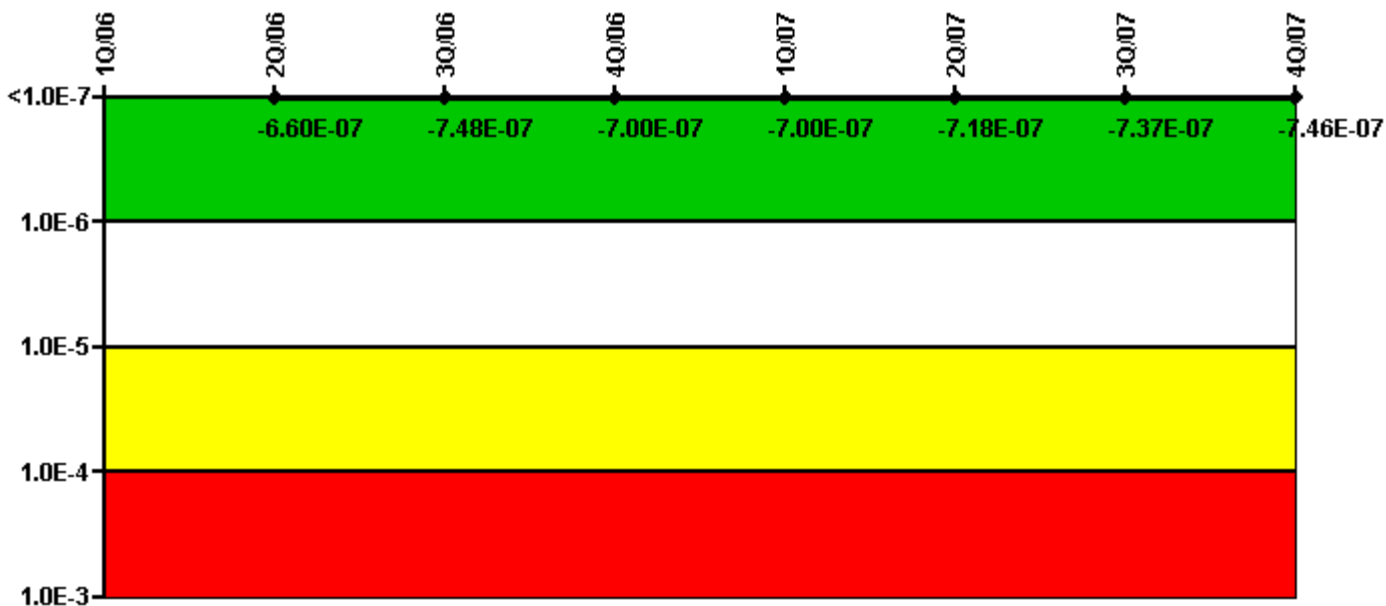
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



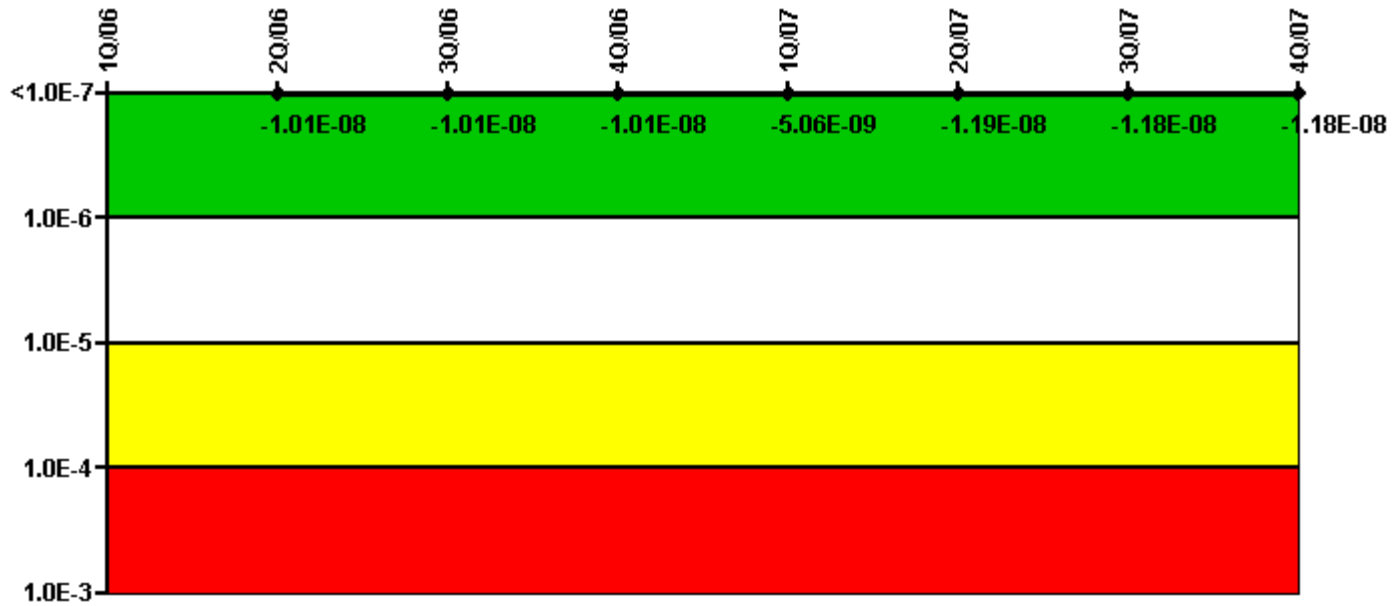
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI (Δ CDF)		$1.50E-07$	$6.20E-08$	$1.10E-07$	$1.10E-07$	$9.20E-08$	$8.30E-08$	$7.40E-08$
URI (Δ CDF)		$-8.10E-07$	$-8.10E-07$	$-8.10E-07$	$-8.10E-07$	$-8.10E-07$	$-8.20E-07$	$-8.20E-07$
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		$-6.60E-07$	$-7.48E-07$	$-7.00E-07$	$-7.00E-07$	$-7.18E-07$	$-7.37E-07$	$-7.46E-07$

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



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

Notes

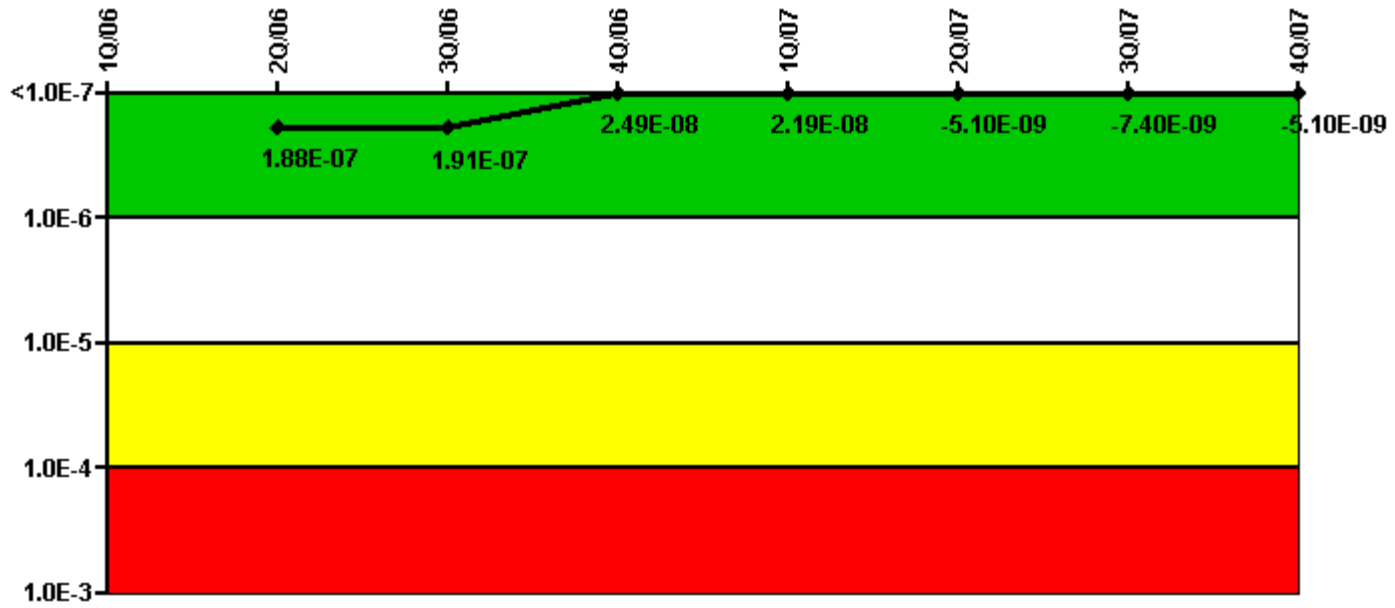
Mitigating Systems Performance Index, High Pressure Injection System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI (Δ CDF)		$-1.20E-09$	$-1.20E-09$	$-1.20E-09$	$-8.60E-10$	$-8.80E-10$	$-7.80E-10$	$-8.40E-10$
URI (Δ CDF)		$-8.90E-09$	$-8.90E-09$	$-8.90E-09$	$-4.20E-09$	$-1.10E-08$	$-1.10E-08$	$-1.10E-08$
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		$-1.01E-08$	$-1.01E-08$	$-1.01E-08$	$-5.06E-09$	$-1.19E-08$	$-1.18E-08$	$-1.18E-08$

Licensee Comments:

4Q/07: Historical data for Planned Unavailability changed for Train A in Oct 2005, May 2007 and Sep 2007 and for Train B in Mar 2006 and Oct 2006 due to incorrect calculation of planned unavailability. Color change did not occur and a change file was not created by CDE as the added hours were not enough to impact the indicator.

4Q/06: Historical data for Planned Unavailability changed for Train A in Oct 2005, May 2007 and Sep 2007 and for Train B in Mar 2006 and Oct 2006 due to incorrect calculation of Planned Unavailability. Color change did not occur.

Mitigating Systems Performance Index, Heat Removal System



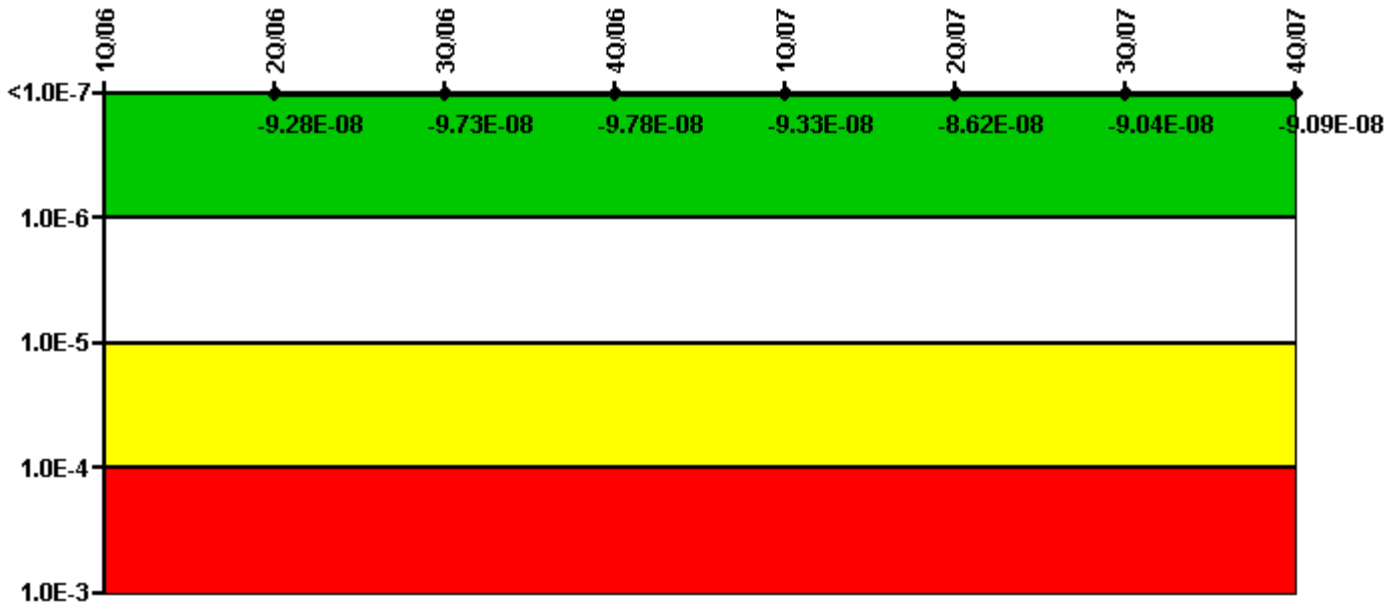
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

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)		$3.80E-08$	$4.10E-08$	$1.90E-08$	$1.60E-08$	$-1.20E-08$	$-1.20E-08$	$-9.70E-09$
URI (Δ CDF)		$1.50E-07$	$1.50E-07$	$5.90E-09$	$5.90E-09$	$6.90E-09$	$4.60E-09$	$4.60E-09$
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		$1.88E-07$	$1.91E-07$	$2.49E-08$	$2.19E-08$	$-5.10E-09$	$-7.40E-09$	$-5.10E-09$

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



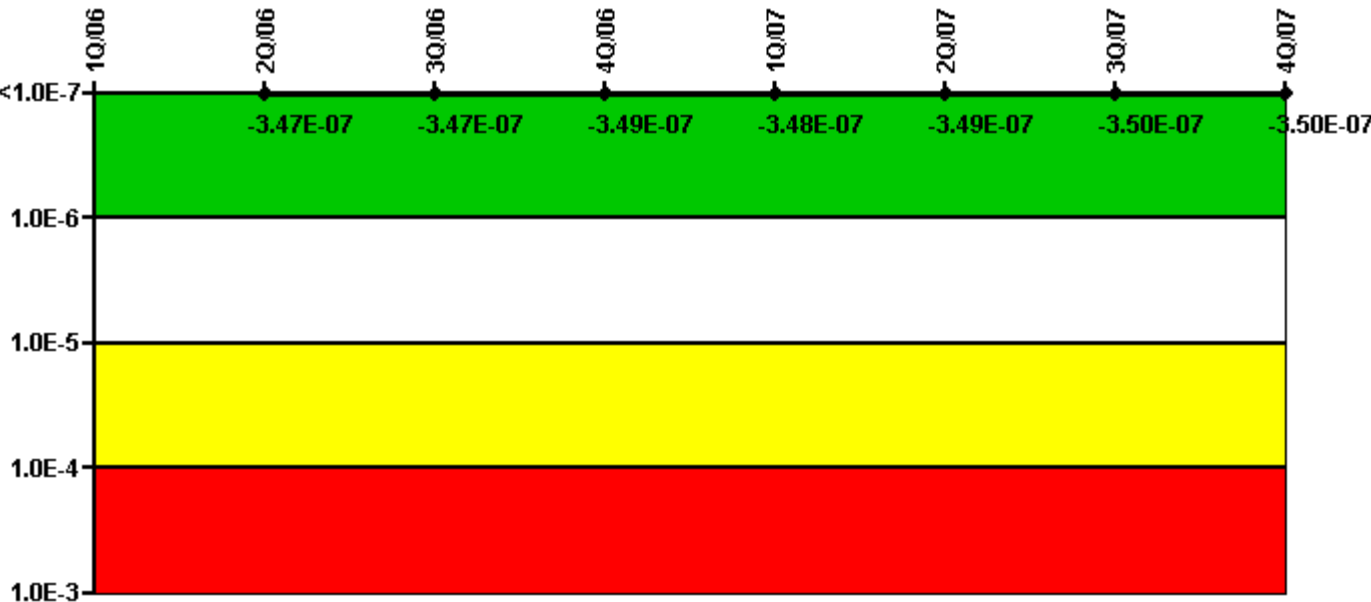
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)		3.20E-09	-1.30E-09	-1.80E-09	2.70E-09	9.80E-09	5.60E-09	5.10E-09
URI (Δ CDF)		-9.60E-08	-9.60E-08	-9.60E-08	-9.60E-08	-9.60E-08	-9.60E-08	-9.60E-08
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		-9.28E-08	-9.73E-08	-9.78E-08	-9.33E-08	-8.62E-08	-9.04E-08	-9.09E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



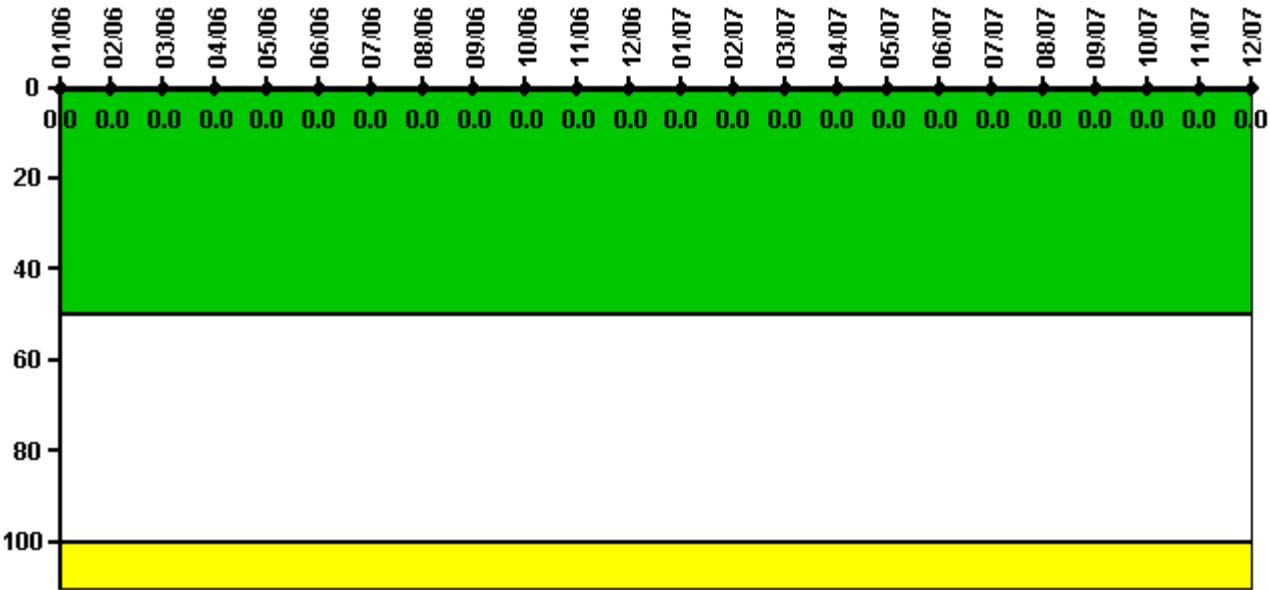
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI (ΔCDF)		2.60E-09	3.30E-09	1.10E-09	2.30E-09	7.20E-10	1.30E-10	3.40E-10
URI (ΔCDF)		-3.50E-07	-3.50E-07	-3.50E-07	-3.50E-07	-3.50E-07	-3.50E-07	-3.50E-07
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		-3.47E-07	-3.47E-07	-3.49E-07	-3.48E-07	-3.49E-07	-3.50E-07	-3.50E-07

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

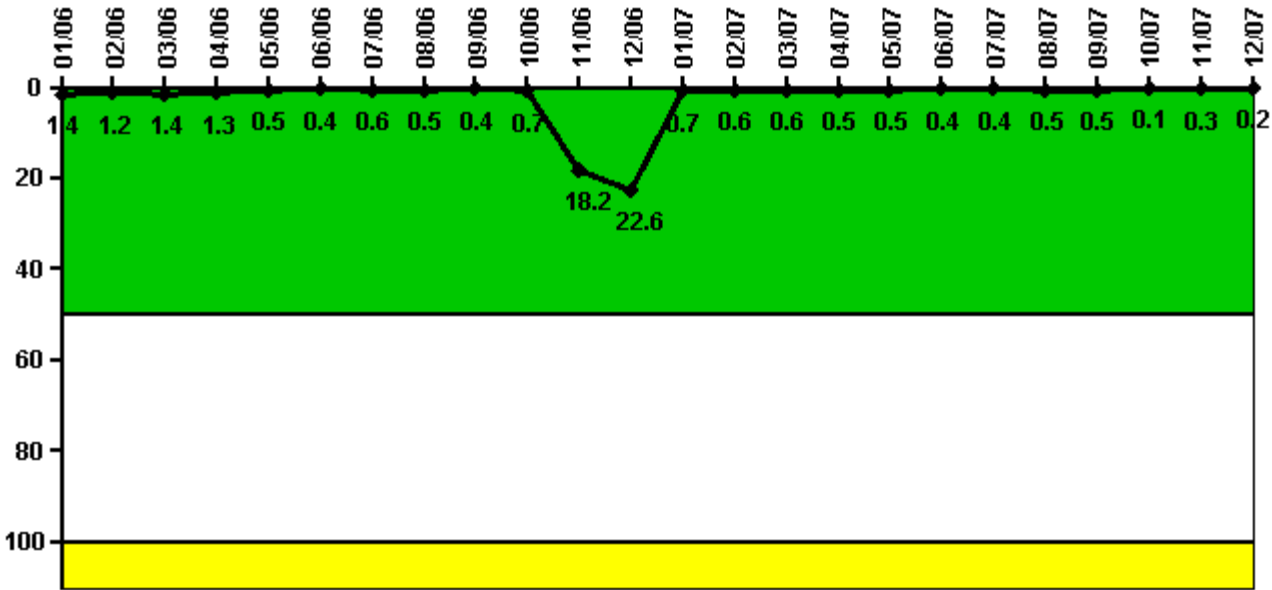
Notes

Reactor Coolant System Activity	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06
Maximum activity	0.000098	0.000318	0.000208	0.000106	0.000030	0.000128	0.000051	0.000049	0.000052	0.000054	0.000057	0.000059
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	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	0.000064	0.000066	0.000067	0.000068	0.000123	0.000074	0.000077	0.000079	0.000116	0.000033	0.000041	0.000127
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



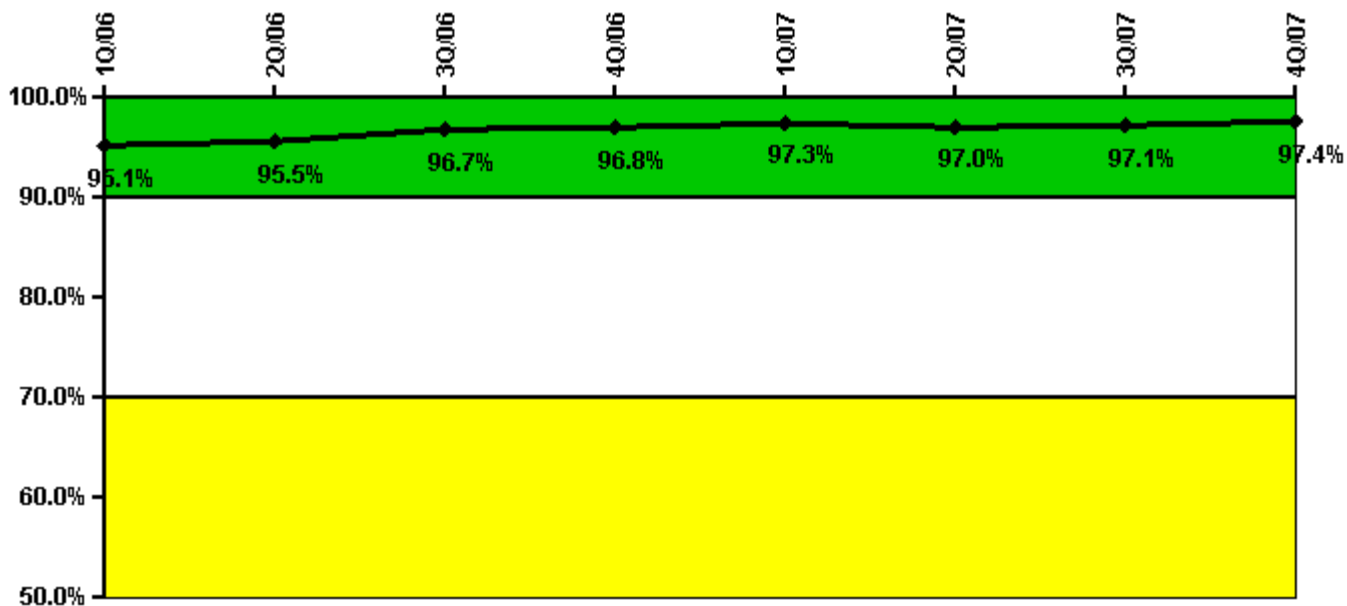
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06
Maximum leakage	0.140	0.120	0.140	0.130	0.050	0.040	0.060	0.050	0.040	0.070	1.820	2.260
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.4	1.2	1.4	1.3	0.5	0.4	0.6	0.5	0.4	0.7	18.2	22.6
Reactor Coolant System Leakage	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07
Maximum leakage	0.070	0.060	0.060	0.050	0.050	0.040	0.040	0.050	0.050	0.010	0.030	0.020
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.7	0.6	0.6	0.5	0.5	0.4	0.4	0.5	0.5	0.1	0.3	0.2

Licensee Comments: none

Drill/Exercise Performance



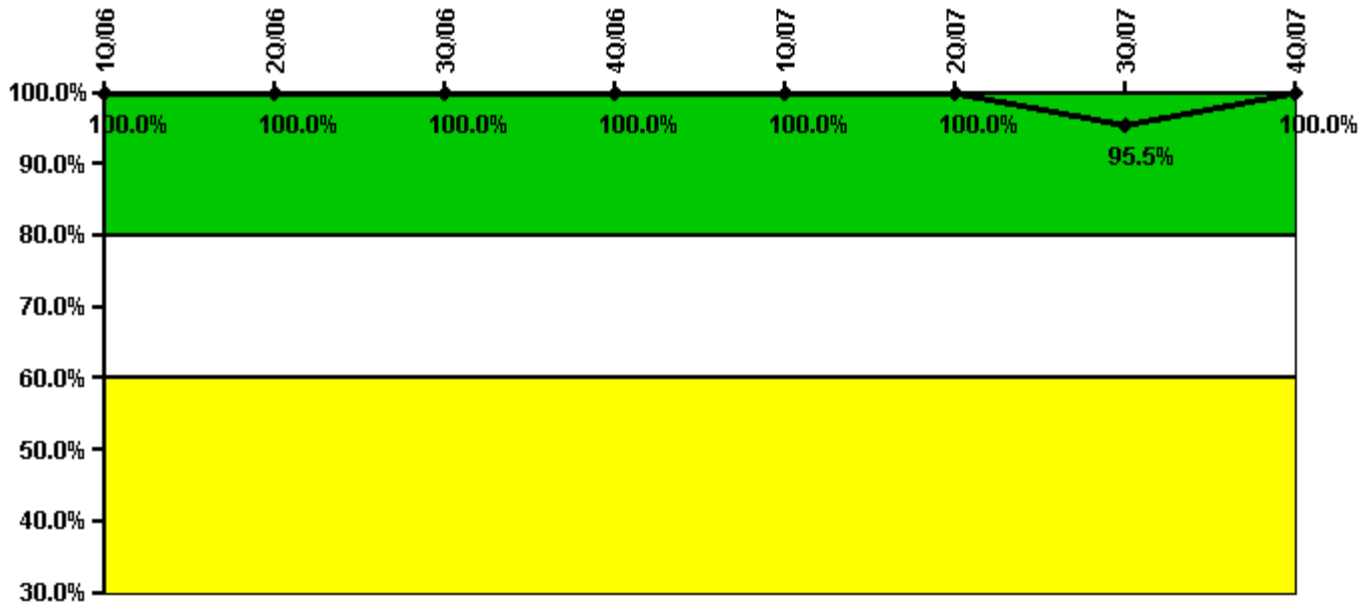
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Successful opportunities	10.0	15.0	62.0	13.0	20.0	38.0	9.0	24.0
Total opportunities	10.0	16.0	63.0	13.0	20.0	40.0	10.0	24.0
Indicator value	95.1%	95.5%	96.7%	96.8%	97.3%	97.0%	97.1%	97.4%

Licensee Comments: none

ERO Drill Participation



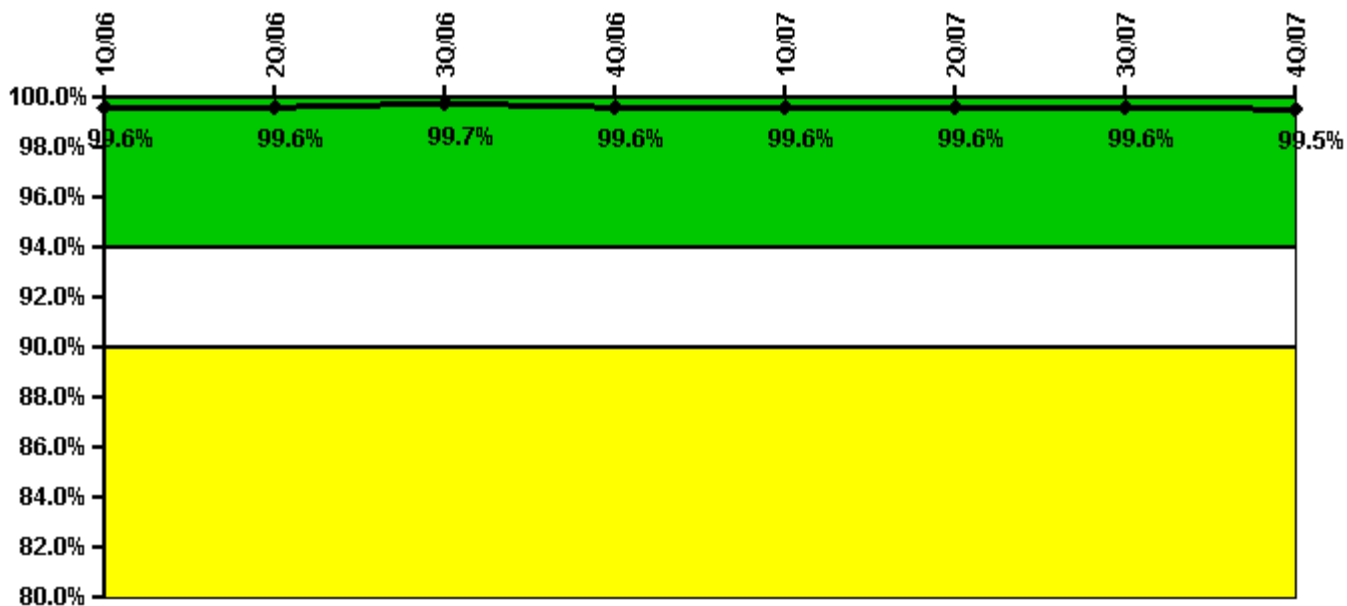
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Participating Key personnel	46.0	44.0	46.0	45.0	43.0	44.0	42.0	43.0
Total Key personnel	46.0	44.0	46.0	45.0	43.0	44.0	44.0	43.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	95.5%	100.0%

Licensee Comments: none

Alert & Notification System



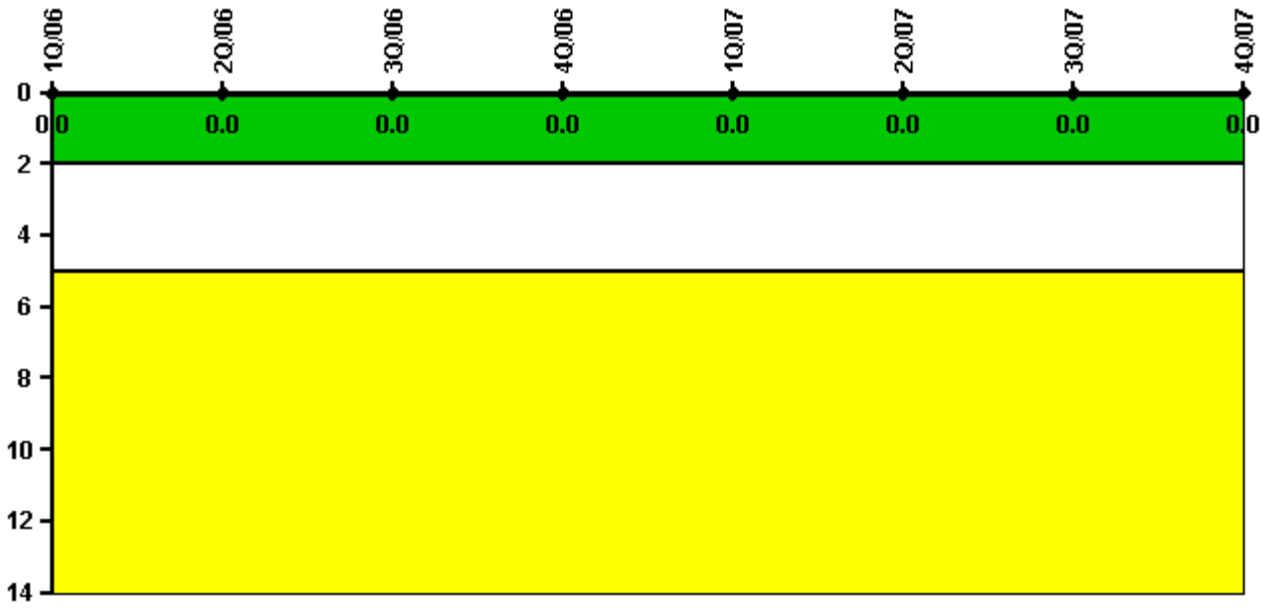
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Successful siren-tests	566	646	644	646	565	647	644	563
Total sirens-tests	567	648	648	648	567	648	648	567
Indicator value	99.6%	99.6%	99.7%	99.6%	99.6%	99.6%	99.6%	99.5%

Licensee Comments: none

Occupational Exposure Control Effectiveness



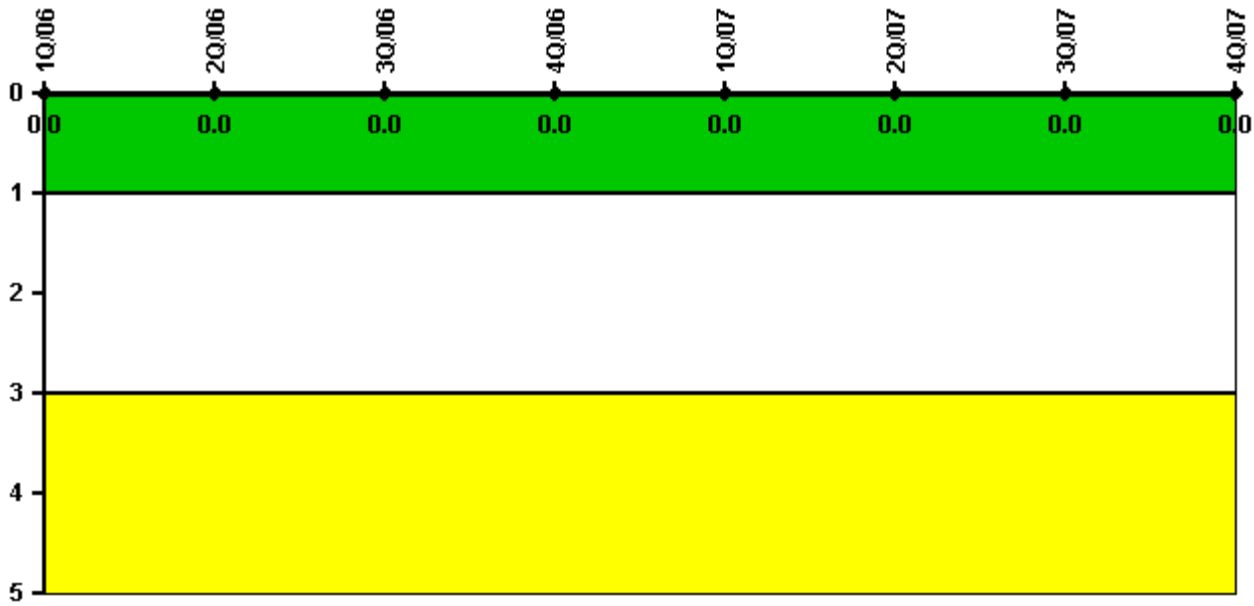
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/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	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/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.

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

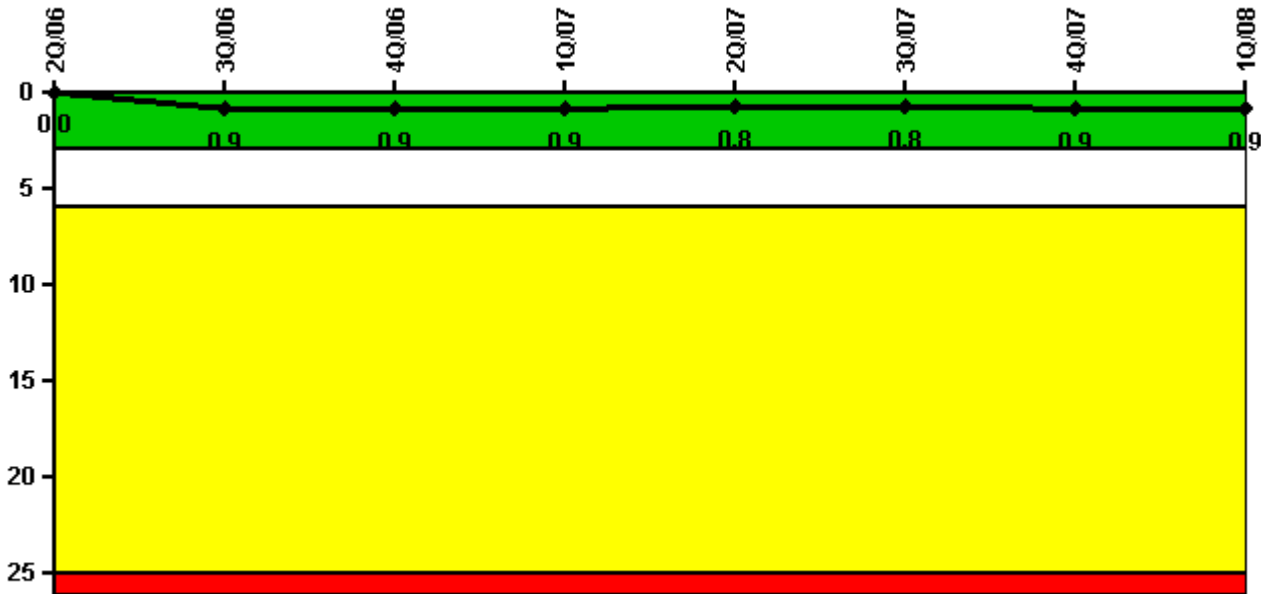
Last Modified: February 4, 2008

Harris 1

1Q/2008 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



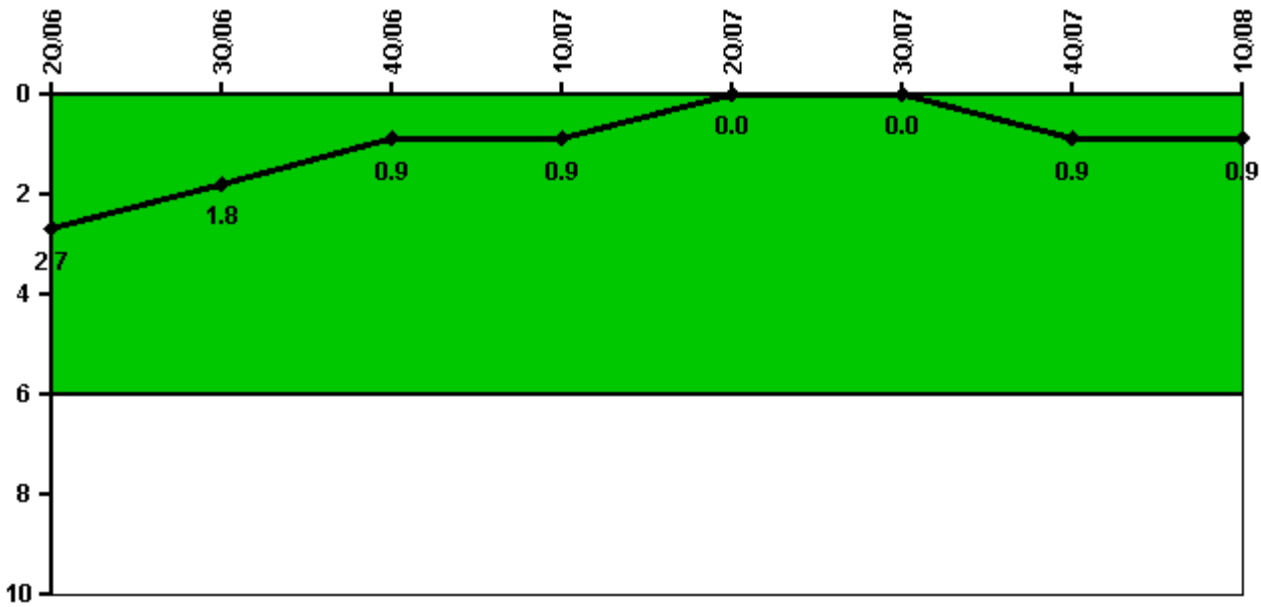
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Unplanned scrams	0	1.0	0	0	0	1.0	0	0
Critical hours	1273.3	2151.4	2209.0	2159.0	2184.0	2158.5	1688.1	2183.0
Indicator value	0	0.9	0.9	0.9	0.8	0.8	0.9	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



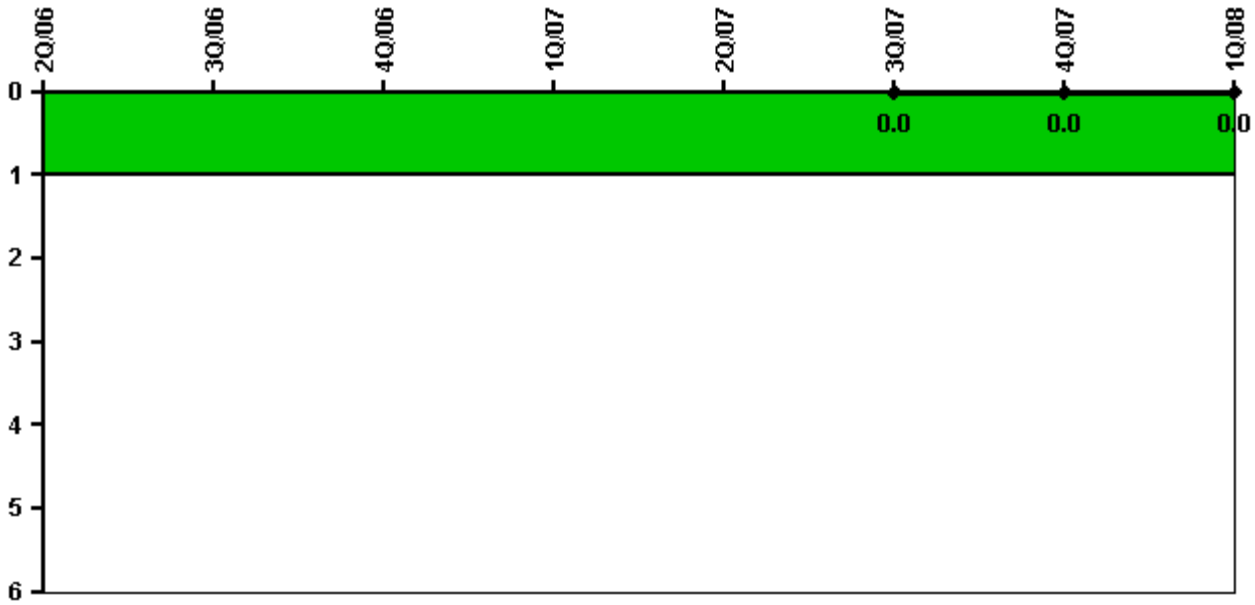
Thresholds: White > 6.0

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	1273.3	2151.4	2209.0	2159.0	2184.0	2158.5	1688.1	2183.0
Indicator value	2.7	1.8	0.9	0.9	0	0	0.9	0.9

Licensee Comments: none

Unplanned Scrams with Complications



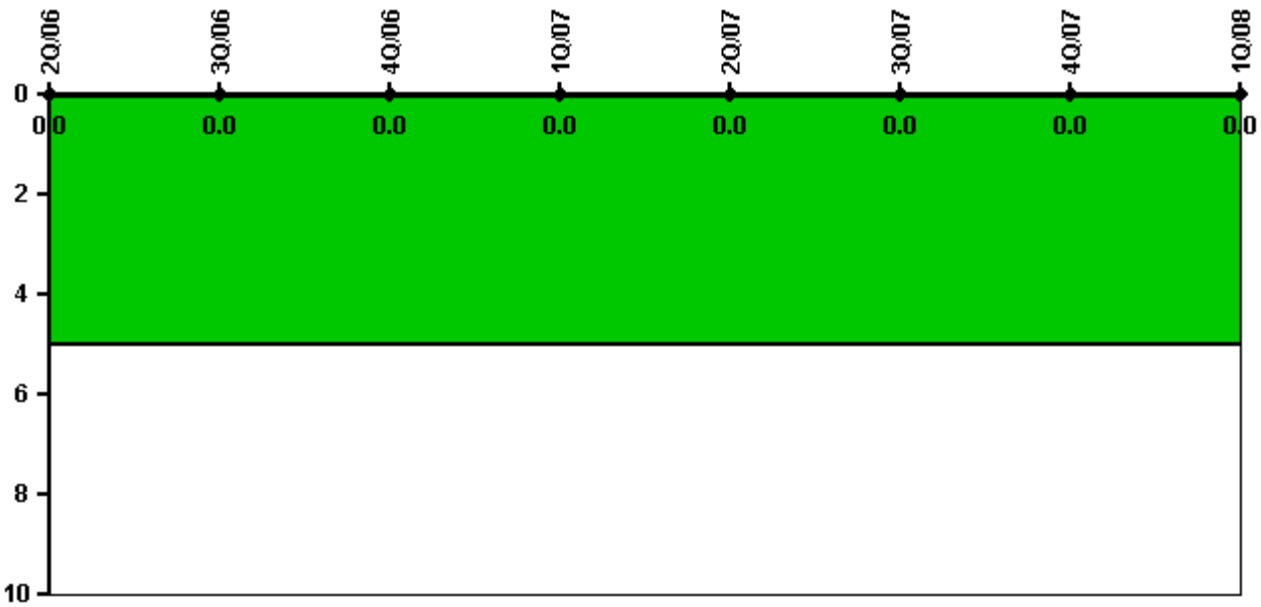
Thresholds: White > 1.0

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	0	0	0	0
Indicator value						0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



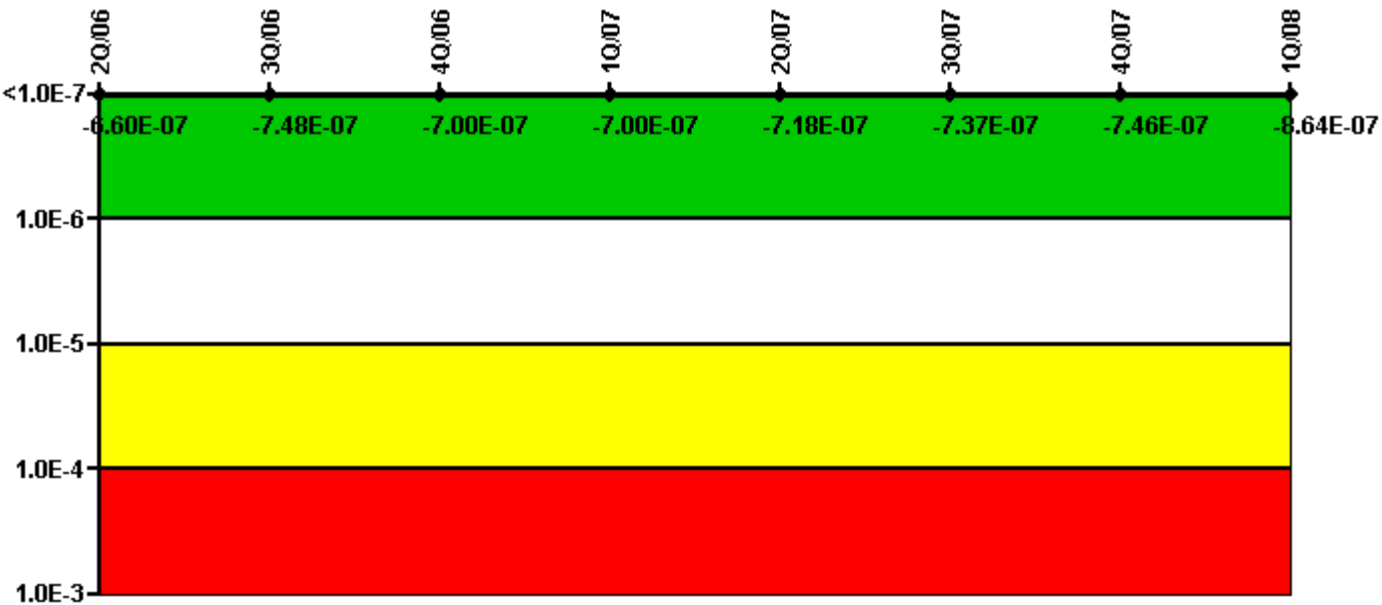
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



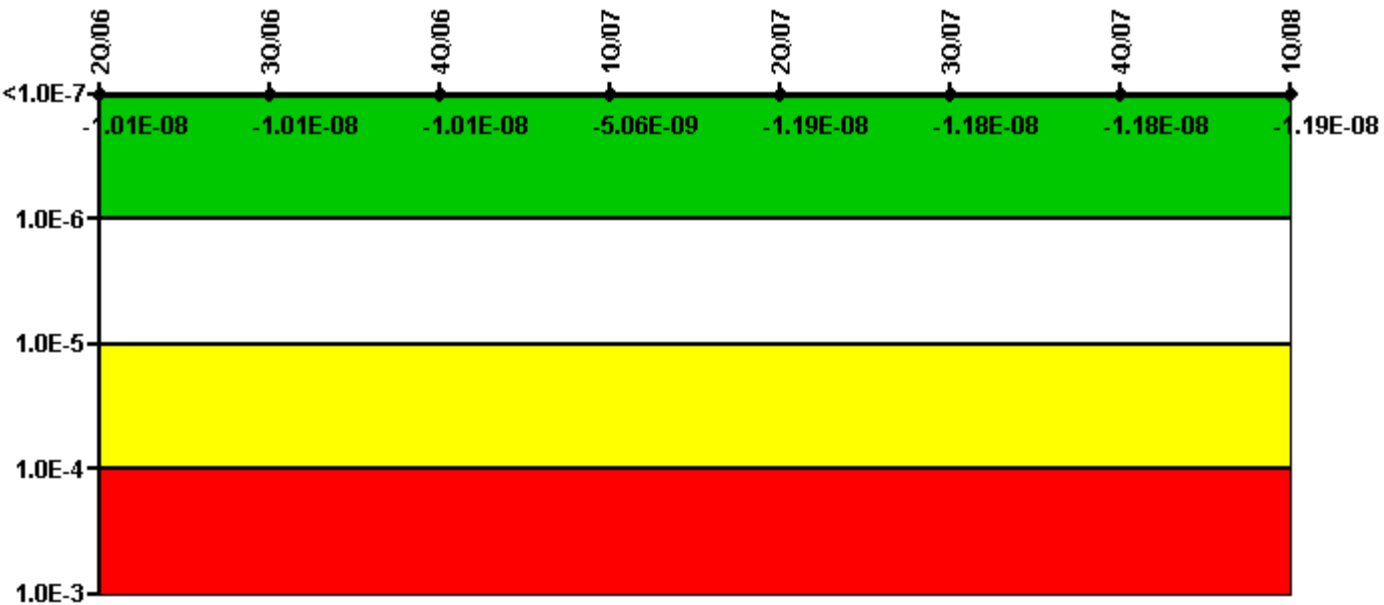
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (Δ CDF)	1.50E-07	6.20E-08	1.10E-07	1.10E-07	9.20E-08	8.30E-08	7.40E-08	-4.40E-08
URI (Δ CDF)	-8.10E-07	-8.10E-07	-8.10E-07	-8.10E-07	-8.10E-07	-8.20E-07	-8.20E-07	-8.20E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.60E-07	-7.48E-07	-7.00E-07	-7.00E-07	-7.18E-07	-7.37E-07	-7.46E-07	-8.64E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



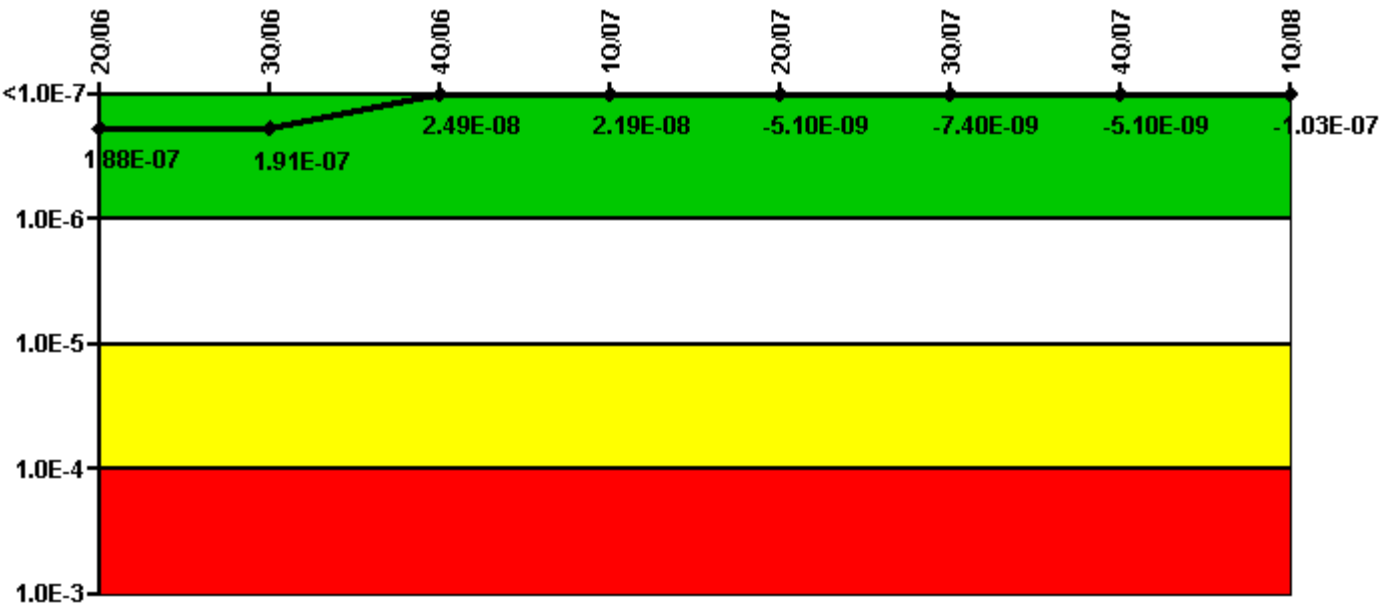
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (Δ CDF)	-1.20E-09	-1.20E-09	-1.20E-09	-8.60E-10	-8.80E-10	-7.80E-10	-8.40E-10	-8.50E-10
URI (Δ CDF)	-8.90E-09	-8.90E-09	-8.90E-09	-4.20E-09	-1.10E-08	-1.10E-08	-1.10E-08	-1.10E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.01E-08	-1.01E-08	-1.01E-08	-5.06E-09	-1.19E-08	-1.18E-08	-1.18E-08	-1.19E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



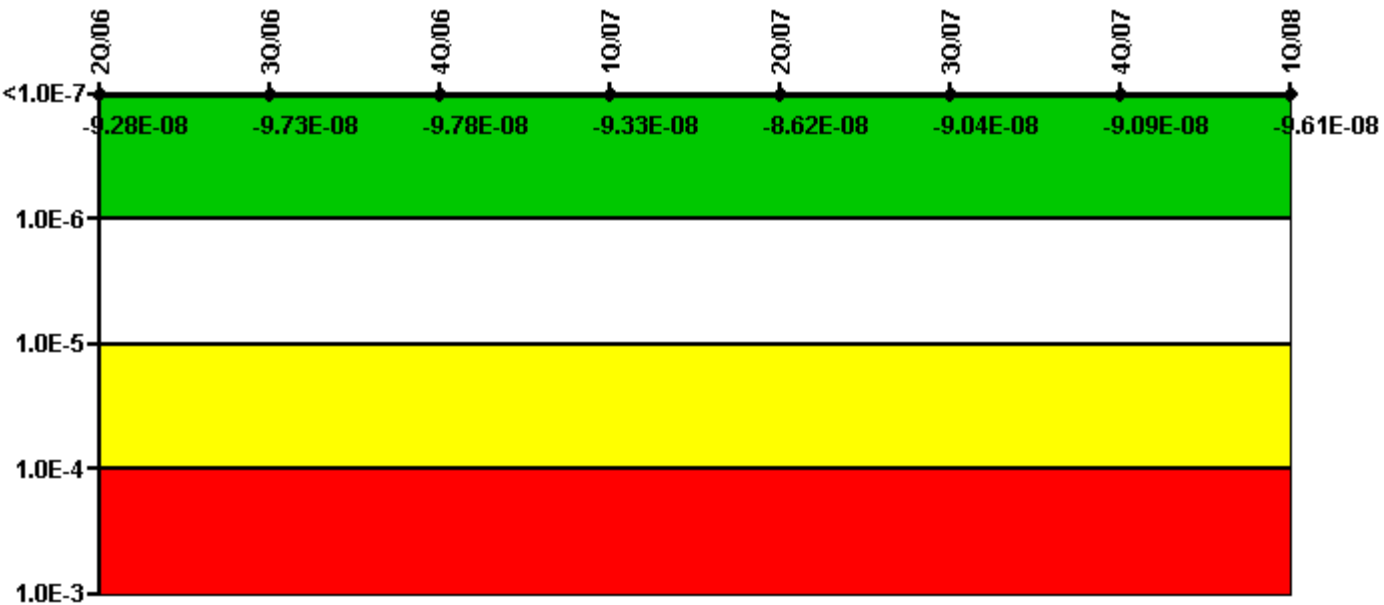
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (Δ CDF)	3.80E-08	4.10E-08	1.90E-08	1.60E-08	-1.20E-08	-1.20E-08	-9.70E-09	-2.40E-08
URI (Δ CDF)	1.50E-07	1.50E-07	5.90E-09	5.90E-09	6.90E-09	4.60E-09	4.60E-09	-7.90E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.88E-07	1.91E-07	2.49E-08	2.19E-08	-5.10E-09	-7.40E-09	-5.10E-09	-1.03E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



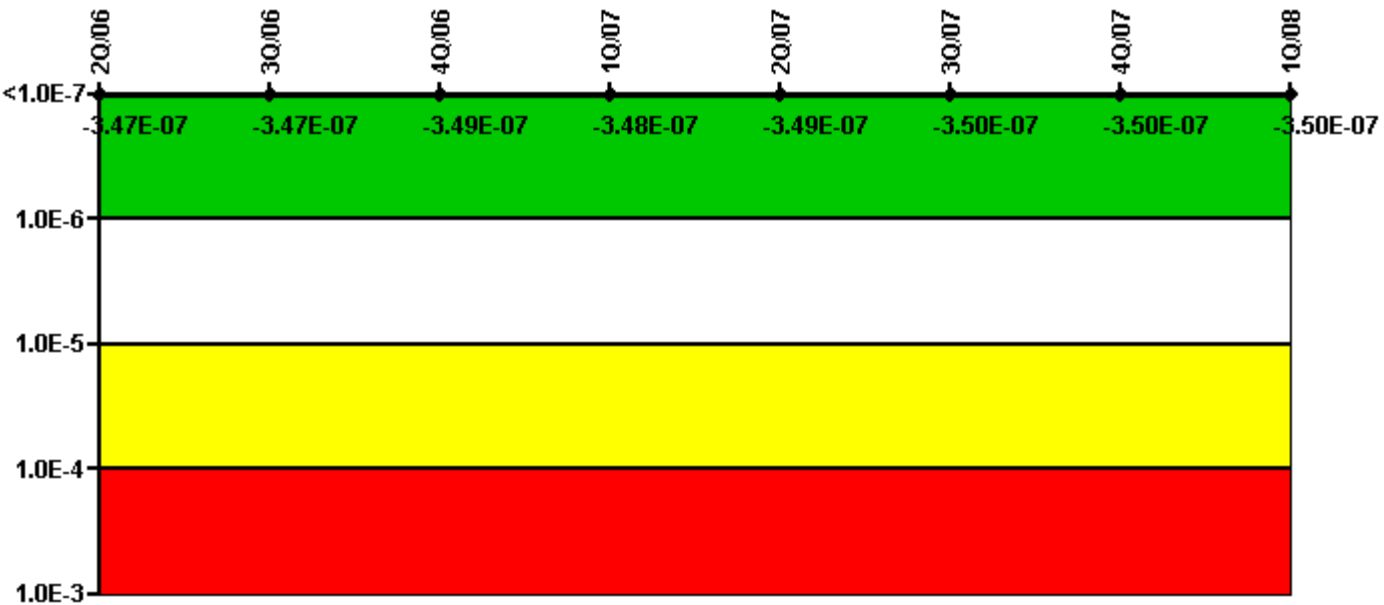
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (Δ CDF)	3.20E-09	-1.30E-09	-1.80E-09	2.70E-09	9.80E-09	5.60E-09	5.10E-09	-7.50E-11
URI (Δ CDF)	-9.60E-08	-9.60E-08	-9.60E-08	-9.60E-08	-9.60E-08	-9.60E-08	-9.60E-08	-9.60E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-9.28E-08	-9.73E-08	-9.78E-08	-9.33E-08	-8.62E-08	-9.04E-08	-9.09E-08	-9.61E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



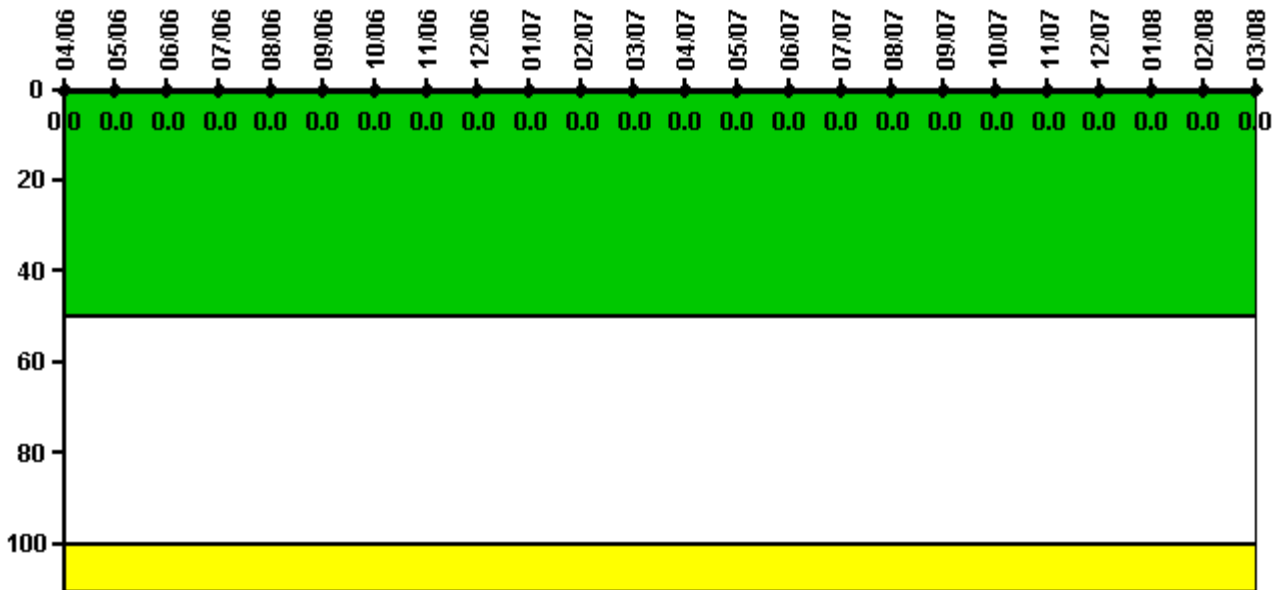
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (Δ CDF)	2.60E-09	3.30E-09	1.10E-09	2.30E-09	7.20E-10	1.30E-10	3.40E-10	3.40E-10
URI (Δ CDF)	-3.50E-07	-3.50E-07	-3.50E-07	-3.50E-07	-3.50E-07	-3.50E-07	-3.50E-07	-3.50E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.47E-07	-3.47E-07	-3.49E-07	-3.48E-07	-3.49E-07	-3.50E-07	-3.50E-07	-3.50E-07

Licensee Comments: none

Reactor Coolant System Activity



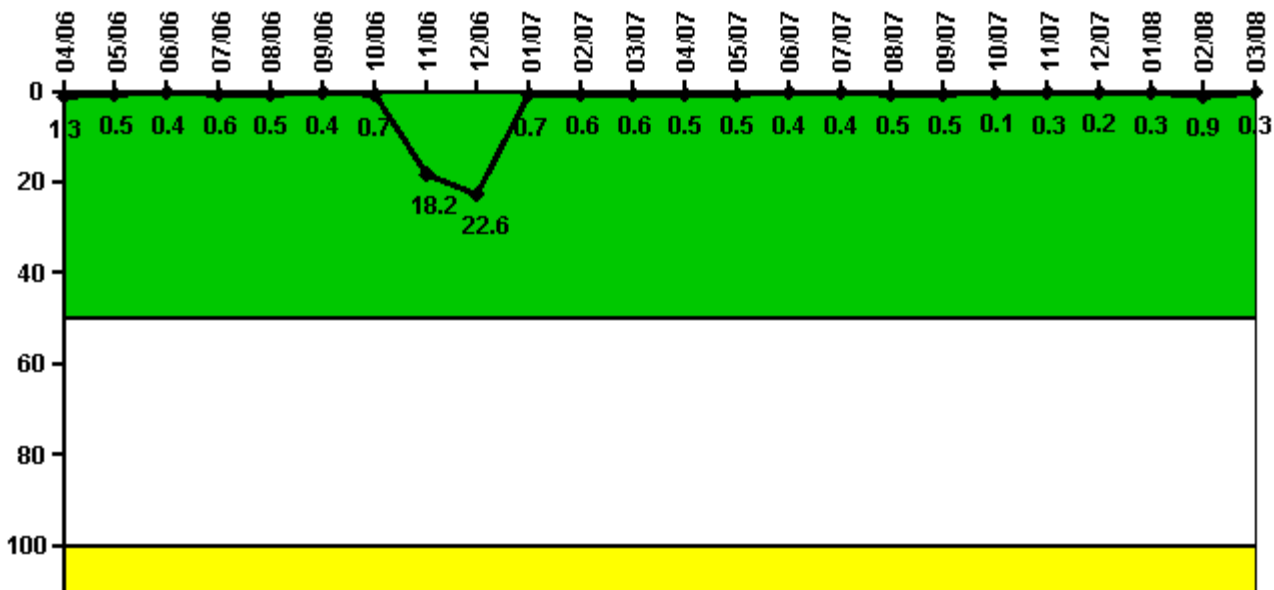
Thresholds: White > 50.0 Yellow > 100.0

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	0.000106	0.000030	0.000128	0.000051	0.000049	0.000052	0.000054	0.000057	0.000059	0.000064	0.000066	0.000067
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08
Maximum activity	0.000068	0.000123	0.000074	0.000077	0.000079	0.000116	0.000033	0.000041	0.000127	0.000045	0.000081	0.000054
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



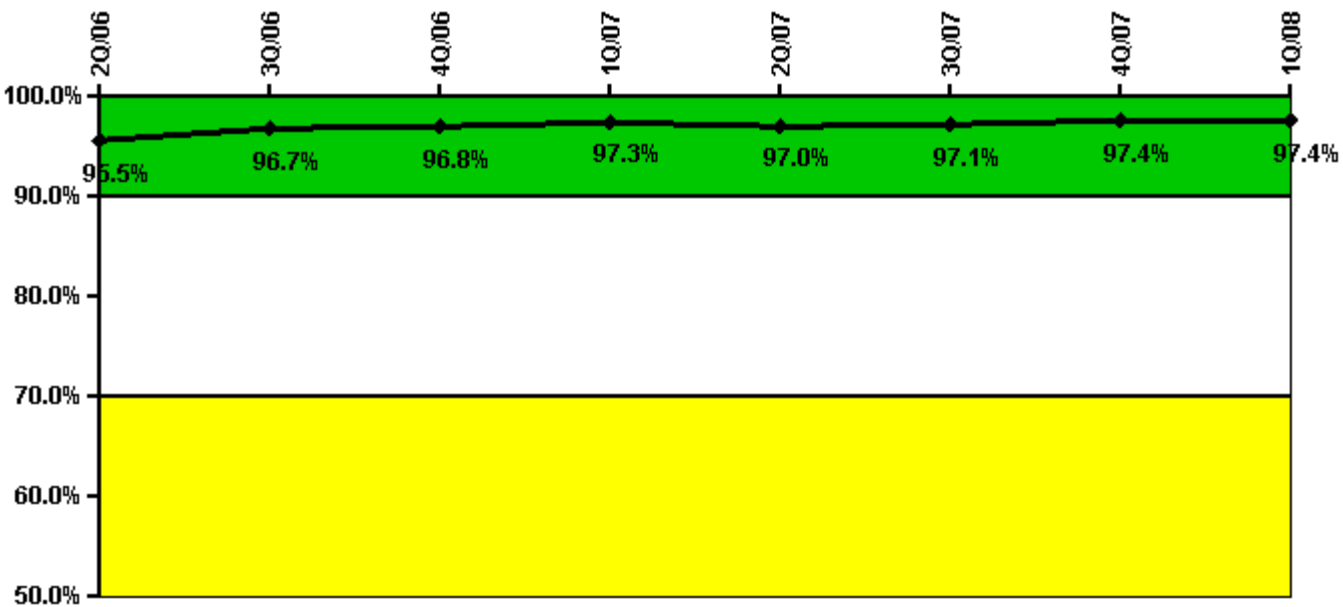
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07
Maximum leakage	0.130	0.050	0.040	0.060	0.050	0.040	0.070	1.820	2.260	0.070	0.060	0.060
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.3	0.5	0.4	0.6	0.5	0.4	0.7	18.2	22.6	0.7	0.6	0.6
Reactor Coolant System Leakage	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08
Maximum leakage	0.050	0.050	0.040	0.040	0.050	0.050	0.010	0.030	0.020	0.030	0.090	0.030
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	0.5	0.4	0.4	0.5	0.5	0.1	0.3	0.2	0.3	0.9	0.3

Licensee Comments: none

Drill/Exercise Performance



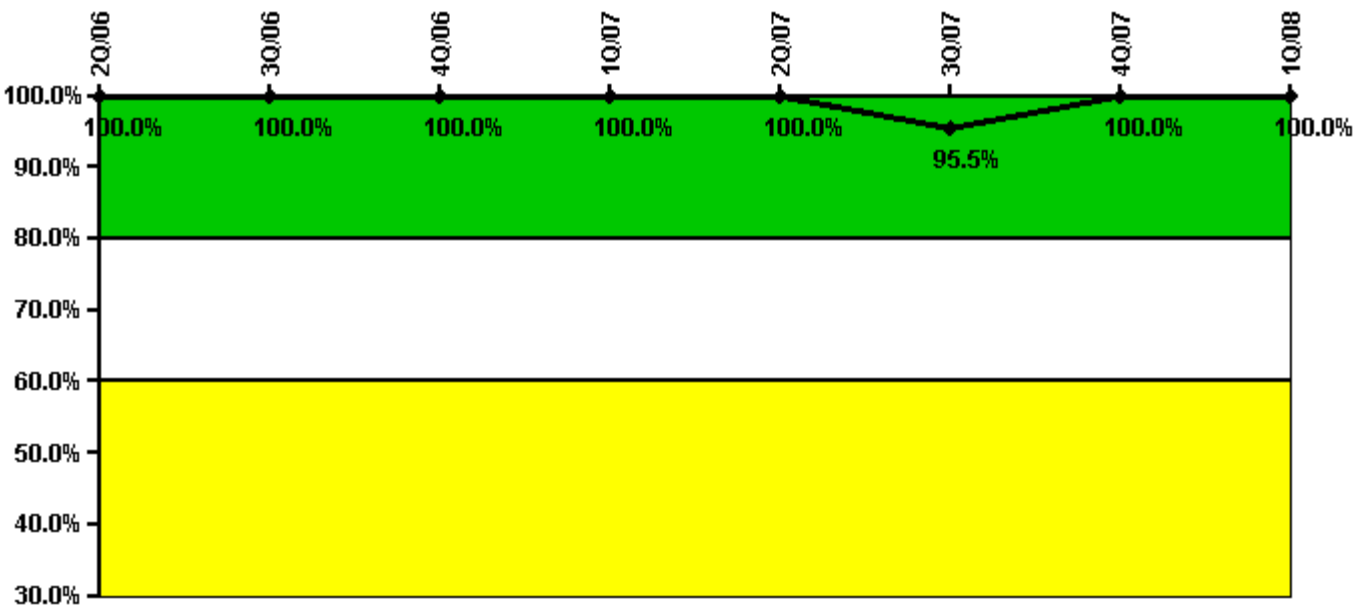
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Successful opportunities	15.0	62.0	13.0	20.0	38.0	9.0	24.0	6.0
Total opportunities	16.0	63.0	13.0	20.0	40.0	10.0	24.0	6.0
Indicator value	95.5%	96.7%	96.8%	97.3%	97.0%	97.1%	97.4%	97.4%

Licensee Comments: none

ERO Drill Participation



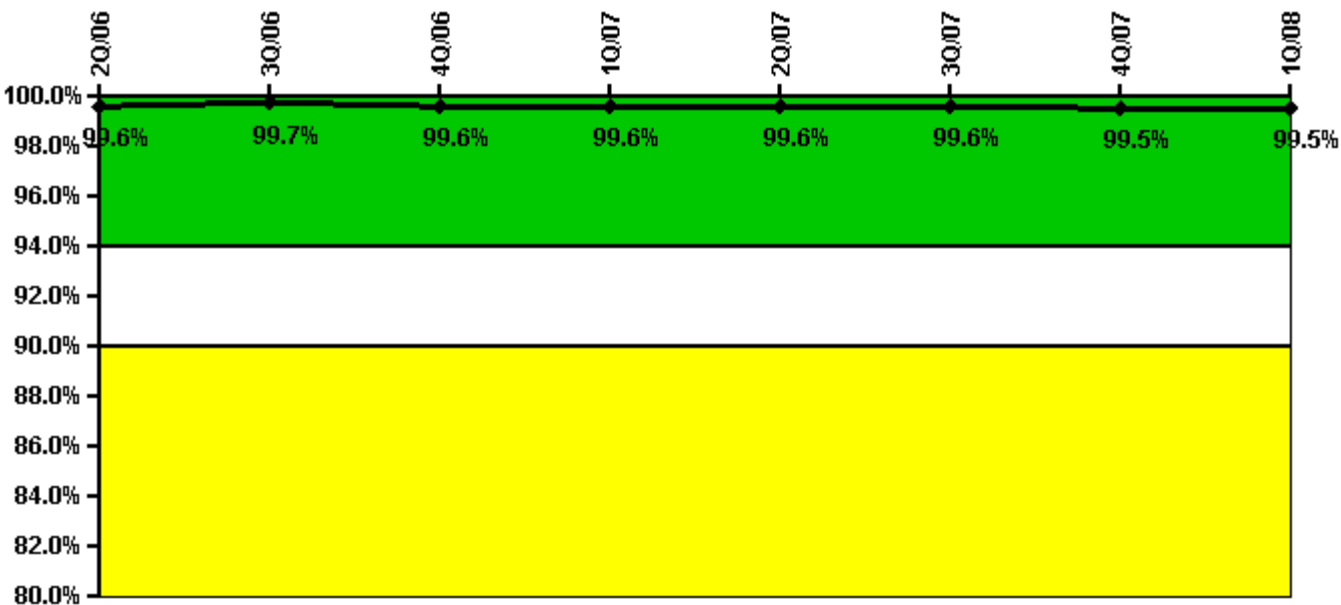
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Participating Key personnel	44.0	46.0	45.0	43.0	44.0	42.0	43.0	42.0
Total Key personnel	44.0	46.0	45.0	43.0	44.0	44.0	43.0	42.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	95.5%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



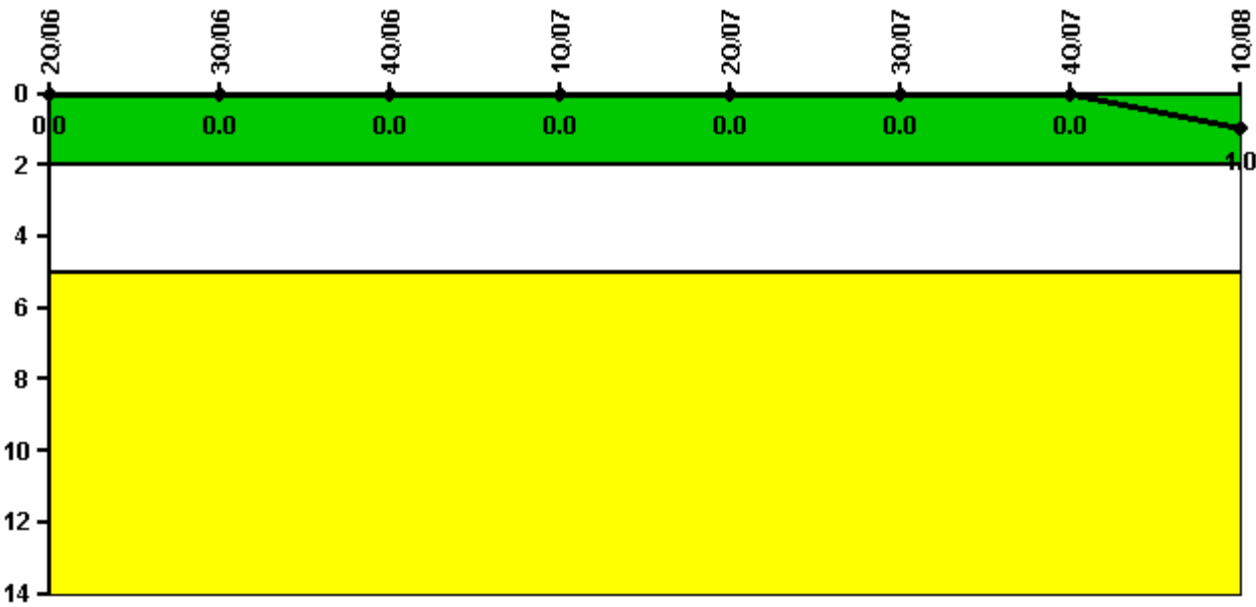
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Successful siren-tests	646	644	646	565	647	644	563	565
Total sirens-tests	648	648	648	567	648	648	567	567
Indicator value	99.6%	99.7%	99.6%	99.6%	99.6%	99.6%	99.5%	99.5%

Licensee Comments: none

Occupational Exposure Control Effectiveness



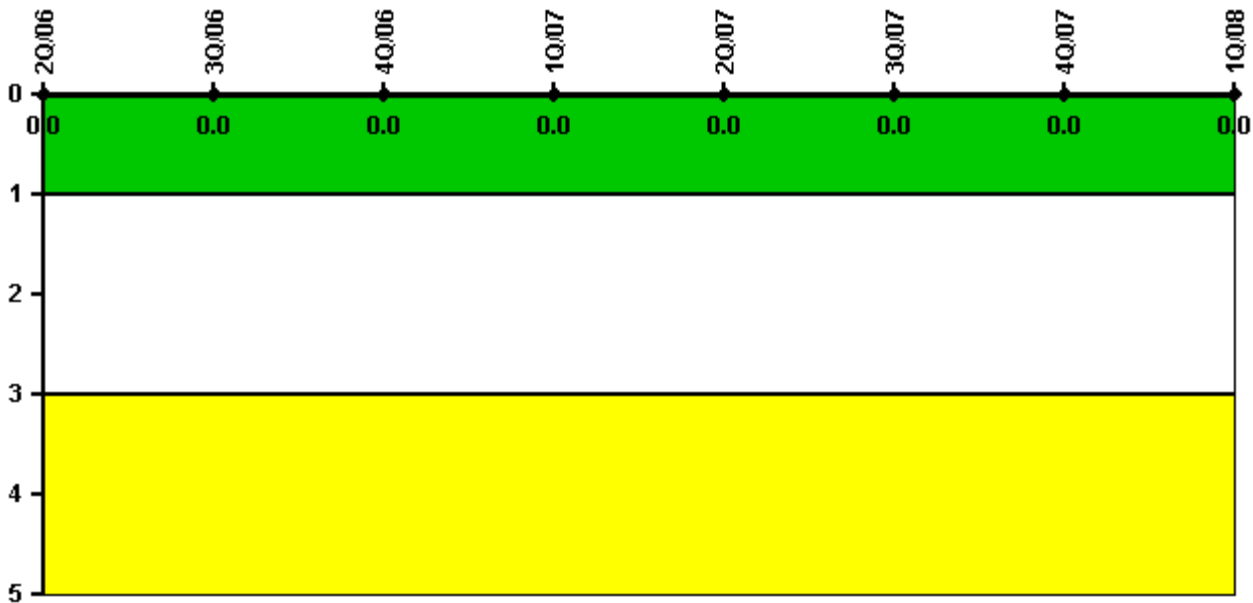
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/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	1
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	1

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	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](#)

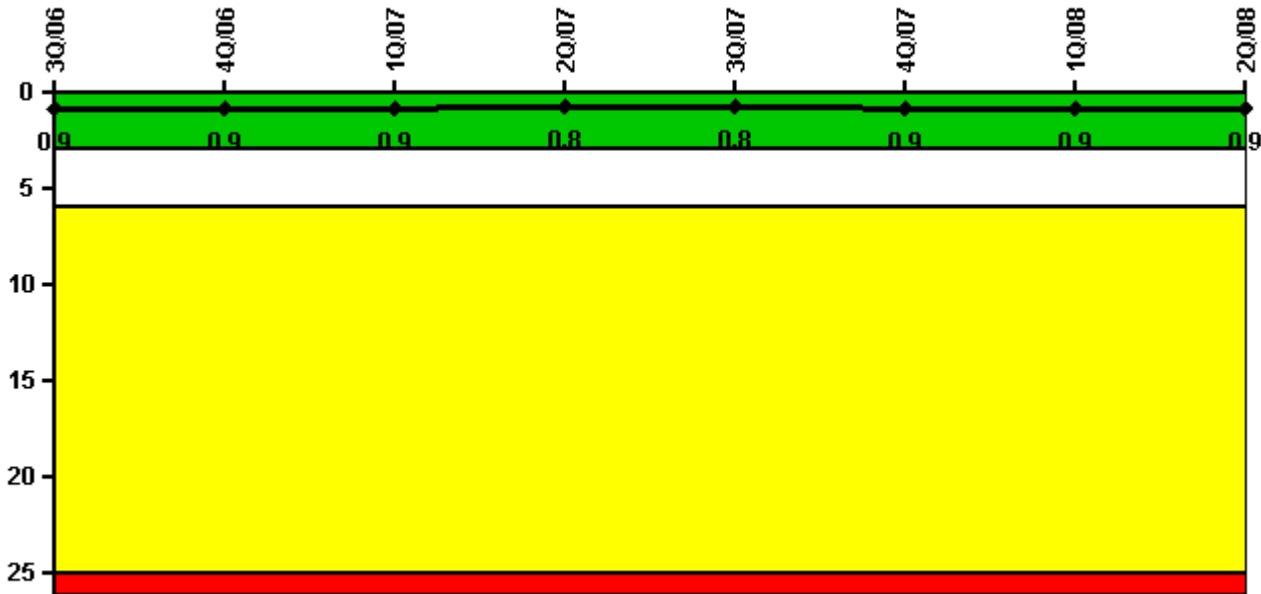
Last Modified: April 30, 2008

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2Q/2008 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



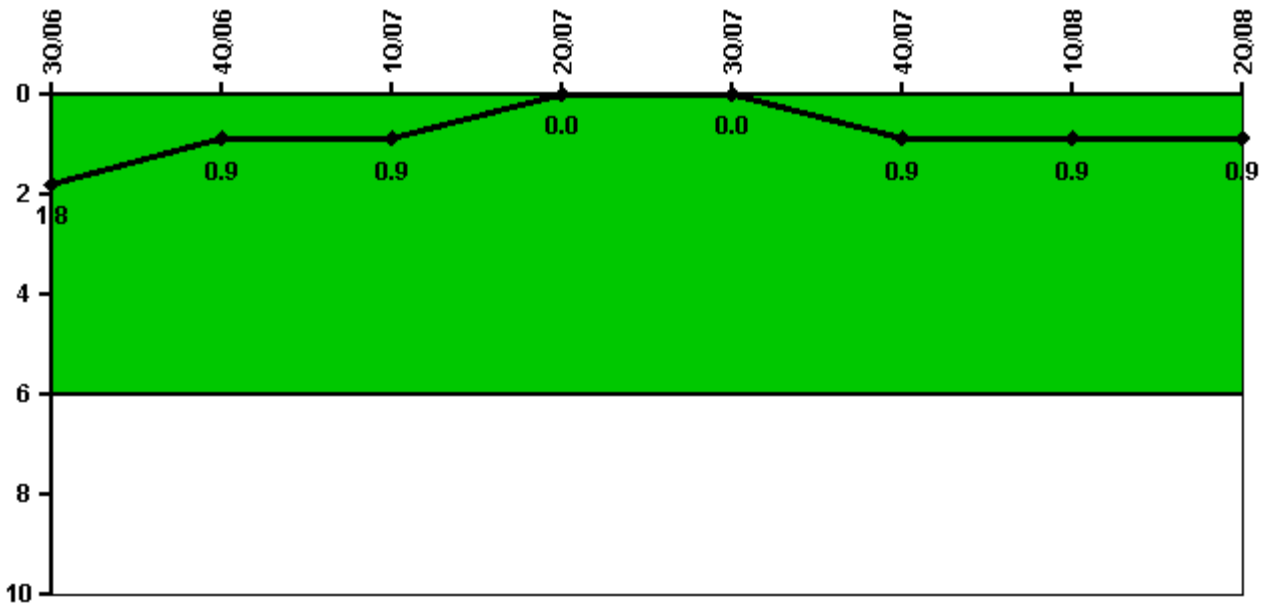
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	0	1.0	0	0	0
Critical hours	2151.4	2209.0	2159.0	2184.0	2158.5	1688.1	2183.0	2184.0
Indicator value	0.9	0.9	0.9	0.8	0.8	0.9	0.9	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



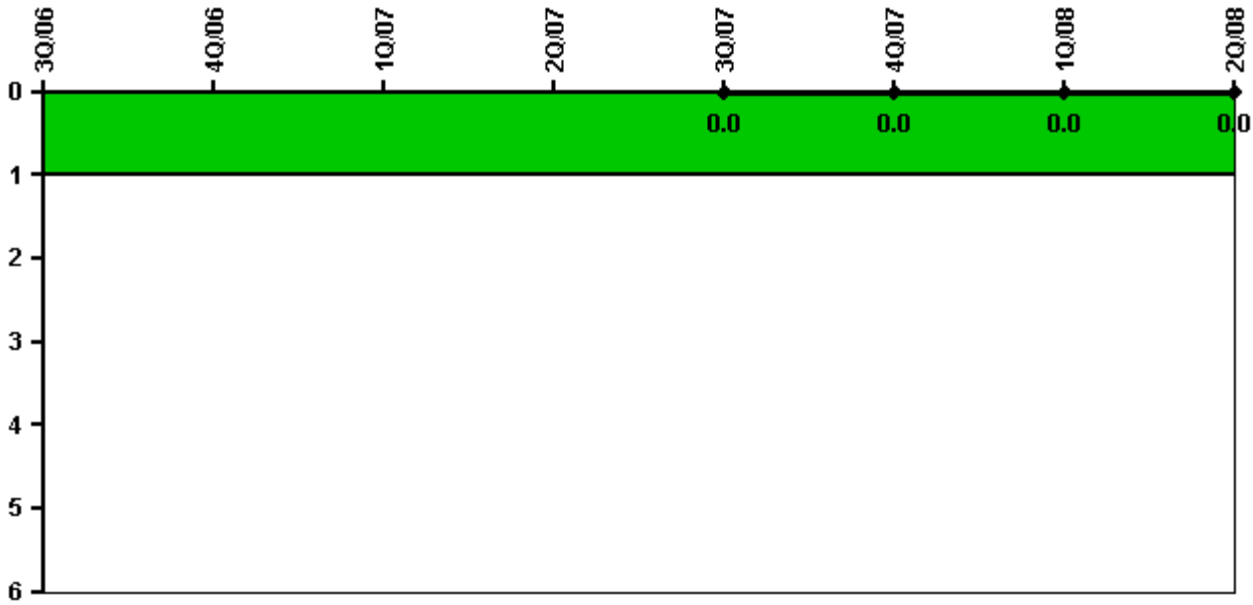
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	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	2151.4	2209.0	2159.0	2184.0	2158.5	1688.1	2183.0	2184.0
Indicator value	1.8	0.9	0.9	0	0	0.9	0.9	0.9

Licensee Comments: none

Unplanned Scrams with Complications



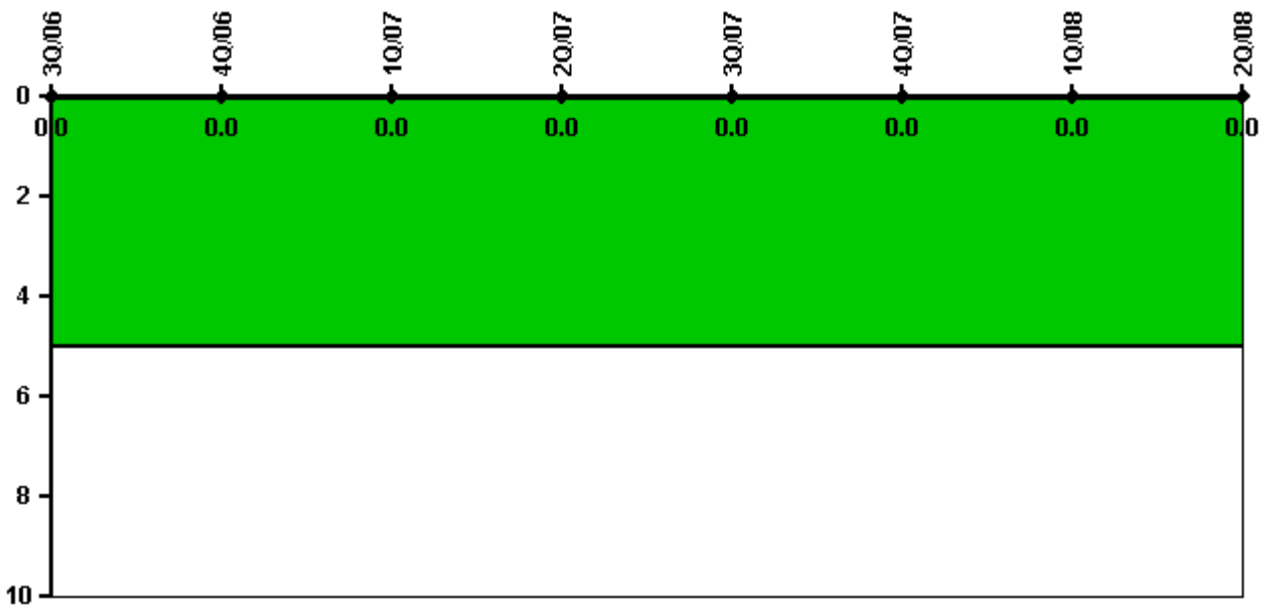
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Scrams with complications		0	0	0	0	0	0	0
Indicator value					0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



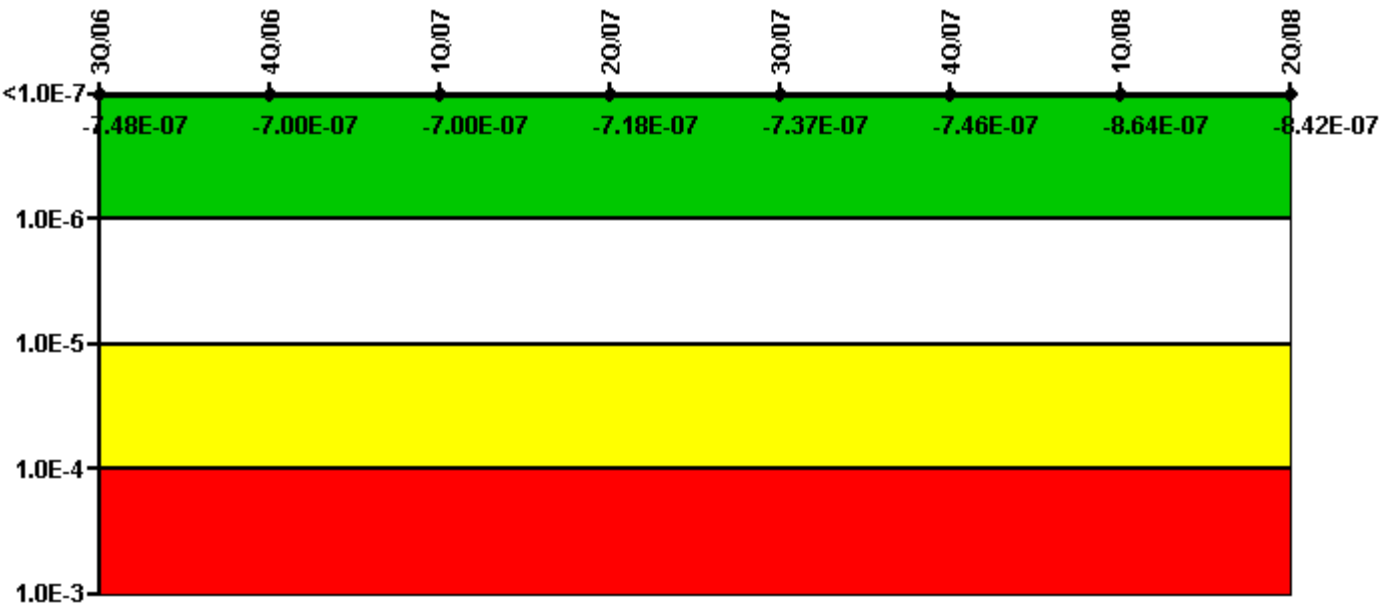
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



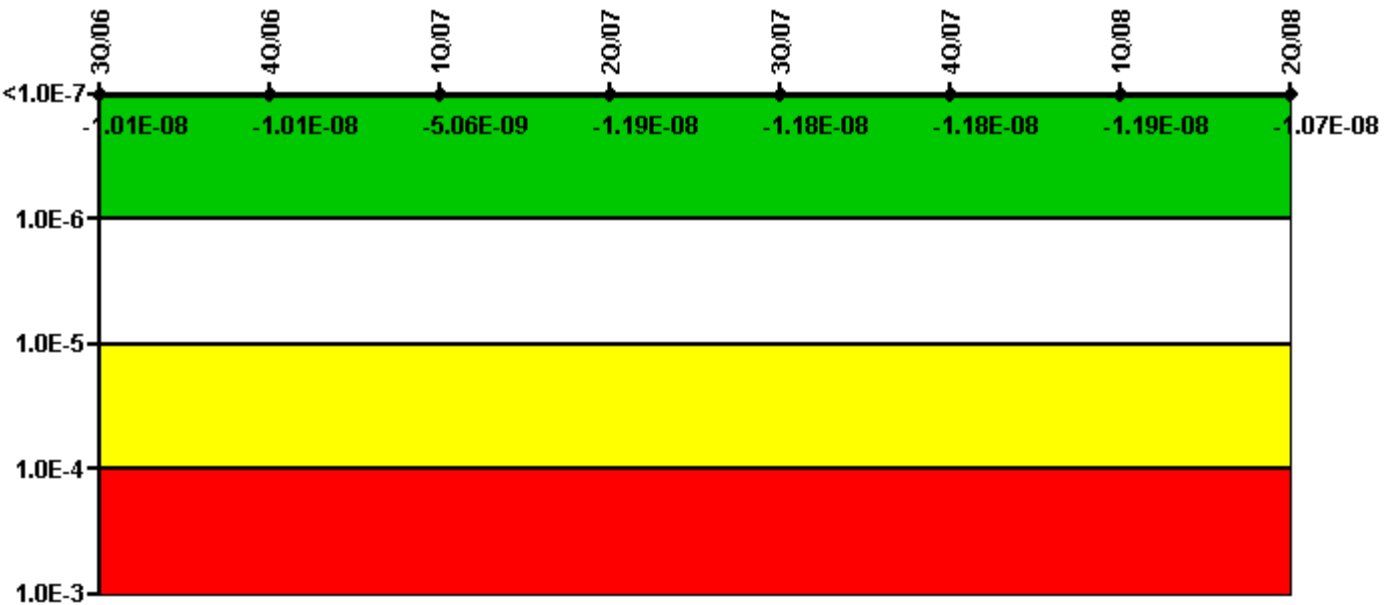
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (Δ CDF)	6.20E-08	1.10E-07	1.10E-07	9.20E-08	8.30E-08	7.40E-08	-4.40E-08	-2.20E-08
URI (Δ CDF)	-8.10E-07	-8.10E-07	-8.10E-07	-8.10E-07	-8.20E-07	-8.20E-07	-8.20E-07	-8.20E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-7.48E-07	-7.00E-07	-7.00E-07	-7.18E-07	-7.37E-07	-7.46E-07	-8.64E-07	-8.42E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (Δ CDF)	-1.20E-09	-1.20E-09	-8.60E-10	-8.80E-10	-7.80E-10	-8.40E-10	-8.50E-10	3.10E-10
URI (Δ CDF)	-8.90E-09	-8.90E-09	-4.20E-09	-1.10E-08	-1.10E-08	-1.10E-08	-1.10E-08	-1.10E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.01E-08	-1.01E-08	-5.06E-09	-1.19E-08	-1.18E-08	-1.18E-08	-1.19E-08	-1.07E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



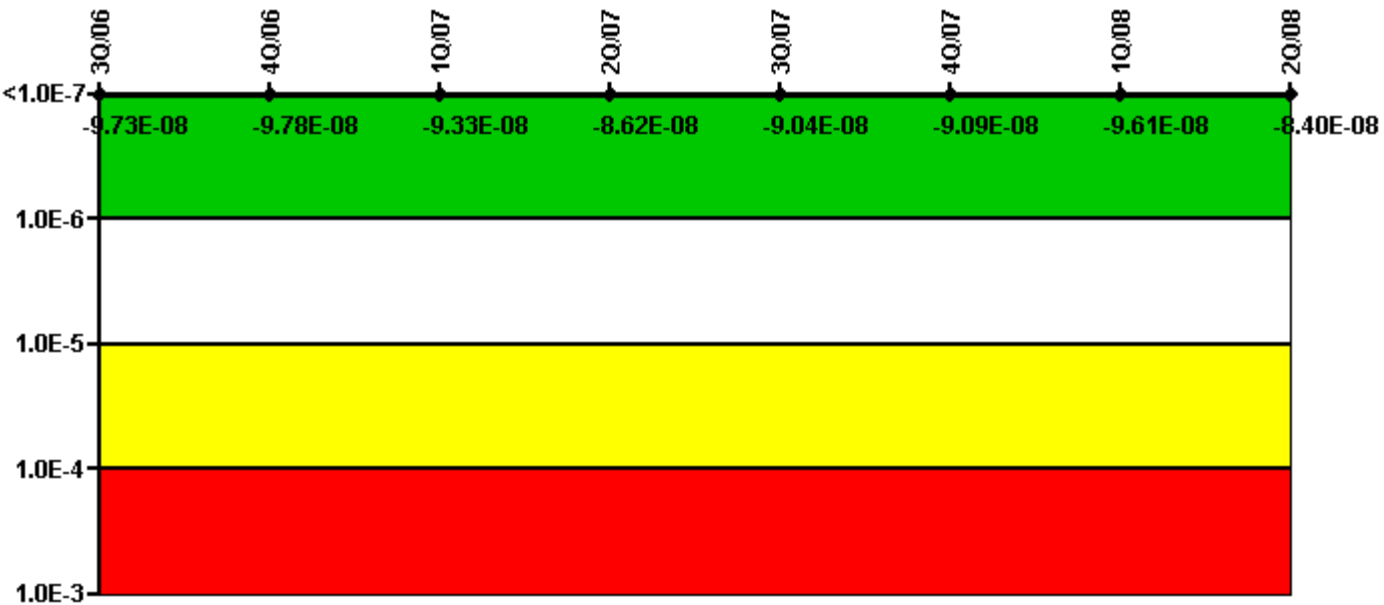
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (Δ CDF)	4.10E-08	1.90E-08	1.60E-08	-1.20E-08	-1.20E-08	-9.70E-09	-2.40E-08	-2.50E-08
URI (Δ CDF)	1.50E-07	5.90E-09	5.90E-09	6.90E-09	4.60E-09	4.60E-09	-7.90E-08	-7.90E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.91E-07	2.49E-08	2.19E-08	-5.10E-09	-7.40E-09	-5.10E-09	-1.03E-07	-1.04E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



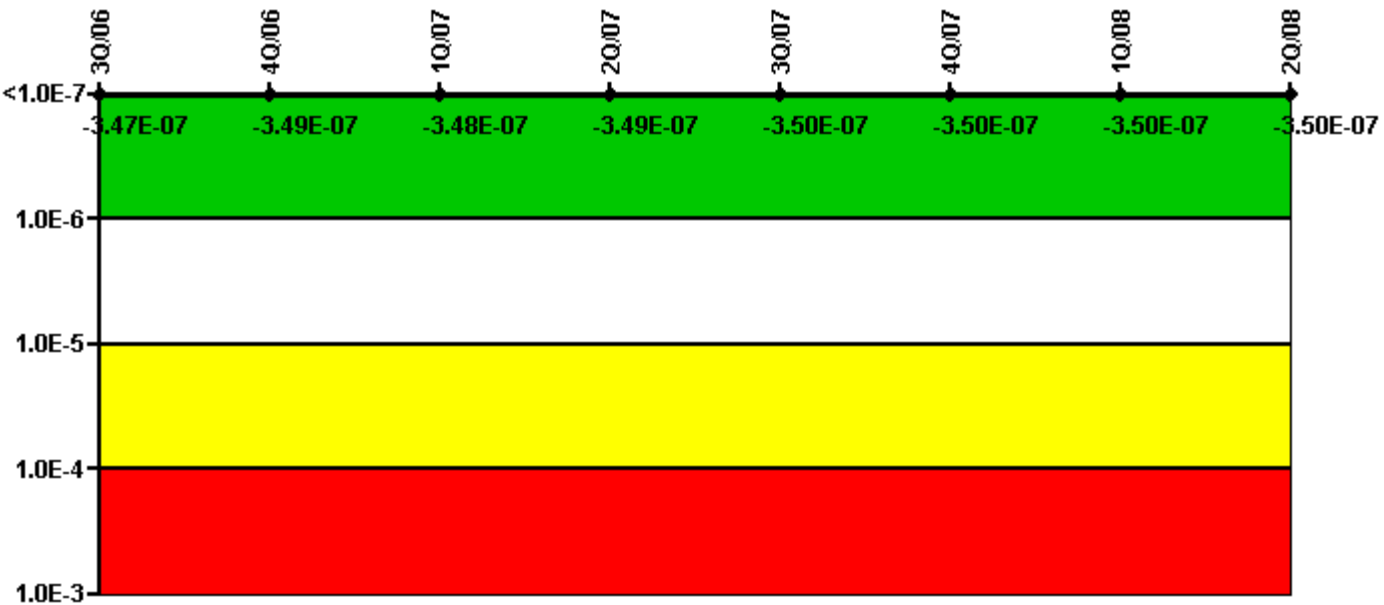
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (Δ CDF)	-1.30E-09	-1.80E-09	2.70E-09	9.80E-09	5.60E-09	5.10E-09	-7.50E-11	1.20E-08
URI (Δ CDF)	-9.60E-08	-9.60E-08	-9.60E-08	-9.60E-08	-9.60E-08	-9.60E-08	-9.60E-08	-9.60E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-9.73E-08	-9.78E-08	-9.33E-08	-8.62E-08	-9.04E-08	-9.09E-08	-9.61E-08	-8.40E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



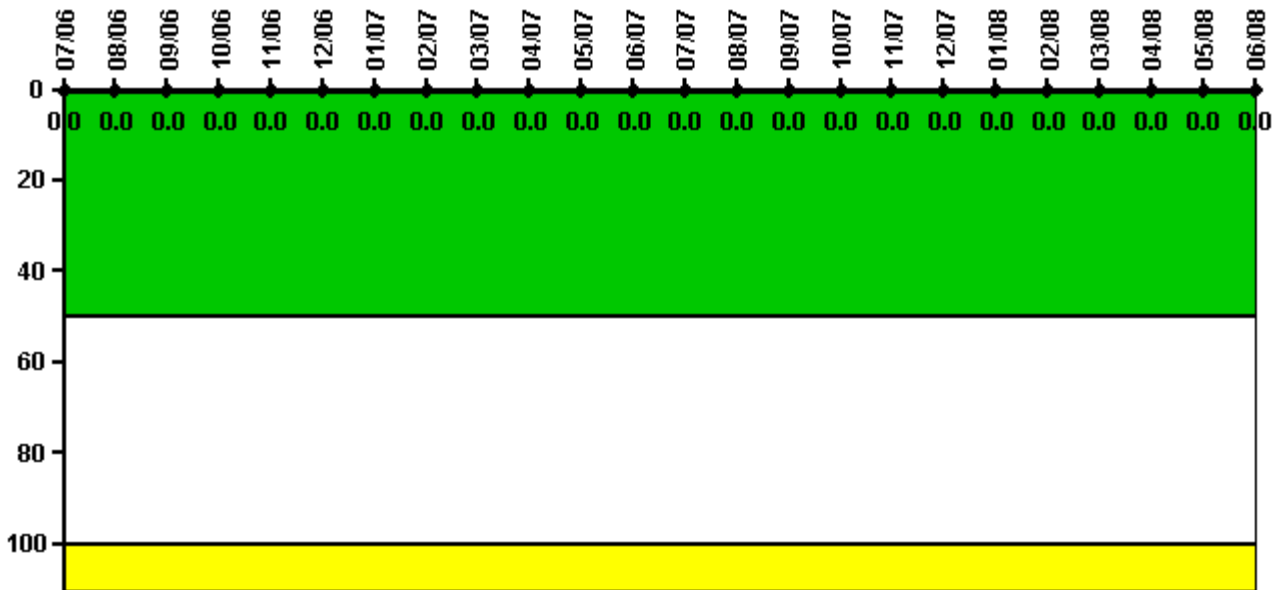
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (Δ CDF)	3.30E-09	1.10E-09	2.30E-09	7.20E-10	1.30E-10	3.40E-10	3.40E-10	3.40E-10
URI (Δ CDF)	-3.50E-07	-3.50E-07	-3.50E-07	-3.50E-07	-3.50E-07	-3.50E-07	-3.50E-07	-3.50E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.47E-07	-3.49E-07	-3.48E-07	-3.49E-07	-3.50E-07	-3.50E-07	-3.50E-07	-3.50E-07

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

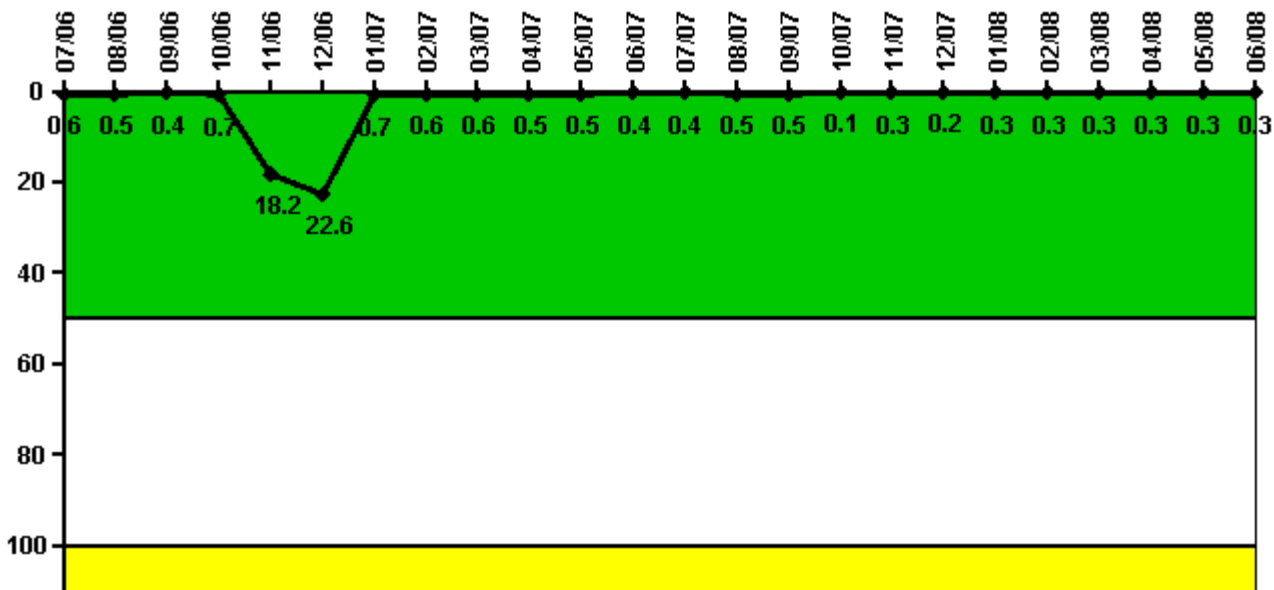
Notes

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	0.000051	0.000049	0.000052	0.000054	0.000057	0.000059	0.000064	0.000066	0.000067	0.000068	0.000123	0.000074
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08
Maximum activity	0.000077	0.000079	0.000116	0.000033	0.000041	0.000127	0.000045	0.000081	0.000054	0.000054	0.000056	0.000060
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07
Maximum leakage	0.060	0.050	0.040	0.070	1.820	2.260	0.070	0.060	0.060	0.050	0.050	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.6	0.5	0.4	0.7	18.2	22.6	0.7	0.6	0.6	0.5	0.5	0.4

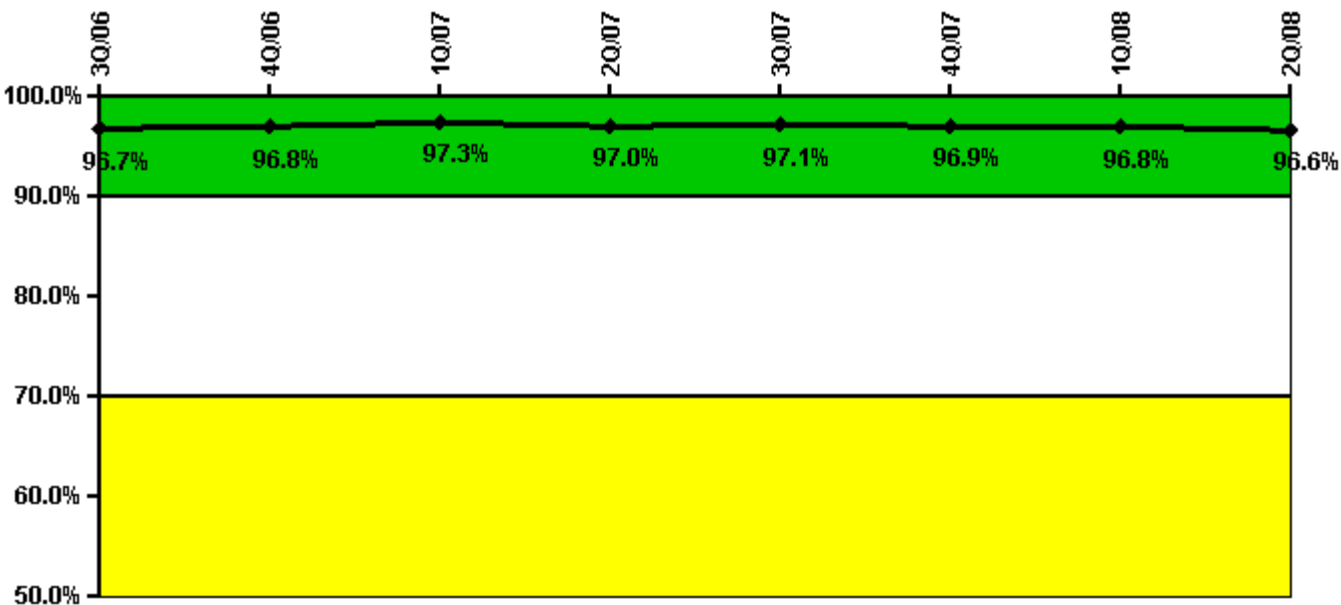
Reactor Coolant System Leakage	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08
Maximum leakage	0.040	0.050	0.050	0.010	0.030	0.020	0.030	0.030	0.030	0.030	0.030	0.030
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.5	0.5	0.1	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3

Licensee Comments:

6/08: Feb 08 data corrected to reflect actual leak rate of .03 gpm vice .09 gpm. Error was a result of inaccurate entry in AutoLog. No threshold or color shift occurred.

3/08: Feb 08 data corrected to reflect actual leak rate of .03 gpm vice .09 gpm. Error was a result of inaccurate entry in AutoLog. No threshold or color shift occurred.

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

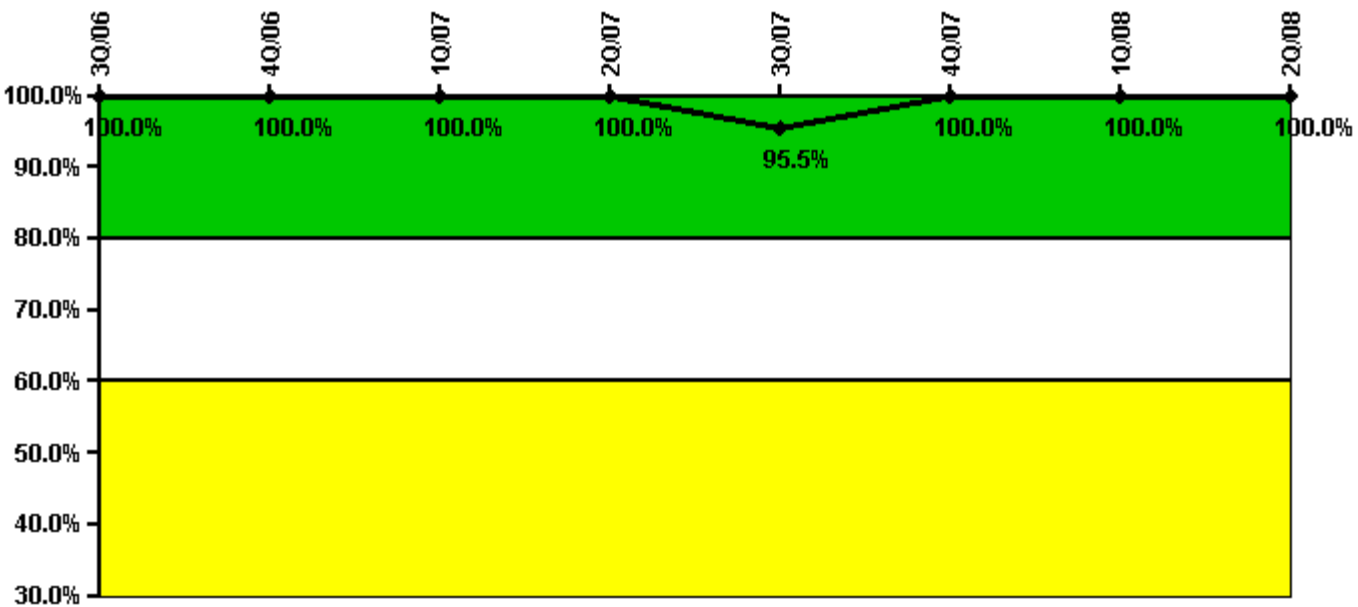
Notes

Drill/Exercise Performance	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Successful opportunities	62.0	13.0	20.0	38.0	9.0	21.0	6.0	31.0
Total opportunities	63.0	13.0	20.0	40.0	10.0	22.0	6.0	33.0
Indicator value	96.7%	96.8%	97.3%	97.0%	97.1%	96.9%	96.8%	96.6%

Licensee Comments:

2Q/08: Total number of Drill opportunities was miscounted in Dec 2007. One notification PAR in Dec 2007 did not meet the accuracy requirements and should not have been counted as successful. None of these changes resulted in an Indicator color change.

ERO Drill Participation



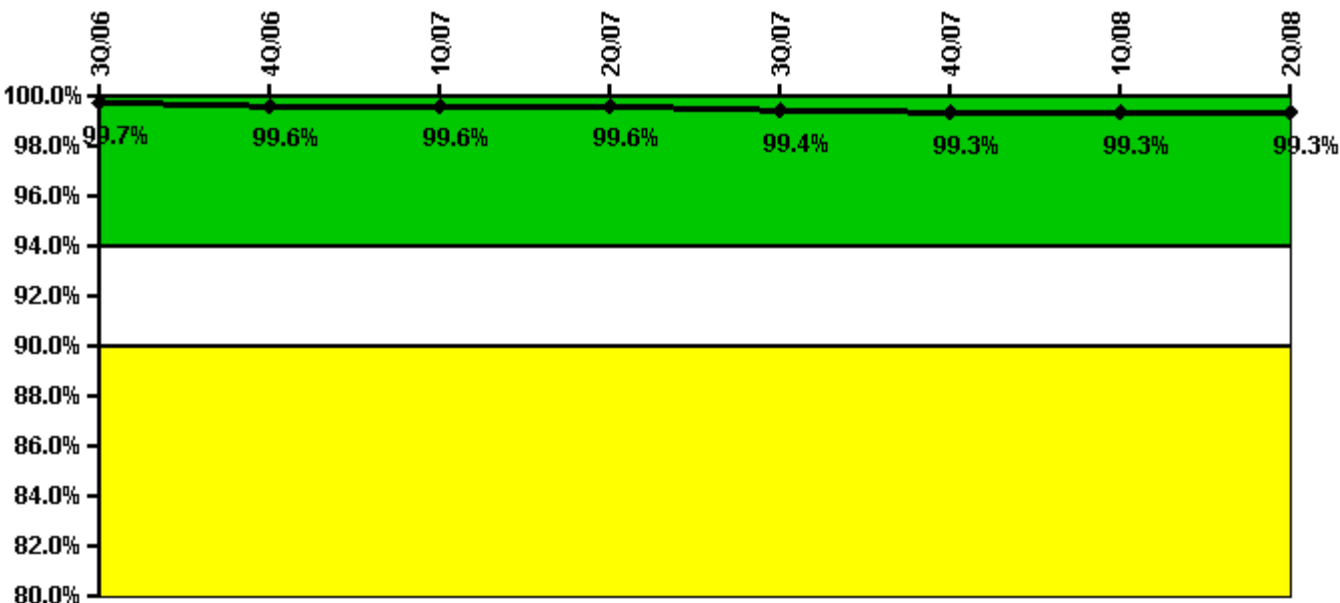
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Participating Key personnel	46.0	45.0	43.0	44.0	42.0	43.0	42.0	42.0
Total Key personnel	46.0	45.0	43.0	44.0	44.0	43.0	42.0	42.0
Indicator value	100.0%	100.0%	100.0%	100.0%	95.5%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

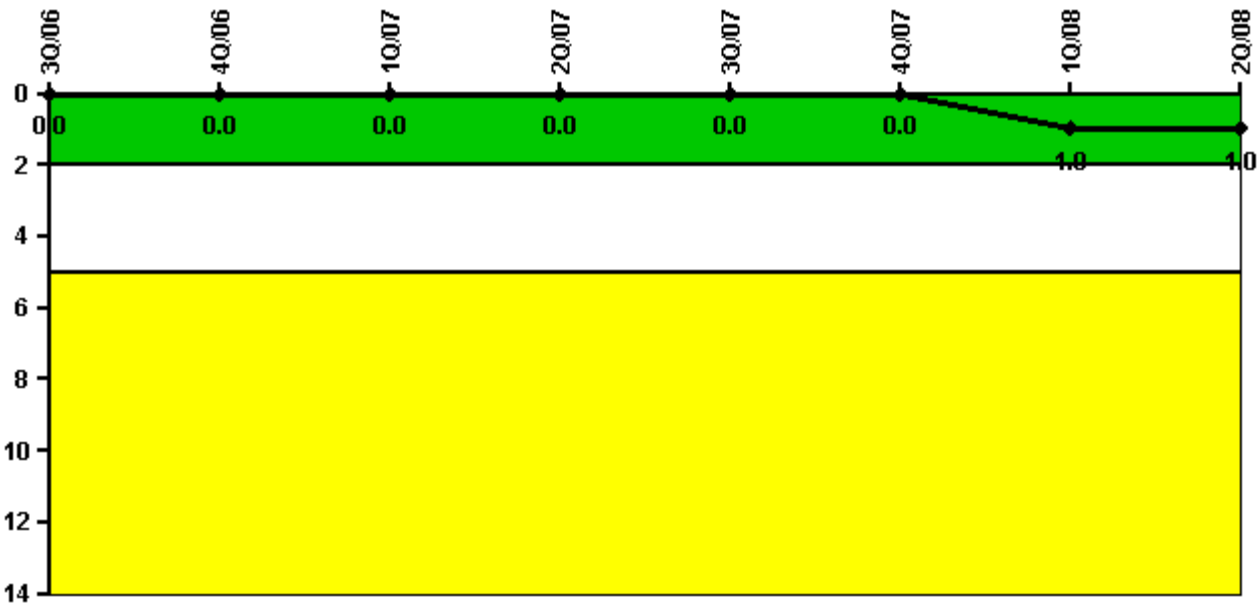
Notes

Alert & Notification System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Successful siren-tests	644	646	565	647	637	563	565	663
Total sirens-tests	648	648	567	648	648	567	567	664
Indicator value	99.7%	99.6%	99.6%	99.6%	99.4%	99.3%	99.3%	99.3%

Licensee Comments:

2Q/08: ANS Successful siren test results for Aug 2007 were corrected to reflect 7 additional failures. This change did not result in an Indicator color change. Change in ANS Testing methodology in April 2008. HNP retired old siren system and placed new siren system in service. Actual testing process has not changed, however the total number of sirens has increased from 81 to 83.

Occupational Exposure Control Effectiveness



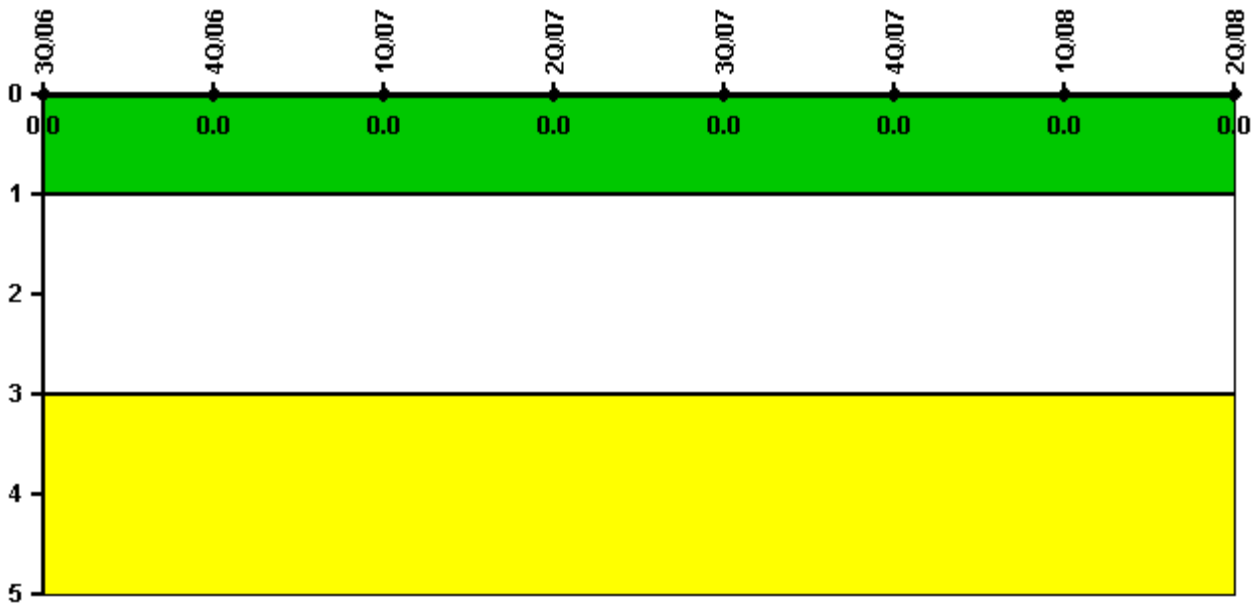
Thresholds: White > 2.0 Yellow > 5.0

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	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	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](#)

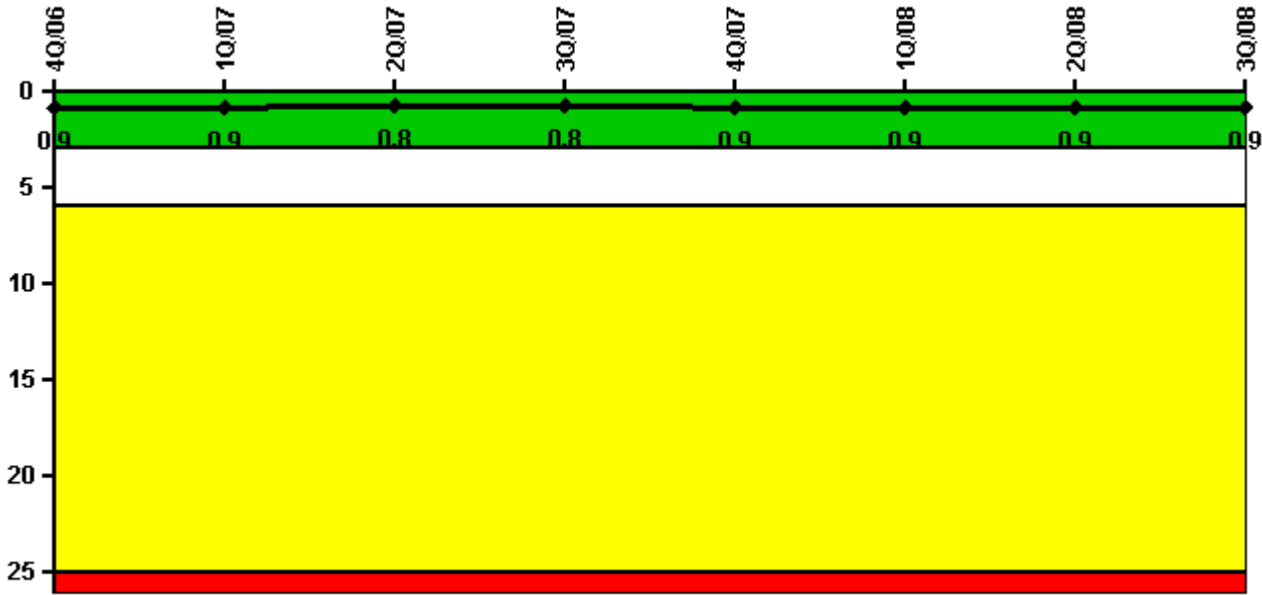
Last Modified: August 4, 2008

Harris 1

3Q/2008 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



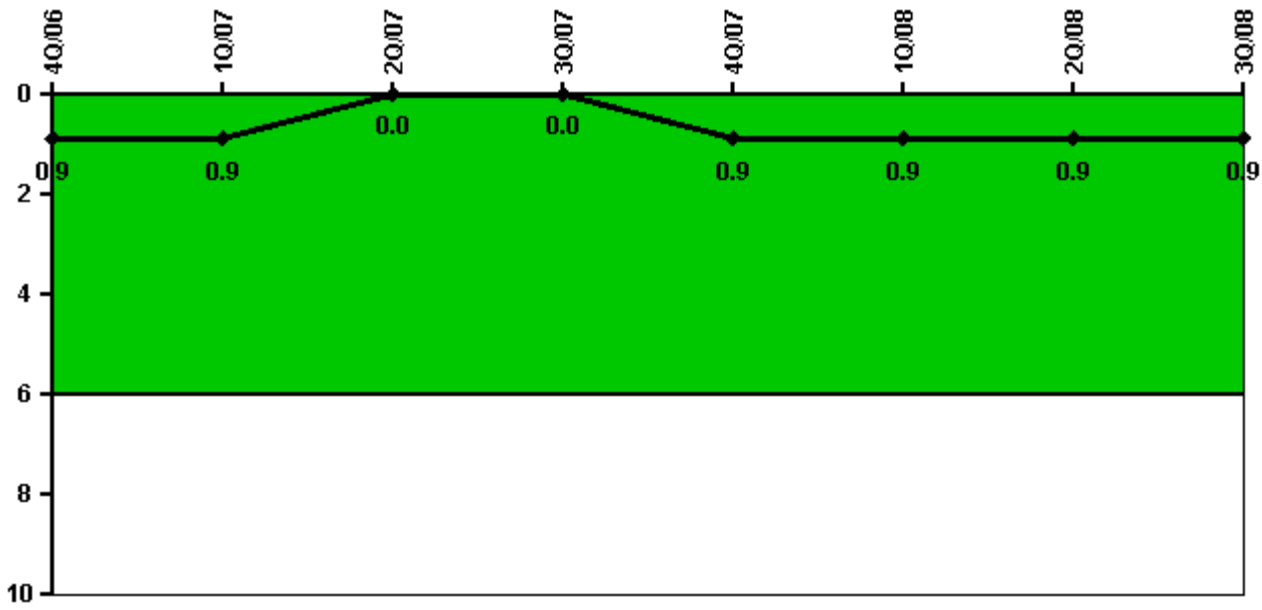
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Unplanned scrams	0	0	0	1.0	0	0	0	1.0
Critical hours	2209.0	2159.0	2184.0	2158.5	1688.1	2183.0	2184.0	1975.9
Indicator value	0.9	0.9	0.8	0.8	0.9	0.9	0.9	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



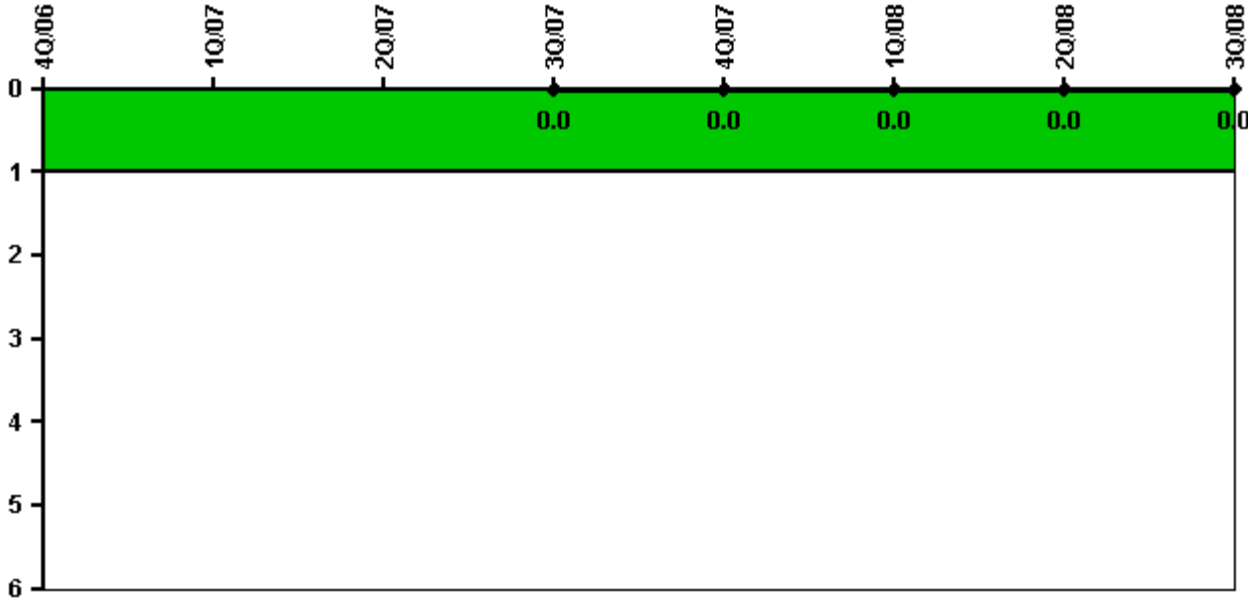
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/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	0
Critical hours	2209.0	2159.0	2184.0	2158.5	1688.1	2183.0	2184.0	1975.9
Indicator value	0.9	0.9	0	0	0.9	0.9	0.9	0.9

Licensee Comments: none

Unplanned Scrams with Complications



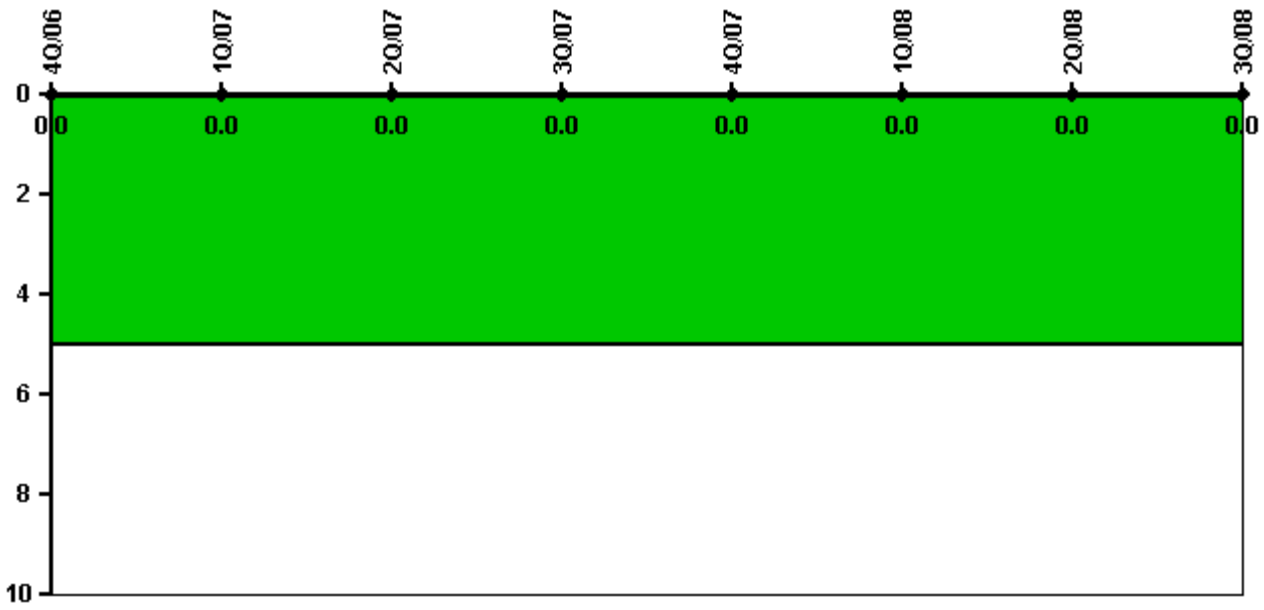
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value				0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



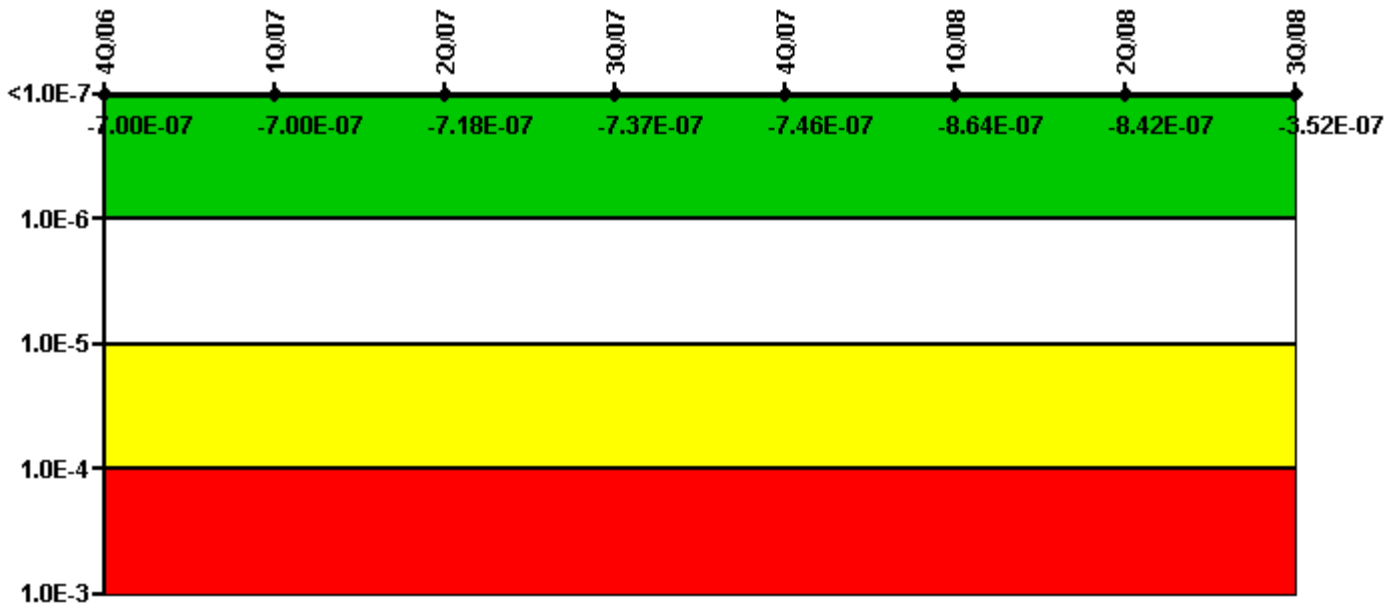
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



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

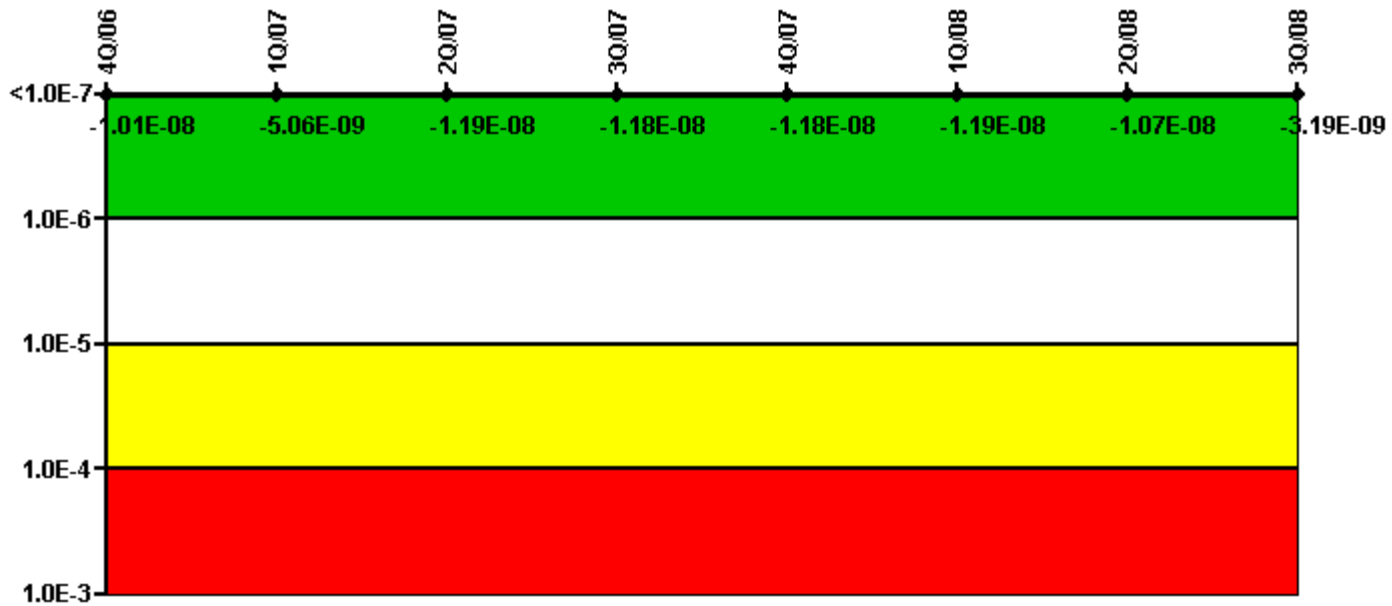
Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI (Δ CDF)	1.10E-07	1.10E-07	9.20E-08	8.30E-08	7.40E-08	-4.40E-08	-2.20E-08	-2.10E-09
URI (Δ CDF)	-8.10E-07	-8.10E-07	-8.10E-07	-8.20E-07	-8.20E-07	-8.20E-07	-8.20E-07	-3.50E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-7.00E-07	-7.00E-07	-7.18E-07	-7.37E-07	-7.46E-07	-8.64E-07	-8.42E-07	-3.52E-07

Licensee Comments:

3Q/08: MSPI Basis Document updated to reflect 2007 PRA Model of Record.

Mitigating Systems Performance Index, High Pressure Injection System



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

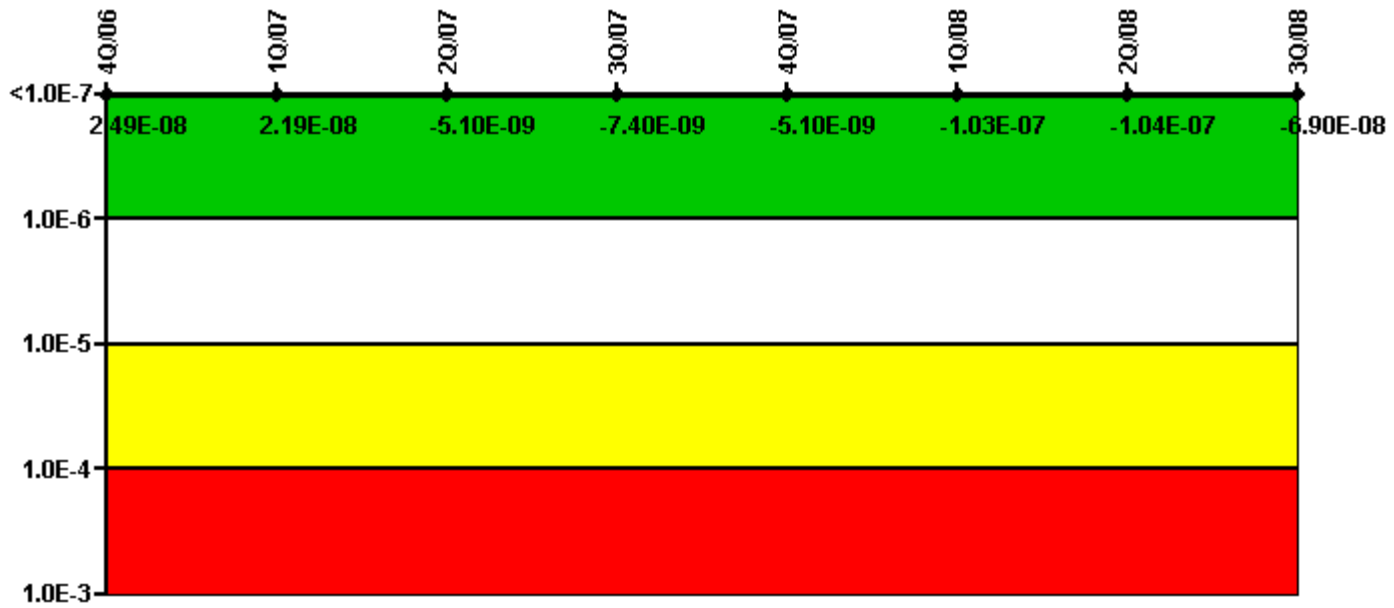
Notes

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)	-1.20E-09	-8.60E-10	-8.80E-10	-7.80E-10	-8.40E-10	-8.50E-10	3.10E-10	-8.70E-11
URI (Δ CDF)	-8.90E-09	-4.20E-09	-1.10E-08	-1.10E-08	-1.10E-08	-1.10E-08	-1.10E-08	-3.10E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.01E-08	-5.06E-09	-1.19E-08	-1.18E-08	-1.18E-08	-1.19E-08	-1.07E-08	-3.19E-09

Licensee Comments:

3Q/08: MSPI Basis Document updated to reflect 2007 PRA Model of Record.

Mitigating Systems Performance Index, Heat Removal System



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

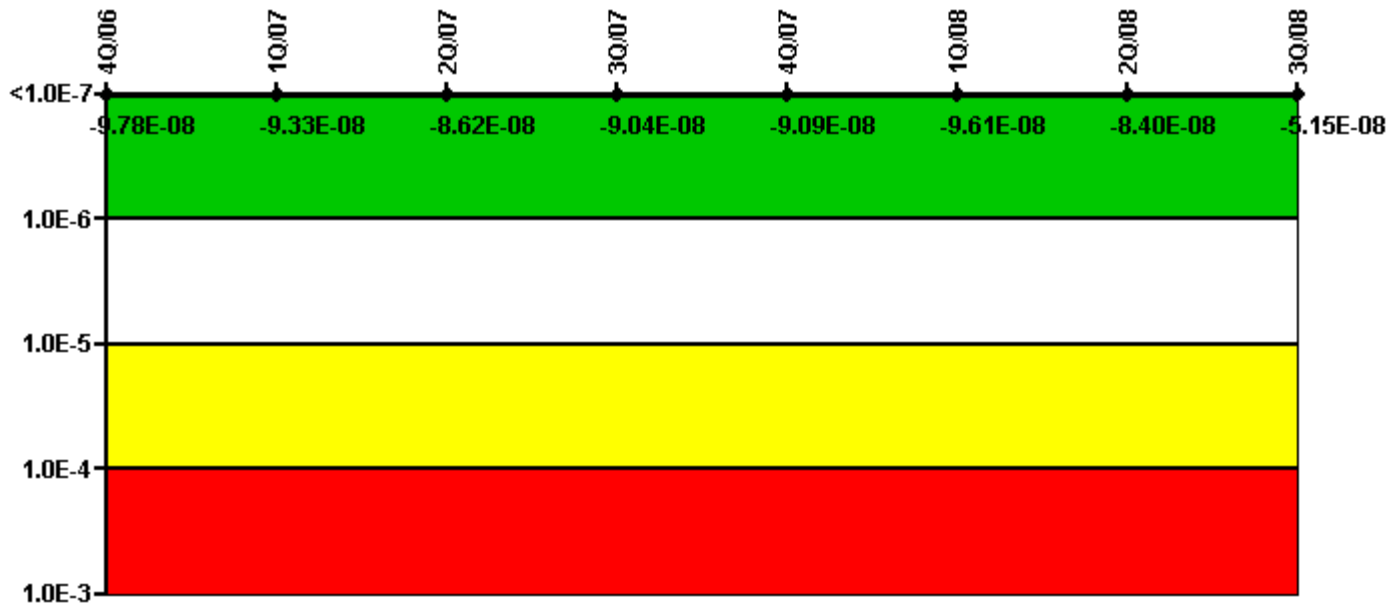
Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI (Δ CDF)	1.90E-08	1.60E-08	-1.20E-08	-1.20E-08	-9.70E-09	-2.40E-08	-2.50E-08	-1.80E-08
URI (Δ CDF)	5.90E-09	5.90E-09	6.90E-09	4.60E-09	4.60E-09	-7.90E-08	-7.90E-08	-5.10E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.49E-08	2.19E-08	-5.10E-09	-7.40E-09	-5.10E-09	-1.03E-07	-1.04E-07	-6.90E-08

Licensee Comments:

3Q/08: MSPI Basis Document updated to reflect 2007 PRA Model of Record.

Mitigating Systems Performance Index, Residual Heat Removal System



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

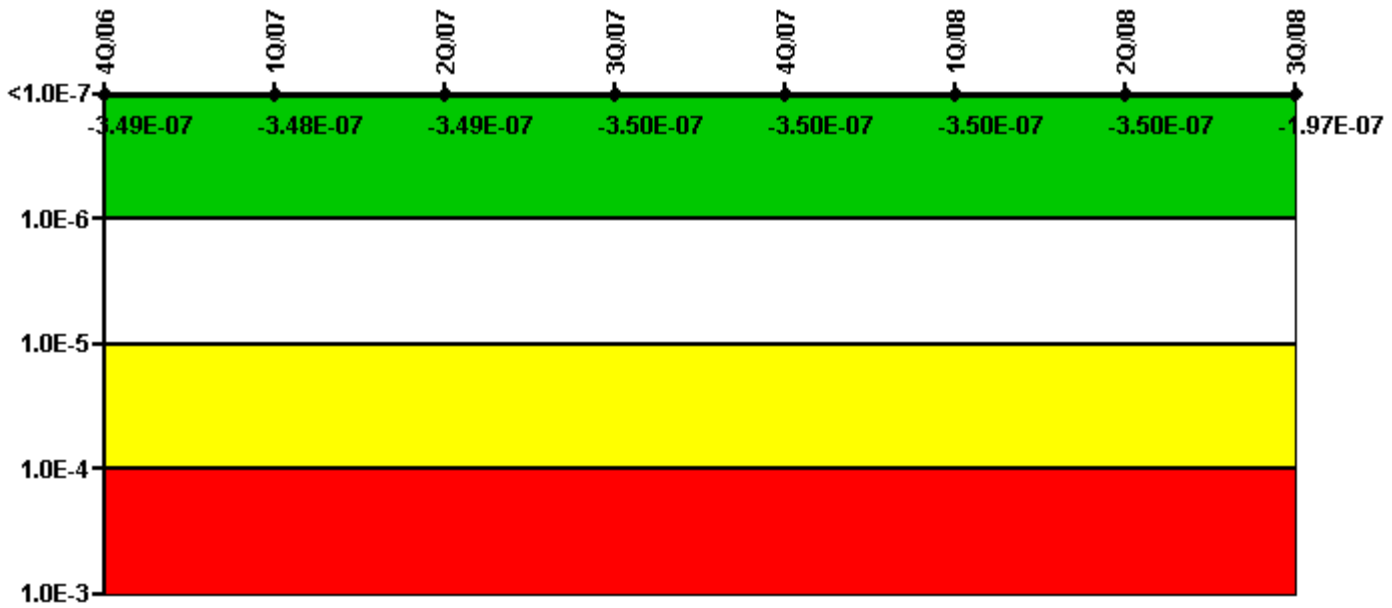
Notes

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)	-1.80E-09	2.70E-09	9.80E-09	5.60E-09	5.10E-09	-7.50E-11	1.20E-08	-1.50E-09
URI (Δ CDF)	-9.60E-08	-9.60E-08	-9.60E-08	-9.60E-08	-9.60E-08	-9.60E-08	-9.60E-08	-5.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-9.78E-08	-9.33E-08	-8.62E-08	-9.04E-08	-9.09E-08	-9.61E-08	-8.40E-08	-5.15E-08

Licensee Comments:

3Q/08: MSPI Basis Document updated to reflect 2007 PRA Model of Record.

Mitigating Systems Performance Index, Cooling Water Systems



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

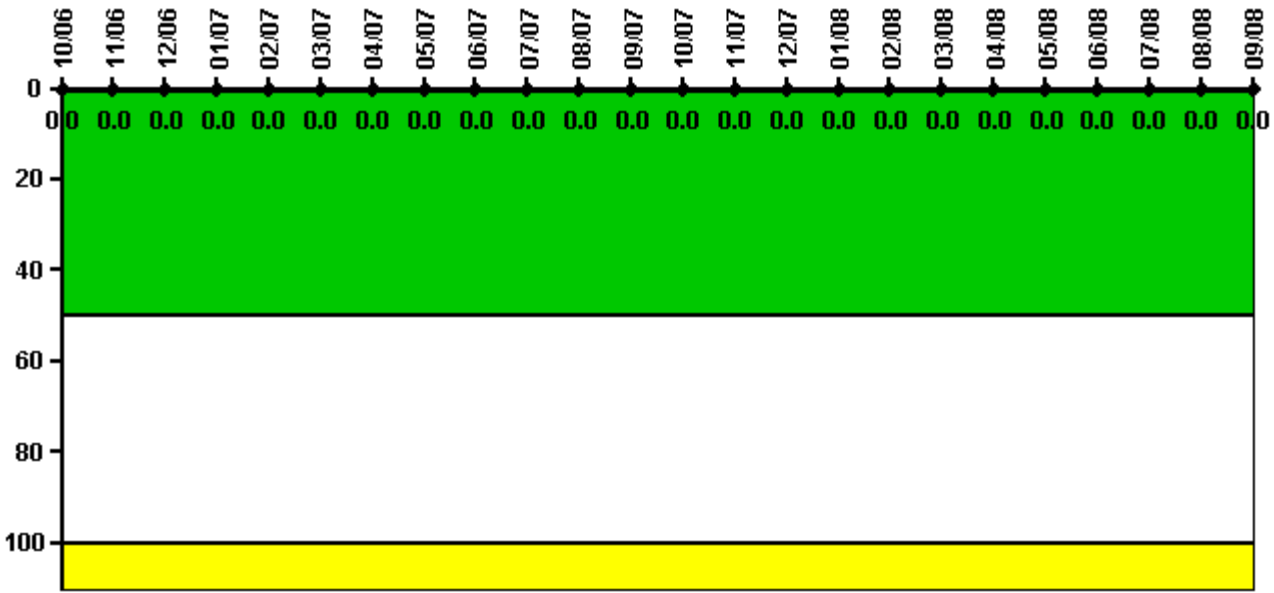
Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI (Δ CDF)	1.10E-09	2.30E-09	7.20E-10	1.30E-10	3.40E-10	3.40E-10	3.40E-10	3.30E-08
URI (Δ CDF)	-3.50E-07	-3.50E-07	-3.50E-07	-3.50E-07	-3.50E-07	-3.50E-07	-3.50E-07	-2.30E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.49E-07	-3.48E-07	-3.49E-07	-3.50E-07	-3.50E-07	-3.50E-07	-3.50E-07	-1.97E-07

Licensee Comments:

3Q/08: MSPI Basis Document updated to reflect 2007 PRA Model of Record. Added two new monitored components: 1SW-39 and 1SW-40.

Reactor Coolant System Activity



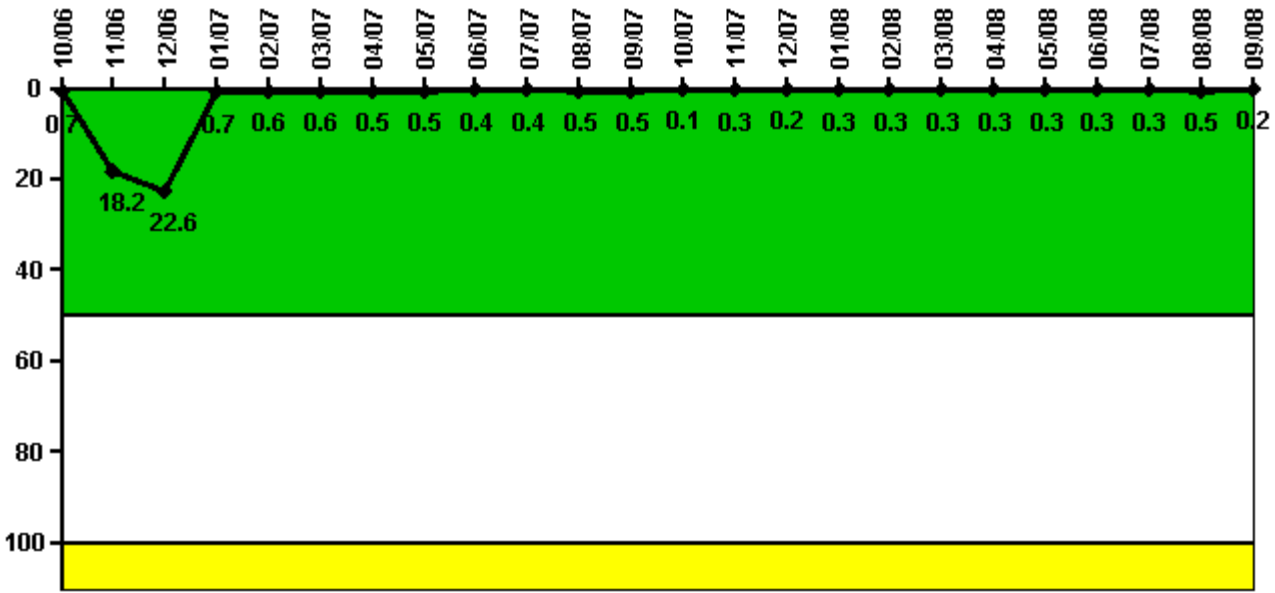
Thresholds: White > 50.0 Yellow > 100.0

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	0.000054	0.000057	0.000059	0.000064	0.000066	0.000067	0.000068	0.000123	0.000074	0.000077	0.000079	0.000116
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08
Maximum activity	0.000033	0.000041	0.000127	0.000045	0.000081	0.000054	0.000054	0.000056	0.000060	0.000061	0.000066	0.000068
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



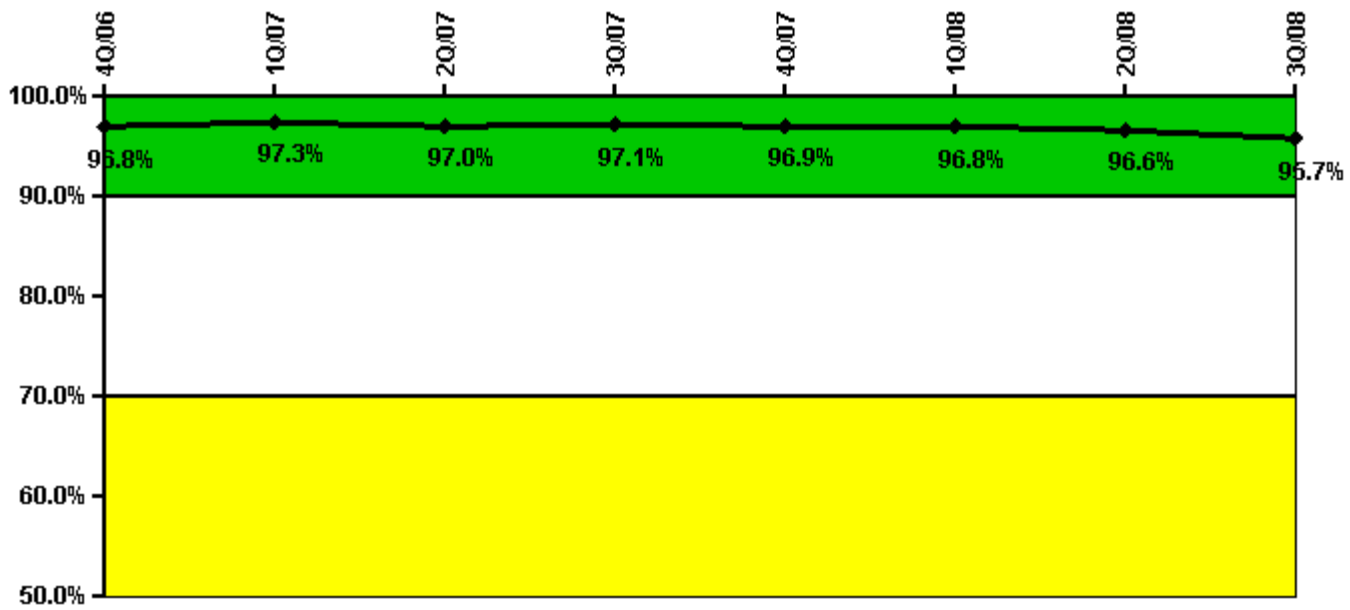
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07
Maximum leakage	0.070	1.820	2.260	0.070	0.060	0.060	0.050	0.050	0.040	0.040	0.050	0.050
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.7	18.2	22.6	0.7	0.6	0.6	0.5	0.5	0.4	0.4	0.5	0.5
Reactor Coolant System Leakage	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08
Maximum leakage	0.010	0.030	0.020	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.050	0.020
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.2

Licensee Comments: none

Drill/Exercise Performance



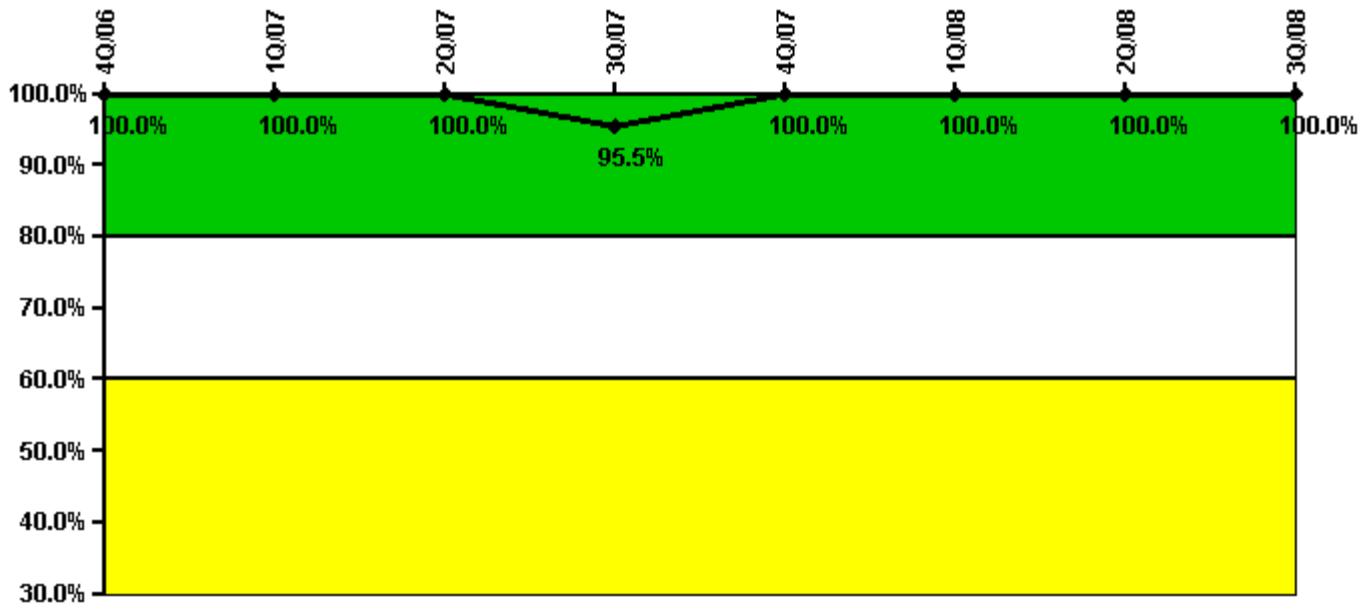
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Successful opportunities	13.0	20.0	38.0	9.0	21.0	6.0	31.0	17.0
Total opportunities	13.0	20.0	40.0	10.0	22.0	6.0	33.0	18.0
Indicator value	96.8%	97.3%	97.0%	97.1%	96.9%	96.8%	96.6%	95.7%

Licensee Comments: none

ERO Drill Participation



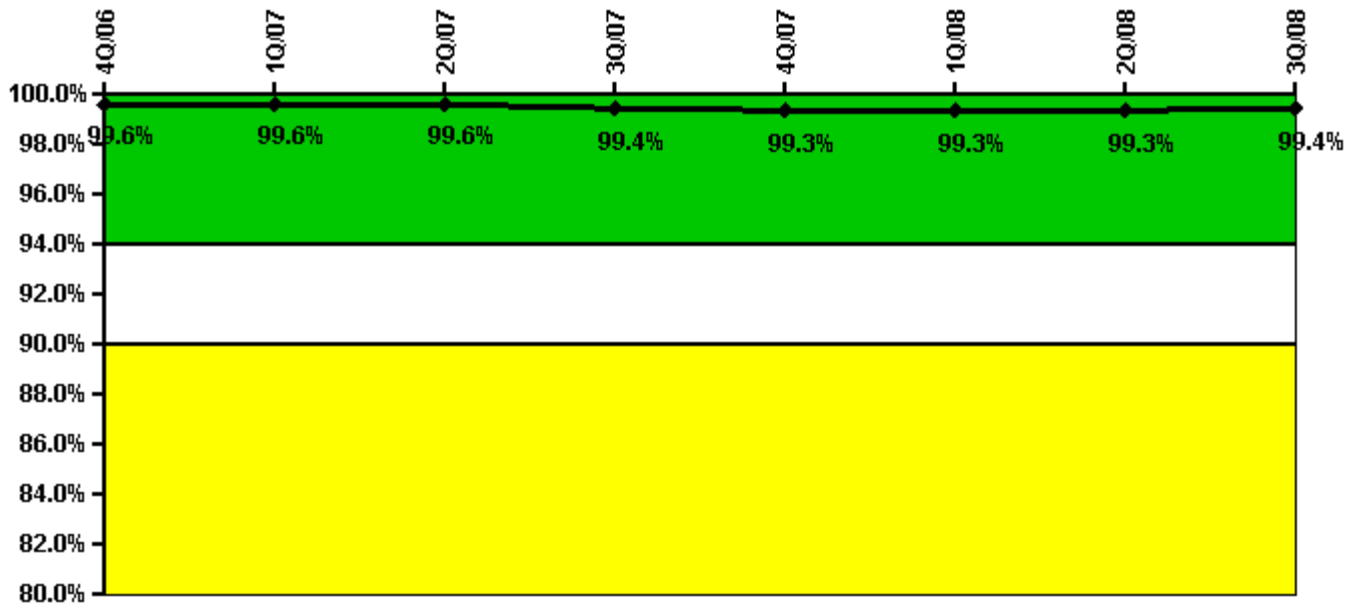
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Participating Key personnel	45.0	43.0	44.0	42.0	43.0	42.0	42.0	45.0
Total Key personnel	45.0	43.0	44.0	44.0	43.0	42.0	42.0	45.0
Indicator value	100.0%	100.0%	100.0%	95.5%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



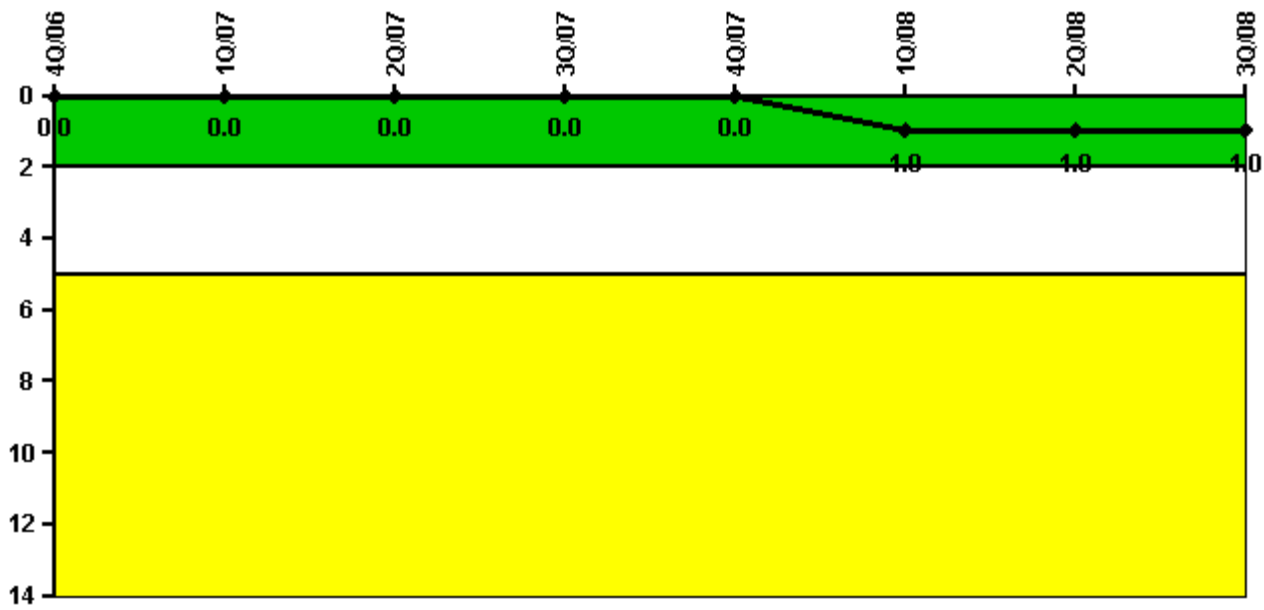
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Successful siren-tests	646	565	647	637	563	565	663	657
Total sirens-tests	648	567	648	648	567	567	664	664
Indicator value	99.6%	99.6%	99.6%	99.4%	99.3%	99.3%	99.3%	99.4%

Licensee Comments: none

Occupational Exposure Control Effectiveness



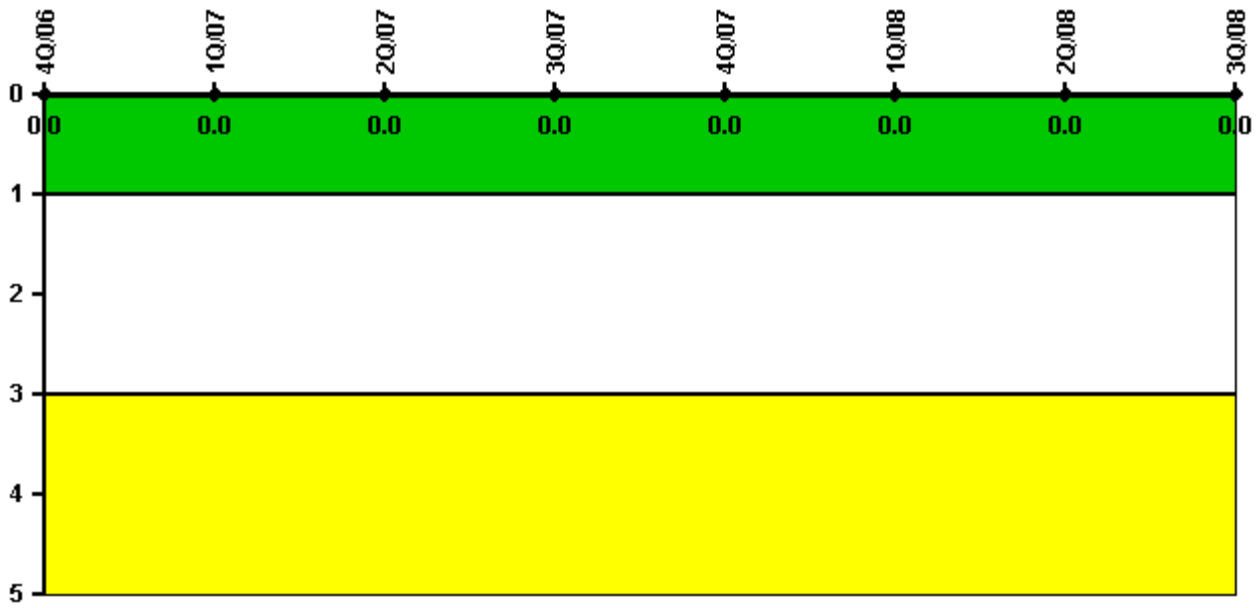
Thresholds: White > 2.0 Yellow > 5.0

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

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	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

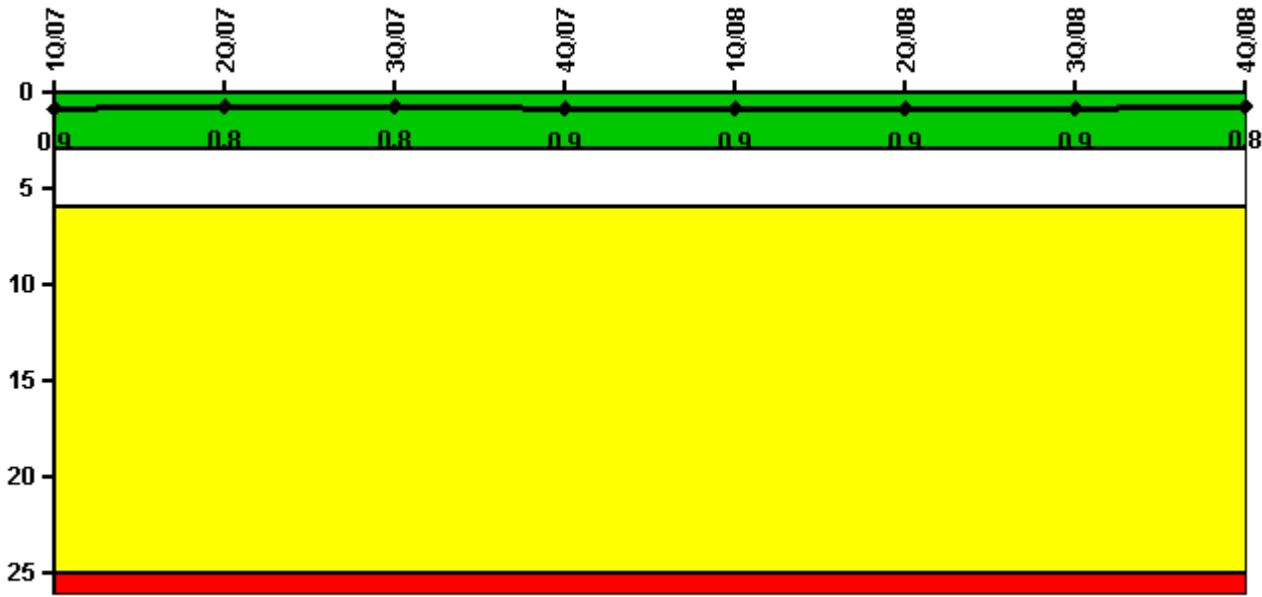
[Security](#) information not publicly available.

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4Q/2008 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



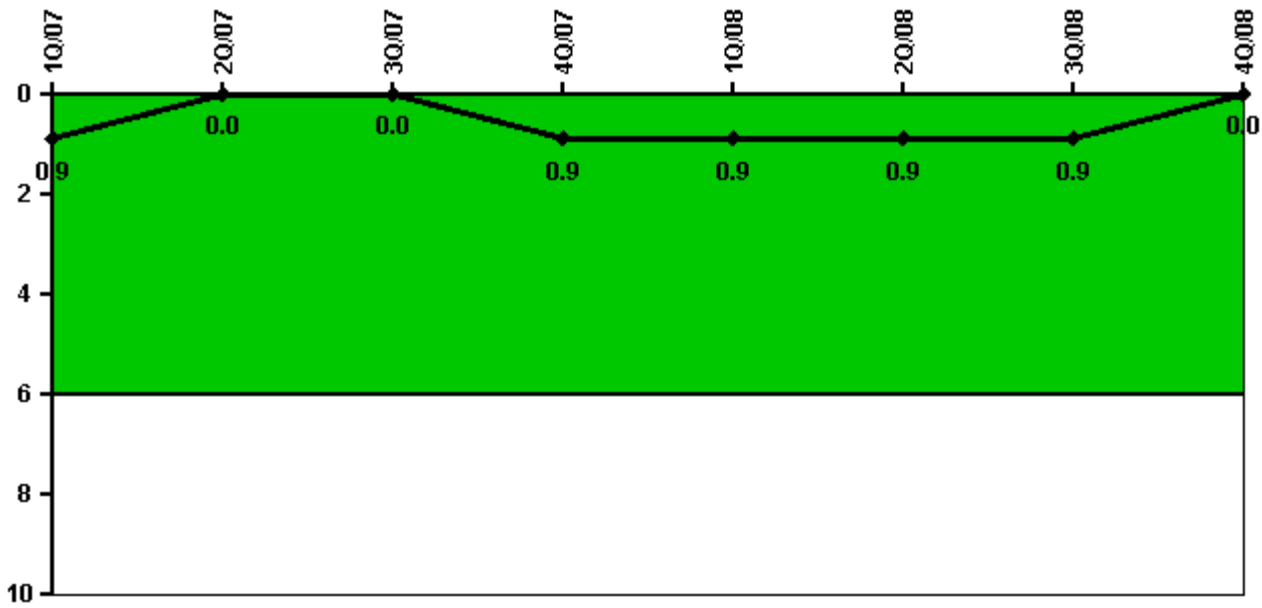
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Unplanned scrams	0	0	1.0	0	0	0	1.0	0
Critical hours	2159.0	2184.0	2158.5	1688.1	2183.0	2184.0	1975.9	2209.0
Indicator value	0.9	0.8	0.8	0.9	0.9	0.9	0.9	0.8

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



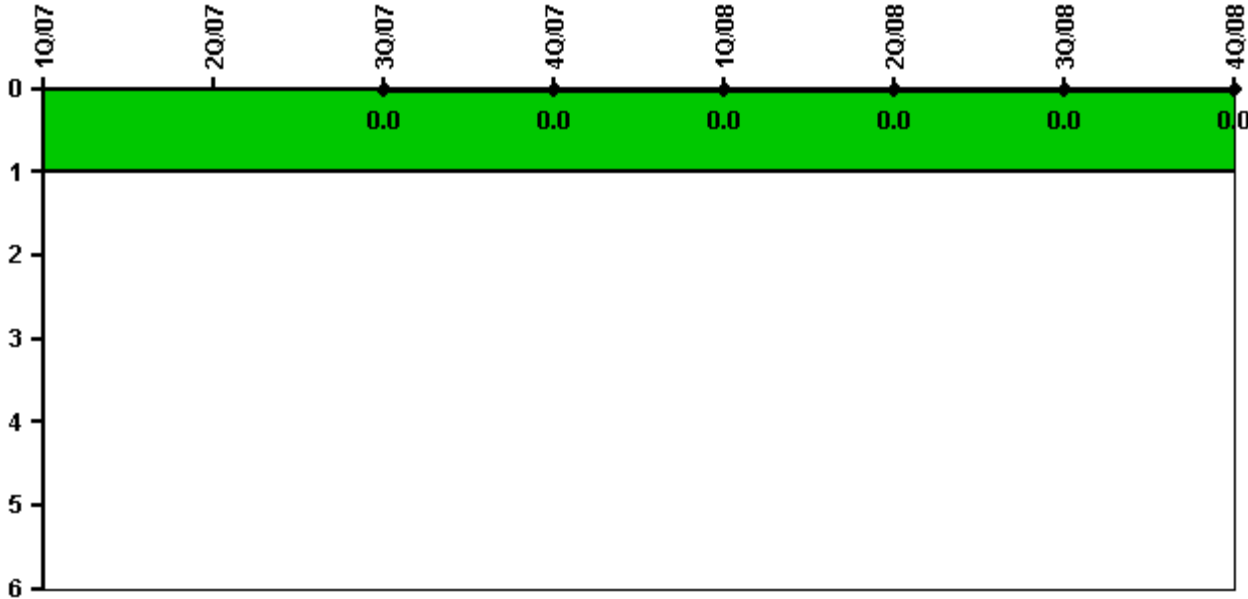
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	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	0	0
Critical hours	2159.0	2184.0	2158.5	1688.1	2183.0	2184.0	1975.9	2209.0
Indicator value	0.9	0	0	0.9	0.9	0.9	0.9	0

Licensee Comments: none

Unplanned Scrams with Complications



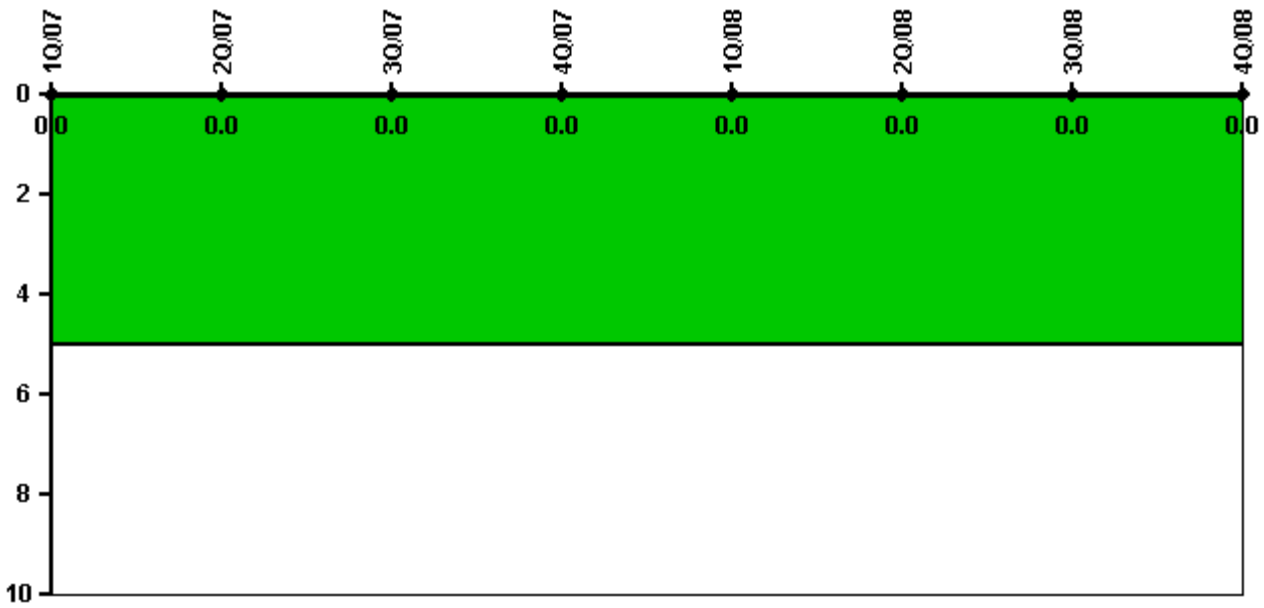
Thresholds: White > 1.0

Notes

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

Licensee Comments: none

Safety System Functional Failures (PWR)



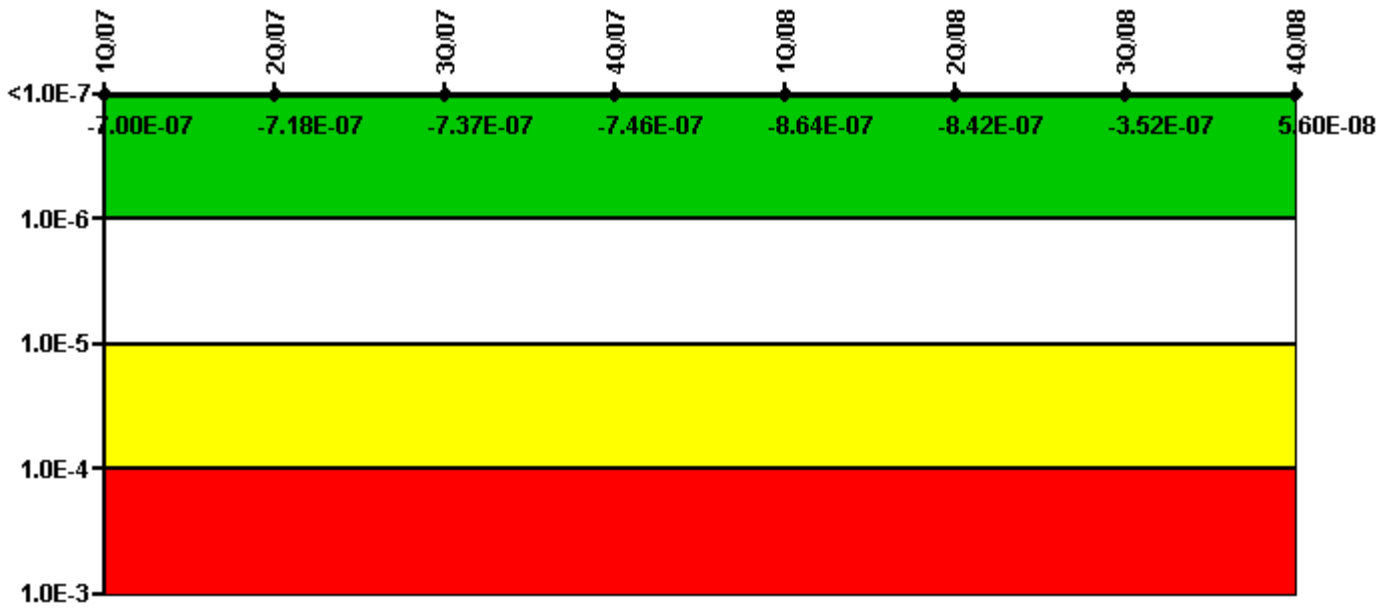
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



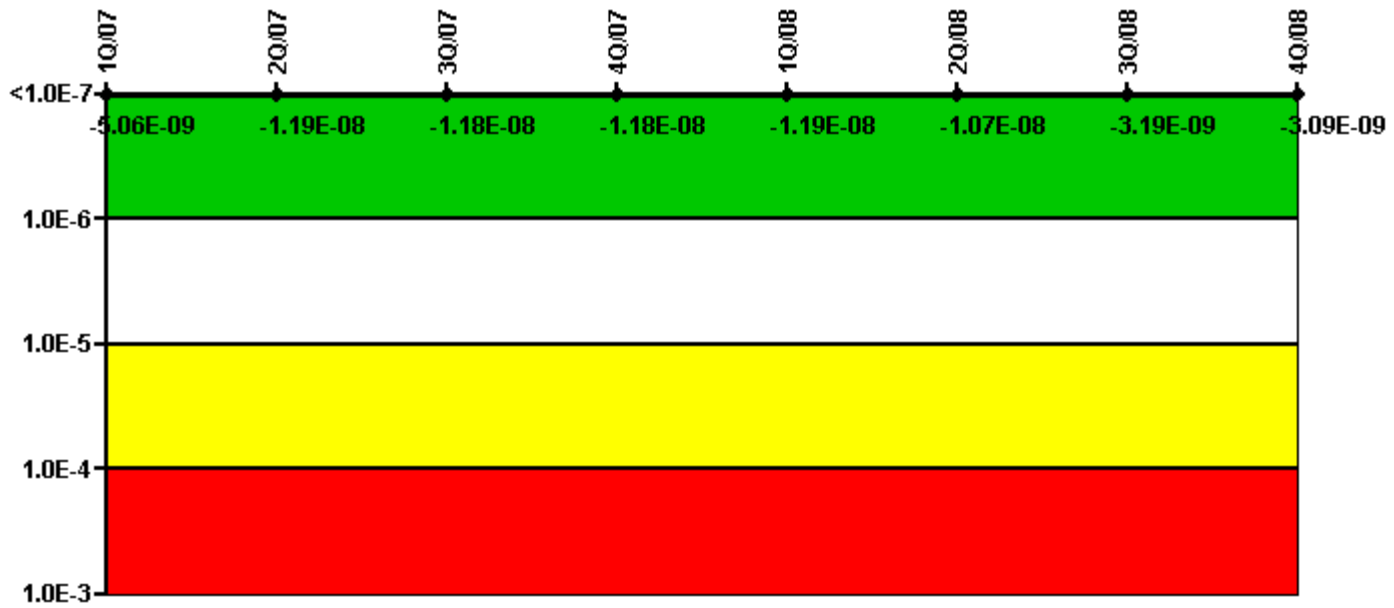
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI (Δ CDF)	1.10E-07	9.20E-08	8.30E-08	7.40E-08	-4.40E-08	-2.20E-08	-2.10E-09	-2.00E-09
URI (Δ CDF)	-8.10E-07	-8.10E-07	-8.20E-07	-8.20E-07	-8.20E-07	-8.20E-07	-3.50E-07	5.80E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-7.00E-07	-7.18E-07	-7.37E-07	-7.46E-07	-8.64E-07	-8.42E-07	-3.52E-07	5.60E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



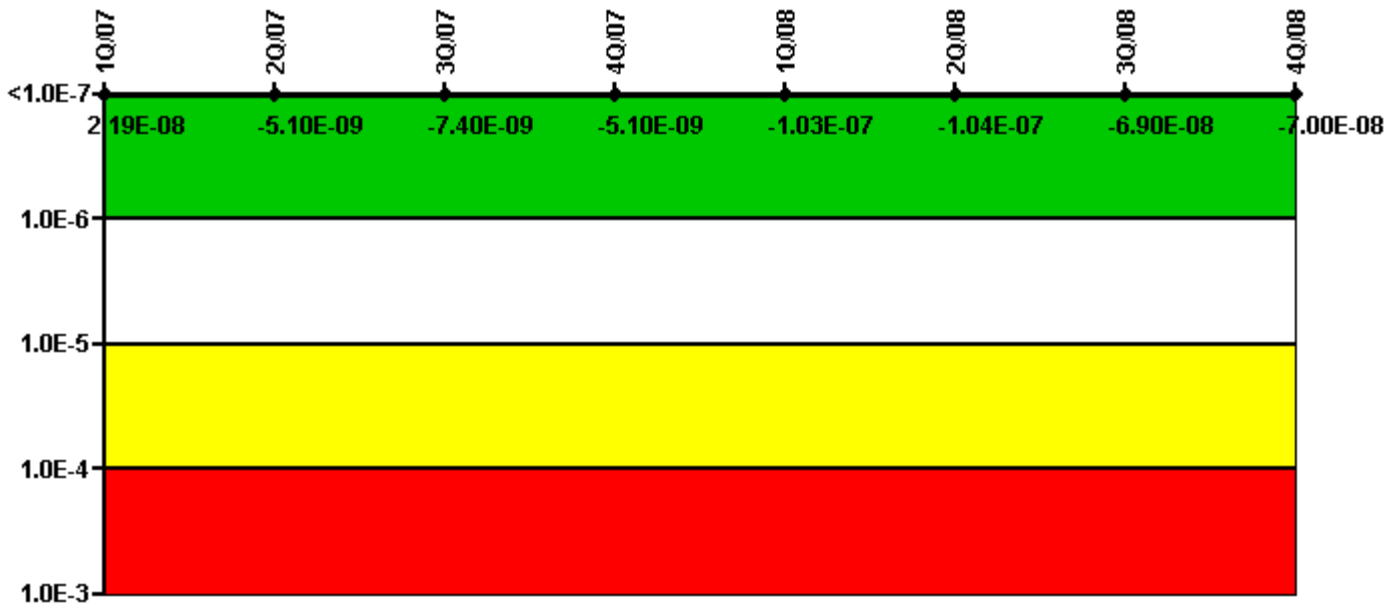
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	-8.60E-10	-8.80E-10	-7.80E-10	-8.40E-10	-8.50E-10	3.10E-10	-8.70E-11	-8.70E-11
URI (Δ CDF)	-4.20E-09	-1.10E-08	-1.10E-08	-1.10E-08	-1.10E-08	-1.10E-08	-3.10E-09	-3.00E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.06E-09	-1.19E-08	-1.18E-08	-1.18E-08	-1.19E-08	-1.07E-08	-3.19E-09	-3.09E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



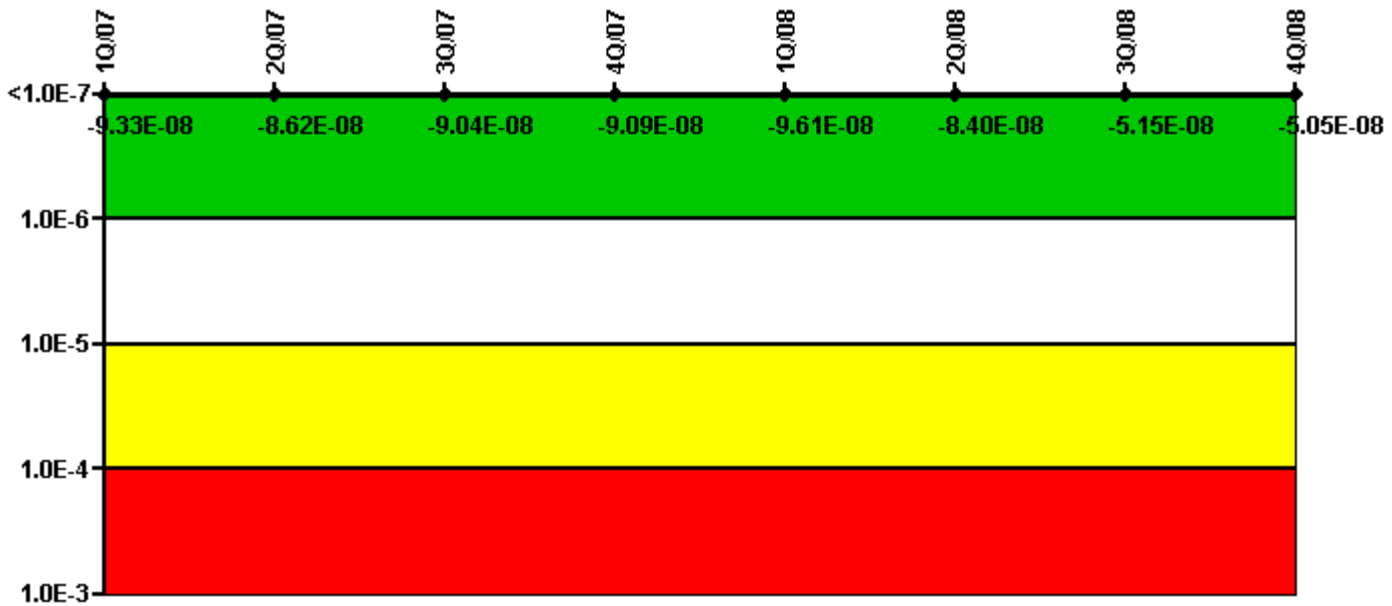
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI (Δ CDF)	1.60E-08	-1.20E-08	-1.20E-08	-9.70E-09	-2.40E-08	-2.50E-08	-1.80E-08	-1.80E-08
URI (Δ CDF)	5.90E-09	6.90E-09	4.60E-09	4.60E-09	-7.90E-08	-7.90E-08	-5.10E-08	-5.20E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.19E-08	-5.10E-09	-7.40E-09	-5.10E-09	-1.03E-07	-1.04E-07	-6.90E-08	-7.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



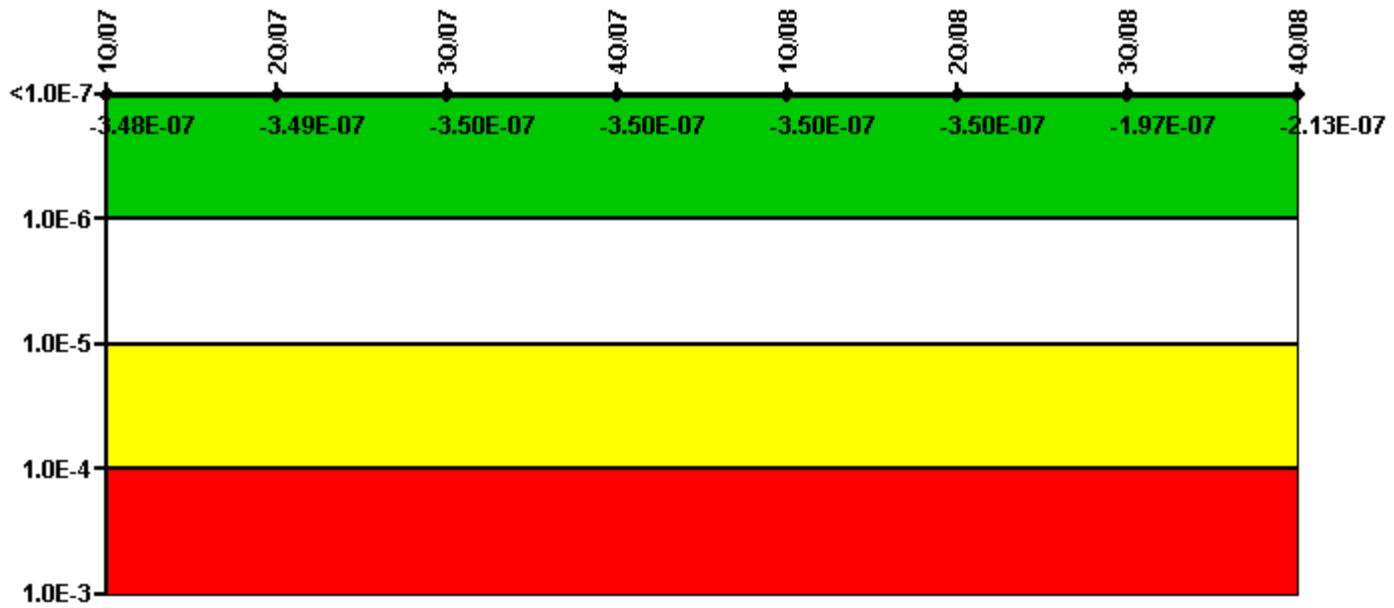
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI (Δ CDF)	2.70E-09	9.80E-09	5.60E-09	5.10E-09	-7.50E-11	1.20E-08	-1.50E-09	-1.50E-09
URI (Δ CDF)	-9.60E-08	-9.60E-08	-9.60E-08	-9.60E-08	-9.60E-08	-9.60E-08	-5.00E-08	-4.90E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-9.33E-08	-8.62E-08	-9.04E-08	-9.09E-08	-9.61E-08	-8.40E-08	-5.15E-08	-5.05E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



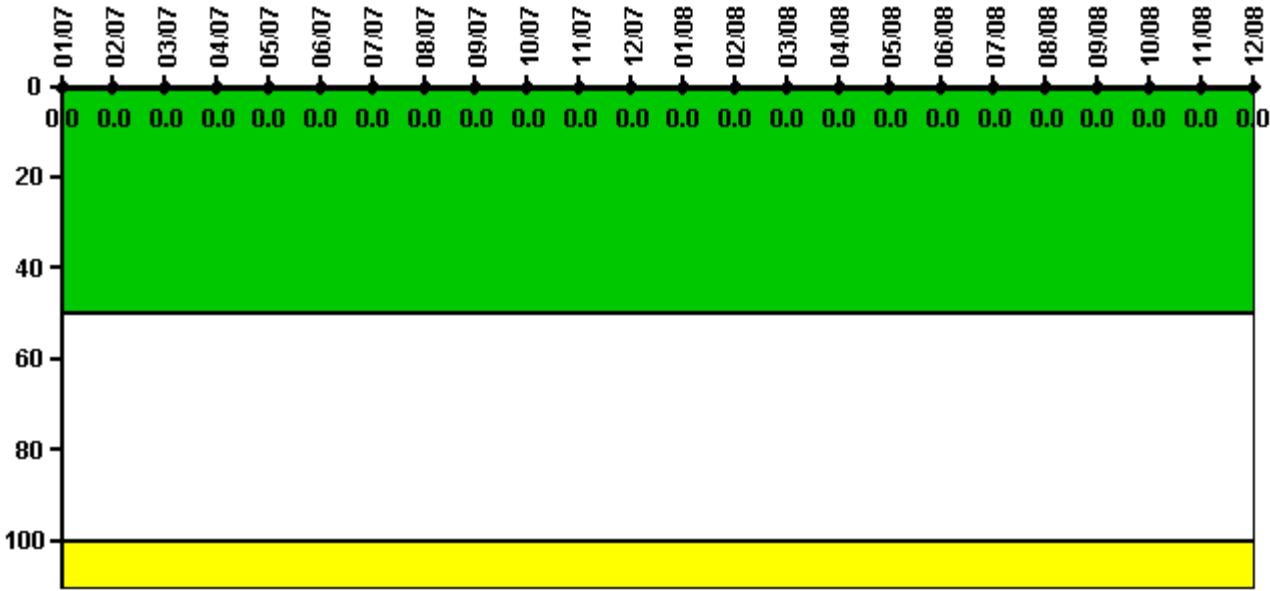
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI (Δ CDF)	2.30E-09	7.20E-10	1.30E-10	3.40E-10	3.40E-10	3.40E-10	3.30E-08	2.70E-08
URI (Δ CDF)	-3.50E-07	-3.50E-07	-3.50E-07	-3.50E-07	-3.50E-07	-3.50E-07	-2.30E-07	-2.40E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.48E-07	-3.49E-07	-3.50E-07	-3.50E-07	-3.50E-07	-3.50E-07	-1.97E-07	-2.13E-07

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

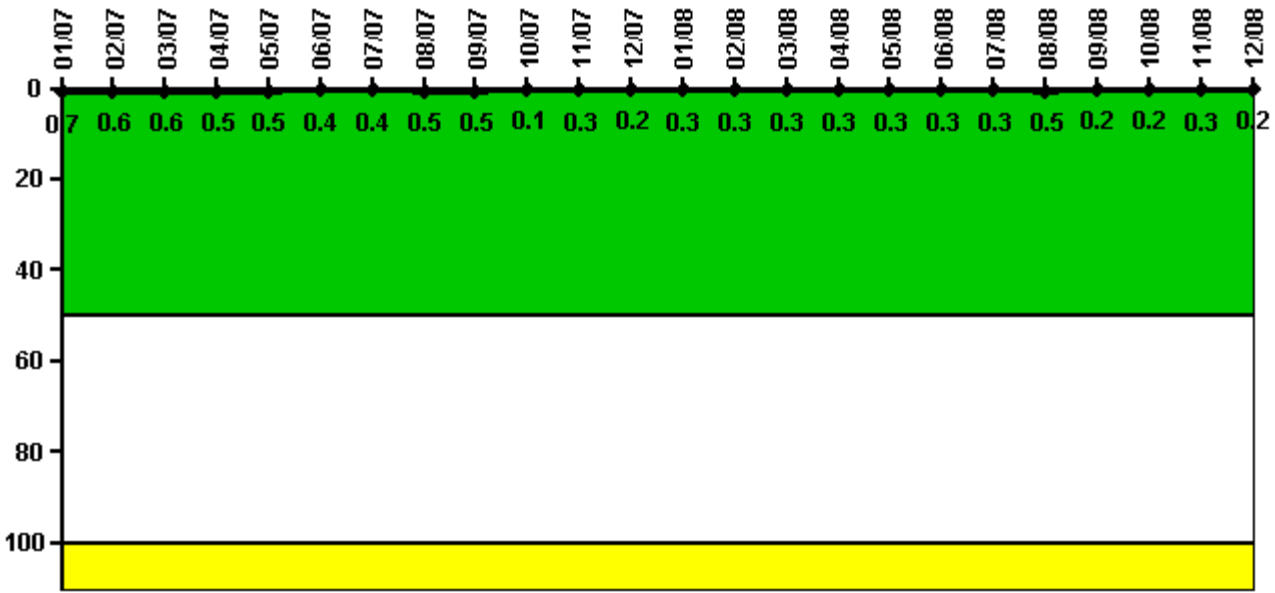
Notes

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	0.000064	0.000066	0.000067	0.000068	0.000123	0.000074	0.000077	0.000079	0.000116	0.000033	0.000041	0.000127
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	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	0.000045	0.000081	0.000054	0.000054	0.000056	0.000060	0.000061	0.000066	0.000068	0.000071	0.000073	0.000079
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



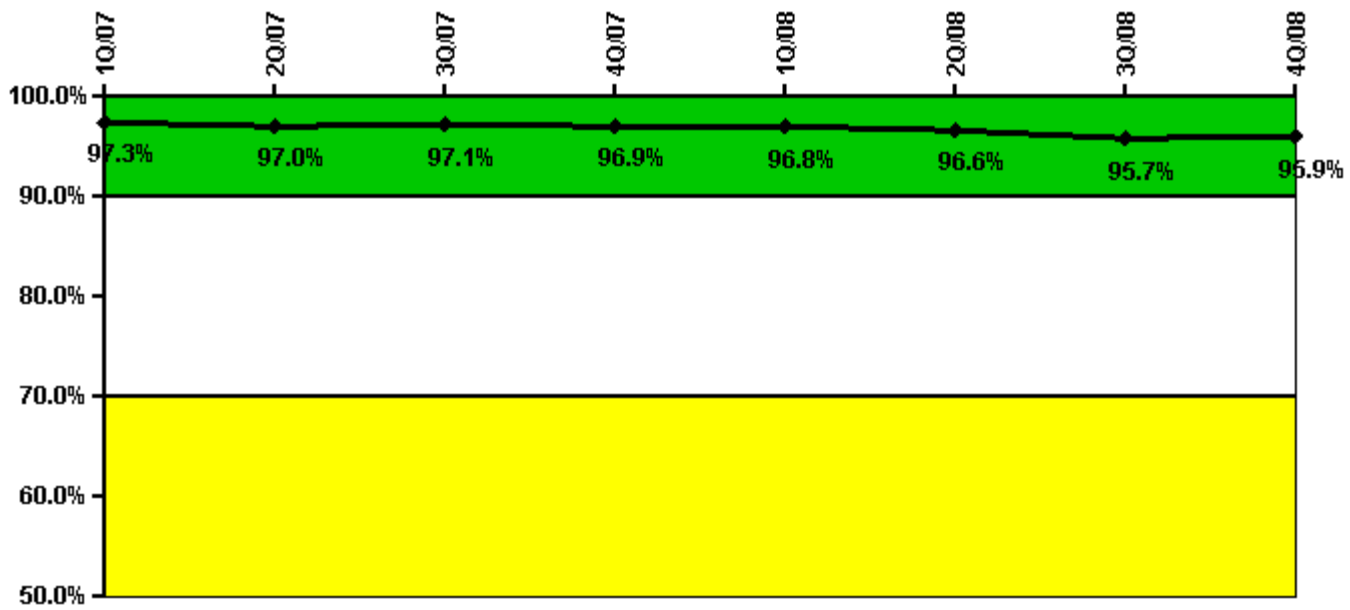
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07
Maximum leakage	0.070	0.060	0.060	0.050	0.050	0.040	0.040	0.050	0.050	0.010	0.030	0.020
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.7	0.6	0.6	0.5	0.5	0.4	0.4	0.5	0.5	0.1	0.3	0.2
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	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.050	0.020	0.020	0.030	0.020
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.2	0.2	0.3	0.2

Licensee Comments: none

Drill/Exercise Performance



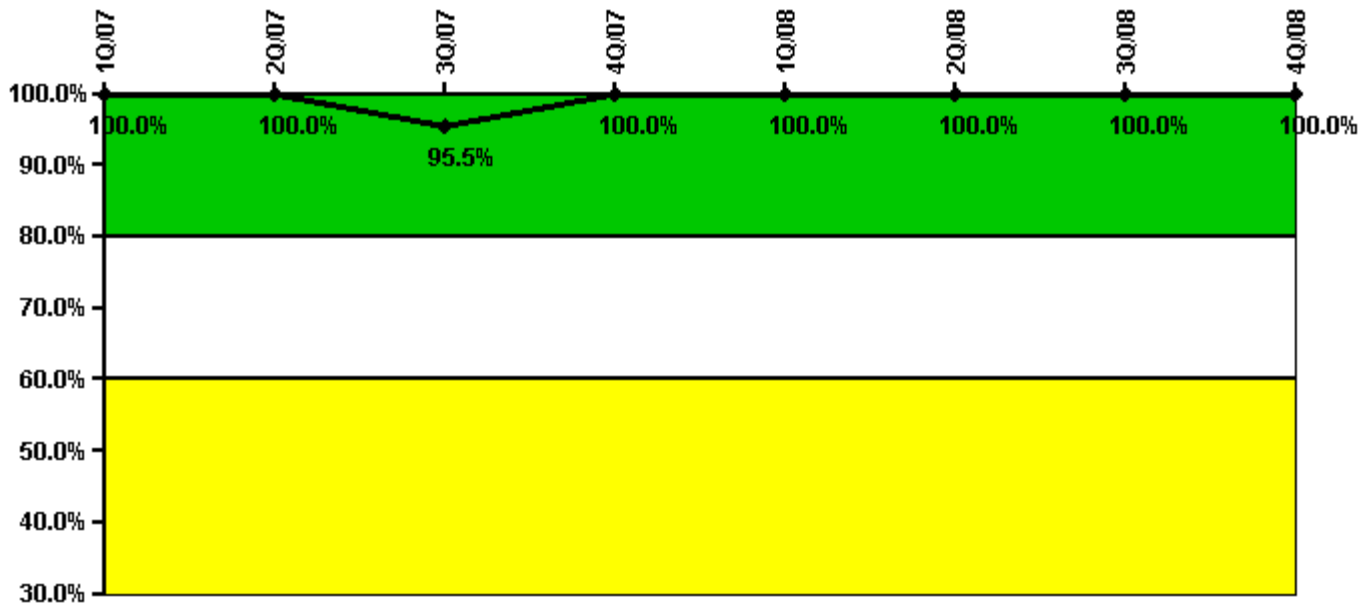
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Successful opportunities	20.0	38.0	9.0	21.0	6.0	31.0	17.0	23.0
Total opportunities	20.0	40.0	10.0	22.0	6.0	33.0	18.0	23.0
Indicator value	97.3%	97.0%	97.1%	96.9%	96.8%	96.6%	95.7%	95.9%

Licensee Comments: none

ERO Drill Participation



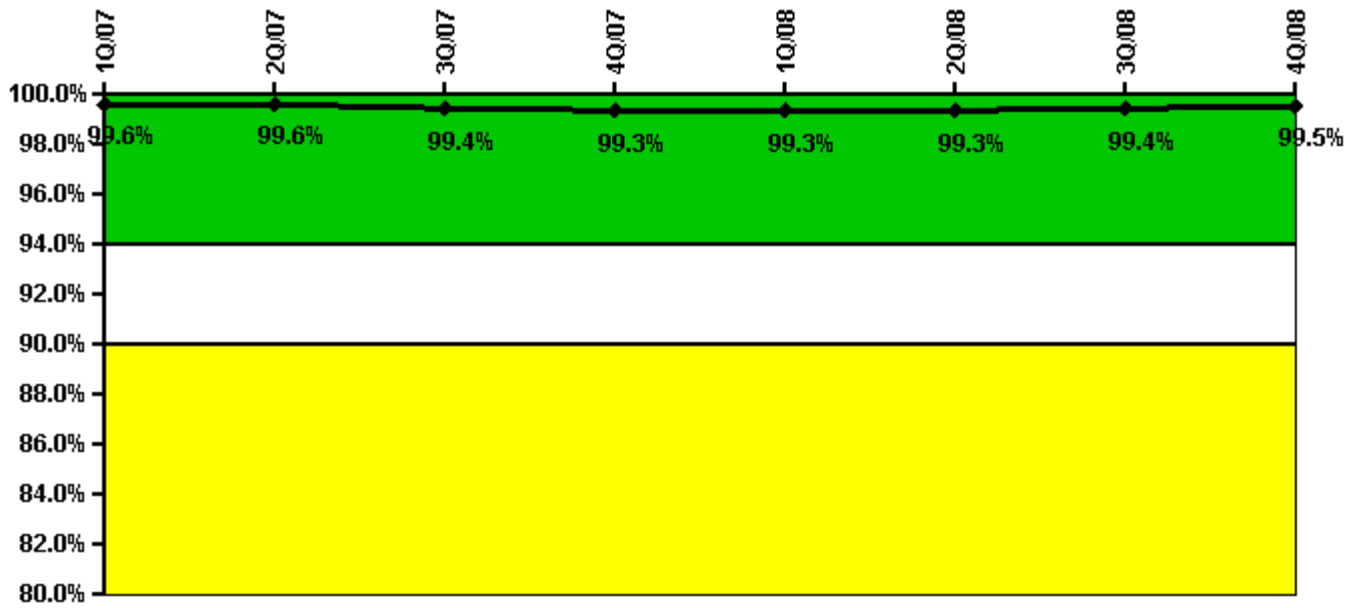
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Participating Key personnel	43.0	44.0	42.0	43.0	42.0	42.0	45.0	43.0
Total Key personnel	43.0	44.0	44.0	43.0	42.0	42.0	45.0	43.0
Indicator value	100.0%	100.0%	95.5%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



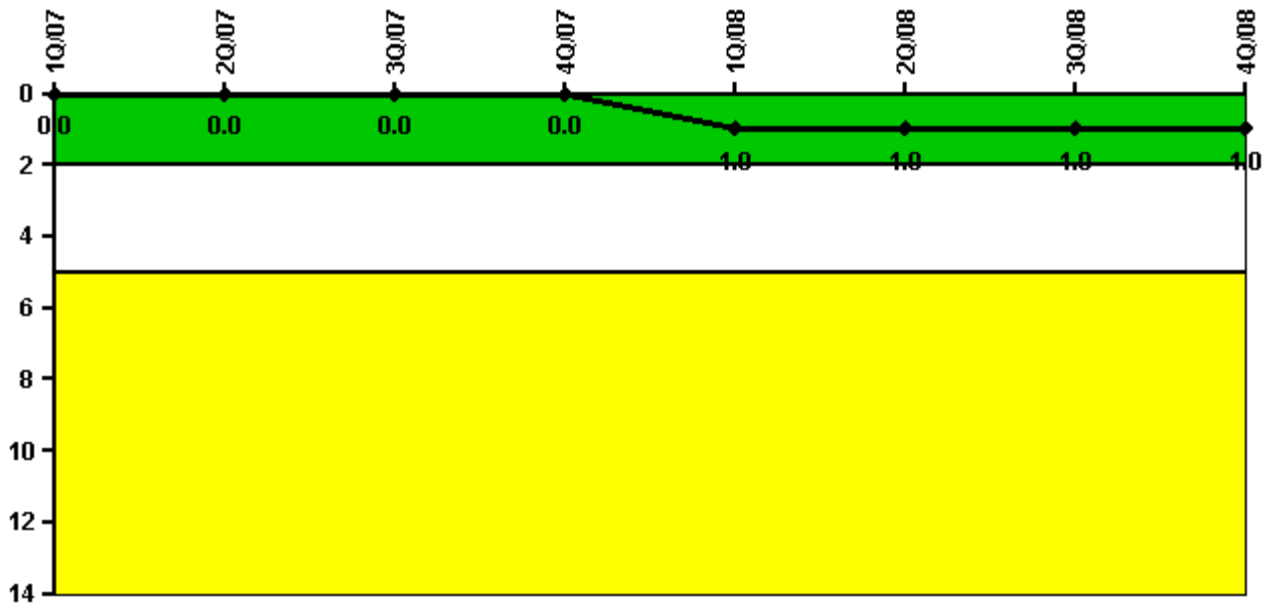
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Successful siren-tests	565	647	637	563	565	663	657	662
Total sirens-tests	567	648	648	567	567	664	664	664
Indicator value	99.6%	99.6%	99.4%	99.3%	99.3%	99.3%	99.4%	99.5%

Licensee Comments: none

Occupational Exposure Control Effectiveness



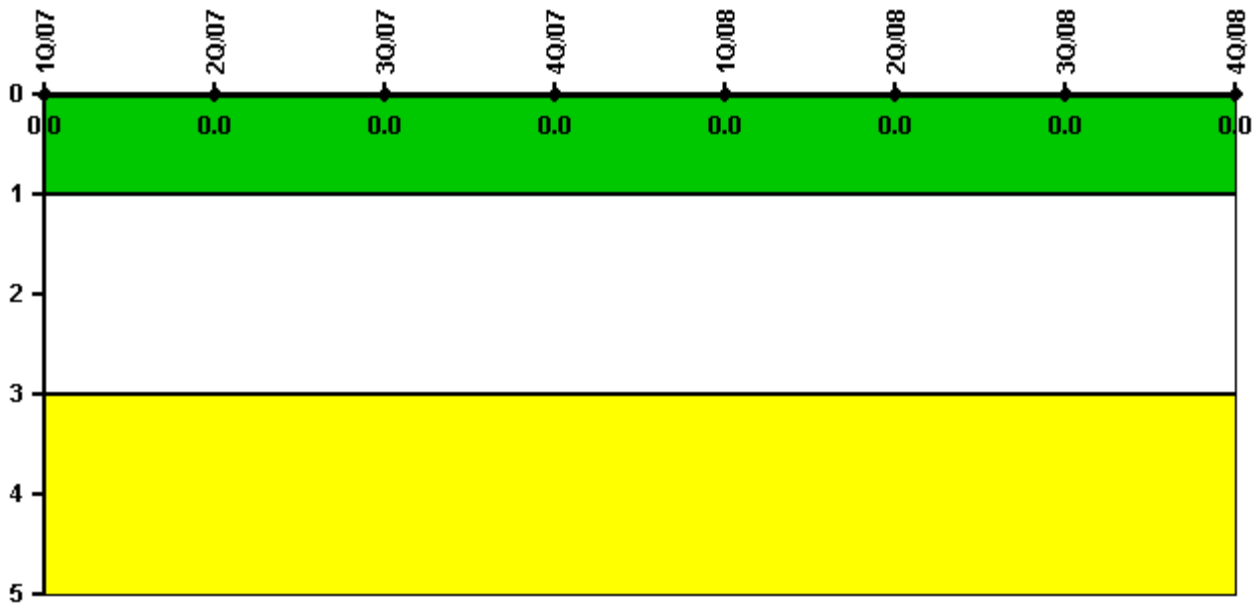
Thresholds: White > 2.0 Yellow > 5.0

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	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	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

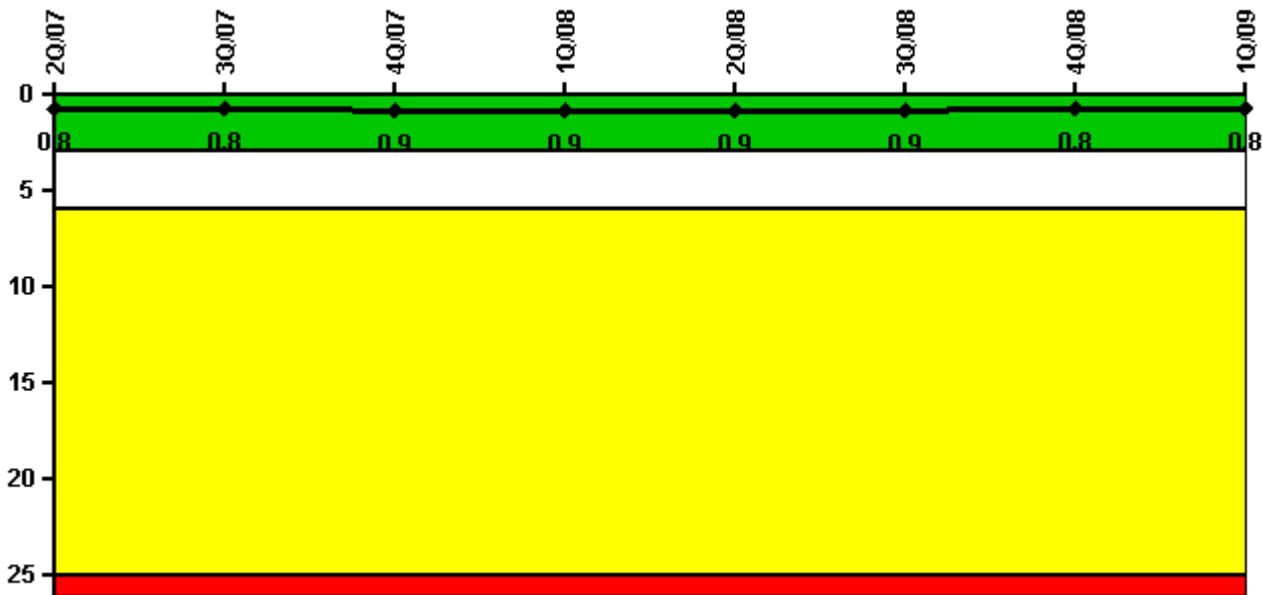
[Security](#) information not publicly available.

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1Q/2009 Performance Indicators

Licensee's General Comments: 6 successful Drill, Exercise and Event Opportunities were identified in February 2009 that impact the month of October 2008. No color shift.

Unplanned Scrams per 7000 Critical Hrs



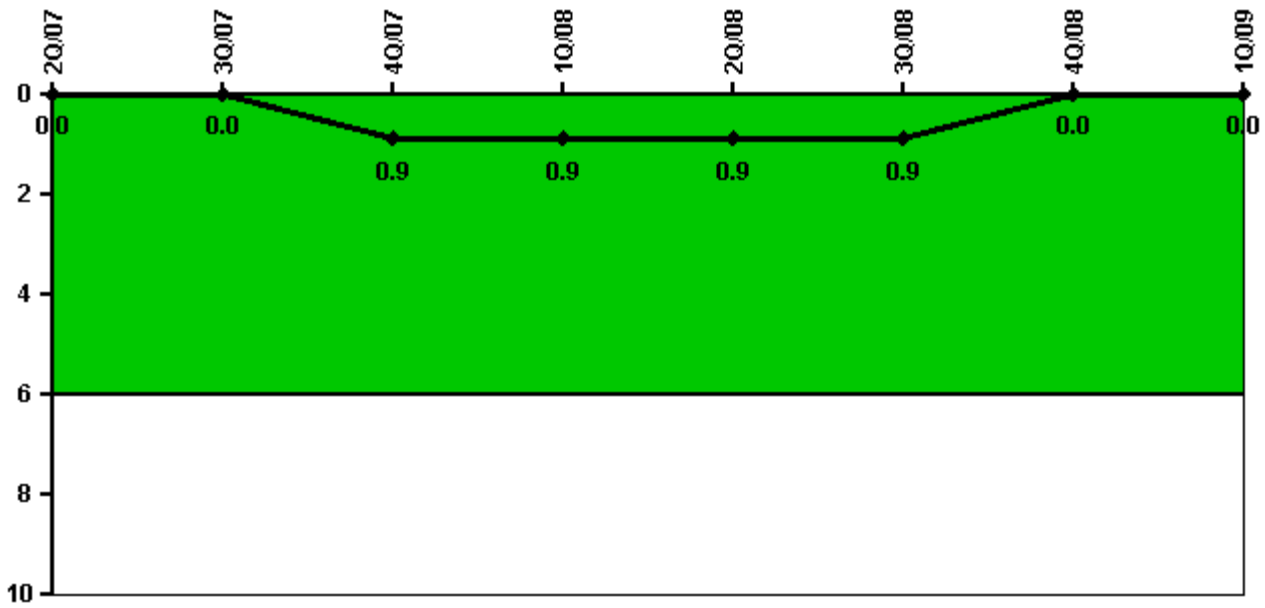
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Unplanned scrams	0	1.0	0	0	0	1.0	0	0
Critical hours	2184.0	2158.5	1688.1	2183.0	2184.0	1975.9	2209.0	2159.0
Indicator value	0.8	0.8	0.9	0.9	0.9	0.9	0.8	0.8

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



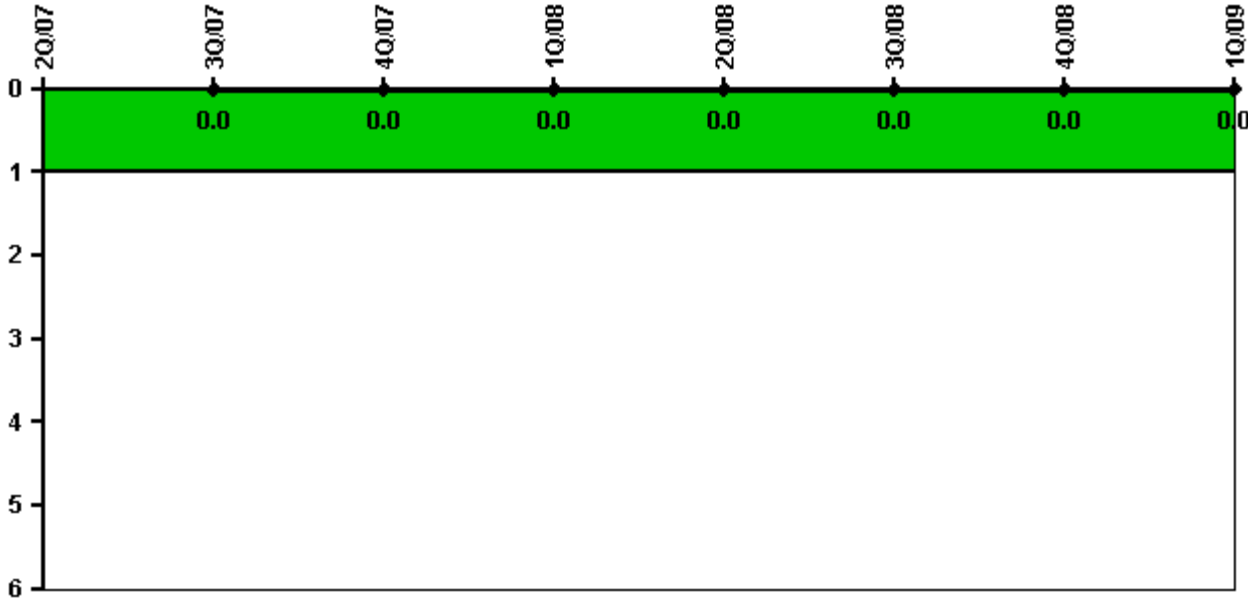
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	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	0	0	0
Critical hours	2184.0	2158.5	1688.1	2183.0	2184.0	1975.9	2209.0	2159.0
Indicator value	0	0	0.9	0.9	0.9	0.9	0	0

Licensee Comments: none

Unplanned Scrams with Complications



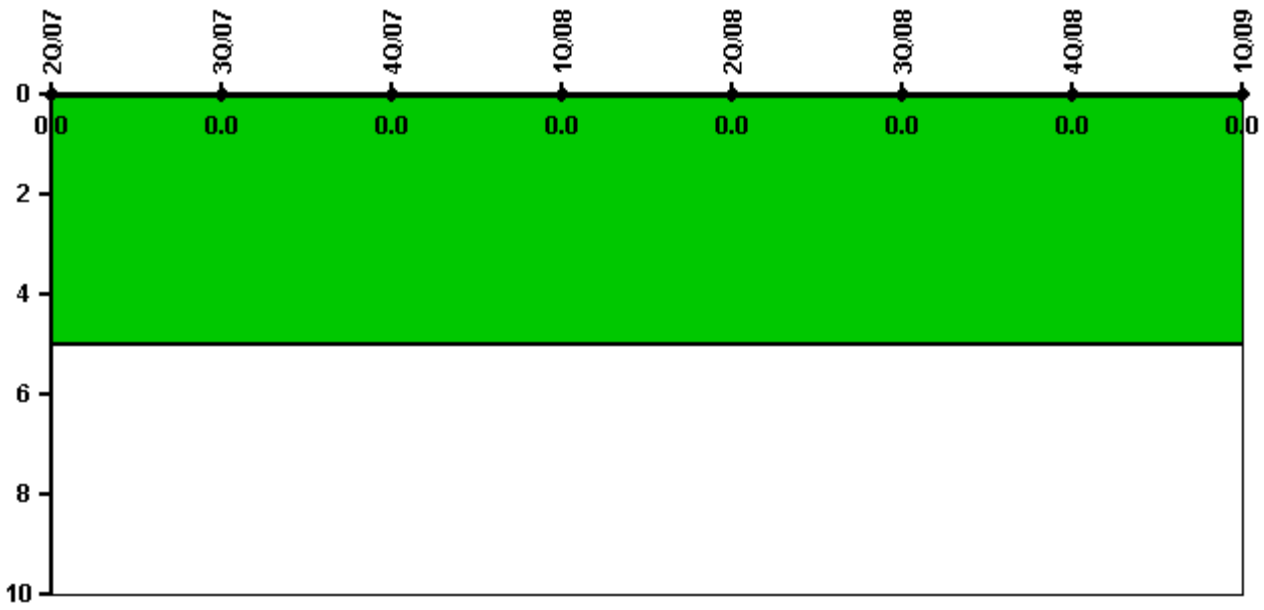
Thresholds: White > 1.0

Notes

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

Licensee Comments: none

Safety System Functional Failures (PWR)



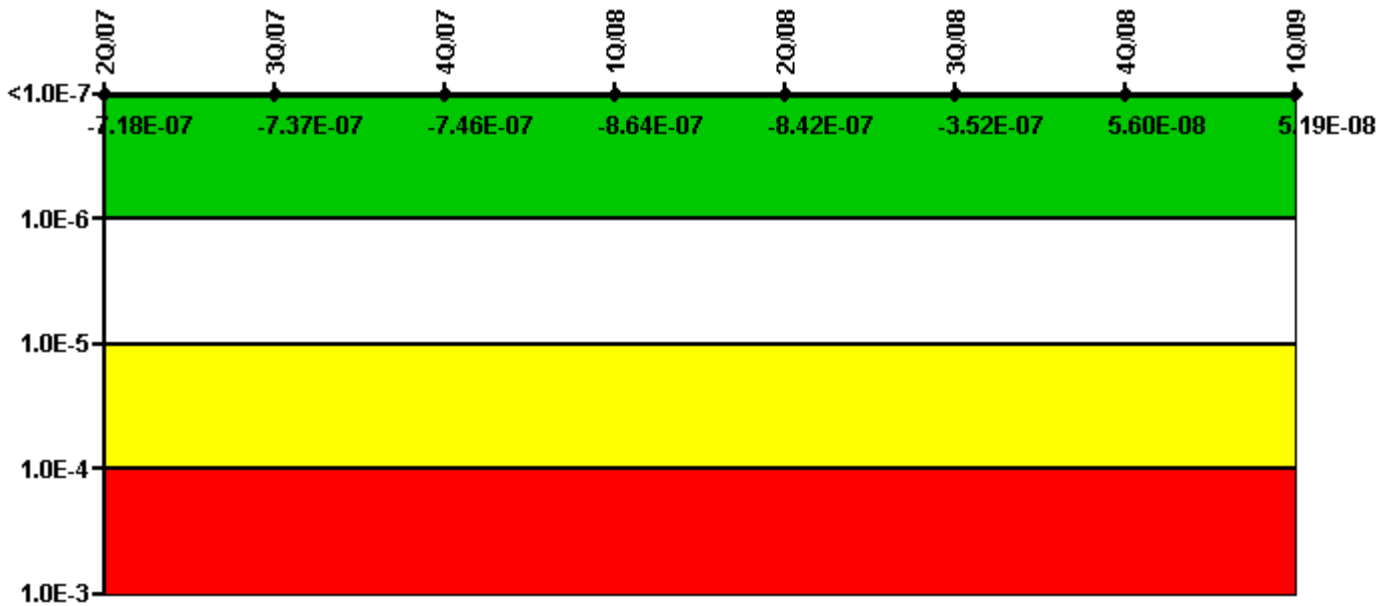
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



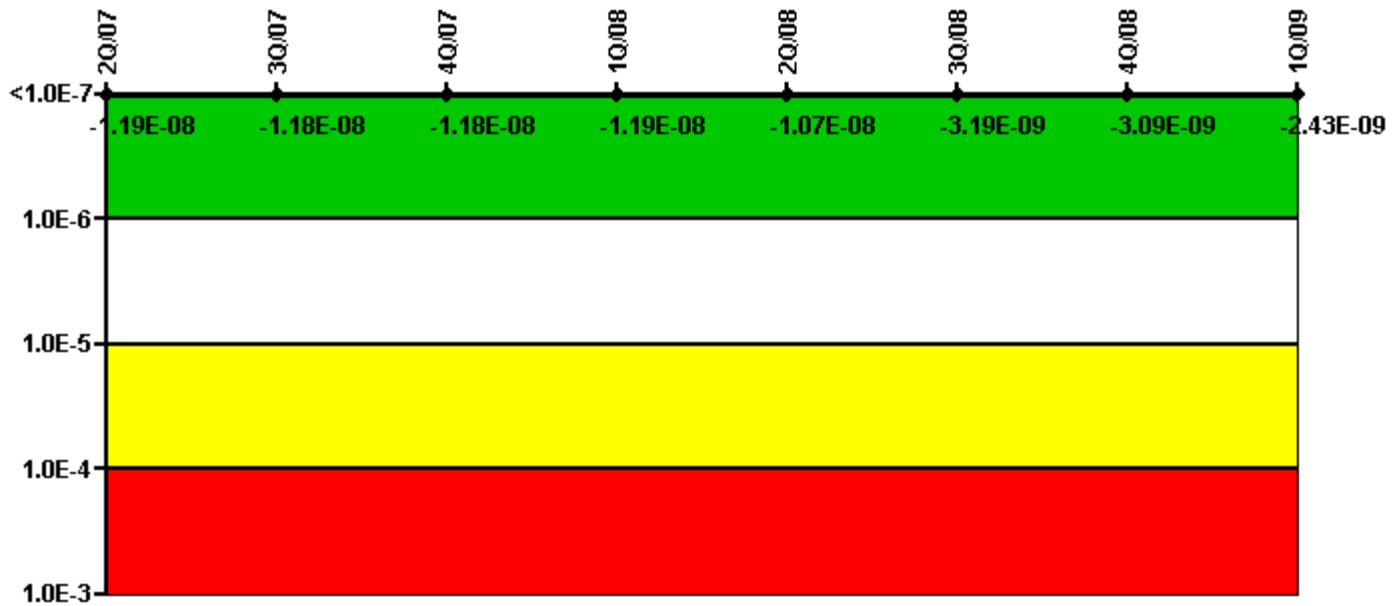
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI (Δ CDF)	9.20E-08	8.30E-08	7.40E-08	-4.40E-08	-2.20E-08	-2.10E-09	-2.00E-09	-6.10E-09
URI (Δ CDF)	-8.10E-07	-8.20E-07	-8.20E-07	-8.20E-07	-8.20E-07	-3.50E-07	5.80E-08	5.80E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-7.18E-07	-7.37E-07	-7.46E-07	-8.64E-07	-8.42E-07	-3.52E-07	5.60E-08	5.19E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



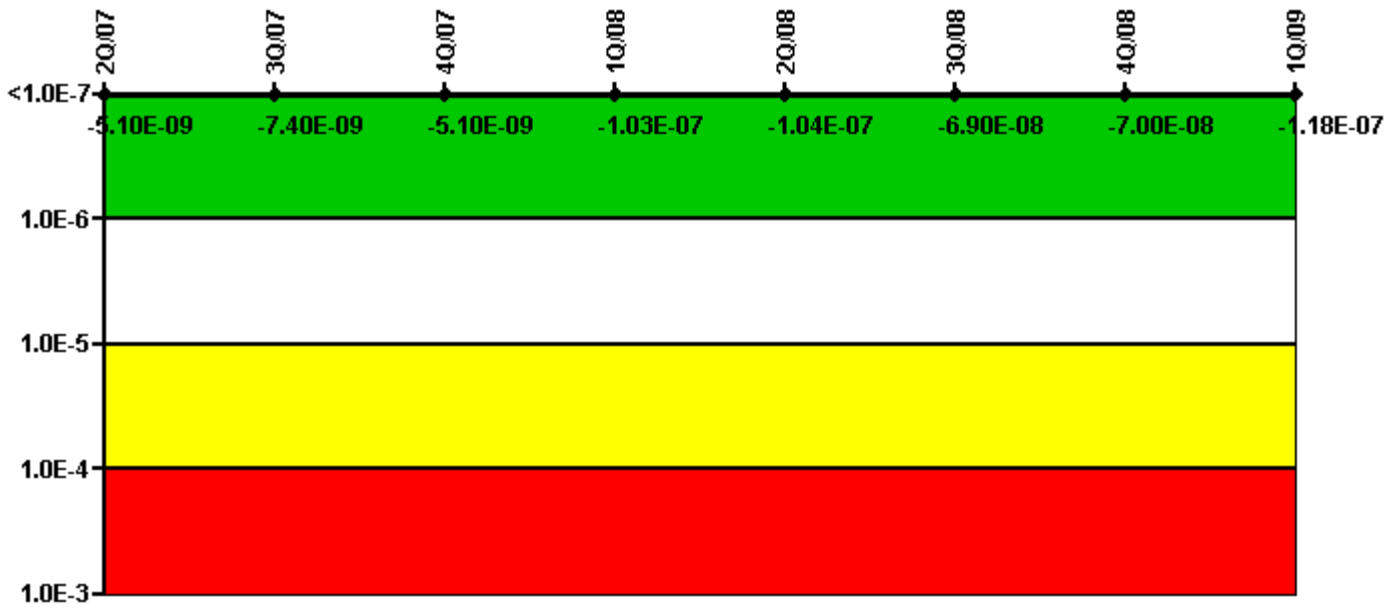
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	-8.80E-10	-7.80E-10	-8.40E-10	-8.50E-10	3.10E-10	-8.70E-11	-8.70E-11	3.70E-10
URI (Δ CDF)	-1.10E-08	-1.10E-08	-1.10E-08	-1.10E-08	-1.10E-08	-3.10E-09	-3.00E-09	-2.80E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.19E-08	-1.18E-08	-1.18E-08	-1.19E-08	-1.07E-08	-3.19E-09	-3.09E-09	-2.43E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



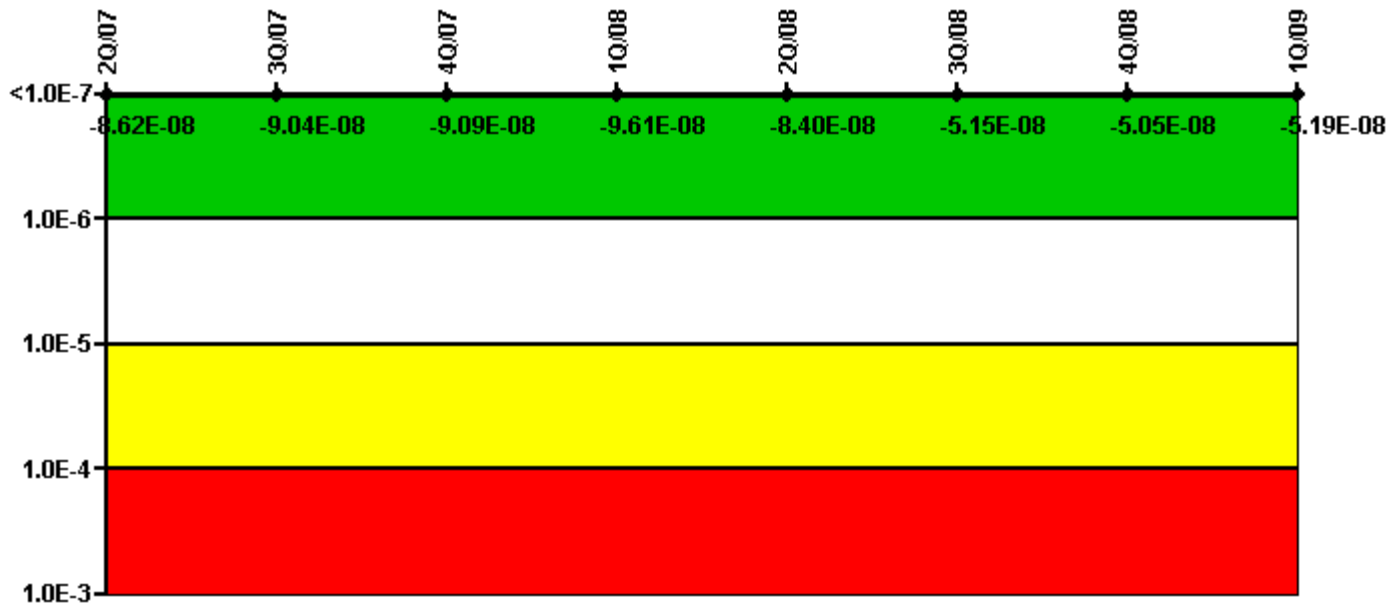
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI (Δ CDF)	-1.20E-08	-1.20E-08	-9.70E-09	-2.40E-08	-2.50E-08	-1.80E-08	-1.80E-08	-1.80E-08
URI (Δ CDF)	6.90E-09	4.60E-09	4.60E-09	-7.90E-08	-7.90E-08	-5.10E-08	-5.20E-08	-1.00E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.10E-09	-7.40E-09	-5.10E-09	-1.03E-07	-1.04E-07	-6.90E-08	-7.00E-08	-1.18E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



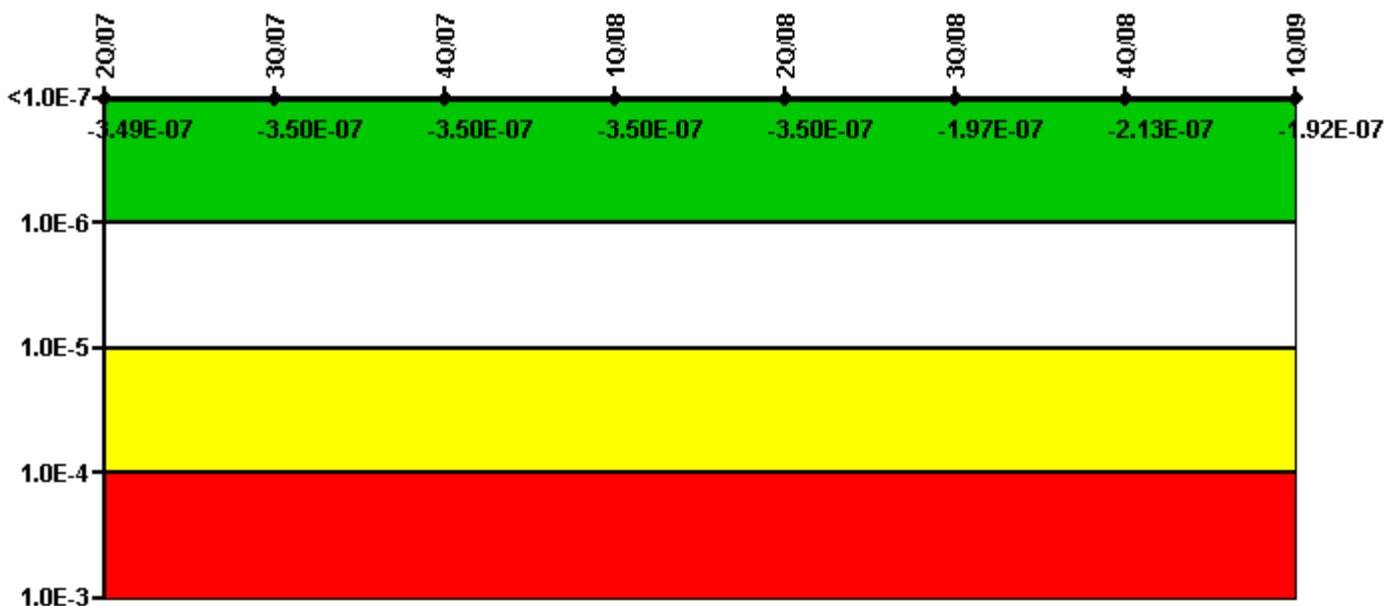
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI (Δ CDF)	9.80E-09	5.60E-09	5.10E-09	-7.50E-11	1.20E-08	-1.50E-09	-1.50E-09	-3.90E-09
URI (Δ CDF)	-9.60E-08	-9.60E-08	-9.60E-08	-9.60E-08	-9.60E-08	-5.00E-08	-4.90E-08	-4.80E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-8.62E-08	-9.04E-08	-9.09E-08	-9.61E-08	-8.40E-08	-5.15E-08	-5.05E-08	-5.19E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



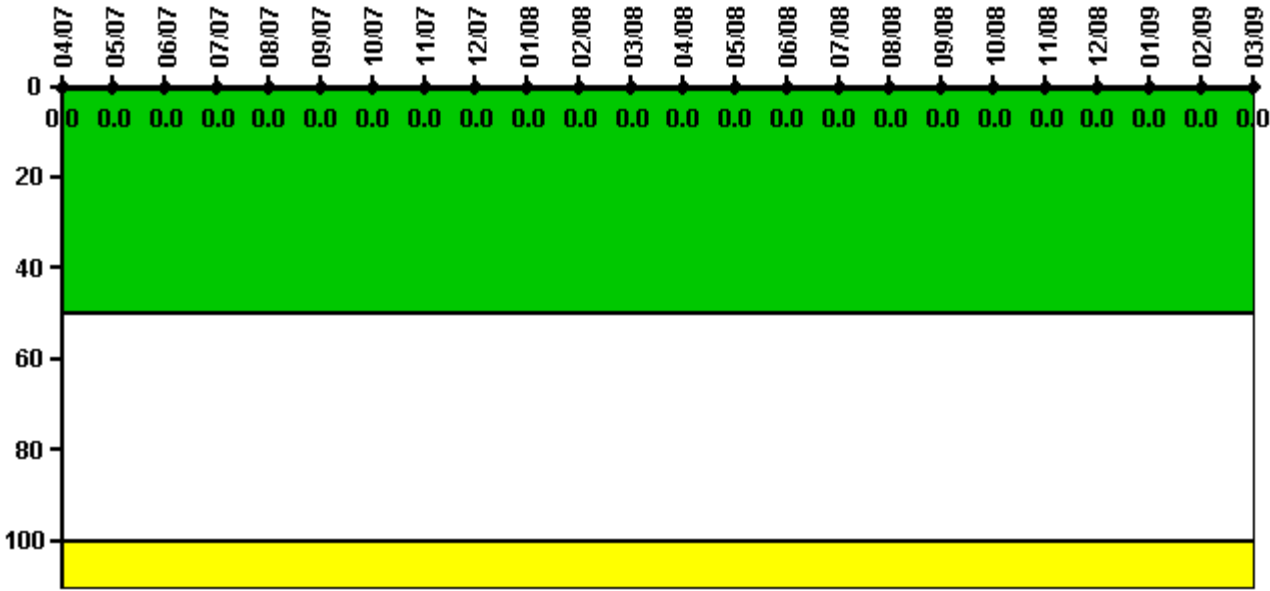
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI (Δ CDF)	7.20E-10	1.30E-10	3.40E-10	3.40E-10	3.40E-10	3.30E-08	2.70E-08	4.80E-08
URI (Δ CDF)	-3.50E-07	-3.50E-07	-3.50E-07	-3.50E-07	-3.50E-07	-2.30E-07	-2.40E-07	-2.40E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.49E-07	-3.50E-07	-3.50E-07	-3.50E-07	-3.50E-07	-1.97E-07	-2.13E-07	-1.92E-07

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

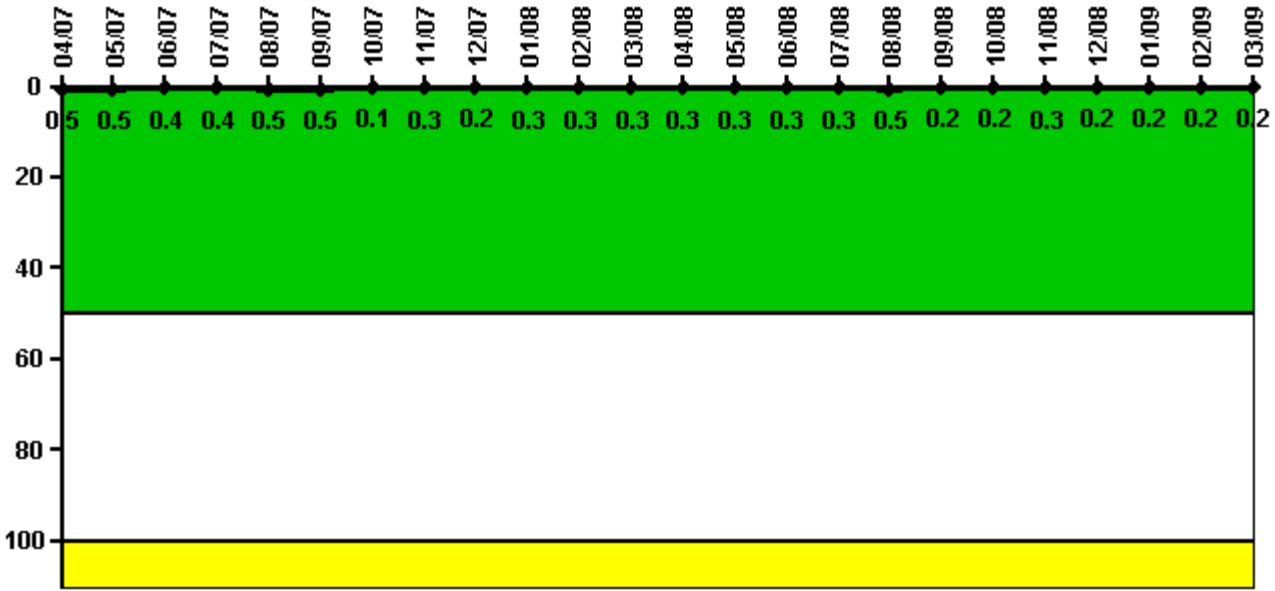
Notes

Reactor Coolant System Activity	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08
Maximum activity	0.000068	0.000123	0.000074	0.000077	0.000079	0.000116	0.000033	0.000041	0.000127	0.000045	0.000081	0.000054
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	4/08	5/08	6/08	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09
Maximum activity	0.000054	0.000056	0.000060	0.000061	0.000066	0.000068	0.000071	0.000073	0.000079	0.000083	0.000233	0.000095
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



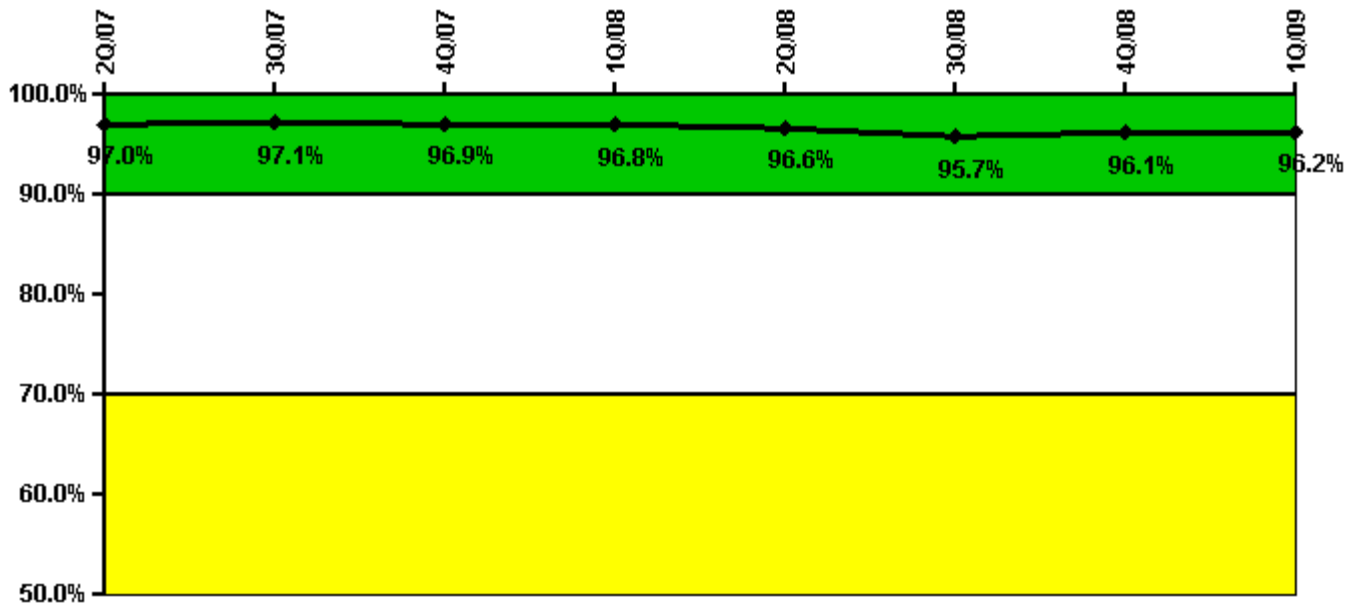
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08
Maximum leakage	0.050	0.050	0.040	0.040	0.050	0.050	0.010	0.030	0.020	0.030	0.030	0.030
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	0.5	0.4	0.4	0.5	0.5	0.1	0.3	0.2	0.3	0.3	0.3
Reactor Coolant System Leakage	4/08	5/08	6/08	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09
Maximum leakage	0.030	0.030	0.030	0.030	0.050	0.020	0.020	0.030	0.020	0.020	0.020	0.016
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.3	0.3	0.3	0.5	0.2	0.2	0.3	0.2	0.2	0.2	0.2

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

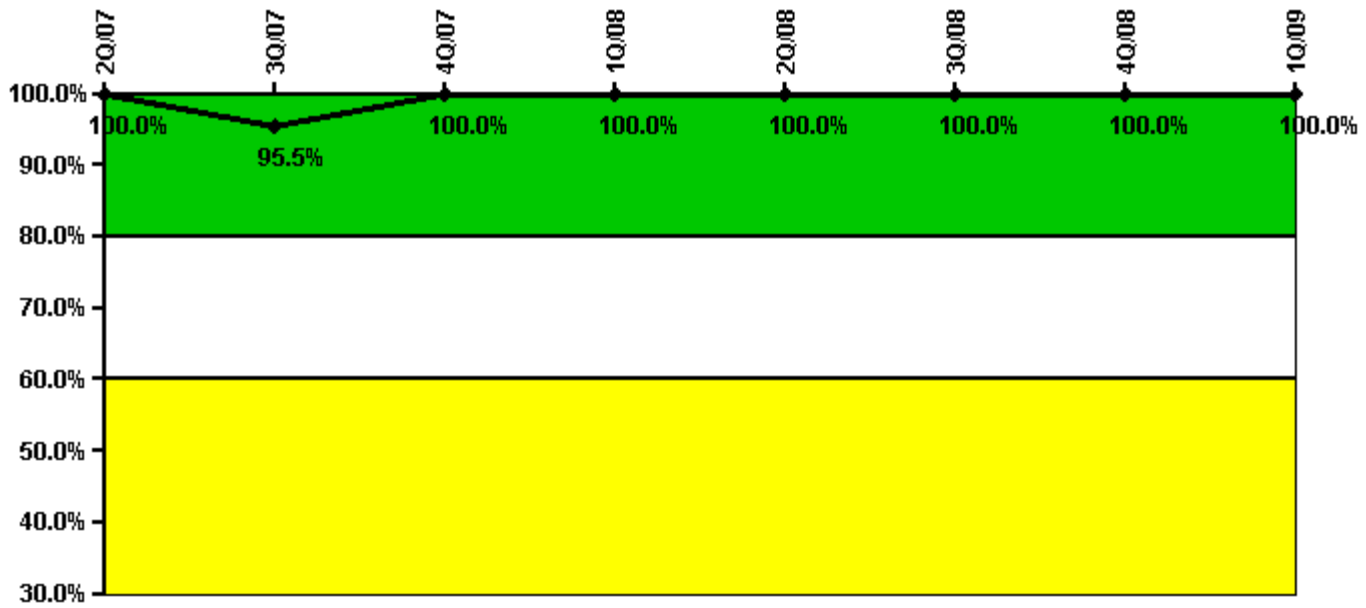
Drill/Exercise Performance	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Successful opportunities	38.0	9.0	21.0	6.0	31.0	17.0	29.0	54.0
Total opportunities	40.0	10.0	22.0	6.0	33.0	18.0	29.0	55.0
Indicator value	97.0%	97.1%	96.9%	96.8%	96.6%	95.7%	96.1%	96.2%

Licensee Comments:

1Q/09: 6 successful Drill, Exercise and Event Opportunities were identified in February 2009 that impact the month of October 2008. No color shift.

4Q/08: 6 successful Drill, Exercise and Event Opportunities were identified in February 2009 that impact the month of October 2008. No color shift.

ERO Drill Participation



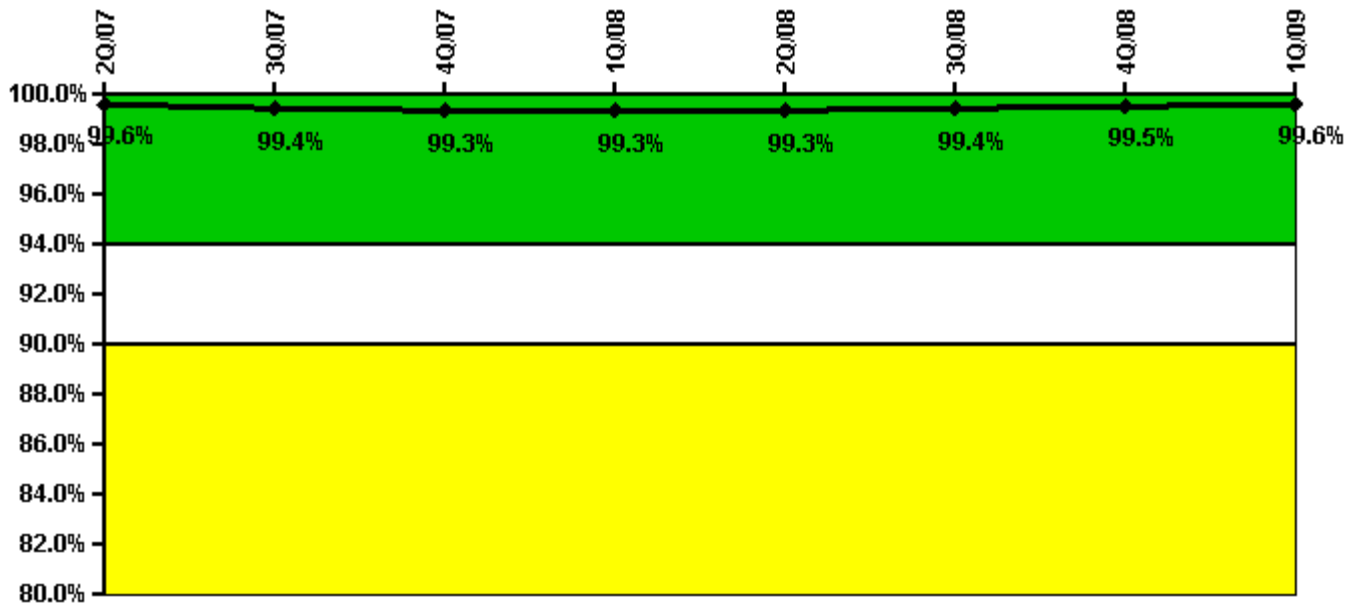
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Participating Key personnel	44.0	42.0	43.0	42.0	42.0	45.0	43.0	41.0
Total Key personnel	44.0	44.0	43.0	42.0	42.0	45.0	43.0	41.0
Indicator value	100.0%	95.5%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



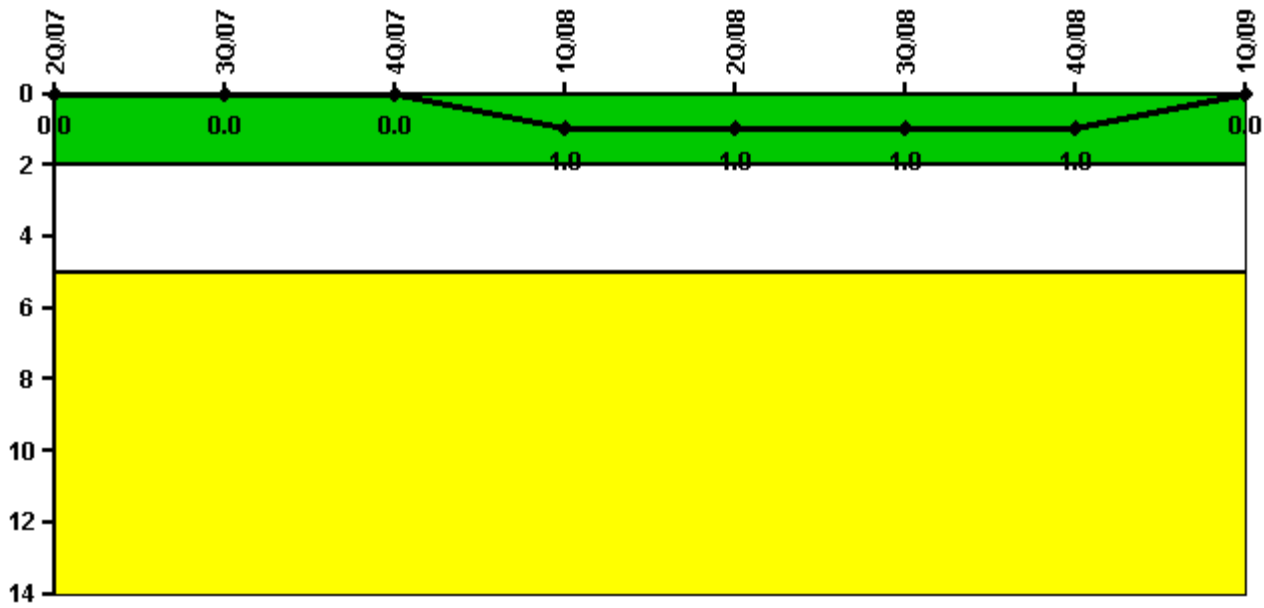
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Successful siren-tests	647	637	563	565	663	657	662	580
Total sirens-tests	648	648	567	567	664	664	664	581
Indicator value	99.6%	99.4%	99.3%	99.3%	99.3%	99.4%	99.5%	99.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness



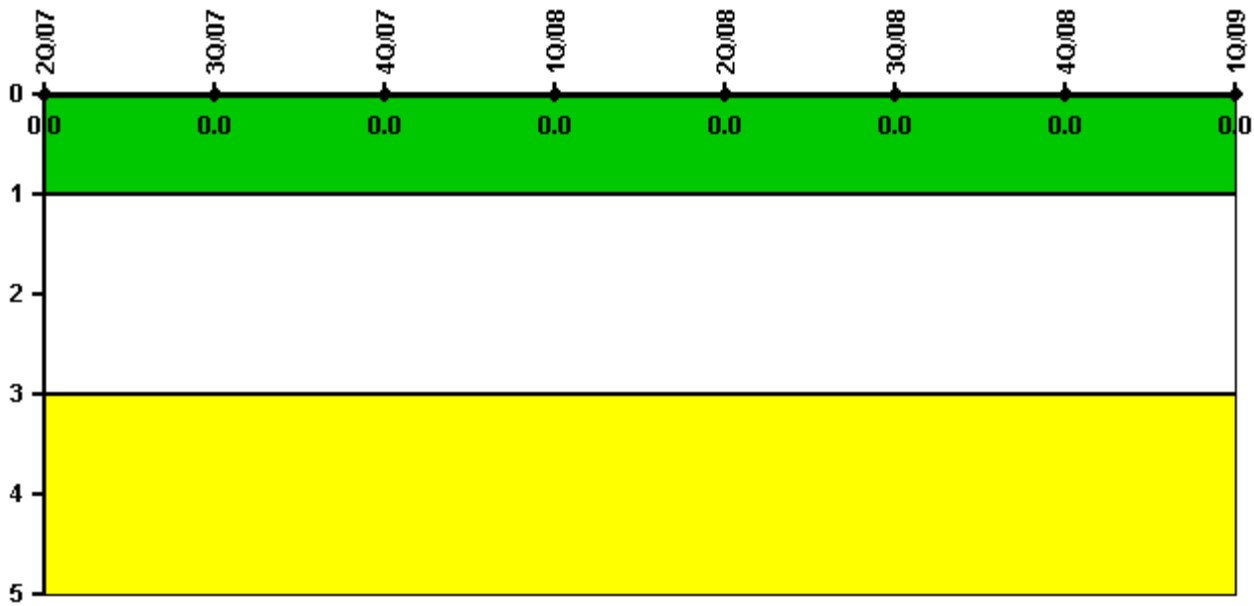
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
High radiation area occurrences	0	0	0	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	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

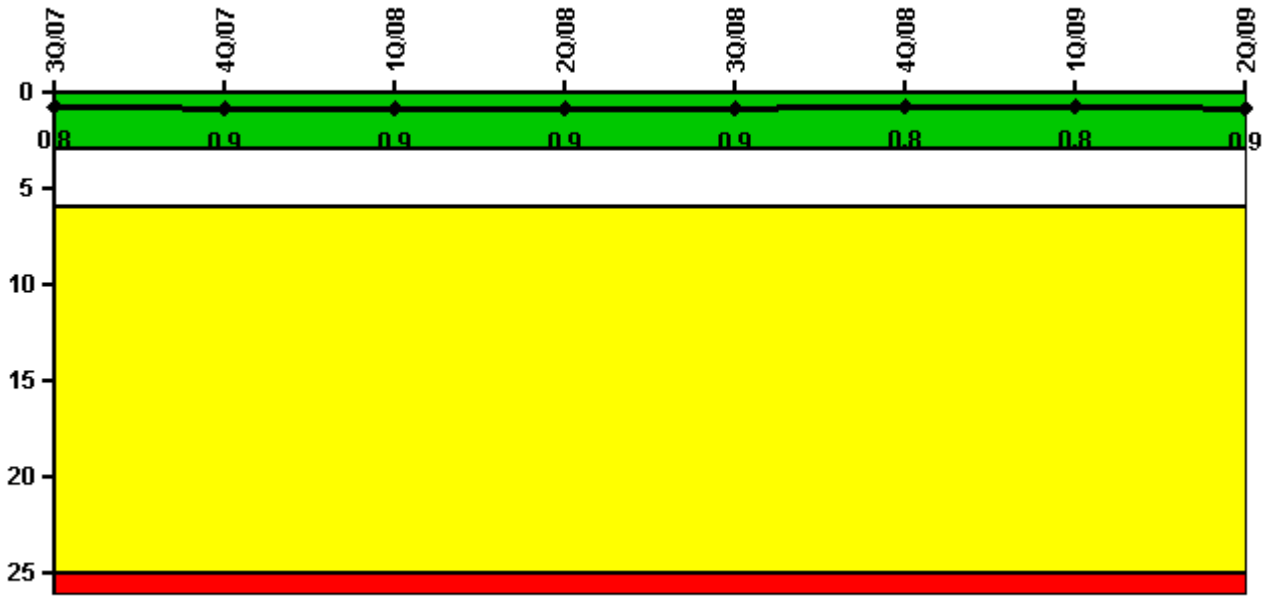
[Security](#) information not publicly available.

Harris 1

2Q/2009 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



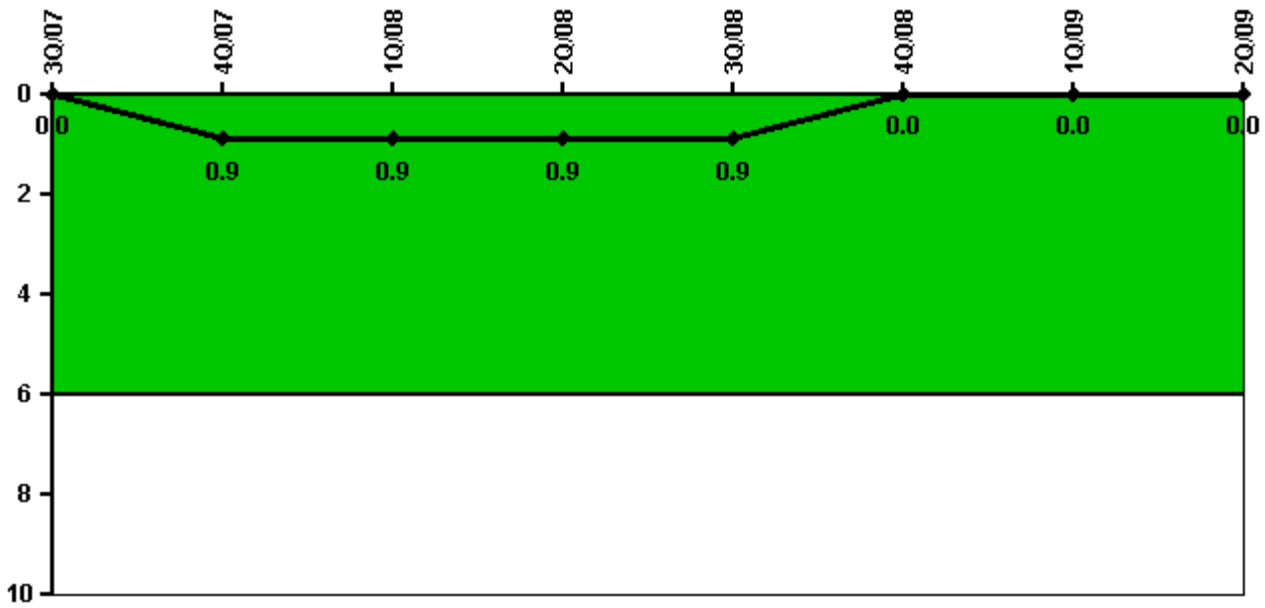
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Unplanned scrams	1.0	0	0	0	1.0	0	0	0
Critical hours	2158.5	1688.1	2183.0	2184.0	1975.9	2209.0	2159.0	1651.4
Indicator value	0.8	0.9	0.9	0.9	0.9	0.8	0.8	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



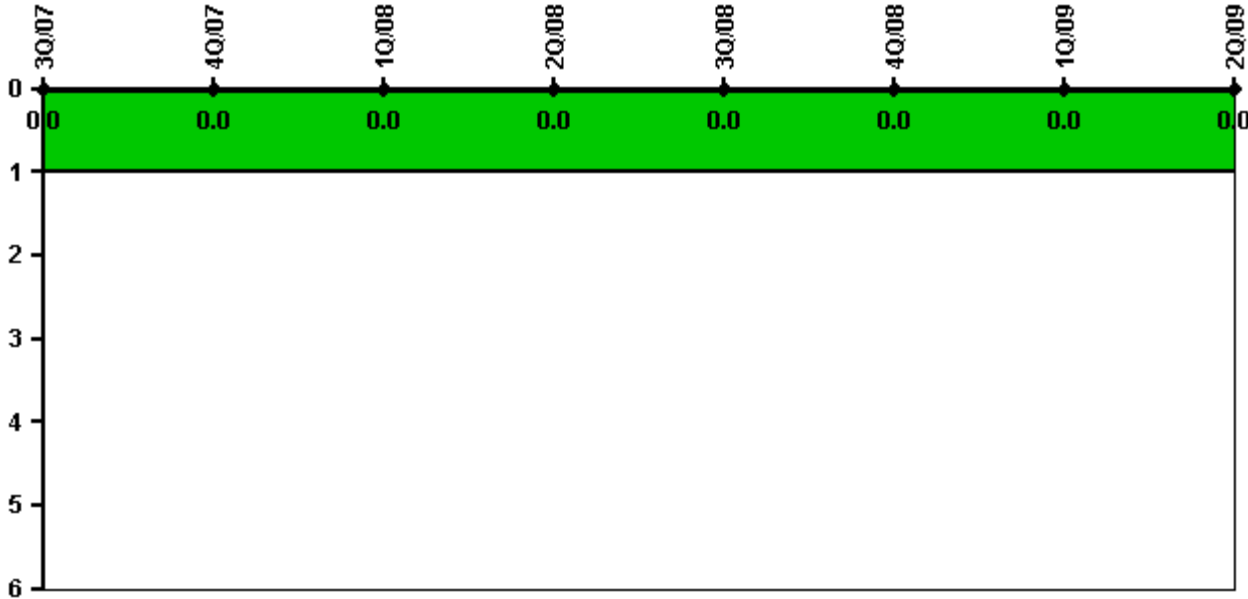
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Unplanned power changes	0	1.0	0	0	0	0	0	0
Critical hours	2158.5	1688.1	2183.0	2184.0	1975.9	2209.0	2159.0	1651.4
Indicator value	0	0.9	0.9	0.9	0.9	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



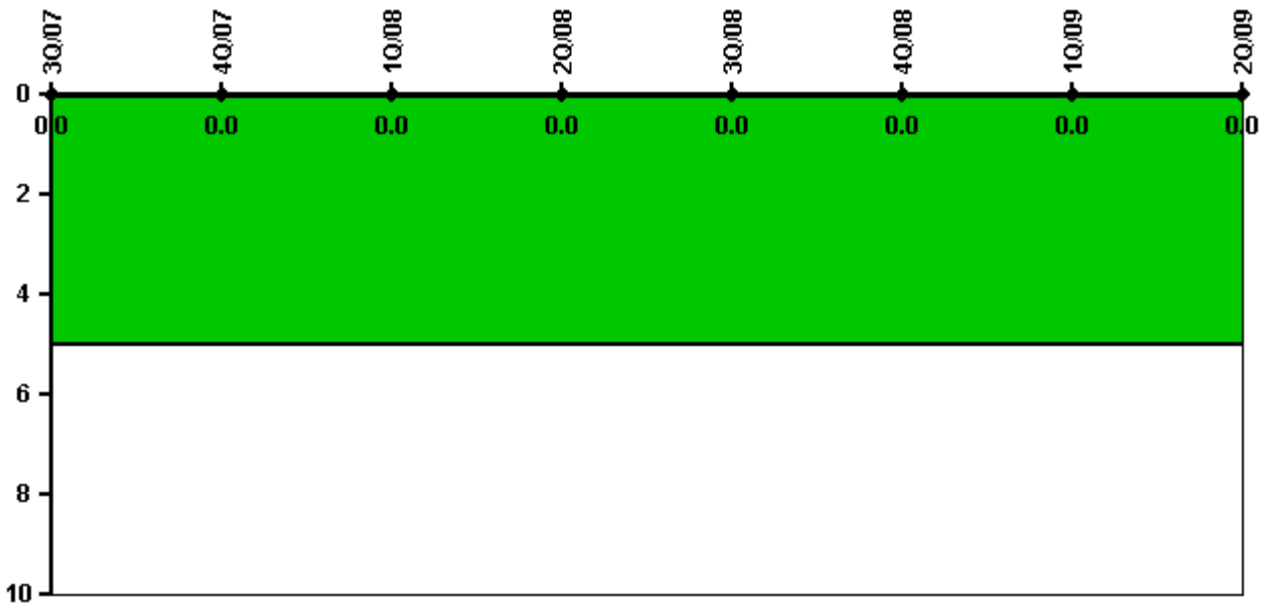
Thresholds: White > 1.0

Notes

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

Licensee Comments: none

Safety System Functional Failures (PWR)



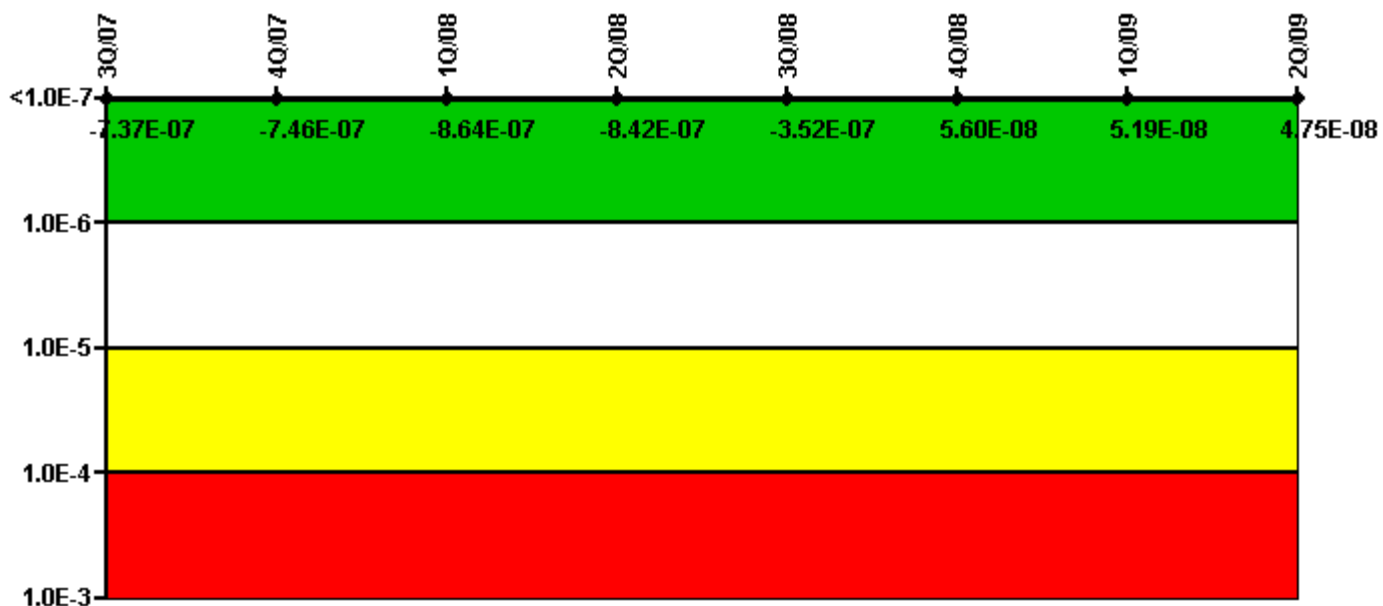
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



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

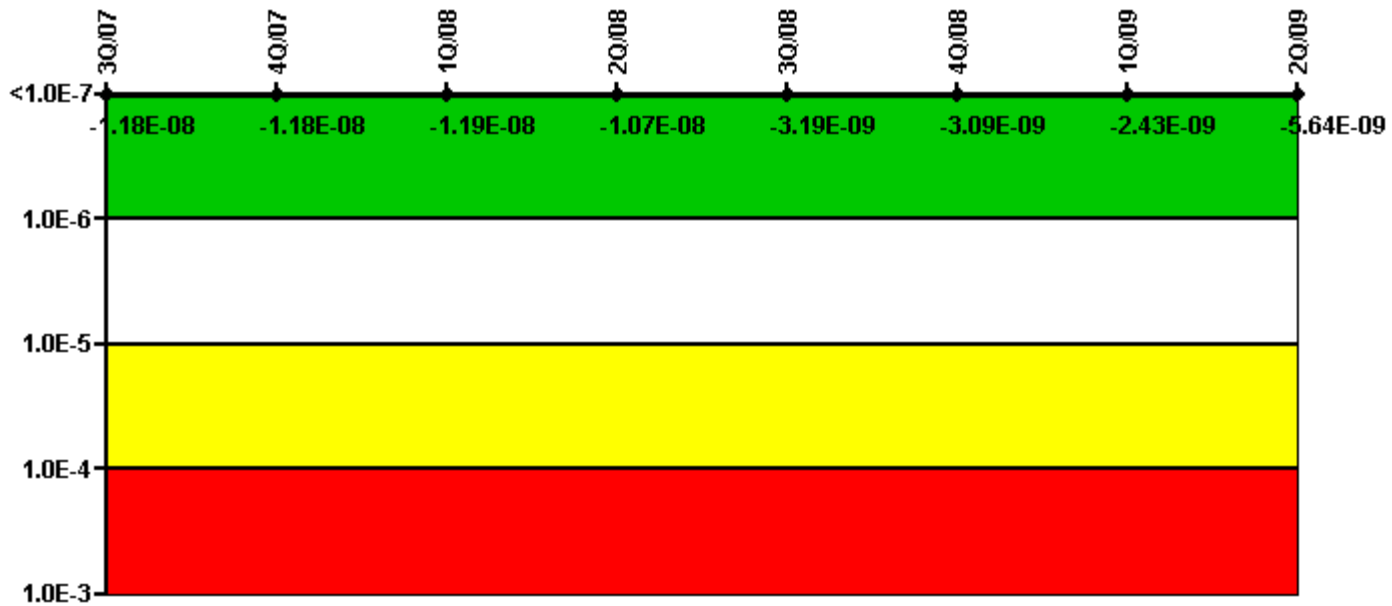
Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
UAI (Δ CDF)	8.30E-08	7.40E-08	-4.40E-08	-2.20E-08	-2.10E-09	-2.00E-09	-6.10E-09	-8.50E-09
URI (Δ CDF)	-8.20E-07	-8.20E-07	-8.20E-07	-8.20E-07	-3.50E-07	5.80E-08	5.80E-08	5.60E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-7.37E-07	-7.46E-07	-8.64E-07	-8.42E-07	-3.52E-07	5.60E-08	5.19E-08	4.75E-08

Licensee Comments:

2Q/09: Changed PRA Parameter(s). On 5/3/09, EDG A tripped on a loss of both Gen. Potential Circuits during PMT. Plant was in Mode 6 and the EDG was still inoperable and unavailable. Trip was a result of the Maintenance performed and per NEI 99-02 is not counted as a failure. Possible FAQ to follow. Updated PRA parameters to reflect MSPI Basis Document update to PRA 2007a Model of Record.

Mitigating Systems Performance Index, High Pressure Injection System



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

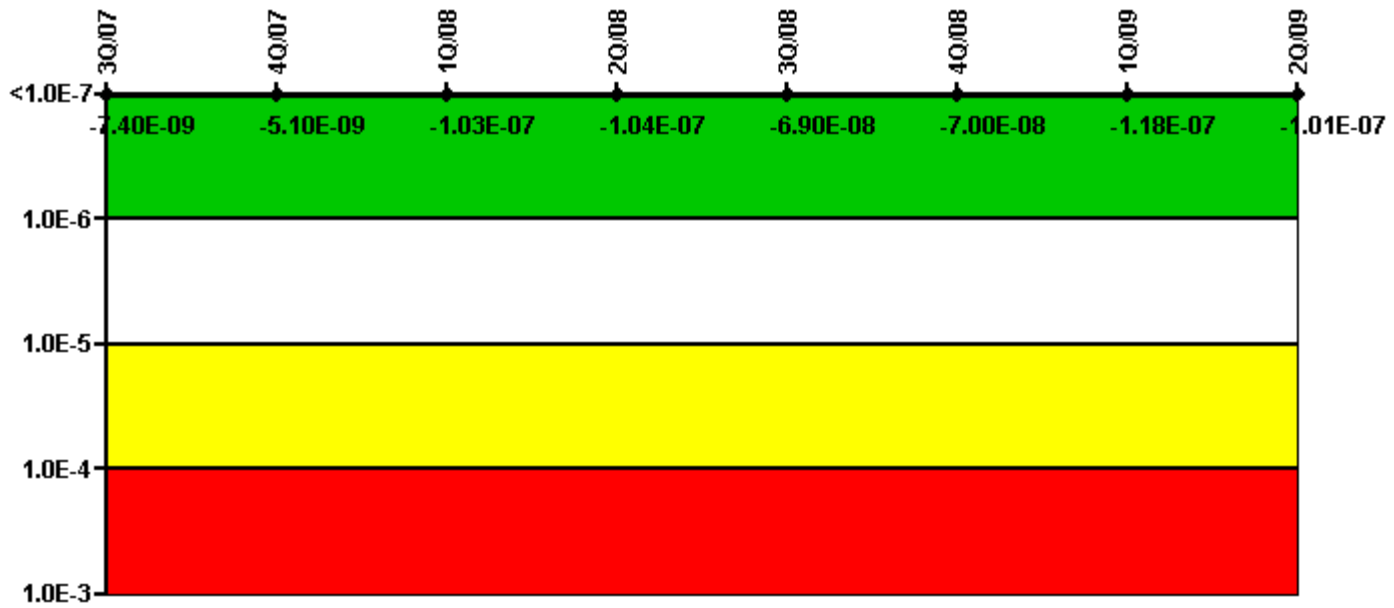
Notes

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)	-7.80E-10	-8.40E-10	-8.50E-10	3.10E-10	-8.70E-11	-8.70E-11	3.70E-10	9.60E-10
URI (Δ CDF)	-1.10E-08	-1.10E-08	-1.10E-08	-1.10E-08	-3.10E-09	-3.00E-09	-2.80E-09	-6.60E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.18E-08	-1.18E-08	-1.19E-08	-1.07E-08	-3.19E-09	-3.09E-09	-2.43E-09	-5.64E-09

Licensee Comments:

2Q/09: Changed PRA Parameter(s). Updated PRA parameters to reflect MSPI Basis Document update to PRA 2007a Model of Record. Two monitored components added to HHSI: 1CS-746 & 752.

Mitigating Systems Performance Index, Heat Removal System



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

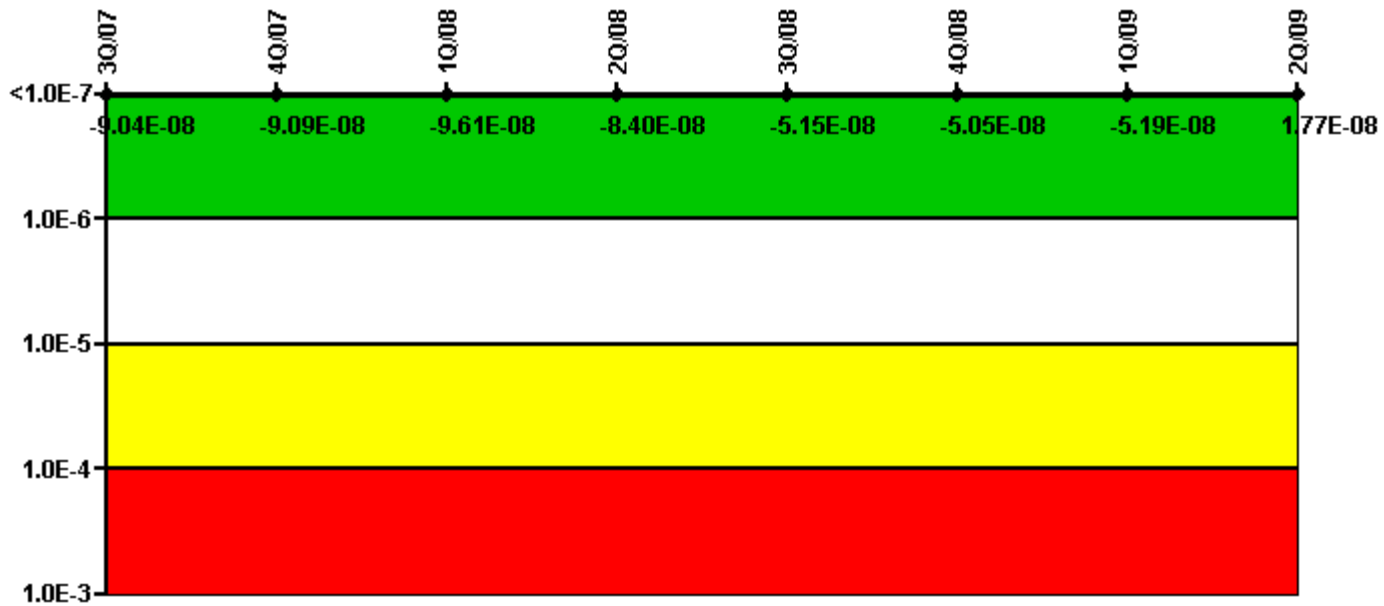
Notes

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)	-1.20E-08	-9.70E-09	-2.40E-08	-2.50E-08	-1.80E-08	-1.80E-08	-1.80E-08	-7.40E-09
URI (Δ CDF)	4.60E-09	4.60E-09	-7.90E-08	-7.90E-08	-5.10E-08	-5.20E-08	-1.00E-07	-9.40E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-7.40E-09	-5.10E-09	-1.03E-07	-1.04E-07	-6.90E-08	-7.00E-08	-1.18E-07	-1.01E-07

Licensee Comments:

2Q/09: Changed PRA Parameter(s). Updated PRA parameters to reflect MSPI Basis Document update to PRA 2007a Model of Record.

Mitigating Systems Performance Index, Residual Heat Removal System



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

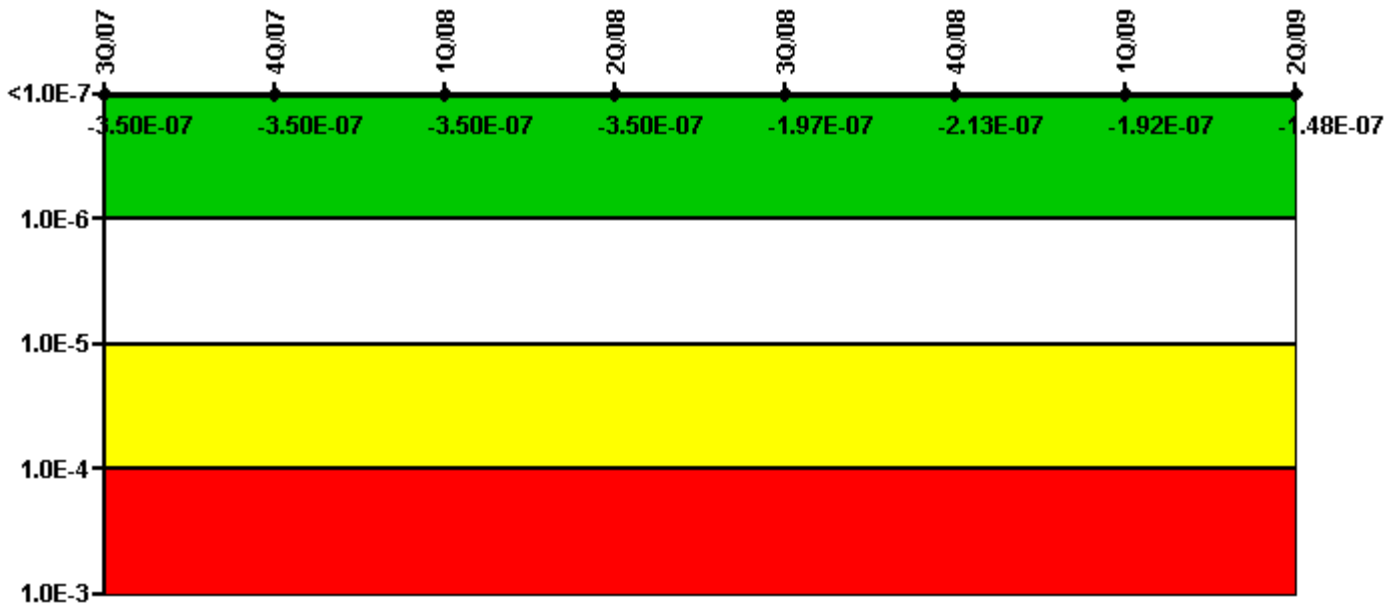
Notes

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)	$5.60E-09$	$5.10E-09$	$-7.50E-11$	$1.20E-08$	$-1.50E-09$	$-1.50E-09$	$-3.90E-09$	$-4.30E-09$
URI (Δ CDF)	$-9.60E-08$	$-9.60E-08$	$-9.60E-08$	$-9.60E-08$	$-5.00E-08$	$-4.90E-08$	$-4.80E-08$	$2.20E-08$
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	$-9.04E-08$	$-9.09E-08$	$-9.61E-08$	$-8.40E-08$	$-5.15E-08$	$-5.05E-08$	$-5.19E-08$	$1.77E-08$

Licensee Comments:

2Q/09: Changed PRA Parameter(s). Updated PRA parameters to reflect MSPI Basis Document update to PRA 2007a Model of Record.

Mitigating Systems Performance Index, Cooling Water Systems



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

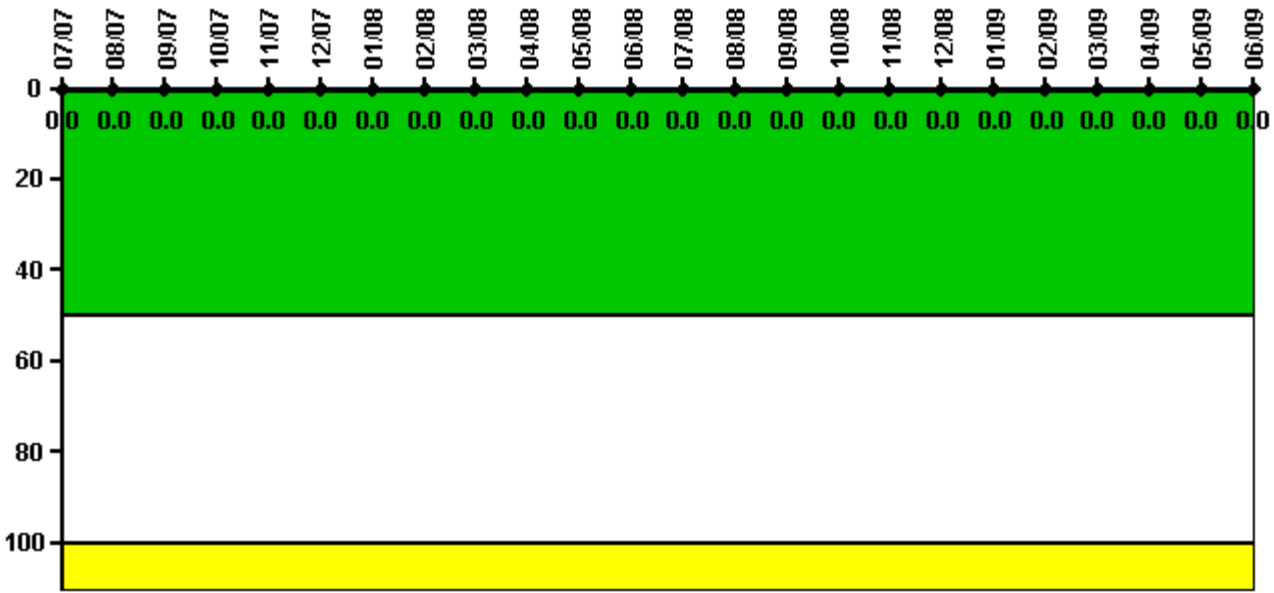
Notes

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-10	3.40E-10	3.40E-10	3.40E-10	3.30E-08	2.70E-08	4.80E-08	3.20E-08
URI (Δ CDF)	-3.50E-07	-3.50E-07	-3.50E-07	-3.50E-07	-2.30E-07	-2.40E-07	-2.40E-07	-1.80E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.50E-07	-3.50E-07	-3.50E-07	-3.50E-07	-1.97E-07	-2.13E-07	-1.92E-07	-1.48E-07

Licensee Comments:

2Q/09: Changed PRA Parameter(s). Updated PRA parameters to reflect MSPI Basis Document update to PRA 2007a Model of Record.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

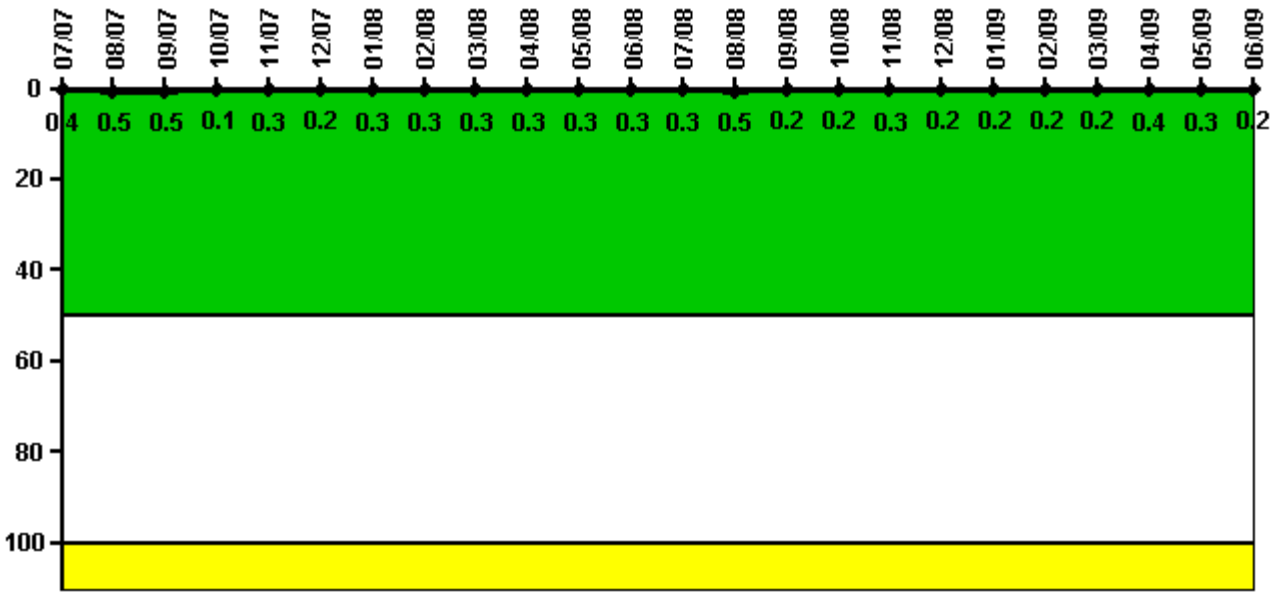
Notes

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	0.000077	0.000079	0.000116	0.000033	0.000041	0.000127	0.000045	0.000081	0.000054	0.000054	0.000056	0.000060
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09	4/09	5/09	6/09
Maximum activity	0.000061	0.000066	0.000068	0.000071	0.000073	0.000079	0.000083	0.000233	0.000095	0.000080	0.000045	0.000056
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



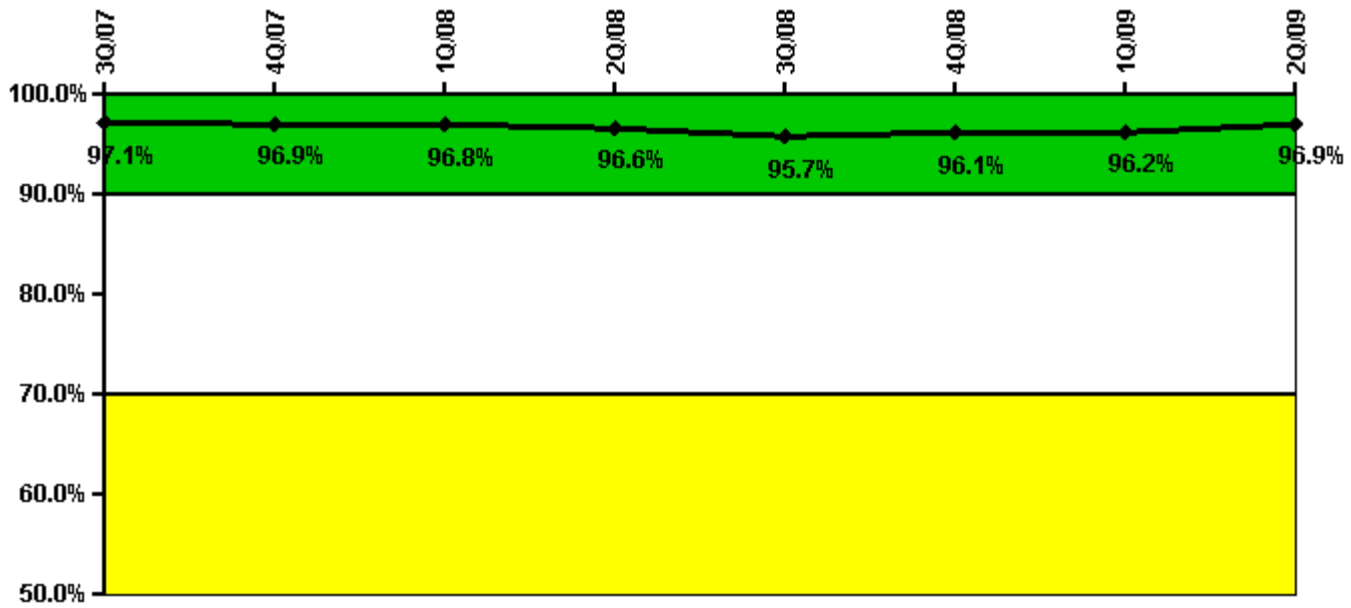
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08
Maximum leakage	0.040	0.050	0.050	0.010	0.030	0.020	0.030	0.030	0.030	0.030	0.030	0.030
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.5	0.5	0.1	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3
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	0.030	0.050	0.020	0.020	0.030	0.020	0.020	0.020	0.016	0.039	0.030	0.020
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.5	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.4	0.3	0.2

Licensee Comments: none

Drill/Exercise Performance



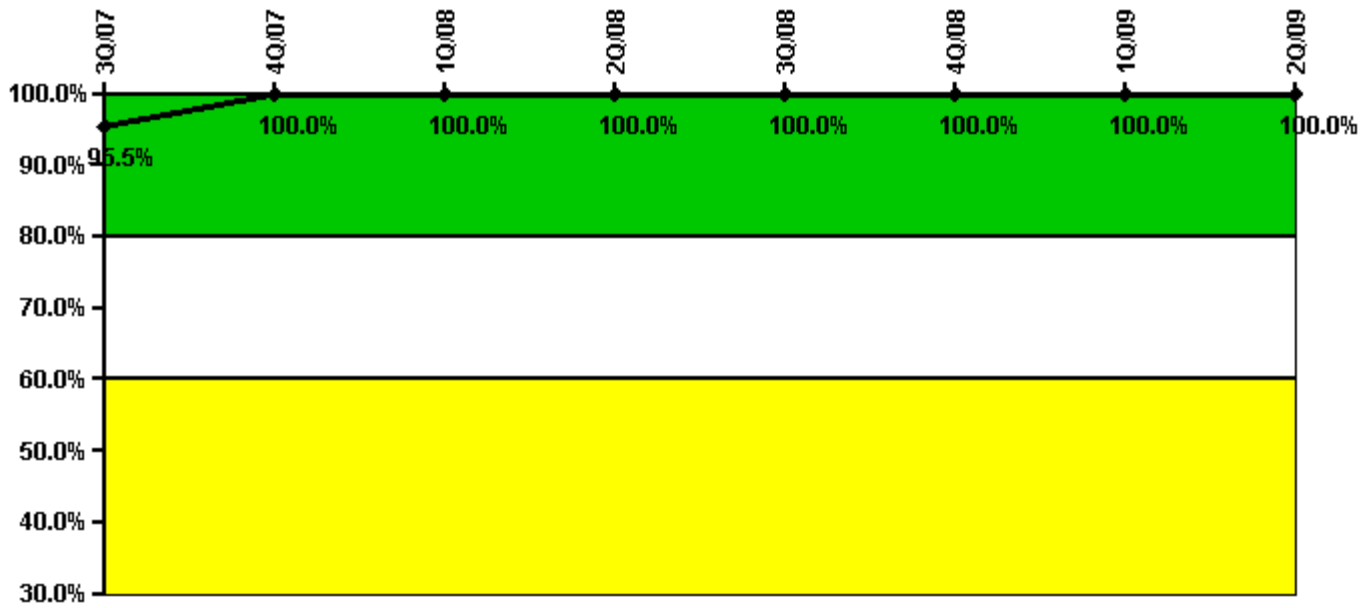
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Successful opportunities	9.0	21.0	6.0	31.0	17.0	29.0	54.0	20.0
Total opportunities	10.0	22.0	6.0	33.0	18.0	29.0	55.0	20.0
Indicator value	97.1%	96.9%	96.8%	96.6%	95.7%	96.1%	96.2%	96.9%

Licensee Comments: none

ERO Drill Participation



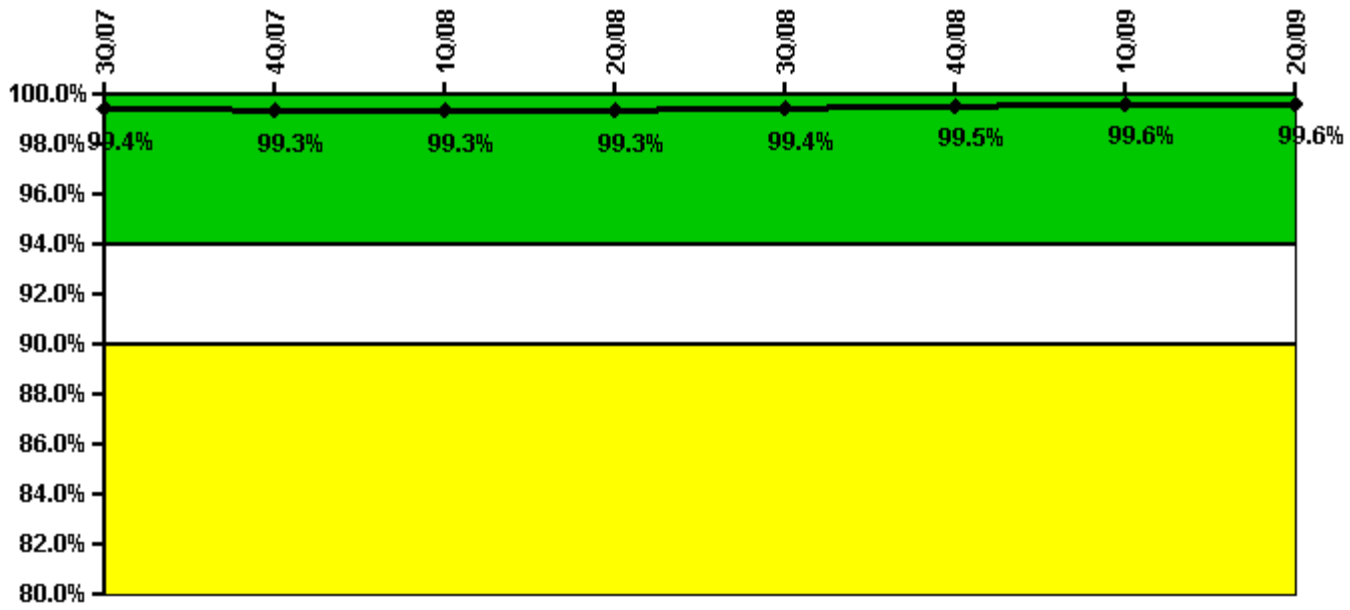
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Participating Key personnel	42.0	43.0	42.0	42.0	45.0	43.0	41.0	38.0
Total Key personnel	44.0	43.0	42.0	42.0	45.0	43.0	41.0	38.0
Indicator value	95.5%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



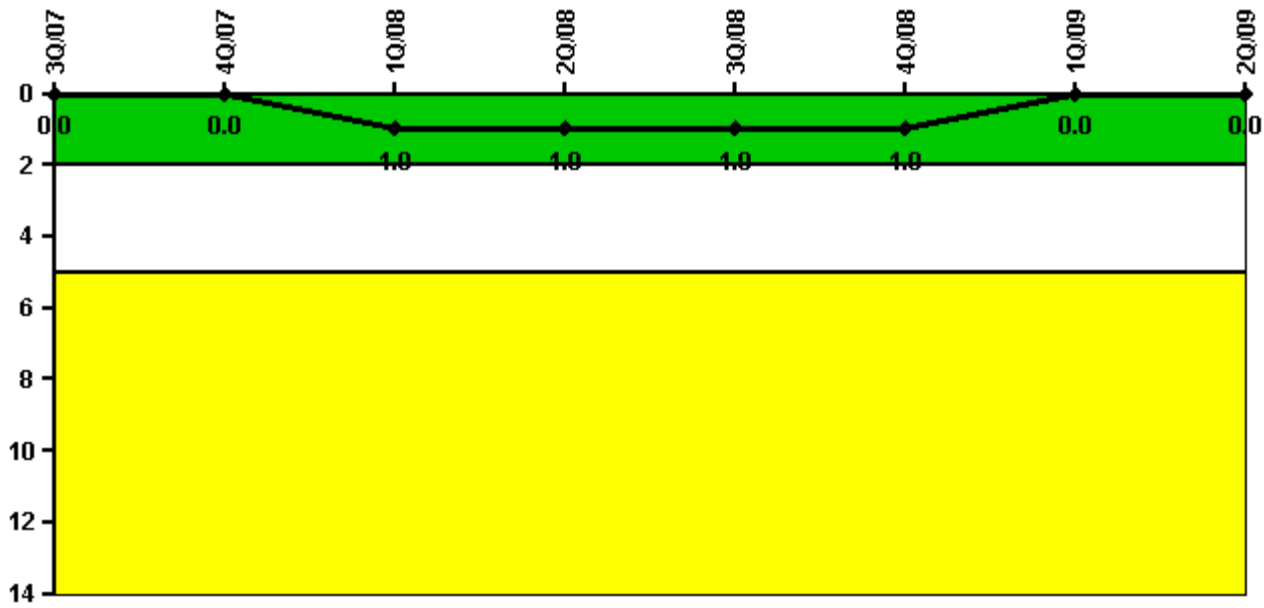
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Successful siren-tests	637	563	565	663	657	662	580	664
Total sirens-tests	648	567	567	664	664	664	581	664
Indicator value	99.4%	99.3%	99.3%	99.3%	99.4%	99.5%	99.6%	99.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness



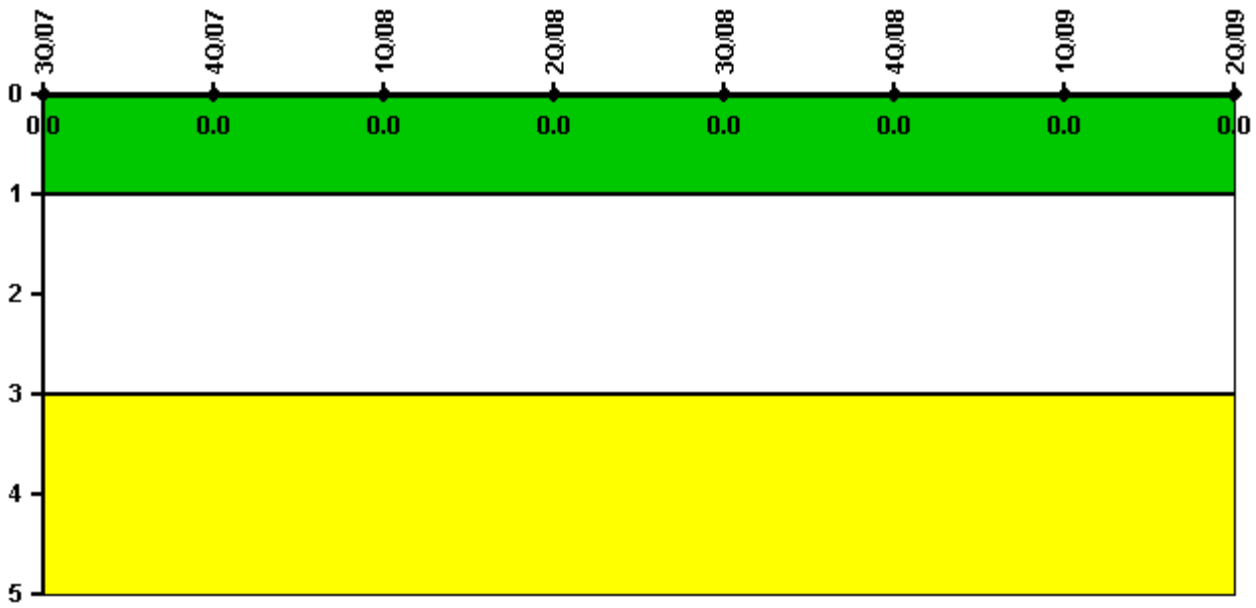
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
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	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

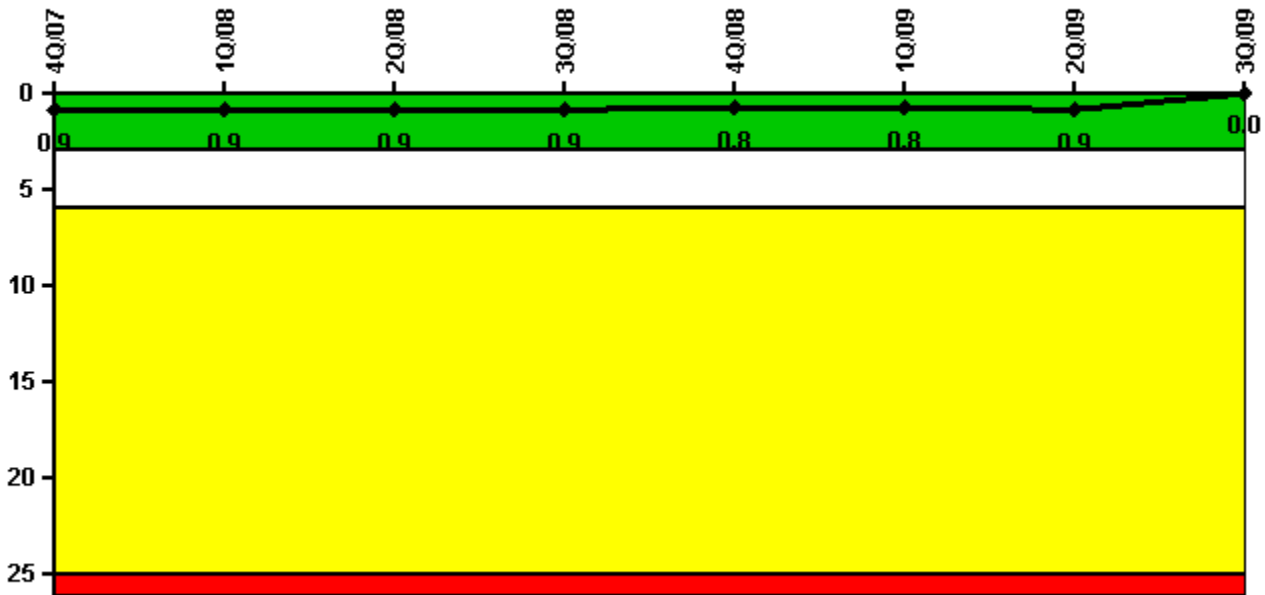
[Security](#) information not publicly available.

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3Q/2009 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



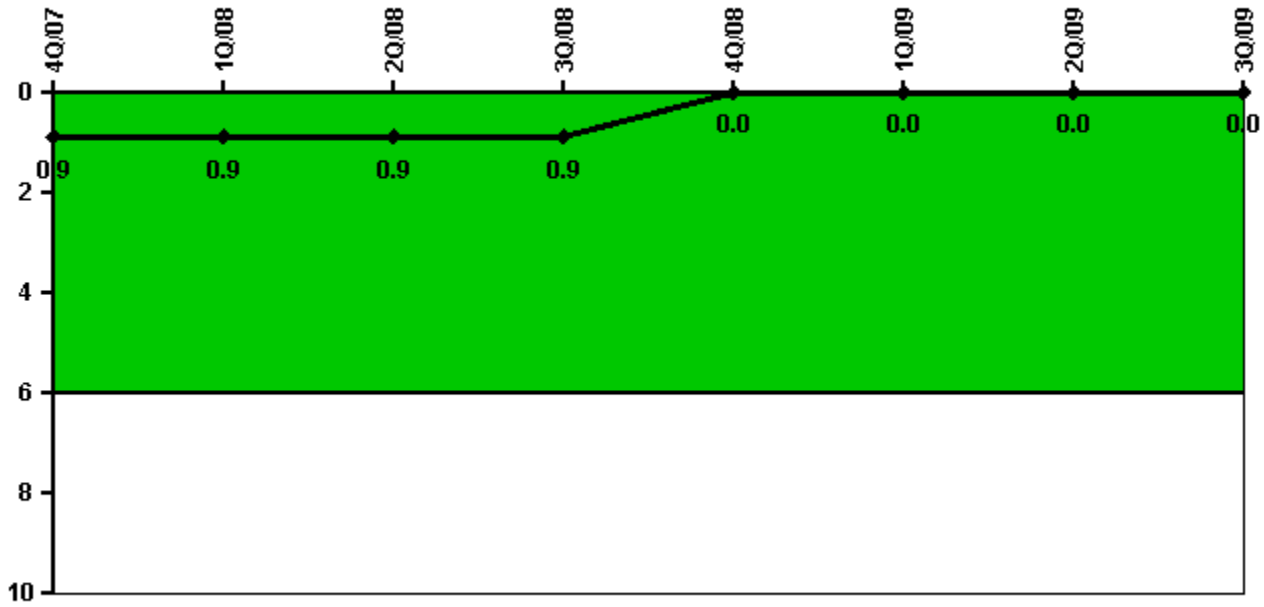
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Unplanned scrams	0	0	0	1.0	0	0	0	0
Critical hours	1688.1	2183.0	2184.0	1975.9	2209.0	2159.0	1651.4	2208.0
Indicator value	0.9	0.9	0.9	0.9	0.8	0.8	0.9	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



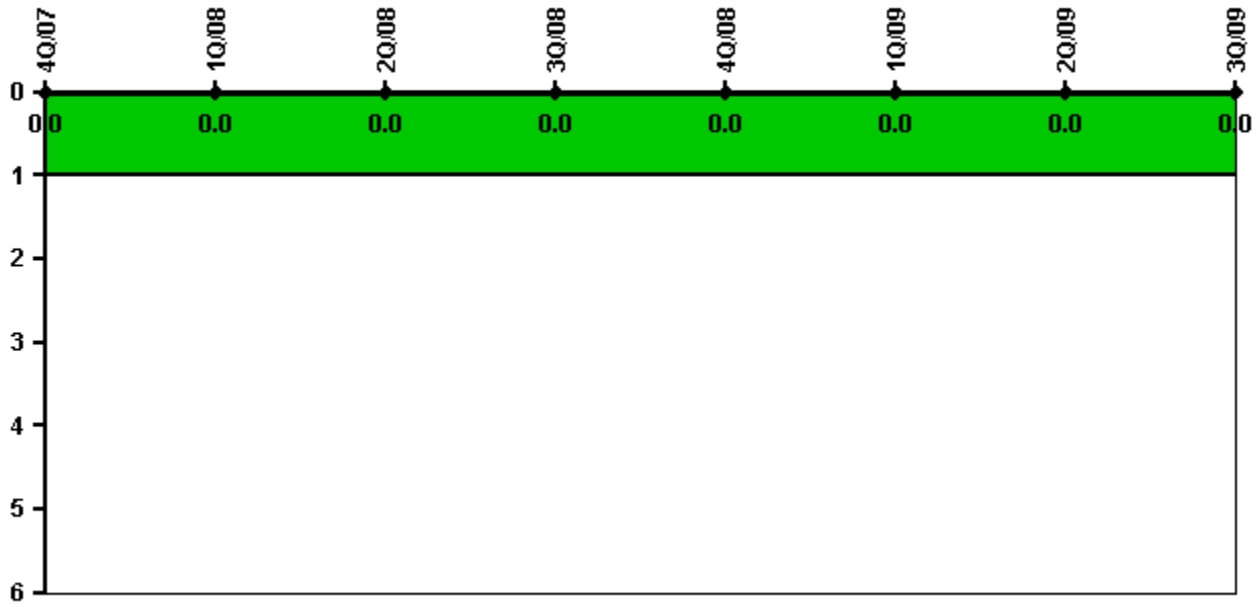
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Unplanned power changes	1.0	0	0	0	0	0	0	0
Critical hours	1688.1	2183.0	2184.0	1975.9	2209.0	2159.0	1651.4	2208.0
Indicator value	0.9	0.9	0.9	0.9	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



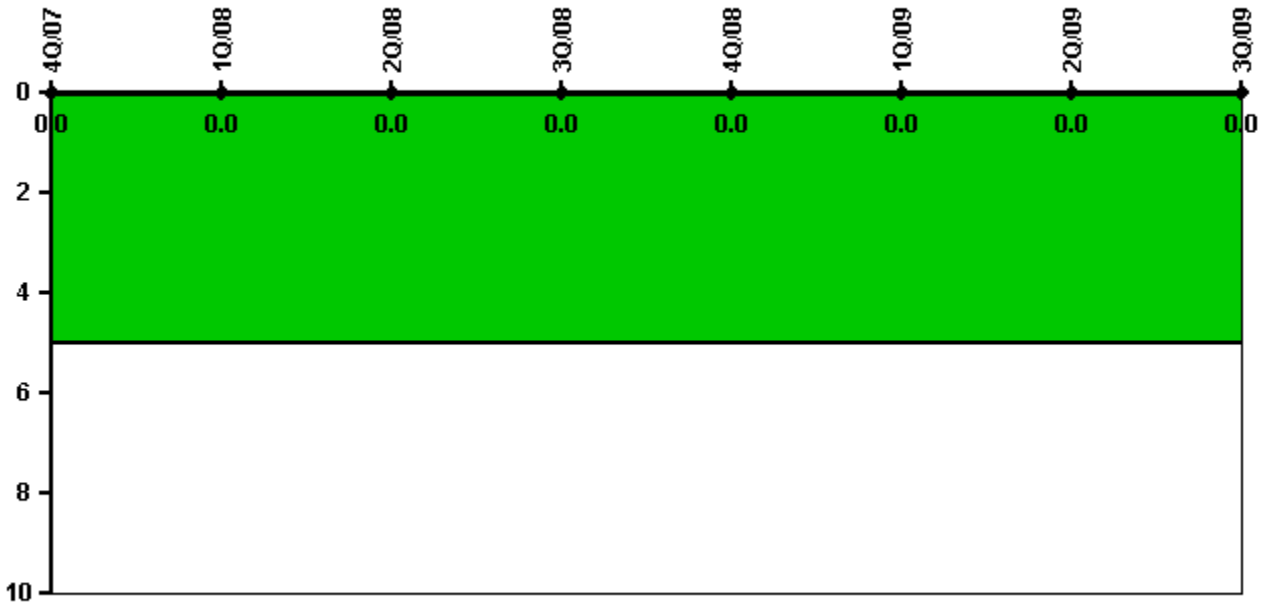
Thresholds: White > 1.0

Notes

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

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



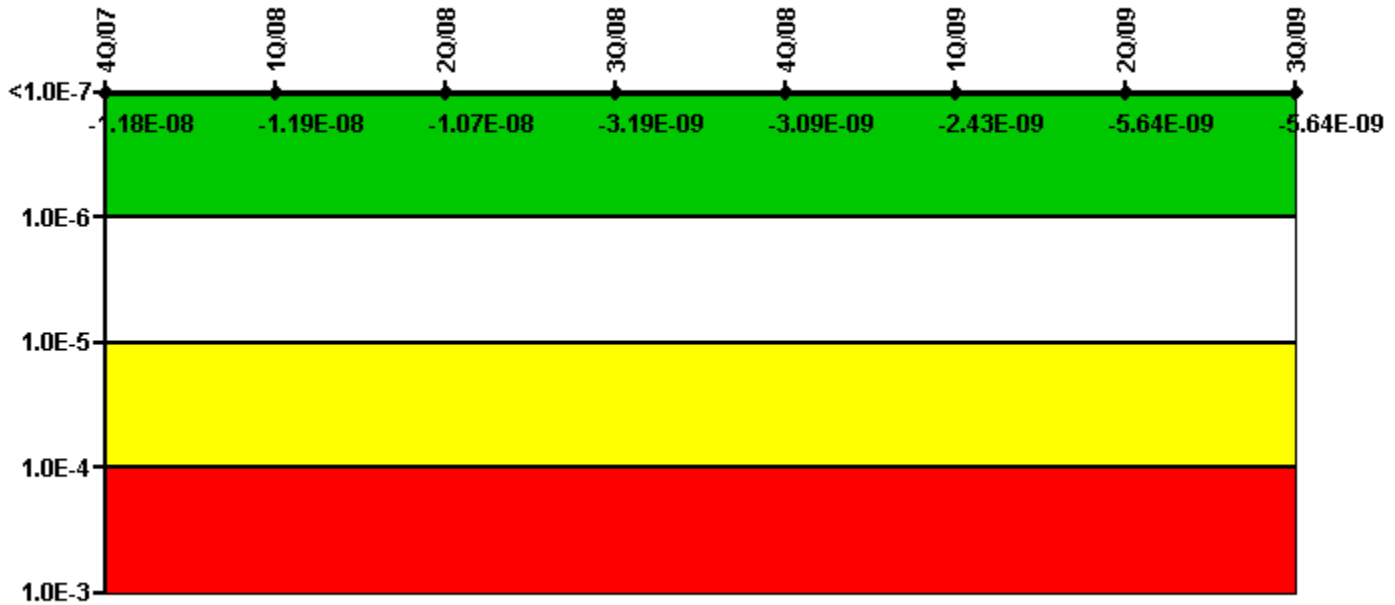
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
UAI (Δ CDF)	7.40E-08	-4.40E-08	-2.20E-08	-2.10E-09	-2.00E-09	-6.10E-09	-8.50E-09	6.80E-09
URI (Δ CDF)	-8.20E-07	-8.20E-07	-8.20E-07	-3.50E-07	5.80E-08	5.80E-08	5.60E-08	5.60E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-7.46E-07	-8.64E-07	-8.42E-07	-3.52E-07	5.60E-08	5.19E-08	4.75E-08	6.28E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



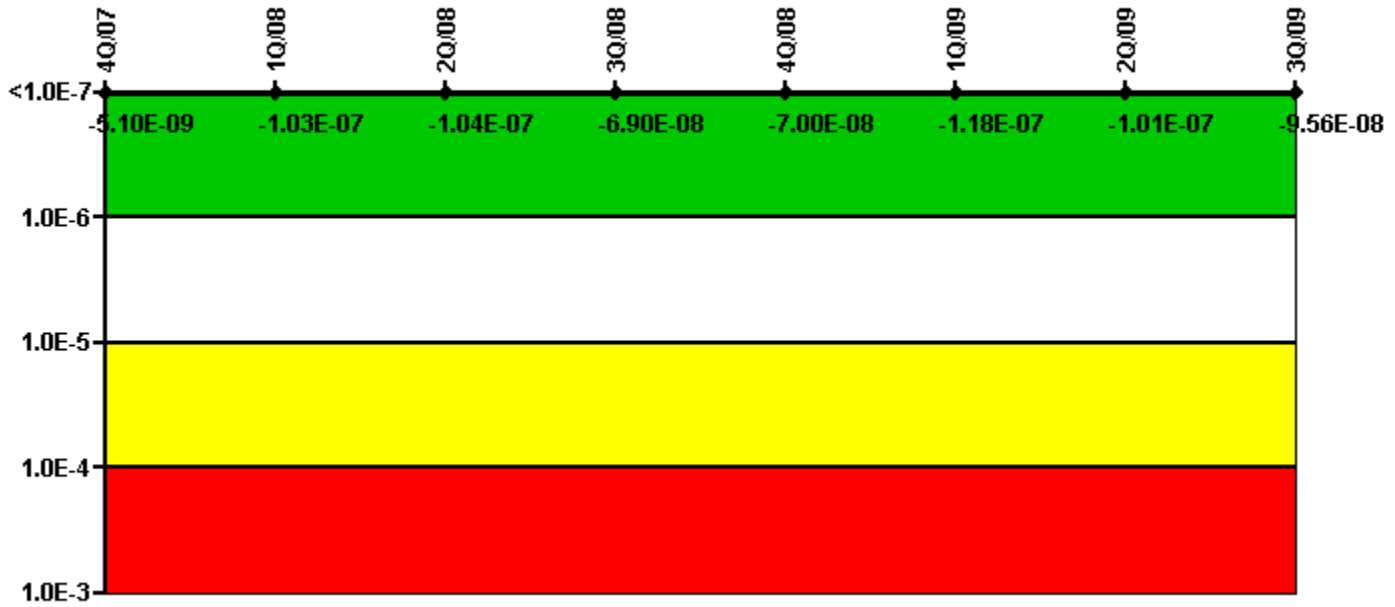
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	-8.40E-10	-8.50E-10	3.10E-10	-8.70E-11	-8.70E-11	3.70E-10	9.60E-10	9.60E-10
URI (Δ CDF)	-1.10E-08	-1.10E-08	-1.10E-08	-3.10E-09	-3.00E-09	-2.80E-09	-6.60E-09	-6.60E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.18E-08	-1.19E-08	-1.07E-08	-3.19E-09	-3.09E-09	-2.43E-09	-5.64E-09	-5.64E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



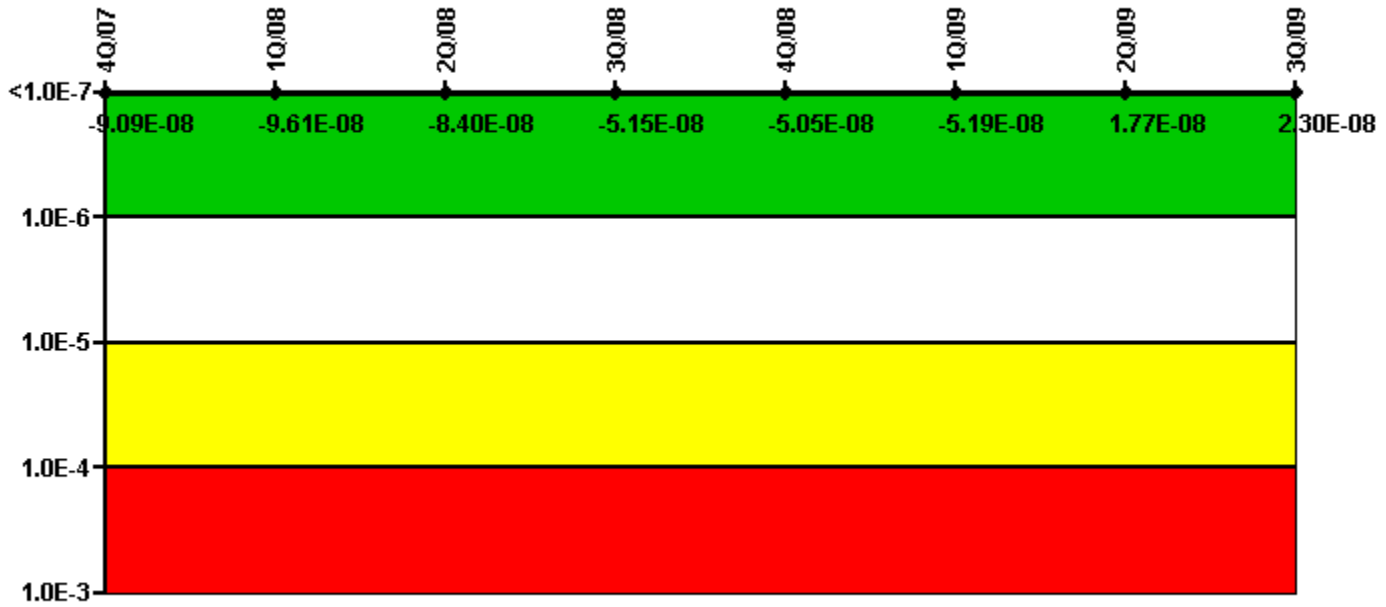
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
UAI (Δ CDF)	$-9.70E-09$	$-2.40E-08$	$-2.50E-08$	$-1.80E-08$	$-1.80E-08$	$-1.80E-08$	$-7.40E-09$	$-2.60E-09$
URI (Δ CDF)	$4.60E-09$	$-7.90E-08$	$-7.90E-08$	$-5.10E-08$	$-5.20E-08$	$-1.00E-07$	$-9.40E-08$	$-9.30E-08$
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	$-5.10E-09$	$-1.03E-07$	$-1.04E-07$	$-6.90E-08$	$-7.00E-08$	$-1.18E-07$	$-1.01E-07$	$-9.56E-08$

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



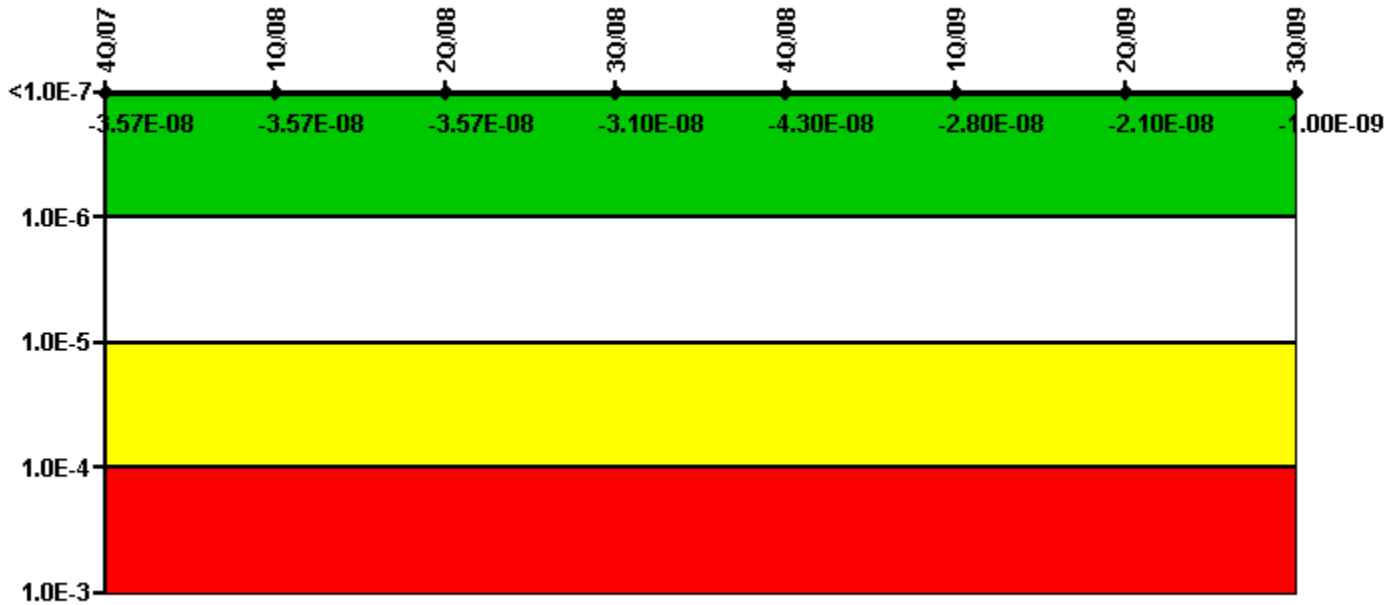
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
UAI (Δ CDF)	5.10E-09	-7.50E-11	1.20E-08	-1.50E-09	-1.50E-09	-3.90E-09	-4.30E-09	-9.80E-10
URI (Δ CDF)	-9.60E-08	-9.60E-08	-9.60E-08	-5.00E-08	-4.90E-08	-4.80E-08	2.20E-08	2.40E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-9.09E-08	-9.61E-08	-8.40E-08	-5.15E-08	-5.05E-08	-5.19E-08	1.77E-08	2.30E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
UAI (Δ CDF)	3.40E-10	3.40E-10	3.40E-10	3.30E-08	2.70E-08	4.80E-08	3.20E-08	5.60E-08
URI (Δ CDF)	-3.60E-08	-3.60E-08	-3.60E-08	-6.40E-08	-7.00E-08	-7.60E-08	-5.30E-08	-5.70E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.57E-08	-3.57E-08	-3.57E-08	-3.10E-08	-4.30E-08	-2.80E-08	-2.10E-08	-1.00E-09

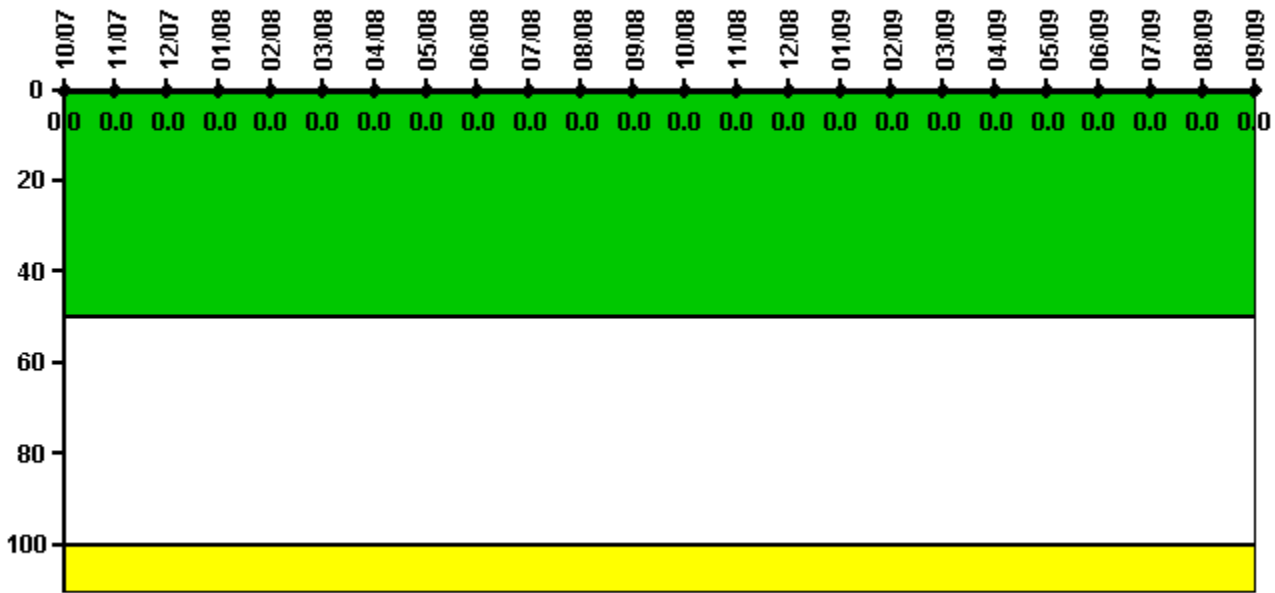
Licensee Comments:

3Q/09: On October 19, 2007, 1SW-271 failed to auto open after an ESW pump start due to an inadequate clearance. Plant was in Mode 5. Initially the failure was not logged as a MSPI failure due to taking credit for the operator manually opening the valve from the control switch. After further review, it was determined that this should be logged as a MSPI failure. No unavailability of the B ESW train is assigned since the plant was in Mode 5. No color change.

2Q/09: Updated PRA parameters to reflect MSPI Basis Document update to PRA 2007a Model of Record.

3Q/08: MSPI Basis Document updated to reflect 2007 PRA Model of Record. Added two new monitored components: 1SW-39 and 1SW-40.

Reactor Coolant System Activity



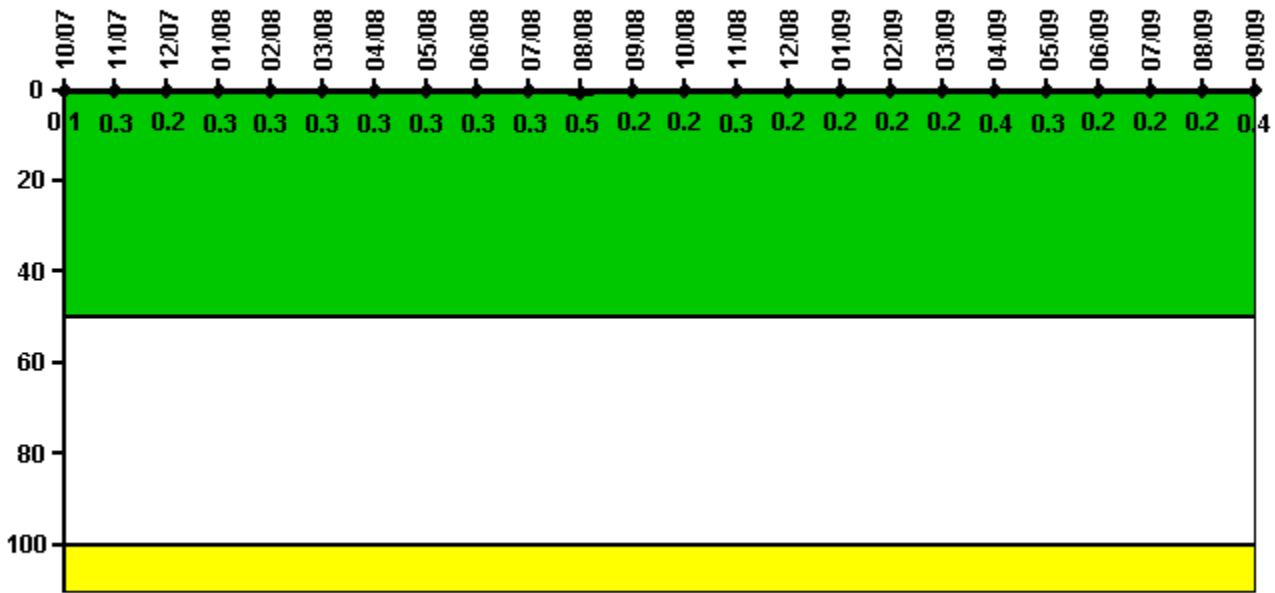
Thresholds: White > 50.0 Yellow > 100.0

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	0.000033	0.000041	0.000127	0.000045	0.000081	0.000054	0.000054	0.000056	0.000060	0.000061	0.000066	0.000068
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	10/08	11/08	12/08	1/09	2/09	3/09	4/09	5/09	6/09	7/09	8/09	9/09
Maximum activity	0.000071	0.000073	0.000079	0.000083	0.000233	0.000095	0.000080	0.000045	0.000056	0.000070	0.000427	0.000089
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



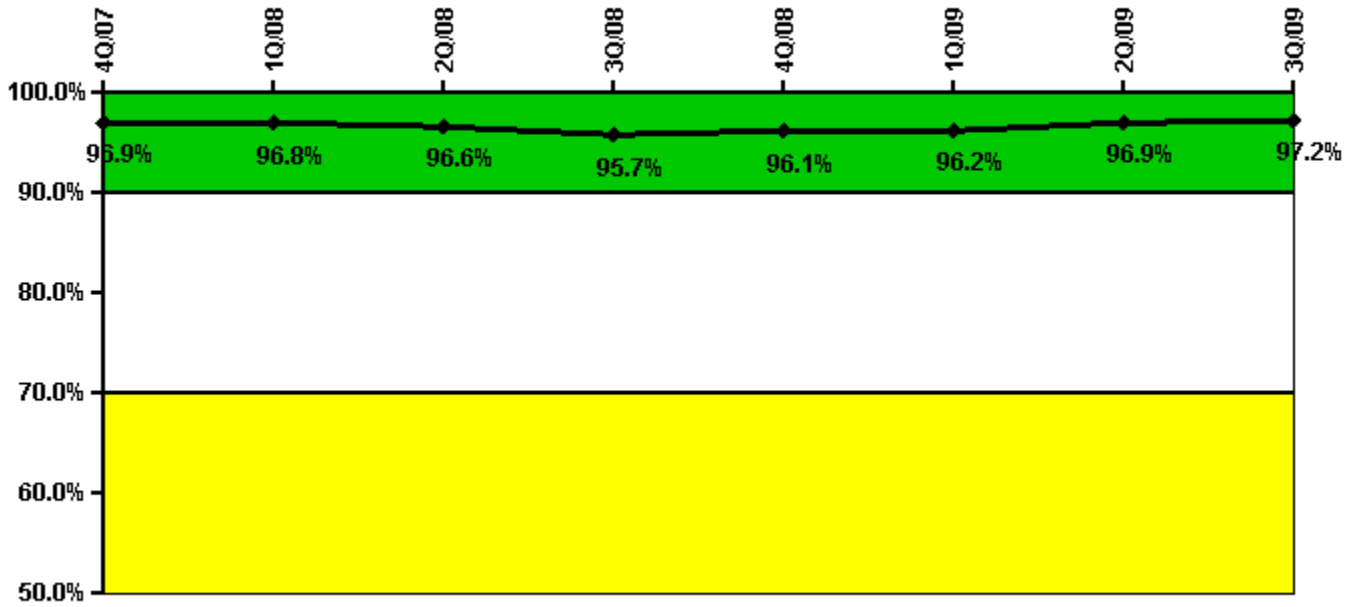
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08
Maximum leakage	0.010	0.030	0.020	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.050	0.020
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.2
Reactor Coolant System Leakage	10/08	11/08	12/08	1/09	2/09	3/09	4/09	5/09	6/09	7/09	8/09	9/09
Maximum leakage	0.020	0.030	0.020	0.020	0.020	0.016	0.039	0.030	0.020	0.020	0.020	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.3	0.2	0.2	0.2	0.2	0.4	0.3	0.2	0.2	0.2	0.4

Licensee Comments: none

Drill/Exercise Performance



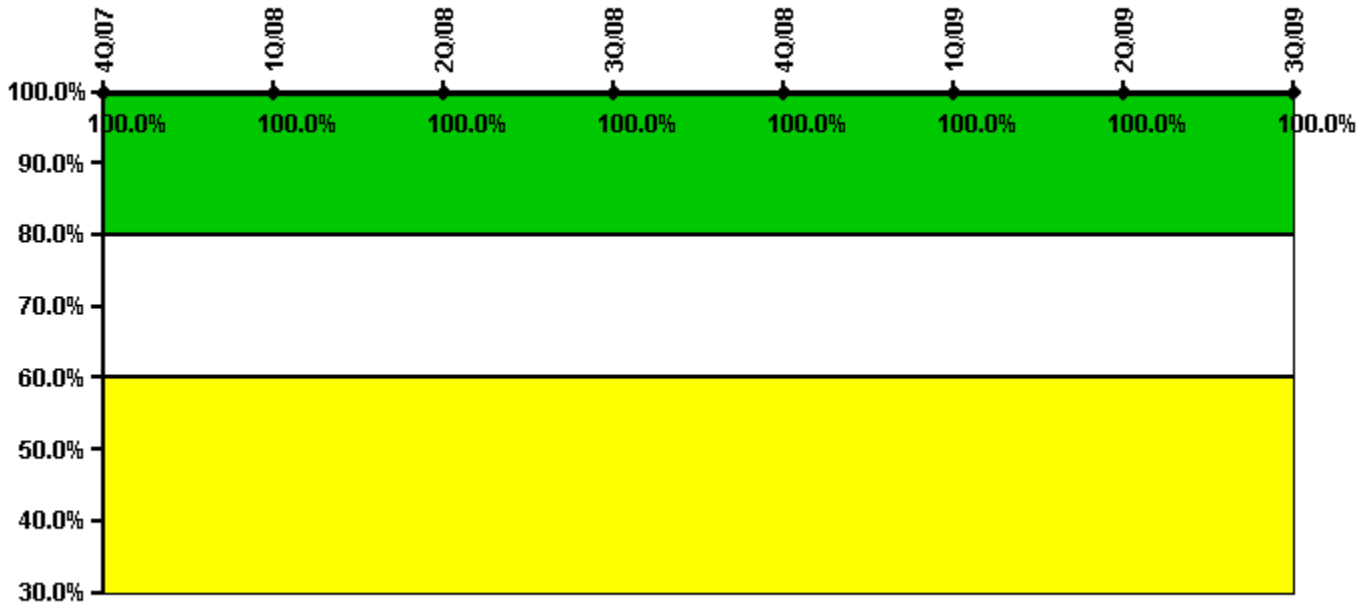
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Successful opportunities	21.0	6.0	31.0	17.0	29.0	54.0	20.0	29.0
Total opportunities	22.0	6.0	33.0	18.0	29.0	55.0	20.0	30.0
Indicator value	96.9%	96.8%	96.6%	95.7%	96.1%	96.2%	96.9%	97.2%

Licensee Comments: none

ERO Drill Participation



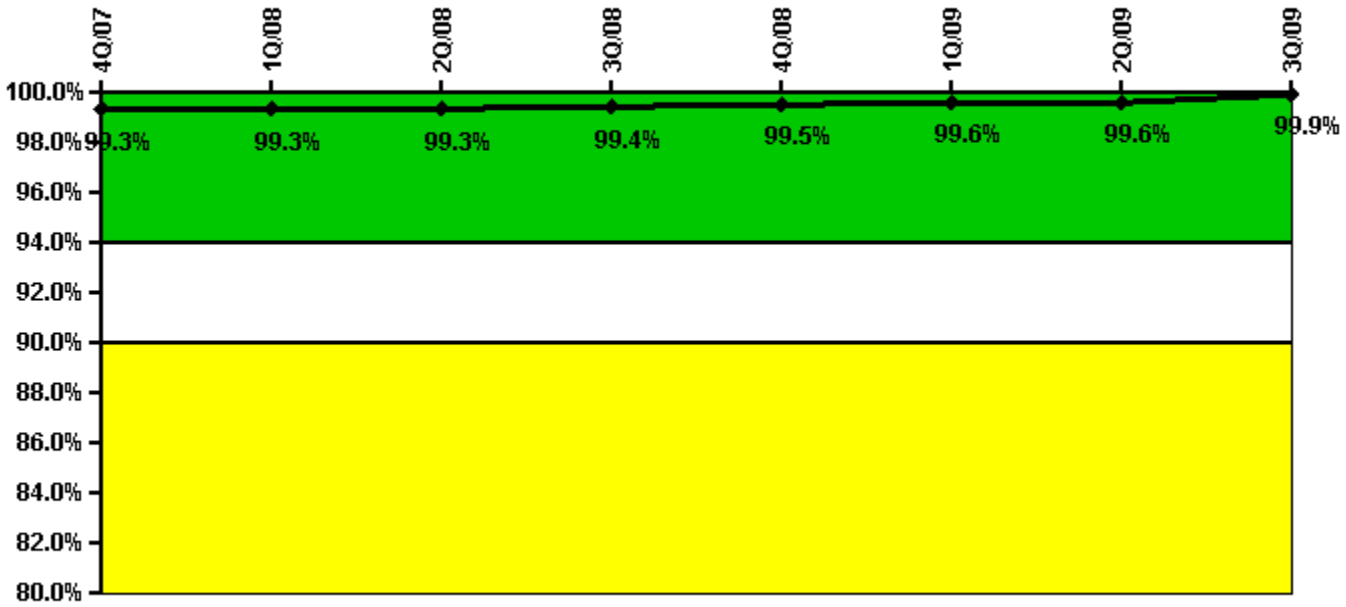
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Participating Key personnel	43.0	42.0	42.0	45.0	43.0	41.0	38.0	47.0
Total Key personnel	43.0	42.0	42.0	45.0	43.0	41.0	38.0	47.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



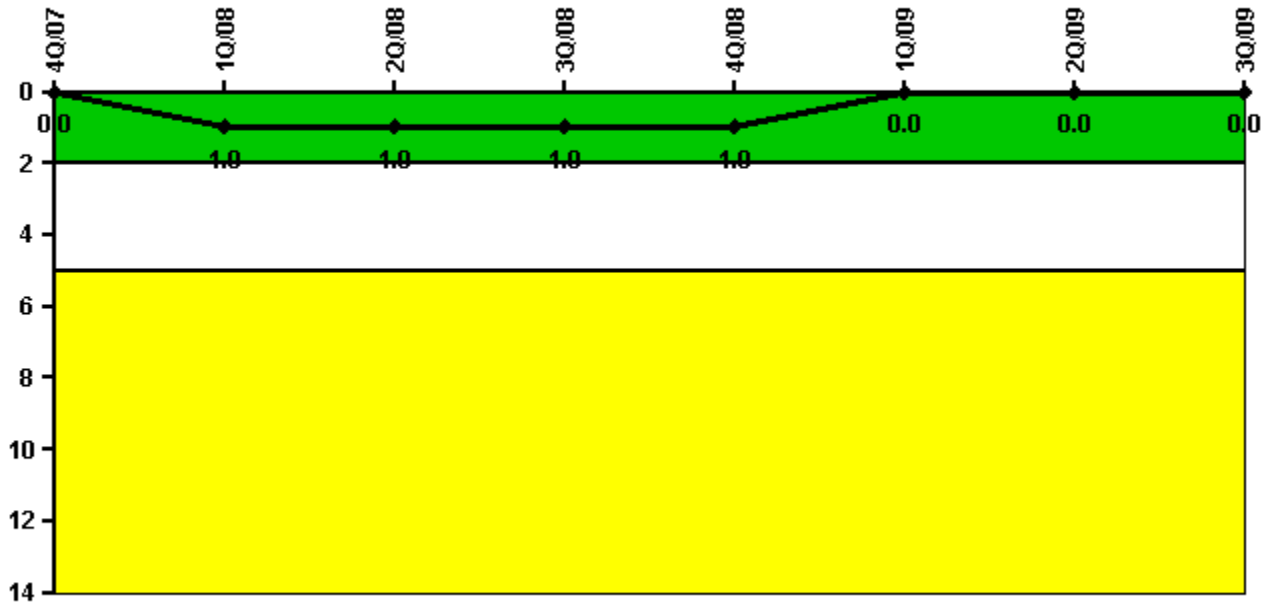
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Successful siren-tests	563	565	663	657	662	580	664	747
Total sirens-tests	567	567	664	664	664	581	664	747
Indicator value	99.3%	99.3%	99.3%	99.4%	99.5%	99.6%	99.6%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



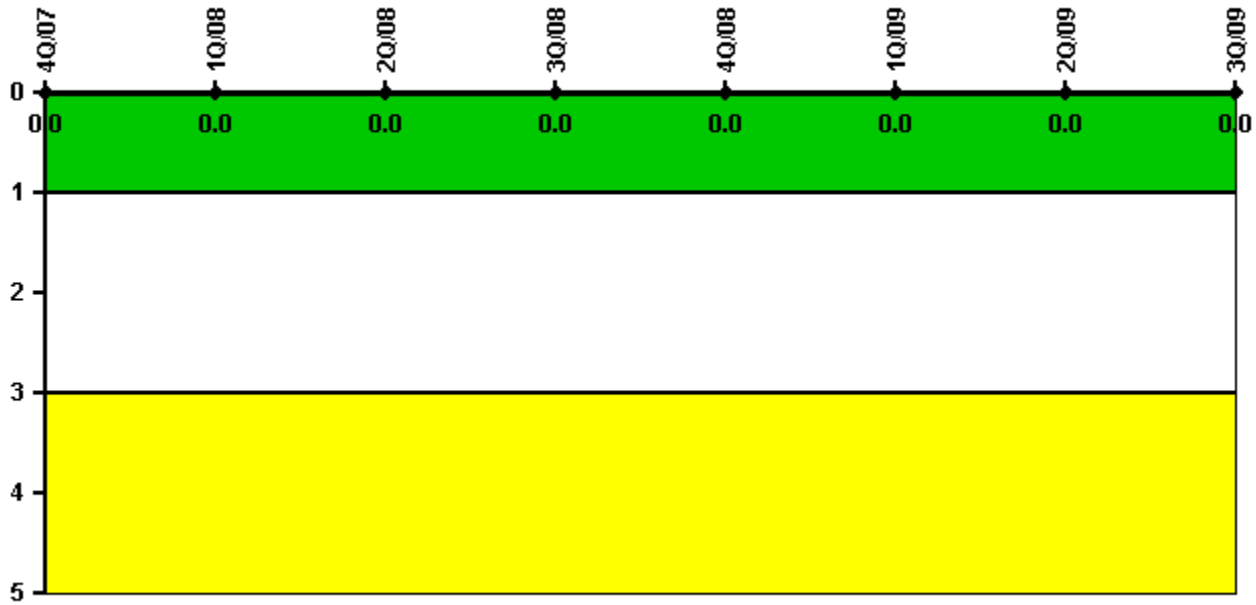
Thresholds: White > 2.0 Yellow > 5.0

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	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	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

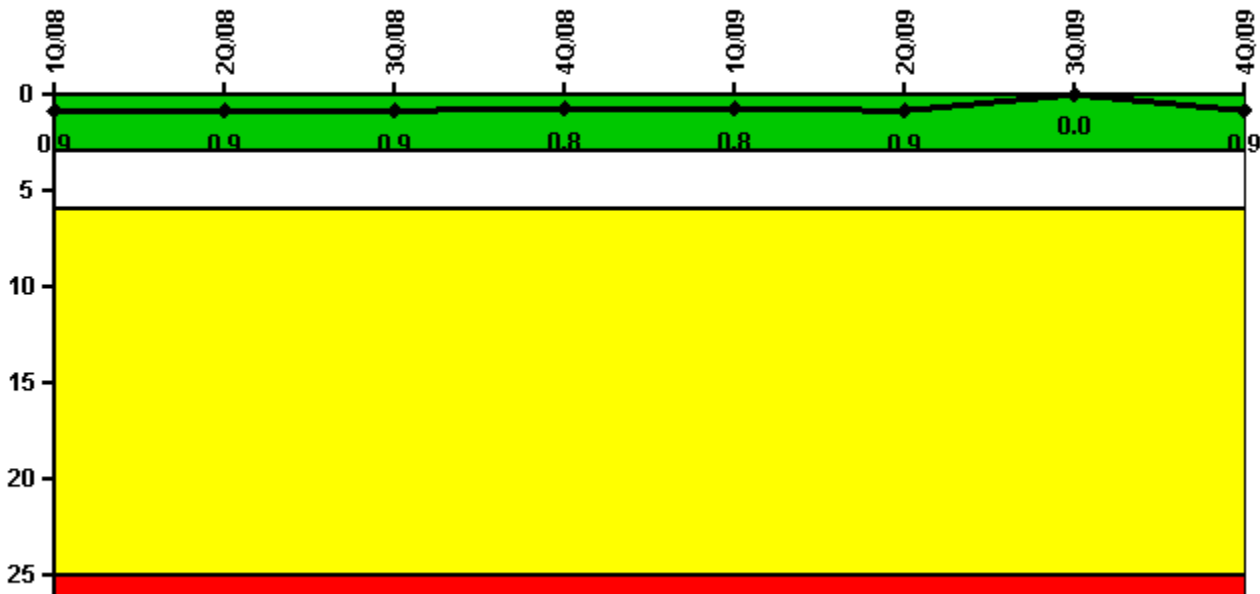
[Security](#) information not publicly available.

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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

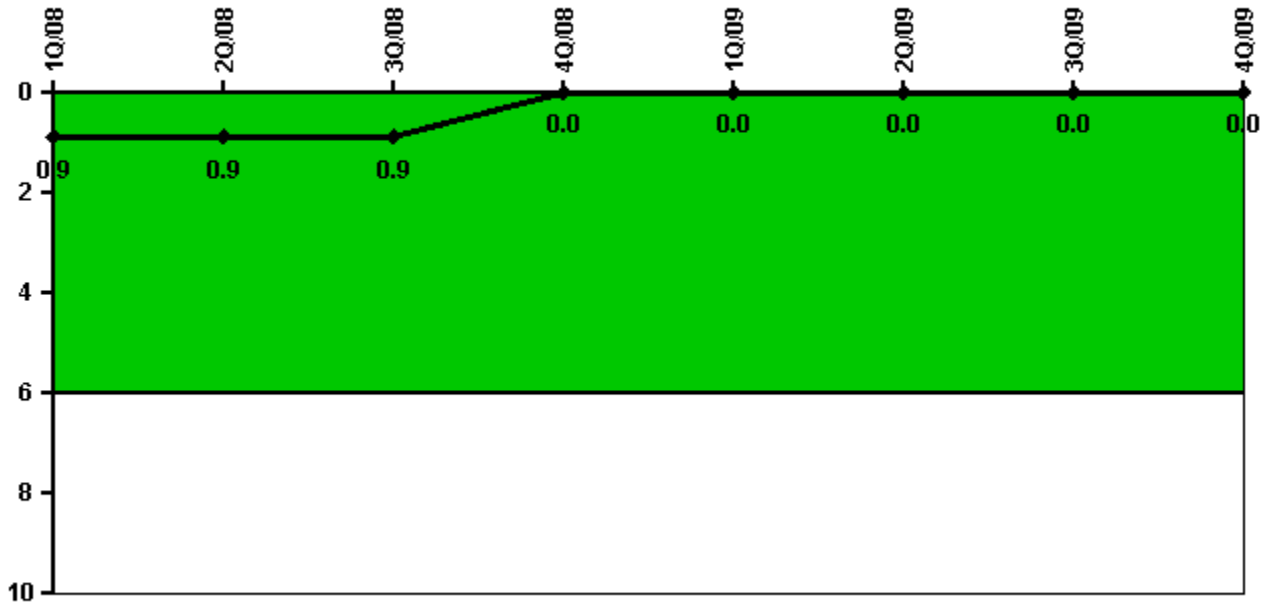
Notes

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	1.0	0	0	0	0	1.0
Critical hours	2183.0	2184.0	1975.9	2209.0	2159.0	1651.4	2208.0	2102.5
Indicator value	0.9	0.9	0.9	0.8	0.8	0.9	0	0.9

Licensee Comments:

4Q/09: A Manual Scram was initiated on 11/15/09 due to a Hydrogen Seal Oil Leak.

Unplanned Power Changes per 7000 Critical Hrs



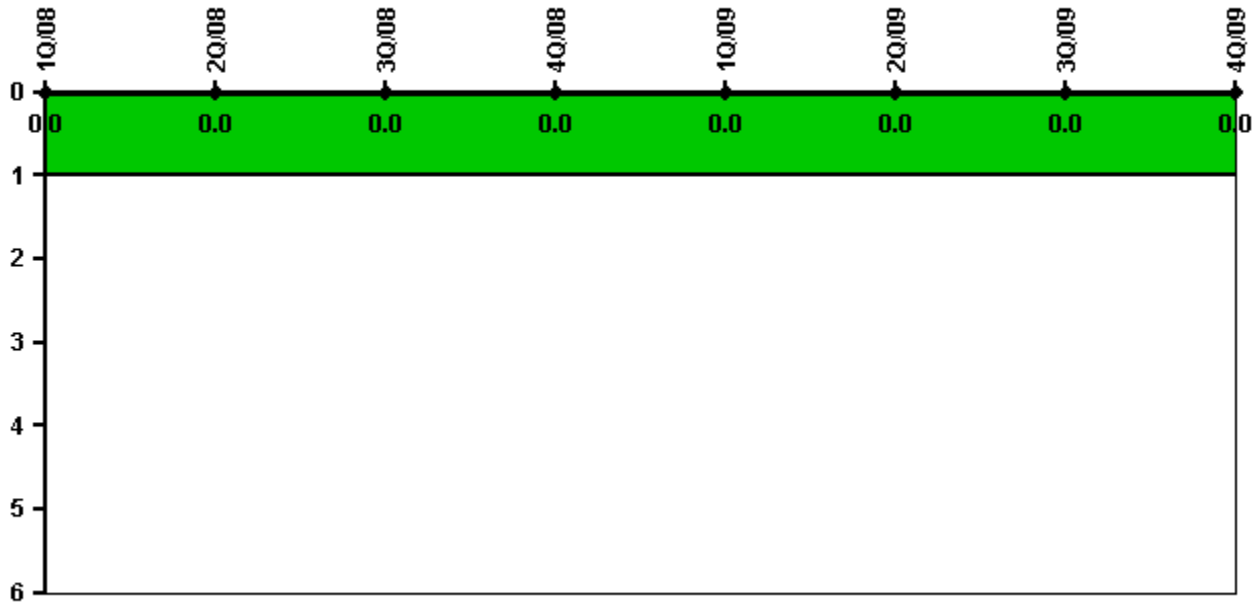
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2183.0	2184.0	1975.9	2209.0	2159.0	1651.4	2208.0	2102.5
Indicator value	0.9	0.9	0.9	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



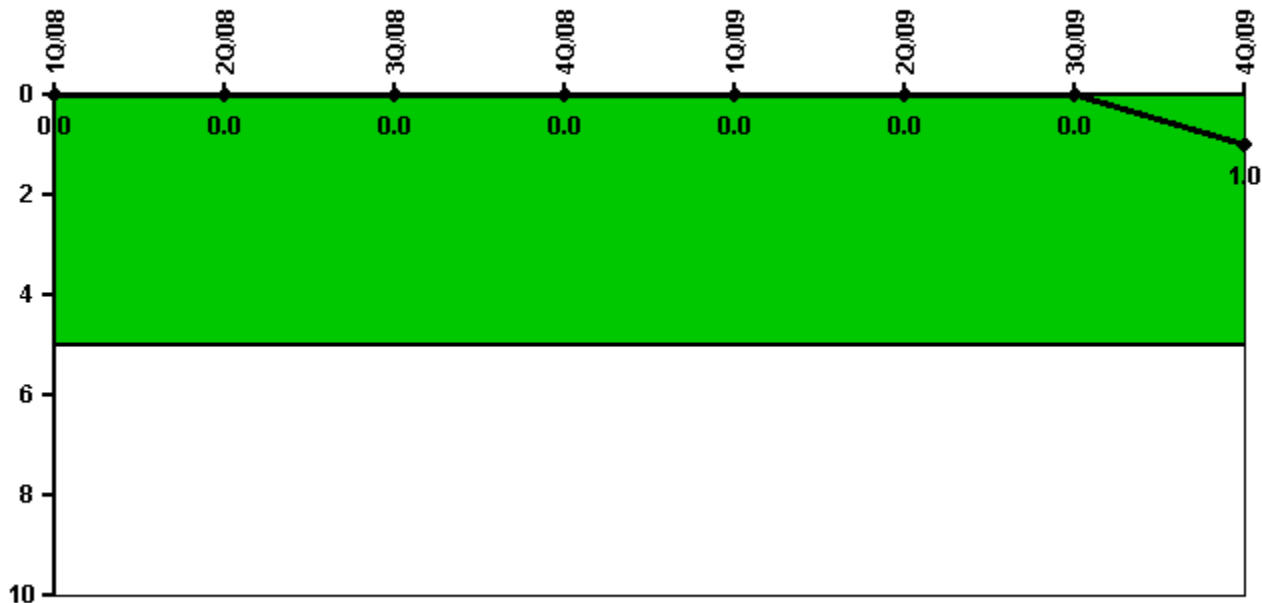
Thresholds: White > 1.0

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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

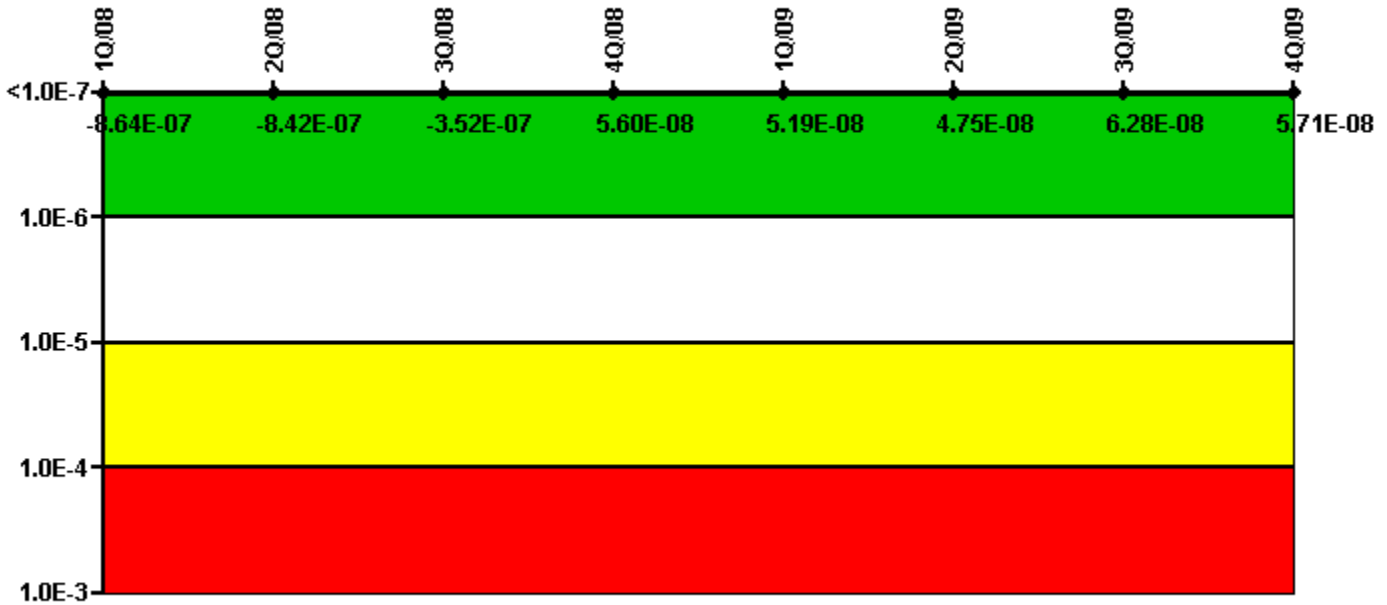
Notes

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

Licensee Comments:

4Q/09: One LER (2009-002-00) was submitted for the month of December 2009, which identified the potential for the RHR Trains to be inoperable during mode changes. A detailed outside vendor evaluation is in progress with results to be supplied in Feb. 2010.

Mitigating Systems Performance Index, Emergency AC Power System



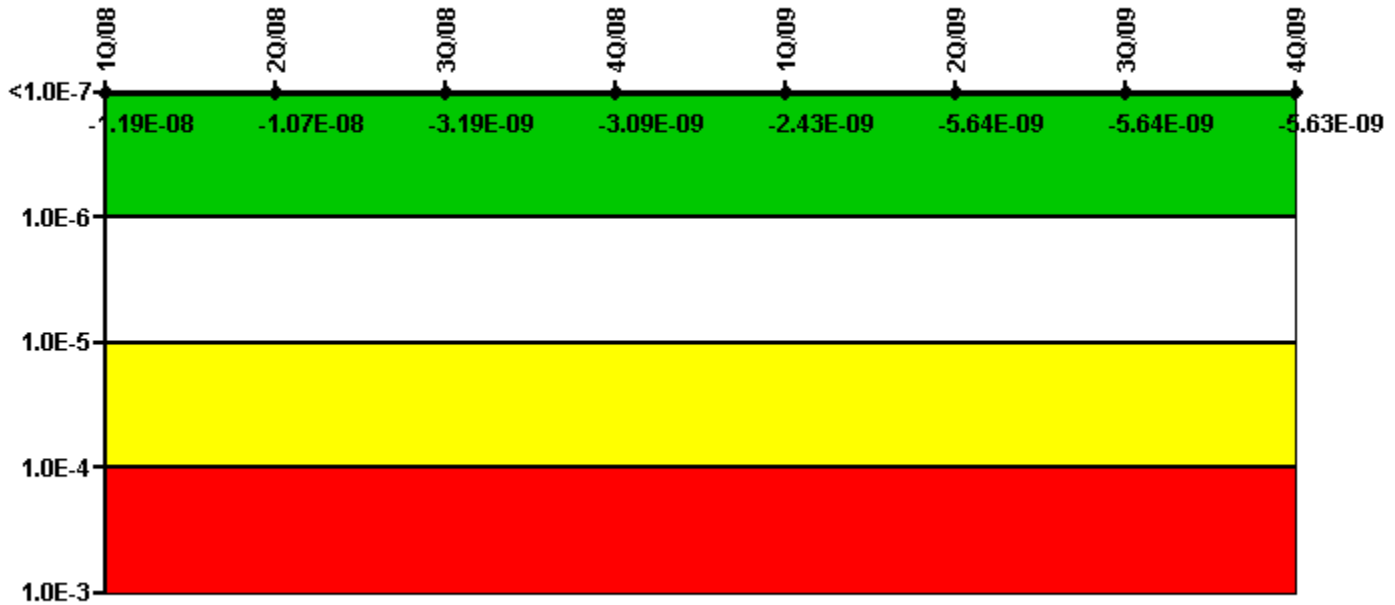
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
UAI (Δ CDF)	-4.40E-08	-2.20E-08	-2.10E-09	-2.00E-09	-6.10E-09	-8.50E-09	6.80E-09	1.10E-09
URI (Δ CDF)	-8.20E-07	-8.20E-07	-3.50E-07	5.80E-08	5.80E-08	5.60E-08	5.60E-08	5.60E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-8.64E-07	-8.42E-07	-3.52E-07	5.60E-08	5.19E-08	4.75E-08	6.28E-08	5.71E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



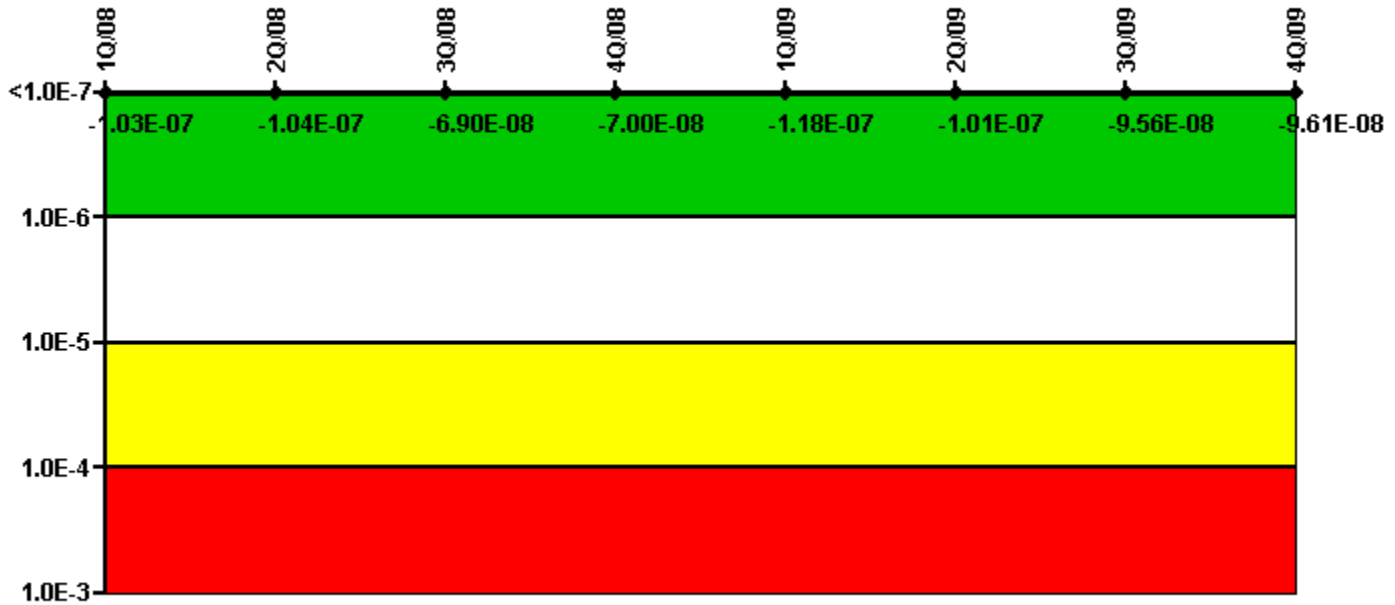
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	-8.50E-10	3.10E-10	-8.70E-11	-8.70E-11	3.70E-10	9.60E-10	9.60E-10	9.70E-10
URI (Δ CDF)	-1.10E-08	-1.10E-08	-3.10E-09	-3.00E-09	-2.80E-09	-6.60E-09	-6.60E-09	-6.60E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.19E-08	-1.07E-08	-3.19E-09	-3.09E-09	-2.43E-09	-5.64E-09	-5.64E-09	-5.63E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



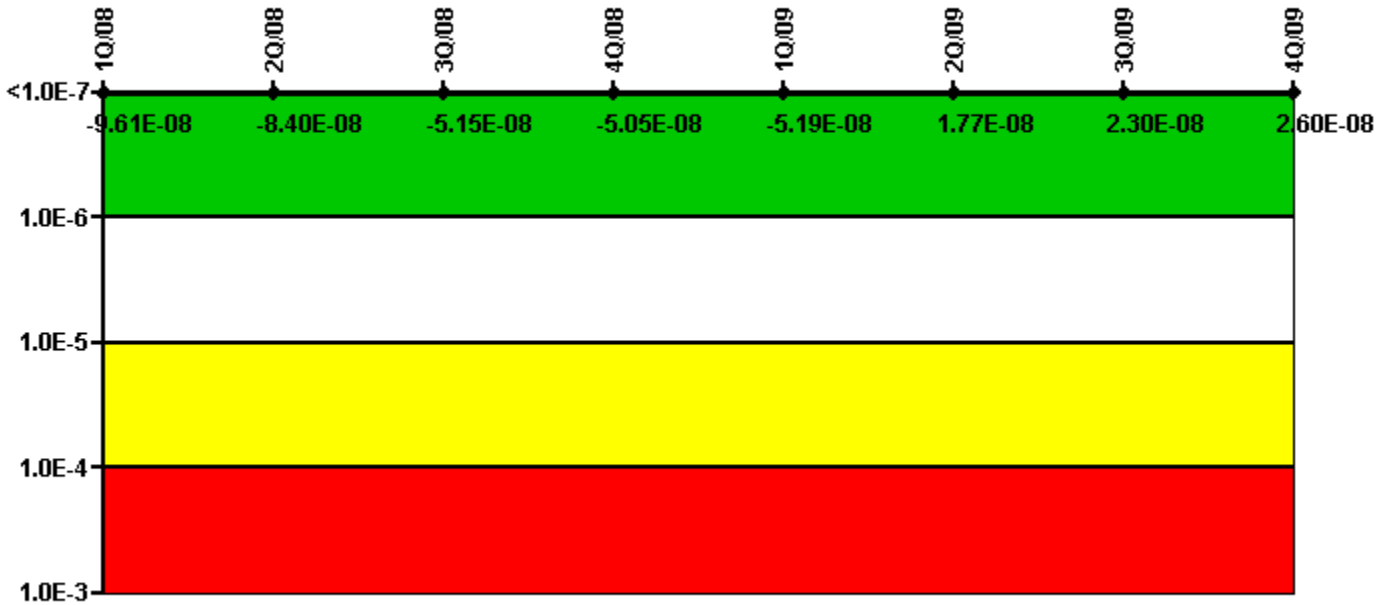
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
UAI (Δ CDF)	-2.40E-08	-2.50E-08	-1.80E-08	-1.80E-08	-1.80E-08	-7.40E-09	-2.60E-09	-4.10E-09
URI (Δ CDF)	-7.90E-08	-7.90E-08	-5.10E-08	-5.20E-08	-1.00E-07	-9.40E-08	-9.30E-08	-9.20E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.03E-07	-1.04E-07	-6.90E-08	-7.00E-08	-1.18E-07	-1.01E-07	-9.56E-08	-9.61E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



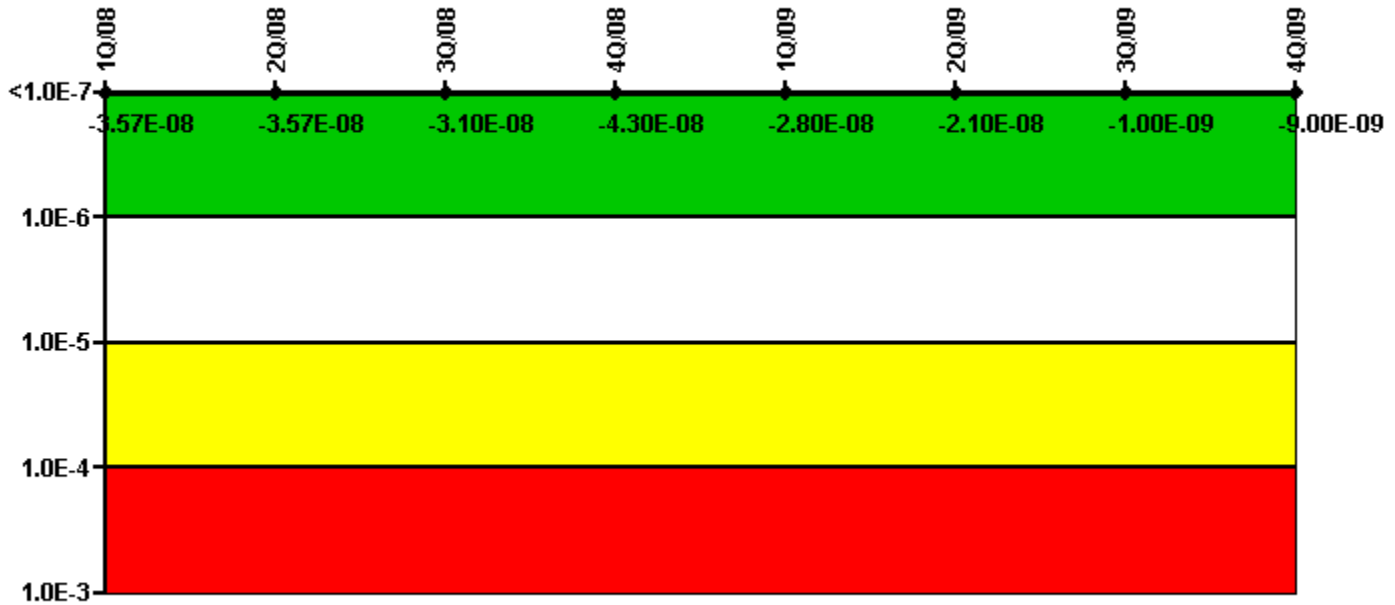
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
UAI (Δ CDF)	-7.50E-11	1.20E-08	-1.50E-09	-1.50E-09	-3.90E-09	-4.30E-09	-9.80E-10	1.00E-09
URI (Δ CDF)	-9.60E-08	-9.60E-08	-5.00E-08	-4.90E-08	-4.80E-08	2.20E-08	2.40E-08	2.50E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-9.61E-08	-8.40E-08	-5.15E-08	-5.05E-08	-5.19E-08	1.77E-08	2.30E-08	2.60E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



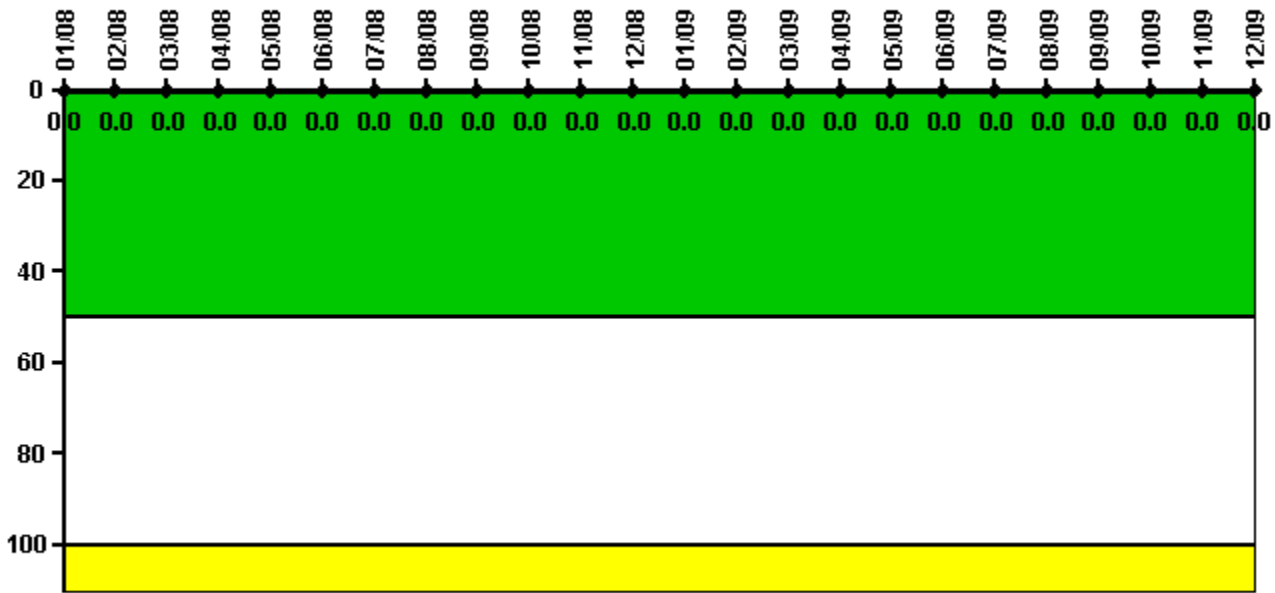
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
UAI (Δ CDF)	3.40E-10	3.40E-10	3.30E-08	2.70E-08	4.80E-08	3.20E-08	5.60E-08	5.20E-08
URI (Δ CDF)	-3.60E-08	-3.60E-08	-6.40E-08	-7.00E-08	-7.60E-08	-5.30E-08	-5.70E-08	-6.10E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.57E-08	-3.57E-08	-3.10E-08	-4.30E-08	-2.80E-08	-2.10E-08	-1.00E-09	-9.00E-09

Licensee Comments: none

Reactor Coolant System Activity



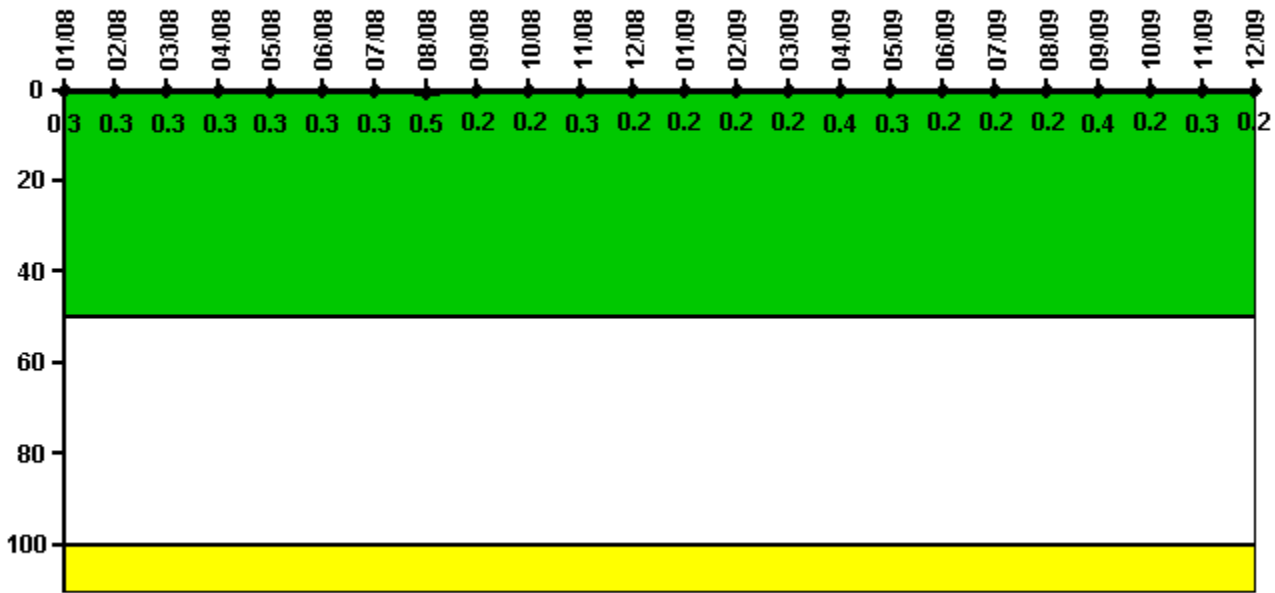
Thresholds: White > 50.0 Yellow > 100.0

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	0.000045	0.000081	0.000054	0.000054	0.000056	0.000060	0.000061	0.000066	0.000068	0.000071	0.000073	0.000079
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	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	0.000083	0.000233	0.000095	0.000080	0.000045	0.000056	0.000070	0.000427	0.000089	0.000099	0.000102	0.000116
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



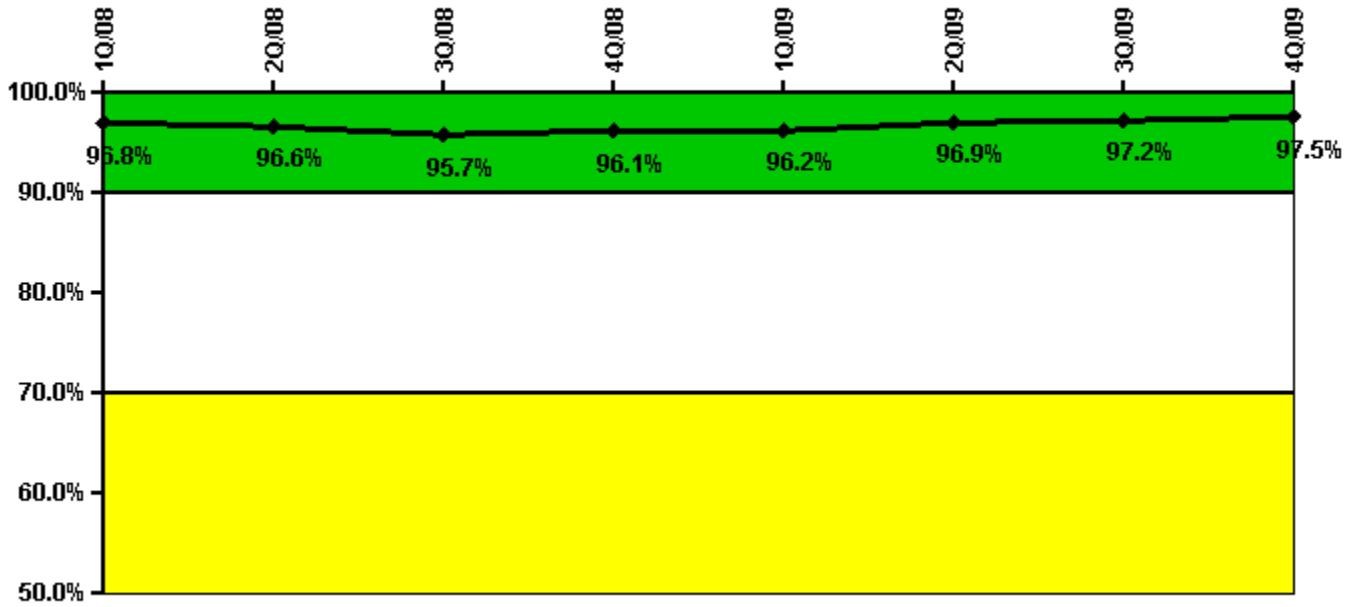
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08	10/08	11/08	12/08
Maximum leakage	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.050	0.020	0.020	0.030	0.020
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.2	0.2	0.3	0.2
Reactor Coolant System Leakage	1/09	2/09	3/09	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09
Maximum leakage	0.020	0.020	0.016	0.039	0.030	0.020	0.020	0.020	0.040	0.020	0.030	0.020
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.2	0.2	0.4	0.3	0.2	0.2	0.2	0.4	0.2	0.3	0.2

Licensee Comments: none

Drill/Exercise Performance



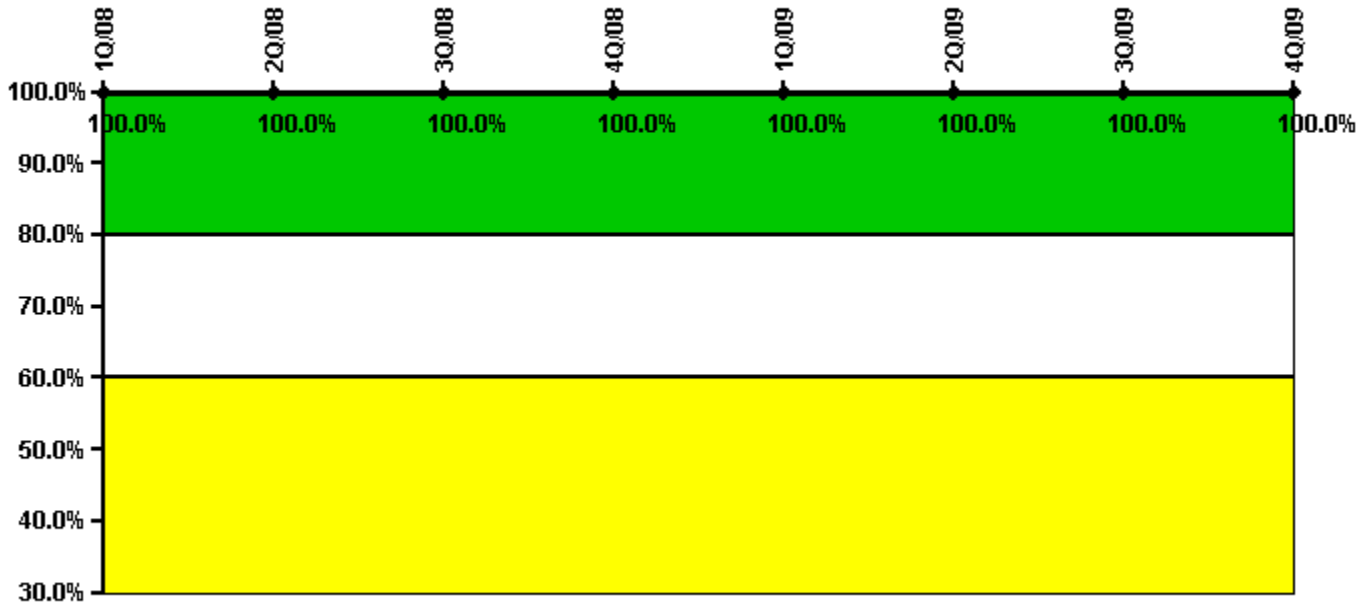
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Successful opportunities	6.0	31.0	17.0	29.0	54.0	20.0	29.0	46.0
Total opportunities	6.0	33.0	18.0	29.0	55.0	20.0	30.0	47.0
Indicator value	96.8%	96.6%	95.7%	96.1%	96.2%	96.9%	97.2%	97.5%

Licensee Comments: none

ERO Drill Participation



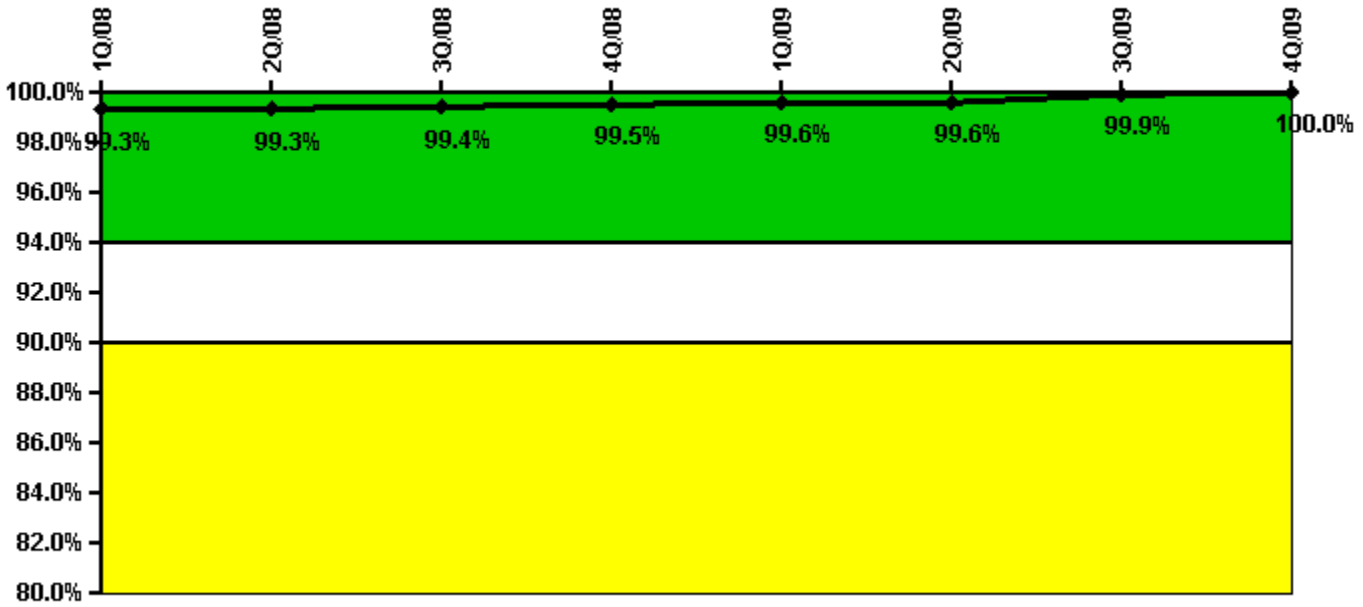
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Participating Key personnel	42.0	42.0	45.0	43.0	41.0	38.0	47.0	50.0
Total Key personnel	42.0	42.0	45.0	43.0	41.0	38.0	47.0	50.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



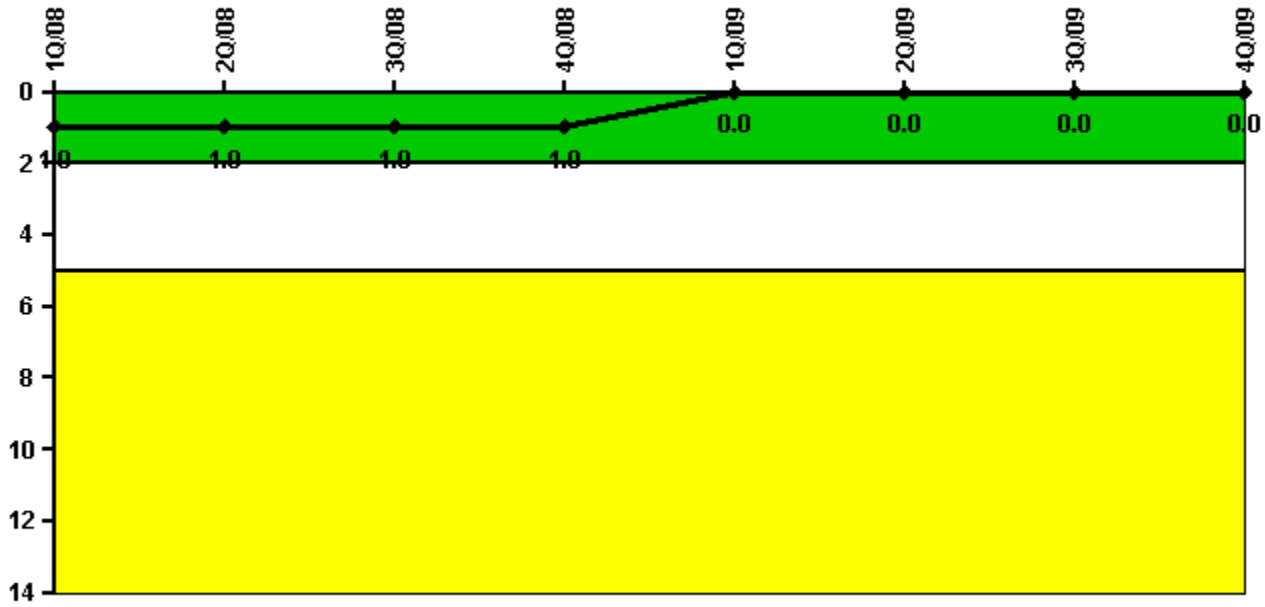
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Successful siren-tests	565	663	657	662	580	664	747	581
Total sirens-tests	567	664	664	664	581	664	747	581
Indicator value	99.3%	99.3%	99.4%	99.5%	99.6%	99.6%	99.9%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



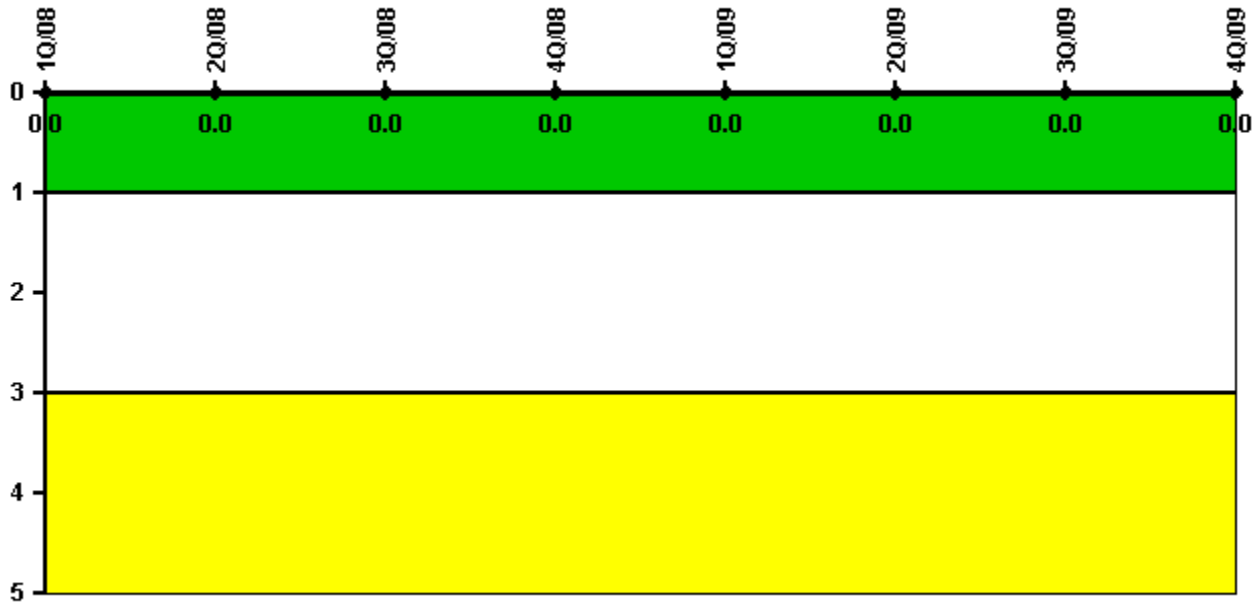
Thresholds: White > 2.0 Yellow > 5.0

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	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	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

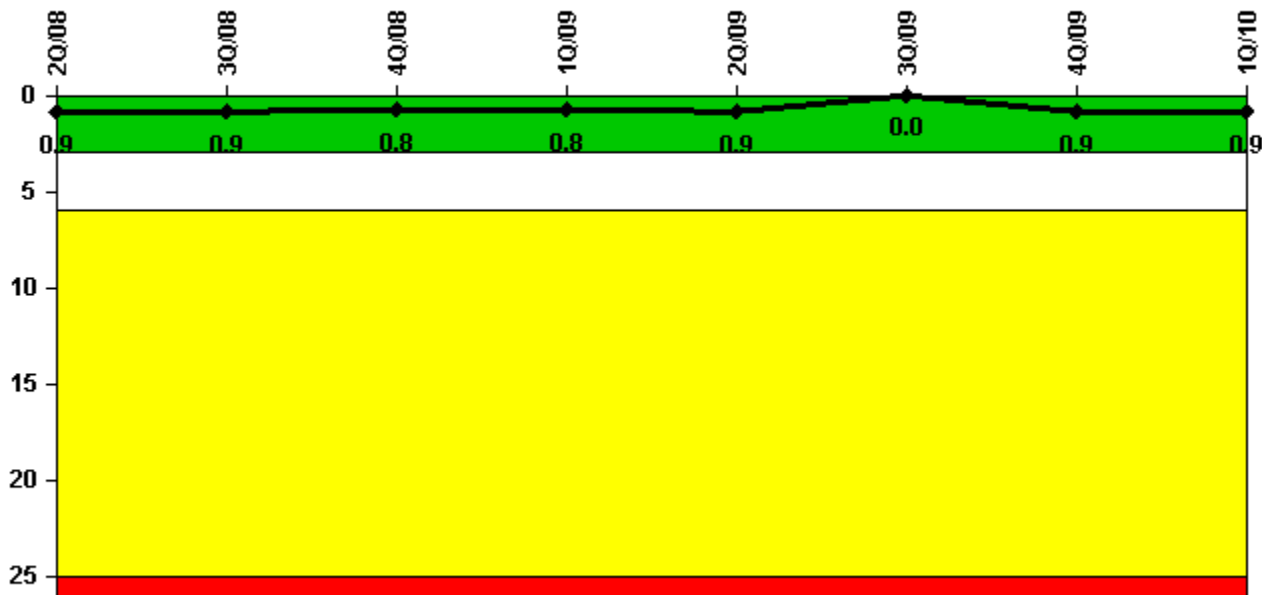
[Security](#) information not publicly available.

Harris 1

1Q/2010 Performance Indicators

Licensee's General Comments: Change file submitted to add failure #1307 for the B RHR pump suction voiding-discovered condition reported as a run failure for May 2009. No change in color or threshold.

Unplanned Scrams per 7000 Critical Hrs



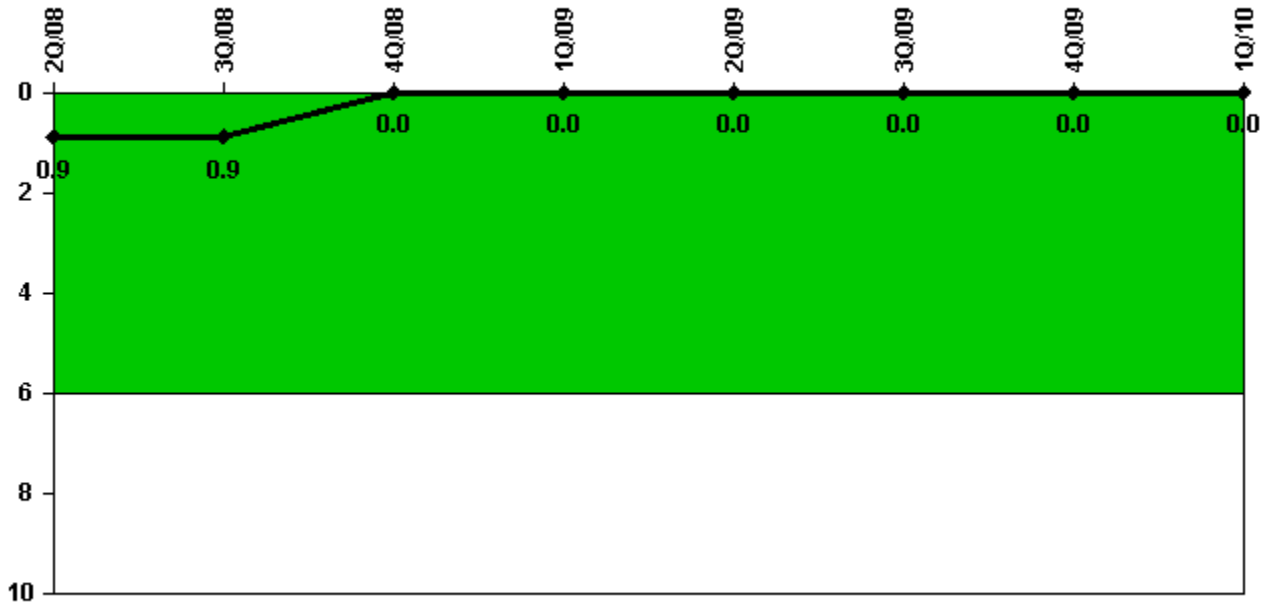
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0	0	1.0	0
Critical hours	2184.0	1975.9	2209.0	2159.0	1651.4	2208.0	2102.5	2159.0
Indicator value	0.9	0.9	0.8	0.8	0.9	0	0.9	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

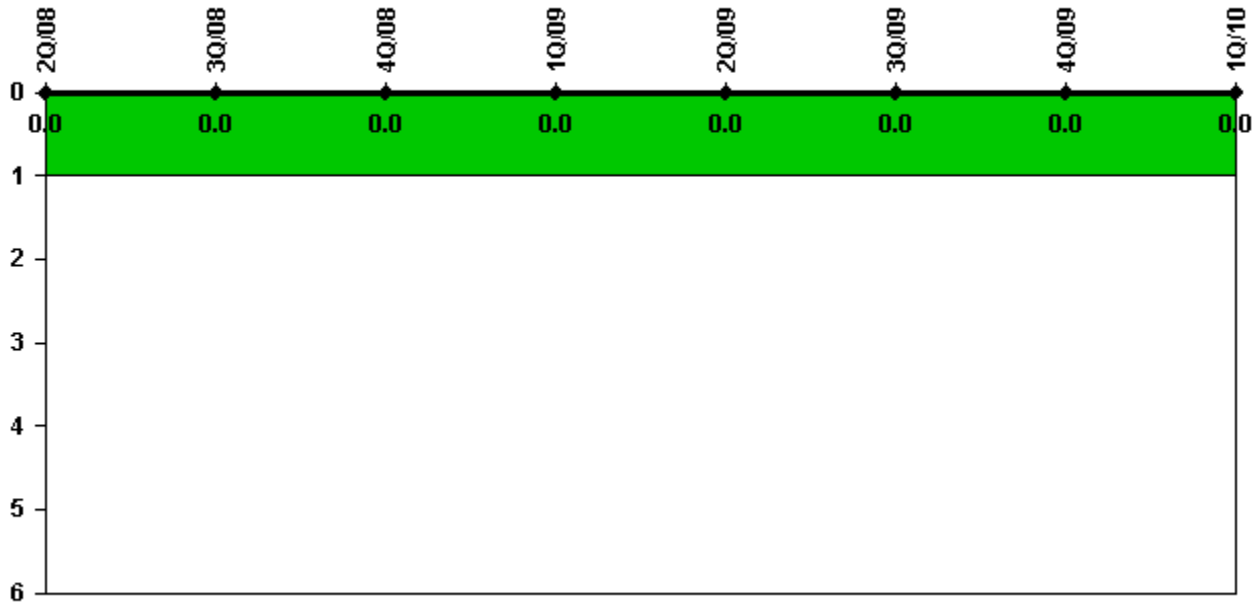
Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2184.0	1975.9	2209.0	2159.0	1651.4	2208.0	2102.5	2159.0
Indicator value	0.9	0.9	0	0	0	0	0	0

Licensee Comments:

1Q/10: There were no unplanned power changes greater than 20% during January 2010. There was one planned power change to 58% to repair a Service Water Leak on AH-3A during January 2010.

Unplanned Scrams with Complications



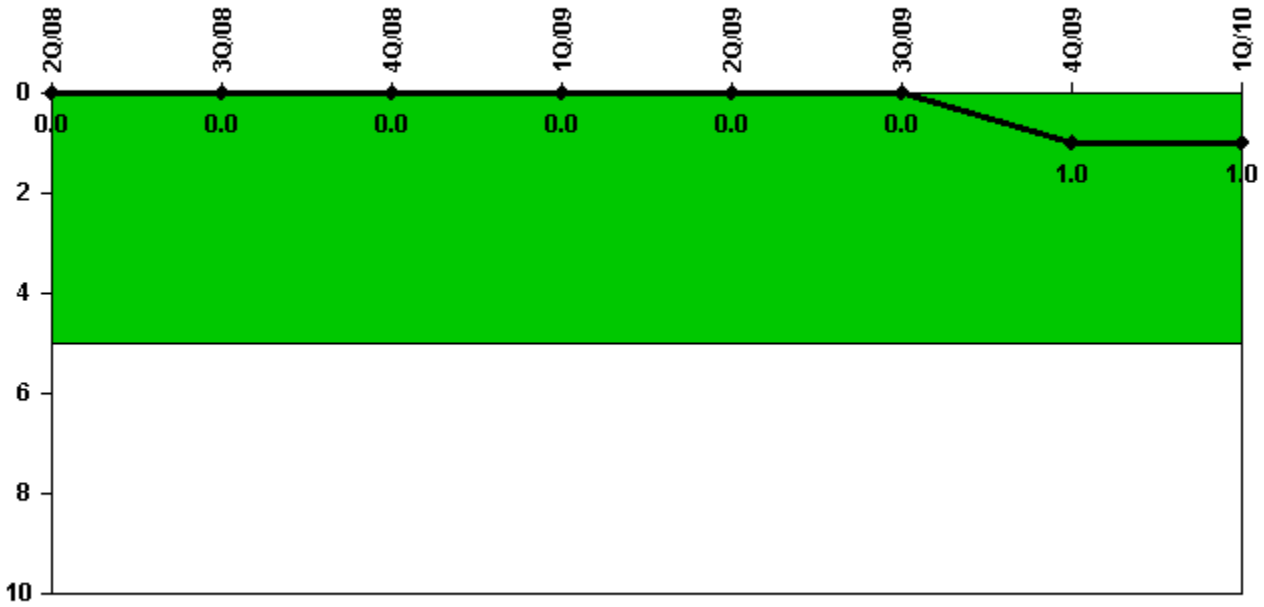
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



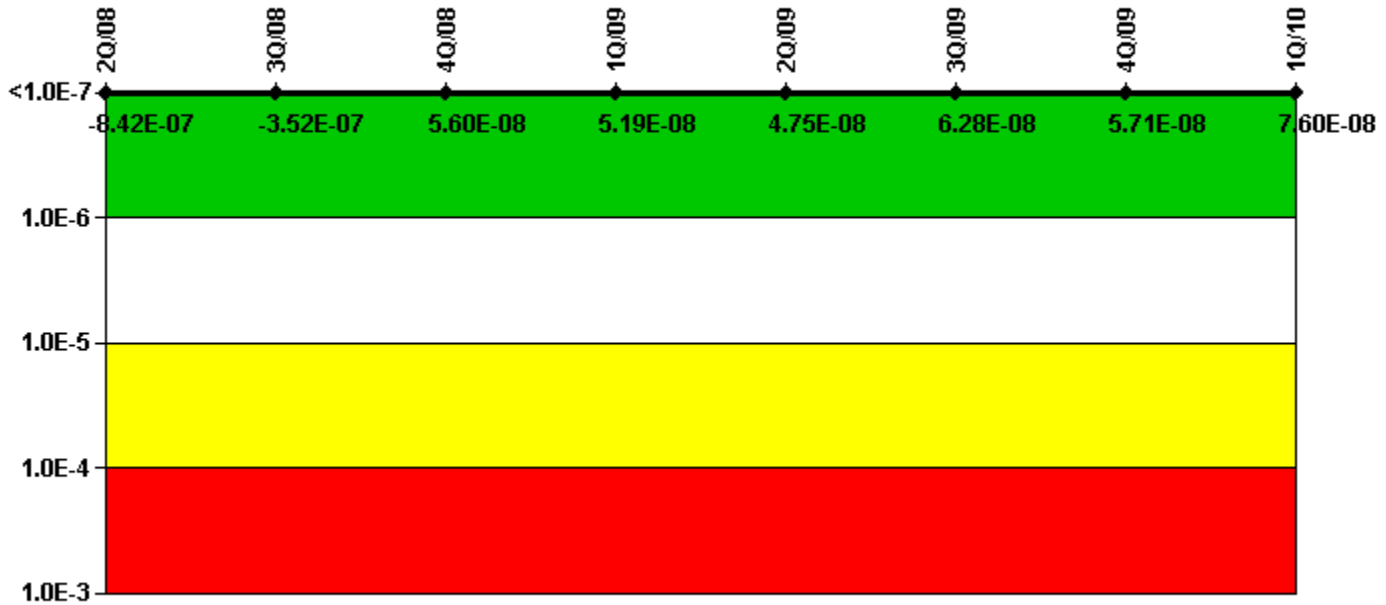
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Safety System Functional Failures	0	0	0	0	0	0	1	0
Indicator value	0	0	0	0	0	0	1	1

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



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

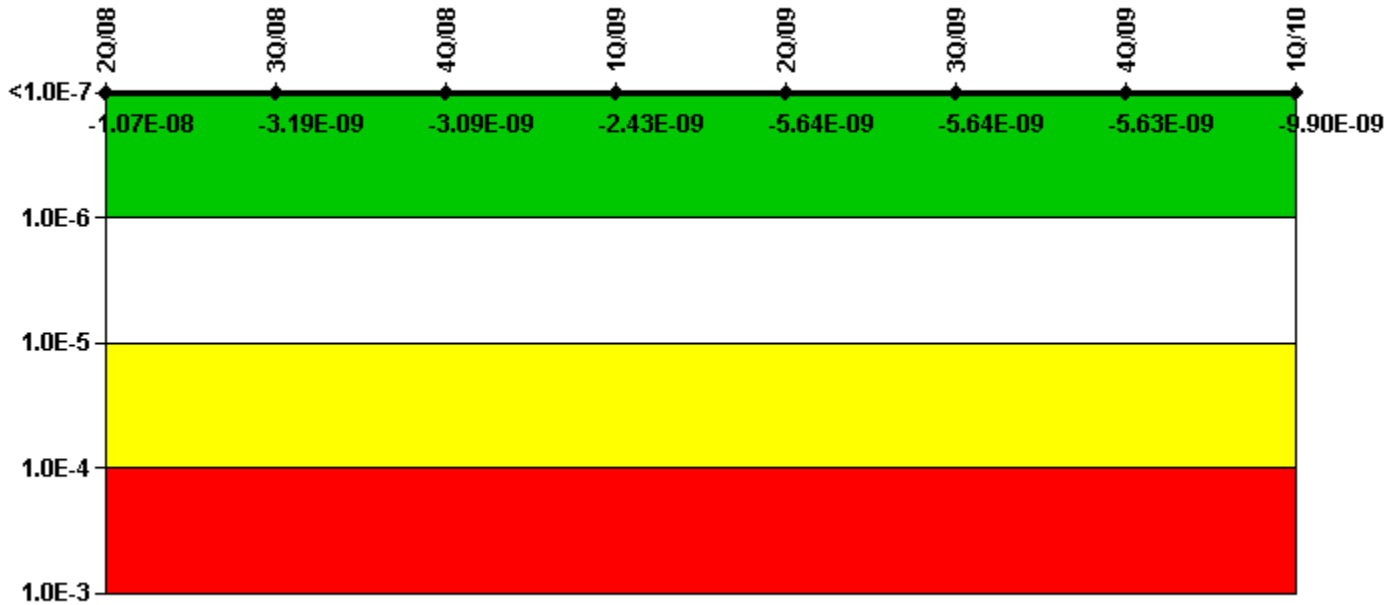
Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (Δ CDF)	-2.20E-08	-2.10E-09	-2.00E-09	-6.10E-09	-8.50E-09	6.80E-09	1.10E-09	1.97E-08
URI (Δ CDF)	-8.20E-07	-3.50E-07	5.80E-08	5.80E-08	5.60E-08	5.60E-08	5.60E-08	5.59E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-8.42E-07	-3.52E-07	5.60E-08	5.19E-08	4.75E-08	6.28E-08	5.71E-08	7.60E-08

Licensee Comments:

1Q/10: Unplanned unavailable hours were for a failure of control air pressure regulator during maintenance which immediately annunciated in the MCR with no demand occurring. There was no time in an unknown failed state. No failure being reported per NEI 99-02 F 2.2.2

Mitigating Systems Performance Index, High Pressure Injection System



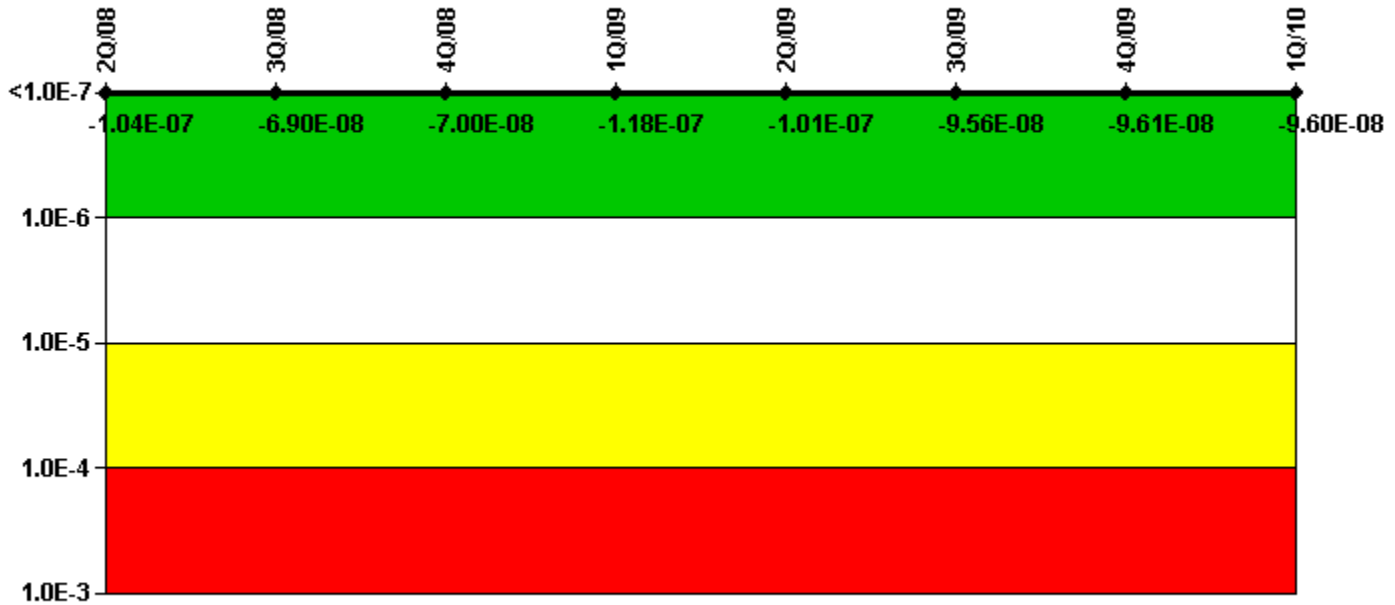
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	3.10E-10	-8.70E-11	-8.70E-11	3.70E-10	9.60E-10	9.60E-10	9.70E-10	6.72E-10
URI (Δ CDF)	-1.10E-08	-3.10E-09	-3.00E-09	-2.80E-09	-6.60E-09	-6.60E-09	-6.60E-09	-1.06E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.07E-08	-3.19E-09	-3.09E-09	-2.43E-09	-5.64E-09	-5.64E-09	-5.63E-09	-9.90E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



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

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (Δ CDF)	-2.50E-08	-1.80E-08	-1.80E-08	-1.80E-08	-7.40E-09	-2.60E-09	-4.10E-09	-3.84E-09
URI (Δ CDF)	-7.90E-08	-5.10E-08	-5.20E-08	-1.00E-07	-9.40E-08	-9.30E-08	-9.20E-08	-9.19E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.04E-07	-6.90E-08	-7.00E-08	-1.18E-07	-1.01E-07	-9.56E-08	-9.61E-08	-9.60E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



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

Notes

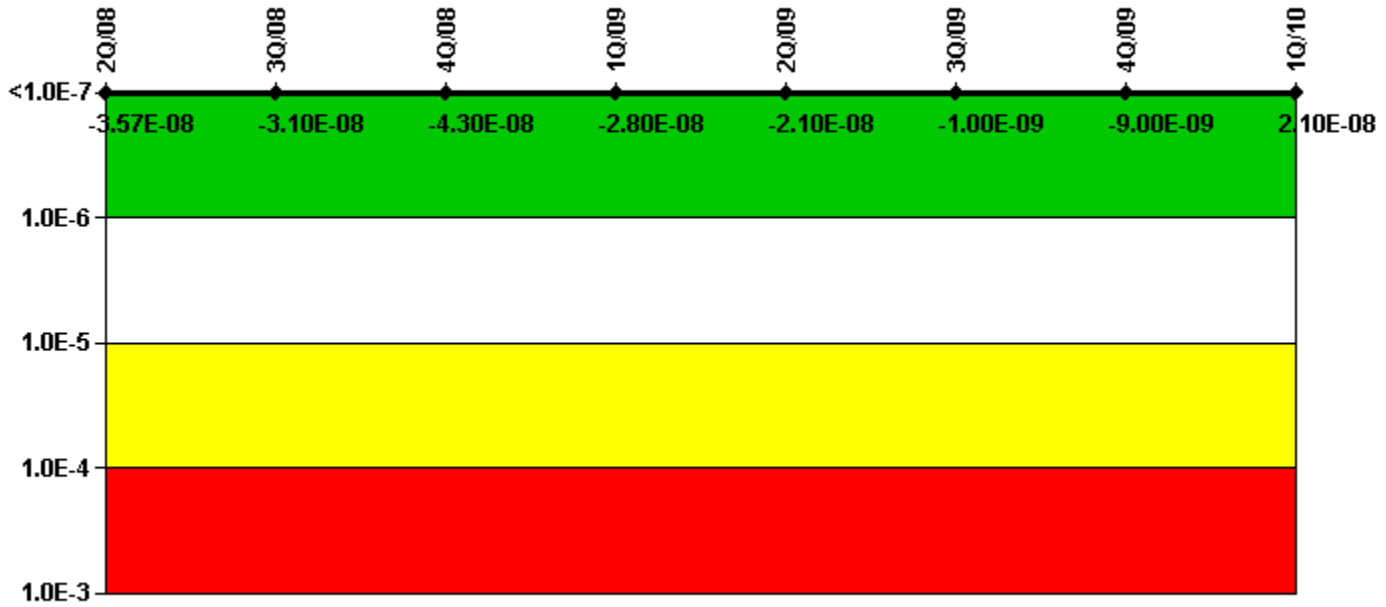
Mitigating Systems Performance Index, Residual Heat Removal System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (Δ CDF)	1.20E-08	-1.50E-09	-1.50E-09	-3.90E-09	-4.32E-09	-9.78E-10	1.02E-09	-1.76E-09
URI (Δ CDF)	-9.60E-08	-5.00E-08	-4.90E-08	-4.80E-08	1.17E-07	1.19E-07	1.21E-07	1.23E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-8.40E-08	-5.15E-08	-5.05E-08	-5.19E-08	1.10E-07	1.20E-07	1.20E-07	1.20E-07

Licensee Comments:

1Q/10: The following additional details are provided for the B train RHR pump component failure. LER 2009-002-00 , Potential for Residual Heat Removal Trains to be Inoperable during Mode Change was issued on 12/15/2009. This LER addresses the susceptibility of the RHR pump suction piping to the formation of steam voids during realignment to the ECCS mode following shutdown cooling. The results of a rigorous engineering analysis have been used determine the response of the RHR system to postulated LOCA sequences and any conditions resulting in the failure of a monitored component. On May 8, 2009 the B train RHR was secured from shutdown cooling and placed in the ECCS mode, but in this condition the B RHR pump was susceptible to steam binding which could have resulted in damage to the pump if the train was aligned for ECCS to mitigate a LOCA. See NCR 345425-30 for additional details.

2Q/09: Updated PRA parameters to reflect MSPI Basis Document update to PRA 2007a Model of Record.

Mitigating Systems Performance Index, Cooling Water Systems



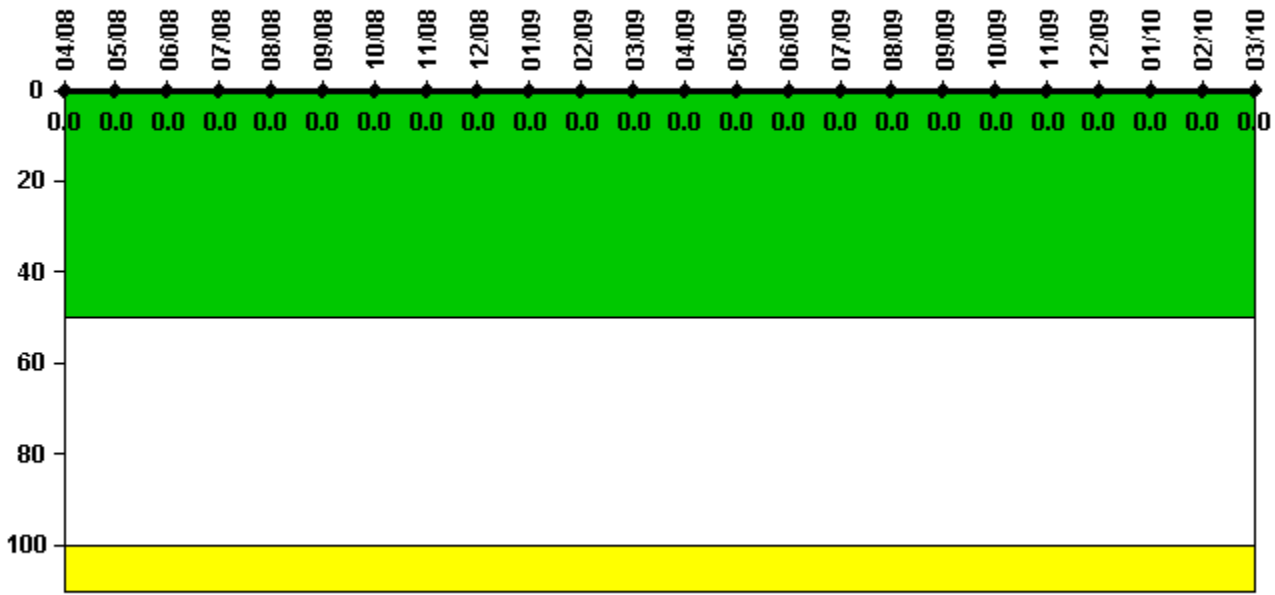
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	3.40E-10	3.30E-08	2.70E-08	4.80E-08	3.20E-08	5.60E-08	5.20E-08	8.62E-08
URI (Δ CDF)	-3.60E-08	-6.40E-08	-7.00E-08	-7.60E-08	-5.30E-08	-5.70E-08	-6.10E-08	-6.54E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.57E-08	-3.10E-08	-4.30E-08	-2.80E-08	-2.10E-08	-1.00E-09	-9.00E-09	2.10E-08

Licensee Comments: none

Reactor Coolant System Activity



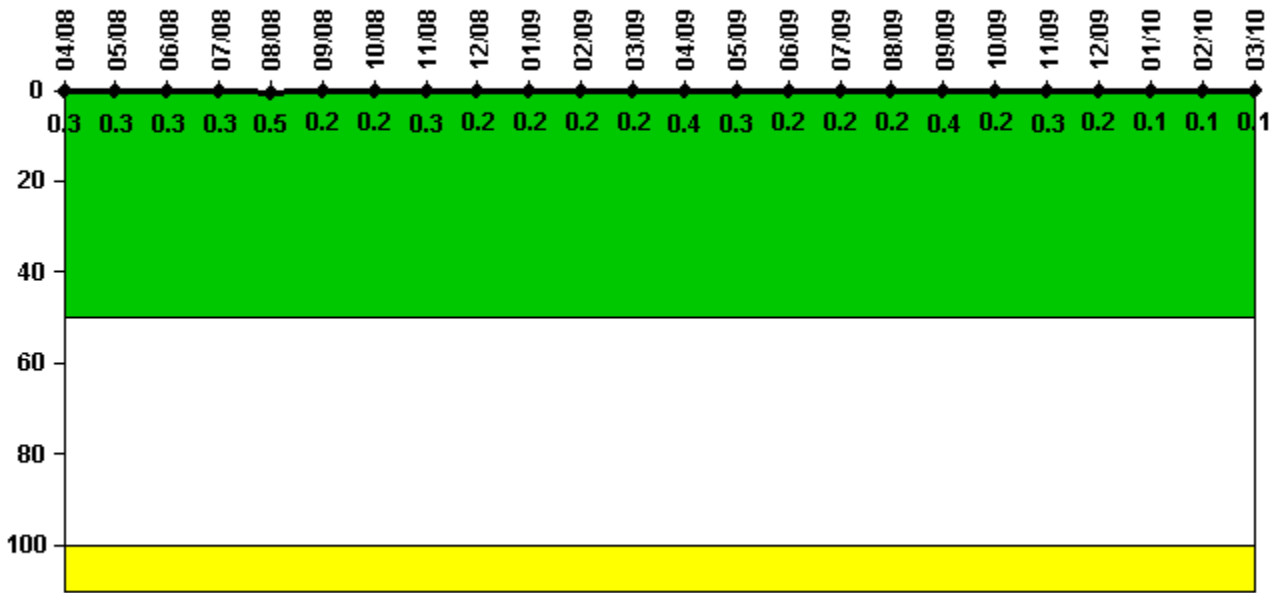
Thresholds: White > 50.0 Yellow > 100.0

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	0.000054	0.000056	0.000060	0.000061	0.000066	0.000068	0.000071	0.000073	0.000079	0.000083	0.000233	0.000095
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10
Maximum activity	0.000080	0.000045	0.000056	0.000070	0.000427	0.000089	0.000099	0.000102	0.000116	0.000127	0.000129	0.000134
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



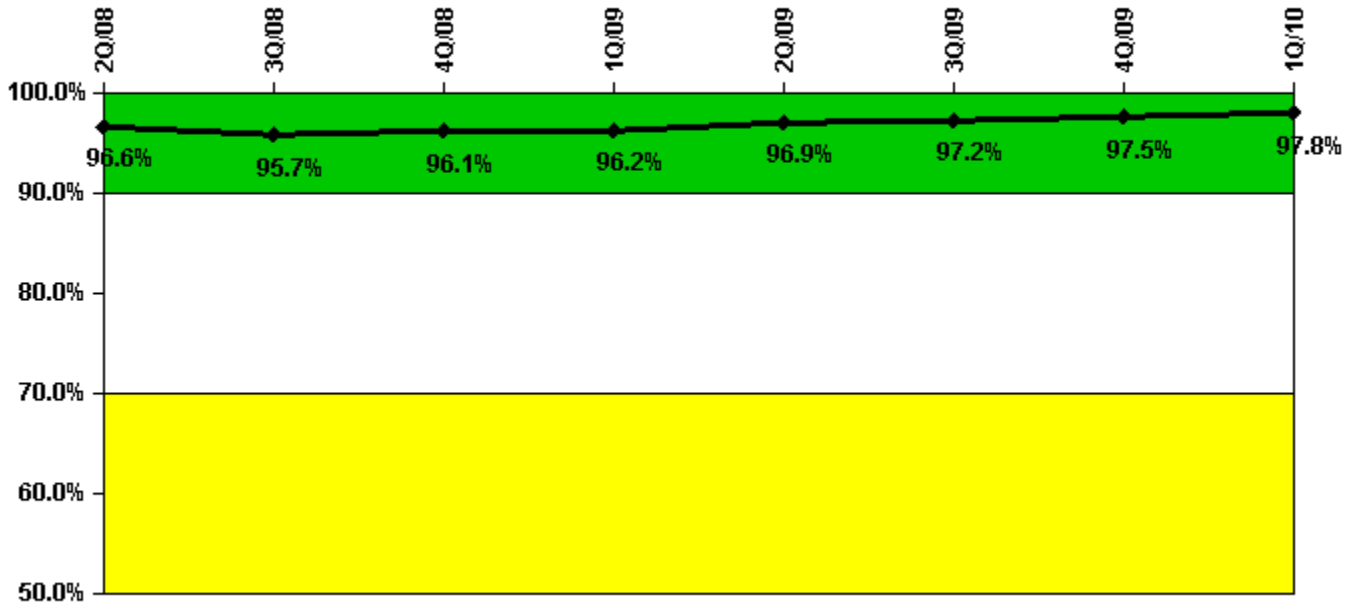
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/08	5/08	6/08	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09
Maximum leakage	0.030	0.030	0.030	0.030	0.050	0.020	0.020	0.030	0.020	0.020	0.020	0.016
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.3	0.3	0.3	0.5	0.2	0.2	0.3	0.2	0.2	0.2	0.2
Reactor Coolant System Leakage	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10
Maximum leakage	0.039	0.030	0.020	0.020	0.020	0.040	0.020	0.030	0.020	0.010	0.010	0.010
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.3	0.2	0.2	0.2	0.4	0.2	0.3	0.2	0.1	0.1	0.1

Licensee Comments: none

Drill/Exercise Performance



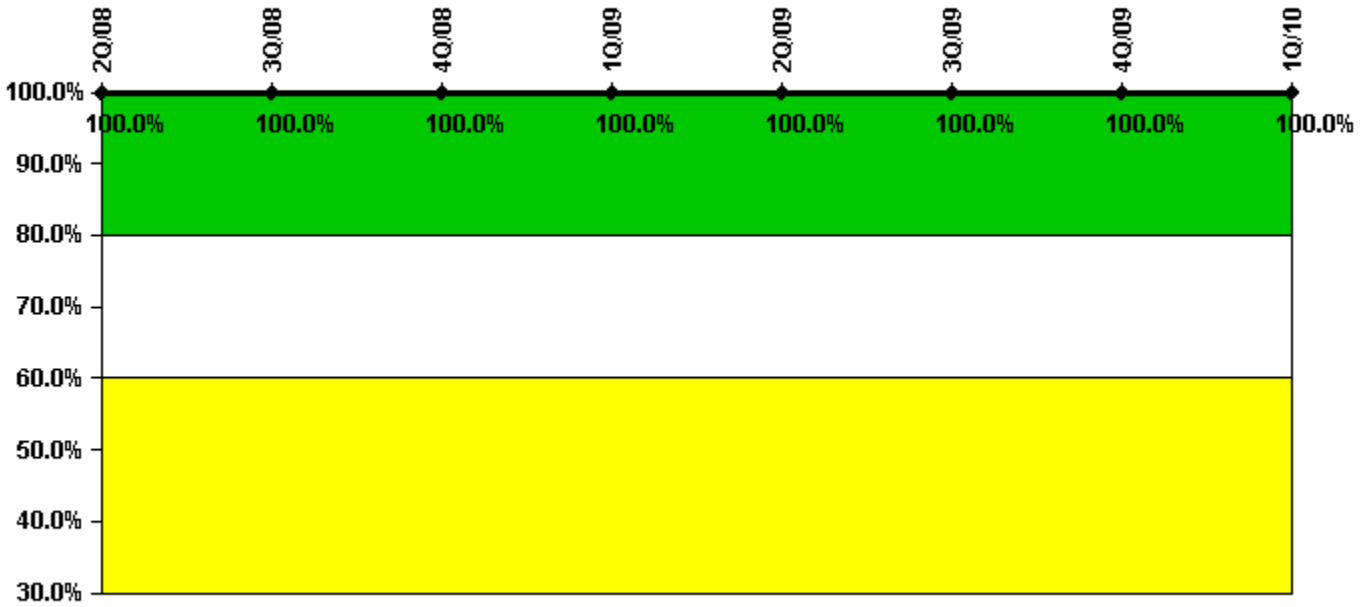
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Successful opportunities	31.0	17.0	29.0	54.0	20.0	29.0	46.0	36.0
Total opportunities	33.0	18.0	29.0	55.0	20.0	30.0	47.0	36.0
Indicator value	96.6%	95.7%	96.1%	96.2%	96.9%	97.2%	97.5%	97.8%

Licensee Comments: none

ERO Drill Participation



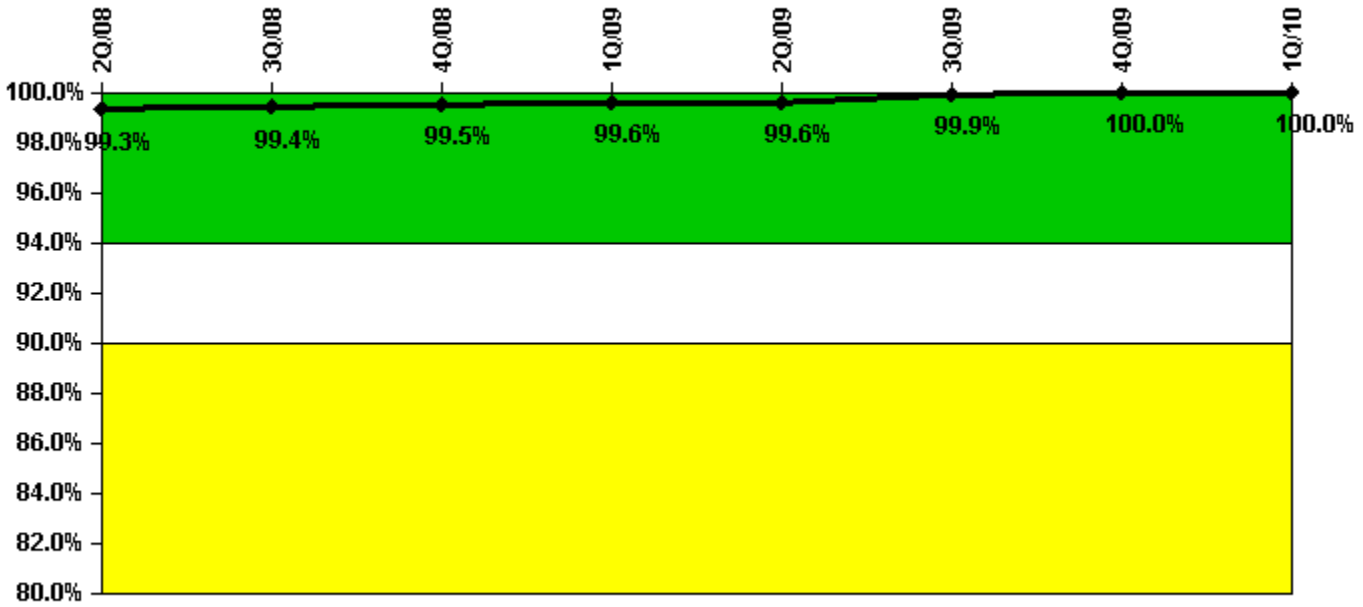
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Participating Key personnel	42.0	45.0	43.0	41.0	38.0	47.0	50.0	48.0
Total Key personnel	42.0	45.0	43.0	41.0	38.0	47.0	50.0	48.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



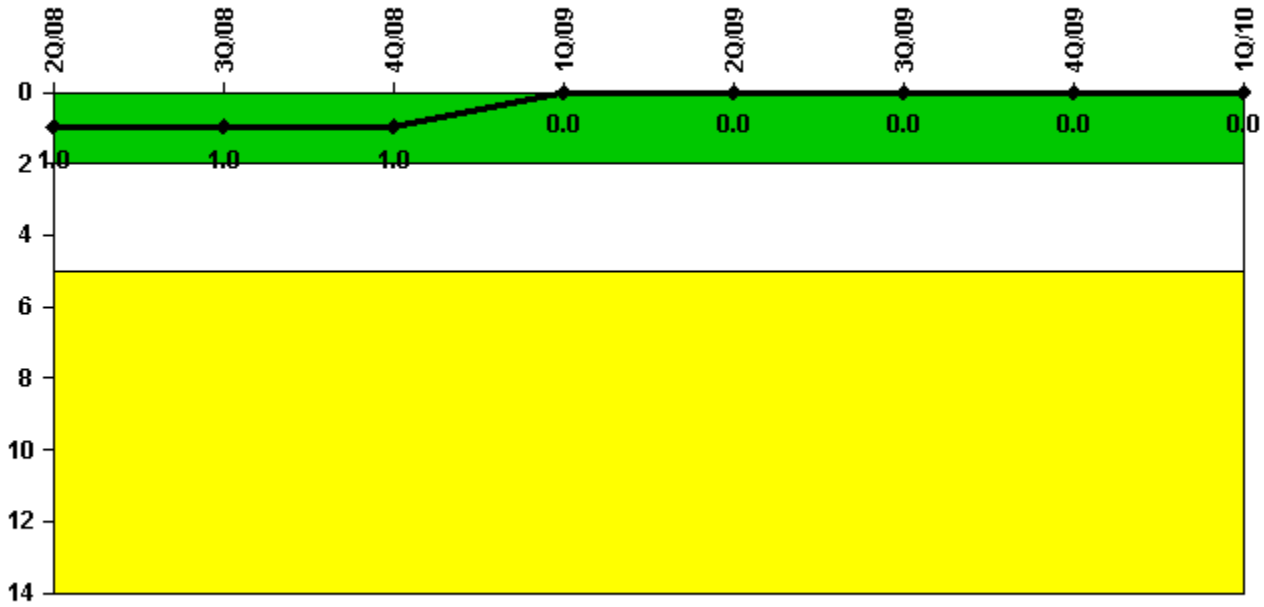
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Successful siren-tests	663	657	662	580	664	747	581	664
Total sirens-tests	664	664	664	581	664	747	581	664
Indicator value	99.3%	99.4%	99.5%	99.6%	99.6%	99.9%	100.0%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



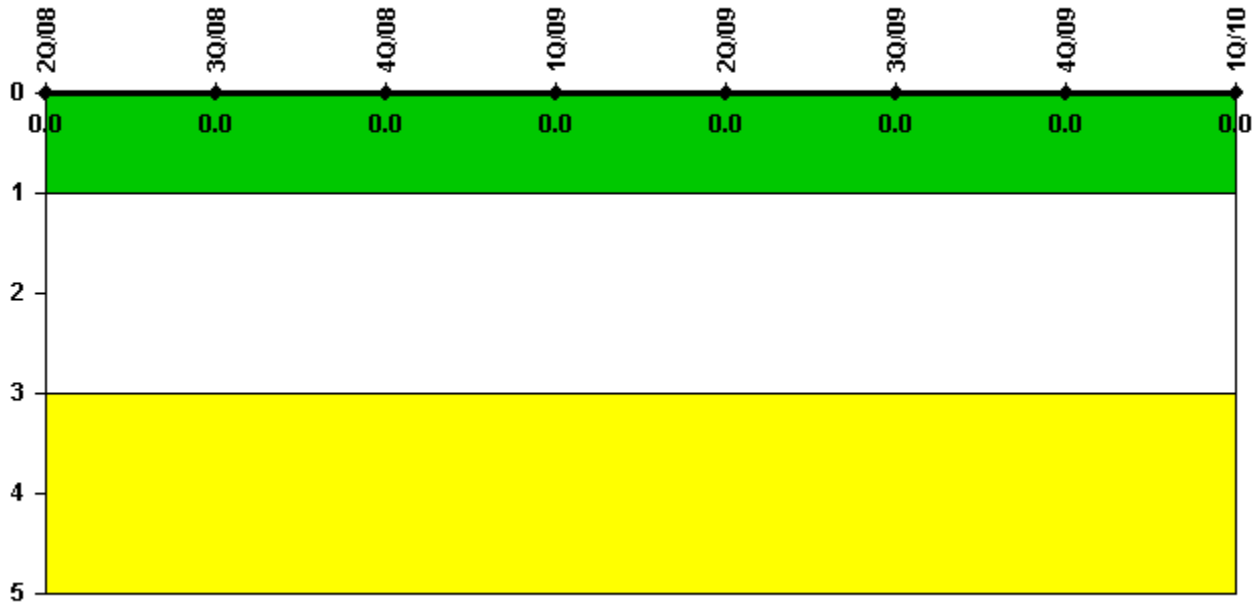
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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	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	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

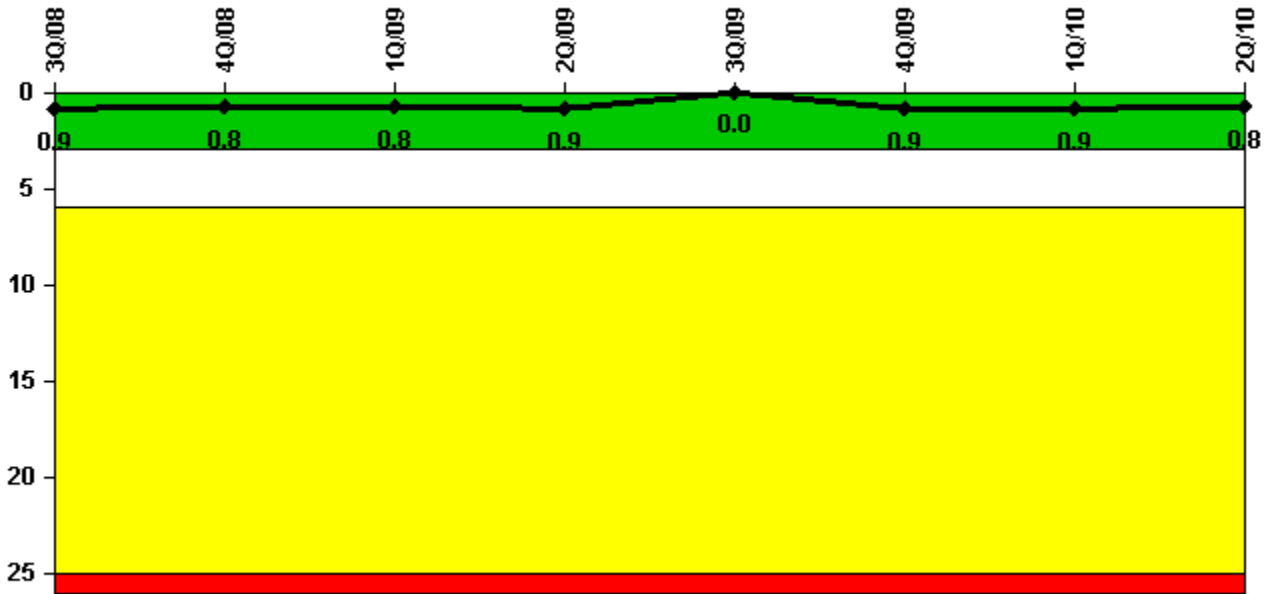
[Security](#) information not publicly available.

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2Q/2010 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



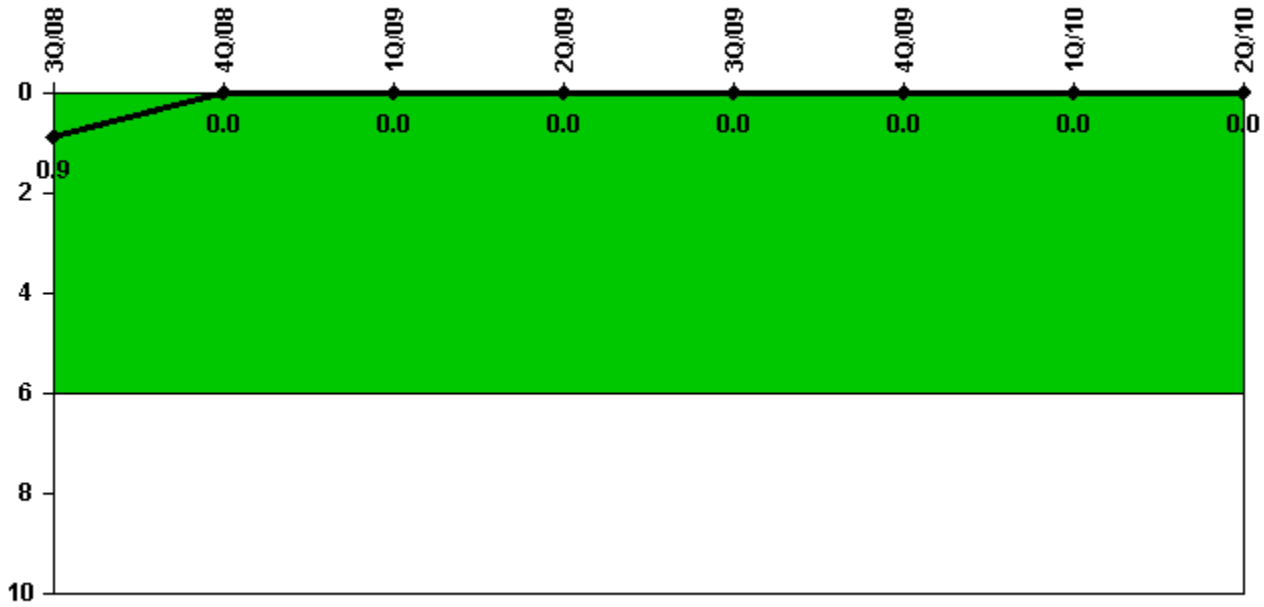
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0	0	1.0	0	0
Critical hours	1975.9	2209.0	2159.0	1651.4	2208.0	2102.5	2159.0	2184.0
Indicator value	0.9	0.8	0.8	0.9	0	0.9	0.9	0.8

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



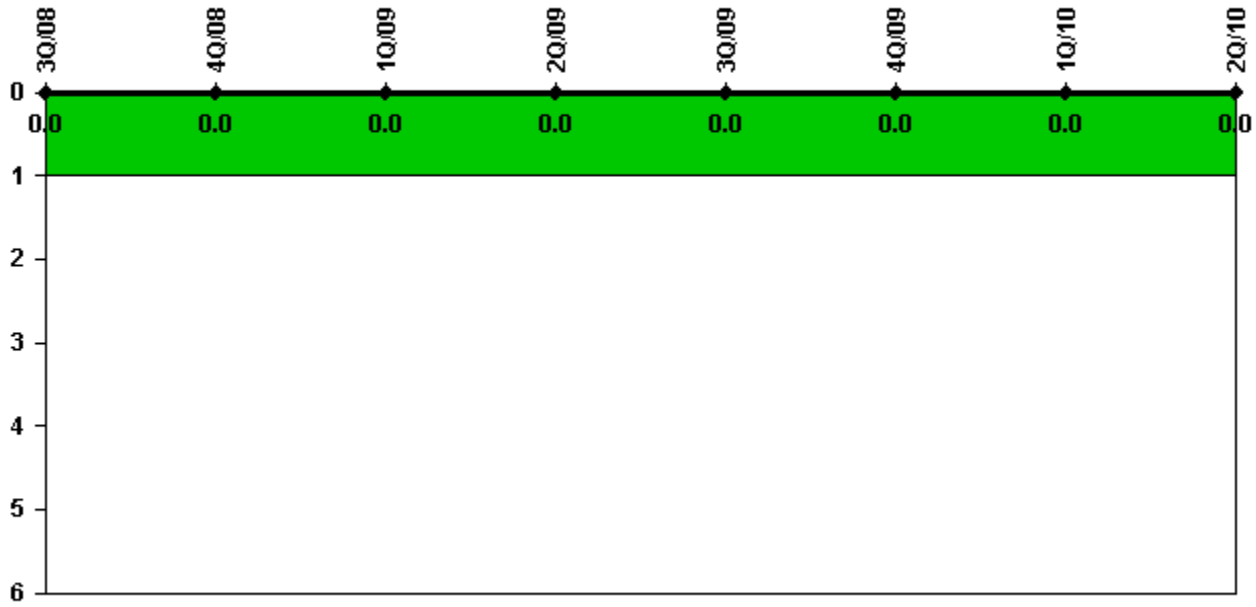
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	1975.9	2209.0	2159.0	1651.4	2208.0	2102.5	2159.0	2184.0
Indicator value	0.9	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



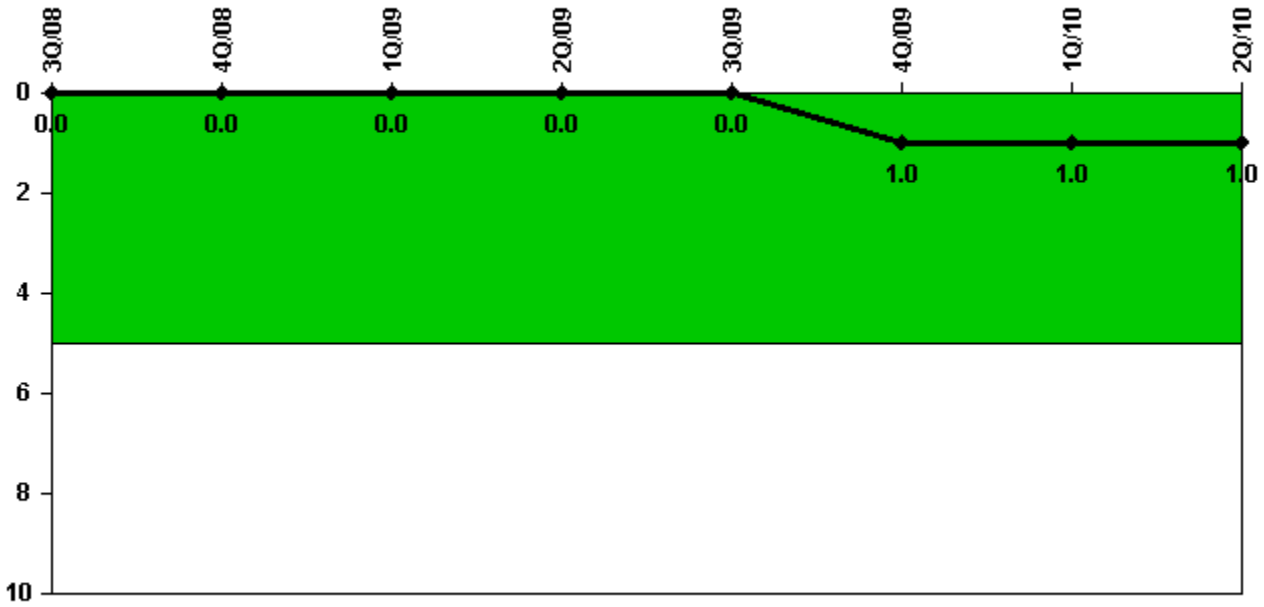
Thresholds: White > 1.0

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 (PWR)



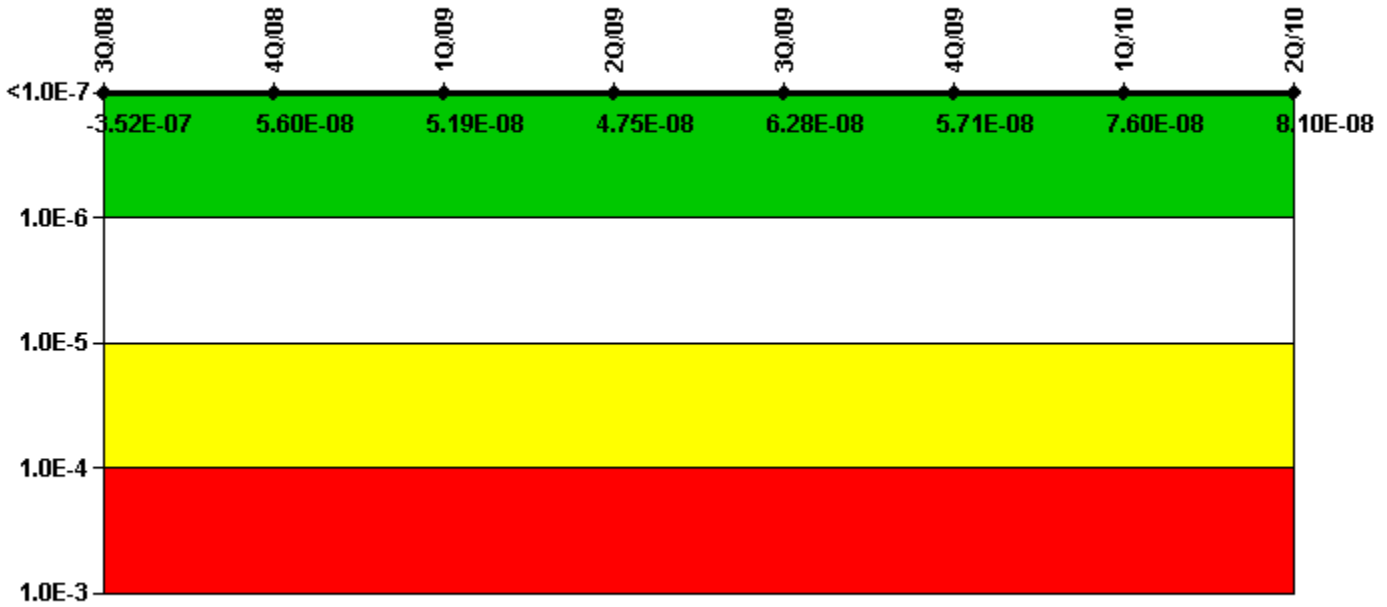
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Safety System Functional Failures	0	0	0	0	0	1	0	0
Indicator value	0	0	0	0	0	1	1	1

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



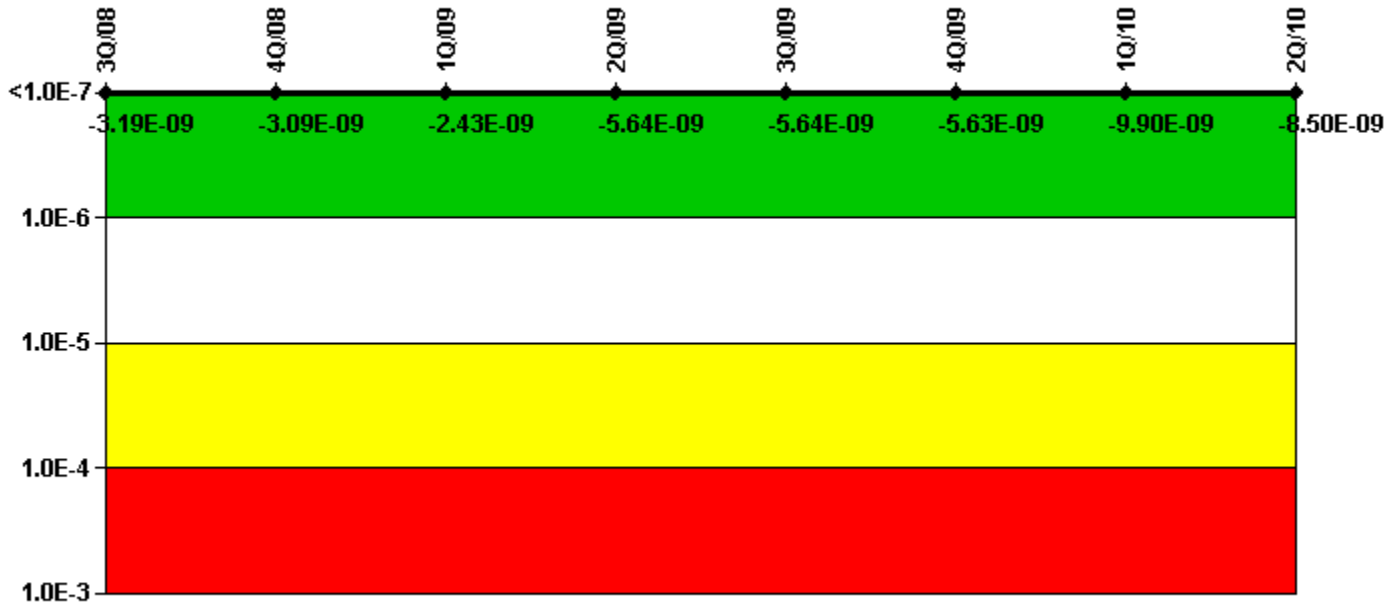
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (Δ CDF)	-2.10E-09	-2.00E-09	-6.10E-09	-8.50E-09	6.80E-09	1.10E-09	1.97E-08	2.48E-08
URI (Δ CDF)	-3.50E-07	5.80E-08	5.80E-08	5.60E-08	5.60E-08	5.60E-08	5.59E-08	5.59E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.52E-07	5.60E-08	5.19E-08	4.75E-08	6.28E-08	5.71E-08	7.60E-08	8.10E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



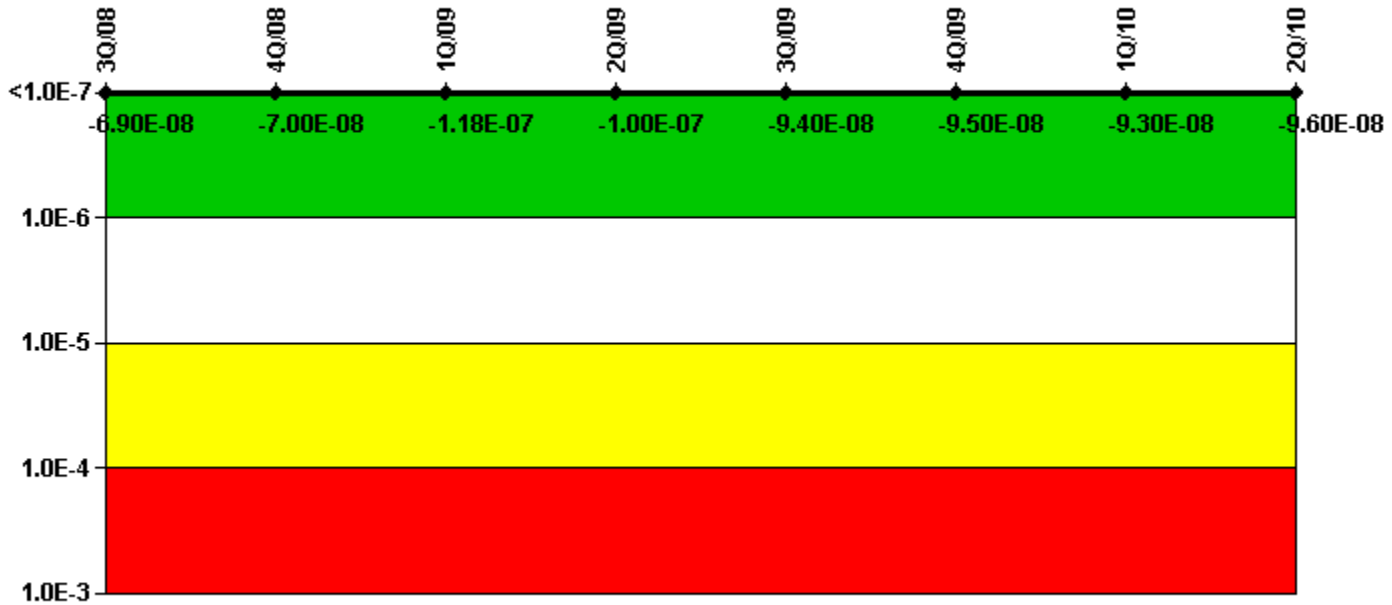
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (Δ CDF)	-8.70E-11	-8.70E-11	3.70E-10	9.60E-10	9.60E-10	9.70E-10	6.72E-10	2.12E-09
URI (Δ CDF)	-3.10E-09	-3.00E-09	-2.80E-09	-6.60E-09	-6.60E-09	-6.60E-09	-1.06E-08	-1.06E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.19E-09	-3.09E-09	-2.43E-09	-5.64E-09	-5.64E-09	-5.63E-09	-9.90E-09	-8.50E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



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

Notes

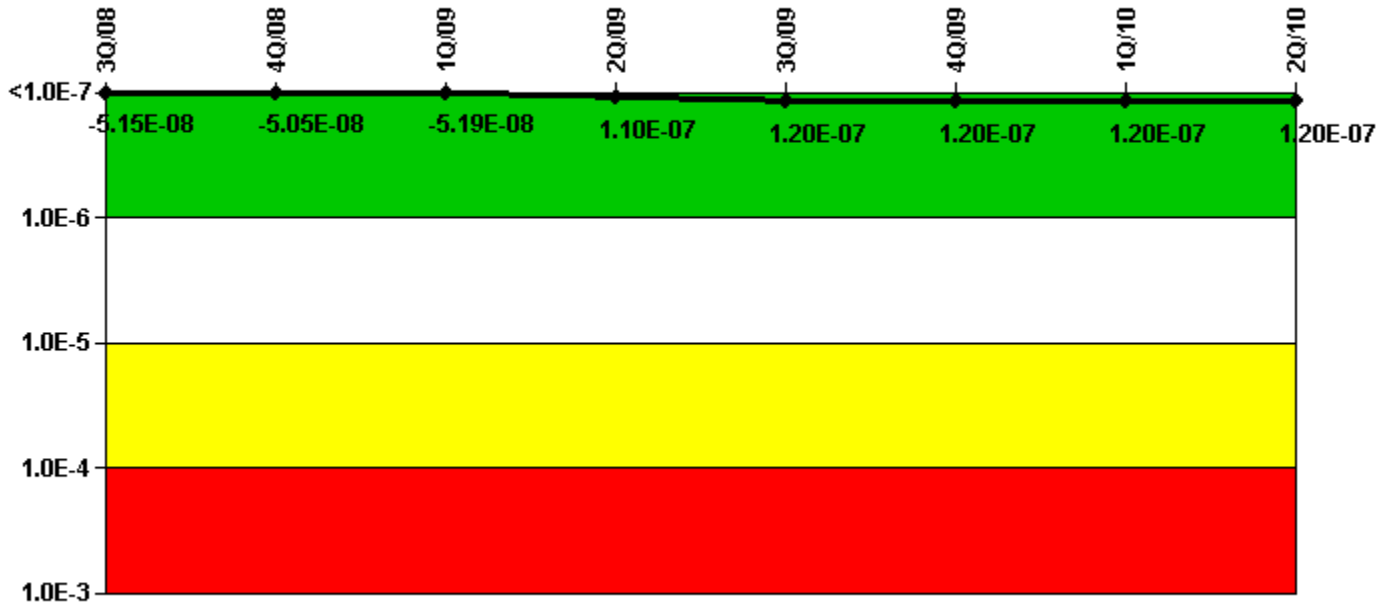
Mitigating Systems Performance Index, Heat Removal System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (ΔCDF)	-1.80E-08	-1.80E-08	-1.80E-08	-6.25E-09	-5.77E-10	-2.05E-09	-1.46E-09	-4.73E-09
URI (ΔCDF)	-5.10E-08	-5.20E-08	-1.00E-07	-9.42E-08	-9.31E-08	-9.25E-08	-9.19E-08	-9.13E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.90E-08	-7.00E-08	-1.18E-07	-1.00E-07	-9.40E-08	-9.50E-08	-9.30E-08	-9.60E-08

Licensee Comments:

2Q/10: Unavailability hours should have been reported against both of the Steam Supply Segments when the steam admission valves were unavailable and under clearance to support TDAFW maintenance. Corrected unavailability hours for the previous 36 month period need to be reported against both 1MS-70 and 1MS-72 as follows: 1/20/2010 07:04 to 16:52: accumulated 9.8 hours planned unavailability 8/26/2009 07:02 to 8/27/2009 09:49: accumulated 26.8 hours planned unavailability 4/15/2009 07:11 to 4/17/2009 03:22: accumulated 44.2 hours planned unavailability 9/24/2008 07:34 to 17:18: accumulated 9.7 hours planned unavailability 3/19/2008 06:58 to 16:13: accumulated 9.3 hours planned unavailability 4/18/2007 19:45 to 22:24: accumulated 2.7 hours unplanned unavailability 4/18/2007 07:15 to 17:04: accumulated 9.8 hours planned unavailability No Color Change as a result of this corrected data.

2Q/09: Updated PRA parameters to reflect MSPI Basis Document update to PRA 2007a Model of Record.

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)	-1.50E-09	-1.50E-09	-3.90E-09	-4.32E-09	-9.78E-10	1.02E-09	-1.76E-09	-1.68E-09
URI (Δ CDF)	-5.00E-08	-4.90E-08	-4.80E-08	1.17E-07	1.19E-07	1.21E-07	1.23E-07	1.25E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.15E-08	-5.05E-08	-5.19E-08	1.10E-07	1.20E-07	1.20E-07	1.20E-07	1.20E-07

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



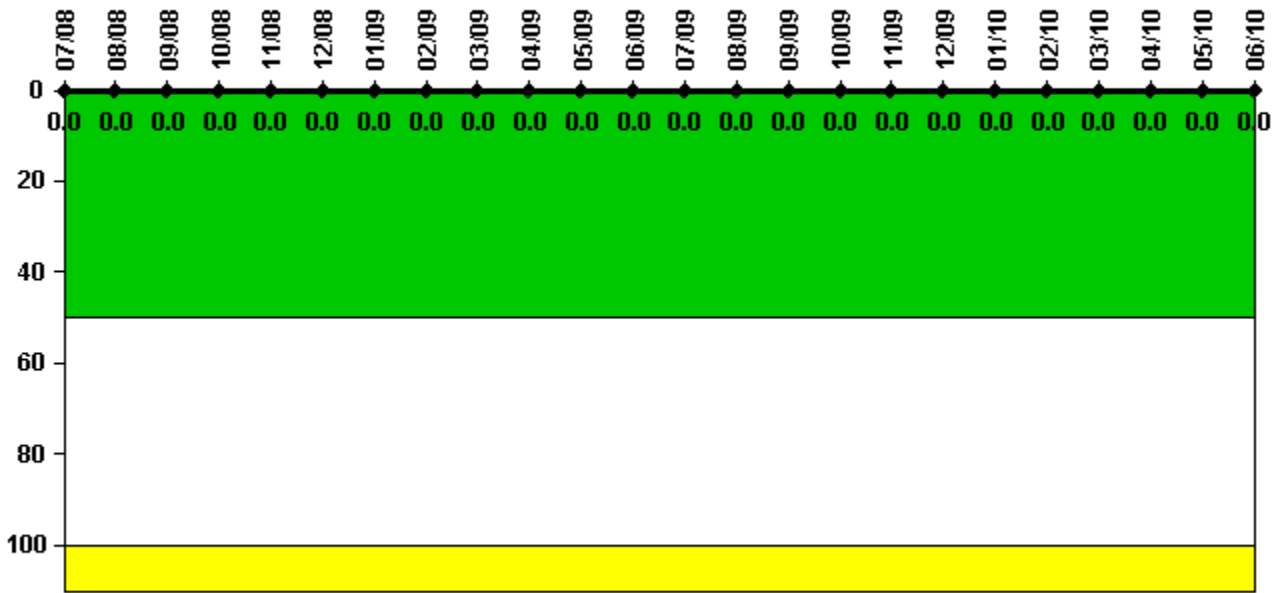
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (Δ CDF)	3.30E-08	2.70E-08	4.80E-08	3.20E-08	5.60E-08	5.20E-08	8.62E-08	9.63E-08
URI (Δ CDF)	-6.40E-08	-7.00E-08	-7.60E-08	-5.30E-08	-5.70E-08	-6.10E-08	-6.54E-08	-6.93E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.10E-08	-4.30E-08	-2.80E-08	-2.10E-08	-1.00E-09	-9.00E-09	2.10E-08	2.70E-08

Licensee Comments: none

Reactor Coolant System Activity



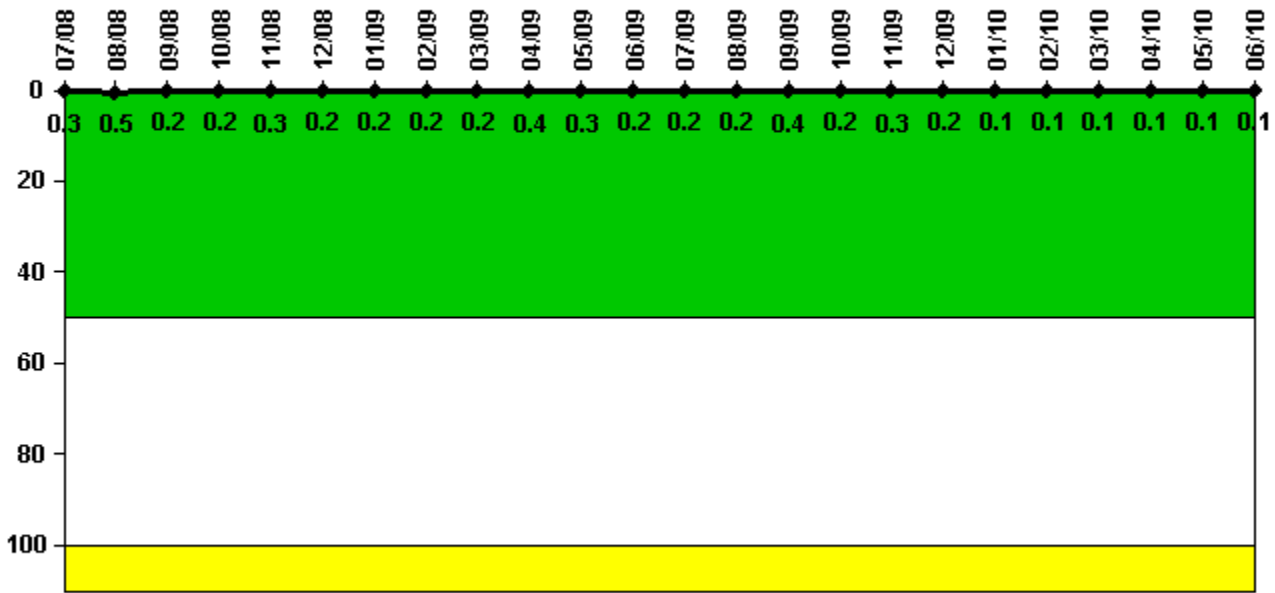
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09	4/09	5/09	6/09
Maximum activity	0.000061	0.000066	0.000068	0.000071	0.000073	0.000079	0.000083	0.000233	0.000095	0.000080	0.000045	0.000056
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10	4/10	5/10	6/10
Maximum activity	0.000070	0.000427	0.000089	0.000099	0.000102	0.000116	0.000127	0.000129	0.000134	0.000141	0.000150	0.000155
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

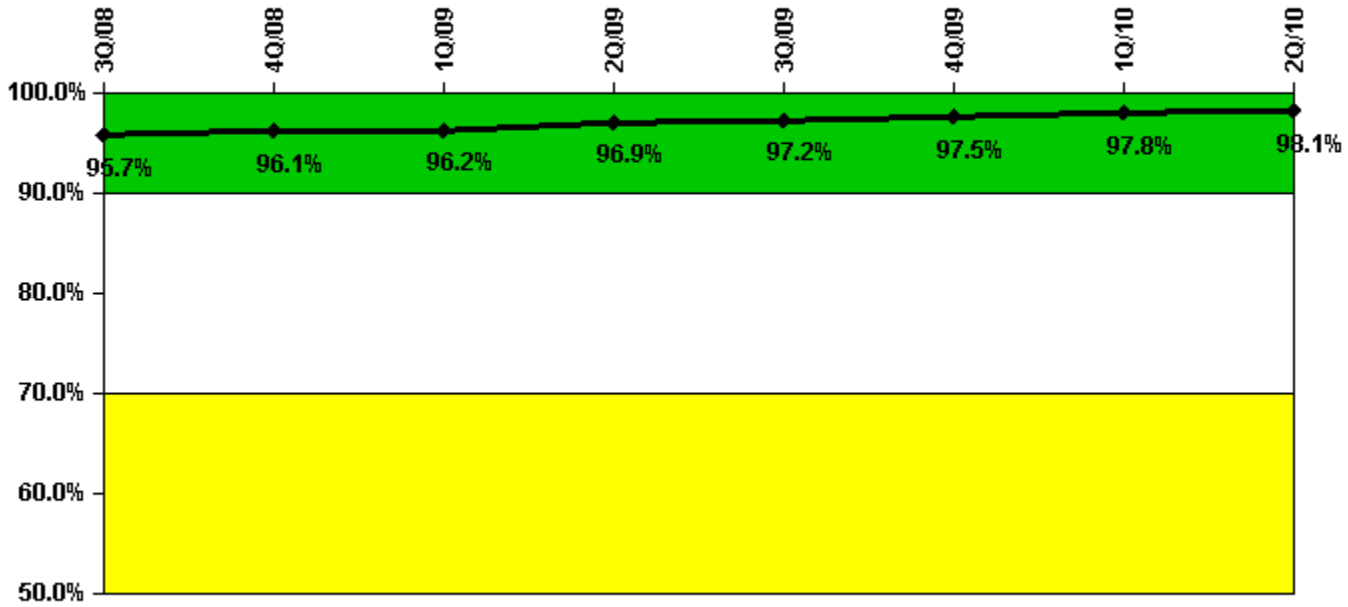
Notes

Reactor Coolant System Leakage	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09	4/09	5/09	6/09
Maximum leakage	0.030	0.050	0.020	0.020	0.030	0.020	0.020	0.020	0.016	0.039	0.030	0.020
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.5	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.4	0.3	0.2

Reactor Coolant System Leakage	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10	4/10	5/10	6/10
Maximum leakage	0.020	0.020	0.040	0.020	0.030	0.020	0.010	0.010	0.010	0.010	0.010	0.013
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.2	0.4	0.2	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

Drill/Exercise Performance



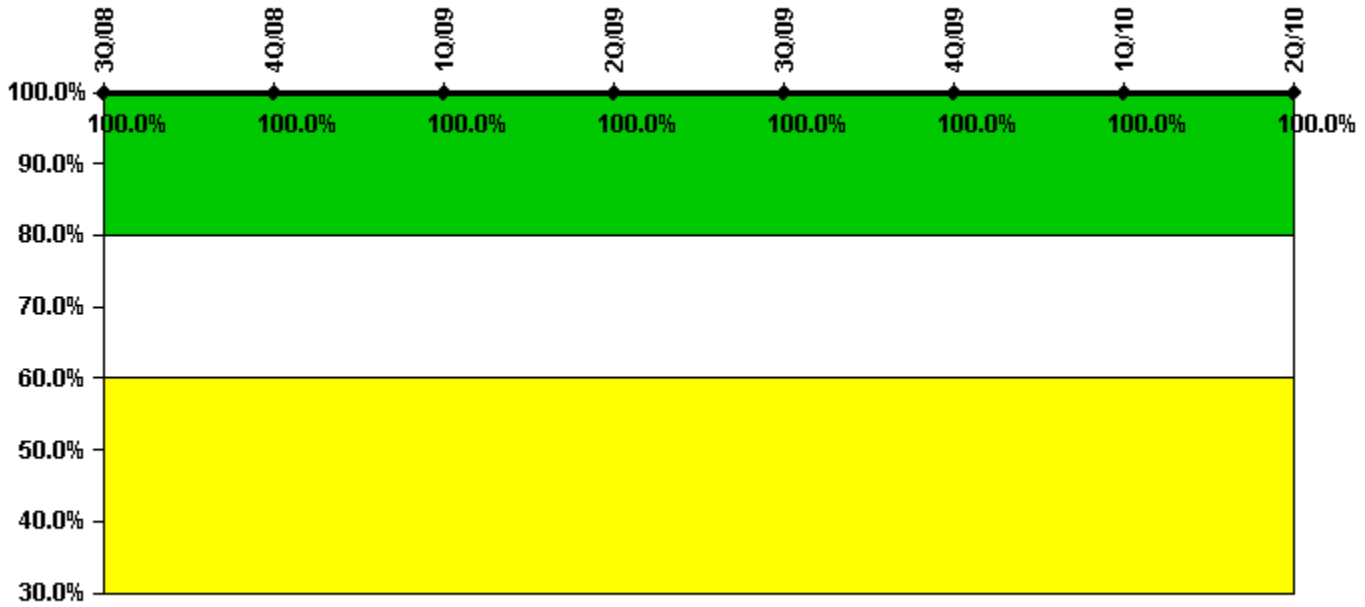
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Successful opportunities	17.0	29.0	54.0	20.0	29.0	46.0	36.0	33.0
Total opportunities	18.0	29.0	55.0	20.0	30.0	47.0	36.0	34.0
Indicator value	95.7%	96.1%	96.2%	96.9%	97.2%	97.5%	97.8%	98.1%

Licensee Comments: none

ERO Drill Participation



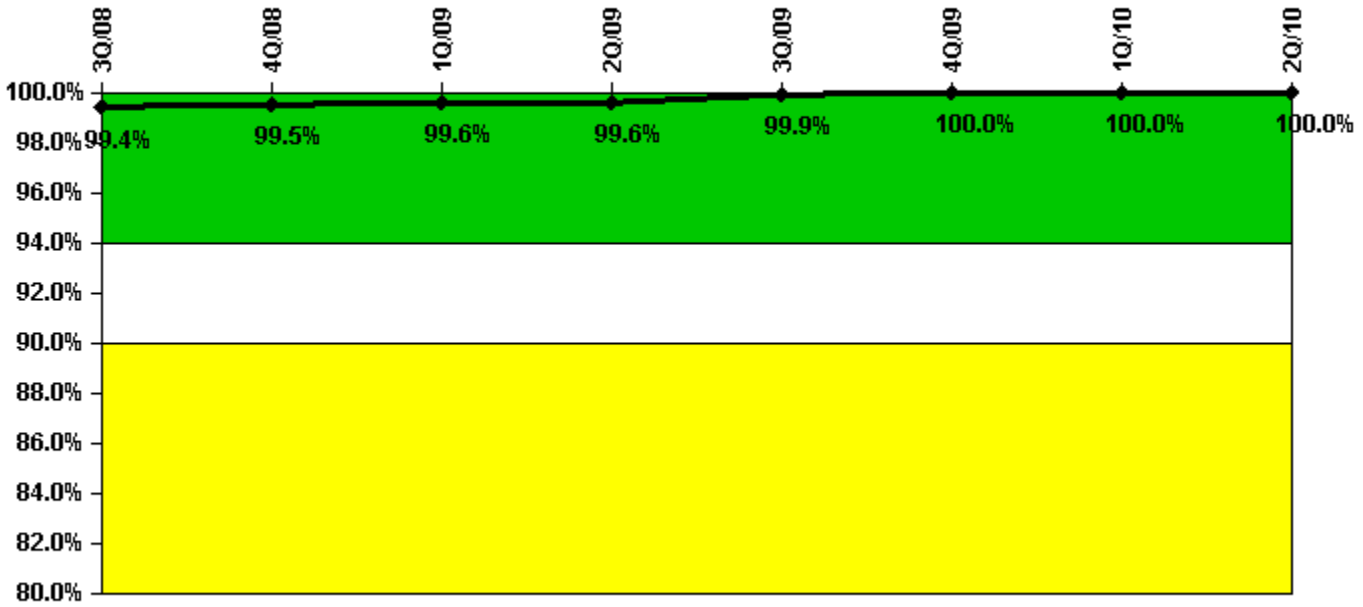
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Participating Key personnel	45.0	43.0	41.0	38.0	47.0	50.0	48.0	52.0
Total Key personnel	45.0	43.0	41.0	38.0	47.0	50.0	48.0	52.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



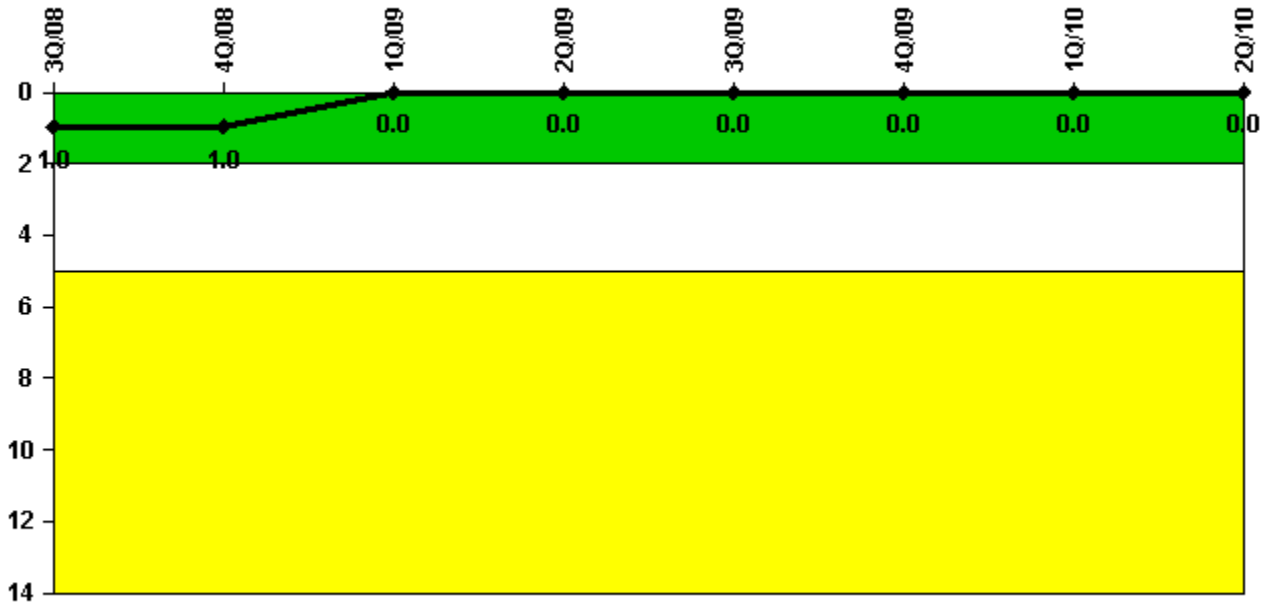
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Successful siren-tests	657	662	580	664	747	581	664	581
Total sirens-tests	664	664	581	664	747	581	664	581
Indicator value	99.4%	99.5%	99.6%	99.6%	99.9%	100.0%	100.0%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



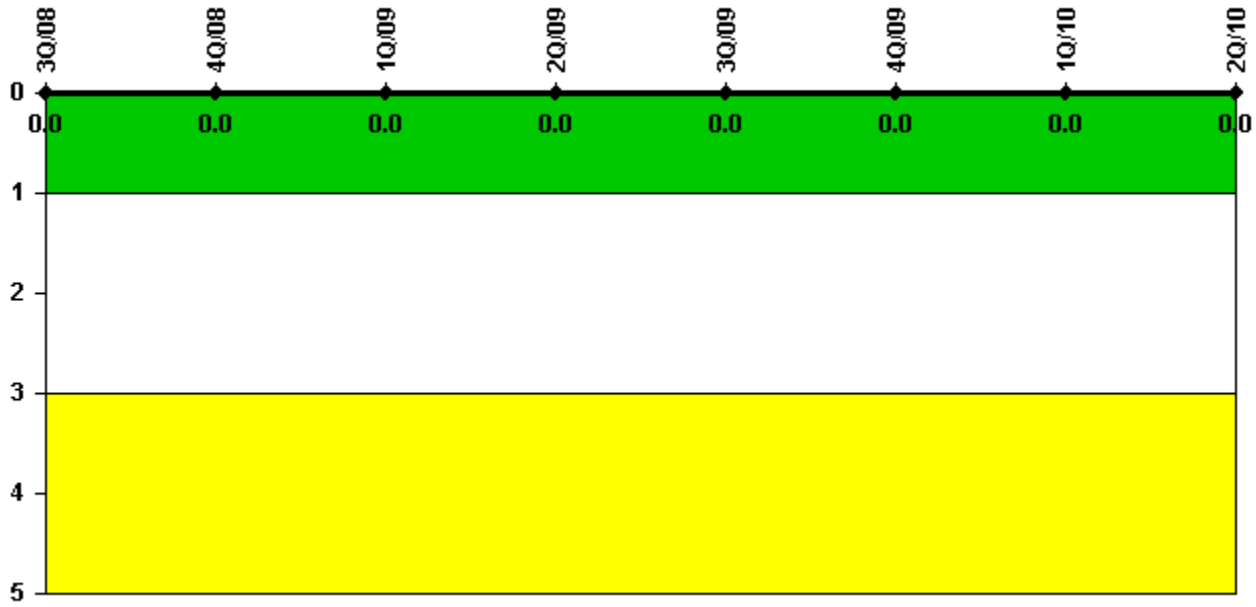
Thresholds: White > 2.0 Yellow > 5.0

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	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	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

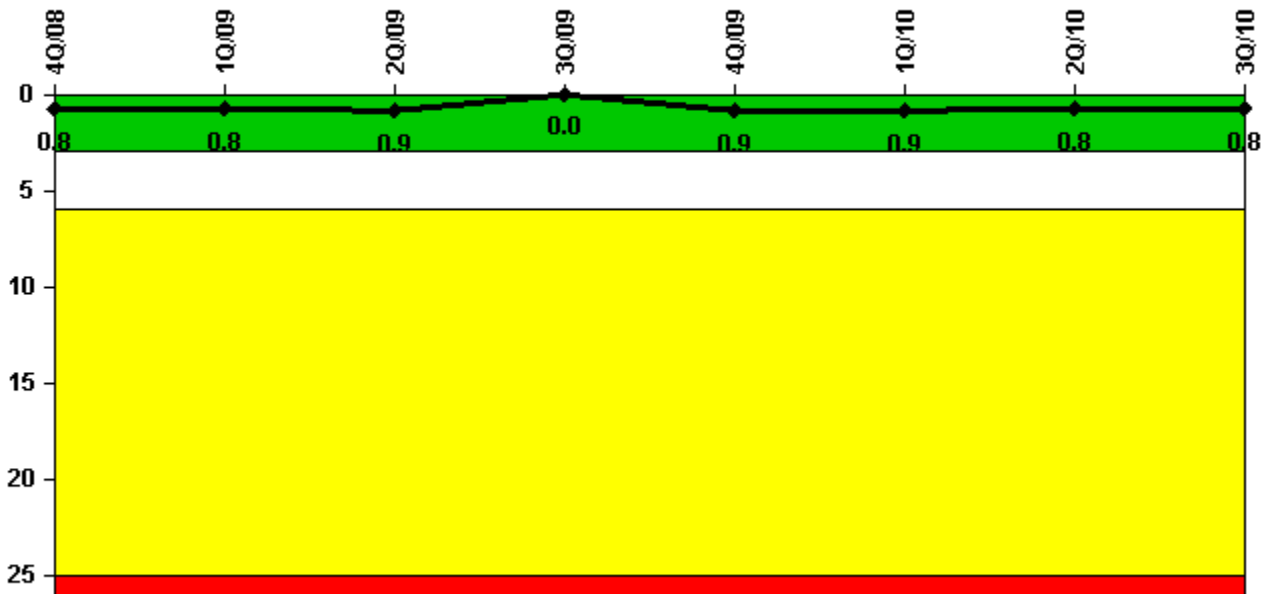
[Security](#) information not publicly available.

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3Q/2010 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



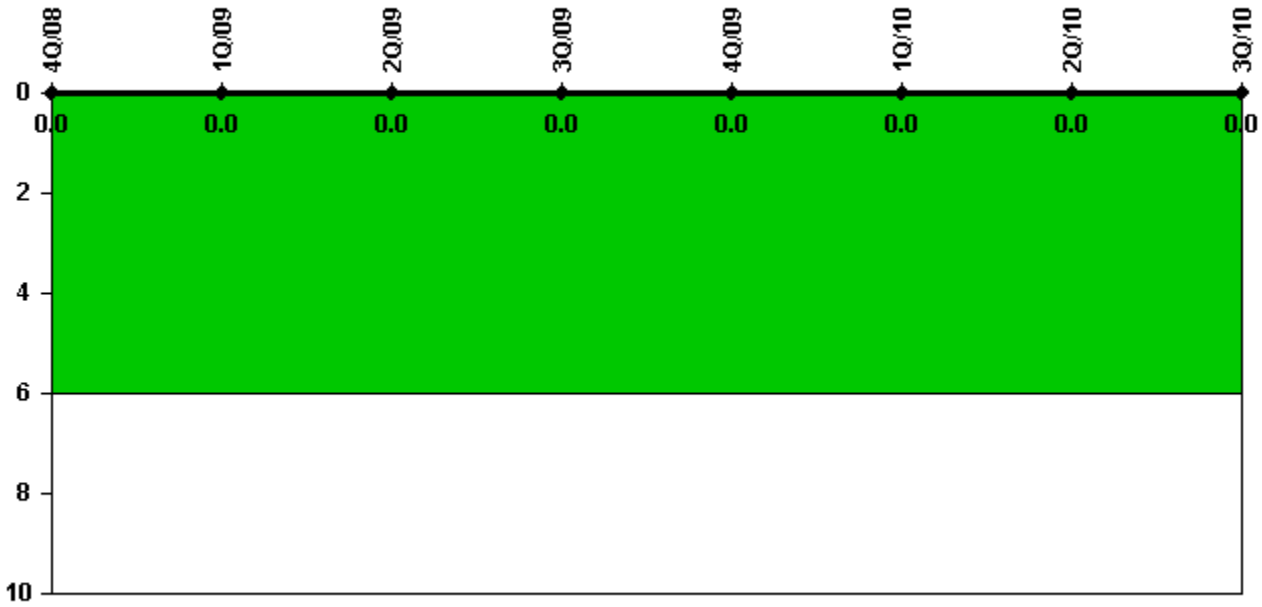
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0
Critical hours	2209.0	2159.0	1651.4	2208.0	2102.5	2159.0	2184.0	2208.0
Indicator value	0.8	0.8	0.9	0	0.9	0.9	0.8	0.8

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



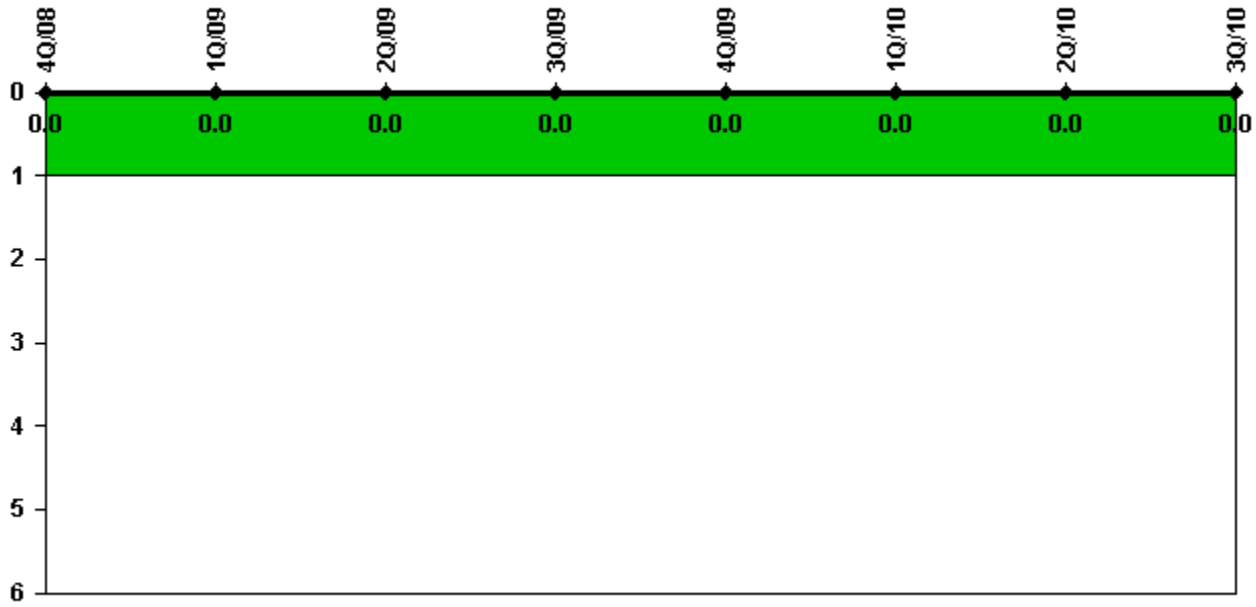
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/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	1651.4	2208.0	2102.5	2159.0	2184.0	2208.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



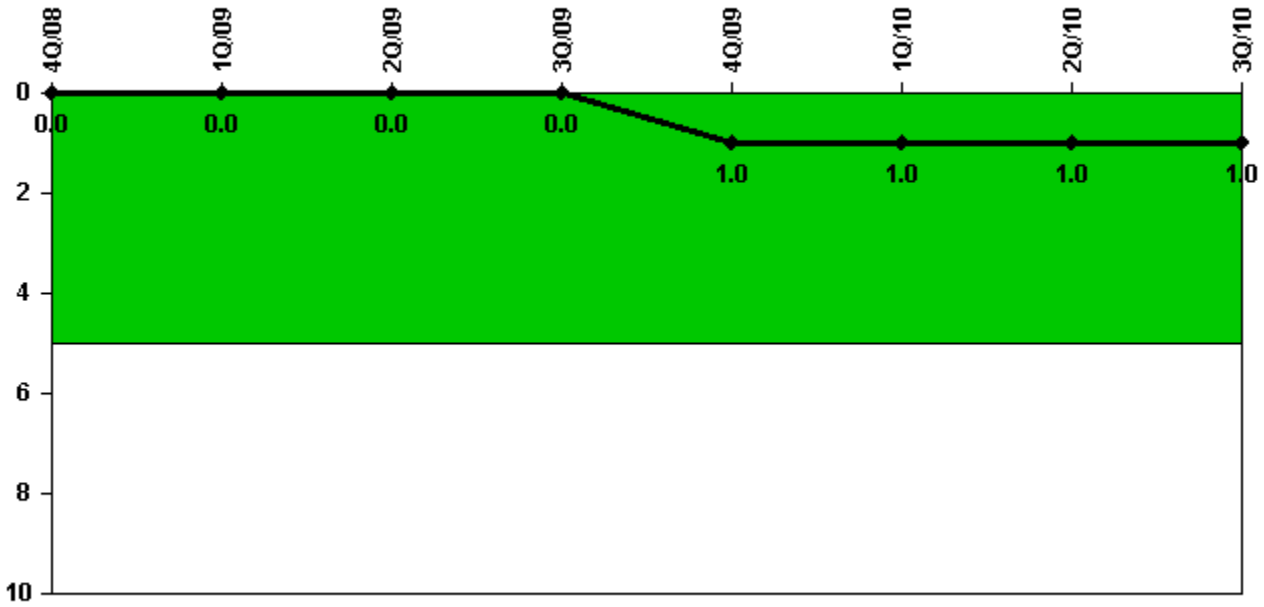
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



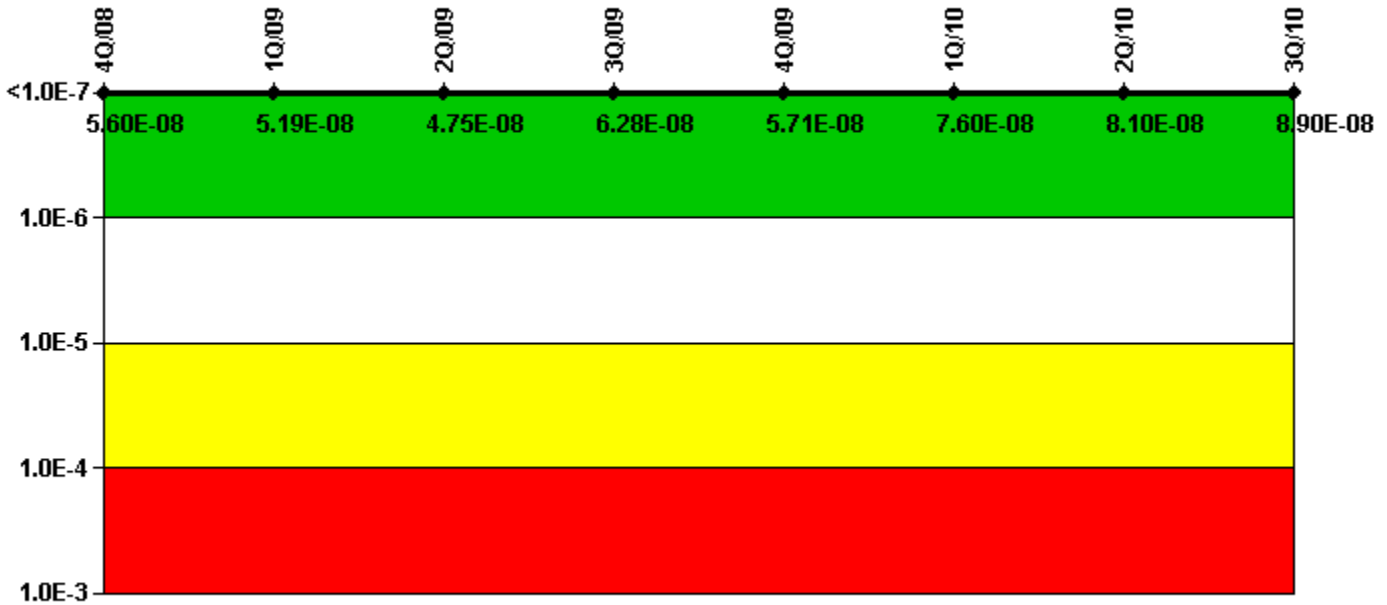
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Safety System Functional Failures	0	0	0	0	1	0	0	0
Indicator value	0	0	0	0	1	1	1	1

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



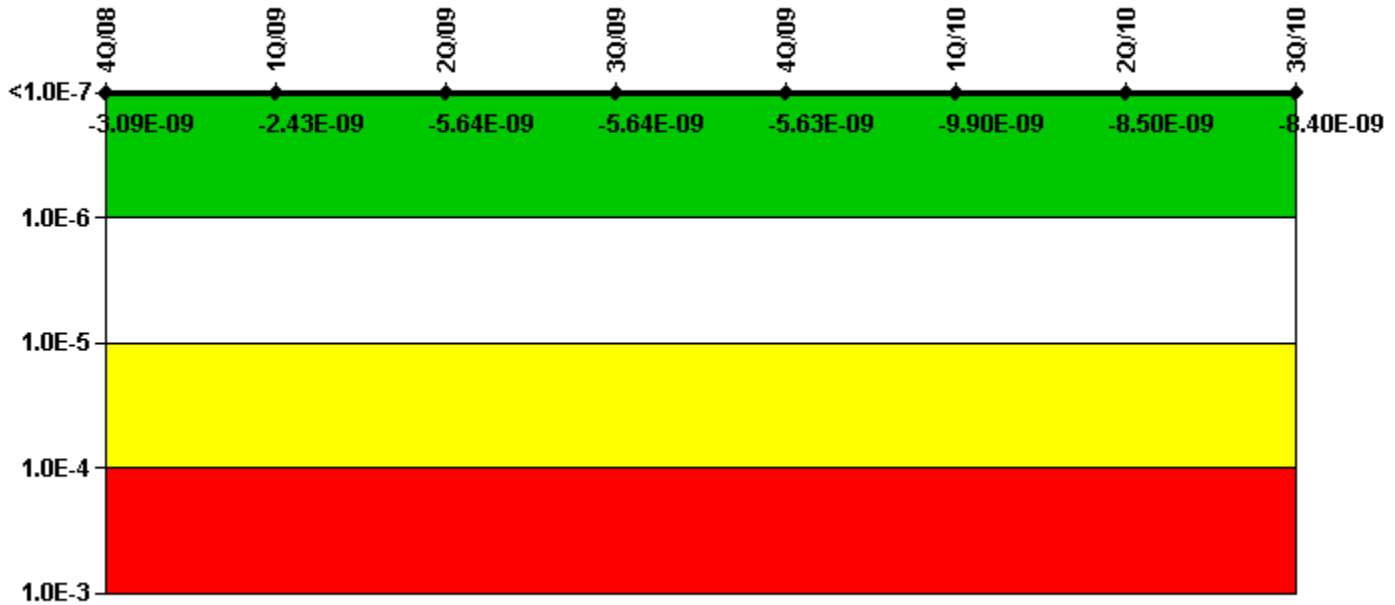
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (Δ CDF)	-2.00E-09	-6.10E-09	-8.50E-09	6.80E-09	1.10E-09	1.97E-08	2.48E-08	1.67E-08
URI (Δ CDF)	5.80E-08	5.80E-08	5.60E-08	5.60E-08	5.60E-08	5.59E-08	5.59E-08	7.19E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	5.60E-08	5.19E-08	4.75E-08	6.28E-08	5.71E-08	7.60E-08	8.10E-08	8.90E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



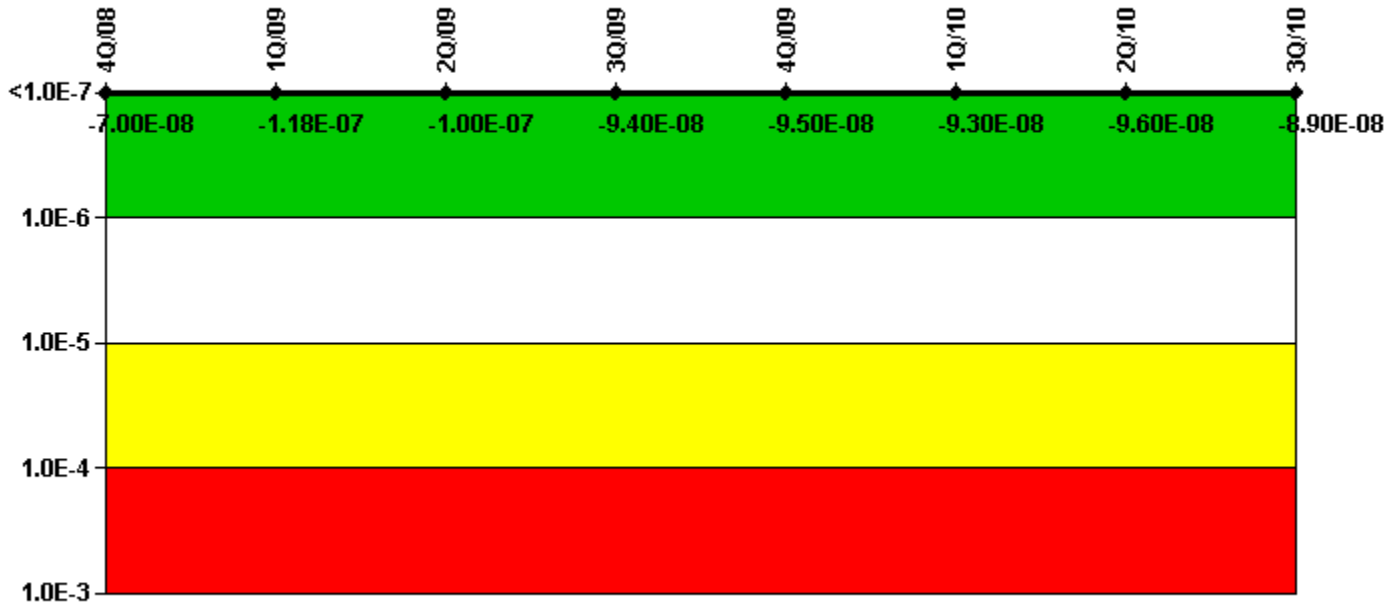
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (Δ CDF)	-8.70E-11	3.70E-10	9.60E-10	9.60E-10	9.70E-10	6.72E-10	2.12E-09	2.16E-09
URI (Δ CDF)	-3.00E-09	-2.80E-09	-6.60E-09	-6.60E-09	-6.60E-09	-1.06E-08	-1.06E-08	-1.06E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.09E-09	-2.43E-09	-5.64E-09	-5.64E-09	-5.63E-09	-9.90E-09	-8.50E-09	-8.40E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



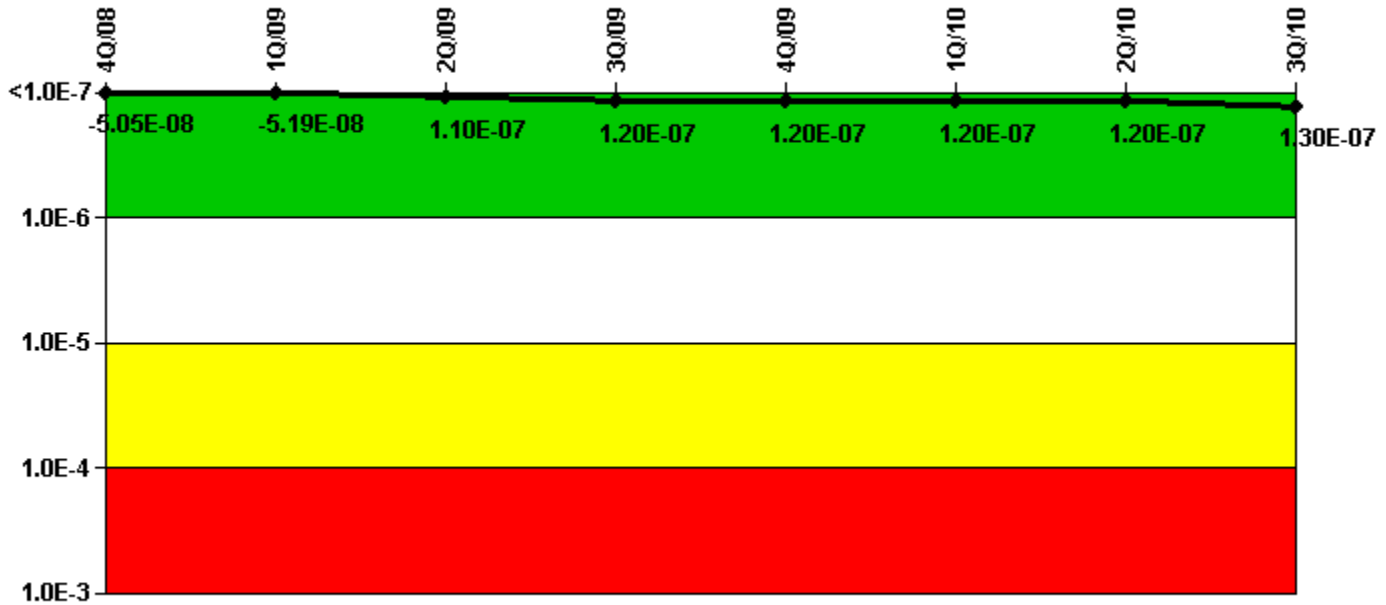
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (Δ CDF)	-1.80E-08	-1.80E-08	-6.25E-09	-5.77E-10	-2.05E-09	-1.46E-09	-4.73E-09	1.04E-09
URI (Δ CDF)	-5.20E-08	-1.00E-07	-9.42E-08	-9.31E-08	-9.25E-08	-9.19E-08	-9.13E-08	-8.98E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-7.00E-08	-1.18E-07	-1.00E-07	-9.40E-08	-9.50E-08	-9.30E-08	-9.60E-08	-8.90E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (Δ CDF)	-1.50E-09	-3.90E-09	-4.32E-09	-9.78E-10	1.02E-09	-1.76E-09	-1.68E-09	4.80E-10
URI (Δ CDF)	-4.90E-08	-4.80E-08	1.17E-07	1.19E-07	1.21E-07	1.23E-07	1.25E-07	1.27E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.05E-08	-5.19E-08	1.10E-07	1.20E-07	1.20E-07	1.20E-07	1.20E-07	1.30E-07

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



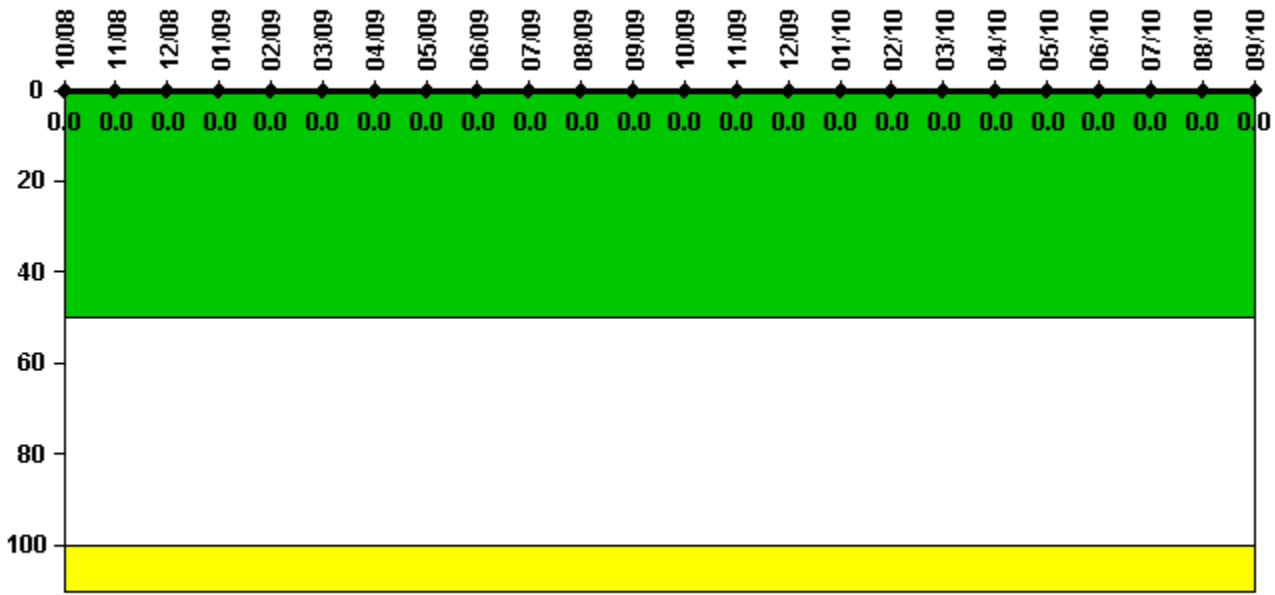
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (Δ CDF)	2.70E-08	4.80E-08	3.20E-08	5.60E-08	5.20E-08	8.62E-08	9.63E-08	1.14E-07
URI (Δ CDF)	-7.00E-08	-7.60E-08	-5.30E-08	-5.70E-08	-6.10E-08	-6.54E-08	-6.93E-08	-7.26E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.30E-08	-2.80E-08	-2.10E-08	-1.00E-09	-9.00E-09	2.10E-08	2.70E-08	4.20E-08

Licensee Comments: none

Reactor Coolant System Activity



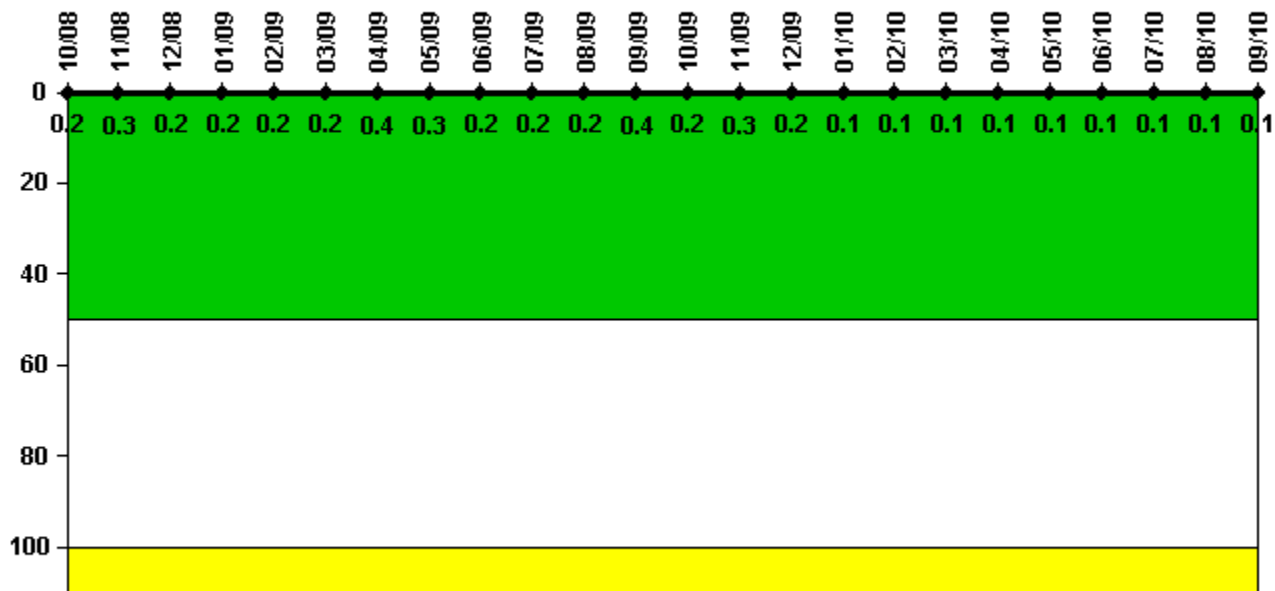
Thresholds: White > 50.0 Yellow > 100.0

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	0.000071	0.000073	0.000079	0.000083	0.000233	0.000095	0.000080	0.000045	0.000056	0.000070	0.000427	0.000089
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	10/09	11/09	12/09	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10
Maximum activity	0.000099	0.000102	0.000116	0.000127	0.000129	0.000134	0.000141	0.000150	0.000155	0.000162	0.000169	0.000173
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



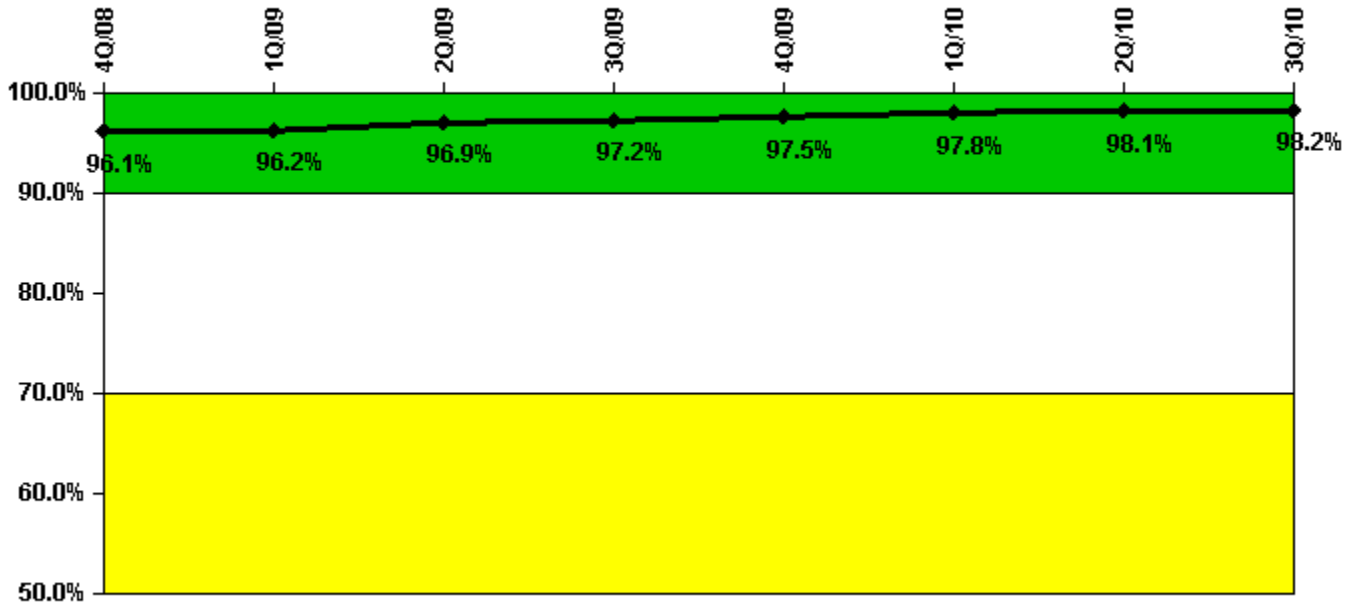
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/08	11/08	12/08	1/09	2/09	3/09	4/09	5/09	6/09	7/09	8/09	9/09
Maximum leakage	0.020	0.030	0.020	0.020	0.020	0.016	0.039	0.030	0.020	0.020	0.020	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.3	0.2	0.2	0.2	0.2	0.4	0.3	0.2	0.2	0.2	0.4
Reactor Coolant System Leakage	10/09	11/09	12/09	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10
Maximum leakage	0.020	0.030	0.020	0.010	0.010	0.010	0.010	0.010	0.013	0.012	0.014	0.012
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

Drill/Exercise Performance



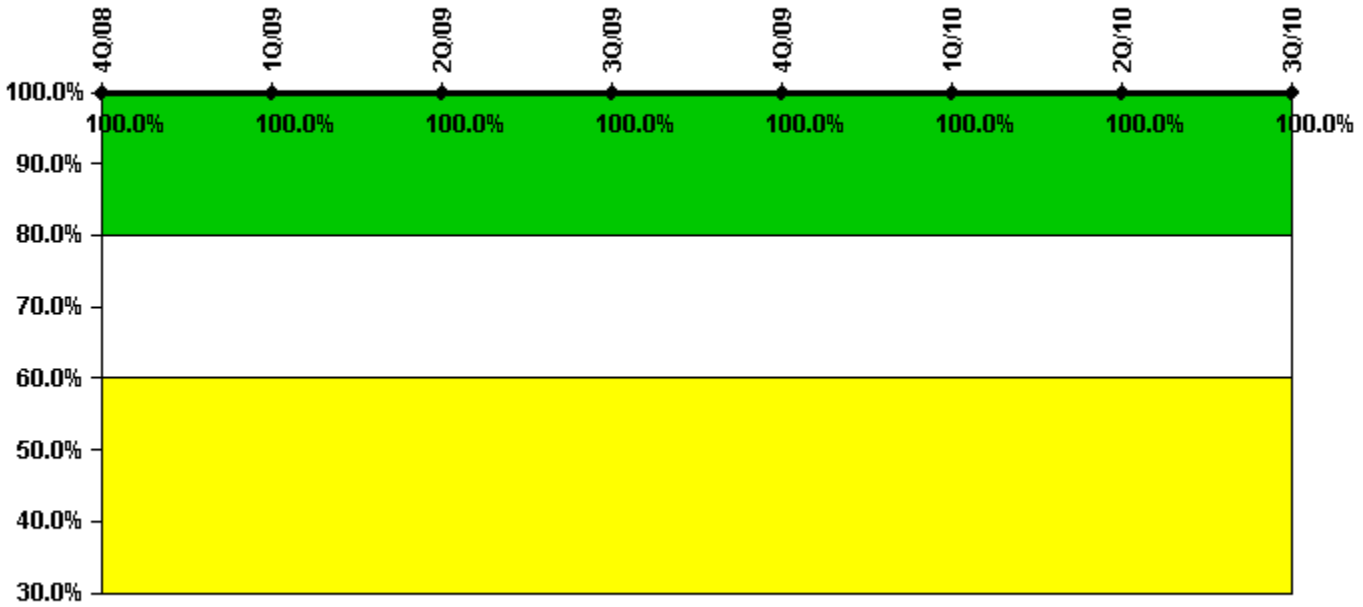
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Successful opportunities	29.0	54.0	20.0	29.0	46.0	36.0	33.0	27.0
Total opportunities	29.0	55.0	20.0	30.0	47.0	36.0	34.0	28.0
Indicator value	96.1%	96.2%	96.9%	97.2%	97.5%	97.8%	98.1%	98.2%

Licensee Comments: none

ERO Drill Participation



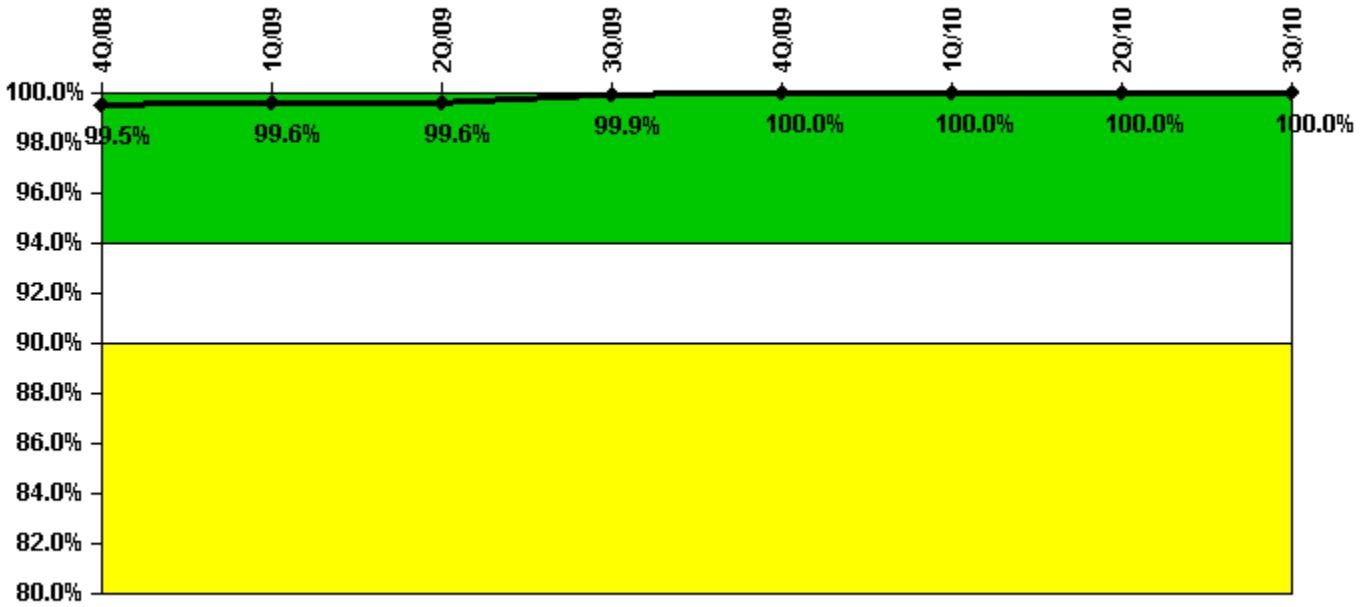
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Participating Key personnel	43.0	41.0	38.0	47.0	50.0	48.0	52.0	49.0
Total Key personnel	43.0	41.0	38.0	47.0	50.0	48.0	52.0	49.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



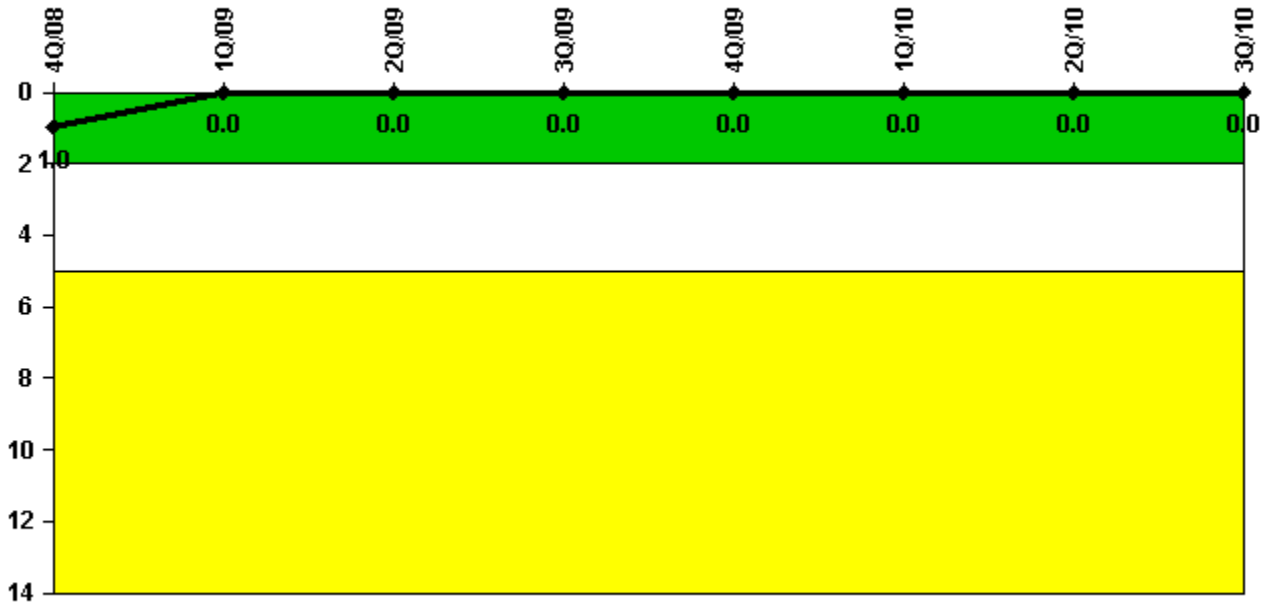
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Successful siren-tests	662	580	664	747	581	664	581	747
Total sirens-tests	664	581	664	747	581	664	581	747
Indicator value	99.5%	99.6%	99.6%	99.9%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



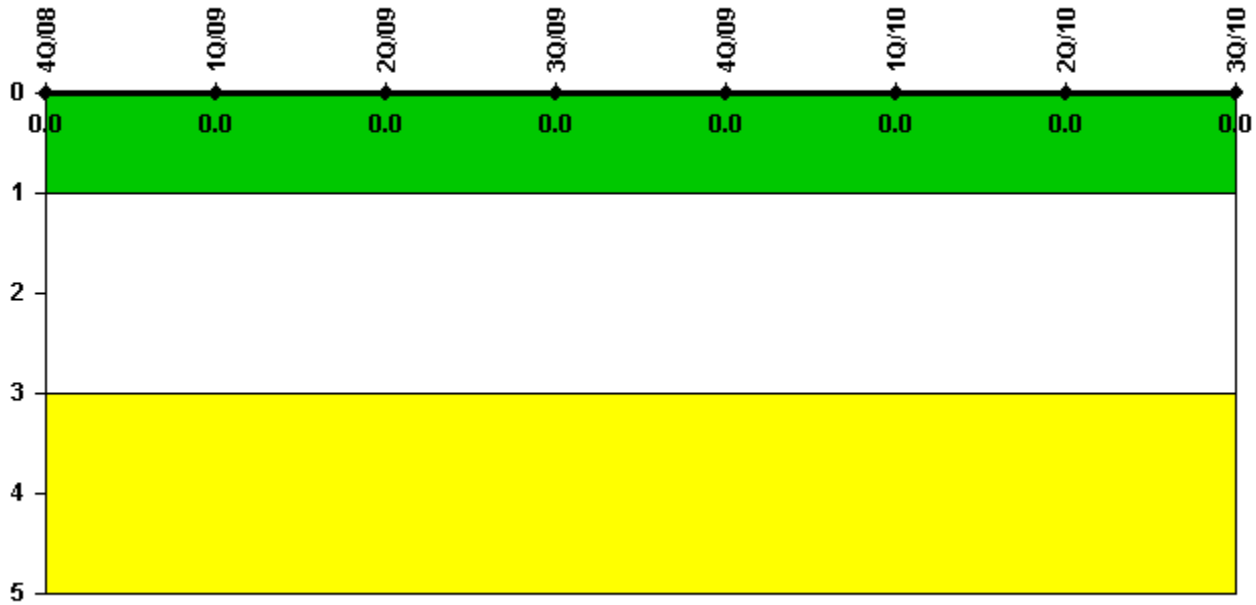
Thresholds: White > 2.0 Yellow > 5.0

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	1	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/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

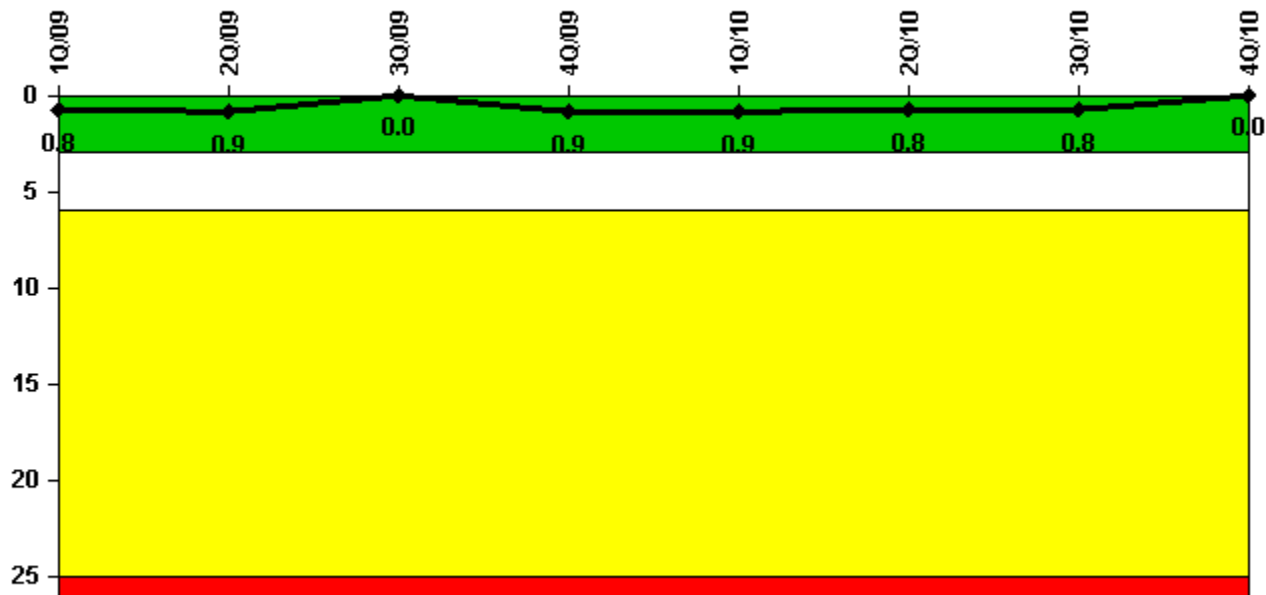
[Security](#) information not publicly available.

Harris 1

4Q/2010 Performance Indicators

Licensee's General Comments: Change file created to update Reactor Shutdown information for October in the Generation Occurrences area.

Unplanned Scrams per 7000 Critical Hrs



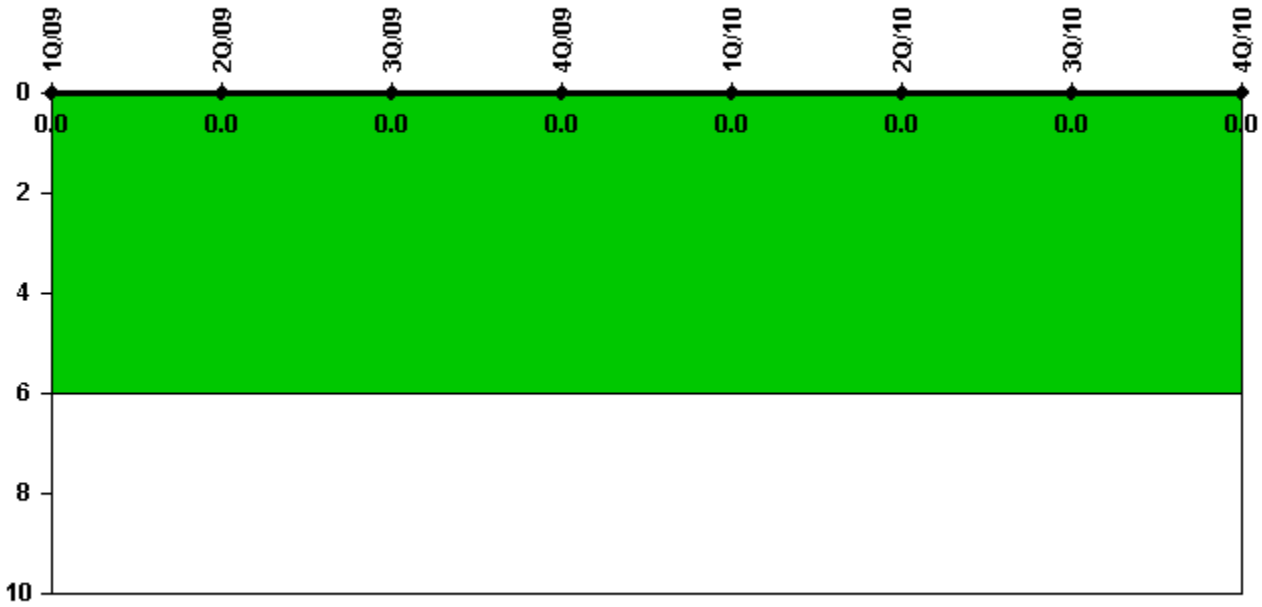
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0	0
Critical hours	2159.0	1651.4	2208.0	2102.5	2159.0	2184.0	2208.0	1249.6
Indicator value	0.8	0.9	0	0.9	0.9	0.8	0.8	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



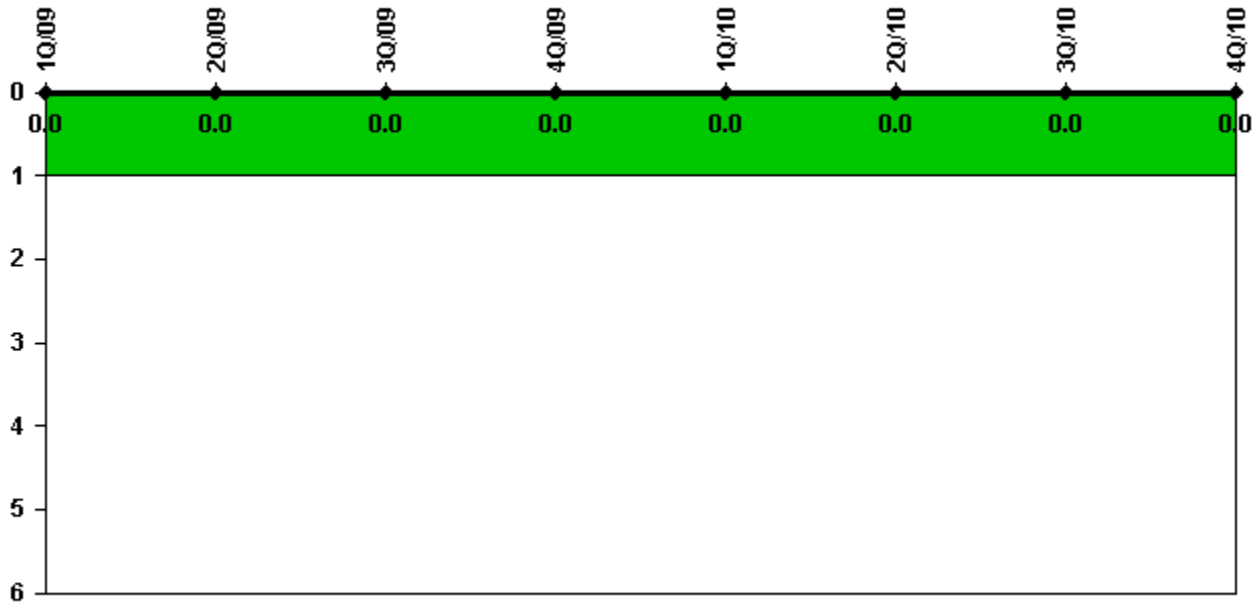
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	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	1651.4	2208.0	2102.5	2159.0	2184.0	2208.0	1249.6
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



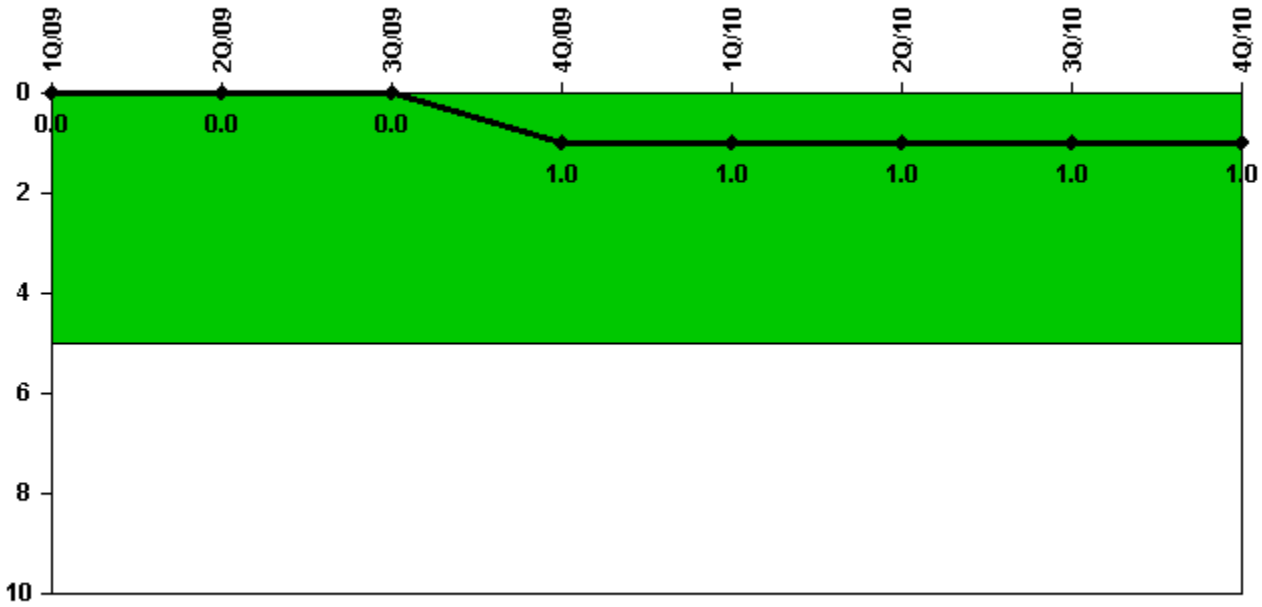
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

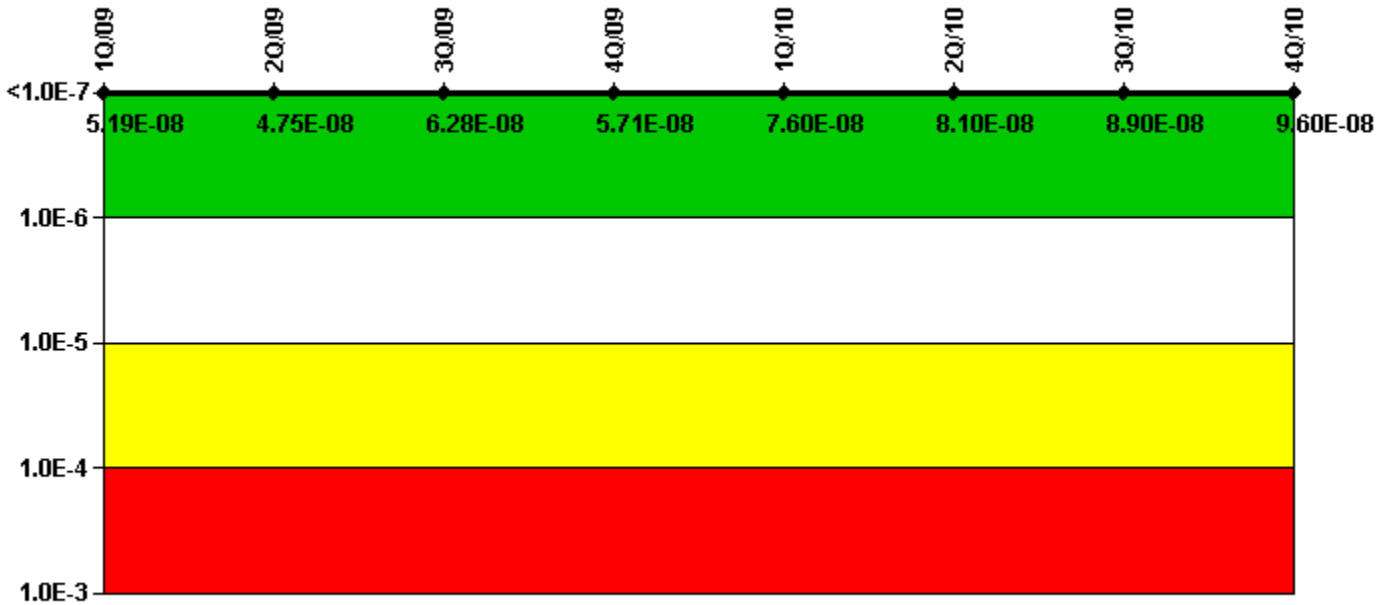
Notes

Safety System Functional Failures (PWR)	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Safety System Functional Failures	0	0	0	1	0	0	0	1
Indicator value	0	0	0	1	1	1	1	1

Licensee Comments:

4Q/10: Loss of Safety Function due to both trains of ECCS inoperable longer than allowed by Tech Specs. LER 2010-005.

Mitigating Systems Performance Index, Emergency AC Power System



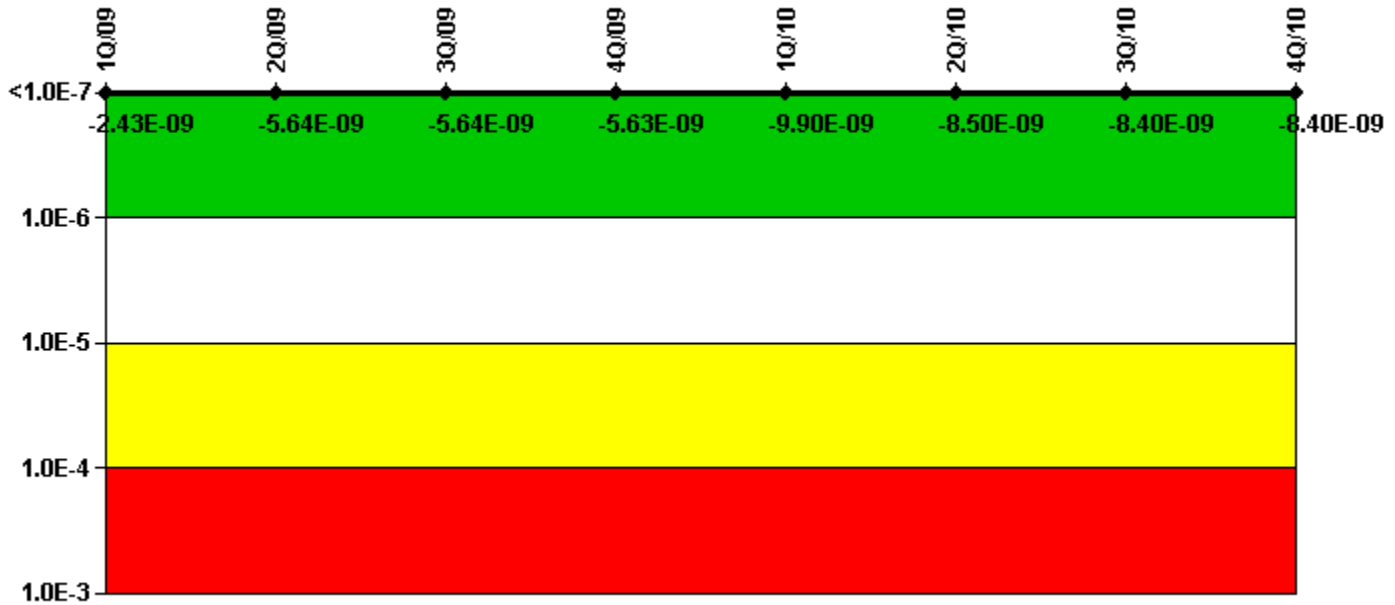
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	-6.10E-09	-8.50E-09	6.80E-09	1.10E-09	1.97E-08	2.48E-08	1.67E-08	2.41E-08
URI (Δ CDF)	5.80E-08	5.60E-08	5.60E-08	5.60E-08	5.59E-08	5.59E-08	7.19E-08	7.19E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	5.19E-08	4.75E-08	6.28E-08	5.71E-08	7.60E-08	8.10E-08	8.90E-08	9.60E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



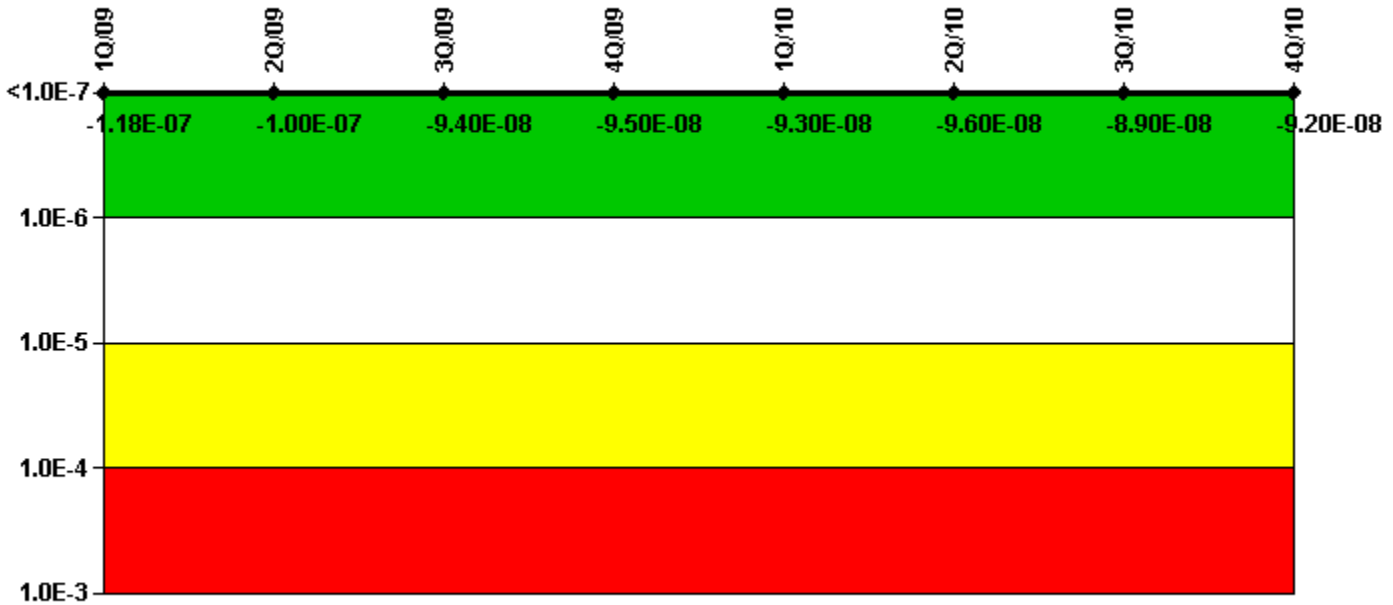
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (Δ CDF)	3.70E-10	9.60E-10	9.60E-10	9.70E-10	6.72E-10	2.12E-09	2.16E-09	2.22E-09
URI (Δ CDF)	-2.80E-09	-6.60E-09	-6.60E-09	-6.60E-09	-1.06E-08	-1.06E-08	-1.06E-08	-1.06E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.43E-09	-5.64E-09	-5.64E-09	-5.63E-09	-9.90E-09	-8.50E-09	-8.40E-09	-8.40E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



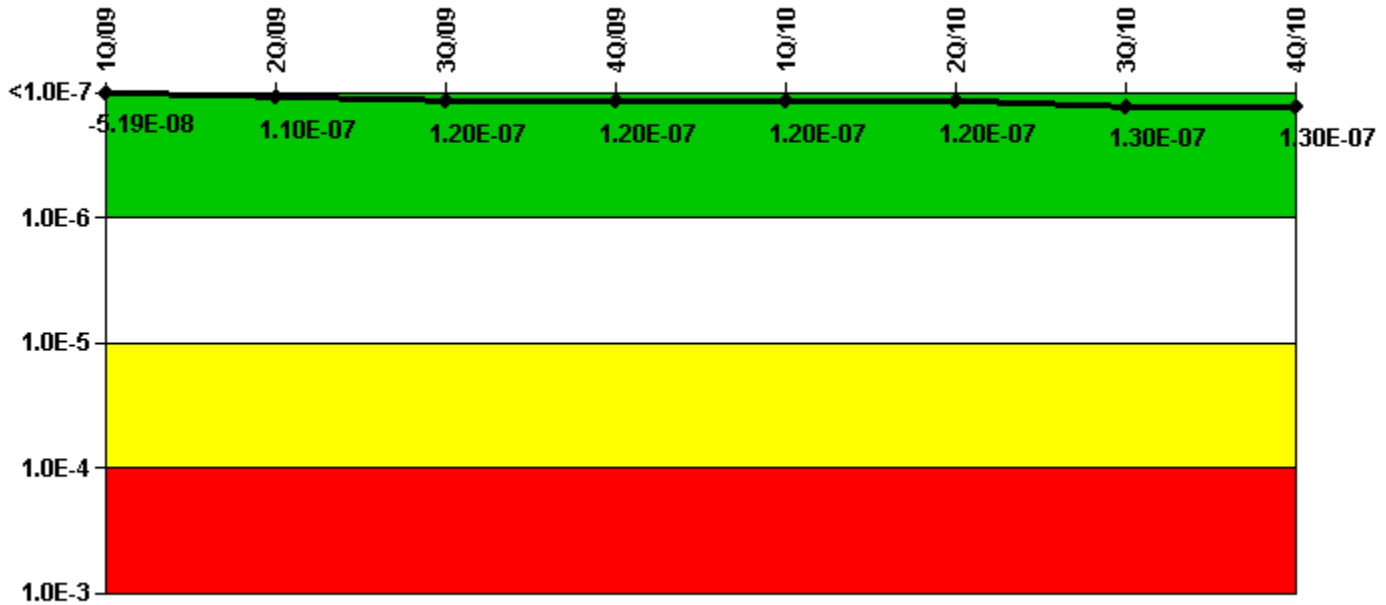
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (Δ CDF)	-1.80E-08	-6.25E-09	-5.77E-10	-2.05E-09	-1.46E-09	-4.73E-09	1.04E-09	-2.94E-09
URI (Δ CDF)	-1.00E-07	-9.42E-08	-9.31E-08	-9.25E-08	-9.19E-08	-9.13E-08	-8.98E-08	-8.91E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.18E-07	-1.00E-07	-9.40E-08	-9.50E-08	-9.30E-08	-9.60E-08	-8.90E-08	-9.20E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (Δ CDF)	-3.90E-09	-4.32E-09	-9.78E-10	1.02E-09	-1.76E-09	-1.68E-09	4.80E-10	2.99E-09
URI (Δ CDF)	-4.80E-08	1.17E-07	1.19E-07	1.21E-07	1.23E-07	1.25E-07	1.27E-07	1.29E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.19E-08	1.10E-07	1.20E-07	1.20E-07	1.20E-07	1.20E-07	1.30E-07	1.30E-07

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



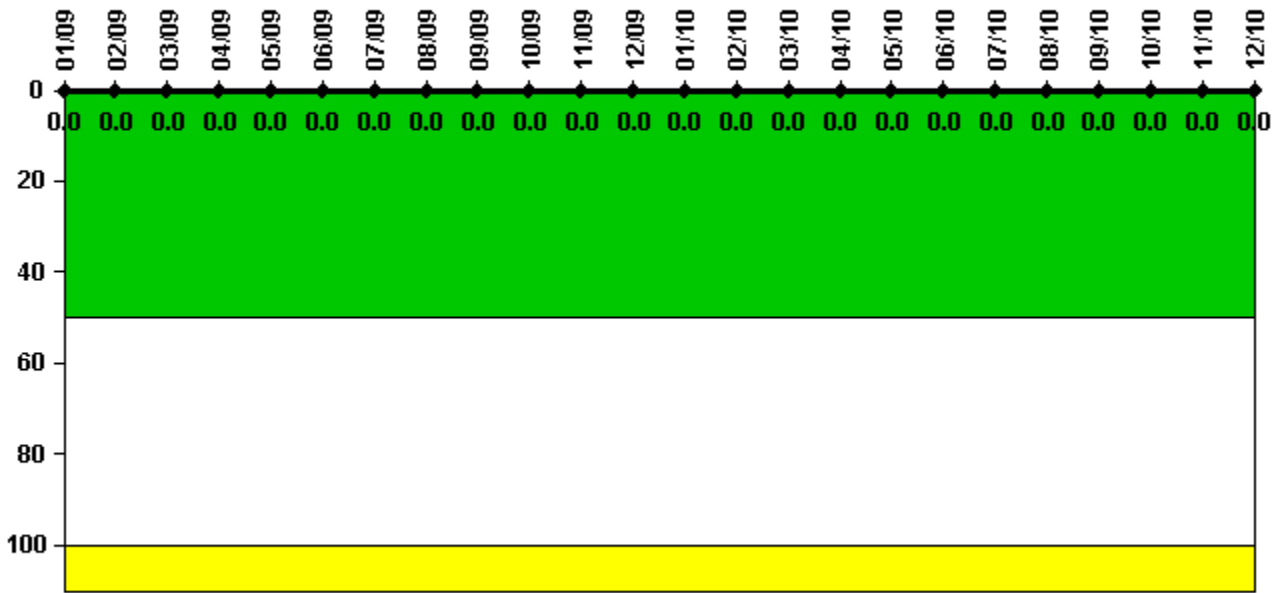
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (Δ CDF)	4.80E-08	3.20E-08	5.60E-08	5.20E-08	8.62E-08	9.63E-08	1.14E-07	1.06E-07
URI (Δ CDF)	-7.60E-08	-5.30E-08	-5.70E-08	-6.10E-08	-6.54E-08	-6.93E-08	-7.26E-08	-1.92E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.80E-08	-2.10E-08	-1.00E-09	-9.00E-09	2.10E-08	2.70E-08	4.20E-08	-8.60E-08

Licensee Comments: none

Reactor Coolant System Activity



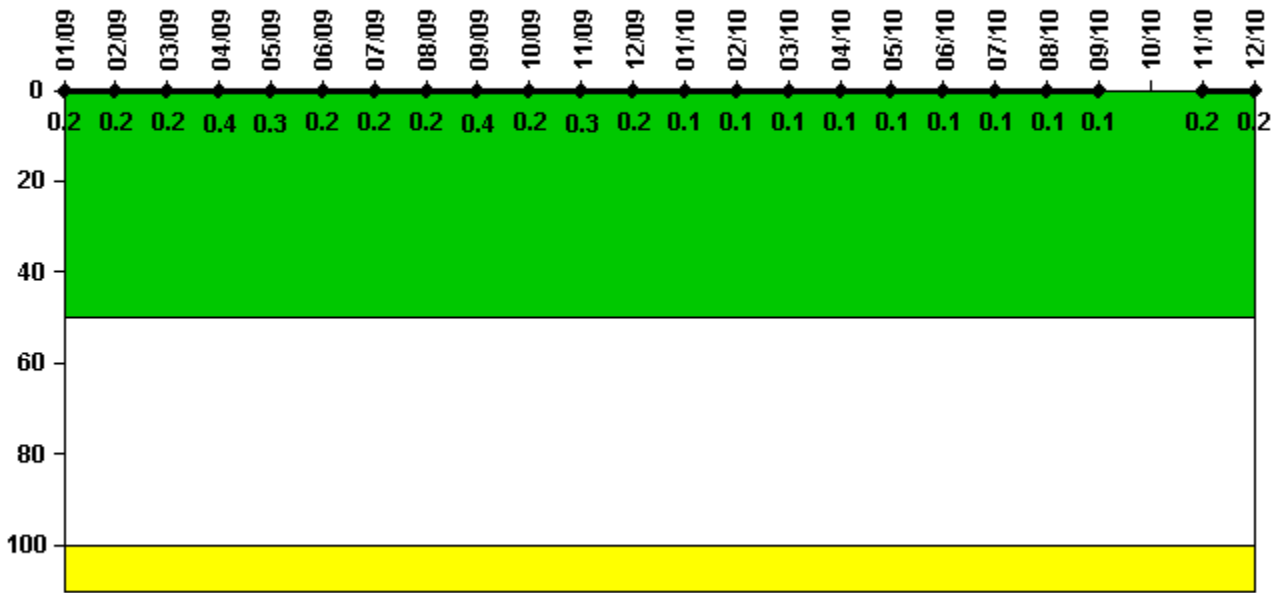
Thresholds: White > 50.0 Yellow > 100.0

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	0.000083	0.000233	0.000095	0.000080	0.000045	0.000056	0.000070	0.000427	0.000089	0.000099	0.000102	0.000116
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	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	0.000127	0.000129	0.000134	0.000141	0.000150	0.000155	0.000162	0.000169	0.000173	0.000160	0.000085	0.000162
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



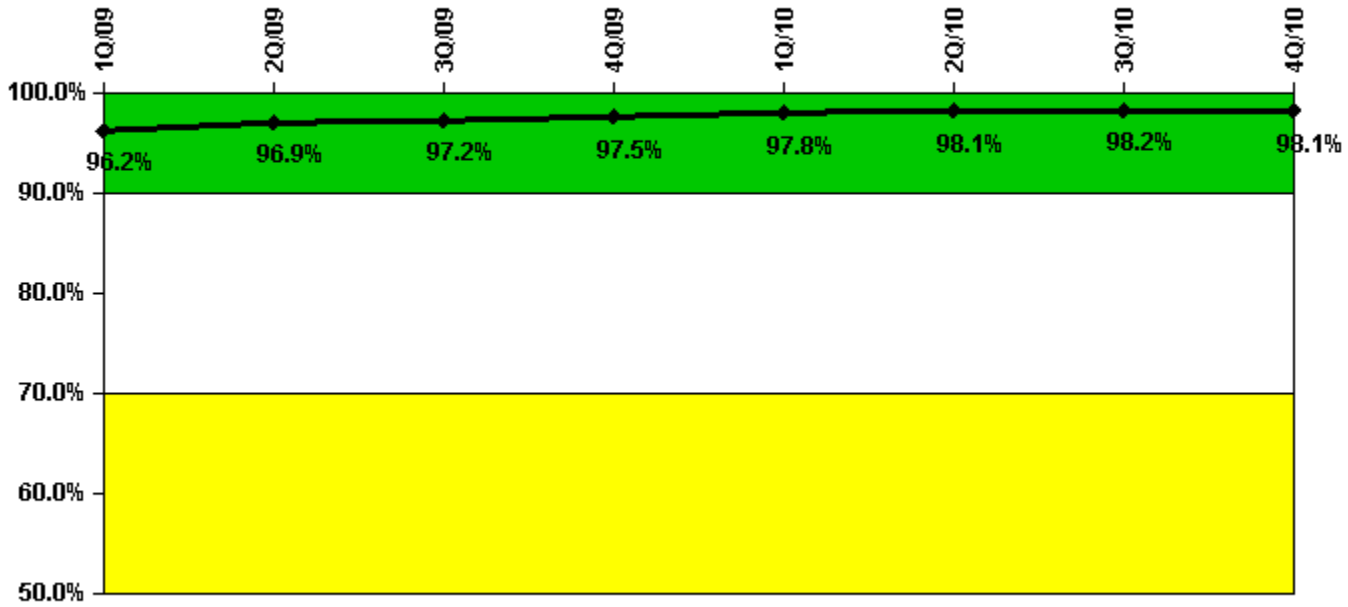
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/09	2/09	3/09	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09
Maximum leakage	0.020	0.020	0.016	0.039	0.030	0.020	0.020	0.020	0.040	0.020	0.030	0.020
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.2	0.2	0.4	0.3	0.2	0.2	0.2	0.4	0.2	0.3	0.2
Reactor Coolant System Leakage	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10
Maximum leakage	0.010	0.010	0.010	0.010	0.010	0.013	0.012	0.014	0.012	N/A	0.016	0.019
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	N/A	0.2	0.2

Licensee Comments: none

Drill/Exercise Performance



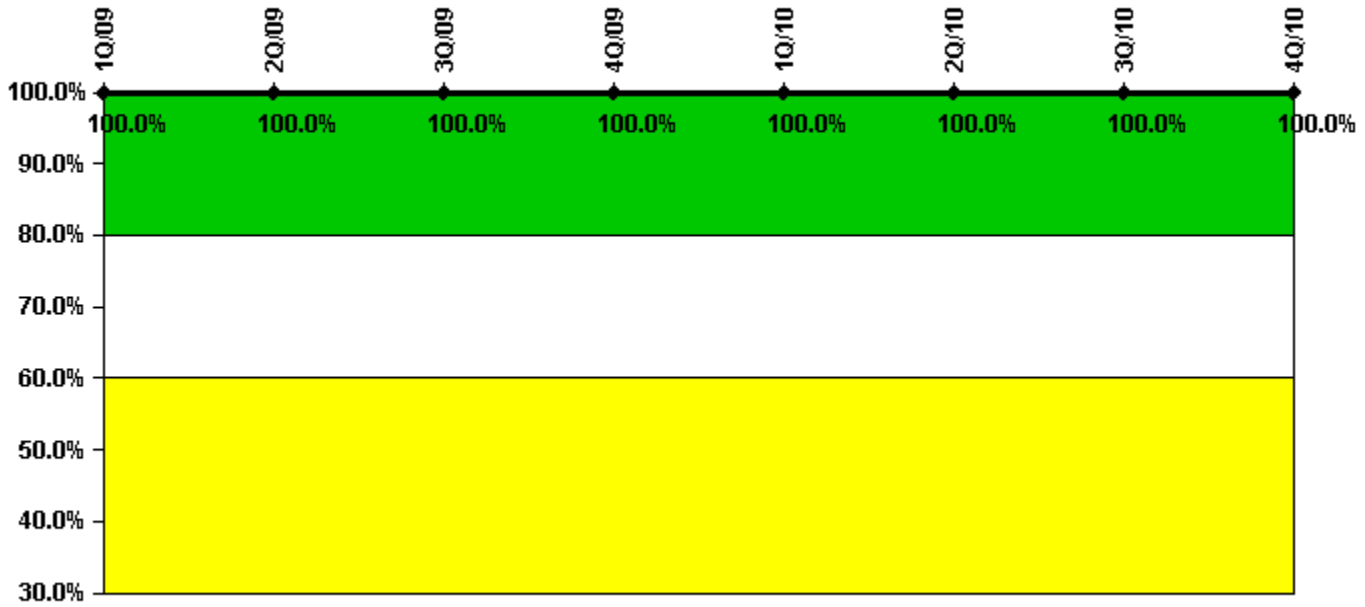
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Successful opportunities	54.0	20.0	29.0	46.0	36.0	33.0	27.0	8.0
Total opportunities	55.0	20.0	30.0	47.0	36.0	34.0	28.0	8.0
Indicator value	96.2%	96.9%	97.2%	97.5%	97.8%	98.1%	98.2%	98.1%

License Comments: none

ERO Drill Participation



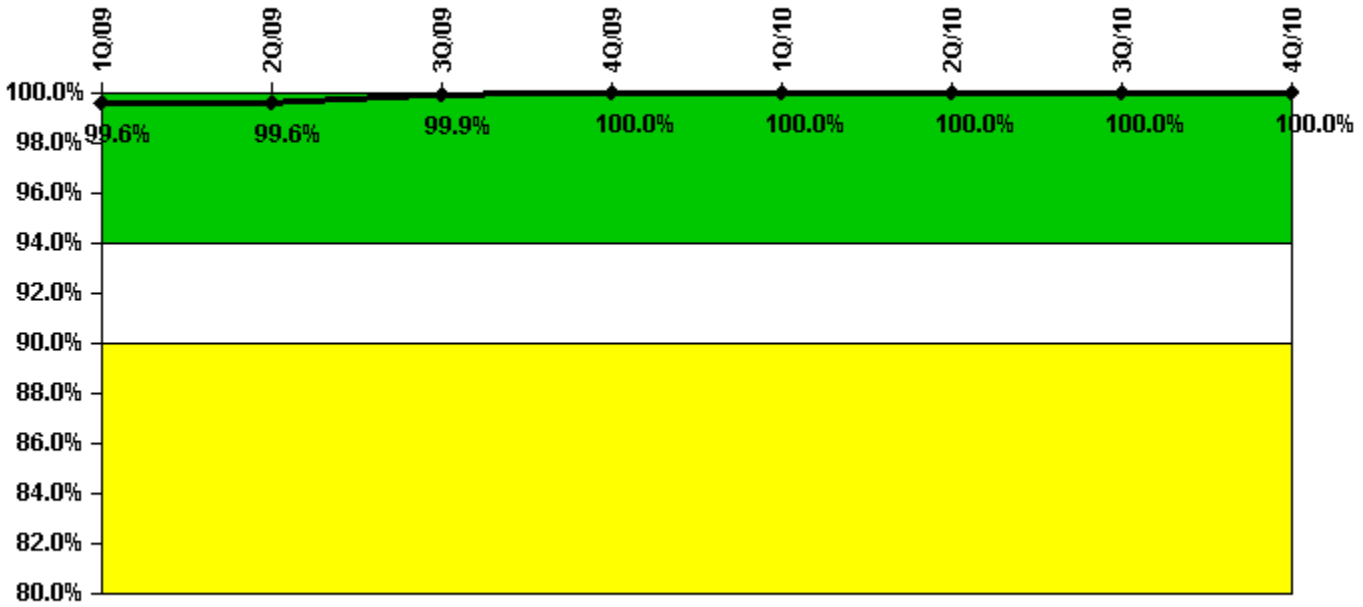
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Participating Key personnel	41.0	38.0	47.0	50.0	48.0	52.0	49.0	48.0
Total Key personnel	41.0	38.0	47.0	50.0	48.0	52.0	49.0	48.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



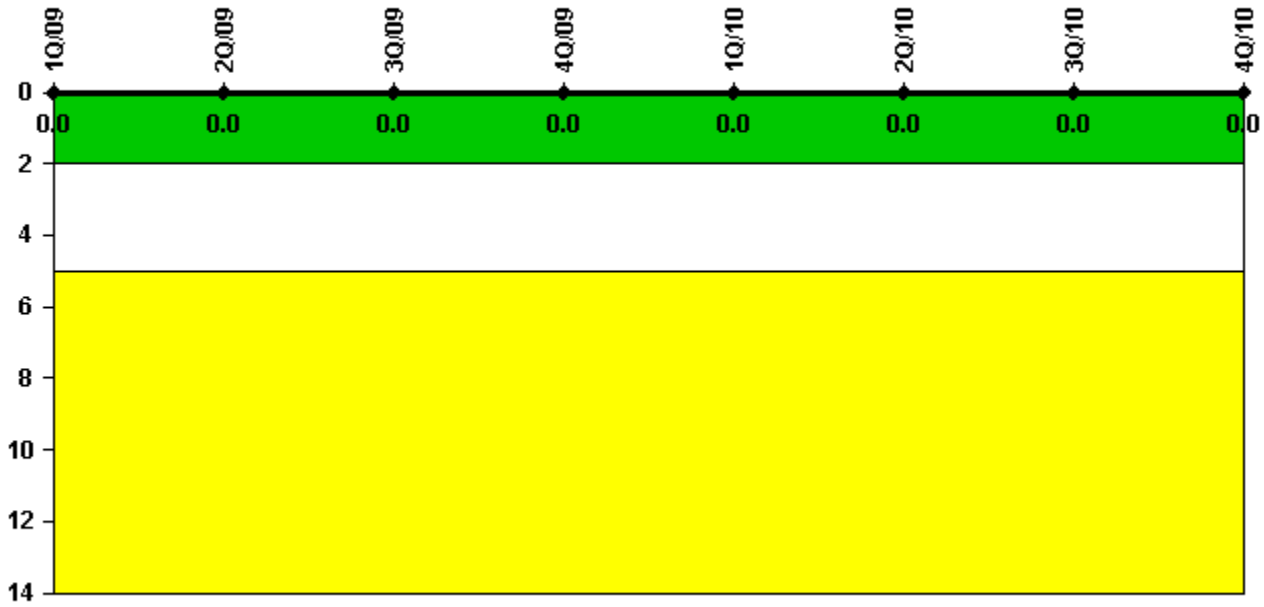
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Successful siren-tests	580	664	747	581	664	581	747	581
Total sirens-tests	581	664	747	581	664	581	747	581
Indicator value	99.6%	99.6%	99.9%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



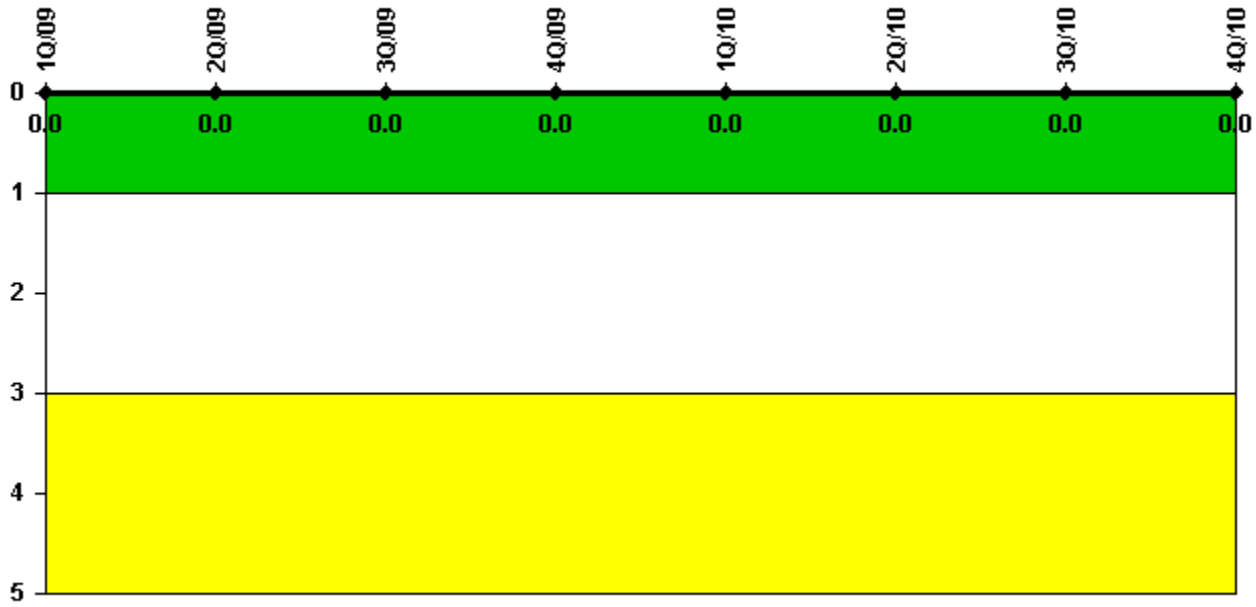
Thresholds: White > 2.0 Yellow > 5.0

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	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/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

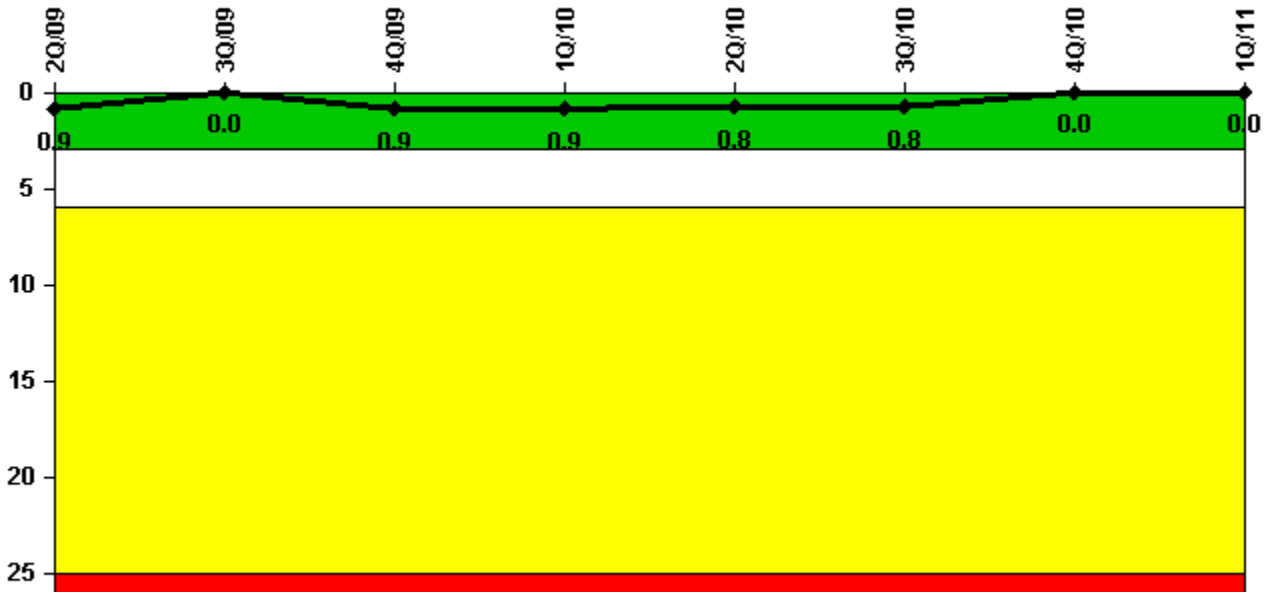
[Security](#) information not publicly available.

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1Q/2011 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



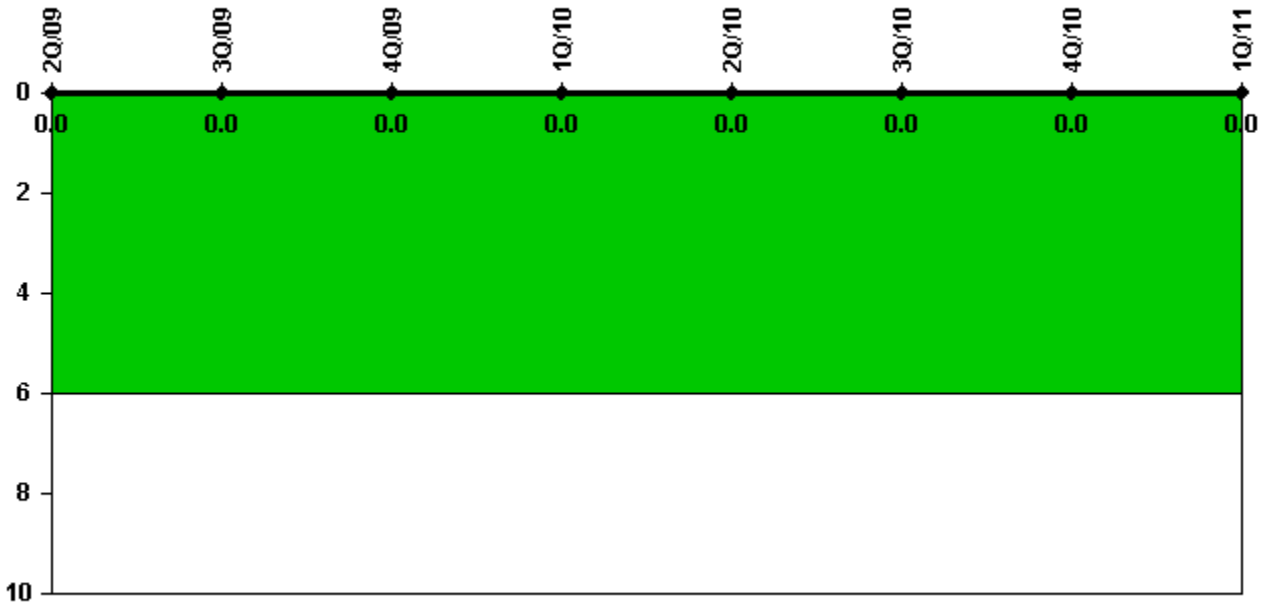
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0	0	0
Critical hours	1651.4	2208.0	2102.5	2159.0	2184.0	2208.0	1249.6	2159.0
Indicator value	0.9	0	0.9	0.9	0.8	0.8	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



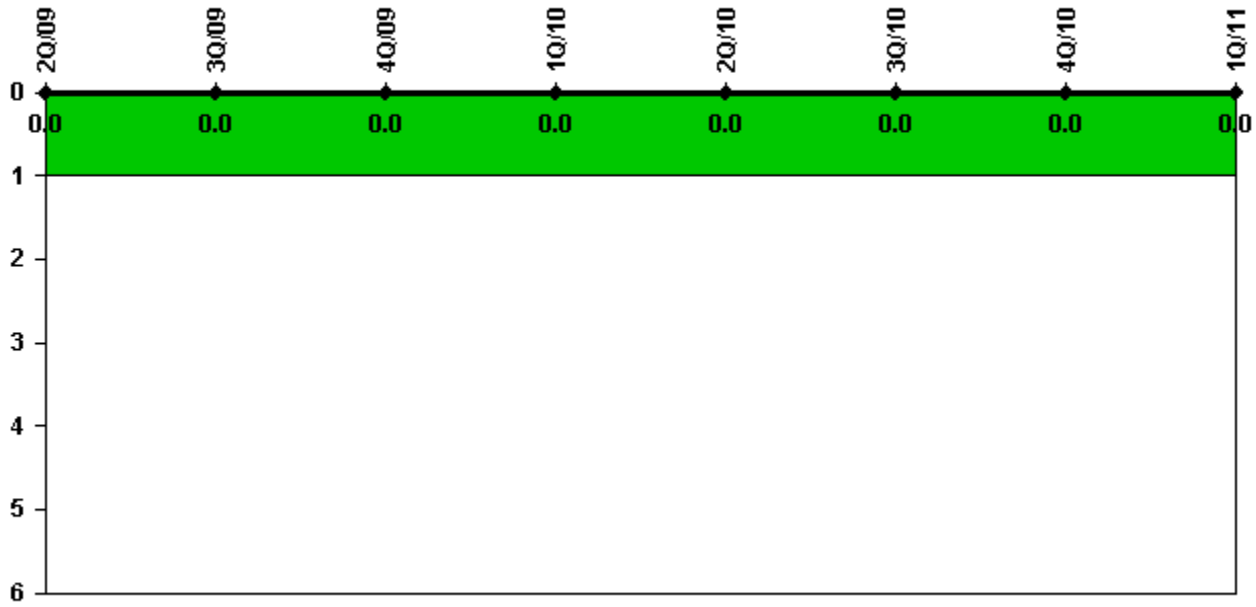
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	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	1651.4	2208.0	2102.5	2159.0	2184.0	2208.0	1249.6	2159.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



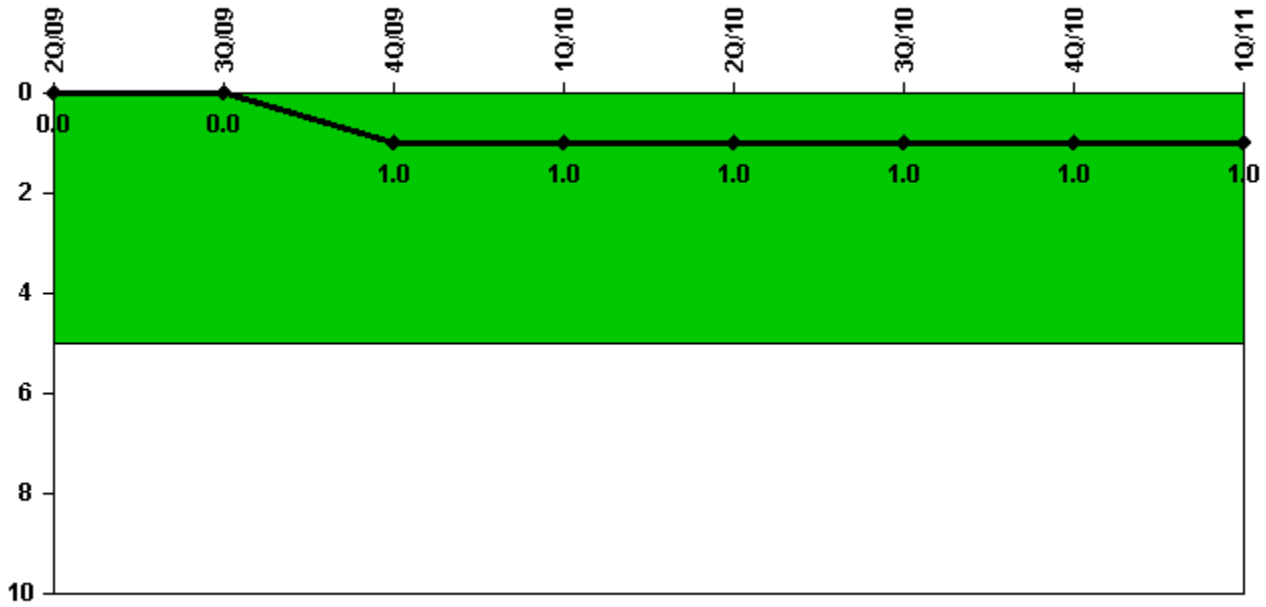
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



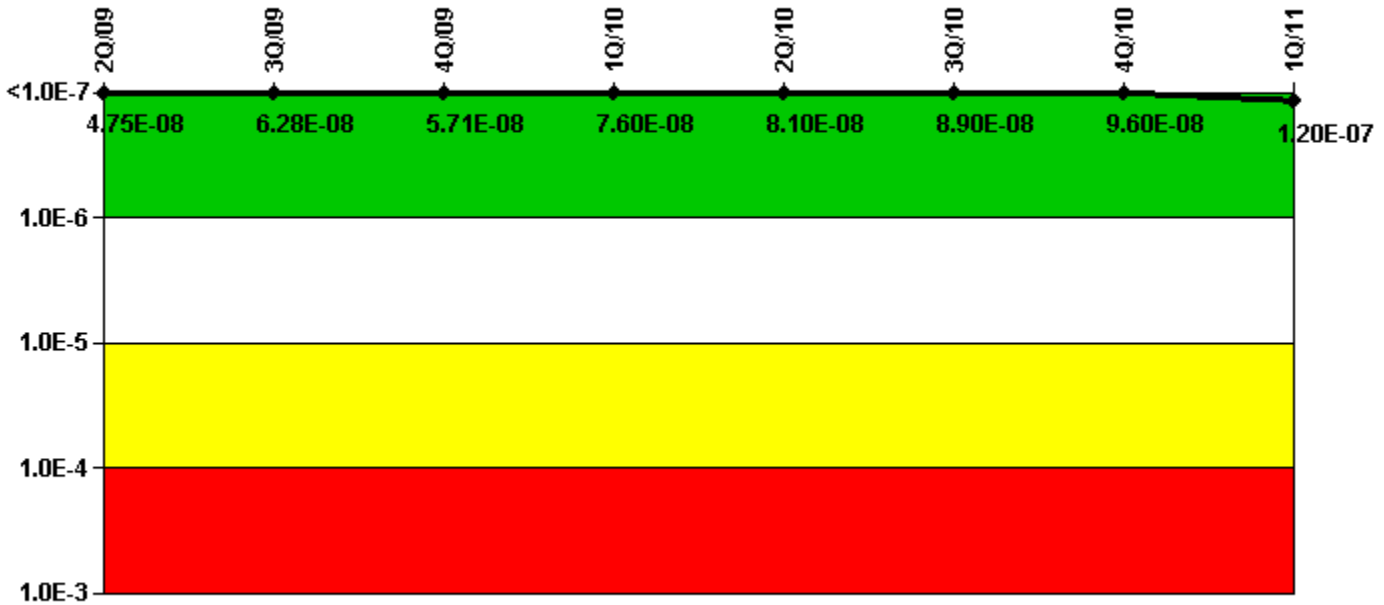
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Safety System Functional Failures	0	0	1	0	0	0	1	0
Indicator value	0	0	1	1	1	1	1	1

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



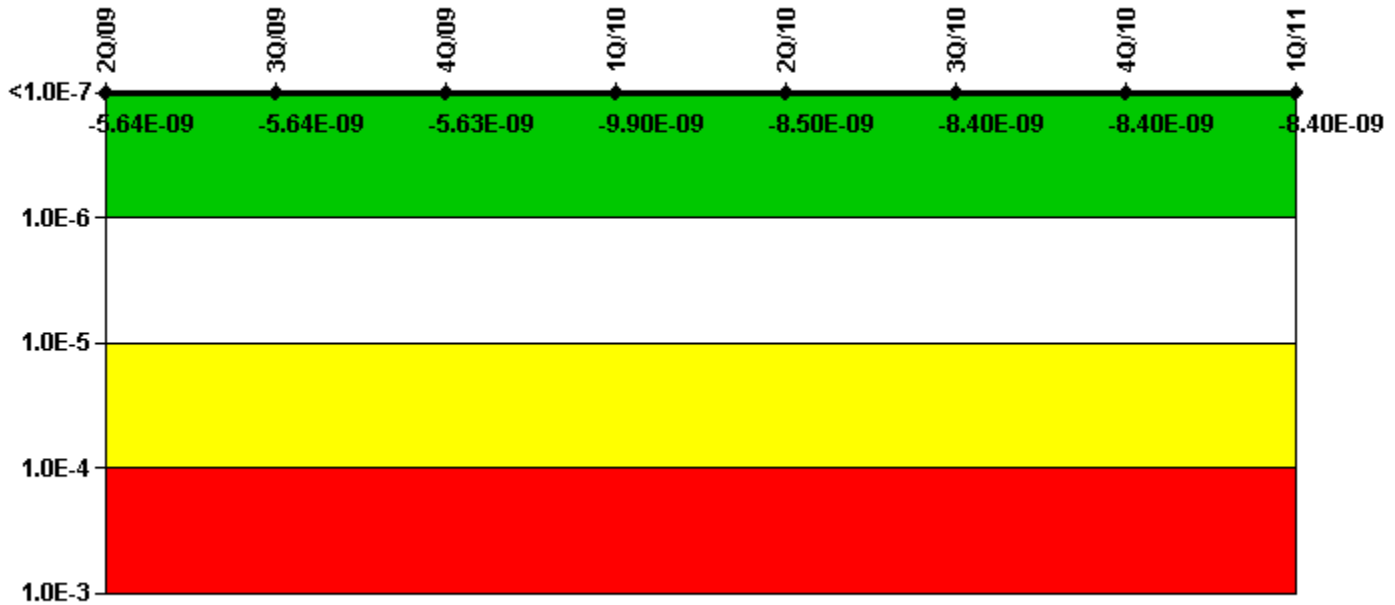
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (Δ CDF)	-8.50E-09	6.80E-09	1.10E-09	1.97E-08	2.48E-08	1.67E-08	2.41E-08	5.07E-08
URI (Δ CDF)	5.60E-08	5.60E-08	5.60E-08	5.59E-08	5.59E-08	7.19E-08	7.19E-08	7.19E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.75E-08	6.28E-08	5.71E-08	7.60E-08	8.10E-08	8.90E-08	9.60E-08	1.20E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



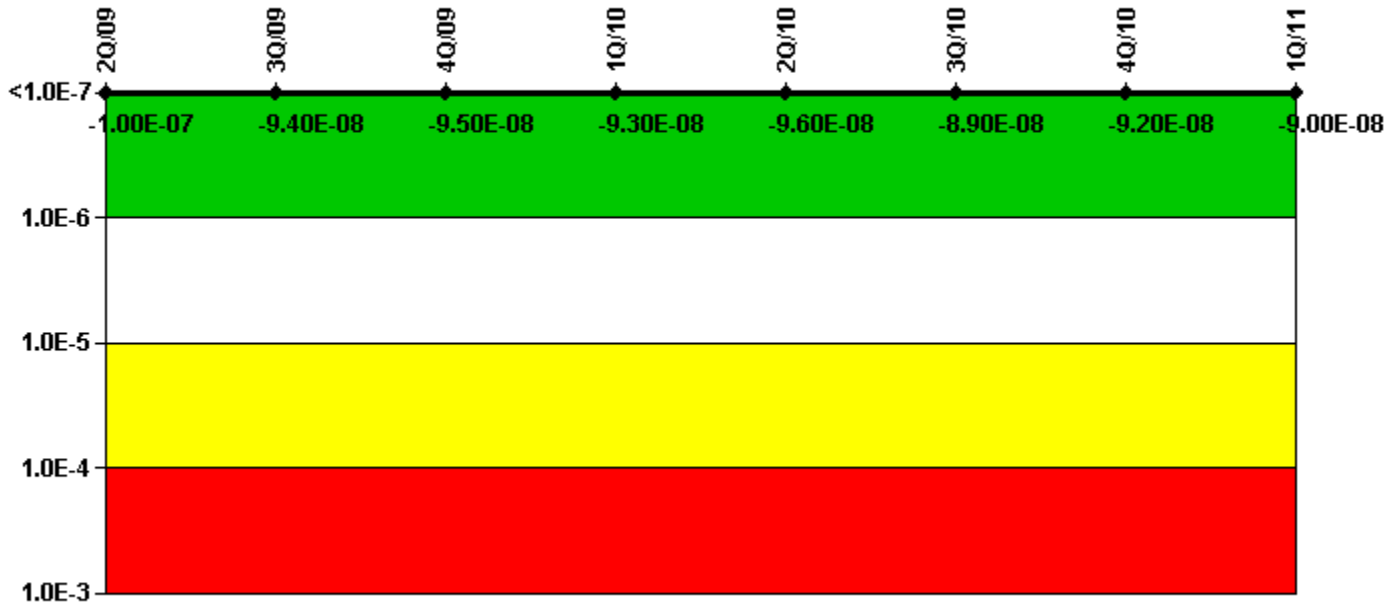
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (Δ CDF)	9.60E-10	9.60E-10	9.70E-10	6.72E-10	2.12E-09	2.16E-09	2.22E-09	2.23E-09
URI (Δ CDF)	-6.60E-09	-6.60E-09	-6.60E-09	-1.06E-08	-1.06E-08	-1.06E-08	-1.06E-08	-1.06E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.64E-09	-5.64E-09	-5.63E-09	-9.90E-09	-8.50E-09	-8.40E-09	-8.40E-09	-8.40E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



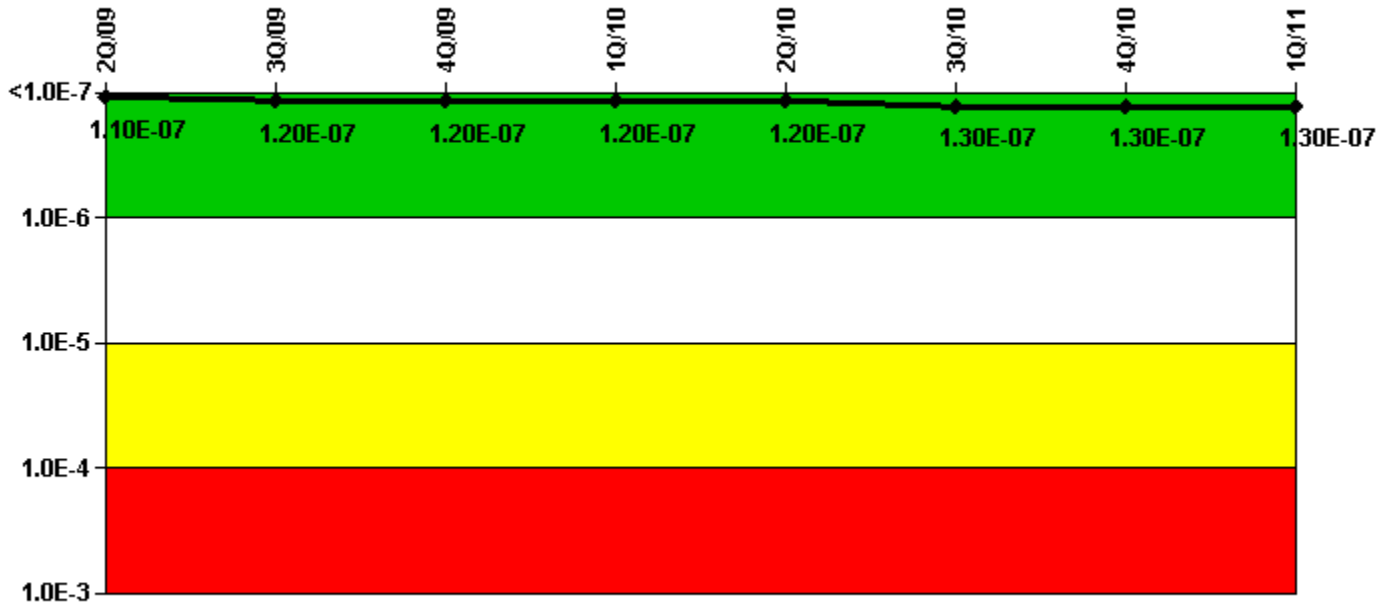
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (Δ CDF)	-6.25E-09	-5.77E-10	-2.05E-09	-1.46E-09	-4.73E-09	1.04E-09	-2.94E-09	-1.66E-09
URI (Δ CDF)	-9.42E-08	-9.31E-08	-9.25E-08	-9.19E-08	-9.13E-08	-8.98E-08	-8.91E-08	-8.84E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.00E-07	-9.40E-08	-9.50E-08	-9.30E-08	-9.60E-08	-8.90E-08	-9.20E-08	-9.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



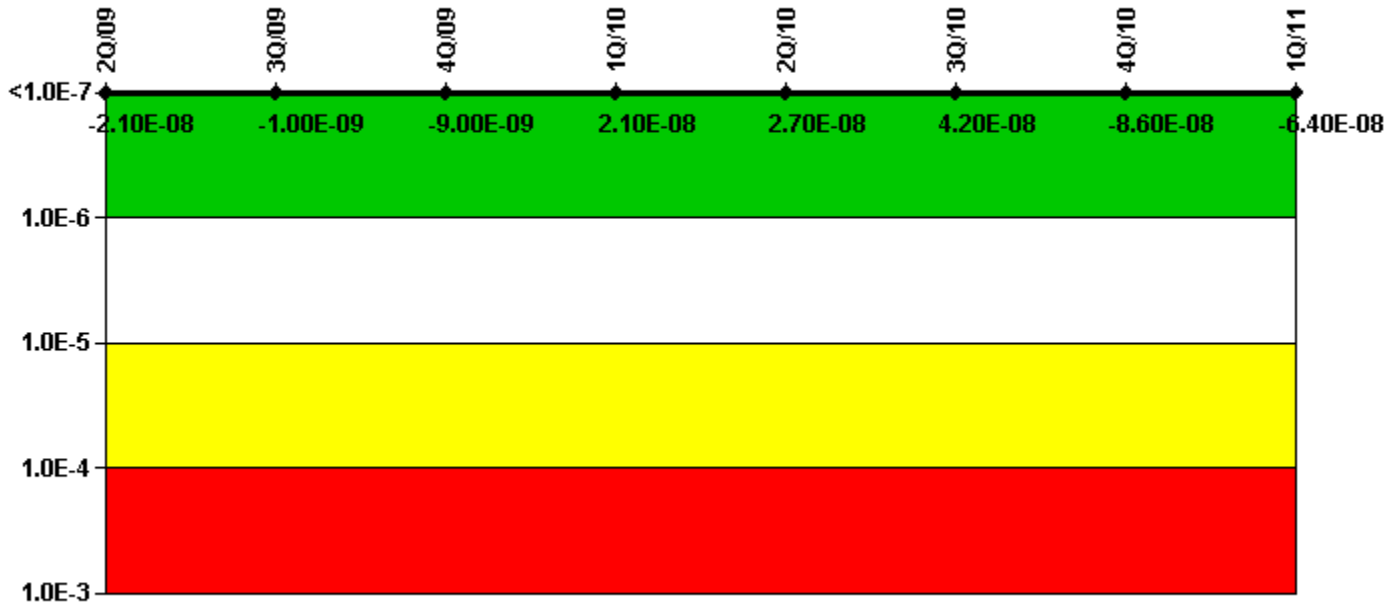
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (Δ CDF)	-4.32E-09	-9.78E-10	1.02E-09	-1.76E-09	-1.68E-09	4.80E-10	2.99E-09	3.02E-09
URI (Δ CDF)	1.17E-07	1.19E-07	1.21E-07	1.23E-07	1.25E-07	1.27E-07	1.29E-07	1.31E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.10E-07	1.20E-07	1.20E-07	1.20E-07	1.20E-07	1.30E-07	1.30E-07	1.30E-07

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



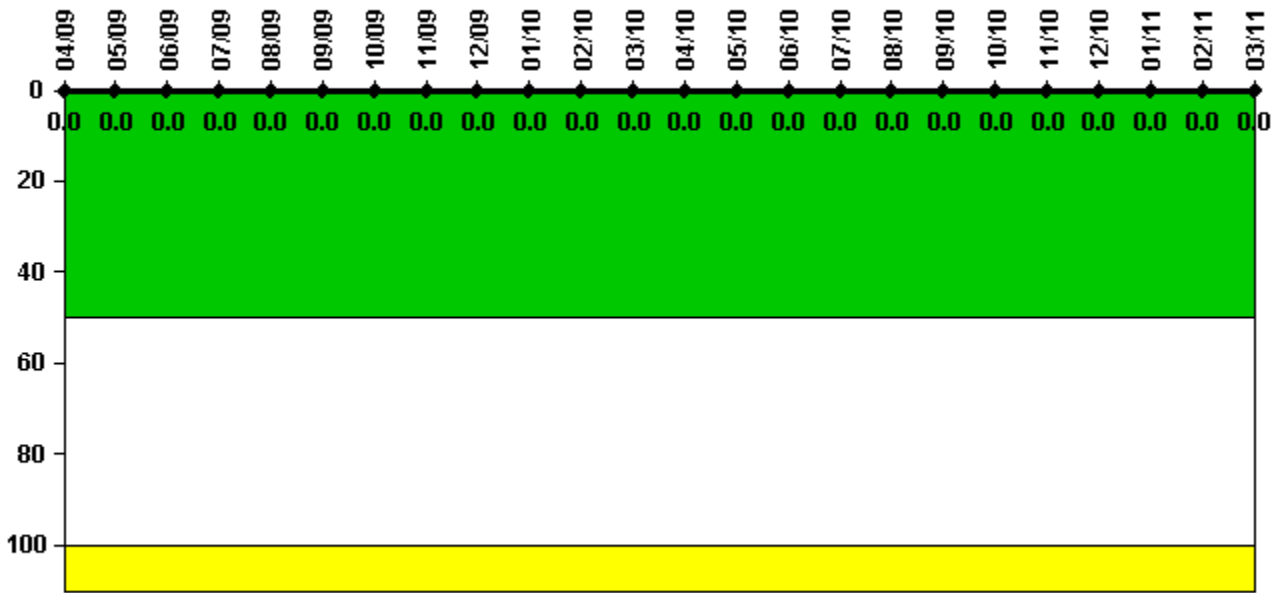
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (Δ CDF)	3.20E-08	5.60E-08	5.20E-08	8.62E-08	9.63E-08	1.14E-07	1.06E-07	1.30E-07
URI (Δ CDF)	-5.30E-08	-5.70E-08	-6.10E-08	-6.54E-08	-6.93E-08	-7.26E-08	-1.92E-07	-1.93E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.10E-08	-1.00E-09	-9.00E-09	2.10E-08	2.70E-08	4.20E-08	-8.60E-08	-6.40E-08

Licensee Comments: none

Reactor Coolant System Activity



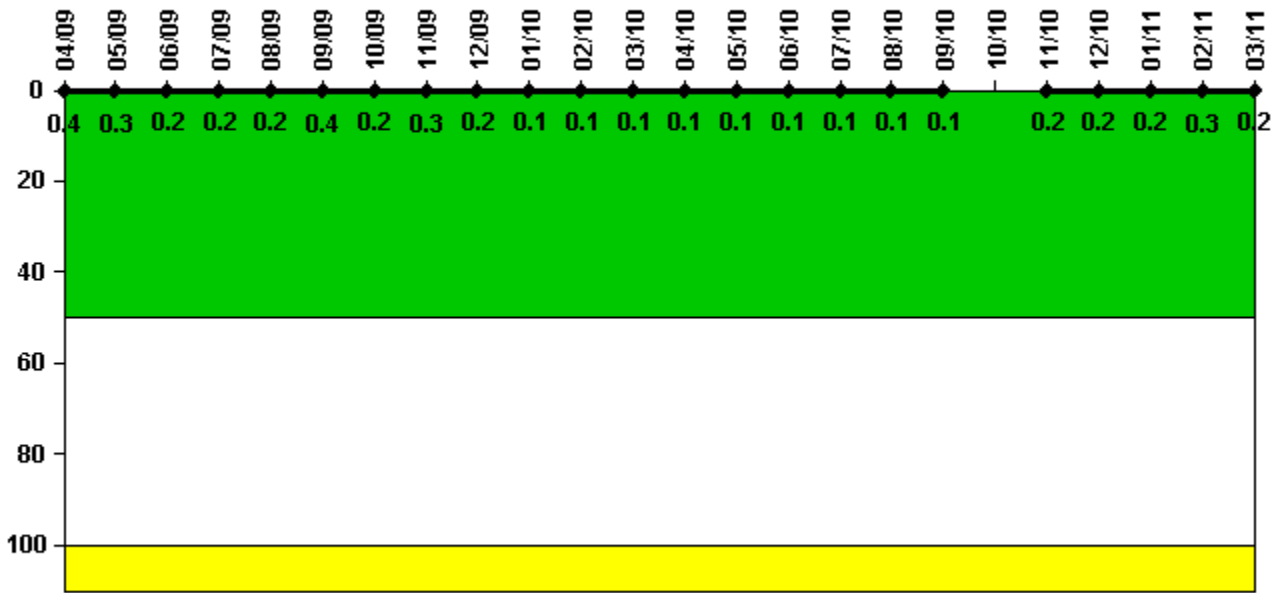
Thresholds: White > 50.0 Yellow > 100.0

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	0.000080	0.000045	0.000056	0.000070	0.000427	0.000089	0.000099	0.000102	0.000116	0.000127	0.000129	0.000134
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11
Maximum activity	0.000141	0.000150	0.000155	0.000162	0.000169	0.000173	0.000160	0.000085	0.000162	0.000186	0.000101	0.000105
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



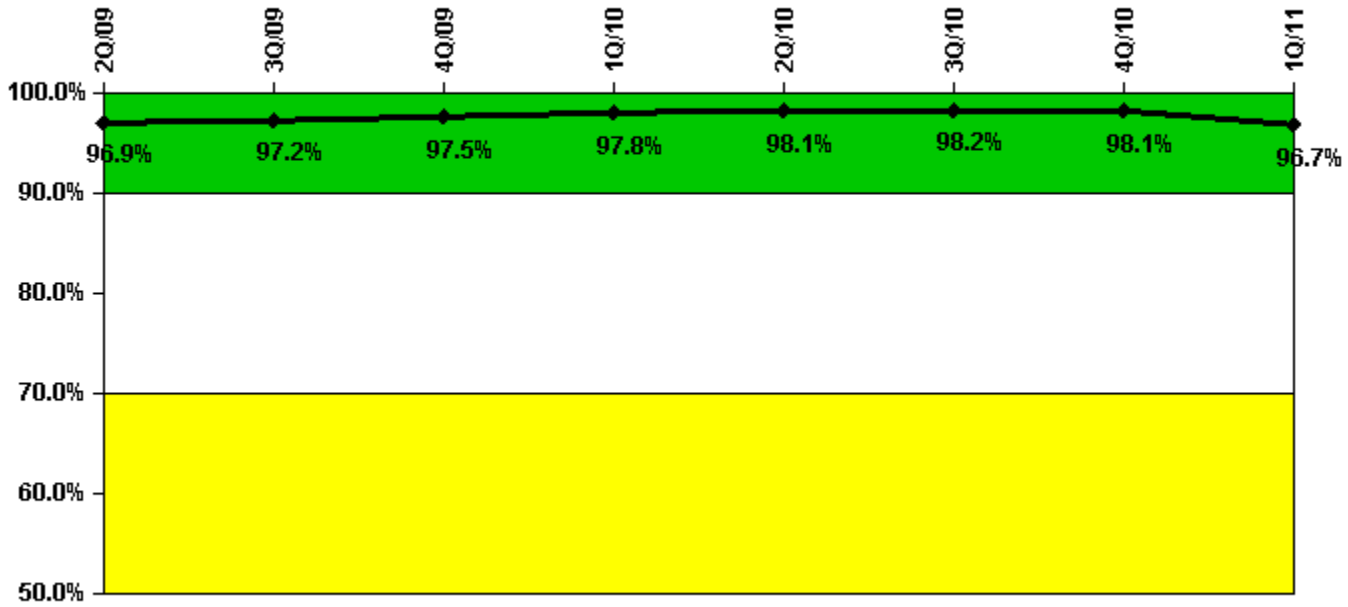
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10
Maximum leakage	0.039	0.030	0.020	0.020	0.020	0.040	0.020	0.030	0.020	0.010	0.010	0.010
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.3	0.2	0.2	0.2	0.4	0.2	0.3	0.2	0.1	0.1	0.1
Reactor Coolant System Leakage	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11
Maximum leakage	0.010	0.010	0.013	0.012	0.014	0.012	N/A	0.016	0.019	0.018	0.030	0.020
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	N/A	0.2	0.2	0.2	0.3	0.2

Licensee Comments: none

Drill/Exercise Performance



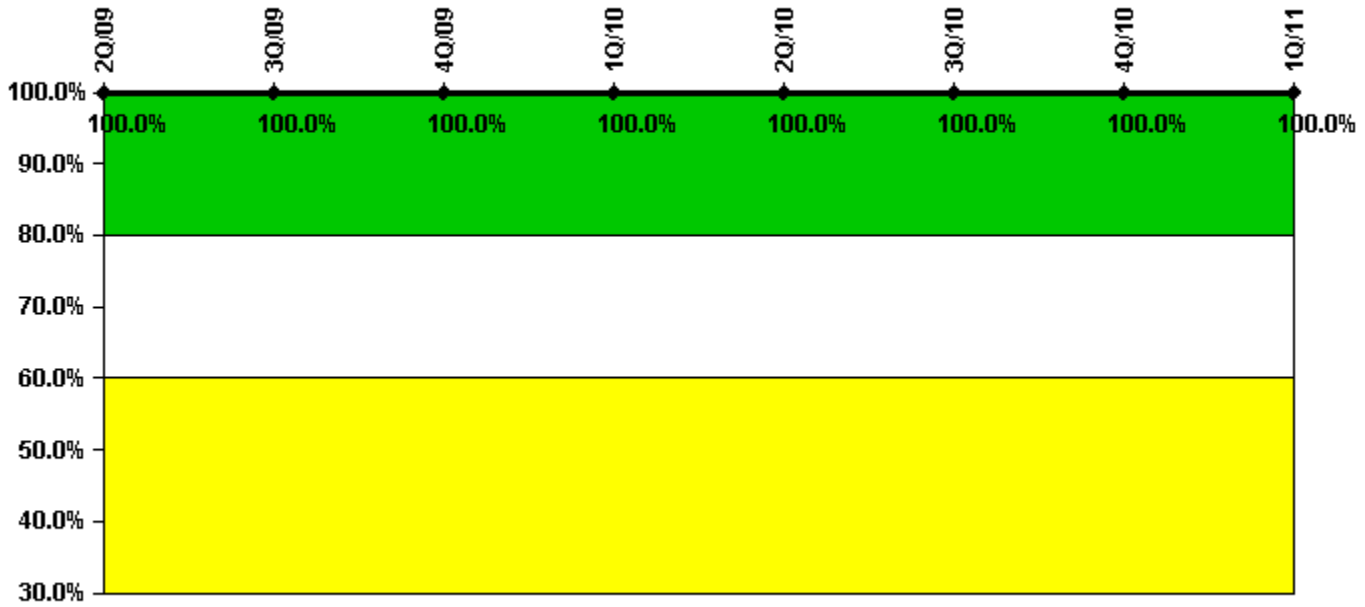
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Successful opportunities	20.0	29.0	46.0	36.0	33.0	27.0	8.0	35.0
Total opportunities	20.0	30.0	47.0	36.0	34.0	28.0	8.0	39.0
Indicator value	96.9%	97.2%	97.5%	97.8%	98.1%	98.2%	98.1%	96.7%

Licensee Comments: none

ERO Drill Participation



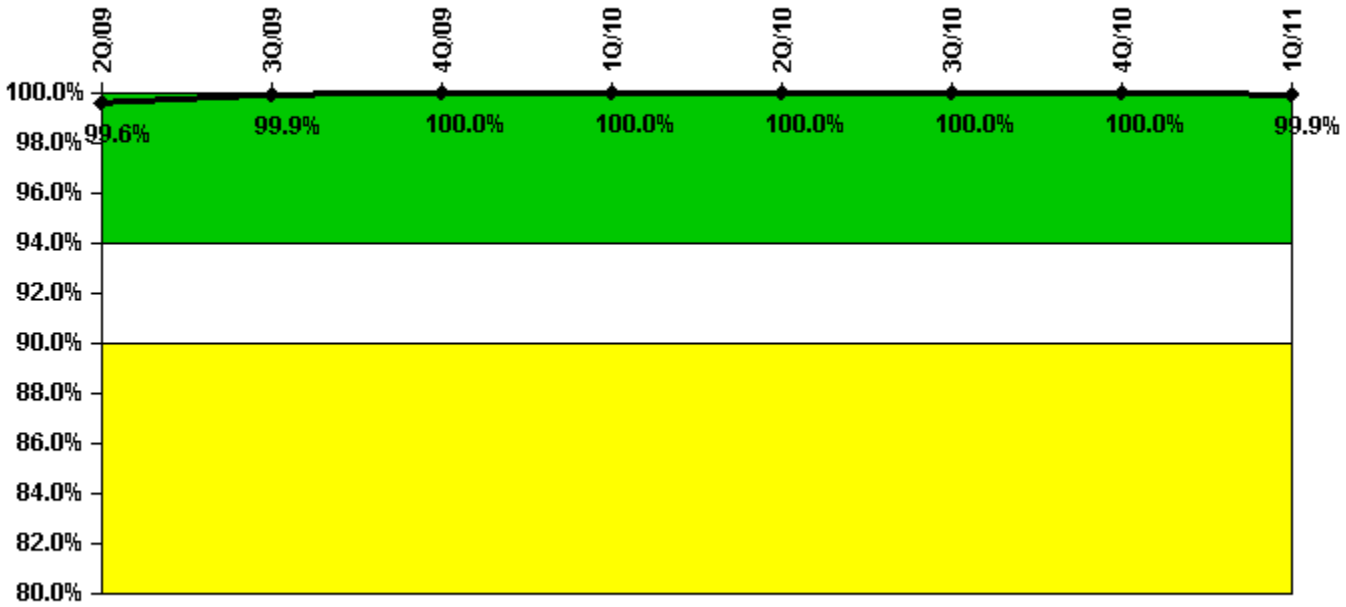
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Participating Key personnel	38.0	47.0	50.0	48.0	52.0	49.0	48.0	42.0
Total Key personnel	38.0	47.0	50.0	48.0	52.0	49.0	48.0	42.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



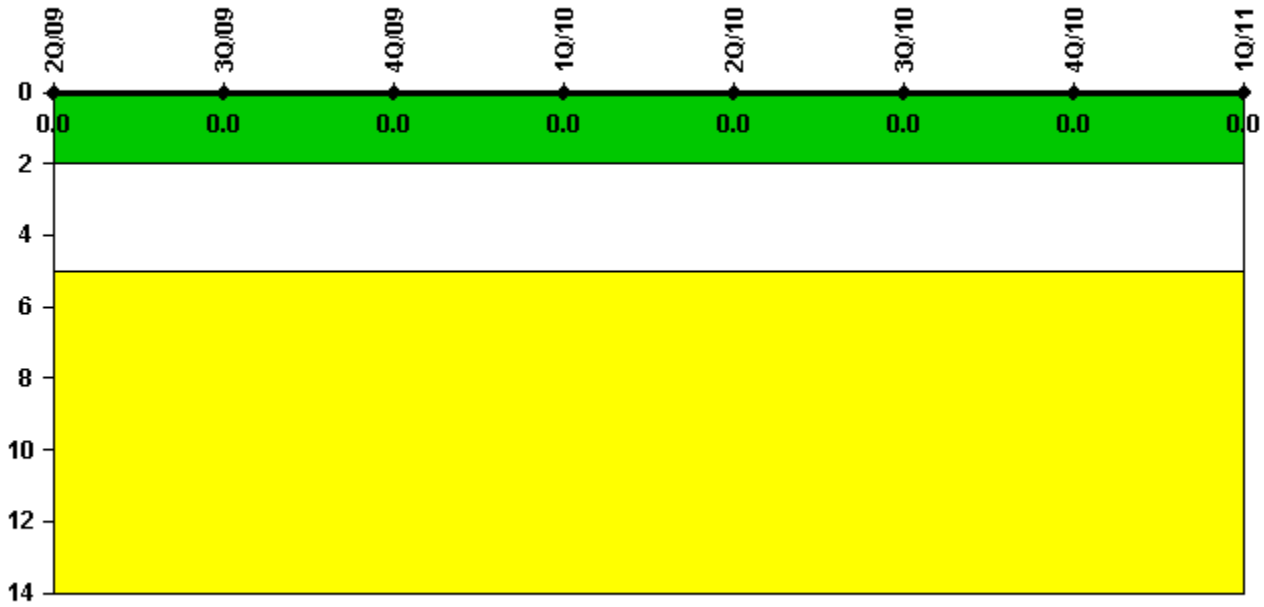
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Successful siren-tests	664	747	581	664	581	747	581	662
Total sirens-tests	664	747	581	664	581	747	581	664
Indicator value	99.6%	99.9%	100.0%	100.0%	100.0%	100.0%	100.0%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



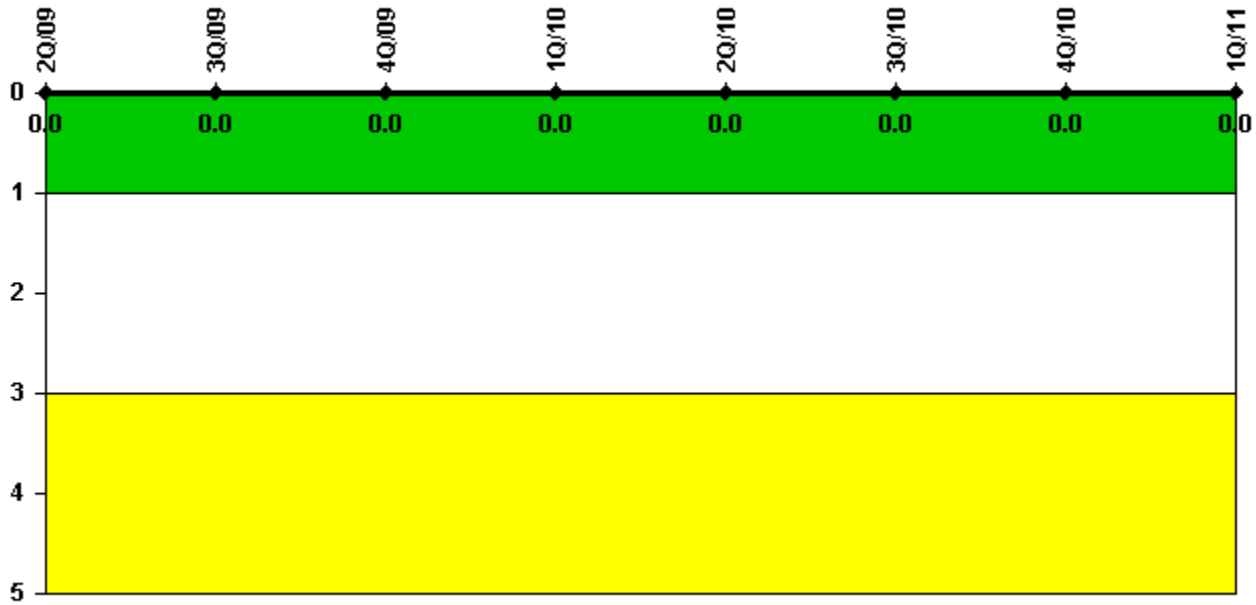
Thresholds: White > 2.0 Yellow > 5.0

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	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/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

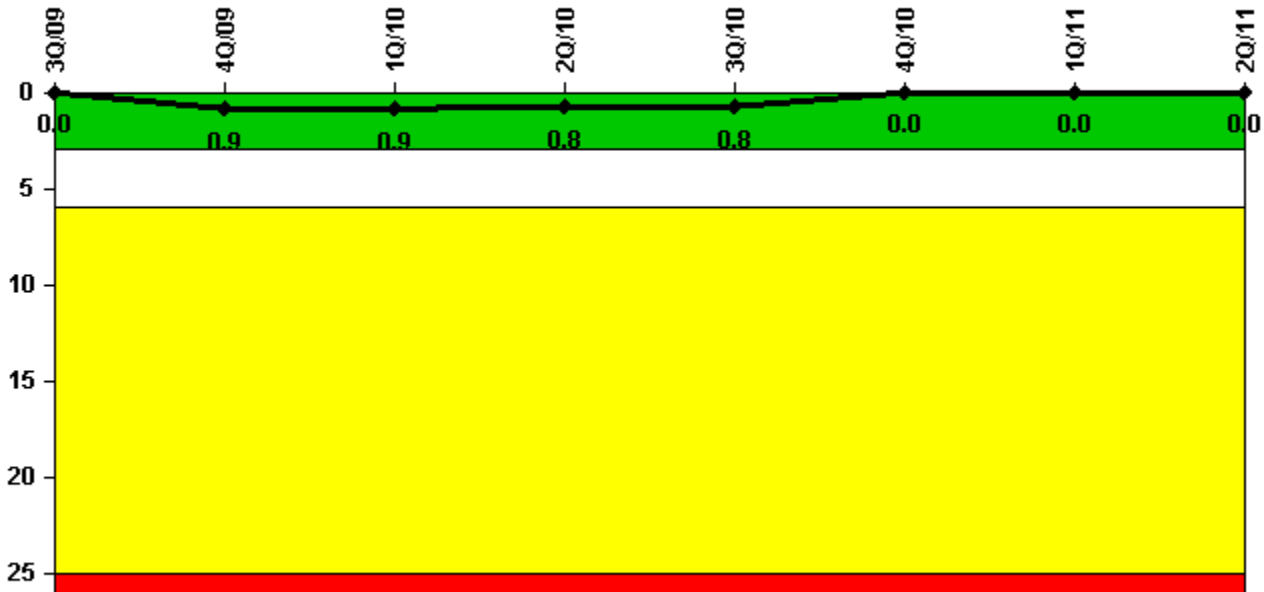
[Security](#) information not publicly available.

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2Q/2011 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



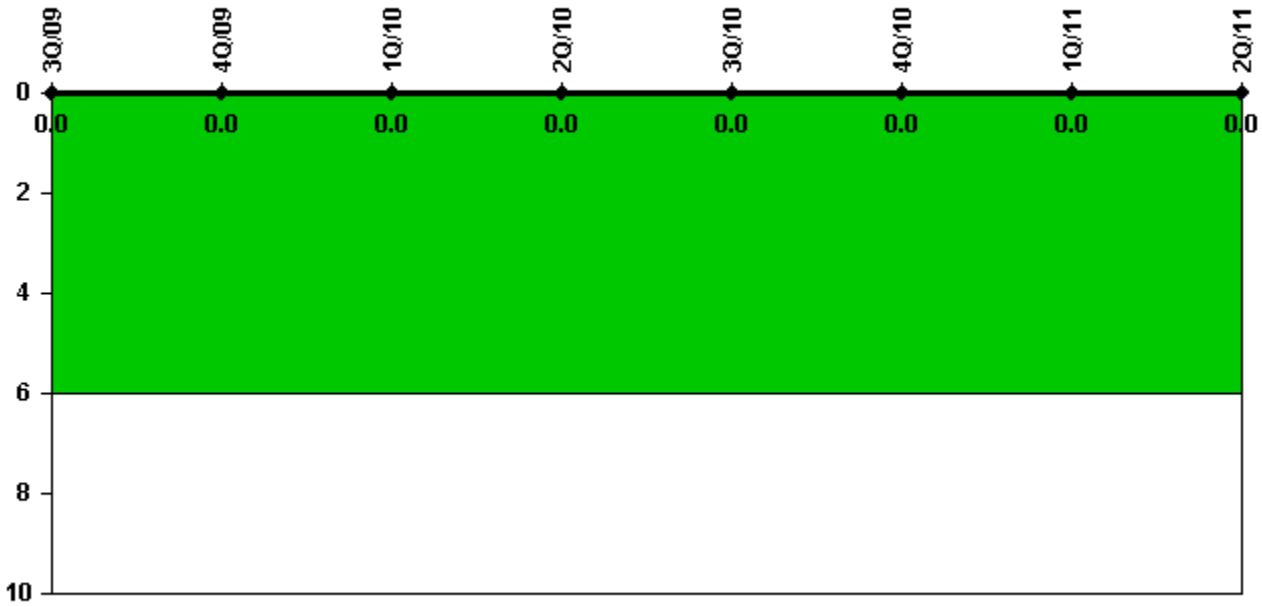
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0	0	0	0
Critical hours	2208.0	2102.5	2159.0	2184.0	2208.0	1249.6	2159.0	2184.0
Indicator value	0	0.9	0.9	0.8	0.8	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



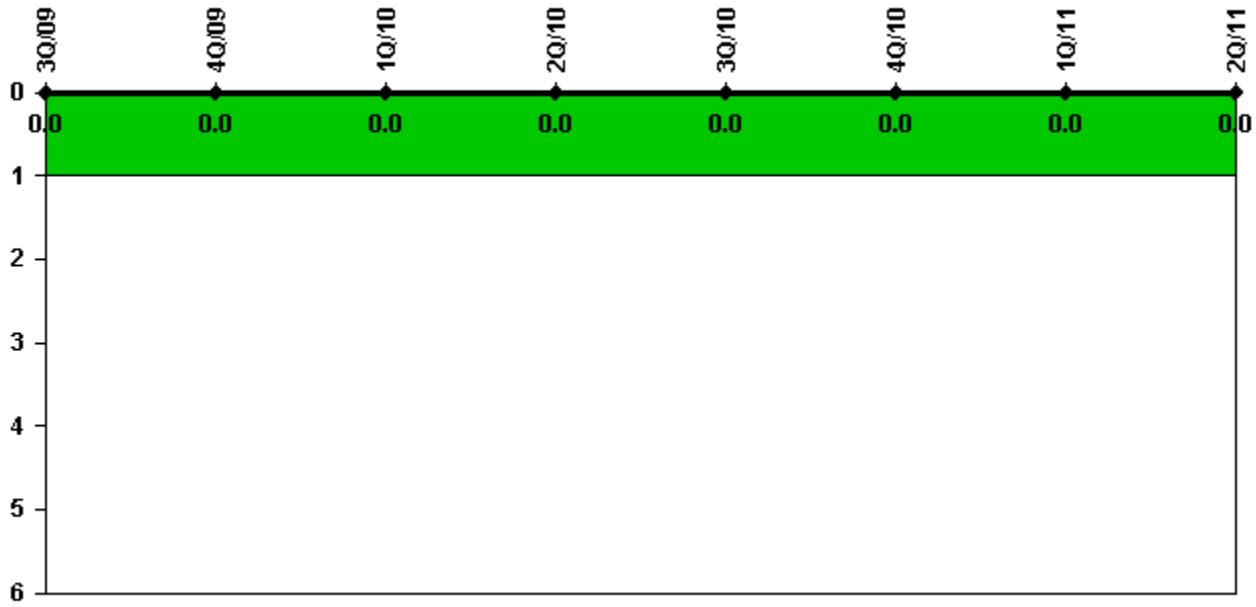
Thresholds: White > 6.0

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	2102.5	2159.0	2184.0	2208.0	1249.6	2159.0	2184.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



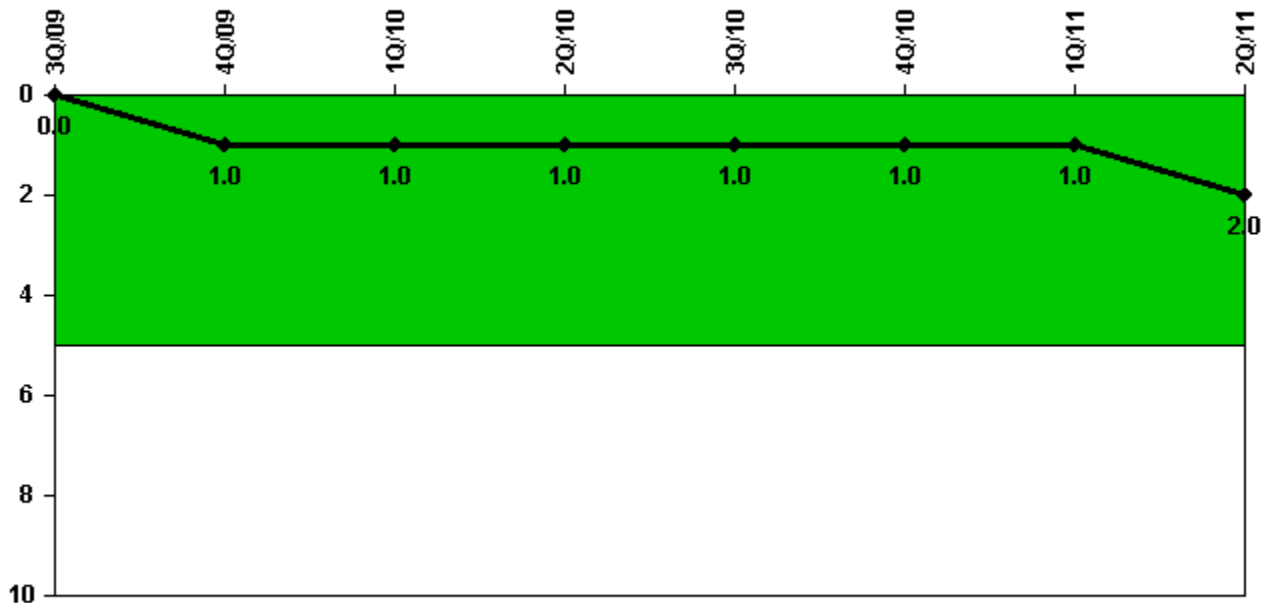
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

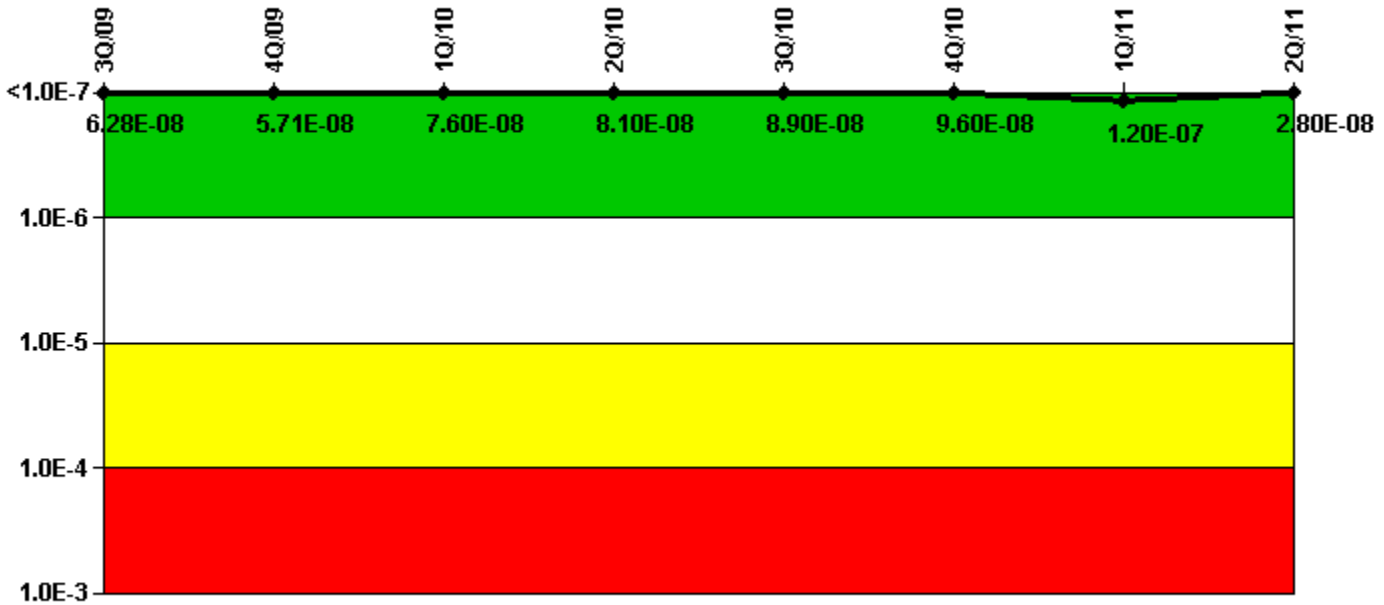
Notes

Safety System Functional Failures (PWR)	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Safety System Functional Failures	0	1	0	0	0	1	0	1
Indicator value	0	1	1	1	1	1	1	2

Licensee Comments:

2Q/11: LER 2010-002-01 was issued to supplement LER 2010-002-00 and describe a Main Steam Isolation Valve that failed to fully close during plant stabilization after a manual Rx trip.

Mitigating Systems Performance Index, Emergency AC Power System



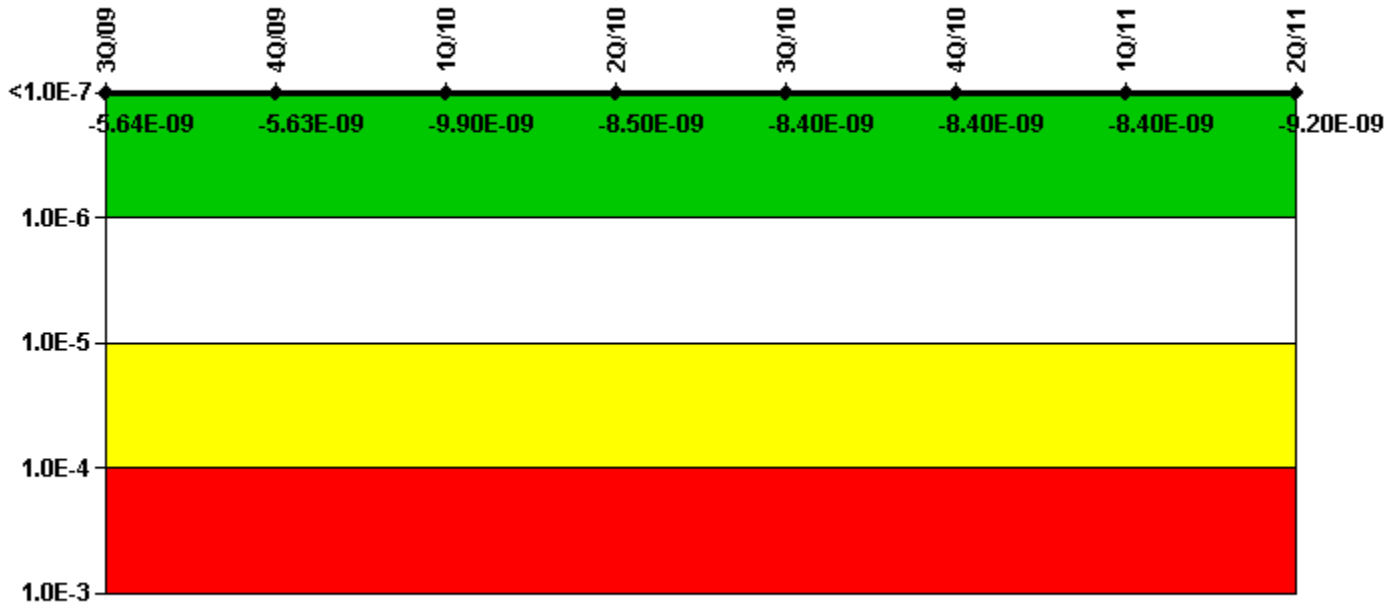
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	6.80E-09	1.10E-09	1.97E-08	2.48E-08	1.67E-08	2.41E-08	5.07E-08	7.93E-09
URI (Δ CDF)	5.60E-08	5.60E-08	5.59E-08	5.59E-08	7.19E-08	7.19E-08	7.19E-08	2.03E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	6.28E-08	5.71E-08	7.60E-08	8.10E-08	8.90E-08	9.60E-08	1.20E-07	2.80E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



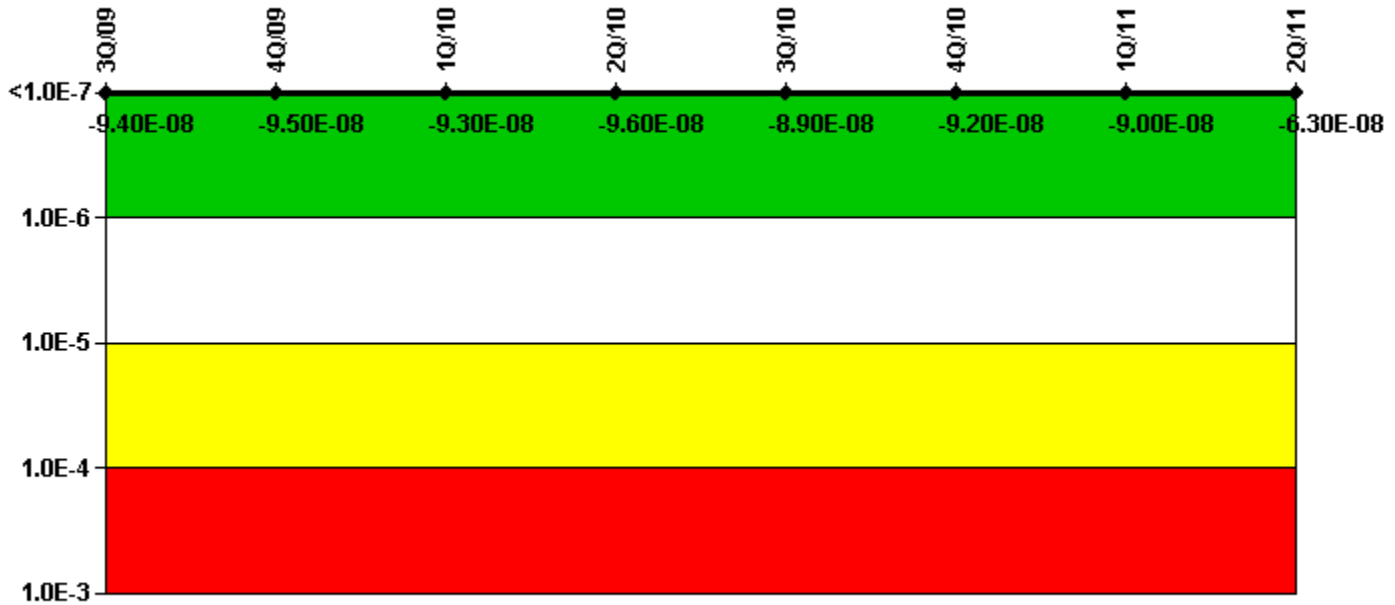
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (Δ CDF)	9.60E-10	9.70E-10	6.72E-10	2.12E-09	2.16E-09	2.22E-09	2.23E-09	6.86E-10
URI (Δ CDF)	-6.60E-09	-6.60E-09	-1.06E-08	-1.06E-08	-1.06E-08	-1.06E-08	-1.06E-08	-9.87E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.64E-09	-5.63E-09	-9.90E-09	-8.50E-09	-8.40E-09	-8.40E-09	-8.40E-09	-9.20E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



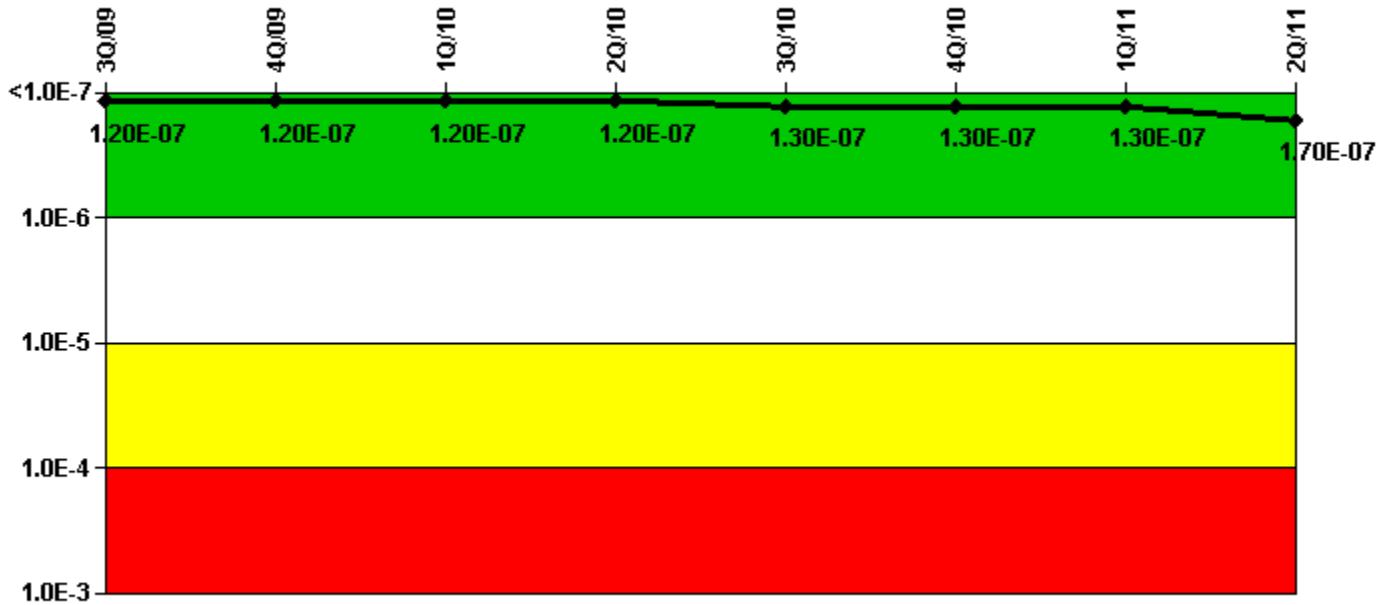
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (Δ CDF)	$-5.77E-10$	$-2.05E-09$	$-1.46E-09$	$-4.73E-09$	$1.04E-09$	$-2.94E-09$	$-1.66E-09$	$1.04E-08$
URI (Δ CDF)	$-9.31E-08$	$-9.25E-08$	$-9.19E-08$	$-9.13E-08$	$-8.98E-08$	$-8.91E-08$	$-8.84E-08$	$-7.39E-08$
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	$-9.40E-08$	$-9.50E-08$	$-9.30E-08$	$-9.60E-08$	$-8.90E-08$	$-9.20E-08$	$-9.00E-08$	$-6.30E-08$

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



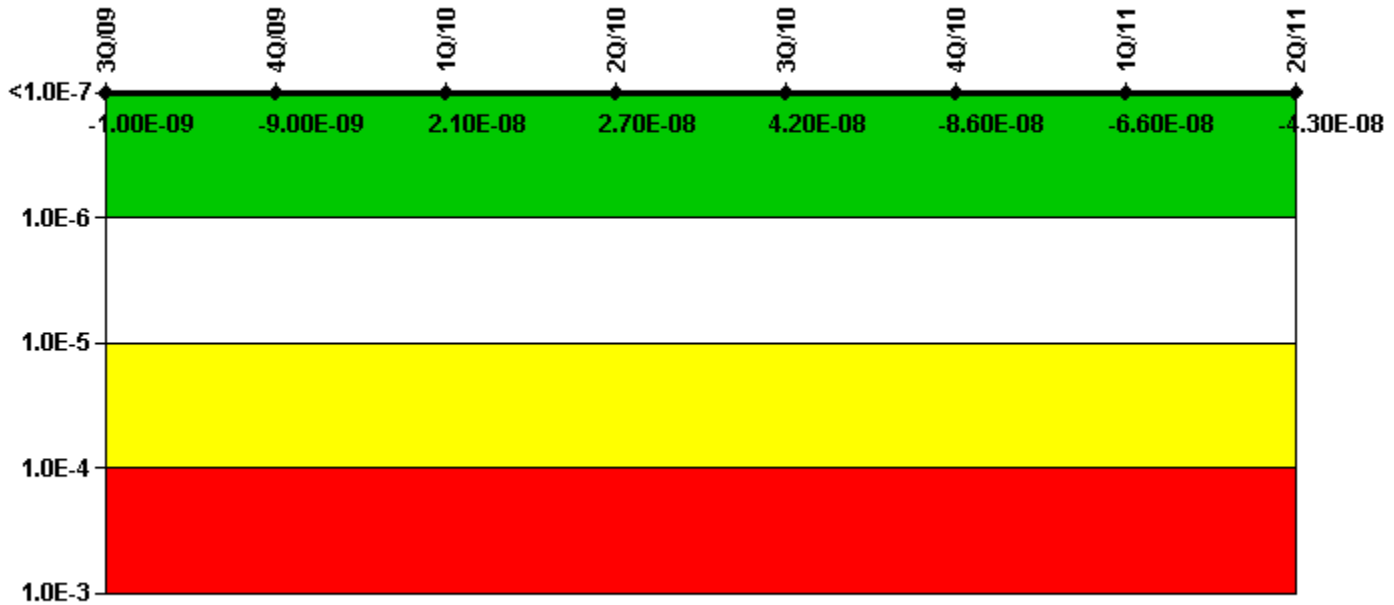
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (Δ CDF)	-9.78E-10	1.02E-09	-1.76E-09	-1.68E-09	4.80E-10	2.99E-09	3.02E-09	3.68E-09
URI (Δ CDF)	1.19E-07	1.21E-07	1.23E-07	1.25E-07	1.27E-07	1.29E-07	1.31E-07	1.64E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.20E-07	1.20E-07	1.20E-07	1.20E-07	1.30E-07	1.30E-07	1.30E-07	1.70E-07

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



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

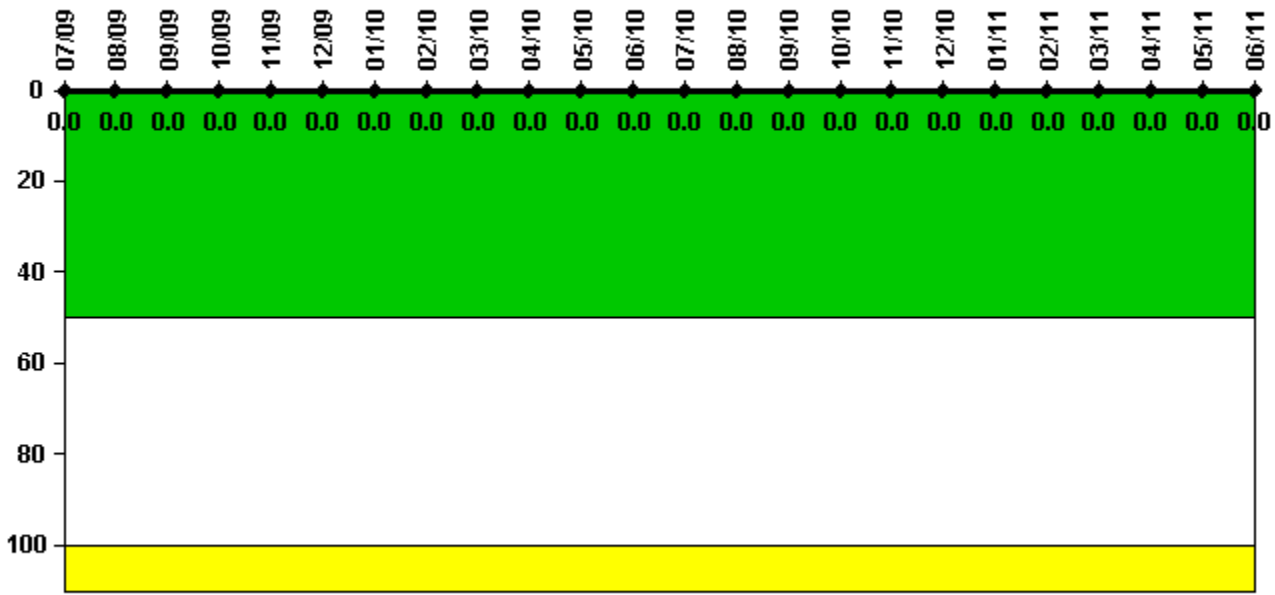
Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (Δ CDF)	5.60E-08	5.20E-08	8.62E-08	9.63E-08	1.14E-07	1.06E-07	1.28E-07	6.40E-08
URI (Δ CDF)	-5.70E-08	-6.10E-08	-6.54E-08	-6.93E-08	-7.26E-08	-1.92E-07	-1.93E-07	-1.07E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.00E-09	-9.00E-09	2.10E-08	2.70E-08	4.20E-08	-8.60E-08	-6.60E-08	-4.30E-08

Licensee Comments:

2Q/11: Corrected data has been submitted for B ESW as it has been determined in an evaluation that no unavailability occurred as a result of the previously reported event. No color change results from this corrected data.

Reactor Coolant System Activity



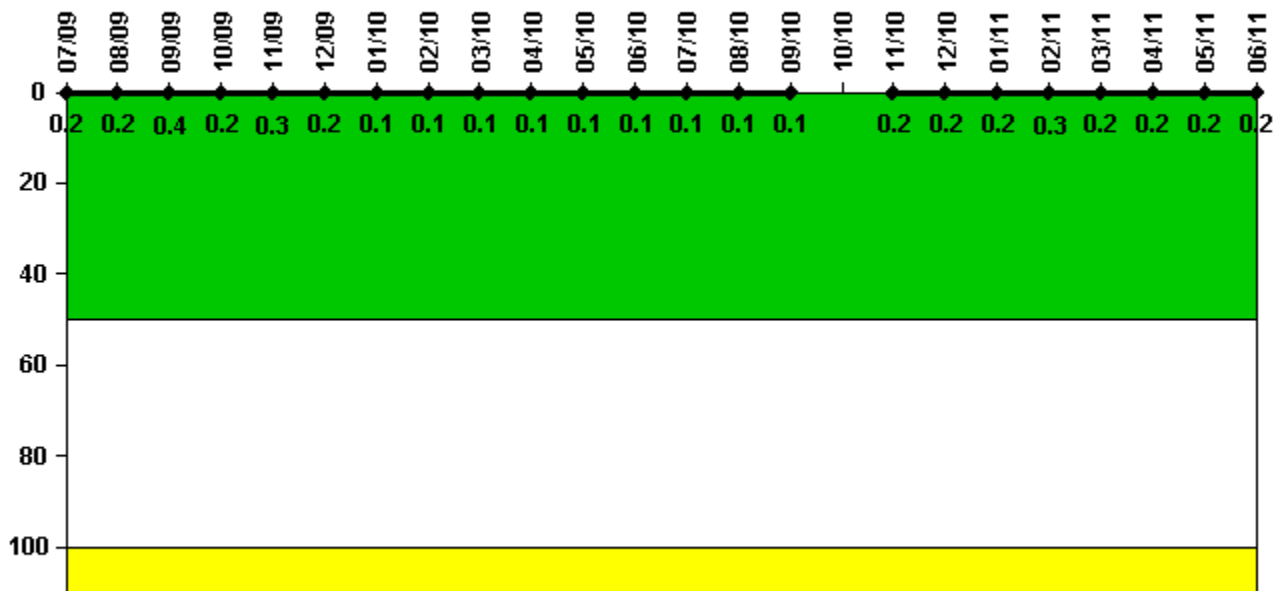
Thresholds: White > 50.0 Yellow > 100.0

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	0.000070	0.000427	0.000089	0.000099	0.000102	0.000116	0.000127	0.000129	0.000134	0.000141	0.000150	0.000155
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11	4/11	5/11	6/11
Maximum activity	0.000162	0.000169	0.000173	0.000160	0.000085	0.000162	0.000186	0.000101	0.000105	0.000113	0.000403	0.000119
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



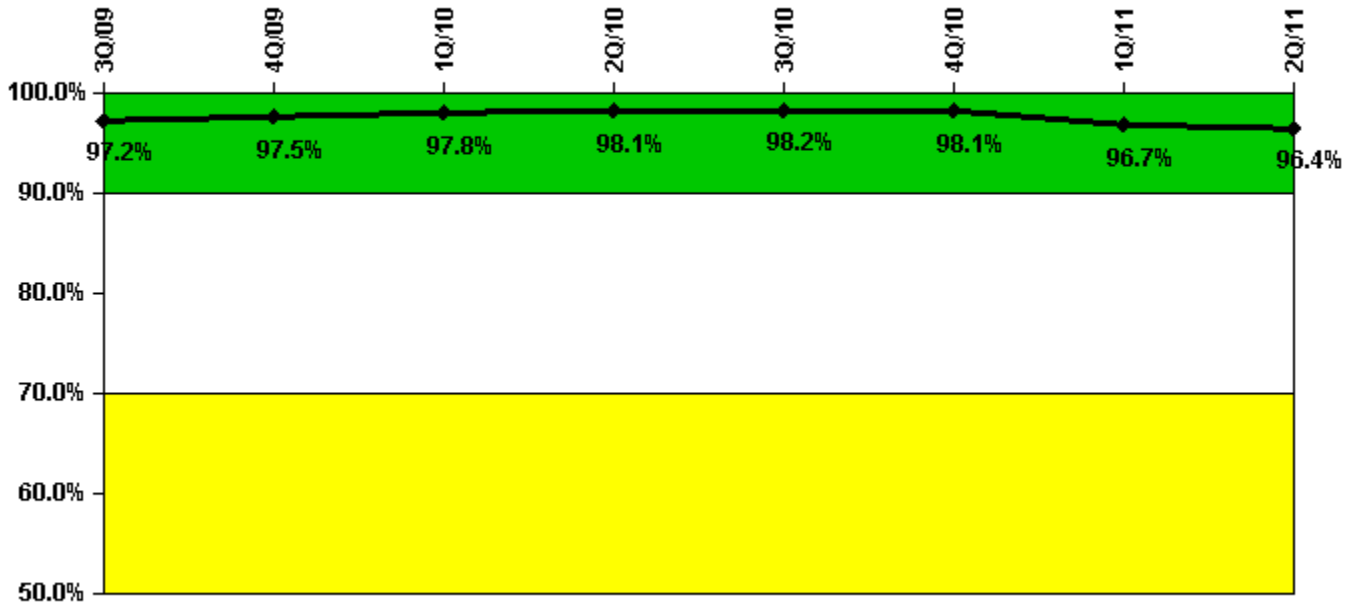
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10	4/10	5/10	6/10
Maximum leakage	0.020	0.020	0.040	0.020	0.030	0.020	0.010	0.010	0.010	0.010	0.010	0.013
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.2	0.4	0.2	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1
Reactor Coolant System Leakage	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11	4/11	5/11	6/11
Maximum leakage	0.012	0.014	0.012	N/A	0.016	0.019	0.018	0.030	0.020	0.019	0.019	0.017
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.1	0.1	N/A	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2

Licensee Comments: none

Drill/Exercise Performance



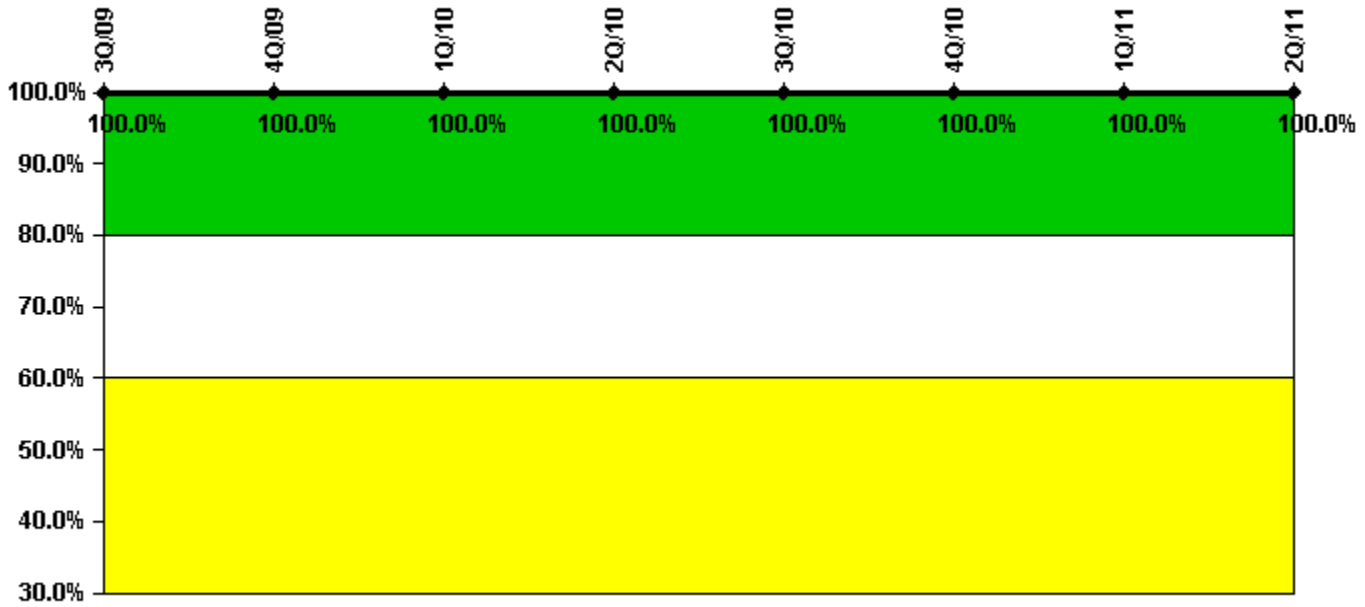
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Successful opportunities	29.0	46.0	36.0	33.0	27.0	8.0	35.0	29.0
Total opportunities	30.0	47.0	36.0	34.0	28.0	8.0	39.0	30.0
Indicator value	97.2%	97.5%	97.8%	98.1%	98.2%	98.1%	96.7%	96.4%

Licensee Comments: none

ERO Drill Participation



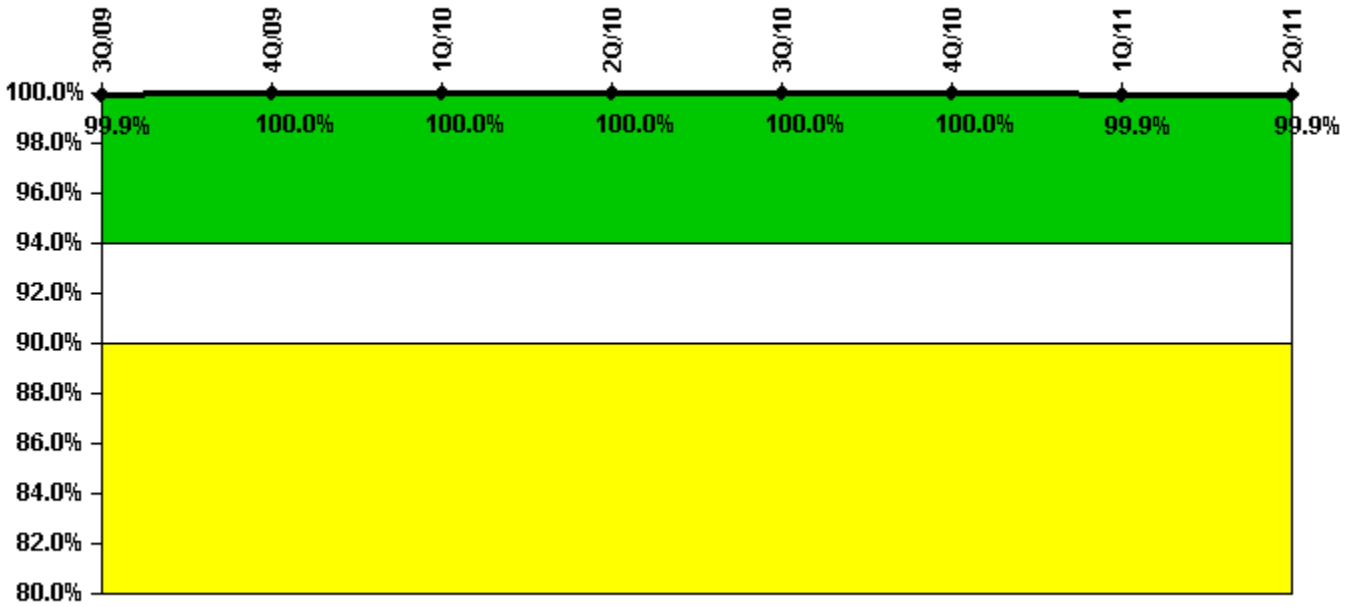
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Participating Key personnel	47.0	50.0	48.0	52.0	49.0	48.0	42.0	46.0
Total Key personnel	47.0	50.0	48.0	52.0	49.0	48.0	42.0	46.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



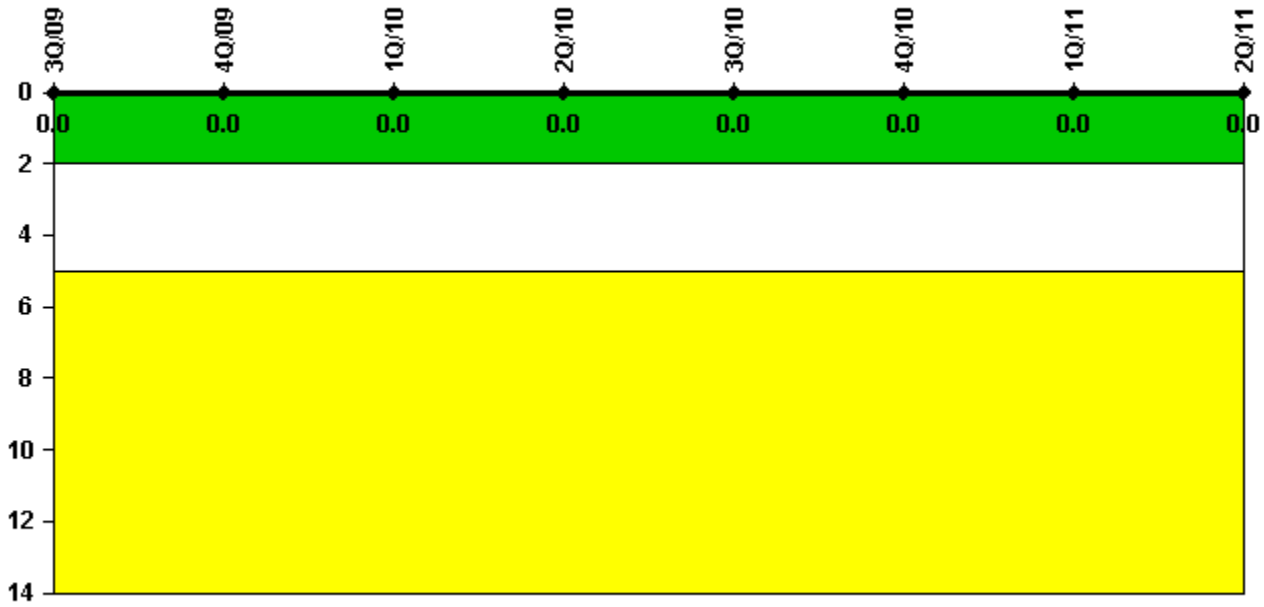
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Successful siren-tests	747	581	664	581	747	581	662	581
Total sirens-tests	747	581	664	581	747	581	664	581
Indicator value	99.9%	100.0%	100.0%	100.0%	100.0%	100.0%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



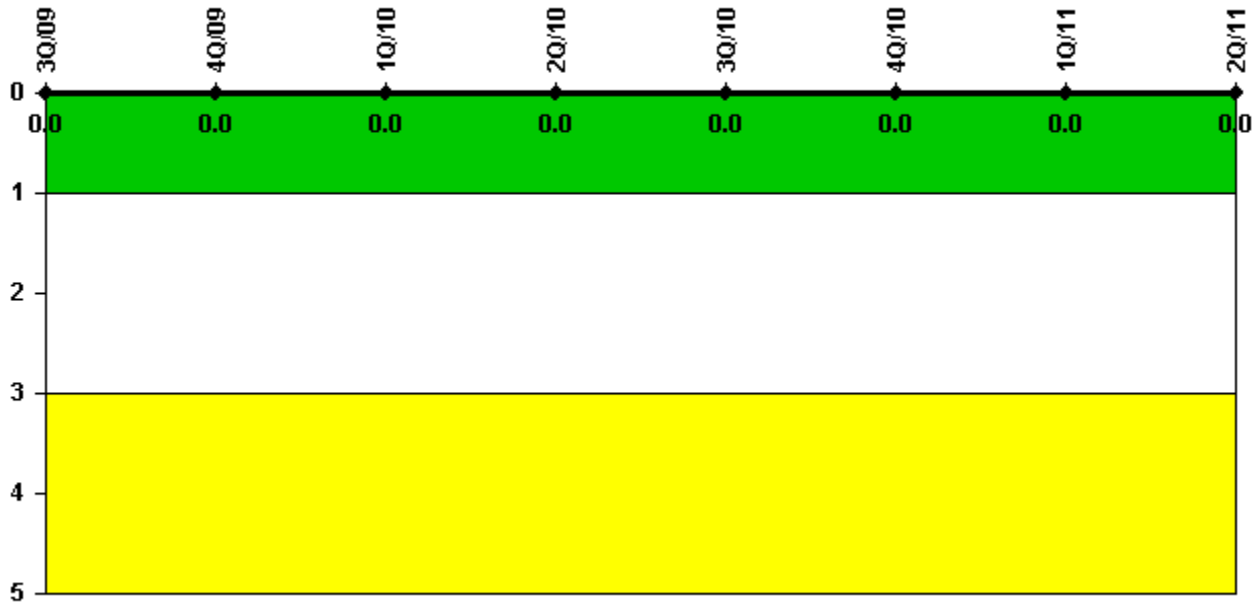
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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	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/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

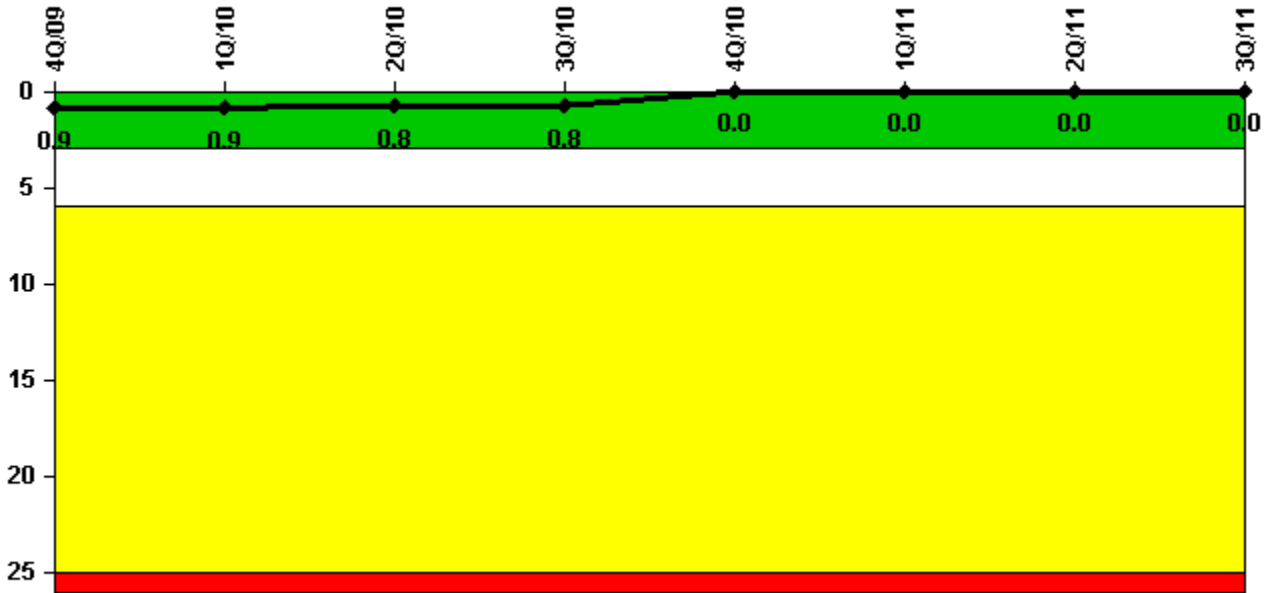
[Security](#) information not publicly available.

Harris 1

3Q/2011 Performance Indicators

Licensee's General Comments: Corrected data has been submitted for EAC Planned unavailability for July 2010, March 2011, April 2011, May 2011, June 2011. No color change as a result of this updated data.

Unplanned Scrams per 7000 Critical Hrs



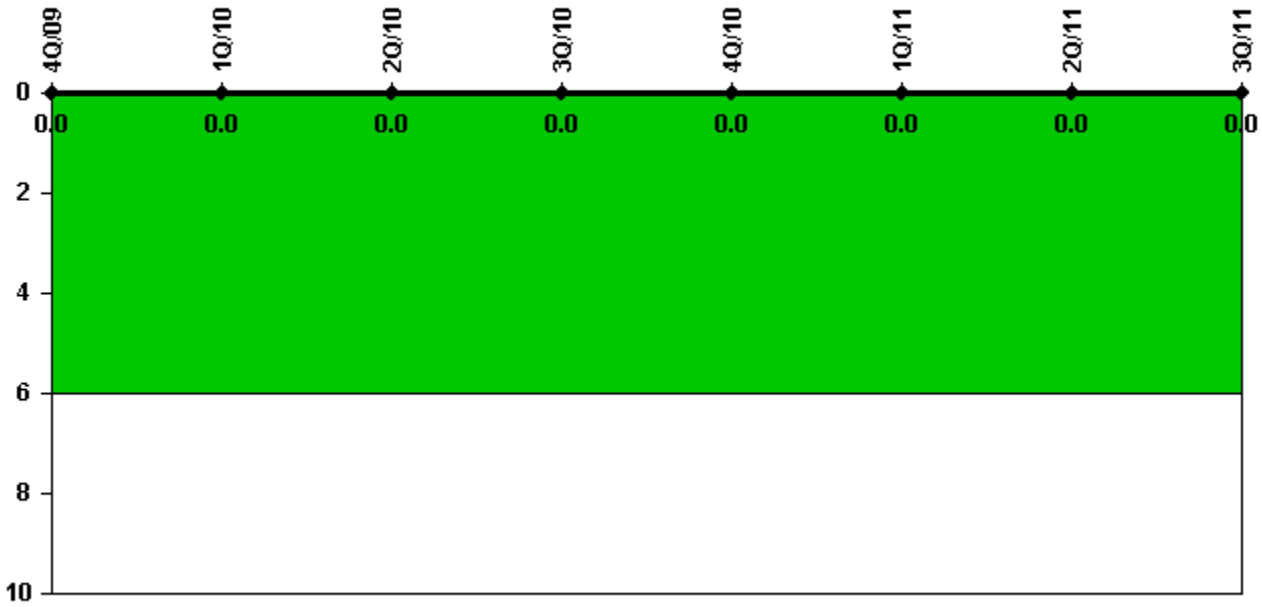
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Unplanned scrams	1.0	0	0	0	0	0	0	0
Critical hours	2102.5	2159.0	2184.0	2208.0	1249.6	2159.0	2184.0	2208.0
Indicator value	0.9	0.9	0.8	0.8	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



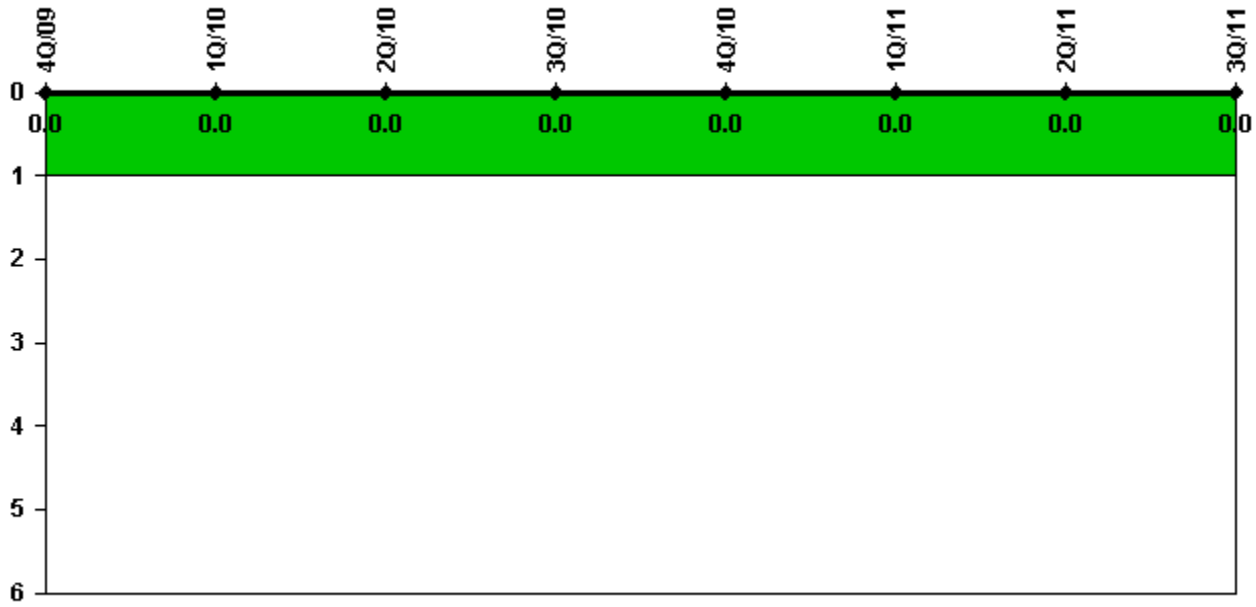
Thresholds: White > 6.0

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	2102.5	2159.0	2184.0	2208.0	1249.6	2159.0	2184.0	2208.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



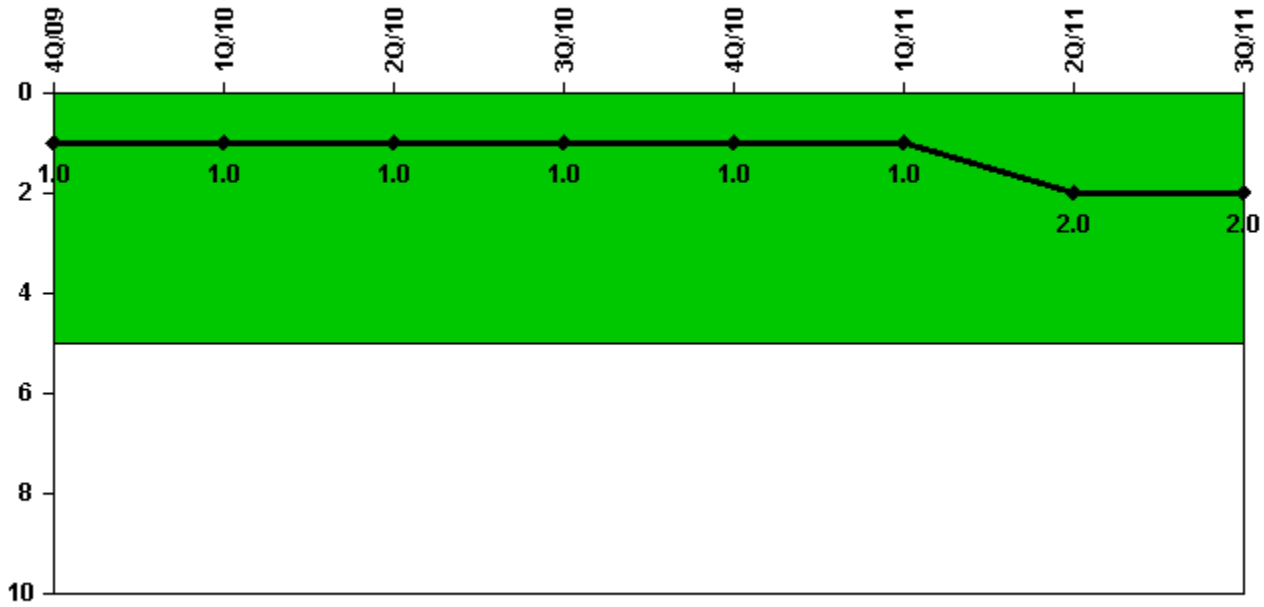
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	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 (PWR)



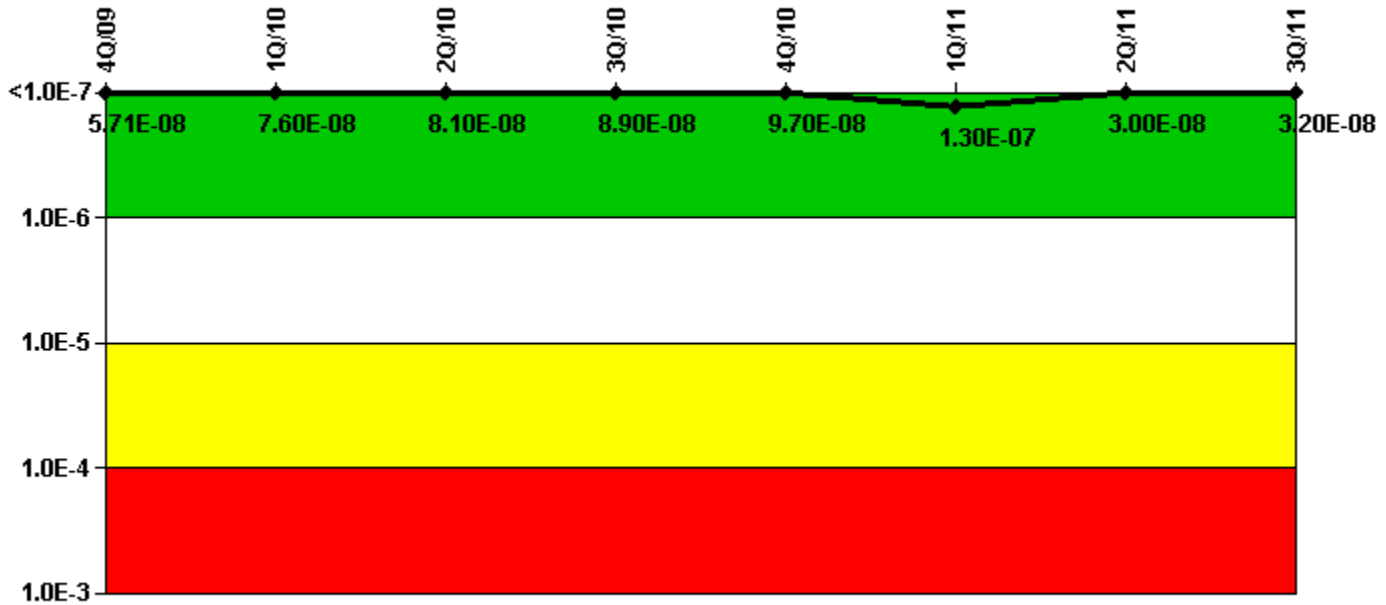
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Safety System Functional Failures	1	0	0	0	1	0	1	0
Indicator value	1	1	1	1	1	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

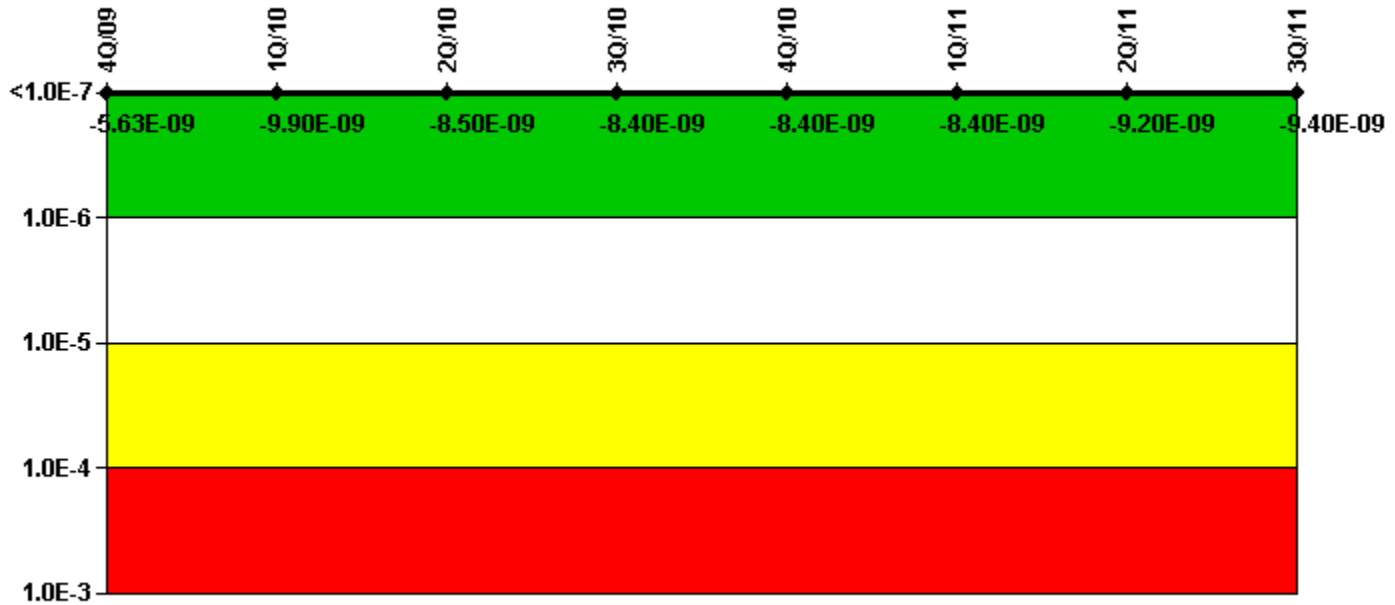
Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (Δ CDF)	1.10E-09	1.97E-08	2.48E-08	1.76E-08	2.50E-08	5.44E-08	9.27E-09	1.13E-08
URI (Δ CDF)	5.60E-08	5.59E-08	5.59E-08	7.19E-08	7.19E-08	7.19E-08	2.03E-08	2.03E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	5.71E-08	7.60E-08	8.10E-08	8.90E-08	9.70E-08	1.30E-07	3.00E-08	3.20E-08

Licensee Comments:

3Q/11: Corrected data has been submitted for EAC Planned unavailability for July 2010, March 2011, April 2011, May 2011, June 2011. No color change as a result of this updated data.

Mitigating Systems Performance Index, High Pressure Injection System



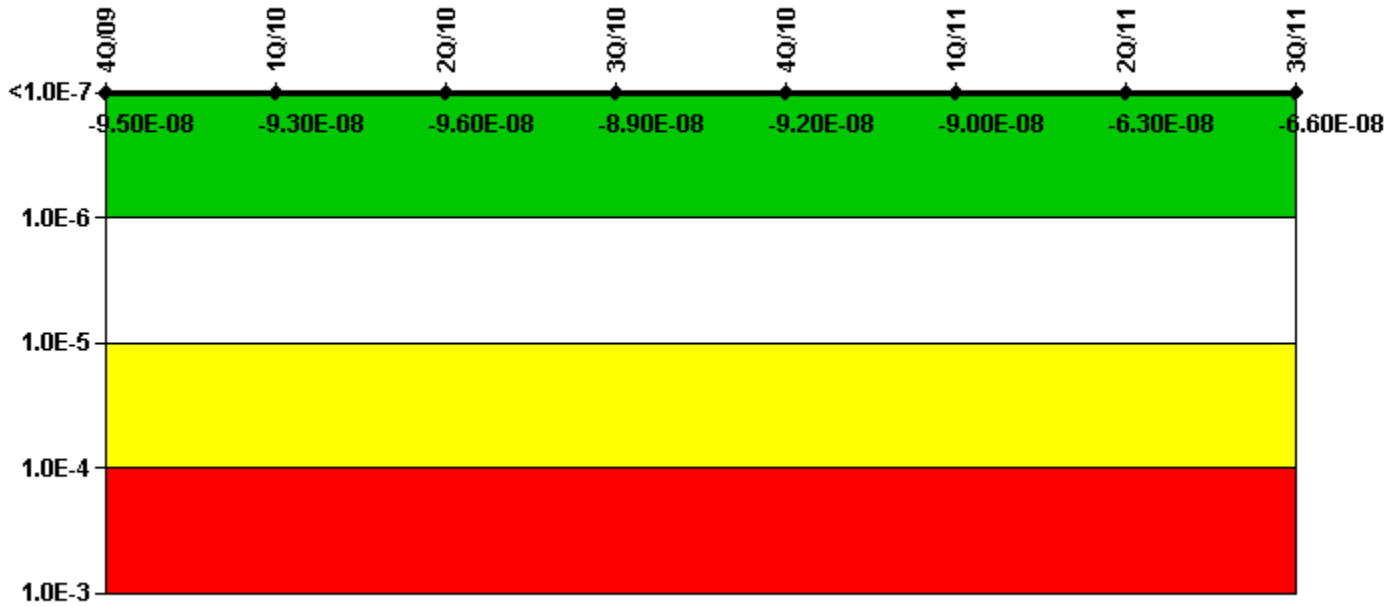
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	9.70E-10	6.72E-10	2.12E-09	2.16E-09	2.22E-09	2.23E-09	6.86E-10	6.70E-10
URI (Δ CDF)	-6.60E-09	-1.06E-08	-1.06E-08	-1.06E-08	-1.06E-08	-1.06E-08	-9.87E-09	-1.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.63E-09	-9.90E-09	-8.50E-09	-8.40E-09	-8.40E-09	-8.40E-09	-9.20E-09	-9.40E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



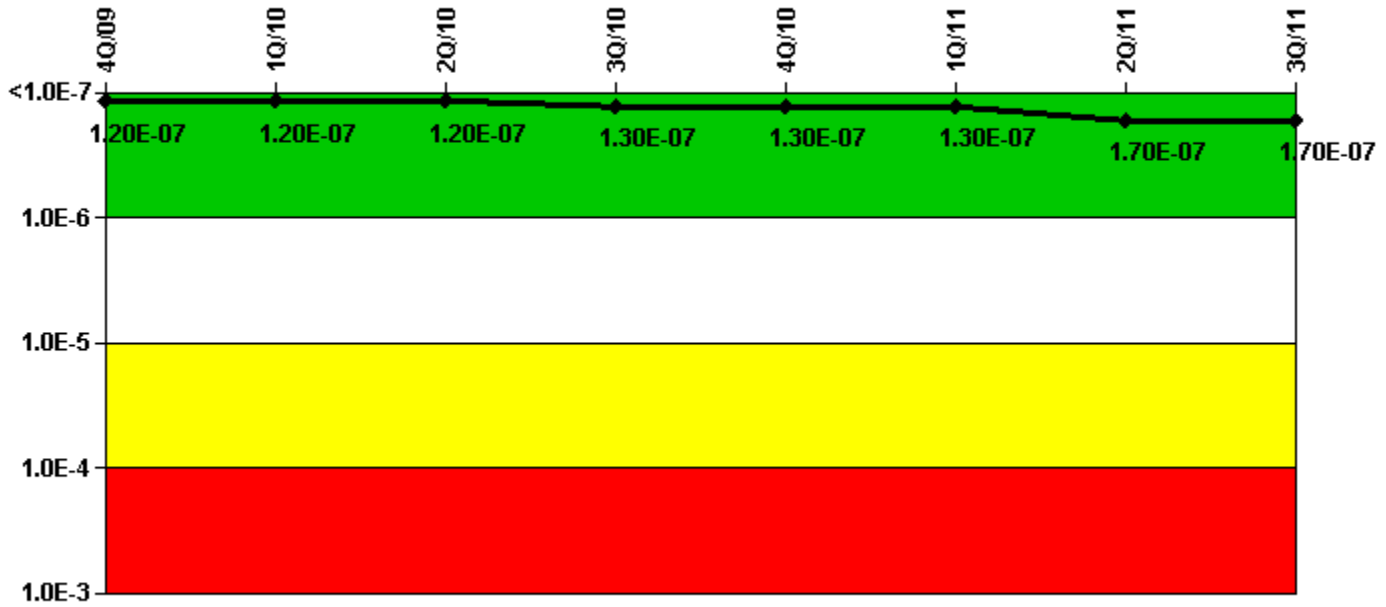
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (Δ CDF)	-2.05E-09	-1.46E-09	-4.73E-09	1.04E-09	-2.94E-09	-1.66E-09	1.04E-08	7.60E-09
URI (Δ CDF)	-9.25E-08	-9.19E-08	-9.13E-08	-8.98E-08	-8.91E-08	-8.84E-08	-7.39E-08	-7.39E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-9.50E-08	-9.30E-08	-9.60E-08	-8.90E-08	-9.20E-08	-9.00E-08	-6.30E-08	-6.60E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



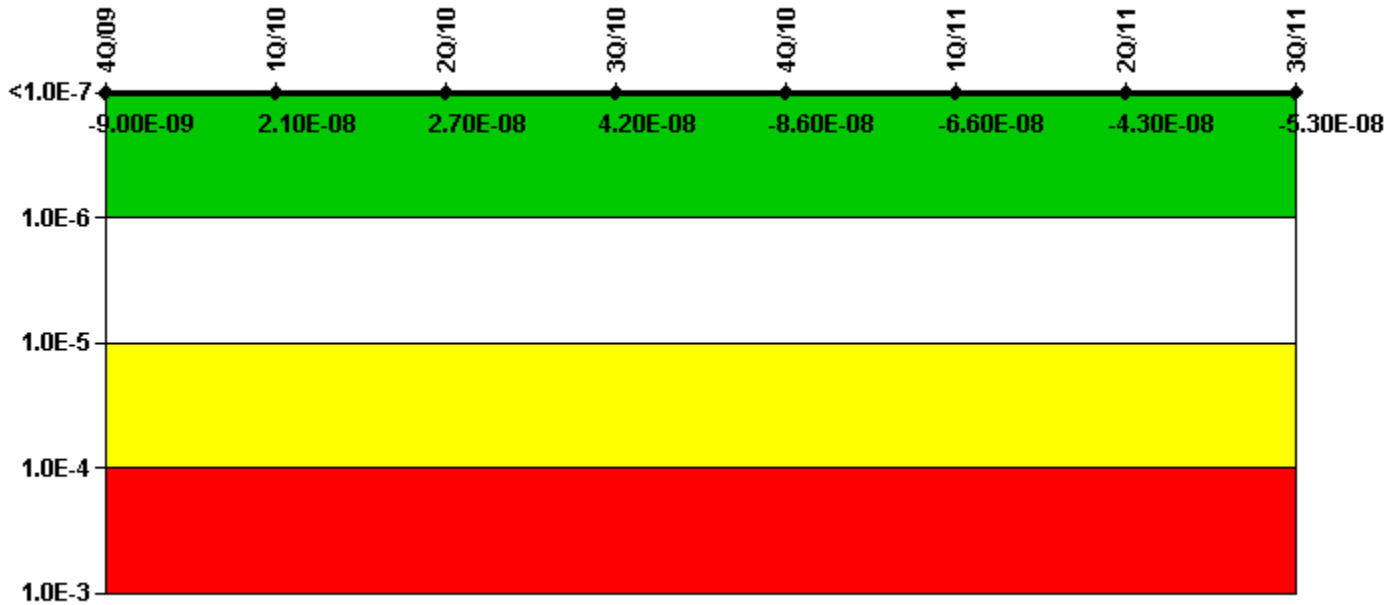
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (Δ CDF)	1.02E-09	-1.76E-09	-1.68E-09	4.80E-10	2.99E-09	3.02E-09	3.68E-09	4.49E-09
URI (Δ CDF)	1.21E-07	1.23E-07	1.25E-07	1.27E-07	1.29E-07	1.31E-07	1.64E-07	1.64E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.20E-07	1.20E-07	1.20E-07	1.30E-07	1.30E-07	1.30E-07	1.70E-07	1.70E-07

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



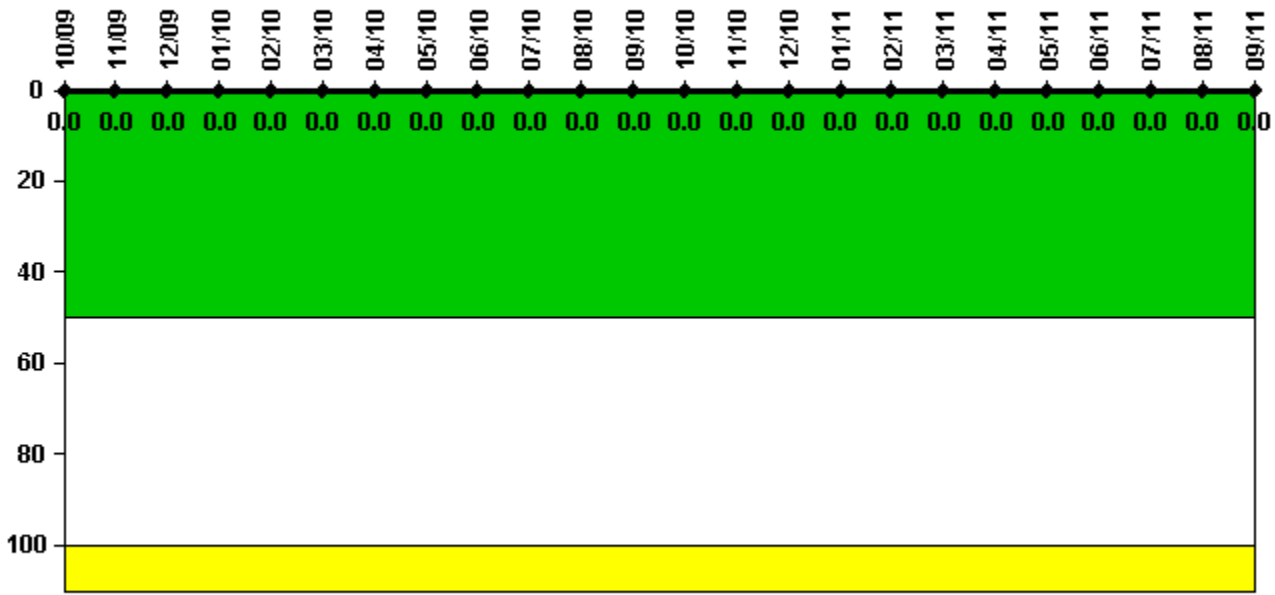
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (Δ CDF)	5.20E-08	8.62E-08	9.63E-08	1.14E-07	1.06E-07	1.28E-07	6.40E-08	5.32E-08
URI (Δ CDF)	-6.10E-08	-6.54E-08	-6.93E-08	-7.26E-08	-1.92E-07	-1.93E-07	-1.07E-07	-1.07E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-9.00E-09	2.10E-08	2.70E-08	4.20E-08	-8.60E-08	-6.60E-08	-4.30E-08	-5.30E-08

Licensee Comments: none

Reactor Coolant System Activity



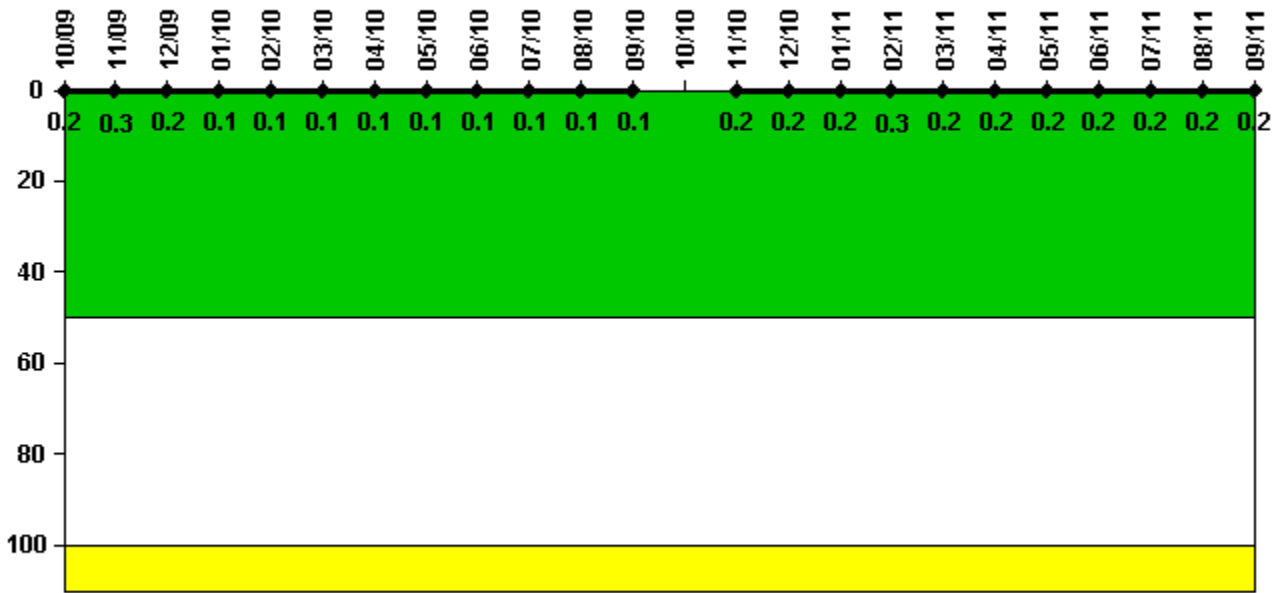
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/09	11/09	12/09	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10
Maximum activity	0.000099	0.000102	0.000116	0.000127	0.000129	0.000134	0.000141	0.000150	0.000155	0.000162	0.000169	0.000173
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	10/10	11/10	12/10	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11
Maximum activity	0.000160	0.000085	0.000162	0.000186	0.000101	0.000105	0.000113	0.000403	0.000119	0.000126	0.000127	0.000130
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



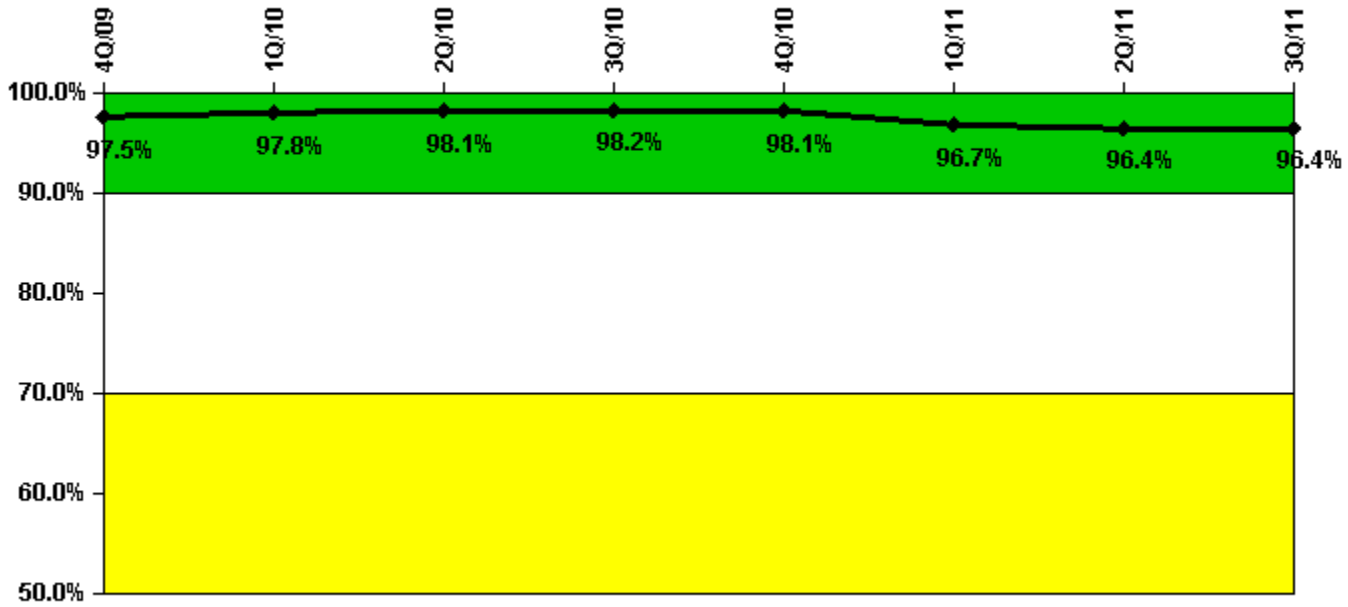
Thresholds: White > 50.0 Yellow > 100.0

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	0.020	0.030	0.020	0.010	0.010	0.010	0.010	0.010	0.013	0.012	0.014	0.012
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
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	N/A	0.016	0.019	0.018	0.030	0.020	0.019	0.019	0.017	0.019	0.018	0.017
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	N/A	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2

Licensee Comments: none

Drill/Exercise Performance



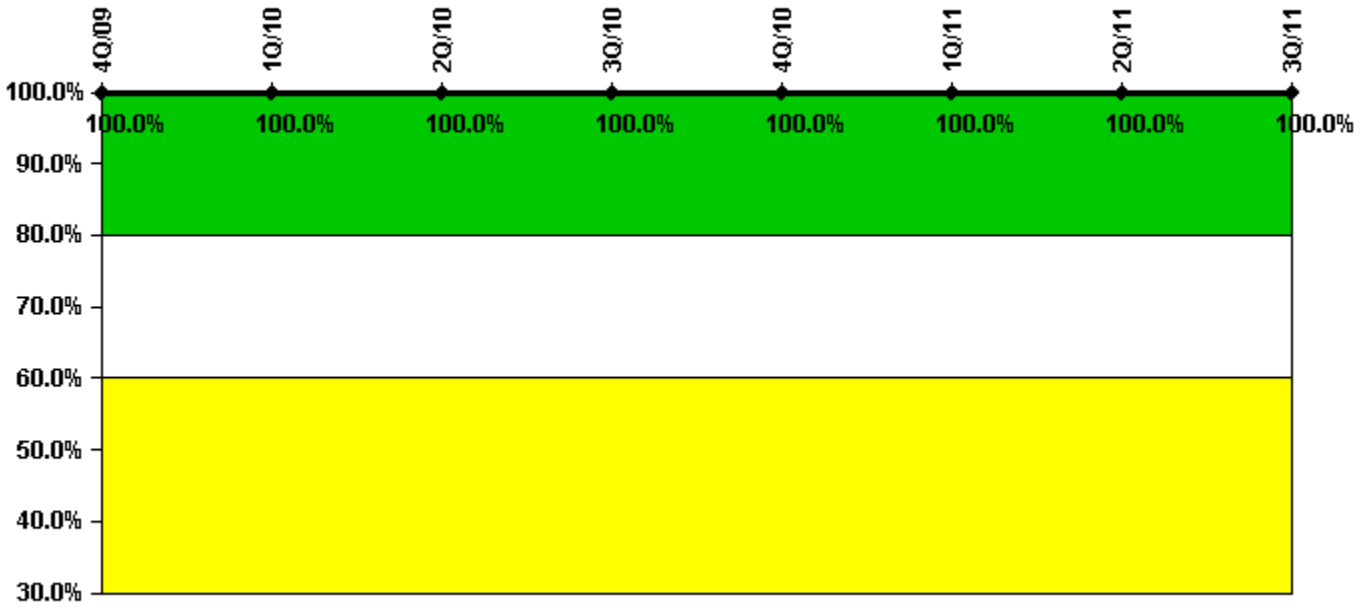
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Successful opportunities	46.0	36.0	33.0	27.0	8.0	35.0	29.0	24.0
Total opportunities	47.0	36.0	34.0	28.0	8.0	39.0	30.0	25.0
Indicator value	97.5%	97.8%	98.1%	98.2%	98.1%	96.7%	96.4%	96.4%

Licensee Comments: none

ERO Drill Participation



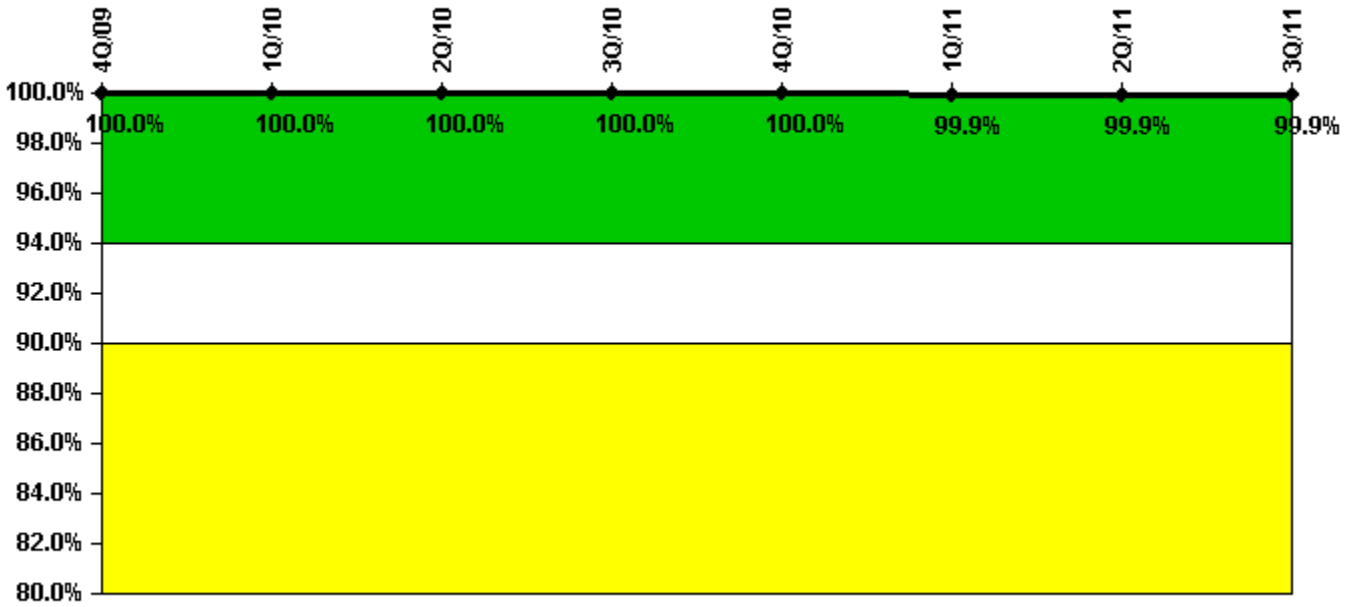
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Participating Key personnel	50.0	48.0	52.0	49.0	48.0	42.0	46.0	47.0
Total Key personnel	50.0	48.0	52.0	49.0	48.0	42.0	46.0	47.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



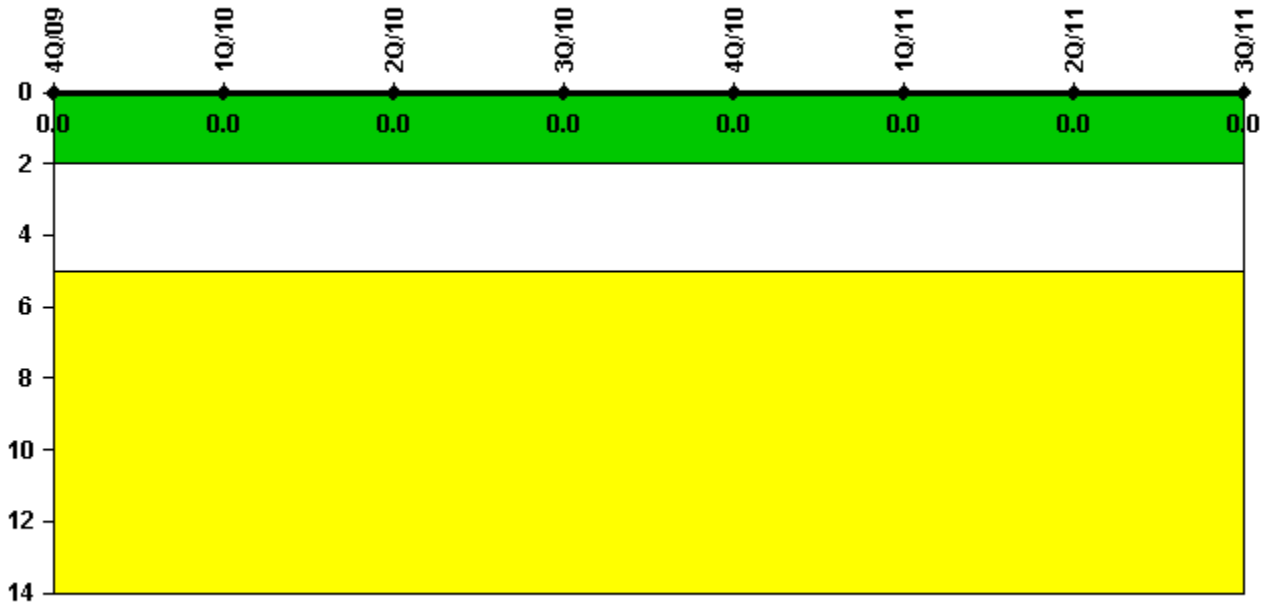
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Successful siren-tests	581	664	581	747	581	662	581	746
Total sirens-tests	581	664	581	747	581	664	581	747
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



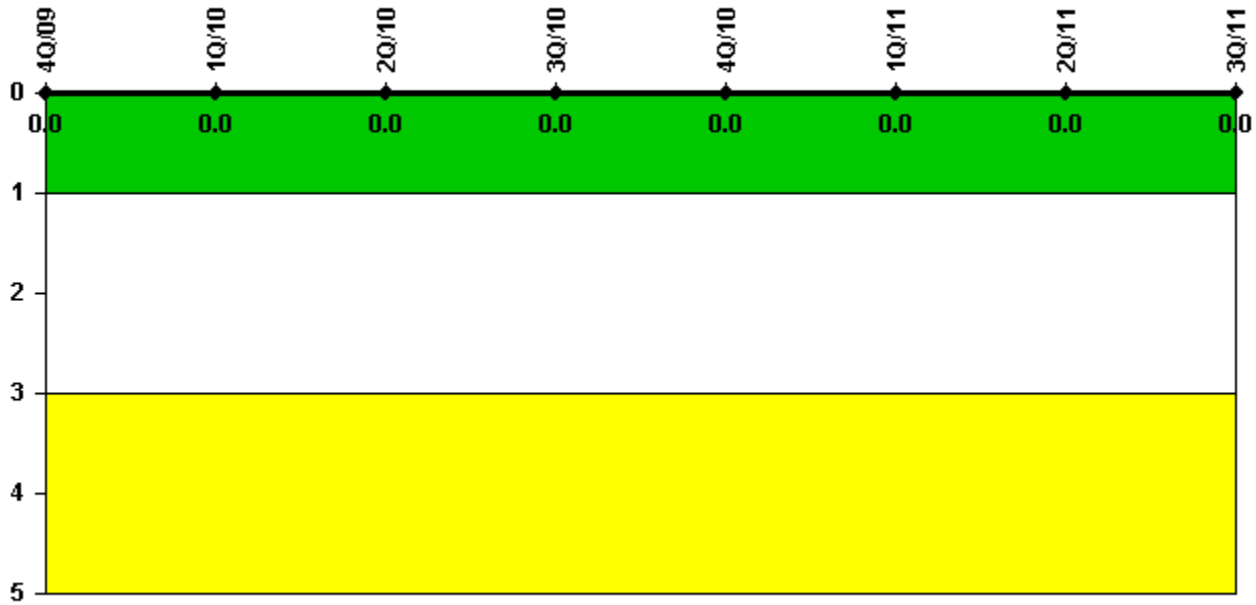
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/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

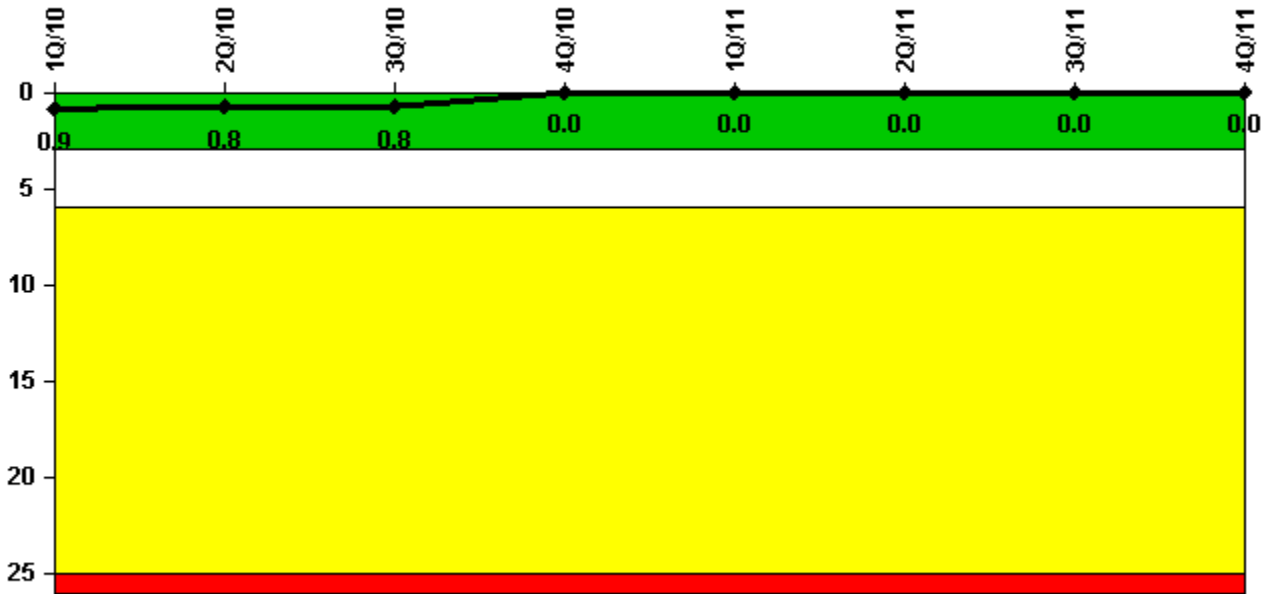
[Security](#) information not publicly available.

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4Q/2011 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



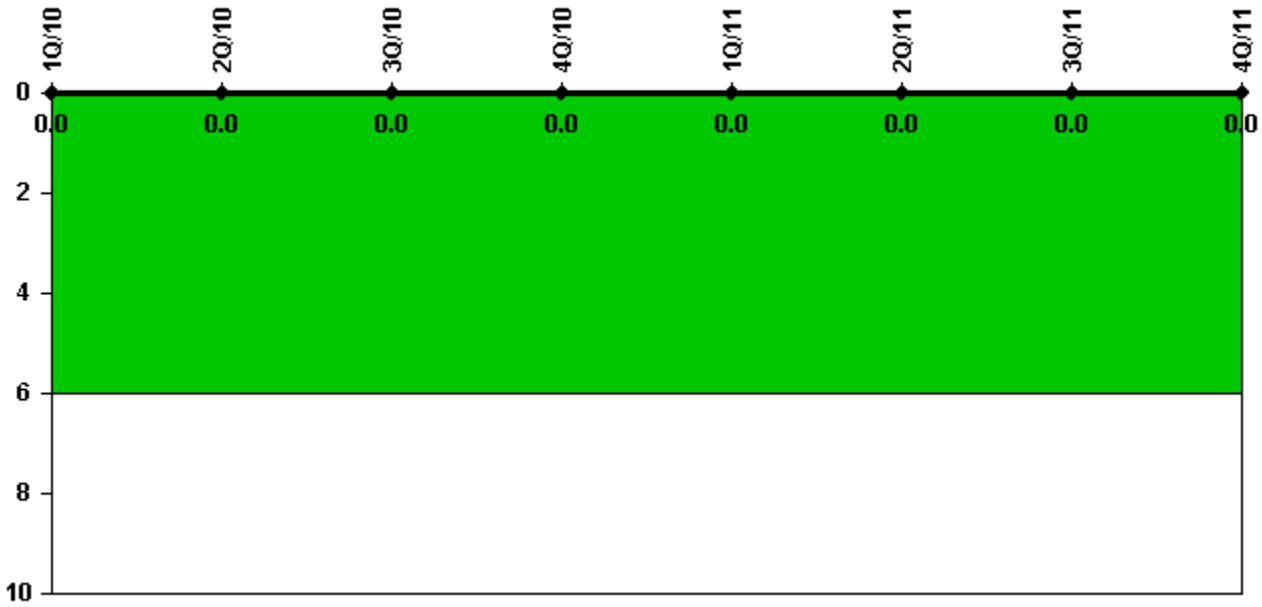
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1249.6	2159.0	2184.0	2208.0	2209.0
Indicator value	0.9	0.8	0.8	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



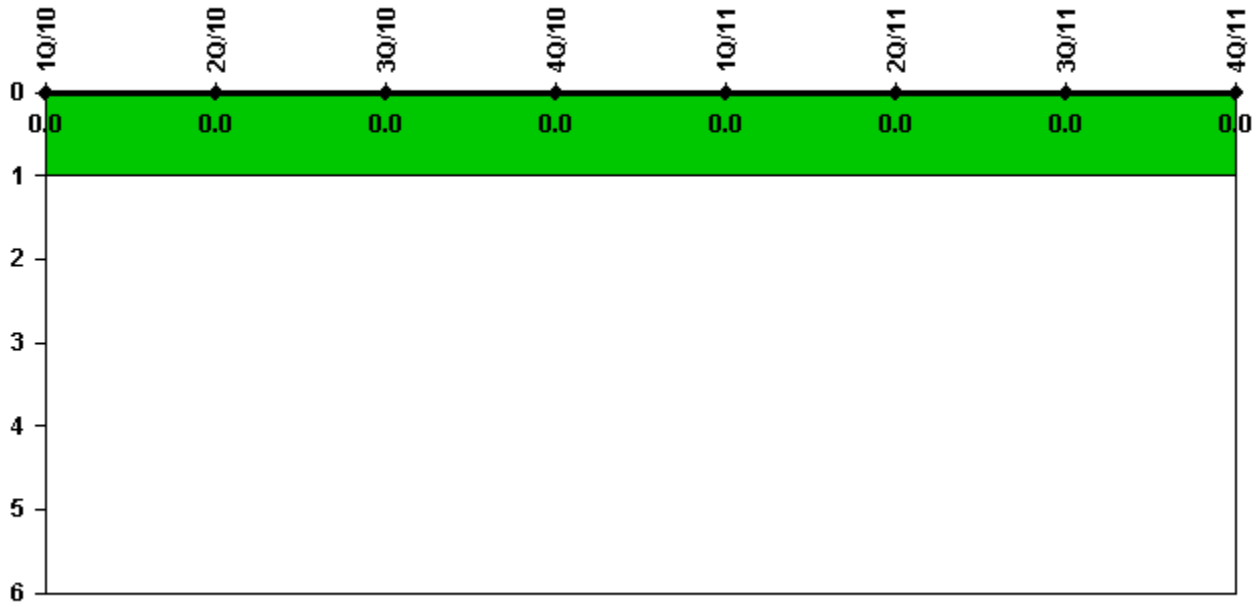
Thresholds: White > 6.0

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	1249.6	2159.0	2184.0	2208.0	2209.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



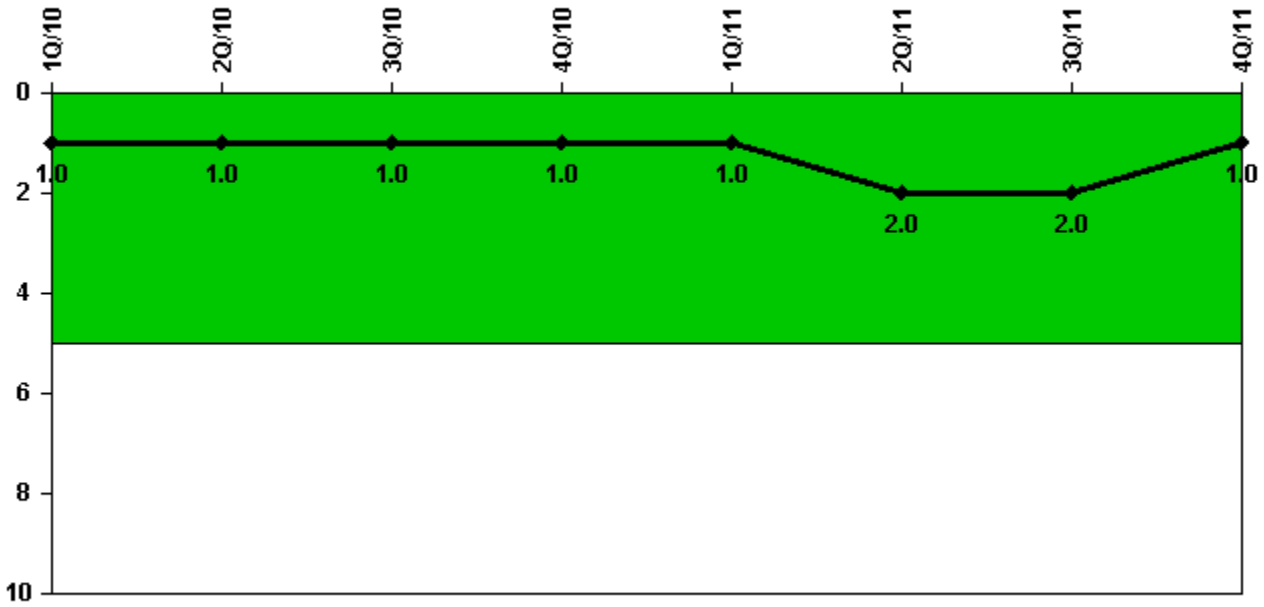
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	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 (PWR)



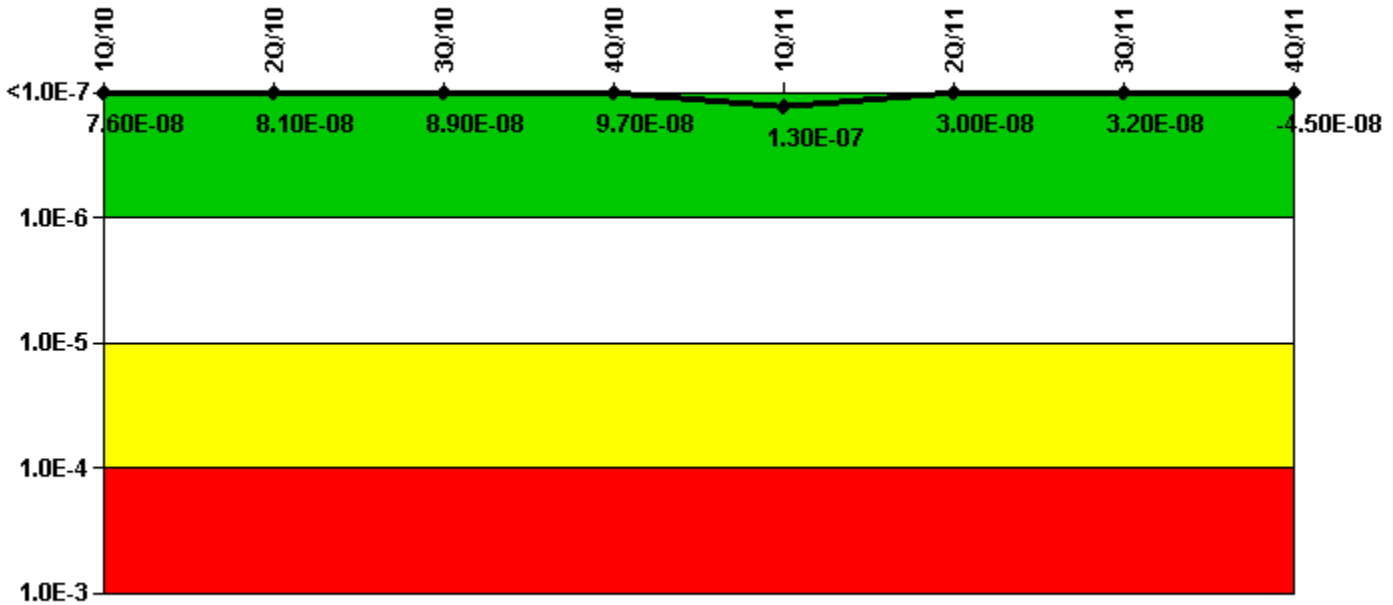
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Safety System Functional Failures	0	0	0	1	0	1	0	0
Indicator value	1	1	1	1	1	2	2	1

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



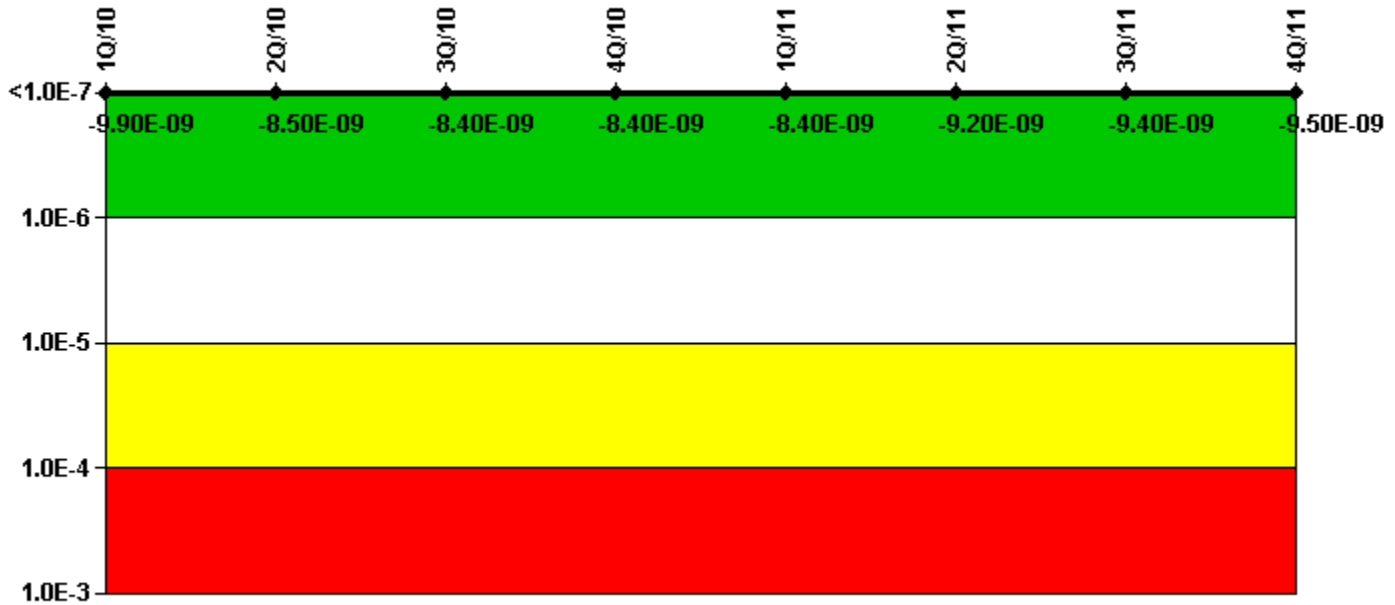
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (Δ CDF)	1.97E-08	2.48E-08	1.76E-08	2.50E-08	5.44E-08	9.27E-09	1.13E-08	8.40E-09
URI (Δ CDF)	5.59E-08	5.59E-08	7.19E-08	7.19E-08	7.19E-08	2.03E-08	2.03E-08	-5.36E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	7.60E-08	8.10E-08	8.90E-08	9.70E-08	1.30E-07	3.00E-08	3.20E-08	-4.50E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



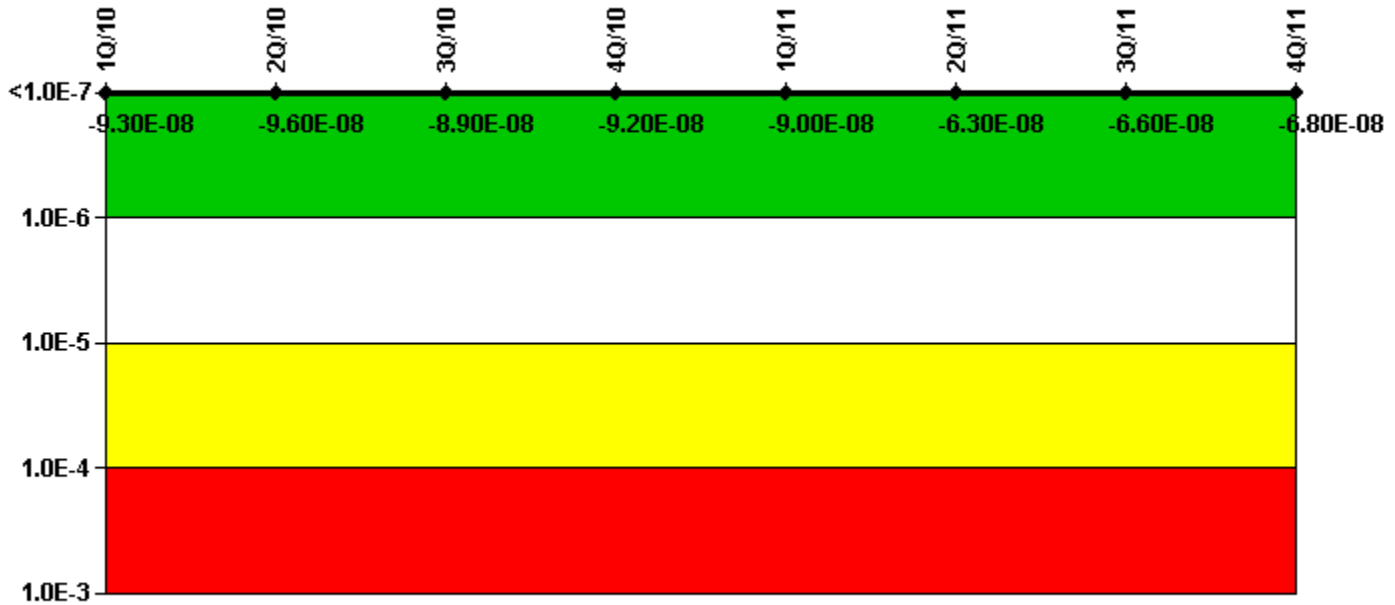
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (Δ CDF)	6.72E-10	2.12E-09	2.16E-09	2.22E-09	2.23E-09	6.86E-10	6.70E-10	6.70E-10
URI (Δ CDF)	-1.06E-08	-1.06E-08	-1.06E-08	-1.06E-08	-1.06E-08	-9.87E-09	-1.00E-08	-1.02E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-9.90E-09	-8.50E-09	-8.40E-09	-8.40E-09	-8.40E-09	-9.20E-09	-9.40E-09	-9.50E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



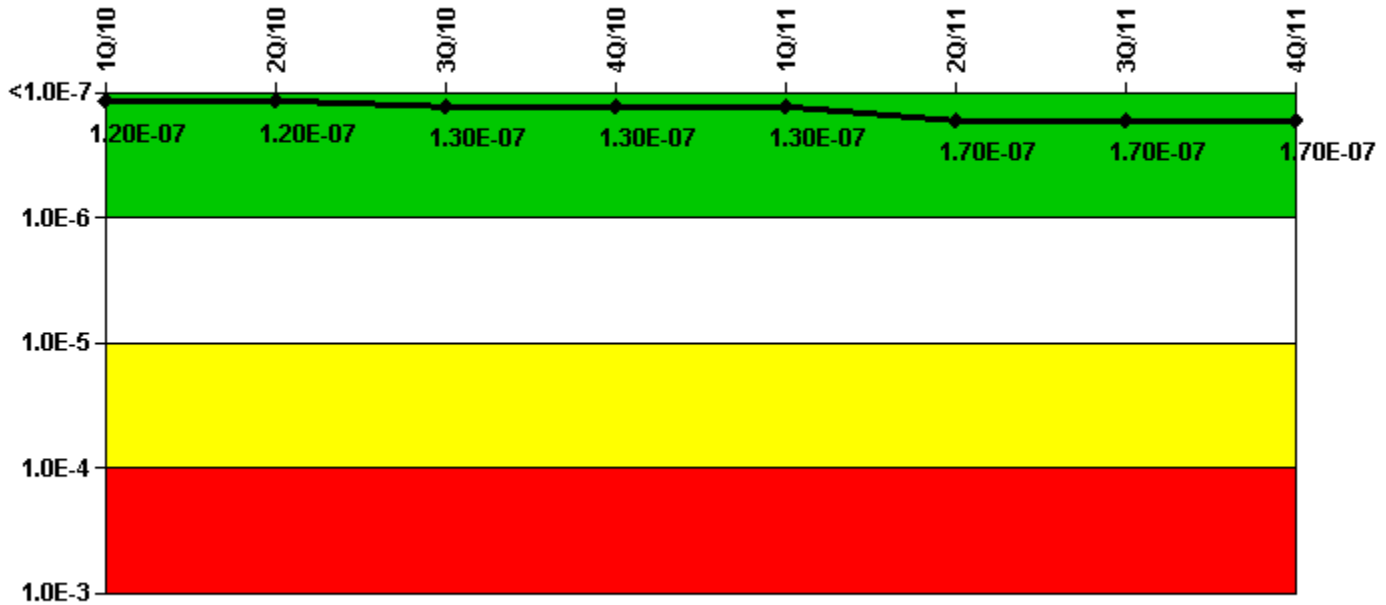
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (Δ CDF)	-1.46E-09	-4.73E-09	1.04E-09	-2.94E-09	-1.66E-09	1.04E-08	7.60E-09	5.67E-09
URI (Δ CDF)	-9.19E-08	-9.13E-08	-8.98E-08	-8.91E-08	-8.84E-08	-7.39E-08	-7.39E-08	-7.39E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-9.30E-08	-9.60E-08	-8.90E-08	-9.20E-08	-9.00E-08	-6.30E-08	-6.60E-08	-6.80E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



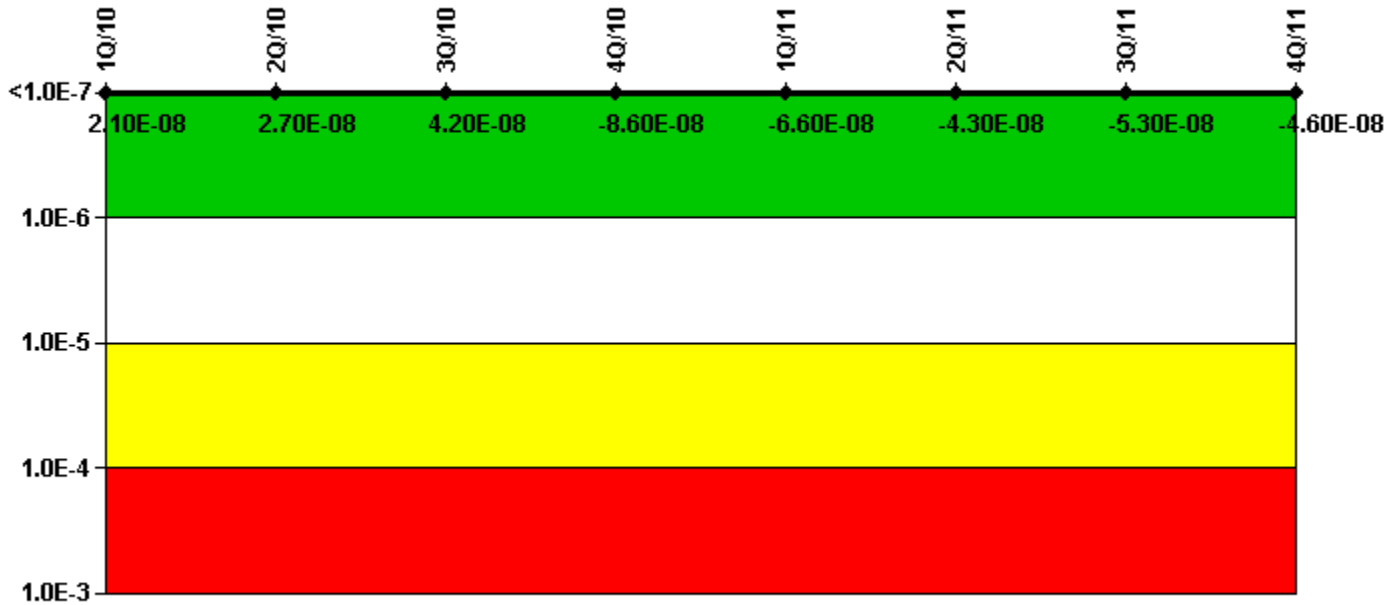
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (Δ CDF)	-1.76E-09	-1.68E-09	4.80E-10	2.99E-09	3.02E-09	3.68E-09	4.49E-09	4.04E-09
URI (Δ CDF)	1.23E-07	1.25E-07	1.27E-07	1.29E-07	1.31E-07	1.64E-07	1.64E-07	1.64E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.20E-07	1.20E-07	1.30E-07	1.30E-07	1.30E-07	1.70E-07	1.70E-07	1.70E-07

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



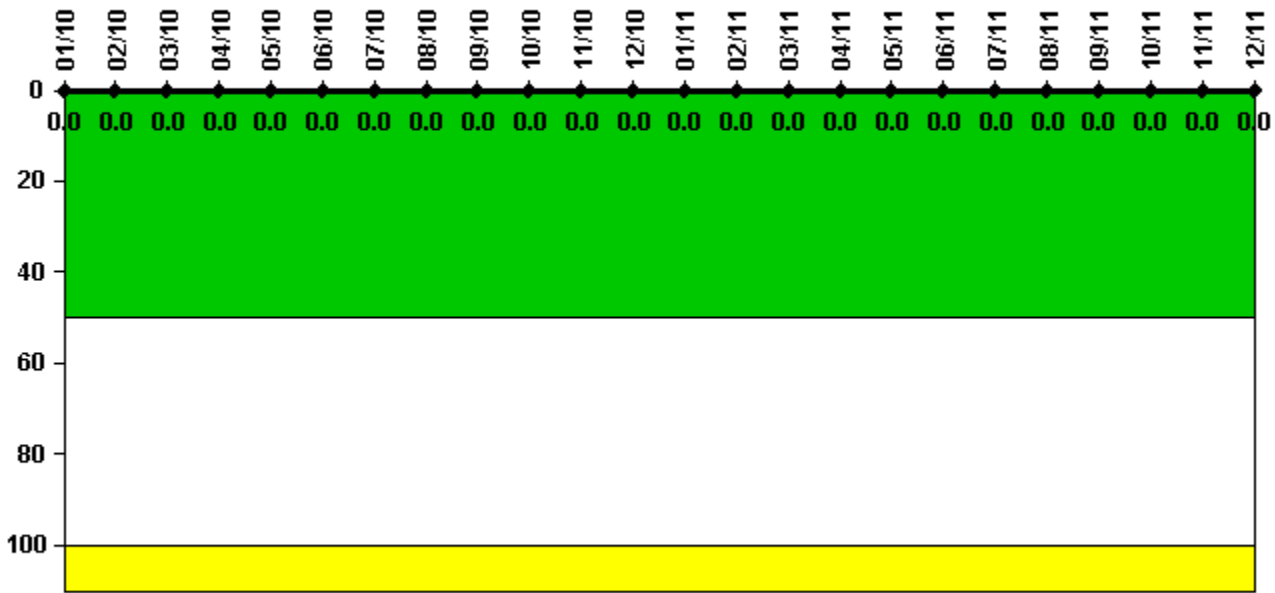
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (Δ CDF)	8.62E-08	9.63E-08	1.14E-07	1.06E-07	1.28E-07	6.40E-08	5.32E-08	6.02E-08
URI (Δ CDF)	-6.54E-08	-6.93E-08	-7.26E-08	-1.92E-07	-1.93E-07	-1.07E-07	-1.07E-07	-1.07E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.10E-08	2.70E-08	4.20E-08	-8.60E-08	-6.60E-08	-4.30E-08	-5.30E-08	-4.60E-08

Licensee Comments: none

Reactor Coolant System Activity



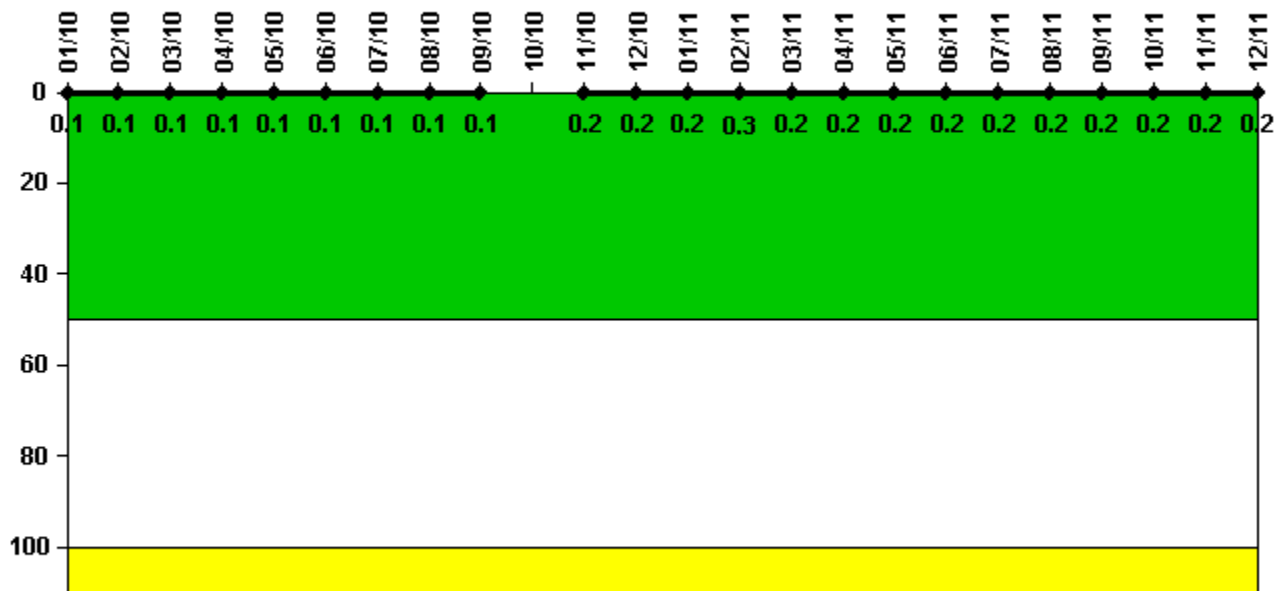
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10
Maximum activity	0.000127	0.000129	0.000134	0.000141	0.000150	0.000155	0.000162	0.000169	0.000173	0.000160	0.000085	0.000162
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	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	0.000186	0.000101	0.000105	0.000113	0.000403	0.000119	0.000126	0.000127	0.000130	0.000136	0.000138	0.000141
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



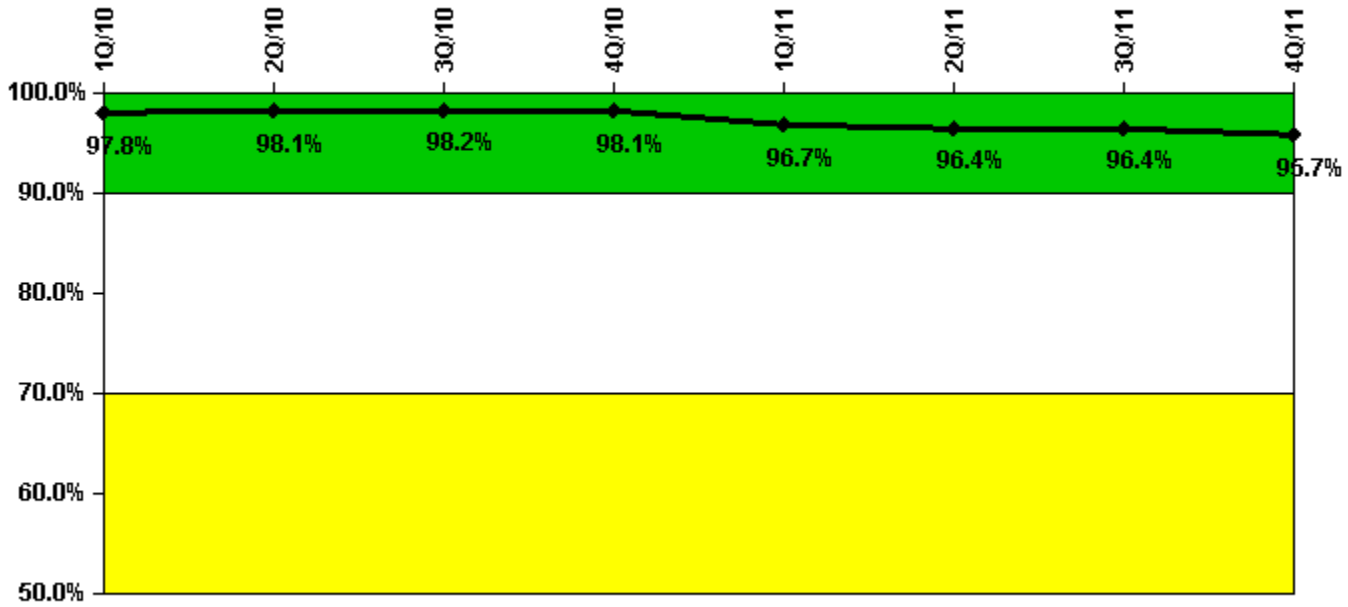
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10
Maximum leakage	0.010	0.010	0.010	0.010	0.010	0.013	0.012	0.014	0.012	N/A	0.016	0.019
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	N/A	0.2	0.2
Reactor Coolant System Leakage	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11
Maximum leakage	0.018	0.030	0.020	0.019	0.019	0.017	0.019	0.018	0.017	0.019	0.018	0.017
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Successful opportunities	36.0	33.0	27.0	8.0	35.0	29.0	24.0	32.0
Total opportunities	36.0	34.0	28.0	8.0	39.0	30.0	25.0	34.0
Indicator value	97.8%	98.1%	98.2%	98.1%	96.7%	96.4%	96.4%	95.7%

Licensee Comments: none

ERO Drill Participation



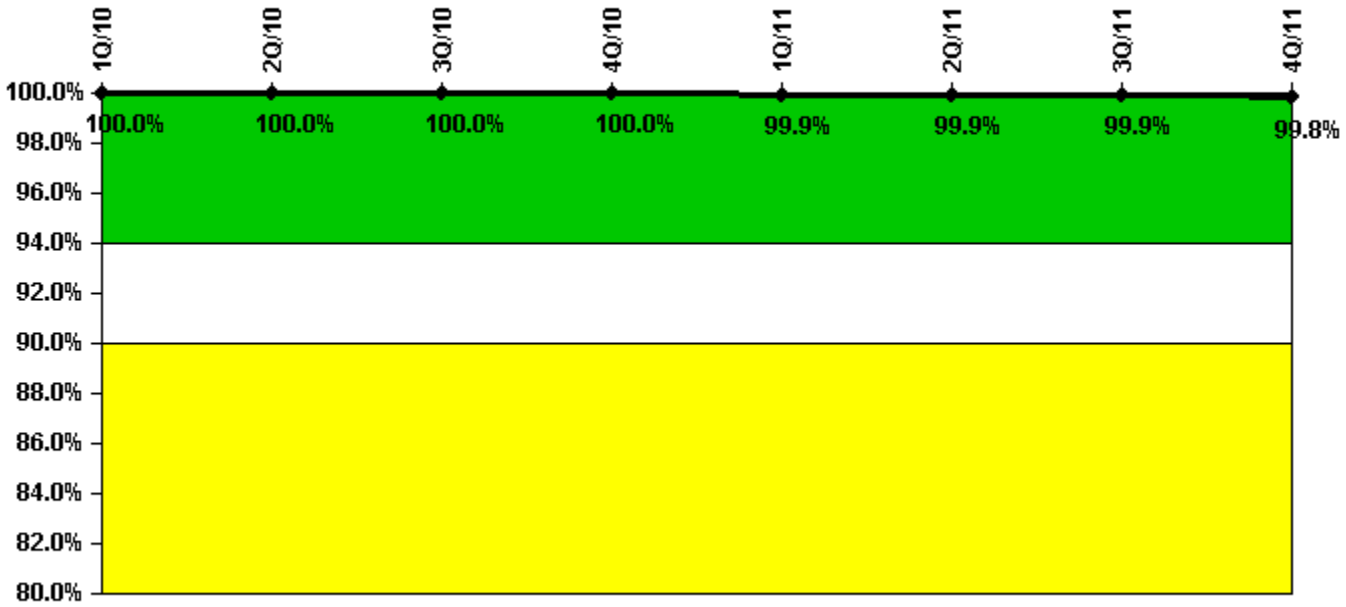
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Participating Key personnel	48.0	52.0	49.0	48.0	42.0	46.0	47.0	52.0
Total Key personnel	48.0	52.0	49.0	48.0	42.0	46.0	47.0	52.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



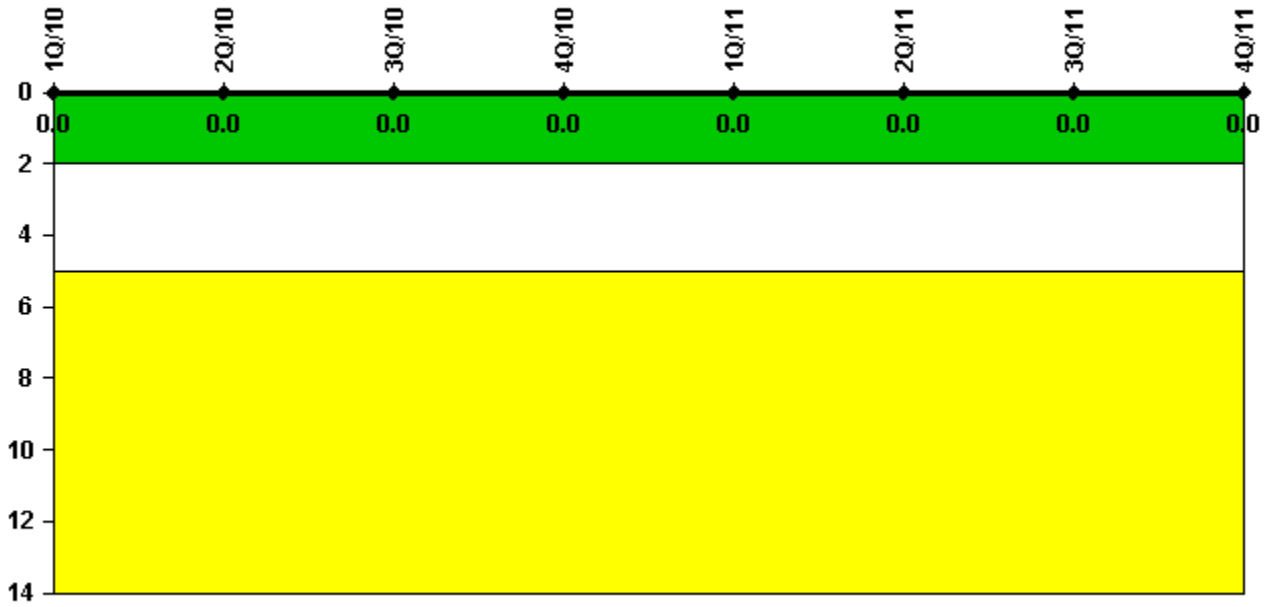
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Successful siren-tests	664	581	747	581	662	581	746	663
Total sirens-tests	664	581	747	581	664	581	747	664
Indicator value	100.0%	100.0%	100.0%	100.0%	99.9%	99.9%	99.9%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



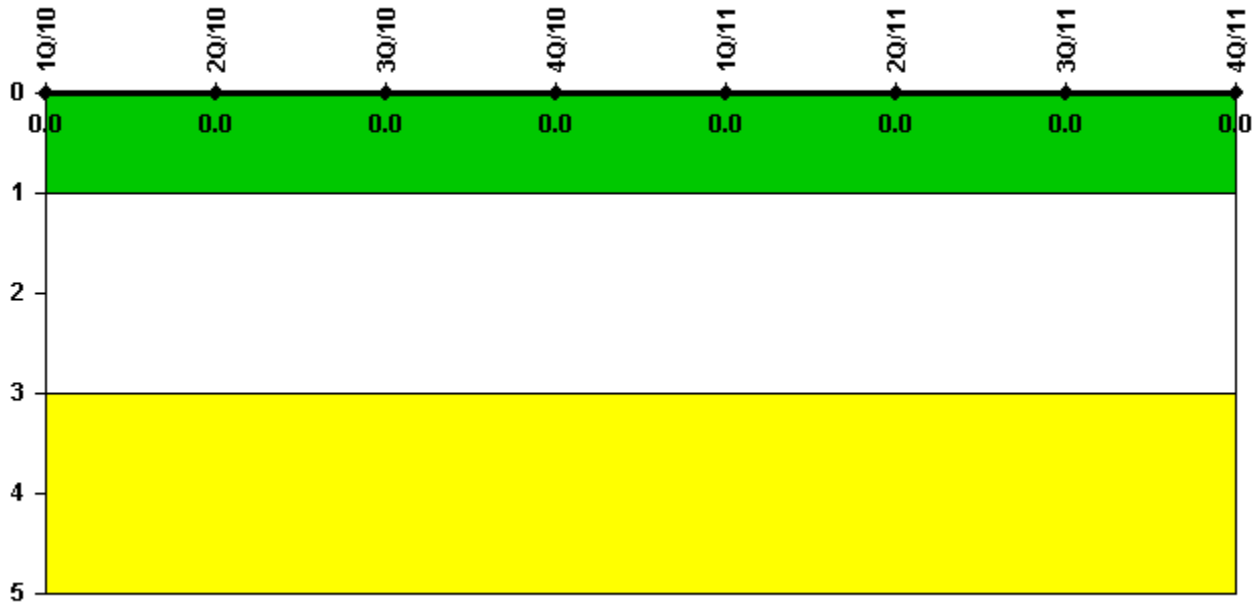
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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	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/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

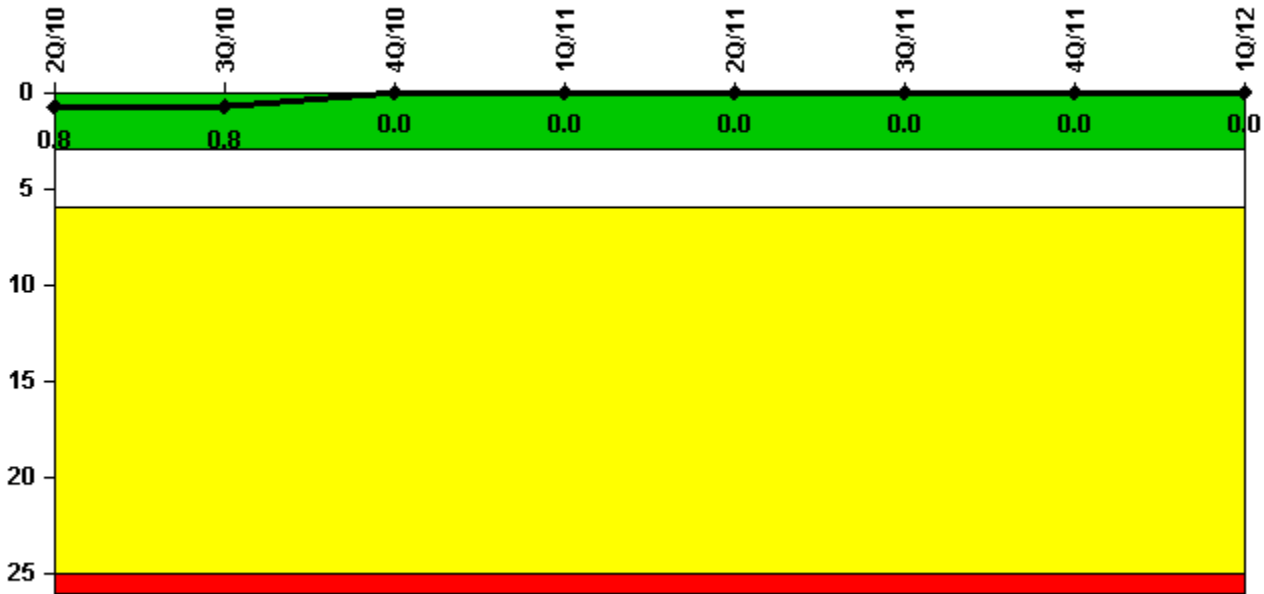
[Security](#) information not publicly available.

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1Q/2012 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



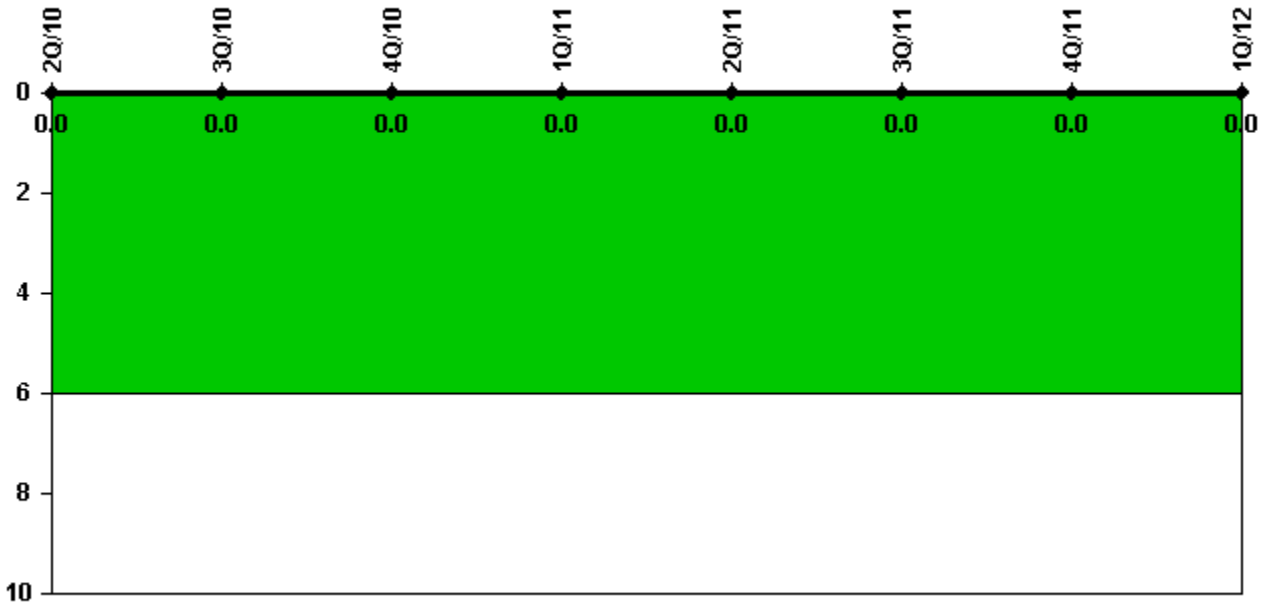
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1249.6	2159.0	2184.0	2208.0	2209.0	2183.0
Indicator value	0.8	0.8	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



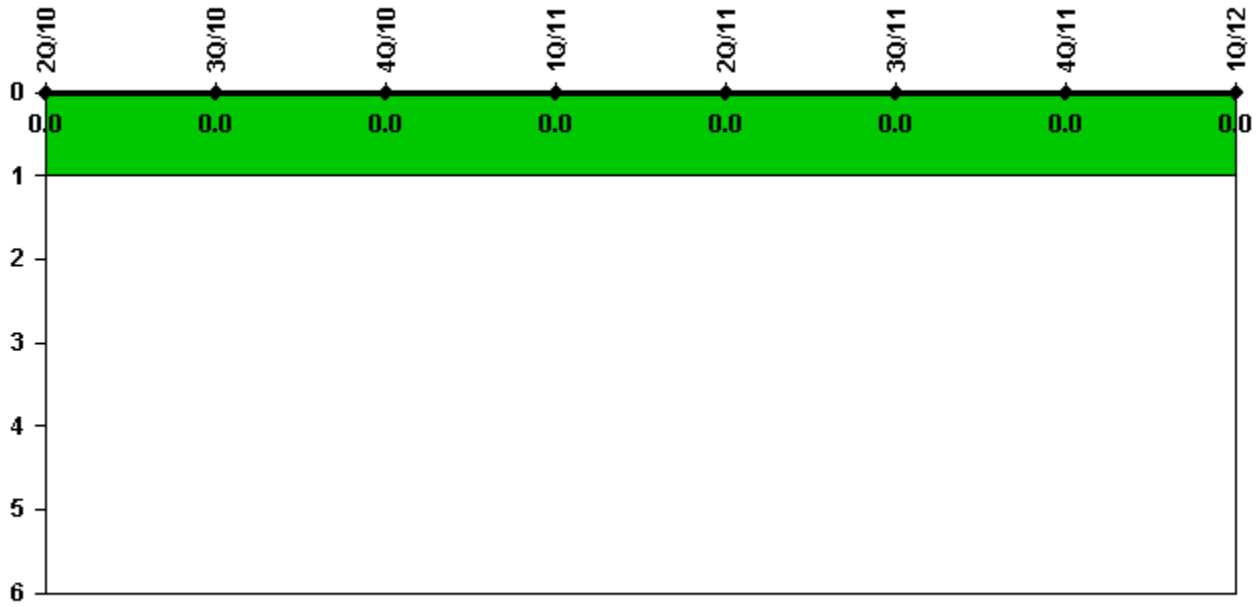
Thresholds: White > 6.0

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	1249.6	2159.0	2184.0	2208.0	2209.0	2183.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



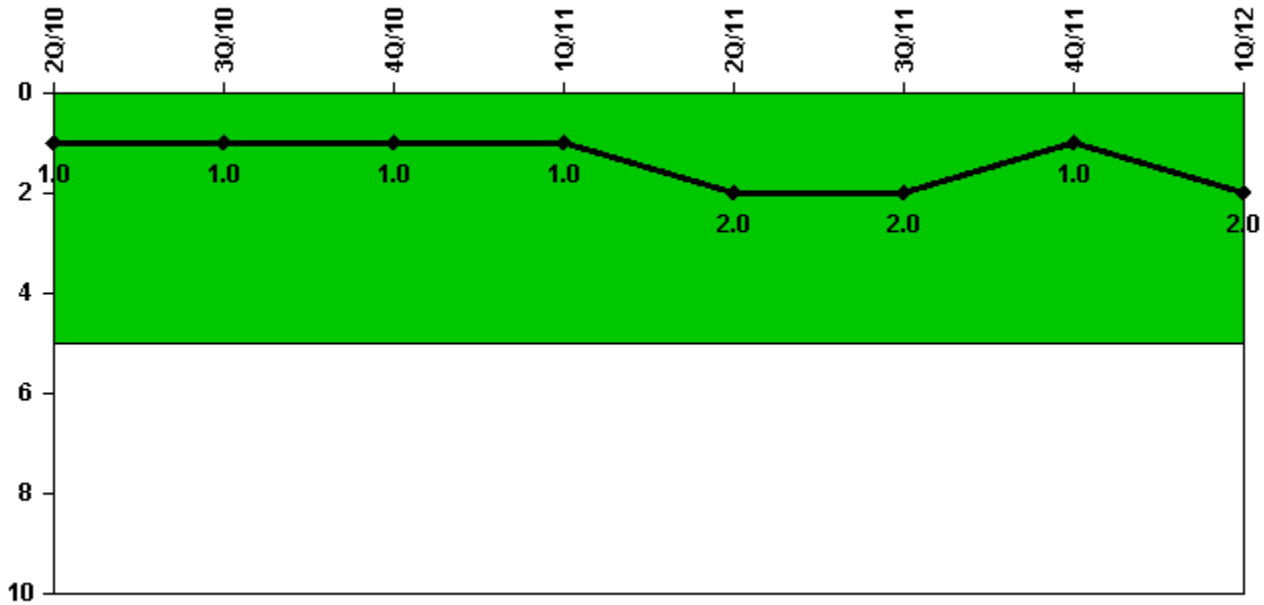
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	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 (PWR)



Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Safety System Functional Failures	0	0	1	0	1	0	0	1
Indicator value	1	1	1	1	2	2	1	2

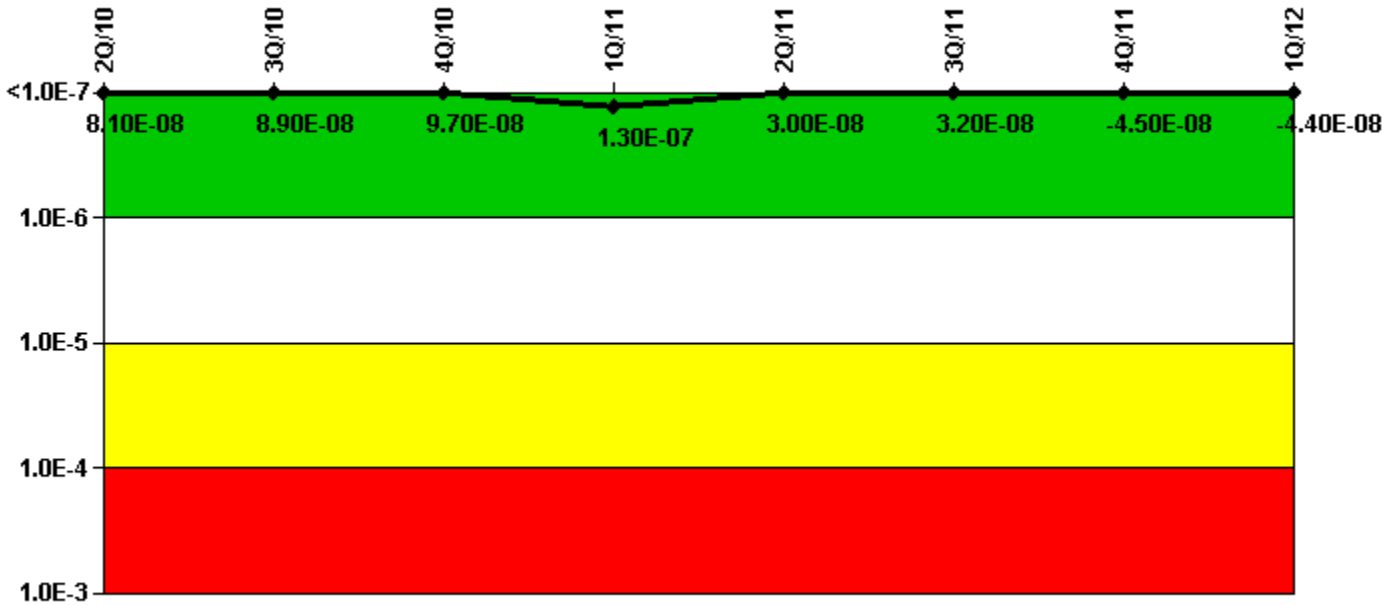
Licensee Comments:

1Q/12: One LER (2011-002-00) was submitted which describes an event in which the 1B-SB Emergency Diesel Generator was found to be inoperable because the engine may not have run for the entire seven day mission time due to drift of the speed setting.

2Q/11: LER 2010-002-01 was issued to supplement LER 2010-002-00 and describe a Main Steam Isolation Valve that failed to fully close during plant stabilization after a manual Rx trip.

4Q/10: Loss of Safety Function due to both trains of ECCS inoperable longer than allowed by Tech Specs. LER 2010-005.

Mitigating Systems Performance Index, Emergency AC Power System



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

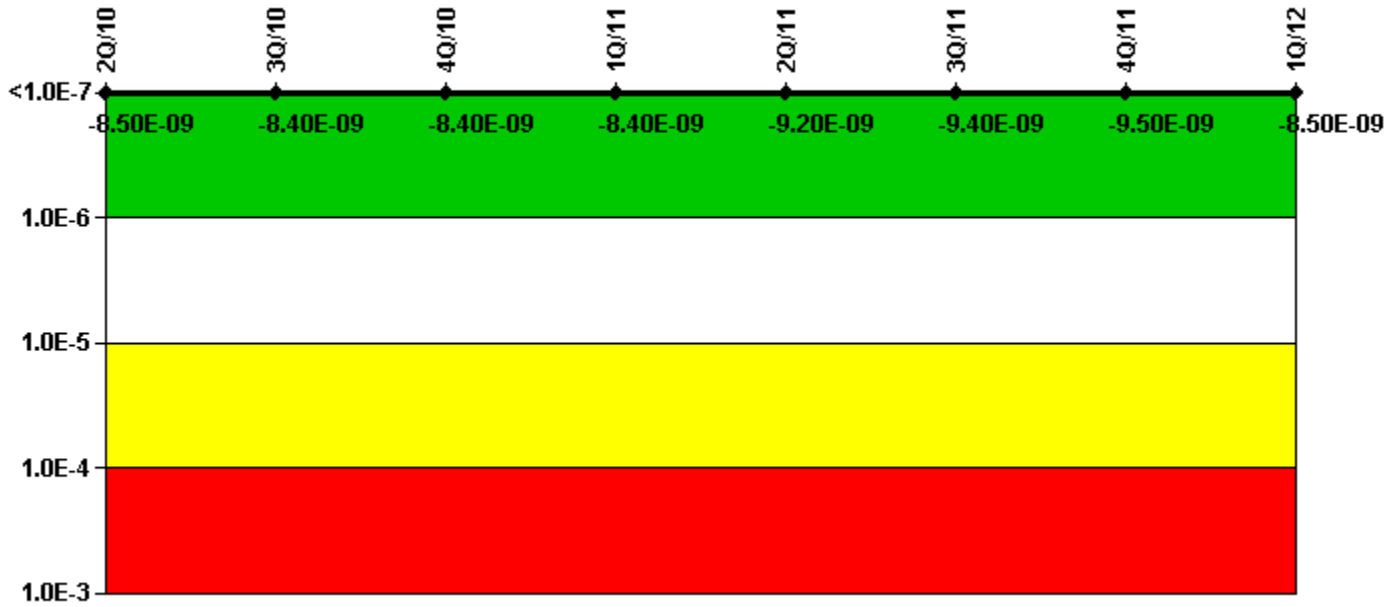
Notes

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)	2.48E-08	1.76E-08	2.50E-08	5.44E-08	9.27E-09	1.13E-08	8.40E-09	9.54E-09
URI (Δ CDF)	5.59E-08	7.19E-08	7.19E-08	7.19E-08	2.03E-08	2.03E-08	-5.36E-08	-5.33E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	8.10E-08	8.90E-08	9.70E-08	1.30E-07	3.00E-08	3.20E-08	-4.50E-08	-4.40E-08

Licensee Comments:

3Q/11: Corrected data has been submitted for EAC Planned unavailability for July 2010, March 2011, April 2011, May 2011, June 2011. No color change as a result of this updated data.

Mitigating Systems Performance Index, High Pressure Injection System



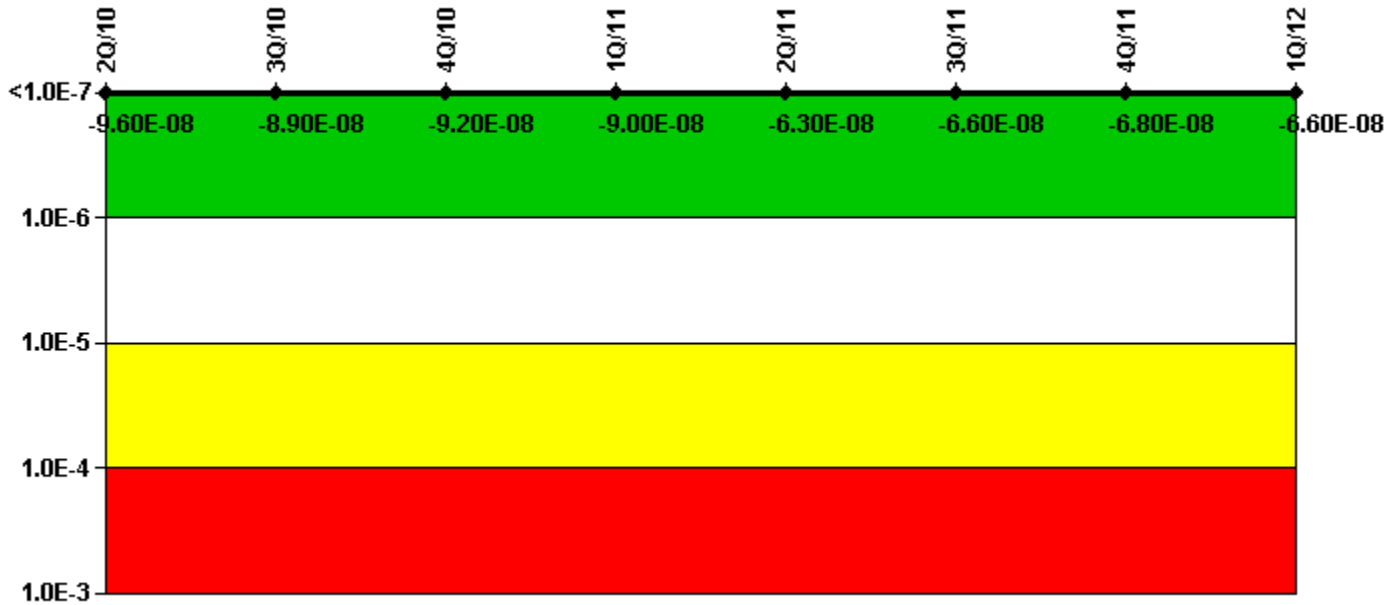
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	2.12E-09	2.16E-09	2.22E-09	2.23E-09	6.86E-10	6.70E-10	6.70E-10	1.75E-09
URI (Δ CDF)	-1.06E-08	-1.06E-08	-1.06E-08	-1.06E-08	-9.87E-09	-1.00E-08	-1.02E-08	-1.03E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-8.50E-09	-8.40E-09	-8.40E-09	-8.40E-09	-9.20E-09	-9.40E-09	-9.50E-09	-8.50E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



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

Notes

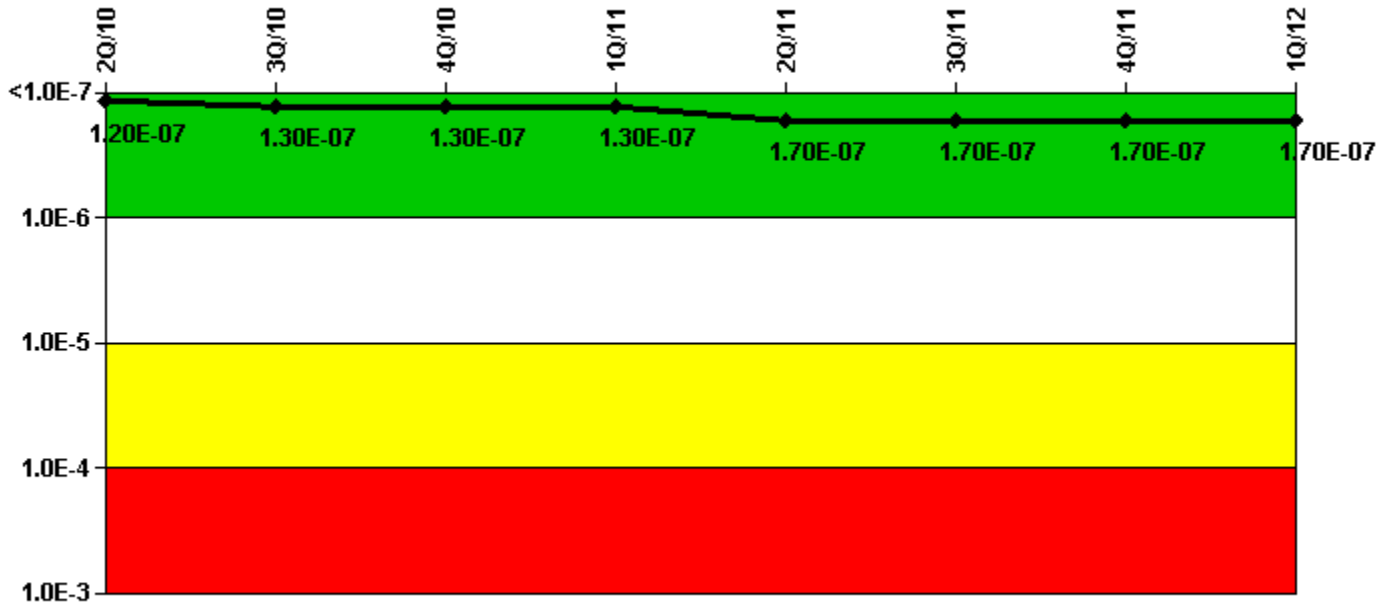
Mitigating Systems Performance Index, Heat Removal System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (Δ CDF)	-4.73E-09	1.04E-09	-2.94E-09	-1.66E-09	1.04E-08	7.60E-09	5.67E-09	8.30E-09
URI (Δ CDF)	-9.13E-08	-8.98E-08	-8.91E-08	-8.84E-08	-7.39E-08	-7.39E-08	-7.39E-08	-7.38E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-9.60E-08	-8.90E-08	-9.20E-08	-9.00E-08	-6.30E-08	-6.60E-08	-6.80E-08	-6.60E-08

Licensee Comments:

1Q/12: Changed PRA Parameter(s).

2Q/10: Unavailability hours should have been reported against both of the Steam Supply Segments when the steam admission valves were unavailable and under clearance to support TDAFW maintenance. Corrected unavailability hours for the previous 36 month period need to be reported against both 1MS-70 and 1MS-72 as follows: 1/20/2010 07:04 to 16:52: accumulated 9.8 hours planned unavailability 8/26/2009 07:02 to 8/27/2009 09:49: accumulated 26.8 hours planned unavailability 4/15/2009 07:11 to 4/17/2009 03:22: accumulated 44.2 hours planned unavailability 9/24/2008 07:34 to 17:18: accumulated 9.7 hours planned unavailability 3/19/2008 06:58 to 16:13: accumulated 9.3 hours planned unavailability 4/18/2007 19:45 to 22:24: accumulated 2.7 hours unplanned unavailability 4/18/2007 07:15 to 17:04: accumulated 9.8 hours planned unavailability No Color Change as a result of this corrected data.

Mitigating Systems Performance Index, Residual Heat Removal System



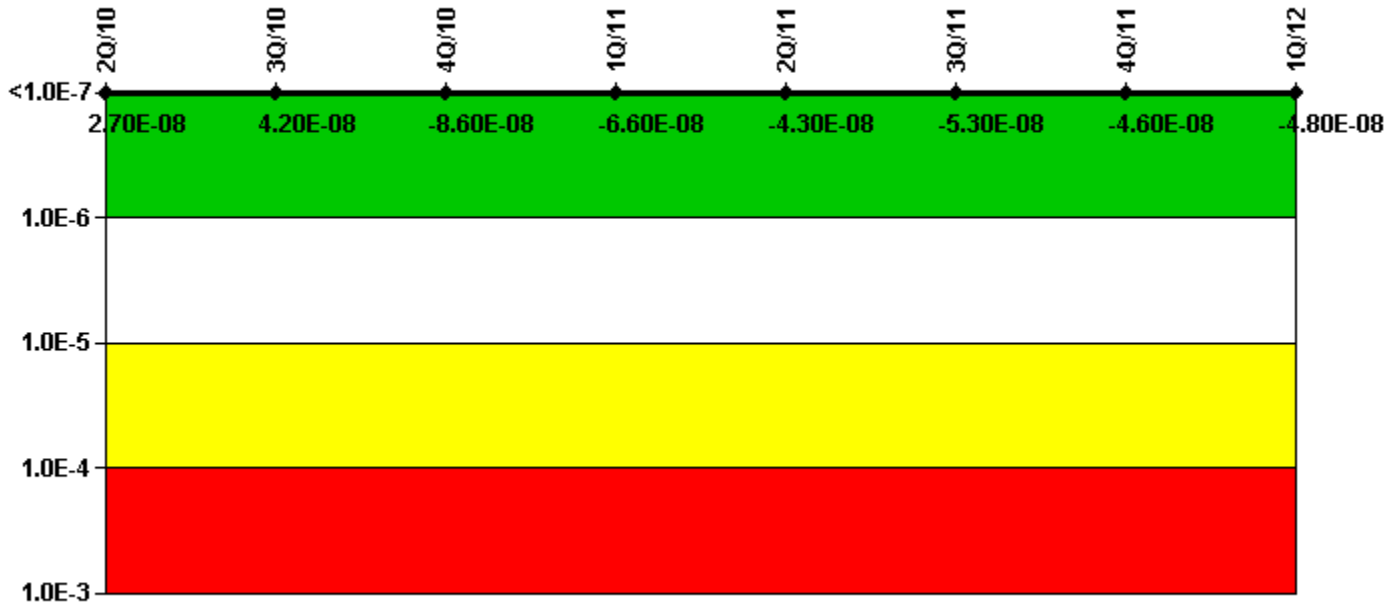
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	-1.68E-09	4.80E-10	2.99E-09	3.02E-09	3.68E-09	4.49E-09	4.04E-09	7.93E-09
URI (Δ CDF)	1.25E-07	1.27E-07	1.29E-07	1.31E-07	1.64E-07	1.64E-07	1.64E-07	1.65E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.20E-07	1.30E-07	1.30E-07	1.30E-07	1.70E-07	1.70E-07	1.70E-07	1.70E-07

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



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

Notes

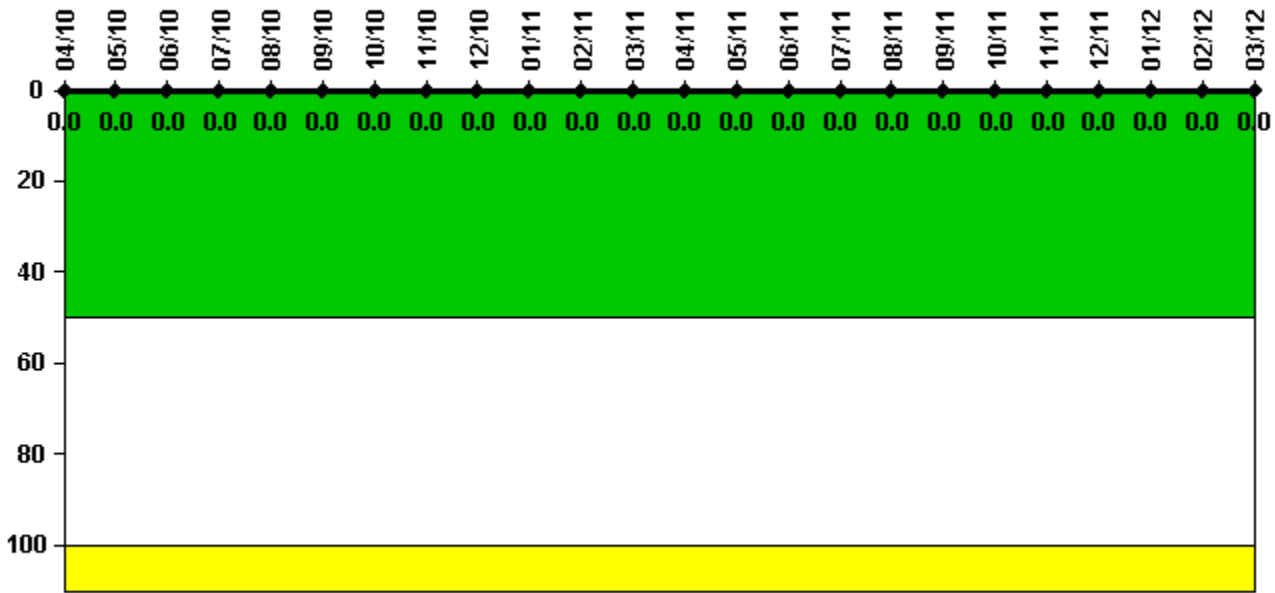
Mitigating Systems Performance Index, Cooling Water Systems	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (Δ CDF)	9.63E-08	1.14E-07	1.06E-07	1.28E-07	6.40E-08	5.32E-08	6.02E-08	5.82E-08
URI (Δ CDF)	-6.93E-08	-7.26E-08	-1.92E-07	-1.93E-07	-1.07E-07	-1.07E-07	-1.07E-07	-1.06E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.70E-08	4.20E-08	-8.60E-08	-6.60E-08	-4.30E-08	-5.30E-08	-4.60E-08	-4.80E-08

Licensee Comments:

1Q/12: Changed PRA Parameter(s).

2Q/11: Corrected data has been submitted for B ESW as it has been determined in an evaluation that no unavailability occurred as a result of the previously reported event. No color change results from this corrected data.

Reactor Coolant System Activity



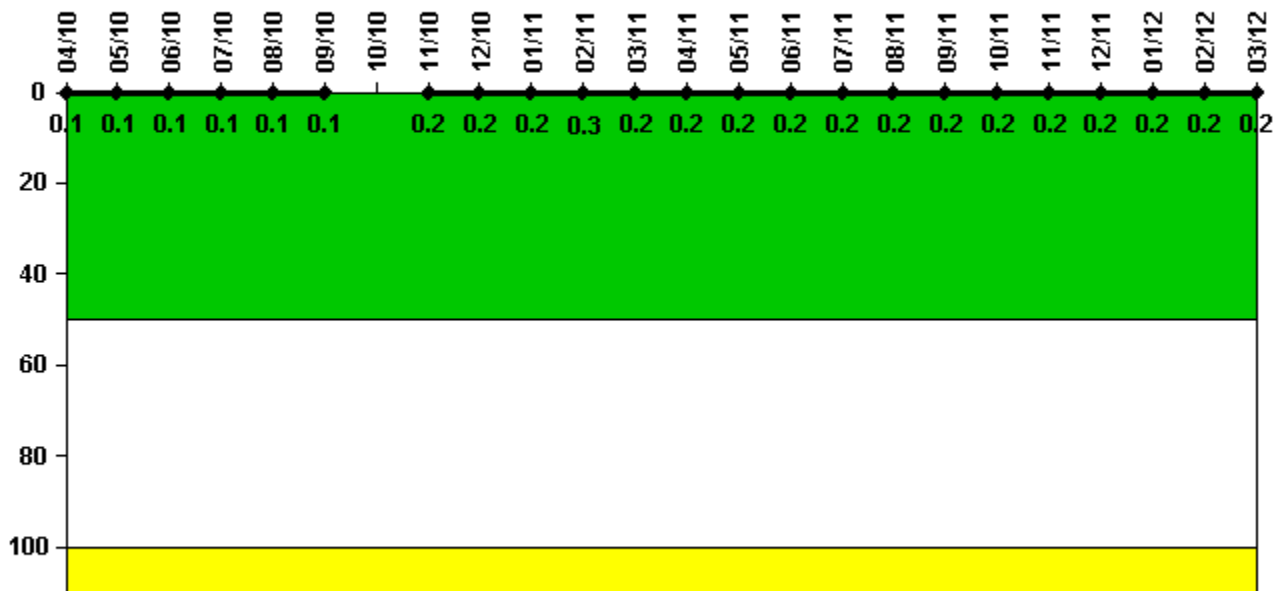
Thresholds: White > 50.0 Yellow > 100.0

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	0.000141	0.000150	0.000155	0.000162	0.000169	0.000173	0.000160	0.000085	0.000162	0.000186	0.000101	0.000105
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12
Maximum activity	0.000113	0.000403	0.000119	0.000126	0.000127	0.000130	0.000136	0.000138	0.000141	0.000202	0.000147	0.000158
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



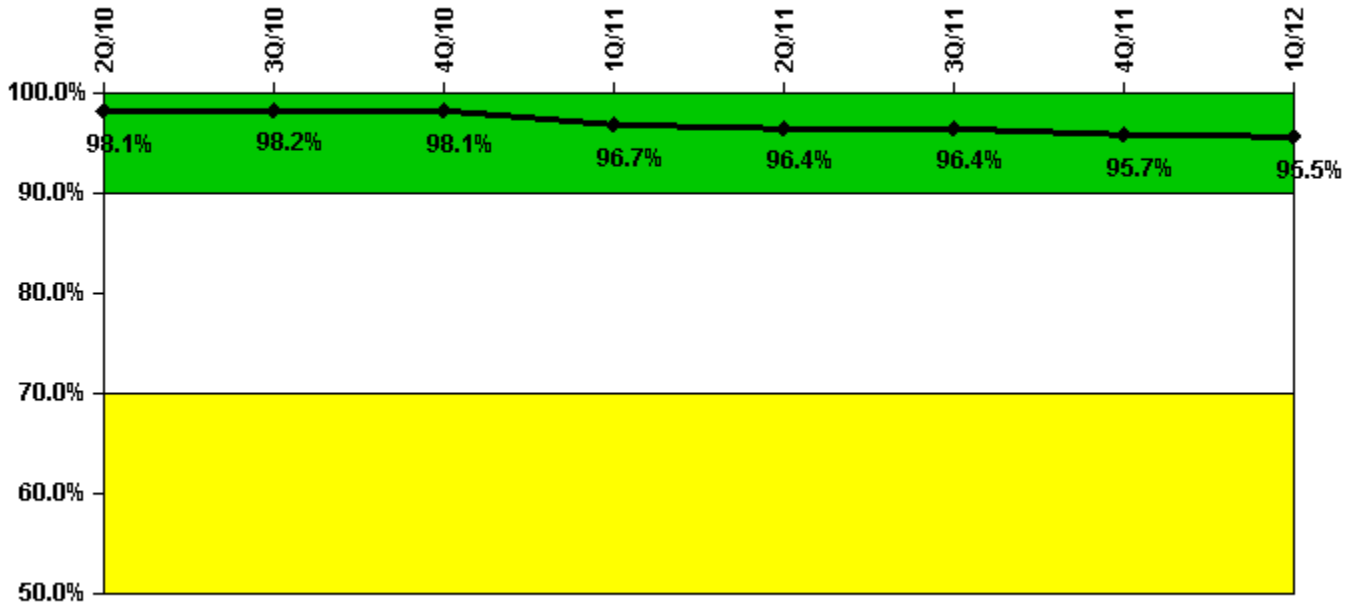
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11
Maximum leakage	0.010	0.010	0.013	0.012	0.014	0.012	N/A	0.016	0.019	0.018	0.030	0.020
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	N/A	0.2	0.2	0.2	0.3	0.2
Reactor Coolant System Leakage	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12
Maximum leakage	0.019	0.019	0.017	0.019	0.018	0.017	0.019	0.018	0.017	0.017	0.016	0.016
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

Licensee Comments: none

Drill/Exercise Performance



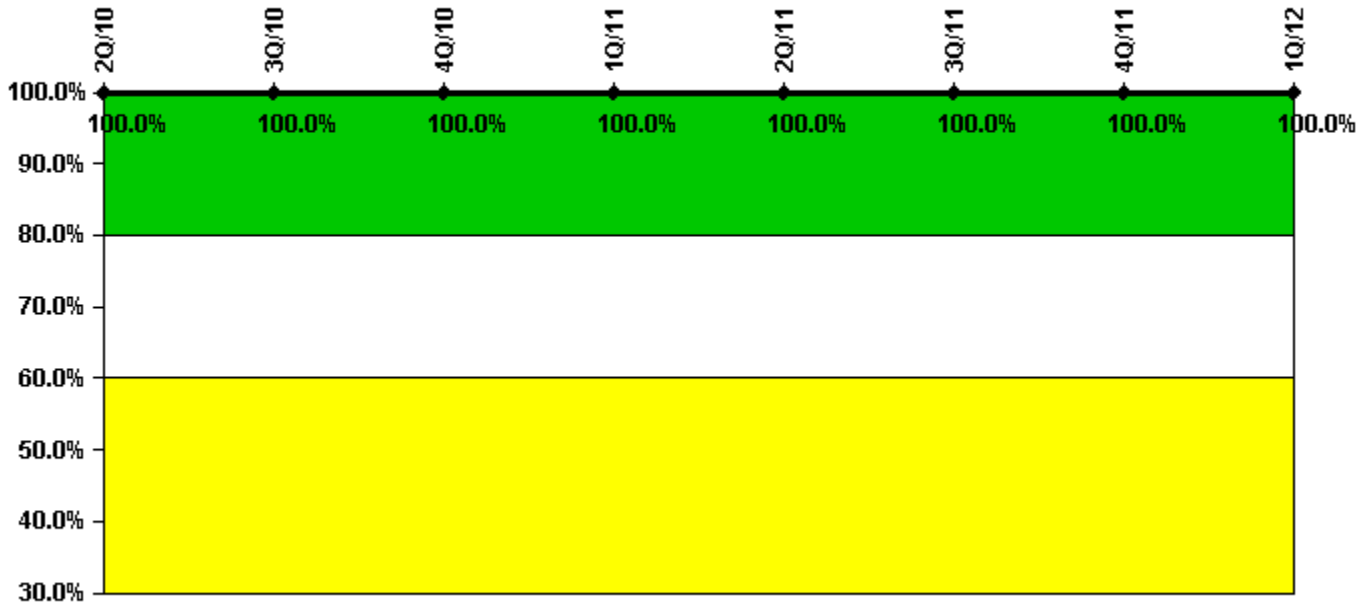
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Successful opportunities	33.0	27.0	8.0	35.0	29.0	24.0	32.0	25.0
Total opportunities	34.0	28.0	8.0	39.0	30.0	25.0	34.0	25.0
Indicator value	98.1%	98.2%	98.1%	96.7%	96.4%	96.4%	95.7%	95.5%

Licensee Comments: none

ERO Drill Participation



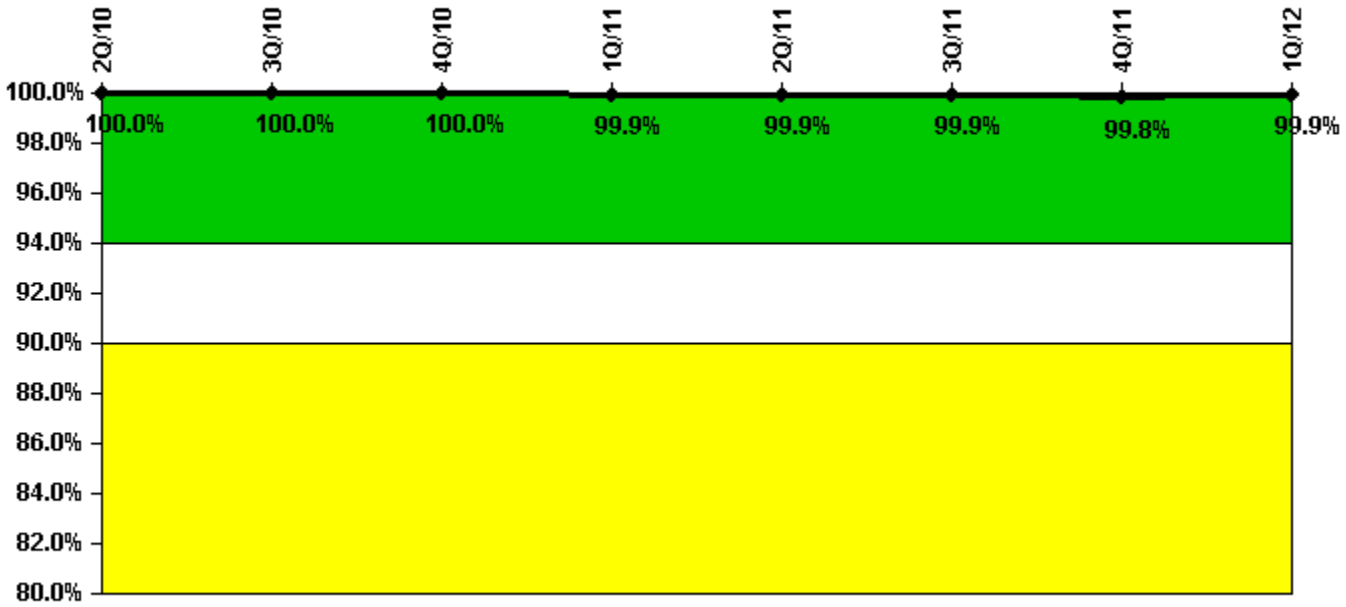
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Participating Key personnel	52.0	49.0	48.0	42.0	46.0	47.0	52.0	54.0
Total Key personnel	52.0	49.0	48.0	42.0	46.0	47.0	52.0	54.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



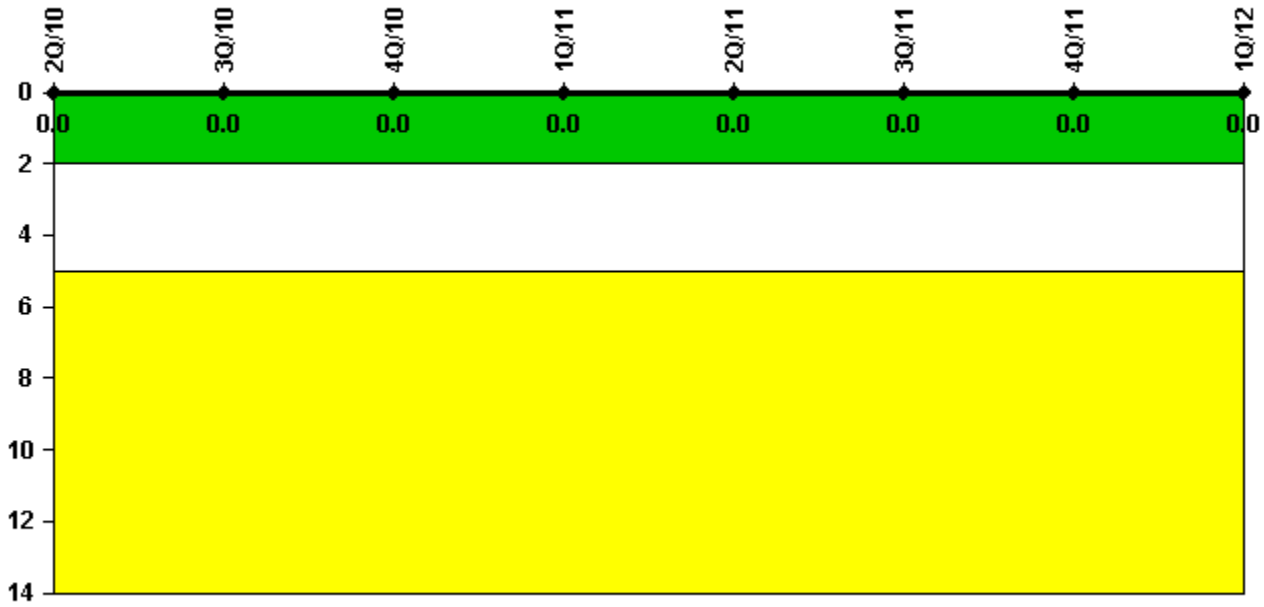
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Successful siren-tests	581	747	581	662	581	746	663	664
Total sirens-tests	581	747	581	664	581	747	664	664
Indicator value	100.0%	100.0%	100.0%	99.9%	99.9%	99.9%	99.8%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



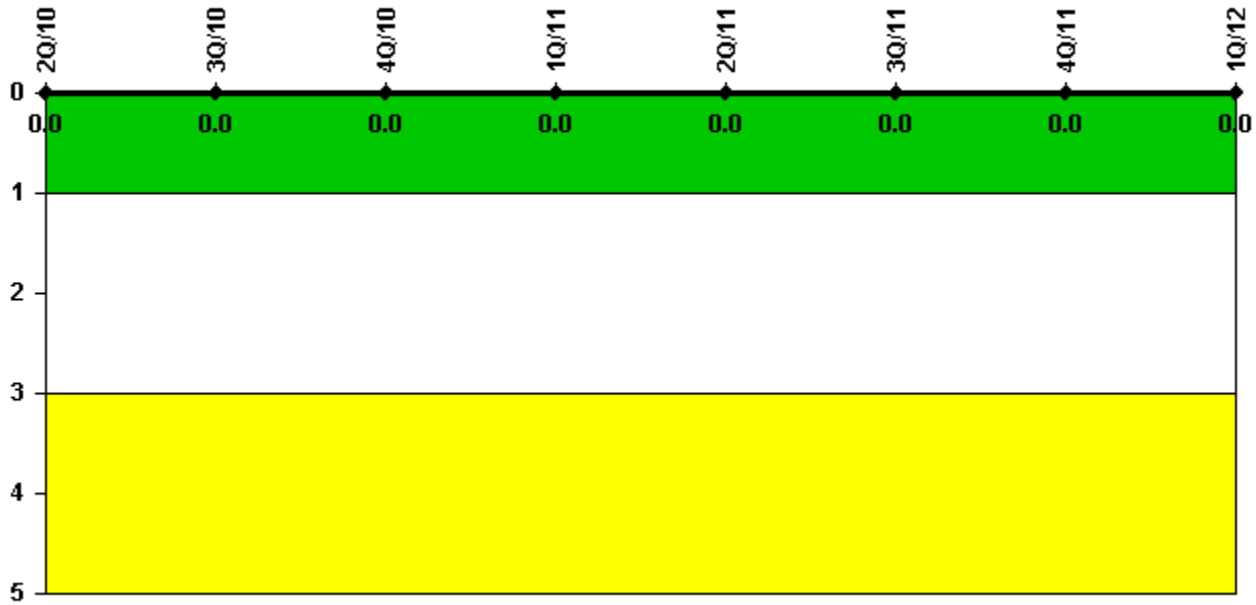
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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	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/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

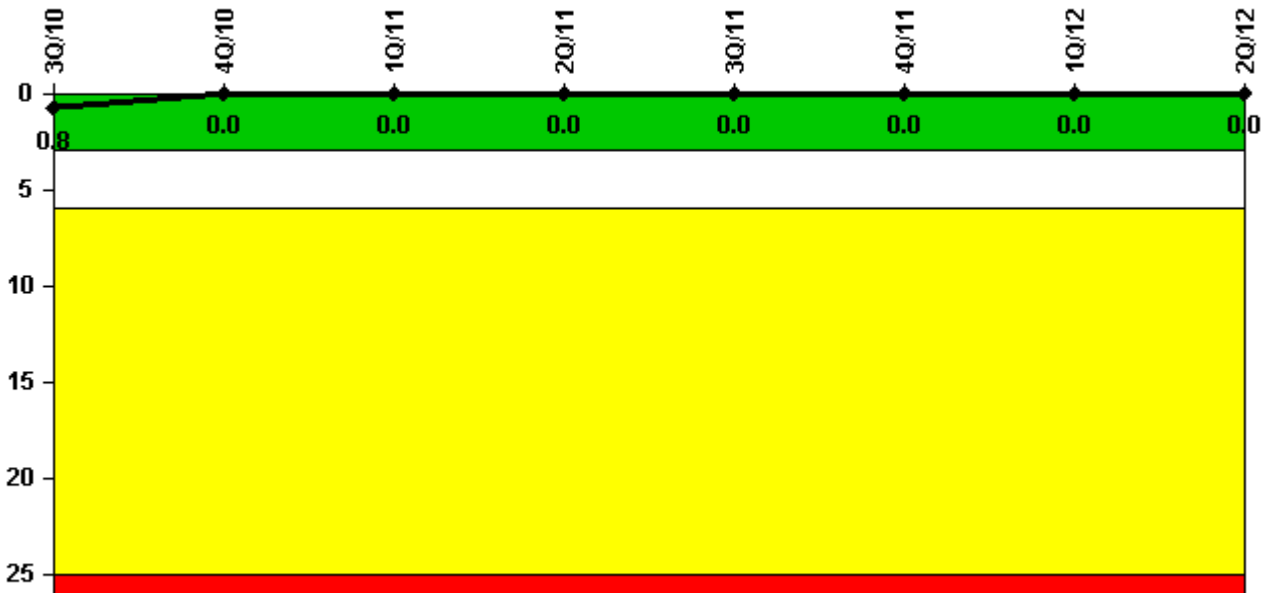
[Security](#) information not publicly available.

Harris 1

2Q/2012 Performance Indicators

Licensee's General Comments: One LER (2012-001-00) was submitted for the month of June 2012, which describes a condition where unexpected long-term corrosion of valve piston rings caused delayed closing of Main Steam Isolation Valves.

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

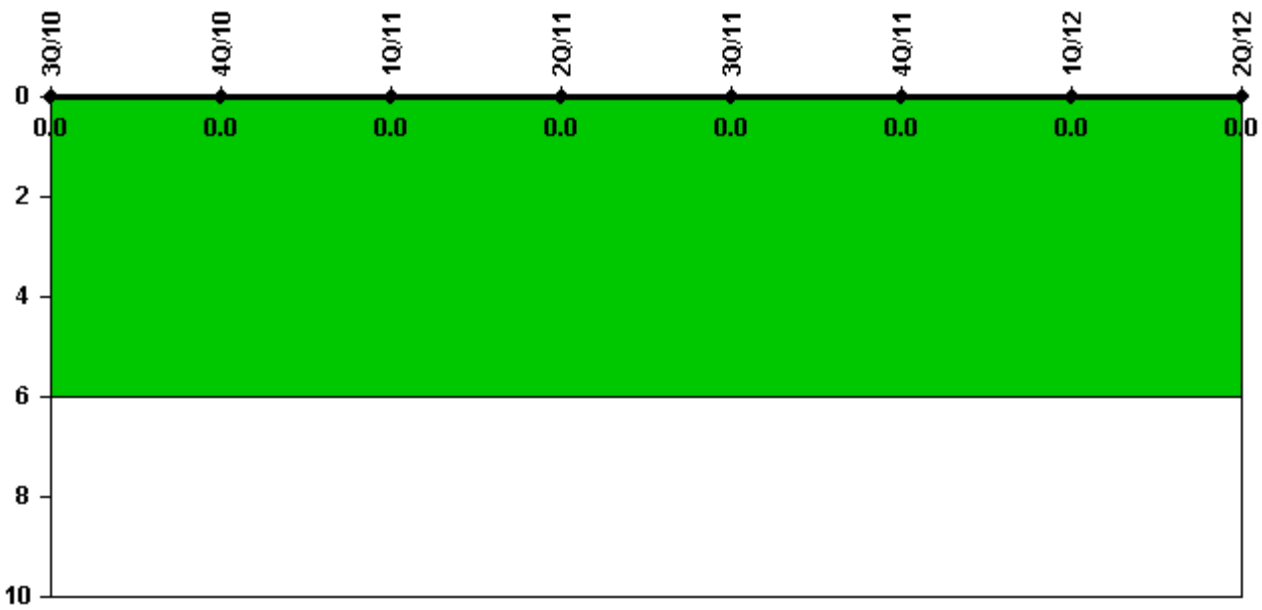
Notes

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	1249.6	2159.0	2184.0	2208.0	2209.0	2183.0	1072.9
Indicator value	0.8	0	0	0	0	0	0	0

Licensee Comments:

2Q/12: There was a planned unit shutdown for RFO-17 starting April 21, 2012 and continuing into June 2012.

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

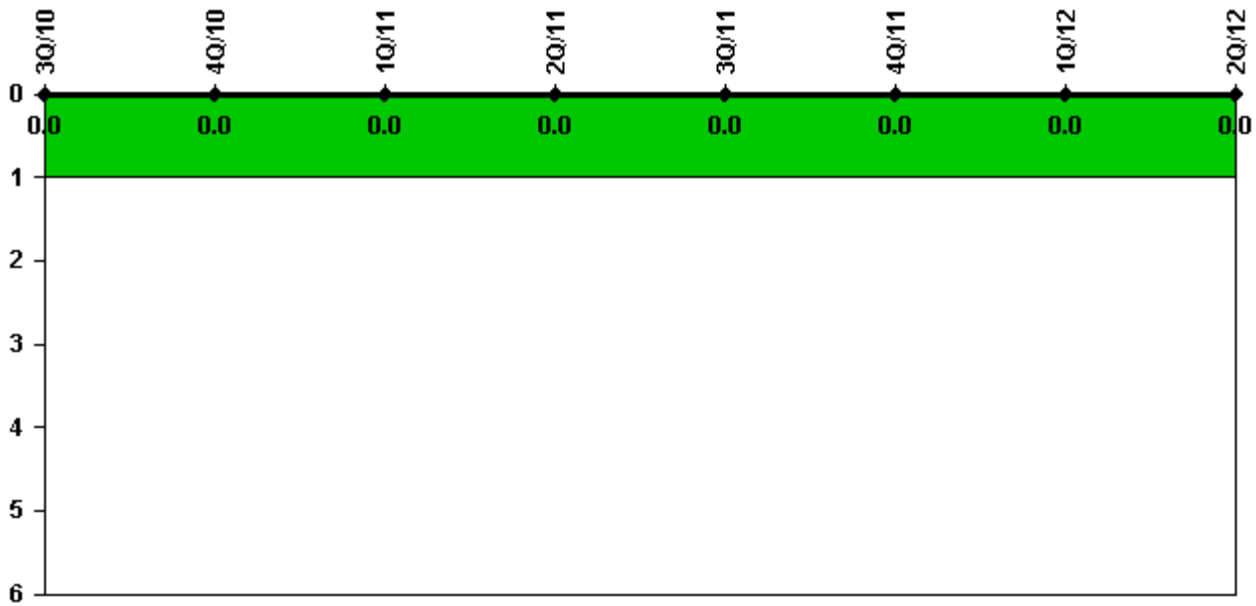
Notes

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	1249.6	2159.0	2184.0	2208.0	2209.0	2183.0	1072.9
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments:

2Q/12: There was a planned unit shutdown for RFO-17 starting April 21, 2012 and continuing into June 2012.

Unplanned Scrams with Complications



Thresholds: White > 1.0

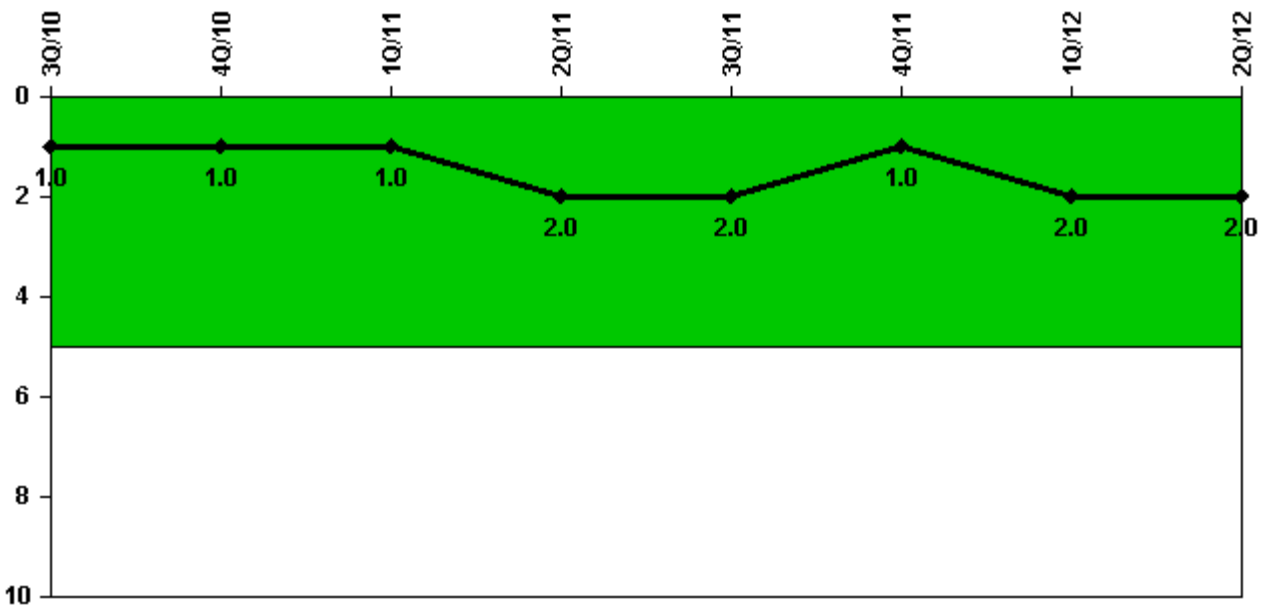
Notes

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	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments:

2Q/12: There was a planned unit shutdown for RFO-17 starting April 21, 2012 and continuing into June 2012.

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Safety System Functional Failures	0	1	0	1	0	0	1	1
Indicator value	1	1	1	2	2	1	2	2

Licensee Comments:

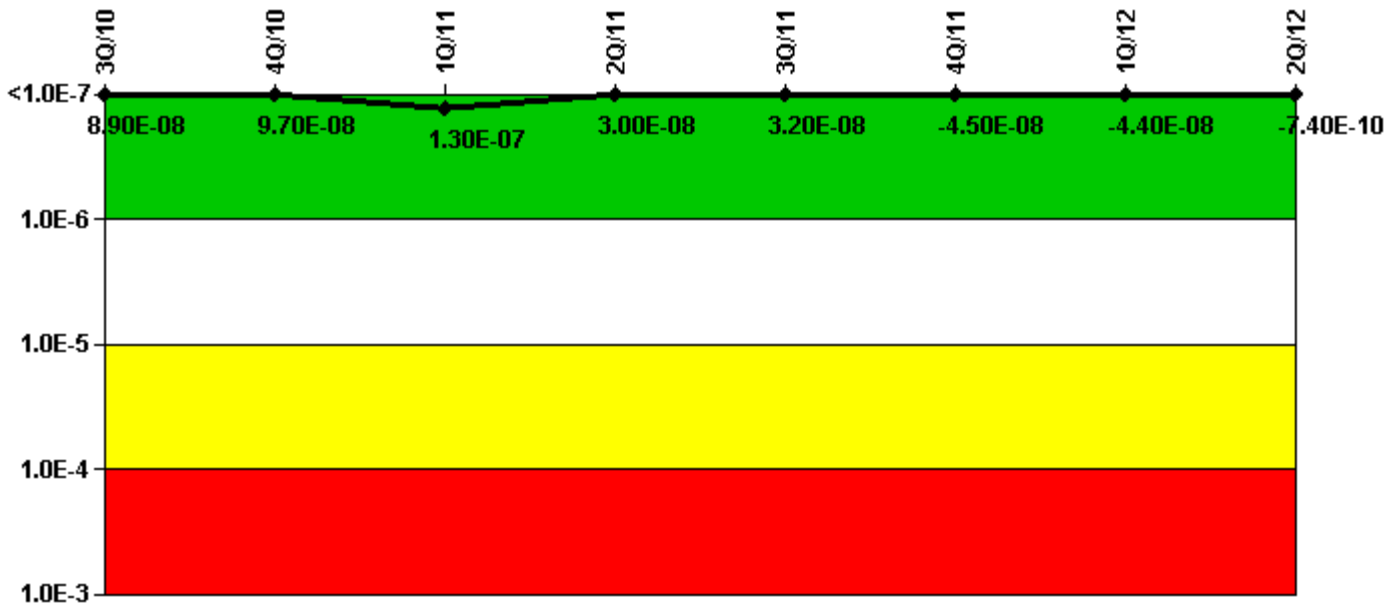
2Q/12: One LER (2012-001-00) was submitted for the month of June 2012, which describes a condition where unexpected long-term corrosion of valve piston rings caused delayed closing of Main Steam Isolation Valves.

1Q/12: One LER (2011-002-00) was submitted which describes an event in which the 1B-SB Emergency Diesel Generator was found to be inoperable because the engine may not have run for the entire seven day mission time due to drift of the speed setting.

2Q/11: LER 2010-002-01 was issued to supplement LER 2010-002-00 and describe a Main Steam Isolation Valve that failed to fully close during plant stabilization after a manual Rx trip.

4Q/10: Loss of Safety Function due to both trains of ECCS inoperable longer than allowed by Tech Specs. LER 2010-005.

Mitigating Systems Performance Index, Emergency AC Power System



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

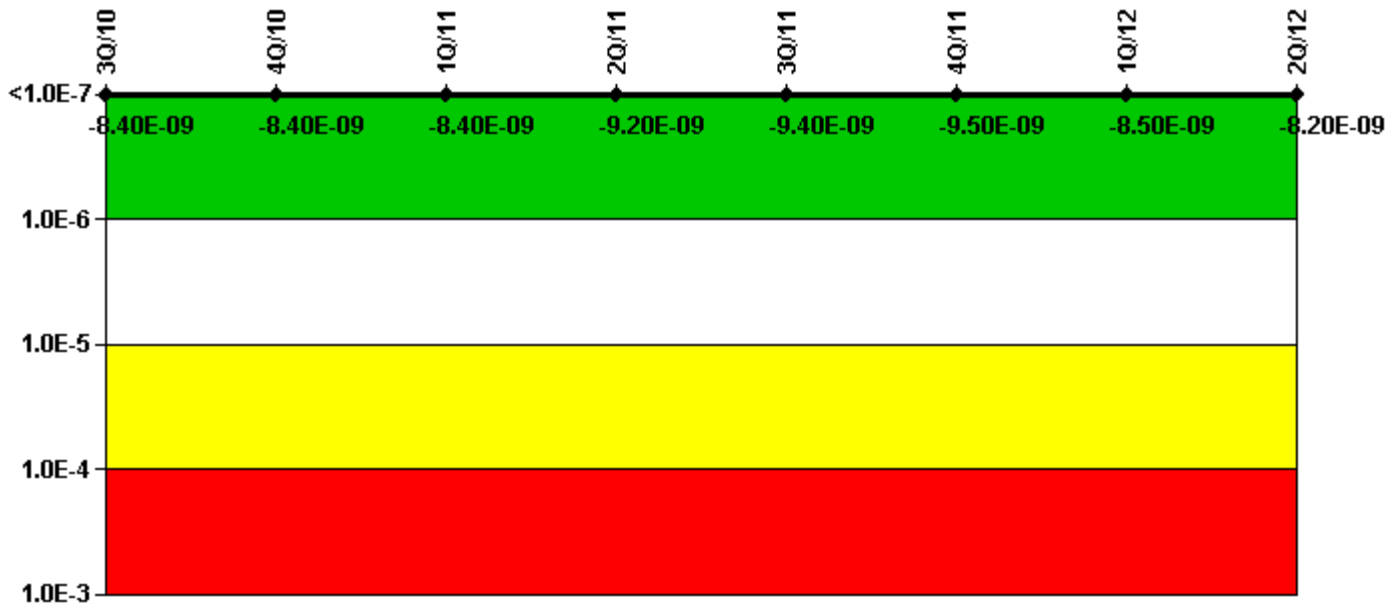
Notes

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 (Δ CDF)	1.76E-08	2.50E-08	5.44E-08	9.27E-09	1.13E-08	8.40E-09	9.54E-09	1.02E-08
URI (Δ CDF)	7.19E-08	7.19E-08	7.19E-08	2.03E-08	2.03E-08	-5.36E-08	-5.33E-08	-1.09E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	8.90E-08	9.70E-08	1.30E-07	3.00E-08	3.20E-08	-4.50E-08	-4.40E-08	-7.40E-10

Licensee Comments:

3Q/11: Corrected data has been submitted for EAC Planned unavailability for July 2010, March 2011, April 2011, May 2011, June 2011. No color change as a result of this updated data.

Mitigating Systems Performance Index, High Pressure Injection System



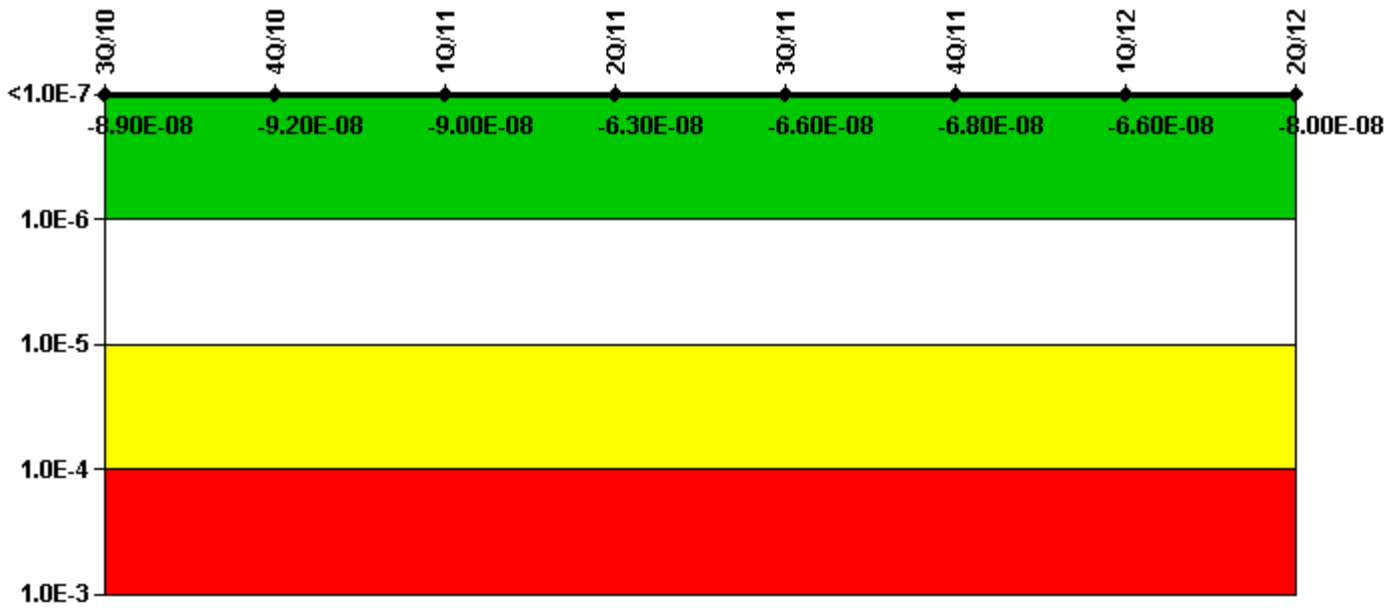
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (Δ CDF)	2.16E-09	2.22E-09	2.23E-09	6.86E-10	6.70E-10	6.70E-10	1.75E-09	2.00E-09
URI (Δ CDF)	-1.06E-08	-1.06E-08	-1.06E-08	-9.87E-09	-1.00E-08	-1.02E-08	-1.03E-08	-1.02E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-8.40E-09	-8.40E-09	-8.40E-09	-9.20E-09	-9.40E-09	-9.50E-09	-8.50E-09	-8.20E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



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

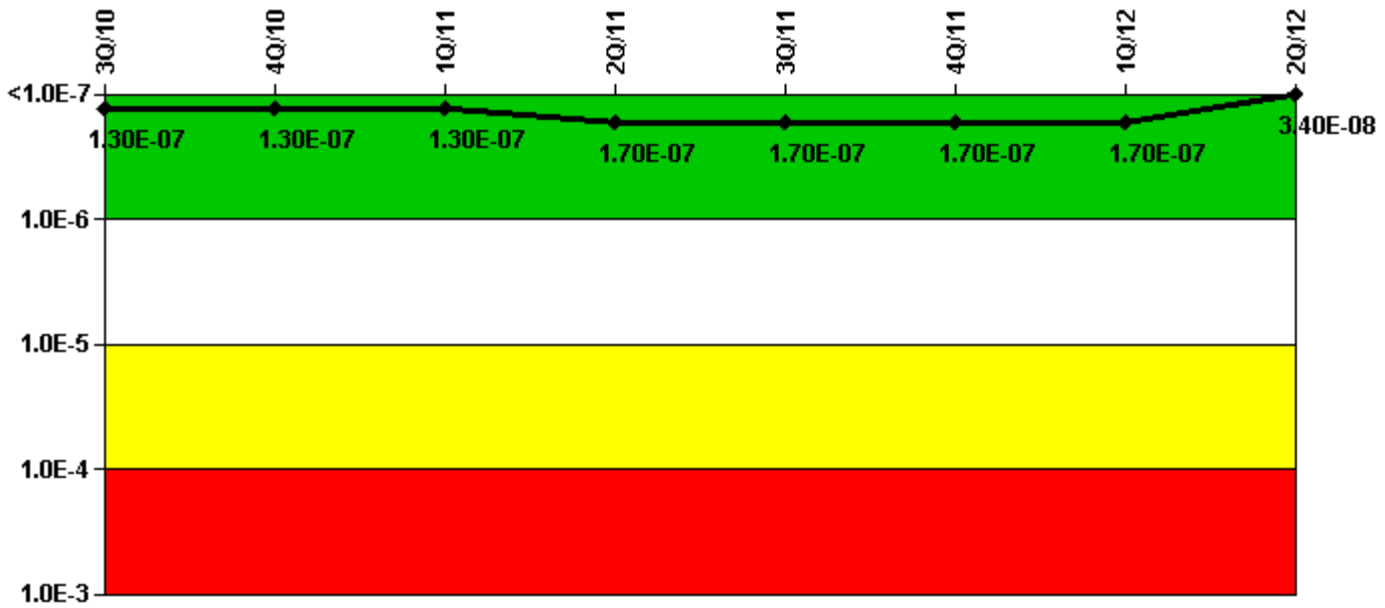
Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (Δ CDF)	1.04E-09	-2.94E-09	-1.66E-09	1.04E-08	7.60E-09	5.67E-09	8.30E-09	-6.82E-09
URI (Δ CDF)	-8.98E-08	-8.91E-08	-8.84E-08	-7.39E-08	-7.39E-08	-7.39E-08	-7.38E-08	-7.36E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-8.90E-08	-9.20E-08	-9.00E-08	-6.30E-08	-6.60E-08	-6.80E-08	-6.60E-08	-8.00E-08

Licensee Comments:

1Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System



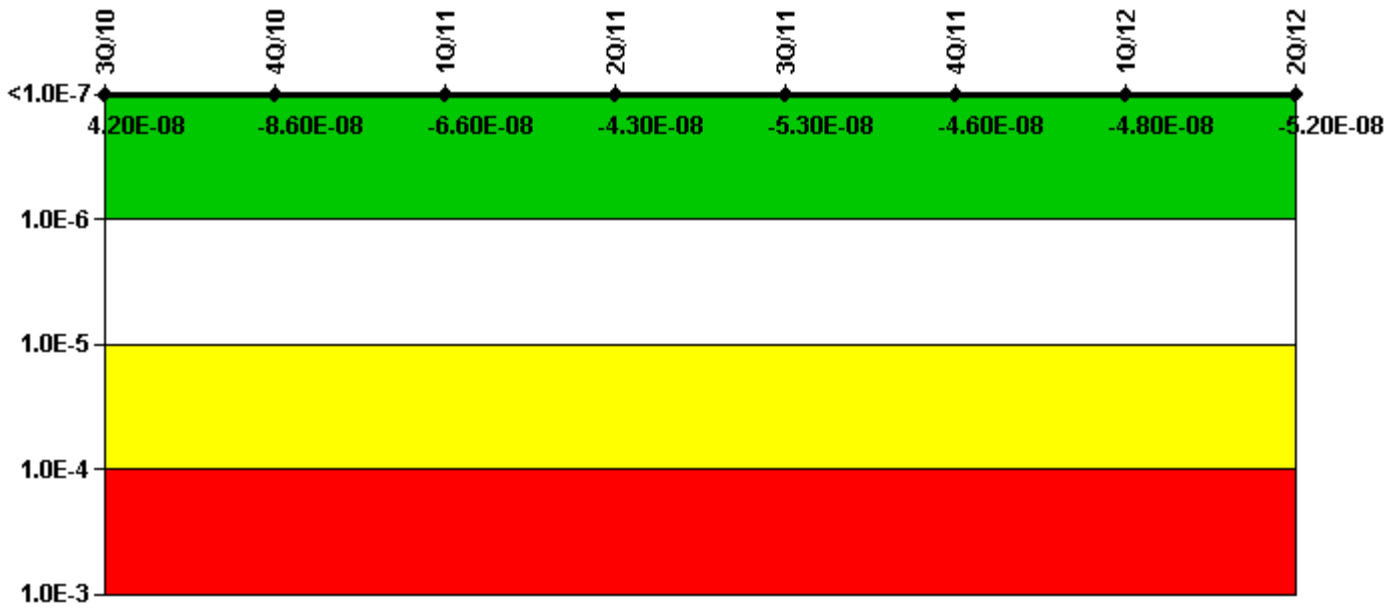
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (Δ CDF)	4.80E-10	2.99E-09	3.02E-09	3.68E-09	4.49E-09	4.04E-09	7.93E-09	1.04E-08
URI (Δ CDF)	1.27E-07	1.29E-07	1.31E-07	1.64E-07	1.64E-07	1.64E-07	1.65E-07	2.37E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.30E-07	1.30E-07	1.30E-07	1.70E-07	1.70E-07	1.70E-07	1.70E-07	3.40E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



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

Notes

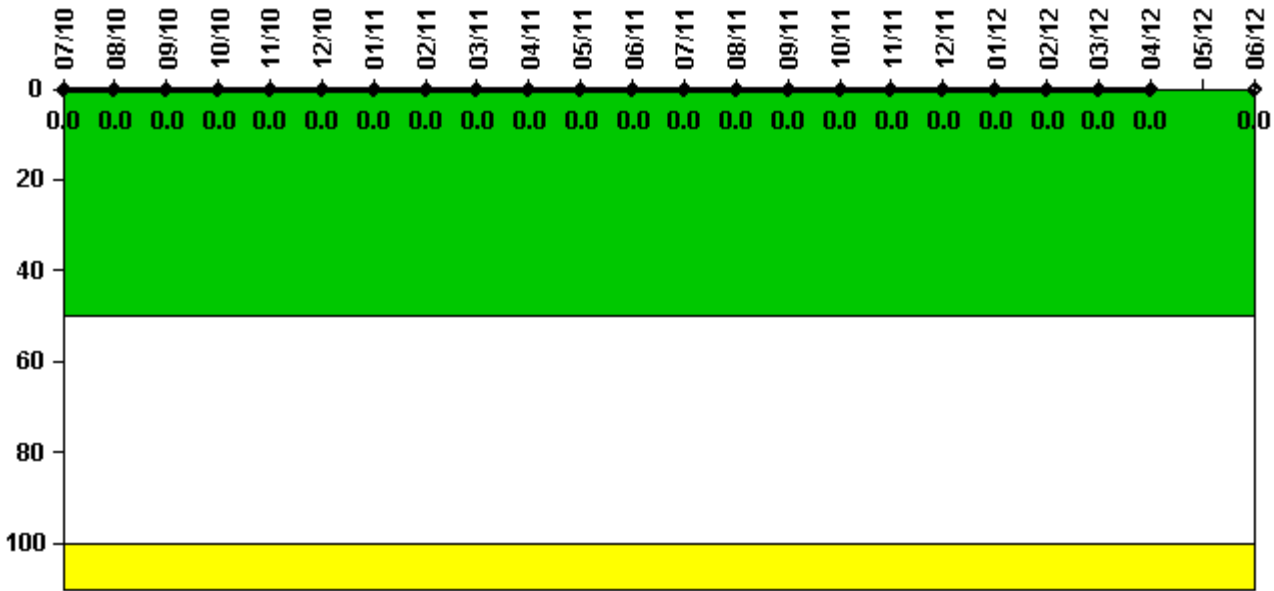
Mitigating Systems Performance Index, Cooling Water Systems	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (Δ CDF)	1.14E-07	1.06E-07	1.28E-07	6.40E-08	5.32E-08	6.02E-08	5.82E-08	5.43E-08
URI (Δ CDF)	-7.26E-08	-1.92E-07	-1.93E-07	-1.07E-07	-1.07E-07	-1.07E-07	-1.06E-07	-1.06E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.20E-08	8.60E-08	6.60E-08	4.30E-08	5.30E-08	4.60E-08	4.80E-08	5.20E-08

Licensee Comments:

1Q/12: Changed PRA Parameter(s).

2Q/11: Corrected data has been submitted for B ESW as it has been determined in an evaluation that no unavailability occurred as a result of the previously reported event. No color change results from this corrected data.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

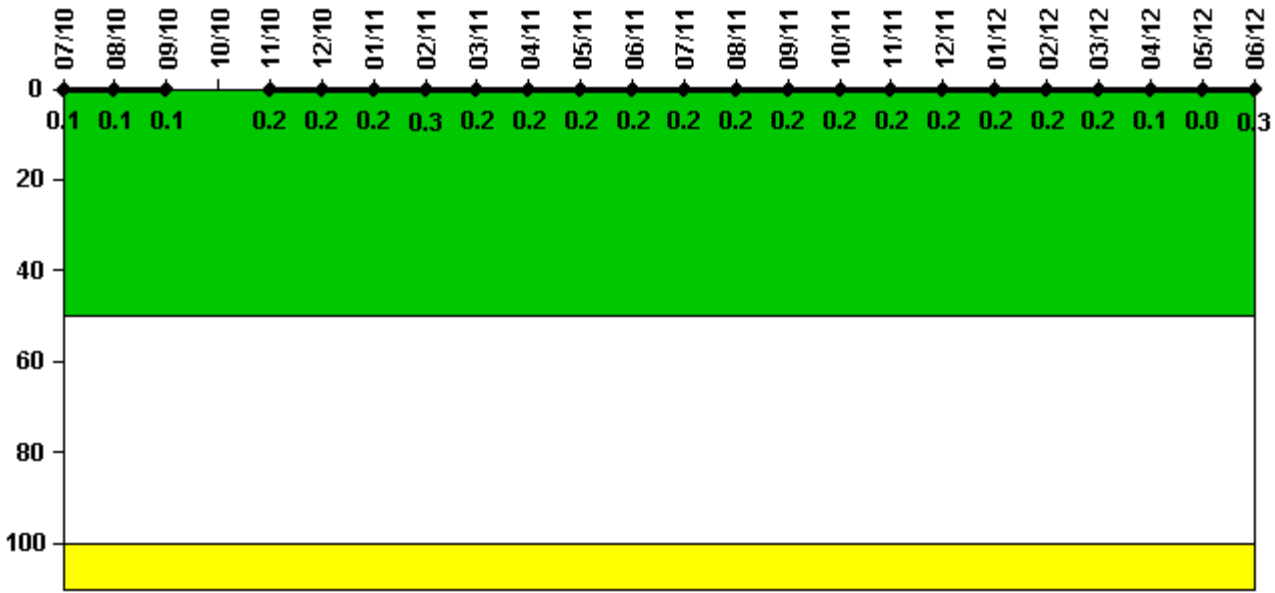
Notes

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	0.000162	0.000169	0.000173	0.000160	0.000085	0.000162	0.000186	0.000101	0.000105	0.000113	0.000403	0.000119
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12	4/12	5/12	6/12
Maximum activity	0.000126	0.000127	0.000130	0.000136	0.000138	0.000141	0.000202	0.000147	0.000158	0.000253	N/A	0.000049
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	N/A	0

Licensee Comments: none

Reactor Coolant System Leakage



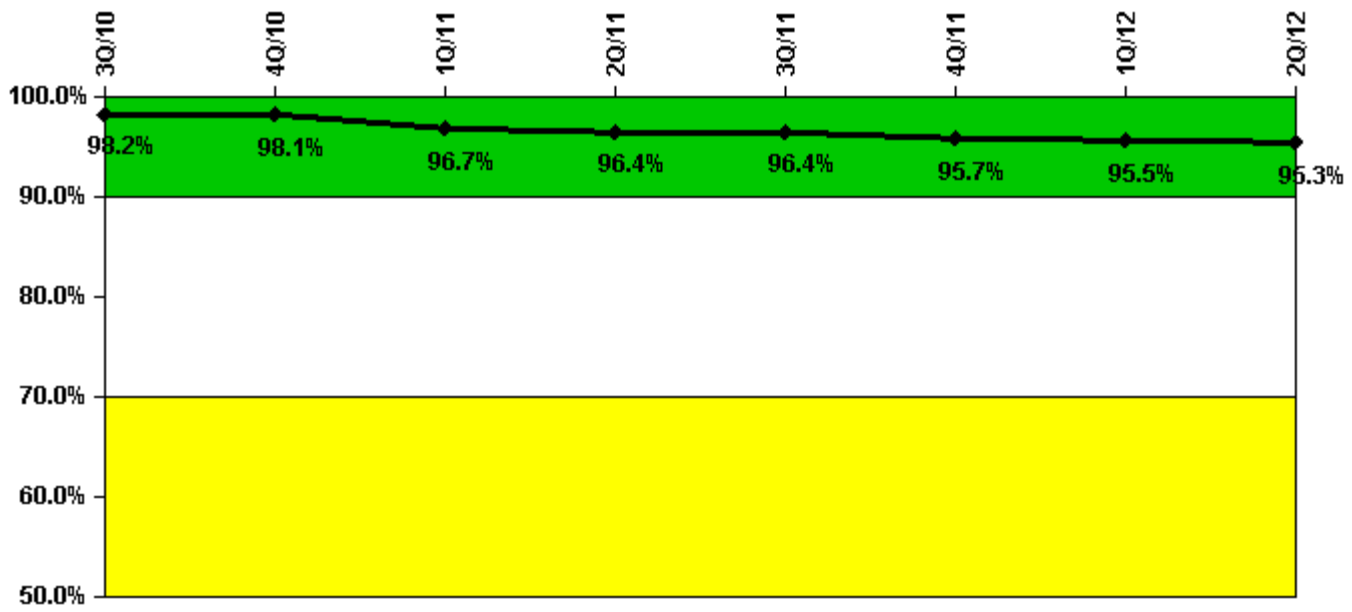
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11	4/11	5/11	6/11
Maximum leakage	0.012	0.014	0.012	N/A	0.016	0.019	0.018	0.030	0.020	0.019	0.019	0.017
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.1	0.1	N/A	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2
Reactor Coolant System Leakage	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12	4/12	5/12	6/12
Maximum leakage	0.019	0.018	0.017	0.019	0.018	0.017	0.017	0.016	0.016	0.014	0	0.026
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0	0.3

Licensee Comments: none

Drill/Exercise Performance



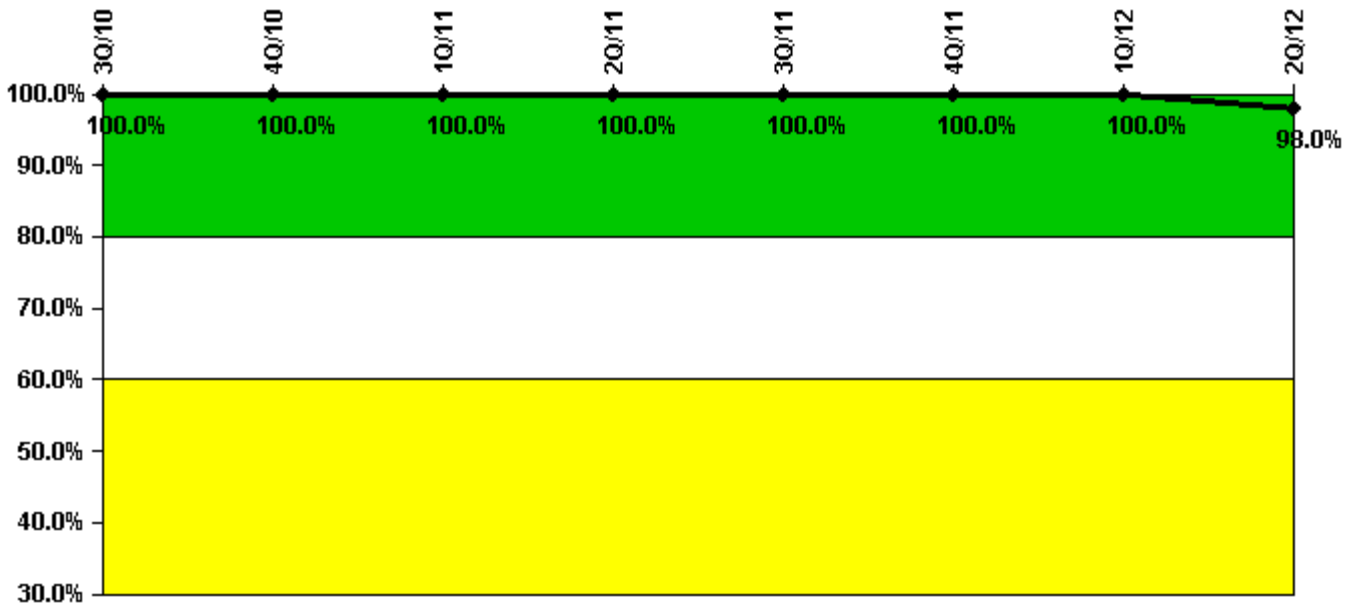
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Successful opportunities	27.0	8.0	35.0	29.0	24.0	32.0	25.0	2.0
Total opportunities	28.0	8.0	39.0	30.0	25.0	34.0	25.0	2.0
Indicator value	98.2%	98.1%	96.7%	96.4%	96.4%	95.7%	95.5%	95.3%

Licensee Comments: none

ERO Drill Participation



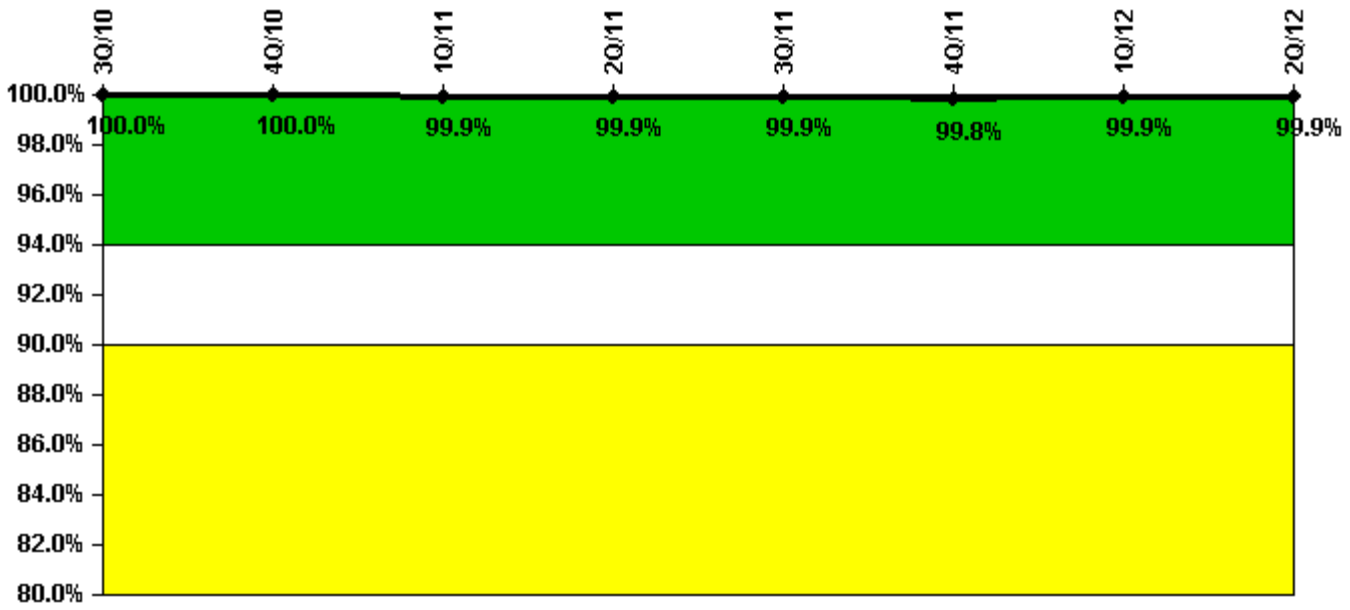
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Participating Key personnel	49.0	48.0	42.0	46.0	47.0	52.0	54.0	50.0
Total Key personnel	49.0	48.0	42.0	46.0	47.0	52.0	54.0	51.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	98.0%

Licensee Comments: none

Alert & Notification System



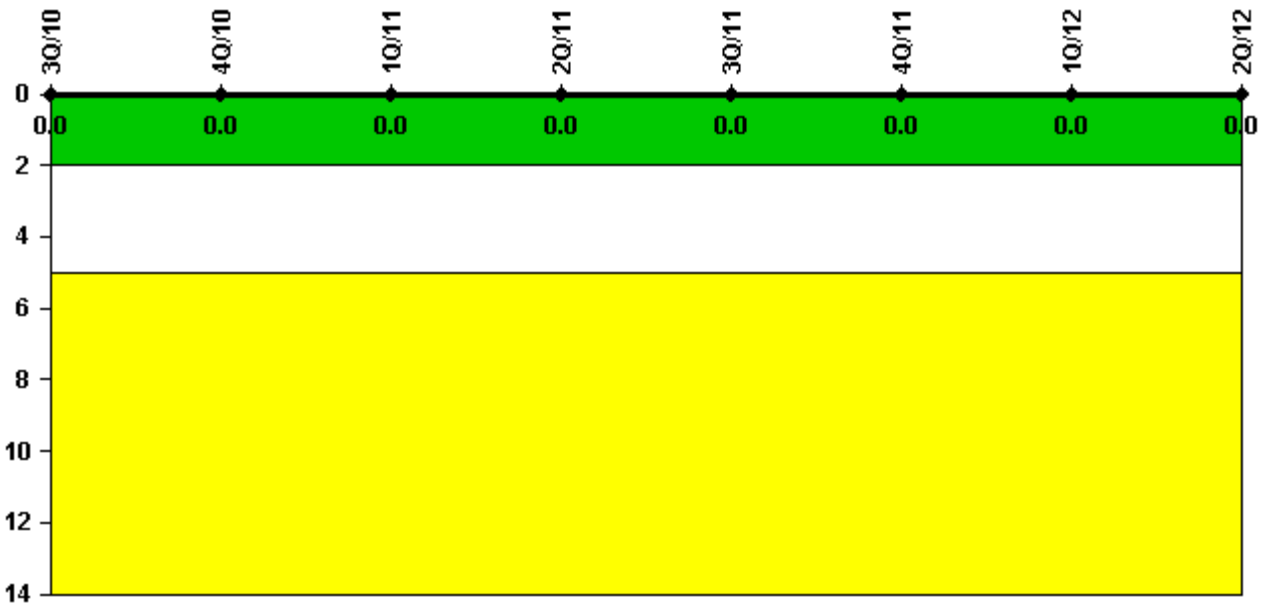
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Successful siren-tests	747	581	662	581	746	663	664	581
Total sirens-tests	747	581	664	581	747	664	664	581
Indicator value	100.0%	100.0%	99.9%	99.9%	99.9%	99.8%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



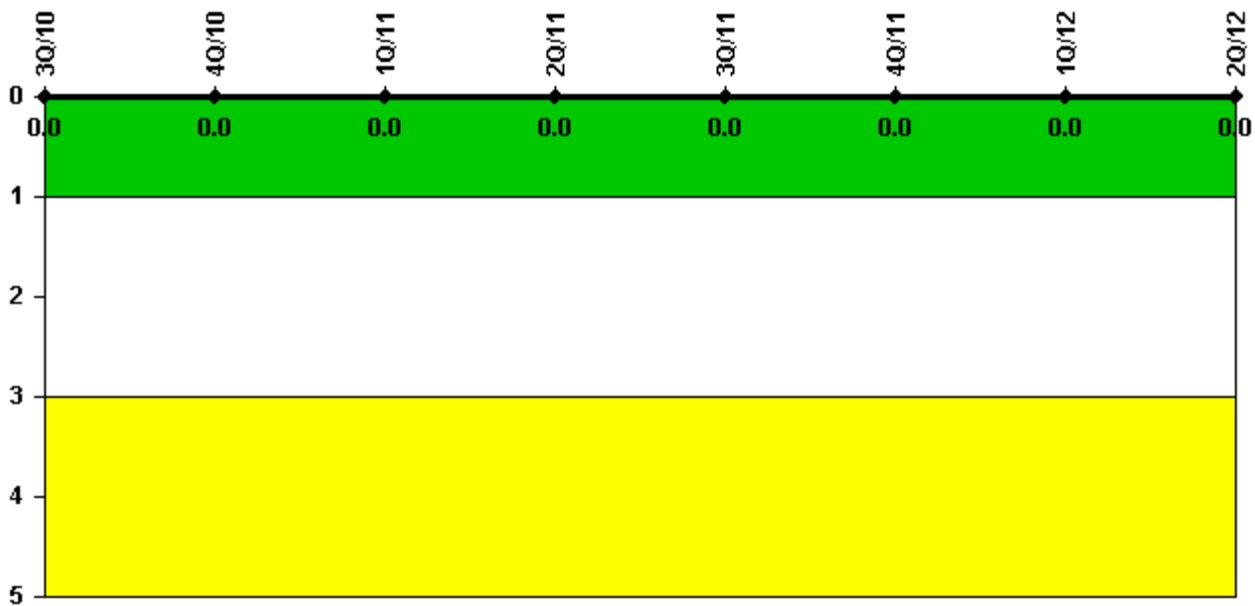
Thresholds: White > 2.0 Yellow > 5.0

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	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/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.

Harris 1

3Q/2012 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

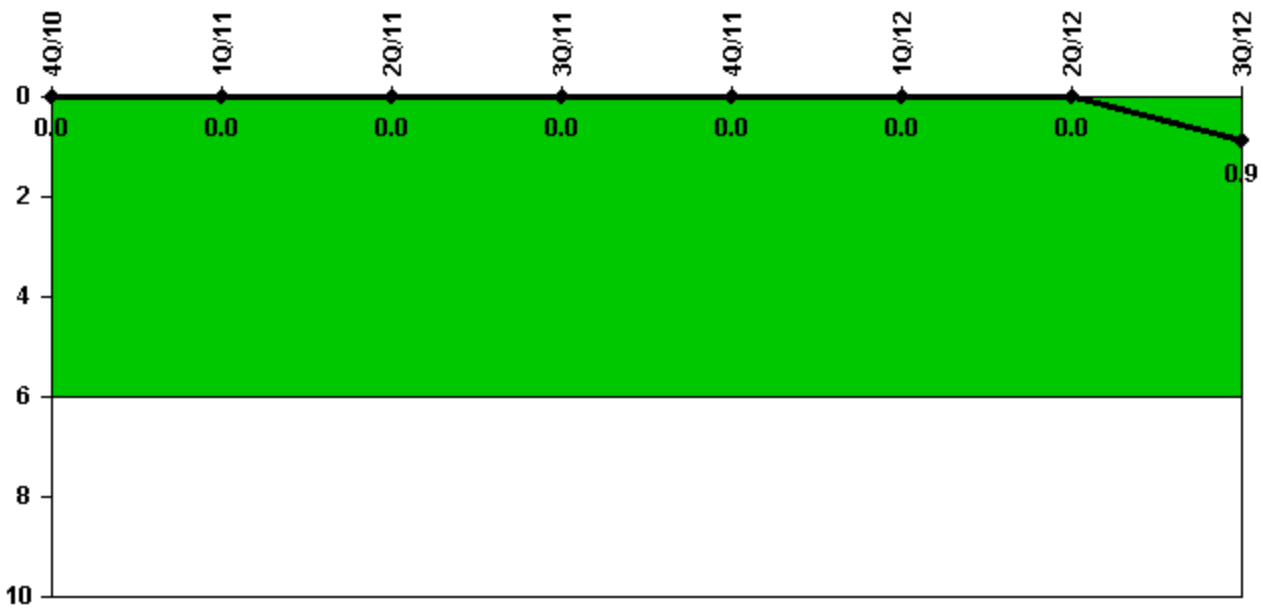
Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	1249.6	2159.0	2184.0	2208.0	2209.0	2183.0	1072.9	2208.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments:

2Q/12: There was a planned unit shutdown for RFO-17 starting April 21, 2012 and continuing into June 2012.

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

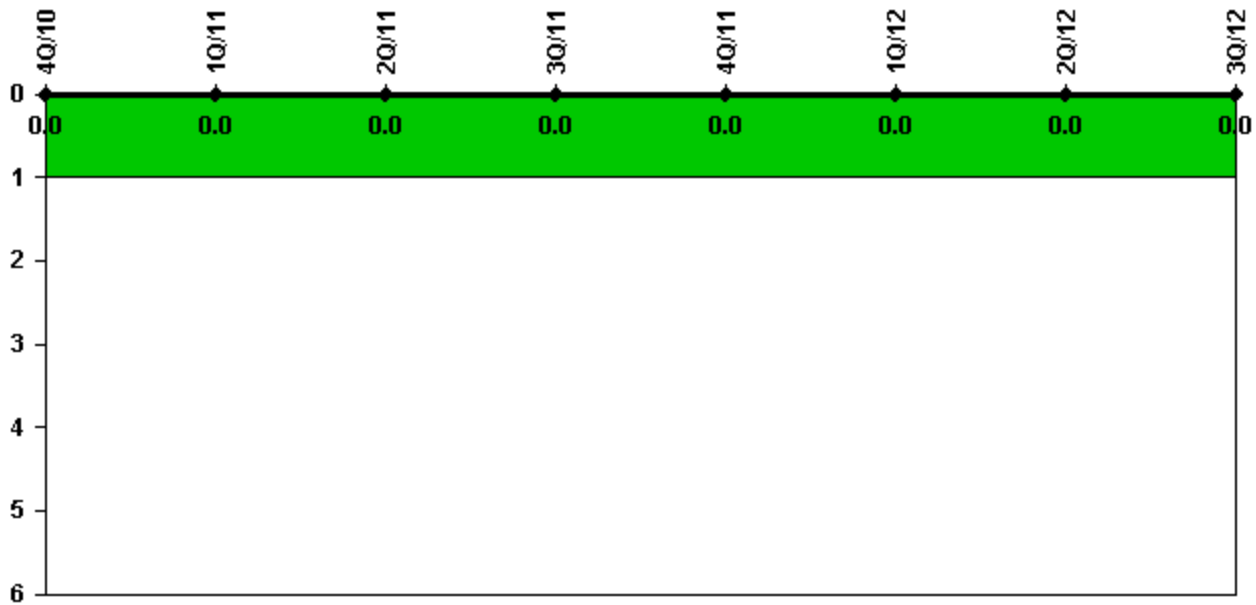
Notes

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	1249.6	2159.0	2184.0	2208.0	2209.0	2183.0	1072.9	2208.0
Indicator value	0	0	0	0	0	0	0	0.9

Licensee Comments:

2Q/12: There was a planned unit shutdown for RFO-17 starting April 21, 2012 and continuing into June 2012.

Unplanned Scrams with Complications



Thresholds: White > 1.0

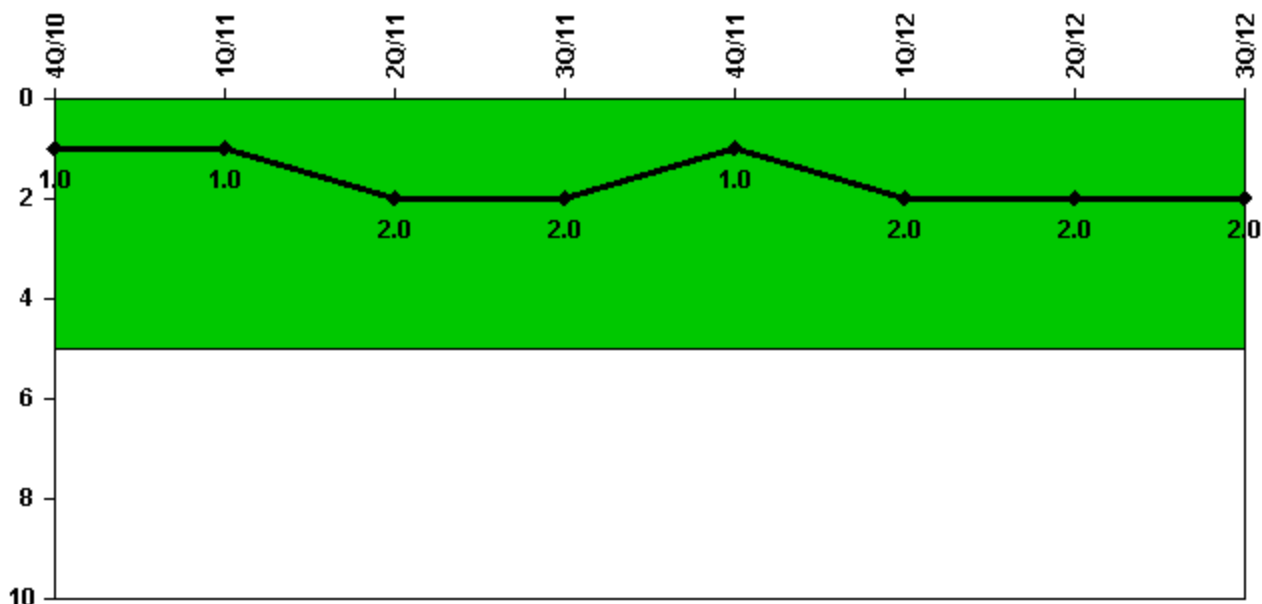
Notes

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	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments:

2Q/12: There was a planned unit shutdown for RFO-17 starting April 21, 2012 and continuing into June 2012.

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Safety System Functional Failures	1	0	1	0	0	1	1	0
Indicator value	1	1	2	2	1	2	2	2

Licensee Comments:

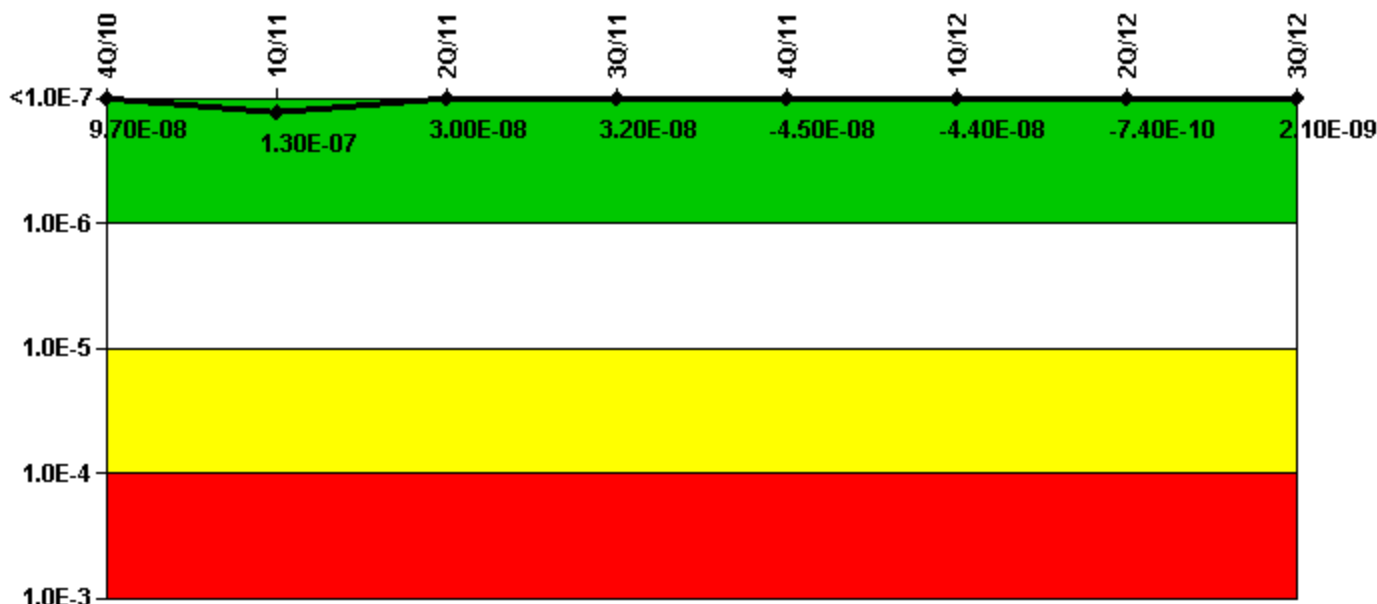
2Q/12: One LER (2012-001-00) was submitted for the month of June 2012, which describes a condition where unexpected long-term corrosion of valve piston rings caused delayed closing of Main Steam Isolation Valves.

1Q/12: One LER (2011-002-00) was submitted which describes an event in which the 1B-SB Emergency Diesel Generator was found to be inoperable because the engine may not have run for the entire seven day mission time due to drift of the speed setting.

2Q/11: LER 2010-002-01 was issued to supplement LER 2010-002-00 and describe a Main Steam Isolation Valve that failed to fully close during plant stabilization after a manual Rx trip.

4Q/10: Loss of Safety Function due to both trains of ECCS inoperable longer than allowed by Tech Specs. LER 2010-005.

Mitigating Systems Performance Index, Emergency AC Power System



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

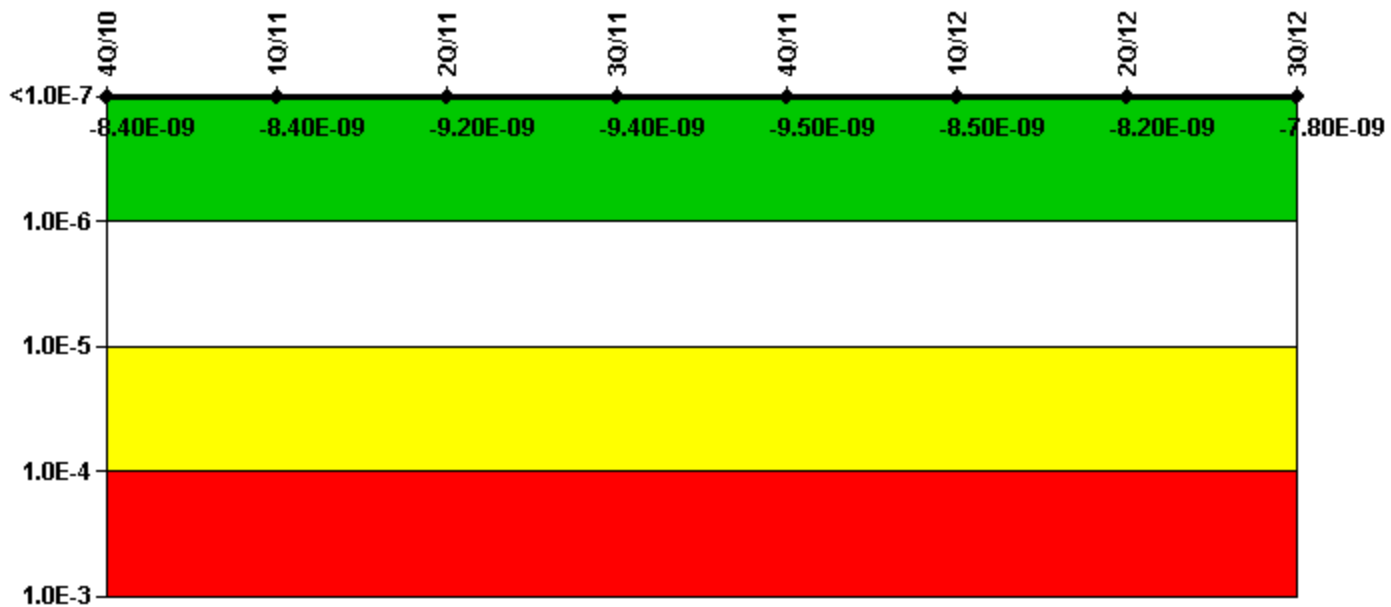
Notes

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)	2.50E-08	5.44E-08	9.27E-09	1.13E-08	8.40E-09	9.54E-09	1.02E-08	1.27E-08
URI (Δ CDF)	7.19E-08	7.19E-08	2.03E-08	2.03E-08	-5.36E-08	-5.33E-08	-1.09E-08	-1.06E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	9.70E-08	1.30E-07	3.00E-08	3.20E-08	-4.50E-08	-4.40E-08	-7.40E-10	2.10E-09

Licensee Comments:

3Q/11: Corrected data has been submitted for EAC Planned unavailability for July 2010, March 2011, April 2011, May 2011, June 2011. No color change as a result of this updated data.

Mitigating Systems Performance Index, High Pressure Injection System



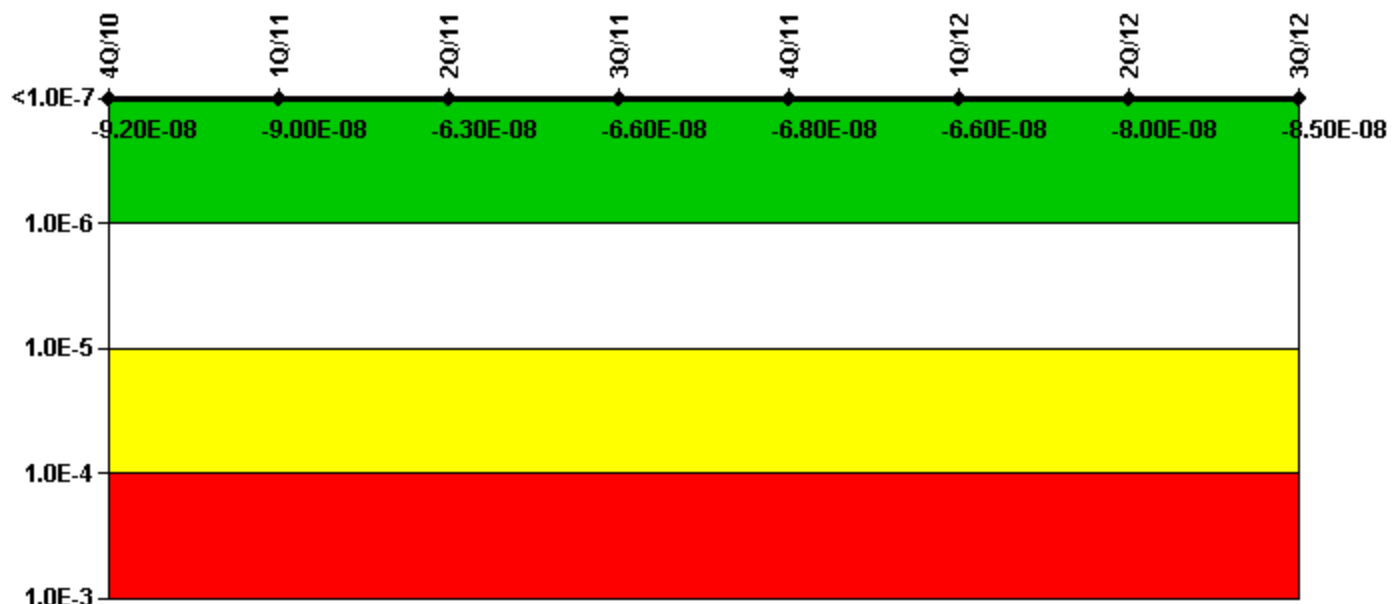
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	2.22E-09	2.23E-09	6.86E-10	6.70E-10	6.70E-10	1.75E-09	2.00E-09	2.28E-09
URI (Δ CDF)	-1.06E-08	-1.06E-08	-9.87E-09	-1.00E-08	-1.02E-08	-1.03E-08	-1.02E-08	-1.01E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-8.40E-09	-8.40E-09	-9.20E-09	-9.40E-09	-9.50E-09	-8.50E-09	-8.20E-09	-7.80E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



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

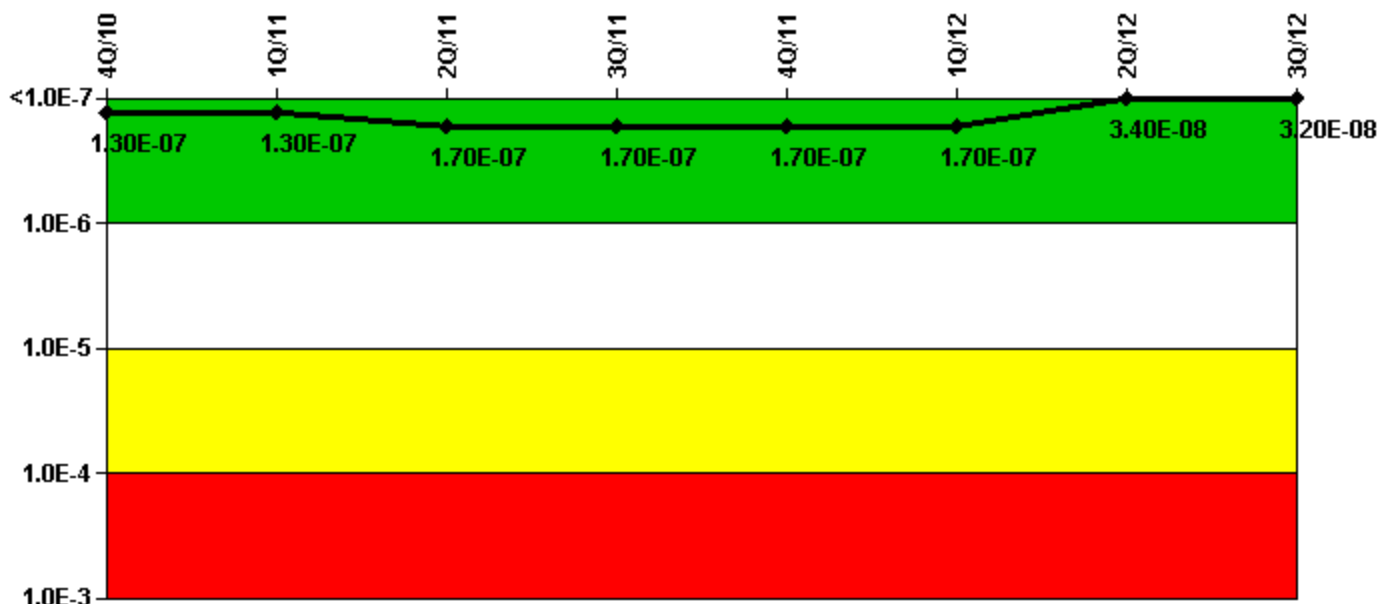
Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
UAI (Δ CDF)	-2.94E-09	-1.66E-09	1.04E-08	7.60E-09	5.67E-09	8.30E-09	-6.82E-09	-1.15E-08
URI (Δ CDF)	-8.91E-08	-8.84E-08	-7.39E-08	-7.39E-08	-7.39E-08	-7.38E-08	-7.36E-08	-7.33E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-9.20E-08	-9.00E-08	-6.30E-08	-6.60E-08	-6.80E-08	-6.60E-08	-8.00E-08	-8.50E-08

Licensee Comments:

1Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System



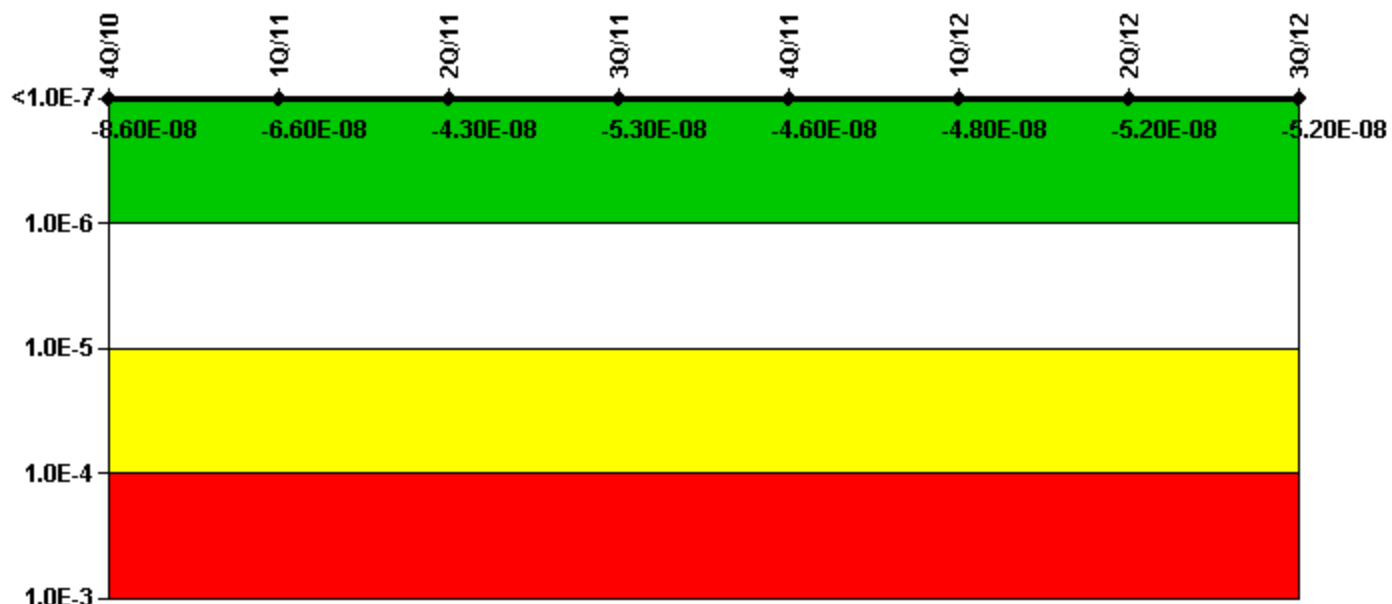
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
UAI (ΔCDF)	2.99E-09	3.02E-09	3.68E-09	4.49E-09	4.04E-09	7.93E-09	1.04E-08	7.45E-09
URI (ΔCDF)	1.29E-07	1.31E-07	1.64E-07	1.64E-07	1.64E-07	1.65E-07	2.37E-08	2.43E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.30E-07	1.30E-07	1.70E-07	1.70E-07	1.70E-07	1.70E-07	3.40E-08	3.20E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



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

Notes

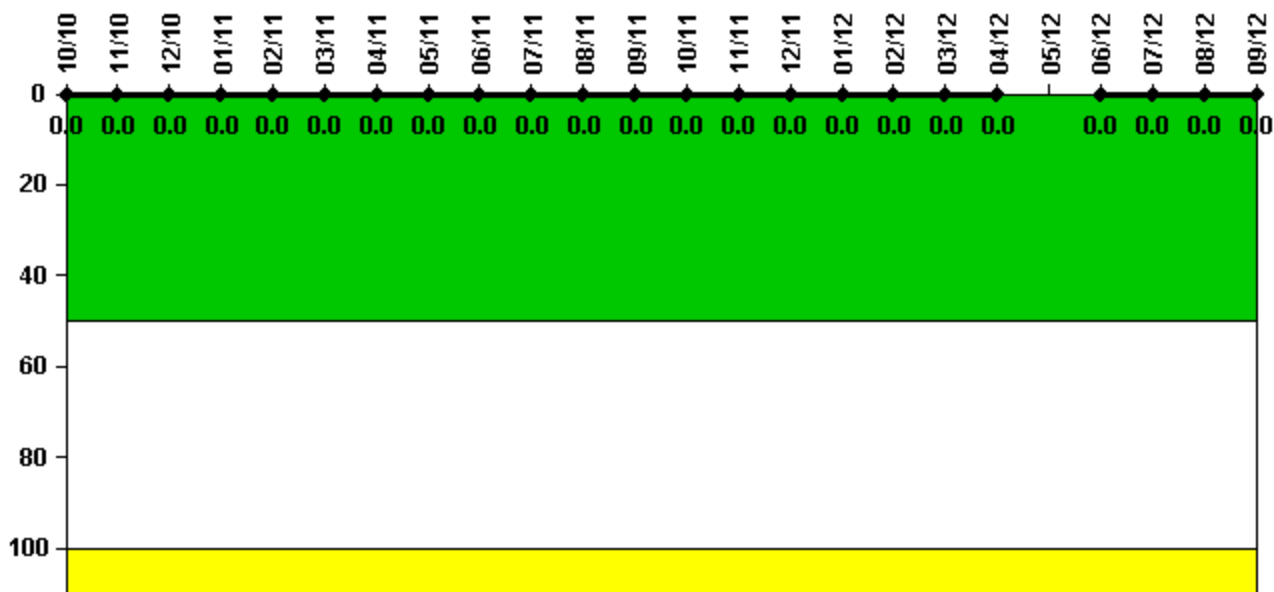
Mitigating Systems Performance Index, Cooling Water Systems	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
UAI (Δ CDF)	1.06E-07	1.28E-07	6.40E-08	5.32E-08	6.02E-08	5.82E-08	5.43E-08	5.38E-08
URI (Δ CDF)	-1.92E-07	-1.93E-07	-1.07E-07	-1.07E-07	-1.07E-07	-1.06E-07	-1.06E-07	-1.06E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-8.60E-08	-6.60E-08	-4.30E-08	-5.30E-08	-4.60E-08	-4.80E-08	-5.20E-08	-5.20E-08

Licensee Comments:

1Q/12: Changed PRA Parameter(s).

2Q/11: Corrected data has been submitted for B ESW as it has been determined in an evaluation that no unavailability occurred as a result of the previously reported event. No color change results from this corrected data.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

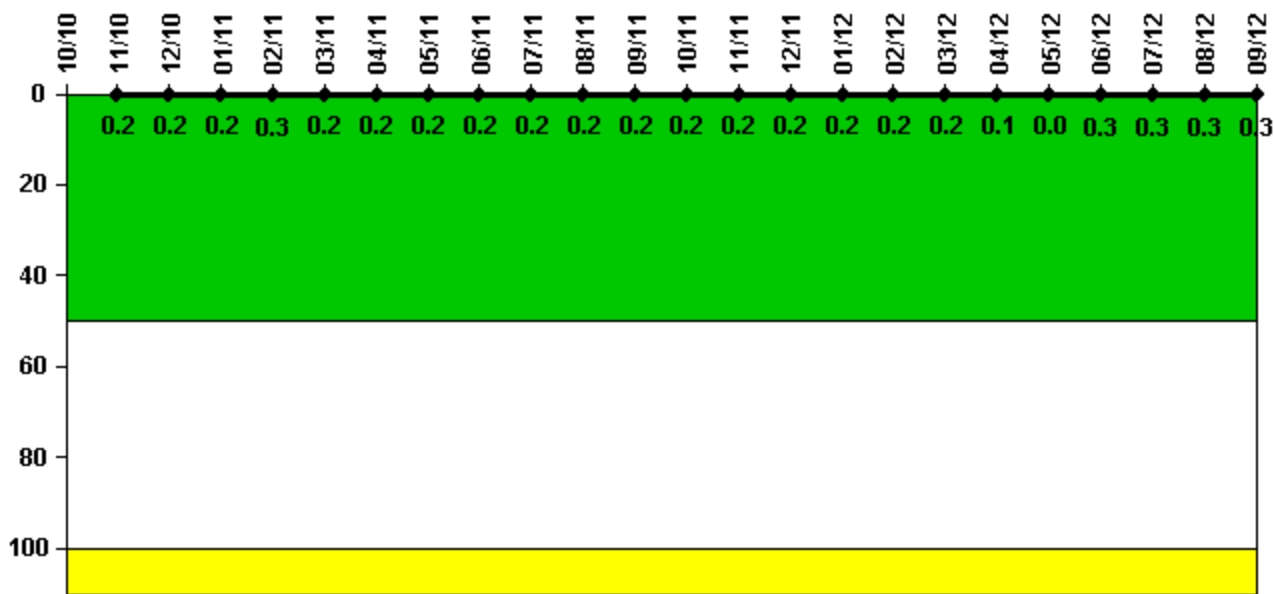
Notes

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	0.000160	0.000085	0.000162	0.000186	0.000101	0.000105	0.000113	0.000403	0.000119	0.000126	0.000127	0.000130
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	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	0.000136	0.000138	0.000141	0.000202	0.000147	0.000158	0.000253	N/A	0.000049	0.000060	0.000347	0.000074
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	N/A	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



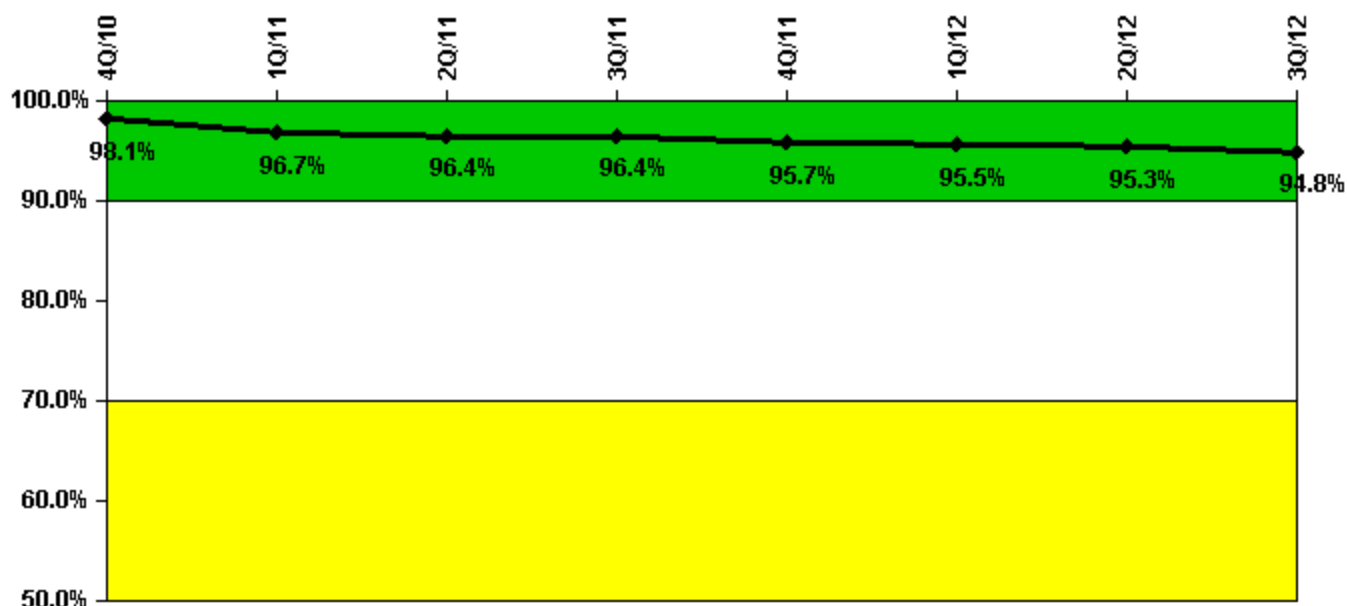
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	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	N/A	0.016	0.019	0.018	0.030	0.020	0.019	0.019	0.017	0.019	0.018	0.017
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	N/A	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Reactor Coolant System Leakage	10/11	11/11	12/11	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12
Maximum leakage	0.019	0.018	0.017	0.017	0.016	0.016	0.014	0	0.026	0.026	0.025	0.027
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0	0.3	0.3	0.3	0.3

Licensee Comments: none

Drill/Exercise Performance



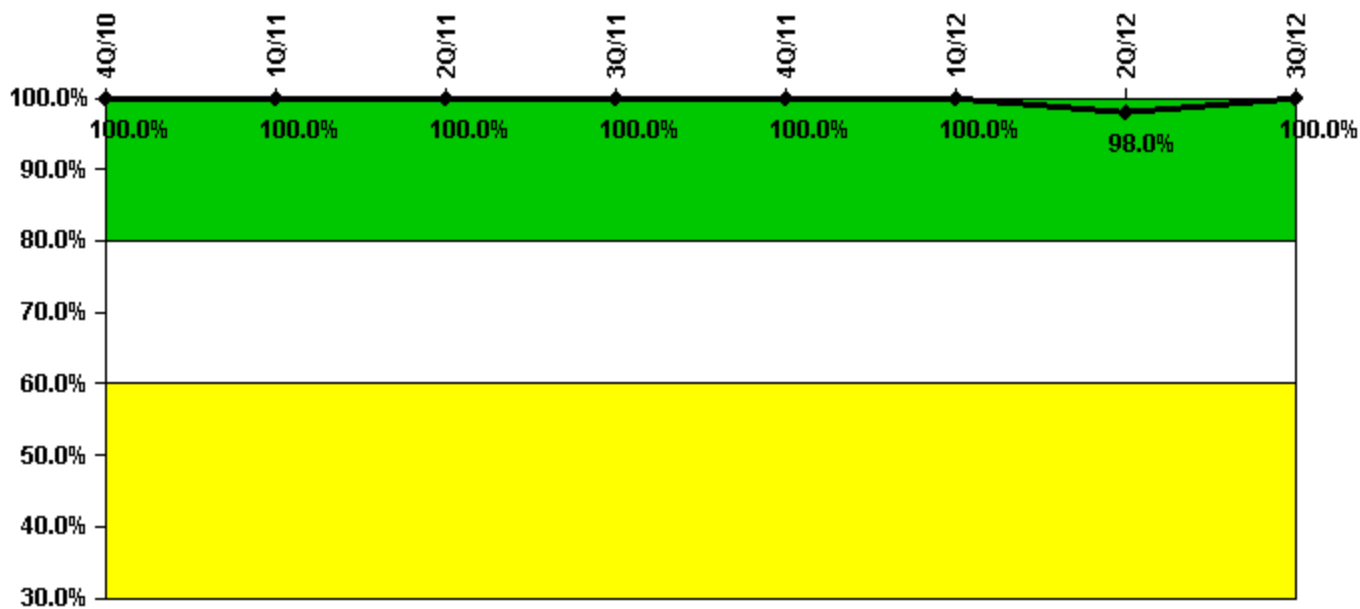
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Successful opportunities	8.0	35.0	29.0	24.0	32.0	25.0	2.0	45.0
Total opportunities	8.0	39.0	30.0	25.0	34.0	25.0	2.0	48.0
Indicator value	98.1%	96.7%	96.4%	96.4%	95.7%	95.5%	95.3%	94.8%

Licensee Comments: none

ERO Drill Participation



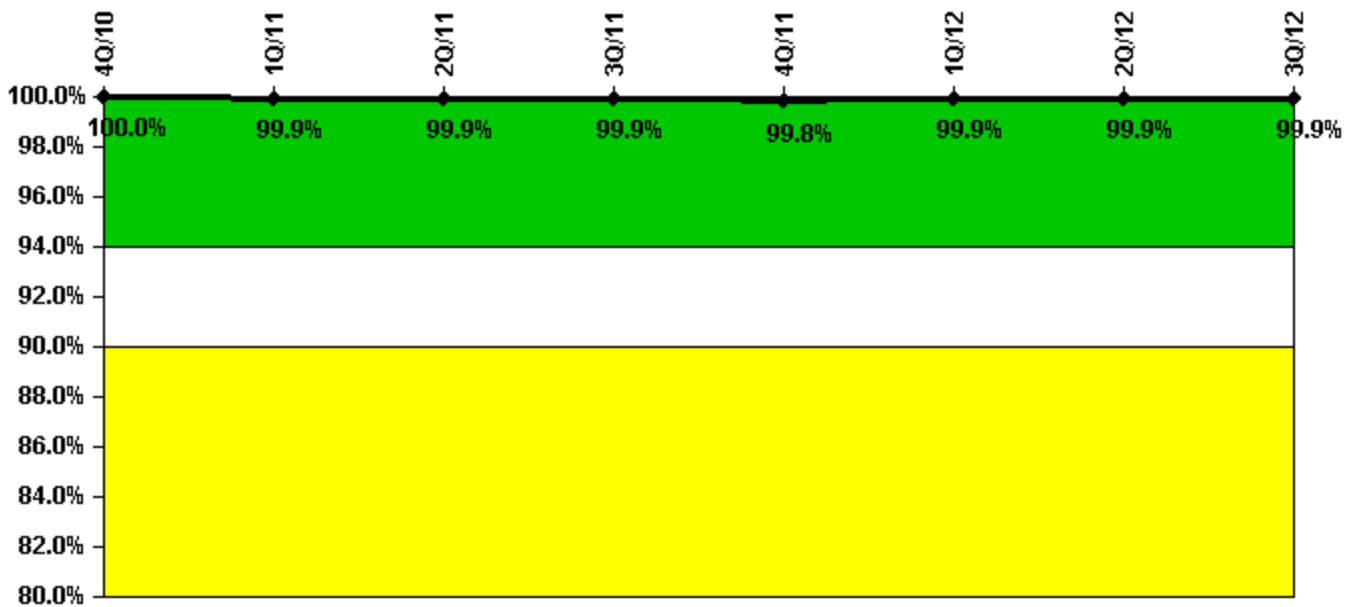
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Participating Key personnel	48.0	42.0	46.0	47.0	52.0	54.0	50.0	50.0
Total Key personnel	48.0	42.0	46.0	47.0	52.0	54.0	51.0	50.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	98.0%	100.0%

Licensee Comments: none

Alert & Notification System



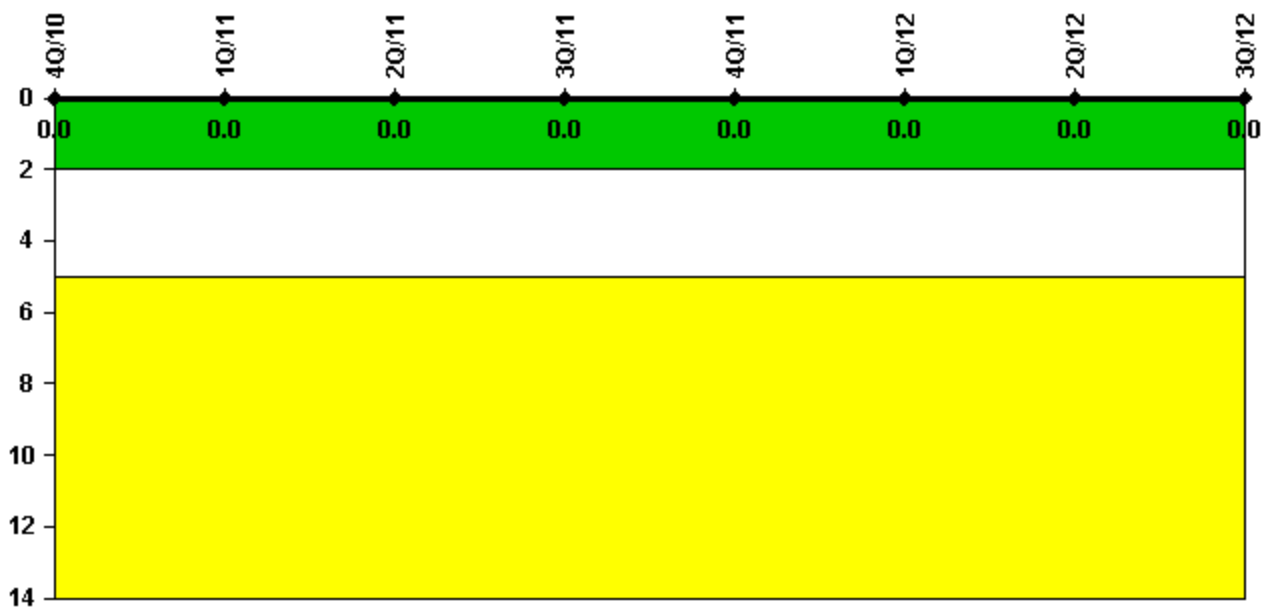
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Successful siren-tests	581	662	581	746	663	664	581	746
Total sirens-tests	581	664	581	747	664	664	581	747
Indicator value	100.0%	99.9%	99.9%	99.9%	99.8%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



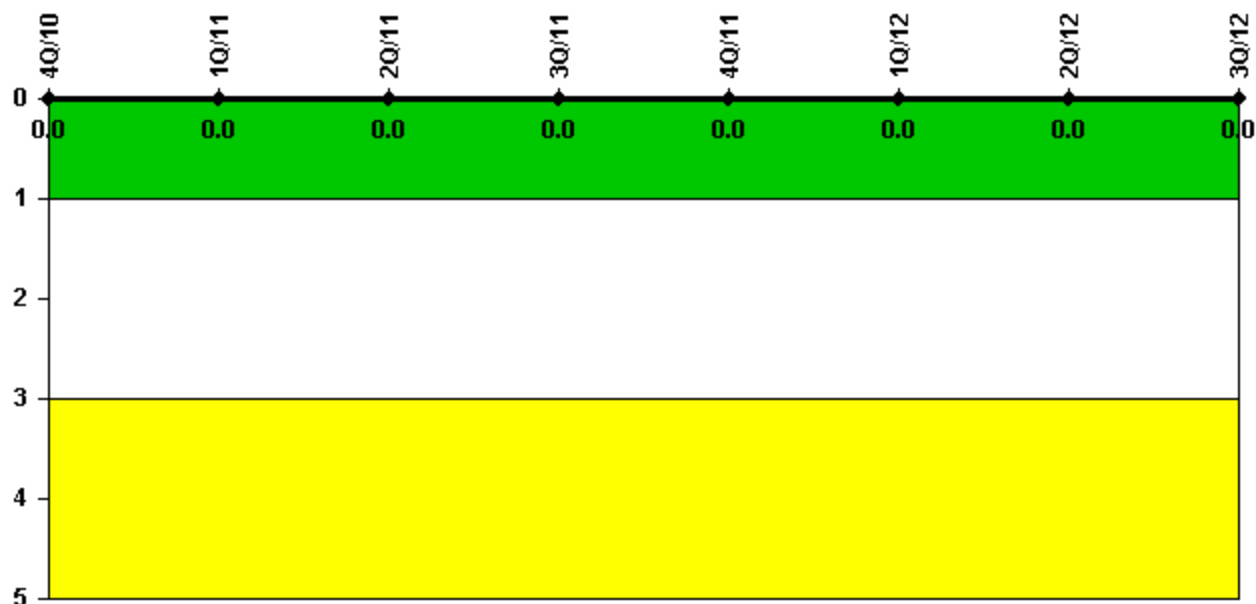
Thresholds: White > 2.0 Yellow > 5.0

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	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/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	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](#)

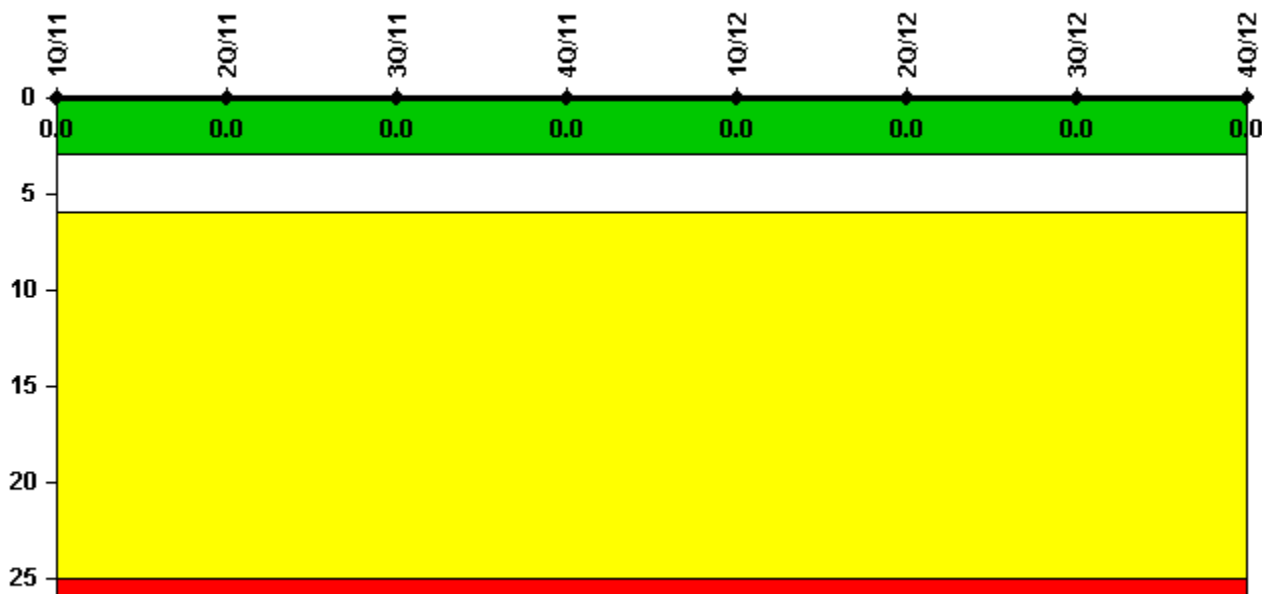
Last Modified: October 24, 2012

Harris 1

4Q/2012 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

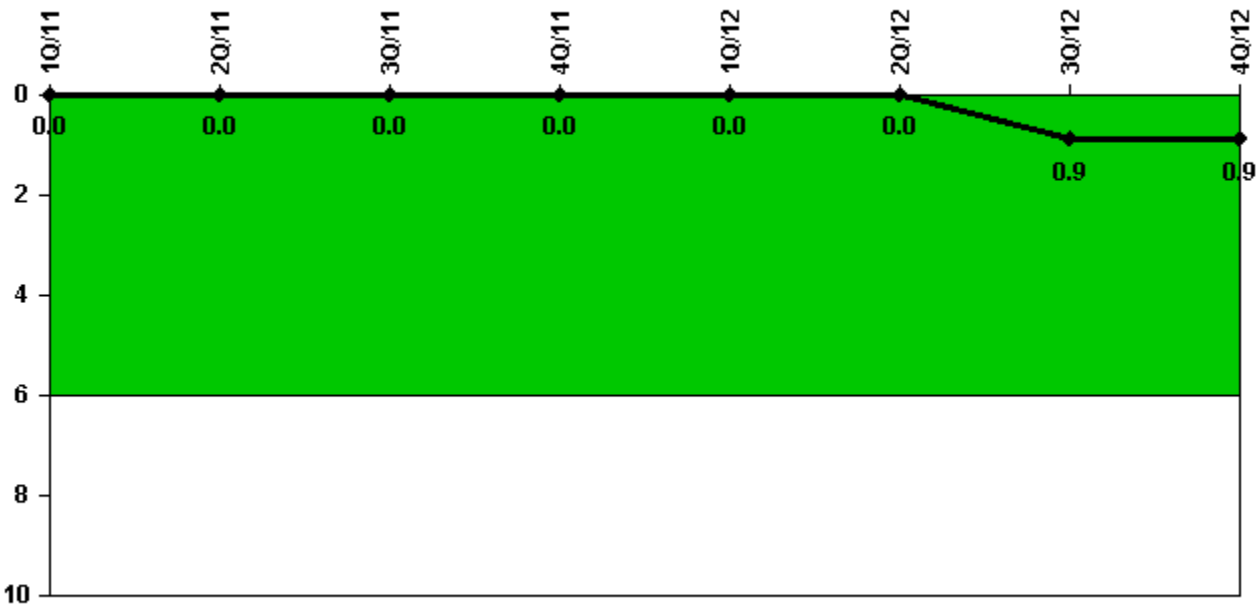
Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2159.0	2184.0	2208.0	2209.0	2183.0	1072.9	2208.0	2209.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments:

2Q/12: There was a planned unit shutdown for RFO-17 starting April 21, 2012 and continuing into June 2012.

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

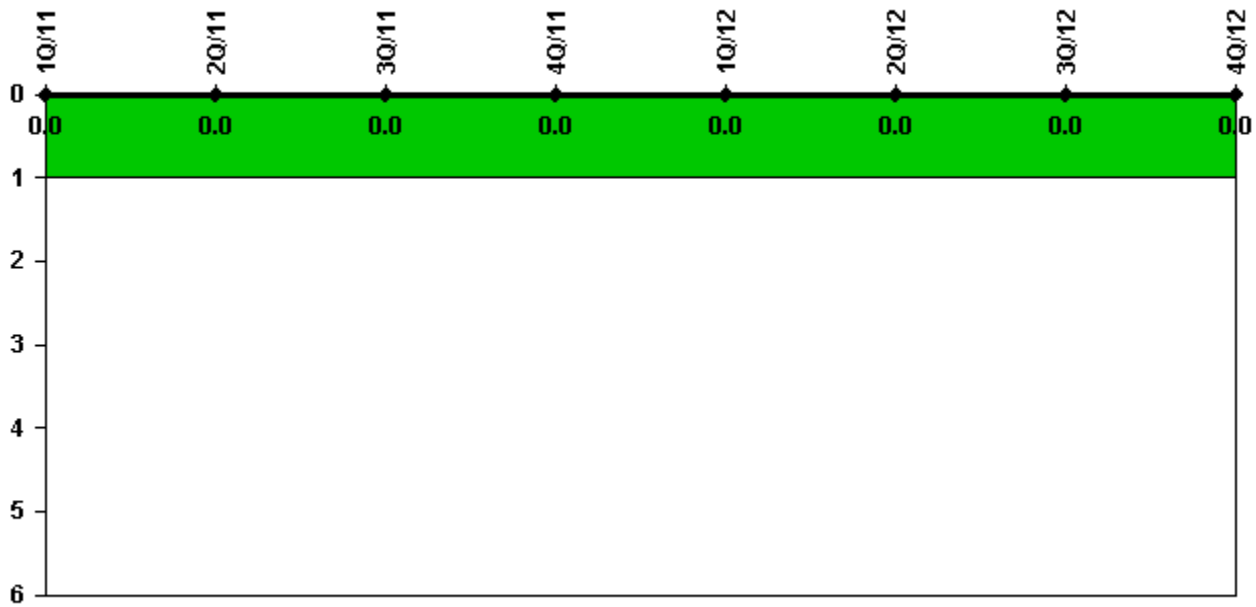
Notes

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	2209.0	2183.0	1072.9	2208.0	2209.0
Indicator value	0	0	0	0	0	0	0.9	0.9

Licensee Comments:

2Q/12: There was a planned unit shutdown for RFO-17 starting April 21, 2012 and continuing into June 2012.

Unplanned Scrams with Complications



Thresholds: White > 1.0

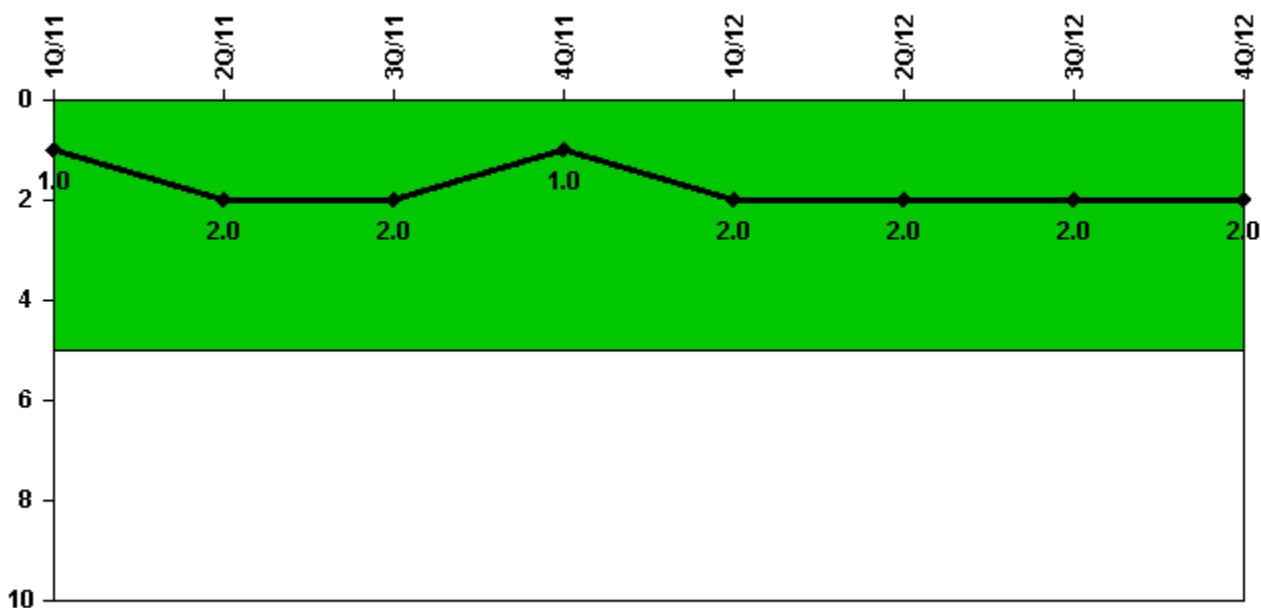
Notes

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	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments:

2Q/12: There was a planned unit shutdown for RFO-17 starting April 21, 2012 and continuing into June 2012.

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Safety System Functional Failures	0	1	0	0	1	1	0	0
Indicator value	1	2	2	1	2	2	2	2

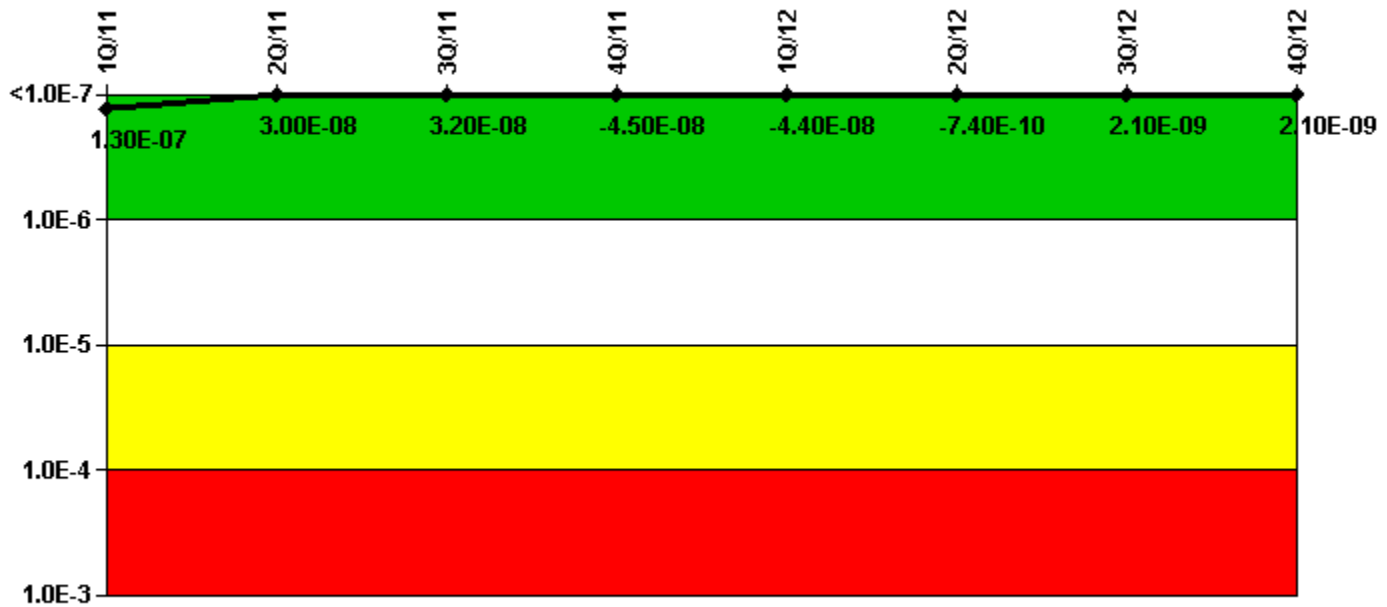
Licensee Comments:

2Q/12: One LER (2012-001-00) was submitted for the month of June 2012, which describes a condition where unexpected long-term corrosion of valve piston rings caused delayed closing of Main Steam Isolation Valves.

1Q/12: One LER (2011-002-00) was submitted which describes an event in which the 1B-SB Emergency Diesel Generator was found to be inoperable because the engine may not have run for the entire seven day mission time due to drift of the speed setting.

2Q/11: LER 2010-002-01 was issued to supplement LER 2010-002-00 and describe a Main Steam Isolation Valve that failed to fully close during plant stabilization after a manual Rx trip.

Mitigating Systems Performance Index, Emergency AC Power System



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

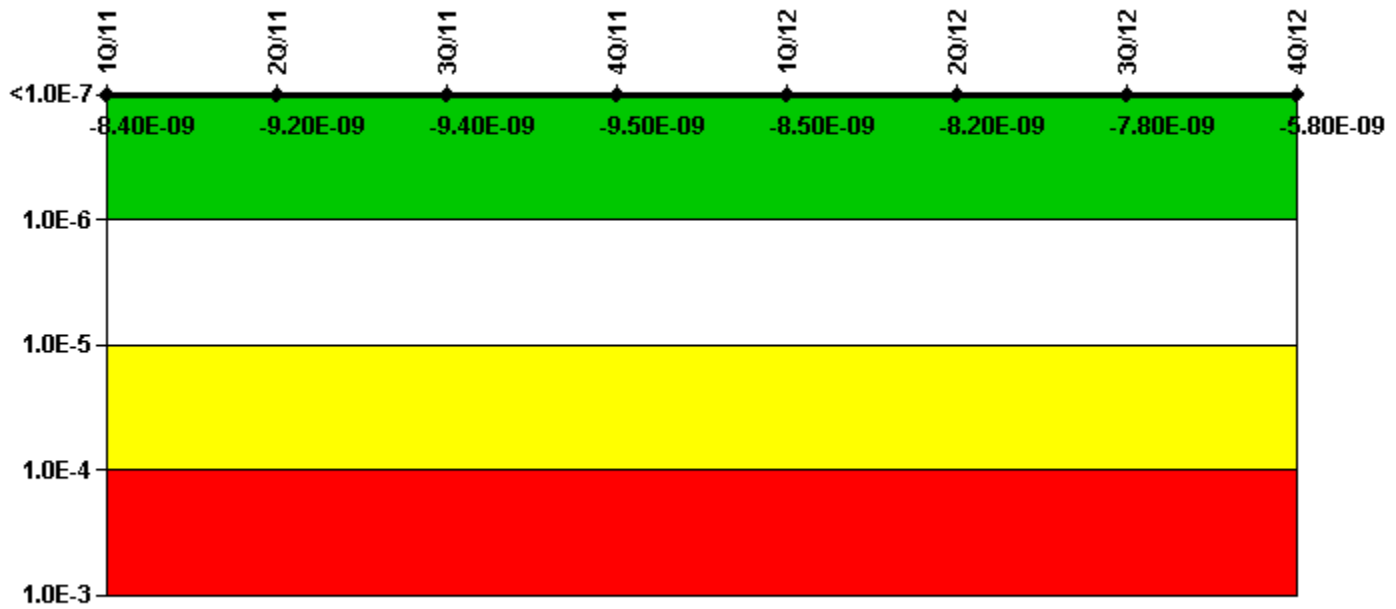
Notes

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)	5.44E-08	9.27E-09	1.13E-08	8.40E-09	9.54E-09	1.02E-08	1.27E-08	1.23E-08
URI (Δ CDF)	7.19E-08	2.03E-08	2.03E-08	-5.36E-08	-5.33E-08	-1.09E-08	-1.06E-08	-1.02E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.30E-07	3.00E-08	3.20E-08	-4.50E-08	-4.40E-08	-7.40E-10	2.10E-09	2.10E-09

Licensee Comments:

3Q/11: Corrected data has been submitted for EAC Planned unavailability for July 2010, March 2011, April 2011, May 2011, June 2011. No color change as a result of this updated data.

Mitigating Systems Performance Index, High Pressure Injection System



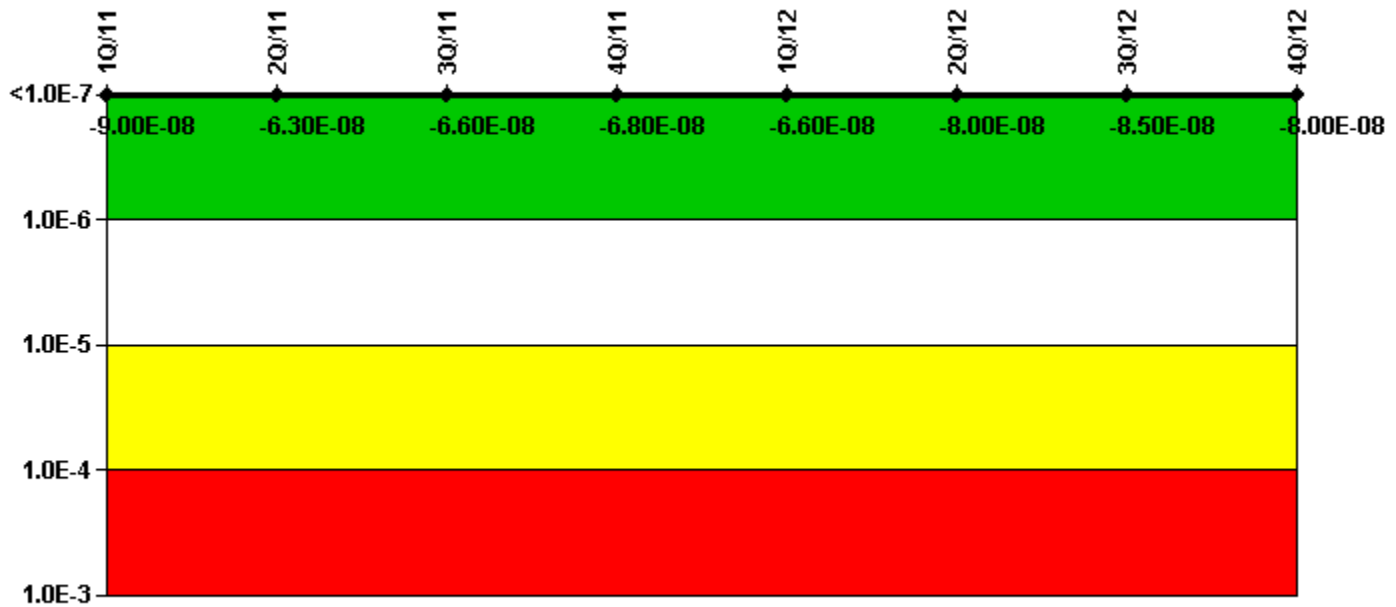
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	2.23E-09	6.86E-10	6.70E-10	6.70E-10	1.75E-09	2.00E-09	2.28E-09	4.18E-09
URI (Δ CDF)	-1.06E-08	-9.87E-09	-1.00E-08	-1.02E-08	-1.03E-08	-1.02E-08	-1.01E-08	-9.96E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-8.40E-09	-9.20E-09	-9.40E-09	-9.50E-09	-8.50E-09	-8.20E-09	-7.80E-09	-5.80E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



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

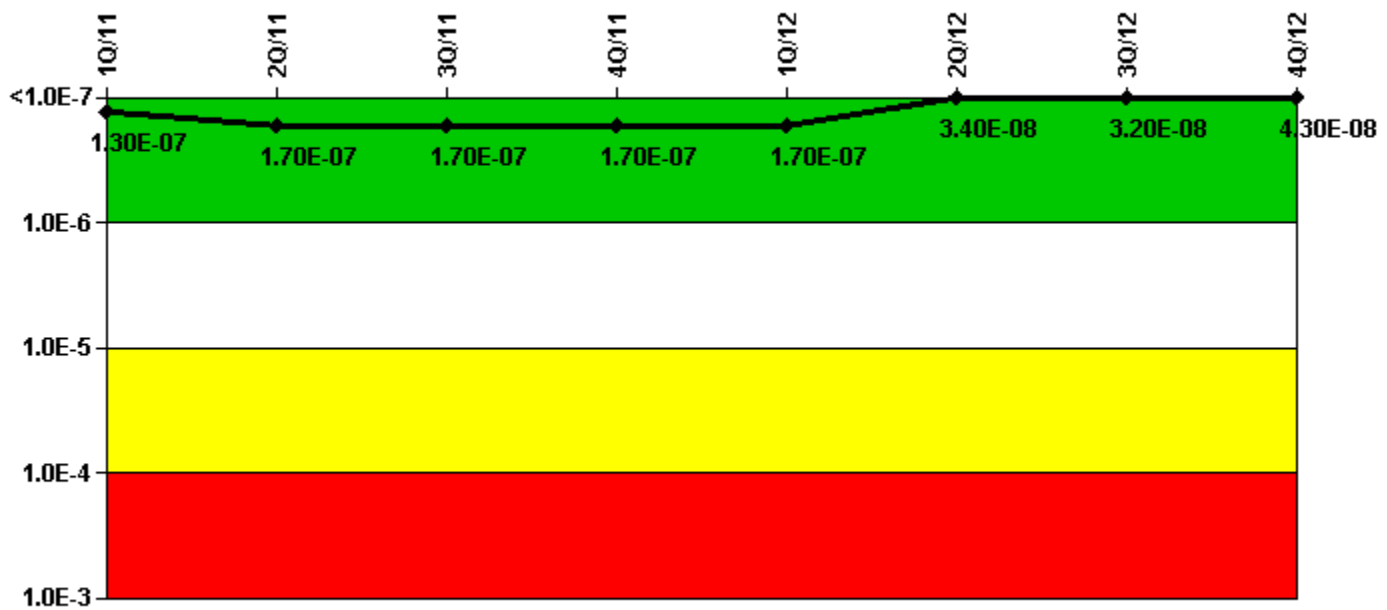
Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (Δ CDF)	-1.66E-09	1.04E-08	7.60E-09	5.67E-09	8.30E-09	-6.82E-09	-1.15E-08	-7.34E-09
URI (Δ CDF)	-8.84E-08	-7.39E-08	-7.39E-08	-7.39E-08	-7.38E-08	-7.36E-08	-7.33E-08	-7.28E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-9.00E-08	-6.30E-08	-6.60E-08	-6.80E-08	-6.60E-08	-8.00E-08	-8.50E-08	-8.00E-08

Licensee Comments:

1Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System



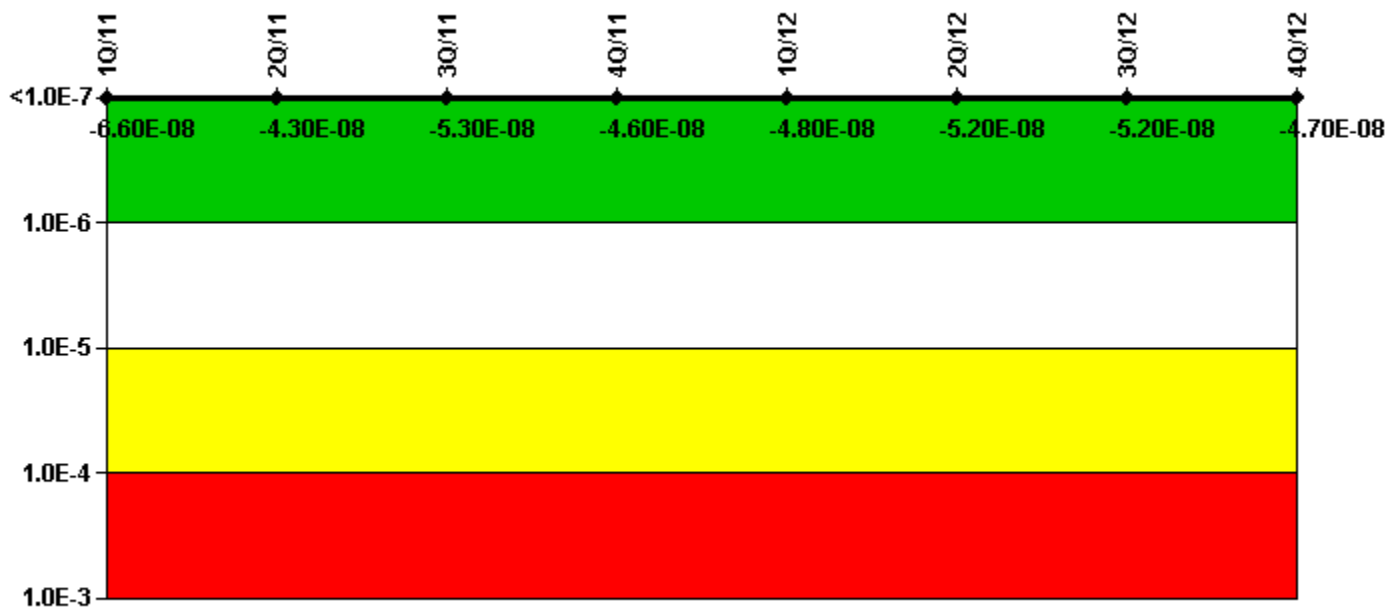
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (ΔCDF)	3.02E-09	3.68E-09	4.49E-09	4.04E-09	7.93E-09	1.04E-08	7.45E-09	1.81E-08
URI (ΔCDF)	1.31E-07	1.64E-07	1.64E-07	1.64E-07	1.65E-07	2.37E-08	2.43E-08	2.49E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.30E-07	1.70E-07	1.70E-07	1.70E-07	1.70E-07	3.40E-08	3.20E-08	4.30E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



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

Notes

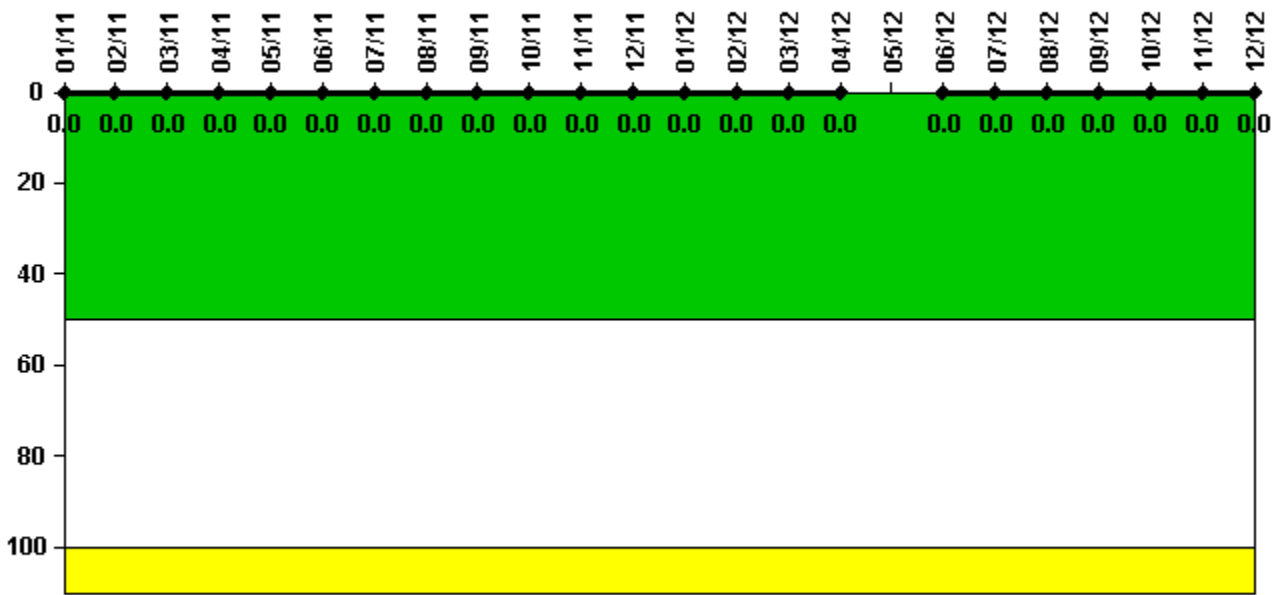
Mitigating Systems Performance Index, Cooling Water Systems	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (Δ CDF)	1.28E-07	6.40E-08	5.32E-08	6.02E-08	5.82E-08	5.43E-08	5.38E-08	5.84E-08
URI (Δ CDF)	-1.93E-07	-1.07E-07	-1.07E-07	-1.07E-07	-1.06E-07	-1.06E-07	-1.06E-07	-1.05E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.60E-08	-4.30E-08	-5.30E-08	-4.60E-08	-4.80E-08	-5.20E-08	-5.20E-08	-4.70E-08

Licensee Comments:

1Q/12: Changed PRA Parameter(s).

2Q/11: Corrected data has been submitted for B ESW as it has been determined in an evaluation that no unavailability occurred as a result of the previously reported event. No color change results from this corrected data.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

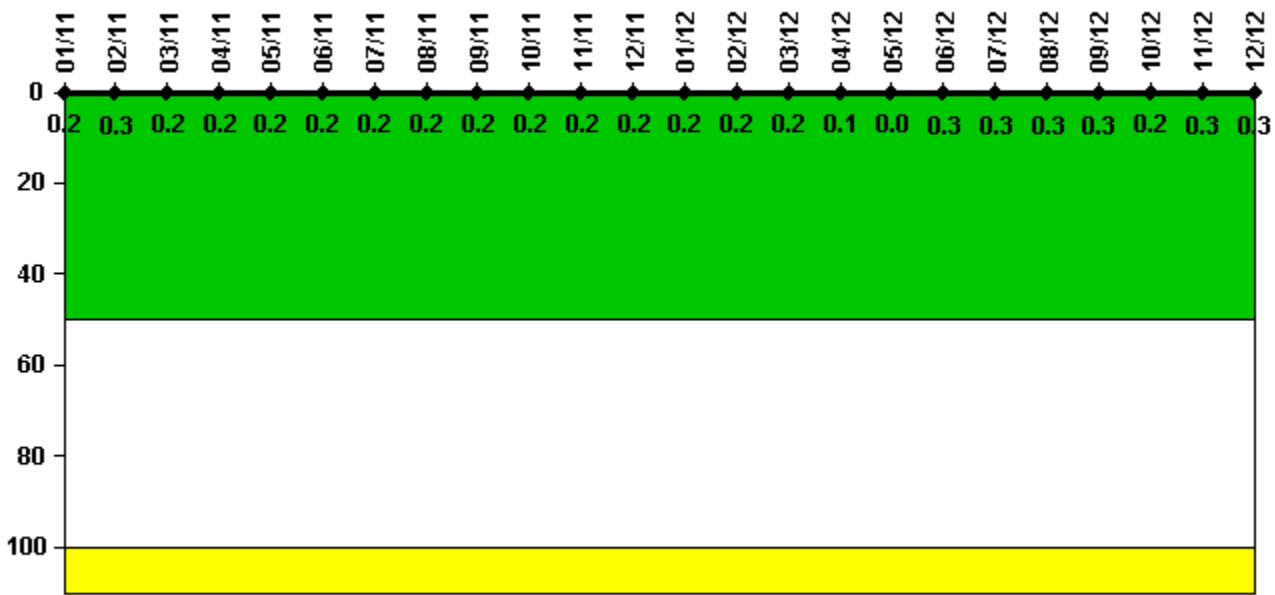
Notes

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	0.000186	0.000101	0.000105	0.000113	0.000403	0.000119	0.000126	0.000127	0.000130	0.000136	0.000138	0.000141
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	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	0.000202	0.000147	0.000158	0.000253	N/A	0.000049	0.000060	0.000347	0.000074	0.000122	0.000087	0.000146
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	N/A	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



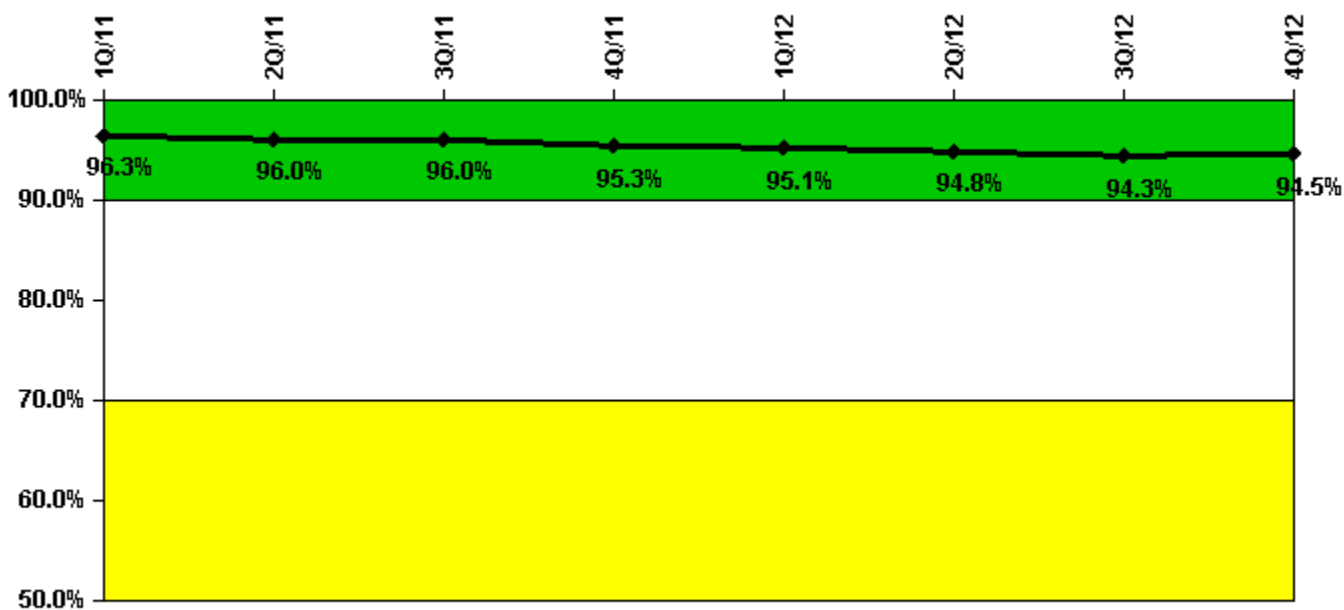
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11
Maximum leakage	0.018	0.030	0.020	0.019	0.019	0.017	0.019	0.018	0.017	0.019	0.018	0.017
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
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	0.017	0.016	0.016	0.014	0	0.026	0.026	0.025	0.027	0.024	0.026	0.026
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.2	0.2	0.1	0	0.3	0.3	0.3	0.3	0.2	0.3	0.3

Licensee Comments: none

Drill/Exercise Performance



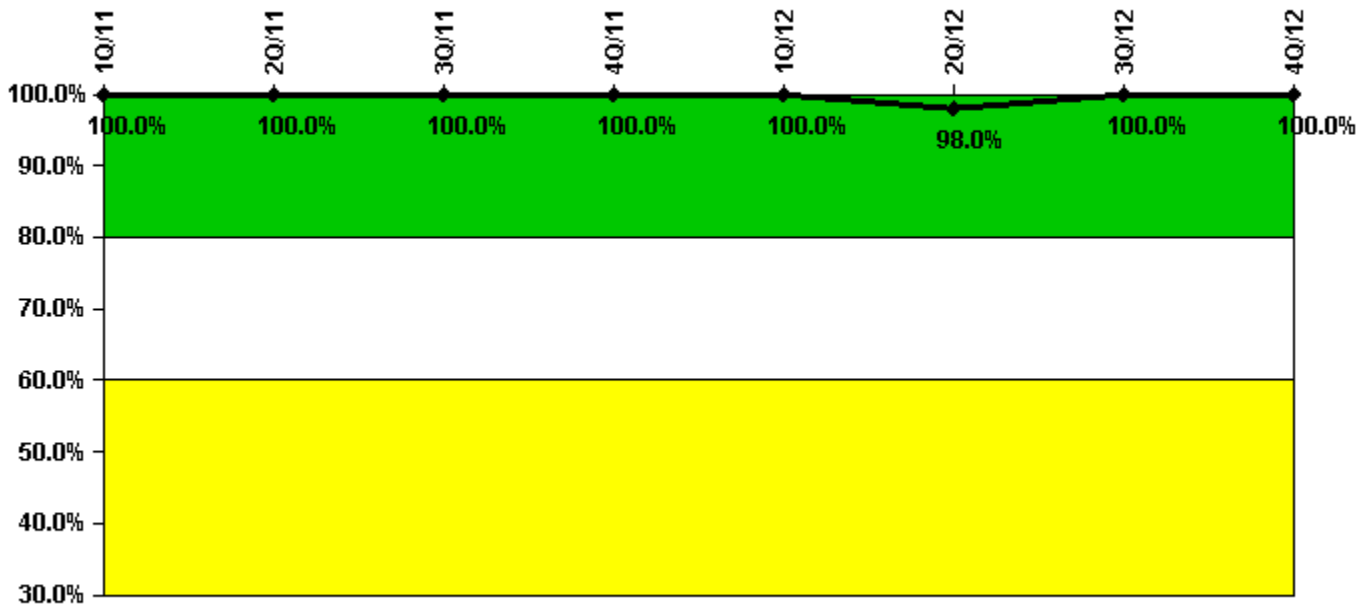
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Successful opportunities	35.0	29.0	24.0	32.0	25.0	2.0	45.0	15.0
Total opportunities	40.0	30.0	25.0	34.0	25.0	2.0	48.0	15.0
Indicator value	96.3%	96.0%	96.0%	95.3%	95.1%	94.8%	94.3%	94.5%

Licensee Comments: none

ERO Drill Participation



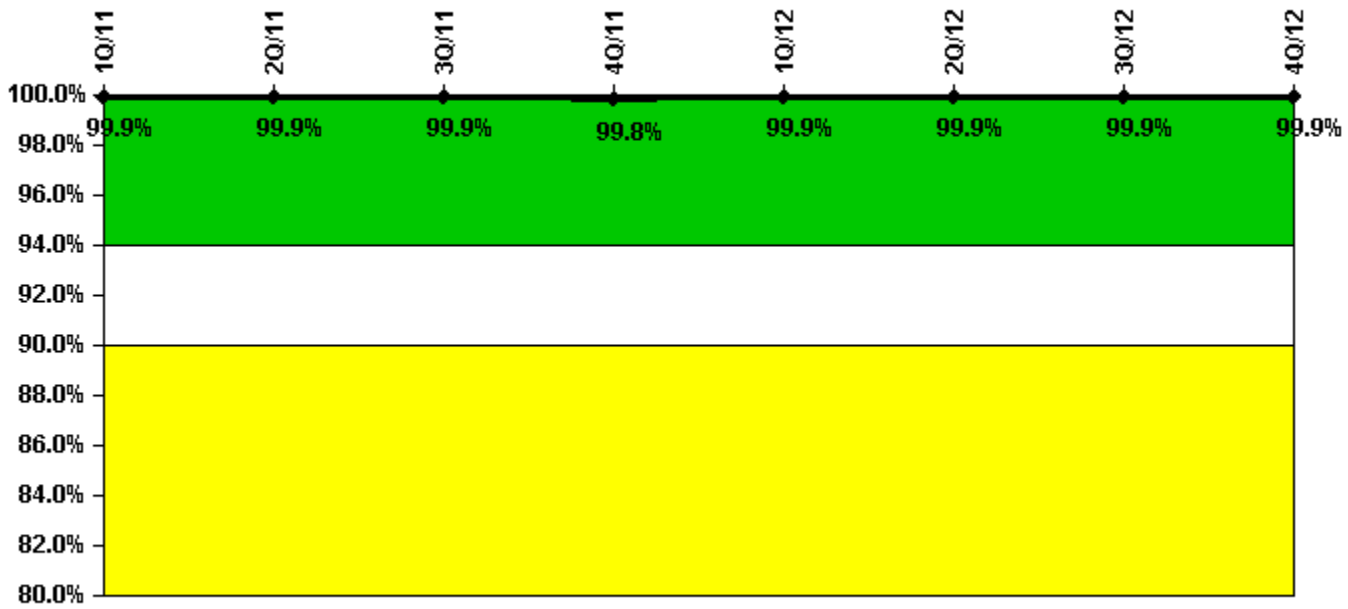
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Participating Key personnel	42.0	46.0	47.0	52.0	54.0	50.0	50.0	51.0
Total Key personnel	42.0	46.0	47.0	52.0	54.0	51.0	50.0	51.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	98.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



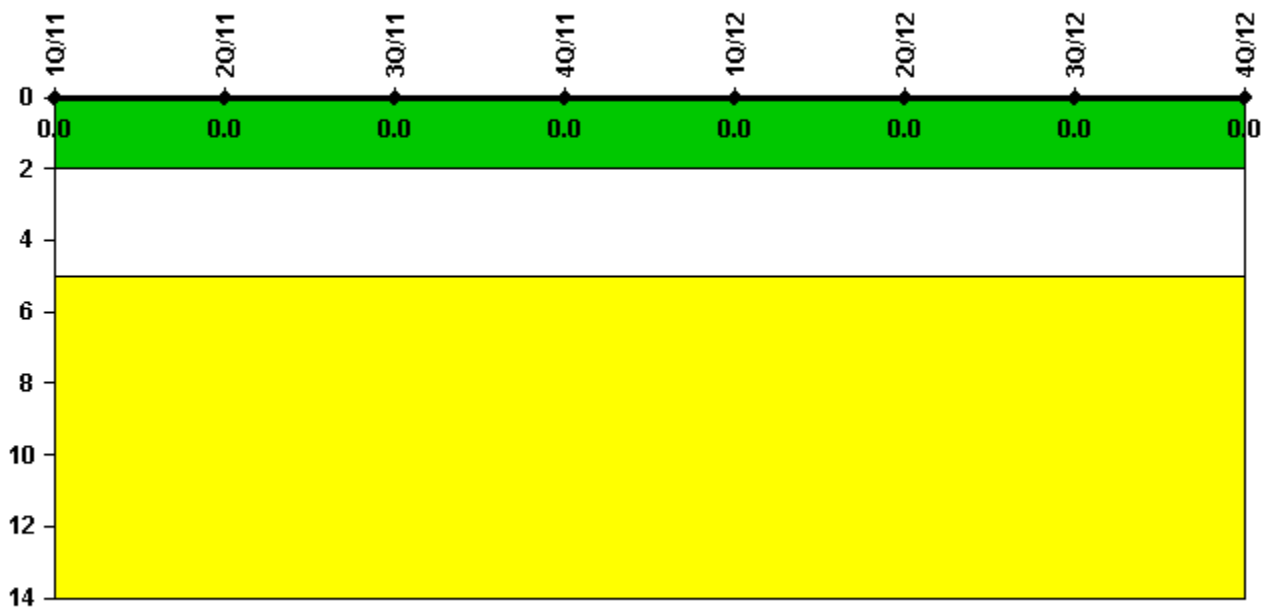
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Successful siren-tests	662	581	746	663	664	581	746	580
Total sirens-tests	664	581	747	664	664	581	747	581
Indicator value	99.9%	99.9%	99.9%	99.8%	99.9%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



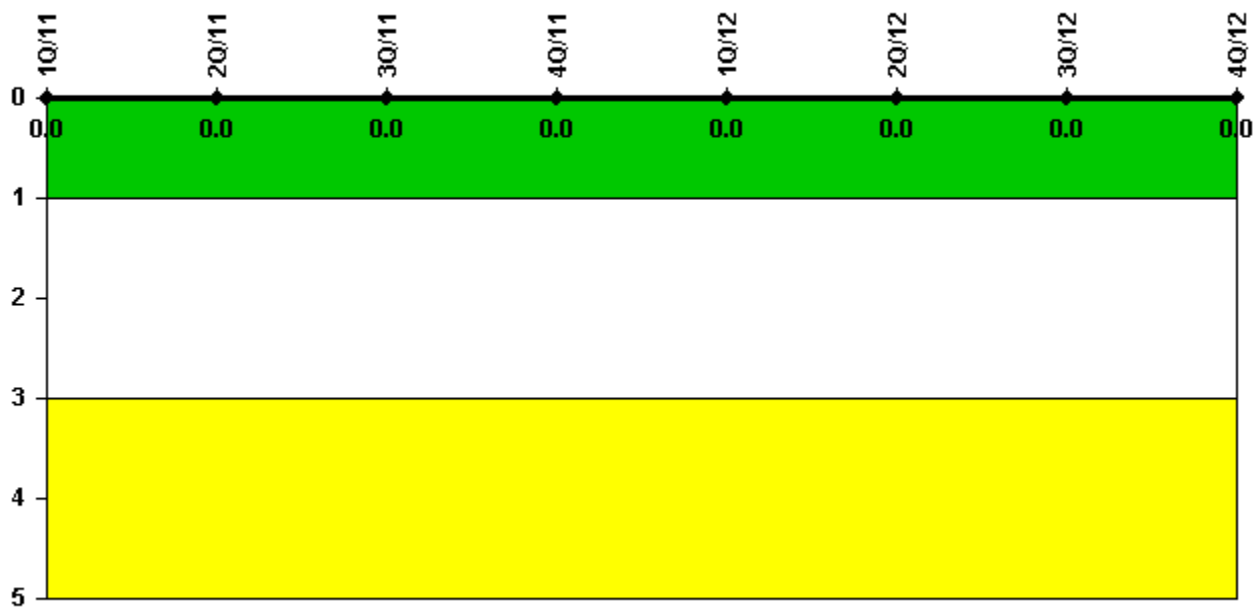
Thresholds: White > 2.0 Yellow > 5.0

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	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/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	0	0	0	0	0	0	0

Licensee Comments: none

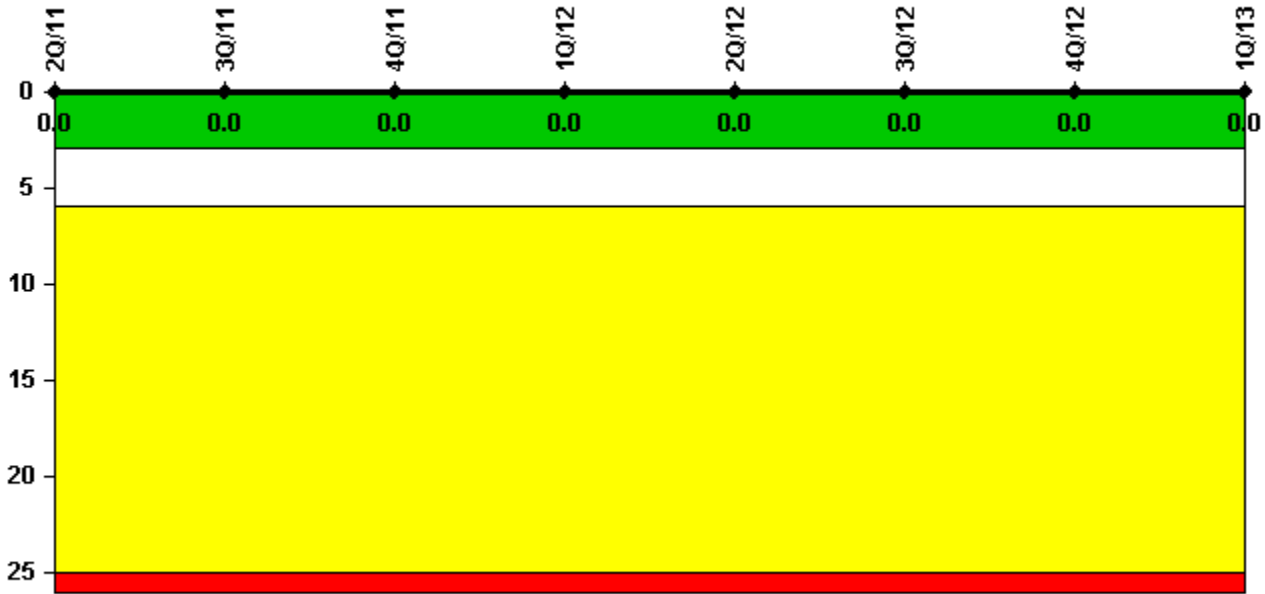
Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information 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.

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1Q/2013 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

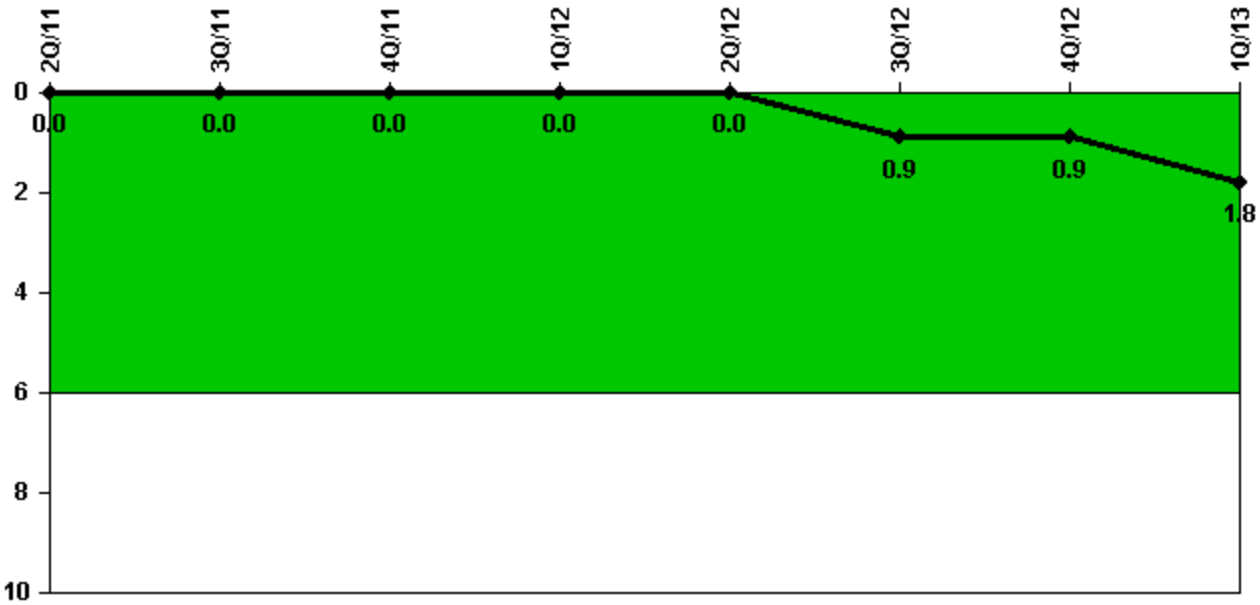
Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2184.0	2208.0	2209.0	2183.0	1072.9	2208.0	2209.0	2159.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments:

2Q/12: There was a planned unit shutdown for RFO-17 starting April 21, 2012 and continuing into June 2012.

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

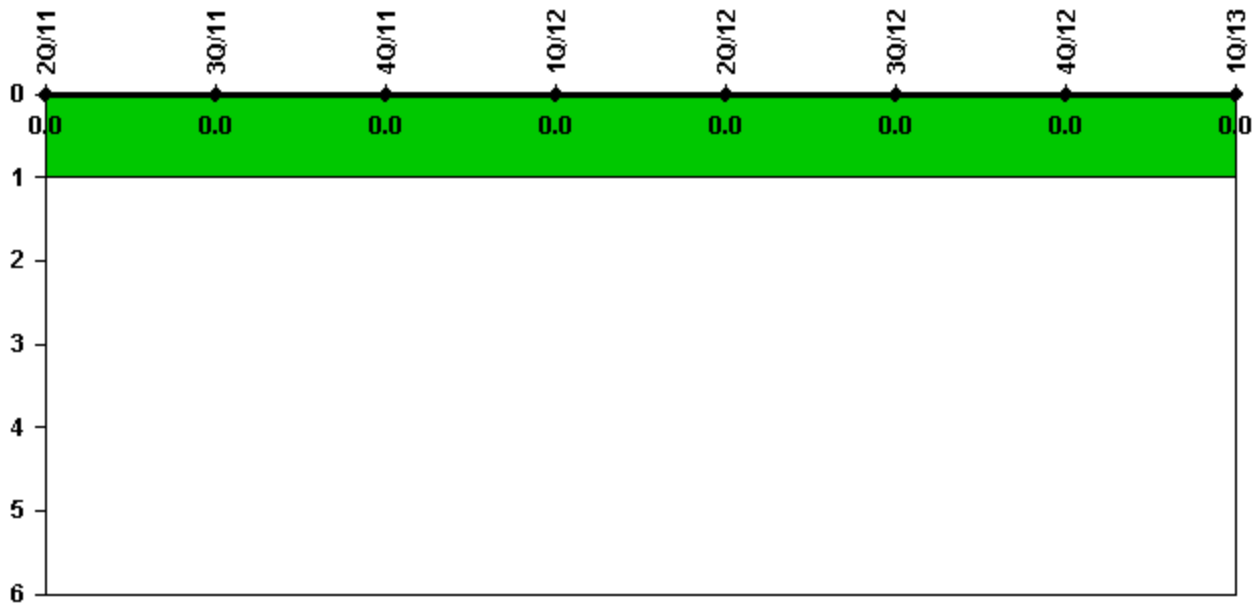
Notes

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	1.0
Critical hours	2184.0	2208.0	2209.0	2183.0	1072.9	2208.0	2209.0	2159.0
Indicator value	0	0	0	0	0	0.9	0.9	1.8

Licensee Comments:

2Q/12: There was a planned unit shutdown for RFO-17 starting April 21, 2012 and continuing into June 2012.

Unplanned Scrams with Complications



Thresholds: White > 1.0

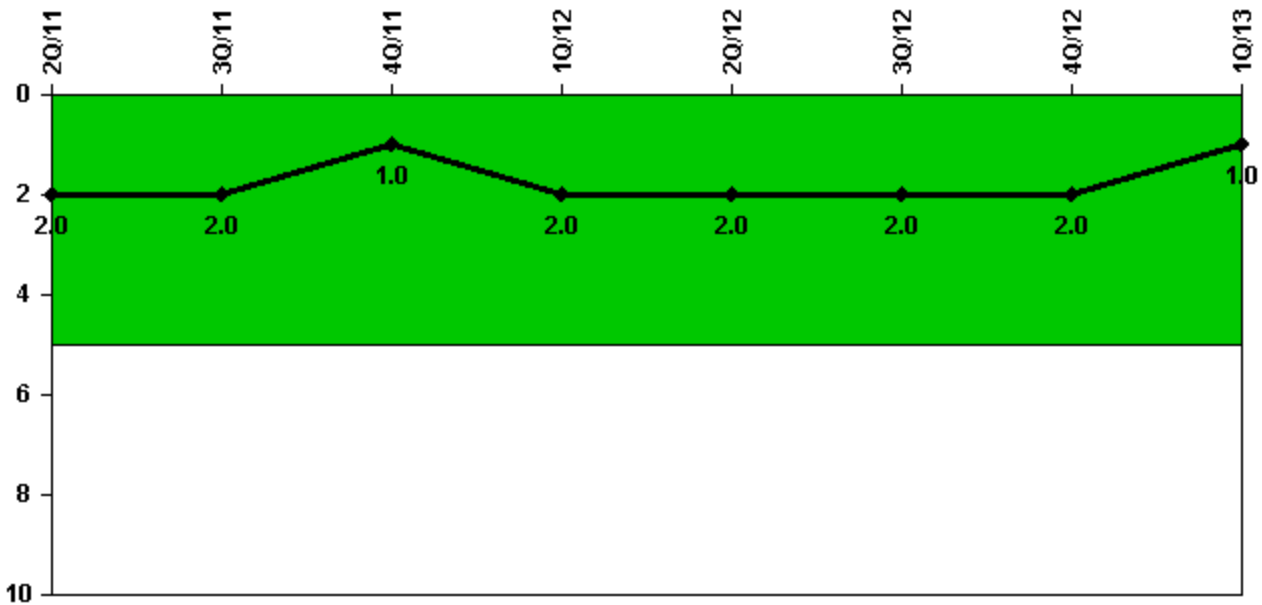
Notes

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	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments:

2Q/12: There was a planned unit shutdown for RFO-17 starting April 21, 2012 and continuing into June 2012.

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Safety System Functional Failures	1	0	0	1	1	0	0	0
Indicator value	2	2	1	2	2	2	2	1

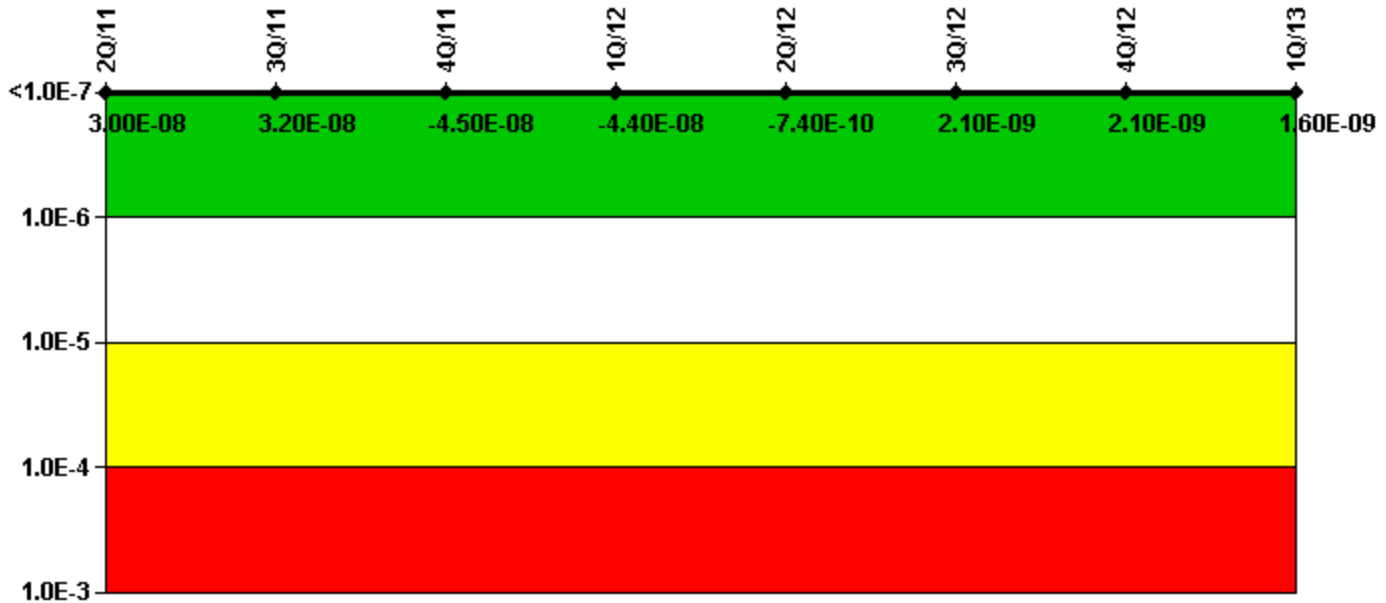
Licensee Comments:

2Q/12: One LER (2012-001-00) was submitted for the month of June 2012, which describes a condition where unexpected long-term corrosion of valve piston rings caused delayed closing of Main Steam Isolation Valves.

1Q/12: One LER (2011-002-00) was submitted which describes an event in which the 1B-SB Emergency Diesel Generator was found to be inoperable because the engine may not have run for the entire seven day mission time due to drift of the speed setting.

2Q/11: LER 2010-002-01 was issued to supplement LER 2010-002-00 and describe a Main Steam Isolation Valve that failed to fully close during plant stabilization after a manual Rx trip.

Mitigating Systems Performance Index, Emergency AC Power System



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

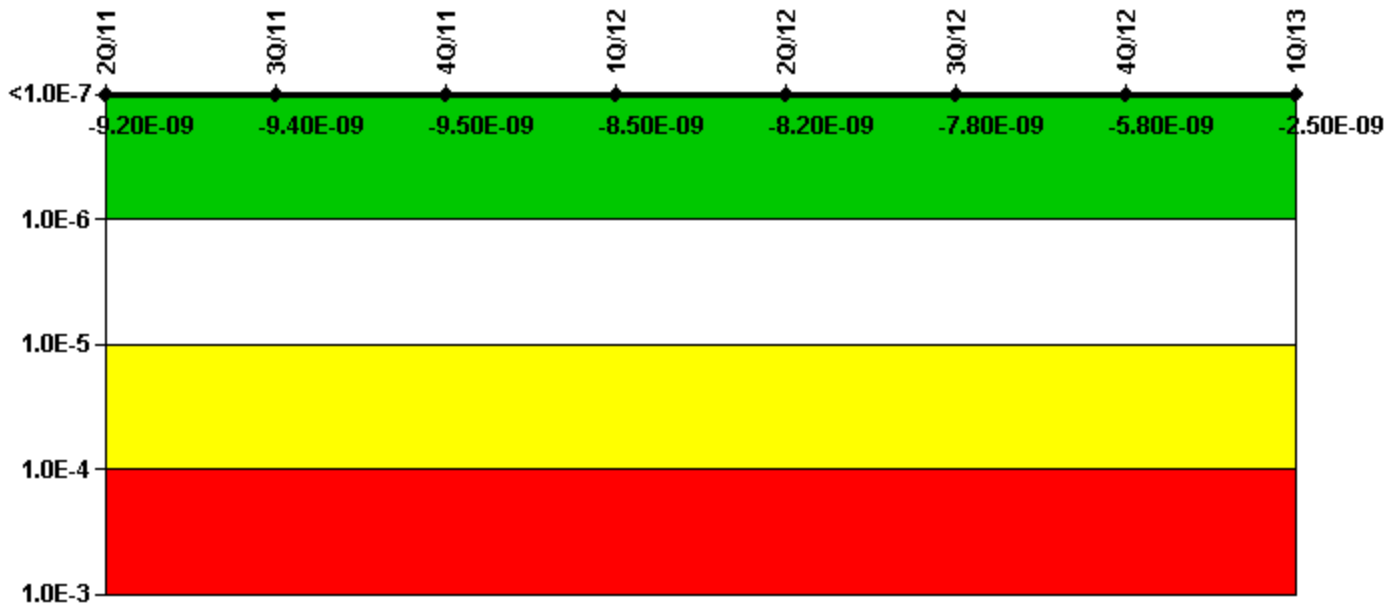
Notes

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)	9.27E-09	1.13E-08	8.40E-09	9.54E-09	1.02E-08	1.27E-08	1.23E-08	1.14E-08
URI (Δ CDF)	2.03E-08	2.03E-08	-5.36E-08	-5.33E-08	-1.09E-08	-1.06E-08	-1.02E-08	-9.84E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.00E-08	3.20E-08	-4.50E-08	-4.40E-08	-7.40E-10	2.10E-09	2.10E-09	1.60E-09

Licensee Comments:

3Q/11: Corrected data has been submitted for EAC Planned unavailability for July 2010, March 2011, April 2011, May 2011, June 2011. No color change as a result of this updated data.

Mitigating Systems Performance Index, High Pressure Injection System



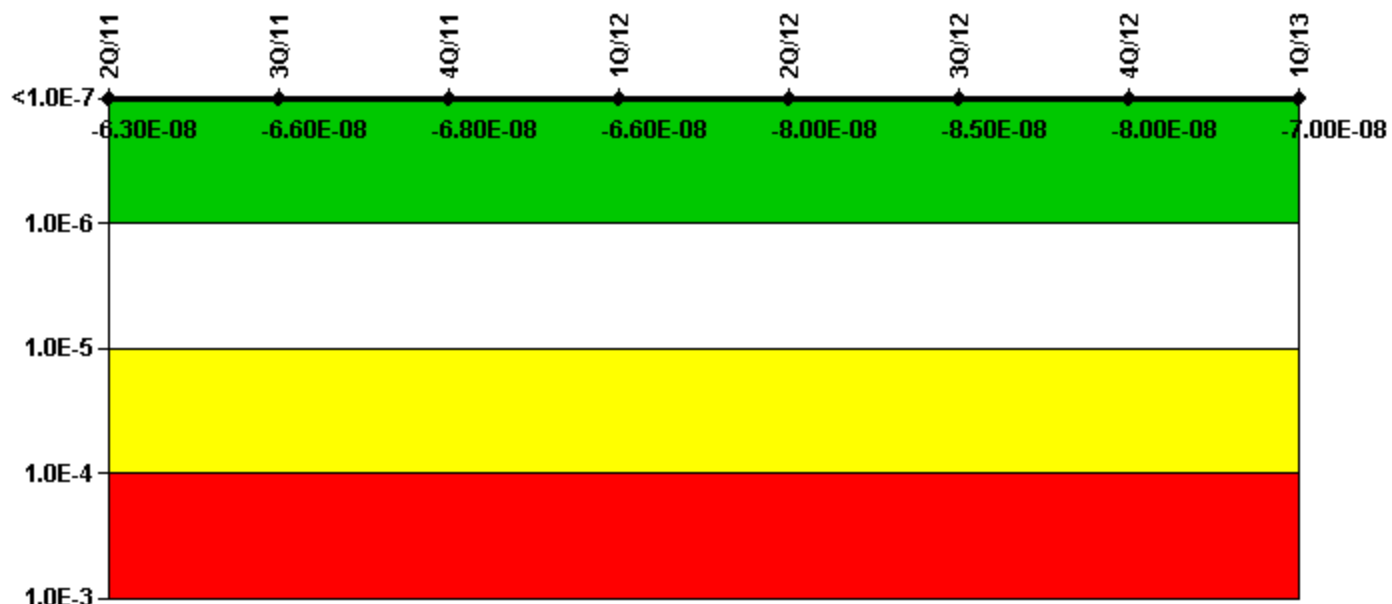
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	6.86E-10	6.70E-10	6.70E-10	1.75E-09	2.00E-09	2.28E-09	4.18E-09	7.32E-09
URI (Δ CDF)	-9.87E-09	-1.00E-08	-1.02E-08	-1.03E-08	-1.02E-08	-1.01E-08	-9.96E-09	-9.86E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-9.20E-09	-9.40E-09	-9.50E-09	-8.50E-09	-8.20E-09	-7.80E-09	-5.80E-09	-2.50E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



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

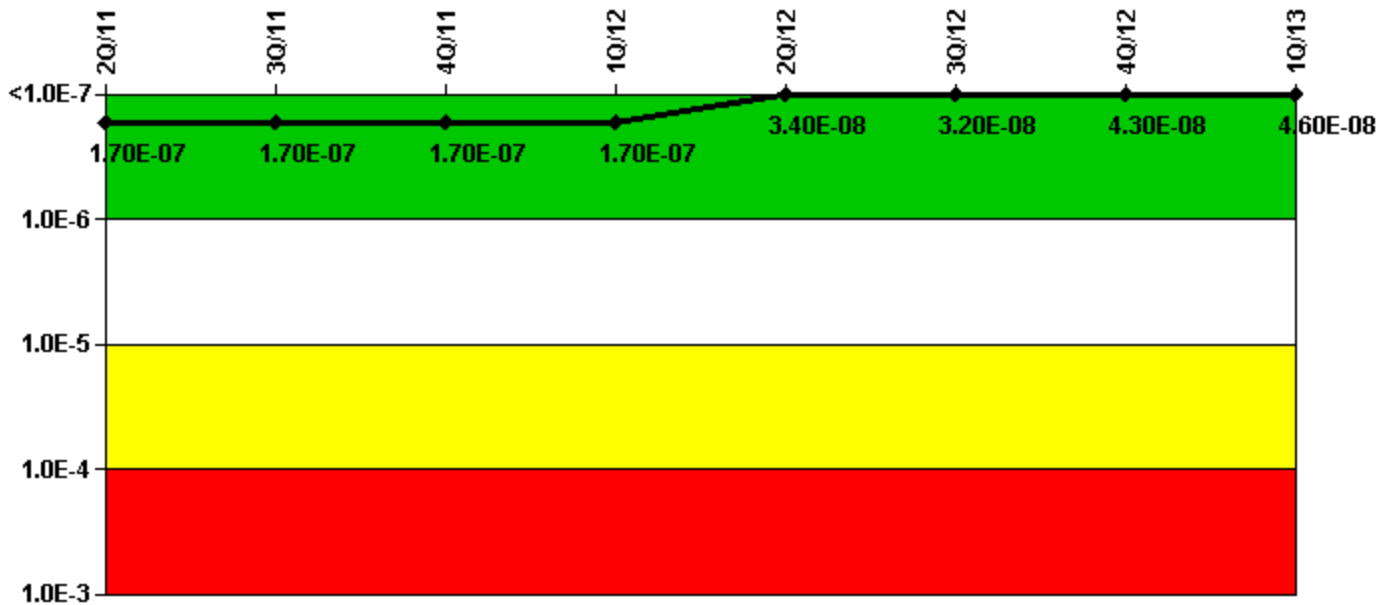
Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
UAI (Δ CDF)	1.04E-08	7.60E-09	5.67E-09	8.30E-09	-6.82E-09	-1.15E-08	-7.34E-09	3.36E-10
URI (Δ CDF)	-7.39E-08	-7.39E-08	-7.39E-08	-7.38E-08	-7.36E-08	-7.33E-08	-7.28E-08	-7.07E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.30E-08	-6.60E-08	-6.80E-08	-6.60E-08	-8.00E-08	-8.50E-08	-8.00E-08	-7.00E-08

Licensee Comments:

1Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System



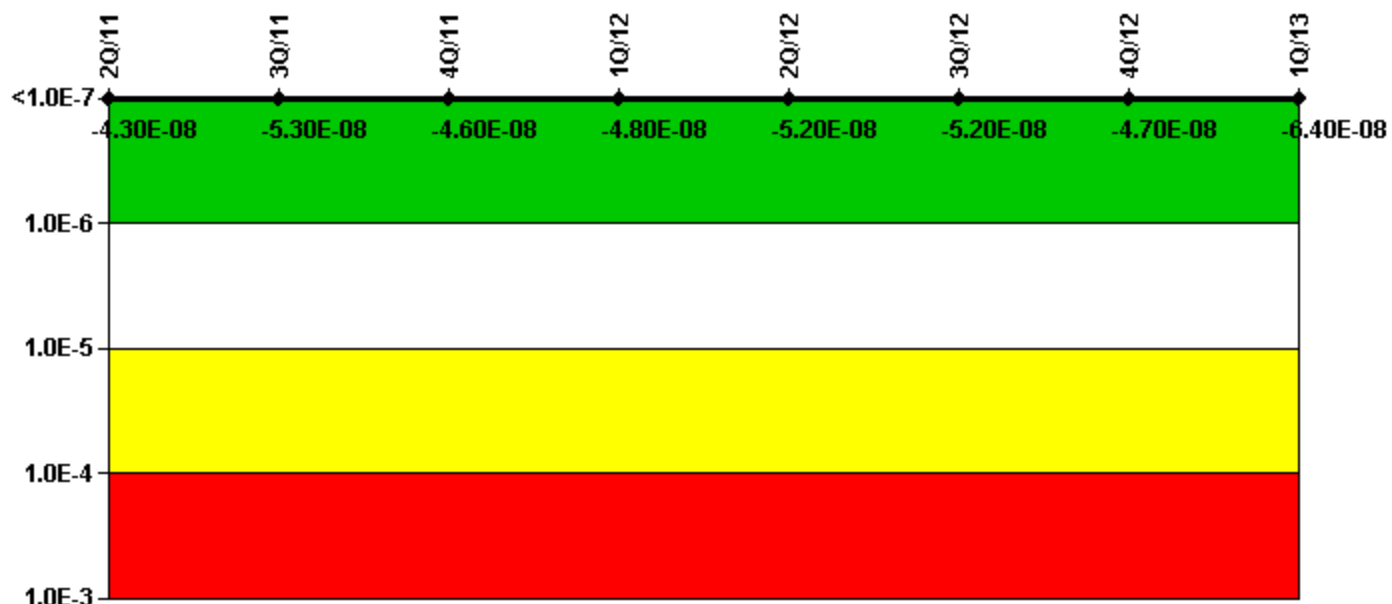
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
UAI (Δ CDF)	3.68E-09	4.49E-09	4.04E-09	7.93E-09	1.04E-08	7.45E-09	1.81E-08	2.03E-08
URI (Δ CDF)	1.64E-07	1.64E-07	1.64E-07	1.65E-07	2.37E-08	2.43E-08	2.49E-08	2.55E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.70E-07	1.70E-07	1.70E-07	1.70E-07	3.40E-08	3.20E-08	4.30E-08	4.60E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



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

Notes

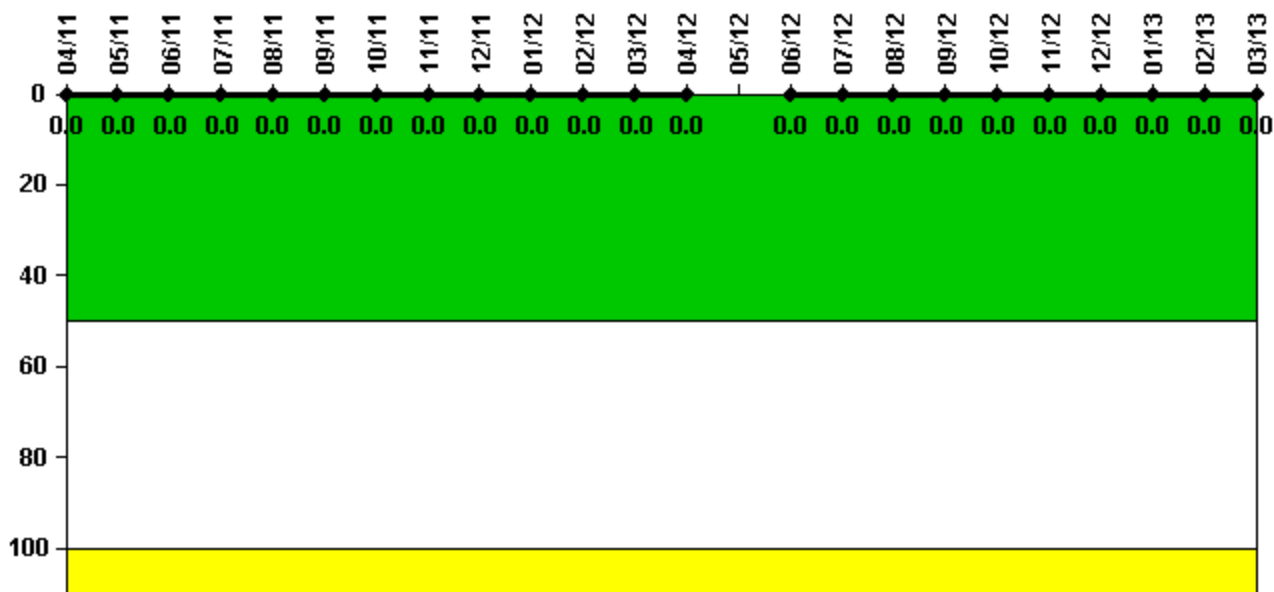
Mitigating Systems Performance Index, Cooling Water Systems	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
UAI (Δ CDF)	6.40E-08	5.32E-08	6.02E-08	5.82E-08	5.43E-08	5.38E-08	5.84E-08	4.04E-08
URI (Δ CDF)	-1.07E-07	-1.07E-07	-1.07E-07	-1.06E-07	-1.06E-07	-1.06E-07	-1.05E-07	-1.05E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.30E-08	-5.30E-08	-4.60E-08	-4.80E-08	-5.20E-08	-5.20E-08	-4.70E-08	-6.40E-08

Licensee Comments:

1Q/12: Changed PRA Parameter(s).

2Q/11: Corrected data has been submitted for B ESW as it has been determined in an evaluation that no unavailability occurred as a result of the previously reported event. No color change results from this corrected data.

Reactor Coolant System Activity



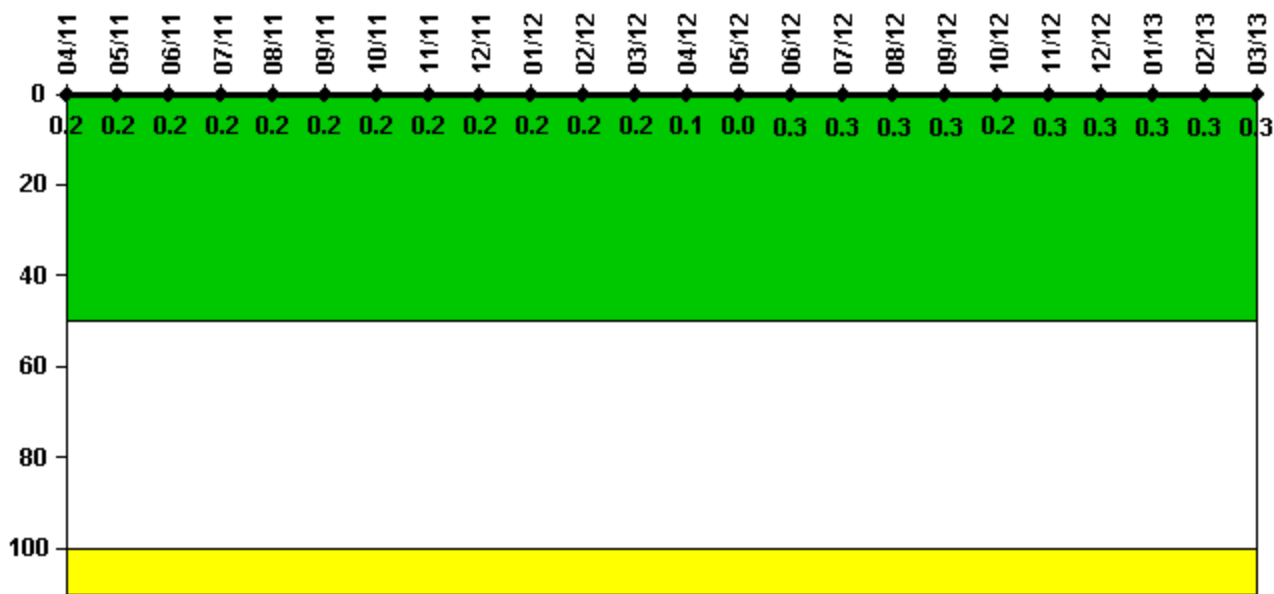
Thresholds: White > 50.0 Yellow > 100.0

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	0.000113	0.000403	0.000119	0.000126	0.000127	0.000130	0.000136	0.000138	0.000141	0.000202	0.000147	0.000158
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	12/12	1/13	2/13	3/13
Maximum activity	0.000253	N/A	0.000049	0.000060	0.000347	0.000074	0.000122	0.000087	0.000146	0.000156	0.000186	0.000130
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	N/A	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



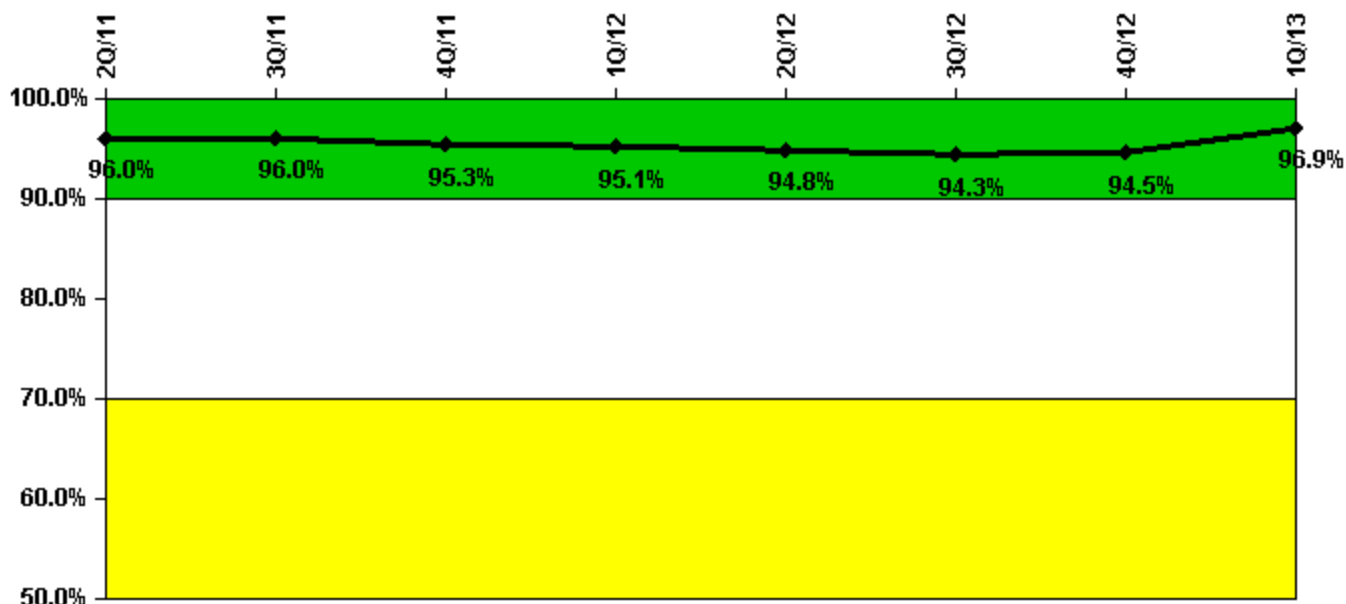
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12
Maximum leakage	0.019	0.019	0.017	0.019	0.018	0.017	0.019	0.018	0.017	0.017	0.016	0.016
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Reactor Coolant System Leakage	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	12/12	1/13	2/13	3/13
Maximum leakage	0.014	0	0.026	0.026	0.025	0.027	0.024	0.026	0.026	0.028	0.027	0.027
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0	0.3	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.3	0.3

Licensee Comments: none

Drill/Exercise Performance



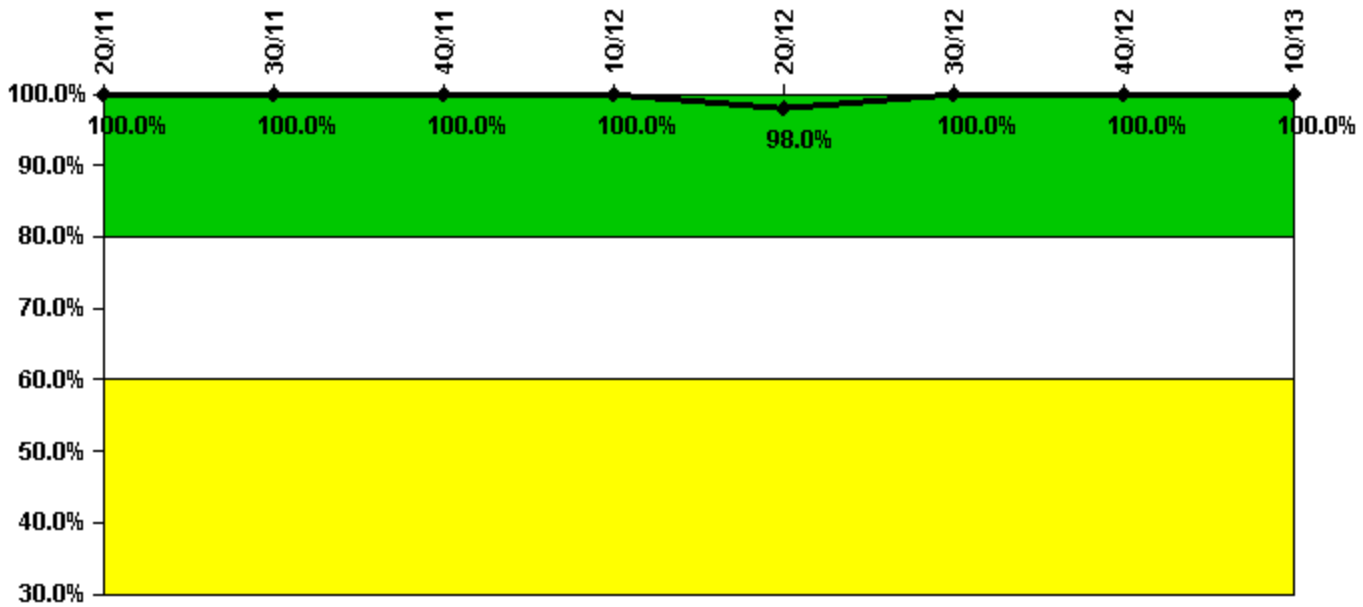
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Successful opportunities	29.0	24.0	32.0	25.0	2.0	45.0	15.0	46.0
Total opportunities	30.0	25.0	34.0	25.0	2.0	48.0	15.0	46.0
Indicator value	96.0%	96.0%	95.3%	95.1%	94.8%	94.3%	94.5%	96.9%

Licensee Comments: none

ERO Drill Participation



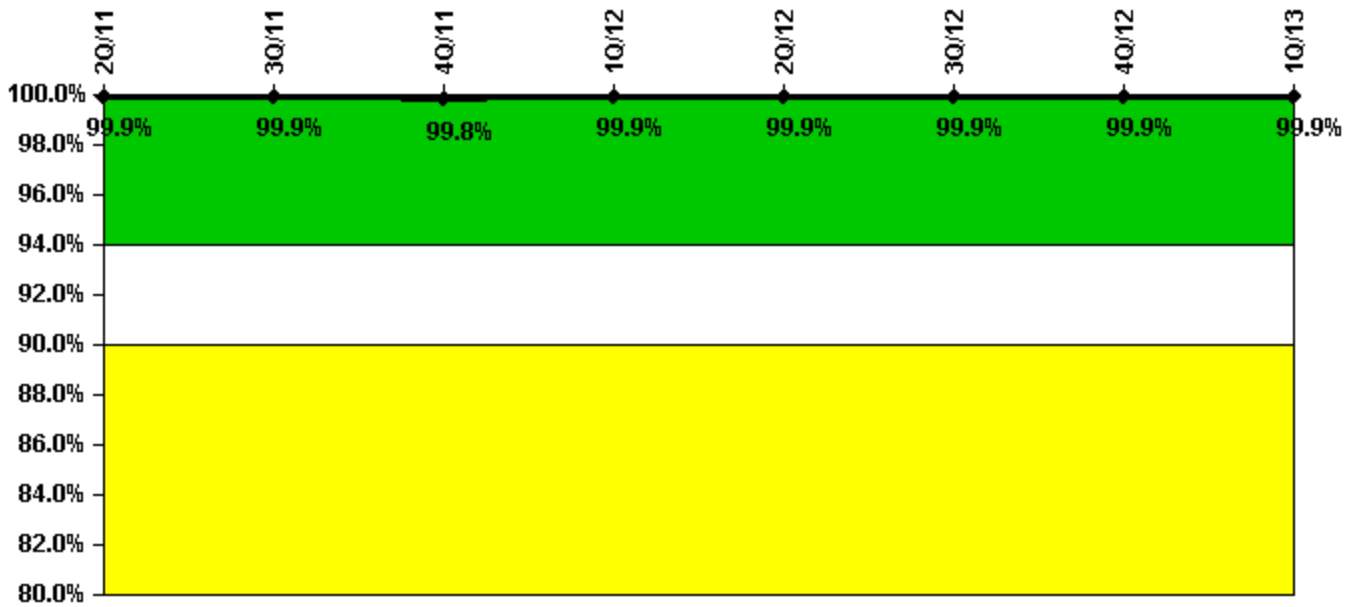
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Participating Key personnel	46.0	47.0	52.0	54.0	50.0	50.0	51.0	50.0
Total Key personnel	46.0	47.0	52.0	54.0	51.0	50.0	51.0	50.0
Indicator value	100.0%	100.0%	100.0%	100.0%	98.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



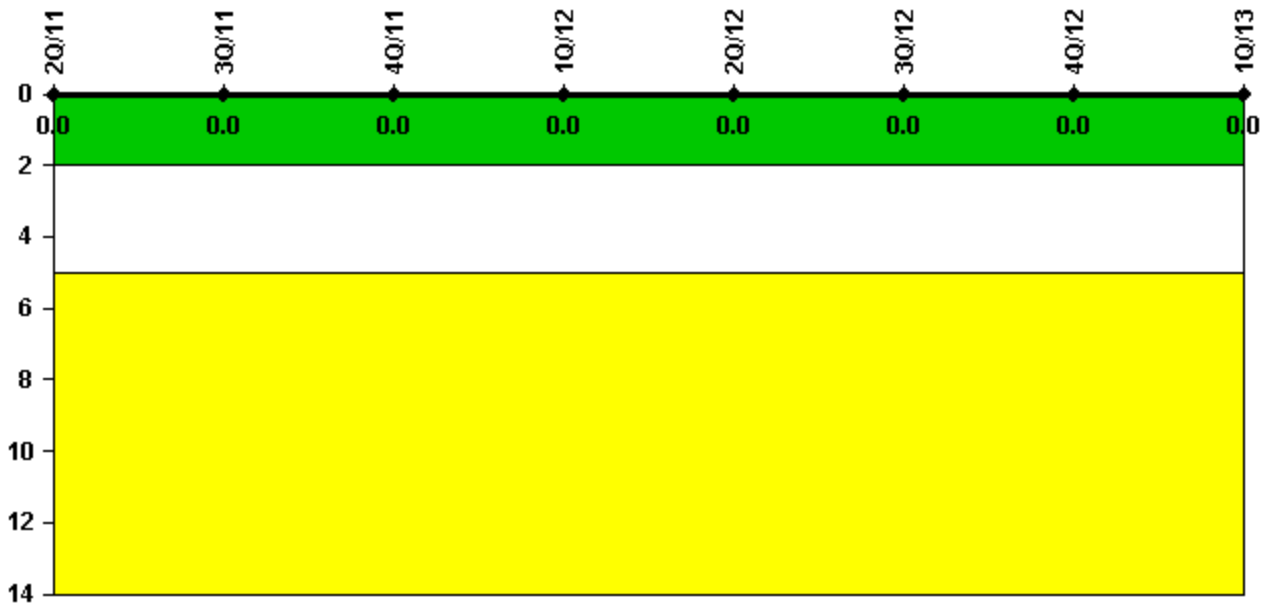
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Successful siren-tests	581	746	663	664	581	746	580	664
Total sirens-tests	581	747	664	664	581	747	581	664
Indicator value	99.9%	99.9%	99.8%	99.9%	99.9%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



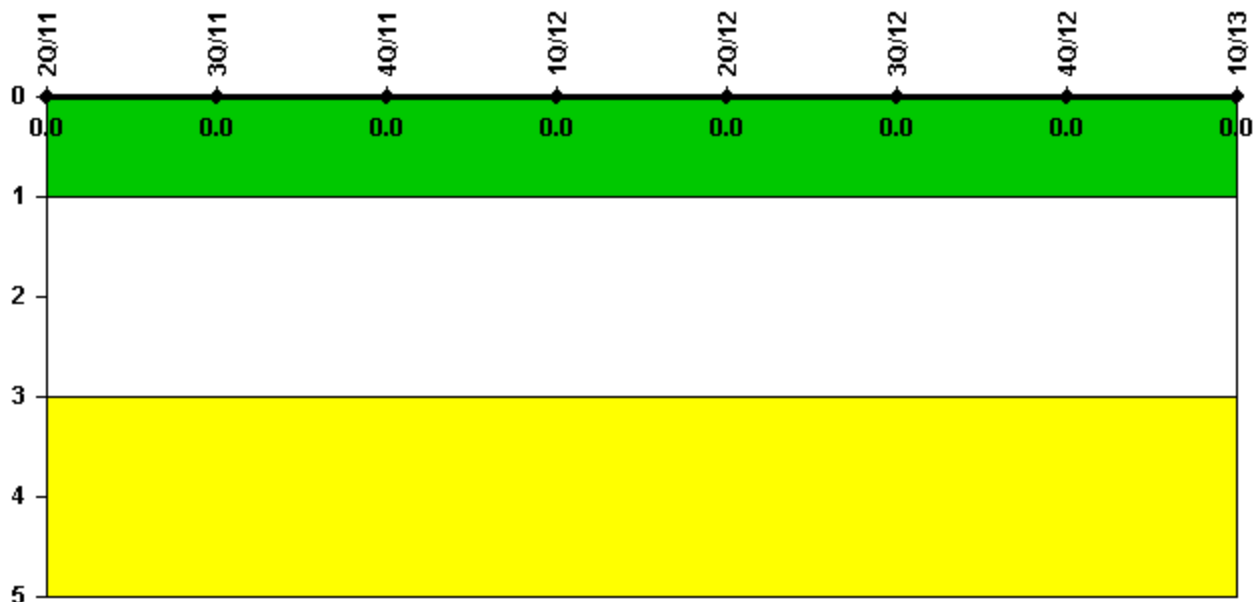
Thresholds: White > 2.0 Yellow > 5.0

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	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/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	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, 2013

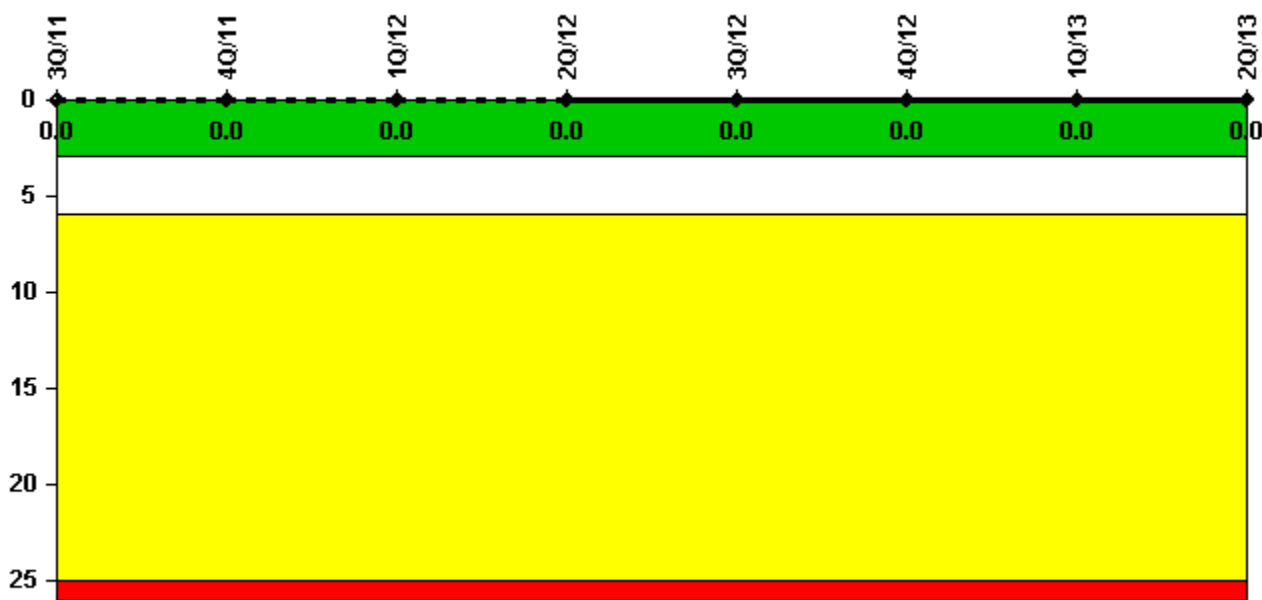
Harris 1

2Q/2013 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: Corrected data has been submitted for Drill Exercise & Event Opportunities that impacted months of March 2013 and July 2012. No color shift.

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

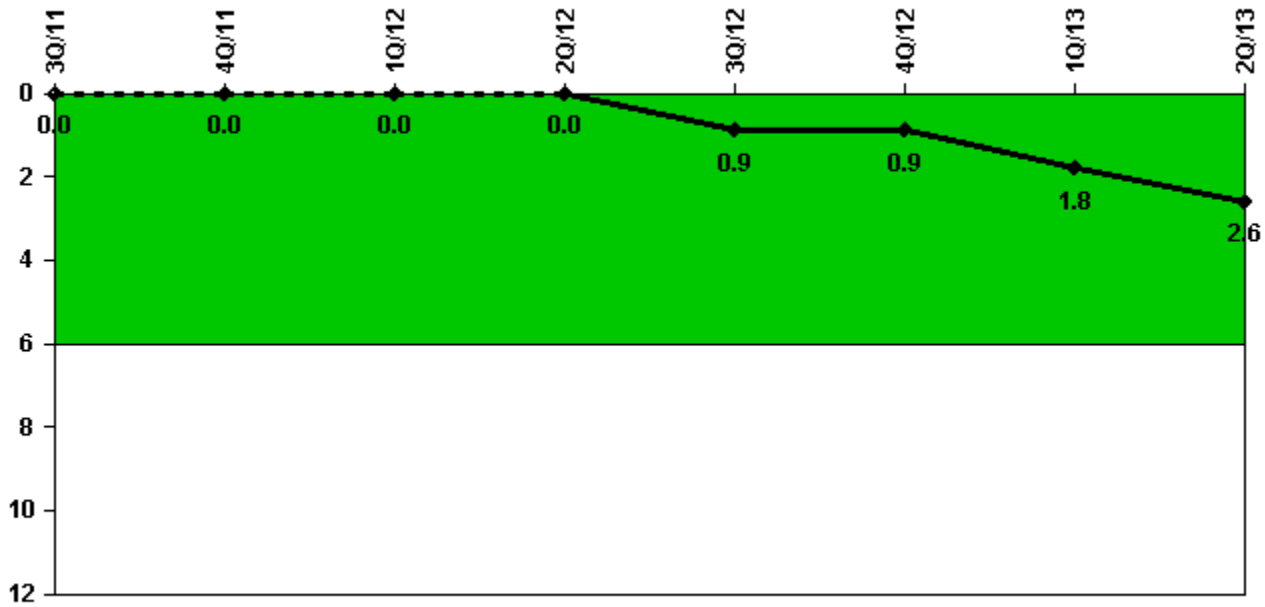
Notes

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	2209.0	2183.0	1072.9	2208.0	2209.0	2159.0	1656.8
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments:

2Q/12: There was a planned unit shutdown for RFO-17 starting April 21, 2012 and continuing into June 2012.

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

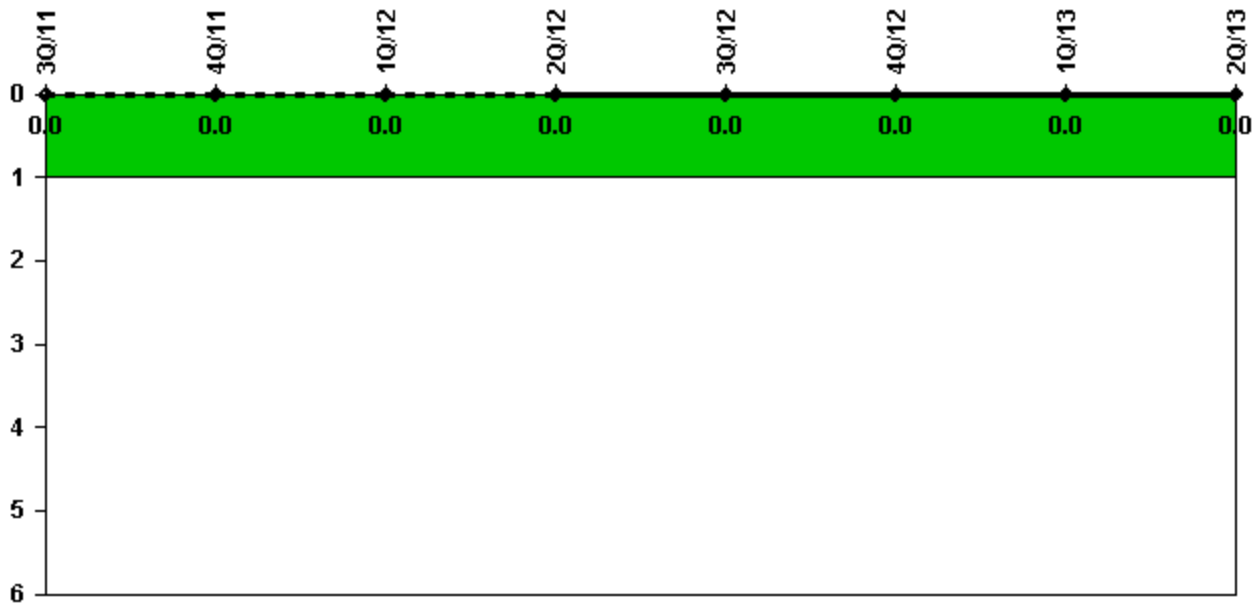
Notes

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	1.0	1.0
Critical hours	2208.0	2209.0	2183.0	1072.9	2208.0	2209.0	2159.0	1656.8
Indicator value	0	0	0	0	0.9	0.9	1.8	2.6

Licensee Comments:

2Q/12: There was a planned unit shutdown for RFO-17 starting April 21, 2012 and continuing into June 2012.

Unplanned Scrams with Complications



Thresholds: White > 1.0

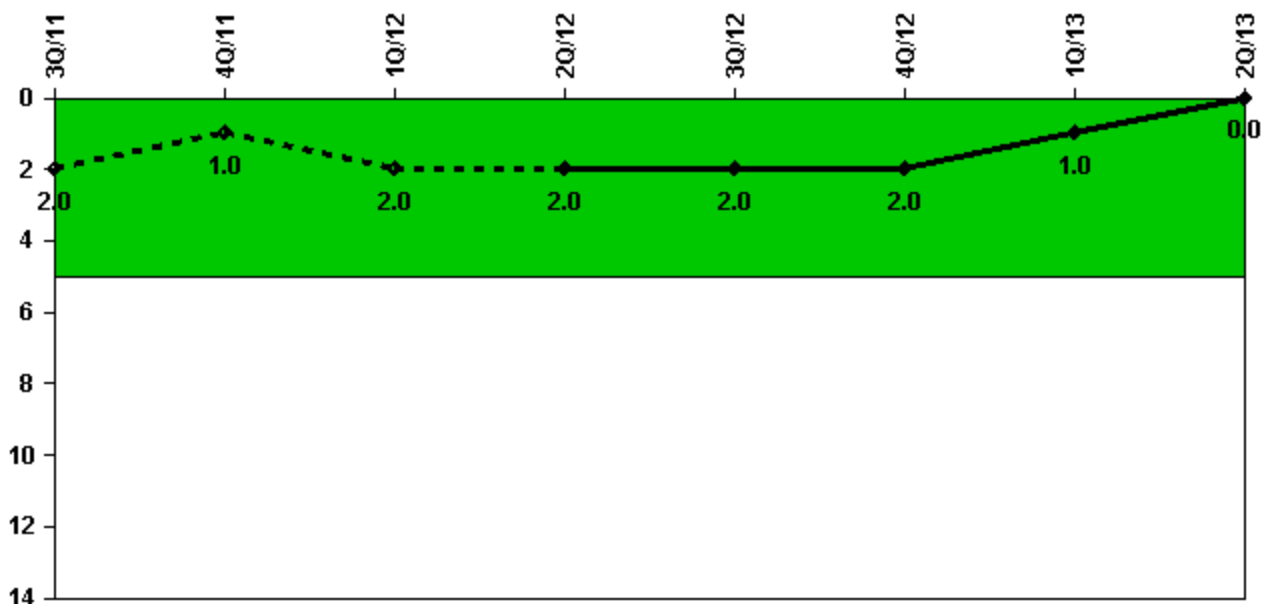
Notes

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	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments:

2Q/12: There was a planned unit shutdown for RFO-17 starting April 21, 2012 and continuing into June 2012.

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

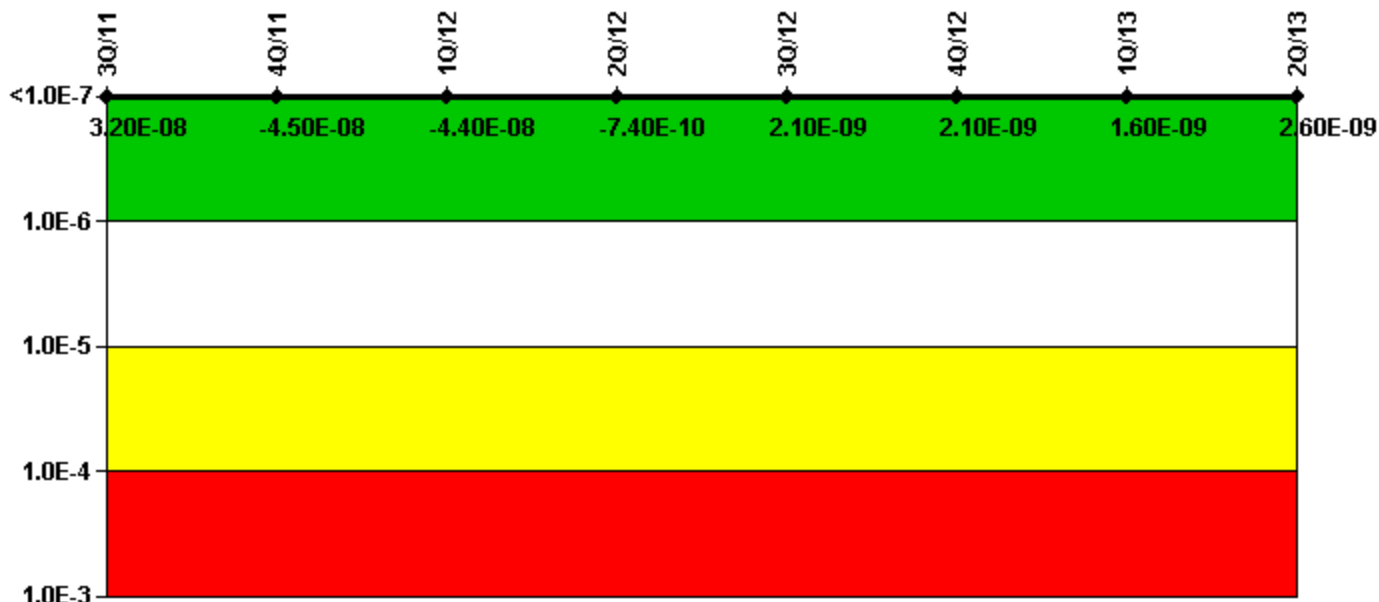
Safety System Functional Failures (PWR)	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Safety System Functional Failures	0	0	1	1	0	0	0	0
Indicator value	2	1	2	2	2	2	1	0

Licensee Comments:

2Q/12: One LER (2012-001-00) was submitted for the month of June 2012, which describes a condition where unexpected long-term corrosion of valve piston rings caused delayed closing of Main Steam Isolation Valves.

1Q/12: One LER (2011-002-00) was submitted which describes an event in which the 1B-SB Emergency Diesel Generator was found to be inoperable because the engine may not have run for the entire seven day mission time due to drift of the speed setting.

Mitigating Systems Performance Index, Emergency AC Power System



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

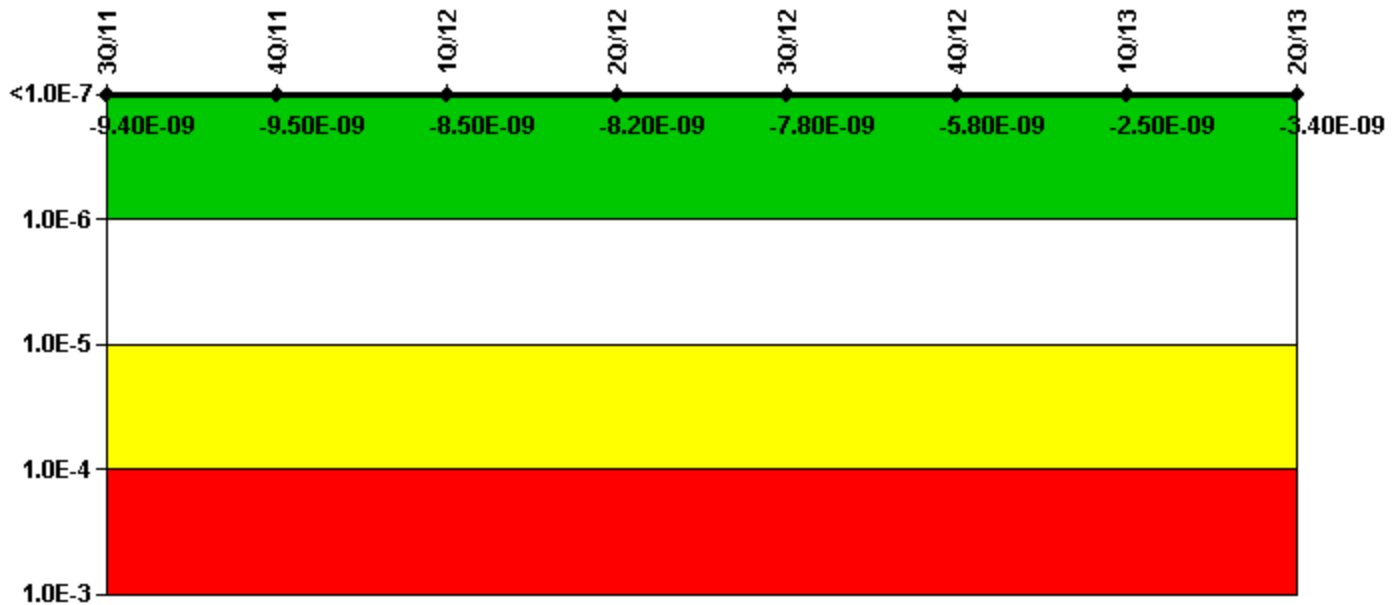
Notes

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)	1.13E-08	8.40E-09	9.54E-09	1.02E-08	1.27E-08	1.23E-08	1.14E-08	1.21E-08
URI (Δ CDF)	2.03E-08	-5.36E-08	-5.33E-08	-1.09E-08	-1.06E-08	-1.02E-08	-9.84E-09	-9.46E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.20E-08	-4.50E-08	-4.40E-08	-7.40E-10	2.10E-09	2.10E-09	1.60E-09	2.60E-09

Licensee Comments:

3Q/11: Corrected data has been submitted for EAC Planned unavailability for July 2010, March 2011, April 2011, May 2011, June 2011. No color change as a result of this updated data.

Mitigating Systems Performance Index, High Pressure Injection System



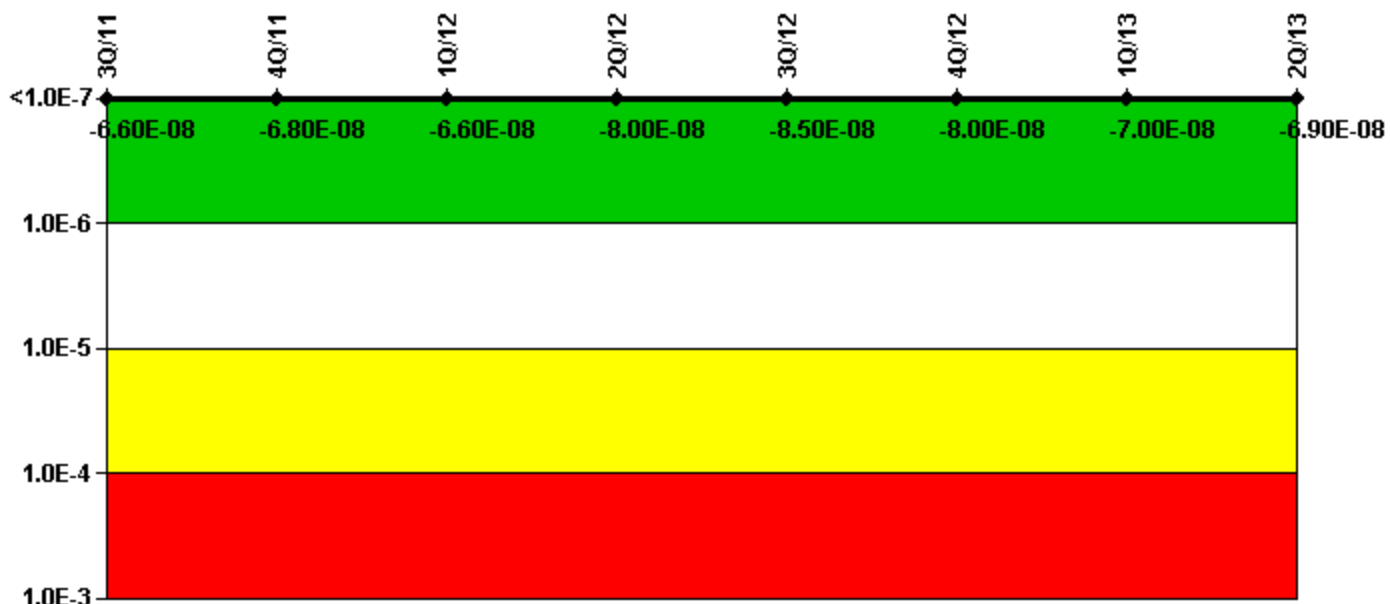
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	6.70E-10	6.70E-10	1.75E-09	2.00E-09	2.28E-09	4.18E-09	7.32E-09	6.40E-09
URI (Δ CDF)	-1.00E-08	-1.02E-08	-1.03E-08	-1.02E-08	-1.01E-08	-9.96E-09	-9.86E-09	-9.76E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-9.40E-09	-9.50E-09	-8.50E-09	-8.20E-09	-7.80E-09	-5.80E-09	-2.50E-09	-3.40E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



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

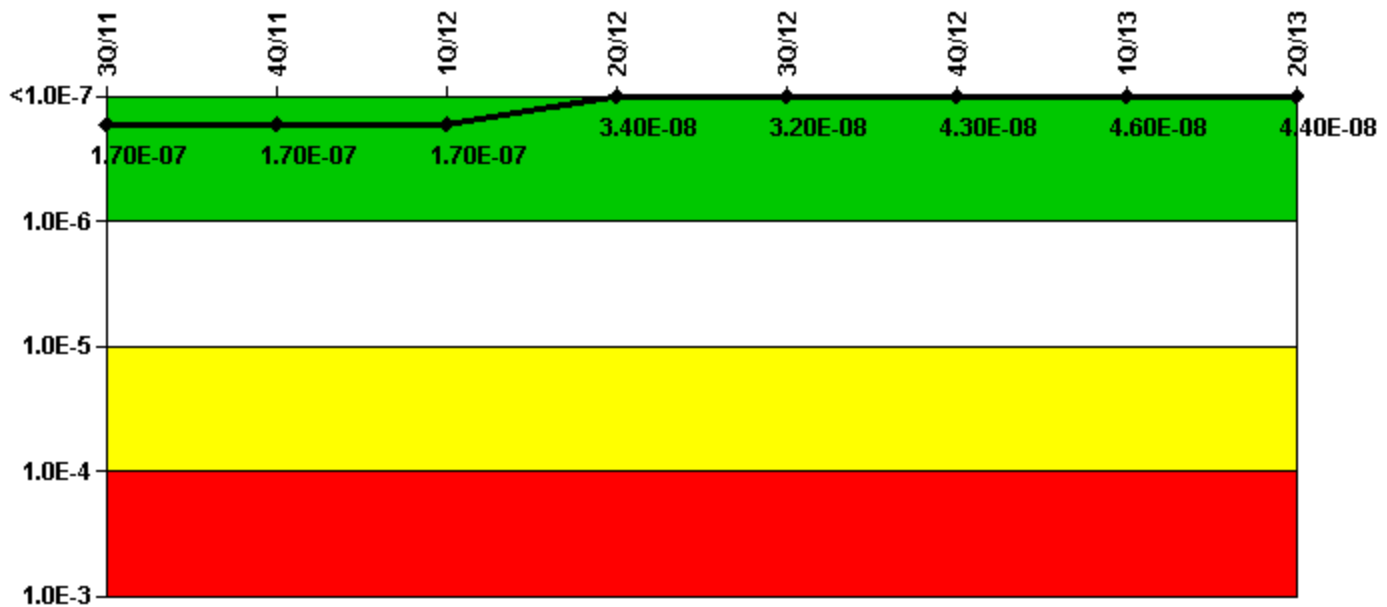
Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
UAI (Δ CDF)	7.60E-09	5.67E-09	8.30E-09	-6.82E-09	-1.15E-08	-7.34E-09	3.36E-10	1.40E-09
URI (Δ CDF)	-7.39E-08	-7.39E-08	-7.38E-08	-7.36E-08	-7.33E-08	-7.28E-08	-7.07E-08	-7.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.60E-08	-6.80E-08	-6.60E-08	-8.00E-08	-8.50E-08	-8.00E-08	-7.00E-08	-6.90E-08

Licensee Comments:

1Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System



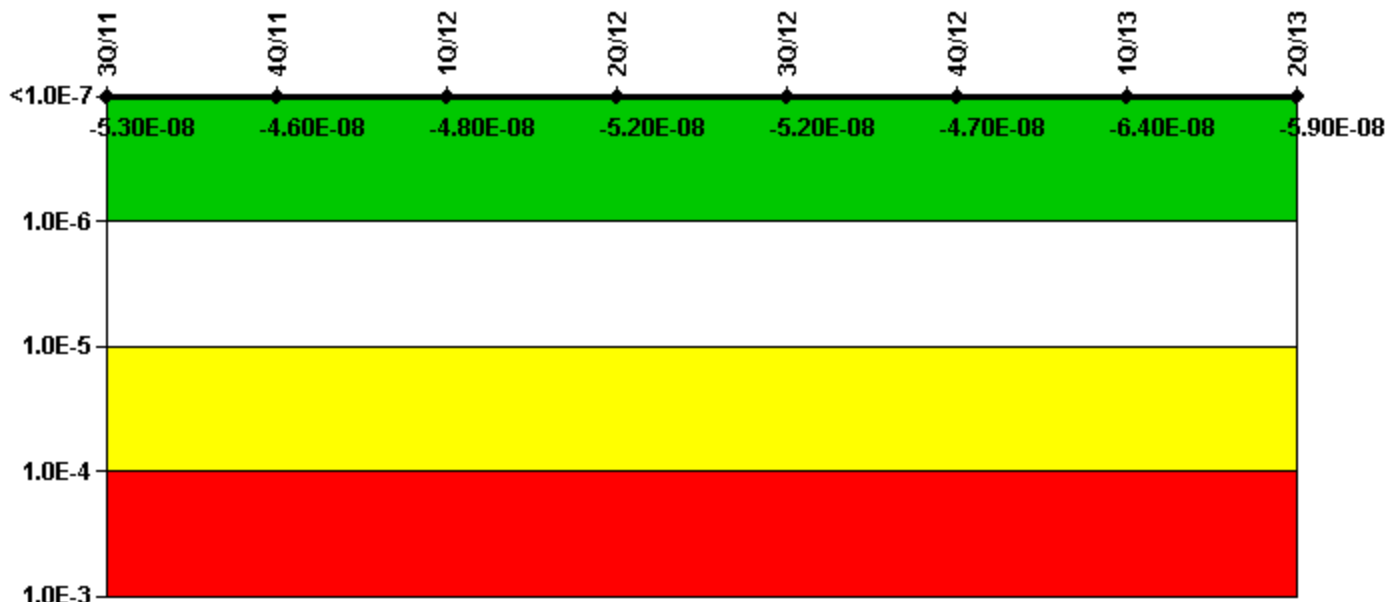
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
UAI (Δ CDF)	4.49E-09	4.04E-09	7.93E-09	1.04E-08	7.45E-09	1.81E-08	2.03E-08	1.81E-08
URI (Δ CDF)	1.64E-07	1.64E-07	1.65E-07	2.37E-08	2.43E-08	2.49E-08	2.55E-08	2.62E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.70E-07	1.70E-07	1.70E-07	3.40E-08	3.20E-08	4.30E-08	4.60E-08	4.40E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



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

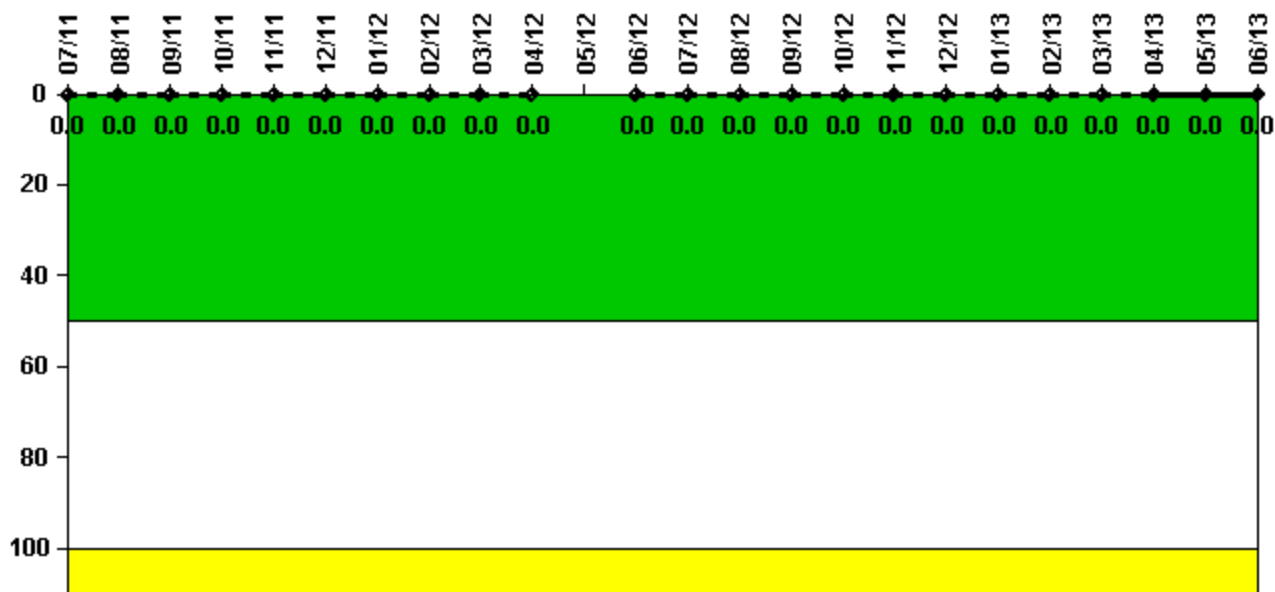
Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
UAI (Δ CDF)	5.32E-08	6.02E-08	5.82E-08	5.43E-08	5.38E-08	5.84E-08	4.04E-08	4.60E-08
URI (Δ CDF)	-1.07E-07	-1.07E-07	-1.06E-07	-1.06E-07	-1.06E-07	-1.05E-07	-1.05E-07	-1.04E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.30E-08	-4.60E-08	-4.80E-08	-5.20E-08	-5.20E-08	-4.70E-08	-6.40E-08	-5.90E-08

Licensee Comments:

1Q/12: Changed PRA Parameter(s).

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

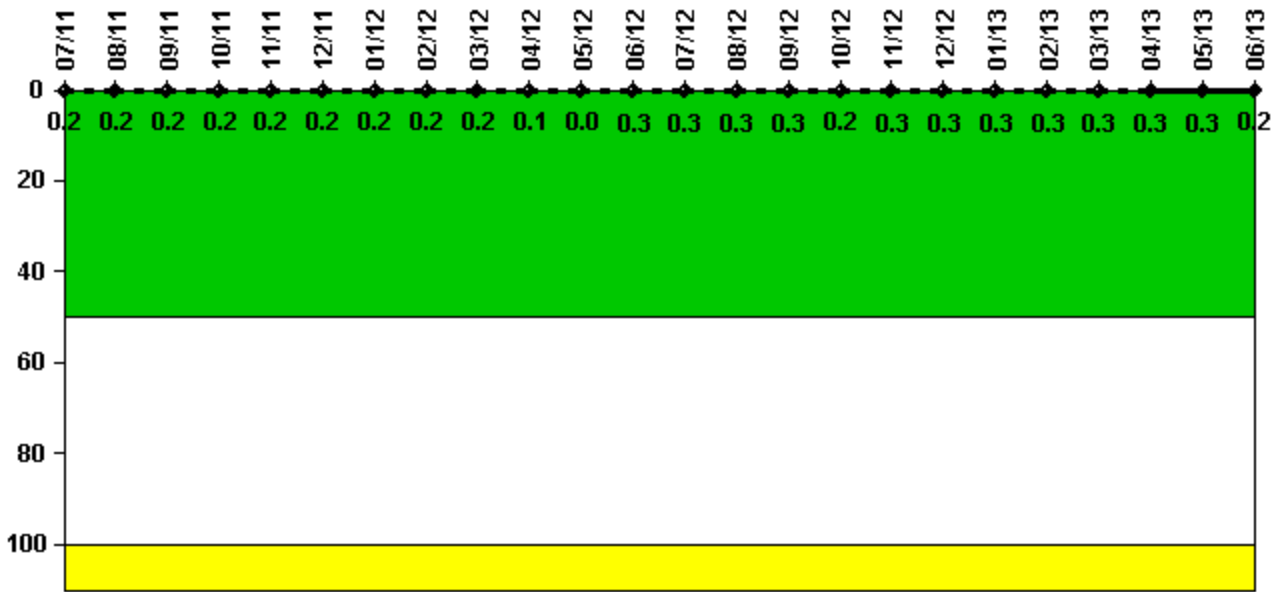
Notes

Reactor Coolant System Activity	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12	4/12	5/12	6/12
Maximum activity	0.000126	0.000127	0.000130	0.000136	0.000138	0.000141	0.000202	0.000147	0.000158	0.000253	N/A	0.000049
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	N/A	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	0.000060	0.000347	0.000074	0.000122	0.000087	0.000146	0.000156	0.000186	0.000130	0.000111	0.000111	0.000118
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



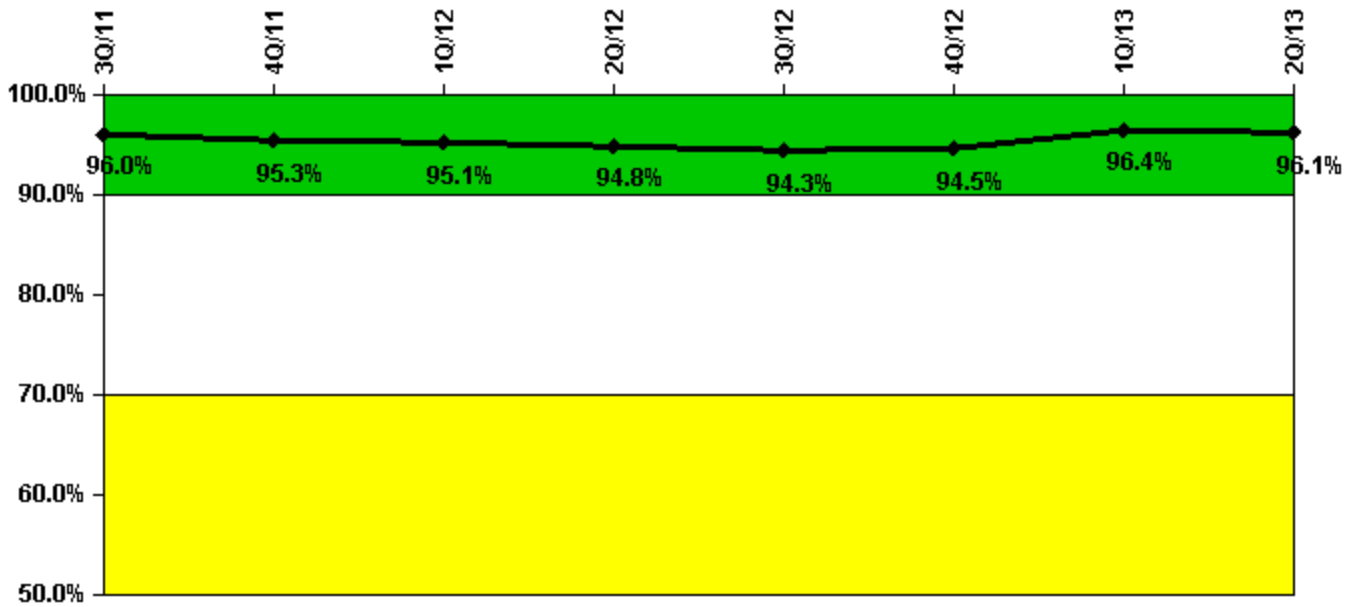
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12	4/12	5/12	6/12
Maximum leakage	0.019	0.018	0.017	0.019	0.018	0.017	0.017	0.016	0.016	0.014	0	0.026
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0	0.3
Reactor Coolant System Leakage	7/12	8/12	9/12	10/12	11/12	12/12	1/13	2/13	3/13	4/13	5/13	6/13
Maximum leakage	0.026	0.025	0.027	0.024	0.026	0.026	0.028	0.027	0.027	0.028	0.025	0.023
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2

Licensee Comments: none

Drill/Exercise Performance



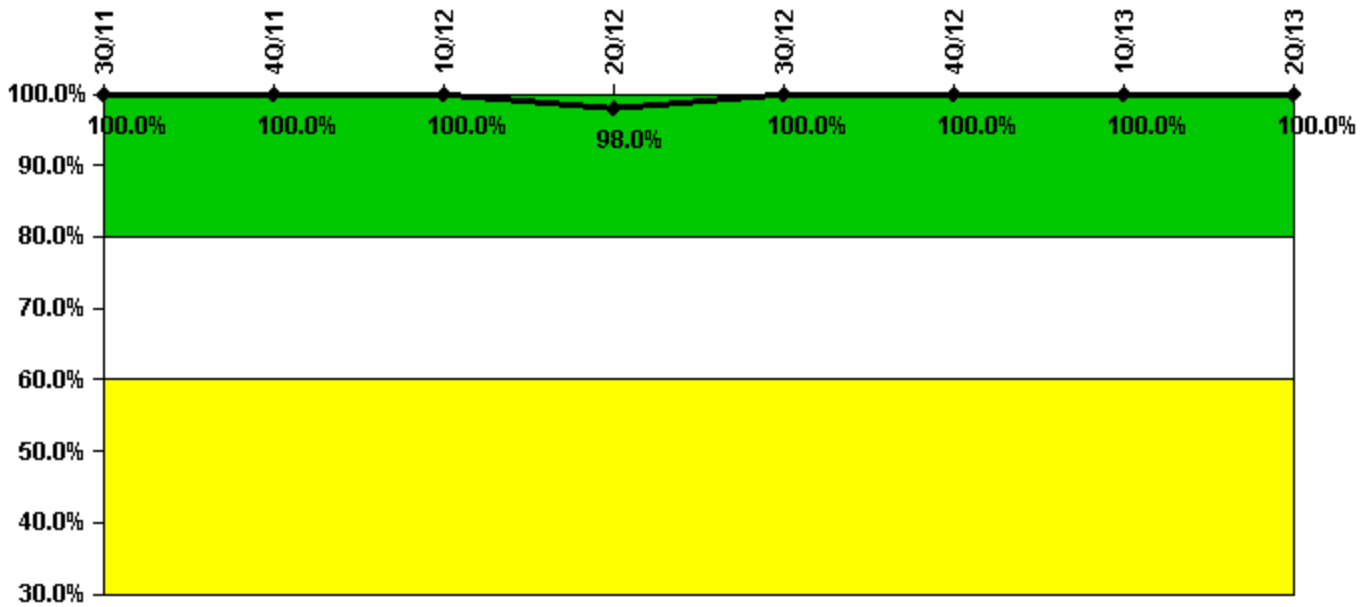
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Successful opportunities	24.0	32.0	25.0	2.0	43.0	15.0	45.0	9.0
Total opportunities	25.0	34.0	25.0	2.0	46.0	15.0	46.0	10.0
Indicator value	96.0%	95.3%	95.1%	94.8%	94.3%	94.5%	96.4%	96.1%

Licensee Comments: none

ERO Drill Participation



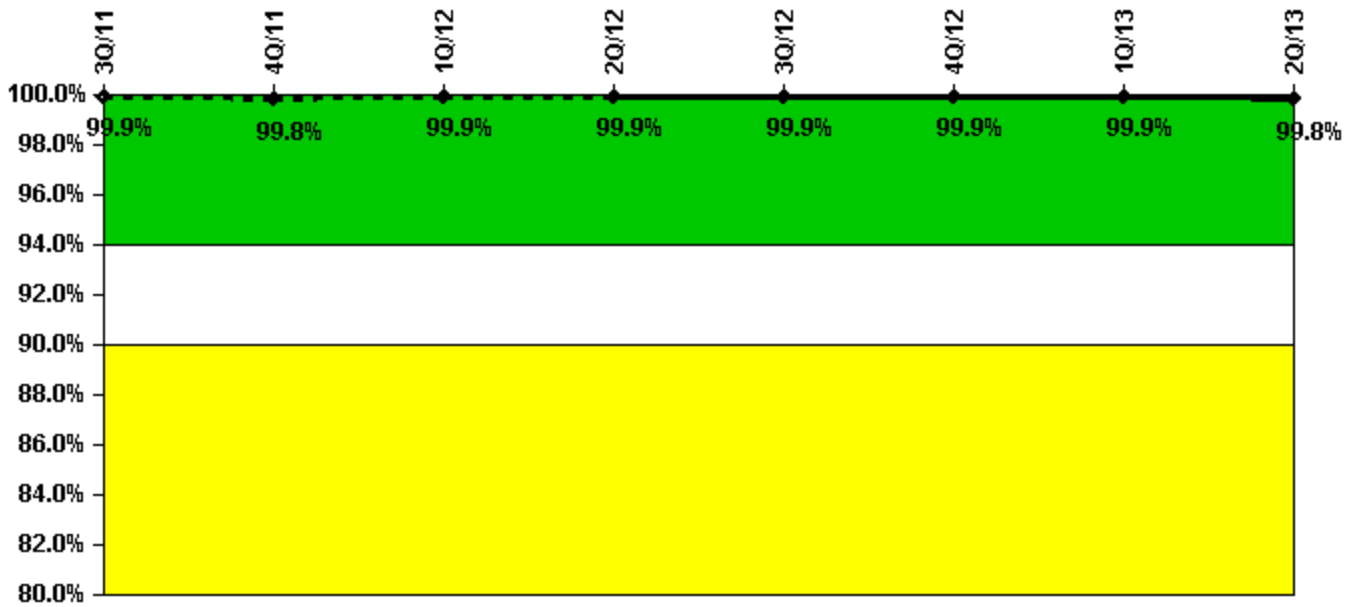
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Participating Key personnel	47.0	52.0	54.0	50.0	50.0	51.0	50.0	50.0
Total Key personnel	47.0	52.0	54.0	51.0	50.0	51.0	50.0	50.0
Indicator value	100.0%	100.0%	100.0%	98.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



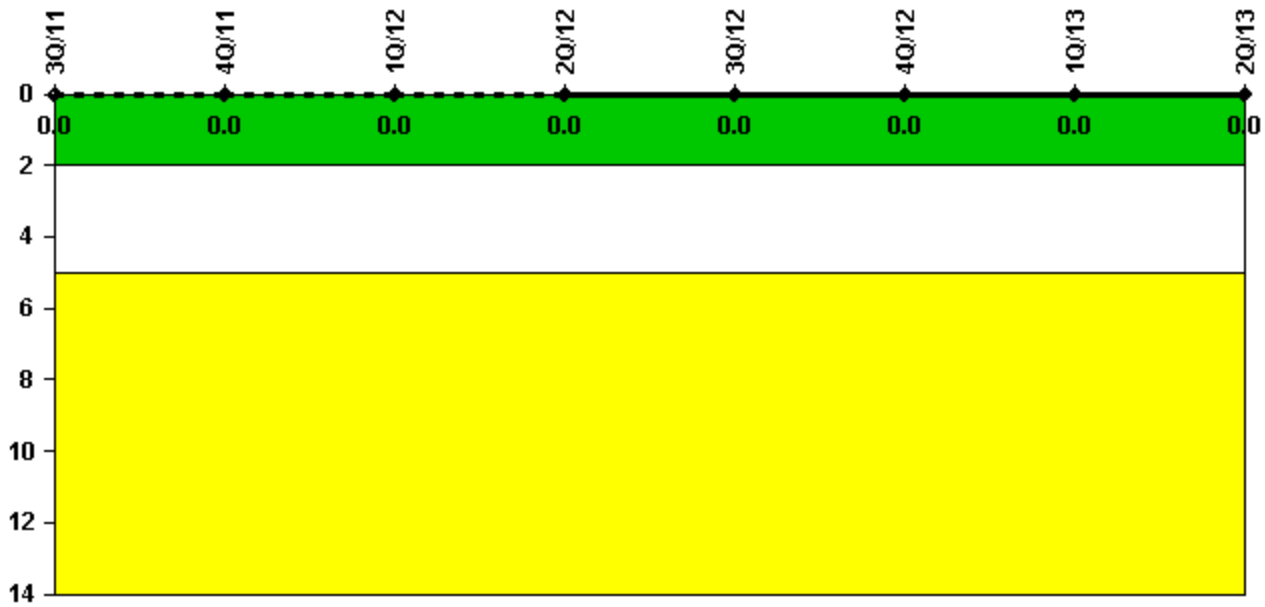
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Successful siren-tests	746	663	664	581	746	580	664	579
Total sirens-tests	747	664	664	581	747	581	664	581
Indicator value	99.9%	99.8%	99.9%	99.9%	99.9%	99.9%	99.9%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



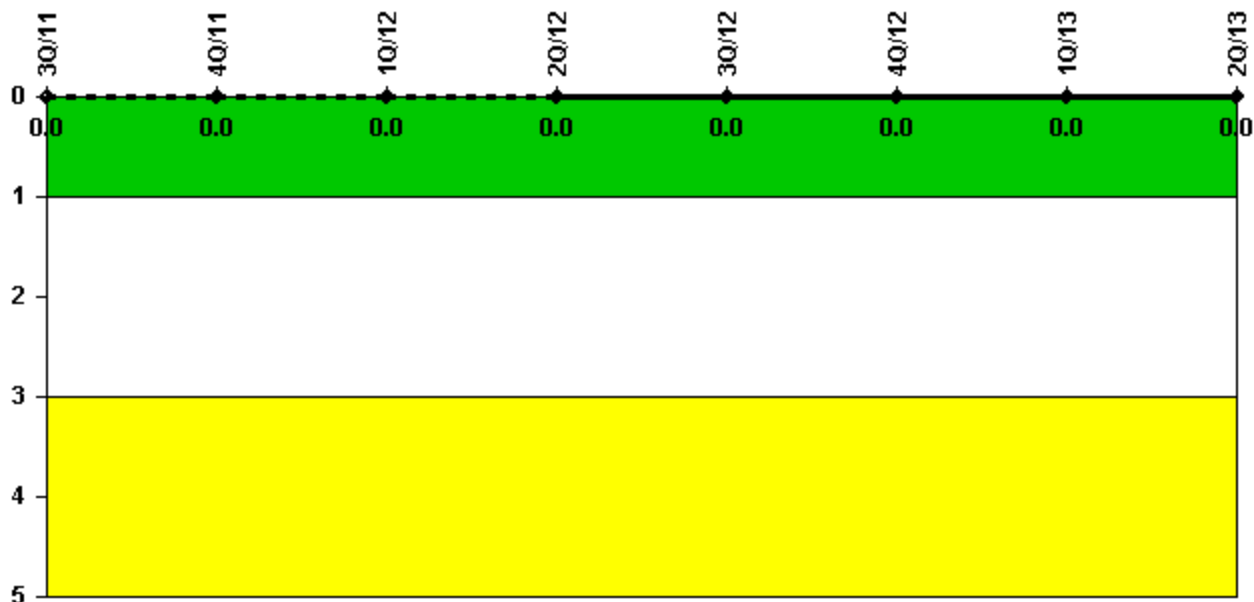
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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	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/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	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: August 19, 2013

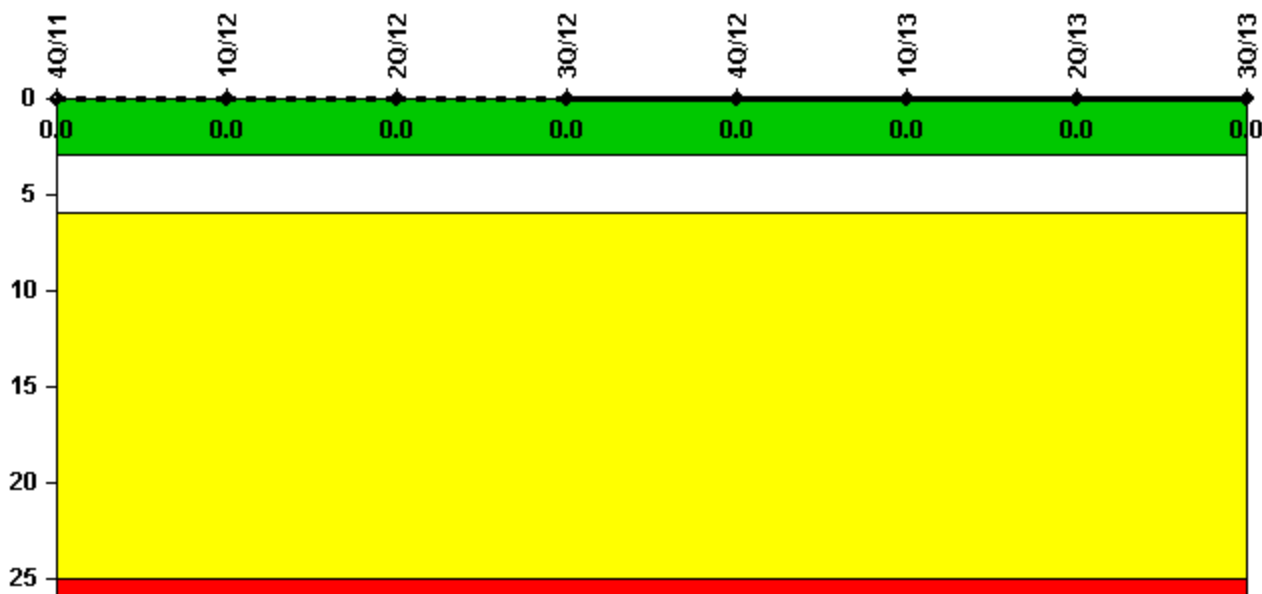
Harris 1

3Q/2013 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

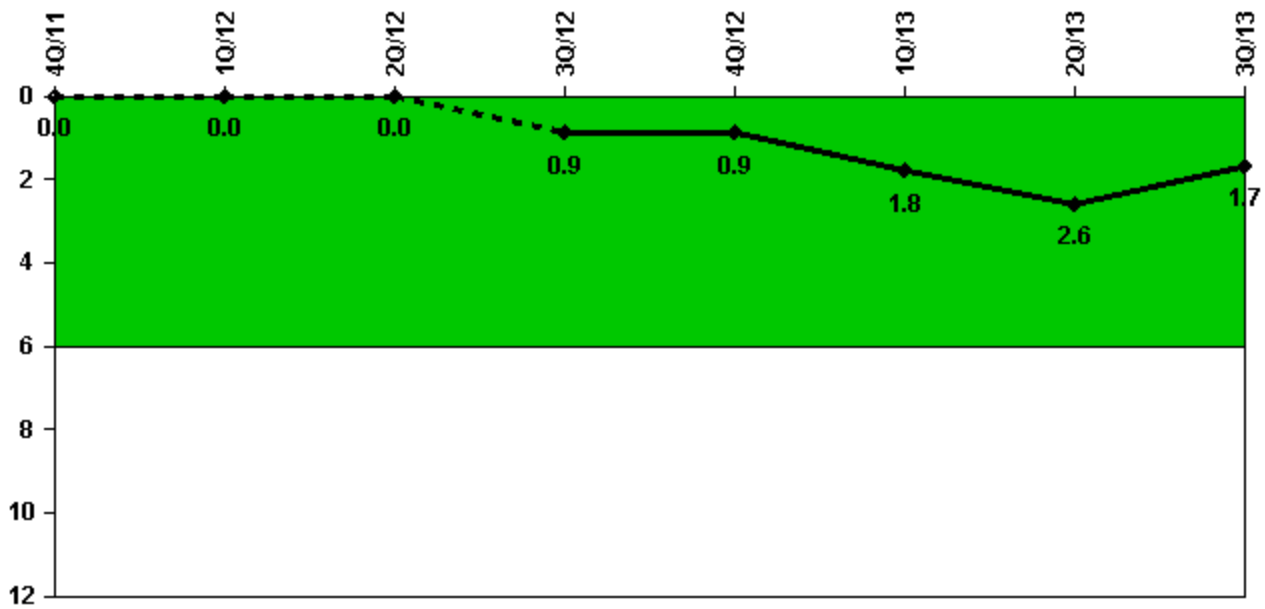
Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2209.0	2183.0	1072.9	2208.0	2209.0	2159.0	1656.8	2208.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments:

2Q/12: There was a planned unit shutdown for RFO-17 starting April 21, 2012 and continuing into June 2012.

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

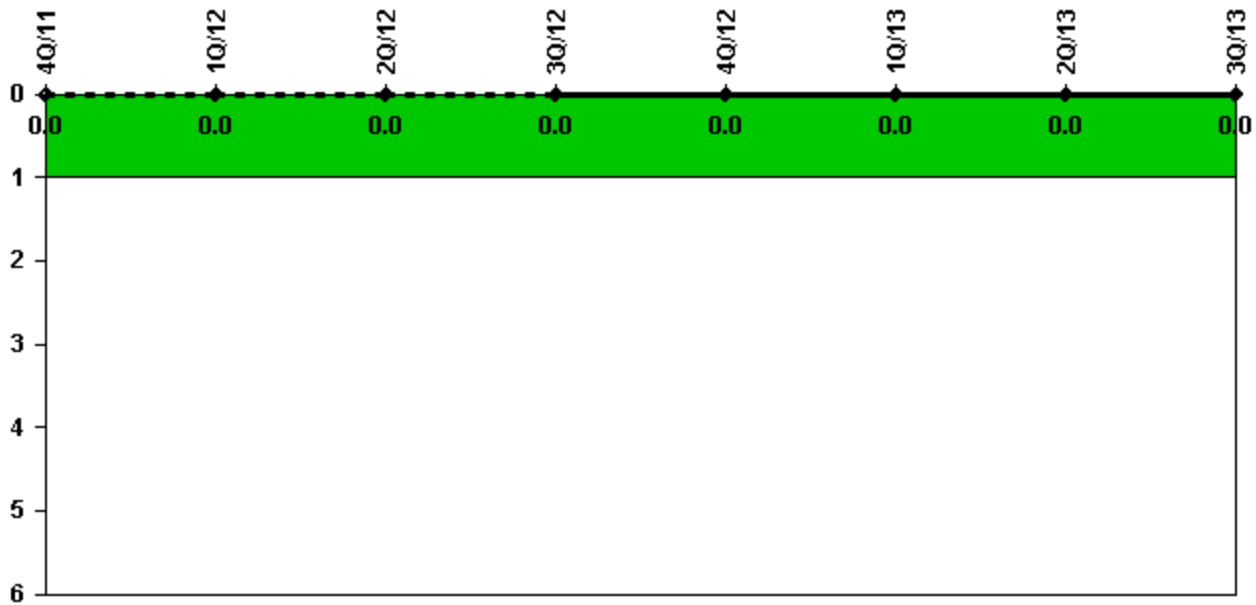
Notes

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	1.0	1.0	0
Critical hours	2209.0	2183.0	1072.9	2208.0	2209.0	2159.0	1656.8	2208.0
Indicator value	0	0	0	0.9	0.9	1.8	2.6	1.7

Licensee Comments:

2Q/12: There was a planned unit shutdown for RFO-17 starting April 21, 2012 and continuing into June 2012.

Unplanned Scrams with Complications



Thresholds: White > 1.0

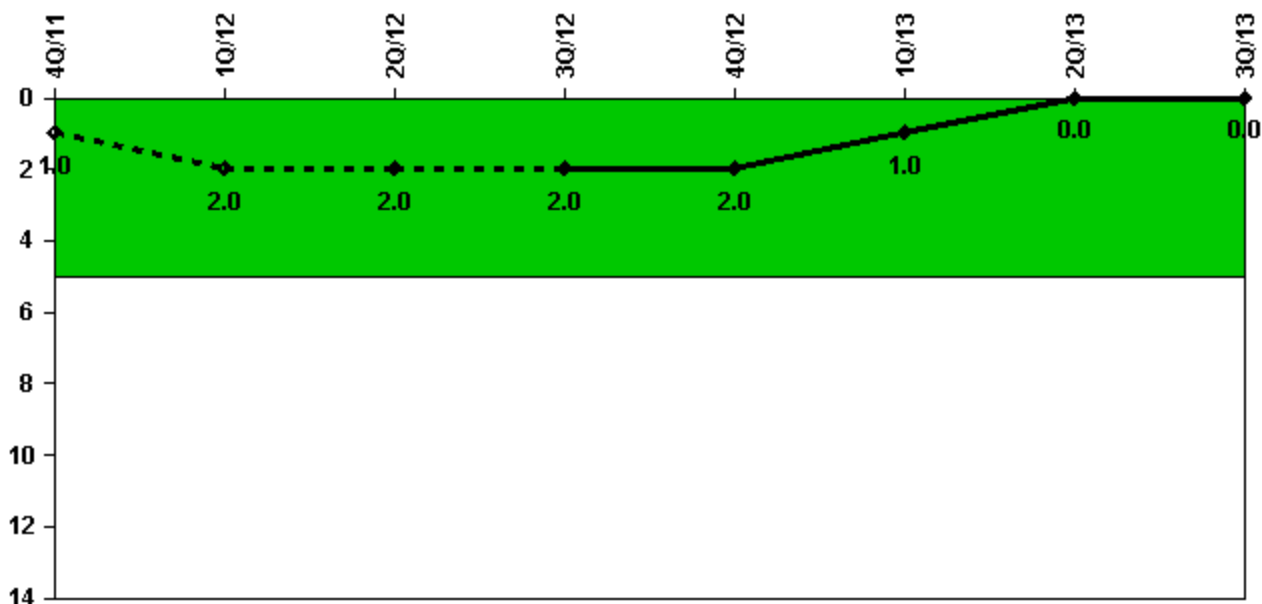
Notes

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	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments:

2Q/12: There was a planned unit shutdown for RFO-17 starting April 21, 2012 and continuing into June 2012.

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

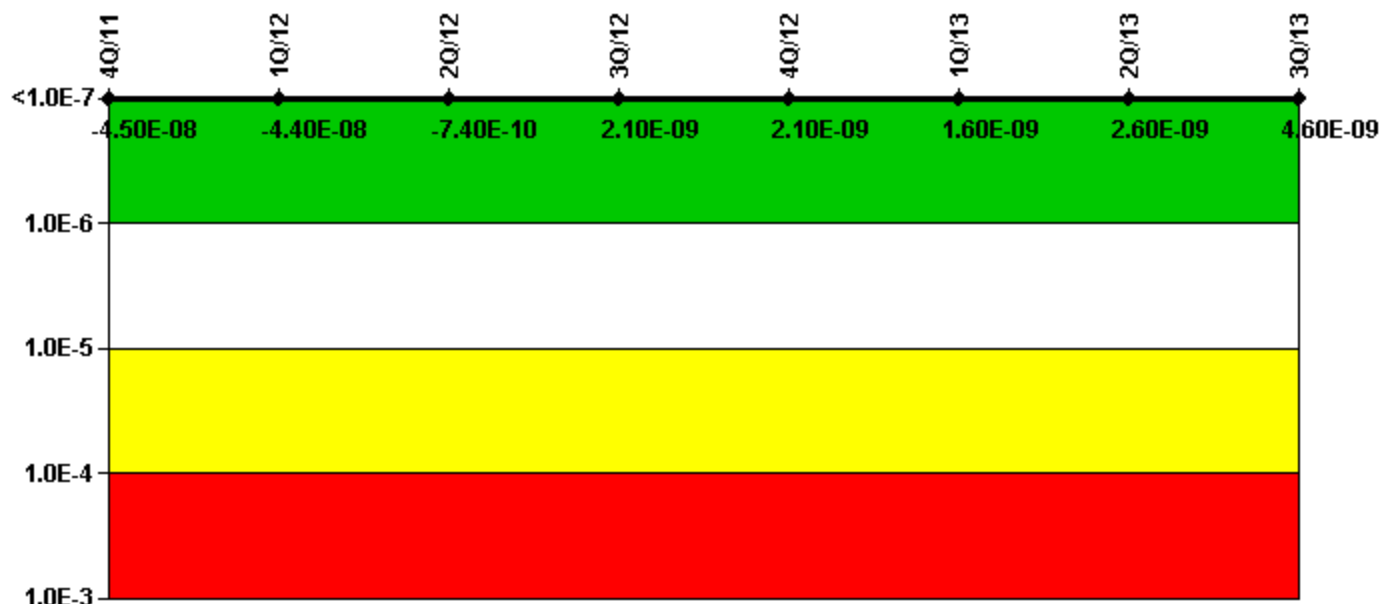
Safety System Functional Failures (PWR)	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Safety System Functional Failures	0	1	1	0	0	0	0	0
Indicator value	1	2	2	2	2	1	0	0

Licensee Comments:

2Q/12: One LER (2012-001-00) was submitted for the month of June 2012, which describes a condition where unexpected long-term corrosion of valve piston rings caused delayed closing of Main Steam Isolation Valves.

1Q/12: One LER (2011-002-00) was submitted which describes an event in which the 1B-SB Emergency Diesel Generator was found to be inoperable because the engine may not have run for the entire seven day mission time due to drift of the speed setting.

Mitigating Systems Performance Index, Emergency AC Power System



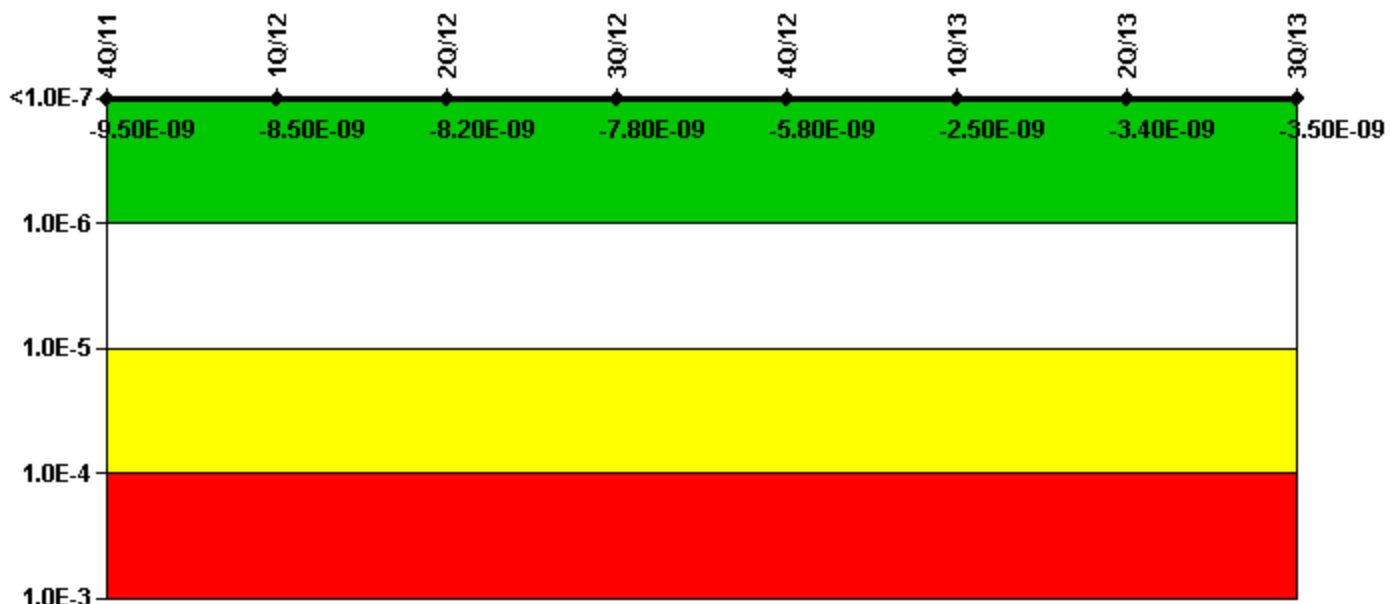
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (ΔCDF)	8.40E-09	9.54E-09	1.02E-08	1.27E-08	1.23E-08	1.14E-08	1.21E-08	1.37E-08
URI (ΔCDF)	-5.36E-08	-5.33E-08	-1.09E-08	-1.06E-08	-1.02E-08	-9.84E-09	-9.46E-09	-9.08E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.50E-08	-4.40E-08	-7.40E-10	2.10E-09	2.10E-09	1.60E-09	2.60E-09	4.60E-09

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



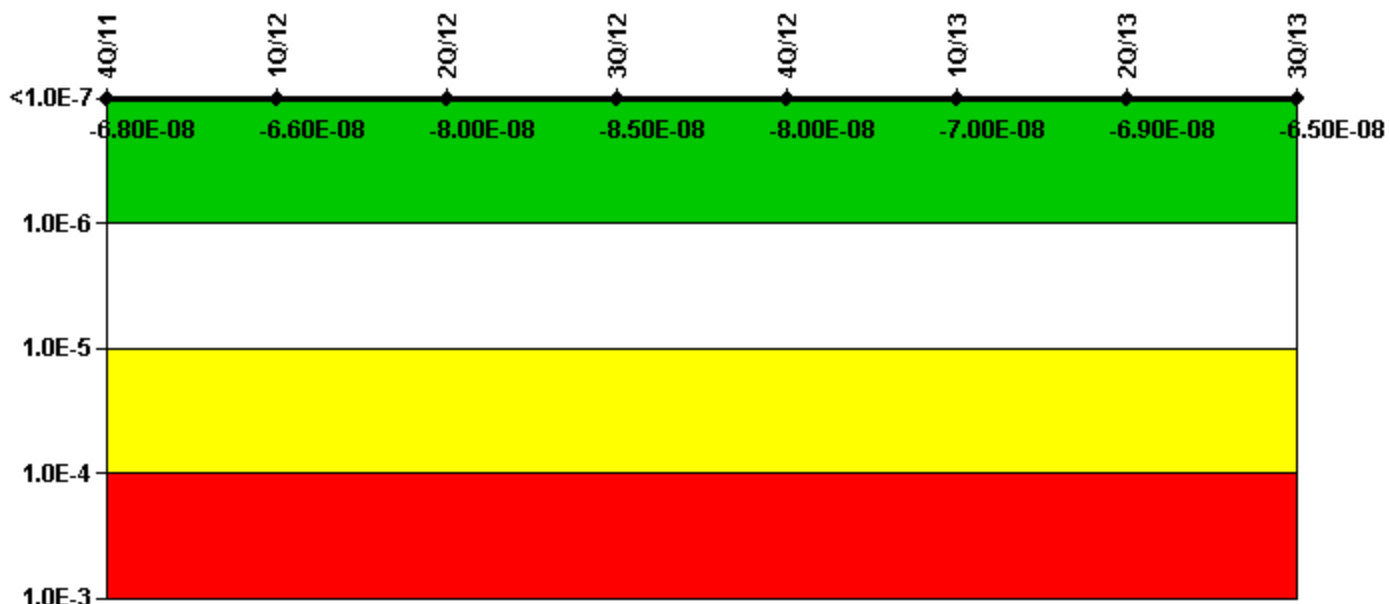
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
UAI (Δ CDF)	6.70E-10	1.75E-09	2.00E-09	2.28E-09	4.18E-09	7.32E-09	6.40E-09	6.14E-09
URI (Δ CDF)	-1.02E-08	-1.03E-08	-1.02E-08	-1.01E-08	-9.96E-09	-9.86E-09	-9.76E-09	-9.65E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-9.50E-09	-8.50E-09	-8.20E-09	-7.80E-09	-5.80E-09	-2.50E-09	-3.40E-09	-3.50E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



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

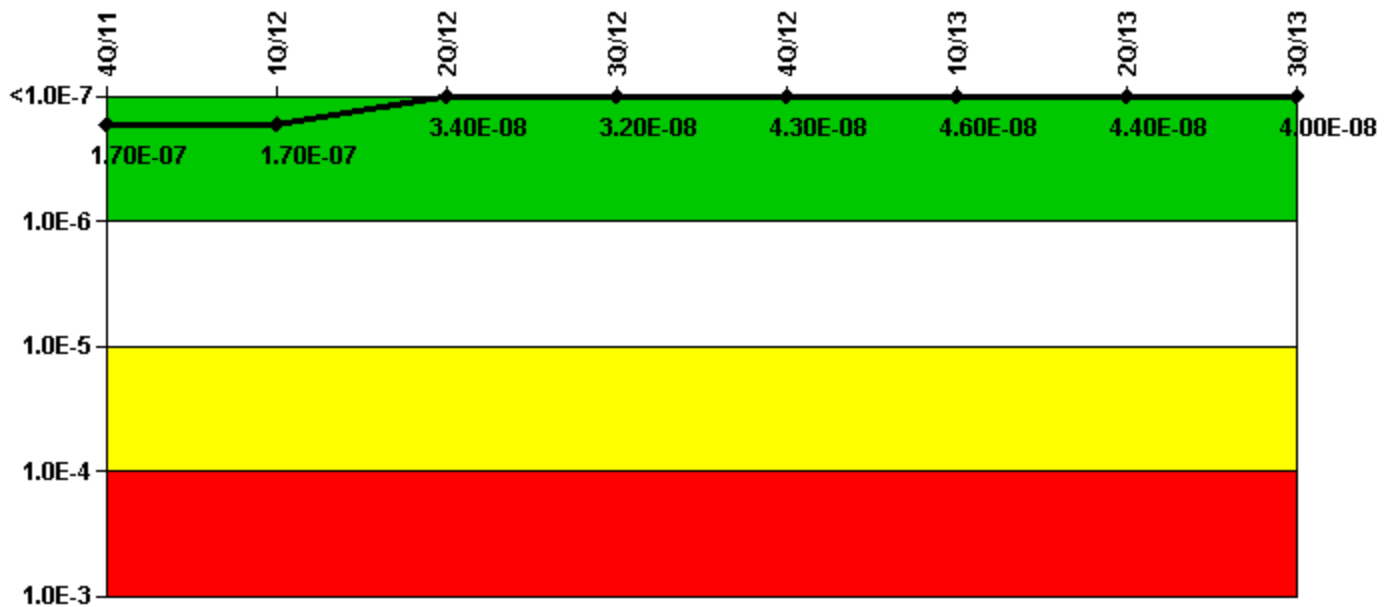
Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
UAI (Δ CDF)	5.67E-09	8.30E-09	-6.82E-09	-1.15E-08	-7.34E-09	3.36E-10	1.40E-09	4.23E-09
URI (Δ CDF)	-7.39E-08	-7.38E-08	-7.36E-08	-7.33E-08	-7.28E-08	-7.07E-08	-7.00E-08	-6.91E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.80E-08	-6.60E-08	-8.00E-08	-8.50E-08	-8.00E-08	-7.00E-08	-6.90E-08	-6.50E-08

Licensee Comments:

1Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System



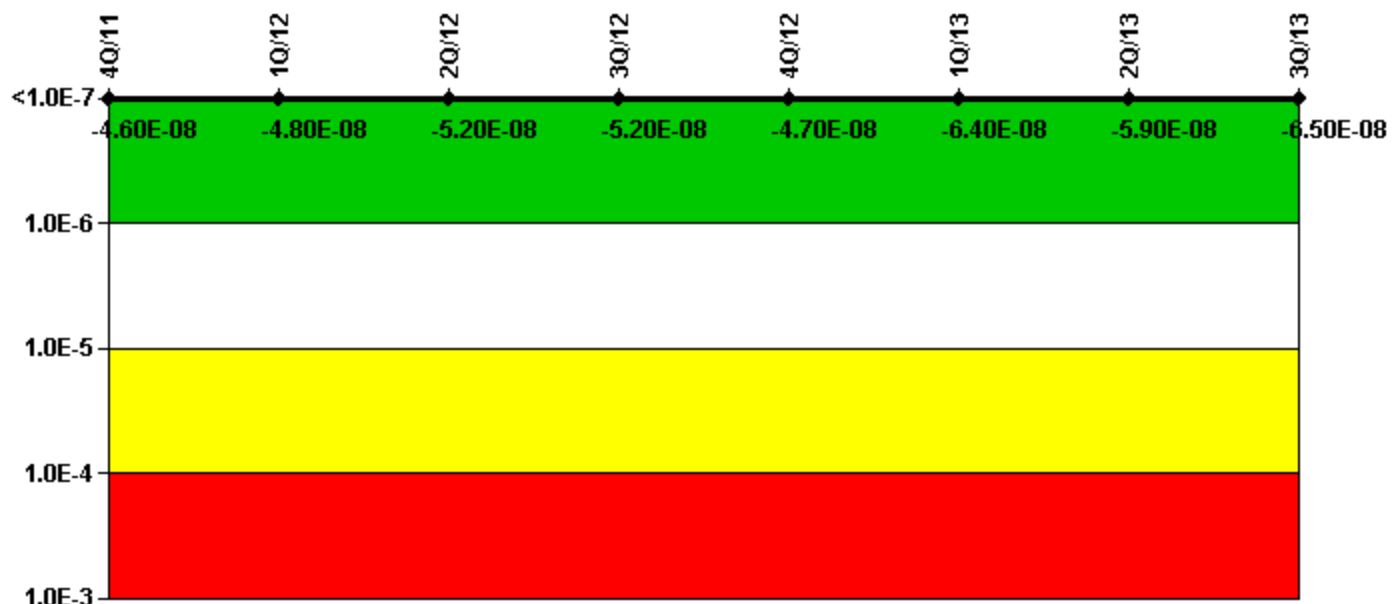
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
UAI (ΔCDF)	4.04E-09	7.93E-09	1.04E-08	7.45E-09	1.81E-08	2.03E-08	1.81E-08	1.30E-08
URI (ΔCDF)	1.64E-07	1.65E-07	2.37E-08	2.43E-08	2.49E-08	2.55E-08	2.62E-08	2.68E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.70E-07	1.70E-07	3.40E-08	3.20E-08	4.30E-08	4.60E-08	4.40E-08	4.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



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

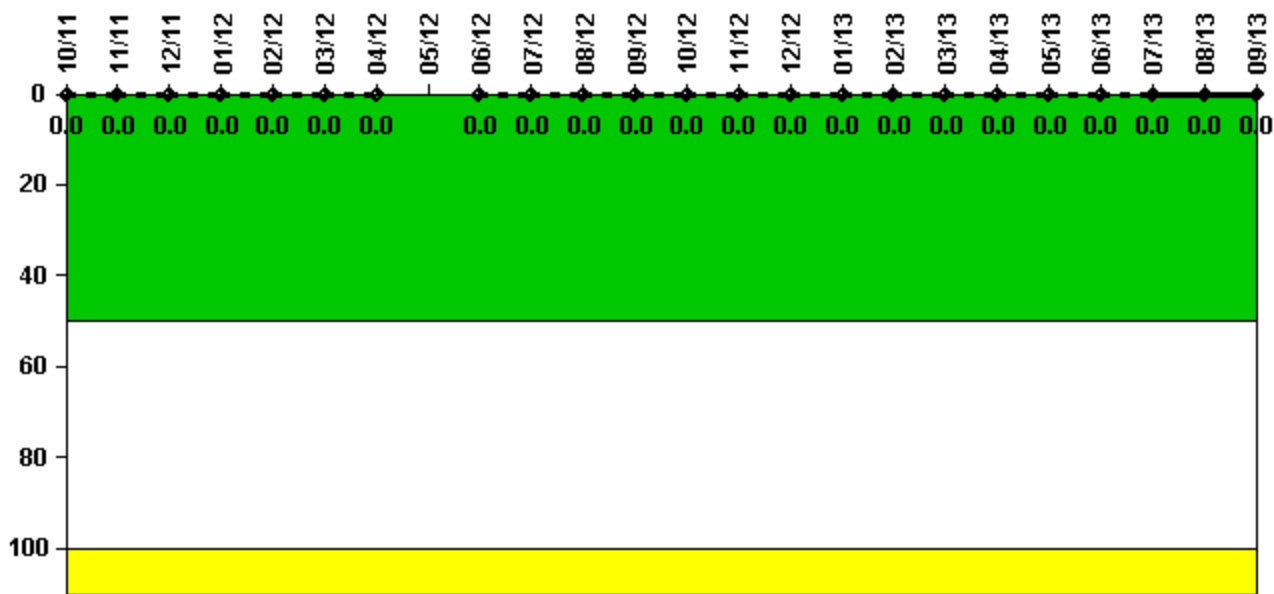
Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
UAI (Δ CDF)	6.02E-08	5.82E-08	5.43E-08	5.38E-08	5.84E-08	4.04E-08	4.60E-08	3.88E-08
URI (Δ CDF)	-1.07E-07	-1.06E-07	-1.06E-07	-1.06E-07	-1.05E-07	-1.05E-07	-1.04E-07	-1.04E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.60E-08	-4.80E-08	-5.20E-08	-5.20E-08	-4.70E-08	-6.40E-08	-5.90E-08	-6.50E-08

Licensee Comments:

1Q/12: Changed PRA Parameter(s).

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

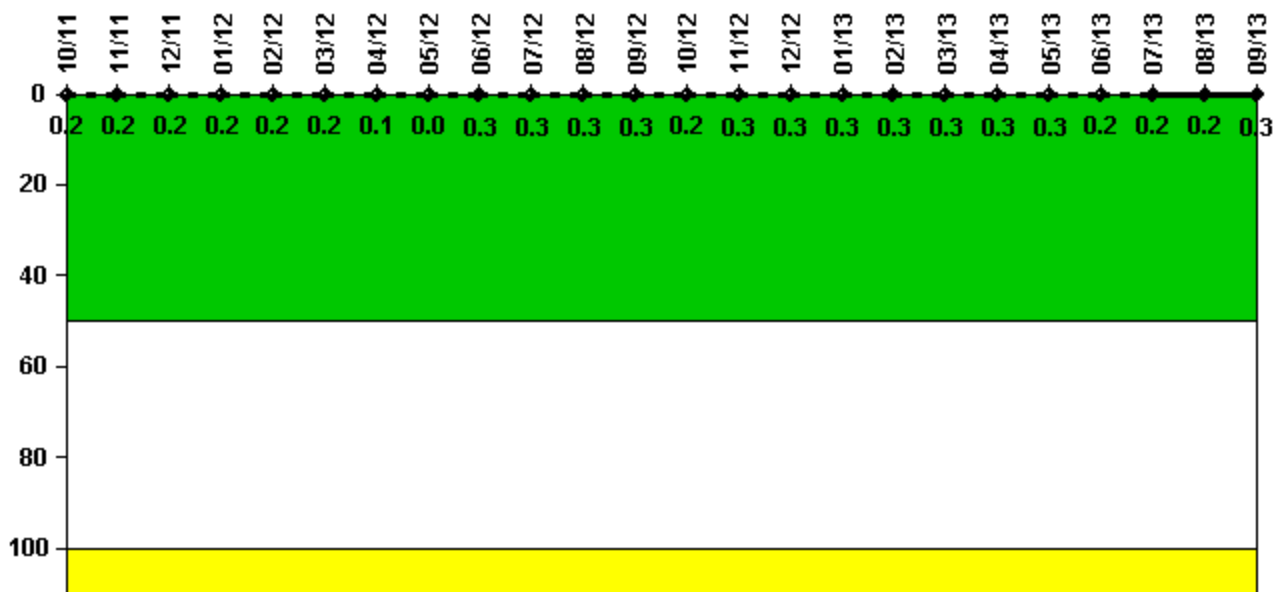
Notes

Reactor Coolant System Activity	10/11	11/11	12/11	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12
Maximum activity	0.000136	0.000138	0.000141	0.000202	0.000147	0.000158	0.000253	N/A	0.000049	0.000060	0.000347	0.000074
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	N/A	0	0	0	0

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	0.000122	0.000087	0.000146	0.000156	0.000186	0.000130	0.000111	0.000111	0.000118	0.000122	0.000125	0.000143
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



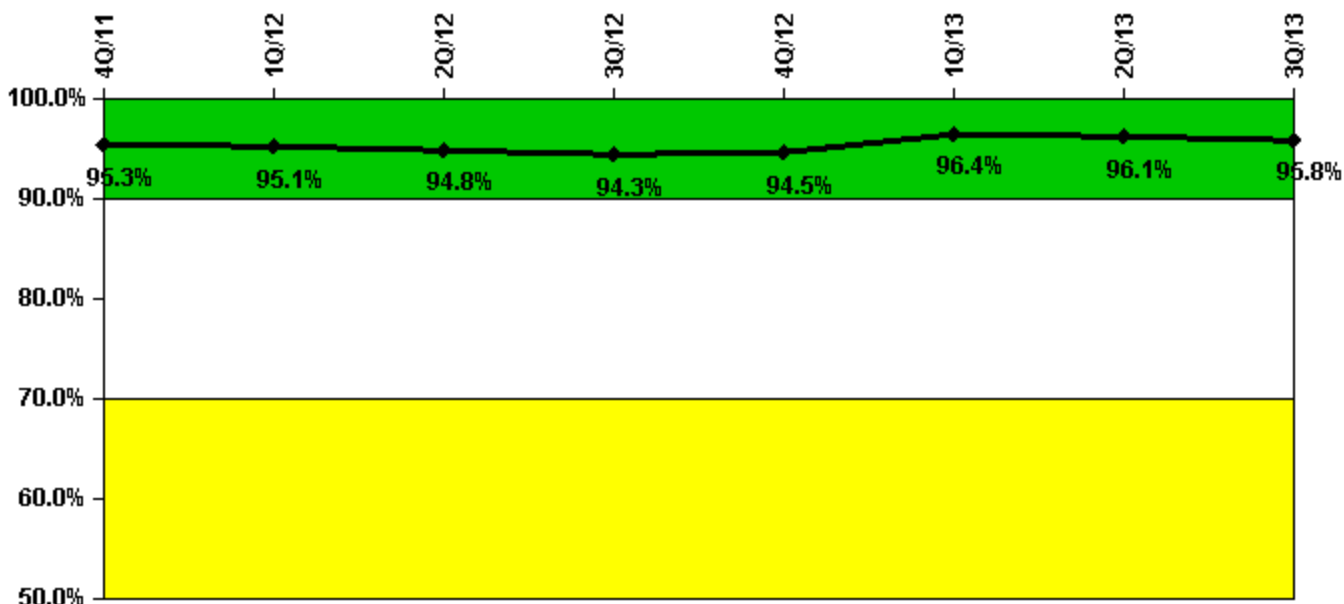
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/11	11/11	12/11	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12
Maximum leakage	0.019	0.018	0.017	0.017	0.016	0.016	0.014	0	0.026	0.026	0.025	0.027
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0	0.3	0.3	0.3	0.3
Reactor Coolant System Leakage	10/12	11/12	12/12	1/13	2/13	3/13	4/13	5/13	6/13	7/13	8/13	9/13
Maximum leakage	0.024	0.026	0.026	0.028	0.027	0.027	0.028	0.025	0.023	0.022	0.024	0.029
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.3

Licensee Comments: none

Drill/Exercise Performance



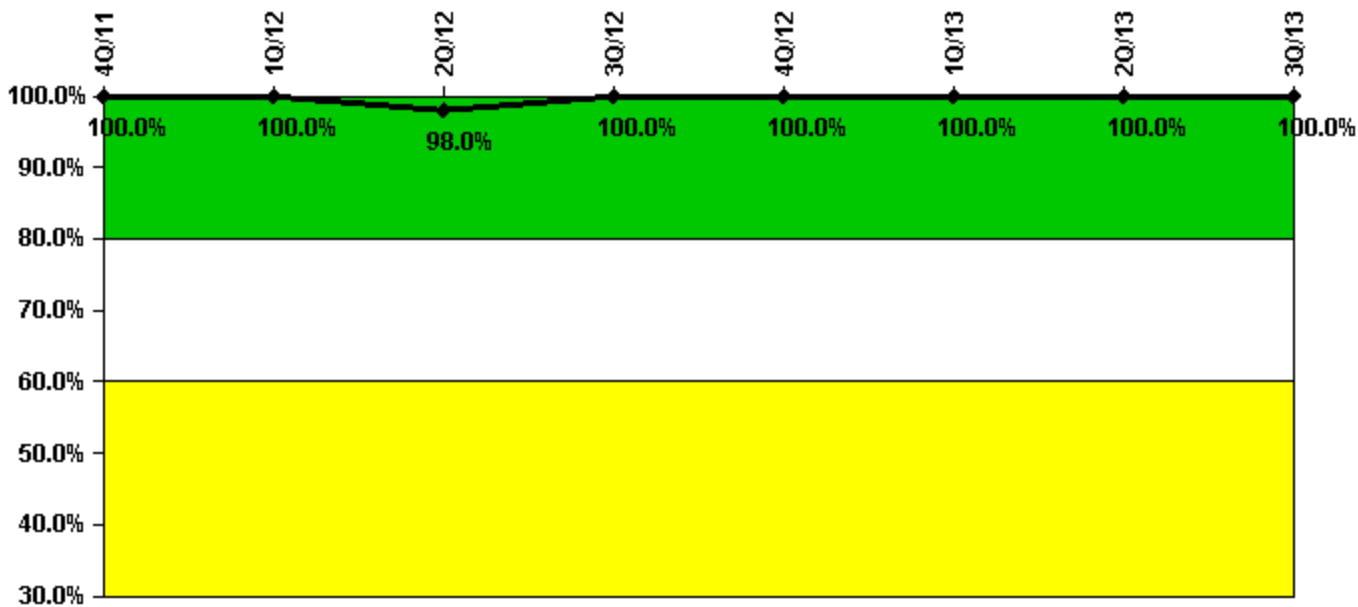
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Successful opportunities	32.0	25.0	2.0	43.0	15.0	45.0	9.0	13.0
Total opportunities	34.0	25.0	2.0	46.0	15.0	46.0	10.0	14.0
Indicator value	95.3%	95.1%	94.8%	94.3%	94.5%	96.4%	96.1%	95.8%

Licensee Comments: none

ERO Drill Participation



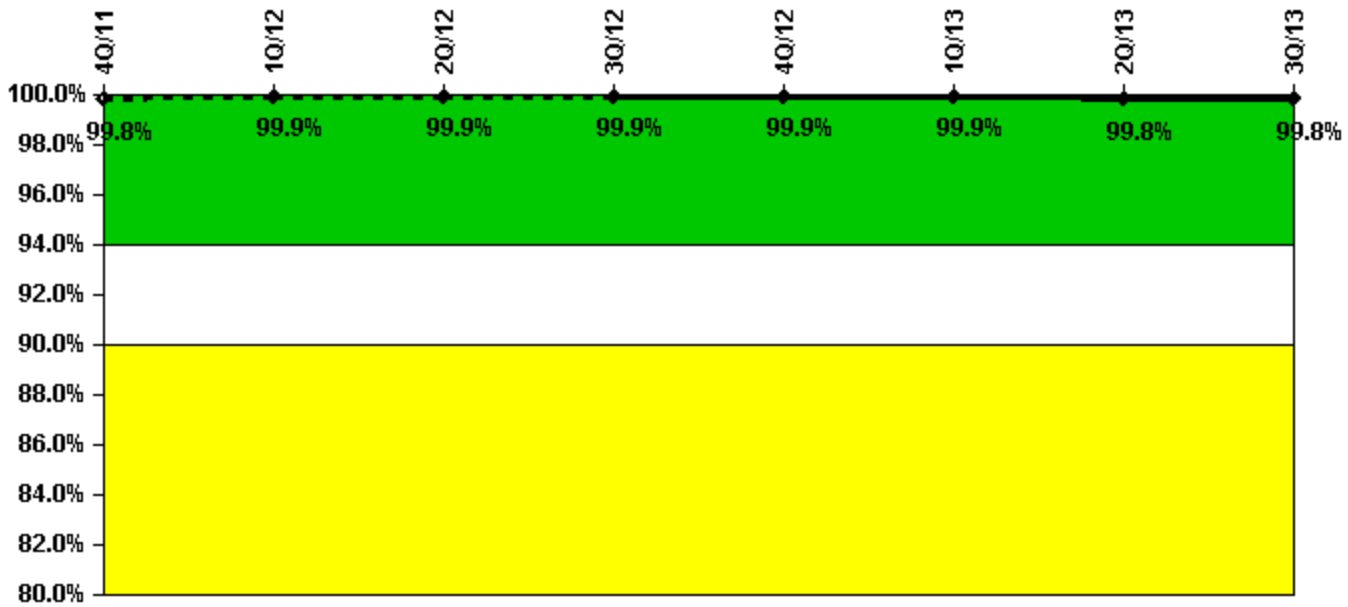
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Participating Key personnel	52.0	54.0	50.0	50.0	51.0	50.0	50.0	49.0
Total Key personnel	52.0	54.0	51.0	50.0	51.0	50.0	50.0	49.0
Indicator value	100.0%	100.0%	98.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



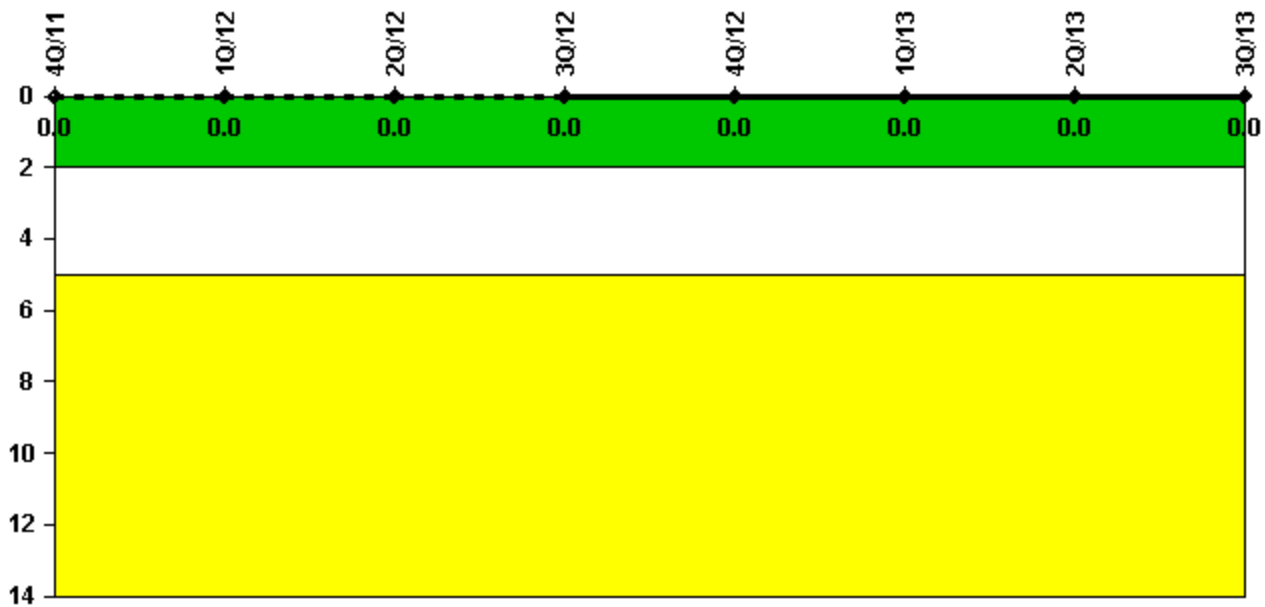
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Successful siren-tests	663	664	581	746	580	664	579	746
Total sirens-tests	664	664	581	747	581	664	581	747
Indicator value	99.8%	99.9%	99.9%	99.9%	99.9%	99.9%	99.8%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



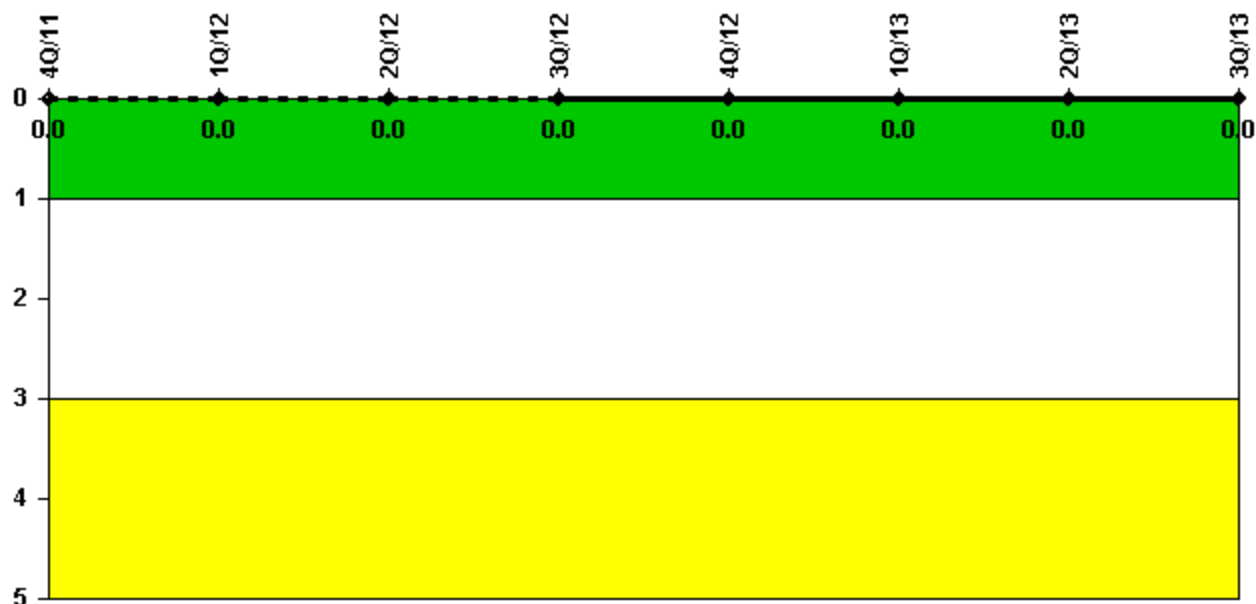
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/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	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: October 22, 2013

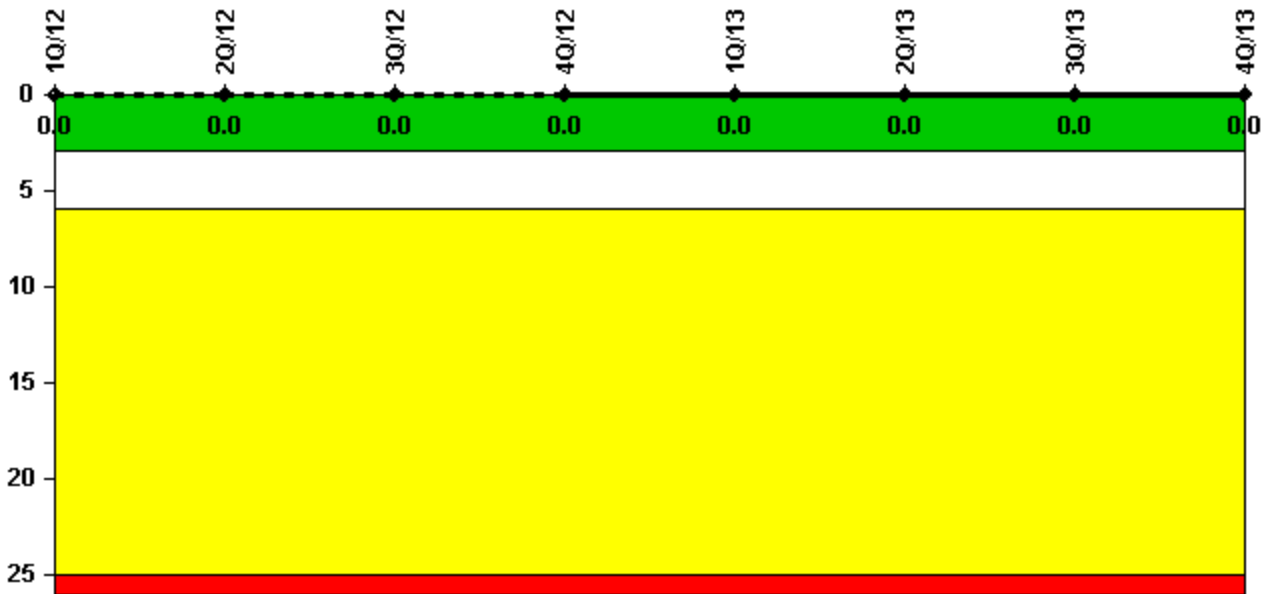
Harris 1

4Q/2013 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

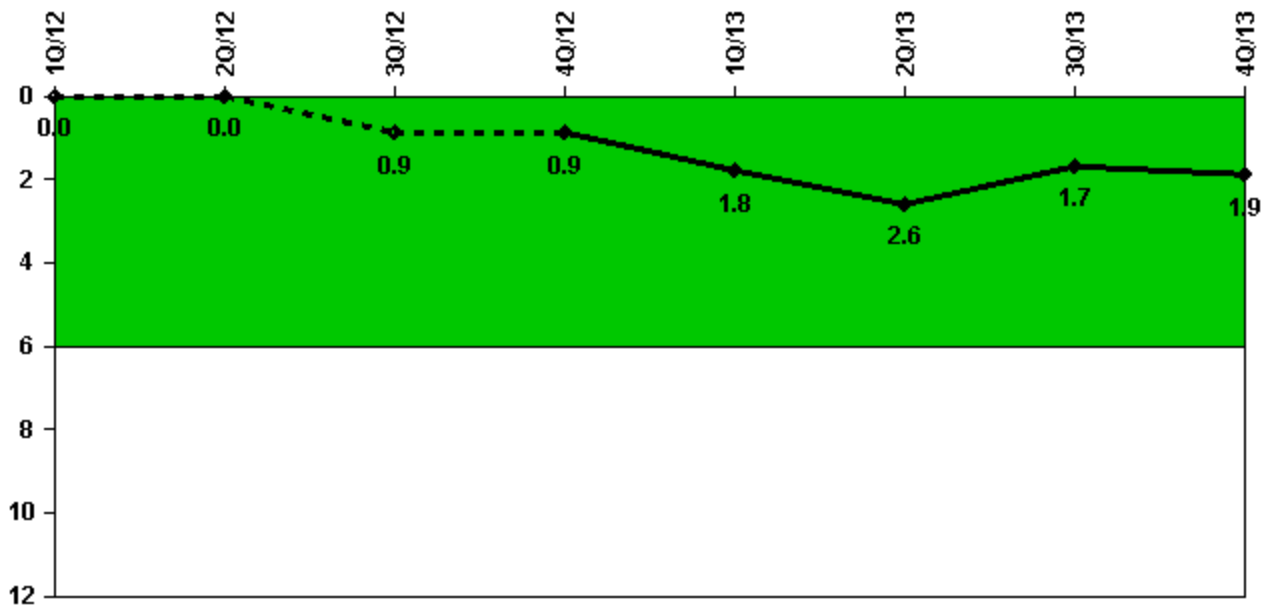
Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2183.0	1072.9	2208.0	2209.0	2159.0	1656.8	2208.0	1454.1
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments:

2Q/12: There was a planned unit shutdown for RFO-17 starting April 21, 2012 and continuing into June 2012.

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

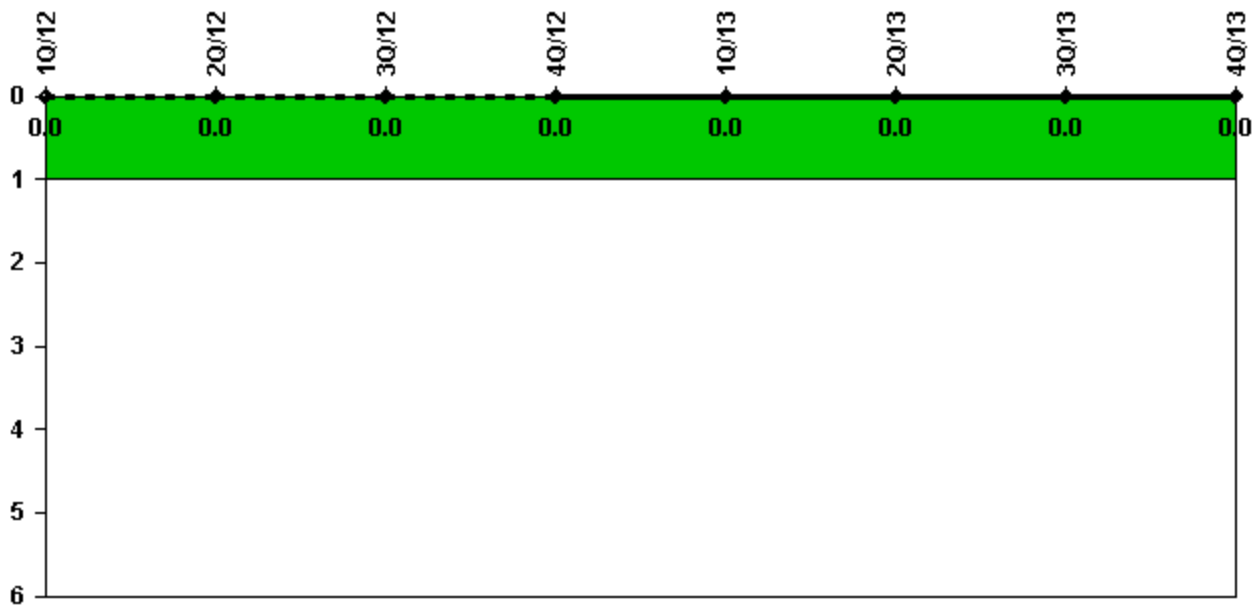
Notes

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	1.0	1.0	0	0
Critical hours	2183.0	1072.9	2208.0	2209.0	2159.0	1656.8	2208.0	1454.1
Indicator value	0	0	0.9	0.9	1.8	2.6	1.7	1.9

Licensee Comments:

2Q/12: There was a planned unit shutdown for RFO-17 starting April 21, 2012 and continuing into June 2012.

Unplanned Scrams with Complications



Thresholds: White > 1.0

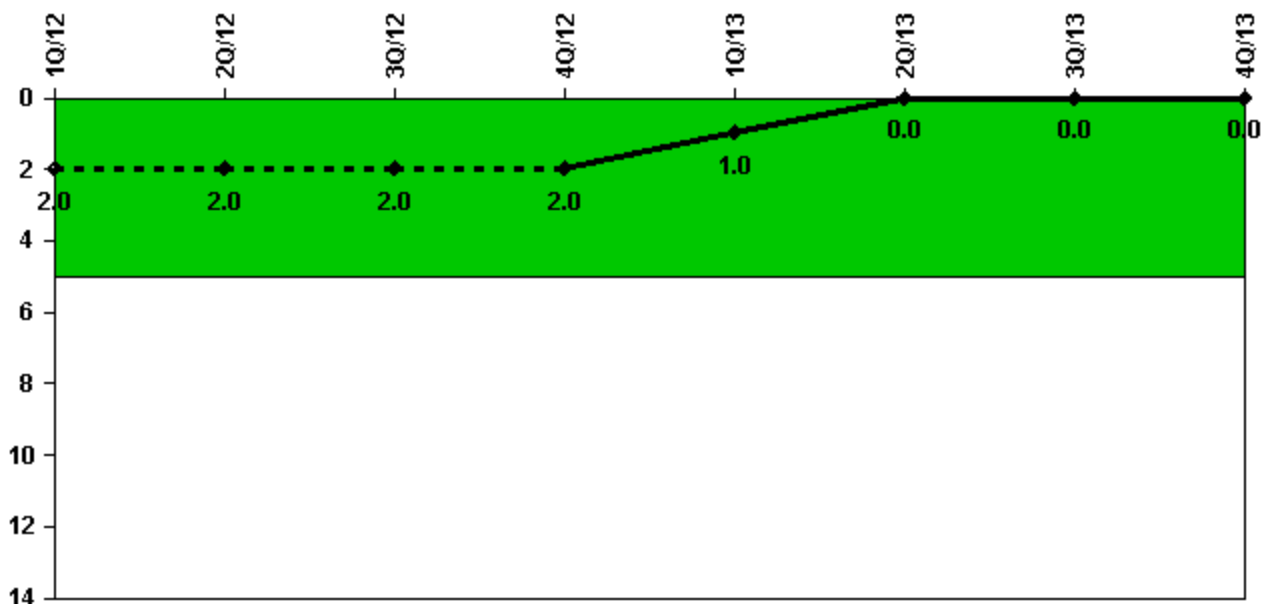
Notes

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	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments:

2Q/12: There was a planned unit shutdown for RFO-17 starting April 21, 2012 and continuing into June 2012.

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

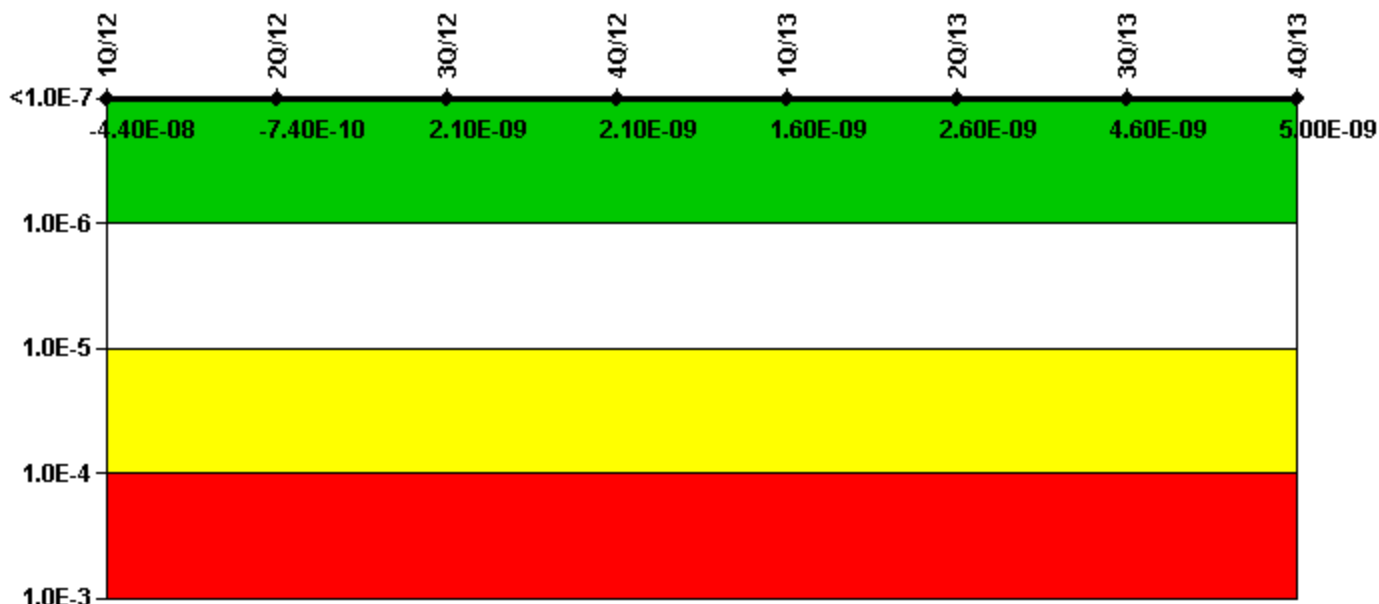
Safety System Functional Failures (PWR)	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Safety System Functional Failures	1	1	0	0	0	0	0	0
Indicator value	2	2	2	2	1	0	0	0

Licensee Comments:

2Q/12: One LER (2012-001-00) was submitted for the month of June 2012, which describes a condition where unexpected long-term corrosion of valve piston rings caused delayed closing of Main Steam Isolation Valves.

1Q/12: One LER (2011-002-00) was submitted which describes an event in which the 1B-SB Emergency Diesel Generator was found to be inoperable because the engine may not have run for the entire seven day mission time due to drift of the speed setting.

Mitigating Systems Performance Index, Emergency AC Power System



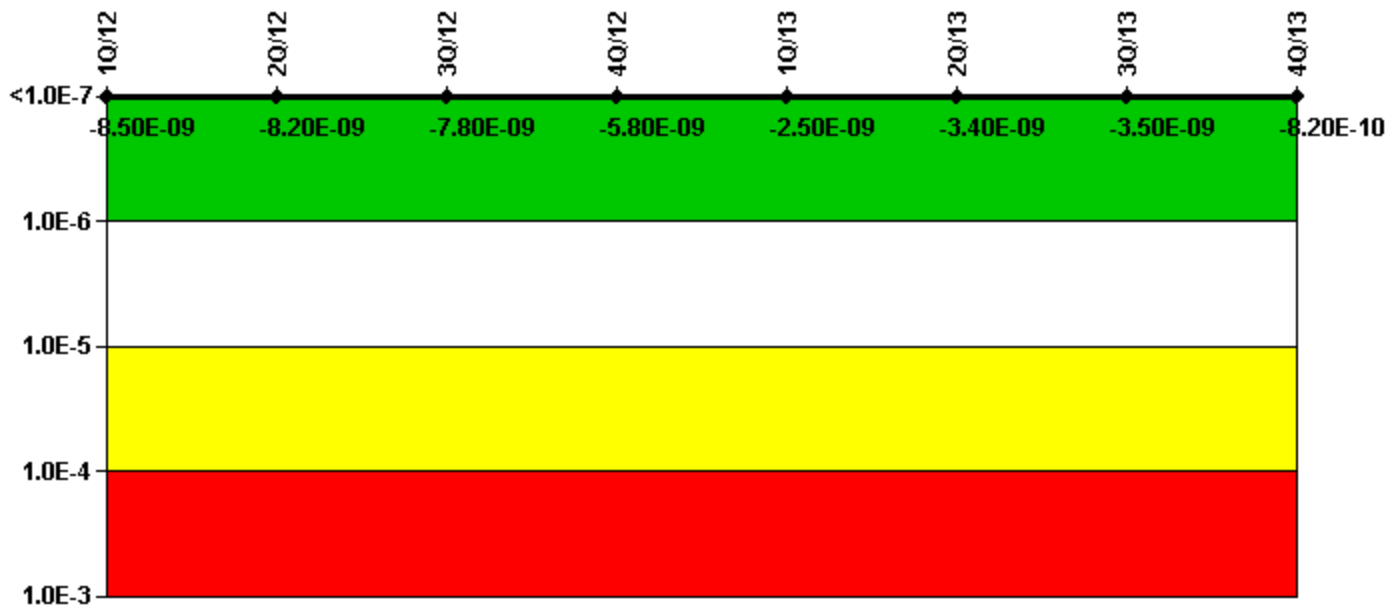
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	9.54E-09	1.02E-08	1.27E-08	1.23E-08	1.14E-08	1.21E-08	1.37E-08	1.37E-08
URI (Δ CDF)	-5.33E-08	-1.09E-08	-1.06E-08	-1.02E-08	-9.84E-09	-9.46E-09	-9.08E-09	-8.68E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.40E-08	-7.40E-10	2.10E-09	2.10E-09	1.60E-09	2.60E-09	4.60E-09	5.00E-09

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



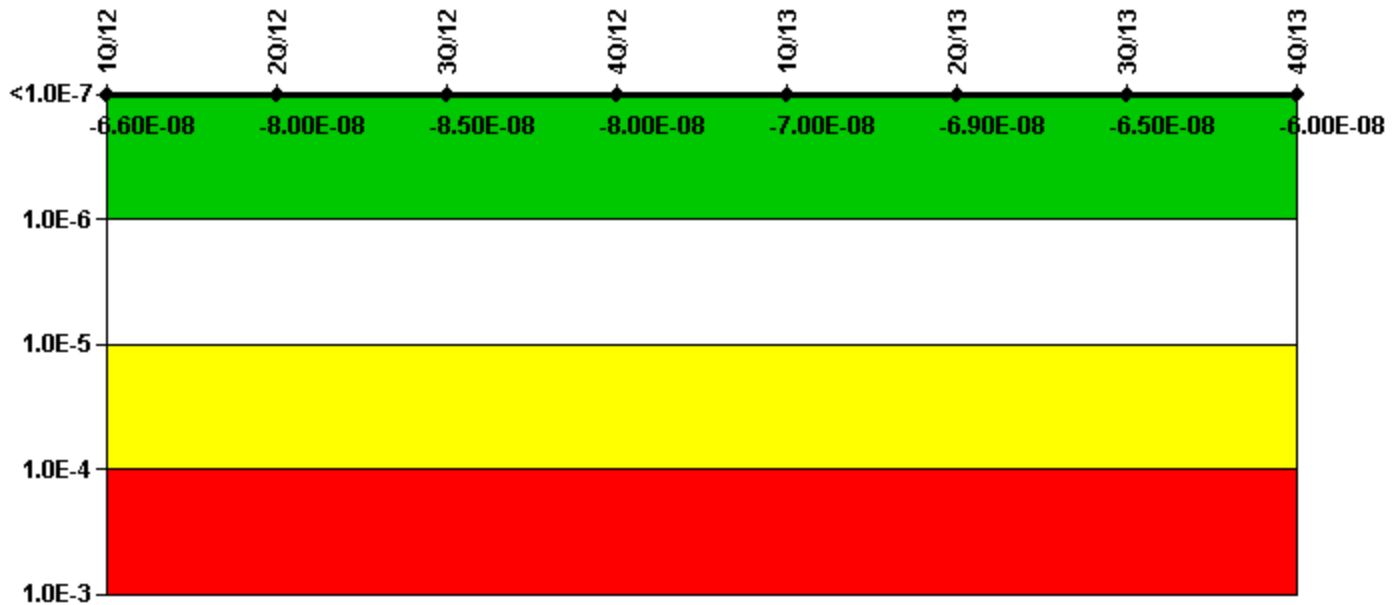
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
UAI (Δ CDF)	1.75E-09	2.00E-09	2.28E-09	4.18E-09	7.32E-09	6.40E-09	6.14E-09	8.73E-09
URI (Δ CDF)	-1.03E-08	-1.02E-08	-1.01E-08	-9.96E-09	-9.86E-09	-9.76E-09	-9.65E-09	-9.55E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-8.50E-09	-8.20E-09	-7.80E-09	-5.80E-09	-2.50E-09	-3.40E-09	-3.50E-09	-8.20E-10

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



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

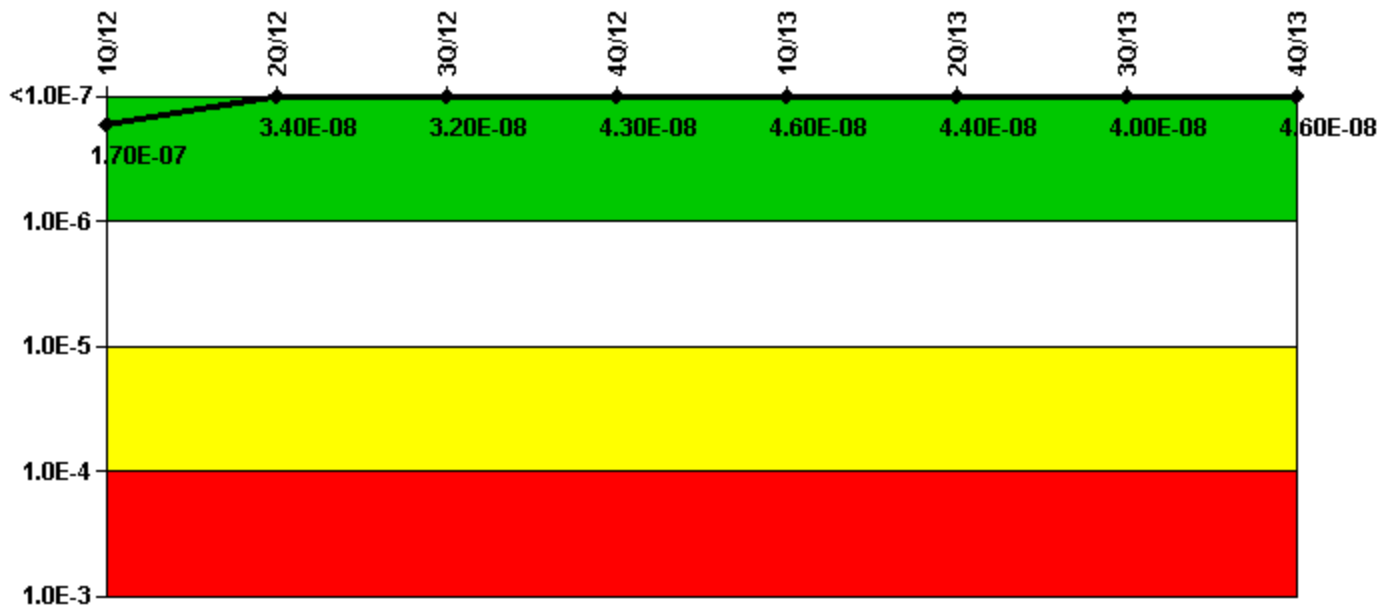
Notes

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)	8.30E-09	-6.82E-09	-1.15E-08	-7.34E-09	3.36E-10	1.40E-09	4.23E-09	8.44E-09
URI (Δ CDF)	-7.38E-08	-7.36E-08	-7.33E-08	-7.28E-08	-7.07E-08	-7.00E-08	-6.91E-08	-6.80E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.60E-08	-8.00E-08	-8.50E-08	-8.00E-08	-7.00E-08	-6.90E-08	-6.50E-08	-6.00E-08

Licensee Comments:

1Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System



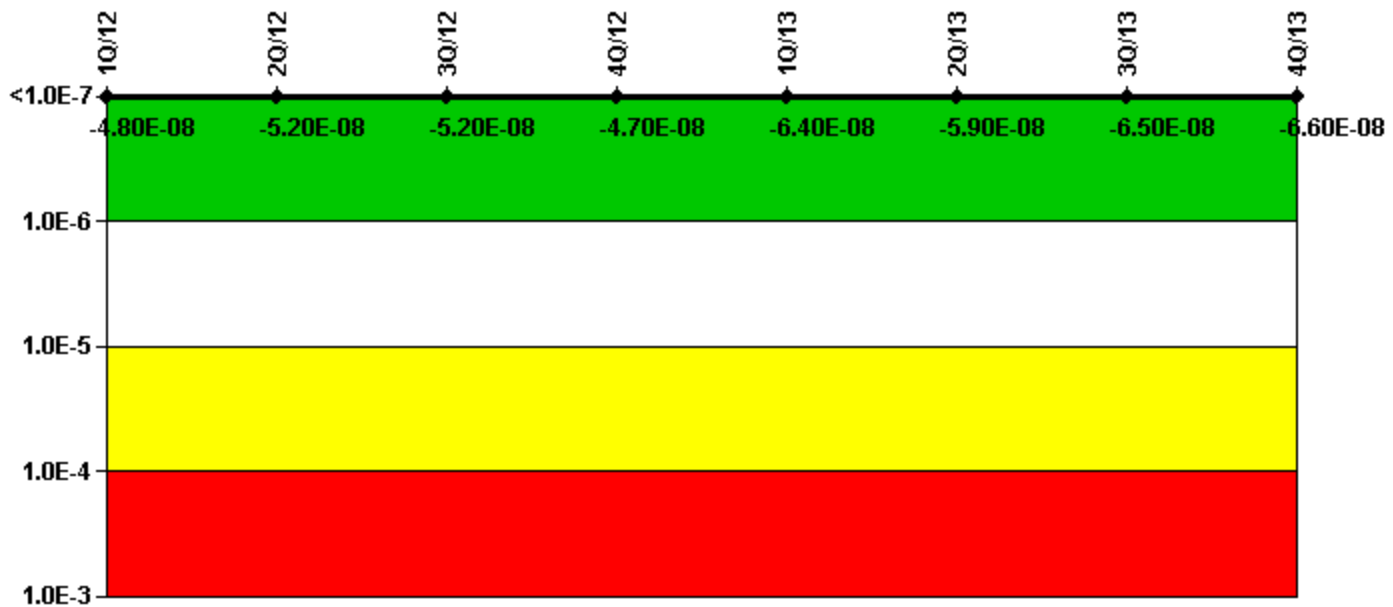
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
UAI (Δ CDF)	7.93E-09	1.04E-08	7.45E-09	1.81E-08	2.03E-08	1.81E-08	1.30E-08	1.83E-08
URI (Δ CDF)	1.65E-07	2.37E-08	2.43E-08	2.49E-08	2.55E-08	2.62E-08	2.68E-08	2.75E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.70E-07	3.40E-08	3.20E-08	4.30E-08	4.60E-08	4.40E-08	4.00E-08	4.60E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



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

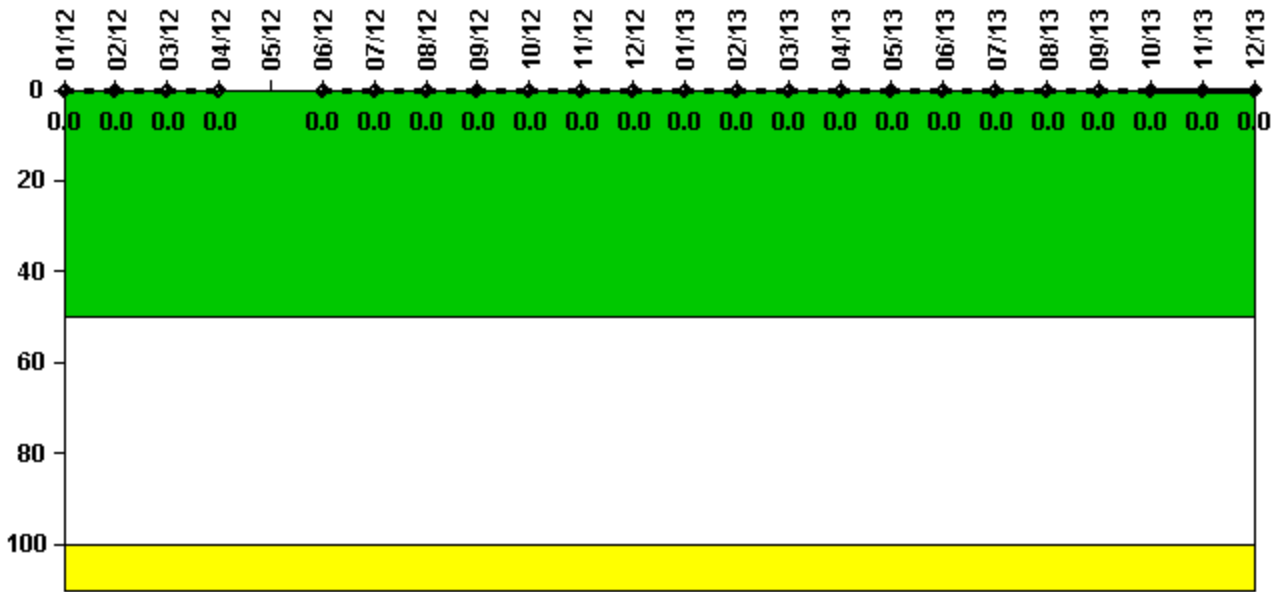
Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
UAI (Δ CDF)	5.82E-08	5.43E-08	5.38E-08	5.84E-08	4.04E-08	4.60E-08	3.88E-08	3.73E-08
URI (Δ CDF)	-1.06E-07	-1.06E-07	-1.06E-07	-1.05E-07	-1.05E-07	-1.04E-07	-1.04E-07	-1.04E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.80E-08	-5.20E-08	-5.20E-08	-4.70E-08	-6.40E-08	-5.90E-08	-6.50E-08	-6.60E-08

Licensee Comments:

1Q/12: Changed PRA Parameter(s).

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

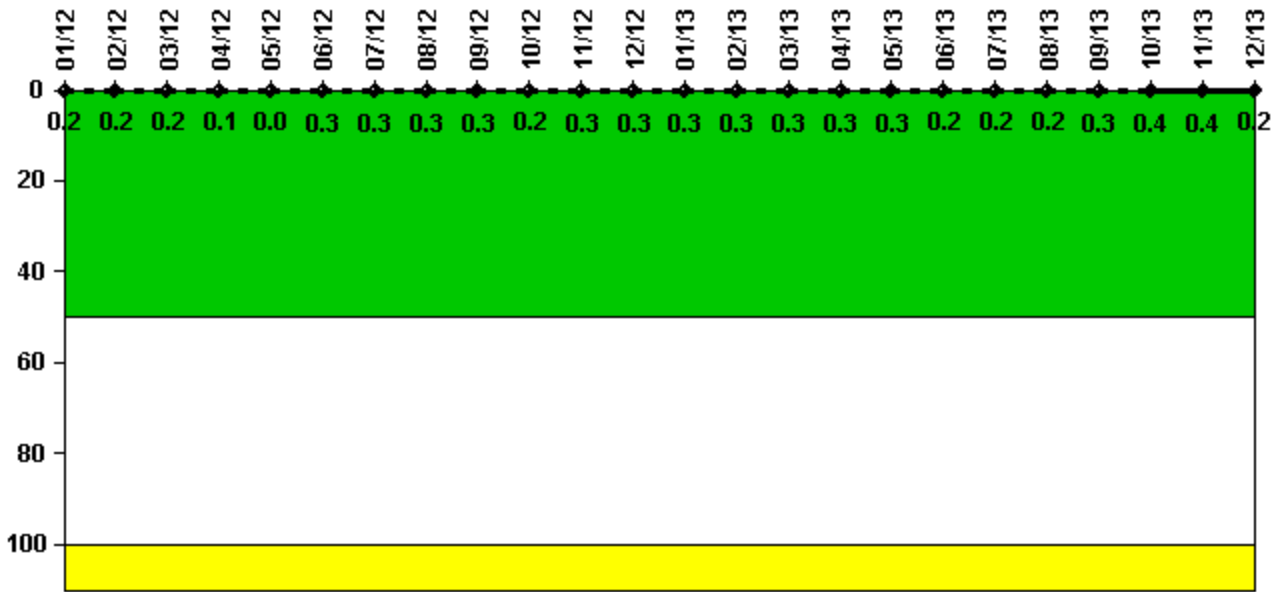
Notes

Reactor Coolant System Activity	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	12/12
Maximum activity	0.000202	0.000147	0.000158	0.000253	N/A	0.000049	0.000060	0.000347	0.000074	0.000122	0.000087	0.000146
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	N/A	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	0.000156	0.000186	0.000130	0.000111	0.000111	0.000118	0.000122	0.000125	0.000143	0.000136	0.000136	0.000085
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



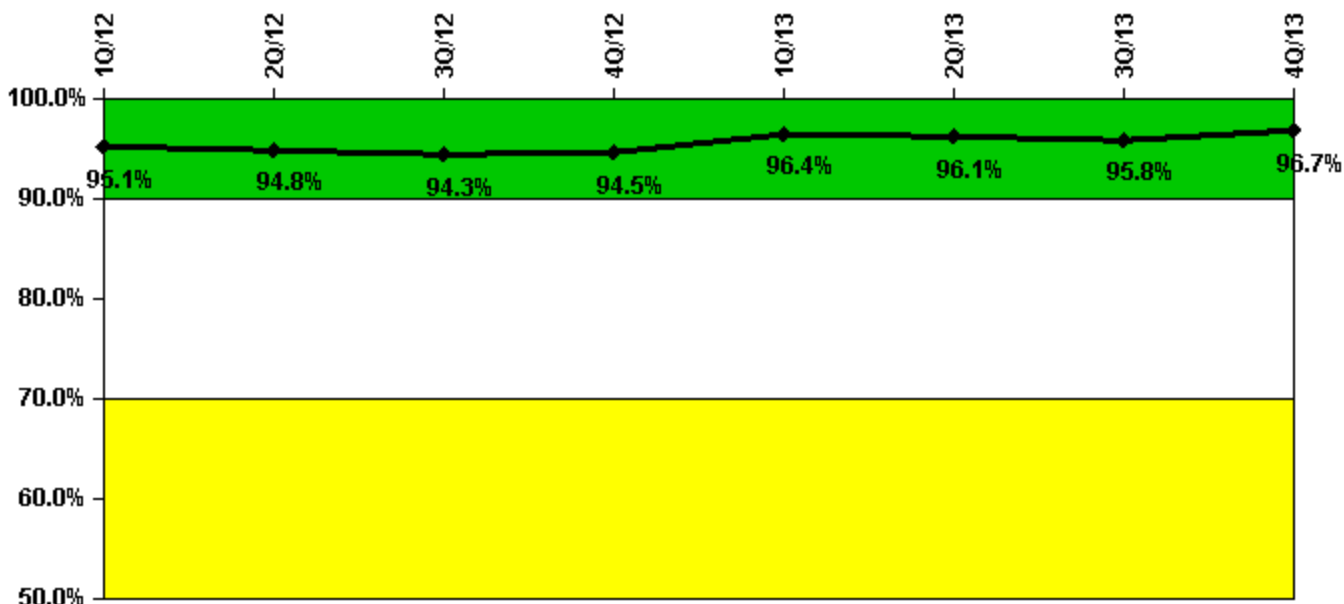
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	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	0.017	0.016	0.016	0.014	0	0.026	0.026	0.025	0.027	0.024	0.026	0.026
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.2	0.2	0.1	0	0.3	0.3	0.3	0.3	0.2	0.3	0.3
Reactor Coolant System Leakage	1/13	2/13	3/13	4/13	5/13	6/13	7/13	8/13	9/13	10/13	11/13	12/13
Maximum leakage	0.028	0.027	0.027	0.028	0.025	0.023	0.022	0.024	0.029	0.037	0.035	0.024
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.3	0.4	0.4	0.2

Licensee Comments: none

Drill/Exercise Performance



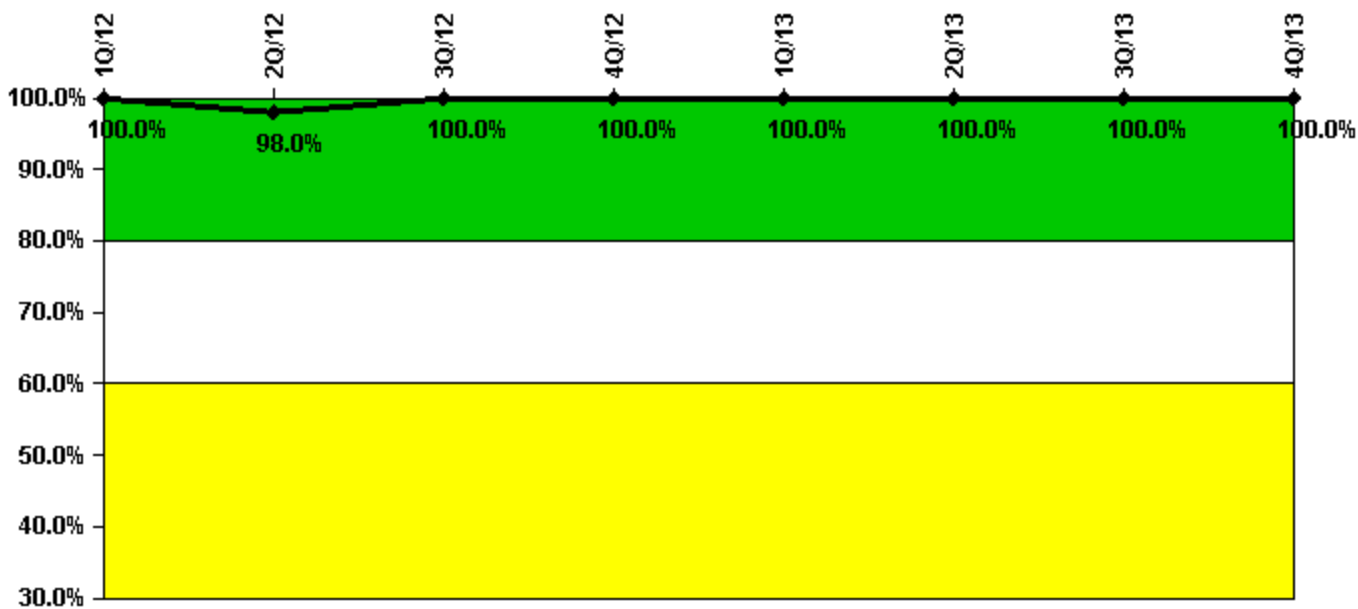
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Successful opportunities	25.0	2.0	43.0	15.0	45.0	9.0	13.0	22.0
Total opportunities	25.0	2.0	46.0	15.0	46.0	10.0	14.0	22.0
Indicator value	95.1%	94.8%	94.3%	94.5%	96.4%	96.1%	95.8%	96.7%

Licensee Comments: none

ERO Drill Participation



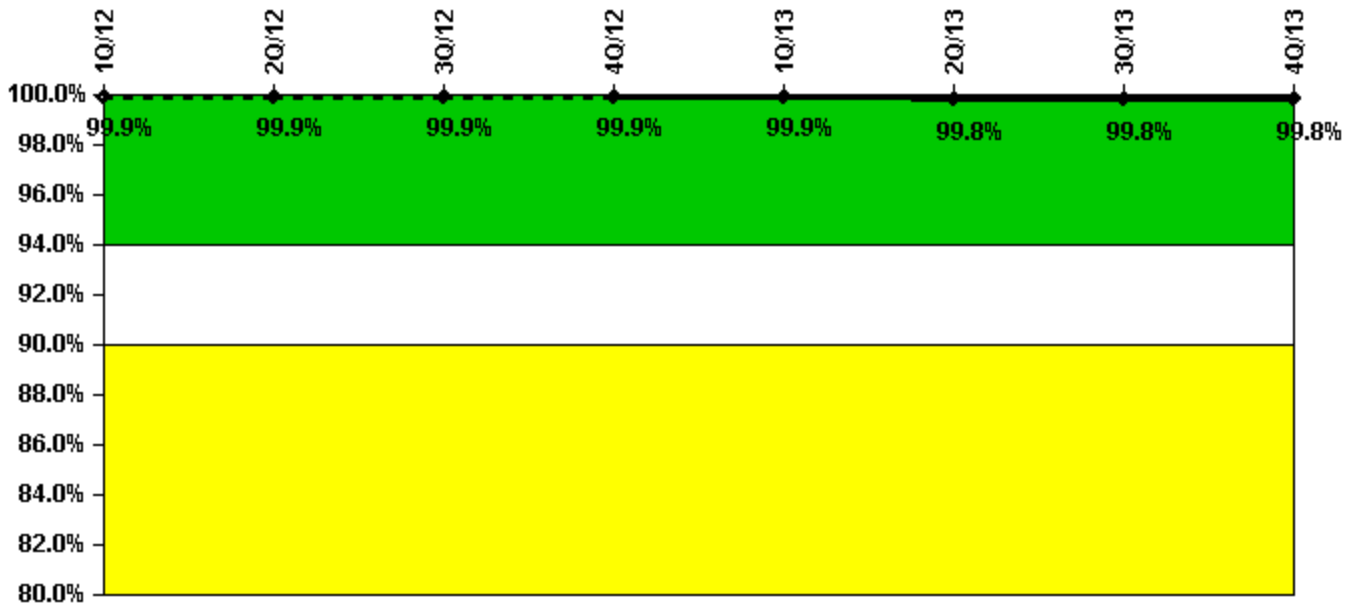
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Participating Key personnel	54.0	50.0	50.0	51.0	50.0	50.0	49.0	54.0
Total Key personnel	54.0	51.0	50.0	51.0	50.0	50.0	49.0	54.0
Indicator value	100.0%	98.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



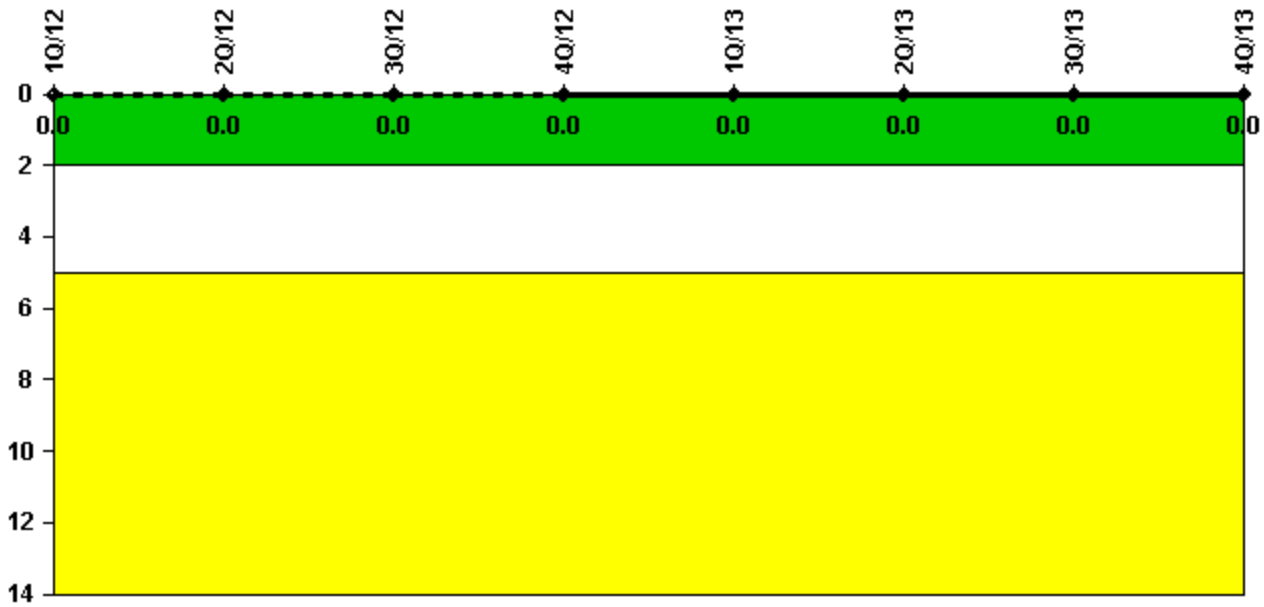
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Successful siren-tests	664	581	746	580	664	579	746	663
Total sirens-tests	664	581	747	581	664	581	747	664
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



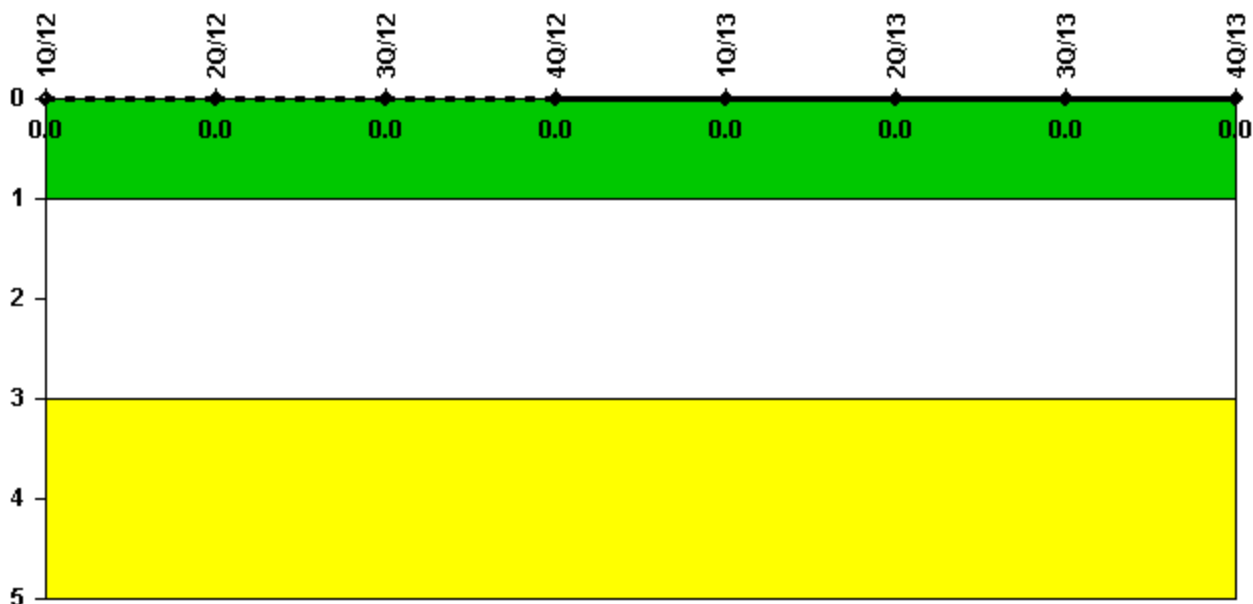
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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	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/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	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: January 22, 2014

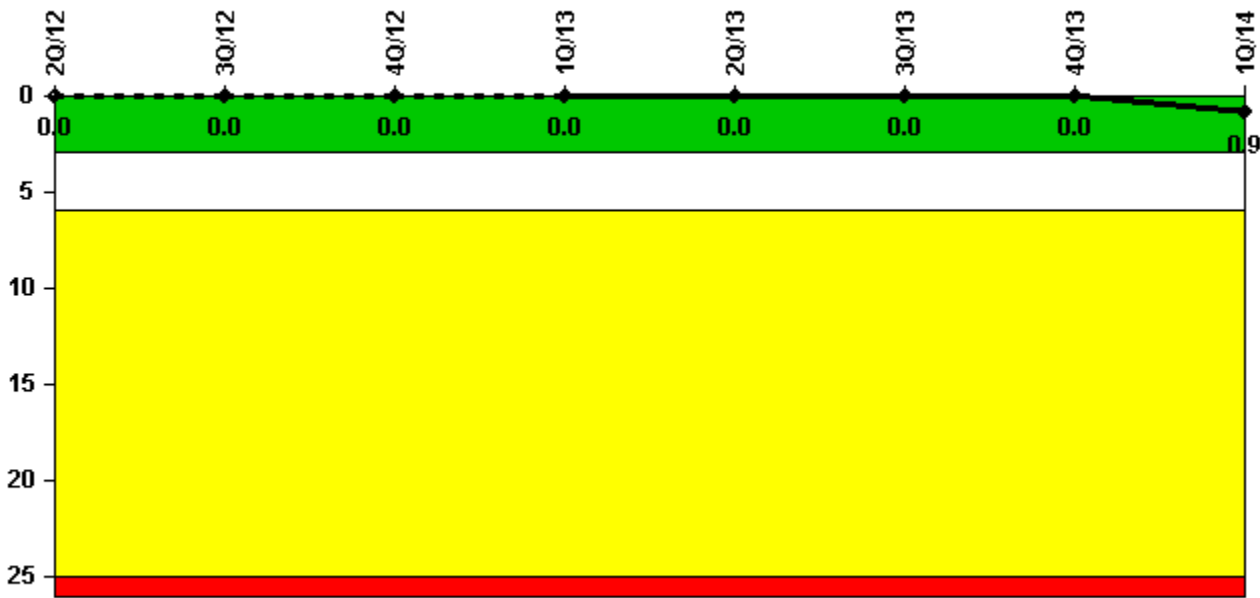
Harris 1

1Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: Corrected data has been submitted for Drill Exercise & Event Opportunities for the month of October 2012. No color shift.

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

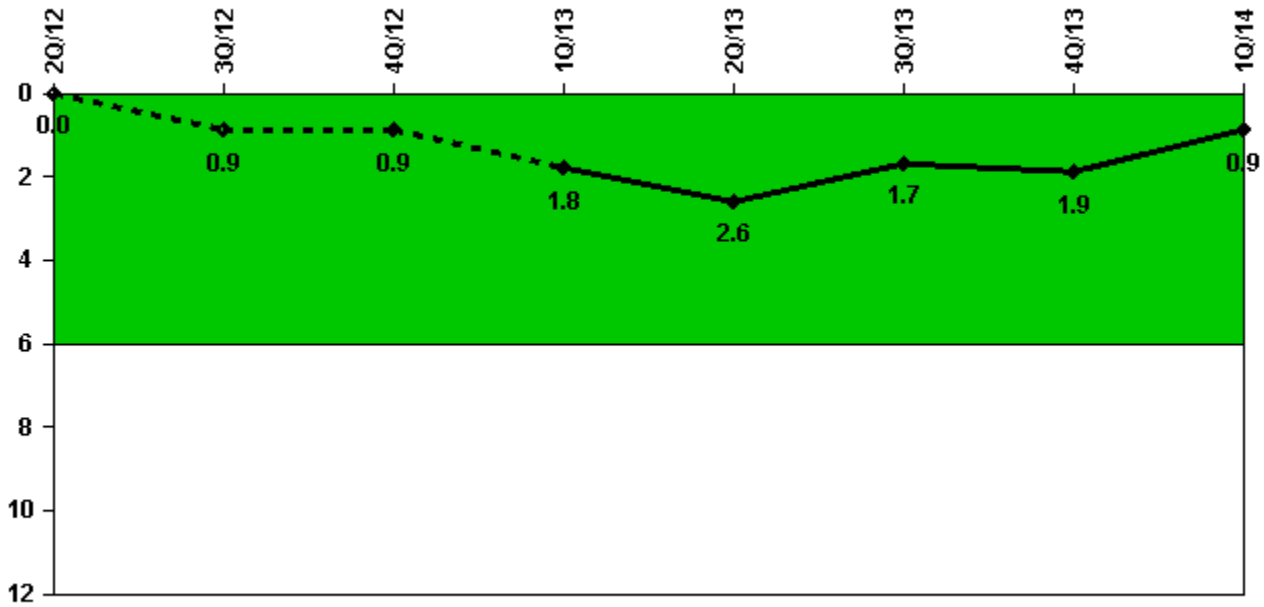
Notes

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	1.0
Critical hours	1072.9	2208.0	2209.0	2159.0	1656.8	2208.0	1454.1	2072.6
Indicator value	0	0	0	0	0	0	0	0.9

Licensee Comments:

2Q/12: There was a planned unit shutdown for RFO-17 starting April 21, 2012 and continuing into June 2012.

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

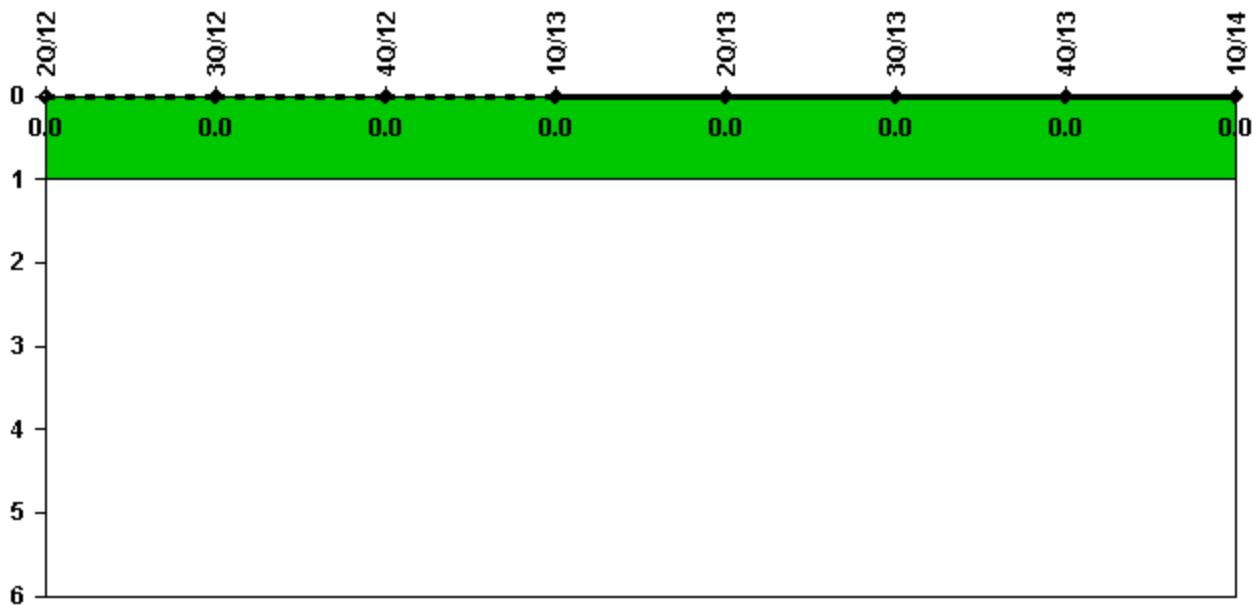
Notes

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	1.0	1.0	0	0	0
Critical hours	1072.9	2208.0	2209.0	2159.0	1656.8	2208.0	1454.1	2072.6
Indicator value	0	0.9	0.9	1.8	2.6	1.7	1.9	0.9

Licensee Comments:

2Q/12: There was a planned unit shutdown for RFO-17 starting April 21, 2012 and continuing into June 2012.

Unplanned Scrams with Complications



Thresholds: White > 1.0

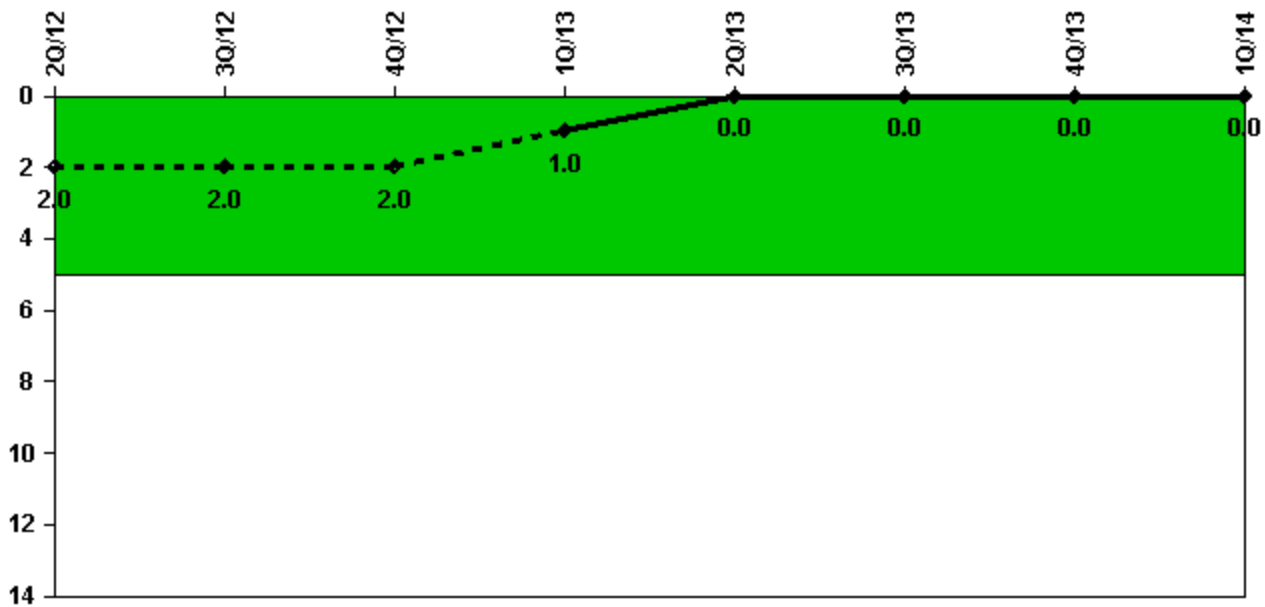
Notes

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	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments:

2Q/12: There was a planned unit shutdown for RFO-17 starting April 21, 2012 and continuing into June 2012.

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

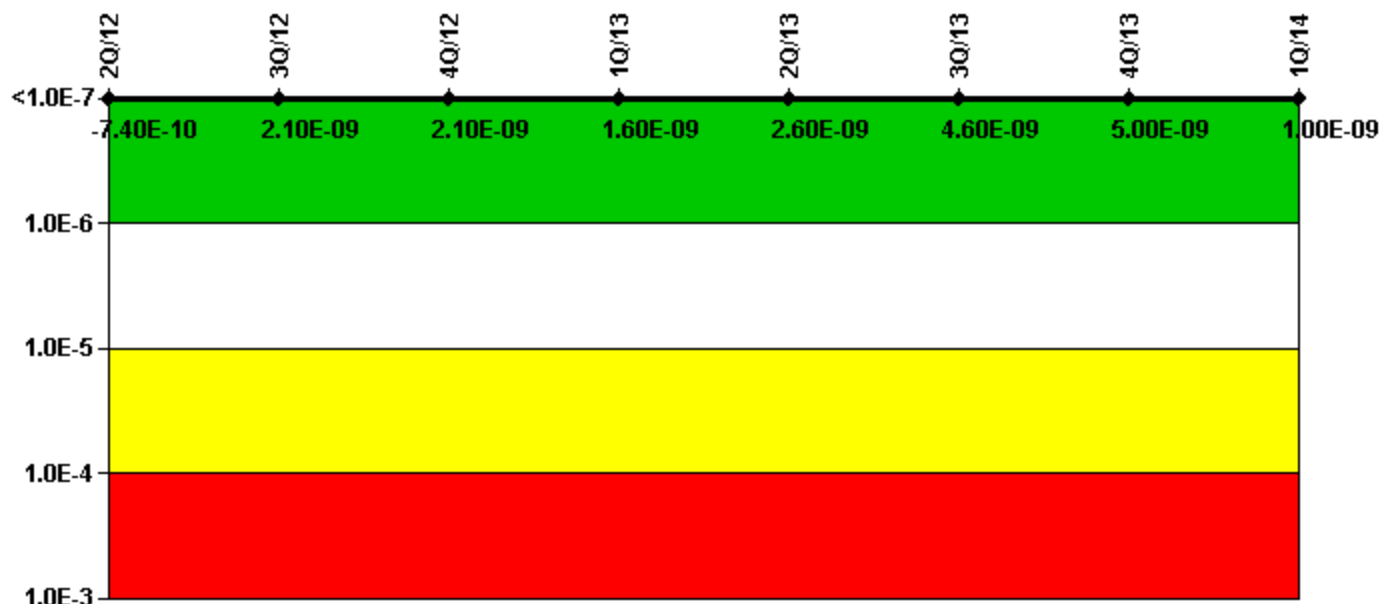
Notes

Safety System Functional Failures (PWR)	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Safety System Functional Failures	1	0	0	0	0	0	0	0
Indicator value	2	2	2	1	0	0	0	0

Licensee Comments:

2Q/12: One LER (2012-001-00) was submitted for the month of June 2012, which describes a condition where unexpected long-term corrosion of valve piston rings caused delayed closing of Main Steam Isolation Valves.

Mitigating Systems Performance Index, Emergency AC Power System



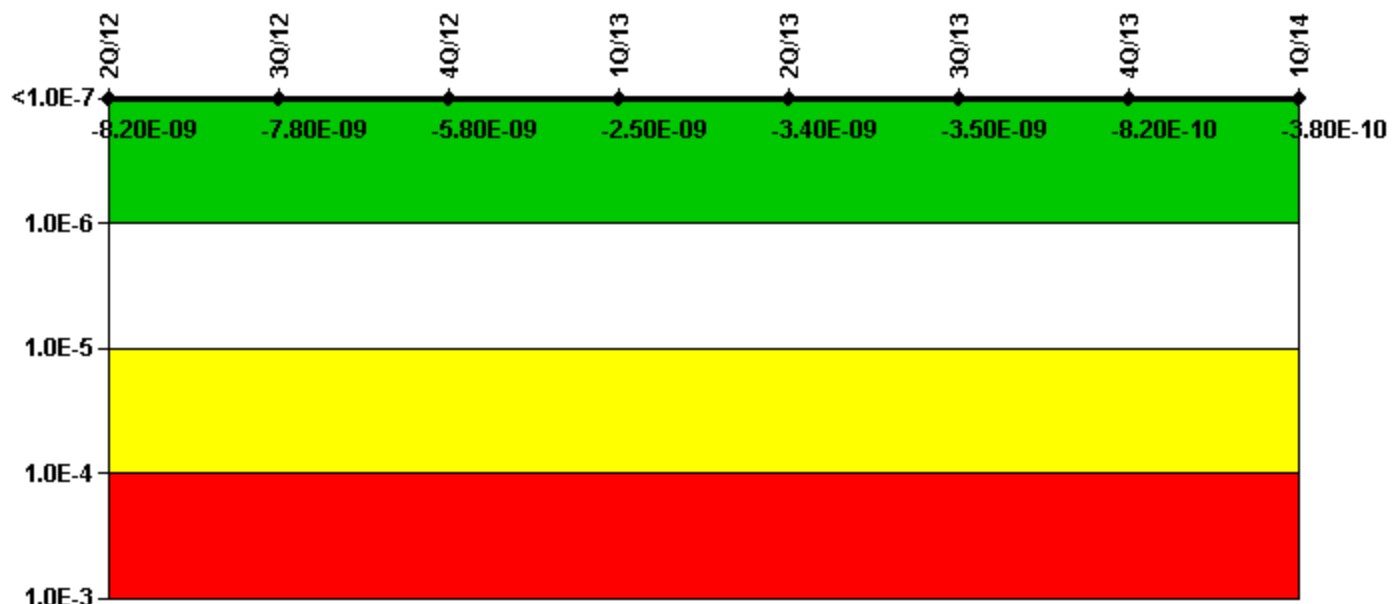
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	1.02E-08	1.27E-08	1.23E-08	1.14E-08	1.21E-08	1.37E-08	1.37E-08	1.08E-08
URI (Δ CDF)	-1.09E-08	-1.06E-08	-1.02E-08	-9.84E-09	-9.46E-09	-9.08E-09	-8.68E-09	-9.73E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-7.40E-10	2.10E-09	2.10E-09	1.60E-09	2.60E-09	4.60E-09	5.00E-09	1.00E-09

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



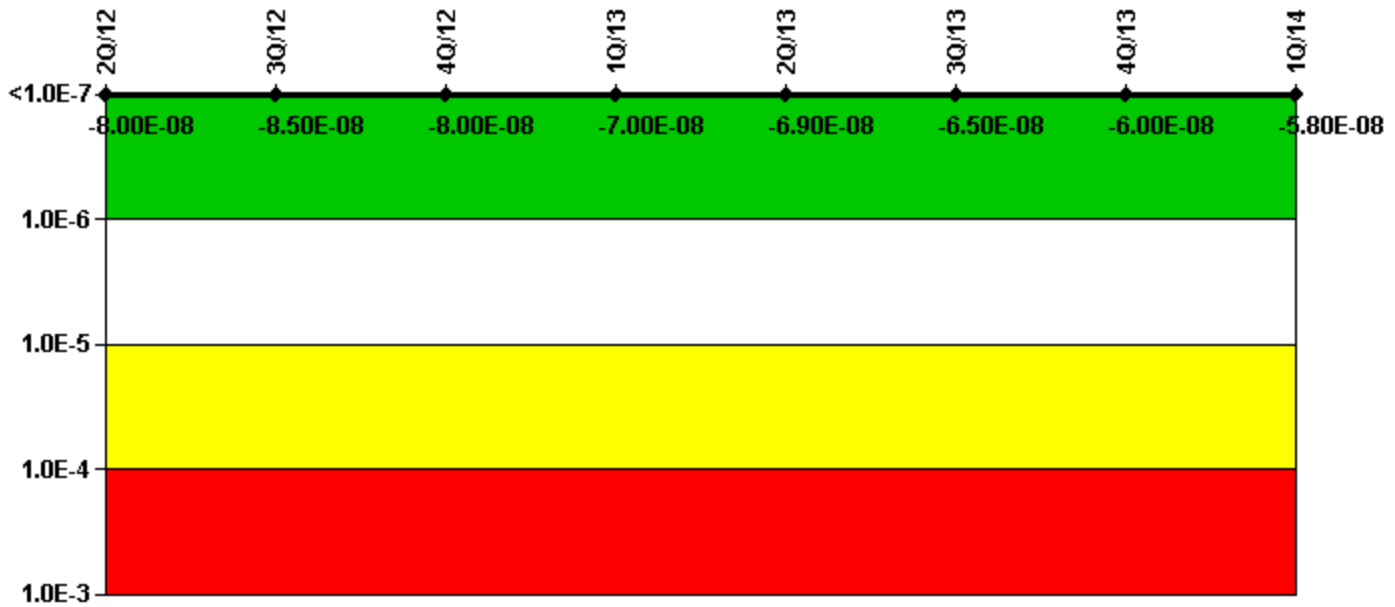
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
UAI (Δ CDF)	2.00E-09	2.28E-09	4.18E-09	7.32E-09	6.40E-09	6.14E-09	8.73E-09	9.06E-09
URI (Δ CDF)	-1.02E-08	-1.01E-08	-9.96E-09	-9.86E-09	-9.76E-09	-9.65E-09	-9.55E-09	-9.44E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-8.20E-09	-7.80E-09	-5.80E-09	-2.50E-09	-3.40E-09	-3.50E-09	-8.20E-10	-3.80E-10

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



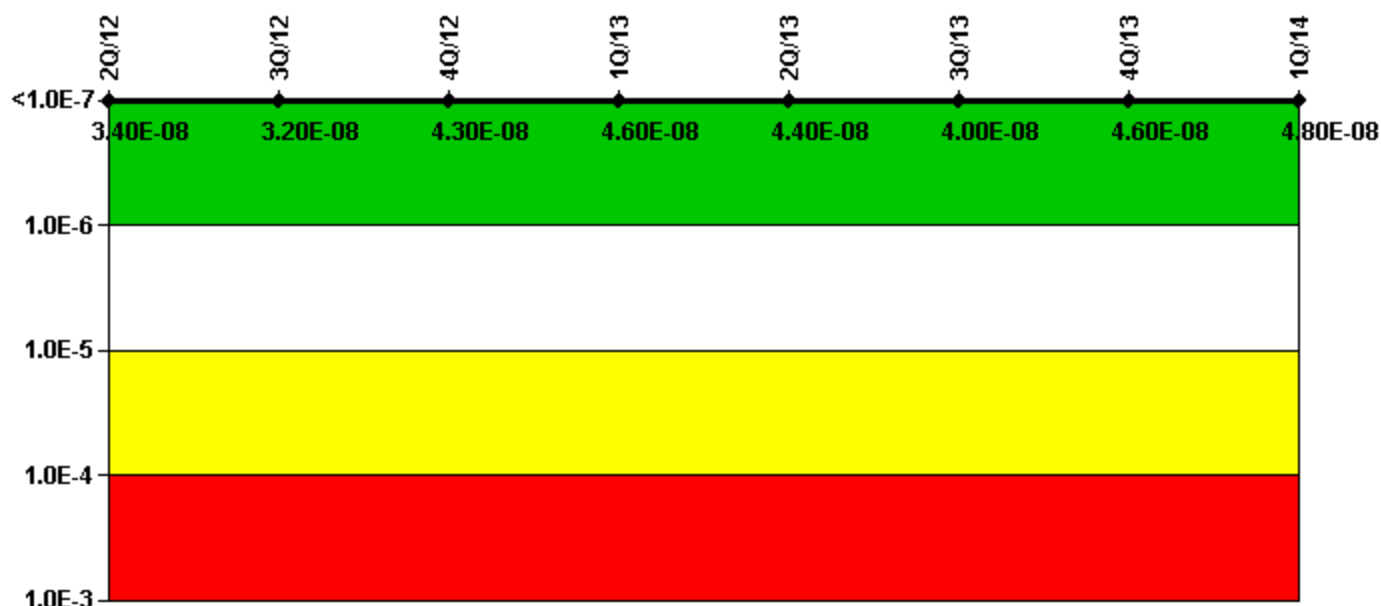
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
UAI (Δ CDF)	-6.82E-09	-1.15E-08	-7.34E-09	3.36E-10	1.40E-09	4.23E-09	8.44E-09	9.14E-09
URI (Δ CDF)	-7.36E-08	-7.33E-08	-7.28E-08	-7.07E-08	-7.00E-08	-6.91E-08	-6.80E-08	-6.75E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-8.00E-08	-8.50E-08	-8.00E-08	-7.00E-08	-6.90E-08	-6.50E-08	-6.00E-08	-5.80E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



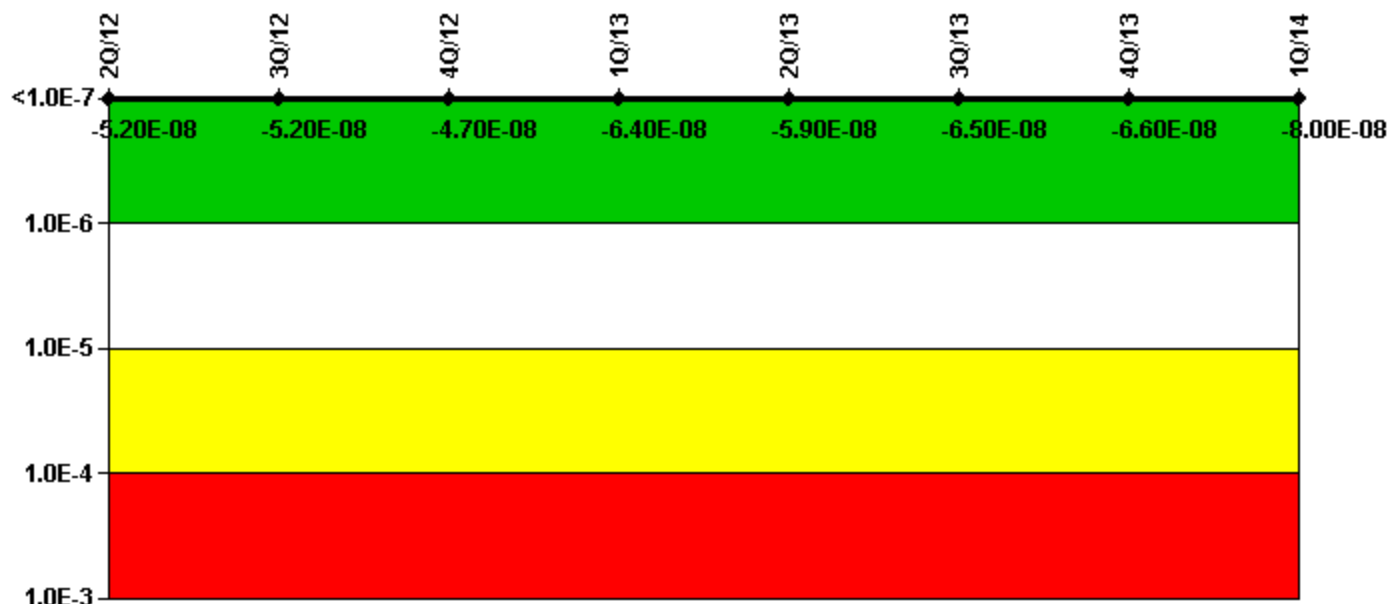
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
UAI (Δ CDF)	1.04E-08	7.45E-09	1.81E-08	2.03E-08	1.81E-08	1.30E-08	1.83E-08	1.98E-08
URI (Δ CDF)	2.37E-08	2.43E-08	2.49E-08	2.55E-08	2.62E-08	2.68E-08	2.75E-08	2.81E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.40E-08	3.20E-08	4.30E-08	4.60E-08	4.40E-08	4.00E-08	4.60E-08	4.80E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



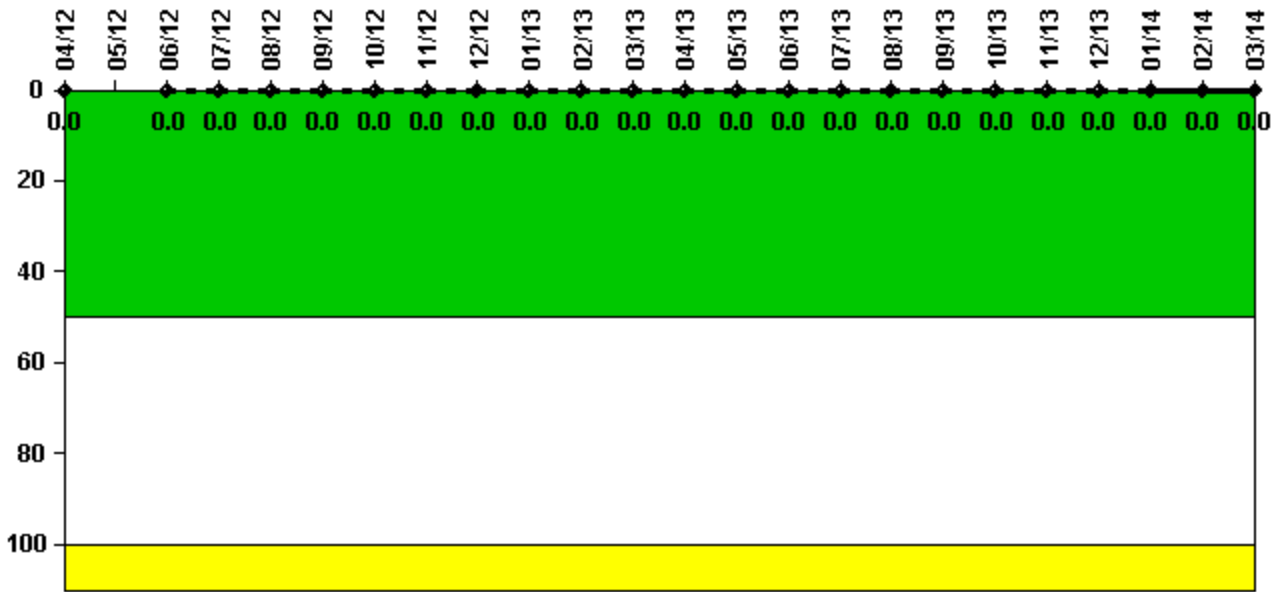
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
UAI (Δ CDF)	5.43E-08	5.38E-08	5.84E-08	4.04E-08	4.60E-08	3.88E-08	3.73E-08	2.31E-08
URI (Δ CDF)	-1.06E-07	-1.06E-07	-1.05E-07	-1.05E-07	-1.04E-07	-1.04E-07	-1.04E-07	-1.03E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.20E-08	-5.20E-08	-4.70E-08	-6.40E-08	-5.90E-08	-6.50E-08	-6.60E-08	-8.00E-08

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

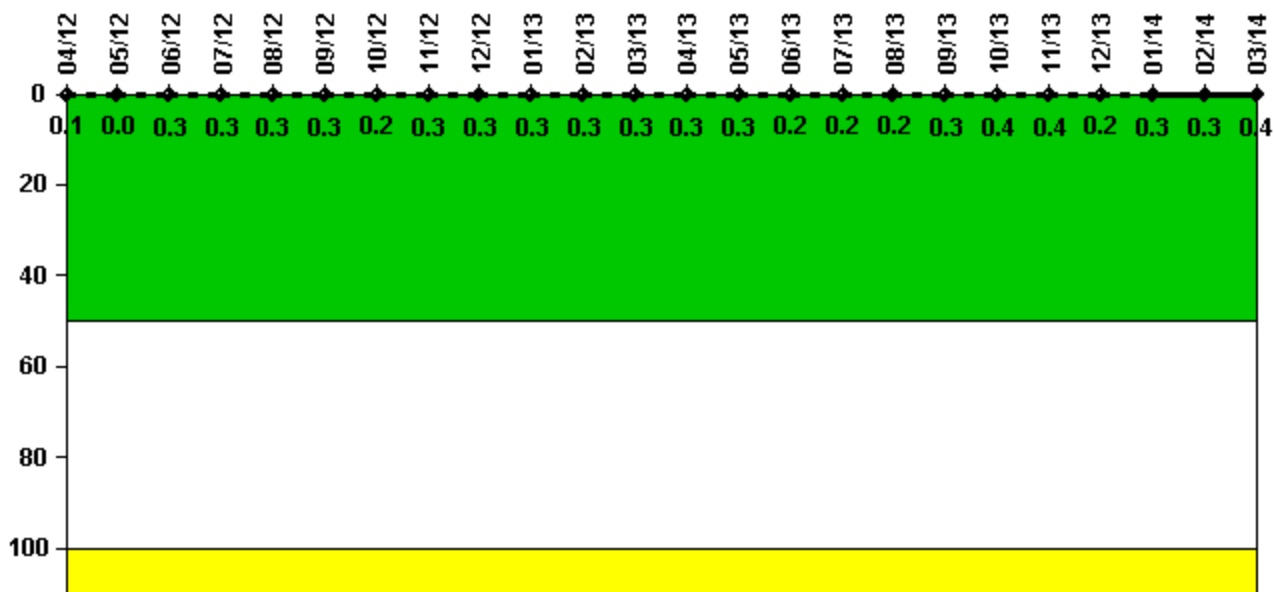
Notes

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	0.000253	N/A	0.000049	0.000060	0.000347	0.000074	0.000122	0.000087	0.000146	0.000156	0.000186	0.000130
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	N/A	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	0.000111	0.000111	0.000118	0.000122	0.000125	0.000143	0.000136	0.000136	0.000085	0.000131	0.000105	0.000113
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



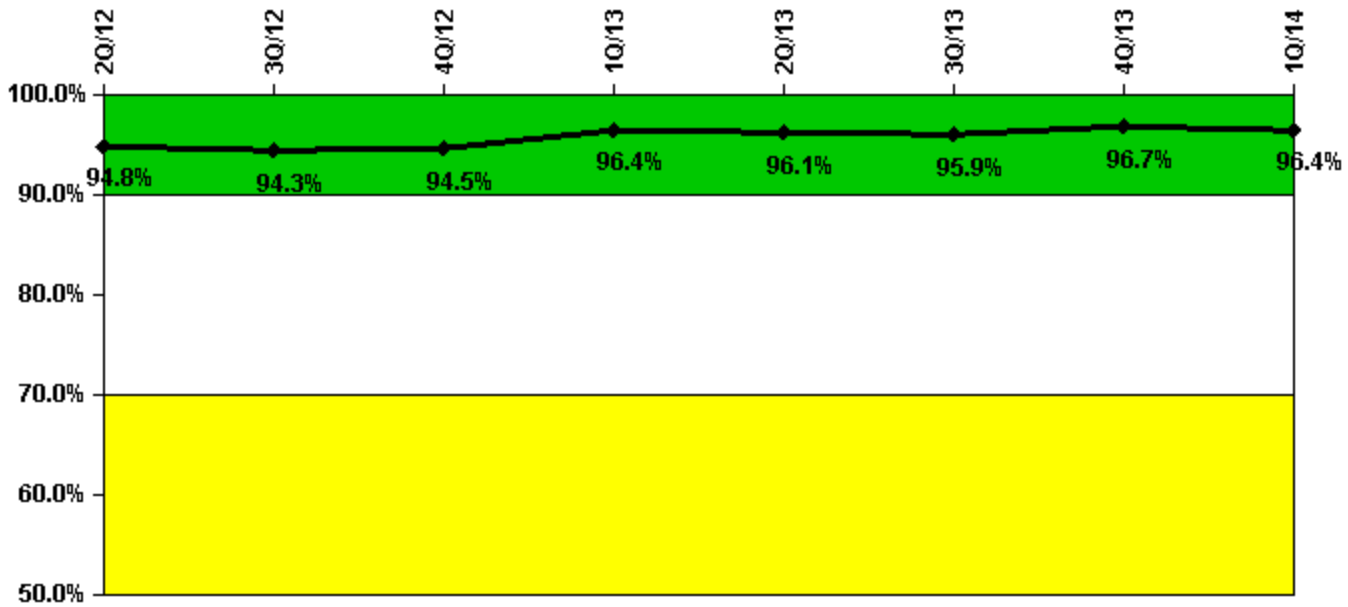
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	12/12	1/13	2/13	3/13
Maximum leakage	0.014	0	0.026	0.026	0.025	0.027	0.024	0.026	0.026	0.028	0.027	0.027
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0	0.3	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.3	0.3
Reactor Coolant System Leakage	4/13	5/13	6/13	7/13	8/13	9/13	10/13	11/13	12/13	1/14	2/14	3/14
Maximum leakage	0.028	0.025	0.023	0.022	0.024	0.029	0.037	0.035	0.024	0.027	0.028	0.037
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.3	0.2	0.2	0.2	0.3	0.4	0.4	0.2	0.3	0.3	0.4

Licensee Comments: none

Drill/Exercise Performance



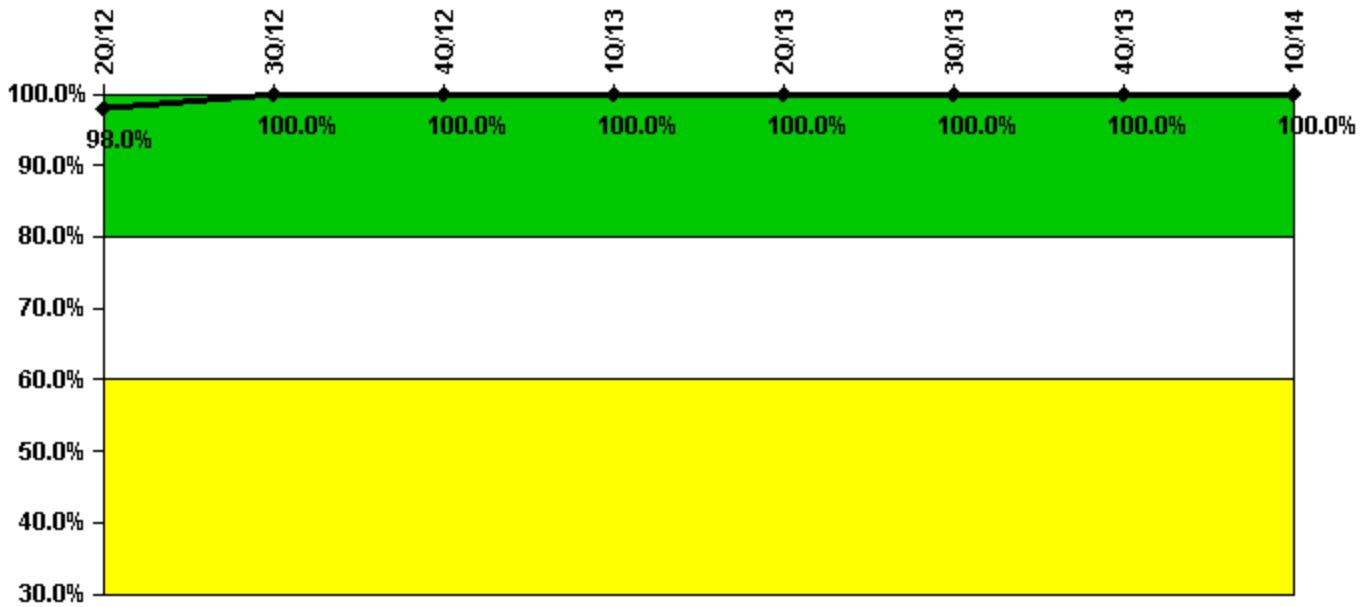
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Successful opportunities	2.0	43.0	16.0	45.0	9.0	13.0	22.0	40.0
Total opportunities	2.0	46.0	16.0	46.0	10.0	14.0	22.0	41.0
Indicator value	94.8%	94.3%	94.5%	96.4%	96.1%	95.9%	96.7%	96.4%

Licensee Comments: none

ERO Drill Participation



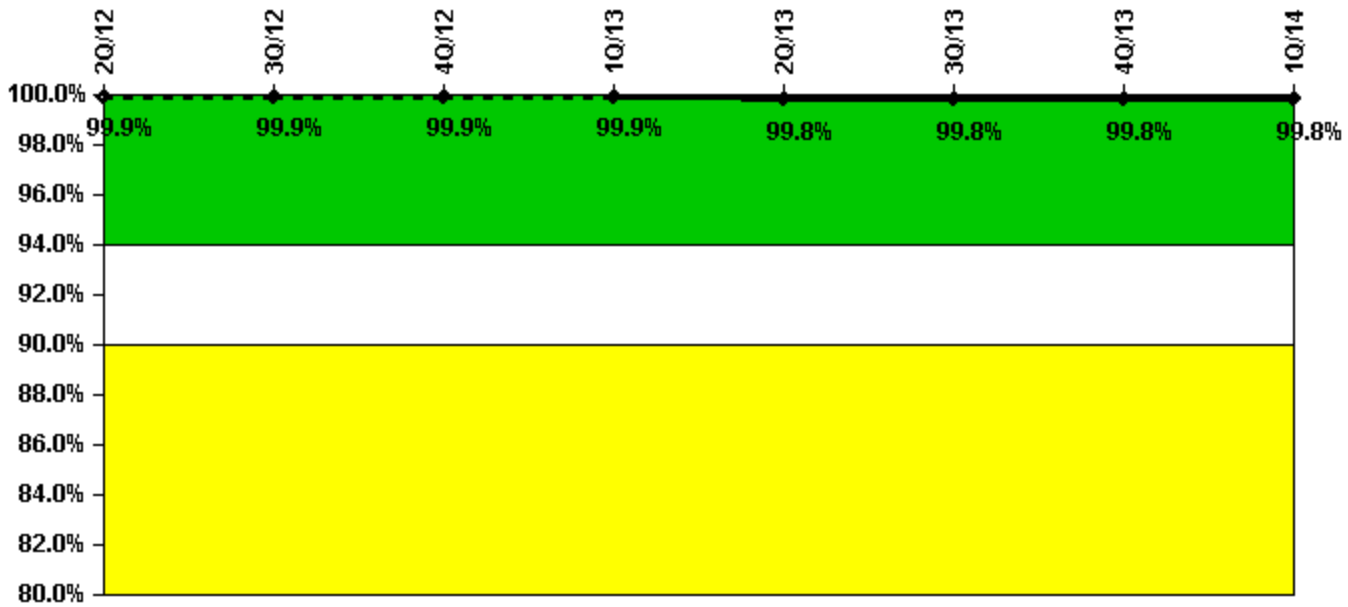
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Participating Key personnel	50.0	50.0	51.0	50.0	50.0	49.0	54.0	44.0
Total Key personnel	51.0	50.0	51.0	50.0	50.0	49.0	54.0	44.0
Indicator value	98.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



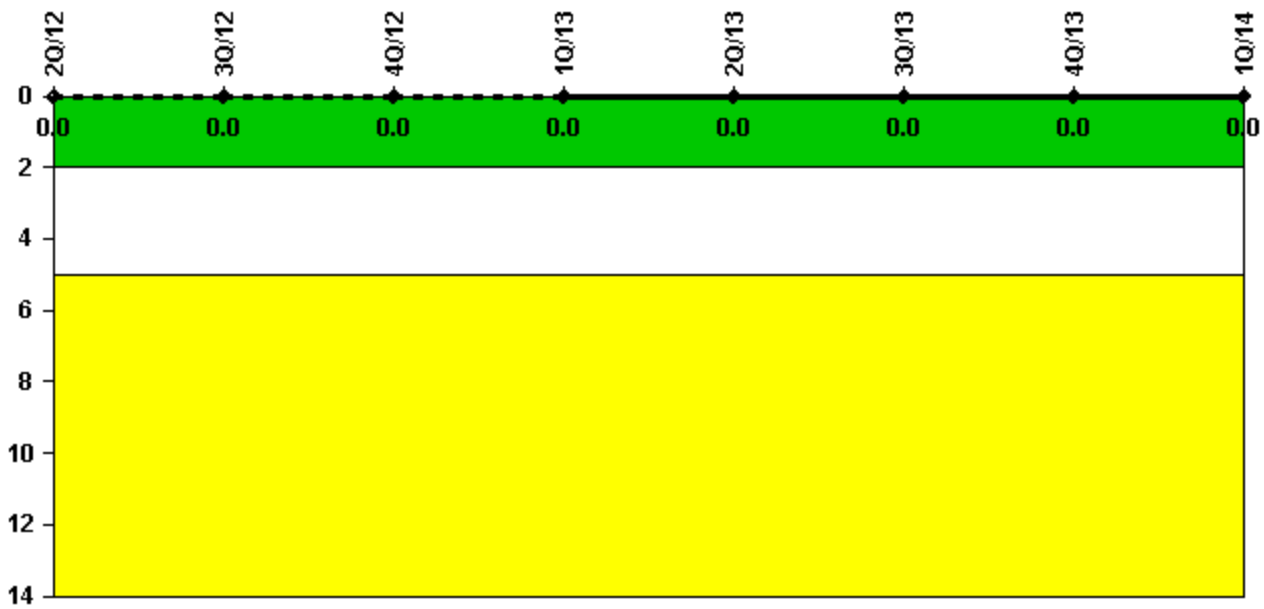
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Successful siren-tests	581	746	580	664	579	746	663	581
Total sirens-tests	581	747	581	664	581	747	664	581
Indicator value	99.9%	99.9%	99.9%	99.9%	99.8%	99.8%	99.8%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



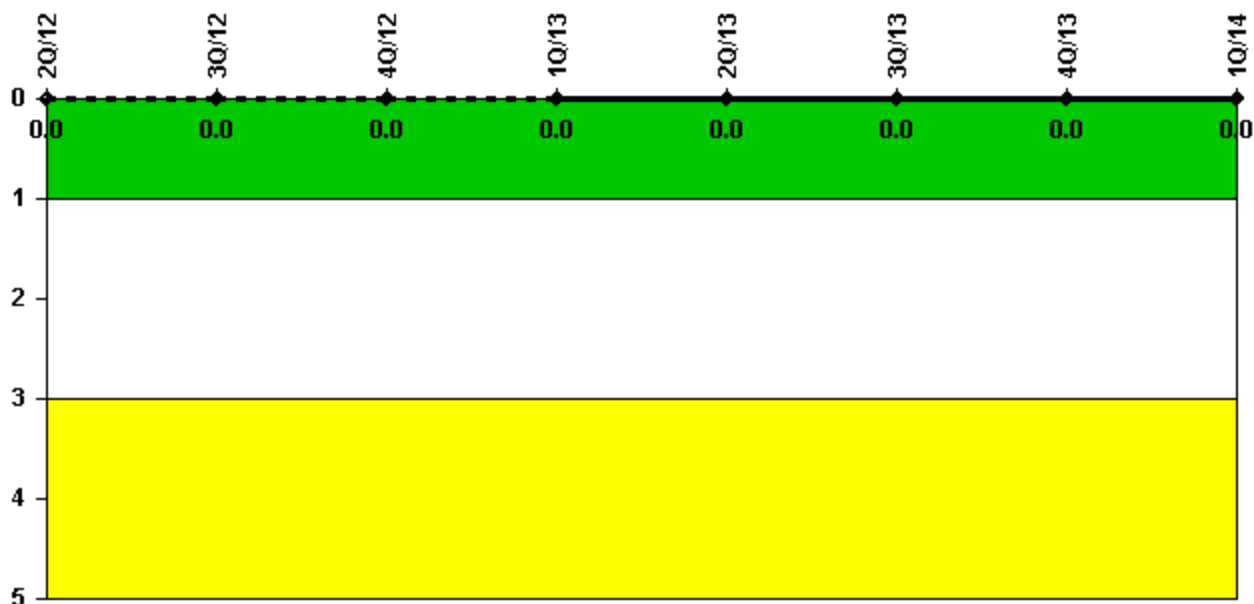
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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	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/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	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, 2014

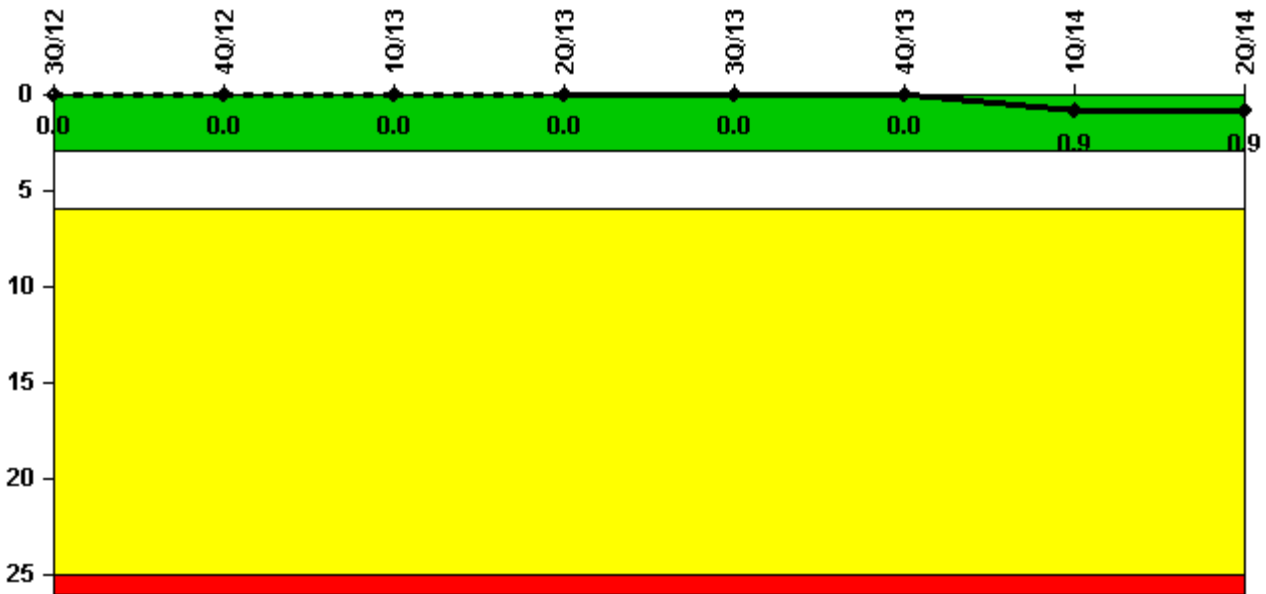
Harris 1

2Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



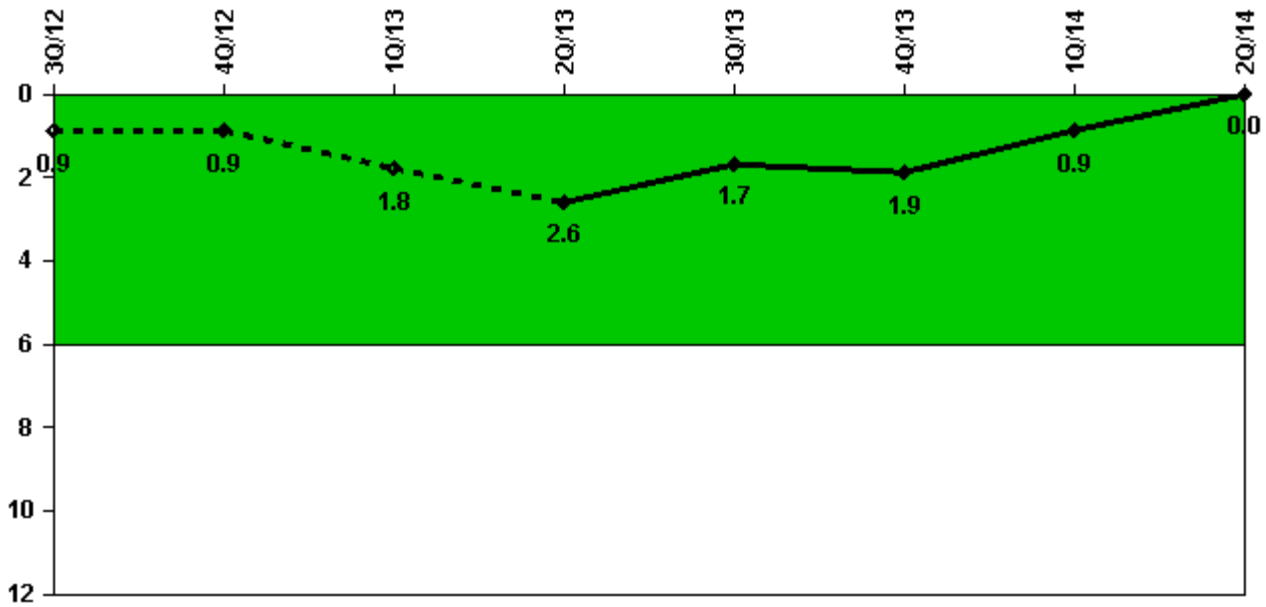
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Unplanned scrams	0	0	0	0	0	0	1.0	0
Critical hours	2208.0	2209.0	2159.0	1656.8	2208.0	1454.1	2072.6	2050.3
Indicator value	0	0	0	0	0	0	0.9	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



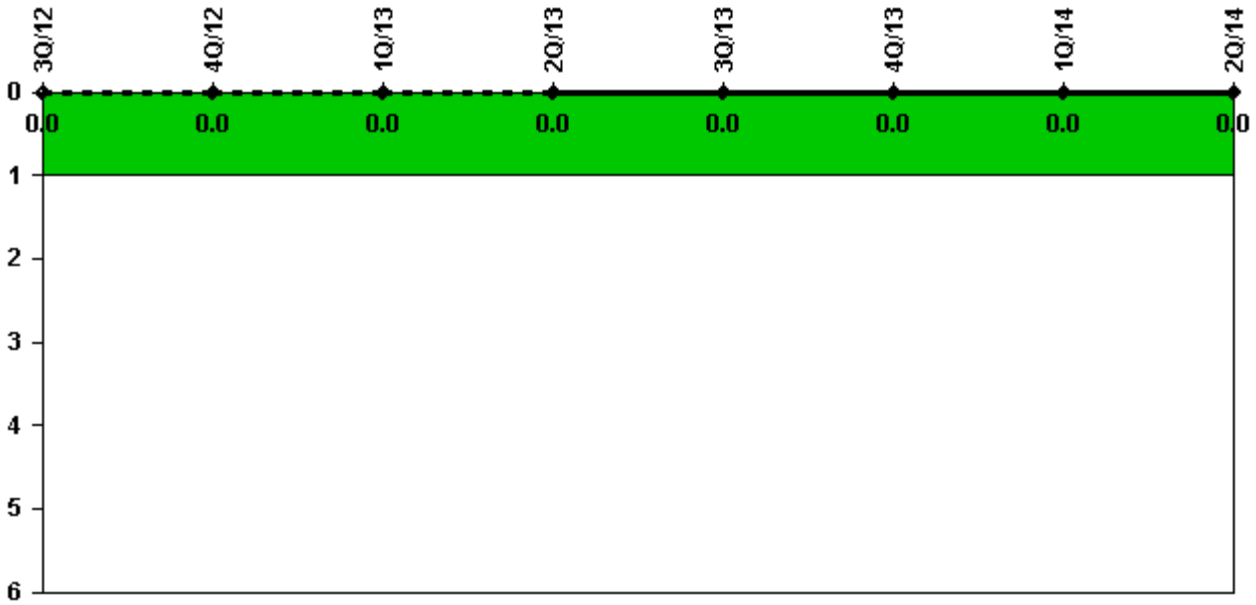
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Unplanned power changes	1.0	0	1.0	1.0	0	0	0	0
Critical hours	2208.0	2209.0	2159.0	1656.8	2208.0	1454.1	2072.6	2050.3
Indicator value	0.9	0.9	1.8	2.6	1.7	1.9	0.9	0

Licensee Comments: none

Unplanned Scrams with Complications



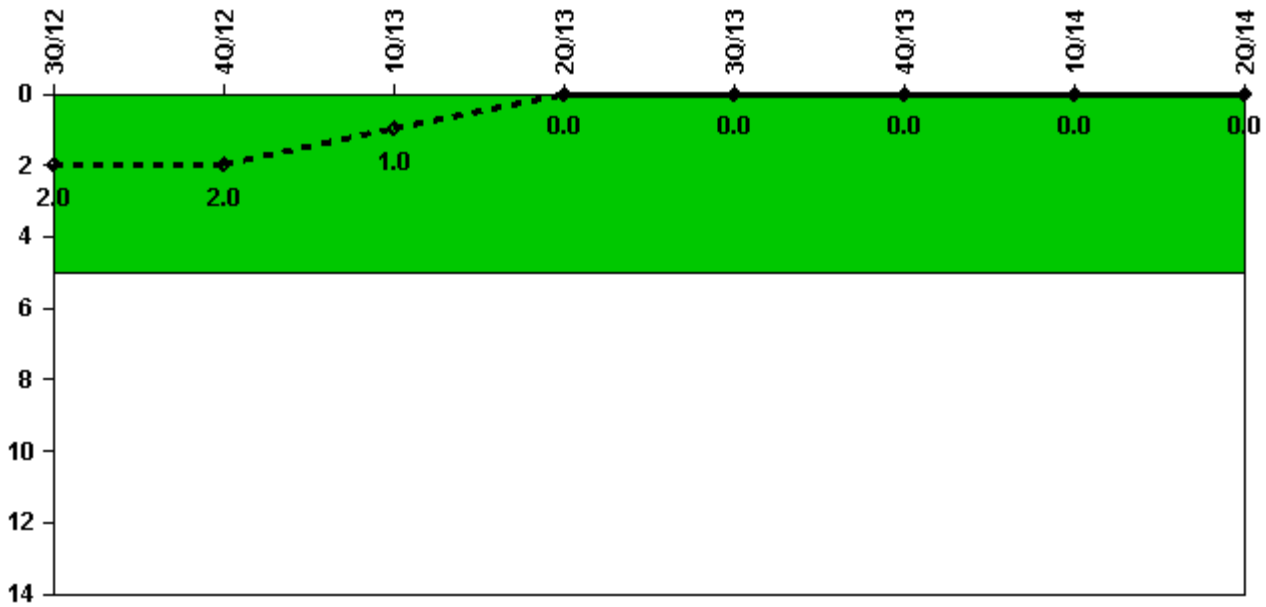
Thresholds: White > 1.0

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	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



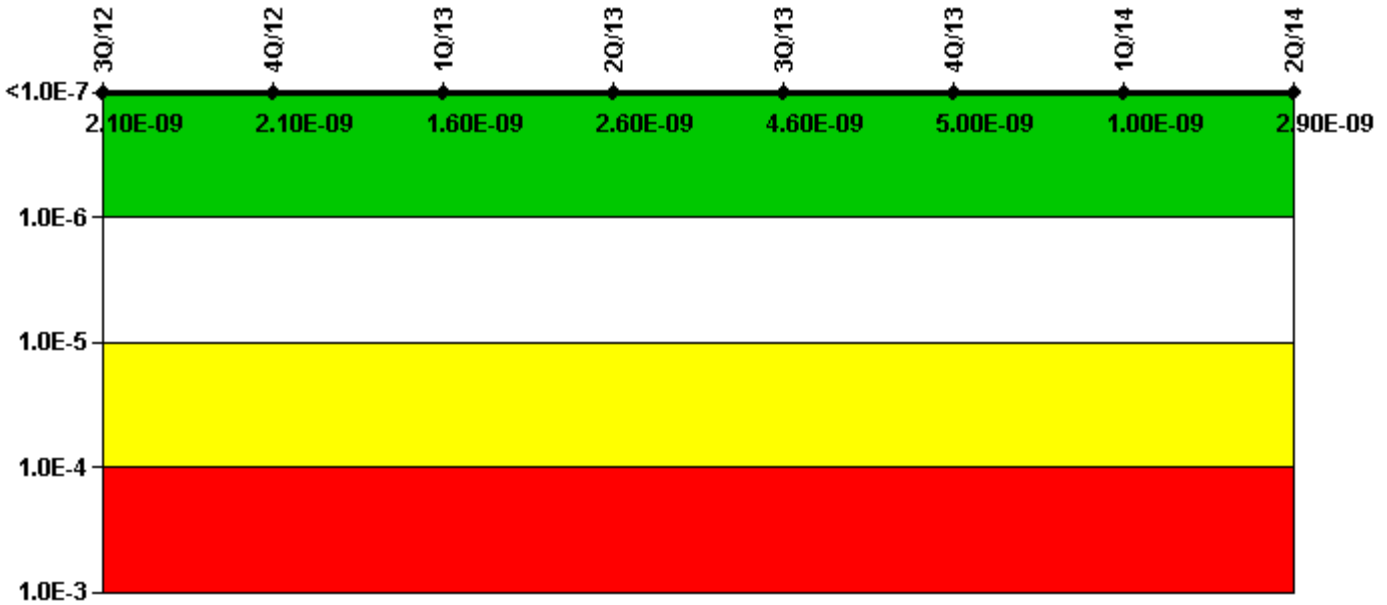
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	2	2	1	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



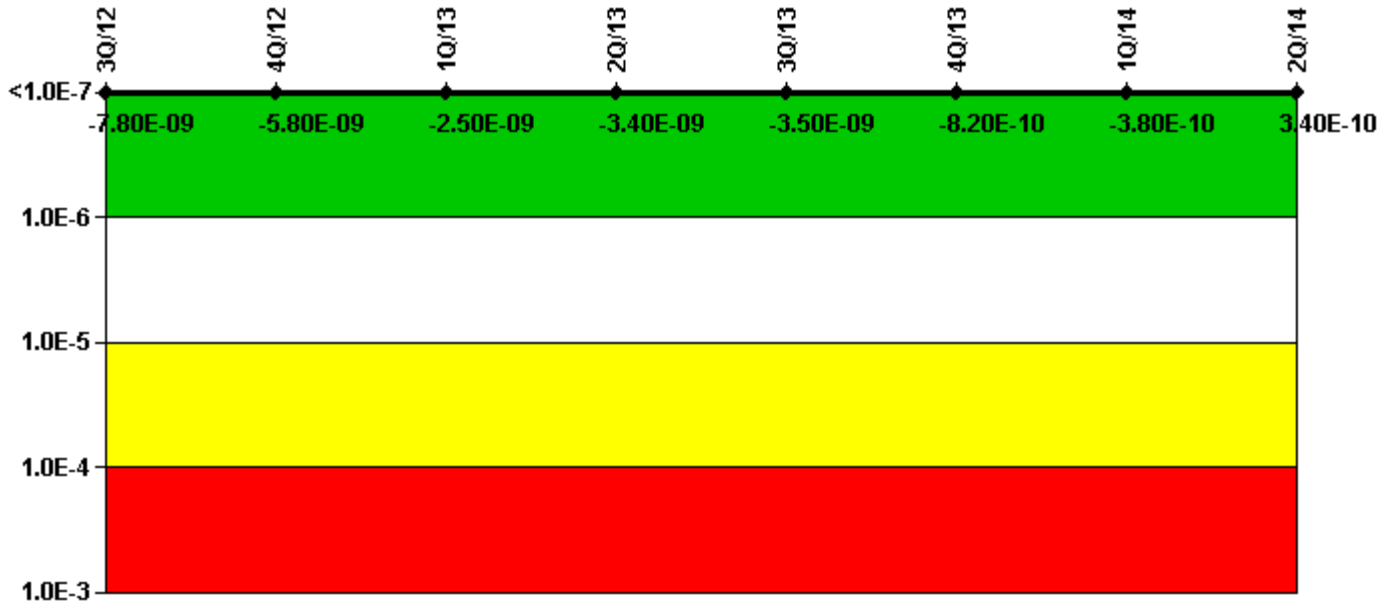
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
UAI (ΔCDF)	1.27E-08	1.23E-08	1.14E-08	1.21E-08	1.37E-08	1.37E-08	1.08E-08	1.22E-08
URI (ΔCDF)	-1.06E-08	-1.02E-08	-9.84E-09	-9.46E-09	-9.08E-09	-8.68E-09	-9.73E-09	-9.34E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.10E-09	2.10E-09	1.60E-09	2.60E-09	4.60E-09	5.00E-09	1.00E-09	2.90E-09

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



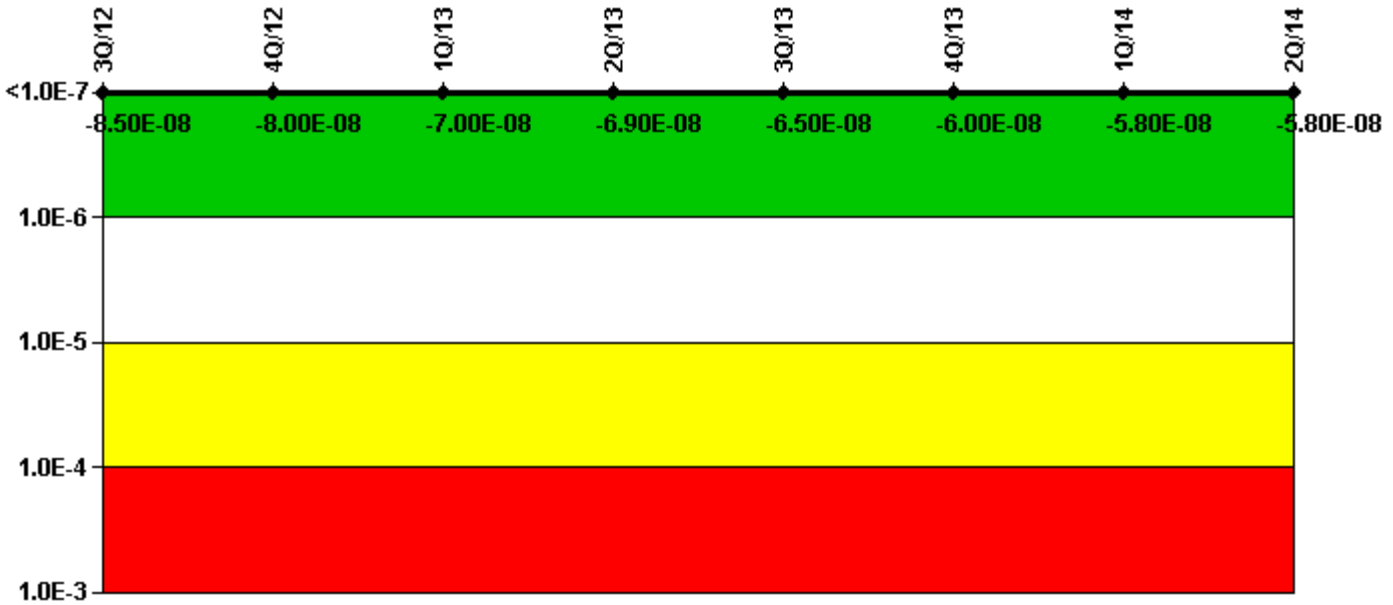
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
UAI (Δ CDF)	2.28E-09	4.18E-09	7.32E-09	6.40E-09	6.14E-09	8.73E-09	9.06E-09	9.67E-09
URI (Δ CDF)	-1.01E-08	-9.96E-09	-9.86E-09	-9.76E-09	-9.65E-09	-9.55E-09	-9.44E-09	-9.33E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-7.80E-09	-5.80E-09	-2.50E-09	-3.40E-09	-3.50E-09	-8.20E-10	-3.80E-10	3.40E-10

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



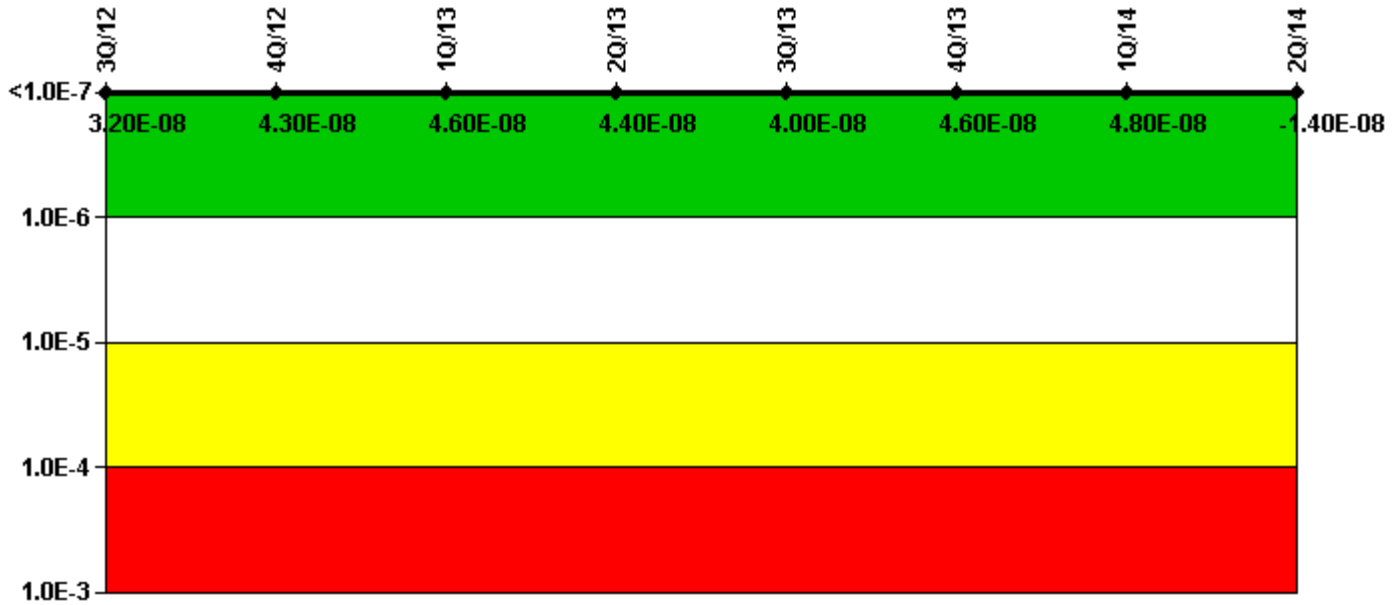
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
UAI (Δ CDF)	-1.15E-08	-7.34E-09	3.36E-10	1.40E-09	4.23E-09	8.44E-09	9.14E-09	9.49E-09
URI (Δ CDF)	-7.33E-08	-7.28E-08	-7.07E-08	-7.00E-08	-6.91E-08	-6.80E-08	-6.75E-08	-6.75E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-8.50E-08	-8.00E-08	-7.00E-08	-6.90E-08	-6.50E-08	-6.00E-08	-5.80E-08	-5.80E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



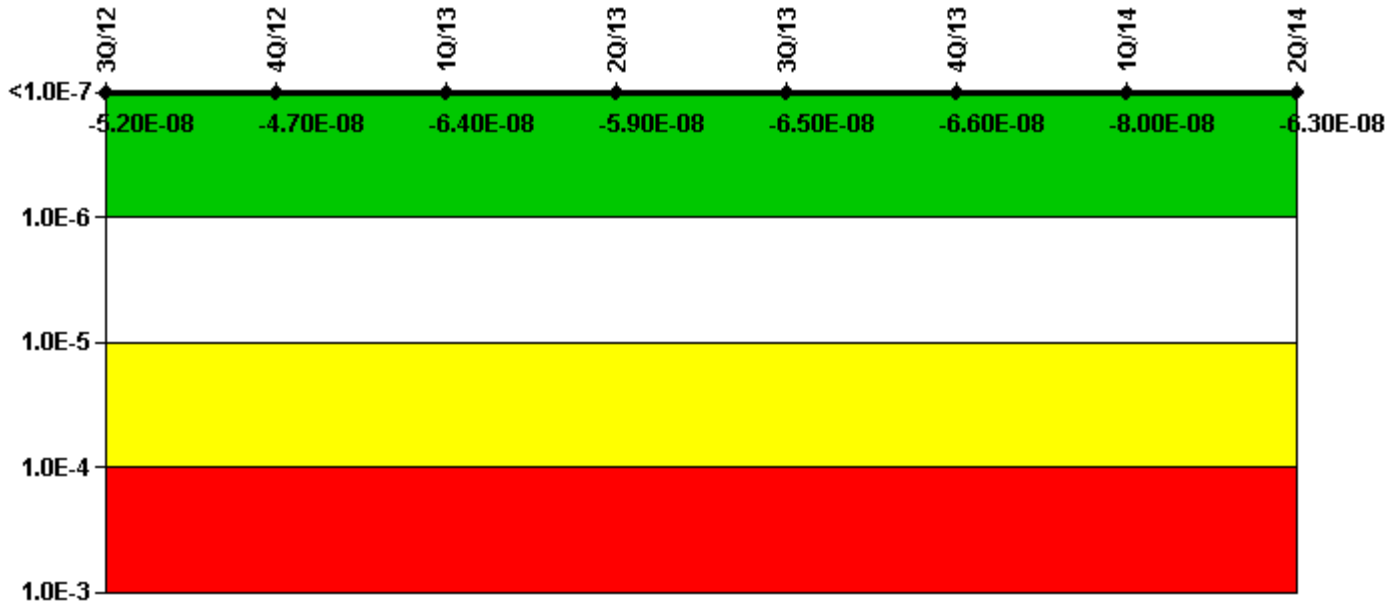
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
UAI (Δ CDF)	7.45E-09	1.81E-08	2.03E-08	1.81E-08	1.30E-08	1.83E-08	1.98E-08	1.55E-08
URI (Δ CDF)	2.43E-08	2.49E-08	2.55E-08	2.62E-08	2.68E-08	2.75E-08	2.81E-08	-2.93E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.20E-08	4.30E-08	4.60E-08	4.40E-08	4.00E-08	4.60E-08	4.80E-08	-1.40E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



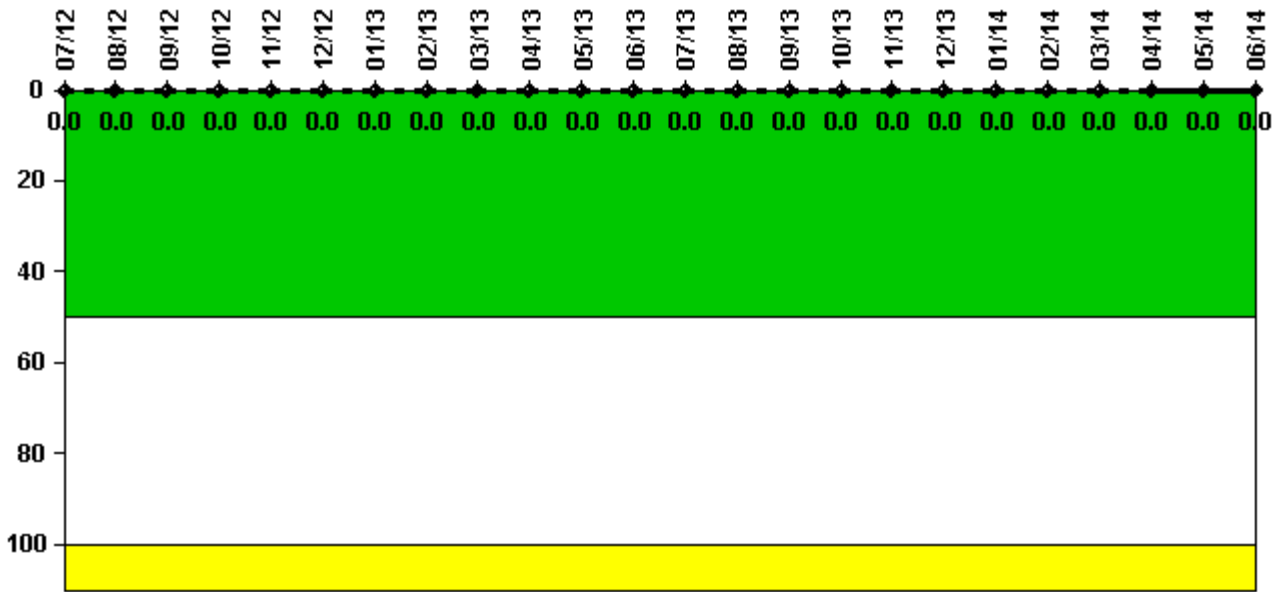
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
UAI (Δ CDF)	5.38E-08	5.84E-08	4.04E-08	4.60E-08	3.88E-08	3.73E-08	2.31E-08	4.04E-08
URI (Δ CDF)	-1.06E-07	-1.05E-07	-1.05E-07	-1.04E-07	-1.04E-07	-1.04E-07	-1.03E-07	-1.03E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.20E-08	-4.70E-08	-6.40E-08	-5.90E-08	-6.50E-08	-6.60E-08	-8.00E-08	-6.30E-08

Licensee Comments: none

Reactor Coolant System Activity



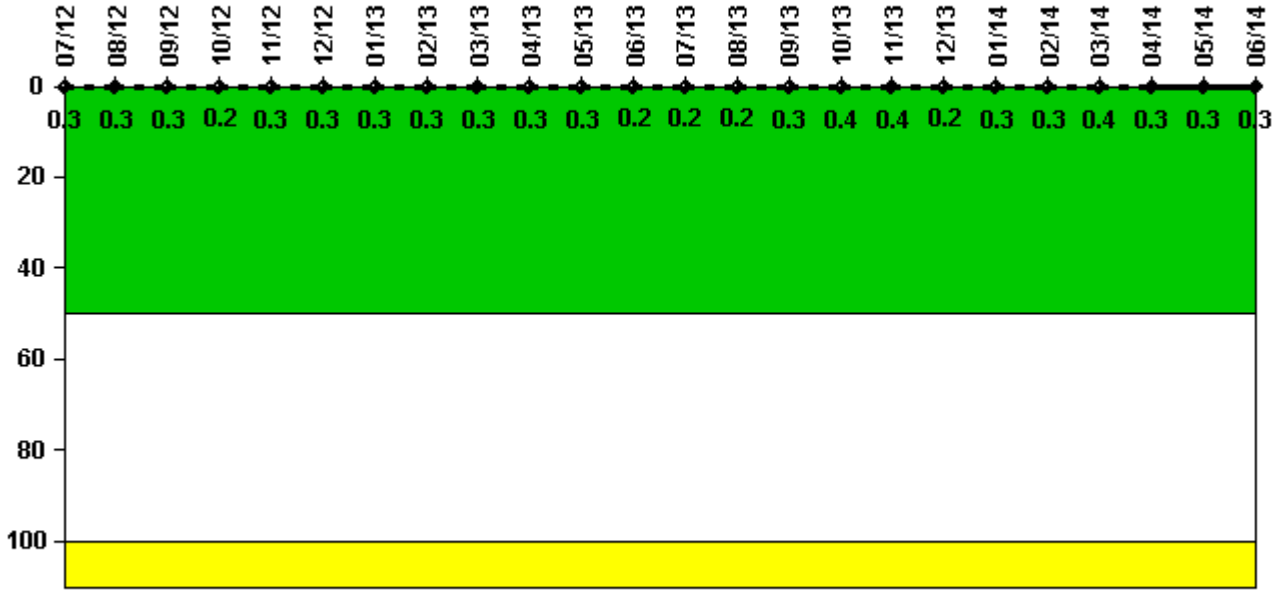
Thresholds: White > 50.0 Yellow > 100.0

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	0.000060	0.000347	0.000074	0.000122	0.000087	0.000146	0.000156	0.000186	0.000130	0.000111	0.000111	0.000118
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	7/13	8/13	9/13	10/13	11/13	12/13	1/14	2/14	3/14	4/14	5/14	6/14
Maximum activity	0.000122	0.000125	0.000143	0.000136	0.000136	0.000085	0.000131	0.000105	0.000113	0.000330	0.000130	0.000139
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

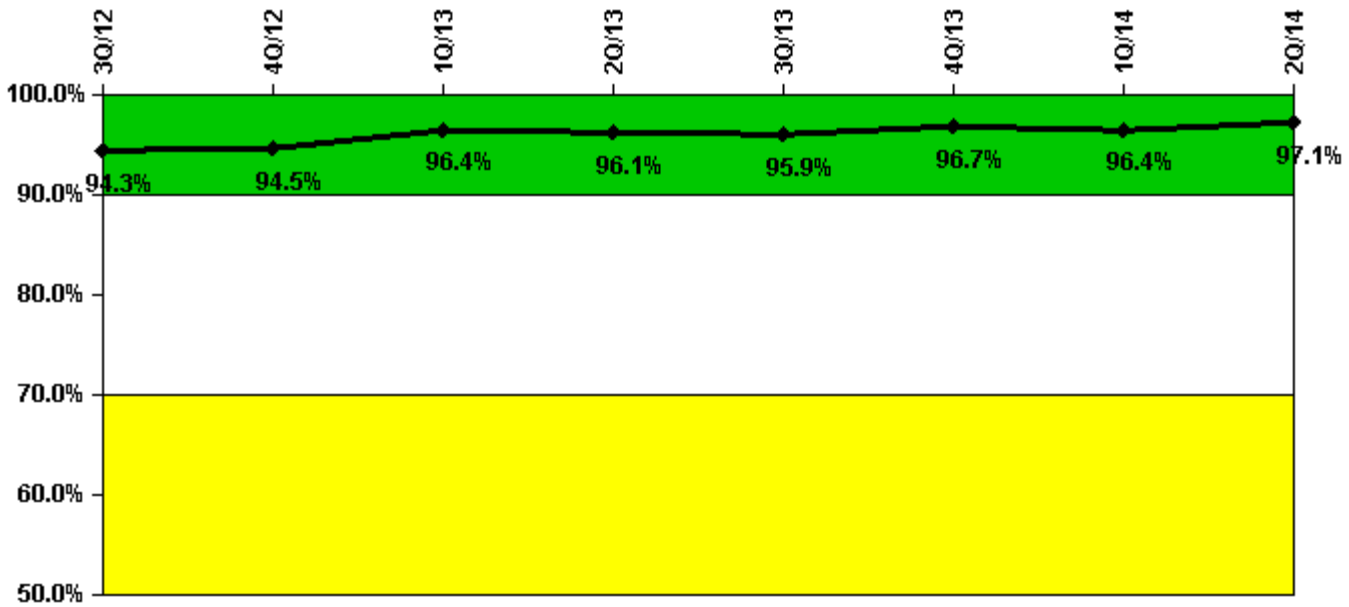
Notes

Reactor Coolant System Leakage	7/12	8/12	9/12	10/12	11/12	12/12	1/13	2/13	3/13	4/13	5/13	6/13
Maximum leakage	0.026	0.025	0.027	0.024	0.026	0.026	0.028	0.027	0.027	0.028	0.025	0.023
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2

Reactor Coolant System Leakage	7/13	8/13	9/13	10/13	11/13	12/13	1/14	2/14	3/14	4/14	5/14	6/14
Maximum leakage	0.022	0.024	0.029	0.037	0.035	0.024	0.027	0.028	0.037	0.029	0.029	0.030
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.2	0.3	0.4	0.4	0.2	0.3	0.3	0.4	0.3	0.3	0.3

Licensee Comments: none

Drill/Exercise Performance



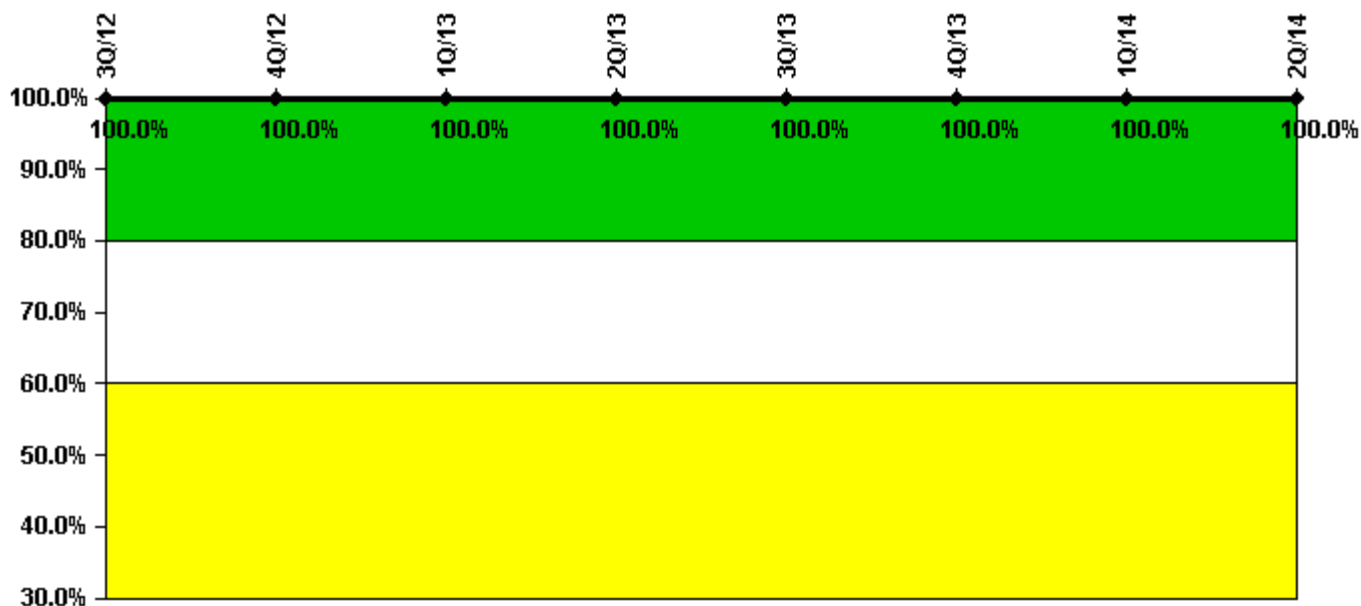
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Successful opportunities	43.0	16.0	45.0	9.0	13.0	22.0	40.0	44.0
Total opportunities	46.0	16.0	46.0	10.0	14.0	22.0	41.0	44.0
Indicator value	94.3%	94.5%	96.4%	96.1%	95.9%	96.7%	96.4%	97.1%

Licensee Comments: none

ERO Drill Participation



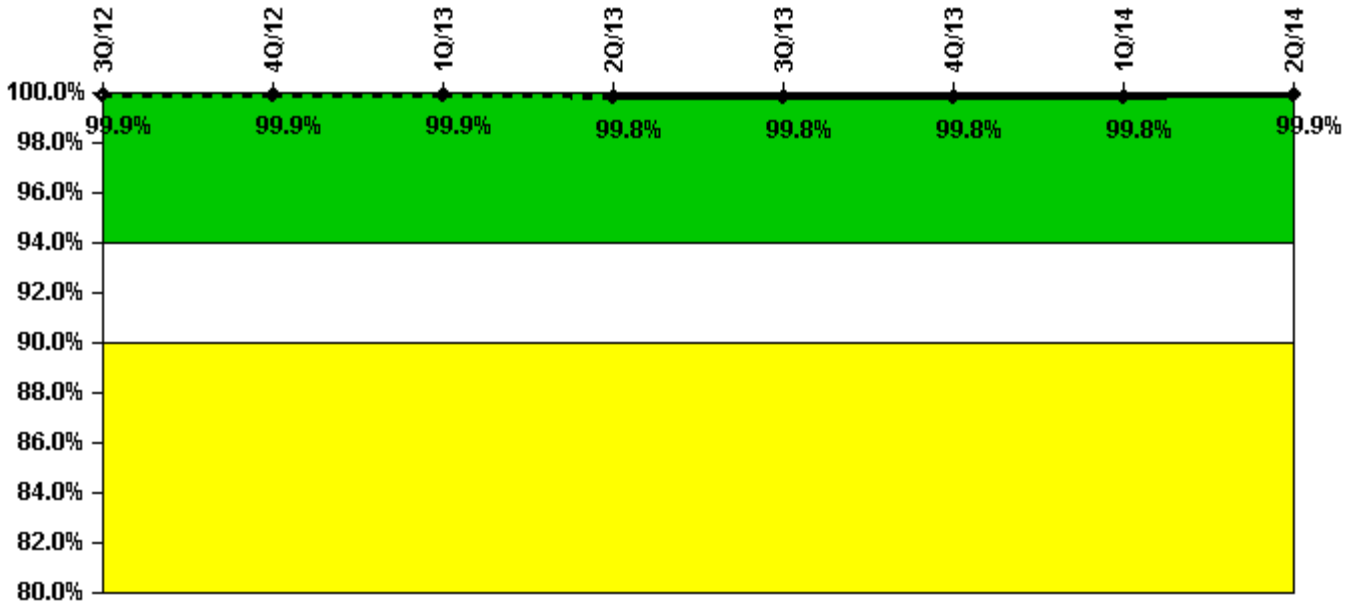
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Participating Key personnel	50.0	51.0	50.0	50.0	49.0	54.0	44.0	49.0
Total Key personnel	50.0	51.0	50.0	50.0	49.0	54.0	44.0	49.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



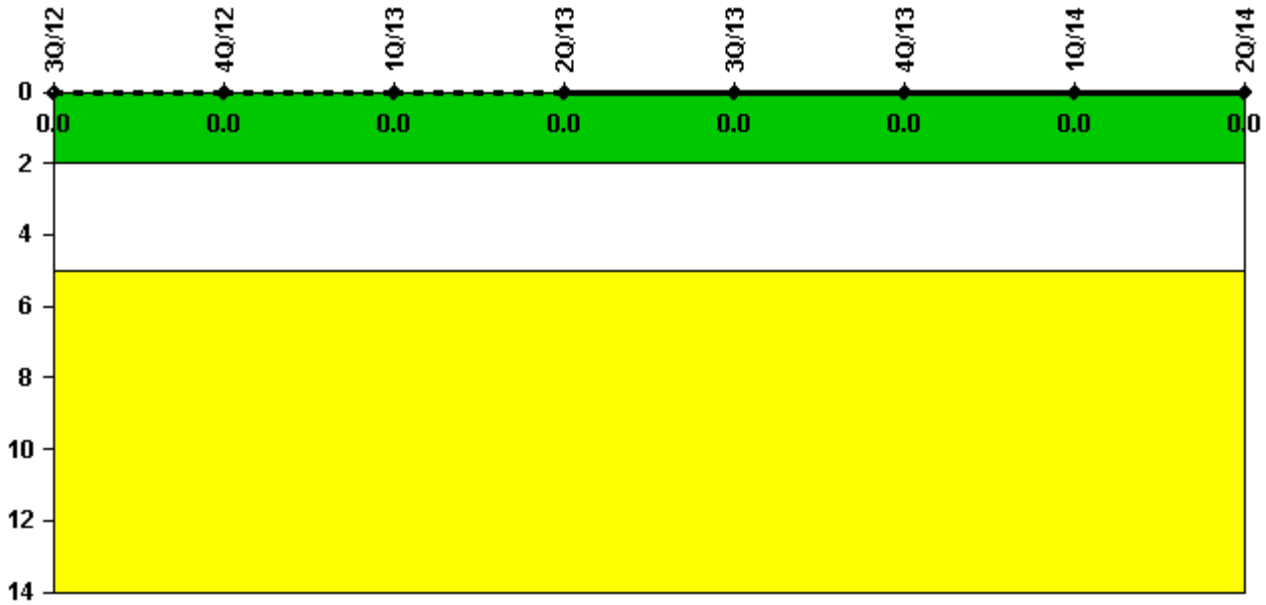
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Successful siren-tests	746	580	664	579	746	663	581	580
Total sirens-tests	747	581	664	581	747	664	581	581
Indicator value	99.9%	99.9%	99.9%	99.8%	99.8%	99.8%	99.8%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



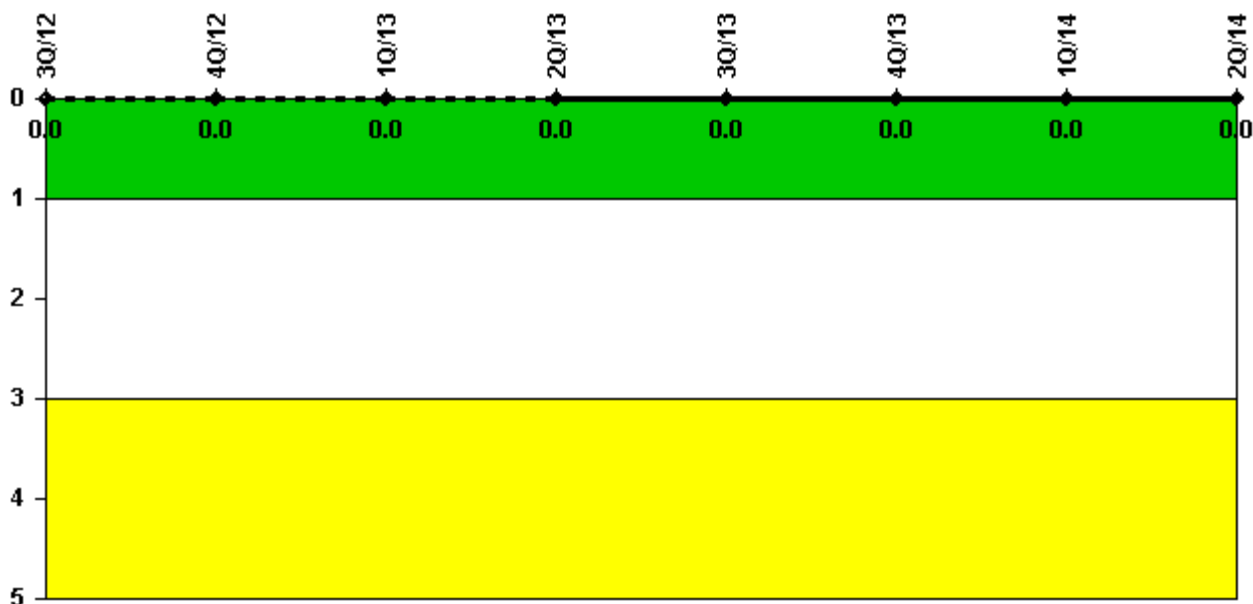
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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	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/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	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 31, 2014

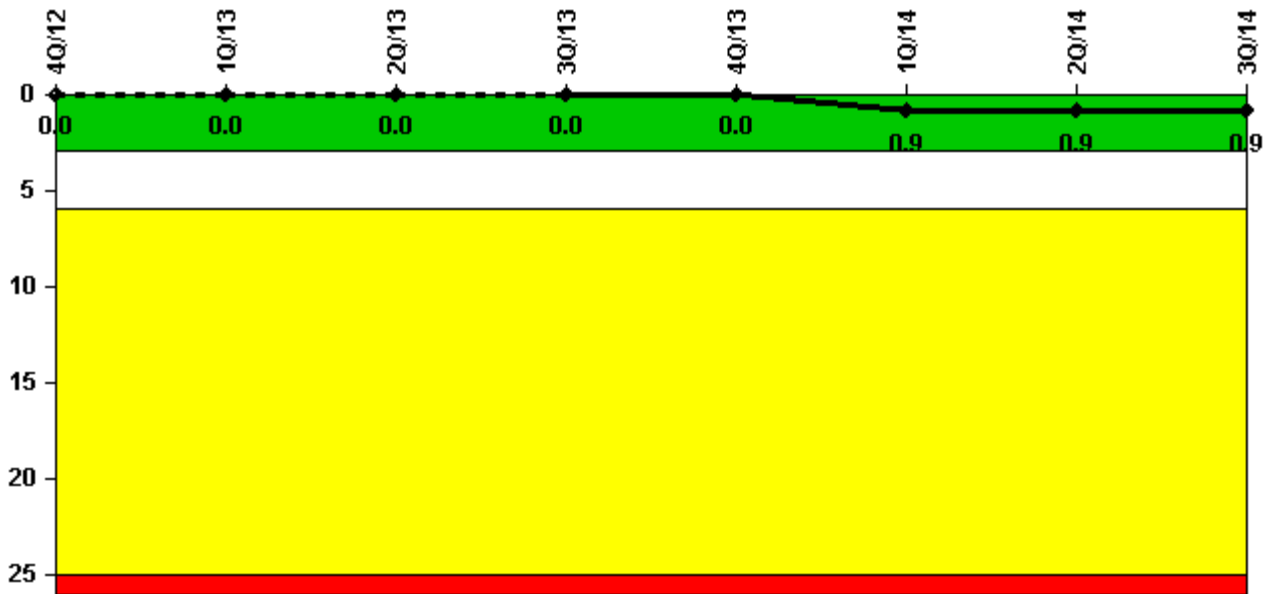
Harris 1

3Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



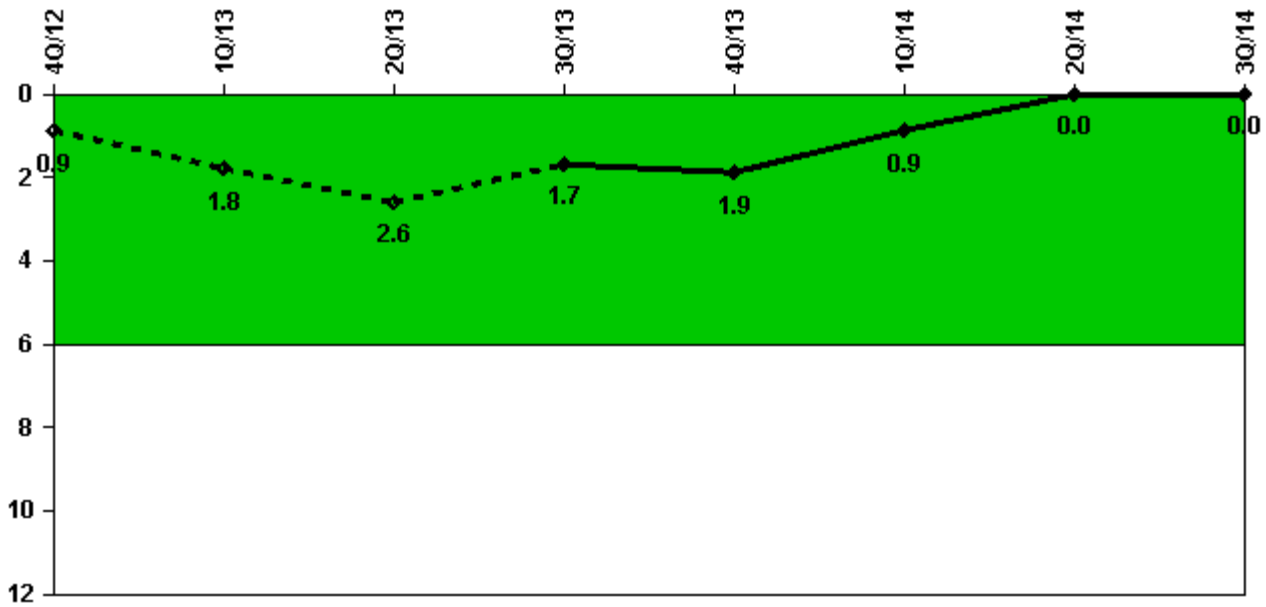
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Unplanned scrams	0	0	0	0	0	1.0	0	0
Critical hours	2209.0	2159.0	1656.8	2208.0	1454.1	2072.6	2050.3	2208.0
Indicator value	0	0	0	0	0	0.9	0.9	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



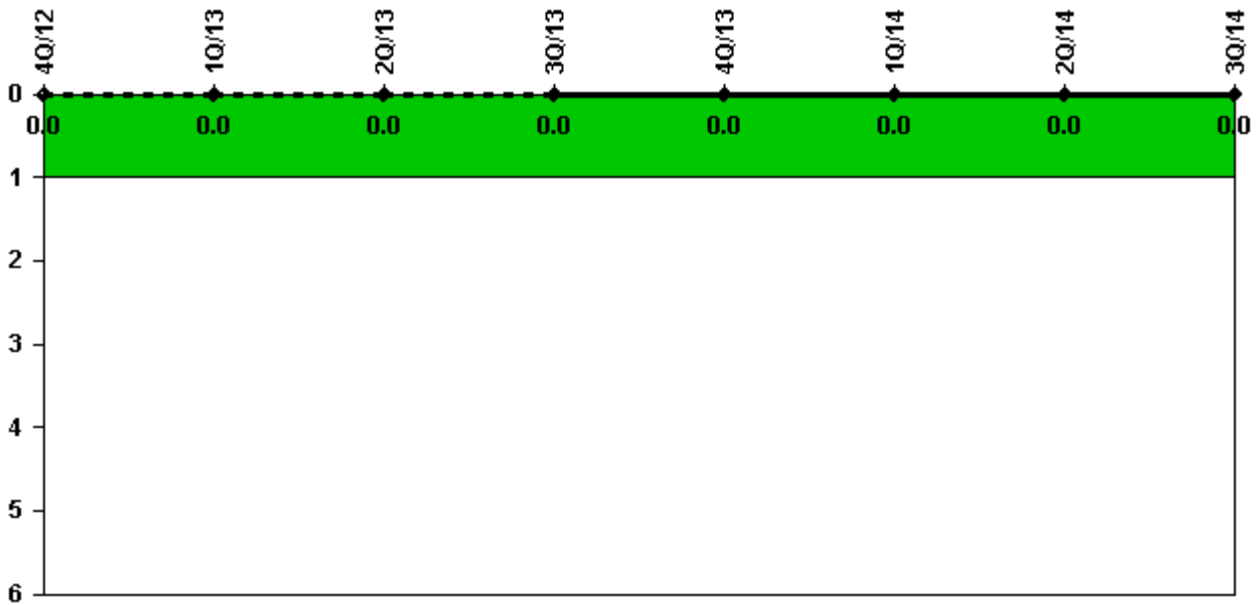
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Unplanned power changes	0	1.0	1.0	0	0	0	0	0
Critical hours	2209.0	2159.0	1656.8	2208.0	1454.1	2072.6	2050.3	2208.0
Indicator value	0.9	1.8	2.6	1.7	1.9	0.9	0	0

Licensee Comments: none

Unplanned Scrams with Complications



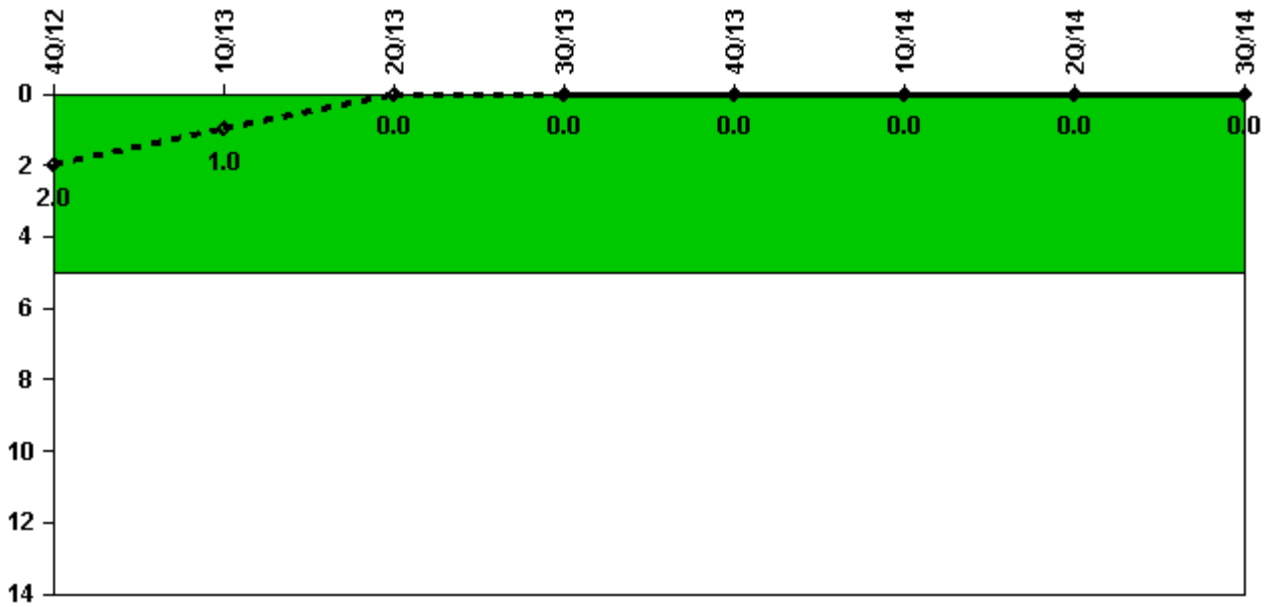
Thresholds: White > 1.0

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	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



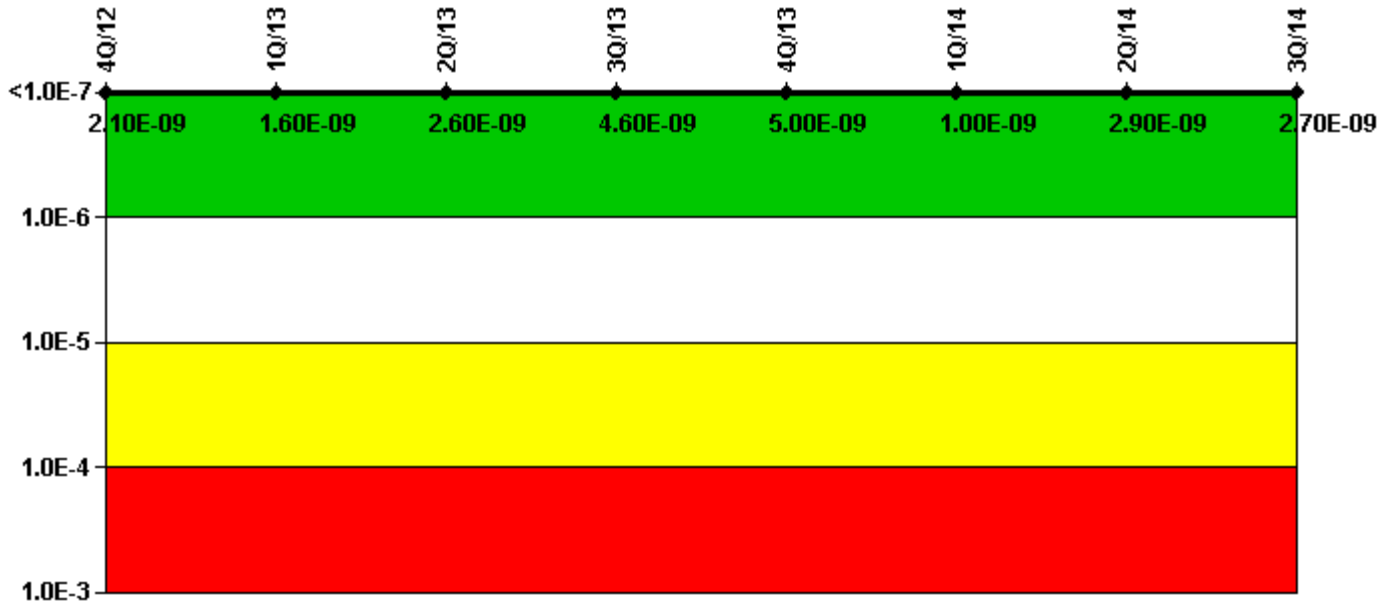
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	2	1	0	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



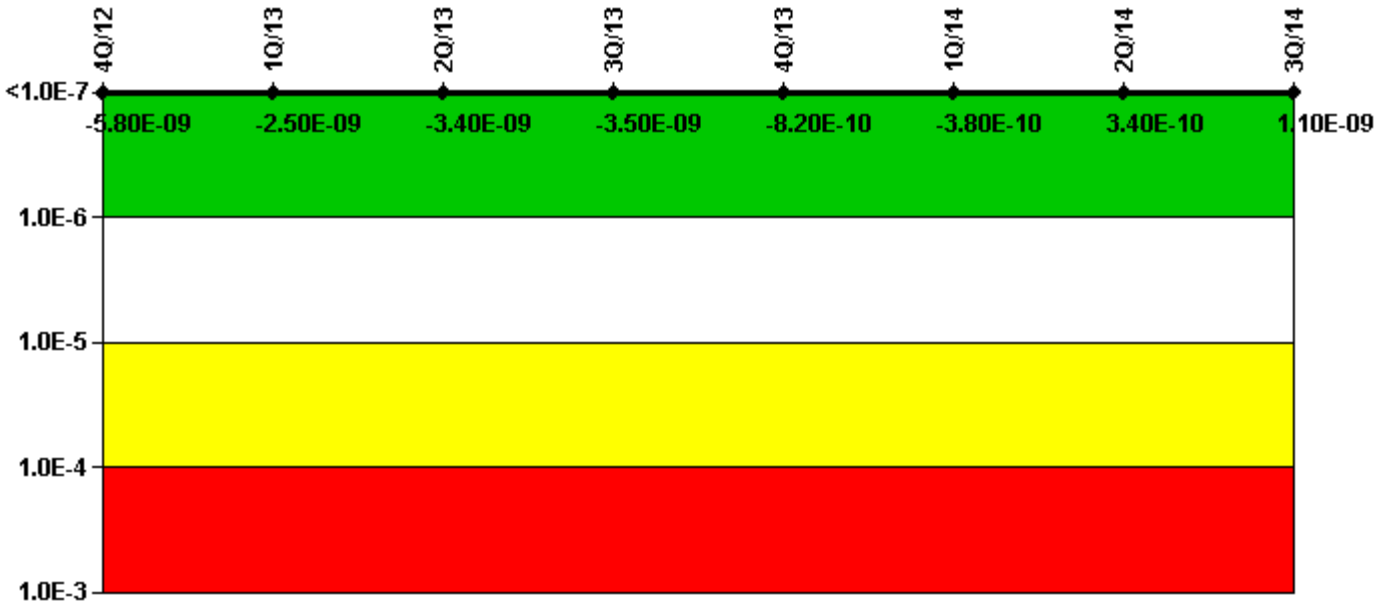
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
UAI (Δ CDF)	1.23E-08	1.14E-08	1.21E-08	1.37E-08	1.37E-08	1.08E-08	1.22E-08	1.17E-08
URI (Δ CDF)	-1.02E-08	-9.84E-09	-9.46E-09	-9.08E-09	-8.68E-09	-9.73E-09	-9.34E-09	-8.93E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.10E-09	1.60E-09	2.60E-09	4.60E-09	5.00E-09	1.00E-09	2.90E-09	2.70E-09

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



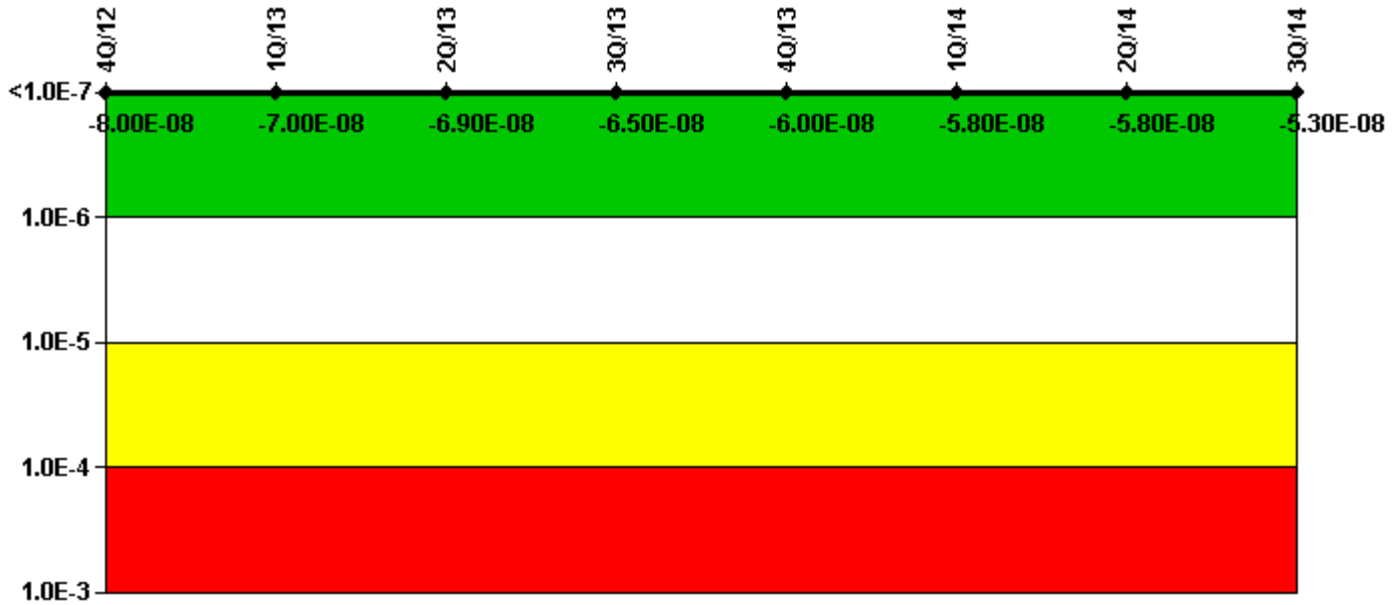
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
UAI (Δ CDF)	4.18E-09	7.32E-09	6.40E-09	6.14E-09	8.73E-09	9.06E-09	9.67E-09	1.03E-08
URI (Δ CDF)	-9.96E-09	-9.86E-09	-9.76E-09	-9.65E-09	-9.55E-09	-9.44E-09	-9.33E-09	-9.22E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.80E-09	-2.50E-09	-3.40E-09	-3.50E-09	-8.20E-10	-3.80E-10	3.40E-10	1.10E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



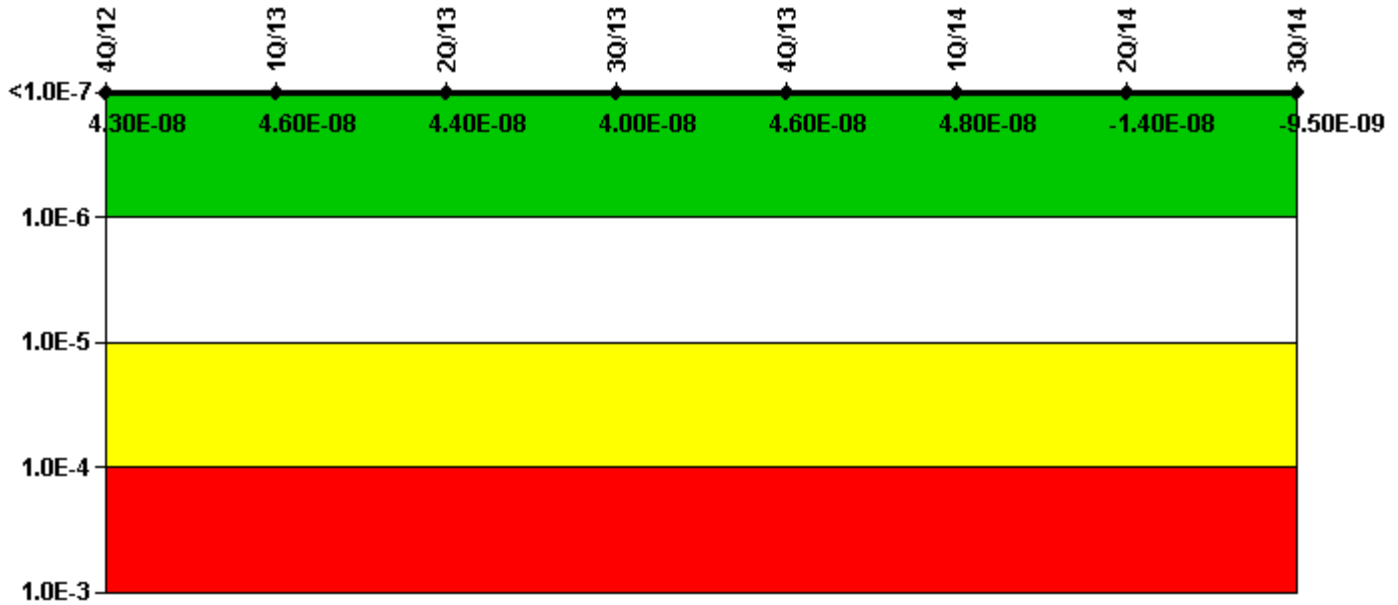
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
UAI (Δ CDF)	-7.34E-09	3.36E-10	1.40E-09	4.23E-09	8.44E-09	9.14E-09	9.49E-09	1.25E-08
URI (Δ CDF)	-7.28E-08	-7.07E-08	-7.00E-08	-6.91E-08	-6.80E-08	-6.75E-08	-6.75E-08	-6.56E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-8.00E-08	-7.00E-08	-6.90E-08	-6.50E-08	-6.00E-08	-5.80E-08	-5.80E-08	-5.30E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



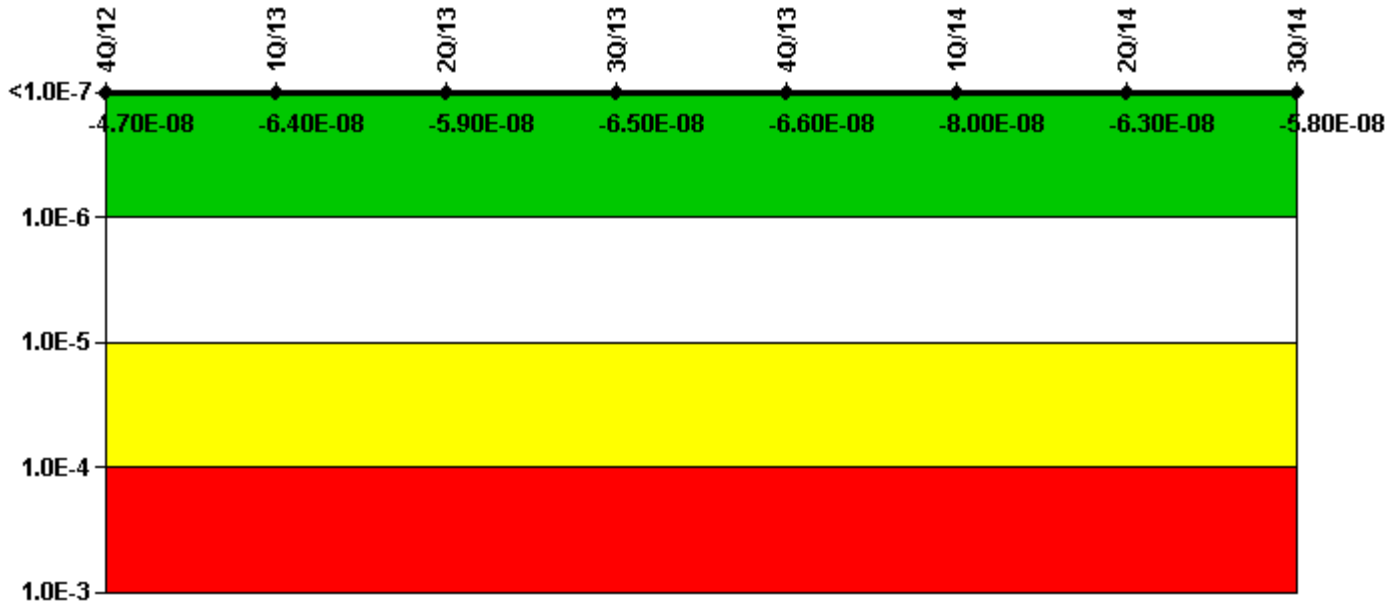
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
UAI (Δ CDF)	1.81E-08	2.03E-08	1.81E-08	1.30E-08	1.83E-08	1.98E-08	1.55E-08	1.92E-08
URI (Δ CDF)	2.49E-08	2.55E-08	2.62E-08	2.68E-08	2.75E-08	2.81E-08	-2.93E-08	-2.88E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.30E-08	4.60E-08	4.40E-08	4.00E-08	4.60E-08	4.80E-08	-1.40E-08	-9.50E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



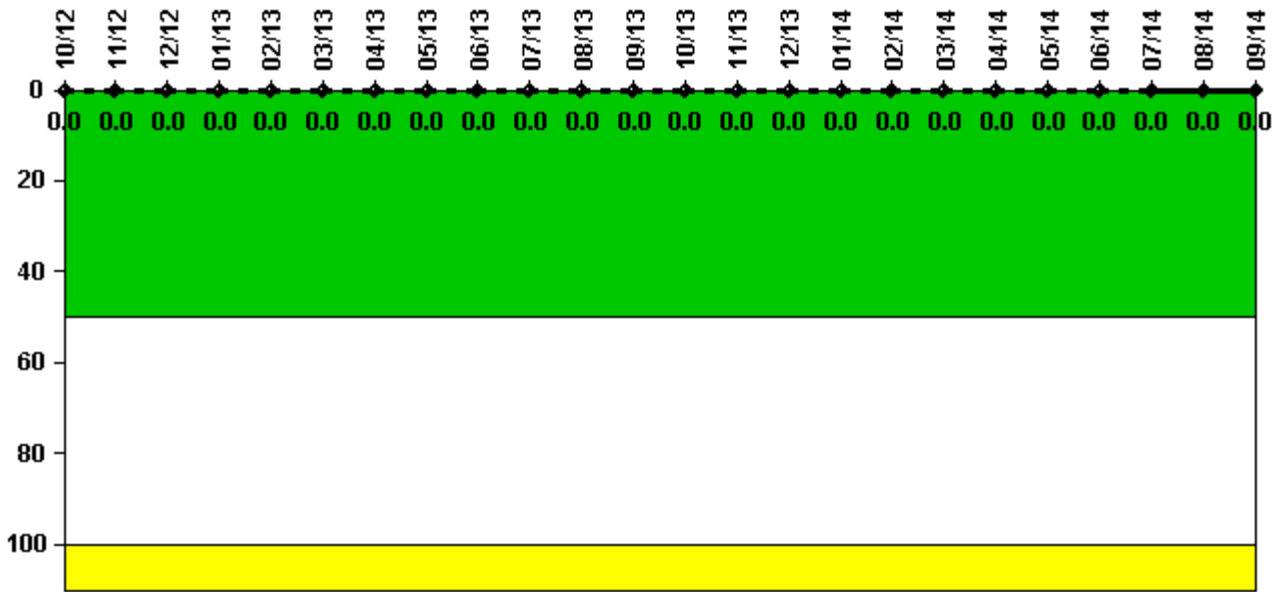
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
UAI (Δ CDF)	5.84E-08	4.04E-08	4.60E-08	3.88E-08	3.73E-08	2.31E-08	4.04E-08	4.46E-08
URI (Δ CDF)	-1.05E-07	-1.05E-07	-1.04E-07	-1.04E-07	-1.04E-07	-1.03E-07	-1.03E-07	-1.03E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.70E-08	-6.40E-08	-5.90E-08	-6.50E-08	-6.60E-08	-8.00E-08	-6.30E-08	-5.80E-08

Licensee Comments: none

Reactor Coolant System Activity



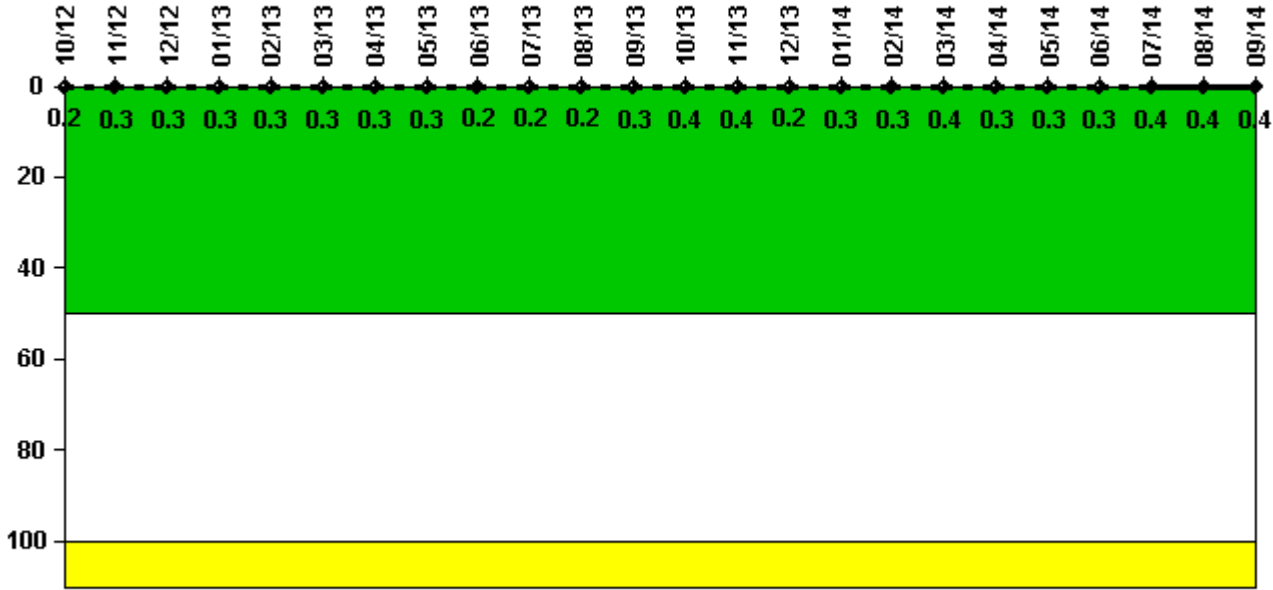
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/12	11/12	12/12	1/13	2/13	3/13	4/13	5/13	6/13	7/13	8/13	9/13
Maximum activity	0.000122	0.000087	0.000146	0.000156	0.000186	0.000130	0.000111	0.000111	0.000118	0.000122	0.000125	0.000143
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	10/13	11/13	12/13	1/14	2/14	3/14	4/14	5/14	6/14	7/14	8/14	9/14
Maximum activity	0.000136	0.000136	0.000085	0.000131	0.000105	0.000113	0.000330	0.000130	0.000139	0.000147	0.000131	0.000138
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

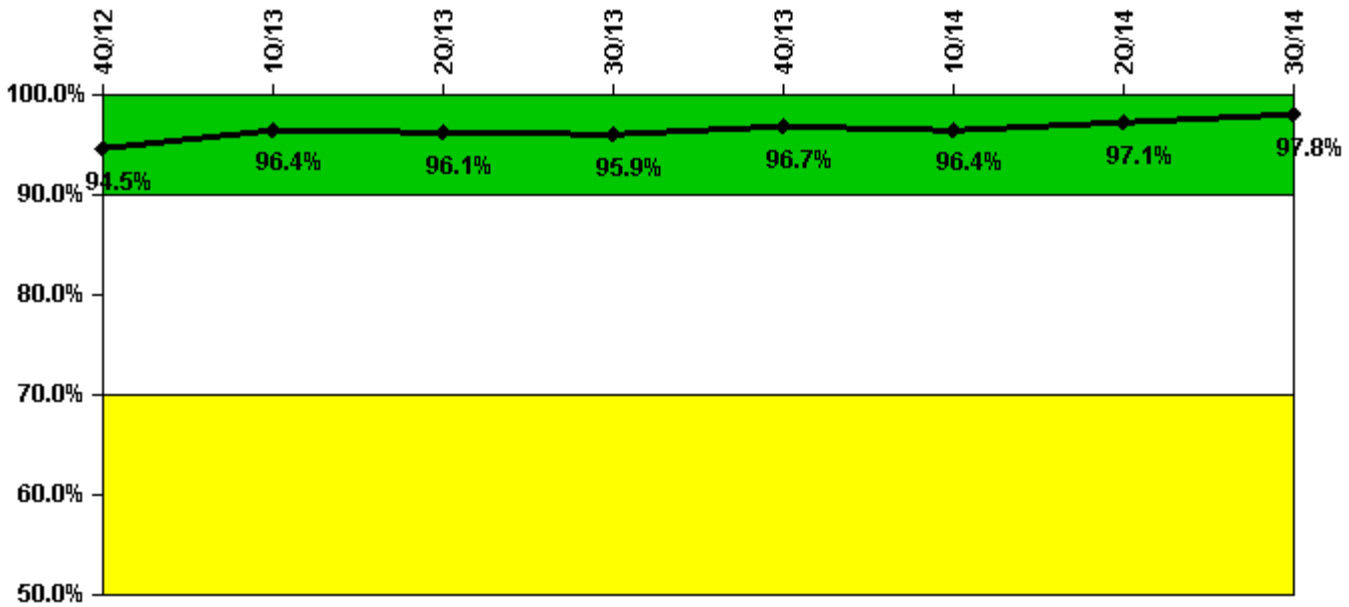
Notes

Reactor Coolant System Leakage	10/12	11/12	12/12	1/13	2/13	3/13	4/13	5/13	6/13	7/13	8/13	9/13
Maximum leakage	0.024	0.026	0.026	0.028	0.027	0.027	0.028	0.025	0.023	0.022	0.024	0.029
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.3

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	0.037	0.035	0.024	0.027	0.028	0.037	0.029	0.029	0.030	0.035	0.036	0.042
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.4	0.2	0.3	0.3	0.4	0.3	0.3	0.3	0.4	0.4	0.4

Licensee Comments: none

Drill/Exercise Performance



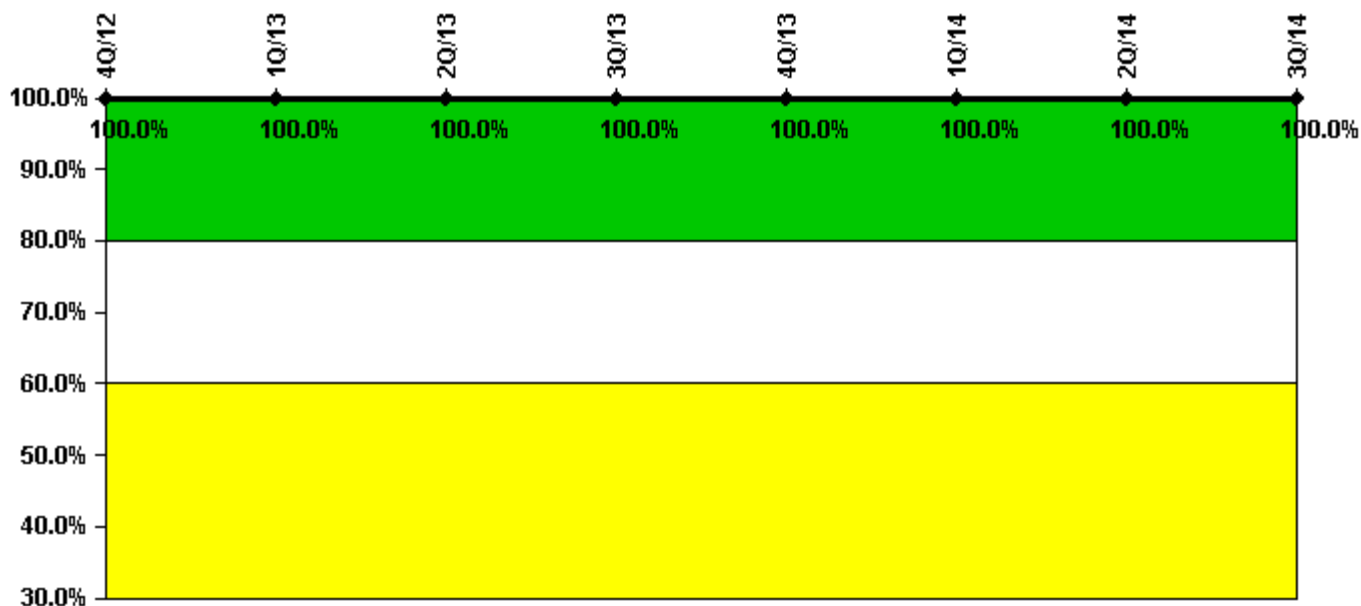
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Successful opportunities	16.0	45.0	9.0	13.0	22.0	40.0	44.0	31.0
Total opportunities	16.0	46.0	10.0	14.0	22.0	41.0	44.0	32.0
Indicator value	94.5%	96.4%	96.1%	95.9%	96.7%	96.4%	97.1%	97.8%

Licensee Comments: none

ERO Drill Participation



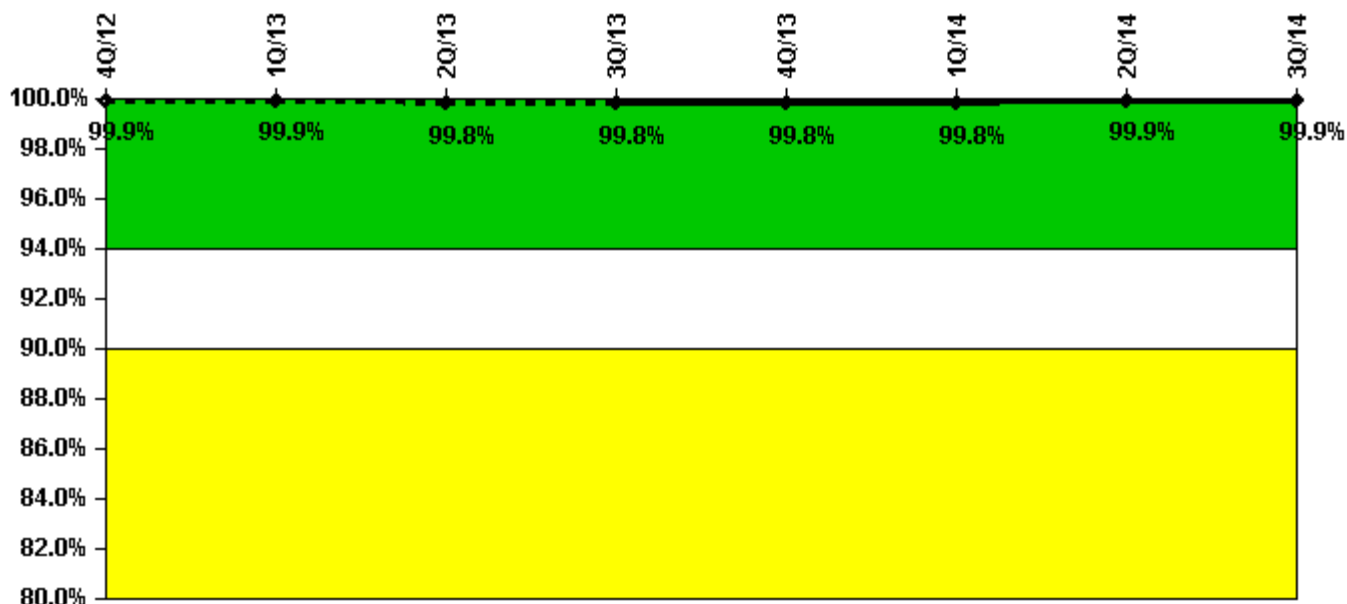
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Participating Key personnel	51.0	50.0	50.0	49.0	54.0	44.0	49.0	50.0
Total Key personnel	51.0	50.0	50.0	49.0	54.0	44.0	49.0	50.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



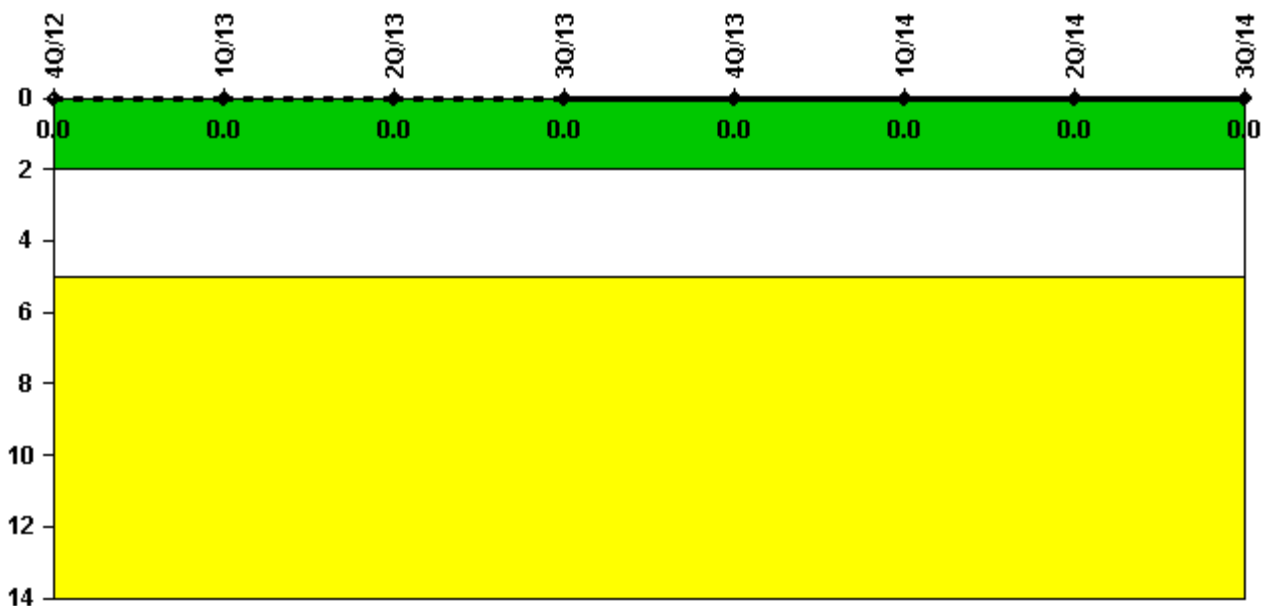
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Successful siren-tests	580	664	579	746	663	581	580	746
Total sirens-tests	581	664	581	747	664	581	581	747
Indicator value	99.9%	99.9%	99.8%	99.8%	99.8%	99.8%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



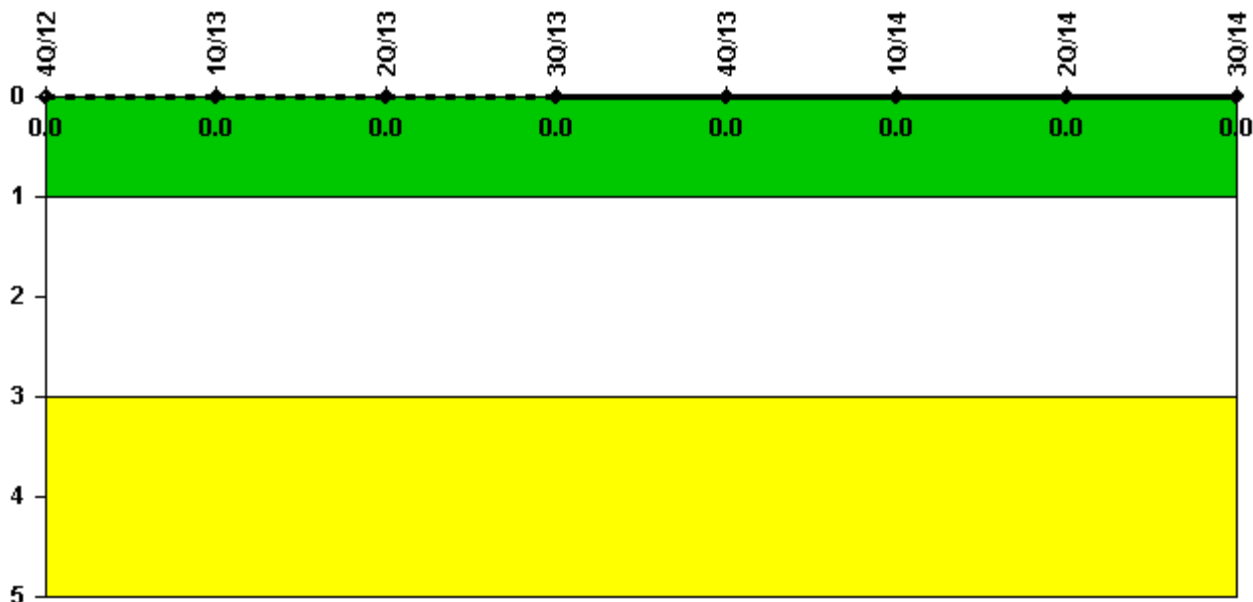
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/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	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: November 3, 2014

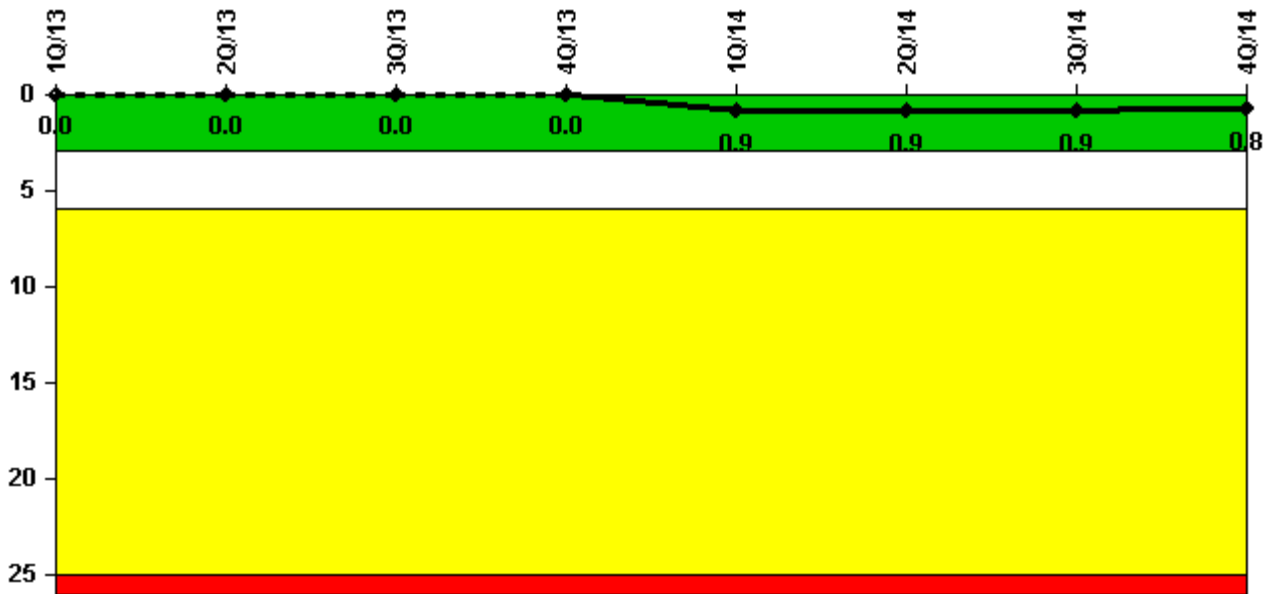
Harris 1

4Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



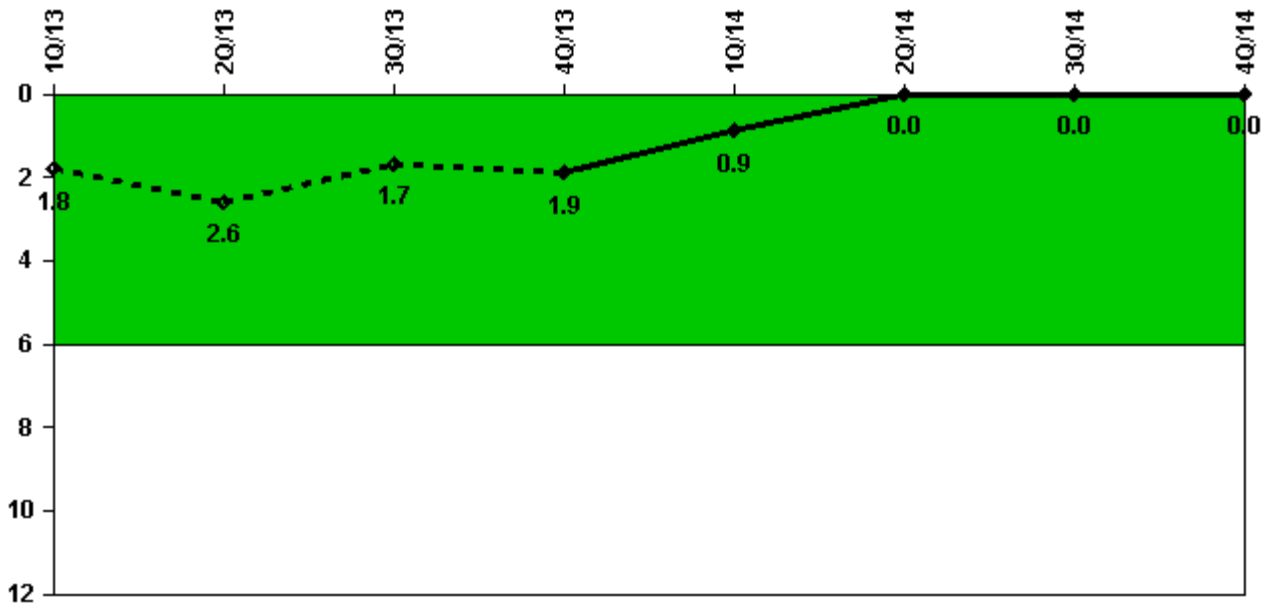
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Unplanned scrams	0	0	0	0	1.0	0	0	0
Critical hours	2159.0	1656.8	2208.0	1454.1	2072.6	2050.3	2208.0	2209.0
Indicator value	0	0	0	0	0.9	0.9	0.9	0.8

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



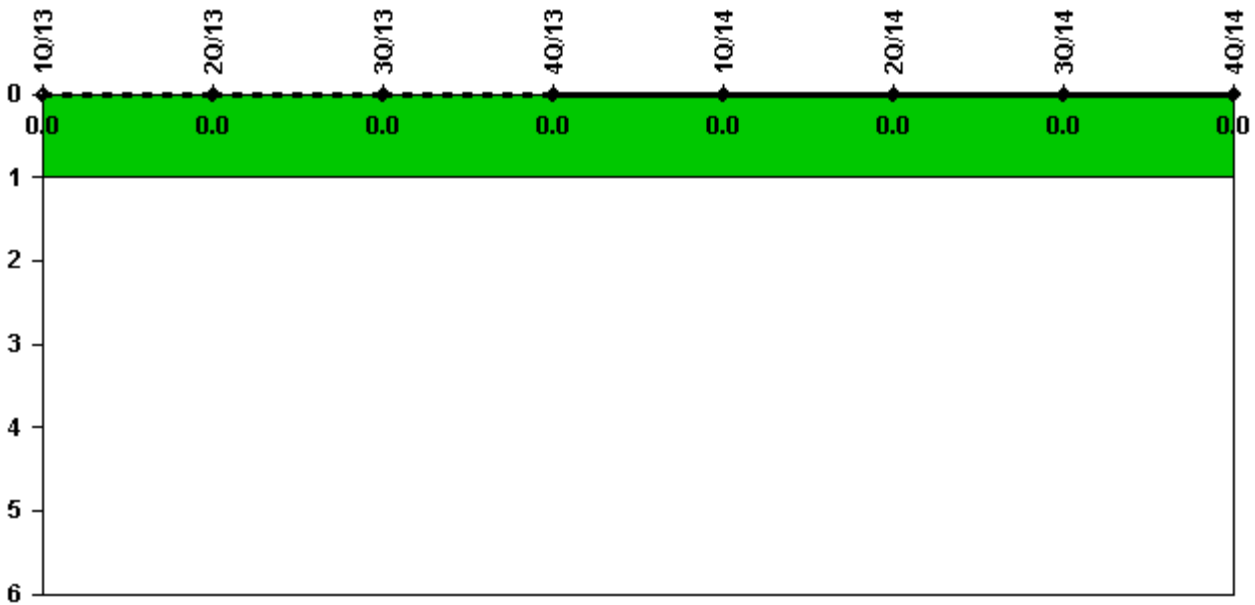
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Unplanned power changes	1.0	1.0	0	0	0	0	0	0
Critical hours	2159.0	1656.8	2208.0	1454.1	2072.6	2050.3	2208.0	2209.0
Indicator value	1.8	2.6	1.7	1.9	0.9	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



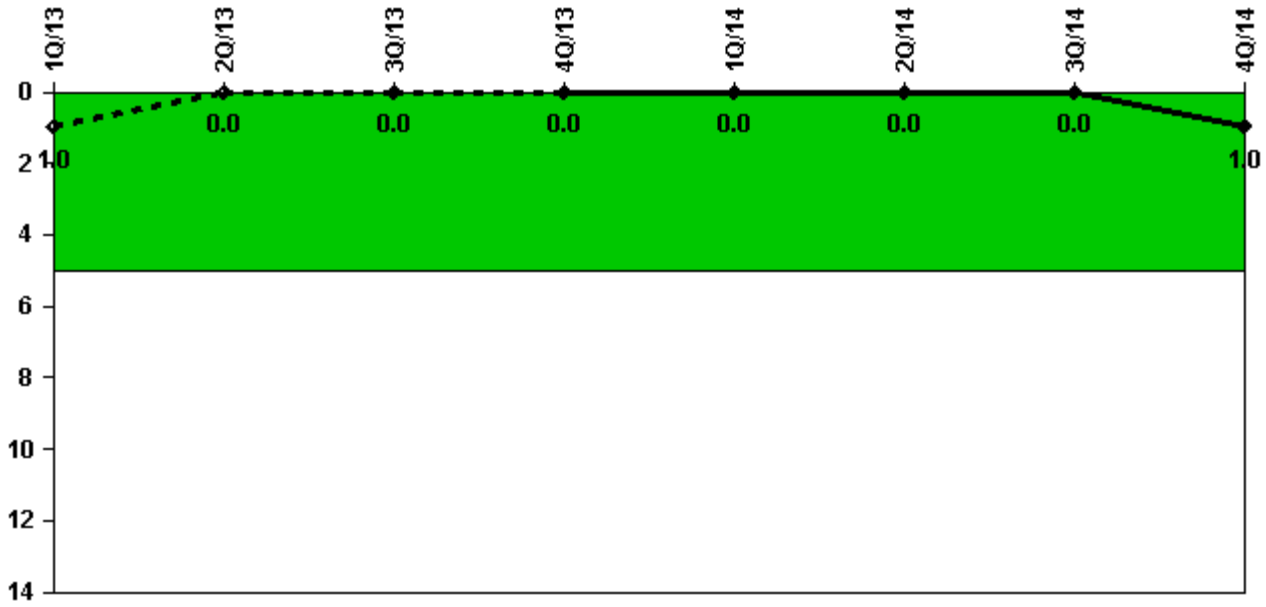
Thresholds: White > 1.0

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	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



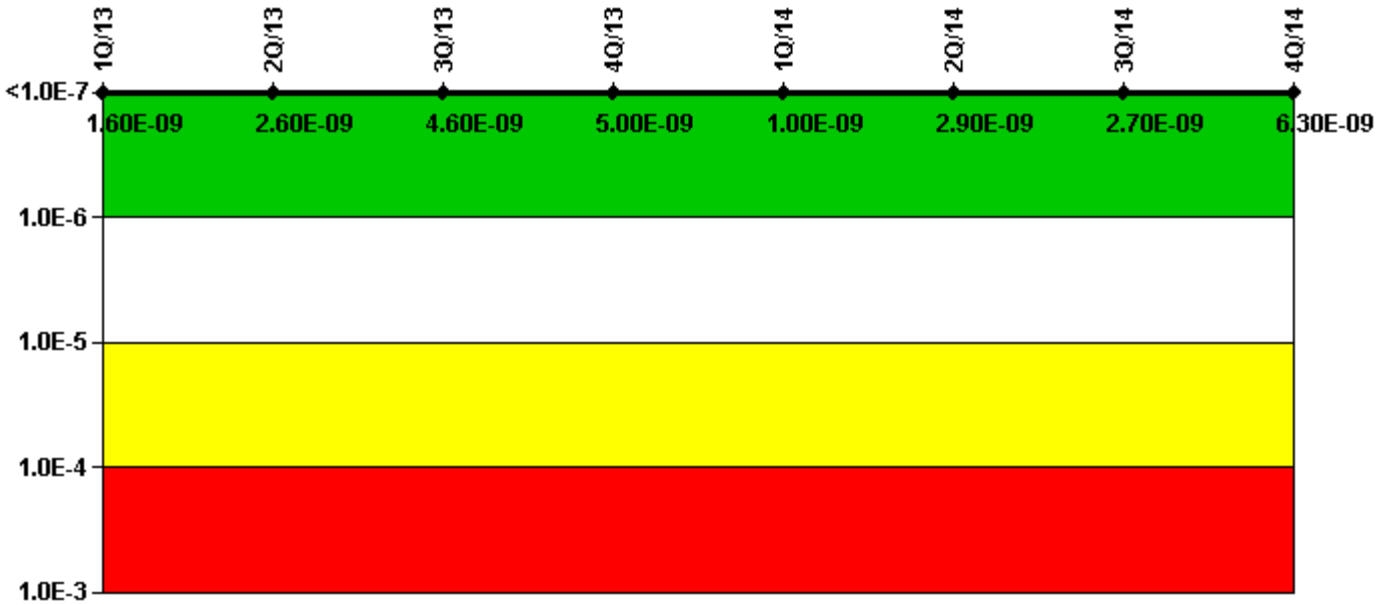
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Safety System Functional Failures	0	0	0	0	0	0	0	1
Indicator value	1	0	0	0	0	0	0	1

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



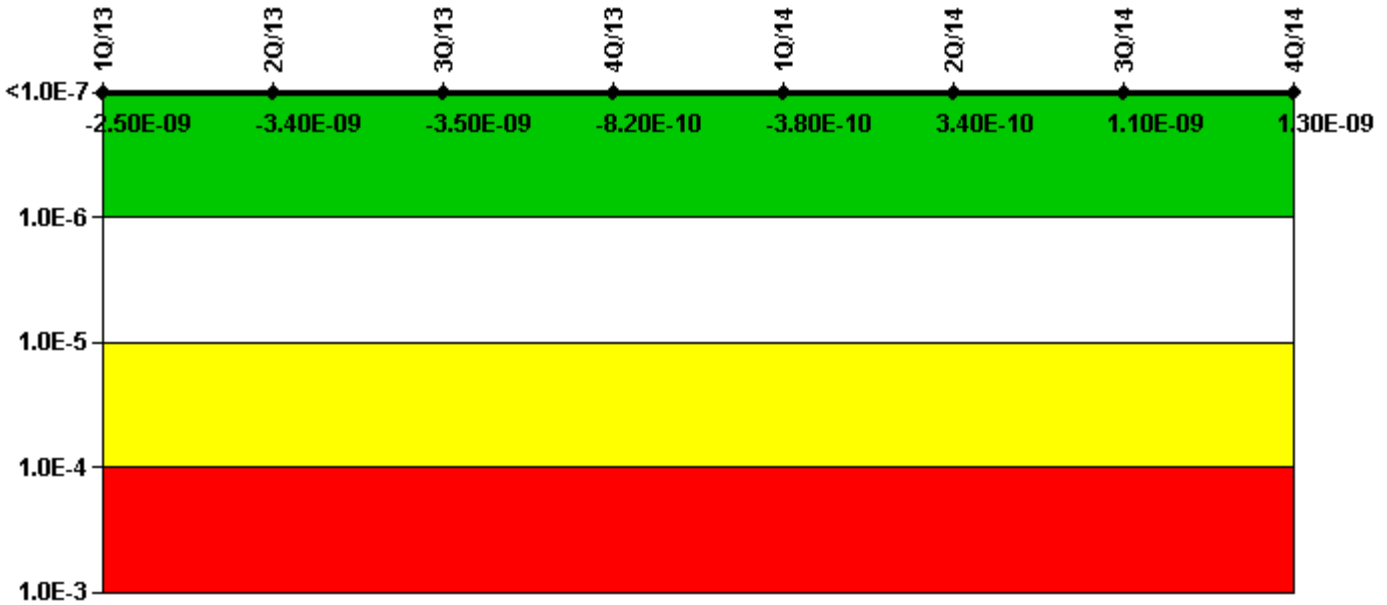
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
UAI (ΔCDF)	1.14E-08	1.21E-08	1.37E-08	1.37E-08	1.08E-08	1.22E-08	1.17E-08	1.48E-08
URI (ΔCDF)	-9.84E-09	-9.46E-09	-9.08E-09	-8.68E-09	-9.73E-09	-9.34E-09	-8.93E-09	-8.51E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.60E-09	2.60E-09	4.60E-09	5.00E-09	1.00E-09	2.90E-09	2.70E-09	6.30E-09

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



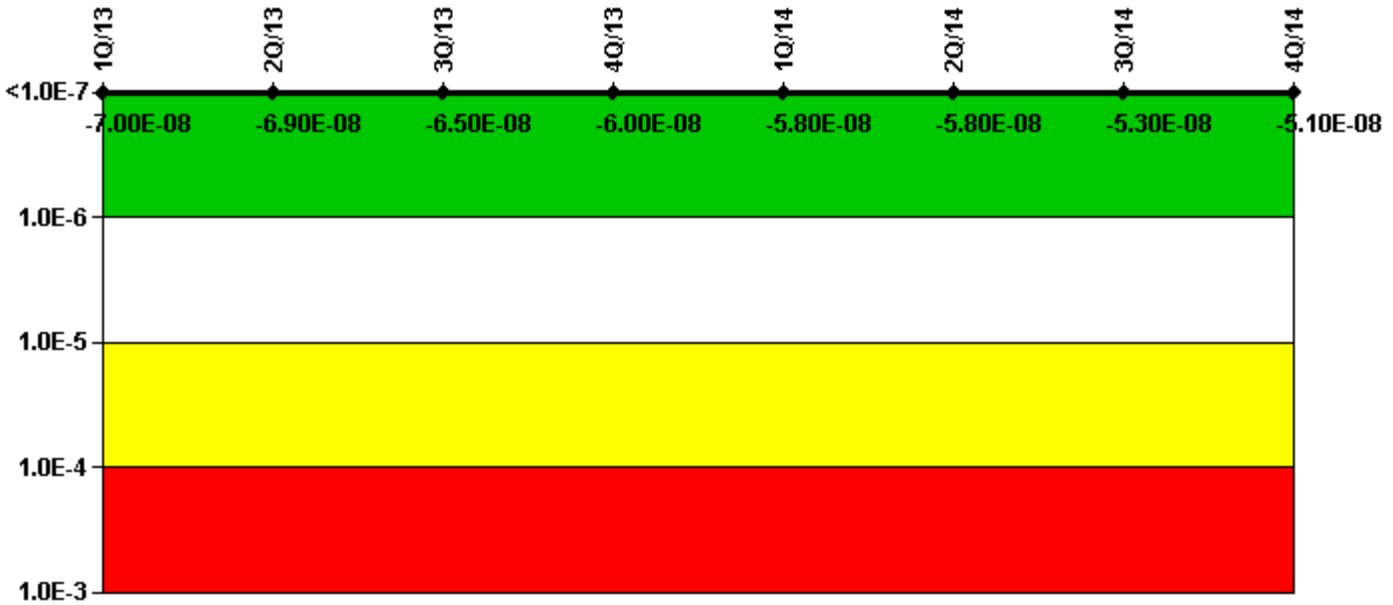
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
UAI (Δ CDF)	7.32E-09	6.40E-09	6.14E-09	8.73E-09	9.06E-09	9.67E-09	1.03E-08	1.04E-08
URI (Δ CDF)	-9.86E-09	-9.76E-09	-9.65E-09	-9.55E-09	-9.44E-09	-9.33E-09	-9.22E-09	-9.11E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.50E-09	-3.40E-09	-3.50E-09	-8.20E-10	-3.80E-10	3.40E-10	1.10E-09	1.30E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



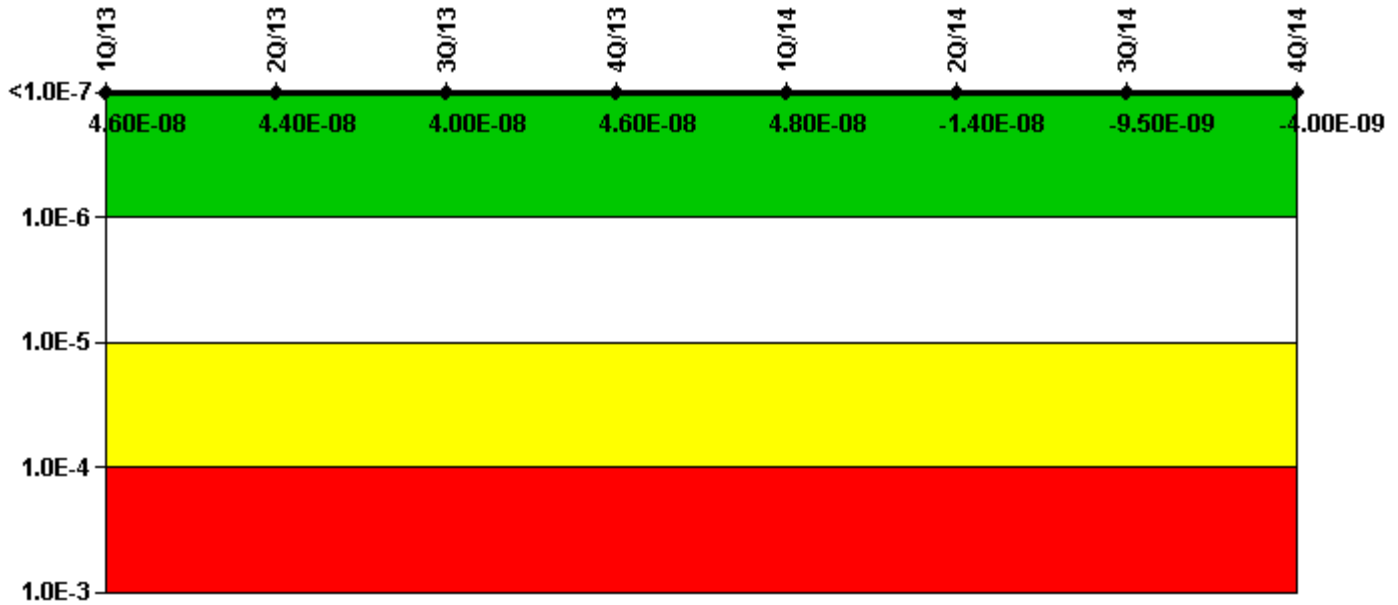
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
UAI (Δ CDF)	3.36E-10	1.40E-09	4.23E-09	8.44E-09	9.14E-09	9.49E-09	1.25E-08	1.25E-08
URI (Δ CDF)	-7.07E-08	-7.00E-08	-6.91E-08	-6.80E-08	-6.75E-08	-6.75E-08	-6.56E-08	-6.33E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-7.00E-08	-6.90E-08	-6.50E-08	-6.00E-08	-5.80E-08	-5.80E-08	-5.30E-08	-5.10E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



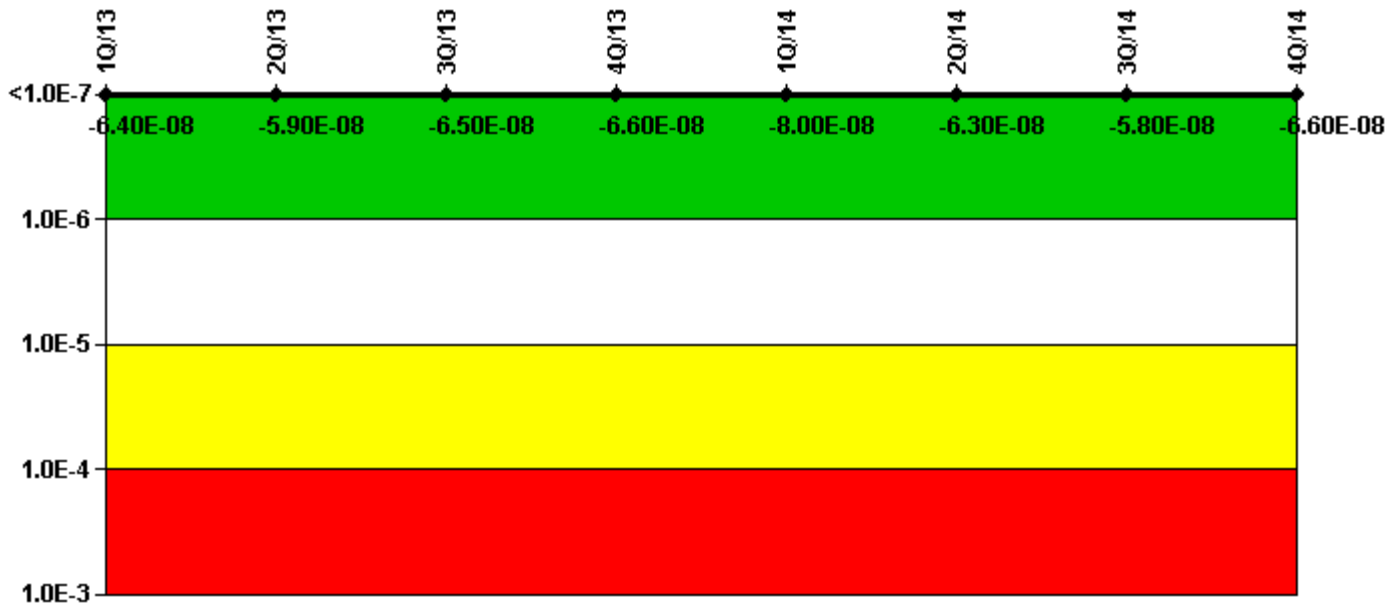
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
UAI (Δ CDF)	2.03E-08	1.81E-08	1.30E-08	1.83E-08	1.98E-08	1.55E-08	1.92E-08	2.42E-08
URI (Δ CDF)	2.55E-08	2.62E-08	2.68E-08	2.75E-08	2.81E-08	-2.93E-08	-2.88E-08	-2.82E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.60E-08	4.40E-08	4.00E-08	4.60E-08	4.80E-08	-1.40E-08	-9.50E-09	-4.00E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



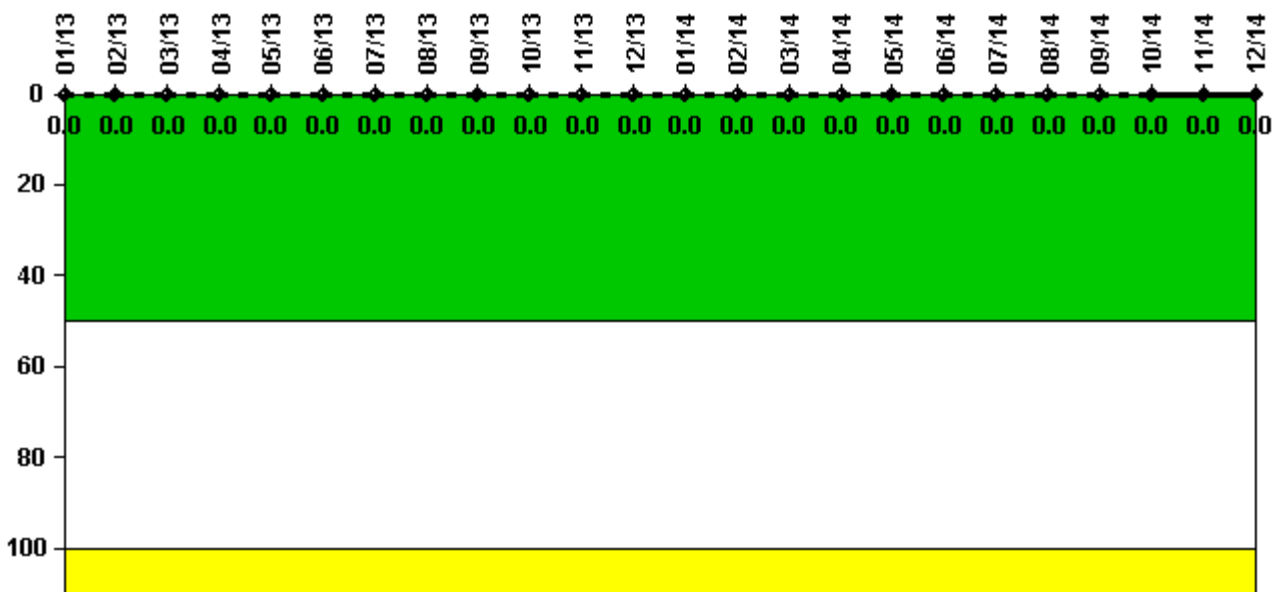
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
UAI (Δ CDF)	4.04E-08	4.60E-08	3.88E-08	3.73E-08	2.31E-08	4.04E-08	4.46E-08	3.64E-08
URI (Δ CDF)	-1.05E-07	-1.04E-07	-1.04E-07	-1.04E-07	-1.03E-07	-1.03E-07	-1.03E-07	-1.02E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.40E-08	-5.90E-08	-6.50E-08	-6.60E-08	-8.00E-08	-6.30E-08	-5.80E-08	-6.60E-08

Licensee Comments: none

Reactor Coolant System Activity



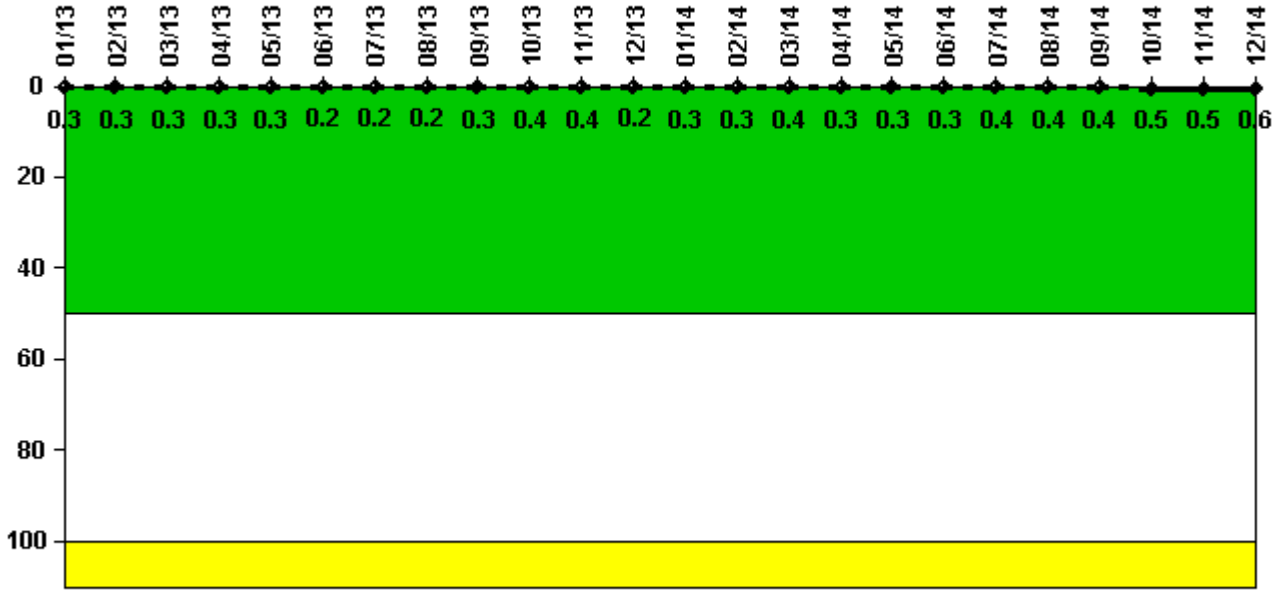
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/13	2/13	3/13	4/13	5/13	6/13	7/13	8/13	9/13	10/13	11/13	12/13
Maximum activity	0.000156	0.000186	0.000130	0.000111	0.000111	0.000118	0.000122	0.000125	0.000143	0.000136	0.000136	0.000085
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	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	0.000131	0.000105	0.000113	0.000330	0.000130	0.000139	0.000147	0.000131	0.000138	0.000138	0.000147	0.000155
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



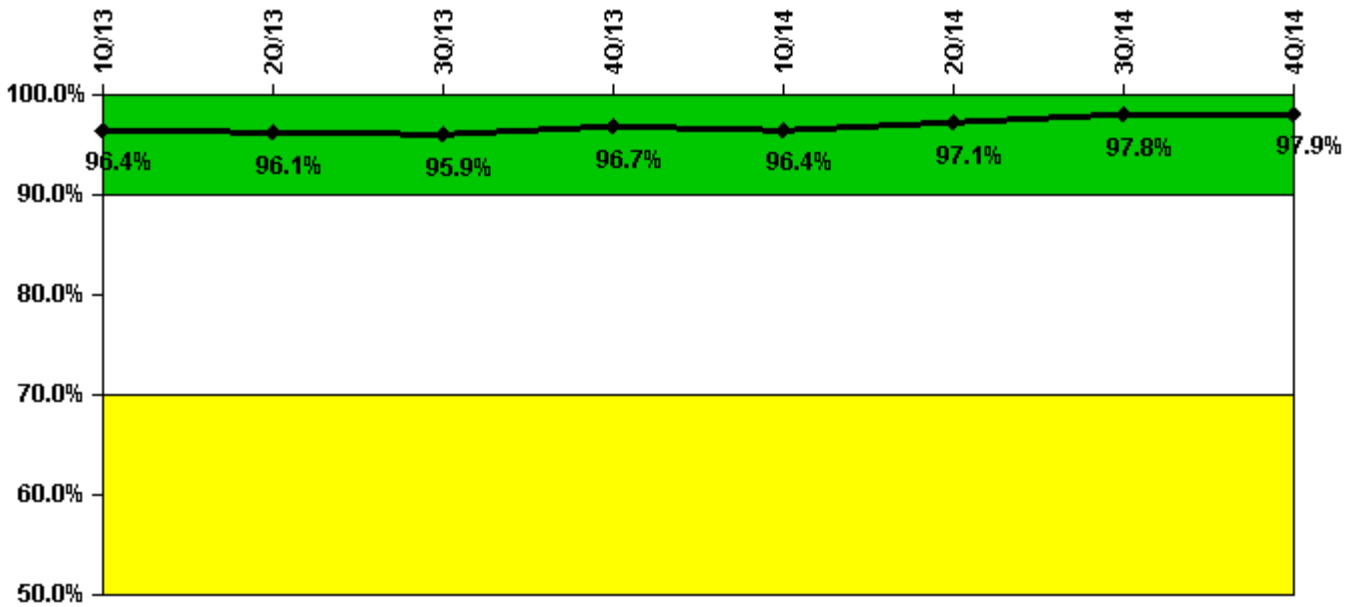
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/13	2/13	3/13	4/13	5/13	6/13	7/13	8/13	9/13	10/13	11/13	12/13
Maximum leakage	0.028	0.027	0.027	0.028	0.025	0.023	0.022	0.024	0.029	0.037	0.035	0.024
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.3	0.4	0.4	0.2
Reactor Coolant System Leakage	1/14	2/14	3/14	4/14	5/14	6/14	7/14	8/14	9/14	10/14	11/14	12/14
Maximum leakage	0.027	0.028	0.037	0.029	0.029	0.030	0.035	0.036	0.042	0.051	0.054	0.055
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.3	0.4	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.6

Licensee Comments: none

Drill/Exercise Performance



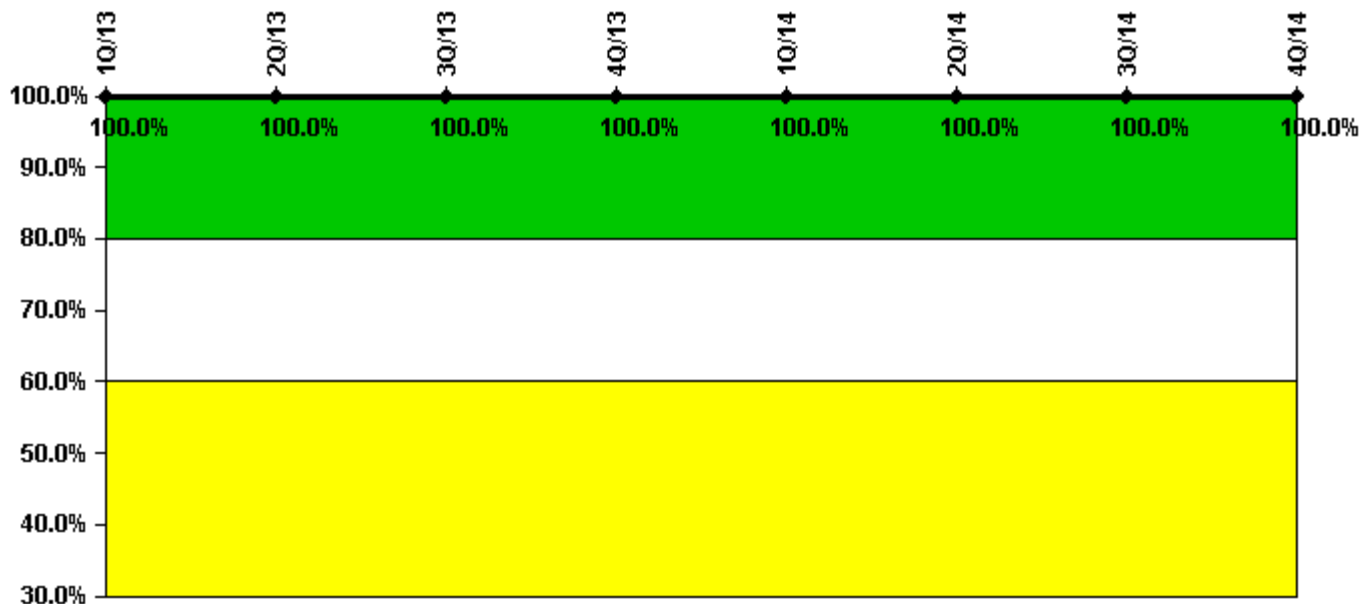
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Successful opportunities	45.0	9.0	13.0	22.0	40.0	44.0	31.0	28.0
Total opportunities	46.0	10.0	14.0	22.0	41.0	44.0	32.0	28.0
Indicator value	96.4%	96.1%	95.9%	96.7%	96.4%	97.1%	97.8%	97.9%

Licensee Comments: none

ERO Drill Participation



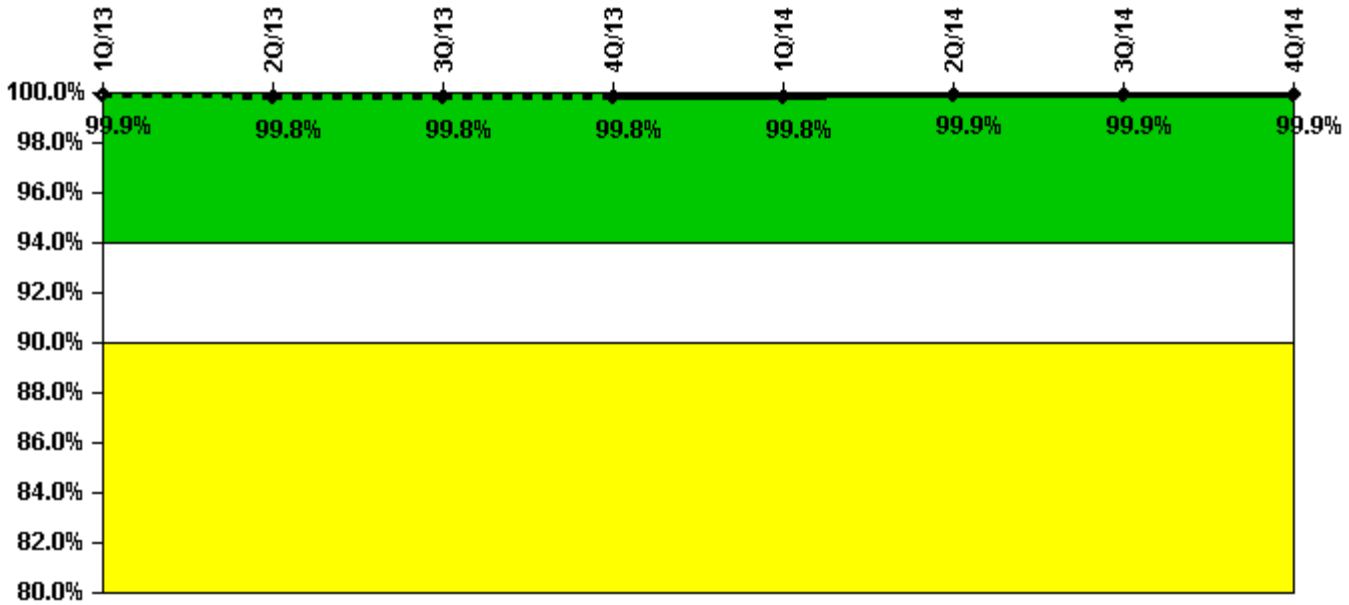
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Participating Key personnel	50.0	50.0	49.0	54.0	44.0	49.0	50.0	54.0
Total Key personnel	50.0	50.0	49.0	54.0	44.0	49.0	50.0	54.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



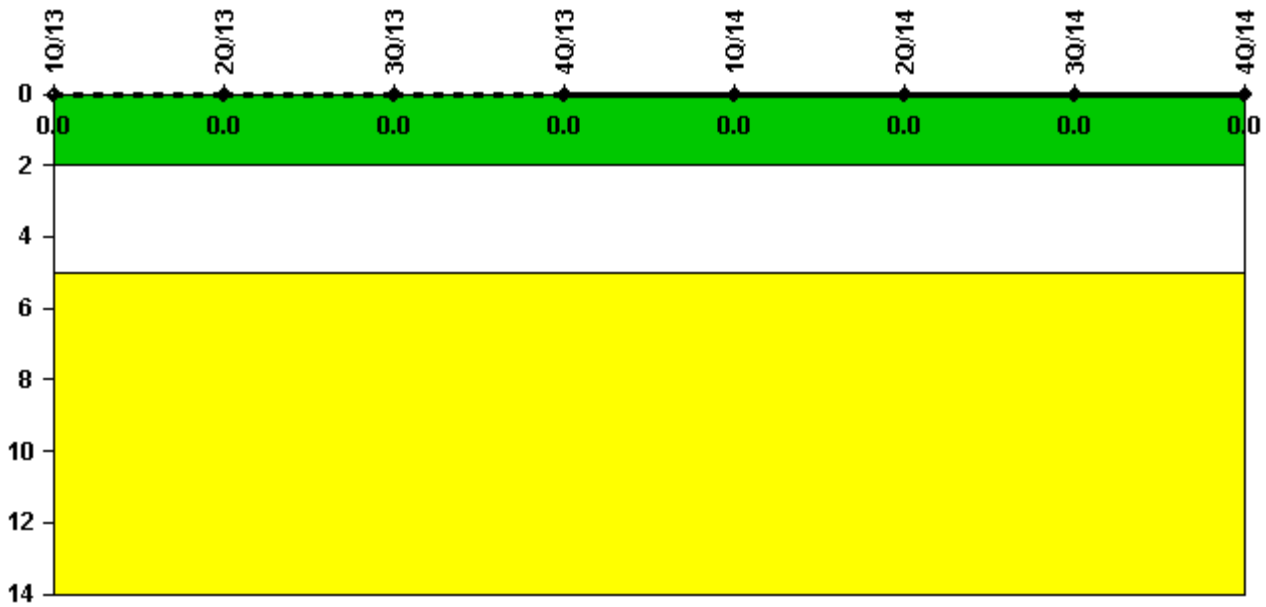
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Successful siren-tests	664	579	746	663	581	580	746	664
Total sirens-tests	664	581	747	664	581	581	747	664
Indicator value	99.9%	99.8%	99.8%	99.8%	99.8%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



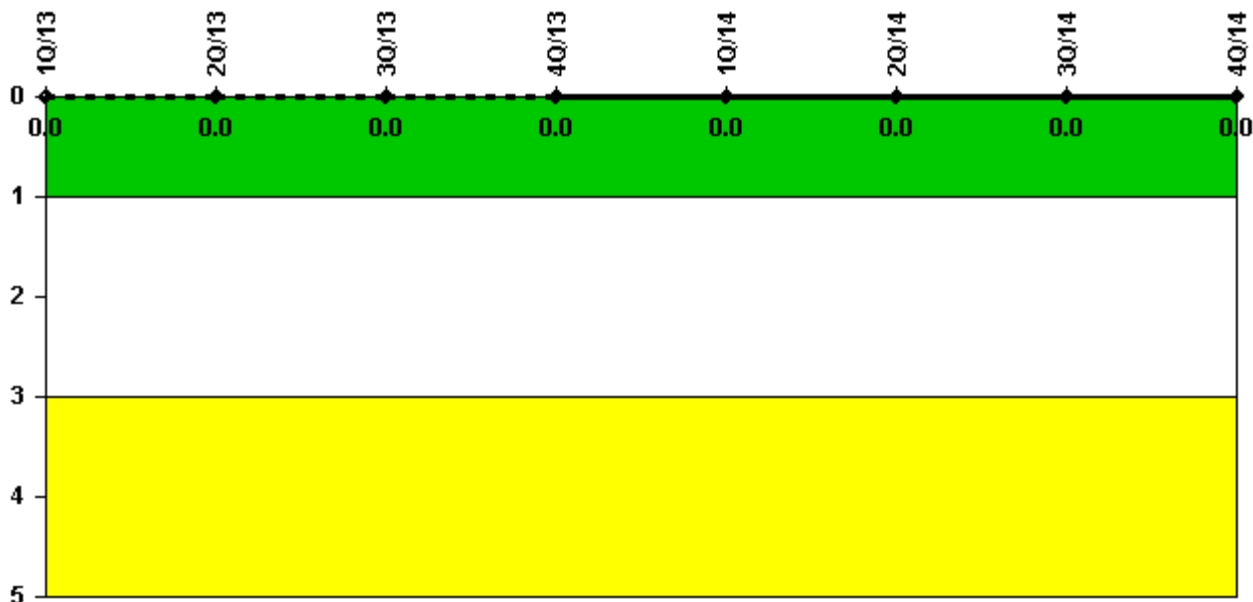
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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	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/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	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: February 3, 2015

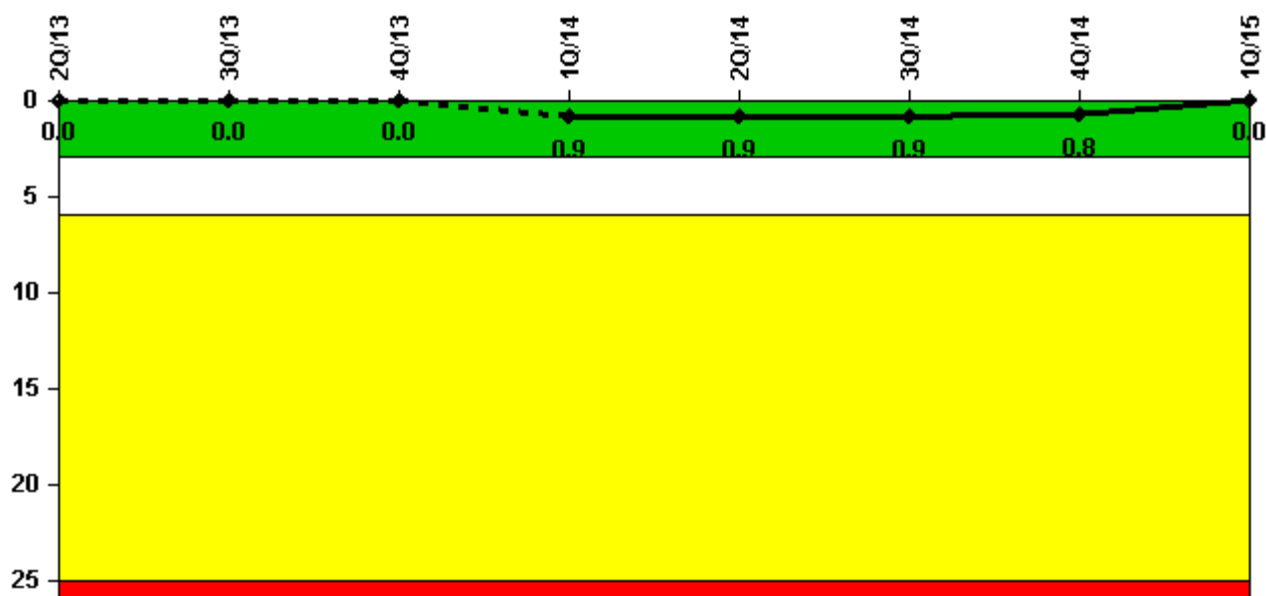
Harris 1

1Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



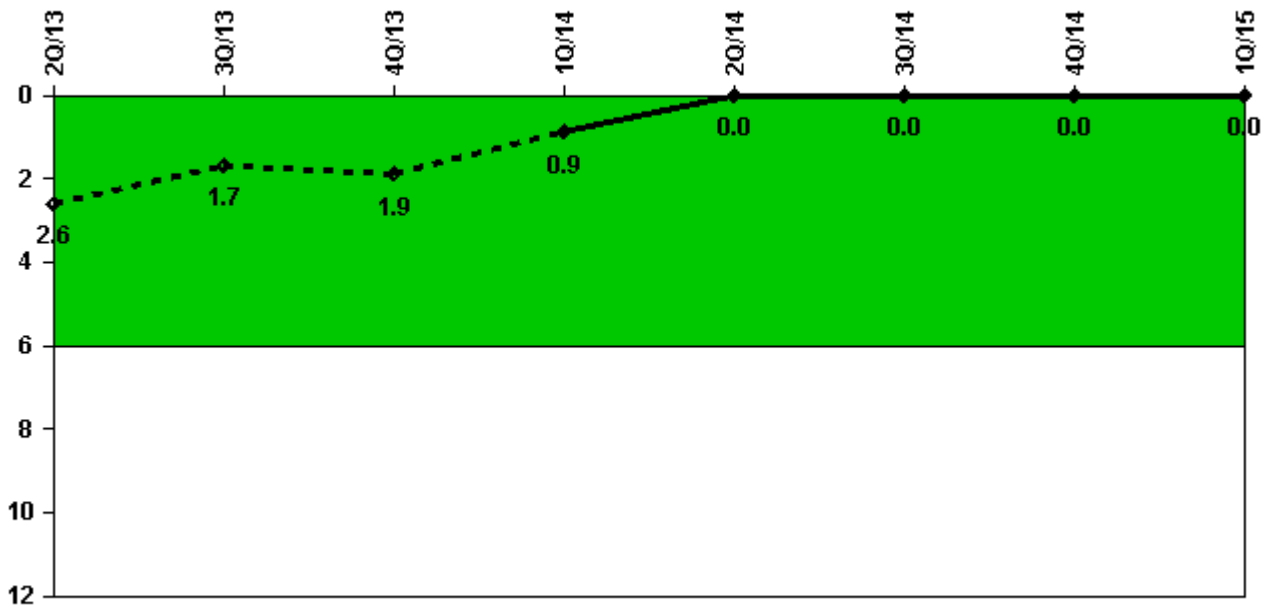
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Unplanned scrams	0	0	0	1.0	0	0	0	0
Critical hours	1656.8	2208.0	1454.1	2072.6	2050.3	2208.0	2209.0	2159.0
Indicator value	0	0	0	0.9	0.9	0.9	0.8	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



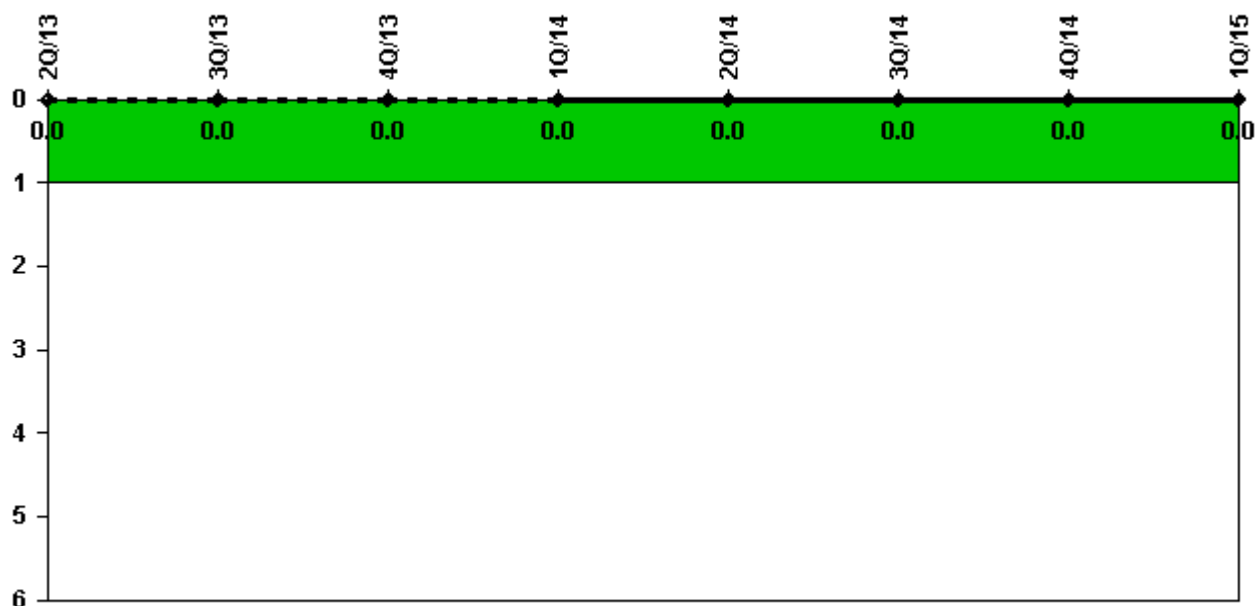
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Unplanned power changes	1.0	0	0	0	0	0	0	0
Critical hours	1656.8	2208.0	1454.1	2072.6	2050.3	2208.0	2209.0	2159.0
Indicator value	2.6	1.7	1.9	0.9	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



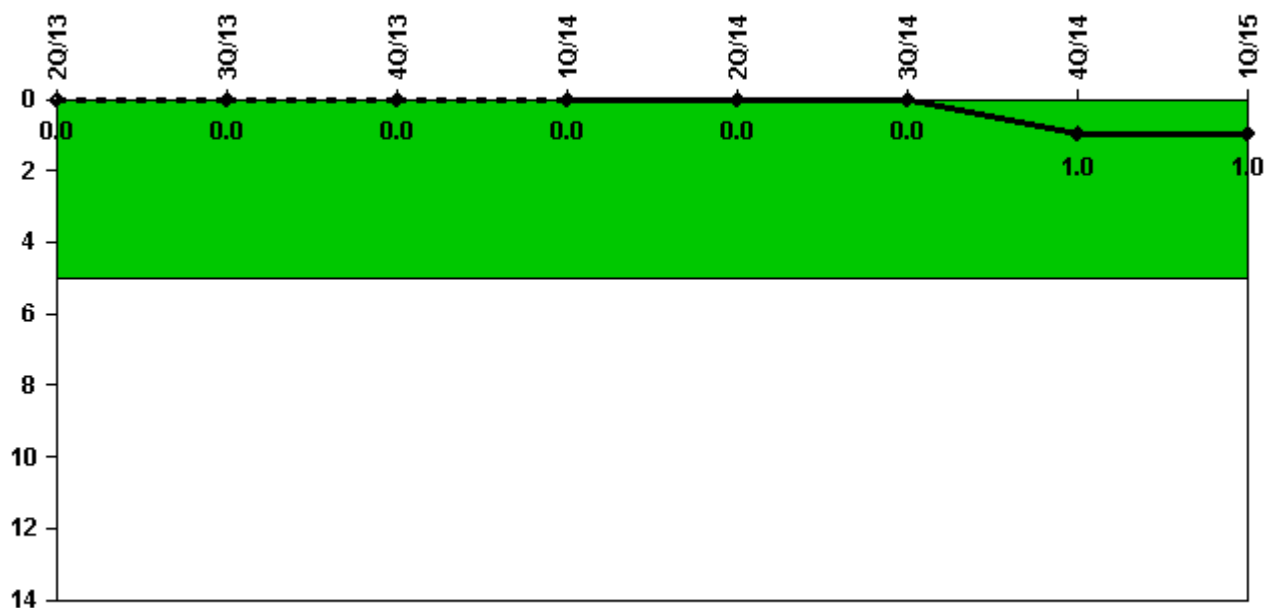
Thresholds: White > 1.0

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	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



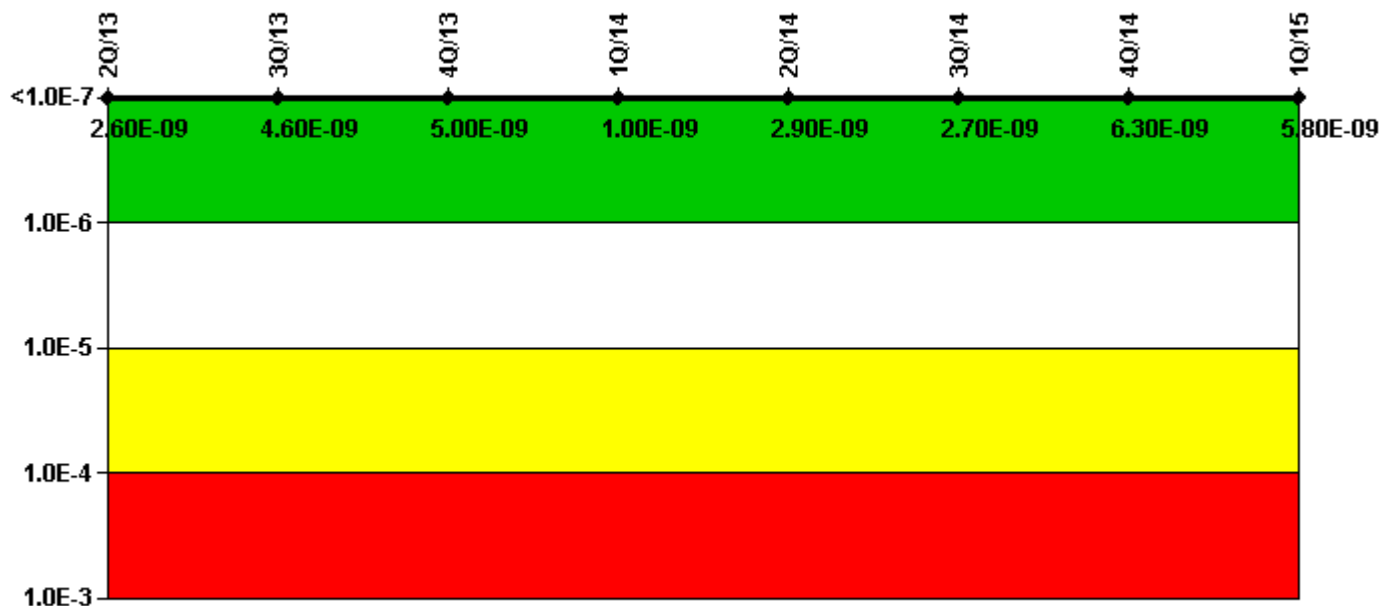
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Safety System Functional Failures	0	0	0	0	0	0	1	0
Indicator value	0	0	0	0	0	0	1	1

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



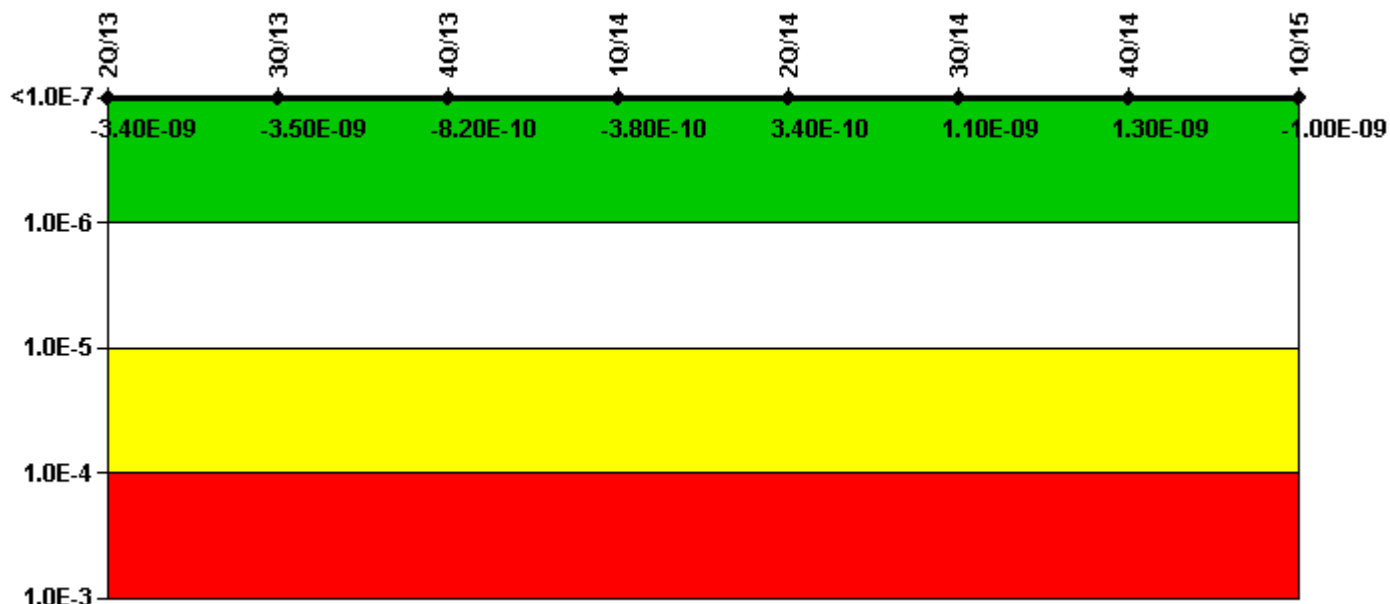
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
UAI (Δ CDF)	1.21E-08	1.37E-08	1.37E-08	1.08E-08	1.22E-08	1.17E-08	1.48E-08	1.44E-08
URI (Δ CDF)	-9.46E-09	-9.08E-09	-8.68E-09	-9.73E-09	-9.34E-09	-8.93E-09	-8.51E-09	-8.51E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.60E-09	4.60E-09	5.00E-09	1.00E-09	2.90E-09	2.70E-09	6.30E-09	5.80E-09

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



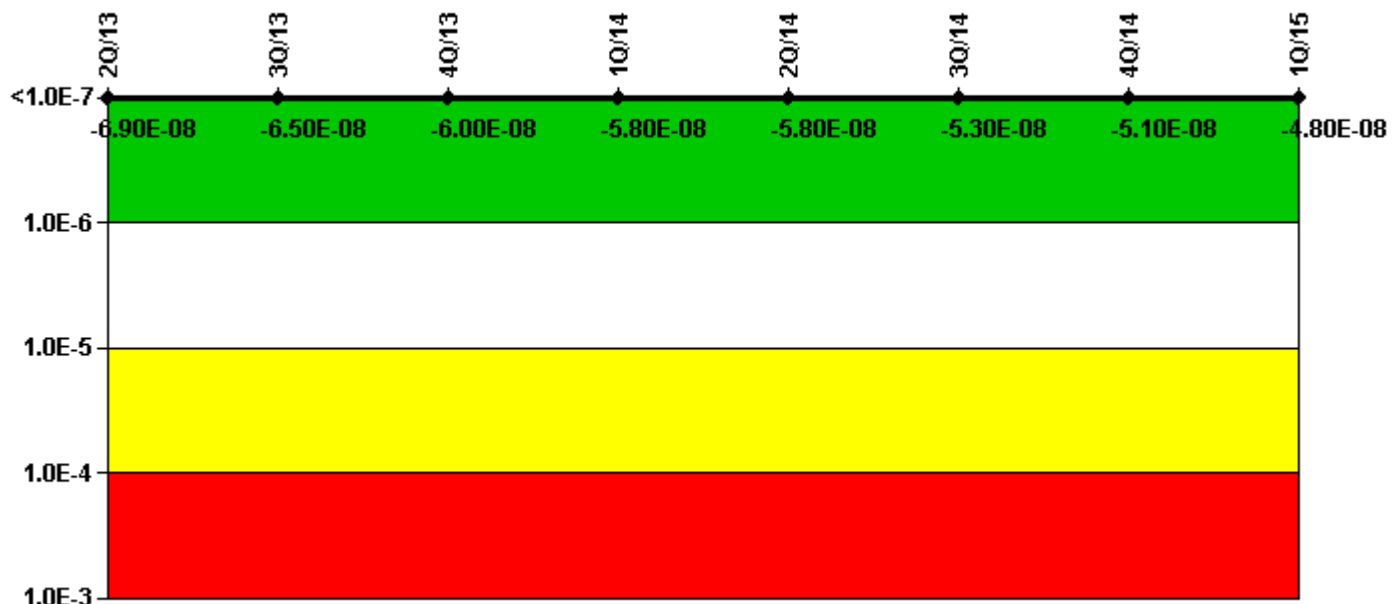
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
UAI (ΔCDF)	6.40E-09	6.14E-09	8.73E-09	9.06E-09	9.67E-09	1.03E-08	1.04E-08	8.11E-09
URI (ΔCDF)	-9.76E-09	-9.65E-09	-9.55E-09	-9.44E-09	-9.33E-09	-9.22E-09	-9.11E-09	-9.11E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.40E-09	-3.50E-09	-8.20E-10	-3.80E-10	3.40E-10	1.10E-09	1.30E-09	-1.00E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



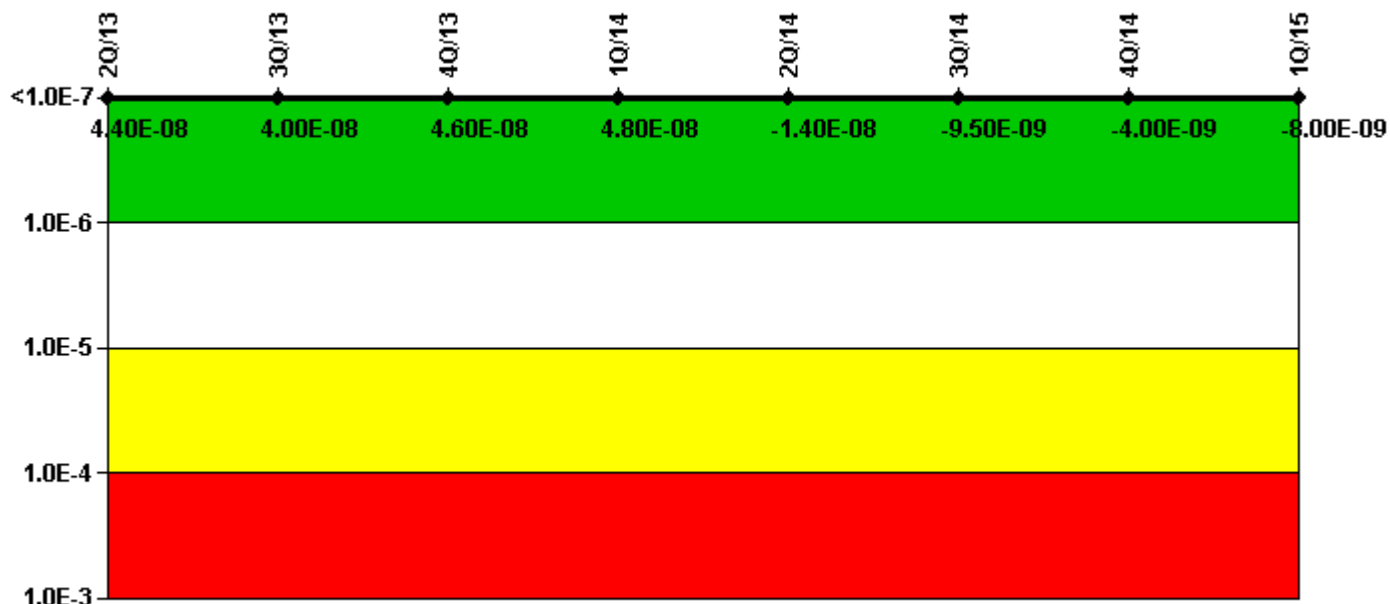
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
UAI (Δ CDF)	1.40E-09	4.23E-09	8.44E-09	9.14E-09	9.49E-09	1.25E-08	1.25E-08	1.51E-08
URI (Δ CDF)	-7.00E-08	-6.91E-08	-6.80E-08	-6.75E-08	-6.75E-08	-6.56E-08	-6.33E-08	-6.33E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.90E-08	-6.50E-08	-6.00E-08	-5.80E-08	-5.80E-08	-5.30E-08	-5.10E-08	-4.80E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



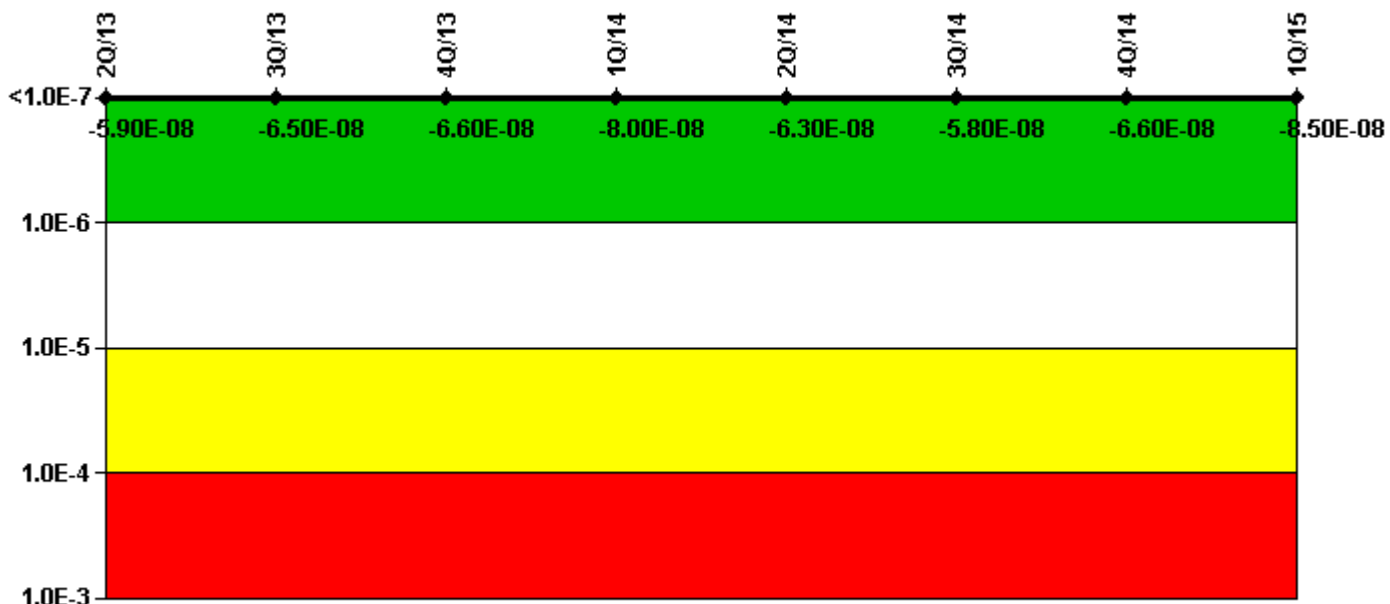
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
UAI (Δ CDF)	1.81E-08	1.30E-08	1.83E-08	1.98E-08	1.55E-08	1.92E-08	2.42E-08	2.02E-08
URI (Δ CDF)	2.62E-08	2.68E-08	2.75E-08	2.81E-08	-2.93E-08	-2.88E-08	-2.82E-08	-2.82E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.40E-08	4.00E-08	4.60E-08	4.80E-08	-1.40E-08	-9.50E-09	-4.00E-09	-8.00E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



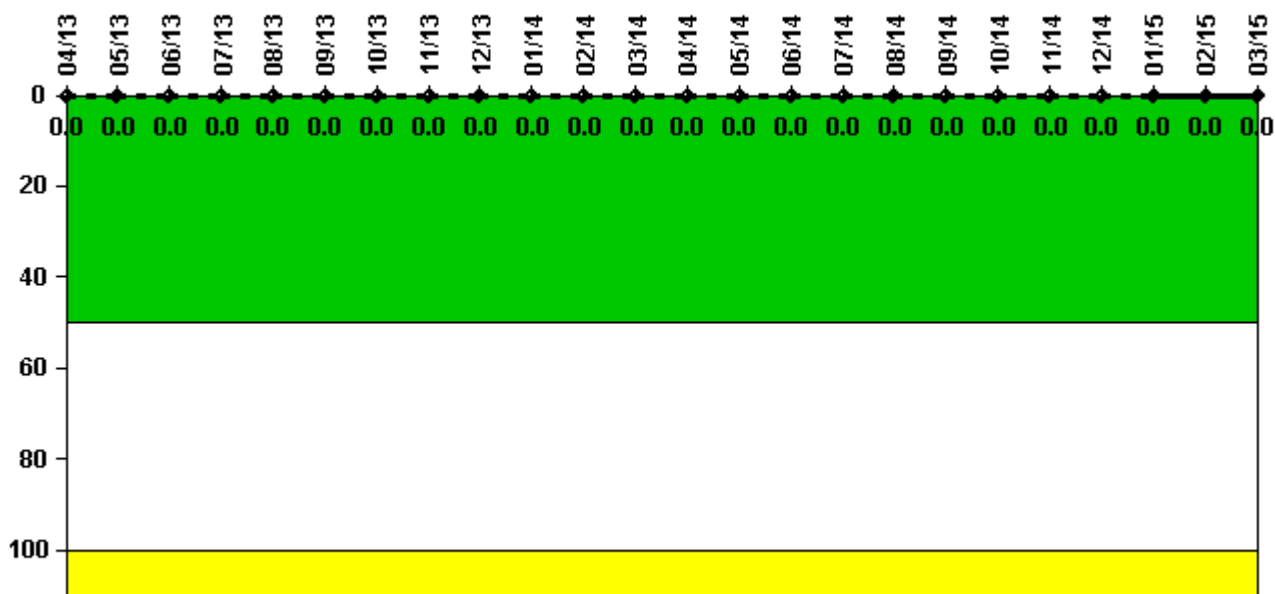
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
UAI (Δ CDF)	4.60E-08	3.88E-08	3.73E-08	2.31E-08	4.04E-08	4.46E-08	3.64E-08	1.73E-08
URI (Δ CDF)	-1.04E-07	-1.04E-07	-1.04E-07	-1.03E-07	-1.03E-07	-1.03E-07	-1.02E-07	-1.02E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.90E-08	-6.50E-08	-6.60E-08	-8.00E-08	-6.30E-08	-5.80E-08	-6.60E-08	-8.50E-08

Licensee Comments: none

Reactor Coolant System Activity



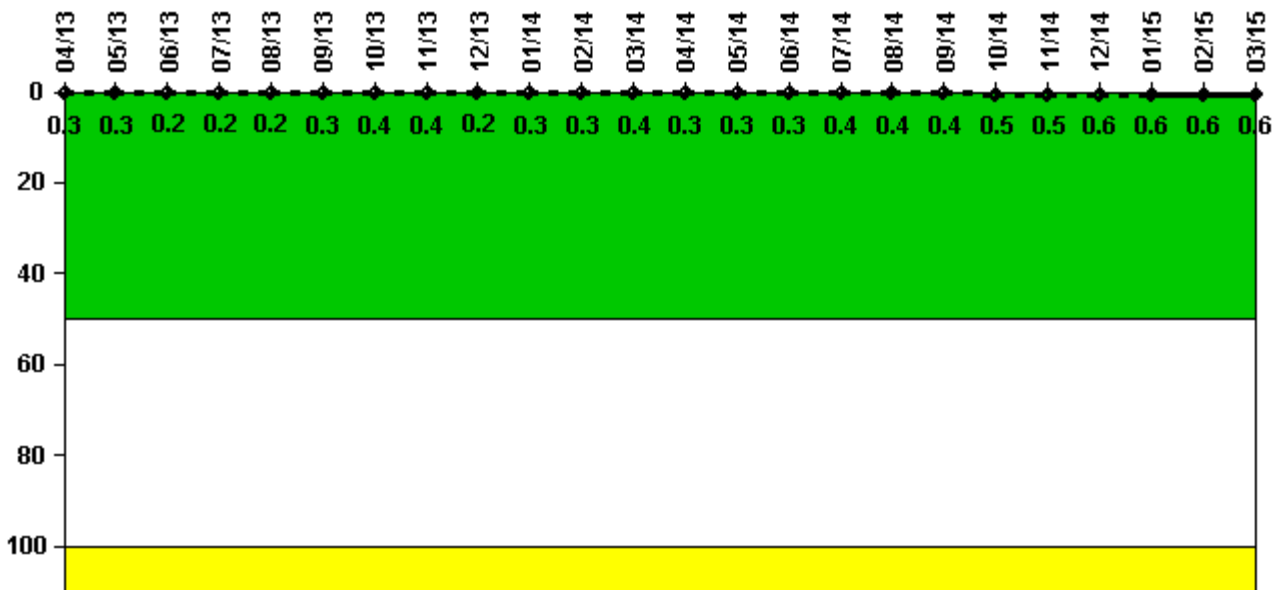
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	4/13	5/13	6/13	7/13	8/13	9/13	10/13	11/13	12/13	1/14	2/14	3/14
Maximum activity	0.000111	0.000111	0.000118	0.000122	0.000125	0.000143	0.000136	0.000136	0.000085	0.000131	0.000105	0.000113
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	4/14	5/14	6/14	7/14	8/14	9/14	10/14	11/14	12/14	1/15	2/15	3/15
Maximum activity	0.000330	0.000130	0.000139	0.000147	0.000131	0.000138	0.000138	0.000147	0.000155	0.000153	0.000160	0.000162
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

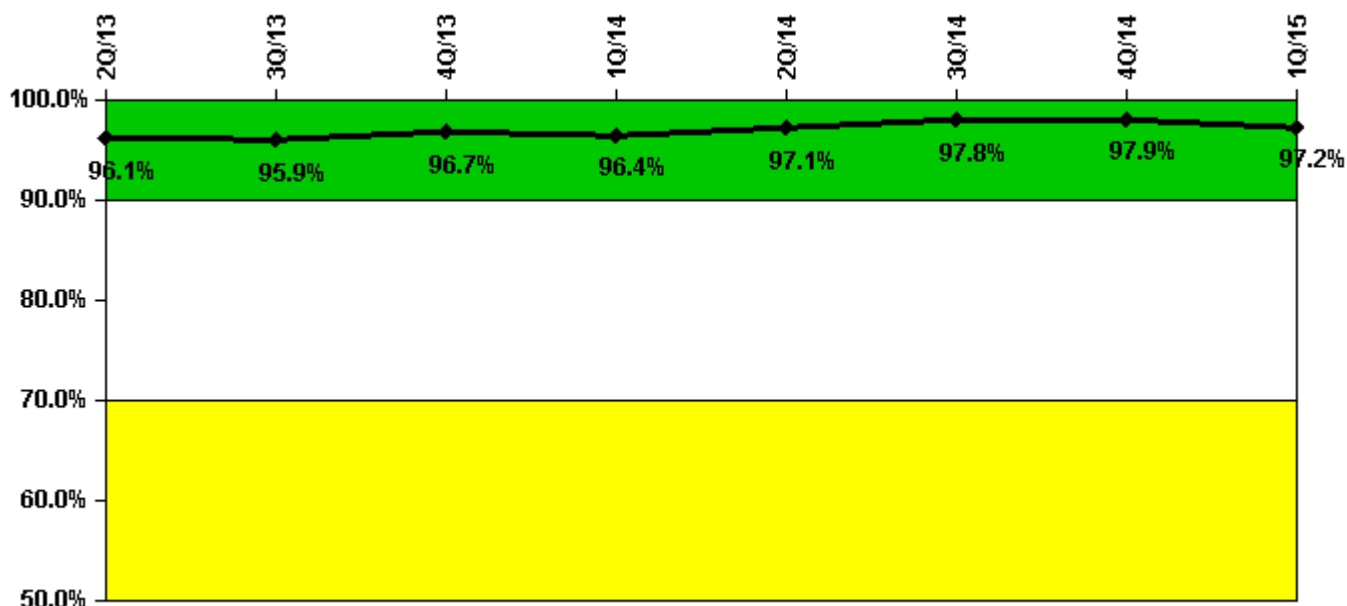
Notes

Reactor Coolant System Leakage	4/13	5/13	6/13	7/13	8/13	9/13	10/13	11/13	12/13	1/14	2/14	3/14
Maximum leakage	0.028	0.025	0.023	0.022	0.024	0.029	0.037	0.035	0.024	0.027	0.028	0.037
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.3	0.2	0.2	0.2	0.3	0.4	0.4	0.2	0.3	0.3	0.4

Reactor Coolant System Leakage	4/14	5/14	6/14	7/14	8/14	9/14	10/14	11/14	12/14	1/15	2/15	3/15
Maximum leakage	0.029	0.029	0.030	0.035	0.036	0.042	0.051	0.054	0.055	0.058	0.056	0.055
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.6	0.6

Licensee Comments: none

Drill/Exercise Performance



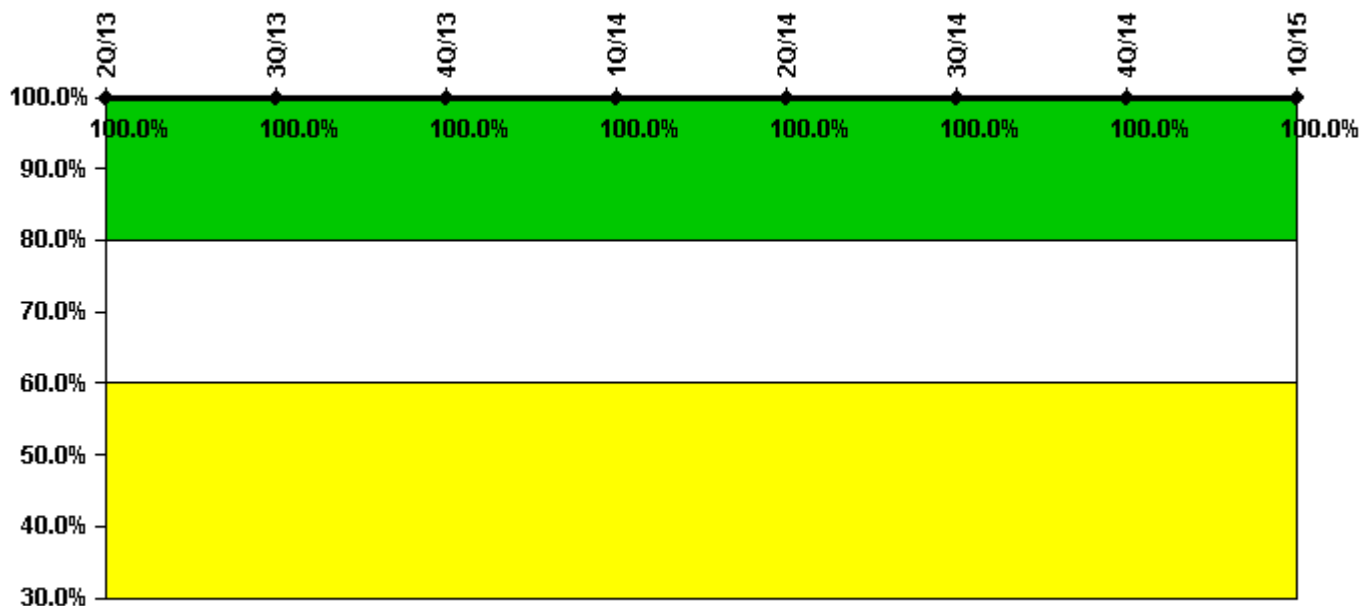
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Successful opportunities	9.0	13.0	22.0	40.0	44.0	31.0	28.0	24.0
Total opportunities	10.0	14.0	22.0	41.0	44.0	32.0	28.0	26.0
Indicator value	96.1%	95.9%	96.7%	96.4%	97.1%	97.8%	97.9%	97.2%

Licensee Comments: none

ERO Drill Participation



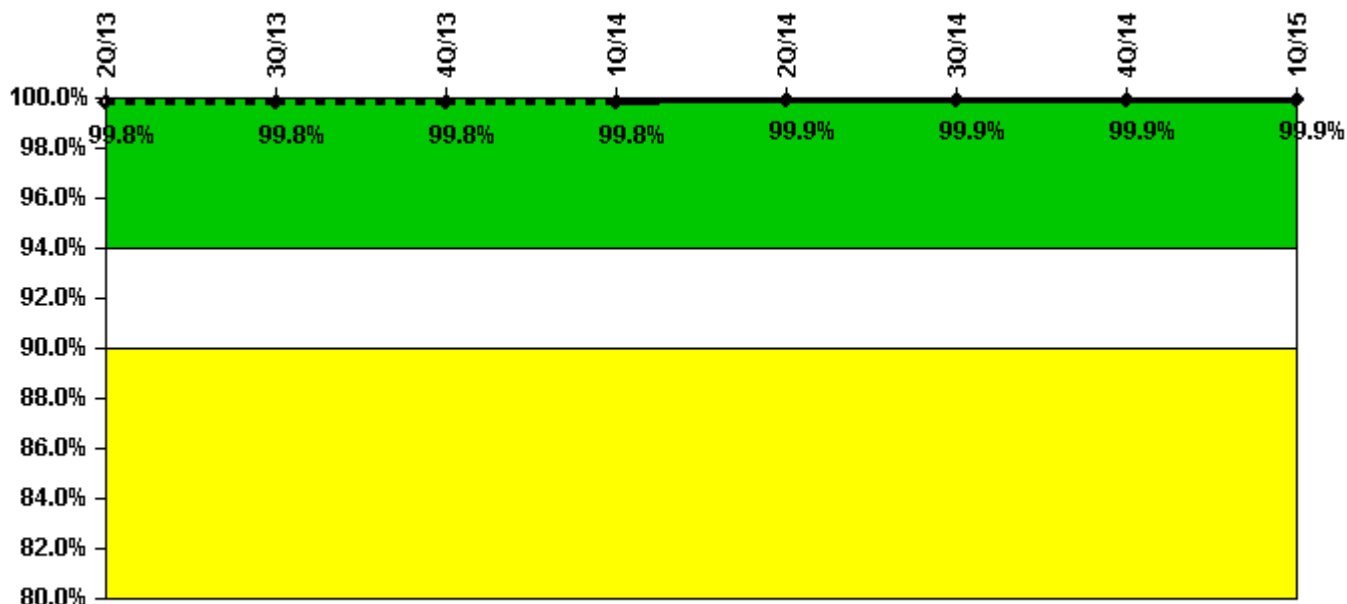
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Participating Key personnel	50.0	49.0	54.0	44.0	49.0	50.0	54.0	55.0
Total Key personnel	50.0	49.0	54.0	44.0	49.0	50.0	54.0	55.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



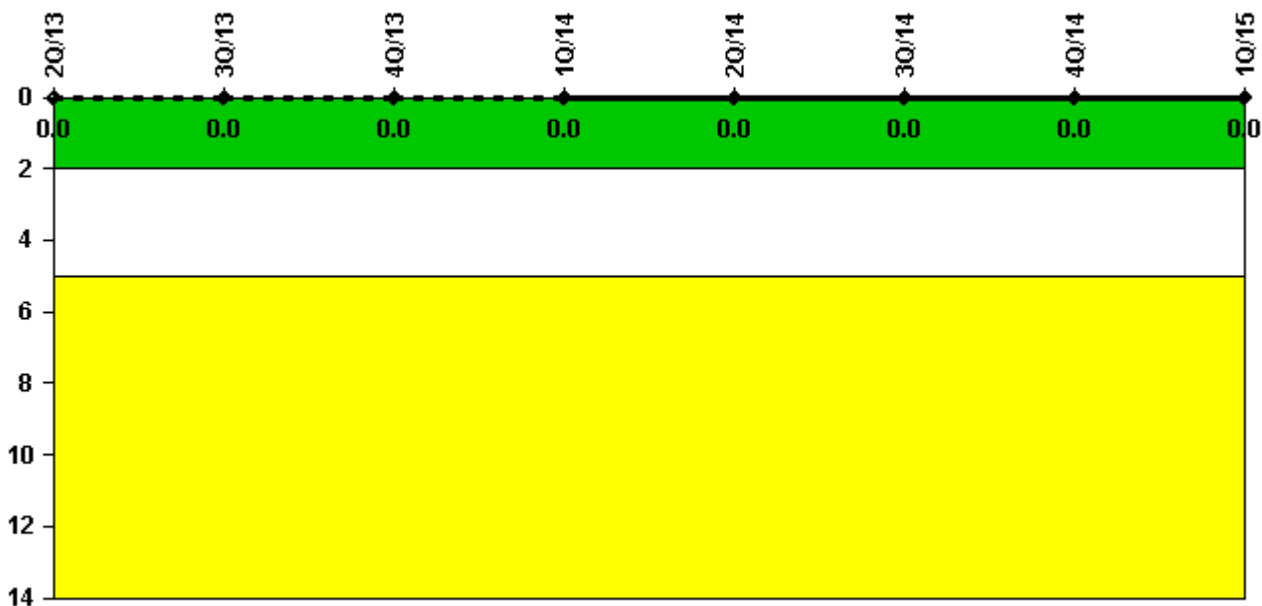
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Successful siren-tests	579	746	663	581	580	746	664	581
Total sirens-tests	581	747	664	581	581	747	664	581
Indicator value	99.8%	99.8%	99.8%	99.8%	99.9%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



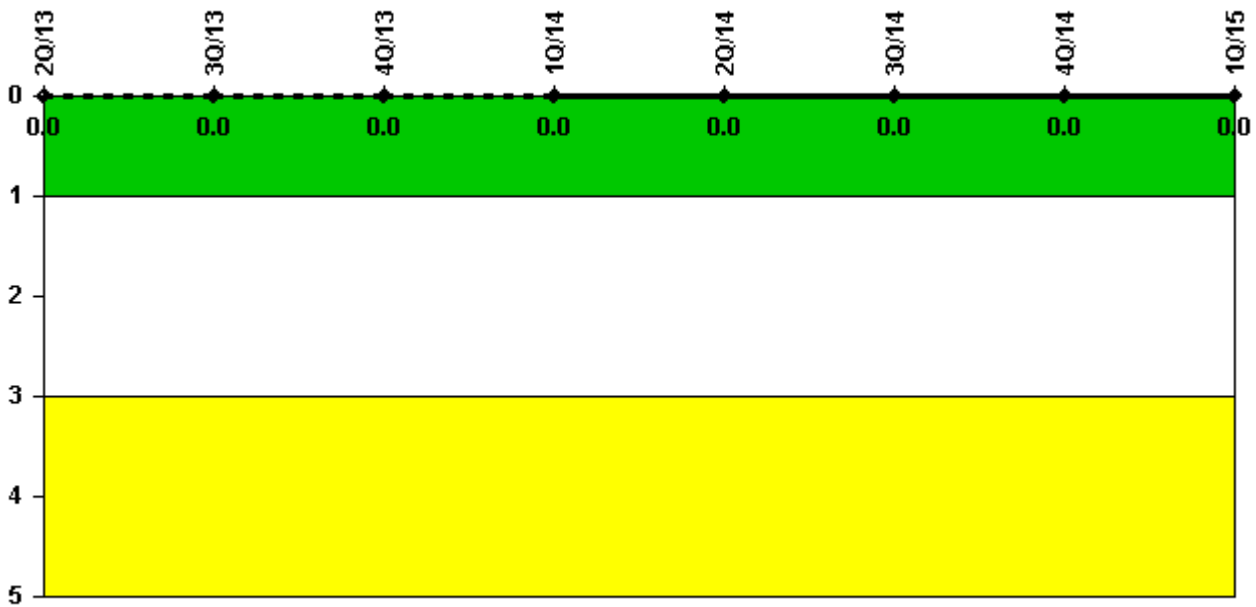
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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	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/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

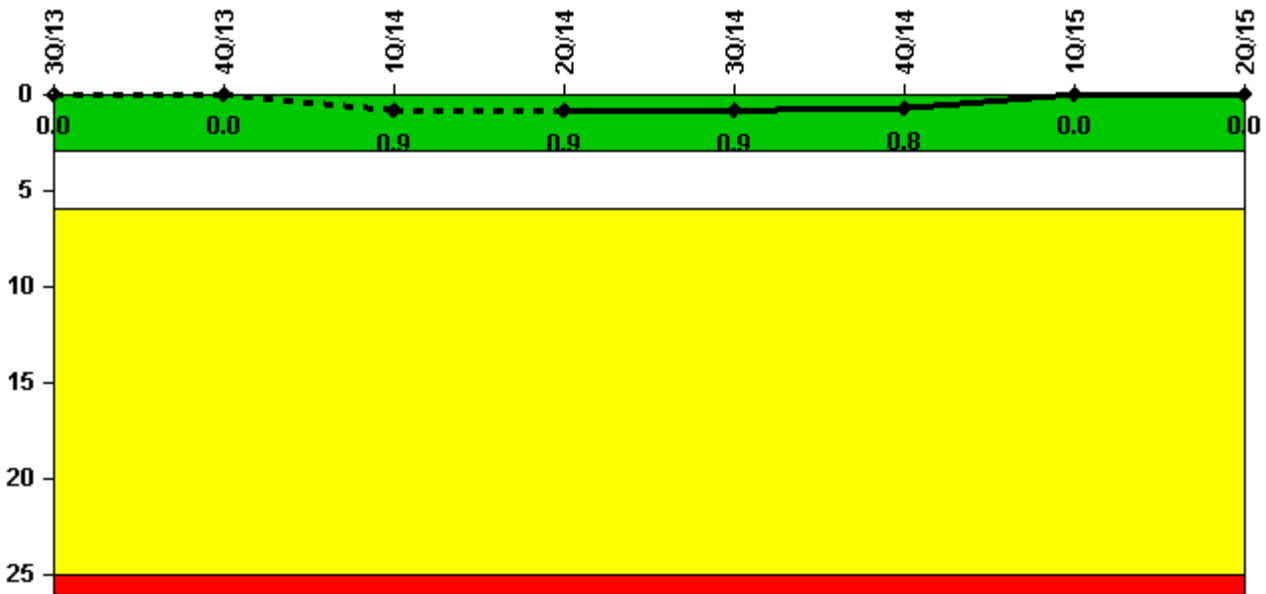
Harris 1

2Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



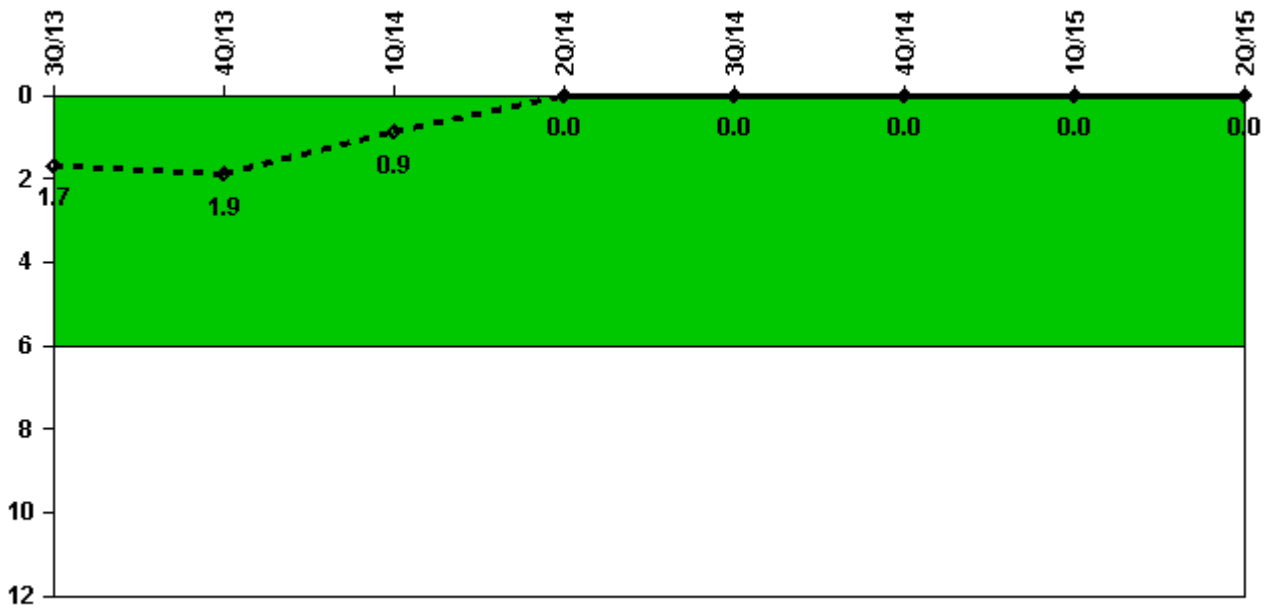
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Unplanned scrams	0	0	1.0	0	0	0	0	0
Critical hours	2208.0	1454.1	2072.6	2050.3	2208.0	2209.0	2159.0	1166.2
Indicator value	0	0	0.9	0.9	0.9	0.8	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



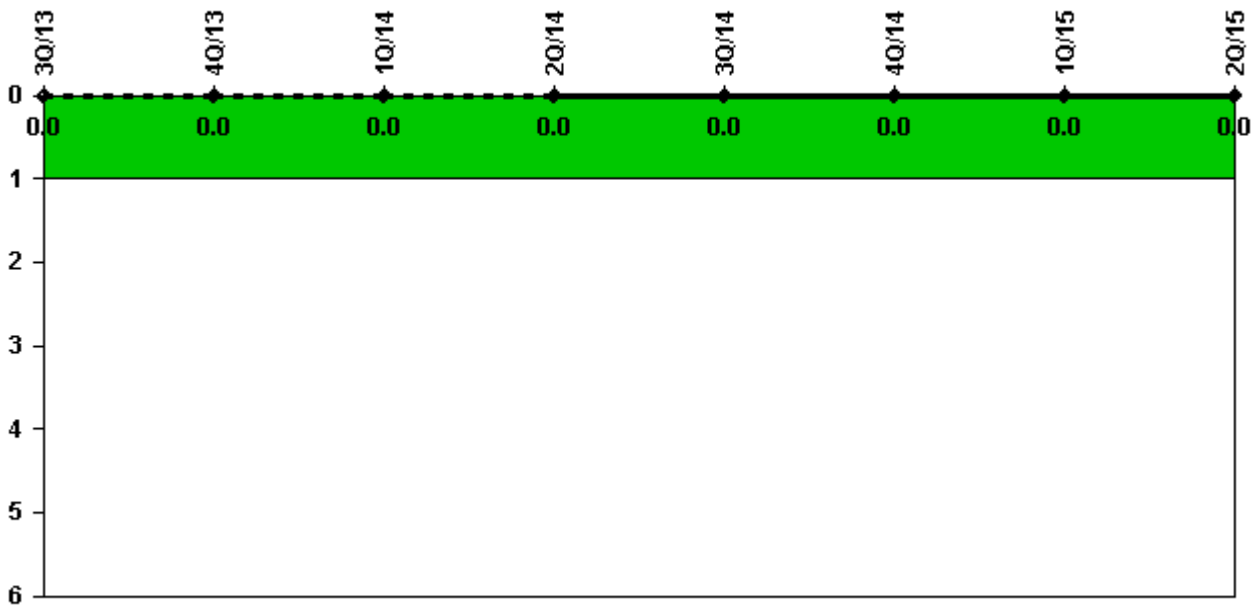
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2208.0	1454.1	2072.6	2050.3	2208.0	2209.0	2159.0	1166.2
Indicator value	1.7	1.9	0.9	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



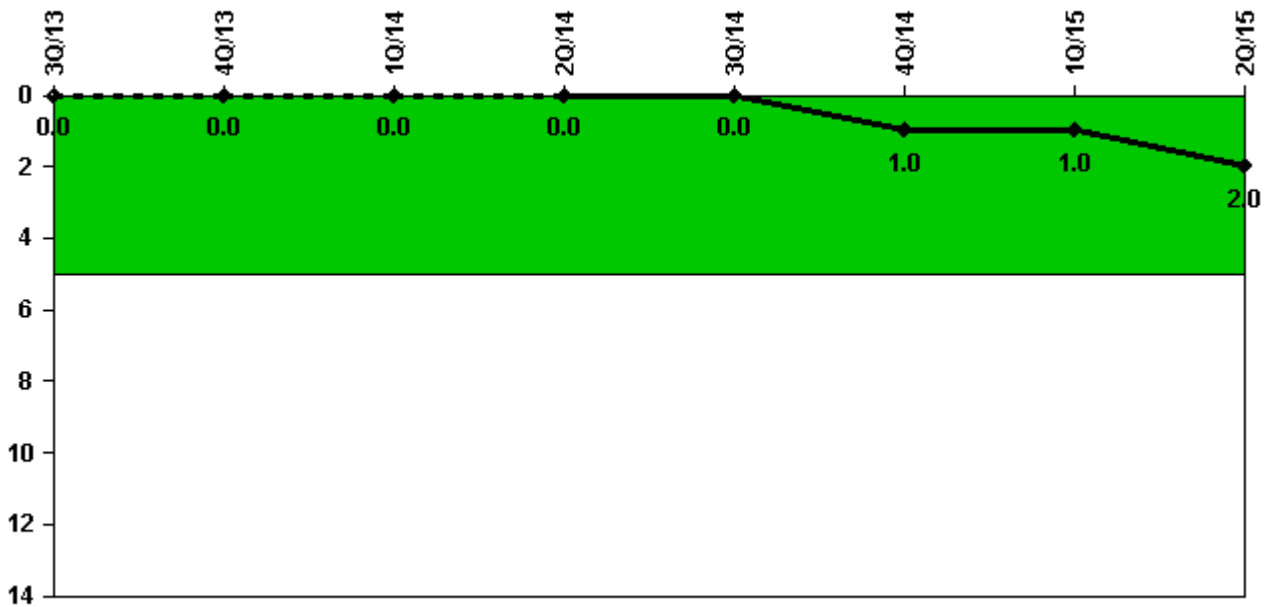
Thresholds: White > 1.0

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	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

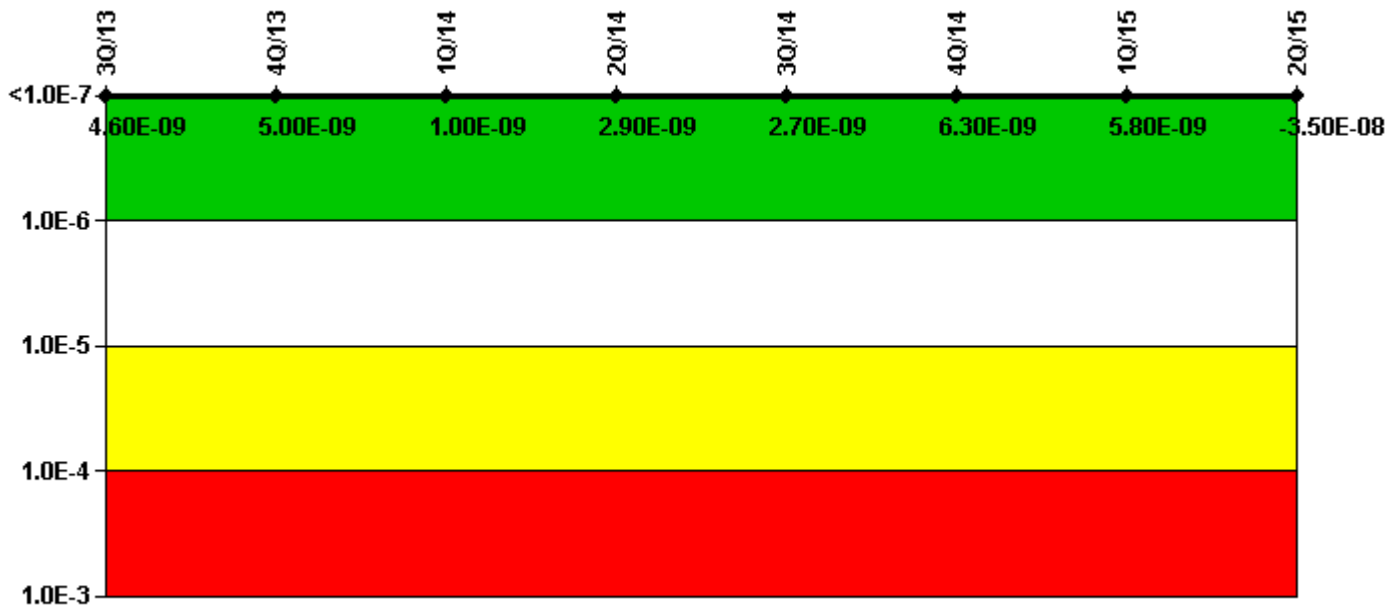
Notes

Safety System Functional Failures (PWR)	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Safety System Functional Failures	0	0	0	0	0	1	0	1
Indicator value	0	0	0	0	0	1	1	2

Licensee Comments:

2Q/15: There was one Licensee Event Report submitted in June 2015 which involved a safety system functional failure. LER No. 2015-002-00

Mitigating Systems Performance Index, Emergency AC Power System



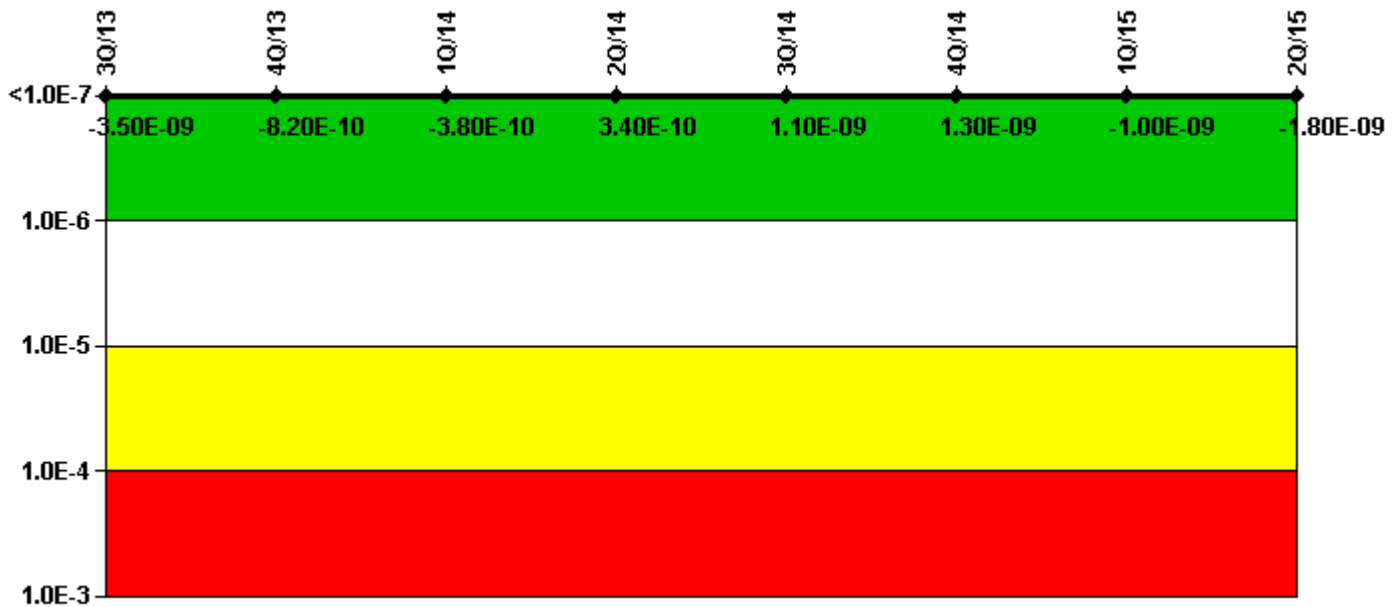
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
UAI (Δ CDF)	1.37E-08	1.37E-08	1.08E-08	1.22E-08	1.17E-08	1.48E-08	1.44E-08	1.44E-08
URI (Δ CDF)	-9.08E-09	-8.68E-09	-9.73E-09	-9.34E-09	-8.93E-09	-8.51E-09	-8.51E-09	-4.96E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.60E-09	5.00E-09	1.00E-09	2.90E-09	2.70E-09	6.30E-09	5.80E-09	-3.50E-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/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
UAI (Δ CDF)	6.14E-09	8.73E-09	9.06E-09	9.67E-09	1.03E-08	1.04E-08	8.11E-09	7.32E-09
URI (Δ CDF)	-9.65E-09	-9.55E-09	-9.44E-09	-9.33E-09	-9.22E-09	-9.11E-09	-9.11E-09	-9.11E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.50E-09	-8.20E-10	-3.80E-10	3.40E-10	1.10E-09	1.30E-09	-1.00E-09	-1.80E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



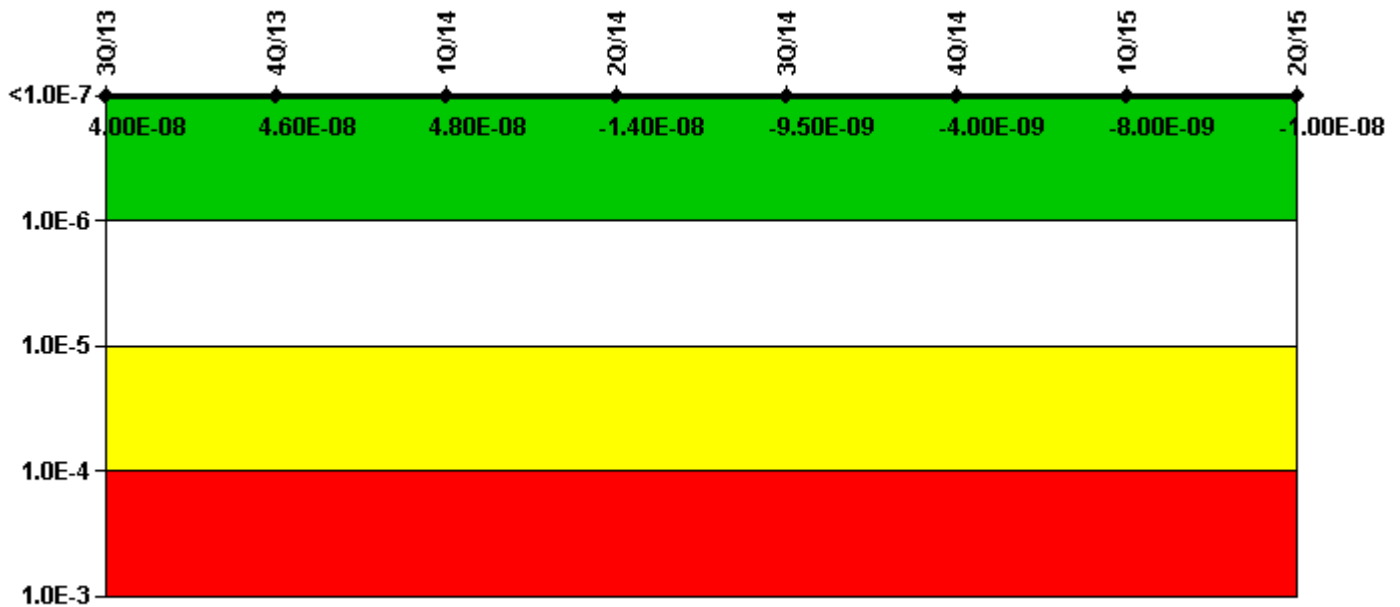
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
UAI (Δ CDF)	4.23E-09	8.44E-09	9.14E-09	9.49E-09	1.25E-08	1.25E-08	1.51E-08	1.52E-08
URI (Δ CDF)	-6.91E-08	-6.80E-08	-6.75E-08	-6.75E-08	-6.56E-08	-6.33E-08	-6.33E-08	-6.33E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.50E-08	-6.00E-08	-5.80E-08	-5.80E-08	-5.30E-08	-5.10E-08	-4.80E-08	-4.80E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



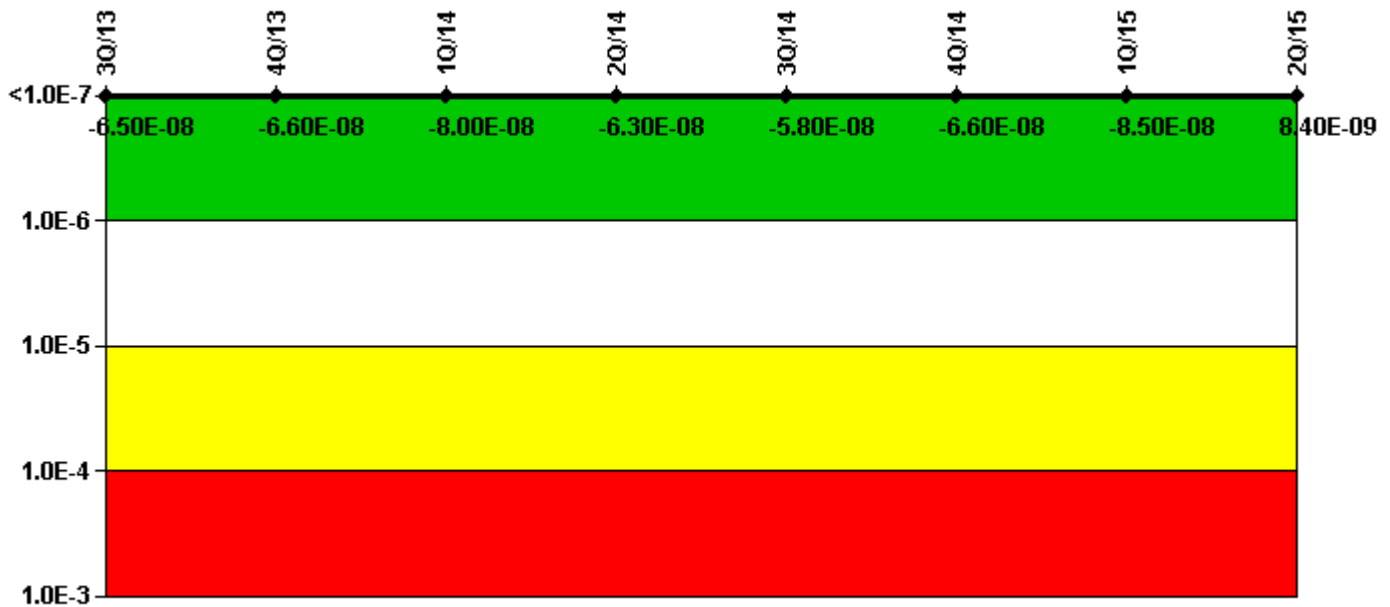
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
UAI (ΔCDF)	1.30E-08	1.83E-08	1.98E-08	1.55E-08	1.92E-08	2.42E-08	2.02E-08	1.82E-08
URI (ΔCDF)	2.68E-08	2.75E-08	2.81E-08	-2.93E-08	-2.88E-08	-2.82E-08	-2.82E-08	-2.82E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.00E-08	4.60E-08	4.80E-08	-1.40E-08	-9.50E-09	-4.00E-09	-8.00E-09	-1.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



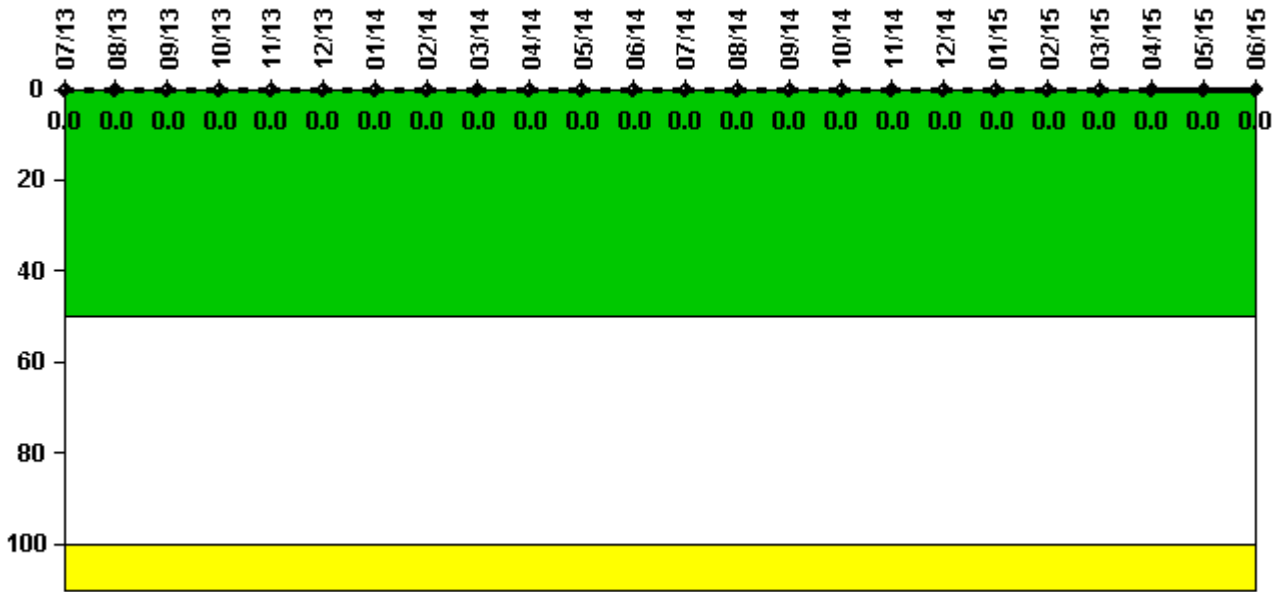
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
UAI (Δ CDF)	3.88E-08	3.73E-08	2.31E-08	4.04E-08	4.46E-08	3.64E-08	1.73E-08	1.85E-08
URI (Δ CDF)	-1.04E-07	-1.04E-07	-1.03E-07	-1.03E-07	-1.03E-07	-1.02E-07	-1.02E-07	-1.01E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.50E-08	-6.60E-08	-8.00E-08	-6.30E-08	-5.80E-08	-6.60E-08	-8.50E-08	8.40E-09

Licensee Comments: none

Reactor Coolant System Activity



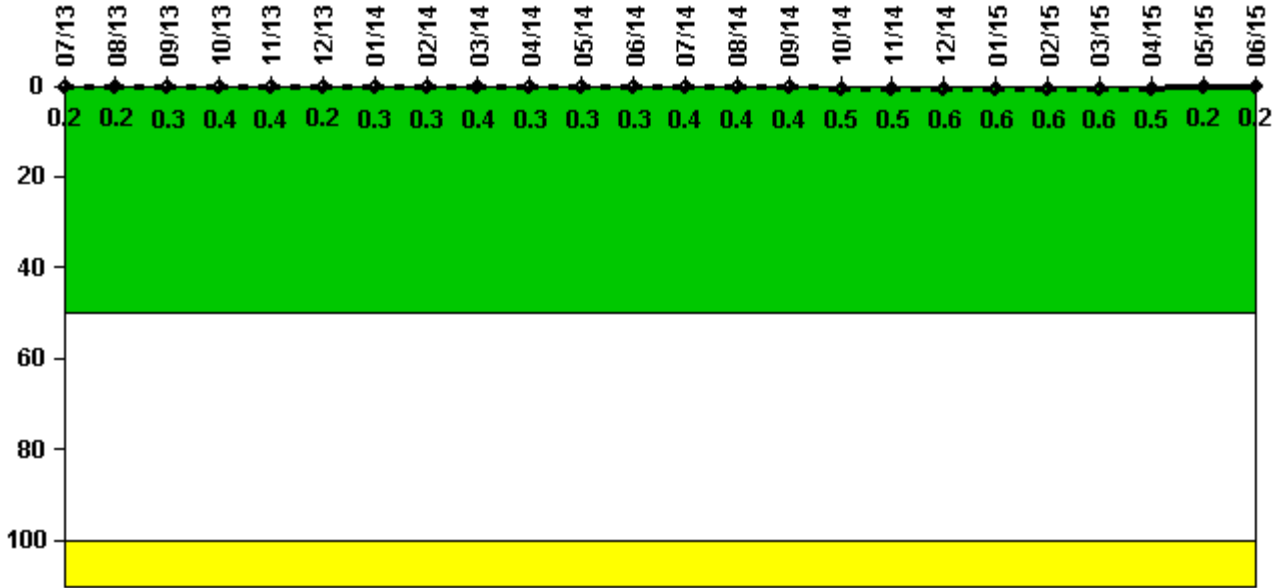
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/13	8/13	9/13	10/13	11/13	12/13	1/14	2/14	3/14	4/14	5/14	6/14
Maximum activity	0.000122	0.000125	0.000143	0.000136	0.000136	0.000085	0.000131	0.000105	0.000113	0.000330	0.000130	0.000139
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	7/14	8/14	9/14	10/14	11/14	12/14	1/15	2/15	3/15	4/15	5/15	6/15
Maximum activity	0.000147	0.000131	0.000138	0.000138	0.000147	0.000155	0.000153	0.000160	0.000162	0.000159	0.000090	0.000092
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



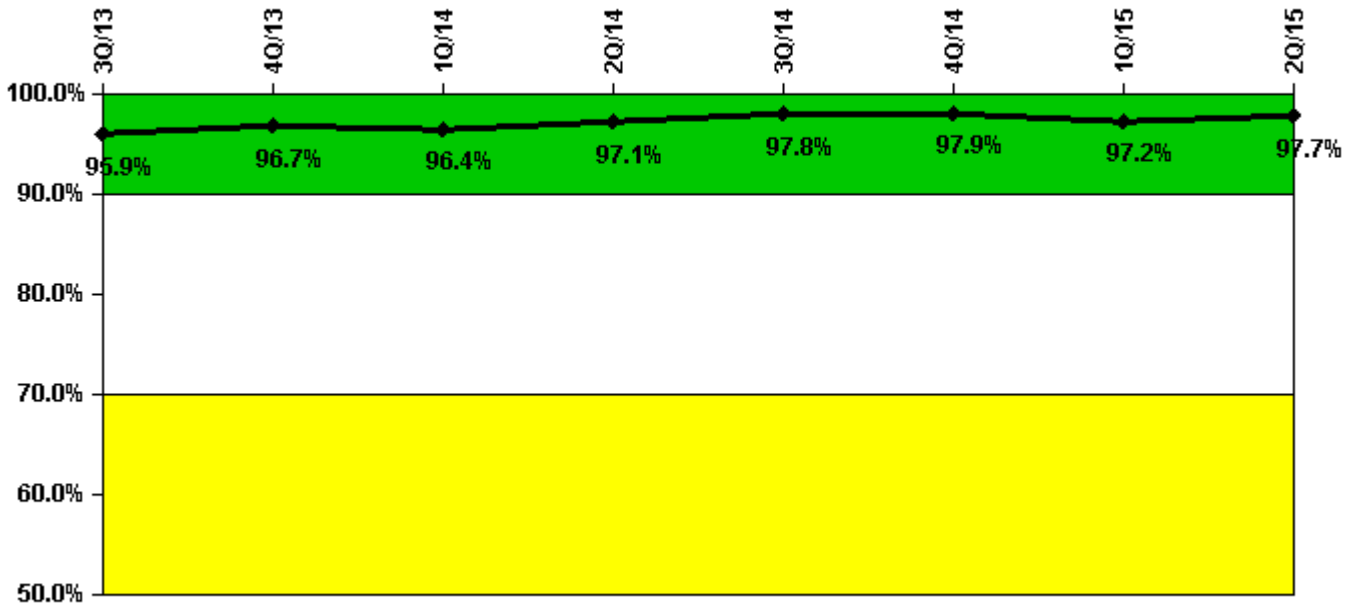
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/13	8/13	9/13	10/13	11/13	12/13	1/14	2/14	3/14	4/14	5/14	6/14
Maximum leakage	0.022	0.024	0.029	0.037	0.035	0.024	0.027	0.028	0.037	0.029	0.029	0.030
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.2	0.3	0.4	0.4	0.2	0.3	0.3	0.4	0.3	0.3	0.3
Reactor Coolant System Leakage	7/14	8/14	9/14	10/14	11/14	12/14	1/15	2/15	3/15	4/15	5/15	6/15
Maximum leakage	0.035	0.036	0.042	0.051	0.054	0.055	0.058	0.056	0.055	0.050	0.019	0.018
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.6	0.6	0.5	0.2	0.2

Licensee Comments: none

Drill/Exercise Performance



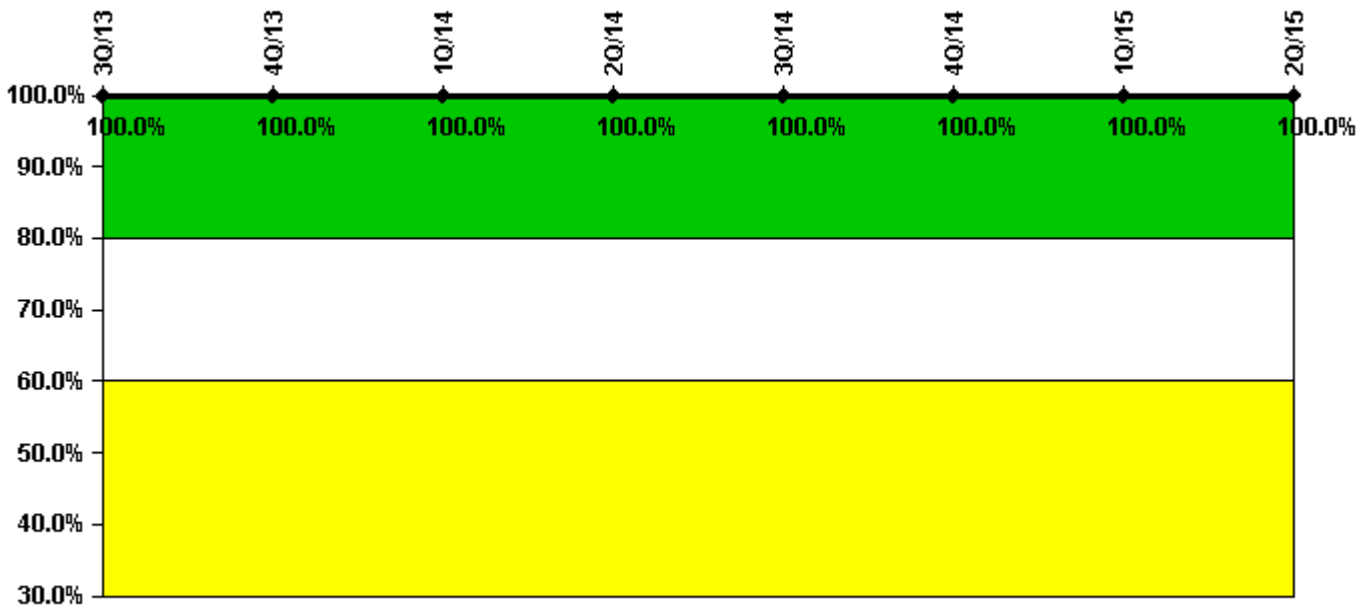
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Successful opportunities	13.0	22.0	40.0	44.0	31.0	28.0	24.0	11.0
Total opportunities	14.0	22.0	41.0	44.0	32.0	28.0	26.0	11.0
Indicator value	95.9%	96.7%	96.4%	97.1%	97.8%	97.9%	97.2%	97.7%

Licensee Comments: none

ERO Drill Participation



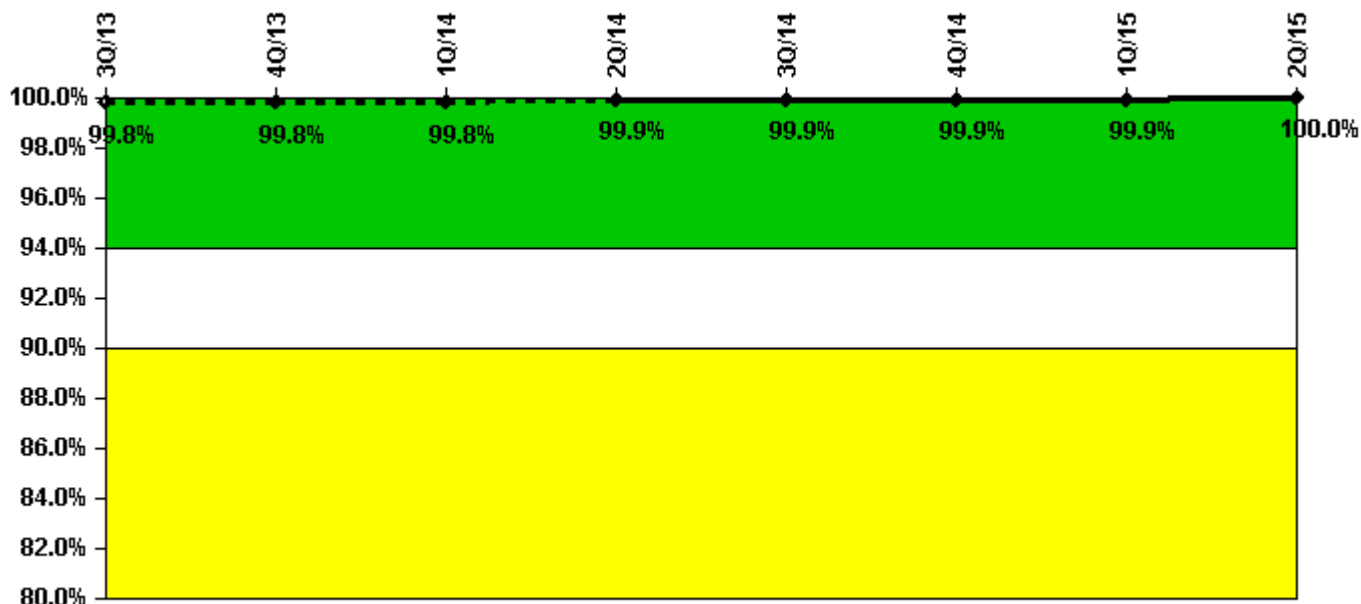
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Participating Key personnel	49.0	54.0	44.0	49.0	50.0	54.0	55.0	54.0
Total Key personnel	49.0	54.0	44.0	49.0	50.0	54.0	55.0	54.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



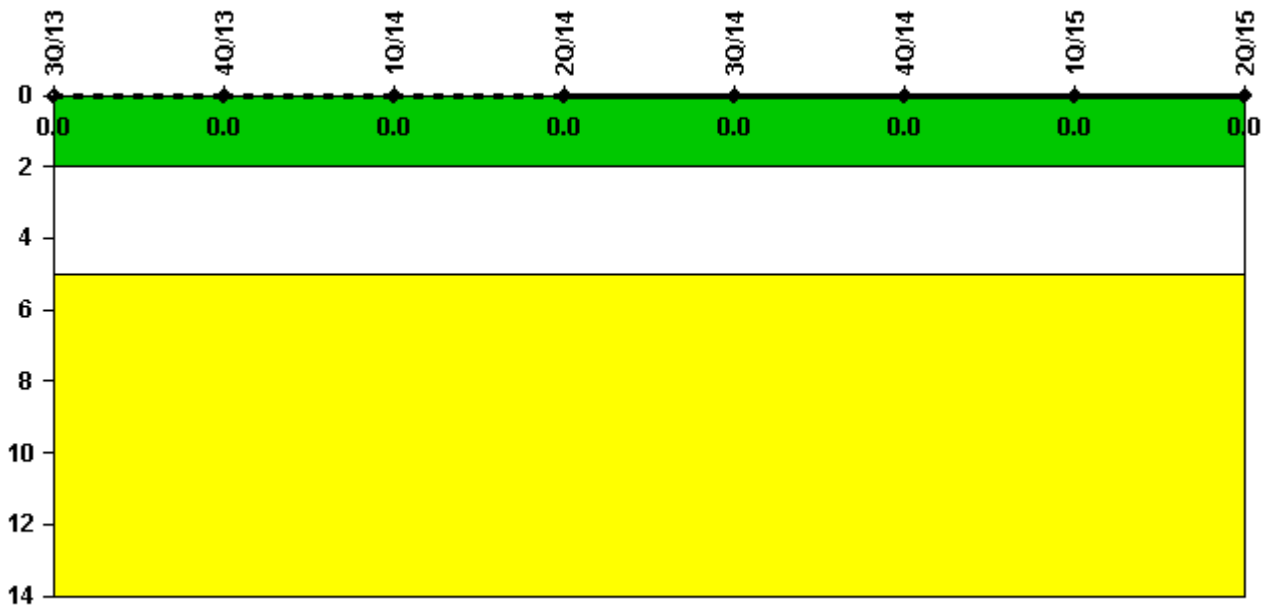
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Successful siren-tests	746	663	581	580	746	664	581	581
Total sirens-tests	747	664	581	581	747	664	581	581
Indicator value	99.8%	99.8%	99.8%	99.9%	99.9%	99.9%	99.9%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



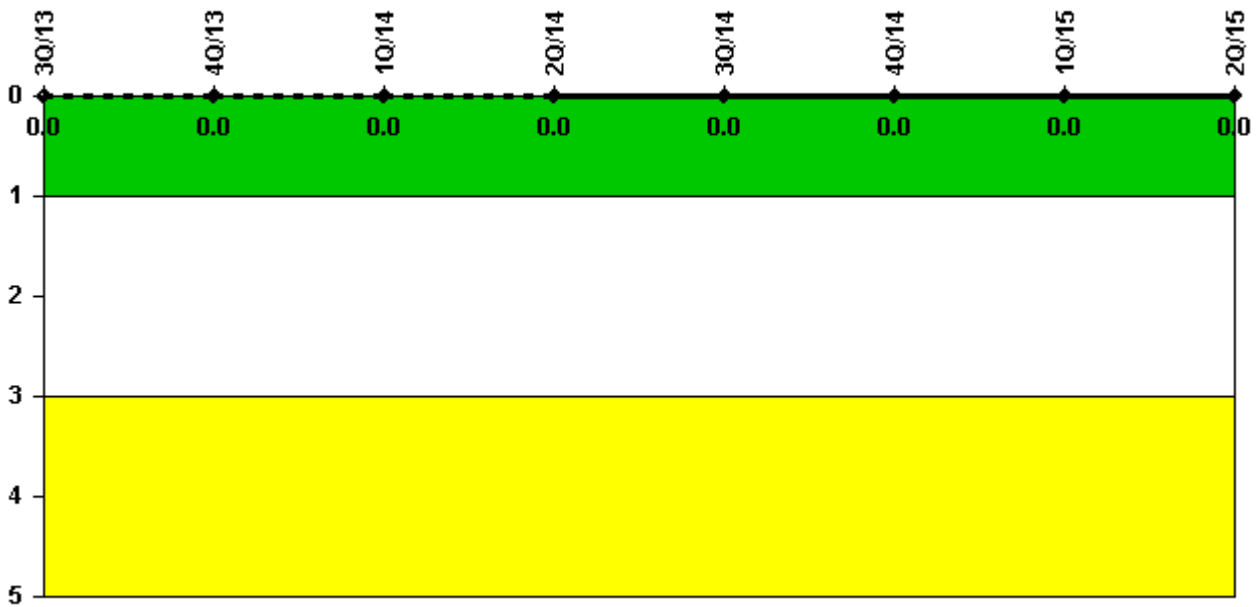
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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	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/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

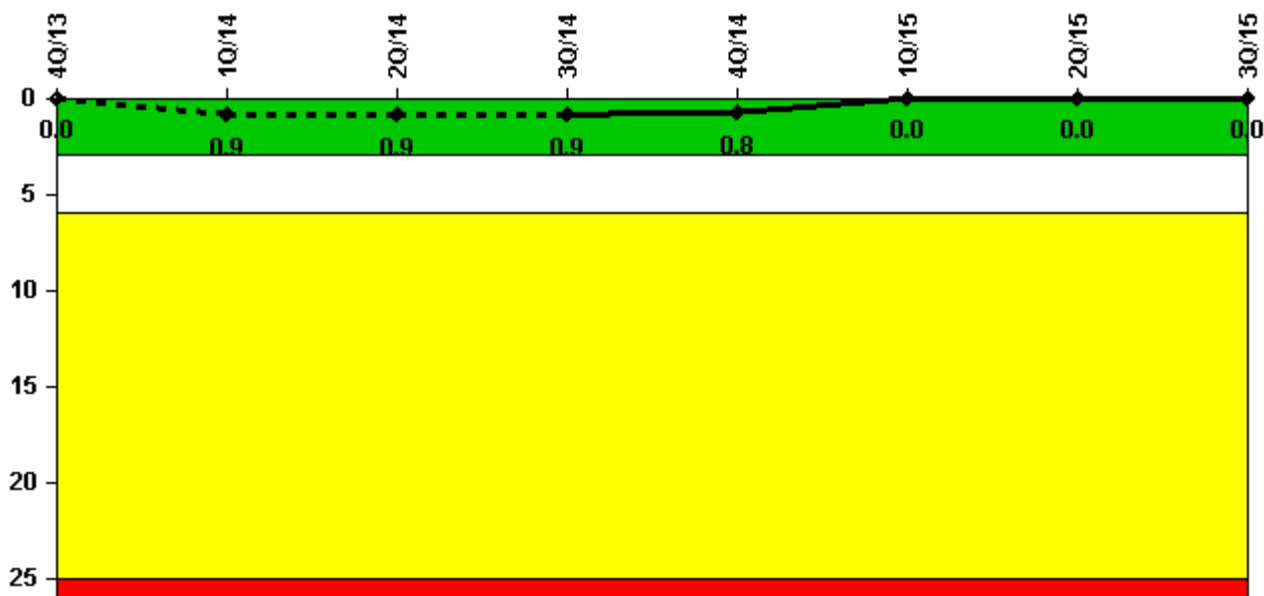
Harris 1

3Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



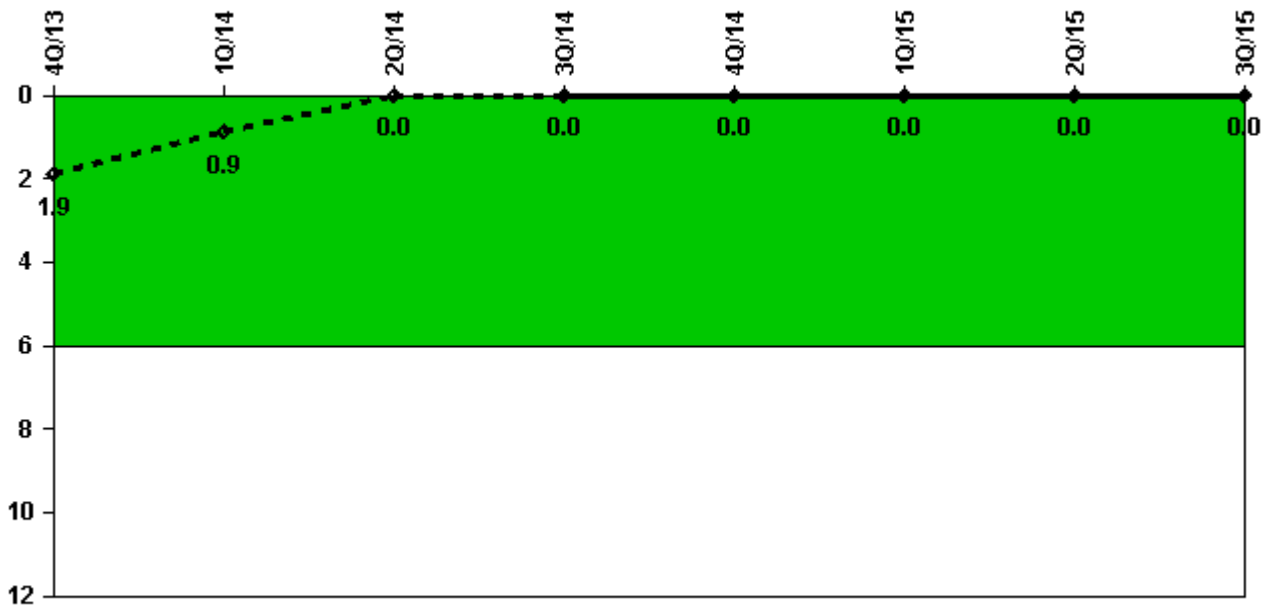
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Unplanned scrams	0	1.0	0	0	0	0	0	0
Critical hours	1454.1	2072.6	2050.3	2208.0	2209.0	2159.0	1166.2	2208.0
Indicator value	0	0.9	0.9	0.9	0.8	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



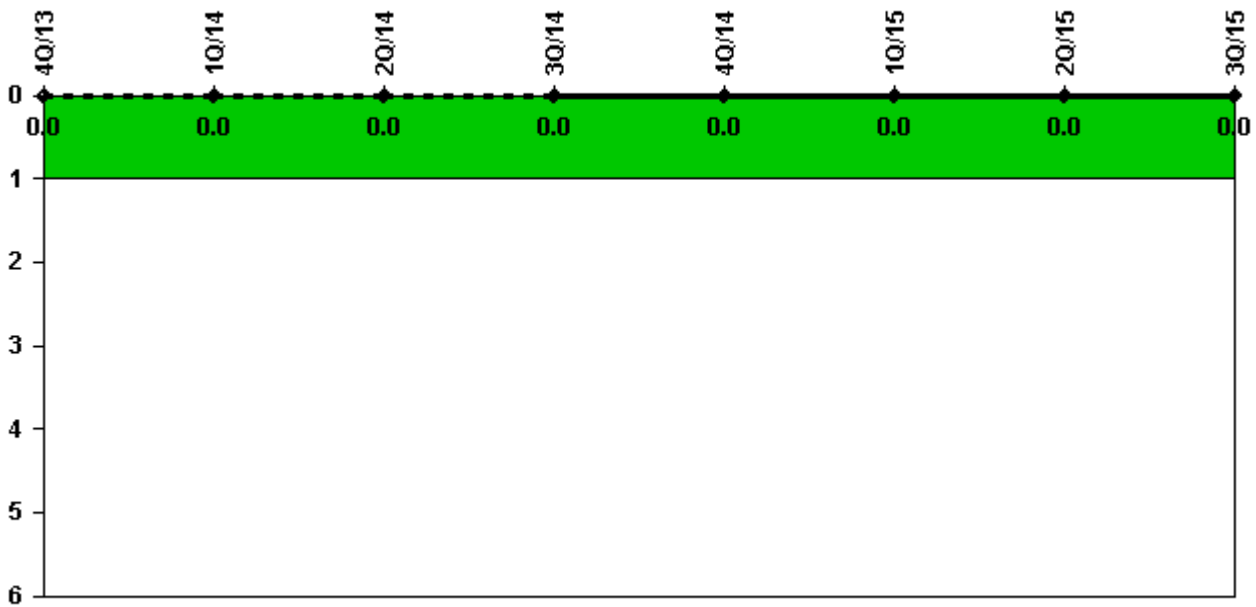
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	1454.1	2072.6	2050.3	2208.0	2209.0	2159.0	1166.2	2208.0
Indicator value	1.9	0.9	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



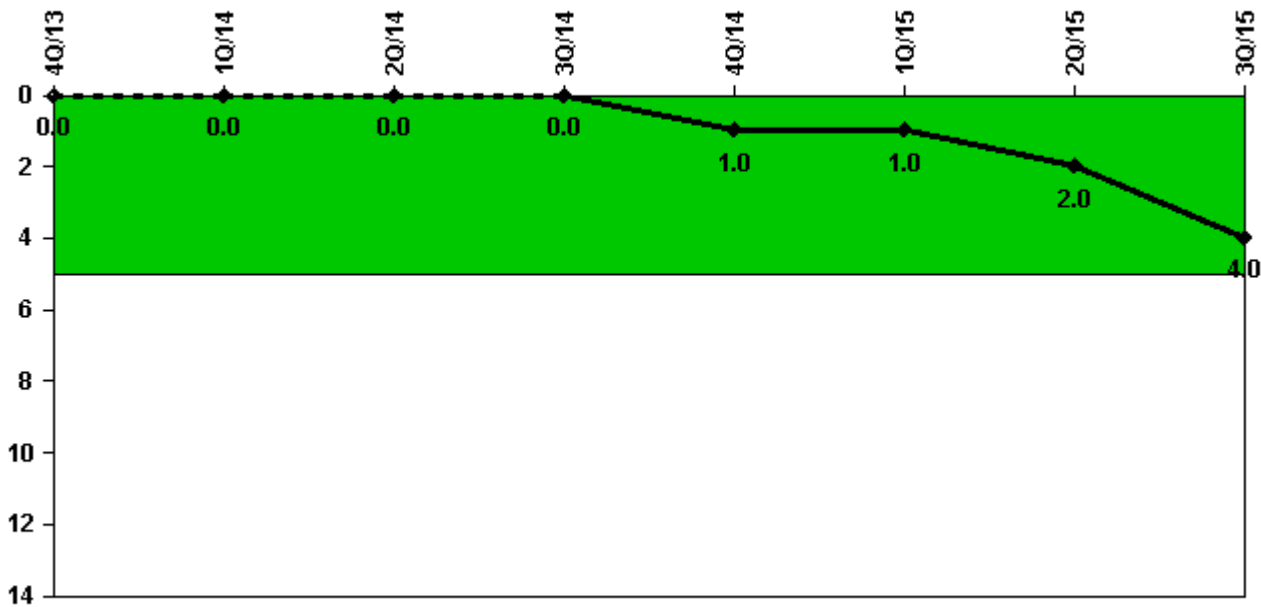
Thresholds: White > 1.0

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	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

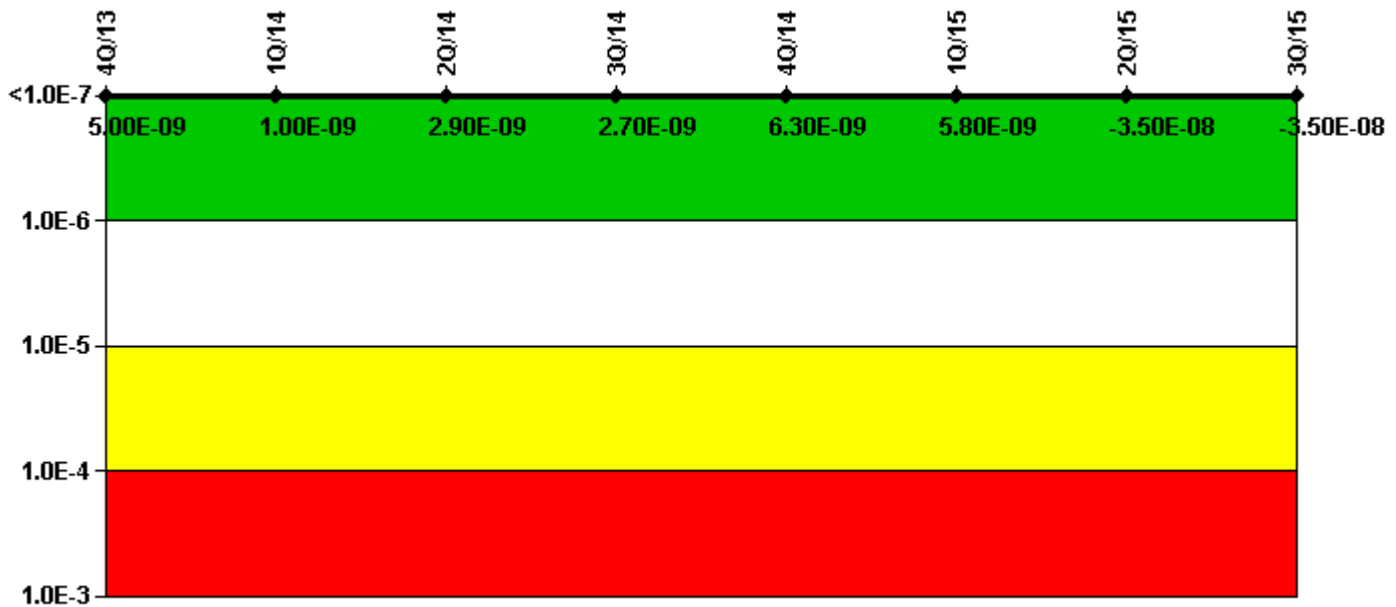
Safety System Functional Failures (PWR)	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Safety System Functional Failures	0	0	0	0	1	0	1	2
Indicator value	0	0	0	0	1	1	2	4

Licensee Comments:

3Q/15: Licensee Event Reports were submitted in both July 2015 and August 2015 that involved safety system functional failures. They were LER 2015-004-01 and LER 2015-005-00, respectively.

2Q/15: There was one Licensee Event Report submitted in June 2015 which involved a safety system functional failure. LER No. 2015-002-00

Mitigating Systems Performance Index, Emergency AC Power System



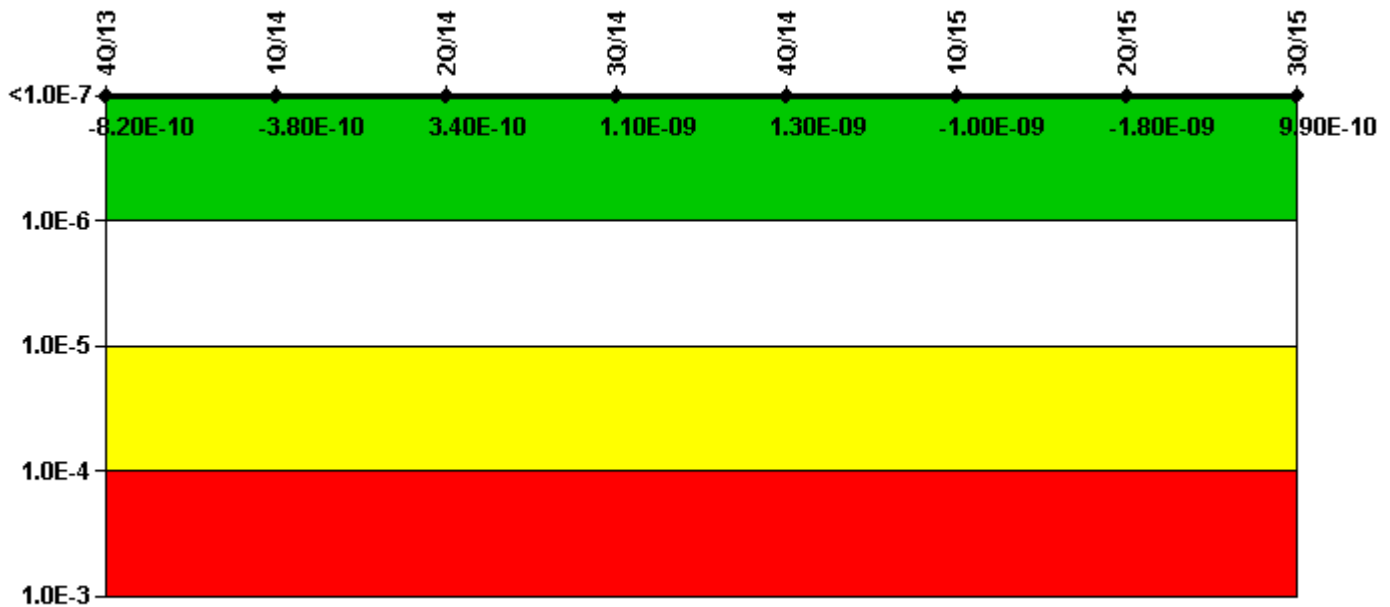
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
UAI (ΔCDF)	1.37E-08	1.08E-08	1.22E-08	1.17E-08	1.48E-08	1.44E-08	1.44E-08	1.44E-08
URI (ΔCDF)	-8.68E-09	-9.73E-09	-9.34E-09	-8.93E-09	-8.51E-09	-8.51E-09	-4.96E-08	-4.96E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	5.00E-09	1.00E-09	2.90E-09	2.70E-09	6.30E-09	5.80E-09	-3.50E-08	-3.50E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



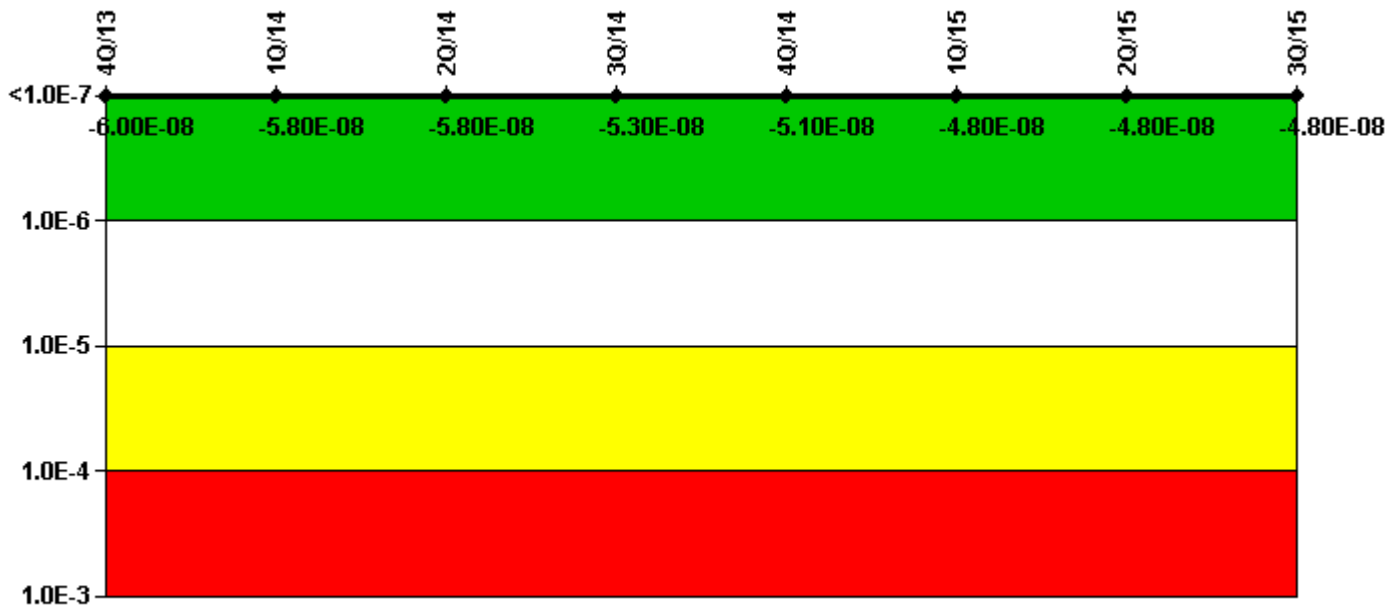
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
UAI (Δ CDF)	$8.73E-09$	$9.06E-09$	$9.67E-09$	$1.03E-08$	$1.04E-08$	$8.11E-09$	$7.32E-09$	$1.01E-08$
URI (Δ CDF)	$-9.55E-09$	$-9.44E-09$	$-9.33E-09$	$-9.22E-09$	$-9.11E-09$	$-9.11E-09$	$-9.11E-09$	$-9.11E-09$
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	$-8.20E-10$	$-3.80E-10$	$3.40E-10$	$1.10E-09$	$1.30E-09$	$-1.00E-09$	$-1.80E-09$	$9.90E-10$

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



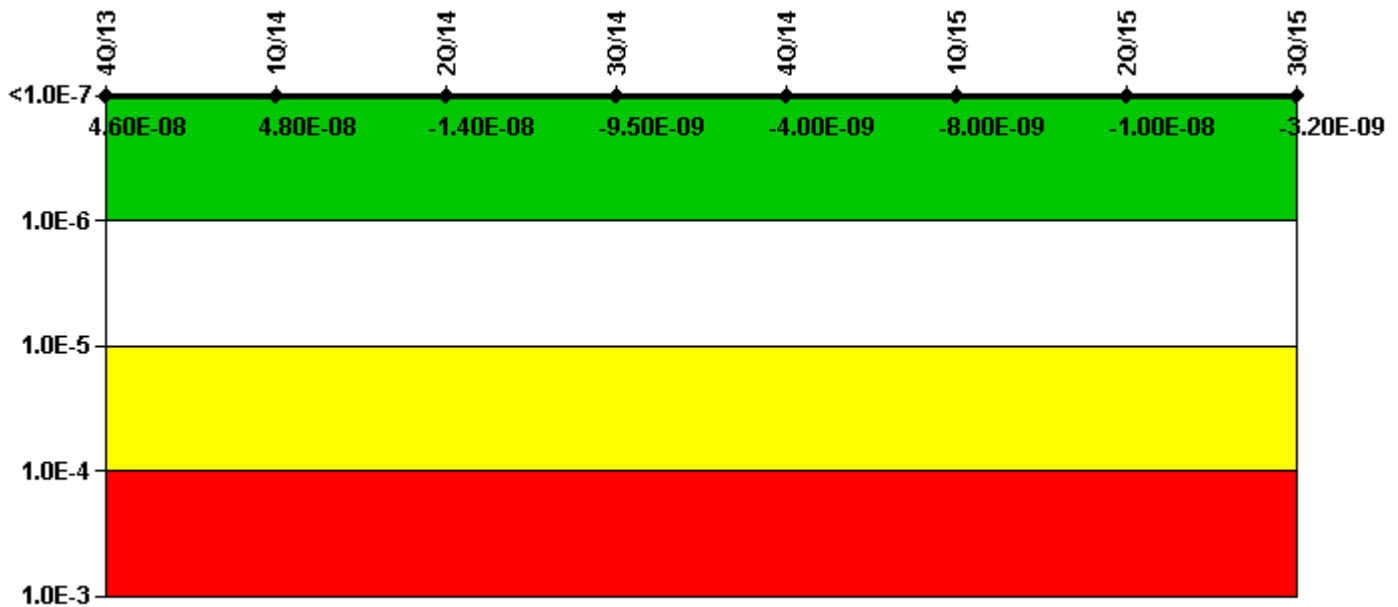
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
UAI (Δ CDF)	8.44E-09	9.14E-09	9.49E-09	1.25E-08	1.25E-08	1.51E-08	1.52E-08	1.52E-08
URI (Δ CDF)	-6.80E-08	-6.75E-08	-6.75E-08	-6.56E-08	-6.33E-08	-6.33E-08	-6.33E-08	-6.33E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.00E-08	-5.80E-08	-5.80E-08	-5.30E-08	-5.10E-08	-4.80E-08	-4.80E-08	-4.80E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



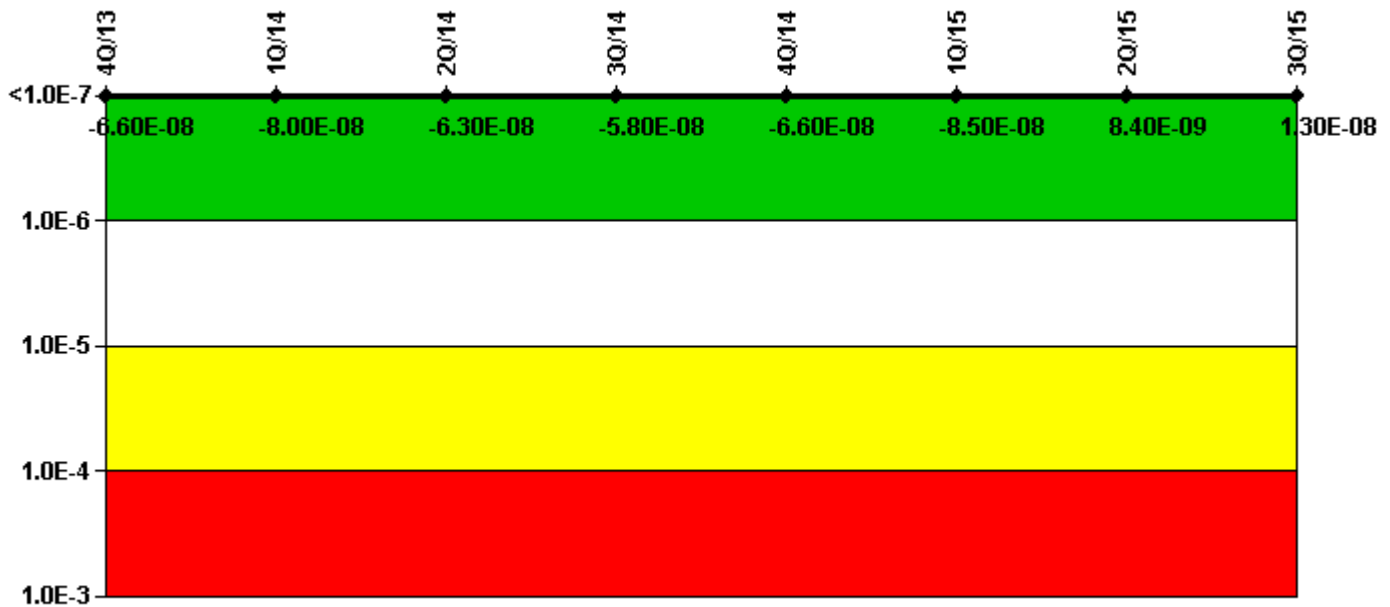
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
UAI (Δ CDF)	1.83E-08	1.98E-08	1.55E-08	1.92E-08	2.42E-08	2.02E-08	1.82E-08	2.49E-08
URI (Δ CDF)	2.75E-08	2.81E-08	-2.93E-08	-2.88E-08	-2.82E-08	-2.82E-08	-2.82E-08	-2.82E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.60E-08	4.80E-08	-1.40E-08	-9.50E-09	-4.00E-09	-8.00E-09	-1.00E-08	-3.20E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



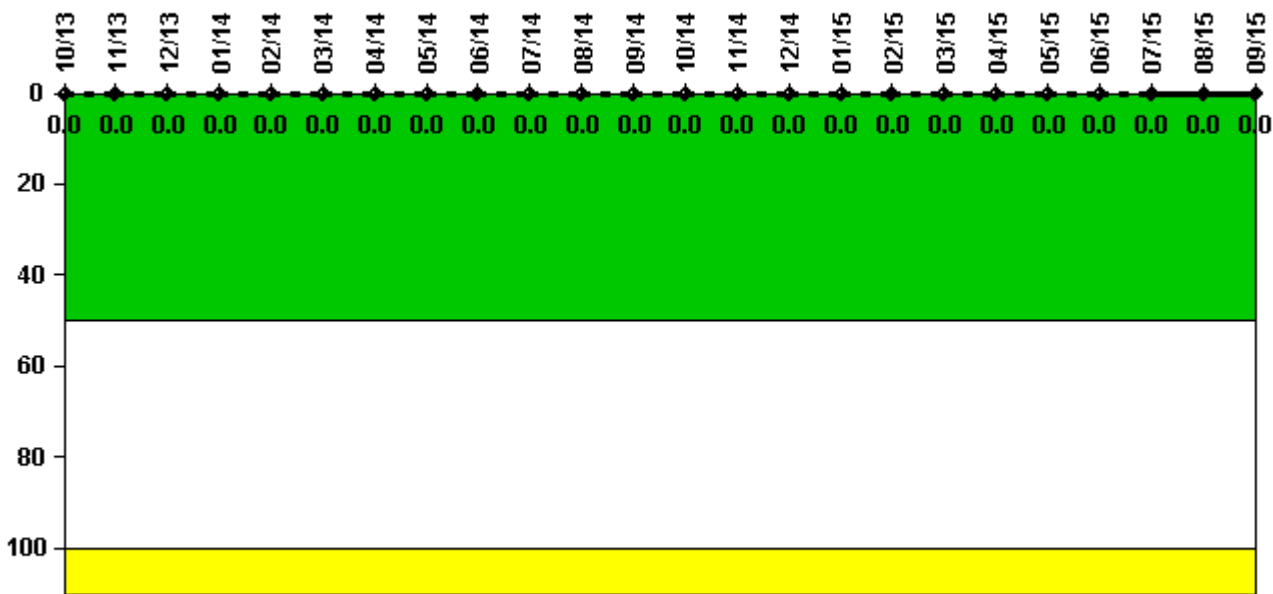
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
UAI (Δ CDF)	3.73E-08	2.31E-08	4.04E-08	4.46E-08	3.64E-08	1.73E-08	1.85E-08	2.28E-08
URI (Δ CDF)	-1.04E-07	-1.03E-07	-1.03E-07	-1.03E-07	-1.02E-07	-1.02E-07	-1.01E-08	-1.01E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.60E-08	-8.00E-08	-6.30E-08	-5.80E-08	-6.60E-08	-8.50E-08	8.40E-09	1.30E-08

Licensee Comments: none

Reactor Coolant System Activity



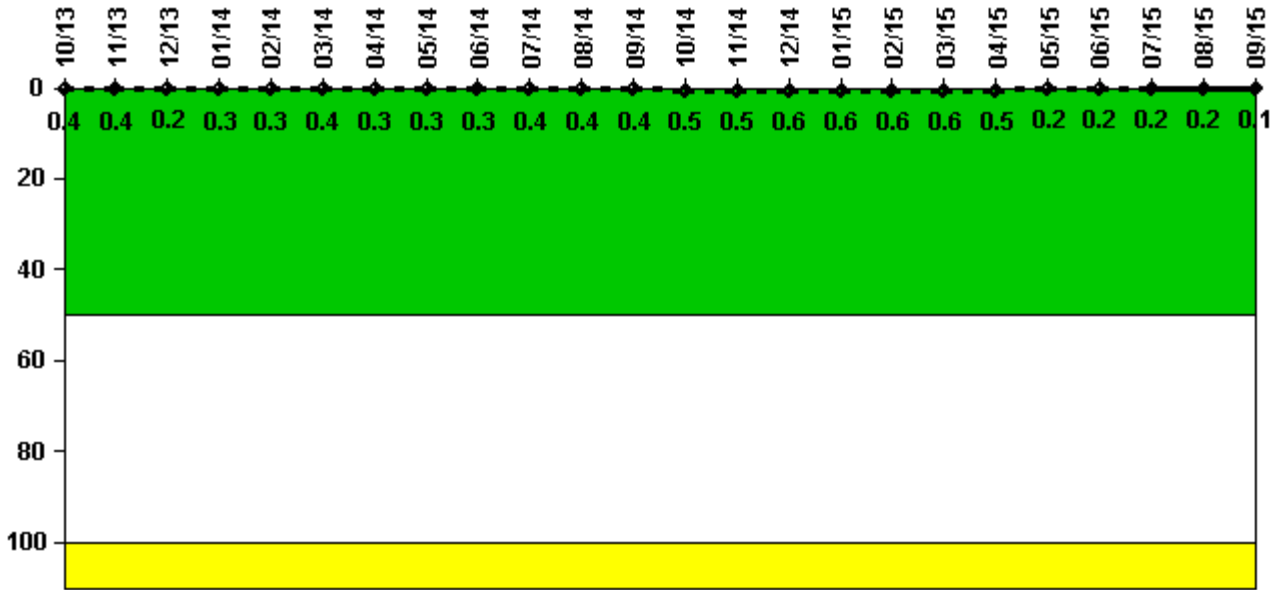
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/13	11/13	12/13	1/14	2/14	3/14	4/14	5/14	6/14	7/14	8/14	9/14
Maximum activity	0.000136	0.000136	0.000085	0.000131	0.000105	0.000113	0.000330	0.000130	0.000139	0.000147	0.000131	0.000138
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	10/14	11/14	12/14	1/15	2/15	3/15	4/15	5/15	6/15	7/15	8/15	9/15
Maximum activity	0.000138	0.000147	0.000155	0.000153	0.000160	0.000162	0.000159	0.000090	0.000092	0.000404	0.000089	0.000094
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

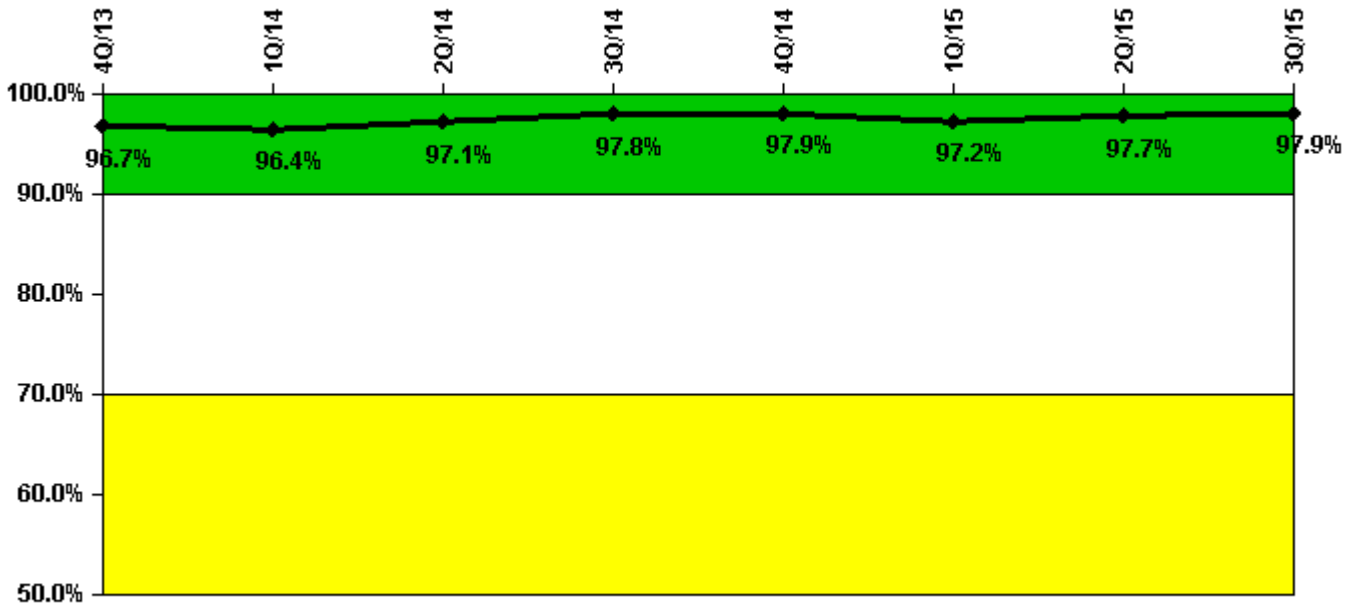
Notes

Reactor Coolant System Leakage	10/13	11/13	12/13	1/14	2/14	3/14	4/14	5/14	6/14	7/14	8/14	9/14
Maximum leakage	0.037	0.035	0.024	0.027	0.028	0.037	0.029	0.029	0.030	0.035	0.036	0.042
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.4	0.2	0.3	0.3	0.4	0.3	0.3	0.3	0.4	0.4	0.4

Reactor Coolant System Leakage	10/14	11/14	12/14	1/15	2/15	3/15	4/15	5/15	6/15	7/15	8/15	9/15
Maximum leakage	0.051	0.054	0.055	0.058	0.056	0.055	0.050	0.019	0.018	0.016	0.015	0.014
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	0.5	0.6	0.6	0.6	0.6	0.5	0.2	0.2	0.2	0.2	0.1

Licensee Comments: none

Drill/Exercise Performance



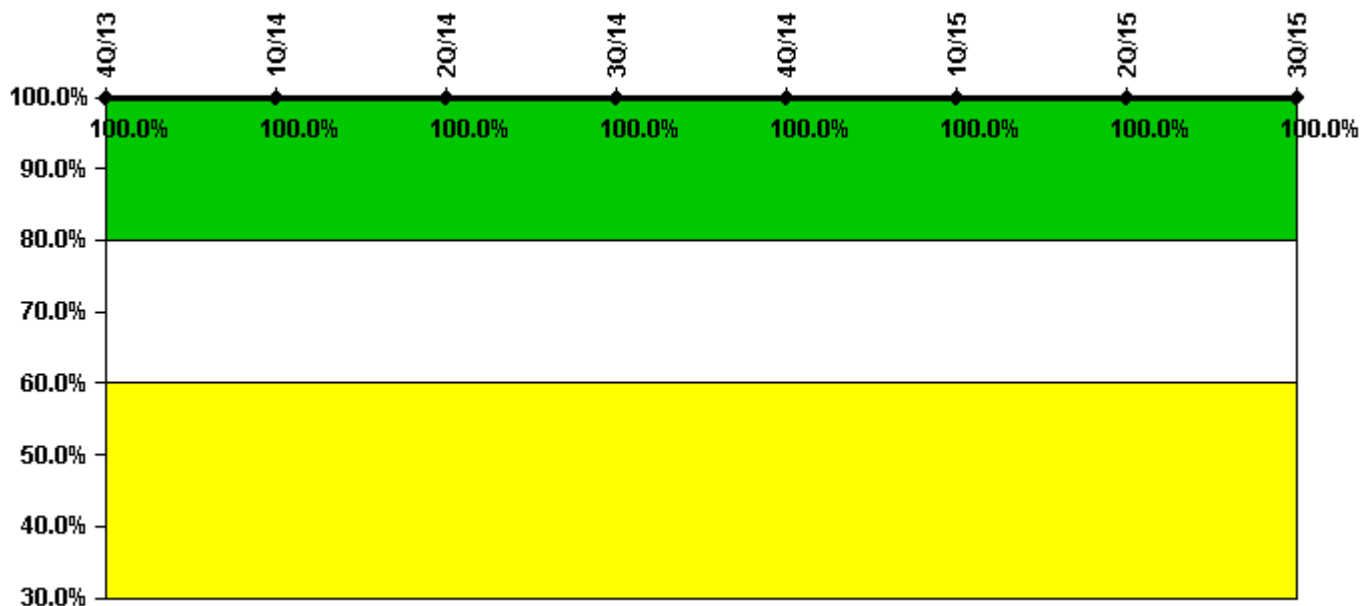
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Successful opportunities	22.0	40.0	44.0	31.0	28.0	24.0	11.0	38.0
Total opportunities	22.0	41.0	44.0	32.0	28.0	26.0	11.0	39.0
Indicator value	96.7%	96.4%	97.1%	97.8%	97.9%	97.2%	97.7%	97.9%

Licensee Comments: none

ERO Drill Participation



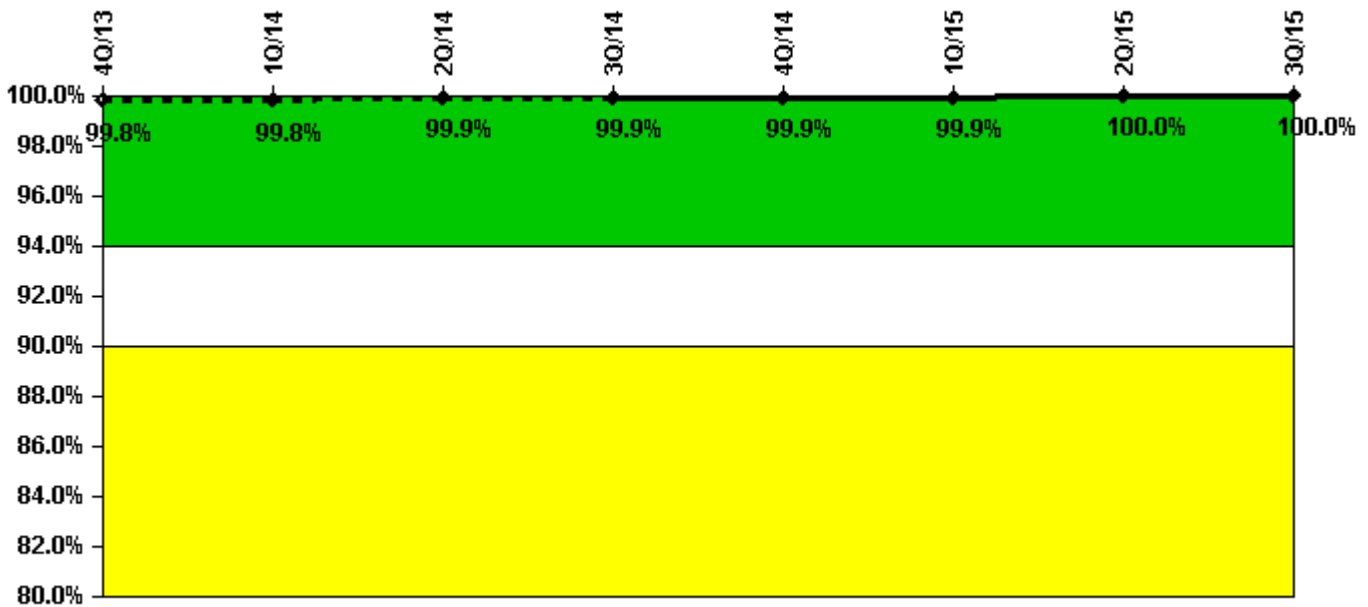
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Participating Key personnel	54.0	44.0	49.0	50.0	54.0	55.0	54.0	49.0
Total Key personnel	54.0	44.0	49.0	50.0	54.0	55.0	54.0	49.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



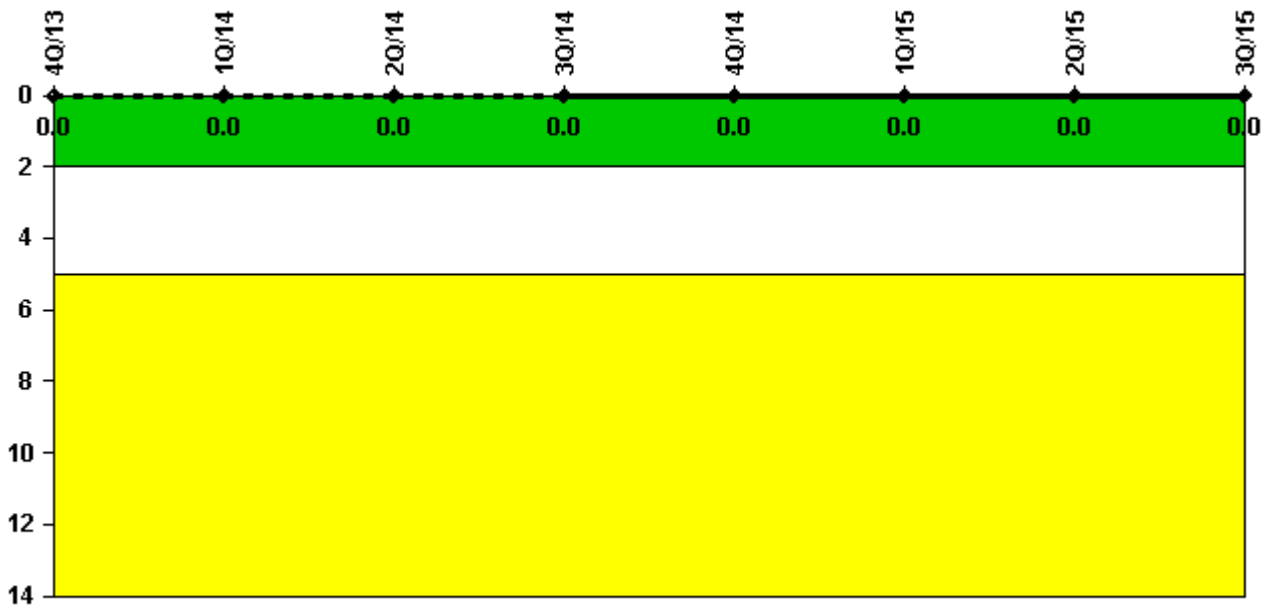
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Successful siren-tests	663	581	580	746	664	581	581	746
Total sirens-tests	664	581	581	747	664	581	581	747
Indicator value	99.8%	99.8%	99.9%	99.9%	99.9%	99.9%	100.0%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



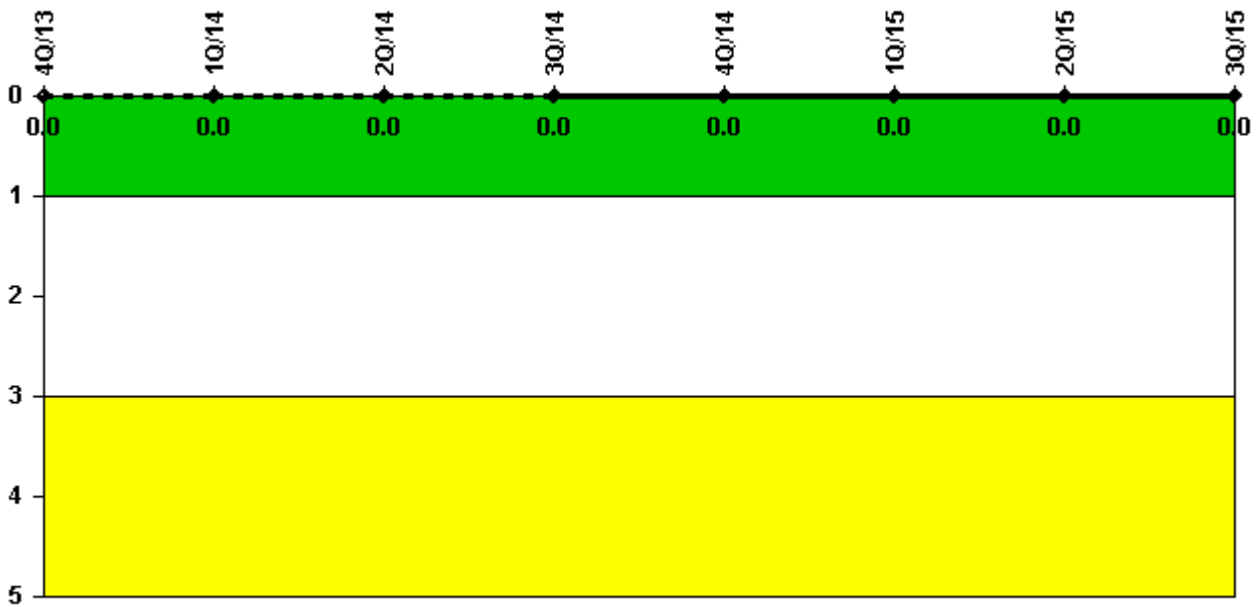
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/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

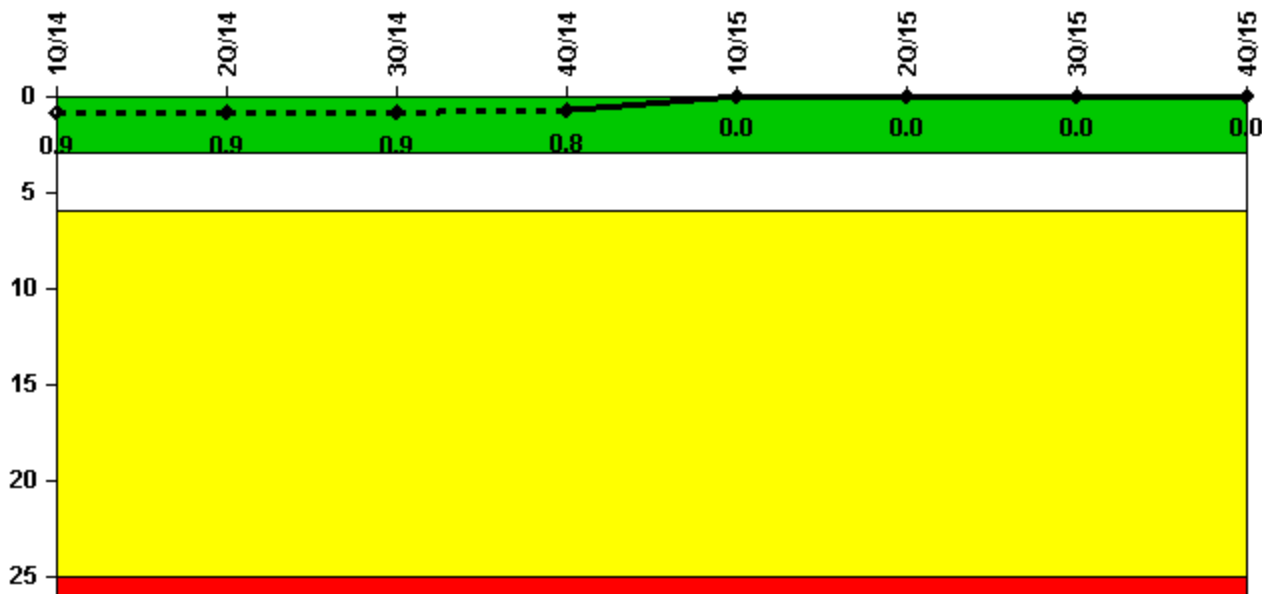
Harris 1

4Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



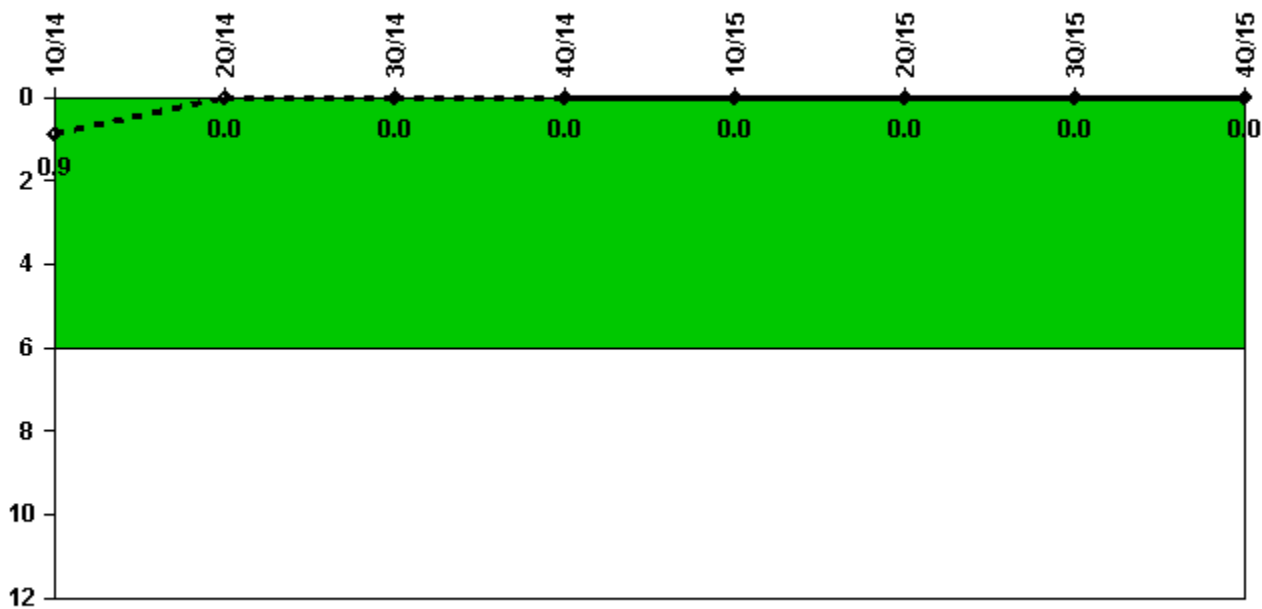
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Unplanned scrams	1.0	0	0	0	0	0	0	0
Critical hours	2072.6	2050.3	2208.0	2209.0	2159.0	1166.2	2208.0	2209.0
Indicator value	0.9	0.9	0.9	0.8	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



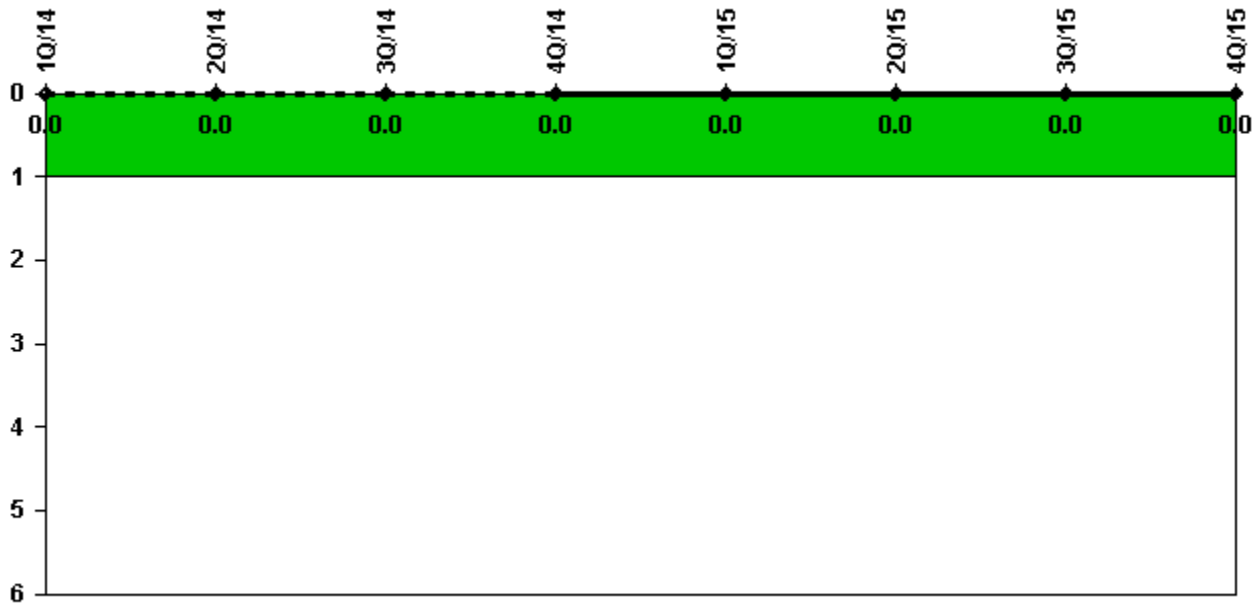
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2072.6	2050.3	2208.0	2209.0	2159.0	1166.2	2208.0	2209.0
Indicator value	0.9	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



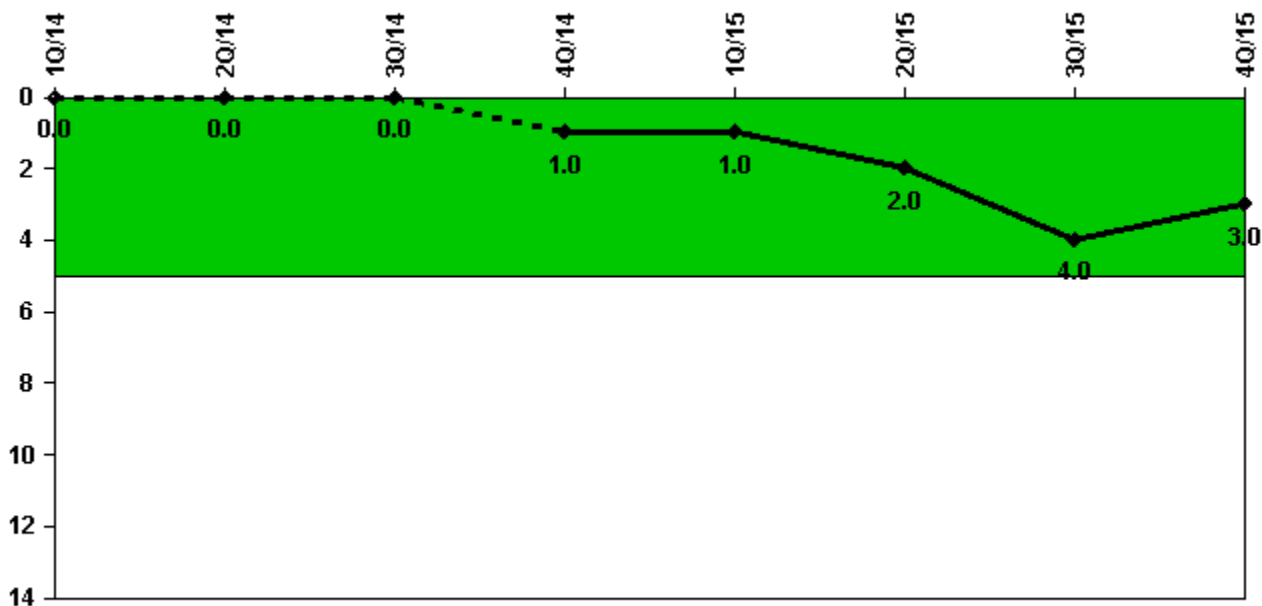
Thresholds: White > 1.0

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	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

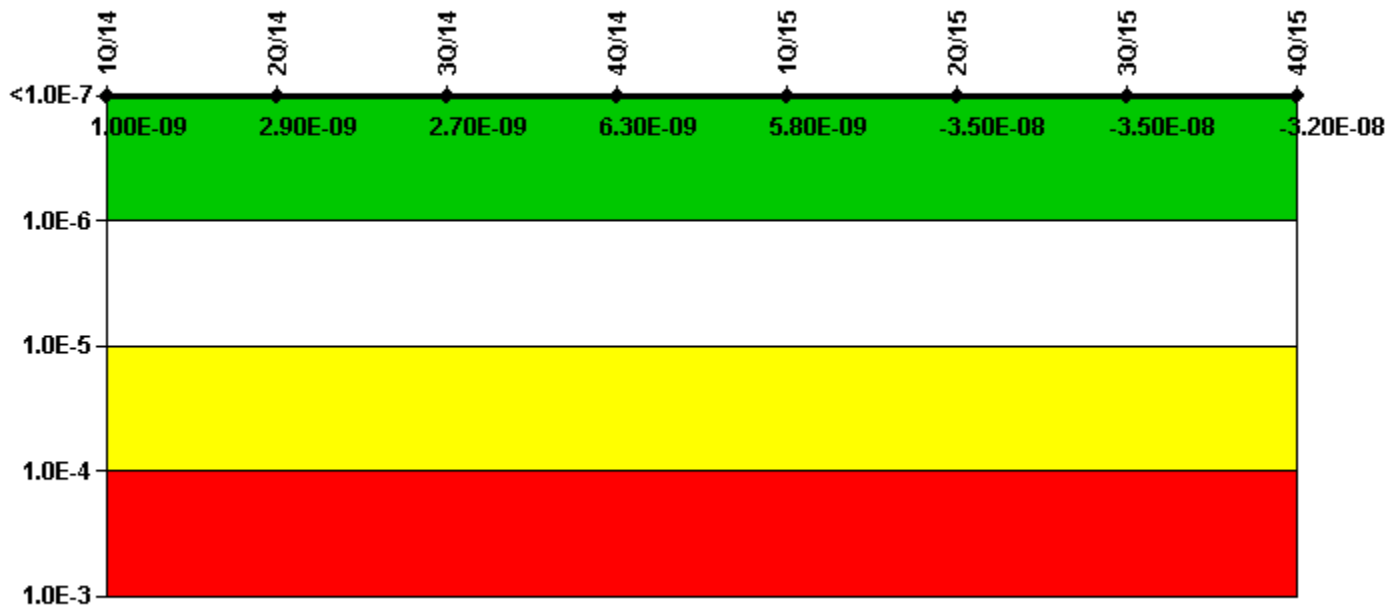
Safety System Functional Failures (PWR)	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Safety System Functional Failures	0	0	0	1	0	1	2	0
Indicator value	0	0	0	1	1	2	4	3

Licensee Comments:

3Q/15: Licensee Event Reports were submitted in both July 2015 and August 2015 that involved safety system functional failures. They were LER 2015-004-01 and LER 2015-005-00, respectively.

2Q/15: There was one Licensee Event Report submitted in June 2015 which involved a safety system functional failure. LER No. 2015-002-00

Mitigating Systems Performance Index, Emergency AC Power System



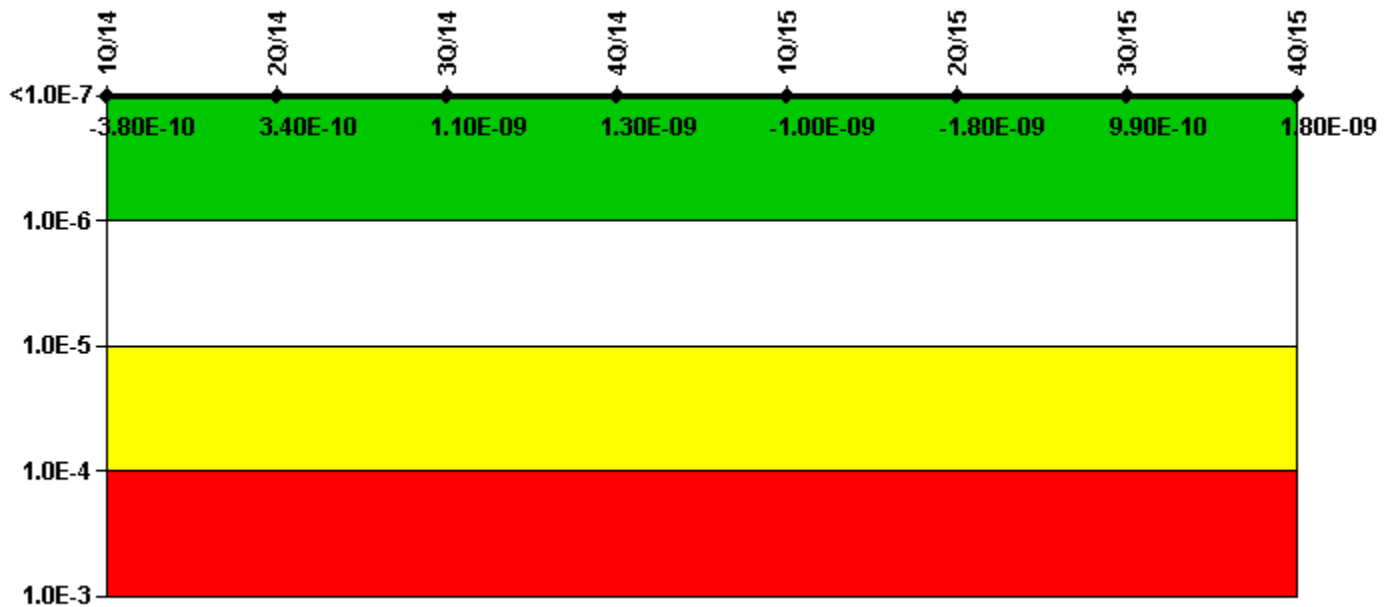
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
UAI (Δ CDF)	1.08E-08	1.22E-08	1.17E-08	1.48E-08	1.44E-08	1.44E-08	1.44E-08	1.72E-08
URI (Δ CDF)	-9.73E-09	-9.34E-09	-8.93E-09	-8.51E-09	-8.51E-09	-4.96E-08	-4.96E-08	-4.96E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.00E-09	2.90E-09	2.70E-09	6.30E-09	5.80E-09	-3.50E-08	-3.50E-08	-3.20E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



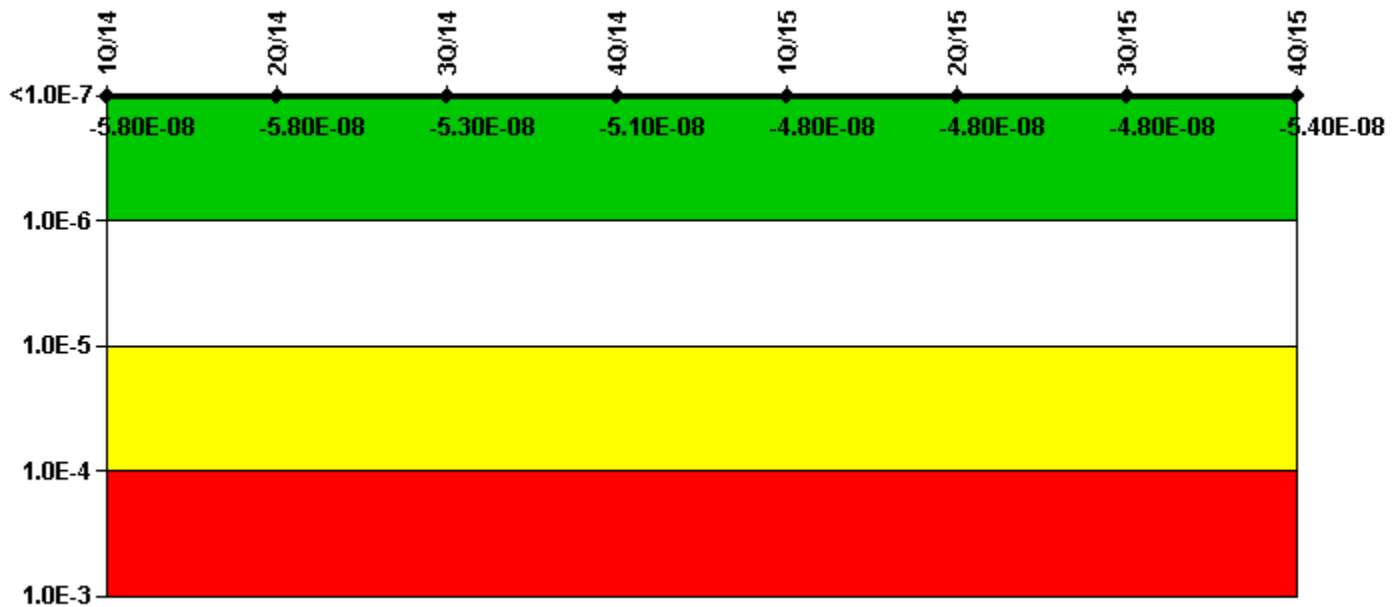
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
UAI (Δ CDF)	9.06E-09	9.67E-09	1.03E-08	1.04E-08	8.11E-09	7.32E-09	1.01E-08	1.09E-08
URI (Δ CDF)	-9.44E-09	-9.33E-09	-9.22E-09	-9.11E-09	-9.11E-09	-9.11E-09	-9.11E-09	-9.11E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.80E-10	3.40E-10	1.10E-09	1.30E-09	-1.00E-09	-1.80E-09	9.90E-10	1.80E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



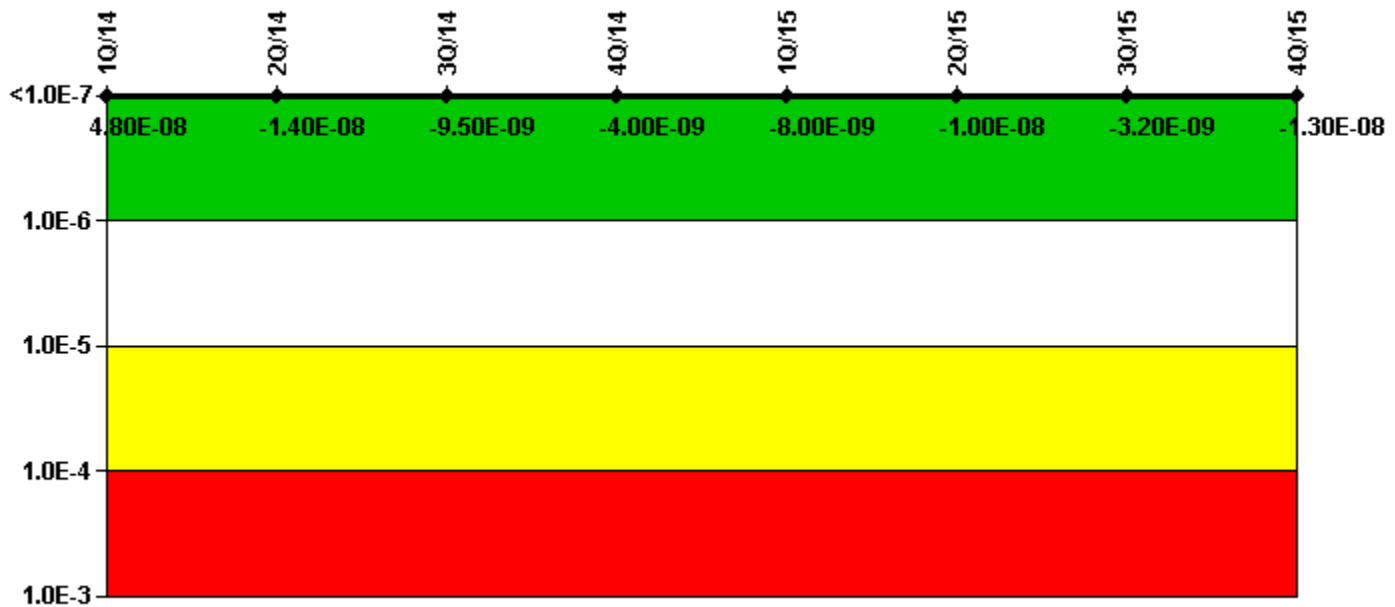
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
UAI (Δ CDF)	9.14E-09	9.49E-09	1.25E-08	1.25E-08	1.51E-08	1.52E-08	1.52E-08	9.31E-09
URI (Δ CDF)	-6.75E-08	-6.75E-08	-6.56E-08	-6.33E-08	-6.33E-08	-6.33E-08	-6.33E-08	-6.33E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.80E-08	-5.80E-08	-5.30E-08	-5.10E-08	-4.80E-08	-4.80E-08	-4.80E-08	-5.40E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



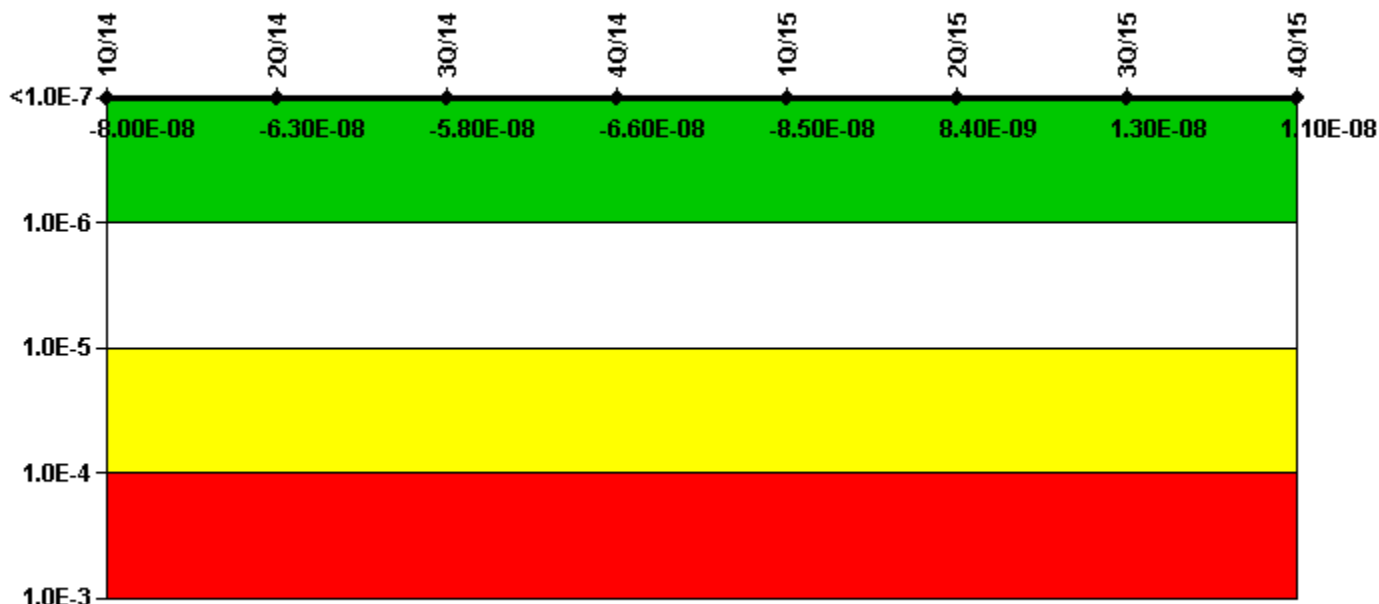
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
UAI (Δ CDF)	1.98E-08	1.55E-08	1.92E-08	2.42E-08	2.02E-08	1.82E-08	2.49E-08	1.51E-08
URI (Δ CDF)	2.81E-08	-2.93E-08	-2.88E-08	-2.82E-08	-2.82E-08	-2.82E-08	-2.82E-08	-2.82E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.80E-08	-1.40E-08	-9.50E-09	-4.00E-09	-8.00E-09	-1.00E-08	-3.20E-09	-1.30E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



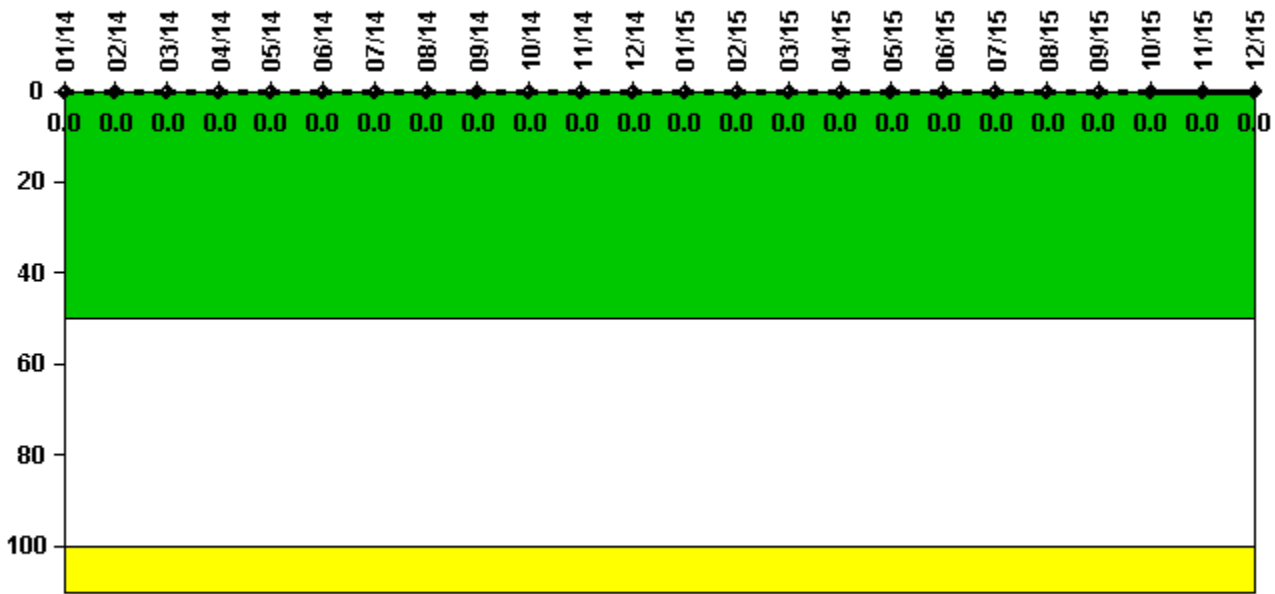
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
UAI (Δ CDF)	2.31E-08	4.04E-08	4.46E-08	3.64E-08	1.73E-08	1.85E-08	2.28E-08	2.11E-08
URI (Δ CDF)	-1.03E-07	-1.03E-07	-1.03E-07	-1.02E-07	-1.02E-07	-1.01E-08	-1.01E-08	-1.01E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-8.00E-08	-6.30E-08	-5.80E-08	-6.60E-08	-8.50E-08	8.40E-09	1.30E-08	1.10E-08

Licensee Comments: none

Reactor Coolant System Activity



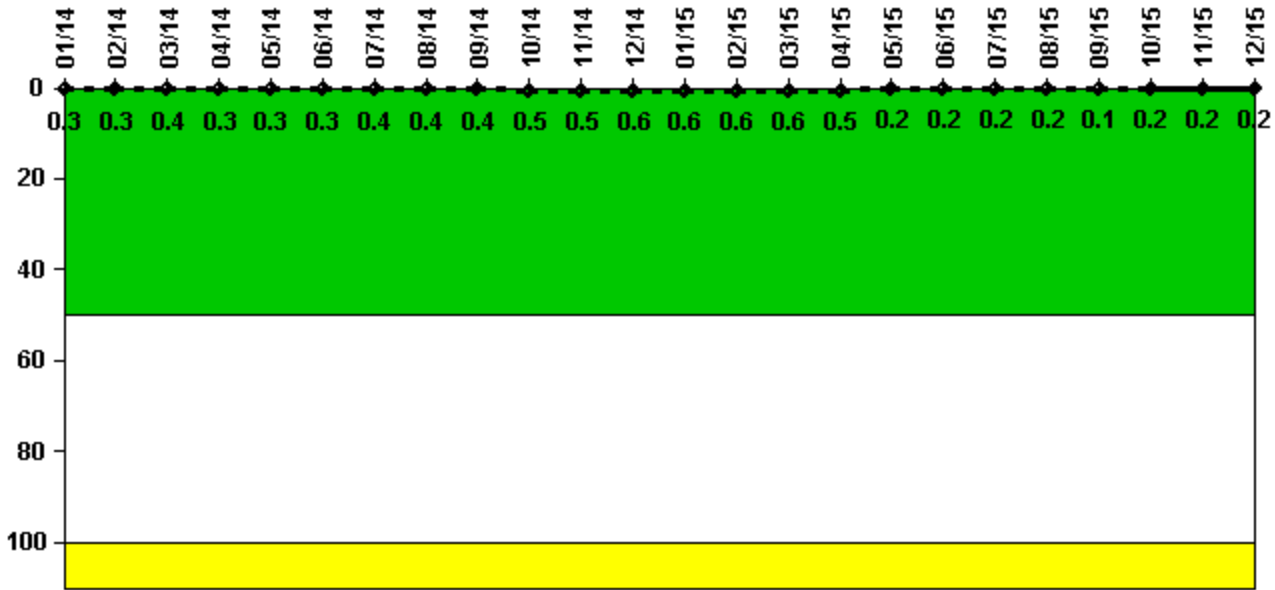
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/14	2/14	3/14	4/14	5/14	6/14	7/14	8/14	9/14	10/14	11/14	12/14
Maximum activity	0.000131	0.000105	0.000113	0.000330	0.000130	0.000139	0.000147	0.000131	0.000138	0.000138	0.000147	0.000155
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	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	0.000153	0.000160	0.000162	0.000159	0.000090	0.000092	0.000404	0.000089	0.000094	0.000147	0.000104	0.000163
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



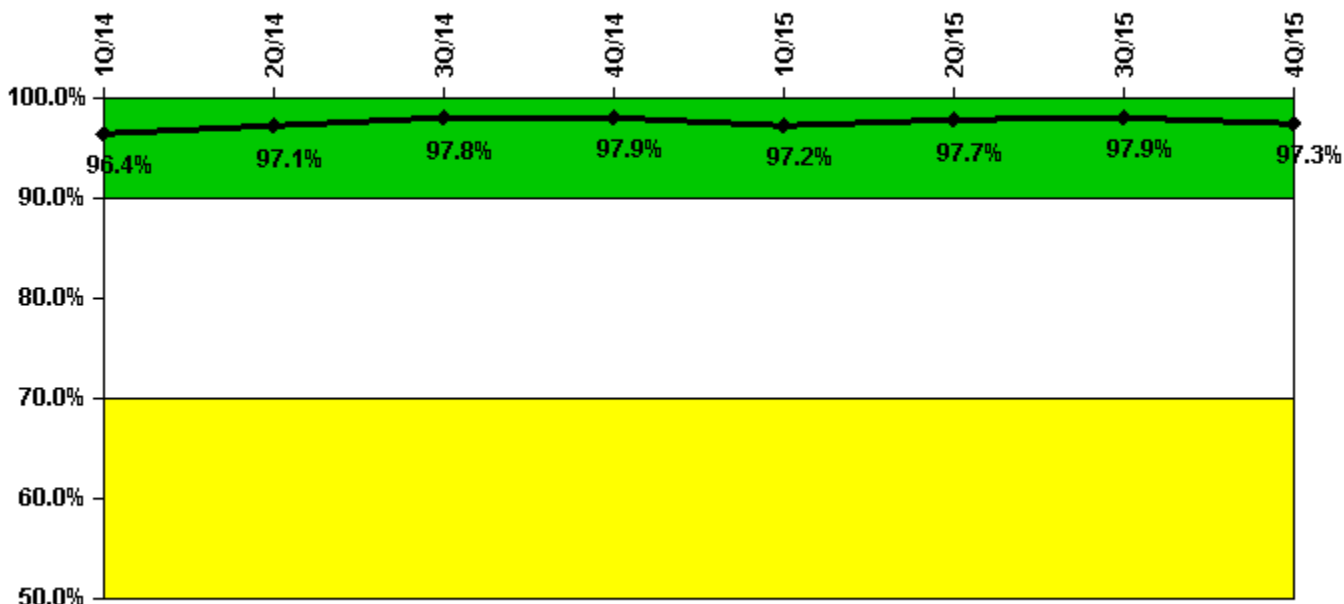
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/14	2/14	3/14	4/14	5/14	6/14	7/14	8/14	9/14	10/14	11/14	12/14
Maximum leakage	0.027	0.028	0.037	0.029	0.029	0.030	0.035	0.036	0.042	0.051	0.054	0.055
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.3	0.4	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.6
Reactor Coolant System Leakage	1/15	2/15	3/15	4/15	5/15	6/15	7/15	8/15	9/15	10/15	11/15	12/15
Maximum leakage	0.058	0.056	0.055	0.050	0.019	0.018	0.016	0.015	0.014	0.015	0.015	0.015
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.6	0.6	0.6	0.5	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2

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	40.0	44.0	31.0	28.0	24.0	11.0	38.0	33.0
Total opportunities	41.0	44.0	32.0	28.0	26.0	11.0	39.0	35.0
Indicator value	96.4%	97.1%	97.8%	97.9%	97.2%	97.7%	97.9%	97.3%

Licensee Comments: none

ERO Drill Participation



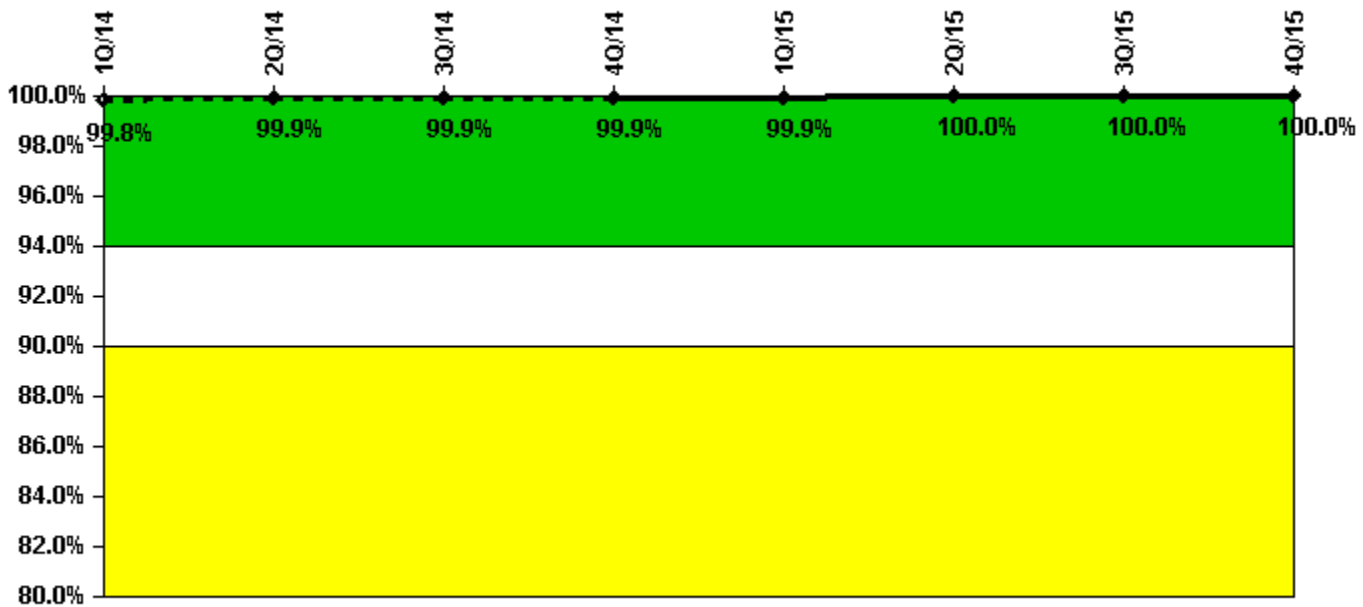
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Participating Key personnel	44.0	49.0	50.0	54.0	55.0	54.0	49.0	51.0
Total Key personnel	44.0	49.0	50.0	54.0	55.0	54.0	49.0	51.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



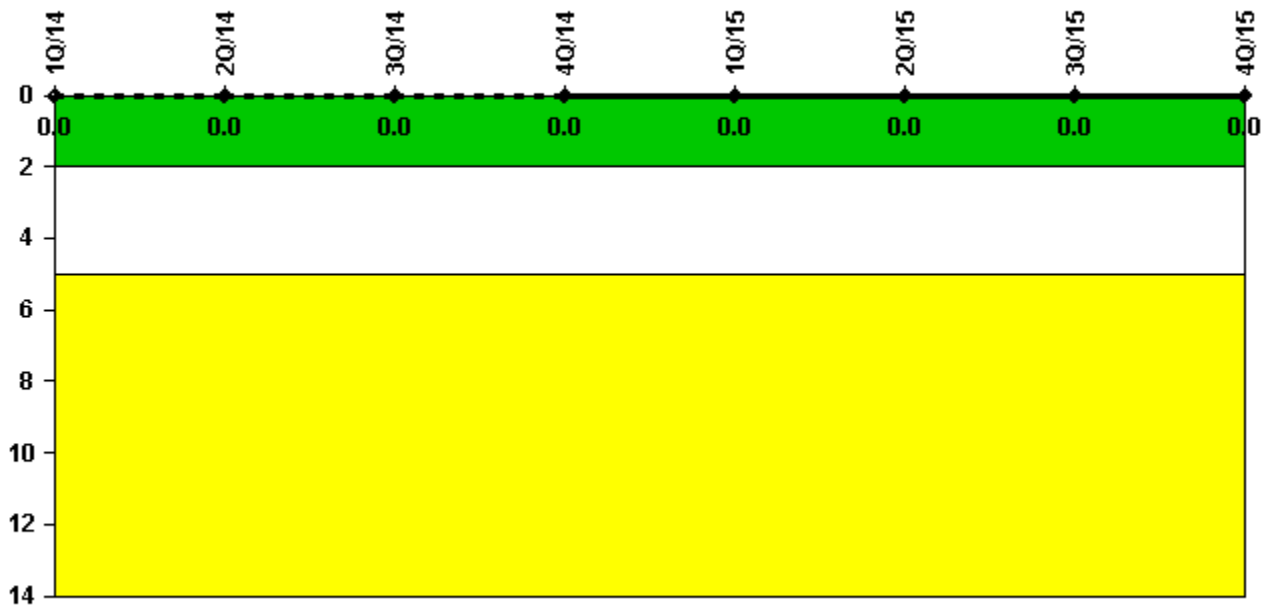
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Successful siren-tests	581	580	746	664	581	581	746	664
Total sirens-tests	581	581	747	664	581	581	747	664
Indicator value	99.8%	99.9%	99.9%	99.9%	99.9%	100.0%	100.0%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



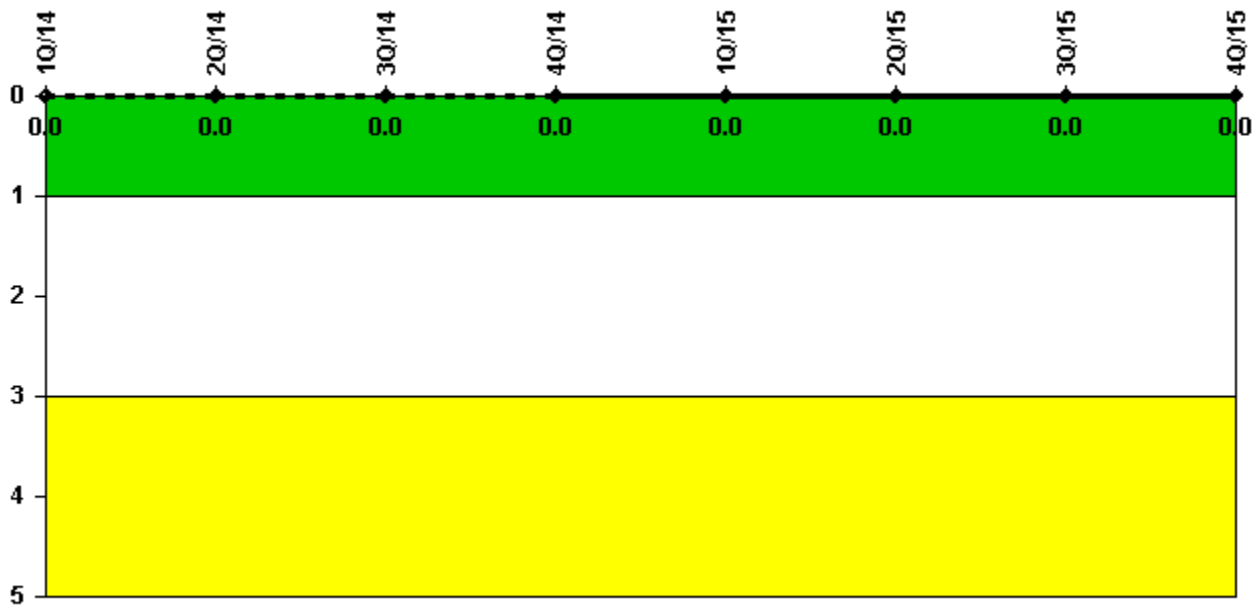
Thresholds: White > 2.0 Yellow > 5.0

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	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/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	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: March 1, 2016

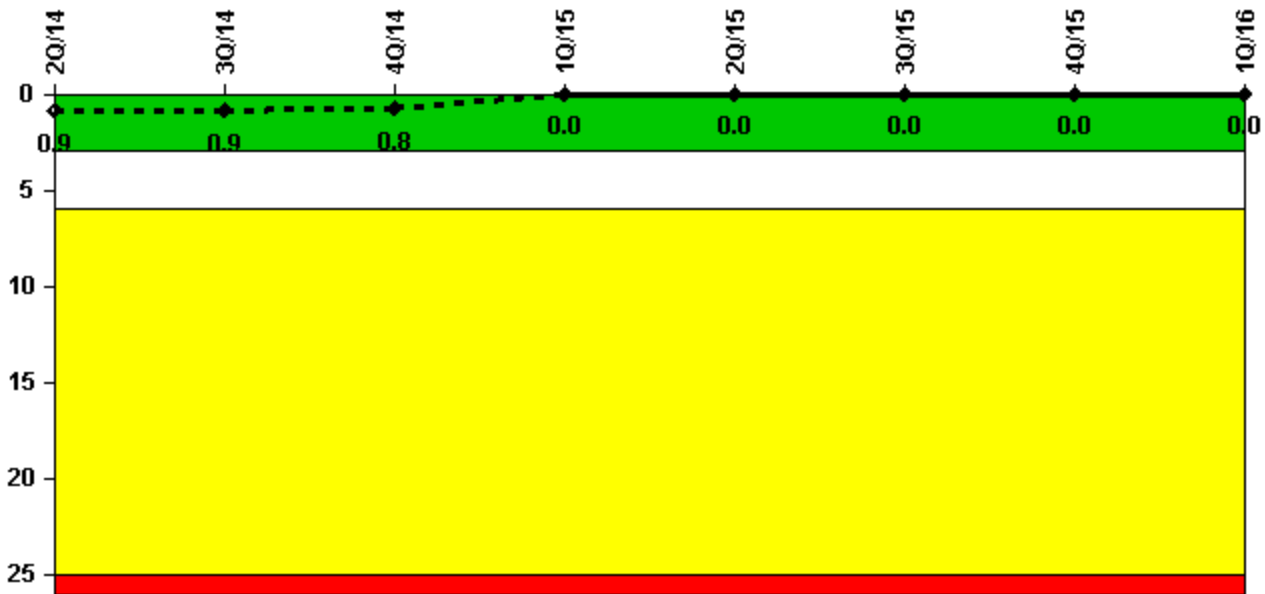
Harris 1

1Q/2016 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



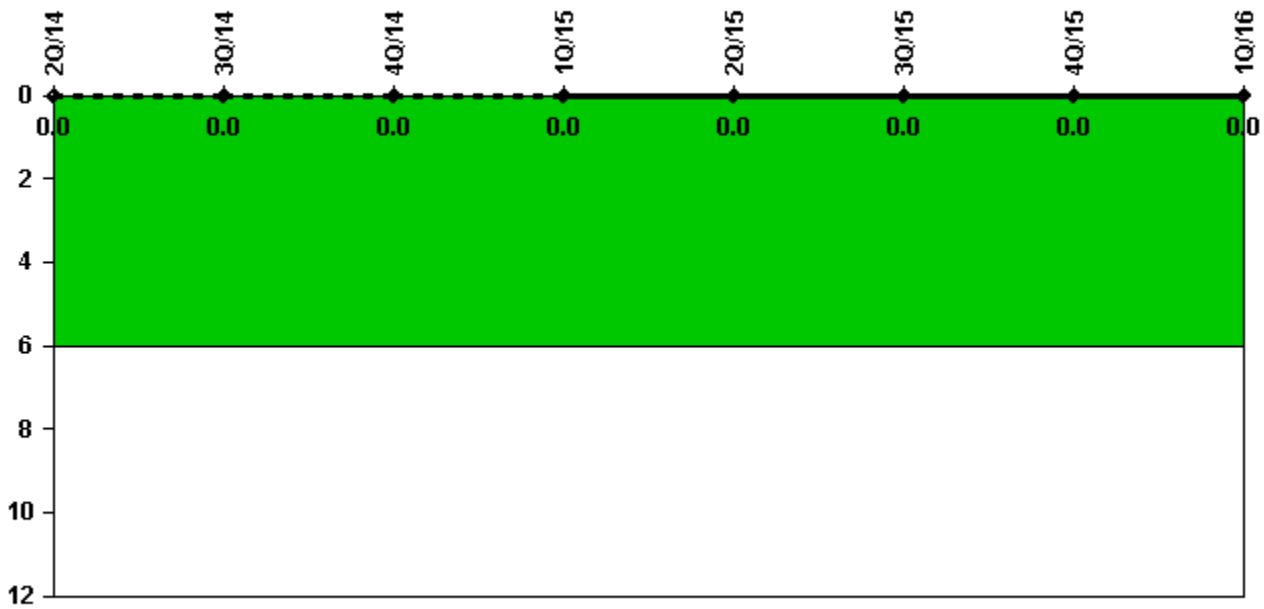
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2050.3	2208.0	2209.0	2159.0	1166.2	2208.0	2209.0	2183.0
Indicator value	0.9	0.9	0.8	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



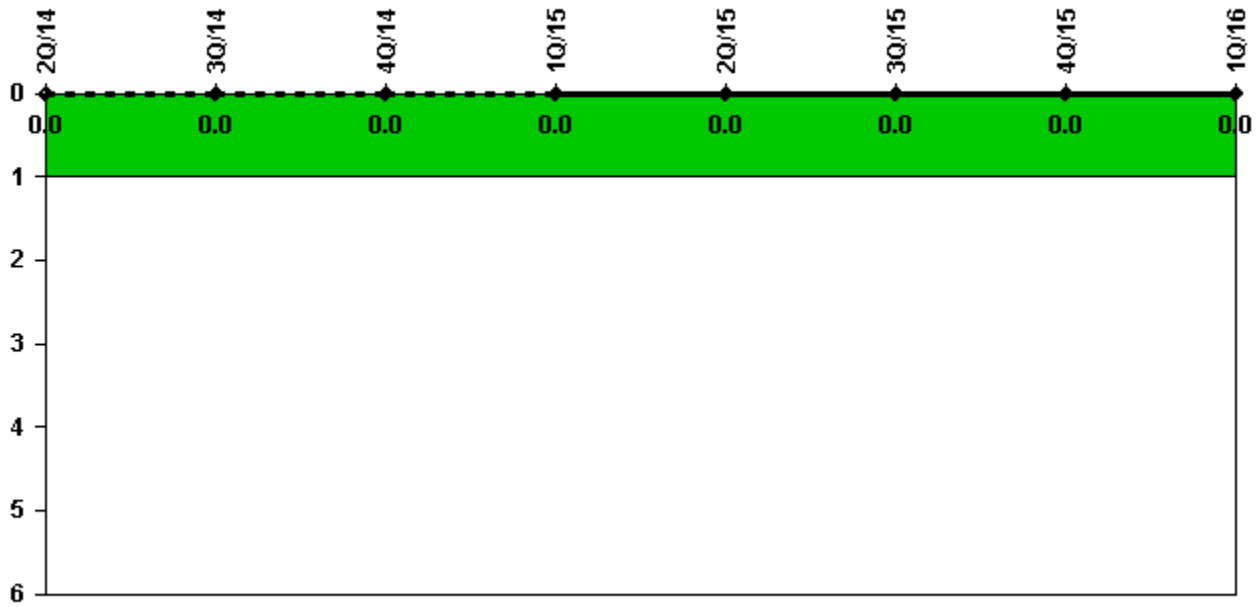
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/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	2050.3	2208.0	2209.0	2159.0	1166.2	2208.0	2209.0	2183.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



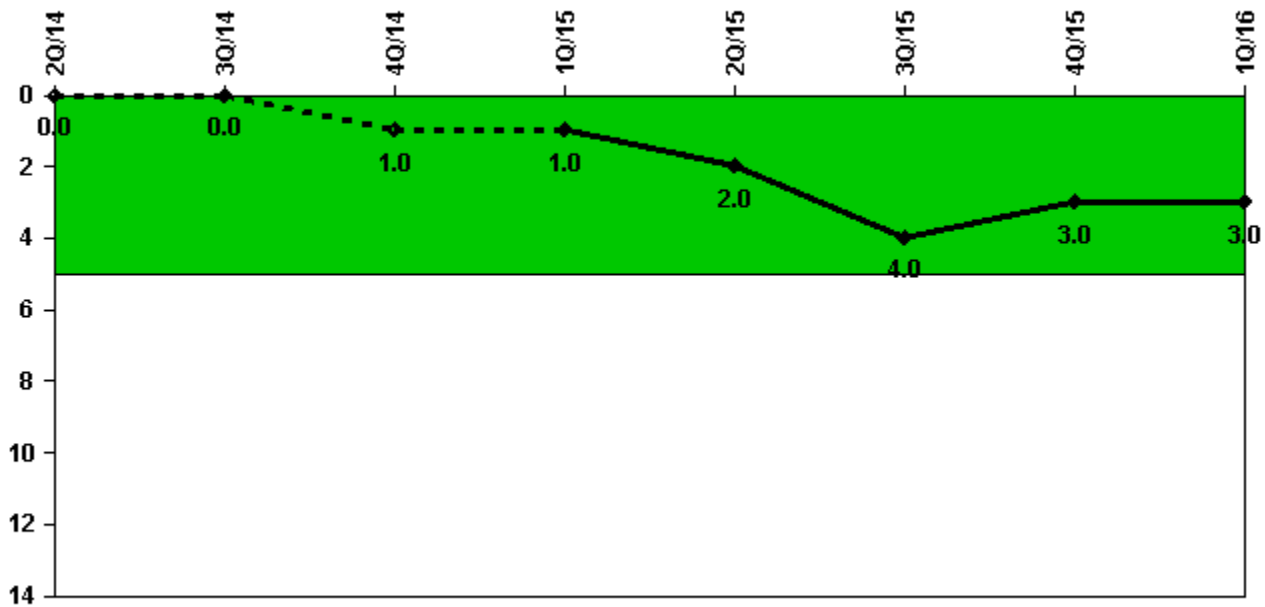
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

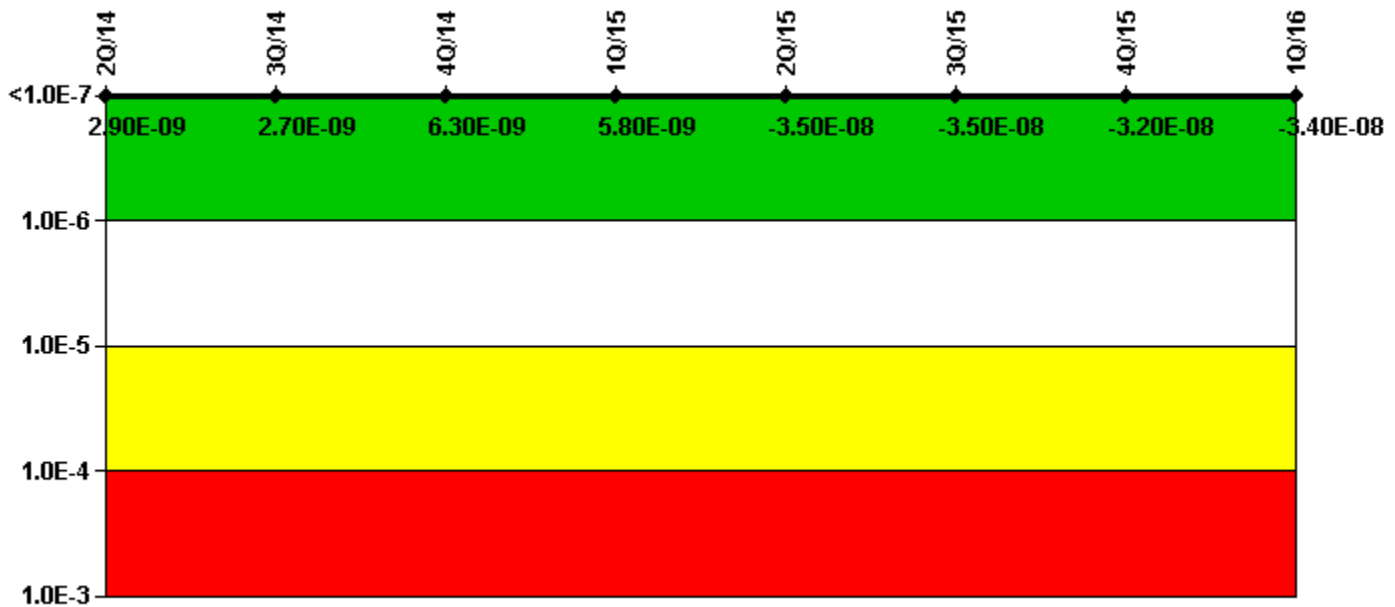
Safety System Functional Failures (PWR)	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Safety System Functional Failures	0	0	1	0	1	2	0	0
Indicator value	0	0	1	1	2	4	3	3

Licensee Comments:

3Q/15: Licensee Event Reports were submitted in both July 2015 and August 2015 that involved safety system functional failures. They were LER 2015-004-01 and LER 2015-005-00, respectively.

2Q/15: There was one Licensee Event Report submitted in June 2015 which involved a safety system functional failure. LER No. 2015-002-00

Mitigating Systems Performance Index, Emergency AC Power System



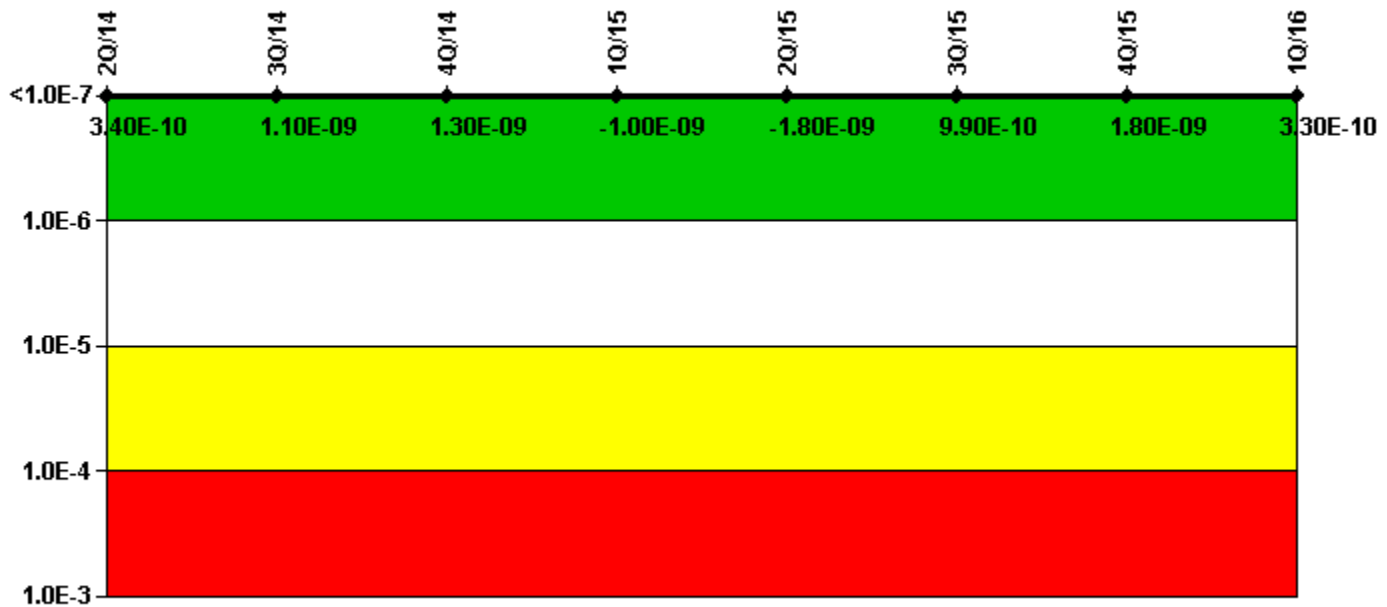
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
UAI (Δ CDF)	1.22E-08	1.17E-08	1.48E-08	1.44E-08	1.44E-08	1.44E-08	1.72E-08	1.52E-08
URI (Δ CDF)	-9.34E-09	-8.93E-09	-8.51E-09	-8.51E-09	-4.96E-08	-4.96E-08	-4.96E-08	-4.96E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.90E-09	2.70E-09	6.30E-09	5.80E-09	-3.50E-08	-3.50E-08	-3.20E-08	-3.40E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



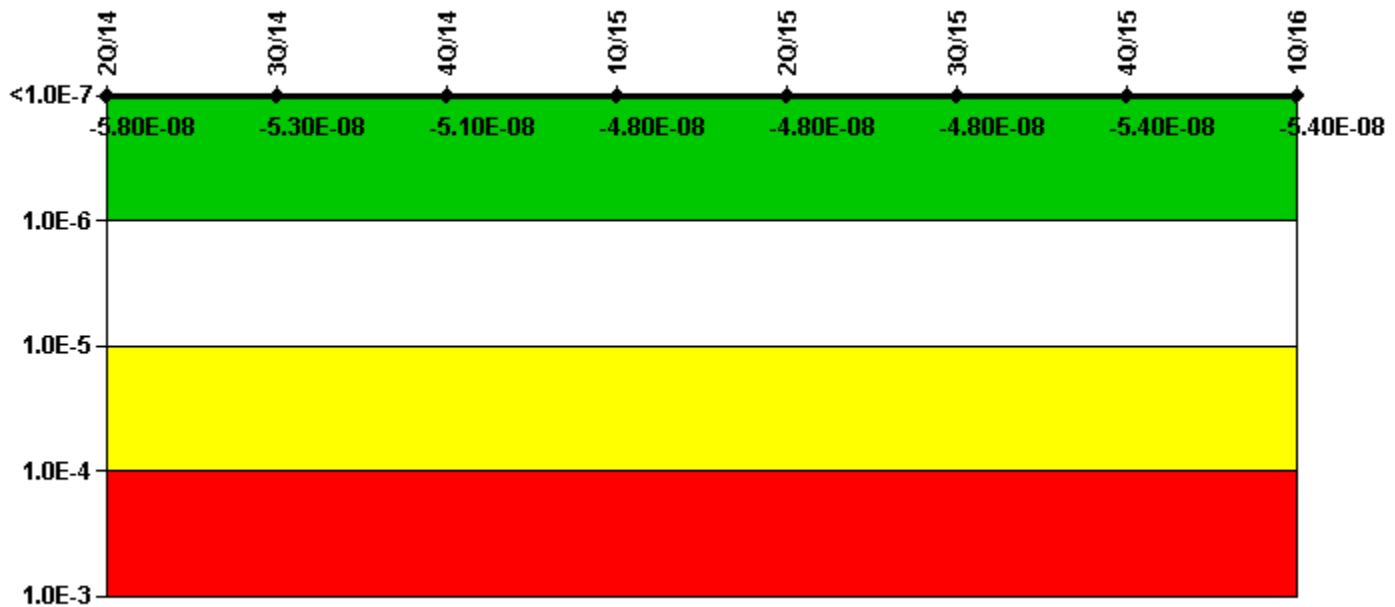
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
UAI (Δ CDF)	9.67E-09	1.03E-08	1.04E-08	8.11E-09	7.32E-09	1.01E-08	1.09E-08	9.44E-09
URI (Δ CDF)	-9.33E-09	-9.22E-09	-9.11E-09	-9.11E-09	-9.11E-09	-9.11E-09	-9.11E-09	-9.11E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.40E-10	1.10E-09	1.30E-09	-1.00E-09	-1.80E-09	9.90E-10	1.80E-09	3.30E-10

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



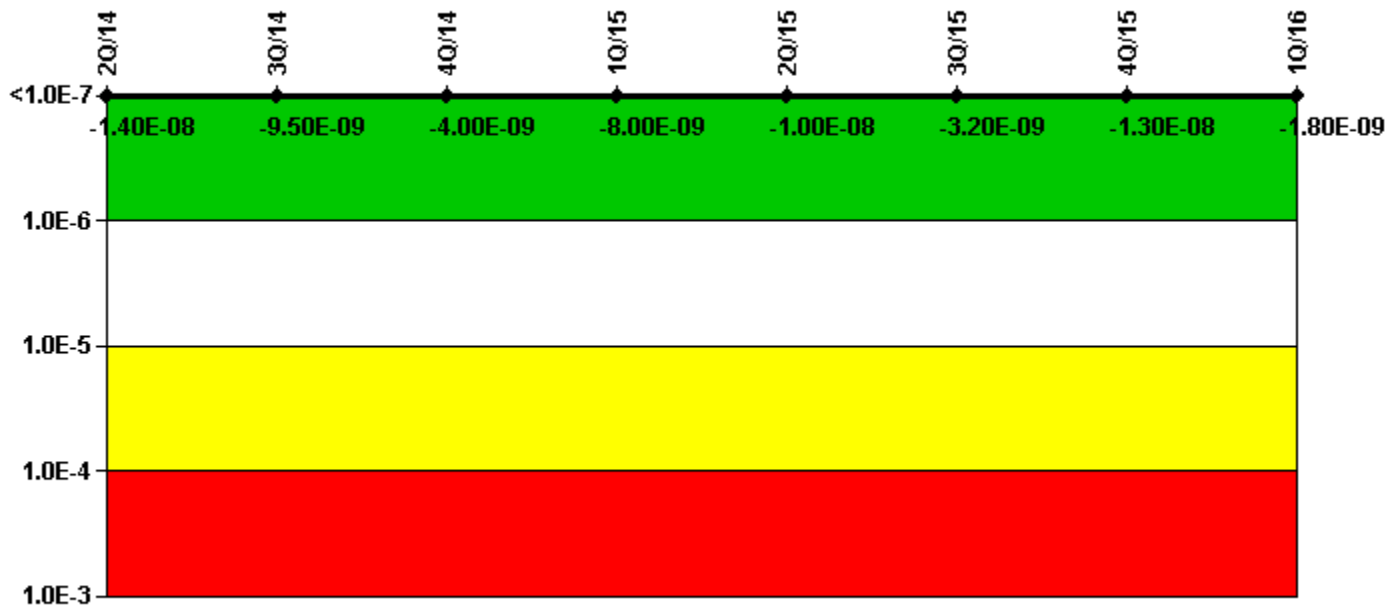
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
UAI (Δ CDF)	9.49E-09	1.25E-08	1.25E-08	1.51E-08	1.52E-08	1.52E-08	9.31E-09	1.09E-08
URI (Δ CDF)	-6.75E-08	-6.56E-08	-6.33E-08	-6.33E-08	-6.33E-08	-6.33E-08	-6.33E-08	-6.49E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.80E-08	-5.30E-08	-5.10E-08	-4.80E-08	-4.80E-08	-4.80E-08	-5.40E-08	-5.40E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



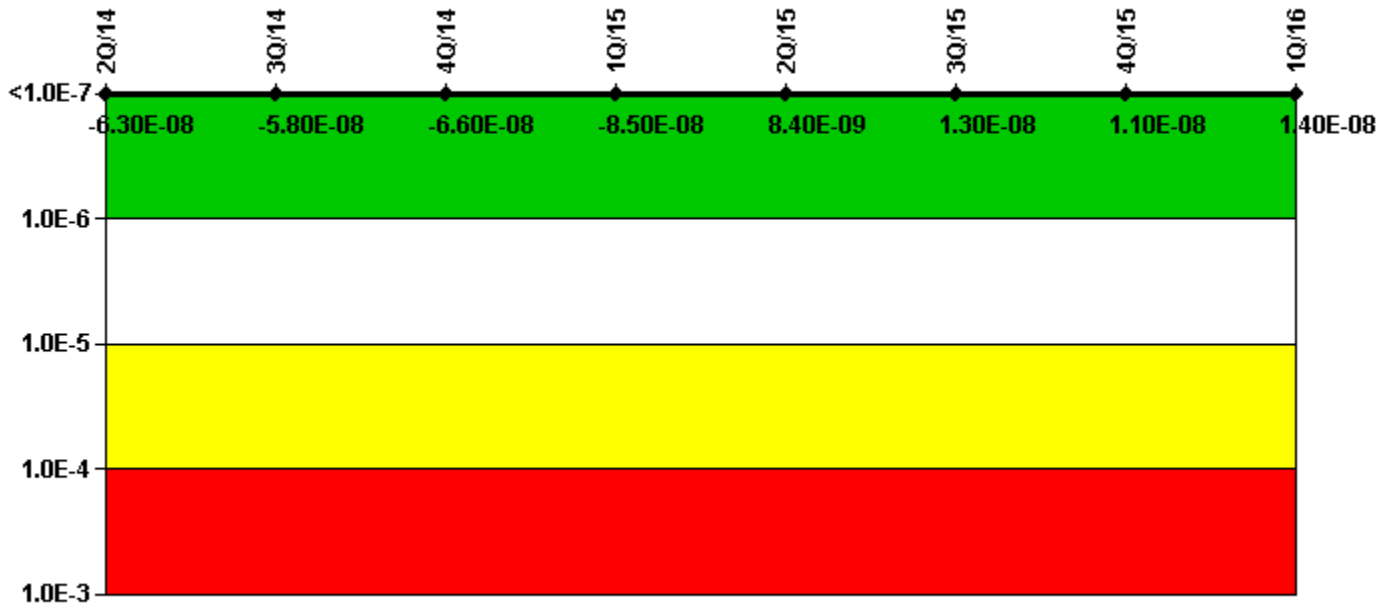
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
UAI (Δ CDF)	1.55E-08	1.92E-08	2.42E-08	2.02E-08	1.82E-08	2.49E-08	1.51E-08	2.64E-08
URI (Δ CDF)	-2.93E-08	-2.88E-08	-2.82E-08	-2.82E-08	-2.82E-08	-2.82E-08	-2.82E-08	-2.82E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.40E-08	-9.50E-09	-4.00E-09	-8.00E-09	-1.00E-08	-3.20E-09	-1.30E-08	-1.80E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



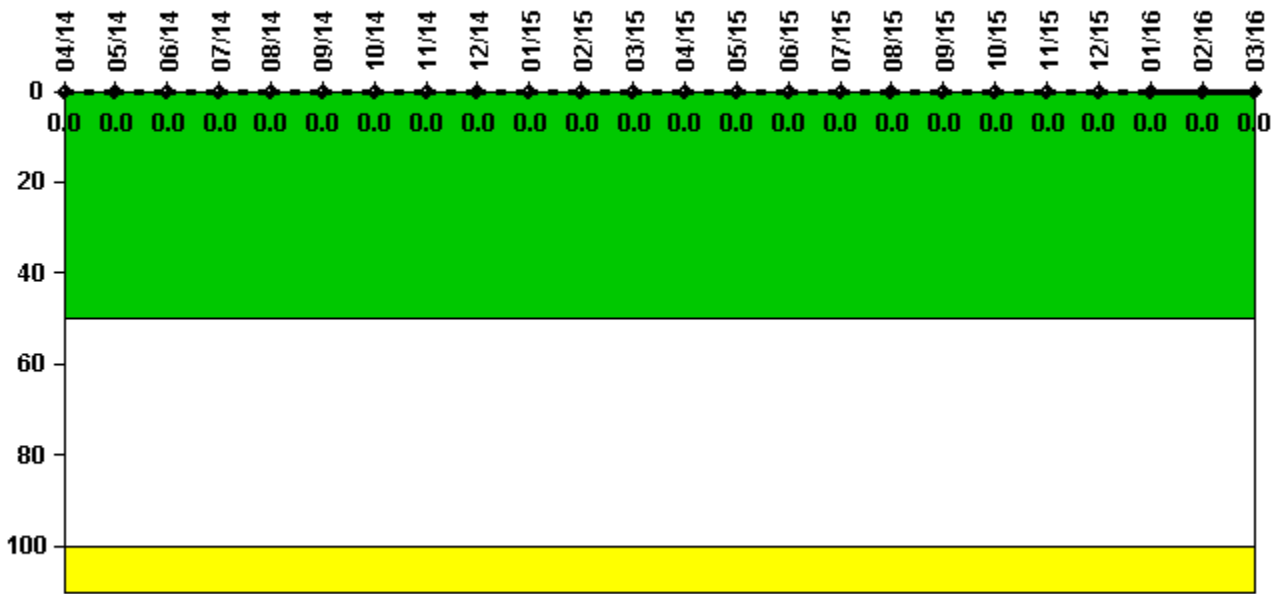
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
UAI (Δ CDF)	4.04E-08	4.46E-08	3.64E-08	1.73E-08	1.85E-08	2.28E-08	2.11E-08	2.42E-08
URI (Δ CDF)	-1.03E-07	-1.03E-07	-1.02E-07	-1.02E-07	-1.01E-08	-1.01E-08	-1.01E-08	-1.01E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.30E-08	-5.80E-08	-6.60E-08	-8.50E-08	8.40E-09	1.30E-08	1.10E-08	1.40E-08

Licensee Comments: none

Reactor Coolant System Activity



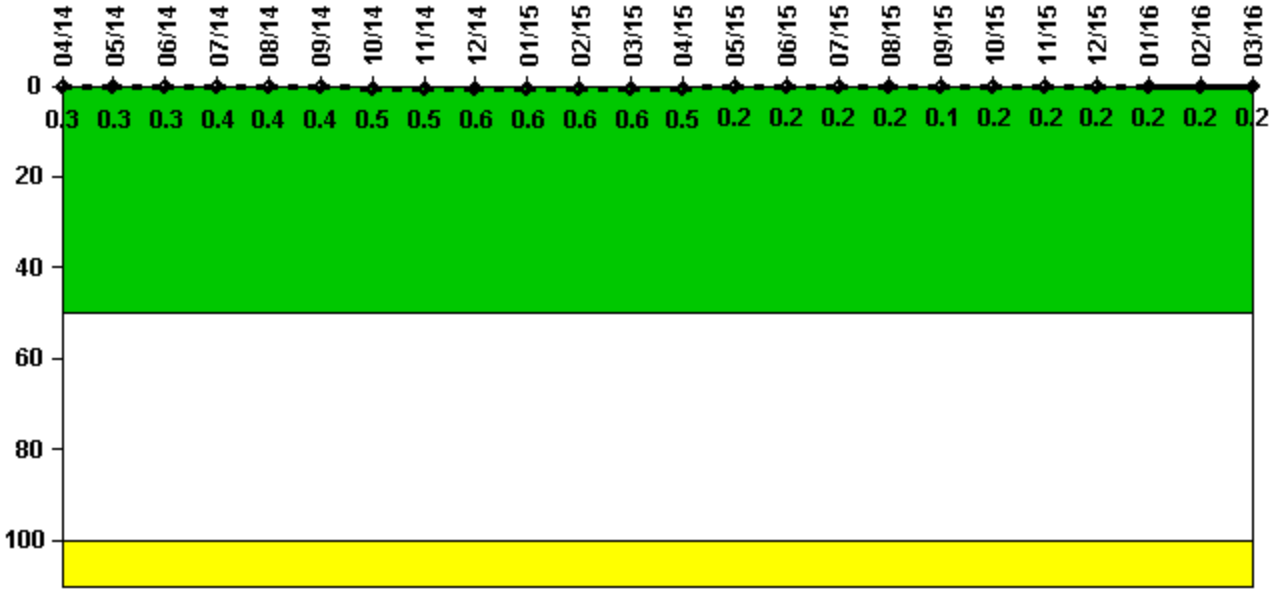
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	4/14	5/14	6/14	7/14	8/14	9/14	10/14	11/14	12/14	1/15	2/15	3/15
Maximum activity	0.000330	0.000130	0.000139	0.000147	0.000131	0.000138	0.000138	0.000147	0.000155	0.000153	0.000160	0.000162
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	4/15	5/15	6/15	7/15	8/15	9/15	10/15	11/15	12/15	1/16	2/16	3/16
Maximum activity	0.000159	0.000090	0.000092	0.000404	0.000089	0.000094	0.000147	0.000104	0.000163	0.000346	0.000114	0.000139
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



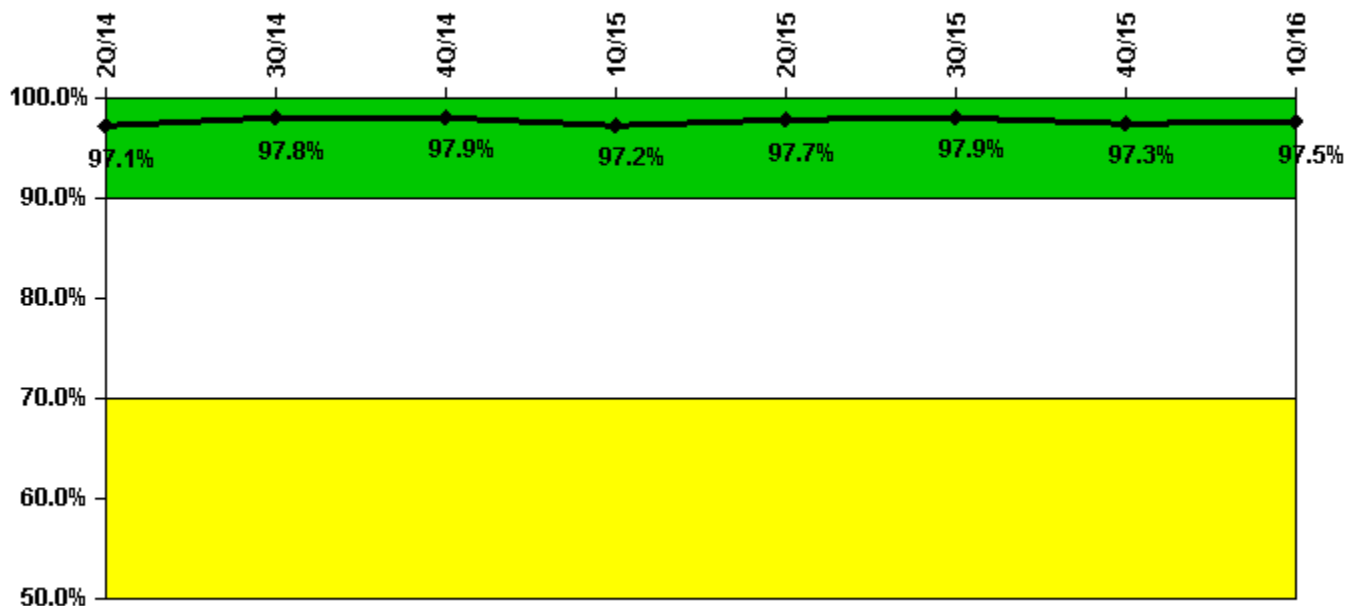
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/14	5/14	6/14	7/14	8/14	9/14	10/14	11/14	12/14	1/15	2/15	3/15
Maximum leakage	0.029	0.029	0.030	0.035	0.036	0.042	0.051	0.054	0.055	0.058	0.056	0.055
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.6	0.6
Reactor Coolant System Leakage	4/15	5/15	6/15	7/15	8/15	9/15	10/15	11/15	12/15	1/16	2/16	3/16
Maximum leakage	0.050	0.019	0.018	0.016	0.015	0.014	0.015	0.015	0.015	0.015	0.017	0.019
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2

Licensee Comments: none

Drill/Exercise Performance



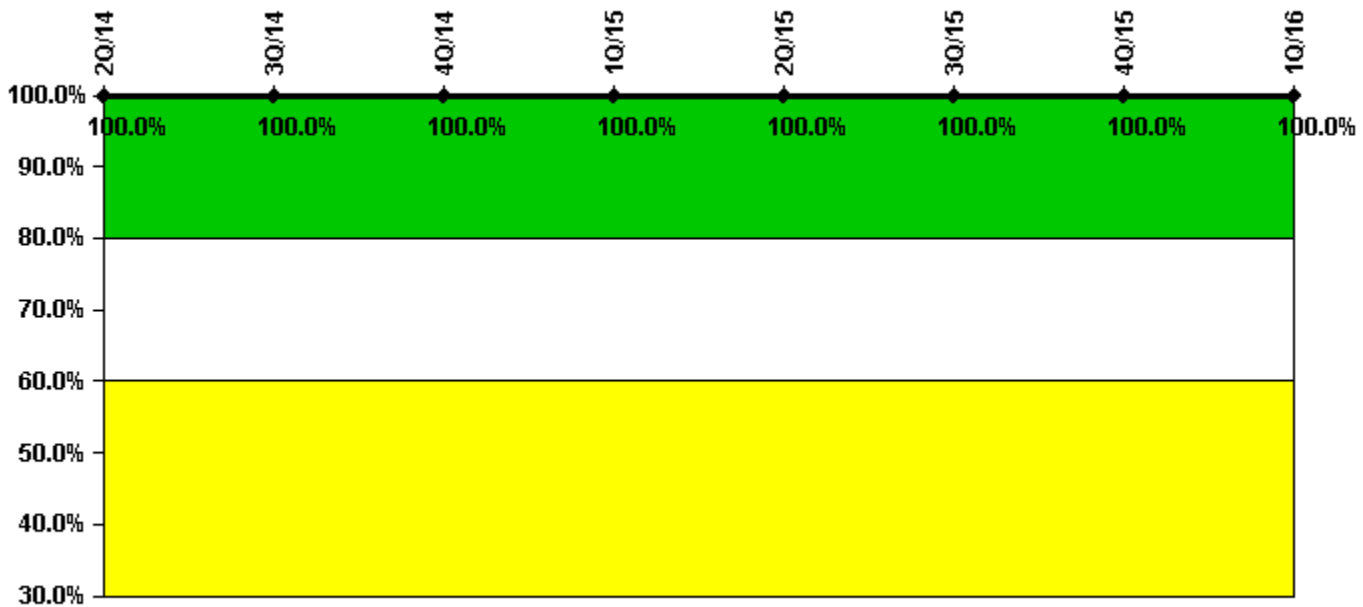
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Successful opportunities	44.0	31.0	28.0	24.0	11.0	38.0	33.0	29.0
Total opportunities	44.0	32.0	28.0	26.0	11.0	39.0	35.0	29.0
Indicator value	97.1%	97.8%	97.9%	97.2%	97.7%	97.9%	97.3%	97.5%

Licensee Comments: none

ERO Drill Participation



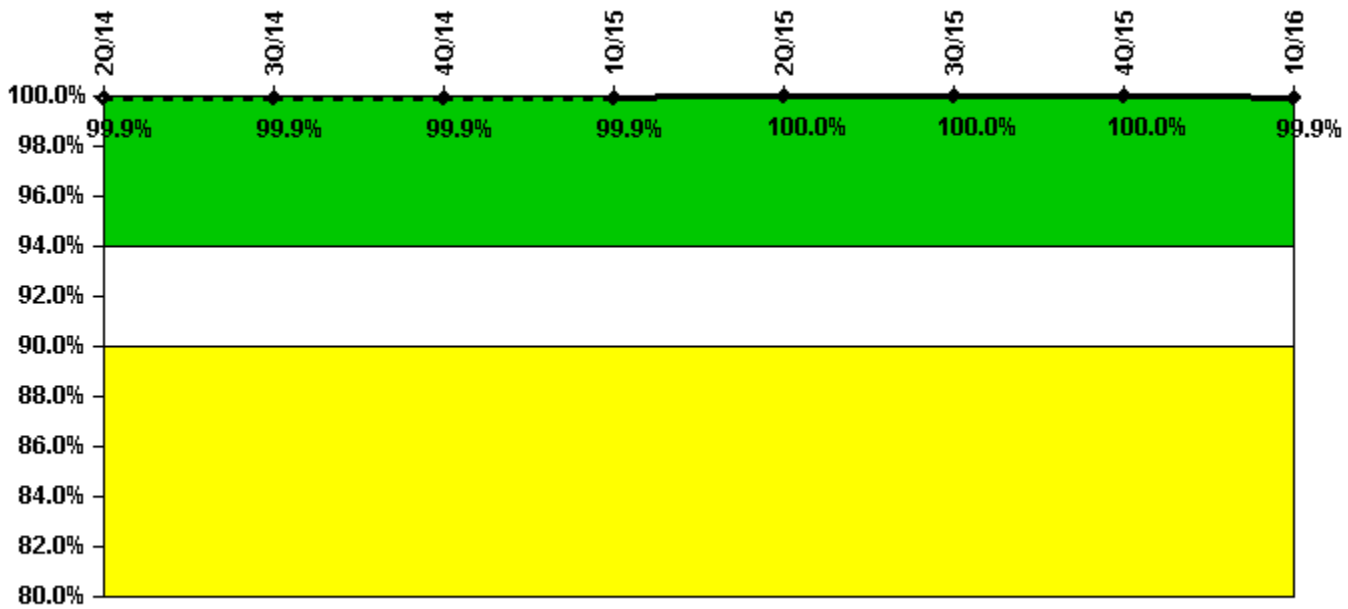
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Participating Key personnel	49.0	50.0	54.0	55.0	54.0	49.0	51.0	55.0
Total Key personnel	49.0	50.0	54.0	55.0	54.0	49.0	51.0	55.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



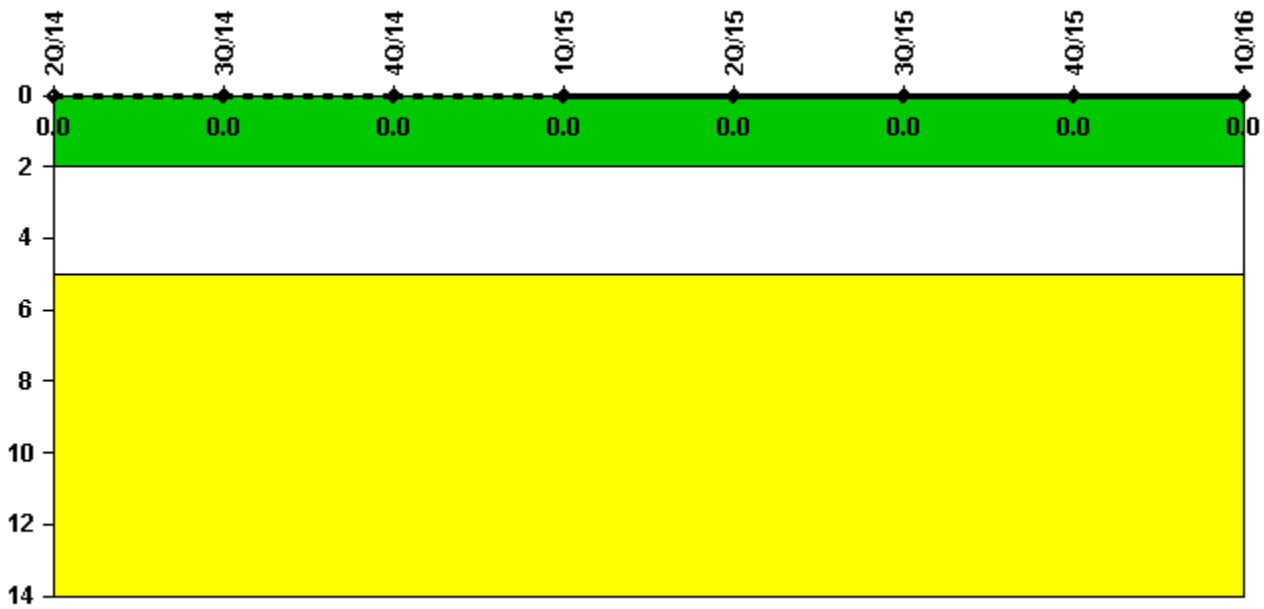
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Successful siren-tests	580	746	664	581	581	746	664	580
Total sirens-tests	581	747	664	581	581	747	664	581
Indicator value	99.9%	99.9%	99.9%	99.9%	100.0%	100.0%	100.0%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



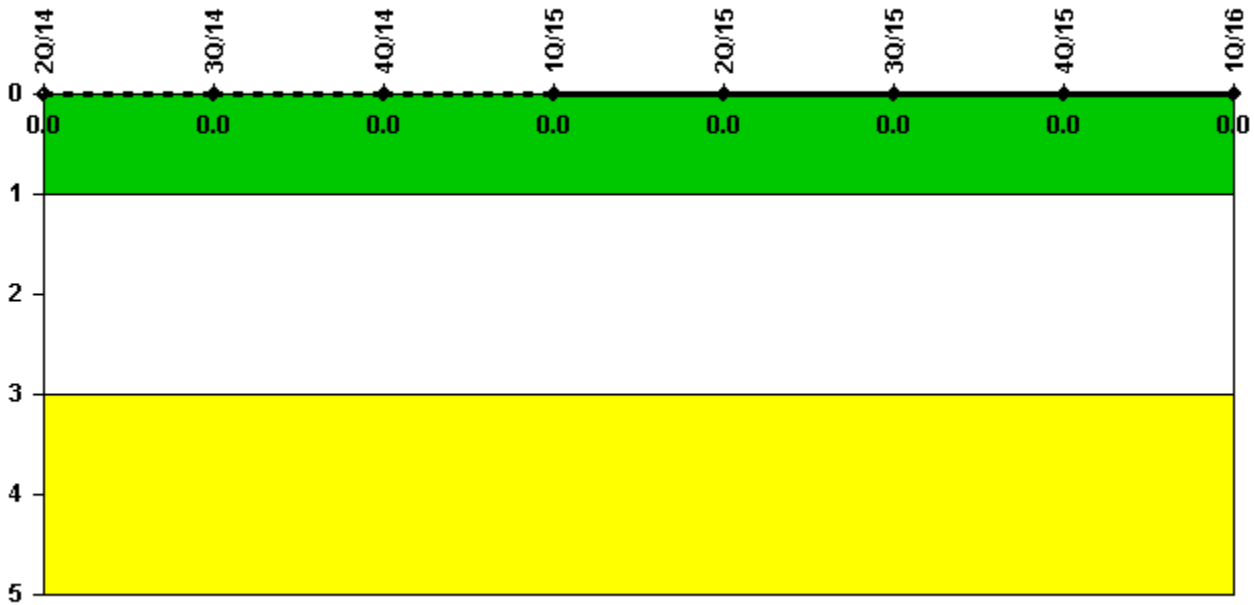
Thresholds: White > 2.0 Yellow > 5.0

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	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/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	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, 2016

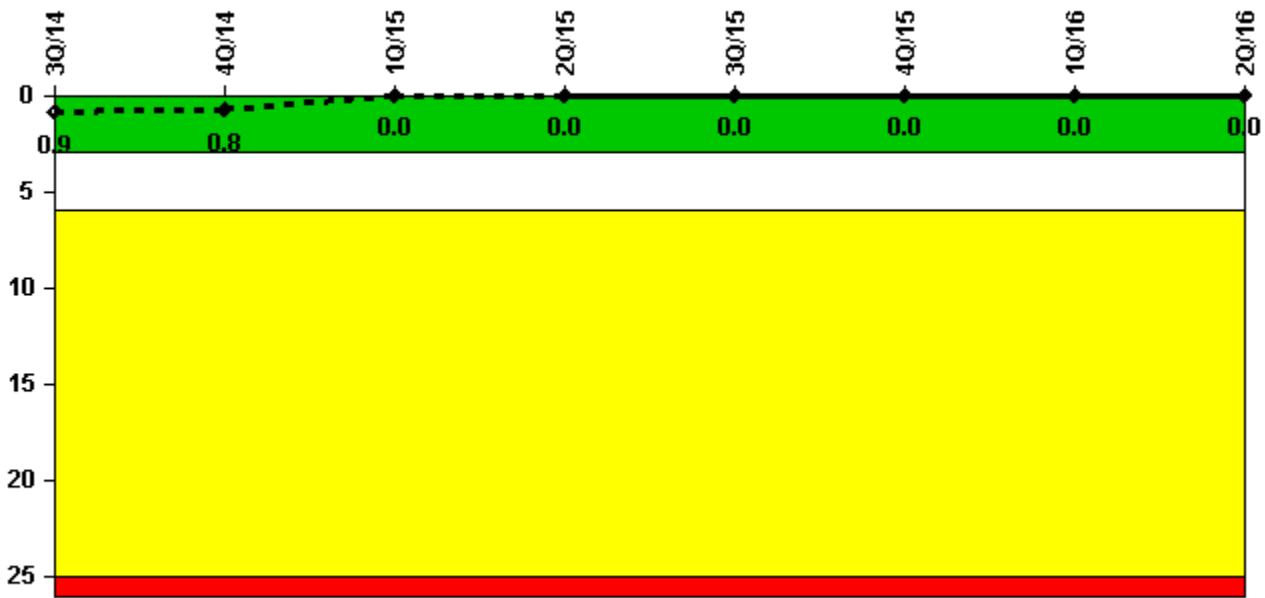
Harris 1

2Q/2016 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: Unavailability was not previously taken for sequencer relay work. Revisions took place in June 2016 to account for sequencer relay work. No impact to indicator color.

Unplanned Scrams per 7000 Critical Hrs



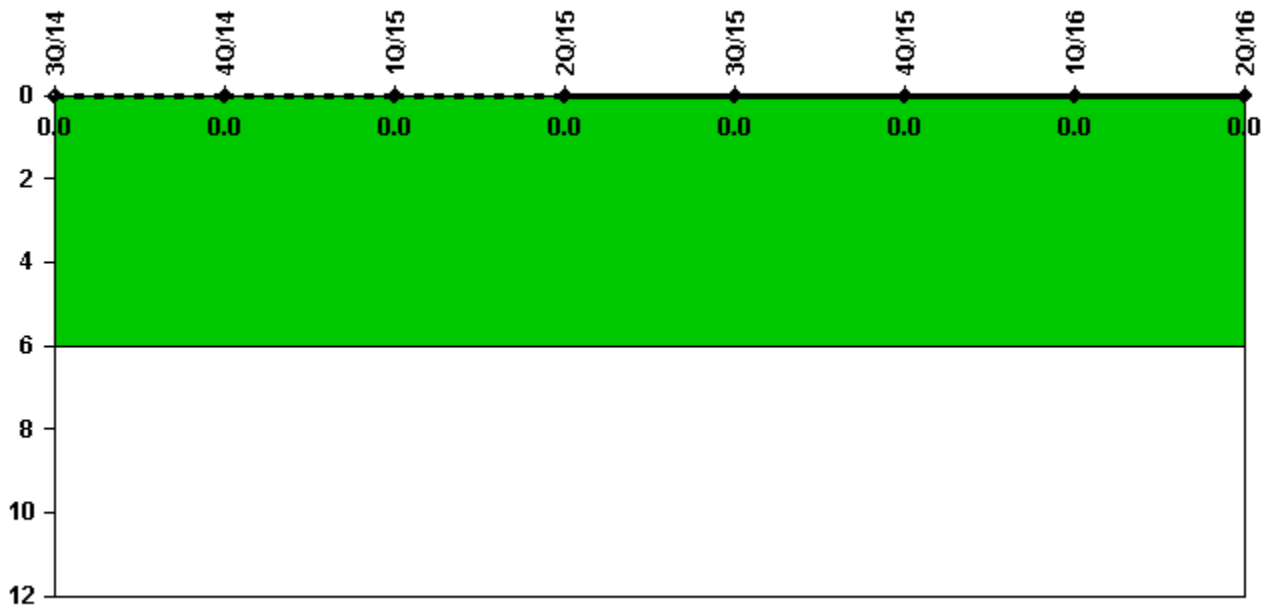
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2208.0	2209.0	2159.0	1166.2	2208.0	2209.0	2183.0	2184.0
Indicator value	0.9	0.8	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



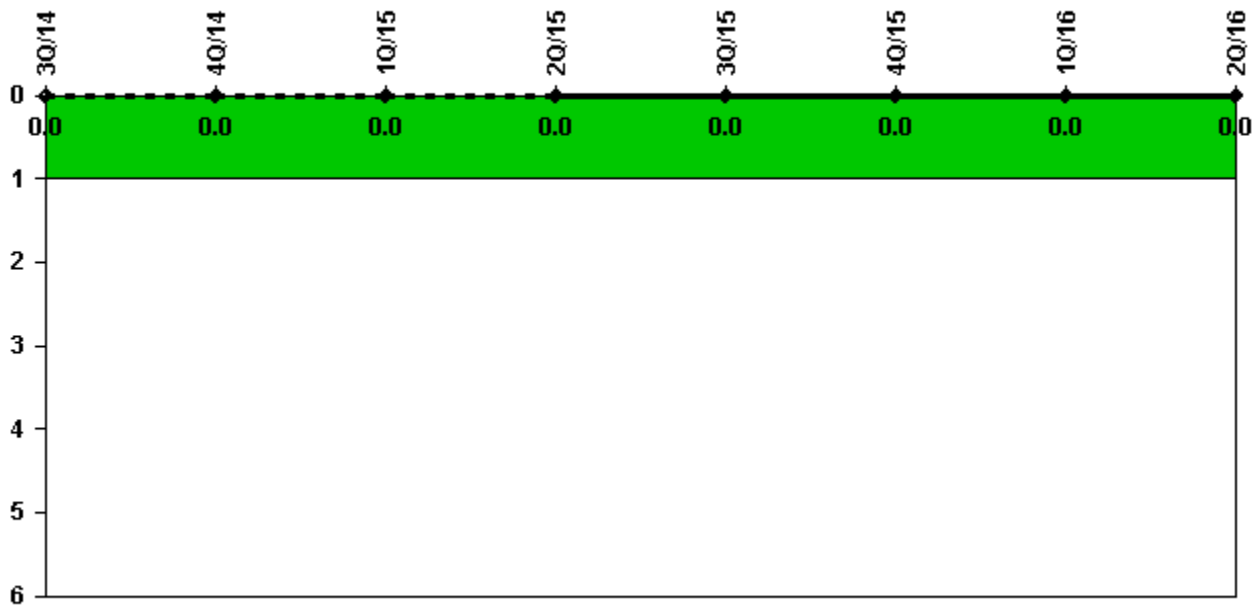
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/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	2159.0	1166.2	2208.0	2209.0	2183.0	2184.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



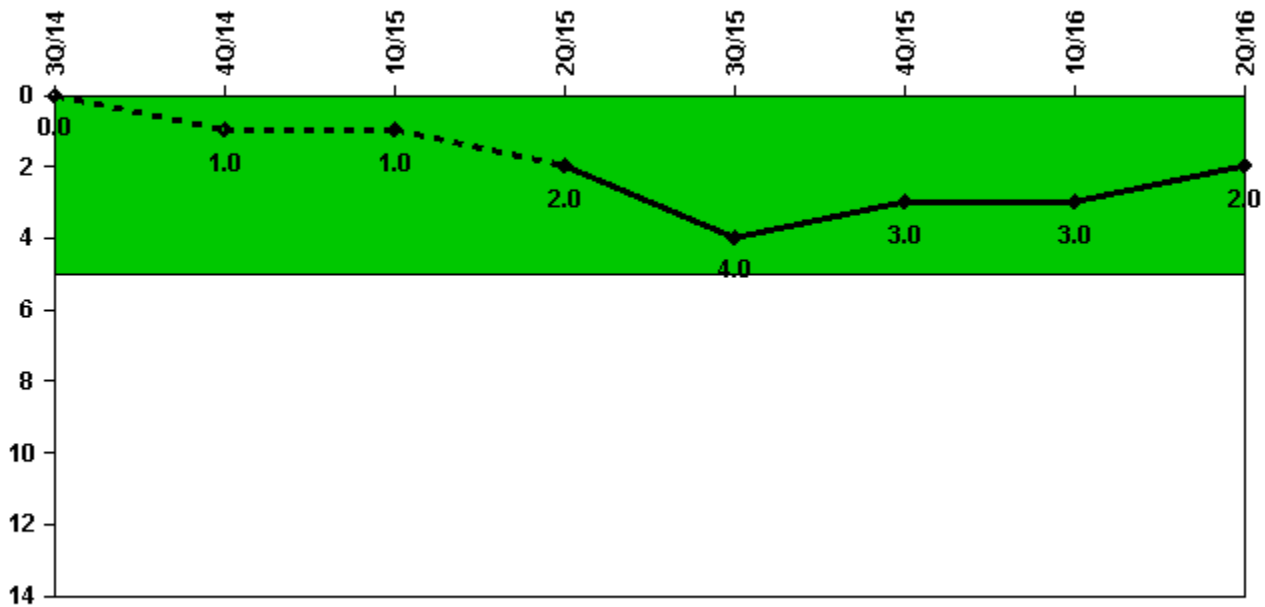
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/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	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

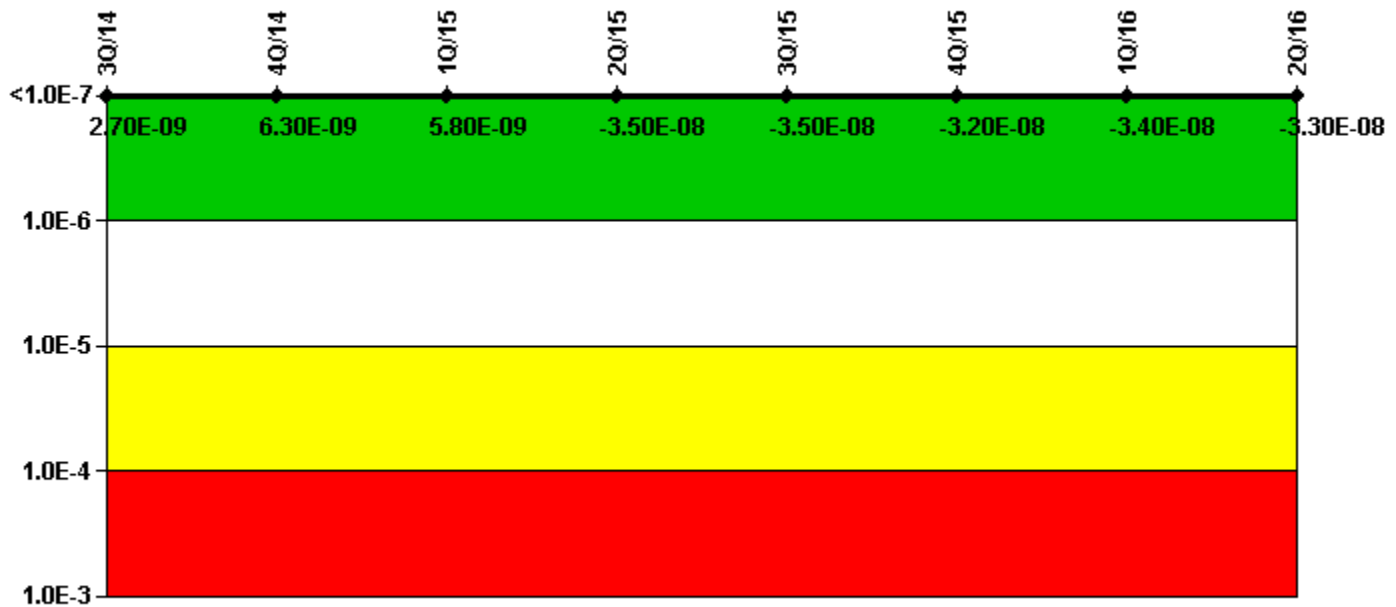
Safety System Functional Failures (PWR)	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Safety System Functional Failures	0	1	0	1	2	0	0	0
Indicator value	0	1	1	2	4	3	3	2

Licensee Comments:

3Q/15: Licensee Event Reports were submitted in both July 2015 and August 2015 that involved safety system functional failures. They were LER 2015-004-01 and LER 2015-005-00, respectively.

2Q/15: There was one Licensee Event Report submitted in June 2015 which involved a safety system functional failure. LER No. 2015-002-00

Mitigating Systems Performance Index, Emergency AC Power System



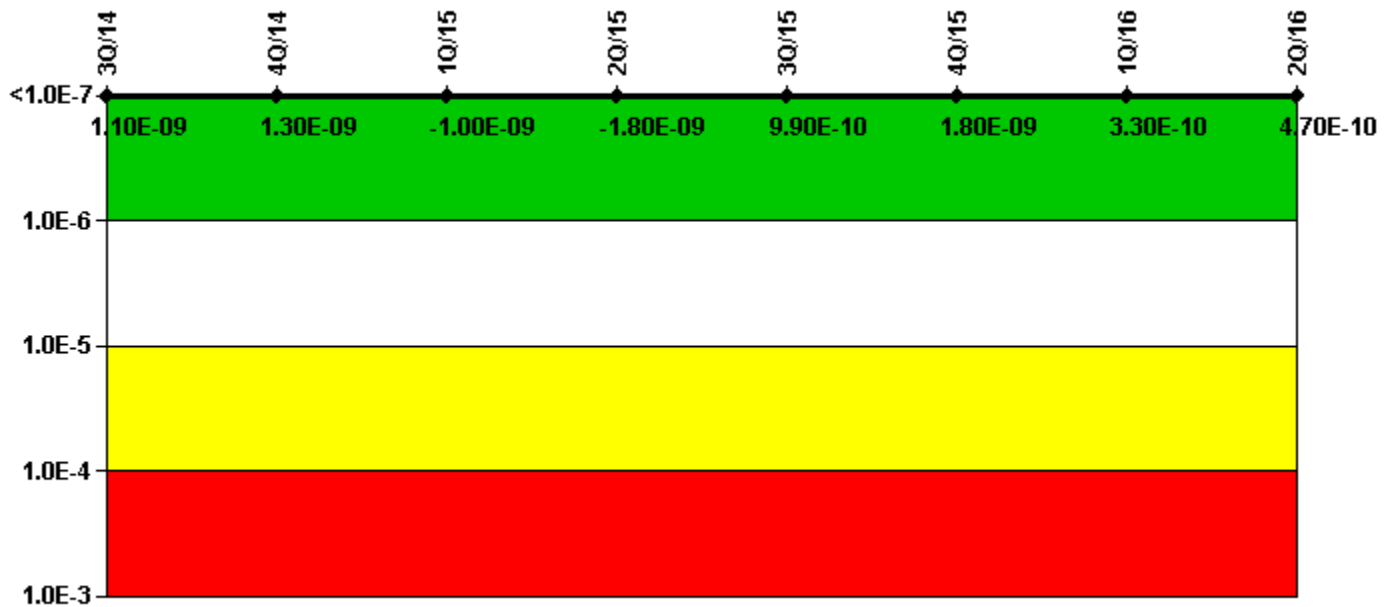
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
UAI (Δ CDF)	1.17E-08	1.48E-08	1.44E-08	1.44E-08	1.44E-08	1.72E-08	1.52E-08	1.65E-08
URI (Δ CDF)	-8.93E-09	-8.51E-09	-8.51E-09	-4.96E-08	-4.96E-08	-4.96E-08	-4.96E-08	-4.96E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.70E-09	6.30E-09	5.80E-09	-3.50E-08	-3.50E-08	-3.20E-08	-3.40E-08	-3.30E-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/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
UAI (Δ CDF)	1.03E-08	1.04E-08	8.11E-09	7.32E-09	1.01E-08	1.09E-08	9.44E-09	9.58E-09
URI (Δ CDF)	-9.22E-09	-9.11E-09	-9.11E-09	-9.11E-09	-9.11E-09	-9.11E-09	-9.11E-09	-9.11E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.10E-09	1.30E-09	-1.00E-09	-1.80E-09	9.90E-10	1.80E-09	3.30E-10	4.70E-10

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)	1.25E-08	1.25E-08	1.51E-08	1.52E-08	1.52E-08	9.31E-09	1.34E-08	1.18E-08
URI (Δ CDF)	-6.56E-08	-6.33E-08	-6.33E-08	-6.33E-08	-6.33E-08	-6.33E-08	-6.49E-08	-6.49E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.30E-08	-5.10E-08	-4.80E-08	-4.80E-08	-4.80E-08	-5.40E-08	-5.20E-08	-5.30E-08

Licensee Comments:

2Q/16: The March 2016 data was revised to account for an incorrect interpretation of MSPI in-scope boundary components (Unavailability for sequencer relay work). Pump Train 'A' planned unavailable hours were revised from 0 to 6.7 hours, due to maintenance. Data revised in June 2016. Minute impact to indicator values post March 2016 up to June 2016. No change in indicator color.

Mitigating Systems Performance Index, Residual Heat Removal System



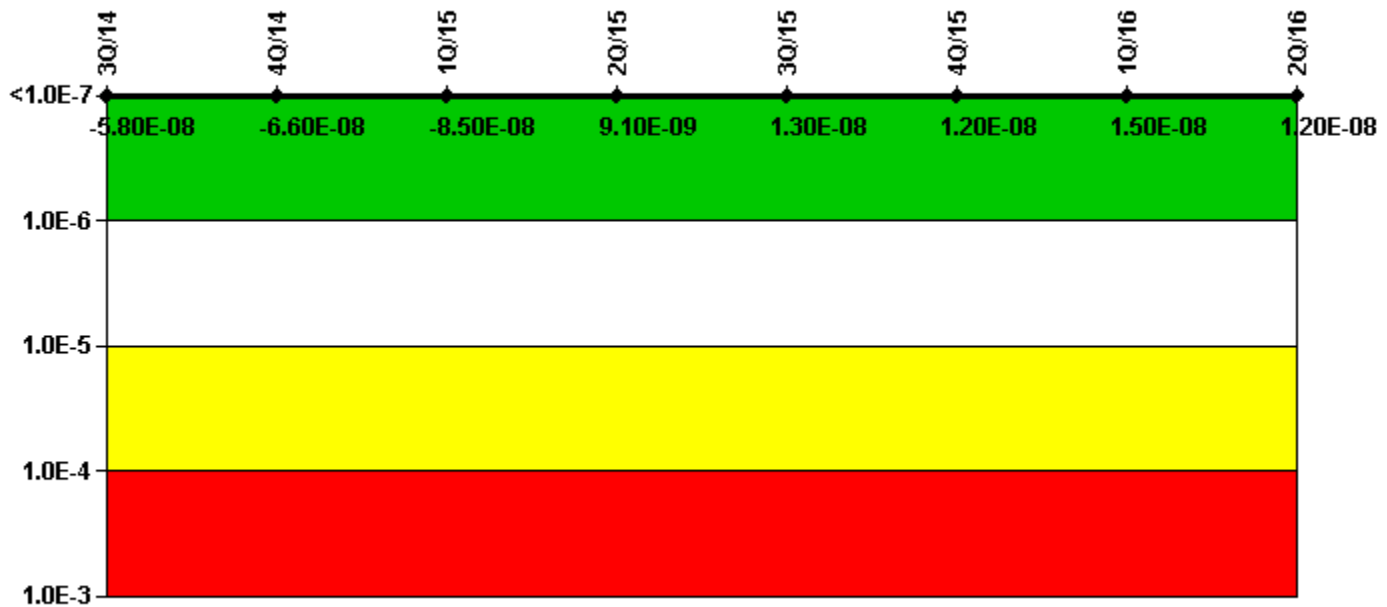
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	1.92E-08	2.42E-08	2.02E-08	1.82E-08	2.49E-08	1.51E-08	2.64E-08	3.85E-08
URI (Δ CDF)	-2.88E-08	-2.82E-08	-2.82E-08	-2.82E-08	-2.82E-08	-2.82E-08	-2.82E-08	-2.82E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-9.50E-09	-4.00E-09	-8.00E-09	-1.00E-08	-3.20E-09	-1.30E-08	-1.80E-09	1.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



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

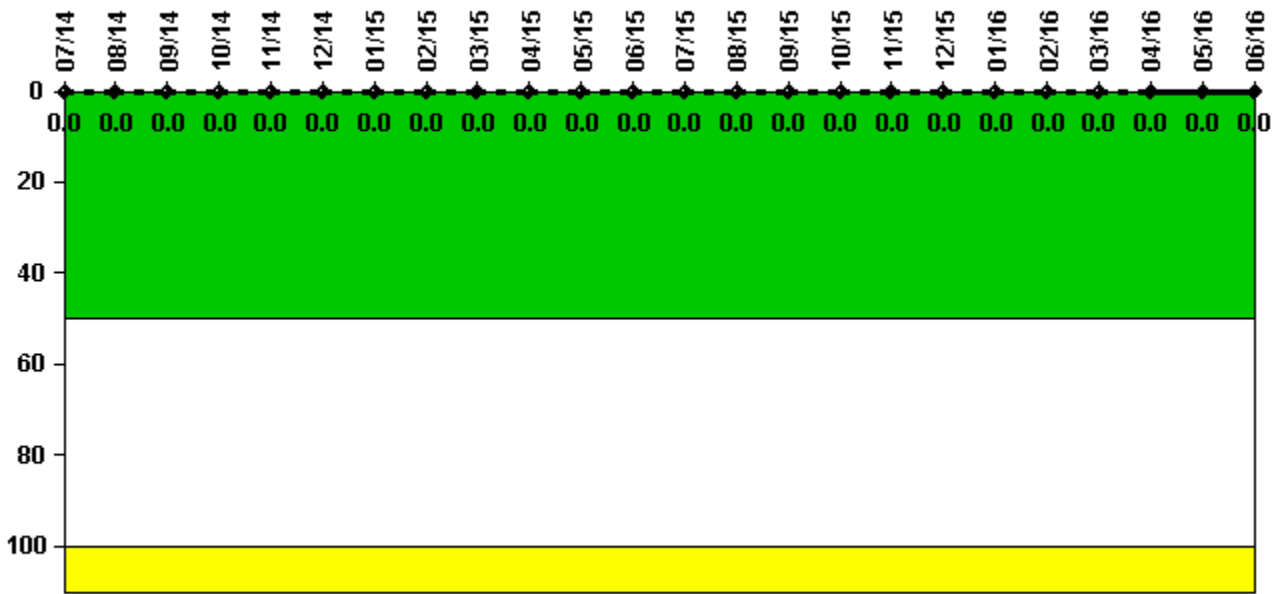
Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
UAI (Δ CDF)	4.46E-08	3.64E-08	1.73E-08	1.91E-08	2.35E-08	2.17E-08	2.49E-08	2.23E-08
URI (Δ CDF)	-1.03E-07	-1.02E-07	-1.02E-07	-1.01E-08	-1.01E-08	-1.01E-08	-1.01E-08	-1.01E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.80E-08	-6.60E-08	-8.50E-08	9.10E-09	1.30E-08	1.20E-08	1.50E-08	1.20E-08

Licensee Comments:

2Q/16: The May 2015 data was revised to account for an incorrect interpretation of MSPI in-scope boundary components (Unavailability for sequencer relay work). It was revised to reflect the 'A' ESW pump being unavailable for 3.35 hours instead of 0 hours. Data revised in June 2016. Minute impact to Indicator values post May 2015 and prior to June 2016. No change in indicator color.

Reactor Coolant System Activity



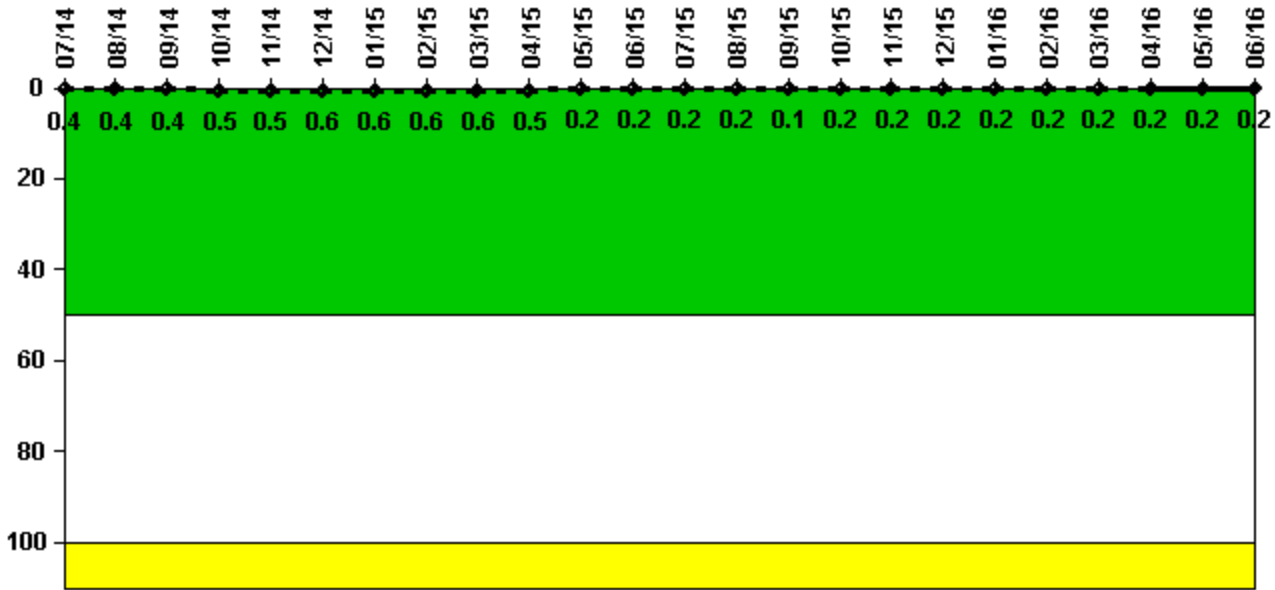
Thresholds: White > 50.0 Yellow > 100.0

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	0.000147	0.000131	0.000138	0.000138	0.000147	0.000155	0.000153	0.000160	0.000162	0.000159	0.000090	0.000092
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	7/15	8/15	9/15	10/15	11/15	12/15	1/16	2/16	3/16	4/16	5/16	6/16
Maximum activity	0.000404	0.000089	0.000094	0.000147	0.000104	0.000163	0.000346	0.000114	0.000139	0.000172	0.000122	0.000125
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

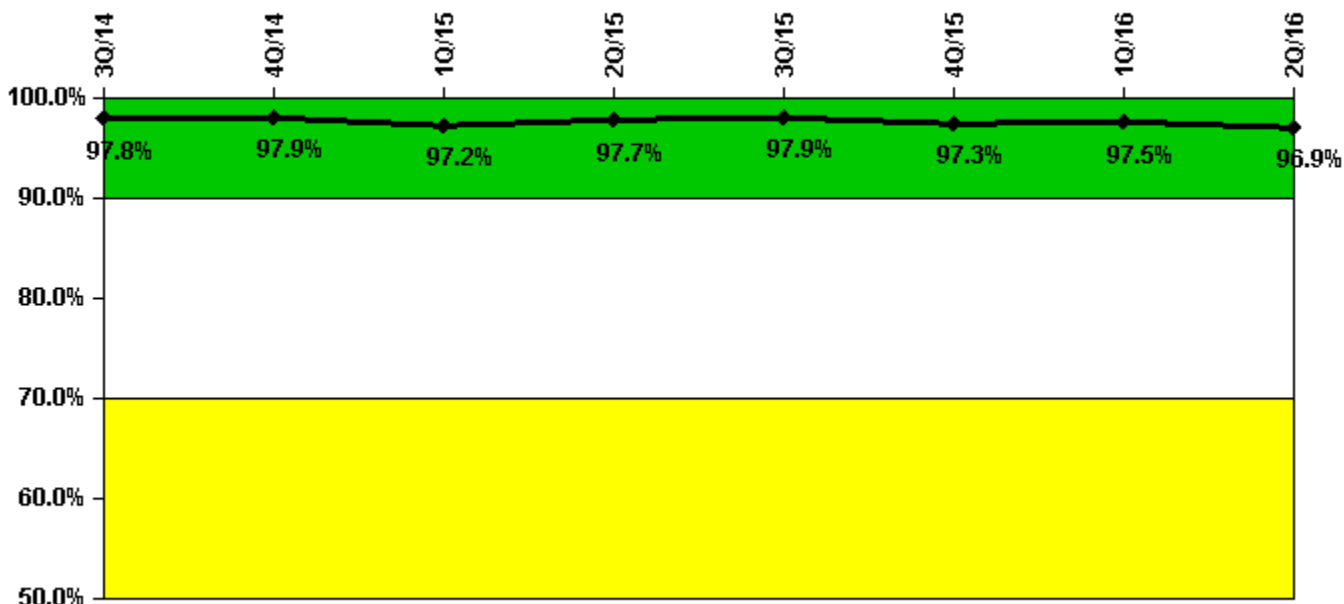
Notes

Reactor Coolant System Leakage	7/14	8/14	9/14	10/14	11/14	12/14	1/15	2/15	3/15	4/15	5/15	6/15
Maximum leakage	0.035	0.036	0.042	0.051	0.054	0.055	0.058	0.056	0.055	0.050	0.019	0.018
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.6	0.6	0.5	0.2	0.2

Reactor Coolant System Leakage	7/15	8/15	9/15	10/15	11/15	12/15	1/16	2/16	3/16	4/16	5/16	6/16
Maximum leakage	0.016	0.015	0.014	0.015	0.015	0.015	0.015	0.017	0.019	0.017	0.016	0.017
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

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	31.0	28.0	24.0	11.0	38.0	33.0	29.0	28.0
Total opportunities	32.0	28.0	26.0	11.0	39.0	35.0	29.0	29.0
Indicator value	97.8%	97.9%	97.2%	97.7%	97.9%	97.3%	97.5%	96.9%

Licensee Comments: none

ERO Drill Participation



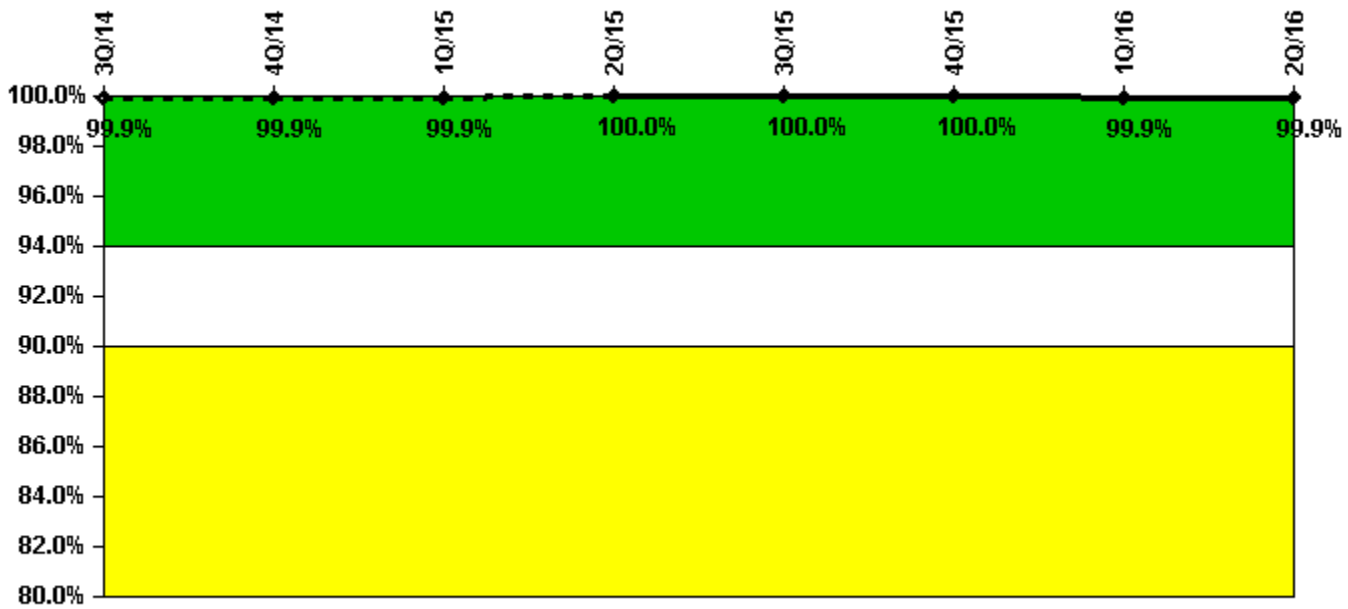
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Participating Key personnel	50.0	54.0	55.0	54.0	49.0	51.0	55.0	54.0
Total Key personnel	50.0	54.0	55.0	54.0	49.0	51.0	55.0	54.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



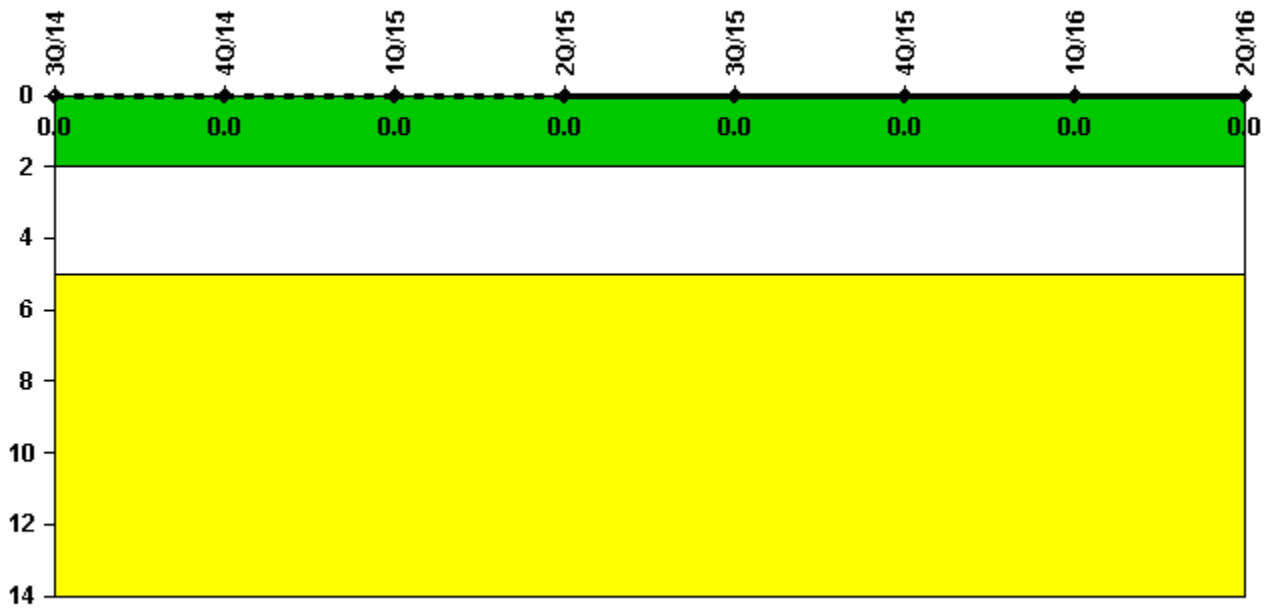
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Successful siren-tests	746	664	581	581	746	664	580	664
Total sirens-tests	747	664	581	581	747	664	581	664
Indicator value	99.9%	99.9%	99.9%	100.0%	100.0%	100.0%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



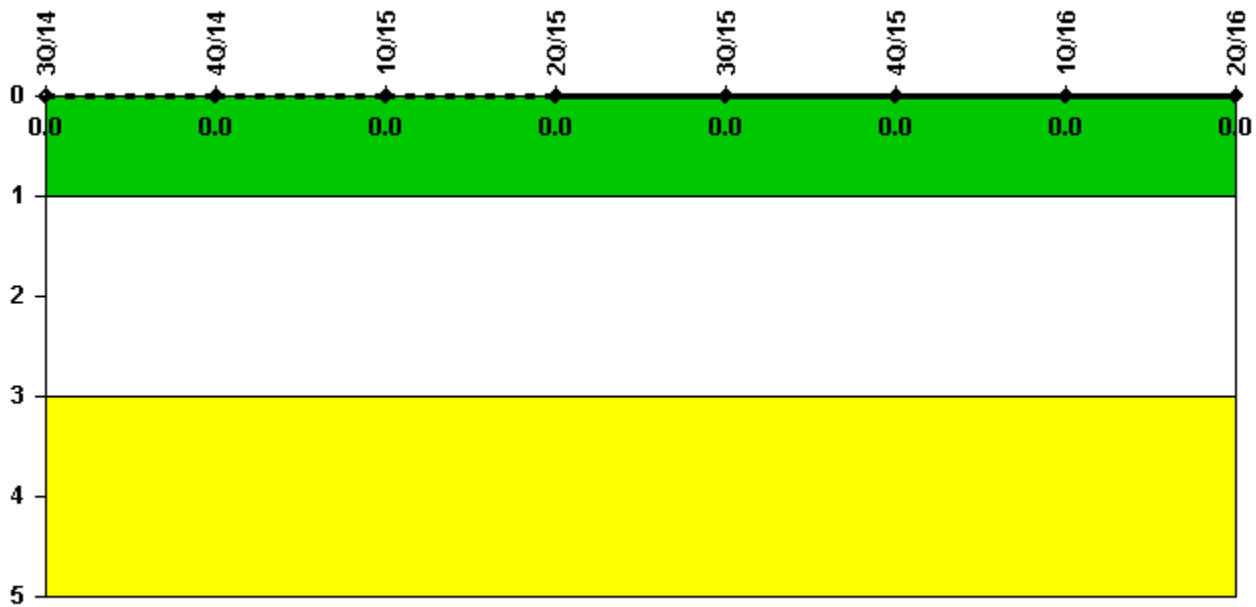
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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	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/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	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 25, 2016

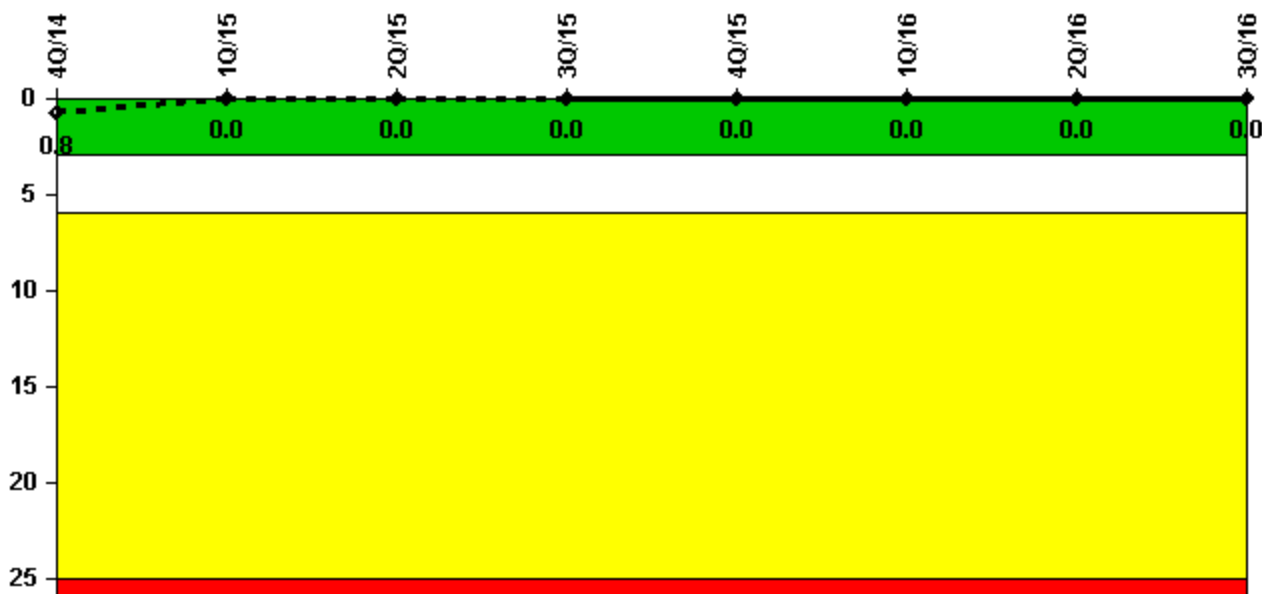
Harris 1

3Q/2016 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



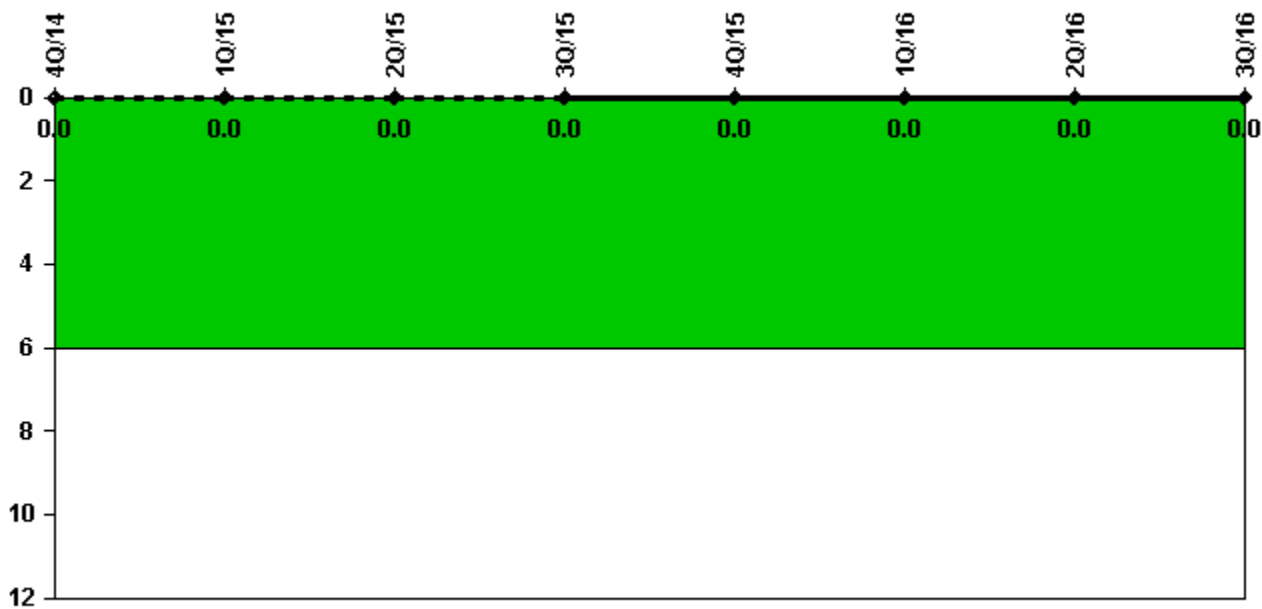
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2209.0	2159.0	1166.2	2208.0	2209.0	2183.0	2184.0	2208.0
Indicator value	0.8	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



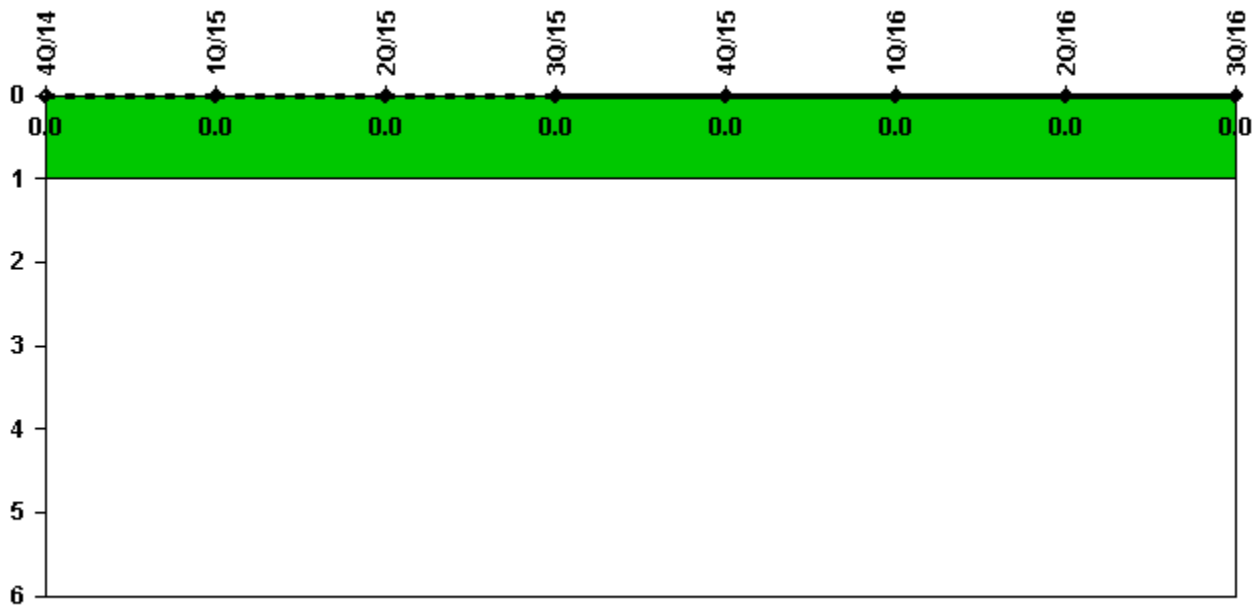
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2209.0	2159.0	1166.2	2208.0	2209.0	2183.0	2184.0	2208.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



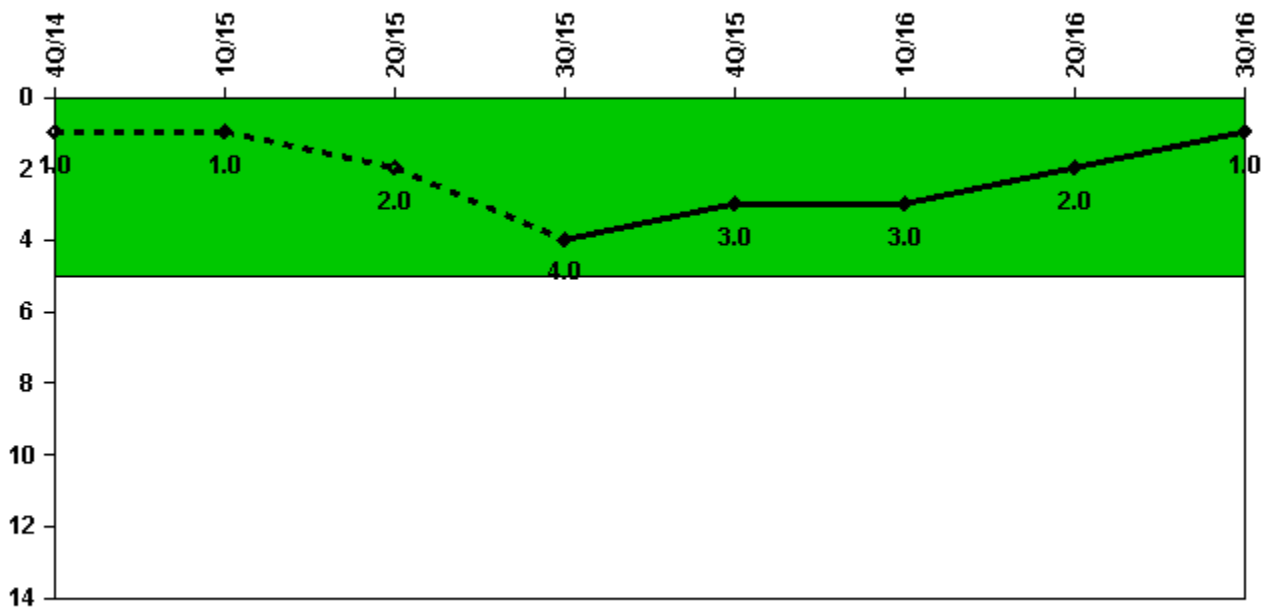
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Safety System Functional Failures	1	0	1	2	0	0	0	1
Indicator value	1	1	2	4	3	3	2	1

Licensee Comments:

3Q/16: Licensee Event Report was submitted in September 2016 that involved a safety system functional failure (LER 2016-001-00). Multiple failures related to Tornado Missile Protection reported as one in accordance with FAQ 16-03 guidance.

3Q/15: Licensee Event Reports were submitted in both July 2015 and August 2015 that involved safety system functional failures. They were LER 2015-004-01 and LER 2015-005-00, respectively.

2Q/15: There was one Licensee Event Report submitted in June 2015 which involved a safety system functional failure. LER No. 2015-002-00

Mitigating Systems Performance Index, Emergency AC Power System



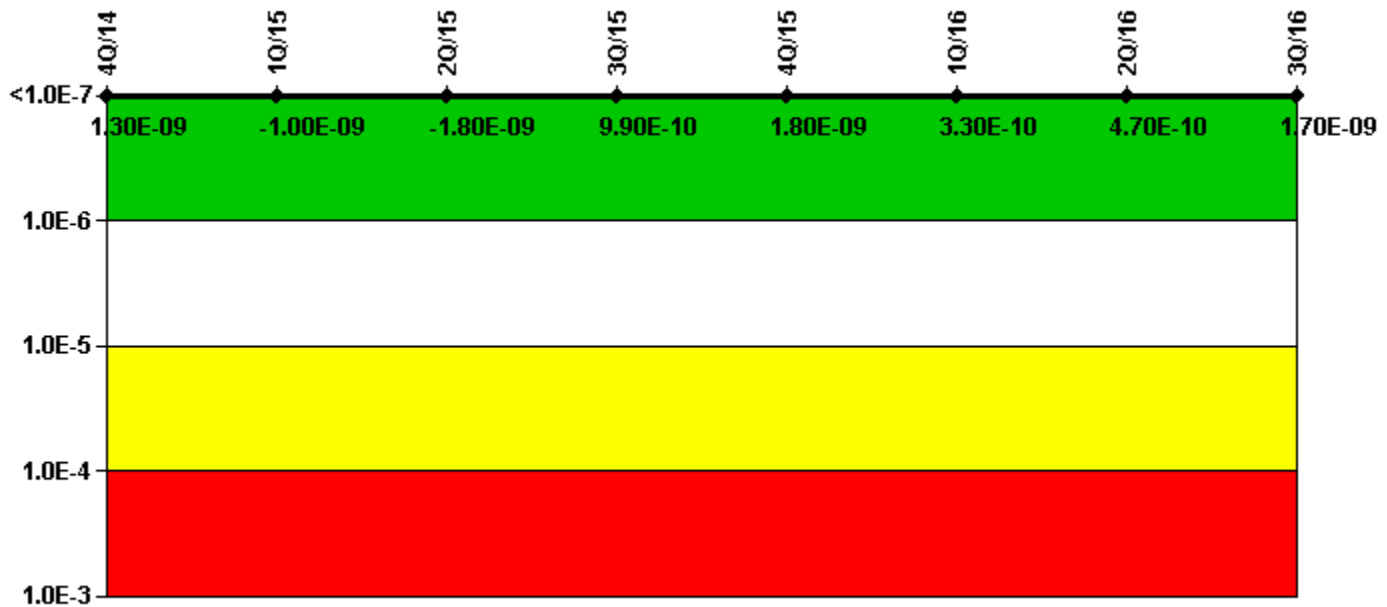
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
UAI (ΔCDF)	1.48E-08	1.44E-08	1.44E-08	1.44E-08	1.72E-08	1.52E-08	1.65E-08	1.67E-08
URI (ΔCDF)	-8.51E-09	-8.51E-09	-4.96E-08	-4.96E-08	-4.96E-08	-4.96E-08	-4.96E-08	-4.96E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	6.30E-09	5.80E-09	-3.50E-08	-3.50E-08	-3.20E-08	-3.40E-08	-3.30E-08	-3.30E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



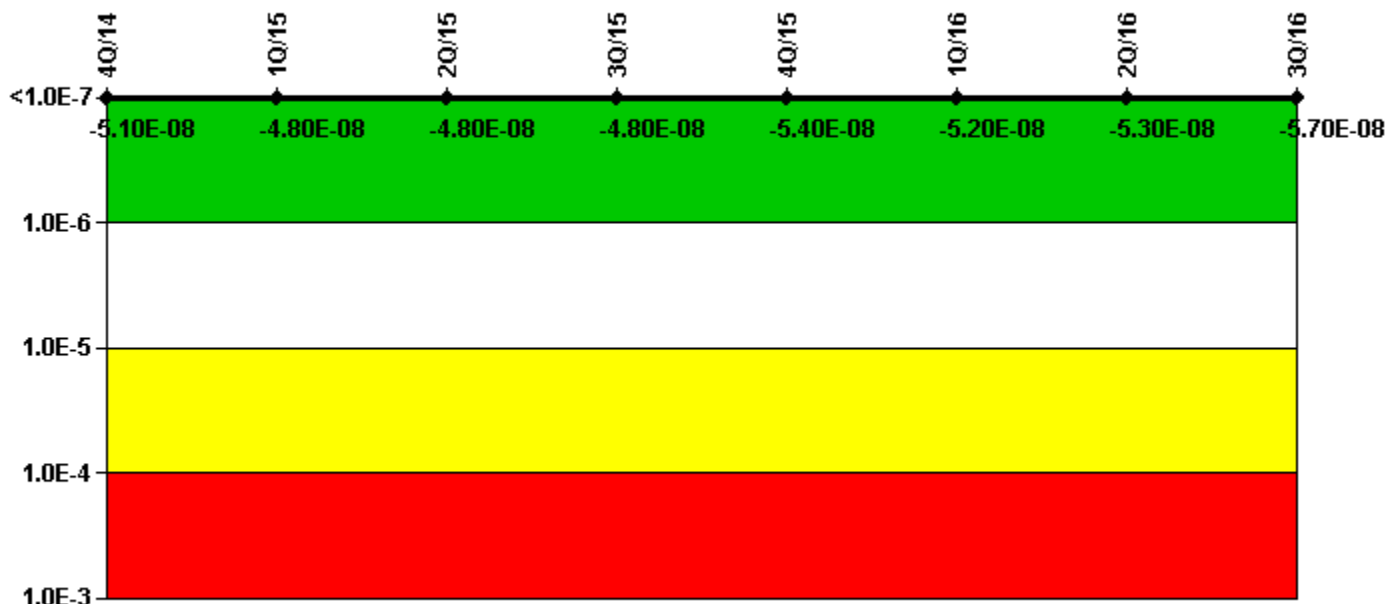
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
UAI (Δ CDF)	1.04E-08	8.11E-09	7.32E-09	1.01E-08	1.09E-08	9.44E-09	9.58E-09	1.08E-08
URI (Δ CDF)	-9.11E-09	-9.11E-09	-9.11E-09	-9.11E-09	-9.11E-09	-9.11E-09	-9.11E-09	-9.11E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.30E-09	-1.00E-09	-1.80E-09	9.90E-10	1.80E-09	3.30E-10	4.70E-10	1.70E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



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

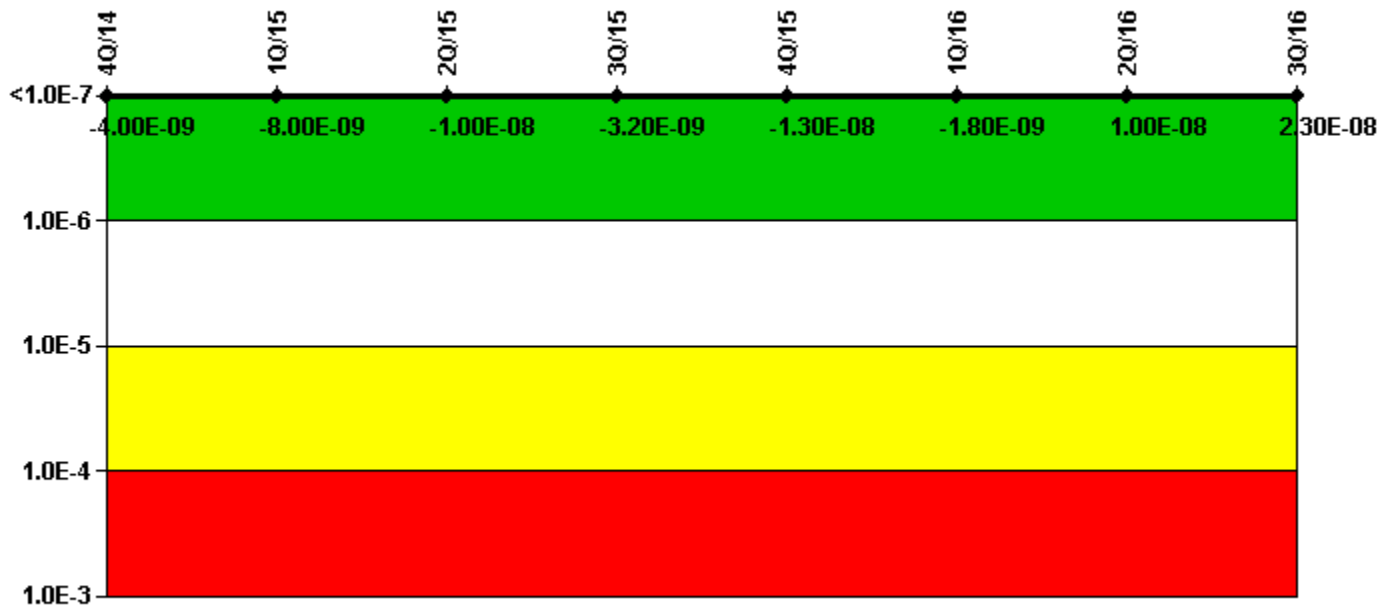
Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
UAI (Δ CDF)	1.25E-08	1.51E-08	1.52E-08	1.52E-08	9.31E-09	1.34E-08	1.18E-08	8.18E-09
URI (Δ CDF)	-6.33E-08	-6.33E-08	-6.33E-08	-6.33E-08	-6.33E-08	-6.49E-08	-6.49E-08	-6.49E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.10E-08	-4.80E-08	-4.80E-08	-4.80E-08	-5.40E-08	-5.20E-08	-5.30E-08	-5.70E-08

Licensee Comments:

2Q/16: The March 2016 data was revised to account for an incorrect interpretation of MSPI in-scope boundary components (Unavailability for sequencer relay work). Pump Train 'A' planned unavailable hours were revised from 0 to 6.7 hours, due to maintenance. Data revised in June 2016. Minute impact to indicator values post March 2016 up to June 2016. No change in indicator color.

Mitigating Systems Performance Index, Residual Heat Removal System



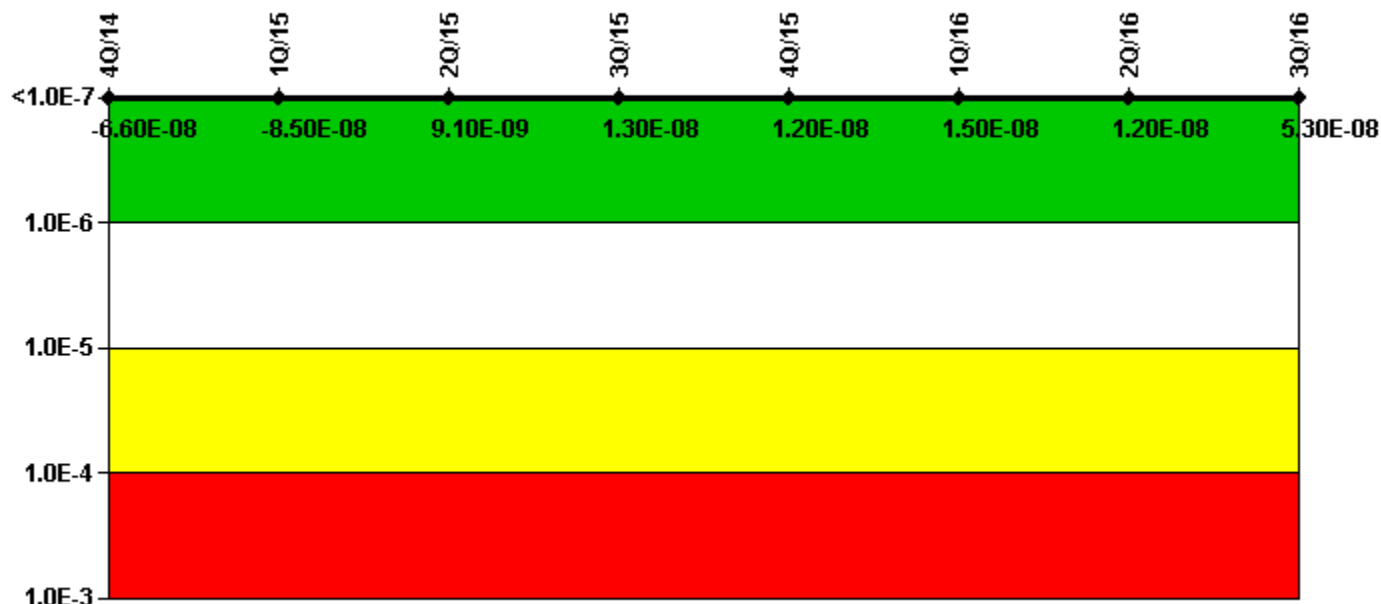
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	2.42E-08	2.02E-08	1.82E-08	2.49E-08	1.51E-08	2.64E-08	3.85E-08	5.16E-08
URI (Δ CDF)	-2.82E-08	-2.82E-08	-2.82E-08	-2.82E-08	-2.82E-08	-2.82E-08	-2.82E-08	-2.82E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.00E-09	-8.00E-09	-1.00E-08	-3.20E-09	-1.30E-08	-1.80E-09	1.00E-08	2.30E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



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

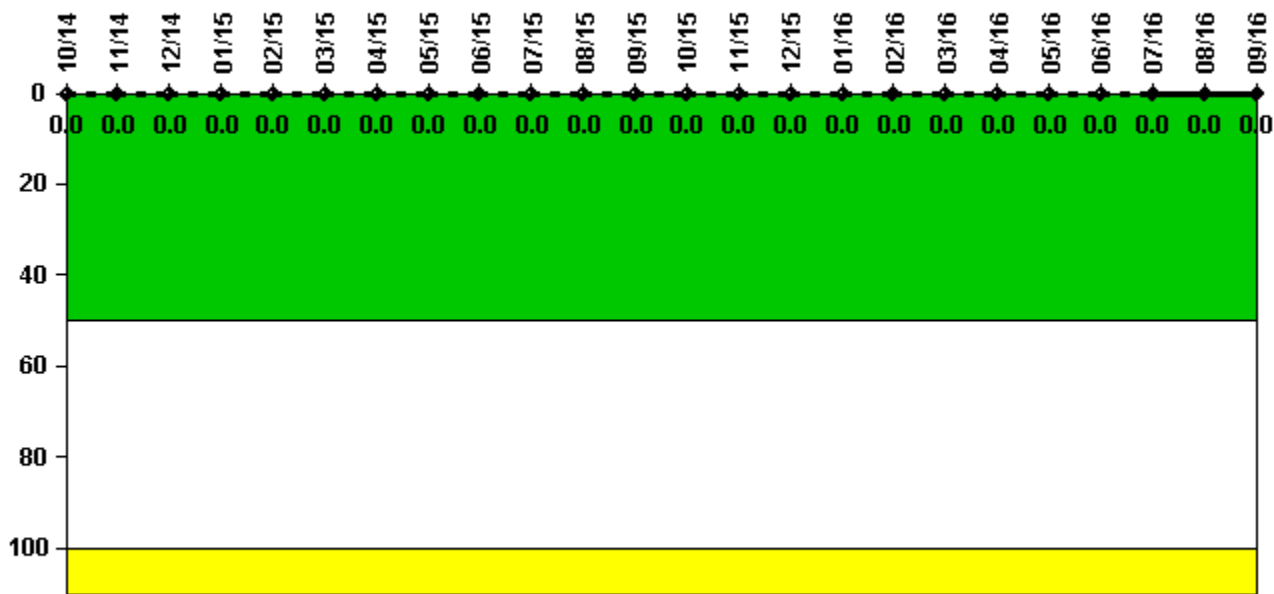
Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
UAI (Δ CDF)	3.64E-08	1.73E-08	1.91E-08	2.35E-08	2.17E-08	2.49E-08	2.23E-08	6.34E-08
URI (Δ CDF)	-1.02E-07	-1.02E-07	-1.01E-08	-1.01E-08	-1.01E-08	-1.01E-08	-1.01E-08	-1.01E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.60E-08	-8.50E-08	9.10E-09	1.30E-08	1.20E-08	1.50E-08	1.20E-08	5.30E-08

Licensee Comments:

2Q/16: The May 2015 data was revised to account for an incorrect interpretation of MSPI in-scope boundary components (Unavailability for sequencer relay work). It was revised to reflect the 'A' ESW pump being unavailable for 3.35 hours instead of 0 hours. Data revised in June 2016. Minute impact to Indicator values post May 2015 and prior to June 2016. No change in indicator color.

Reactor Coolant System Activity



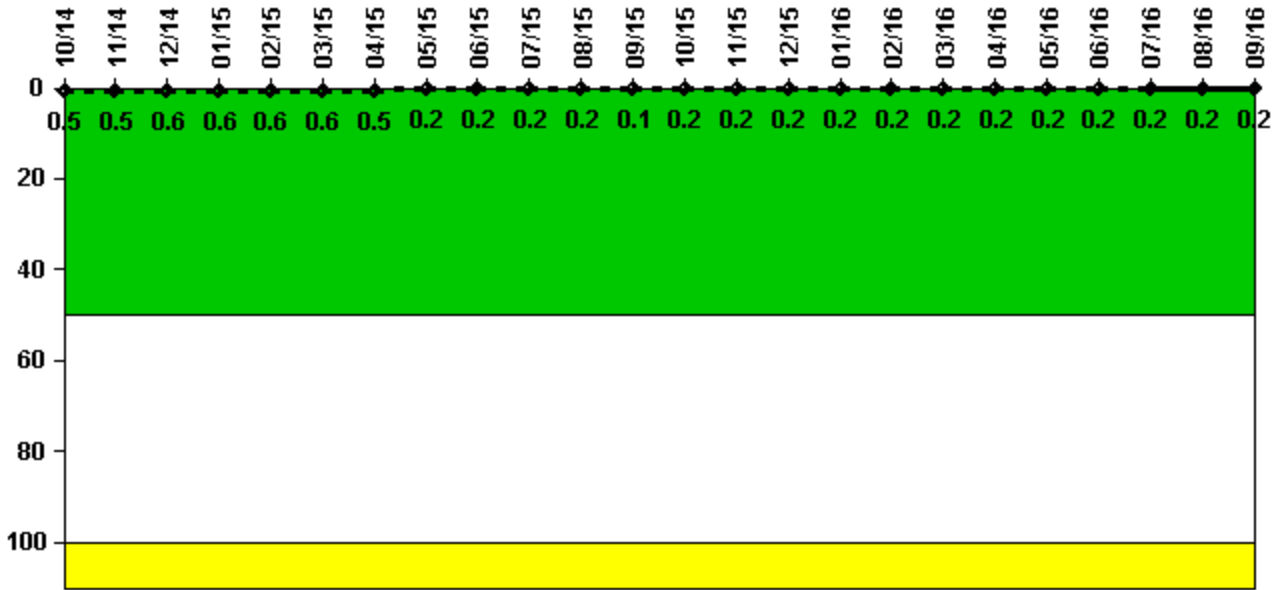
Thresholds: White > 50.0 Yellow > 100.0

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	0.000138	0.000147	0.000155	0.000153	0.000160	0.000162	0.000159	0.000090	0.000092	0.000404	0.000089	0.000094
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	10/15	11/15	12/15	1/16	2/16	3/16	4/16	5/16	6/16	7/16	8/16	9/16
Maximum activity	0.000147	0.000104	0.000163	0.000346	0.000114	0.000139	0.000172	0.000122	0.000125	0.000171	0.000143	0.000135
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



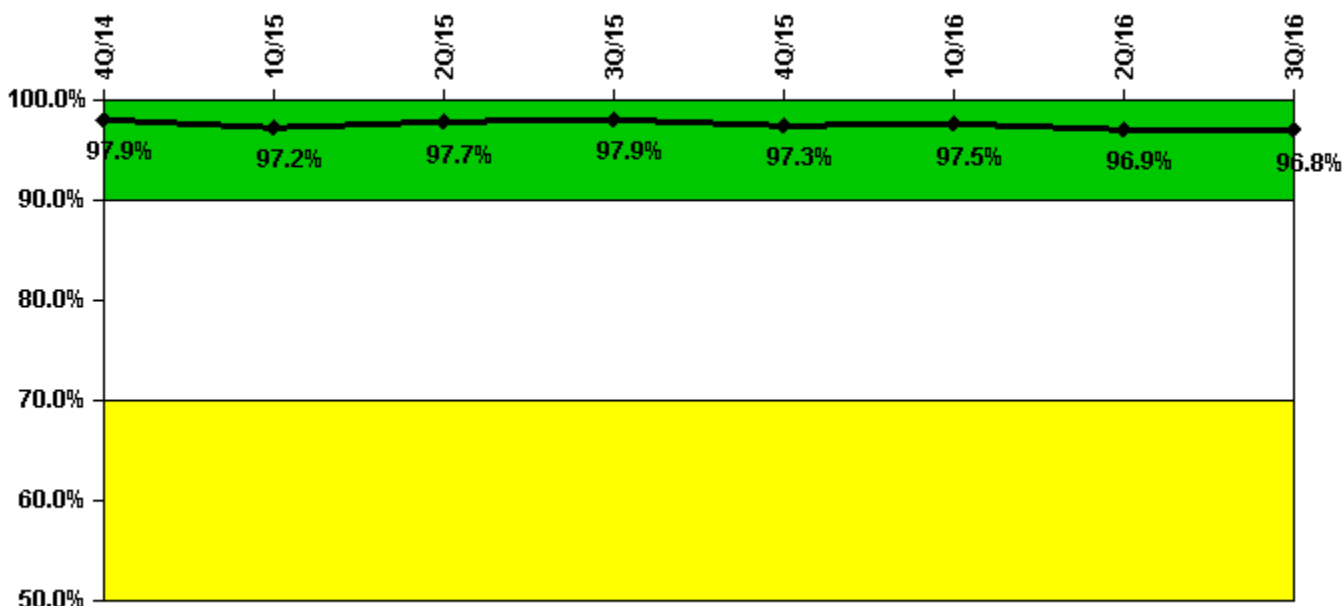
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/14	11/14	12/14	1/15	2/15	3/15	4/15	5/15	6/15	7/15	8/15	9/15
Maximum leakage	0.051	0.054	0.055	0.058	0.056	0.055	0.050	0.019	0.018	0.016	0.015	0.014
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	0.5	0.6	0.6	0.6	0.6	0.5	0.2	0.2	0.2	0.2	0.1
Reactor Coolant System Leakage	10/15	11/15	12/15	1/16	2/16	3/16	4/16	5/16	6/16	7/16	8/16	9/16
Maximum leakage	0.015	0.015	0.015	0.015	0.017	0.019	0.017	0.016	0.017	0.018	0.018	0.018
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

Licensee Comments: none

Drill/Exercise Performance



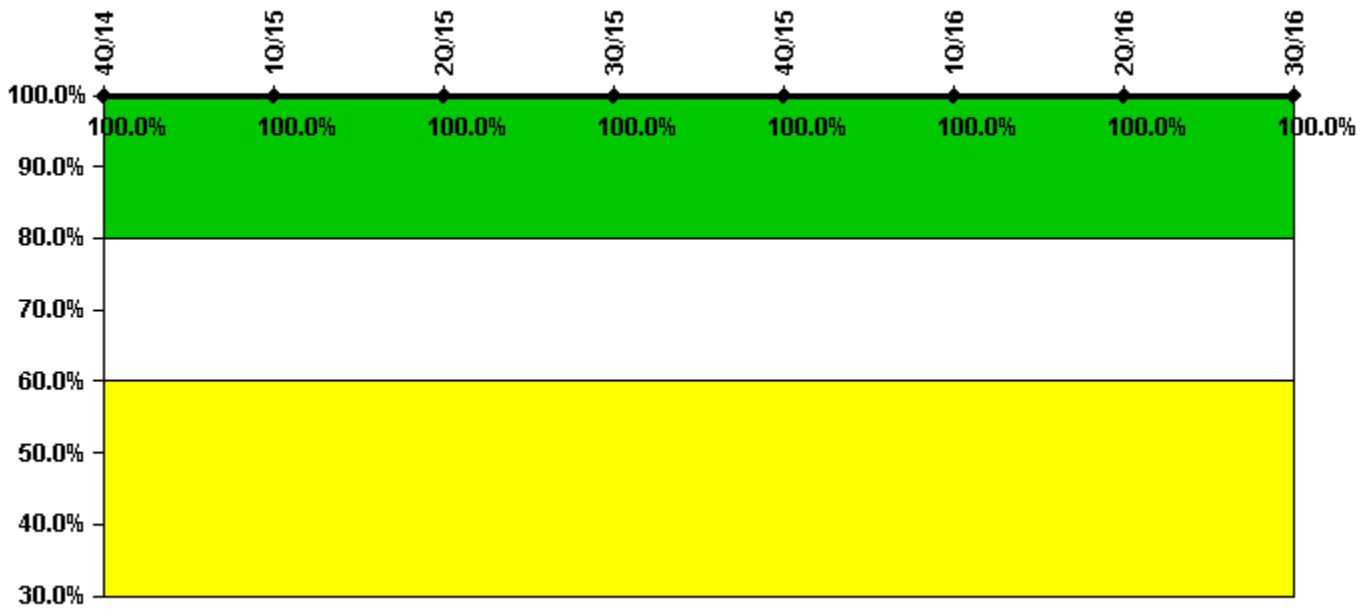
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Successful opportunities	28.0	24.0	11.0	38.0	33.0	29.0	28.0	24.0
Total opportunities	28.0	26.0	11.0	39.0	35.0	29.0	29.0	25.0
Indicator value	97.9%	97.2%	97.7%	97.9%	97.3%	97.5%	96.9%	96.8%

Licensee Comments: none

ERO Drill Participation



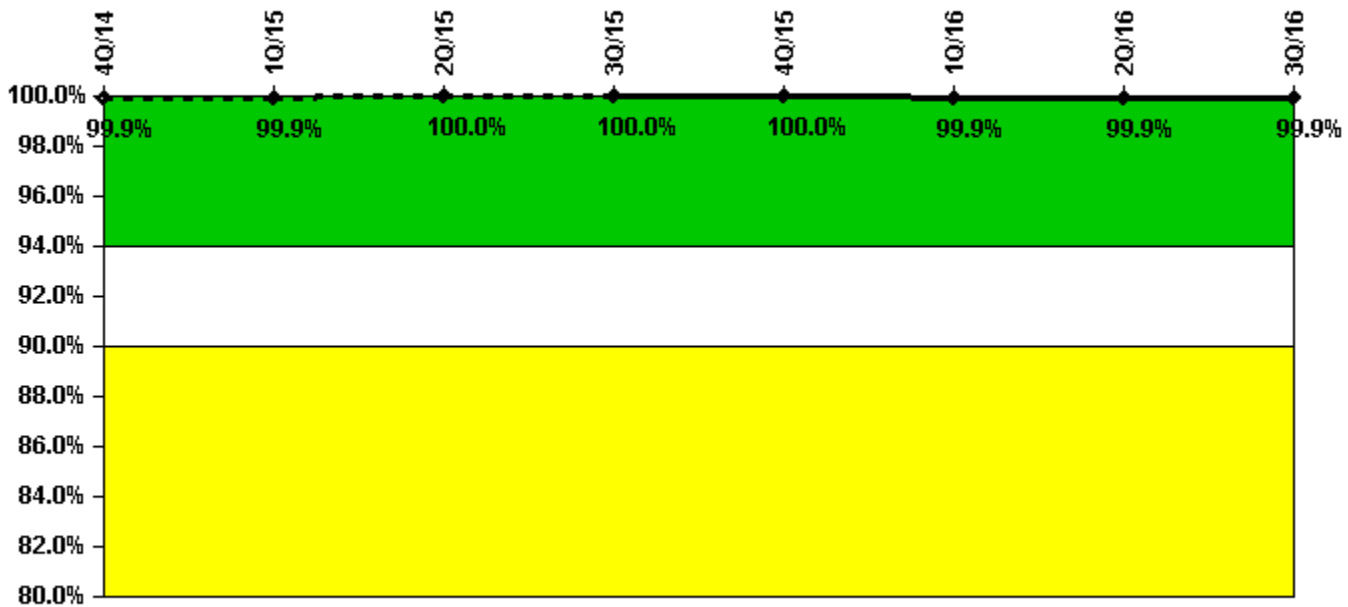
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Participating Key personnel	54.0	55.0	54.0	49.0	51.0	55.0	54.0	55.0
Total Key personnel	54.0	55.0	54.0	49.0	51.0	55.0	54.0	55.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



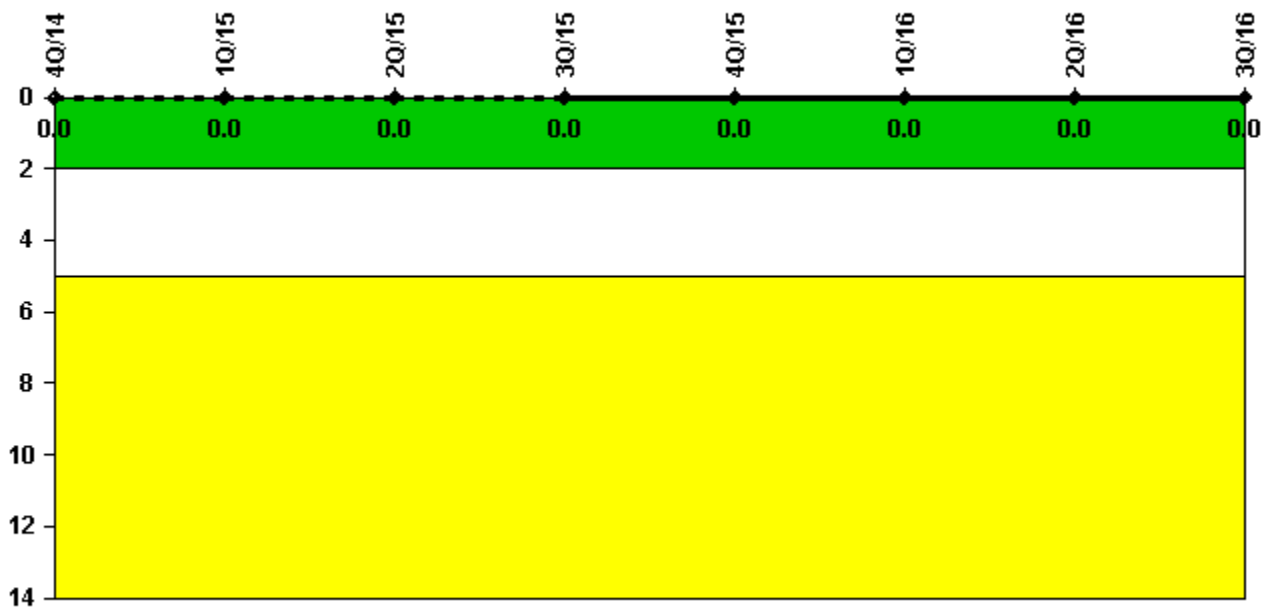
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Successful siren-tests	664	581	581	746	664	580	664	492
Total sirens-tests	664	581	581	747	664	581	664	493
Indicator value	99.9%	99.9%	100.0%	100.0%	100.0%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



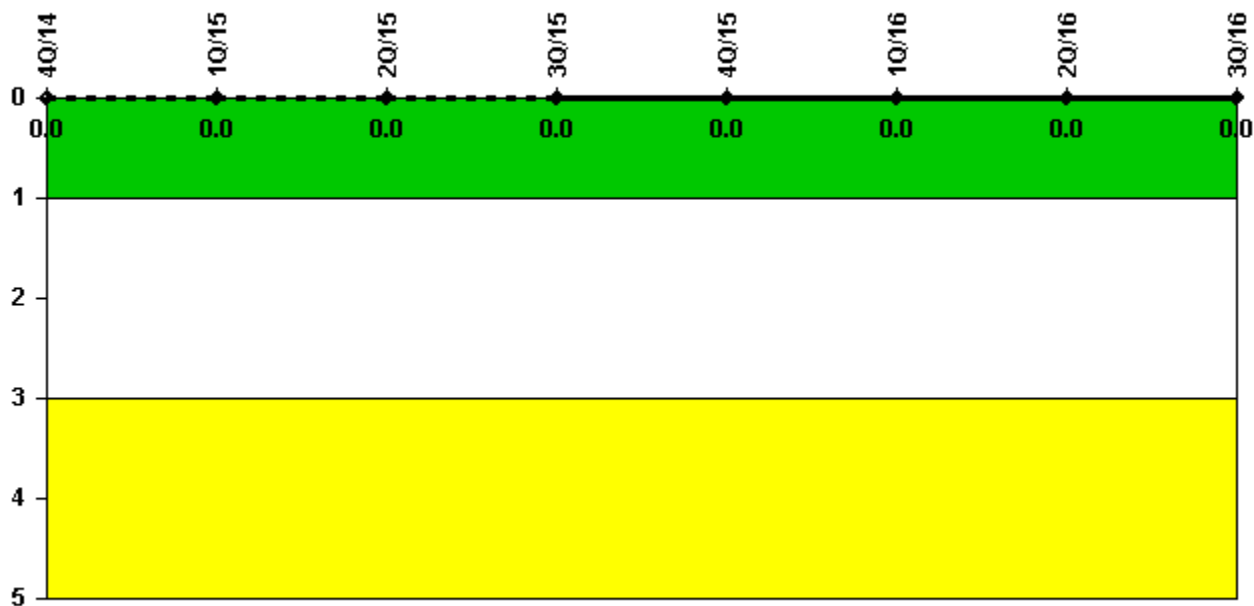
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/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	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: October 23, 2016

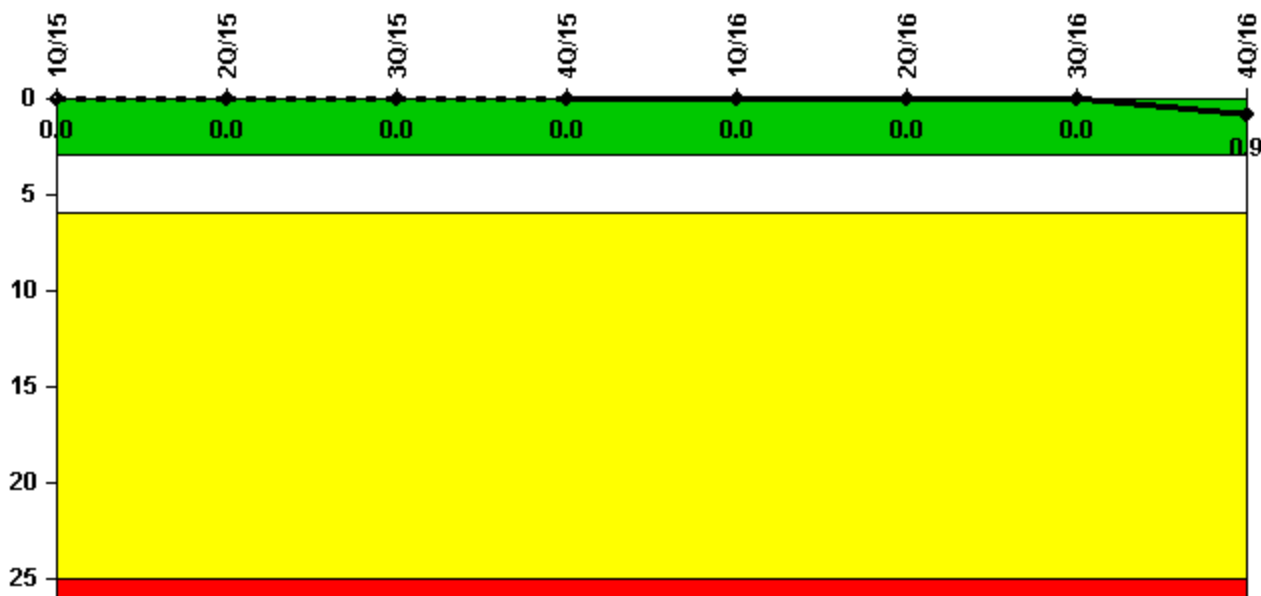
Harris 1

4Q/2016 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



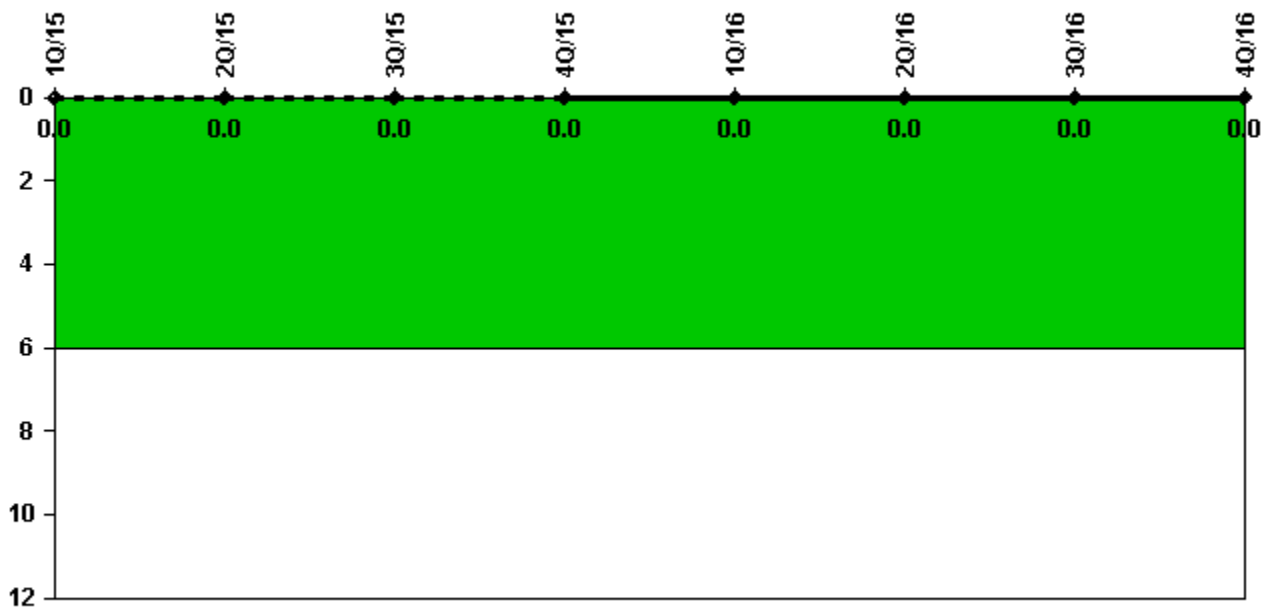
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Unplanned scrams	0	0	0	0	0	0	0	1.0
Critical hours	2159.0	1166.2	2208.0	2209.0	2183.0	2184.0	2208.0	1429.8
Indicator value	0	0	0	0	0	0	0	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



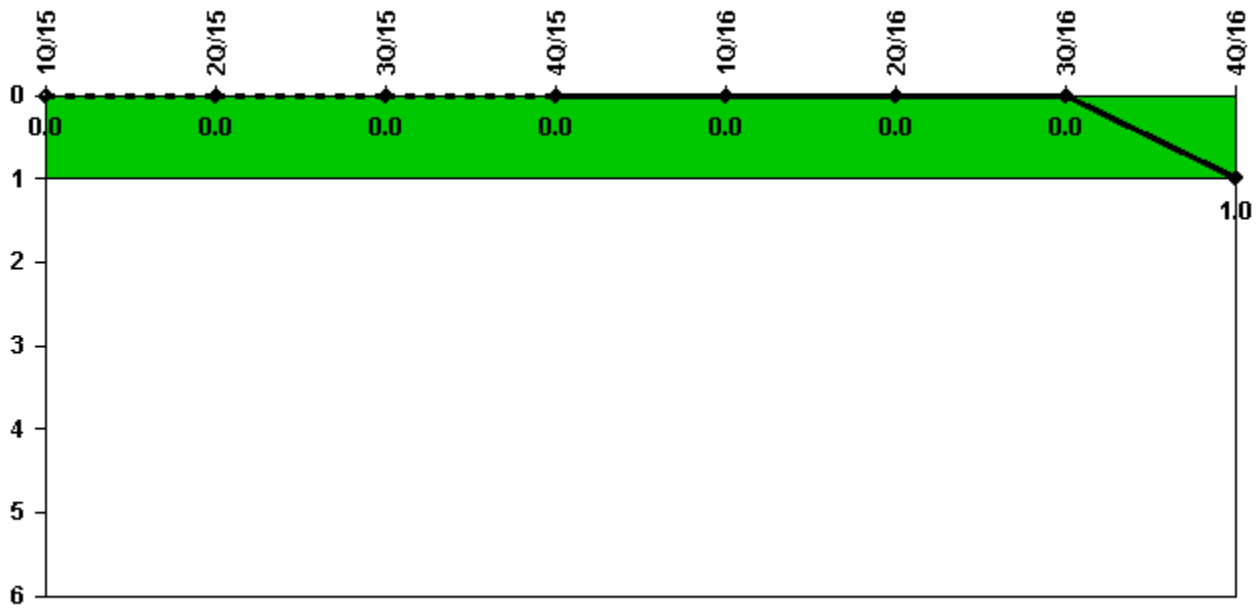
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2159.0	1166.2	2208.0	2209.0	2183.0	2184.0	2208.0	1429.8
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



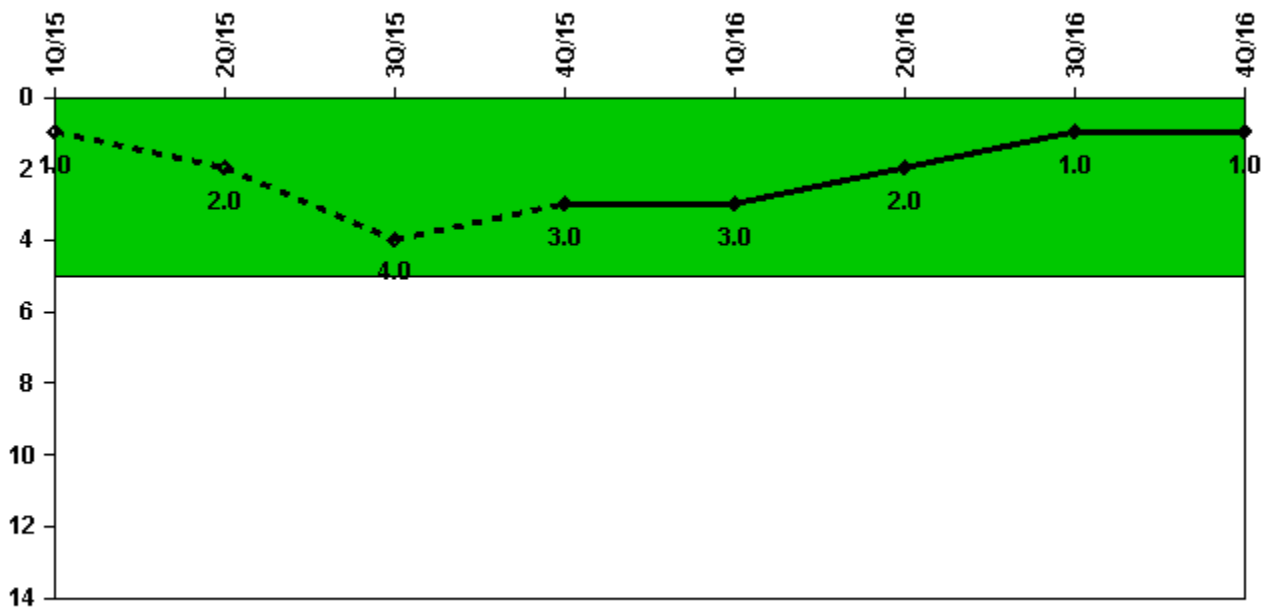
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	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	1.0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Safety System Functional Failures	0	1	2	0	0	0	1	0
Indicator value	1	2	4	3	3	2	1	1

Licensee Comments:

3Q/16: Licensee Event Report was submitted in September 2016 that involved a safety system functional failure (LER 2016-001-00). Multiple failures related to Tornado Missile Protection reported as one in accordance with FAQ 16-03 guidance.

3Q/15: Licensee Event Reports were submitted in both July 2015 and August 2015 that involved safety system functional failures. They were LER 2015-004-01 and LER 2015-005-00, respectively.

2Q/15: There was one Licensee Event Report submitted in June 2015 which involved a safety system functional failure. LER No. 2015-002-00

Mitigating Systems Performance Index, Emergency AC Power System



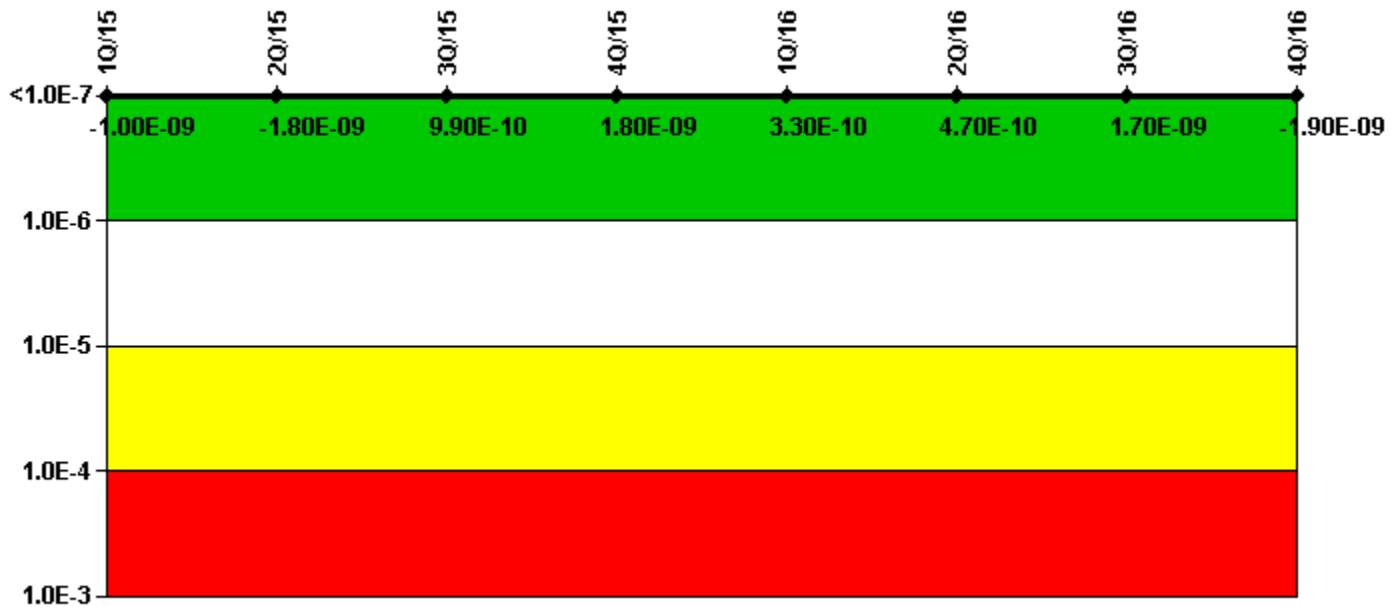
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
UAI (Δ CDF)	1.44E-08	1.44E-08	1.44E-08	1.72E-08	1.52E-08	1.65E-08	1.67E-08	1.67E-08
URI (Δ CDF)	-8.51E-09	-4.96E-08	-4.96E-08	-4.96E-08	-4.96E-08	-4.96E-08	-4.96E-08	-5.08E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	5.80E-09	-3.50E-08	-3.50E-08	-3.20E-08	-3.40E-08	-3.30E-08	-3.30E-08	-3.40E-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/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
UAI (Δ CDF)	8.11E-09	7.32E-09	1.01E-08	1.09E-08	9.44E-09	9.58E-09	1.08E-08	7.46E-09
URI (Δ CDF)	-9.11E-09	-9.11E-09	-9.11E-09	-9.11E-09	-9.11E-09	-9.11E-09	-9.11E-09	-9.38E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.00E-09	-1.80E-09	9.90E-10	1.80E-09	3.30E-10	4.70E-10	1.70E-09	-1.90E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



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

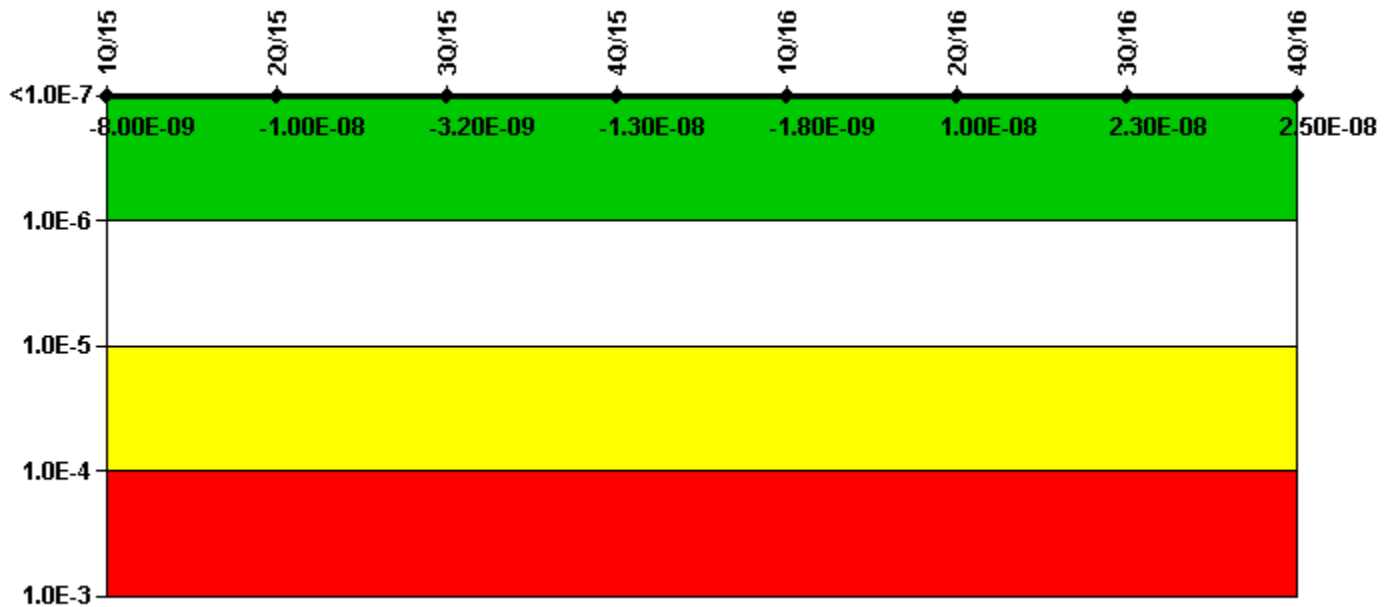
Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
UAI (Δ CDF)	1.51E-08	1.52E-08	1.52E-08	9.31E-09	1.34E-08	1.18E-08	8.18E-09	6.48E-09
URI (Δ CDF)	-6.33E-08	-6.33E-08	-6.33E-08	-6.33E-08	-6.49E-08	-6.49E-08	-6.49E-08	-6.60E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.80E-08	-4.80E-08	-4.80E-08	-5.40E-08	-5.20E-08	-5.30E-08	-5.70E-08	-5.90E-08

Licensee Comments:

2Q/16: The March 2016 data was revised to account for an incorrect interpretation of MSPI in-scope boundary components (Unavailability for sequencer relay work). Pump Train 'A' planned unavailable hours were revised from 0 to 6.7 hours, due to maintenance. Data revised in June 2016. Minute impact to indicator values post March 2016 up to June 2016. No change in indicator color.

Mitigating Systems Performance Index, Residual Heat Removal System



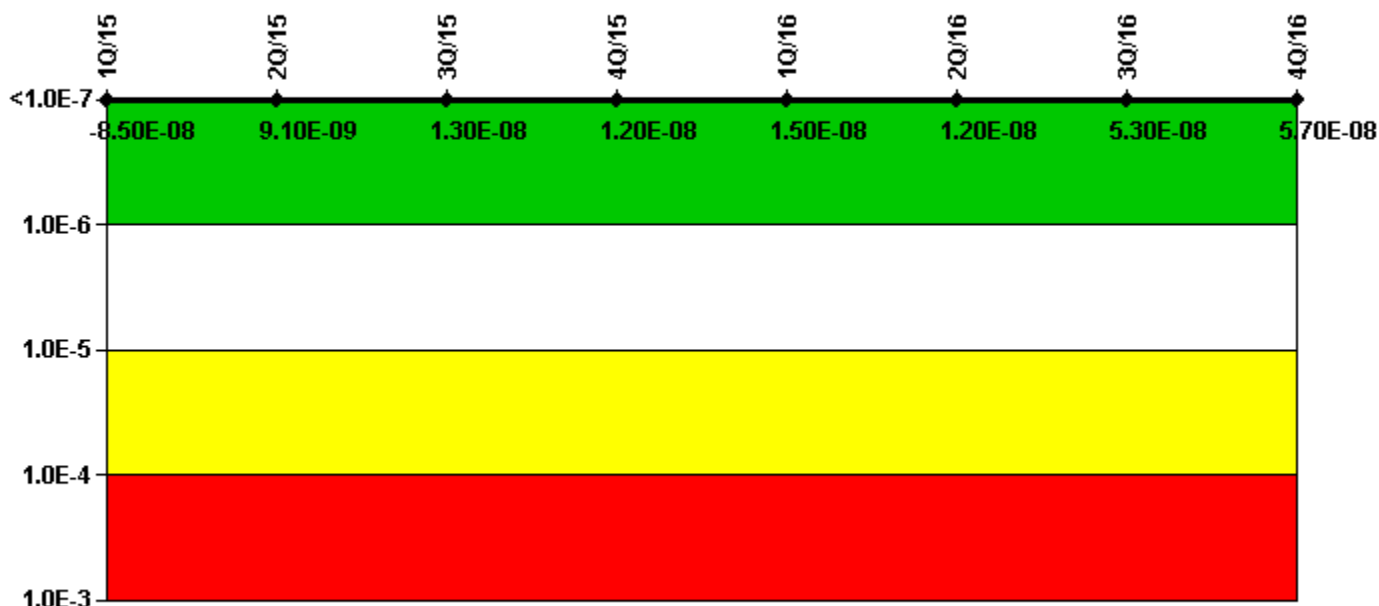
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (ΔCDF)	2.02E-08	1.82E-08	2.49E-08	1.51E-08	2.64E-08	3.85E-08	5.16E-08	5.39E-08
URI (ΔCDF)	-2.82E-08	-2.82E-08	-2.82E-08	-2.82E-08	-2.82E-08	-2.82E-08	-2.82E-08	-2.85E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-8.00E-09	-1.00E-08	-3.20E-09	-1.30E-08	-1.80E-09	1.00E-08	2.30E-08	2.50E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



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

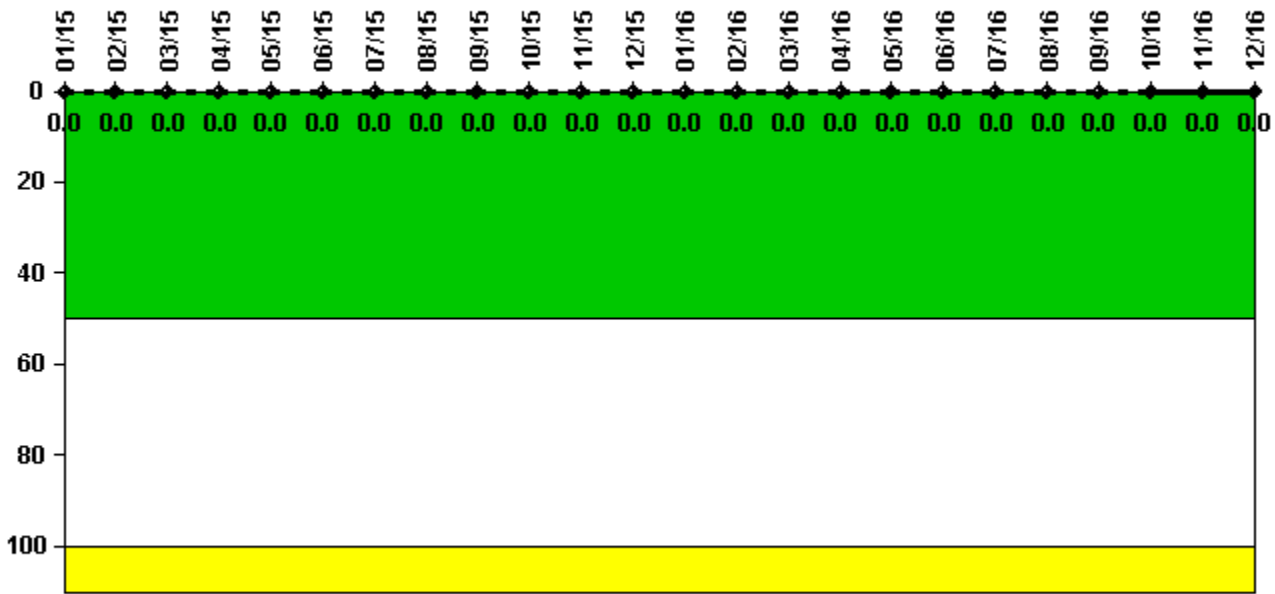
Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
UAI (ΔCDF)	1.73E-08	1.91E-08	2.35E-08	2.17E-08	2.49E-08	2.23E-08	6.34E-08	6.80E-08
URI (ΔCDF)	-1.02E-07	-1.01E-08	-1.01E-08	-1.01E-08	-1.01E-08	-1.01E-08	-1.01E-08	-1.10E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-8.50E-08	9.10E-09	1.30E-08	1.20E-08	1.50E-08	1.20E-08	5.30E-08	5.70E-08

Licensee Comments:

2Q/16: The May 2015 data was revised to account for an incorrect interpretation of MSPI in-scope boundary components (Unavailability for sequencer relay work). It was revised to reflect the 'A' ESW pump being unavailable for 3.35 hours instead of 0 hours. Data revised in June 2016. Minute impact to Indicator values post May 2015 and prior to June 2016. No change in indicator color.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

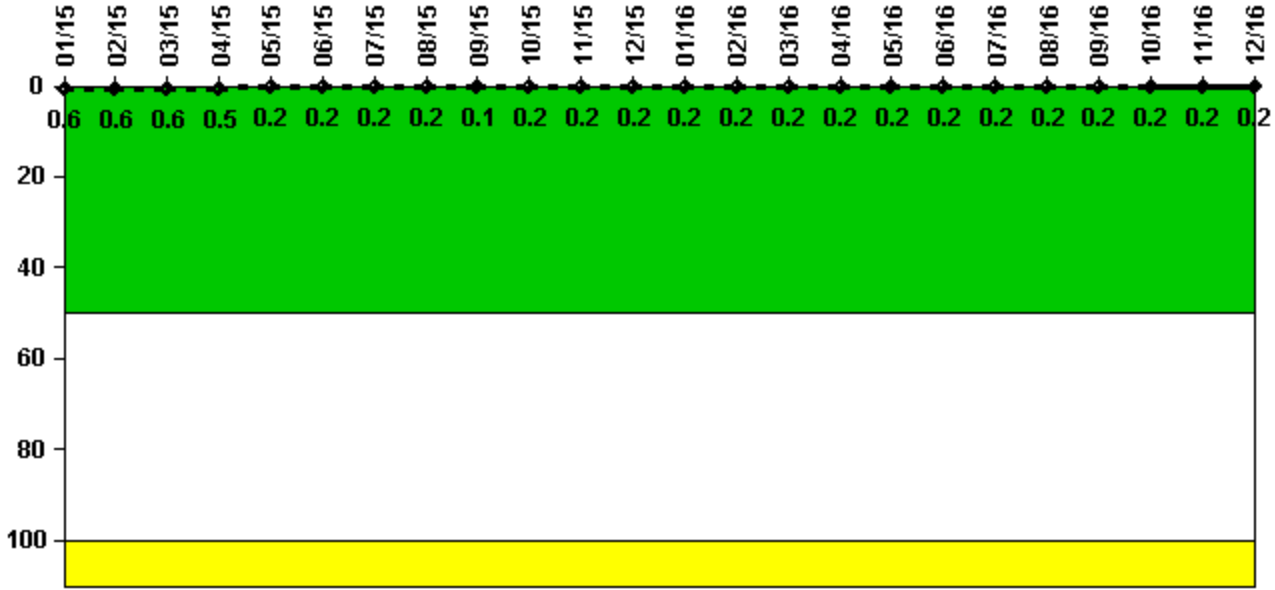
Notes

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	0.000153	0.000160	0.000162	0.000159	0.000090	0.000092	0.000404	0.000089	0.000094	0.000147	0.000104	0.000163
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	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	0.000346	0.000114	0.000139	0.000172	0.000122	0.000125	0.000171	0.000143	0.000135	0.000127	0.000074	0.000136
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

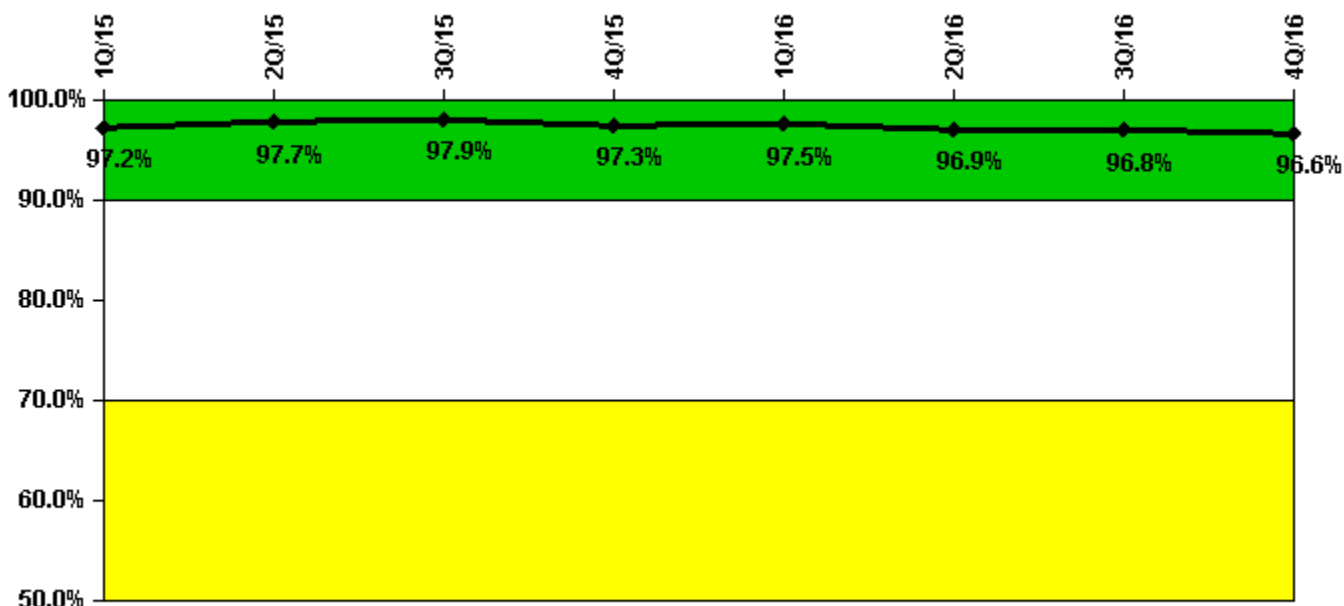
Notes

Reactor Coolant System Leakage	1/15	2/15	3/15	4/15	5/15	6/15	7/15	8/15	9/15	10/15	11/15	12/15
Maximum leakage	0.058	0.056	0.055	0.050	0.019	0.018	0.016	0.015	0.014	0.015	0.015	0.015
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.6	0.6	0.6	0.5	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2

Reactor Coolant System Leakage	1/16	2/16	3/16	4/16	5/16	6/16	7/16	8/16	9/16	10/16	11/16	12/16
Maximum leakage	0.015	0.017	0.019	0.017	0.016	0.017	0.018	0.018	0.018	0.018	0.020	0.020
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	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

Drill/Exercise Performance



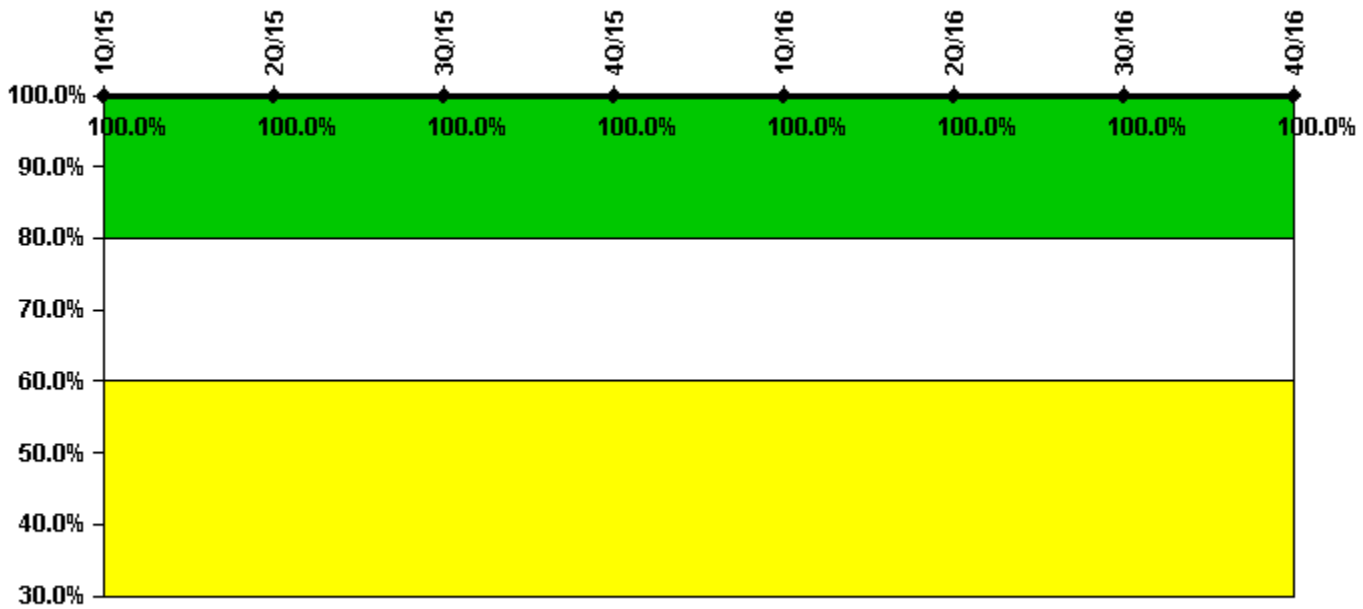
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Successful opportunities	24.0	11.0	38.0	33.0	29.0	28.0	24.0	12.0
Total opportunities	26.0	11.0	39.0	35.0	29.0	29.0	25.0	12.0
Indicator value	97.2%	97.7%	97.9%	97.3%	97.5%	96.9%	96.8%	96.6%

Licensee Comments: none

ERO Drill Participation



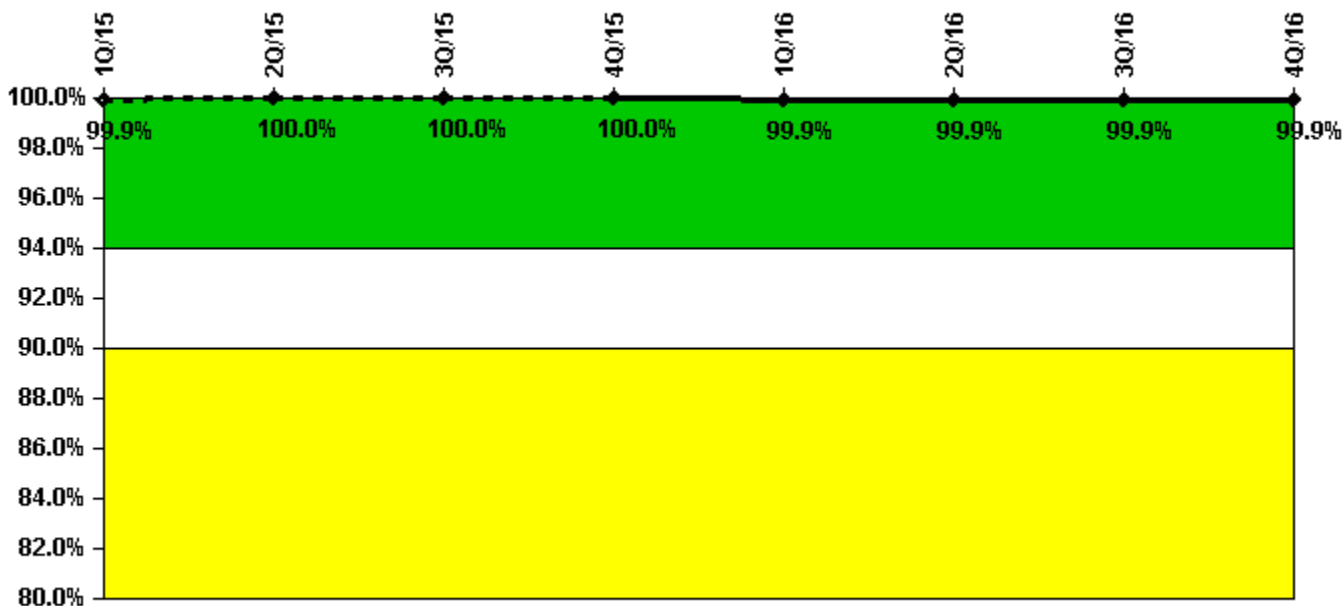
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Participating Key personnel	55.0	54.0	49.0	51.0	55.0	54.0	55.0	53.0
Total Key personnel	55.0	54.0	49.0	51.0	55.0	54.0	55.0	53.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



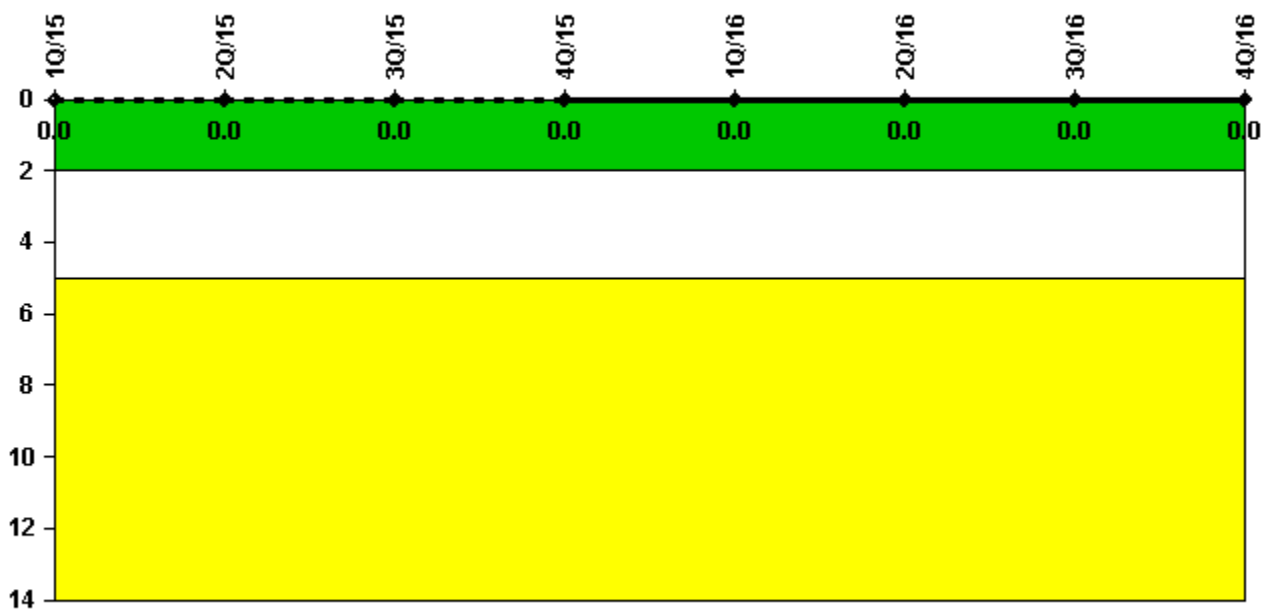
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Successful siren-tests	581	581	746	664	580	664	492	746
Total sirens-tests	581	581	747	664	581	664	493	747
Indicator value	99.9%	100.0%	100.0%	100.0%	99.9%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



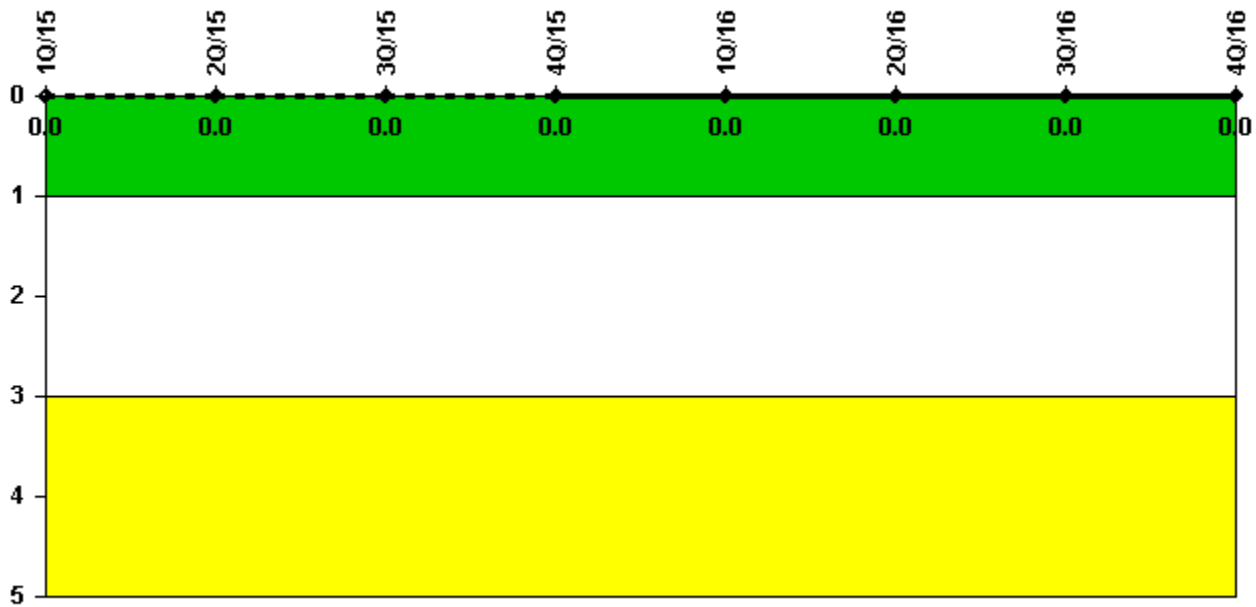
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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	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/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	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: January 24, 2017



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Harris 1 – Quarterly Performance Indicators

1Q/2017 Performance Indicators

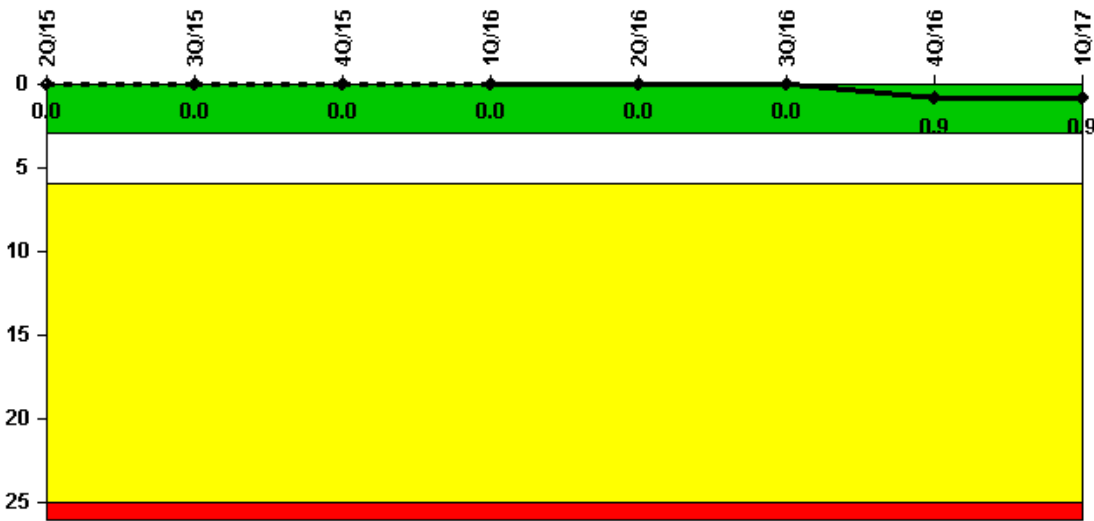
The solid trend line represents the current reporting period.

Licensee's General Comments: none

On this page:

- Unplanned Scrams (IE01)
- Unplanned Power Changes per 7000 Critical Hours (IE03)
- Unplanned Scrams with Complications (IE04)
- Safety System Functional Failures (MS05)
- Emergency AC Power Systems (MS06)
- High Pressure Injection Systems (MS07)
- Heat Removal Systems (MS08)
- Residual Heat Removal Systems (MS09)
- Cooling Water Systems (MS10)
- Reactor Coolant System Activity (BI01)
- Reactor Coolant System Leakage (BI02)
- Drill/Exercise Performance (EP01)
- Emergency Response Organization Drill Participation (EP02)
- Alert and Notification System Reliability (EP03)
- Occupational Exposure Control Effectiveness (OR01)
- RETS/OCDM Radiological Effluent Occurrence (PR01)
- Protected Area Equipment (PP01)

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

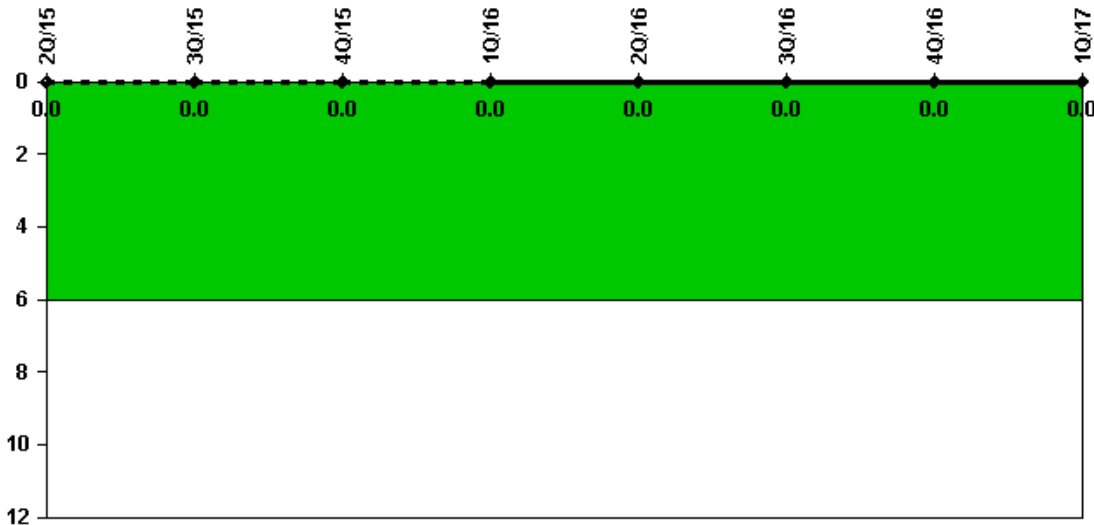
Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Unplanned scrams	0	0	0	0	0	0	1.0	0
Critical hours	1166.2	2208.0	2209.0	2183.0	2184.0	2208.0	1429.8	2159.0
Indicator value	0	0	0	0	0	0	0.9	0.9

TOP

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

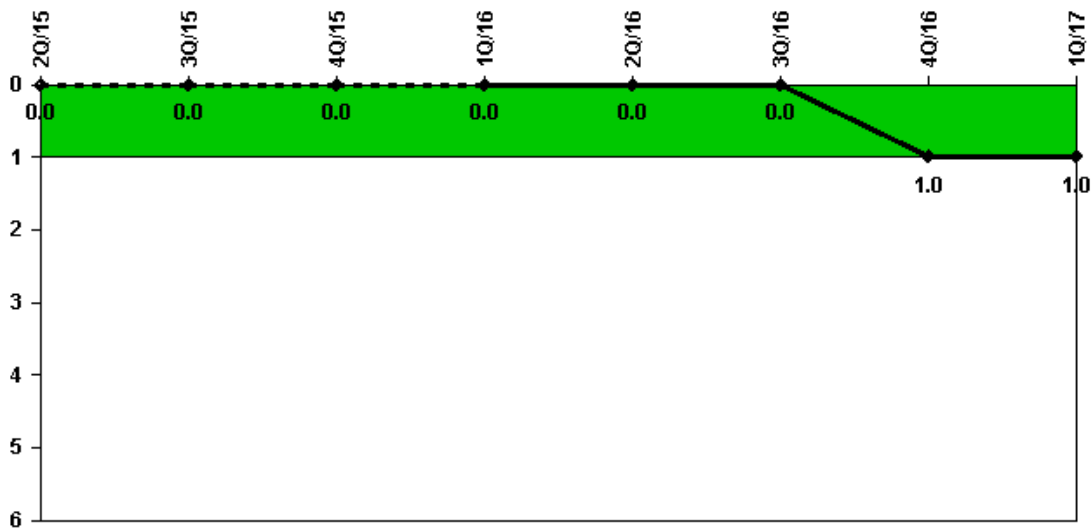
Notes

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	1166.2	2208.0	2209.0	2183.0	2184.0	2208.0	1429.8	2159.0
Indicator value	0	0	0	0	0	0	0	0

▲ TOP

Licensee Comments: none

Unplanned Scrams with Complications



Thresholds: White > 1.0

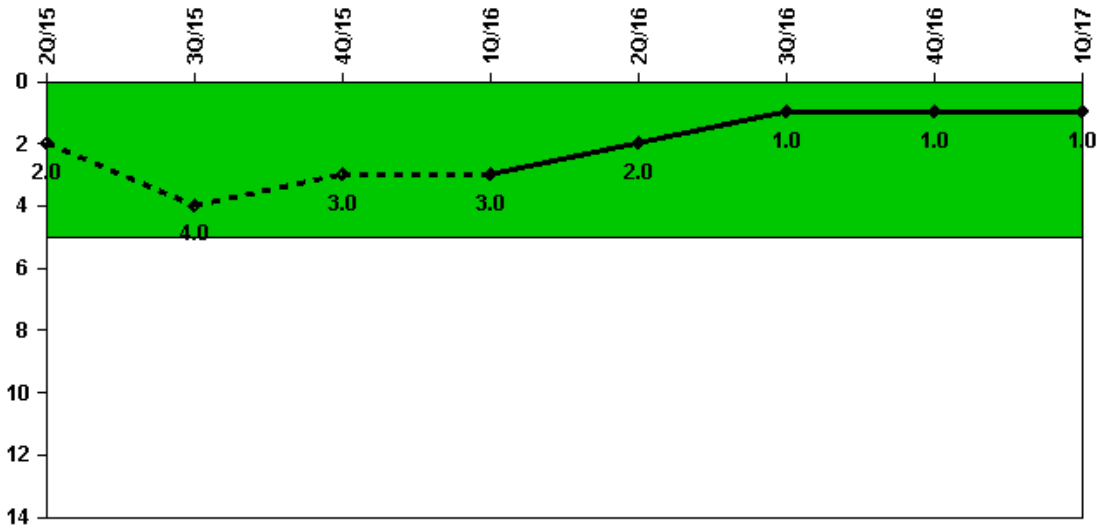
Notes

Unplanned Scrams with Complications	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Scrams with complications	0	0	0	0	0	0	1.0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0

▲ TOP

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR) 2Q/15 3Q/15 4Q/15 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17

Safety System Functional Failures	1	2	0	0	0	1	0	0
Indicator value	2	4	3	3	2	1	1	1

TOP

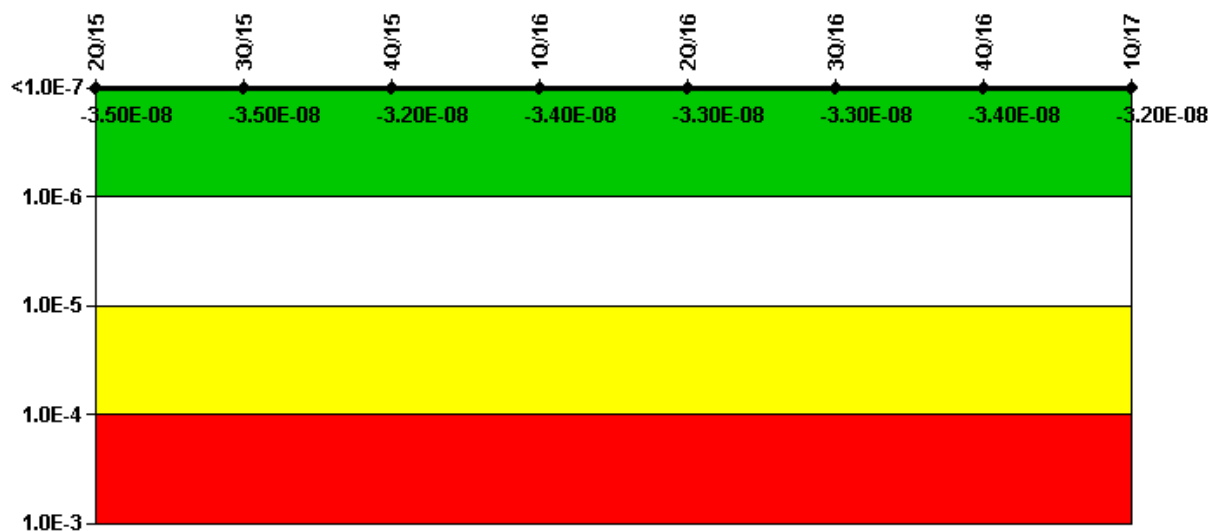
Licensee Comments:

3Q/16: Licensee Event Report was submitted in September 2016 that involved a safety system functional failure (LER 2016-001-00). Multiple failures related to Tornado Missile Protection reported as one in accordance with FAQ 16-03 guidance.

3Q/15: Licensee Event Reports were submitted in both July 2015 and August 2015 that involved safety system functional failures. They were LER 2015-004-01 and LER 2015-005-00, respectively.

2Q/15: There was one Licensee Event Report submitted in June 2015 which involved a safety system functional failure. LER No. 2015-002-00

Mitigating Systems Performance Index, Emergency AC Power System



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

Notes

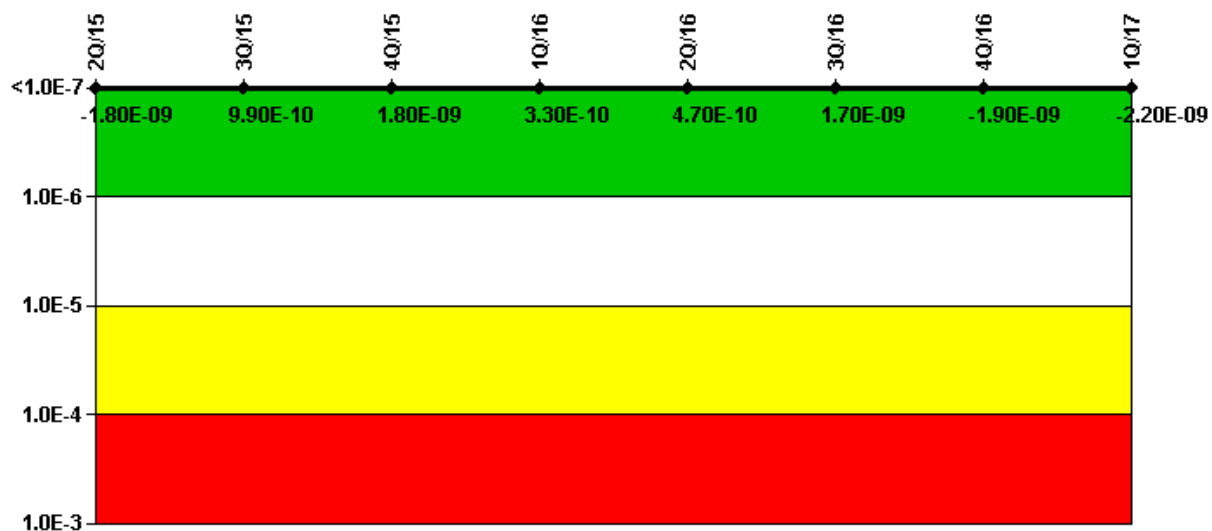
Mitigating Systems Performance Index, Emergency AC Power System

	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (Δ CDF)	1.44E-08	1.44E-08	1.72E-08	1.52E-08	1.65E-08	1.67E-08	1.67E-08	1.77E-08
URI (Δ CDF)	-4.96E-08	-4.96E-08	-4.96E-08	-4.96E-08	-4.96E-08	-4.96E-08	-5.08E-08	-4.95E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.50E-08	-3.50E-08	-3.20E-08	-3.40E-08	-3.30E-08	-3.30E-08	-3.40E-08	-3.20E-08

▲ TOP

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

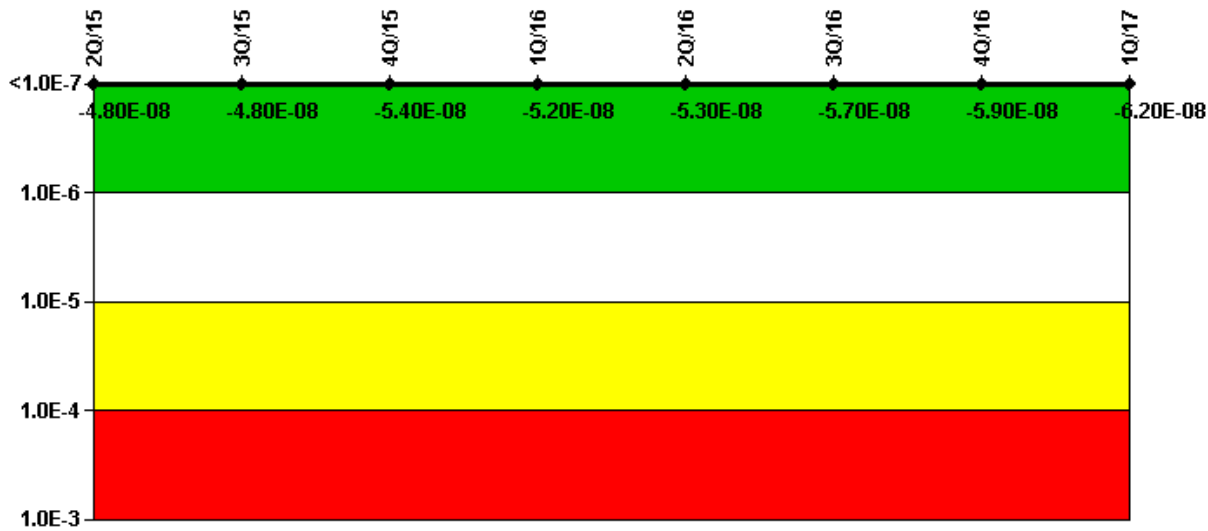
Mitigating Systems Performance Index, High Pressure Injection System

	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (ΔCDF)	7.32E-09	1.01E-08	1.09E-08	9.44E-09	9.58E-09	1.08E-08	7.46E-09	7.14E-09
URI (ΔCDF)	-9.11E-09	-9.11E-09	-9.11E-09	-9.11E-09	-9.11E-09	-9.11E-09	-9.38E-09	-9.38E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.80E-09	9.90E-10	1.80E-09	3.30E-10	4.70E-10	1.70E-09	-1.90E-09	-2.20E-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

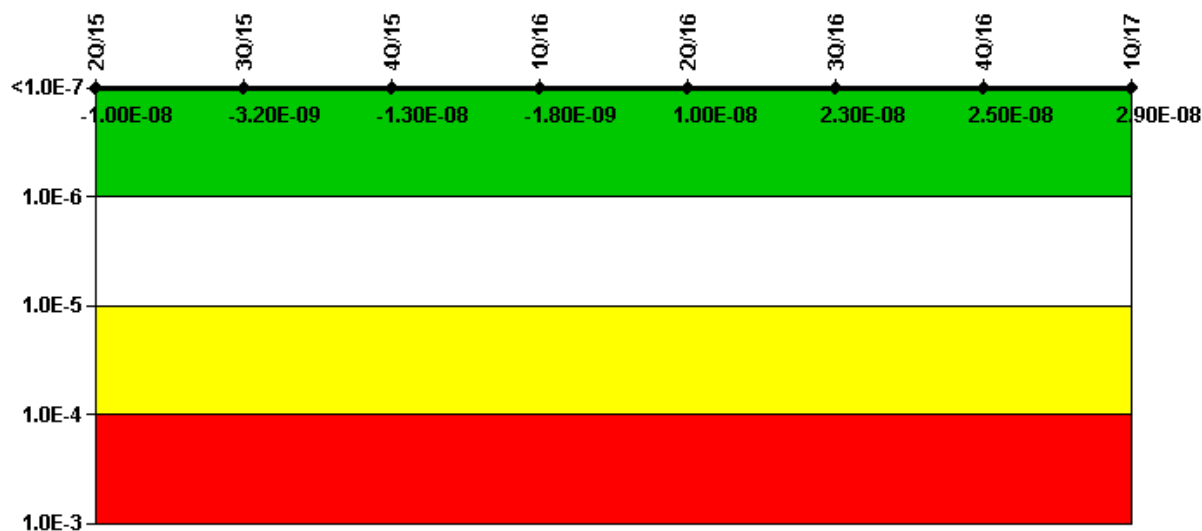
	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (ΔCDF)	1.52E-08	1.52E-08	9.31E-09	1.34E-08	1.18E-08	8.18E-09	6.48E-09	2.96E-09
URI (ΔCDF)	-6.33E-08	-6.33E-08	-6.33E-08	-6.49E-08	-6.49E-08	-6.49E-08	-6.60E-08	-6.51E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.80E-08	-4.80E-08	-5.40E-08	-5.20E-08	-5.30E-08	-5.70E-08	-5.90E-08	-6.20E-08

▲ TOP

Licensee Comments:

2Q/16: The March 2016 data was revised to account for an incorrect interpretation of MSPI in-scope boundary components (Unavailability for sequencer relay work). Pump Train 'A' planned unavailable hours were revised from 0 to 6.7 hours, due to maintenance. Data revised in June 2016. Minute impact to indicator values post March 2016 up to June 2016. No change in indicator color.

Mitigating Systems Performance Index, Residual Heat Removal System



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

Notes

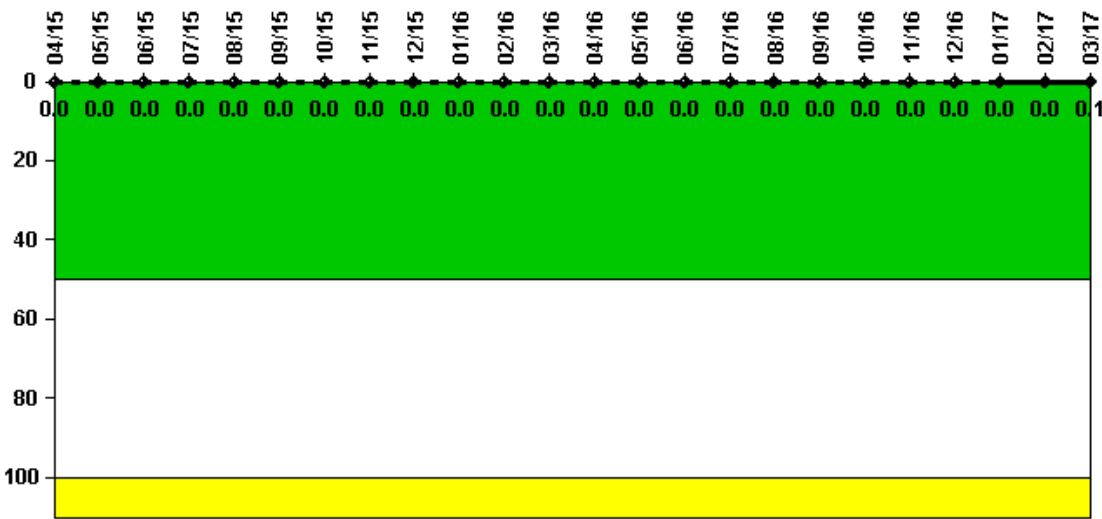
Mitigating Systems Performance Index, Residual Heat Removal System

	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (Δ CDF)	1.82E-08	2.49E-08	1.51E-08	2.64E-08	3.85E-08	5.16E-08	5.39E-08	5.70E-08
URI (Δ CDF)	-2.82E-08	-2.82E-08	-2.82E-08	-2.82E-08	-2.82E-08	-2.82E-08	-2.85E-08	-2.85E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.00E-08	-3.20E-09	-1.30E-08	-1.80E-09	1.00E-08	2.30E-08	2.50E-08	2.90E-08

▲ TOP

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

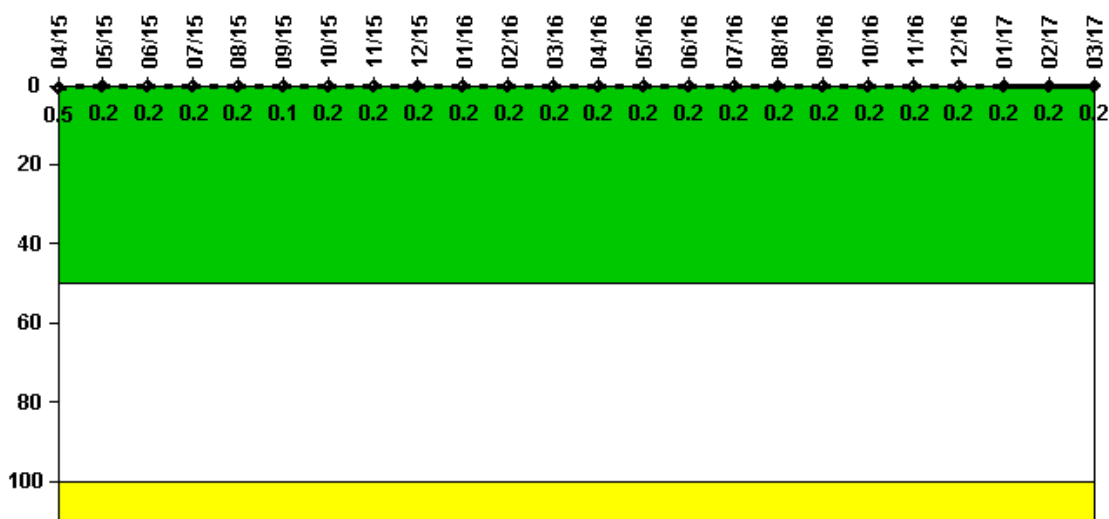
Notes

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	0.000159	0.000090	0.000092	0.000404	0.000089	0.000094	0.000147	0.000104	0.000163	0.000346	0.000114	0.000139
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	4/16	5/16	6/16	7/16	8/16	9/16	10/16	11/16	12/16	1/17	2/17	3/17
Maximum activity	0.000172	0.000122	0.000125	0.000171	0.000143	0.000135	0.000127	0.000074	0.000136	0.000164	0.000226	0.001040
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0.1

▲ TOP

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/15	5/15	6/15	7/15	8/15	9/15	10/15	11/15	12/15	1/16	2/16	3/16
Maximum leakage	0.050	0.019	0.018	0.016	0.015	0.014	0.015	0.015	0.015	0.015	0.017	0.019
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0

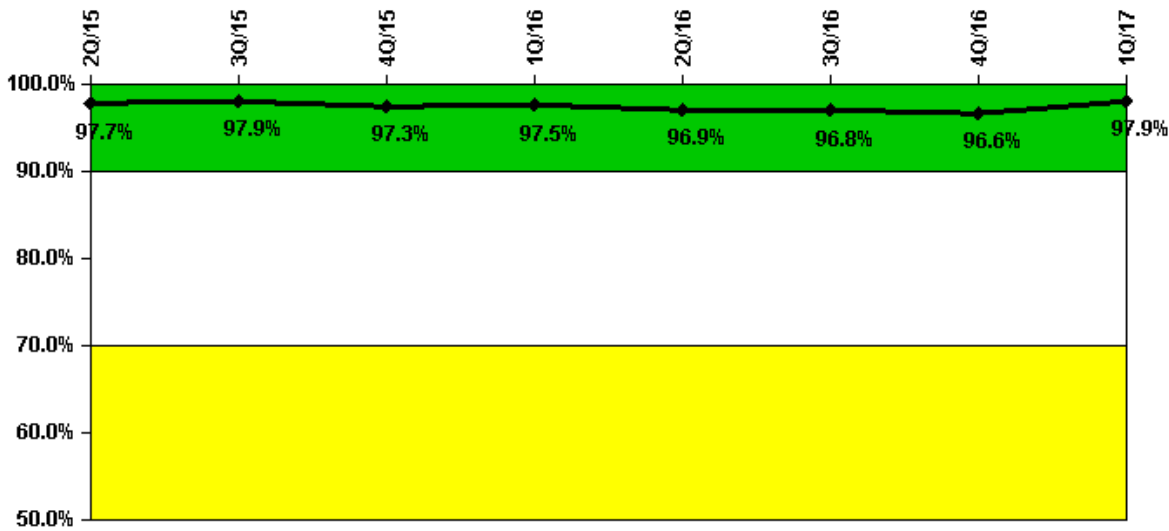
Indicator value	0.5	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2
Reactor Coolant System Leakage	4/16	5/16	6/16	7/16	8/16	9/16	10/16	11/16	12/16	1/17	2/17	3/17
Maximum leakage	0.017	0.016	0.017	0.018	0.018	0.018	0.018	0.020	0.020	0.018	0.017	0.017
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0

Indicator value	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
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Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

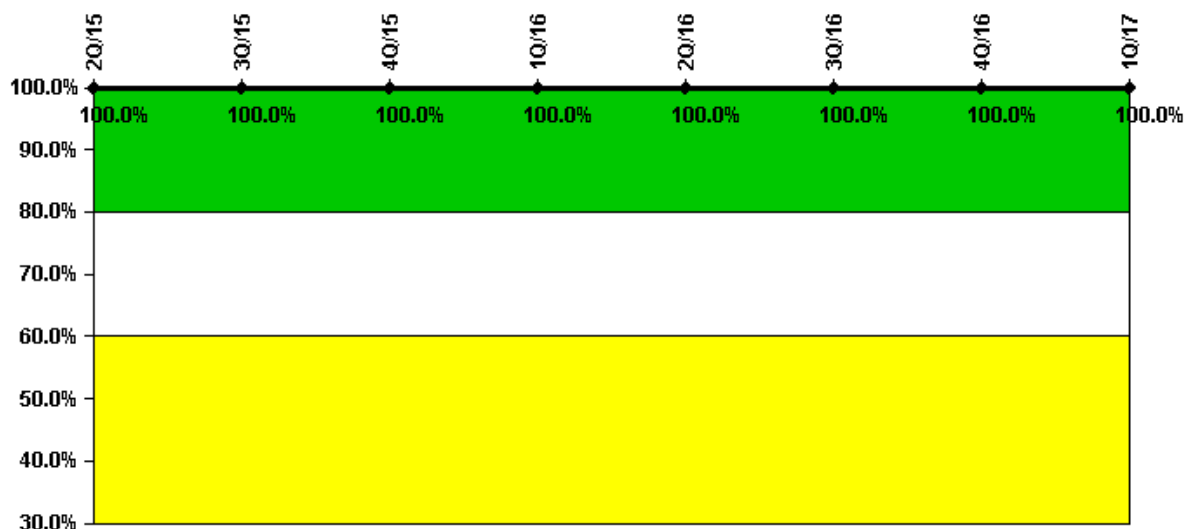
Drill/Exercise Performance	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Successful opportunities	11.0	38.0	33.0	29.0	28.0	24.0	12.0	56.0
Total opportunities	11.0	39.0	35.0	29.0	29.0	25.0	12.0	56.0

Indicator value 97.7% 97.9% 97.3% 97.5% 96.9% 96.8% 96.6% 97.9%

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Licensee Comments: none

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

Notes

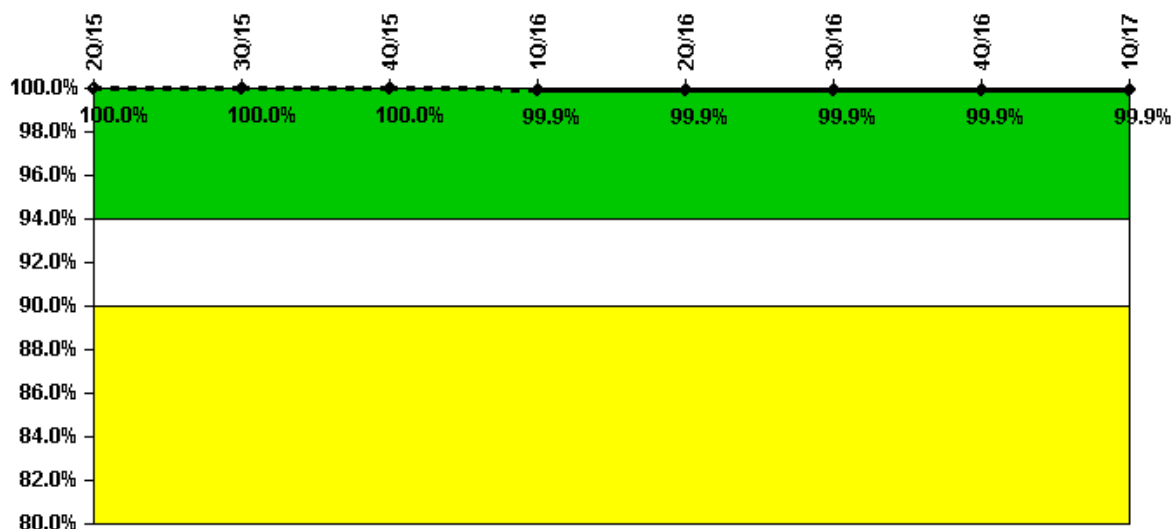
ERO Drill Participation	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Participating Key personnel	54.0	49.0	51.0	55.0	54.0	55.0	53.0	54.0
Total Key personnel	54.0	49.0	51.0	55.0	54.0	55.0	53.0	54.0

Indicator value 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0%

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Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

Notes

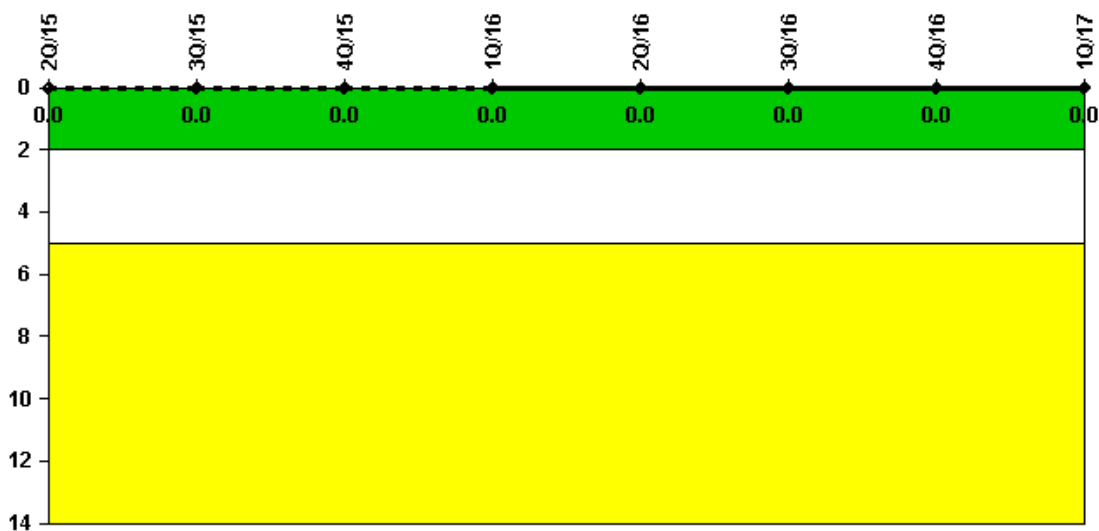
Alert & Notification System	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Successful siren-tests	581	746	664	580	664	492	746	497
Total sirens-tests	581	747	664	581	664	493	747	498

Indicator value 100.0% 100.0% 100.0% 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

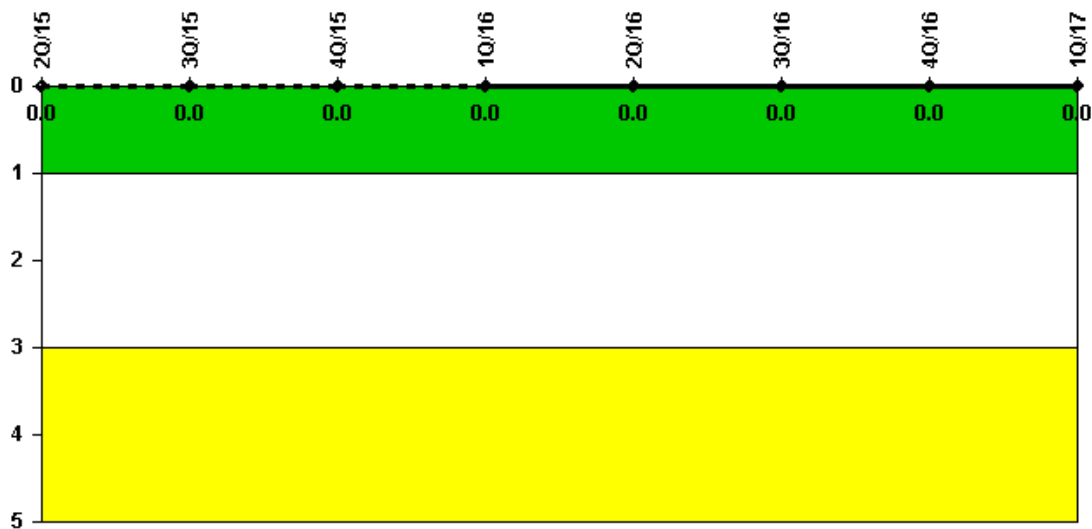
Occupational Exposure Control Effectiveness 2Q/15 3Q/15 4Q/15 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17

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	0	0	0	0	0	0	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> Harris 1 > Quarterly Performance Indicators

Harris 1 – Quarterly Performance Indicators

2Q/2017 Performance Indicators

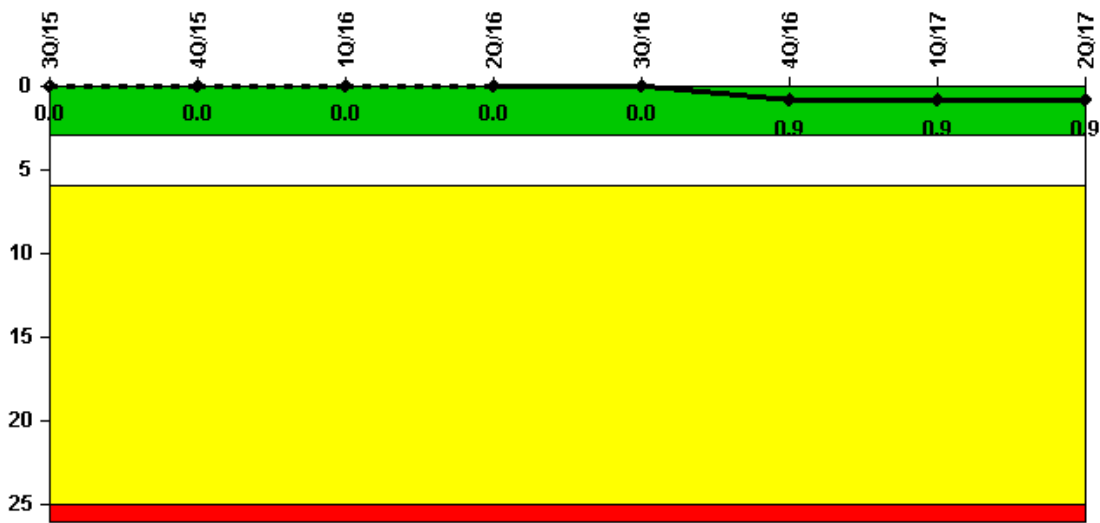
The solid trend line represents the current reporting period.

Licensee's General Comments: none

On this page:

- Unplanned Scrams (IE01)
- Unplanned Power Changes per 7000 Critical Hours (IE03)
- Unplanned Scrams with Complications (IE04)
- Safety System Functional Failures (MS05)
- Emergency AC Power Systems (MS06)
- High Pressure Injection Systems (MS07)
- Heat Removal Systems (MS08)
- Residual Heat Removal Systems (MS09)
- Cooling Water Systems (MS10)
- Reactor Coolant System Activity (BI01)
- Reactor Coolant System Leakage (BI02)
- Drill/Exercise Performance (EP01)
- Emergency Response Organization Drill Participation (EP02)
- Alert and Notification System Reliability (EP03)
- Occupational Exposure Control Effectiveness (OR01)
- RETS/OCDM Radiological Effluent Occurrence (PR01)
- Protected Area Equipment (PP01)

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

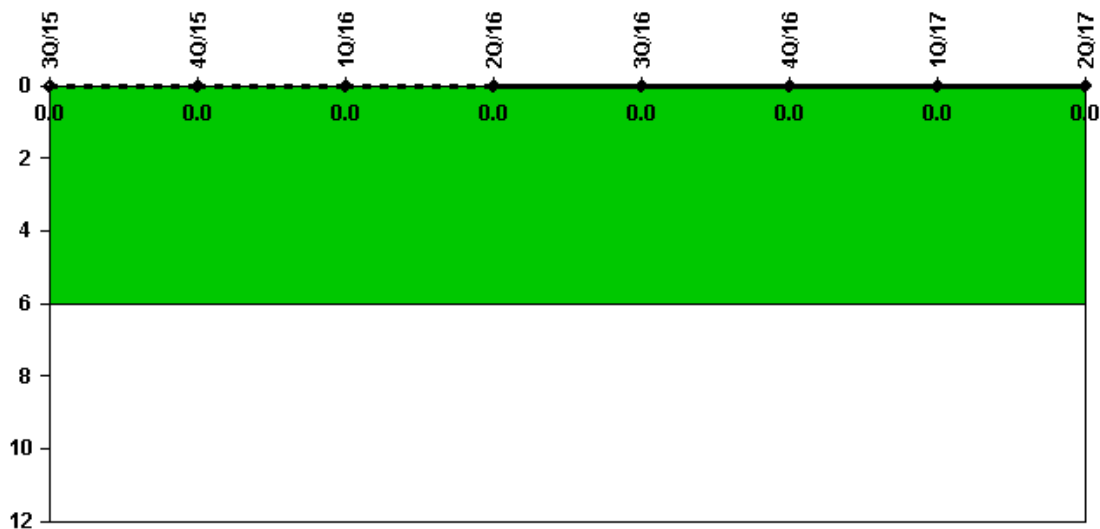
Unplanned Scrams per 7000 Critical Hrs	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Unplanned scrams	0	0	0	0	0	1.0	0	0
Critical hours	2208.0	2209.0	2183.0	2184.0	2208.0	1429.8	2159.0	2184.0

Indicator value	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Indicator value	0	0	0	0	0	0.9	0.9	0.9

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Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

Notes

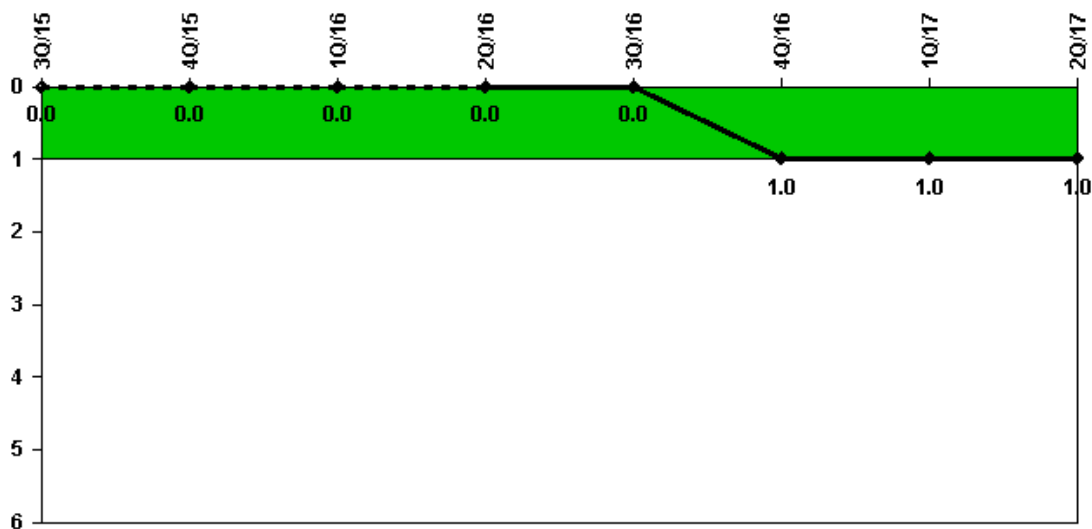
Unplanned Power Changes per 7000 Critical Hrs	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2208.0	2209.0	2183.0	2184.0	2208.0	1429.8	2159.0	2184.0

Indicator value	0	0	0	0	0	0	0	0
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Licensee Comments: none

Unplanned Scrams with Complications



Thresholds: White > 1.0

Notes

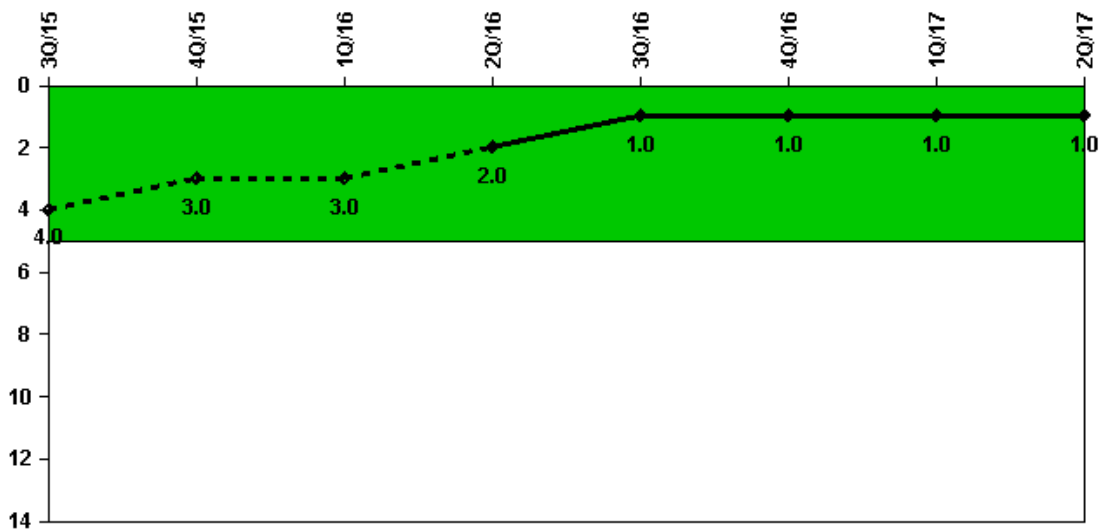
Unplanned Scrams with Complications	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Scrams with complications	0	0	0	0	0	1.0	0	0

Indicator value	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
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Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR) 3Q/15 4Q/15 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17

Safety System Functional Failures 2 0 0 0 1 0 0 0

Indicator value 4 3 3 2 1 1 1 1

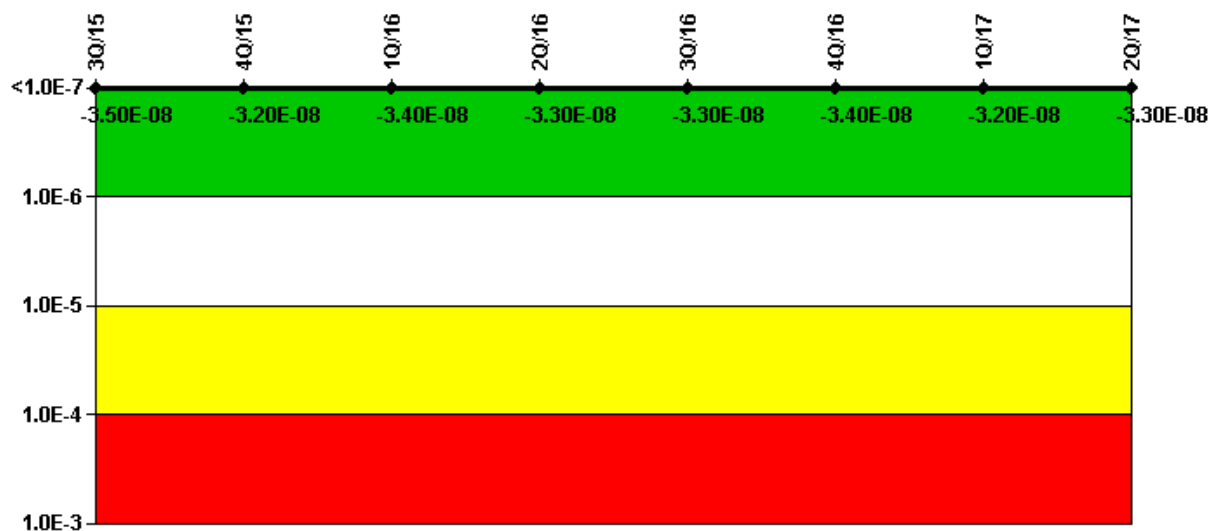
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Licensee Comments:

3Q/16: Licensee Event Report was submitted in September 2016 that involved a safety system functional failure (LER 2016-001-00). Multiple failures related to Tornado Missile Protection reported as one in accordance with FAQ 16-03 guidance.

3Q/15: Licensee Event Reports were submitted in both July 2015 and August 2015 that involved safety system functional failures. They were LER 2015-004-01 and LER 2015-005-00, respectively.

Mitigating Systems Performance Index, Emergency AC Power System



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

Notes

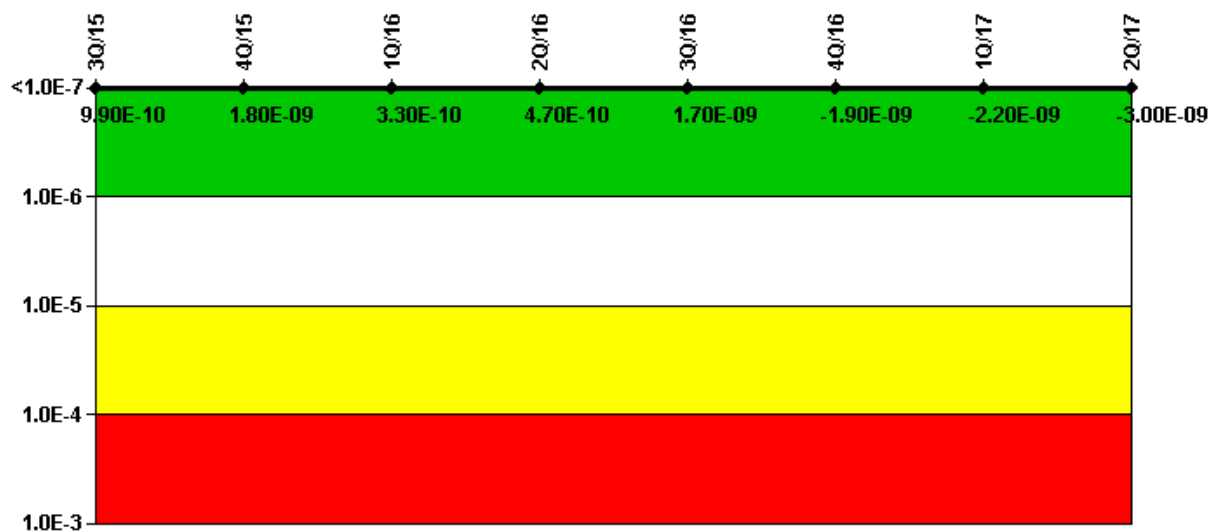
Mitigating Systems Performance Index, Emergency AC Power System

	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
UAI (ΔCDF)	1.44E-08	1.72E-08	1.52E-08	1.65E-08	1.67E-08	1.67E-08	1.77E-08	1.66E-08
URI (ΔCDF)	-4.96E-08	-4.96E-08	-4.96E-08	-4.96E-08	-4.96E-08	-5.08E-08	-4.95E-08	-4.95E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.50E-08	-3.20E-08	-3.40E-08	-3.30E-08	-3.30E-08	-3.40E-08	-3.20E-08	-3.30E-08

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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

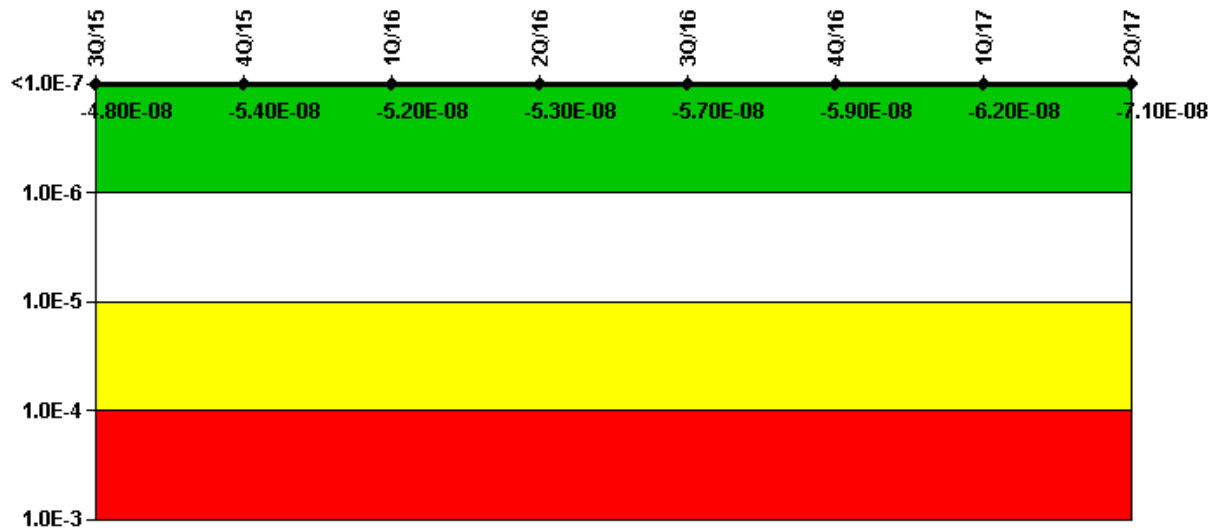
Mitigating Systems Performance Index, High Pressure Injection System

	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
UAI (ΔCDF)	1.01E-08	1.09E-08	9.44E-09	9.58E-09	1.08E-08	7.46E-09	7.14E-09	6.39E-09
URI (ΔCDF)	-9.11E-09	-9.11E-09	-9.11E-09	-9.11E-09	-9.11E-09	-9.38E-09	-9.38E-09	-9.38E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	9.90E-10	1.80E-09	3.30E-10	4.70E-10	1.70E-09	-1.90E-09	-2.20E-09	-3.00E-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

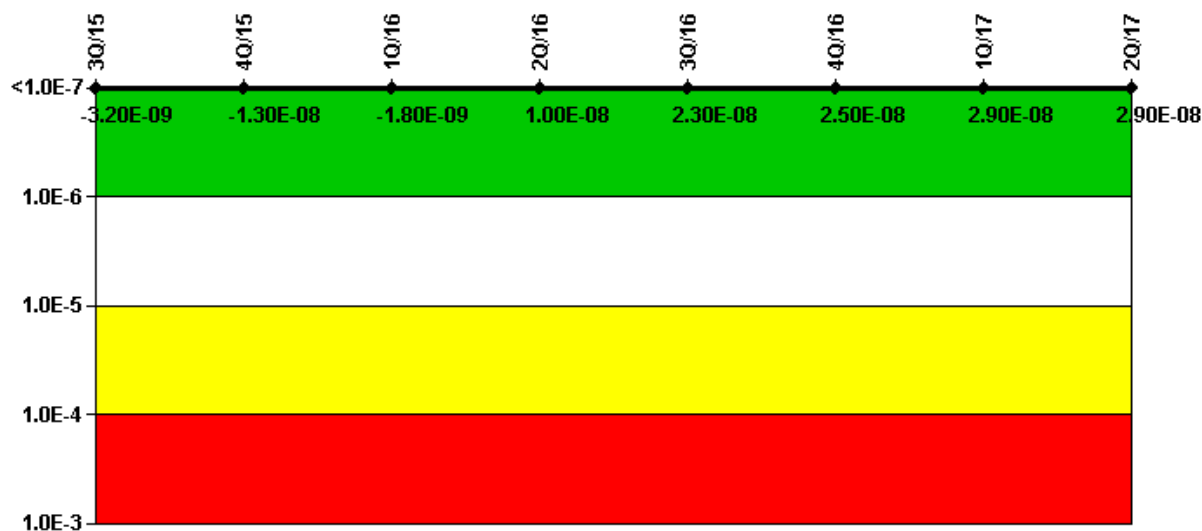
	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
UAI (ΔCDF)	1.52E-08	9.31E-09	1.34E-08	1.18E-08	8.18E-09	6.48E-09	2.96E-09	-5.76E-09
URI (ΔCDF)	-6.33E-08	-6.33E-08	-6.49E-08	-6.49E-08	-6.49E-08	-6.60E-08	-6.51E-08	-6.51E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.80E-08	-5.40E-08	-5.20E-08	-5.30E-08	-5.70E-08	-5.90E-08	-6.20E-08	-7.10E-08

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Licensee Comments:

2Q/16: The March 2016 data was revised to account for an incorrect interpretation of MSPI in-scope boundary components (Unavailability for sequencer relay work). Pump Train 'A' planned unavailable hours were revised from 0 to 6.7 hours, due to maintenance. Data revised in June 2016. Minute impact to indicator values post March 2016 up to June 2016. No change in indicator color.

Mitigating Systems Performance Index, Residual Heat Removal System



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

Notes

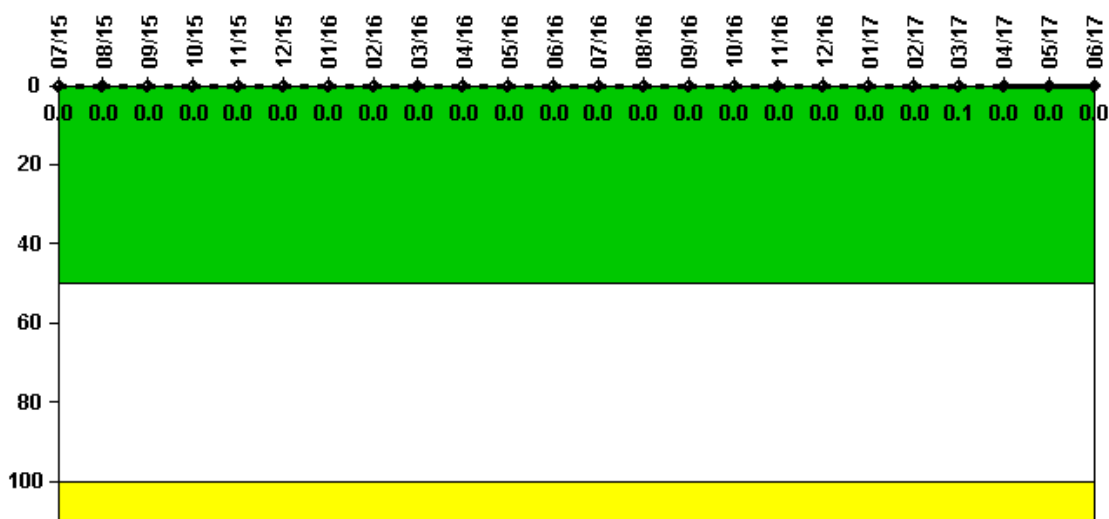
Mitigating Systems Performance Index, Residual Heat Removal System

	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
UAI (ΔCDF)	2.49E-08	1.51E-08	2.64E-08	3.85E-08	5.16E-08	5.39E-08	5.70E-08	5.70E-08
URI (ΔCDF)	-2.82E-08	-2.82E-08	-2.82E-08	-2.82E-08	-2.82E-08	-2.85E-08	-2.85E-08	-2.85E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.20E-09	-1.30E-08	-1.80E-09	1.00E-08	2.30E-08	2.50E-08	2.90E-08	2.90E-08

▲ TOP

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

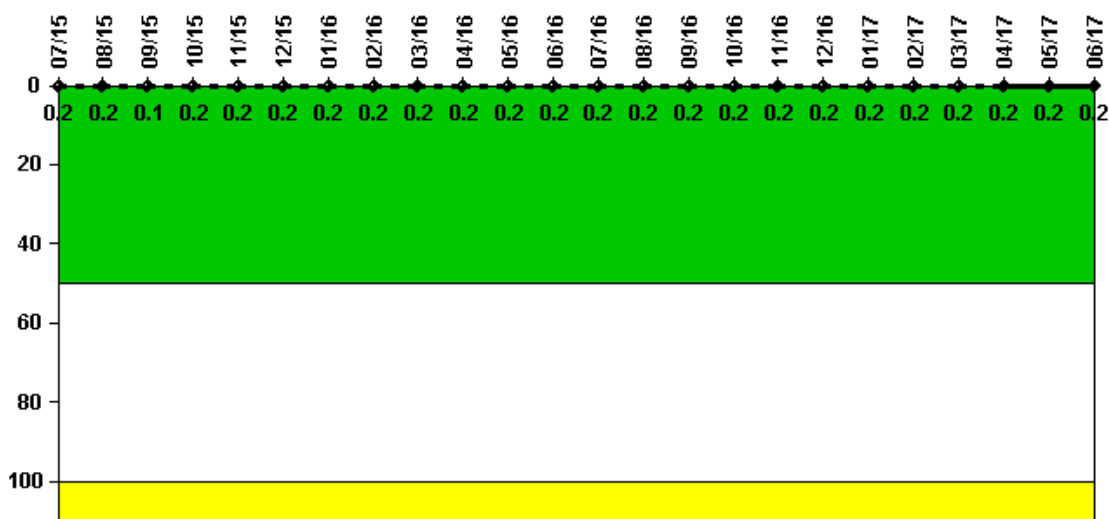
Notes

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	0.000404	0.000089	0.000094	0.000147	0.000104	0.000163	0.000346	0.000114	0.000139	0.000172	0.000122	0.000125
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	7/16	8/16	9/16	10/16	11/16	12/16	1/17	2/17	3/17	4/17	5/17	6/17
Maximum activity	0.000171	0.000143	0.000135	0.000127	0.000074	0.000136	0.000164	0.000226	0.001040	0.000238	0.000280	0.000289
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0.1	0	0	0

▲ TOP

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	0.016	0.015	0.014	0.015	0.015	0.015	0.015	0.017	0.019	0.017	0.016	0.017
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0

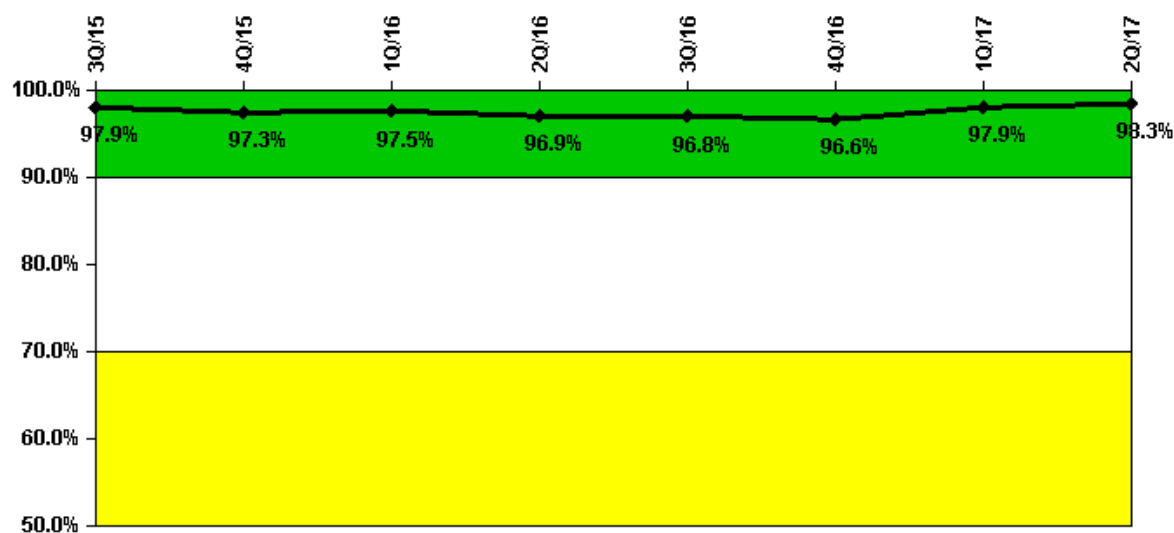
Indicator value	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Reactor Coolant System Leakage	7/16	8/16	9/16	10/16	11/16	12/16	1/17	2/17	3/17	4/17	5/17	6/17
Maximum leakage	0.018	0.018	0.018	0.018	0.020	0.020	0.018	0.017	0.017	0.018	0.017	0.018
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0

Indicator value	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
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TOP

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

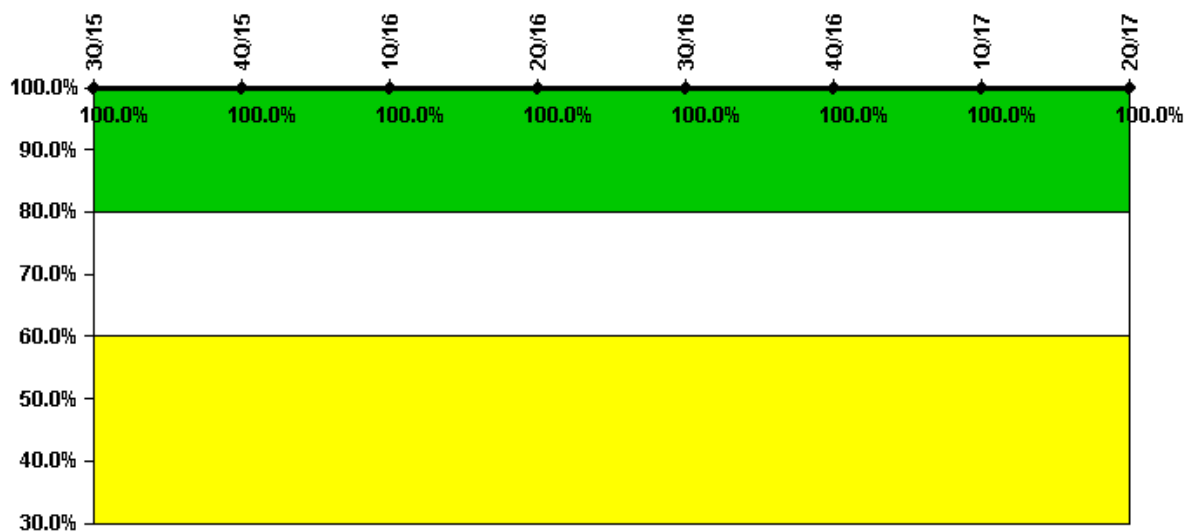
Drill/Exercise Performance	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Successful opportunities	38.0	33.0	29.0	28.0	24.0	12.0	56.0	64.0
Total opportunities	39.0	35.0	29.0	29.0	25.0	12.0	56.0	64.0

Indicator value 97.9% 97.3% 97.5% 96.9% 96.8% 96.6% 97.9% 98.3%

▲ TOP

Licensee Comments: none

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

Notes

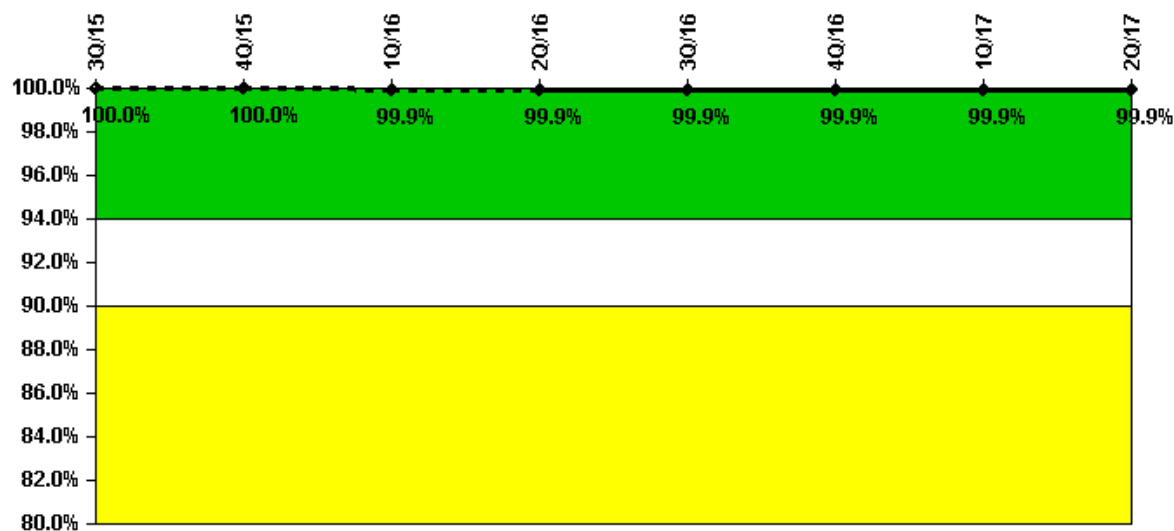
ERO Drill Participation	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Participating Key personnel	49.0	51.0	55.0	54.0	55.0	53.0	54.0	55.0
Total Key personnel	49.0	51.0	55.0	54.0	55.0	53.0	54.0	55.0

Indicator value **100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0%**

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Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

Notes

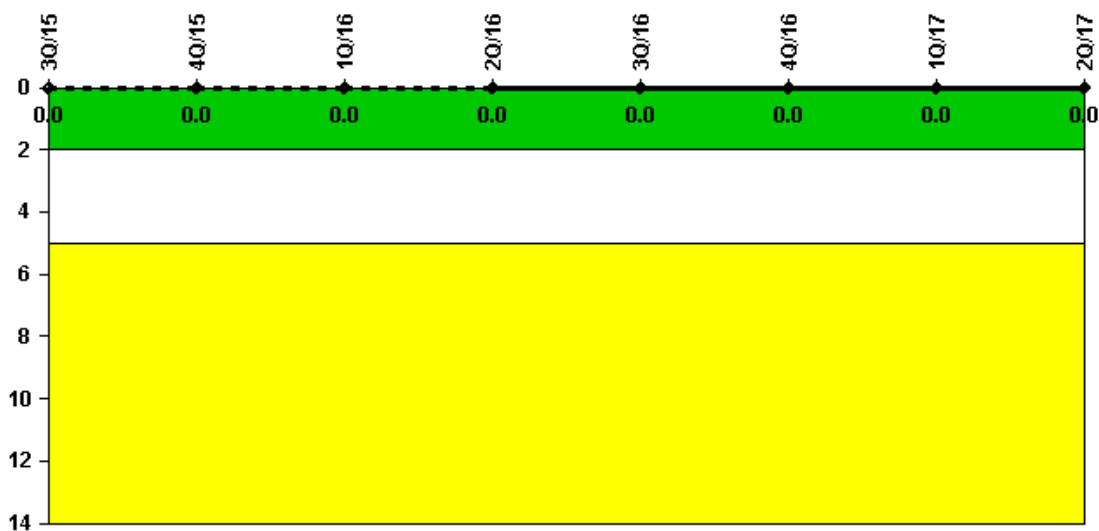
Alert & Notification System	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Successful siren-tests	746	664	580	664	492	746	497	664
Total sirens-tests	747	664	581	664	493	747	498	664

Indicator value 100.0% 100.0% 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

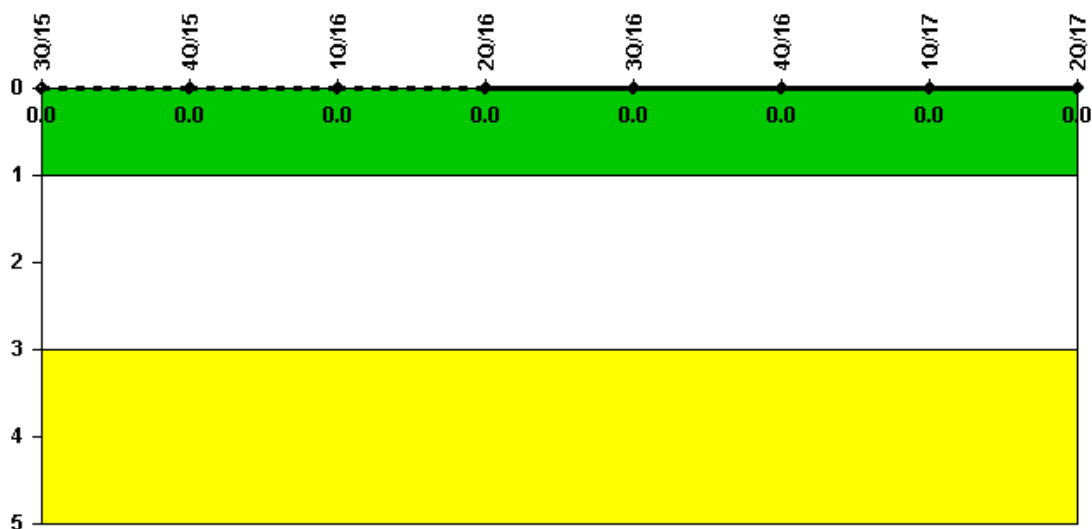
Occupational Exposure Control Effectiveness 3Q/15 4Q/15 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17

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	0	0	0	0	0	0	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

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Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

Current data as of: July 26, 2017

Page Last Reviewed/Updated Wednesday, June 07, 2017



Home > Nuclear Reactors > Operating Reactors > Reactor Oversight Process > Plant Summaries> Harris 1 > Quarterly Performance Indicators

Harris 1 – Quarterly Performance Indicators

3Q/2017 Performance Indicators

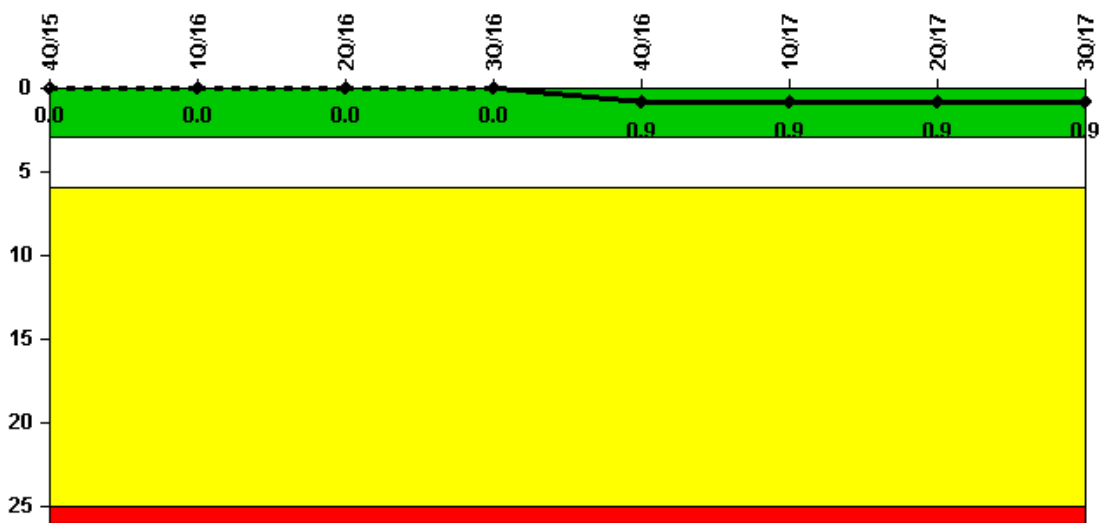
The solid trend line represents the current reporting period.

Licensee's General Comments: none

On this page:

- Unplanned Scrams (IE01)
- Unplanned Power Changes per 7000 Critical Hours (IE03)
- Unplanned Scrams with Complications (IE04)
- Safety System Functional Failures (MS05)
- Emergency AC Power Systems (MS06)
- High Pressure Injection Systems (MS07)
- Heat Removal Systems (MS08)
- Residual Heat Removal Systems (MS09)
- Cooling Water Systems (MS10)
- Reactor Coolant System Activity (BI01)
- Reactor Coolant System Leakage (BI02)
- Drill/Exercise Performance (EP01)
- Emergency Response Organization Drill Participation (EP02)
- Alert and Notification System Reliability (EP03)
- Occupational Exposure Control Effectiveness (OR01)
- RETS/OCDM Radiological Effluent Occurrence (PR01)
- Protected Area Equipment (PP01)

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

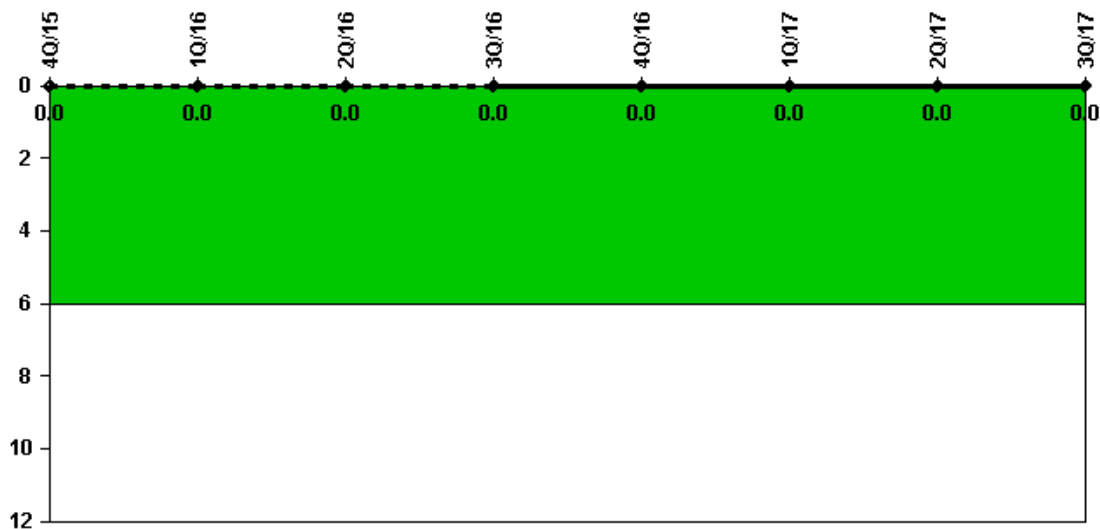
Unplanned Scrams per 7000 Critical Hrs	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Unplanned scrams	0	0	0	0	1.0	0	0	0
Critical hours	2209.0	2183.0	2184.0	2208.0	1429.8	2159.0	2184.0	2208.0

Indicator value	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Indicator value	0	0	0	0	0.9	0.9	0.9	0.9

▲ TOP

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

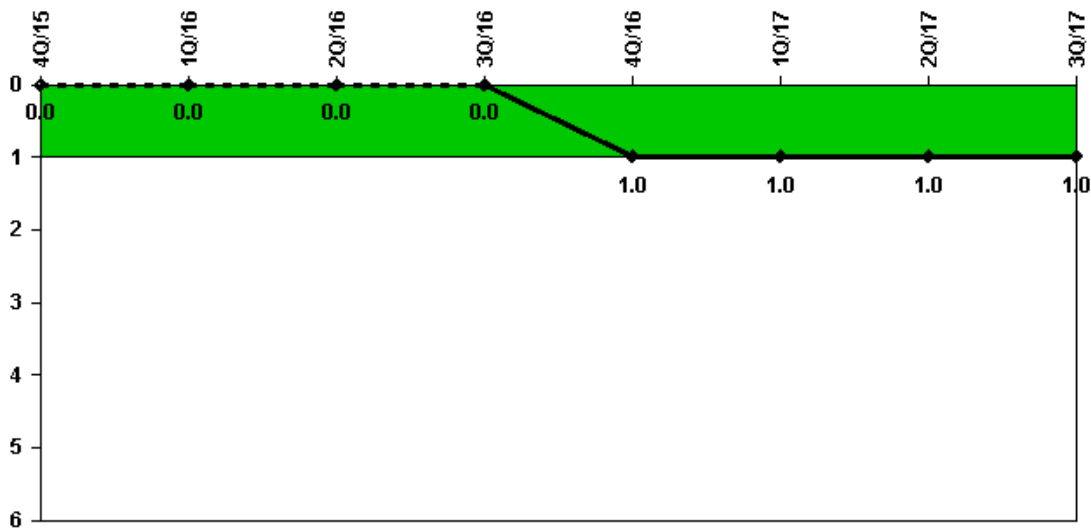
Notes

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	0
Critical hours	2209.0	2183.0	2184.0	2208.0	1429.8	2159.0	2184.0	2208.0
Indicator value	0	0	0	0	0	0	0	0

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Licensee Comments: none

Unplanned Scrams with Complications



Thresholds: White > 1.0

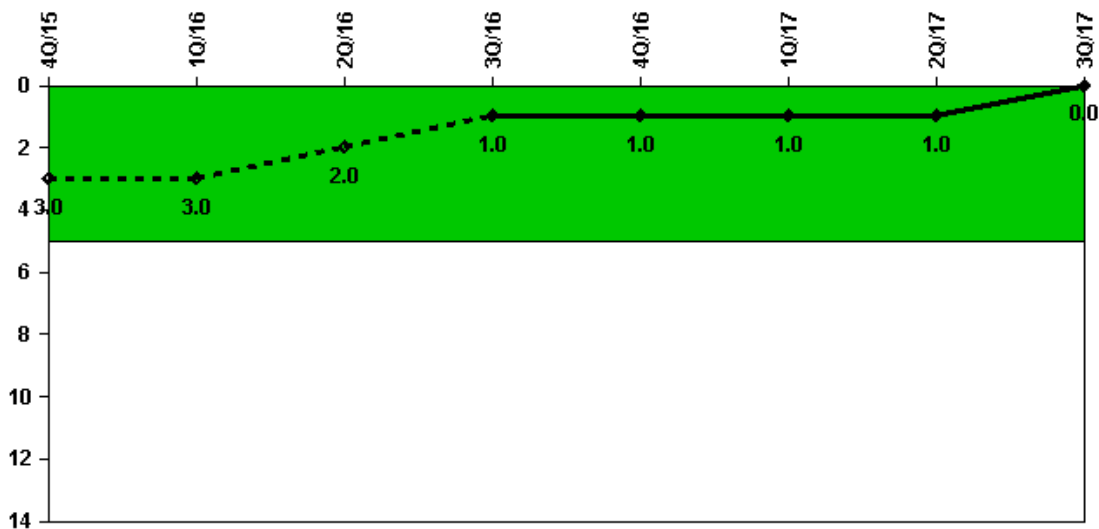
Notes

Unplanned Scrams with Complications	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Scrams with complications	0	0	0	0	1.0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0

▲ TOP

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR) 4Q/15 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17 3Q/17

Safety System Functional Failures 0 0 0 1 0 0 0 0

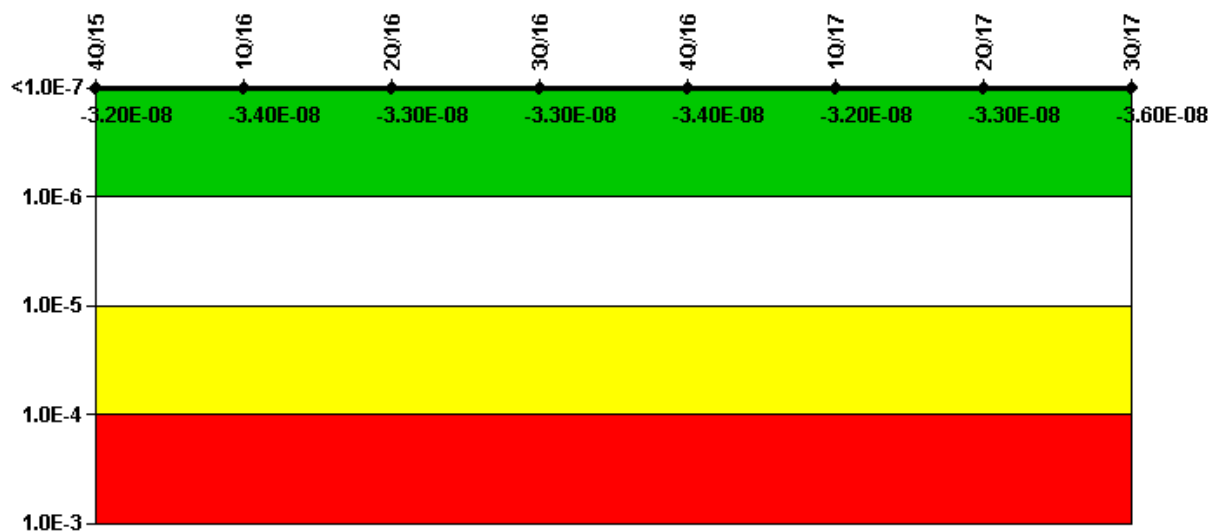
Indicator value 3 3 2 1 1 1 1 0

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Licensee Comments:

3Q/16: Licensee Event Report was submitted in September 2016 that involved a safety system functional failure (LER 2016-001-00). Multiple failures related to Tornado Missile Protection reported as one in accordance with FAQ 16-03 guidance.

Mitigating Systems Performance Index, Emergency AC Power System



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

Notes

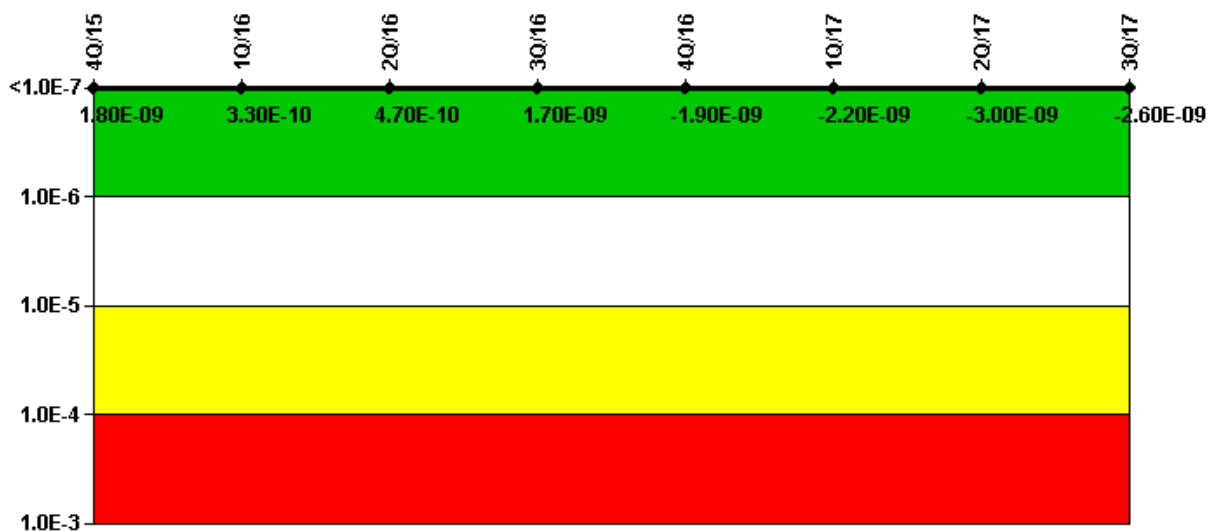
Mitigating Systems Performance Index, Emergency AC Power System

	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (ΔCDF)	1.72E-08	1.52E-08	1.65E-08	1.67E-08	1.67E-08	1.77E-08	1.66E-08	1.38E-08
URI (ΔCDF)	-4.96E-08	-4.96E-08	-4.96E-08	-4.96E-08	-5.08E-08	-4.95E-08	-4.95E-08	-4.95E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.20E-08	-3.40E-08	-3.30E-08	-3.30E-08	-3.40E-08	-3.20E-08	-3.30E-08	-3.60E-08

▲ TOP

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

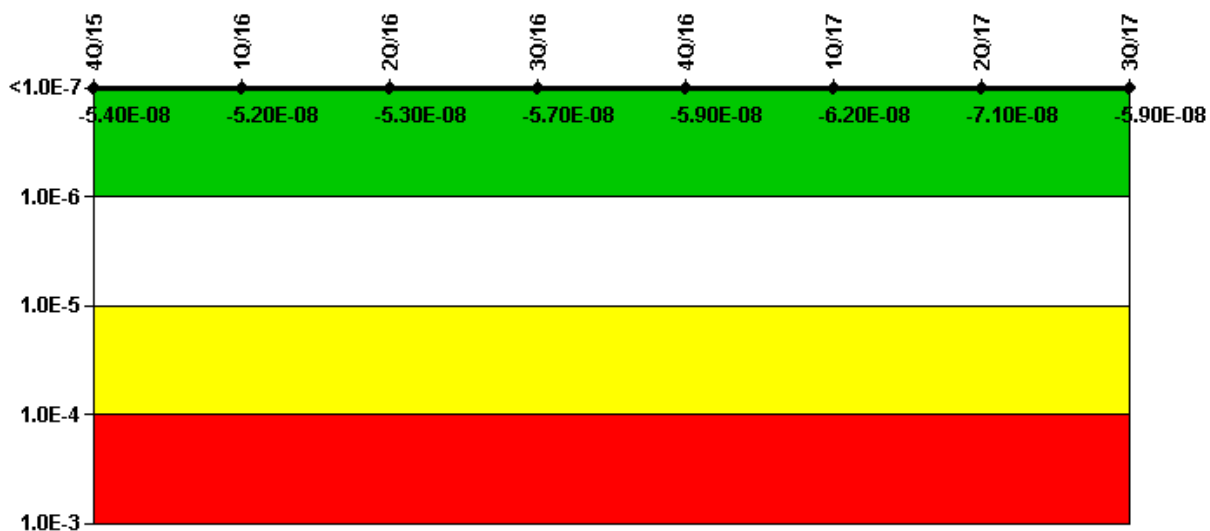
Mitigating Systems Performance Index, High Pressure Injection System

	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (ΔCDF)	1.09E-08	9.44E-09	9.58E-09	1.08E-08	7.46E-09	7.14E-09	6.39E-09	6.82E-09
URI (ΔCDF)	-9.11E-09	-9.11E-09	-9.11E-09	-9.11E-09	-9.38E-09	-9.38E-09	-9.38E-09	-9.38E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.80E-09	3.30E-10	4.70E-10	1.70E-09	-1.90E-09	-2.20E-09	-3.00E-09	-2.60E-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

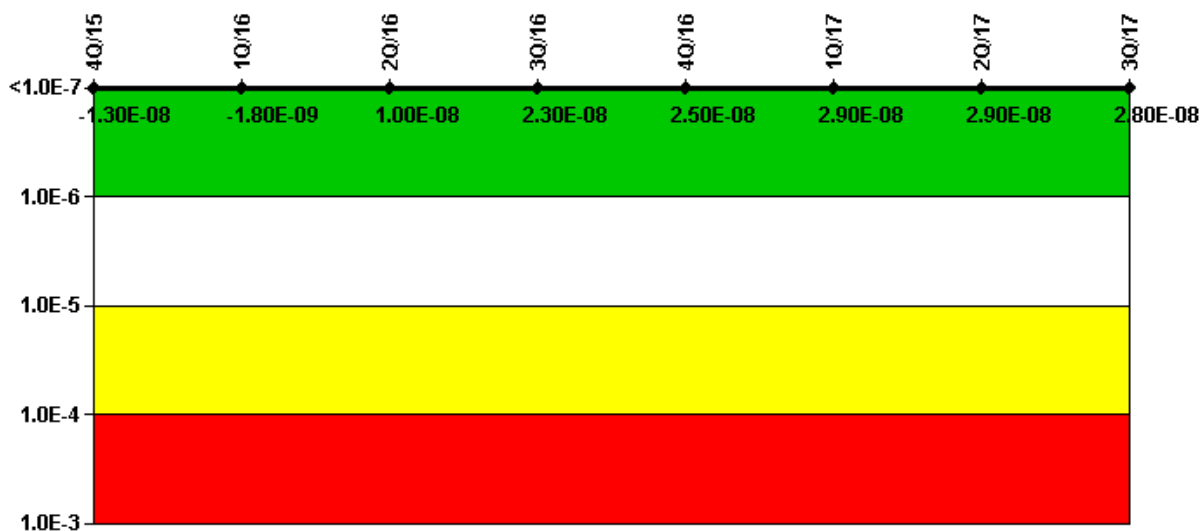
	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (ΔCDF)	9.31E-09	1.34E-08	1.18E-08	8.18E-09	6.48E-09	2.96E-09	-5.76E-09	6.51E-09
URI (ΔCDF)	-6.33E-08	-6.49E-08	-6.49E-08	-6.49E-08	-6.60E-08	-6.51E-08	-6.51E-08	-6.51E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.40E-08	-5.20E-08	-5.30E-08	-5.70E-08	-5.90E-08	-6.20E-08	-7.10E-08	-5.90E-08

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Licensee Comments:

2Q/16: The March 2016 data was revised to account for an incorrect interpretation of MSPI in-scope boundary components (Unavailability for sequencer relay work). Pump Train 'A' planned unavailable hours were revised from 0 to 6.7 hours, due to maintenance. Data revised in June 2016. Minute impact to indicator values post March 2016 up to June 2016. No change in indicator color.

Mitigating Systems Performance Index, Residual Heat Removal System



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

Notes

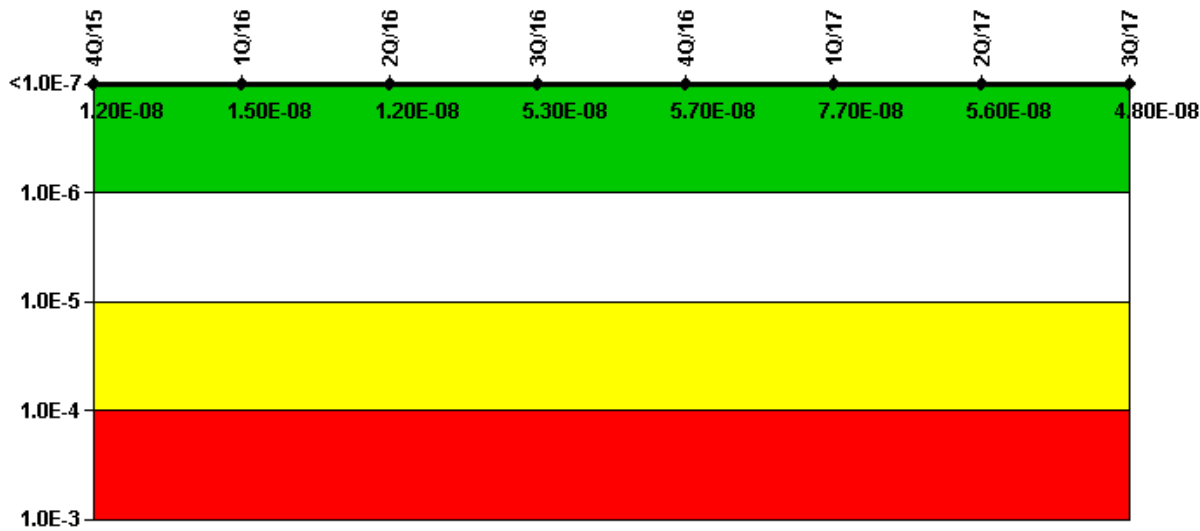
Mitigating Systems Performance Index, Residual Heat Removal System

	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (Δ CDF)	1.51E-08	2.64E-08	3.85E-08	5.16E-08	5.39E-08	5.70E-08	5.70E-08	5.63E-08
URI (Δ CDF)	-2.82E-08	-2.82E-08	-2.82E-08	-2.82E-08	-2.85E-08	-2.85E-08	-2.85E-08	-2.85E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.30E-08	-1.80E-09	1.00E-08	2.30E-08	2.50E-08	2.90E-08	2.90E-08	2.80E-08

▲ 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

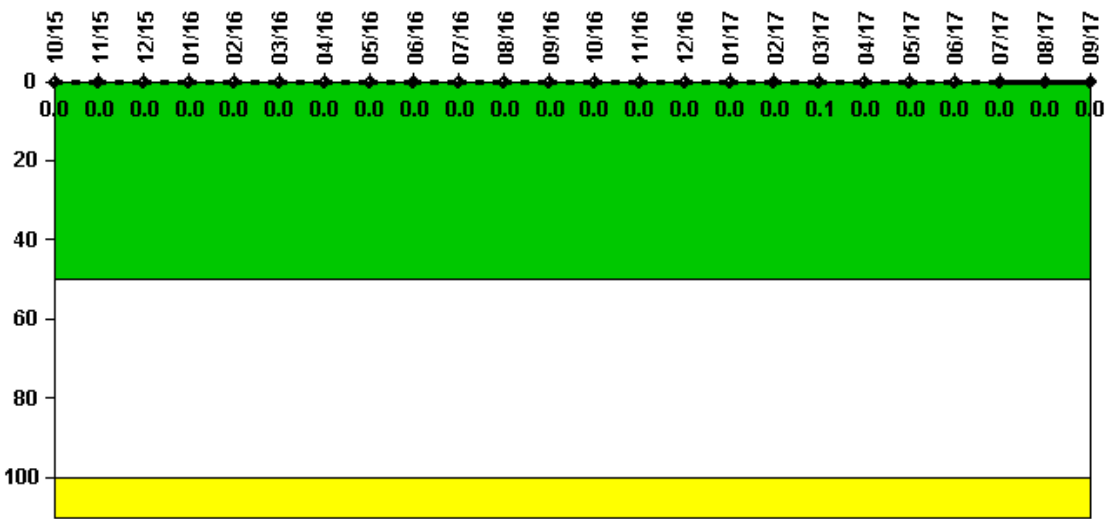
	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (ΔCDF)	2.17E-08	2.49E-08	2.23E-08	6.34E-08	6.80E-08	8.82E-08	6.62E-08	5.88E-08
URI (ΔCDF)	-1.01E-08	-1.01E-08	-1.01E-08	-1.01E-08	-1.10E-08	-1.07E-08	-1.07E-08	-1.07E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.20E-08	1.50E-08	1.20E-08	5.30E-08	5.70E-08	7.70E-08	5.60E-08	4.80E-08

▲ TOP

Licensee Comments:

2Q/16: The May 2015 data was revised to account for an incorrect interpretation of MSPI in-scope boundary components (Unavailability for sequencer relay work). It was revised to reflect the 'A' ESW pump being unavailable for 3.35 hours instead of 0 hours. Data revised in June 2016. Minute impact to Indicator values post May 2015 and prior to June 2016. No change in indicator color.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

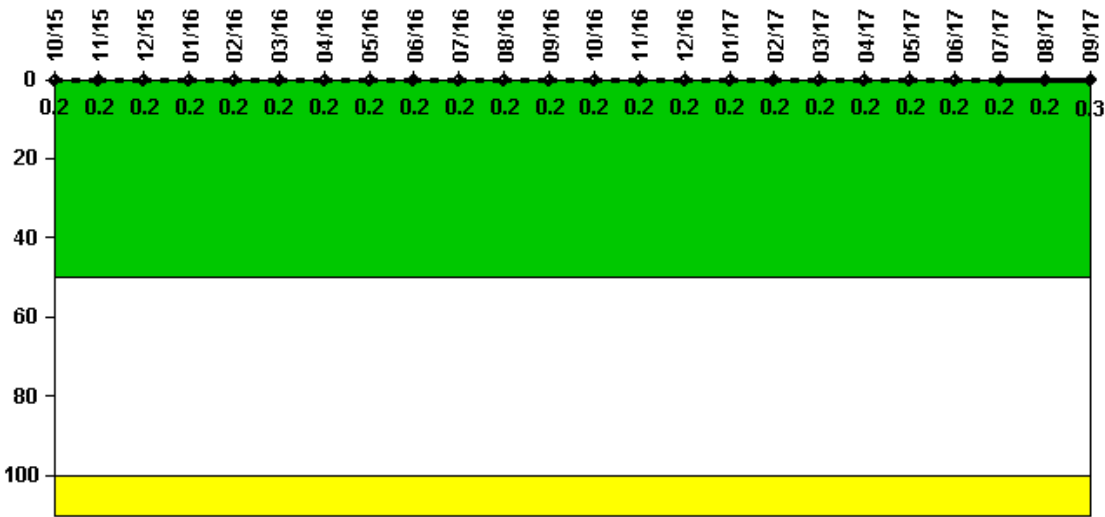
Notes

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	0.000147	0.000104	0.000163	0.000346	0.000114	0.000139	0.000172	0.000122	0.000125	0.000171	0.000143	0.000135
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	10/16	11/16	12/16	1/17	2/17	3/17	4/17	5/17	6/17	7/17	8/17	9/17
Maximum activity	0.000127	0.000074	0.000136	0.000164	0.000226	0.001040	0.000238	0.000280	0.000289	0.000308	0.000330	0.000343
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0.1	0	0	0	0	0	0

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Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

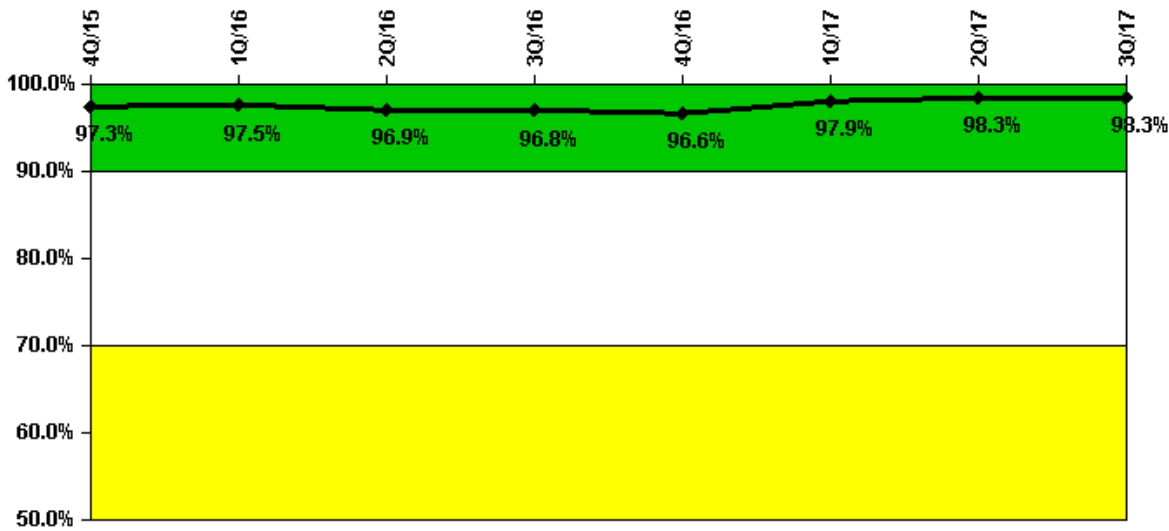
Notes

Reactor Coolant System Leakage	10/15	11/15	12/15	1/16	2/16	3/16	4/16	5/16	6/16	7/16	8/16	9/16
Maximum leakage	0.015	0.015	0.015	0.015	0.017	0.019	0.017	0.016	0.017	0.018	0.018	0.018
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
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	0.018	0.020	0.020	0.018	0.017	0.017	0.018	0.017	0.018	0.019	0.018	0.026
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3

[TOP](#)

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

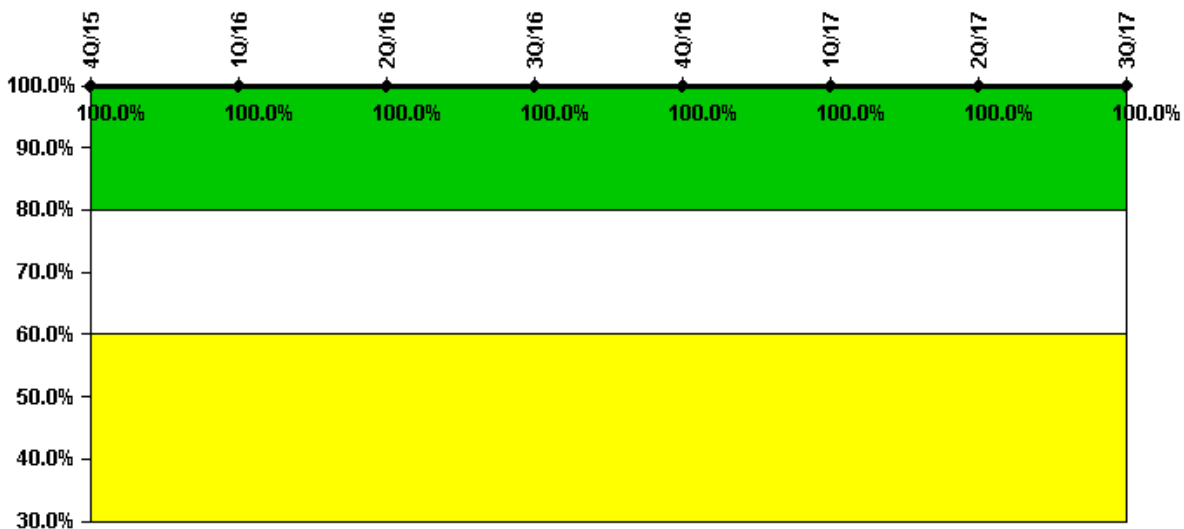
Drill/Exercise Performance	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Successful opportunities	33.0	29.0	28.0	24.0	12.0	56.0	64.0	37.0
Total opportunities	35.0	29.0	29.0	25.0	12.0	56.0	64.0	38.0

Indicator value 97.3% 97.5% 96.9% 96.8% 96.6% 97.9% 98.3% 98.3%

▲ TOP

Licensee Comments: none

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

Notes

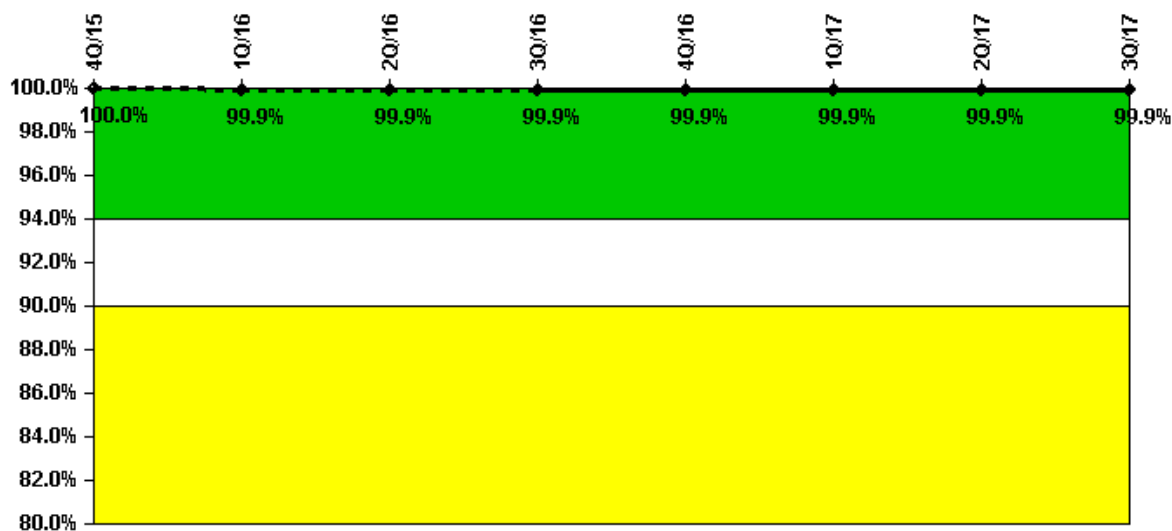
ERO Drill Participation	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Participating Key personnel	51.0	55.0	54.0	55.0	53.0	54.0	55.0	55.0
Total Key personnel	51.0	55.0	54.0	55.0	53.0	54.0	55.0	55.0

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

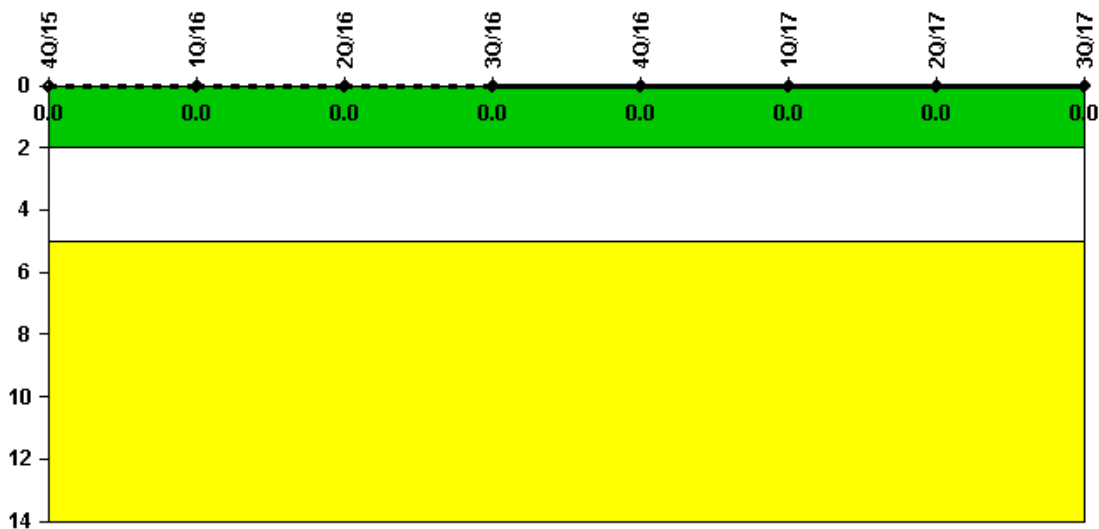
Alert & Notification System	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Successful siren-tests	664	580	664	492	746	497	664	498
Total sirens-tests	664	581	664	493	747	498	664	498

Indicator value 100.0% 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

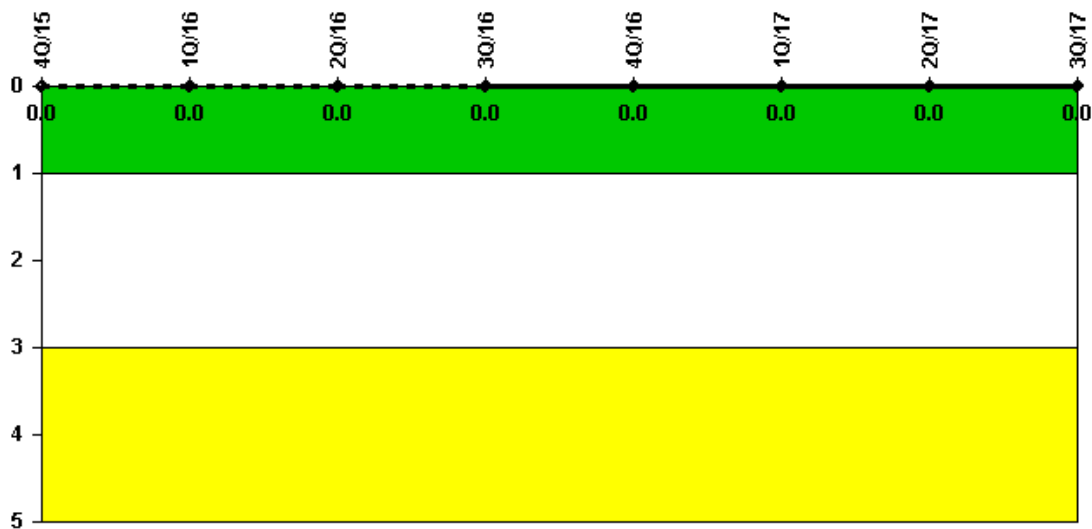
Occupational Exposure Control Effectiveness 4Q/15 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17 3Q/17

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	0	0	0	0	0	0	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> Harris 1 > Quarterly Performance Indicators

Harris 1 – Quarterly Performance Indicators

4Q/2017 Performance Indicators

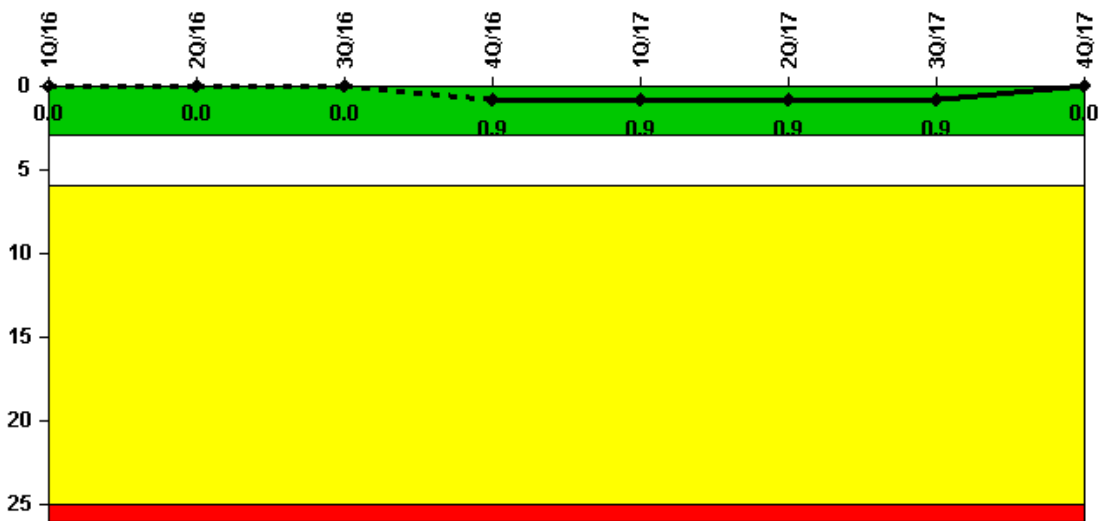
The solid trend line represents the current reporting period.

Licensee's General Comments: none

On this page:

- Unplanned Scrams (IE01)
- Unplanned Power Changes per 7000 Critical Hours (IE03)
- Unplanned Scrams with Complications (IE04)
- Safety System Functional Failures (MS05)
- Emergency AC Power Systems (MS06)
- High Pressure Injection Systems (MS07)
- Heat Removal Systems (MS08)
- Residual Heat Removal Systems (MS09)
- Cooling Water Systems (MS10)
- Reactor Coolant System Activity (BI01)
- Reactor Coolant System Leakage (BI02)
- Drill/Exercise Performance (EP01)
- Emergency Response Organization Drill Participation (EP02)
- Alert and Notification System Reliability (EP03)
- Occupational Exposure Control Effectiveness (OR01)
- RETS/OCDM Radiological Effluent Occurrence (PR01)
- Protected Area Equipment (PP01)

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

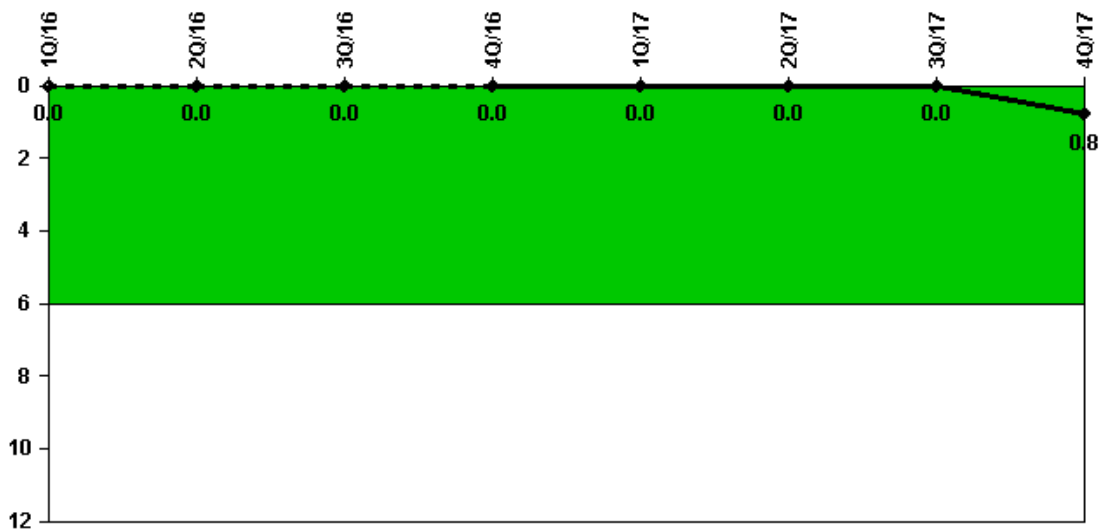
Unplanned Scrams per 7000 Critical Hrs	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Unplanned scrams	0	0	0	1.0	0	0	0	0
Critical hours	2183.0	2184.0	2208.0	1429.8	2159.0	2184.0	2208.0	2179.9

Indicator value	0	0	0	0.9	0.9	0.9	0.9	0
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TOP

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

Notes

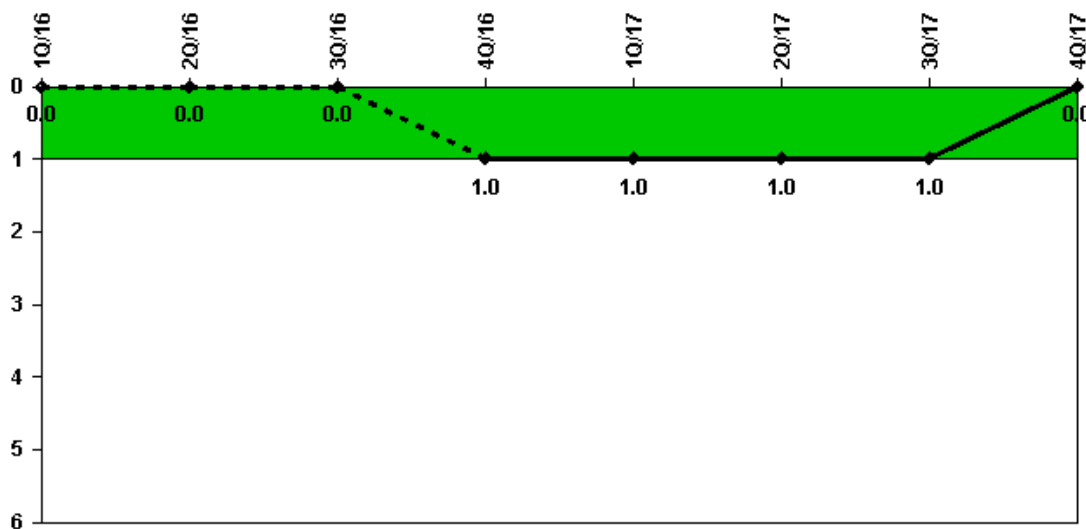
Unplanned Power Changes per 7000 Critical Hrs	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Unplanned power changes	0	0	0	0	0	0	0	1.0
Critical hours	2183.0	2184.0	2208.0	1429.8	2159.0	2184.0	2208.0	2179.9

Indicator value 0 0 0 0 0 0 0 0.8

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Licensee Comments: none

Unplanned Scrams with Complications



Thresholds: White > 1.0

Notes

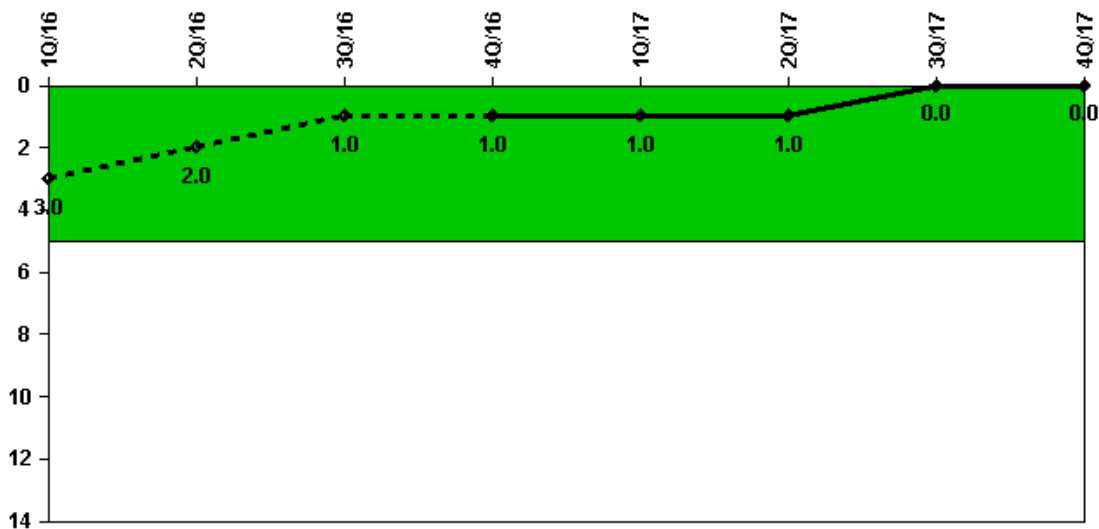
Unplanned Scrams with Complications	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Scrams with complications	0	0	0	1.0	0	0	0	0

Indicator value 0.0 0.0 0.0 1.0 1.0 1.0 1.0 0.0

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Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR) 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17 3Q/17 4Q/17

Safety System Functional Failures 0 0 1 0 0 0 0 0

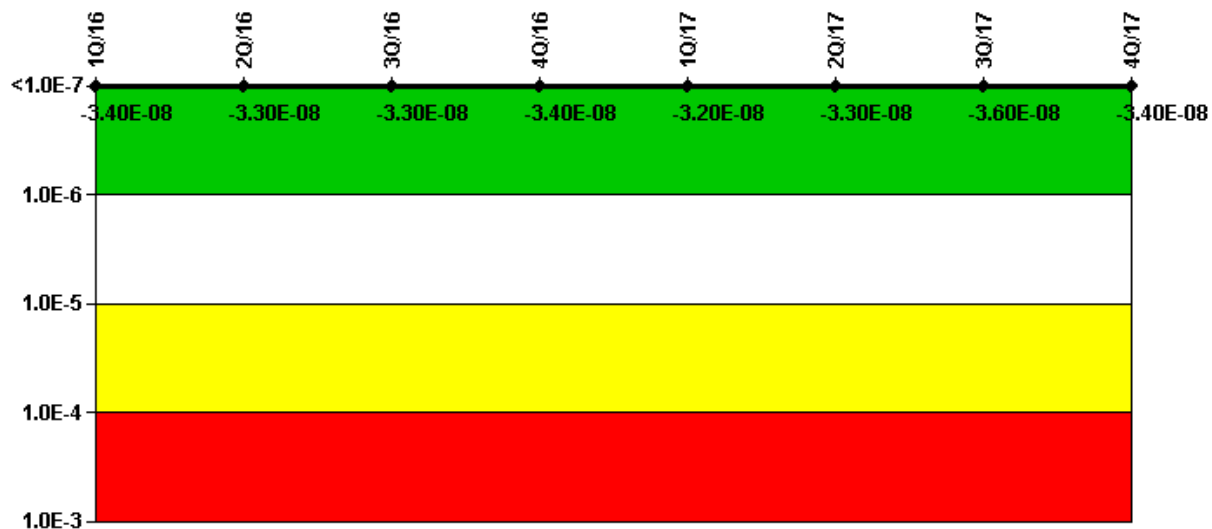
Indicator value 3 2 1 1 1 1 0 0

▲ TOP

Licensee Comments:

3Q/16: Licensee Event Report was submitted in September 2016 that involved a safety system functional failure (LER 2016-001-00). Multiple failures related to Tornado Missile Protection reported as one in accordance with FAQ 16-03 guidance.

Mitigating Systems Performance Index, Emergency AC Power System



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

Notes

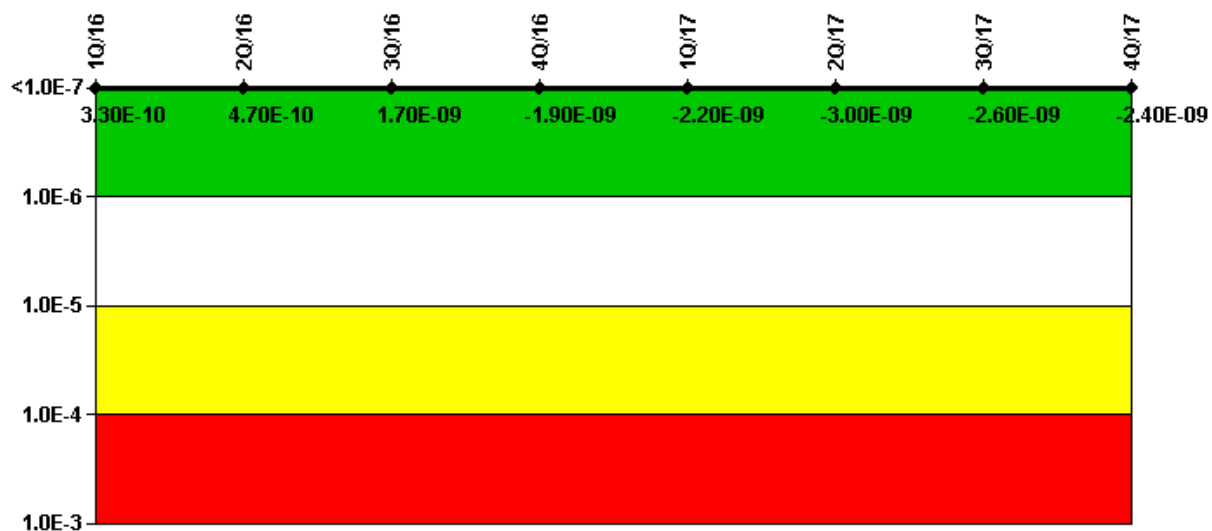
Mitigating Systems Performance Index, Emergency AC Power System

	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
UAI (Δ CDF)	1.52E-08	1.65E-08	1.67E-08	1.67E-08	1.77E-08	1.66E-08	1.38E-08	1.50E-08
URI (Δ CDF)	-4.96E-08	-4.96E-08	-4.96E-08	-5.08E-08	-4.95E-08	-4.95E-08	-4.95E-08	-4.95E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.40E-08	-3.30E-08	-3.30E-08	-3.40E-08	-3.20E-08	-3.30E-08	-3.60E-08	-3.40E-08

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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

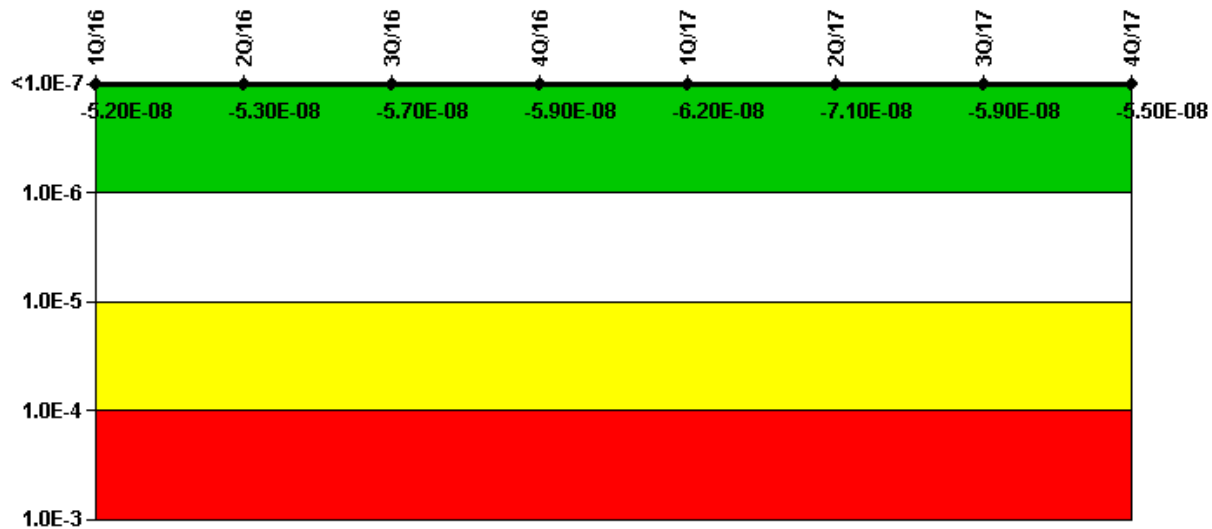
Mitigating Systems Performance Index, High Pressure Injection System

	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
UAI (Δ CDF)	9.44E-09	9.58E-09	1.08E-08	7.46E-09	7.14E-09	6.39E-09	6.82E-09	6.95E-09
URI (Δ CDF)	-9.11E-09	-9.11E-09	-9.11E-09	-9.38E-09	-9.38E-09	-9.38E-09	-9.38E-09	-9.38E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.30E-10	4.70E-10	1.70E-09	-1.90E-09	-2.20E-09	-3.00E-09	-2.60E-09	-2.40E-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

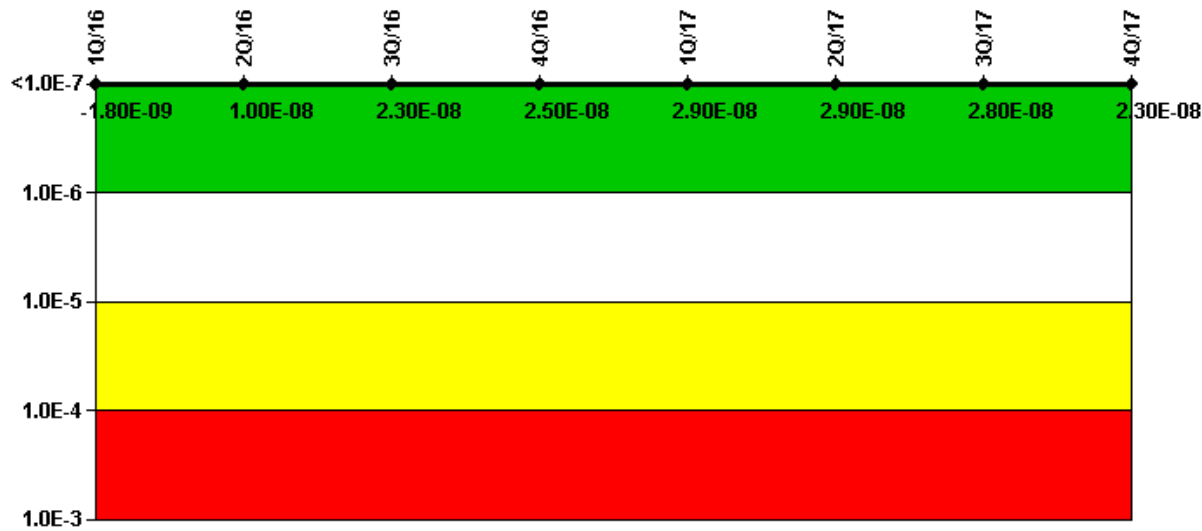
	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
UAI (ΔCDF)	1.34E-08	1.18E-08	8.18E-09	6.48E-09	2.96E-09	-5.76E-09	6.51E-09	9.99E-09
URI (ΔCDF)	-6.49E-08	-6.49E-08	-6.49E-08	-6.60E-08	-6.51E-08	-6.51E-08	-6.51E-08	-6.51E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.20E-08	-5.30E-08	-5.70E-08	-5.90E-08	-6.20E-08	-7.10E-08	-5.90E-08	-5.50E-08

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Licensee Comments:

2Q/16: The March 2016 data was revised to account for an incorrect interpretation of MSPI in-scope boundary components (Unavailability for sequencer relay work). Pump Train 'A' planned unavailable hours were revised from 0 to 6.7 hours, due to maintenance. Data revised in June 2016. Minute impact to indicator values post March 2016 up to June 2016. No change in indicator color.

Mitigating Systems Performance Index, Residual Heat Removal System



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

Notes

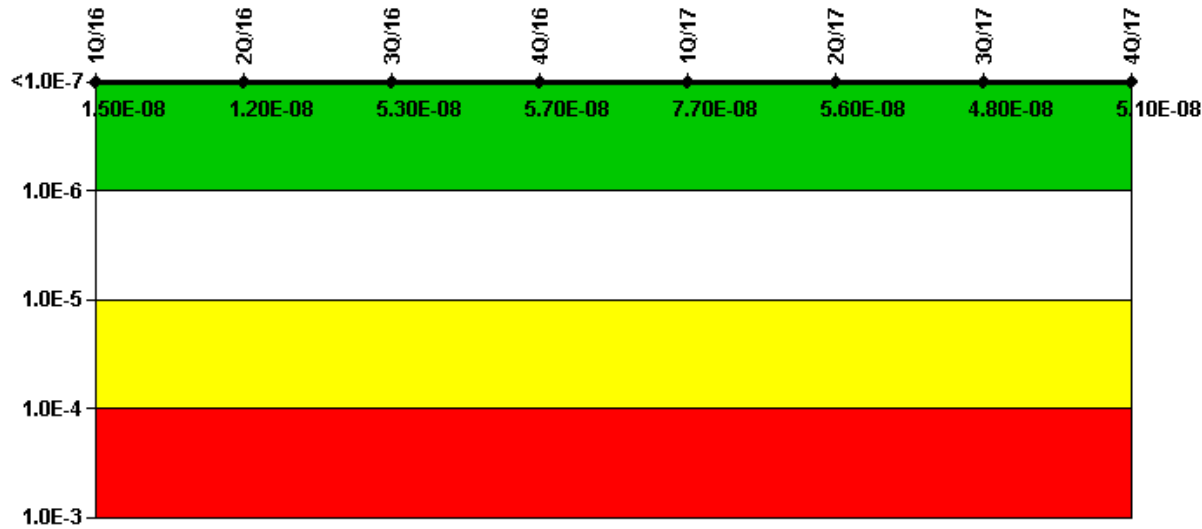
Mitigating Systems Performance Index, Residual Heat Removal System

	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
UAI (ΔCDF)	2.64E-08	3.85E-08	5.16E-08	5.39E-08	5.70E-08	5.70E-08	5.63E-08	5.16E-08
URI (ΔCDF)	-2.82E-08	-2.82E-08	-2.82E-08	-2.85E-08	-2.85E-08	-2.85E-08	-2.85E-08	-2.85E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.80E-09	1.00E-08	2.30E-08	2.50E-08	2.90E-08	2.90E-08	2.80E-08	2.30E-08

▲ 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

	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
UAI (Δ CDF)	2.49E-08	2.23E-08	6.34E-08	6.80E-08	8.82E-08	6.62E-08	5.88E-08	6.19E-08
URI (Δ CDF)	-1.01E-08	-1.01E-08	-1.01E-08	-1.10E-08	-1.07E-08	-1.07E-08	-1.07E-08	-1.07E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO

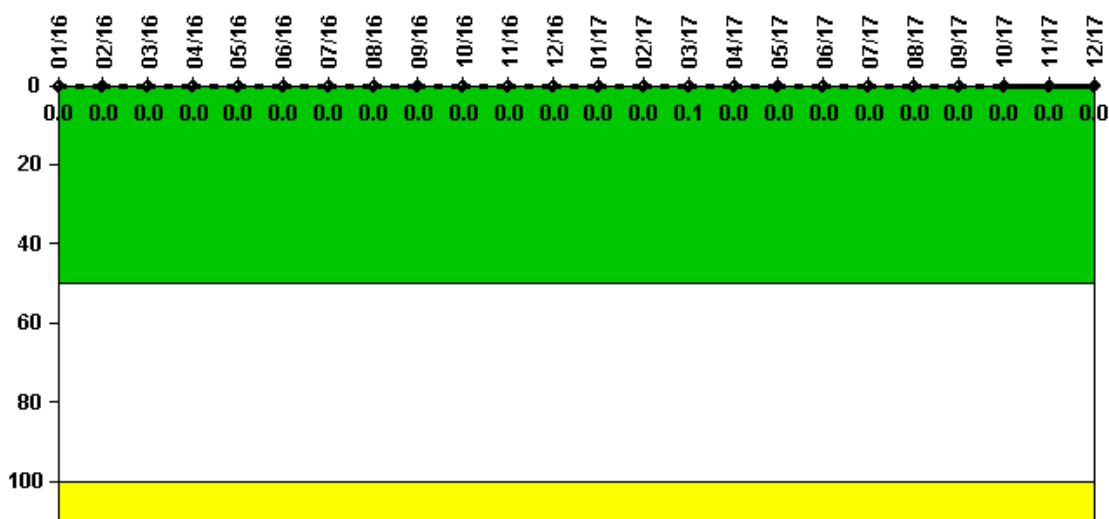
Indicator value 1.50E-08 1.20E-08 5.30E-08 5.70E-08 7.70E-08 5.60E-08 4.80E-08 5.10E-08

▲ TOP

Licensee Comments:

2Q/16: The May 2016 data was revised to account for an incorrect interpretation of MSPI in-scope boundary components (Unavailability for sequencer relay work). It was revised to reflect the 'A' ESW pump being unavailable for 3.35 hours instead of 0 hours. Data revised in June 2016. Minute impact to Indicator values post May 2015 and prior to June 2016. No change in indicator color.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

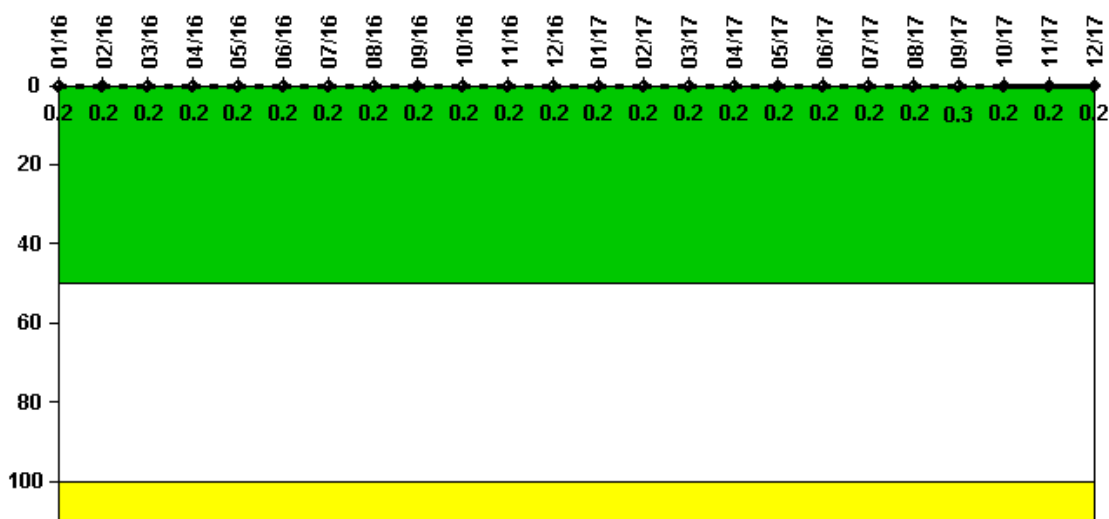
Notes

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	0.000346	0.000114	0.000139	0.000172	0.000122	0.000125	0.000171	0.000143	0.000135	0.000127	0.000074	0.000136
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	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	0.000164	0.000226	0.001040	0.000238	0.000280	0.000289	0.000308	0.000330	0.000343	0.000347	0.000429	0.000455
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0.1	0	0	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	1/16	2/16	3/16	4/16	5/16	6/16	7/16	8/16	9/16	10/16	11/16	12/16
Maximum leakage	0.015	0.017	0.019	0.017	0.016	0.017	0.018	0.018	0.018	0.018	0.020	0.020
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0

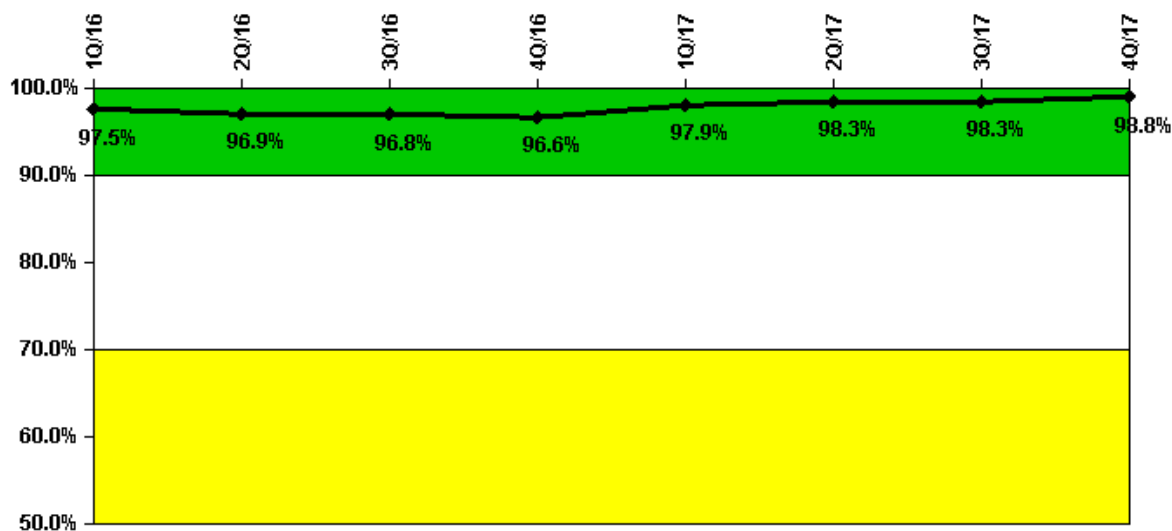
Indicator value	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Reactor Coolant System Leakage	1/17	2/17	3/17	4/17	5/17	6/17	7/17	8/17	9/17	10/17	11/17	12/17
Maximum leakage	0.018	0.017	0.017	0.018	0.017	0.018	0.019	0.018	0.026	0.017	0.016	0.018
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0

Indicator value	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2
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Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

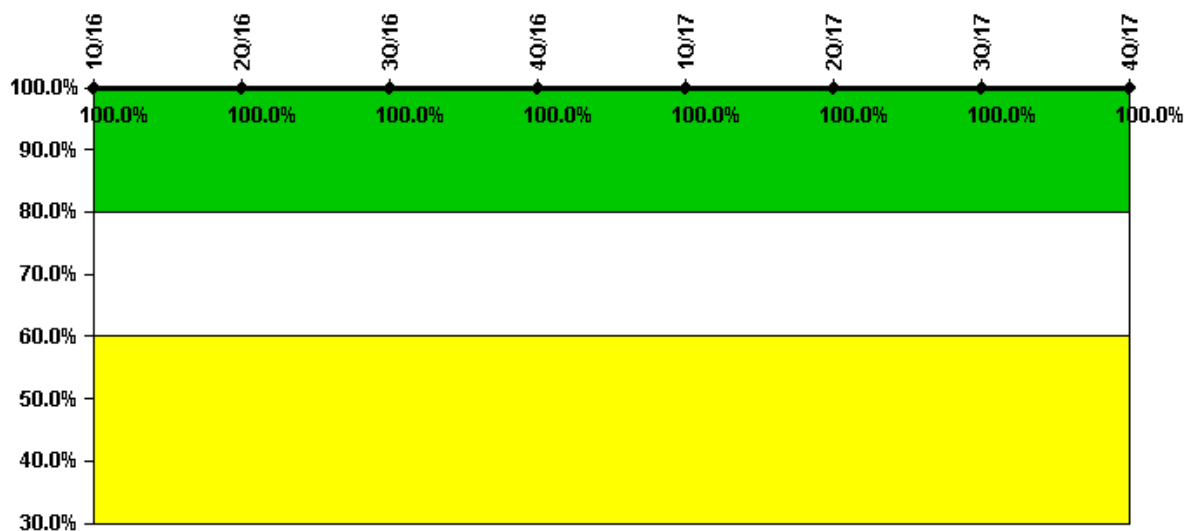
Drill/Exercise Performance	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Successful opportunities	29.0	28.0	24.0	12.0	56.0	64.0	37.0	6.0
Total opportunities	29.0	29.0	25.0	12.0	56.0	64.0	38.0	6.0

Indicator value 97.5% 96.9% 96.8% 96.6% 97.9% 98.3% 98.3% 98.8%

▲ TOP

Licensee Comments: none

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

Notes

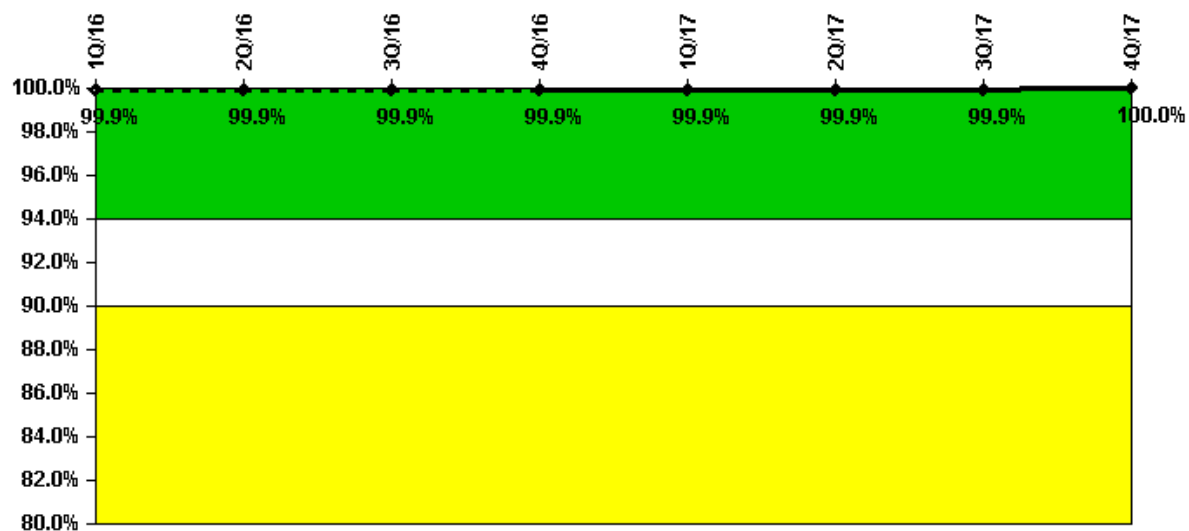
ERO Drill Participation	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Participating Key personnel	55.0	54.0	55.0	53.0	54.0	55.0	55.0	54.0
Total Key personnel	55.0	54.0	55.0	53.0	54.0	55.0	55.0	54.0

Indicator value **100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0%**

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Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

Notes

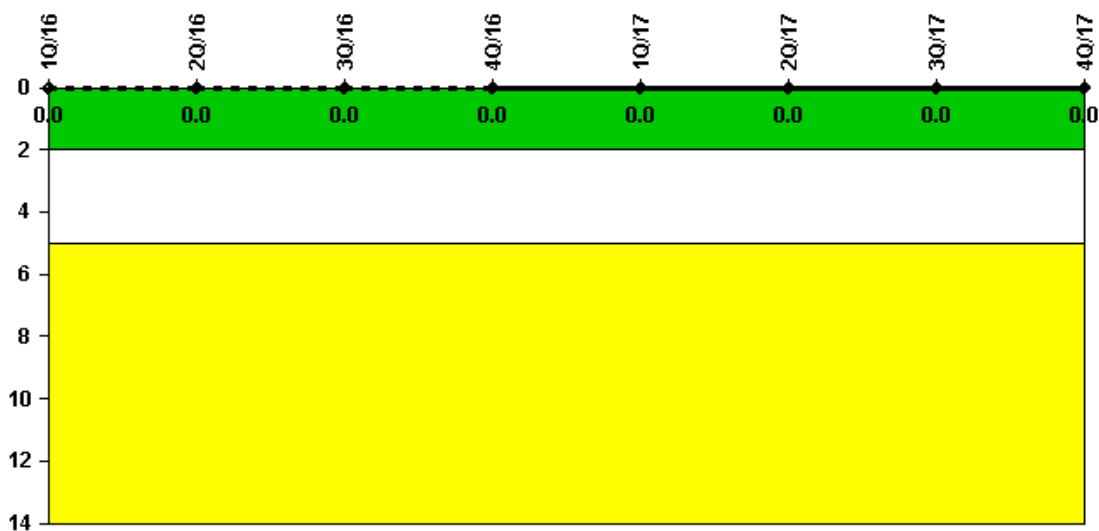
Alert & Notification System	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Successful siren-tests	580	664	492	746	497	664	498	747
Total sirens-tests	581	664	493	747	498	664	498	747

Indicator value 99.9% 99.9% 99.9% 99.9% 99.9% 99.9% 99.9% 100.0%

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Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

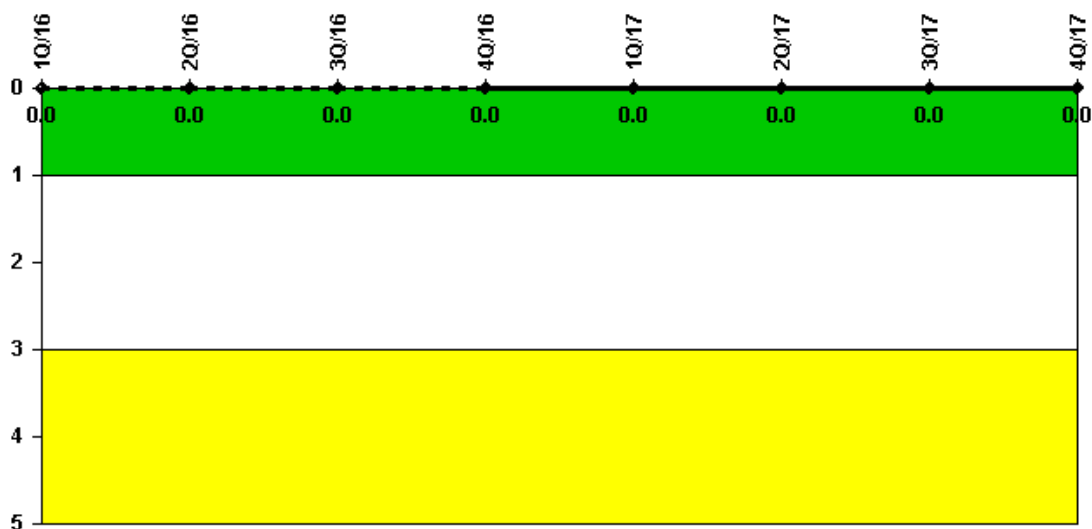
Occupational Exposure Control Effectiveness 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17 3Q/17 4Q/17

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

▲ TOP

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17 3Q/17 4Q/17

RETS/ODCM occurrences 0 0 0 0 0 0 0 0

Indicator value 0 0 0 0 0 0 0 0

▲ TOP

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

Current data as of: February 1, 2018

Page Last Reviewed/Updated Monday, November 06, 2017