

Farley 1

1Q/2000 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



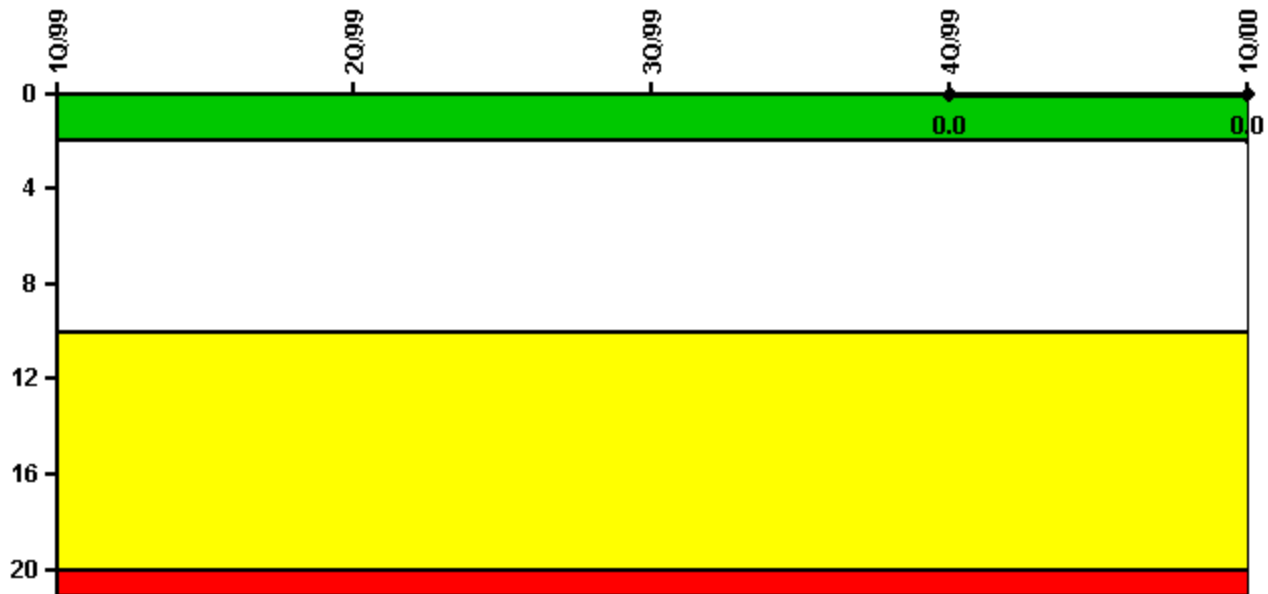
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Unplanned scrams	0	1.0	0	0	0
Critical hours	2160.0	2145.2	2208.0	2209.0	1512.6
Indicator value	1.1	2.1	1.0	0.8	0.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



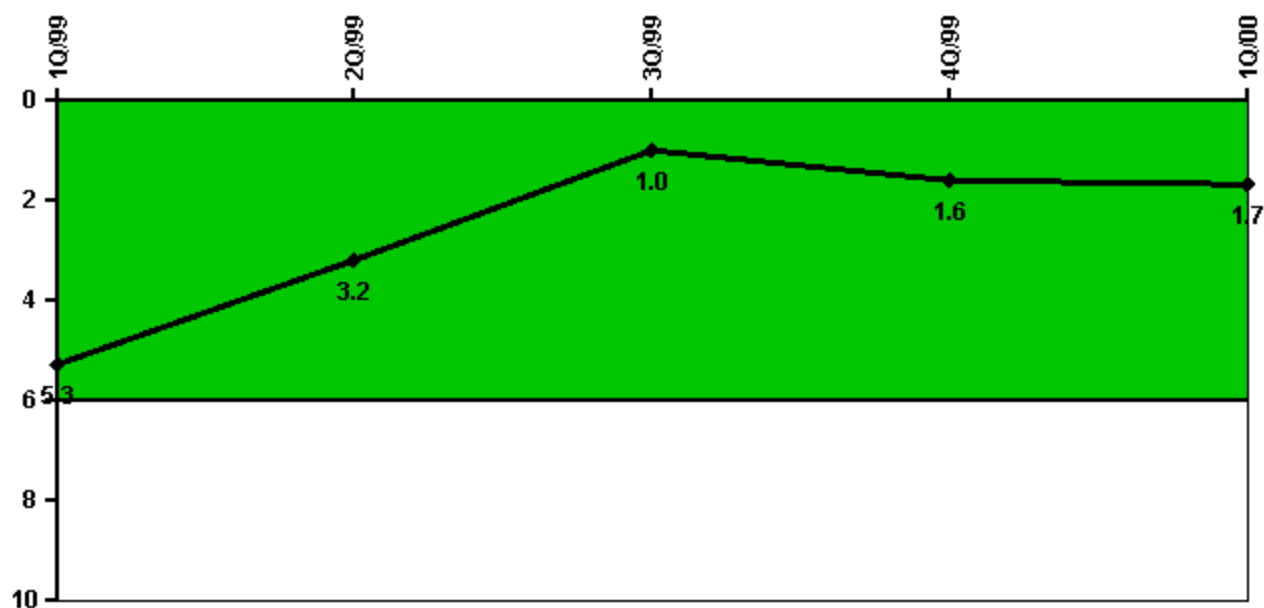
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Unplanned power changes	1.0	0	0	1.0	1.0
Critical hours	2160.0	2145.2	2208.0	2209.0	1512.6
Indicator value	5.3	3.2	1.0	1.6	1.7

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



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

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	0	176.60	0	1.00	17.10
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2184.00
Train 2					
Planned unavailable hours	0	0	19.10	0	0
Unplanned unavailable hours	0	2.60	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2184.00
Train 3					
Planned unavailable hours	0	8.60	252.20	4.60	0
Unplanned unavailable hours	0	0	0	6.90	0
Fault exposure hours	0	0	0	0	1228.50
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2184.00
Indicator value				1.2%	2.7%

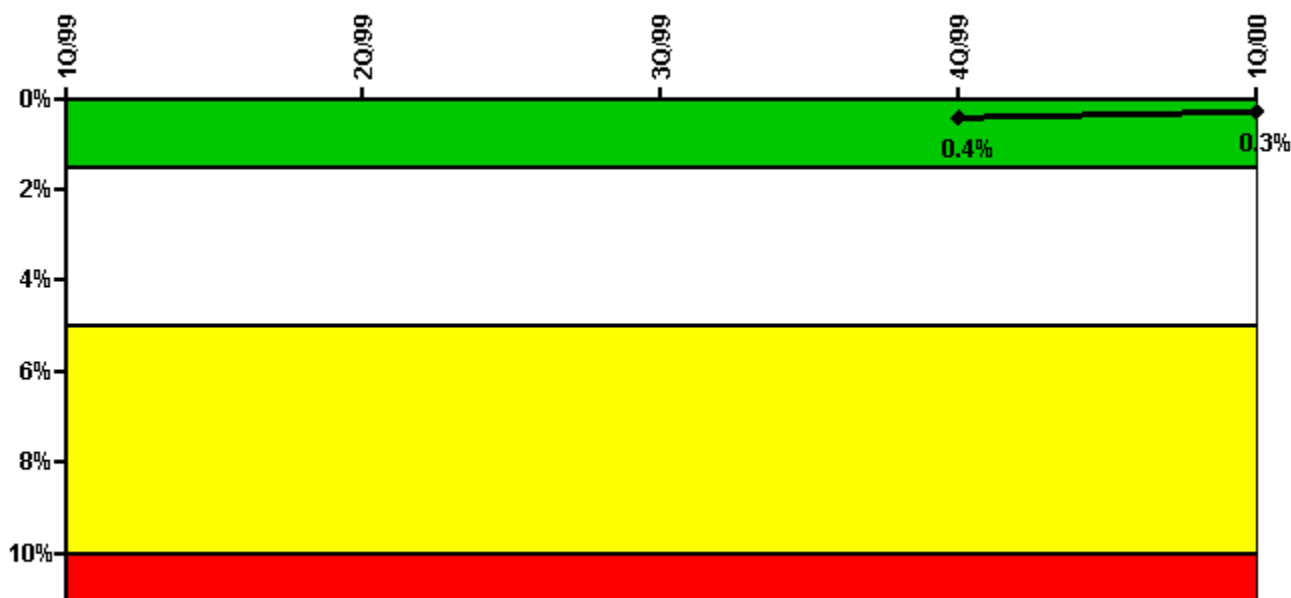
Licensee Comments:

1Q/00: One of 3 diesel generators unavailable due to lack of automatic power transfer capability. DG was operable per Technical Specifications. Reasonable operator action not credited under this indicator.

1Q/00: One of 3 diesel generators unavailable due to lack of automatic power transfer capability. DG was operable per Technical Specifications. Reasonable operator action not credited under this indicator. WHITE entry.

1Q/00: One of 3 diesel generators unavailable due to lack of automatic power transfer capability. DG was operable per Technical Specifications. Reasonable operator action not credited under this indicator. Q1 2001 removed Q1 2000 Fault Exposure Hours for Train 3. Replaced 12.6 Planned Unavailable hours for same train. Color returns green.

Safety System Unavailability, High Pressure Injection System (HPSI)



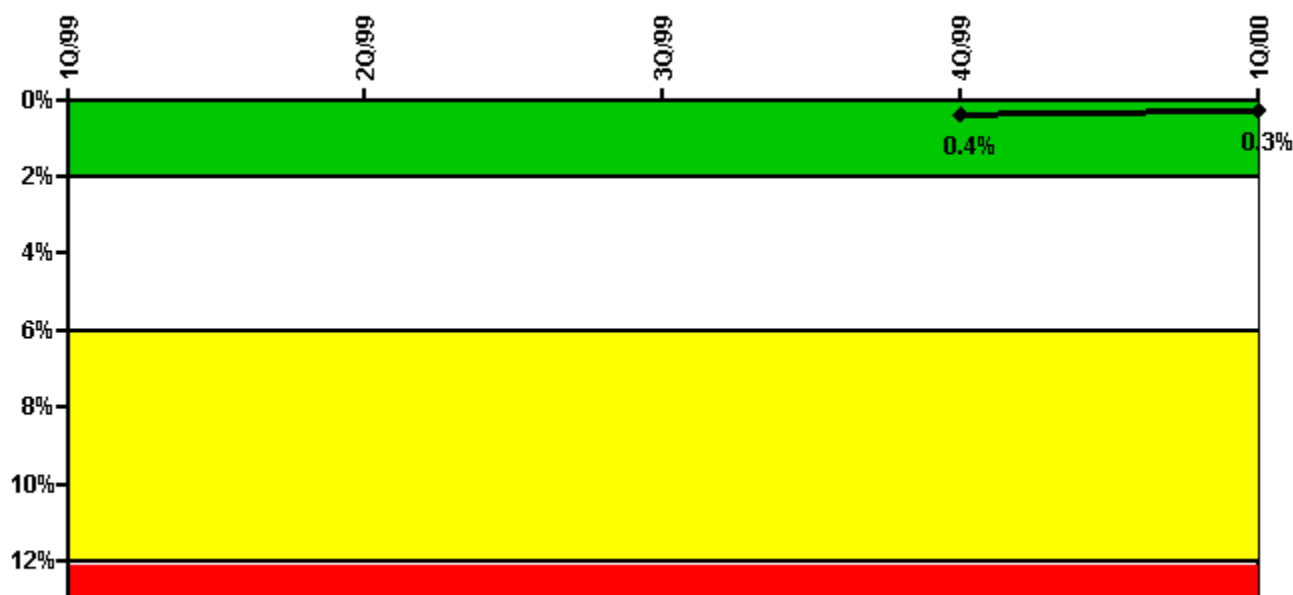
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	0	6.60	0	0	0
Unplanned unavailable hours	0	6.50	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	2145.20	2208.00	2209.00	1512.60
Train 2					
Planned unavailable hours	1.40	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	2145.20	2208.00	2209.00	1512.60
Indicator value				0.4%	0.3%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



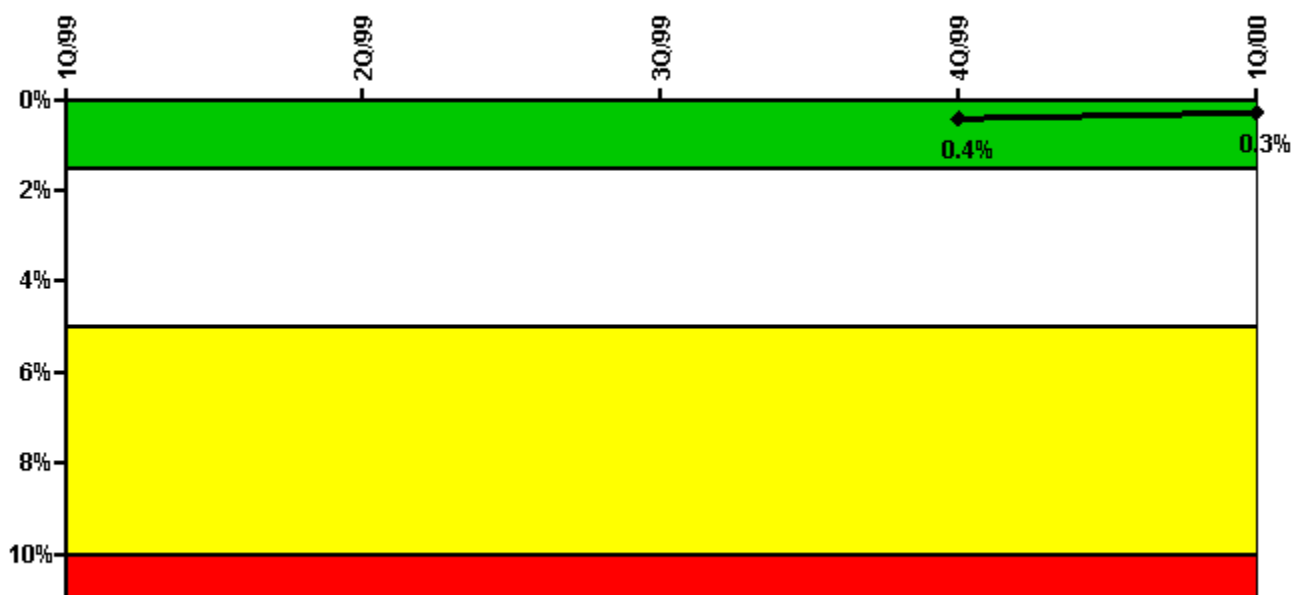
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	0	5.60	0	0	1.10
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	2145.20	2208.00	2209.00	1512.60
Train 2					
Planned unavailable hours	0	5.60	7.60	0	0.40
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	2145.20	2208.00	2209.00	1512.60
Train 3					
Planned unavailable hours	26.00	17.80	1.70	16.00	0.90
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	2145.20	2208.00	2209.00	1512.60
Indicator value				0.4%	0.3%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



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

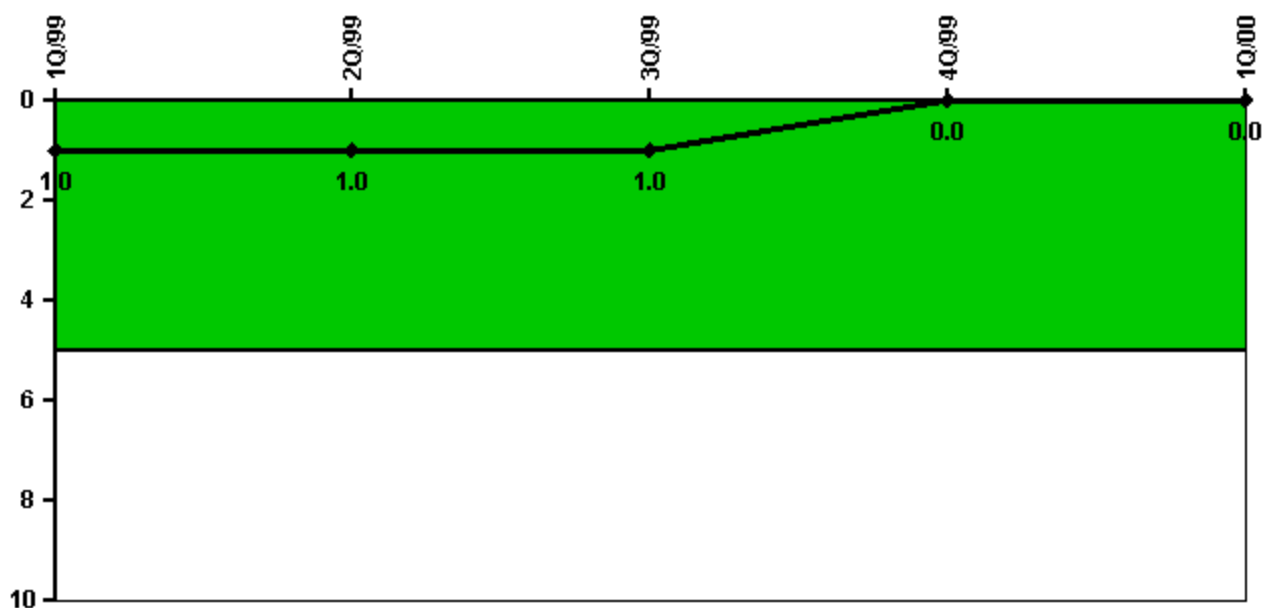
Notes

Safety System Unavailability, Residual Heat Removal System	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	0.80	7.40	1.40	19.40	1.40
Unplanned unavailable hours	0	6.50	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	1.40	0	0.60	13.30	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	2160.00	2183.00	2208.00	2209.00	2184.00
Indicator value				0.4%	0.3%

Licensee Comments:

1Q/00: Minor adjustments made 3Q2000 to remove operator action credit during surveillance testing. Color unaffected.

Safety System Functional Failures (PWR)



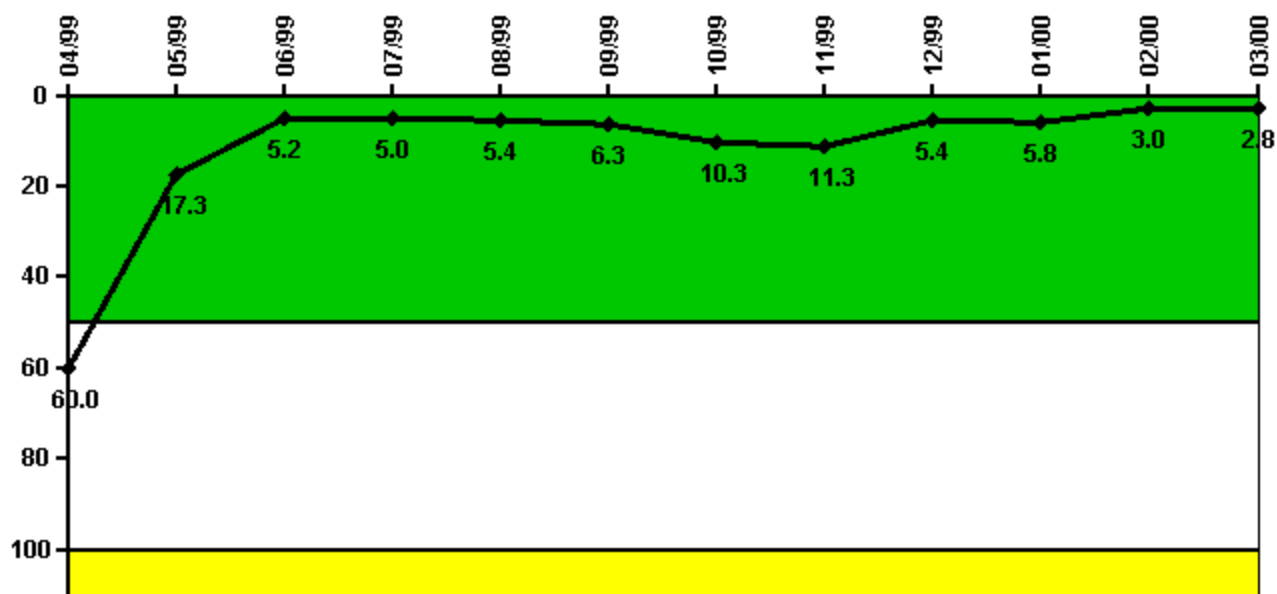
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

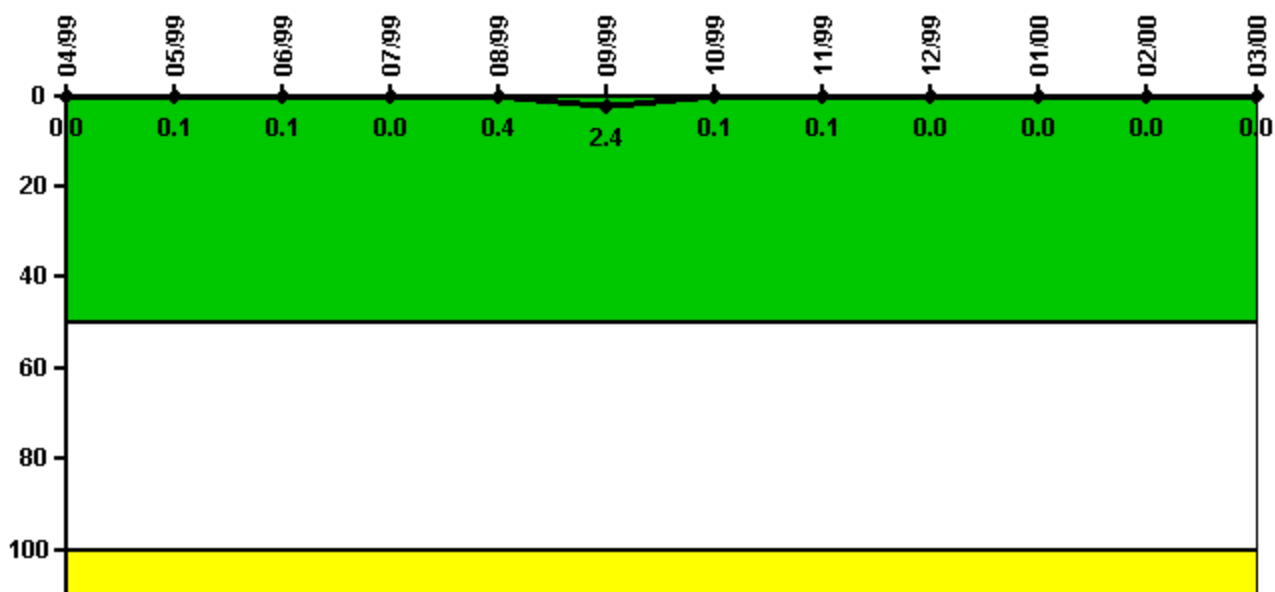
Notes

Reactor Coolant System Activity	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	0.090000	0.051860	0.015550	0.015090	0.016180	0.018920	0.030810	0.033860	0.016180	0.017310	0.009058	0.008488
Technical specification limit	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Indicator value	60.0	17.3	5.2	5.0	5.4	6.3	10.3	11.3	5.4	5.8	3.0	2.8

Licensee Comments:

12/98: NA in November due to refueling outage.

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

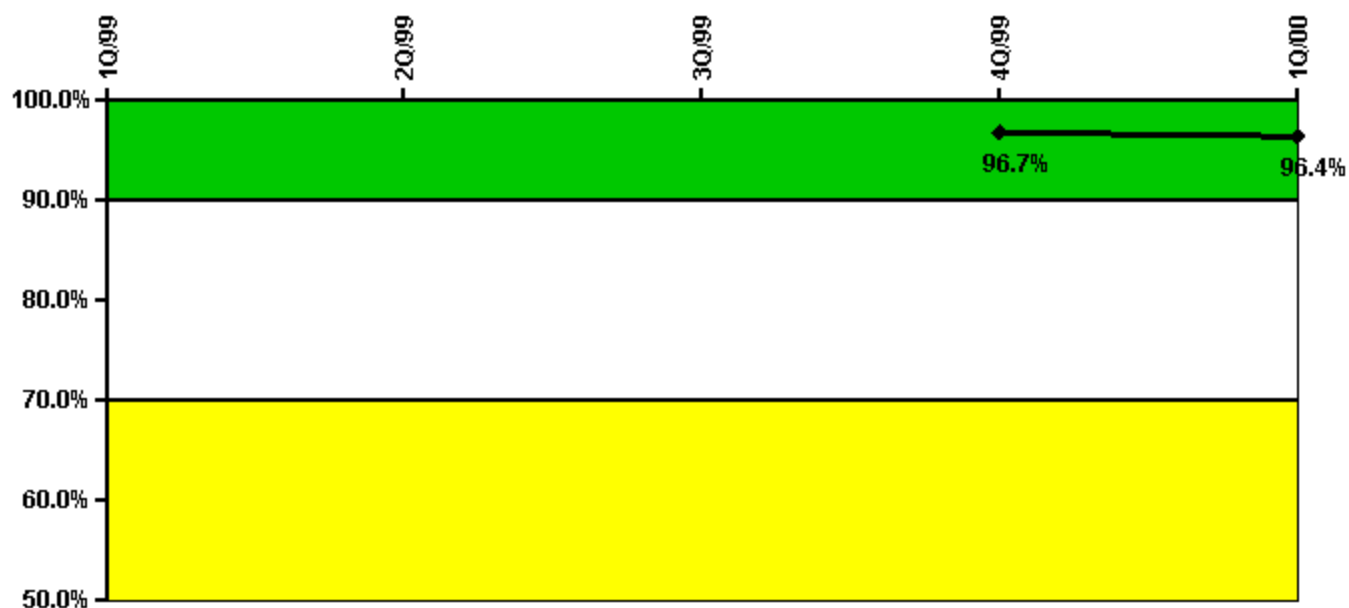
Notes

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	0.008	0.006	0	0.044	0.239	0.007	0.007	0.001	0	0	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0.1	0.1	0	0.4	2.4	0.1	0.1	0	0	0	0

Licensee Comments:

12/98: NA in November due to refueling outage.

Drill/Exercise Performance



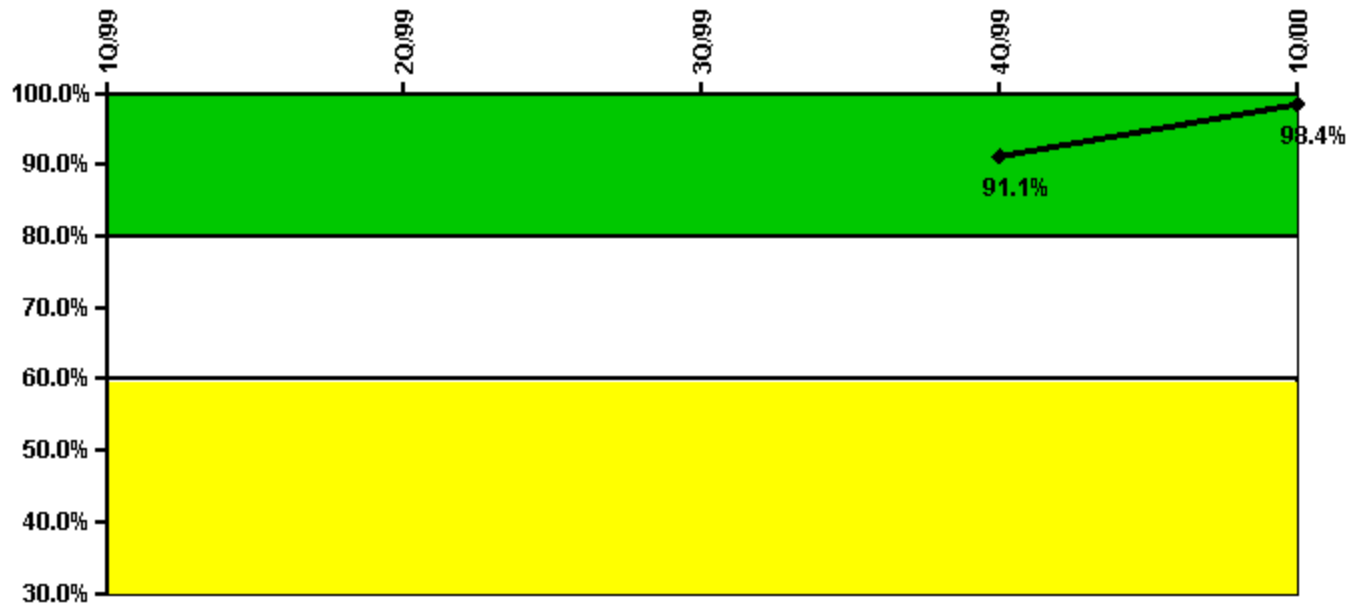
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Successful opportunities	34.0	12.0	19.0	0	6.0
Total opportunities	36.0	12.0	20.0	0	6.0
Indicator value				96.7%	96.4%

Licensee Comments: none

ERO Drill Participation



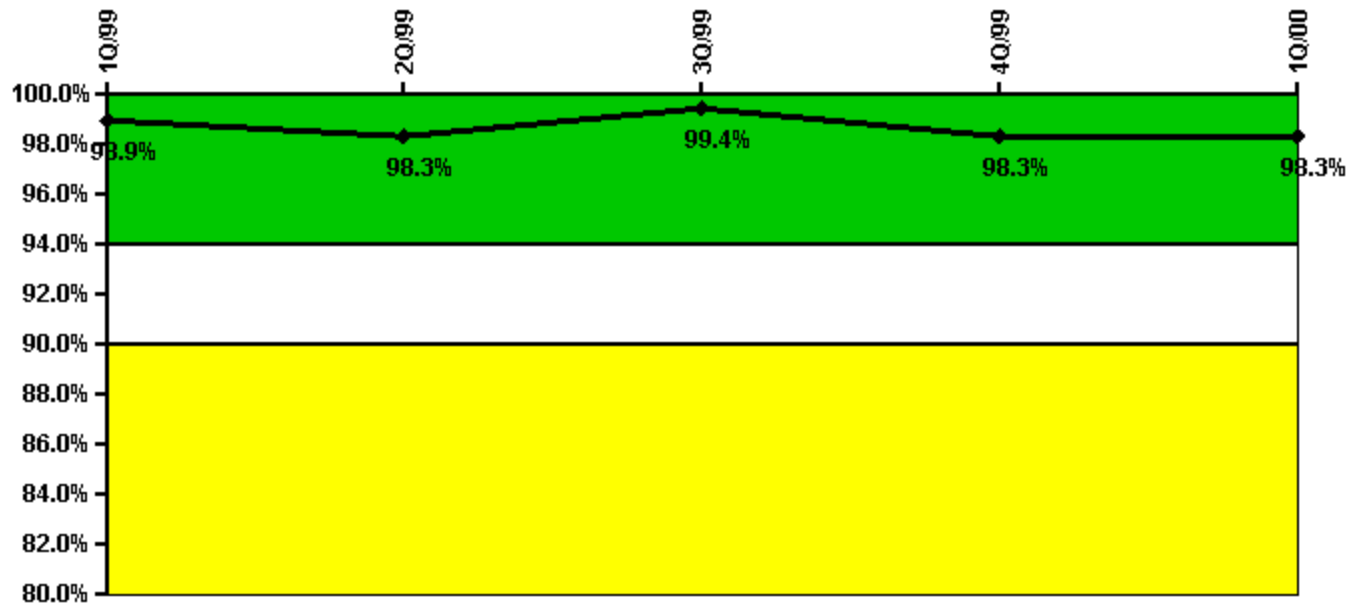
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Participating Key personnel				112.0	121.0
Total Key personnel				123.0	123.0
Indicator value				91.1%	98.4%

Licensee Comments: none

Alert & Notification System



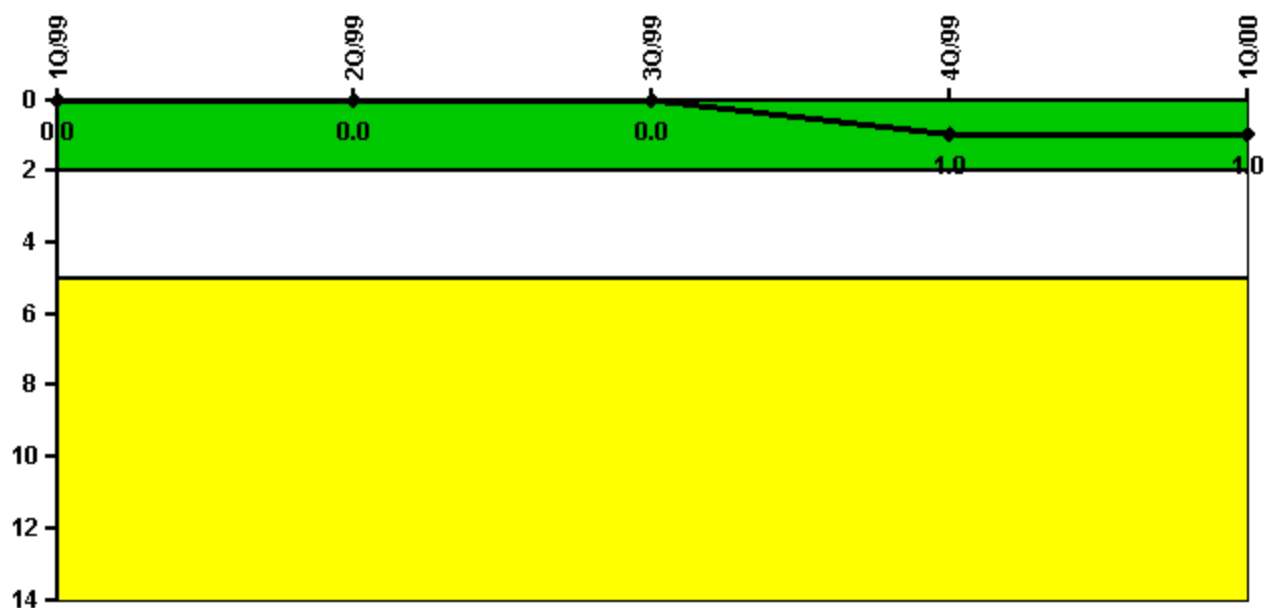
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Successful siren-tests	42	47	42	46	42
Total sirens-tests	42	48	42	48	42
Indicator value	98.9%	98.3%	99.4%	98.3%	98.3%

Licensee Comments: none

Occupational Exposure Control Effectiveness



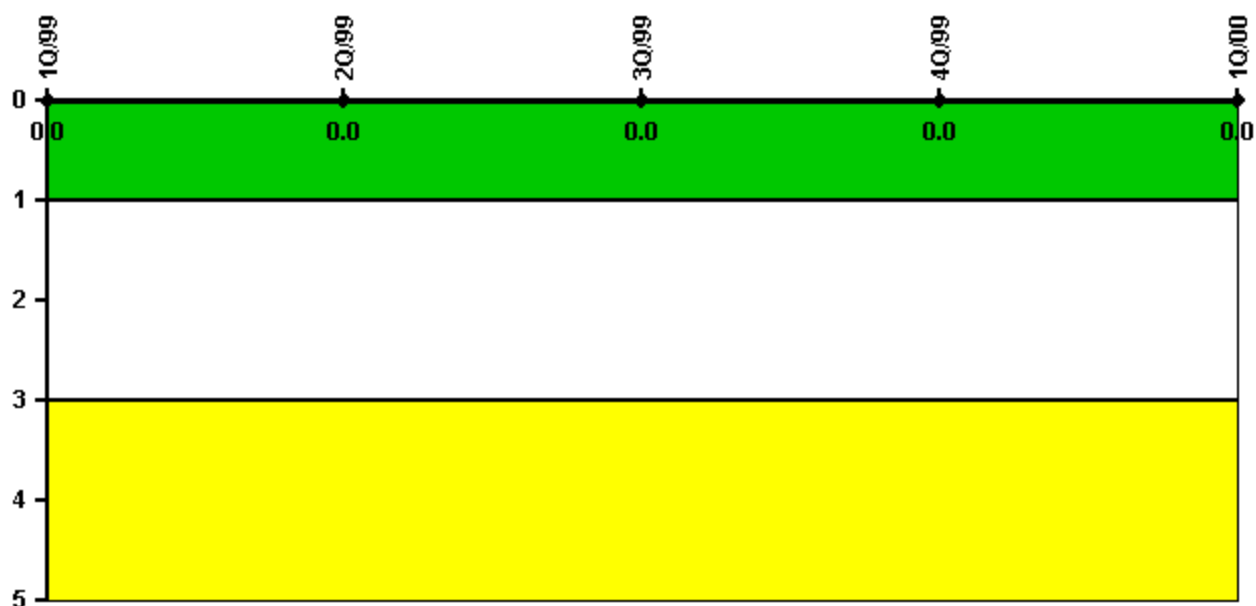
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

RETS/ODCM Radiological Effluent



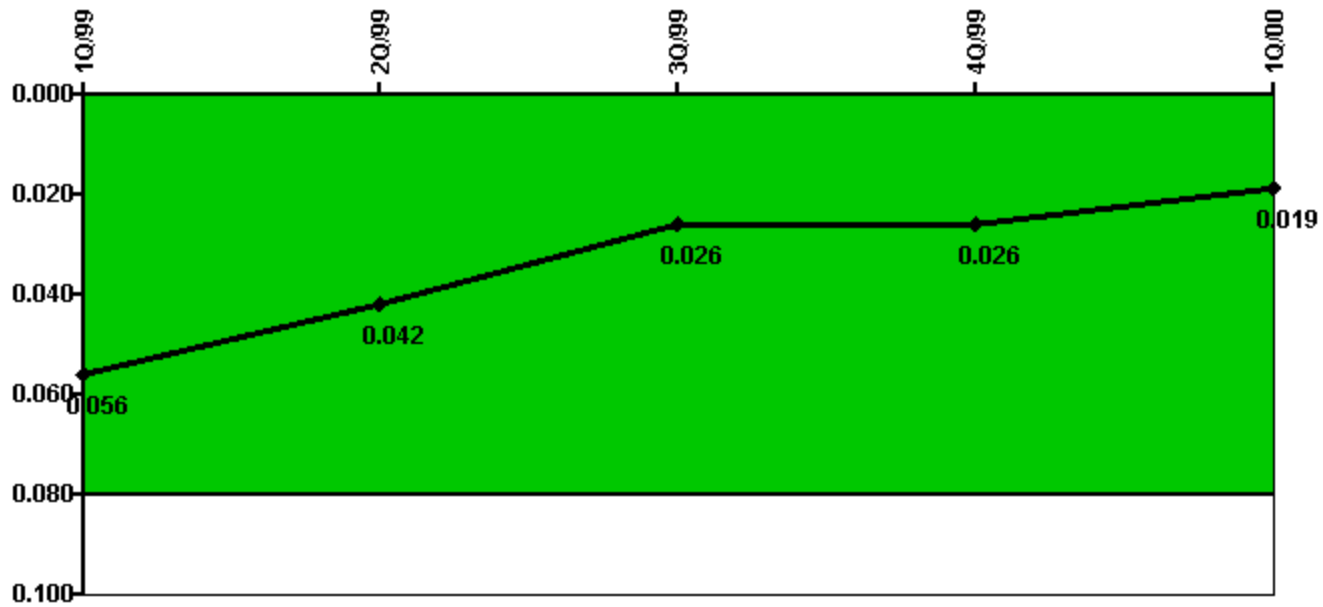
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/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



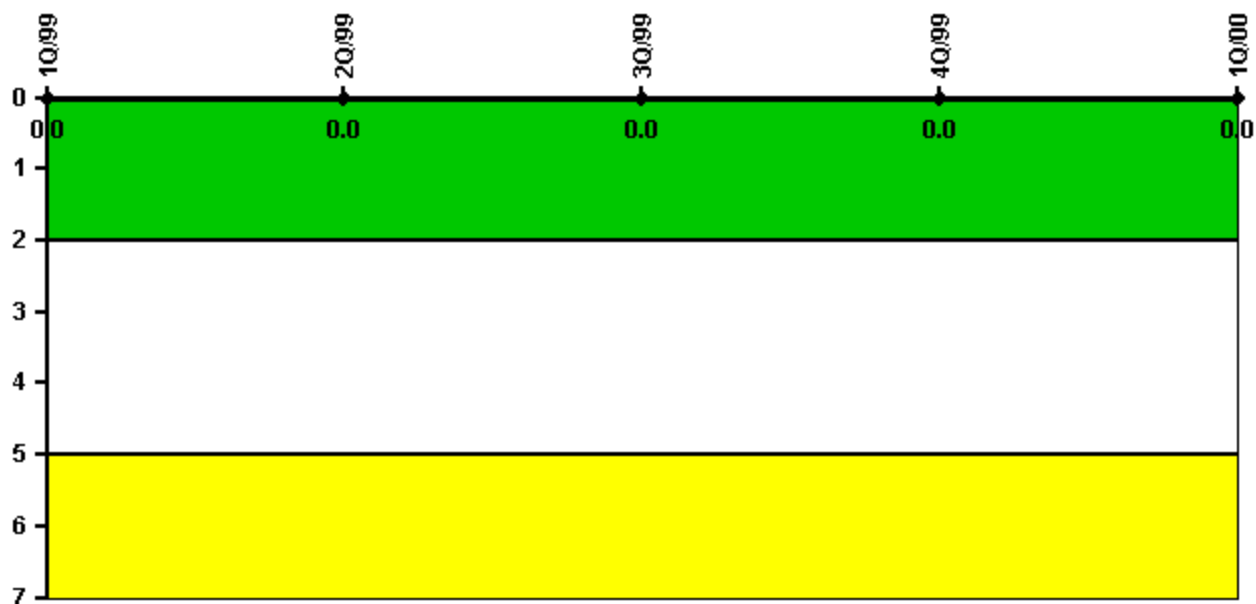
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
IDS compensatory hours	152.10	109.40	120.90	87.50	6.30
CCTV compensatory hours	62.4	53.8	69.6	35.5	17.0
IDS normalization factor	1.70	1.70	1.70	1.70	1.70
CCTV normalization factor	1.2	1.2	1.2	1.2	1.2
Index Value	0.056	0.042	0.026	0.026	0.019

Licensee Comments: none

Personnel Screening Program



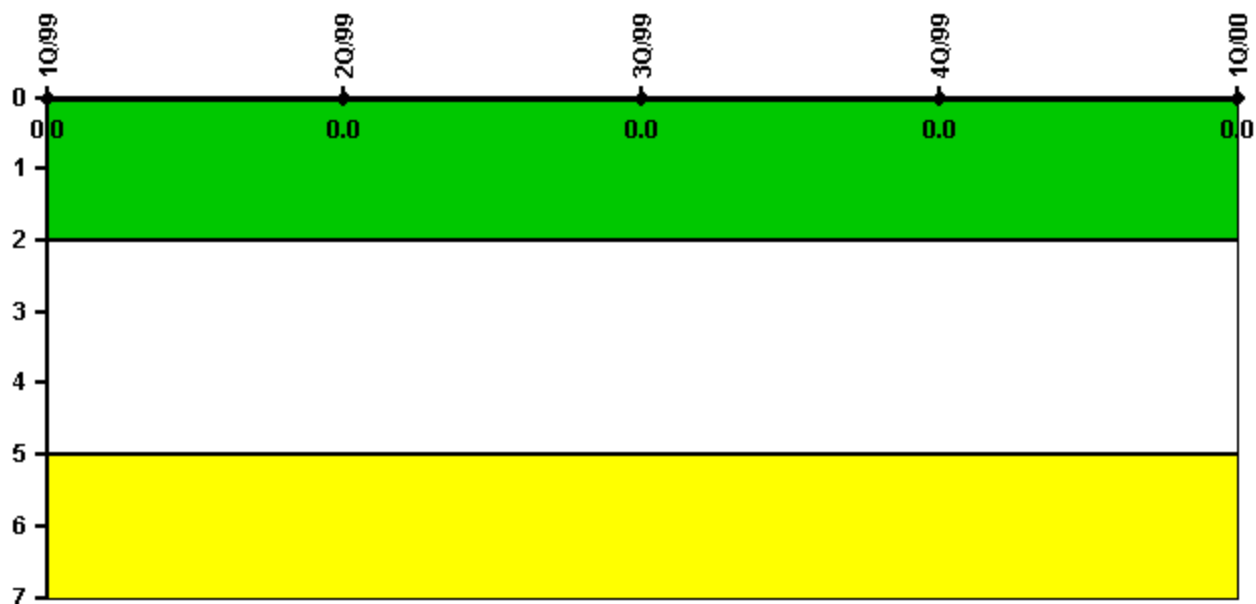
Thresholds: White > 2.0 Yellow > 5.0

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](#)

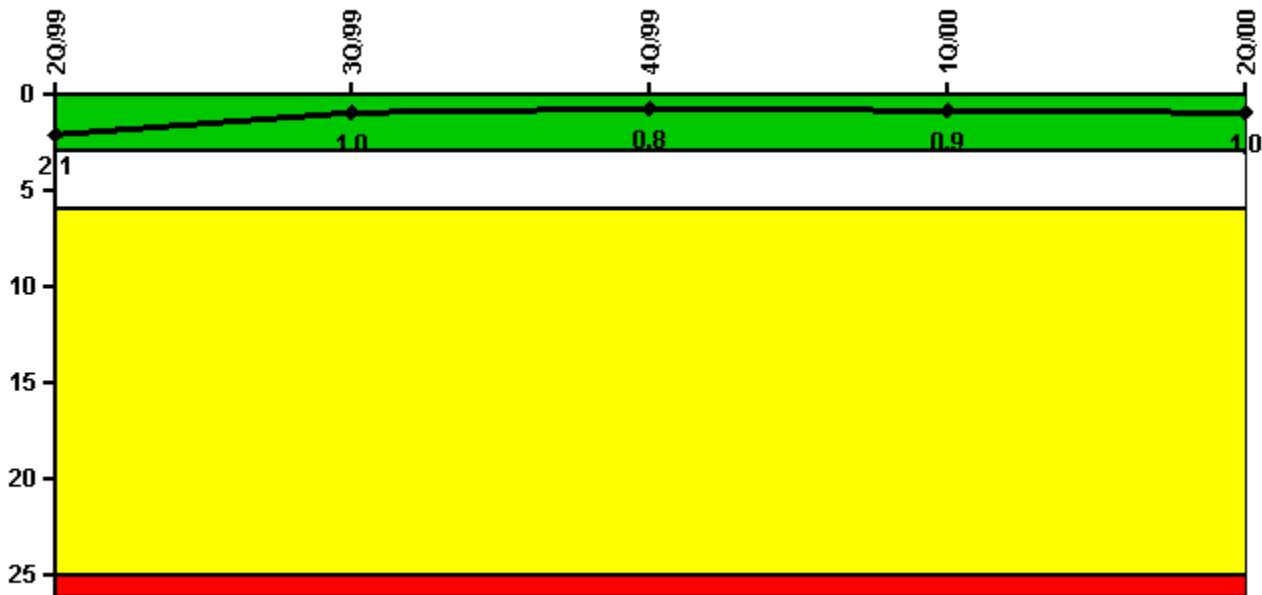
Last Modified: April 1, 2002

Farley 1

2Q/2000 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



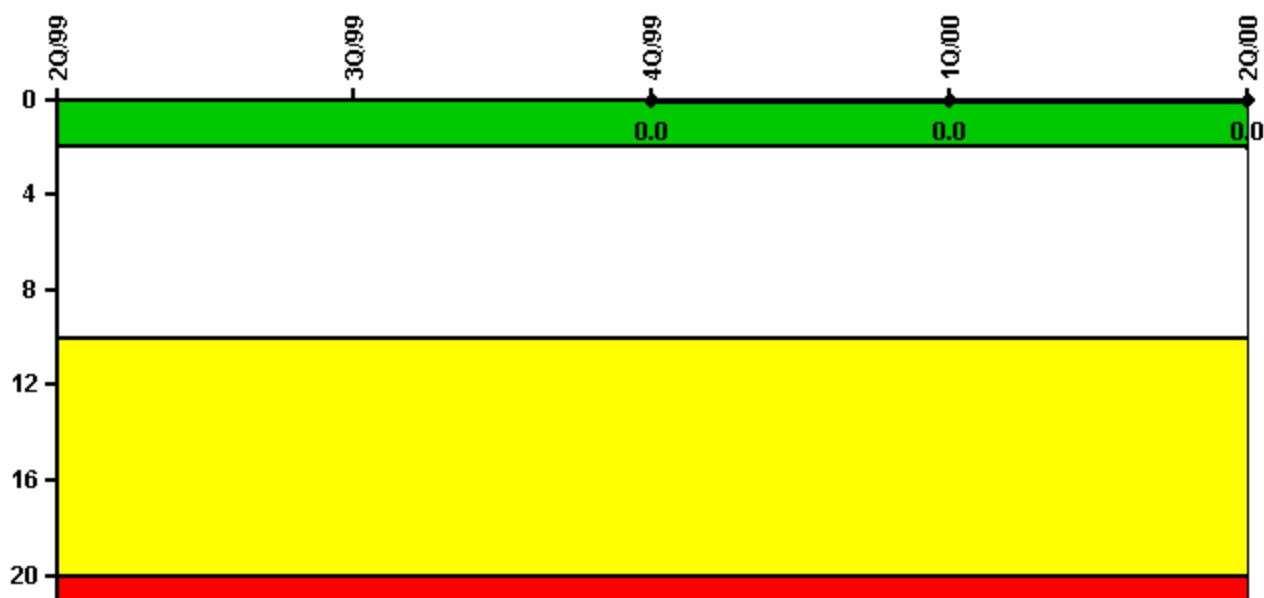
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Unplanned scrams	1.0	0	0	0	1.0
Critical hours	2145.2	2208.0	2209.0	1512.6	882.7
Indicator value	2.1	1.0	0.8	0.9	1.0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



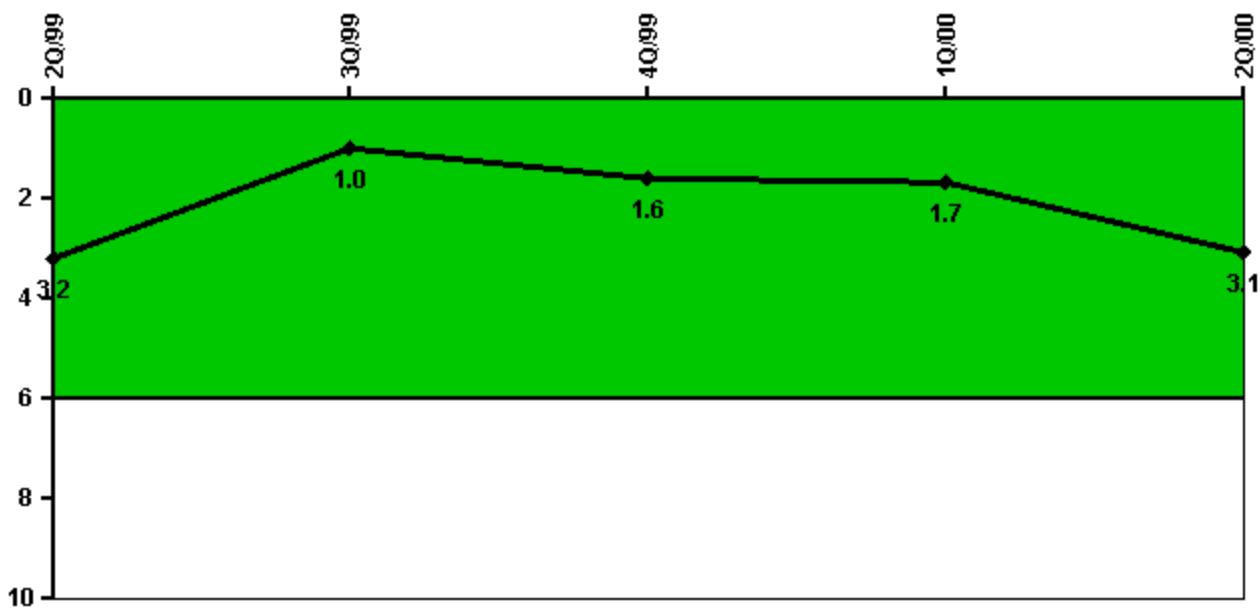
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



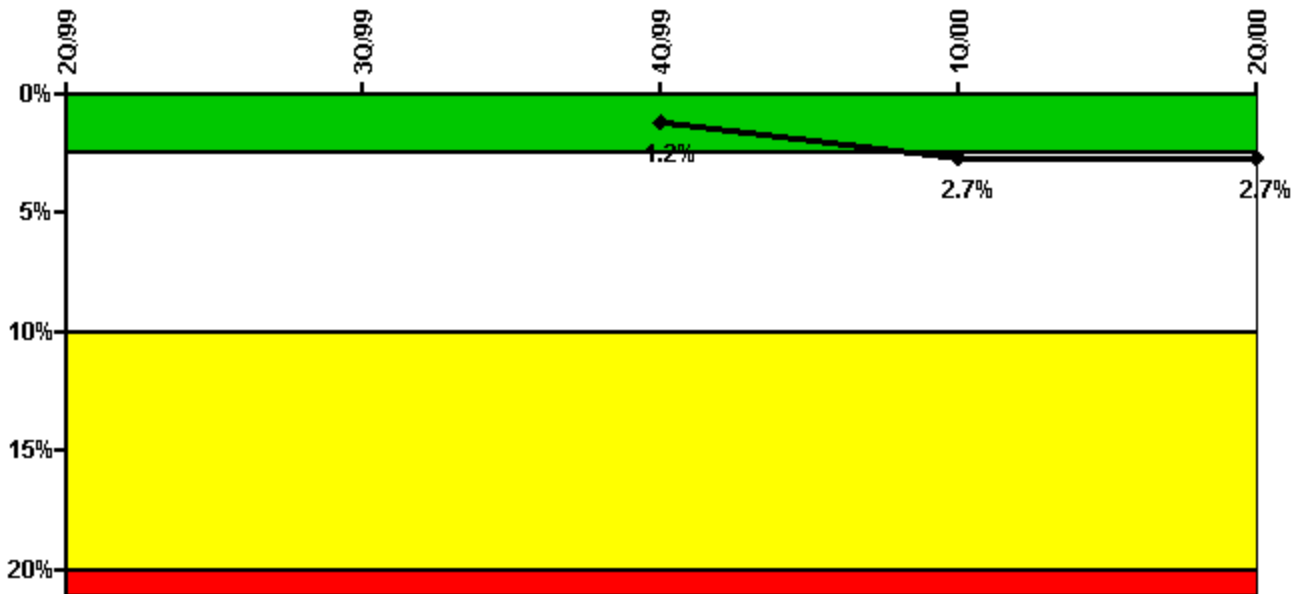
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Unplanned power changes	0	0	1.0	1.0	1.0
Critical hours	2145.2	2208.0	2209.0	1512.6	882.7
Indicator value	3.2	1.0	1.6	1.7	3.1

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



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

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	176.60	0	1.00	17.10	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	2183.00	2208.00	2209.00	2184.00	2183.00
Train 2					
Planned unavailable hours	0	19.10	0	0	3.20
Unplanned unavailable hours	2.60	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2183.00
Train 3					
Planned unavailable hours	8.60	252.20	4.60	0	0
Unplanned unavailable hours	0	0	6.90	0	0
Fault exposure hours	0	0	0	1228.50	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2183.00
Indicator value			1.2%	2.7%	2.7%

Licensee Comments:

2Q/00: One of 3 diesel generators unavailable (Q1 2000) due to lack of automatic power transfer capability. DG was operable per Technical Specifications. Reasonable operator action is not credited under this indicator. White threshold entered Q1 2000. 12.6 hours planned unavailability for Train 3 EDG in February 2000 not reported since fault exposure was reported for the entire month.

2Q/00: One of 3 diesel generators unavailable (Q1 2000) due to lack of automatic power transfer capability. DG was operable per Technical Specifications. Reasonable operator action is not credited under this indicator. White threshold entered Q1 2000. 12.6 hours planned

unavailability for Train 3 EDG in February 2000 not reported since fault exposure was reported for the entire month. Adjustment of 8 hours made 3Q2000 to remove operator action credit. Color unaffected.

1Q/00: One of 3 diesel generators unavailable due to lack of automatic power transfer capability. DG was operable per Technical Specifications. Reasonable operator action not credited under this indicator. WHITE entry.

1Q/00: One of 3 diesel generators unavailable due to lack of automatic power transfer capability. DG was operable per Technical Specifications. Reasonable operator action not credited under this indicator. Q1 2001 removed Q1 2000 Fault Exposure Hours for Train 3. Replaced 12.6 Planned Unavailable hours for same train. Color returns green.

Safety System Unavailability, High Pressure Injection System (HPSI)



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

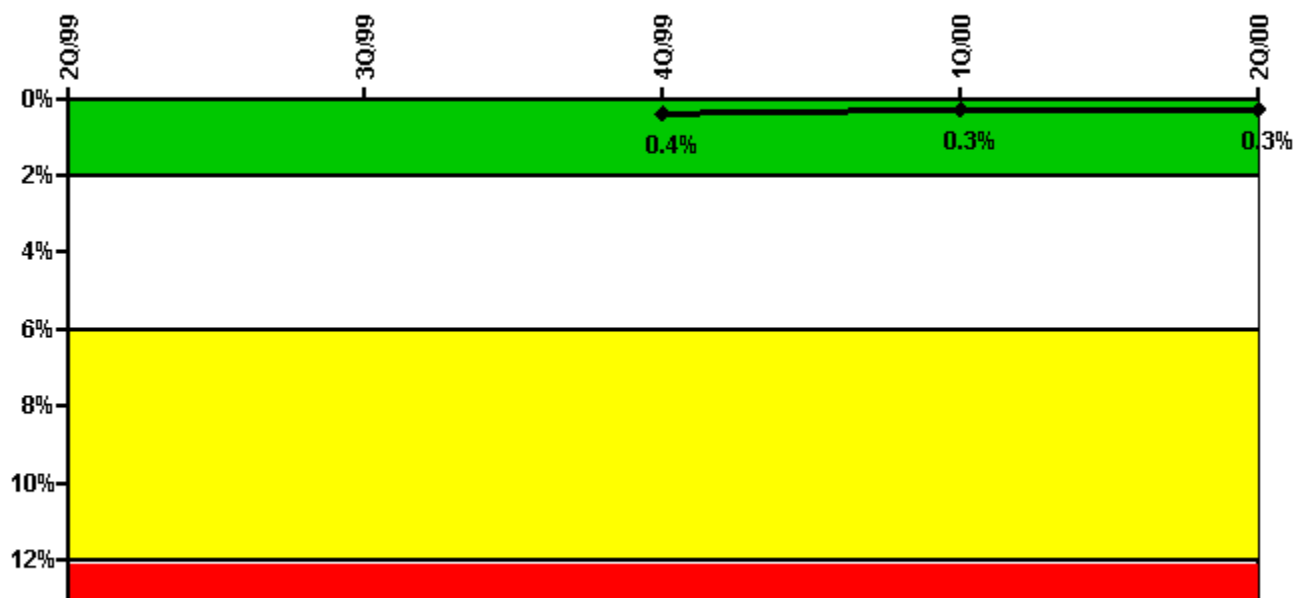
Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	6.60	0	0	0	2.20
Unplanned unavailable hours	6.50	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2145.20	2208.00	2209.00	1512.60	882.70
Train 2					
Planned unavailable hours	0	0	0	0	6.80
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2145.20	2208.00	2209.00	1512.60	882.70
Indicator value			0.4%	0.3%	0.3%

Licensee Comments:

2Q/00: Reactor Protection System testing hours added with 1Q2001 report. Color unaffected.

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	5.60	0	0	1.10	4.60
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2145.20	2208.00	2209.00	1512.60	882.70
Train 2					
Planned unavailable hours	5.60	7.60	0	0.40	9.20
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	2145.20	2208.00	2209.00	1512.60	882.70
Train 3					
Planned unavailable hours	17.80	1.70	16.00	0.90	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	2145.20	2208.00	2209.00	1512.60	882.70

Indicator value			0.4%	0.3%	0.3%

Licensee Comments:

2Q/00: Reactor Protection System testing hours added with 1Q2001 report. Color unaffected.

Safety System Unavailability, Residual Heat Removal System



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

Notes

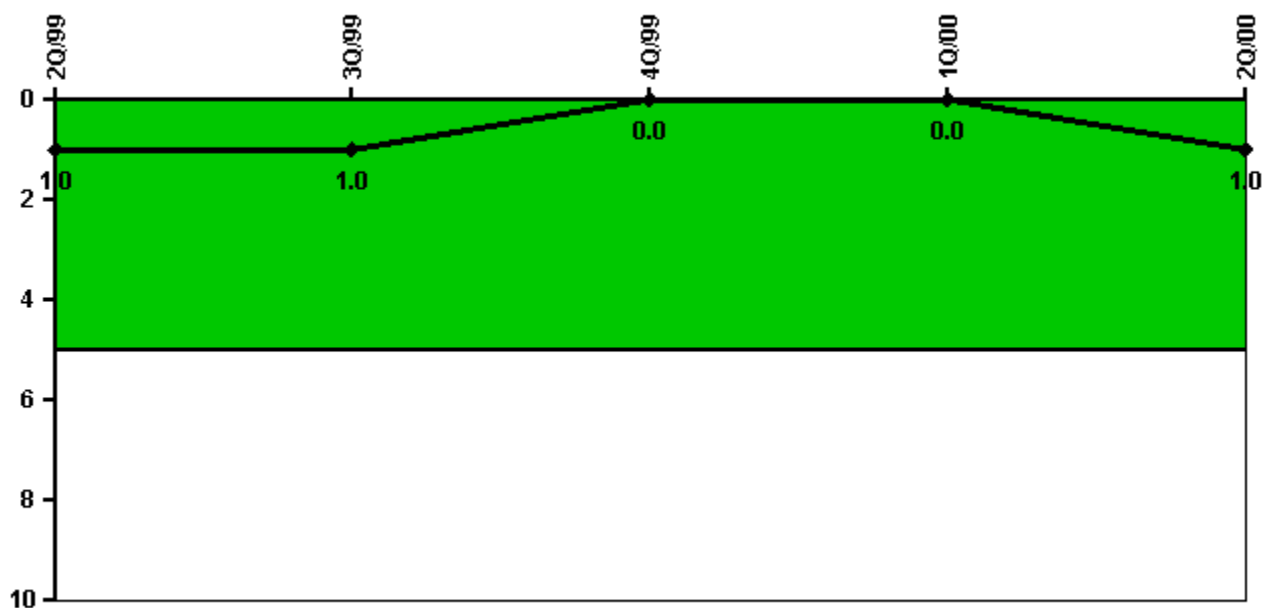
Safety System Unavailability, Residual Heat Removal System	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	7.40	1.40	19.40	1.40	2.60
Unplanned unavailable hours	6.50	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2183.00
Train 2					
Planned unavailable hours	0	0.60	13.30	0	11.60
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2183.00
Indicator value			0.4%	0.3%	0.3%

Licensee Comments:

2Q/00: Reactor Protection System testing hours added with 1Q2001 report. Color unaffected.

1Q/00: Minor adjustments made 3Q2000 to remove operator action credit during surveillance testing. Color unaffected.

Safety System Functional Failures (PWR)



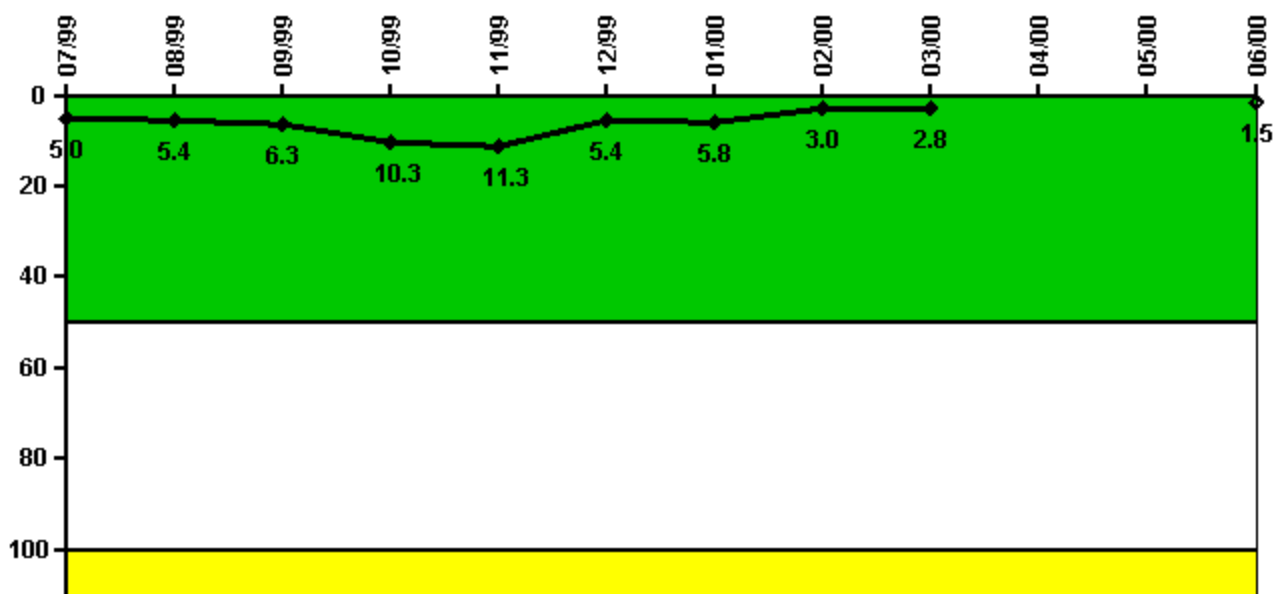
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

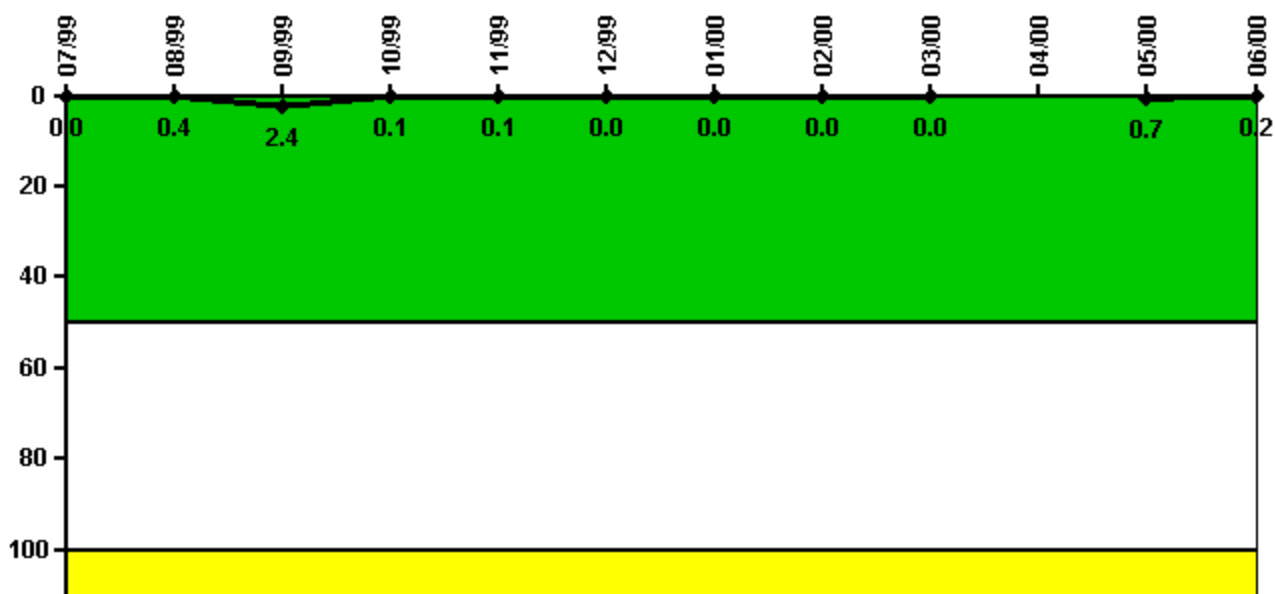
Notes

Reactor Coolant System Activity	7/99	8/99	9/99	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00
Maximum activity	0.015090	0.016180	0.018920	0.030810	0.033860	0.016180	0.017310	0.009058	0.008488	N/A	N/A	0.007439
Technical specification limit	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	N/A	0.5	0.5
Indicator value	5.0	5.4	6.3	10.3	11.3	5.4	5.8	3.0	2.8	N/A	N/A	1.5

Licensee Comments:

6/00: NA April and May 2000 due to refueling outage and subsequent startup activities.

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

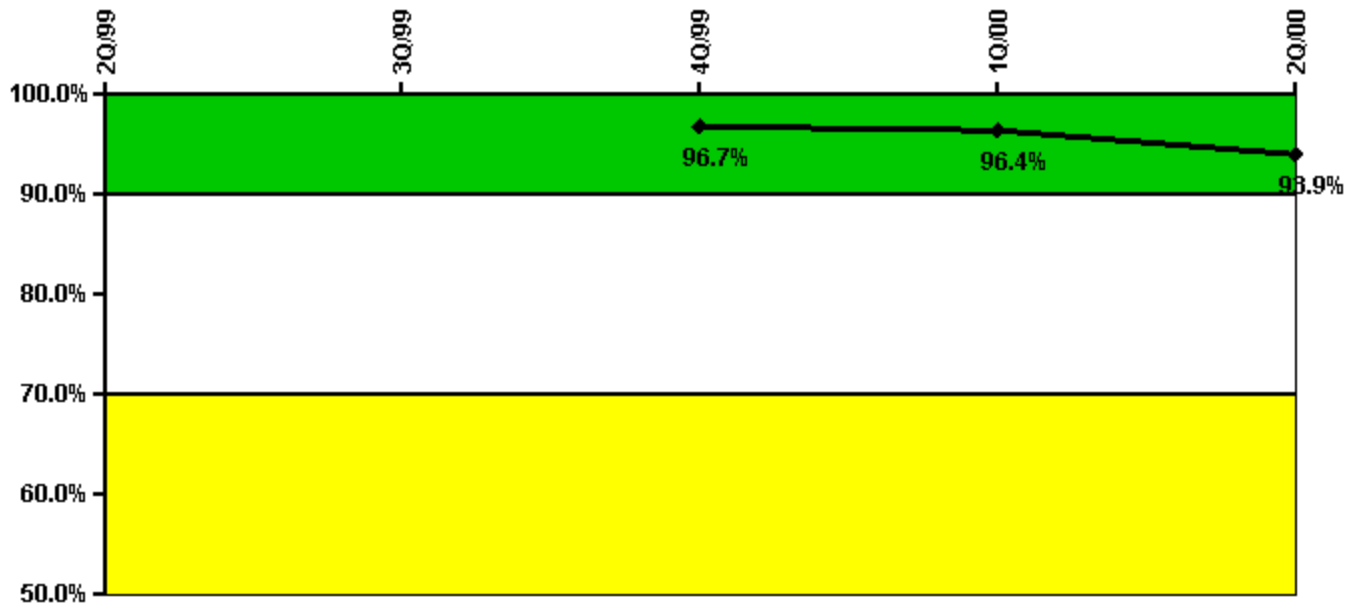
Notes

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	0.044	0.239	0.007	0.007	0.001	0	0	0	N/A	0.069	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	0.4	2.4	0.1	0.1	0	0	0	0	N/A	0.7	0.2

Licensee Comments:

6/00: NA April 2000 due to refueling outage.

Drill/Exercise Performance



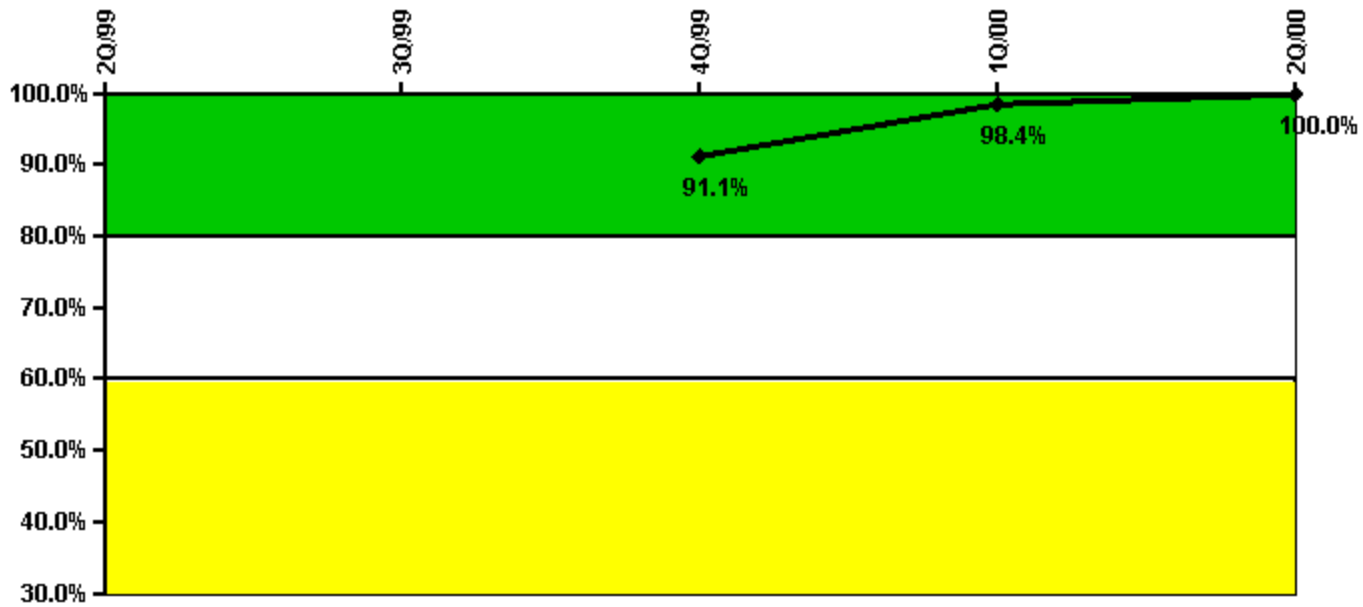
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Successful opportunities	12.0	19.0	0	6.0	15.0
Total opportunities	12.0	20.0	0	6.0	18.0
Indicator value			96.7%	96.4%	93.9%

Licensee Comments: none

ERO Drill Participation



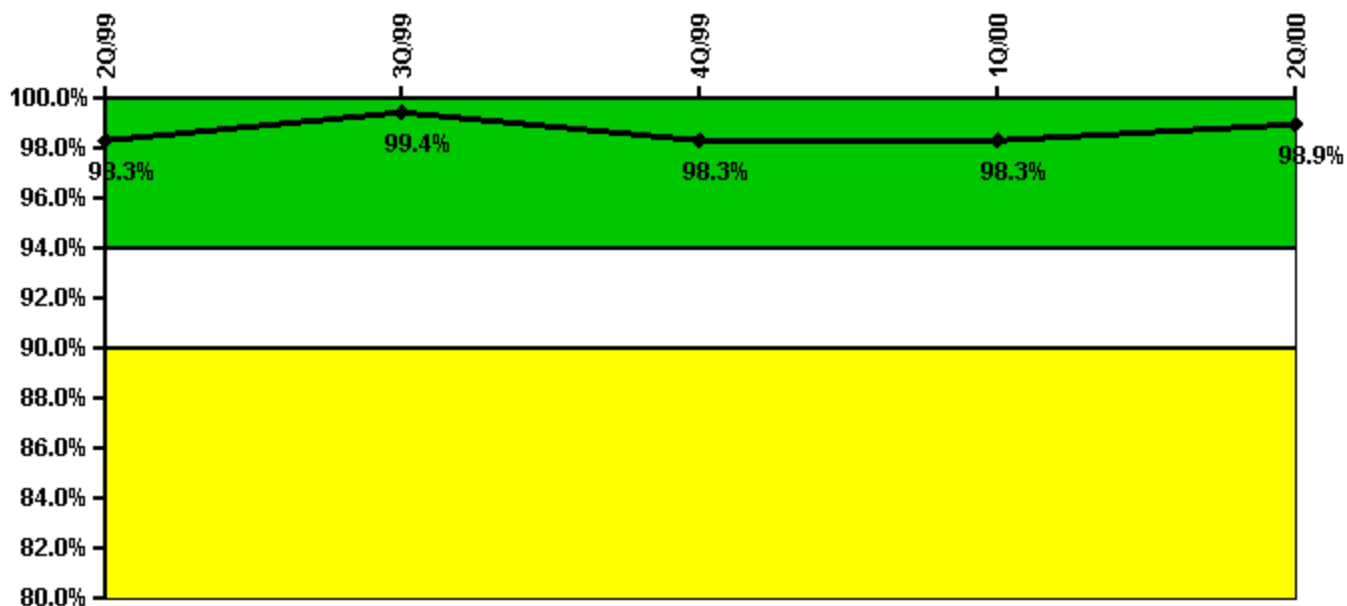
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Participating Key personnel			112.0	121.0	121.0
Total Key personnel			123.0	123.0	121.0
Indicator value			91.1%	98.4%	100.0%

Licensee Comments: none

Alert & Notification System



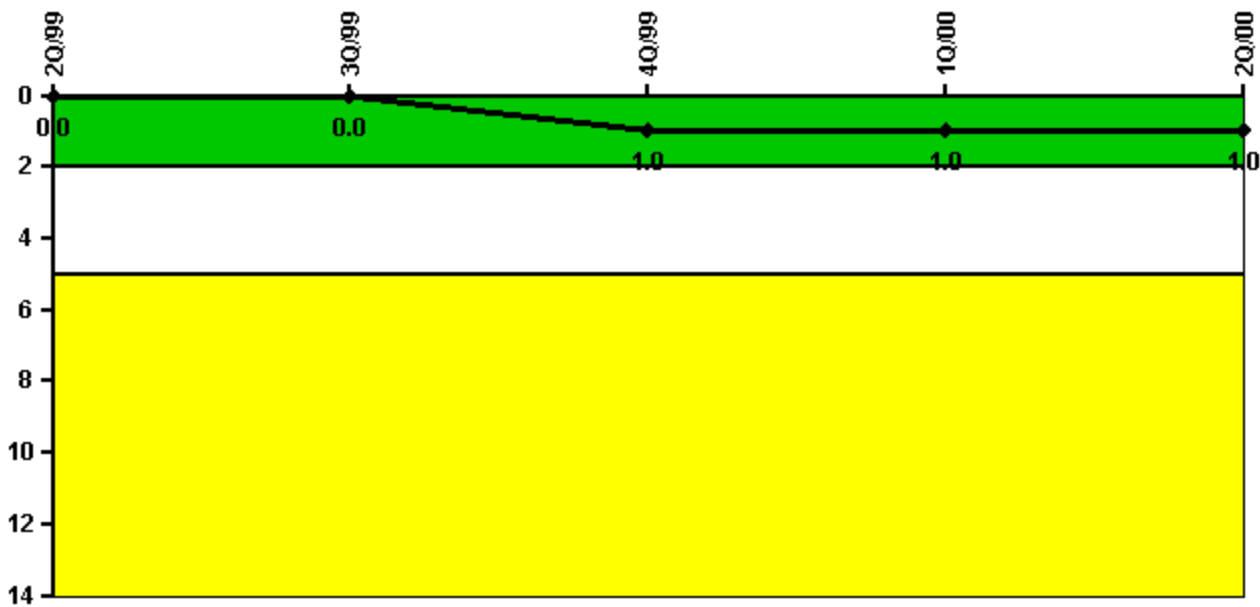
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Successful siren-tests	47	42	46	42	48
Total sirens-tests	48	42	48	42	48
Indicator value	98.3%	99.4%	98.3%	98.3%	98.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness

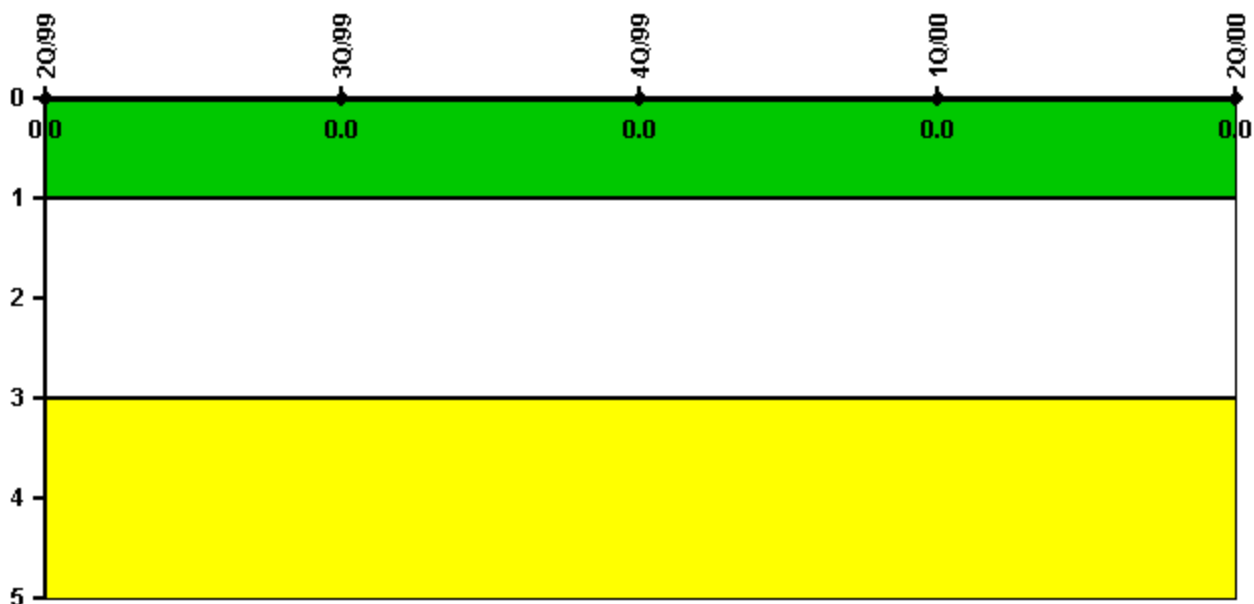


Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

RETS/ODCM Radiological Effluent

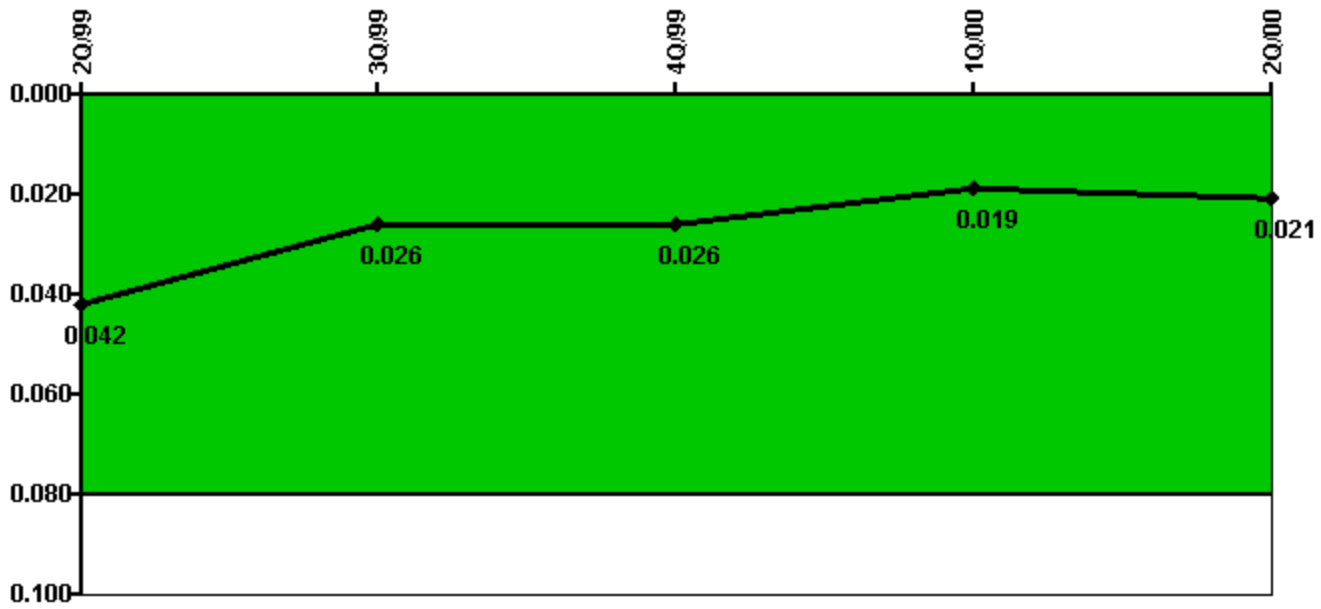
Thresholds: White > 1.0 Yellow > 3.0

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



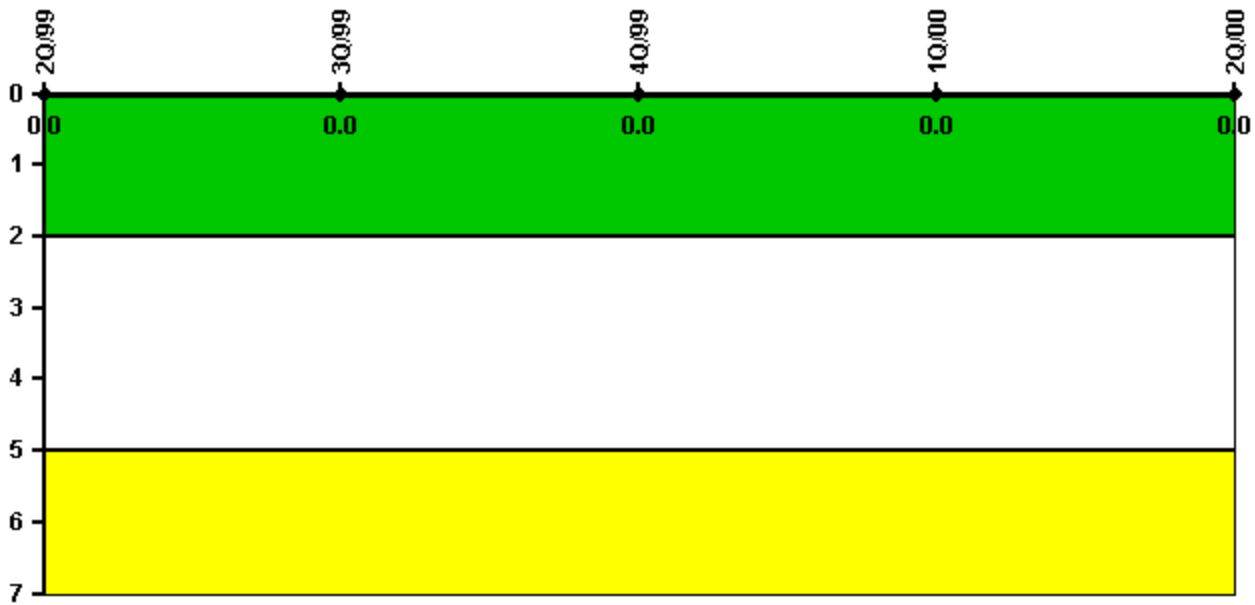
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
IDS compensatory hours	109.40	120.90	87.50	6.30	231.40
CCTV compensatory hours	53.8	69.6	35.5	17.0	0
IDS normalization factor	1.70	1.70	1.70	1.70	1.70
CCTV normalization factor	1.2	1.2	1.2	1.2	1.2
Index Value	0.042	0.026	0.026	0.019	0.021

Licensee Comments: none

Personnel Screening Program



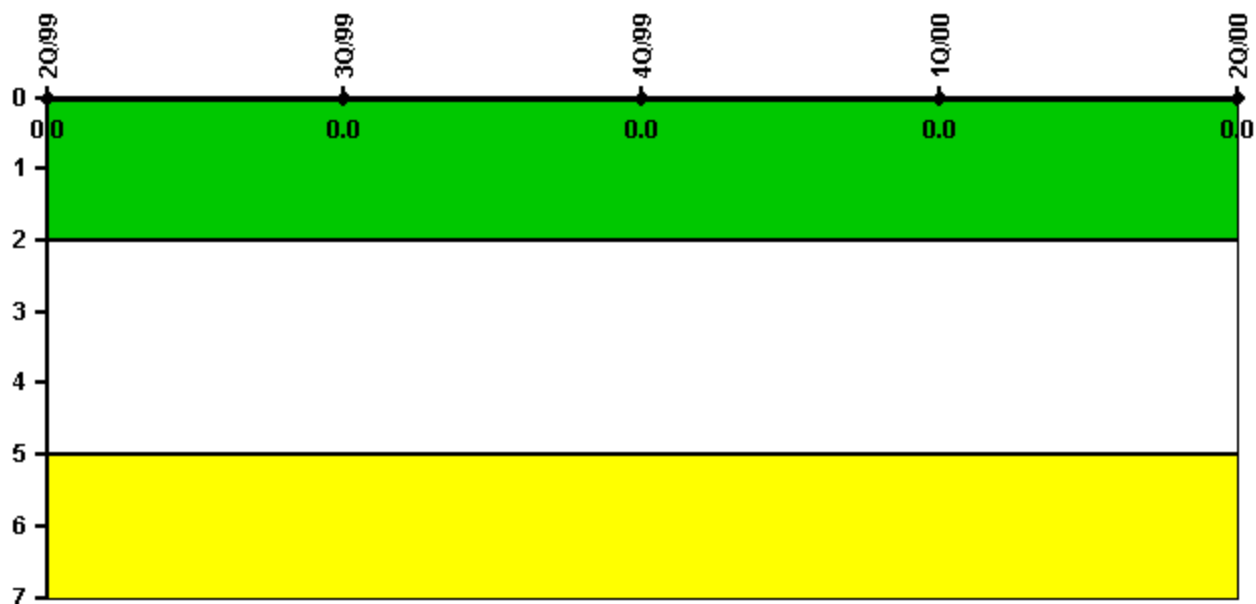
Thresholds: White > 2.0 Yellow > 5.0

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



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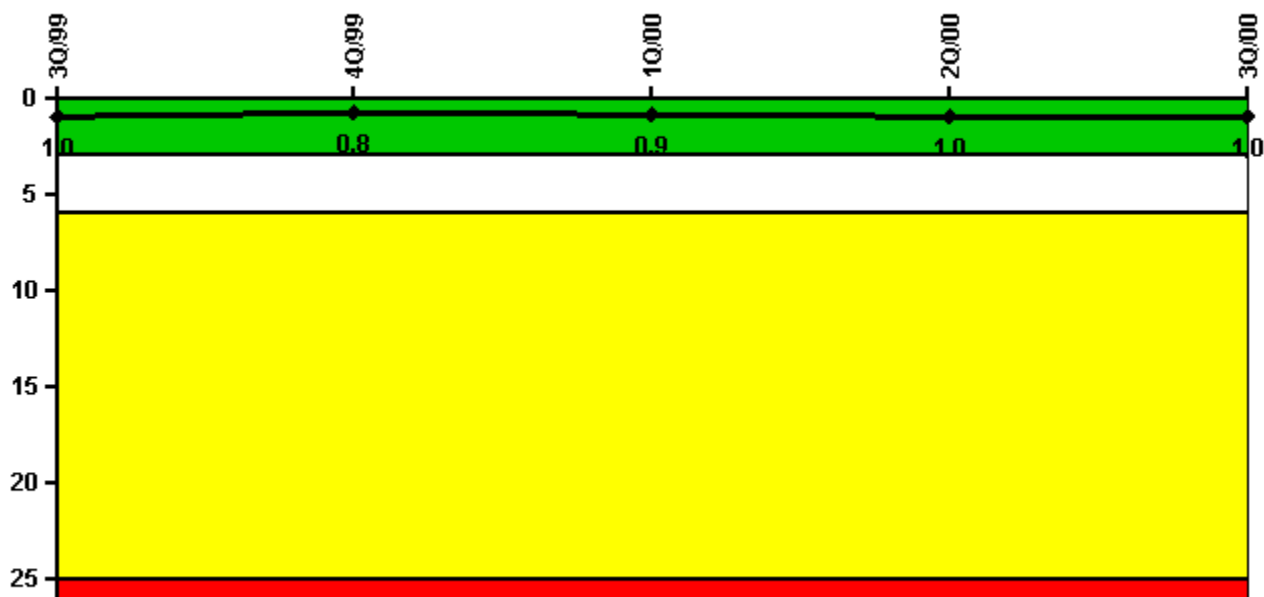
Last Modified: April 1, 2002

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3Q/2000 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



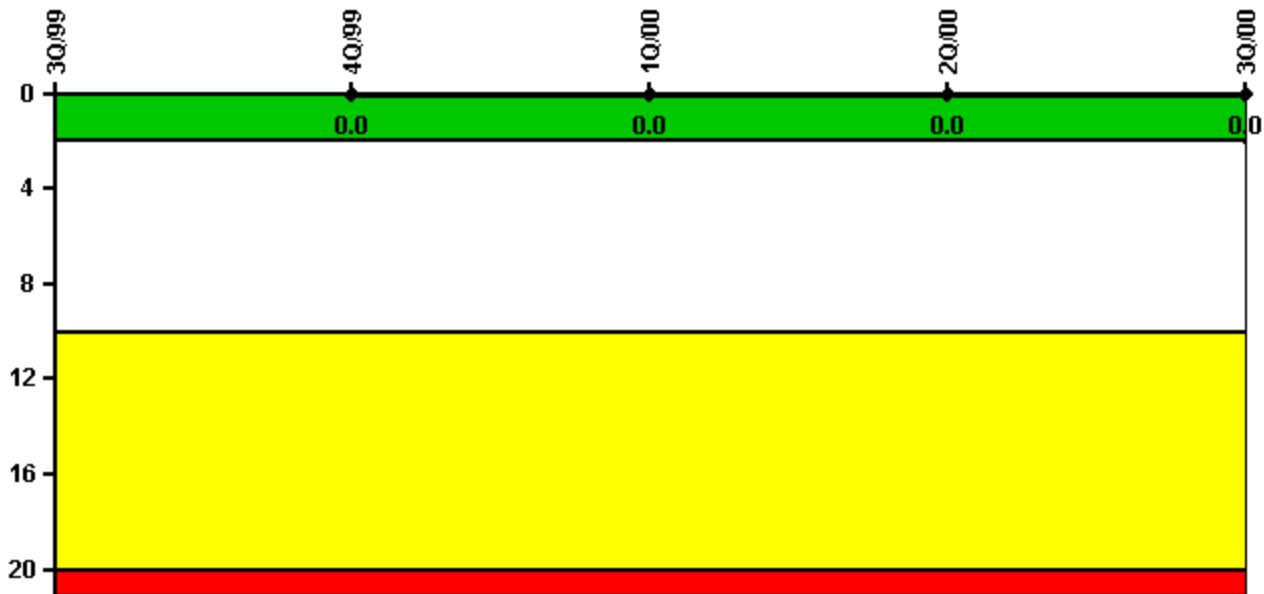
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Unplanned scrams	0	0	0	1.0	0
Critical hours	2208.0	2209.0	1512.6	882.7	2208.0
Indicator value	1.0	0.8	0.9	1.0	1.0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



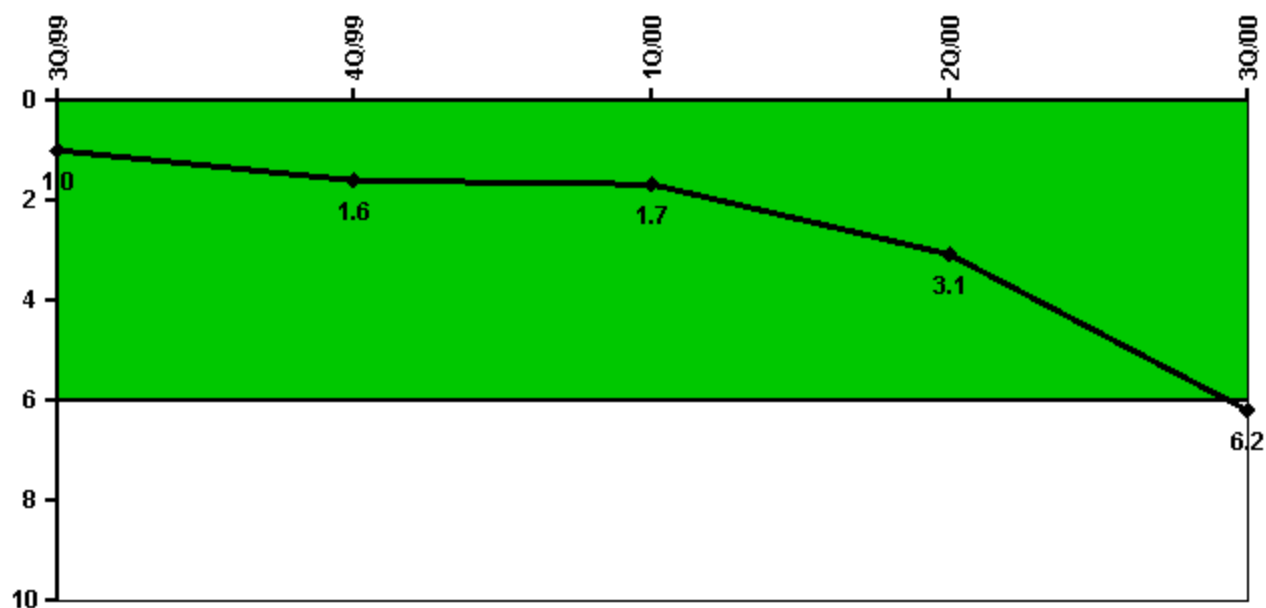
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

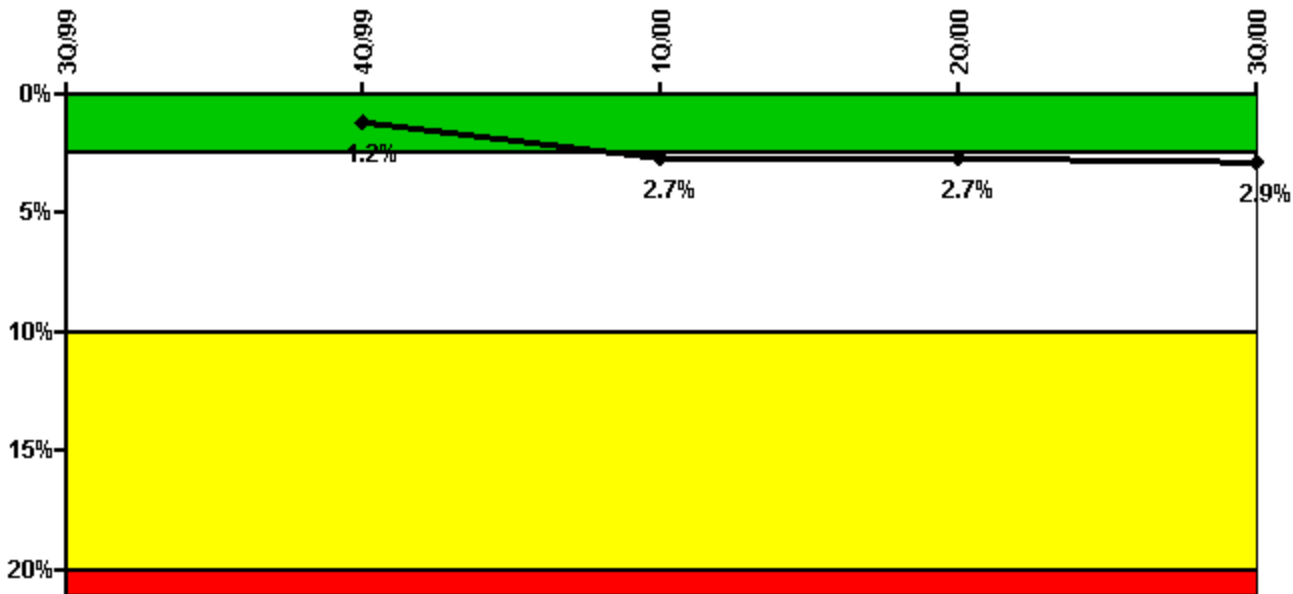
Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Unplanned power changes	0	1.0	1.0	1.0	3.0
Critical hours	2208.0	2209.0	1512.6	882.7	2208.0
Indicator value	1.0	1.6	1.7	3.1	6.2

Licensee Comments:

3Q/00: White entry due to cooling tower structural problems and distribution header leaks.

Safety System Unavailability, Emergency AC Power, >2EDG



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

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	0	1.00	17.10	8.00	132.50
Unplanned unavailable hours	0	0	0	0	0.60
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00
Train 2					
Planned unavailable hours	19.10	0	0	3.20	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	2183.00	2208.00
Train 3					
Planned unavailable hours	252.20	4.60	0	0	0
Unplanned unavailable hours	0	6.90	0	0	13.50
Fault exposure hours	0	0	1228.50	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00
Indicator value		1.2%	2.7%	2.7%	2.9%

Licensee Comments:

3Q/00: One of 3 diesel generators unavailable (Q1 2000) due to lack of automatic power transfer capability. DG was operable per Technical Specifications. Reasonable operator action is not credited under this indicator. White threshold entered Q1 2000. 12.6 hours planned unavailability for Train 3 EDG in February 2000 not reported since fault exposure was reported for the entire month.

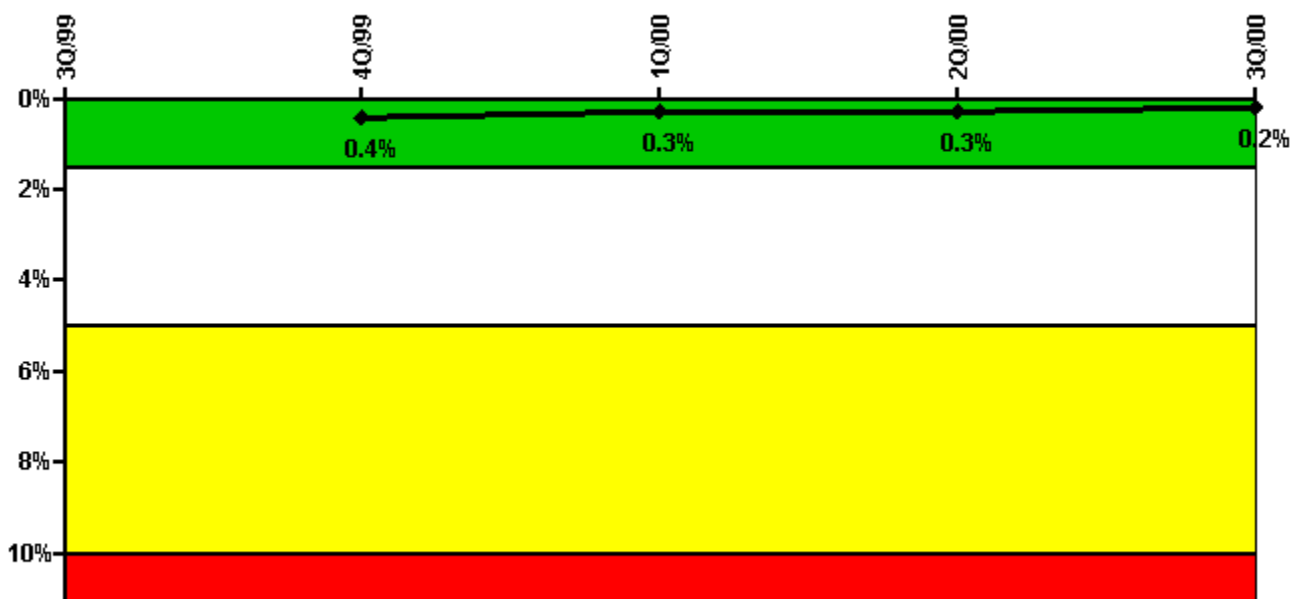
2Q/00: One of 3 diesel generators unavailable (Q1 2000) due to lack of automatic power transfer capability. DG was operable per Technical Specifications. Reasonable operator action is not credited under this indicator. White threshold entered Q1 2000. 12.6 hours planned

unavailability for Train 3 EDG in February 2000 not reported since fault exposure was reported for the entire month. Adjustment of 8 hours made 3Q2000 to remove operator action credit. Color unaffected.

1Q/00: One of 3 diesel generators unavailable due to lack of automatic power transfer capability. DG was operable per Technical Specifications. Reasonable operator action not credited under this indicator. WHITE entry.

1Q/00: One of 3 diesel generators unavailable due to lack of automatic power transfer capability. DG was operable per Technical Specifications. Reasonable operator action not credited under this indicator. Q1 2001 removed Q1 2000 Fault Exposure Hours for Train 3. Replaced 12.6 Planned Unavailable hours for same train. Color returns green.

Safety System Unavailability, High Pressure Injection System (HPSI)



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

Notes

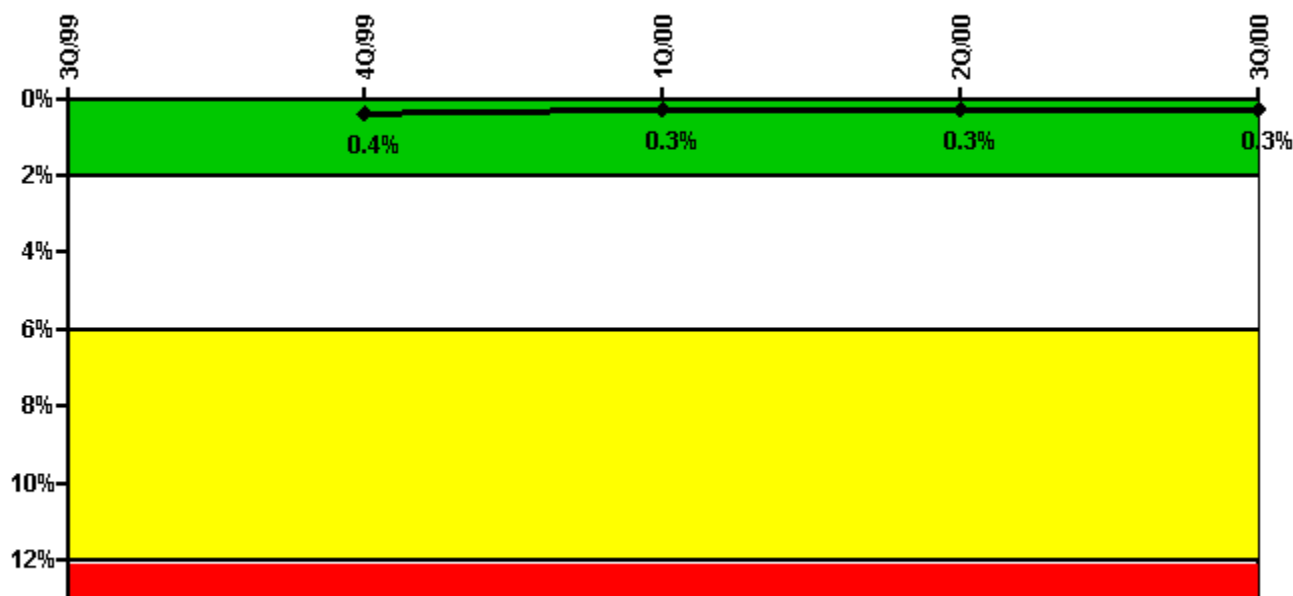
Safety System Unavailability, High Pressure Injection System (HPSI)	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	0	0	0	2.20	5.40
Unplanned unavailable hours	0	0	0	0	0.60
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	1512.60	882.70	2208.00
Train 2					
Planned unavailable hours	0	0	0	6.80	3.30
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	1512.60	882.70	2208.00
Indicator value		0.4%	0.3%	0.3%	0.2%

Licensee Comments:

3Q/00: Reactor Protection System testing hours added with 1Q2001 report. Color unaffected.

2Q/00: Reactor Protection System testing hours added with 1Q2001 report. Color unaffected.

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	0	0	1.10	4.60	6.00
Unplanned unavailable hours	0	0	0	0	0.60
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	1512.60	882.70	2208.00
Train 2					
Planned unavailable hours	7.60	0	0.40	9.20	3.90
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	1512.60	882.70	2208.00
Train 3					
Planned unavailable hours	1.70	16.00	0.90	0	1.50
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0

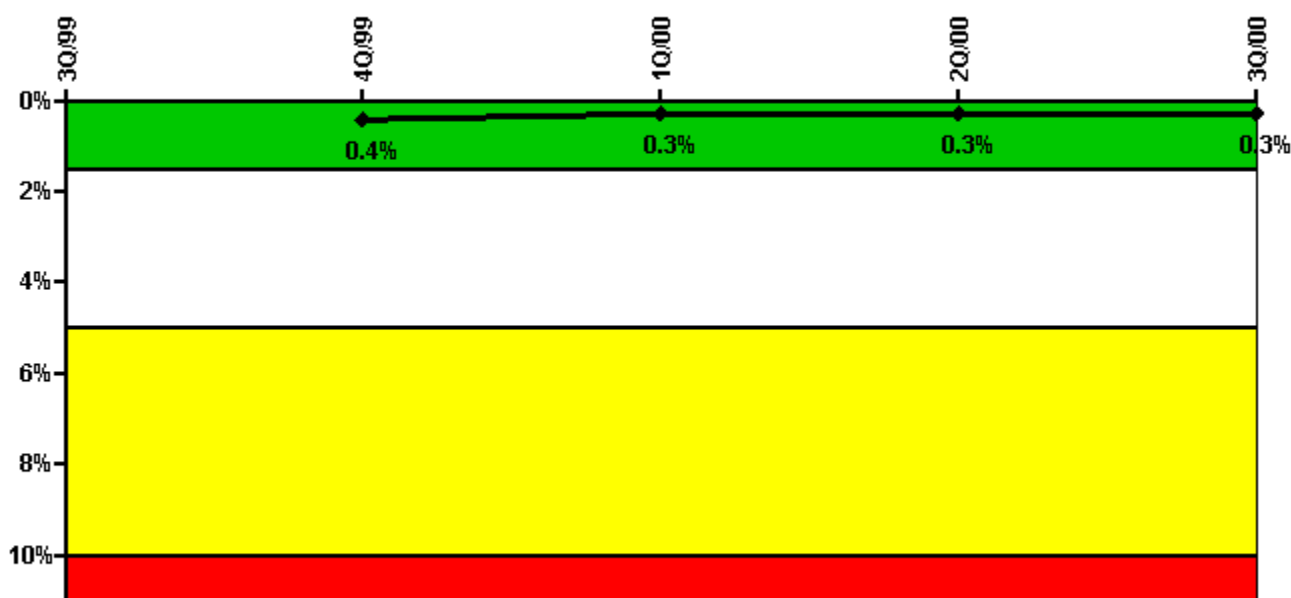
Required hours	2208.00	2209.00	1512.60	882.70	2208.00
Indicator value		0.4%	0.3%	0.3%	0.3%

Licensee Comments:

3Q/00: Reactor Protection System testing hours added with 1Q2001 report. Color unaffected.

2Q/00: Reactor Protection System testing hours added with 1Q2001 report. Color unaffected.

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	1.40	19.40	1.40	2.60	13.50
Unplanned unavailable hours	0	0	0	0	0.60
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00
Train 2					
Planned unavailable hours	0.60	13.30	0	11.60	15.20
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	2208.00	2209.00	2184.00	2183.00	2208.00

Indicator value		0.4%	0.3%	0.3%	0.3%

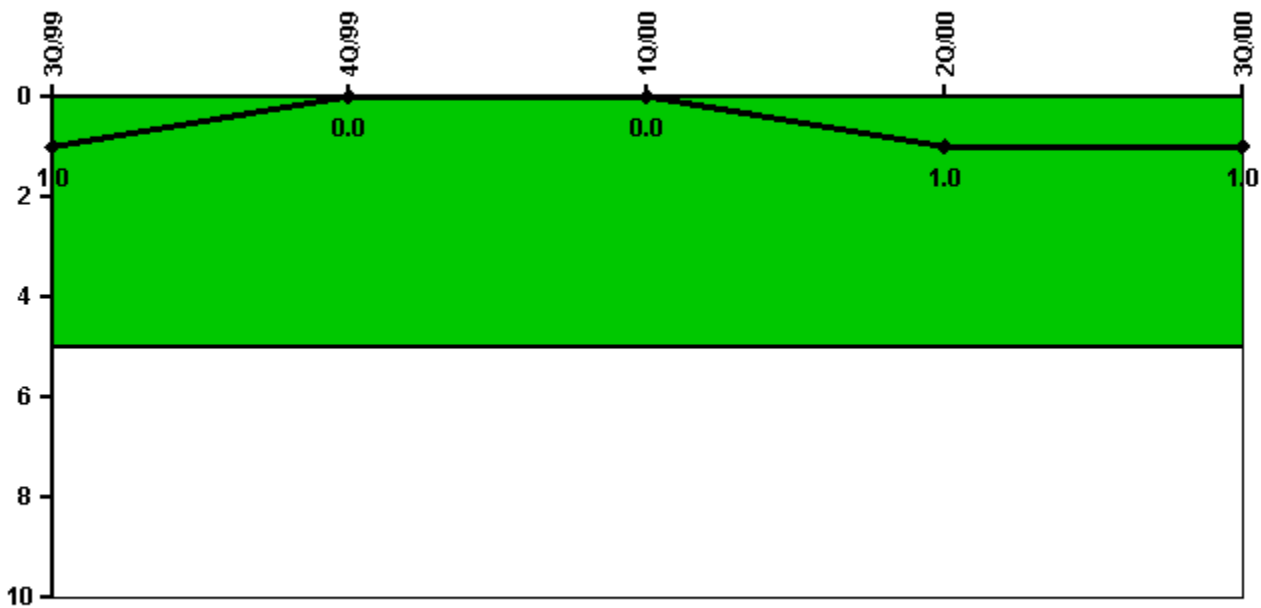
Licensee Comments:

3Q/00: Reactor Protection System testing hours added with 1Q2001 report. Color unaffected.

2Q/00: Reactor Protection System testing hours added with 1Q2001 report. Color unaffected.

1Q/00: Minor adjustments made 3Q2000 to remove operator action credit during surveillance testing. Color unaffected.

Safety System Functional Failures (PWR)



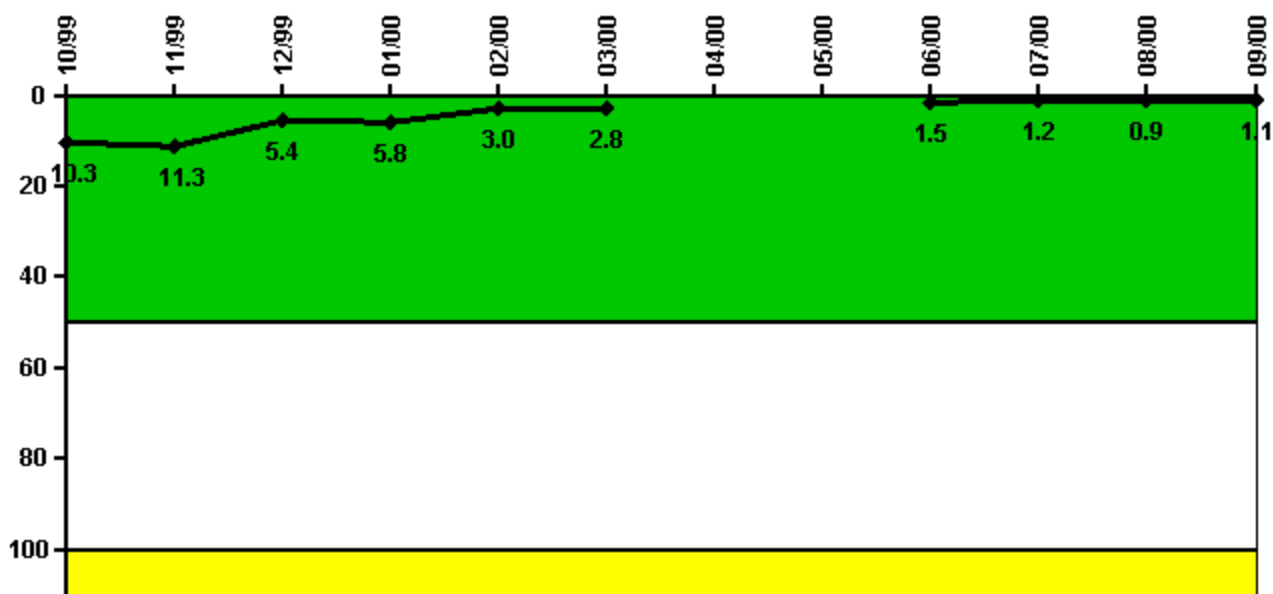
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



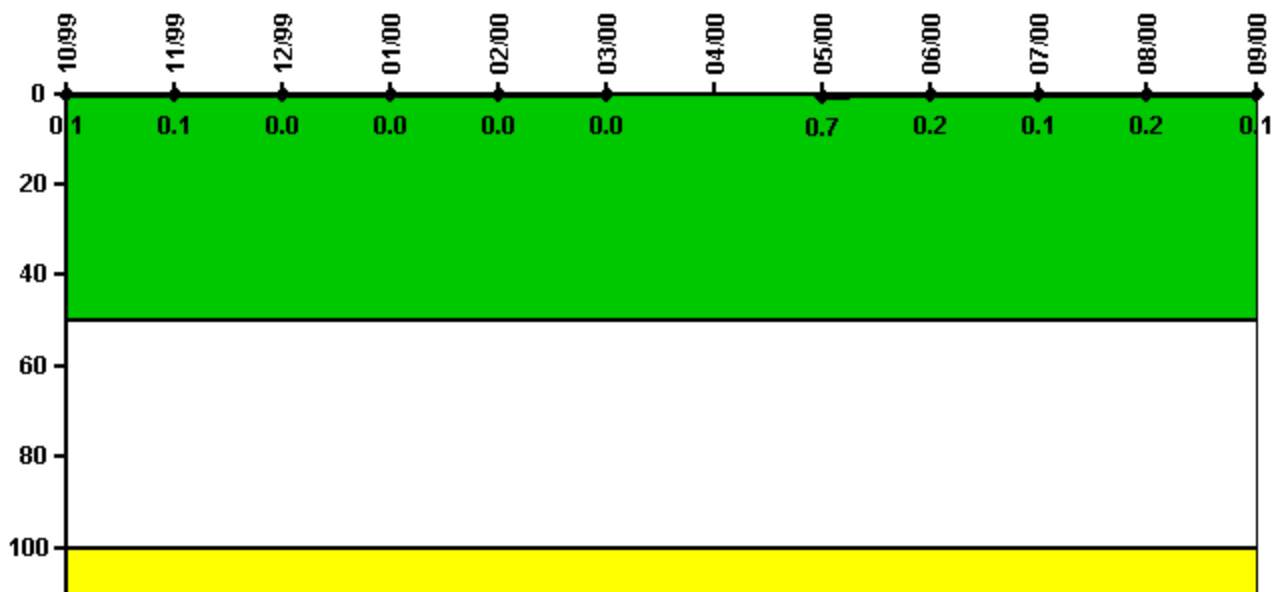
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum activity	0.030810	0.033860	0.016180	0.017310	0.009058	0.008488	N/A	N/A	0.007439	0.006018	0.004440	0.005290
Technical specification limit	0.3	0.3	0.3	0.3	0.3	0.3	N/A	0.5	0.5	0.5	0.5	0.5
Indicator value	10.3	11.3	5.4	5.8	3.0	2.8	N/A	N/A	1.5	1.2	0.9	1.1

Licensee Comments: none

Reactor Coolant System Leakage



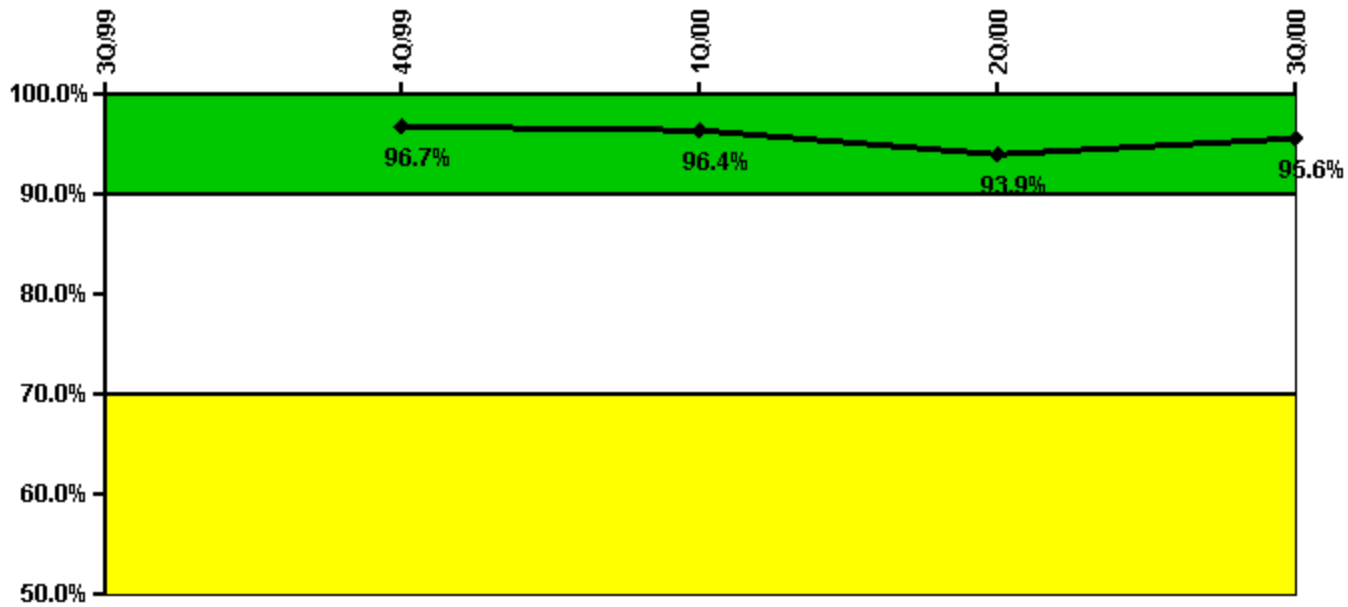
Thresholds: White > 50.0 Yellow > 100.0

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	0.007	0.007	0.001	0	0	0	N/A	0.069	0.017	0.012	0.020	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	0.1	0.1	0	0	0	0	N/A	0.7	0.2	0.1	0.2	0.1

Licensee Comments: none

Drill/Exercise Performance



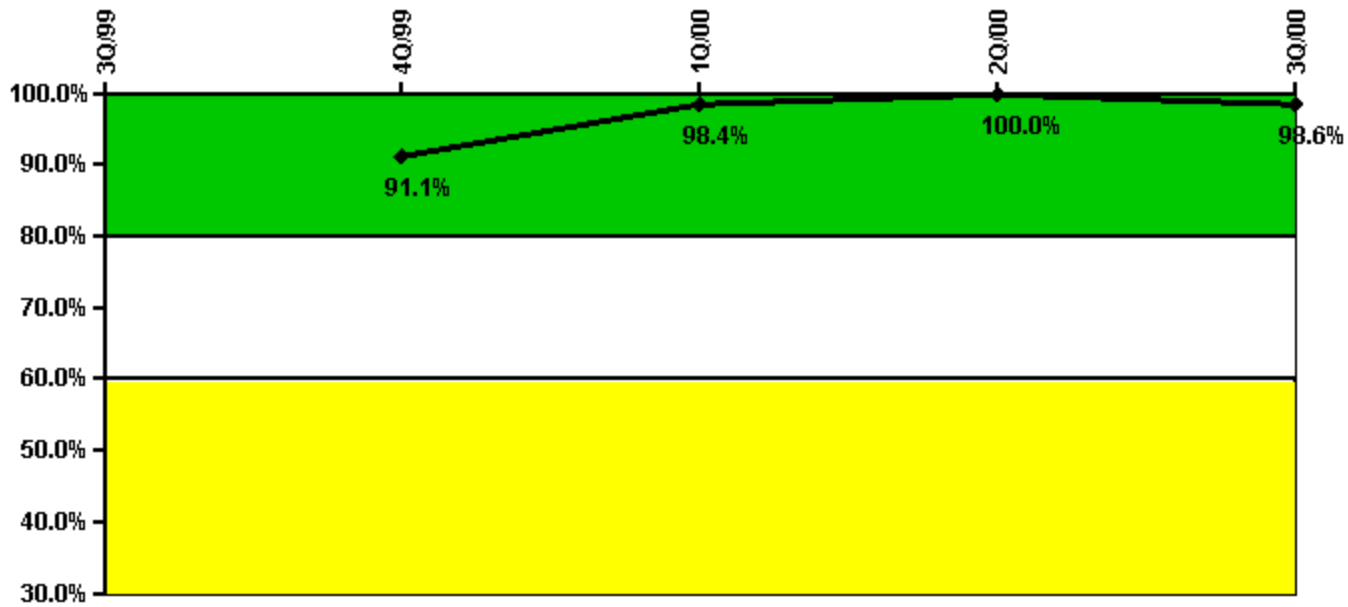
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Successful opportunities	19.0	0	6.0	15.0	65.0
Total opportunities	20.0	0	6.0	18.0	66.0
Indicator value		96.7%	96.4%	93.9%	95.6%

Licensee Comments: none

ERO Drill Participation



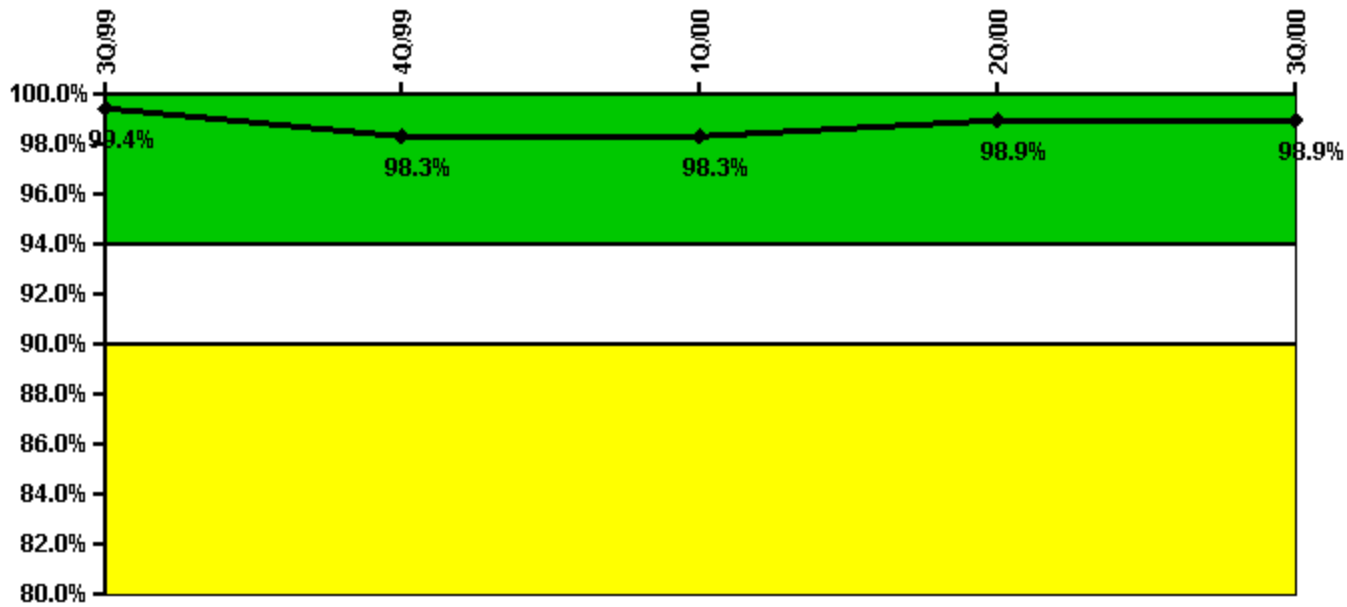
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Participating Key personnel		112.0	121.0	121.0	141.0
Total Key personnel		123.0	123.0	121.0	143.0
Indicator value		91.1%	98.4%	100.0%	98.6%

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	42	46	42	48	42
Total sirens-tests	42	48	42	48	42
Indicator value	99.4%	98.3%	98.3%	98.9%	98.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



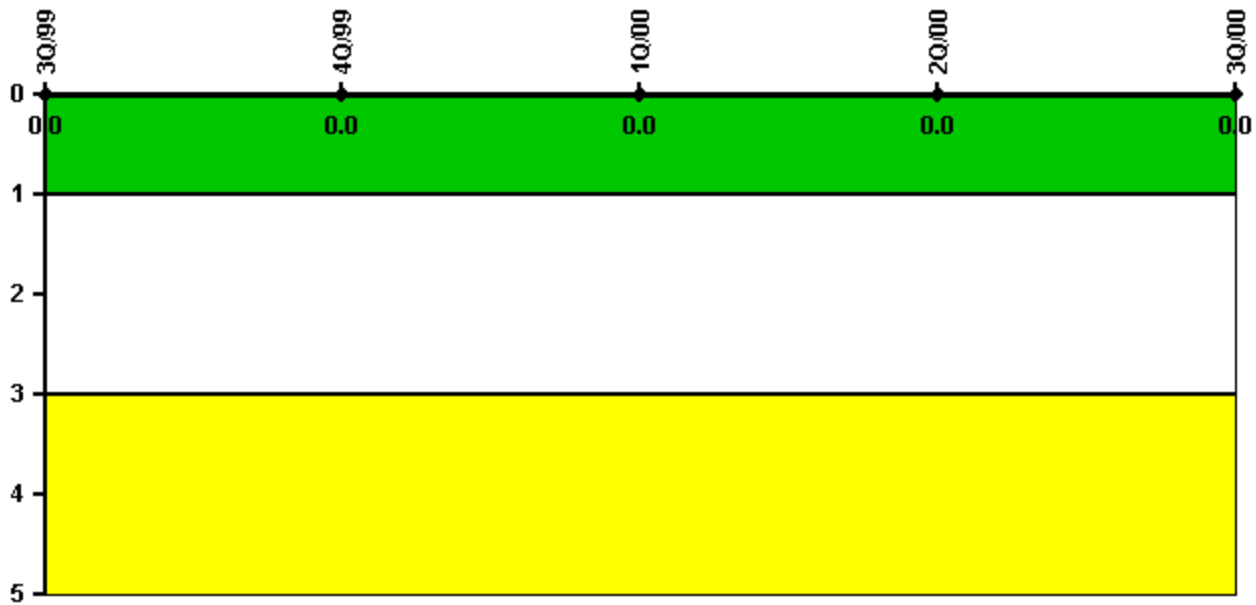
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

RETS/ODCM Radiological Effluent



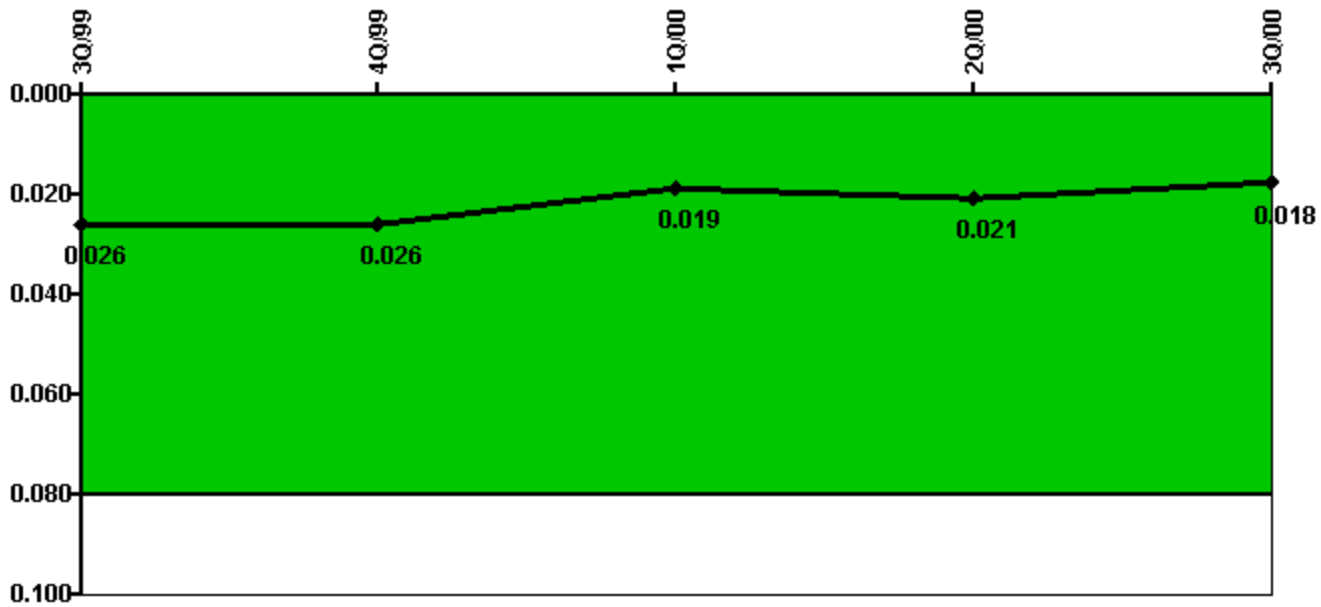
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/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



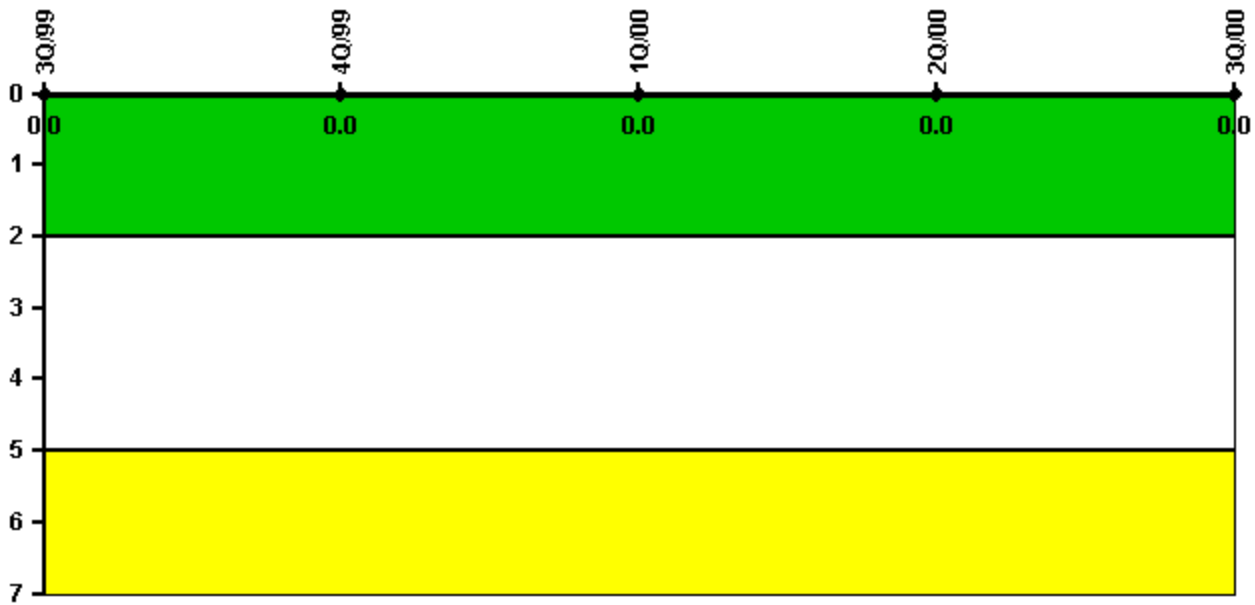
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
IDS compensatory hours	120.90	87.50	6.30	231.40	119.10
CCTV compensatory hours	69.6	35.5	17.0	0	20.7
IDS normalization factor	1.70	1.70	1.70	1.70	1.70
CCTV normalization factor	1.2	1.2	1.2	1.2	1.2
Index Value	0.026	0.026	0.019	0.021	0.018

Licensee Comments: none

Personnel Screening Program



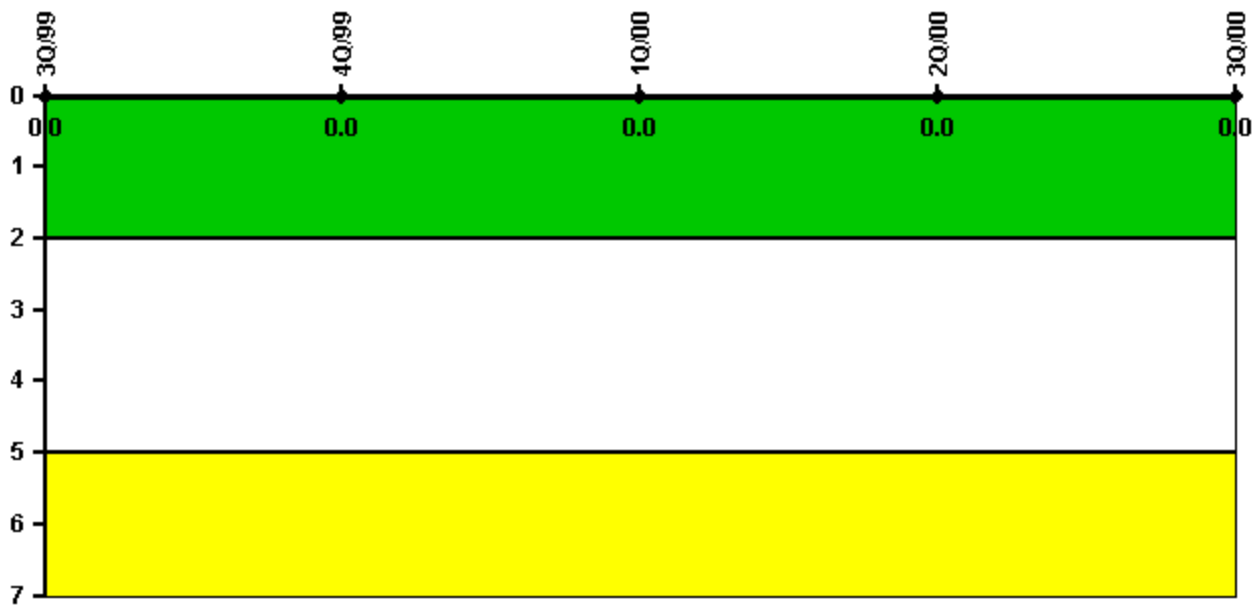
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none



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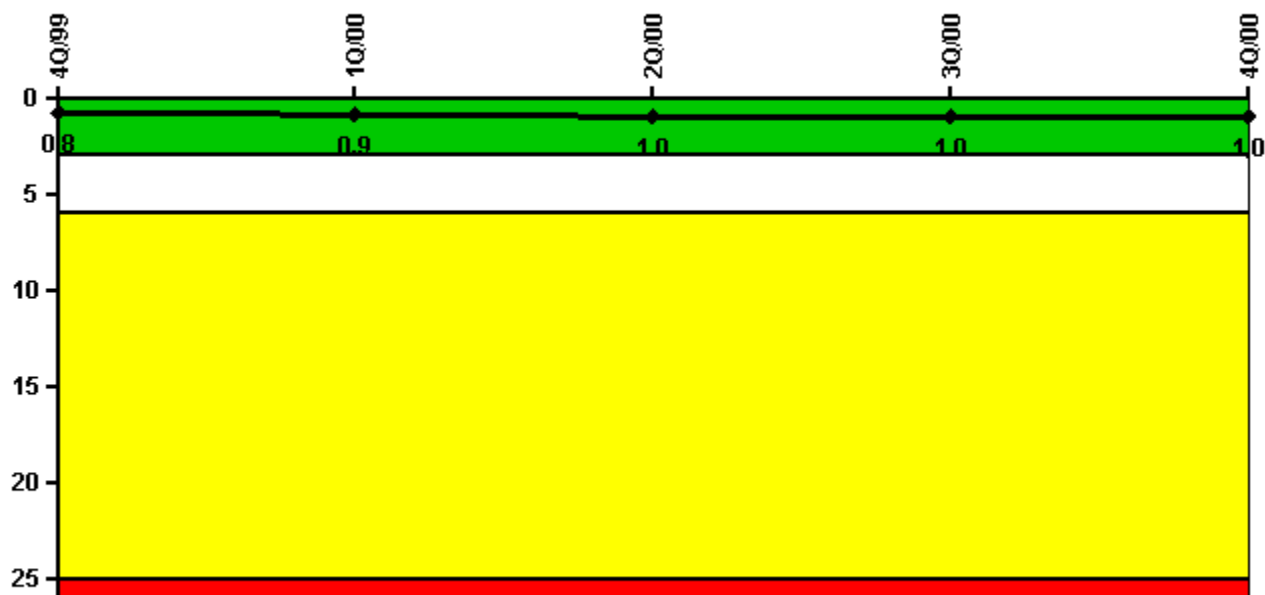
Last Modified: March 29, 2002

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4Q/2000 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Unplanned scrams	0	0	1.0	0	0
Critical hours	2209.0	1512.6	882.7	2208.0	2209.0
Indicator value	0.8	0.9	1.0	1.0	1.0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



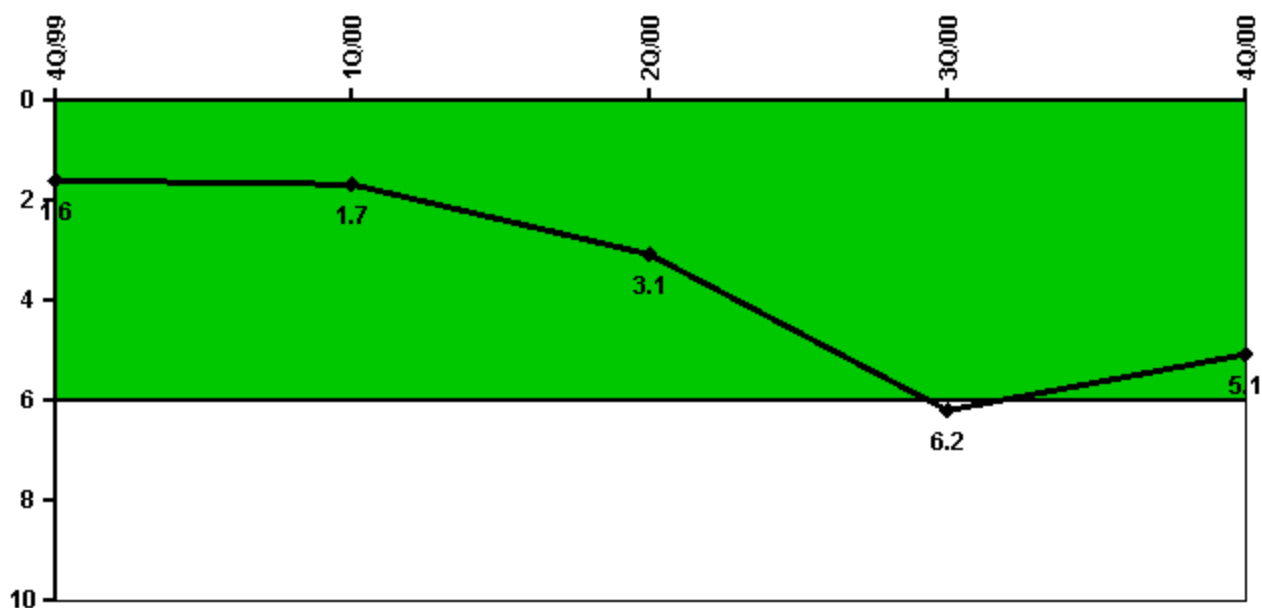
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

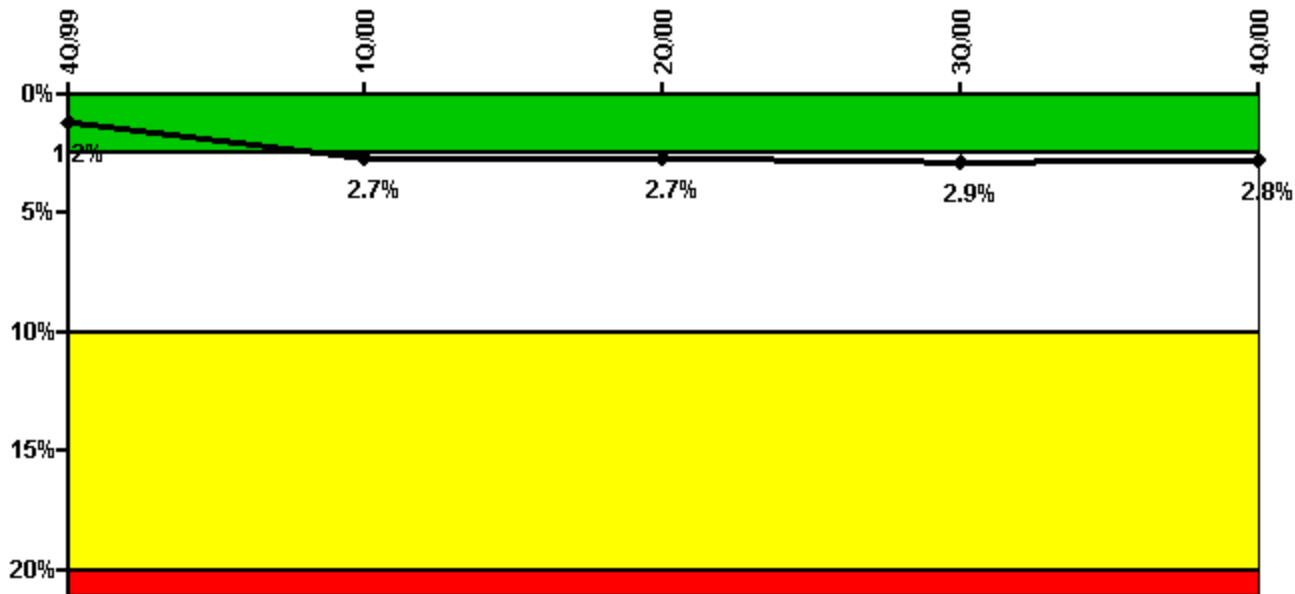
Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Unplanned power changes	1.0	1.0	1.0	3.0	0
Critical hours	2209.0	1512.6	882.7	2208.0	2209.0
Indicator value	1.6	1.7	3.1	6.2	5.1

Licensee Comments:

4Q/00: White entry Q3 2000 due to cooling tower structural problems and distribution header leaks. Reentry to Green Q4 2000 due to rollout of Q4 1999 transient.

Safety System Unavailability, Emergency AC Power, >2EDG



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

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	1.00	17.10	8.00	132.50	193.50
Unplanned unavailable hours	0	0	0	0.60	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00
Train 2					
Planned unavailable hours	0	0	3.20	0	0.80
Unplanned unavailable hours	0	0	0	0	11.10
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00
Train 3					
Planned unavailable hours	4.60	0	0	0	0.70
Unplanned unavailable hours	6.90	0	0	13.50	0
Fault exposure hours	0	1228.50	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00
Indicator value	1.2%	2.7%	2.7%	2.9%	2.8%

Licensee Comments:

4Q/00: One of 3 diesel generators unavailable (Q1 2000) due to lack of automatic power transfer capability. DG was operable per Technical Specifications. Reasonable operator action is not credited under this indicator. White threshold entered Q1 2000. 12.6 hours planned unavailability for Train 3 EDG in February 2000 not reported since fault exposure was reported for the entire month.

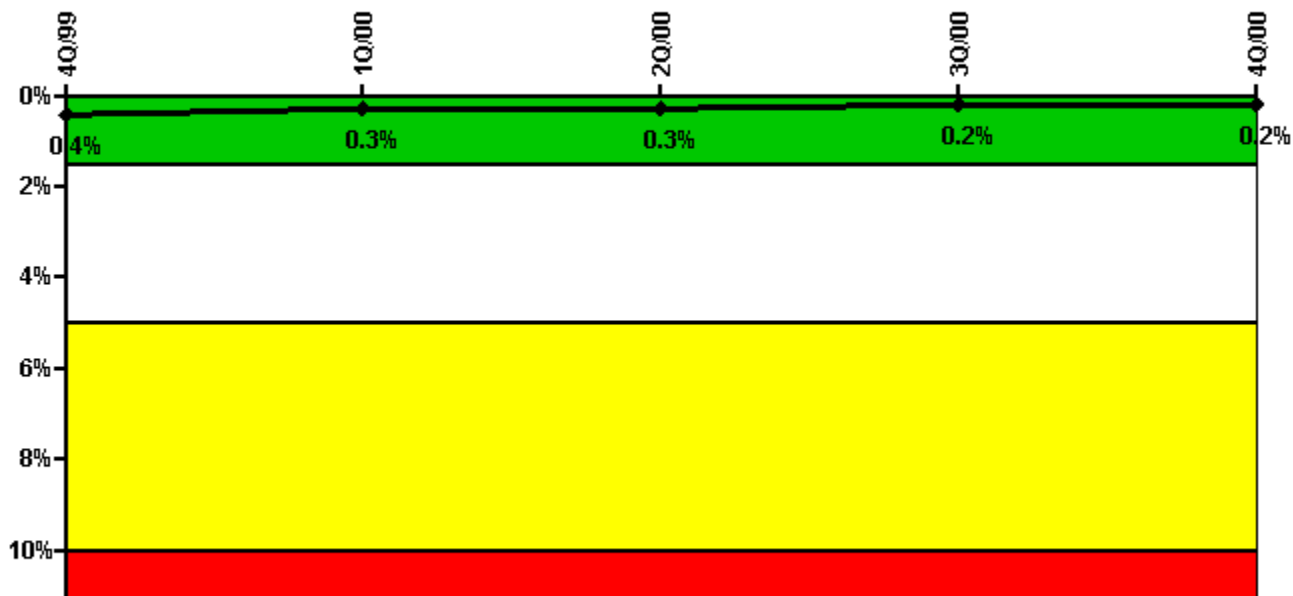
4Q/00: One of 3 diesel generators unavailable (Q1 2000) due to lack of automatic power transfer capability. DG was operable per Technical Specifications. Reasonable operator action is not credited under this indicator. White threshold entered Q1 2000. 12.6 hours planned

unavailability for Train 3 EDG in February 2000 not reported since fault exposure was reported for the entire month.

1Q/00: One of 3 diesel generators unavailable due to lack of automatic power transfer capability. DG was operable per Technical Specifications. Reasonable operator action not credited under this indicator. WHITE entry.

1Q/00: One of 3 diesel generators unavailable due to lack of automatic power transfer capability. DG was operable per Technical Specifications. Reasonable operator action not credited under this indicator. Q1 2001 removed Q1 2000 Fault Exposure Hours for Train 3. Replaced 12.6 Planned Unavailable hours for same train. Color returns green.

Safety System Unavailability, High Pressure Injection System (HPSI)



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

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	0	0	2.20	5.40	6.40
Unplanned unavailable hours	0	0	0	0.60	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	1512.60	882.70	2208.00	2209.00
Train 2					
Planned unavailable hours	0	0	6.80	3.30	6.20
Unplanned unavailable hours	0	0	0	0	0.30
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	1512.60	882.70	2208.00	2209.00
Indicator value	0.4%	0.3%	0.3%	0.2%	0.2%

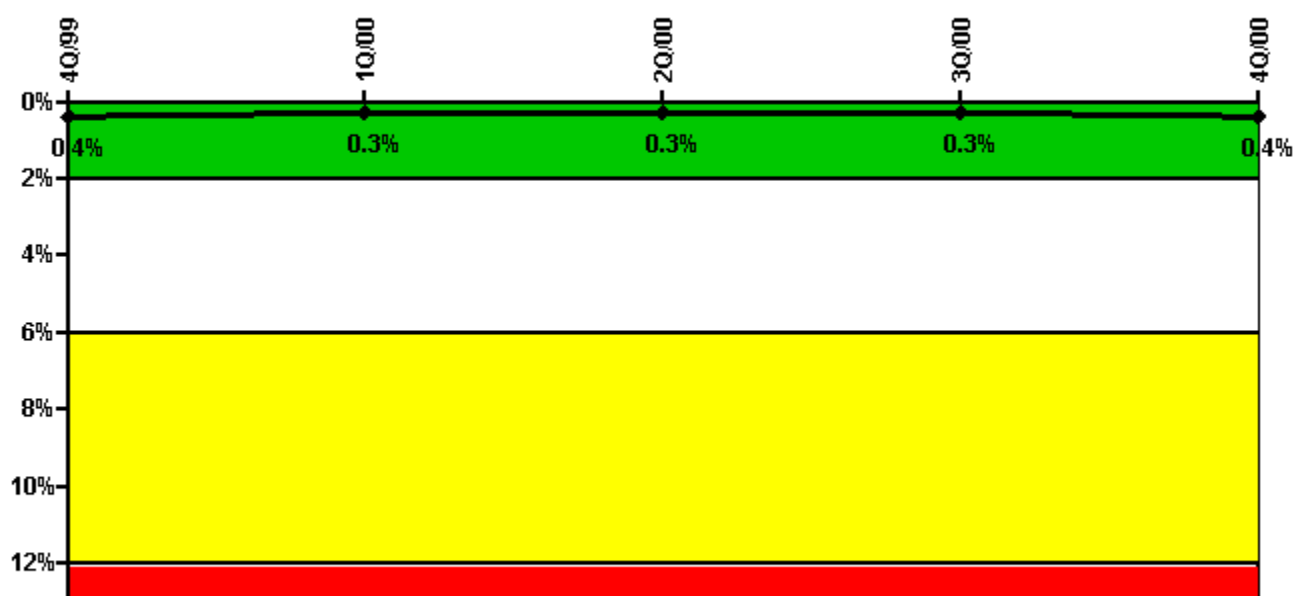
Licensee Comments:

4Q/00: Reactor Protection System testing hours added with 1Q2001 report. Color unaffected.

3Q/00: Reactor Protection System testing hours added with 1Q2001 report. Color unaffected.

2Q/00: Reactor Protection System testing hours added with 1Q2001 report. Color unaffected.

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	1.10	4.60	6.00	17.70
Unplanned unavailable hours	0	0	0	0.60	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	1512.60	882.70	2208.00	2209.00
Train 2					
Planned unavailable hours	0	0.40	9.20	3.90	7.30
Unplanned unavailable hours	0	0	0	0	0.30
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	1512.60	882.70	2208.00	2209.00
Train 3					
Planned unavailable hours	16.00	0.90	0	1.50	38.10
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0

Effective Reset hours	0	0	0	0	0
Required hours	2209.00	1512.60	882.70	2208.00	2209.00
Indicator value	0.4%	0.3%	0.3%	0.3%	0.4%

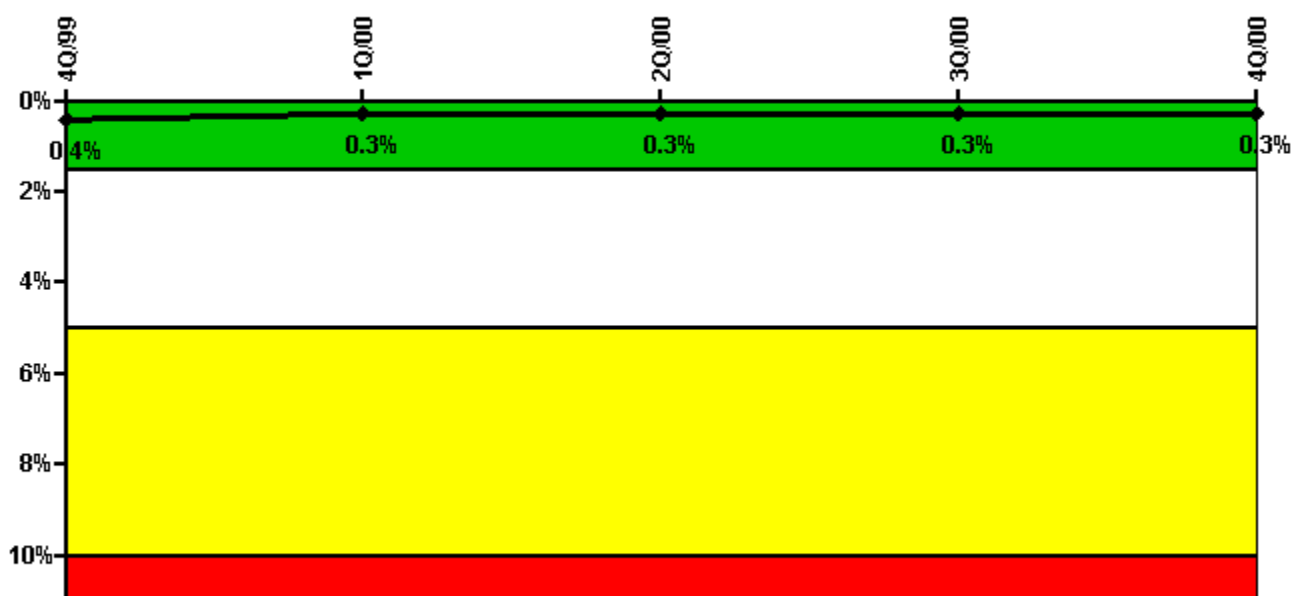
Licensee Comments:

4Q/00: Reactor Protection System testing hours added with 1Q2001 report. Color unaffected.

3Q/00: Reactor Protection System testing hours added with 1Q2001 report. Color unaffected.

2Q/00: Reactor Protection System testing hours added with 1Q2001 report. Color unaffected.

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	19.40	1.40	2.60	13.50	7.80
Unplanned unavailable hours	0	0	0	0.60	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00
Train 2					
Planned unavailable hours	13.30	0	11.60	15.20	6.60
Unplanned unavailable hours	0	0	0	0	0.30
Fault exposure hours	0	0	0	0	0

Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00
Indicator value	0.4%	0.3%	0.3%	0.3%	0.3%

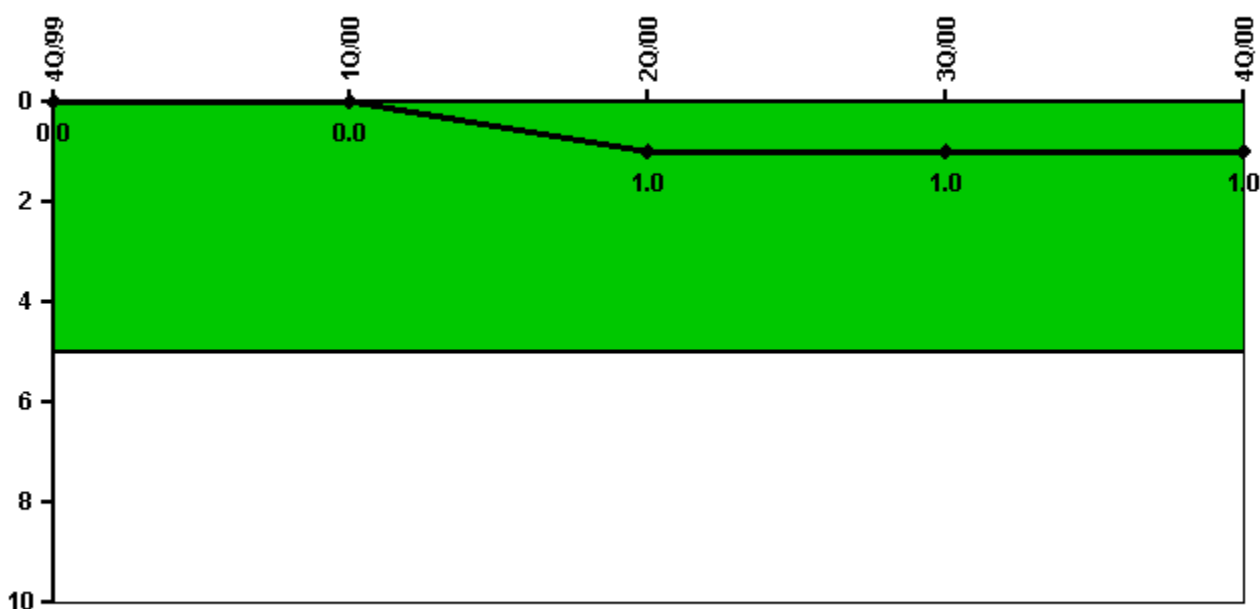
Licensee Comments:

4Q/00: Reactor Protection System testing hours added with 1Q2001 report. Color unaffected.

3Q/00: Reactor Protection System testing hours added with 1Q2001 report. Color unaffected.

2Q/00: Reactor Protection System testing hours added with 1Q2001 report. Color unaffected.

Safety System Functional Failures (PWR)



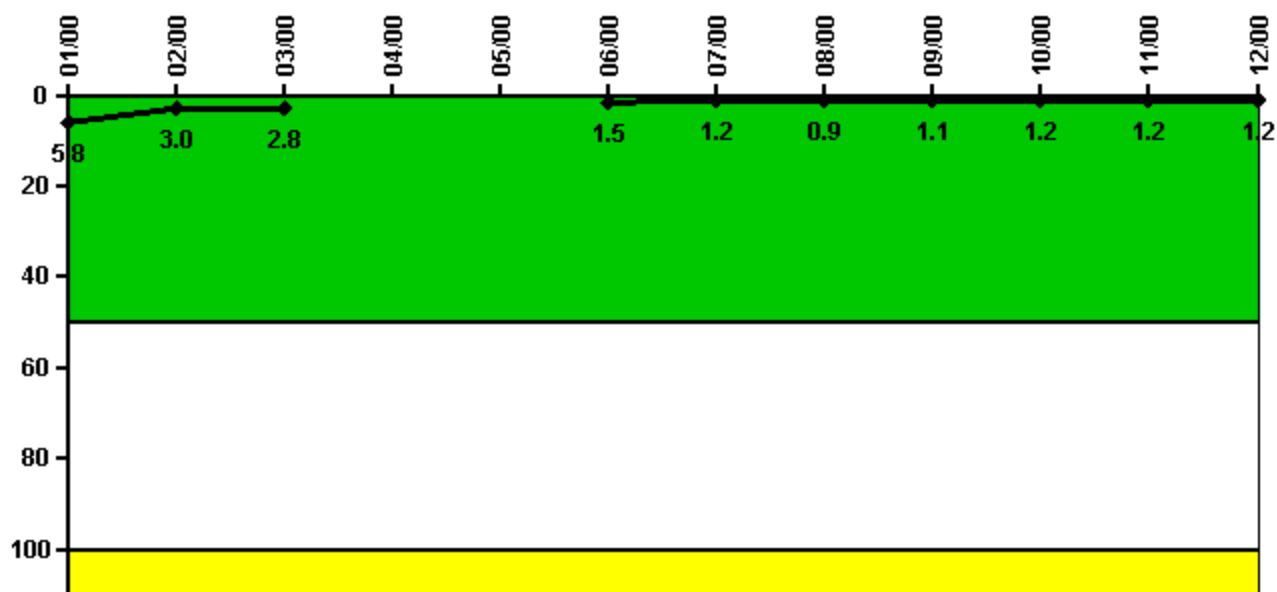
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



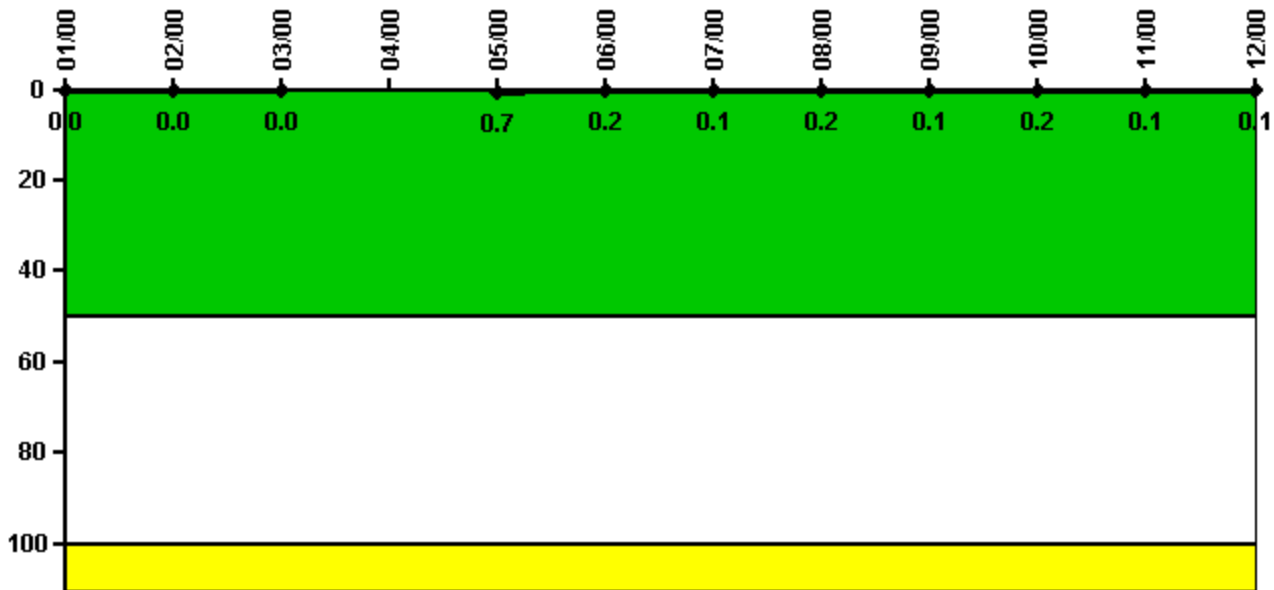
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00
Maximum activity	0.017310	0.009058	0.008488	N/A	N/A	0.007439	0.006018	0.004440	0.005290	0.005990	0.006200	0.005943
Technical specification limit	0.3	0.3	0.3	N/A	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	5.8	3.0	2.8	N/A	N/A	1.5	1.2	0.9	1.1	1.2	1.2	1.2

Licensee Comments: none

Reactor Coolant System Leakage



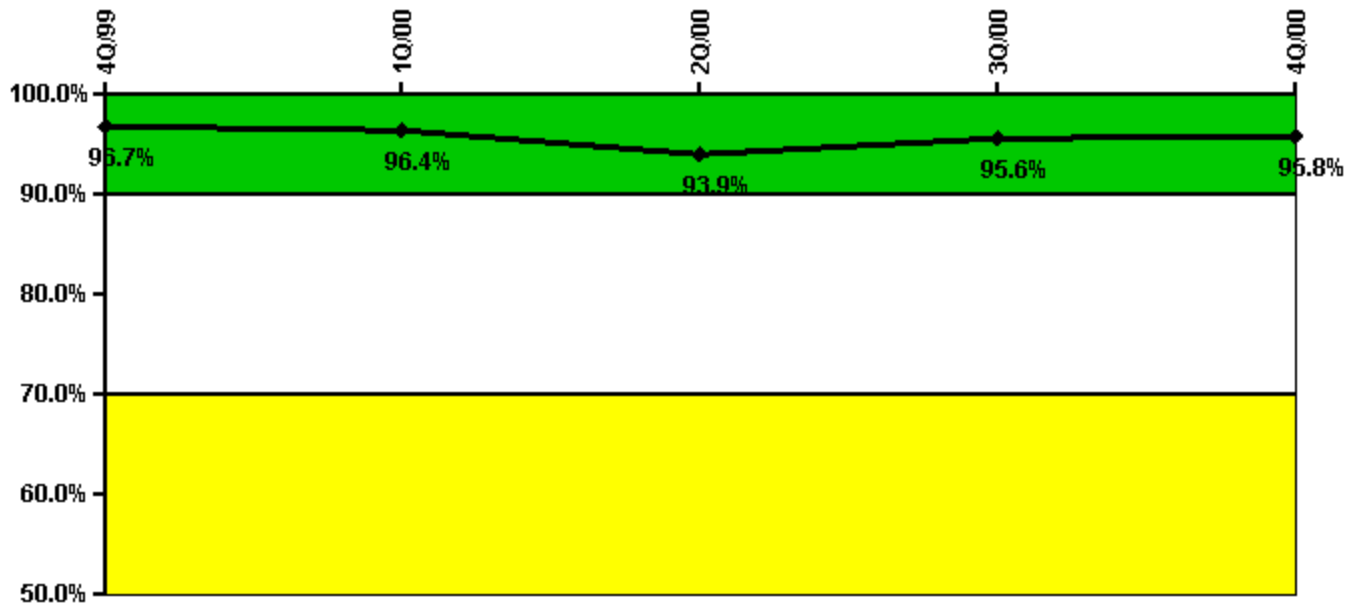
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00
Maximum leakage	0	0	0	N/A	0.069	0.017	0.012	0.020	0.012	0.018	0.012	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	0	0	N/A	0.7	0.2	0.1	0.2	0.1	0.2	0.1	0.1

Licensee Comments: none

Drill/Exercise Performance



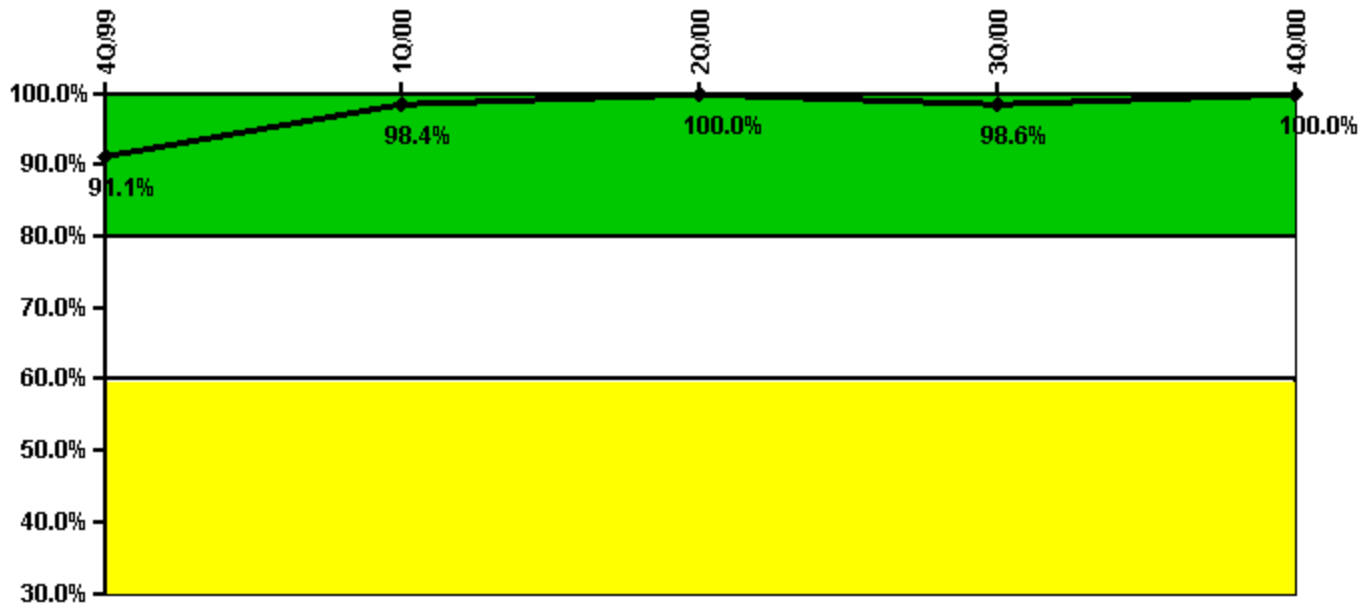
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Successful opportunities	0	6.0	15.0	65.0	56.0
Total opportunities	0	6.0	18.0	66.0	58.0
Indicator value	96.7%	96.4%	93.9%	95.6%	95.8%

Licensee Comments: none

ERO Drill Participation



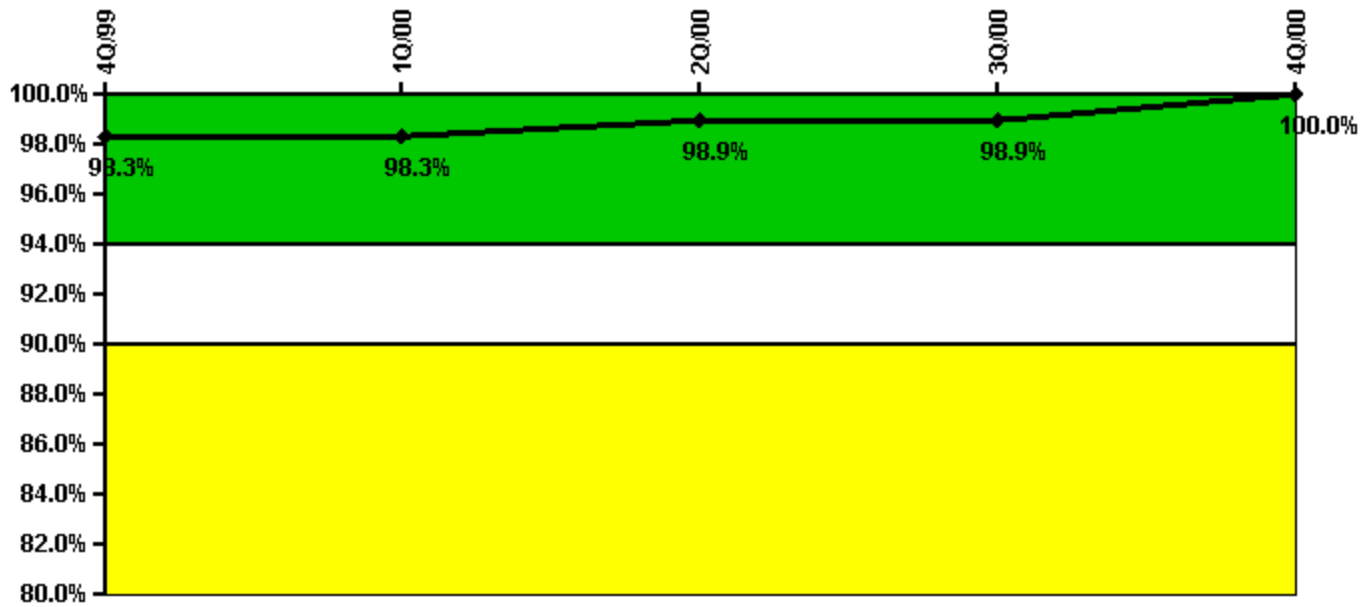
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Participating Key personnel	112.0	121.0	121.0	141.0	103.0
Total Key personnel	123.0	123.0	121.0	143.0	103.0
Indicator value	91.1%	98.4%	100.0%	98.6%	100.0%

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Successful siren-tests	46	42	48	42	45
Total sirens-tests	48	42	48	42	45
Indicator value	98.3%	98.3%	98.9%	98.9%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



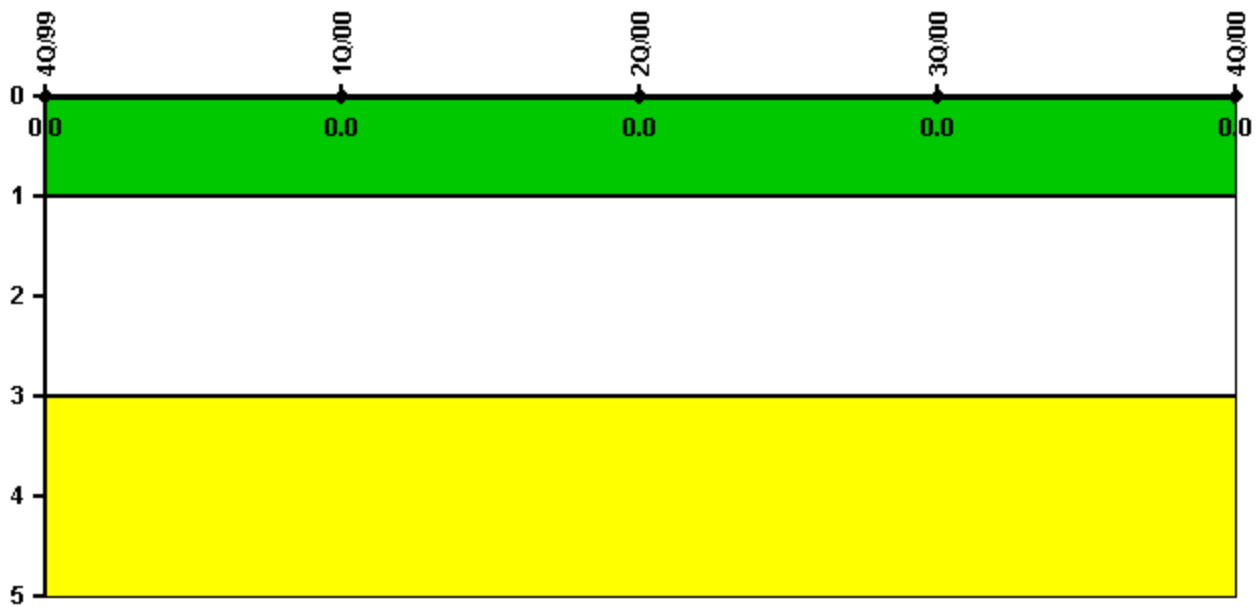
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

RETS/ODCM Radiological Effluent



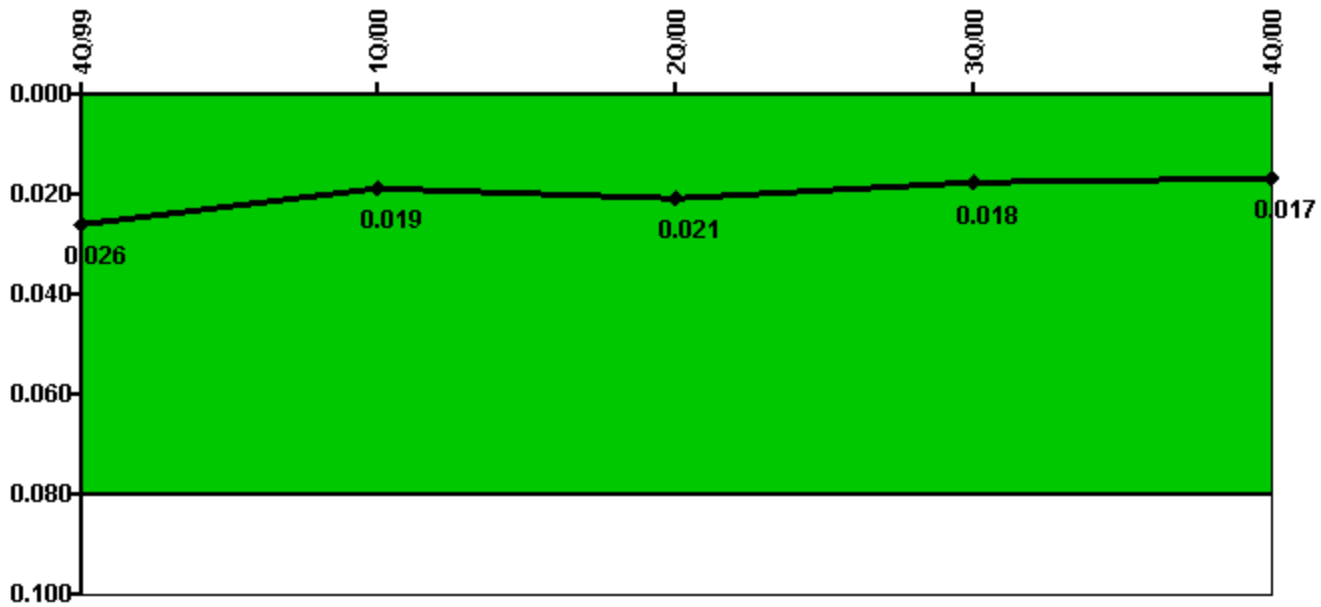
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/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



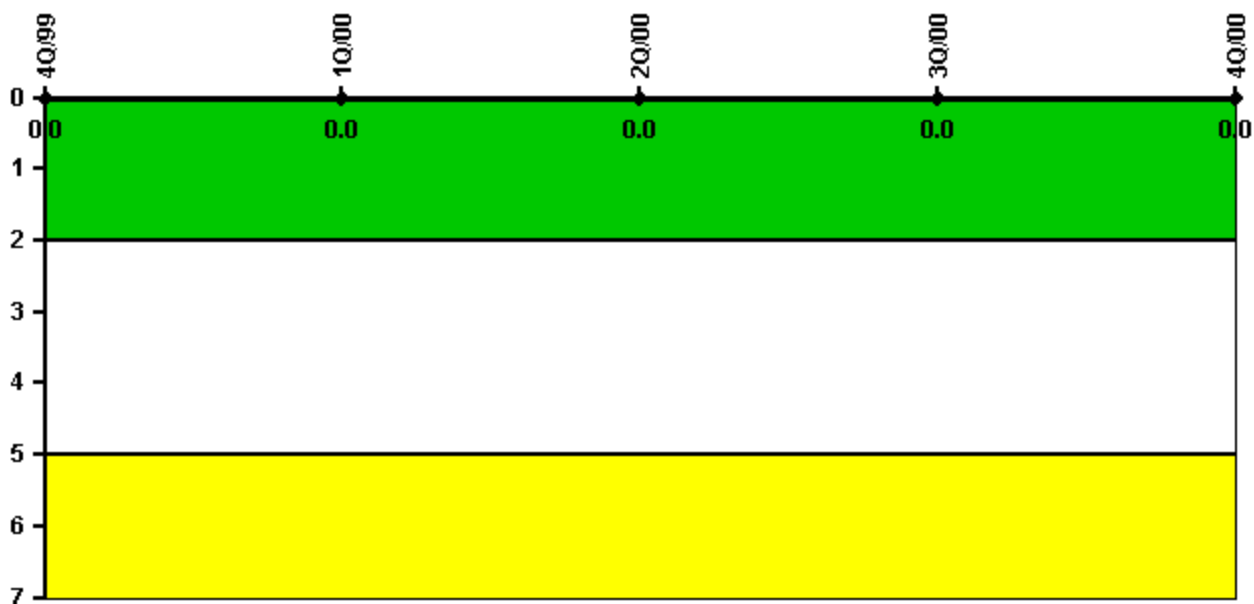
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
IDS compensatory hours	87.50	6.30	231.40	119.10	88.37
CCTV compensatory hours	35.5	17.0	0	20.7	9.3
IDS normalization factor	1.70	1.70	1.70	1.70	1.70
CCTV normalization factor	1.2	1.2	1.2	1.2	1.2
Index Value	0.026	0.019	0.021	0.018	0.017

Licensee Comments: none

Personnel Screening Program



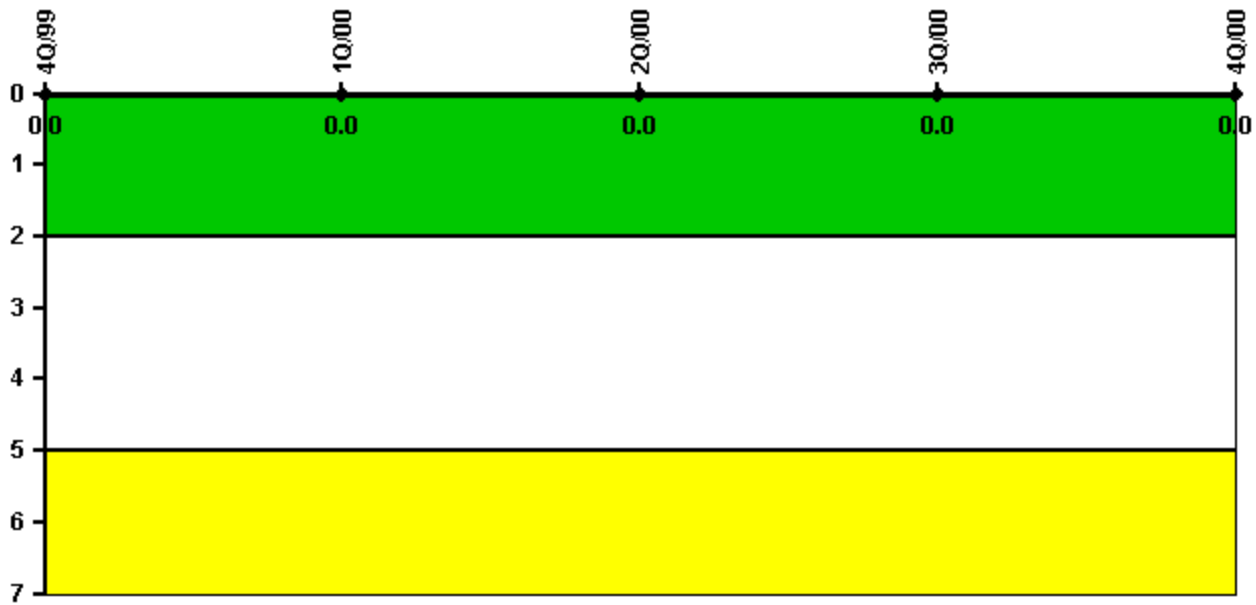
Thresholds: White > 2.0 Yellow > 5.0

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](#)

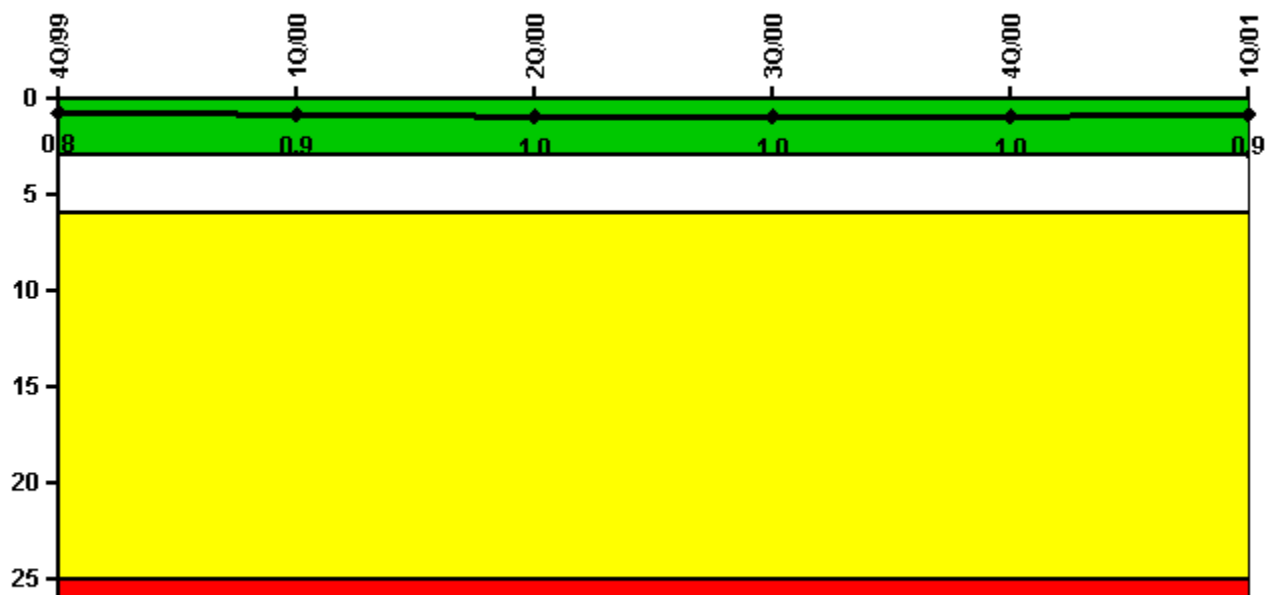
Last Modified: March 28, 2002

Farley 1

1Q/2001 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Unplanned scrams	0	0	1.0	0	0	0
Critical hours	2209.0	1512.6	882.7	2208.0	2209.0	2160.0
Indicator value	0.8	0.9	1.0	1.0	1.0	0.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



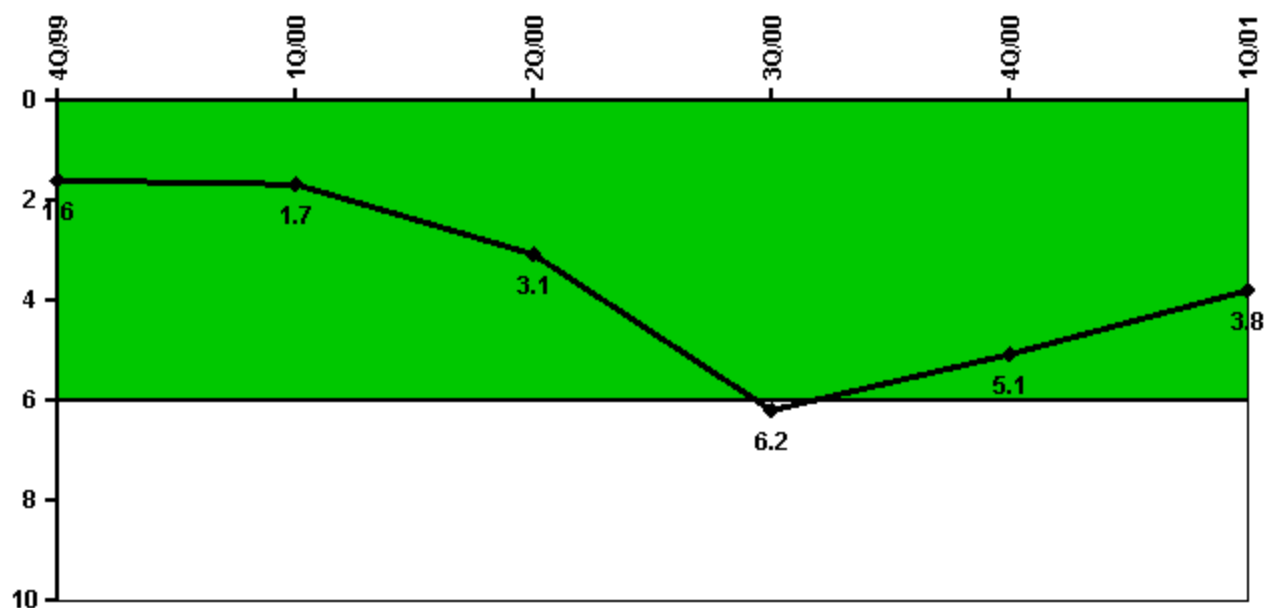
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



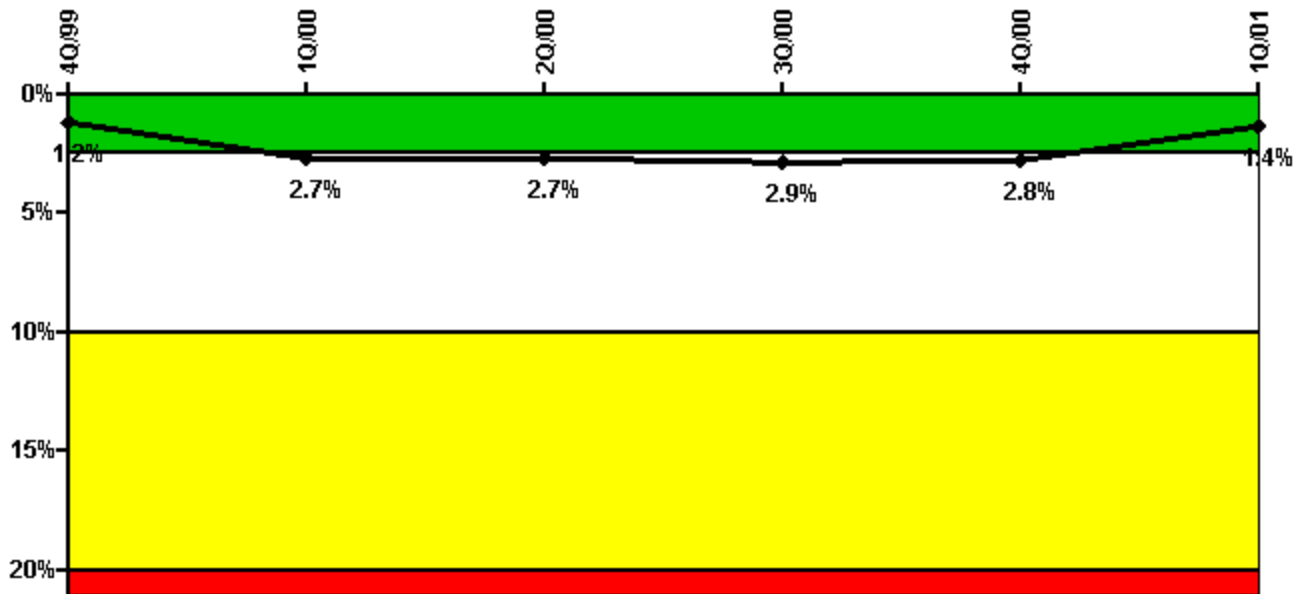
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Unplanned power changes	1.0	1.0	1.0	3.0	0	0
Critical hours	2209.0	1512.6	882.7	2208.0	2209.0	2160.0
Indicator value	1.6	1.7	3.1	6.2	5.1	3.8

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



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

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Train 1						
Planned unavailable hours	1.00	17.10	8.00	132.50	193.50	124.90
Unplanned unavailable hours	0	0	0	0.60	0	0.30
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Train 2						
Planned unavailable hours	0	0	3.20	0	0.80	11.90
Unplanned unavailable hours	0	0	0	0	11.10	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Train 3						
Planned unavailable hours	4.60	0	0	0	0.70	1.30
Unplanned unavailable hours	6.90	0	0	13.50	0	0
Fault exposure hours	0	1228.50	0	0	0	0
Effective Reset hours	0	0	0	0	0	1215.90
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Indicator value	1.2%	2.7%	2.7%	2.9%	2.8%	1.4%

Licensee Comments:

1Q/01: Q1 2000 Train 3 Fault Exposure Hours Removed. 12.6 hours planned unavailability for same train replaced. Color returns to Green. Q2 2001 added 123.3 hours planned unavailability to January 2001 Train A previously omitted. Color unaffected.

1Q/01: Q1 2000 Train 3 Fault Exposure Hours Removed. 12.6 hours planned unavailability for same train replaced. Color returns to Green.

1Q/01: Q2 2001 added 123.3 hours planned unavailability to January 2001 Train A previously omitted. Color unaffected.

4Q/00: One of 3 diesel generators unavailable (Q1 2000) due to lack of automatic power transfer capability. DG was operable per Technical Specifications. Reasonable operator action is not credited under this indicator. White threshold entered Q1 2000. 12.6 hours planned unavailability for Train 3 EDG in February 2000 not reported since fault exposure was reported for the entire month.

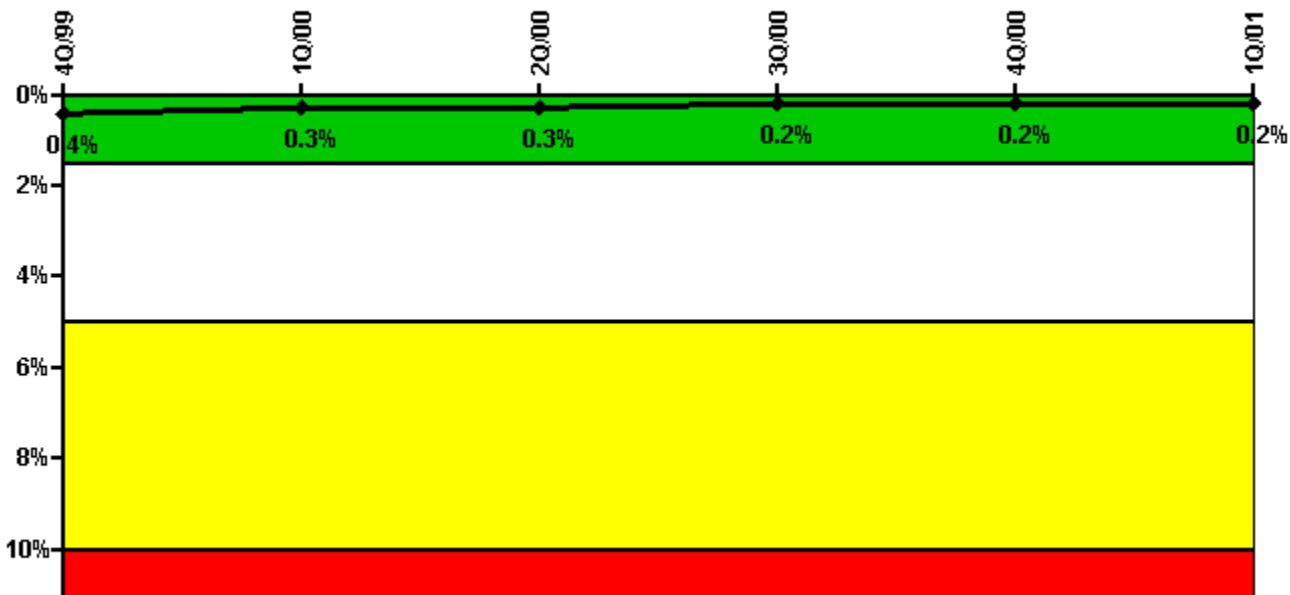
1Q/00: One of 3 diesel generators unavailable due to lack of automatic power transfer capability. DG was operable per Technical Specifications. Reasonable operator action not credited under this indicator. WHITE entry.

1Q/00: One of 3 diesel generators unavailable due to lack of automatic power transfer capability. DG was operable per Technical Specifications. Reasonable operator action not credited under this indicator. Q1 2001 removed Q1 2000 Fault Exposure Hours for Train 3. Replaced 12.6 Planned Unavailable hours for same train. Color returns green.

Effective Reset Comments:

1Q/01: Previously reset hours were reset under new process.

Safety System Unavailability, High Pressure Injection System (HPSI)



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

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Train 1						
Planned unavailable hours	0	0	2.20	5.40	6.40	5.70
Unplanned unavailable hours	0	0	0	0.60	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	1512.60	882.70	2208.00	2209.00	2160.00
Train 2						
Planned unavailable hours	0	0	6.80	3.30	6.20	5.60
Unplanned unavailable hours	0	0	0	0	0.30	0.30

Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	1512.60	882.70	2208.00	2209.00	2160.00
Indicator value	0.4%	0.3%	0.3%	0.2%	0.2%	0.2%

Licensee Comments:

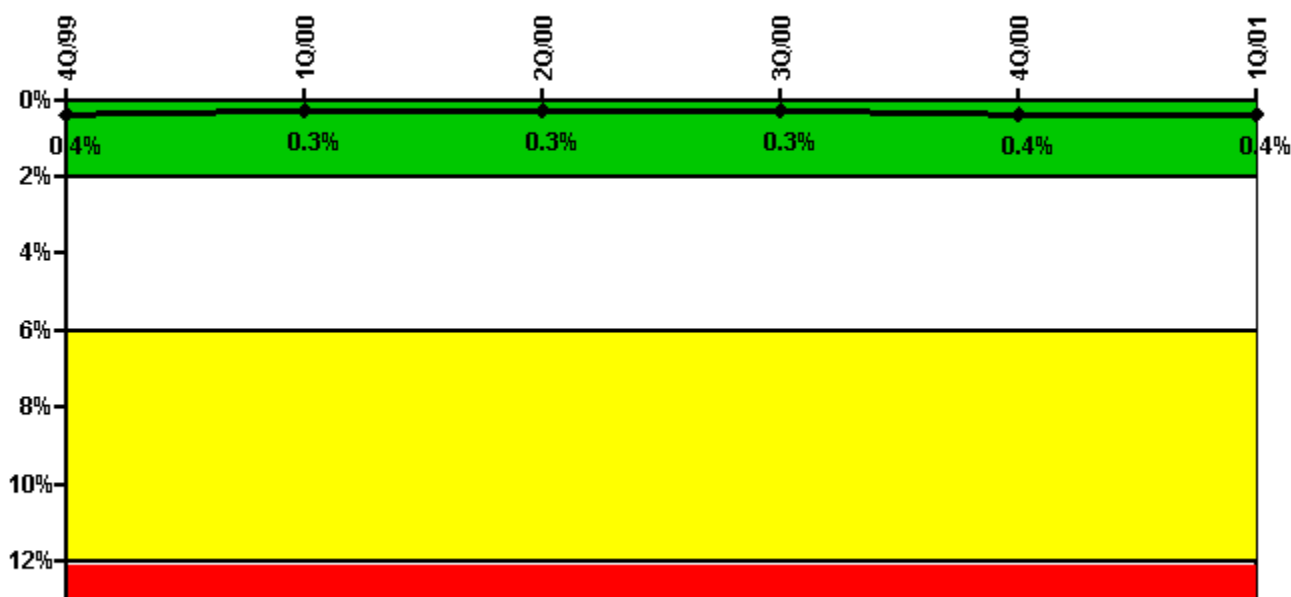
1Q/01: Revised 2Q, 3Q, and 4Q 2000 data to include Reactor Protection System testing hours. Color unaffected.

4Q/00: Reactor Protection System testing hours added with 1Q2001 report. Color unaffected.

3Q/00: Reactor Protection System testing hours added with 1Q2001 report. Color unaffected.

2Q/00: Reactor Protection System testing hours added with 1Q2001 report. Color unaffected.

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	1.10	4.60	6.00	17.70	5.70
Unplanned unavailable hours	0	0	0	0.60	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	1512.60	882.70	2208.00	2209.00	2160.00
Train 2						
Planned unavailable hours	0	0.40	9.20	3.90	7.30	7.30

Unplanned unavailable hours	0	0	0	0	0.30	0.40
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	1512.60	882.70	2208.00	2209.00	2160.00
Train 3						
Planned unavailable hours	16.00	0.90	0	1.50	38.10	2.00
Unplanned unavailable hours	0	0	0	0	0	16.00
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	1512.60	882.70	2208.00	2209.00	2160.00
Indicator value	0.4%	0.3%	0.3%	0.3%	0.4%	0.4%

Licensee Comments:

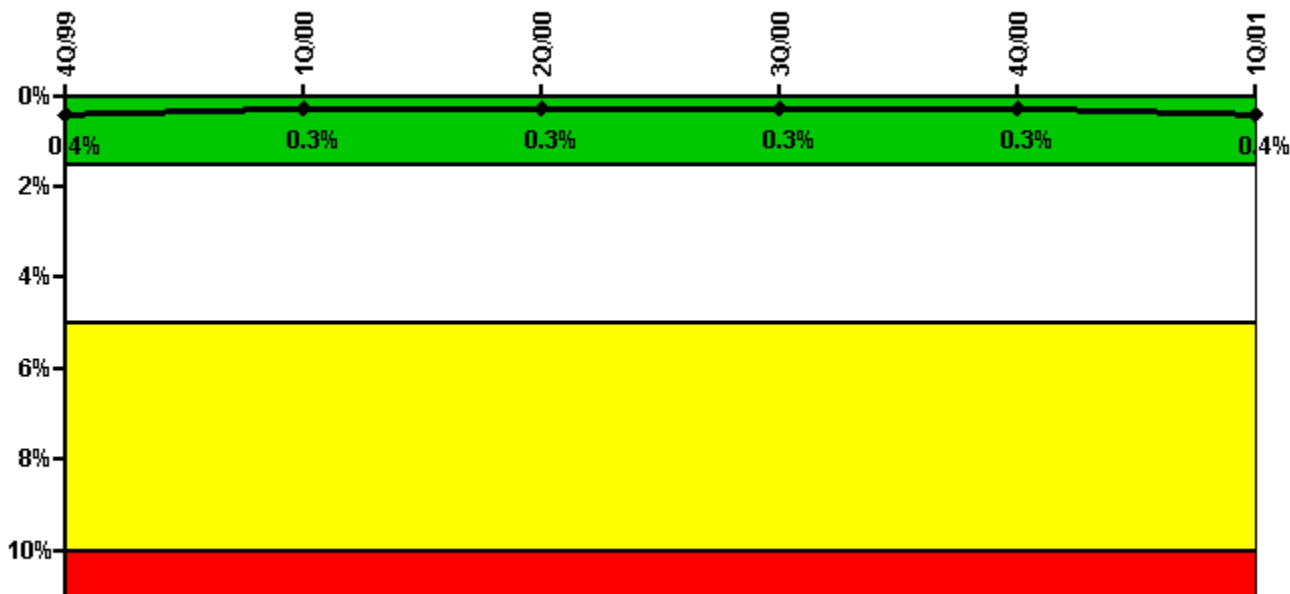
1Q/01: Revised 2Q, 3Q, and 4Q 2000 data to include Reactor Protection System testing hours. Color unaffected.

4Q/00: Reactor Protection System testing hours added with 1Q2001 report. Color unaffected.

3Q/00: Reactor Protection System testing hours added with 1Q2001 report. Color unaffected.

2Q/00: Reactor Protection System testing hours added with 1Q2001 report. Color unaffected.

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	19.40	1.40	2.60	13.50	7.80	19.80
Unplanned unavailable hours	0	0	0	0.60	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Train 2						
Planned unavailable hours	13.30	0	11.60	15.20	6.60	26.30
Unplanned unavailable hours	0	0	0	0	0.30	0.30
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Indicator value	0.4%	0.3%	0.3%	0.3%	0.3%	0.4%

Licensee Comments:

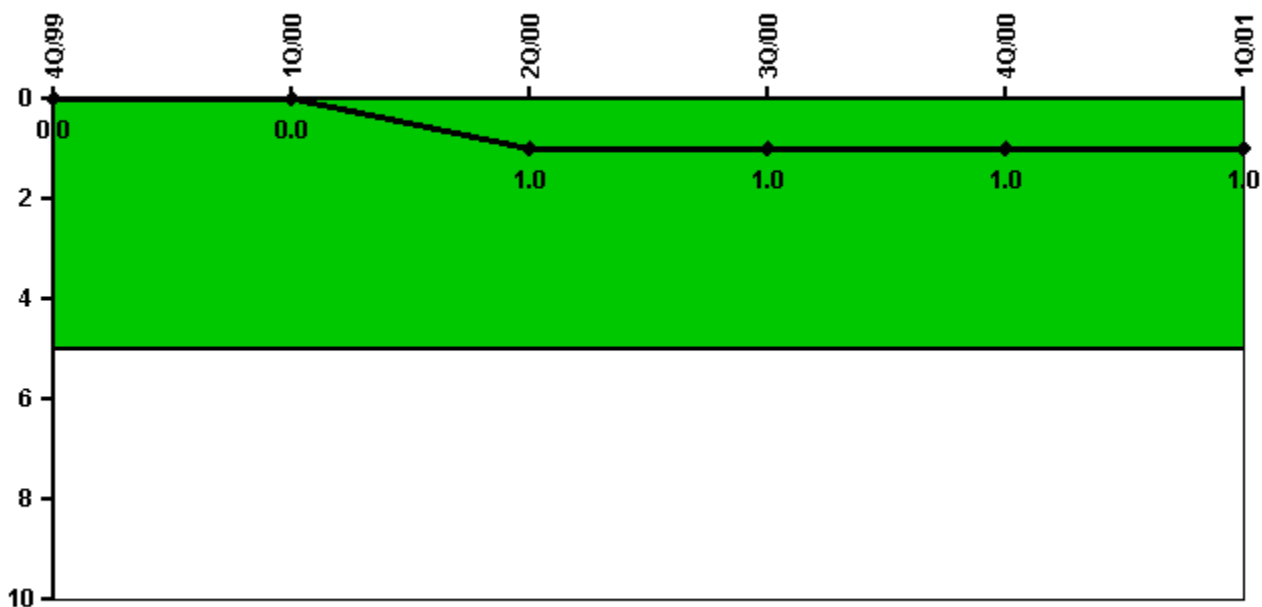
1Q/01: Revised 2Q, 3Q, and 4Q 2000 data to include Reactor Protection System testing hours. Color unaffected.

4Q/00: Reactor Protection System testing hours added with 1Q2001 report. Color unaffected.

3Q/00: Reactor Protection System testing hours added with 1Q2001 report. Color unaffected.

2Q/00: Reactor Protection System testing hours added with 1Q2001 report. Color unaffected.

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

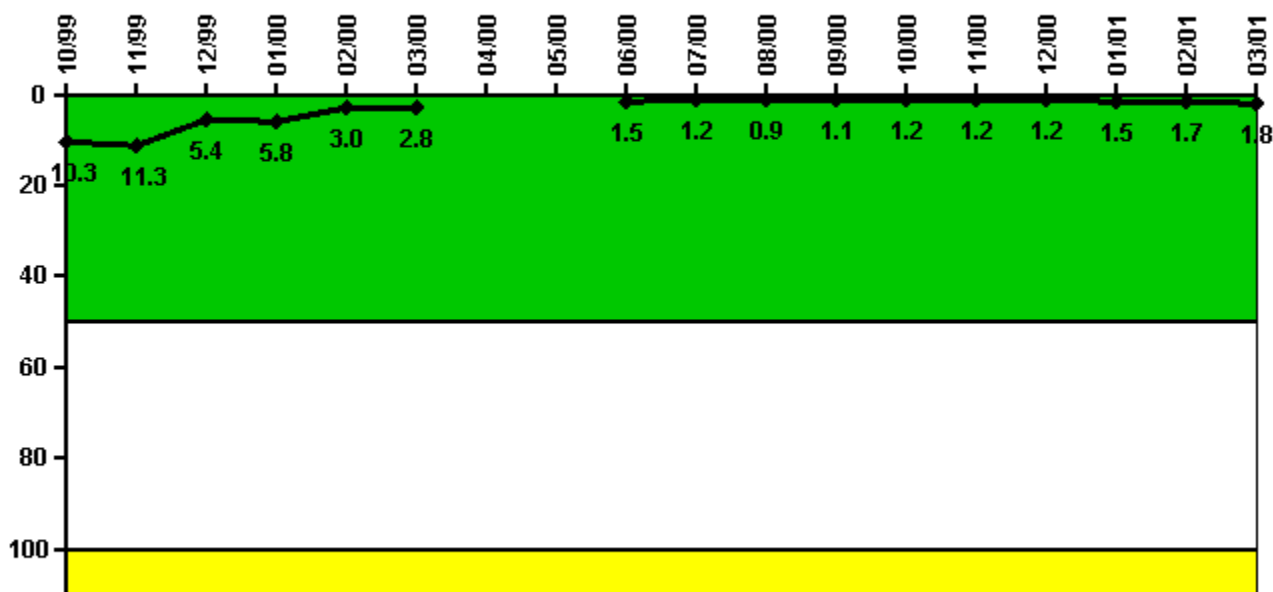
Notes

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

Safety System Functional Failures	0	0	1	0	0	0
Indicator value	0	0	1	1	1	1

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

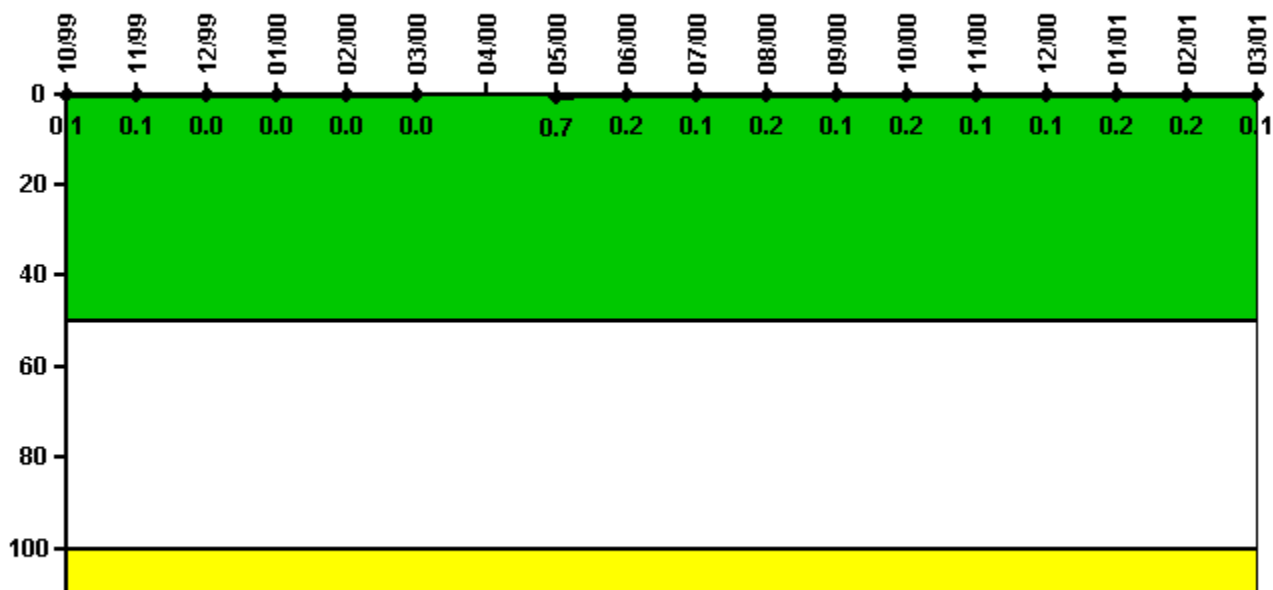
Notes

Reactor Coolant System Activity	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum activity	0.030810	0.033860	0.016180	0.017310	0.009058	0.008488	N/A	N/A	0.007439	0.006018	0.004440	0.005290
Technical specification limit	0.3	0.3	0.3	0.3	0.3	0.3	N/A	0.5	0.5	0.5	0.5	0.5
Indicator value	10.3	11.3	5.4	5.8	3.0	2.8	N/A	N/A	1.5	1.2	0.9	1.1

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01
Maximum activity	0.005990	0.006200	0.005943	0.007291	0.008625	0.009230
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	1.2	1.2	1.2	1.5	1.7	1.8

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

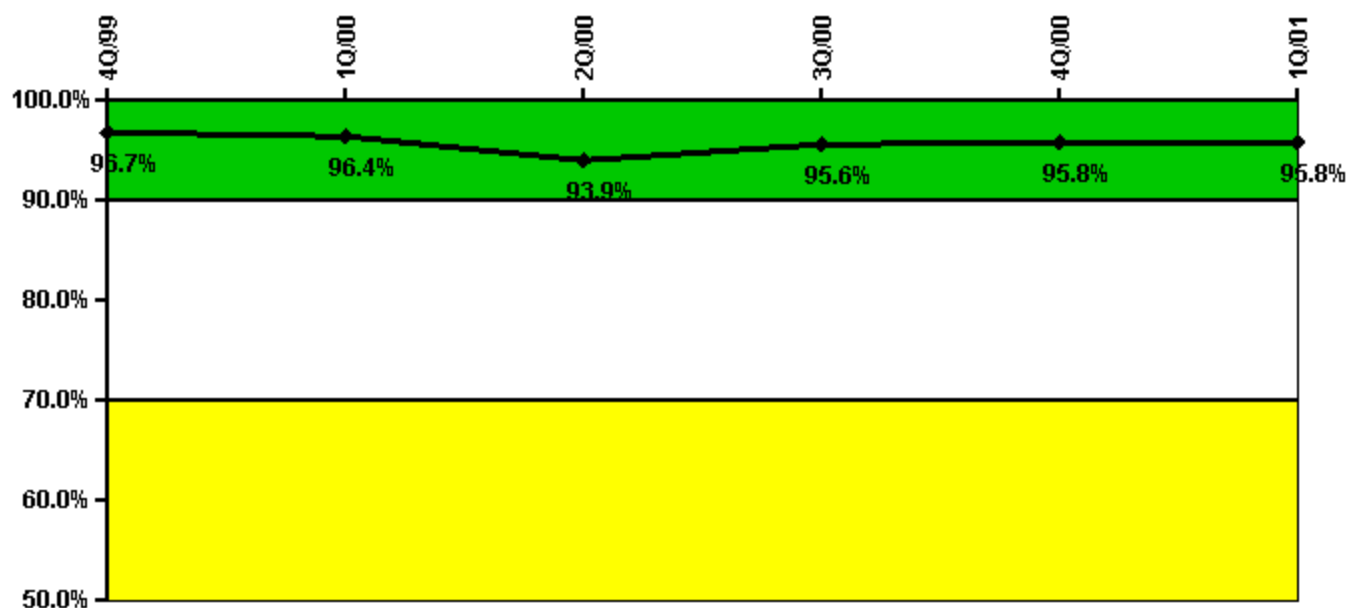
Notes

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	0.007	0.007	0.001	0	0	0	N/A	0.069	0.017	0.012	0.020	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	0.1	0.1	0	0	0	0	N/A	0.7	0.2	0.1	0.2	0.1

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01
Maximum leakage	0.018	0.012	0.012	0.015	0.016	0.012
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.1	0.1	0.2	0.2	0.1

Licensee Comments: none

Drill/Exercise Performance



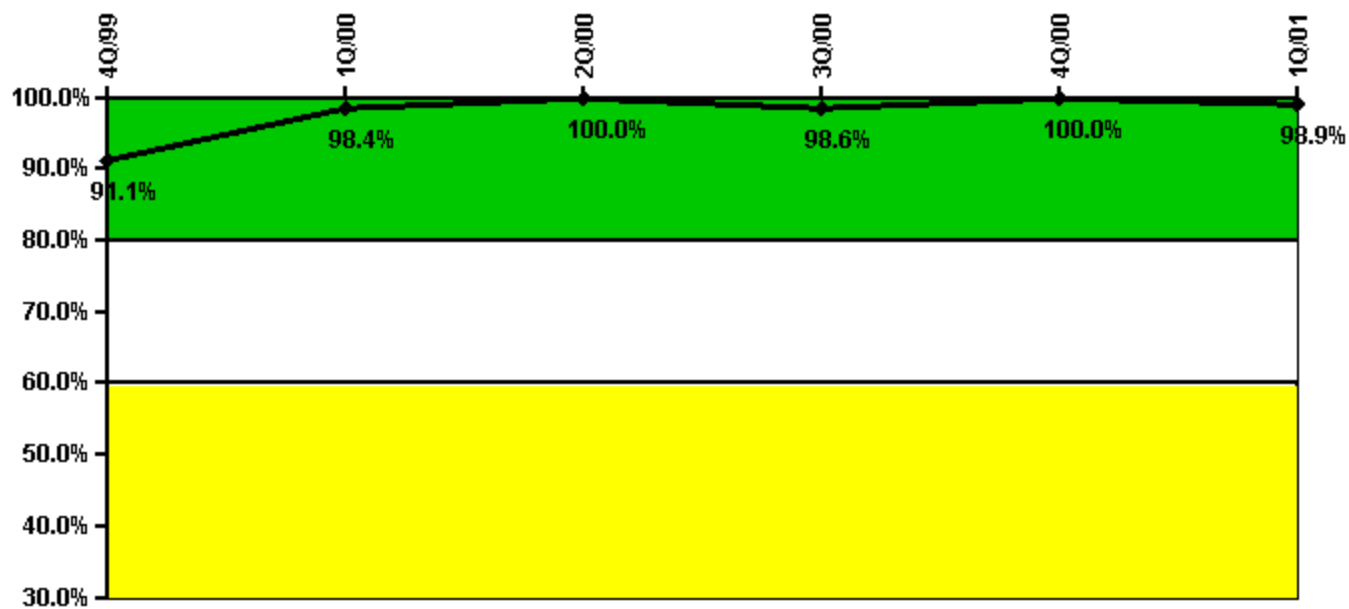
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Successful opportunities	0	6.0	15.0	65.0	56.0	9.0
Total opportunities	0	6.0	18.0	66.0	58.0	10.0
Indicator value	96.7%	96.4%	93.9%	95.6%	95.8%	95.8%

Licensee Comments: none

ERO Drill Participation



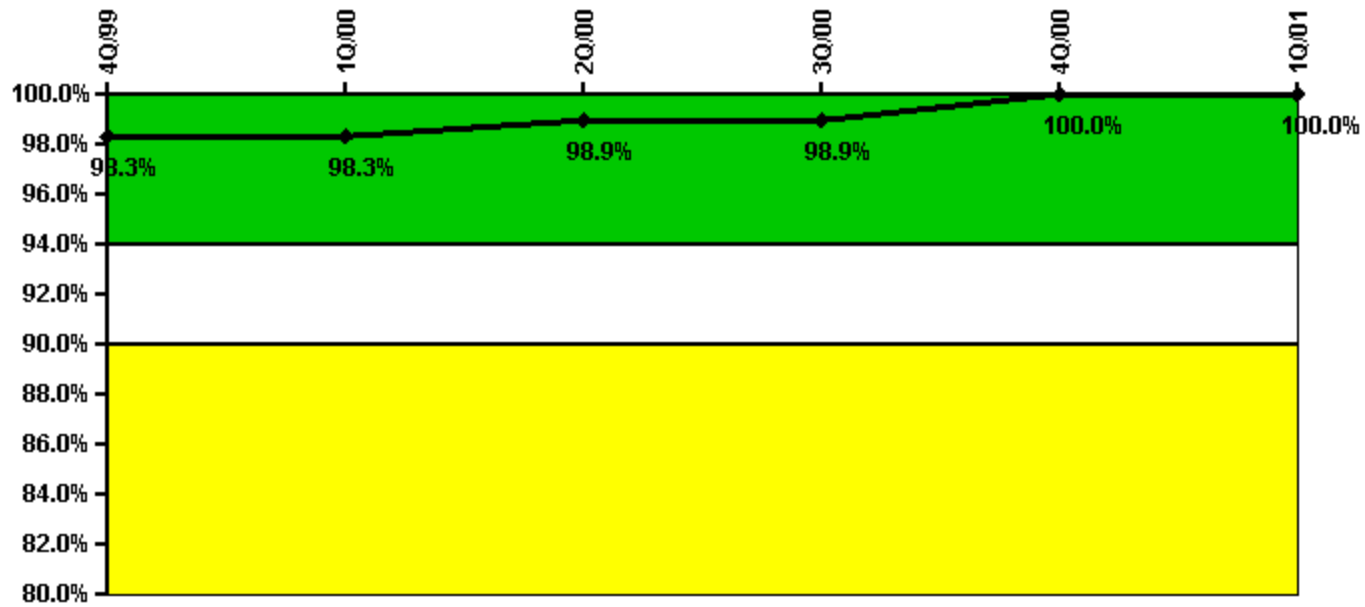
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Participating Key personnel	112.0	121.0	121.0	141.0	103.0	94.0
Total Key personnel	123.0	123.0	121.0	143.0	103.0	95.0
Indicator value	91.1%	98.4%	100.0%	98.6%	100.0%	98.9%

Licensee Comments: none

Alert & Notification System



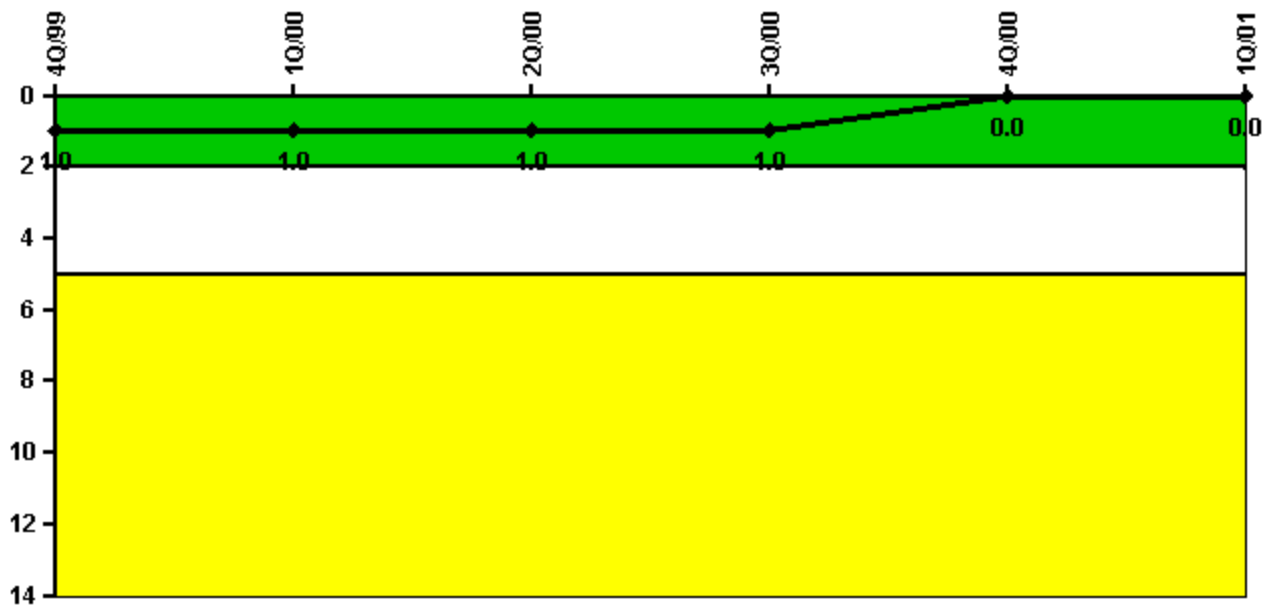
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Successful siren-tests	46	42	48	42	45	42
Total sirens-tests	48	42	48	42	45	42
Indicator value	98.3%	98.3%	98.9%	98.9%	100.0%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/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	1	0	0	0	0	0
Indicator value	1	1	1	1	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent

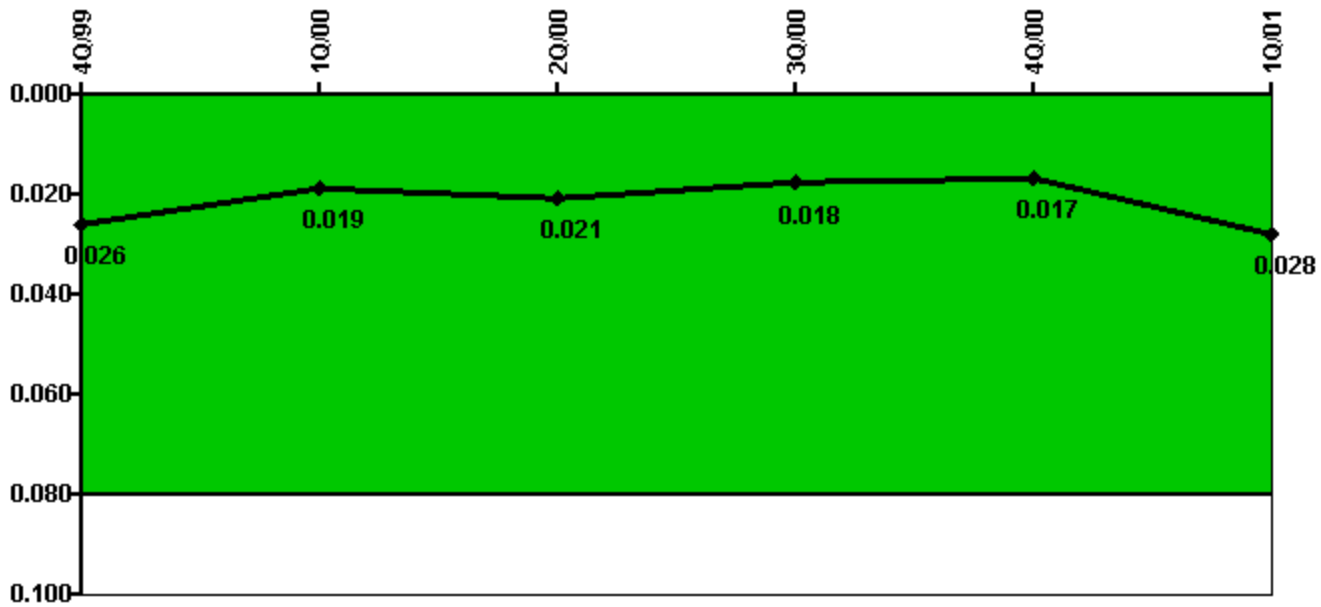
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	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



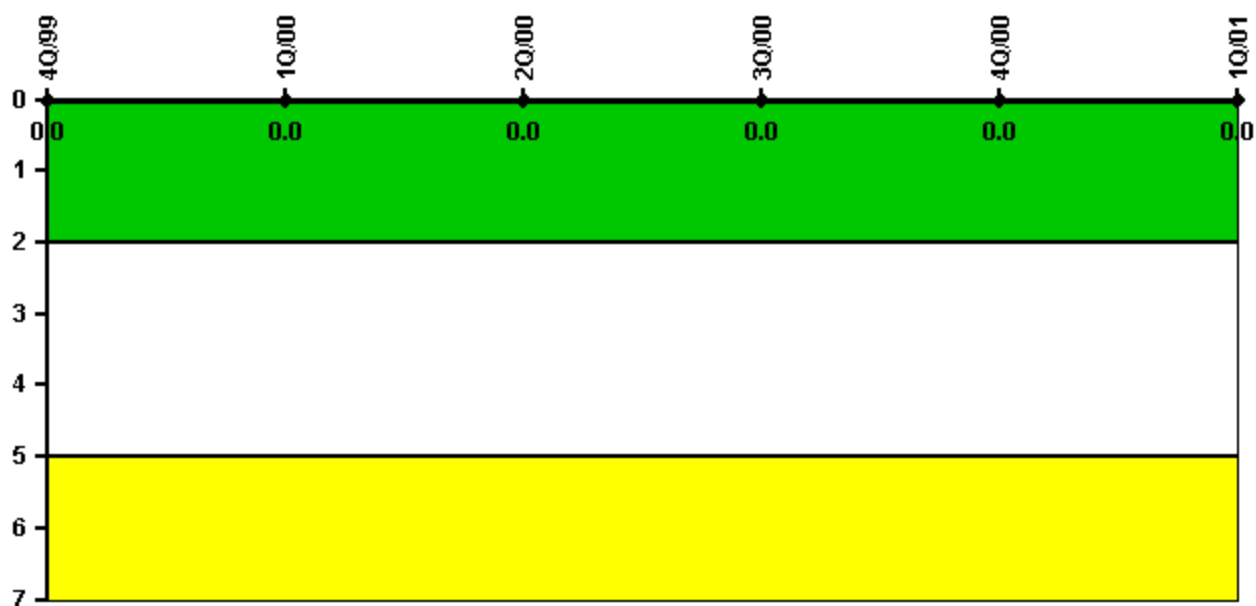
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
IDS compensatory hours	87.50	6.30	231.40	119.10	88.37	172.90
CCTV compensatory hours	35.5	17.0	0	20.7	9.3	136.8
IDS normalization factor	1.70	1.70	1.70	1.70	1.70	1.70
CCTV normalization factor	1.2	1.2	1.2	1.2	1.2	1.2
Index Value	0.026	0.019	0.021	0.018	0.017	0.028

Licensee Comments: none

Personnel Screening Program



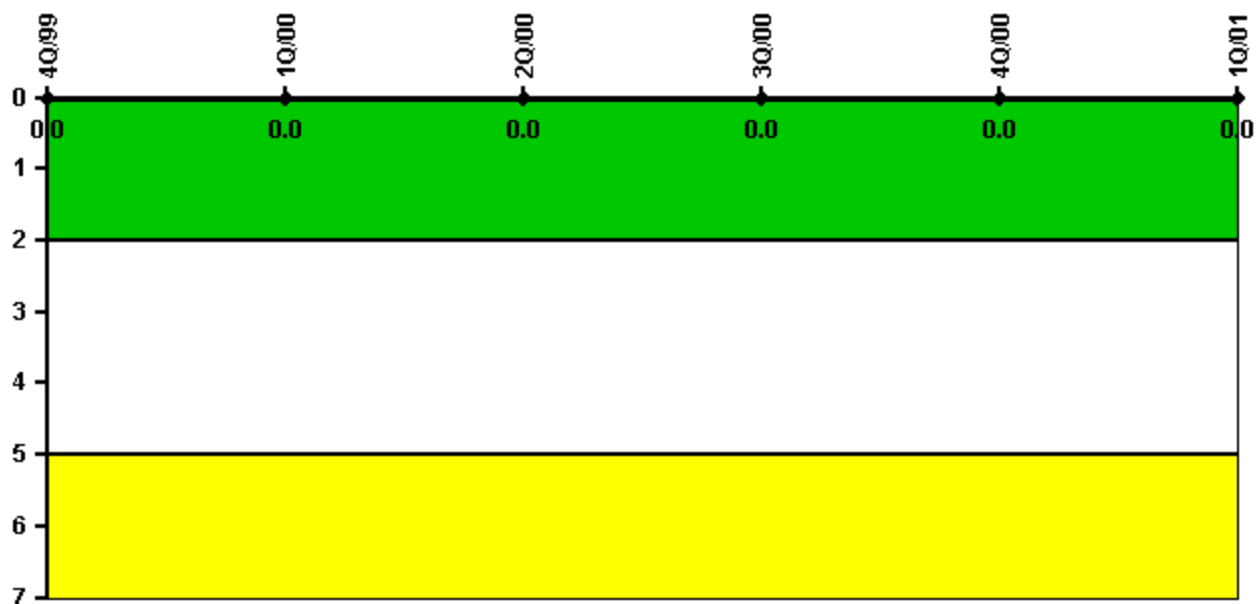
Thresholds: White > 2.0 Yellow > 5.0

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](#)

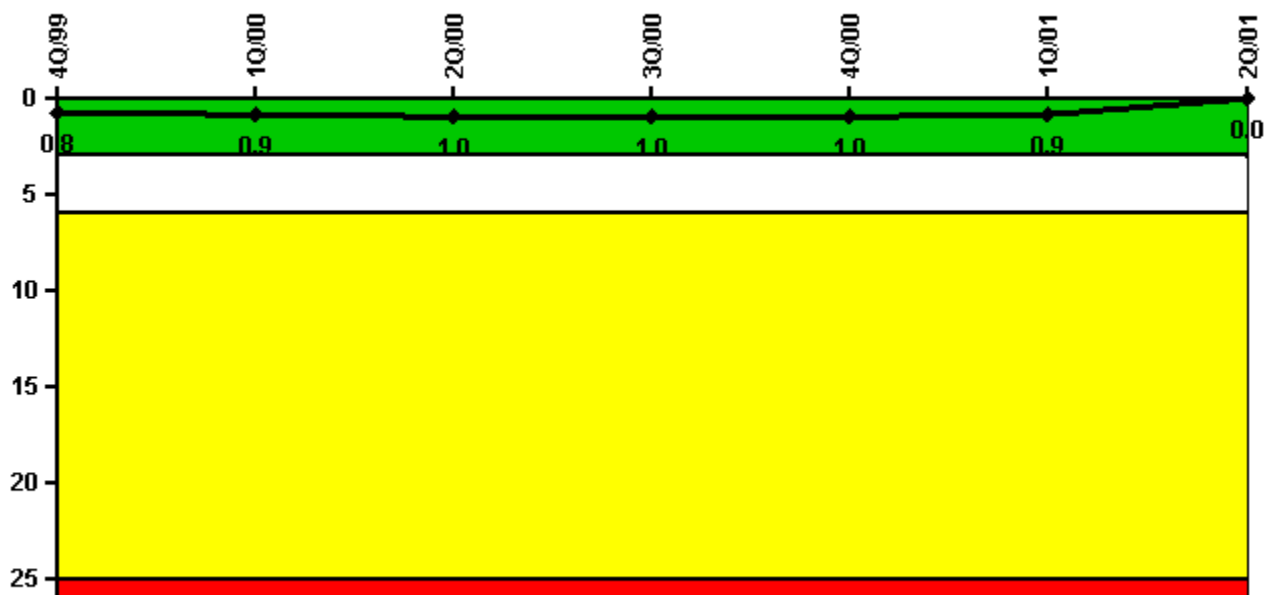
Last Modified: March 28, 2002

Farley 1

2Q/2001 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



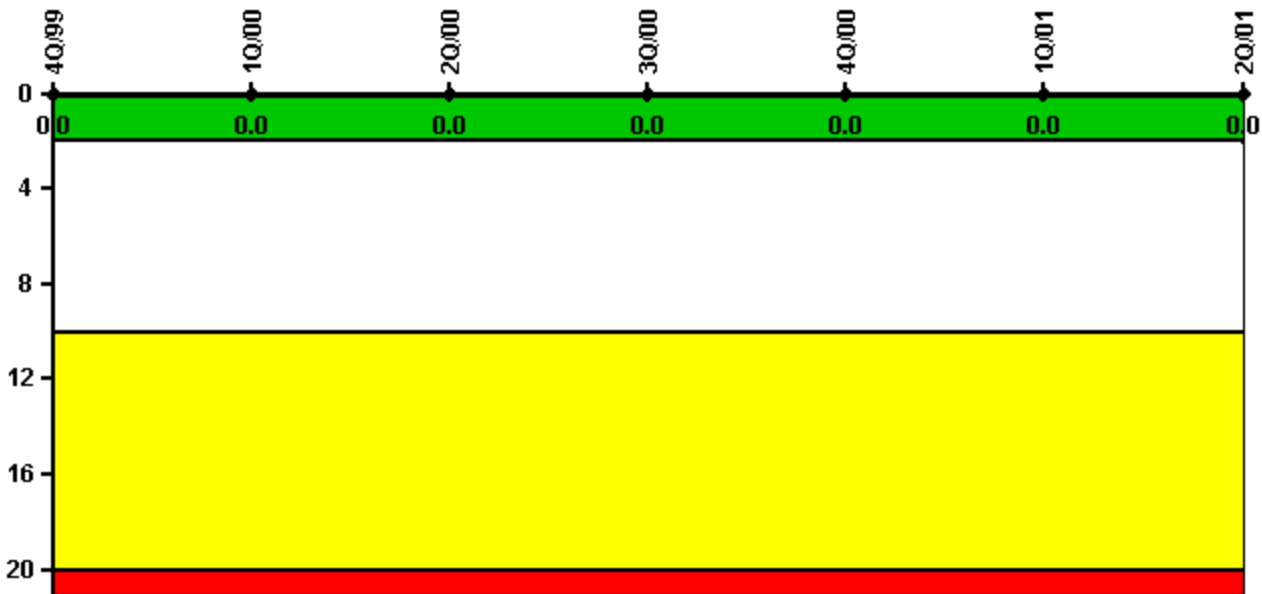
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Unplanned scrams	0	0	1.0	0	0	0	0
Critical hours	2209.0	1512.6	882.7	2208.0	2209.0	2160.0	2183.0
Indicator value	0.8	0.9	1.0	1.0	1.0	0.9	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



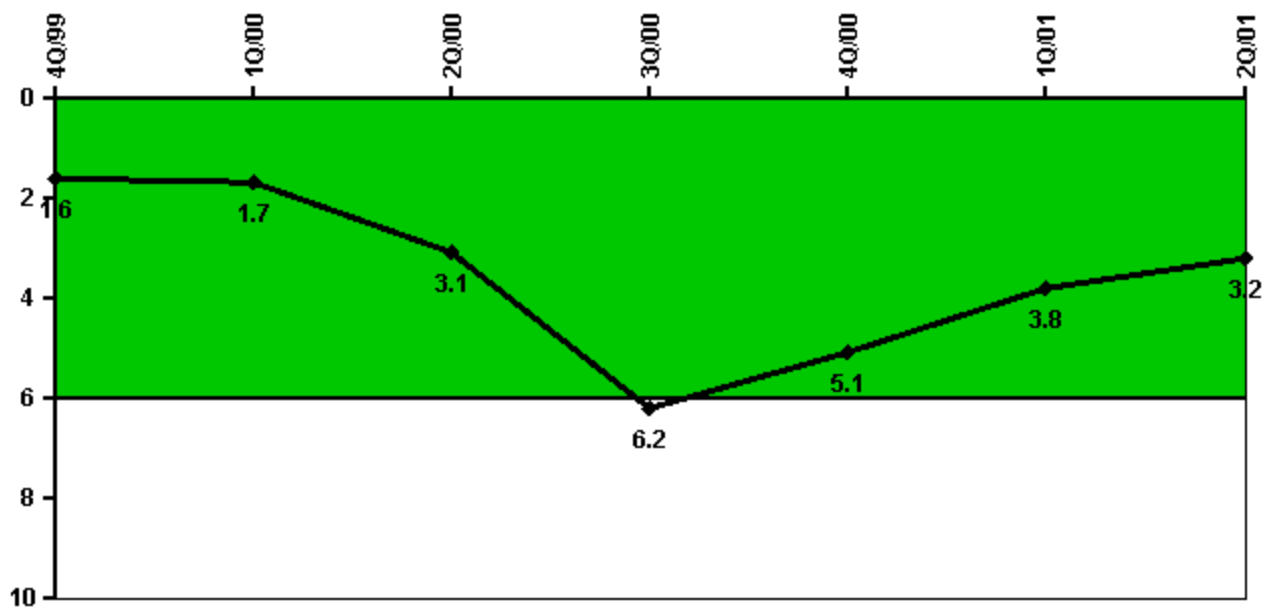
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

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	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



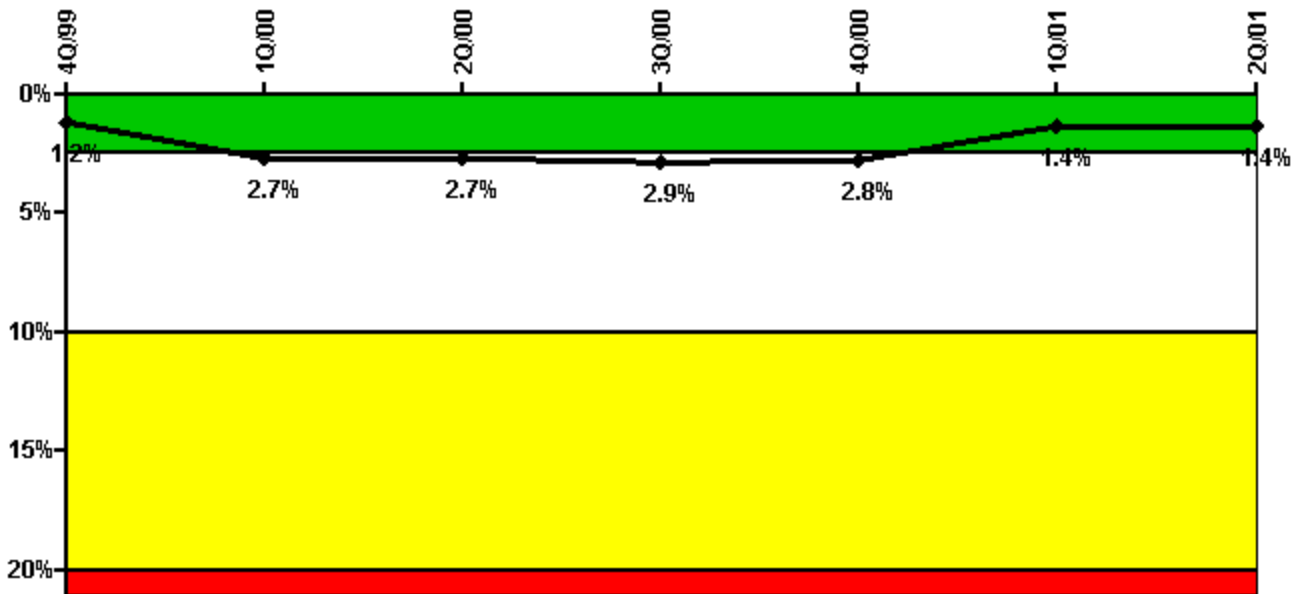
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Unplanned power changes	1.0	1.0	1.0	3.0	0	0	1.0
Critical hours	2209.0	1512.6	882.7	2208.0	2209.0	2160.0	2183.0
Indicator value	1.6	1.7	3.1	6.2	5.1	3.8	3.2

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



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

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	1.00	17.10	8.00	132.50	193.50	124.90	1.30
Unplanned unavailable hours	0	0	0	0.60	0	0.30	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2							
Planned unavailable hours	0	0	3.20	0	0.80	11.90	24.80
Unplanned unavailable hours	0	0	0	0	11.10	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 3							
Planned unavailable hours	4.60	0	0	0	0.70	1.30	1.00
Unplanned unavailable hours	6.90	0	0	13.50	0	0	0
Fault exposure hours	0	1228.50	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	1215.90	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	1.2%	2.7%	2.7%	2.9%	2.8%	1.4%	1.4%

Licensee Comments:

2Q/01: Added 123.3 hours planned unavailability to January 2001 Train A data. Color unaffected.

1Q/01: Q2 2001 added 123.3 hours planned unavailability to January 2001 Train A previously omitted. Color unaffected.

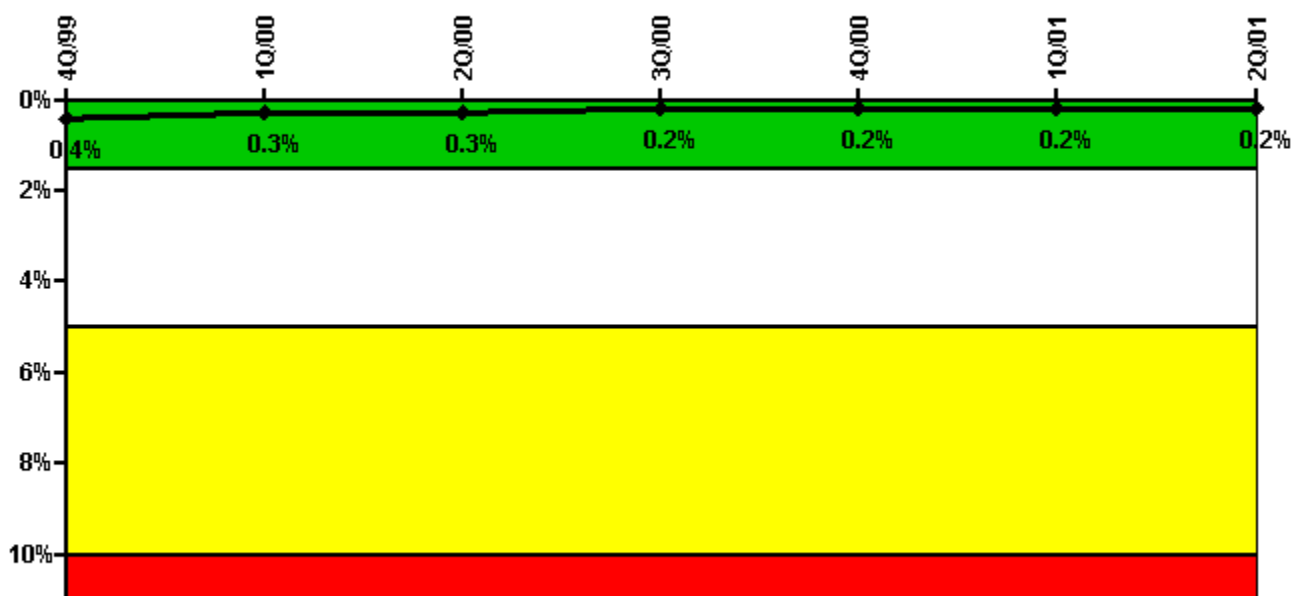
1Q/01: Q1 2000 Train 3 Fault Exposure Hours Removed. 12.6 hours planned unavailability for same train replaced. Color returns to Green. Q2 2001 added 123.3 hours planned unavailability to January 2001 Train A previously omitted. Color unaffected.

1Q/00: One of 3 diesel generators unavailable due to lack of automatic power transfer capability. DG was operable per Technical Specifications. Reasonable operator action not credited under this indicator. WHITE entry.

Effective Reset Comments:

1Q/01: Previously reset hours were reset under new process.

Safety System Unavailability, High Pressure Injection System (HPSI)



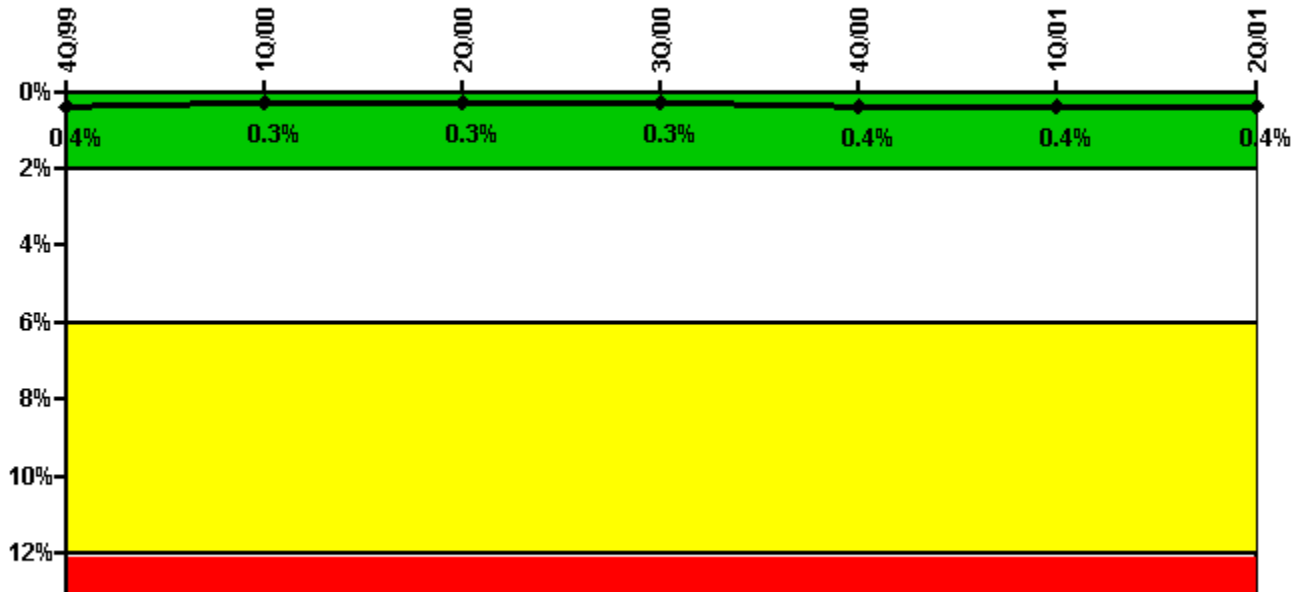
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	0	0	2.20	5.40	6.40	5.70	4.40
Unplanned unavailable hours	0	0	0	0.60	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	1512.60	882.70	2208.00	2209.00	2160.00	2183.00
Train 2							
Planned unavailable hours	0	0	6.80	3.30	6.20	5.60	9.00
Unplanned unavailable hours	0	0	0	0	0.30	0.30	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	1512.60	882.70	2208.00	2209.00	2160.00	2183.00
Indicator value	0.4%	0.3%	0.3%	0.2%	0.2%	0.2%	0.2%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



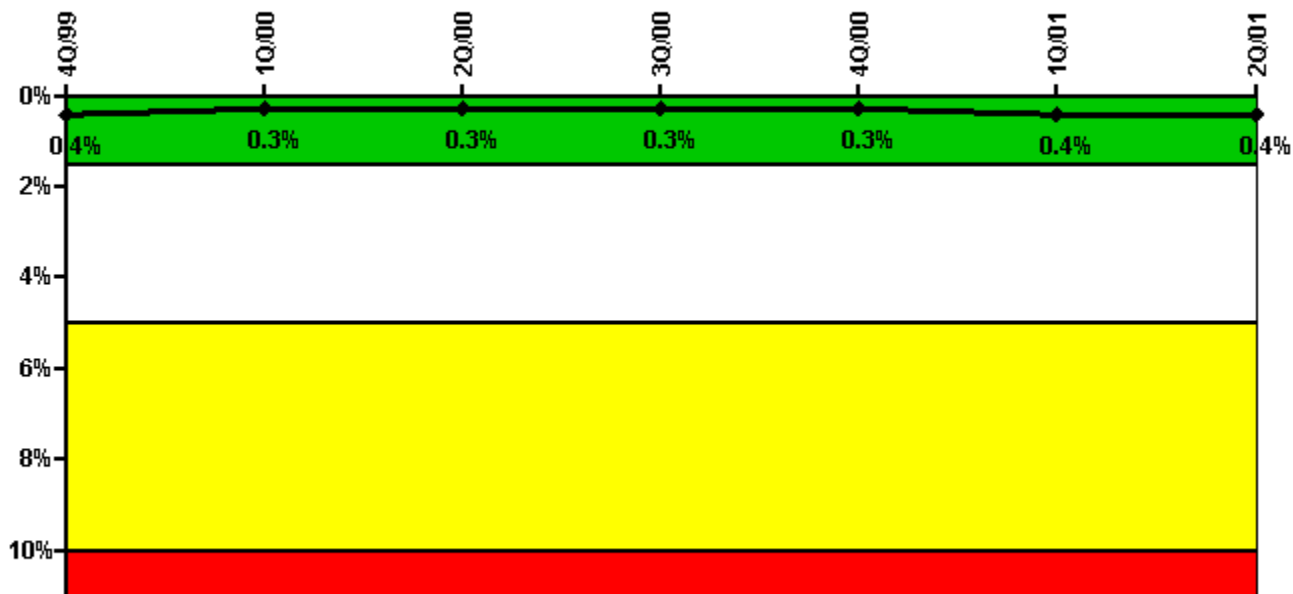
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	0	1.10	4.60	6.00	17.70	5.70	4.40
Unplanned unavailable hours	0	0	0	0.60	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	1512.60	882.70	2208.00	2209.00	2160.00	2183.00
Train 2							
Planned unavailable hours	0	0.40	9.20	3.90	7.30	7.30	2.60
Unplanned unavailable hours	0	0	0	0	0.30	0.40	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	1512.60	882.70	2208.00	2209.00	2160.00	2183.00
Train 3							
Planned unavailable hours	16.00	0.90	0	1.50	38.10	2.00	0.50
Unplanned unavailable hours	0	0	0	0	0	16.00	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	1512.60	882.70	2208.00	2209.00	2160.00	2183.00
Indicator value	0.4%	0.3%	0.3%	0.3%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



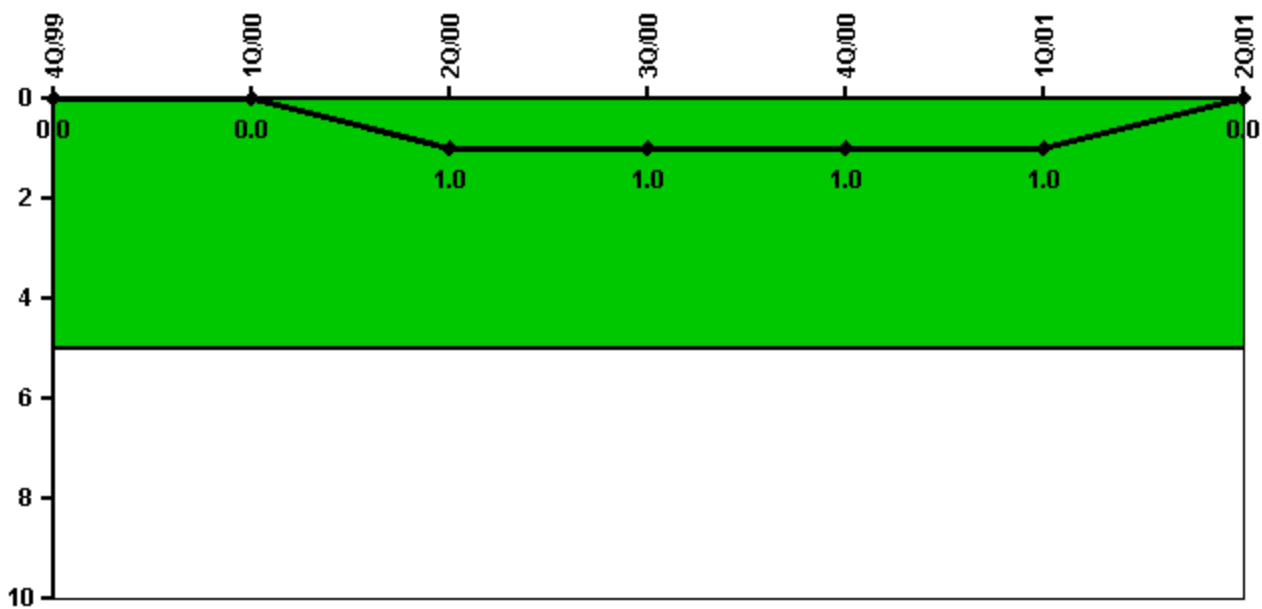
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	19.40	1.40	2.60	13.50	7.80	19.80	20.70
Unplanned unavailable hours	0	0	0	0.60	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2							
Planned unavailable hours	13.30	0	11.60	15.20	6.60	26.30	9.40
Unplanned unavailable hours	0	0	0	0	0.30	0.30	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	0.4%	0.3%	0.3%	0.3%	0.3%	0.4%	0.4%

Licensee Comments: none

Safety System Functional Failures (PWR)



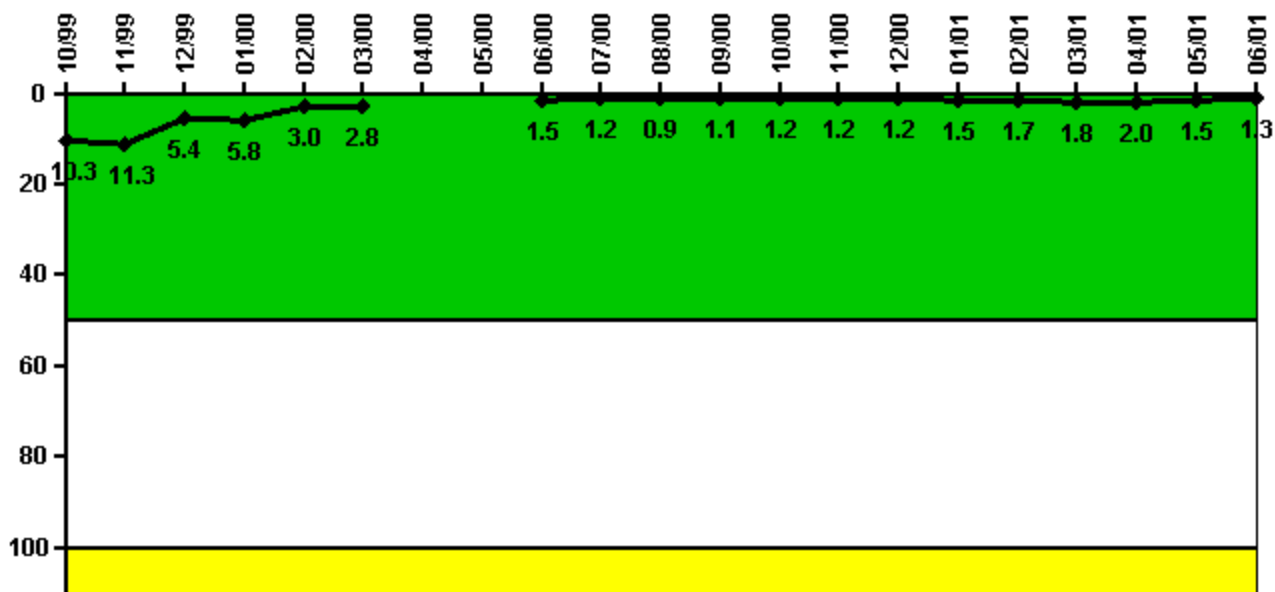
Thresholds: White > 5.0

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

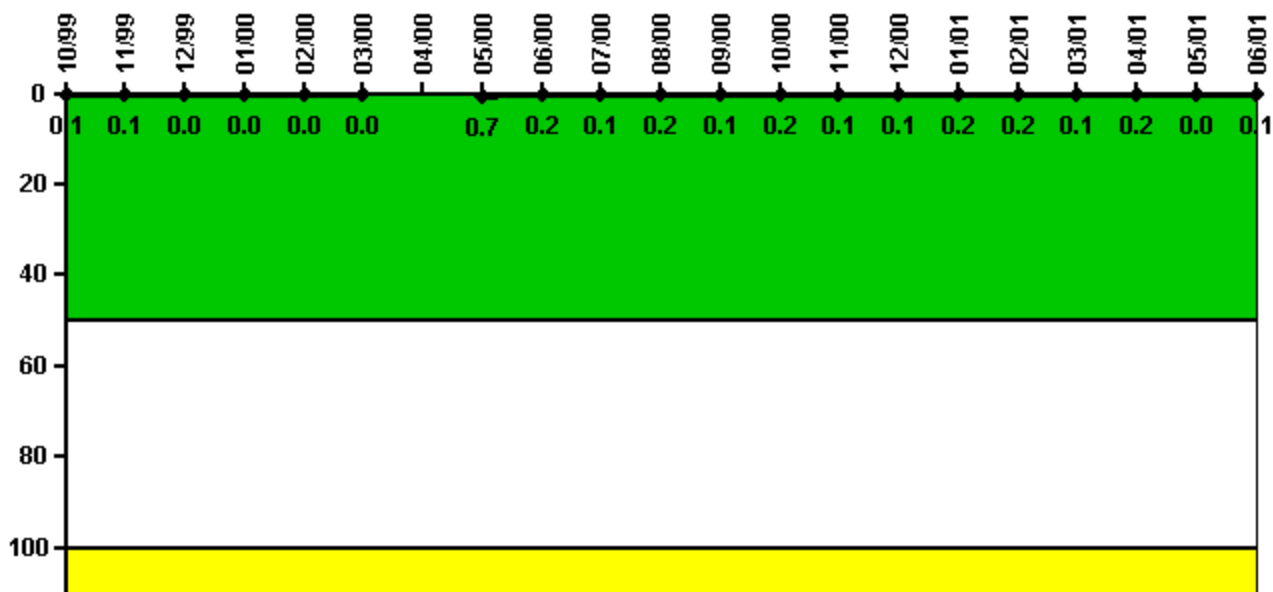
Notes

Reactor Coolant System Activity	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	0.030810	0.033860	0.016180	0.017310	0.009058	0.008488	N/A	N/A	0.007439	0.006018	0.004440	0.005290
Technical specification limit	0.3	0.3	0.3	0.3	0.3	0.3	N/A	0.5	0.5	0.5	0.5	0.5
Indicator value	10.3	11.3	5.4	5.8	3.0	2.8	N/A	N/A	1.5	1.2	0.9	1.1

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum activity	0.005990	0.006200	0.005943	0.007291	0.008625	0.009230	0.010230	0.007577	0.006459
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	1.2	1.2	1.2	1.5	1.7	1.8	2.0	1.5	1.3

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

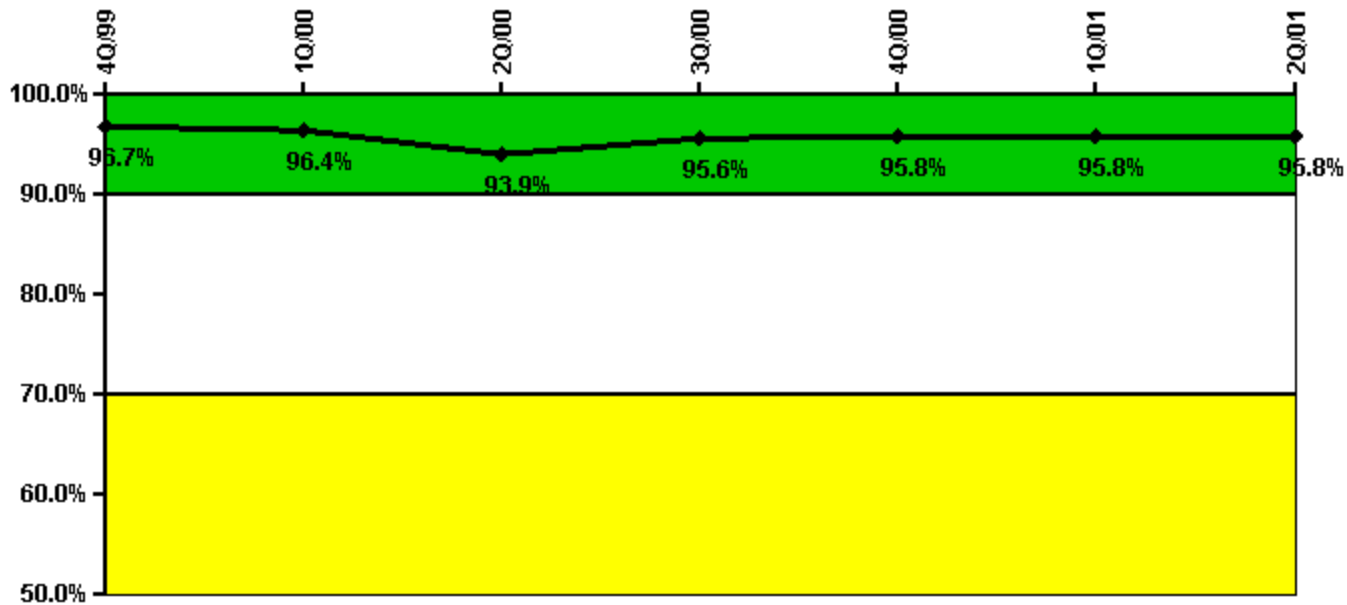
Notes

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	0.007	0.007	0.001	0	0	0	N/A	0.069	0.017	0.012	0.020	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	0.1	0.1	0	0	0	0	N/A	0.7	0.2	0.1	0.2	0.1

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum leakage	0.018	0.012	0.012	0.015	0.016	0.012	0.018	0	0.012
Technical specification limit	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	0.2	0.1	0.2	0	0.1

Licensee Comments: none

Drill/Exercise Performance



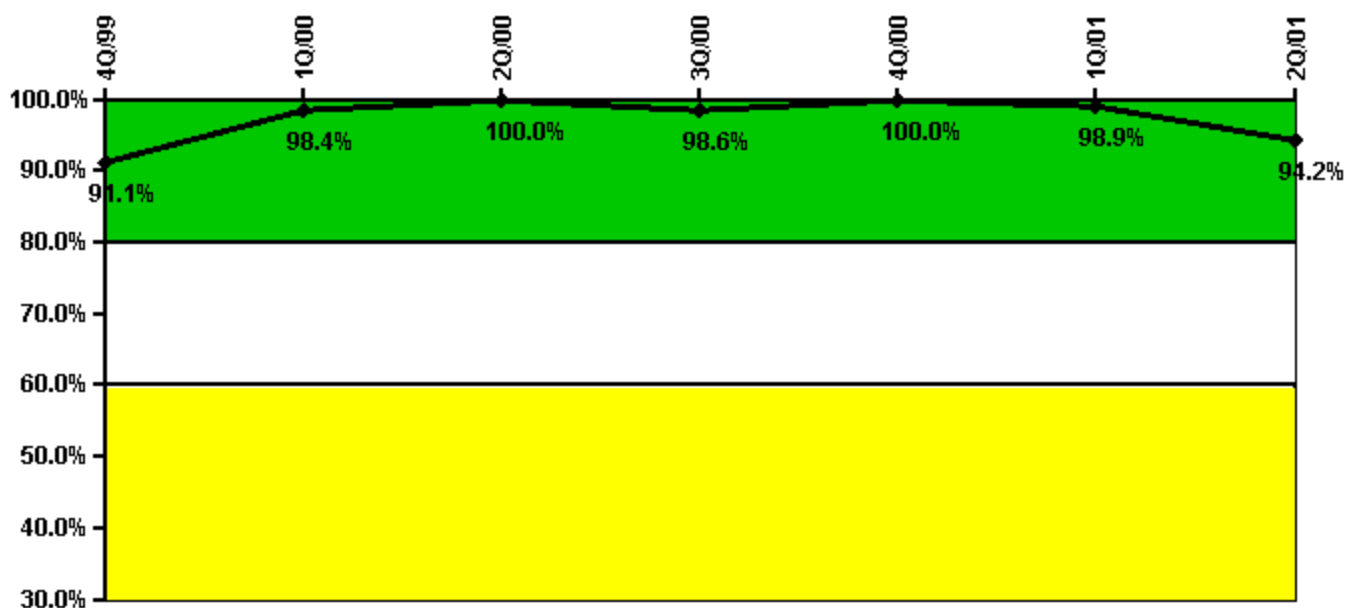
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Successful opportunities	0	6.0	15.0	65.0	56.0	9.0	37.0
Total opportunities	0	6.0	18.0	66.0	58.0	10.0	38.0
Indicator value	96.7%	96.4%	93.9%	95.6%	95.8%	95.8%	95.8%

Licensee Comments: none

ERO Drill Participation



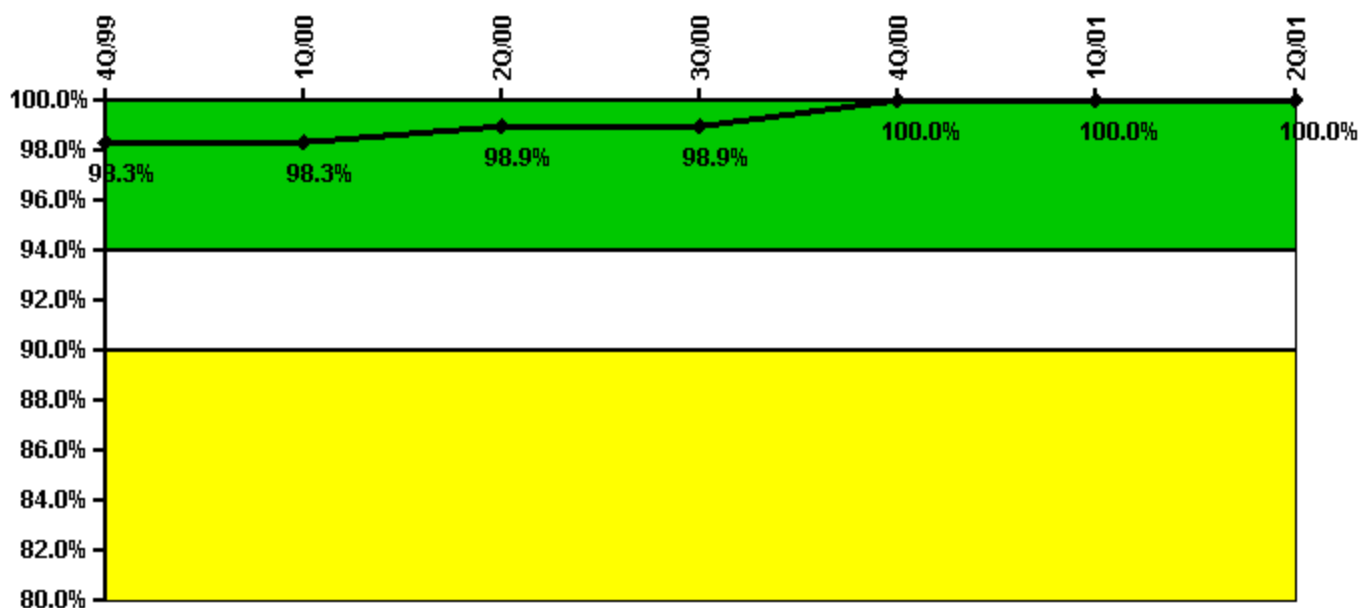
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Participating Key personnel	112.0	121.0	121.0	141.0	103.0	94.0	97.0
Total Key personnel	123.0	123.0	121.0	143.0	103.0	95.0	103.0
Indicator value	91.1%	98.4%	100.0%	98.6%	100.0%	98.9%	94.2%

Licensee Comments: none

Alert & Notification System



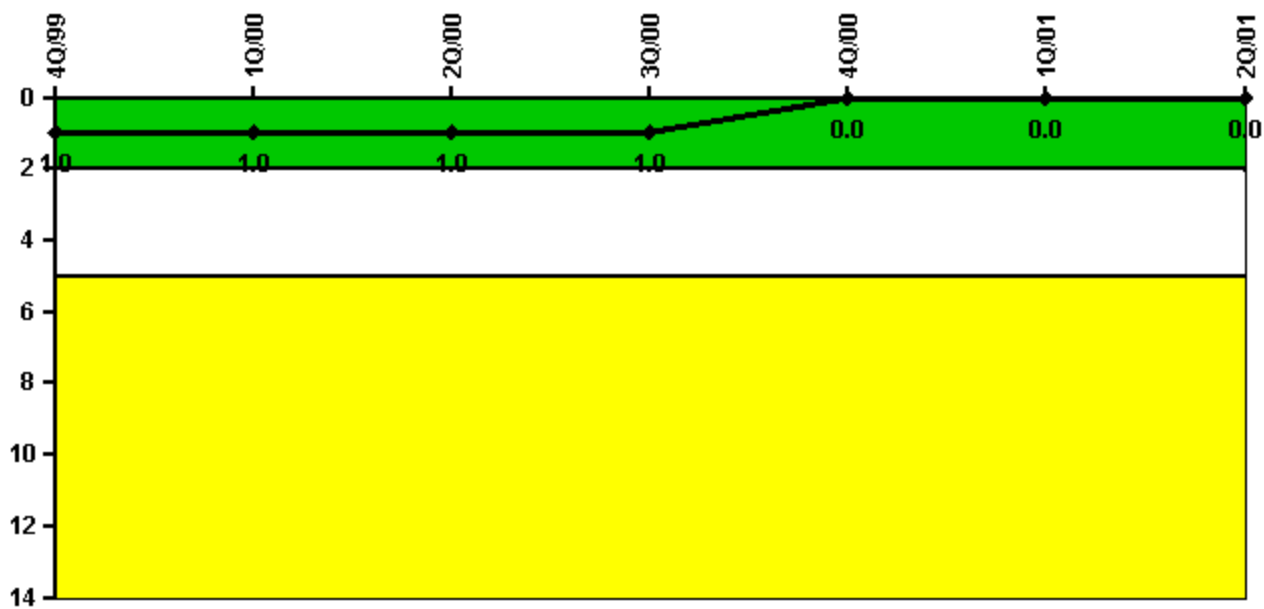
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Successful siren-tests	46	42	48	42	45	42	45
Total sirens-tests	48	42	48	42	45	42	45
Indicator value	98.3%	98.3%	98.9%	98.9%	100.0%	100.0%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



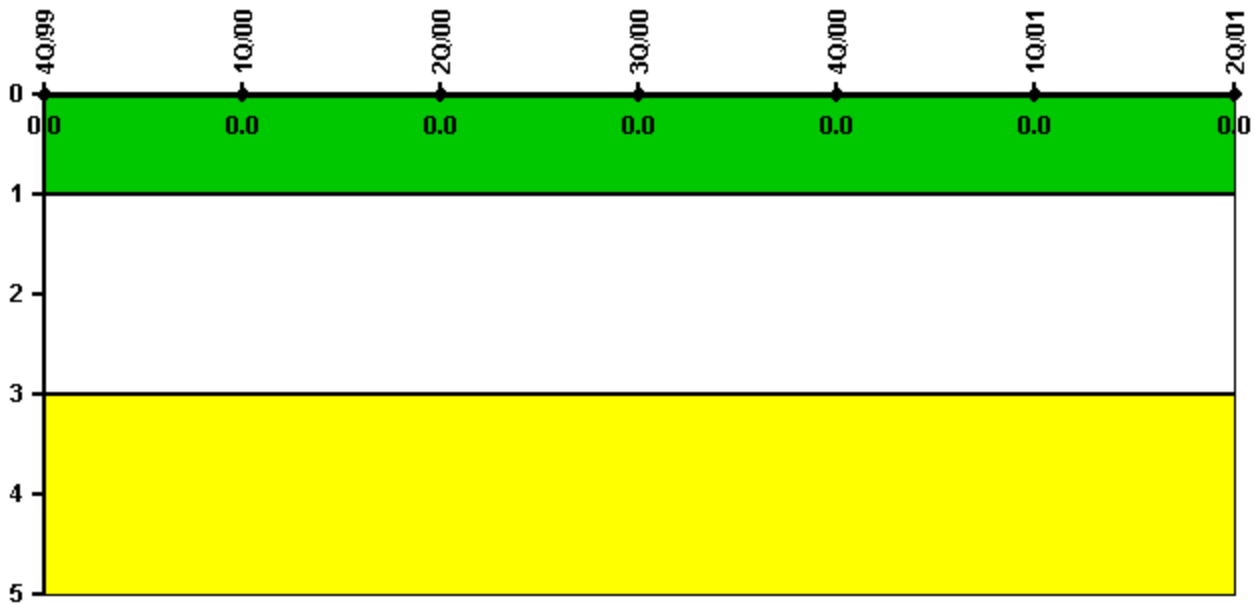
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

RETS/ODCM Radiological Effluent



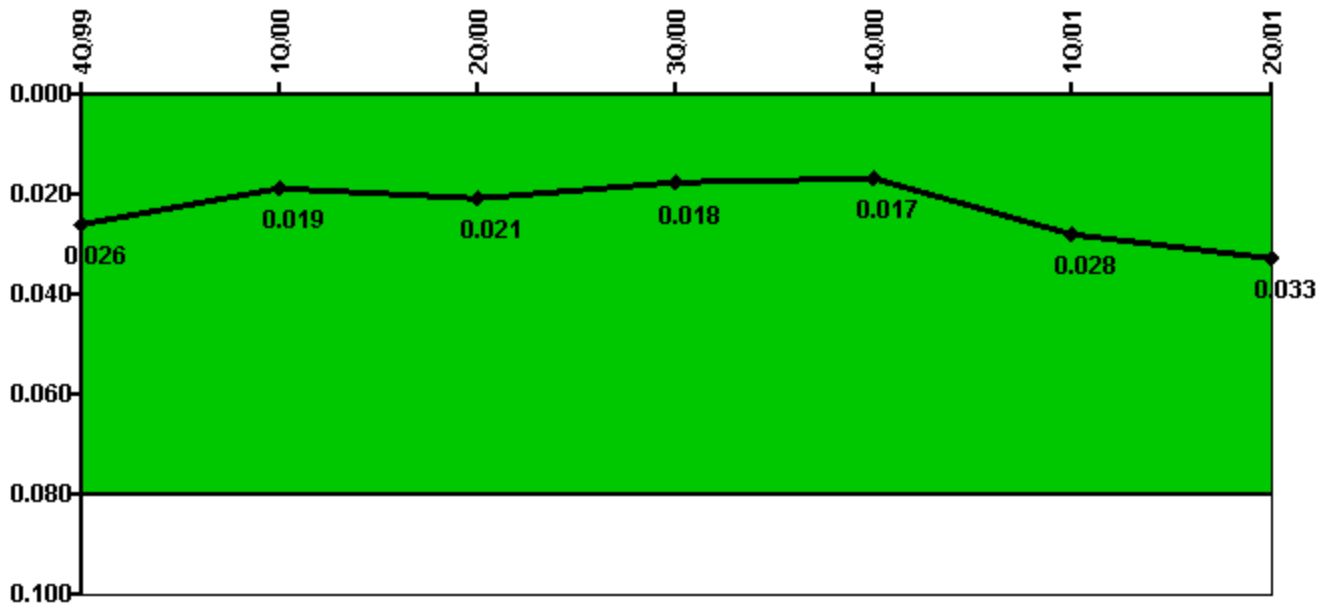
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/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



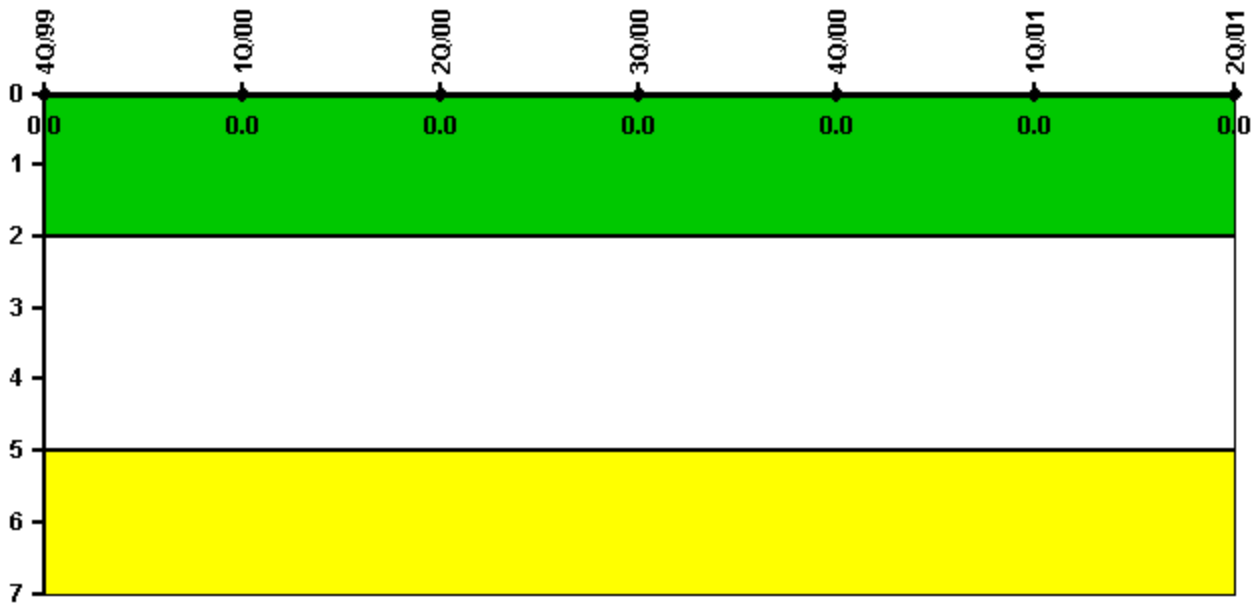
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
IDS compensatory hours	87.50	6.30	231.40	119.10	88.37	172.90	70.80
CCTV compensatory hours	35.5	17.0	0	20.7	9.3	136.8	216.4
IDS normalization factor	1.70	1.70	1.70	1.70	1.70	1.70	1.70
CCTV normalization factor	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Index Value	0.026	0.019	0.021	0.018	0.017	0.028	0.033

Licensee Comments: none

Personnel Screening Program



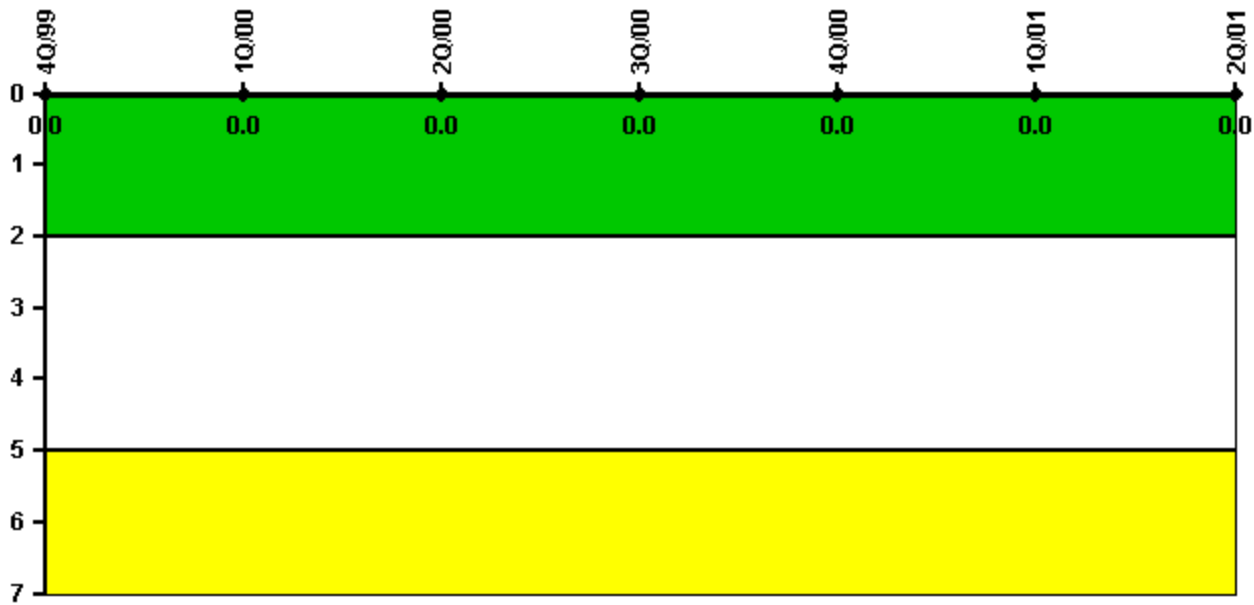
Thresholds: White > 2.0 Yellow > 5.0

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](#)

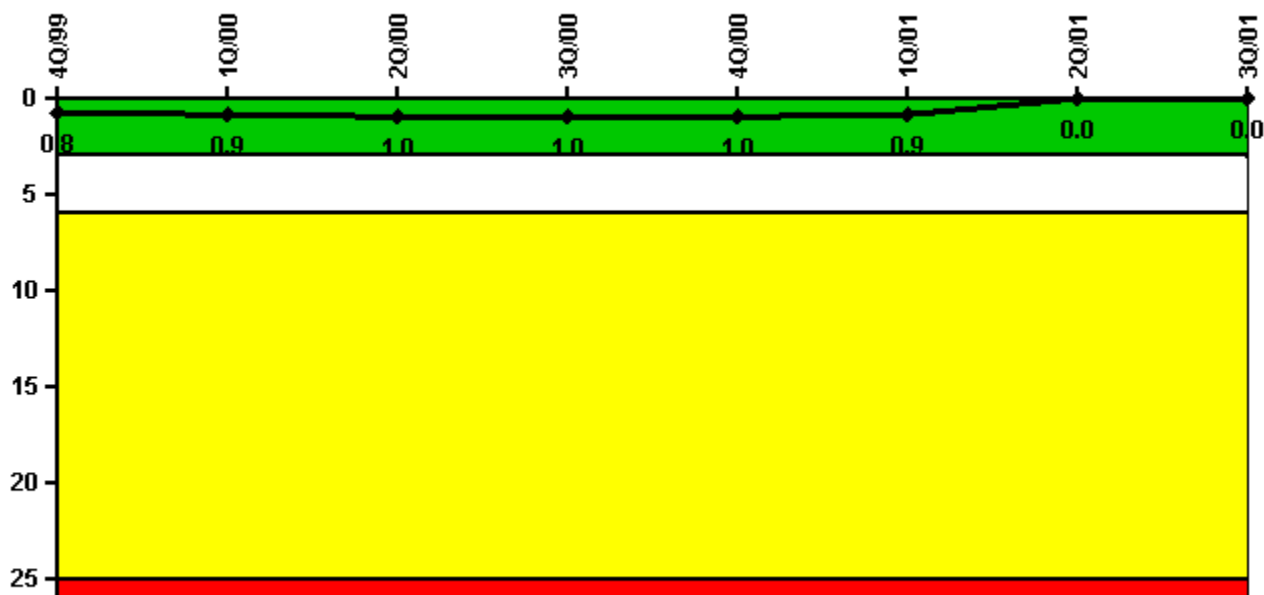
Last Modified: March 27, 2002

Farley 1

3Q/2001 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Unplanned scrams	0	0	1.0	0	0	0	0	0
Critical hours	2209.0	1512.6	882.7	2208.0	2209.0	2160.0	2183.0	2208.0
Indicator value	0.8	0.9	1.0	1.0	1.0	0.9	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



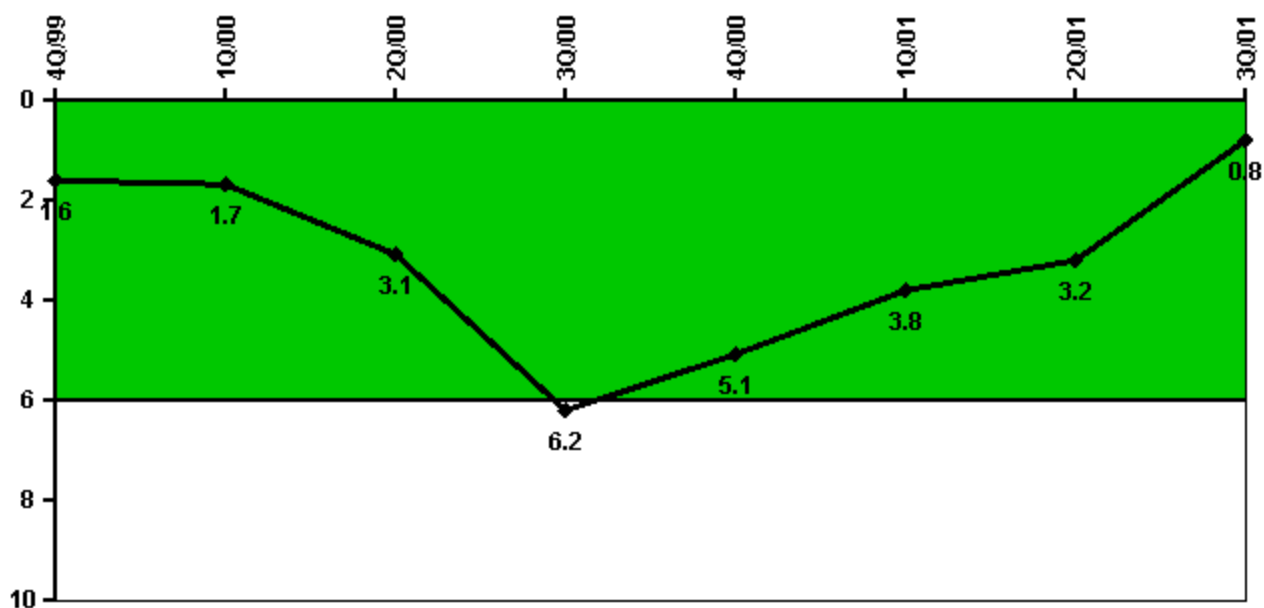
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



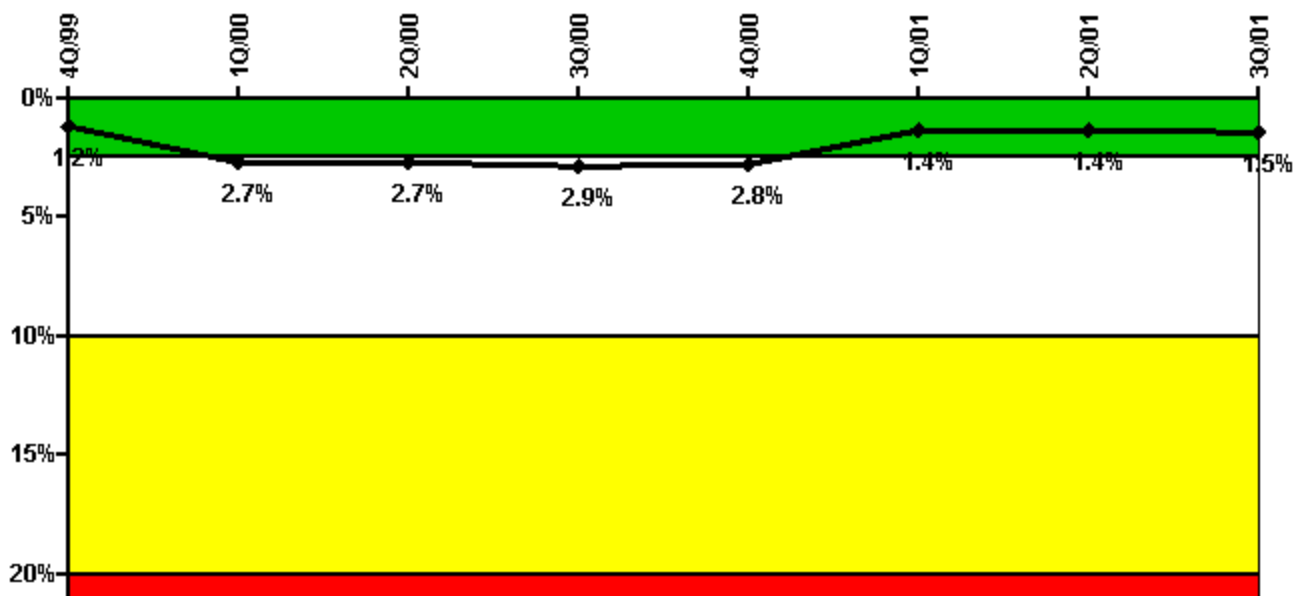
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Unplanned power changes	1.0	1.0	1.0	3.0	0	0	1.0	0
Critical hours	2209.0	1512.6	882.7	2208.0	2209.0	2160.0	2183.0	2208.0
Indicator value	1.6	1.7	3.1	6.2	5.1	3.8	3.2	0.8

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



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

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1								
Planned unavailable hours	1.00	17.10	8.00	132.50	193.50	124.90	1.30	20.30
Unplanned unavailable hours	0	0	0	0.60	0	0.30	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	0	0	3.20	0	0.80	11.90	24.80	0.80
Unplanned unavailable hours	0	0	0	0	11.10	0	0	121.10
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 3								
Planned unavailable hours	4.60	0	0	0	0.70	1.30	1.00	1.30
Unplanned unavailable hours	6.90	0	0	13.50	0	0	0	0
Fault exposure hours	0	1228.50	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	1215.90	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	1.2%	2.7%	2.7%	2.9%	2.8%	1.4%	1.4%	1.5%

Licensee Comments:

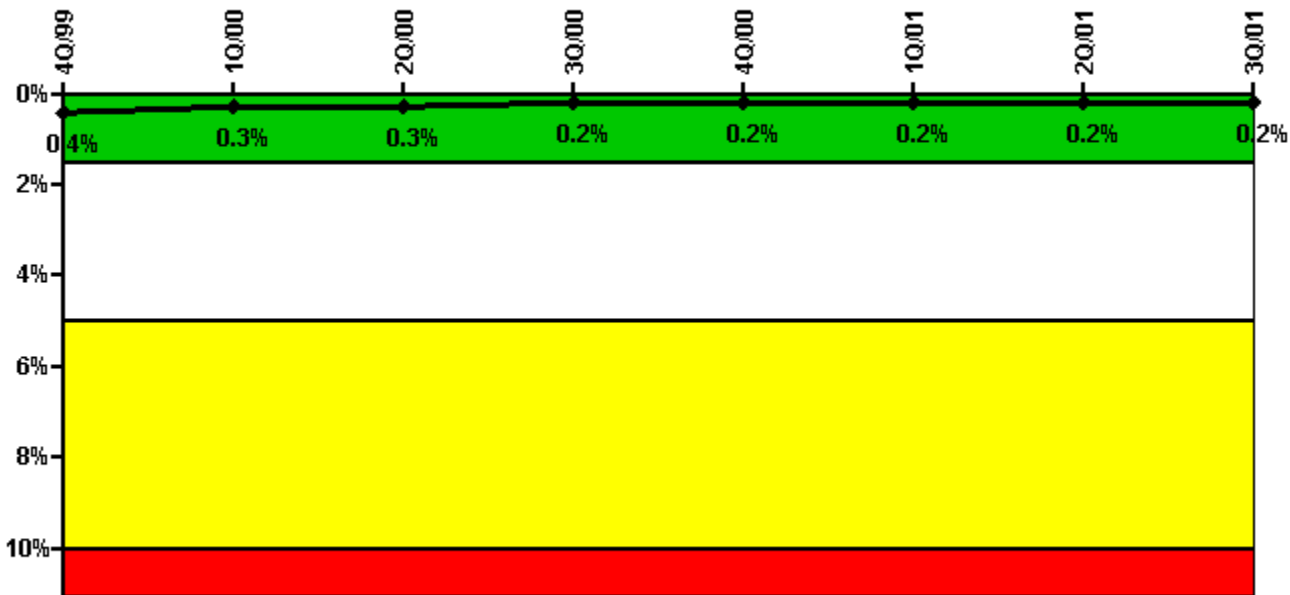
1Q/01: Q2 2001 added 123.3 hours planned unavailability to January 2001 Train A previously omitted. Color unaffected.

1Q/00: One of 3 diesel generators unavailable due to lack of automatic power transfer capability. DG was operable per Technical Specifications. Reasonable operator action not credited under this indicator. WHITE entry.

Effective Reset Comments:

1Q/01: Previously reset hours were reset under new process.

Safety System Unavailability, High Pressure Injection System (HPSI)



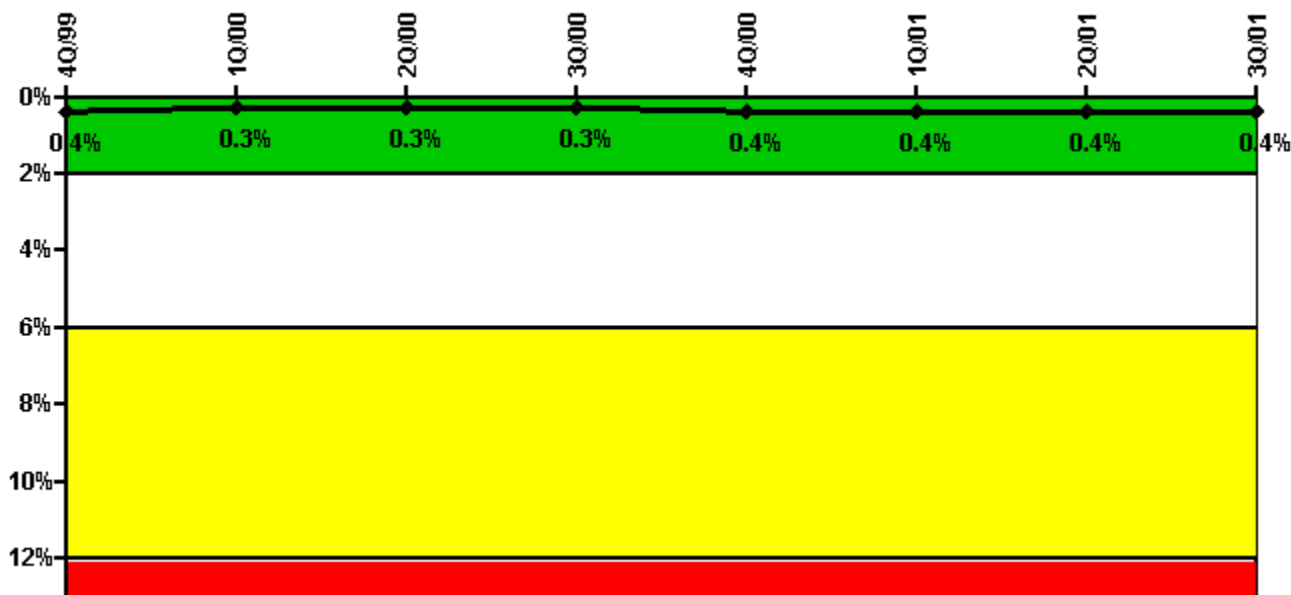
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1								
Planned unavailable hours	0	0	2.20	5.40	6.40	5.70	4.40	2.80
Unplanned unavailable hours	0	0	0	0.60	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	1512.60	882.70	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	0	0	6.80	3.30	6.20	5.60	9.00	6.30
Unplanned unavailable hours	0	0	0	0	0.30	0.30	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	1512.60	882.70	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	0.4%	0.3%	0.3%	0.2%	0.2%	0.2%	0.2%	0.2%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



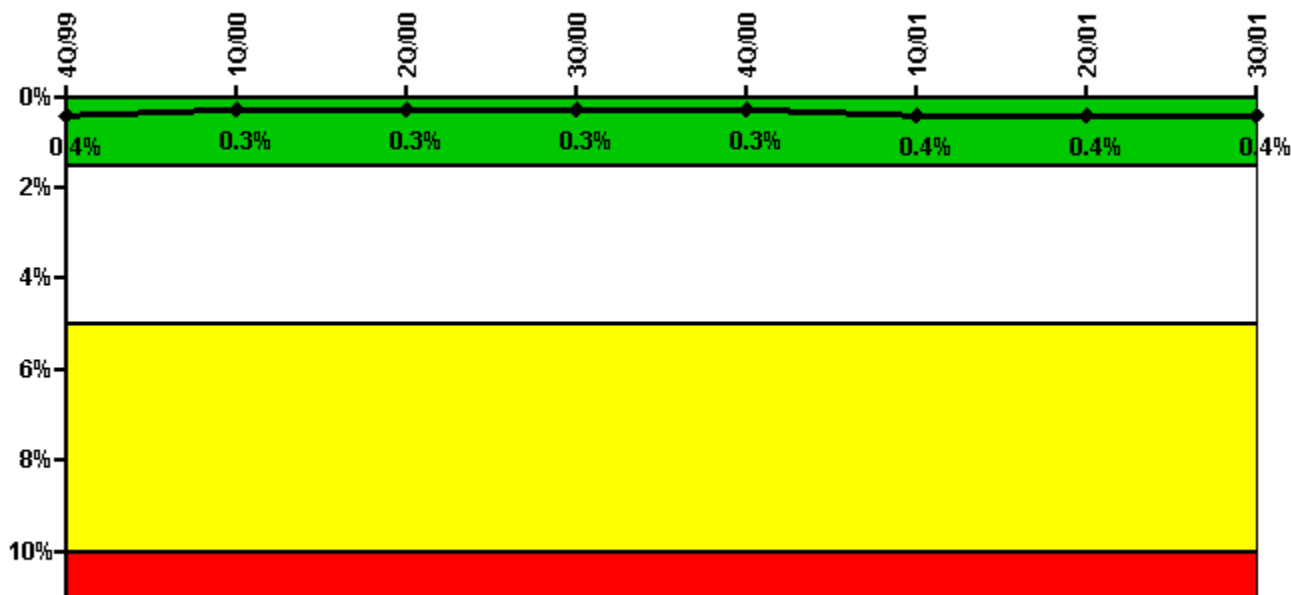
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1								
Planned unavailable hours	0	1.10	4.60	6.00	17.70	5.70	4.40	2.80
Unplanned unavailable hours	0	0	0	0.60	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	1512.60	882.70	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	0	0.40	9.20	3.90	7.30	7.30	2.60	5.30
Unplanned unavailable hours	0	0	0	0	0.30	0.40	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	1512.60	882.70	2208.00	2209.00	2160.00	2183.00	2208.00
Train 3								
Planned unavailable hours	16.00	0.90	0	1.50	38.10	2.00	0.50	0.40
Unplanned unavailable hours	0	0	0	0	0	16.00	0	33.20
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	1512.60	882.70	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	0.4%	0.3%	0.3%	0.3%	0.4%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



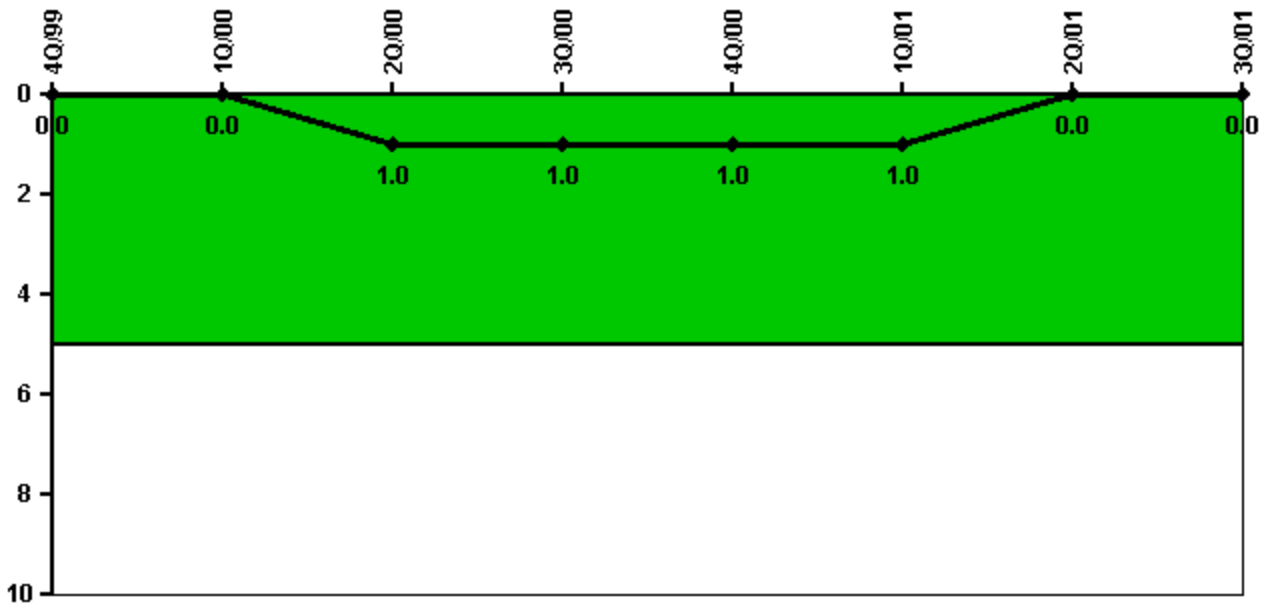
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1								
Planned unavailable hours	19.40	1.40	2.60	13.50	7.80	19.80	20.70	3.30
Unplanned unavailable hours	0	0	0	0.60	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	13.30	0	11.60	15.20	6.60	26.30	9.40	15.80
Unplanned unavailable hours	0	0	0	0	0.30	0.30	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	0.4%	0.3%	0.3%	0.3%	0.3%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Functional Failures (PWR)



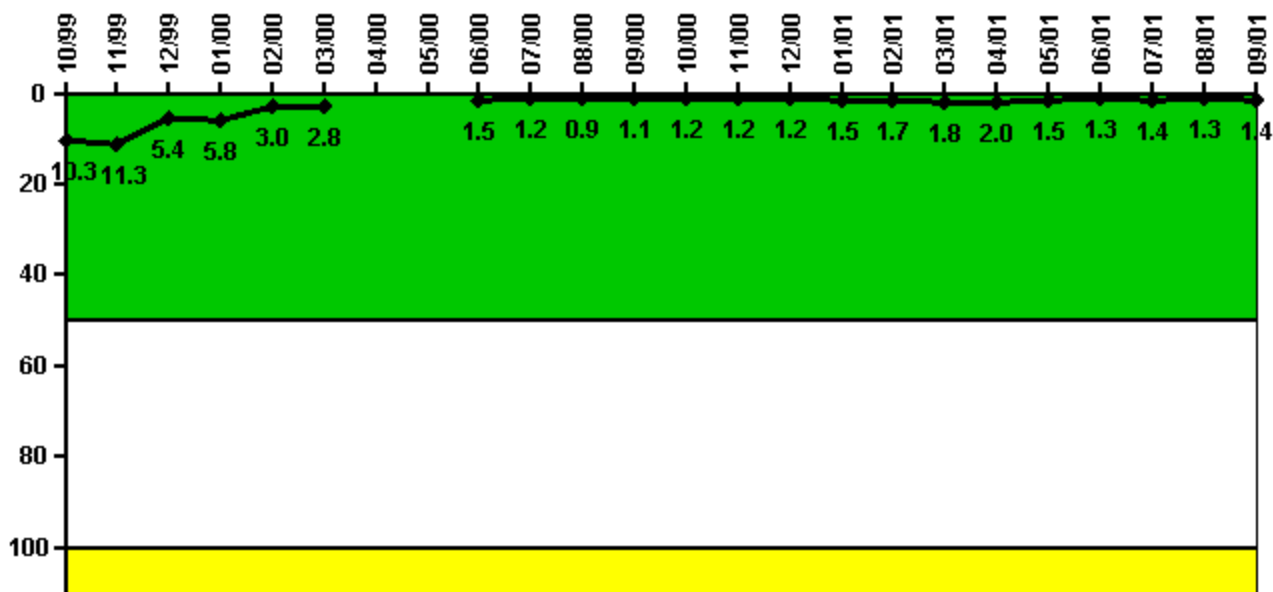
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

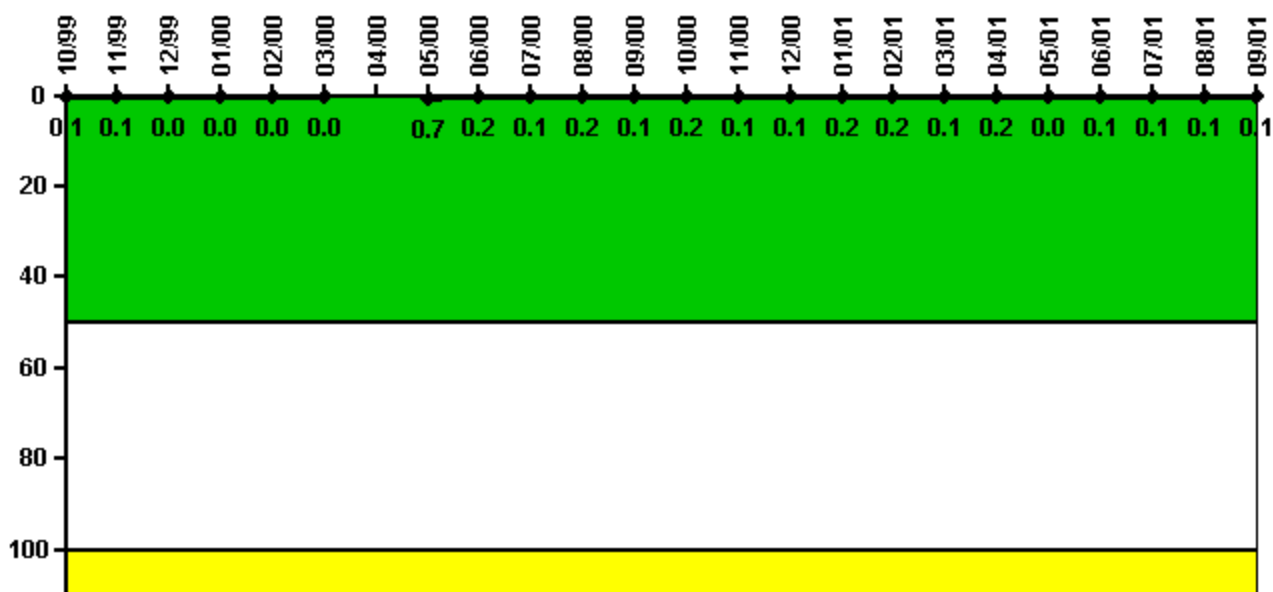
Notes

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	0.030810	0.033860	0.016180	0.017310	0.009058	0.008488	N/A	N/A	0.007439	0.006018	0.004440	0.005290
Technical specification limit	0.3	0.3	0.3	0.3	0.3	0.3	N/A	0.5	0.5	0.5	0.5	0.5
Indicator value	10.3	11.3	5.4	5.8	3.0	2.8	N/A	N/A	1.5	1.2	0.9	1.1

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	0.005990	0.006200	0.005943	0.007291	0.008625	0.009230	0.010230	0.007577	0.006459	0.006865	0.006441	0.006811
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	1.2	1.2	1.2	1.5	1.7	1.8	2.0	1.5	1.3	1.4	1.3	1.4

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

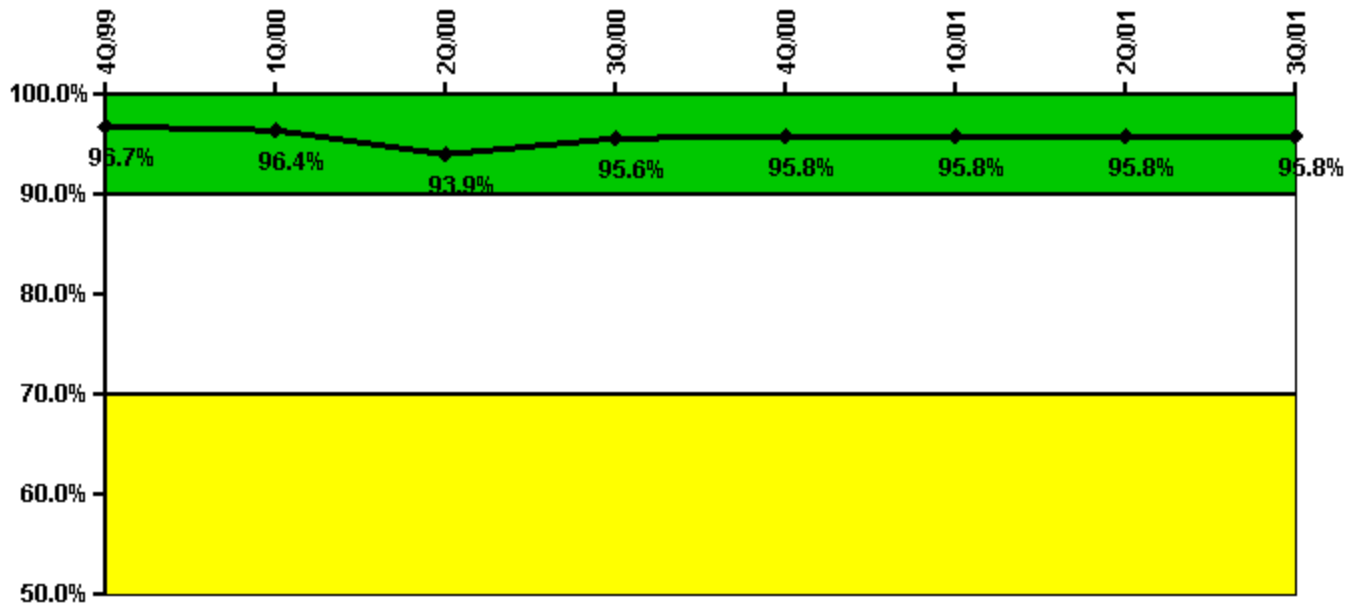
Notes

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	0.007	0.007	0.001	0	0	0	N/A	0.069	0.017	0.012	0.020	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	0.1	0.1	0	0	0	0	N/A	0.7	0.2	0.1	0.2	0.1

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01
Maximum leakage	0.018	0.012	0.012	0.015	0.016	0.012	0.018	0	0.012	0.013	0.011	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	0.1	0.1	0.2	0.2	0.1	0.2	0	0.1	0.1	0.1	0.1

Licensee Comments: none

Drill/Exercise Performance



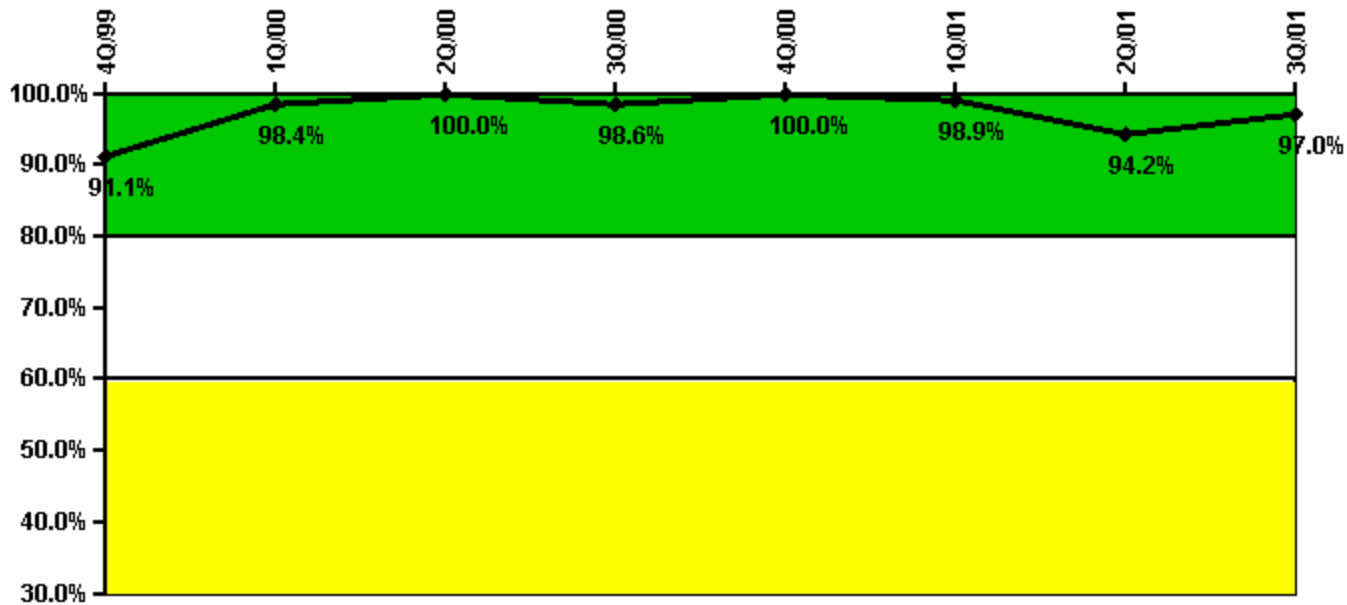
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Successful opportunities	0	6.0	15.0	65.0	56.0	9.0	37.0	61.0
Total opportunities	0	6.0	18.0	66.0	58.0	10.0	38.0	64.0
Indicator value	96.7%	96.4%	93.9%	95.6%	95.8%	95.8%	95.8%	95.8%

Licensee Comments: none

ERO Drill Participation



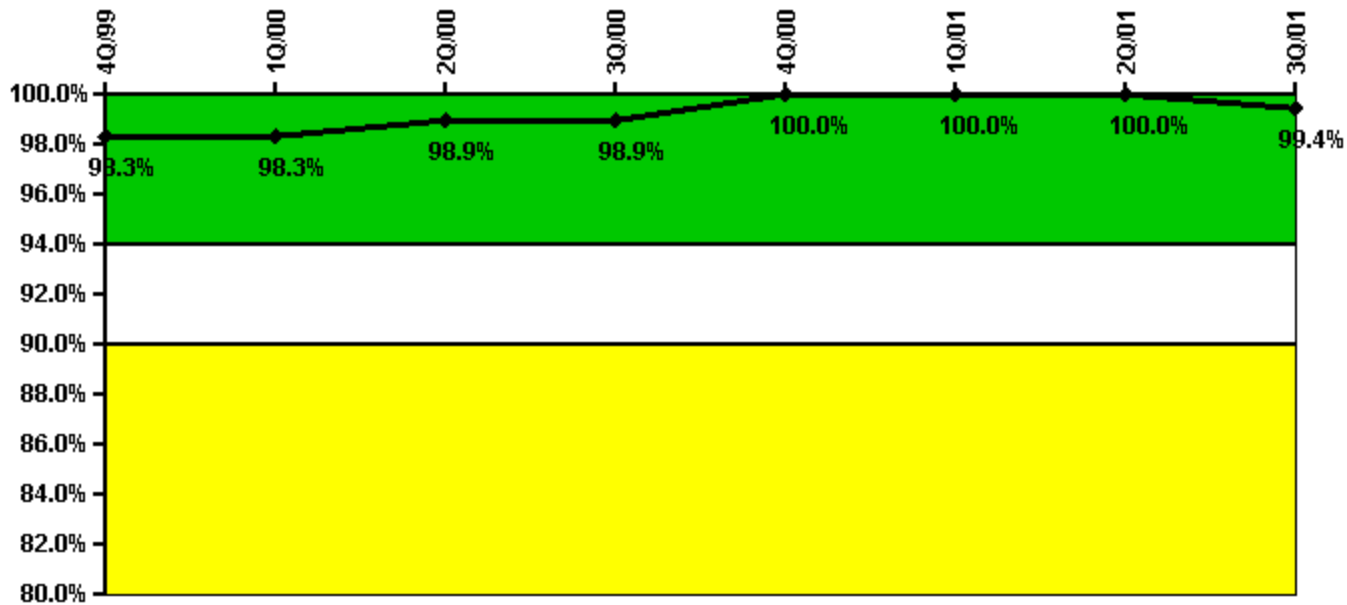
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Participating Key personnel	112.0	121.0	121.0	141.0	103.0	94.0	97.0	97.0
Total Key personnel	123.0	123.0	121.0	143.0	103.0	95.0	103.0	100.0
Indicator value	91.1%	98.4%	100.0%	98.6%	100.0%	98.9%	94.2%	97.0%

Licensee Comments: none

Alert & Notification System



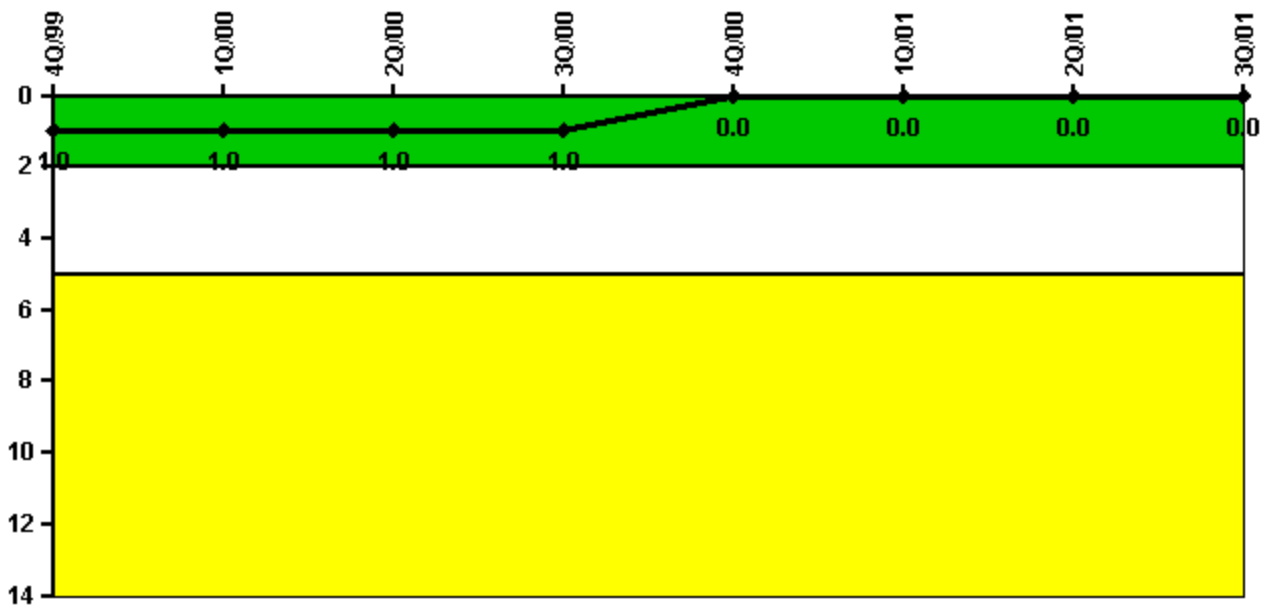
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Successful siren-tests	46	42	48	42	45	42	45	41
Total sirens-tests	48	42	48	42	45	42	45	42
Indicator value	98.3%	98.3%	98.9%	98.9%	100.0%	100.0%	100.0%	99.4%

Licensee Comments: none

Occupational Exposure Control Effectiveness



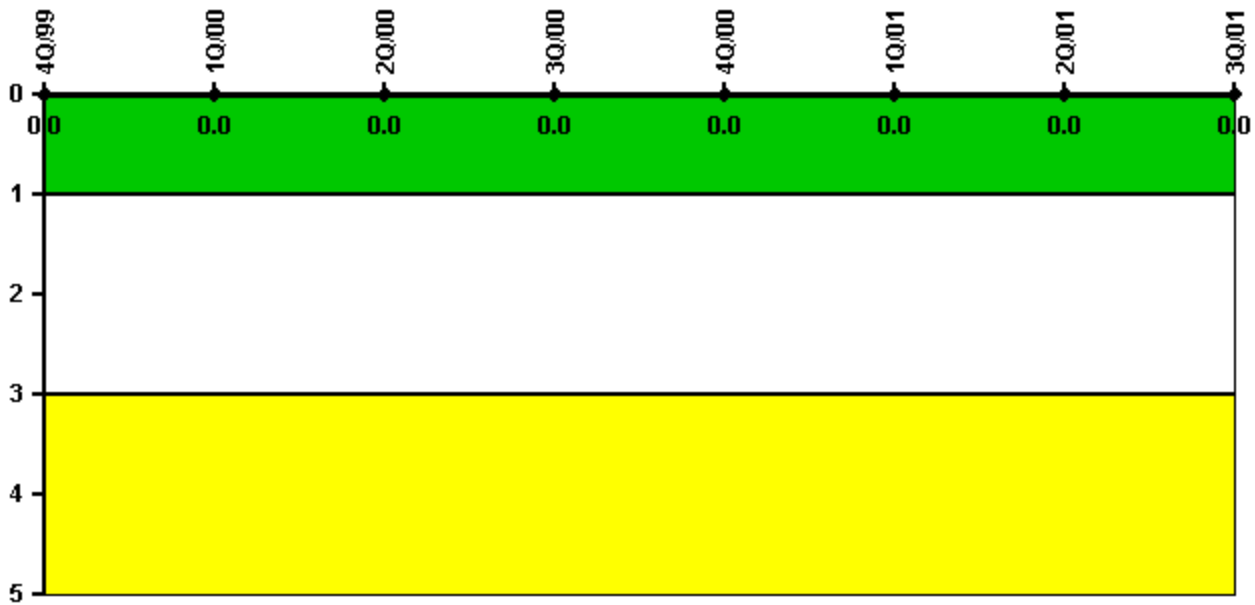
Thresholds: White > 2.0 Yellow > 5.0

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

Licensee Comments: none

RETS/ODCM Radiological Effluent



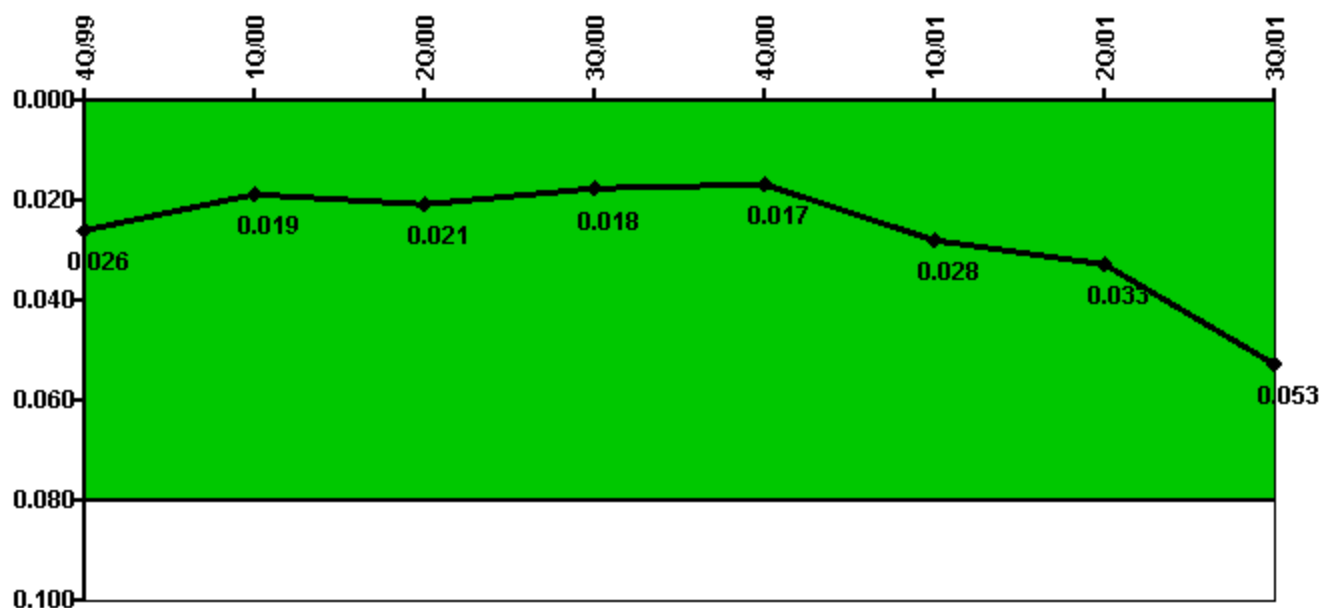
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/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



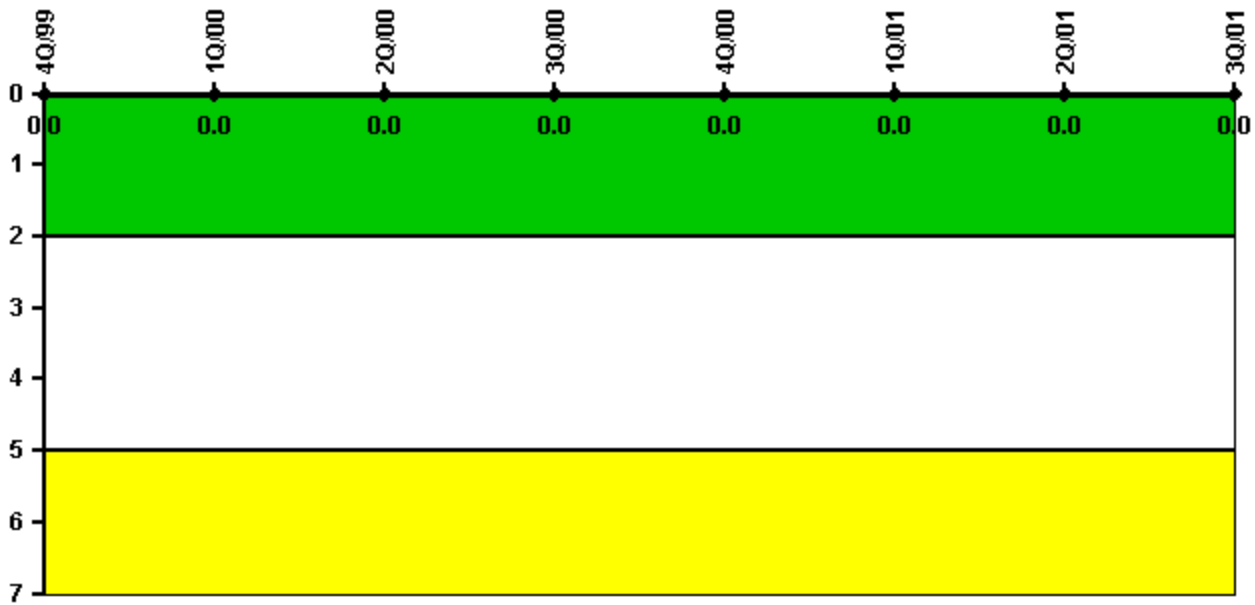
Thresholds: White > 0.080

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	87.50	6.30	231.40	119.10	88.37	172.90	70.80	71.96
CCTV compensatory hours	35.5	17.0	0	20.7	9.3	136.8	216.4	475.5
IDS normalization factor	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
CCTV normalization factor	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Index Value	0.026	0.019	0.021	0.018	0.017	0.028	0.033	0.053

Licensee Comments: none

Personnel Screening Program



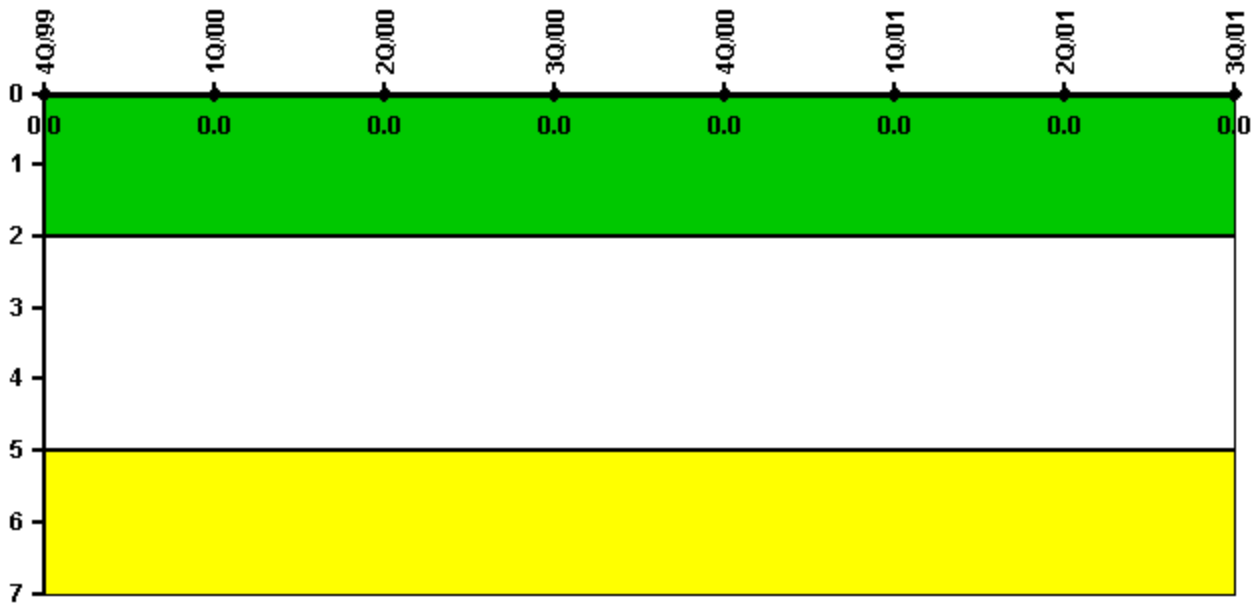
Thresholds: White > 2.0 Yellow > 5.0

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](#)

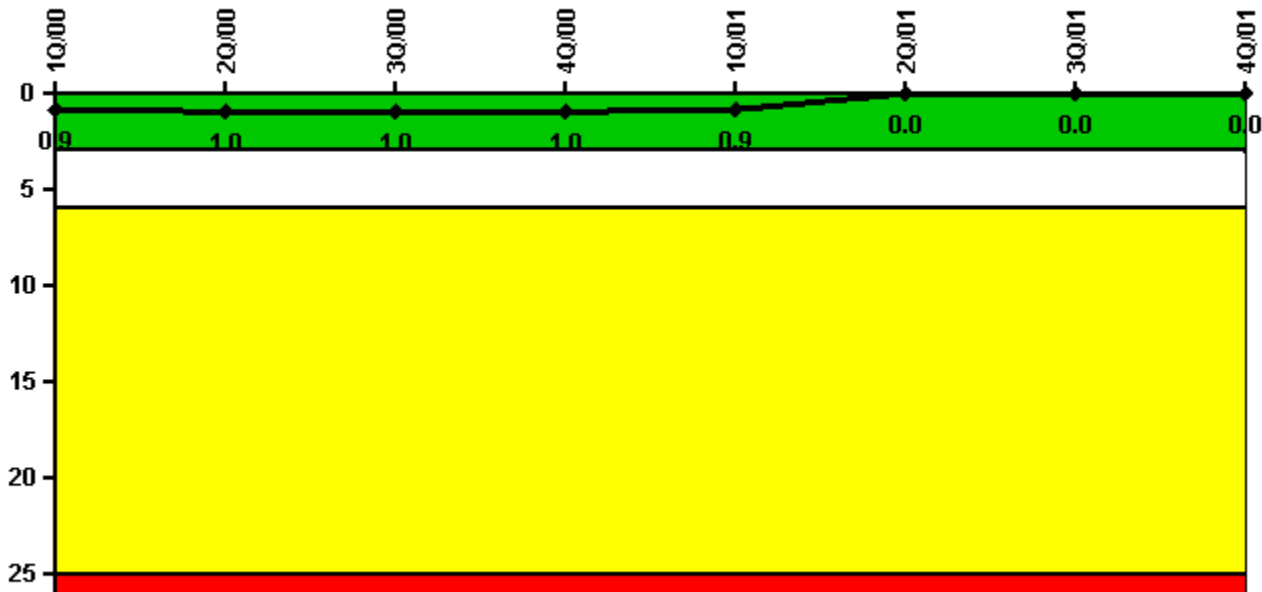
Last Modified: March 26, 2002

Farley 1

4Q/2001 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



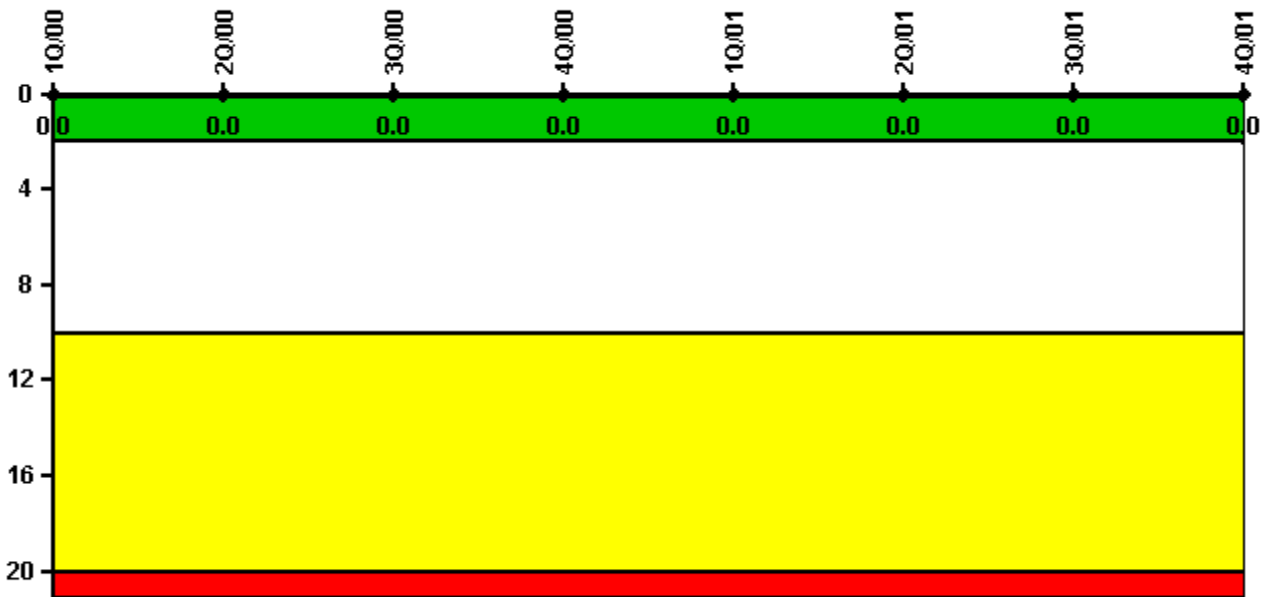
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Unplanned scrams	0	1.0	0	0	0	0	0	0
Critical hours	1512.6	882.7	2208.0	2209.0	2160.0	2183.0	2208.0	1257.2
Indicator value	0.9	1.0	1.0	1.0	0.9	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



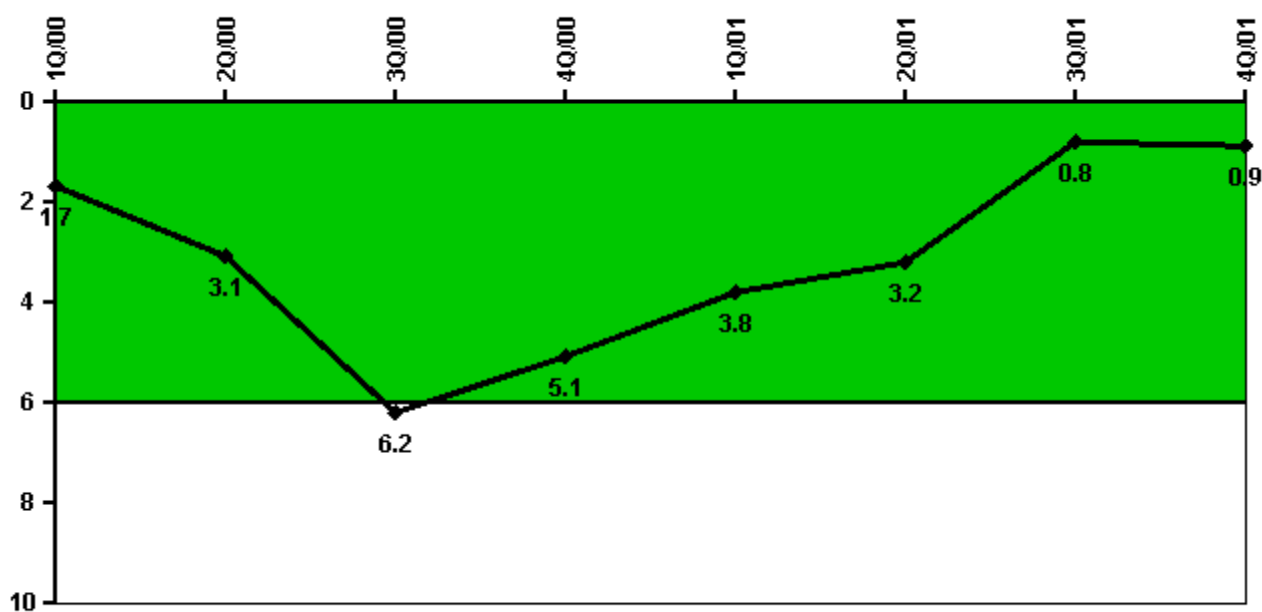
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

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	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



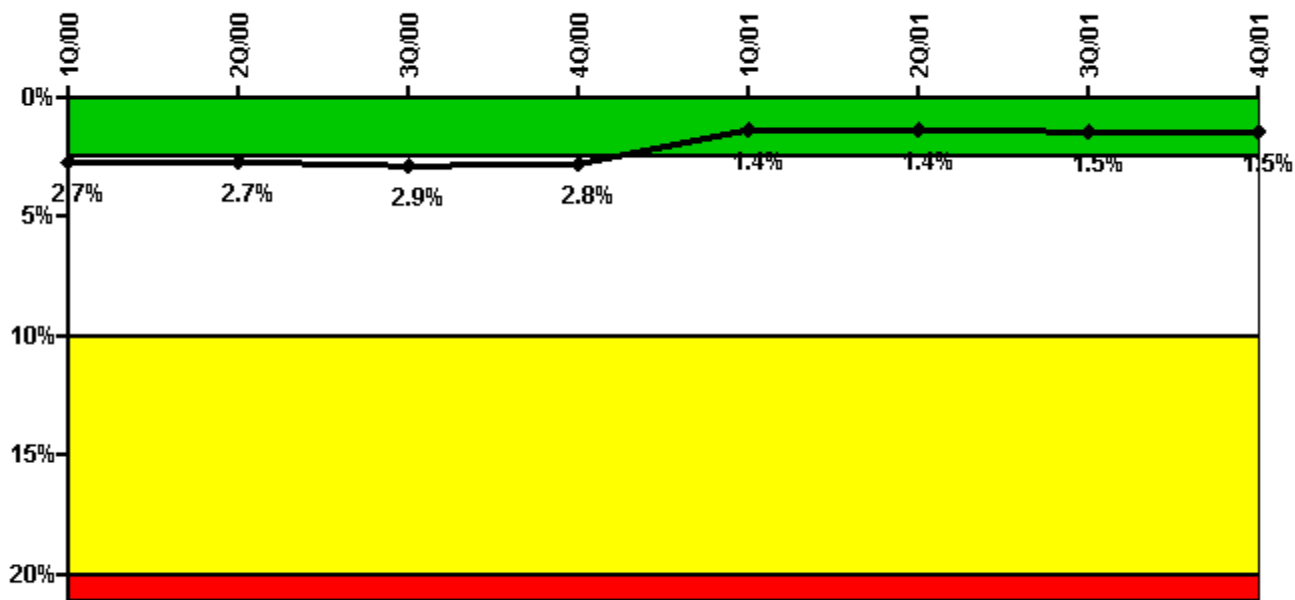
Thresholds: White > 6.0

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	1.0	1.0	3.0	0	0	1.0	0	0
Critical hours	1512.6	882.7	2208.0	2209.0	2160.0	2183.0	2208.0	1257.2
Indicator value	1.7	3.1	6.2	5.1	3.8	3.2	0.8	0.9

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



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

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	17.10	8.00	132.50	193.50	124.90	1.30	20.30	0
Unplanned unavailable hours	0	0	0.60	0	0.30	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	1257.20
Train 2								
Planned unavailable hours	0	3.20	0	0.80	11.90	24.80	0.80	0
Unplanned unavailable hours	0	0	0	11.10	0	0	121.10	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	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	1257.20
Train 3								
Planned unavailable hours	0	0	0	0.70	1.30	1.00	1.30	0
Unplanned unavailable hours	0	0	13.50	0	0	0	0	0
Fault exposure hours	1228.50	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	1215.90	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	1257.20
Indicator value	2.7%	2.7%	2.9%	2.8%	1.4%	1.4%	1.5%	1.5%

Licensee Comments:

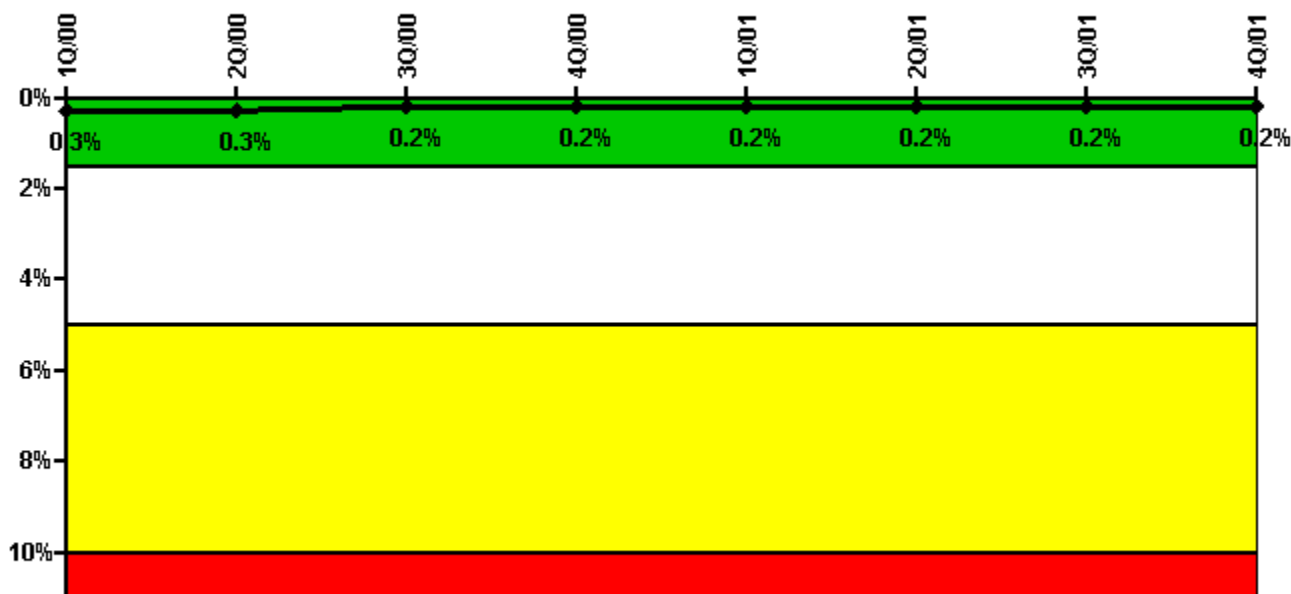
1Q/01: Q2 2001 added 123.3 hours planned unavailability to January 2001 Train A previously omitted. Color unaffected.

1Q/00: One of 3 diesel generators unavailable due to lack of automatic power transfer capability. DG was operable per Technical Specifications. Reasonable operator action not credited under this indicator. WHITE entry.

Effective Reset Comments:

1Q/01: Previously reset hours were reset under new process.

Safety System Unavailability, High Pressure Injection System (HPSI)



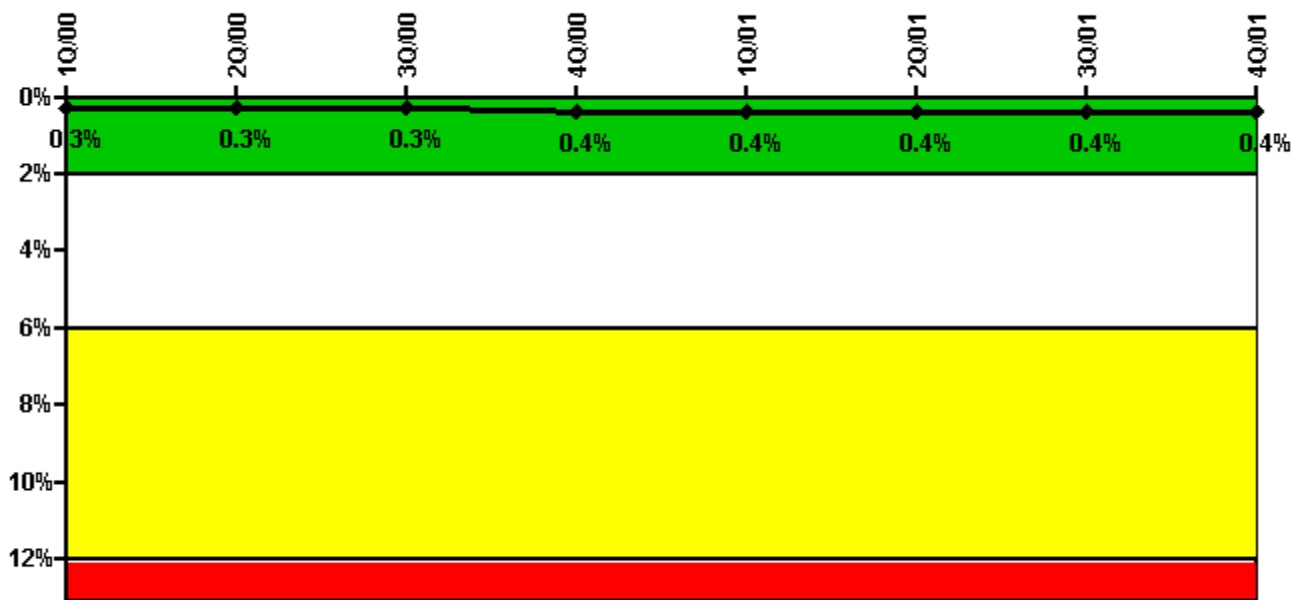
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

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	0	2.20	5.40	6.40	5.70	4.40	2.80	3.90
Unplanned unavailable hours	0	0	0.60	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1512.60	882.70	2208.00	2209.00	2160.00	2183.00	2208.00	1257.20
Train 2								
Planned unavailable hours	0	6.80	3.30	6.20	5.60	9.00	6.30	2.30
Unplanned unavailable hours	0	0	0	0.30	0.30	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1512.60	882.70	2208.00	2209.00	2160.00	2183.00	2208.00	1257.20
Indicator value	0.3%	0.3%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



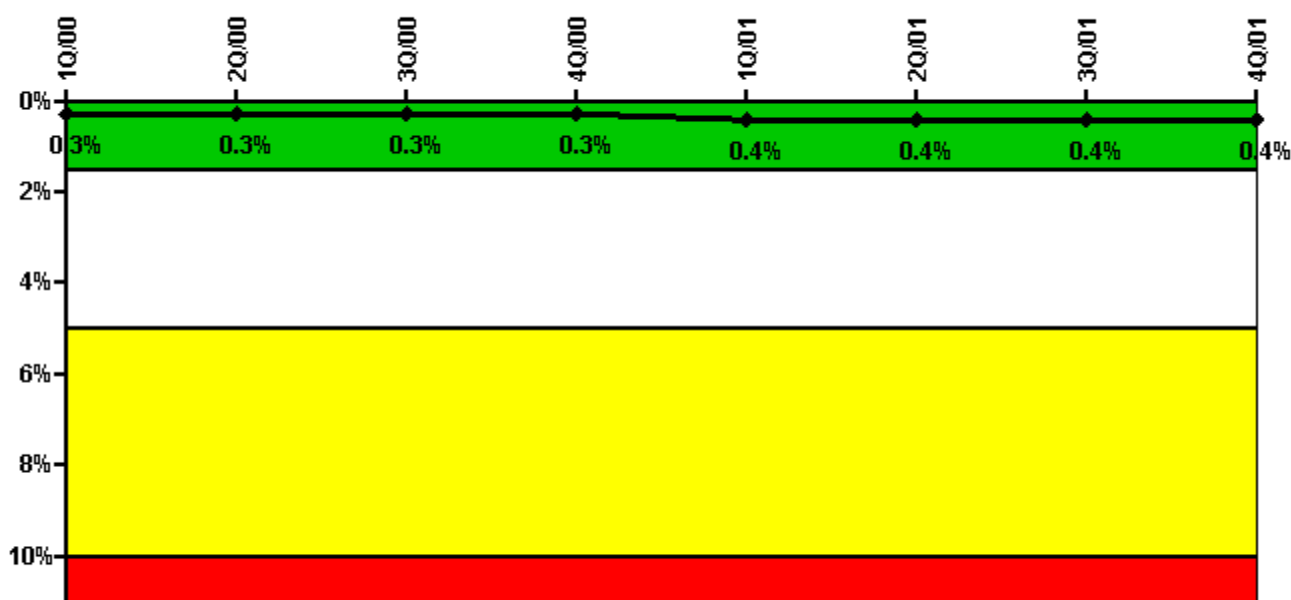
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	1.10	4.60	6.00	17.70	5.70	4.40	2.80	2.60
Unplanned unavailable hours	0	0	0.60	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1512.60	882.70	2208.00	2209.00	2160.00	2183.00	2208.00	1257.20
Train 2								
Planned unavailable hours	0.40	9.20	3.90	7.30	7.30	2.60	5.30	2.30
Unplanned unavailable hours	0	0	0	0.30	0.40	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1512.60	882.70	2208.00	2209.00	2160.00	2183.00	2208.00	1257.20
Train 3								
Planned unavailable hours	0.90	0	1.50	38.10	2.00	0.50	0.40	1.60
Unplanned unavailable hours	0	0	0	0	16.00	0	33.20	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	1512.60	882.70	2208.00	2209.00	2160.00	2183.00	2208.00	1257.20
Indicator value	0.3%	0.3%	0.3%	0.4%	0.4%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



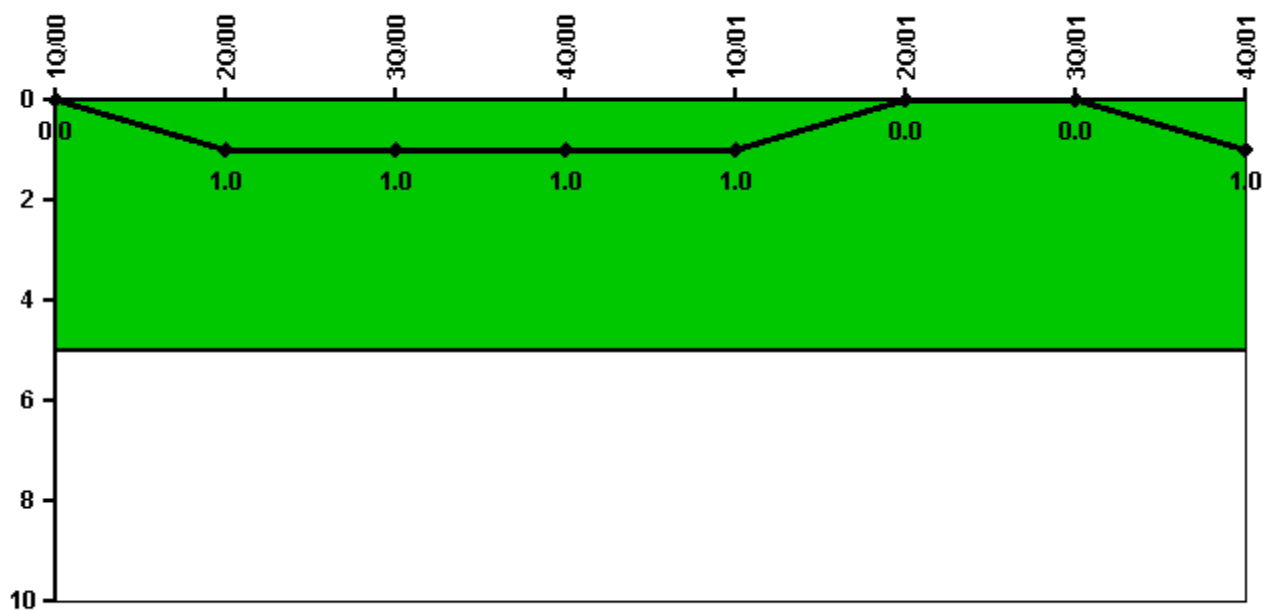
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	1.40	2.60	13.50	7.80	19.80	20.70	3.30	16.40
Unplanned unavailable hours	0	0	0.60	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	1257.20
Train 2								
Planned unavailable hours	0	11.60	15.20	6.60	26.30	9.40	15.80	3.10
Unplanned unavailable hours	0	0	0	0.30	0.30	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	1257.20
Indicator value	0.3%	0.3%	0.3%	0.3%	0.4%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Functional Failures (PWR)



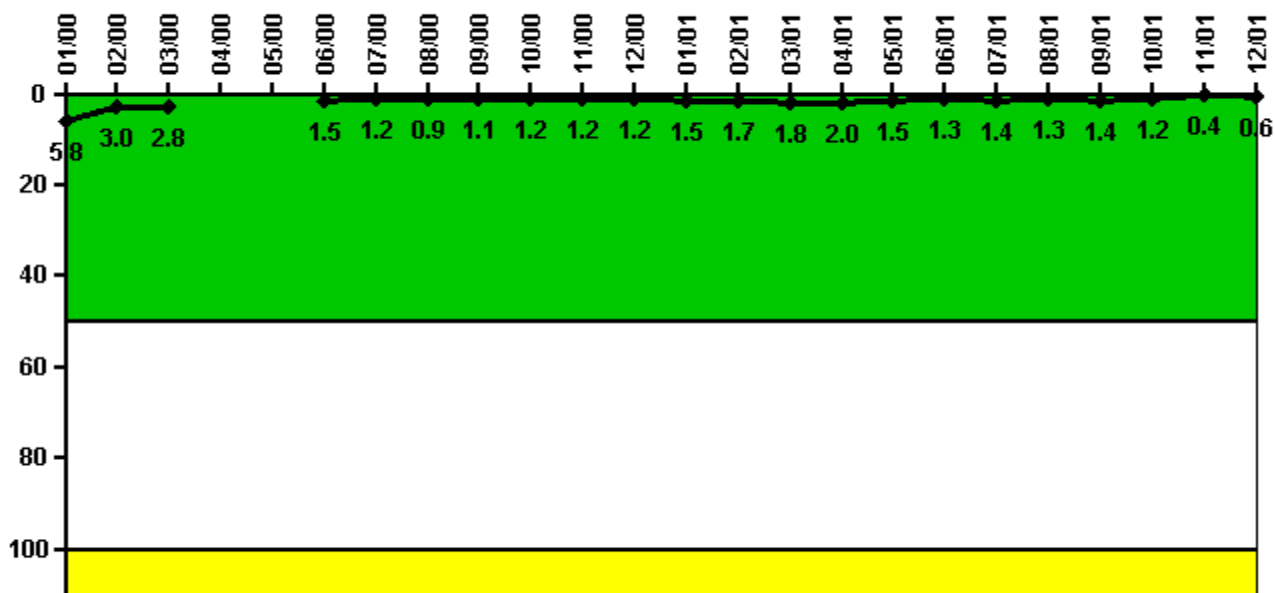
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

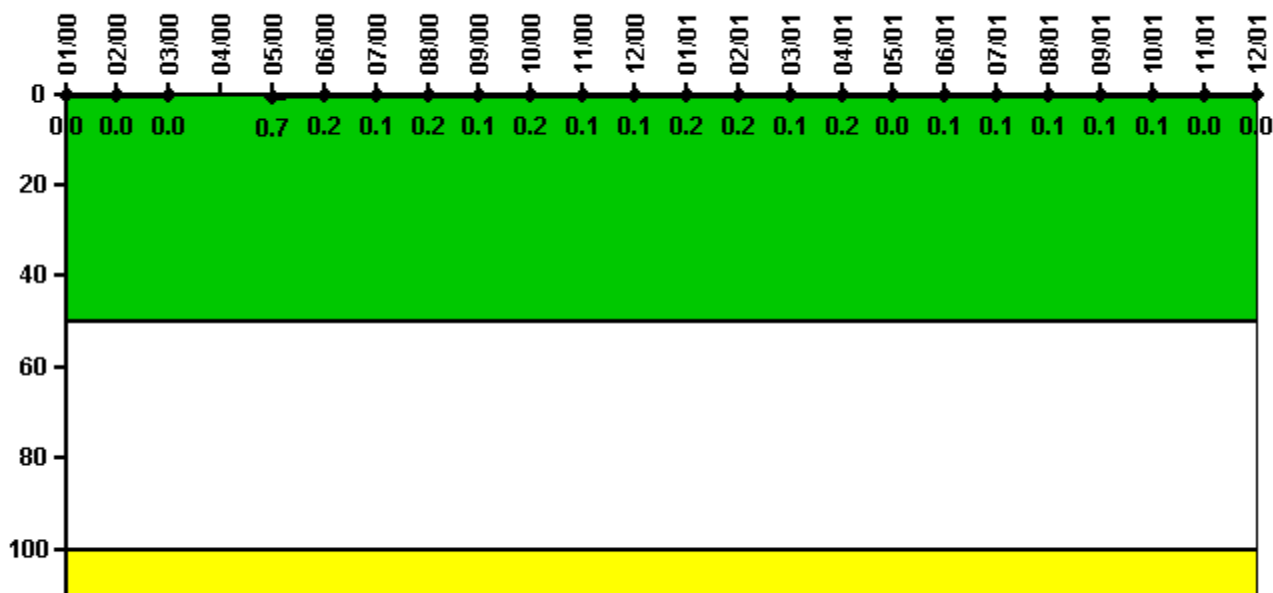
Notes

Reactor Coolant System Activity	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00
Maximum activity	0.017310	0.009058	0.008488	N/A	N/A	0.007439	0.006018	0.004440	0.005290	0.005990	0.006200	0.005943
Technical specification limit	0.3	0.3	0.3	N/A	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	5.8	3.0	2.8	N/A	N/A	1.5	1.2	0.9	1.1	1.2	1.2	1.2

Reactor Coolant System Activity	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01
Maximum activity	0.007291	0.008625	0.009230	0.010230	0.007577	0.006459	0.006865	0.006441	0.006811	0.006216	0.001900	0.002883
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	1.5	1.7	1.8	2.0	1.5	1.3	1.4	1.3	1.4	1.2	0.4	0.6

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

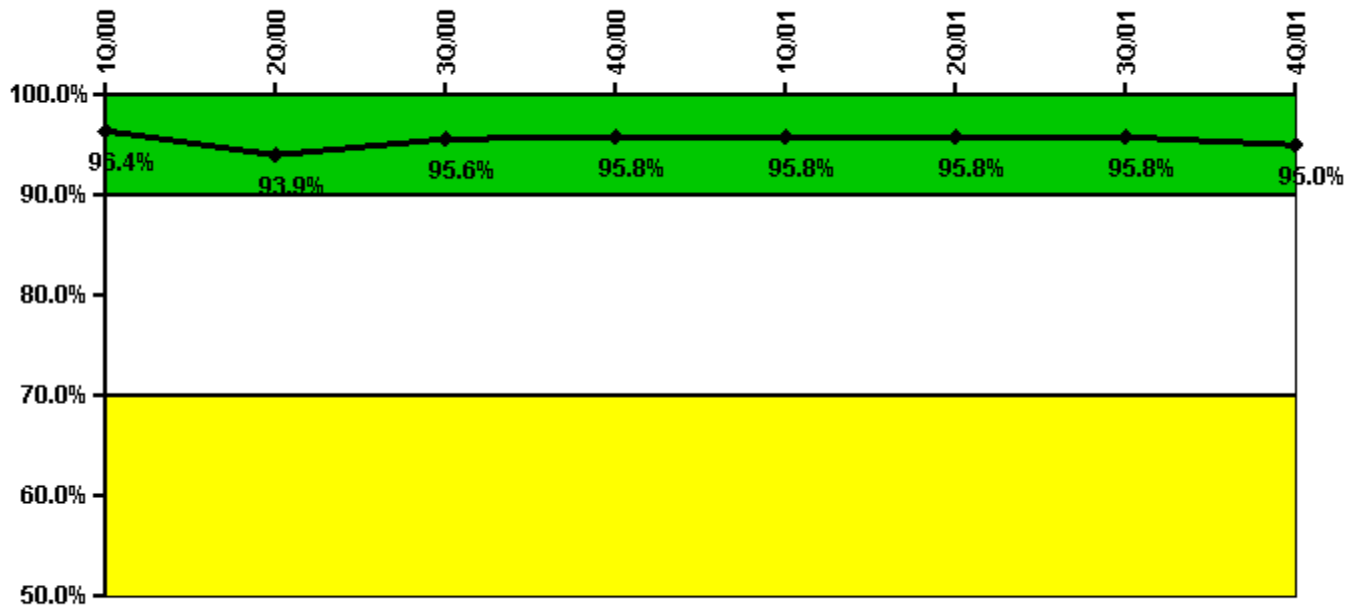
Notes

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	0	0	N/A	0.069	0.017	0.012	0.020	0.012	0.018	0.012	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	0	0	N/A	0.7	0.2	0.1	0.2	0.1	0.2	0.1	0.1

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	0.015	0.016	0.012	0.018	0	0.012	0.013	0.011	0.012	0.012	0	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.2	0.1	0.2	0	0.1	0.1	0.1	0.1	0.1	0	0

Licensee Comments: none

Drill/Exercise Performance



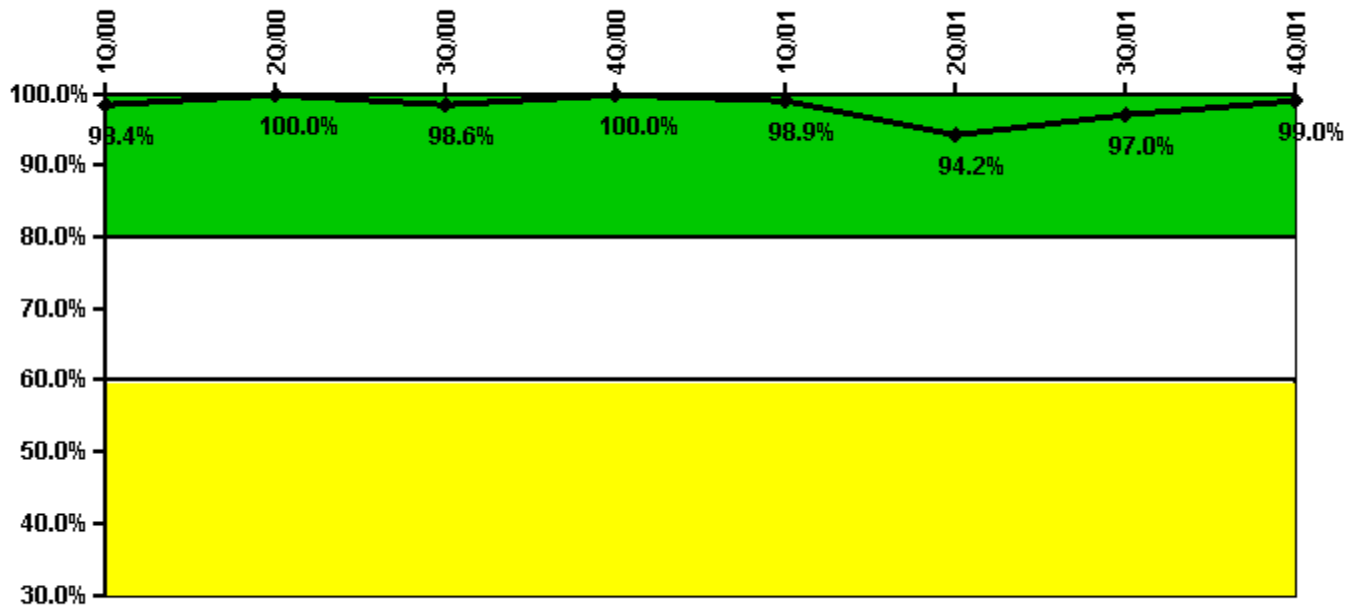
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Successful opportunities	6.0	15.0	65.0	56.0	9.0	37.0	61.0	38.0
Total opportunities	6.0	18.0	66.0	58.0	10.0	38.0	64.0	42.0
Indicator value	96.4%	93.9%	95.6%	95.8%	95.8%	95.8%	95.8%	95.0%

Licensee Comments: none

ERO Drill Participation



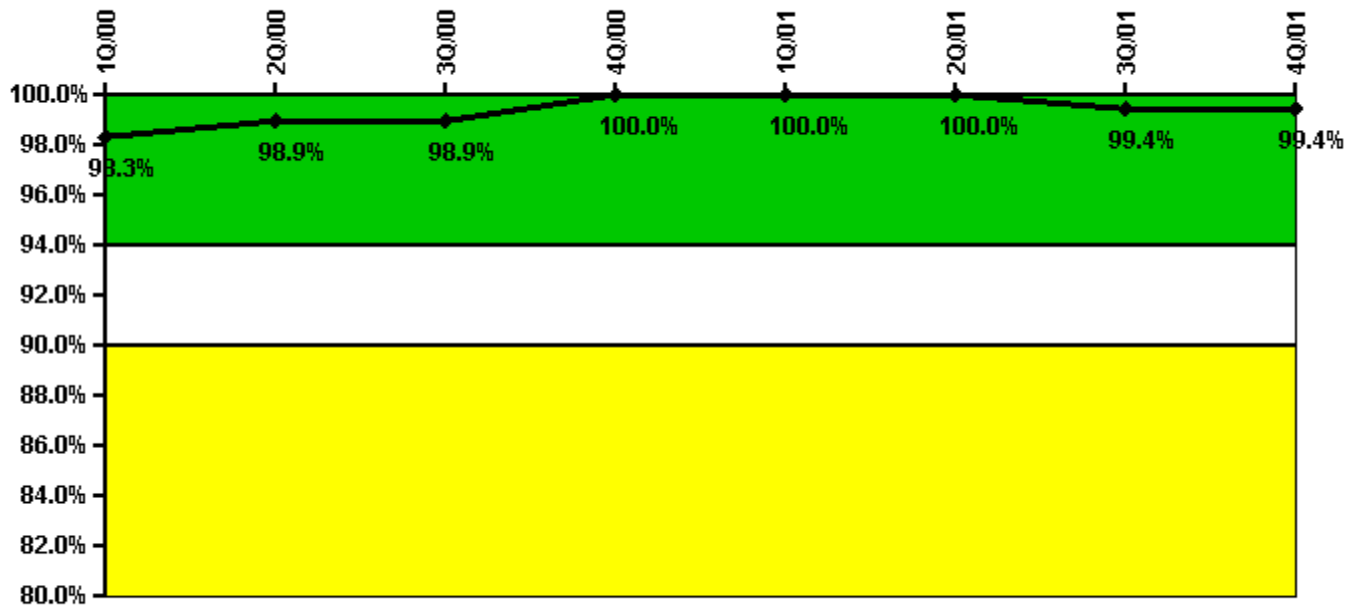
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Participating Key personnel	121.0	121.0	141.0	103.0	94.0	97.0	97.0	99.0
Total Key personnel	123.0	121.0	143.0	103.0	95.0	103.0	100.0	100.0
Indicator value	98.4%	100.0%	98.6%	100.0%	98.9%	94.2%	97.0%	99.0%

Licensee Comments: none

Alert & Notification System



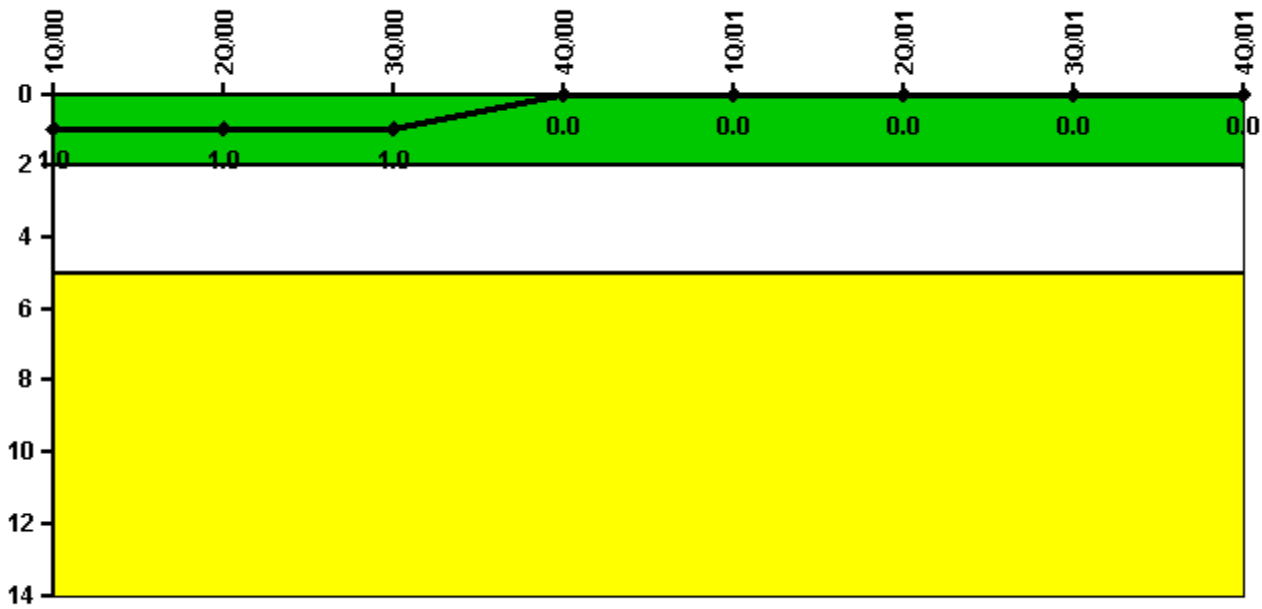
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Successful siren-tests	42	48	42	45	42	45	41	45
Total sirens-tests	42	48	42	45	42	45	42	45
Indicator value	98.3%	98.9%	98.9%	100.0%	100.0%	100.0%	99.4%	99.4%

Licensee Comments: none

Occupational Exposure Control Effectiveness

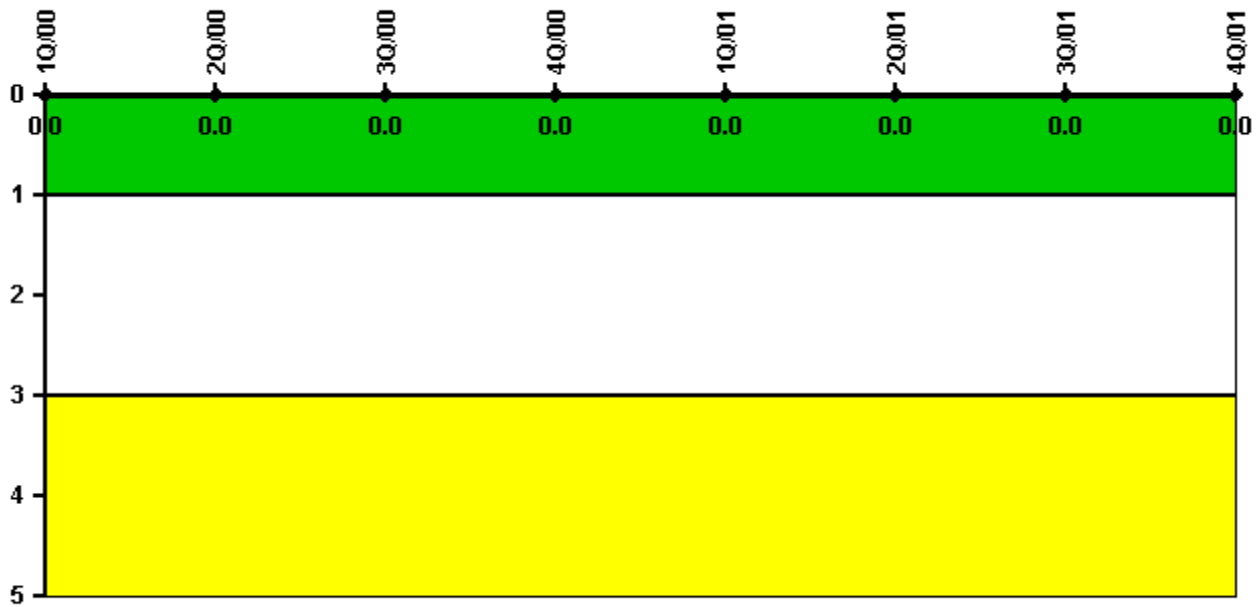


Thresholds: White > 2.0 Yellow > 5.0

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	1	1	1	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent

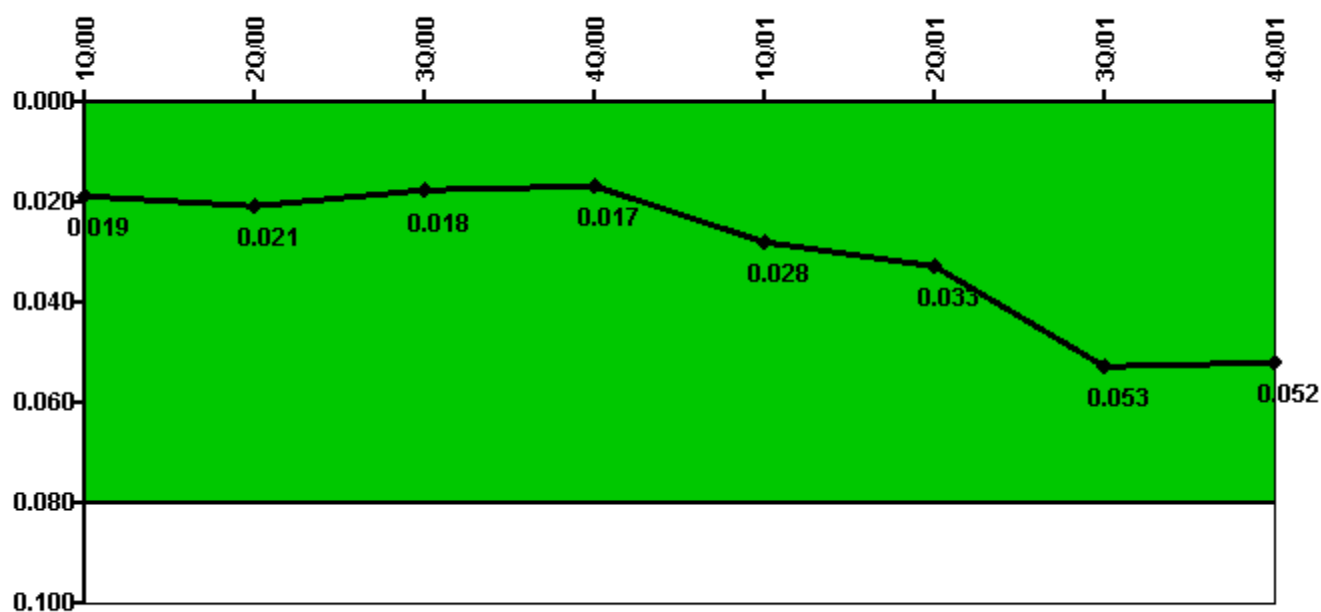
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/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



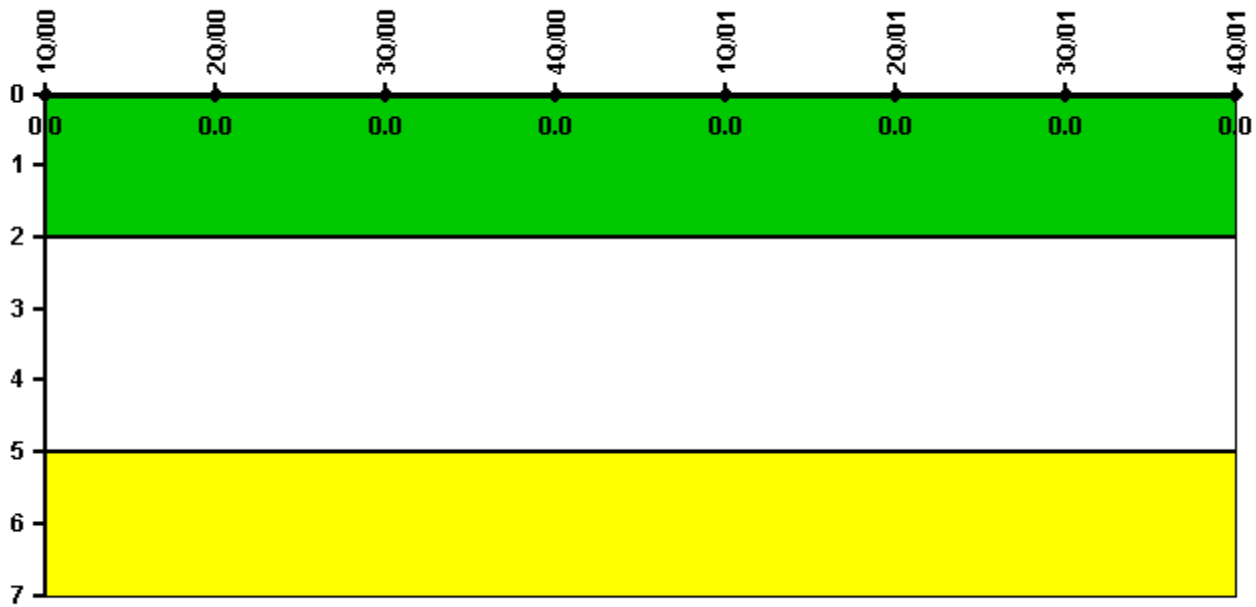
Thresholds: White > 0.080

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	6.30	231.40	119.10	88.37	172.90	70.80	71.96	44.90
CCTV compensatory hours	17.0	0	20.7	9.3	136.8	216.4	475.5	20.5
IDS normalization factor	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
CCTV normalization factor	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Index Value	0.019	0.021	0.018	0.017	0.028	0.033	0.053	0.052

Licensee Comments: none

Personnel Screening Program

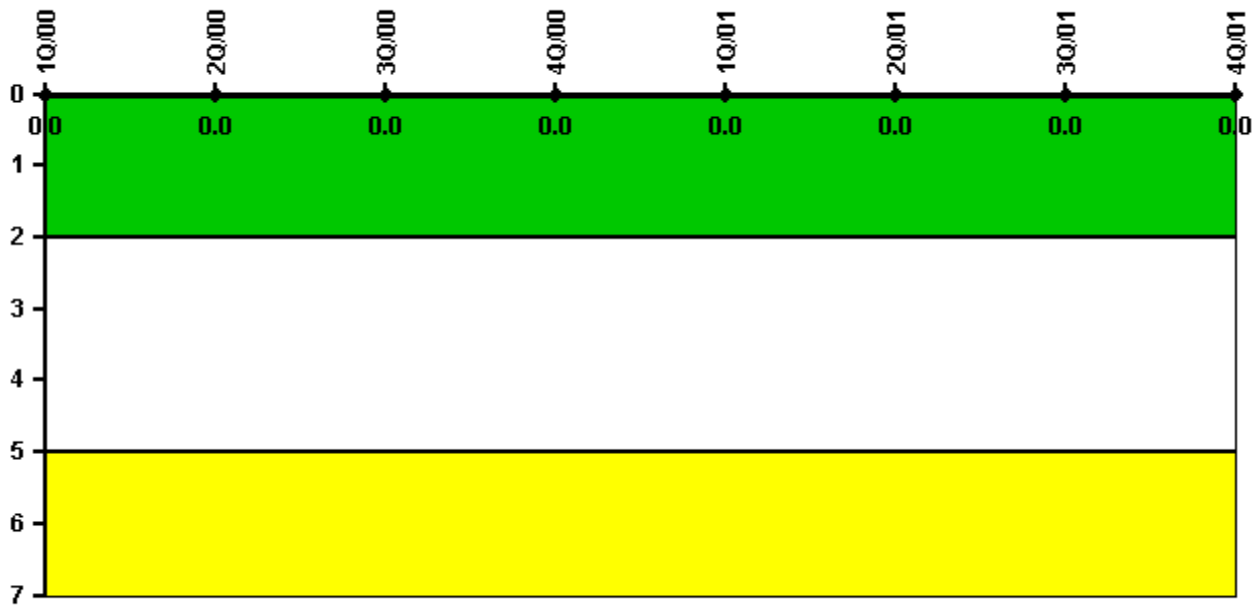


Thresholds: White > 2.0 Yellow > 5.0

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](#)

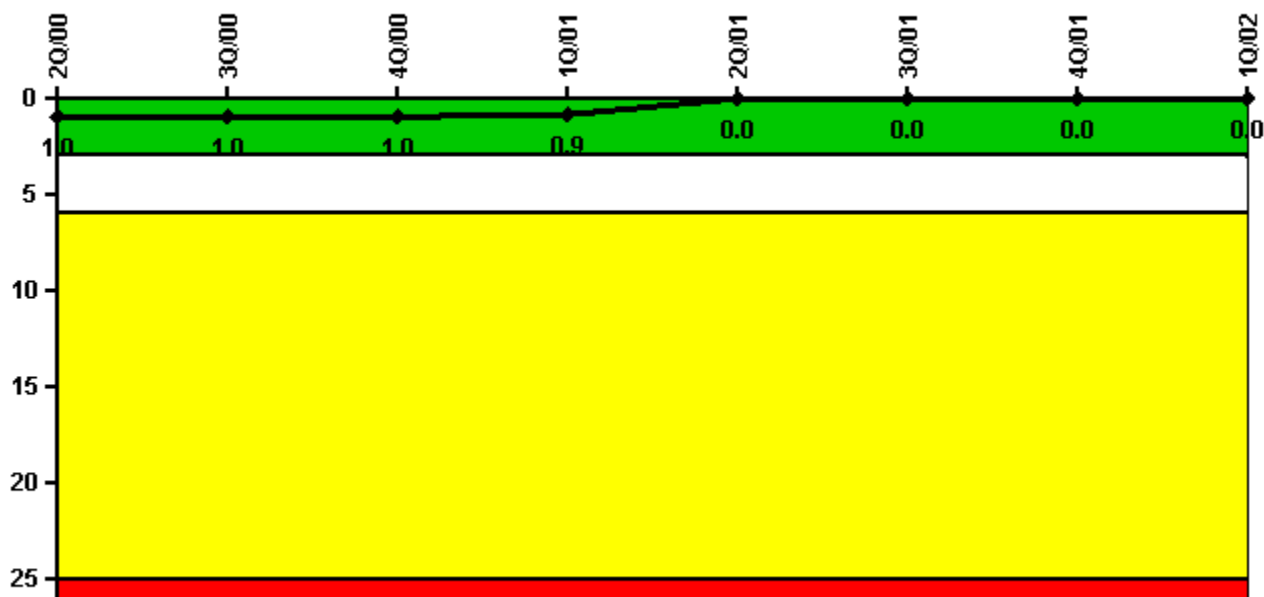
Last Modified: March 15, 2002

Farley 1

1Q/2002 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Unplanned scrams	1.0	0	0	0	0	0	0	0
Critical hours	882.7	2208.0	2209.0	2160.0	2183.0	2208.0	1257.2	2160.0
Indicator value	1.0	1.0	1.0	0.9	0	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



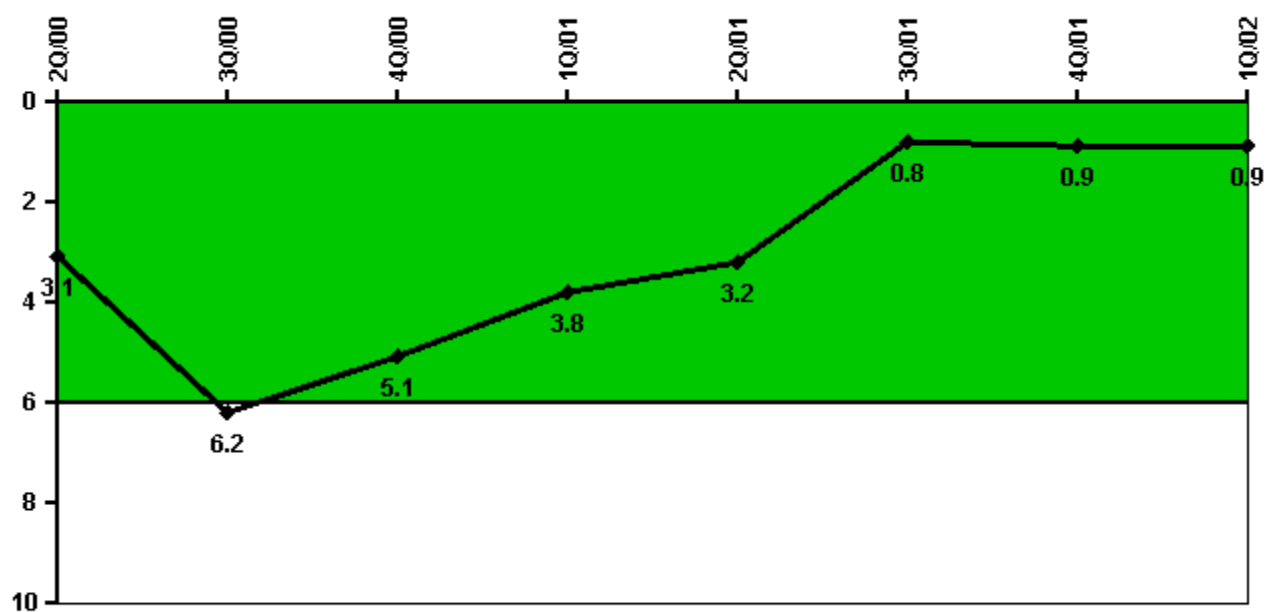
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	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



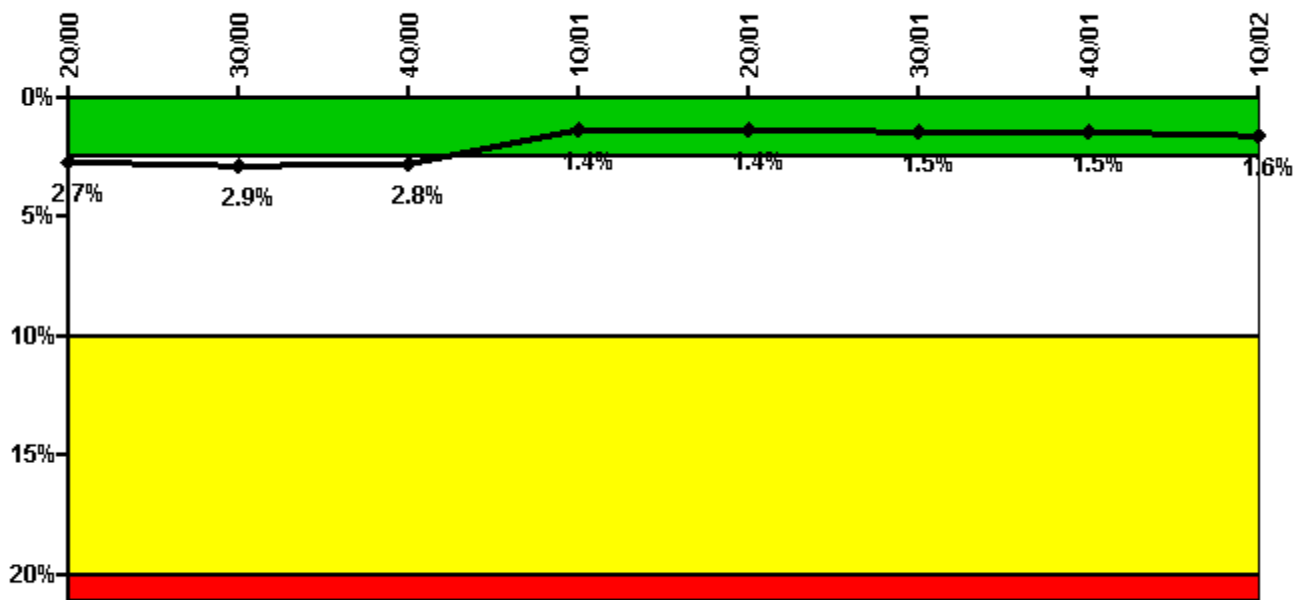
Thresholds: White > 6.0

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	1.0	3.0	0	0	1.0	0	0	0
Critical hours	882.7	2208.0	2209.0	2160.0	2183.0	2208.0	1257.2	2160.0
Indicator value	3.1	6.2	5.1	3.8	3.2	0.8	0.9	0.9

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



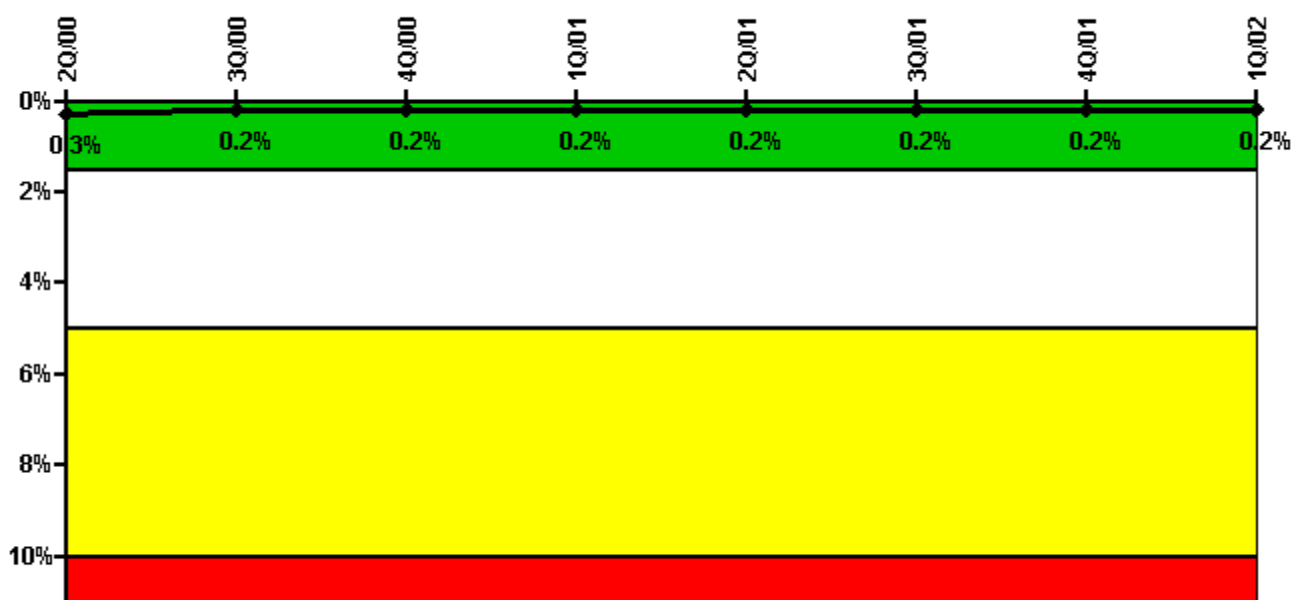
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	8.00	132.50	193.50	124.90	1.30	20.30	0	0.50
Unplanned unavailable hours	0	0.60	0	0.30	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	1257.20	2160.00
Train 2								
Planned unavailable hours	3.20	0	0.80	11.90	24.80	0.80	0	1.10
Unplanned unavailable hours	0	0	11.10	0	0	121.10	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	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	1257.20	2160.00
Train 3								
Planned unavailable hours	0	0	0.70	1.30	1.00	1.30	0	13.70
Unplanned unavailable hours	0	13.50	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	1215.90	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	1257.20	2160.00
Indicator value	2.7%	2.9%	2.8%	1.4%	1.4%	1.5%	1.5%	1.6%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



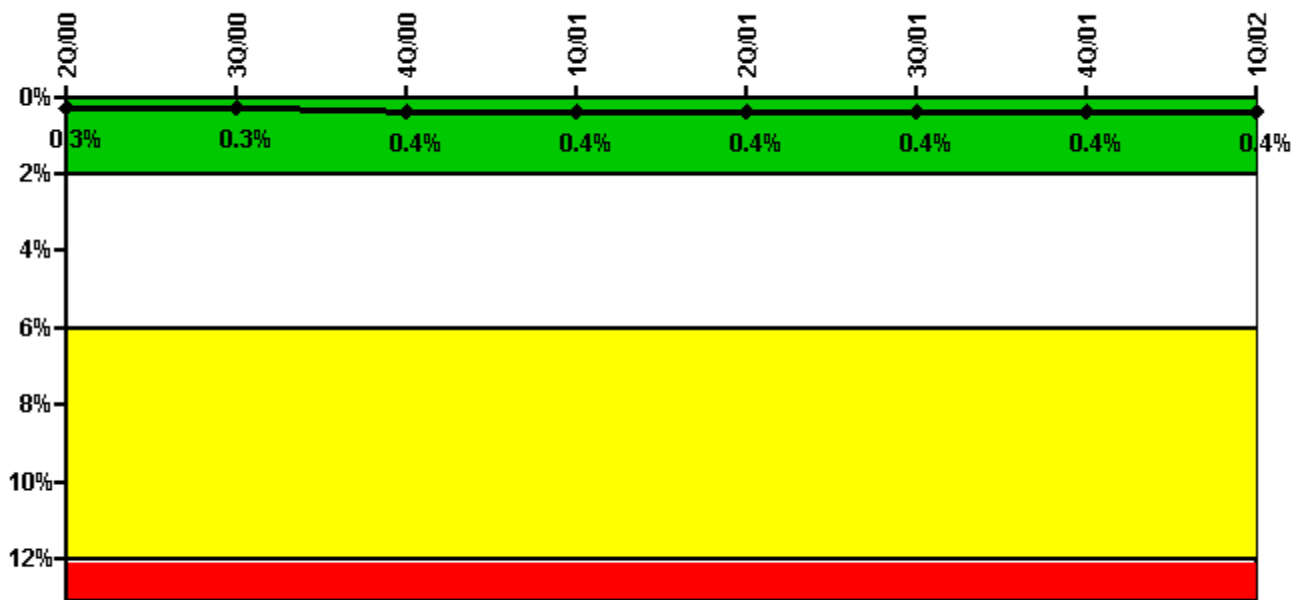
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

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	2.20	5.40	6.40	5.70	4.40	2.80	3.90	5.50
Unplanned unavailable hours	0	0.60	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	882.70	2208.00	2209.00	2160.00	2183.00	2208.00	1257.20	2160.00
Train 2								
Planned unavailable hours	6.80	3.30	6.20	5.60	9.00	6.30	2.30	7.20
Unplanned unavailable hours	0	0	0.30	0.30	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	882.70	2208.00	2209.00	2160.00	2183.00	2208.00	1257.20	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, Heat Removal System (AFW)



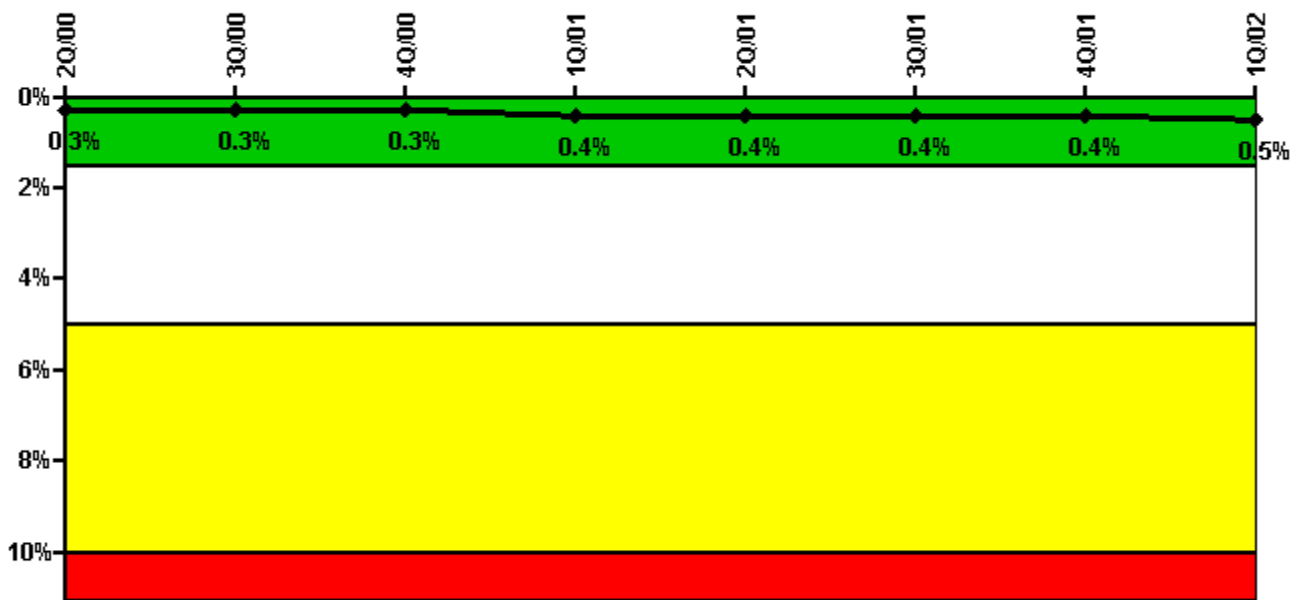
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

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	4.60	6.00	17.70	5.70	4.40	2.80	2.60	5.50
Unplanned unavailable hours	0	0.60	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	882.70	2208.00	2209.00	2160.00	2183.00	2208.00	1257.20	2160.00
Train 2								
Planned unavailable hours	9.20	3.90	7.30	7.30	2.60	5.30	2.30	7.20
Unplanned unavailable hours	0	0	0.30	0.40	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	882.70	2208.00	2209.00	2160.00	2183.00	2208.00	1257.20	2160.00
Train 3								
Planned unavailable hours	0	1.50	38.10	2.00	0.50	0.40	1.60	0.90
Unplanned unavailable hours	0	0	0	16.00	0	33.20	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	882.70	2208.00	2209.00	2160.00	2183.00	2208.00	1257.20	2160.00
Indicator value	0.3%	0.3%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



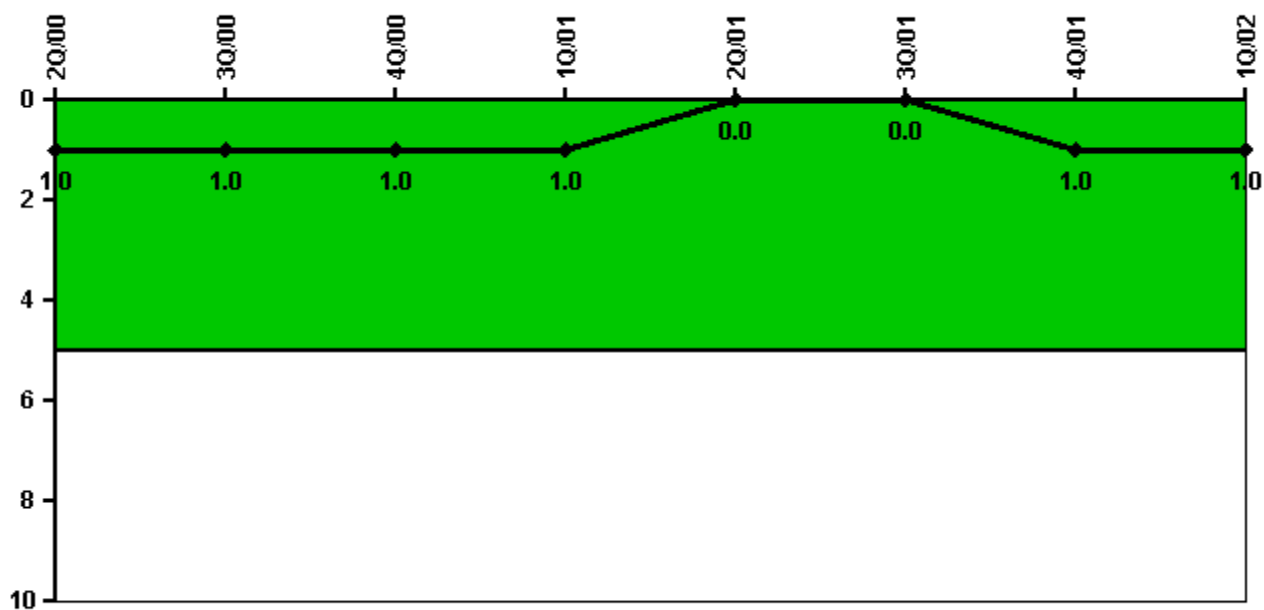
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

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	2.60	13.50	7.80	19.80	20.70	3.30	16.40	6.00
Unplanned unavailable hours	0	0.60	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	1257.20	2160.00
Train 2								
Planned unavailable hours	11.60	15.20	6.60	26.30	9.40	15.80	3.10	18.70
Unplanned unavailable hours	0	0	0.30	0.30	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	1257.20	2160.00
Indicator value	0.3%	0.3%	0.3%	0.4%	0.4%	0.4%	0.4%	0.5%

Licensee Comments: none

Safety System Functional Failures (PWR)



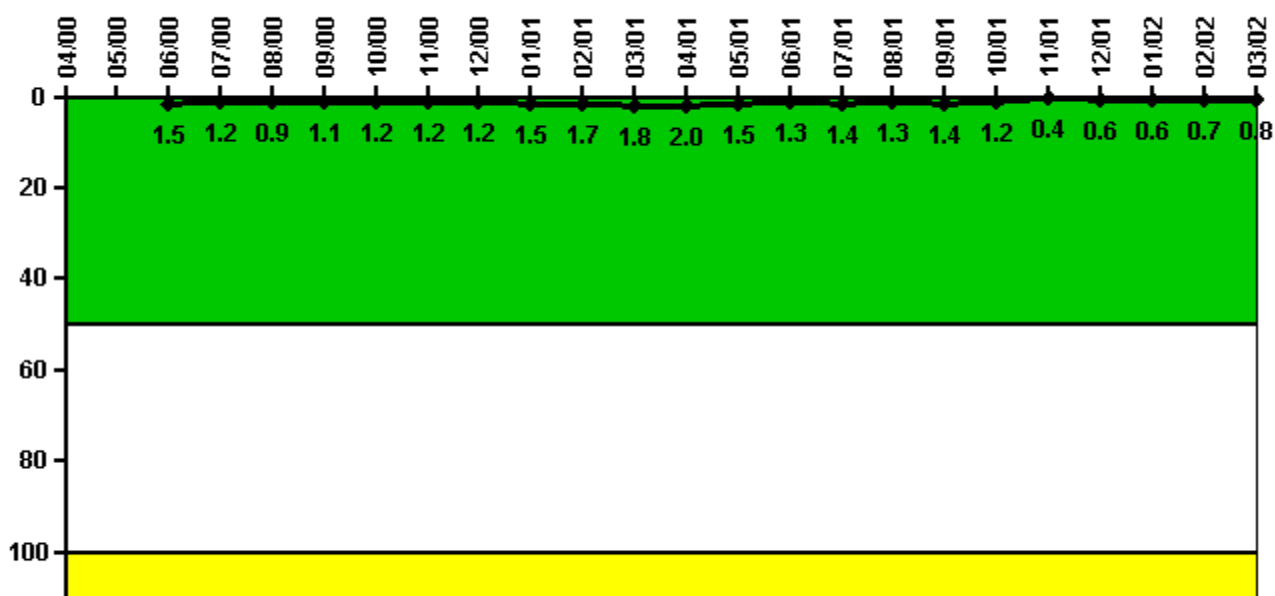
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

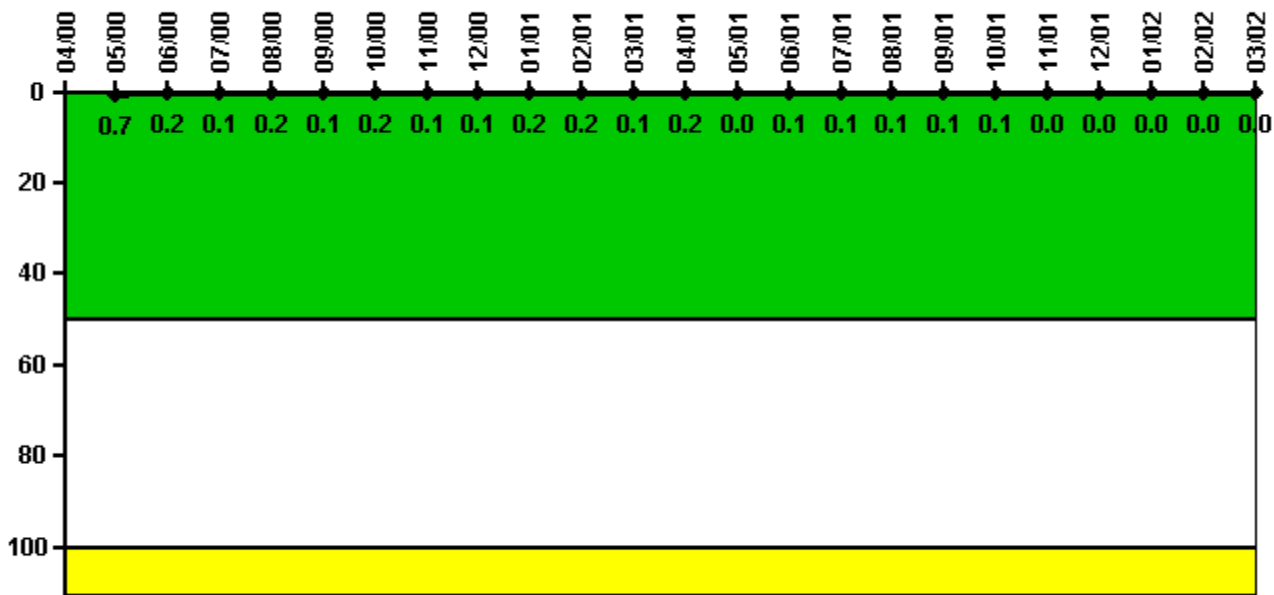
Notes

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	N/A	N/A	0.007439	0.006018	0.004440	0.005290	0.005990	0.006200	0.005943	0.007291	0.008625	0.009230
Technical specification limit	N/A	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	N/A	N/A	1.5	1.2	0.9	1.1	1.2	1.2	1.2	1.5	1.7	1.8

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	0.010230	0.007577	0.006459	0.006865	0.006441	0.006811	0.006216	0.001900	0.002883	0.003025	0.003698	0.003825
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	2.0	1.5	1.3	1.4	1.3	1.4	1.2	0.4	0.6	0.6	0.7	0.8

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

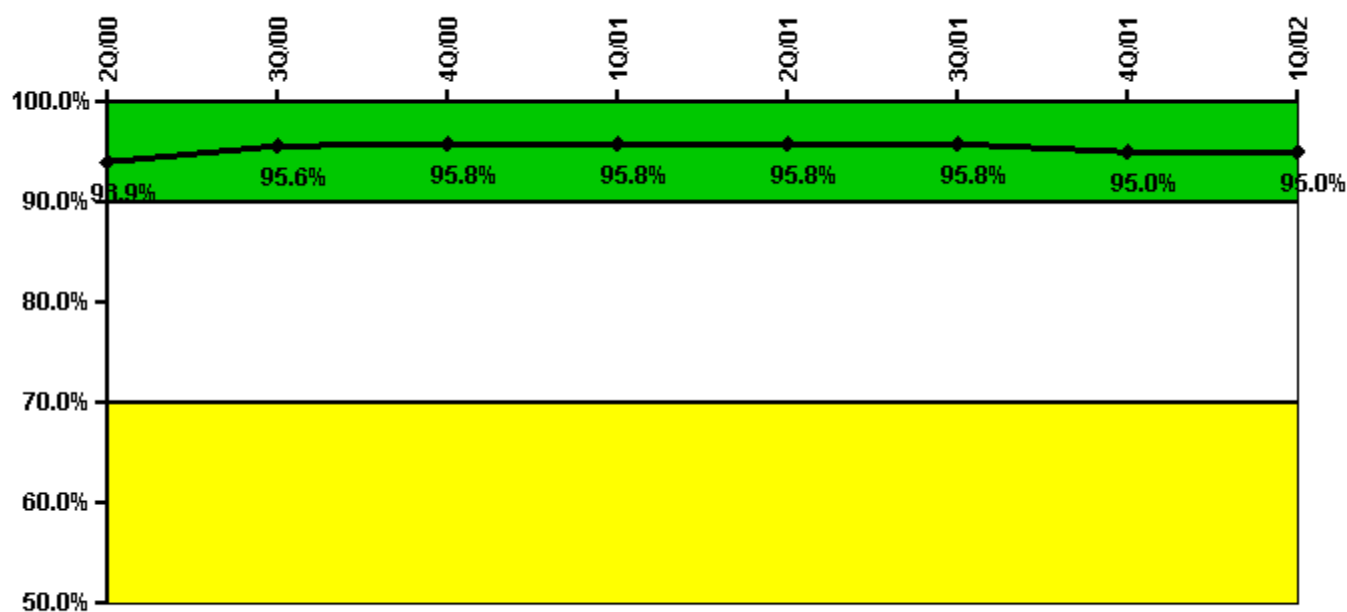
Notes

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	N/A	0.069	0.017	0.012	0.020	0.012	0.018	0.012	0.012	0.015	0.016	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	N/A	0.7	0.2	0.1	0.2	0.1	0.2	0.1	0.1	0.2	0.2	0.1

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	0.018	0	0.012	0.013	0.011	0.012	0.012	0	0	0	0	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0	0.1	0.1	0.1	0.1	0.1	0	0	0	0	0

Licensee Comments: none

Drill/Exercise Performance



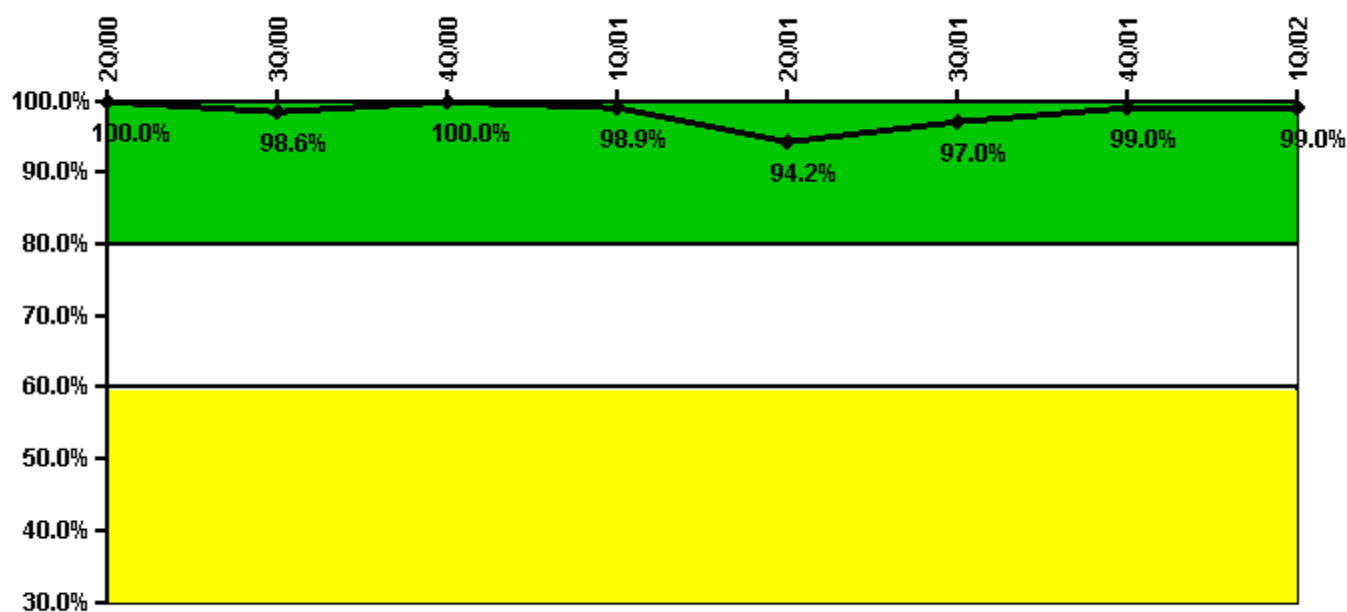
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Successful opportunities	15.0	65.0	56.0	9.0	37.0	61.0	38.0	6.0
Total opportunities	18.0	66.0	58.0	10.0	38.0	64.0	42.0	6.0
Indicator value	93.9%	95.6%	95.8%	95.8%	95.8%	95.8%	95.0%	95.0%

Licensee Comments: none

ERO Drill Participation



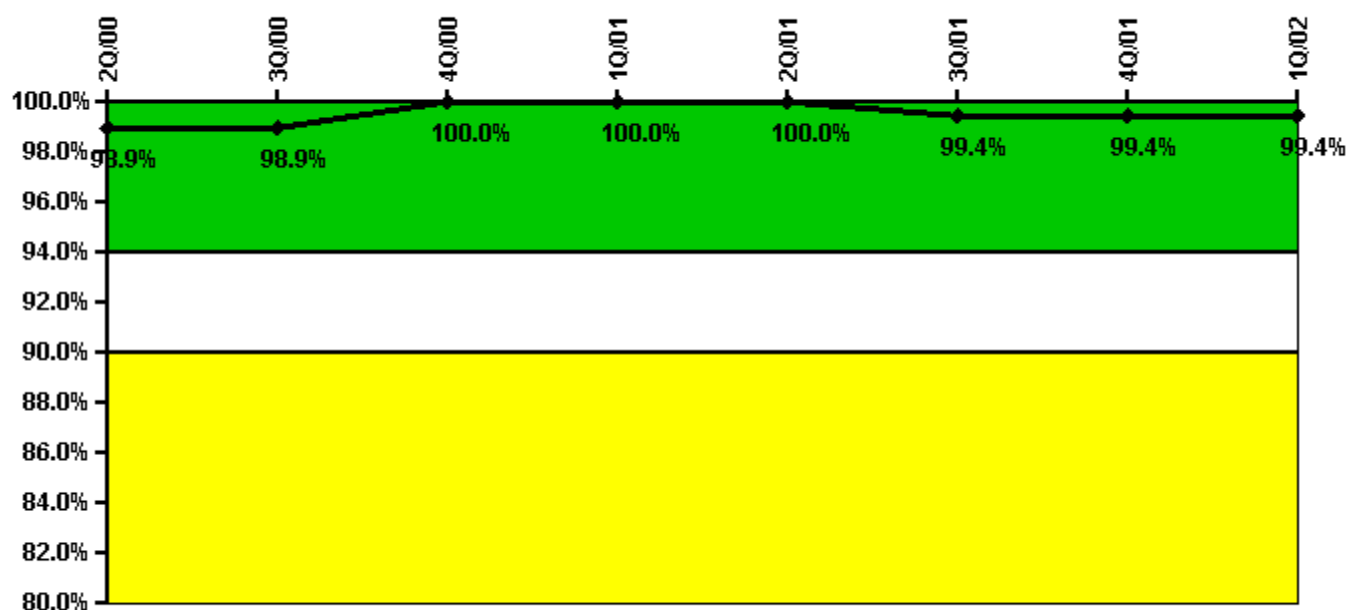
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Participating Key personnel	121.0	141.0	103.0	94.0	97.0	97.0	99.0	102.0
Total Key personnel	121.0	143.0	103.0	95.0	103.0	100.0	100.0	103.0
Indicator value	100.0%	98.6%	100.0%	98.9%	94.2%	97.0%	99.0%	99.0%

Licensee Comments: none

Alert & Notification System



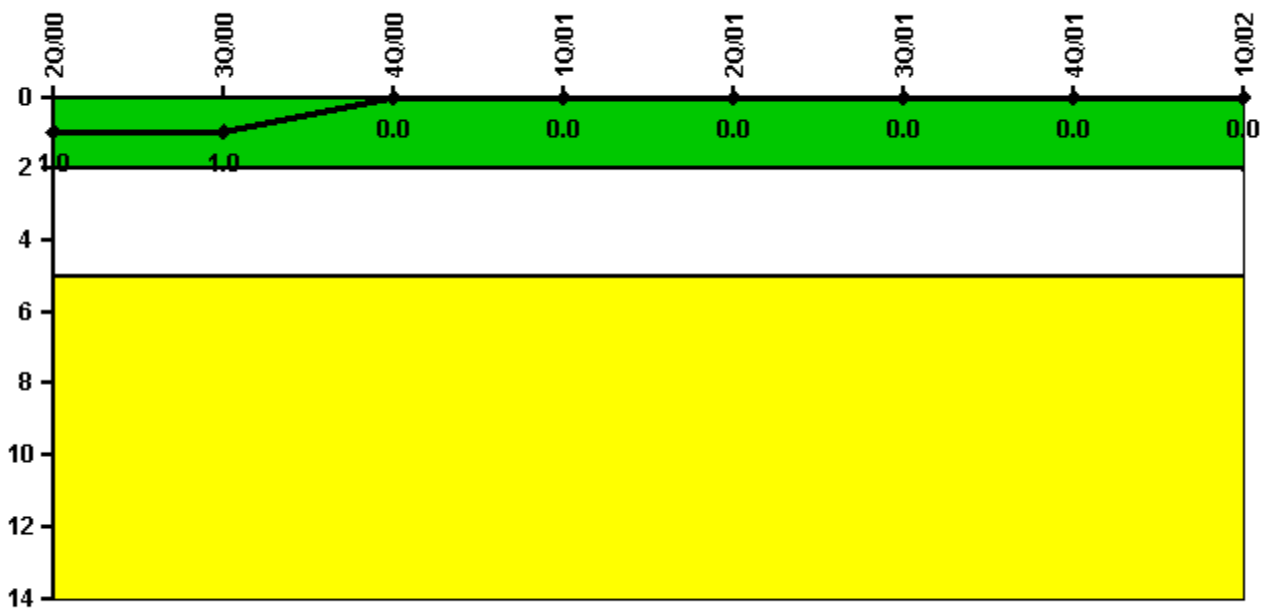
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Successful siren-tests	48	42	45	42	45	41	45	42
Total sirens-tests	48	42	45	42	45	42	45	42
Indicator value	98.9%	98.9%	100.0%	100.0%	100.0%	99.4%	99.4%	99.4%

Licensee Comments: none

Occupational Exposure Control Effectiveness

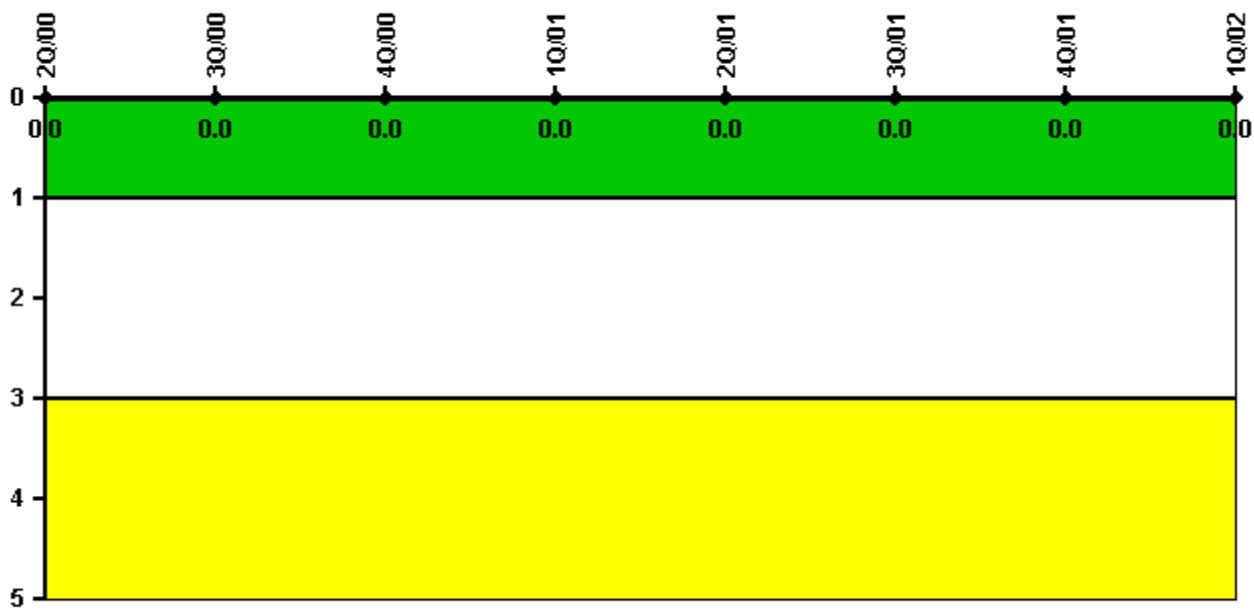


Thresholds: White > 2.0 Yellow > 5.0

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	1	1	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent

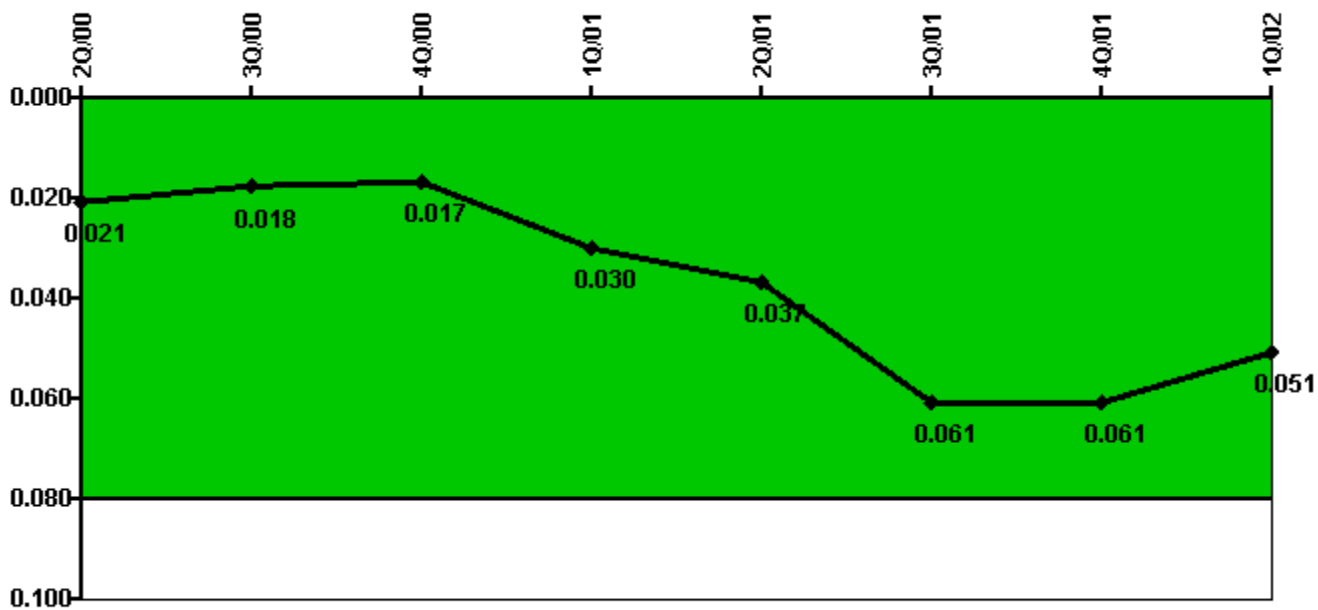
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/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	231.40	119.10	88.37	172.90	70.80	71.96	44.90	82.60
CCTV compensatory hours	0	20.7	9.3	136.8	216.4	475.5	20.5	18.9
IDS normalization factor	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
CCTV normalization factor	1.2	1.2	1.2	1.0	1.0	1.0	1.0	1.0
Index Value	0.021	0.018	0.017	0.030	0.037	0.061	0.061	0.051

Licensee Comments:

1Q/02: CCTV historical normalization factor corrected from 1.2 to 1. Comp hours unchanged. Color unaffected.

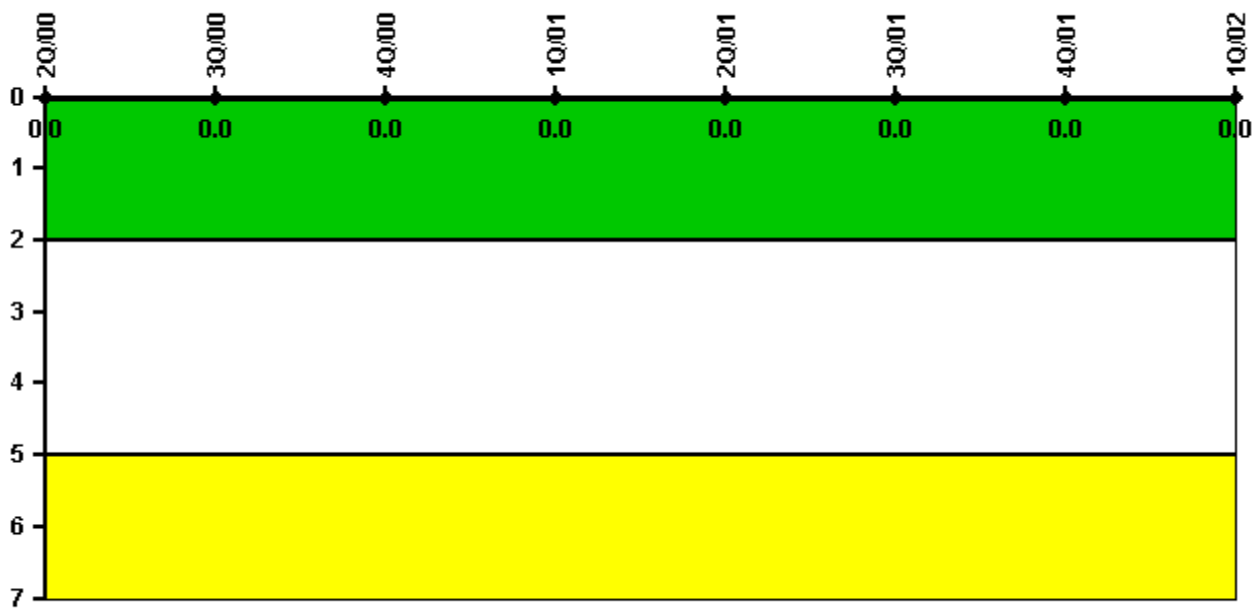
4Q/01: CCTV normalization factor corrected Q12002 from 1.2 to 1.0. Comp hours unchanged. Color unaffected.

3Q/01: CCTV normalization factor corrected Q12002 from 1.2 to 1.0. Comp hours unchanged. Color unaffected.

2Q/01: CCTV normalization factor corrected Q12002 from 1.2 to 1.0. Comp hours unchanged. Color unaffected.

1Q/01: CCTV normalization factor corrected Q12002 from 1.2 to 1.0. Comp hours unchanged. Color unaffected.

Personnel Screening Program

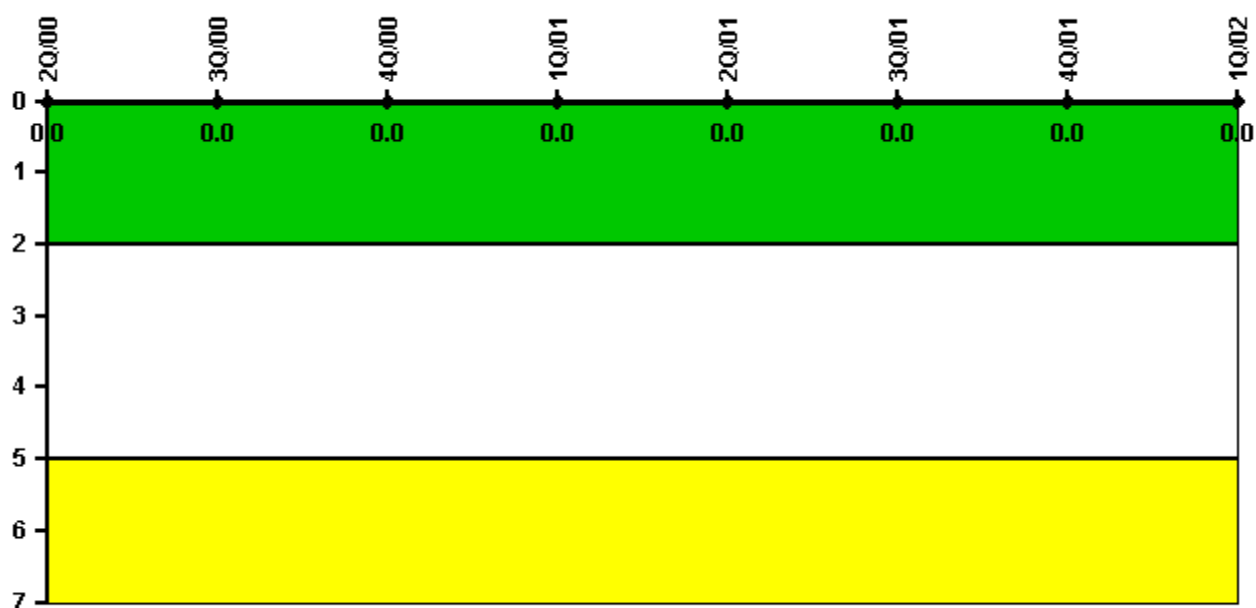


Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

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

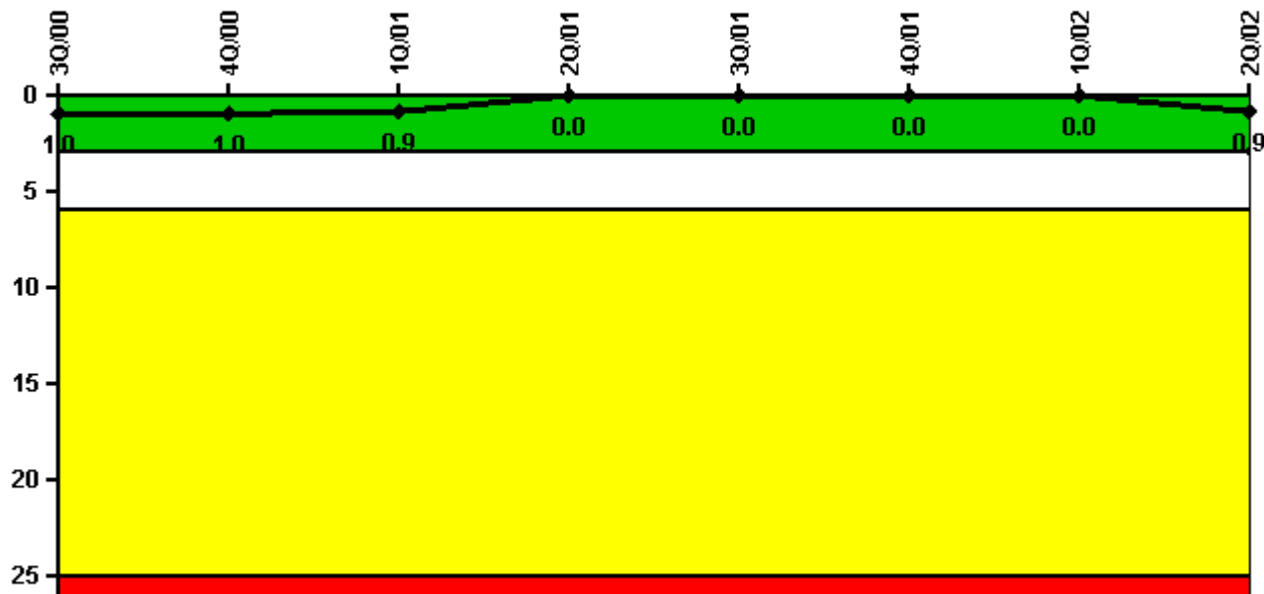
Last Modified: May 1, 2002

Farley 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	0	1.0
Critical hours	2208.0	2209.0	2160.0	2183.0	2208.0	1257.2	2160.0	2152.1
Indicator value	1.0	1.0	0.9	0	0	0	0	0.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



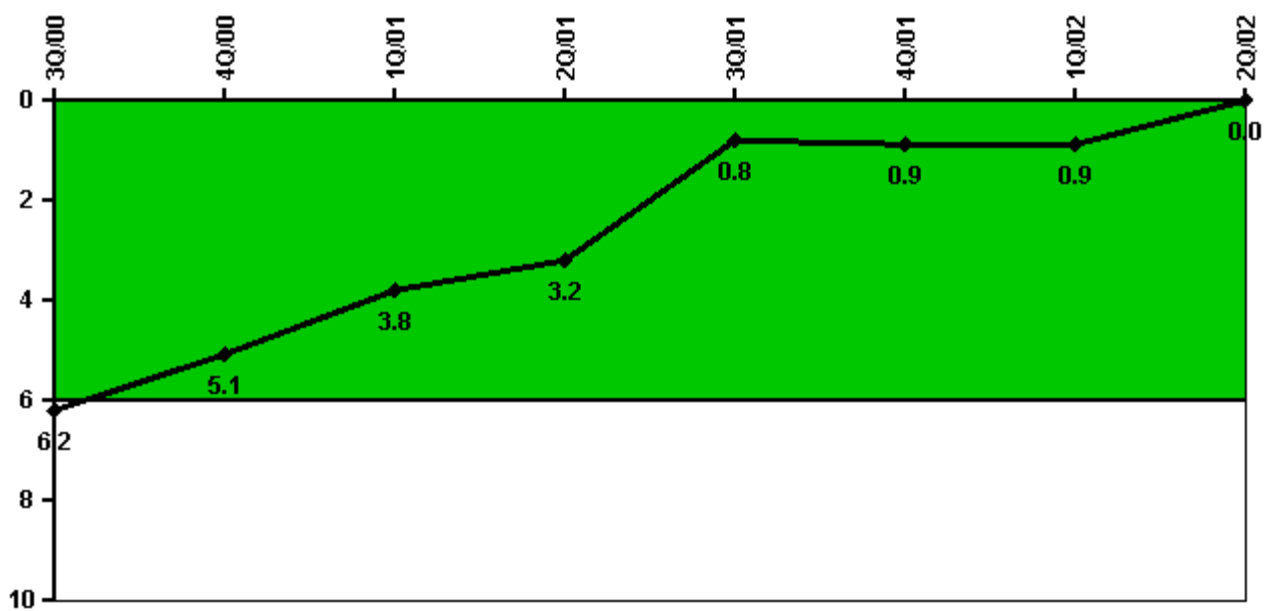
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	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



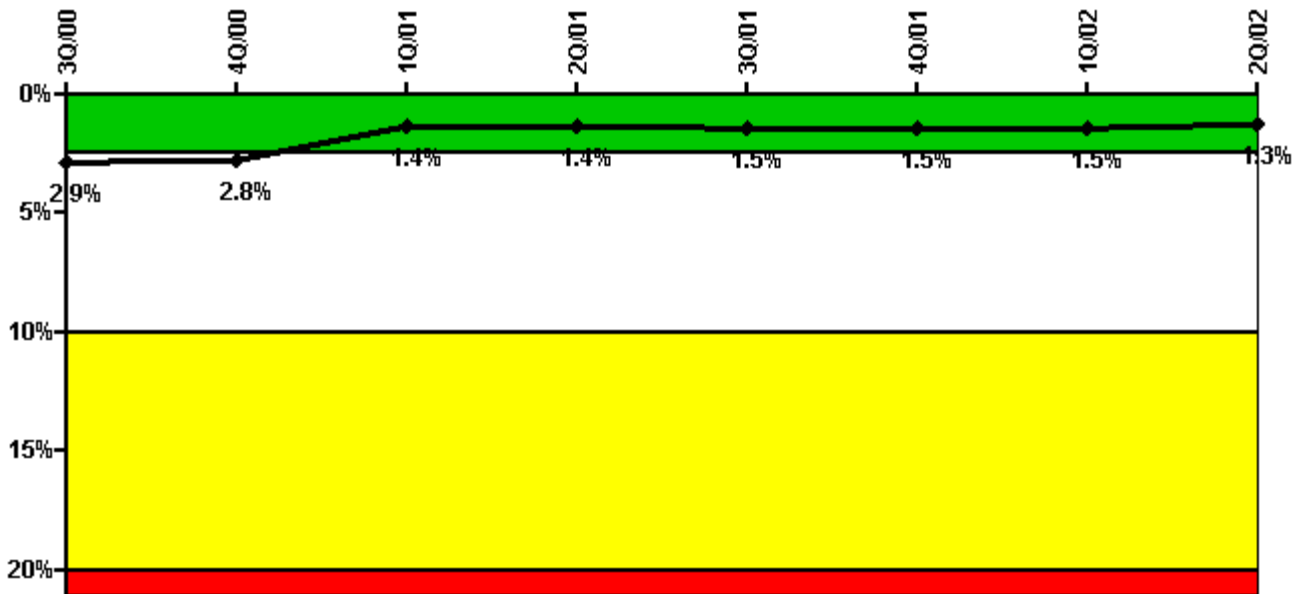
Thresholds: White > 6.0

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	3.0	0	0	1.0	0	0	0	0
Critical hours	2208.0	2209.0	2160.0	2183.0	2208.0	1257.2	2160.0	2152.1
Indicator value	6.2	5.1	3.8	3.2	0.8	0.9	0.9	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



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

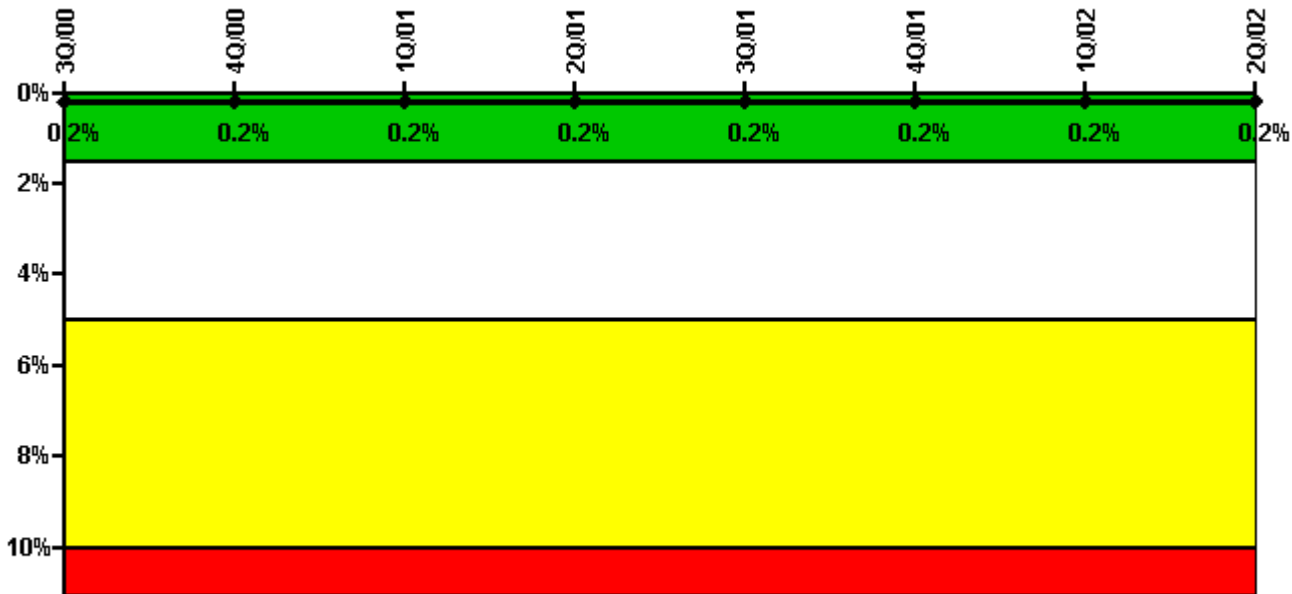
Notes

Safety System Unavailability, Emergency AC Power, >2EDG	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours	132.50	193.50	124.90	1.30	20.30	0	0.50	14.50
Unplanned unavailable hours	0.60	0	0.30	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	0	0.80	11.90	24.80	0.80	0	1.10	6.00
Unplanned unavailable hours	0	11.10	0	0	121.10	0	0	1.60
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 3								
Planned unavailable hours	0	0.70	1.30	1.00	1.30	0	13.70	4.70
Unplanned unavailable hours	13.50	0	0	0	0	0	0	5.10
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	1215.90	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	2.9%	2.8%	1.4%	1.4%	1.5%	1.5%	1.5%	1.3%

Licensee Comments:

4Q/01: Corrected Oct 2001 and Nov 2001 Hours Required with Q2 2002 submittal. Color unaffected.

Safety System Unavailability, High Pressure Injection System (HPSI)



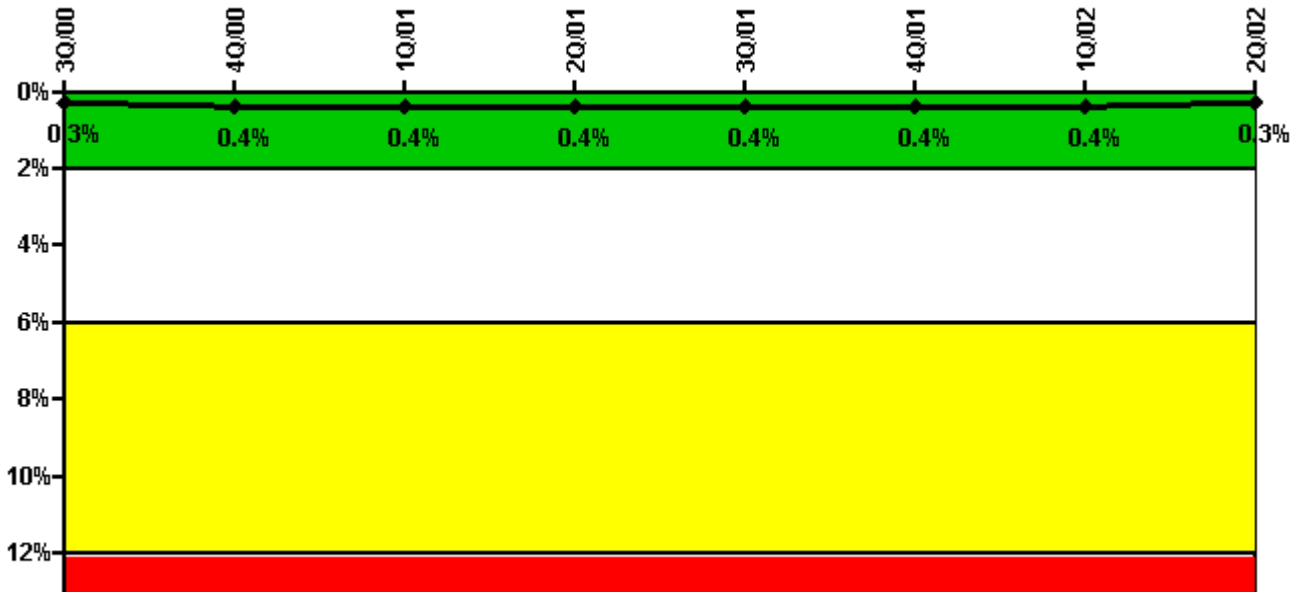
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

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	5.40	6.40	5.70	4.40	2.80	3.90	5.50	3.00
Unplanned unavailable hours	0.60	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	1257.20	2160.00	2152.05
Train 2								
Planned unavailable hours	3.30	6.20	5.60	9.00	6.30	2.30	7.20	6.40
Unplanned unavailable hours	0	0.30	0.30	0	0	0	0	0
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	1257.20	2160.00	2152.05
Indicator value	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



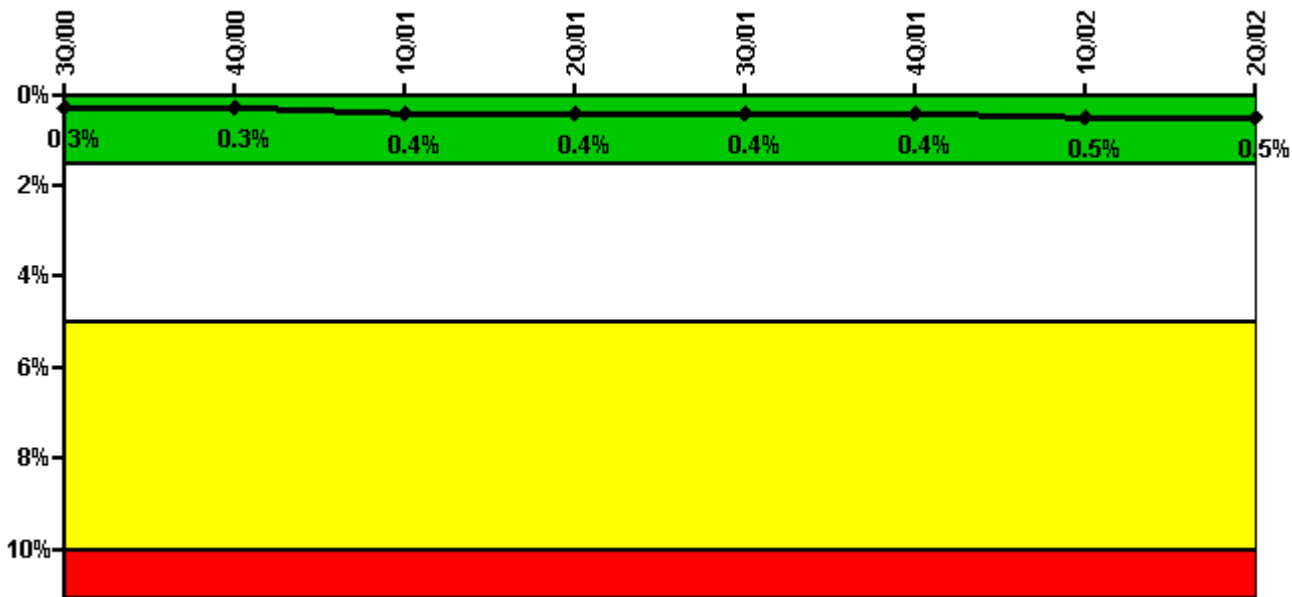
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours	6.00	17.70	5.70	4.40	2.80	2.60	5.50	3.00
Unplanned unavailable hours	0.60	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	1257.20	2160.00	2152.05
Train 2								
Planned unavailable hours	3.90	7.30	7.30	2.60	5.30	2.30	7.20	6.40
Unplanned unavailable hours	0	0.30	0.40	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	1257.20	2160.00	2152.05
Train 3								
Planned unavailable hours	1.50	38.10	2.00	0.50	0.40	1.60	0.90	0.60
Unplanned unavailable hours	0	0	16.00	0	33.20	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	1257.20	2160.00	2152.05
Indicator value	0.3%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.3%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



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

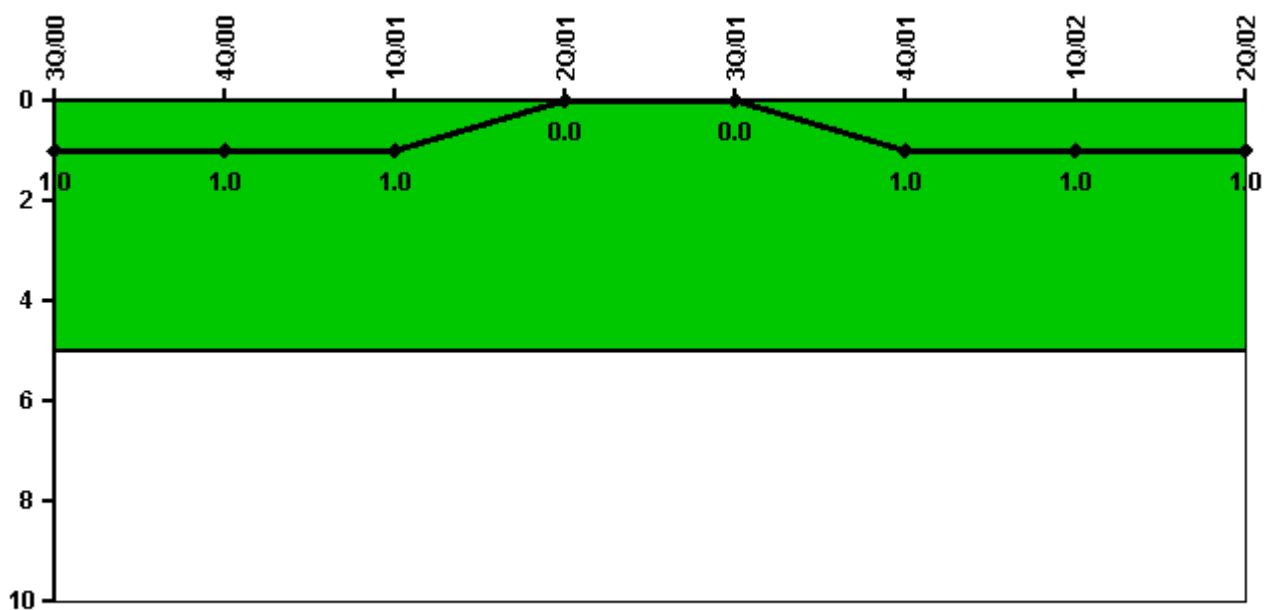
Notes

Safety System Unavailability, Residual Heat Removal System	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours	13.50	7.80	19.80	20.70	3.30	16.40	6.00	10.60
Unplanned unavailable hours	0.60	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	15.20	6.60	26.30	9.40	15.80	3.10	18.70	7.20
Unplanned unavailable hours	0	0.30	0.30	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	0.3%	0.3%	0.4%	0.4%	0.4%	0.4%	0.5%	0.5%

Licensee Comments:

4Q/01: Corrected Oct 2001 and Nov 2001 Hours Required with Q2 2002 submittal. Color unaffected.

Safety System Functional Failures (PWR)



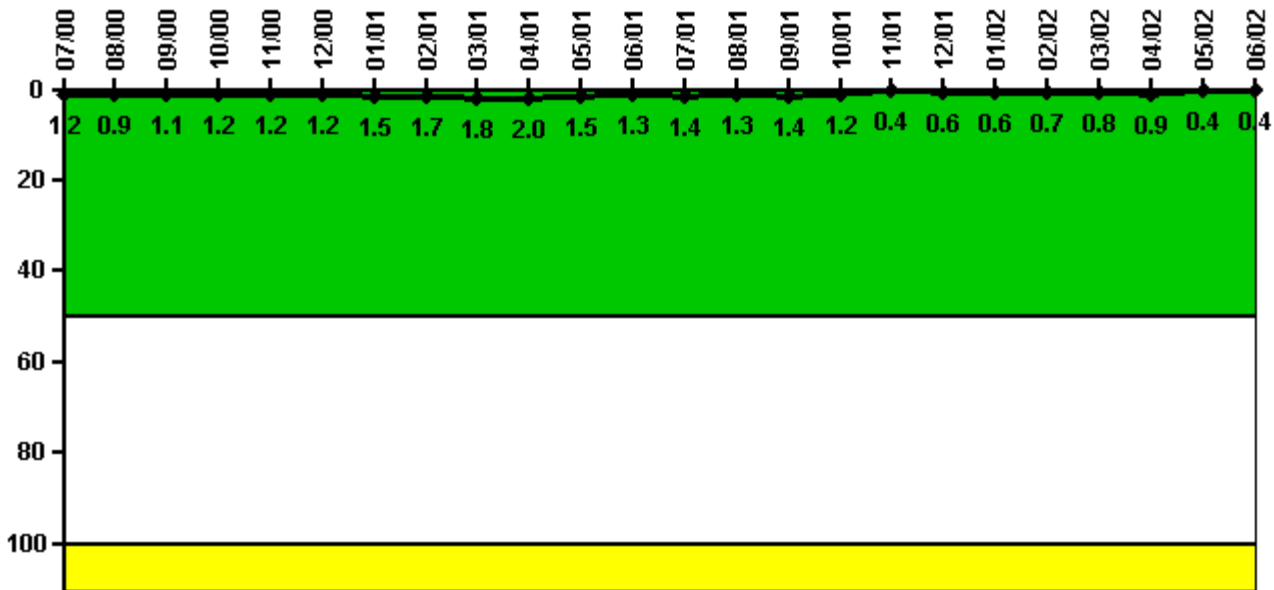
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

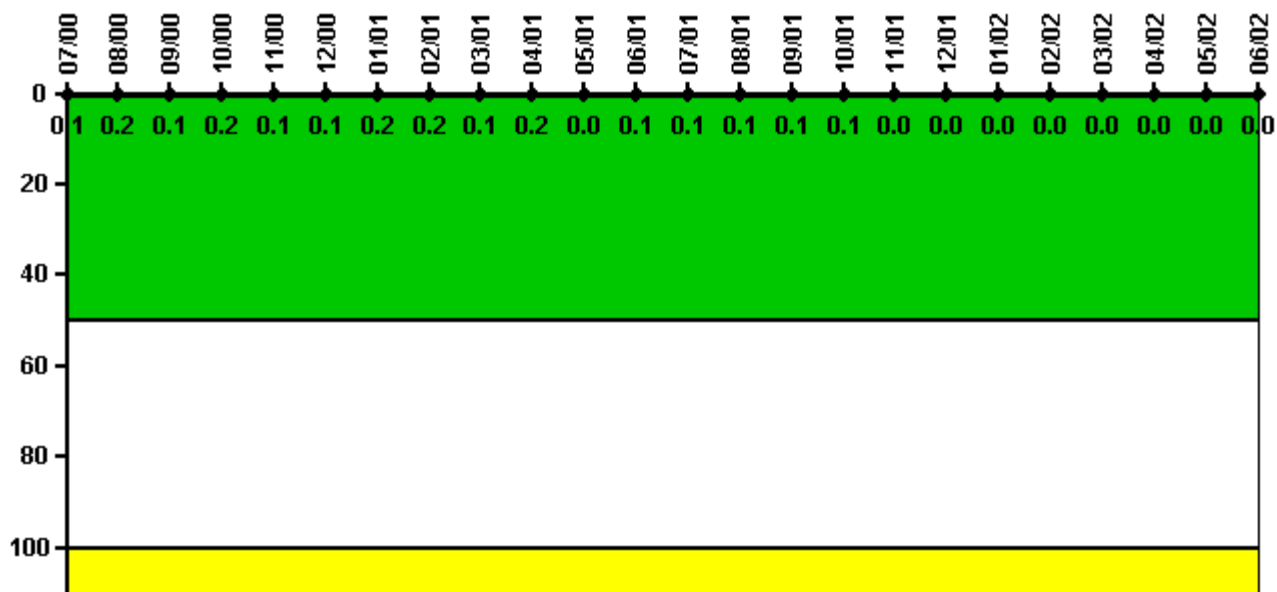
Notes

Reactor Coolant System Activity	7/00	8/00	9/00	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum activity	0.006018	0.004440	0.005290	0.005990	0.006200	0.005943	0.007291	0.008625	0.009230	0.010230	0.007577	0.006459
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	1.2	0.9	1.1	1.2	1.2	1.2	1.5	1.7	1.8	2.0	1.5	1.3

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	0.006865	0.006441	0.006811	0.006216	0.001900	0.002883	0.003025	0.003698	0.003825	0.004250	0.002002	0.002161
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	1.4	1.3	1.4	1.2	0.4	0.6	0.6	0.7	0.8	0.9	0.4	0.4

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

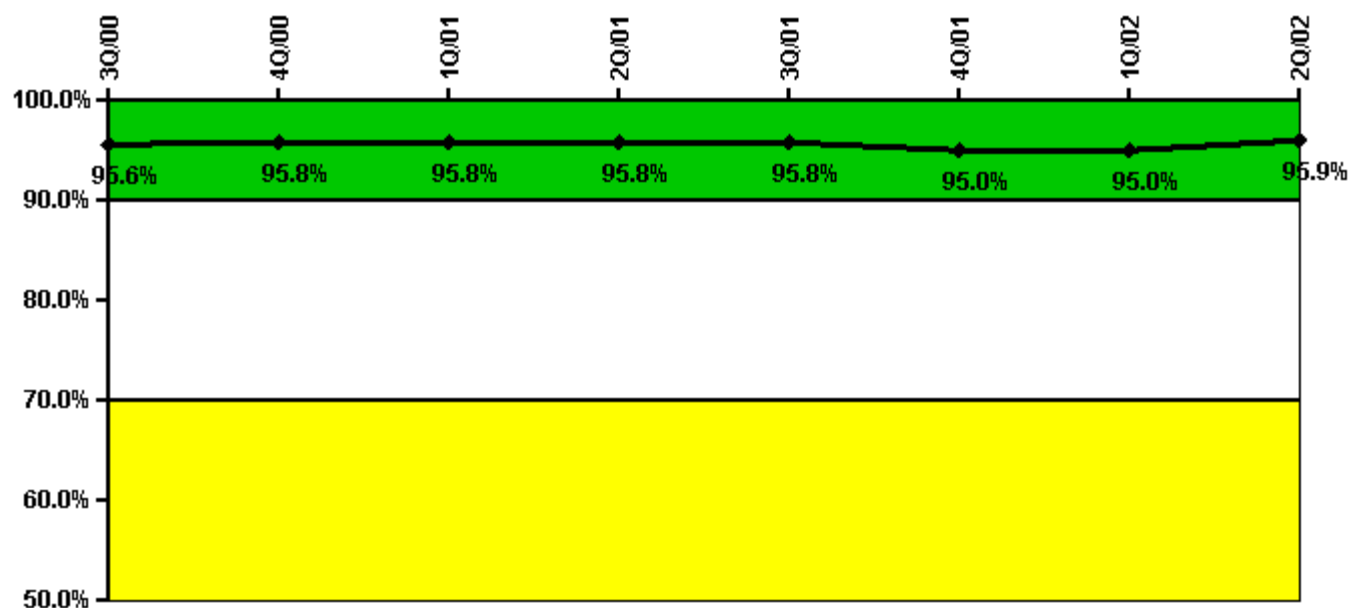
Notes

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	0.012	0.020	0.012	0.018	0.012	0.012	0.015	0.016	0.012	0.018	0	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	0.1	0.2	0.1	0.2	0.1	0.1	0.2	0.2	0.1	0.2	0	0.1

Reactor Coolant System Leakage	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02
Maximum leakage	0.013	0.011	0.012	0.012	0	0	0	0	0	0	0	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.1	0.1	0.1	0	0	0	0	0	0	0	0

Licensee Comments: none

Drill/Exercise Performance



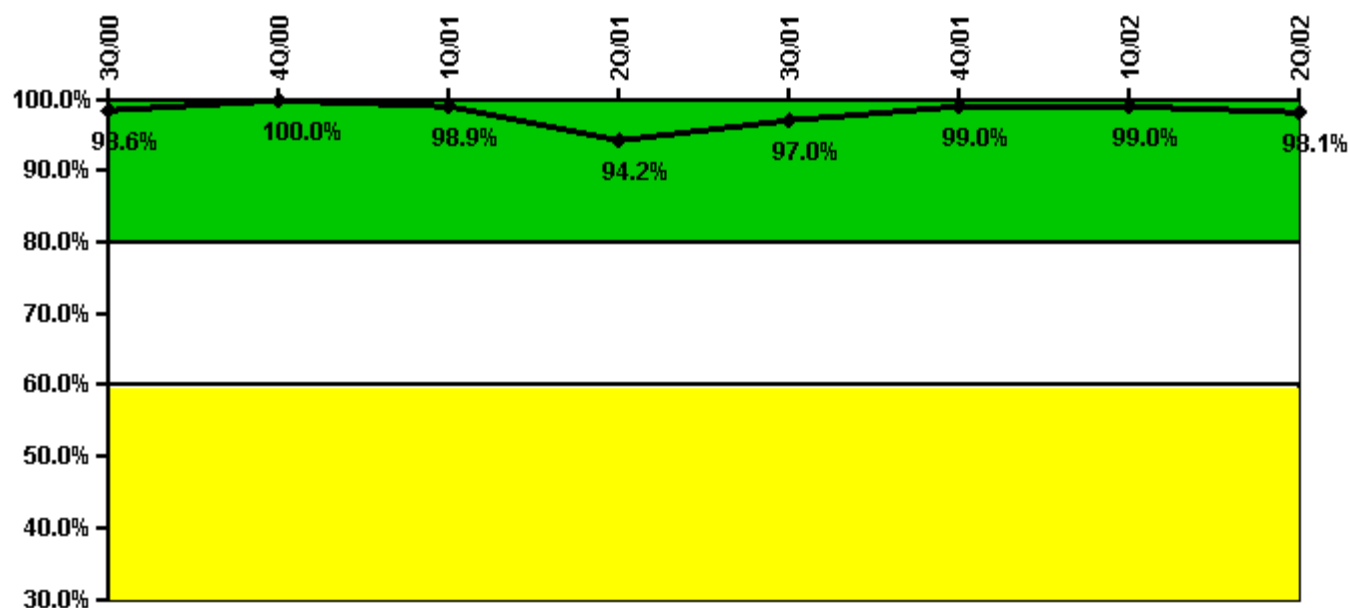
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Successful opportunities	65.0	56.0	9.0	37.0	61.0	38.0	6.0	79.0
Total opportunities	66.0	58.0	10.0	38.0	64.0	42.0	6.0	82.0
Indicator value	95.6%	95.8%	95.8%	95.8%	95.8%	95.0%	95.0%	95.9%

Licensee Comments: none

ERO Drill Participation



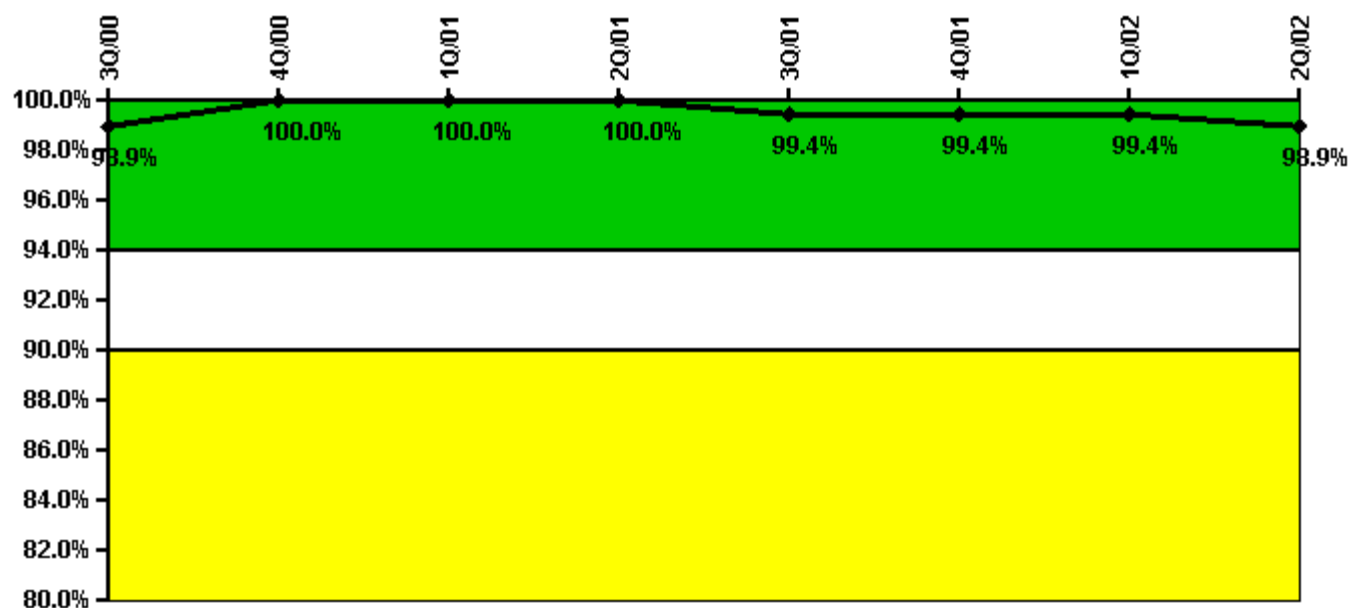
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Participating Key personnel	141.0	103.0	94.0	97.0	97.0	99.0	102.0	106.0
Total Key personnel	143.0	103.0	95.0	103.0	100.0	100.0	103.0	108.0
Indicator value	98.6%	100.0%	98.9%	94.2%	97.0%	99.0%	99.0%	98.1%

Licensee Comments: none

Alert & Notification System



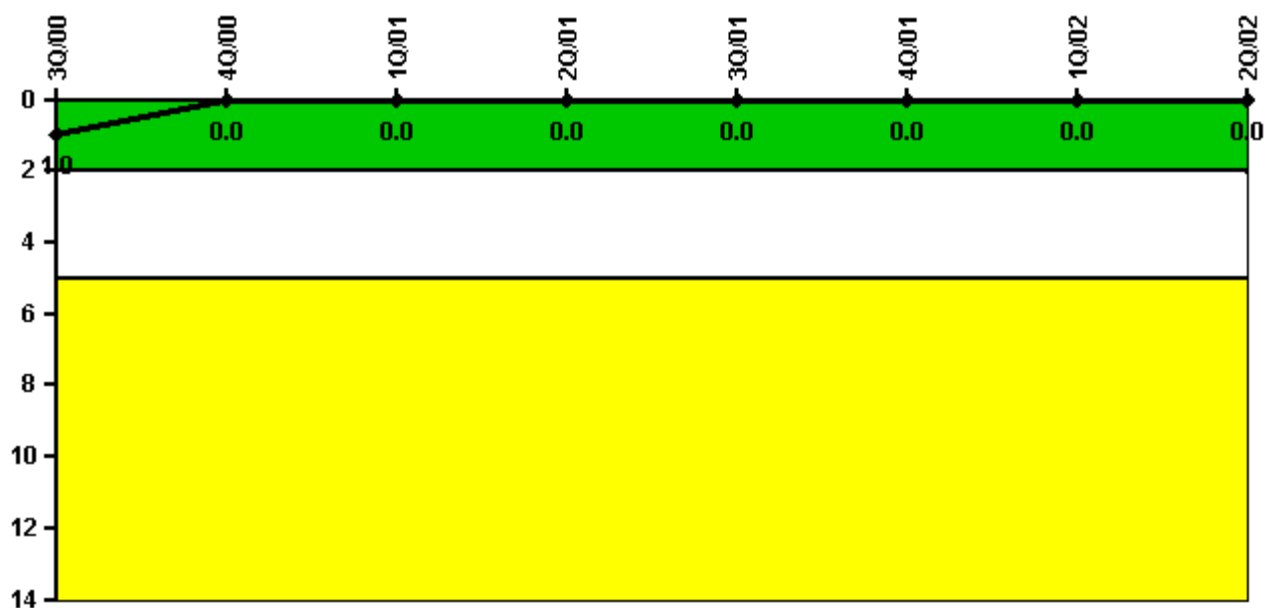
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Successful siren-tests	42	45	42	45	41	45	42	44
Total sirens-tests	42	45	42	45	42	45	42	45
Indicator value	98.9%	100.0%	100.0%	100.0%	99.4%	99.4%	99.4%	98.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness

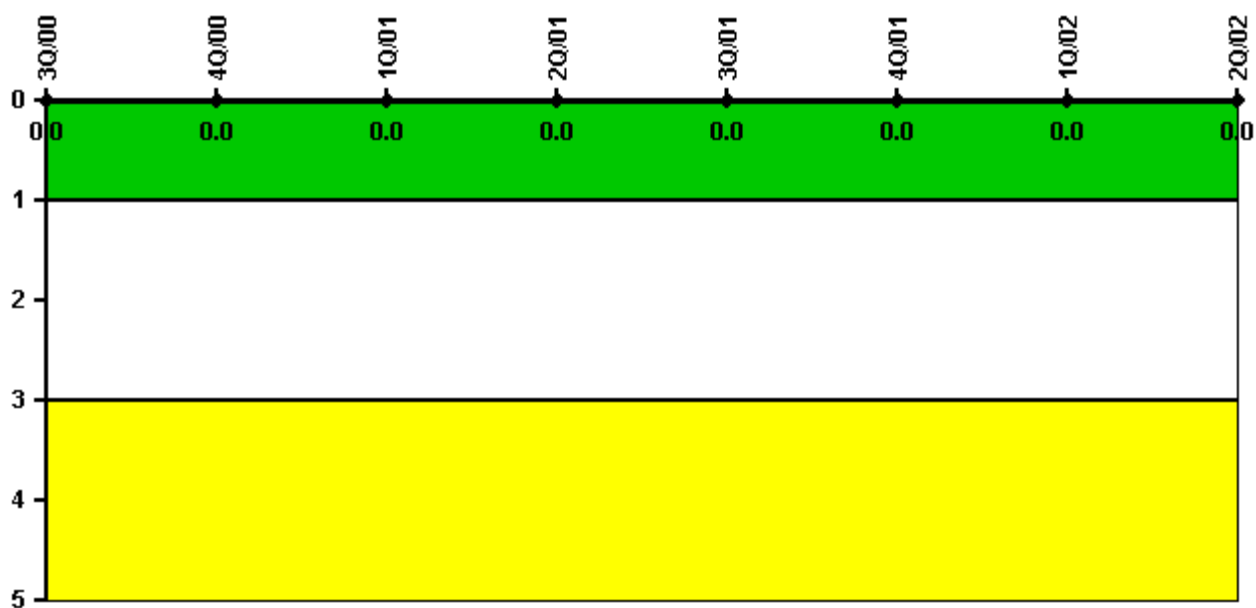


Thresholds: White > 2.0 Yellow > 5.0

Notes

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

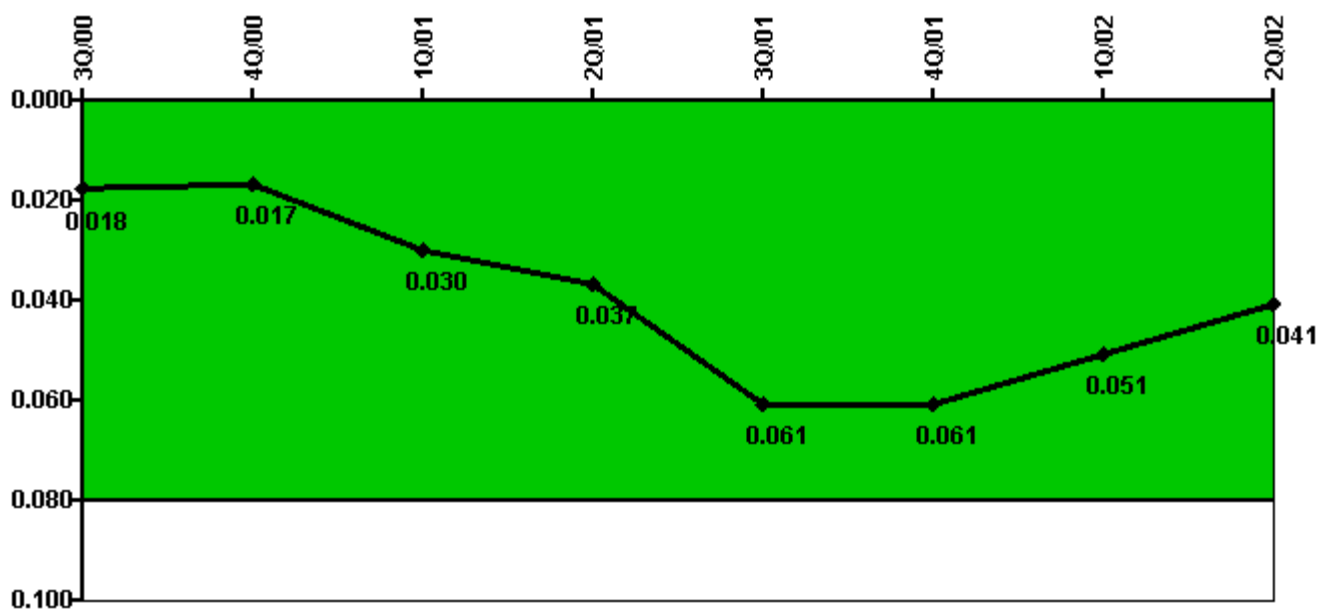
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	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



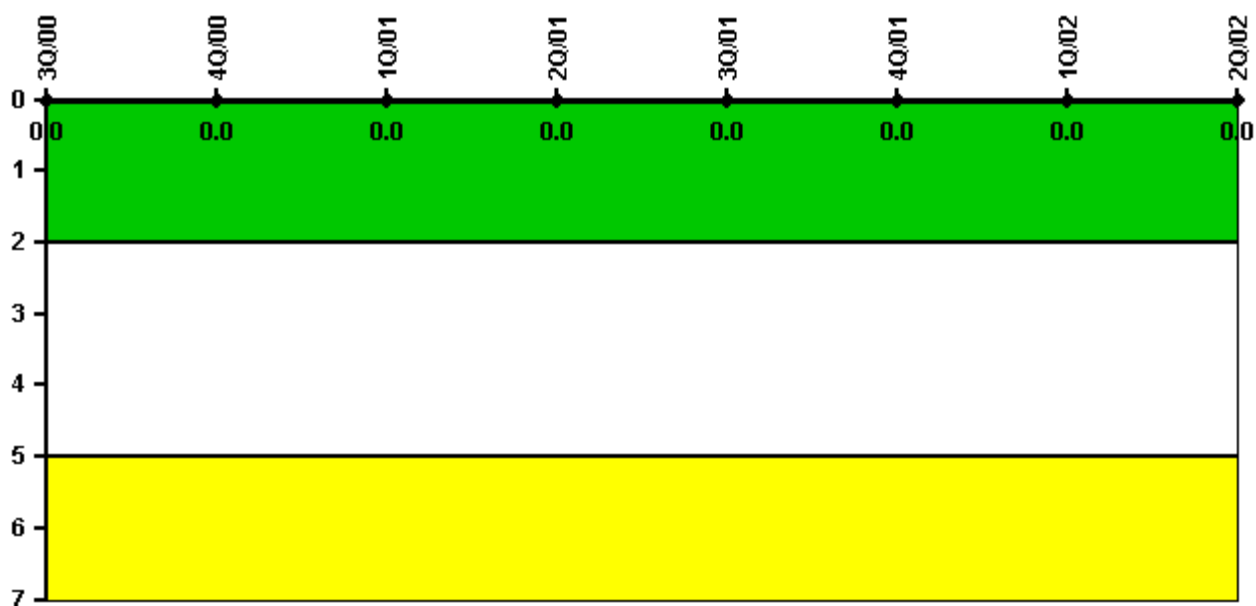
Thresholds: White > 0.080

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	119.10	88.37	172.90	70.80	71.96	44.90	82.60	104.00
CCTV compensatory hours	20.7	9.3	136.8	216.4	475.5	20.5	18.9	29.8
IDS normalization factor	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
CCTV normalization factor	1.2	1.2	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.018	0.017	0.030	0.037	0.061	0.061	0.051	0.041

Licensee Comments: none

Personnel Screening Program



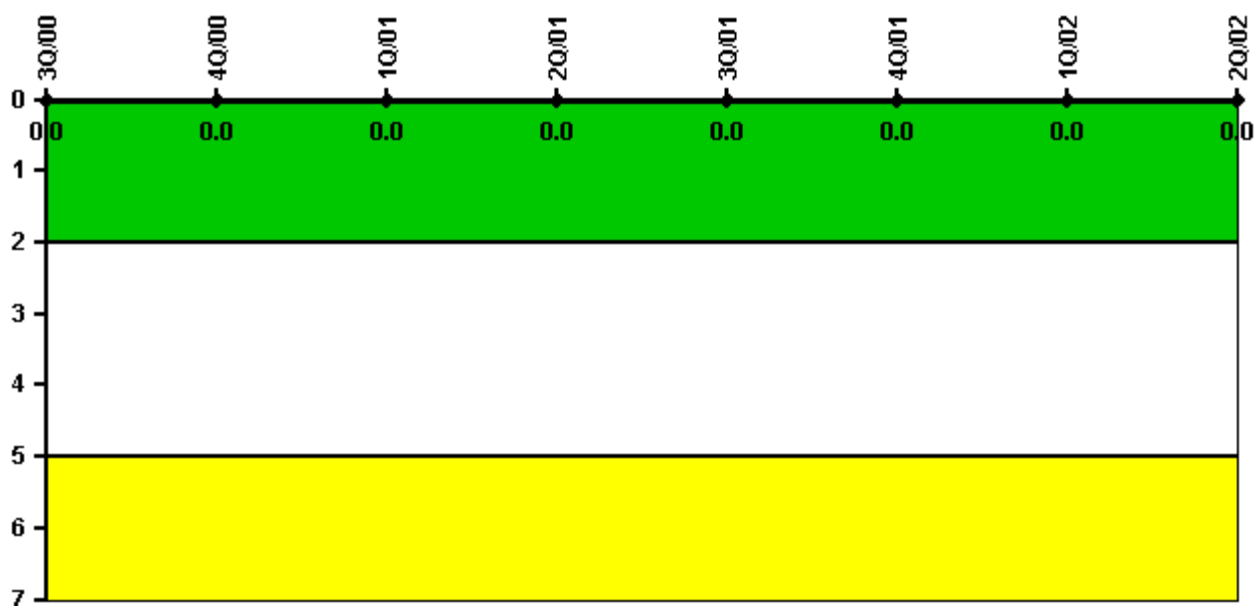
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

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

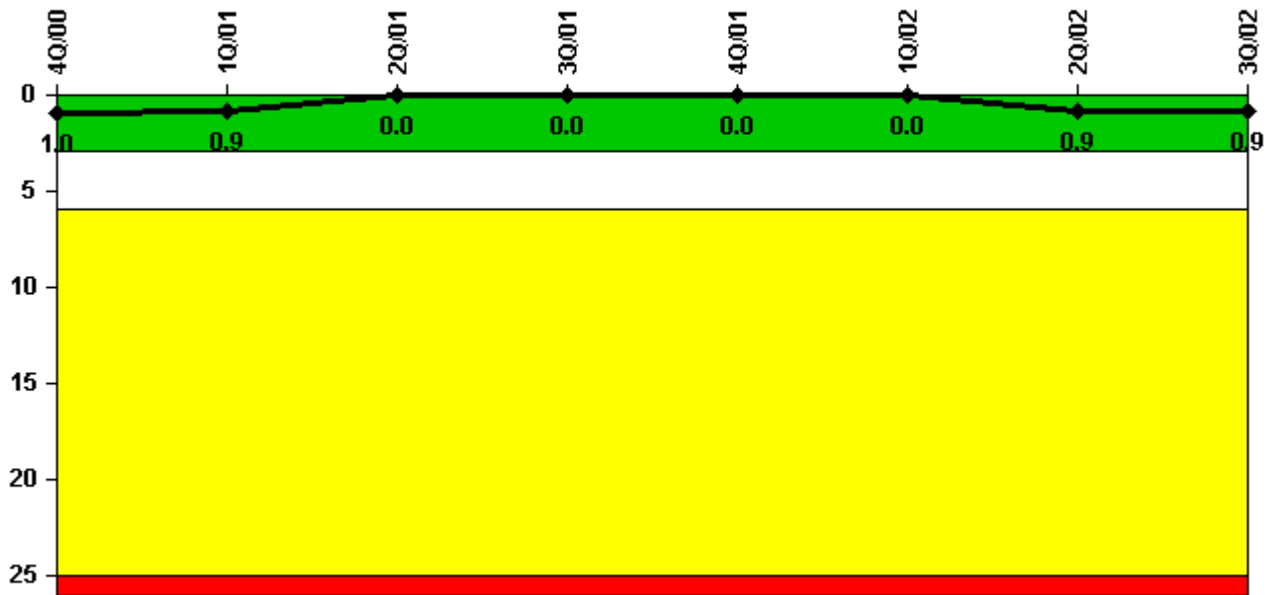
Last Modified: July 31, 2002

Farley 1

3Q/2002 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



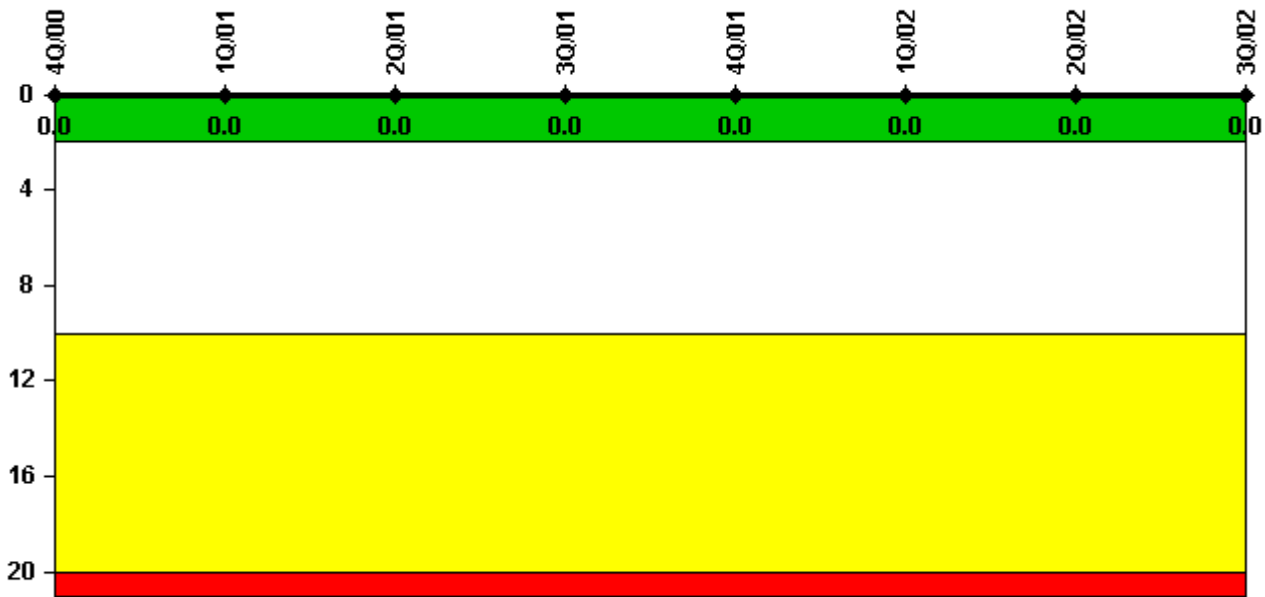
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	0	1.0	0
Critical hours	2209.0	2160.0	2183.0	2208.0	1257.2	2160.0	2152.1	2208.0
Indicator value	1.0	0.9	0	0	0	0	0.9	0.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



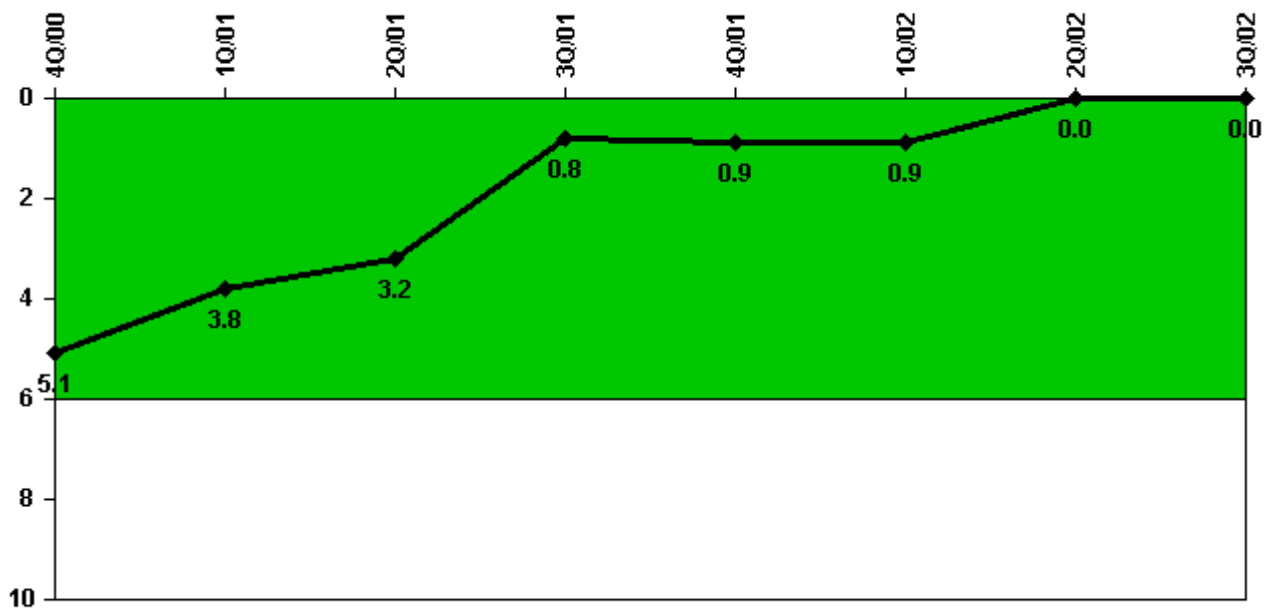
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	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



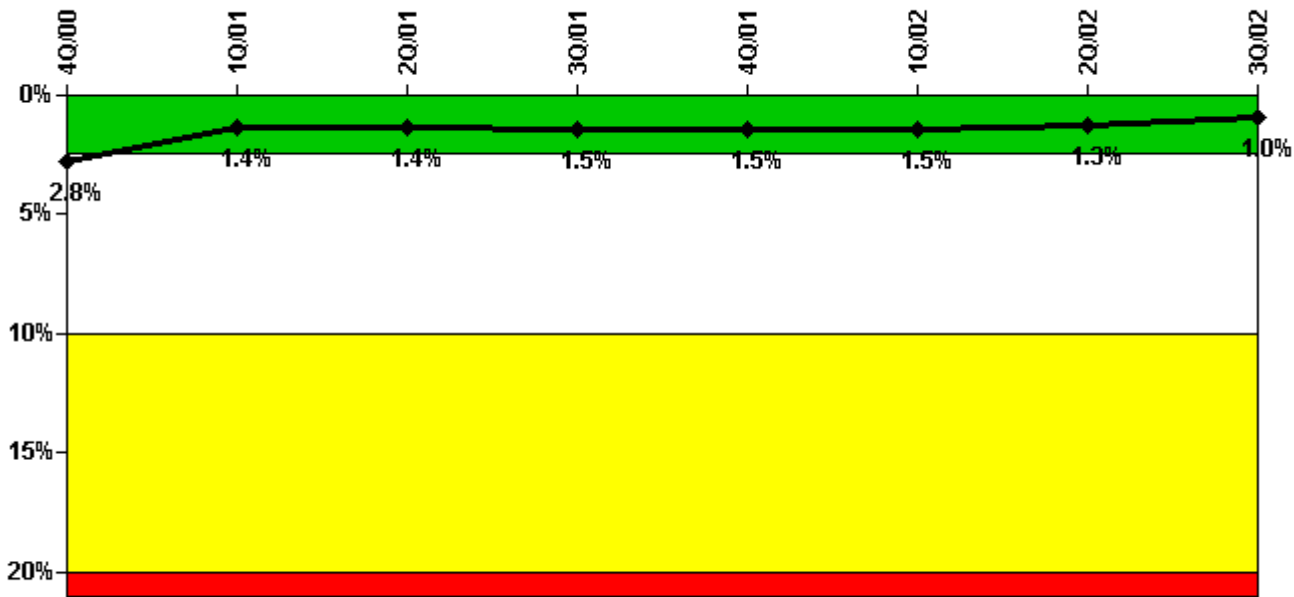
Thresholds: White > 6.0

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	1.0	0	0	0	0	0
Critical hours	2209.0	2160.0	2183.0	2208.0	1257.2	2160.0	2152.1	2208.0
Indicator value	5.1	3.8	3.2	0.8	0.9	0.9	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



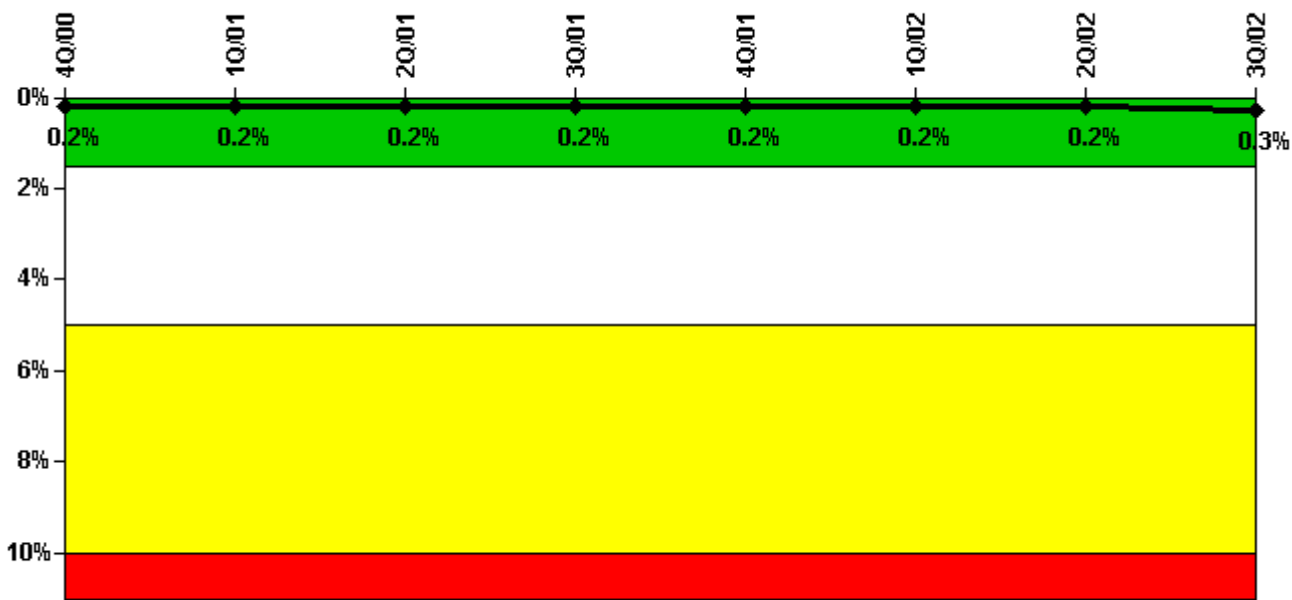
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Train 1								
Planned unavailable hours	193.50	124.90	1.30	20.30	0	0.50	14.50	10.50
Unplanned unavailable hours	0	0.30	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	0.80	11.90	24.80	0.80	0	1.10	6.00	13.80
Unplanned unavailable hours	11.10	0	0	121.10	0	0	1.60	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 3								
Planned unavailable hours	0.70	1.30	1.00	1.30	0	13.70	4.70	7.80
Unplanned unavailable hours	0	0	0	0	0	0	5.10	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	1215.90	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	2.8%	1.4%	1.4%	1.5%	1.5%	1.5%	1.3%	1.0%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



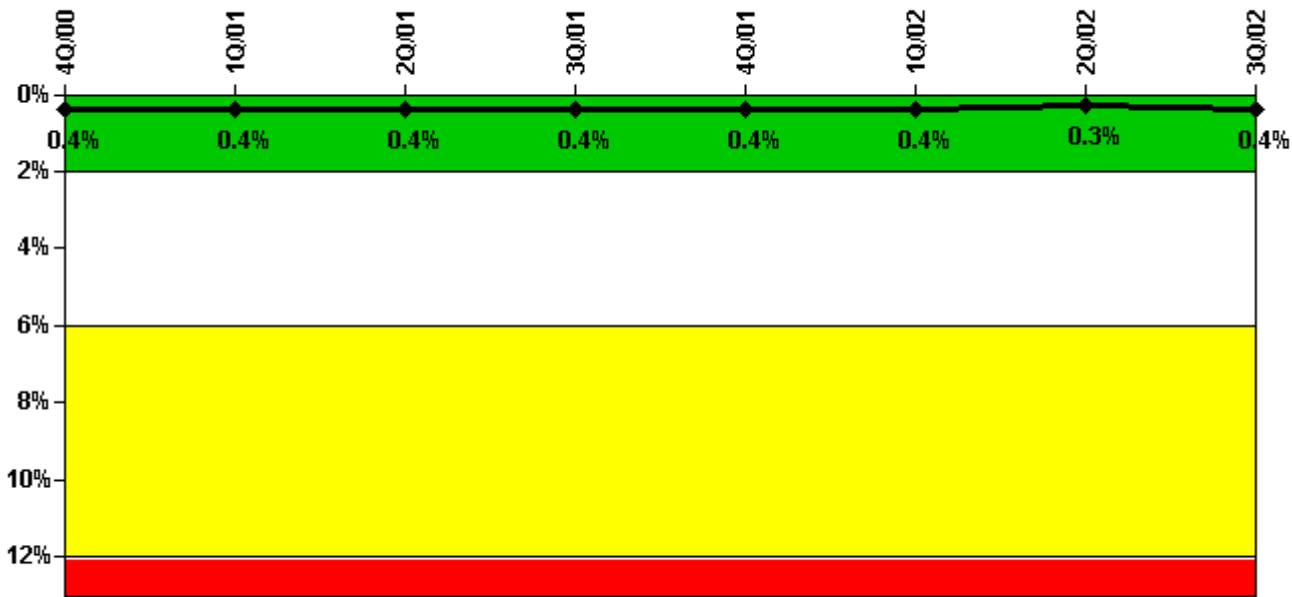
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Train 1								
Planned unavailable hours	6.40	5.70	4.40	2.80	3.90	5.50	3.00	3.50
Unplanned unavailable hours	0	0	0	0	0	0	0	22.10
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	1257.20	2160.00	2152.05	2208.00
Train 2								
Planned unavailable hours	6.20	5.60	9.00	6.30	2.30	7.20	6.40	3.90
Unplanned unavailable hours	0.30	0.30	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	1257.20	2160.00	2152.05	2208.00
Indicator value	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.3%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



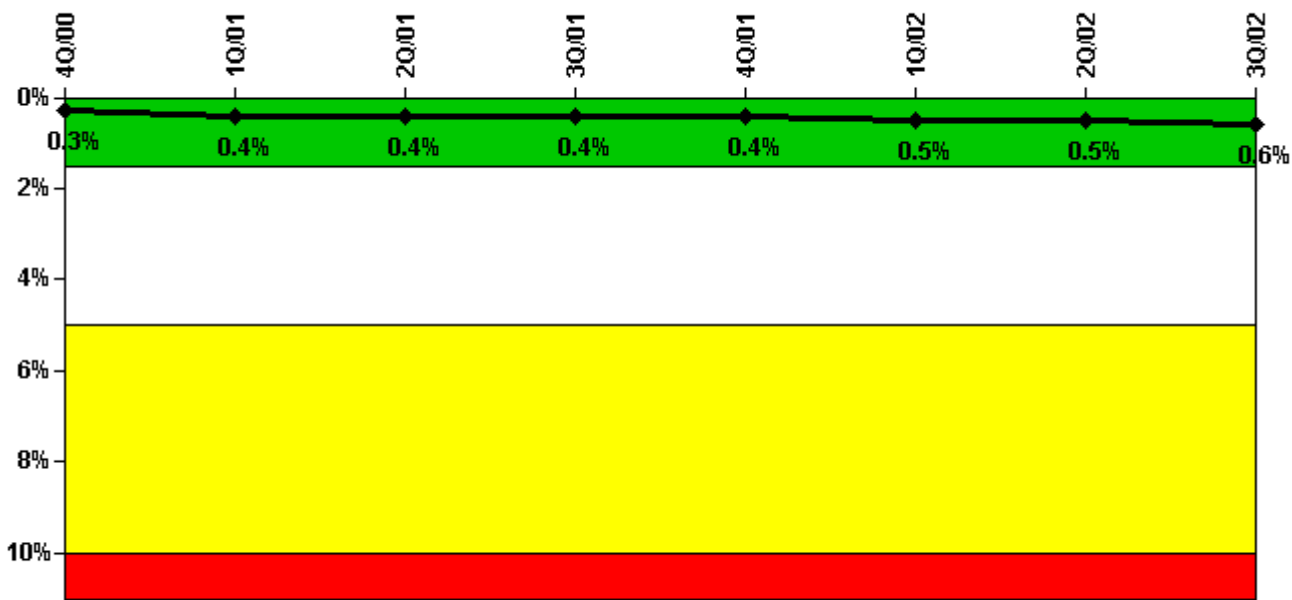
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Train 1								
Planned unavailable hours	17.70	5.70	4.40	2.80	2.60	5.50	3.00	5.20
Unplanned unavailable hours	0	0	0	0	0	0	0	22.10
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	1257.20	2160.00	2152.05	2208.00
Train 2								
Planned unavailable hours	7.30	7.30	2.60	5.30	2.30	7.20	6.40	4.60
Unplanned unavailable hours	0.30	0.40	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	1257.20	2160.00	2152.05	2208.00
Train 3								
Planned unavailable hours	38.10	2.00	0.50	0.40	1.60	0.90	0.60	9.90
Unplanned unavailable hours	0	16.00	0	33.20	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	1257.20	2160.00	2152.05	2208.00
Indicator value	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.3%	0.4%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



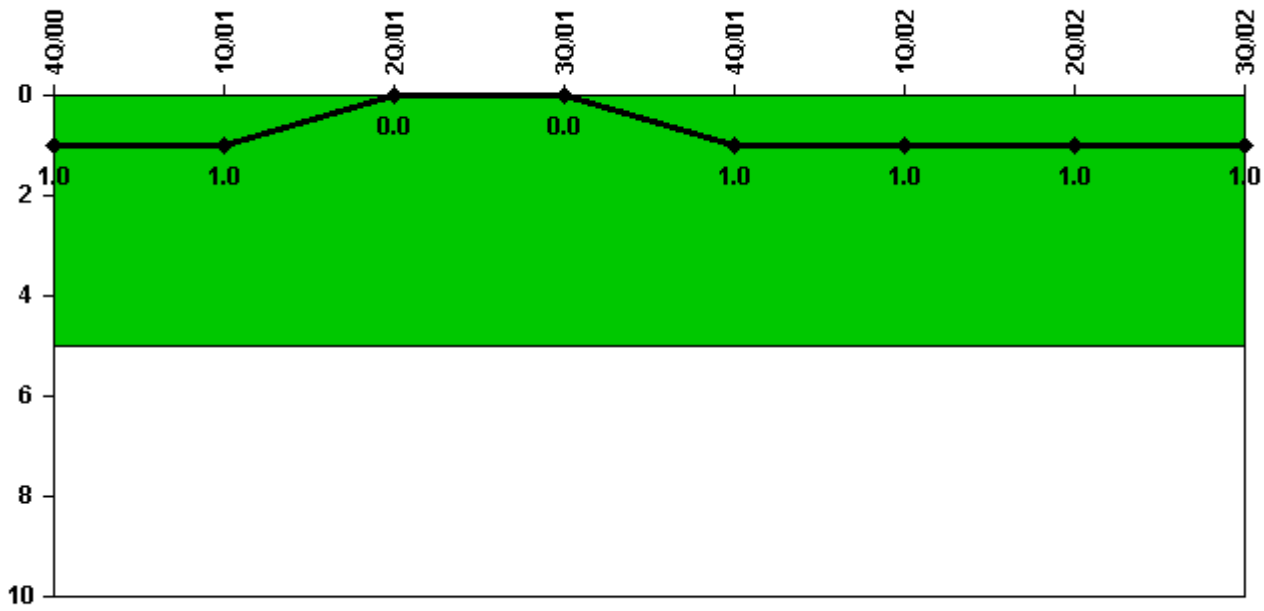
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Train 1								
Planned unavailable hours	7.80	19.80	20.70	3.30	16.40	6.00	10.60	4.00
Unplanned unavailable hours	0	0	0	0	0	0	0	22.10
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	6.60	26.30	9.40	15.80	3.10	18.70	7.20	18.20
Unplanned unavailable hours	0.30	0.30	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	0.3%	0.4%	0.4%	0.4%	0.4%	0.5%	0.5%	0.6%

Licensee Comments: none

Safety System Functional Failures (PWR)



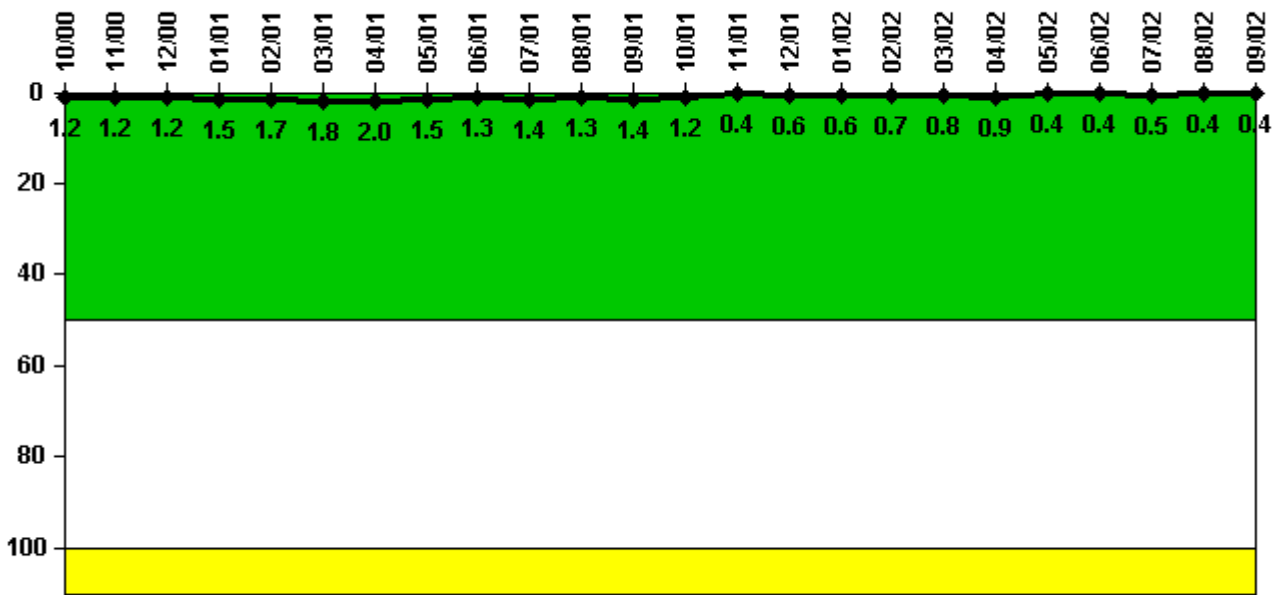
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

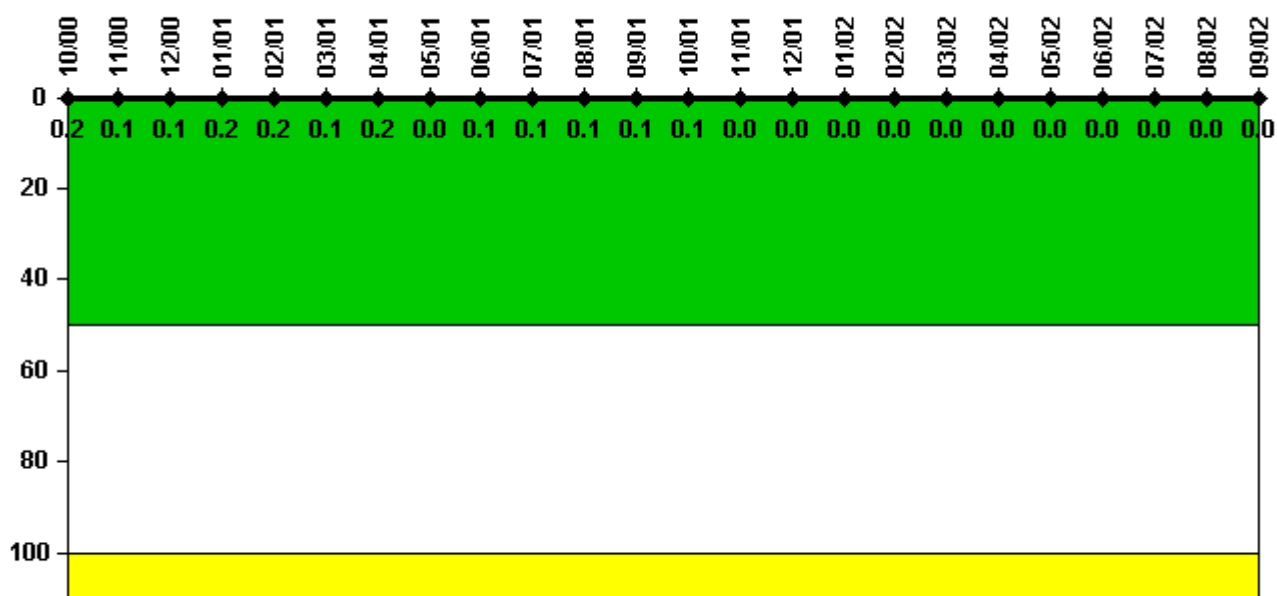
Notes

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01
Maximum activity	0.005990	0.006200	0.005943	0.007291	0.008625	0.009230	0.010230	0.007577	0.006459	0.006865	0.006441	0.006811
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	1.2	1.2	1.2	1.5	1.7	1.8	2.0	1.5	1.3	1.4	1.3	1.4

Reactor Coolant System Activity	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02
Maximum activity	0.006216	0.001900	0.002883	0.003025	0.003698	0.003825	0.004250	0.002002	0.002161	0.002280	0.002197	0.002156
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	1.2	0.4	0.6	0.6	0.7	0.8	0.9	0.4	0.4	0.5	0.4	0.4

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

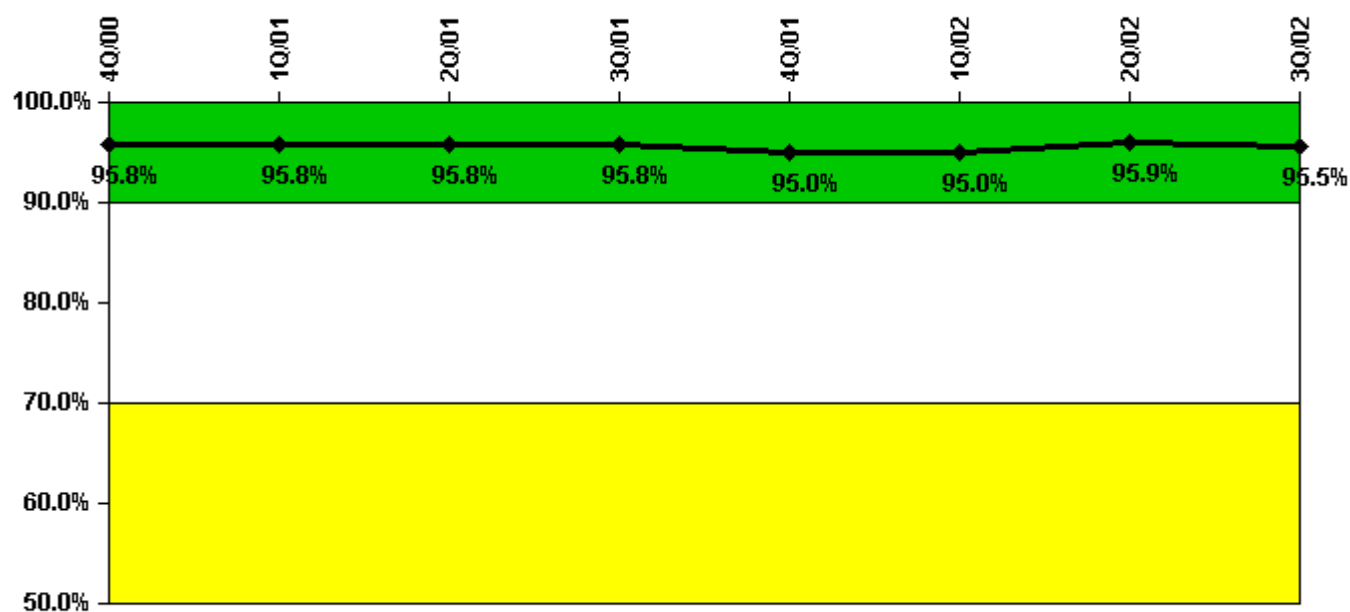
Notes

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01
Maximum leakage	0.018	0.012	0.012	0.015	0.016	0.012	0.018	0	0.012	0.013	0.011	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	0.1	0.1	0.2	0.2	0.1	0.2	0	0.1	0.1	0.1	0.1

Reactor Coolant System Leakage	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02
Maximum leakage	0.012	0	0	0	0	0	0	0	0	0	0	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Drill/Exercise Performance



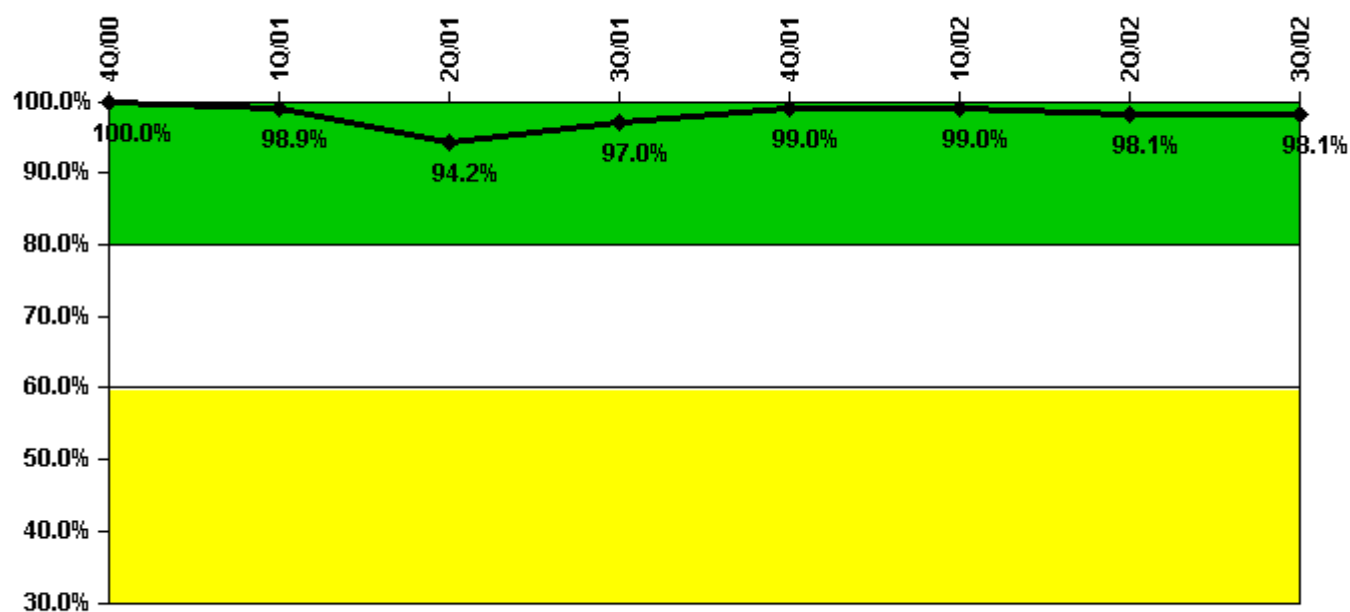
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Successful opportunities	56.0	9.0	37.0	61.0	38.0	6.0	79.0	56.0
Total opportunities	58.0	10.0	38.0	64.0	42.0	6.0	82.0	58.0
Indicator value	95.8%	95.8%	95.8%	95.8%	95.0%	95.0%	95.9%	95.5%

Licensee Comments: none

ERO Drill Participation



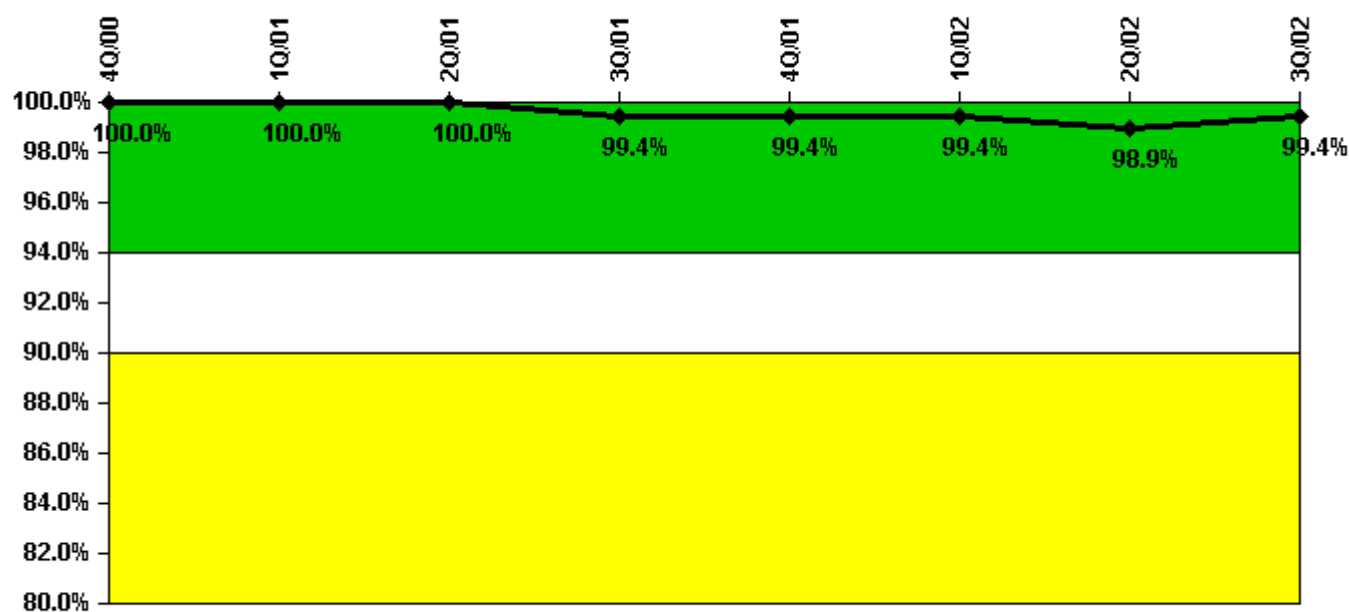
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Participating Key personnel	103.0	94.0	97.0	97.0	99.0	102.0	106.0	101.0
Total Key personnel	103.0	95.0	103.0	100.0	100.0	103.0	108.0	103.0
Indicator value	100.0%	98.9%	94.2%	97.0%	99.0%	99.0%	98.1%	98.1%

Licensee Comments: none

Alert & Notification System



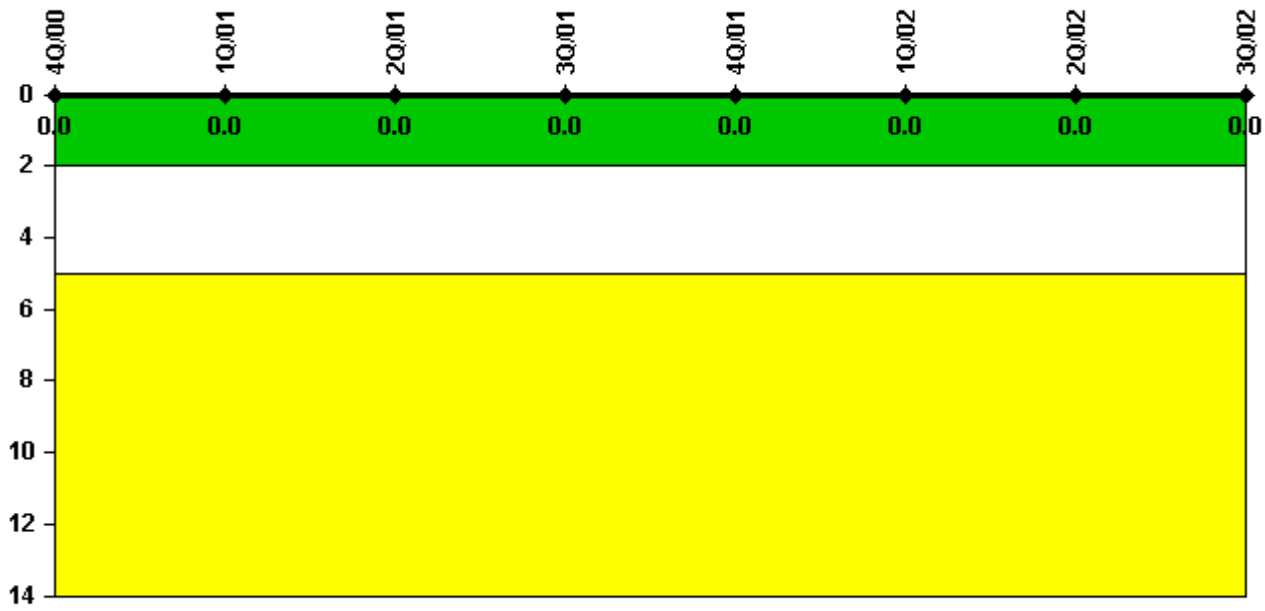
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Successful siren-tests	45	42	45	41	45	42	44	45
Total sirens-tests	45	42	45	42	45	42	45	45
Indicator value	100.0%	100.0%	100.0%	99.4%	99.4%	99.4%	98.9%	99.4%

Licensee Comments: none

Occupational Exposure Control Effectiveness

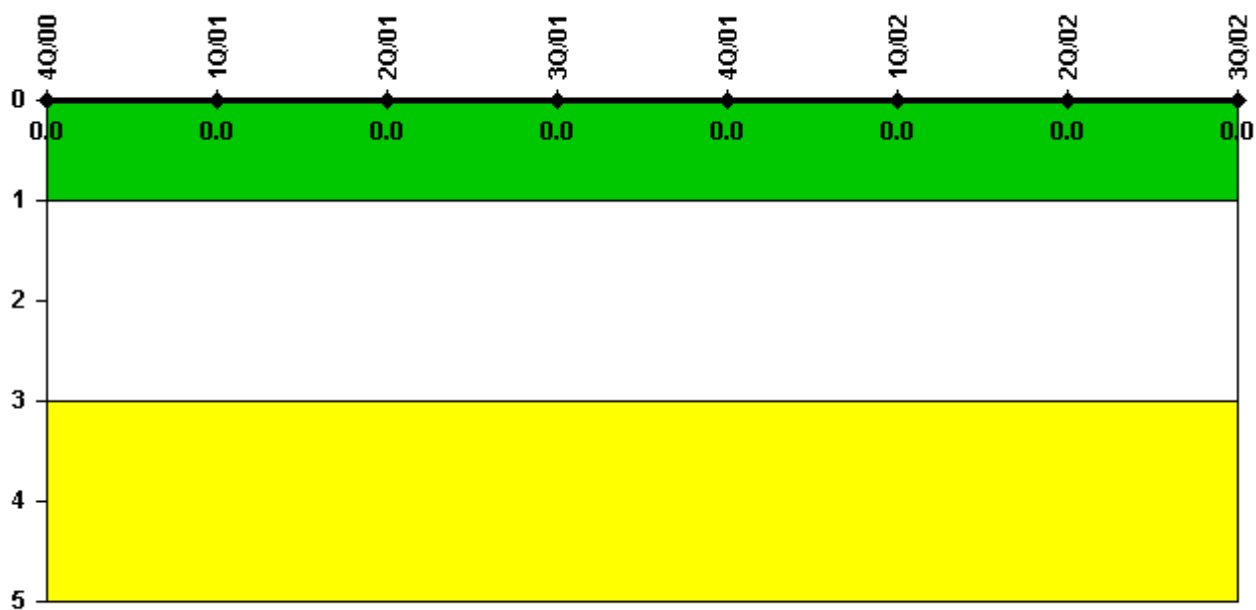


Thresholds: White > 2.0 Yellow > 5.0

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

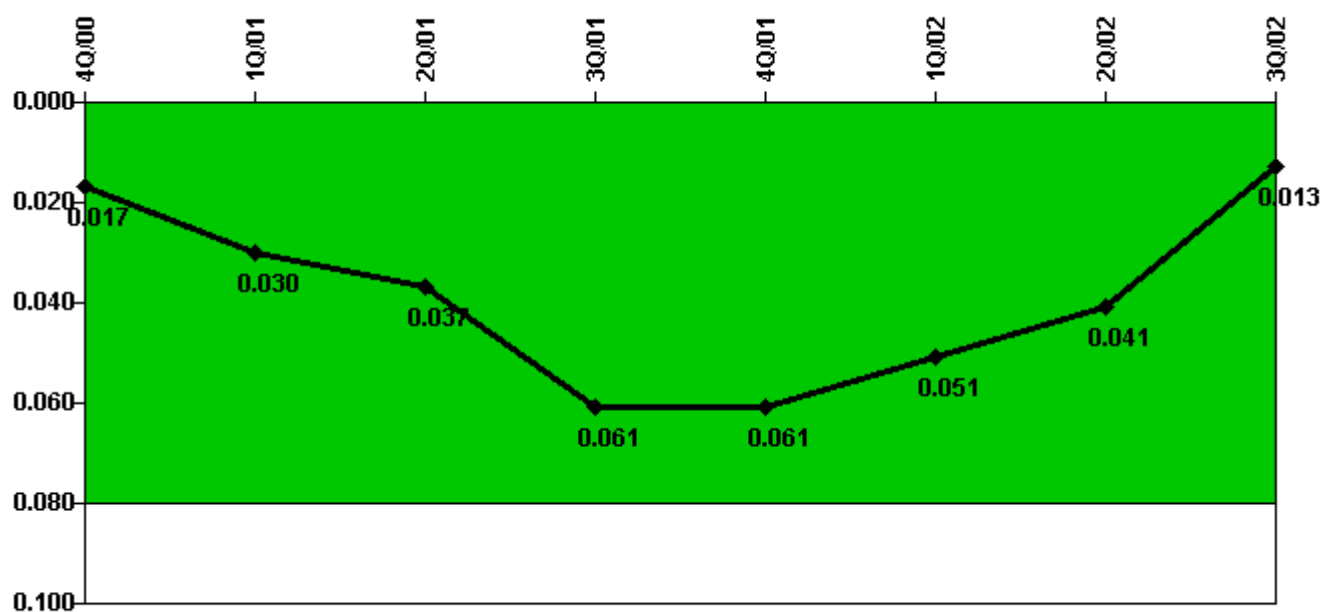
Thresholds: White > 1.0 Yellow > 3.0

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

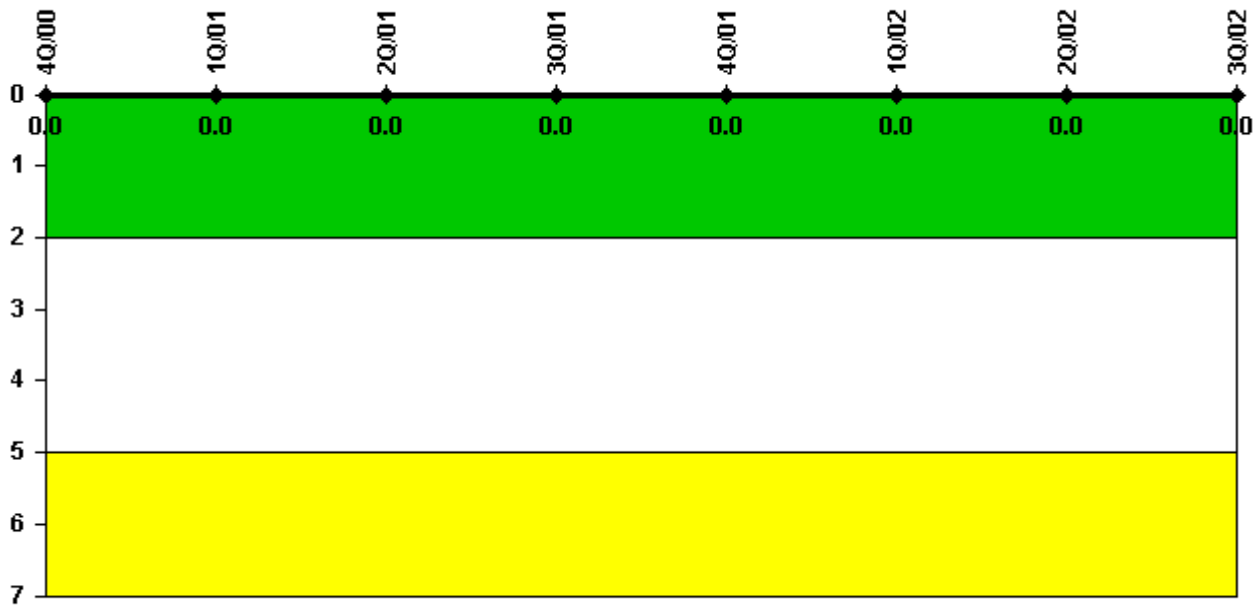
Notes

Protected Area Security Performance Index	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
IDS compensatory hours	88.37	172.90	70.80	71.96	44.90	82.60	104.00	27.90
CCTV compensatory hours	9.3	136.8	216.4	475.5	20.5	18.9	29.8	12.0
IDS normalization factor	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
CCTV normalization factor	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.017	0.030	0.037	0.061	0.061	0.051	0.041	0.013

Licensee Comments:

3Q/02: January through August 2002 compensatory hours for planned modification to upgrade the security computer and video multiplexers are excluded per NEI 99-02 guidance. NRC resident inspector informed of modifications and compensatory measures.

Personnel Screening Program



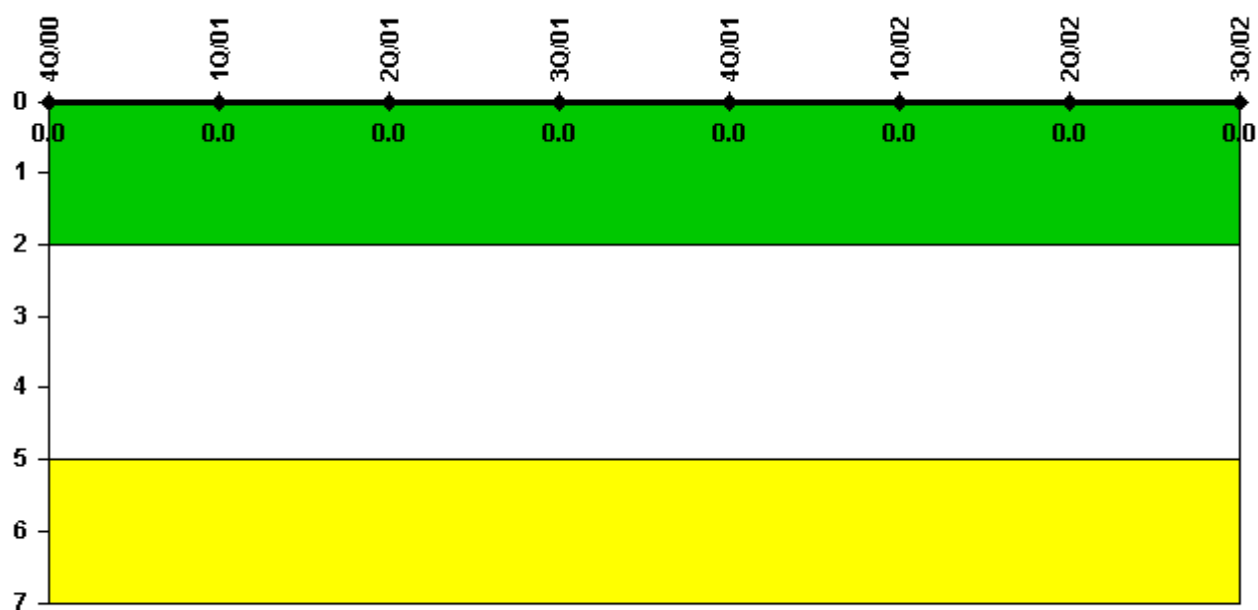
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

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

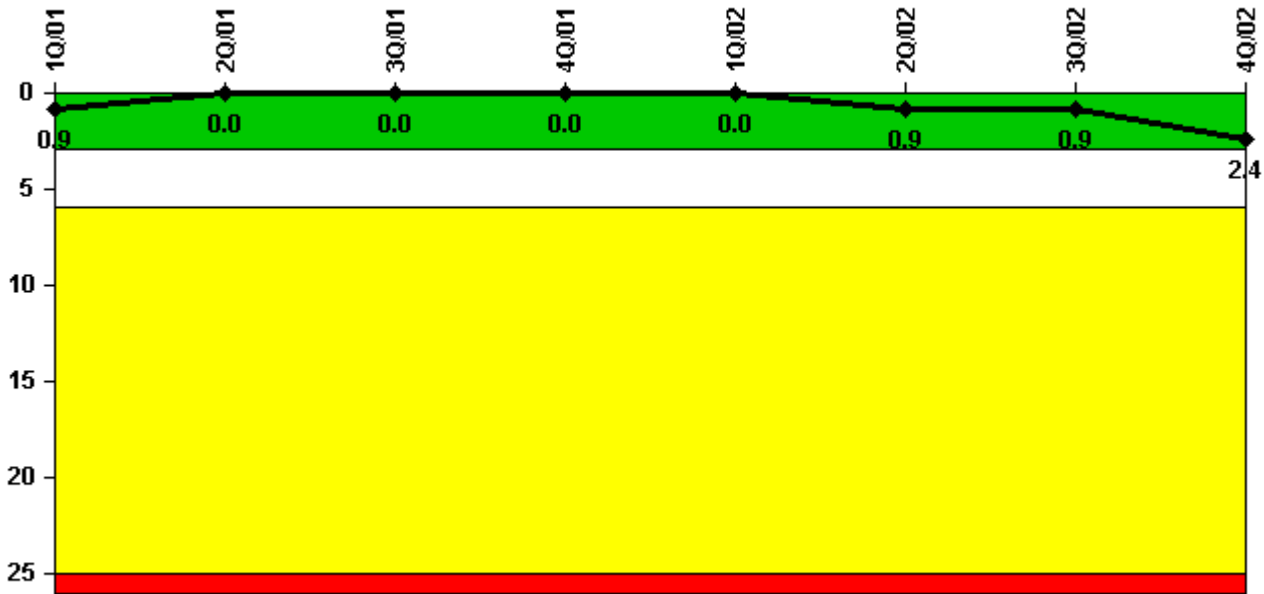
Last Modified: October 22, 2002

Farley 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	0	1.0	0	2.0
Critical hours	2160.0	2183.0	2208.0	1257.2	2160.0	2152.1	2208.0	2158.9
Indicator value	0.9	0	0	0	0	0.9	0.9	2.4

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



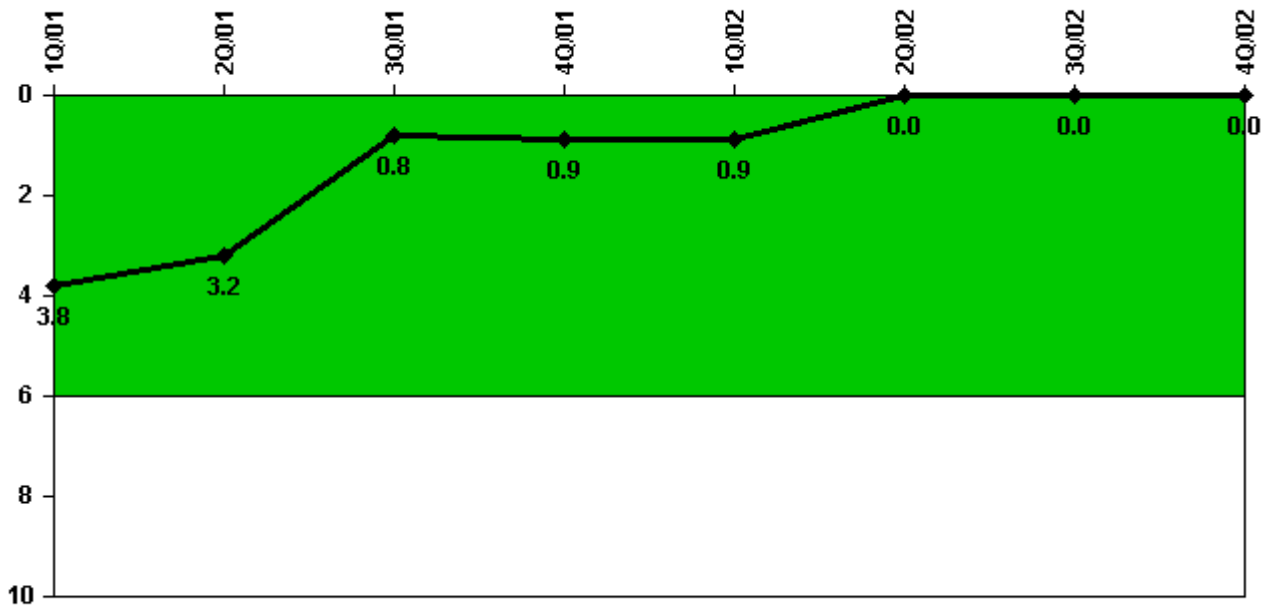
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



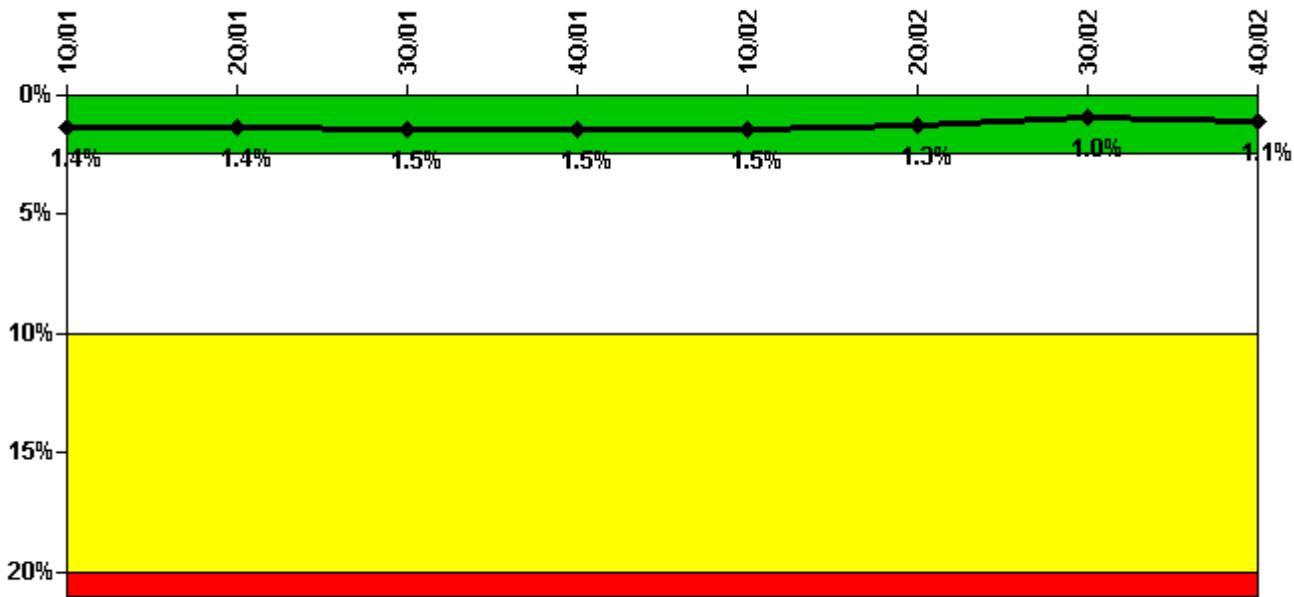
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Unplanned power changes	0	1.0	0	0	0	0	0	0
Critical hours	2160.0	2183.0	2208.0	1257.2	2160.0	2152.1	2208.0	2158.9
Indicator value	3.8	3.2	0.8	0.9	0.9	0	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



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

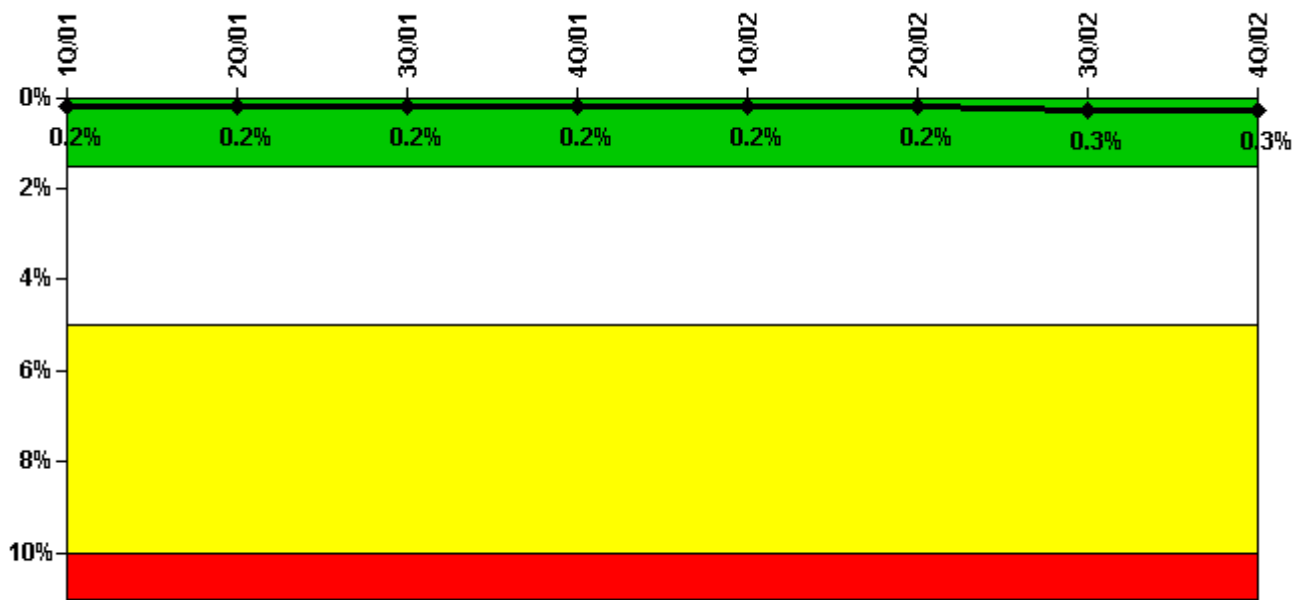
Notes

Safety System Unavailability, Emergency AC Power, >2EDG	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Train 1								
Planned unavailable hours	124.90	1.30	20.30	0	0.50	14.50	10.50	7.70
Unplanned unavailable hours	0.30	0	0	0	0	0	0	101.90
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	11.90	24.80	0.80	0	1.10	6.00	13.80	0.60
Unplanned unavailable hours	0	0	121.10	0	0	1.60	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 3								
Planned unavailable hours	1.30	1.00	1.30	0	13.70	4.70	7.80	1.20
Unplanned unavailable hours	0	0	0	0	0	5.10	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	1215.90	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Indicator value	1.4%	1.4%	1.5%	1.5%	1.5%	1.3%	1.0%	1.1%

Licensee Comments:

4Q/02: 261.4 hours T/2 FEH in October and 77.8 hours T/2 FEH in November on Train 1.

Safety System Unavailability, High Pressure Injection System (HPSI)



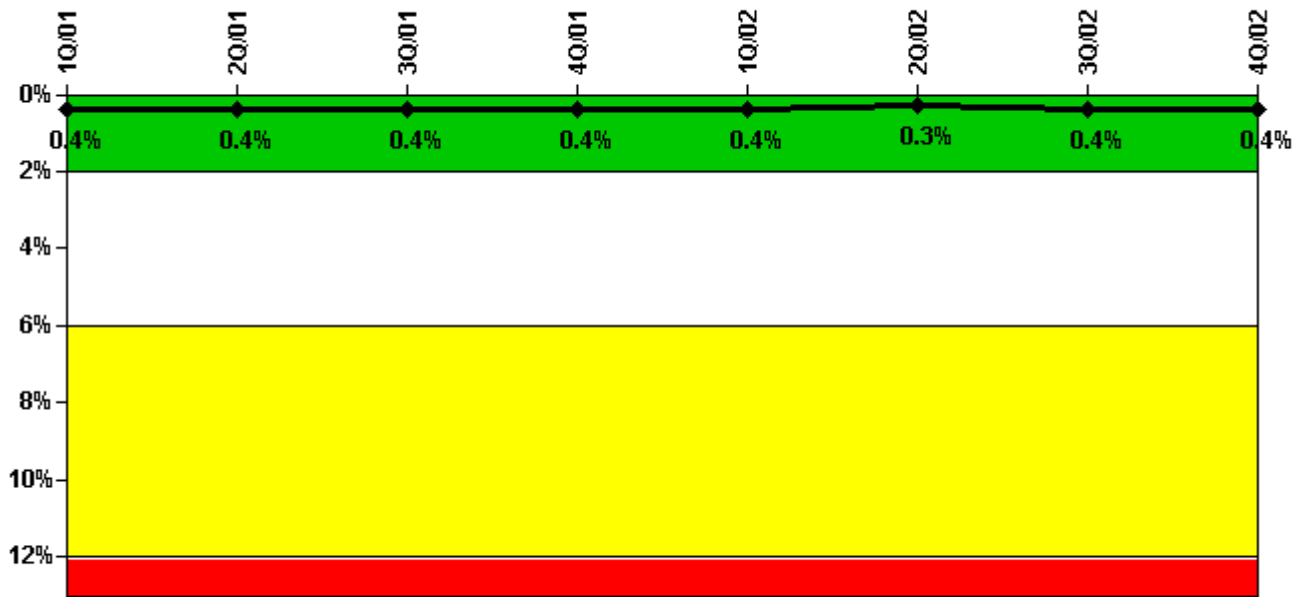
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

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	5.70	4.40	2.80	3.90	5.50	3.00	3.50	5.20
Unplanned unavailable hours	0	0	0	0	0	0	22.10	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	2160.00	2183.00	2208.00	1257.20	2160.00	2152.05	2208.00	2158.90
Train 2								
Planned unavailable hours	5.60	9.00	6.30	2.30	7.20	6.40	3.90	2.60
Unplanned unavailable hours	0.30	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	1257.20	2160.00	2152.05	2208.00	2158.90
Indicator value	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.3%	0.3%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



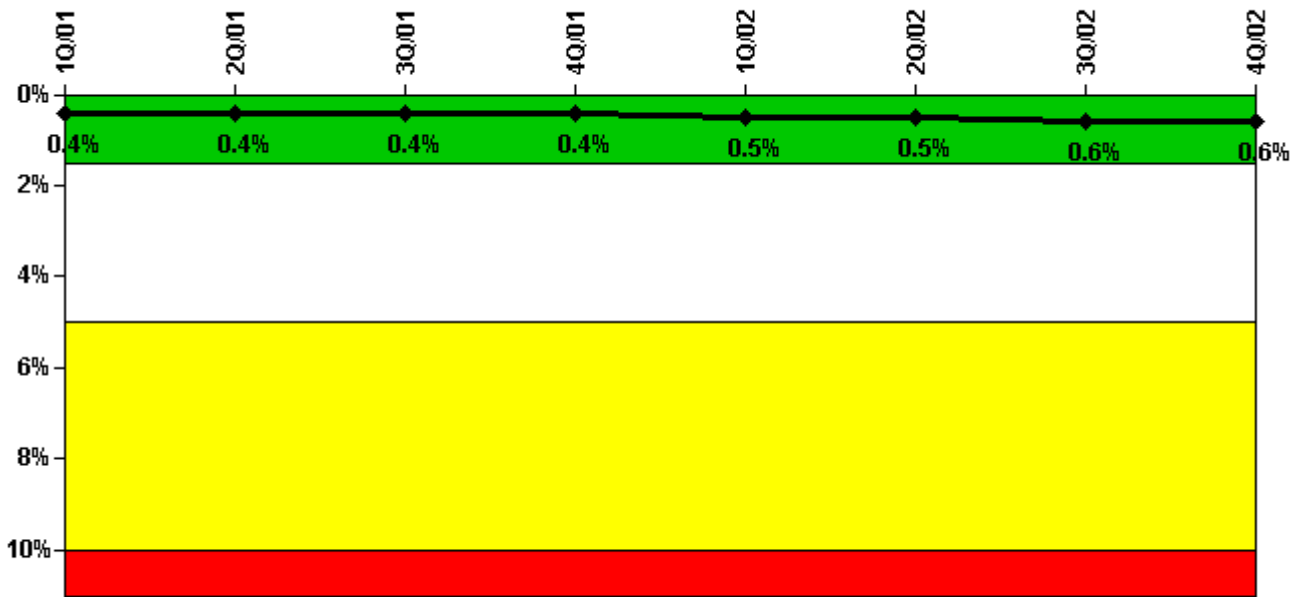
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Train 1								
Planned unavailable hours	5.70	4.40	2.80	2.60	5.50	3.00	5.20	5.20
Unplanned unavailable hours	0	0	0	0	0	0	22.10	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	2160.00	2183.00	2208.00	1257.20	2160.00	2152.05	2208.00	2158.90
Train 2								
Planned unavailable hours	7.30	2.60	5.30	2.30	7.20	6.40	4.60	3.10
Unplanned unavailable hours	0.40	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	1257.20	2160.00	2152.05	2208.00	2158.90
Train 3								
Planned unavailable hours	2.00	0.50	0.40	1.60	0.90	0.60	9.90	0.30
Unplanned unavailable hours	16.00	0	33.20	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	1257.20	2160.00	2152.05	2208.00	2158.90
Indicator value	0.4%	0.4%	0.4%	0.4%	0.4%	0.3%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



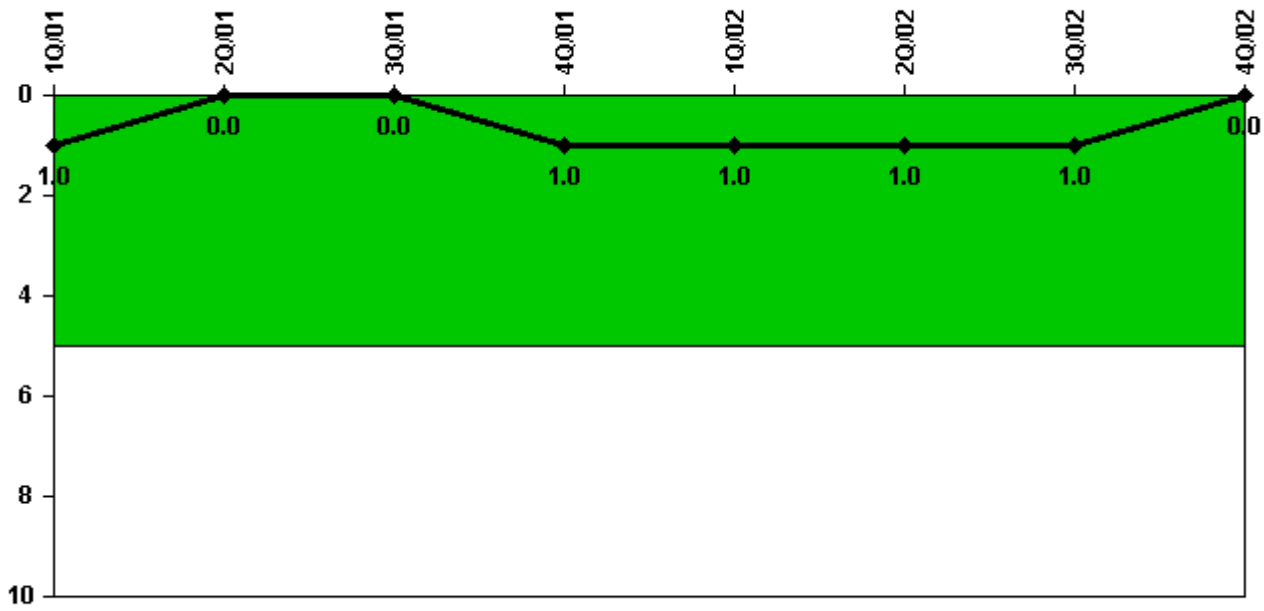
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Train 1								
Planned unavailable hours	19.80	20.70	3.30	16.40	6.00	10.60	4.00	19.80
Unplanned unavailable hours	0	0	0	0	0	0	22.10	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	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	26.30	9.40	15.80	3.10	18.70	7.20	18.20	11.40
Unplanned unavailable hours	0.30	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Indicator value	0.4%	0.4%	0.4%	0.4%	0.5%	0.5%	0.6%	0.6%

Licensee Comments: none

Safety System Functional Failures (PWR)



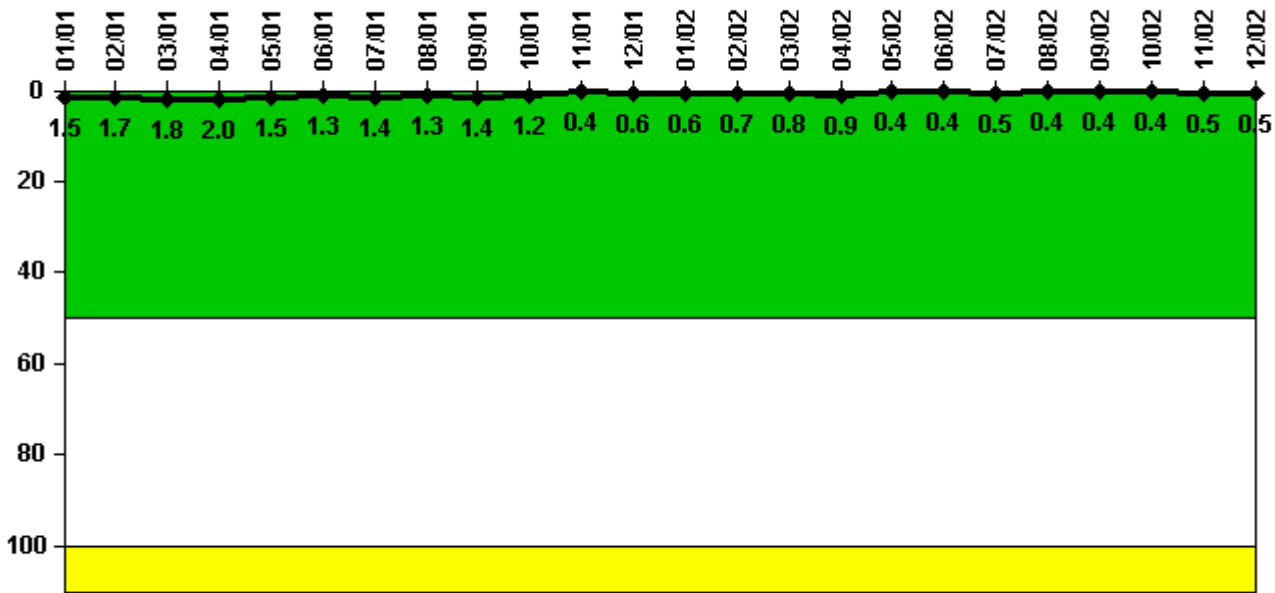
Thresholds: White > 5.0

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	0	0	1	1	1	1	0

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

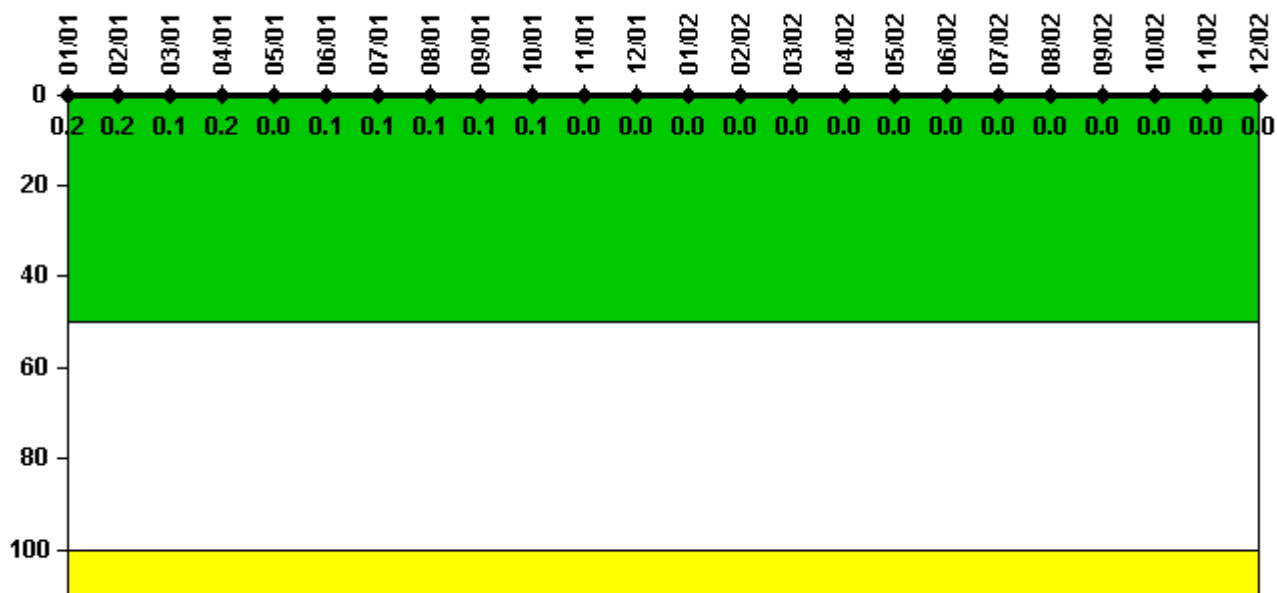
Notes

Reactor Coolant System Activity	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01
Maximum activity	0.007291	0.008625	0.009230	0.010230	0.007577	0.006459	0.006865	0.006441	0.006811	0.006216	0.001900	0.002883
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	1.5	1.7	1.8	2.0	1.5	1.3	1.4	1.3	1.4	1.2	0.4	0.6

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	0.003025	0.003698	0.003825	0.004250	0.002002	0.002161	0.002280	0.002197	0.002156	0.002145	0.002302	0.002536
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.6	0.7	0.8	0.9	0.4	0.4	0.5	0.4	0.4	0.4	0.5	0.5

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

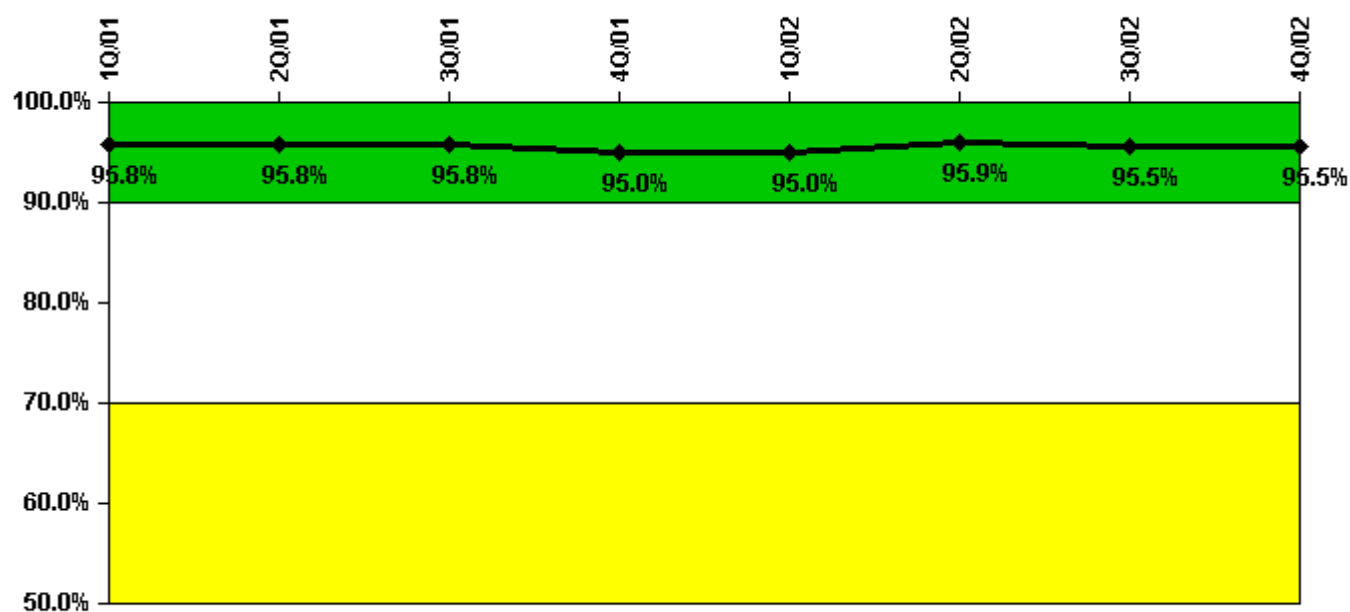
Notes

Reactor Coolant System Leakage	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01
Maximum leakage	0.015	0.016	0.012	0.018	0	0.012	0.013	0.011	0.012	0.012	0	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.2	0.1	0.2	0	0.1	0.1	0.1	0.1	0.1	0	0

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	0	0	0	0	0	0	0	0	0	0	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Drill/Exercise Performance



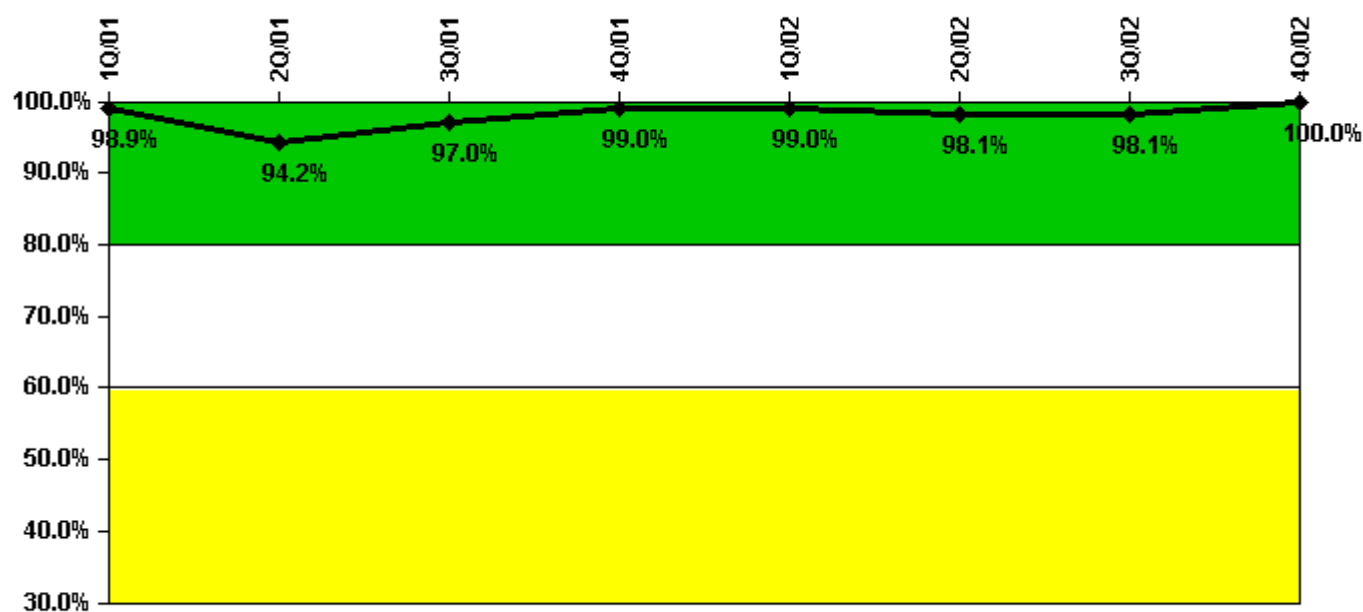
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Successful opportunities	9.0	37.0	61.0	38.0	6.0	79.0	56.0	8.0
Total opportunities	10.0	38.0	64.0	42.0	6.0	82.0	58.0	8.0
Indicator value	95.8%	95.8%	95.8%	95.0%	95.0%	95.9%	95.5%	95.5%

Licensee Comments: none

ERO Drill Participation



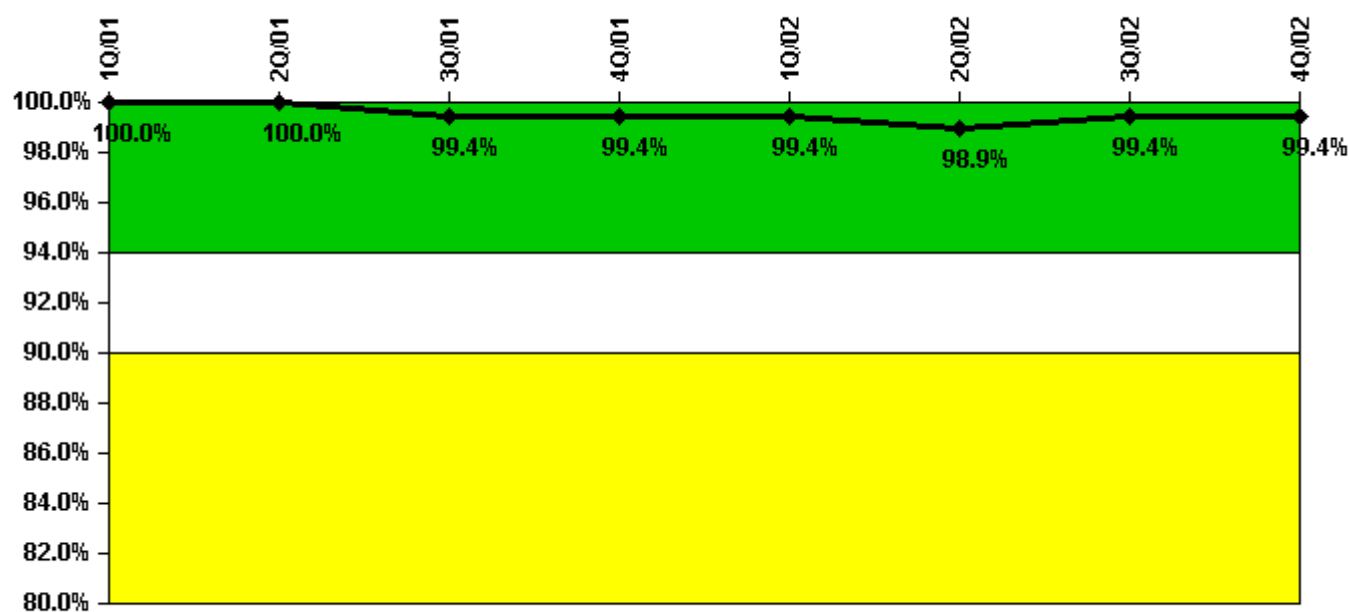
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Participating Key personnel	94.0	97.0	97.0	99.0	102.0	106.0	101.0	104.0
Total Key personnel	95.0	103.0	100.0	100.0	103.0	108.0	103.0	104.0
Indicator value	98.9%	94.2%	97.0%	99.0%	99.0%	98.1%	98.1%	100.0%

Licensee Comments: none

Alert & Notification System



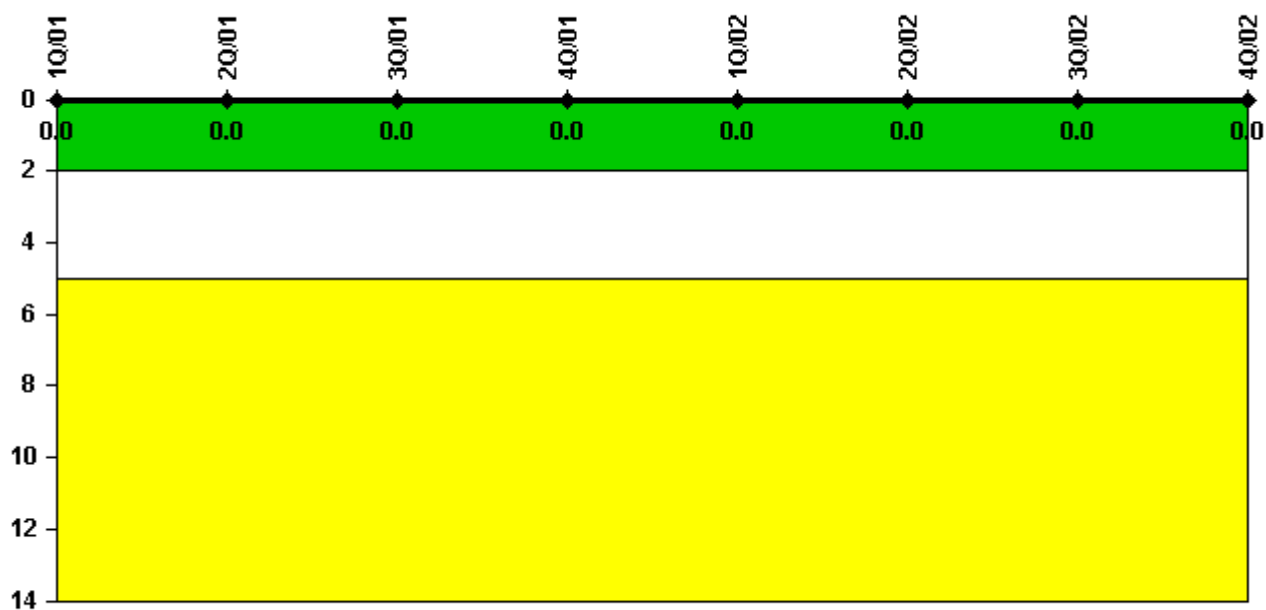
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Successful siren-tests	42	45	41	45	42	44	45	42
Total sirens-tests	42	45	42	45	42	45	45	42
Indicator value	100.0%	100.0%	99.4%	99.4%	99.4%	98.9%	99.4%	99.4%

Licensee Comments: none

Occupational Exposure Control Effectiveness

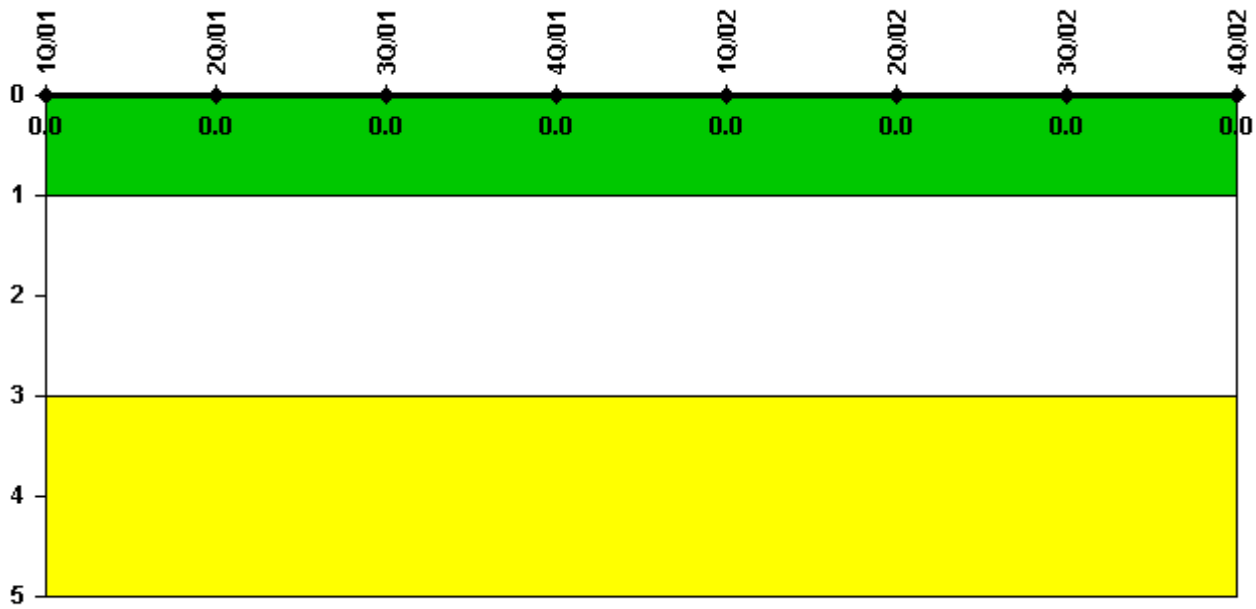


Thresholds: White > 2.0 Yellow > 5.0

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

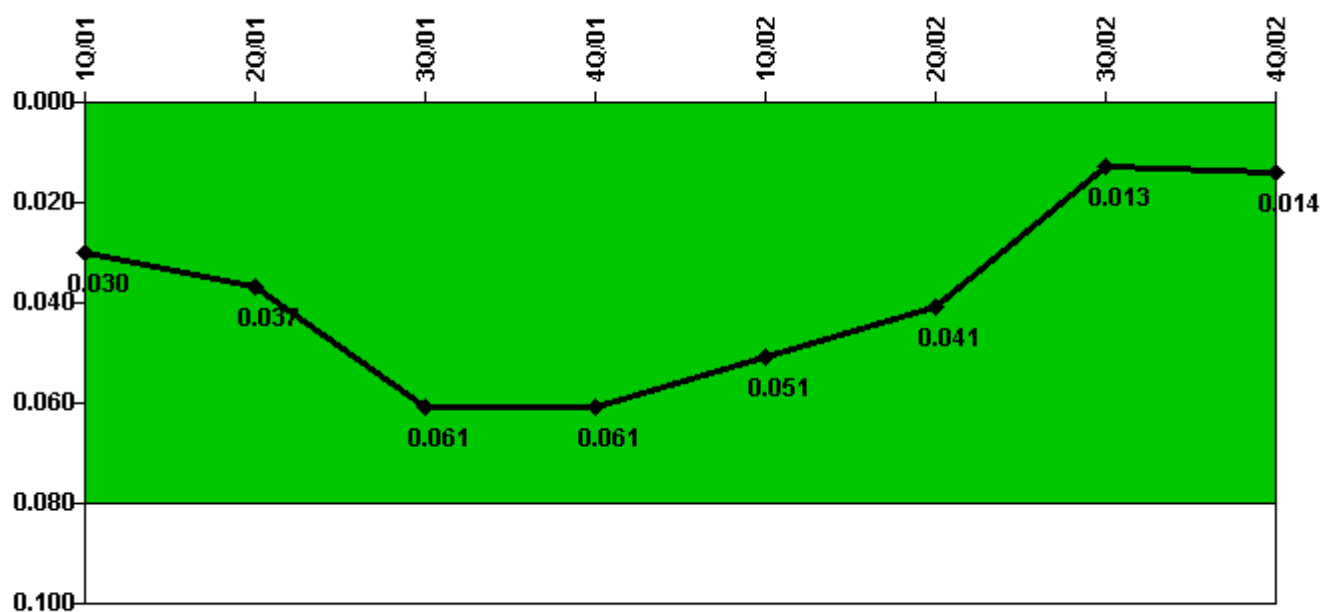
Thresholds: White > 1.0 Yellow > 3.0

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



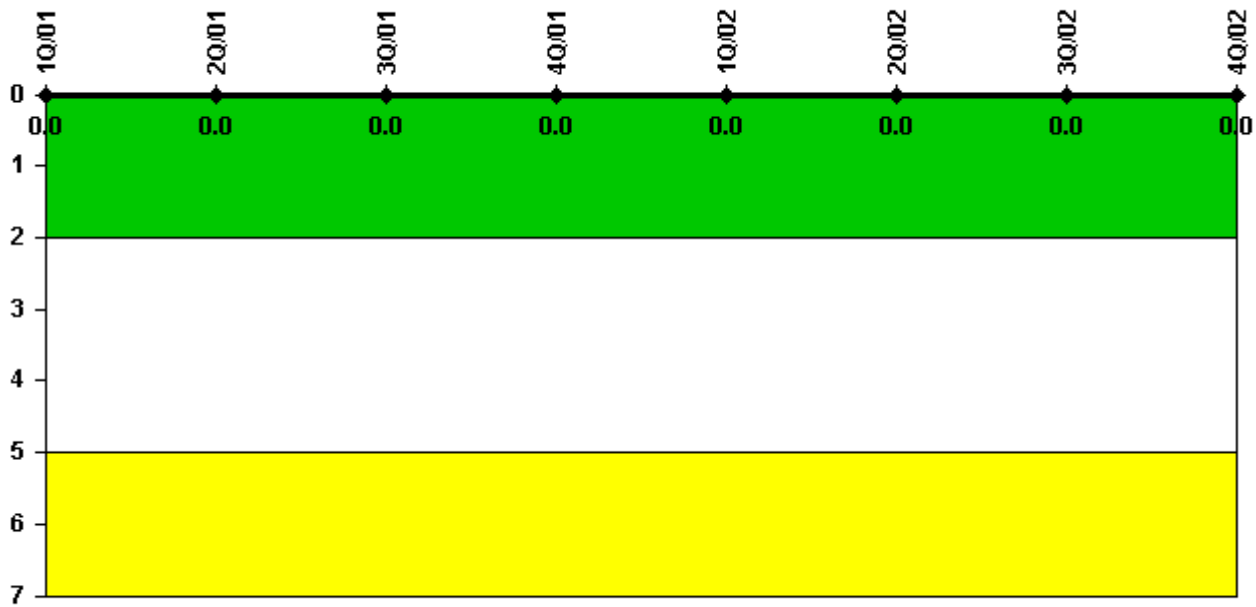
Thresholds: White > 0.080

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	172.90	70.80	71.96	44.90	82.60	104.00	27.90	110.90
CCTV compensatory hours	136.8	216.4	475.5	20.5	18.9	29.8	12.0	0.1
IDS normalization factor	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.030	0.037	0.061	0.061	0.051	0.041	0.013	0.014

Licensee Comments: none

Personnel Screening Program



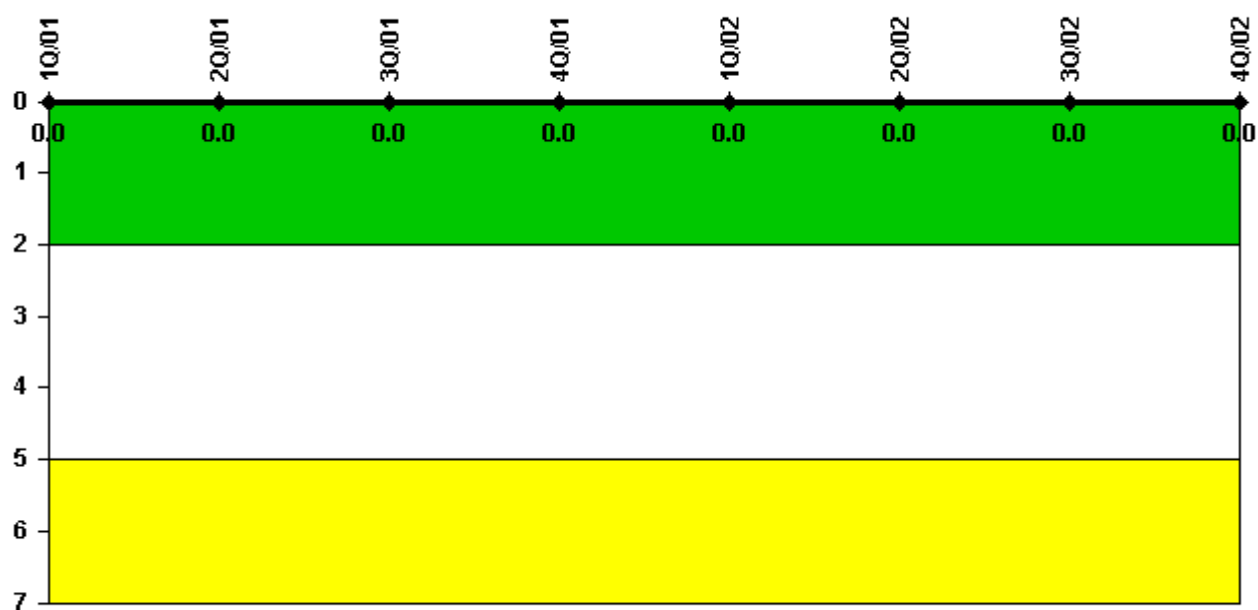
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

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

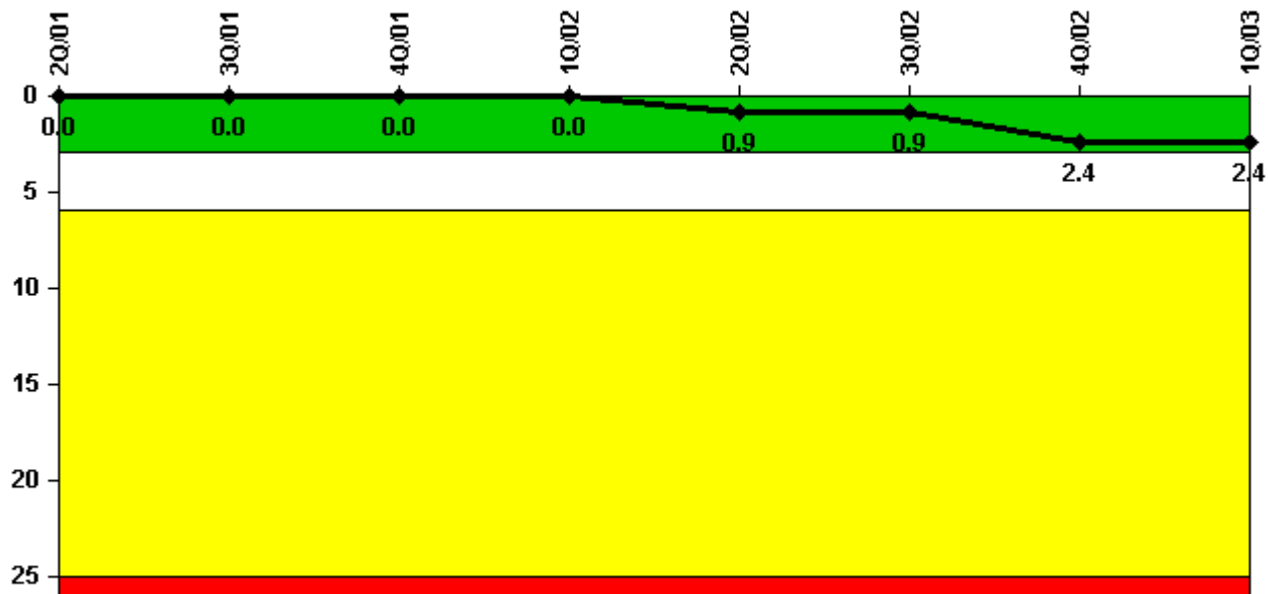
Last Modified: January 30, 2003

Farley 1

1Q/2003 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Unplanned scrams	0	0	0	0	1.0	0	2.0	0
Critical hours	2183.0	2208.0	1257.2	2160.0	2152.1	2208.0	2158.9	2089.1
Indicator value	0	0	0	0	0.9	0.9	2.4	2.4

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



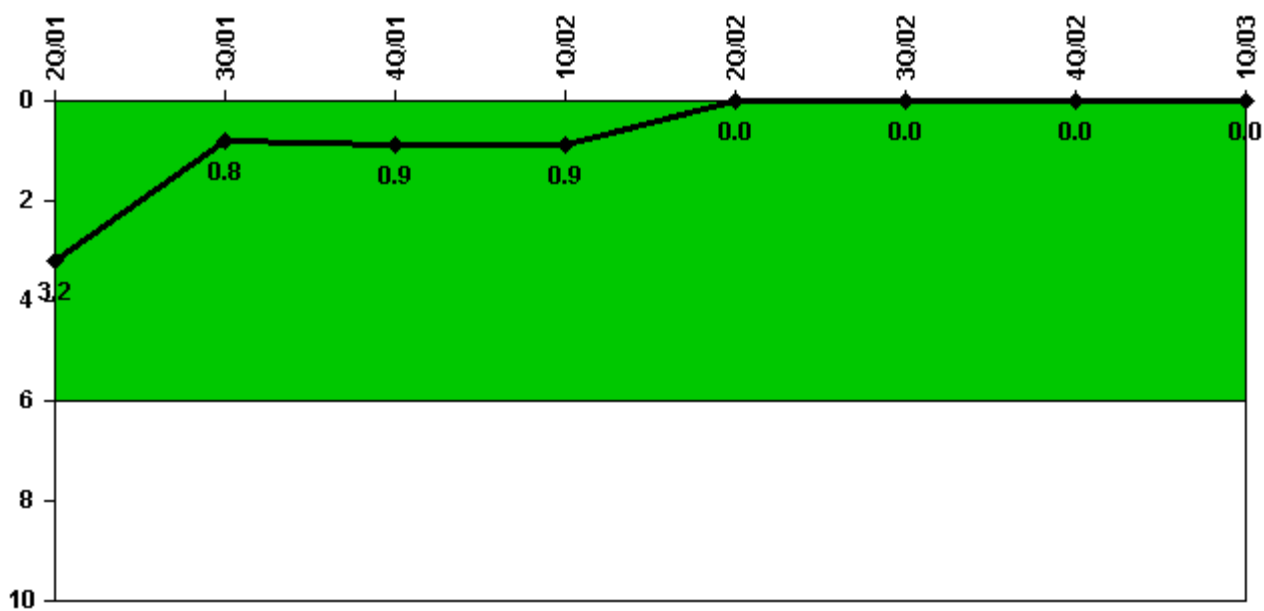
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



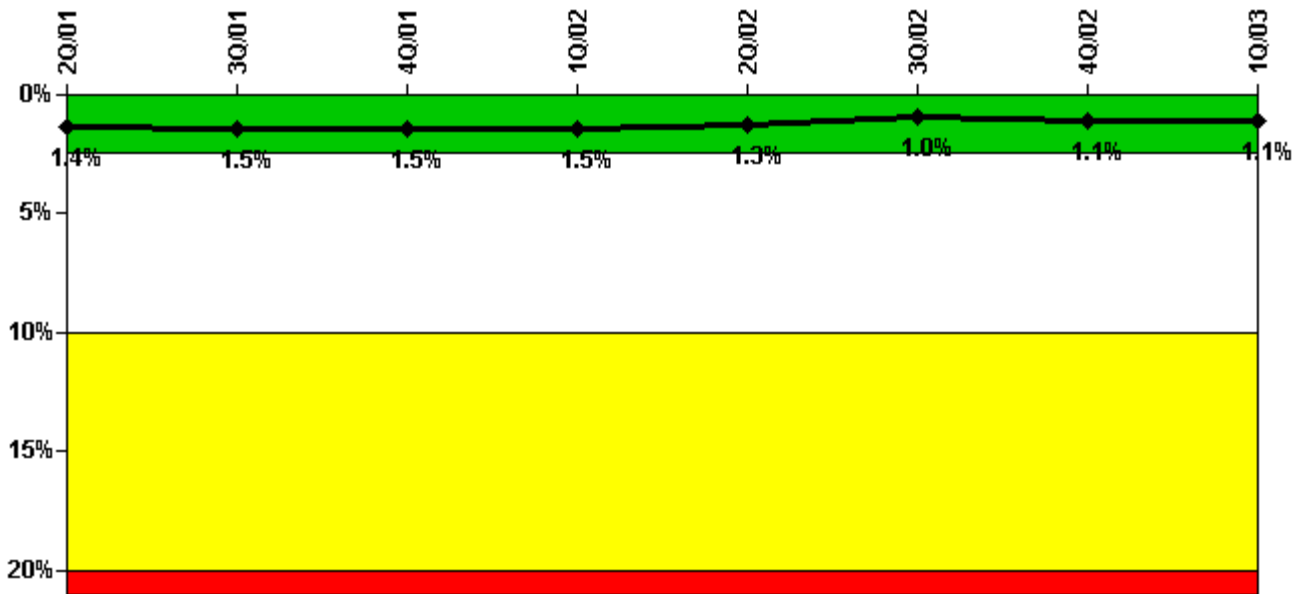
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Unplanned power changes	1.0	0	0	0	0	0	0	0
Critical hours	2183.0	2208.0	1257.2	2160.0	2152.1	2208.0	2158.9	2089.1
Indicator value	3.2	0.8	0.9	0.9	0	0	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



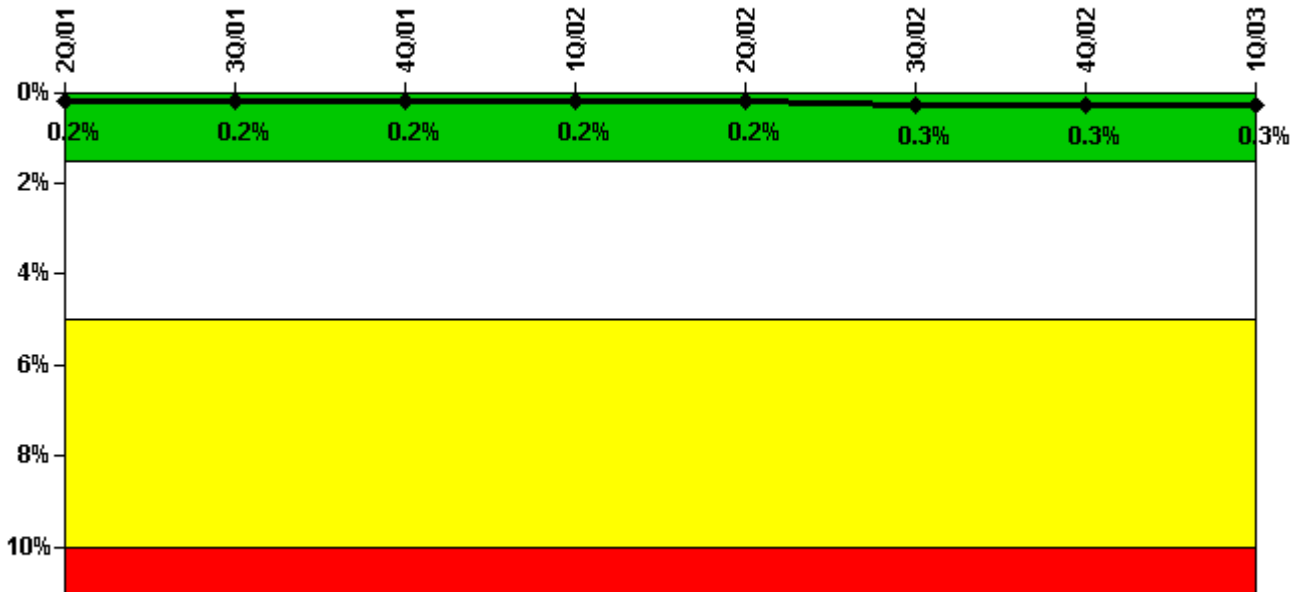
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Train 1								
Planned unavailable hours	1.30	20.30	0	0.50	14.50	10.50	7.70	0.97
Unplanned unavailable hours	0	0	0	0	0	0	101.90	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	24.80	0.80	0	1.10	6.00	13.80	0.60	33.00
Unplanned unavailable hours	0	121.10	0	0	1.60	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Train 3								
Planned unavailable hours	1.00	1.30	0	13.70	4.70	7.80	1.20	0.25
Unplanned unavailable hours	0	0	0	0	5.10	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Indicator value	1.4%	1.5%	1.5%	1.5%	1.3%	1.0%	1.1%	1.1%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



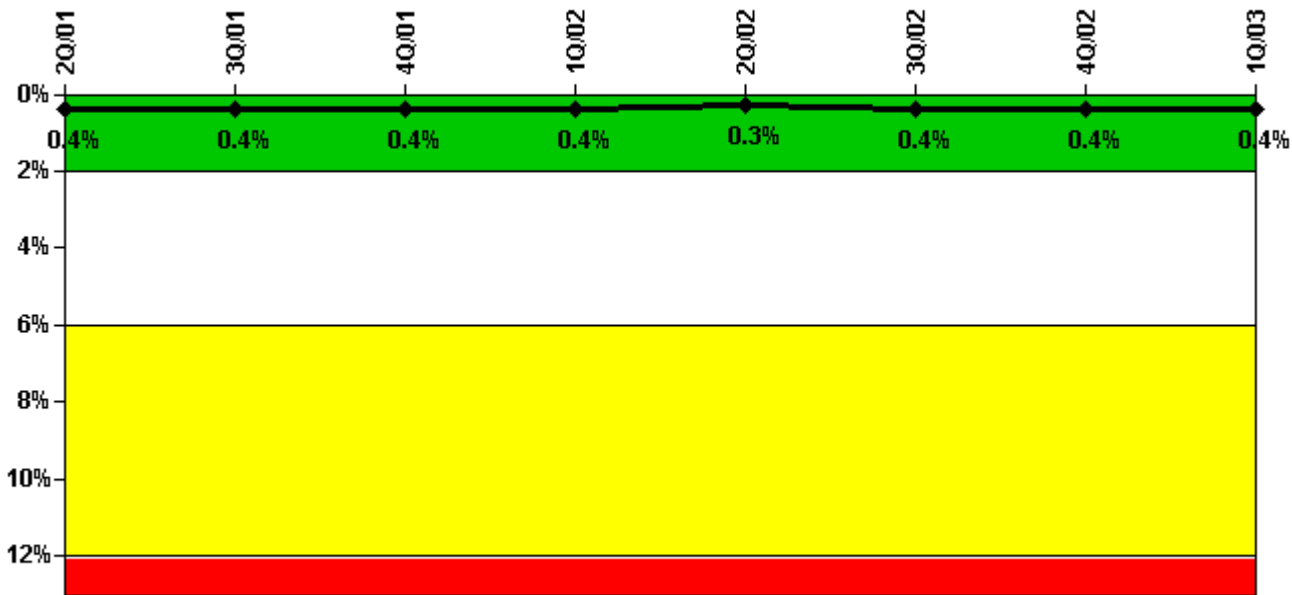
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Train 1								
Planned unavailable hours	4.40	2.80	3.90	5.50	3.00	3.50	5.20	2.50
Unplanned unavailable hours	0	0	0	0	0	22.10	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	2183.00	2208.00	1257.20	2160.00	2152.05	2208.00	2158.90	2089.10
Train 2								
Planned unavailable hours	9.00	6.30	2.30	7.20	6.40	3.90	2.60	5.90
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	1257.20	2160.00	2152.05	2208.00	2158.90	2089.10
Indicator value	0.2%	0.2%	0.2%	0.2%	0.2%	0.3%	0.3%	0.3%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



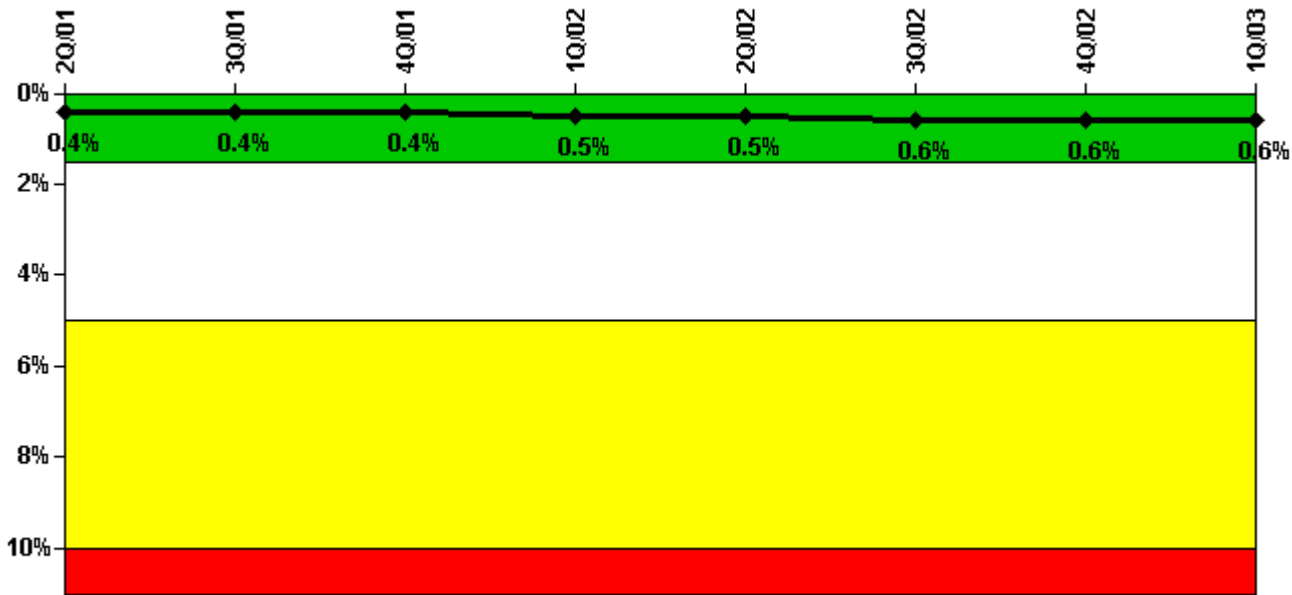
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Train 1								
Planned unavailable hours	4.40	2.80	2.60	5.50	3.00	5.20	5.20	3.50
Unplanned unavailable hours	0	0	0	0	0	22.10	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	2183.00	2208.00	1257.20	2160.00	2152.05	2208.00	2158.90	2089.10
Train 2								
Planned unavailable hours	2.60	5.30	2.30	7.20	6.40	4.60	3.10	8.33
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	1257.20	2160.00	2152.05	2208.00	2158.90	2089.10
Train 3								
Planned unavailable hours	0.50	0.40	1.60	0.90	0.60	9.90	0.30	2.16
Unplanned unavailable hours	0	33.20	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	1257.20	2160.00	2152.05	2208.00	2158.90	2089.10
Indicator value	0.4%	0.4%	0.4%	0.4%	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%

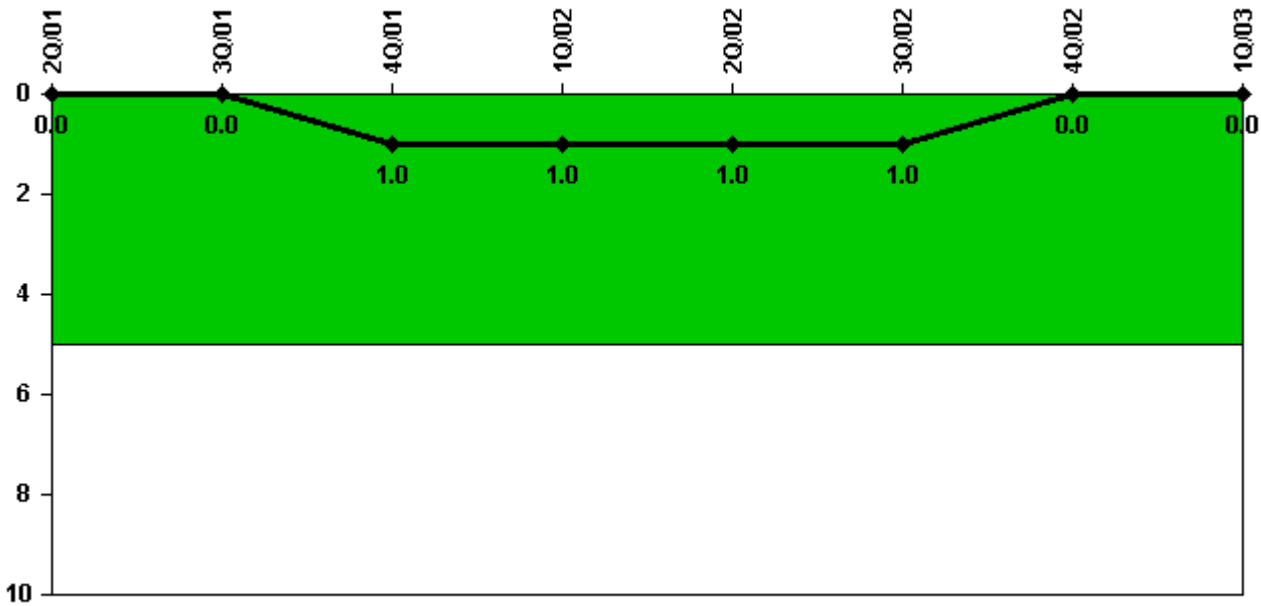
Notes

Safety System Unavailability, Residual Heat Removal System	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Train 1								
Planned unavailable hours	20.70	3.30	16.40	6.00	10.60	4.00	19.80	14.70
Unplanned unavailable hours	0	0	0	0	0	22.10	0	13.30
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	9.40	15.80	3.10	18.70	7.20	18.20	11.40	6.90
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Indicator value	0.4%	0.4%	0.4%	0.5%	0.5%	0.6%	0.6%	0.6%

Licensee Comments:

1Q/03: 970.5 hours T/2 Fault Exposure Hours Train A RHR due to failure of valve to open on quarterly surveillance test. Last successful surveillance 12/20/02. Cause under investigation.

Safety System Functional Failures (PWR)



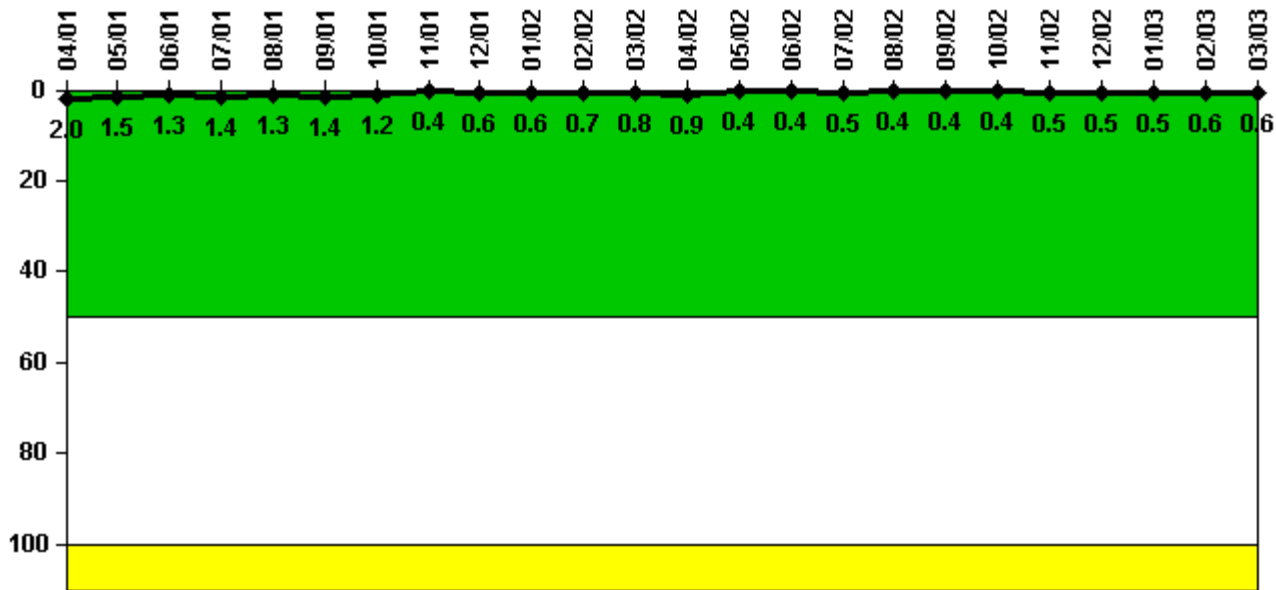
Thresholds: White > 5.0

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	0	0	1	1	1	1	0	0

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

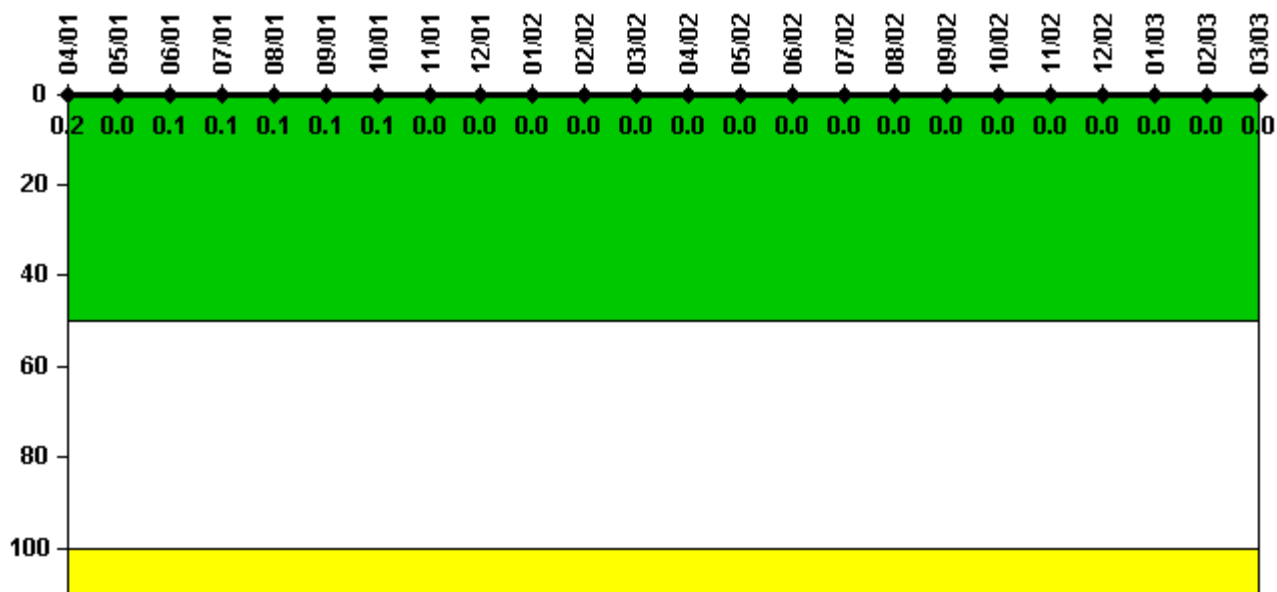
Notes

Reactor Coolant System Activity	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02
Maximum activity	0.010230	0.007577	0.006459	0.006865	0.006441	0.006811	0.006216	0.001900	0.002883	0.003025	0.003698	0.003825
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	2.0	1.5	1.3	1.4	1.3	1.4	1.2	0.4	0.6	0.6	0.7	0.8

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	0.004250	0.002002	0.002161	0.002280	0.002197	0.002156	0.002145	0.002302	0.002536	0.002593	0.002833	0.002807
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.9	0.4	0.4	0.5	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.6

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

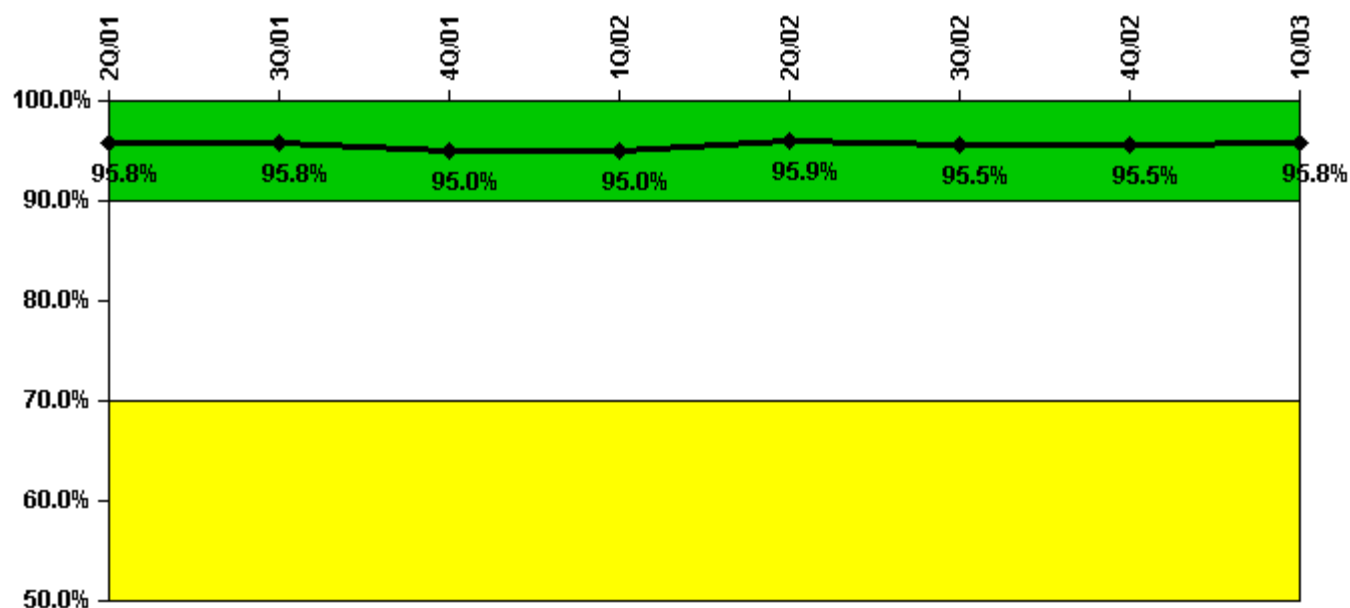
Notes

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	0.018	0	0.012	0.013	0.011	0.012	0.012	0	0	0	0	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0	0.1	0.1	0.1	0.1	0.1	0	0	0	0	0

Reactor Coolant System Leakage	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03
Maximum leakage	0	0	0	0	0	0	0	0	0	0	0	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Drill/Exercise Performance



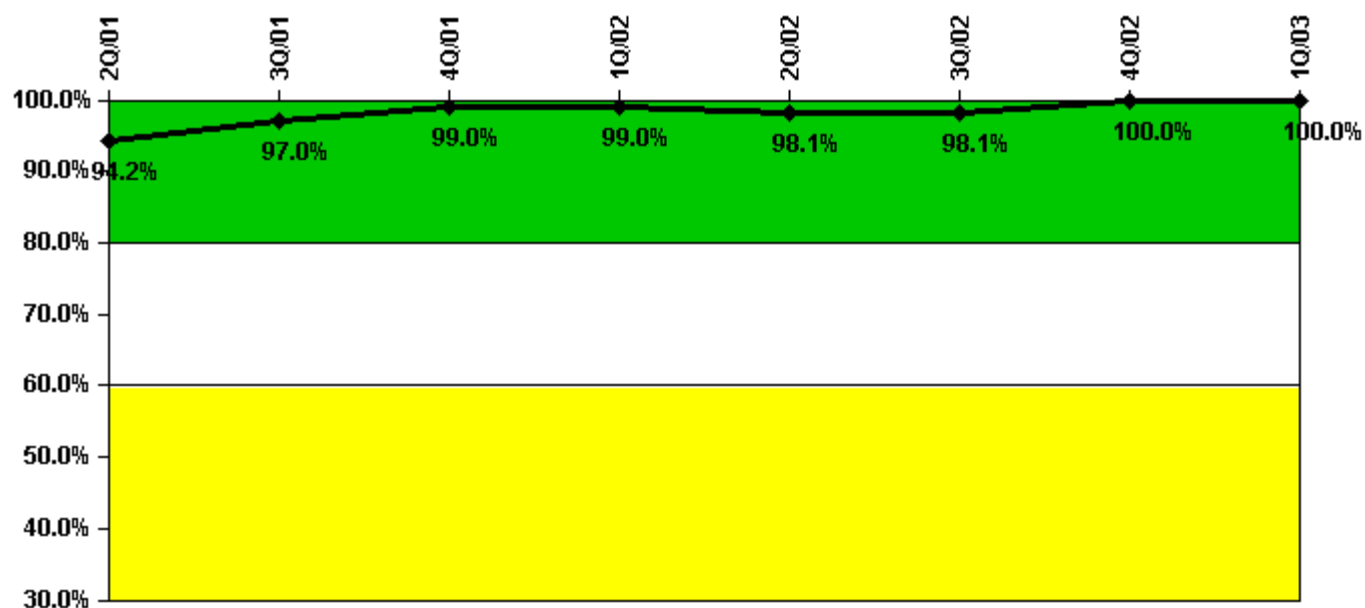
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Successful opportunities	37.0	61.0	38.0	6.0	79.0	56.0	8.0	8.0
Total opportunities	38.0	64.0	42.0	6.0	82.0	58.0	8.0	8.0
Indicator value	95.8%	95.8%	95.0%	95.0%	95.9%	95.5%	95.5%	95.8%

Licensee Comments: none

ERO Drill Participation



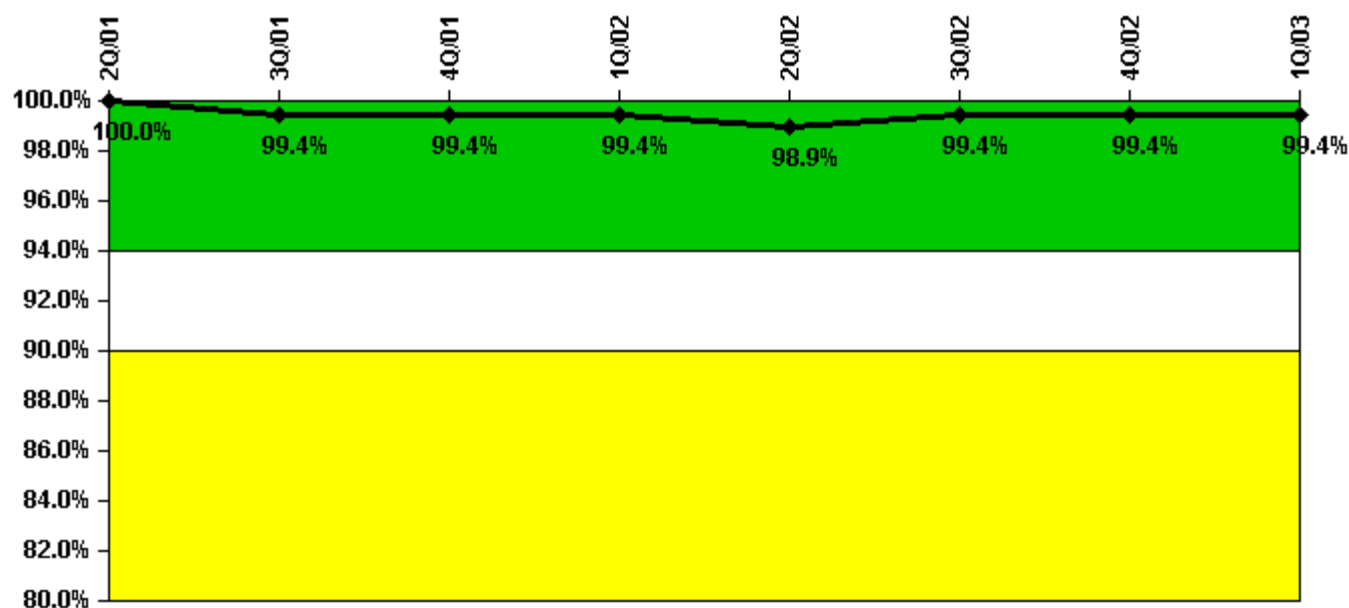
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Participating Key personnel	97.0	97.0	99.0	102.0	106.0	101.0	104.0	102.0
Total Key personnel	103.0	100.0	100.0	103.0	108.0	103.0	104.0	102.0
Indicator value	94.2%	97.0%	99.0%	99.0%	98.1%	98.1%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



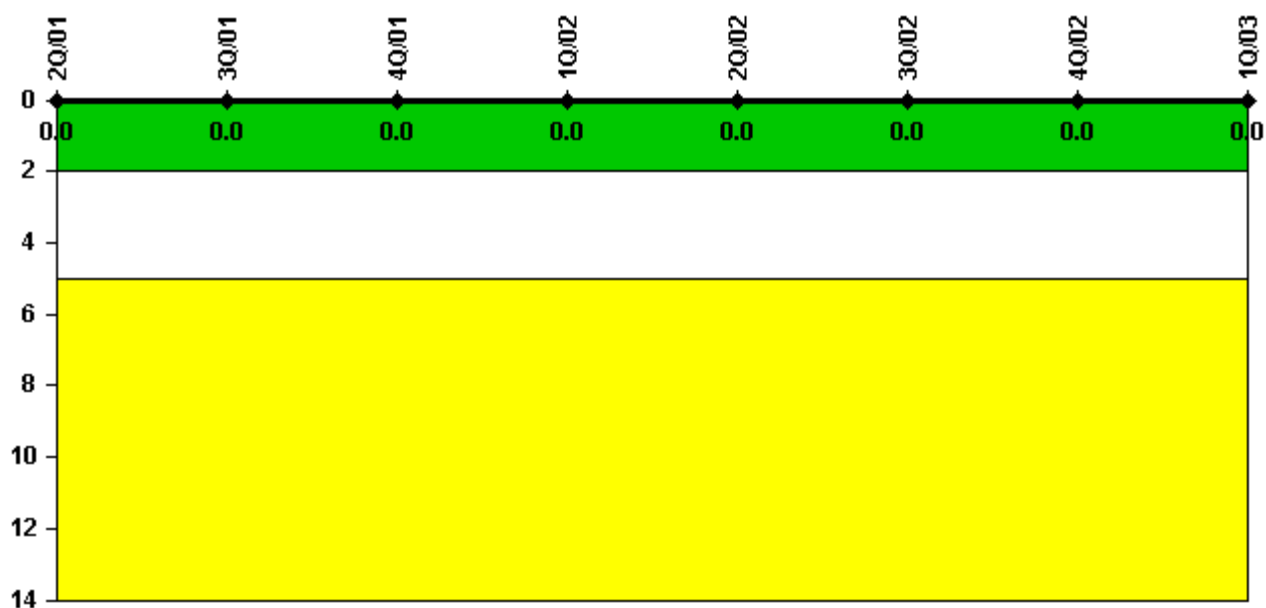
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Successful siren-tests	45	41	45	42	44	45	42	48
Total sirens-tests	45	42	45	42	45	45	42	48
Indicator value	100.0%	99.4%	99.4%	99.4%	98.9%	99.4%	99.4%	99.4%

Licensee Comments: none

Occupational Exposure Control Effectiveness

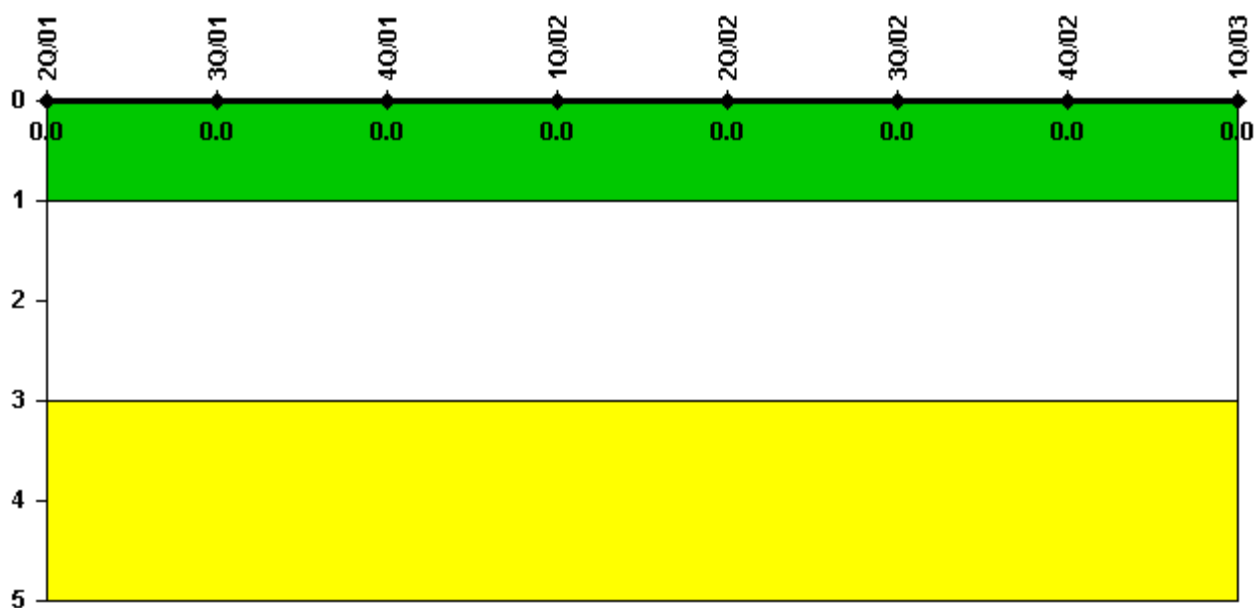


Thresholds: White > 2.0 Yellow > 5.0

Notes

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

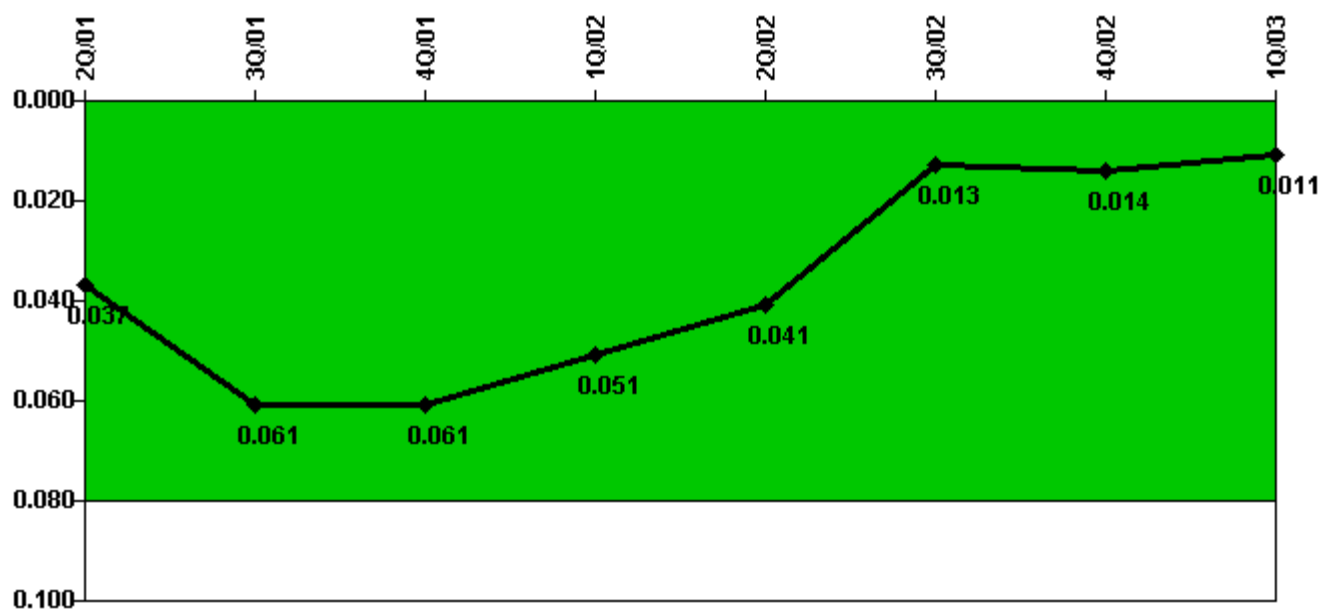
Thresholds: White > 1.0 Yellow > 3.0

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



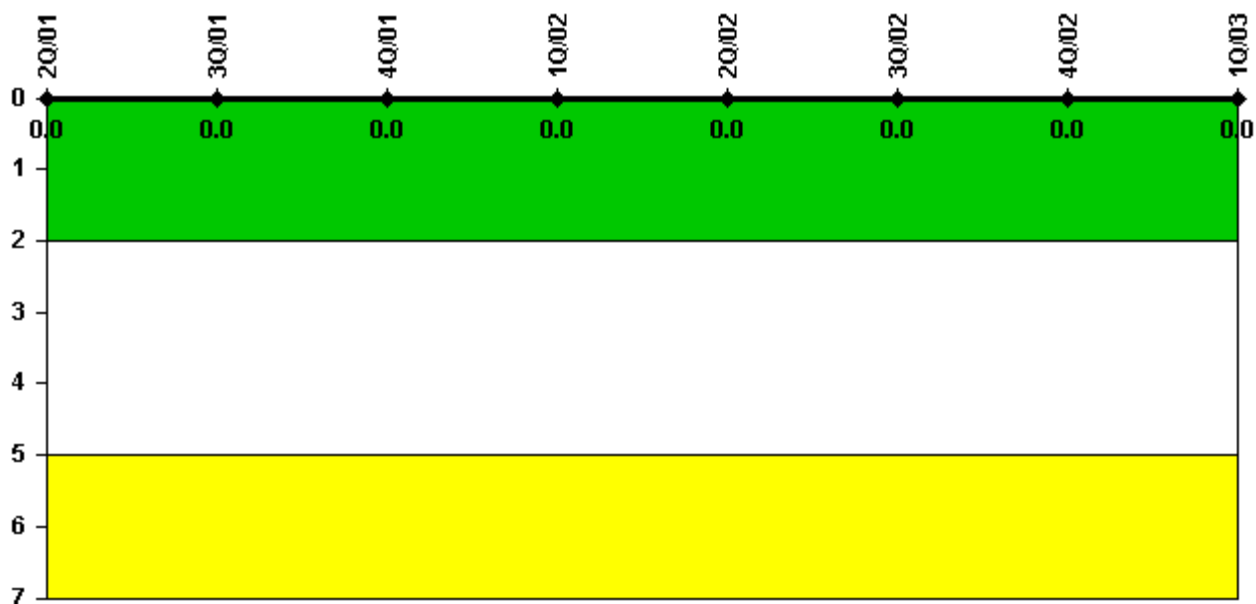
Thresholds: White > 0.080

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	70.80	71.96	44.90	82.60	104.00	27.90	110.90	15.60
CCTV compensatory hours	216.4	475.5	20.5	18.9	29.8	12.0	0.1	1.9
IDS normalization factor	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.037	0.061	0.061	0.051	0.041	0.013	0.014	0.011

Licensee Comments: none

Personnel Screening Program



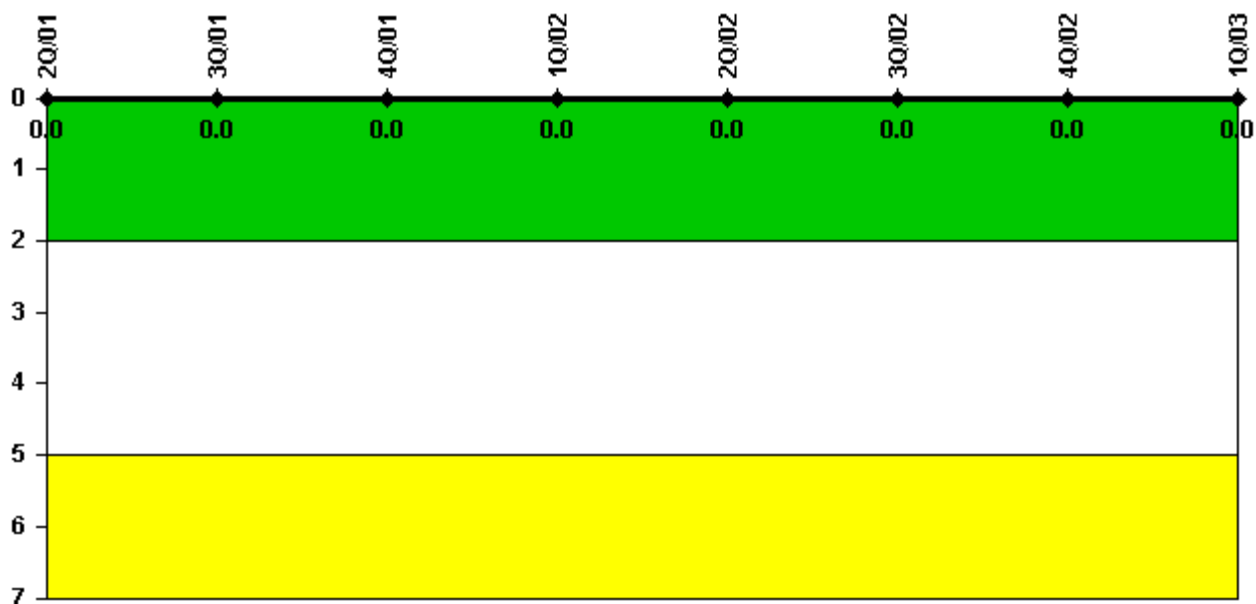
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

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

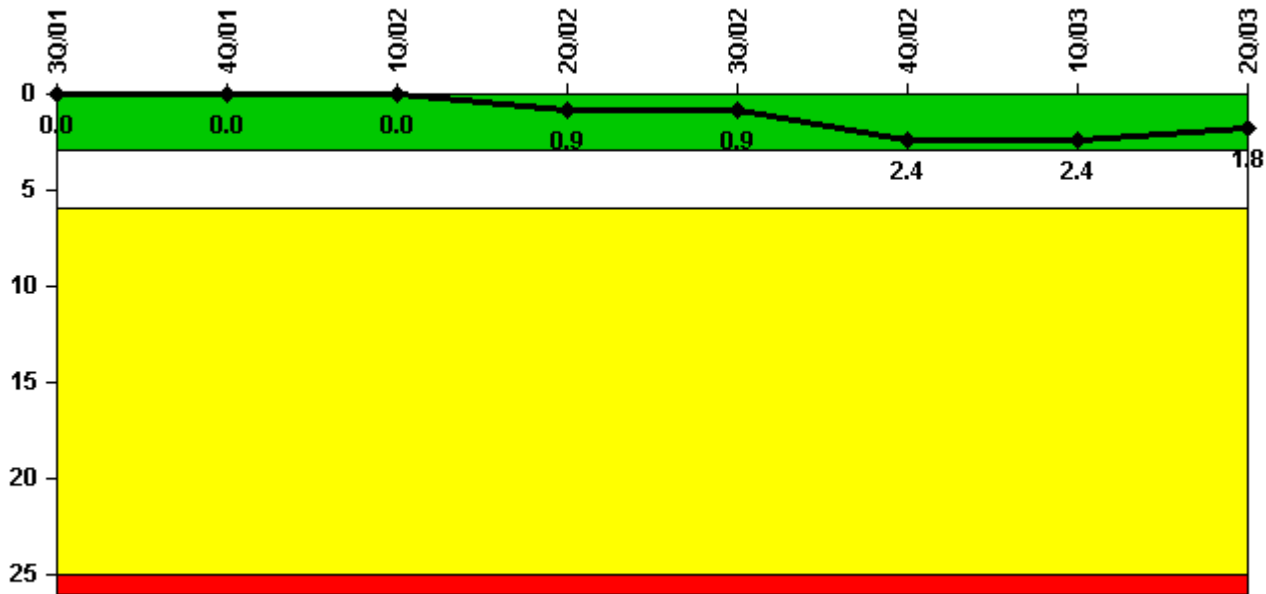
Last Modified: April 22, 2003

Farley 1

2Q/2003 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



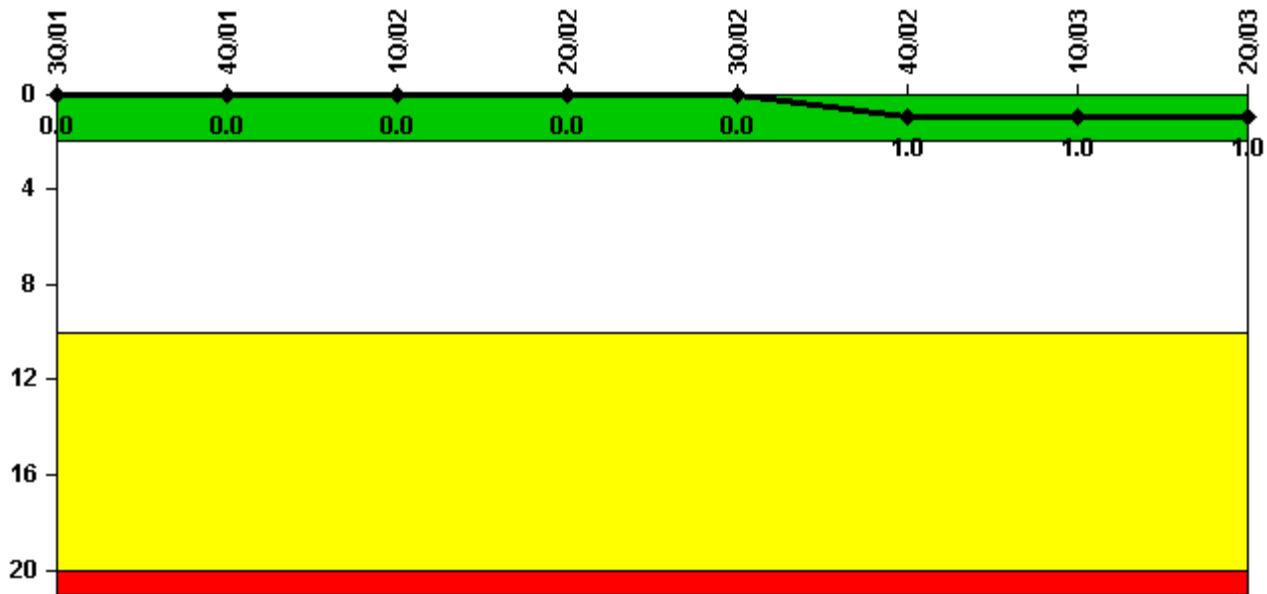
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Unplanned scrams	0	0	0	1.0	0	2.0	0	0
Critical hours	2208.0	1257.2	2160.0	2152.1	2208.0	2158.9	2089.1	1468.7
Indicator value	0	0	0	0.9	0.9	2.4	2.4	1.8

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



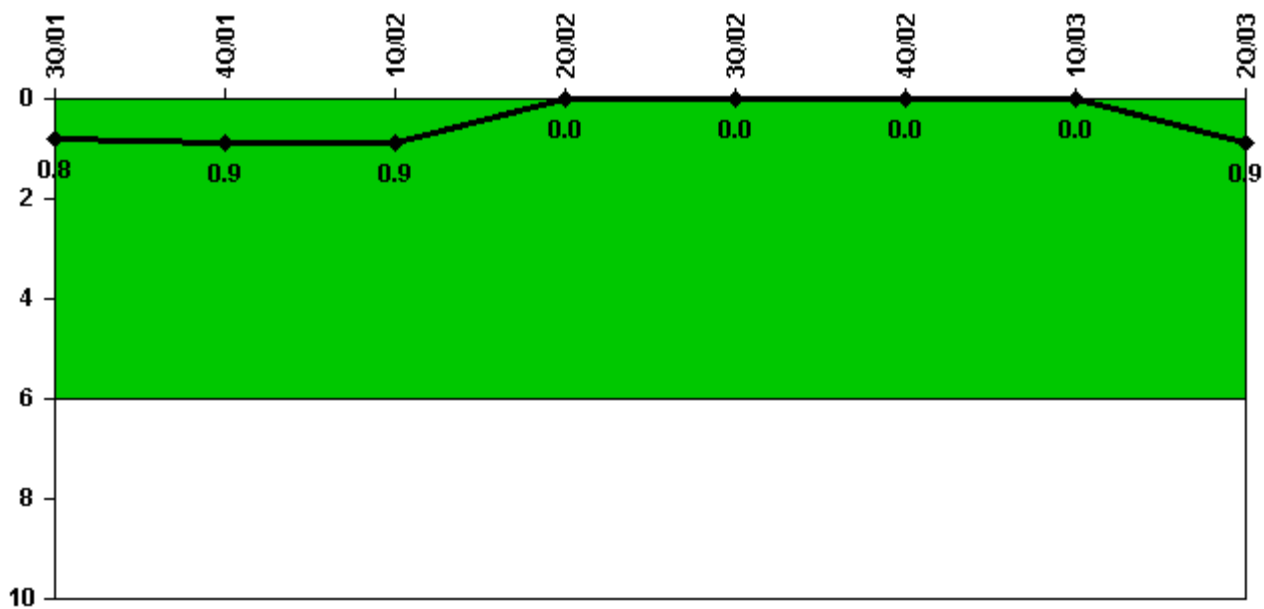
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



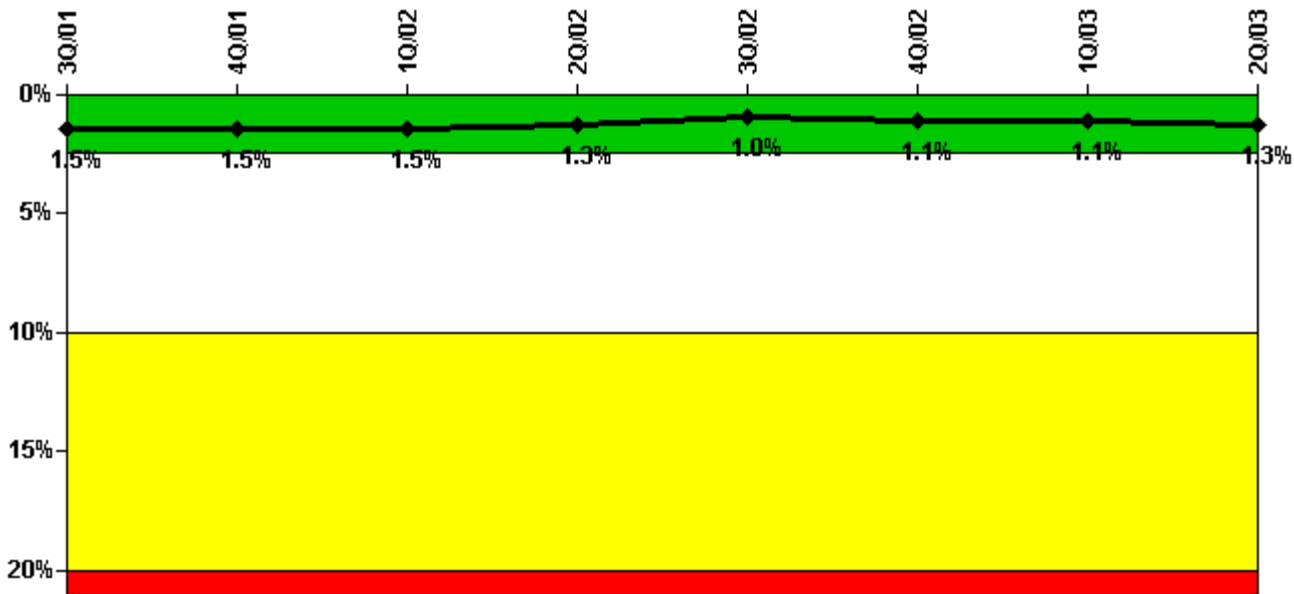
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Unplanned power changes	0	0	0	0	0	0	0	1.0
Critical hours	2208.0	1257.2	2160.0	2152.1	2208.0	2158.9	2089.1	1468.7
Indicator value	0.8	0.9	0.9	0	0	0	0	0.9

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



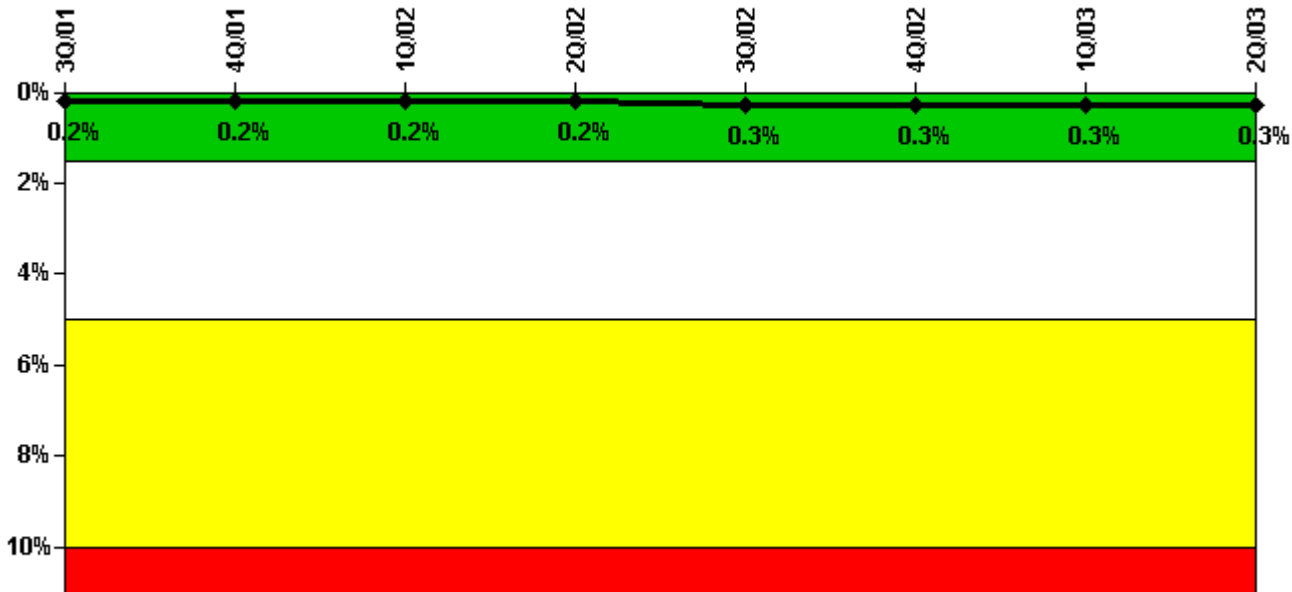
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Train 1								
Planned unavailable hours	20.30	0	0.50	14.50	10.50	7.70	0.97	125.40
Unplanned unavailable hours	0	0	0	0	0	101.90	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	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	0.80	0	1.10	6.00	13.80	0.60	33.00	0.30
Unplanned unavailable hours	121.10	0	0	1.60	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 3								
Planned unavailable hours	1.30	0	13.70	4.70	7.80	1.20	0.25	7.40
Unplanned unavailable hours	0	0	0	5.10	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	1.5%	1.5%	1.5%	1.3%	1.0%	1.1%	1.1%	1.3%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



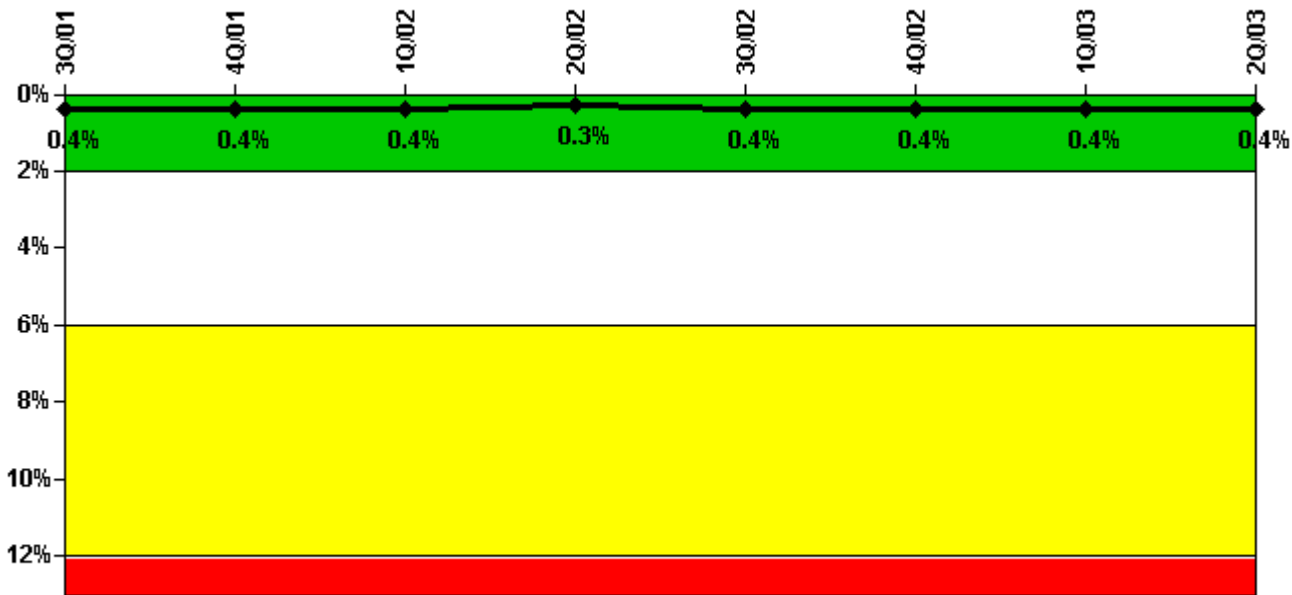
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Train 1								
Planned unavailable hours	2.80	3.90	5.50	3.00	3.50	5.20	2.50	2.00
Unplanned unavailable hours	0	0	0	0	22.10	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	1257.20	2160.00	2152.05	2208.00	2158.90	2089.10	1468.73
Train 2								
Planned unavailable hours	6.30	2.30	7.20	6.40	3.90	2.60	5.90	2.30
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	1257.20	2160.00	2152.05	2208.00	2158.90	2089.10	1468.73
Indicator value	0.2%	0.2%	0.2%	0.2%	0.3%	0.3%	0.3%	0.3%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



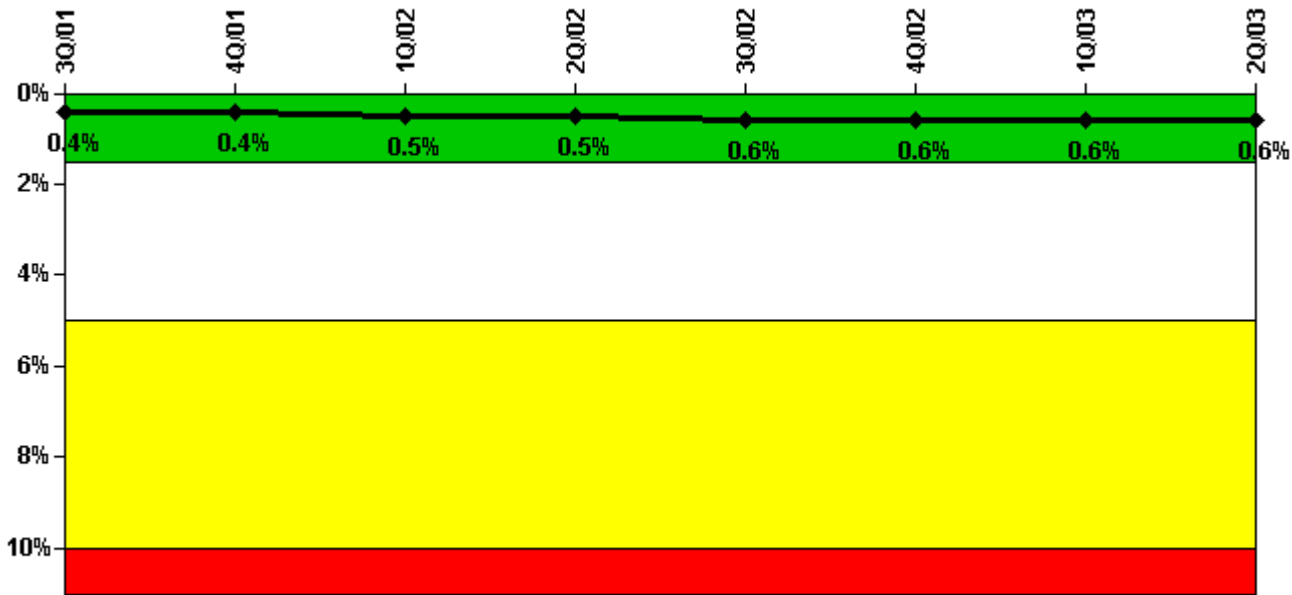
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Train 1								
Planned unavailable hours	2.80	2.60	5.50	3.00	5.20	5.20	3.50	2.70
Unplanned unavailable hours	0	0	0	0	22.10	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	1257.20	2160.00	2152.05	2208.00	2158.90	2089.10	1468.73
Train 2								
Planned unavailable hours	5.30	2.30	7.20	6.40	4.60	3.10	8.33	2.30
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	1257.20	2160.00	2152.05	2208.00	2158.90	2089.10	1468.73
Train 3								
Planned unavailable hours	0.40	1.60	0.90	0.60	9.90	0.30	2.16	40.00
Unplanned unavailable hours	33.20	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	1257.20	2160.00	2152.05	2208.00	2158.90	2089.10	1468.73
Indicator value	0.4%	0.4%	0.4%	0.3%	0.4%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



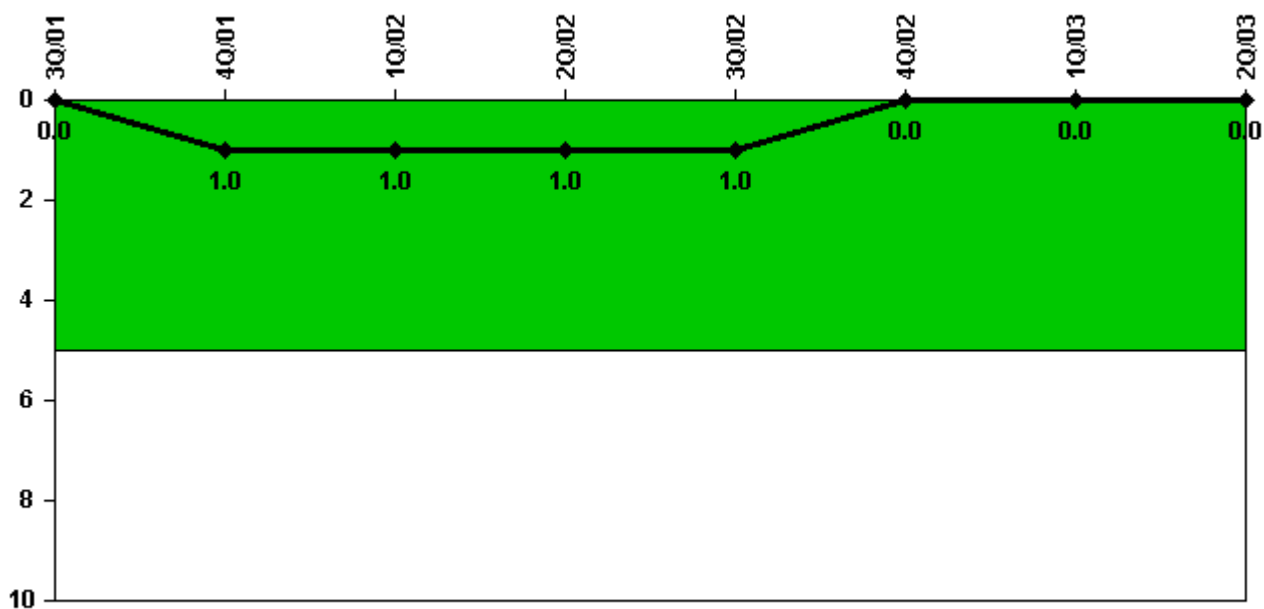
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Train 1								
Planned unavailable hours	3.30	16.40	6.00	10.60	4.00	19.80	14.70	7.90
Unplanned unavailable hours	0	0	0	0	22.10	0	13.30	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	15.80	3.10	18.70	7.20	18.20	11.40	6.90	15.90
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	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	0.4%	0.4%	0.5%	0.5%	0.6%	0.6%	0.6%	0.6%

Licensee Comments: none

Safety System Functional Failures (PWR)



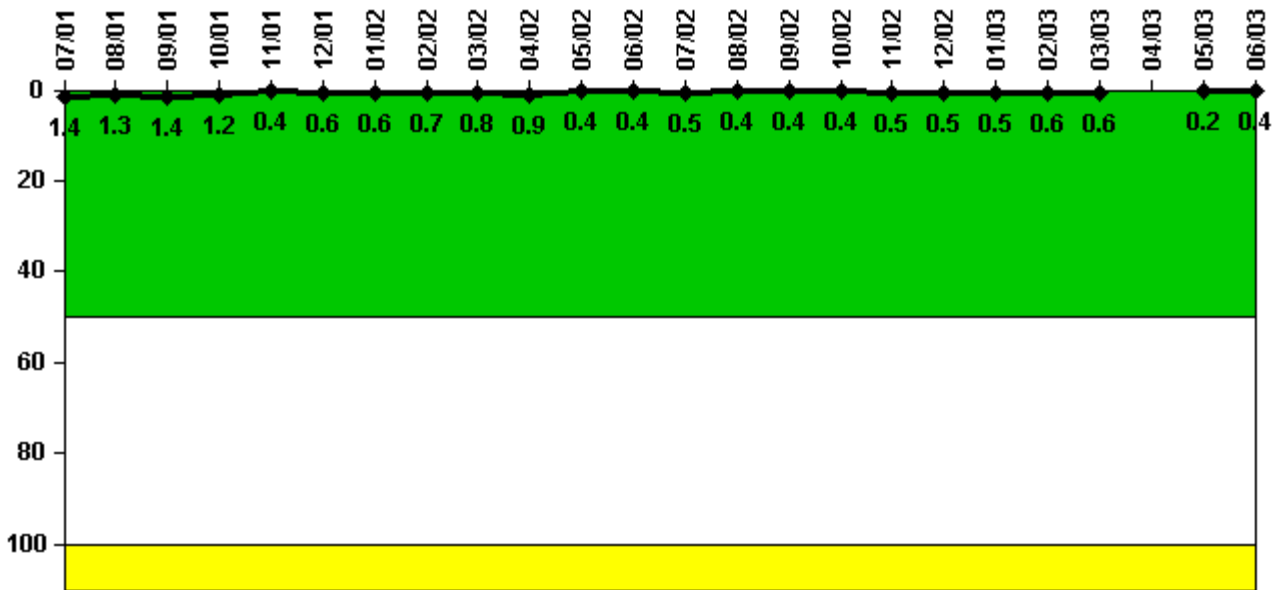
Thresholds: White > 5.0

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	0	1	1	1	1	0	0	0

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

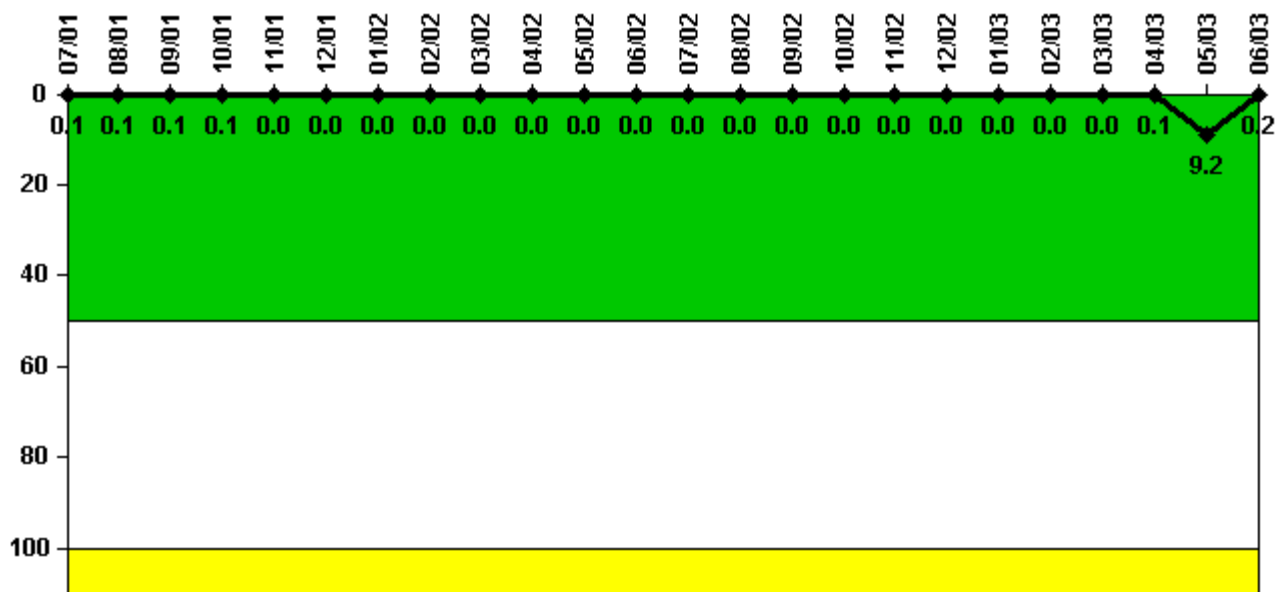
Notes

Reactor Coolant System Activity	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02
Maximum activity	0.006865	0.006441	0.006811	0.006216	0.001900	0.002883	0.003025	0.003698	0.003825	0.004250	0.002002	0.002161
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	1.4	1.3	1.4	1.2	0.4	0.6	0.6	0.7	0.8	0.9	0.4	0.4

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	0.002280	0.002197	0.002156	0.002145	0.002302	0.002536	0.002593	0.002833	0.002807	N/A	0.001185	0.002150
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.5	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.6	N/A	0.2	0.4

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

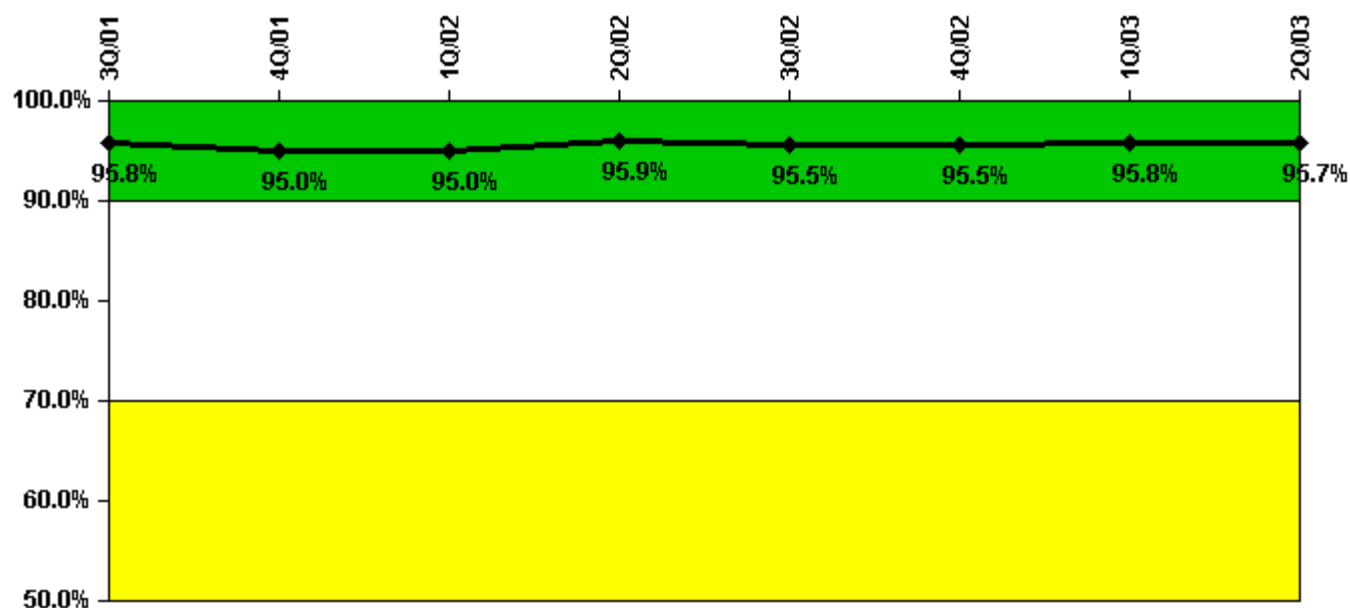
Notes

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	0.013	0.011	0.012	0.012	0	0	0	0	0	0	0	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.1	0.1	0.1	0	0	0	0	0	0	0	0

Reactor Coolant System Leakage	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03
Maximum leakage	0	0	0	0	0	0	0	0	0	0.008	0.917	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	0	0	0	0	0	0	0	0	0.1	9.2	0.2

Licensee Comments: none

Drill/Exercise Performance



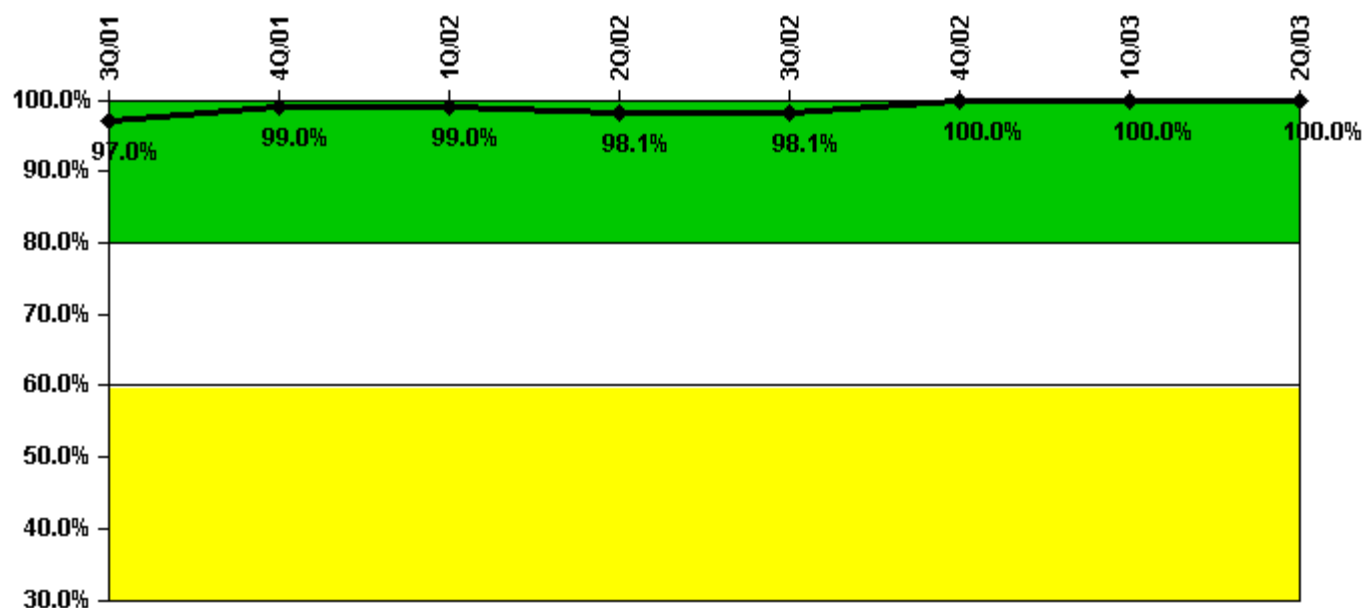
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Successful opportunities	61.0	38.0	6.0	79.0	56.0	8.0	8.0	8.0
Total opportunities	64.0	42.0	6.0	82.0	58.0	8.0	8.0	8.0
Indicator value	95.8%	95.0%	95.0%	95.9%	95.5%	95.5%	95.8%	95.7%

Licensee Comments: none

ERO Drill Participation



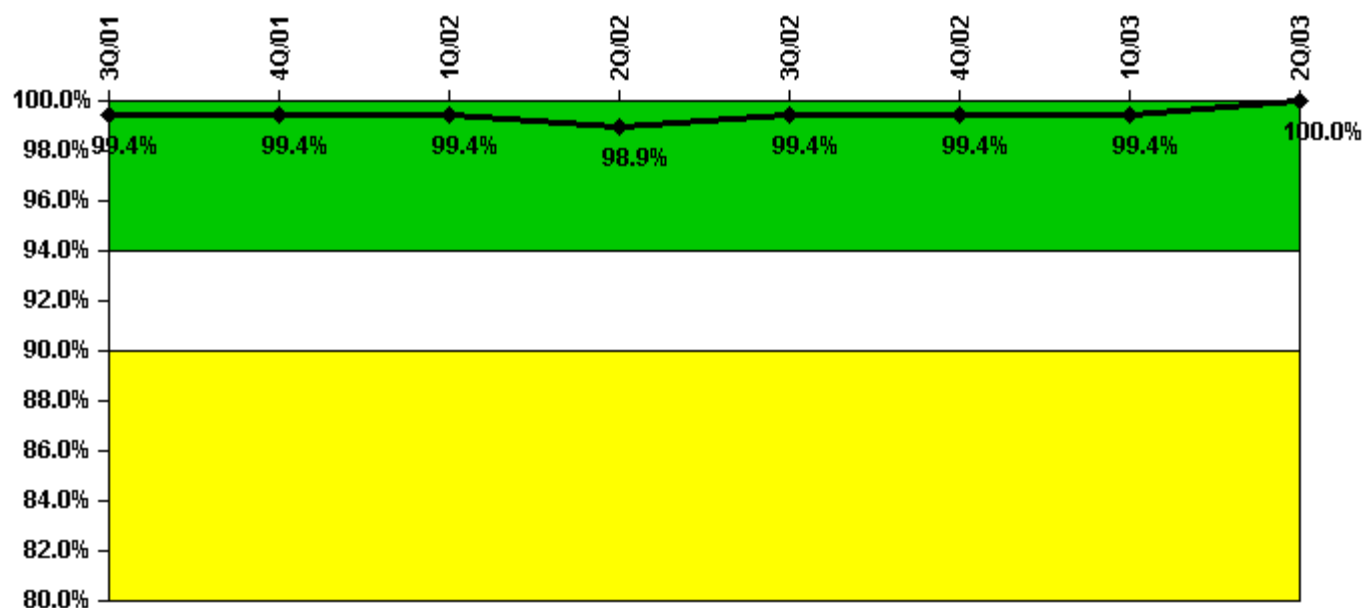
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Participating Key personnel	97.0	99.0	102.0	106.0	101.0	104.0	102.0	101.0
Total Key personnel	100.0	100.0	103.0	108.0	103.0	104.0	102.0	101.0
Indicator value	97.0%	99.0%	99.0%	98.1%	98.1%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



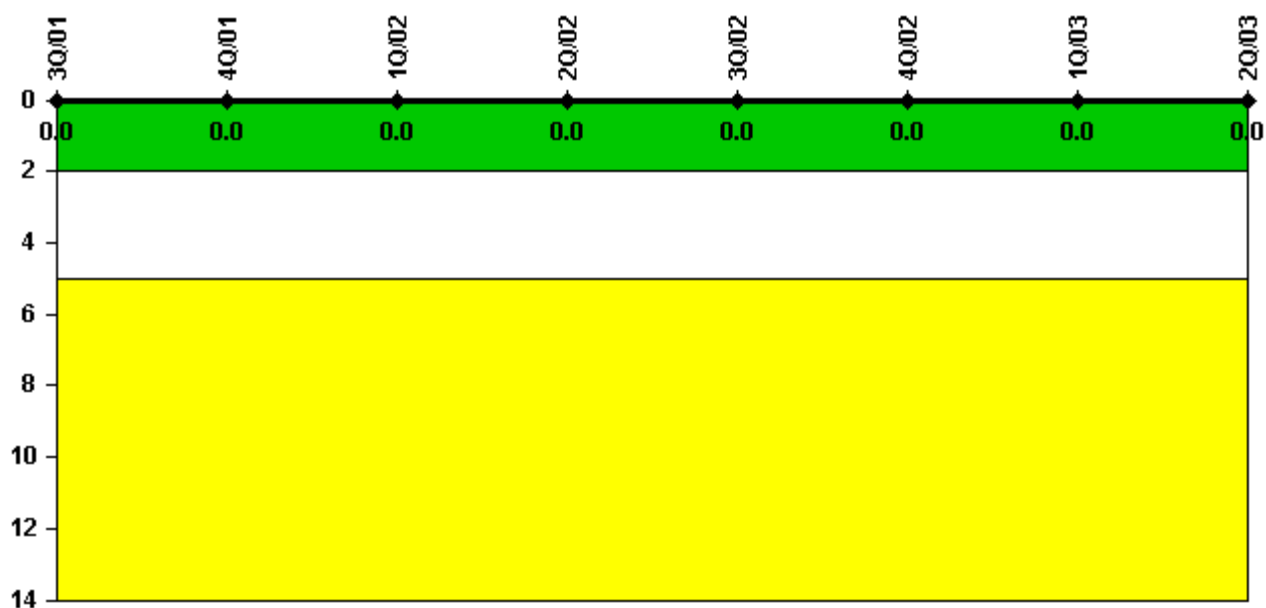
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Successful siren-tests	41	45	42	44	45	42	48	45
Total sirens-tests	42	45	42	45	45	42	48	45
Indicator value	99.4%	99.4%	99.4%	98.9%	99.4%	99.4%	99.4%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness

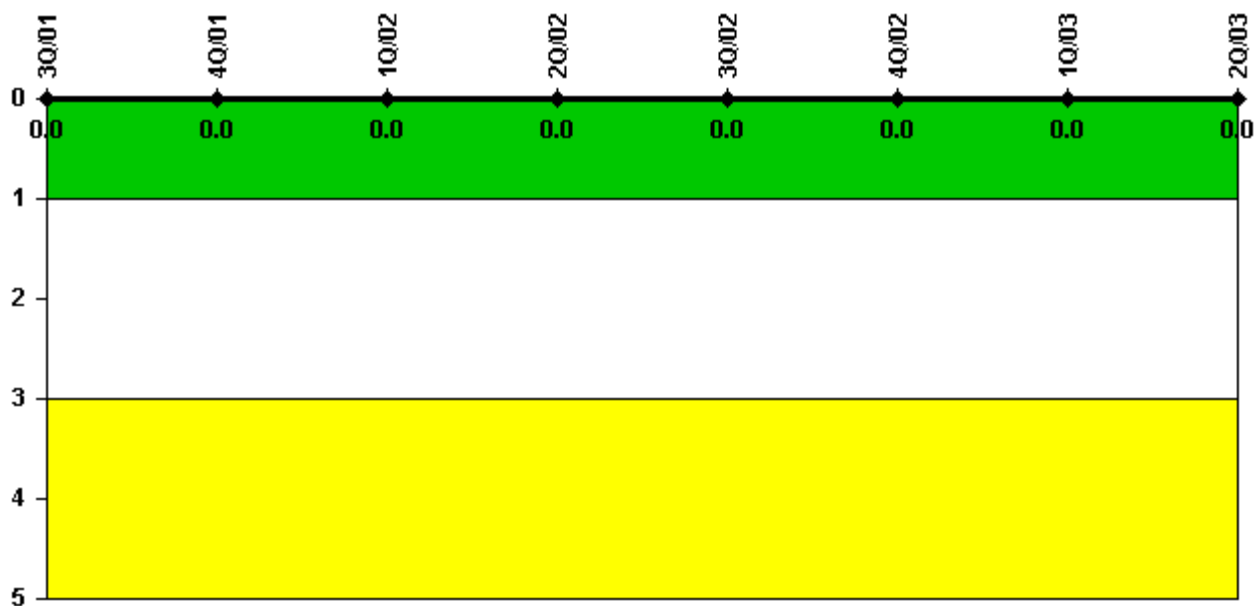


Thresholds: White > 2.0 Yellow > 5.0

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

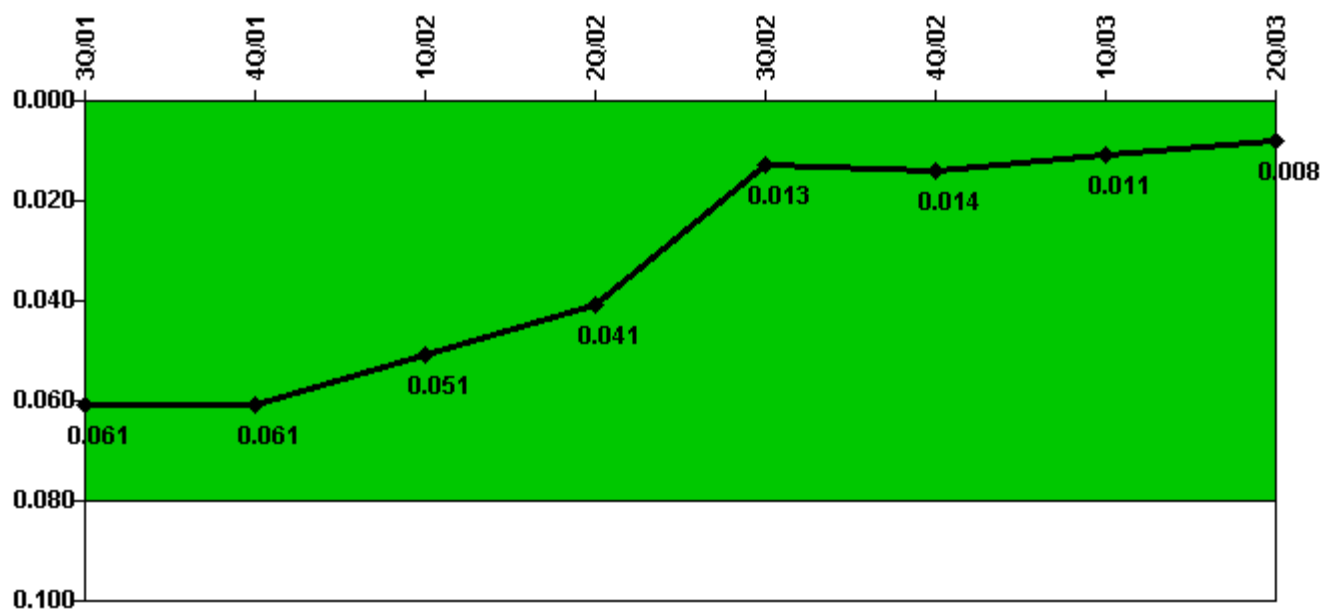
Thresholds: White > 1.0 Yellow > 3.0

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



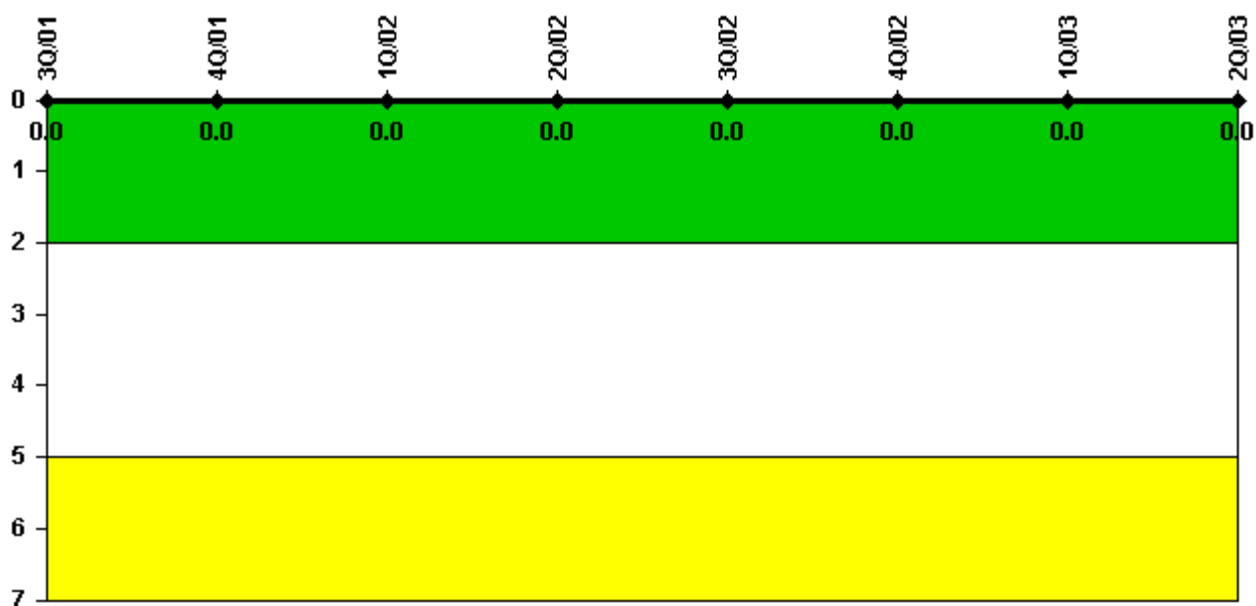
Thresholds: White > 0.080

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	71.96	44.90	82.60	104.00	27.90	110.90	15.60	73.13
CCTV compensatory hours	475.5	20.5	18.9	29.8	12.0	0.1	1.9	0
IDS normalization factor	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.061	0.061	0.051	0.041	0.013	0.014	0.011	0.008

Licensee Comments: none

Personnel Screening Program



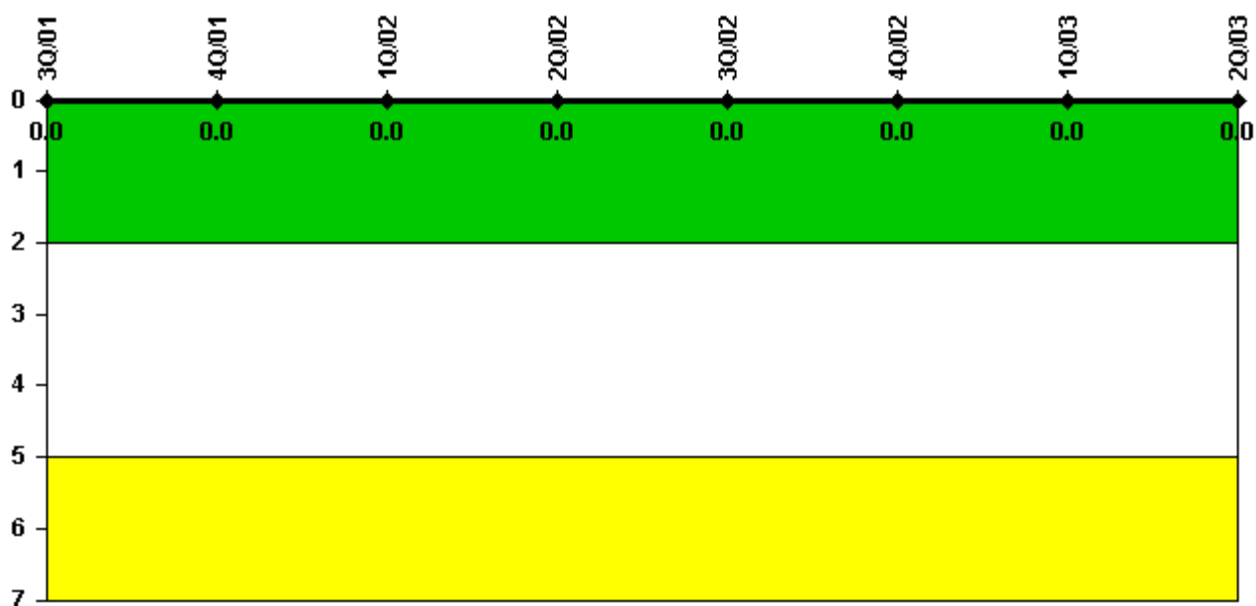
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

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

Last Modified: July 22, 2003

Farley 1

3Q/2003 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



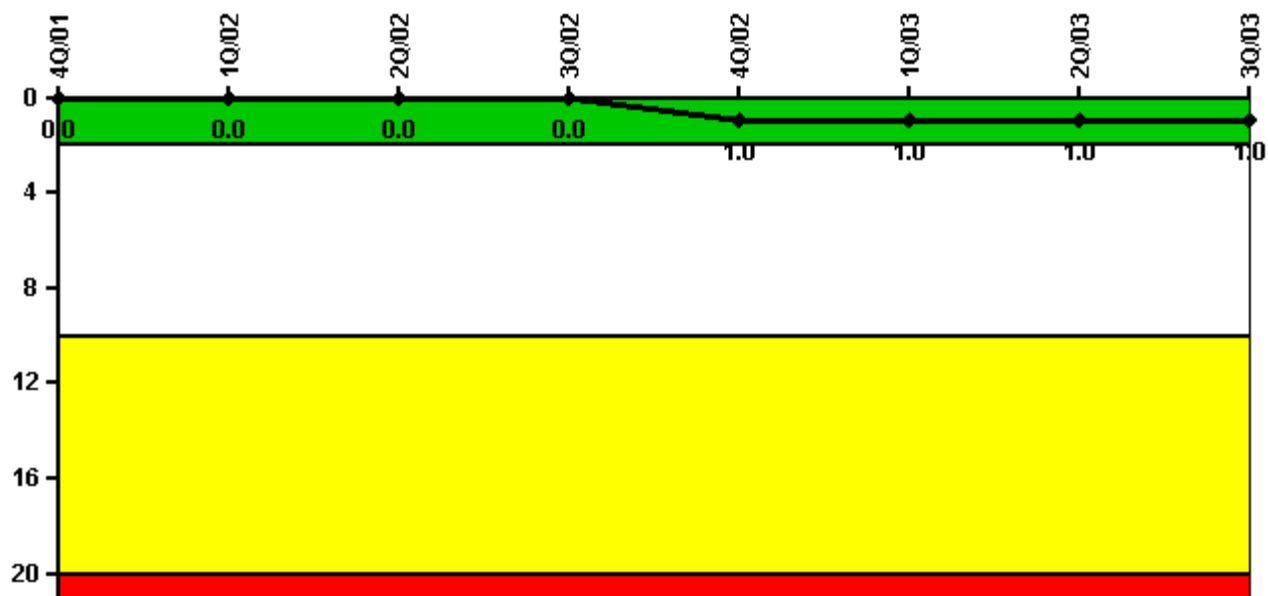
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Unplanned scrams	0	0	1.0	0	2.0	0	0	0
Critical hours	1257.2	2160.0	2152.1	2208.0	2158.9	2089.1	1468.7	2208.0
Indicator value	0	0	0.9	0.9	2.4	2.4	1.8	1.8

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



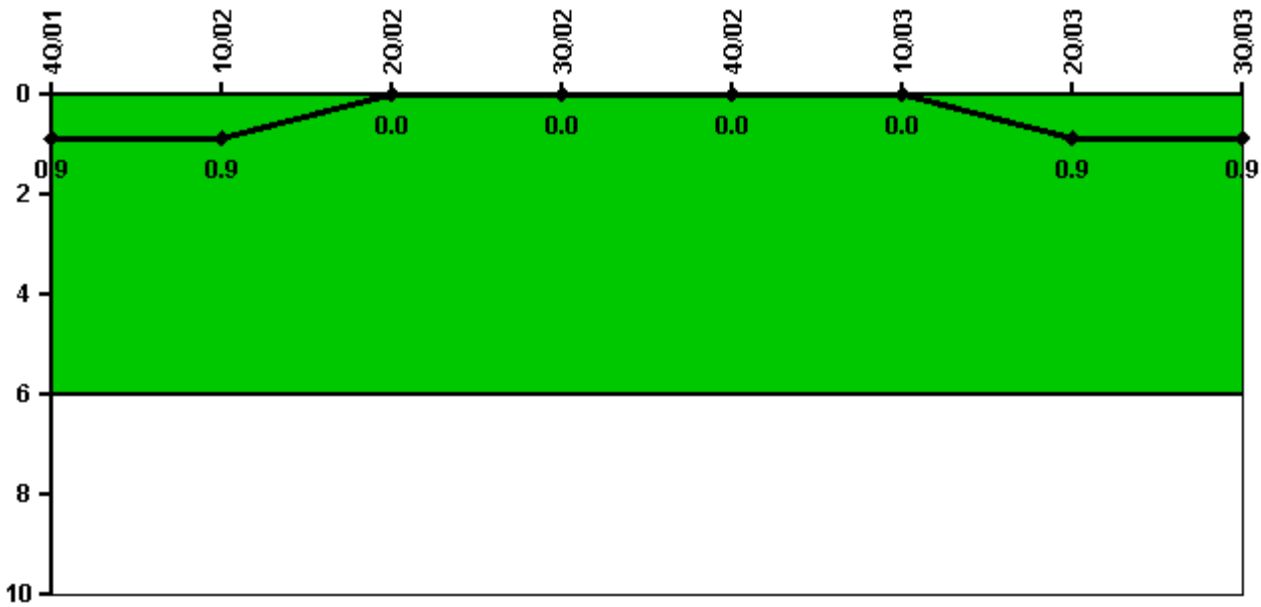
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



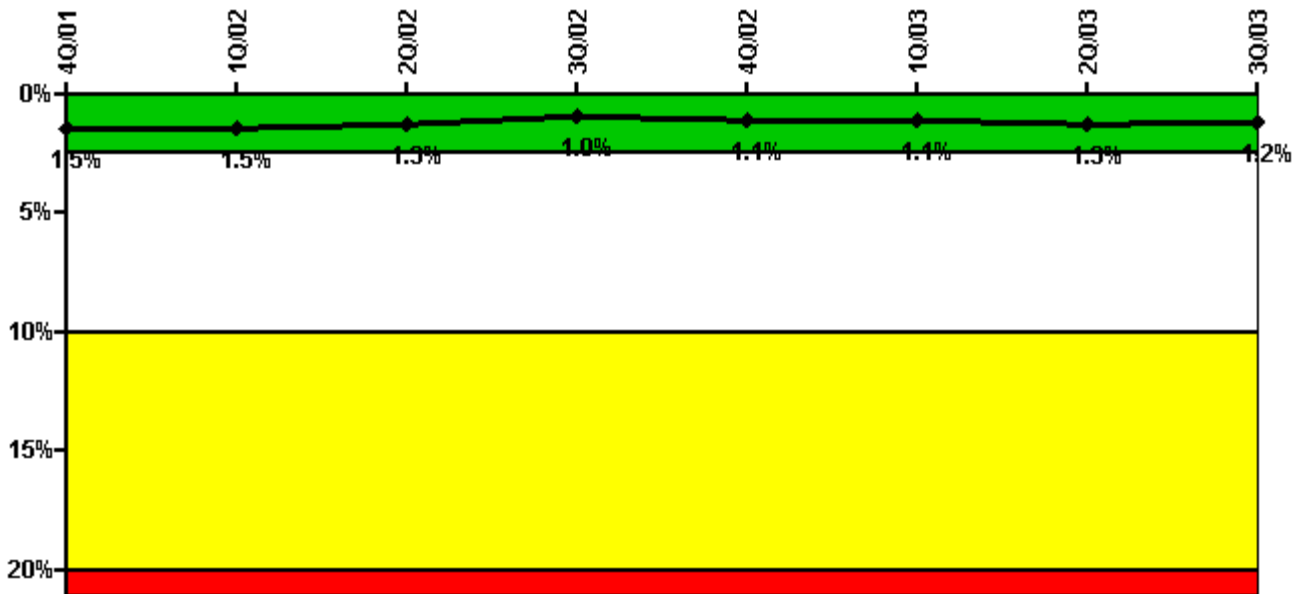
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Unplanned power changes	0	0	0	0	0	0	1.0	0
Critical hours	1257.2	2160.0	2152.1	2208.0	2158.9	2089.1	1468.7	2208.0
Indicator value	0.9	0.9	0	0	0	0	0.9	0.9

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



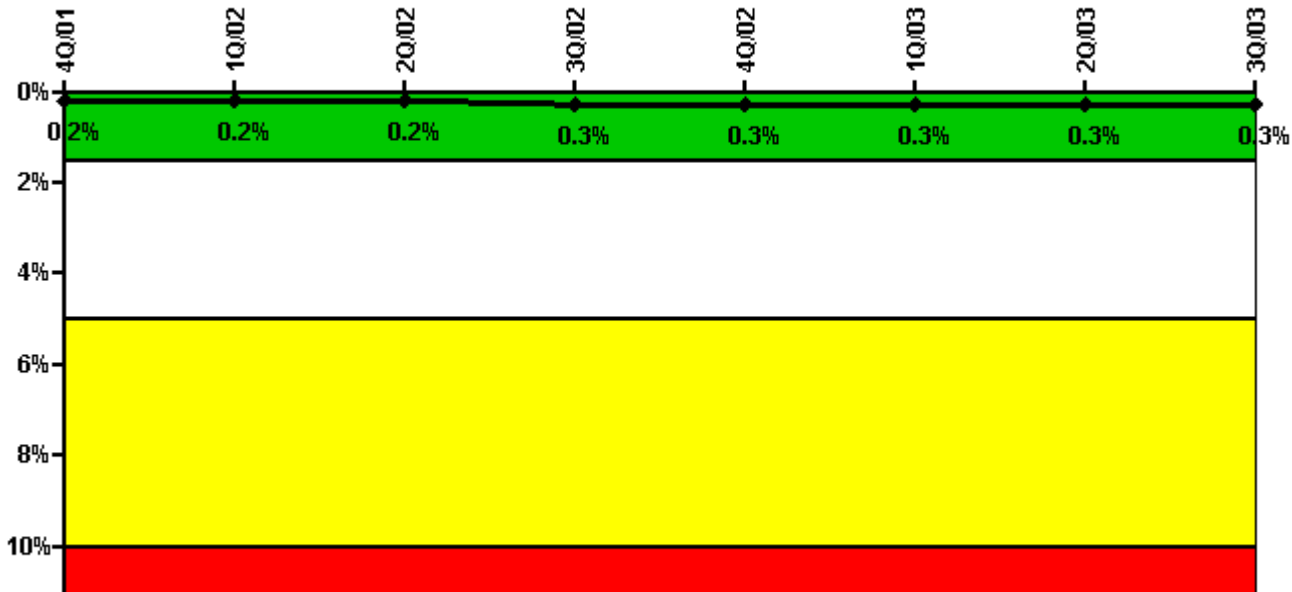
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Train 1								
Planned unavailable hours	0	0.50	14.50	10.50	7.70	0.97	125.40	26.10
Unplanned unavailable hours	0	0	0	0	101.90	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	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	0	1.10	6.00	13.80	0.60	33.00	0.30	30.20
Unplanned unavailable hours	0	0	1.60	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 3								
Planned unavailable hours	0	13.70	4.70	7.80	1.20	0.25	7.40	10.20
Unplanned unavailable hours	0	0	5.10	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	1.5%	1.5%	1.3%	1.0%	1.1%	1.1%	1.3%	1.2%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



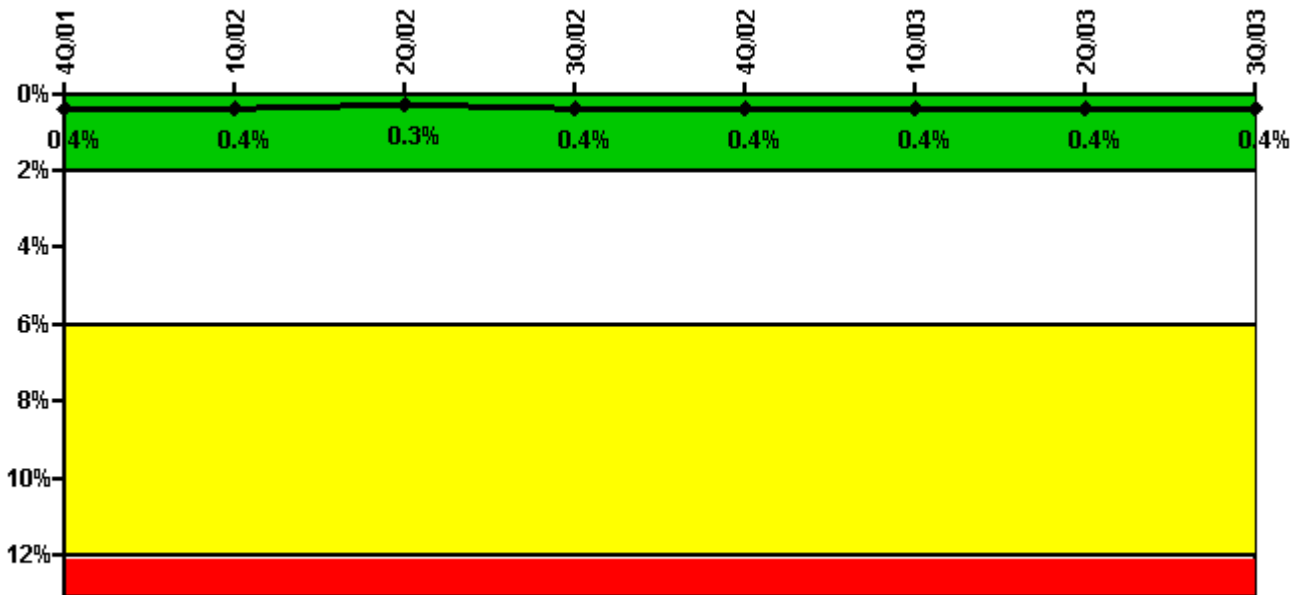
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Train 1								
Planned unavailable hours	3.90	5.50	3.00	3.50	5.20	2.50	2.00	4.20
Unplanned unavailable hours	0	0	0	22.10	0	0	0	3.80
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1257.20	2160.00	2152.05	2208.00	2158.90	2089.10	1468.73	2208.00
Train 2								
Planned unavailable hours	2.30	7.20	6.40	3.90	2.60	5.90	2.30	6.00
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	1257.20	2160.00	2152.05	2208.00	2158.90	2089.10	1468.73	2208.00
Indicator value	0.2%	0.2%	0.2%	0.3%	0.3%	0.3%	0.3%	0.3%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



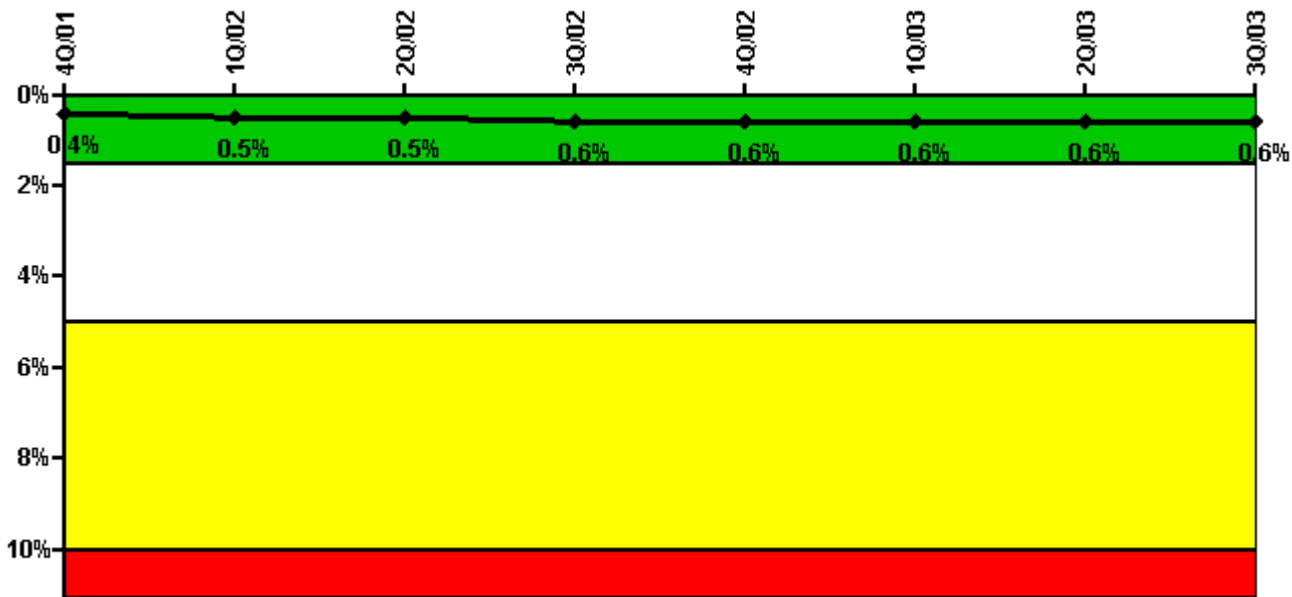
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Train 1								
Planned unavailable hours	2.60	5.50	3.00	5.20	5.20	3.50	2.70	9.90
Unplanned unavailable hours	0	0	0	22.10	0	0	0	3.80
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1257.20	2160.00	2152.05	2208.00	2158.90	2089.10	1468.73	2208.00
Train 2								
Planned unavailable hours	2.30	7.20	6.40	4.60	3.10	8.33	2.30	7.90
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	1257.20	2160.00	2152.05	2208.00	2158.90	2089.10	1468.73	2208.00
Train 3								
Planned unavailable hours	1.60	0.90	0.60	9.90	0.30	2.16	40.00	3.40
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	1257.20	2160.00	2152.05	2208.00	2158.90	2089.10	1468.73	2208.00
Indicator value	0.4%	0.4%	0.3%	0.4%	0.4%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



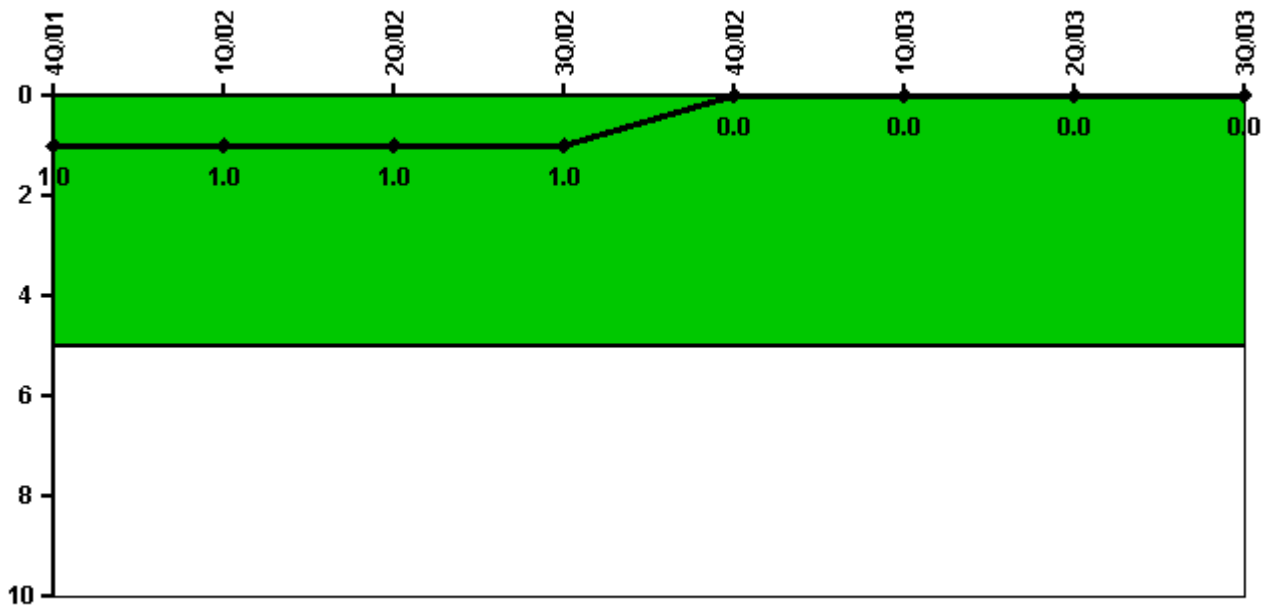
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Train 1								
Planned unavailable hours	16.40	6.00	10.60	4.00	19.80	14.70	7.90	11.00
Unplanned unavailable hours	0	0	0	22.10	0	13.30	0	3.80
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	3.10	18.70	7.20	18.20	11.40	6.90	15.90	8.00
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	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	0.4%	0.5%	0.5%	0.6%	0.6%	0.6%	0.6%	0.6%

Licensee Comments: none

Safety System Functional Failures (PWR)



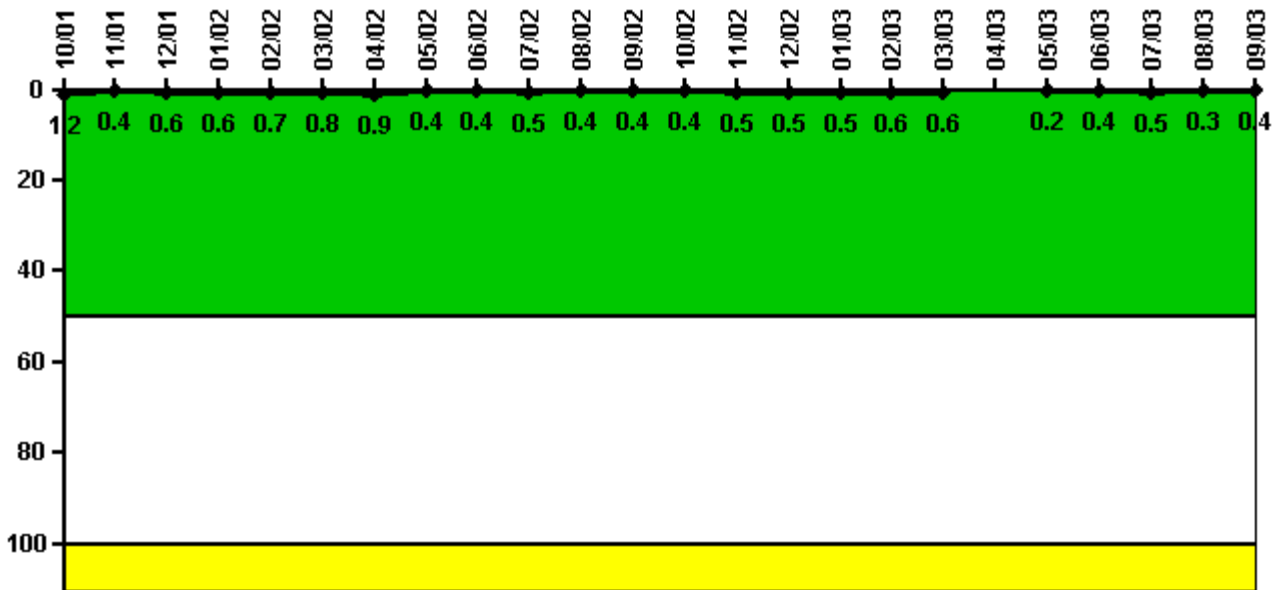
Thresholds: White > 5.0

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

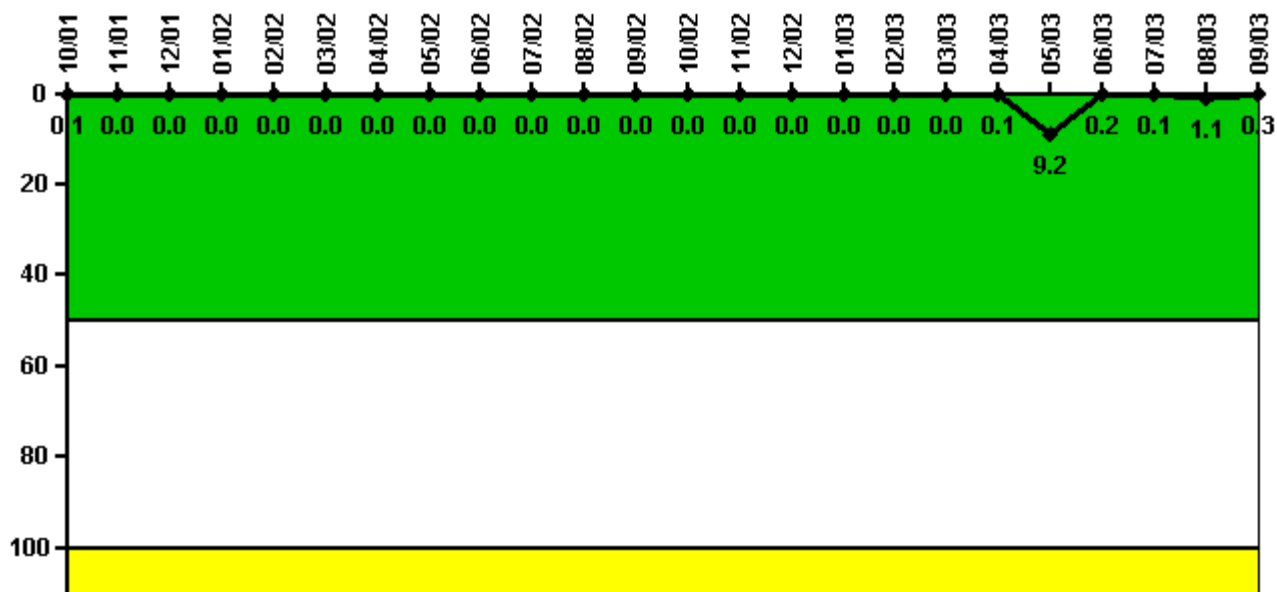
Notes

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	0.006216	0.001900	0.002883	0.003025	0.003698	0.003825	0.004250	0.002002	0.002161	0.002280	0.002197	0.002156
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	1.2	0.4	0.6	0.6	0.7	0.8	0.9	0.4	0.4	0.5	0.4	0.4

Reactor Coolant System Activity	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03
Maximum activity	0.002145	0.002302	0.002536	0.002593	0.002833	0.002807	N/A	0.001185	0.002150	0.002310	0.001570	0.002002
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.4	0.5	0.5	0.5	0.6	0.6	N/A	0.2	0.4	0.5	0.3	0.4

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

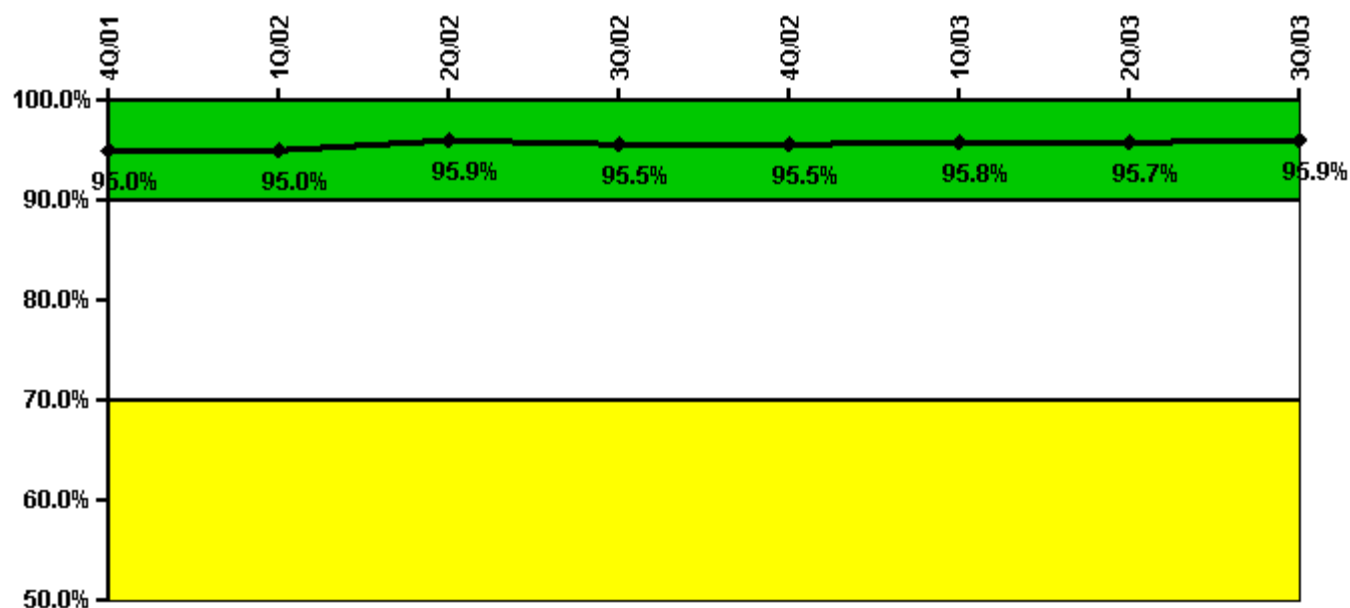
Notes

Reactor Coolant System Leakage	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02
Maximum leakage	0.012	0	0	0	0	0	0	0	0	0	0	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0	0	0	0	0	0	0	0	0	0	0

Reactor Coolant System Leakage	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03
Maximum leakage	0	0	0	0	0	0	0.008	0.917	0.015	0.010	0.109	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	0	0	0	0	0	0.1	9.2	0.2	0.1	1.1	0.3

Licensee Comments: none

Drill/Exercise Performance



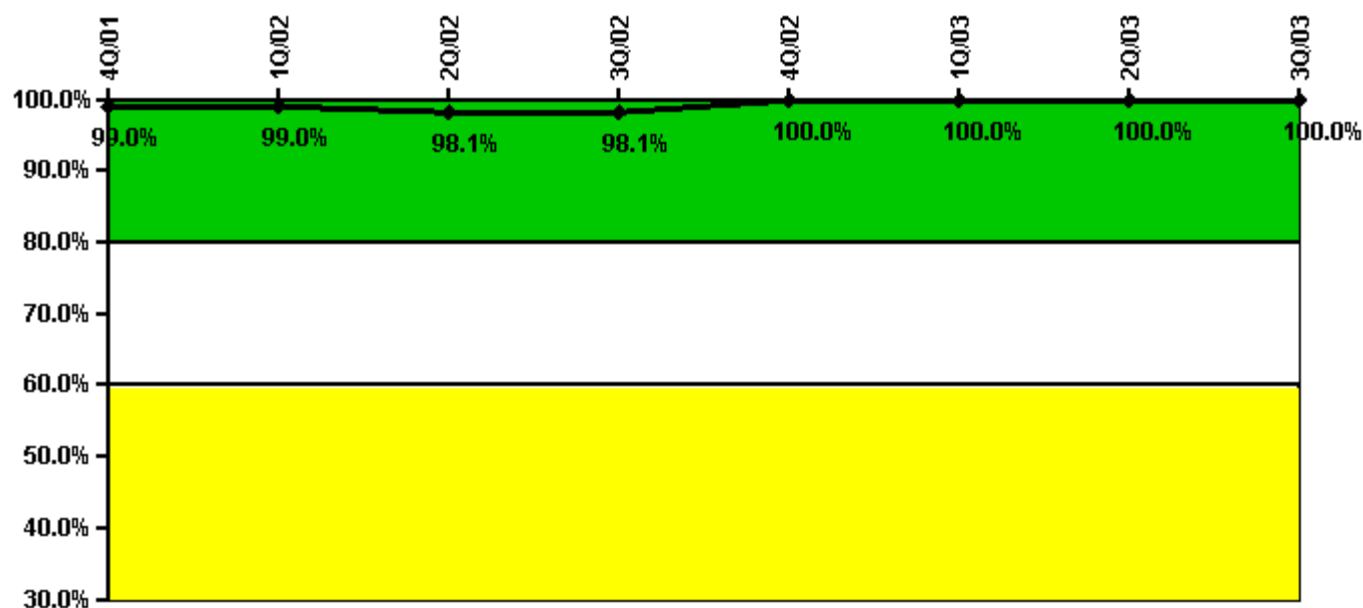
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Successful opportunities	38.0	6.0	79.0	56.0	8.0	8.0	8.0	33.0
Total opportunities	42.0	6.0	82.0	58.0	8.0	8.0	8.0	34.0
Indicator value	95.0%	95.0%	95.9%	95.5%	95.5%	95.8%	95.7%	95.9%

Licensee Comments: none

ERO Drill Participation



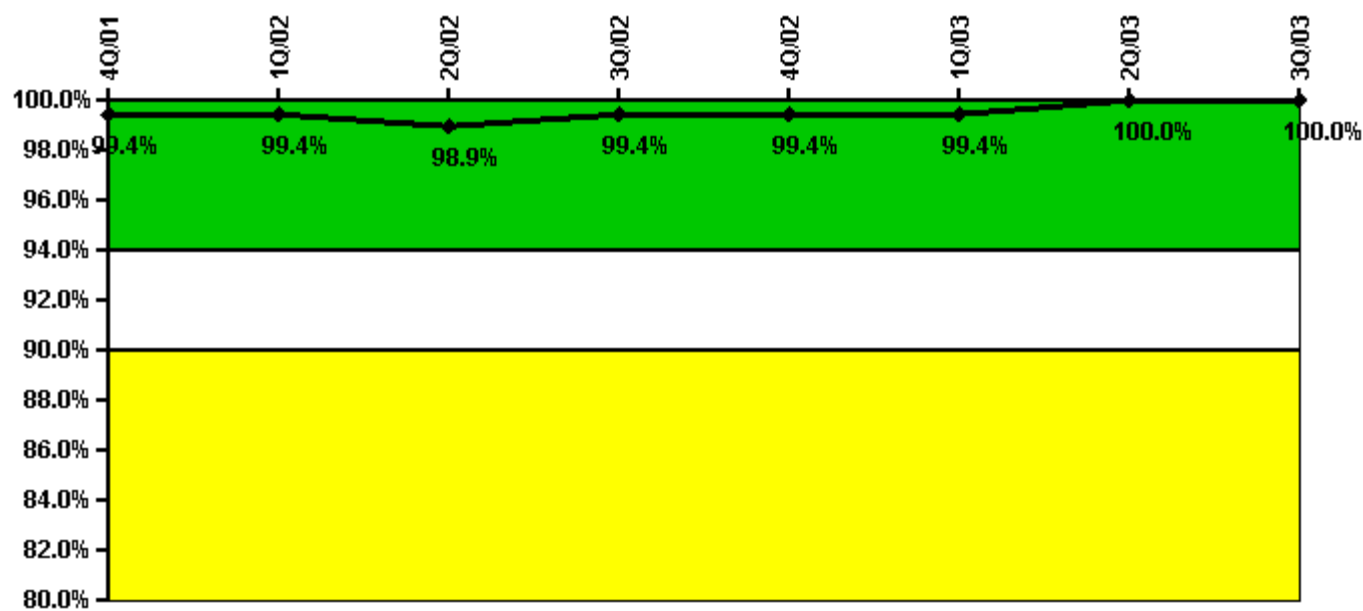
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Participating Key personnel	99.0	102.0	106.0	101.0	104.0	102.0	101.0	100.0
Total Key personnel	100.0	103.0	108.0	103.0	104.0	102.0	101.0	100.0
Indicator value	99.0%	99.0%	98.1%	98.1%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



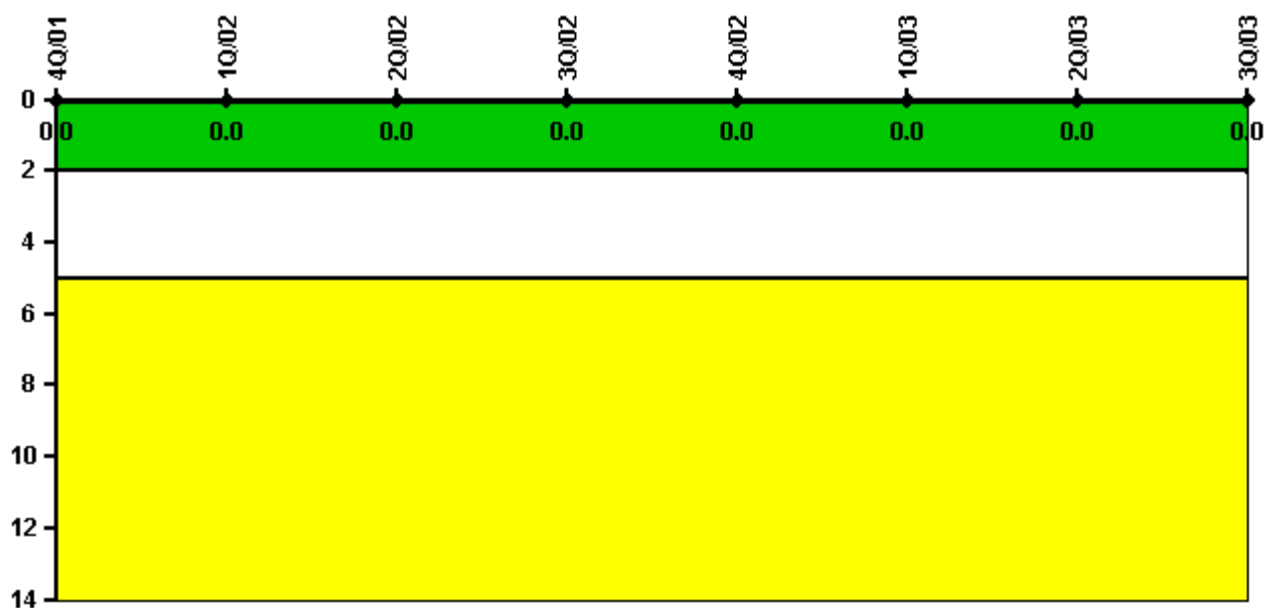
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Successful siren-tests	45	42	44	45	42	48	45	45
Total sirens-tests	45	42	45	45	42	48	45	45
Indicator value	99.4%	99.4%	98.9%	99.4%	99.4%	99.4%	100.0%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness

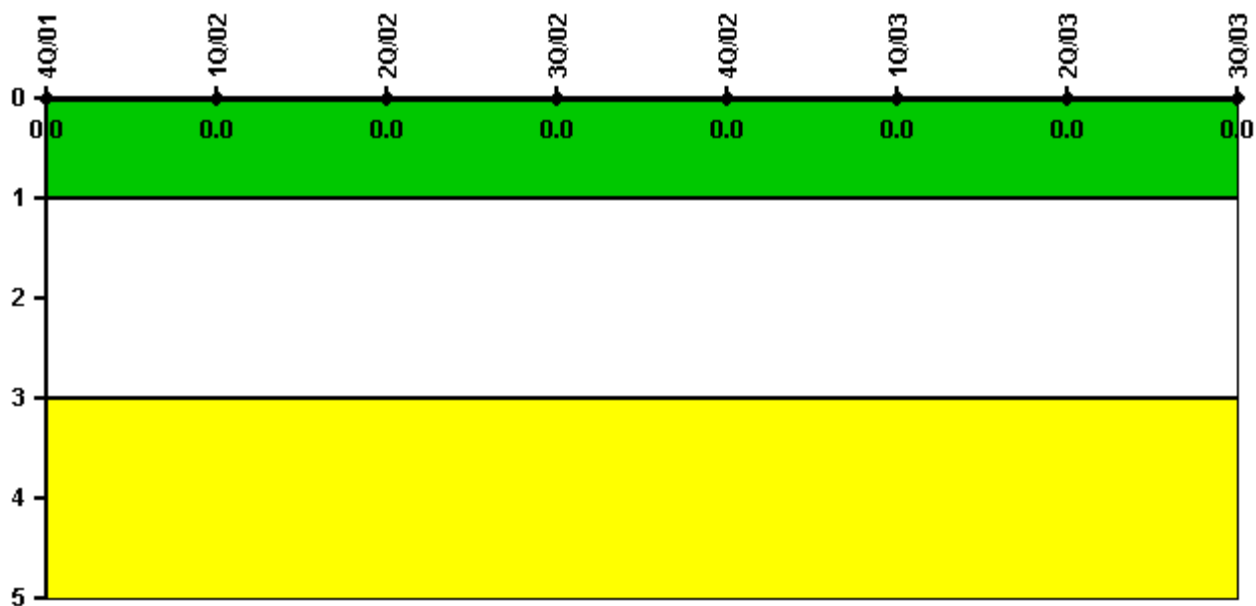


Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

RETS/ODCM Radiological Effluent

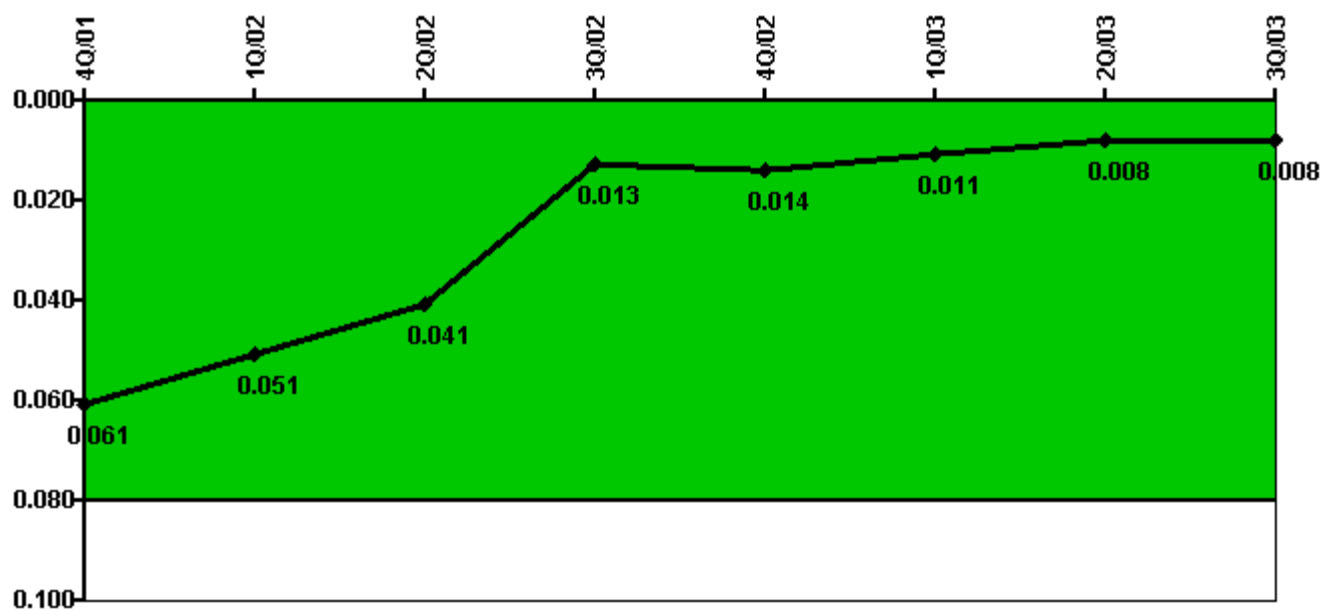
Thresholds: White > 1.0 Yellow > 3.0

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



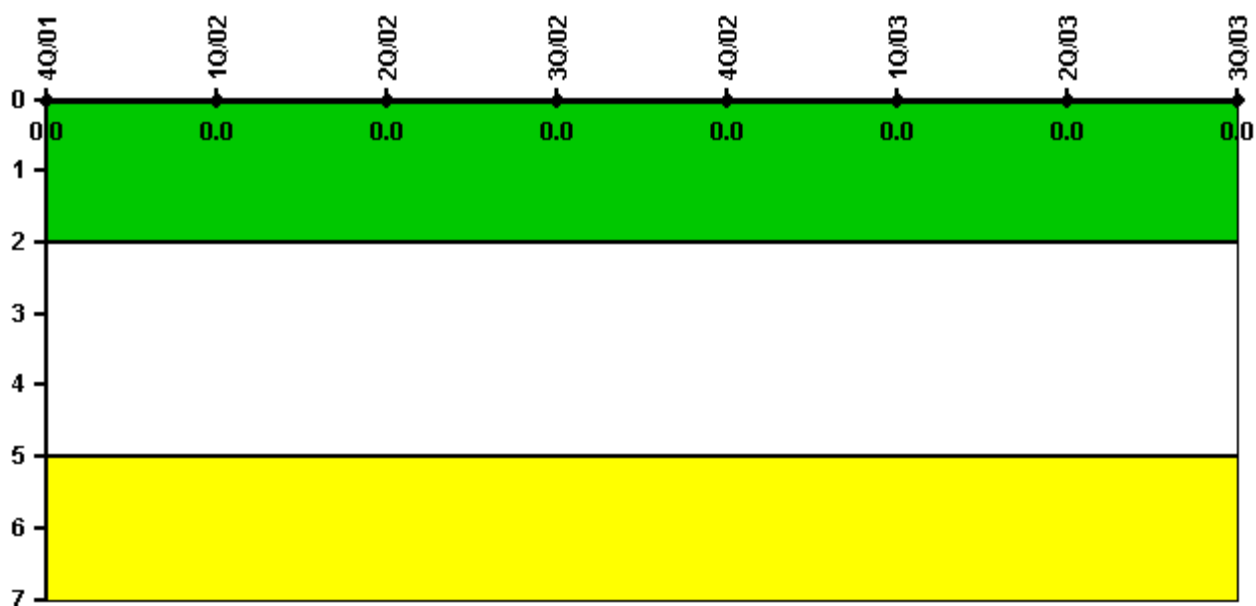
Thresholds: White > 0.080

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	44.90	82.60	104.00	27.90	110.90	15.60	73.13	21.04
CCTV compensatory hours	20.5	18.9	29.8	12.0	0.1	1.9	0	0
IDS normalization factor	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.061	0.051	0.041	0.013	0.014	0.011	0.008	0.008

Licensee Comments: none

Personnel Screening Program



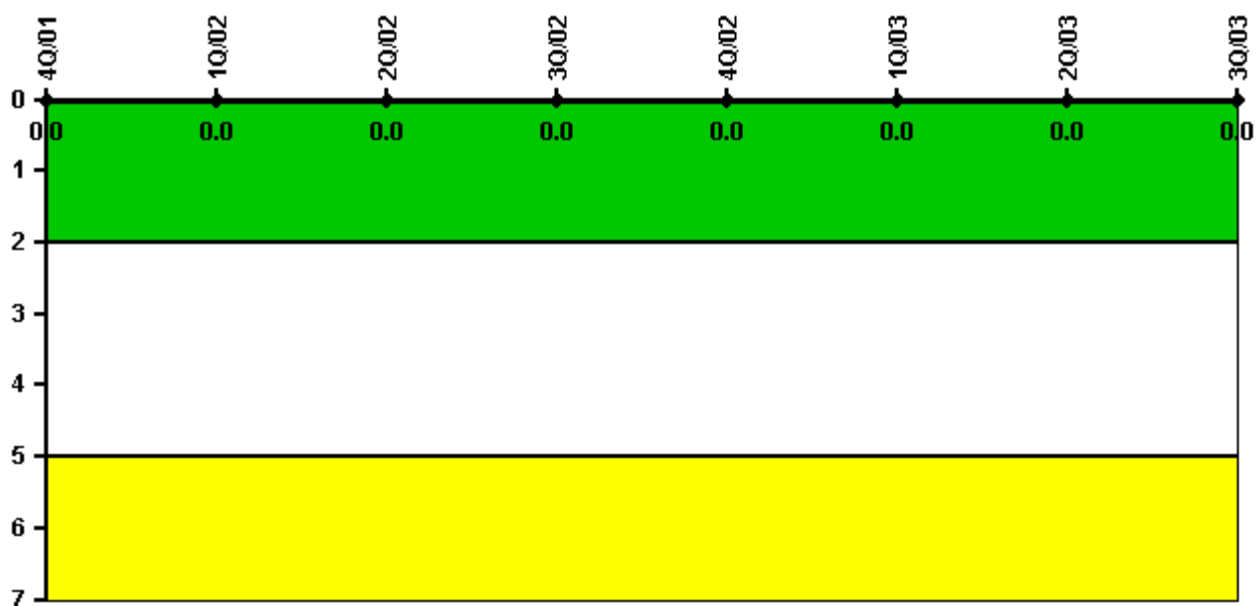
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

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

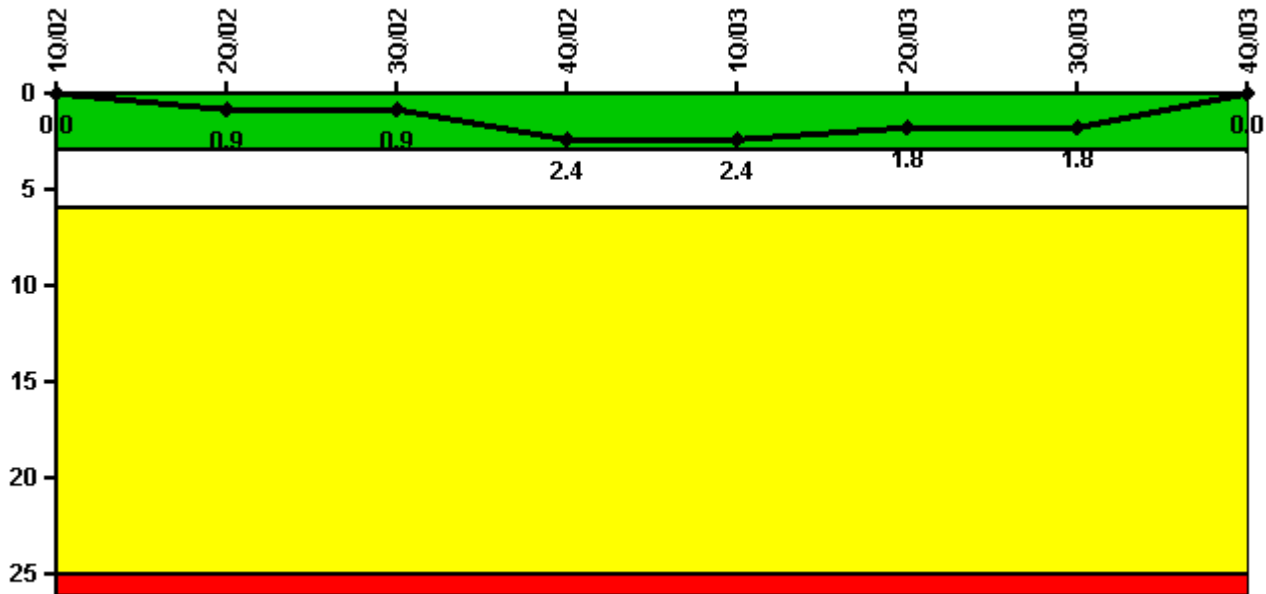
Last Modified: October 22, 2003

Farley 1

4Q/2003 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



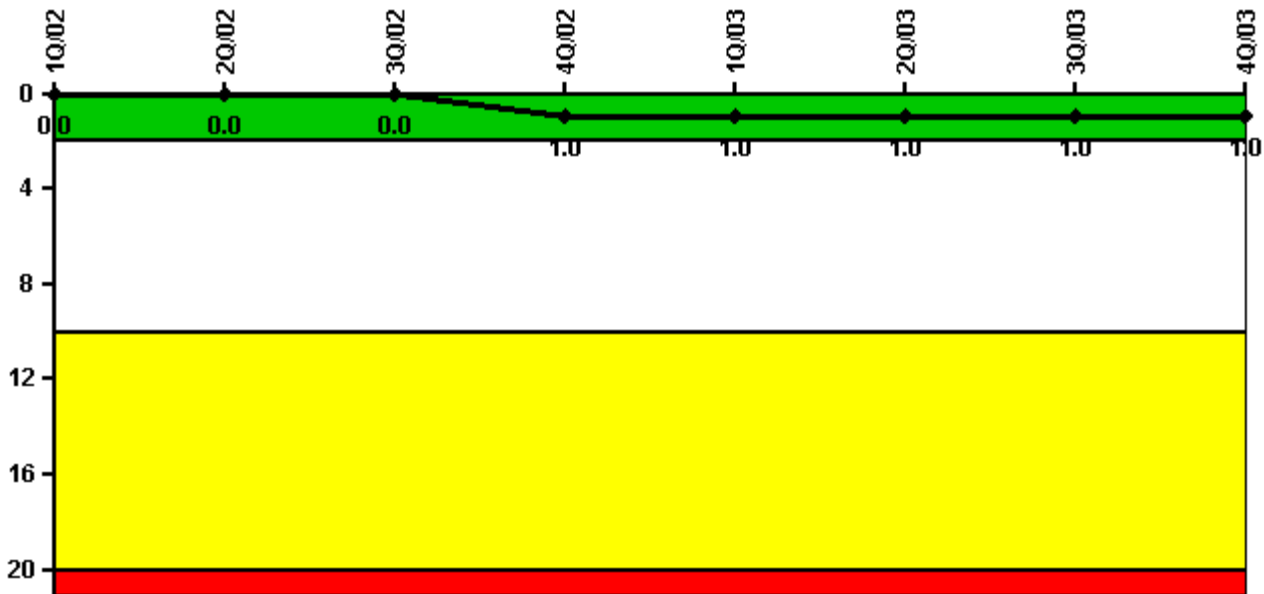
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Unplanned scrams	0	1.0	0	2.0	0	0	0	0
Critical hours	2160.0	2152.1	2208.0	2158.9	2089.1	1468.7	2208.0	2209.0
Indicator value	0	0.9	0.9	2.4	2.4	1.8	1.8	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



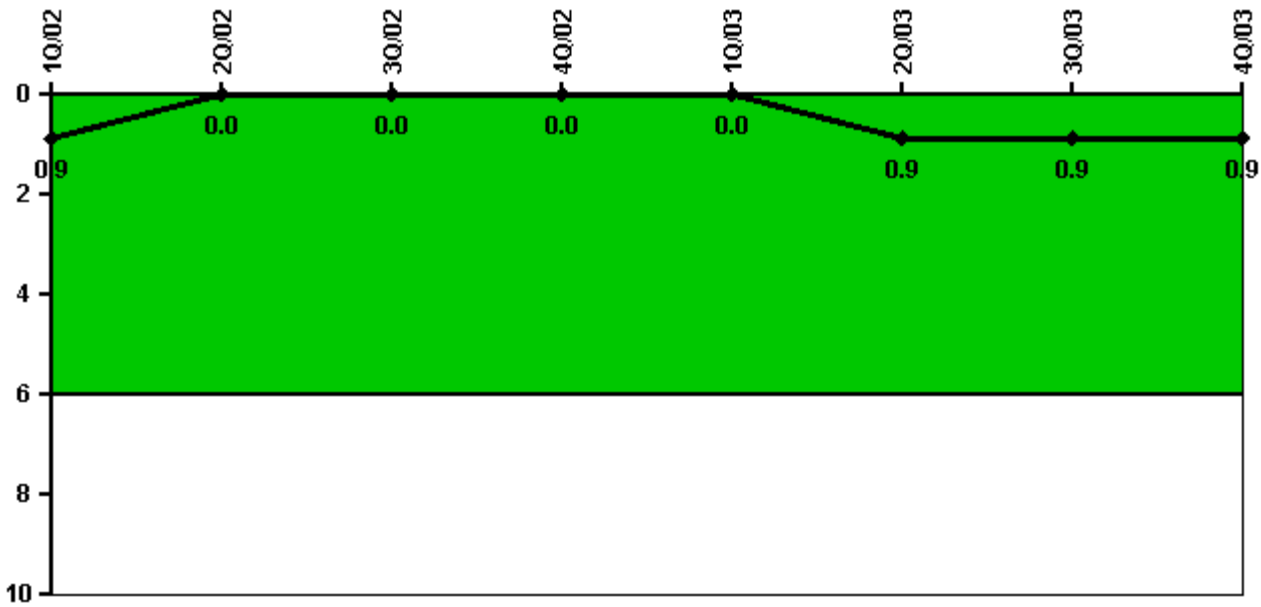
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



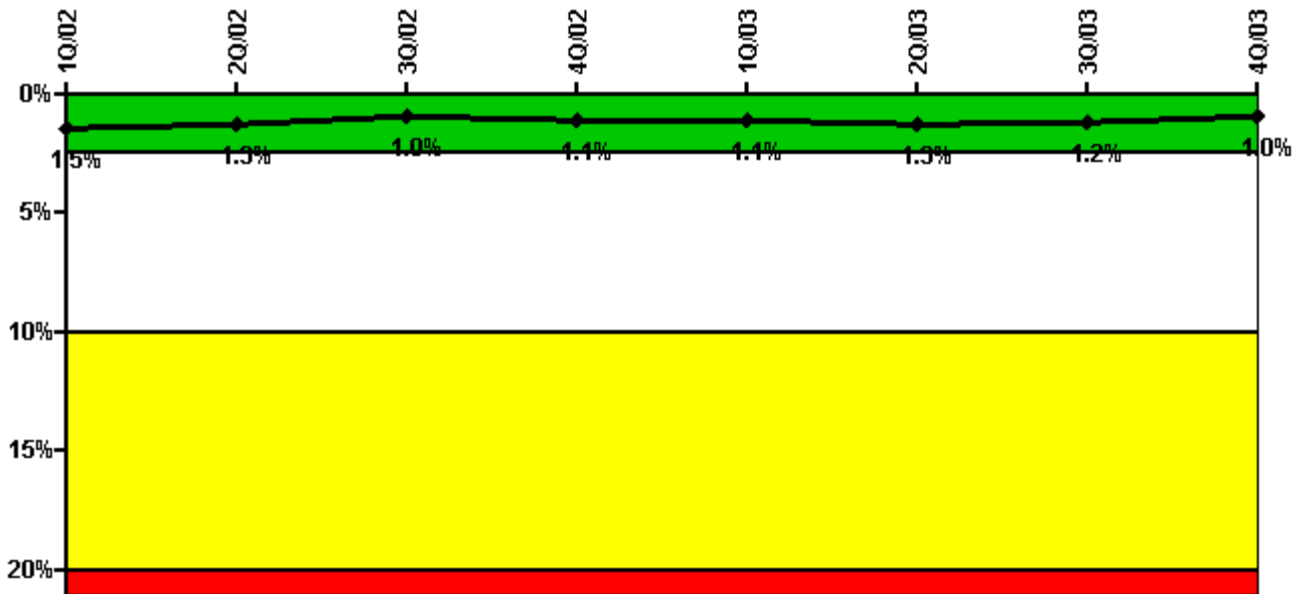
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Unplanned power changes	0	0	0	0	0	1.0	0	0
Critical hours	2160.0	2152.1	2208.0	2158.9	2089.1	1468.7	2208.0	2209.0
Indicator value	0.9	0	0	0	0	0.9	0.9	0.9

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



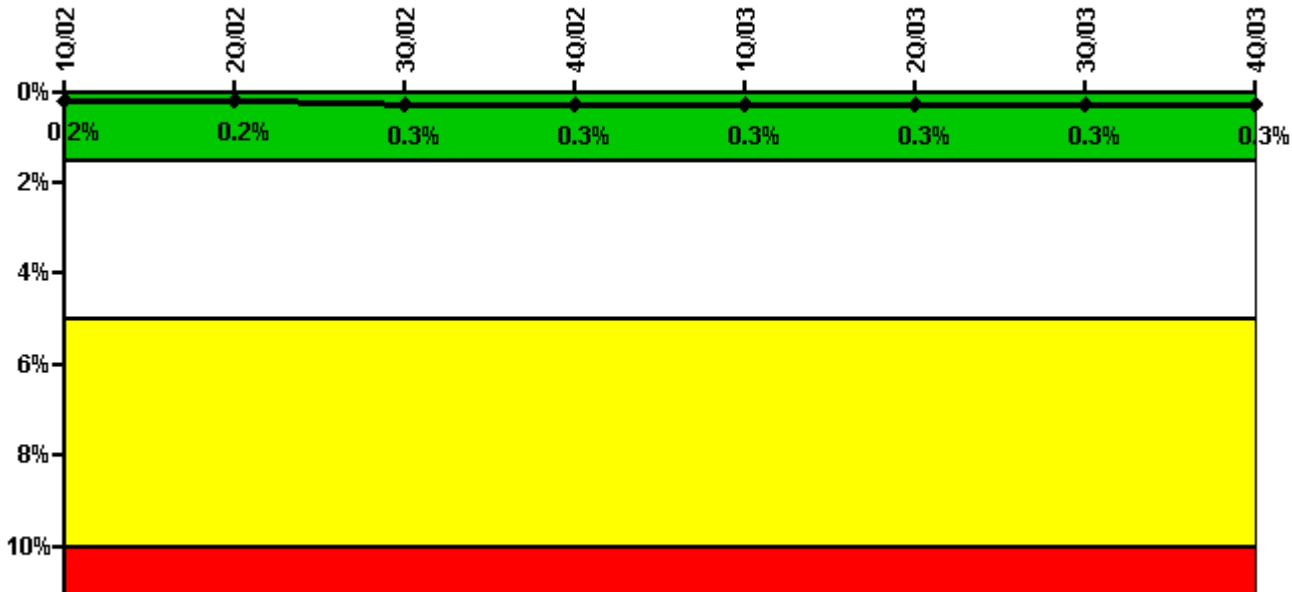
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Train 1								
Planned unavailable hours	0.50	14.50	10.50	7.70	0.97	125.40	26.10	29.70
Unplanned unavailable hours	0	0	0	101.90	0	1.40	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	1.10	6.00	13.80	0.60	33.00	0.30	30.20	0
Unplanned unavailable hours	0	1.60	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 3								
Planned unavailable hours	13.70	4.70	7.80	1.20	0.25	7.40	10.20	3.90
Unplanned unavailable hours	0	5.10	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Indicator value	1.5%	1.3%	1.0%	1.1%	1.1%	1.3%	1.2%	1.0%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



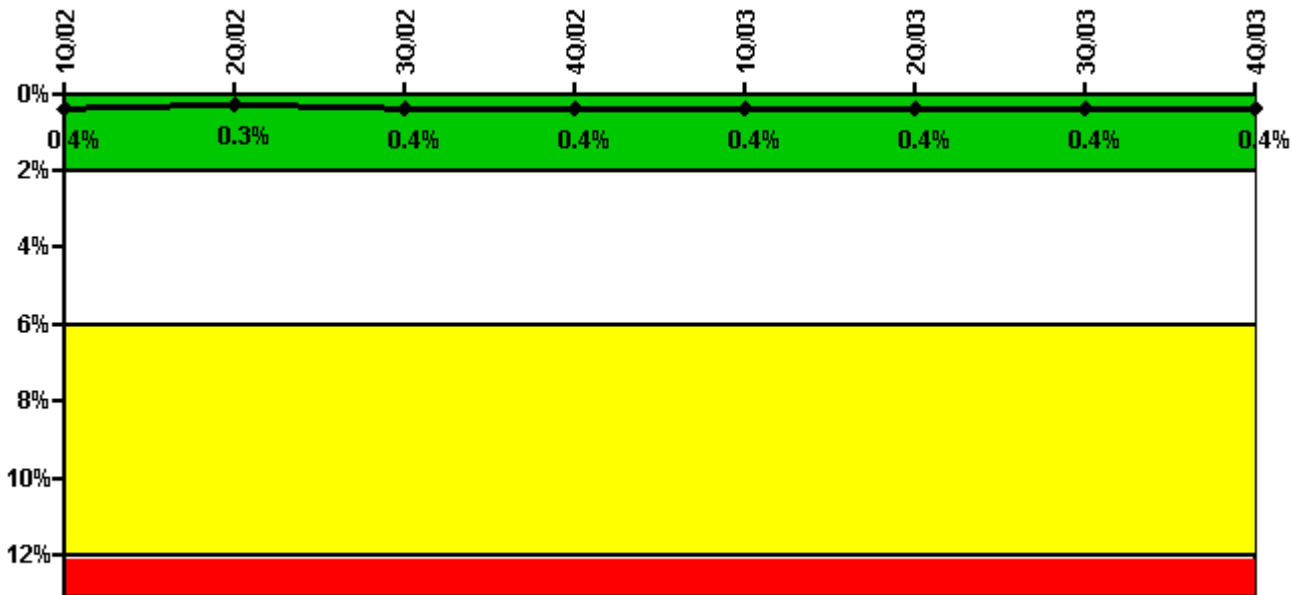
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Train 1								
Planned unavailable hours	5.50	3.00	3.50	5.20	2.50	2.00	4.20	3.70
Unplanned unavailable hours	0	0	22.10	0	0	0	3.80	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2152.05	2208.00	2158.90	2089.10	1468.73	2208.00	2209.00
Train 2								
Planned unavailable hours	7.20	6.40	3.90	2.60	5.90	2.30	6.00	4.40
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	2152.05	2208.00	2158.90	2089.10	1468.73	2208.00	2209.00
Indicator value	0.2%	0.2%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



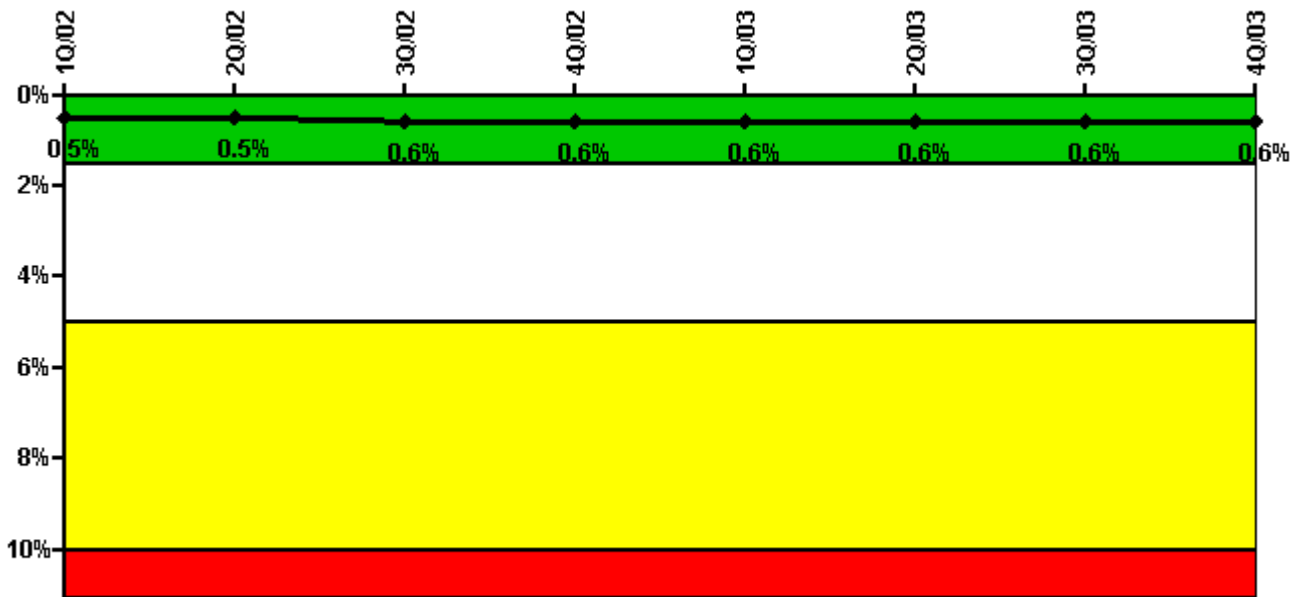
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Train 1								
Planned unavailable hours	5.50	3.00	5.20	5.20	3.50	2.70	9.90	5.10
Unplanned unavailable hours	0	0	22.10	0	0	0	3.80	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2152.05	2208.00	2158.90	2089.10	1468.73	2208.00	2209.00
Train 2								
Planned unavailable hours	7.20	6.40	4.60	3.10	8.33	2.30	7.90	4.40
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	2152.05	2208.00	2158.90	2089.10	1468.73	2208.00	2209.00
Train 3								
Planned unavailable hours	0.90	0.60	9.90	0.30	2.16	40.00	3.40	7.10
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	2152.05	2208.00	2158.90	2089.10	1468.73	2208.00	2209.00
Indicator value	0.4%	0.3%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



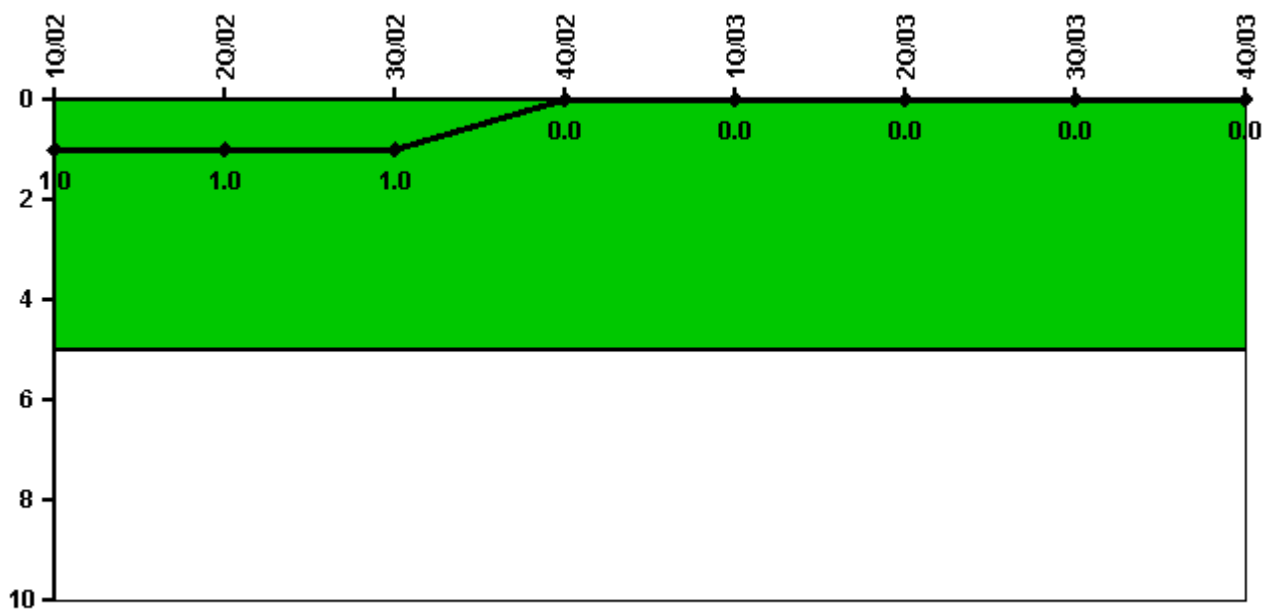
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Train 1								
Planned unavailable hours	6.00	10.60	4.00	19.80	14.70	7.90	11.00	4.50
Unplanned unavailable hours	0	0	22.10	0	13.30	0	3.80	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	18.70	7.20	18.20	11.40	6.90	15.90	8.00	12.00
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	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Indicator value	0.5%	0.5%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%

Licensee Comments: none

Safety System Functional Failures (PWR)



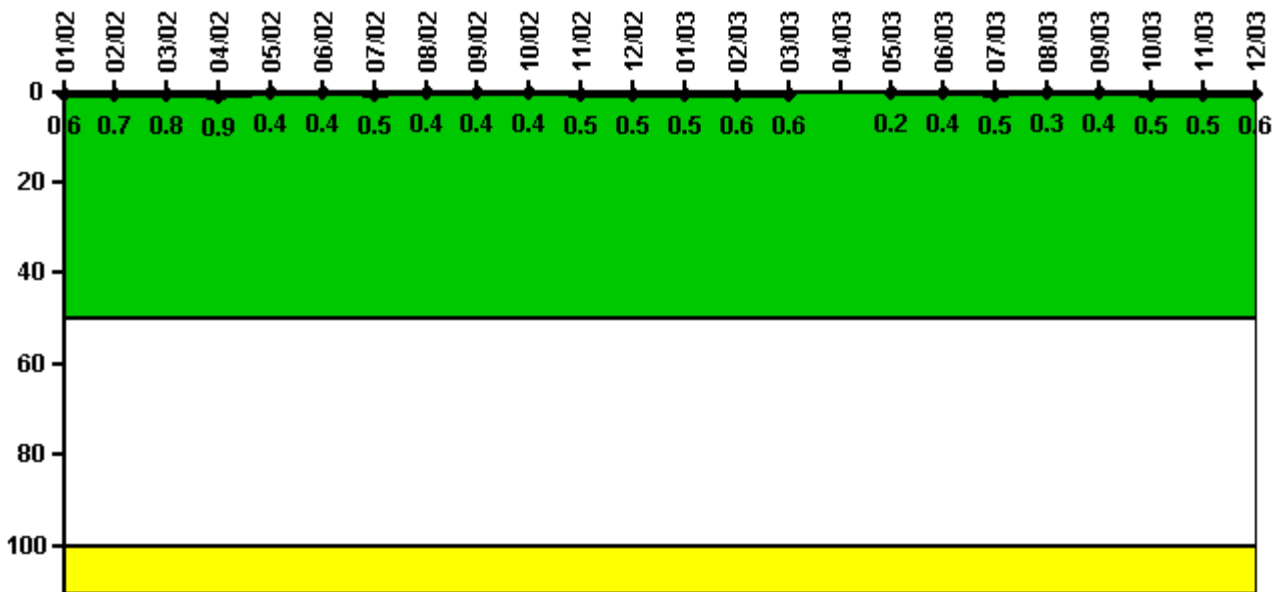
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

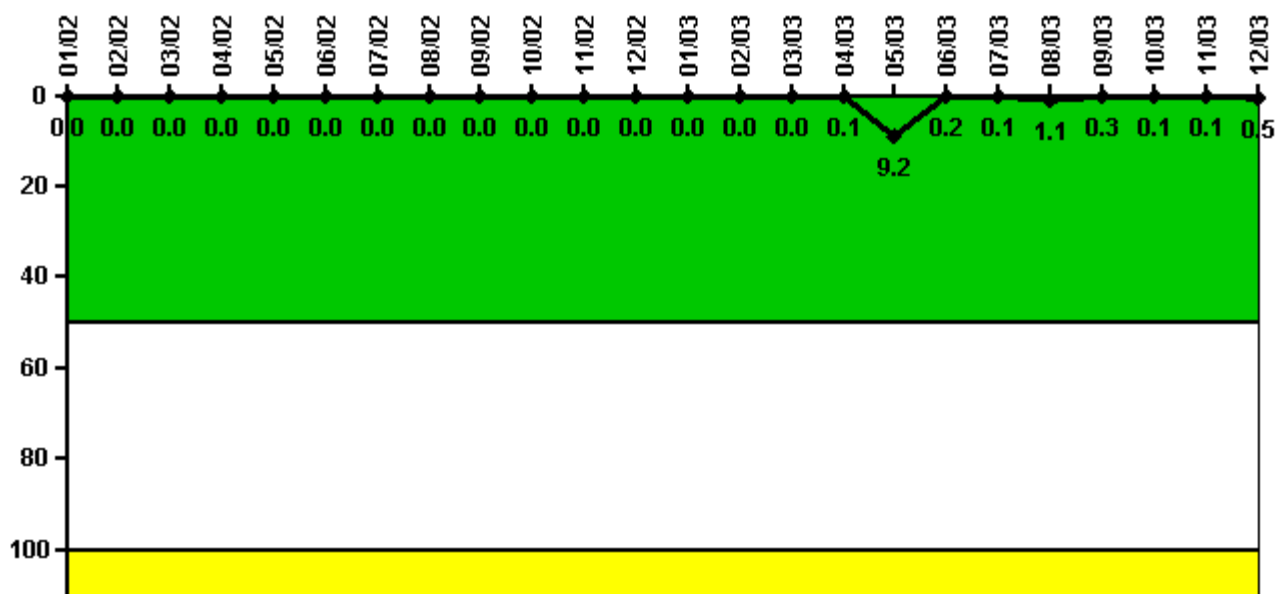
Notes

Reactor Coolant System Activity	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02
Maximum activity	0.003025	0.003698	0.003825	0.004250	0.002002	0.002161	0.002280	0.002197	0.002156	0.002145	0.002302	0.002536
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.6	0.7	0.8	0.9	0.4	0.4	0.5	0.4	0.4	0.4	0.5	0.5

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	0.002593	0.002833	0.002807	N/A	0.001185	0.002150	0.002310	0.001570	0.002002	0.002449	0.002735	0.002806
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.5	0.6	0.6	N/A	0.2	0.4	0.5	0.3	0.4	0.5	0.5	0.6

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

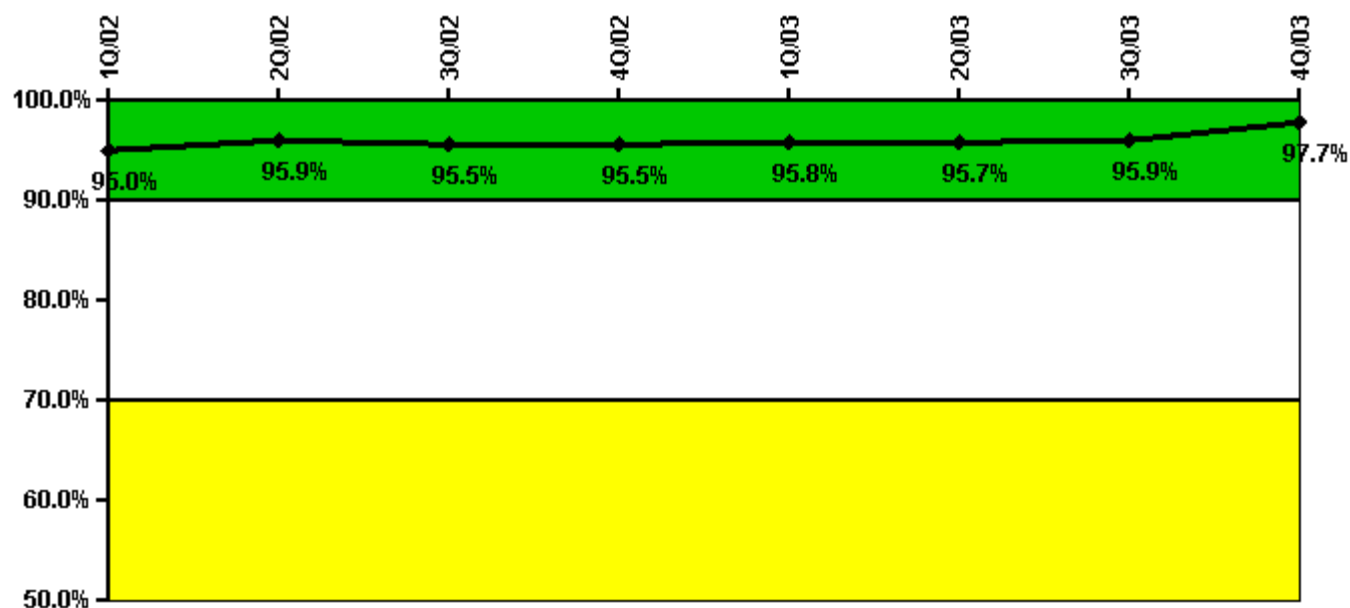
Notes

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	0	0	0	0	0	0	0	0	0	0	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Reactor Coolant System Leakage	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03
Maximum leakage	0	0	0	0.008	0.917	0.015	0.010	0.109	0.027	0.009	0.009	0.053
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0	0	0.1	9.2	0.2	0.1	1.1	0.3	0.1	0.1	0.5

Licensee Comments: none

Drill/Exercise Performance



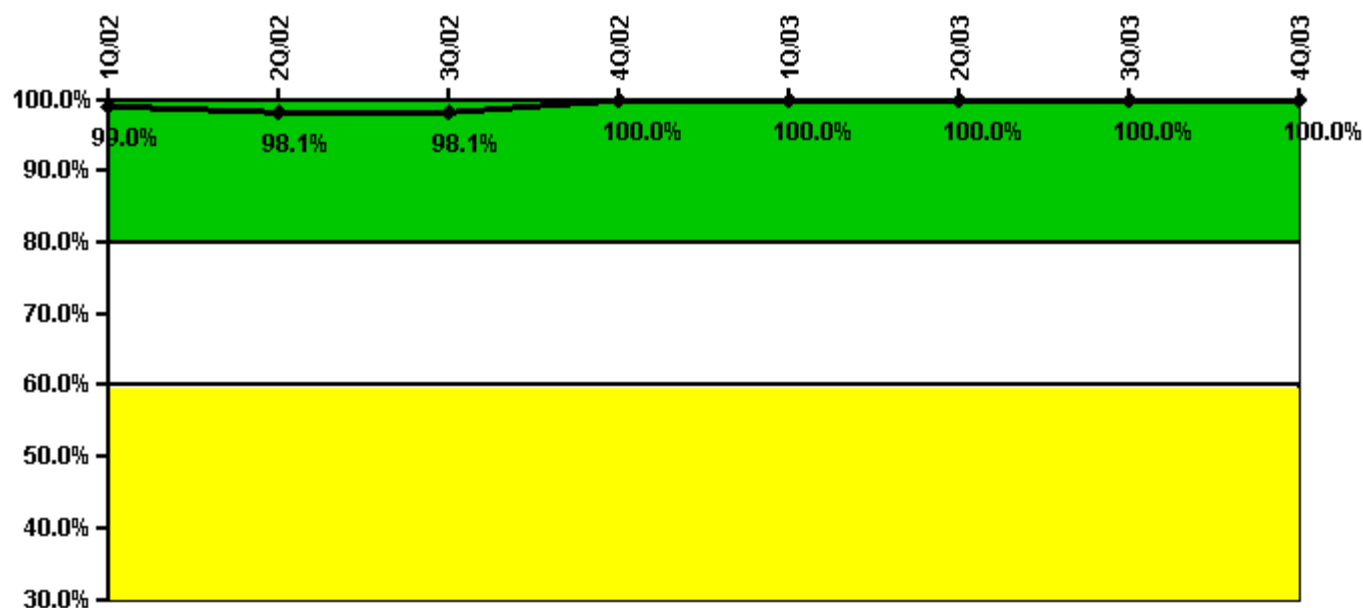
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Successful opportunities	6.0	79.0	56.0	8.0	8.0	8.0	33.0	102.0
Total opportunities	6.0	82.0	58.0	8.0	8.0	8.0	34.0	103.0
Indicator value	95.0%	95.9%	95.5%	95.5%	95.8%	95.7%	95.9%	97.7%

Licensee Comments: none

ERO Drill Participation



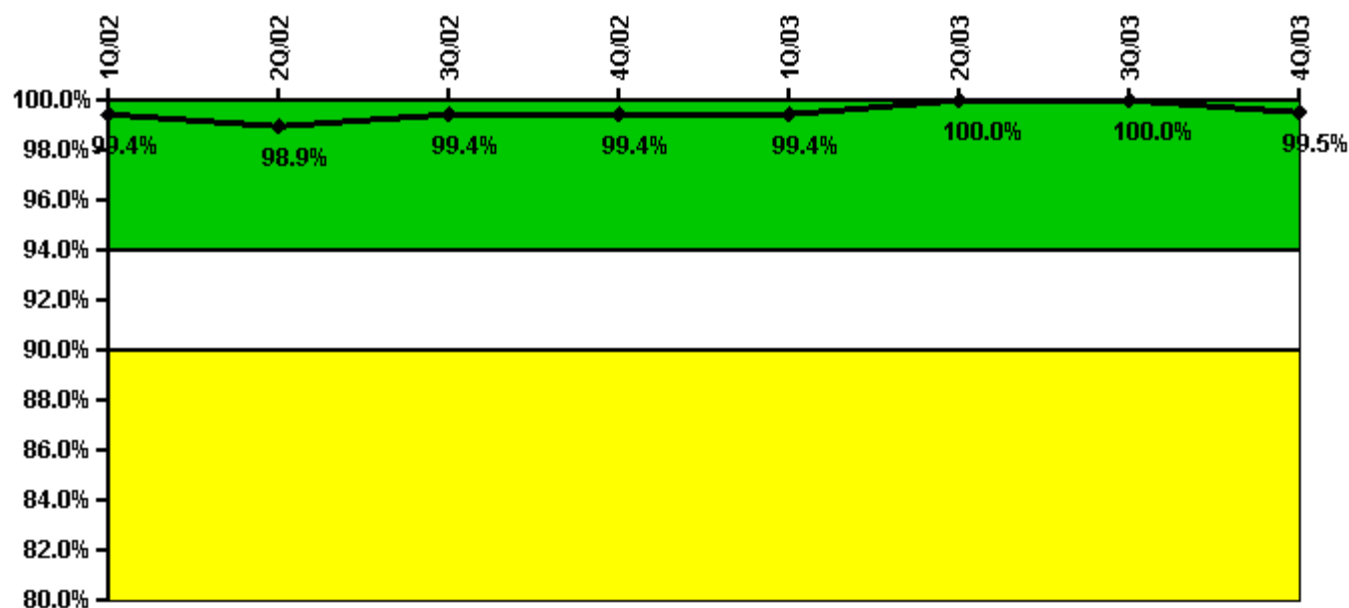
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Participating Key personnel	102.0	106.0	101.0	104.0	102.0	101.0	100.0	108.0
Total Key personnel	103.0	108.0	103.0	104.0	102.0	101.0	100.0	108.0
Indicator value	99.0%	98.1%	98.1%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



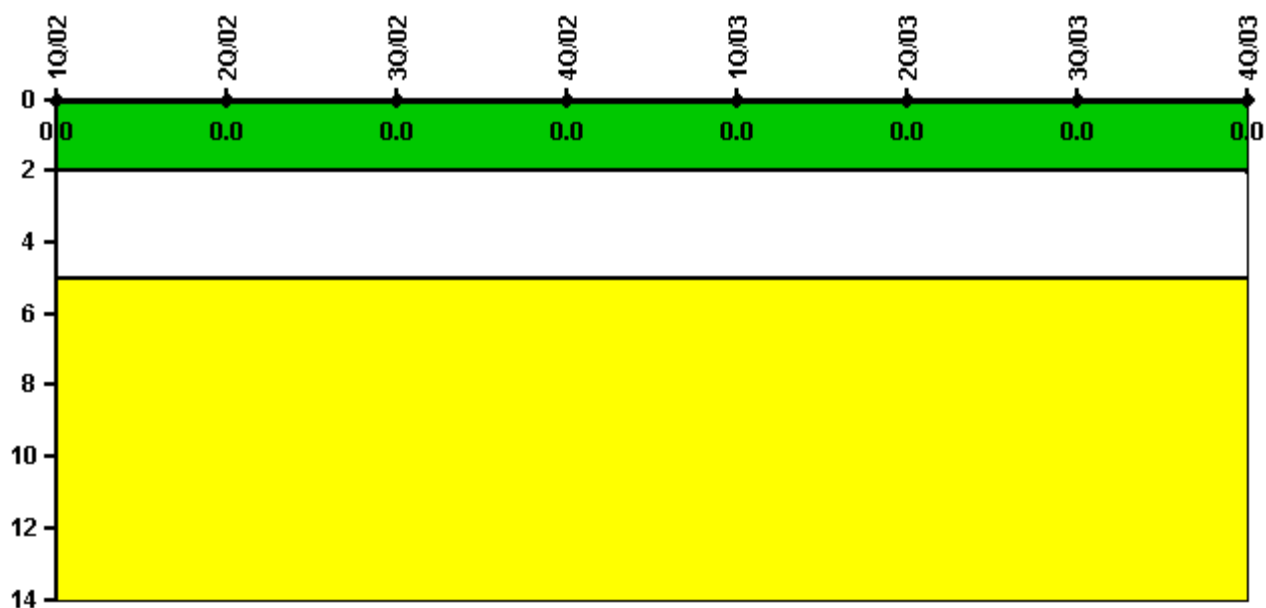
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Successful siren-tests	42	44	45	42	48	45	45	47
Total sirens-tests	42	45	45	42	48	45	45	48
Indicator value	99.4%	98.9%	99.4%	99.4%	99.4%	100.0%	100.0%	99.5%

Licensee Comments: none

Occupational Exposure Control Effectiveness

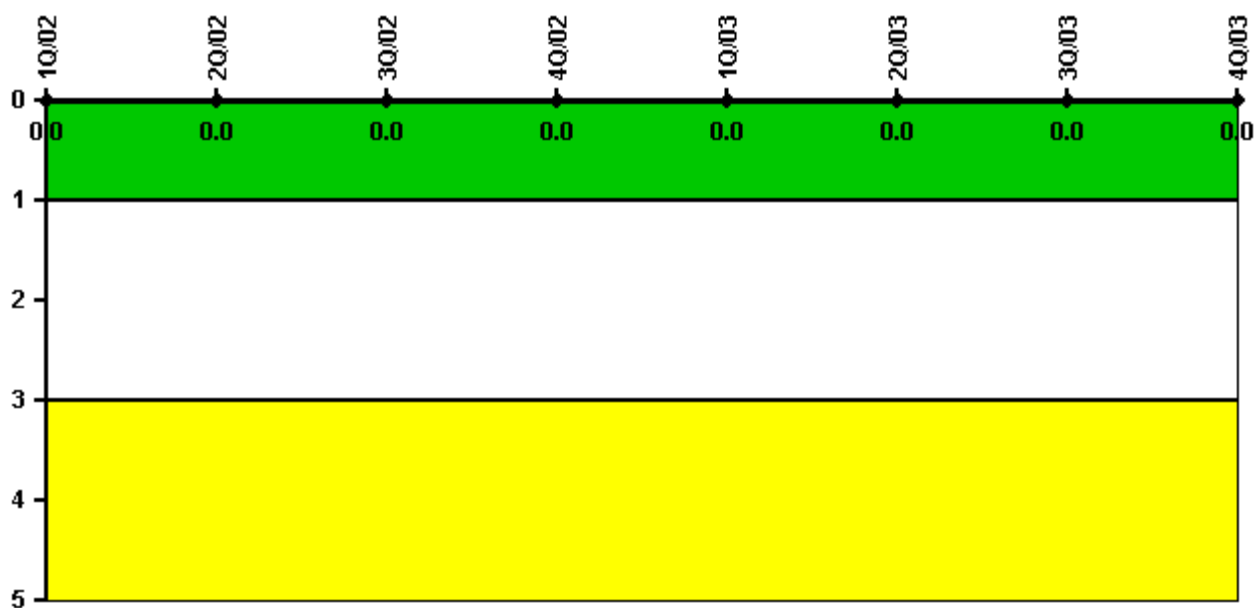


Thresholds: White > 2.0 Yellow > 5.0

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

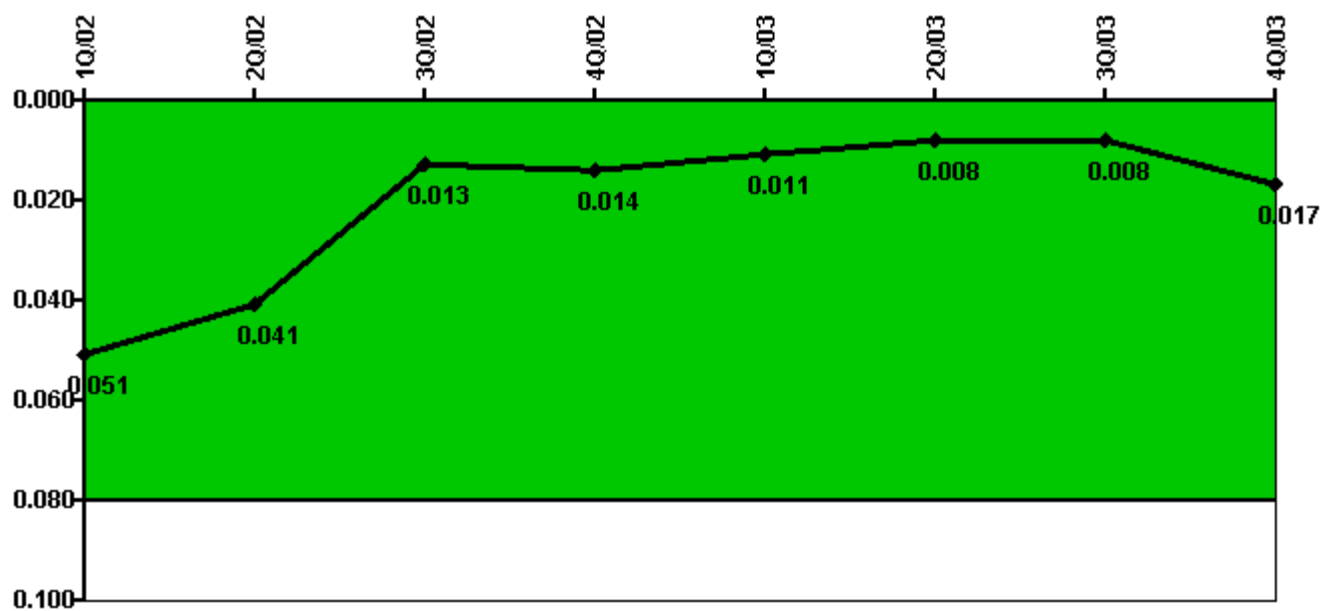
Thresholds: White > 1.0 Yellow > 3.0

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



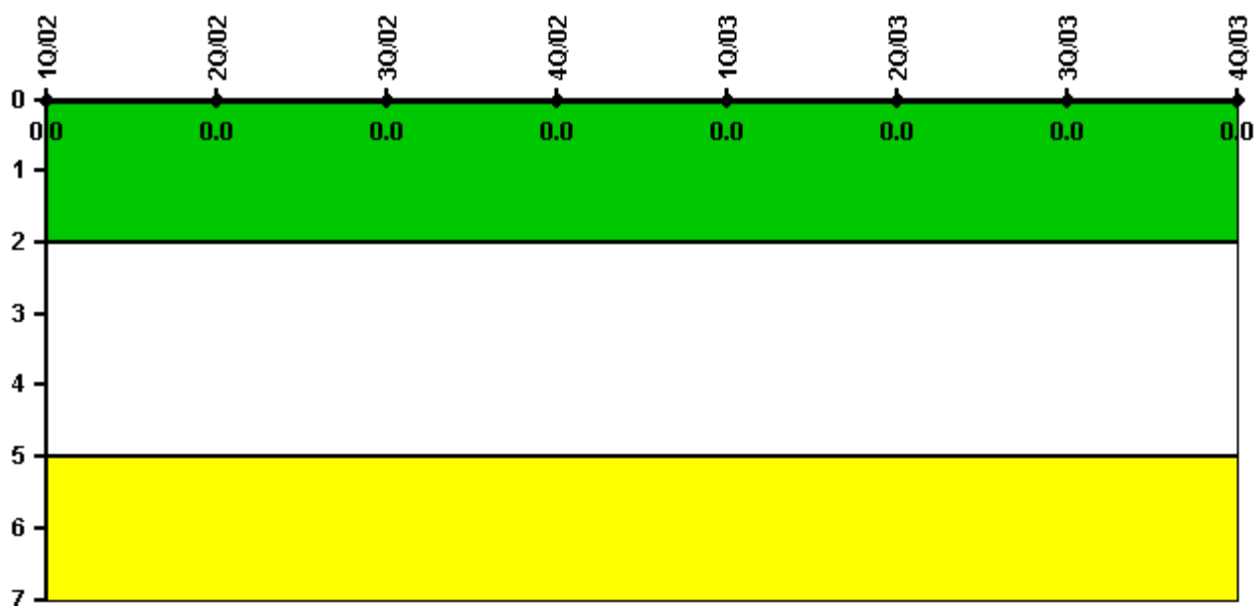
Thresholds: White > 0.080

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	82.60	104.00	27.90	110.90	15.60	73.13	21.04	131.40
CCTV compensatory hours	18.9	29.8	12.0	0.1	1.9	0	0	149.7
IDS normalization factor	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.051	0.041	0.013	0.014	0.011	0.008	0.008	0.017

Licensee Comments: none

Personnel Screening Program



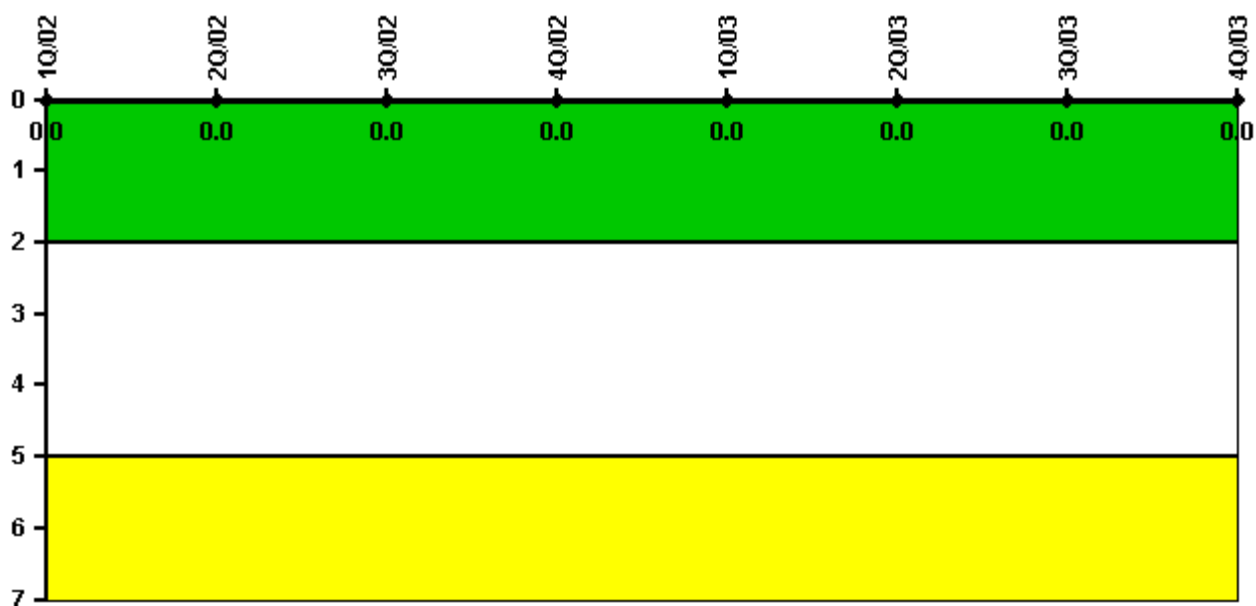
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

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

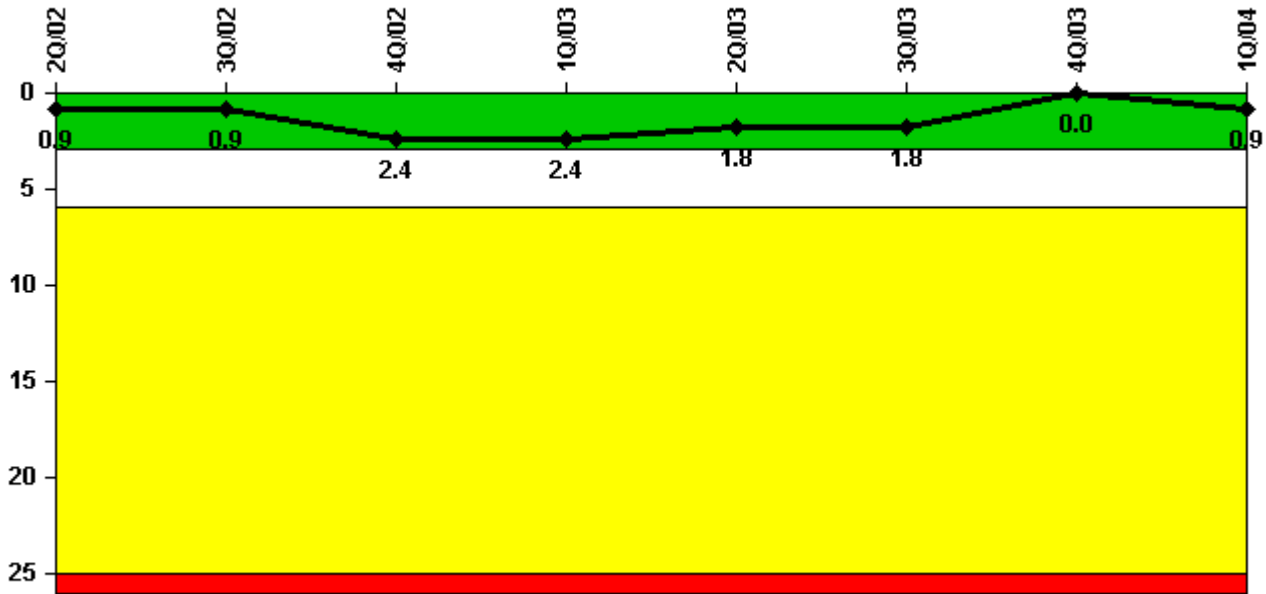
Last Modified: January 23, 2004

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1Q/2004 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



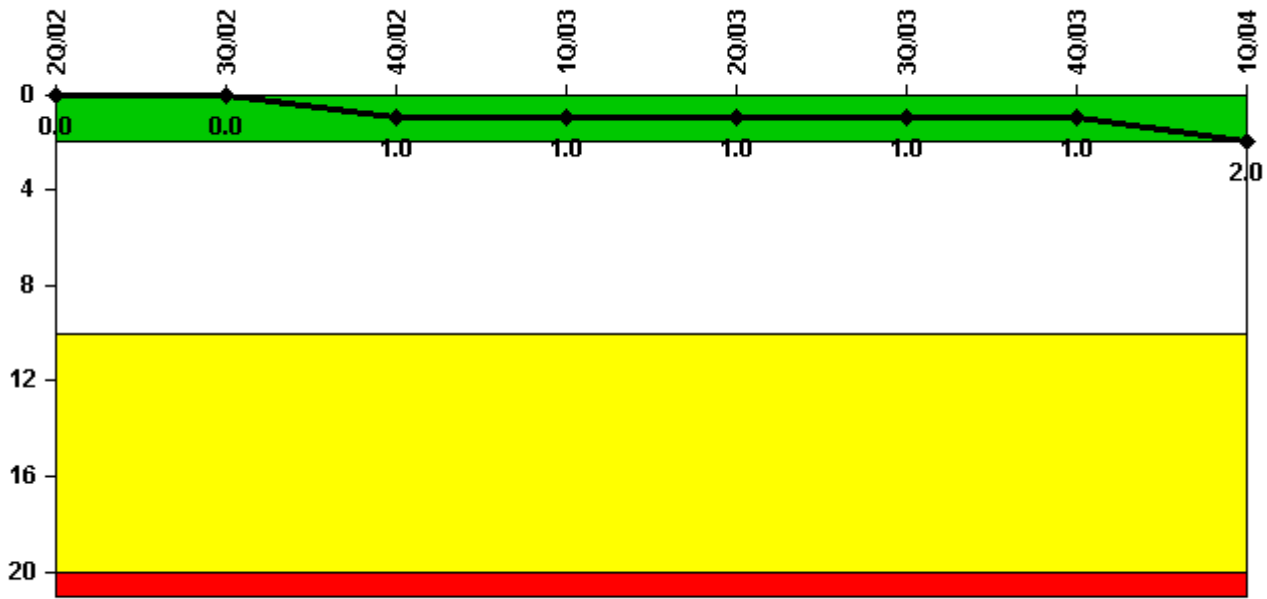
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	2.0	0	0	0	0	1.0
Critical hours	2152.1	2208.0	2158.9	2089.1	1468.7	2208.0	2209.0	2159.4
Indicator value	0.9	0.9	2.4	2.4	1.8	1.8	0	0.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



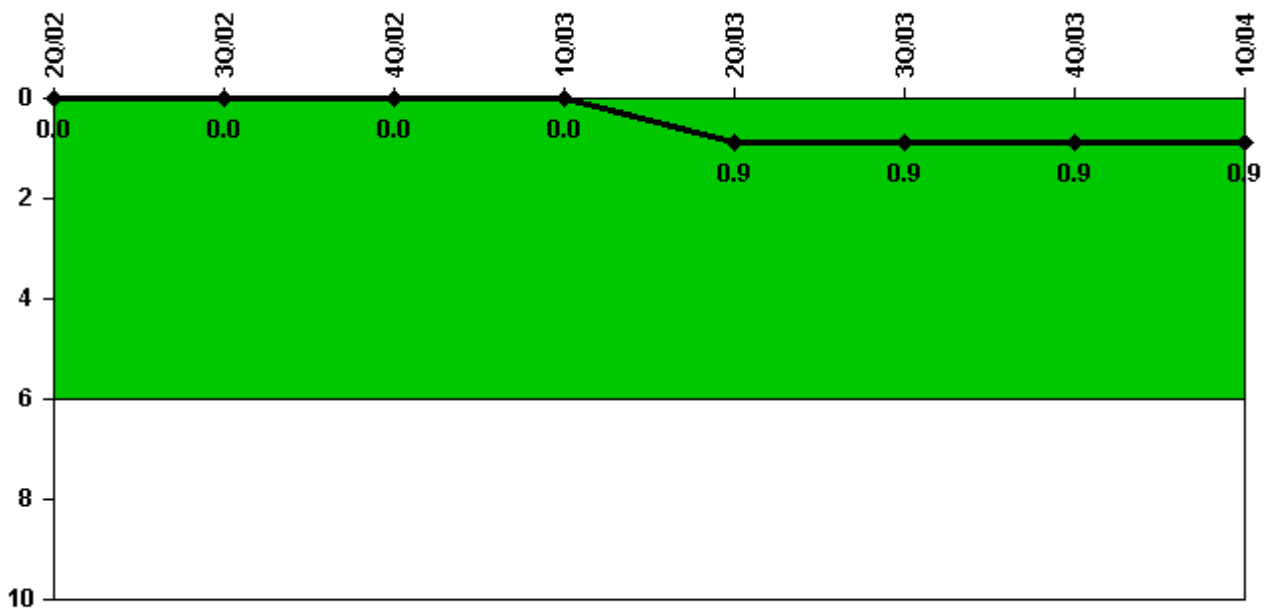
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Scrams	0	0	1.0	0	0	0	0	1.0
Indicator value	0	0	1.0	1.0	1.0	1.0	1.0	2.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



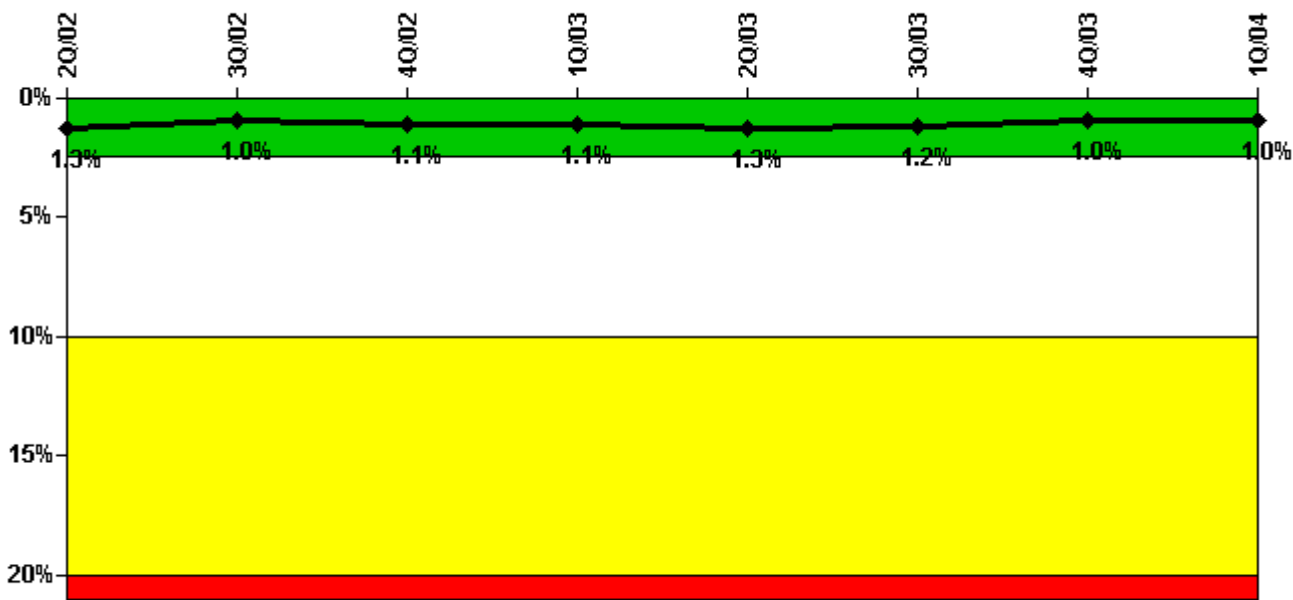
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Unplanned power changes	0	0	0	0	1.0	0	0	0
Critical hours	2152.1	2208.0	2158.9	2089.1	1468.7	2208.0	2209.0	2159.4
Indicator value	0	0	0	0	0.9	0.9	0.9	0.9

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



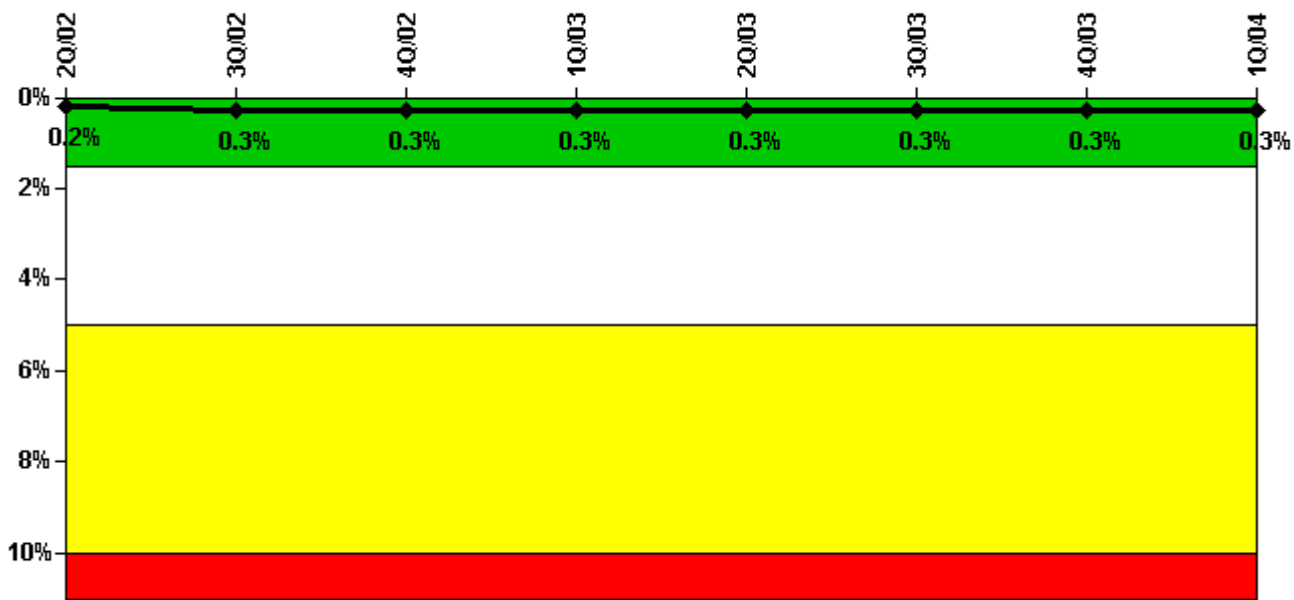
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	14.50	10.50	7.70	0.97	125.40	26.10	29.70	0
Unplanned unavailable hours	0	0	101.90	0	1.40	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00
Train 2								
Planned unavailable hours	6.00	13.80	0.60	33.00	0.30	30.20	0	97.50
Unplanned unavailable hours	1.60	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00
Train 3								
Planned unavailable hours	4.70	7.80	1.20	0.25	7.40	10.20	3.90	99.10
Unplanned unavailable hours	5.10	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00
Indicator value	1.3%	1.0%	1.1%	1.1%	1.3%	1.2%	1.0%	1.0%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



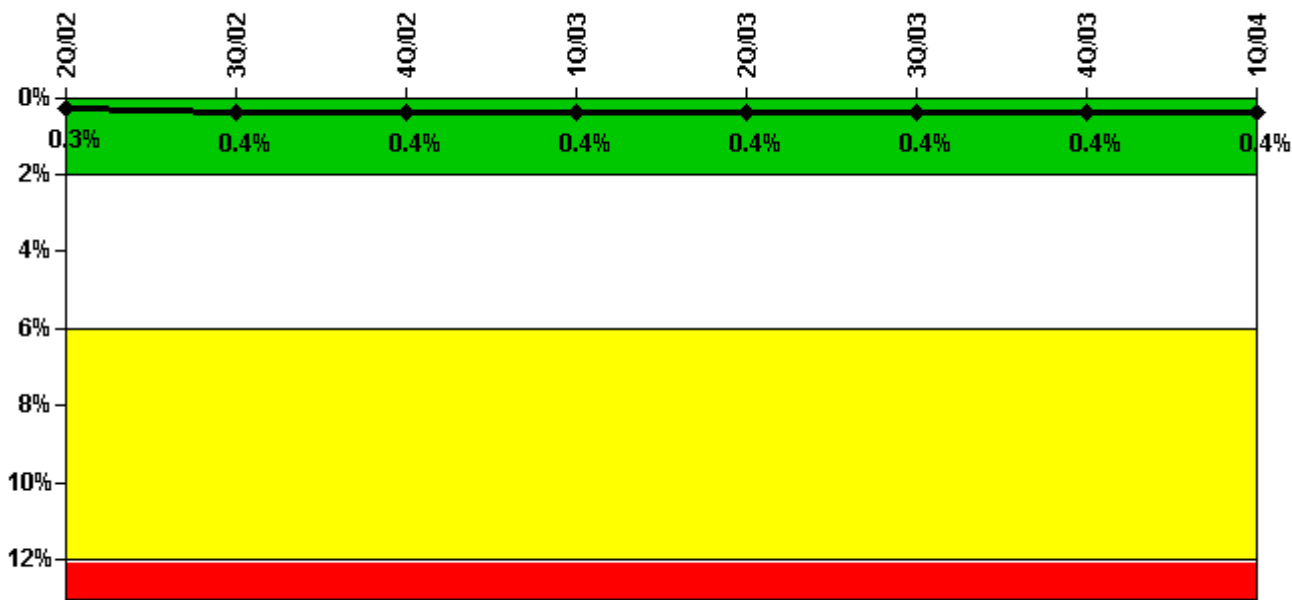
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	3.00	3.50	5.20	2.50	2.00	4.20	3.70	5.10
Unplanned unavailable hours	0	22.10	0	0	0	3.80	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2152.05	2208.00	2158.90	2089.10	1468.73	2208.00	2209.00	2159.37
Train 2								
Planned unavailable hours	6.40	3.90	2.60	5.90	2.30	6.00	4.40	3.60
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2152.05	2208.00	2158.90	2089.10	1468.73	2208.00	2209.00	2159.37
Indicator value	0.2%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



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

Notes

Safety System Unavailability, Heat Removal System (AFW)	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	3.00	5.20	5.20	3.50	2.70	9.90	5.10	10.00
Unplanned unavailable hours	0	22.10	0	0	0	3.80	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2152.05	2208.00	2158.90	2089.10	1468.73	2208.00	2209.00	2159.37
Train 2								
Planned unavailable hours	6.40	4.60	3.10	8.33	2.30	7.90	4.40	5.80
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	2152.05	2208.00	2158.90	2089.10	1468.73	2208.00	2209.00	2159.37
Train 3								
Planned unavailable hours	0.60	9.90	0.30	2.16	40.00	3.40	7.10	27.50
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	2152.05	2208.00	2158.90	2089.10	1468.73	2208.00	2209.00	2159.37
Indicator value	0.3%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



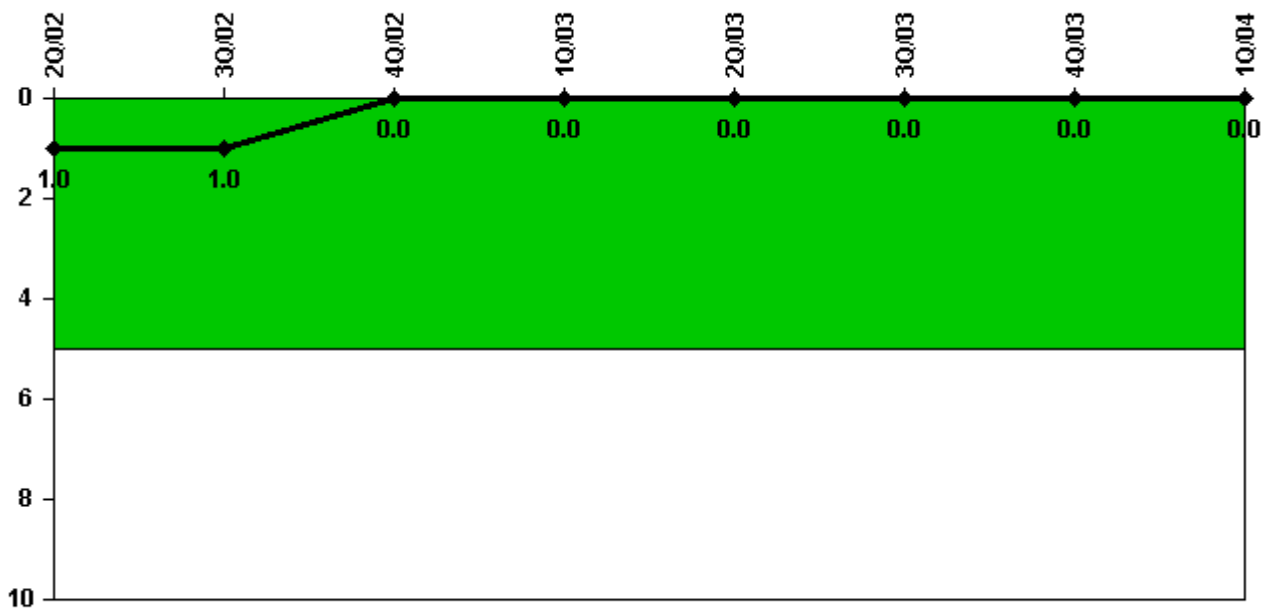
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	10.60	4.00	19.80	14.70	7.90	11.00	4.50	20.60
Unplanned unavailable hours	0	22.10	0	13.30	0	3.80	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00
Train 2								
Planned unavailable hours	7.20	18.20	11.40	6.90	15.90	8.00	12.00	4.60
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00
Indicator value	0.5%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%

Licensee Comments: none

Safety System Functional Failures (PWR)



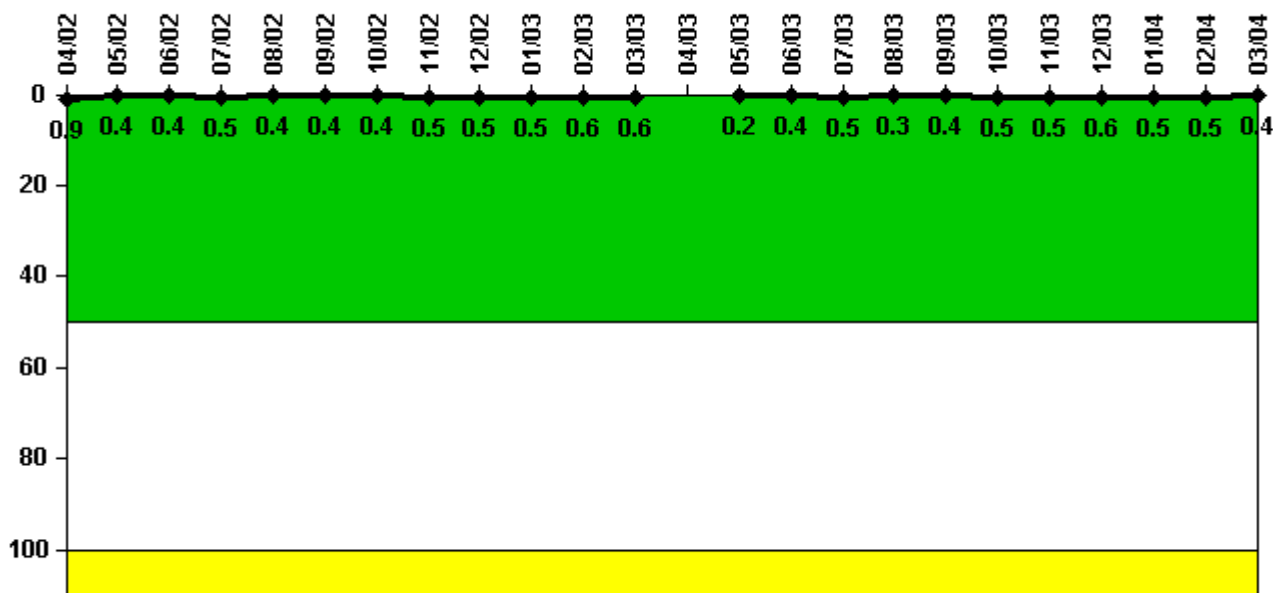
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

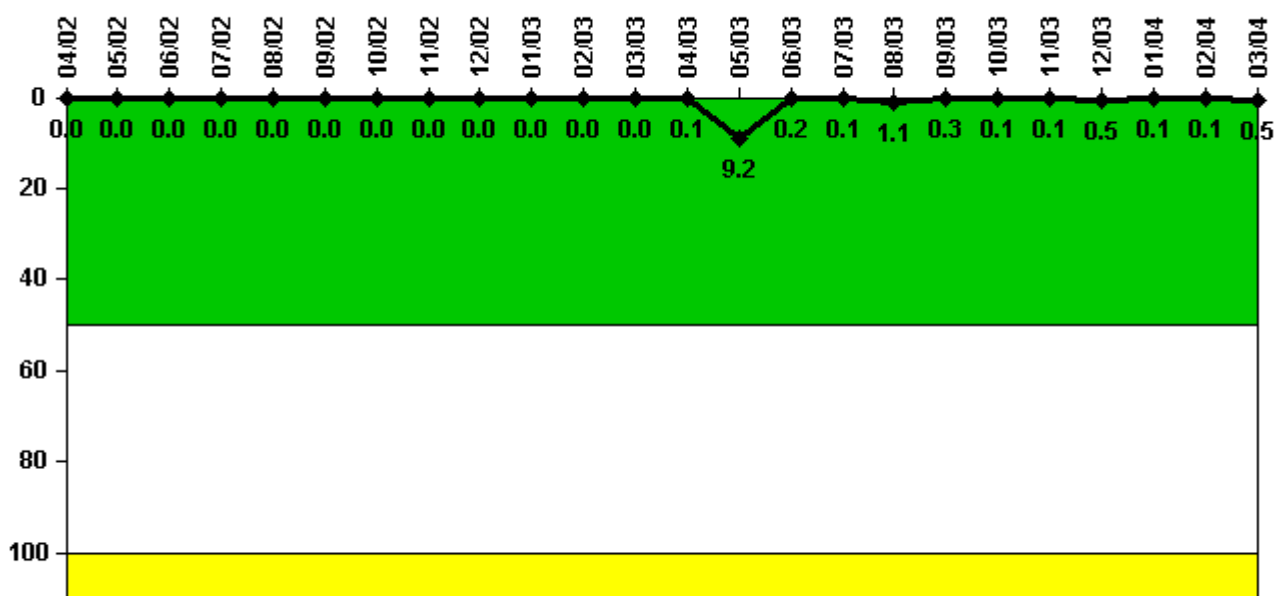
Notes

Reactor Coolant System Activity	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03
Maximum activity	0.004250	0.002002	0.002161	0.002280	0.002197	0.002156	0.002145	0.002302	0.002536	0.002593	0.002833	0.002807
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.9	0.4	0.4	0.5	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.6

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	N/A	0.001185	0.002150	0.002310	0.001570	0.002002	0.002449	0.002735	0.002806	0.002376	0.002283	0.002167
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	N/A	0.2	0.4	0.5	0.3	0.4	0.5	0.5	0.6	0.5	0.5	0.4

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

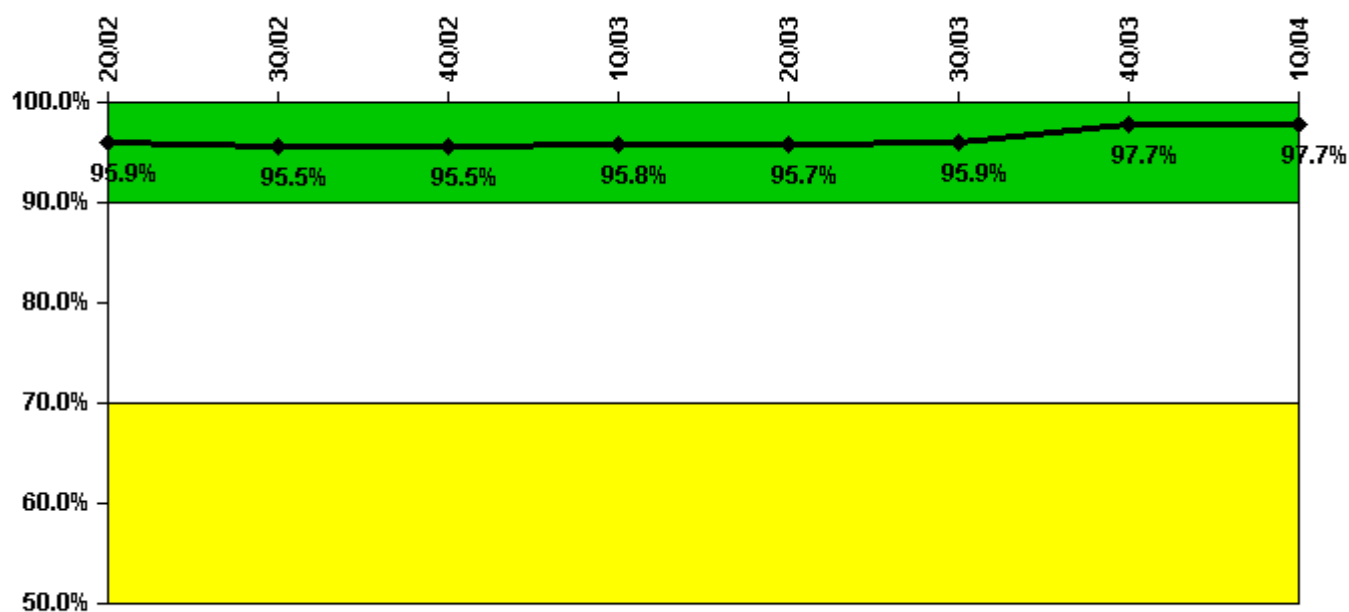
Notes

Reactor Coolant System Leakage	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03
Maximum leakage	0	0	0	0	0	0	0	0	0	0	0	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

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	0.008	0.917	0.015	0.010	0.109	0.027	0.009	0.009	0.053	0.009	0.009	0.048
Technical specification limit	10.0	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	9.2	0.2	0.1	1.1	0.3	0.1	0.1	0.5	0.1	0.1	0.5

Licensee Comments: none

Drill/Exercise Performance



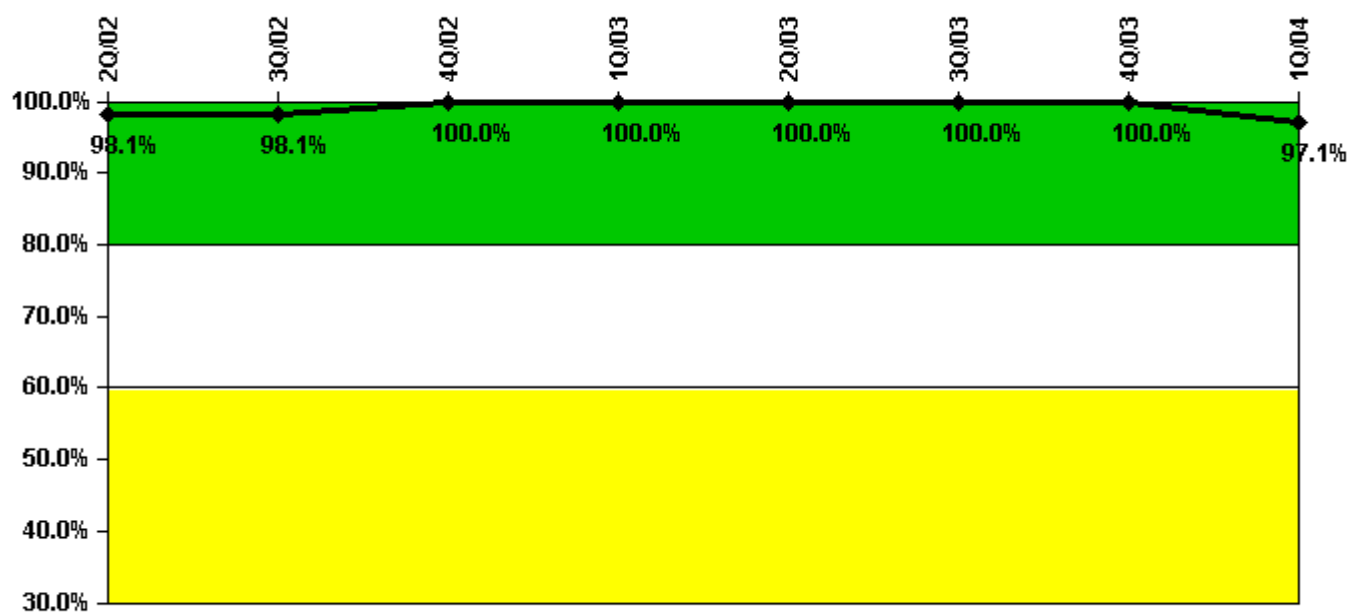
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Successful opportunities	79.0	56.0	8.0	8.0	8.0	33.0	102.0	0
Total opportunities	82.0	58.0	8.0	8.0	8.0	34.0	103.0	0
Indicator value	95.9%	95.5%	95.5%	95.8%	95.7%	95.9%	97.7%	97.7%

Licensee Comments: none

ERO Drill Participation



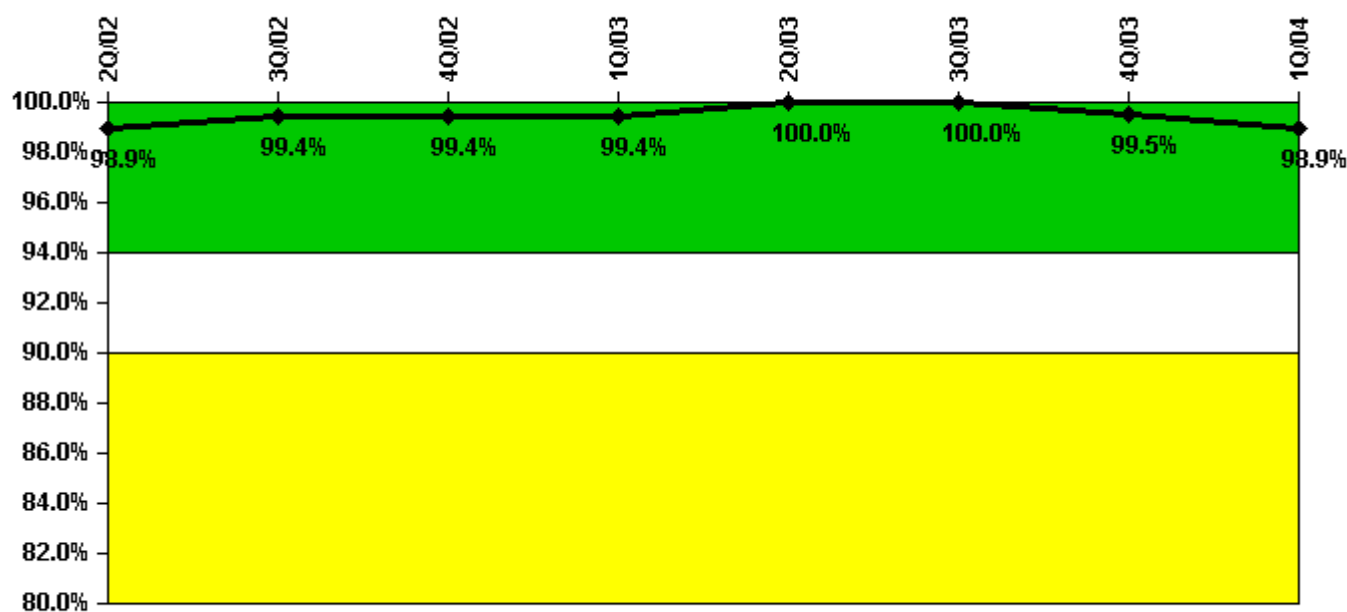
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Participating Key personnel	106.0	101.0	104.0	102.0	101.0	100.0	108.0	100.0
Total Key personnel	108.0	103.0	104.0	102.0	101.0	100.0	108.0	103.0
Indicator value	98.1%	98.1%	100.0%	100.0%	100.0%	100.0%	100.0%	97.1%

Licensee Comments: none

Alert & Notification System



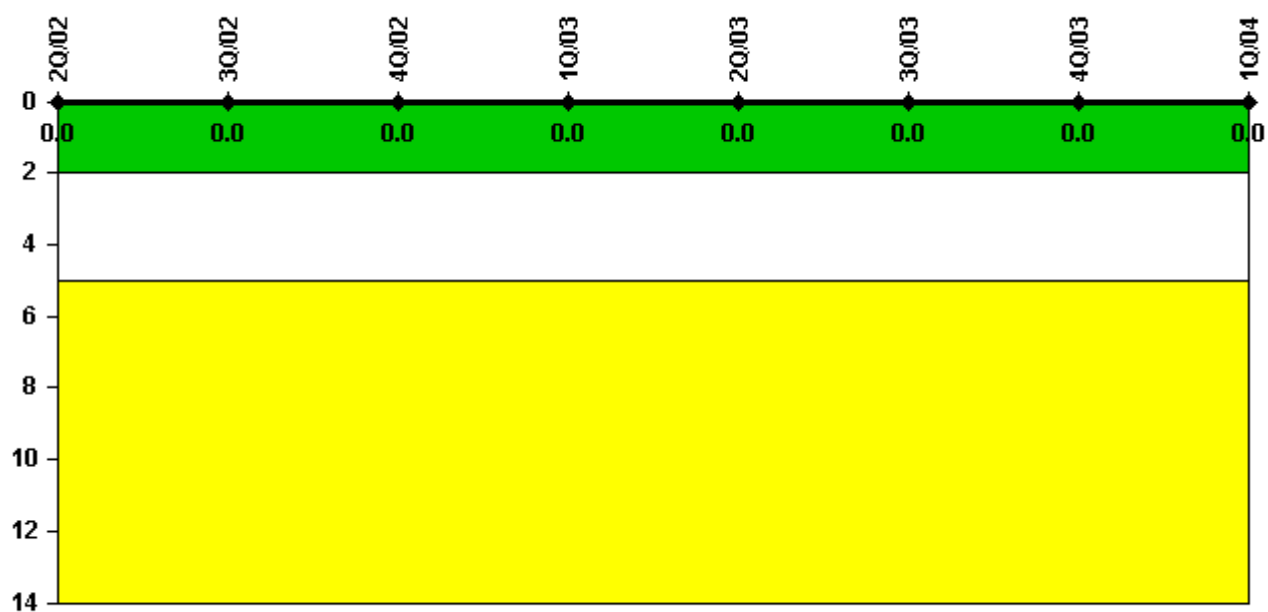
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Successful siren-tests	44	45	42	48	45	45	47	47
Total sirens-tests	45	45	42	48	45	45	48	48
Indicator value	98.9%	99.4%	99.4%	99.4%	100.0%	100.0%	99.5%	98.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness

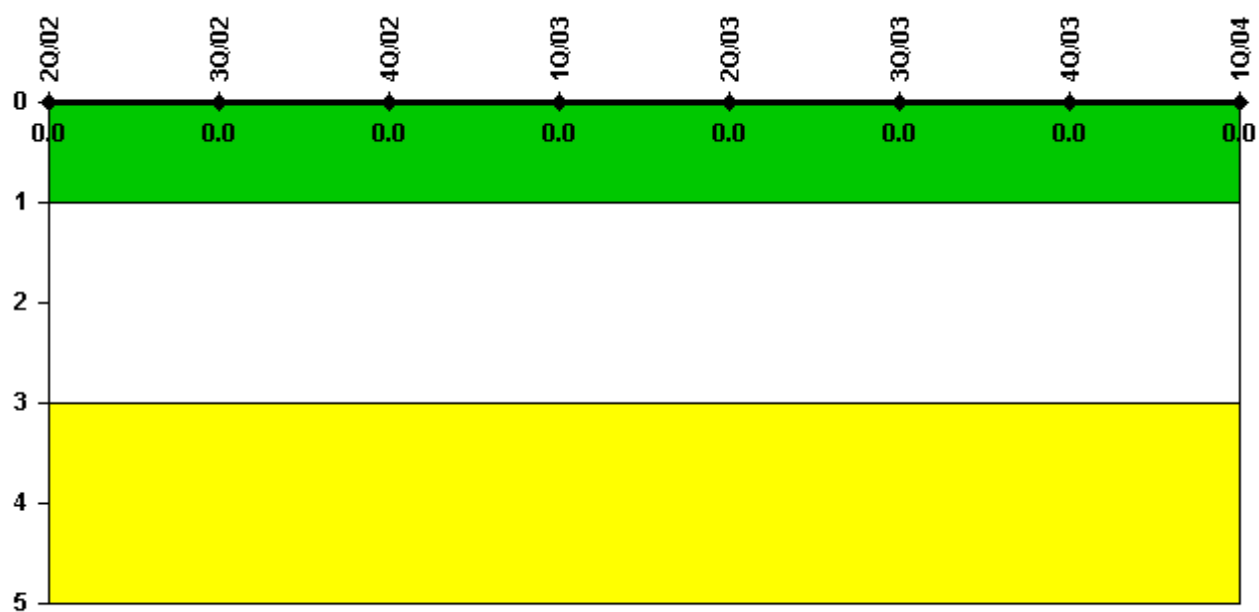


Thresholds: White > 2.0 Yellow > 5.0

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

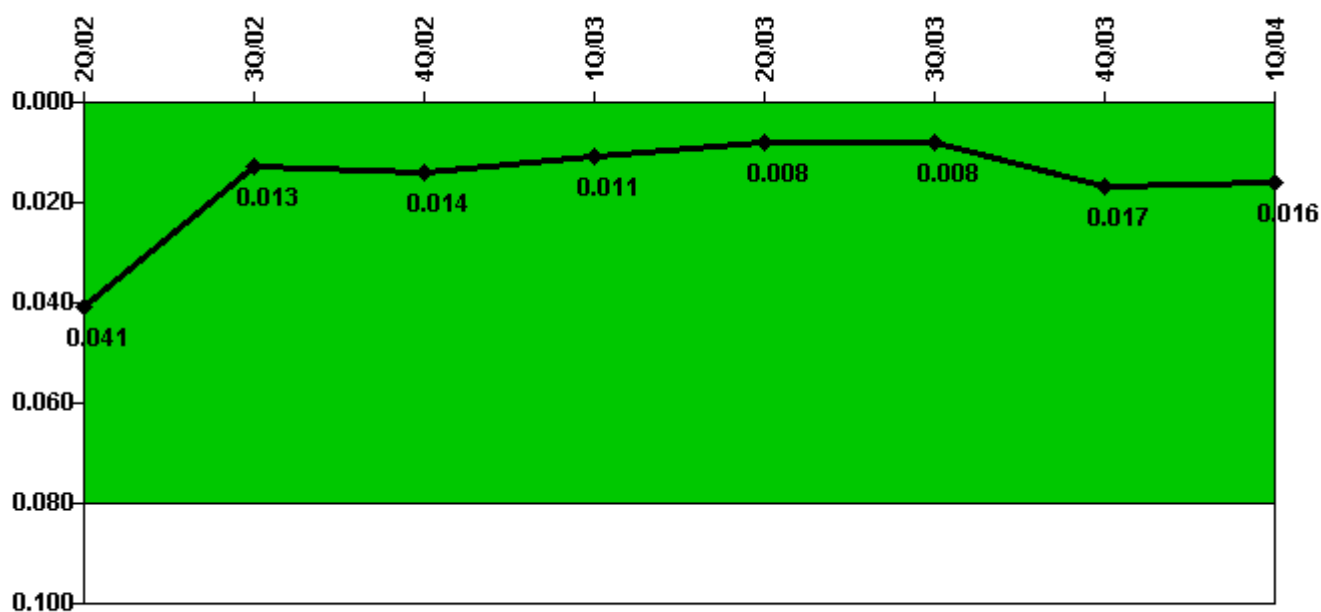
Thresholds: White > 1.0 Yellow > 3.0

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



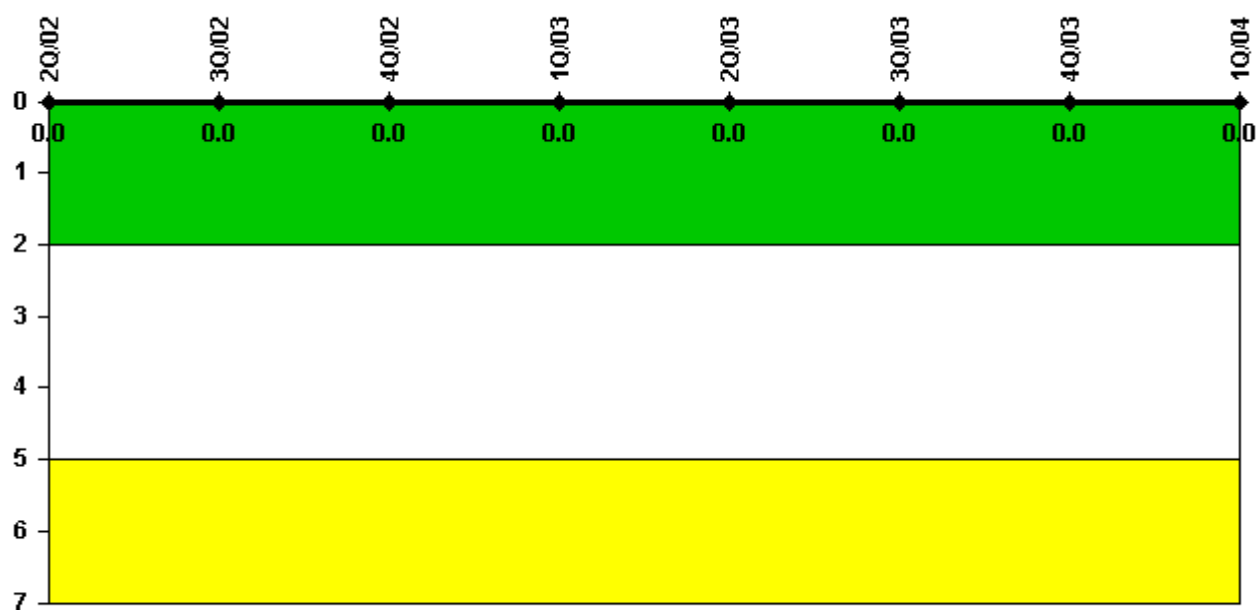
Thresholds: White > 0.080

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	104.00	27.90	110.90	15.60	73.13	21.04	131.40	7.60
CCTV compensatory hours	29.8	12.0	0.1	1.9	0	0	149.7	0
IDS normalization factor	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.041	0.013	0.014	0.011	0.008	0.008	0.017	0.016

Licensee Comments: none

Personnel Screening Program

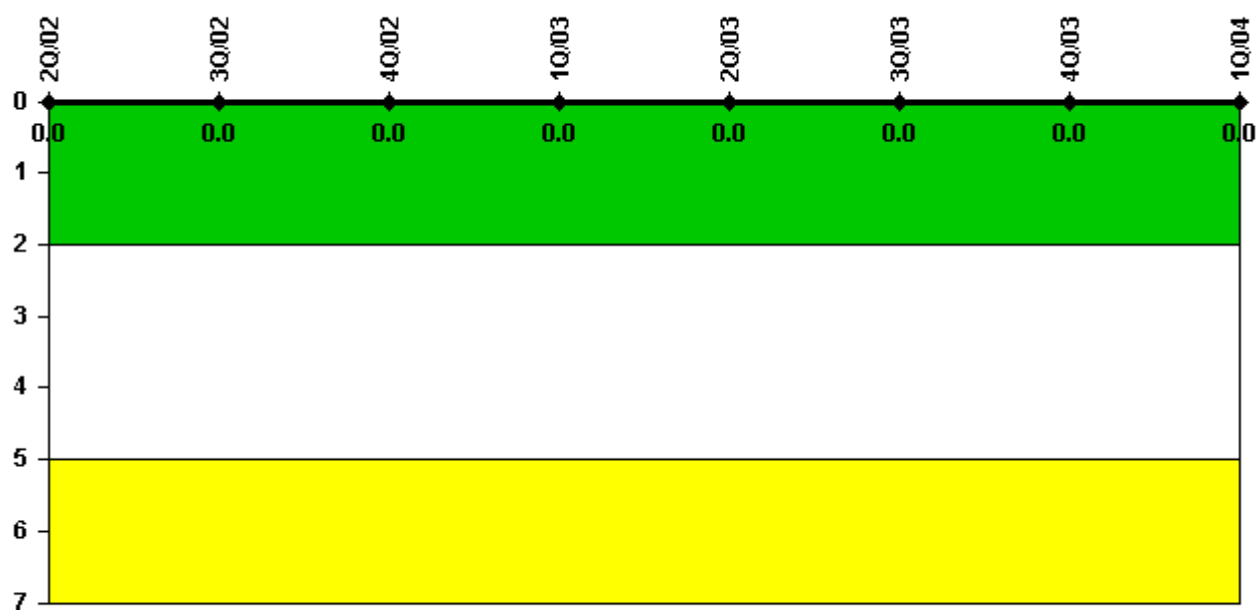


Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Program failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	2Q/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](#)

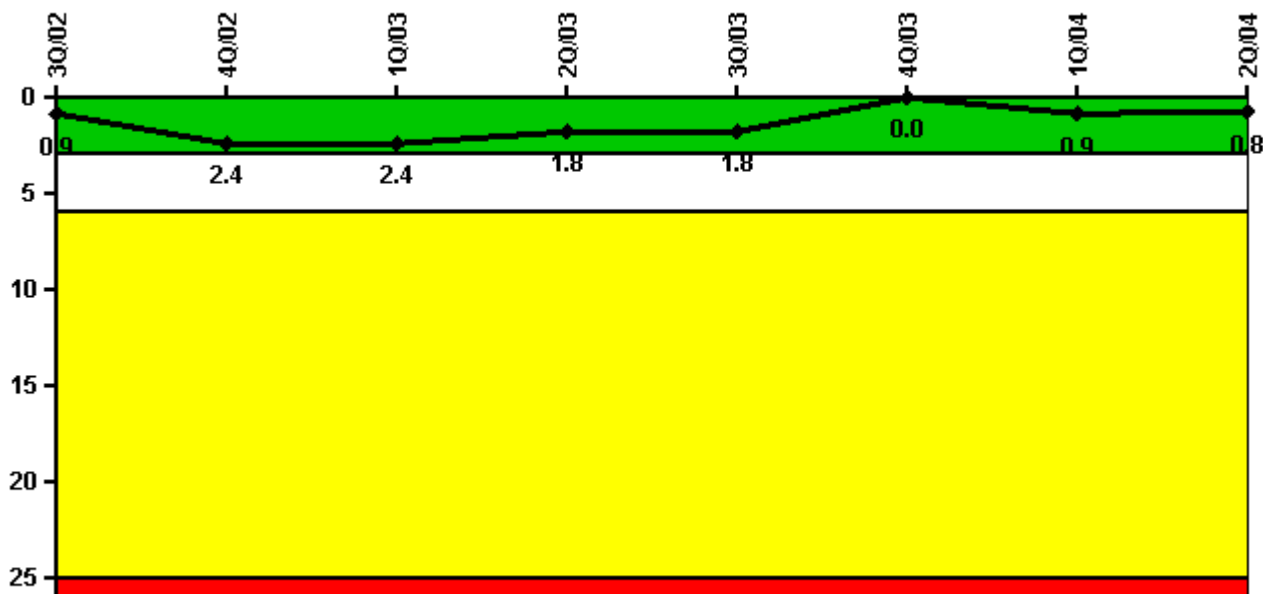
Last Modified: April 22, 2004

Farley 1

2Q/2004 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Unplanned scrams	0	2.0	0	0	0	0	1.0	0
Critical hours	2208.0	2158.9	2089.1	1468.7	2208.0	2209.0	2159.4	2183.0
Indicator value	0.9	2.4	2.4	1.8	1.8	0	0.9	0.8

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



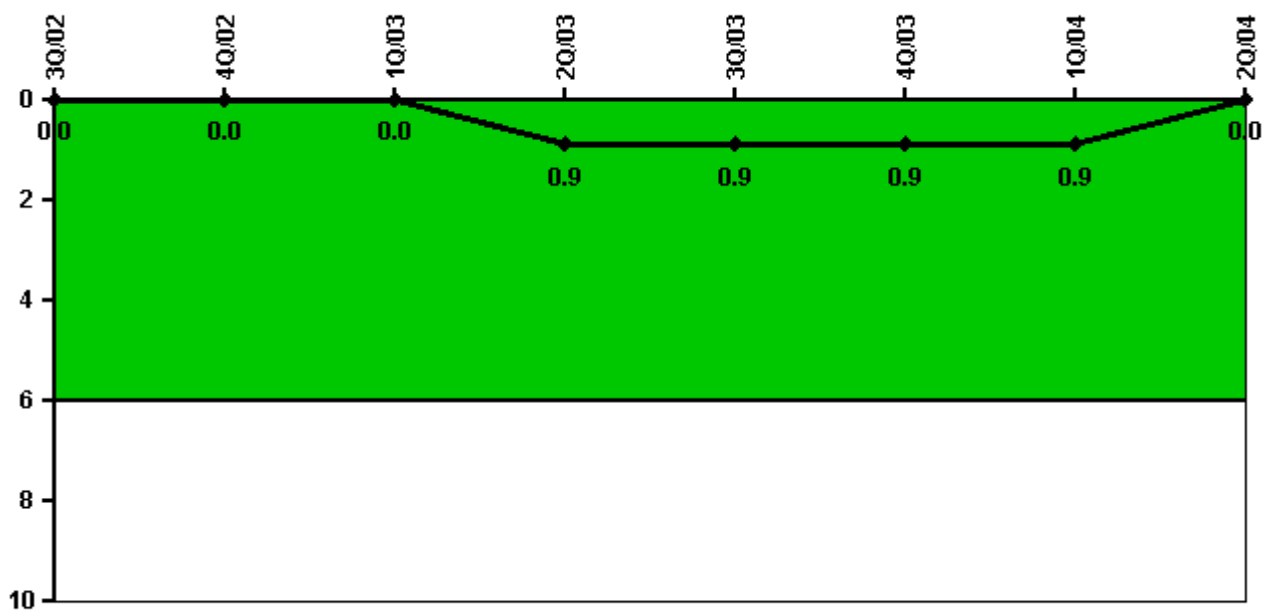
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Scrams	0	1.0	0	0	0	0	1.0	0
Indicator value	0	1.0	1.0	1.0	1.0	1.0	2.0	2.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



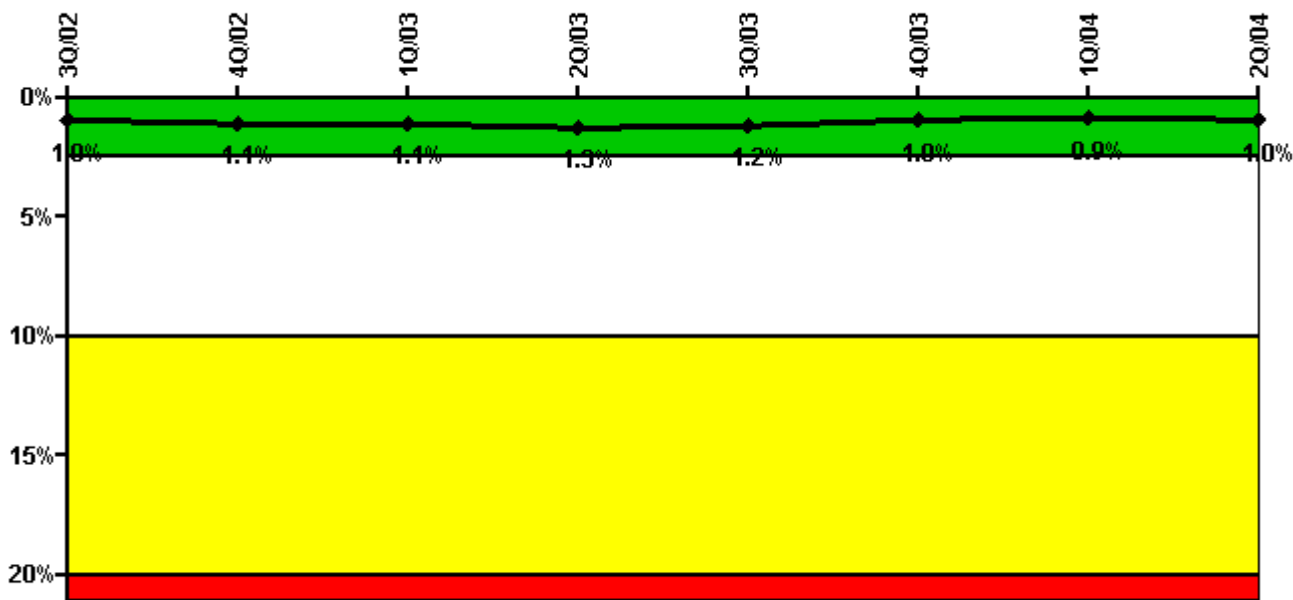
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Unplanned power changes	0	0	0	1.0	0	0	0	0
Critical hours	2208.0	2158.9	2089.1	1468.7	2208.0	2209.0	2159.4	2183.0
Indicator value	0	0	0	0.9	0.9	0.9	0.9	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



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

Notes

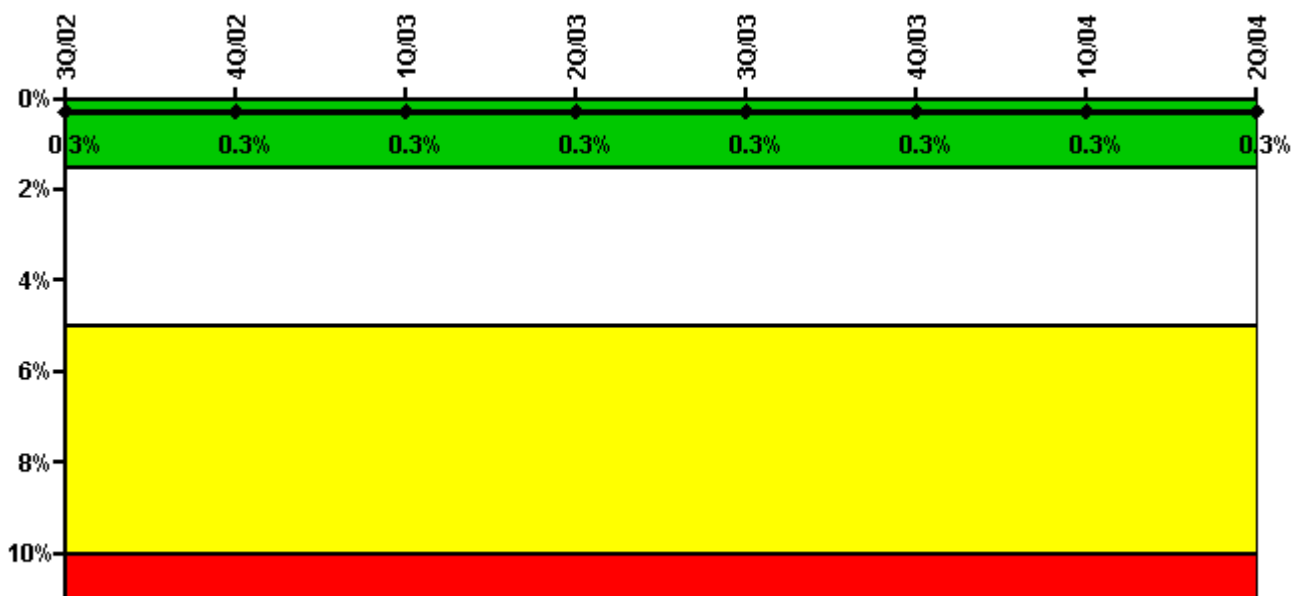
Safety System Unavailability, Emergency AC Power, >2EDG	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours	10.50	7.70	0.97	125.40	26.10	29.70	0	44.00
Unplanned unavailable hours	0	101.90	0	1.40	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00
Train 2								
Planned unavailable hours	13.80	0.60	33.00	0.30	30.20	0	3.00	0.30
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00
Train 3								
Planned unavailable hours	7.80	1.20	0.25	7.40	10.20	3.90	99.10	40.50
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	2183.00	2208.00	2209.00	2184.00	2183.00
Indicator value	1.0%	1.1%	1.1%	1.3%	1.2%	1.0%	0.9%	1.0%

Licensee Comments:

2Q/04: January 2004 Train 2 Emergency AC Power unavailability corrected with Q2 Submittal to remove overhaul hours that should not have been counted. Color unaffected.

1Q/04: January 2004 Train 2 Emergency AC Power unavailability corrected with Q2 Submittal to remove overhaul hours that should not have been counted. Color unaffected.

Safety System Unavailability, High Pressure Injection System (HPSI)



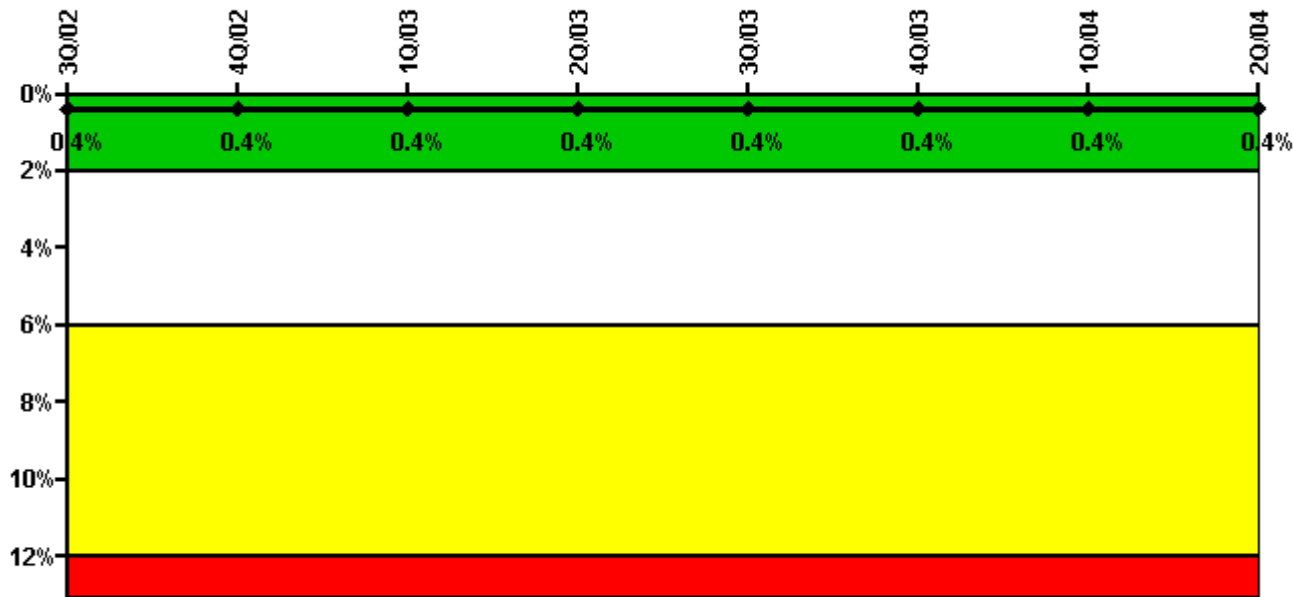
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

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	3.50	5.20	2.50	2.00	4.20	3.70	5.10	1.90
Unplanned unavailable hours	22.10	0	0	0	3.80	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2158.90	2089.10	1468.73	2208.00	2209.00	2159.37	2183.00
Train 2								
Planned unavailable hours	3.90	2.60	5.90	2.30	6.00	4.40	3.60	6.60
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2158.90	2089.10	1468.73	2208.00	2209.00	2159.37	2183.00
Indicator value	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



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

Notes

Safety System Unavailability, Heat Removal System (AFW)	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours	5.20	5.20	3.50	2.70	9.90	5.10	10.00	3.20
Unplanned unavailable hours	22.10	0	0	0	3.80	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2158.90	2089.10	1468.73	2208.00	2209.00	2159.37	2183.00
Train 2								
Planned unavailable hours	4.60	3.10	8.33	2.30	7.90	4.40	5.80	8.10
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2158.90	2089.10	1468.73	2208.00	2209.00	2159.37	2183.00
Train 3								
Planned unavailable hours	9.90	0.30	2.16	40.00	3.40	7.10	27.50	1.90
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	2208.00	2158.90	2089.10	1468.73	2208.00	2209.00	2159.37	2183.00
Indicator value	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



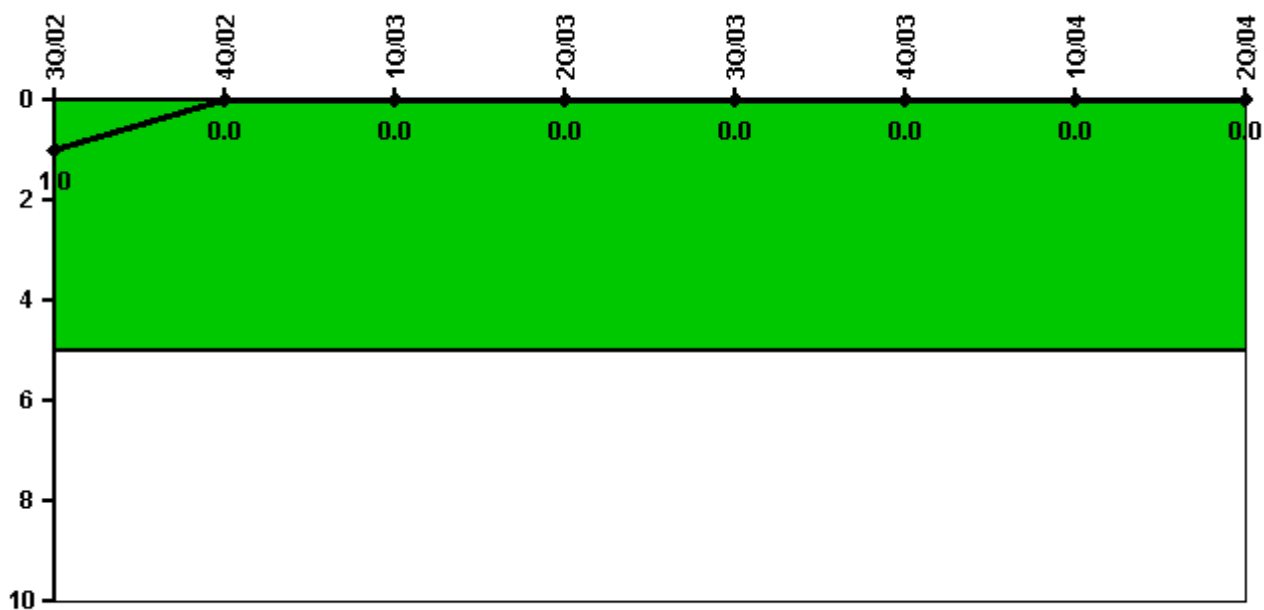
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours	4.00	19.80	14.70	7.90	11.00	4.50	20.60	3.00
Unplanned unavailable hours	22.10	0	13.30	0	3.80	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00
Train 2								
Planned unavailable hours	18.20	11.40	6.90	15.90	8.00	12.00	4.60	21.50
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	2183.00	2208.00	2209.00	2184.00	2183.00
Indicator value	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%

Licensee Comments: none

Safety System Functional Failures (PWR)



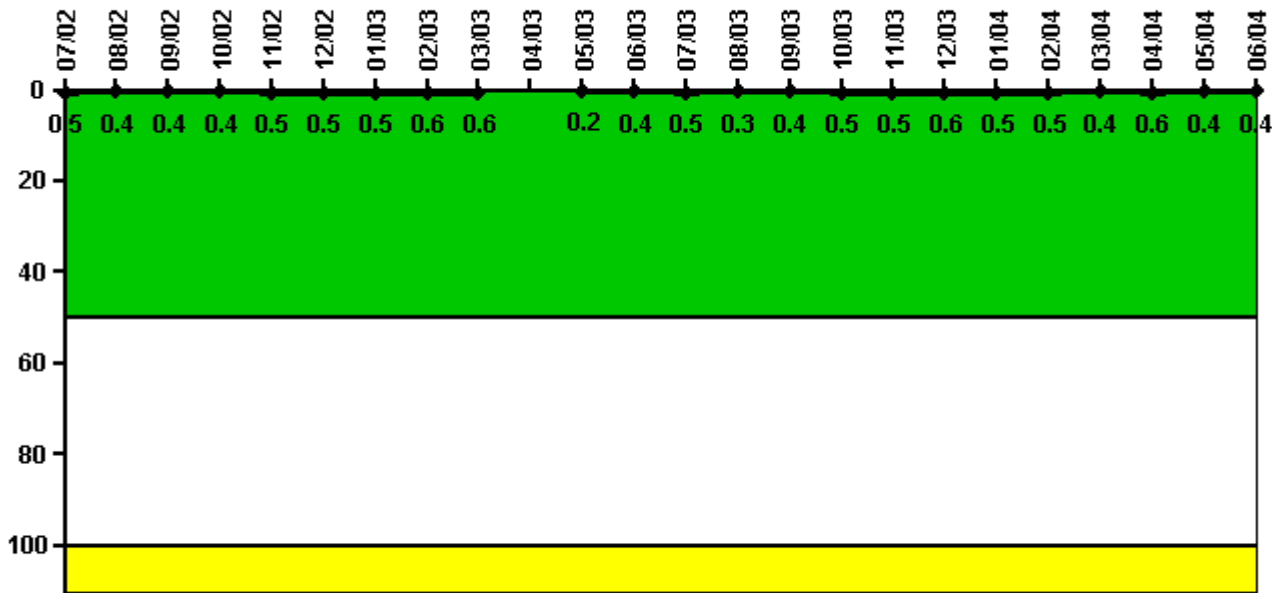
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

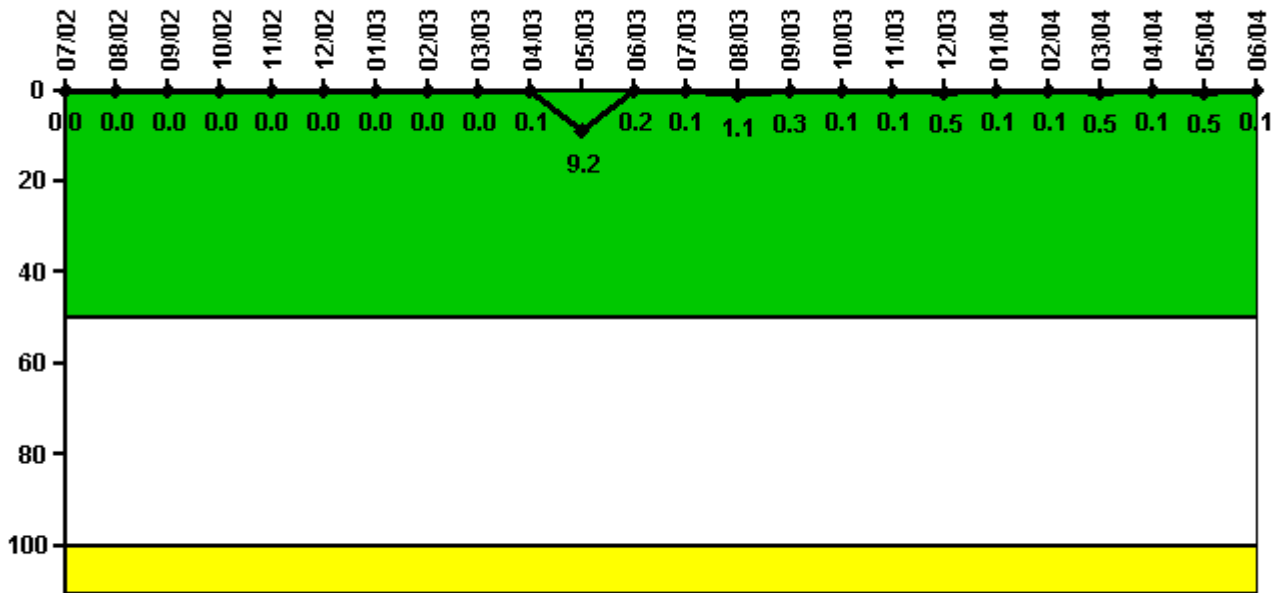
Notes

Reactor Coolant System Activity	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03
Maximum activity	0.002280	0.002197	0.002156	0.002145	0.002302	0.002536	0.002593	0.002833	0.002807	N/A	0.001185	0.002150
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.5	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.6	N/A	0.2	0.4

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	0.002310	0.001570	0.002002	0.002449	0.002735	0.002806	0.002376	0.002283	0.002167	0.002815	0.002128	0.001935
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.5	0.3	0.4	0.5	0.5	0.6	0.5	0.5	0.4	0.6	0.4	0.4

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

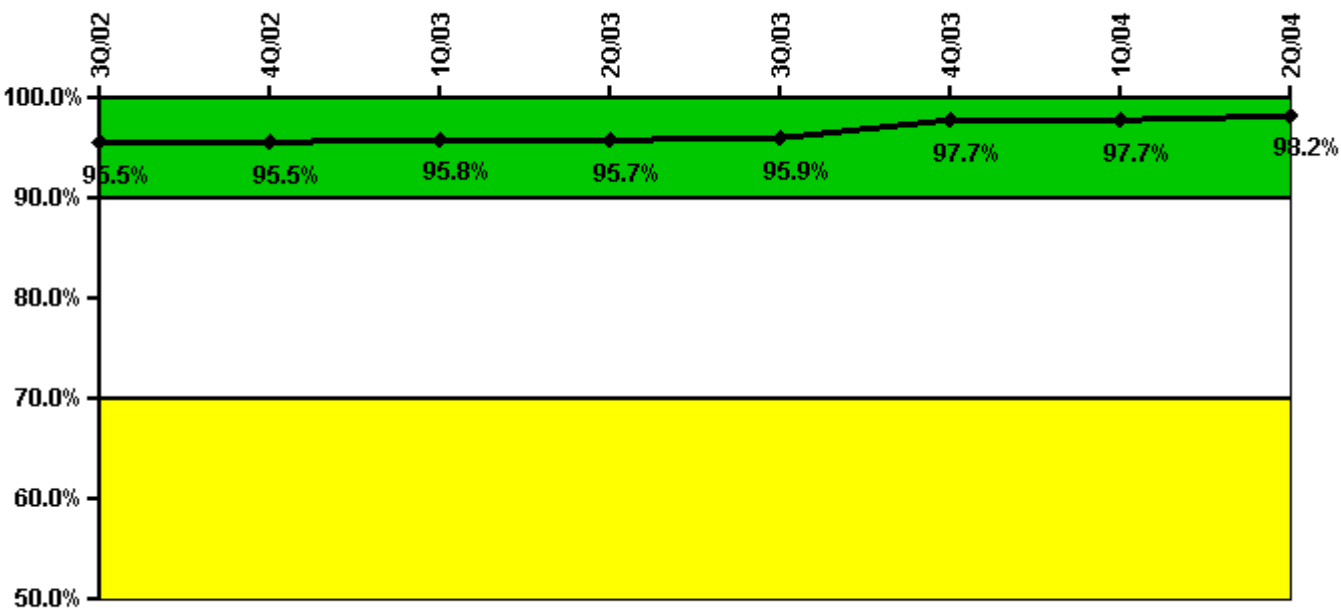
Notes

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	0	0	0	0	0	0	0	0	0.008	0.917	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	0	0	0	0	0	0	0	0	0.1	9.2	0.2

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	0.010	0.109	0.027	0.009	0.009	0.053	0.009	0.009	0.048	0.009	0.051	0.009
Technical specification limit	10.0	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	1.1	0.3	0.1	0.1	0.5	0.1	0.1	0.5	0.1	0.5	0.1

Licensee Comments: none

Drill/Exercise Performance



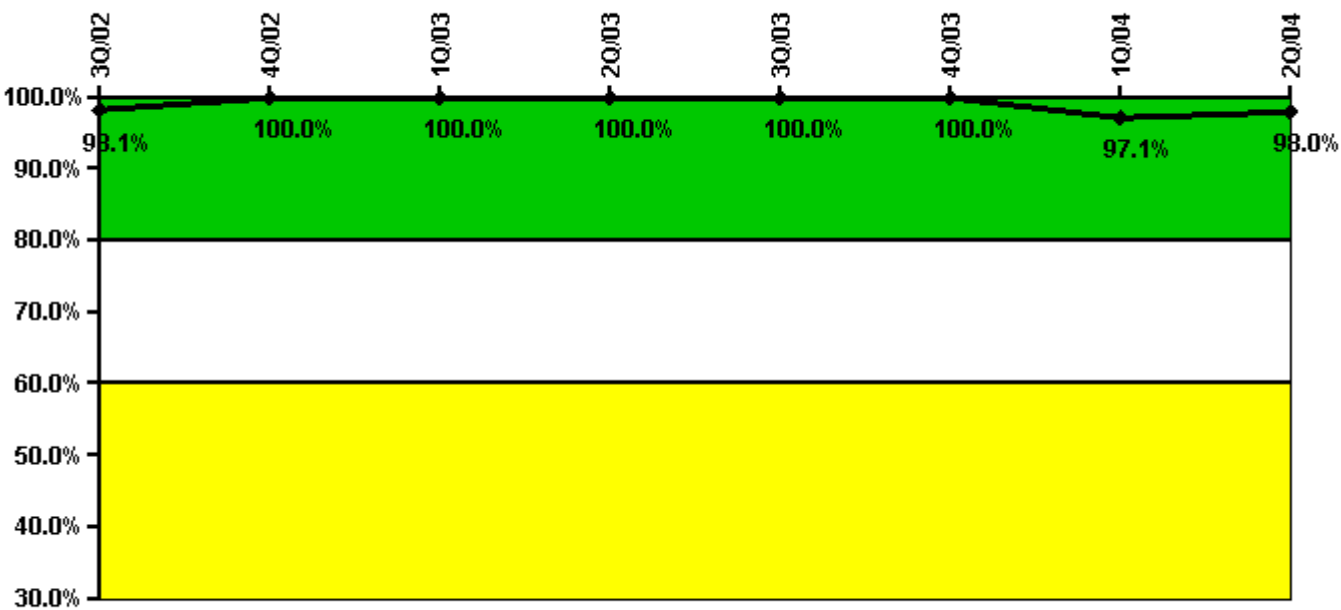
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Successful opportunities	56.0	8.0	8.0	8.0	33.0	102.0	0	2.0
Total opportunities	58.0	8.0	8.0	8.0	34.0	103.0	0	2.0
Indicator value	95.5%	95.5%	95.8%	95.7%	95.9%	97.7%	97.7%	98.2%

Licensee Comments: none

ERO Drill Participation



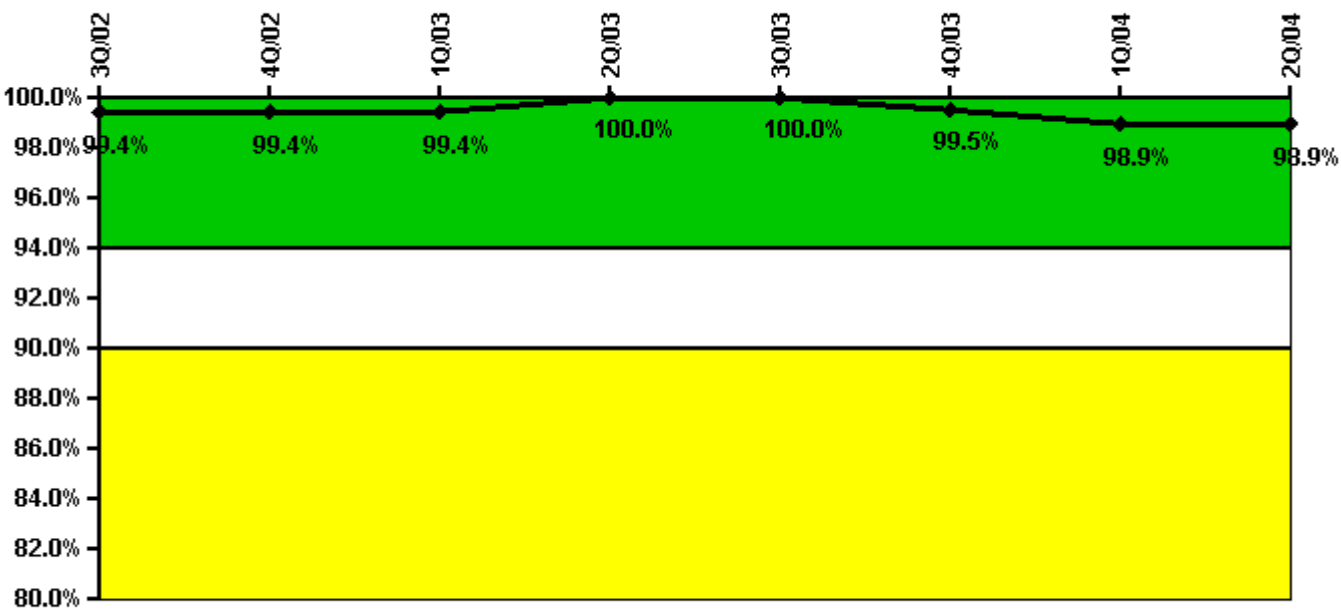
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Participating Key personnel	101.0	104.0	102.0	101.0	100.0	108.0	100.0	97.0
Total Key personnel	103.0	104.0	102.0	101.0	100.0	108.0	103.0	99.0
Indicator value	98.1%	100.0%	100.0%	100.0%	100.0%	100.0%	97.1%	98.0%

Licensee Comments: none

Alert & Notification System



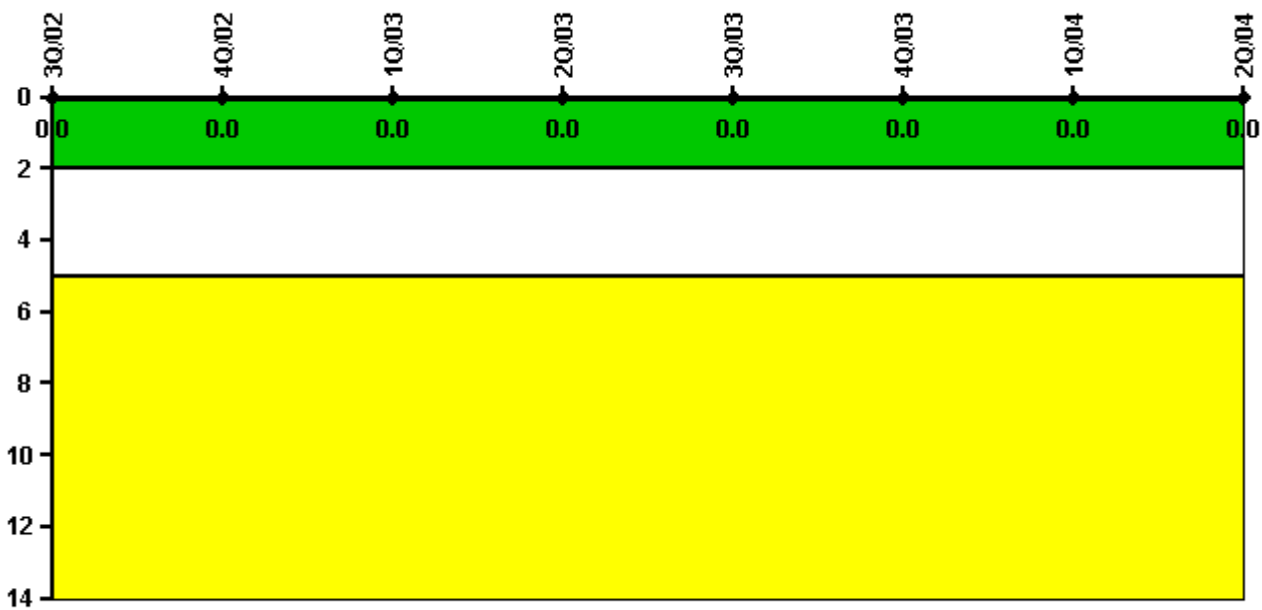
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Successful siren-tests	45	42	48	45	45	47	47	45
Total sirens-tests	45	42	48	45	45	48	48	45
Indicator value	99.4%	99.4%	99.4%	100.0%	100.0%	99.5%	98.9%	98.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness

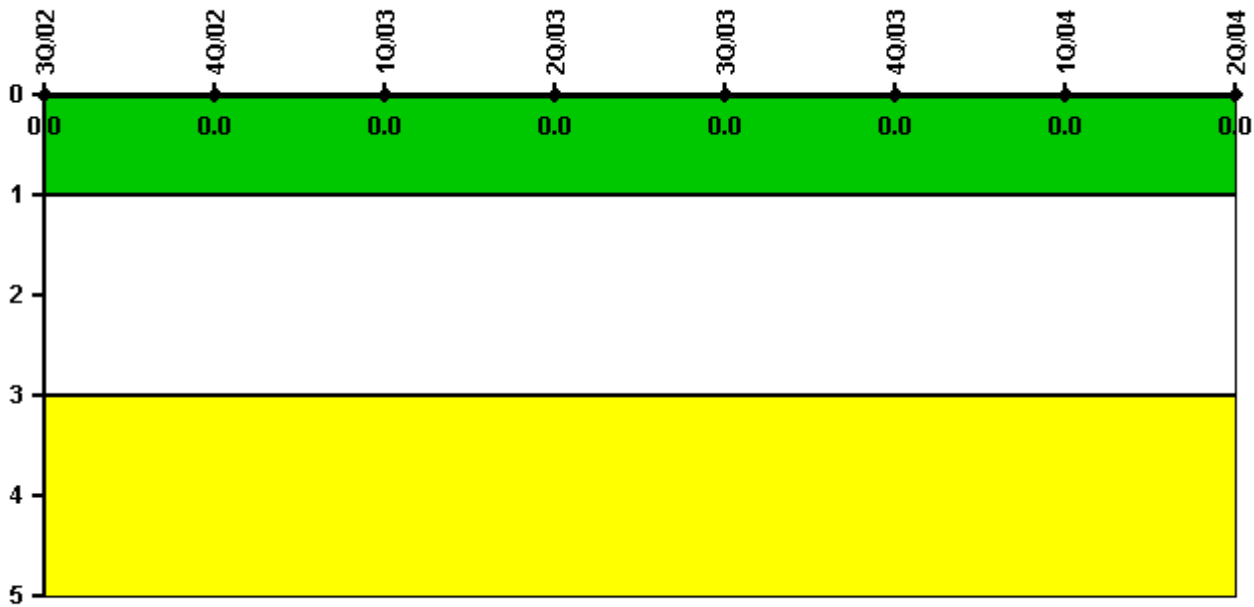


Thresholds: White > 2.0 Yellow > 5.0

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](#)

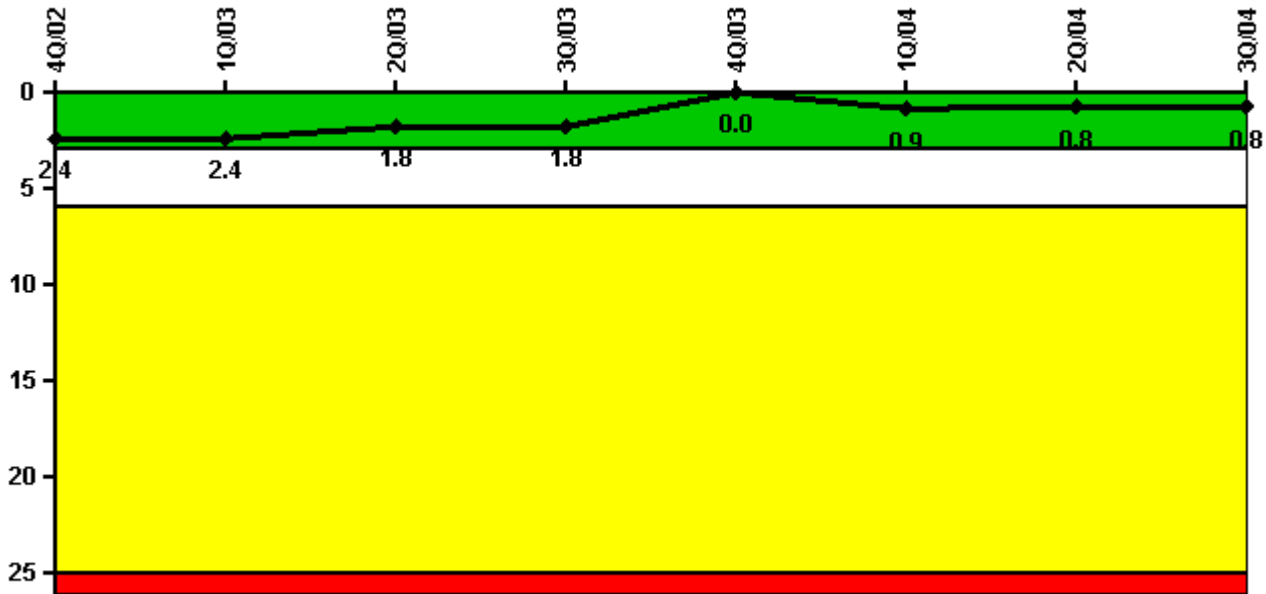
Last Modified: September 8, 2004

Farley 1

3Q/2004 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



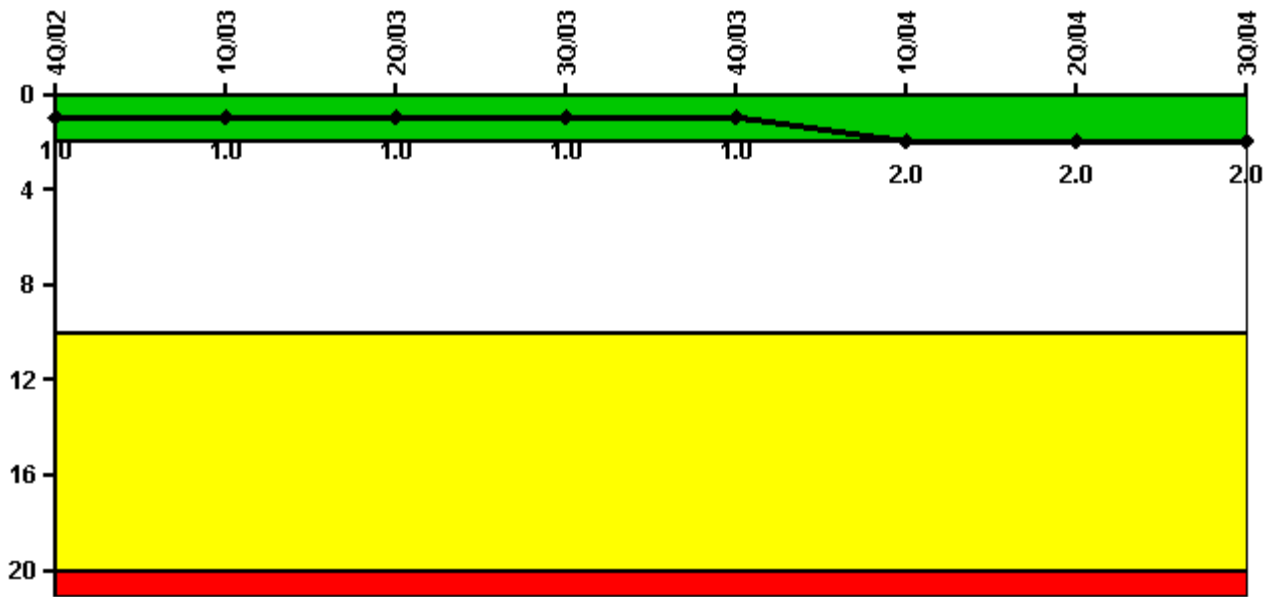
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	2.0	0	0	0	0	1.0	0	0
Critical hours	2158.9	2089.1	1468.7	2208.0	2209.0	2159.4	2183.0	2208.0
Indicator value	2.4	2.4	1.8	1.8	0	0.9	0.8	0.8

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



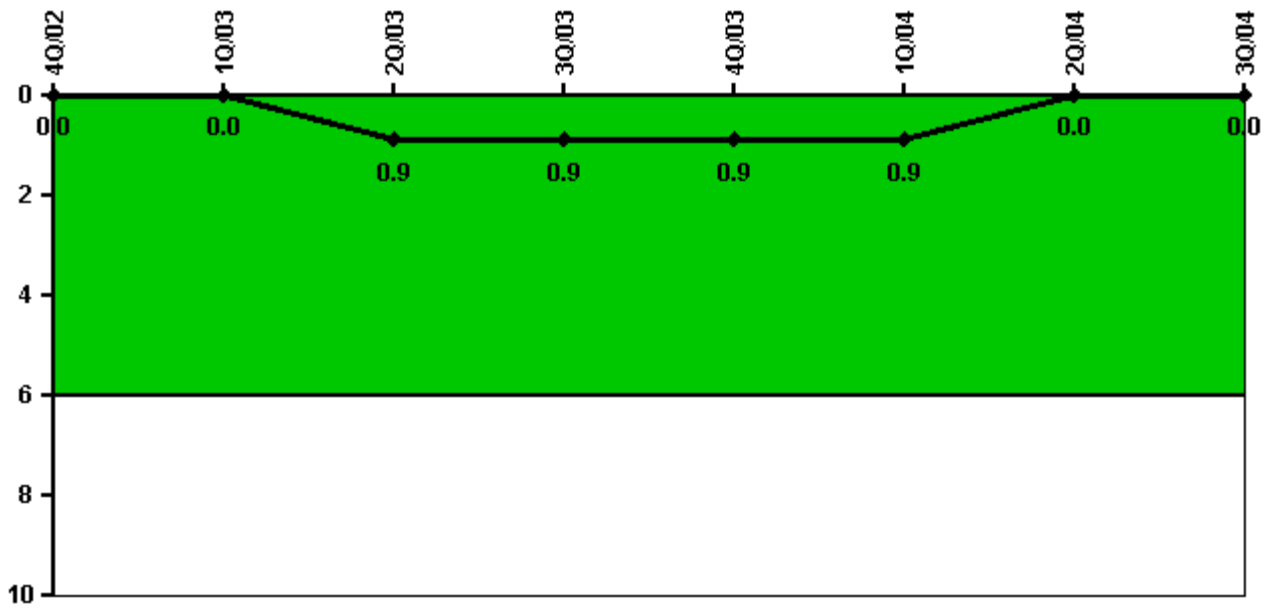
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Scrams	1.0	0	0	0	0	1.0	0	0
Indicator value	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



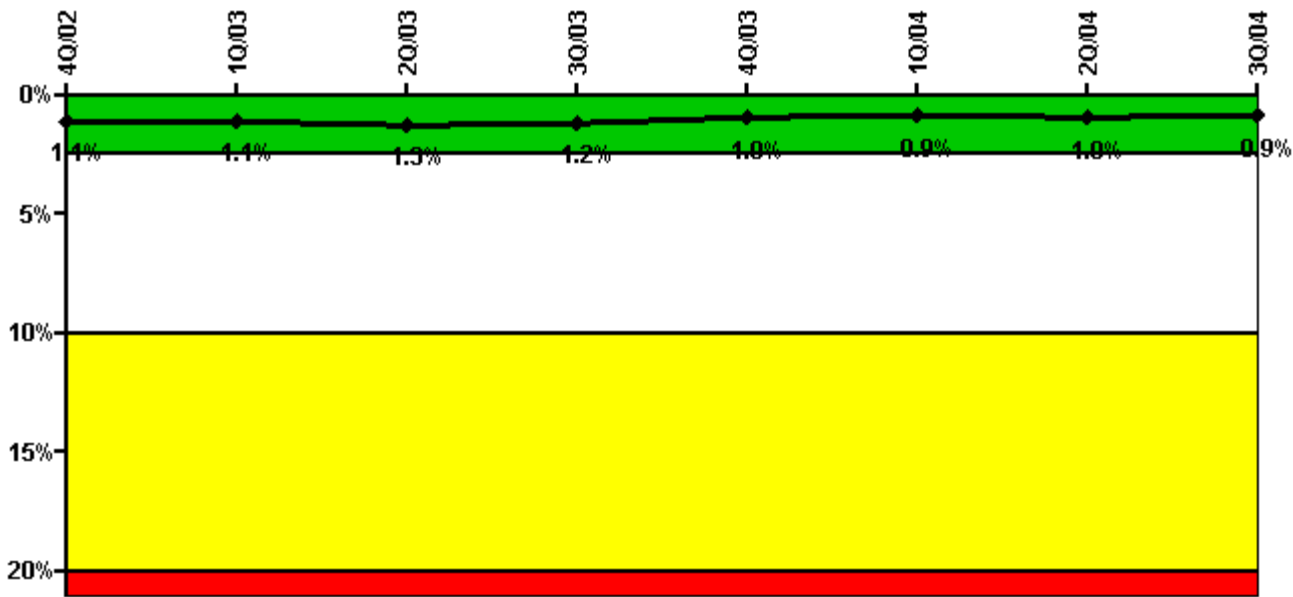
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Unplanned power changes	0	0	1.0	0	0	0	0	0
Critical hours	2158.9	2089.1	1468.7	2208.0	2209.0	2159.4	2183.0	2208.0
Indicator value	0	0	0.9	0.9	0.9	0.9	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



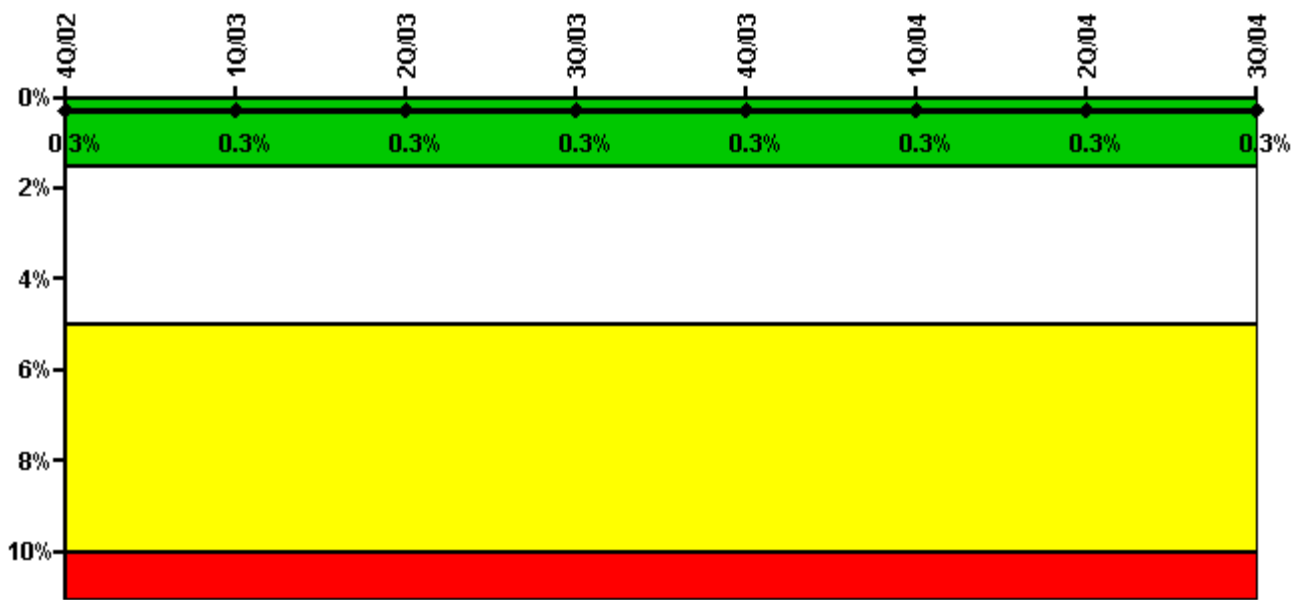
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	7.70	0.97	125.40	26.10	29.70	0	44.00	2.60
Unplanned unavailable hours	101.90	0	1.40	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00
Train 2								
Planned unavailable hours	0.60	33.00	0.30	30.20	0	3.00	0.30	30.10
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	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00
Train 3								
Planned unavailable hours	1.20	0.25	7.40	10.20	3.90	99.10	40.50	34.00
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	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00
Indicator value	1.1%	1.1%	1.3%	1.2%	1.0%	0.9%	1.0%	0.9%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



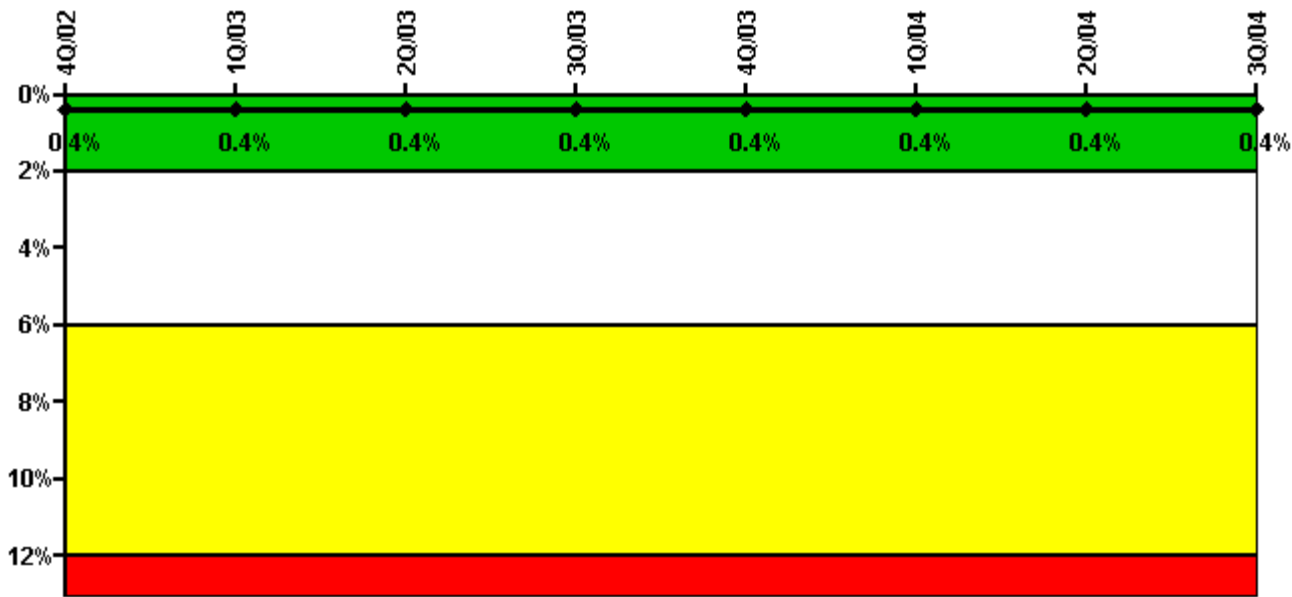
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	5.20	2.50	2.00	4.20	3.70	5.10	1.90	7.10
Unplanned unavailable hours	0	0	0	3.80	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2158.90	2089.10	1468.73	2208.00	2209.00	2159.37	2183.00	2208.00
Train 2								
Planned unavailable hours	2.60	5.90	2.30	6.00	4.40	3.60	6.60	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	2158.90	2089.10	1468.73	2208.00	2209.00	2159.37	2183.00	2208.00
Indicator value	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



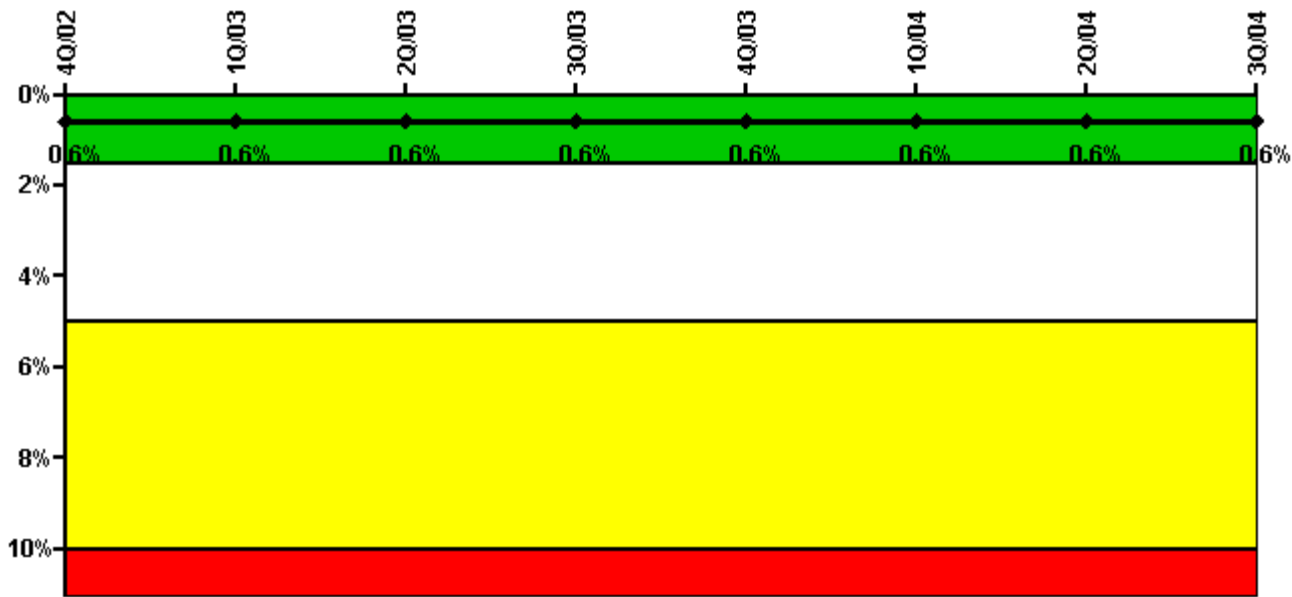
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	5.20	3.50	2.70	9.90	5.10	10.00	3.20	5.30
Unplanned unavailable hours	0	0	0	3.80	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2158.90	2089.10	1468.73	2208.00	2209.00	2159.37	2183.00	2208.00
Train 2								
Planned unavailable hours	3.10	8.33	2.30	7.90	4.40	5.80	8.10	3.50
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2158.90	2089.10	1468.73	2208.00	2209.00	2159.37	2183.00	2208.00
Train 3								
Planned unavailable hours	0.30	2.16	40.00	3.40	7.10	27.50	1.90	16.40
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	2158.90	2089.10	1468.73	2208.00	2209.00	2159.37	2183.00	2208.00
Indicator value	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



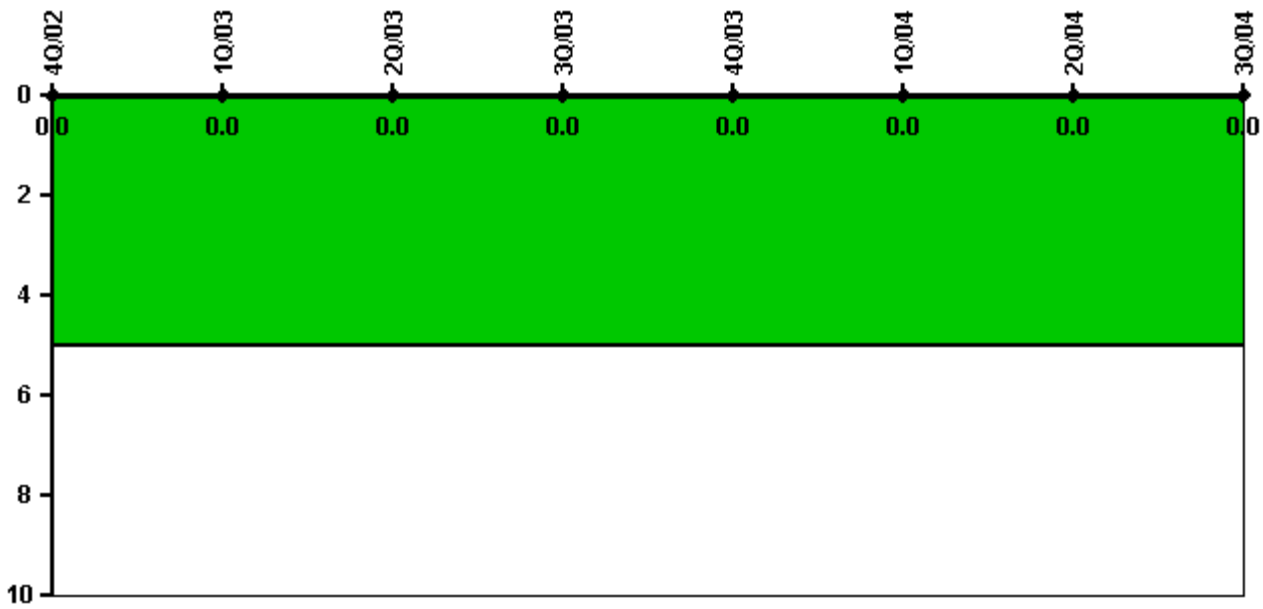
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	19.80	14.70	7.90	11.00	4.50	20.60	3.00	24.40
Unplanned unavailable hours	0	13.30	0	3.80	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00
Train 2								
Planned unavailable hours	11.40	6.90	15.90	8.00	12.00	4.60	21.50	24.00
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	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00
Indicator value	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%

Licensee Comments: none

Safety System Functional Failures (PWR)



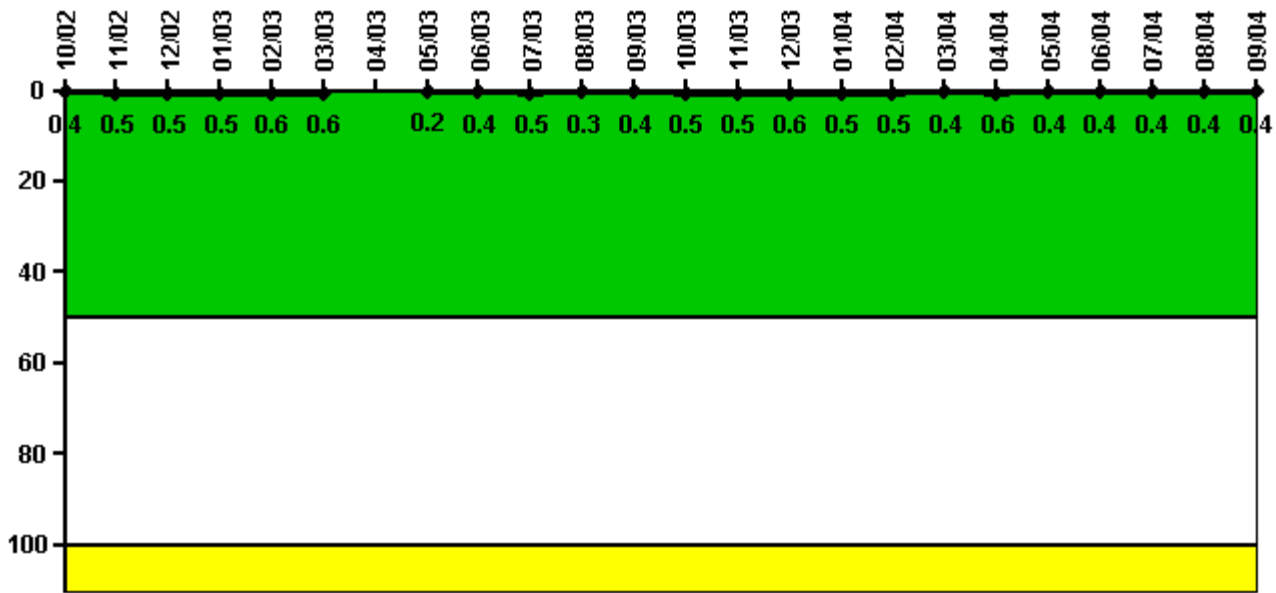
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

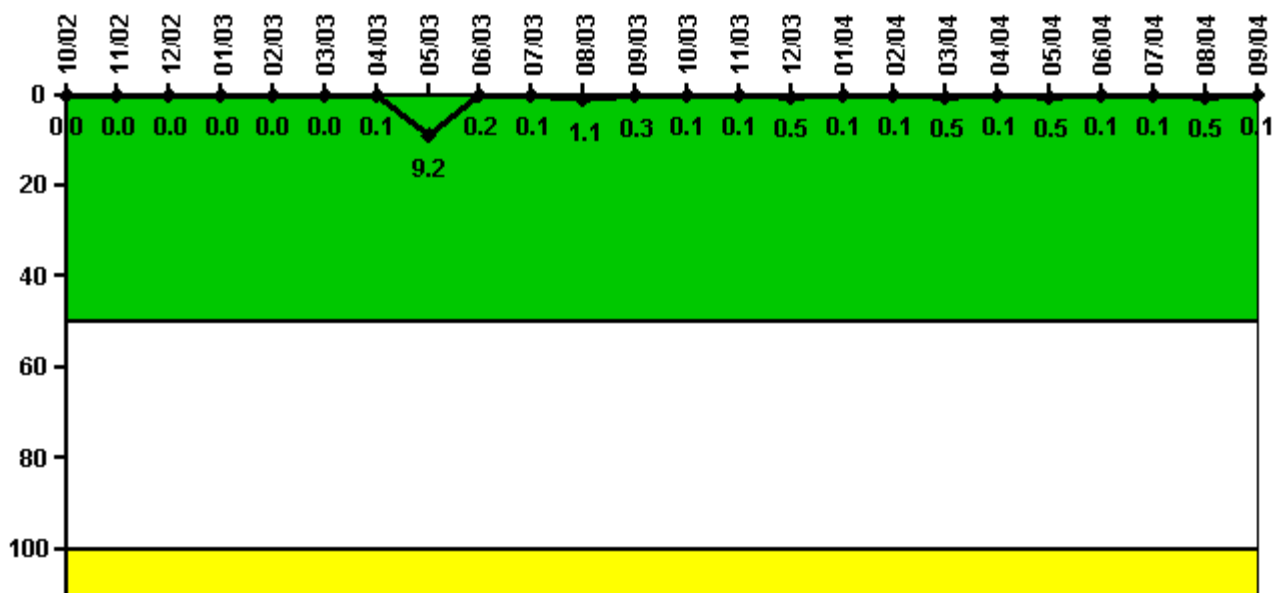
Notes

Reactor Coolant System Activity	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03
Maximum activity	0.002145	0.002302	0.002536	0.002593	0.002833	0.002807	N/A	0.001185	0.002150	0.002310	0.001570	0.002002
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.4	0.5	0.5	0.5	0.6	0.6	N/A	0.2	0.4	0.5	0.3	0.4

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	0.002449	0.002735	0.002806	0.002376	0.002283	0.002167	0.002815	0.002128	0.001935	0.001817	0.001885	0.001885
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.5	0.5	0.6	0.5	0.5	0.4	0.6	0.4	0.4	0.4	0.4	0.4

Licensee Comments: none

Reactor Coolant System Leakage



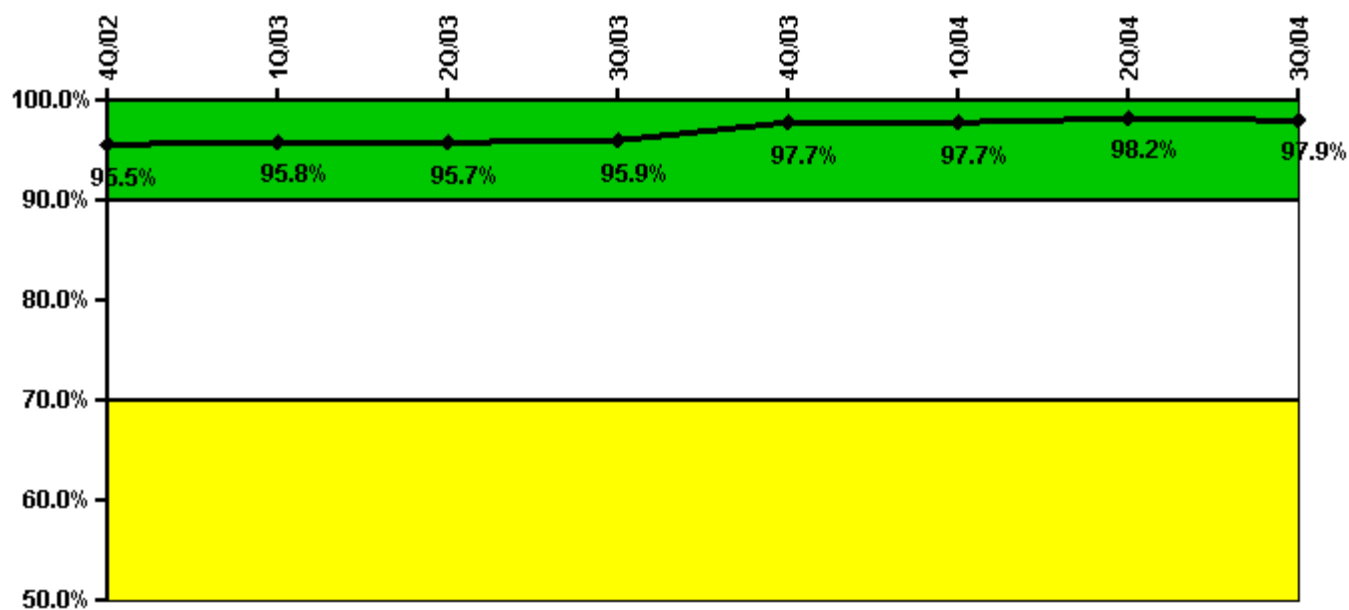
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03
Maximum leakage	0	0	0	0	0	0	0.008	0.917	0.015	0.010	0.109	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	0	0	0	0	0	0.1	9.2	0.2	0.1	1.1	0.3
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	0.009	0.009	0.053	0.009	0.009	0.048	0.009	0.051	0.009	0.012	0.048	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	0.5	0.1	0.1	0.5	0.1	0.5	0.1	0.1	0.5	0.1

Licensee Comments: none

Drill/Exercise Performance



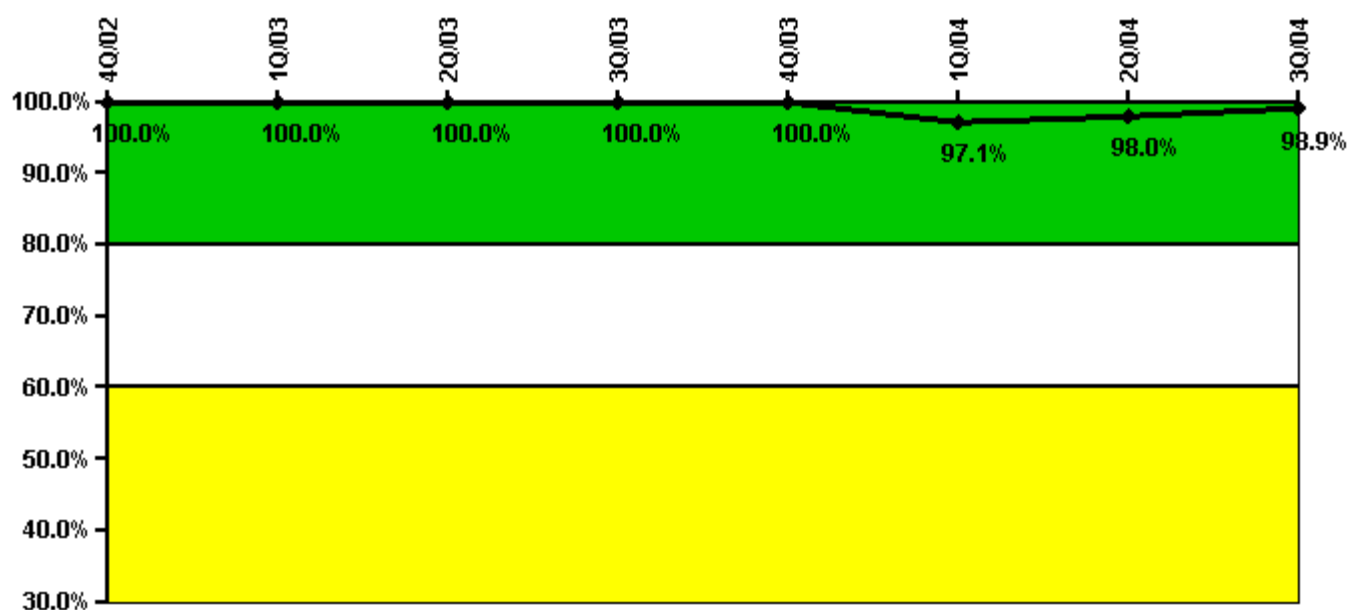
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Successful opportunities	8.0	8.0	8.0	33.0	102.0	0	2.0	71.0
Total opportunities	8.0	8.0	8.0	34.0	103.0	0	2.0	74.0
Indicator value	95.5%	95.8%	95.7%	95.9%	97.7%	97.7%	98.2%	97.9%

Licensee Comments: none

ERO Drill Participation



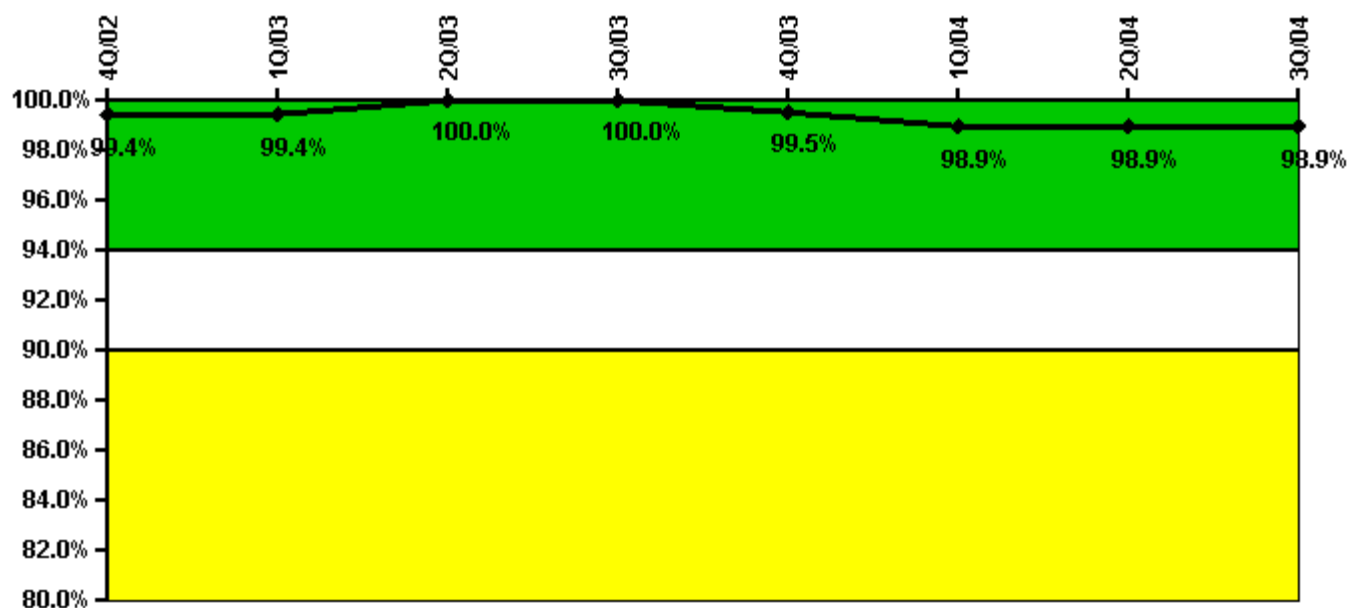
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Participating Key personnel	104.0	102.0	101.0	100.0	108.0	100.0	97.0	89.0
Total Key personnel	104.0	102.0	101.0	100.0	108.0	103.0	99.0	90.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	97.1%	98.0%	98.9%

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	42	48	45	45	47	47	45	45
Total sirens-tests	42	48	45	45	48	48	45	45
Indicator value	99.4%	99.4%	100.0%	100.0%	99.5%	98.9%	98.9%	98.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness

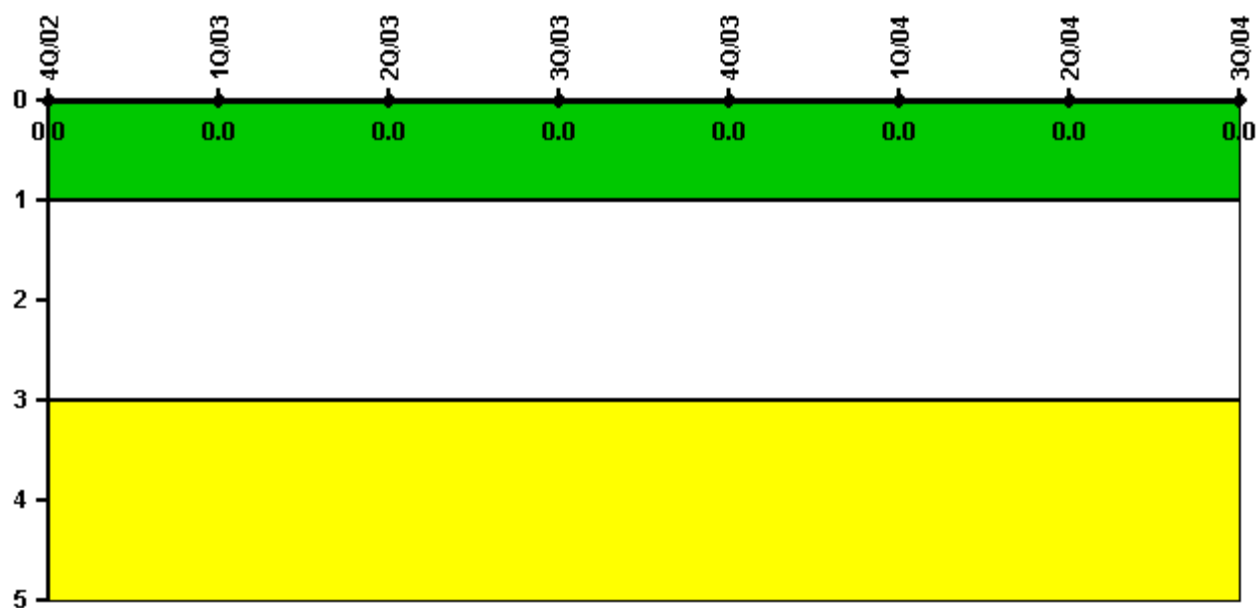


Thresholds: White > 2.0 Yellow > 5.0

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](#)

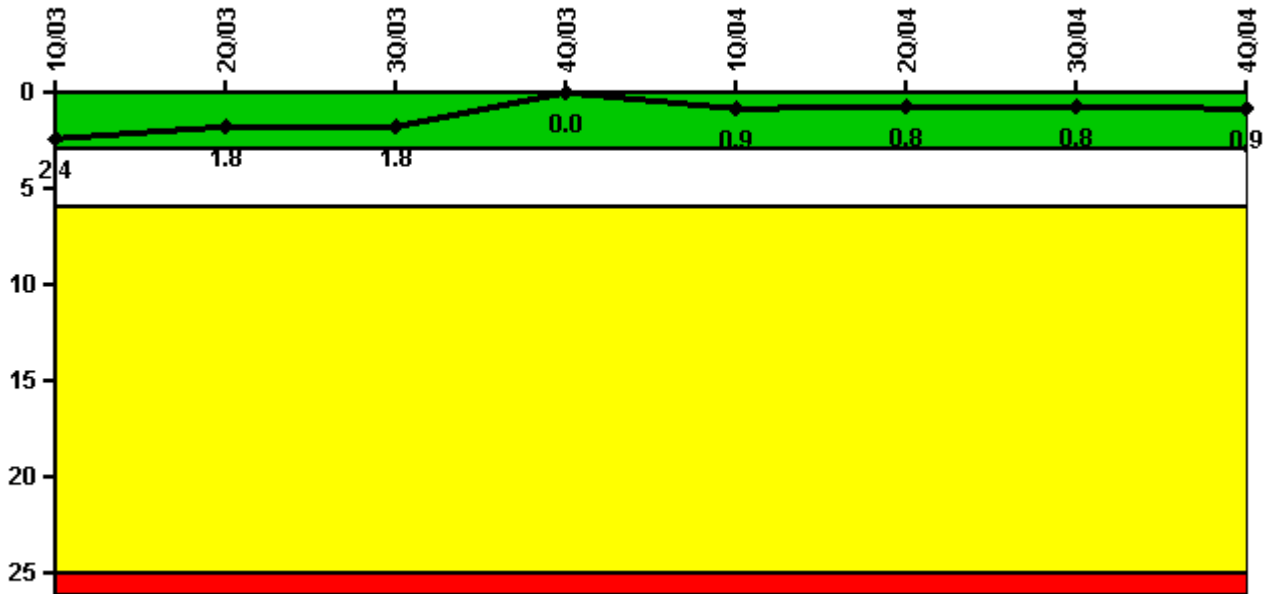
Last Modified: October 25, 2004

Farley 1

4Q/2004 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



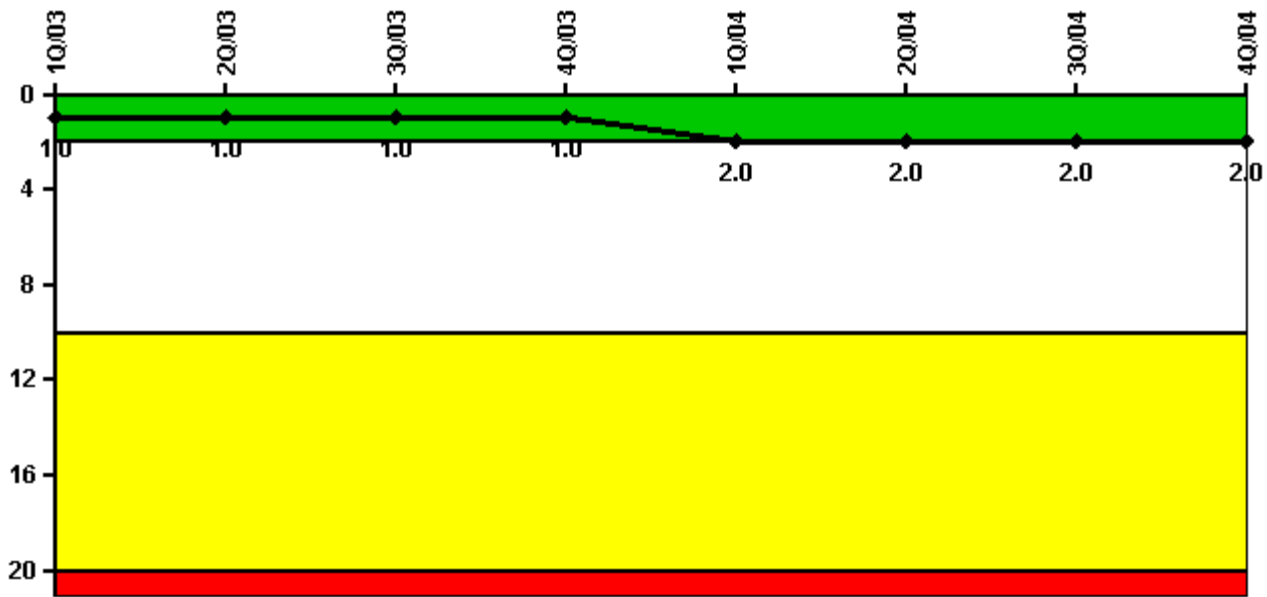
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Unplanned scrams	0	0	0	0	1.0	0	0	0
Critical hours	2089.1	1468.7	2208.0	2209.0	2159.4	2183.0	2208.0	1160.8
Indicator value	2.4	1.8	1.8	0	0.9	0.8	0.8	0.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



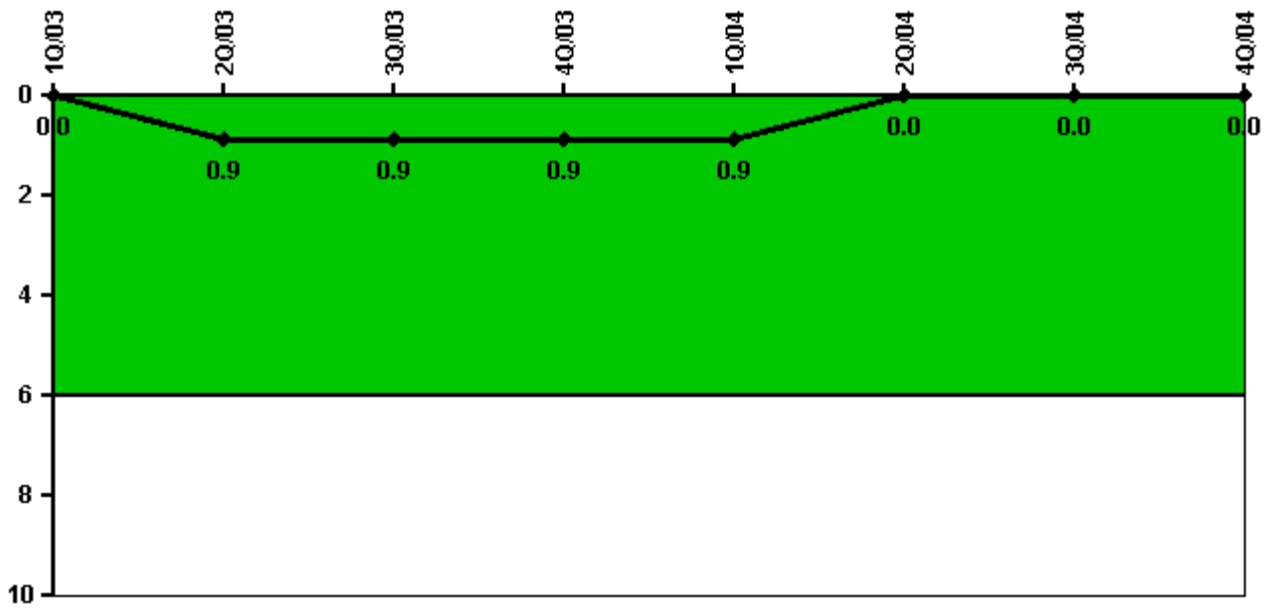
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

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	0	0	0	1.0	0	0	0
Indicator value	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



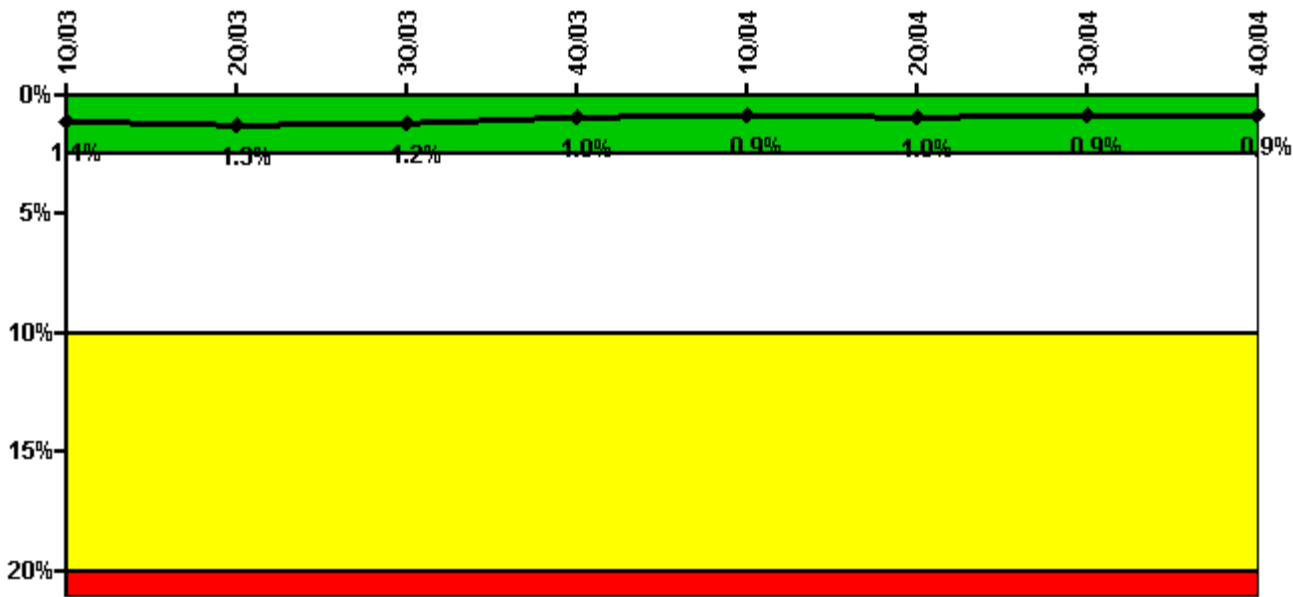
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Unplanned power changes	0	1.0	0	0	0	0	0	0
Critical hours	2089.1	1468.7	2208.0	2209.0	2159.4	2183.0	2208.0	1160.8
Indicator value	0	0.9	0.9	0.9	0.9	0	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



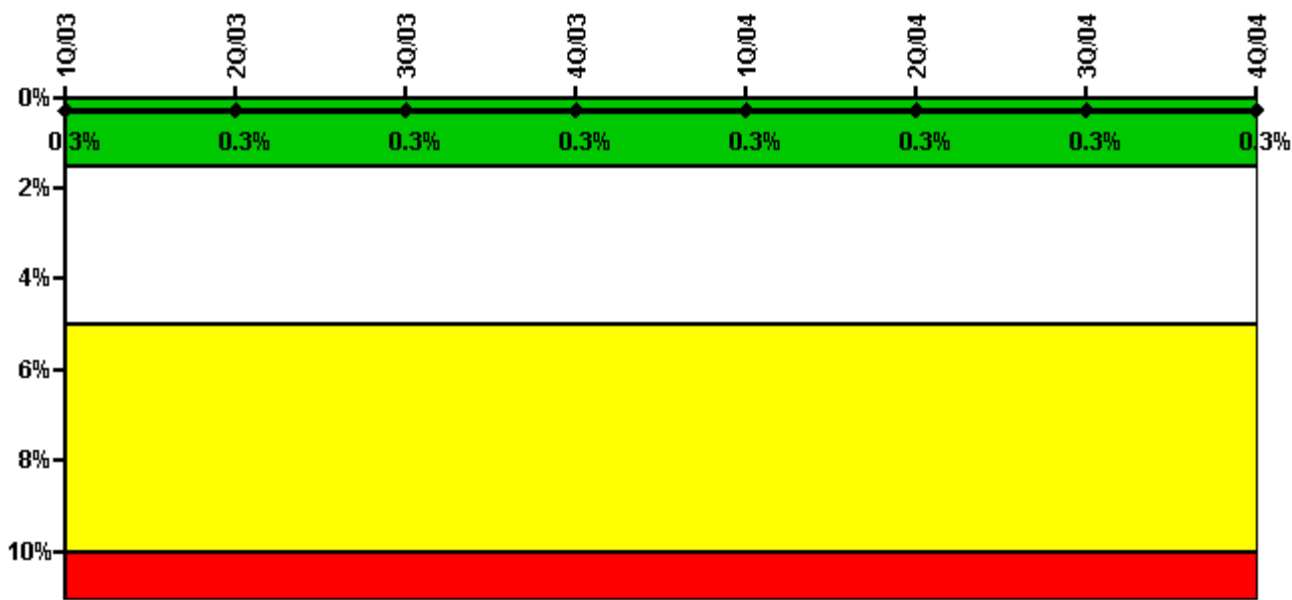
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours	0.97	125.40	26.10	29.70	0	44.00	2.60	2.70
Unplanned unavailable hours	0	1.40	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	33.00	0.30	30.20	0	3.00	0.30	30.10	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00
Train 3								
Planned unavailable hours	0.25	7.40	10.20	3.90	99.10	40.50	34.00	3.20
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	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00
Indicator value	1.1%	1.3%	1.2%	1.0%	0.9%	1.0%	0.9%	0.9%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



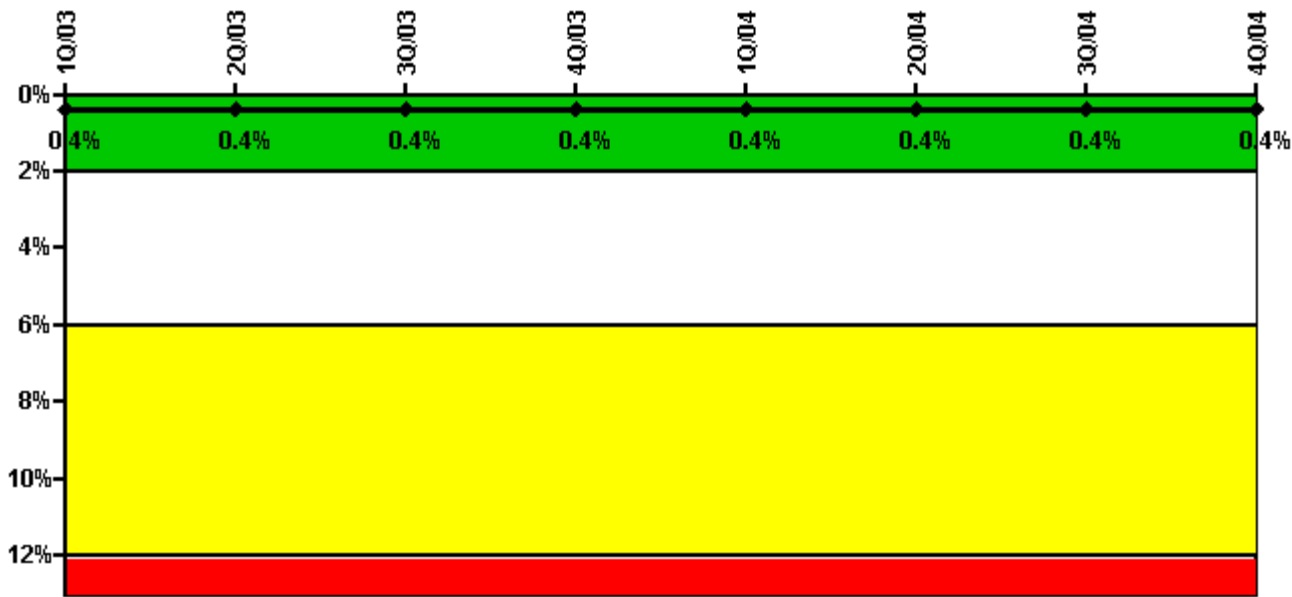
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours	2.50	2.00	4.20	3.70	5.10	1.90	7.10	2.50
Unplanned unavailable hours	0	0	3.80	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2089.10	1468.73	2208.00	2209.00	2159.37	2183.00	2208.00	1160.84
Train 2								
Planned unavailable hours	5.90	2.30	6.00	4.40	3.60	6.60	9.90	2.90
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	2089.10	1468.73	2208.00	2209.00	2159.37	2183.00	2208.00	1160.84
Indicator value	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



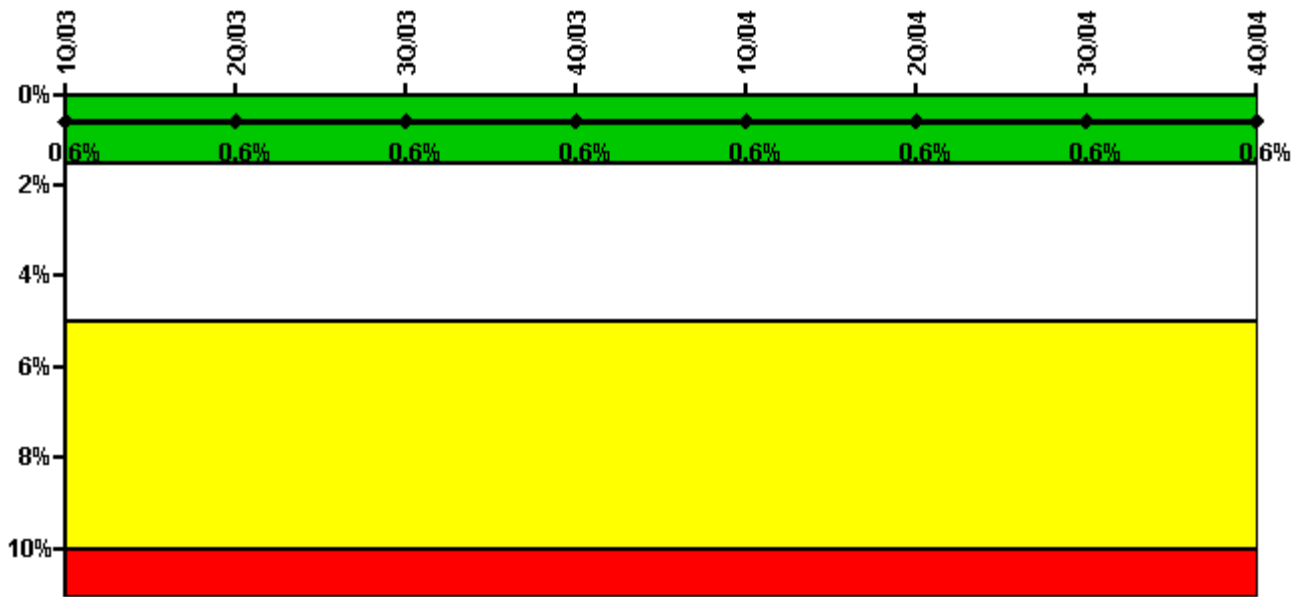
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours	3.50	2.70	9.90	5.10	10.00	3.20	5.30	2.80
Unplanned unavailable hours	0	0	3.80	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	2089.10	1468.73	2208.00	2209.00	2159.37	2183.00	2208.00	1160.84
Train 2								
Planned unavailable hours	8.33	2.30	7.90	4.40	5.80	8.10	3.50	2.90
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	2089.10	1468.73	2208.00	2209.00	2159.37	2183.00	2208.00	1160.84
Train 3								
Planned unavailable hours	2.16	40.00	3.40	7.10	27.50	1.90	16.40	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	2089.10	1468.73	2208.00	2209.00	2159.37	2183.00	2208.00	1160.84
Indicator value	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



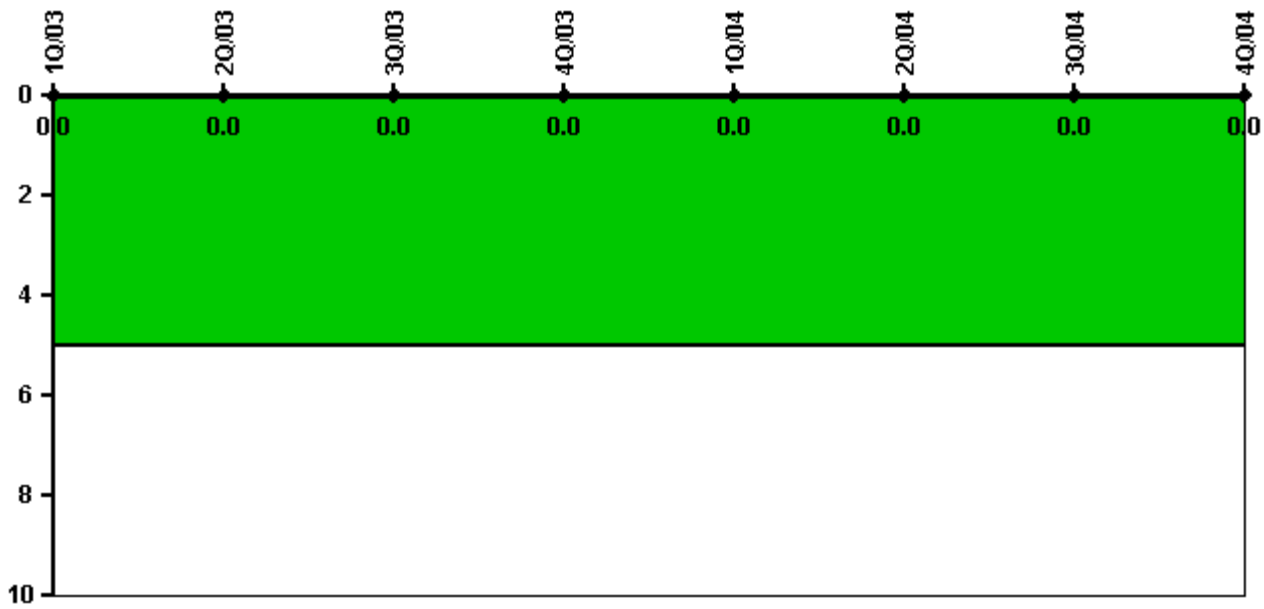
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours	14.70	7.90	11.00	4.50	20.60	3.00	24.40	4.40
Unplanned unavailable hours	13.30	0	3.80	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	6.90	15.90	8.00	12.00	4.60	21.50	24.00	5.50
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00
Indicator value	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%

Licensee Comments: none

Safety System Functional Failures (PWR)



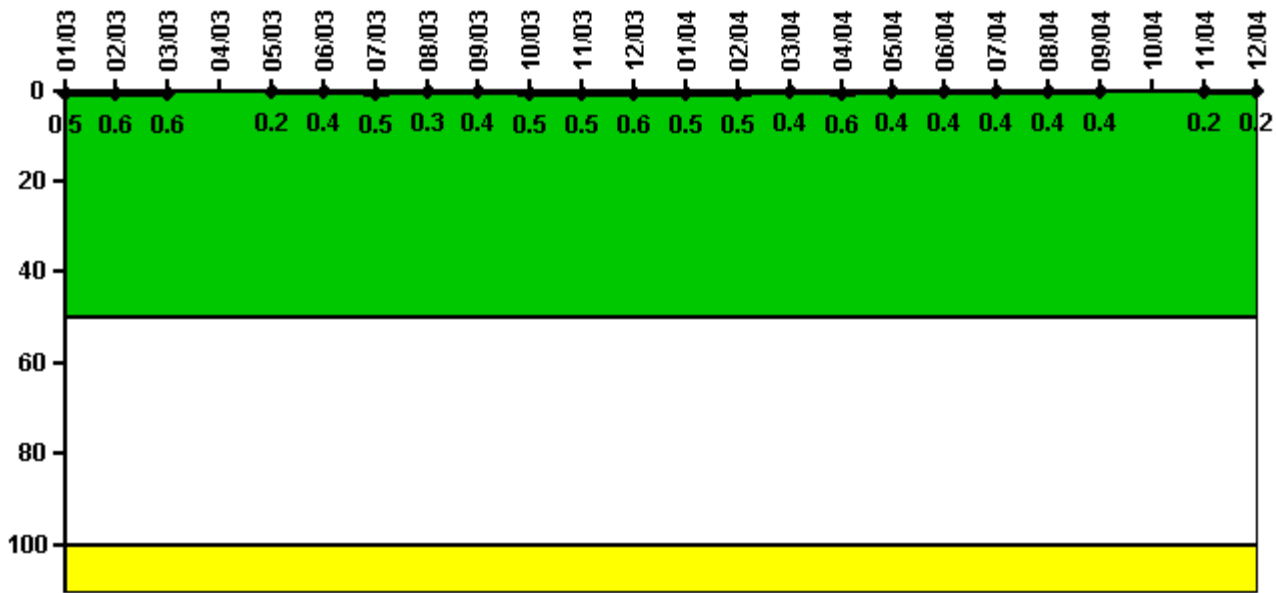
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

Notes

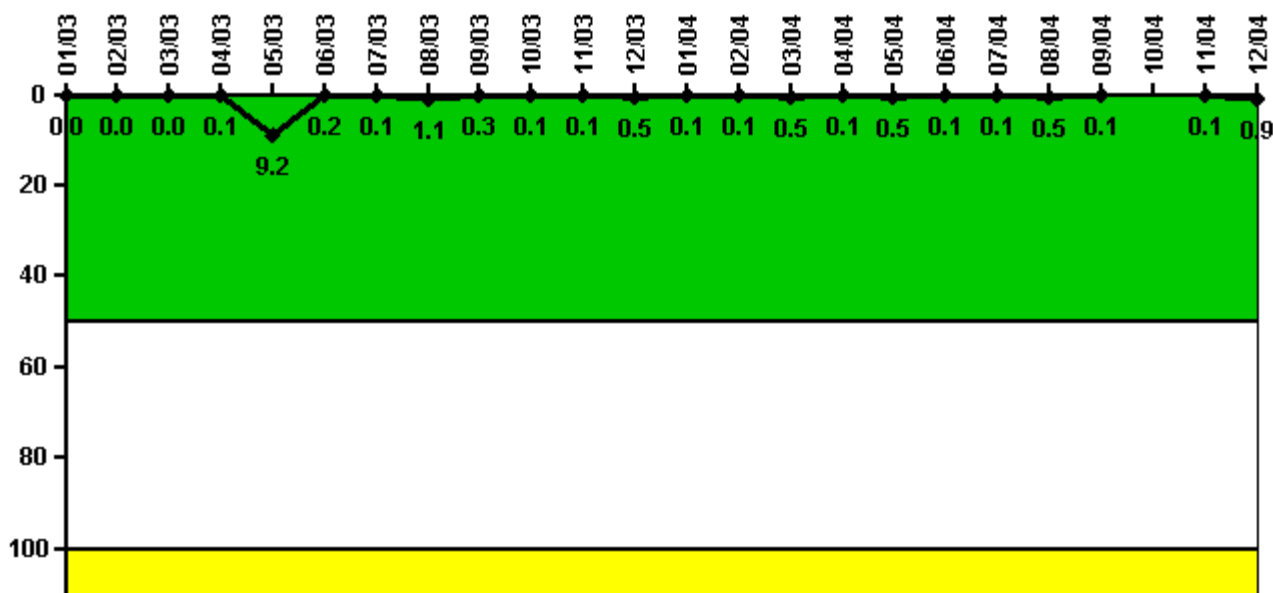
Reactor Coolant System Activity	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03
Maximum activity	0.002593	0.002833	0.002807	N/A	0.001185	0.002150	0.002310	0.001570	0.002002	0.002449	0.002735	0.002806
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.5	0.6	0.6	N/A	0.2	0.4	0.5	0.3	0.4	0.5	0.5	0.6

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	0.002376	0.002283	0.002167	0.002815	0.002128	0.001935	0.001817	0.001885	0.001885	N/A	0.000922	0.000989
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.5	0.5	0.4	0.6	0.4	0.4	0.4	0.4	0.4	N/A	0.2	0.2

Licensee Comments:

12/04: NA for October due to refueling outage.

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

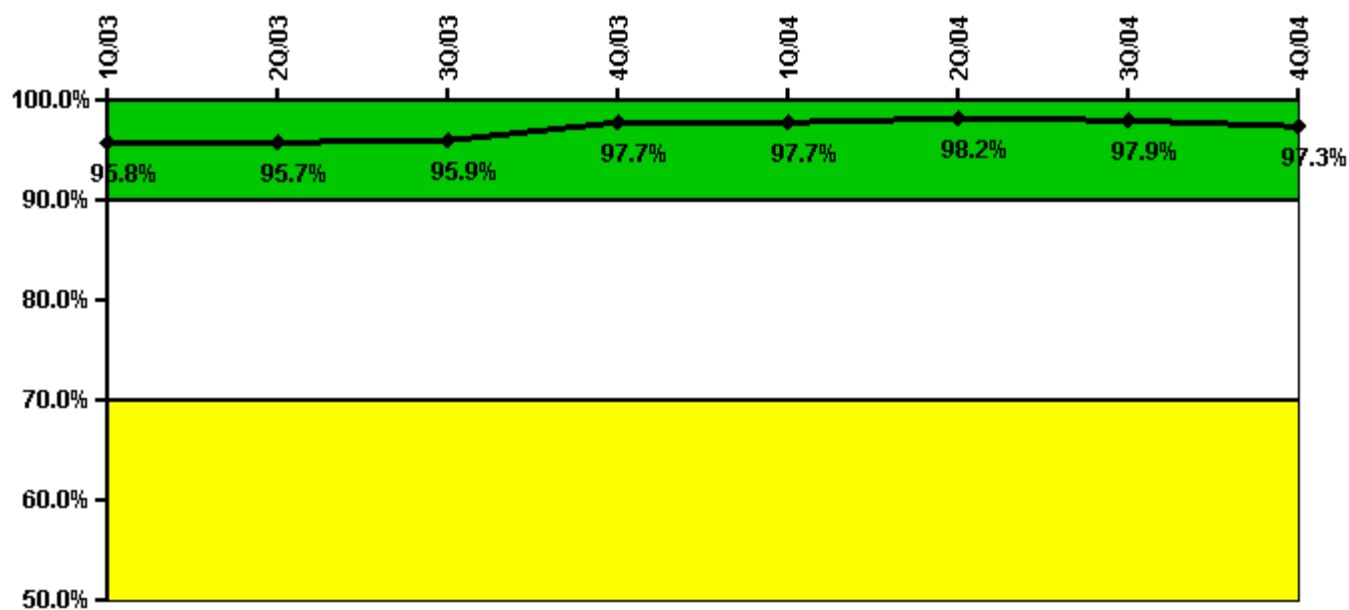
Notes

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	0	0	0.008	0.917	0.015	0.010	0.109	0.027	0.009	0.009	0.053
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0	0	0.1	9.2	0.2	0.1	1.1	0.3	0.1	0.1	0.5
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	0.009	0.009	0.048	0.009	0.051	0.009	0.012	0.048	0.010	N/A	0.010	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	0.1	0.1	0.5	0.1	0.5	0.1	0.1	0.5	0.1	N/A	0.1	0.9

Licensee Comments:

12/04: NA for October due to refueling outage.

Drill/Exercise Performance



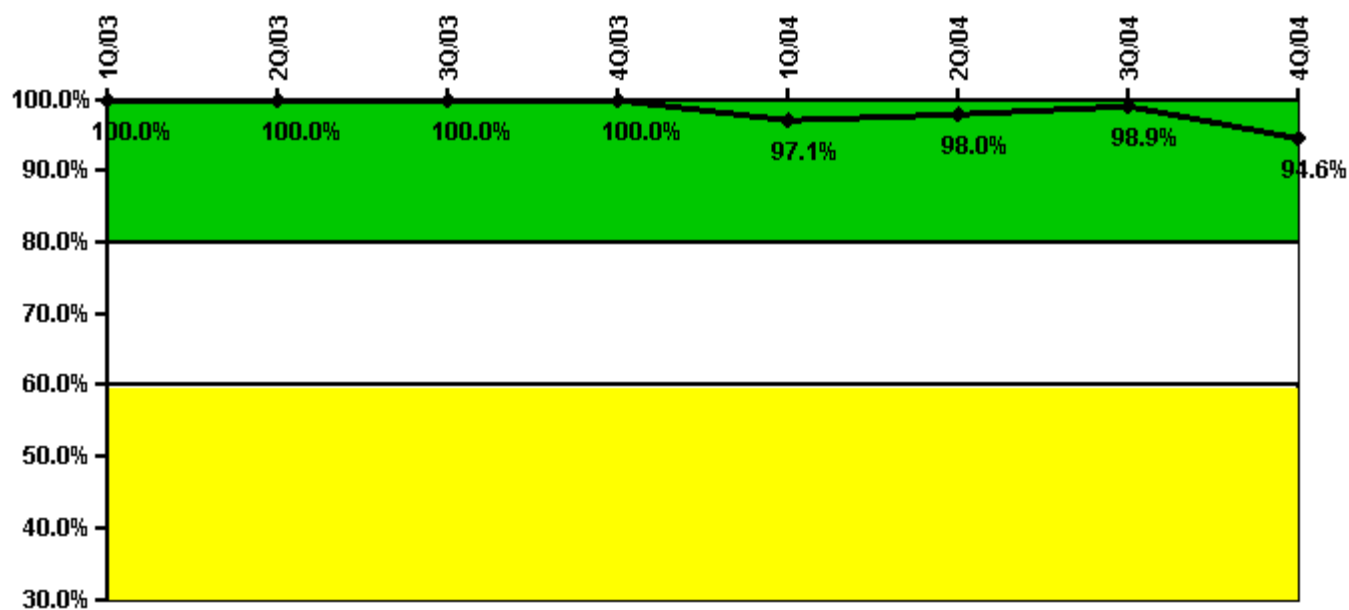
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Successful opportunities	8.0	8.0	33.0	102.0	0	2.0	71.0	32.0
Total opportunities	8.0	8.0	34.0	103.0	0	2.0	74.0	34.0
Indicator value	95.8%	95.7%	95.9%	97.7%	97.7%	98.2%	97.9%	97.3%

Licensee Comments: none

ERO Drill Participation



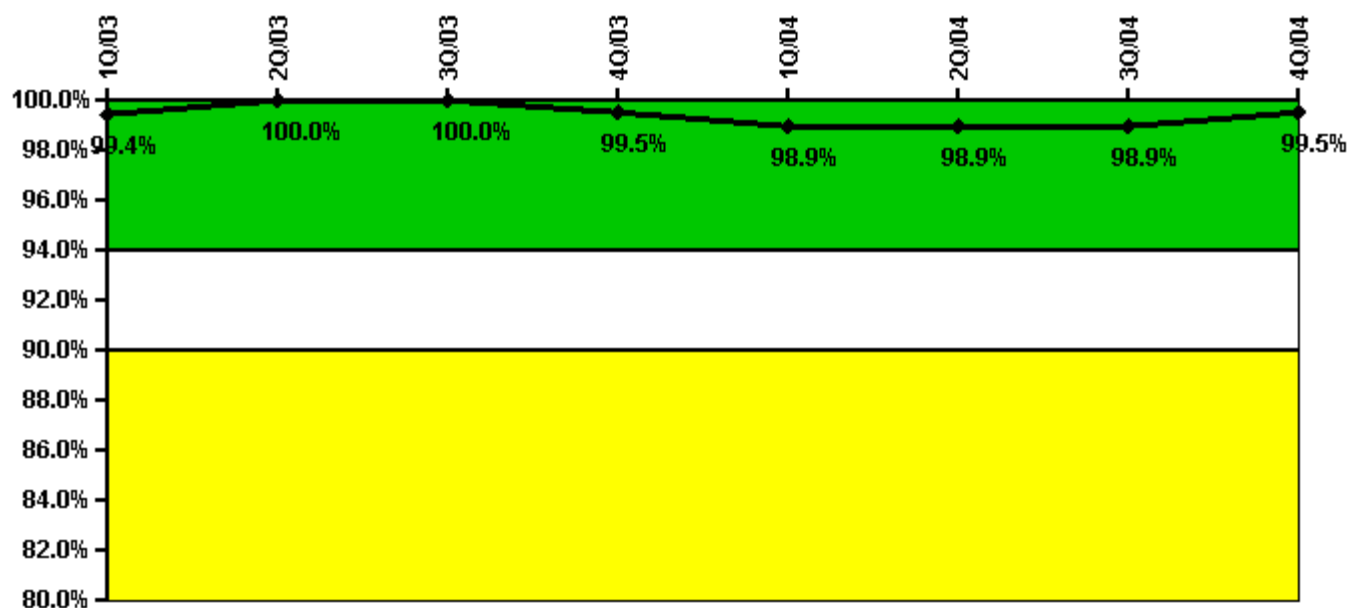
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Participating Key personnel	102.0	101.0	100.0	108.0	100.0	97.0	89.0	87.0
Total Key personnel	102.0	101.0	100.0	108.0	103.0	99.0	90.0	92.0
Indicator value	100.0%	100.0%	100.0%	100.0%	97.1%	98.0%	98.9%	94.6%

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	48	45	45	47	47	45	45	51
Total sirens-tests	48	45	45	48	48	45	45	51
Indicator value	99.4%	100.0%	100.0%	99.5%	98.9%	98.9%	98.9%	99.5%

Licensee Comments: none

Occupational Exposure Control Effectiveness

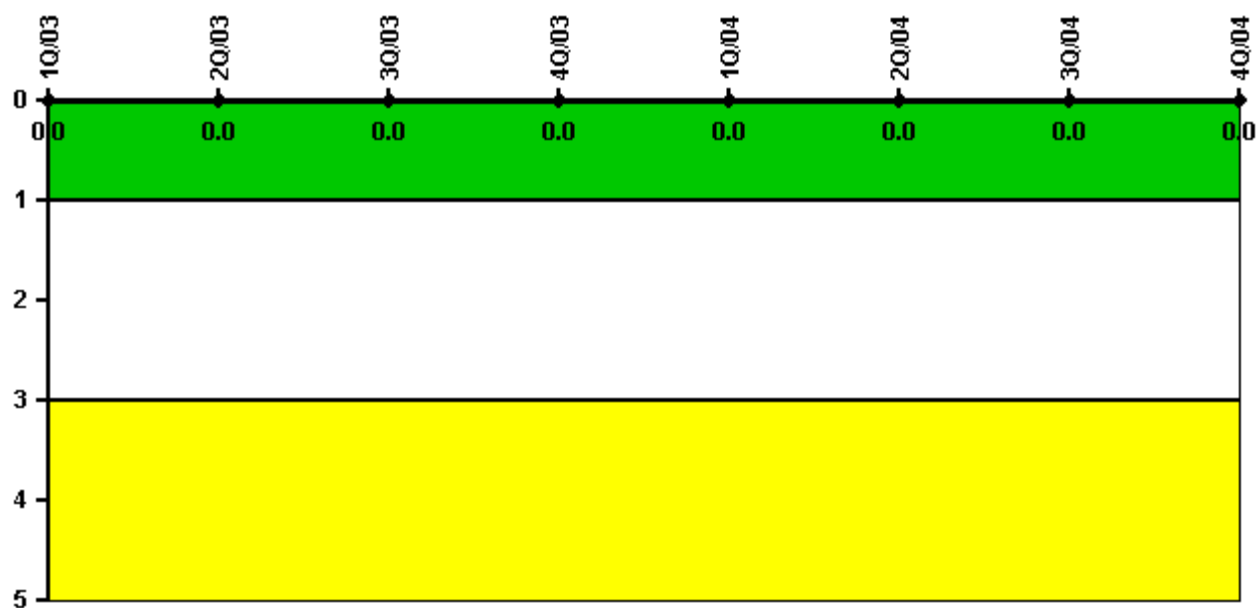


Thresholds: White > 2.0 Yellow > 5.0

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](#)

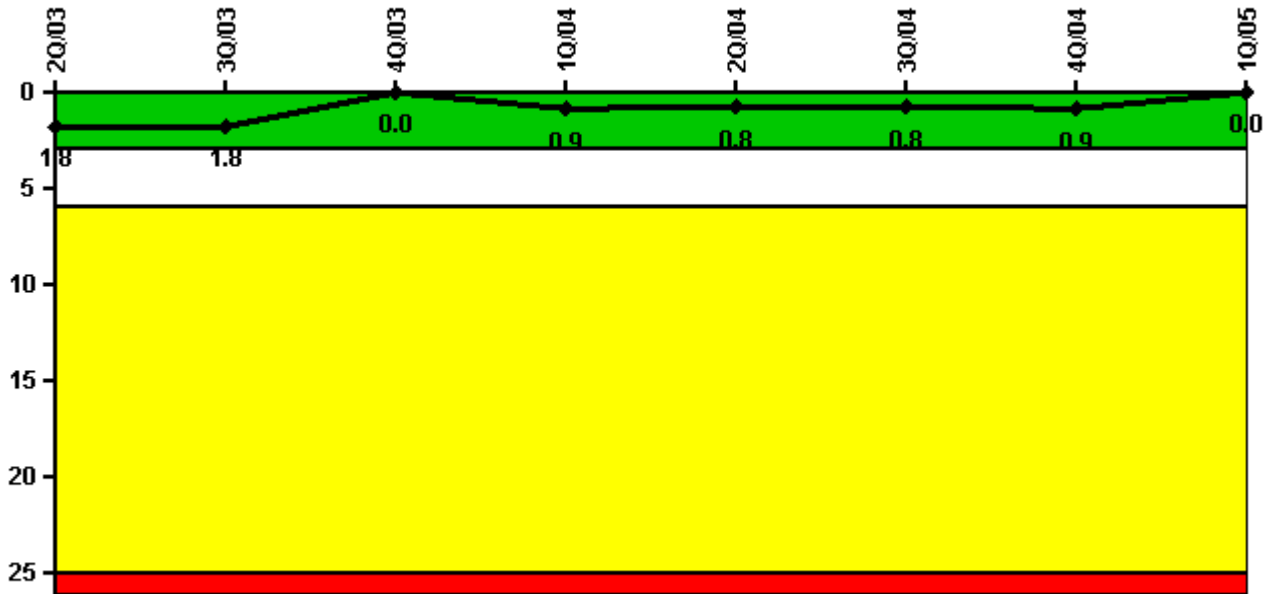
Last Modified: March 9, 2005

Farley 1

1Q/2005 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



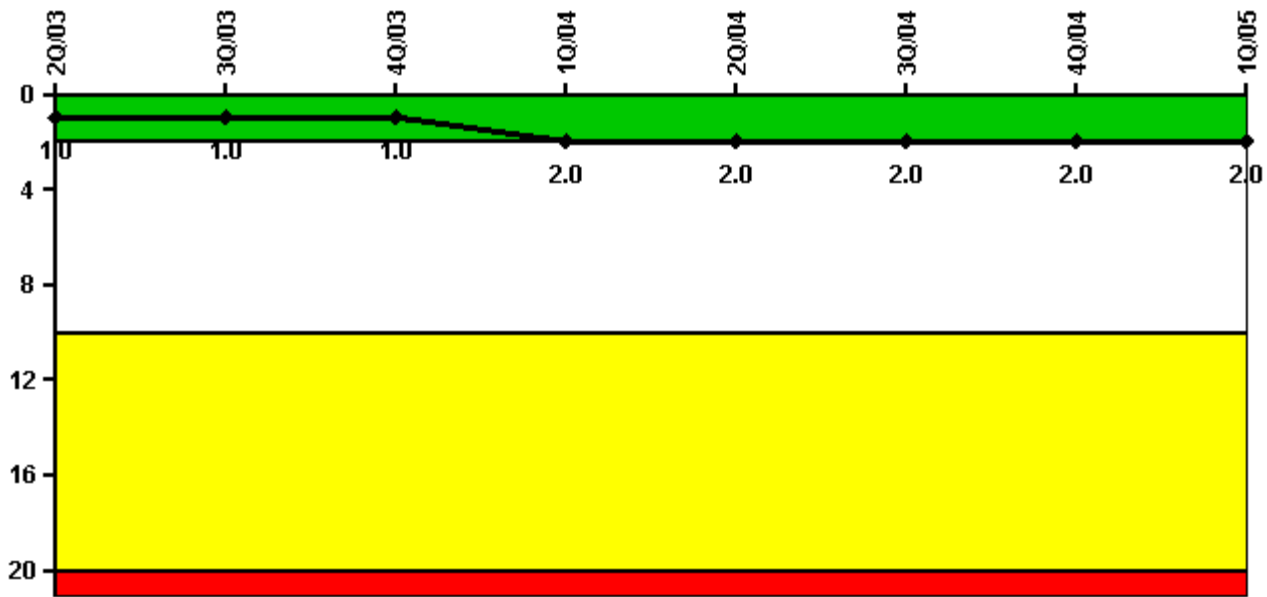
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Unplanned scrams	0	0	0	1.0	0	0	0	0
Critical hours	1468.7	2208.0	2209.0	2159.4	2183.0	2208.0	1160.8	2160.0
Indicator value	1.8	1.8	0	0.9	0.8	0.8	0.9	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



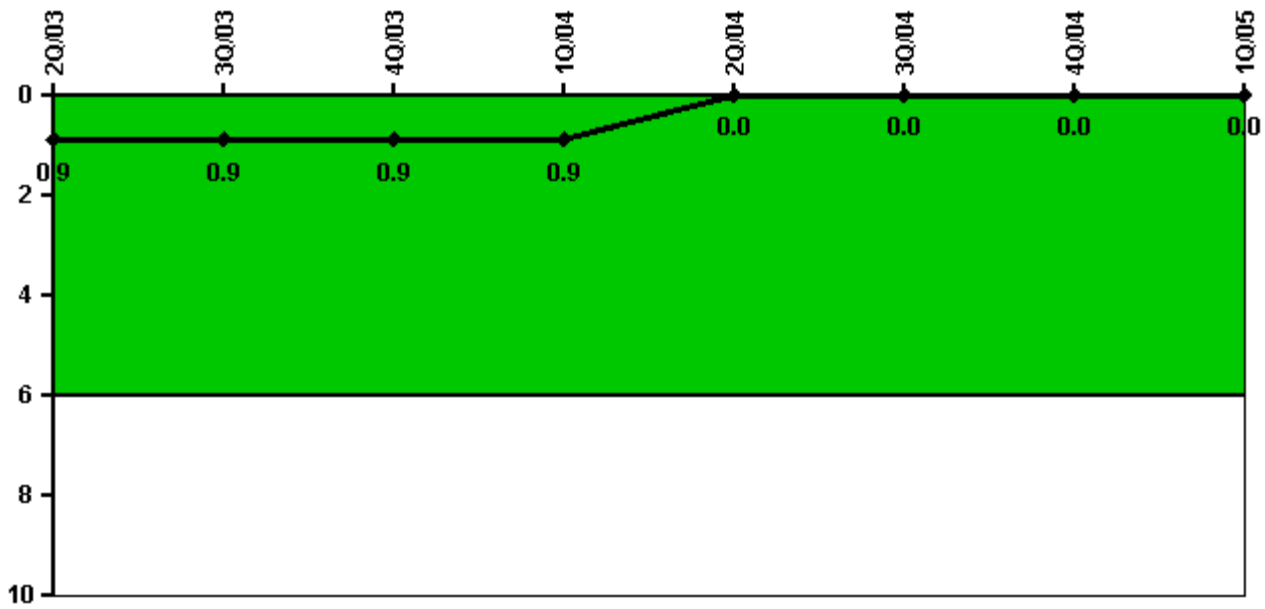
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



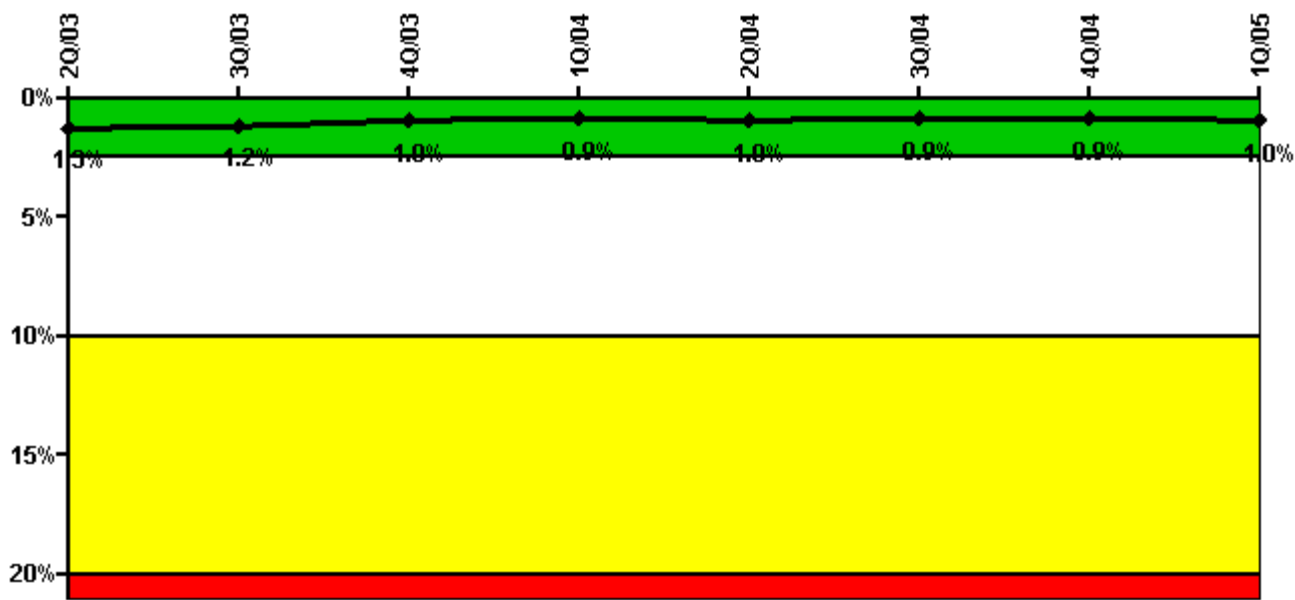
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Unplanned power changes	1.0	0	0	0	0	0	0	0
Critical hours	1468.7	2208.0	2209.0	2159.4	2183.0	2208.0	1160.8	2160.0
Indicator value	0.9	0.9	0.9	0.9	0	0	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



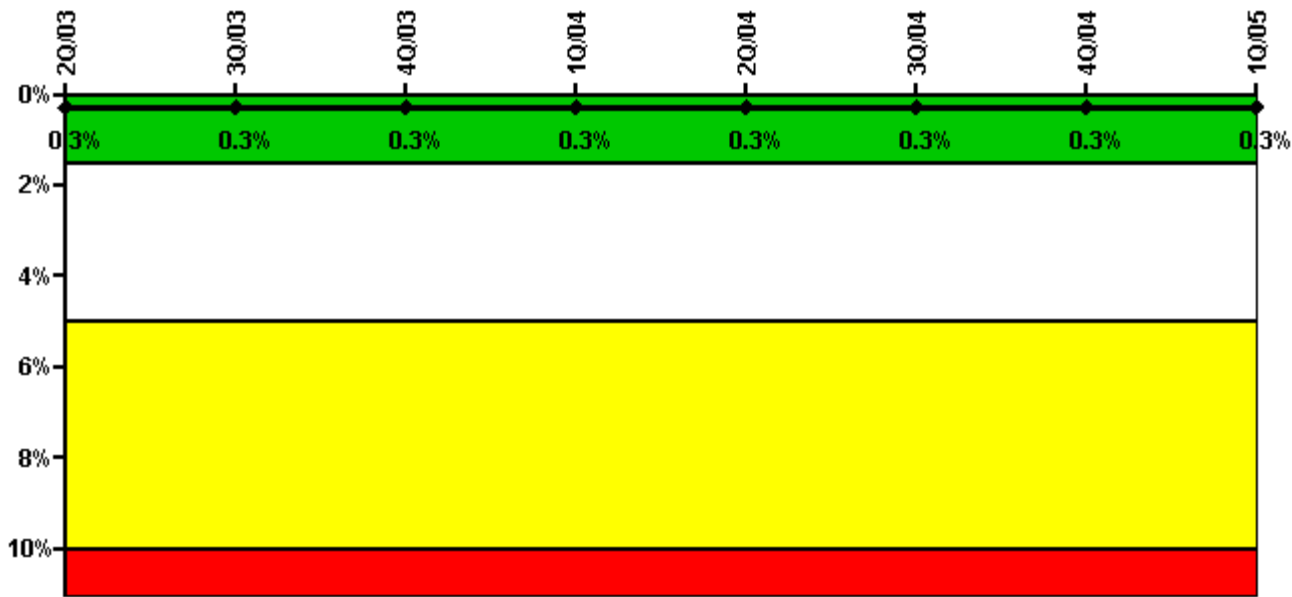
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	125.40	26.10	29.70	0	44.00	2.60	2.70	4.30
Unplanned unavailable hours	1.40	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	0.30	30.20	0	3.00	0.30	30.10	0	26.10
Unplanned unavailable hours	0	0	0	0	0	0	0	14.00
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Train 3								
Planned unavailable hours	7.40	10.20	3.90	99.10	40.50	34.00	3.20	12.20
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	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Indicator value	1.3%	1.2%	1.0%	0.9%	1.0%	0.9%	0.9%	1.0%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



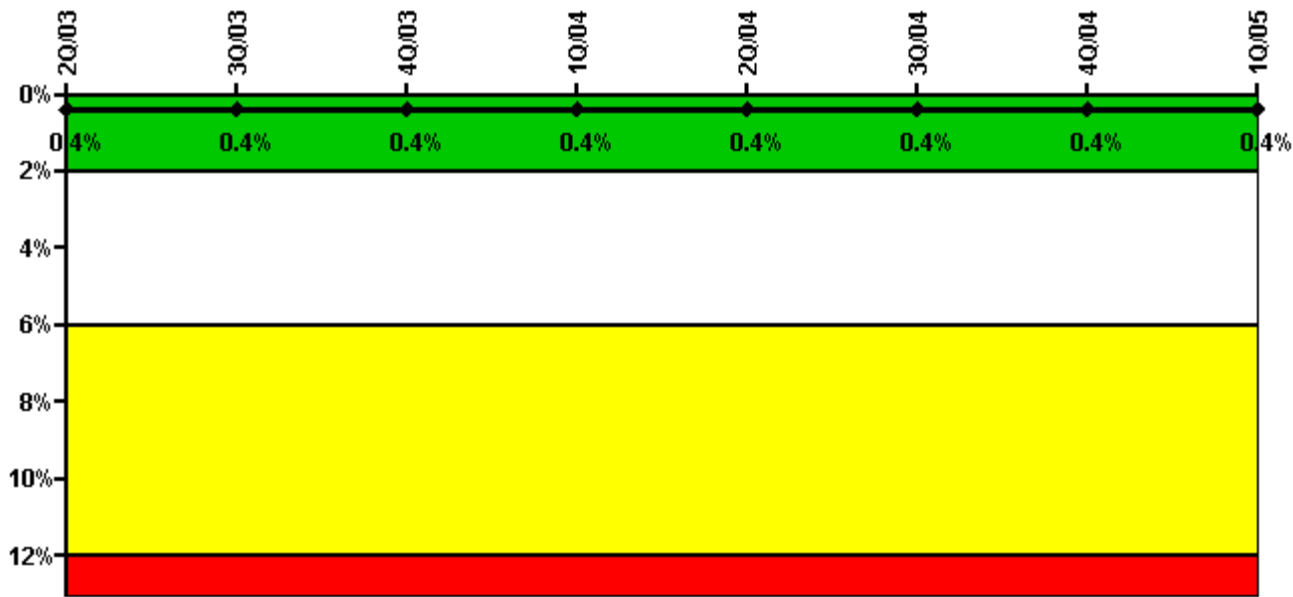
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

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	2.00	4.20	3.70	5.10	1.90	7.10	2.50	2.70
Unplanned unavailable hours	0	3.80	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	1468.73	2208.00	2209.00	2159.37	2183.00	2208.00	1160.84	2160.00
Train 2								
Planned unavailable hours	2.30	6.00	4.40	3.60	6.60	9.90	2.90	4.90
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1468.73	2208.00	2209.00	2159.37	2183.00	2208.00	1160.84	2160.00
Indicator value	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



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

Notes

Safety System Unavailability, Heat Removal System (AFW)	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	2.70	9.90	5.10	10.00	3.20	5.30	2.80	11.40
Unplanned unavailable hours	0	3.80	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	1468.73	2208.00	2209.00	2159.37	2183.00	2208.00	1160.84	2160.00
Train 2								
Planned unavailable hours	2.30	7.90	4.40	5.80	8.10	3.50	2.90	5.50
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	1468.73	2208.00	2209.00	2159.37	2183.00	2208.00	1160.84	2160.00
Train 3								
Planned unavailable hours	40.00	3.40	7.10	27.50	1.90	16.40	3.20	50.60
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	1468.73	2208.00	2209.00	2159.37	2183.00	2208.00	1160.84	2160.00
Indicator value	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



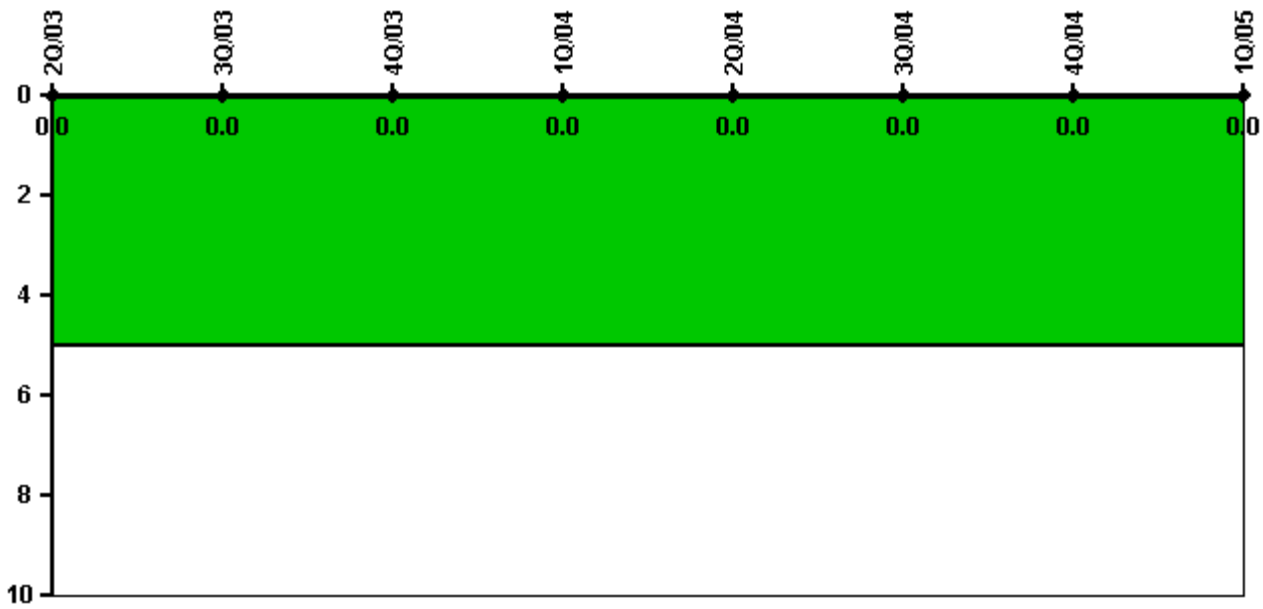
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	7.90	11.00	4.50	20.60	3.00	24.40	4.40	18.60
Unplanned unavailable hours	0	3.80	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	15.90	8.00	12.00	4.60	21.50	24.00	5.50	20.90
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Indicator value	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%

Licensee Comments: none

Safety System Functional Failures (PWR)



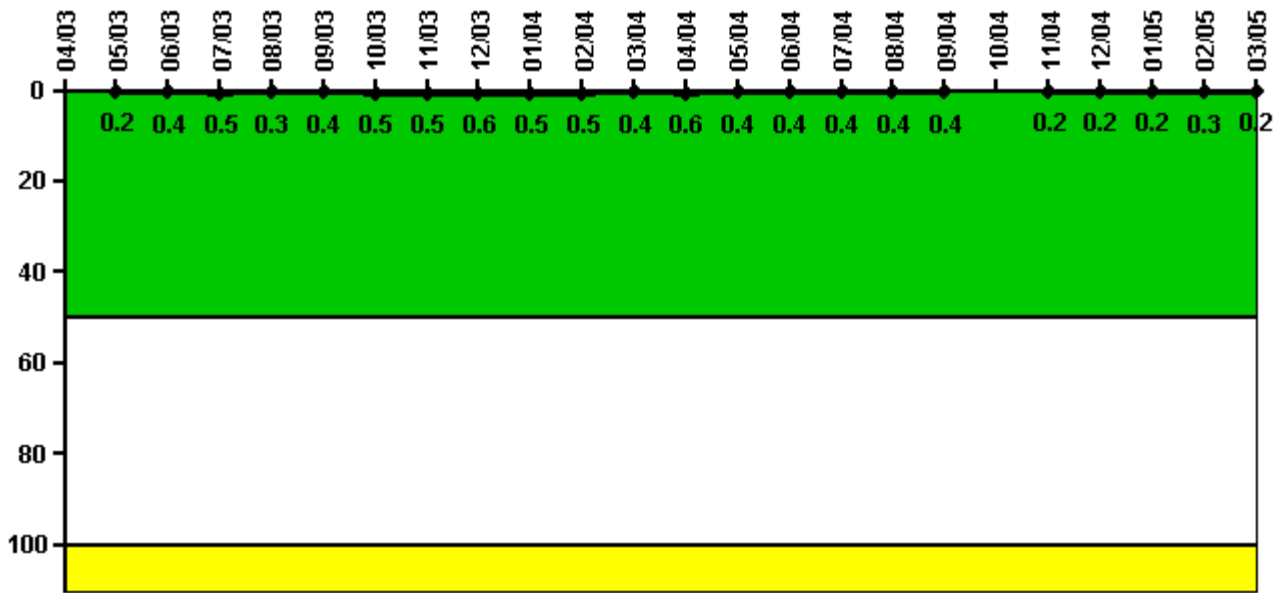
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

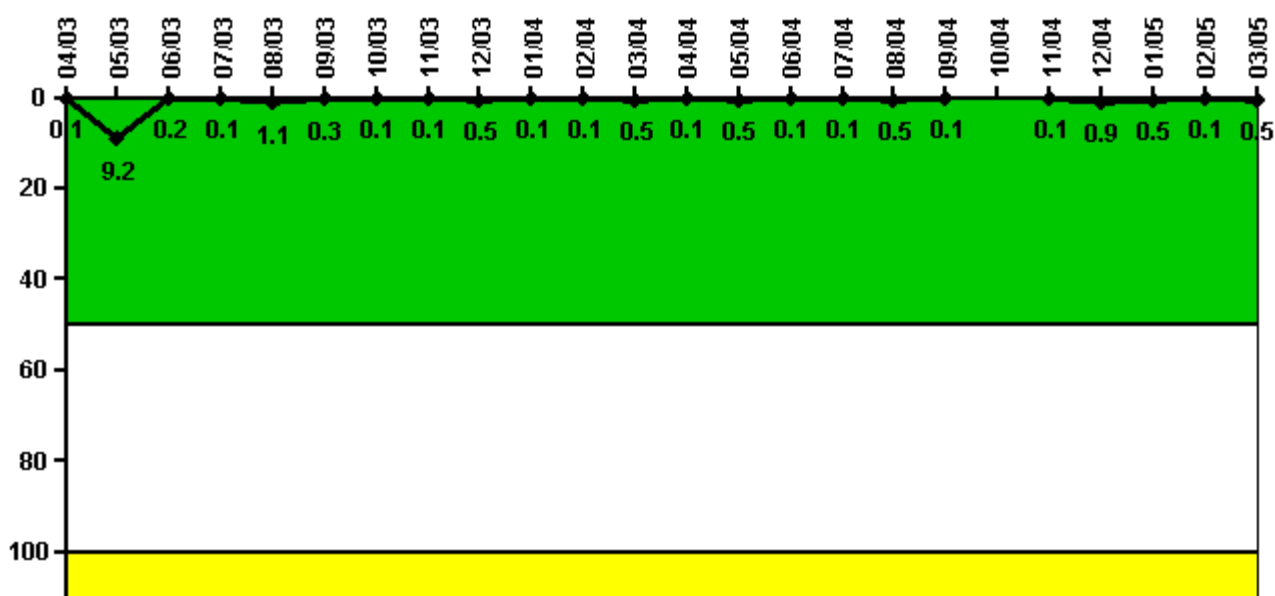
Notes

Reactor Coolant System Activity	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04
Maximum activity	N/A	0.001185	0.002150	0.002310	0.001570	0.002002	0.002449	0.002735	0.002806	0.002376	0.002283	0.002167
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	N/A	0.2	0.4	0.5	0.3	0.4	0.5	0.5	0.6	0.5	0.5	0.4

Reactor Coolant System Activity	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05
Maximum activity	0.002815	0.002128	0.001935	0.001817	0.001885	0.001885	N/A	0.000922	0.000989	0.001074	0.001336	0.000968
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.6	0.4	0.4	0.4	0.4	0.4	N/A	0.2	0.2	0.2	0.3	0.2

Licensee Comments: none

Reactor Coolant System Leakage



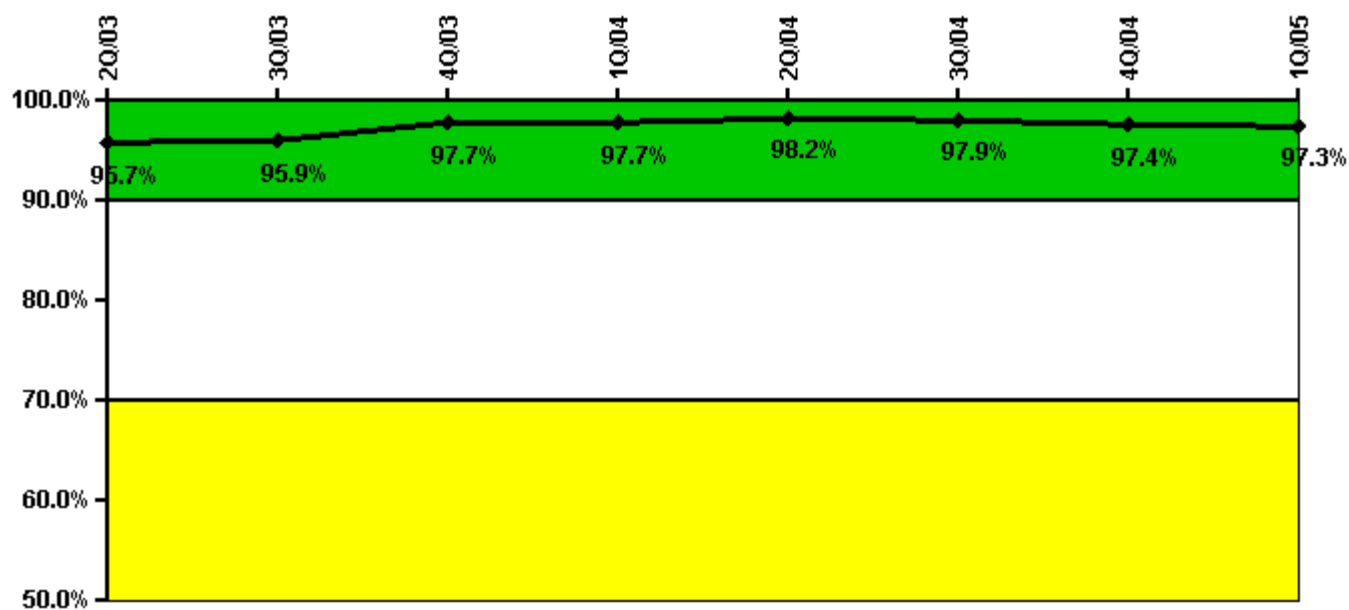
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04
Maximum leakage	0.008	0.917	0.015	0.010	0.109	0.027	0.009	0.009	0.053	0.009	0.009	0.048
Technical specification limit	10.0	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	9.2	0.2	0.1	1.1	0.3	0.1	0.1	0.5	0.1	0.1	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	0.009	0.051	0.009	0.012	0.048	0.010	N/A	0.010	0.090	0.050	0.010	0.050
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.5	0.1	0.1	0.5	0.1	N/A	0.1	0.9	0.5	0.1	0.5

Licensee Comments: none

Drill/Exercise Performance



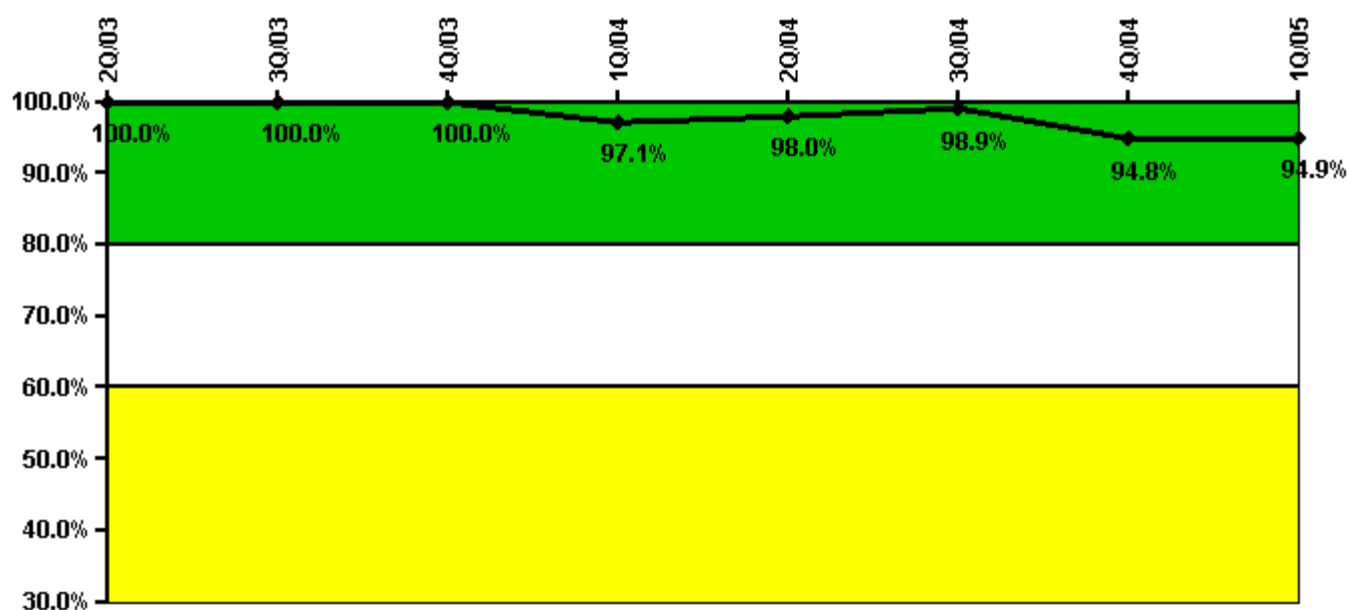
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Successful opportunities	8.0	33.0	102.0	0	2.0	71.0	34.0	0
Total opportunities	8.0	34.0	103.0	0	2.0	74.0	36.0	0
Indicator value	95.7%	95.9%	97.7%	97.7%	98.2%	97.9%	97.4%	97.3%

Licensee Comments: none

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

Notes

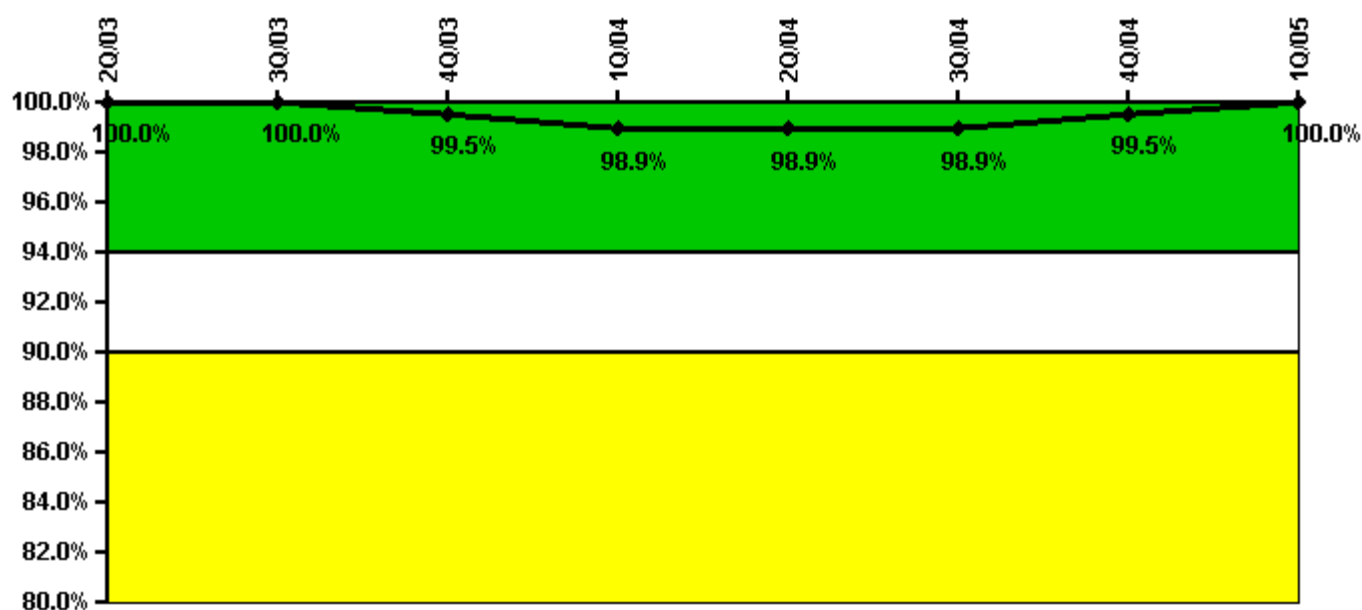
ERO Drill Participation	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Participating Key personnel	101.0	100.0	108.0	100.0	97.0	91.0	91.0	93.0
Total Key personnel	101.0	100.0	108.0	103.0	99.0	92.0	96.0	98.0
Indicator value	100.0%	100.0%	100.0%	97.1%	98.0%	98.9%	94.8%	94.9%

Licensee Comments:

4Q/04: September through December 2004 drill participation and exercise performance data slightly revised for individuals on special assignment/illness. Training and EP databases linkages enhanced to ensure proper tracking. Color unaffected.

3Q/04: September through December 2004 drill participation and exercise performance data slightly revised for individuals on special assignment/illness. Training and EP databases linkages enhanced to ensure proper tracking. Color unaffected.

Alert & Notification System



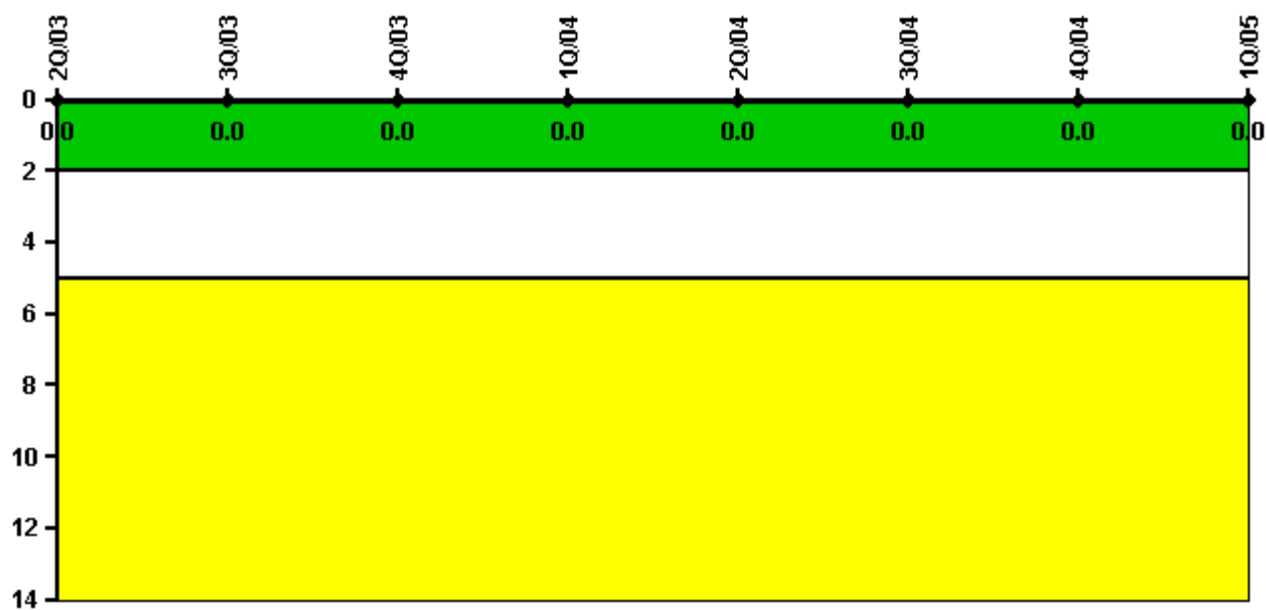
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Successful siren-tests	45	45	47	47	45	45	51	48
Total sirens-tests	45	45	48	48	45	45	51	48
Indicator value	100.0%	100.0%	99.5%	98.9%	98.9%	98.9%	99.5%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness

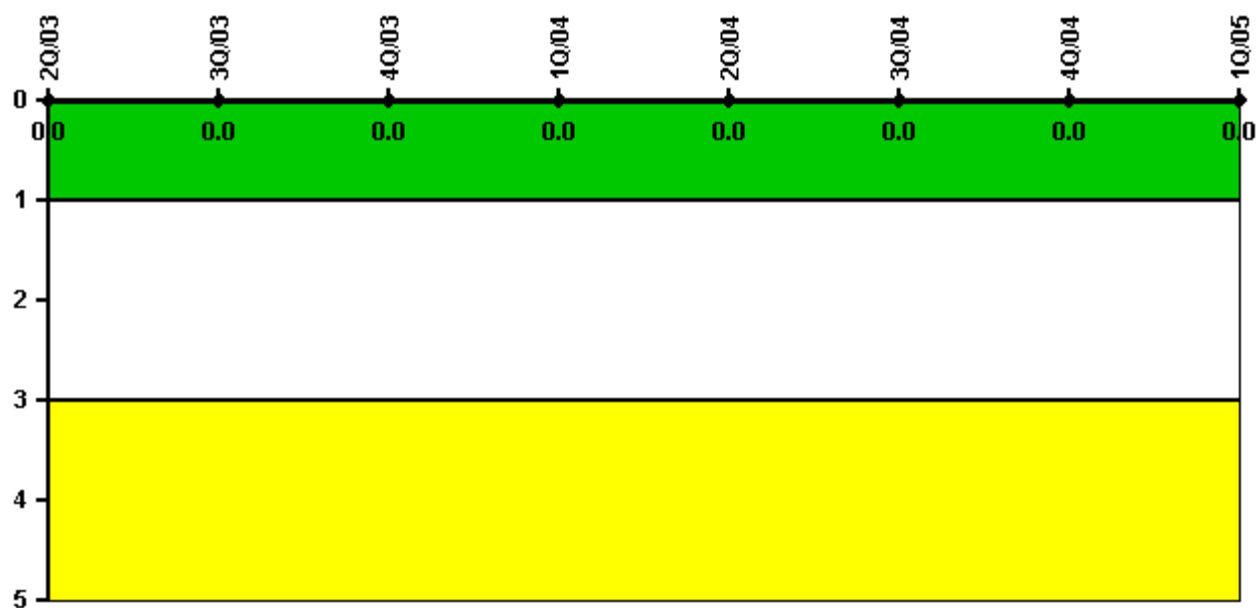


Thresholds: White > 2.0 Yellow > 5.0

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](#)

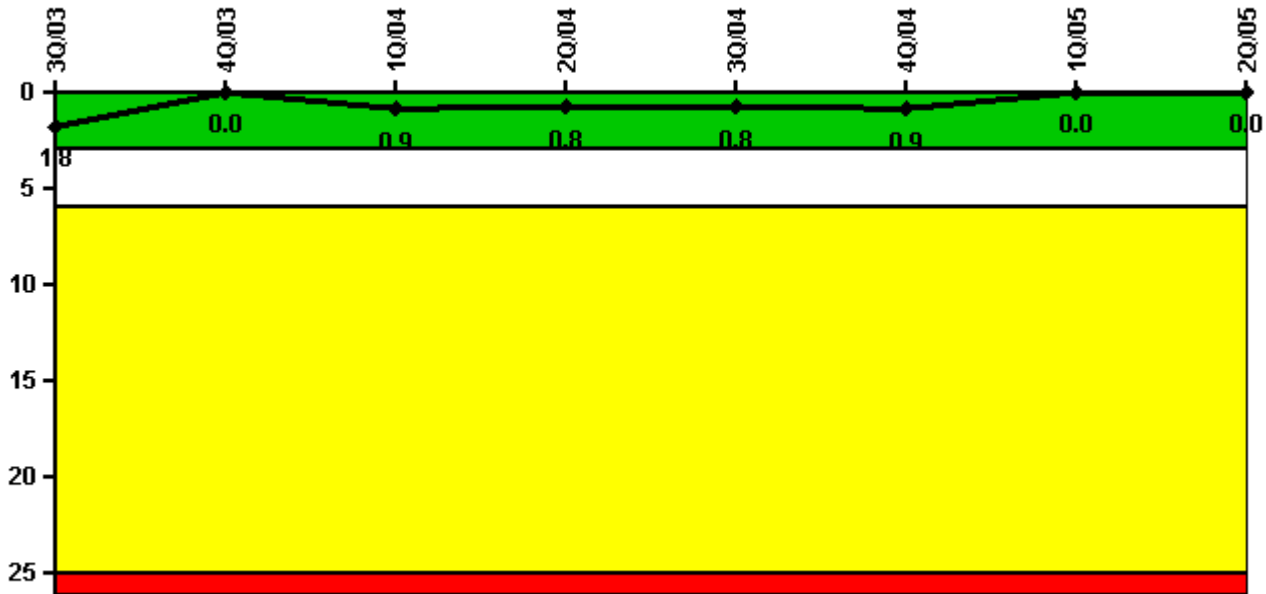
Last Modified: June 17, 2005

Farley 1

2Q/2005 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



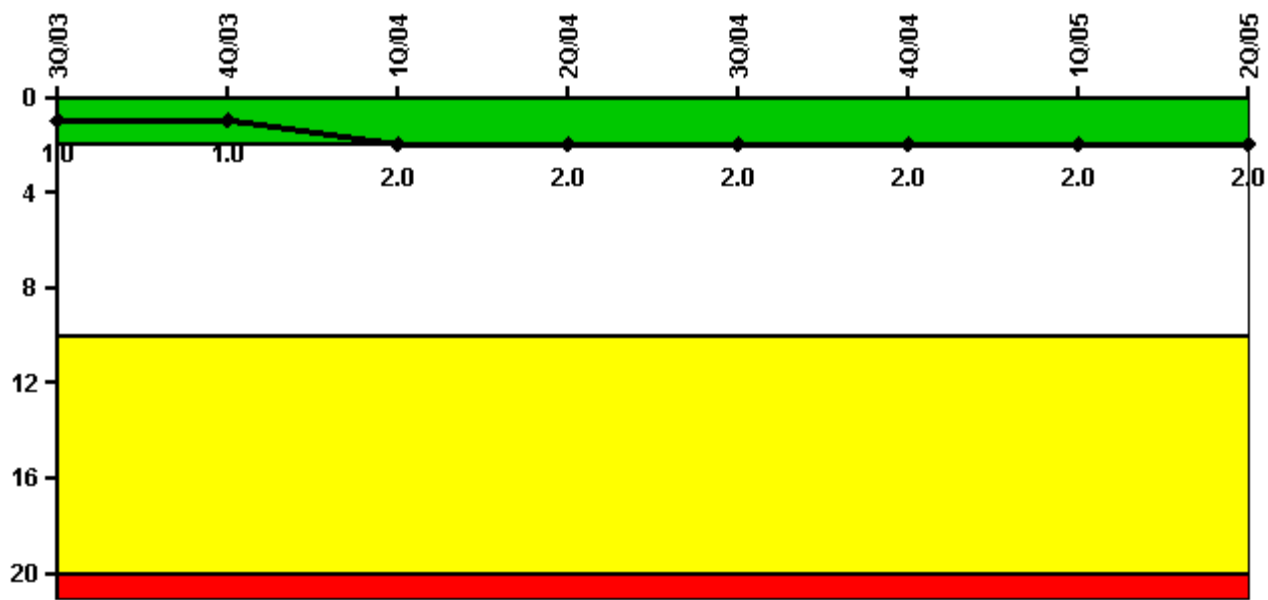
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Unplanned scrams	0	0	1.0	0	0	0	0	0
Critical hours	2208.0	2209.0	2159.4	2183.0	2208.0	1160.8	2160.0	2148.3
Indicator value	1.8	0	0.9	0.8	0.8	0.9	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



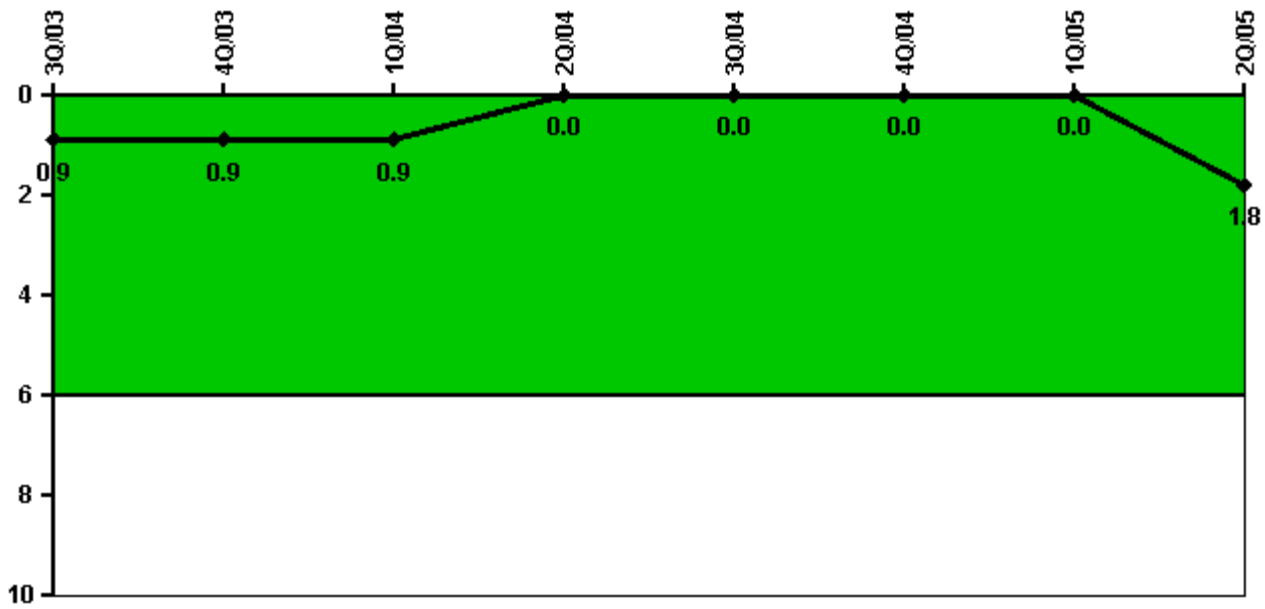
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



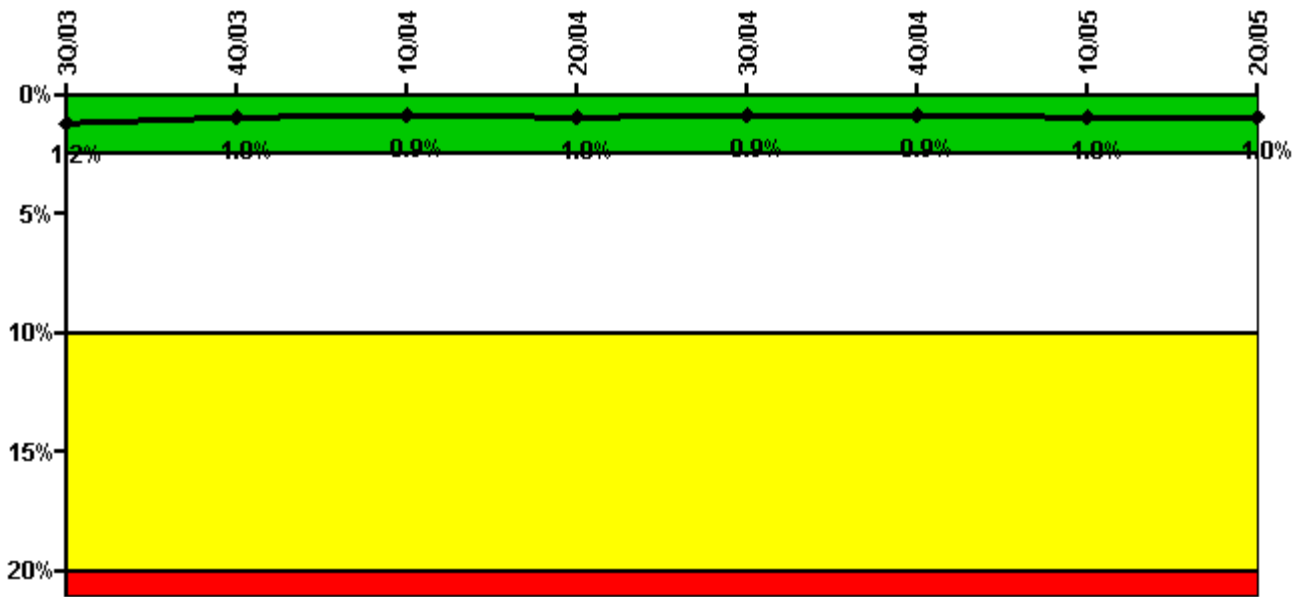
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Unplanned power changes	0	0	0	0	0	0	0	2.0
Critical hours	2208.0	2209.0	2159.4	2183.0	2208.0	1160.8	2160.0	2148.3
Indicator value	0.9	0.9	0.9	0	0	0	0	1.8

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



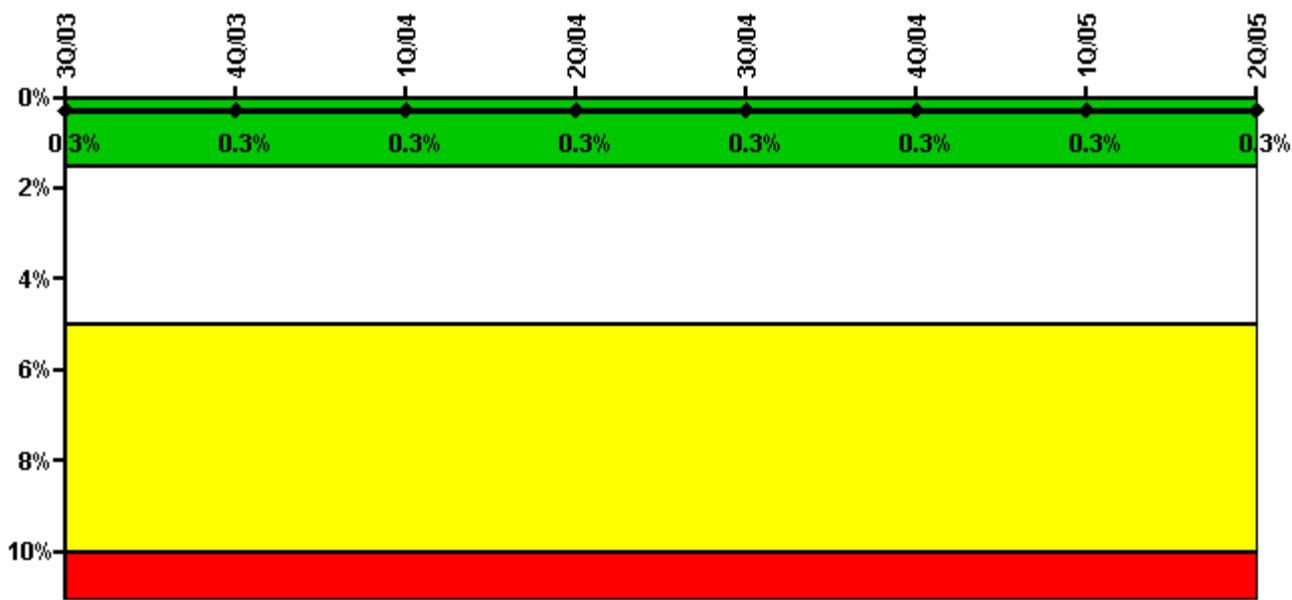
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	26.10	29.70	0	44.00	2.60	2.70	4.30	48.30
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	30.20	0	3.00	0.30	30.10	0	26.10	1.70
Unplanned unavailable hours	0	0	0	0	0	0	14.00	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	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 3								
Planned unavailable hours	10.20	3.90	99.10	40.50	34.00	3.20	12.20	44.20
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	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	1.2%	1.0%	0.9%	1.0%	0.9%	0.9%	1.0%	1.0%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



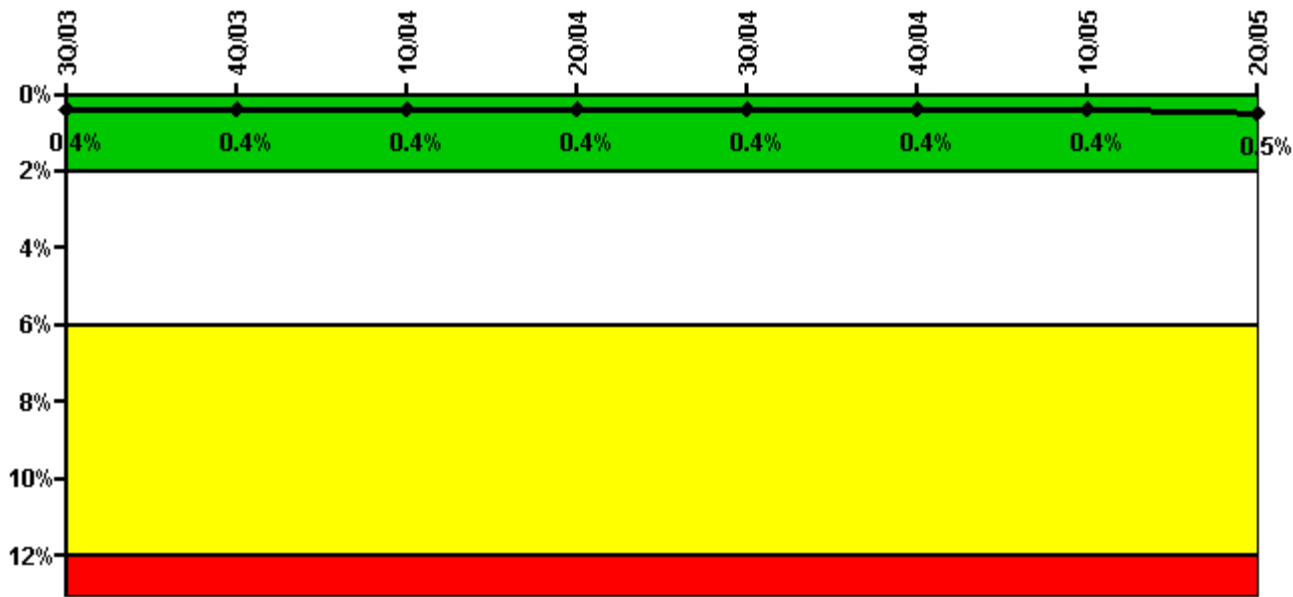
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	4.20	3.70	5.10	1.90	7.10	2.50	2.70	7.00
Unplanned unavailable hours	3.80	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	2159.37	2183.00	2208.00	1160.84	2160.00	2148.32
Train 2								
Planned unavailable hours	6.00	4.40	3.60	6.60	9.90	2.90	4.90	2.90
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	2208.00	2209.00	2159.37	2183.00	2208.00	1160.84	2160.00	2148.32
Indicator value	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



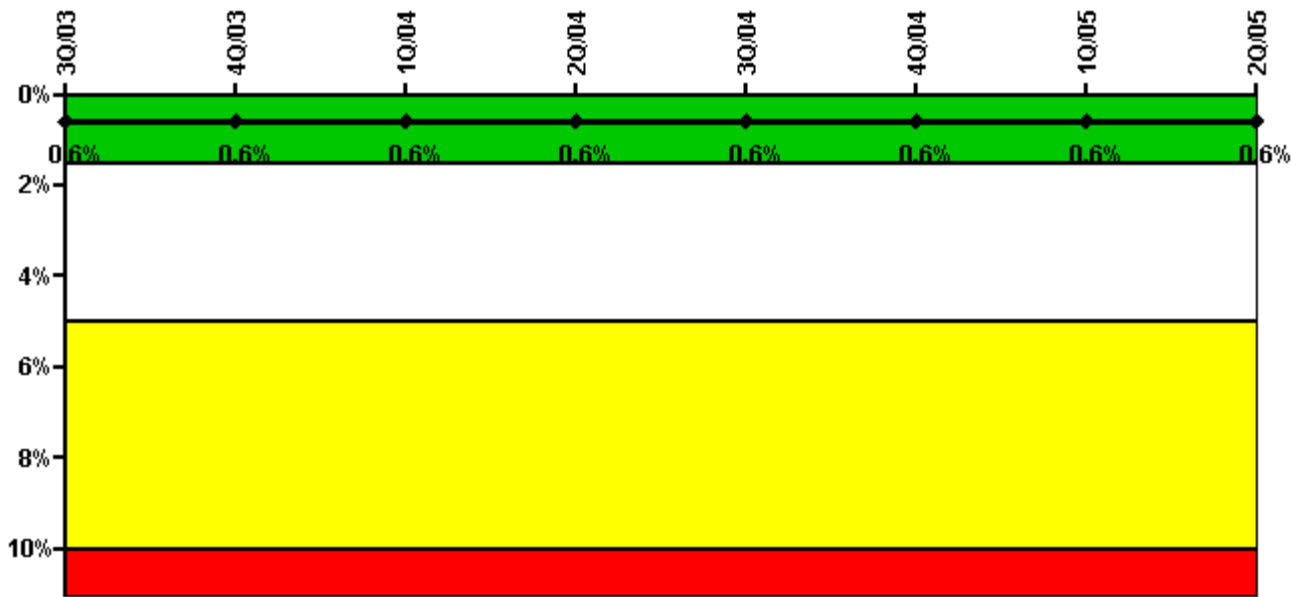
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	9.90	5.10	10.00	3.20	5.30	2.80	11.40	7.70
Unplanned unavailable hours	3.80	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	2208.00	2209.00	2159.37	2183.00	2208.00	1160.84	2160.00	2148.32
Train 2								
Planned unavailable hours	7.90	4.40	5.80	8.10	3.50	2.90	5.50	3.60
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	2208.00	2209.00	2159.37	2183.00	2208.00	1160.84	2160.00	2148.32
Train 3								
Planned unavailable hours	3.40	7.10	27.50	1.90	16.40	3.20	50.60	4.80
Unplanned unavailable hours	0	0	0	0	0	0	0	6.90
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2159.37	2183.00	2208.00	1160.84	2160.00	2148.32
Indicator value	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.5%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



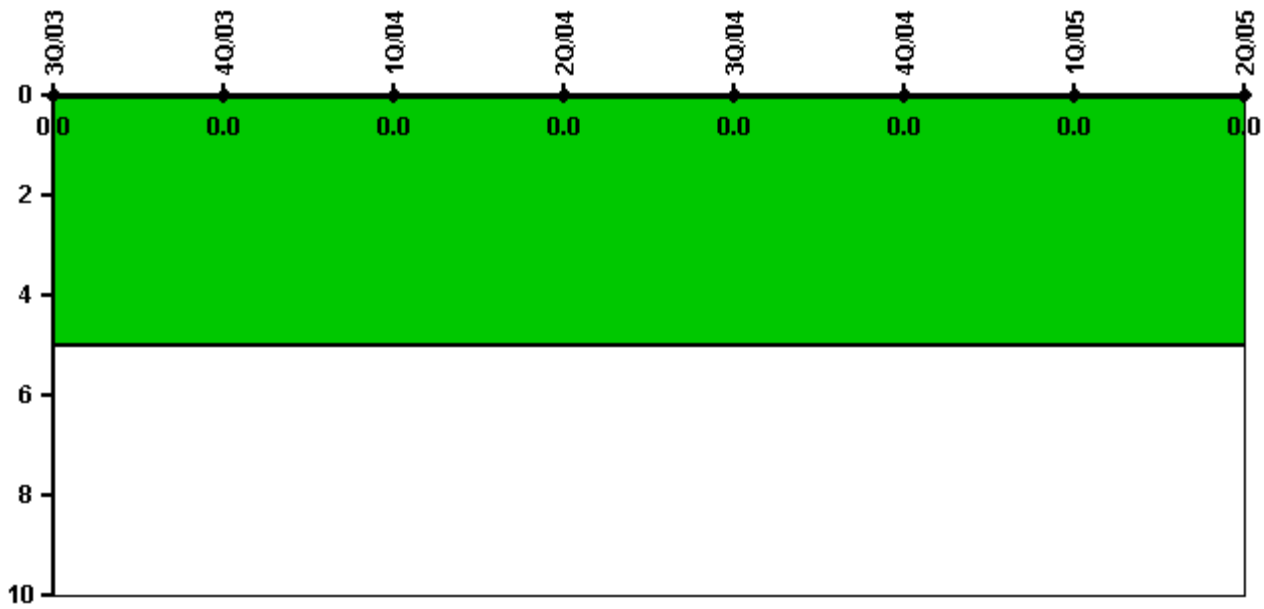
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	11.00	4.50	20.60	3.00	24.40	4.40	18.60	7.60
Unplanned unavailable hours	3.80	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	8.00	12.00	4.60	21.50	24.00	5.50	20.90	3.40
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%

Licensee Comments: none

Safety System Functional Failures (PWR)



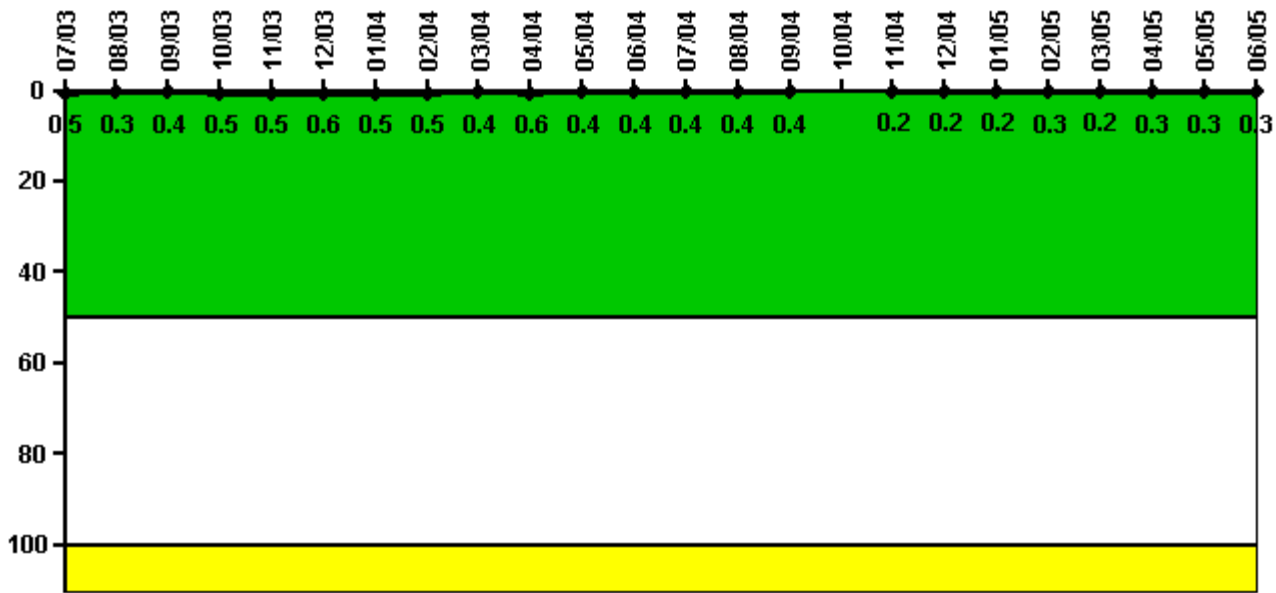
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



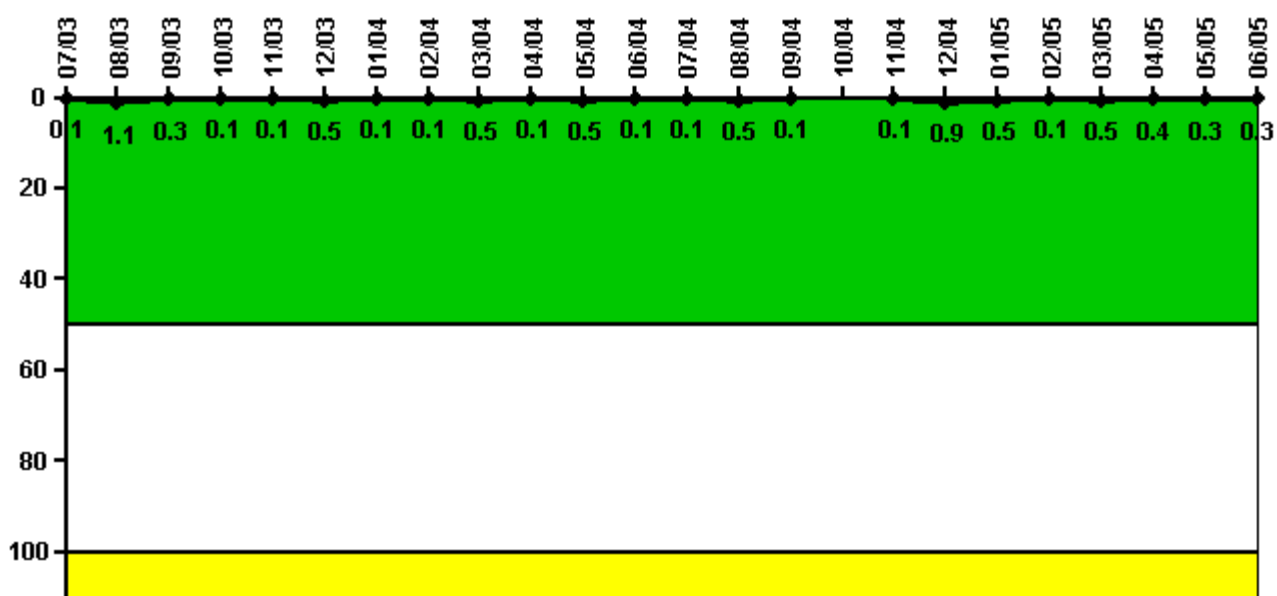
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04
Maximum activity	0.002310	0.001570	0.002002	0.002449	0.002735	0.002806	0.002376	0.002283	0.002167	0.002815	0.002128	0.001935
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.5	0.3	0.4	0.5	0.5	0.6	0.5	0.5	0.4	0.6	0.4	0.4
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	0.001817	0.001885	0.001885	N/A	0.000922	0.000989	0.001074	0.001336	0.000968	0.001354	0.001300	0.001349
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.4	0.4	0.4	N/A	0.2	0.2	0.2	0.3	0.2	0.3	0.3	0.3

Licensee Comments: none

Reactor Coolant System Leakage



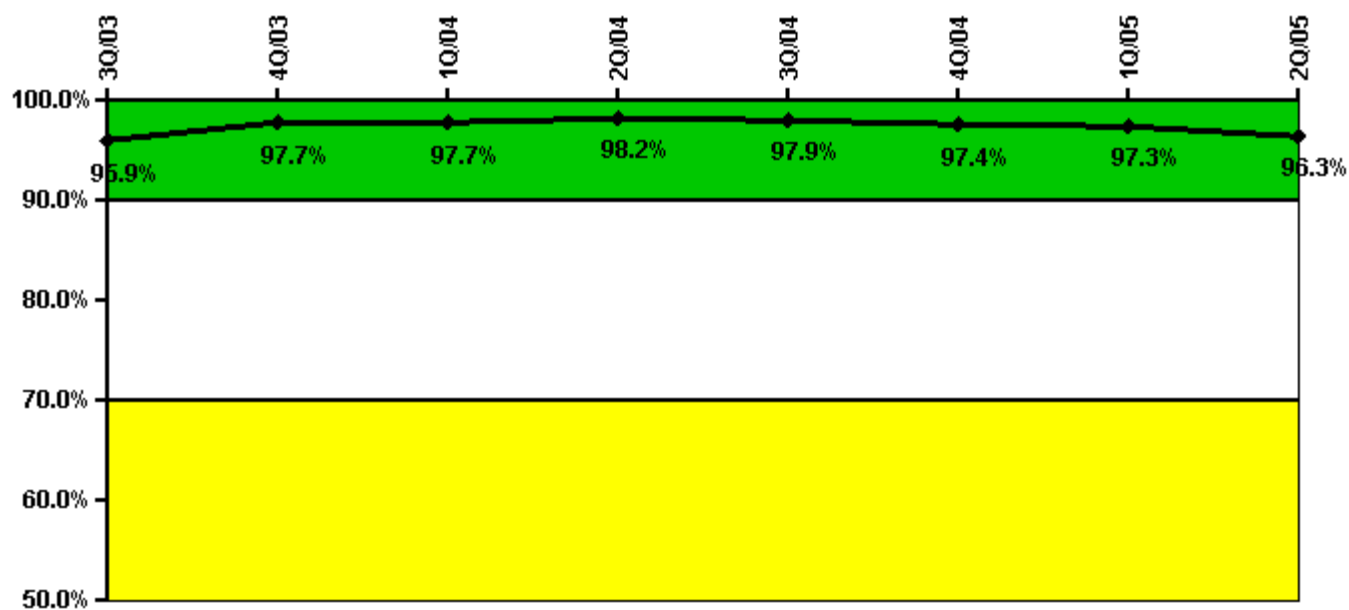
Thresholds: White > 50.0 Yellow > 100.0

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	0.010	0.109	0.027	0.009	0.009	0.053	0.009	0.009	0.048	0.009	0.051	0.009
Technical specification limit	10.0	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	1.1	0.3	0.1	0.1	0.5	0.1	0.1	0.5	0.1	0.5	0.1
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	0.012	0.048	0.010	N/A	0.010	0.090	0.050	0.010	0.050	0.040	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	0.1	0.5	0.1	N/A	0.1	0.9	0.5	0.1	0.5	0.4	0.3	0.3

Licensee Comments: none

Drill/Exercise Performance



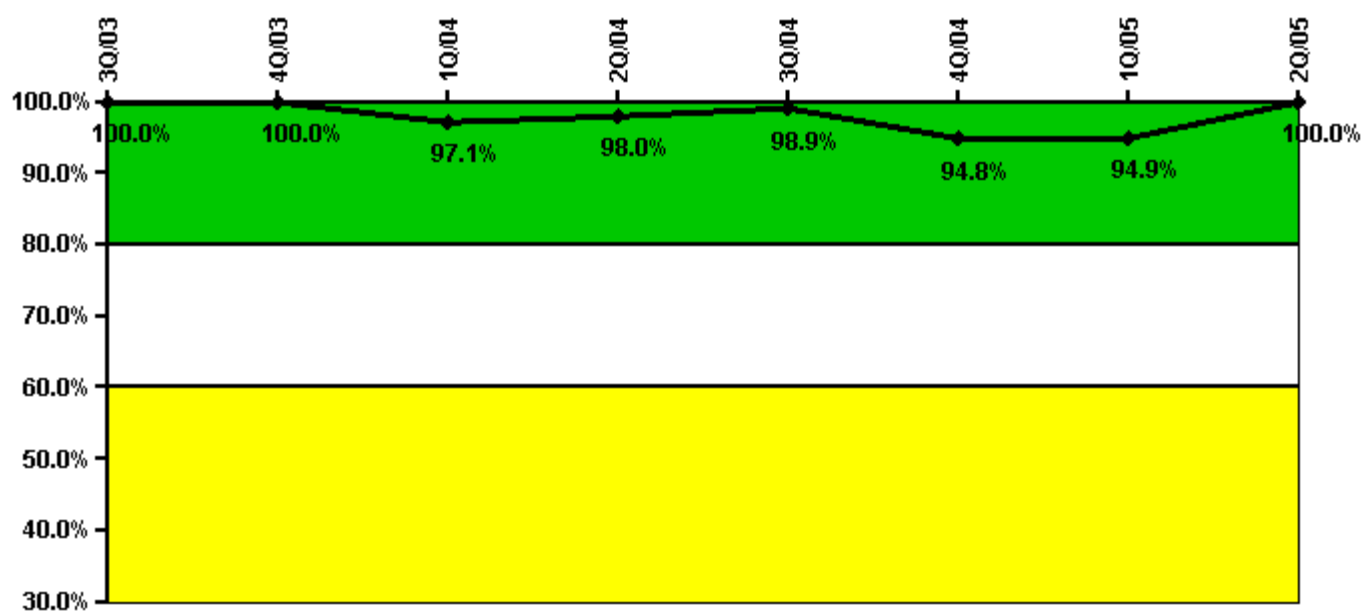
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Successful opportunities	33.0	102.0	0	2.0	71.0	34.0	0	67.0
Total opportunities	34.0	103.0	0	2.0	74.0	36.0	0	72.0
Indicator value	95.9%	97.7%	97.7%	98.2%	97.9%	97.4%	97.3%	96.3%

Licensee Comments: none

ERO Drill Participation



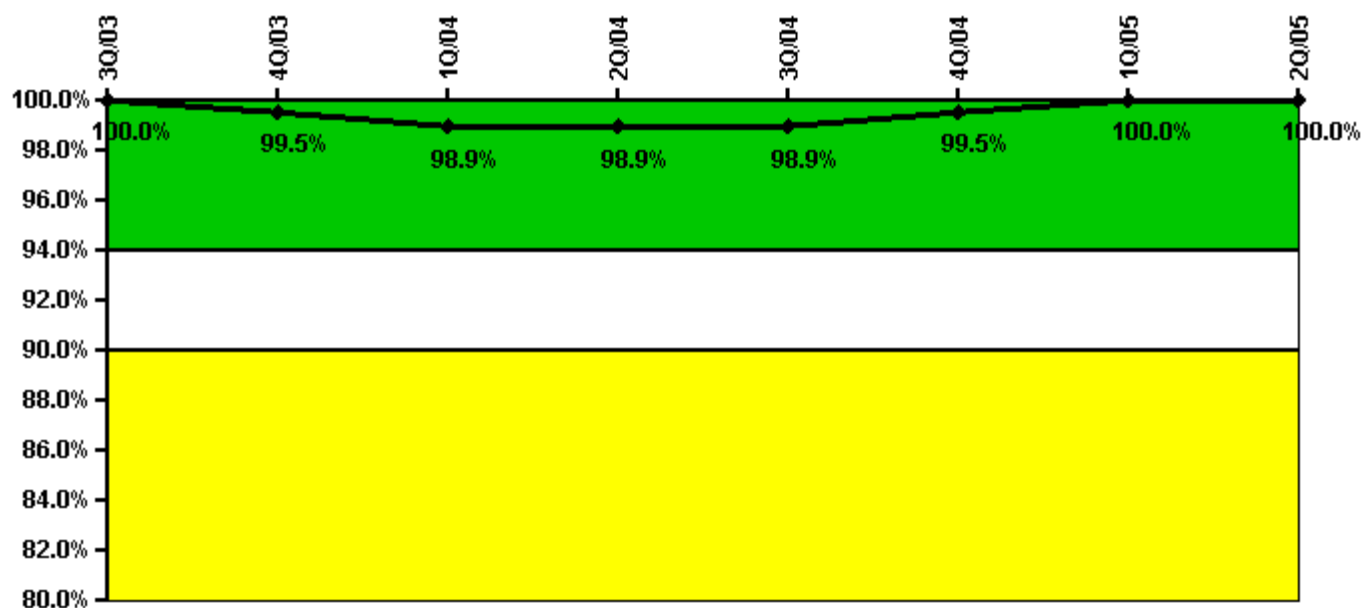
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Participating Key personnel	100.0	108.0	100.0	97.0	91.0	91.0	93.0	108.0
Total Key personnel	100.0	108.0	103.0	99.0	92.0	96.0	98.0	108.0
Indicator value	100.0%	100.0%	97.1%	98.0%	98.9%	94.8%	94.9%	100.0%

Licensee Comments: none

Alert & Notification System



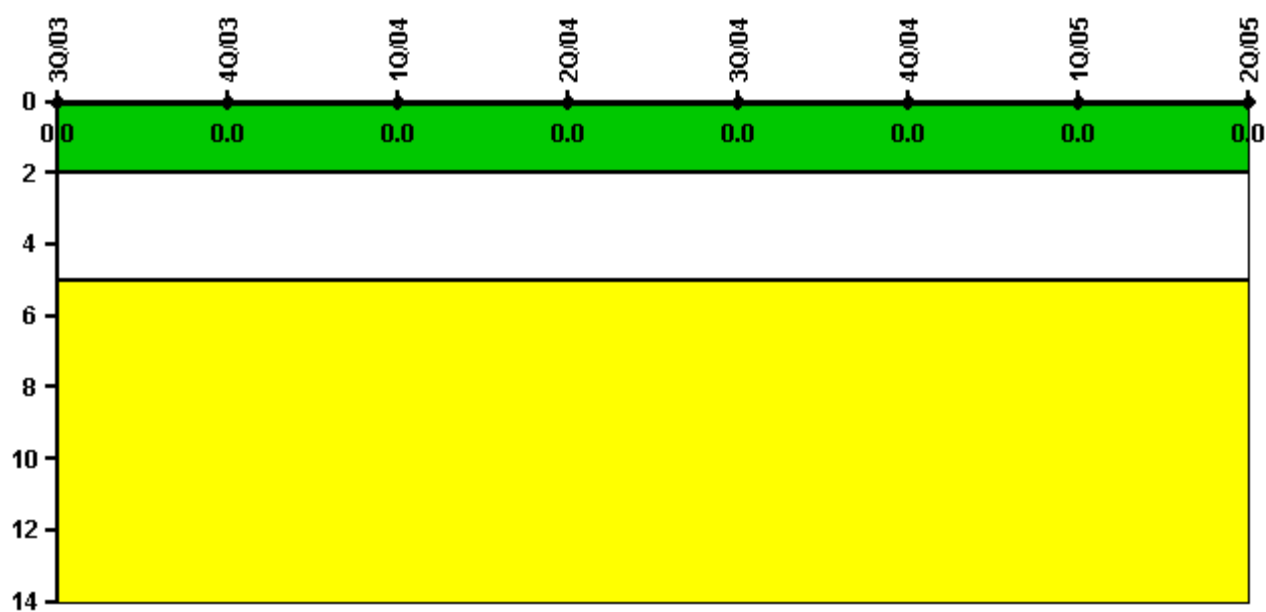
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Successful siren-tests	45	47	47	45	45	51	48	48
Total sirens-tests	45	48	48	45	45	51	48	48
Indicator value	100.0%	99.5%	98.9%	98.9%	98.9%	99.5%	100.0%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



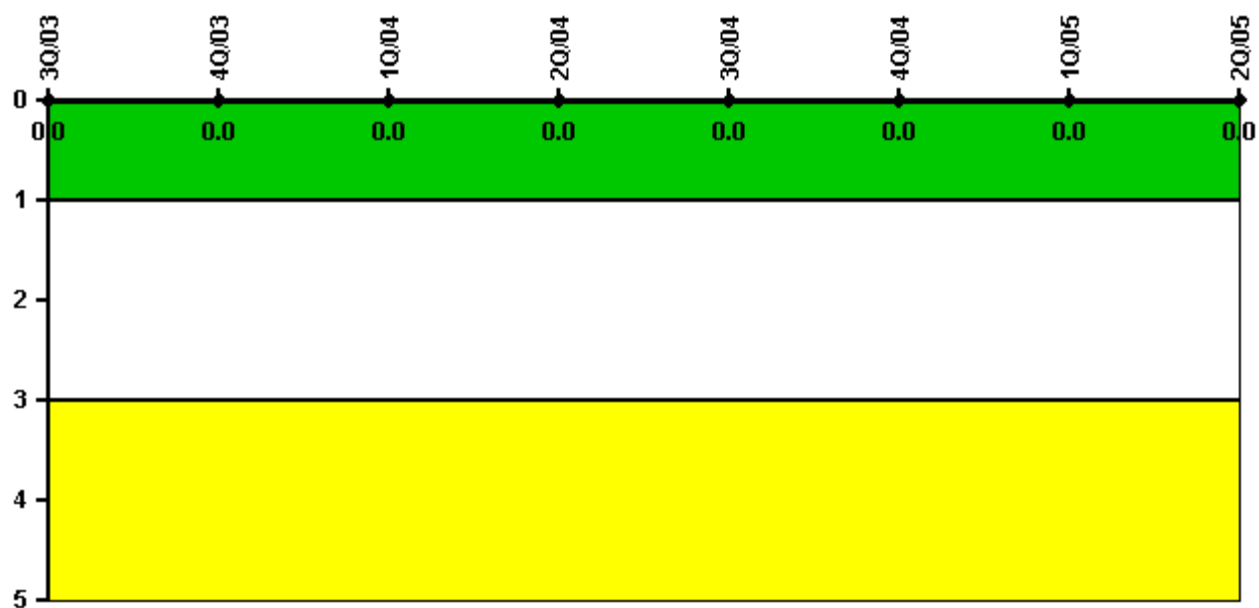
Thresholds: White > 2.0 Yellow > 5.0

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](#)

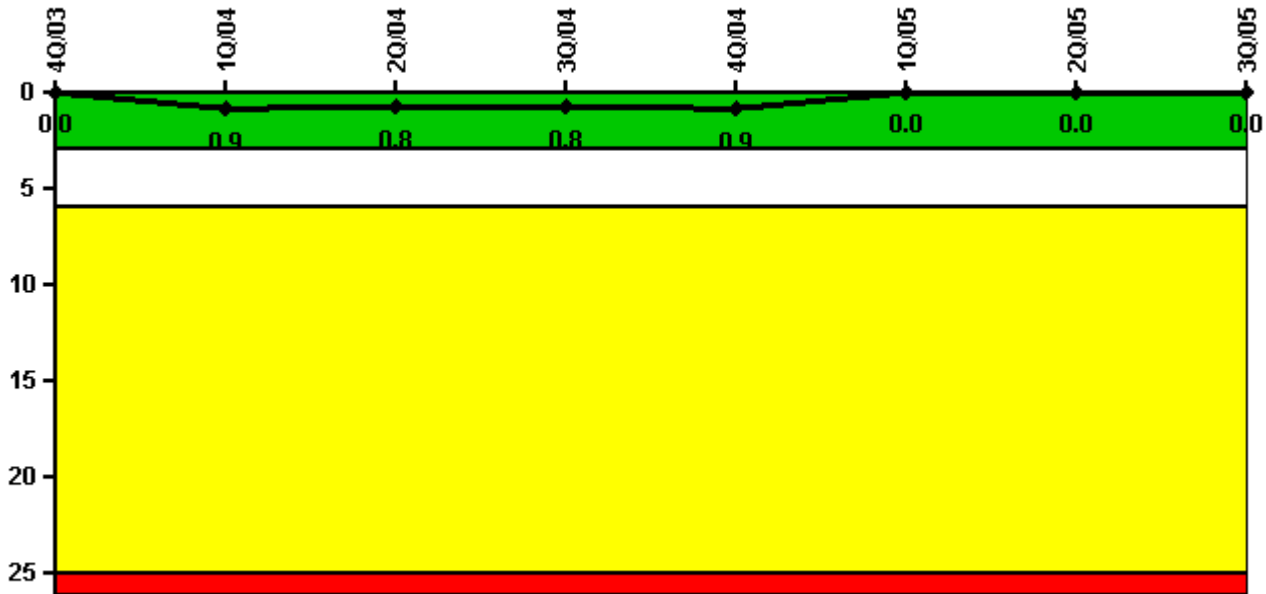
Last Modified: August 3, 2005

Farley 1

3Q/2005 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



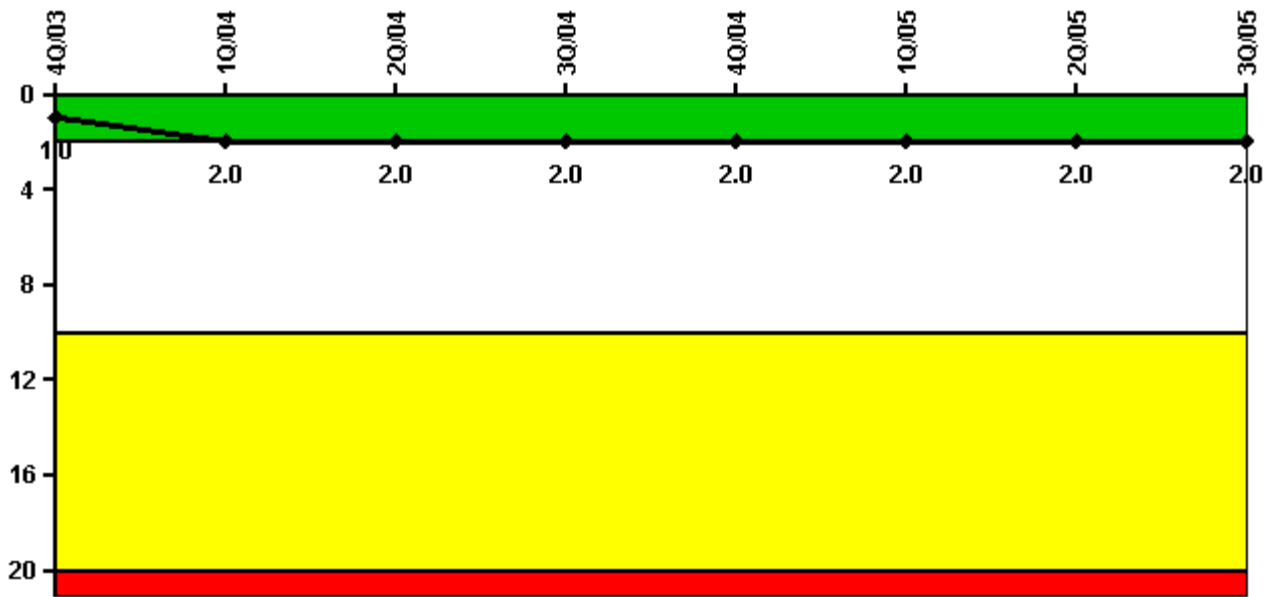
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0	0	0	0
Critical hours	2209.0	2159.4	2183.0	2208.0	1160.8	2160.0	2148.3	2208.0
Indicator value	0	0.9	0.8	0.8	0.9	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



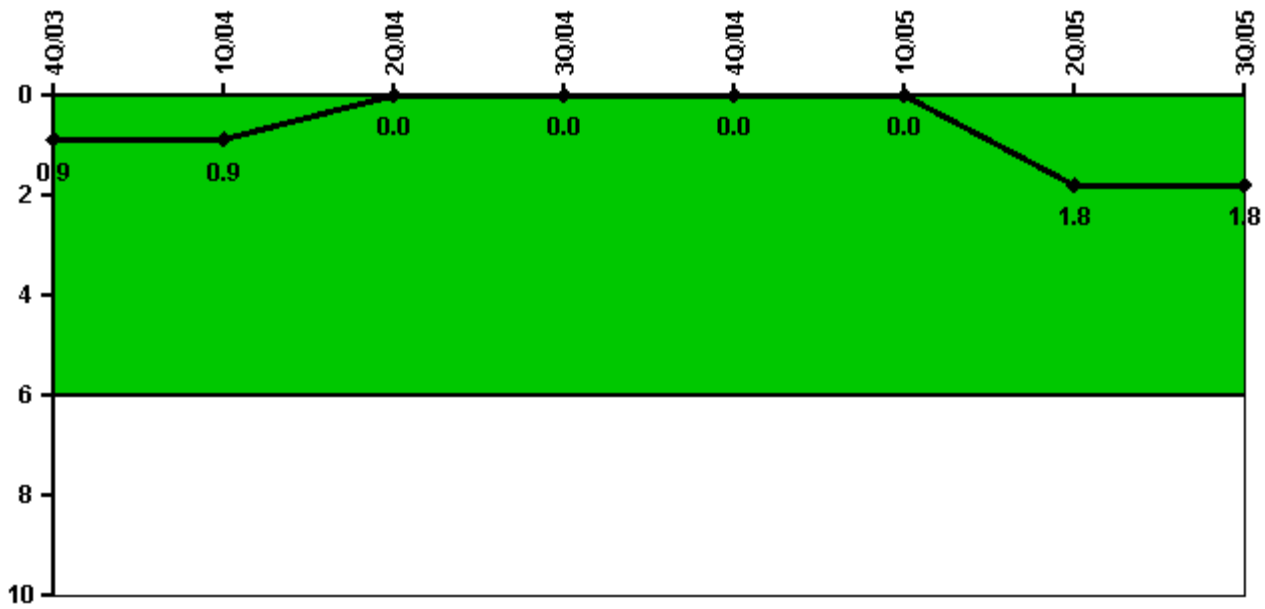
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



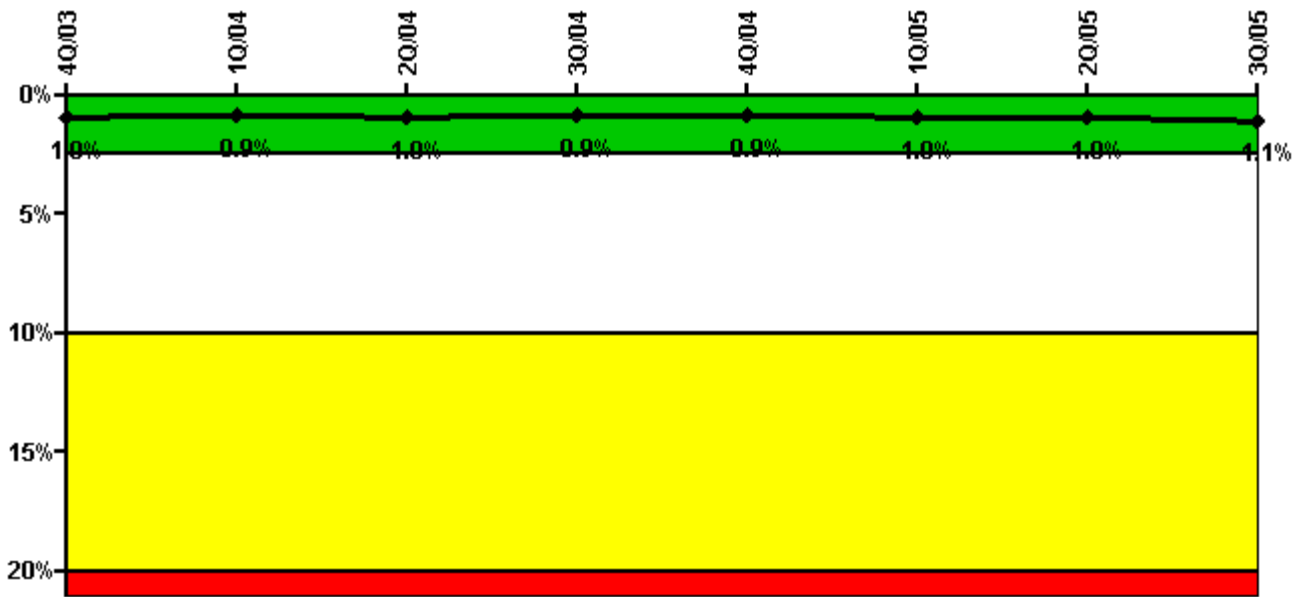
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	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	2.0	0
Critical hours	2209.0	2159.4	2183.0	2208.0	1160.8	2160.0	2148.3	2208.0
Indicator value	0.9	0.9	0	0	0	0	1.8	1.8

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



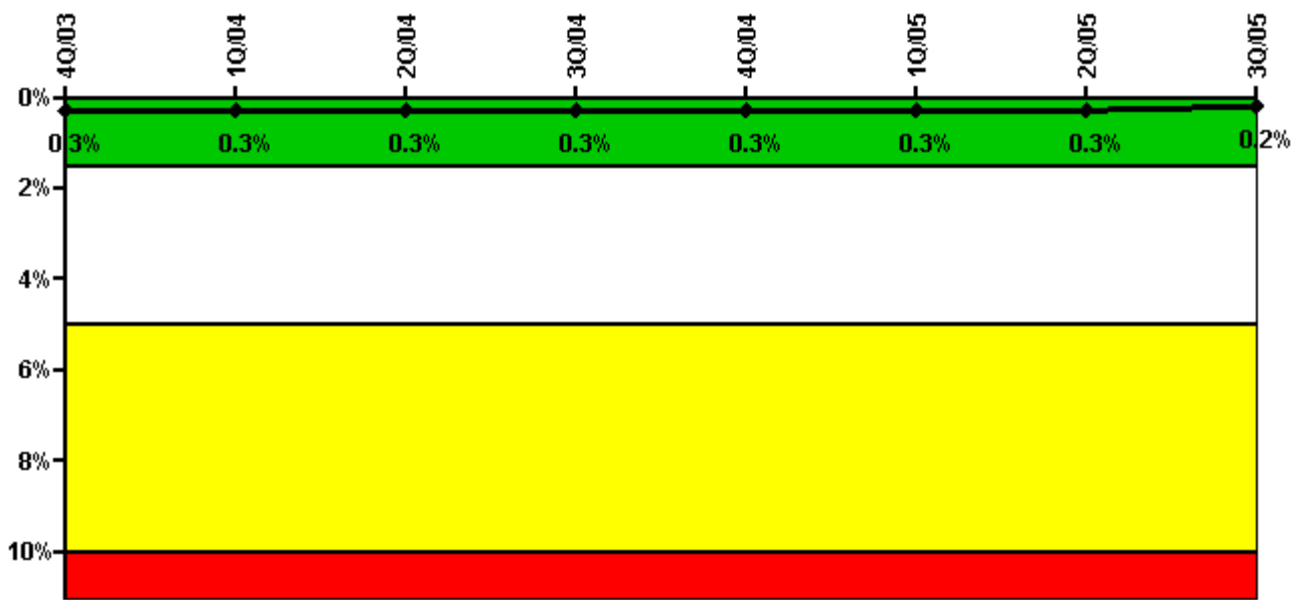
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours	29.70	0	44.00	2.60	2.70	4.30	48.30	43.00
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	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	0	3.00	0.30	30.10	0	26.10	1.70	31.50
Unplanned unavailable hours	0	0	0	0	0	14.00	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	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 3								
Planned unavailable hours	3.90	99.10	40.50	34.00	3.20	12.20	44.20	7.50
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	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	1.0%	0.9%	1.0%	0.9%	0.9%	1.0%	1.0%	1.1%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



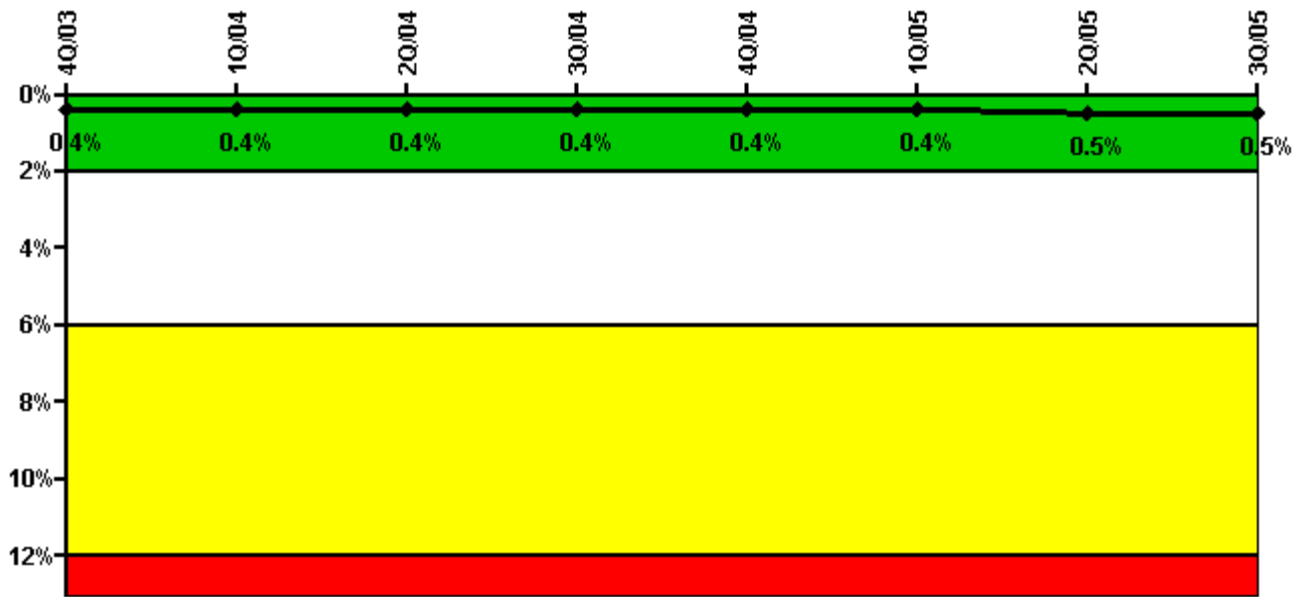
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours	3.70	5.10	1.90	7.10	2.50	2.70	7.00	4.70
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	2159.37	2183.00	2208.00	1160.84	2160.00	2148.32	2208.00
Train 2								
Planned unavailable hours	4.40	3.60	6.60	9.90	2.90	4.90	2.90	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	2209.00	2159.37	2183.00	2208.00	1160.84	2160.00	2148.32	2208.00
Indicator value	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.2%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



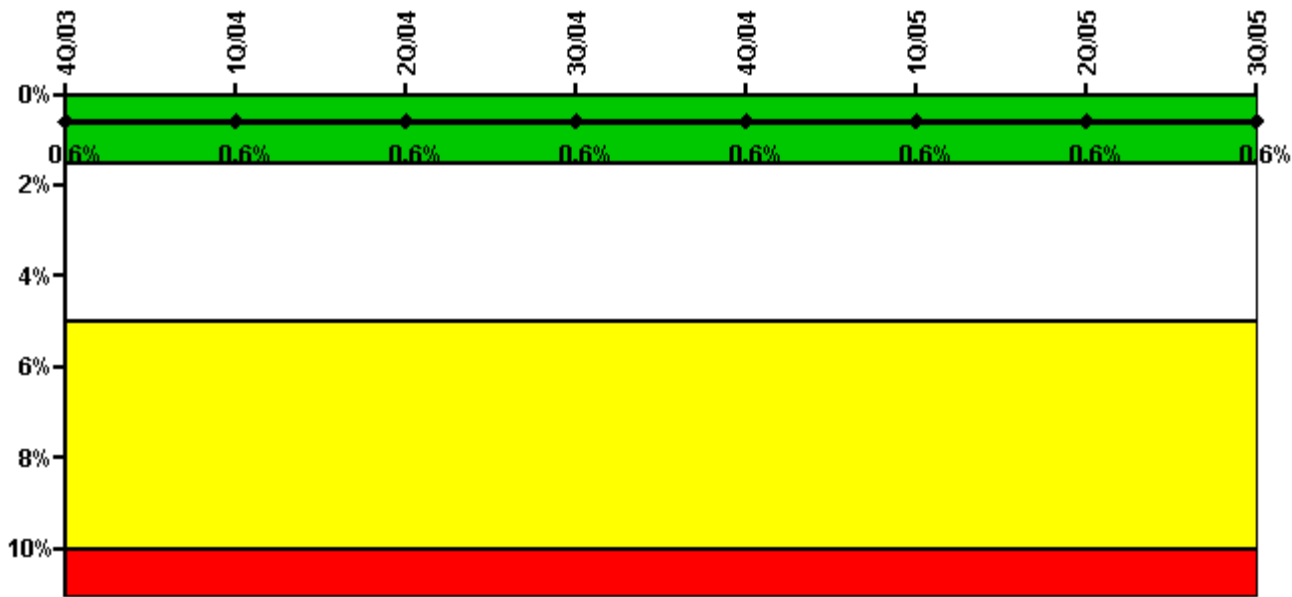
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

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	5.10	10.00	3.20	5.30	2.80	11.40	7.70	5.70
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	2209.00	2159.37	2183.00	2208.00	1160.84	2160.00	2148.32	2208.00
Train 2								
Planned unavailable hours	4.40	5.80	8.10	3.50	2.90	5.50	3.60	9.30
Unplanned unavailable hours	0	0	0	0	2.70	0	0	31.60
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2159.37	2183.00	2208.00	1160.84	2160.00	2148.32	2208.00
Train 3								
Planned unavailable hours	7.10	27.50	1.90	16.40	3.20	50.60	4.80	16.60
Unplanned unavailable hours	0	0	0	0	0	0	6.90	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2159.37	2183.00	2208.00	1160.84	2160.00	2148.32	2208.00
Indicator value	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.5%	0.5%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



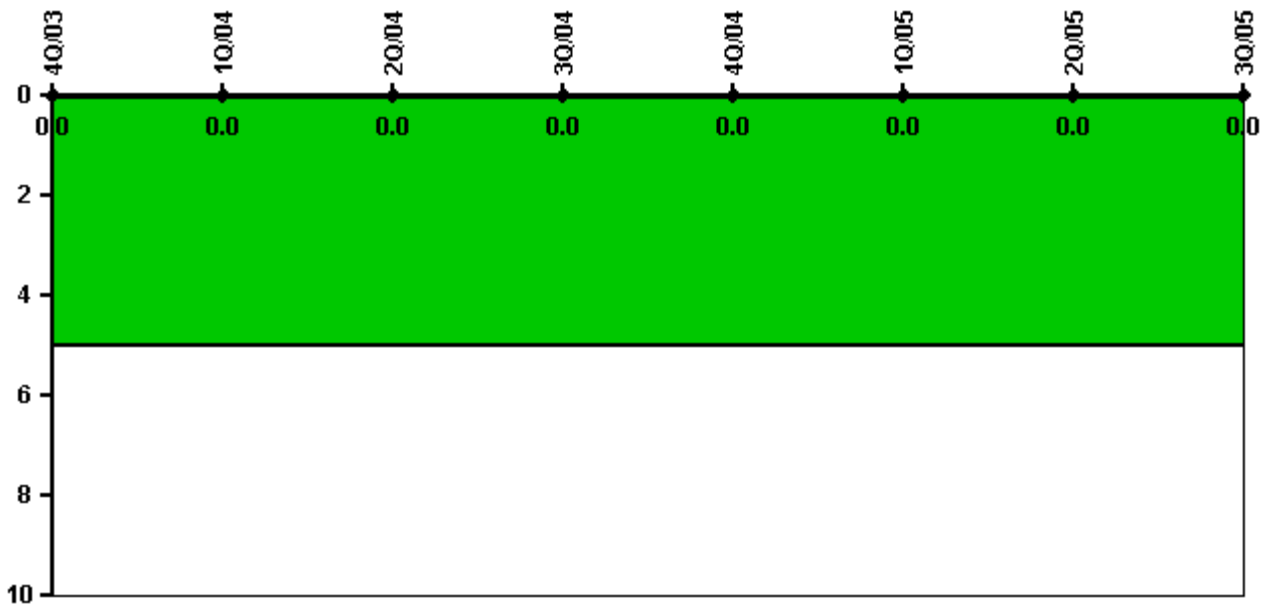
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours	4.50	20.60	3.00	24.40	4.40	18.60	7.60	26.00
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	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	12.00	4.60	21.50	24.00	5.50	20.90	3.40	23.60
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	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%	0.6%

Licensee Comments: none

Safety System Functional Failures (PWR)



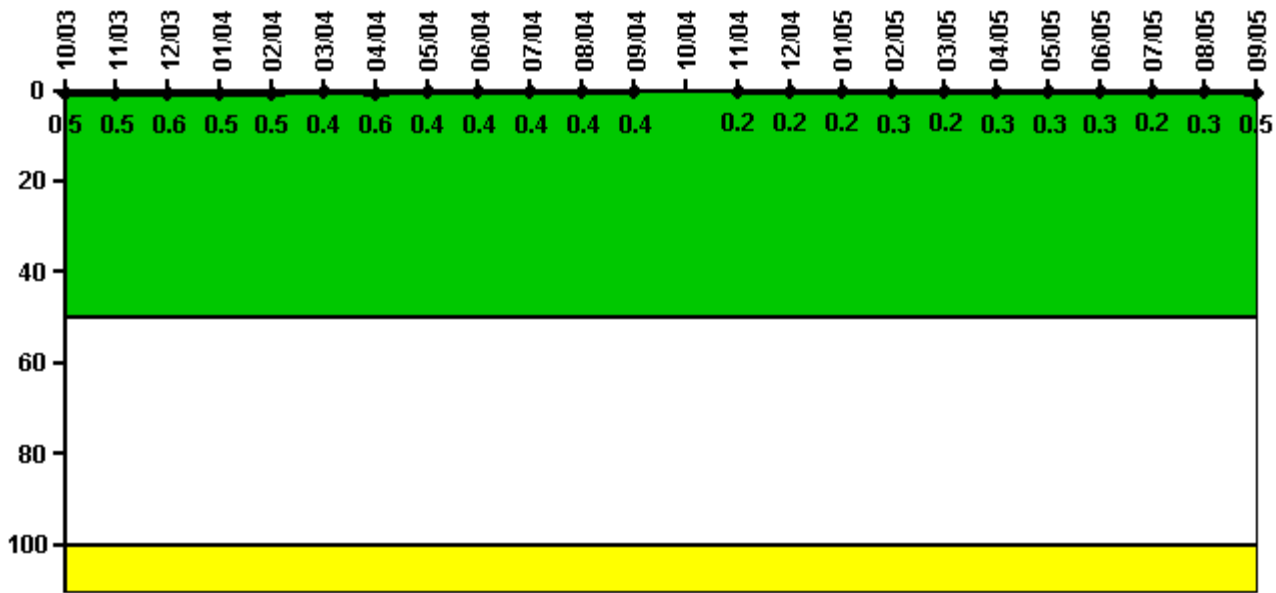
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



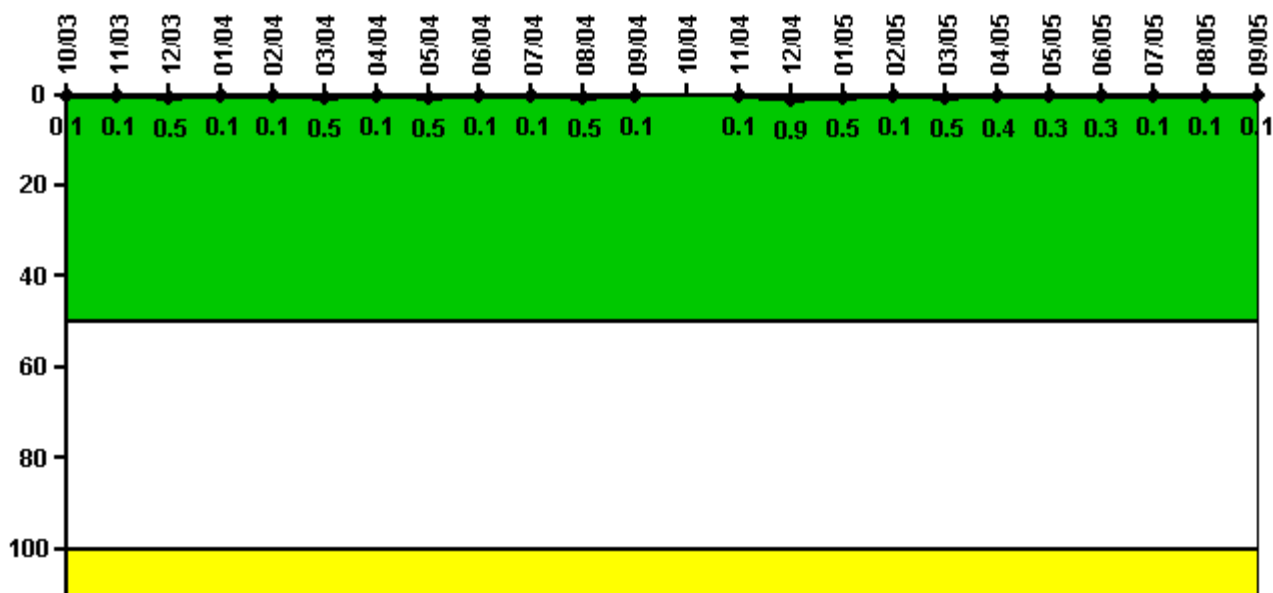
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04
Maximum activity	0.002449	0.002735	0.002806	0.002376	0.002283	0.002167	0.002815	0.002128	0.001935	0.001817	0.001885	0.001885
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.5	0.5	0.6	0.5	0.5	0.4	0.6	0.4	0.4	0.4	0.4	0.4
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	N/A	0.000922	0.000989	0.001074	0.001336	0.000968	0.001354	0.001300	0.001349	0.001245	0.001401	0.002277
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	N/A	0.2	0.2	0.2	0.3	0.2	0.3	0.3	0.3	0.2	0.3	0.5

Licensee Comments: none

Reactor Coolant System Leakage



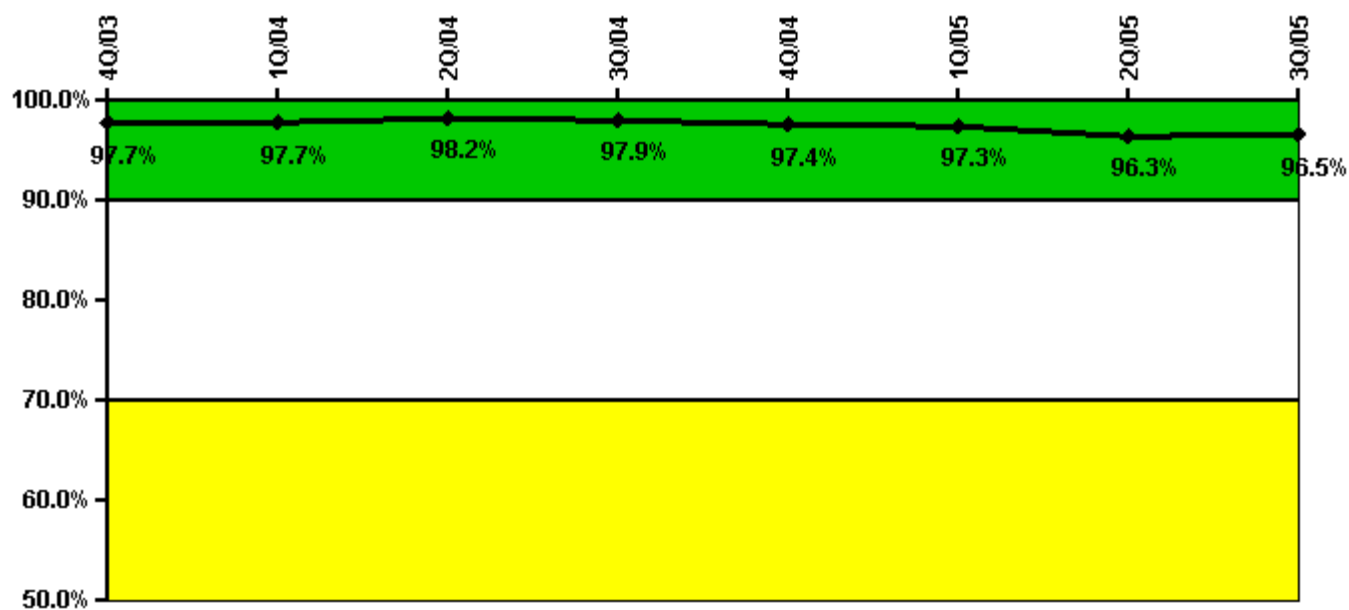
Thresholds: White > 50.0 Yellow > 100.0

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	0.009	0.009	0.053	0.009	0.009	0.048	0.009	0.051	0.009	0.012	0.048	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	0.5	0.1	0.1	0.5	0.1	0.5	0.1	0.1	0.5	0.1
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	N/A	0.010	0.090	0.050	0.010	0.050	0.040	0.030	0.030	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	N/A	0.1	0.9	0.5	0.1	0.5	0.4	0.3	0.3	0.1	0.1	0.1

Licensee Comments: none

Drill/Exercise Performance



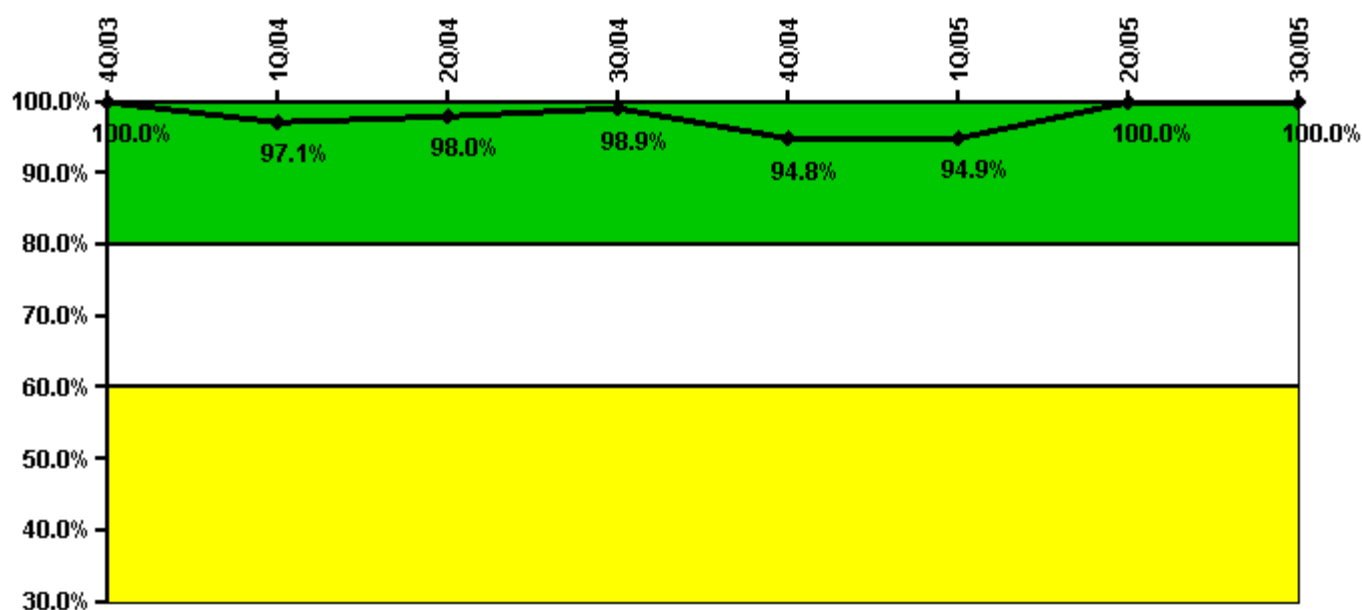
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Successful opportunities	102.0	0	2.0	71.0	34.0	0	67.0	59.0
Total opportunities	103.0	0	2.0	74.0	36.0	0	72.0	60.0
Indicator value	97.7%	97.7%	98.2%	97.9%	97.4%	97.3%	96.3%	96.5%

Licensee Comments: none

ERO Drill Participation



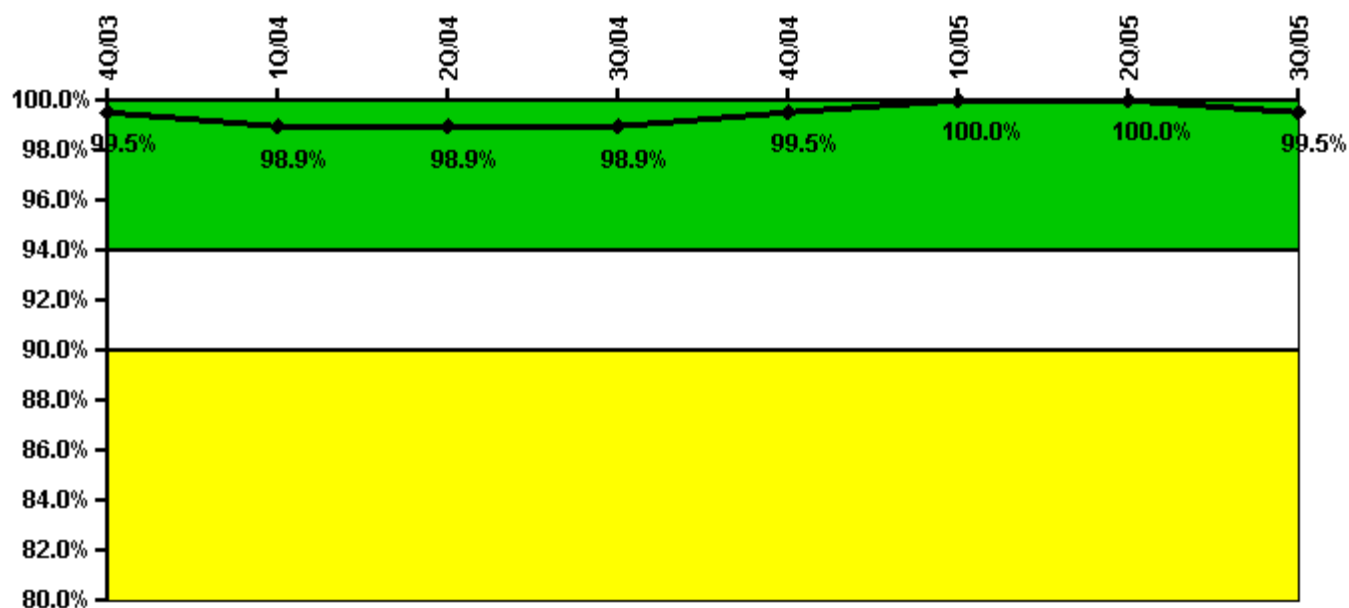
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Participating Key personnel	108.0	100.0	97.0	91.0	91.0	93.0	108.0	106.0
Total Key personnel	108.0	103.0	99.0	92.0	96.0	98.0	108.0	106.0
Indicator value	100.0%	97.1%	98.0%	98.9%	94.8%	94.9%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



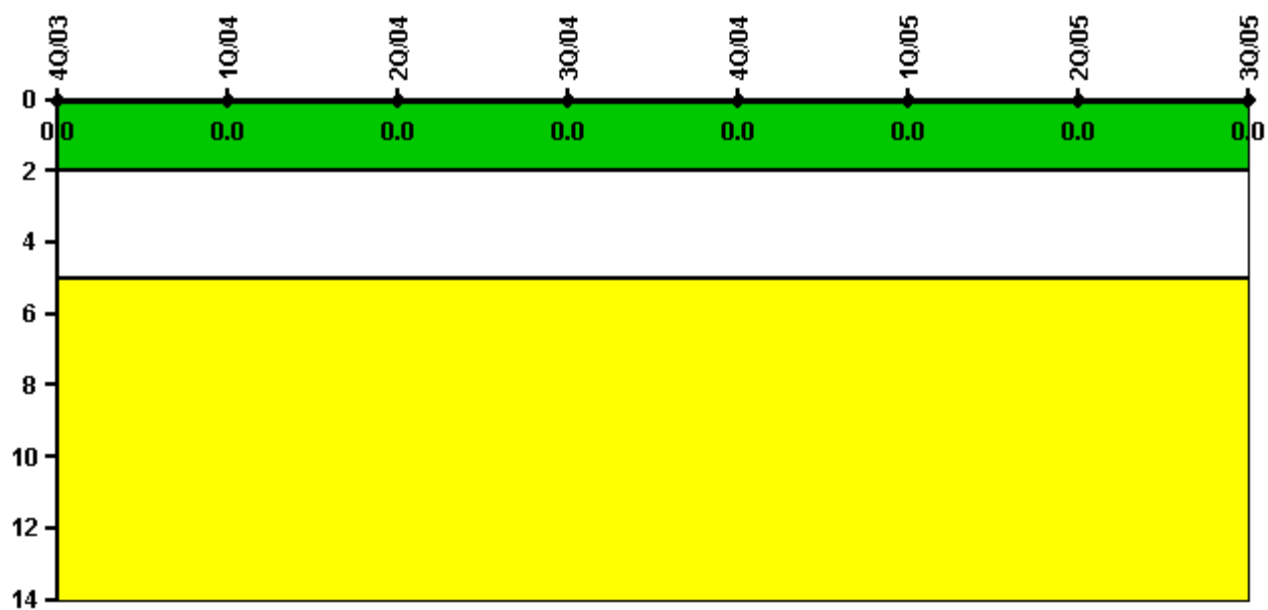
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Successful siren-tests	47	47	45	45	51	48	48	47
Total sirens-tests	48	48	45	45	51	48	48	48
Indicator value	99.5%	98.9%	98.9%	98.9%	99.5%	100.0%	100.0%	99.5%

Licensee Comments: none

Occupational Exposure Control Effectiveness



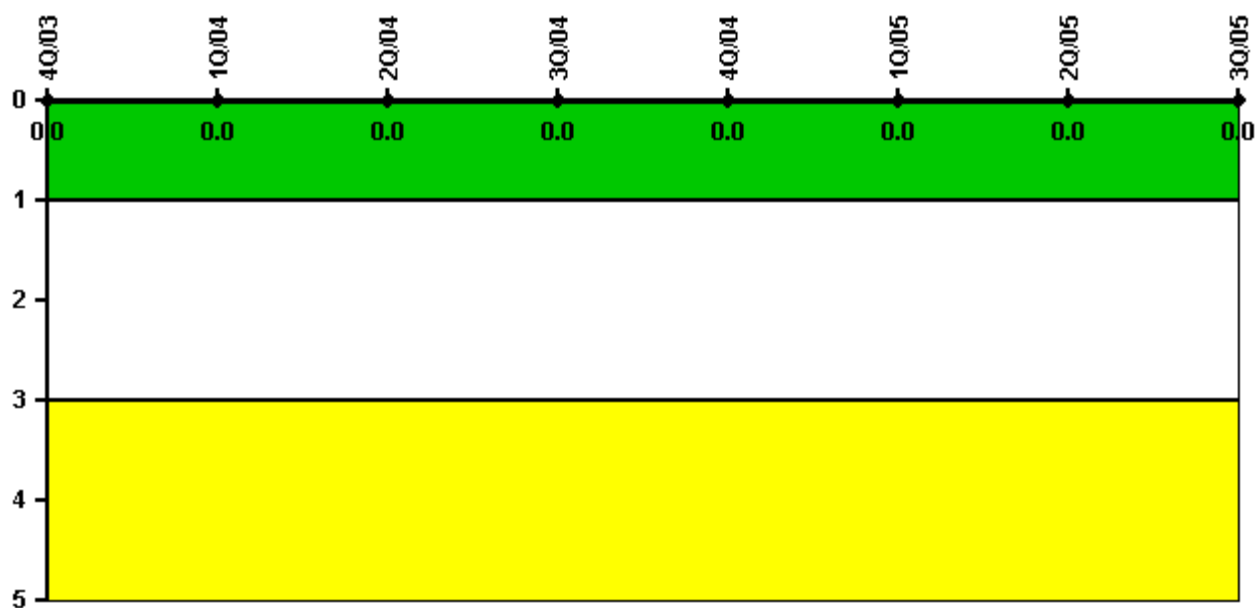
Thresholds: White > 2.0 Yellow > 5.0

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

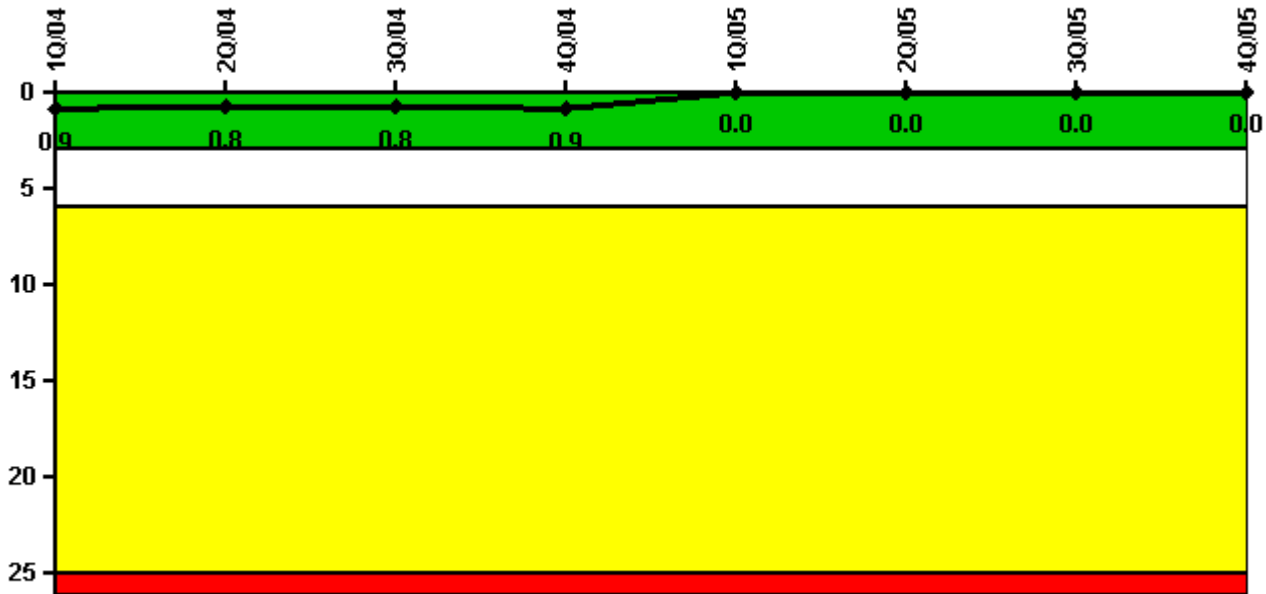
[Physical Protection](#) information not publicly available.

Farley 1

4Q/2005 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



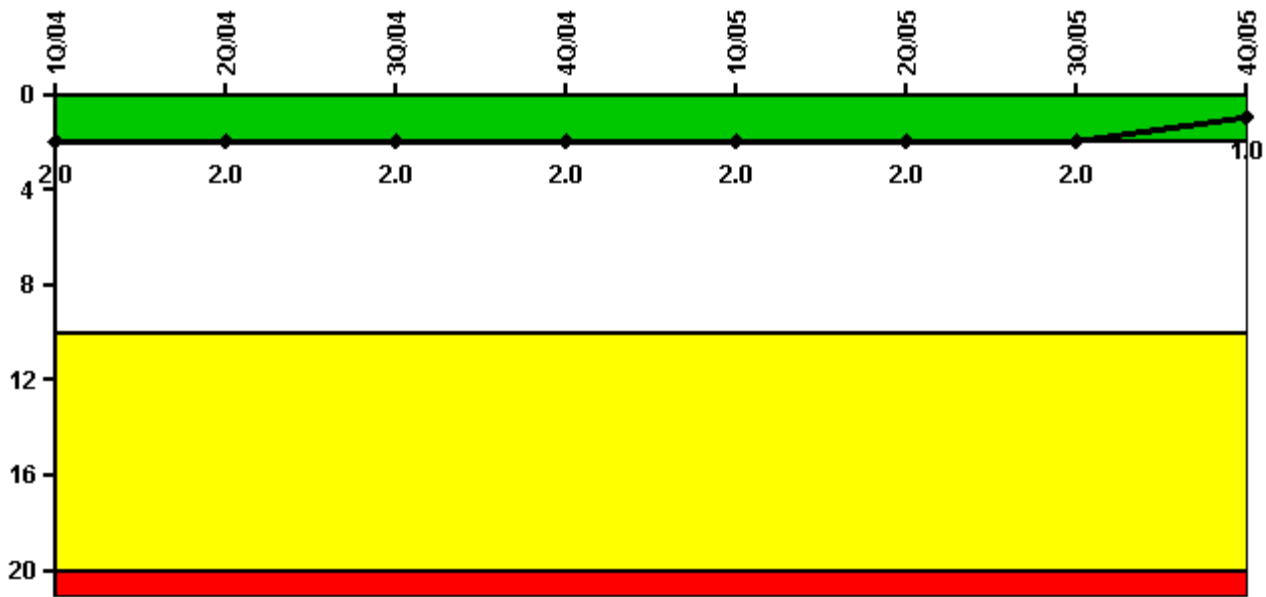
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Unplanned scrams	1.0	0	0	0	0	0	0	0
Critical hours	2159.4	2183.0	2208.0	1160.8	2160.0	2148.3	2208.0	2209.0
Indicator value	0.9	0.8	0.8	0.9	0	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



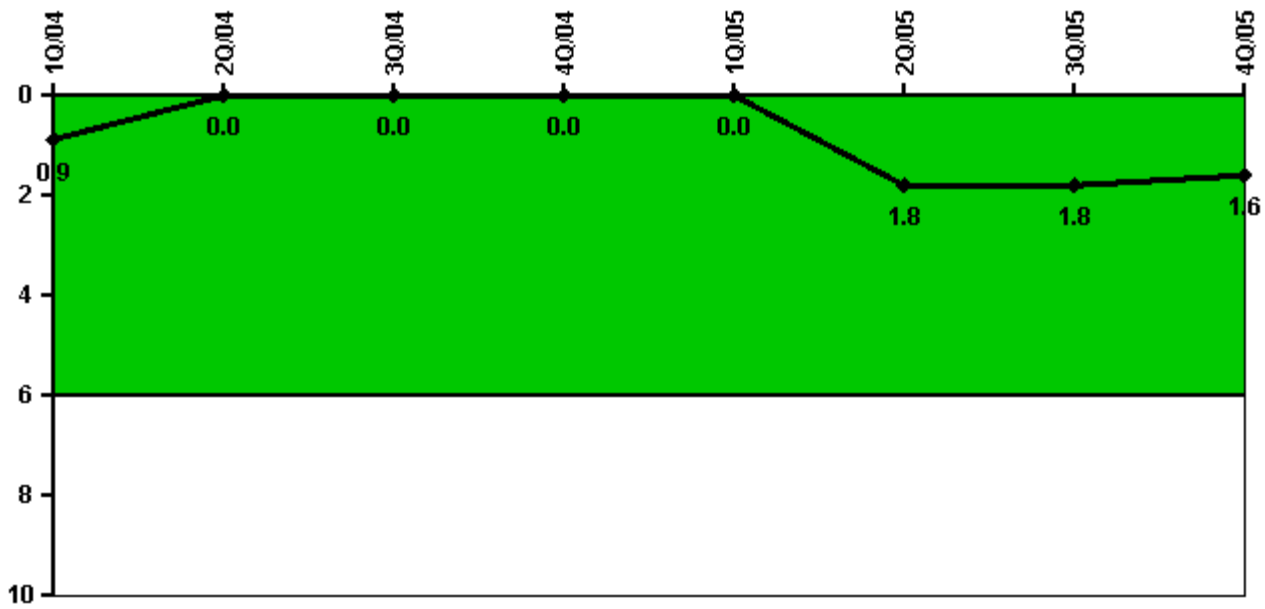
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



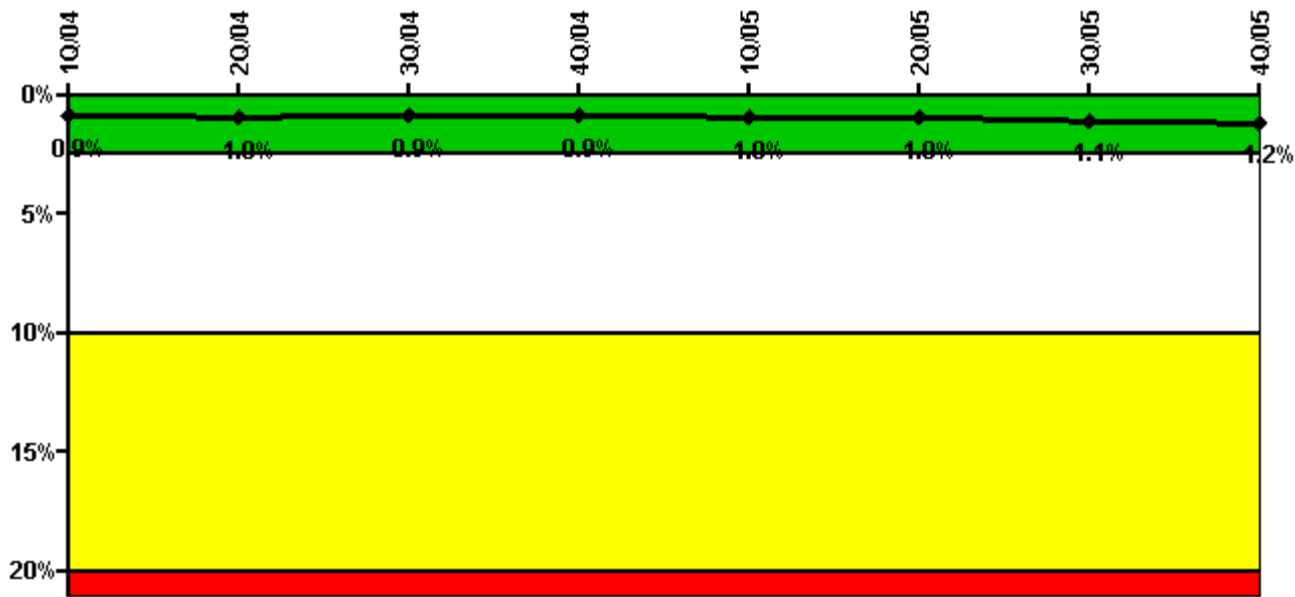
Thresholds: White > 6.0

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	2.0	0	0
Critical hours	2159.4	2183.0	2208.0	1160.8	2160.0	2148.3	2208.0	2209.0
Indicator value	0.9	0	0	0	0	1.8	1.8	1.6

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



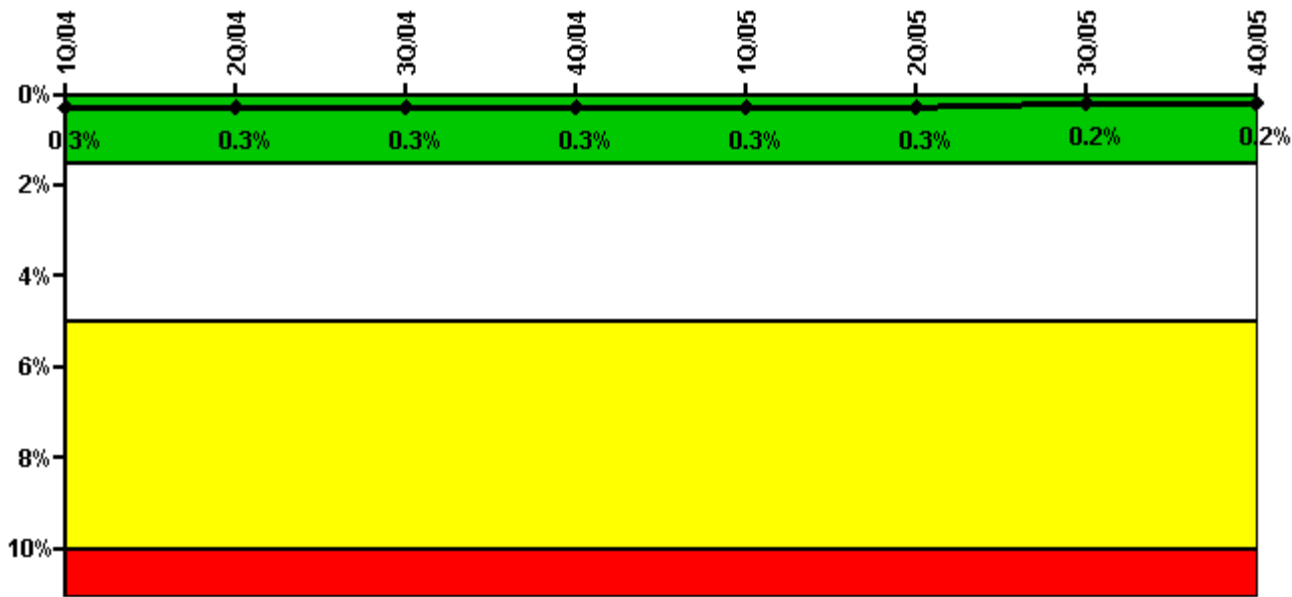
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Train 1								
Planned unavailable hours	0	44.00	2.60	2.70	4.30	48.30	43.00	71.90
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	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	3.00	0.30	30.10	0	26.10	1.70	31.50	52.80
Unplanned unavailable hours	0	0	0	0	14.00	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 3								
Planned unavailable hours	99.10	40.50	34.00	3.20	12.20	44.20	7.50	30.70
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	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Indicator value	0.9%	1.0%	0.9%	0.9%	1.0%	1.0%	1.1%	1.2%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



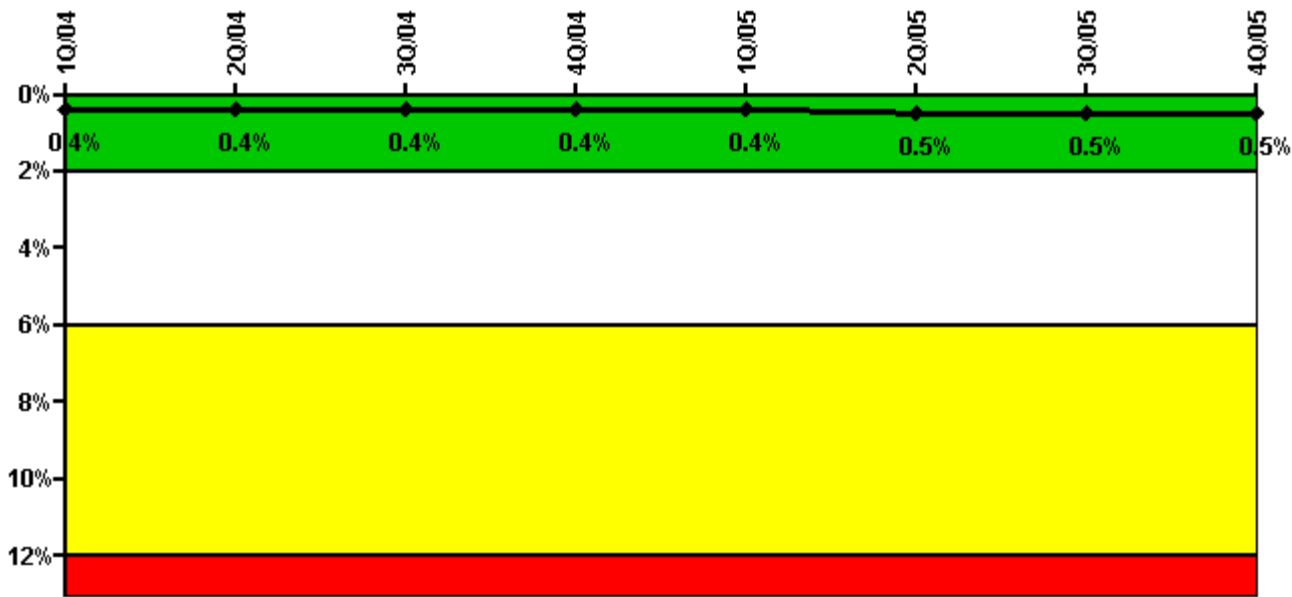
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Train 1								
Planned unavailable hours	5.10	1.90	7.10	2.50	2.70	7.00	4.70	2.30
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2159.37	2183.00	2208.00	1160.84	2160.00	2148.32	2208.00	2209.00
Train 2								
Planned unavailable hours	3.60	6.60	9.90	2.90	4.90	2.90	7.60	7.50
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	2159.37	2183.00	2208.00	1160.84	2160.00	2148.32	2208.00	2209.00
Indicator value	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.2%	0.2%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



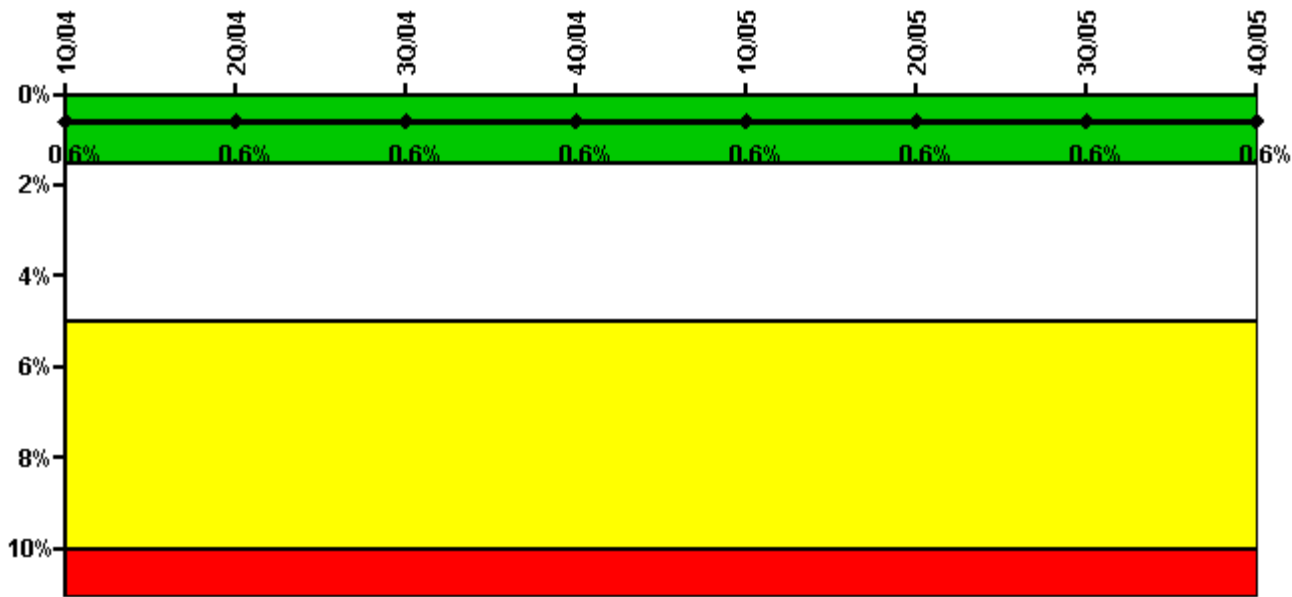
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

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	10.00	3.20	5.30	2.80	11.40	7.70	5.70	2.90
Unplanned unavailable hours	0	0	0	2.70	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2159.37	2183.00	2208.00	1160.84	2160.00	2148.32	2208.00	2209.00
Train 2								
Planned unavailable hours	5.80	8.10	3.50	2.90	5.50	3.60	9.30	16.40
Unplanned unavailable hours	0	0	0	2.70	0	0	31.60	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2159.37	2183.00	2208.00	1160.84	2160.00	2148.32	2208.00	2209.00
Train 3								
Planned unavailable hours	27.50	1.90	16.40	3.20	50.60	4.80	16.60	13.70
Unplanned unavailable hours	0	0	0	0	0	6.90	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2159.37	2183.00	2208.00	1160.84	2160.00	2148.32	2208.00	2209.00
Indicator value	0.4%	0.4%	0.4%	0.4%	0.4%	0.5%	0.5%	0.5%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



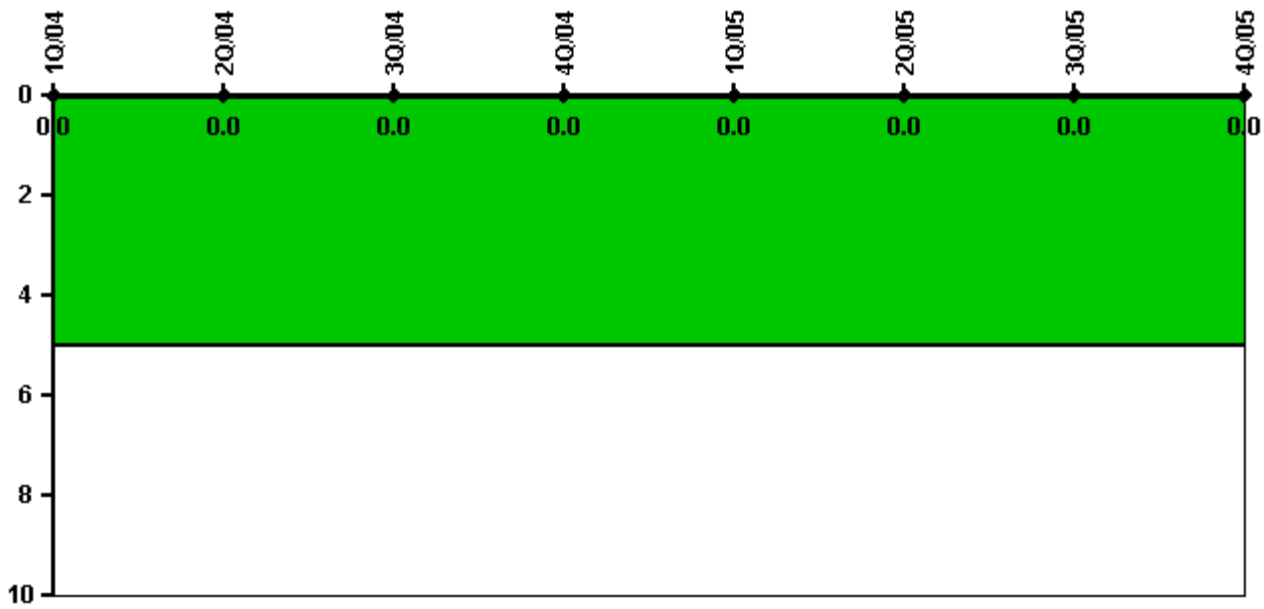
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

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	20.60	3.00	24.40	4.40	18.60	7.60	26.00	4.60
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	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	4.60	21.50	24.00	5.50	20.90	3.40	23.60	8.80
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Indicator value	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%

Licensee Comments: none

Safety System Functional Failures (PWR)



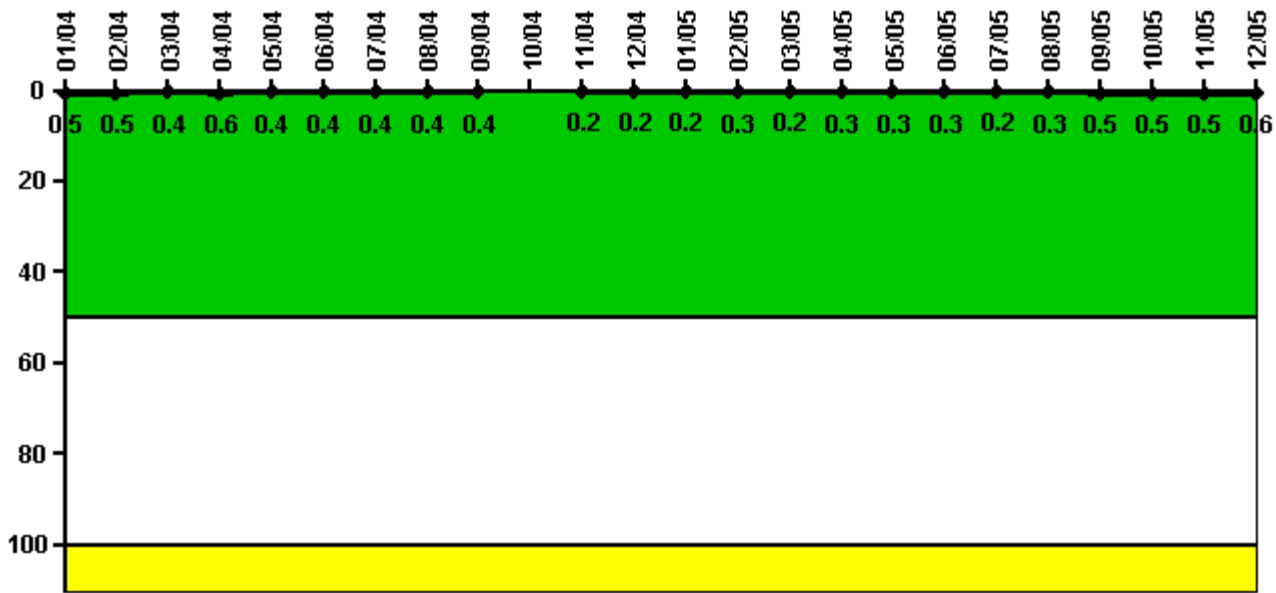
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

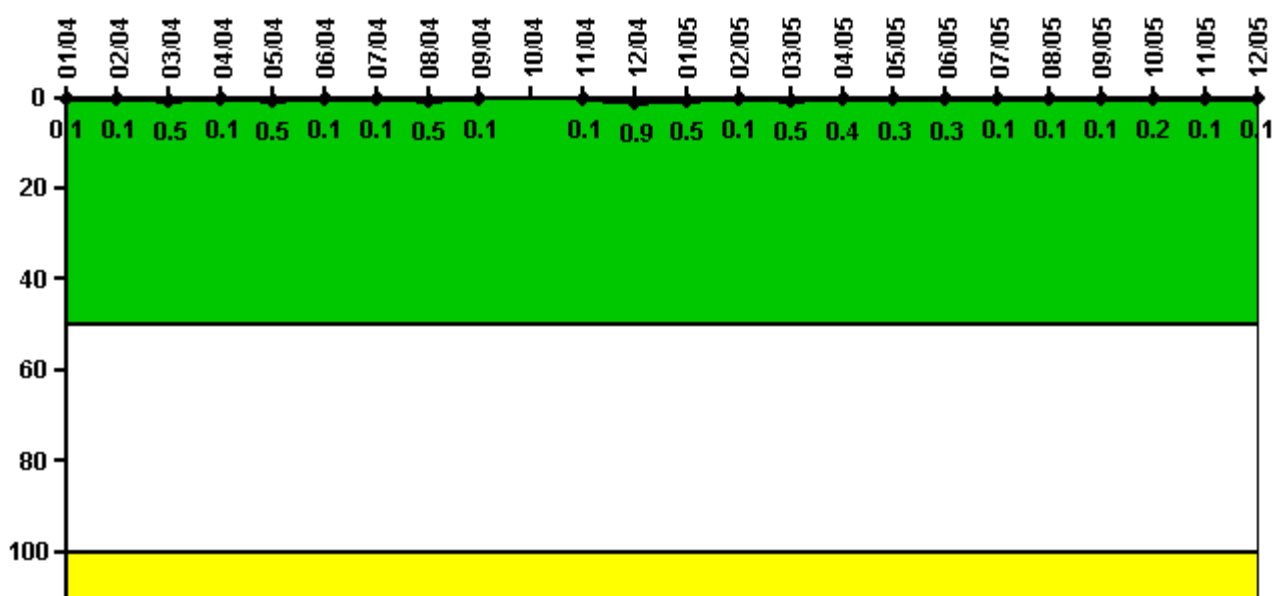
Notes

Reactor Coolant System Activity	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04
Maximum activity	0.002376	0.002283	0.002167	0.002815	0.002128	0.001935	0.001817	0.001885	0.001885	N/A	0.000922	0.000989
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.5	0.5	0.4	0.6	0.4	0.4	0.4	0.4	0.4	N/A	0.2	0.2

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	0.001074	0.001336	0.000968	0.001354	0.001300	0.001349	0.001245	0.001401	0.002277	0.002448	0.002715	0.002806
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.2	0.3	0.2	0.3	0.3	0.3	0.2	0.3	0.5	0.5	0.5	0.6

Licensee Comments: none

Reactor Coolant System Leakage



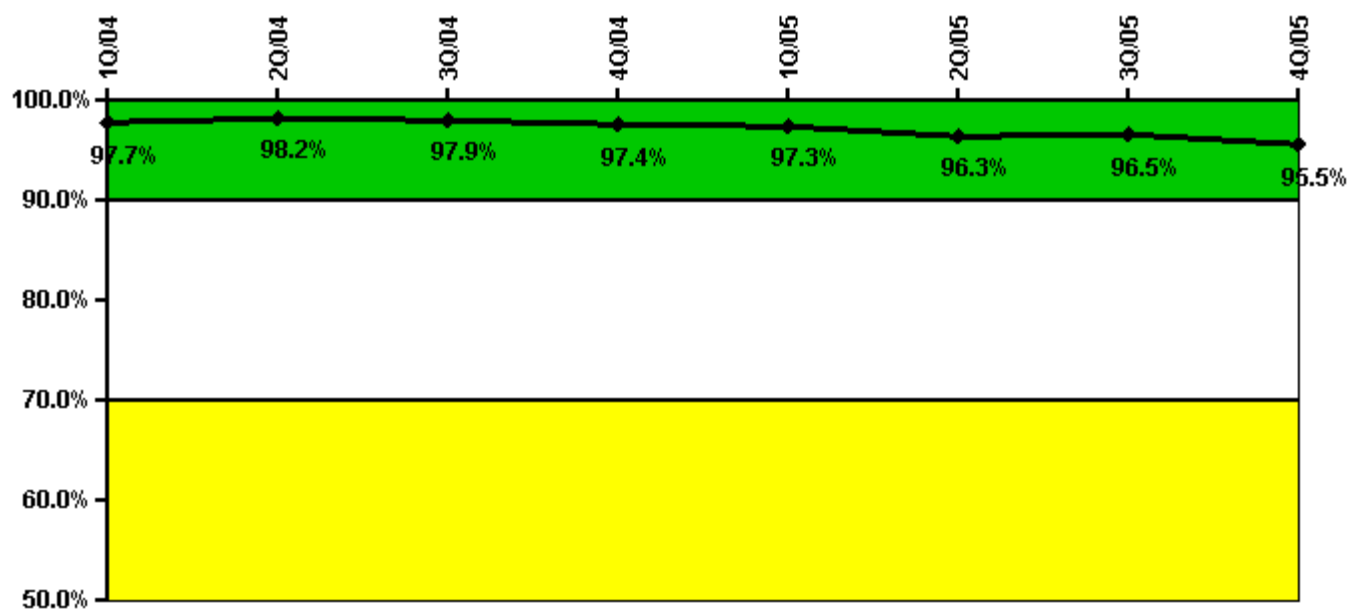
Thresholds: White > 50.0 Yellow > 100.0

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	0.009	0.009	0.048	0.009	0.051	0.009	0.012	0.048	0.010	N/A	0.010	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	0.1	0.1	0.5	0.1	0.5	0.1	0.1	0.5	0.1	N/A	0.1	0.9
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	0.050	0.010	0.050	0.040	0.030	0.030	0.010	0.010	0.010	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	0.5	0.1	0.5	0.4	0.3	0.3	0.1	0.1	0.1	0.2	0.1	0.1

Licensee Comments: none

Drill/Exercise Performance



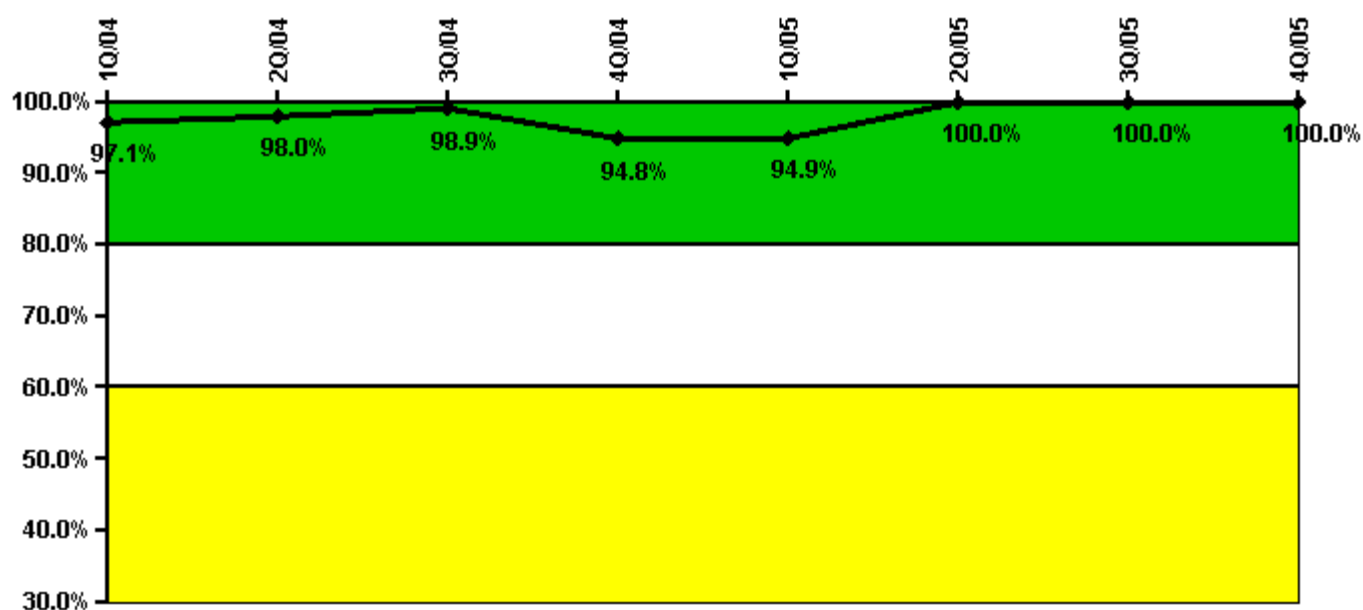
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Successful opportunities	0	2.0	71.0	34.0	0	67.0	59.0	2.0
Total opportunities	0	2.0	74.0	36.0	0	72.0	60.0	2.0
Indicator value	97.7%	98.2%	97.9%	97.4%	97.3%	96.3%	96.5%	95.5%

Licensee Comments: none

ERO Drill Participation



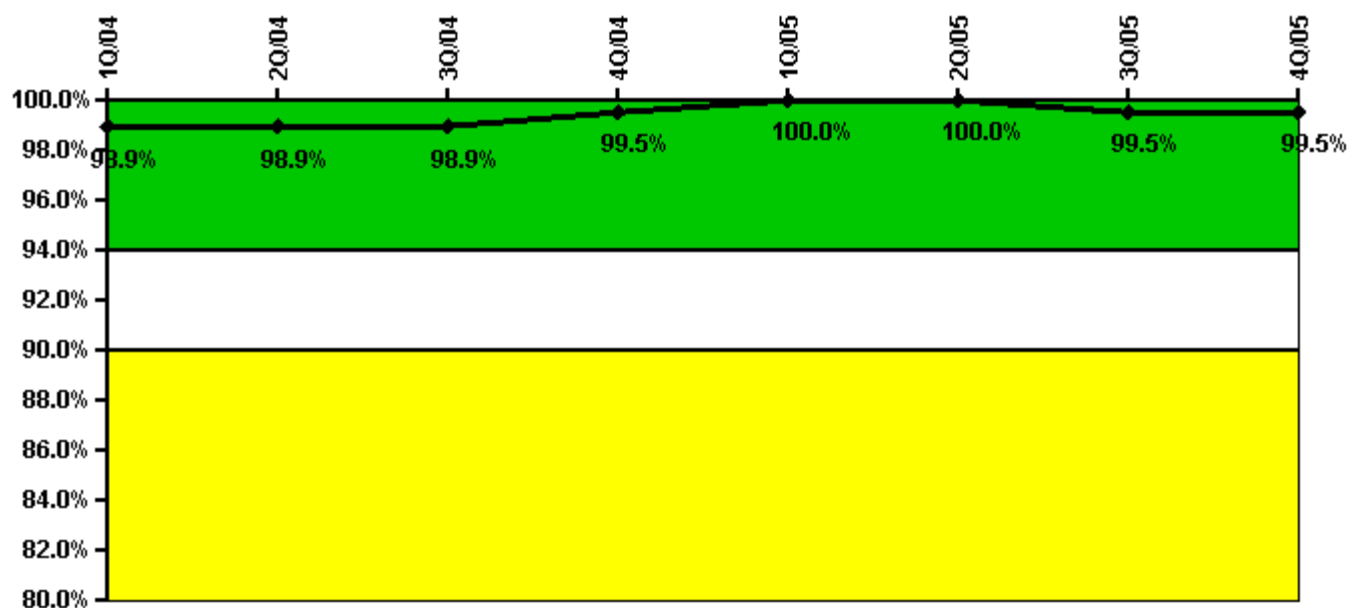
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Participating Key personnel	100.0	97.0	91.0	91.0	93.0	108.0	106.0	102.0
Total Key personnel	103.0	99.0	92.0	96.0	98.0	108.0	106.0	102.0
Indicator value	97.1%	98.0%	98.9%	94.8%	94.9%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



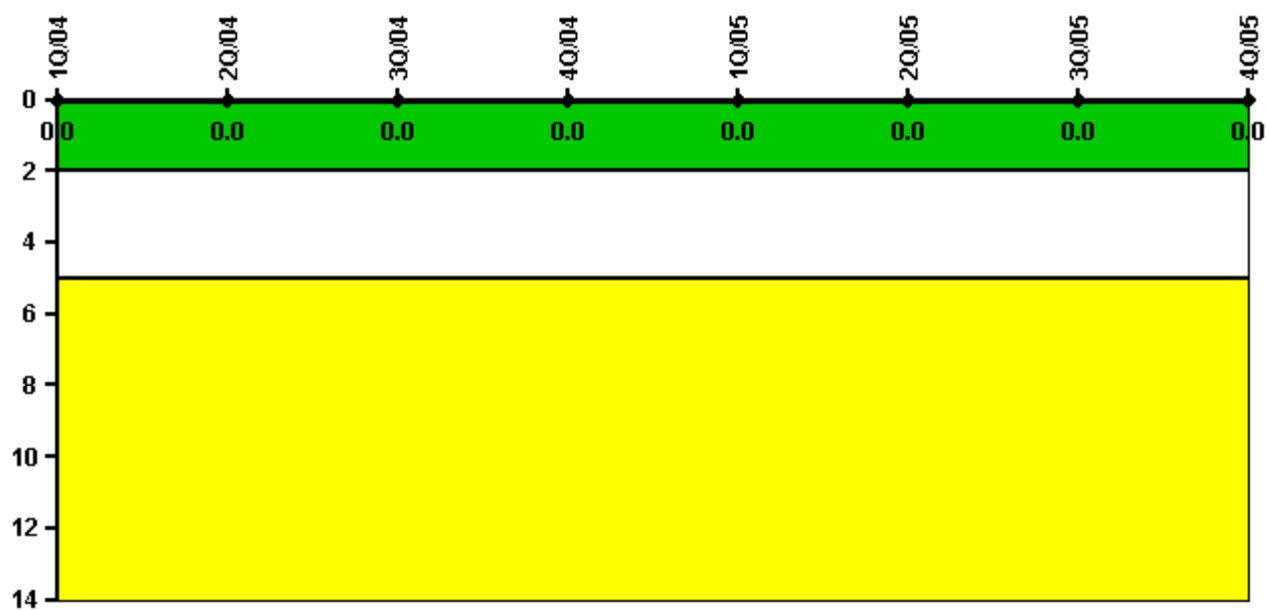
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Successful siren-tests	47	45	45	51	48	48	47	48
Total sirens-tests	48	45	45	51	48	48	48	48
Indicator value	98.9%	98.9%	98.9%	99.5%	100.0%	100.0%	99.5%	99.5%

Licensee Comments: none

Occupational Exposure Control Effectiveness



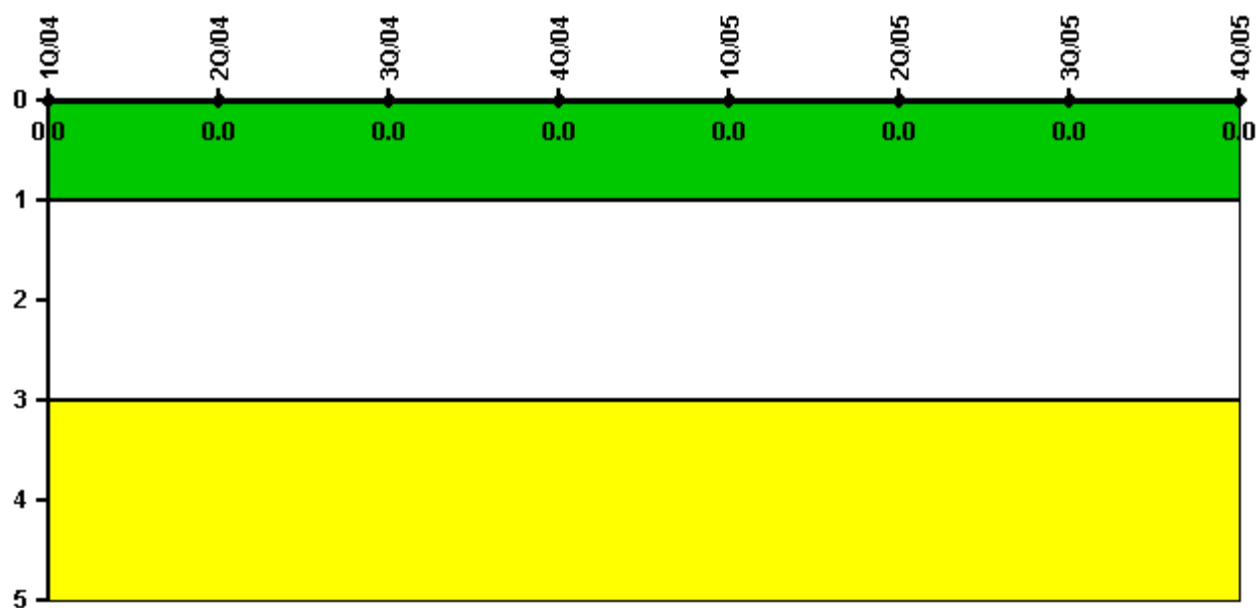
Thresholds: White > 2.0 Yellow > 5.0

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](#)

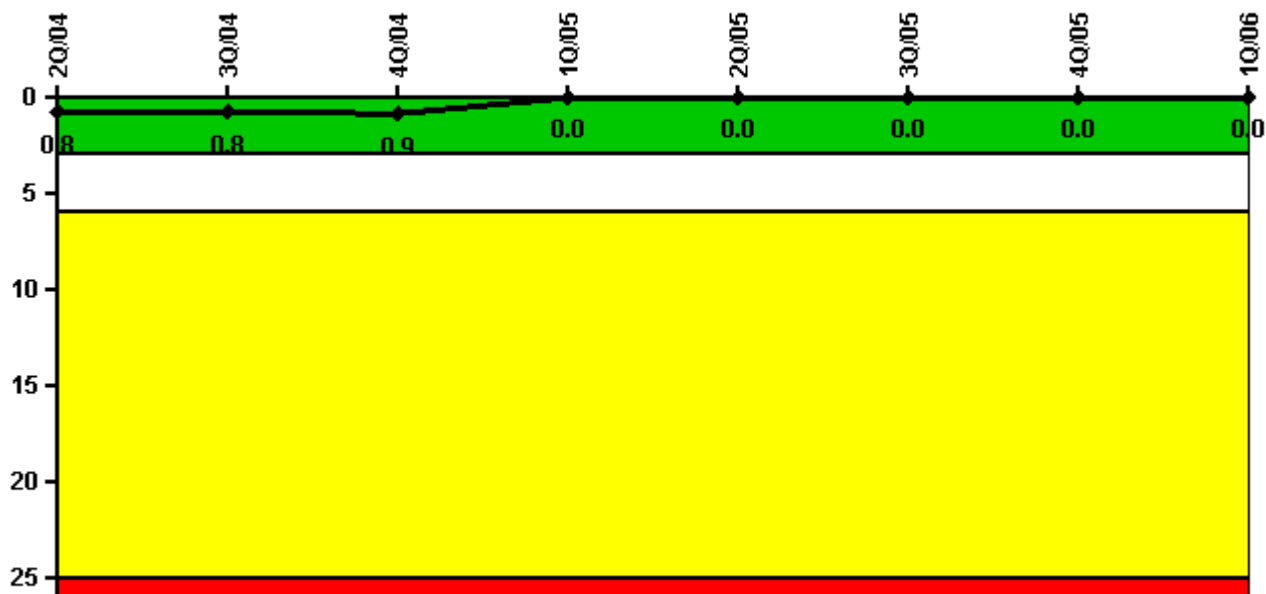
Last Modified: January 30, 2006

Farley 1

1Q/2006 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



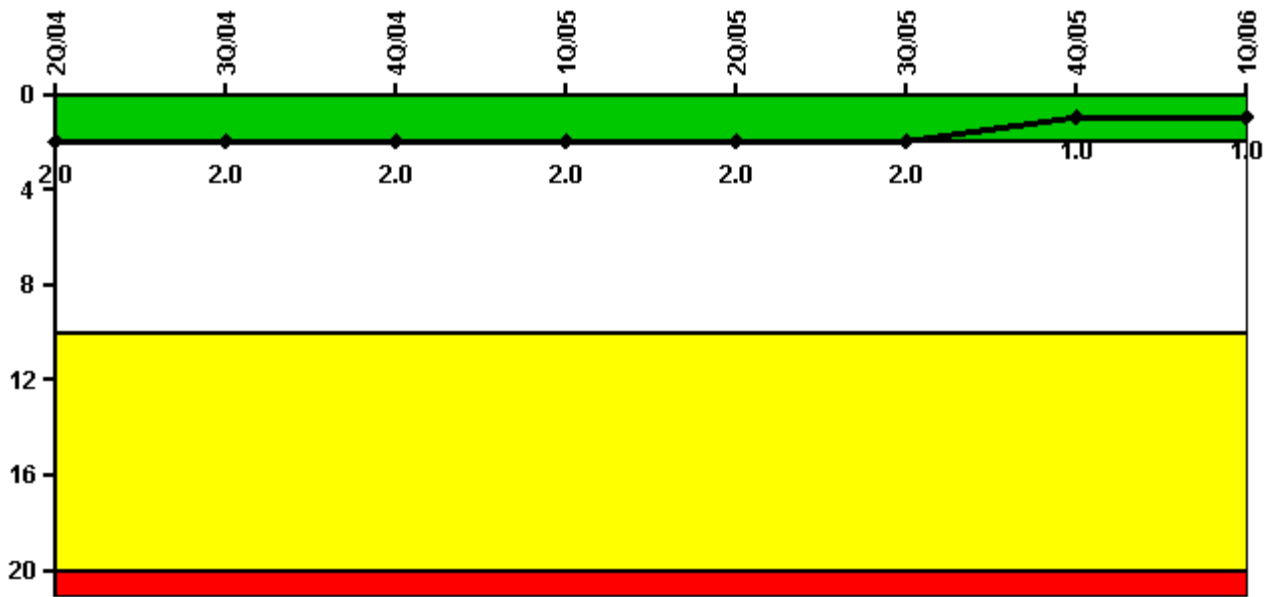
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2183.0	2208.0	1160.8	2160.0	2148.3	2208.0	2209.0	2160.0
Indicator value	0.8	0.8	0.9	0	0	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



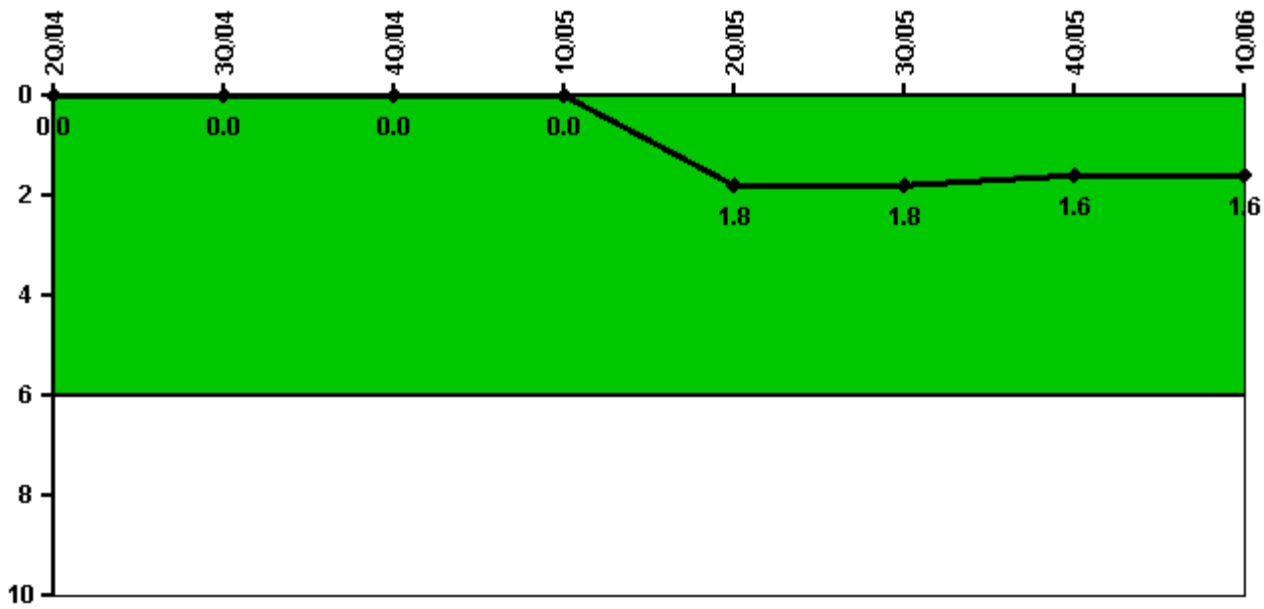
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	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	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



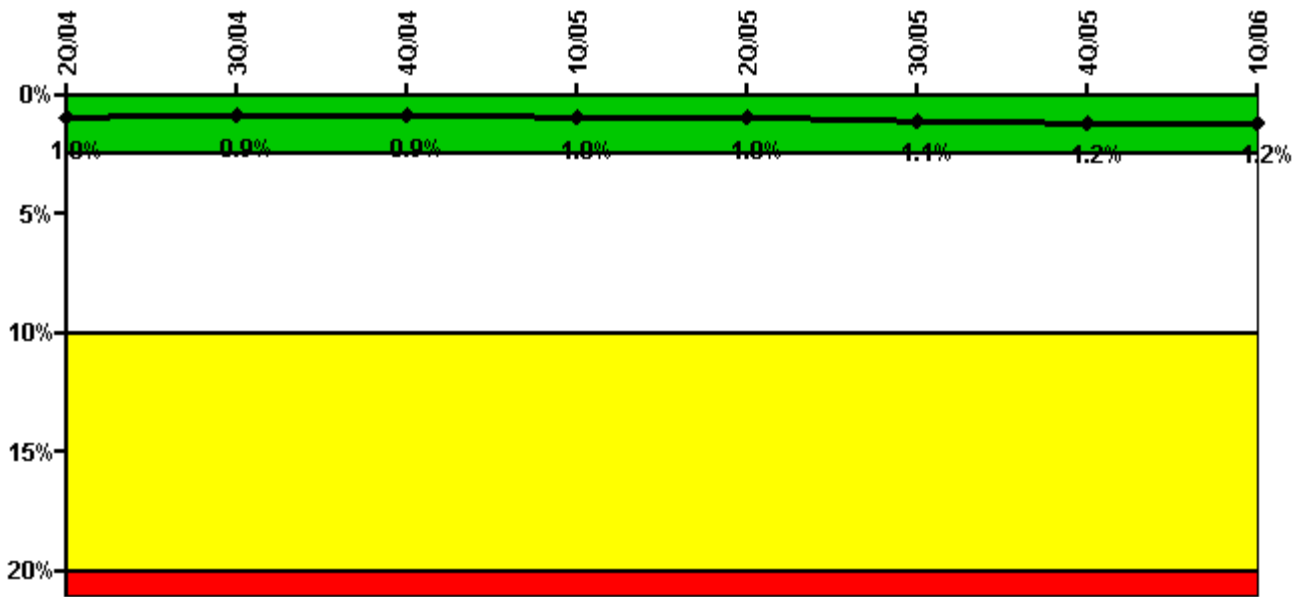
Thresholds: White > 6.0

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	2.0	0	0	0
Critical hours	2183.0	2208.0	1160.8	2160.0	2148.3	2208.0	2209.0	2160.0
Indicator value	0	0	0	0	1.8	1.8	1.6	1.6

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



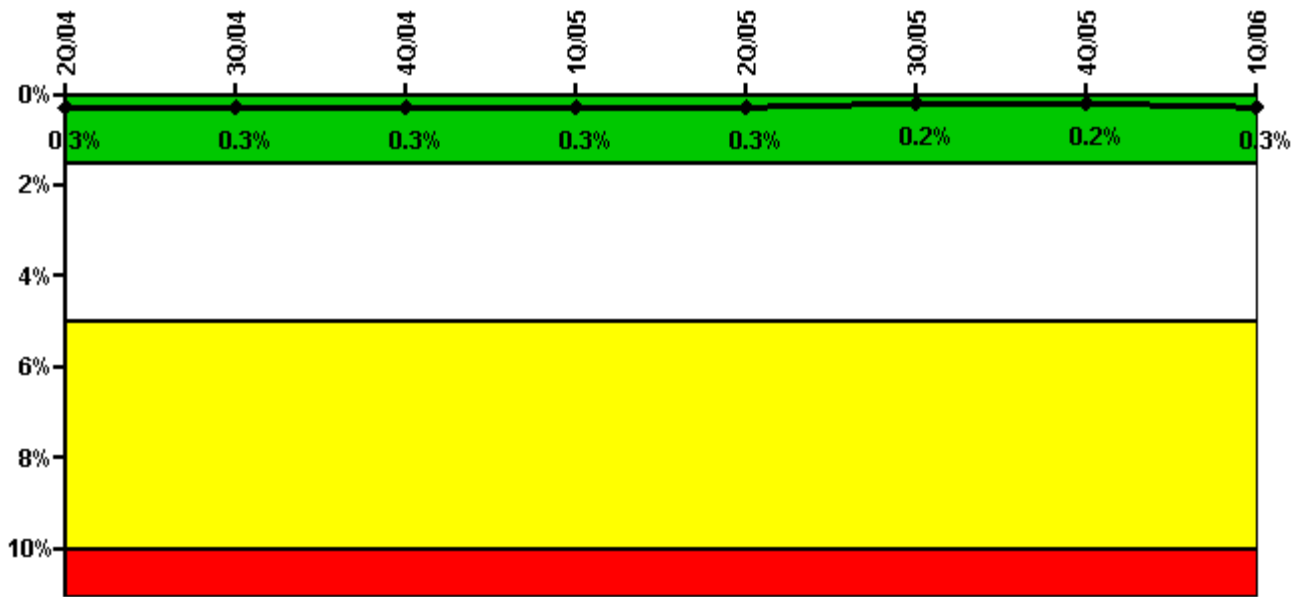
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	44.00	2.60	2.70	4.30	48.30	43.00	71.90	15.50
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	0.30	30.10	0	26.10	1.70	31.50	52.80	21.80
Unplanned unavailable hours	0	0	0	14.00	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Train 3								
Planned unavailable hours	40.50	34.00	3.20	12.20	44.20	7.50	30.70	11.50
Unplanned unavailable hours	0	0	1.20	0	0	0	0	48.30
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Indicator value	1.0%	0.9%	0.9%	1.0%	1.0%	1.1%	1.2%	1.2%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



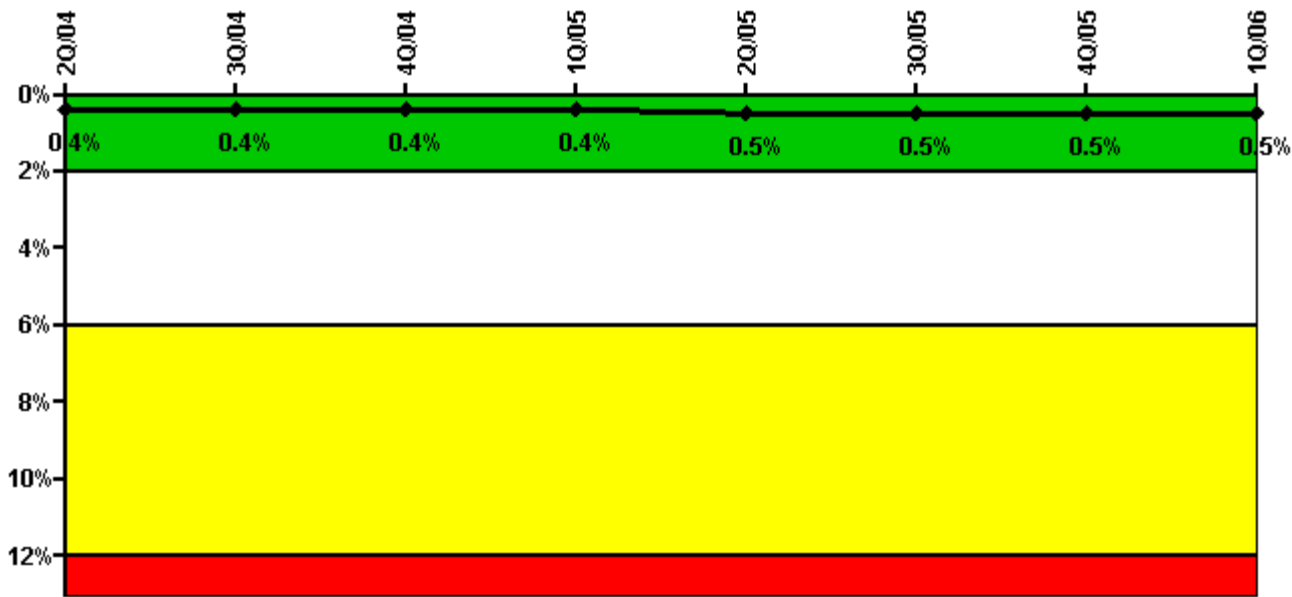
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	1.90	7.10	2.50	2.70	7.00	4.70	2.30	5.70
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	2183.00	2208.00	1160.84	2160.00	2148.32	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	6.60	9.90	2.90	4.90	2.90	7.60	7.50	18.62
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	1160.84	2160.00	2148.32	2208.00	2209.00	2160.00
Indicator value	0.3%	0.3%	0.3%	0.3%	0.3%	0.2%	0.2%	0.3%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



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

Notes

Safety System Unavailability, Heat Removal System (AFW)	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	3.20	5.30	2.80	11.40	7.70	5.70	2.90	6.70
Unplanned unavailable hours	0	0	2.70	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	1160.84	2160.00	2148.32	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	8.10	3.50	2.90	5.50	3.60	9.30	16.40	10.20
Unplanned unavailable hours	0	0	2.70	0	0	31.60	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	1160.84	2160.00	2148.32	2208.00	2209.00	2160.00
Train 3								
Planned unavailable hours	1.90	16.40	3.20	50.60	4.80	16.60	13.70	3.70
Unplanned unavailable hours	0	0	0	0	6.90	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	1160.84	2160.00	2148.32	2208.00	2209.00	2160.00
Indicator value	0.4%	0.4%	0.4%	0.4%	0.5%	0.5%	0.5%	0.5%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



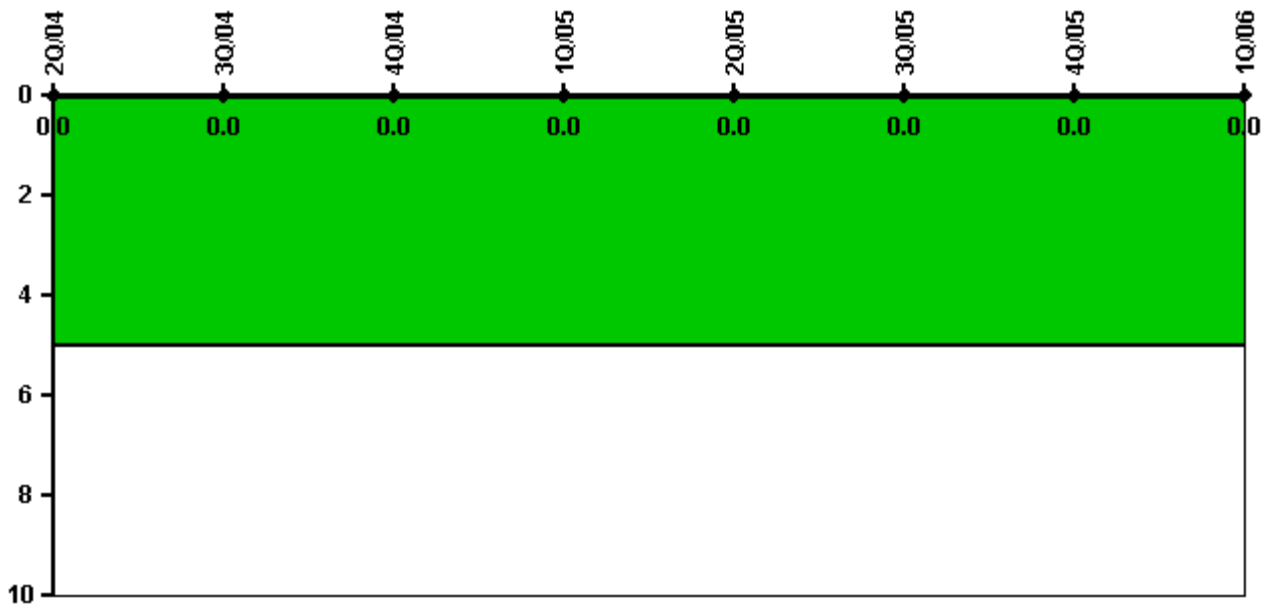
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	3.00	24.40	4.40	18.60	7.60	26.00	4.60	21.80
Unplanned unavailable hours	0	0	0	0	0	0	0	0.90
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	21.50	24.00	5.50	20.90	3.40	23.60	8.80	24.02
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Indicator value	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%

Licensee Comments: none

Safety System Functional Failures (PWR)



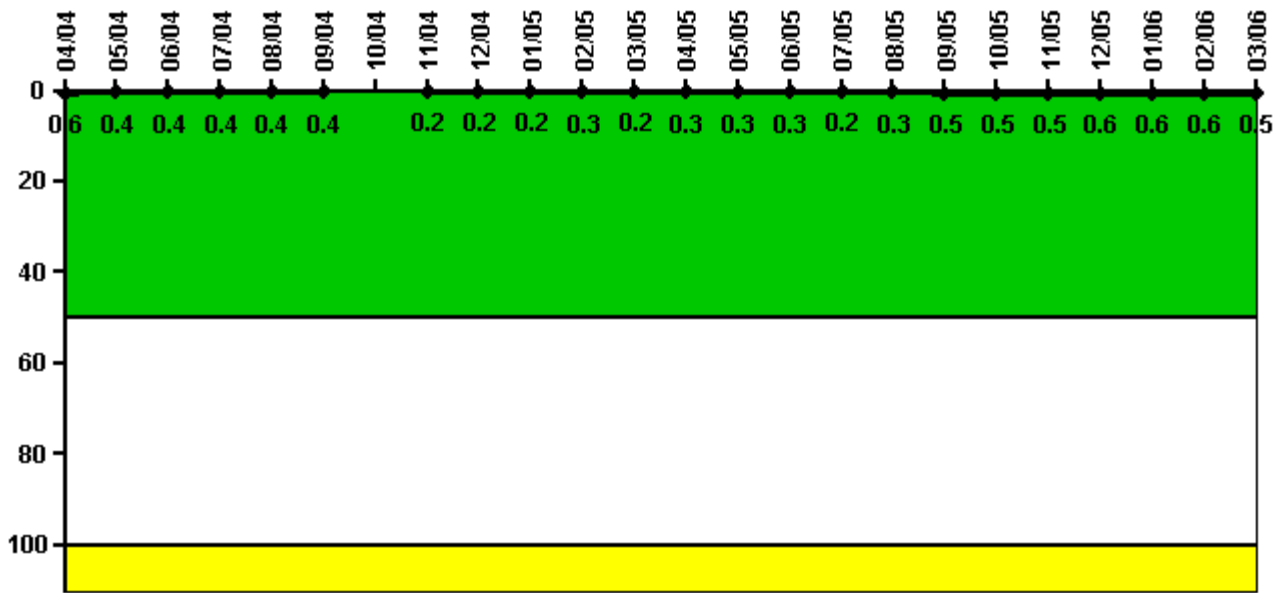
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

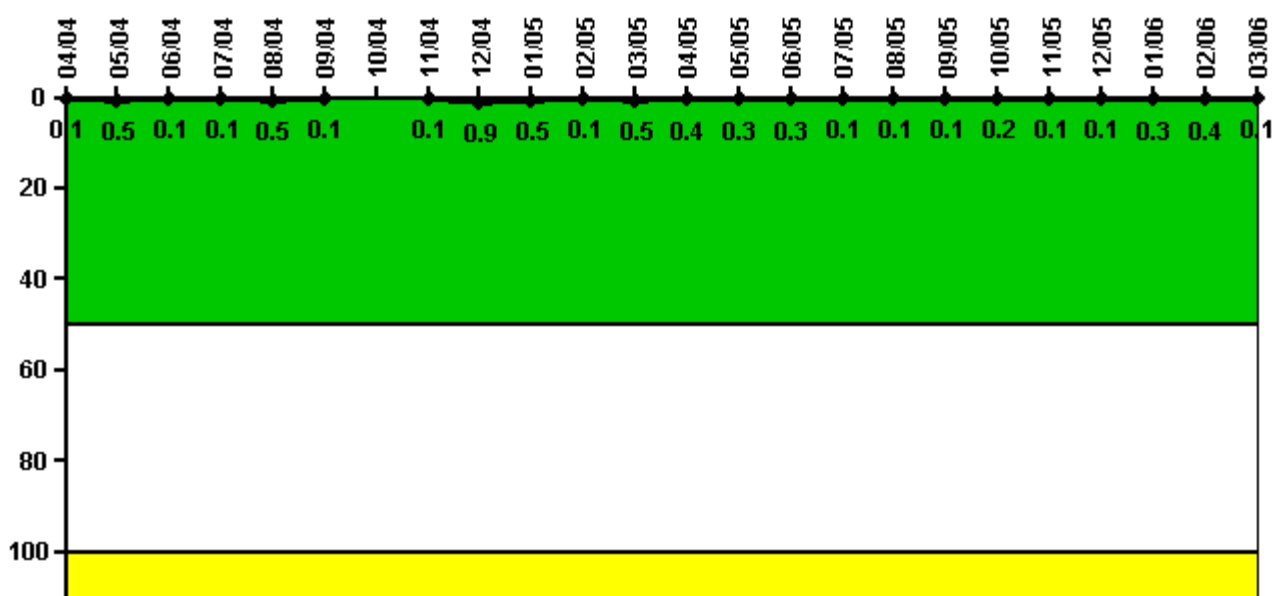
Notes

Reactor Coolant System Activity	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05
Maximum activity	0.002815	0.002128	0.001935	0.001817	0.001885	0.001885	N/A	0.000922	0.000989	0.001074	0.001336	0.000968
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.6	0.4	0.4	0.4	0.4	0.4	N/A	0.2	0.2	0.2	0.3	0.2

Reactor Coolant System Activity	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06
Maximum activity	0.001354	0.001300	0.001349	0.001245	0.001401	0.002277	0.002448	0.002715	0.002806	0.002925	0.002922	0.002318
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.3	0.3	0.3	0.2	0.3	0.5	0.5	0.5	0.6	0.6	0.6	0.5

Licensee Comments: none

Reactor Coolant System Leakage

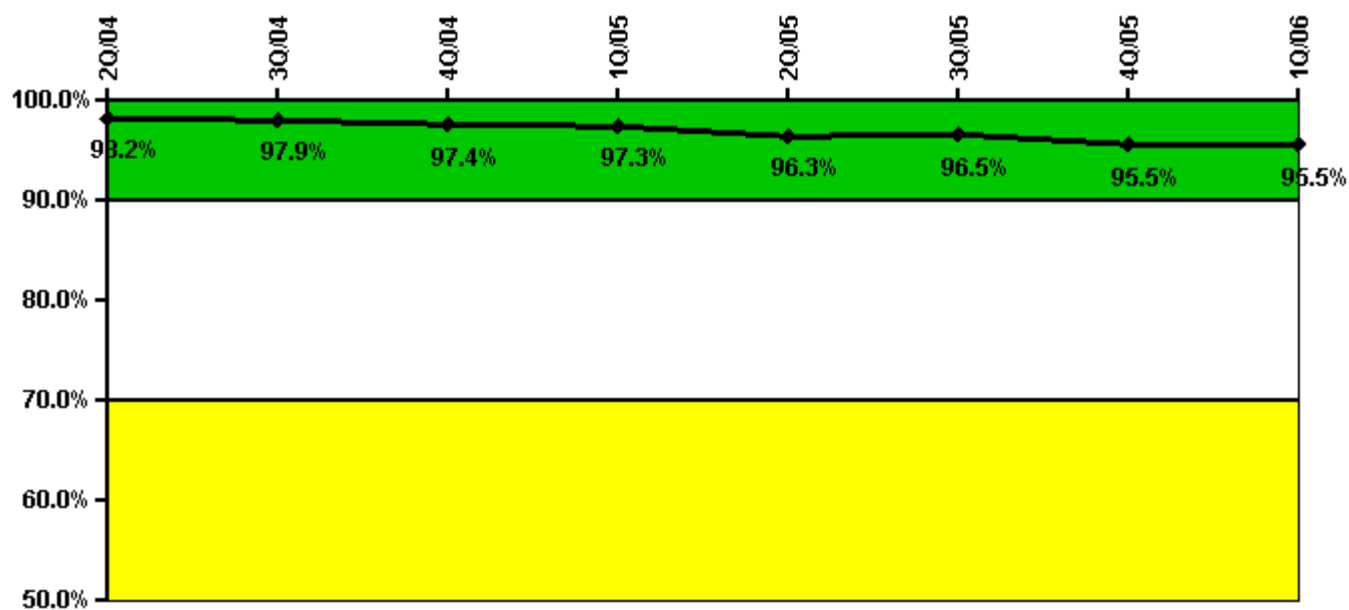


Thresholds: White > 50.0 Yellow > 100.0

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	0.009	0.051	0.009	0.012	0.048	0.010	N/A	0.010	0.090	0.050	0.010	0.050
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.5	0.1	0.1	0.5	0.1	N/A	0.1	0.9	0.5	0.1	0.5
Reactor Coolant System Leakage	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06
Maximum leakage	0.040	0.030	0.030	0.010	0.010	0.010	0.020	0.010	0.010	0.030	0.040	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	0.3	0.1	0.1	0.1	0.2	0.1	0.1	0.3	0.4	0.1

Licensee Comments: none

Drill/Exercise Performance

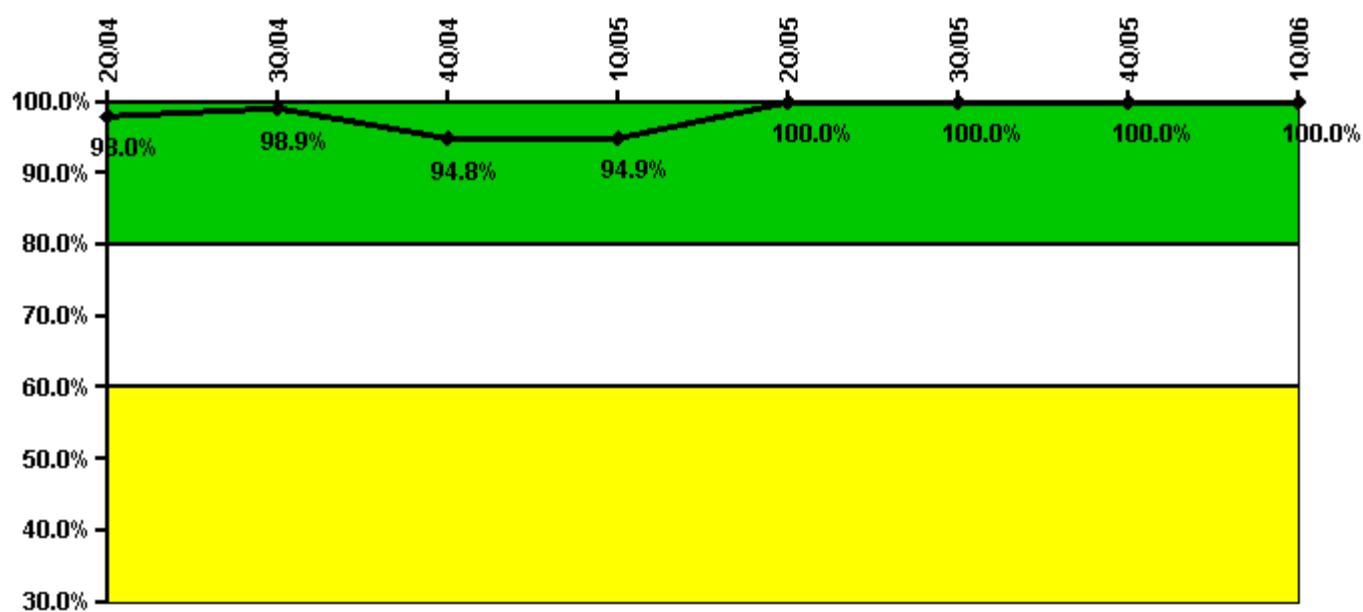
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Successful opportunities	2.0	71.0	34.0	0	67.0	59.0	2.0	0
Total opportunities	2.0	74.0	36.0	0	72.0	60.0	2.0	0
Indicator value	98.2%	97.9%	97.4%	97.3%	96.3%	96.5%	95.5%	95.5%

Licensee Comments: none

ERO Drill Participation



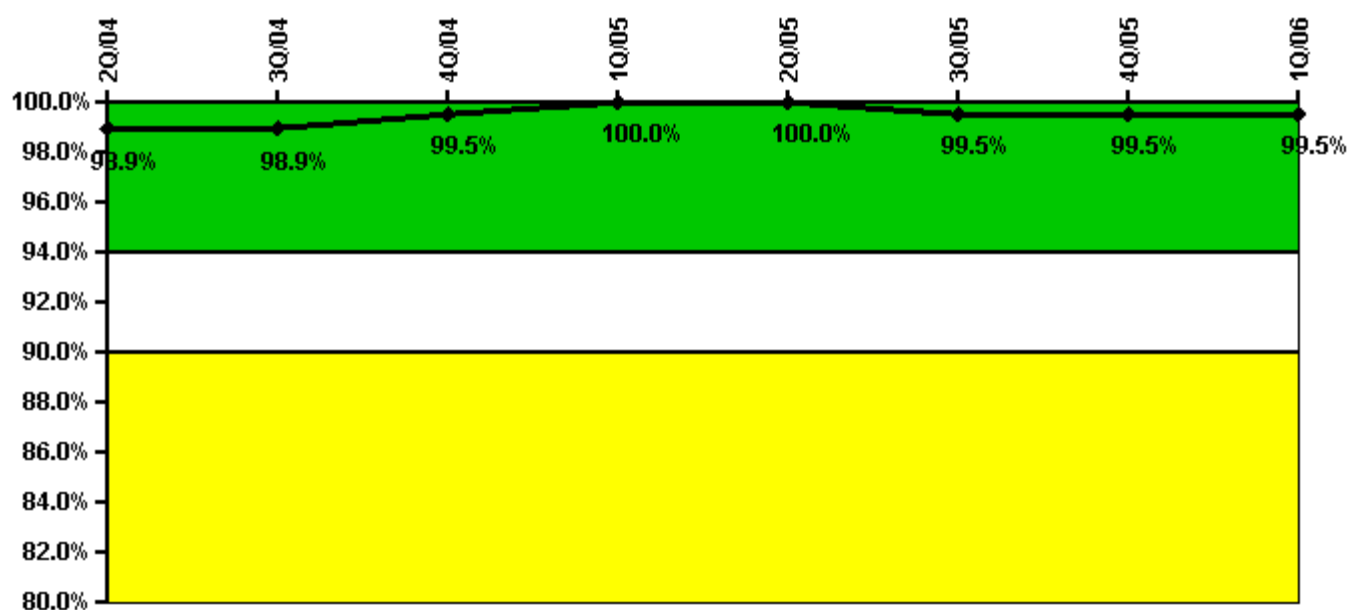
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Participating Key personnel	97.0	91.0	91.0	93.0	108.0	106.0	102.0	105.0
Total Key personnel	99.0	92.0	96.0	98.0	108.0	106.0	102.0	105.0
Indicator value	98.0%	98.9%	94.8%	94.9%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



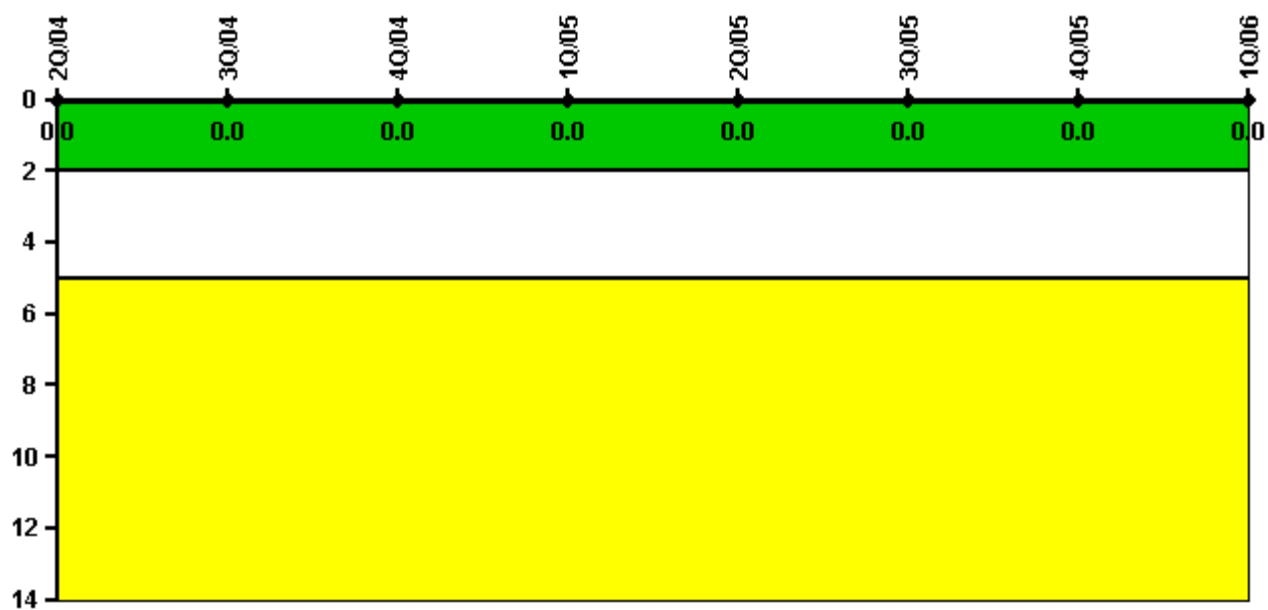
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Successful siren-tests	45	45	51	48	48	47	48	48
Total sirens-tests	45	45	51	48	48	48	48	48
Indicator value	98.9%	98.9%	99.5%	100.0%	100.0%	99.5%	99.5%	99.5%

Licensee Comments: none

Occupational Exposure Control Effectiveness

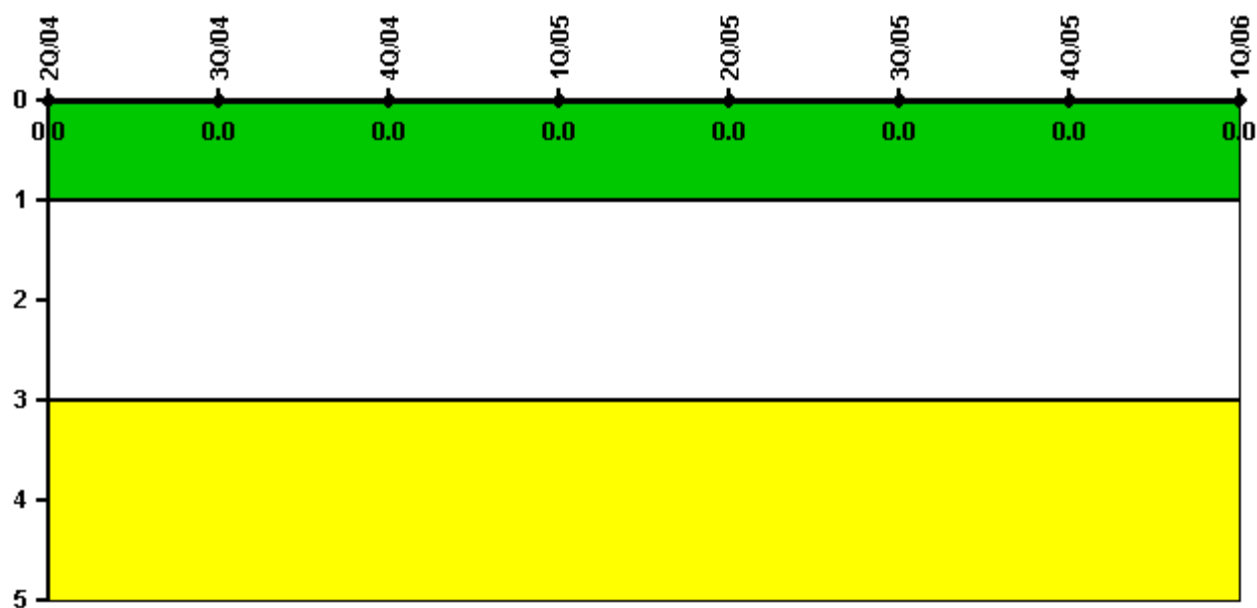


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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](#)

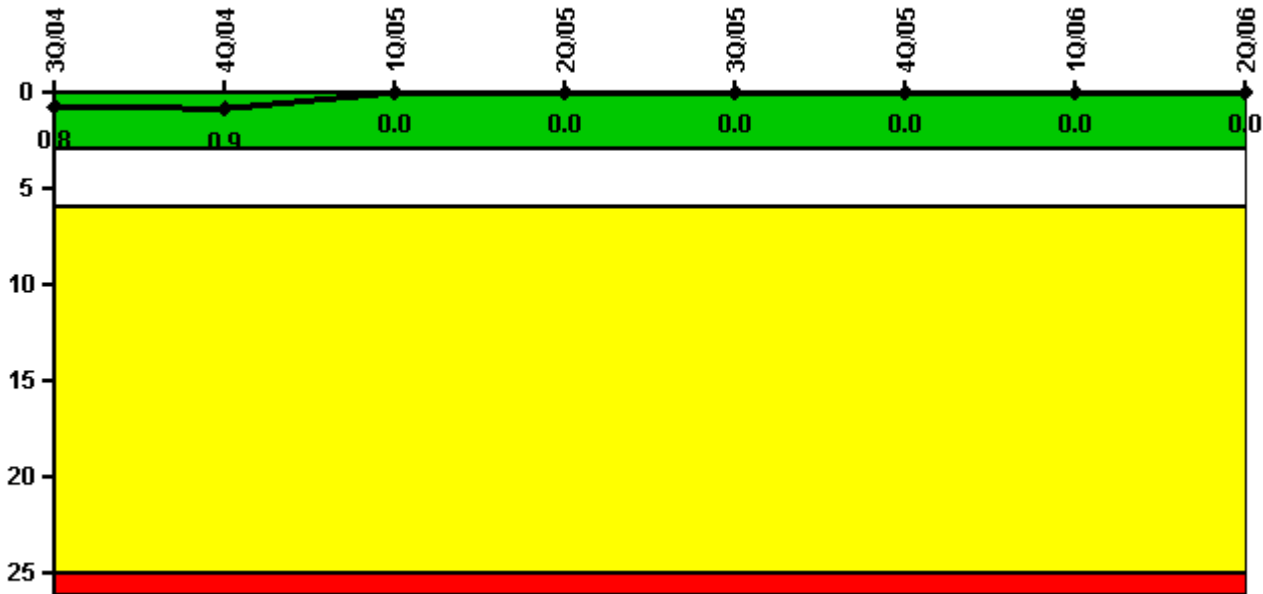
Last Modified: May 5, 2006

Farley 1

2Q/2006 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



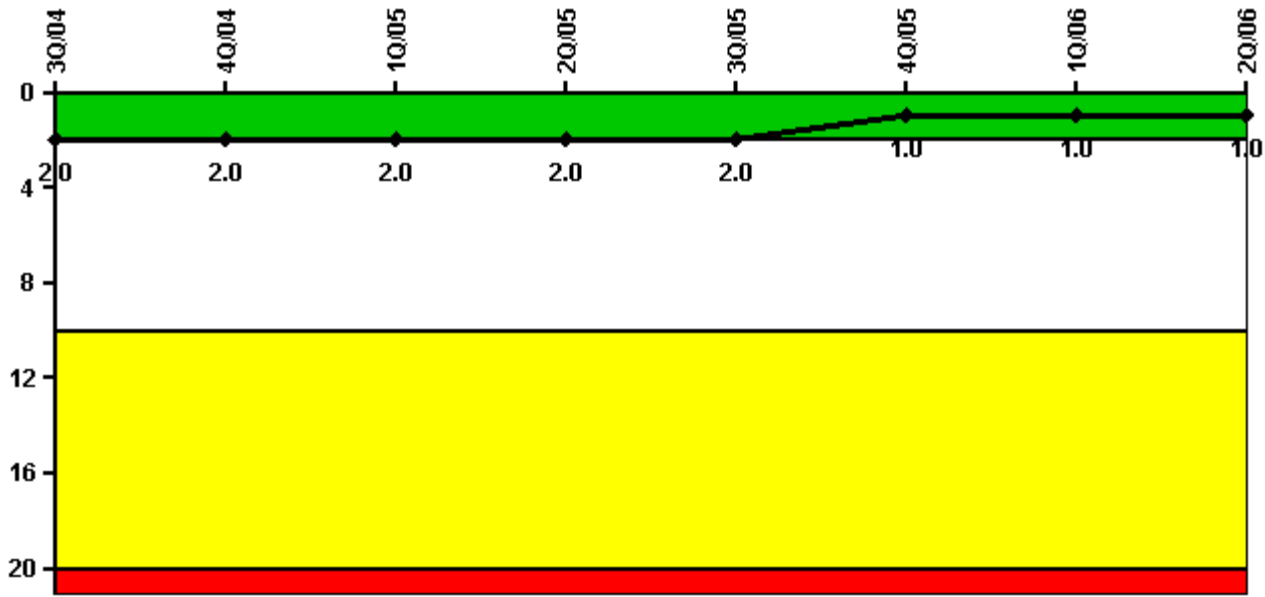
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2208.0	1160.8	2160.0	2148.3	2208.0	2209.0	2160.0	1085.0
Indicator value	0.8	0.9	0	0	0	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



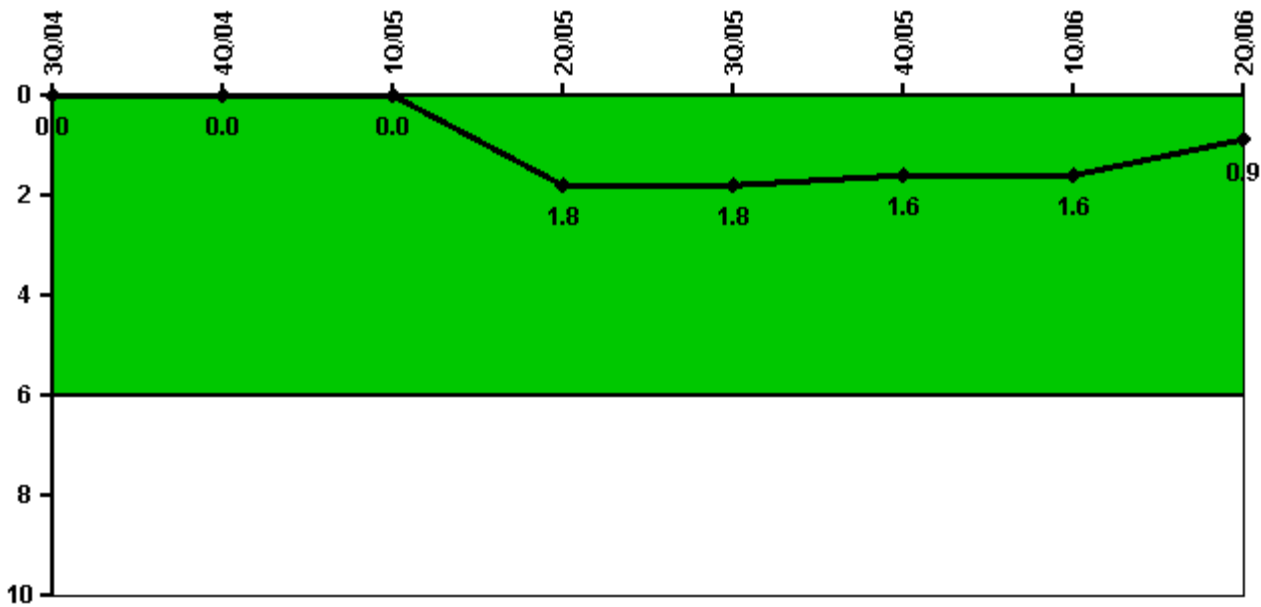
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	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	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



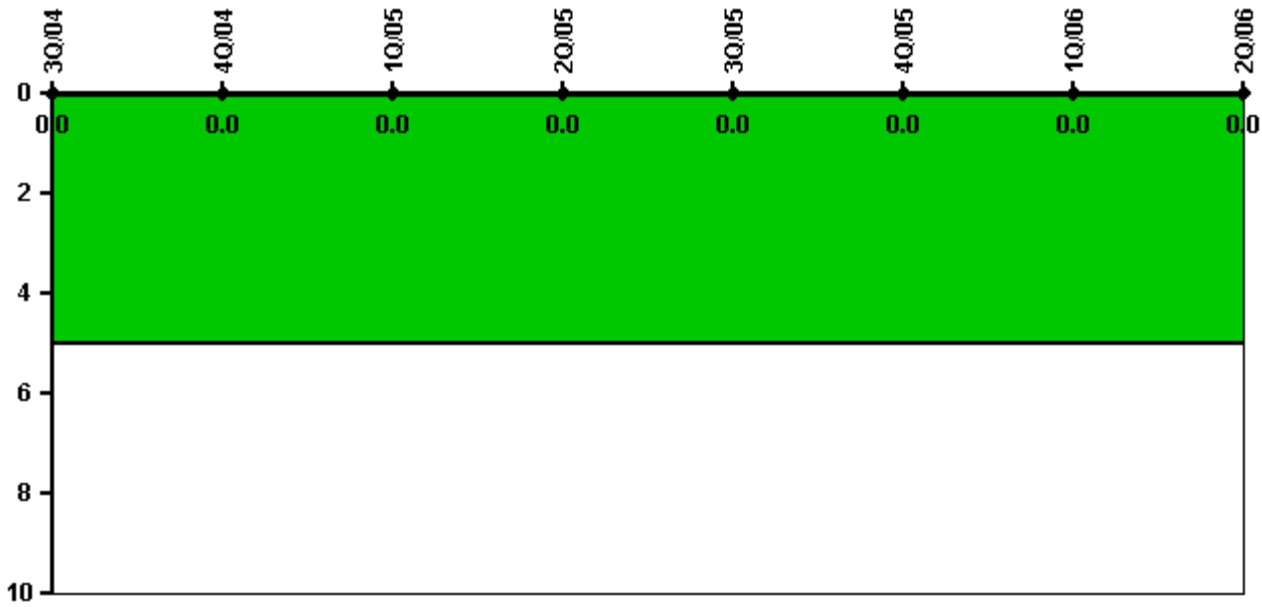
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Unplanned power changes	0	0	0	2.0	0	0	0	1.0
Critical hours	2208.0	1160.8	2160.0	2148.3	2208.0	2209.0	2160.0	1085.0
Indicator value	0	0	0	1.8	1.8	1.6	1.6	0.9

Licensee Comments: none

Safety System Functional Failures (PWR)



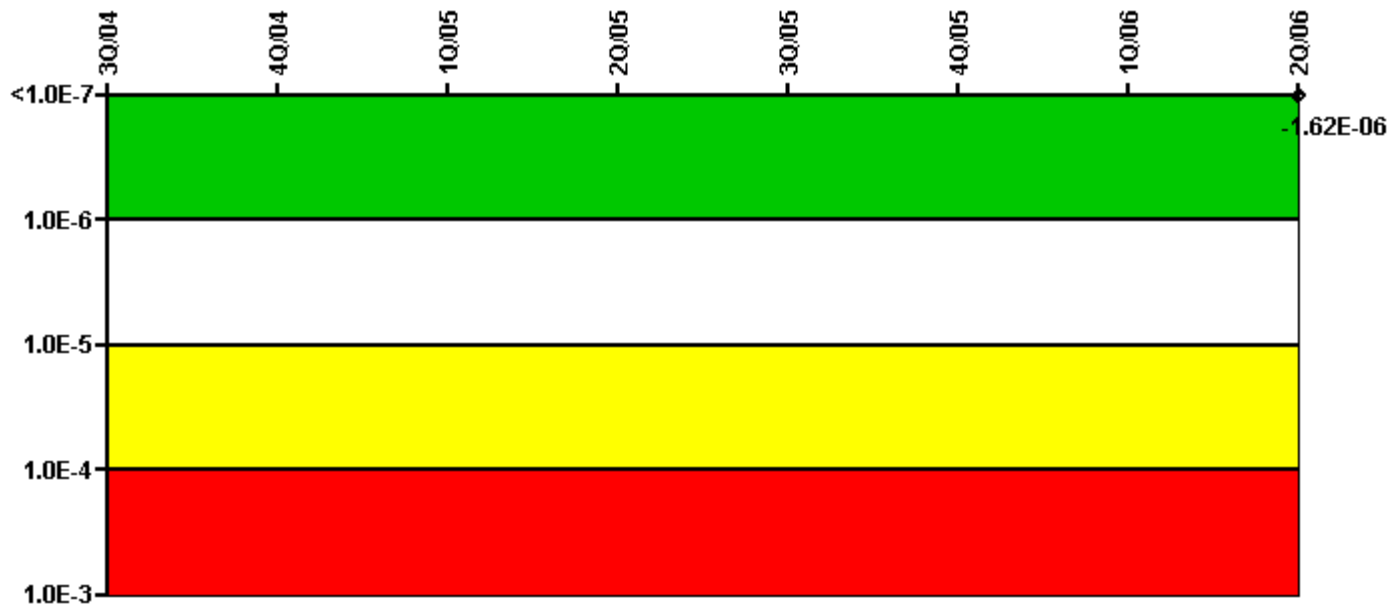
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



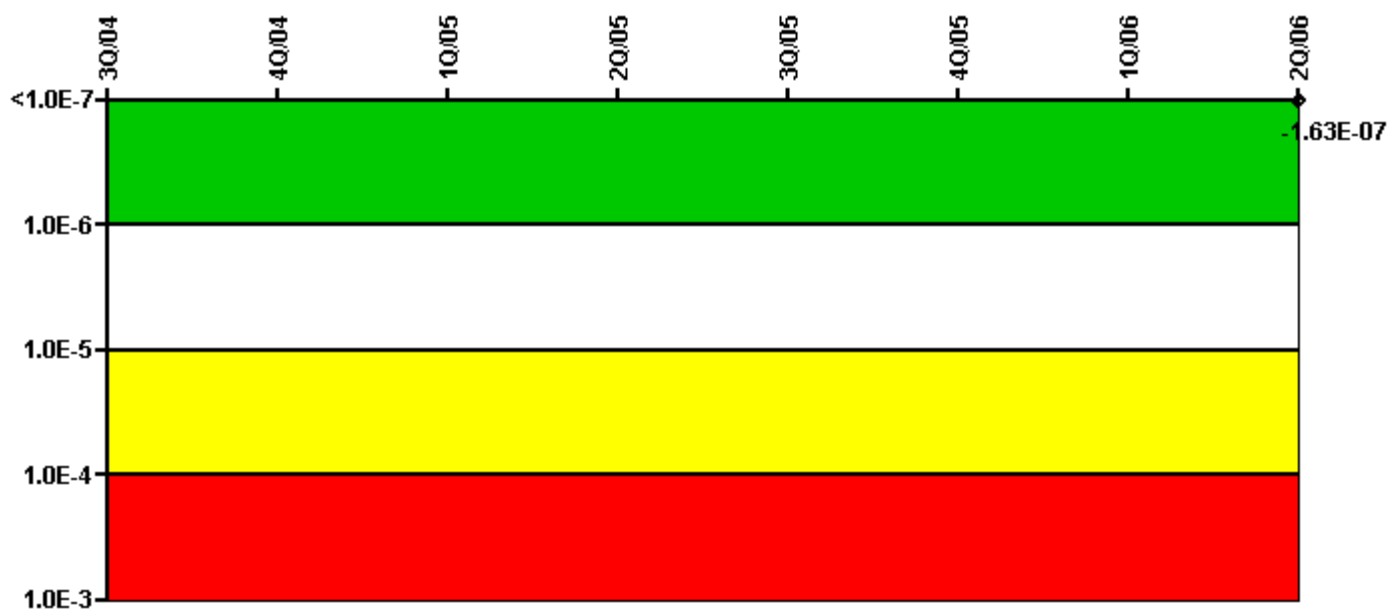
Thresholds: White $> 1.00E-6$ Yellow $> 1.00E-5$ Red $> 1.00E-4$

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 (Δ CDF)								4.80E-07
URI (Δ CDF)								-2.10E-06
PLE								NO
Indicator value								-1.62E-06

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



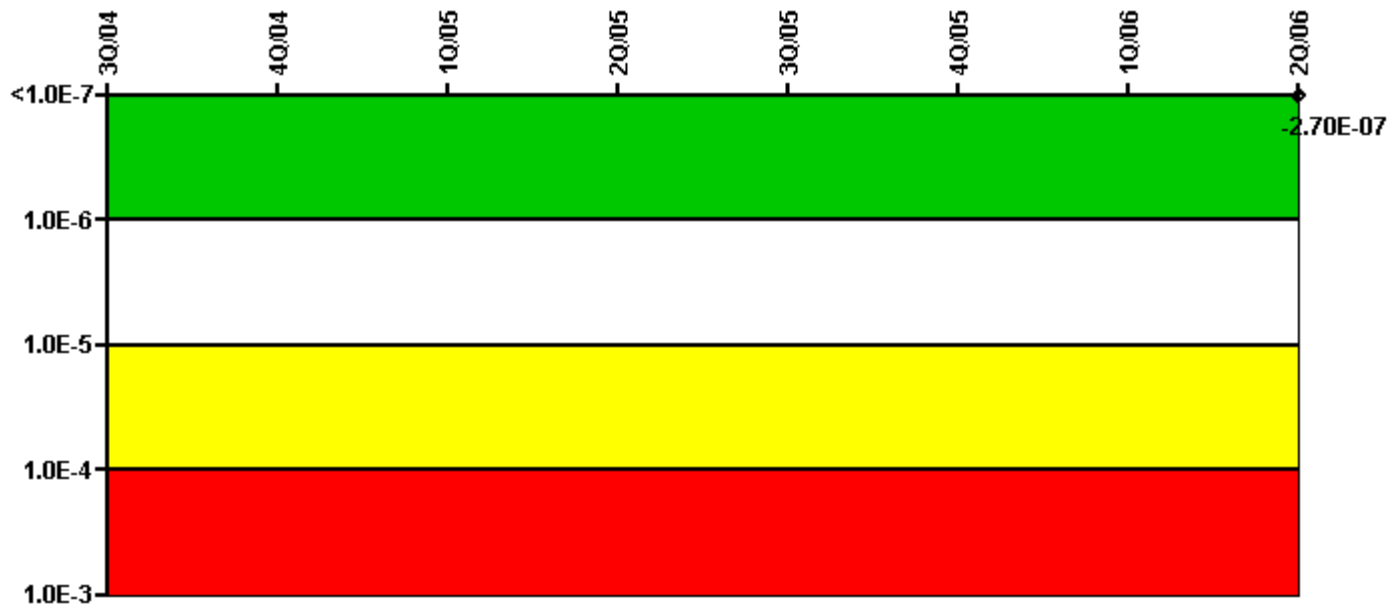
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (ΔCDF)								-8.50E-08
URI (ΔCDF)								-7.80E-08
PLE								NO
Indicator value								-1.63E-07

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



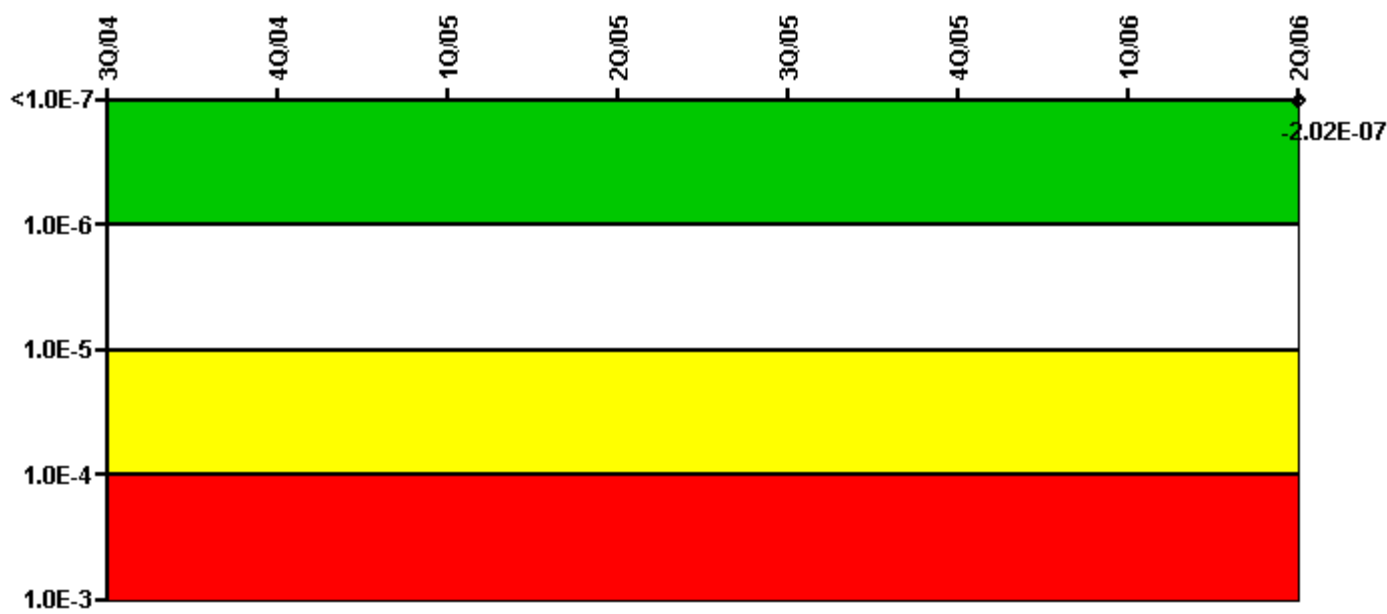
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (Δ CDF)								3.90E-07
URI (Δ CDF)								-6.60E-07
PLE								NO
Indicator value								-2.70E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



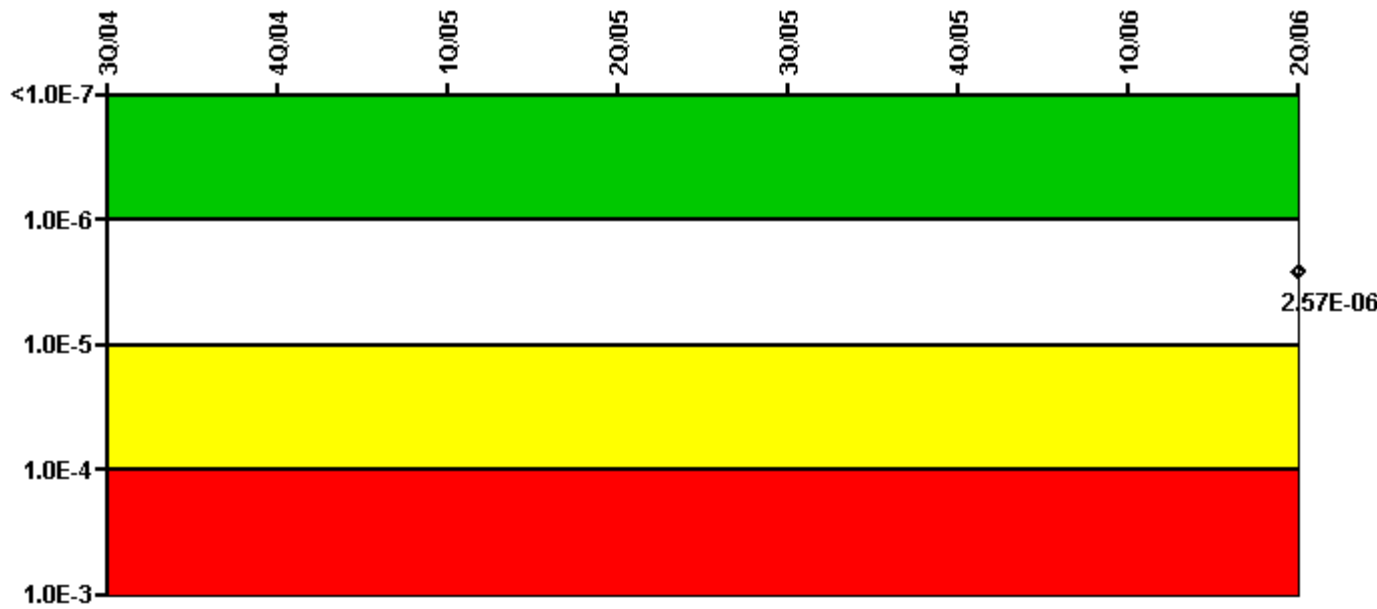
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)								9.80E-08
URI (ΔCDF)								-3.00E-07
PLE								NO
Indicator value								-2.02E-07

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



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

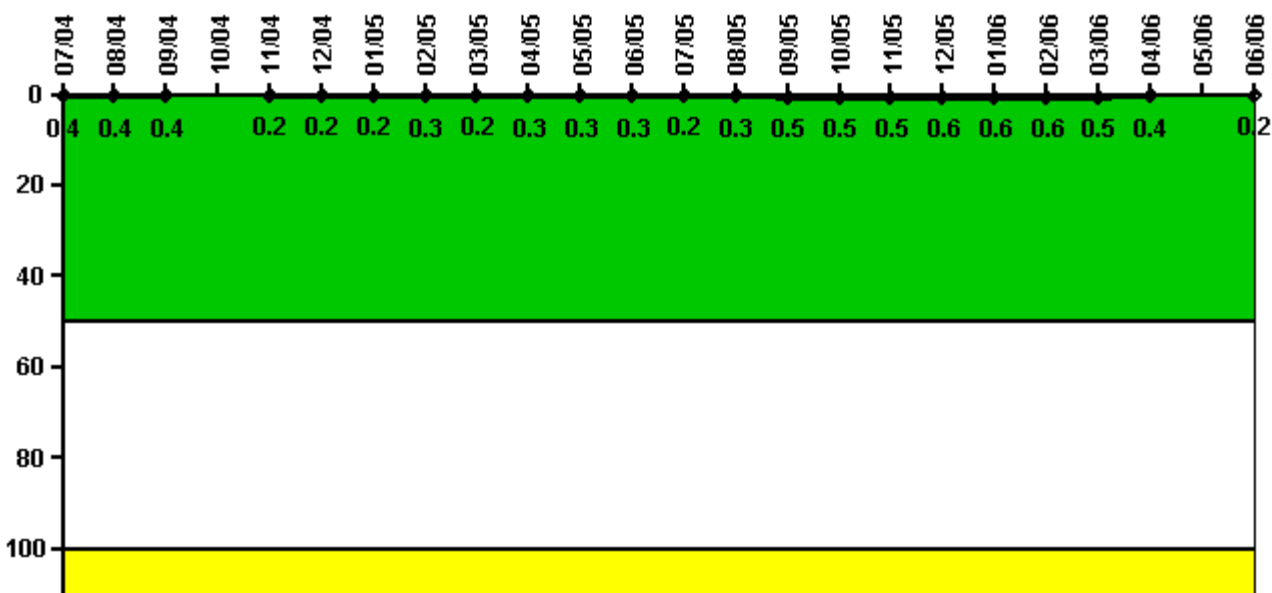
Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (Δ CDF)								2.70E-07
URI (Δ CDF)								2.30E-06
PLE								NO
Indicator value								2.57E-06

Licensee Comments:

2Q/06: Risk Cap Invoked. White threshold exceeded due to combination of PRA model conservatism, plant design, and performance of certain circuit breakers. Indicator may be revised based on clarification of industry guidance.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

Notes

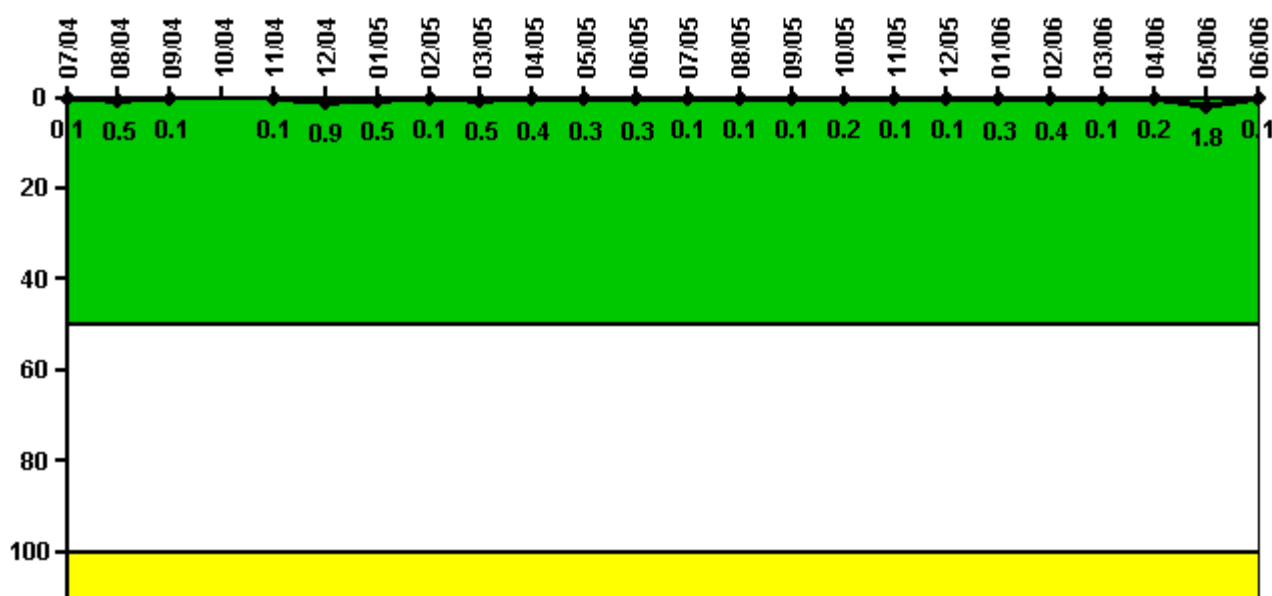
Reactor Coolant System Activity	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05
Maximum activity	0.001817	0.001885	0.001885	N/A	0.000922	0.000989	0.001074	0.001336	0.000968	0.001354	0.001300	0.001349
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.4	0.4	0.4	N/A	0.2	0.2	0.2	0.3	0.2	0.3	0.3	0.3

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	0.001245	0.001401	0.002277	0.002448	0.002715	0.002806	0.002925	0.002922	0.002318	0.002097	N/A	0.001010
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.2	0.3	0.5	0.5	0.5	0.6	0.6	0.6	0.5	0.4	N/A	0.2

Licensee Comments:

6/06: NA for May 2006 due to refueling outage.

Reactor Coolant System Leakage



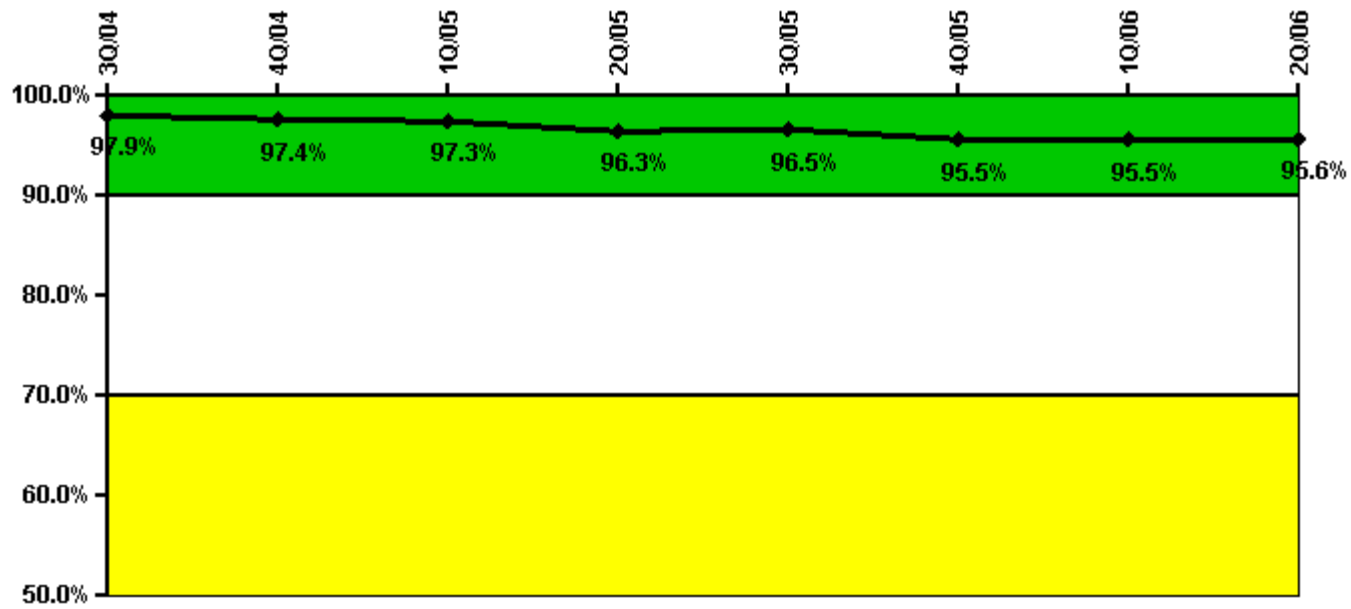
Thresholds: White > 50.0 Yellow > 100.0

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	0.012	0.048	0.010	N/A	0.010	0.090	0.050	0.010	0.050	0.040	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	0.1	0.5	0.1	N/A	0.1	0.9	0.5	0.1	0.5	0.4	0.3	0.3
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	0.010	0.010	0.010	0.020	0.010	0.010	0.030	0.040	0.010	0.020	0.180	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	0.1	0.2	0.1	0.1	0.3	0.4	0.1	0.2	1.8	0.1

Licensee Comments: none

Drill/Exercise Performance



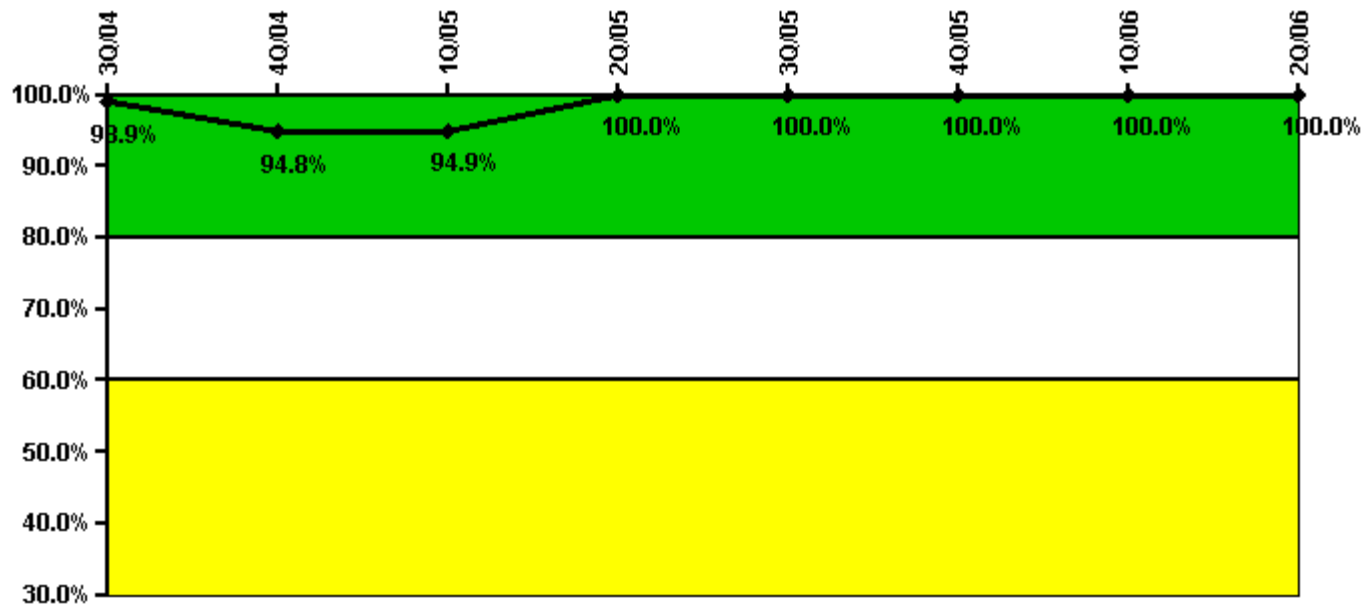
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Successful opportunities	71.0	34.0	0	67.0	59.0	2.0	0	6.0
Total opportunities	74.0	36.0	0	72.0	60.0	2.0	0	6.0
Indicator value	97.9%	97.4%	97.3%	96.3%	96.5%	95.5%	95.5%	95.6%

Licensee Comments: none

ERO Drill Participation



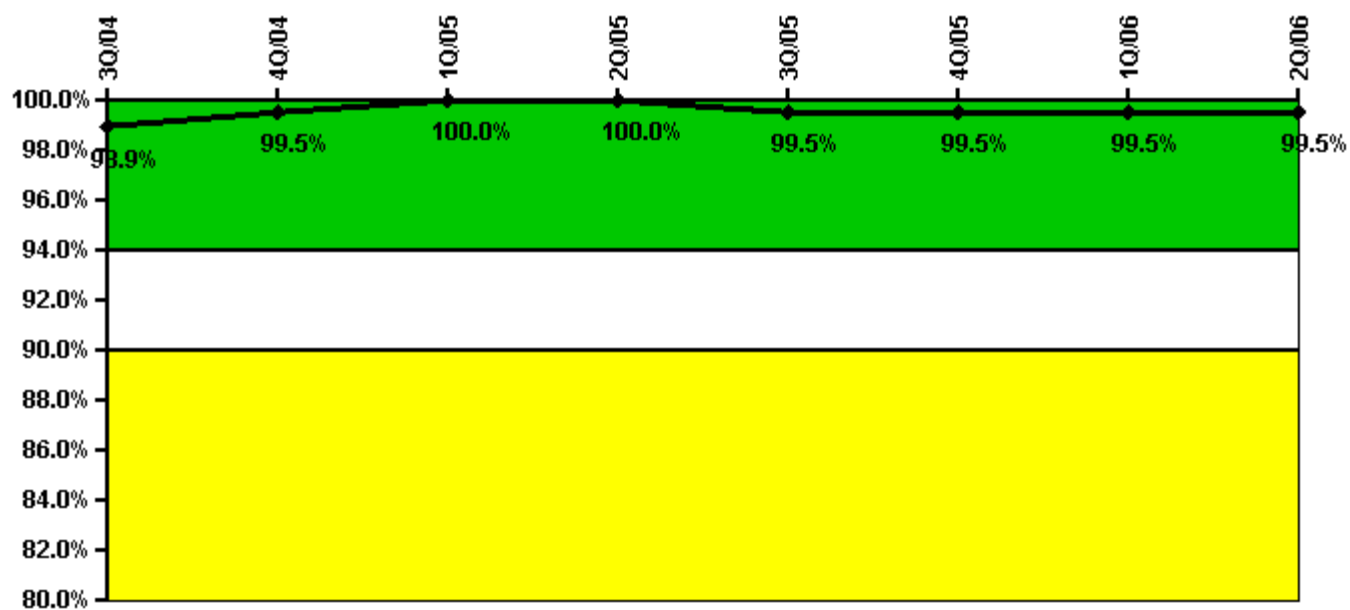
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Participating Key personnel	91.0	91.0	93.0	108.0	106.0	102.0	105.0	106.0
Total Key personnel	92.0	96.0	98.0	108.0	106.0	102.0	105.0	106.0
Indicator value	98.9%	94.8%	94.9%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



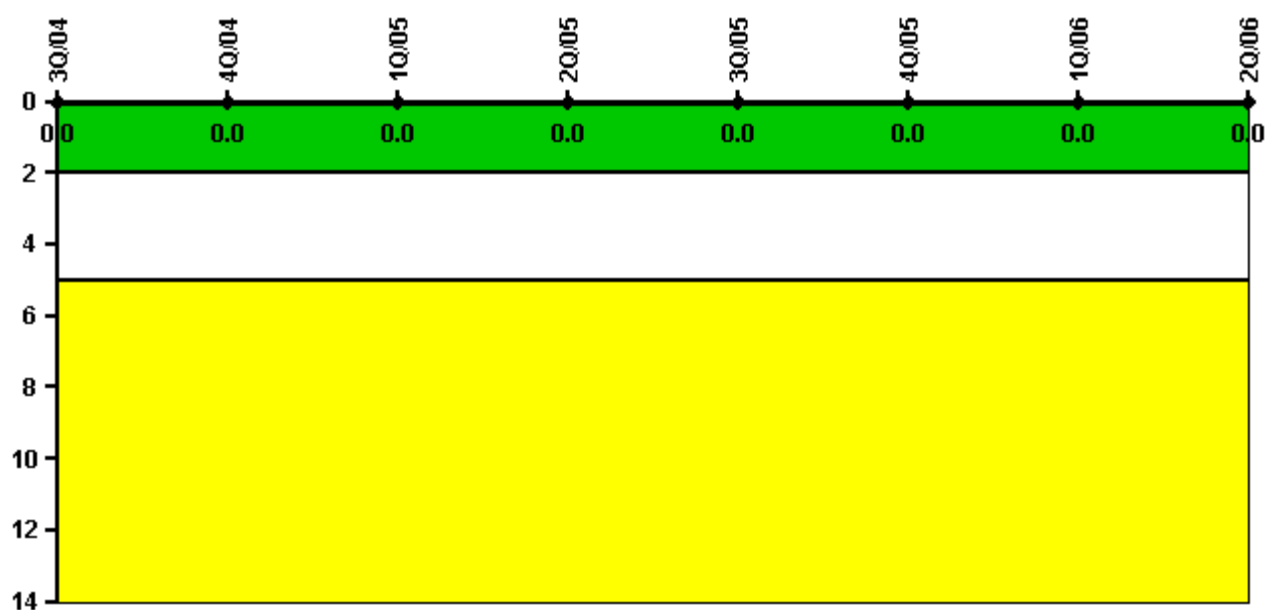
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Successful siren-tests	45	51	48	48	47	48	48	48
Total sirens-tests	45	51	48	48	48	48	48	48
Indicator value	98.9%	99.5%	100.0%	100.0%	99.5%	99.5%	99.5%	99.5%

Licensee Comments: none

Occupational Exposure Control Effectiveness

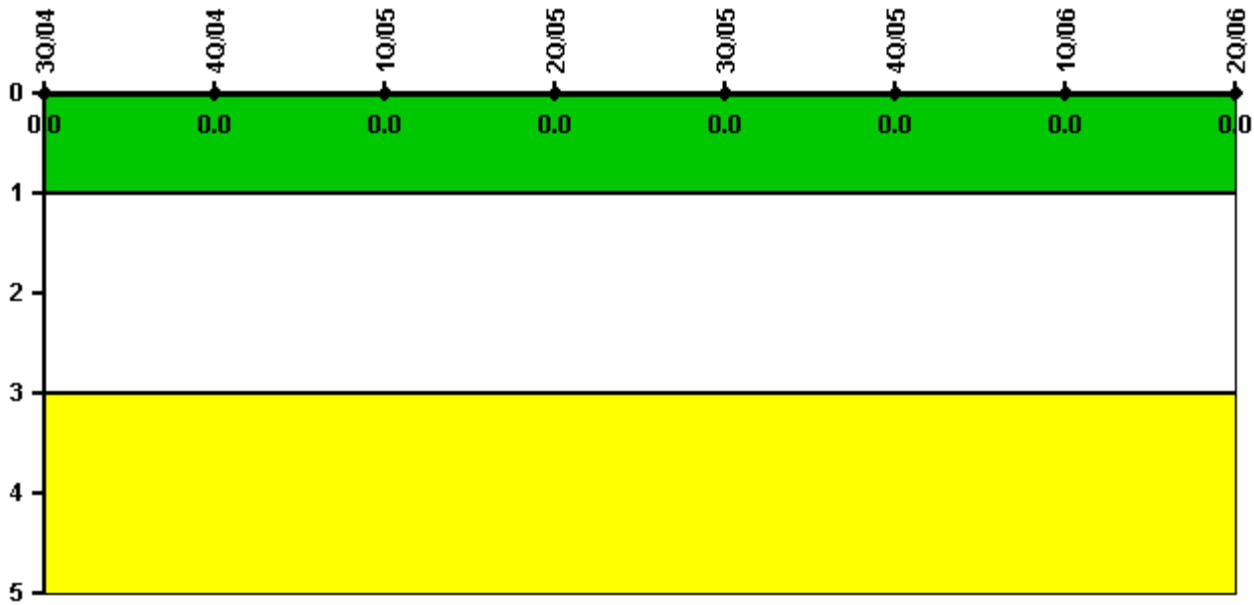


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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.

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

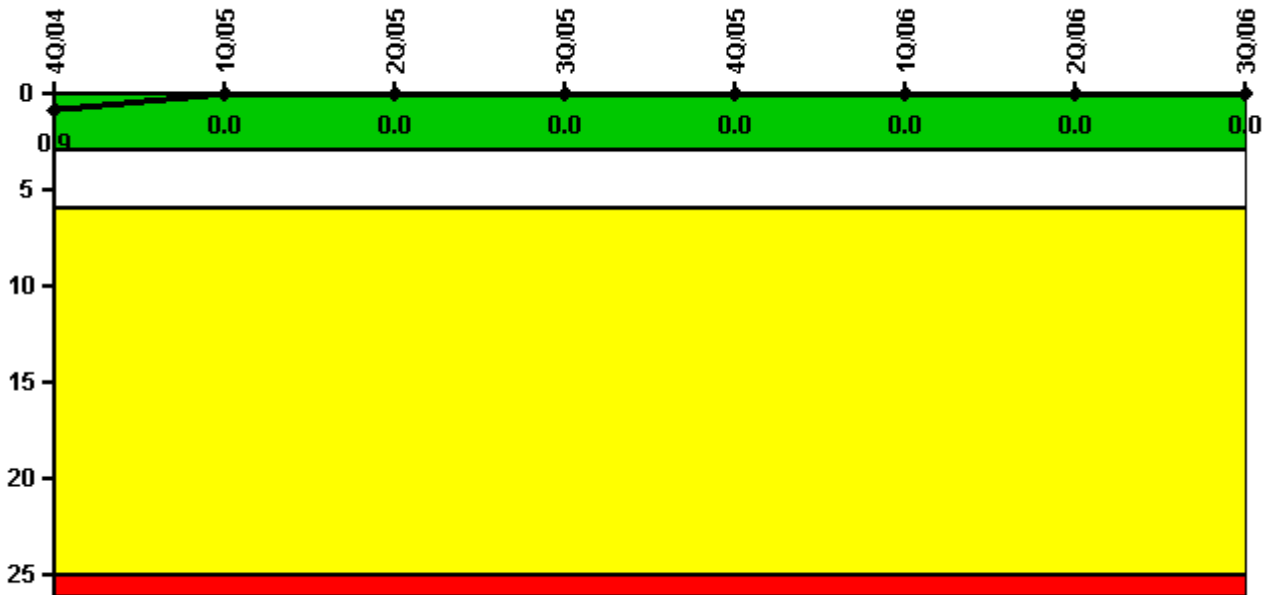
Last Modified: August 2, 2006

Farley 1

3Q/2006 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



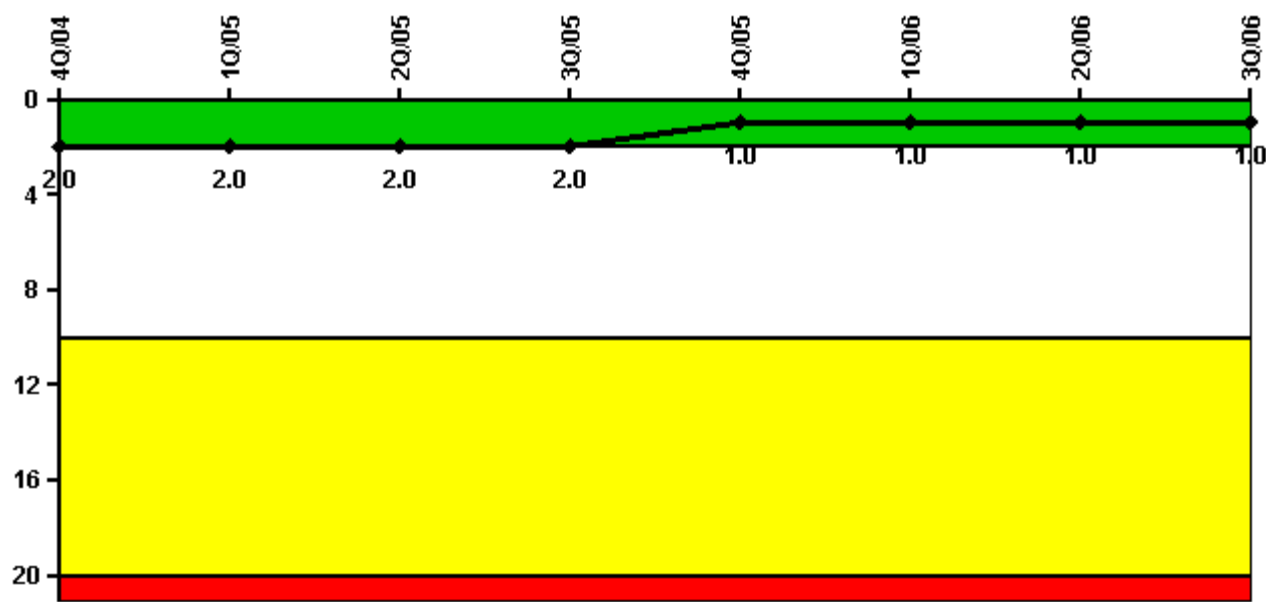
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	1160.8	2160.0	2148.3	2208.0	2209.0	2160.0	1085.0	2183.7
Indicator value	0.9	0	0	0	0	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



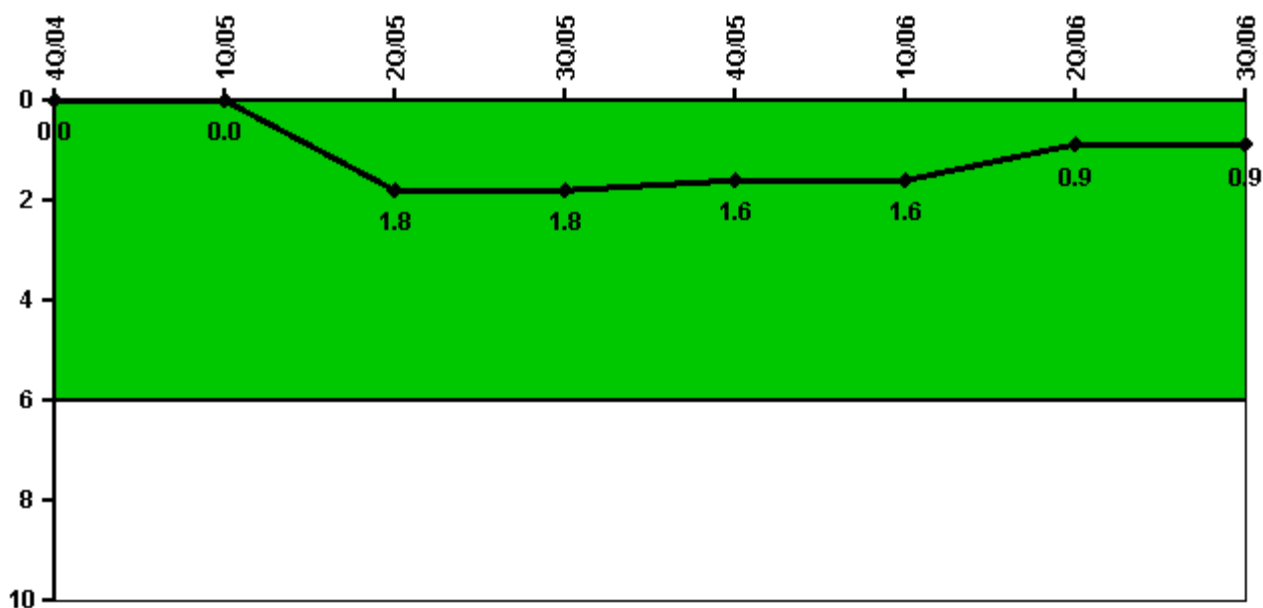
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	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	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



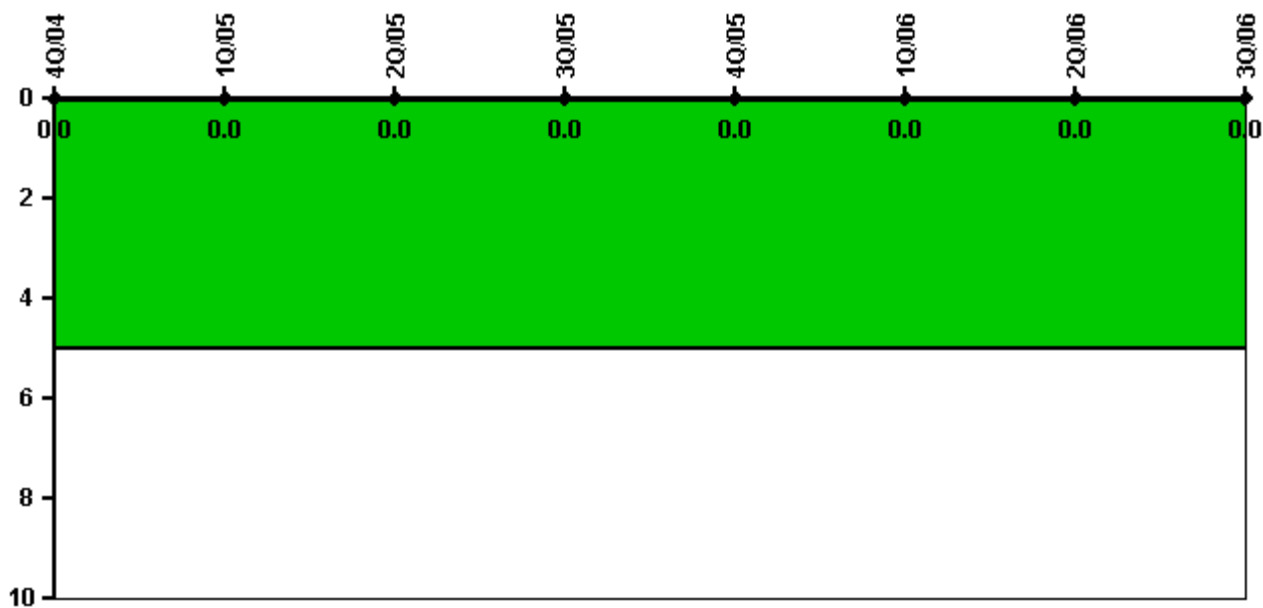
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Unplanned power changes	0	0	2.0	0	0	0	1.0	0
Critical hours	1160.8	2160.0	2148.3	2208.0	2209.0	2160.0	1085.0	2183.7
Indicator value	0	0	1.8	1.8	1.6	1.6	0.9	0.9

Licensee Comments: none

Safety System Functional Failures (PWR)



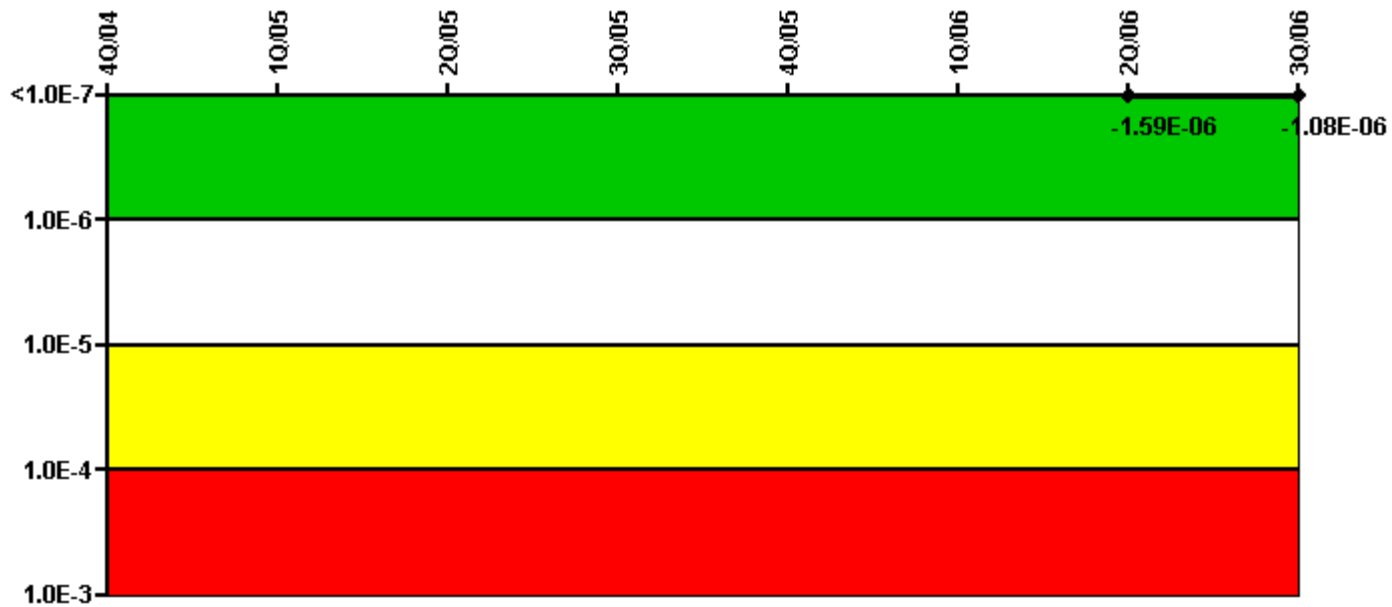
Thresholds: White > 5.0

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

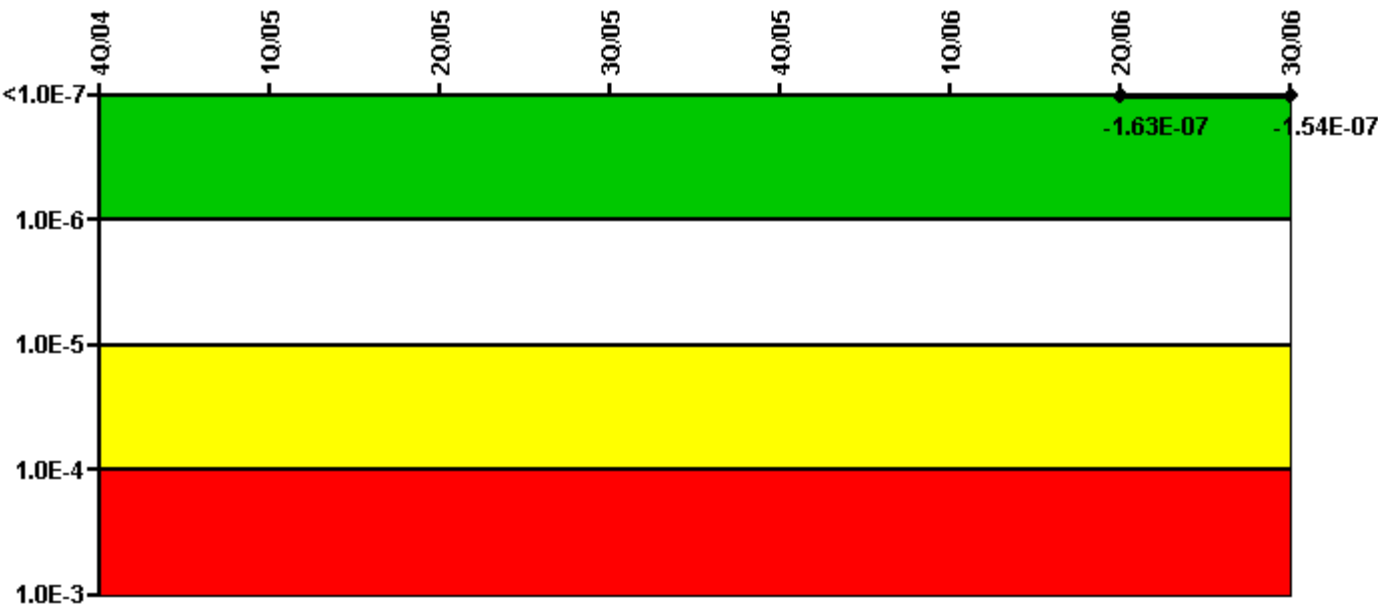
Notes

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)							5.10E-07	3.20E-07
URI (Δ CDF)							-2.10E-06	-1.40E-06
PLE							NO	NO
Indicator value							-1.59E-06	-1.08E-06

Licensee Comments:

3Q/06: Corrected data for February 2006 overhaul of Train C EDG which had been inadvertently omitted during the transition to new reporting requirements. Color unaffected.

Mitigating Systems Performance Index, High Pressure Injection System



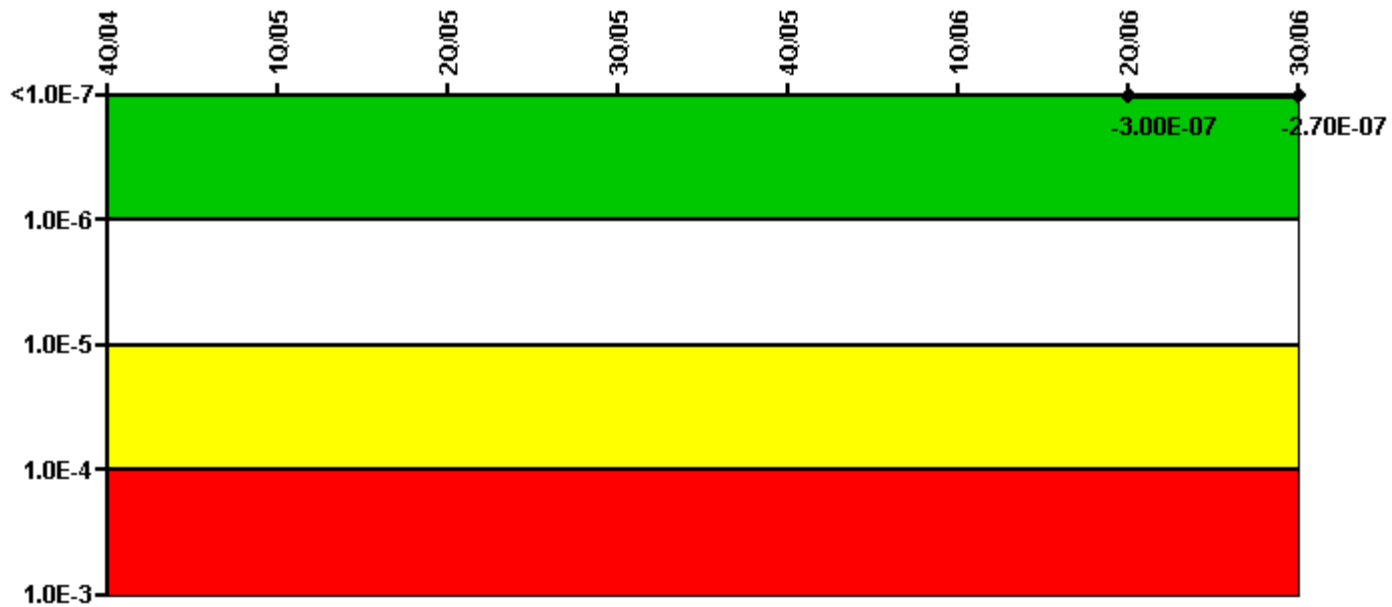
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (ΔCDF)							-8.50E-08	-8.40E-08
URI (ΔCDF)							-7.80E-08	-7.00E-08
PLE							NO	NO
Indicator value							-1.63E-07	-1.54E-07

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



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

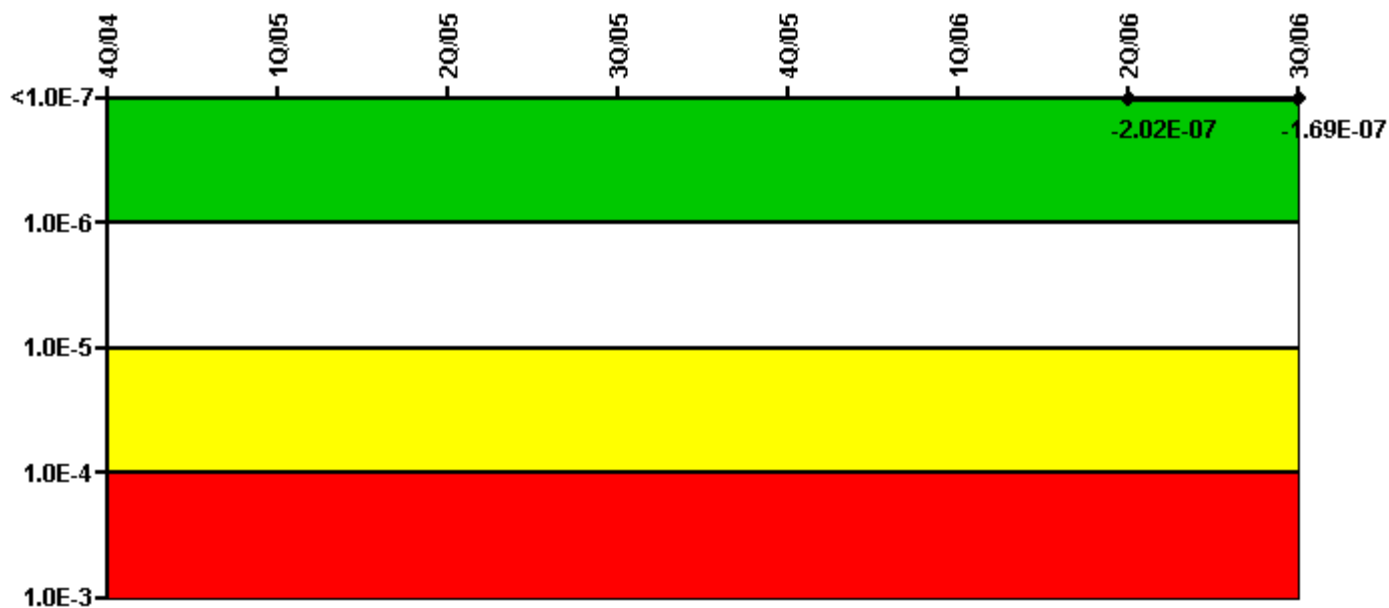
Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (ΔCDF)							3.60E-07	2.50E-07
URI (ΔCDF)							-6.60E-07	-5.20E-07
PLE							NO	NO
Indicator value							-3.00E-07	-2.70E-07

Licensee Comments:

3Q/06: Removed unavailable hours for Train C pump incurred May 2006 when reactor not critical. Color unaffected.

Mitigating Systems Performance Index, Residual Heat Removal System



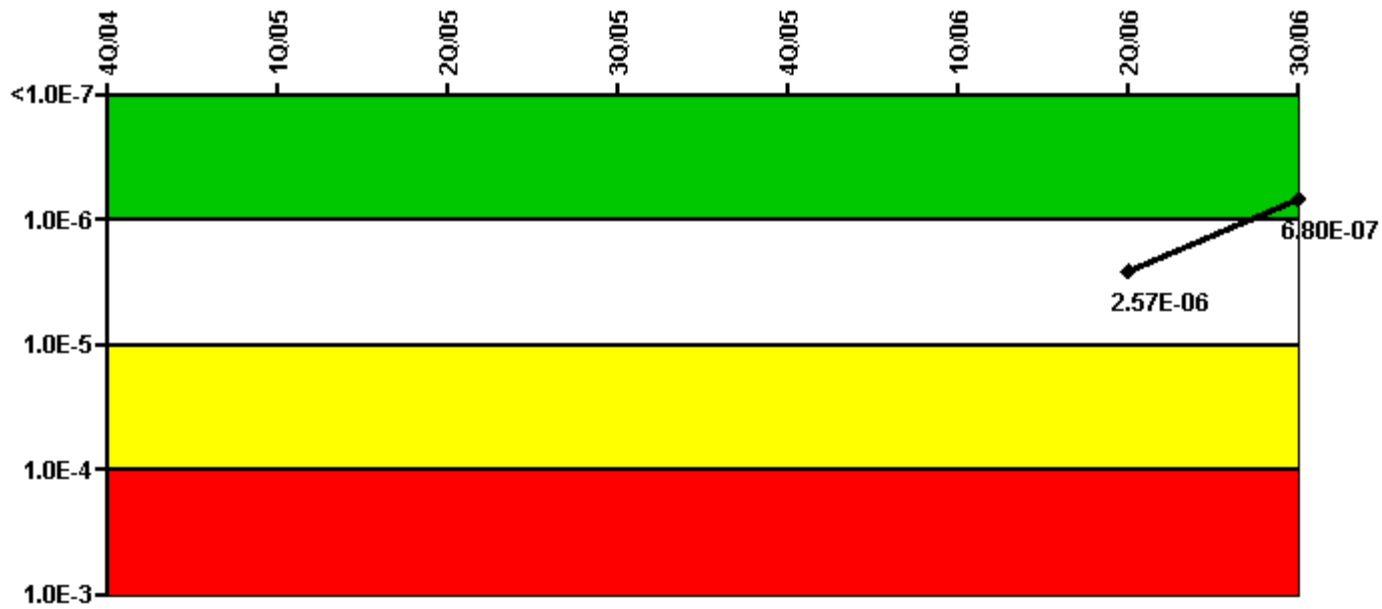
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (ΔCDF)							9.80E-08	4.10E-08
URI (ΔCDF)							-3.00E-07	-2.10E-07
PLE							NO	NO
Indicator value							-2.02E-07	-1.69E-07

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



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

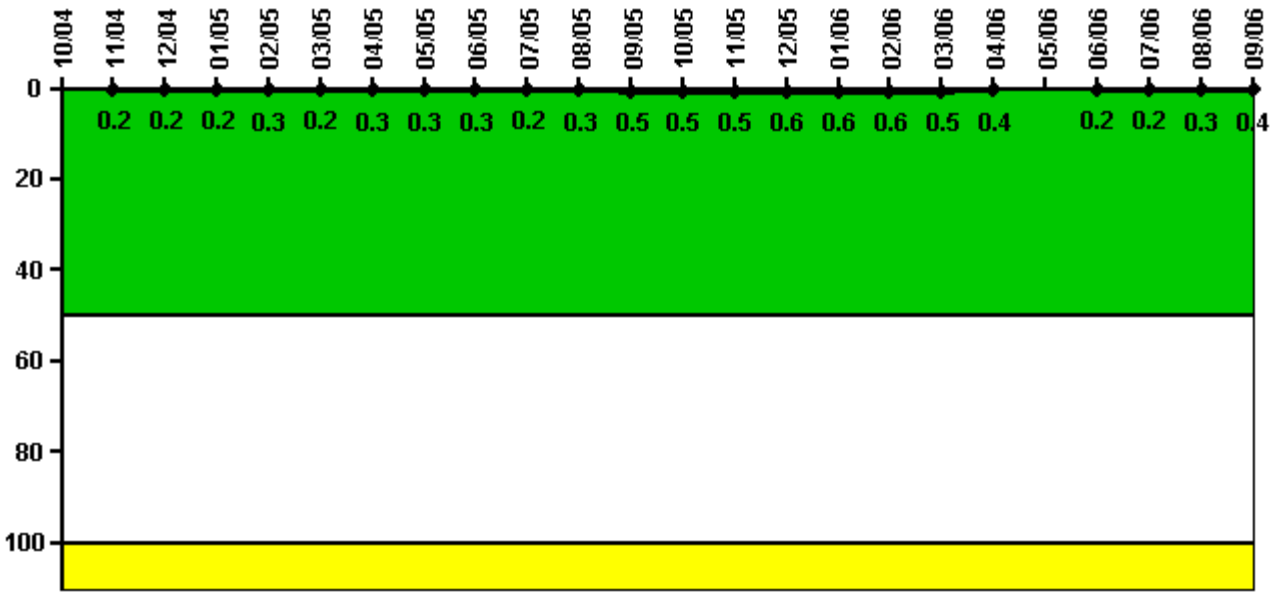
Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (ACDF)							2.70E-07	2.50E-07
URI (ACDF)							2.30E-06	4.30E-07
PLE							NO	NO
Indicator value							2.57E-06	6.80E-07

Licensee Comments:

3Q/06: Risk Cap Invoked.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

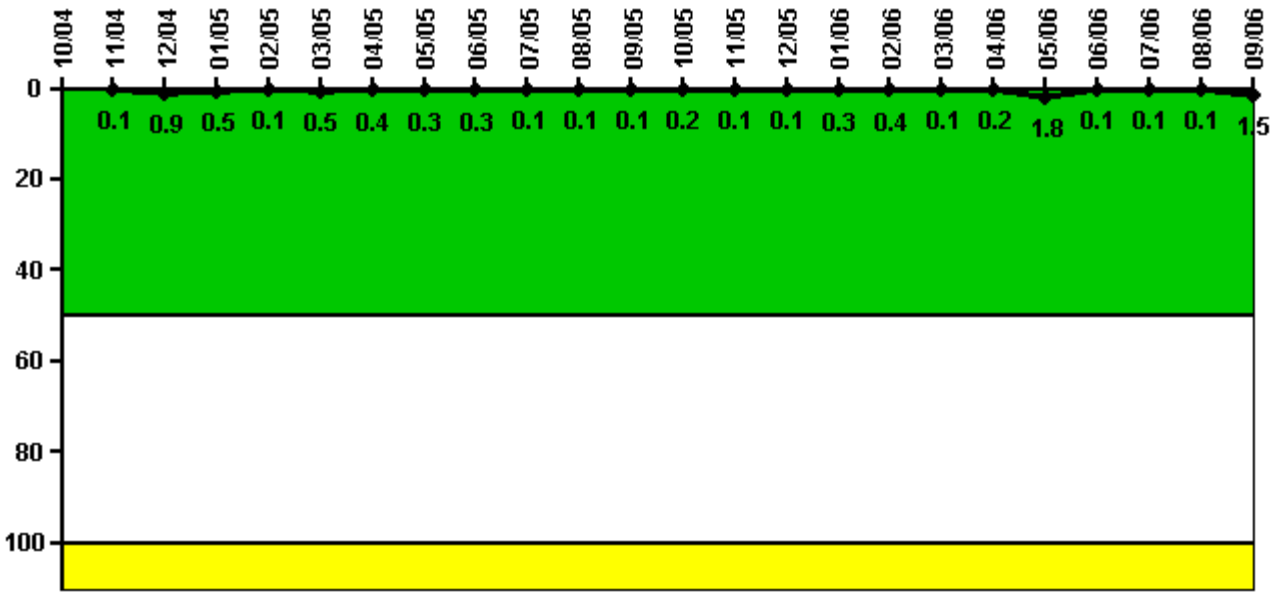
Notes

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	N/A	0.000922	0.000989	0.001074	0.001336	0.000968	0.001354	0.001300	0.001349	0.001245	0.001401	0.002277
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	N/A	0.2	0.2	0.2	0.3	0.2	0.3	0.3	0.3	0.2	0.3	0.5

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	0.002448	0.002715	0.002806	0.002925	0.002922	0.002318	0.002097	N/A	0.001010	0.001124	0.001524	0.001937
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.5	0.5	0.6	0.6	0.6	0.5	0.4	N/A	0.2	0.2	0.3	0.4

Licensee Comments: none

Reactor Coolant System Leakage



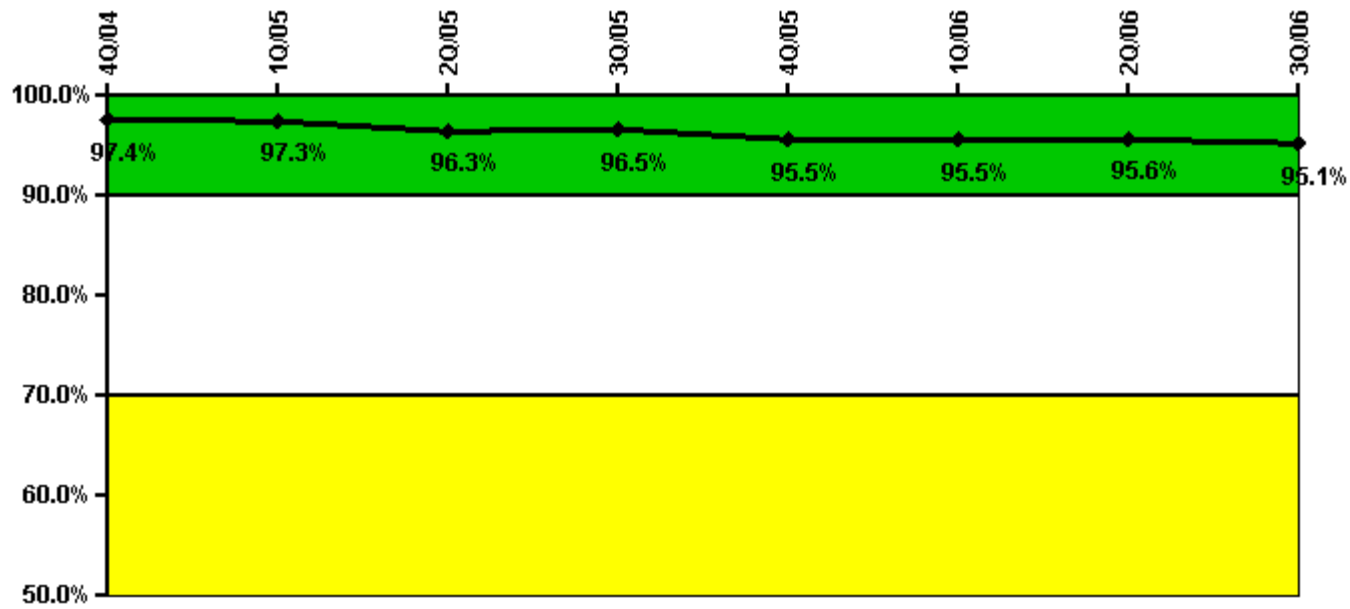
Thresholds: White > 50.0 Yellow > 100.0

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	N/A	0.010	0.090	0.050	0.010	0.050	0.040	0.030	0.030	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	N/A	0.1	0.9	0.5	0.1	0.5	0.4	0.3	0.3	0.1	0.1	0.1
Reactor Coolant System Leakage	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06
Maximum leakage	0.020	0.010	0.010	0.030	0.040	0.010	0.020	0.180	0.010	0.010	0.010	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	0.2	0.1	0.1	0.3	0.4	0.1	0.2	1.8	0.1	0.1	0.1	1.5

Licensee Comments: none

Drill/Exercise Performance



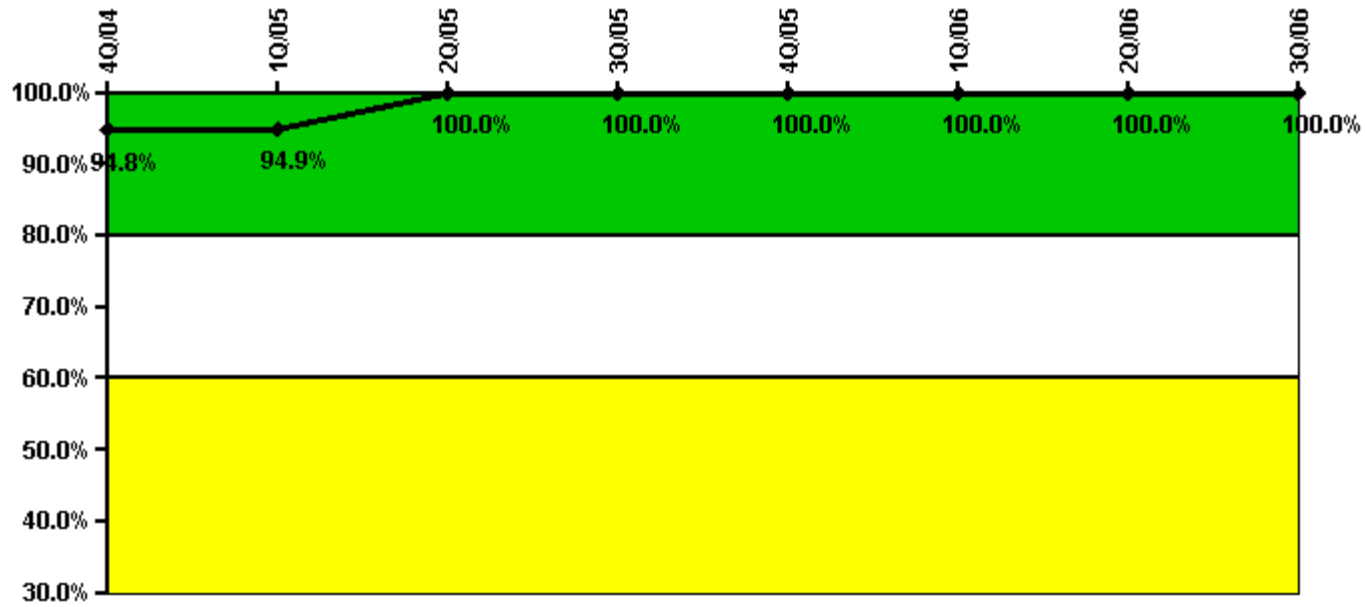
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Successful opportunities	34.0	0	67.0	59.0	2.0	0	6.0	65.0
Total opportunities	36.0	0	72.0	60.0	2.0	0	6.0	69.0
Indicator value	97.4%	97.3%	96.3%	96.5%	95.5%	95.5%	95.6%	95.1%

Licensee Comments: none

ERO Drill Participation



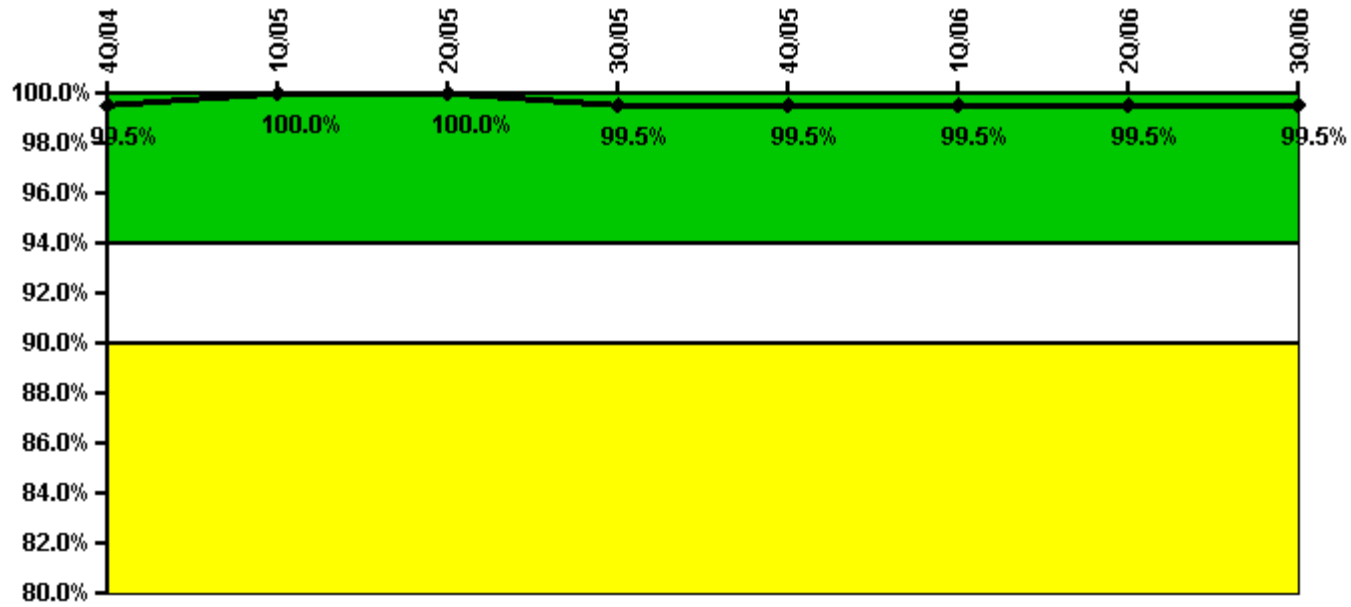
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Participating Key personnel	91.0	93.0	108.0	106.0	102.0	105.0	106.0	104.0
Total Key personnel	96.0	98.0	108.0	106.0	102.0	105.0	106.0	104.0
Indicator value	94.8%	94.9%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



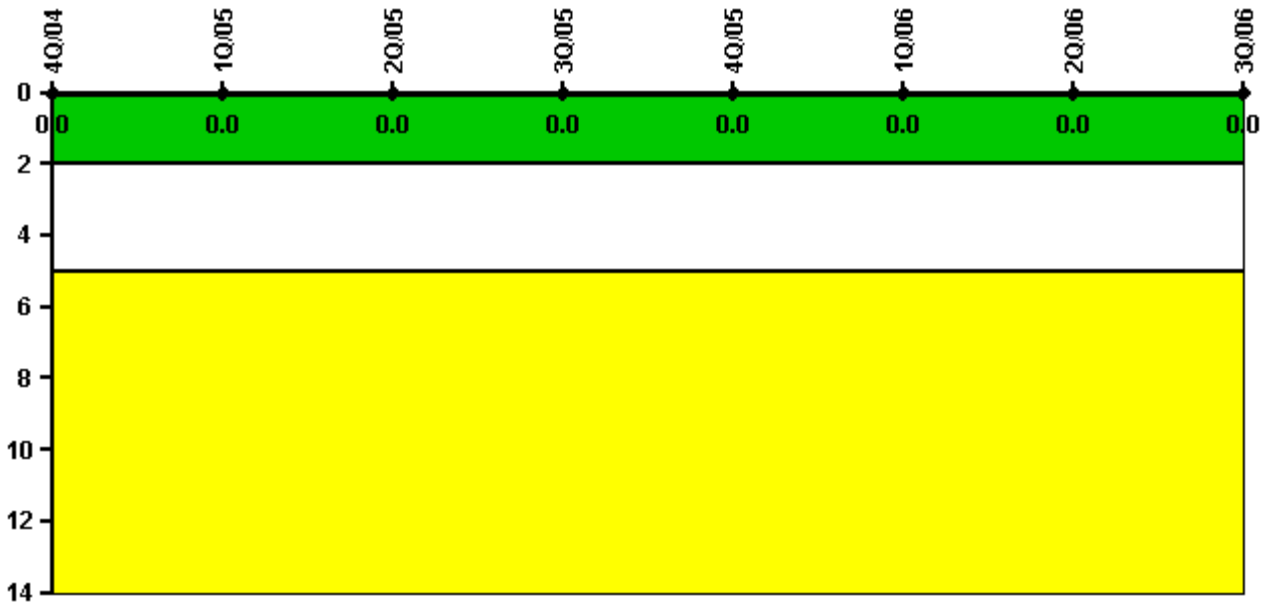
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Successful siren-tests	51	48	48	47	48	48	48	44
Total sirens-tests	51	48	48	48	48	48	48	45
Indicator value	99.5%	100.0%	100.0%	99.5%	99.5%	99.5%	99.5%	99.5%

Licensee Comments: none

Occupational Exposure Control Effectiveness



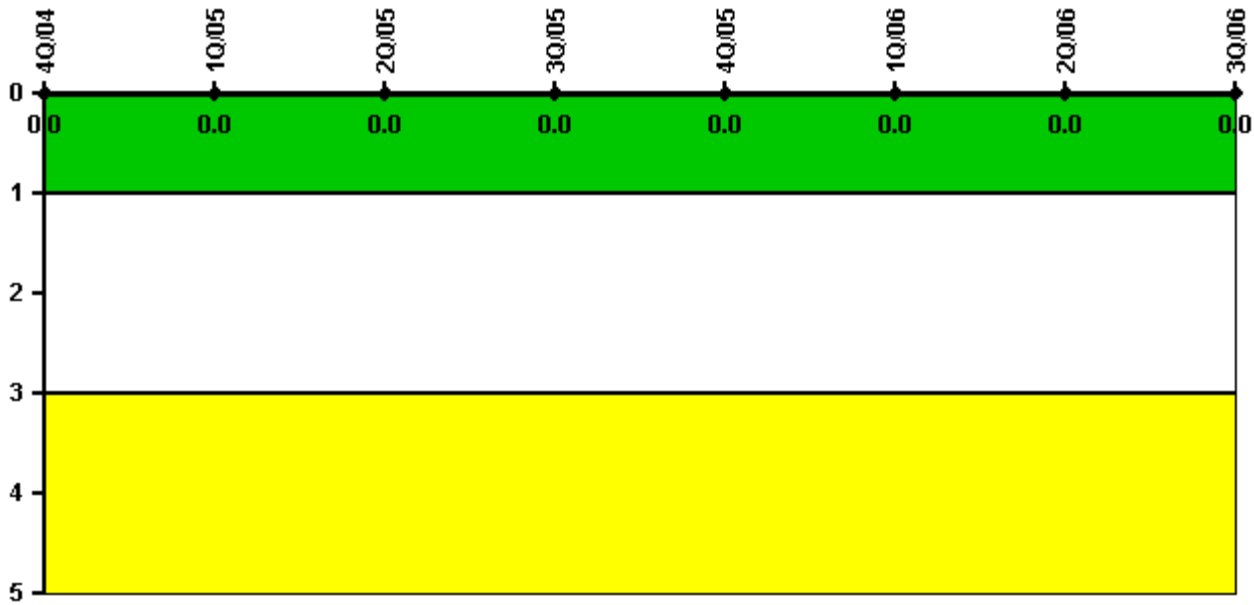
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/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

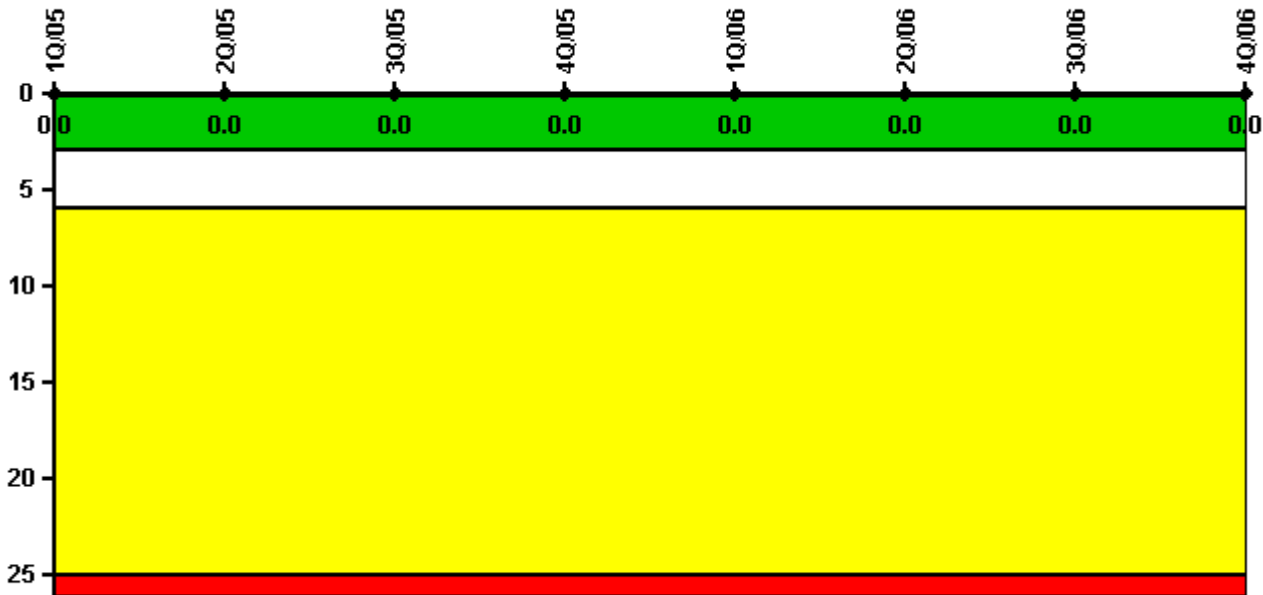
[Physical Protection](#) information not publicly available.

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4Q/2006 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



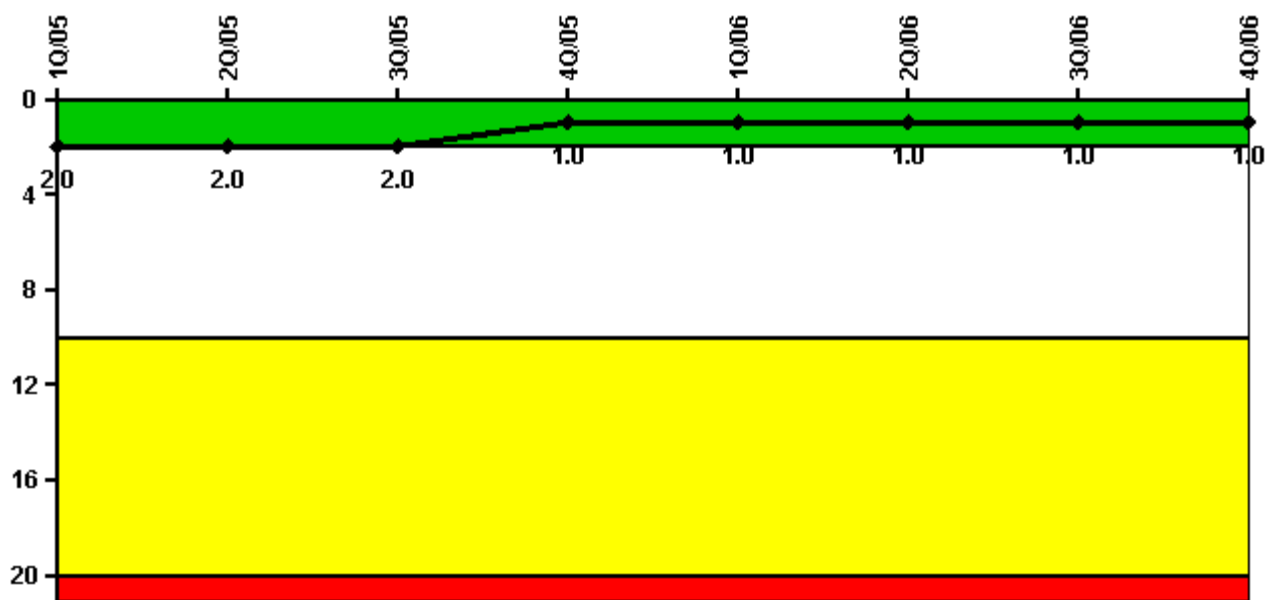
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	0	0	0	0	0	0	0
Critical hours	2160.0	2148.3	2208.0	2209.0	2160.0	1085.0	2183.7	2209.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



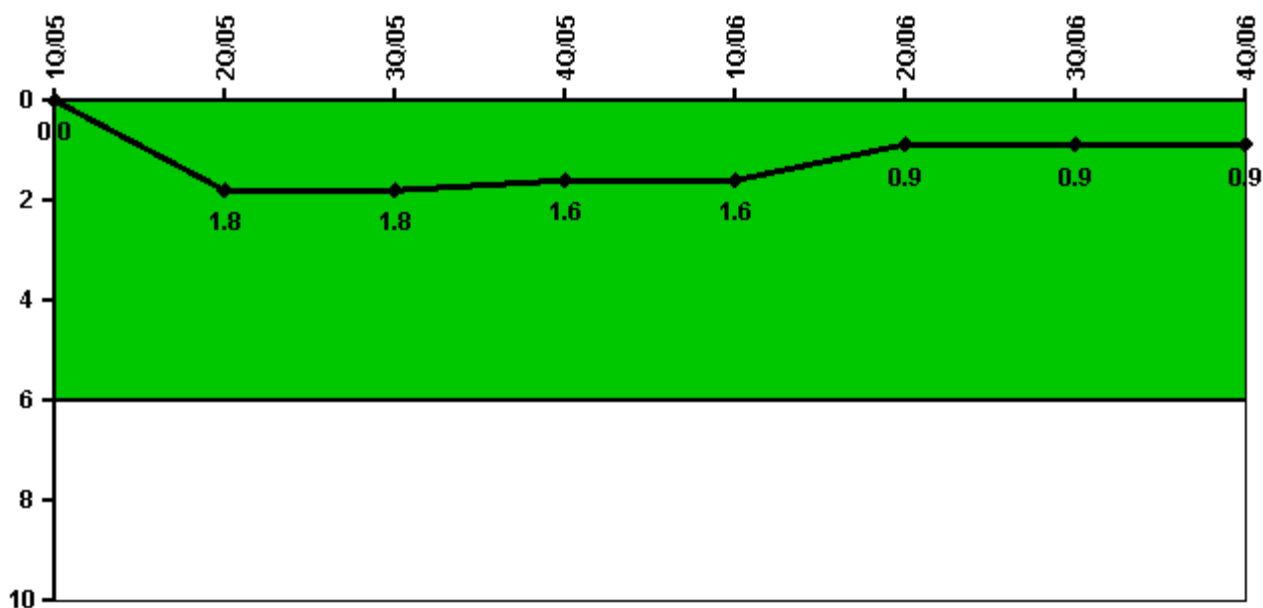
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



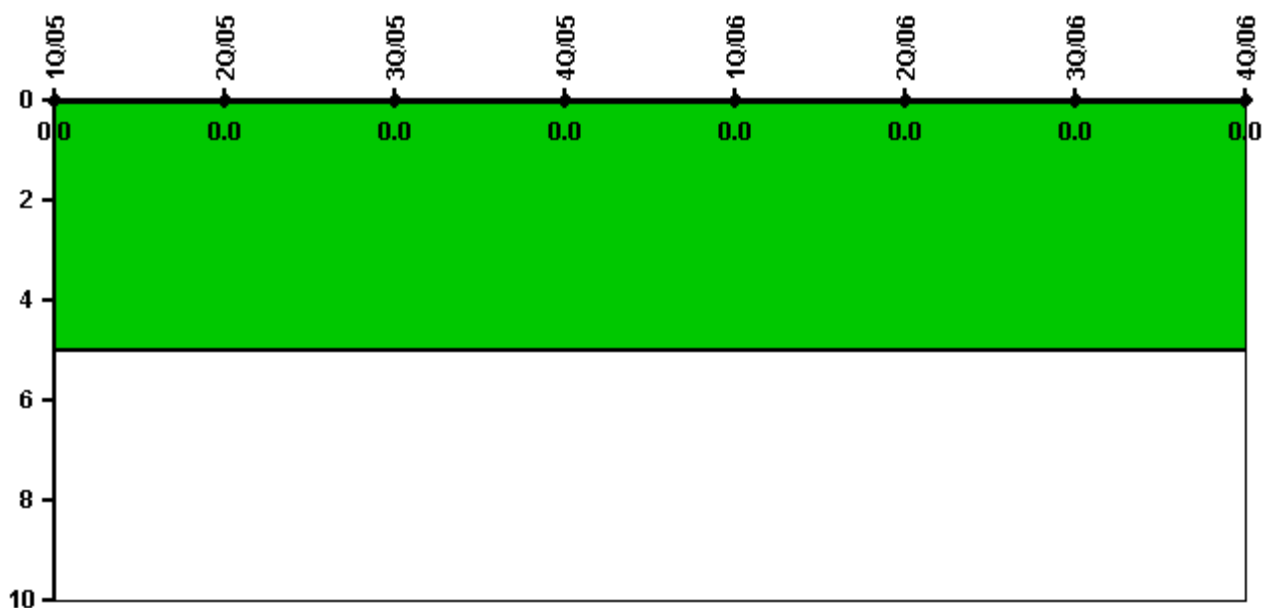
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Unplanned power changes	0	2.0	0	0	0	1.0	0	0
Critical hours	2160.0	2148.3	2208.0	2209.0	2160.0	1085.0	2183.7	2209.0
Indicator value	0	1.8	1.8	1.6	1.6	0.9	0.9	0.9

Licensee Comments: none

Safety System Functional Failures (PWR)



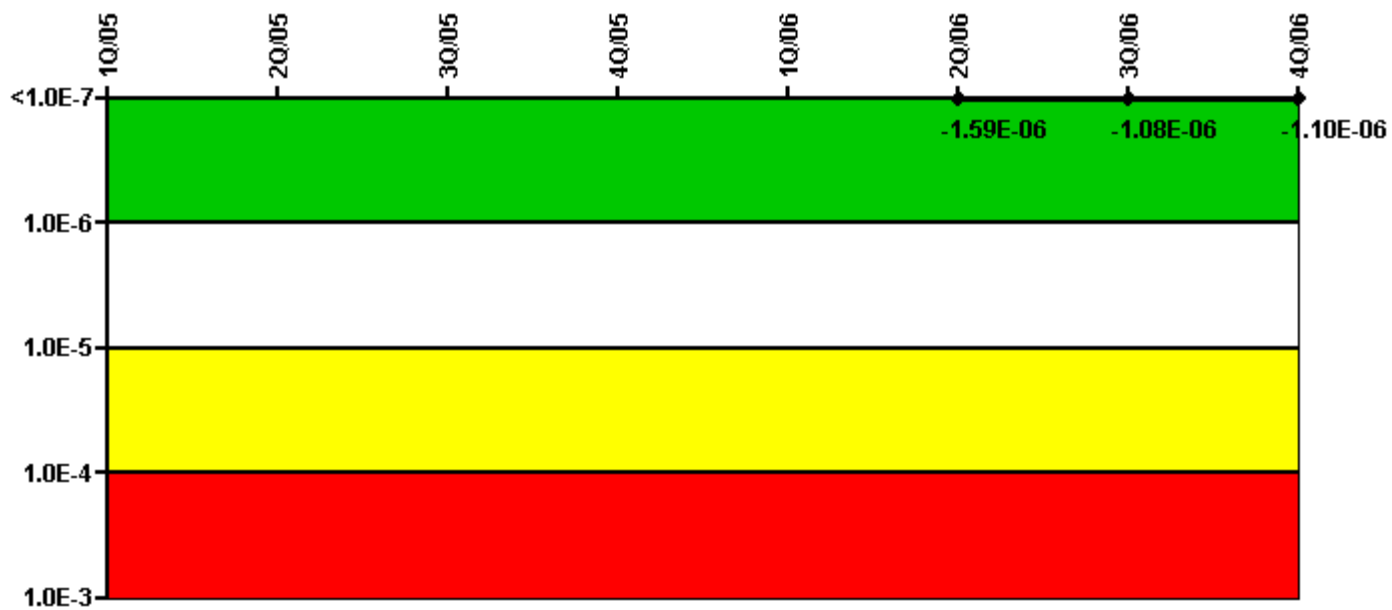
Thresholds: White > 5.0

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



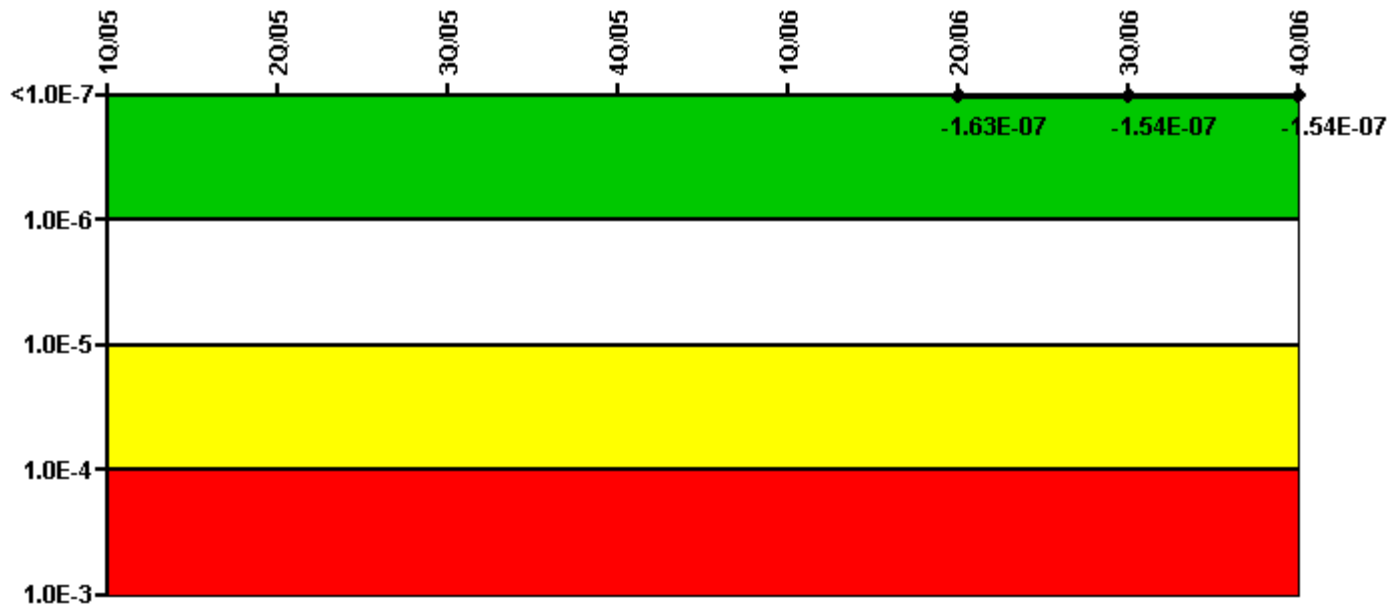
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)						5.10E-07	3.20E-07	3.00E-07
URI (Δ CDF)						-2.10E-06	-1.40E-06	-1.40E-06
PLE						NO	NO	NO
Indicator value						-1.59E-06	-1.08E-06	-1.10E-06

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



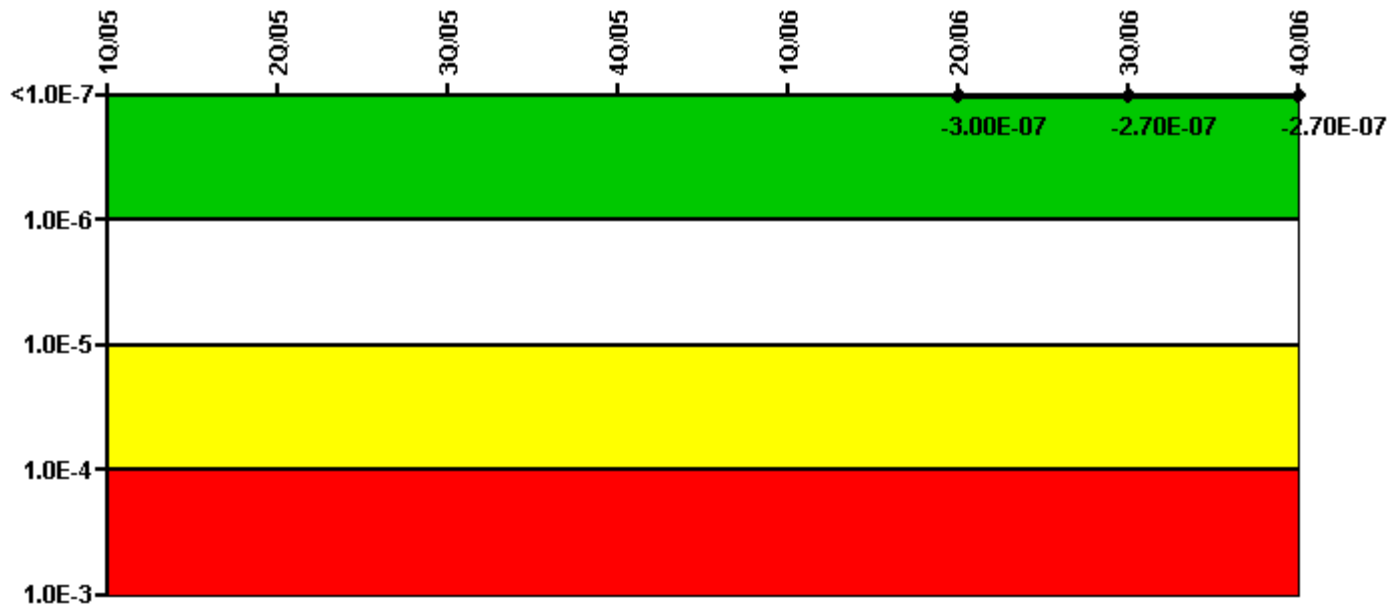
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (Δ CDF)						-8.50E-08	-8.40E-08	-8.40E-08
URI (Δ CDF)						-7.80E-08	-7.00E-08	-7.00E-08
PLE						NO	NO	NO
Indicator value						-1.63E-07	-1.54E-07	-1.54E-07

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



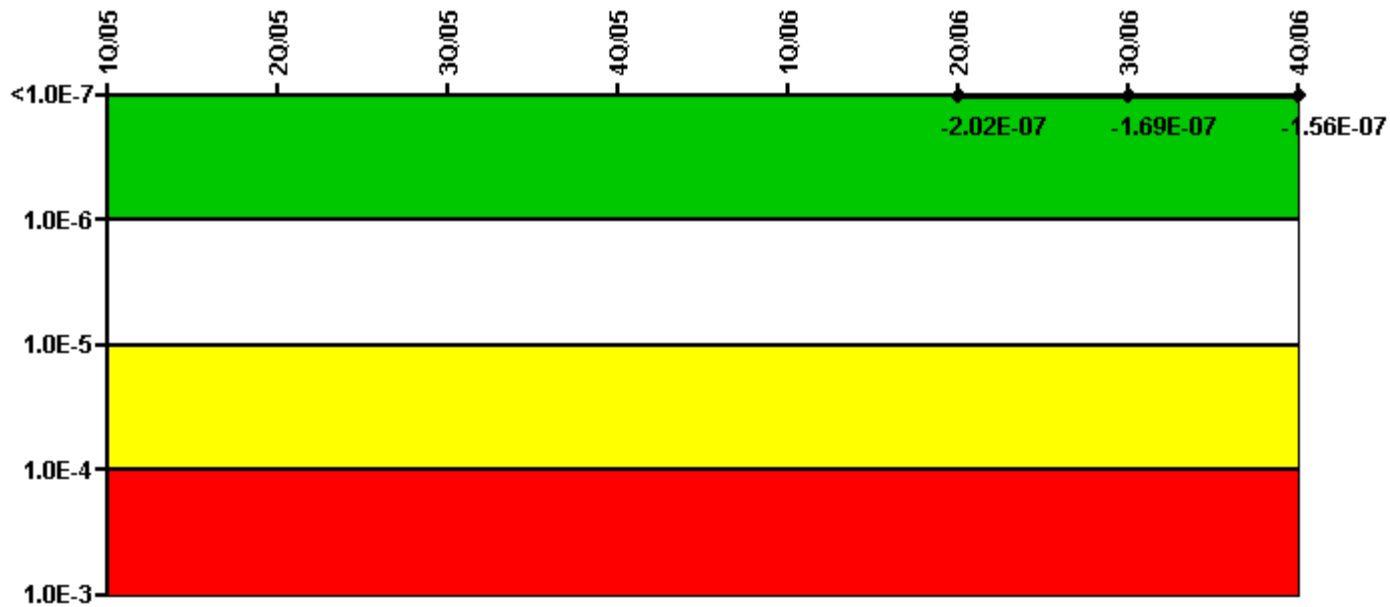
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (ΔCDF)						3.60E-07	2.50E-07	2.50E-07
URI (ΔCDF)						-6.60E-07	-5.20E-07	-5.20E-07
PLE						NO	NO	NO
Indicator value						-3.00E-07	-2.70E-07	-2.70E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



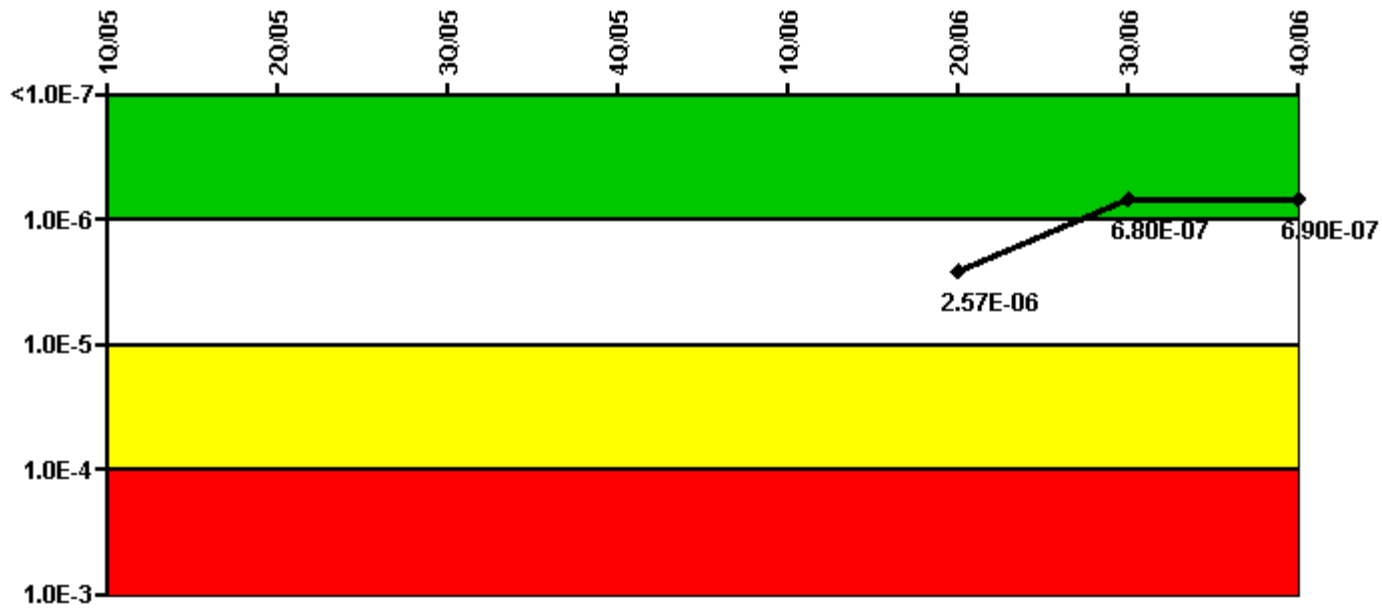
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (Δ CDF)						9.80E-08	4.10E-08	5.40E-08
URI (Δ CDF)						-3.00E-07	-2.10E-07	-2.10E-07
PLE						NO	NO	NO
Indicator value						-2.02E-07	-1.69E-07	-1.56E-07

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



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

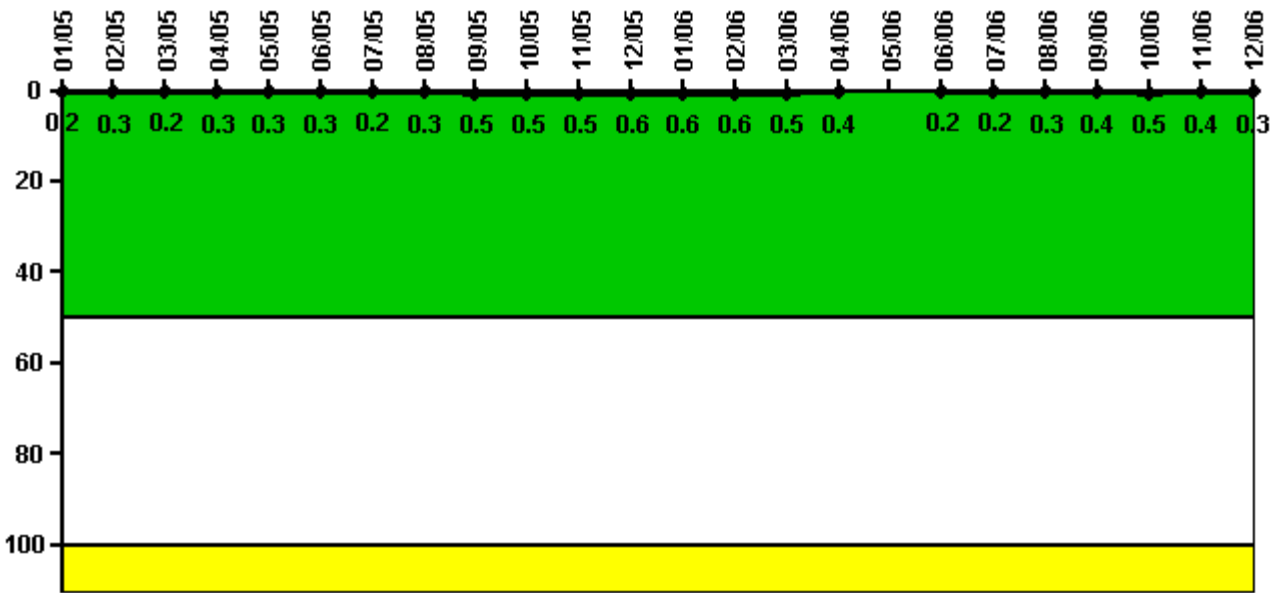
Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (ΔCDF)						2.70E-07	2.50E-07	2.60E-07
URI (ΔCDF)						2.30E-06	4.30E-07	4.30E-07
PLE						NO	NO	NO
Indicator value						2.57E-06	6.80E-07	6.90E-07

Licensee Comments:

4Q/06: Risk Cap Invoked.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

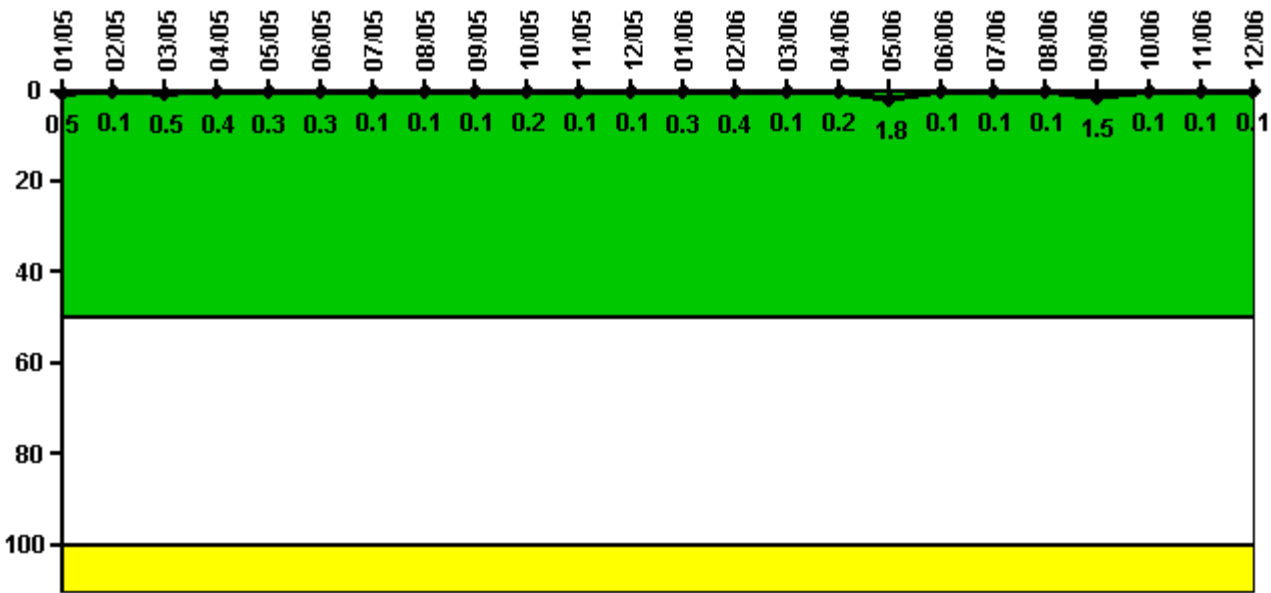
Notes

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	0.001074	0.001336	0.000968	0.001354	0.001300	0.001349	0.001245	0.001401	0.002277	0.002448	0.002715	0.002806
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.2	0.3	0.2	0.3	0.3	0.3	0.2	0.3	0.5	0.5	0.5	0.6

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	0.002925	0.002922	0.002318	0.002097	N/A	0.001010	0.001124	0.001524	0.001937	0.002433	0.001970	0.001331
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.6	0.6	0.5	0.4	N/A	0.2	0.2	0.3	0.4	0.5	0.4	0.3

Licensee Comments: none

Reactor Coolant System Leakage



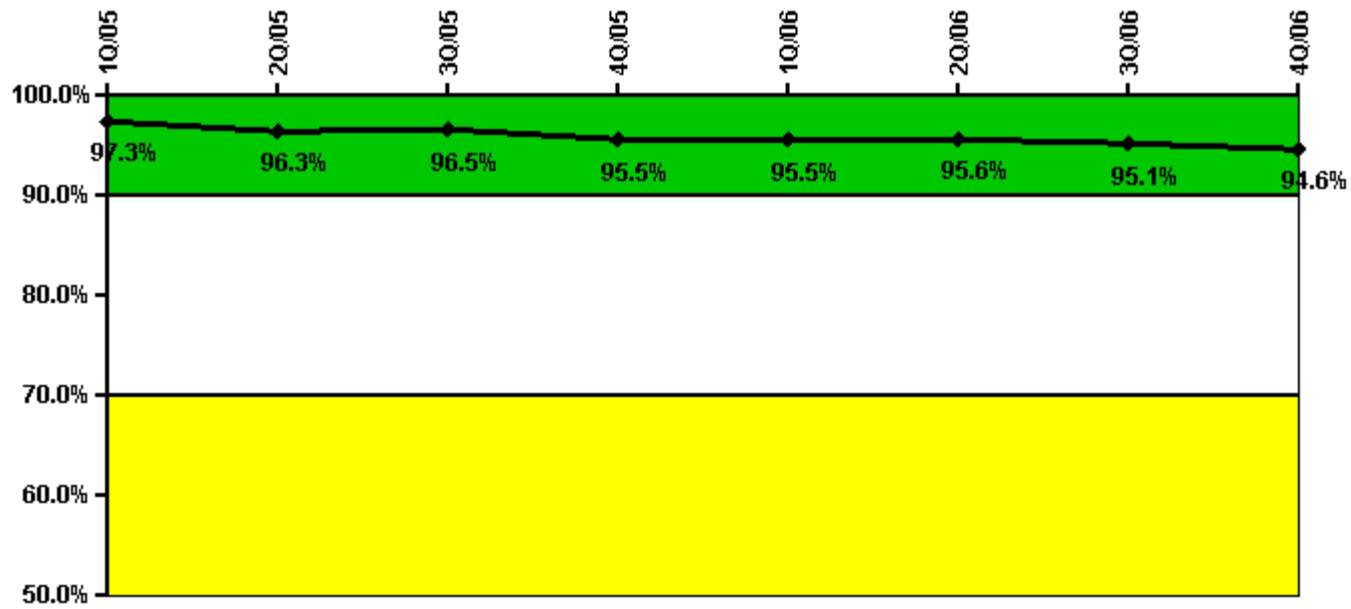
Thresholds: White > 50.0 Yellow > 100.0

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	0.050	0.010	0.050	0.040	0.030	0.030	0.010	0.010	0.010	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	0.5	0.1	0.5	0.4	0.3	0.3	0.1	0.1	0.1	0.2	0.1	0.1
Reactor Coolant System Leakage	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06
Maximum leakage	0.030	0.040	0.010	0.020	0.180	0.010	0.010	0.010	0.150	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	0.3	0.4	0.1	0.2	1.8	0.1	0.1	0.1	1.5	0.1	0.1	0.1

Licensee Comments: none

Drill/Exercise Performance



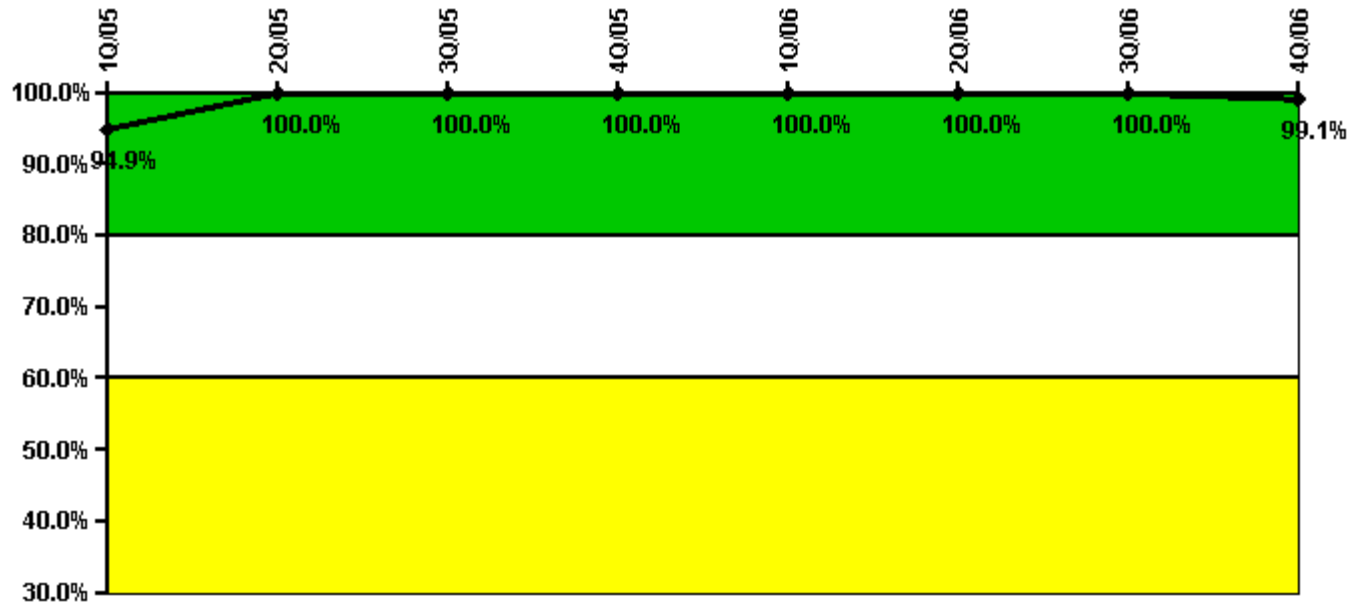
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Successful opportunities	0	67.0	59.0	2.0	0	6.0	65.0	46.0
Total opportunities	0	72.0	60.0	2.0	0	6.0	69.0	50.0
Indicator value	97.3%	96.3%	96.5%	95.5%	95.5%	95.6%	95.1%	94.6%

Licensee Comments: none

ERO Drill Participation



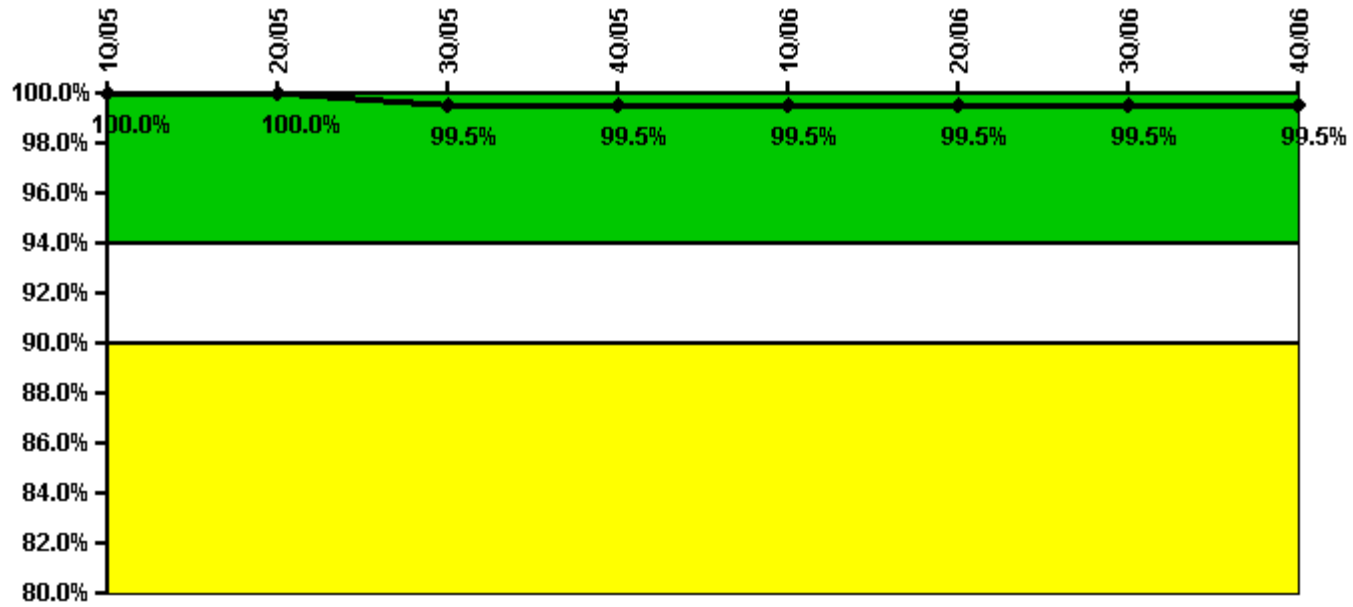
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Participating Key personnel	93.0	108.0	106.0	102.0	105.0	106.0	104.0	105.0
Total Key personnel	98.0	108.0	106.0	102.0	105.0	106.0	104.0	106.0
Indicator value	94.9%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	99.1%

Licensee Comments: none

Alert & Notification System



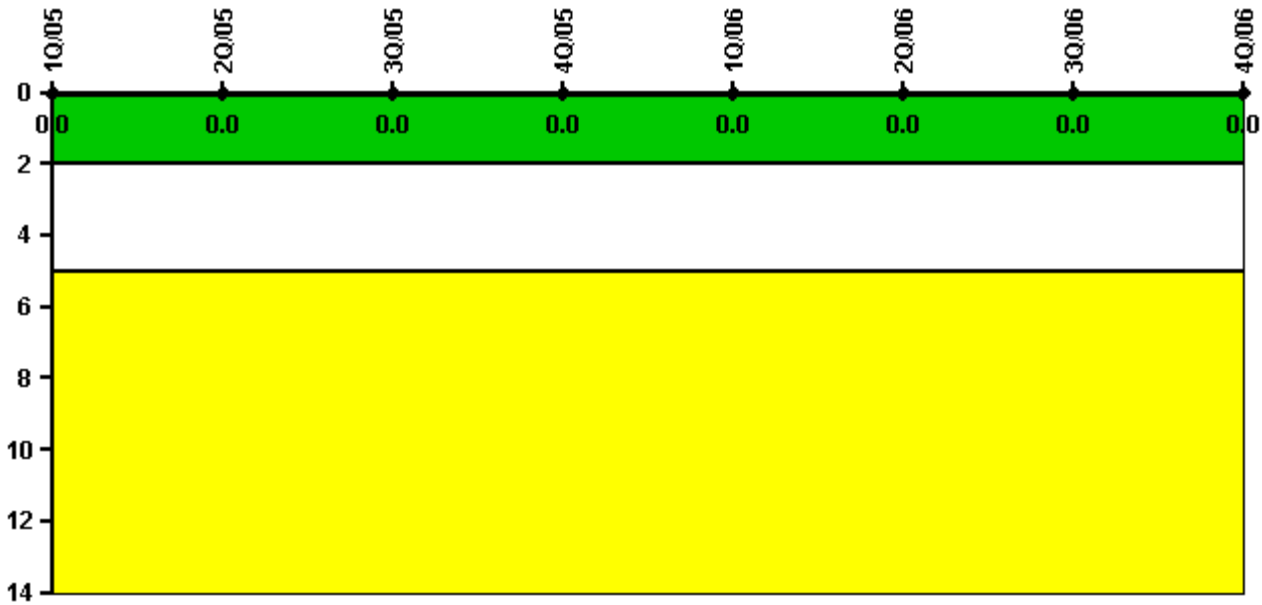
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Successful siren-tests	48	48	47	48	48	48	44	48
Total sirens-tests	48	48	48	48	48	48	45	48
Indicator value	100.0%	100.0%	99.5%	99.5%	99.5%	99.5%	99.5%	99.5%

Licensee Comments: none

Occupational Exposure Control Effectiveness



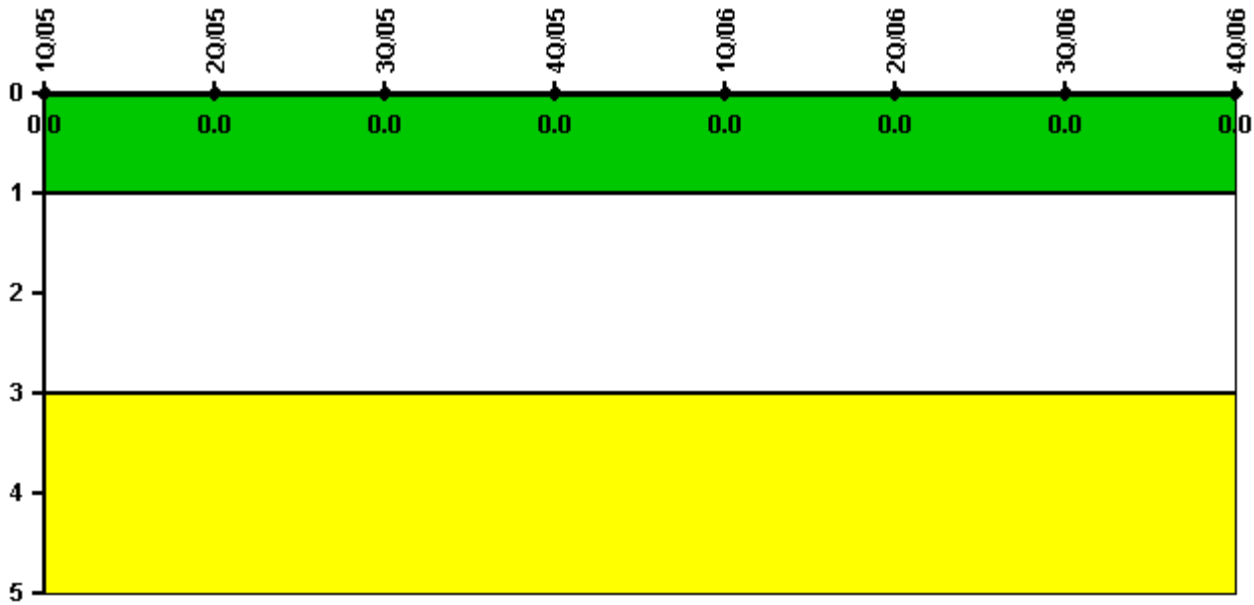
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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.

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1Q/2007 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



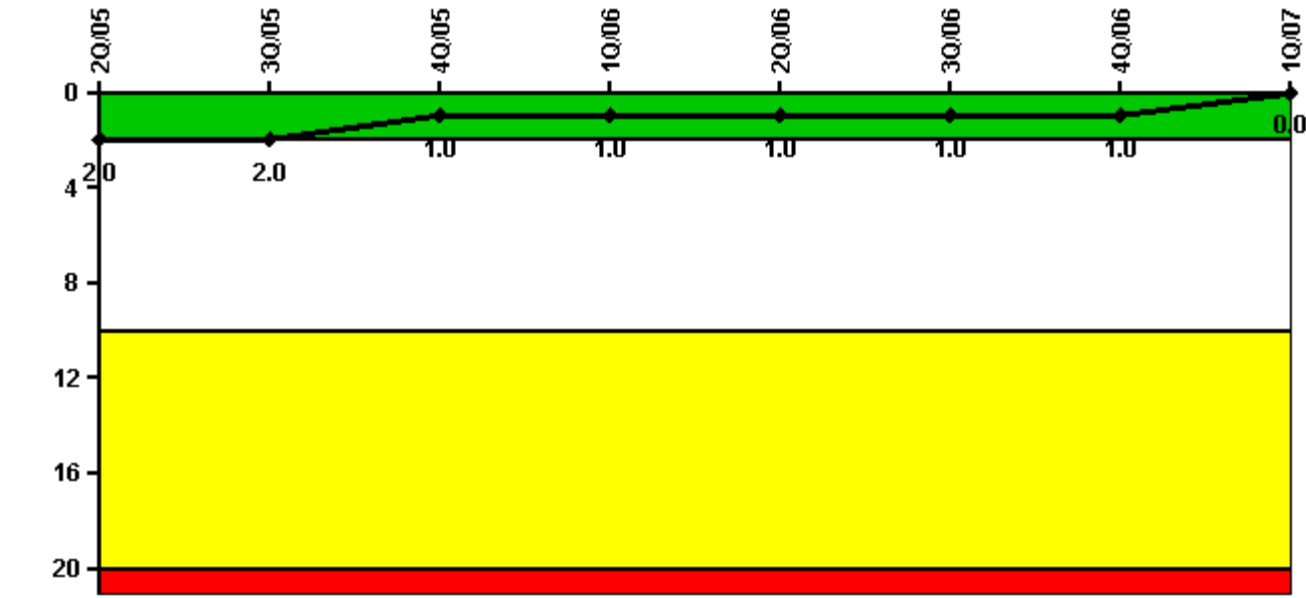
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2148.3	2208.0	2209.0	2160.0	1085.0	2183.7	2209.0	2159.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



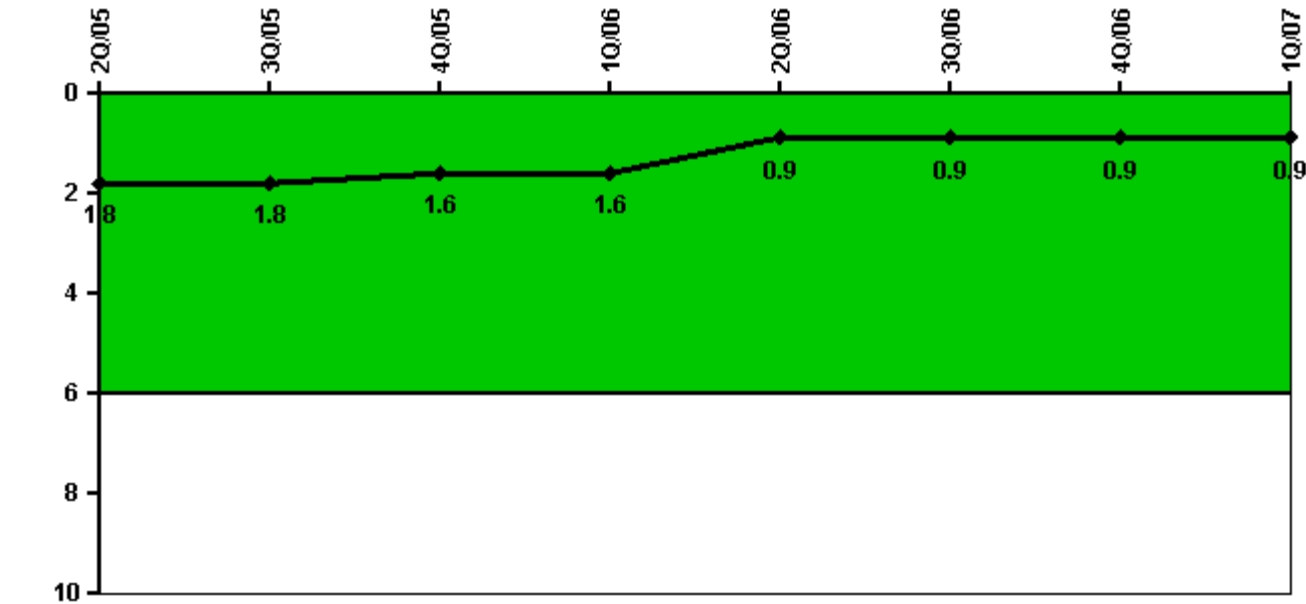
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



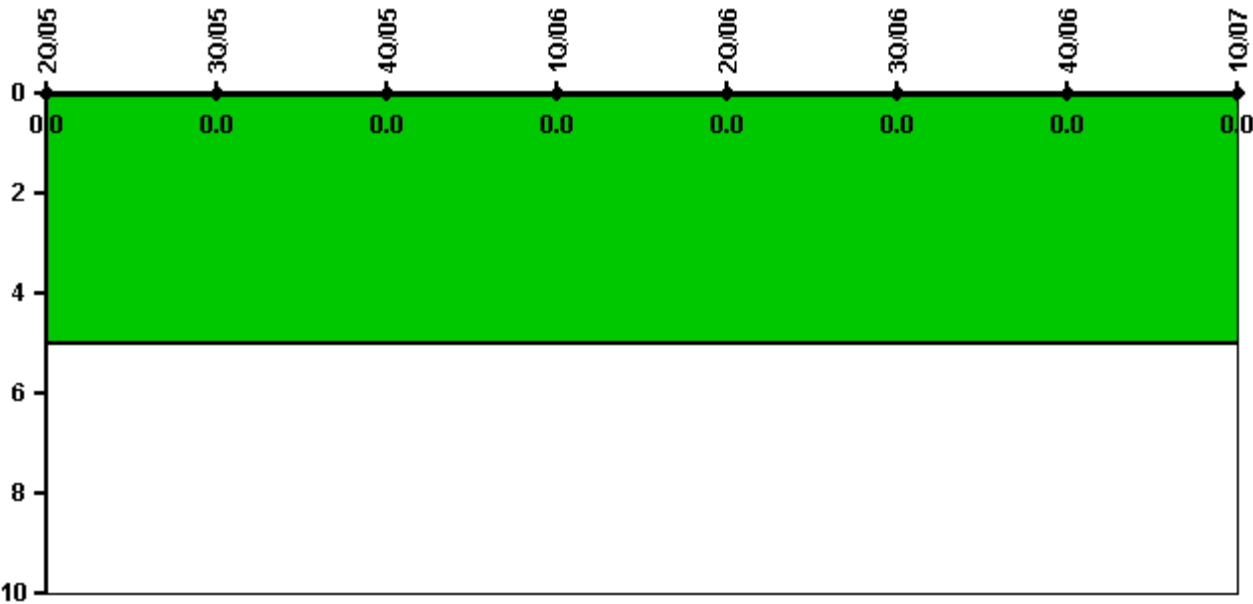
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Unplanned power changes	2.0	0	0	0	1.0	0	0	0
Critical hours	2148.3	2208.0	2209.0	2160.0	1085.0	2183.7	2209.0	2159.0
Indicator value	1.8	1.8	1.6	1.6	0.9	0.9	0.9	0.9

Licensee Comments: none

Safety System Functional Failures (PWR)



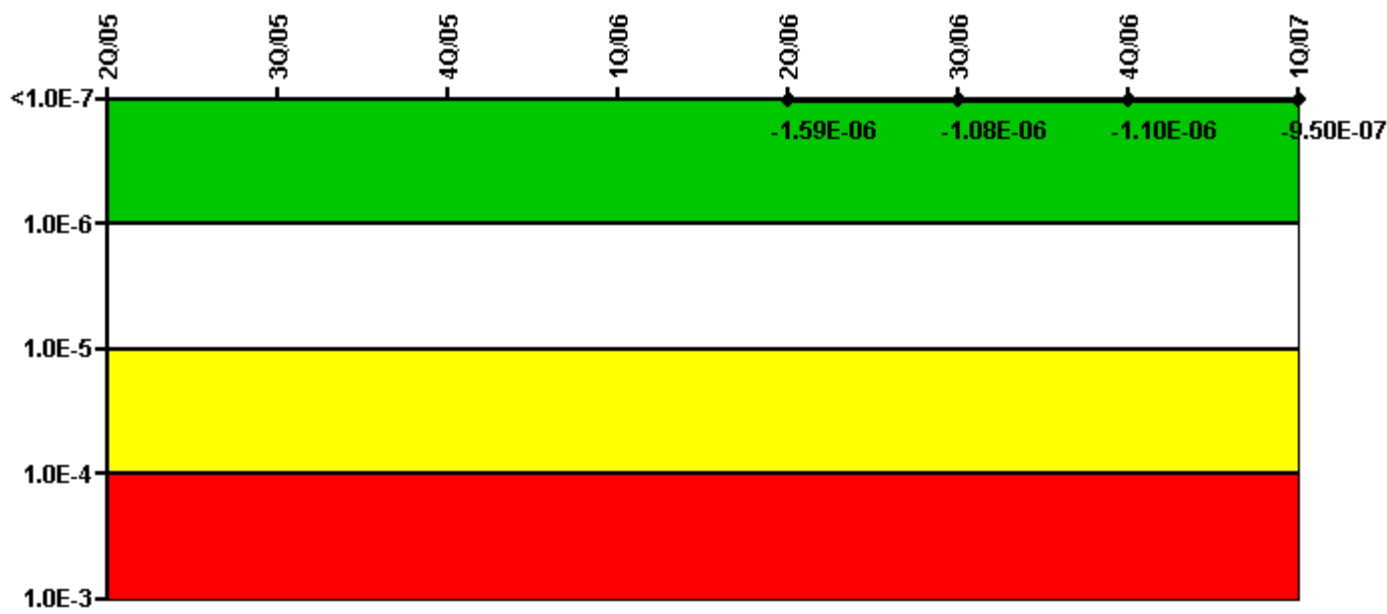
Thresholds: White > 5.0

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



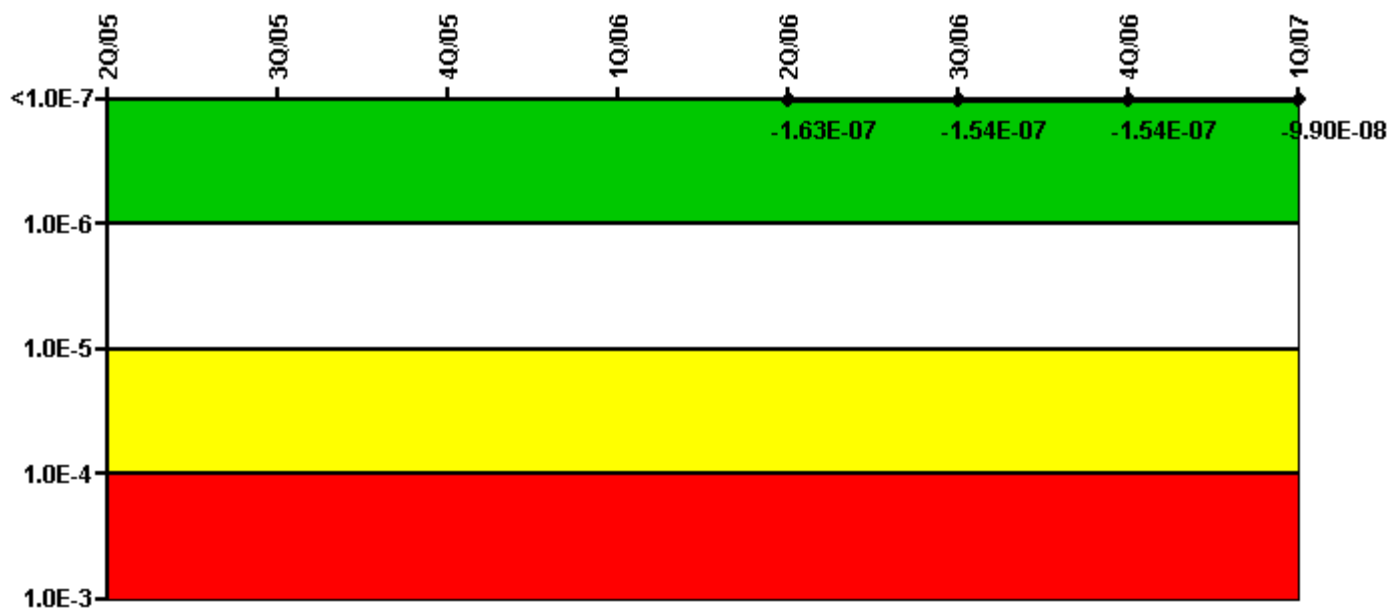
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (ΔCDF)					5.10E-07	3.20E-07	3.00E-07	4.50E-07
URI (ΔCDF)					-2.10E-06	-1.40E-06	-1.40E-06	-1.40E-06
PLE					NO	NO	NO	NO
Indicator value					-1.59E-06	-1.08E-06	-1.10E-06	-9.50E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



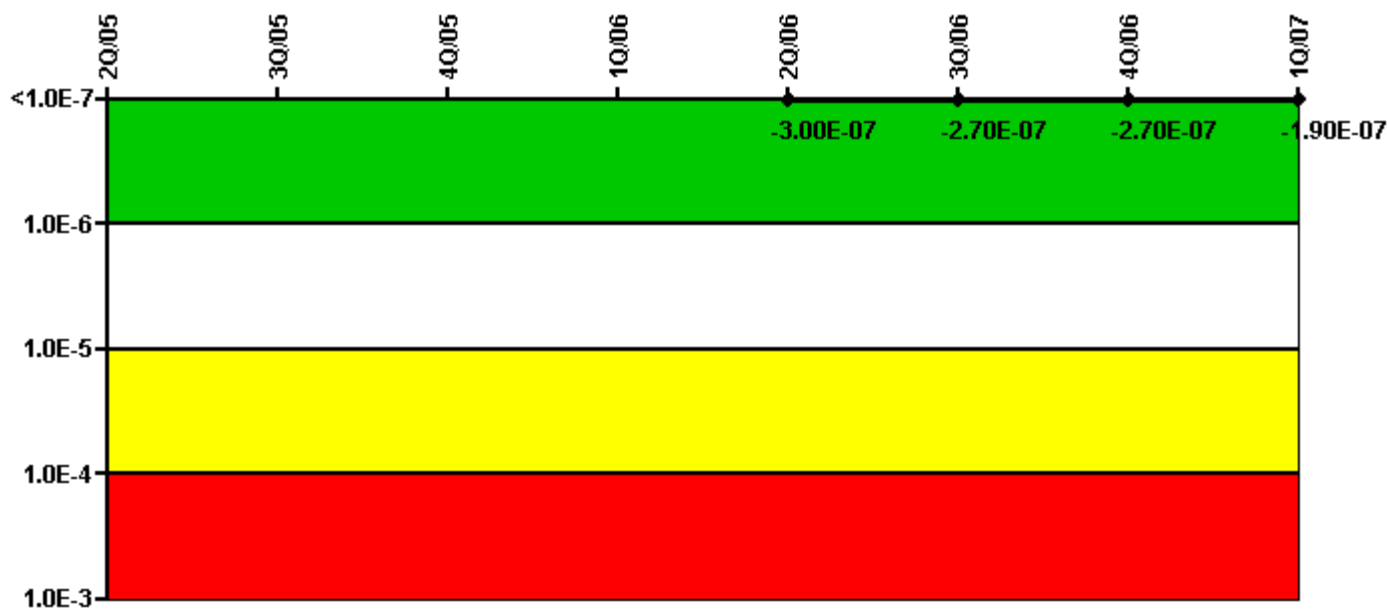
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (ΔCDF)					-8.50E-08	-8.40E-08	-8.40E-08	-2.90E-08
URI (ΔCDF)					-7.80E-08	-7.00E-08	-7.00E-08	-7.00E-08
PLE					NO	NO	NO	NO
Indicator value					-1.63E-07	-1.54E-07	-1.54E-07	-9.90E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



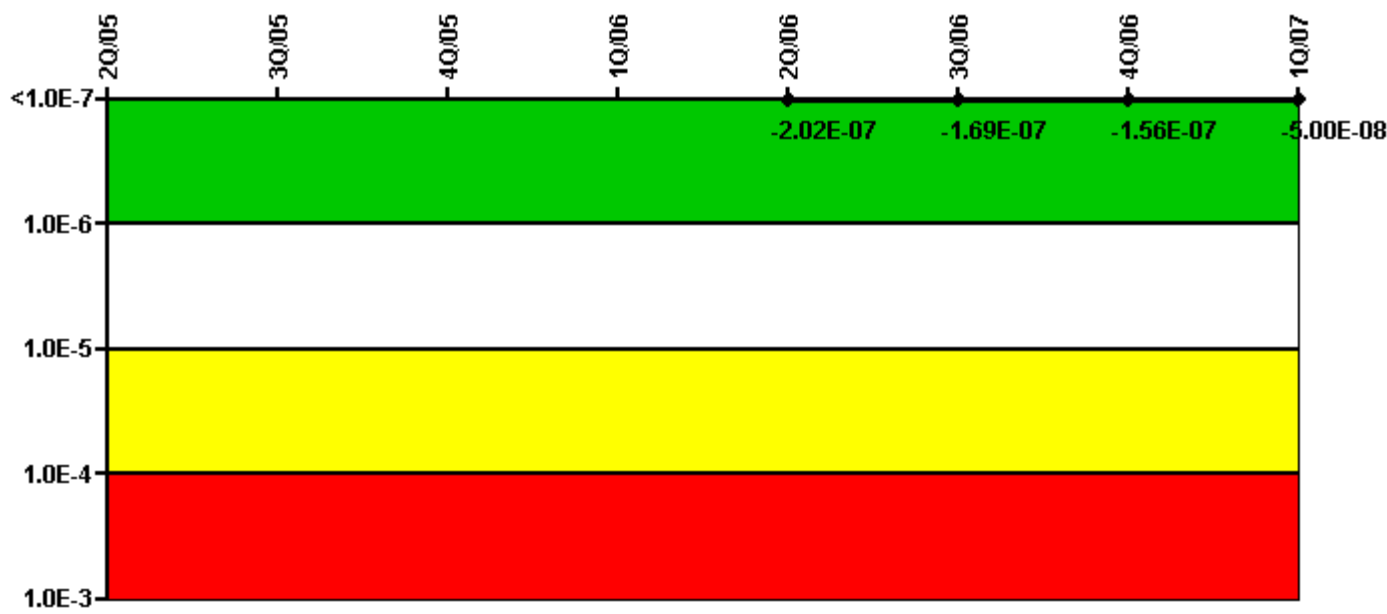
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (ΔCDF)					3.60E-07	2.50E-07	2.50E-07	3.30E-07
URI (ΔCDF)					-6.60E-07	-5.20E-07	-5.20E-07	-5.20E-07
PLE					NO	NO	NO	NO
Indicator value					-3.00E-07	-2.70E-07	-2.70E-07	-1.90E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



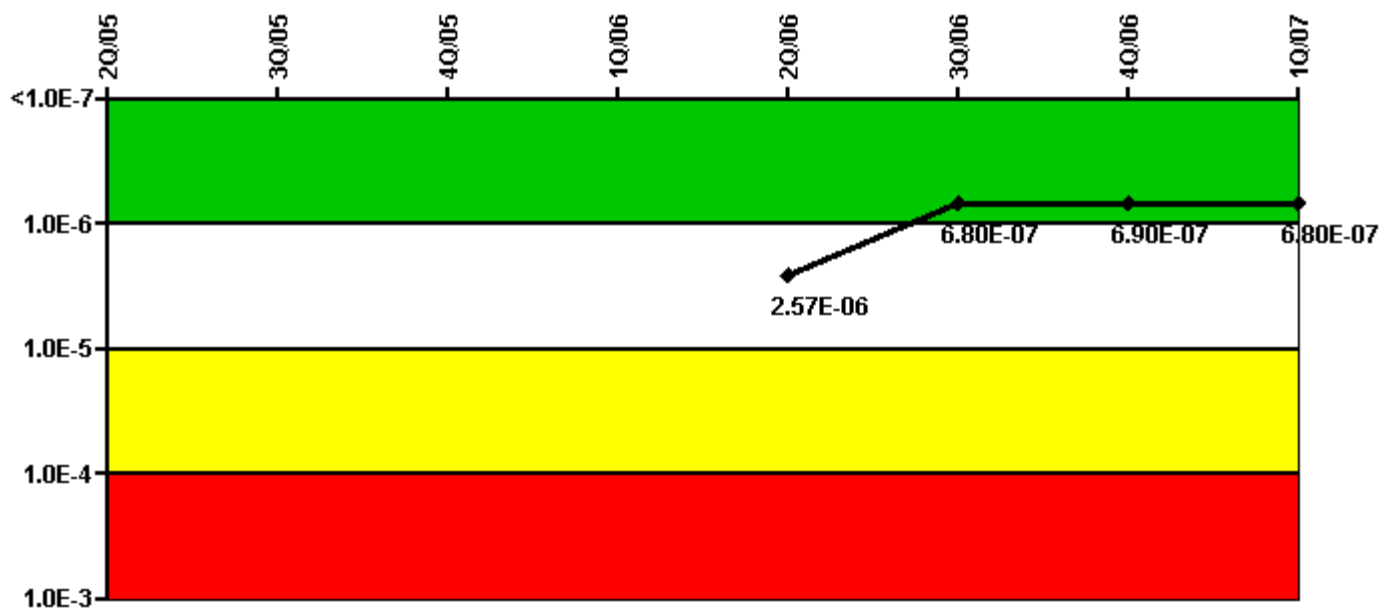
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (ΔCDF)					9.80E-08	4.10E-08	5.40E-08	1.60E-07
URI (ΔCDF)					-3.00E-07	-2.10E-07	-2.10E-07	-2.10E-07
PLE					NO	NO	NO	NO
Indicator value					-2.02E-07	-1.69E-07	-1.56E-07	-5.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



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

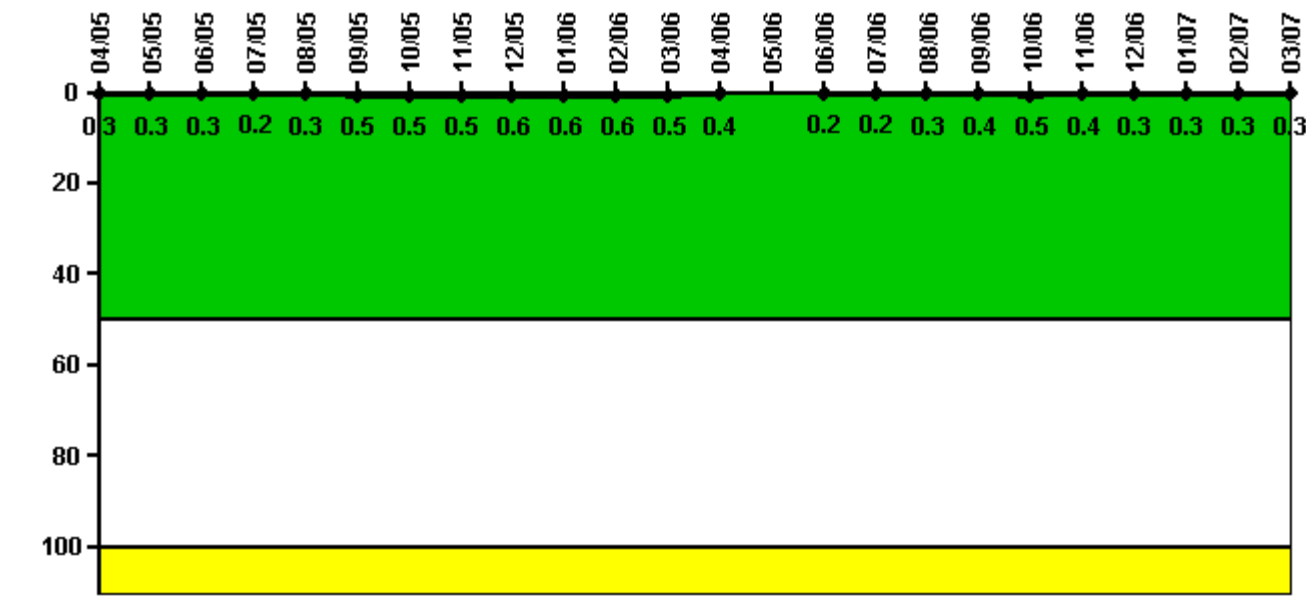
Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (ΔCDF)					2.70E-07	2.50E-07	2.60E-07	2.50E-07
URI (ΔCDF)					2.30E-06	4.30E-07	4.30E-07	4.30E-07
PLE					NO	NO	NO	NO
Indicator value					2.57E-06	6.80E-07	6.90E-07	6.80E-07

Licensee Comments:

1Q/07: Risk Cap Invoked.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

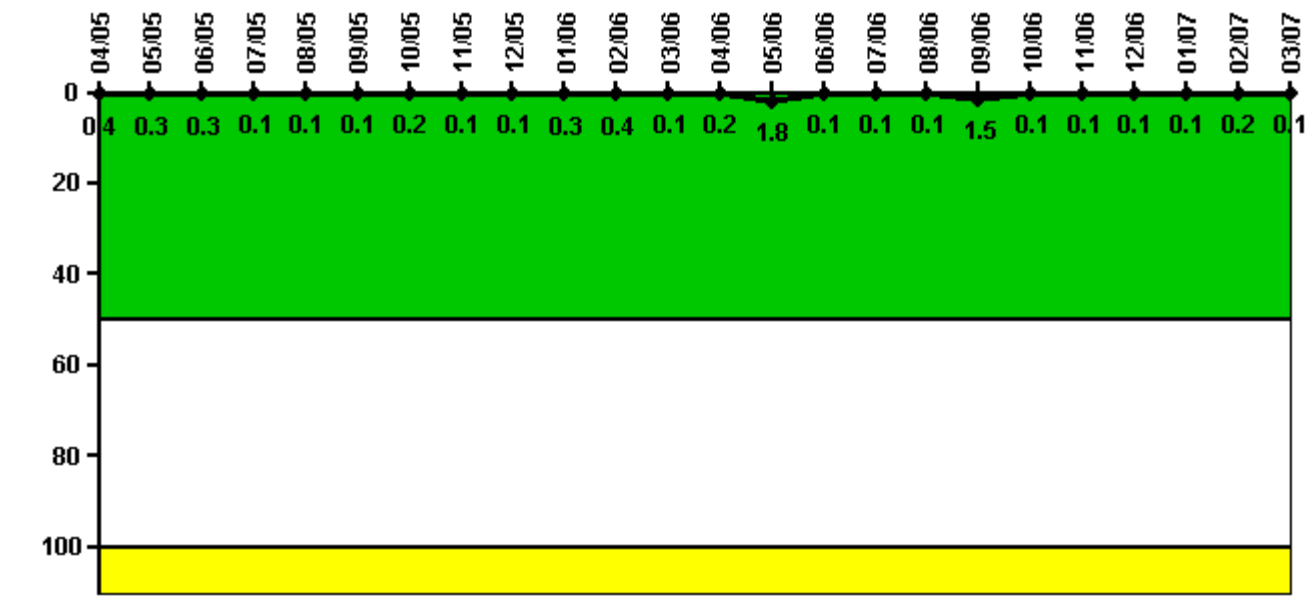
Notes

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	0.001354	0.001300	0.001349	0.001245	0.001401	0.002277	0.002448	0.002715	0.002806	0.002925	0.002922	0.002318
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.3	0.3	0.3	0.2	0.3	0.5	0.5	0.5	0.6	0.6	0.6	0.5

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	0.002097	N/A	0.001010	0.001124	0.001524	0.001937	0.002433	0.001970	0.001331	0.001404	0.001526	0.001532
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.4	N/A	0.2	0.2	0.3	0.4	0.5	0.4	0.3	0.3	0.3	0.3

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

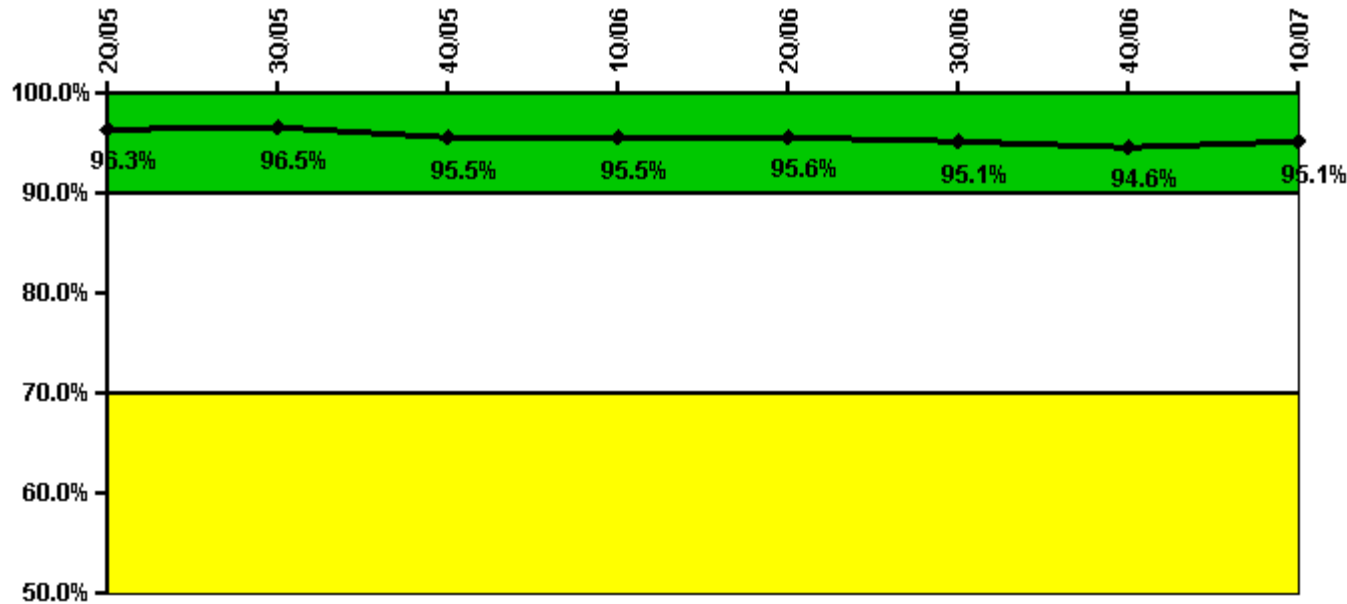
Notes

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	0.040	0.030	0.030	0.010	0.010	0.010	0.020	0.010	0.010	0.030	0.040	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	0.3	0.1	0.1	0.1	0.2	0.1	0.1	0.3	0.4	0.1

Reactor Coolant System Leakage	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07
Maximum leakage	0.020	0.180	0.010	0.010	0.010	0.150	0.010	0.010	0.010	0.010	0.020	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	0.2	1.8	0.1	0.1	0.1	1.5	0.1	0.1	0.1	0.1	0.2	0.1

Licensee Comments: none

Drill/Exercise Performance



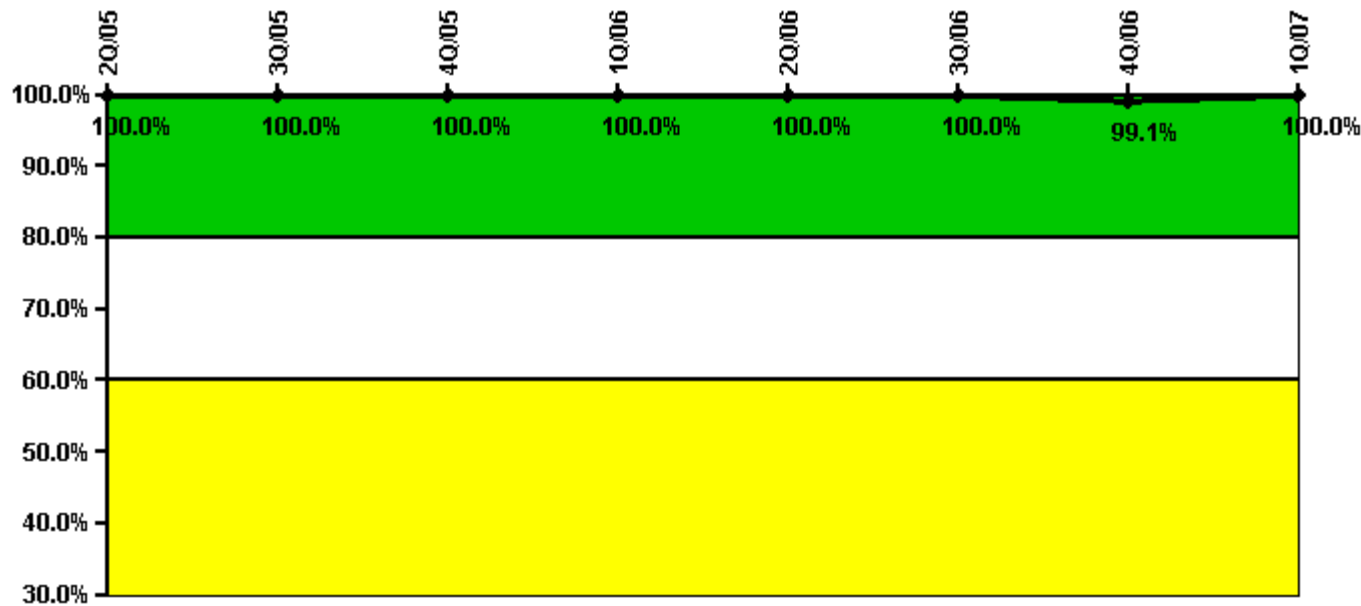
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Successful opportunities	67.0	59.0	2.0	0	6.0	65.0	46.0	28.0
Total opportunities	72.0	60.0	2.0	0	6.0	69.0	50.0	28.0
Indicator value	96.3%	96.5%	95.5%	95.5%	95.6%	95.1%	94.6%	95.1%

Licensee Comments: none

ERO Drill Participation



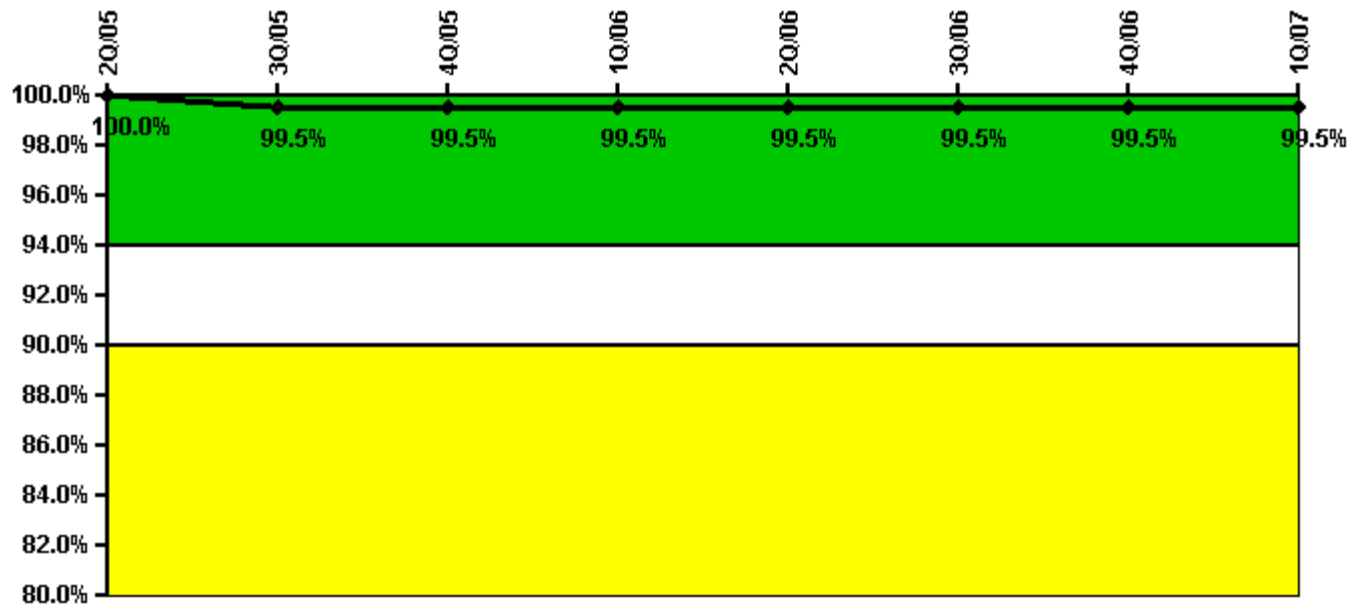
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Participating Key personnel	108.0	106.0	102.0	105.0	106.0	104.0	105.0	109.0
Total Key personnel	108.0	106.0	102.0	105.0	106.0	104.0	106.0	109.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	99.1%	100.0%

Licensee Comments: none

Alert & Notification System



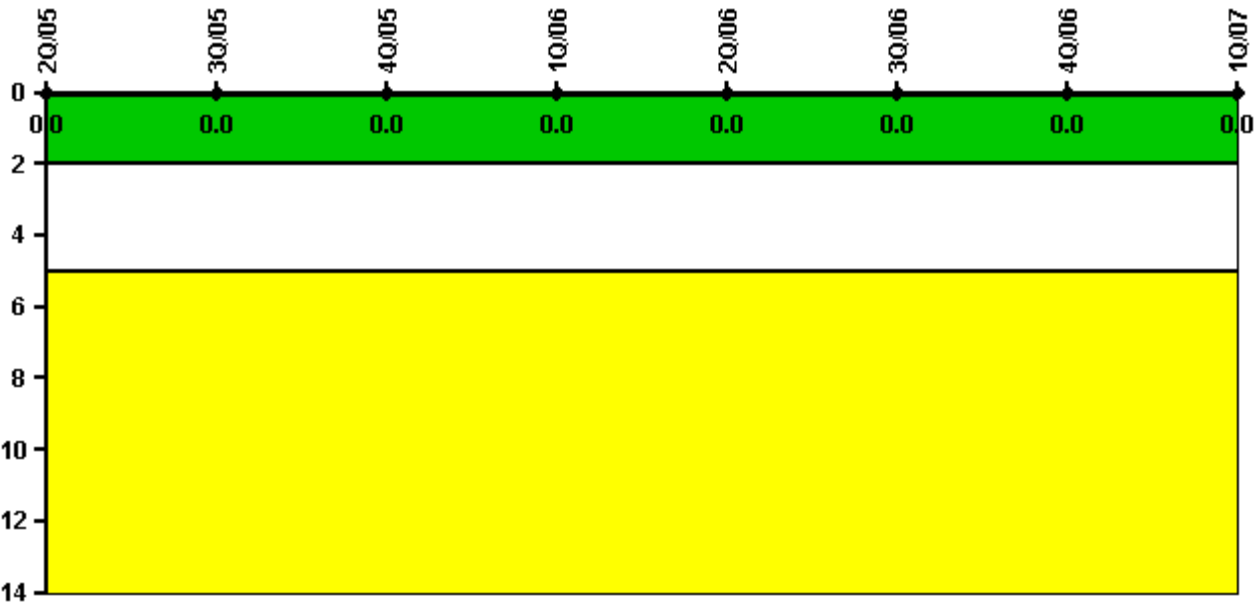
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Successful siren-tests	48	47	48	48	48	44	48	48
Total sirens-tests	48	48	48	48	48	45	48	48
Indicator value	100.0%	99.5%	99.5%	99.5%	99.5%	99.5%	99.5%	99.5%

Licensee Comments: none

Occupational Exposure Control Effectiveness



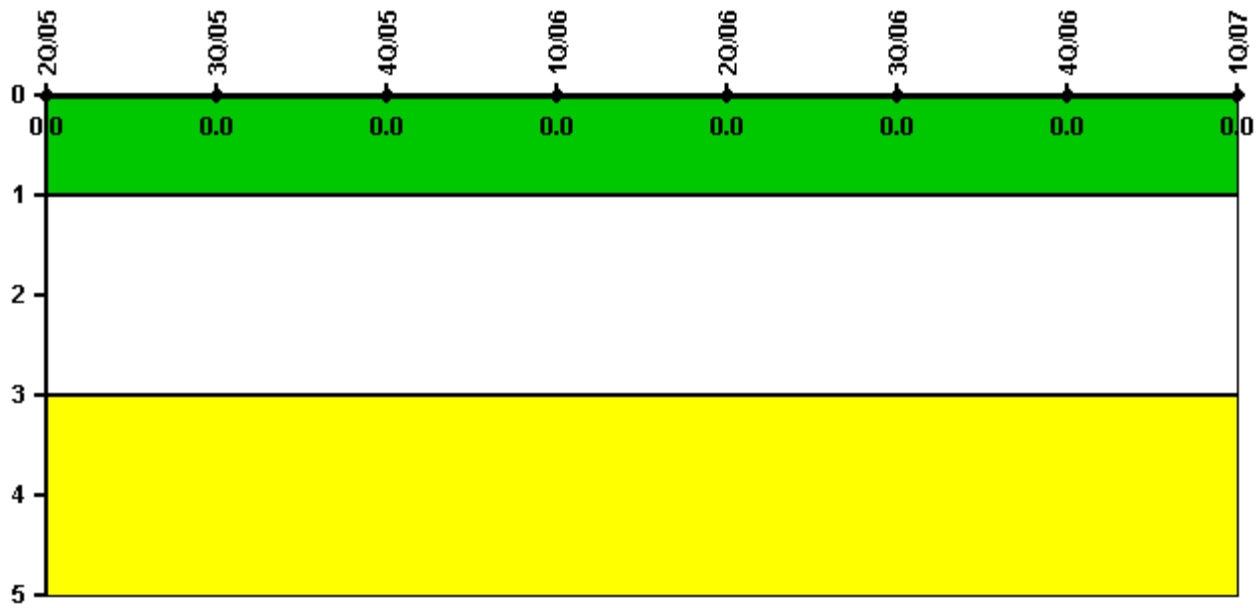
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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	0	0	0	0
Critical hours	2208.0	2209.0	2160.0	1085.0	2183.7	2209.0	2159.0	2184.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



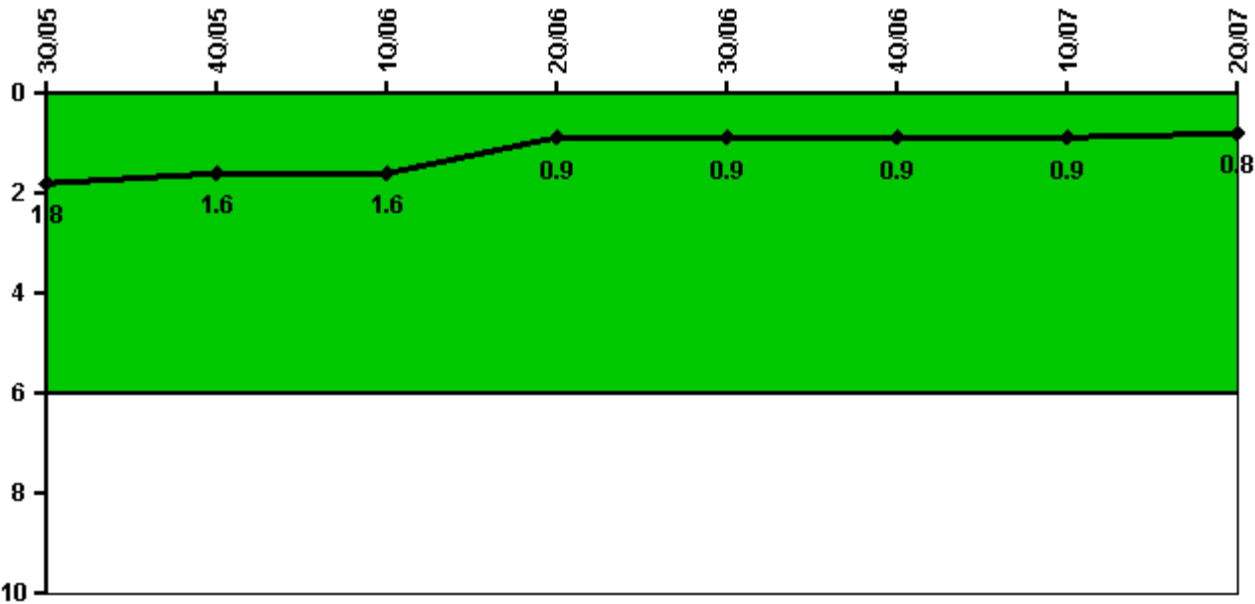
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/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	2.0	1.0	1.0	1.0	1.0	1.0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



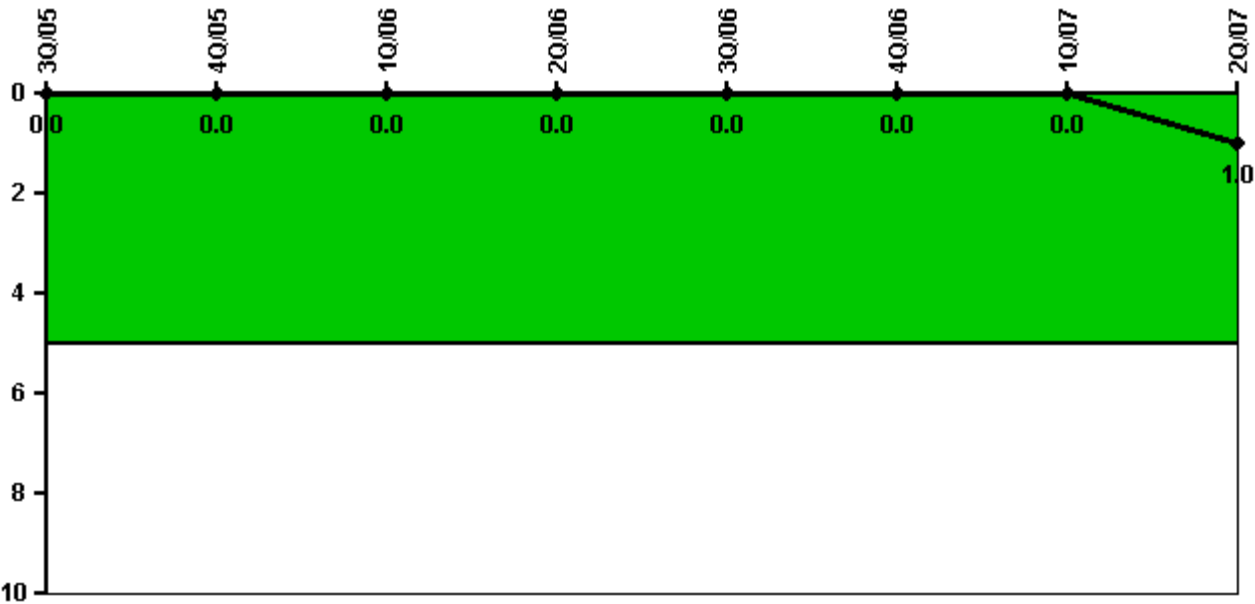
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Unplanned power changes	0	0	0	1.0	0	0	0	1.0
Critical hours	2208.0	2209.0	2160.0	1085.0	2183.7	2209.0	2159.0	2184.0
Indicator value	1.8	1.6	1.6	0.9	0.9	0.9	0.9	0.8

Licensee Comments: none

Safety System Functional Failures (PWR)



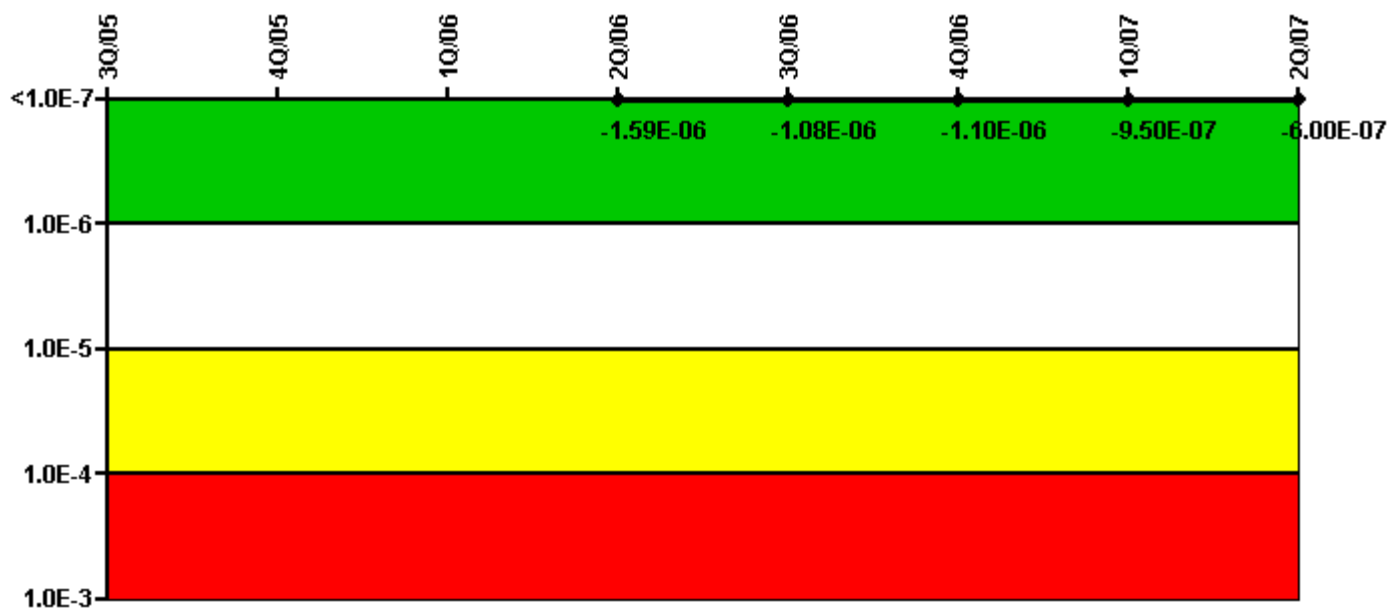
Thresholds: White > 5.0

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	1
Indicator value	0	0	0	0	0	0	0	1

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



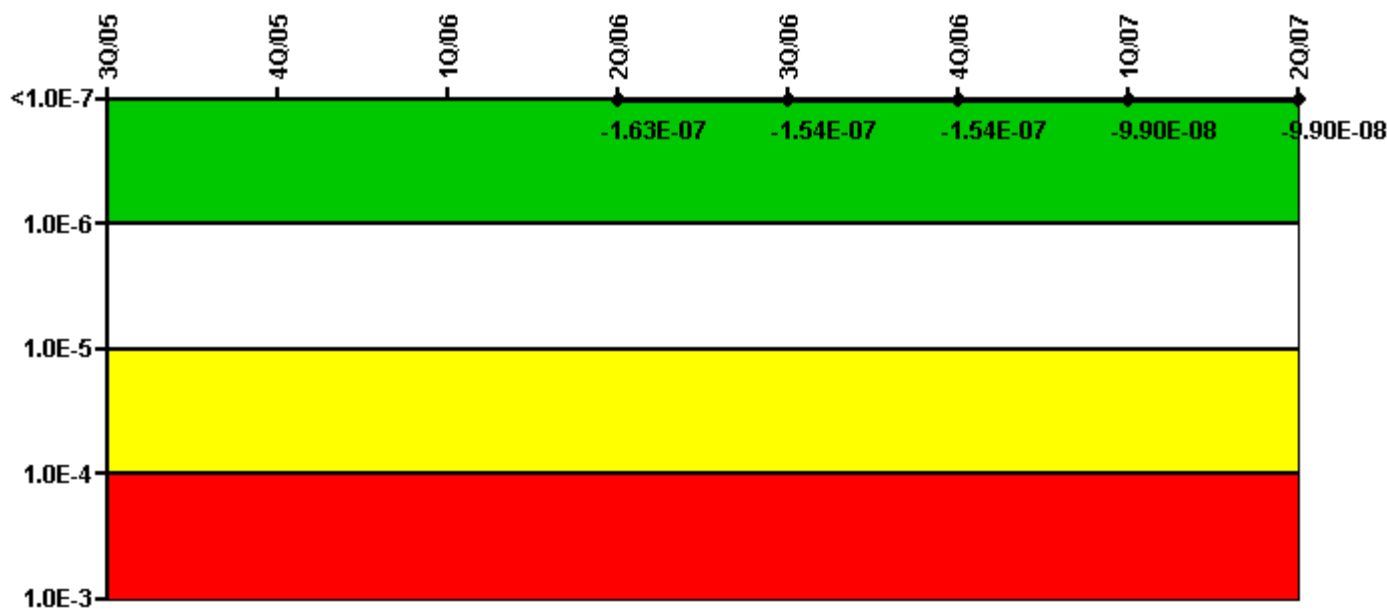
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (ΔCDF)				5.10E-07	3.20E-07	3.00E-07	4.50E-07	4.00E-07
URI (ΔCDF)				-2.10E-06	-1.40E-06	-1.40E-06	-1.40E-06	-1.00E-06
PLE				NO	NO	NO	NO	NO
Indicator value				-1.59E-06	-1.08E-06	-1.10E-06	-9.50E-07	-6.00E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



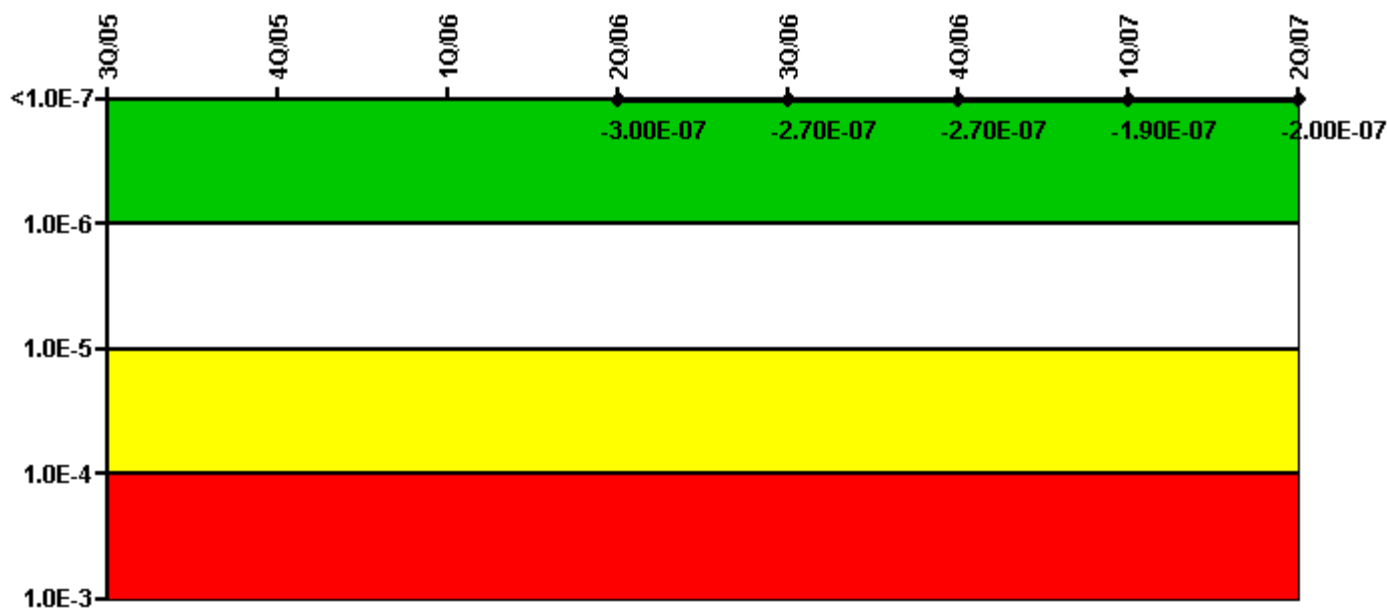
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (ΔCDF)				-8.50E-08	-8.40E-08	-8.40E-08	-2.90E-08	-2.90E-08
URI (ΔCDF)				-7.80E-08	-7.00E-08	-7.00E-08	-7.00E-08	-7.00E-08
PLE				NO	NO	NO	NO	NO
Indicator value				-1.63E-07	-1.54E-07	-1.54E-07	-9.90E-08	-9.90E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



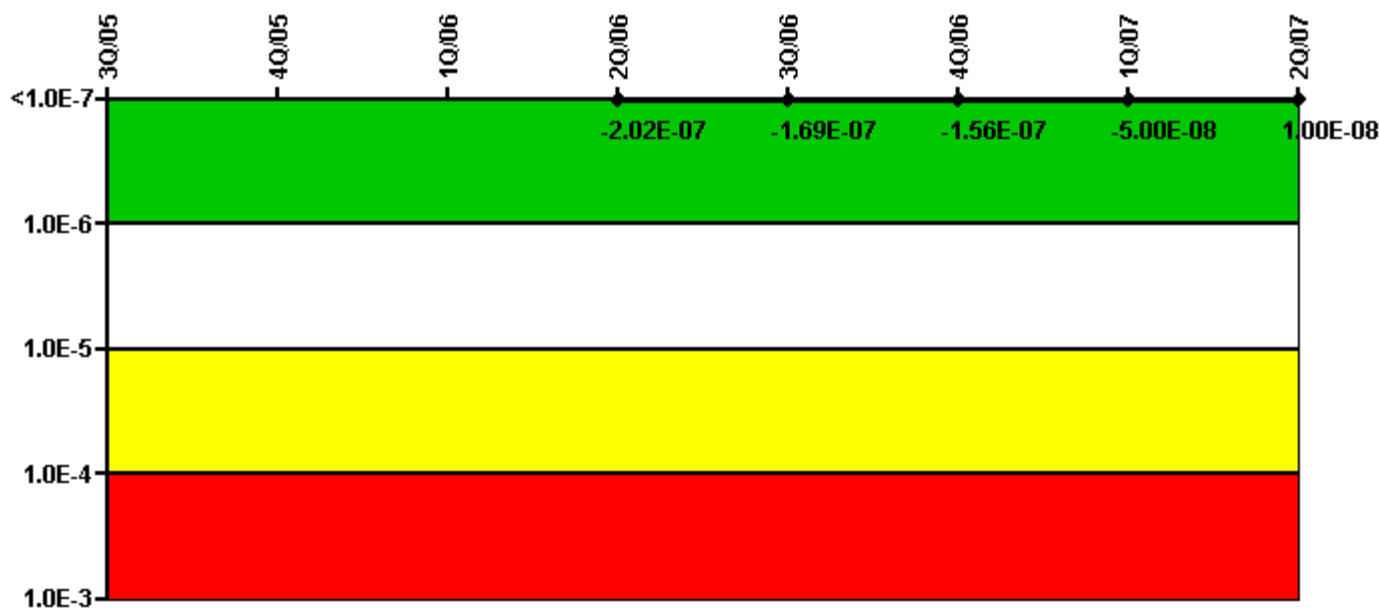
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (ΔCDF)				3.60E-07	2.50E-07	2.50E-07	3.30E-07	3.20E-07
URI (ΔCDF)				-6.60E-07	-5.20E-07	-5.20E-07	-5.20E-07	-5.20E-07
PLE				NO	NO	NO	NO	NO
Indicator value				-3.00E-07	-2.70E-07	-2.70E-07	-1.90E-07	-2.00E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



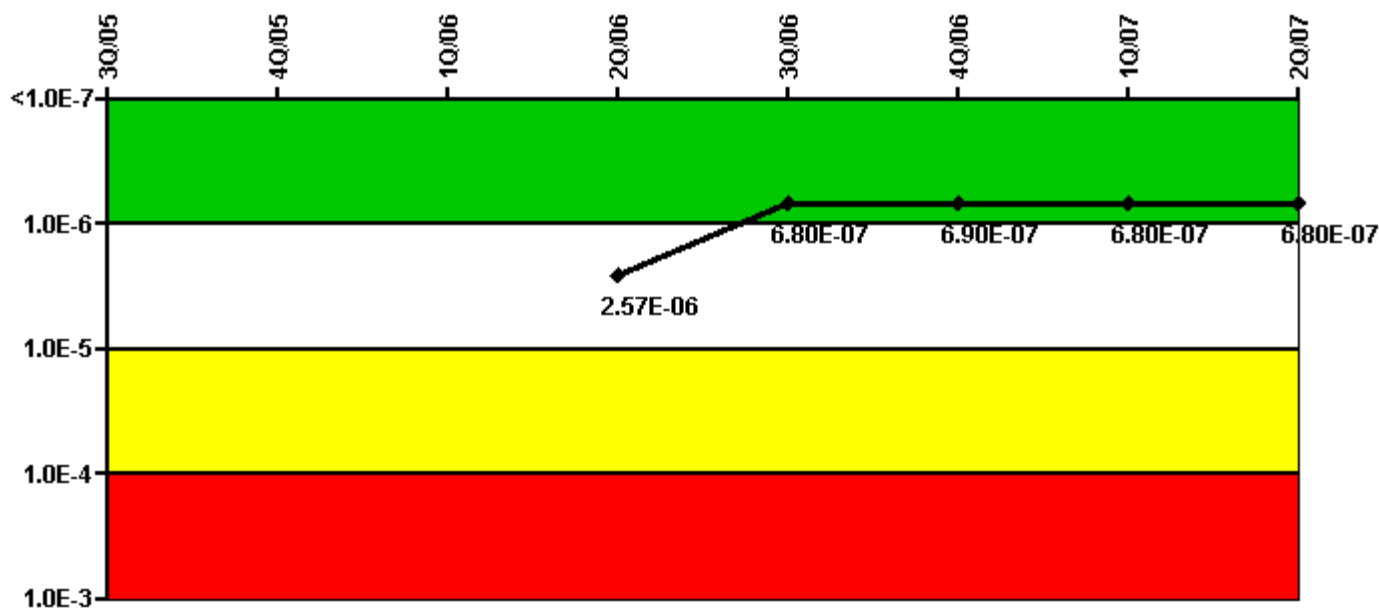
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (ACDF)				9.80E-08	4.10E-08	5.40E-08	1.60E-07	2.20E-07
URI (ACDF)				-3.00E-07	-2.10E-07	-2.10E-07	-2.10E-07	-2.10E-07
PLE				NO	NO	NO	NO	NO
Indicator value				-2.02E-07	-1.69E-07	-1.56E-07	-5.00E-08	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

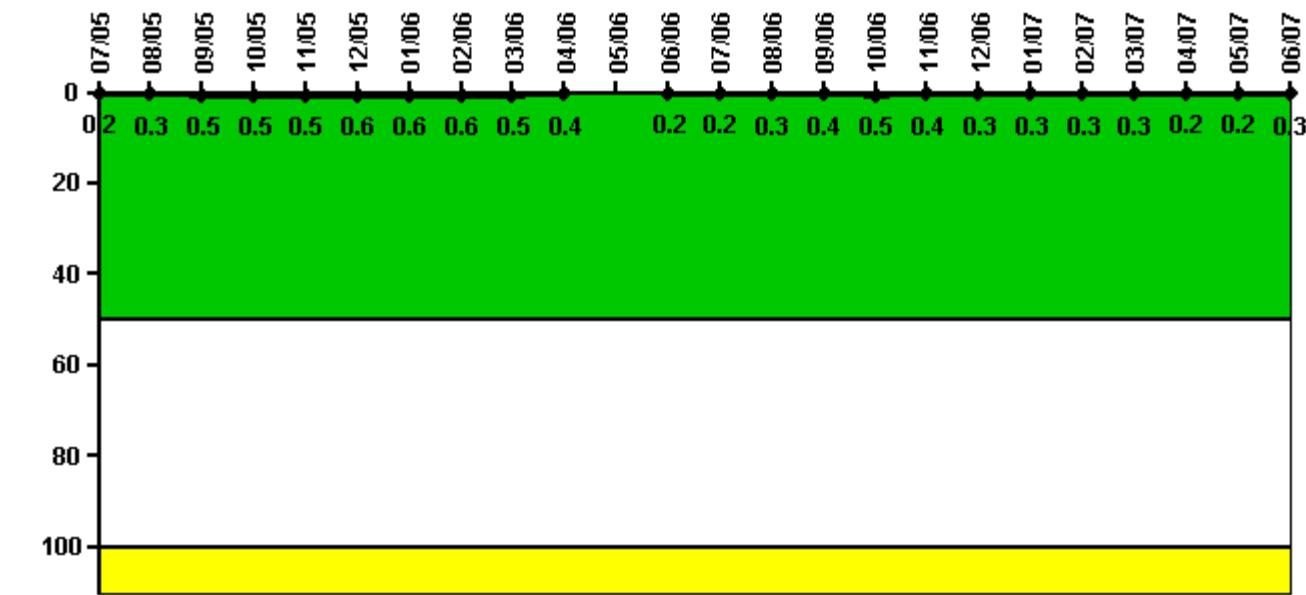
Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (ΔCDF)				2.70E-07	2.50E-07	2.60E-07	2.50E-07	2.50E-07
URI (ΔCDF)				2.30E-06	4.30E-07	4.30E-07	4.30E-07	4.30E-07
PLE				NO	NO	NO	NO	NO
Indicator value				2.57E-06	6.80E-07	6.90E-07	6.80E-07	6.80E-07

Licensee Comments:

2Q/07: Risk Cap Invoked.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

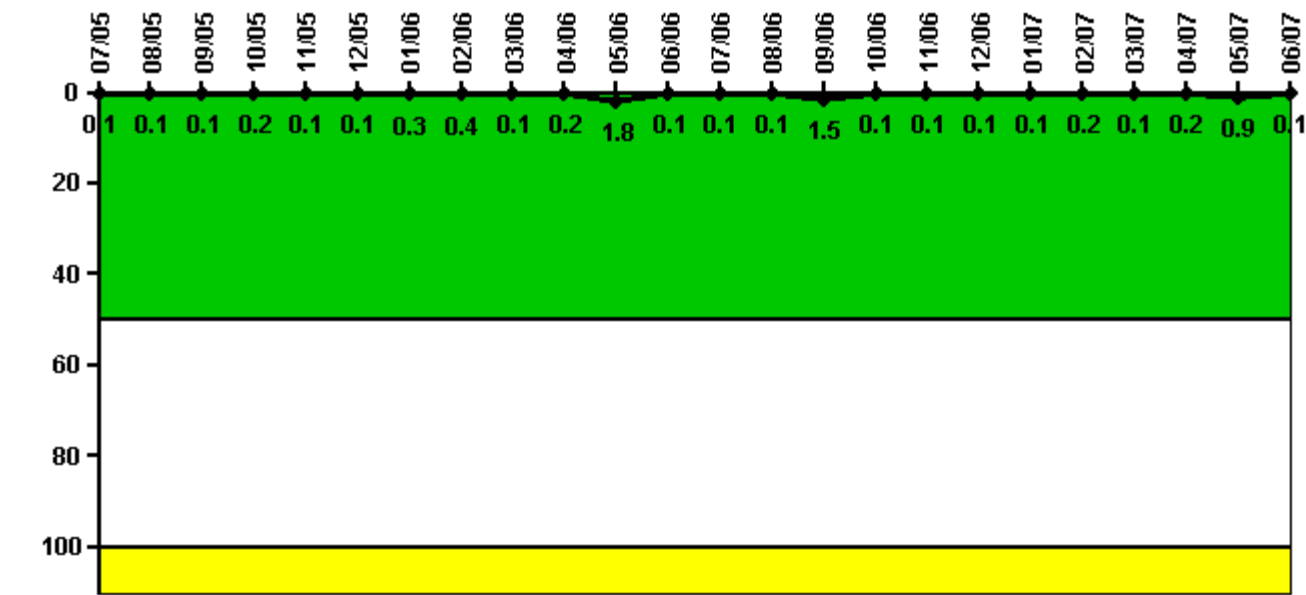
Notes

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	0.001245	0.001401	0.002277	0.002448	0.002715	0.002806	0.002925	0.002922	0.002318	0.002097	N/A	0.001010
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.2	0.3	0.5	0.5	0.5	0.6	0.6	0.6	0.5	0.4	N/A	0.2

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	0.001124	0.001524	0.001937	0.002433	0.001970	0.001331	0.001404	0.001526	0.001532	0.001129	0.001213	0.001417
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.2	0.3	0.4	0.5	0.4	0.3	0.3	0.3	0.3	0.2	0.2	0.3

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

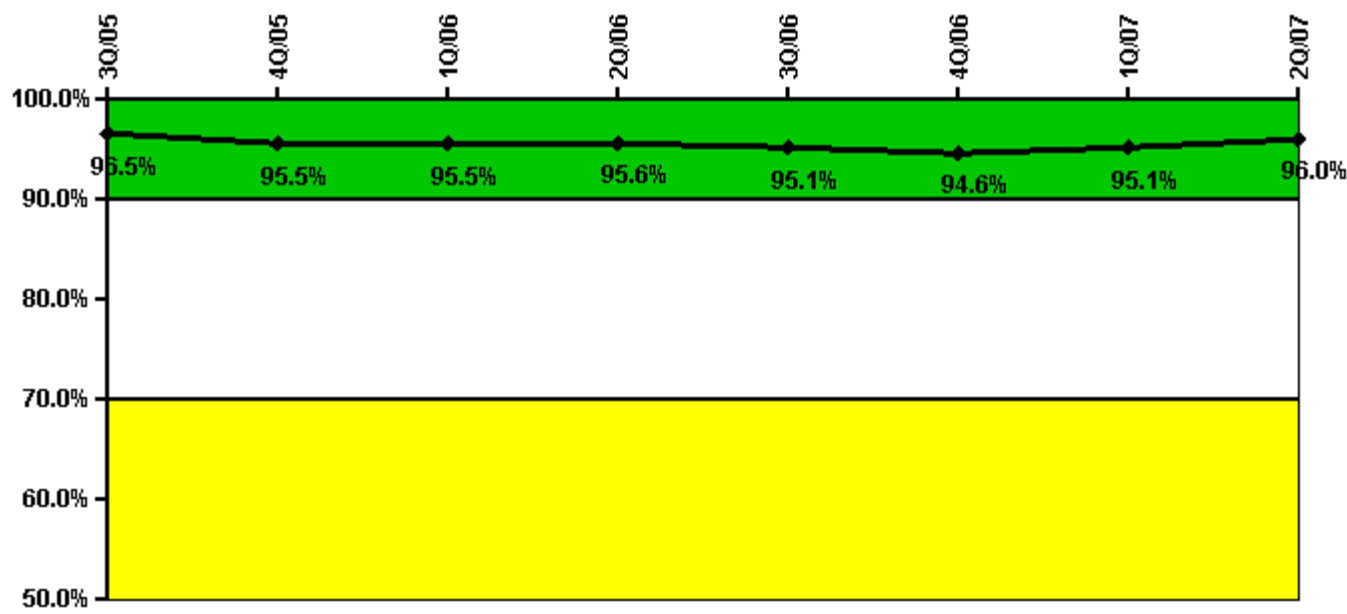
Notes

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	0.010	0.010	0.010	0.020	0.010	0.010	0.030	0.040	0.010	0.020	0.180	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	0.1	0.2	0.1	0.1	0.3	0.4	0.1	0.2	1.8	0.1

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	0.010	0.010	0.150	0.010	0.010	0.010	0.010	0.020	0.010	0.020	0.090	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	1.5	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.9	0.1

Licensee Comments: none

Drill/Exercise Performance



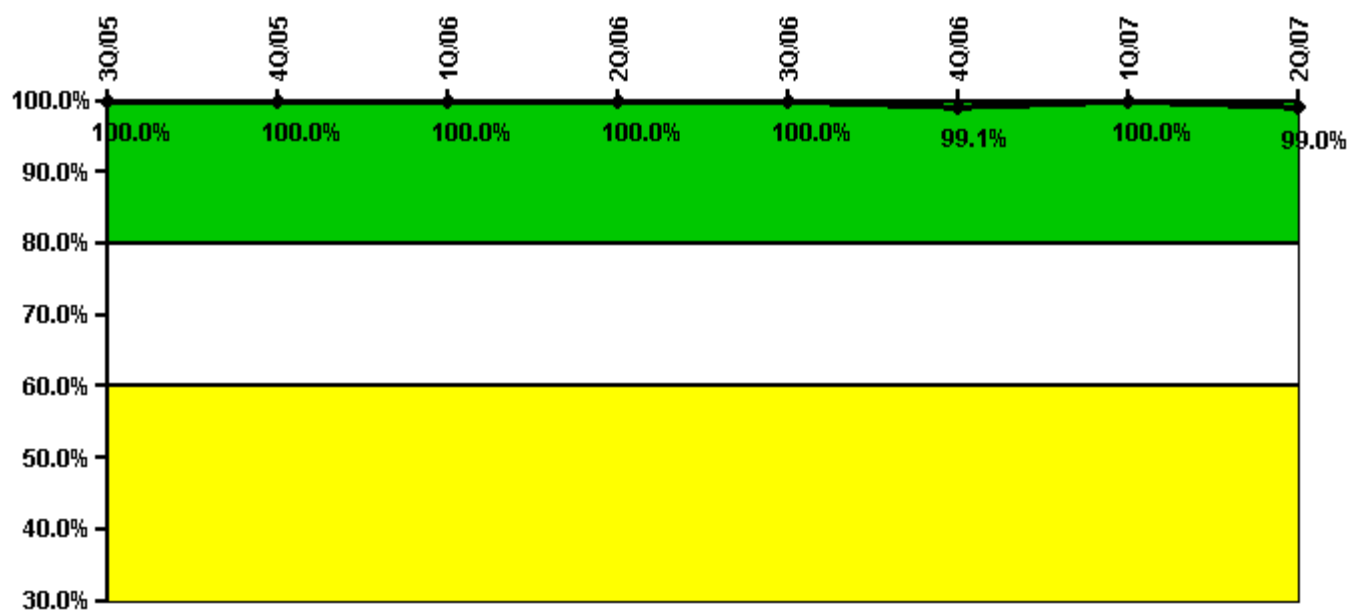
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Successful opportunities	59.0	2.0	0	6.0	65.0	46.0	28.0	8.0
Total opportunities	60.0	2.0	0	6.0	69.0	50.0	28.0	8.0
Indicator value	96.5%	95.5%	95.5%	95.6%	95.1%	94.6%	95.1%	96.0%

Licensee Comments: none

ERO Drill Participation



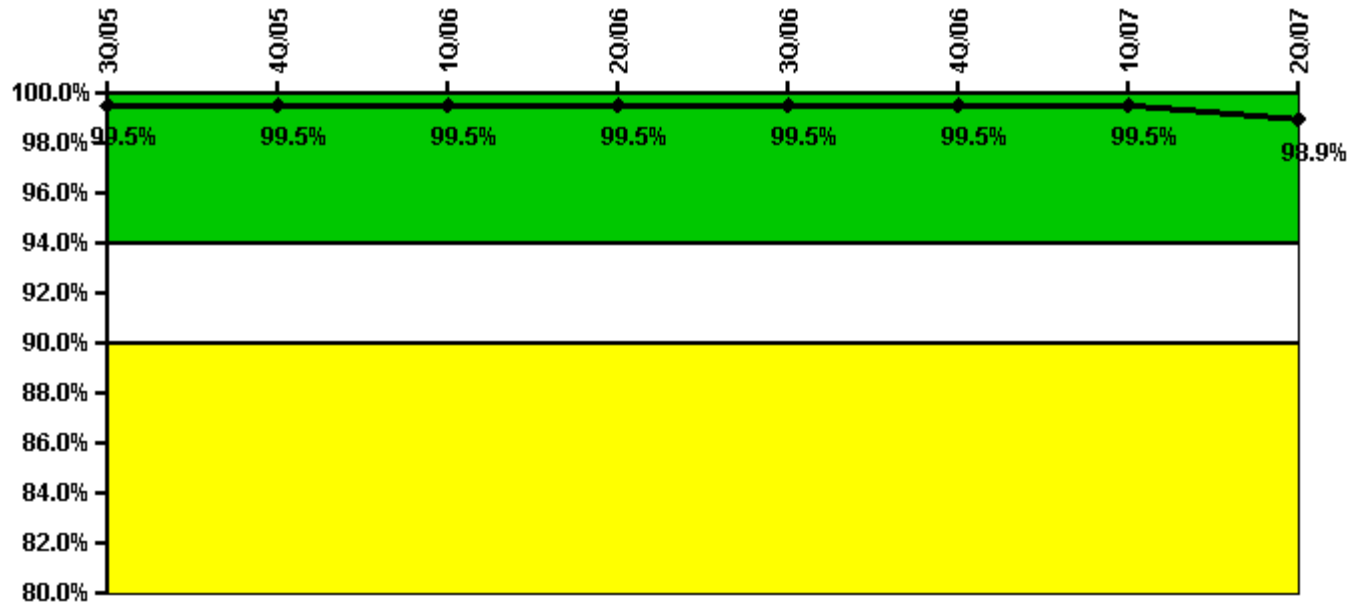
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Participating Key personnel	106.0	102.0	105.0	106.0	104.0	105.0	109.0	101.0
Total Key personnel	106.0	102.0	105.0	106.0	104.0	106.0	109.0	102.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	99.1%	100.0%	99.0%

Licensee Comments: none

Alert & Notification System



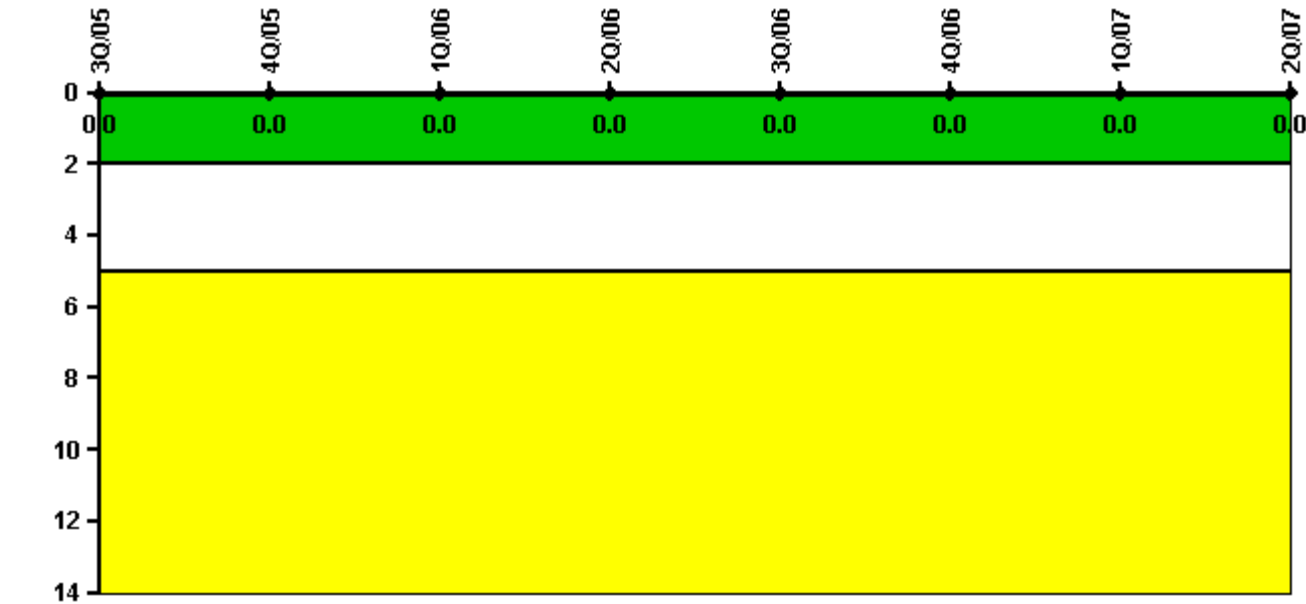
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Successful siren-tests	47	48	48	48	44	48	48	47
Total sirens-tests	48	48	48	48	45	48	48	48
Indicator value	99.5%	99.5%	99.5%	99.5%	99.5%	99.5%	99.5%	98.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



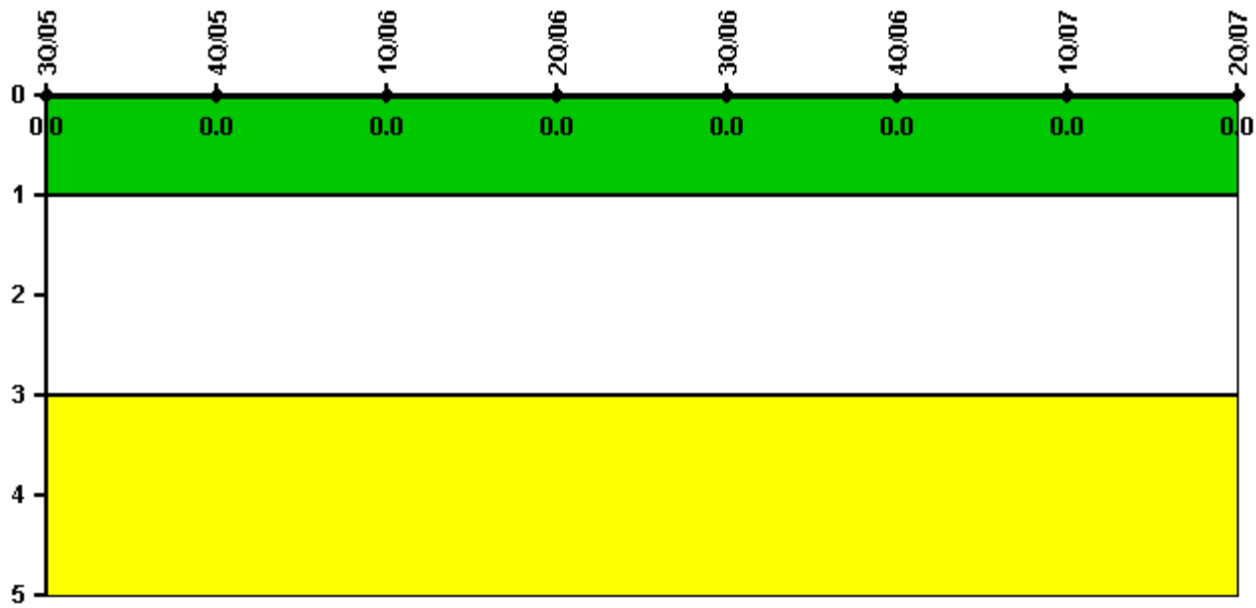
Thresholds: White > 2.0 Yellow > 5.0

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



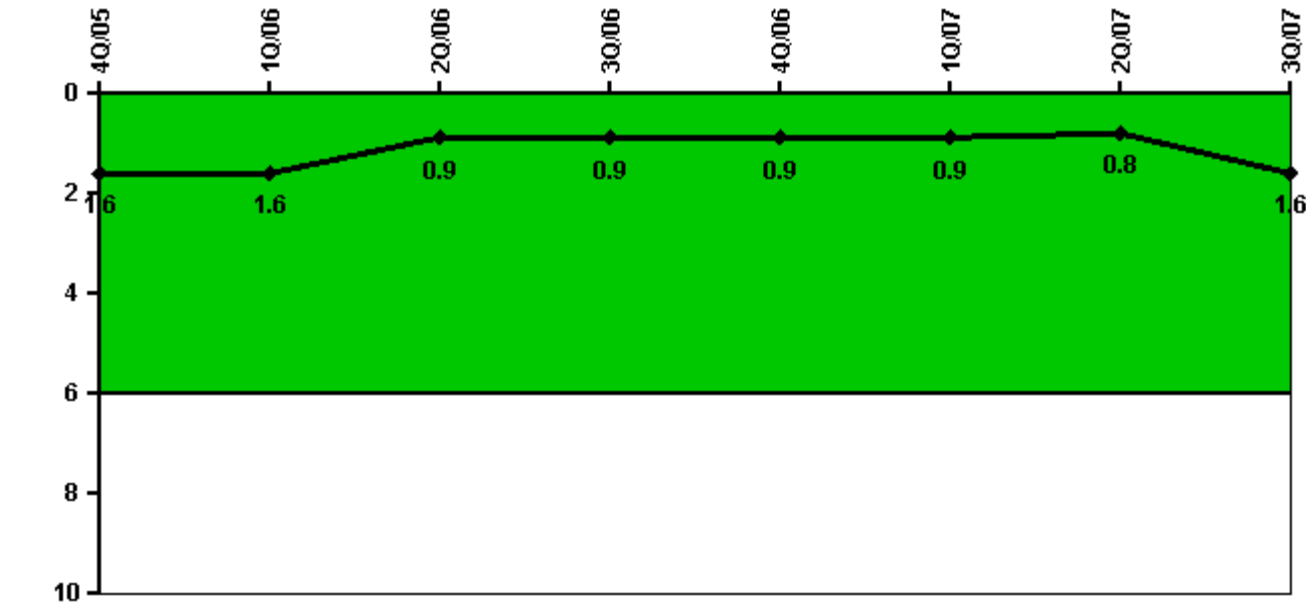
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	0	0	0	0	0
Critical hours	2209.0	2160.0	1085.0	2183.7	2209.0	2159.0	2184.0	2160.5
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



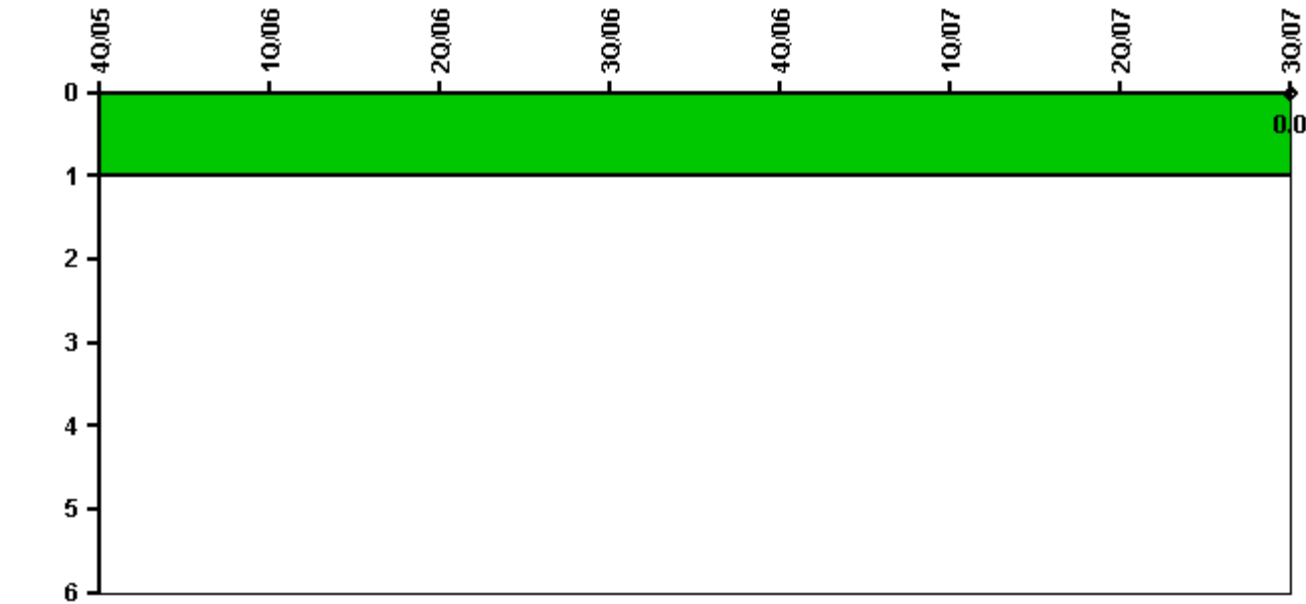
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Unplanned power changes	0	0	1.0	0	0	0	1.0	1.0
Critical hours	2209.0	2160.0	1085.0	2183.7	2209.0	2159.0	2184.0	2160.5
Indicator value	1.6	1.6	0.9	0.9	0.9	0.9	0.8	1.6

Licensee Comments: none

Unplanned Scrams with Complications



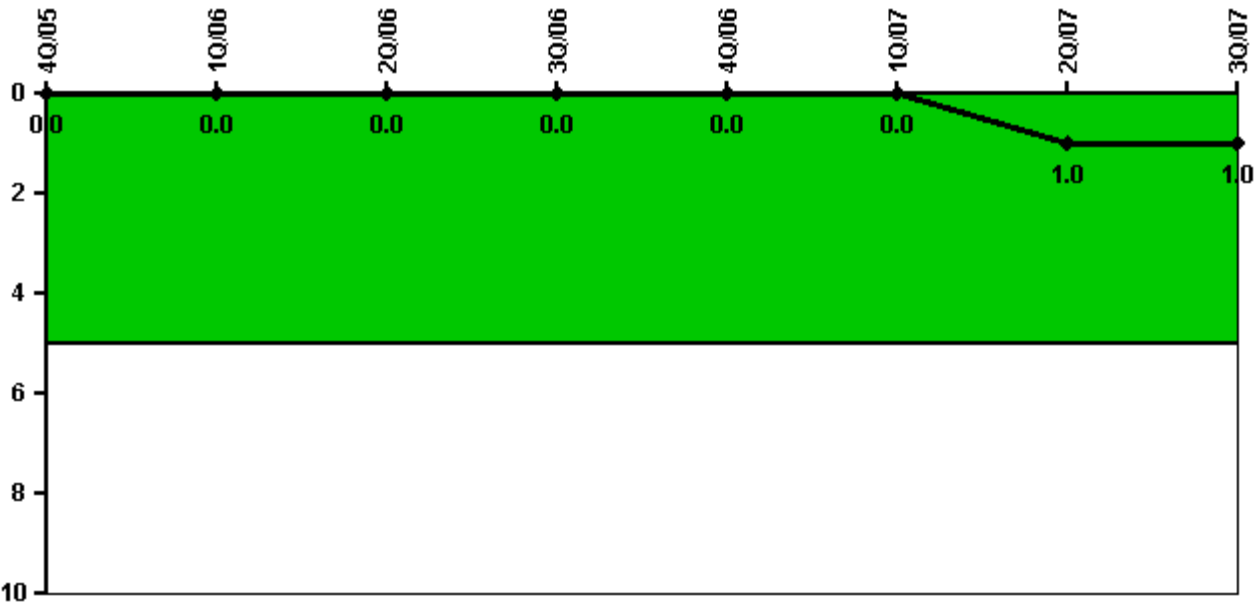
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/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)



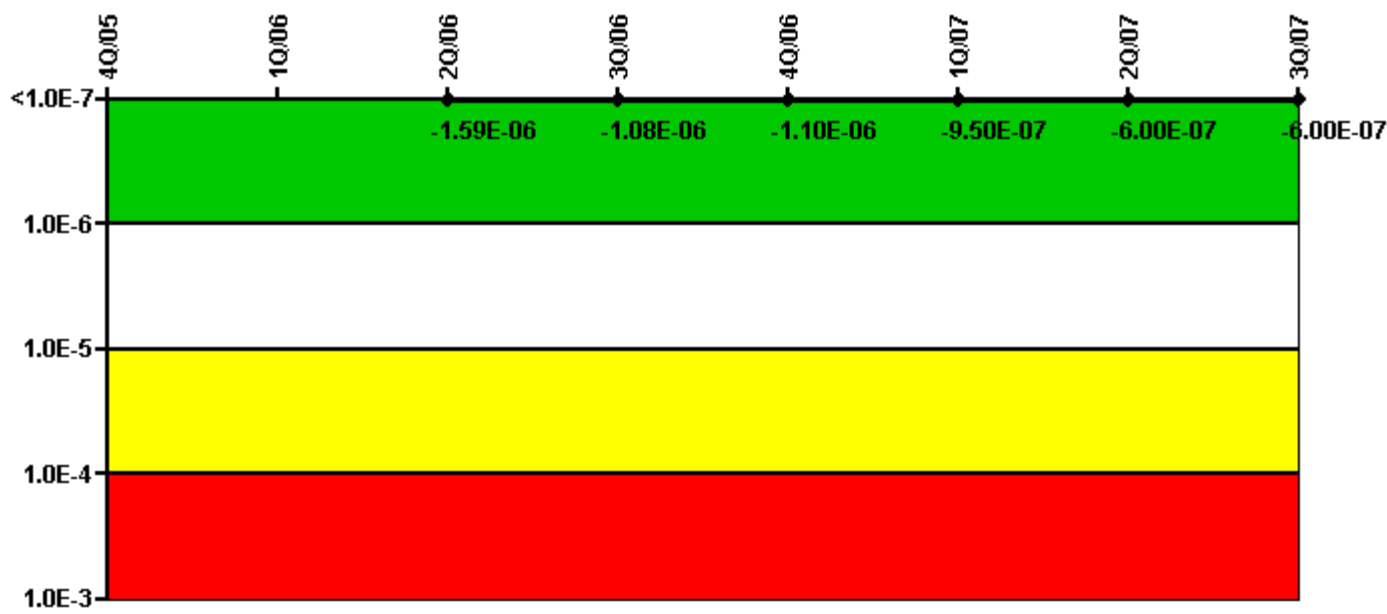
Thresholds: White > 5.0

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



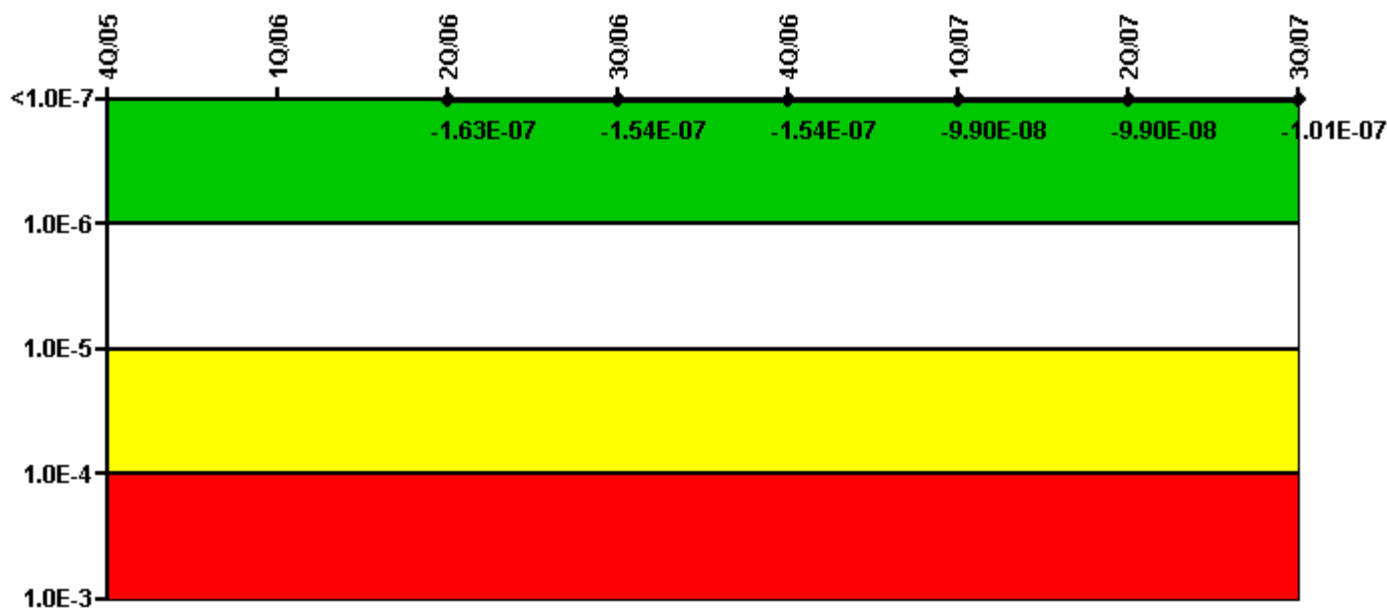
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI (ΔCDF)			5.10E-07	3.20E-07	3.00E-07	4.50E-07	4.00E-07	4.00E-07
URI (ΔCDF)			-2.10E-06	-1.40E-06	-1.40E-06	-1.40E-06	-1.00E-06	-1.00E-06
PLE			NO	NO	NO	NO	NO	NO
Indicator value			-1.59E-06	-1.08E-06	-1.10E-06	-9.50E-07	-6.00E-07	-6.00E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



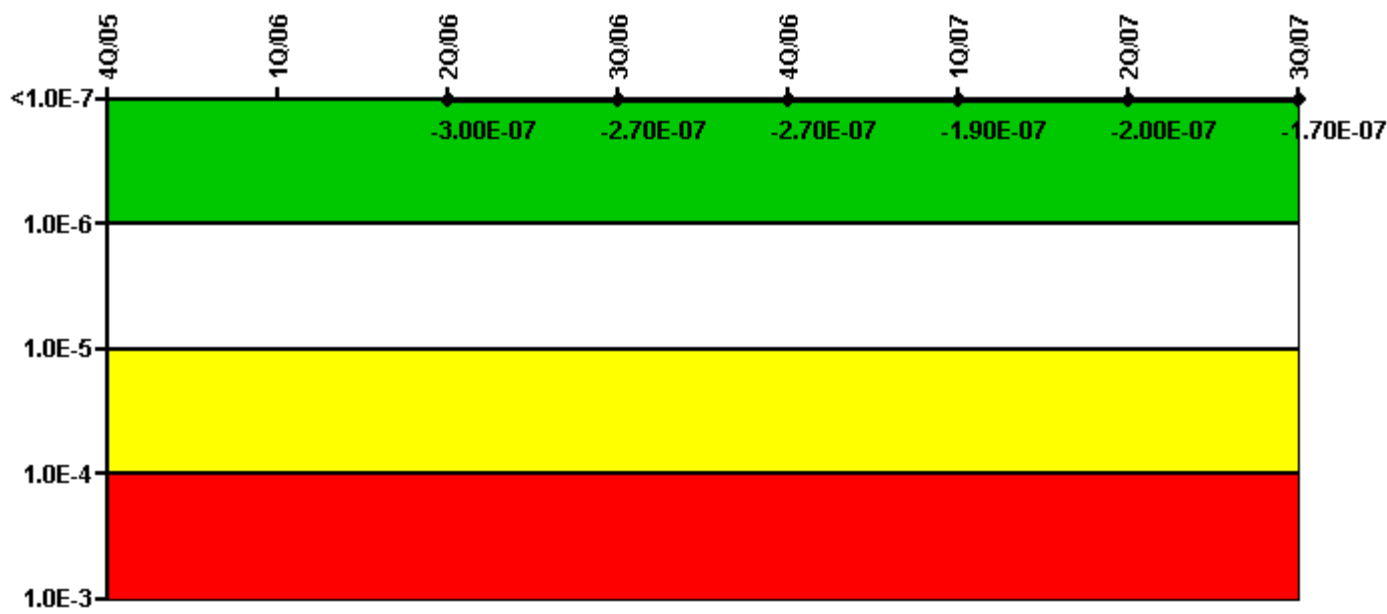
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI (ΔCDF)			-8.50E-08	-8.40E-08	-8.40E-08	-2.90E-08	-2.90E-08	-3.10E-08
URI (ΔCDF)			-7.80E-08	-7.00E-08	-7.00E-08	-7.00E-08	-7.00E-08	-7.00E-08
PLE			NO	NO	NO	NO	NO	NO
Indicator value			-1.63E-07	-1.54E-07	-1.54E-07	-9.90E-08	-9.90E-08	-1.01E-07

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



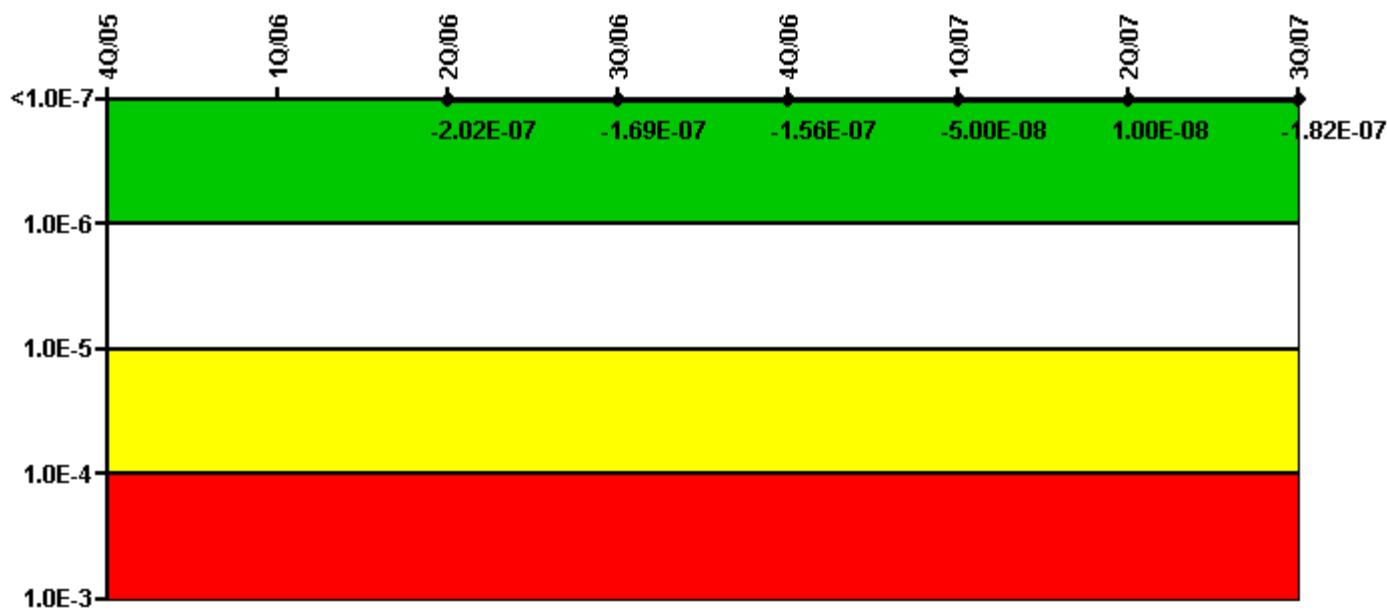
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI (ΔCDF)			3.60E-07	2.50E-07	2.50E-07	3.30E-07	3.20E-07	3.50E-07
URI (ΔCDF)			-6.60E-07	-5.20E-07	-5.20E-07	-5.20E-07	-5.20E-07	-5.20E-07
PLE			NO	NO	NO	NO	NO	NO
Indicator value			-3.00E-07	-2.70E-07	-2.70E-07	-1.90E-07	-2.00E-07	-1.70E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



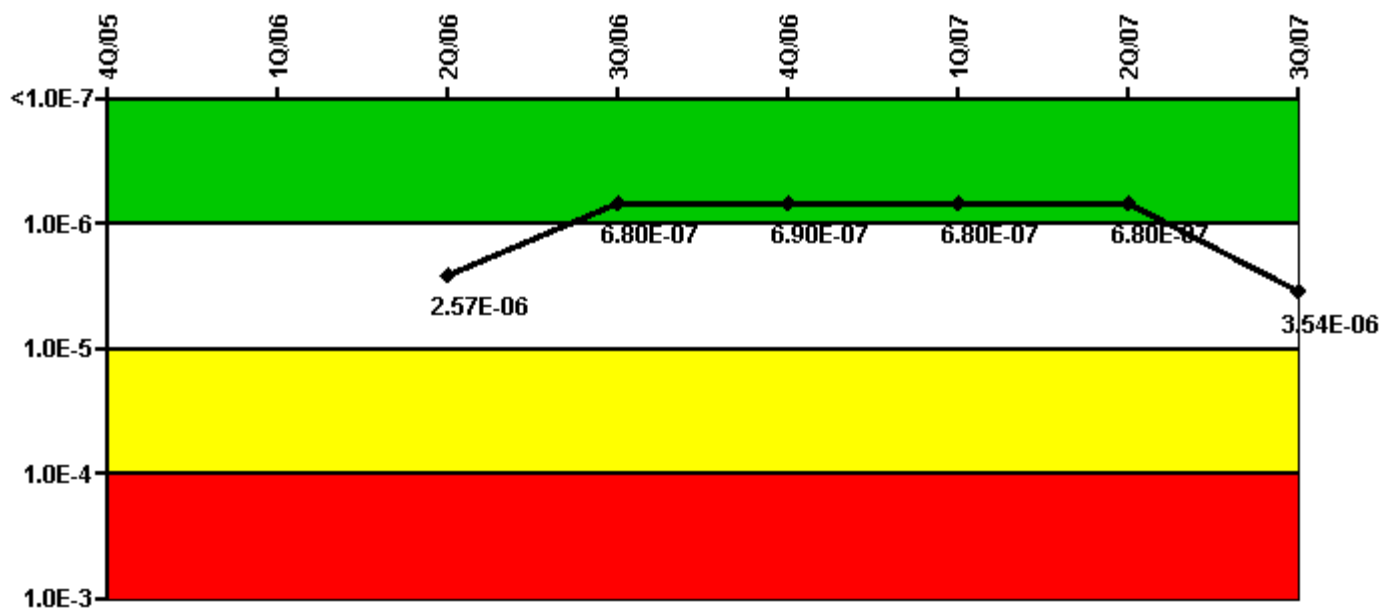
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI (ΔCDF)			9.80E-08	4.10E-08	5.40E-08	1.60E-07	2.20E-07	2.80E-08
URI (ΔCDF)			-3.00E-07	-2.10E-07	-2.10E-07	-2.10E-07	-2.10E-07	-2.10E-07
PLE			NO	NO	NO	NO	NO	NO
Indicator value			-2.02E-07	-1.69E-07	-1.56E-07	-5.00E-08	1.00E-08	-1.82E-07

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



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

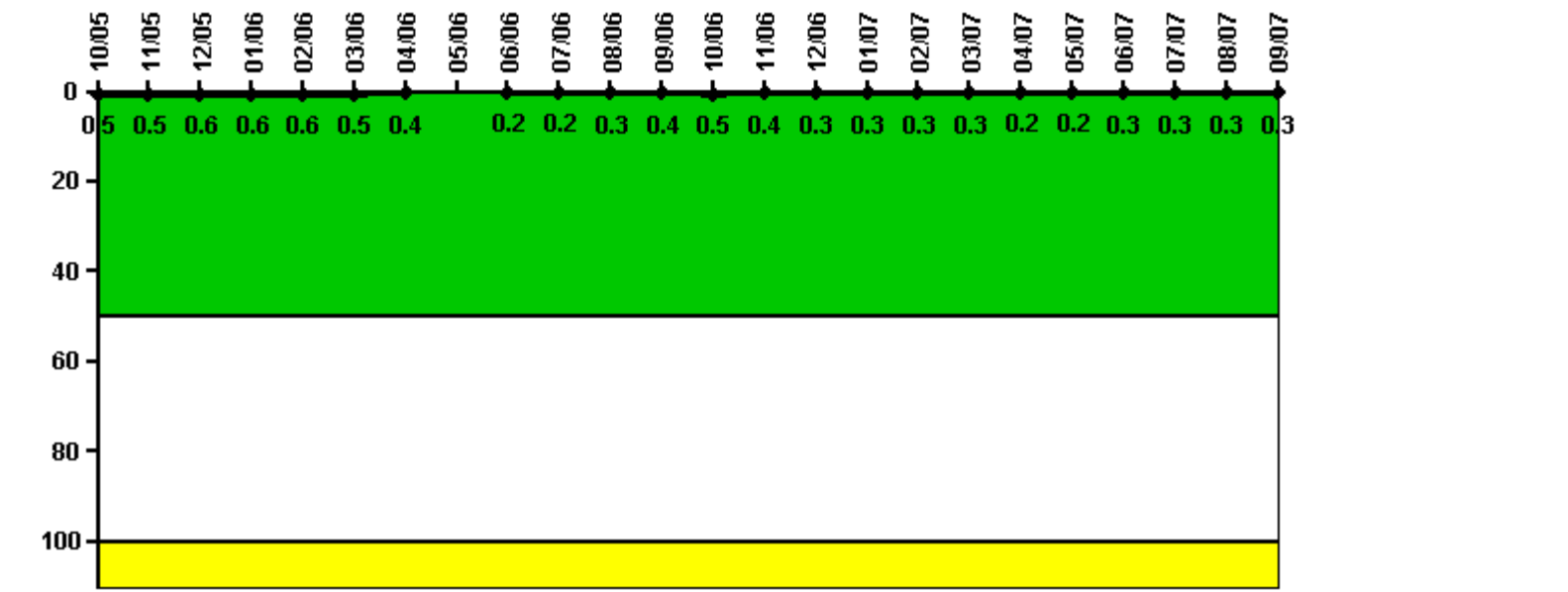
Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI (ΔCDF)			2.70E-07	2.50E-07	2.60E-07	2.50E-07	2.50E-07	3.40E-07
URI (ΔCDF)			2.30E-06	4.30E-07	4.30E-07	4.30E-07	4.30E-07	3.20E-06
PLE			NO	NO	NO	NO	NO	NO
Indicator value			2.57E-06	6.80E-07	6.90E-07	6.80E-07	6.80E-07	3.54E-06

Licensee Comments:

3Q/07: Risk Cap Invoked. White entry due to two independent breaker failures. Both breakers replaced. Comprehensive breaker replacement project in progress for the station.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

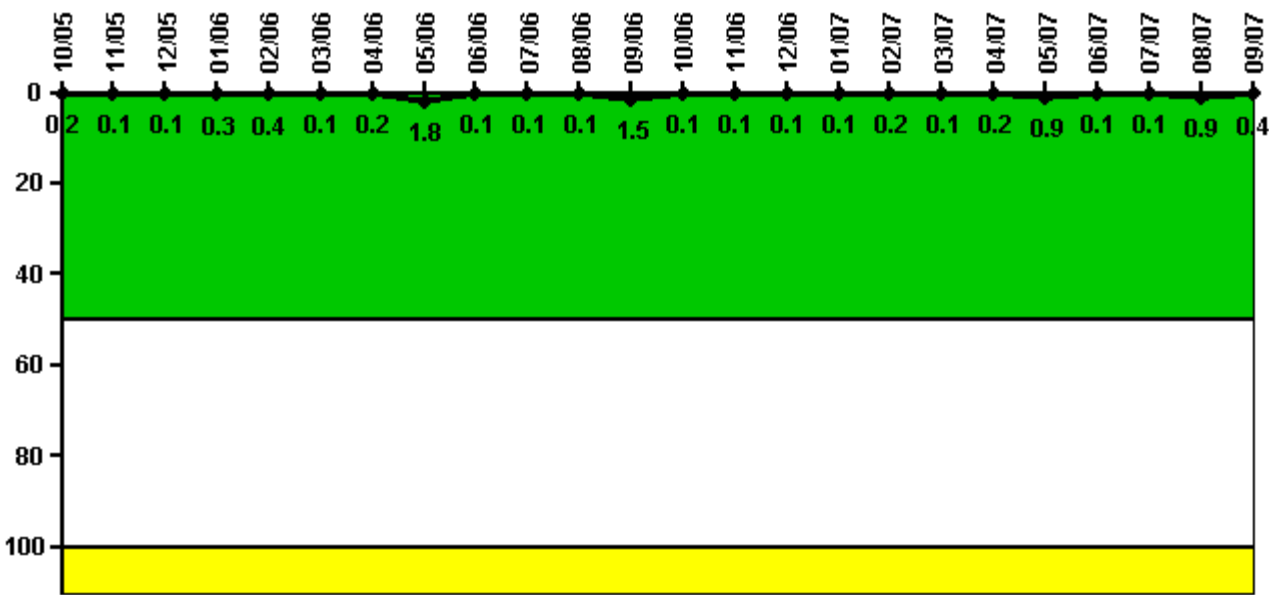
Notes

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	0.002448	0.002715	0.002806	0.002925	0.002922	0.002318	0.002097	N/A	0.001010	0.001124	0.001524	0.001937
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.5	0.5	0.6	0.6	0.6	0.5	0.4	N/A	0.2	0.2	0.3	0.4

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	0.002433	0.001970	0.001331	0.001404	0.001526	0.001532	0.001129	0.001213	0.001417	0.001607	0.001486	0.001480
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.5	0.4	0.3	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.3

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

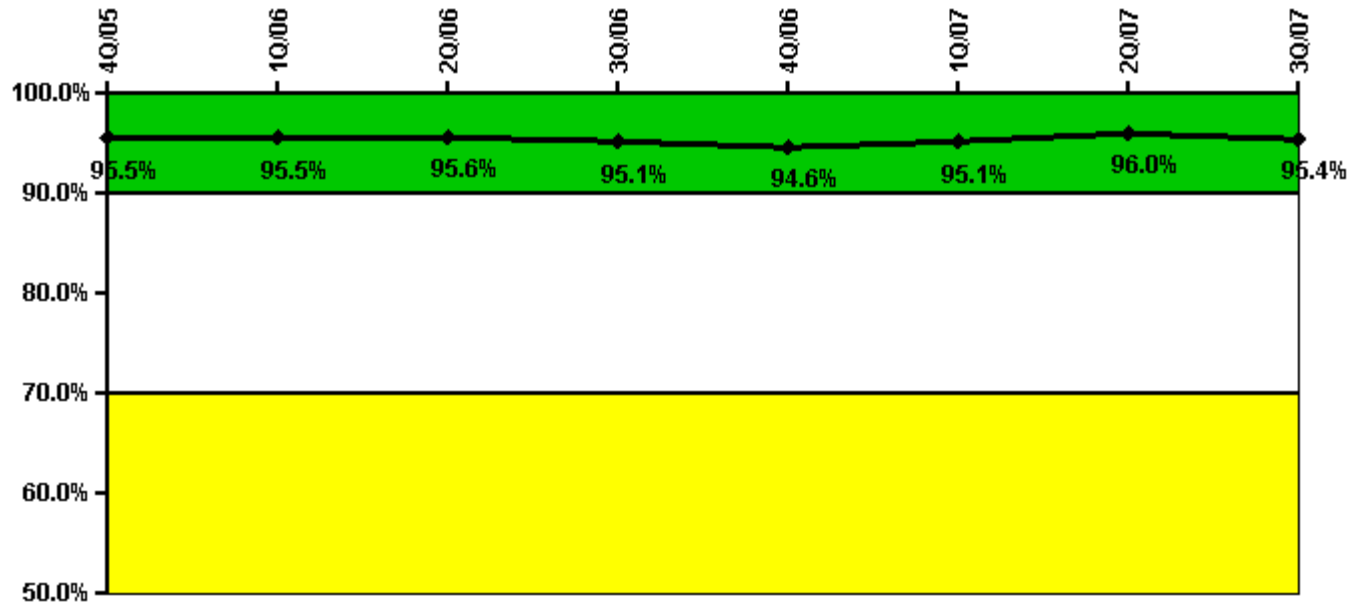
Notes

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	0.020	0.010	0.010	0.030	0.040	0.010	0.020	0.180	0.010	0.010	0.010	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	0.2	0.1	0.1	0.3	0.4	0.1	0.2	1.8	0.1	0.1	0.1	1.5

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	0.010	0.010	0.010	0.010	0.020	0.010	0.020	0.090	0.010	0.010	0.090	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.9	0.1	0.1	0.9	0.4

Licensee Comments: none

Drill/Exercise Performance



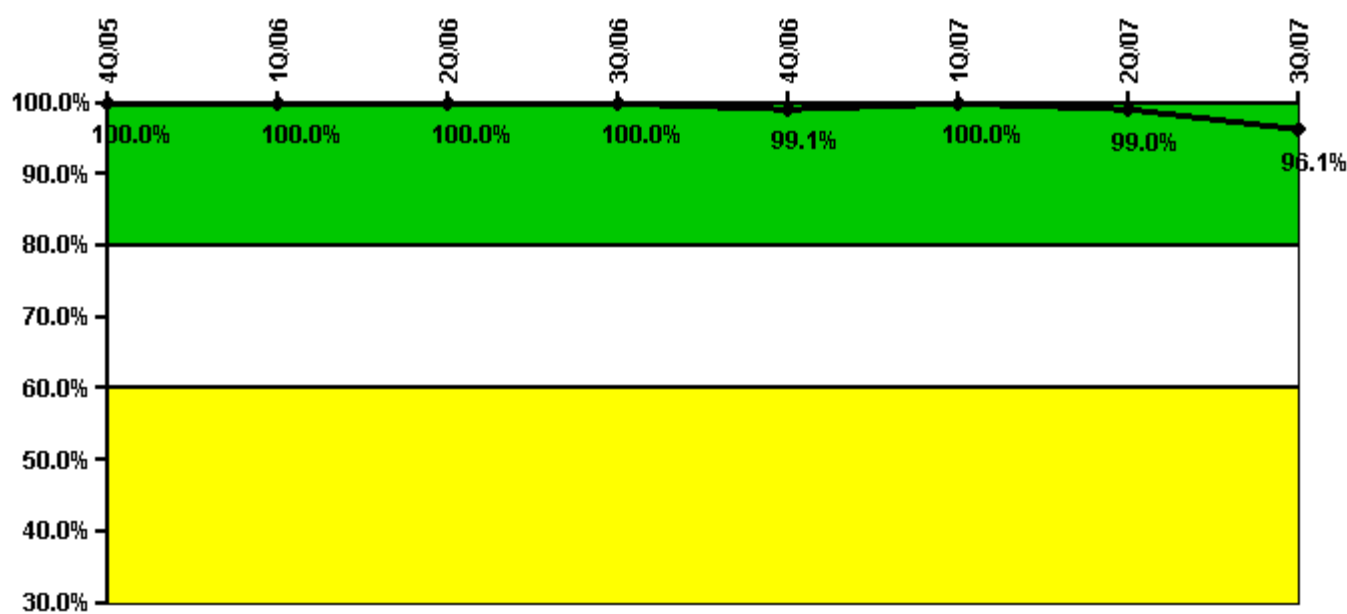
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Successful opportunities	2.0	0	6.0	65.0	46.0	28.0	8.0	12.0
Total opportunities	2.0	0	6.0	69.0	50.0	28.0	8.0	12.0
Indicator value	95.5%	95.5%	95.6%	95.1%	94.6%	95.1%	96.0%	95.4%

Licensee Comments: none

ERO Drill Participation



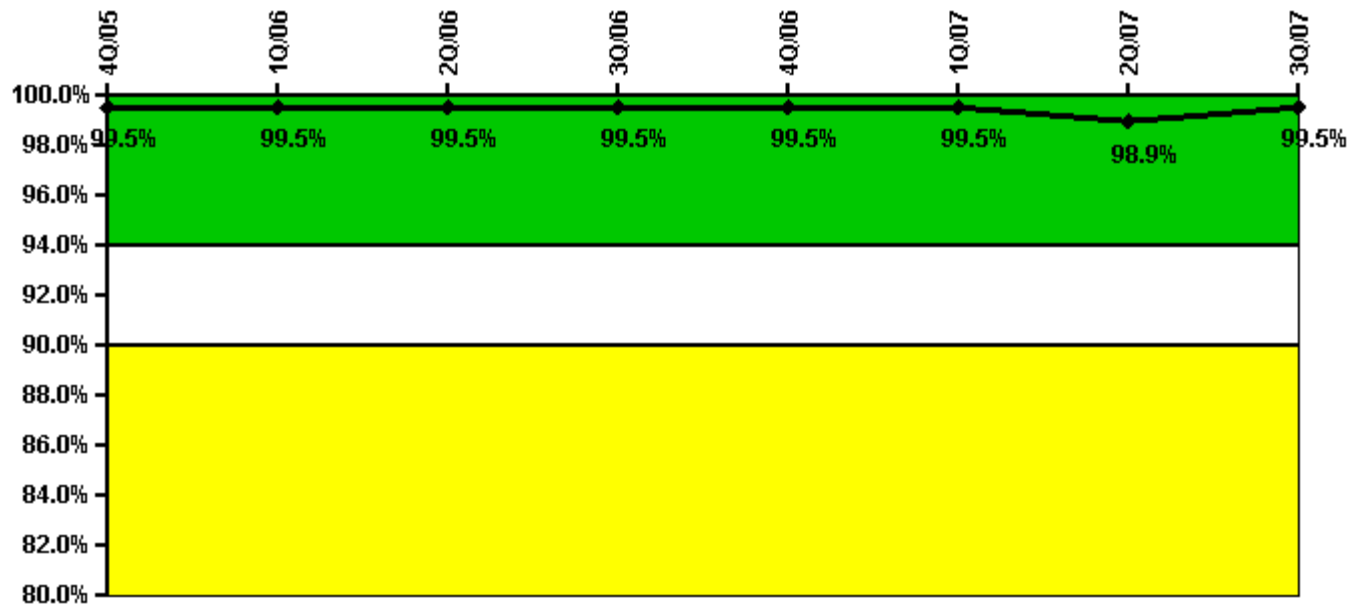
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Participating Key personnel	102.0	105.0	106.0	104.0	105.0	109.0	101.0	99.0
Total Key personnel	102.0	105.0	106.0	104.0	106.0	109.0	102.0	103.0
Indicator value	100.0%	100.0%	100.0%	100.0%	99.1%	100.0%	99.0%	96.1%

Licensee Comments: none

Alert & Notification System



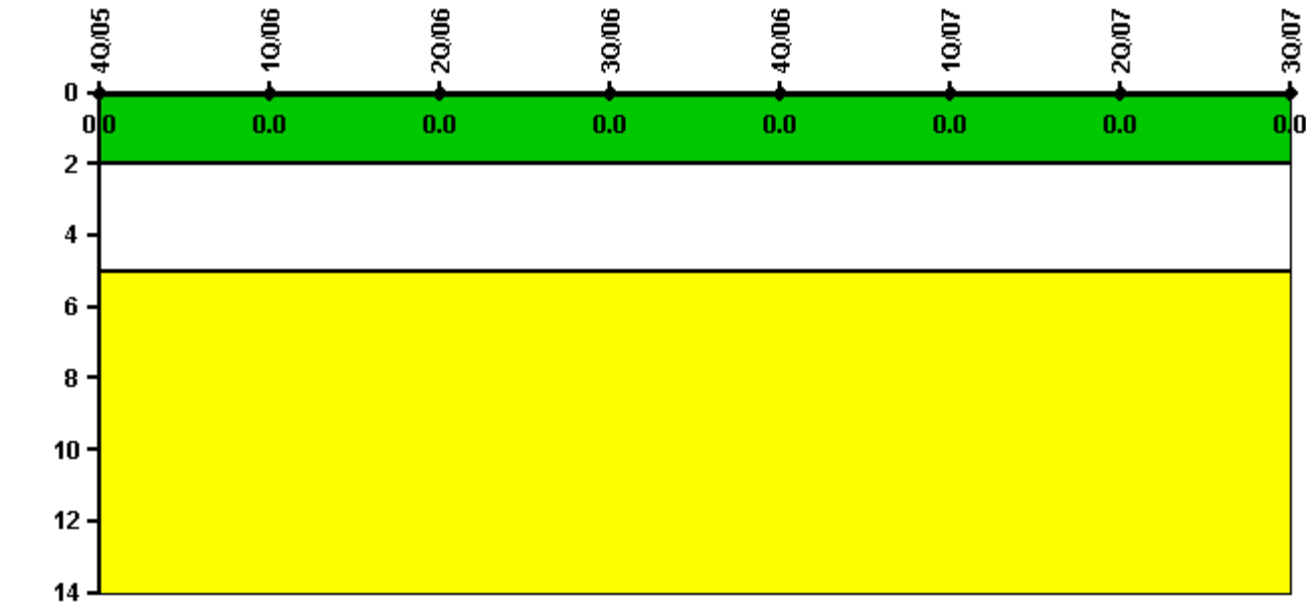
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Successful siren-tests	48	48	48	44	48	48	47	45
Total sirens-tests	48	48	48	45	48	48	48	45
Indicator value	99.5%	99.5%	99.5%	99.5%	99.5%	99.5%	98.9%	99.5%

Licensee Comments: none

Occupational Exposure Control Effectiveness



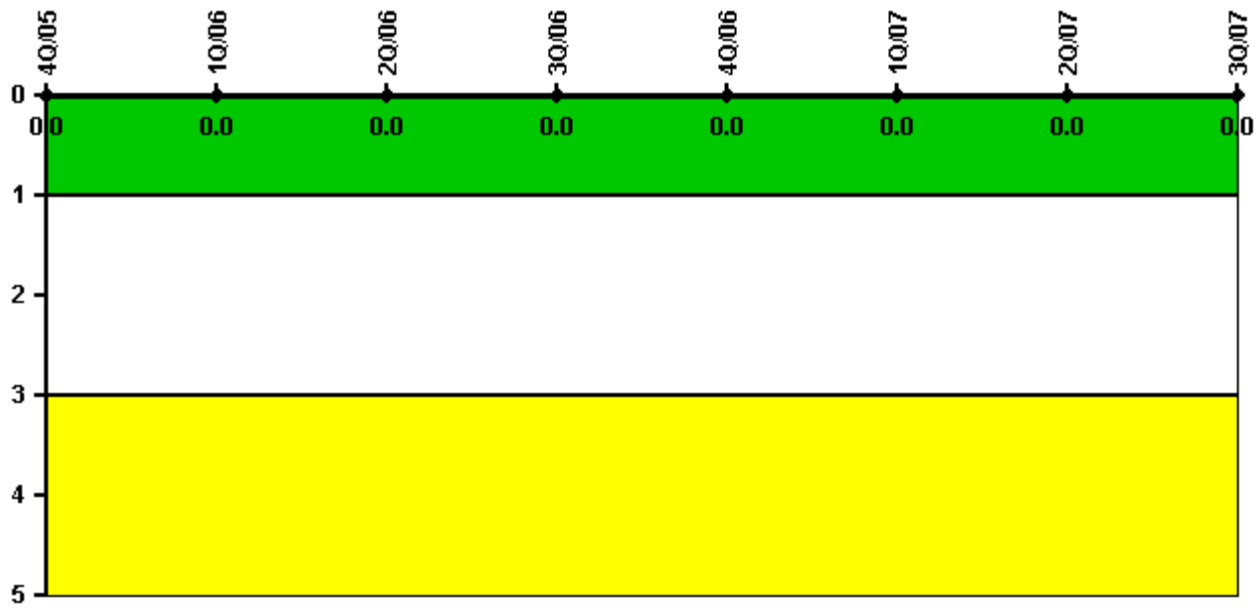
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

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

Last Modified: December 7, 2007

Farley 1

4Q/2007 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



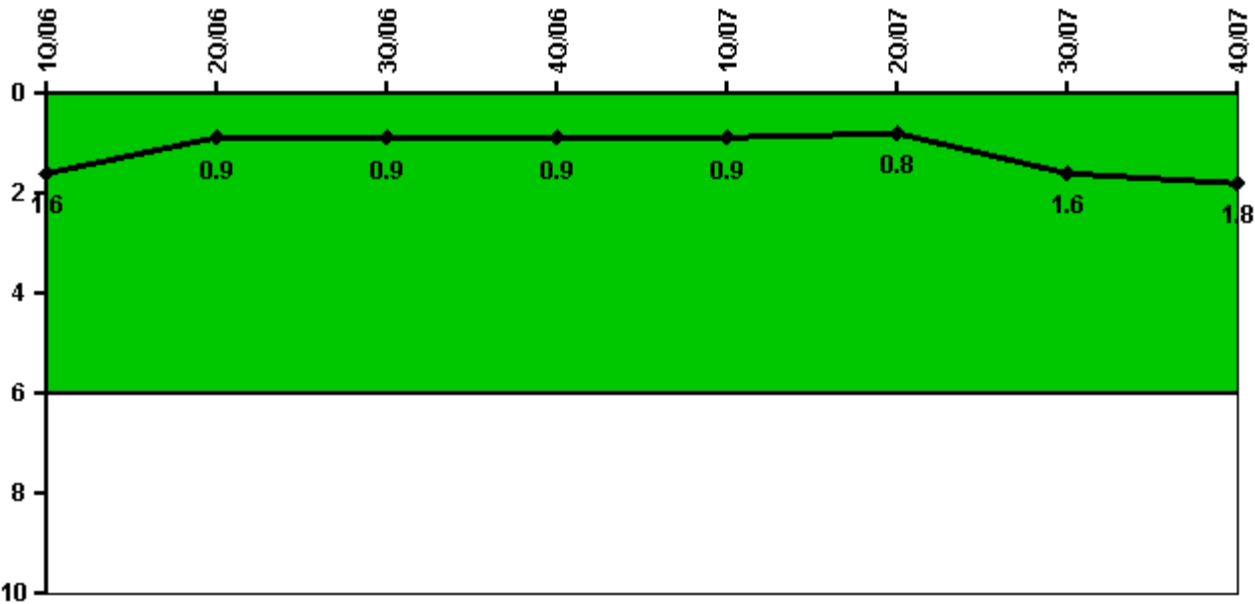
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2160.0	1085.0	2183.7	2209.0	2159.0	2184.0	2160.5	1185.6
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



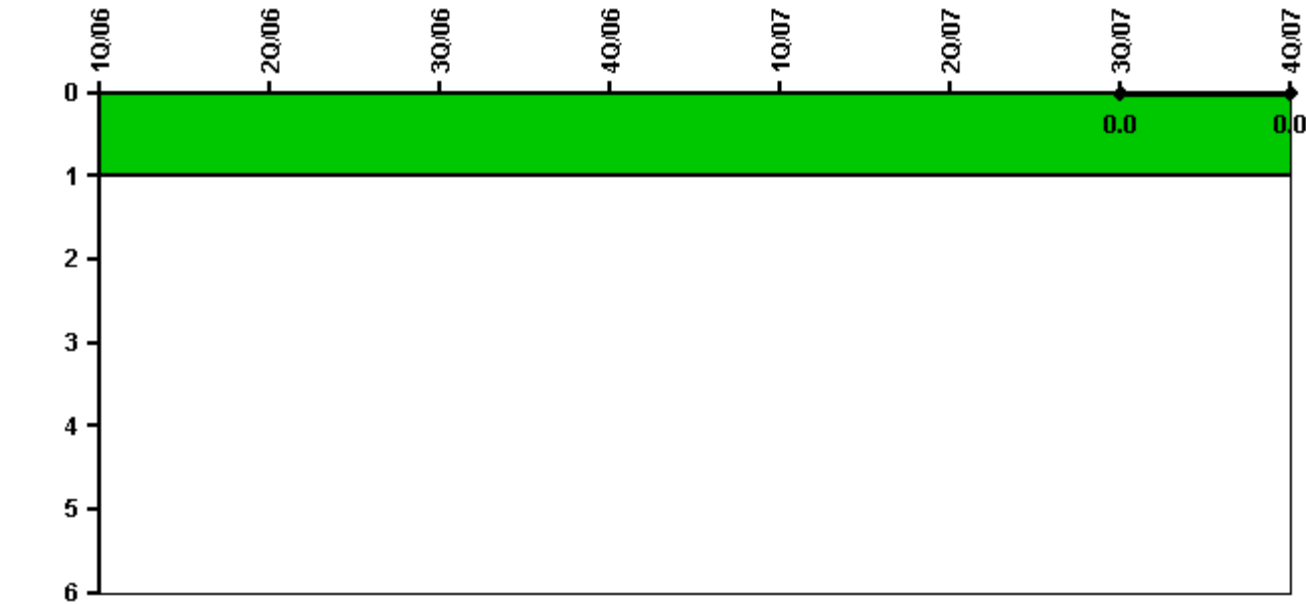
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Unplanned power changes	0	1.0	0	0	0	1.0	1.0	0
Critical hours	2160.0	1085.0	2183.7	2209.0	2159.0	2184.0	2160.5	1185.6
Indicator value	1.6	0.9	0.9	0.9	0.9	0.8	1.6	1.8

Licensee Comments: none

Unplanned Scrams with Complications



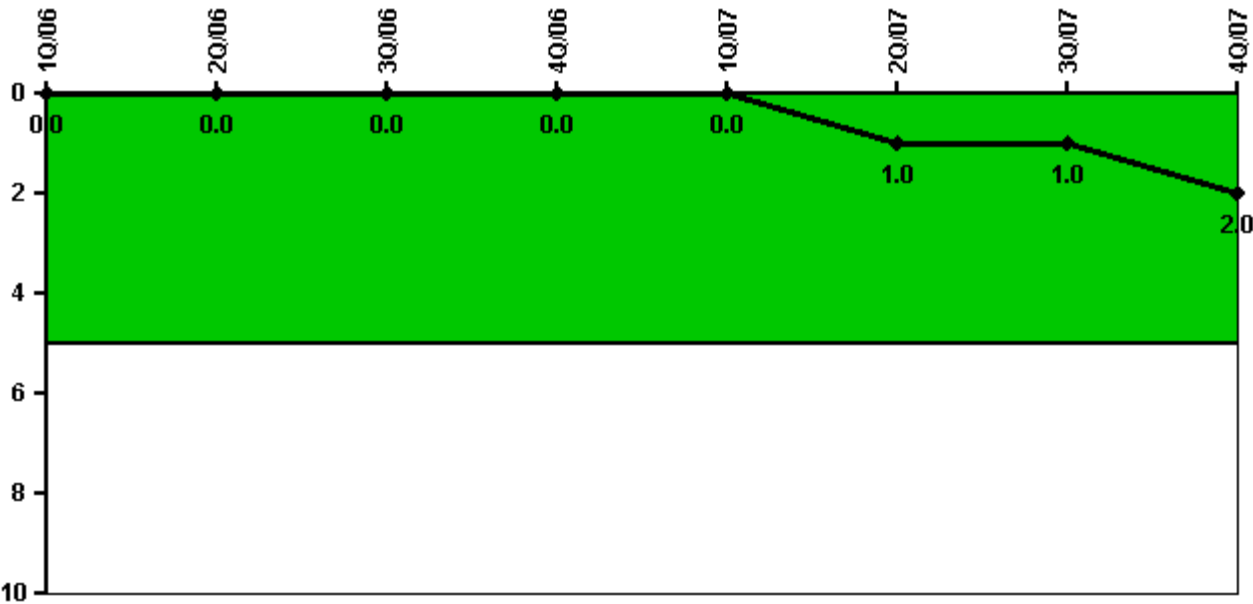
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/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)



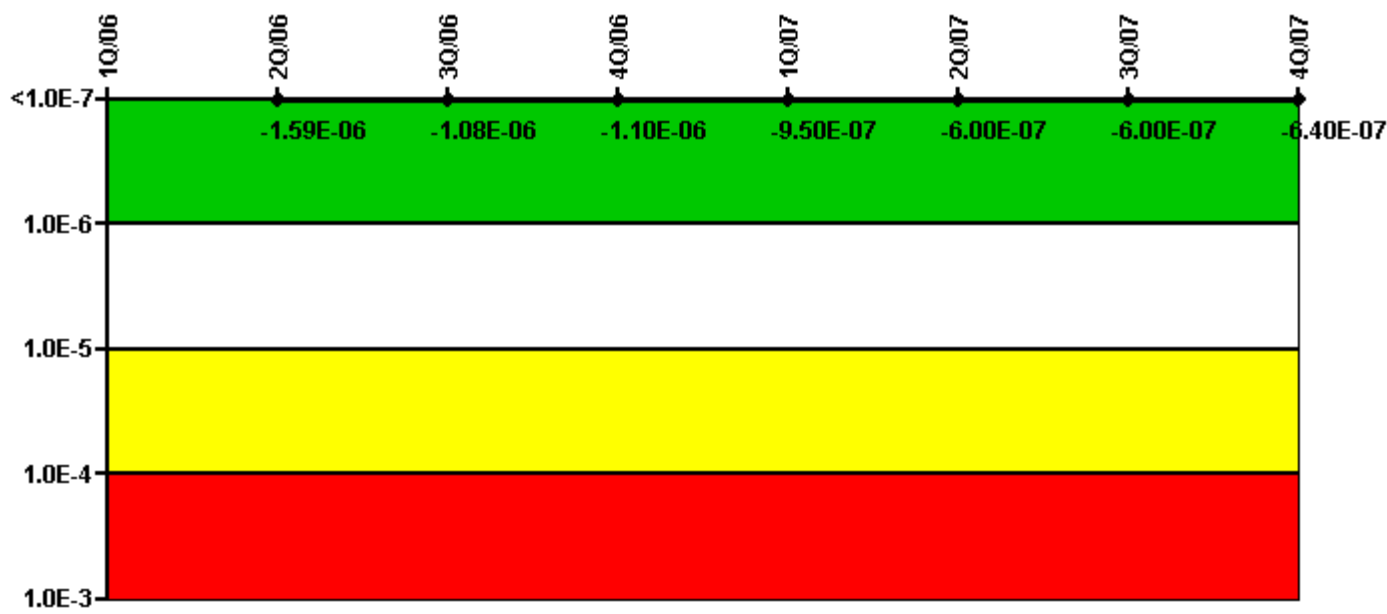
Thresholds: White > 5.0

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	1	0	1
Indicator value	0	0	0	0	0	1	1	2

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



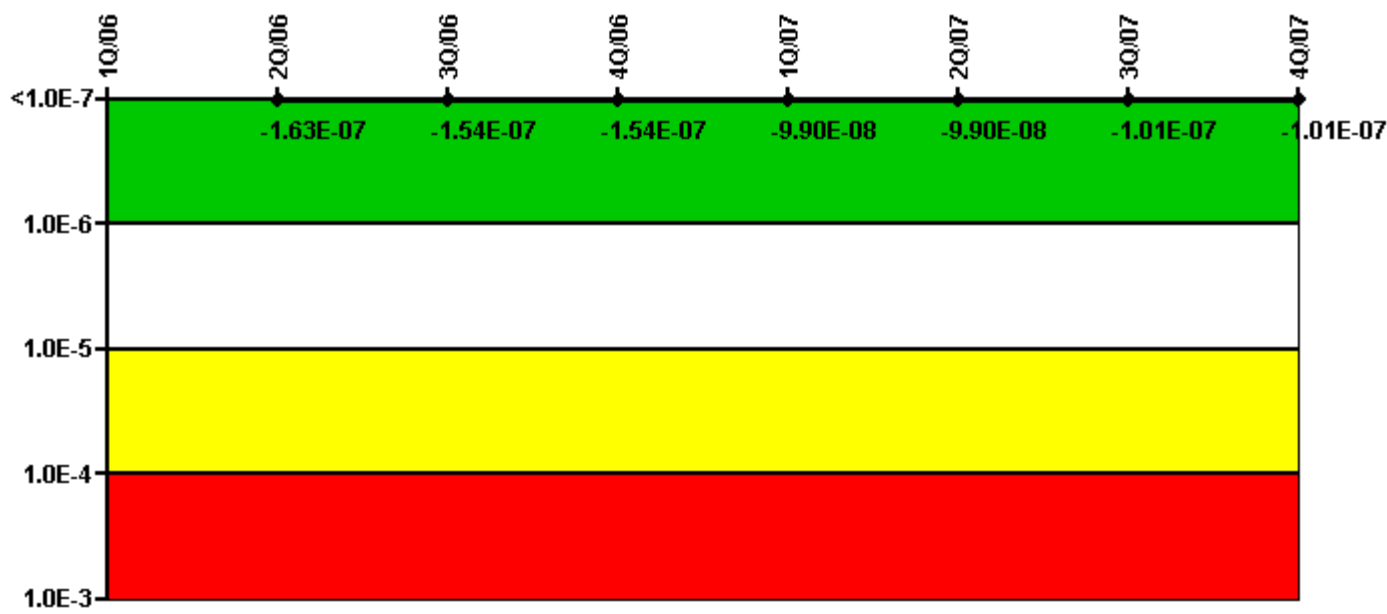
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI (ΔCDF)		5.10E-07	3.20E-07	3.00E-07	4.50E-07	4.00E-07	4.00E-07	3.60E-07
URI (ΔCDF)		-2.10E-06	-1.40E-06	-1.40E-06	-1.40E-06	-1.00E-06	-1.00E-06	-1.00E-06
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		-1.59E-06	-1.08E-06	-1.10E-06	-9.50E-07	-6.00E-07	-6.00E-07	-6.40E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



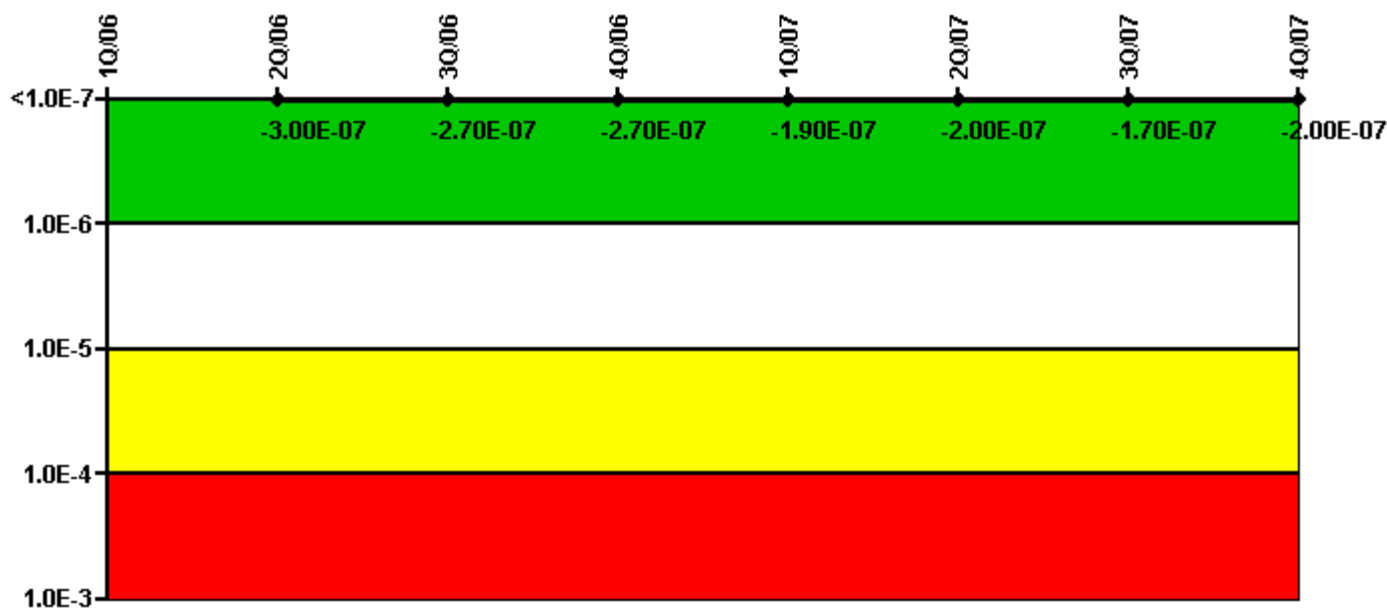
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI (ΔCDF)		-8.50E-08	-8.40E-08	-8.40E-08	-2.90E-08	-2.90E-08	-3.10E-08	-3.10E-08
URI (ΔCDF)		-7.80E-08	-7.00E-08	-7.00E-08	-7.00E-08	-7.00E-08	-7.00E-08	-7.00E-08
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		-1.63E-07	-1.54E-07	-1.54E-07	-9.90E-08	-9.90E-08	-1.01E-07	-1.01E-07

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



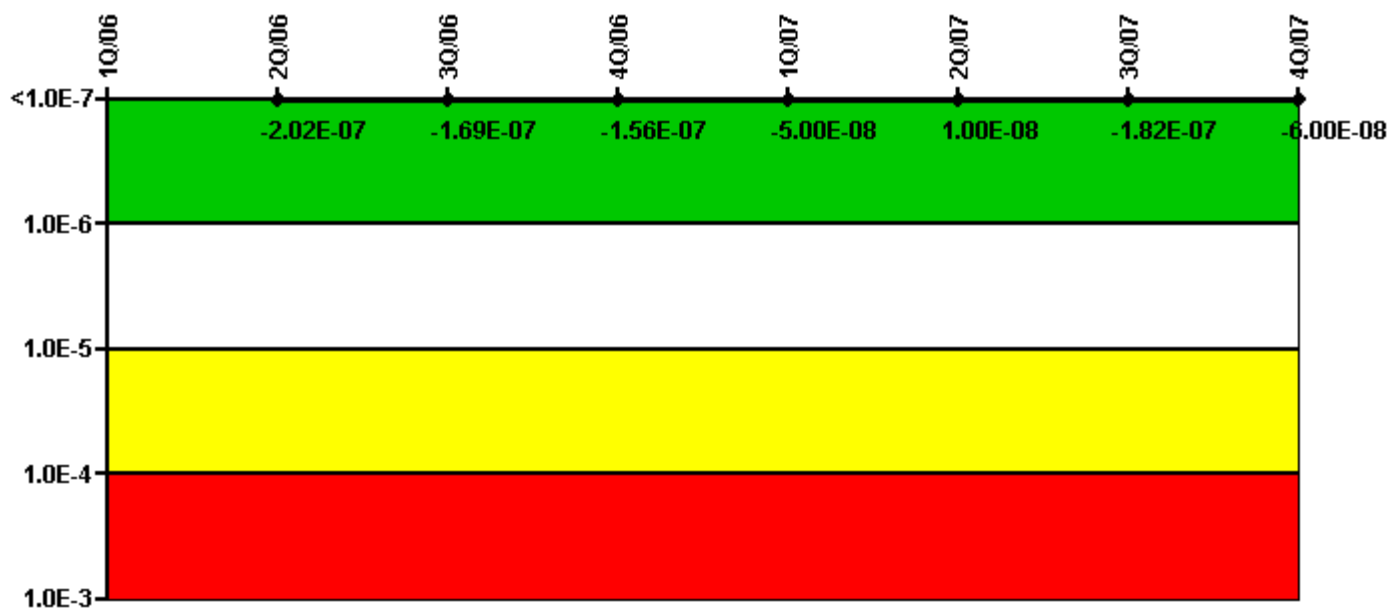
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI (ΔCDF)		3.60E-07	2.50E-07	2.50E-07	3.30E-07	3.20E-07	3.50E-07	3.20E-07
URI (ΔCDF)		-6.60E-07	-5.20E-07	-5.20E-07	-5.20E-07	-5.20E-07	-5.20E-07	-5.20E-07
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		-3.00E-07	-2.70E-07	-2.70E-07	-1.90E-07	-2.00E-07	-1.70E-07	-2.00E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



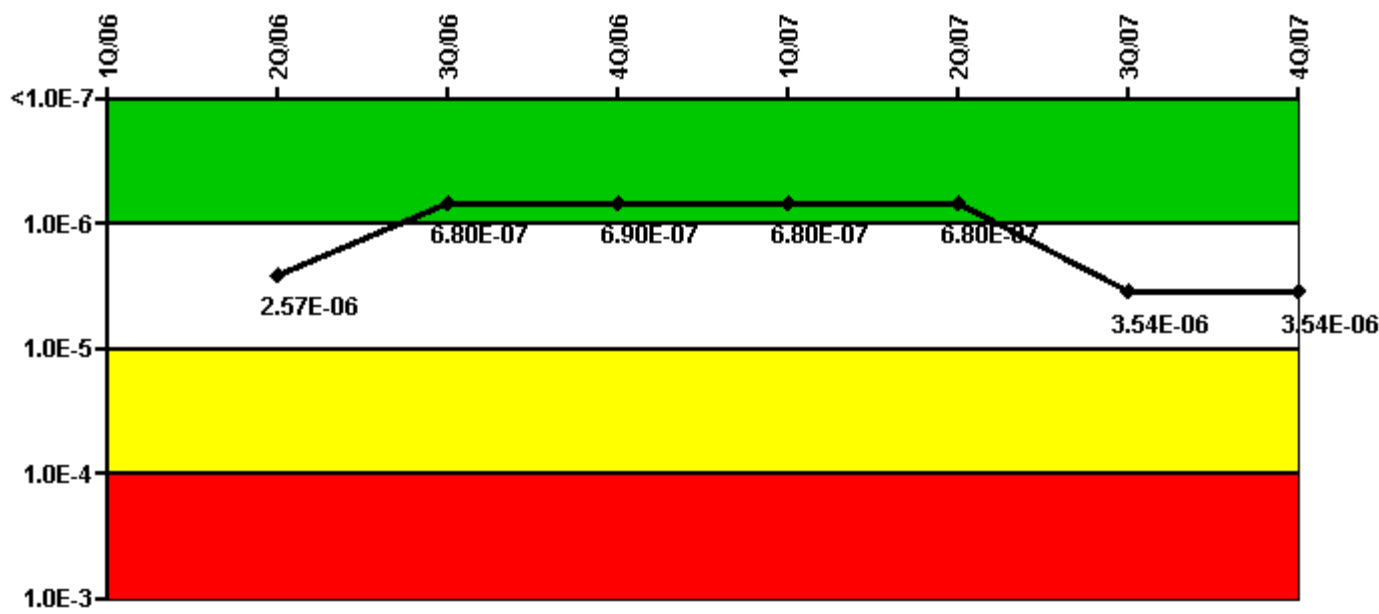
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI (ACDF)		9.80E-08	4.10E-08	5.40E-08	1.60E-07	2.20E-07	2.80E-08	1.50E-07
URI (ACDF)		-3.00E-07	-2.10E-07	-2.10E-07	-2.10E-07	-2.10E-07	-2.10E-07	-2.10E-07
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		-2.02E-07	-1.69E-07	-1.56E-07	-5.00E-08	1.00E-08	-1.82E-07	-6.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



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

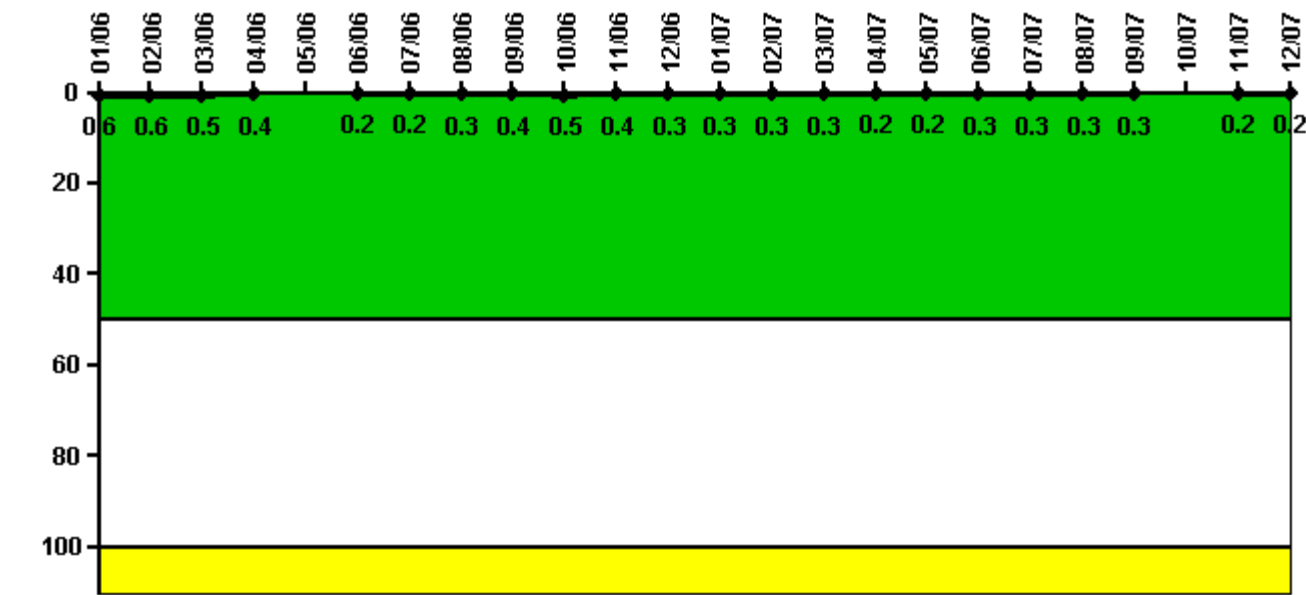
Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI (ΔCDF)		2.70E-07	2.50E-07	2.60E-07	2.50E-07	2.50E-07	3.40E-07	3.40E-07
URI (ΔCDF)		2.30E-06	4.30E-07	4.30E-07	4.30E-07	4.30E-07	3.20E-06	3.20E-06
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		2.57E-06	6.80E-07	6.90E-07	6.80E-07	6.80E-07	3.54E-06	3.54E-06

Licensee Comments:

4Q/07: Risk Cap Invoked.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

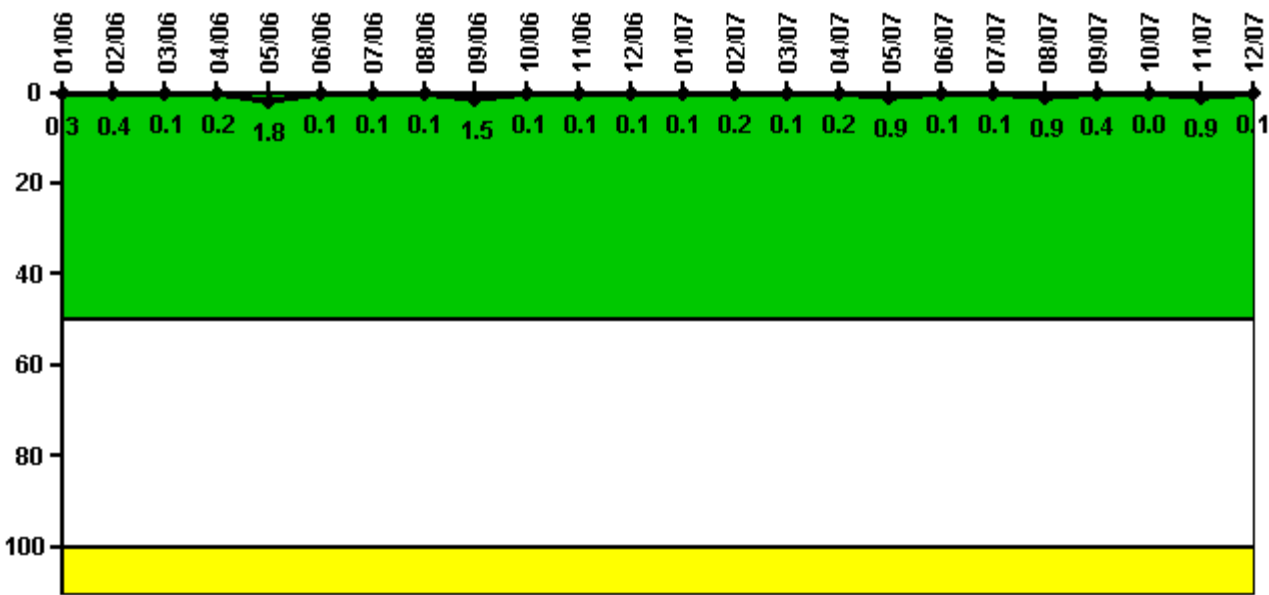
Notes

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	0.002925	0.002922	0.002318	0.002097	N/A	0.001010	0.001124	0.001524	0.001937	0.002433	0.001970	0.001331
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.6	0.6	0.5	0.4	N/A	0.2	0.2	0.3	0.4	0.5	0.4	0.3

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	0.001404	0.001526	0.001532	0.001129	0.001213	0.001417	0.001607	0.001486	0.001480	N/A	0.000917	0.001003
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.3	N/A	0.2	0.2

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

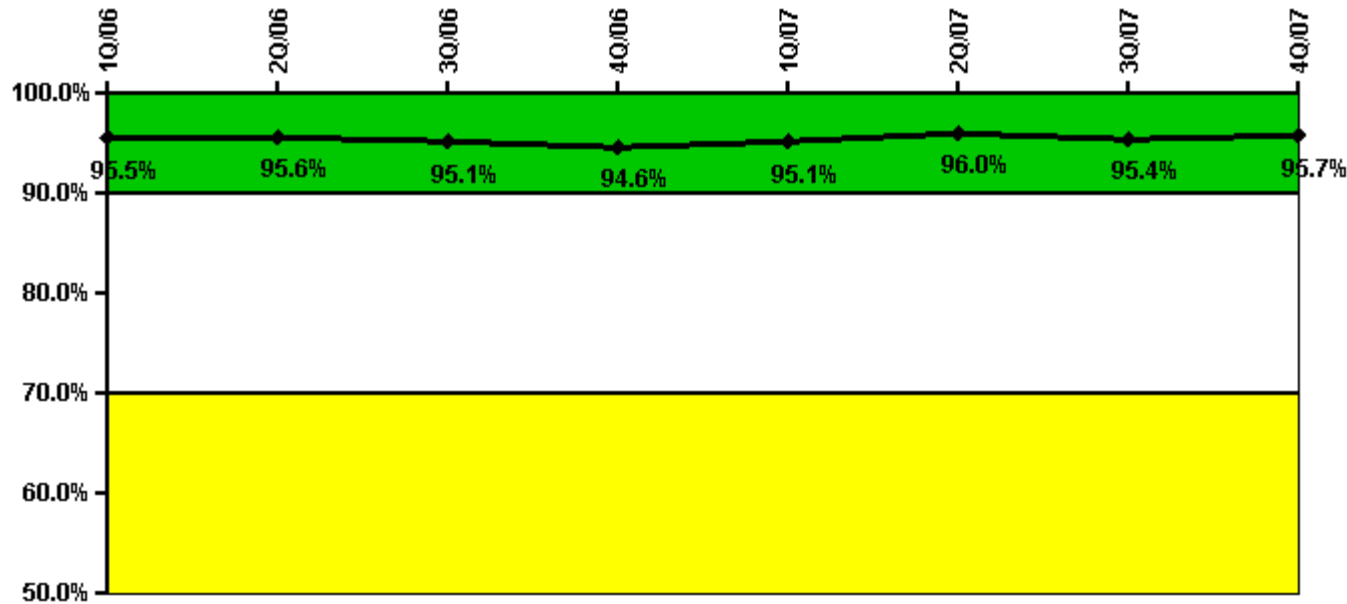
Notes

Reactor Coolant System Leakage	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06
Maximum leakage	0.030	0.040	0.010	0.020	0.180	0.010	0.010	0.010	0.150	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	0.3	0.4	0.1	0.2	1.8	0.1	0.1	0.1	1.5	0.1	0.1	0.1

Reactor Coolant System Leakage	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07
Maximum leakage	0.010	0.020	0.010	0.020	0.090	0.010	0.010	0.090	0.040	0	0.090	0.010
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.2	0.1	0.2	0.9	0.1	0.1	0.9	0.4	0	0.9	0.1

Licensee Comments: none

Drill/Exercise Performance



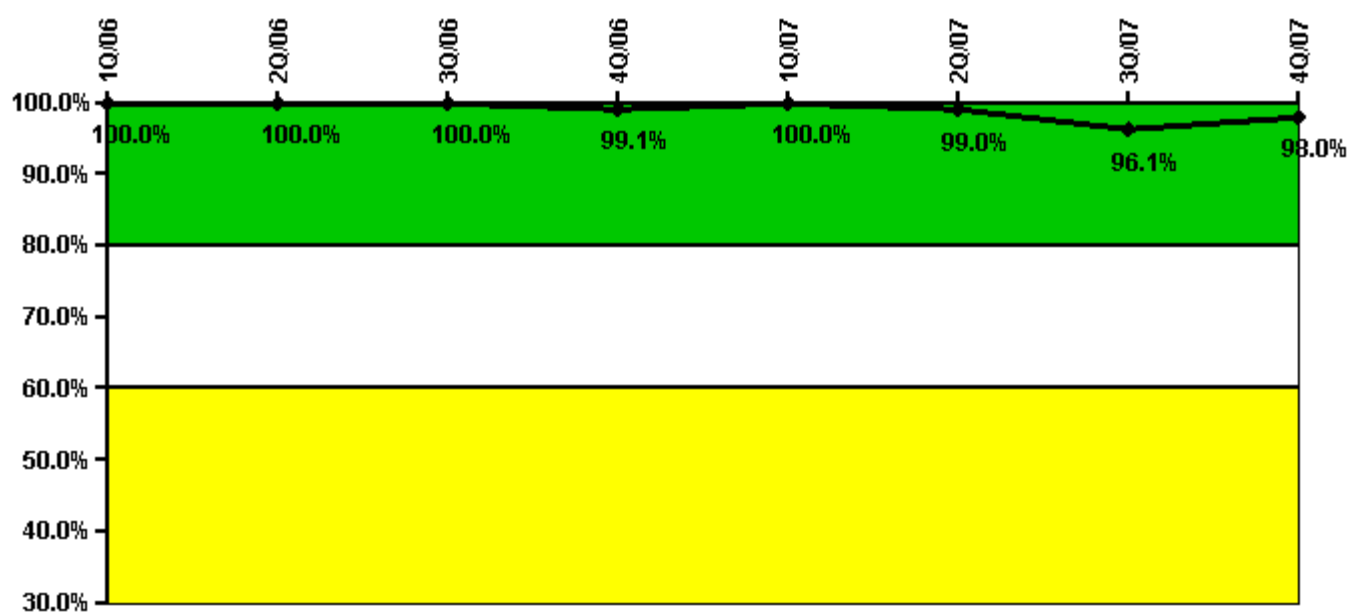
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Successful opportunities	0	6.0	65.0	46.0	28.0	8.0	12.0	14.0
Total opportunities	0	6.0	69.0	50.0	28.0	8.0	12.0	14.0
Indicator value	95.5%	95.6%	95.1%	94.6%	95.1%	96.0%	95.4%	95.7%

Licensee Comments: none

ERO Drill Participation



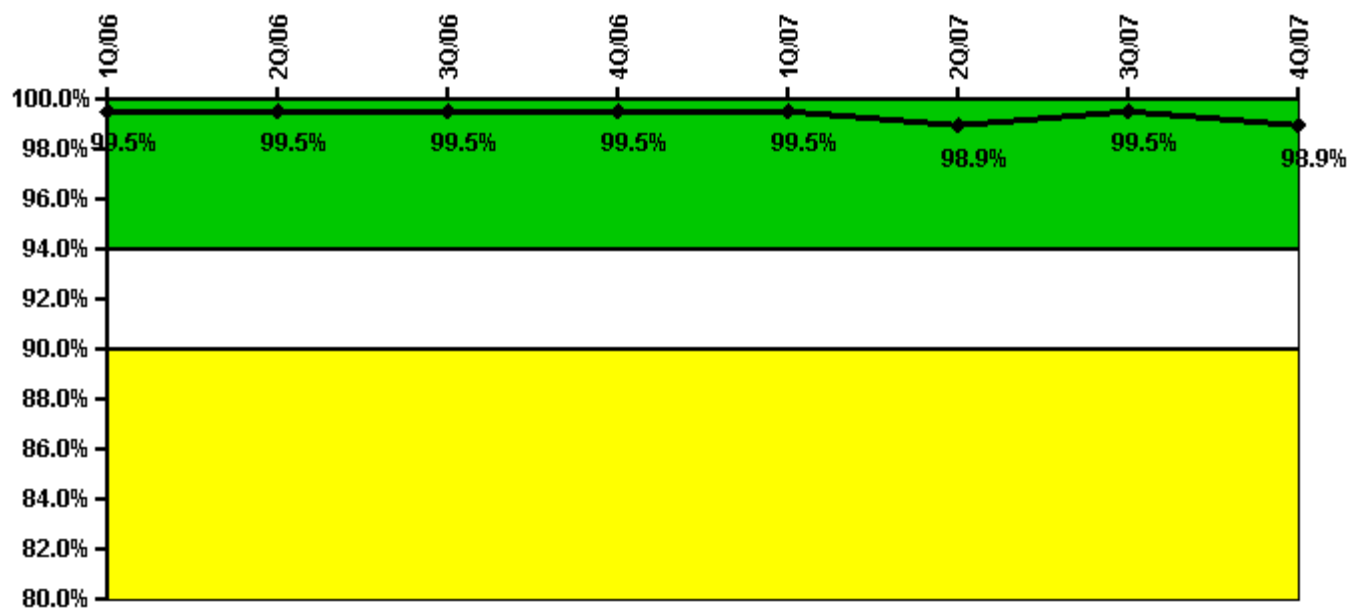
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Participating Key personnel	105.0	106.0	104.0	105.0	109.0	101.0	99.0	100.0
Total Key personnel	105.0	106.0	104.0	106.0	109.0	102.0	103.0	102.0
Indicator value	100.0%	100.0%	100.0%	99.1%	100.0%	99.0%	96.1%	98.0%

Licensee Comments: none

Alert & Notification System



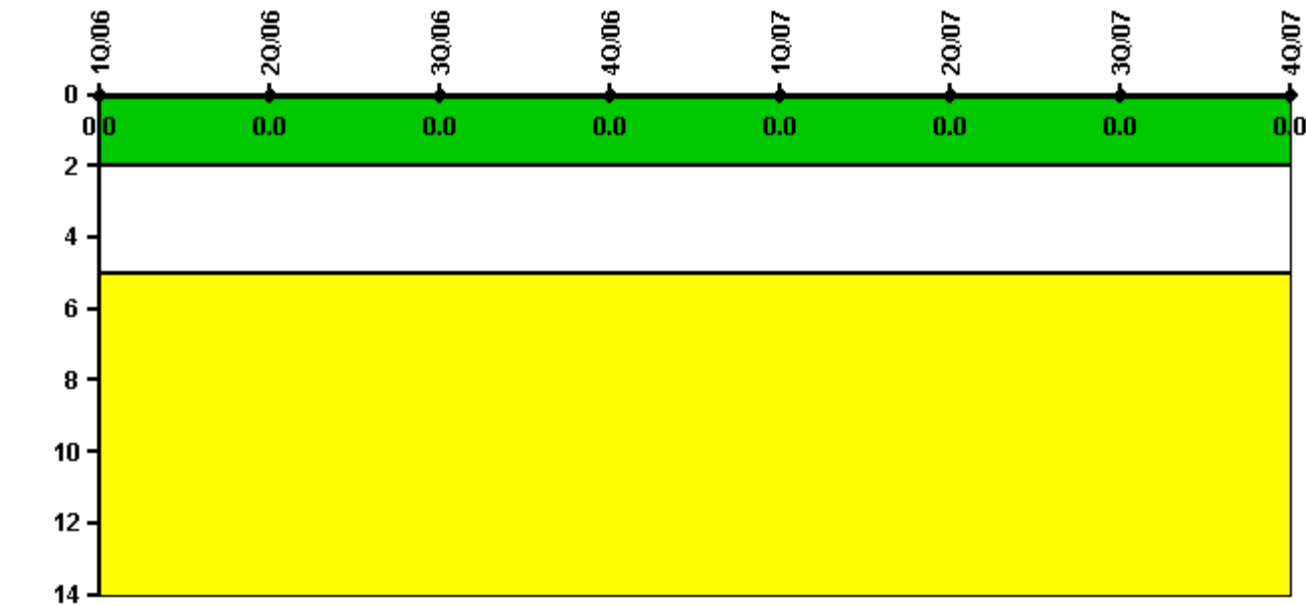
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Successful siren-tests	48	48	44	48	48	47	45	47
Total sirens-tests	48	48	45	48	48	48	45	48
Indicator value	99.5%	99.5%	99.5%	99.5%	99.5%	98.9%	99.5%	98.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



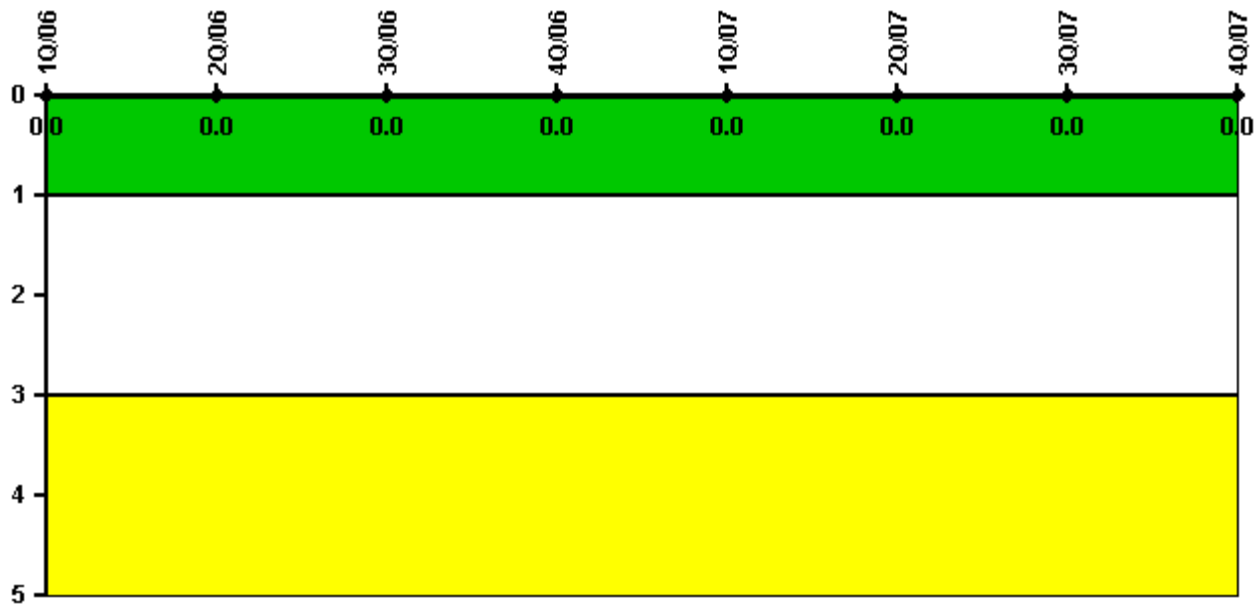
Thresholds: White > 2.0 Yellow > 5.0

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](#)

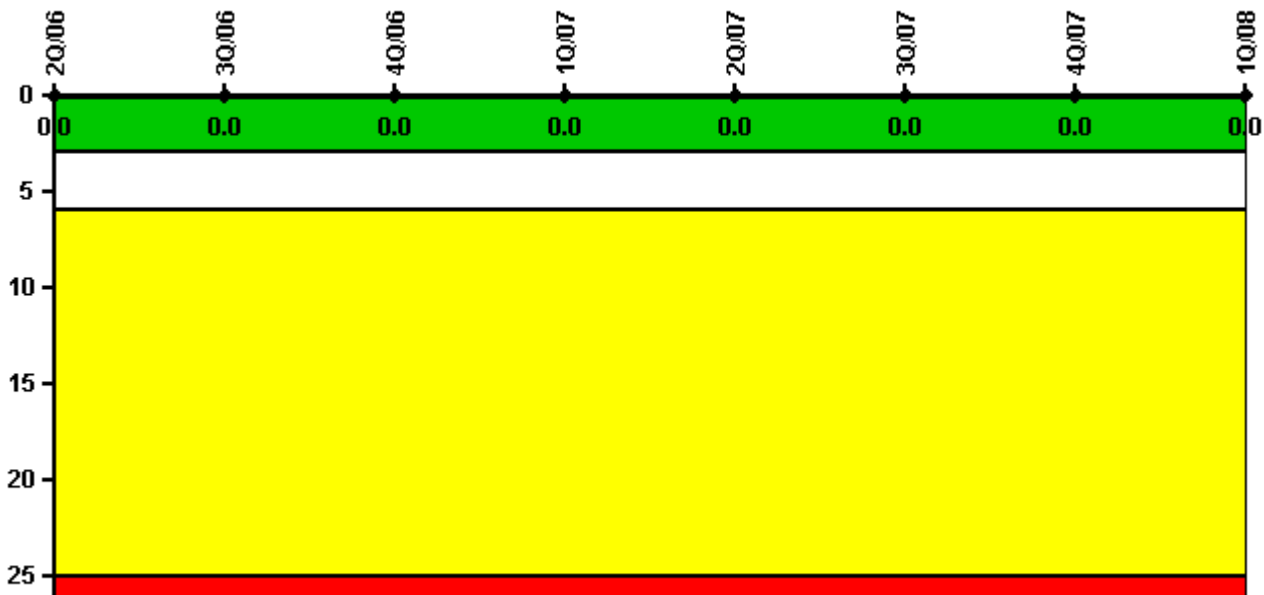
Last Modified: February 4, 2008

Farley 1

1Q/2008 Performance Indicators

Licensee's General Comments: 1B RHR demand failure added due to MSPI applicability to the breaker failure not being recognized at the time of occurrence. Change affects 4th quarter 2007 data. Indicator color unaffected.

Unplanned Scrams per 7000 Critical Hrs



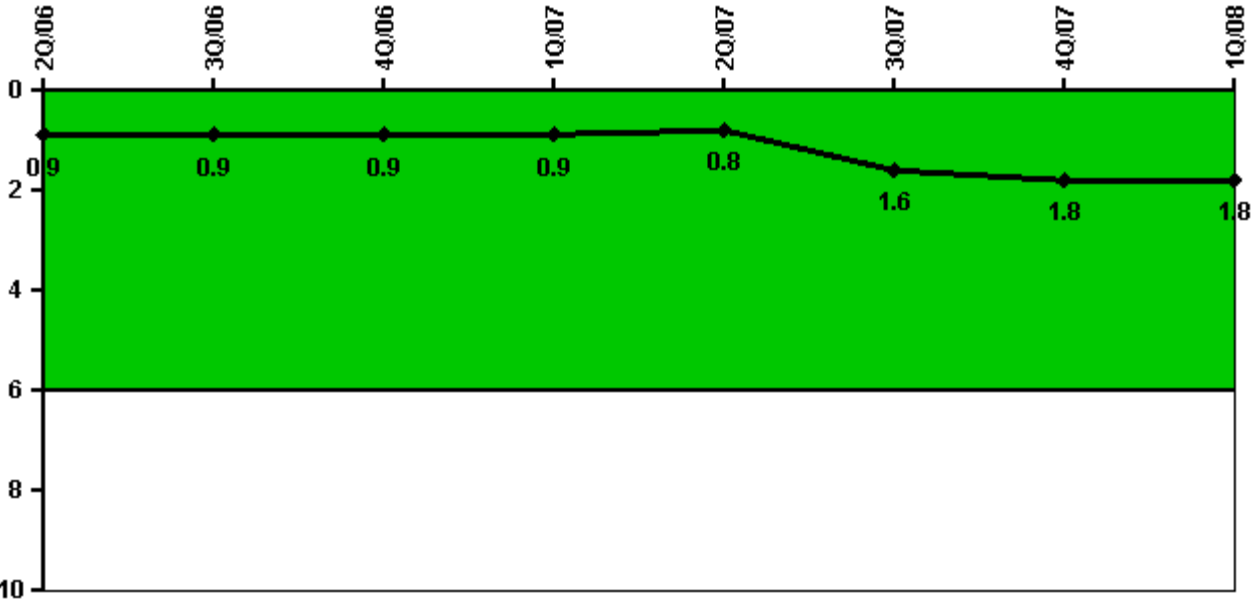
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	1085.0	2183.7	2209.0	2159.0	2184.0	2160.5	1185.6	2183.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



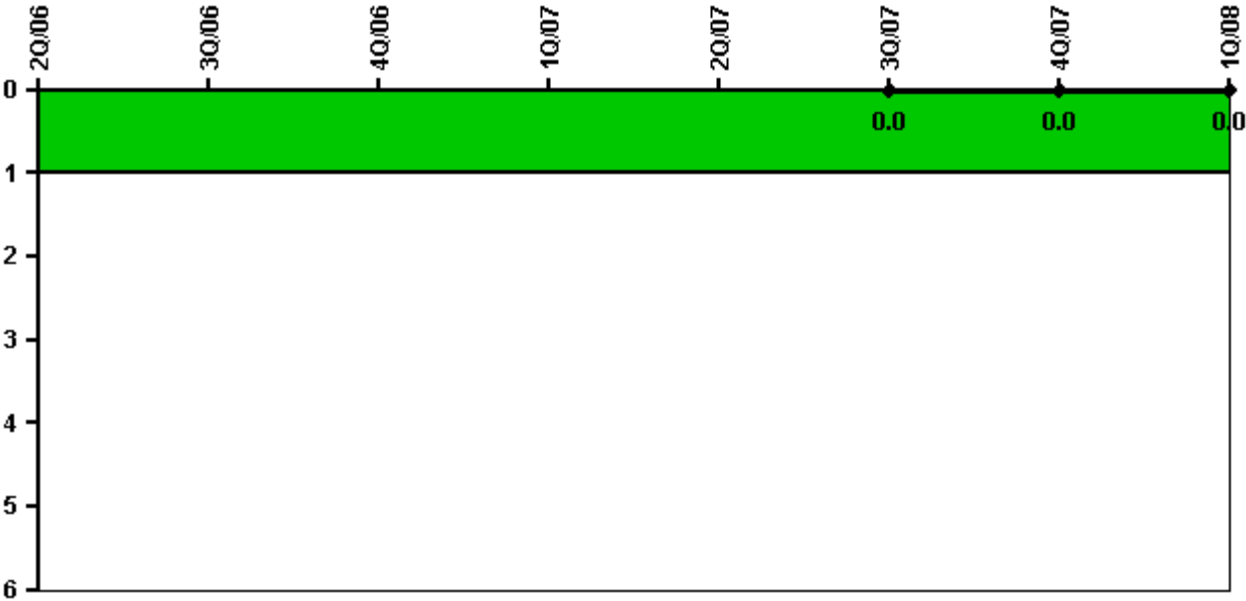
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Unplanned power changes	1.0	0	0	0	1.0	1.0	0	0
Critical hours	1085.0	2183.7	2209.0	2159.0	2184.0	2160.5	1185.6	2183.0
Indicator value	0.9	0.9	0.9	0.9	0.8	1.6	1.8	1.8

Licensee Comments: none

Unplanned Scrams with Complications



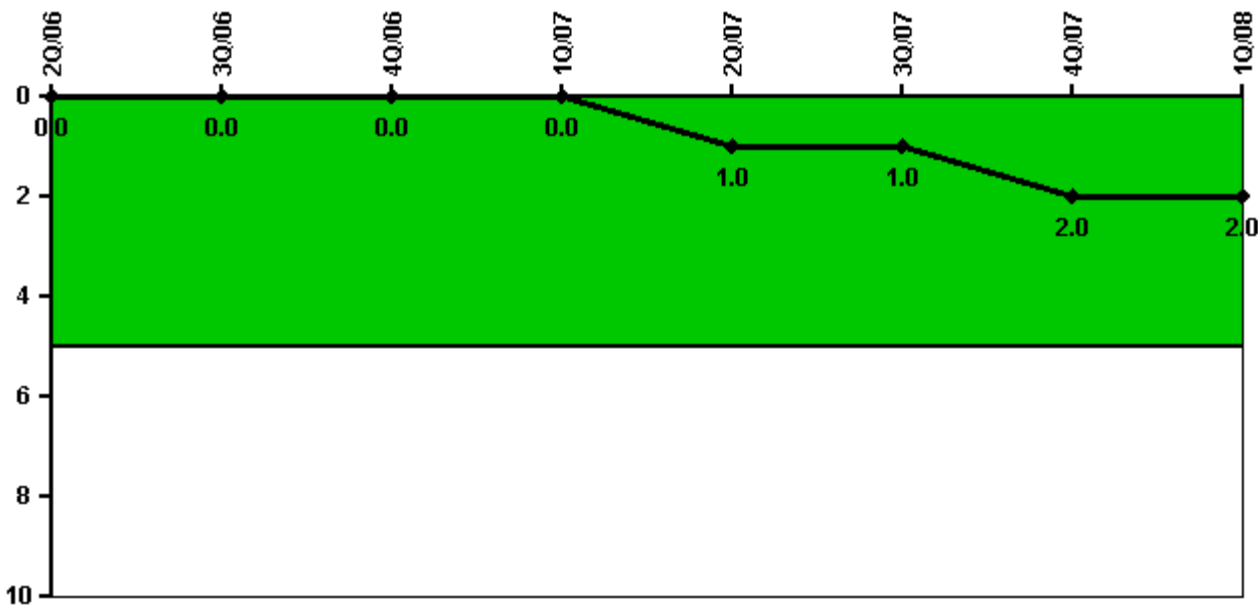
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/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)



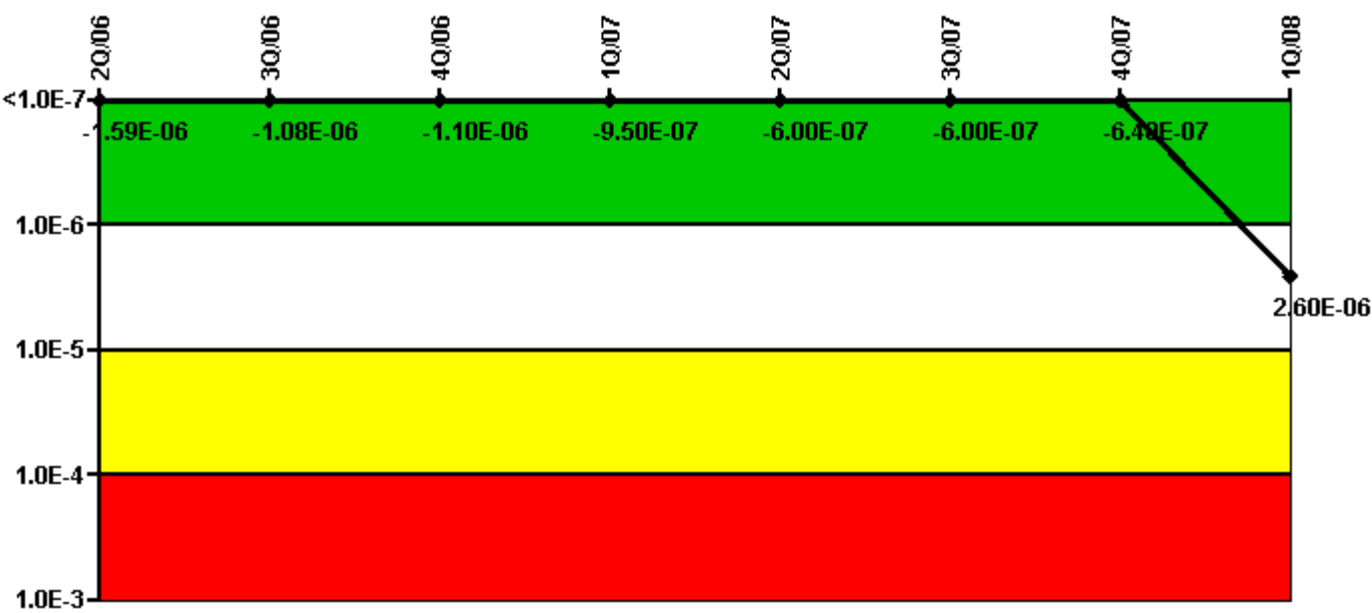
Thresholds: White > 5.0

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	1	0	1	0
Indicator value	0	0	0	0	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

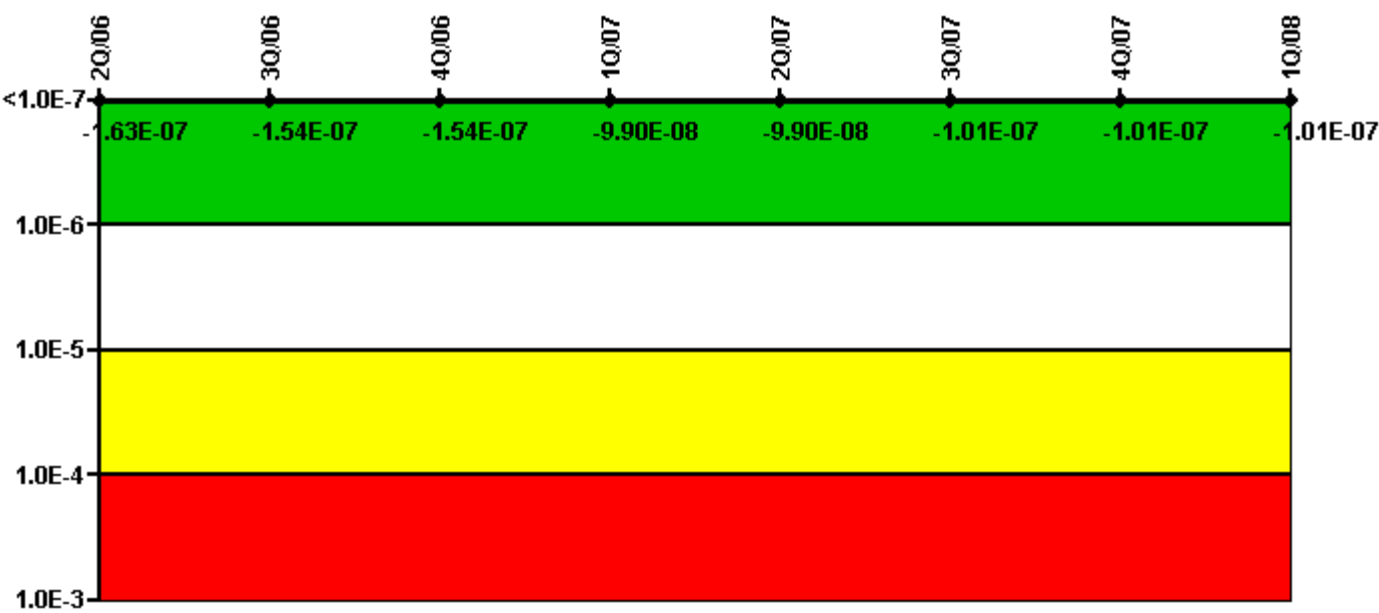
Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (ΔCDF)	5.10E-07	3.20E-07	3.00E-07	4.50E-07	4.00E-07	4.00E-07	3.60E-07	8.00E-07
URI (ΔCDF)	-2.10E-06	-1.40E-06	-1.40E-06	-1.40E-06	-1.00E-06	-1.00E-06	-1.00E-06	1.80E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.59E-06	-1.08E-06	-1.10E-06	-9.50E-07	-6.00E-07	-6.00E-07	-6.40E-07	2.60E-06

Licensee Comments:

1Q/08: Risk Cap Invoked. White threshold exceeded due to two 1B EDG run failures from different causes. FAQ on clarification of failure definition is pending.

Mitigating Systems Performance Index, High Pressure Injection System



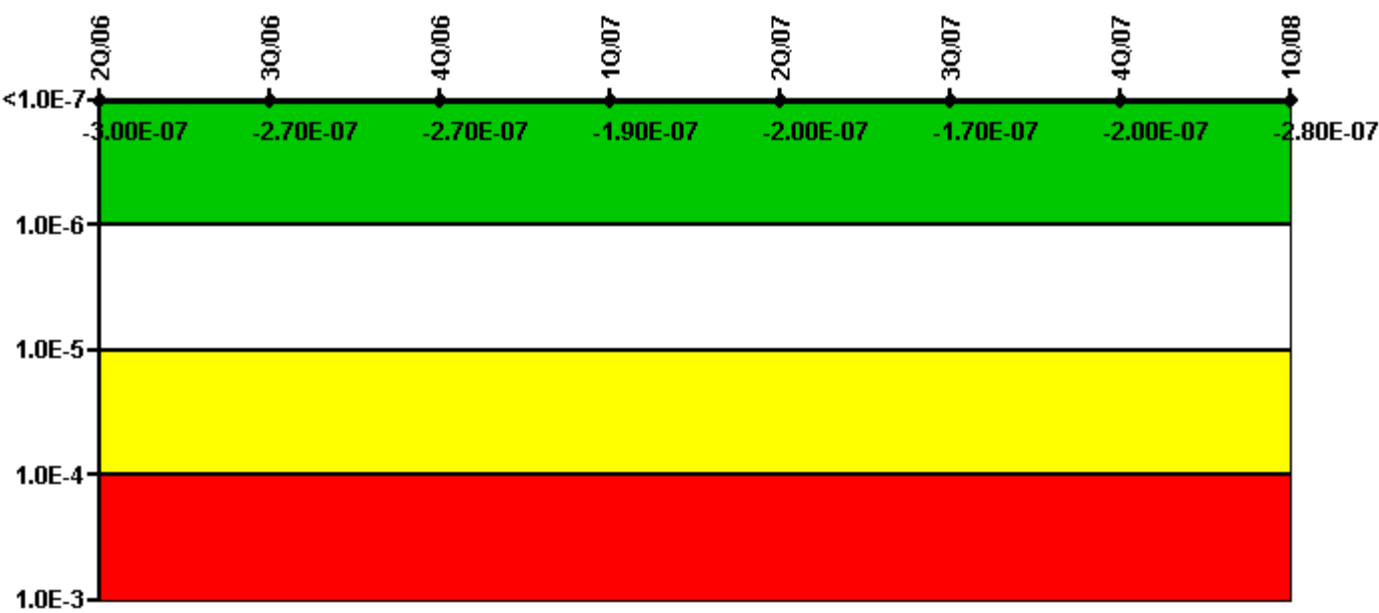
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (ΔCDF)	-8.50E-08	-8.40E-08	-8.40E-08	-2.90E-08	-2.90E-08	-3.10E-08	-3.10E-08	-3.10E-08
URI (ΔCDF)	-7.80E-08	-7.00E-08	-7.00E-08	-7.00E-08	-7.00E-08	-7.00E-08	-7.00E-08	-7.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.63E-07	-1.54E-07	-1.54E-07	-9.90E-08	-9.90E-08	-1.01E-07	-1.01E-07	-1.01E-07

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



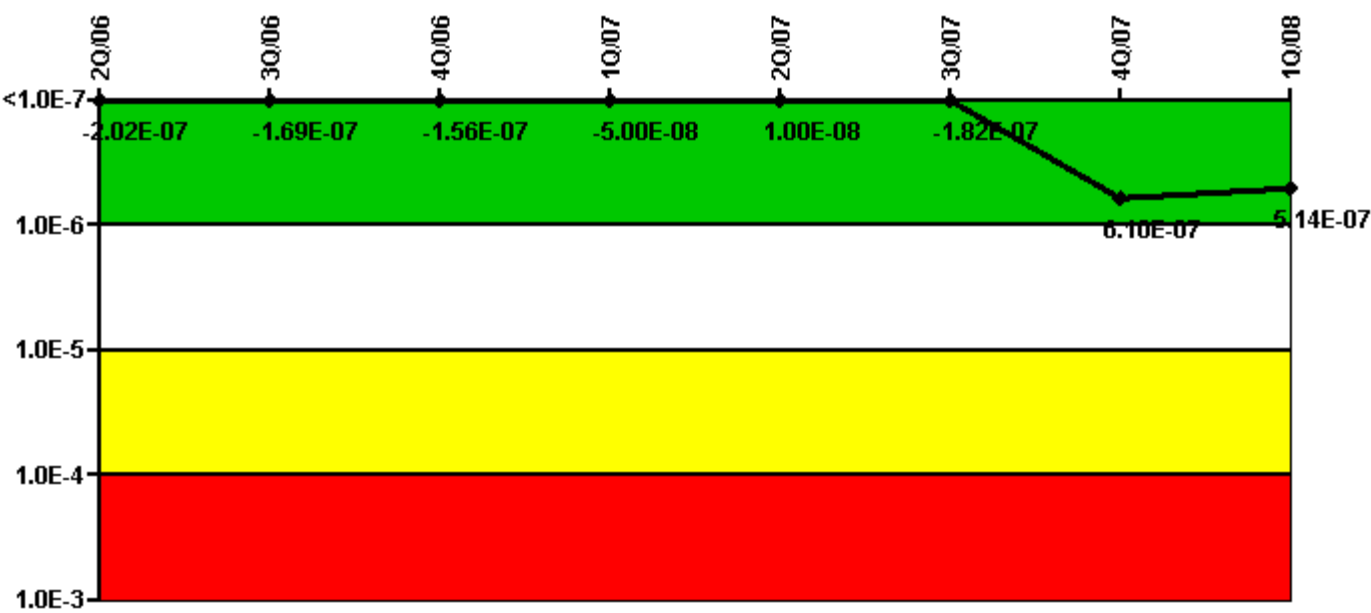
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (ΔCDF)	3.60E-07	2.50E-07	2.50E-07	3.30E-07	3.20E-07	3.50E-07	3.20E-07	2.40E-07
URI (ΔCDF)	-6.60E-07	-5.20E-07	-5.20E-07	-5.20E-07	-5.20E-07	-5.20E-07	-5.20E-07	-5.20E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.00E-07	-2.70E-07	-2.70E-07	-1.90E-07	-2.00E-07	-1.70E-07	-2.00E-07	-2.80E-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

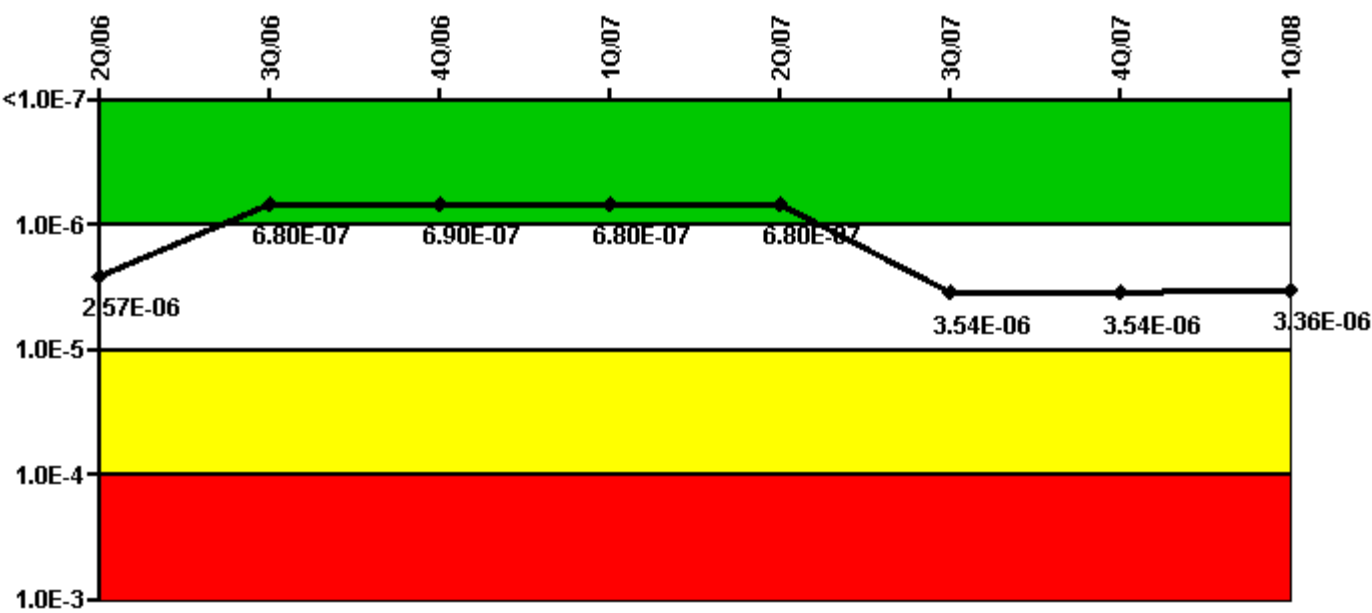
Notes

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 (ΔCDF)	9.80E-08	4.10E-08	5.40E-08	1.60E-07	2.20E-07	2.80E-08	1.50E-07	5.40E-08
URI (ΔCDF)	-3.00E-07	-2.10E-07	-2.10E-07	-2.10E-07	-2.10E-07	-2.10E-07	4.60E-07	4.60E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.02E-07	-1.69E-07	-1.56E-07	-5.00E-08	1.00E-08	-1.82E-07	6.10E-07	5.14E-07

Licensee Comments:

1Q/08: 1B RHR demand failure added due to MSPI applicability to the breaker failure not being recognized at the time of occurrence. Change affects 4th quarter 2007 data. Indicator color unaffected.

Mitigating Systems Performance Index, Cooling Water Systems



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

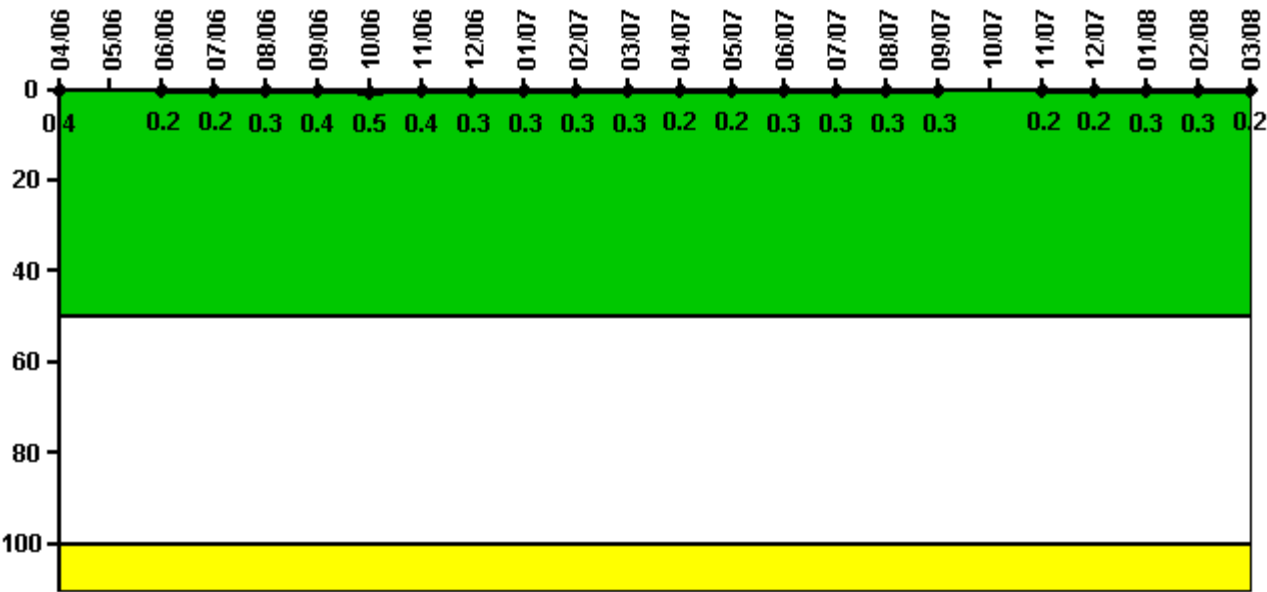
Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (ΔCDF)	2.70E-07	2.50E-07	2.60E-07	2.50E-07	2.50E-07	3.40E-07	3.40E-07	3.60E-07
URI (ΔCDF)	2.30E-06	4.30E-07	4.30E-07	4.30E-07	4.30E-07	3.20E-06	3.20E-06	3.00E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.57E-06	6.80E-07	6.90E-07	6.80E-07	6.80E-07	3.54E-06	3.54E-06	3.36E-06

Licensee Comments:

1Q/08: Risk Cap Invoked.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

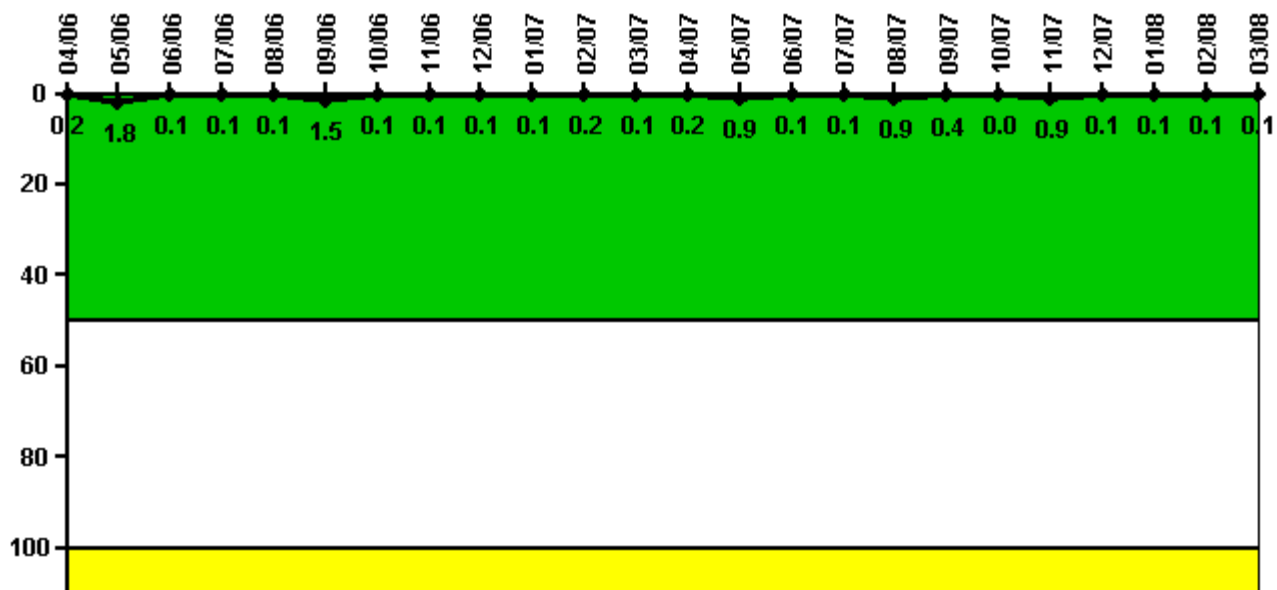
Notes

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	0.002097	N/A	0.001010	0.001124	0.001524	0.001937	0.002433	0.001970	0.001331	0.001404	0.001526	0.001532
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.4	N/A	0.2	0.2	0.3	0.4	0.5	0.4	0.3	0.3	0.3	0.3

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	0.001129	0.001213	0.001417	0.001607	0.001486	0.001480	N/A	0.000917	0.001003	0.001271	0.001684	0.001040
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.2	0.2	0.3	0.3	0.3	0.3	N/A	0.2	0.2	0.3	0.3	0.2

Licensee Comments: none

Reactor Coolant System Leakage



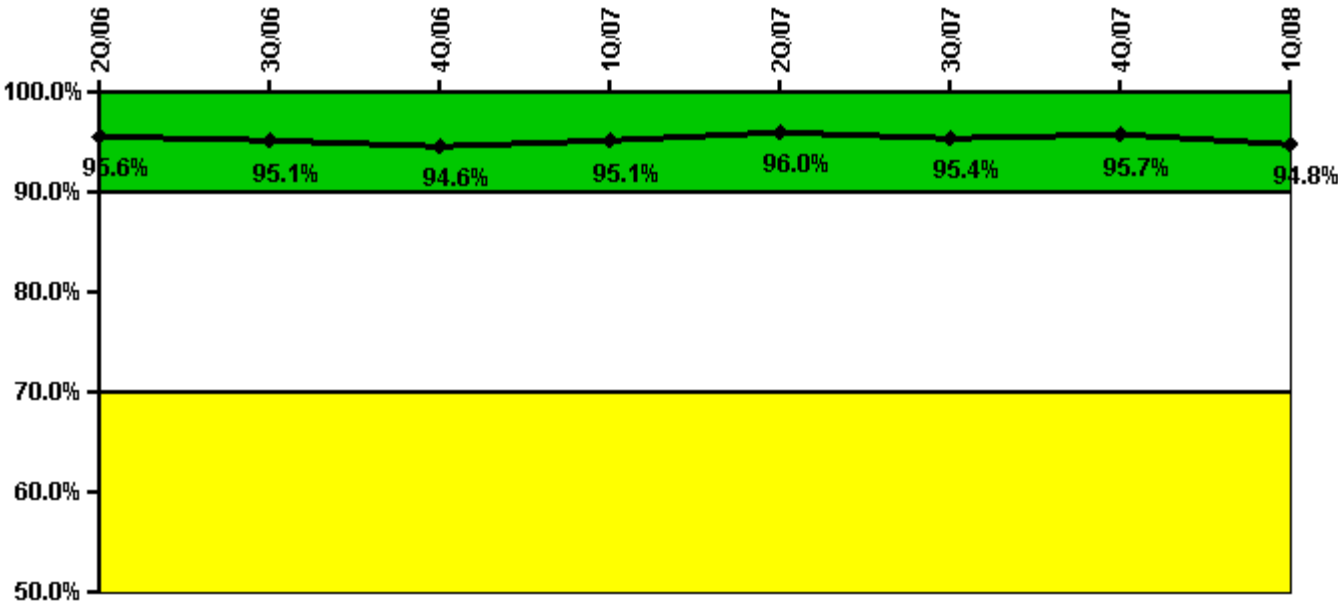
Thresholds: White > 50.0 Yellow > 100.0

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	0.020	0.180	0.010	0.010	0.010	0.150	0.010	0.010	0.010	0.010	0.020	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	0.2	1.8	0.1	0.1	0.1	1.5	0.1	0.1	0.1	0.1	0.2	0.1
Reactor Coolant System Leakage	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08
Maximum leakage	0.020	0.090	0.010	0.010	0.090	0.040	0	0.090	0.010	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	0.2	0.9	0.1	0.1	0.9	0.4	0	0.9	0.1	0.1	0.1	0.1

Licensee Comments: none

Drill/Exercise Performance



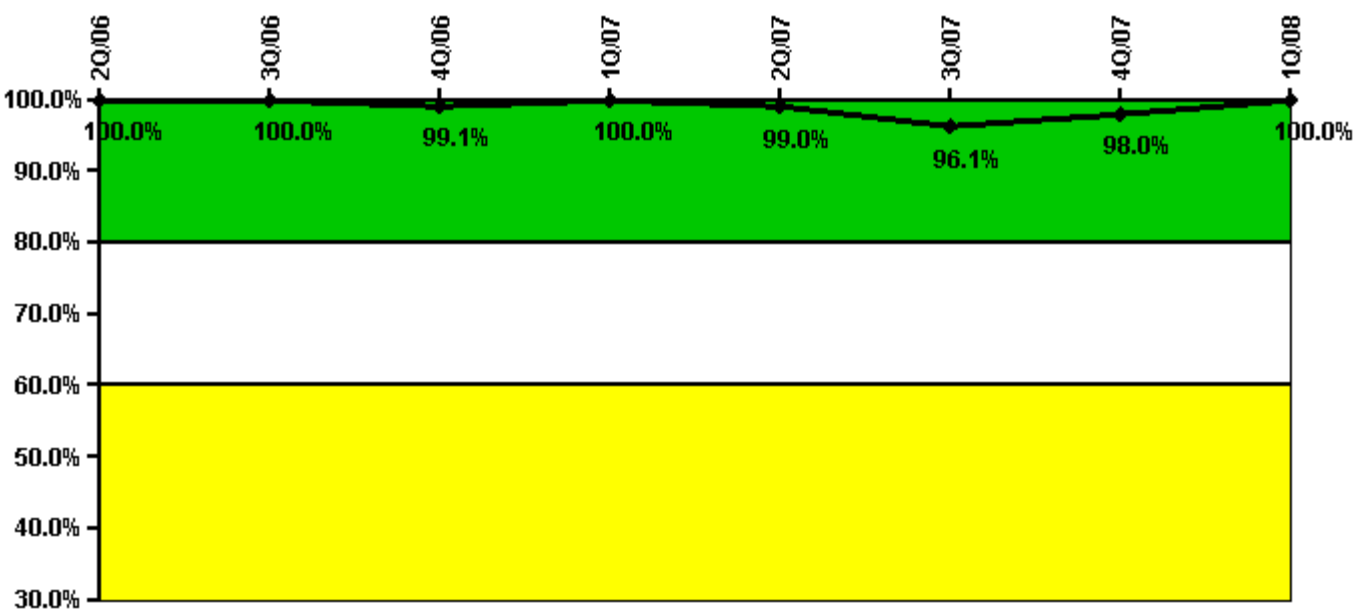
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Successful opportunities	6.0	65.0	46.0	28.0	8.0	12.0	14.0	57.0
Total opportunities	6.0	69.0	50.0	28.0	8.0	12.0	14.0	62.0
Indicator value	95.6%	95.1%	94.6%	95.1%	96.0%	95.4%	95.7%	94.8%

Licensee Comments: none

ERO Drill Participation



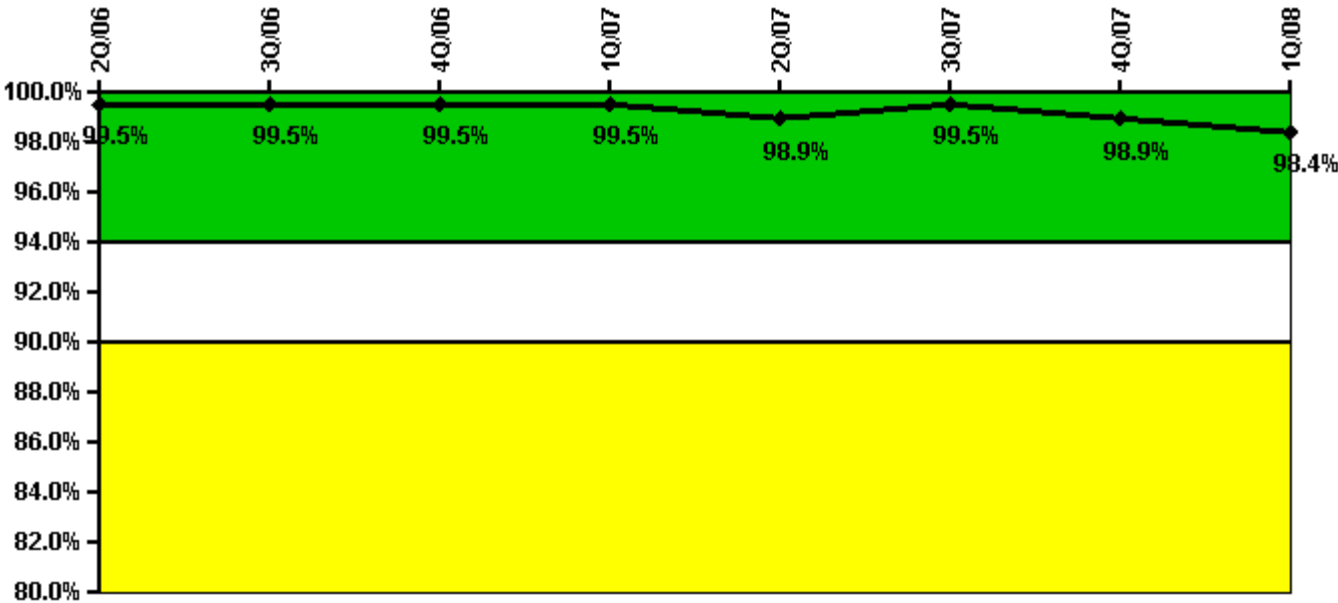
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Participating Key personnel	106.0	104.0	105.0	109.0	101.0	99.0	100.0	103.0
Total Key personnel	106.0	104.0	106.0	109.0	102.0	103.0	102.0	103.0
Indicator value	100.0%	100.0%	99.1%	100.0%	99.0%	96.1%	98.0%	100.0%

Licensee Comments: none

Alert & Notification System



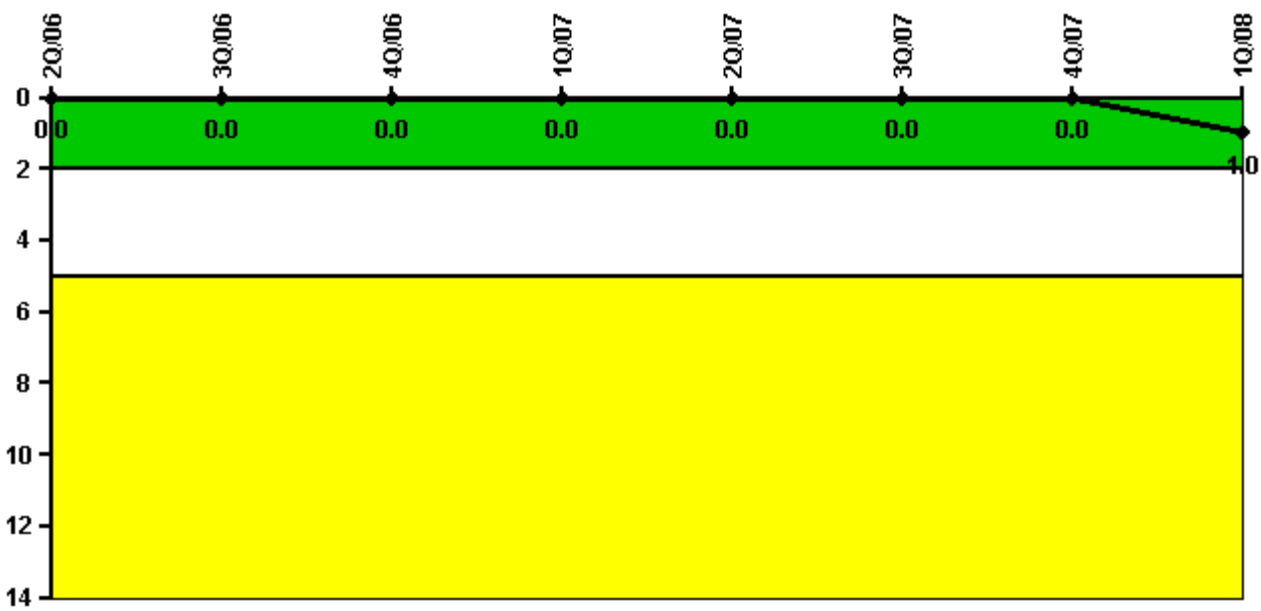
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Successful siren-tests	48	44	48	48	47	45	47	44
Total sirens-tests	48	45	48	48	48	45	48	45
Indicator value	99.5%	99.5%	99.5%	99.5%	98.9%	99.5%	98.9%	98.4%

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](#)

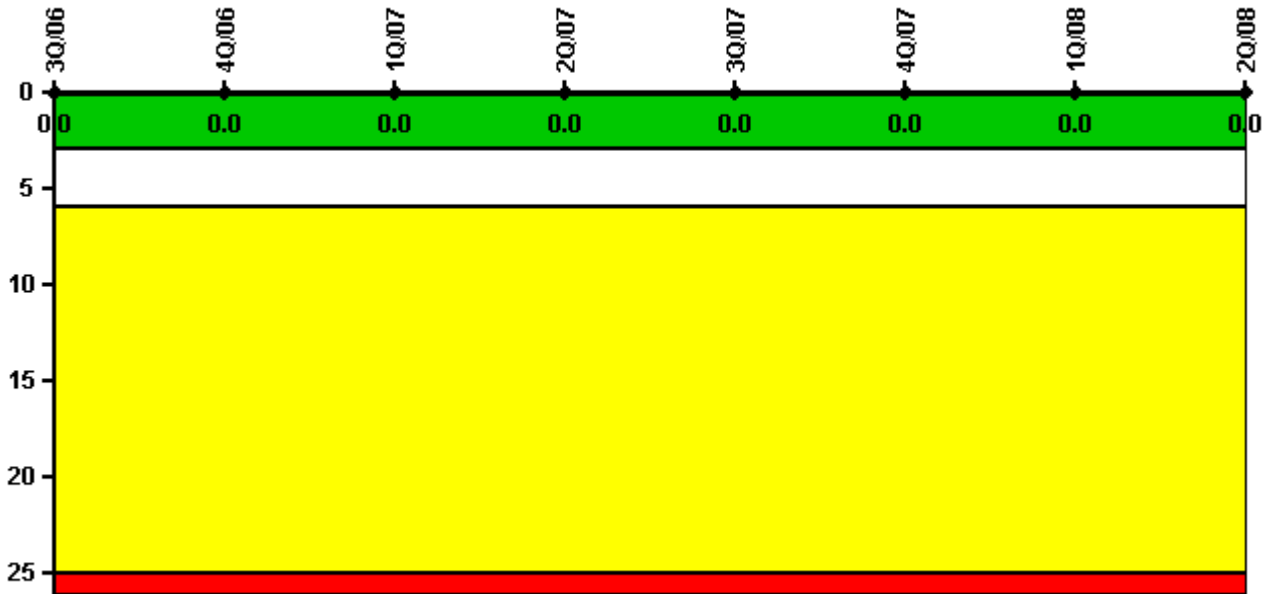
Last Modified: April 30, 2008

Farley 1

2Q/2008 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



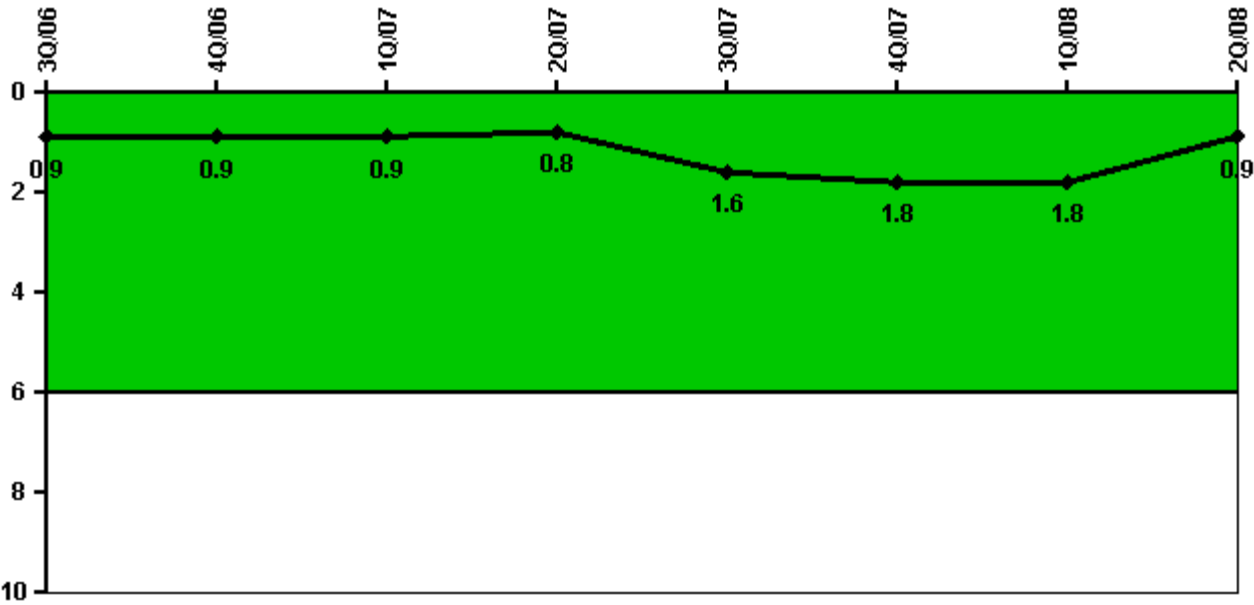
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2183.7	2209.0	2159.0	2184.0	2160.5	1185.6	2183.0	2184.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



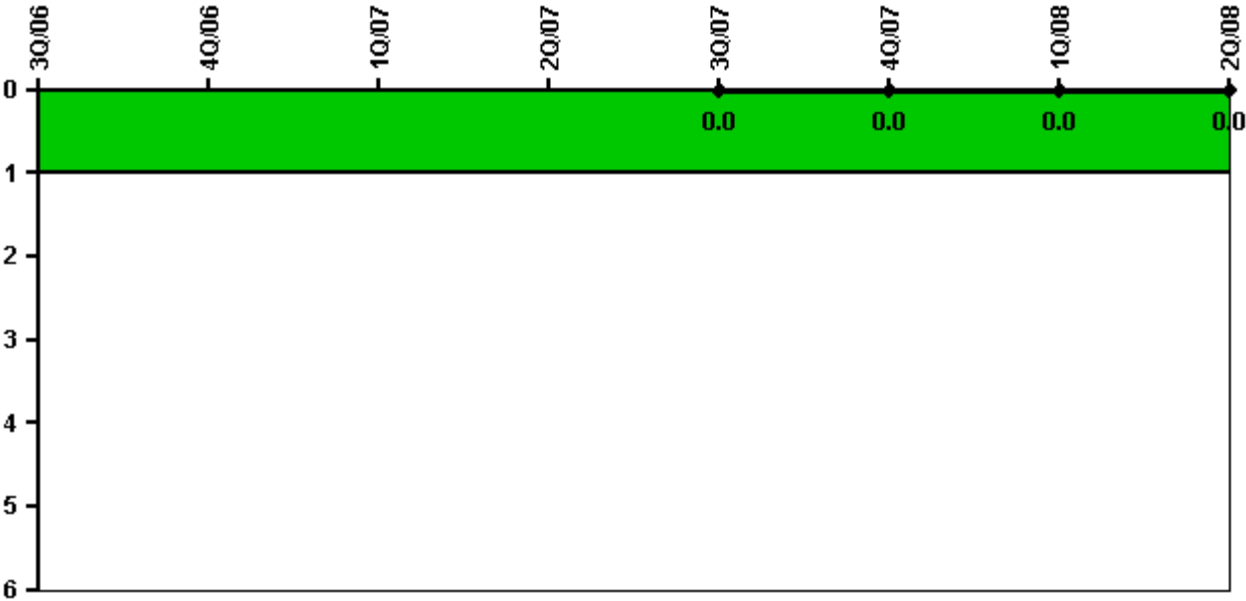
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Unplanned power changes	0	0	0	1.0	1.0	0	0	0
Critical hours	2183.7	2209.0	2159.0	2184.0	2160.5	1185.6	2183.0	2184.0
Indicator value	0.9	0.9	0.9	0.8	1.6	1.8	1.8	0.9

Licensee Comments: none

Unplanned Scrams with Complications



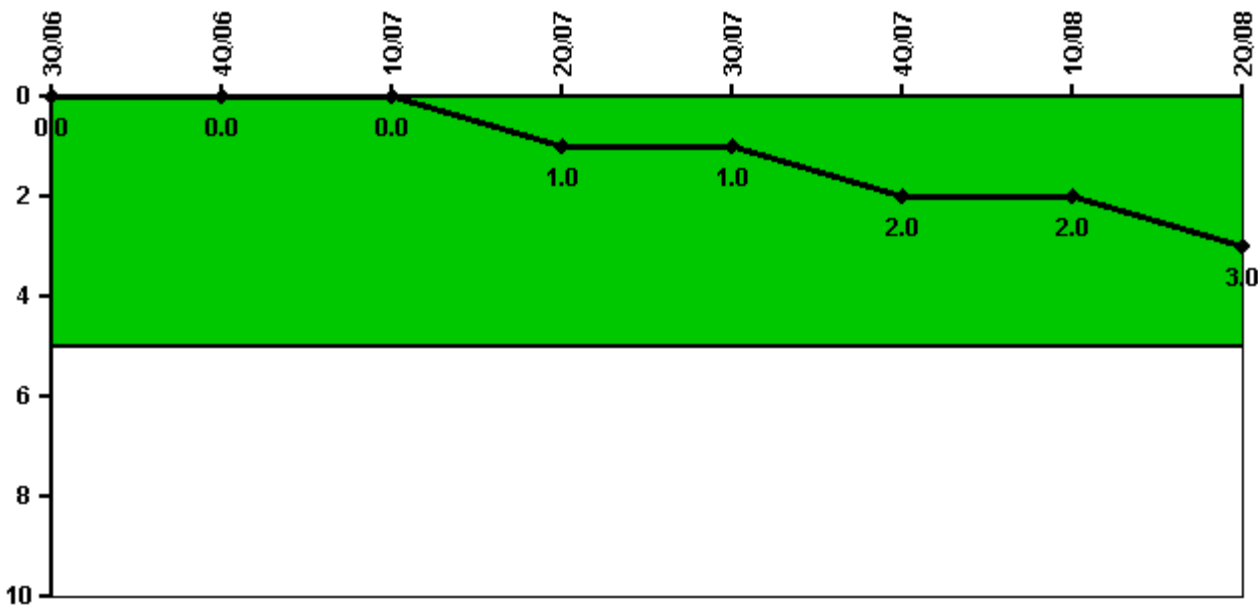
Thresholds: White > 1.0

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)



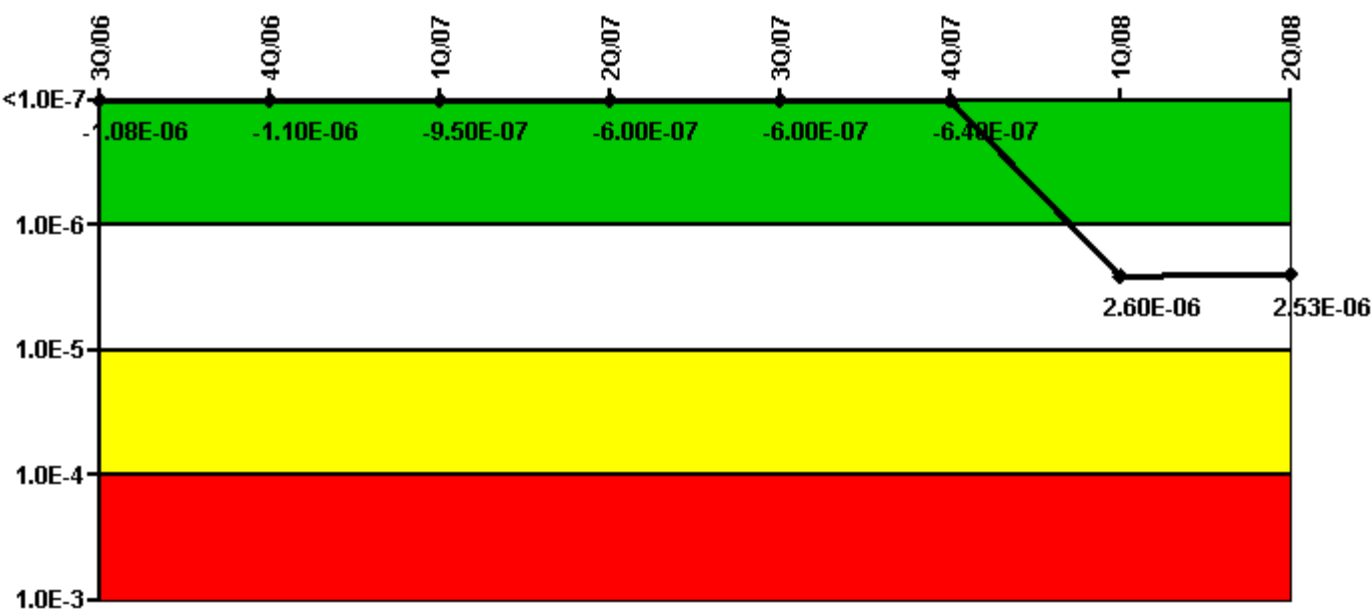
Thresholds: White > 5.0

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	1	0	1	0	2
Indicator value	0	0	0	1	1	2	2	3

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



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

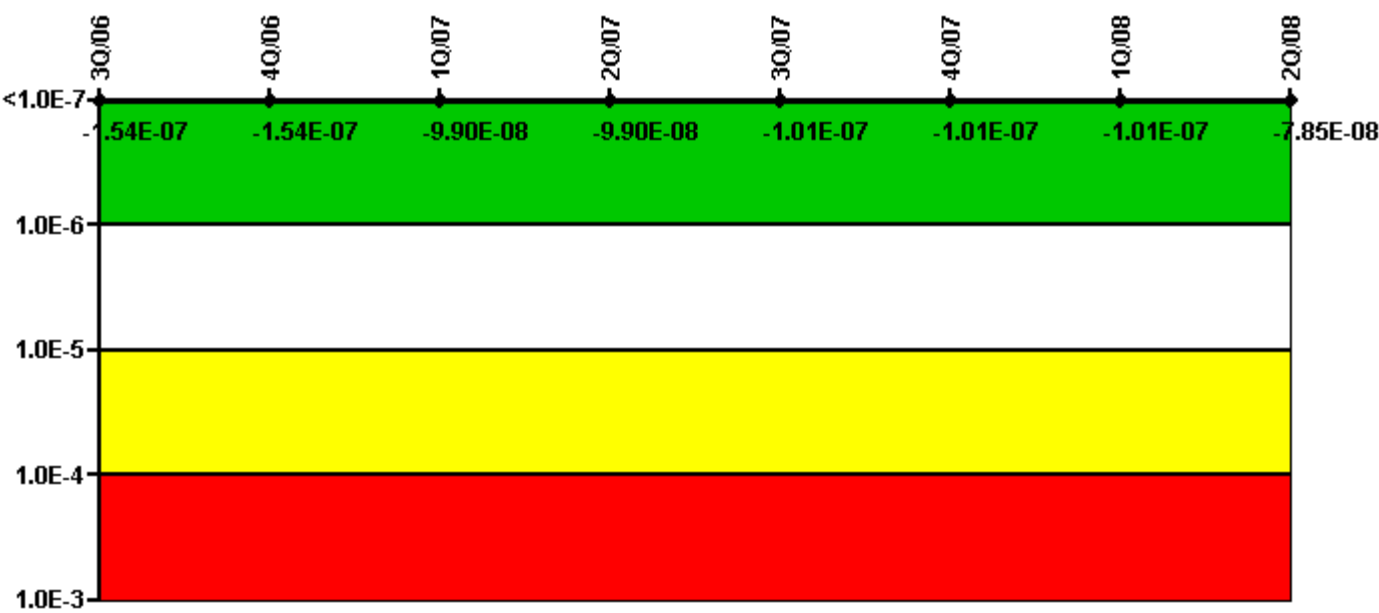
Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (ΔCDF)	3.20E-07	3.00E-07	4.50E-07	4.00E-07	4.00E-07	3.60E-07	8.00E-07	7.30E-07
URI (ΔCDF)	-1.40E-06	-1.40E-06	-1.40E-06	-1.00E-06	-1.00E-06	-1.00E-06	1.80E-06	1.80E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.08E-06	-1.10E-06	-9.50E-07	-6.00E-07	-6.00E-07	-6.40E-07	2.60E-06	2.53E-06

Licensee Comments:

2Q/08: Risk Cap Invoked.

Mitigating Systems Performance Index, High Pressure Injection System



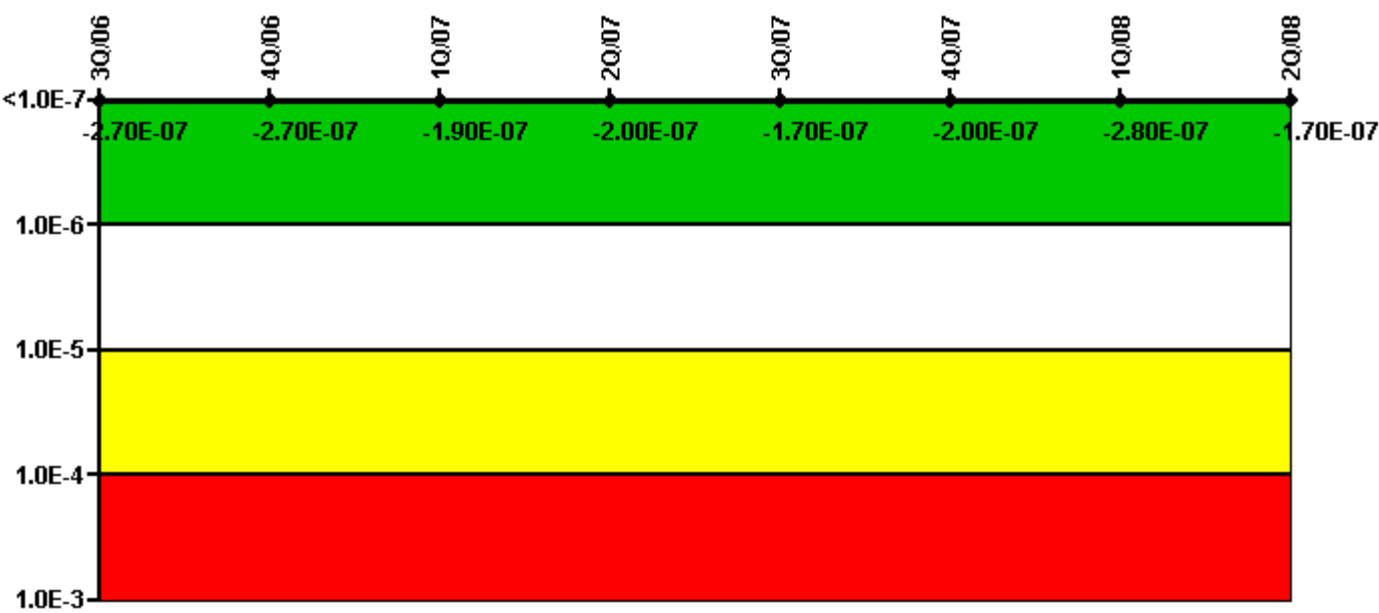
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (ΔCDF)	-8.40E-08	-8.40E-08	-2.90E-08	-2.90E-08	-3.10E-08	-3.10E-08	-3.10E-08	-8.50E-09
URI (ΔCDF)	-7.00E-08	-7.00E-08	-7.00E-08	-7.00E-08	-7.00E-08	-7.00E-08	-7.00E-08	-7.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.54E-07	-1.54E-07	-9.90E-08	-9.90E-08	-1.01E-07	-1.01E-07	-1.01E-07	-7.85E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



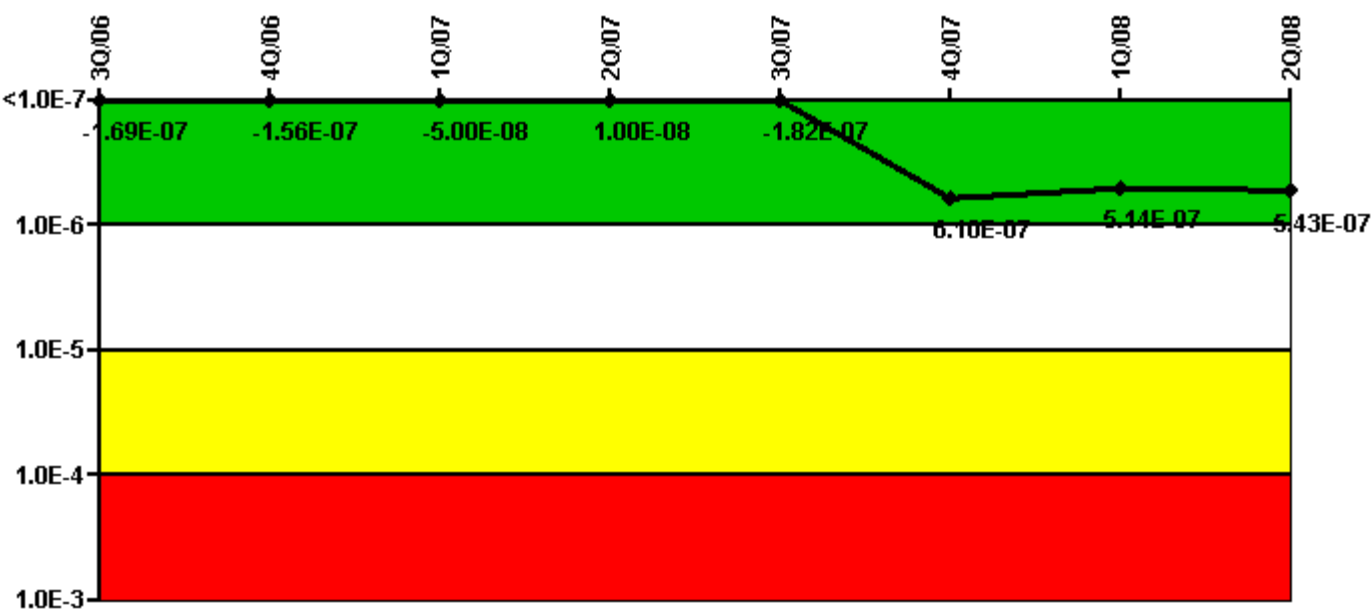
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (ΔCDF)	2.50E-07	2.50E-07	3.30E-07	3.20E-07	3.50E-07	3.20E-07	2.40E-07	3.50E-07
URI (ΔCDF)	-5.20E-07	-5.20E-07	-5.20E-07	-5.20E-07	-5.20E-07	-5.20E-07	-5.20E-07	-5.20E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.70E-07	-2.70E-07	-1.90E-07	-2.00E-07	-1.70E-07	-2.00E-07	-2.80E-07	-1.70E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

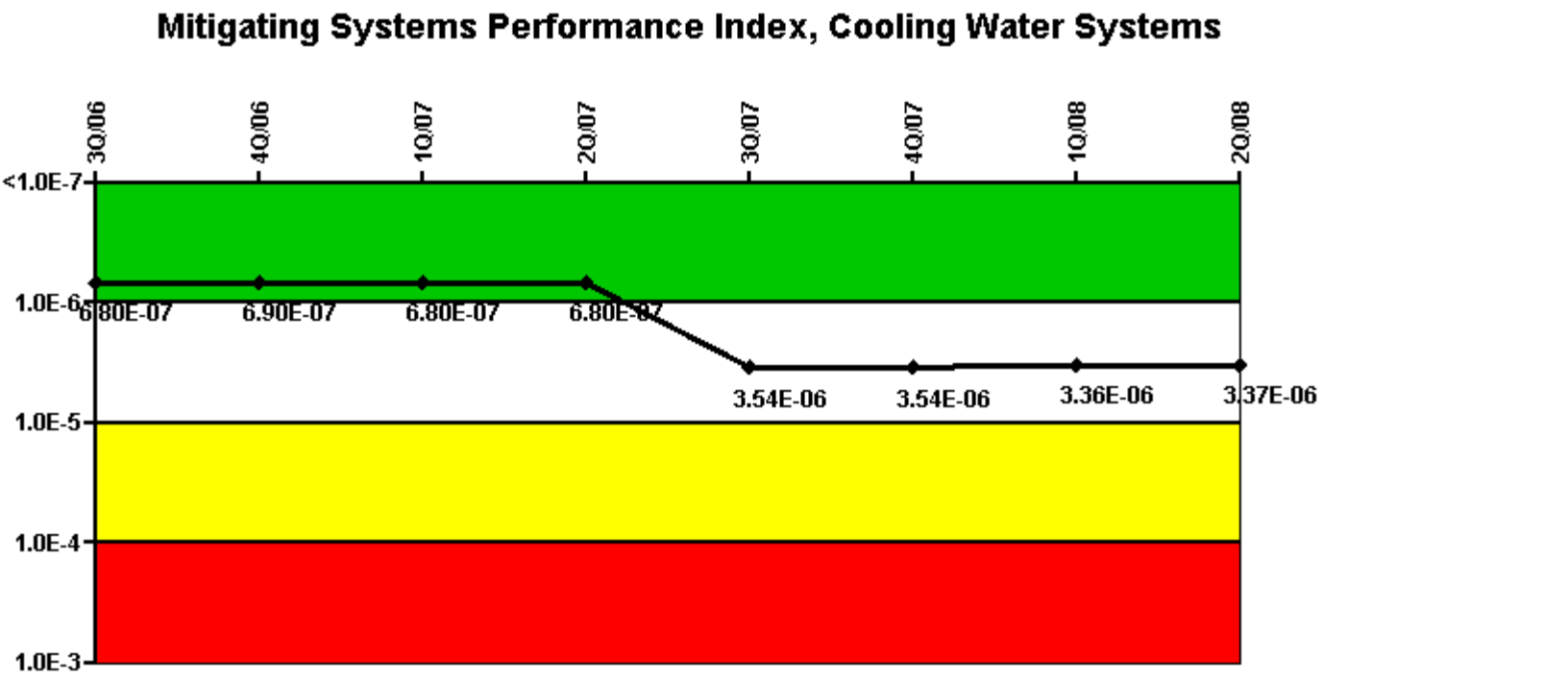


Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (ΔCDF)	4.10E-08	5.40E-08	1.60E-07	2.20E-07	2.80E-08	1.50E-07	5.40E-08	8.30E-08
URI (ΔCDF)	-2.10E-07	-2.10E-07	-2.10E-07	-2.10E-07	-2.10E-07	4.60E-07	4.60E-07	4.60E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.69E-07	-1.56E-07	-5.00E-08	1.00E-08	-1.82E-07	6.10E-07	5.14E-07	5.43E-07

Licensee Comments: none



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

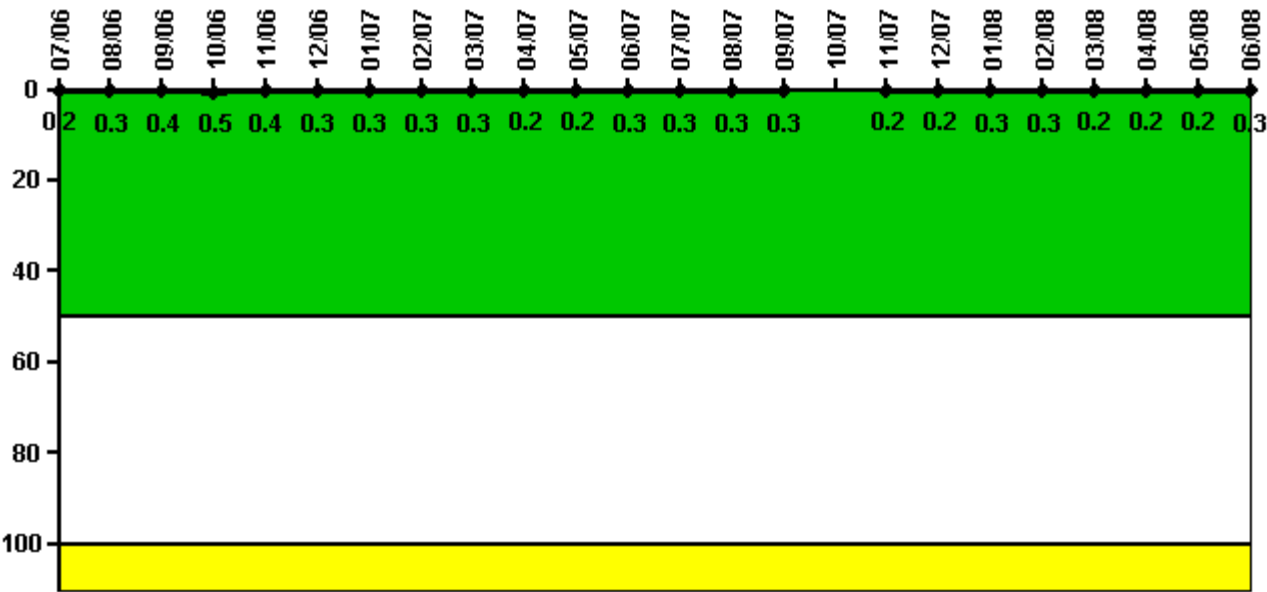
Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (ΔCDF)	2.50E-07	2.60E-07	2.50E-07	2.50E-07	3.40E-07	3.40E-07	3.60E-07	3.70E-07
URI (ΔCDF)	4.30E-07	4.30E-07	4.30E-07	4.30E-07	3.20E-06	3.20E-06	3.00E-06	3.00E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	6.80E-07	6.90E-07	6.80E-07	6.80E-07	3.54E-06	3.54E-06	3.36E-06	3.37E-06

Licensee Comments:

2Q/08: Risk Cap Invoked.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

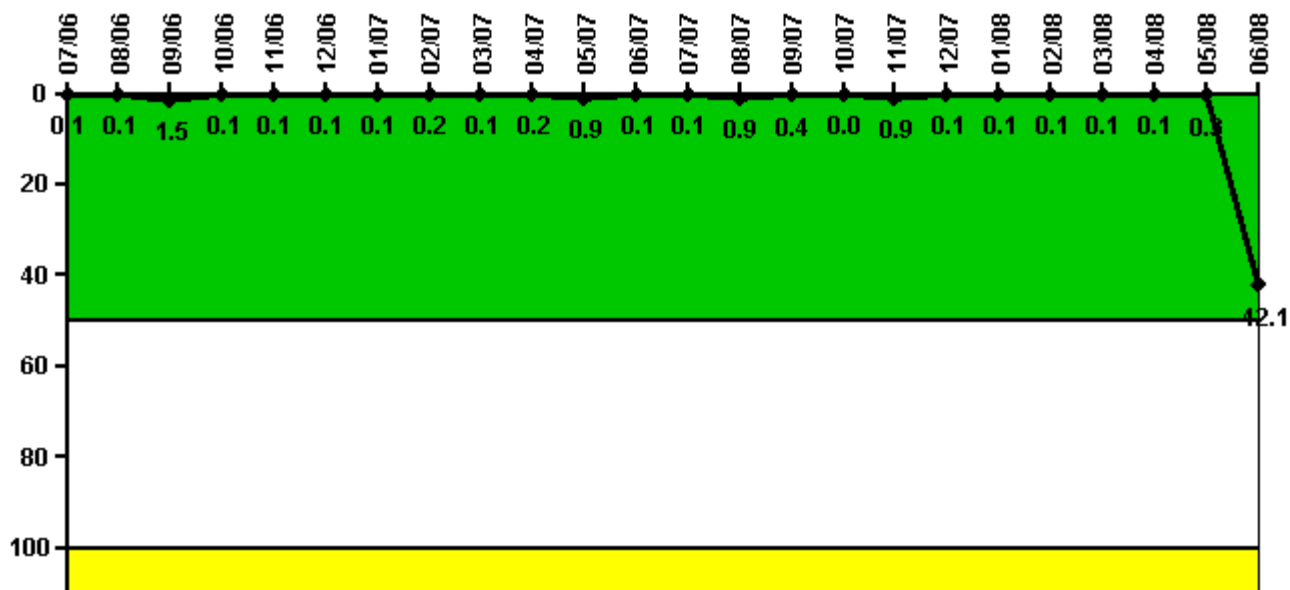
Notes

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	0.001124	0.001524	0.001937	0.002433	0.001970	0.001331	0.001404	0.001526	0.001532	0.001129	0.001213	0.001417
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.2	0.3	0.4	0.5	0.4	0.3	0.3	0.3	0.3	0.2	0.2	0.3

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	0.001607	0.001486	0.001480	N/A	0.000917	0.001003	0.001271	0.001684	0.001040	0.001166	0.001242	0.001619
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.3	0.3	0.3	N/A	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.3

Licensee Comments: none

Reactor Coolant System Leakage



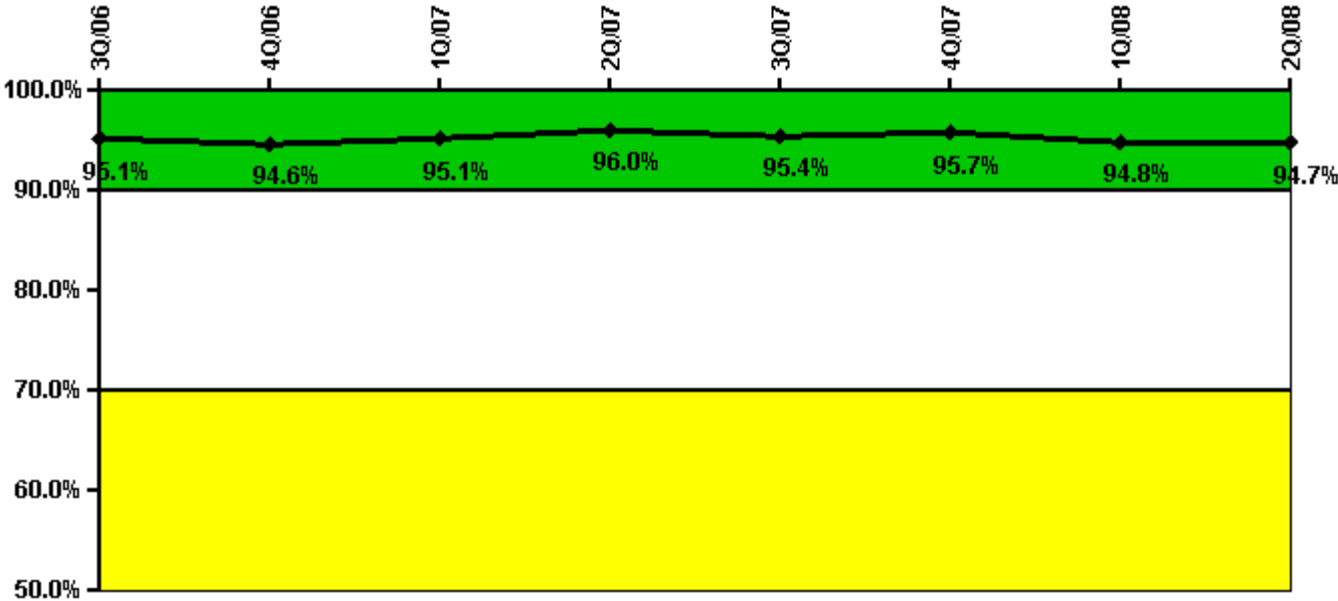
Thresholds: White > 50.0 Yellow > 100.0

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	0.010	0.010	0.150	0.010	0.010	0.010	0.010	0.020	0.010	0.020	0.090	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	1.5	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.9	0.1
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	0.010	0.090	0.040	0	0.090	0.010	0.010	0.010	0.010	0.010	0.030	4.210
Technical specification limit	10.0	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	0.9	0.4	0	0.9	0.1	0.1	0.1	0.1	0.1	0.3	42.1

Licensee Comments: none

Drill/Exercise Performance



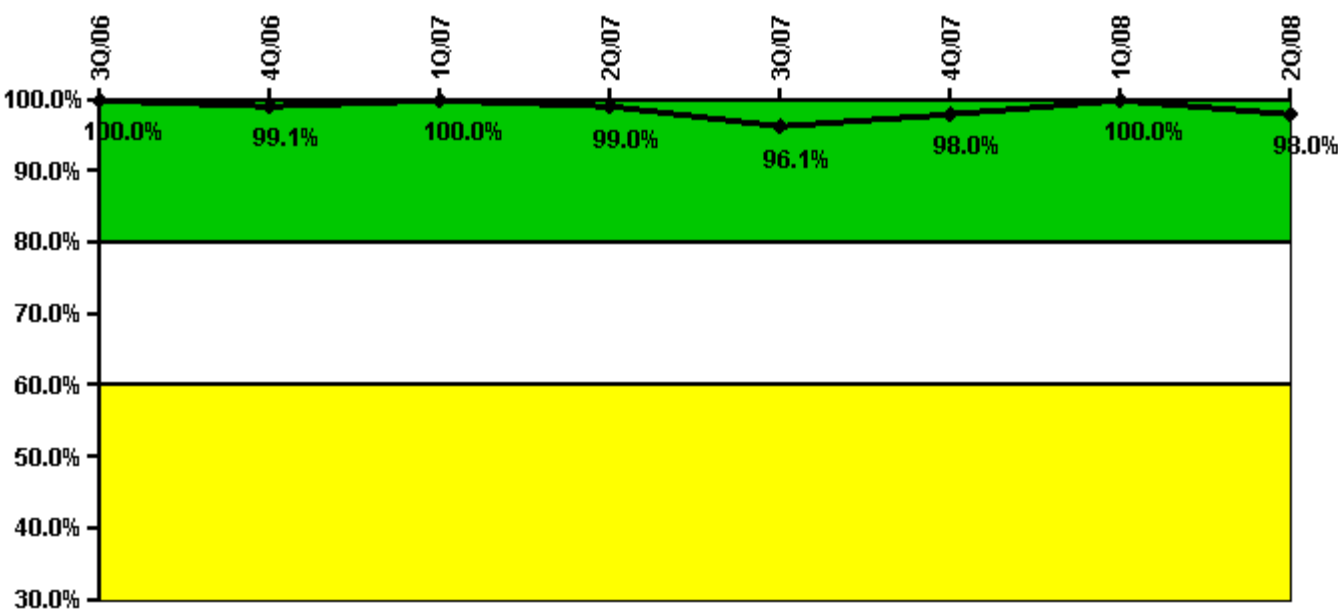
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Successful opportunities	65.0	46.0	28.0	8.0	12.0	14.0	57.0	19.0
Total opportunities	69.0	50.0	28.0	8.0	12.0	14.0	62.0	20.0
Indicator value	95.1%	94.6%	95.1%	96.0%	95.4%	95.7%	94.8%	94.7%

Licensee Comments: none

ERO Drill Participation



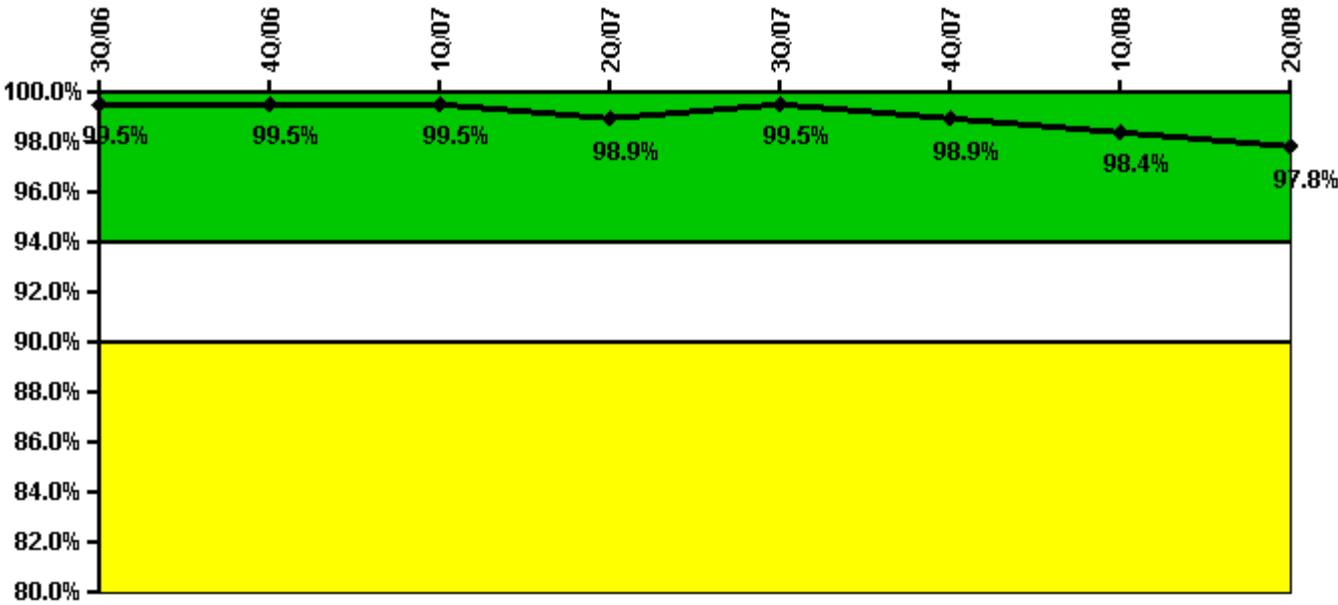
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Participating Key personnel	104.0	105.0	109.0	101.0	99.0	100.0	103.0	99.0
Total Key personnel	104.0	106.0	109.0	102.0	103.0	102.0	103.0	101.0
Indicator value	100.0%	99.1%	100.0%	99.0%	96.1%	98.0%	100.0%	98.0%

Licensee Comments: none

Alert & Notification System



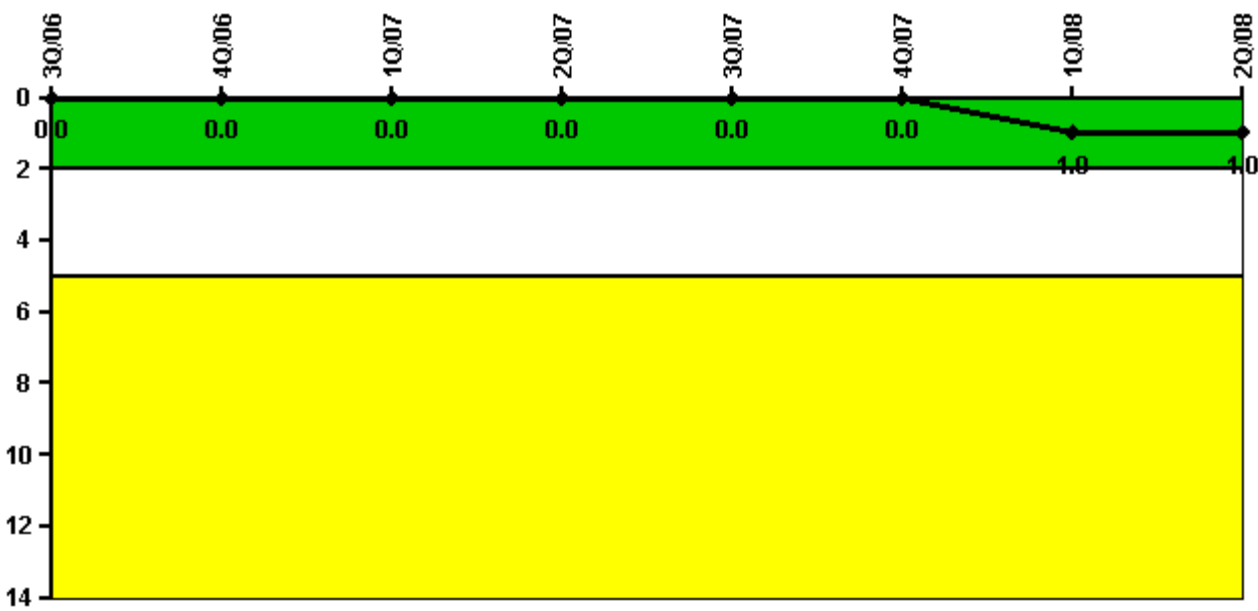
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Successful siren-tests	44	48	48	47	45	47	44	43
Total sirens-tests	45	48	48	48	45	48	45	45
Indicator value	99.5%	99.5%	99.5%	98.9%	99.5%	98.9%	98.4%	97.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
High radiation area occurrences	0	0	0	0	0	0	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](#)

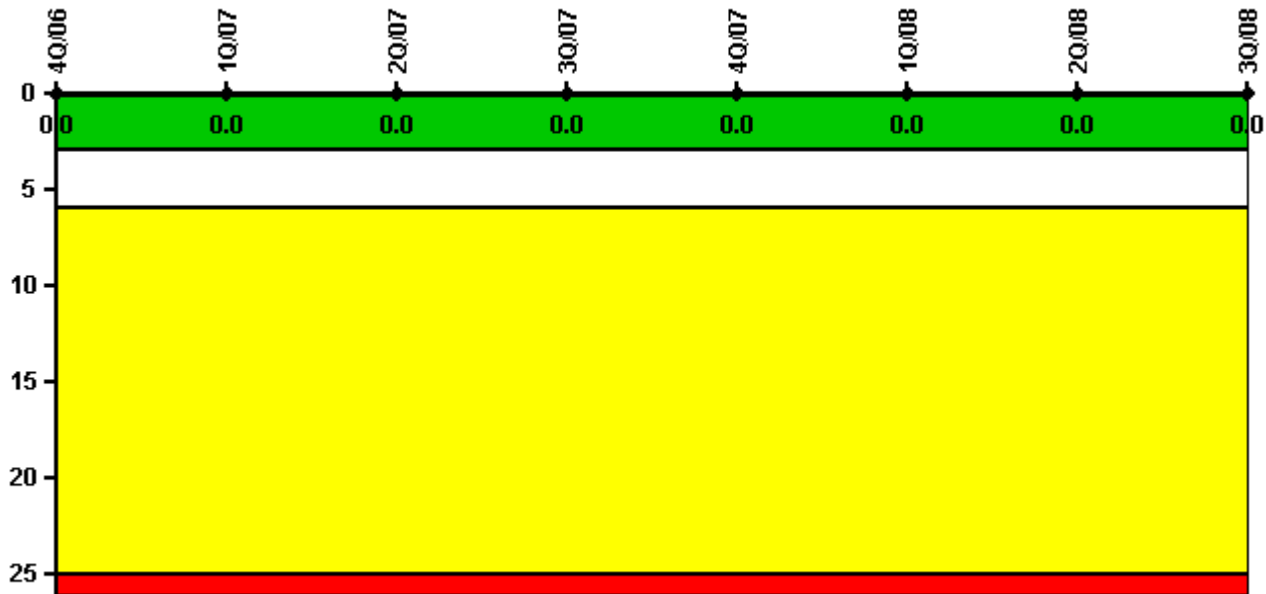
Last Modified: August 4, 2008

Farley 1

3Q/2008 Performance Indicators

Licensee's General Comments: Added new Core Damage Frequency values effective Q3 2008.

Unplanned Scrams per 7000 Critical Hrs



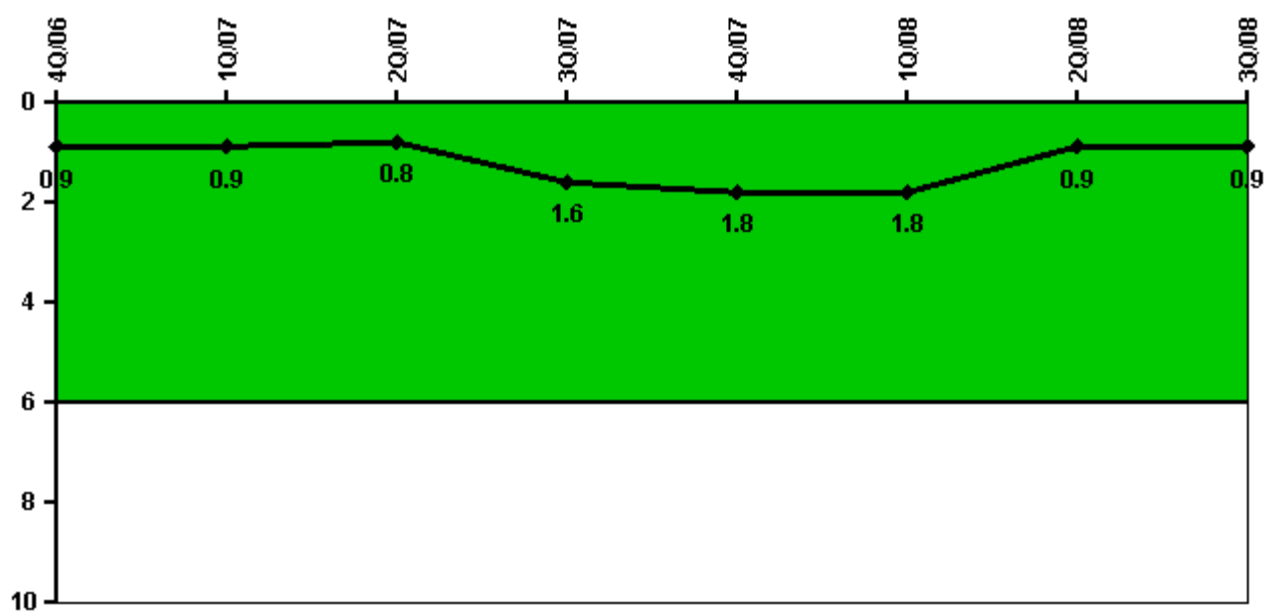
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2209.0	2159.0	2184.0	2160.5	1185.6	2183.0	2184.0	2044.8
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



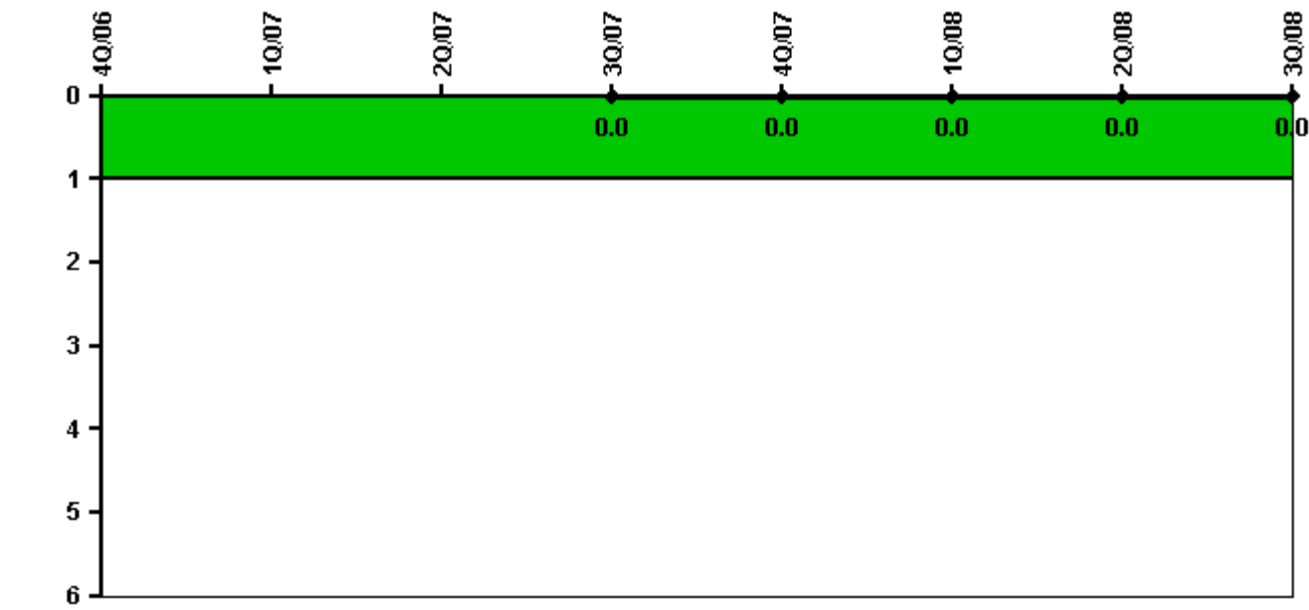
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Unplanned power changes	0	0	1.0	1.0	0	0	0	1.0
Critical hours	2209.0	2159.0	2184.0	2160.5	1185.6	2183.0	2184.0	2044.8
Indicator value	0.9	0.9	0.8	1.6	1.8	1.8	0.9	0.9

Licensee Comments: none

Unplanned Scrams with Complications



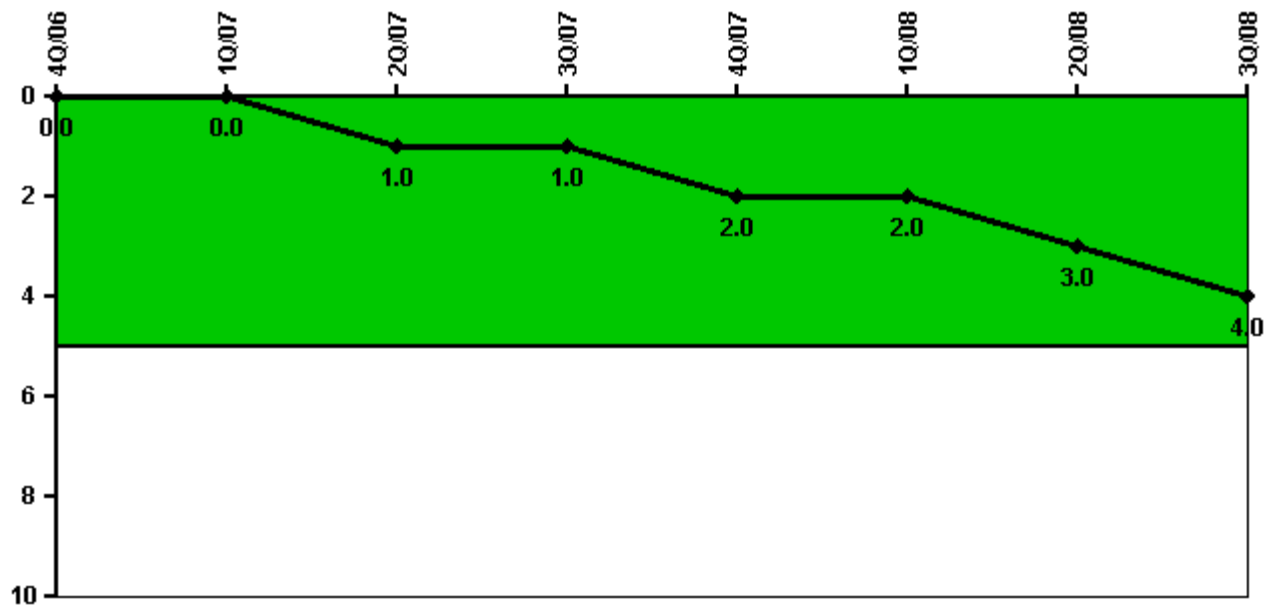
Thresholds: White > 1.0

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)



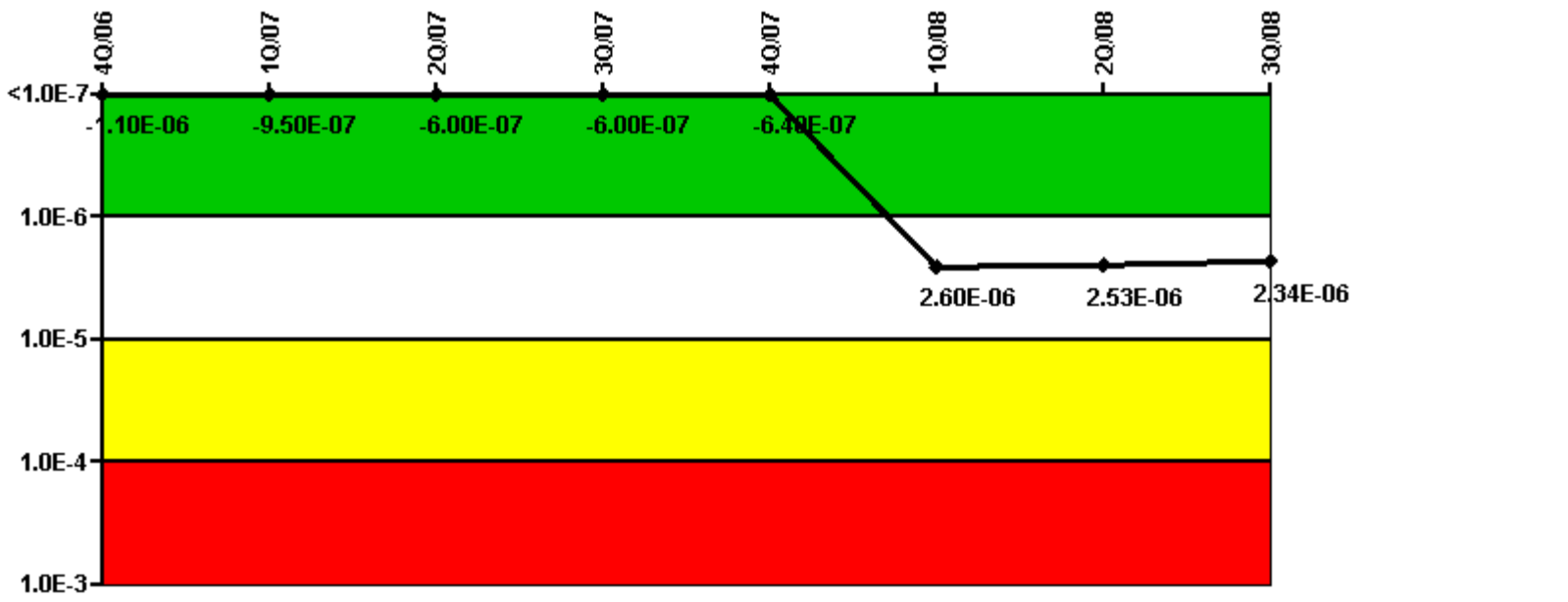
Thresholds: White > 5.0

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	1	0	1	0	2	1
Indicator value	0	0	1	1	2	2	3	4

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



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

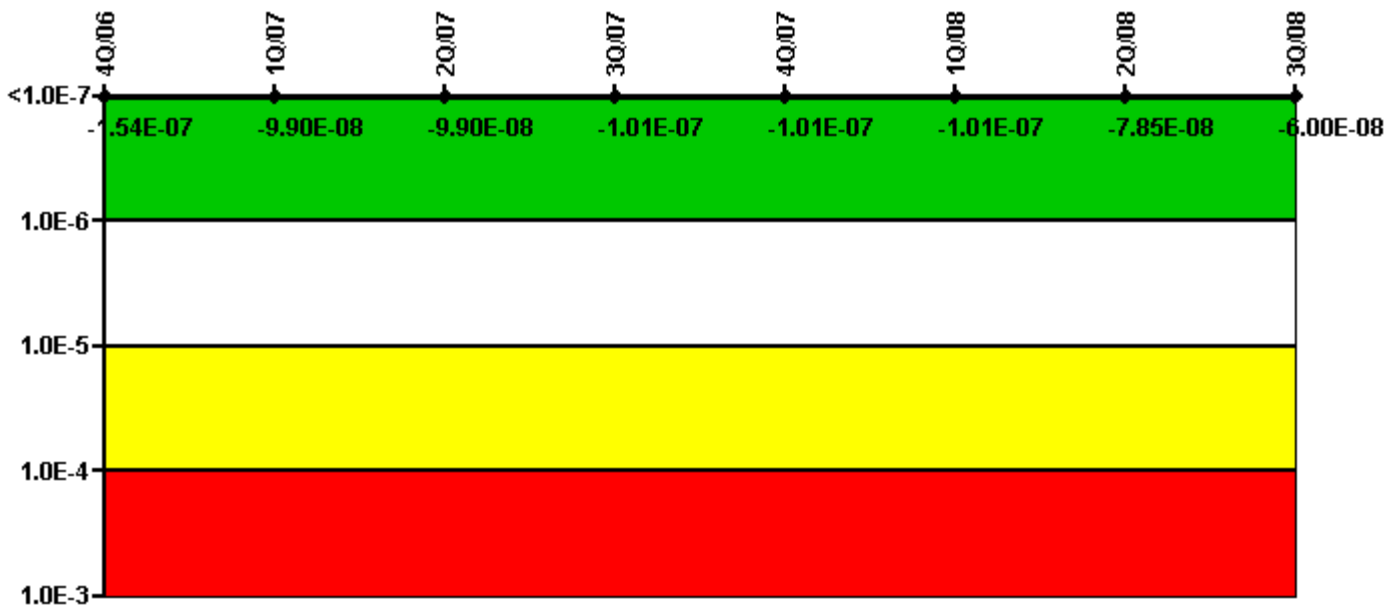
Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI (ΔCDF)	3.00E-07	4.50E-07	4.00E-07	4.00E-07	3.60E-07	8.00E-07	7.30E-07	3.40E-07
URI (ΔCDF)	-1.40E-06	-1.40E-06	-1.00E-06	-1.00E-06	-1.00E-06	1.80E-06	1.80E-06	2.00E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.10E-06	-9.50E-07	-6.00E-07	-6.00E-07	-6.40E-07	2.60E-06	2.53E-06	2.34E-06

Licensee Comments:

3Q/08: Risk Cap Invoked.

Mitigating Systems Performance Index, High Pressure Injection System



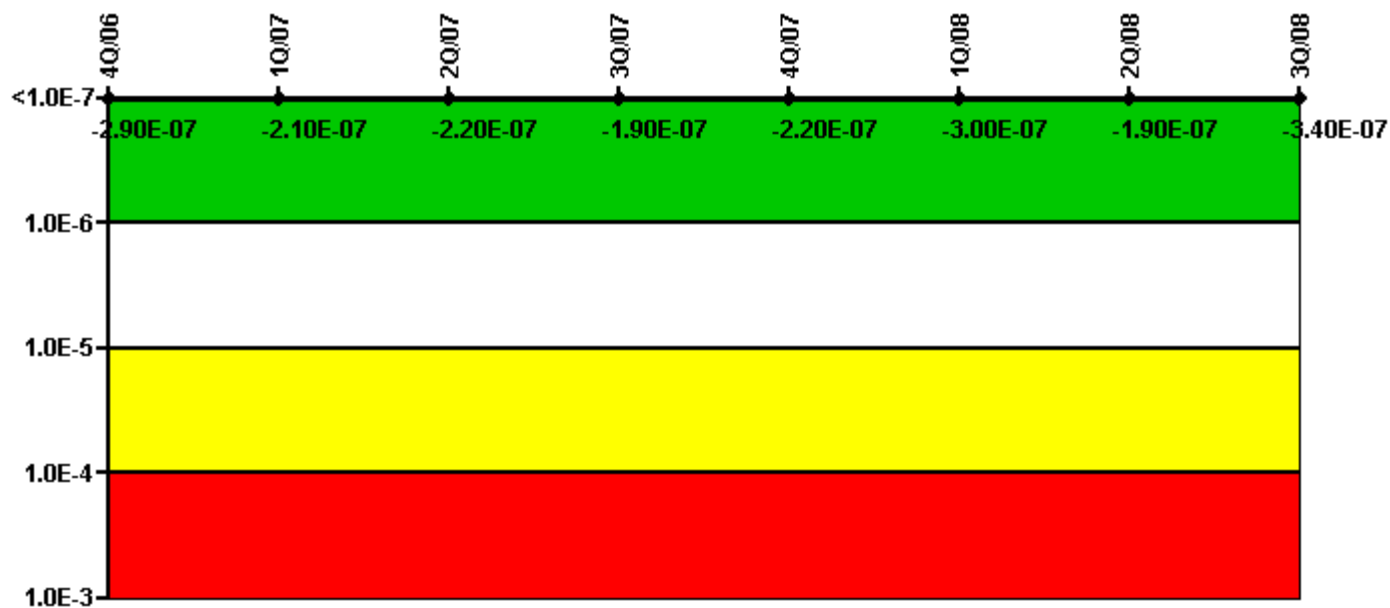
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	-8.40E-08	-2.90E-08	-2.90E-08	-3.10E-08	-3.10E-08	-3.10E-08	-8.50E-09	-8.00E-09
URI (Δ CDF)	-7.00E-08	-7.00E-08	-7.00E-08	-7.00E-08	-7.00E-08	-7.00E-08	-7.00E-08	-5.20E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.54E-07	-9.90E-08	-9.90E-08	-1.01E-07	-1.01E-07	-1.01E-07	-7.85E-08	-6.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



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

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI (ΔCDF)	2.30E-07	3.10E-07	3.00E-07	3.30E-07	3.00E-07	2.20E-07	3.30E-07	1.60E-07
URI (ΔCDF)	-5.20E-07	-5.20E-07	-5.20E-07	-5.20E-07	-5.20E-07	-5.20E-07	-5.20E-07	-5.00E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.90E-07	-2.10E-07	-2.20E-07	-1.90E-07	-2.20E-07	-3.00E-07	-1.90E-07	-3.40E-07

Licensee Comments:

2Q/08: Added new Core Damage Frequency values effective Q3 2008. Used override method affecting values from Q2 2006 through Q2 2008. Color unaffected.

1Q/08: Added new Core Damage Frequency values effective Q3 2008. Used override method affecting values from Q2 2006 through Q2 2008. Color unaffected.

4Q/07: Added new Core Damage Frequency values effective Q3 2008. Used override method affecting values from Q2 2006 through Q2 2008. Color unaffected.

3Q/07: Added new Core Damage Frequency values effective Q3 2008. Used override method affecting values from Q2 2006 through Q2 2008. Color unaffected.

2Q/07: Added new Core Damage Frequency values effective Q3 2008. Used override method affecting values from Q2 2006 through Q2 2008. Color unaffected.

1Q/07: Added new Core Damage Frequency values effective Q3 2008. Used override method affecting values from Q2 2006 through Q2 2008. Color unaffected.

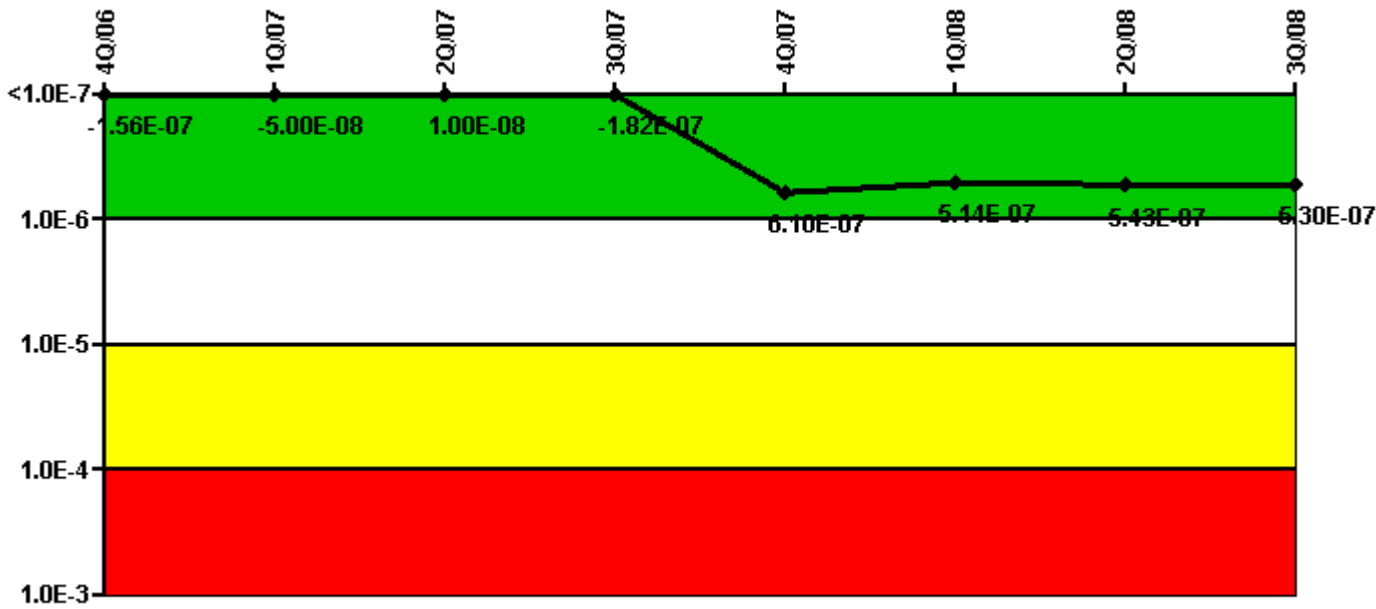
4Q/06: Added new Core Damage Frequency values effective Q3 2008. Used override method affecting values from Q2 2006 through Q2 2008. Color unaffected.

3Q/06: Added new Core Damage Frequency values effective Q3 2008. Used override method affecting values from Q2 2006 through Q2 2008. Color unaffected.

2Q/06: Added new Core Damage Frequency values effective Q3 2008. Used override method affecting values from Q2 2006 through Q2 2008. Color unaffected.

through Q2 2008. Color unaffected.

Mitigating Systems Performance Index, Residual Heat Removal System



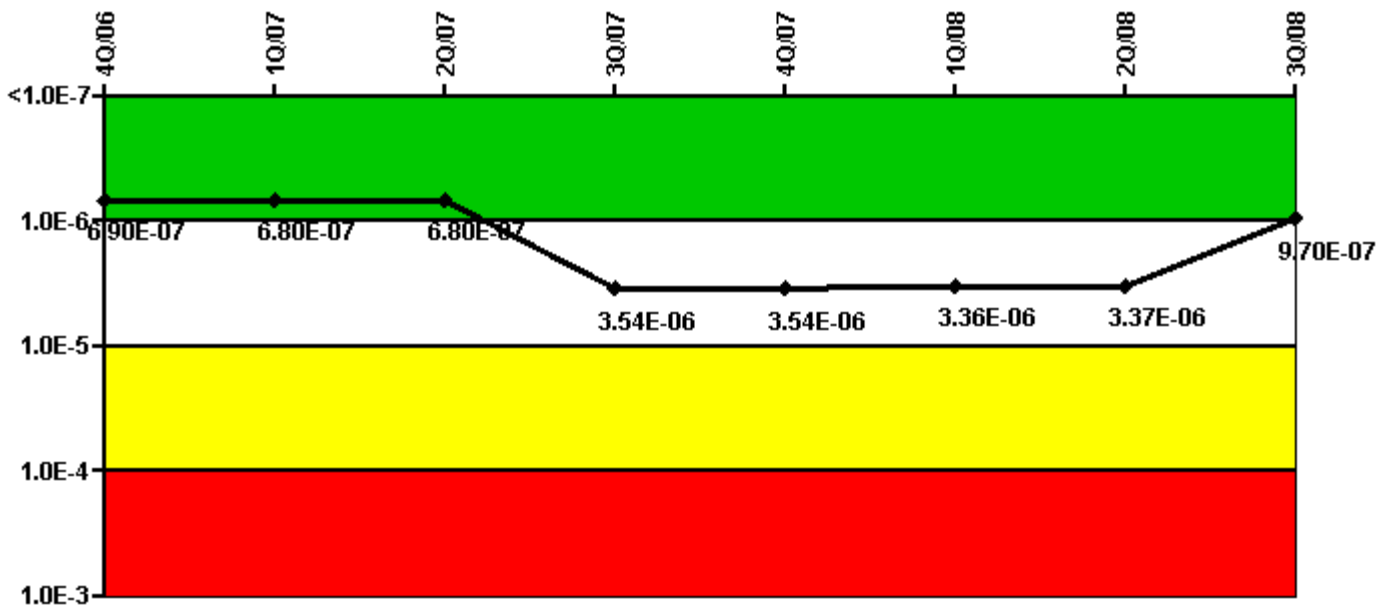
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (ΔCDF)	5.40E-08	1.60E-07	2.20E-07	2.80E-08	1.50E-07	5.40E-08	8.30E-08	1.20E-07
URI (ΔCDF)	-2.10E-07	-2.10E-07	-2.10E-07	-2.10E-07	4.60E-07	4.60E-07	4.60E-07	4.10E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.56E-07	-5.00E-08	1.00E-08	-1.82E-07	6.10E-07	5.14E-07	5.43E-07	6.30E-07

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



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

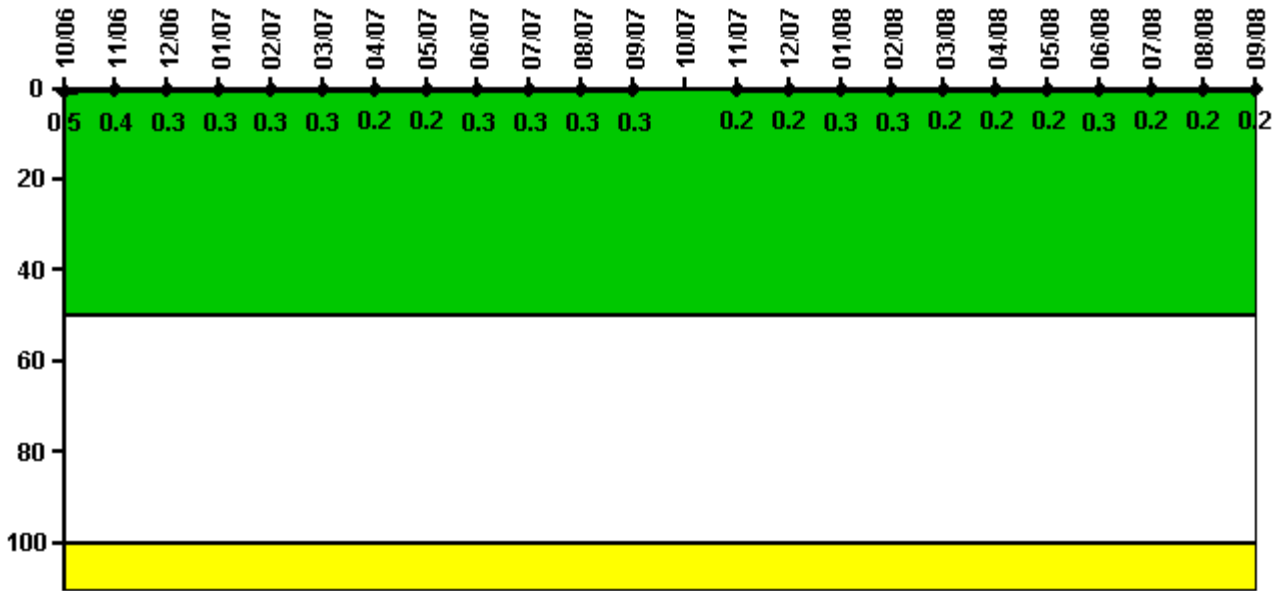
Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI (ΔCDF)	2.60E-07	2.50E-07	2.50E-07	3.40E-07	3.40E-07	3.60E-07	3.70E-07	4.00E-08
URI (ΔCDF)	4.30E-07	4.30E-07	4.30E-07	3.20E-06	3.20E-06	3.00E-06	3.00E-06	9.30E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	6.90E-07	6.80E-07	6.80E-07	3.54E-06	3.54E-06	3.36E-06	3.37E-06	9.70E-07

Licensee Comments:

2Q/06: Added new Core Damage Frequency values effective Q3 2008. Used override method affecting values from Q2 2006 through Q2 2008. Color unaffected.

Reactor Coolant System Activity



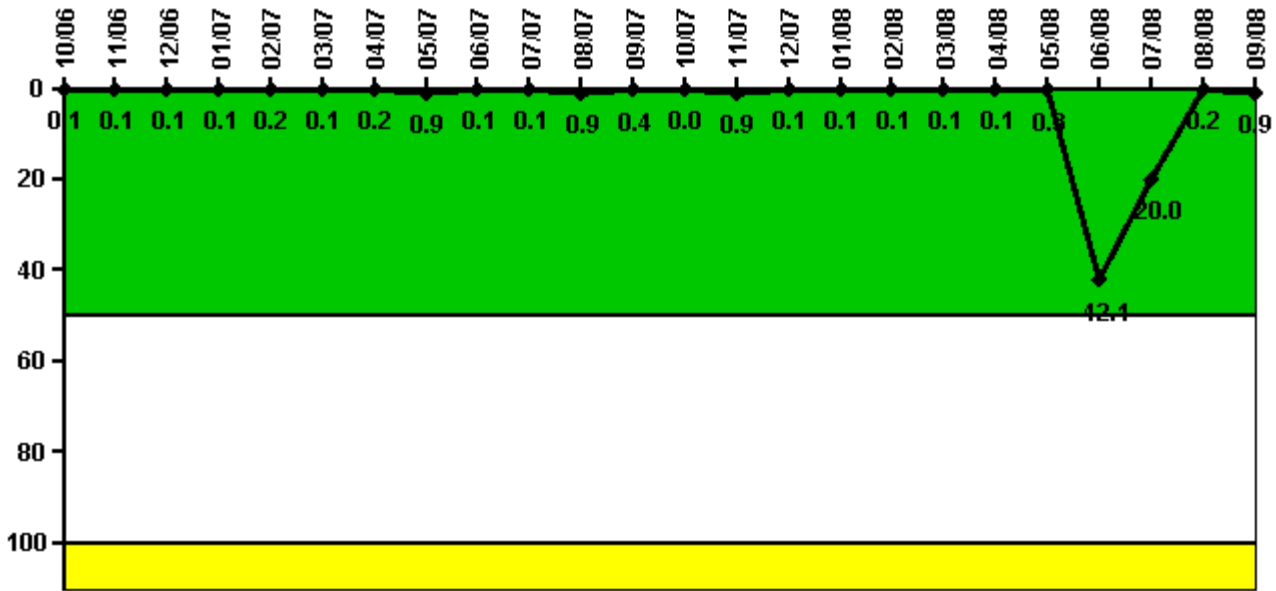
Thresholds: White > 50.0 Yellow > 100.0

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	0.002433	0.001970	0.001331	0.001404	0.001526	0.001532	0.001129	0.001213	0.001417	0.001607	0.001486	0.001480
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.5	0.4	0.3	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.3
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	N/A	0.000917	0.001003	0.001271	0.001684	0.001040	0.001166	0.001242	0.001619	0.001189	0.001180	0.001170
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	N/A	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.3	0.2	0.2	0.2

Licensee Comments: none

Reactor Coolant System Leakage



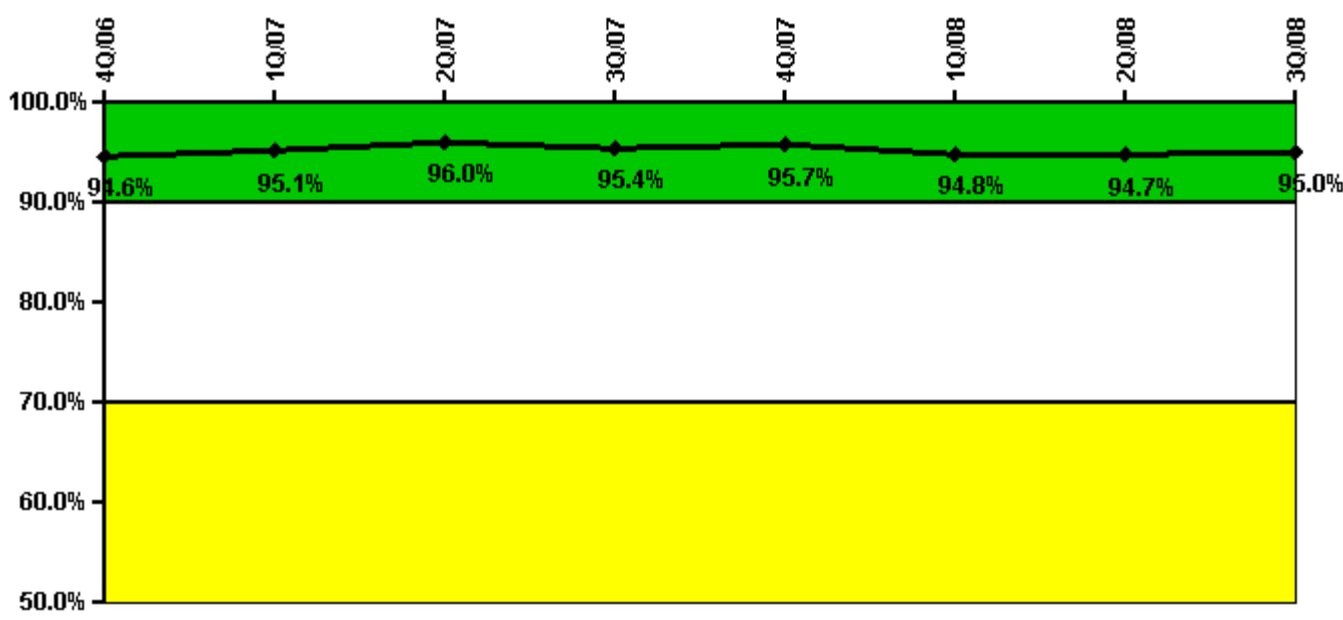
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	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	0.010	0.010	0.010	0.010	0.020	0.010	0.020	0.090	0.010	0.010	0.090	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.9	0.1	0.1	0.9	0.4
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	0.090	0.010	0.010	0.010	0.010	0.010	0.030	4.210	2.000	0.020	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	0.9	0.1	0.1	0.1	0.1	0.1	0.3	42.1	20.0	0.2	0.9

Licensee Comments: none

Drill/Exercise Performance



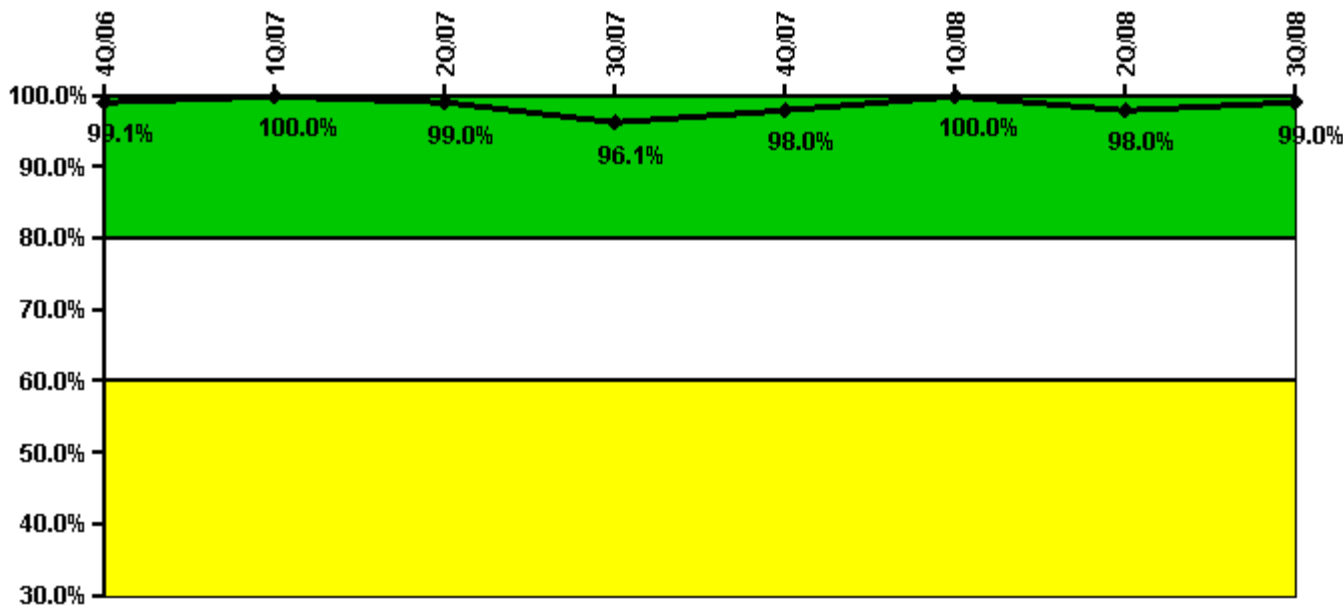
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Successful opportunities	46.0	28.0	8.0	12.0	14.0	57.0	19.0	27.0
Total opportunities	50.0	28.0	8.0	12.0	14.0	62.0	20.0	28.0
Indicator value	94.6%	95.1%	96.0%	95.4%	95.7%	94.8%	94.7%	95.0%

Licensee Comments: none

ERO Drill Participation



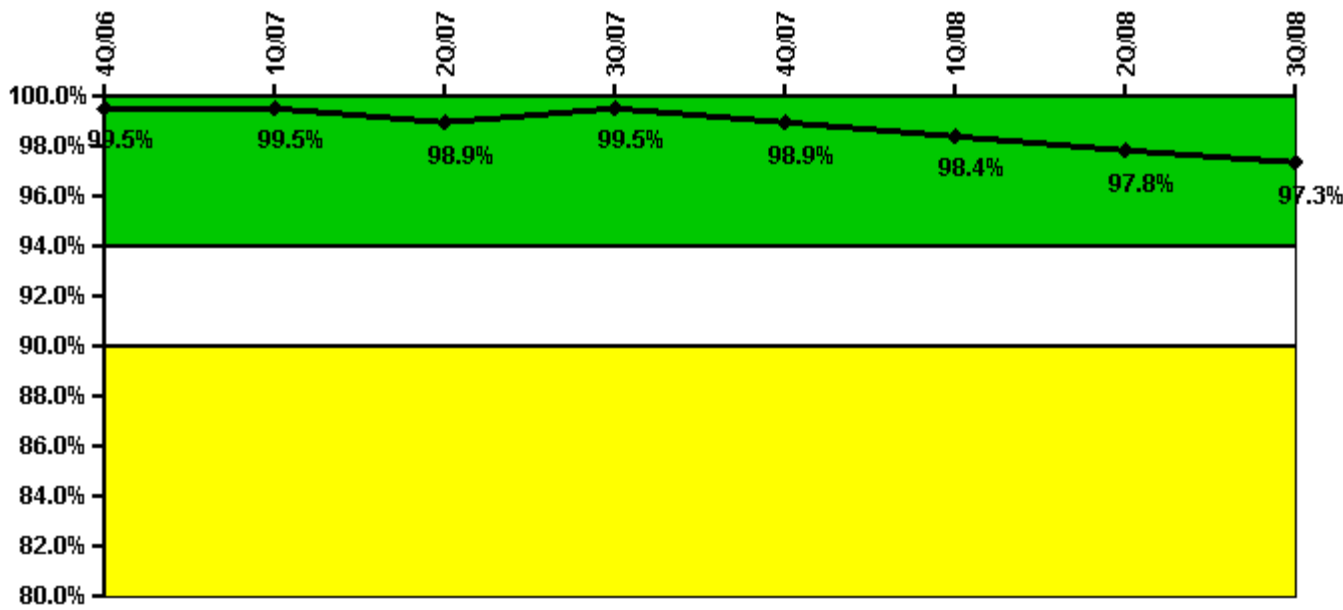
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Participating Key personnel	105.0	109.0	101.0	99.0	100.0	103.0	99.0	98.0
Total Key personnel	106.0	109.0	102.0	103.0	102.0	103.0	101.0	99.0
Indicator value	99.1%	100.0%	99.0%	96.1%	98.0%	100.0%	98.0%	99.0%

Licensee Comments: none

Alert & Notification System



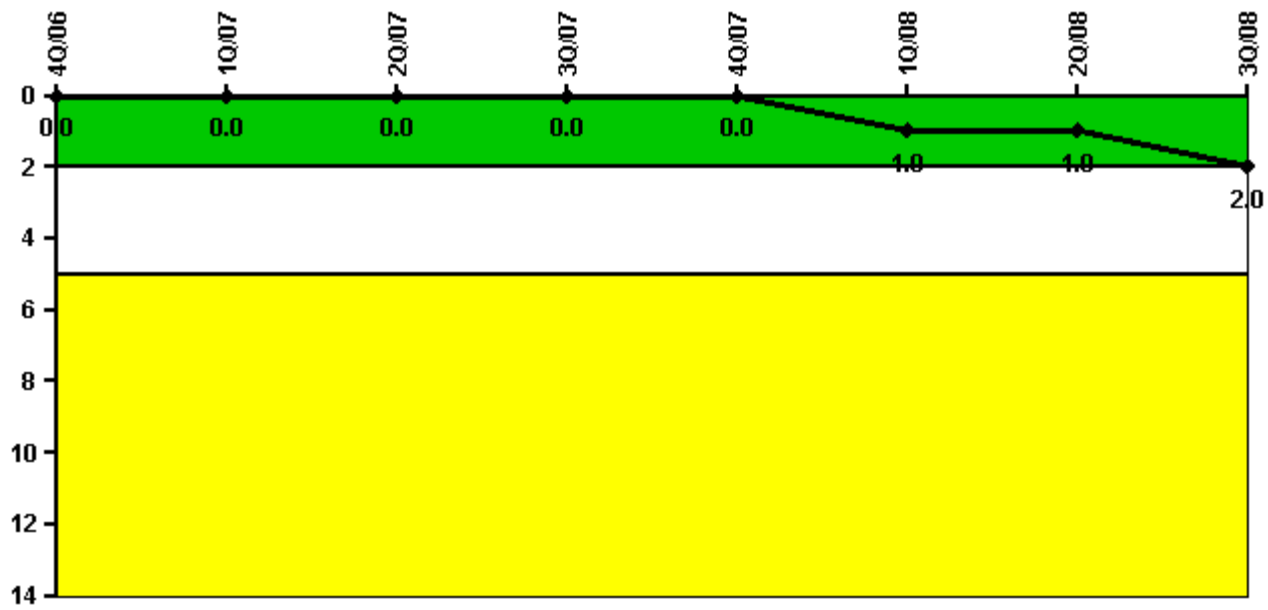
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Successful siren-tests	48	48	47	45	47	44	43	44
Total sirens-tests	48	48	48	45	48	45	45	45
Indicator value	99.5%	99.5%	98.9%	99.5%	98.9%	98.4%	97.8%	97.3%

Licensee Comments: none

Occupational Exposure Control Effectiveness



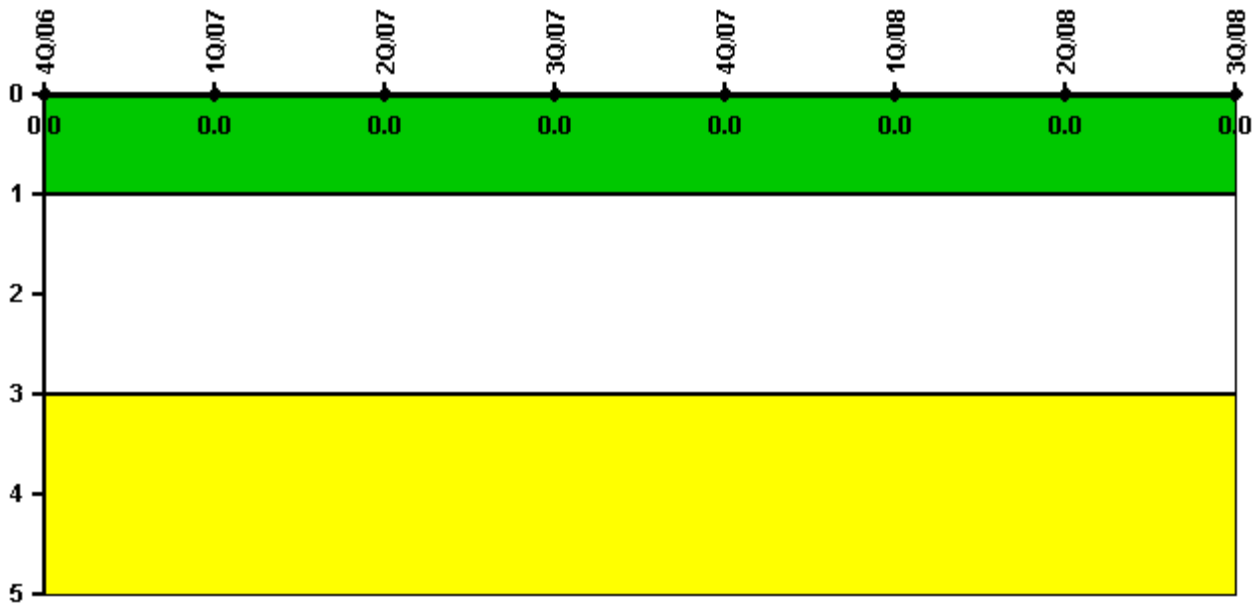
Thresholds: White > 2.0 Yellow > 5.0

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	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	1	1	2

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

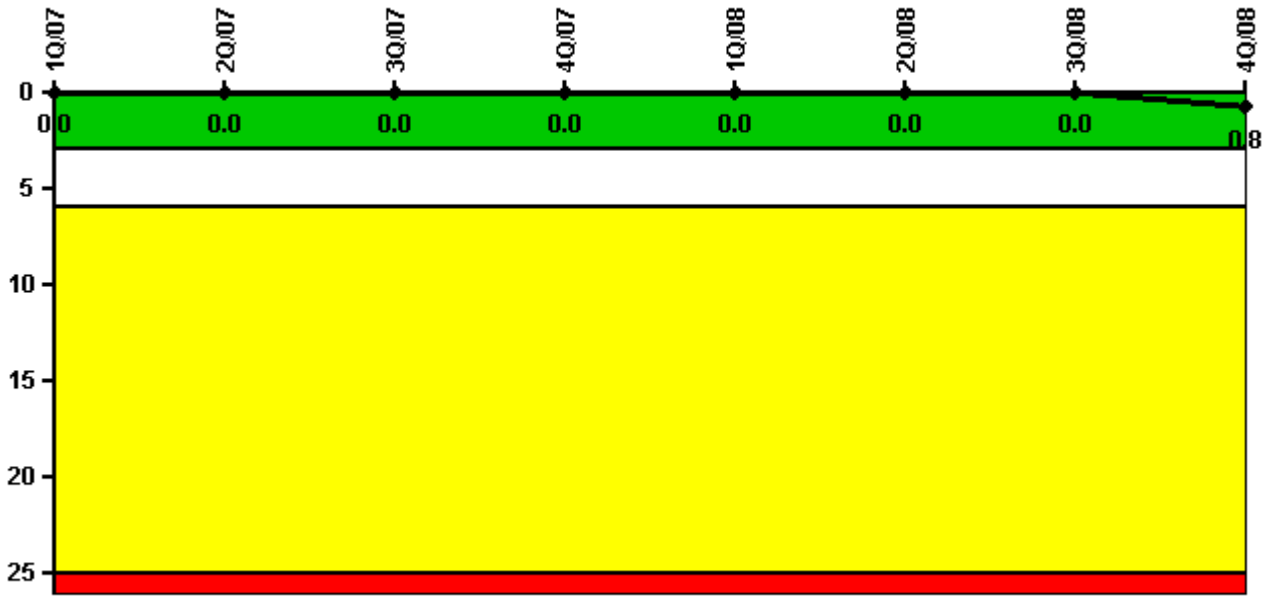
[Security](#) information not publicly available.

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4Q/2008 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



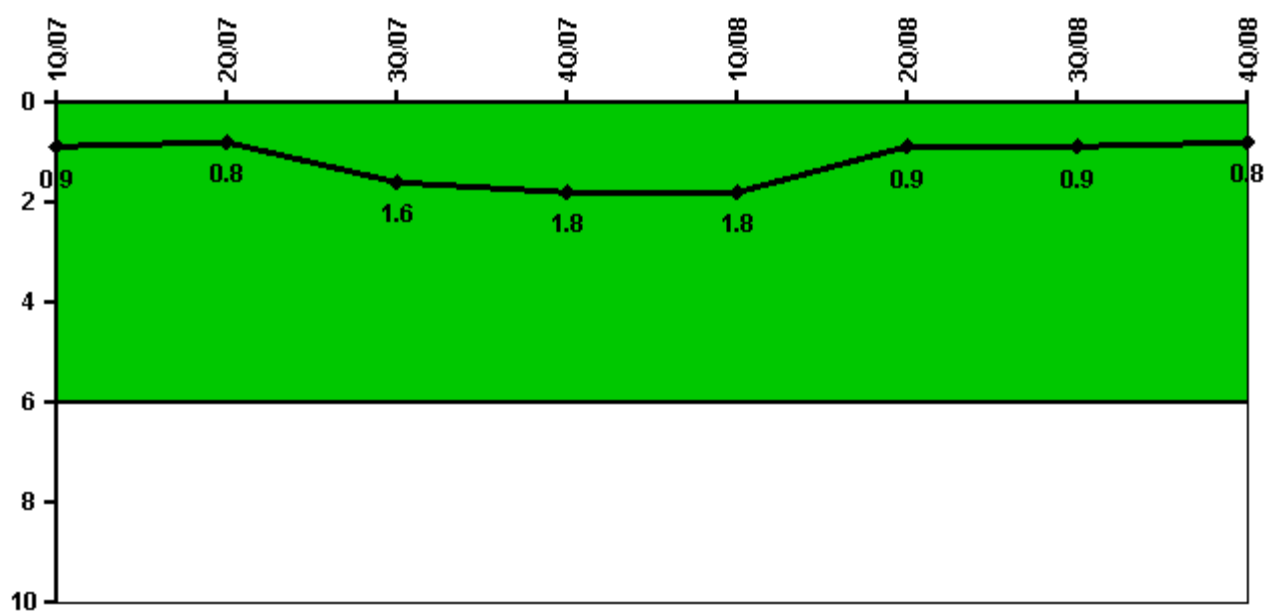
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	0	0	0	0	0	1.0
Critical hours	2159.0	2184.0	2160.5	1185.6	2183.0	2184.0	2044.8	2187.7
Indicator value	0	0	0	0	0	0	0	0.8

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



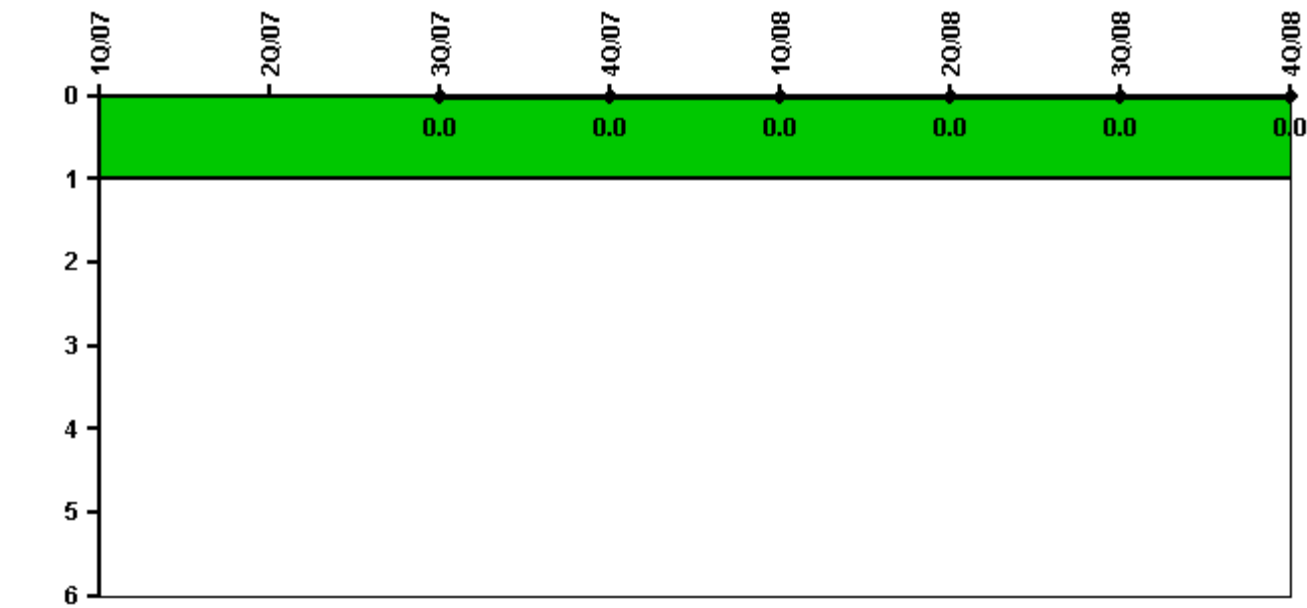
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Unplanned power changes	0	1.0	1.0	0	0	0	1.0	0
Critical hours	2159.0	2184.0	2160.5	1185.6	2183.0	2184.0	2044.8	2187.7
Indicator value	0.9	0.8	1.6	1.8	1.8	0.9	0.9	0.8

Licensee Comments: none

Unplanned Scrams with Complications



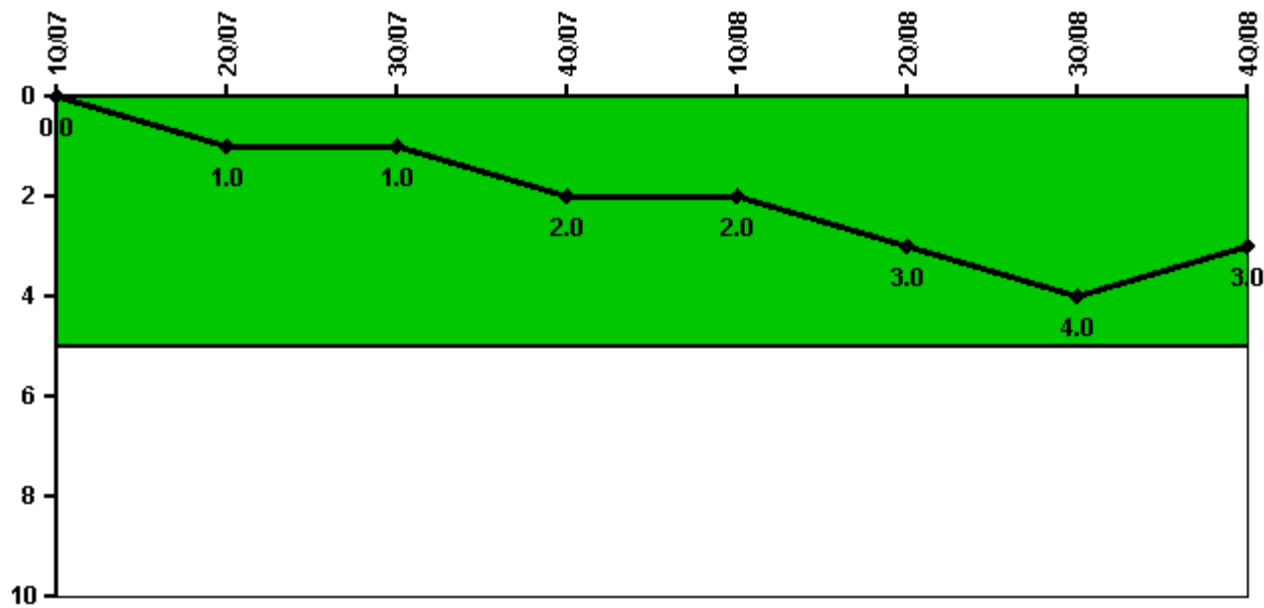
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Scrams with complications	0	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)

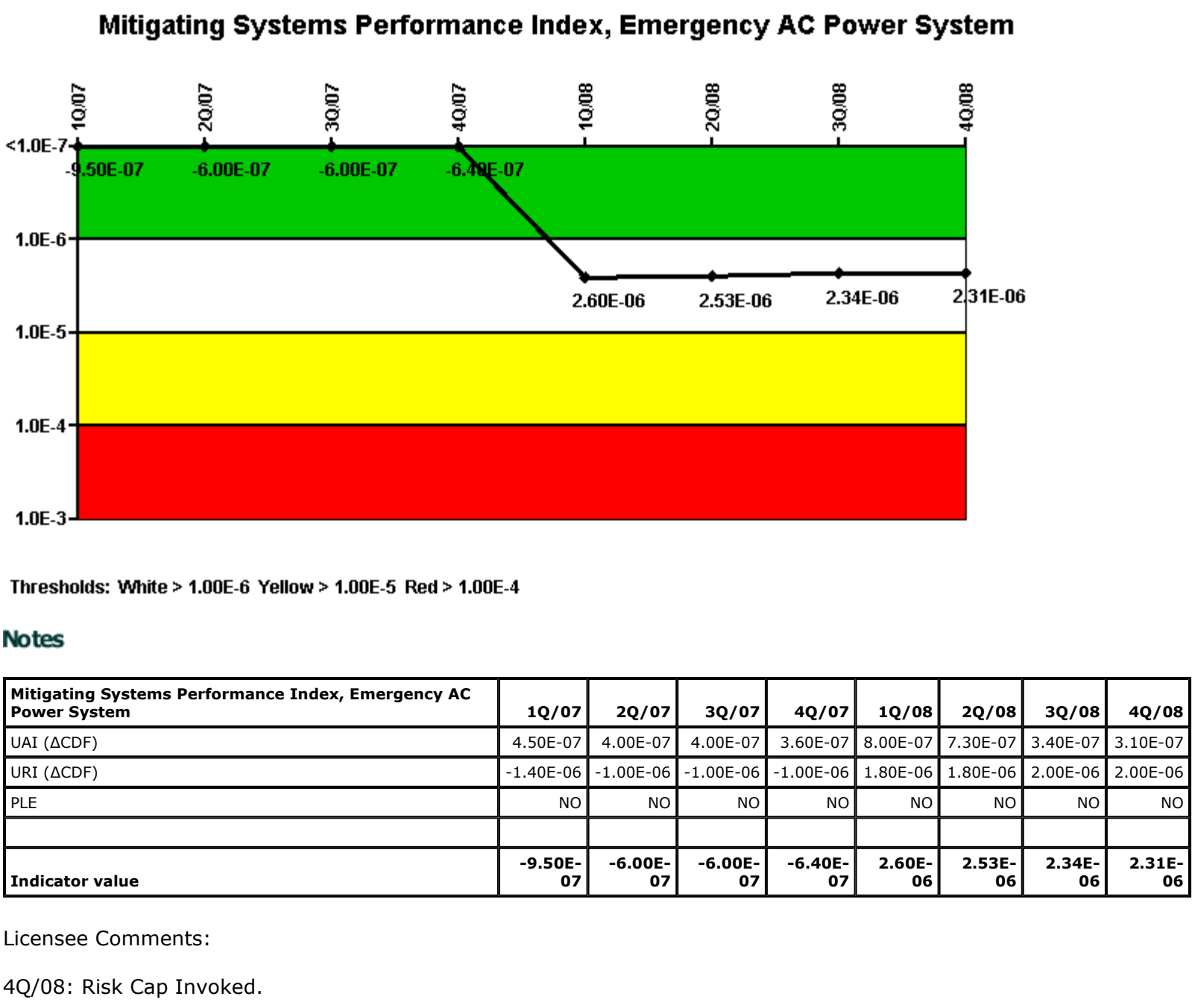


Thresholds: White > 5.0

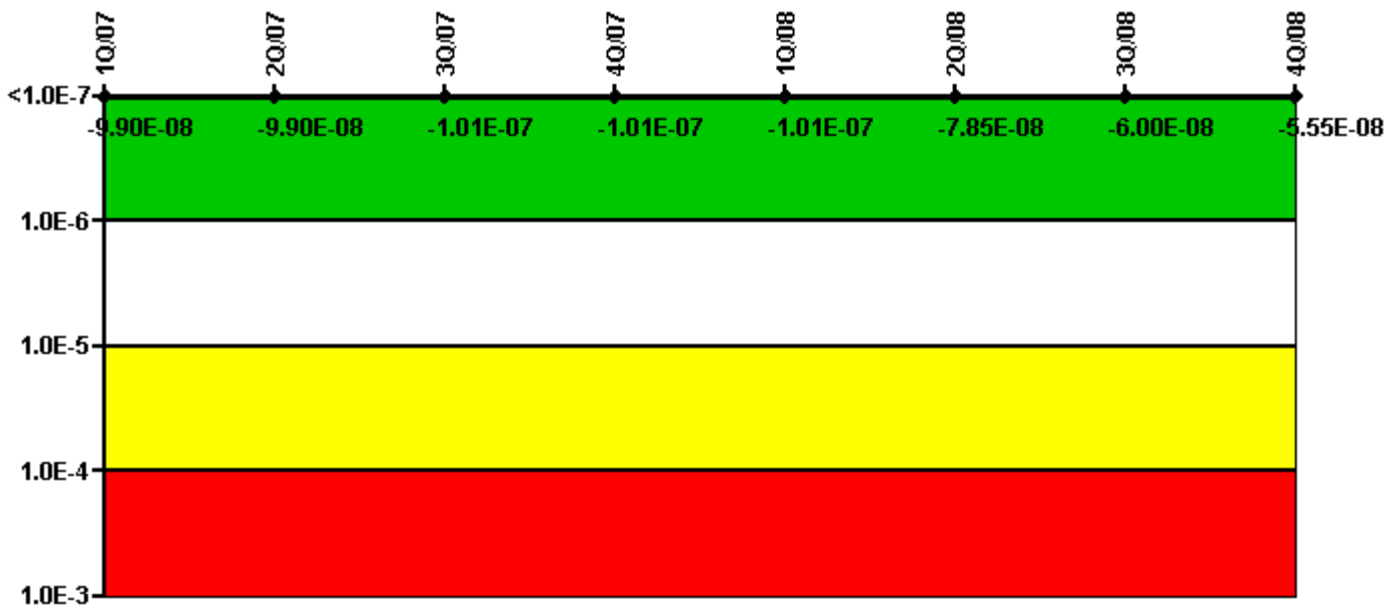
Notes

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	1	0	1	0	2	1	0
Indicator value	0	1	1	2	2	3	4	3

Licensee Comments: none



Mitigating Systems Performance Index, High Pressure Injection System



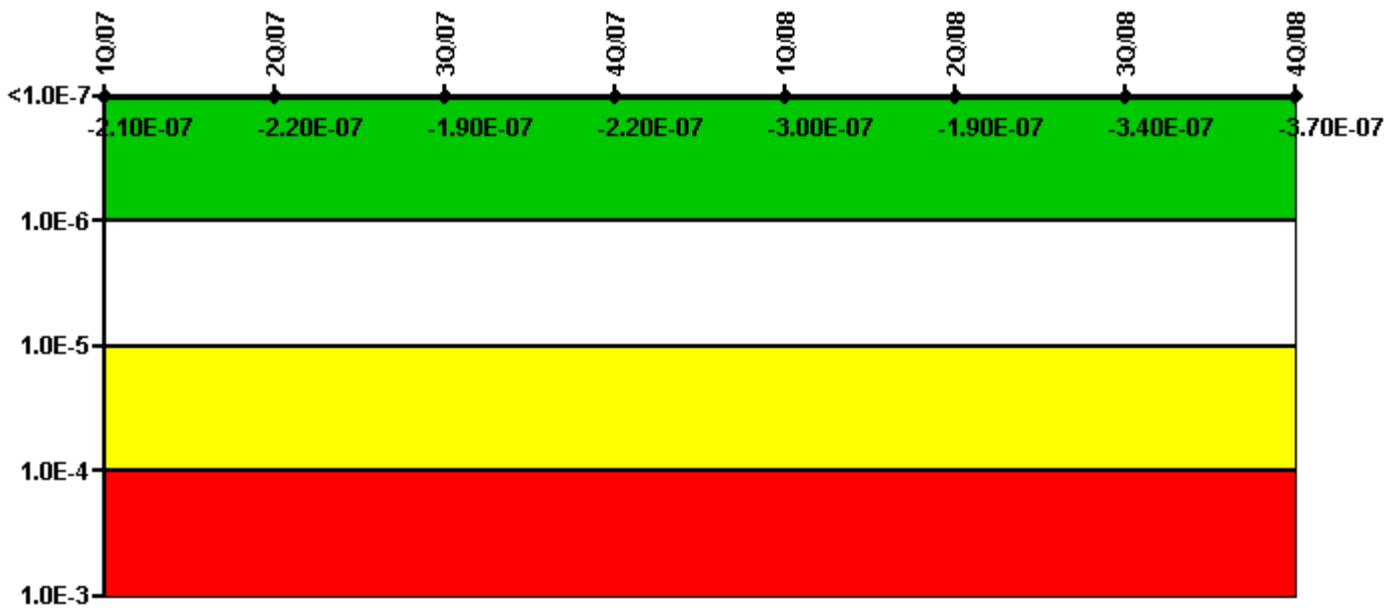
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI (Δ CDF)	-2.90E-08	-2.90E-08	-3.10E-08	-3.10E-08	-3.10E-08	-8.50E-09	-8.00E-09	-3.50E-09
URI (Δ CDF)	-7.00E-08	-7.00E-08	-7.00E-08	-7.00E-08	-7.00E-08	-7.00E-08	-5.20E-08	-5.20E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-9.90E-08	-9.90E-08	-1.01E-07	-1.01E-07	-1.01E-07	-7.85E-08	-6.00E-08	-5.55E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



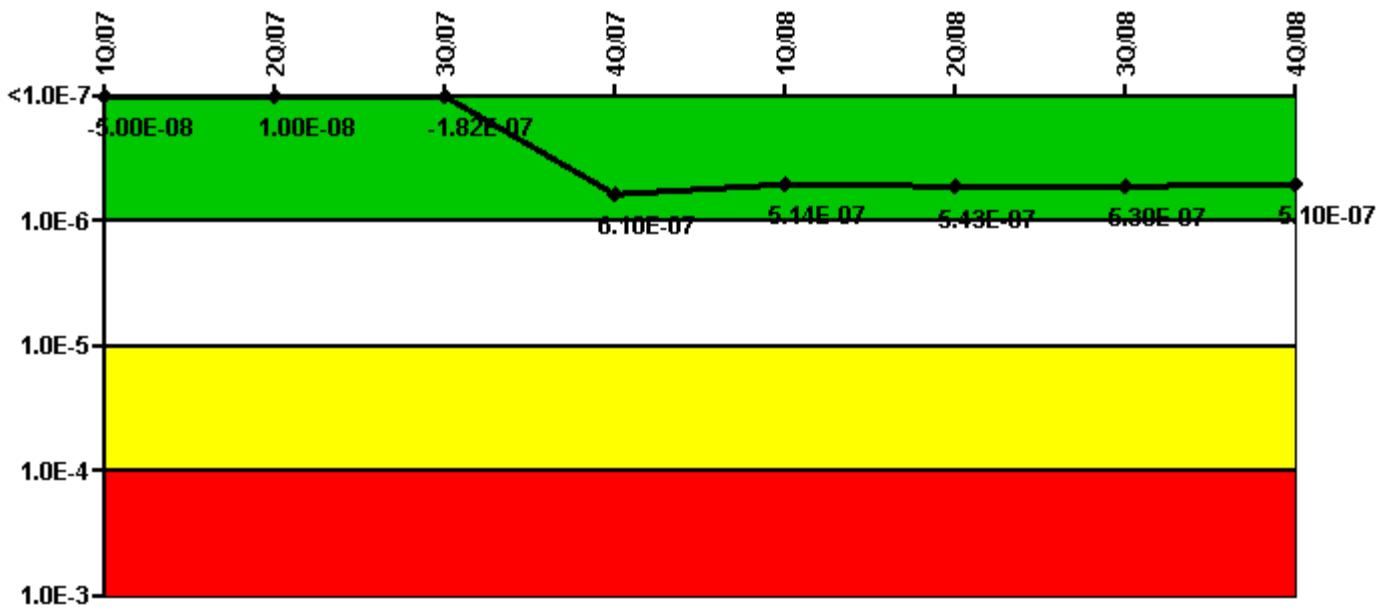
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI (ΔCDF)	3.10E-07	3.00E-07	3.30E-07	3.00E-07	2.20E-07	3.30E-07	1.60E-07	1.30E-07
URI (ΔCDF)	-5.20E-07	-5.20E-07	-5.20E-07	-5.20E-07	-5.20E-07	-5.20E-07	-5.00E-07	-5.00E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.10E-07	-2.20E-07	-1.90E-07	-2.20E-07	-3.00E-07	-1.90E-07	-3.40E-07	-3.70E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



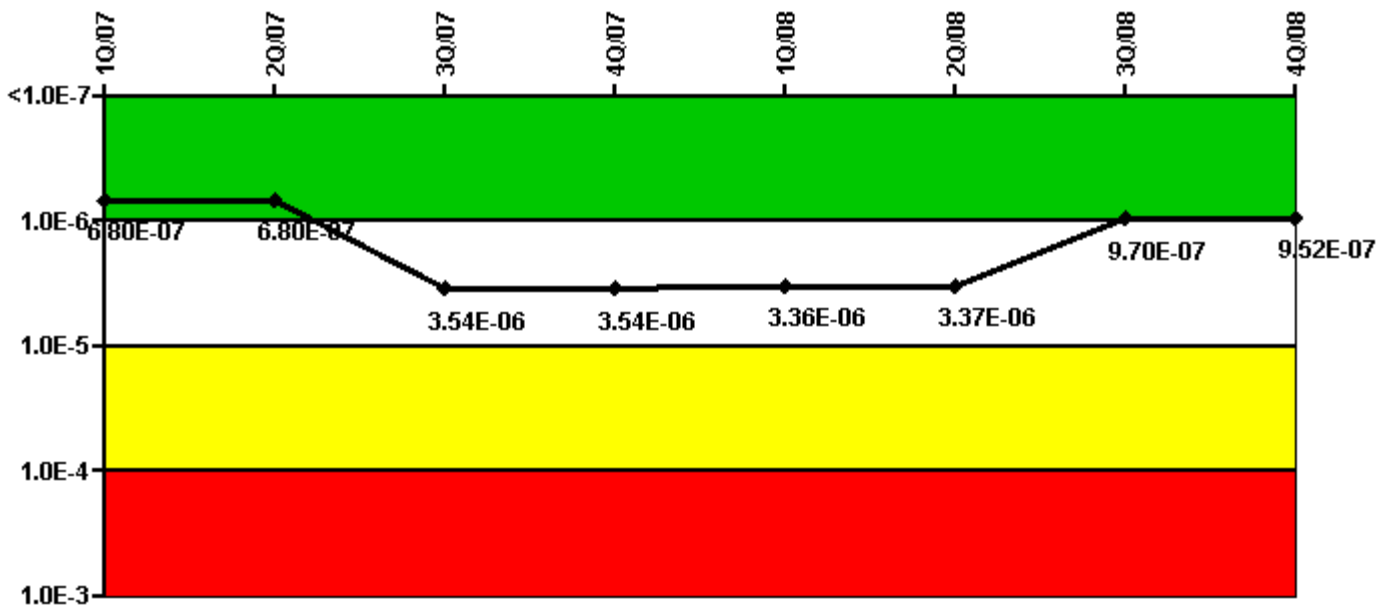
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI (ΔCDF)	1.60E-07	2.20E-07	2.80E-08	1.50E-07	5.40E-08	8.30E-08	1.20E-07	1.00E-07
URI (ΔCDF)	-2.10E-07	-2.10E-07	-2.10E-07	4.60E-07	4.60E-07	4.60E-07	4.10E-07	4.10E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.00E-08	1.00E-08	-1.82E-07	6.10E-07	5.14E-07	5.43E-07	5.30E-07	5.10E-07

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



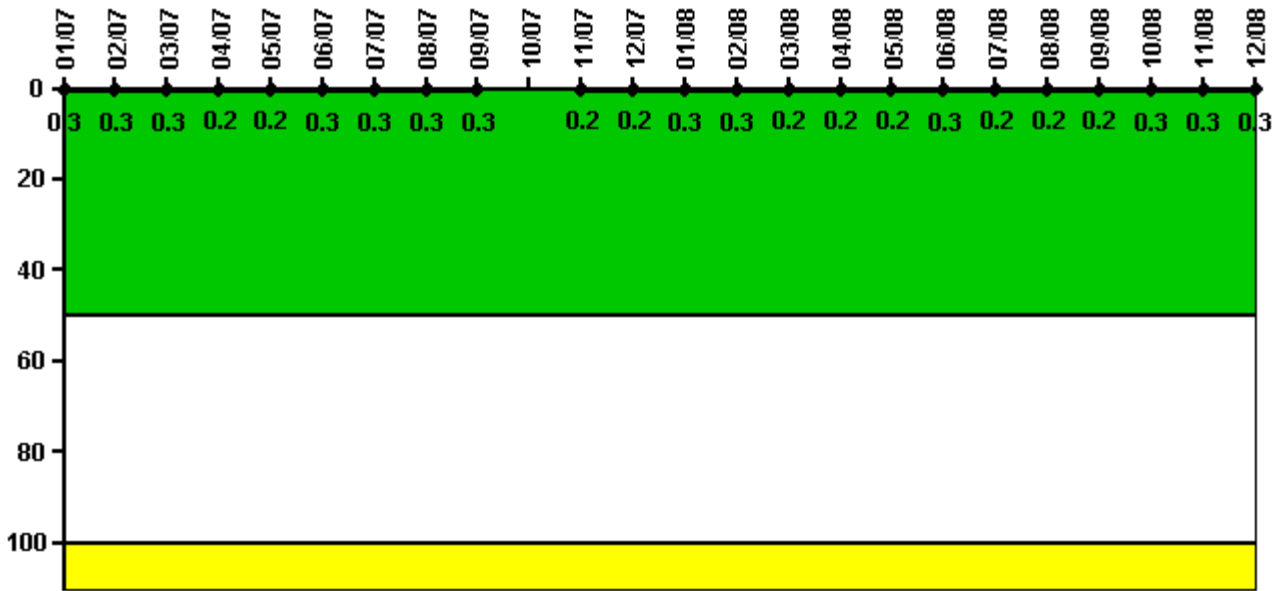
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI (ΔCDF)	2.50E-07	2.50E-07	3.40E-07	3.40E-07	3.60E-07	3.70E-07	4.00E-08	2.20E-08
URI (ΔCDF)	4.30E-07	4.30E-07	3.20E-06	3.20E-06	3.00E-06	3.00E-06	9.30E-07	9.30E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	6.80E-07	6.80E-07	3.54E-06	3.54E-06	3.36E-06	3.37E-06	9.70E-07	9.52E-07

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

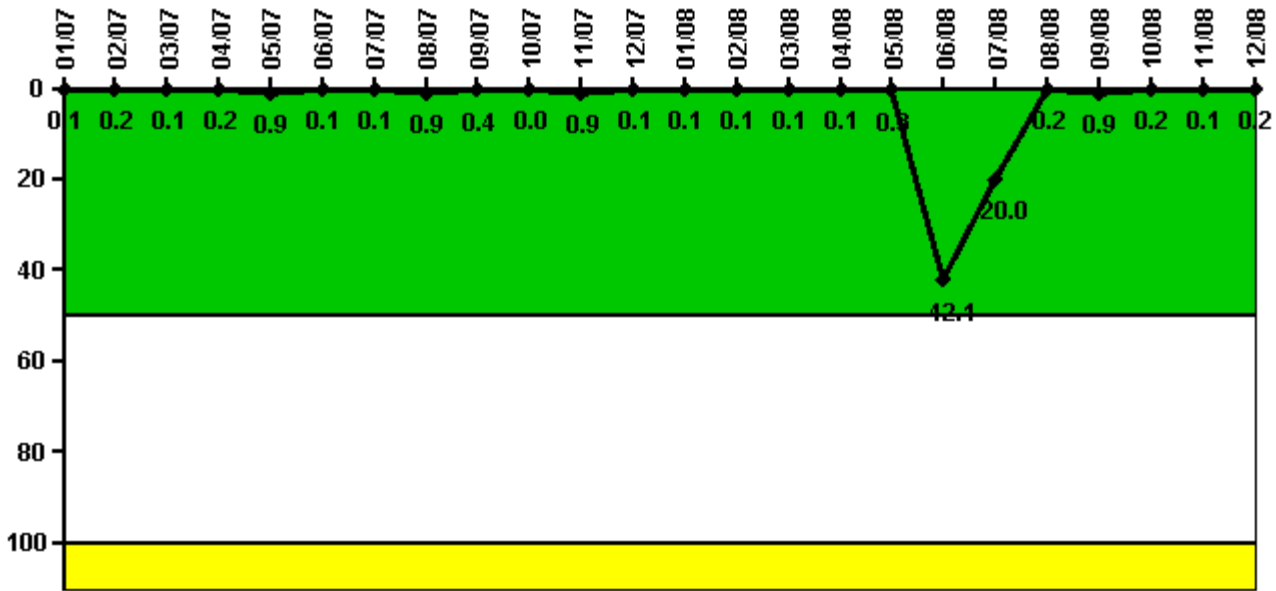
Notes

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	0.001404	0.001526	0.001532	0.001129	0.001213	0.001417	0.001607	0.001486	0.001480	N/A	0.000917	0.001003
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.3	N/A	0.2	0.2

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	0.001271	0.001684	0.001040	0.001166	0.001242	0.001619	0.001189	0.001180	0.001170	0.001280	0.001290	0.001530
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.3	0.3	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.3	0.3	0.3

Licensee Comments: none

Reactor Coolant System Leakage



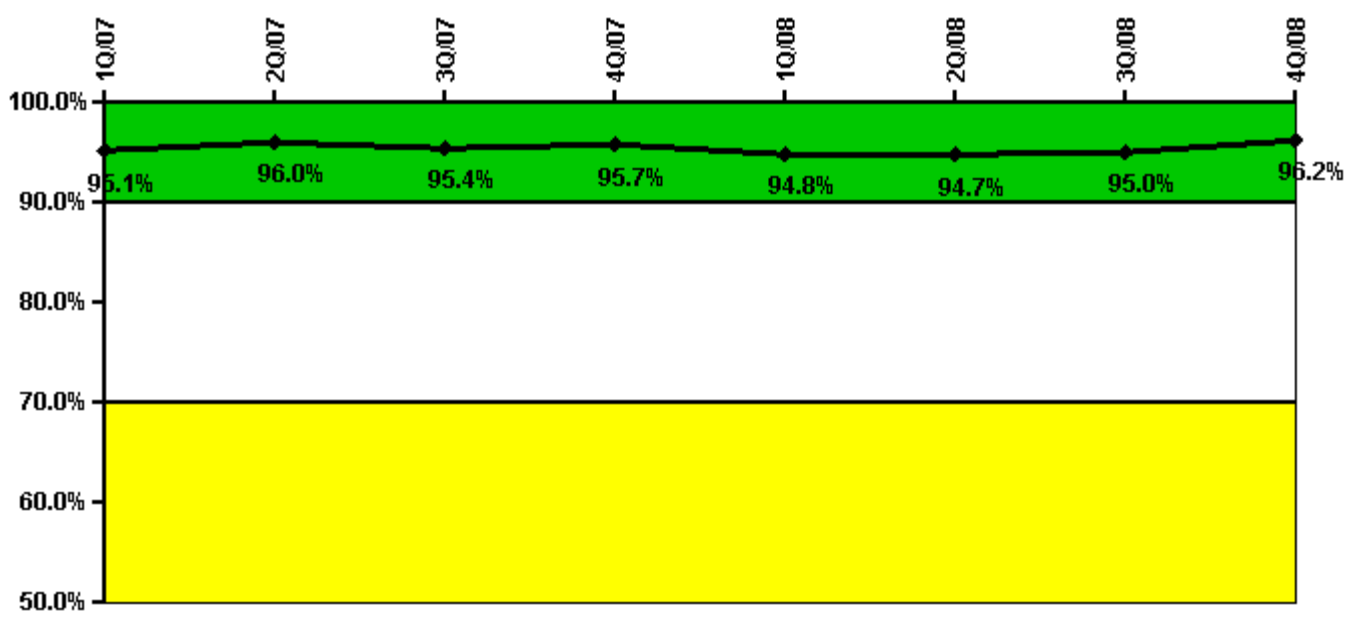
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07
Maximum leakage	0.010	0.020	0.010	0.020	0.090	0.010	0.010	0.090	0.040	0	0.090	0.010
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.2	0.1	0.2	0.9	0.1	0.1	0.9	0.4	0	0.9	0.1
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	0.010	0.010	0.010	0.010	0.030	42.10	20.00	0.020	0.090	0.020	0.010	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	0.3	42.1	20.0	0.2	0.9	0.2	0.1	0.2

Licensee Comments: none

Drill/Exercise Performance



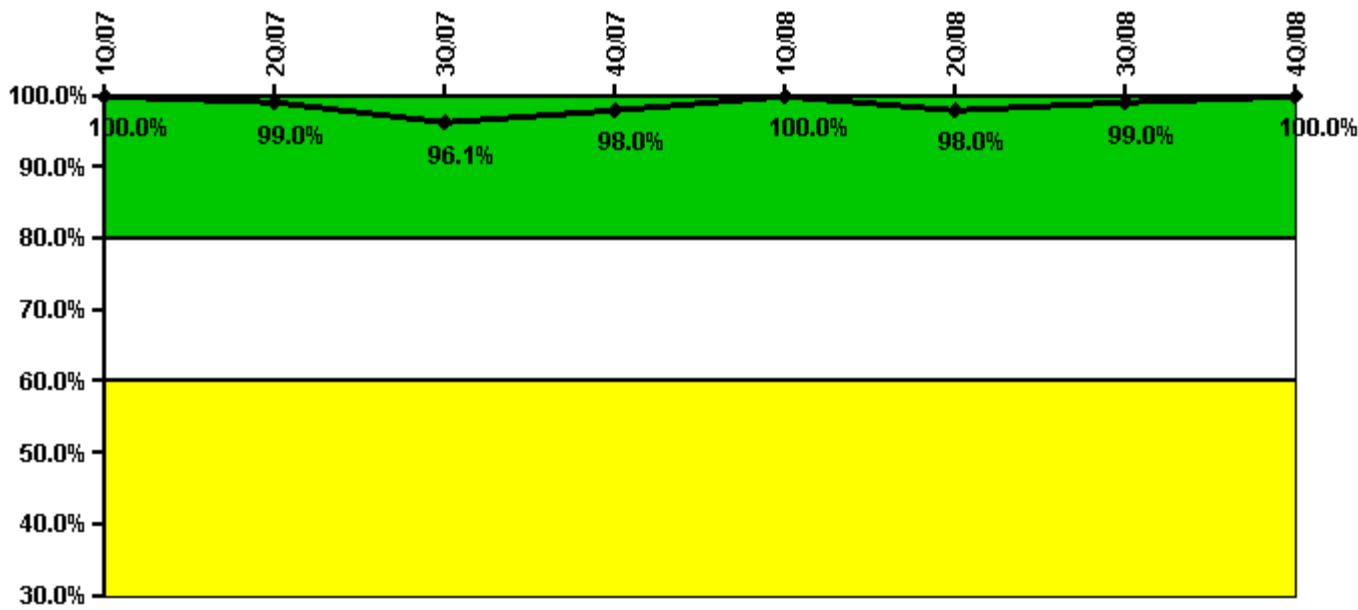
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Successful opportunities	28.0	8.0	12.0	14.0	57.0	19.0	27.0	13.0
Total opportunities	28.0	8.0	12.0	14.0	62.0	20.0	28.0	13.0
Indicator value	95.1%	96.0%	95.4%	95.7%	94.8%	94.7%	95.0%	96.2%

Licensee Comments: none

ERO Drill Participation



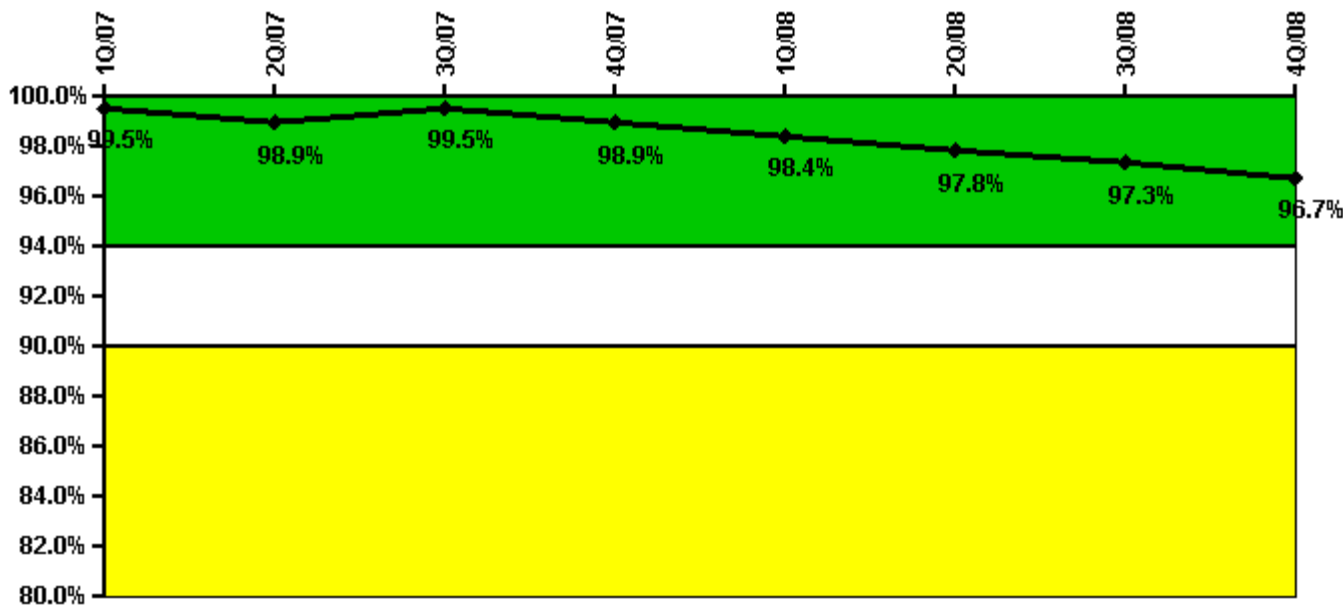
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Participating Key personnel	109.0	101.0	99.0	100.0	103.0	99.0	98.0	107.0
Total Key personnel	109.0	102.0	103.0	102.0	103.0	101.0	99.0	107.0
Indicator value	100.0%	99.0%	96.1%	98.0%	100.0%	98.0%	99.0%	100.0%

Licensee Comments: none

Alert & Notification System



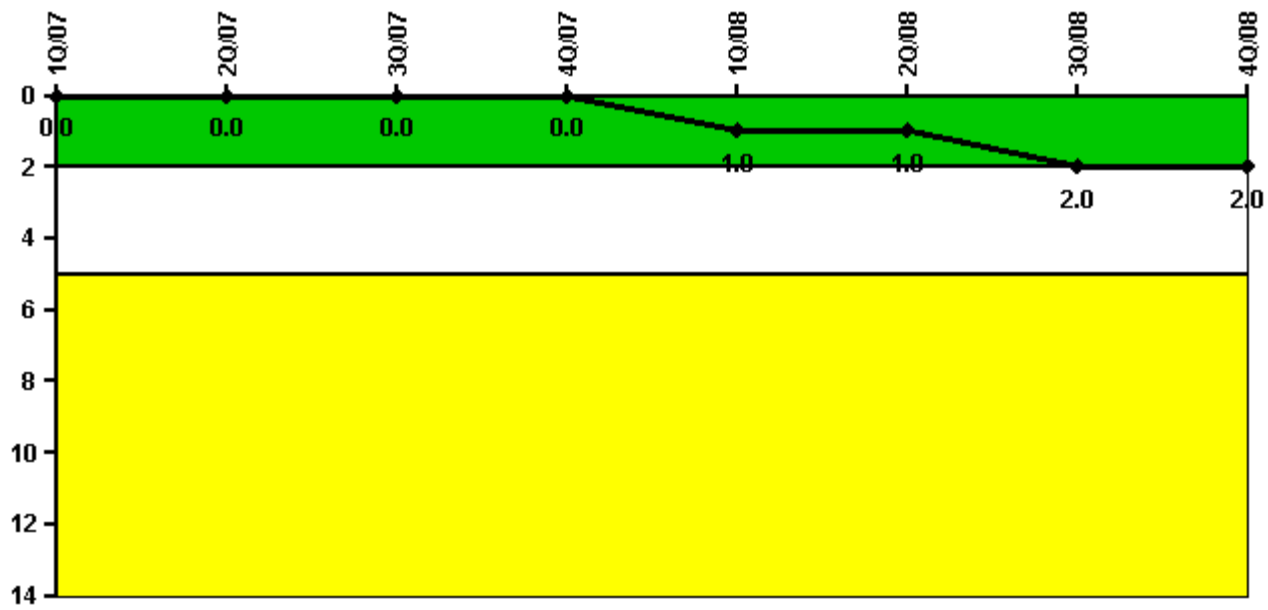
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Successful siren-tests	48	47	45	47	44	43	44	46
Total sirens-tests	48	48	45	48	45	45	45	48
Indicator value	99.5%	98.9%	99.5%	98.9%	98.4%	97.8%	97.3%	96.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



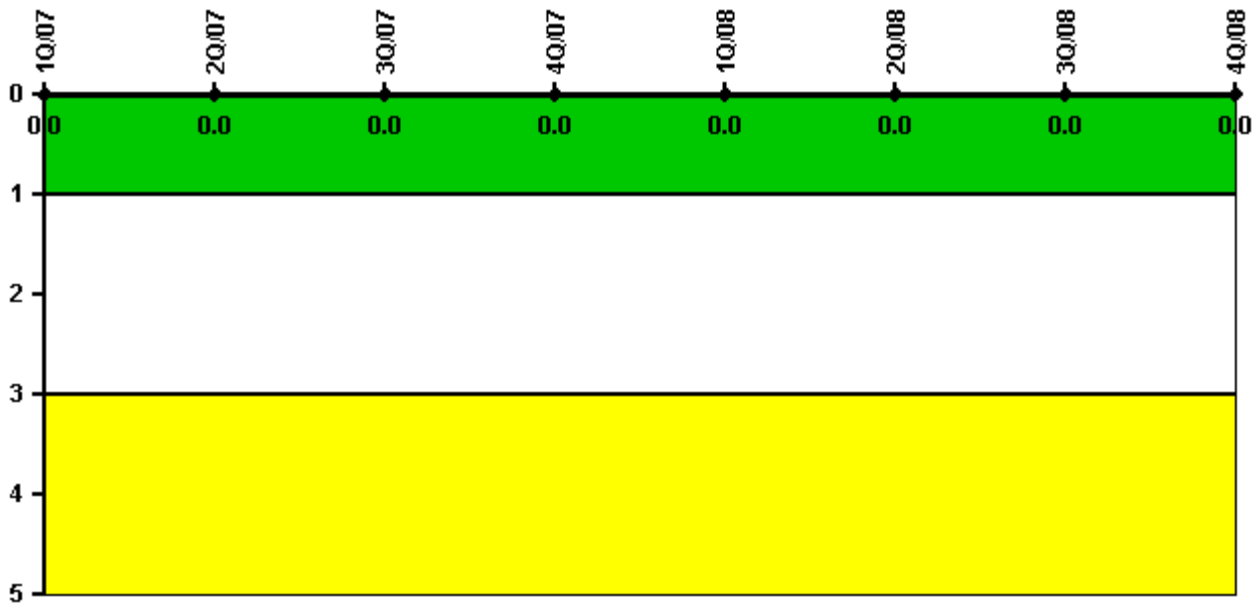
Thresholds: White > 2.0 Yellow > 5.0

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	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	1	1	2	2

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

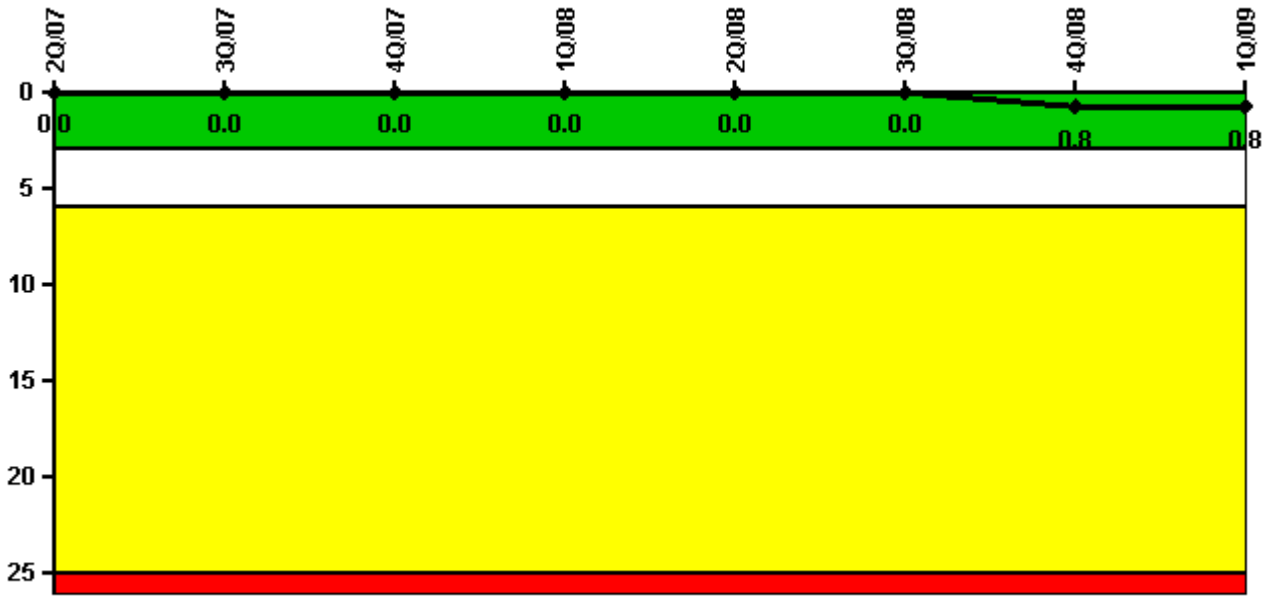
[Security](#) information not publicly available.

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1Q/2009 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



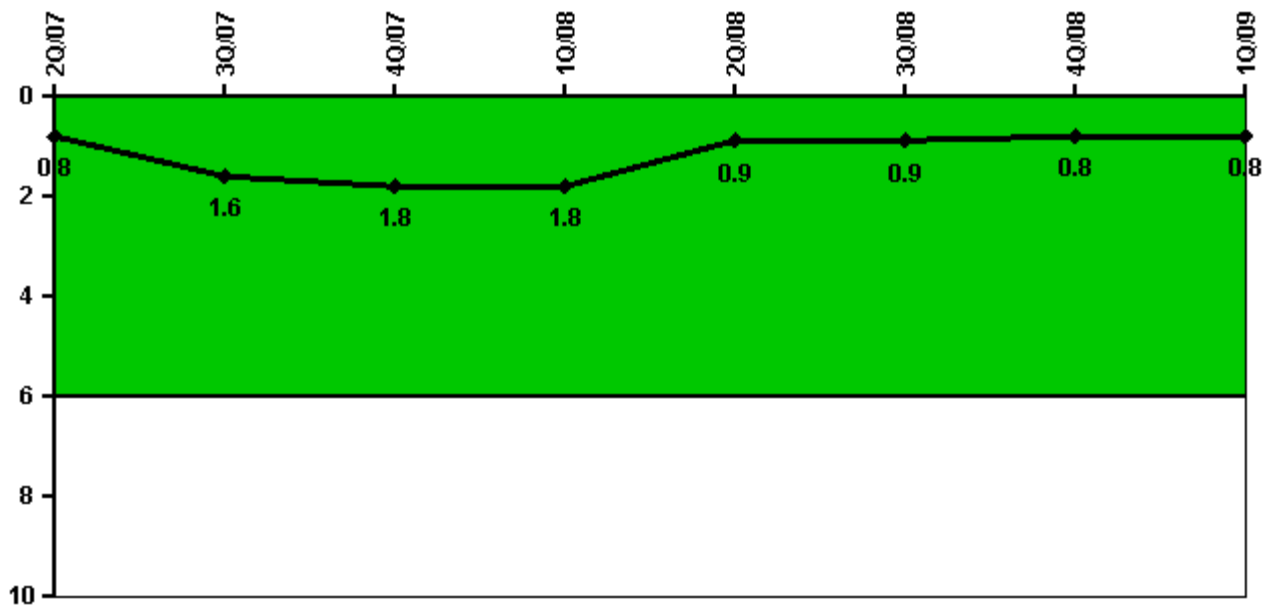
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Unplanned scrams	0	0	0	0	0	0	1.0	0
Critical hours	2184.0	2160.5	1185.6	2183.0	2184.0	2044.8	2187.7	2159.0
Indicator value	0	0	0	0	0	0	0.8	0.8

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



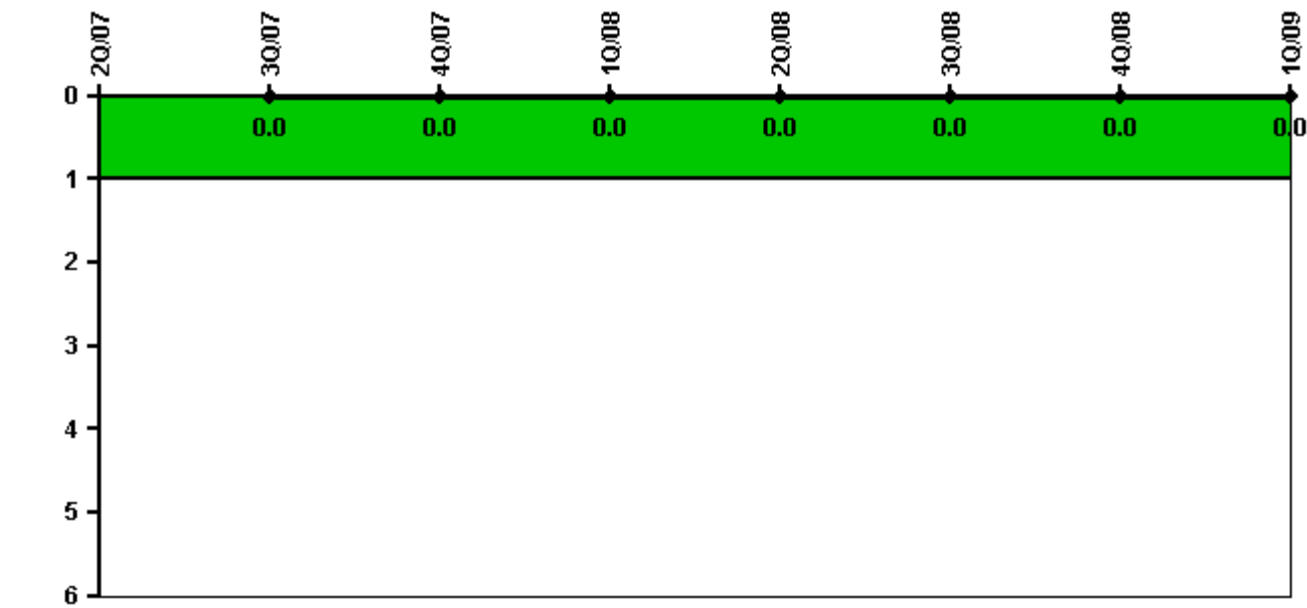
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Unplanned power changes	1.0	1.0	0	0	0	1.0	0	0
Critical hours	2184.0	2160.5	1185.6	2183.0	2184.0	2044.8	2187.7	2159.0
Indicator value	0.8	1.6	1.8	1.8	0.9	0.9	0.8	0.8

Licensee Comments: none

Unplanned Scrams with Complications



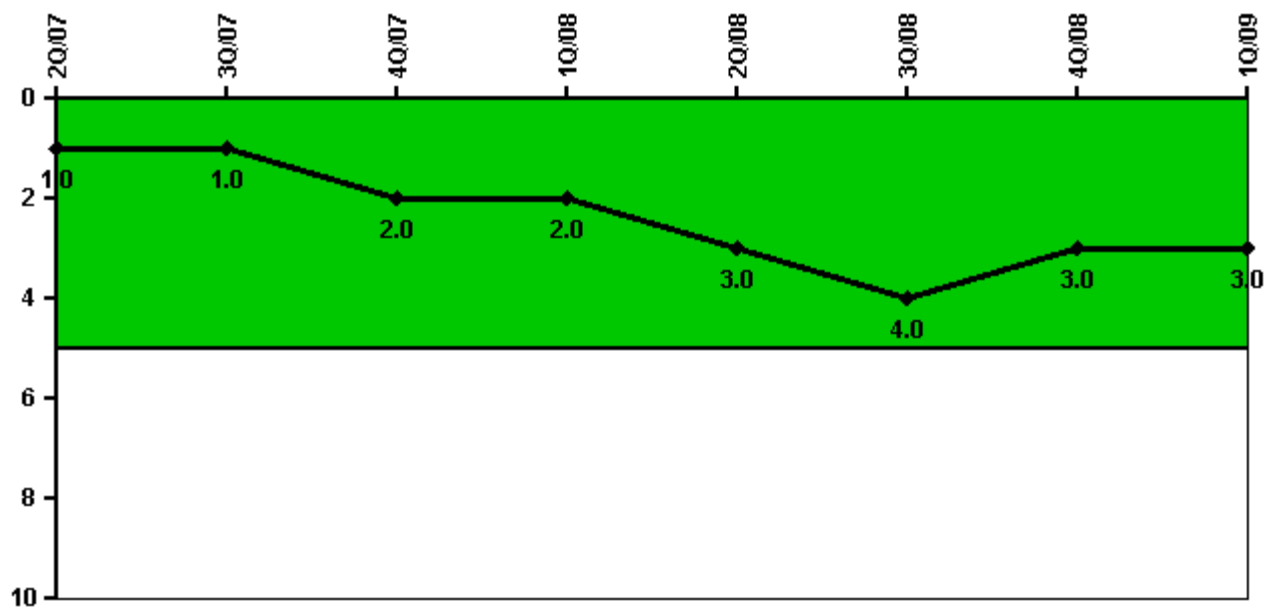
Thresholds: White > 1.0

Notes

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

Licensee Comments: none

Safety System Functional Failures (PWR)



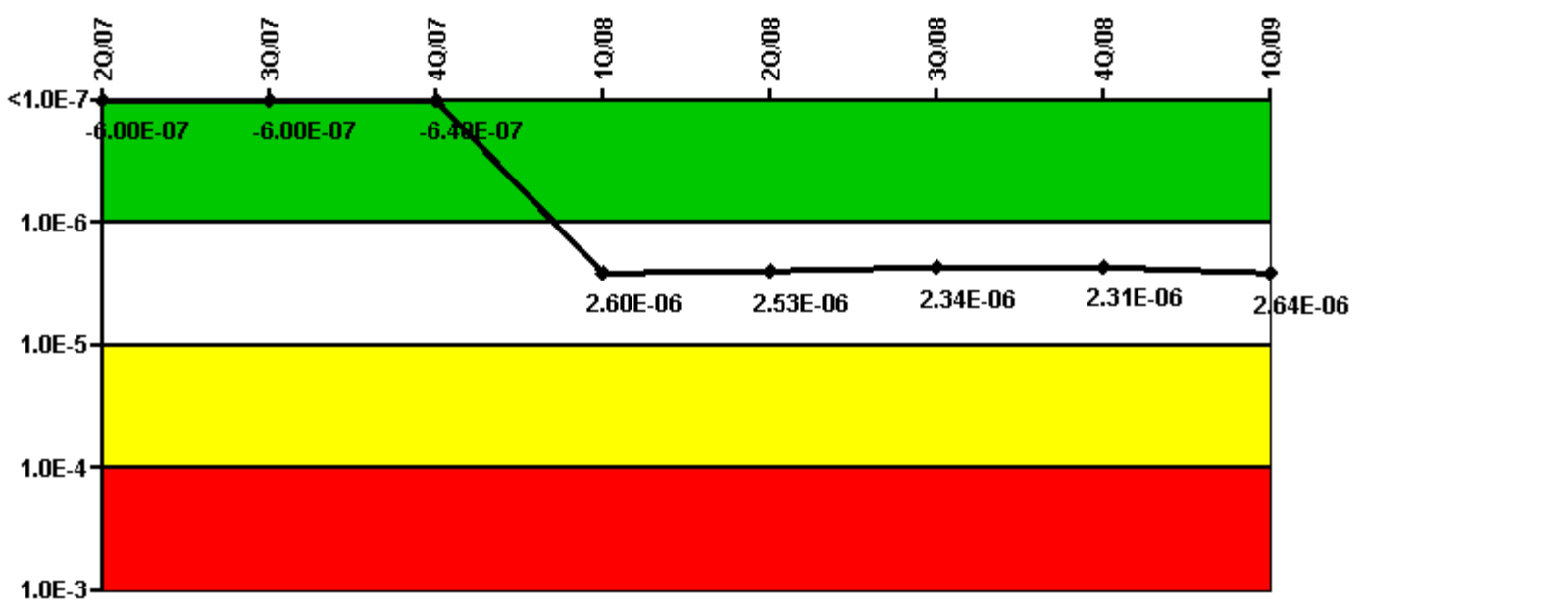
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



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

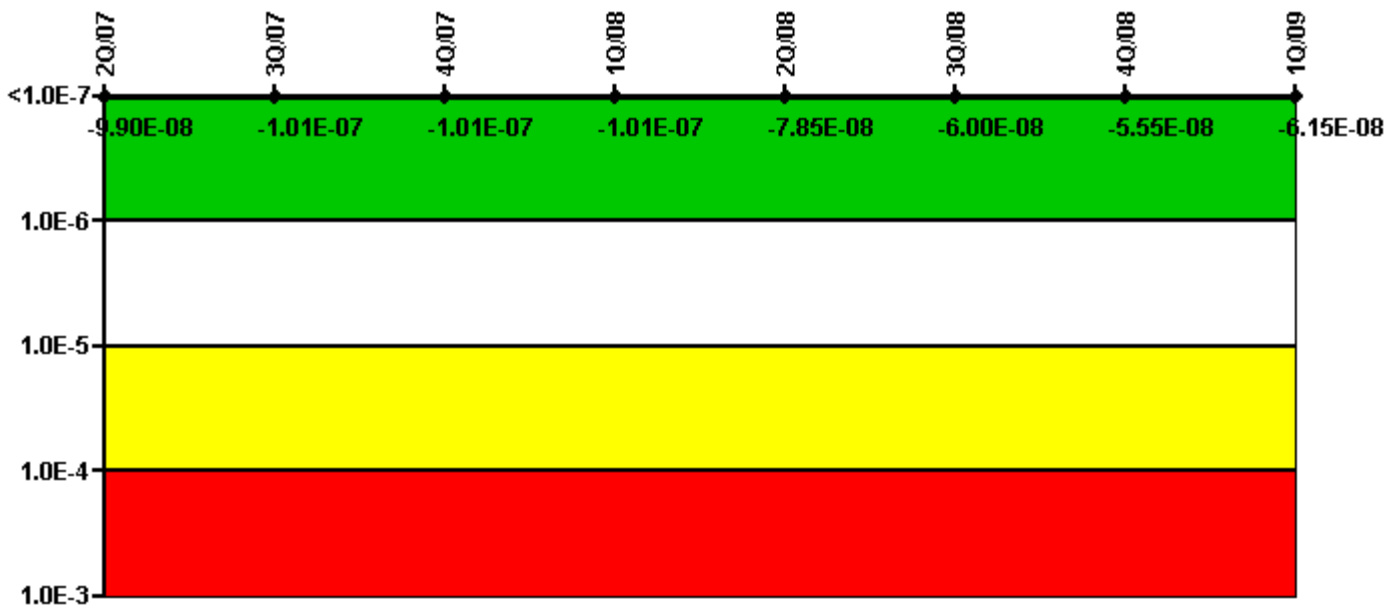
Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI (ΔCDF)	4.00E-07	4.00E-07	3.60E-07	8.00E-07	7.30E-07	3.40E-07	3.10E-07	6.40E-07
URI (ΔCDF)	-1.00E-06	-1.00E-06	-1.00E-06	1.80E-06	1.80E-06	2.00E-06	2.00E-06	2.00E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.00E-07	-6.00E-07	-6.40E-07	2.60E-06	2.53E-06	2.34E-06	2.31E-06	2.64E-06

Licensee Comments:

1Q/09: Risk Cap Invoked.

Mitigating Systems Performance Index, High Pressure Injection System



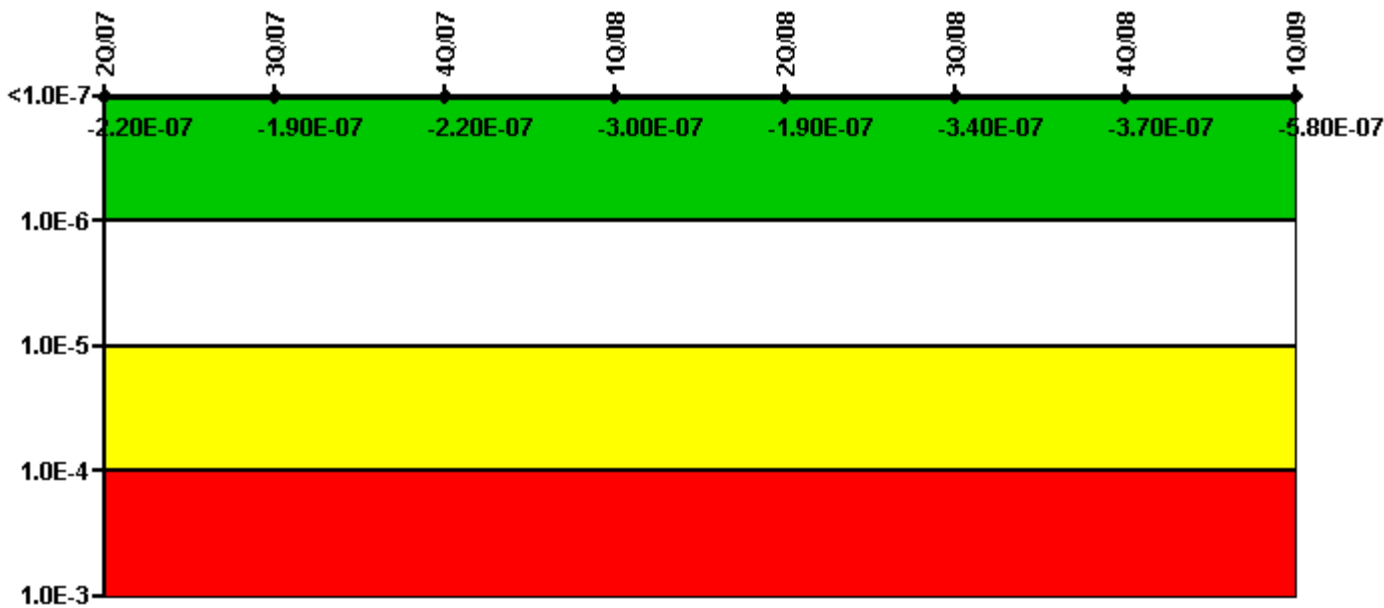
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI (ΔCDF)	-2.90E-08	-3.10E-08	-3.10E-08	-3.10E-08	-8.50E-09	-8.00E-09	-3.50E-09	-9.50E-09
URI (ΔCDF)	-7.00E-08	-7.00E-08	-7.00E-08	-7.00E-08	-7.00E-08	-5.20E-08	-5.20E-08	-5.20E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-9.90E-08	-1.01E-07	-1.01E-07	-1.01E-07	-7.85E-08	-6.00E-08	-5.55E-08	-6.15E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



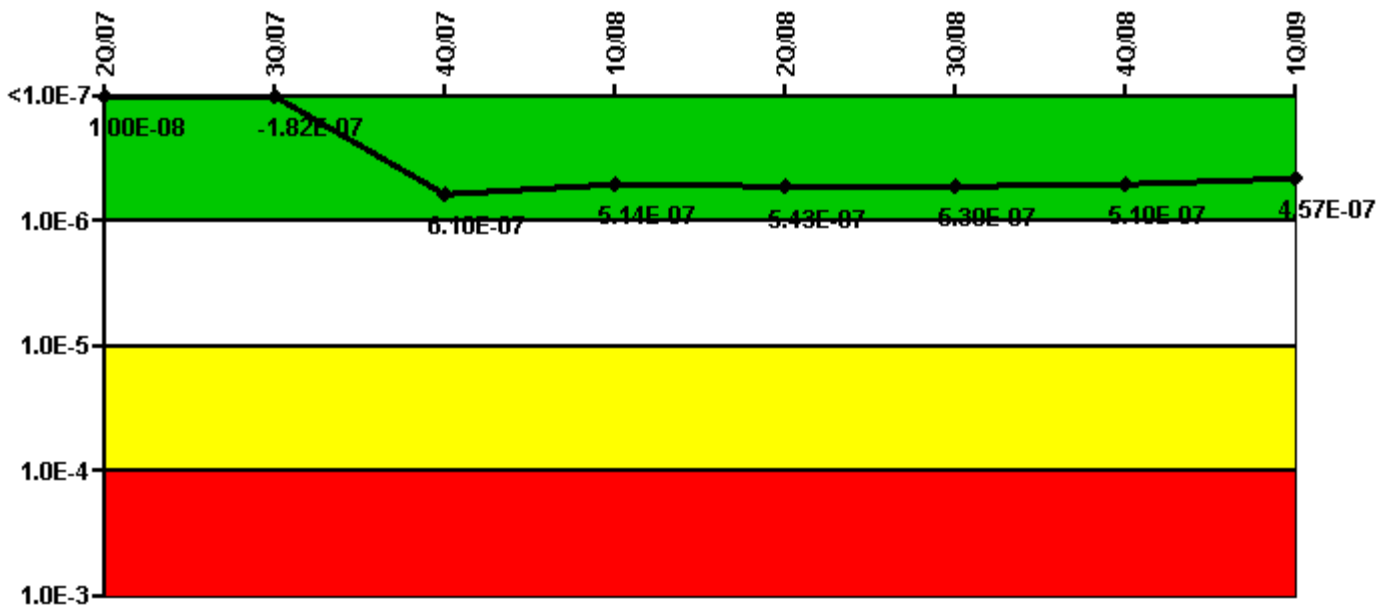
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI (ΔCDF)	3.00E-07	3.30E-07	3.00E-07	2.20E-07	3.30E-07	1.60E-07	1.30E-07	-8.00E-08
URI (ΔCDF)	-5.20E-07	-5.20E-07	-5.20E-07	-5.20E-07	-5.20E-07	-5.00E-07	-5.00E-07	-5.00E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.20E-07	-1.90E-07	-2.20E-07	-3.00E-07	-1.90E-07	-3.40E-07	-3.70E-07	-5.80E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



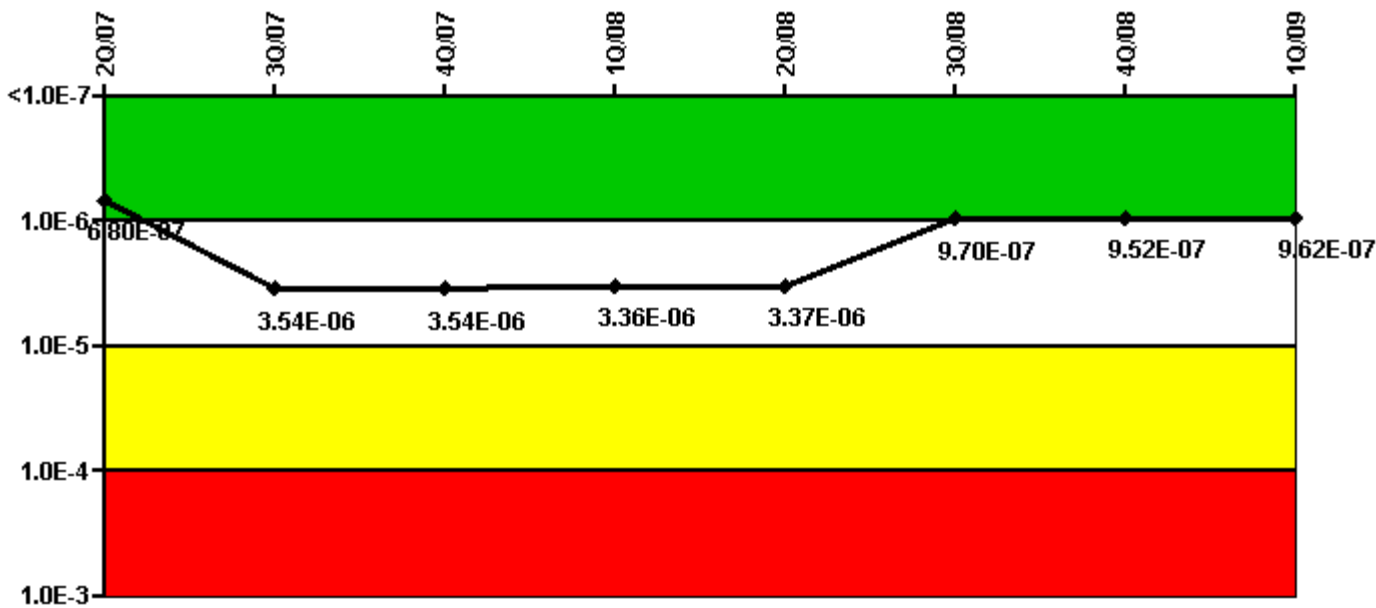
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (ΔCDF)	2.20E-07	2.80E-08	1.50E-07	5.40E-08	8.30E-08	1.20E-07	1.00E-07	4.70E-08
URI (ΔCDF)	-2.10E-07	-2.10E-07	4.60E-07	4.60E-07	4.60E-07	4.10E-07	4.10E-07	4.10E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.00E-08	-1.82E-07	6.10E-07	5.14E-07	5.43E-07	5.30E-07	5.10E-07	4.57E-07

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



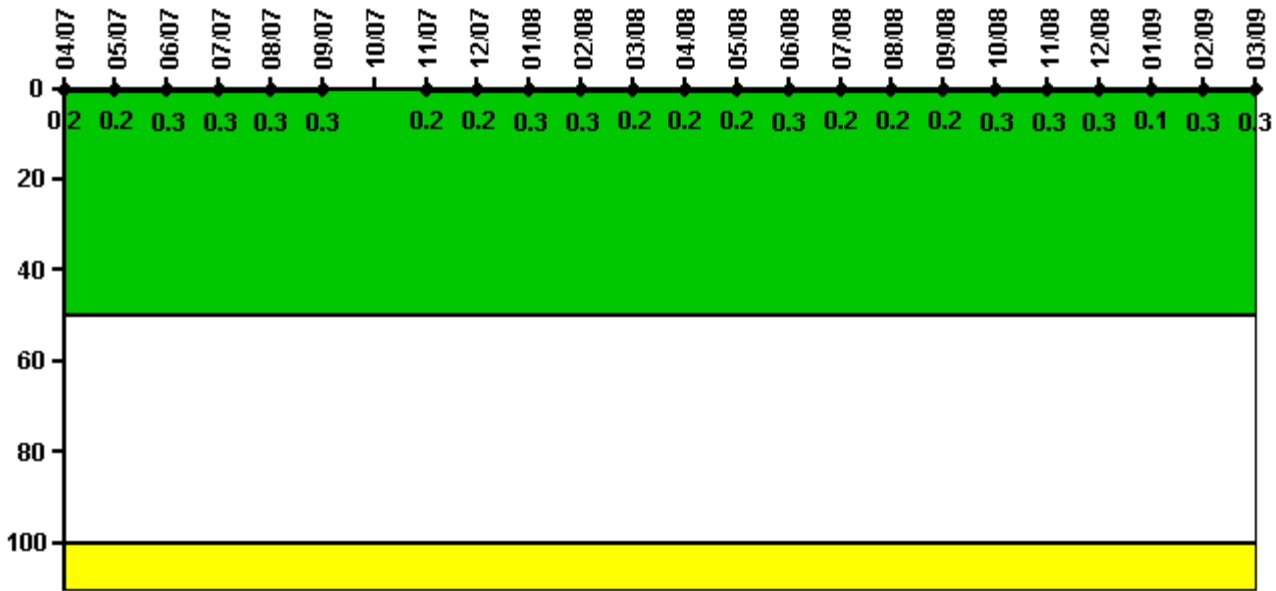
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI (ΔCDF)	2.50E-07	3.40E-07	3.40E-07	3.60E-07	3.70E-07	4.00E-08	2.20E-08	2.20E-08
URI (ΔCDF)	4.30E-07	3.20E-06	3.20E-06	3.00E-06	3.00E-06	9.30E-07	9.30E-07	9.40E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	6.80E-07	3.54E-06	3.54E-06	3.36E-06	3.37E-06	9.70E-07	9.52E-07	9.62E-07

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

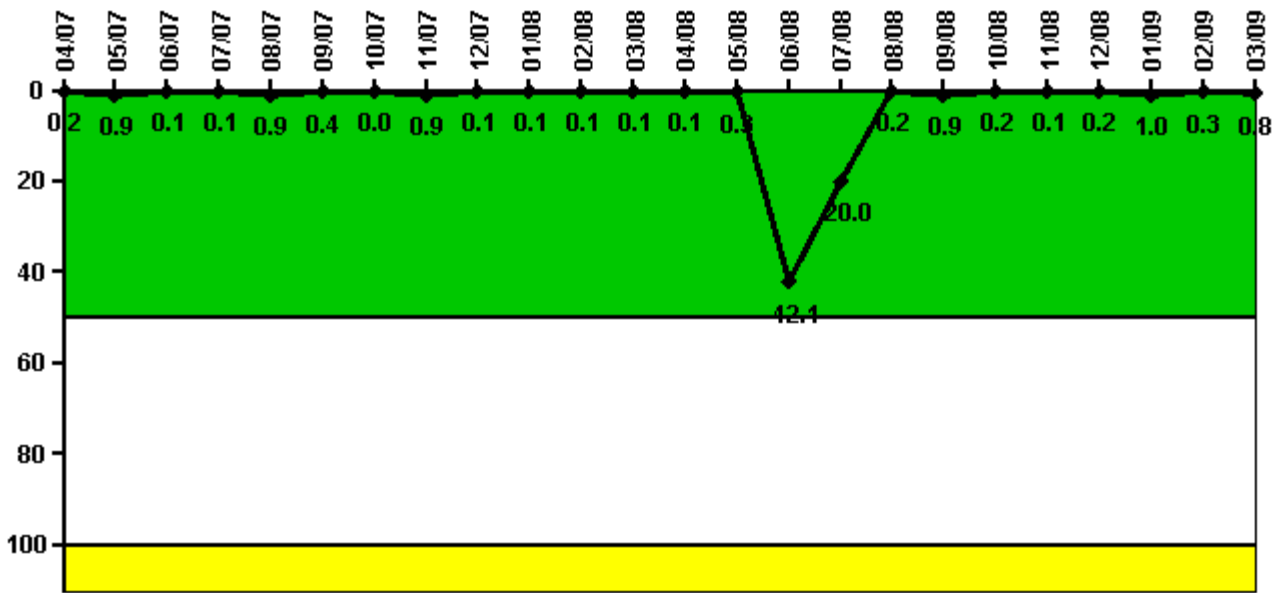
Notes

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	0.001129	0.001213	0.001417	0.001607	0.001486	0.001480	N/A	0.000917	0.001003	0.001271	0.001684	0.001040
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.2	0.2	0.3	0.3	0.3	0.3	N/A	0.2	0.2	0.3	0.3	0.2

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	0.001166	0.001242	0.001619	0.001189	0.001180	0.001170	0.001280	0.001290	0.001530	0.000284	0.001570	0.001590
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.2	0.2	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.1	0.3	0.3

Licensee Comments: none

Reactor Coolant System Leakage



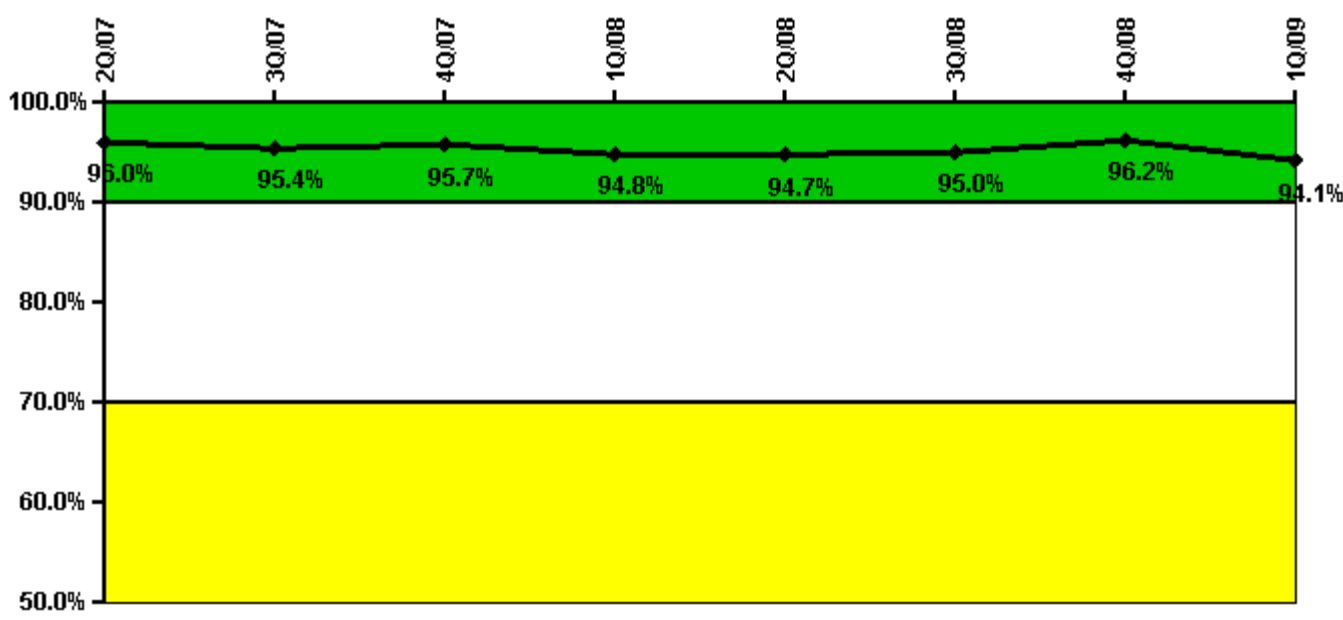
Thresholds: White > 50.0 Yellow > 100.0

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	0.020	0.090	0.010	0.010	0.090	0.040	0	0.090	0.010	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	0.2	0.9	0.1	0.1	0.9	0.4	0	0.9	0.1	0.1	0.1	0.1
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	0.010	0.030	4.210	2.000	0.020	0.090	0.020	0.010	0.020	0.100	0.030	0.080
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.3	42.1	20.0	0.2	0.9	0.2	0.1	0.2	1.0	0.3	0.8

Licensee Comments: none

Drill/Exercise Performance



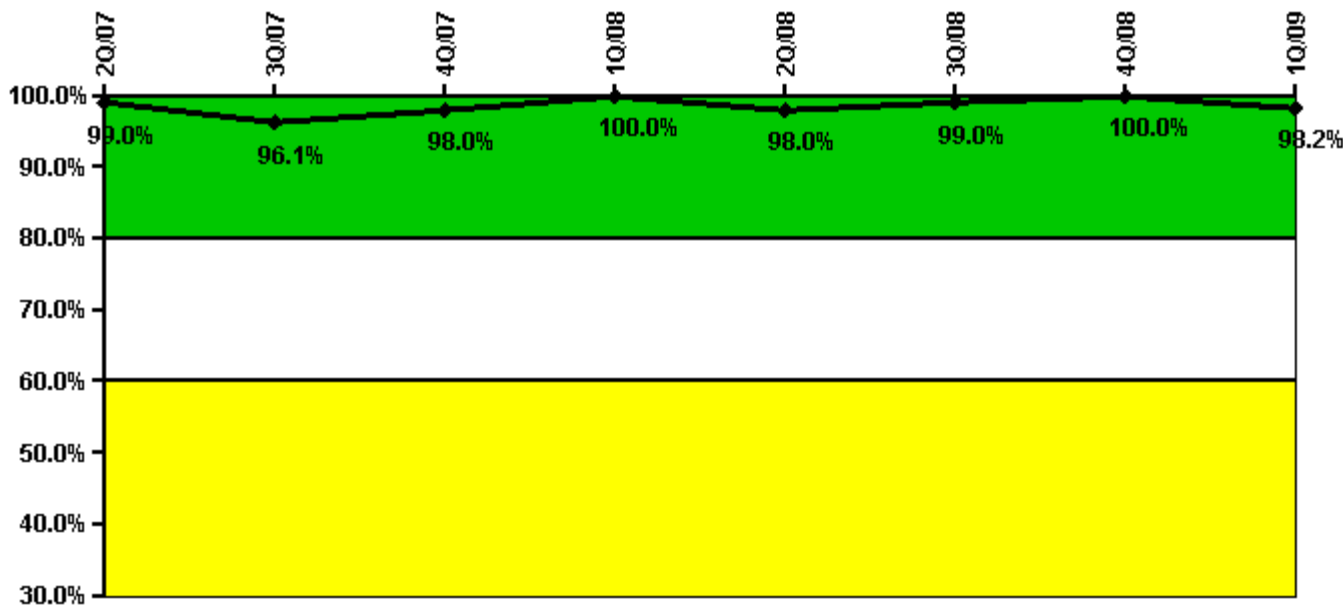
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Successful opportunities	8.0	12.0	14.0	57.0	19.0	27.0	13.0	25.0
Total opportunities	8.0	12.0	14.0	62.0	20.0	28.0	13.0	29.0
Indicator value	96.0%	95.4%	95.7%	94.8%	94.7%	95.0%	96.2%	94.1%

Licensee Comments: none

ERO Drill Participation



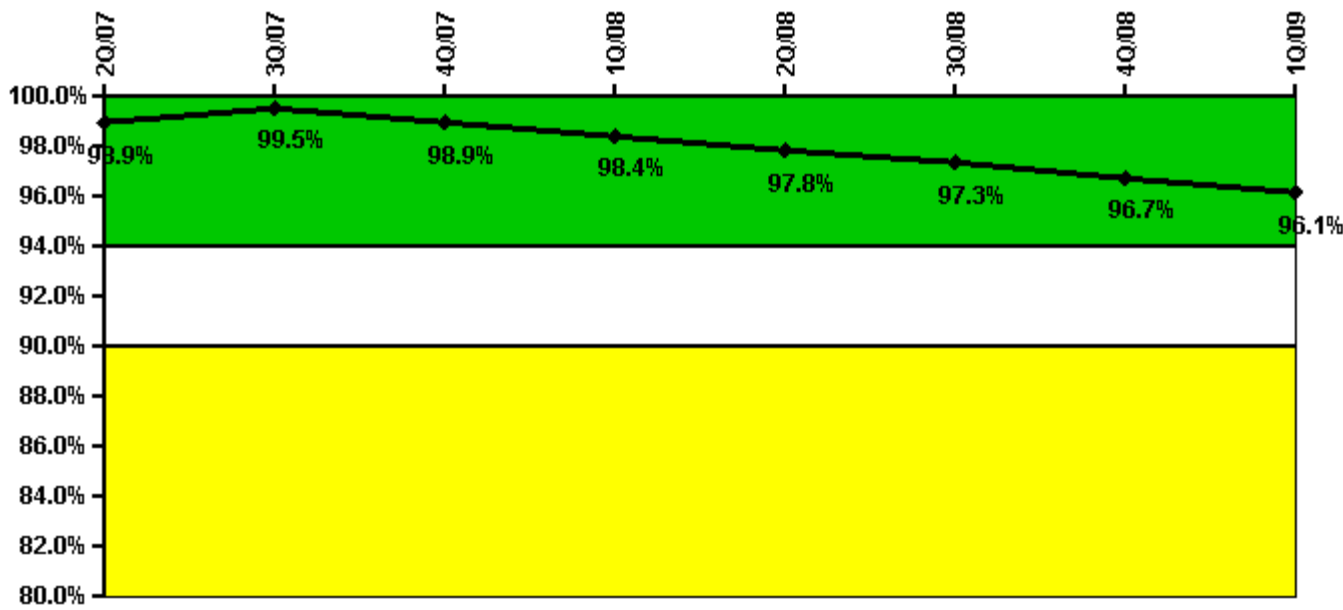
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Participating Key personnel	101.0	99.0	100.0	103.0	99.0	98.0	107.0	107.0
Total Key personnel	102.0	103.0	102.0	103.0	101.0	99.0	107.0	109.0
Indicator value	99.0%	96.1%	98.0%	100.0%	98.0%	99.0%	100.0%	98.2%

Licensee Comments: none

Alert & Notification System



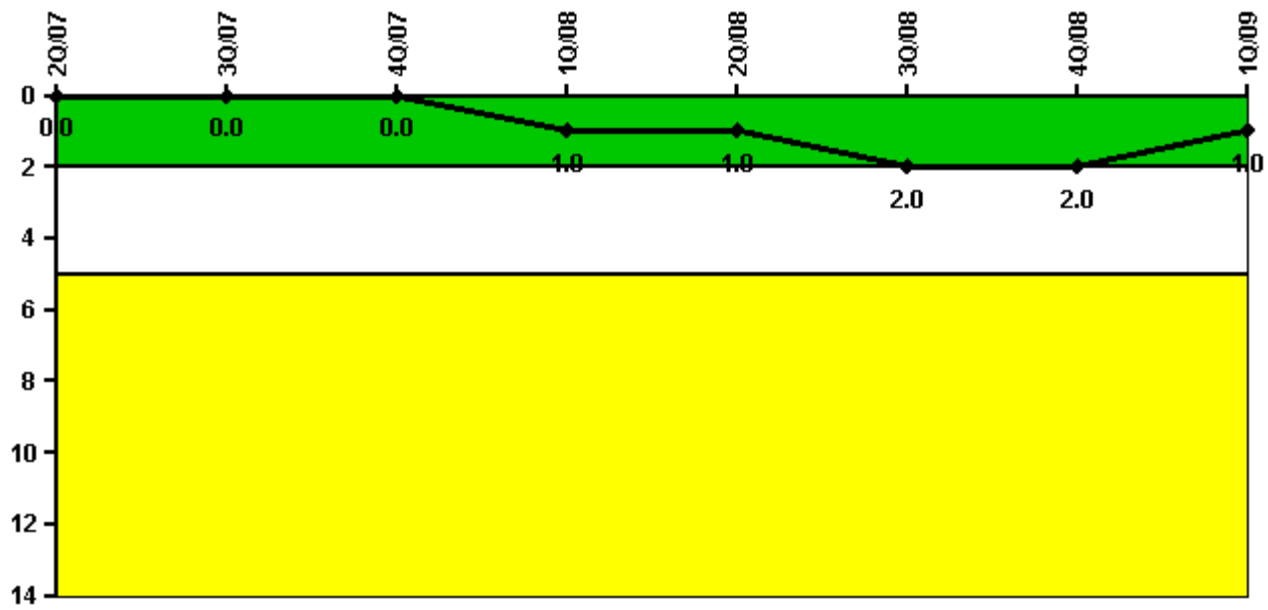
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Successful siren-tests	47	45	47	44	43	44	46	40
Total sirens-tests	48	45	48	45	45	45	48	42
Indicator value	98.9%	99.5%	98.9%	98.4%	97.8%	97.3%	96.7%	96.1%

Licensee Comments: none

Occupational Exposure Control Effectiveness



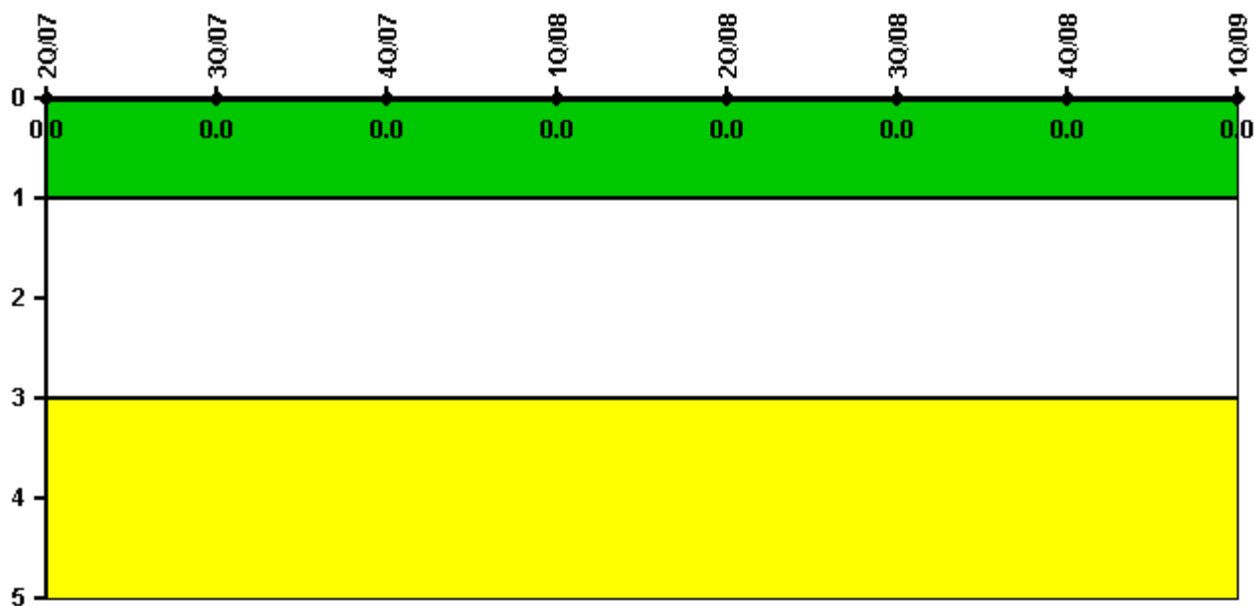
Thresholds: White > 2.0 Yellow > 5.0

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	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	1	1	2	2	1

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

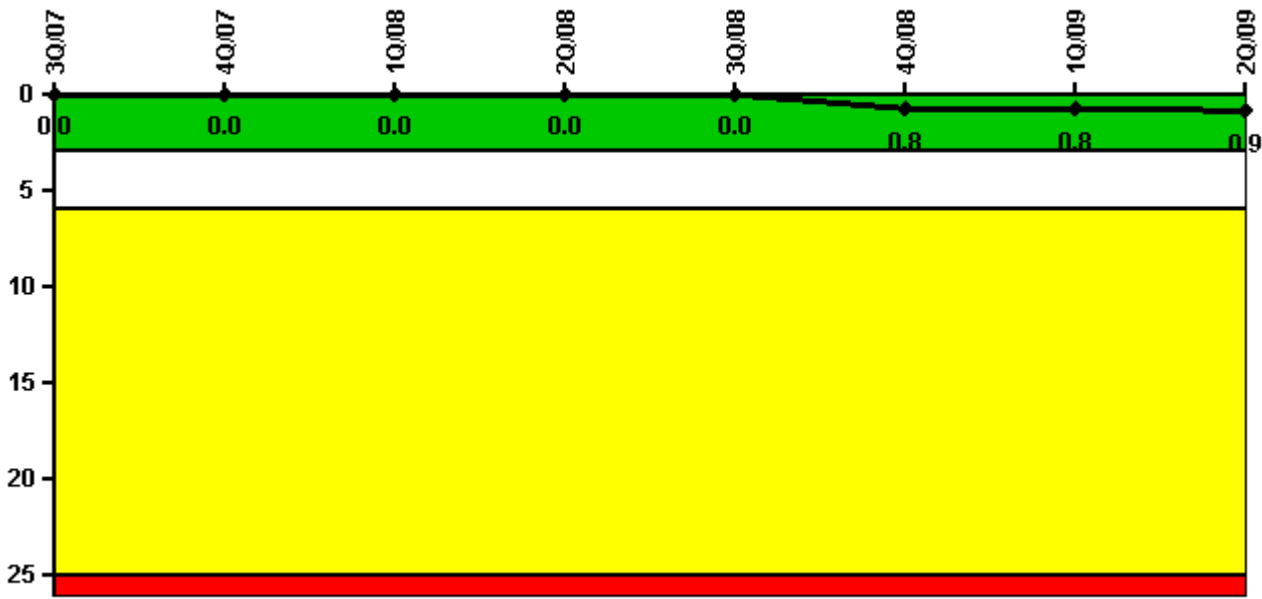
[Security](#) information not publicly available.

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2Q/2009 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



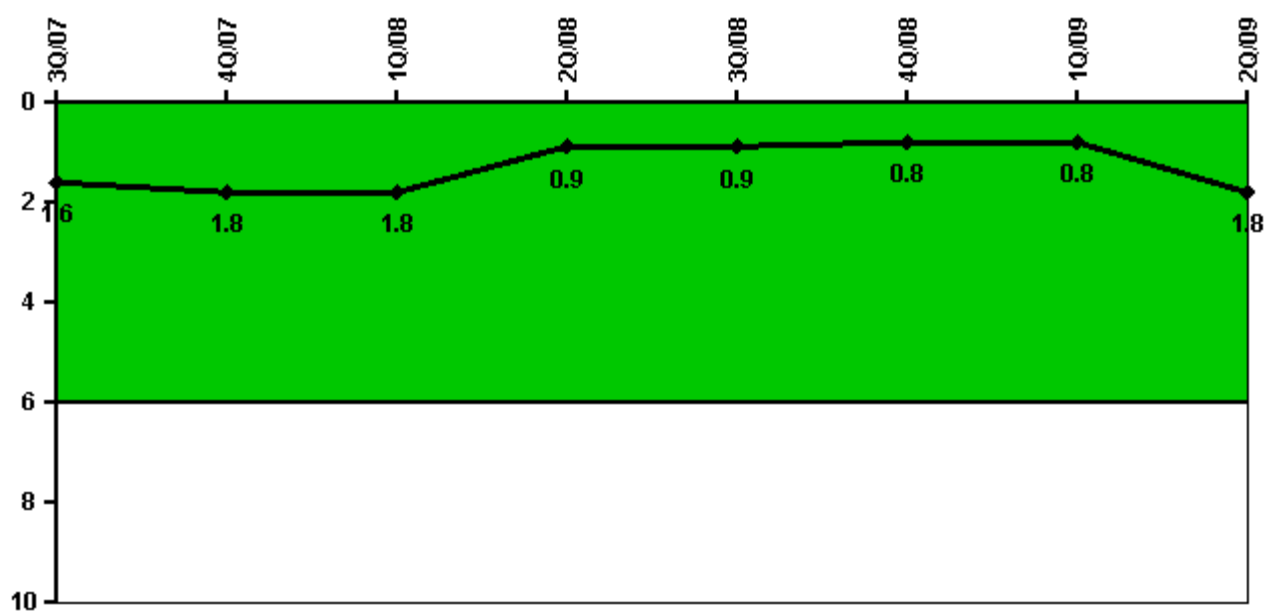
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Unplanned scrams	0	0	0	0	0	1.0	0	0
Critical hours	2160.5	1185.6	2183.0	2184.0	2044.8	2187.7	2159.0	1373.0
Indicator value	0	0	0	0	0	0.8	0.8	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



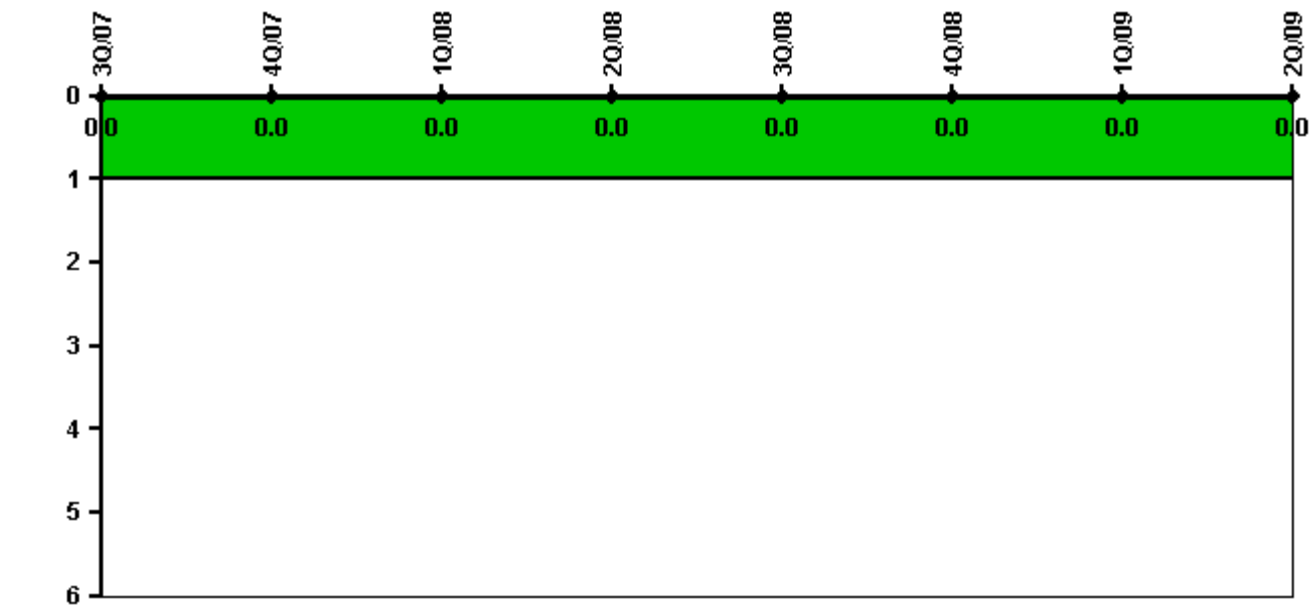
Thresholds: White > 6.0

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	1.0	0	0	0	1.0	0	0	1.0
Critical hours	2160.5	1185.6	2183.0	2184.0	2044.8	2187.7	2159.0	1373.0
Indicator value	1.6	1.8	1.8	0.9	0.9	0.8	0.8	1.8

Licensee Comments: none

Unplanned Scrams with Complications



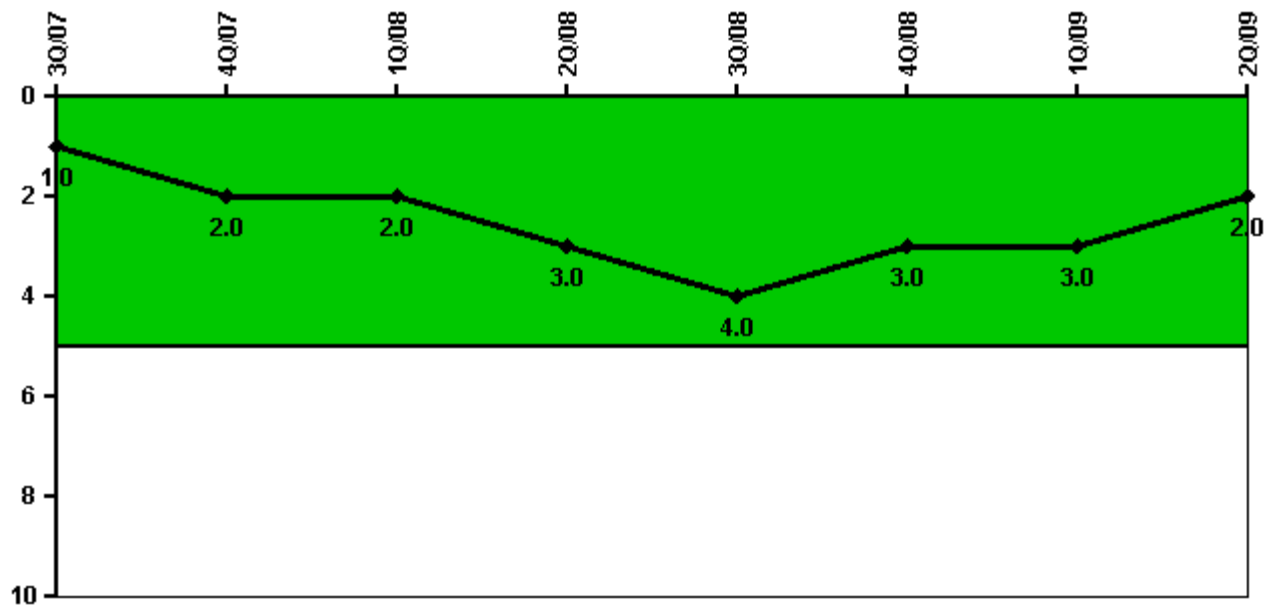
Thresholds: White > 1.0

Notes

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

Licensee Comments: none

Safety System Functional Failures (PWR)



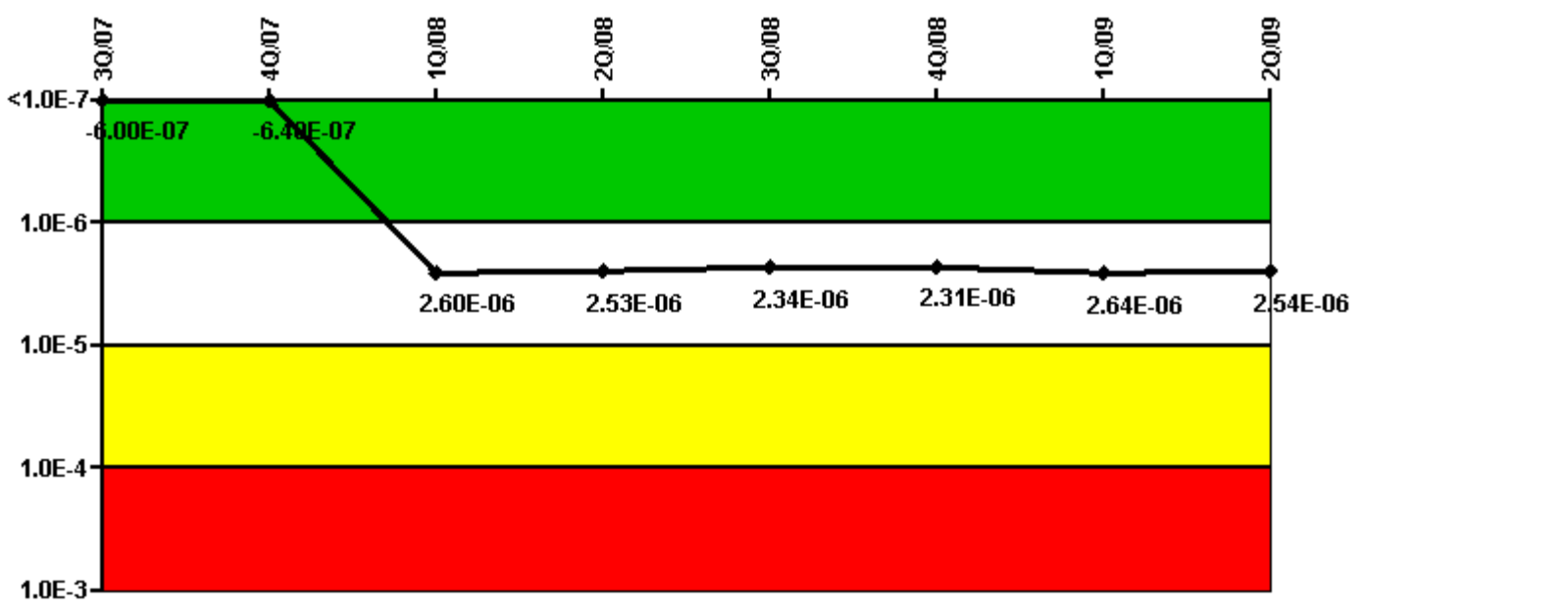
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



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

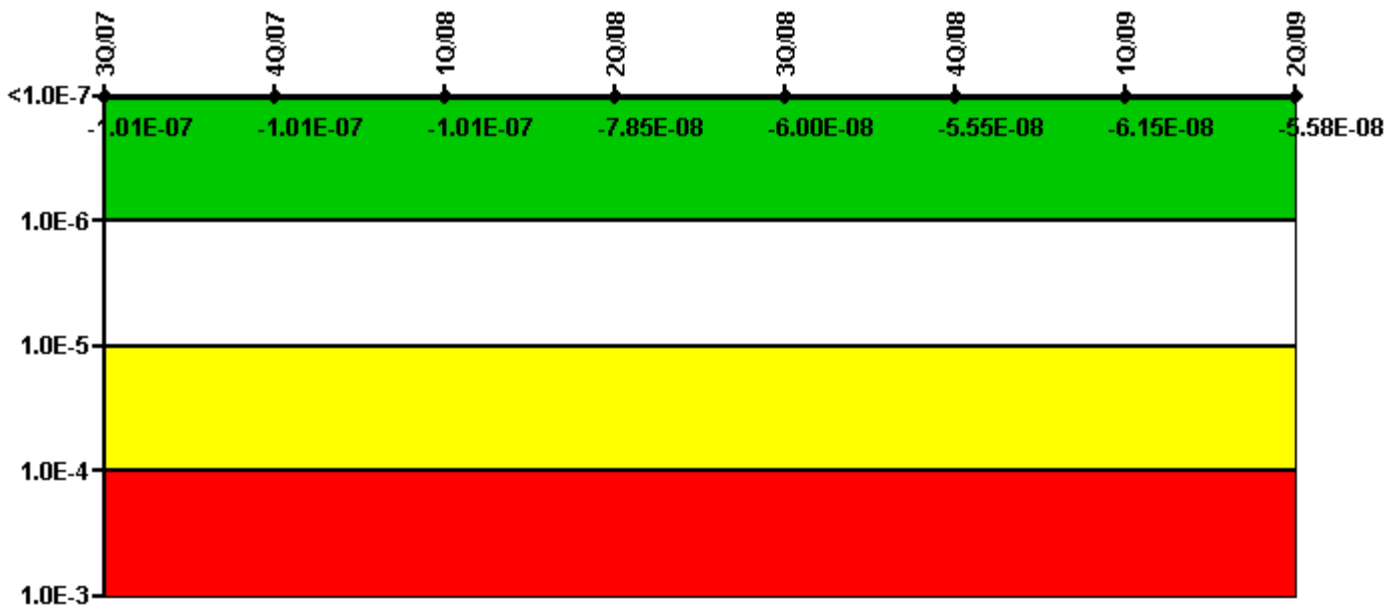
Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
UAI (ΔCDF)	4.00E-07	3.60E-07	8.00E-07	7.30E-07	3.40E-07	3.10E-07	6.40E-07	5.40E-07
URI (ΔCDF)	-1.00E-06	-1.00E-06	1.80E-06	1.80E-06	2.00E-06	2.00E-06	2.00E-06	2.00E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.00E-07	-6.40E-07	2.60E-06	2.53E-06	2.34E-06	2.31E-06	2.64E-06	2.54E-06

Licensee Comments:

2Q/09: Risk Cap Invoked.

Mitigating Systems Performance Index, High Pressure Injection System



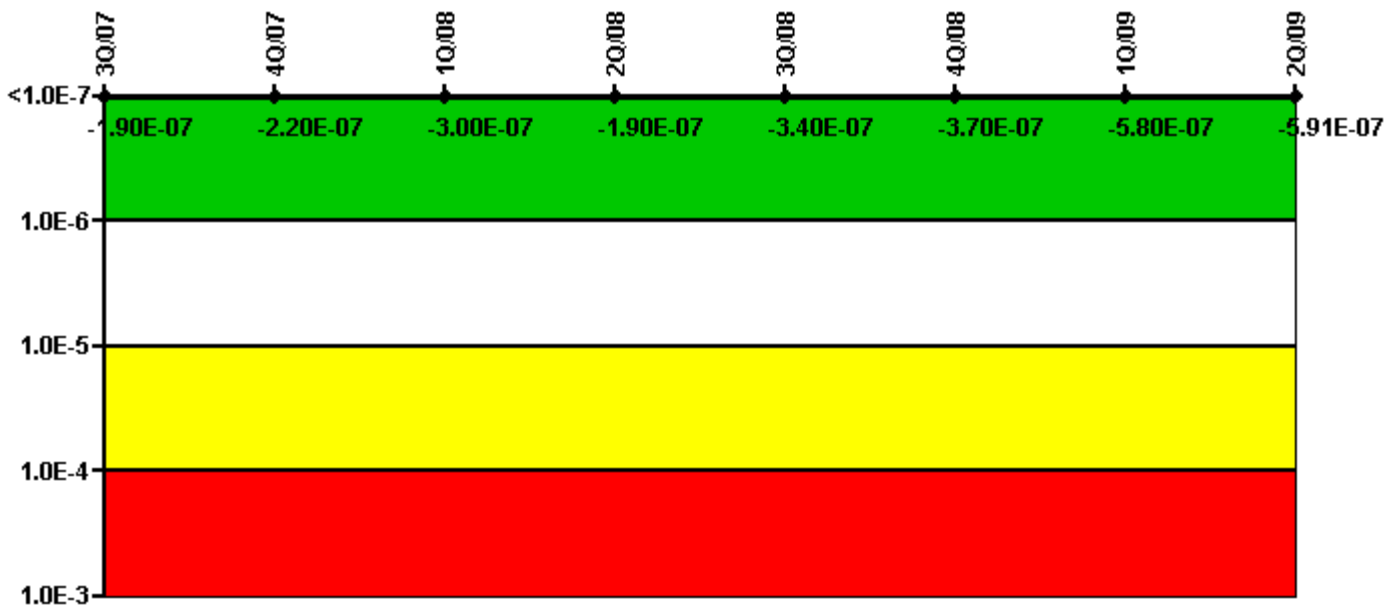
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
UAI (ΔCDF)	-3.10E-08	-3.10E-08	-3.10E-08	-8.50E-09	-8.00E-09	-3.50E-09	-9.50E-09	-3.80E-09
URI (ΔCDF)	-7.00E-08	-7.00E-08	-7.00E-08	-7.00E-08	-5.20E-08	-5.20E-08	-5.20E-08	-5.20E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.01E-07	-1.01E-07	-1.01E-07	-7.85E-08	-6.00E-08	-5.55E-08	-6.15E-08	-5.58E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



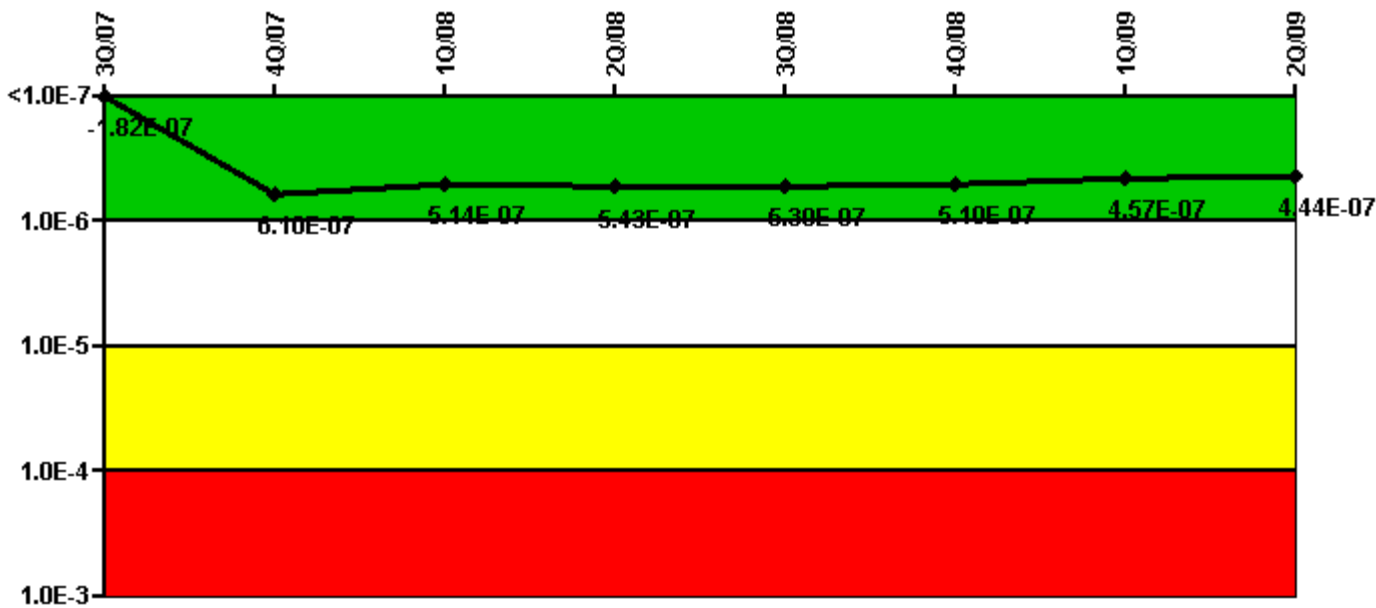
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
UAI (ΔCDF)	3.30E-07	3.00E-07	2.20E-07	3.30E-07	1.60E-07	1.30E-07	-8.00E-08	-9.10E-08
URI (ΔCDF)	-5.20E-07	-5.20E-07	-5.20E-07	-5.20E-07	-5.00E-07	-5.00E-07	-5.00E-07	-5.00E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.90E-07	-2.20E-07	-3.00E-07	-1.90E-07	-3.40E-07	-3.70E-07	-5.80E-07	-5.91E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



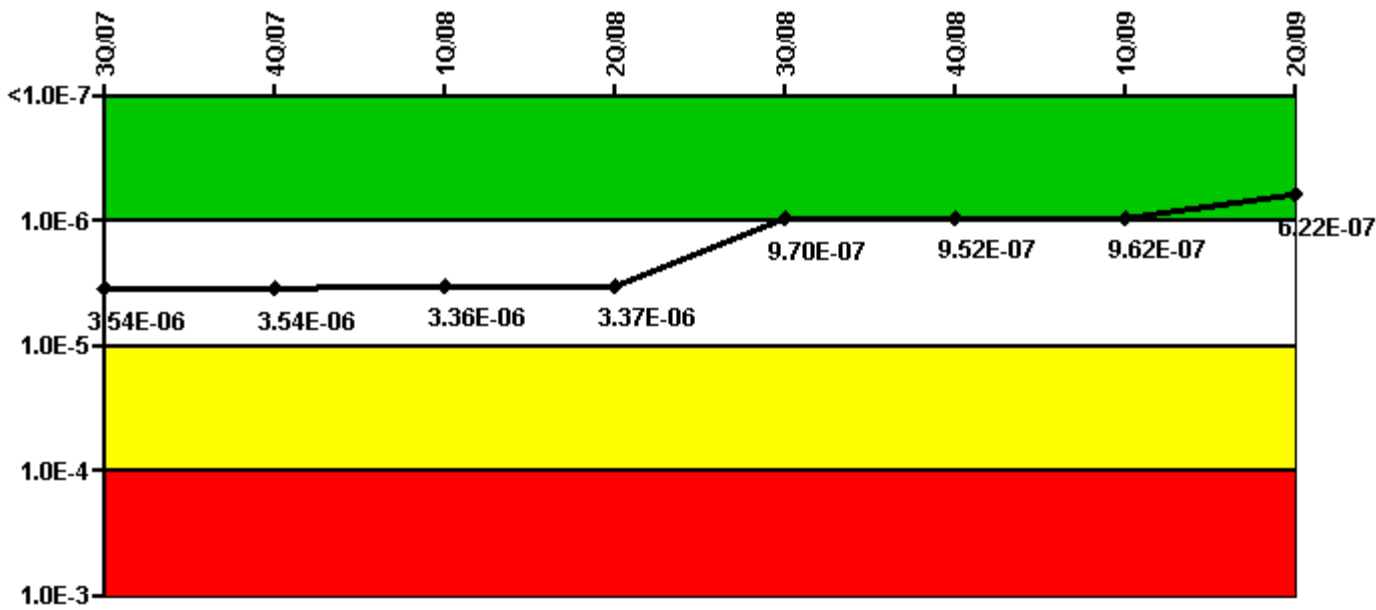
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
UAI (ΔCDF)	2.80E-08	1.50E-07	5.40E-08	8.30E-08	1.20E-07	1.00E-07	4.70E-08	3.40E-08
URI (ΔCDF)	-2.10E-07	4.60E-07	4.60E-07	4.60E-07	4.10E-07	4.10E-07	4.10E-07	4.10E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.82E-07	6.10E-07	5.14E-07	5.43E-07	5.30E-07	5.10E-07	4.57E-07	4.44E-07

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



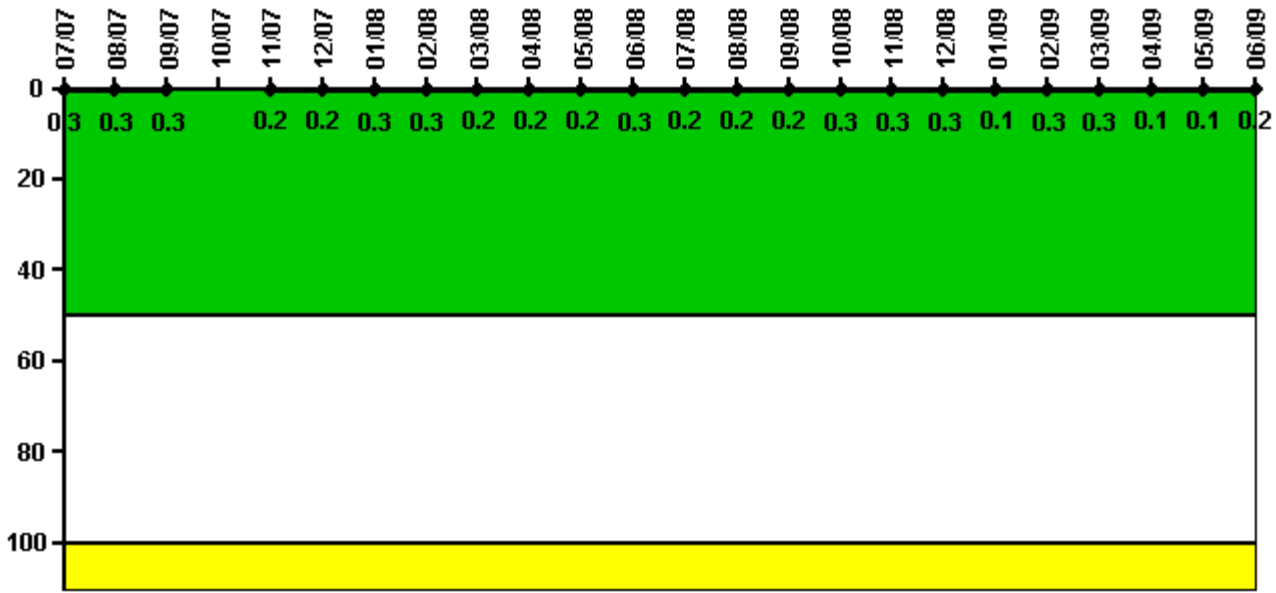
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
UAI (ΔCDF)	3.40E-07	3.40E-07	3.60E-07	3.70E-07	4.00E-08	2.20E-08	2.20E-08	2.20E-08
URI (ΔCDF)	3.20E-06	3.20E-06	3.00E-06	3.00E-06	9.30E-07	9.30E-07	9.40E-07	6.00E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.54E-06	3.54E-06	3.36E-06	3.37E-06	9.70E-07	9.52E-07	9.62E-07	6.22E-07

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

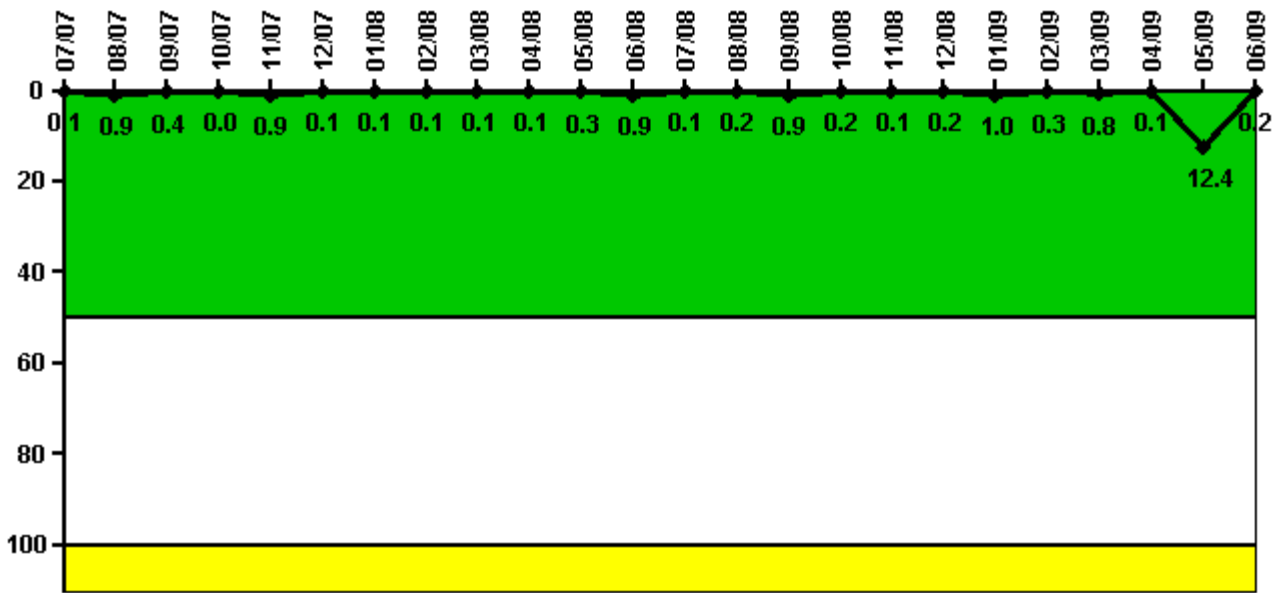
Notes

Reactor Coolant System Activity	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08
Maximum activity	0.001607	0.001486	0.001480	N/A	0.000917	0.001003	0.001271	0.001684	0.001040	0.001166	0.001242	0.001619
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.3	0.3	0.3	N/A	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.3

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	0.001189	0.001180	0.001170	0.001280	0.001290	0.001530	0.000284	0.001570	0.001590	0.000366	0.000692	0.000856
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.2	0.2	0.2	0.3	0.3	0.3	0.1	0.3	0.3	0.1	0.1	0.2

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

Notes

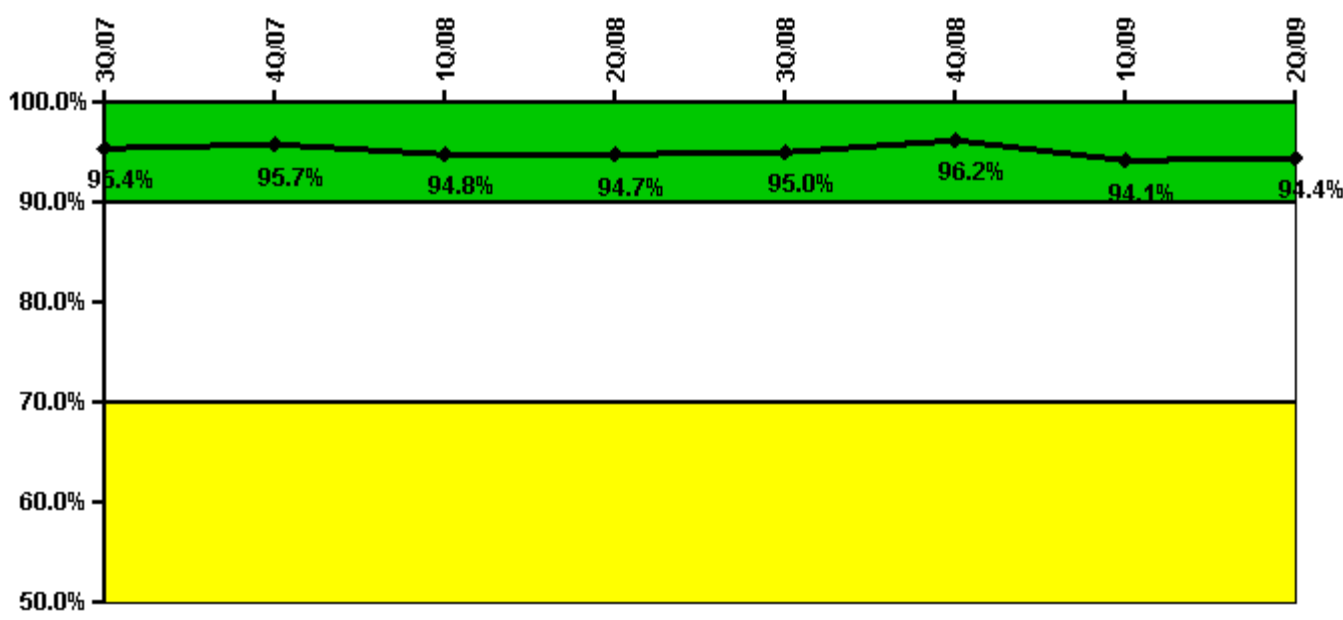
Reactor Coolant System Leakage	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08
Maximum leakage	0.010	0.090	0.040	0	0.090	0.010	0.010	0.010	0.010	0.010	0.030	0.090
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.9	0.4	0	0.9	0.1	0.1	0.1	0.1	0.1	0.3	0.9
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	0.010	0.020	0.090	0.020	0.010	0.020	0.100	0.030	0.080	0.007	1.236	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	0.2	0.9	0.2	0.1	0.2	1.0	0.3	0.8	0.1	12.4	0.2

Licensee Comments:

9/08: RCSL value for July 2008 changed from 2.0 gpm to 0.01 gpm due to leakage being reported that should not have been reported per NEI 99-02. Indicator color is not affected.

6/08: RCSL value for June 2008 changed from 4.21 gpm to 0.09 gpm due to leakage being reported that should not have been reported per NEI 99-02. Indicator color is not affected.

Drill/Exercise Performance



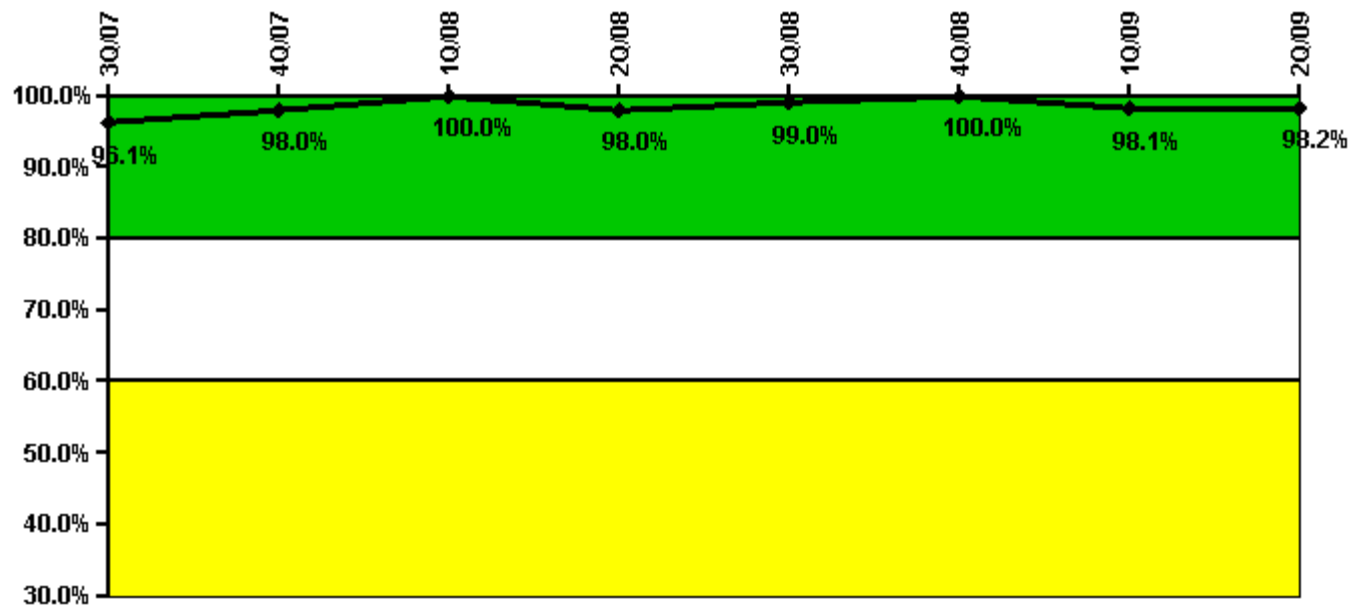
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Successful opportunities	12.0	14.0	57.0	19.0	27.0	13.0	25.0	18.0
Total opportunities	12.0	14.0	62.0	20.0	28.0	13.0	29.0	18.0
Indicator value	95.4%	95.7%	94.8%	94.7%	95.0%	96.2%	94.1%	94.4%

Licensee Comments: none

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

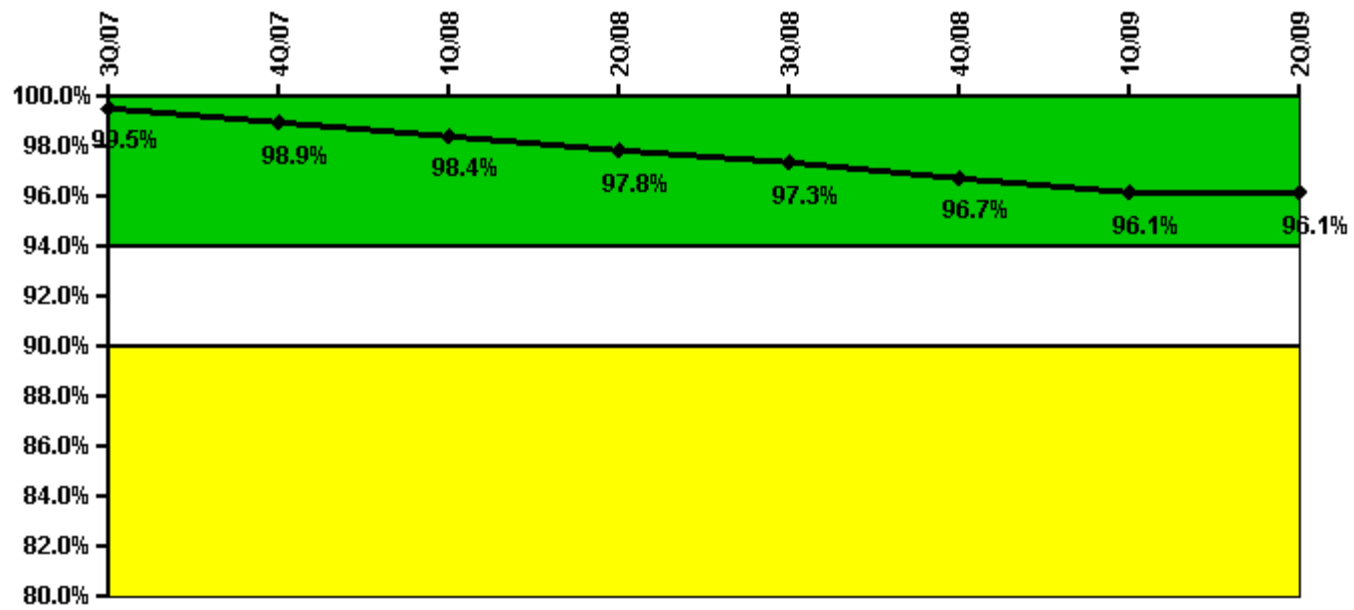
Notes

ERO Drill Participation	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Participating Key personnel	99.0	100.0	103.0	99.0	98.0	107.0	105.0	110.0
Total Key personnel	103.0	102.0	103.0	101.0	99.0	107.0	107.0	112.0
Indicator value	96.1%	98.0%	100.0%	98.0%	99.0%	100.0%	98.1%	98.2%

Licensee Comments:

1Q/09: March 2009 ERO Drill Participation participating and total key personnel changed from 107 and 109, respectively, to 105 and 107, respectively. Indicator color is not affected.

Alert & Notification System



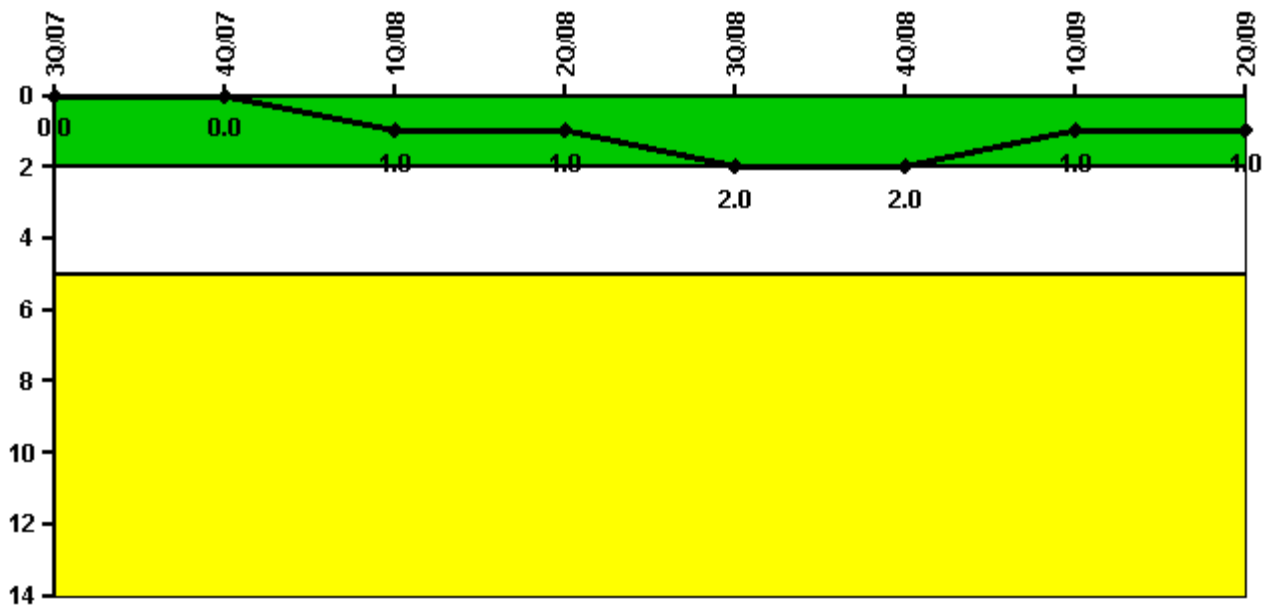
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Successful siren-tests	45	47	44	43	44	46	40	43
Total sirens-tests	45	48	45	45	45	48	42	45
Indicator value	99.5%	98.9%	98.4%	97.8%	97.3%	96.7%	96.1%	96.1%

Licensee Comments: none

Occupational Exposure Control Effectiveness



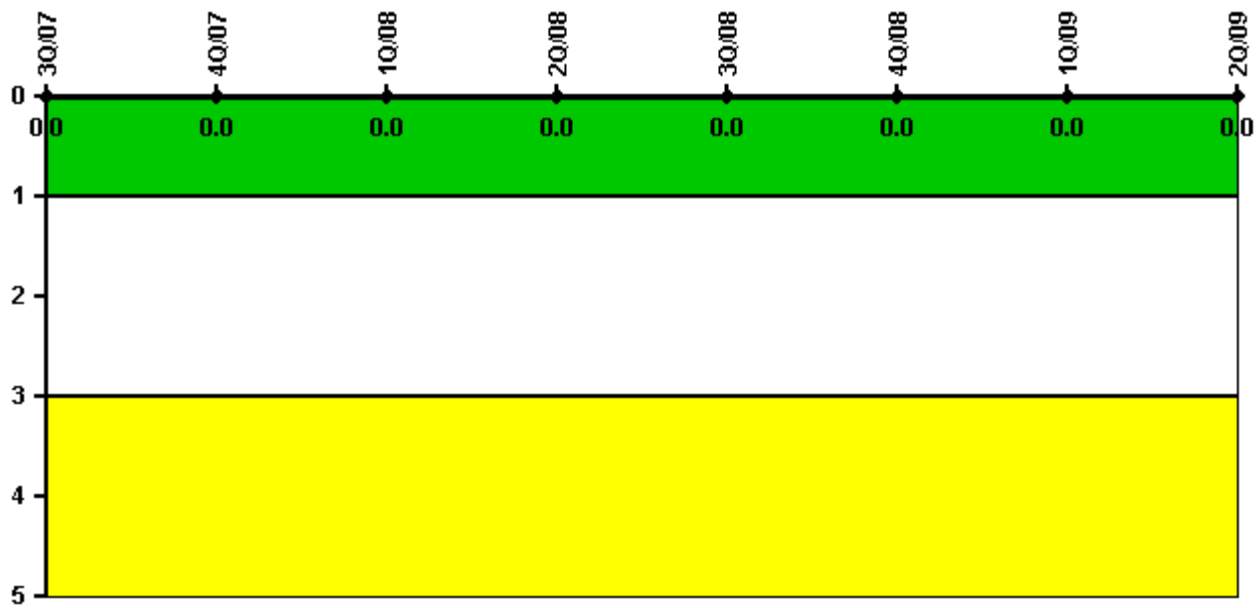
Thresholds: White > 2.0 Yellow > 5.0

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	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	1	1	2	2	1	1

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

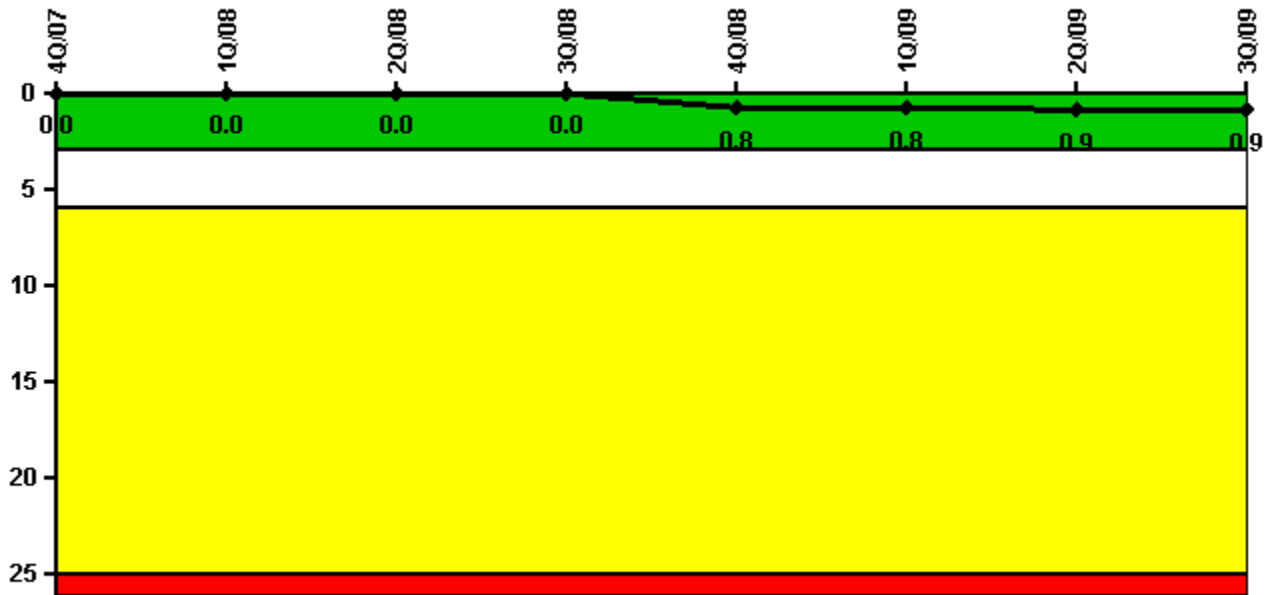
[Security](#) information not publicly available.

Farley 1

3Q/2009 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



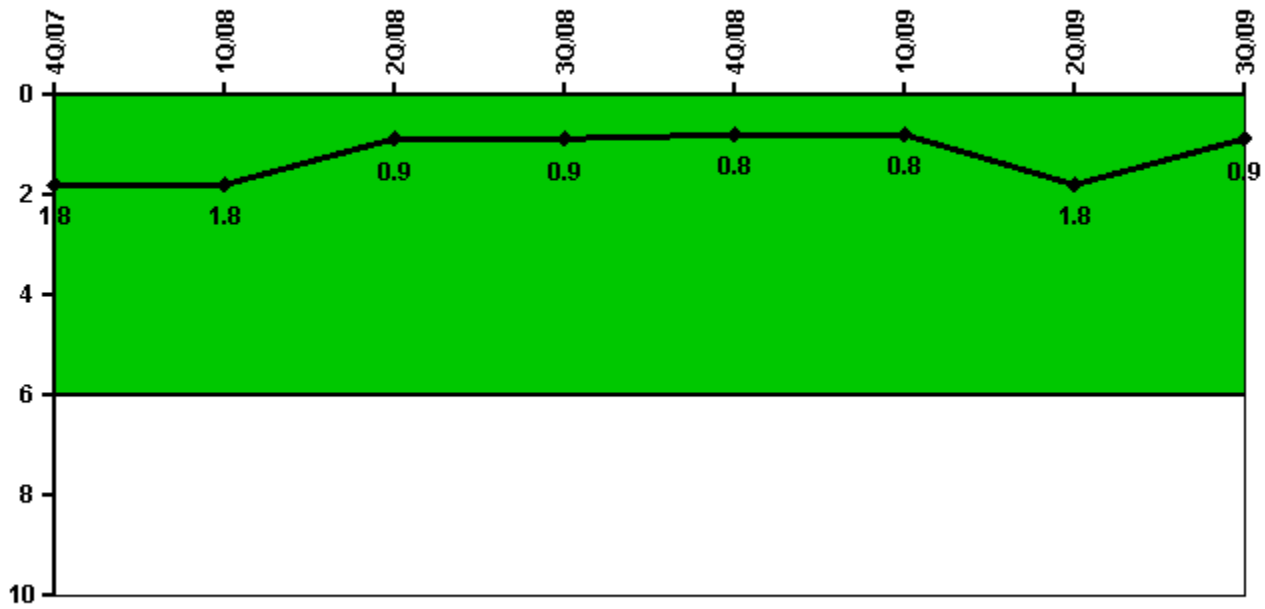
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Unplanned scrams	0	0	0	0	1.0	0	0	0
Critical hours	1185.6	2183.0	2184.0	2044.8	2187.7	2159.0	1373.0	2208.0
Indicator value	0	0	0	0	0.8	0.8	0.9	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



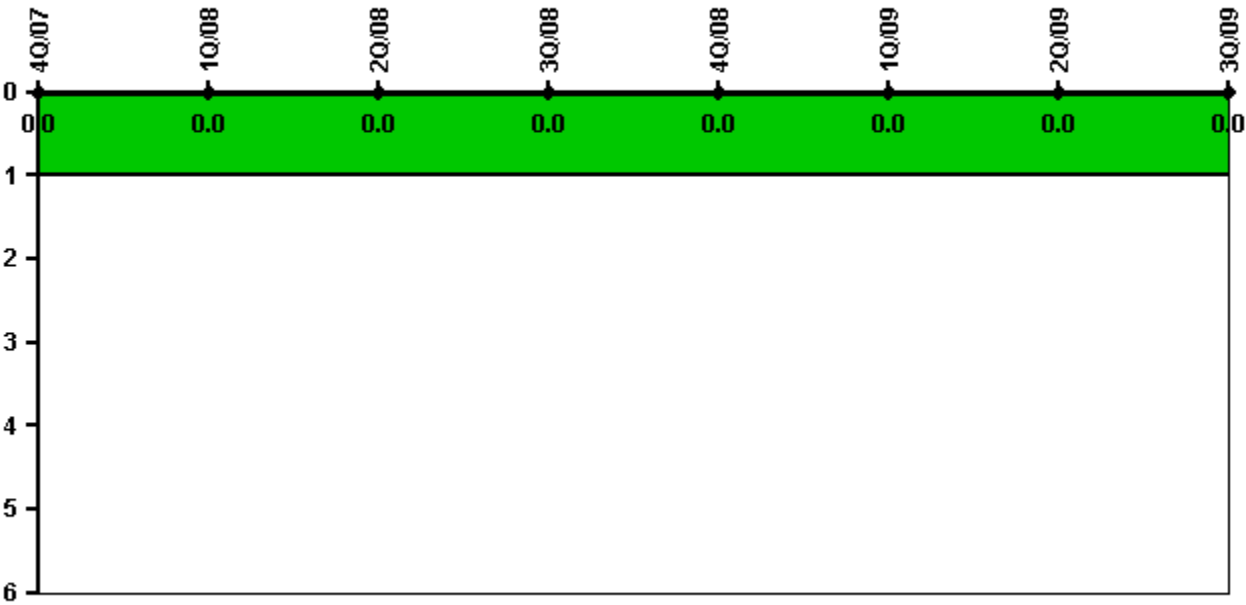
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Unplanned power changes	0	0	0	1.0	0	0	1.0	0
Critical hours	1185.6	2183.0	2184.0	2044.8	2187.7	2159.0	1373.0	2208.0
Indicator value	1.8	1.8	0.9	0.9	0.8	0.8	1.8	0.9

Licensee Comments: none

Unplanned Scrams with Complications



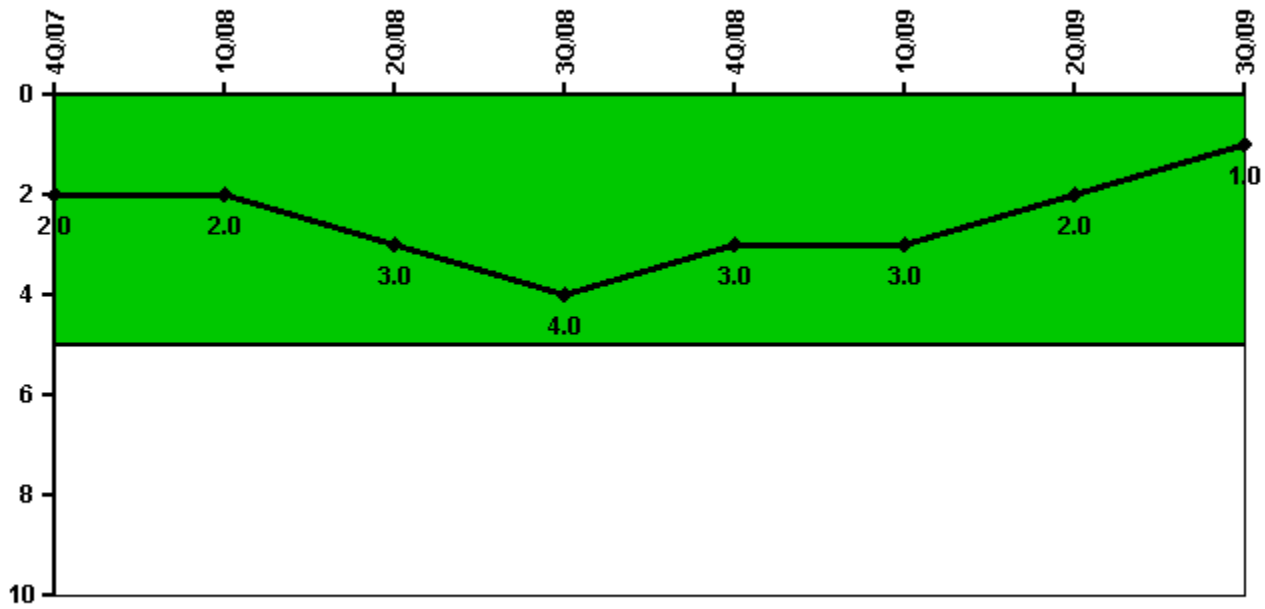
Thresholds: White > 1.0

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)



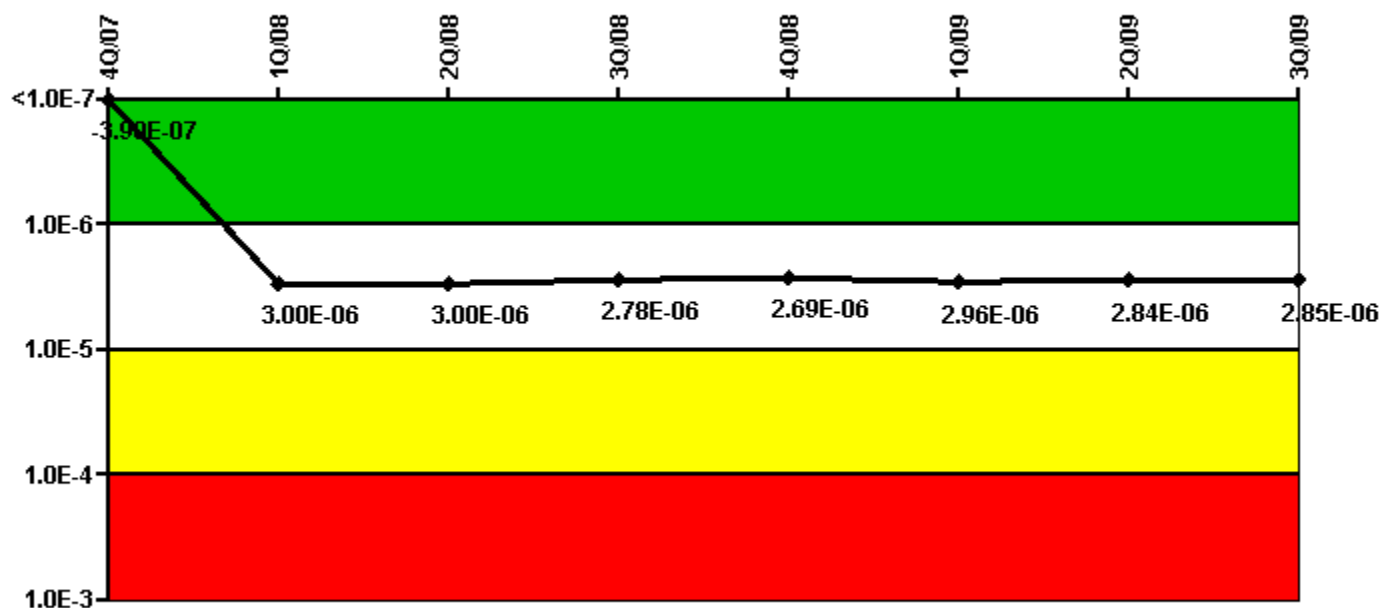
Thresholds: White > 5.0

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	1	0	2	1	0	0	1	0
Indicator value	2	2	3	4	3	3	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	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
UAI (ΔCDF)	6.10E-07	1.20E-06	1.20E-06	7.80E-07	6.90E-07	9.60E-07	8.40E-07	8.50E-07
URI (ΔCDF)	-1.00E-06	1.80E-06	1.80E-06	2.00E-06	2.00E-06	2.00E-06	2.00E-06	2.00E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.90E-07	3.00E-06	3.00E-06	2.78E-06	2.69E-06	2.96E-06	2.84E-06	2.85E-06

Licensee Comments:

3Q/09: Risk Cap Invoked.

2Q/09: Risk Cap Invoked. Revised 2Q2009 unavailability data upon revision of site procedures to include restoration actions to allow credit for operator action. PI indicator color not affected.

1Q/09: Risk Cap Invoked. Revised 1Q2009 unavailability data upon revision of site procedures to include restoration actions to allow credit for operator action. PI indicator color not affected.

4Q/08: Risk Cap Invoked. Revised 4Q2008 unavailability data upon revision of site procedures to include restoration actions to allow credit for operator action. PI indicator color not affected.

3Q/08: Risk Cap Invoked. Revised 3Q2008 unavailability data upon revision of site procedures to include restoration actions to allow credit for operator action. PI indicator color not affected.

2Q/08: Risk Cap Invoked. Revised 2Q2008 unavailability data upon revision of site procedures to include restoration actions to allow credit for operator action. PI indicator color not affected.

1Q/08: Risk Cap Invoked. Revised 1Q2008 unavailability data upon revision of site procedures to include restoration actions to allow credit for operator action. PI indicator color not affected.

4Q/07: Revised 4Q2007 unavailability data upon revision of site procedures to include restoration actions to allow credit for operator action. PI indicator color not affected.

3Q/07: Revised 3Q2007 unavailability data upon revision of site procedures to include restoration actions to allow credit for operator action. PI indicator color not affected.

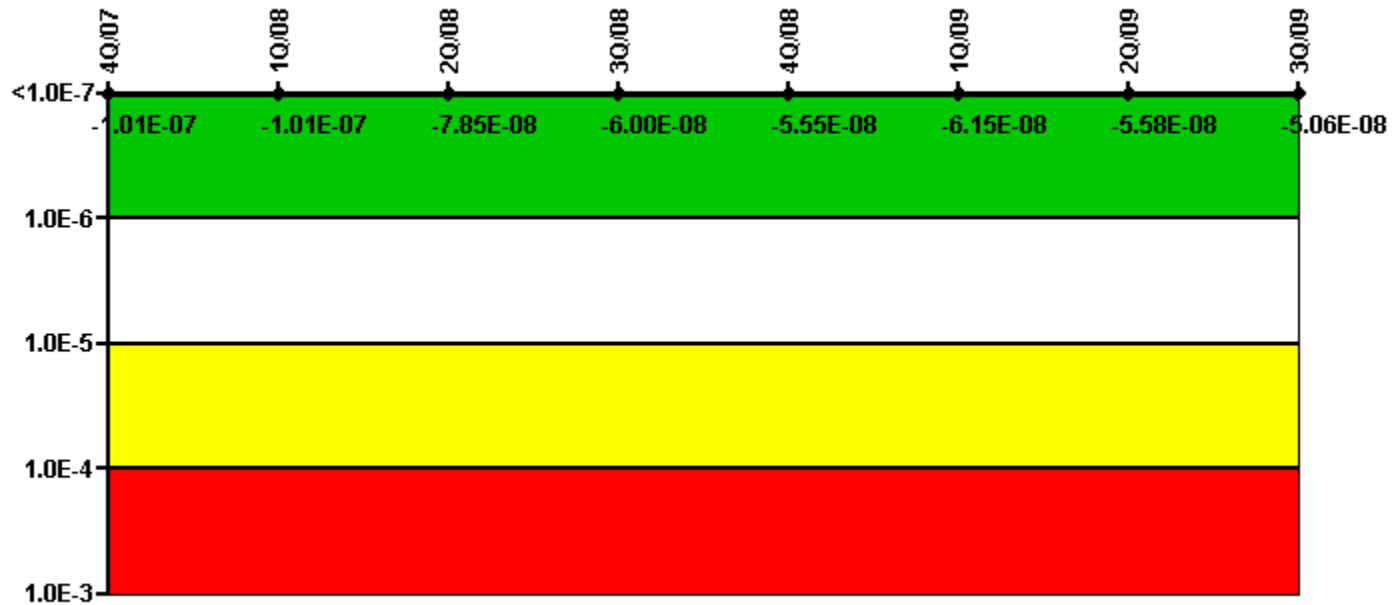
2Q/07: Revised 2Q2007 unavailability data upon revision of site procedures to include restoration actions to allow credit for operator action. PI indicator color not affected.

1Q/07: Revised 1Q2007 unavailability data upon revision of site procedures to include restoration actions to allow credit for operator action. PI indicator color not affected.

4Q/06: Revised 4Q2006 unavailability data upon revision of site procedures to include restoration actions to allow credit for operator action. PI indicator color not affected.

3Q/06: Revised 3Q2006 unavailability data upon revision of site procedures to include restoration actions to allow credit for operator action. PI indicator color not affected.

Mitigating Systems Performance Index, High Pressure Injection System



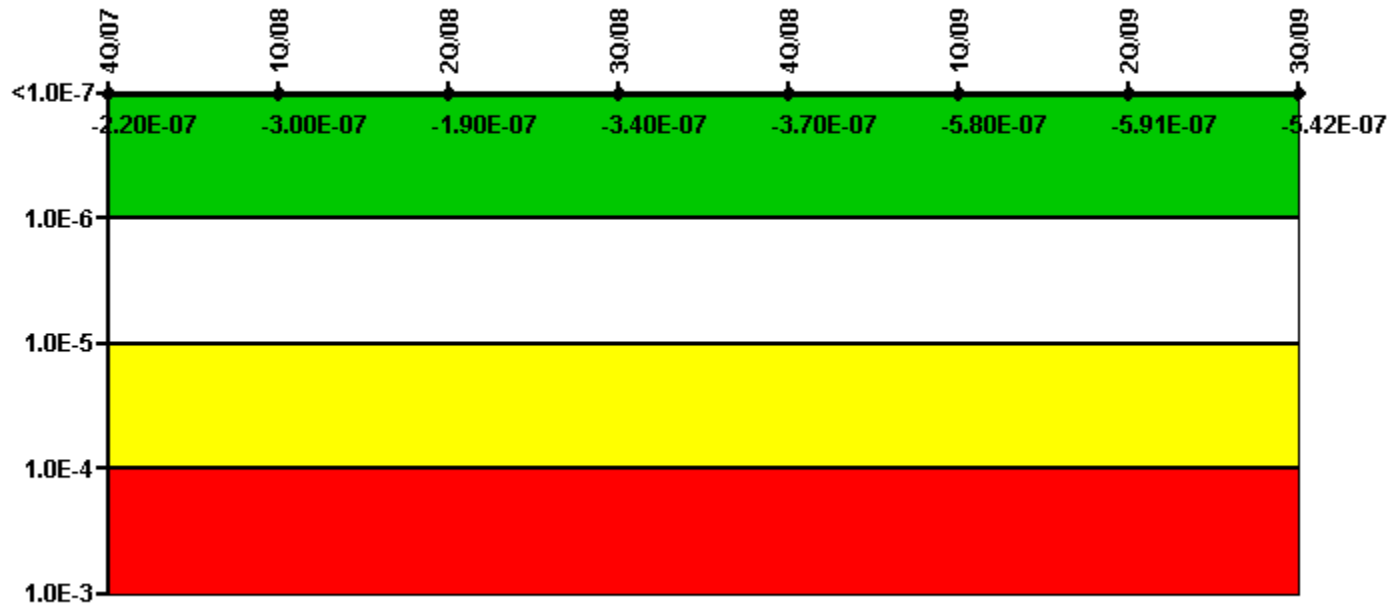
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (ΔCDF)	-3.10E-08	-3.10E-08	-8.50E-09	-8.00E-09	-3.50E-09	-9.50E-09	-3.80E-09	1.40E-09
URI (ΔCDF)	-7.00E-08	-7.00E-08	-7.00E-08	-5.20E-08	-5.20E-08	-5.20E-08	-5.20E-08	-5.20E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.01E-07	-1.01E-07	-7.85E-08	-6.00E-08	-5.55E-08	-6.15E-08	-5.58E-08	-5.06E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



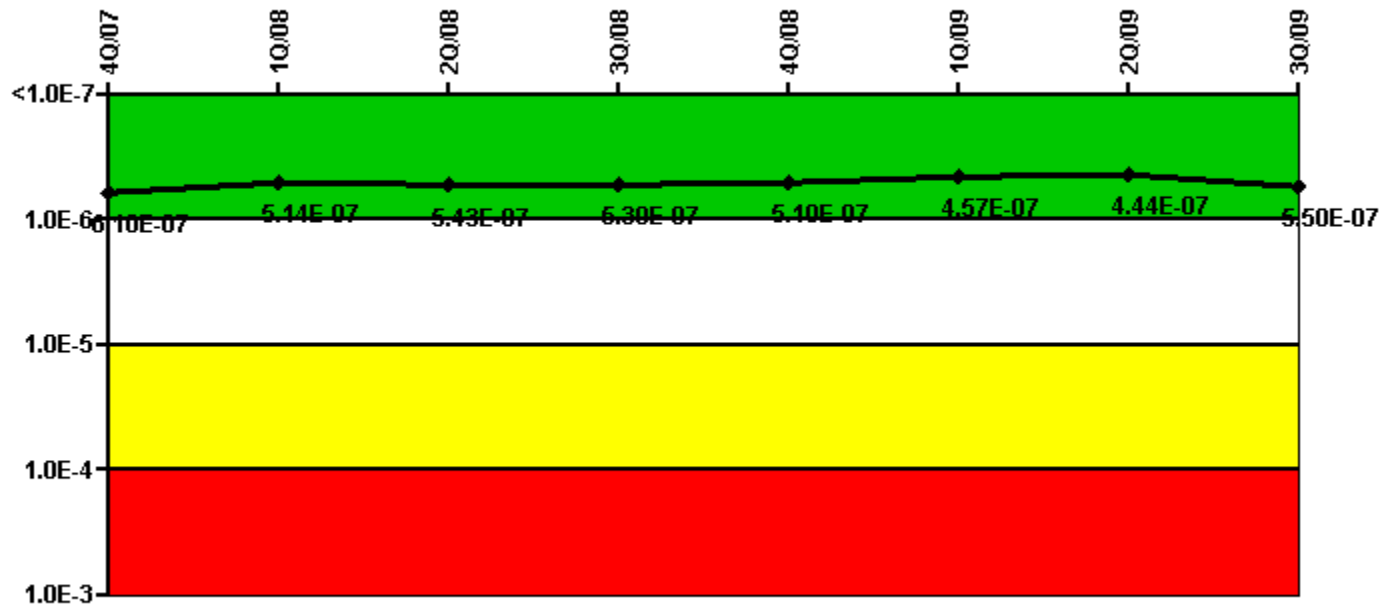
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
UAI (Δ CDF)	3.00E-07	2.20E-07	3.30E-07	1.60E-07	1.30E-07	-8.00E-08	-9.10E-08	-4.20E-08
URI (Δ CDF)	-5.20E-07	-5.20E-07	-5.20E-07	-5.00E-07	-5.00E-07	-5.00E-07	-5.00E-07	-5.00E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.20E-07	-3.00E-07	-1.90E-07	-3.40E-07	-3.70E-07	-5.80E-07	-5.91E-07	-5.42E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



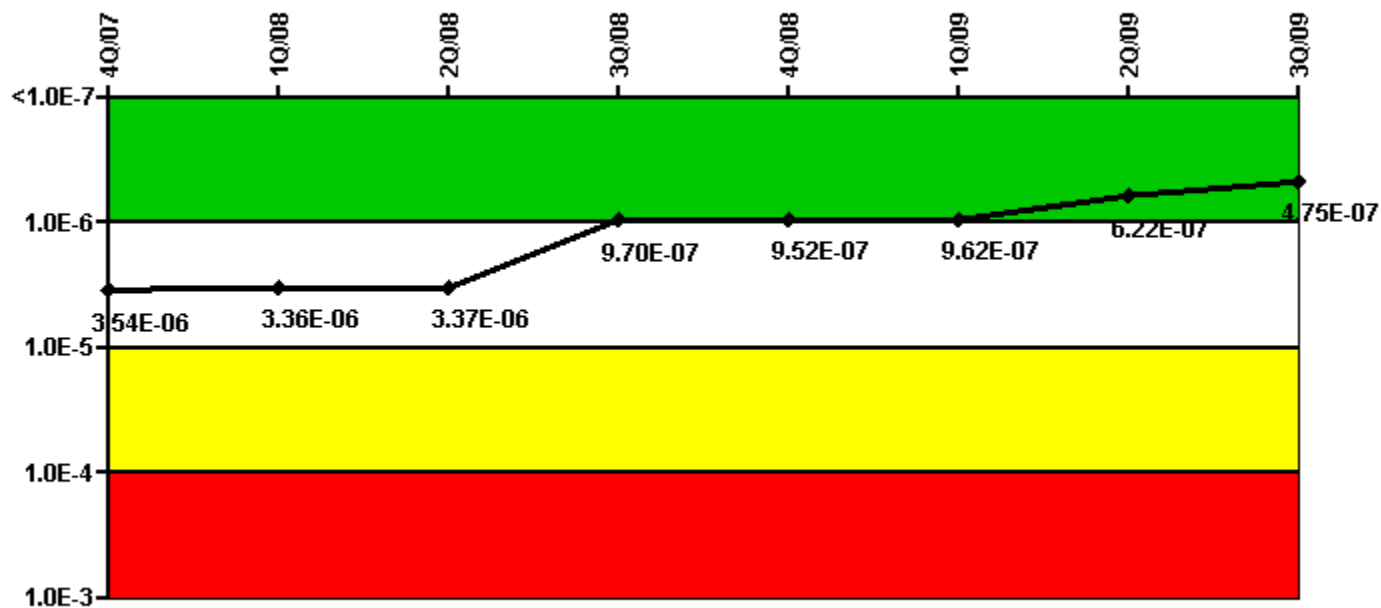
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
UAI (ΔCDF)	1.50E-07	5.40E-08	8.30E-08	1.20E-07	1.00E-07	4.70E-08	3.40E-08	1.40E-07
URI (ΔCDF)	4.60E-07	4.60E-07	4.60E-07	4.10E-07	4.10E-07	4.10E-07	4.10E-07	4.10E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	6.10E-07	5.14E-07	5.43E-07	5.30E-07	5.10E-07	4.57E-07	4.44E-07	5.50E-07

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



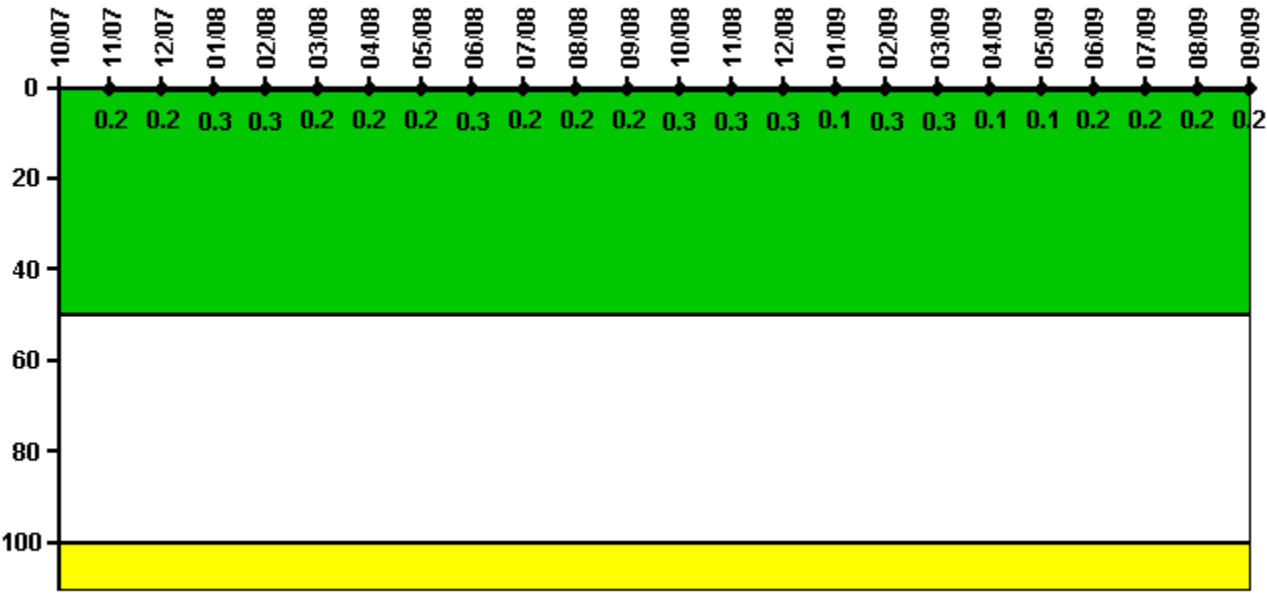
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
UAI (Δ CDF)	3.40E-07	3.60E-07	3.70E-07	4.00E-08	2.20E-08	2.20E-08	2.20E-08	2.50E-08
URI (Δ CDF)	3.20E-06	3.00E-06	3.00E-06	9.30E-07	9.30E-07	9.40E-07	6.00E-07	4.50E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.54E-06	3.36E-06	3.37E-06	9.70E-07	9.52E-07	9.62E-07	6.22E-07	4.75E-07

Licensee Comments: none

Reactor Coolant System Activity



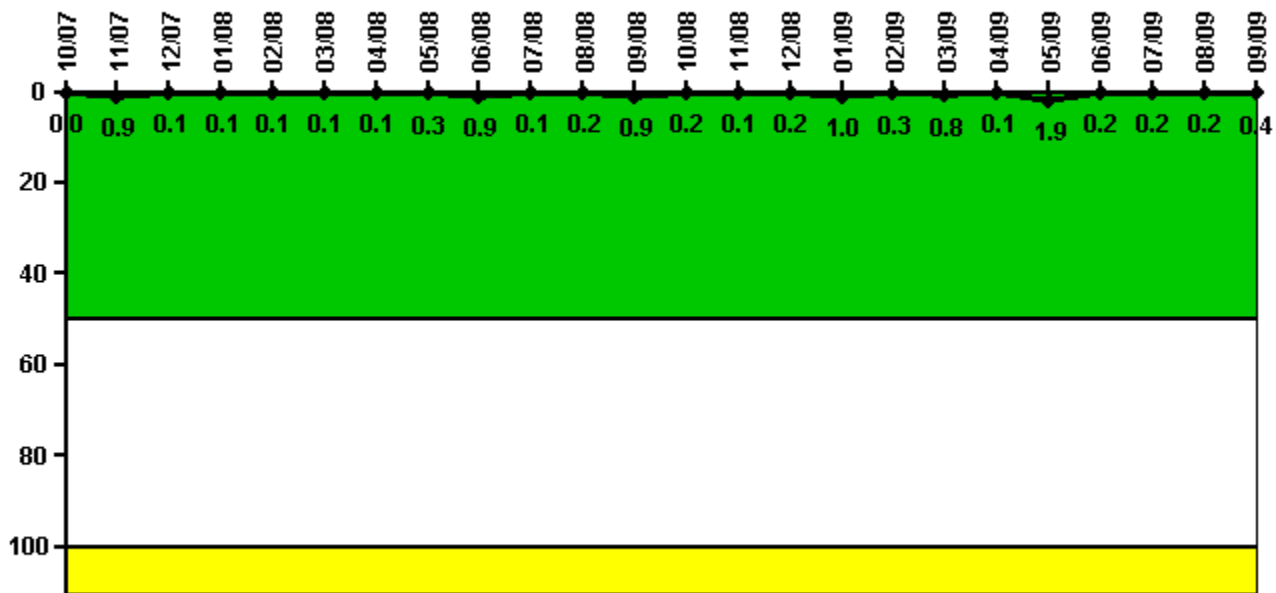
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08
Maximum activity	N/A	0.000917	0.001003	0.001271	0.001684	0.001040	0.001166	0.001242	0.001619	0.001189	0.001180	0.001170
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	N/A	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.3	0.2	0.2	0.2
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	0.001280	0.001290	0.001530	0.000284	0.001570	0.001590	0.000366	0.000692	0.000856	0.000876	0.000909	0.000975
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.3	0.3	0.3	0.1	0.3	0.3	0.1	0.1	0.2	0.2	0.2	0.2

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

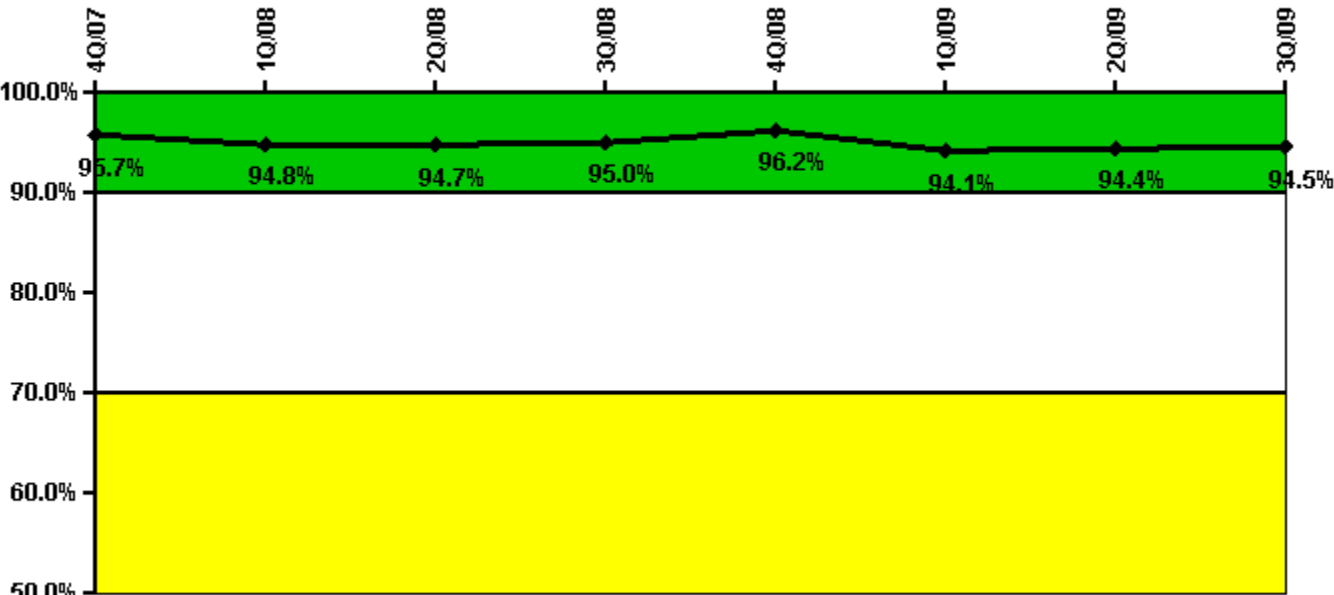
Notes

Reactor Coolant System Leakage	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	0.090	0.010	0.010	0.010	0.010	0.010	0.030	0.090	0.010	0.020	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	0.9	0.1	0.1	0.1	0.1	0.1	0.3	0.9	0.1	0.2	0.9
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	0.010	0.020	0.100	0.030	0.080	0.007	0.185	0.020	0.016	0.020	0.038
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.1	0.2	1.0	0.3	0.8	0.1	1.9	0.2	0.2	0.2	0.4

Licensee Comments:

6/09: May 2009 Maximum RCS Identified Leakage revised due to original data obtained while plant was not stable enough to support an accurate leakage calculation. Indicator color is not affected.

Drill/Exercise Performance



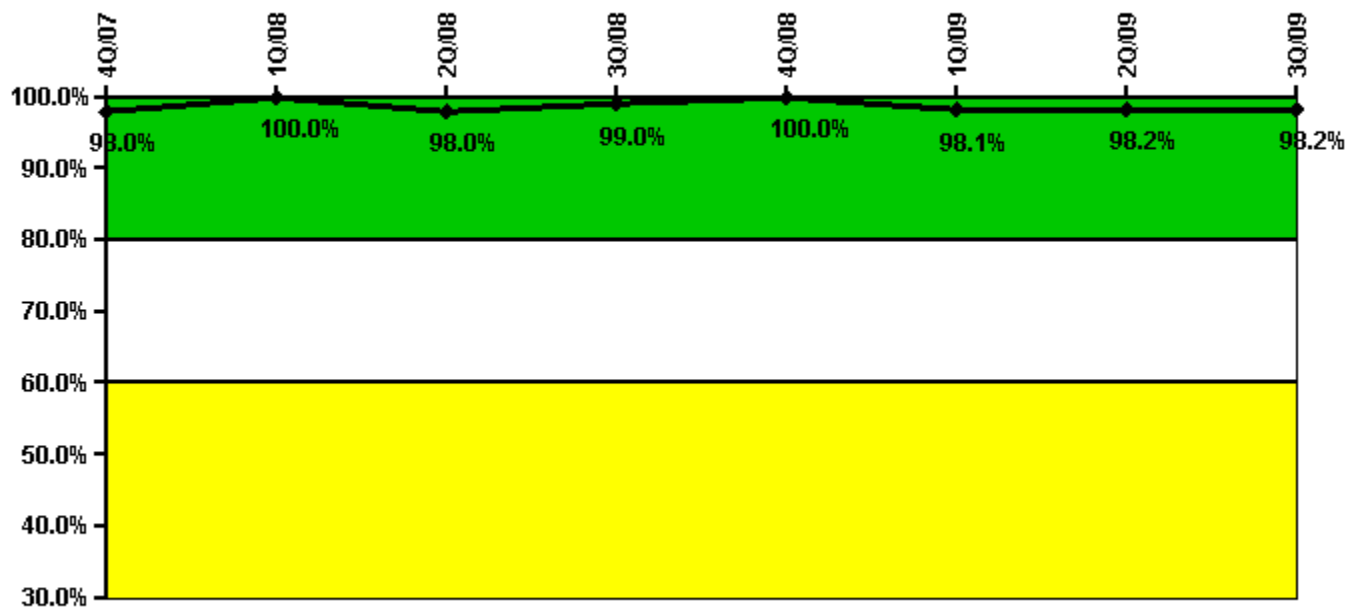
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Successful opportunities	14.0	57.0	19.0	27.0	13.0	25.0	18.0	15.0
Total opportunities	14.0	62.0	20.0	28.0	13.0	29.0	18.0	15.0
Indicator value	95.7%	94.8%	94.7%	95.0%	96.2%	94.1%	94.4%	94.5%

Licensee Comments: none

ERO Drill Participation



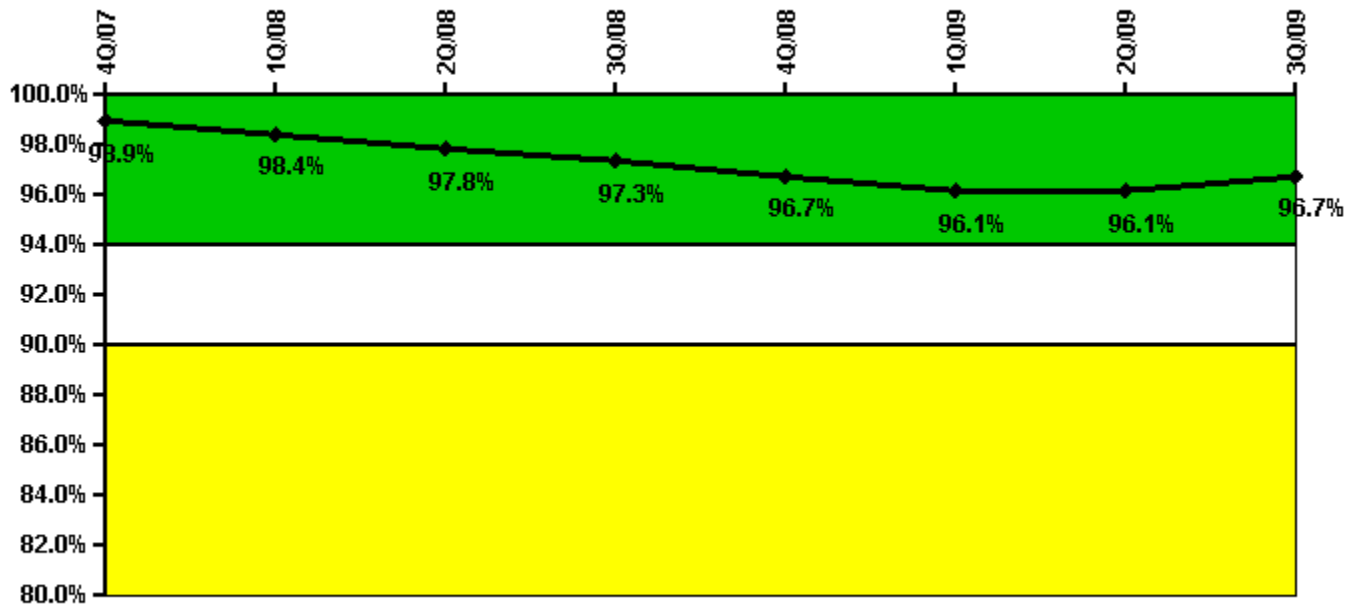
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Participating Key personnel	100.0	103.0	99.0	98.0	107.0	105.0	110.0	111.0
Total Key personnel	102.0	103.0	101.0	99.0	107.0	107.0	112.0	113.0
Indicator value	98.0%	100.0%	98.0%	99.0%	100.0%	98.1%	98.2%	98.2%

Licensee Comments: none

Alert & Notification System



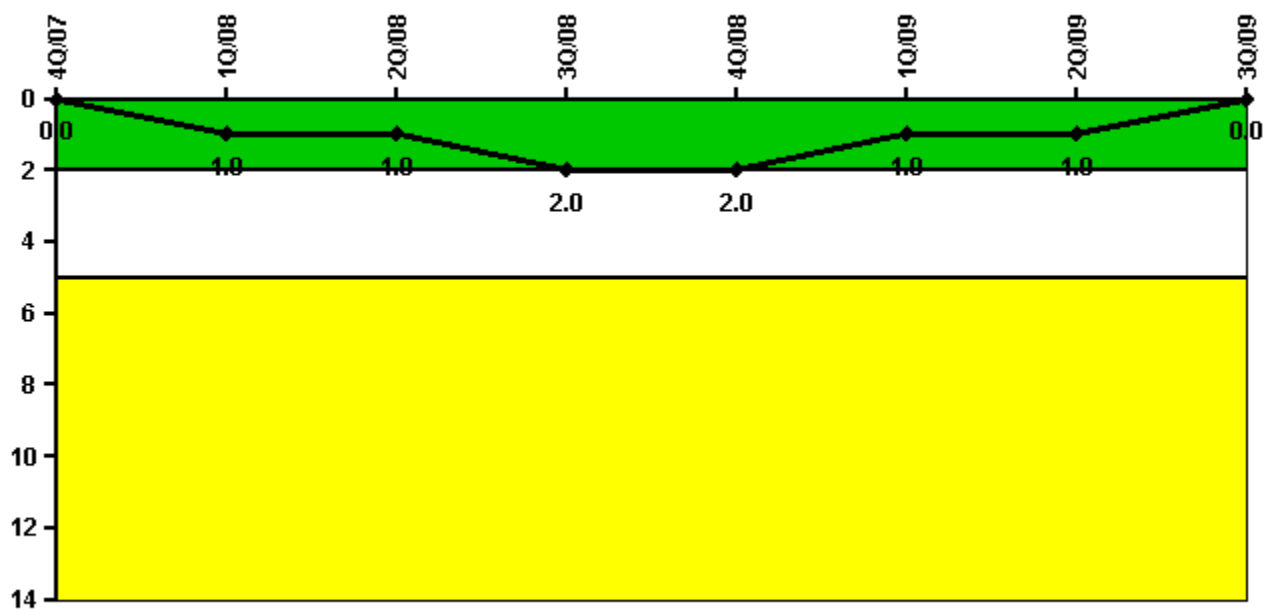
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Successful siren-tests	47	44	43	44	46	40	43	45
Total sirens-tests	48	45	45	45	48	42	45	45
Indicator value	98.9%	98.4%	97.8%	97.3%	96.7%	96.1%	96.1%	96.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



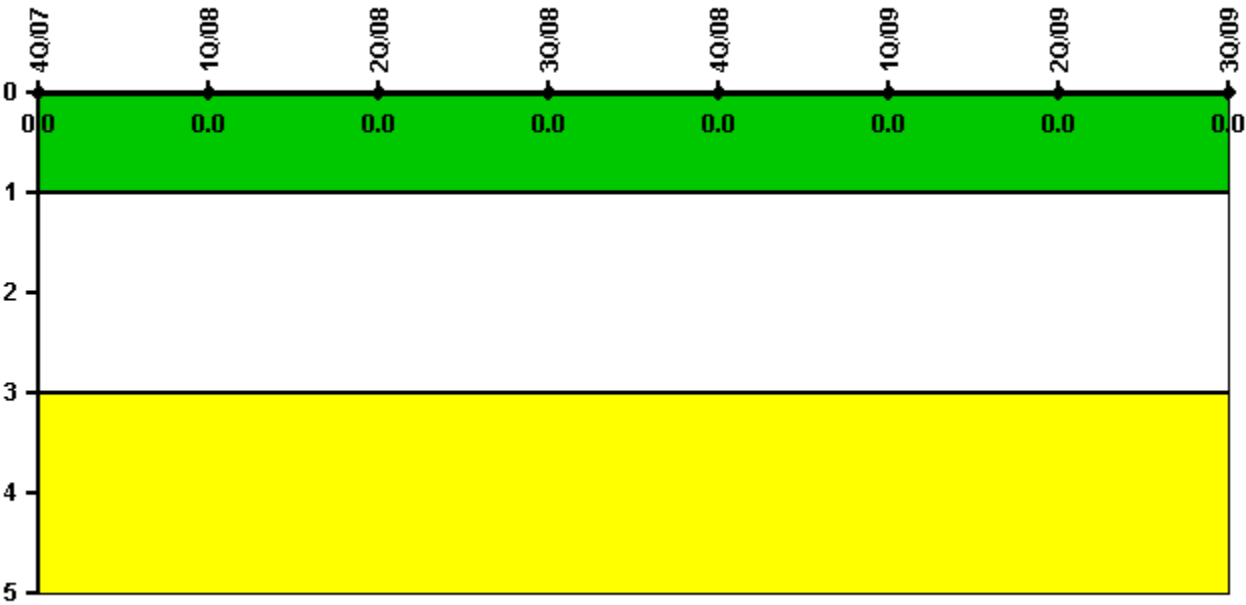
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
High radiation area occurrences	0	1	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	1	1	2	2	1	1	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

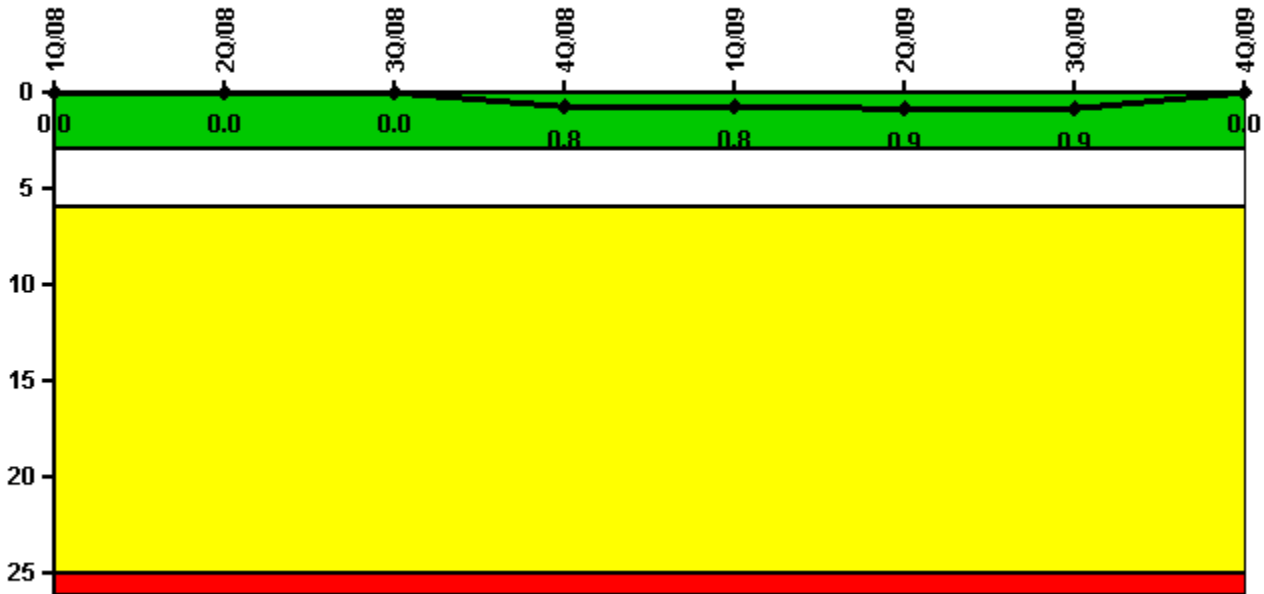
Security information not publicly available.

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4Q/2009 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



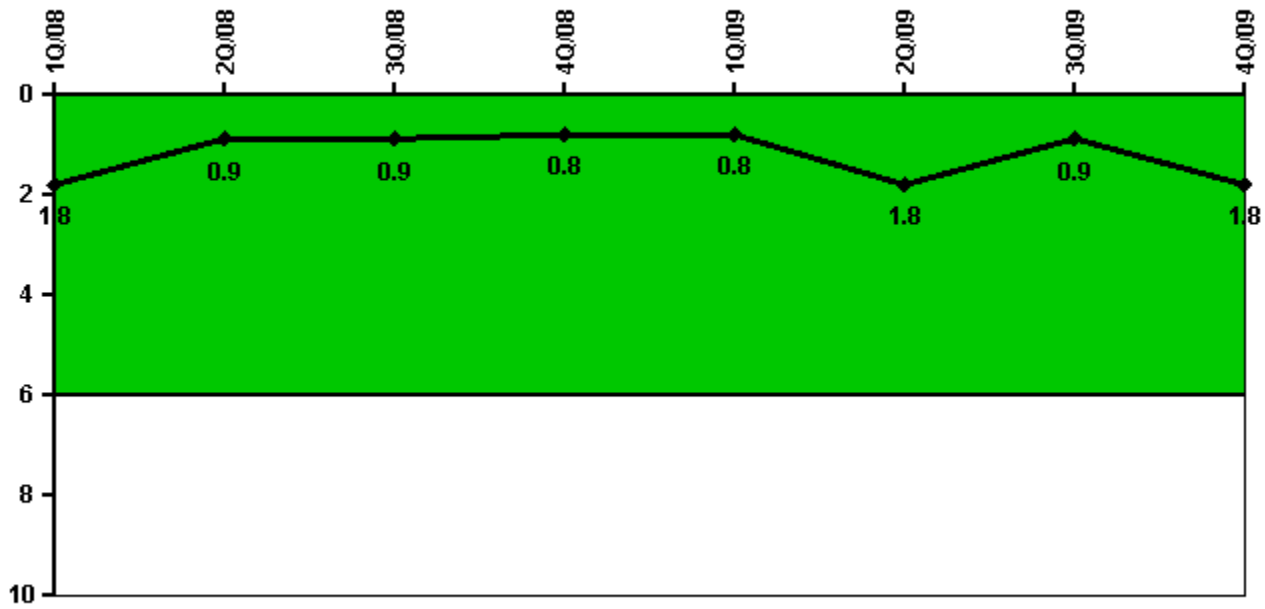
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	0	1.0	0	0	0	0
Critical hours	2183.0	2184.0	2044.8	2187.7	2159.0	1373.0	2208.0	2209.0
Indicator value	0	0	0	0.8	0.8	0.9	0.9	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



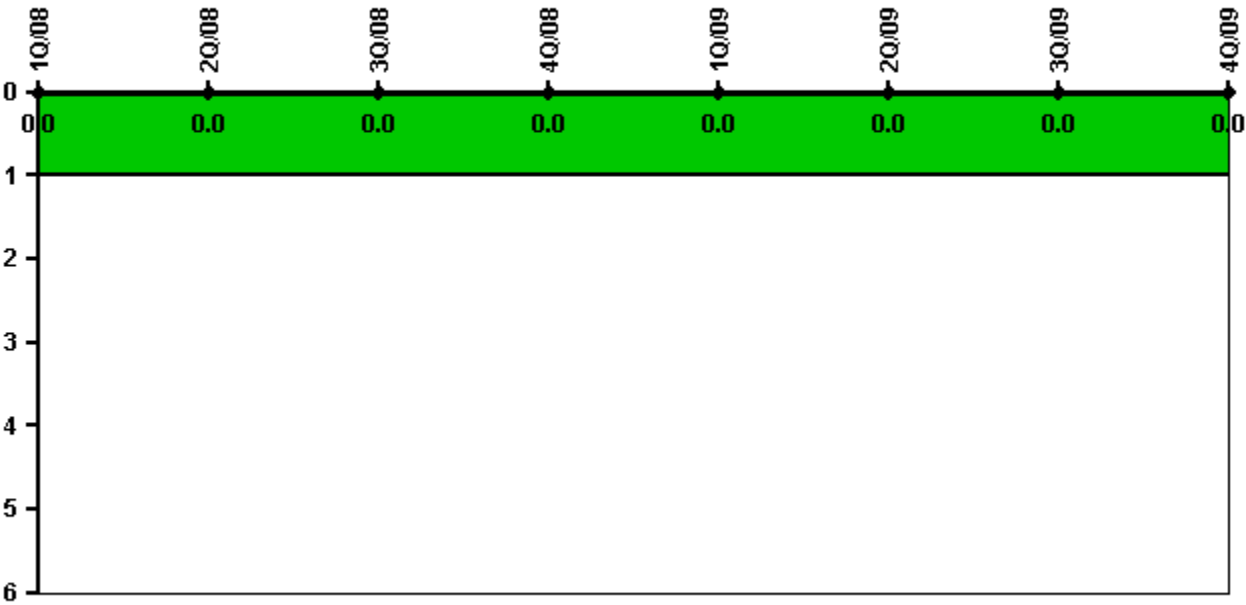
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Unplanned power changes	0	0	1.0	0	0	1.0	0	1.0
Critical hours	2183.0	2184.0	2044.8	2187.7	2159.0	1373.0	2208.0	2209.0
Indicator value	1.8	0.9	0.9	0.8	0.8	1.8	0.9	1.8

Licensee Comments: none

Unplanned Scrams with Complications



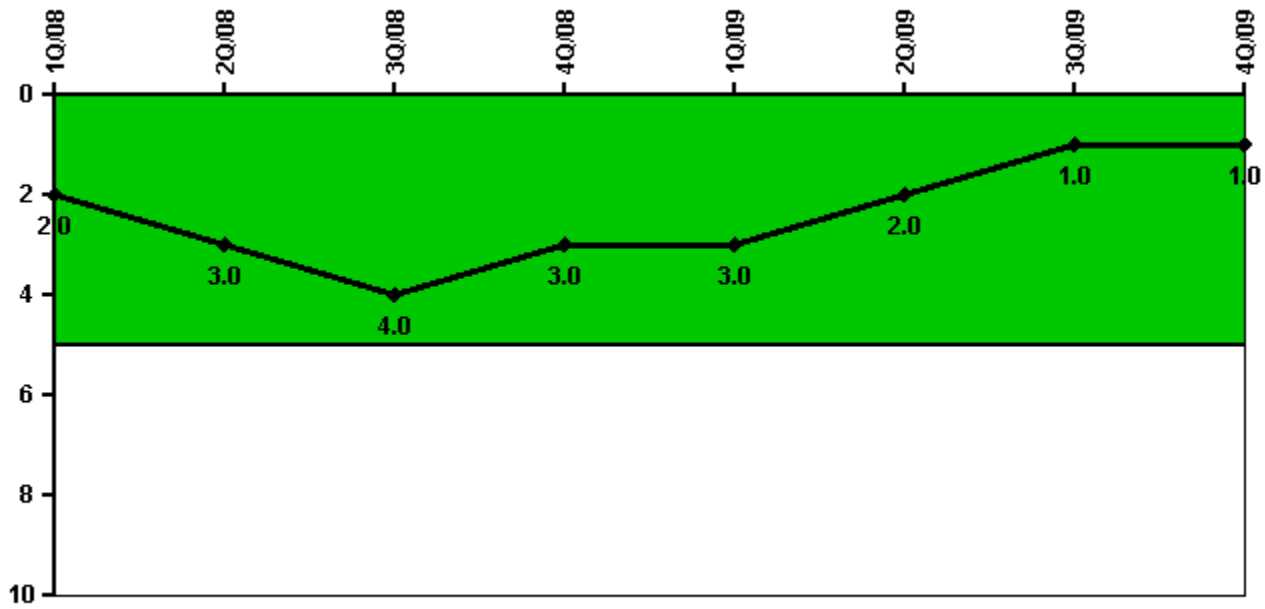
Thresholds: White > 1.0

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)



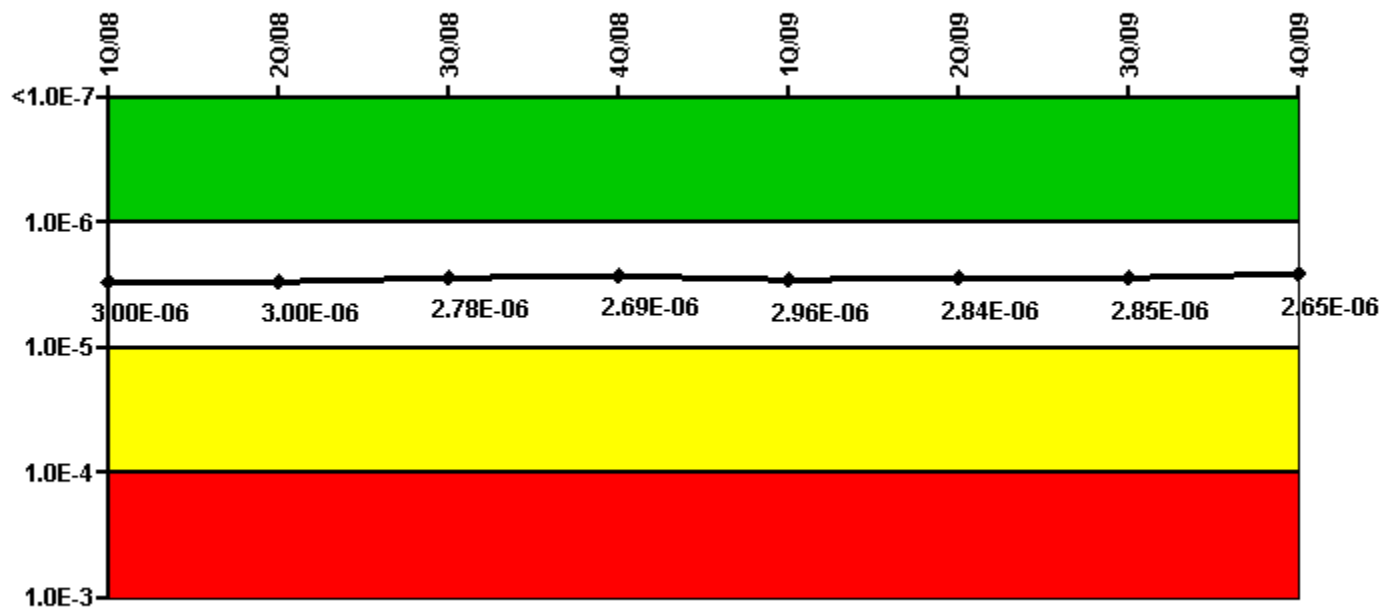
Thresholds: White > 5.0

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	2	1	0	0	1	0	0
Indicator value	2	3	4	3	3	2	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

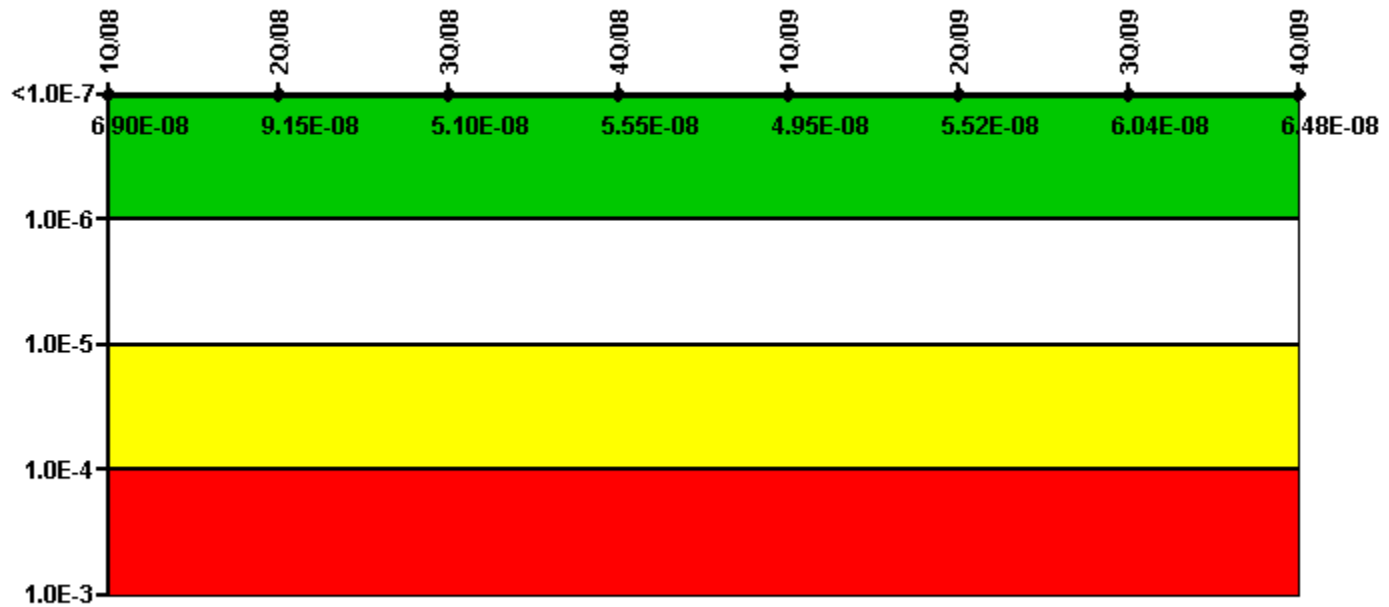
Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
UAI (Δ CDF)	1.20E-06	1.20E-06	7.80E-07	6.90E-07	9.60E-07	8.40E-07	8.50E-07	6.50E-07
URI (Δ CDF)	1.80E-06	1.80E-06	2.00E-06	2.00E-06	2.00E-06	2.00E-06	2.00E-06	2.00E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.00E-06	3.00E-06	2.78E-06	2.69E-06	2.96E-06	2.84E-06	2.85E-06	2.65E-06

Licensee Comments:

4Q/09: Risk Cap Invoked.

Mitigating Systems Performance Index, High Pressure Injection System



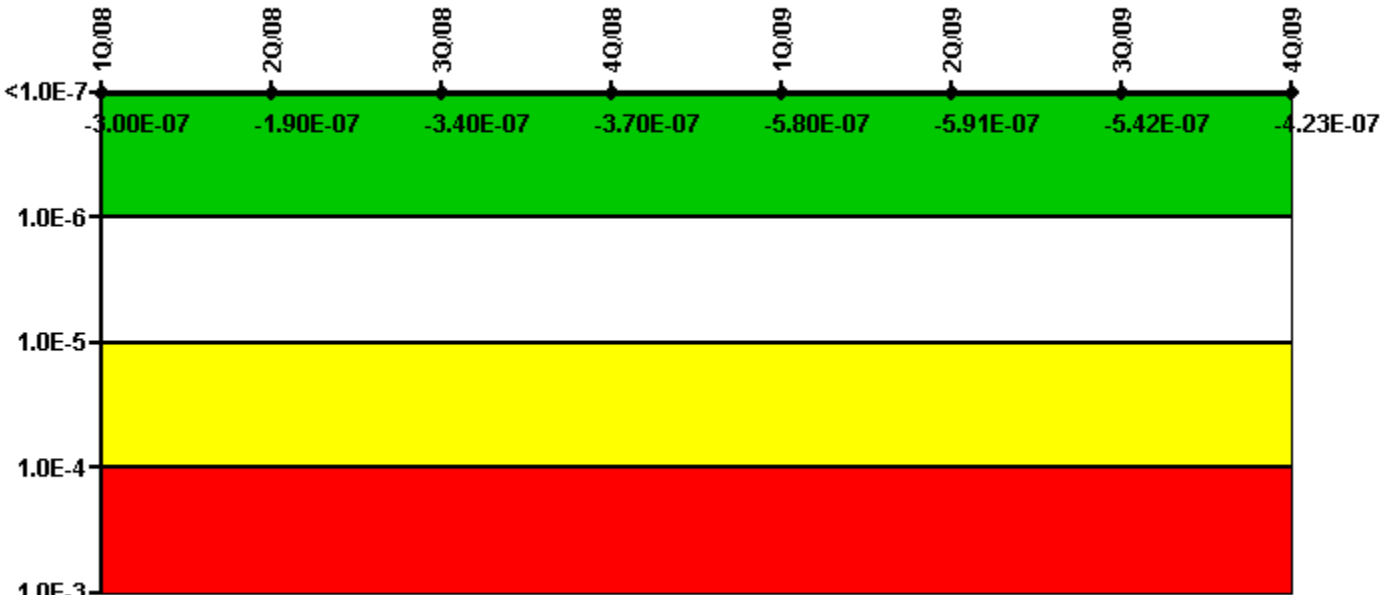
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	-3.10E-08	-8.50E-09	-8.00E-09	-3.50E-09	-9.50E-09	-3.80E-09	1.40E-09	5.80E-09
URI (Δ CDF)	1.00E-07	1.00E-07	5.90E-08	5.90E-08	5.90E-08	5.90E-08	5.90E-08	5.90E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	6.90E-08	9.15E-08	5.10E-08	5.55E-08	4.95E-08	5.52E-08	6.04E-08	6.48E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



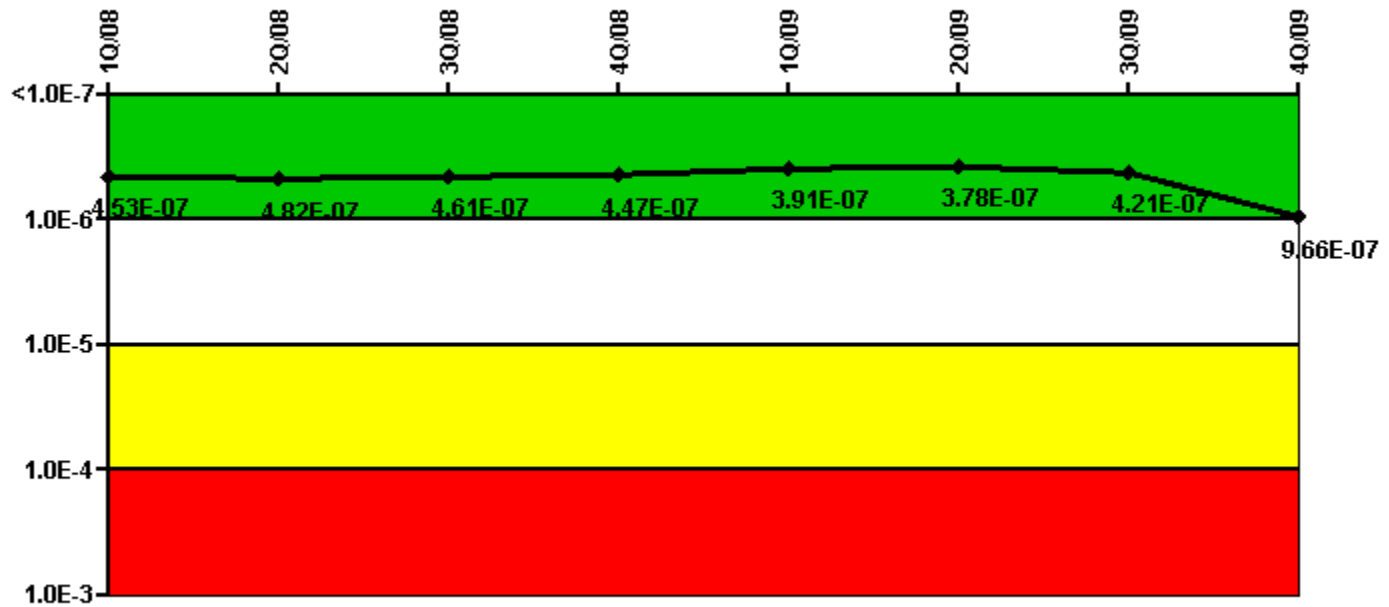
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
UAI (ΔCDF)	2.20E-07	3.30E-07	1.60E-07	1.30E-07	-8.00E-08	-9.10E-08	-4.20E-08	7.70E-08
URI (ΔCDF)	-5.20E-07	-5.20E-07	-5.00E-07	-5.00E-07	-5.00E-07	-5.00E-07	-5.00E-07	-5.00E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.00E-07	-1.90E-07	-3.40E-07	-3.70E-07	-5.80E-07	-5.91E-07	-5.42E-07	-4.23E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
UAI (ΔCDF)	-7.20E-09	2.20E-08	5.10E-08	3.70E-08	-1.90E-08	-3.20E-08	1.10E-08	5.60E-08
URI (ΔCDF)	4.60E-07	4.60E-07	4.10E-07	4.10E-07	4.10E-07	4.10E-07	4.10E-07	9.10E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.53E-07	4.82E-07	4.61E-07	4.47E-07	3.91E-07	3.78E-07	4.21E-07	9.66E-07

Licensee Comments:

4Q/09: Risk Cap Invoked.

3Q/09: Revised Q3 2009 unavailable hours from a conservative value to the actual hours considering the time that the equipment became available. This change affects the unavailability index for Q3 2009. Color unaffected.

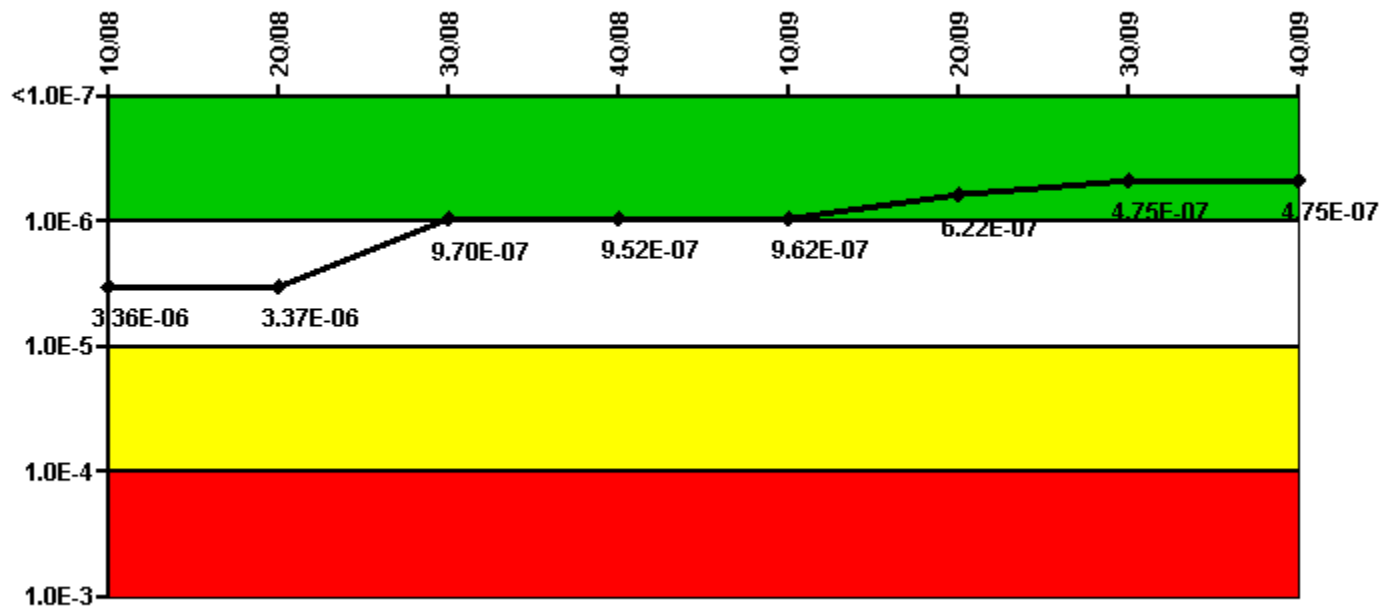
3Q/08: Revised Q3 2008 unavailable hours from a conservative value to the actual hours considering the time that the equipment became available. This change affects the unavailability index for Q3 2008 through Q3 2009. Color unaffected.

1Q/08: 1B RHR demand failure added due to MSPI applicability to the breaker failure not being recognized at the time of occurrence. Change affects 4th quarter 2007 data. Indicator color unaffected.

4Q/07: Revised Q4 2007 unavailable hours from a conservative value to the actual hours considering the time that the equipment became available. This change affects the unavailability index for Q4 2007 through Q3 2009. Color unaffected.

3Q/07: Revised Q3 2007 unavailable hours from a conservative value to the actual hours considering the time that the equipment became available. This change affects the unavailability index for Q3 2007 through Q3 2009. Color unaffected.

Mitigating Systems Performance Index, Cooling Water Systems



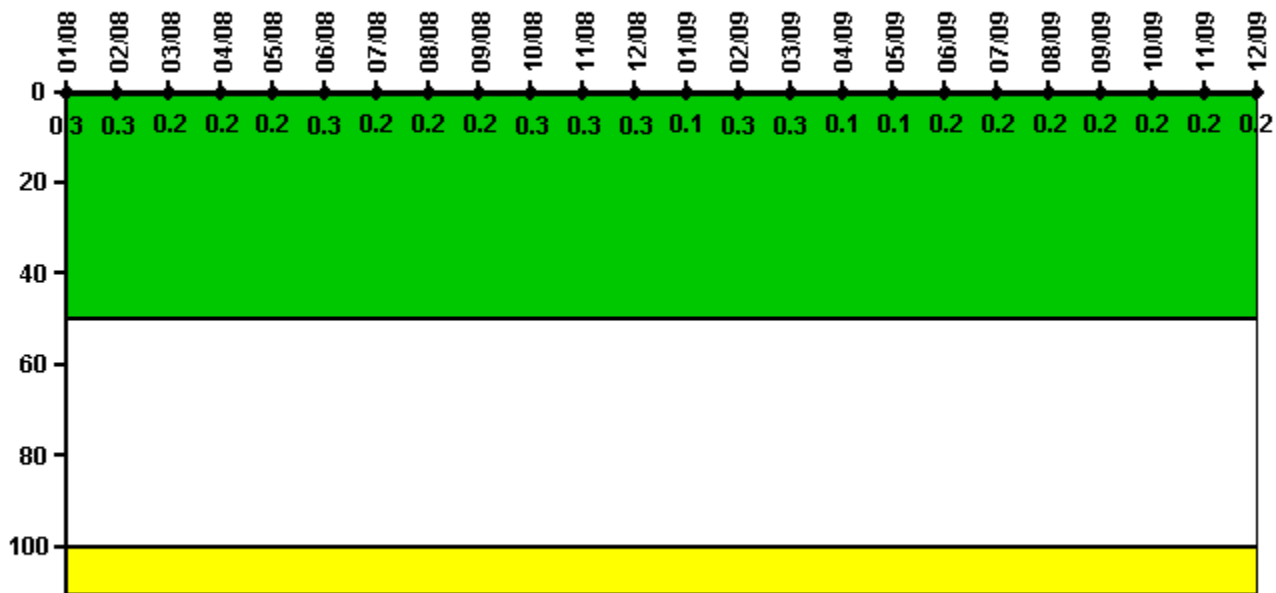
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (ΔCDF)	3.60E-07	3.70E-07	4.00E-08	2.20E-08	2.20E-08	2.20E-08	2.50E-08	2.50E-08
URI (ΔCDF)	3.00E-06	3.00E-06	9.30E-07	9.30E-07	9.40E-07	6.00E-07	4.50E-07	4.50E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.36E-06	3.37E-06	9.70E-07	9.52E-07	9.62E-07	6.22E-07	4.75E-07	4.75E-07

Licensee Comments: none

Reactor Coolant System Activity



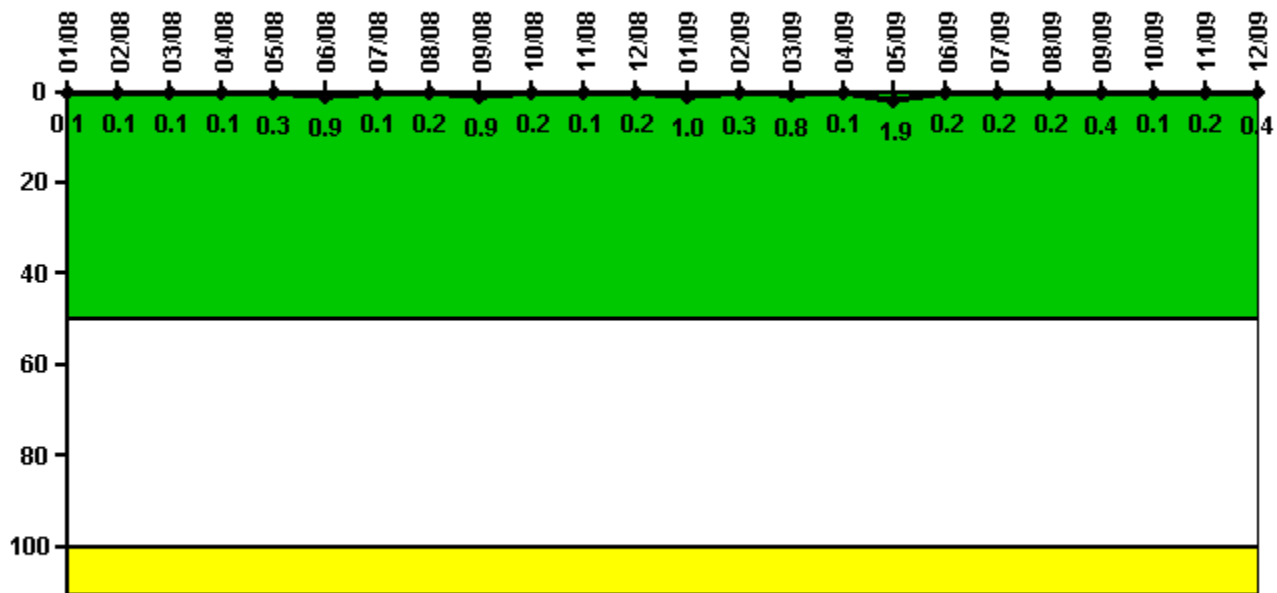
Thresholds: White > 50.0 Yellow > 100.0

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	0.001271	0.001684	0.001040	0.001166	0.001242	0.001619	0.001189	0.001180	0.001170	0.001280	0.001290	0.001530
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.3	0.3	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.3	0.3	0.3
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	0.000284	0.001570	0.001590	0.000366	0.000692	0.000856	0.000876	0.000909	0.000975	0.000971	0.001050	0.001140
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.1	0.3	0.3	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2

Licensee Comments: none

Reactor Coolant System Leakage



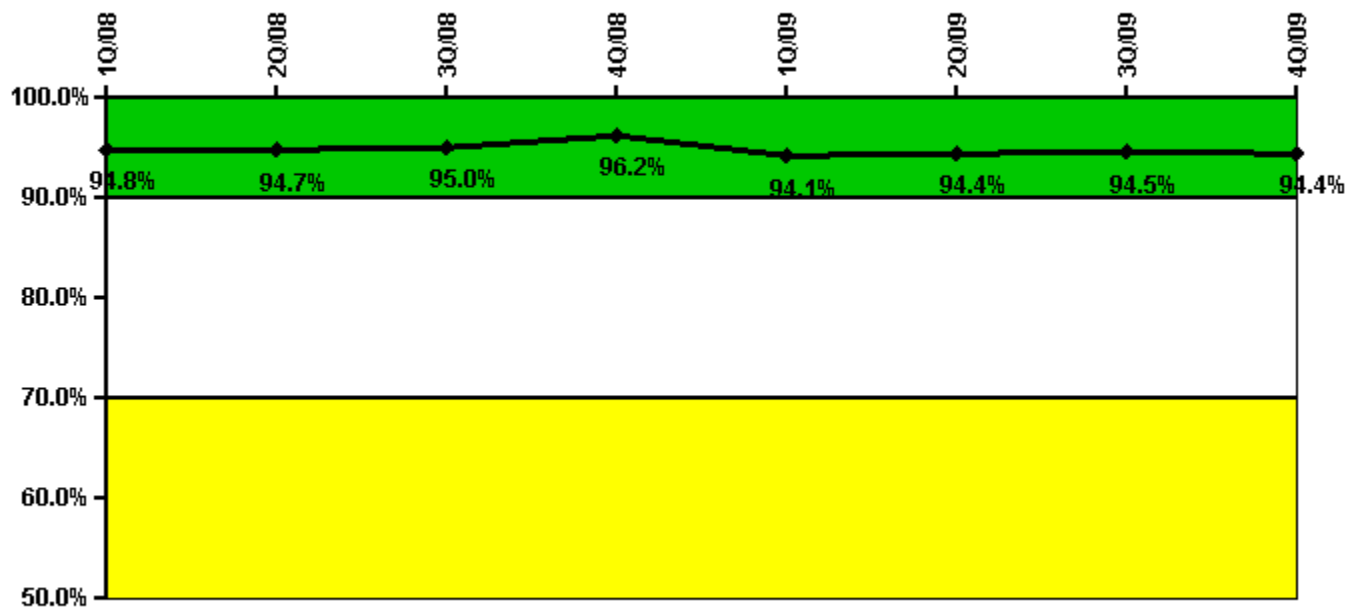
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08	10/08	11/08	12/08
Maximum leakage	0.010	0.010	0.010	0.010	0.030	0.090	0.010	0.020	0.090	0.020	0.010	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	0.3	0.9	0.1	0.2	0.9	0.2	0.1	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	0.100	0.030	0.080	0.007	0.185	0.020	0.016	0.020	0.038	0.013	0.016	0.039
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.0	0.3	0.8	0.1	1.9	0.2	0.2	0.2	0.4	0.1	0.2	0.4

Licensee Comments: none

Drill/Exercise Performance



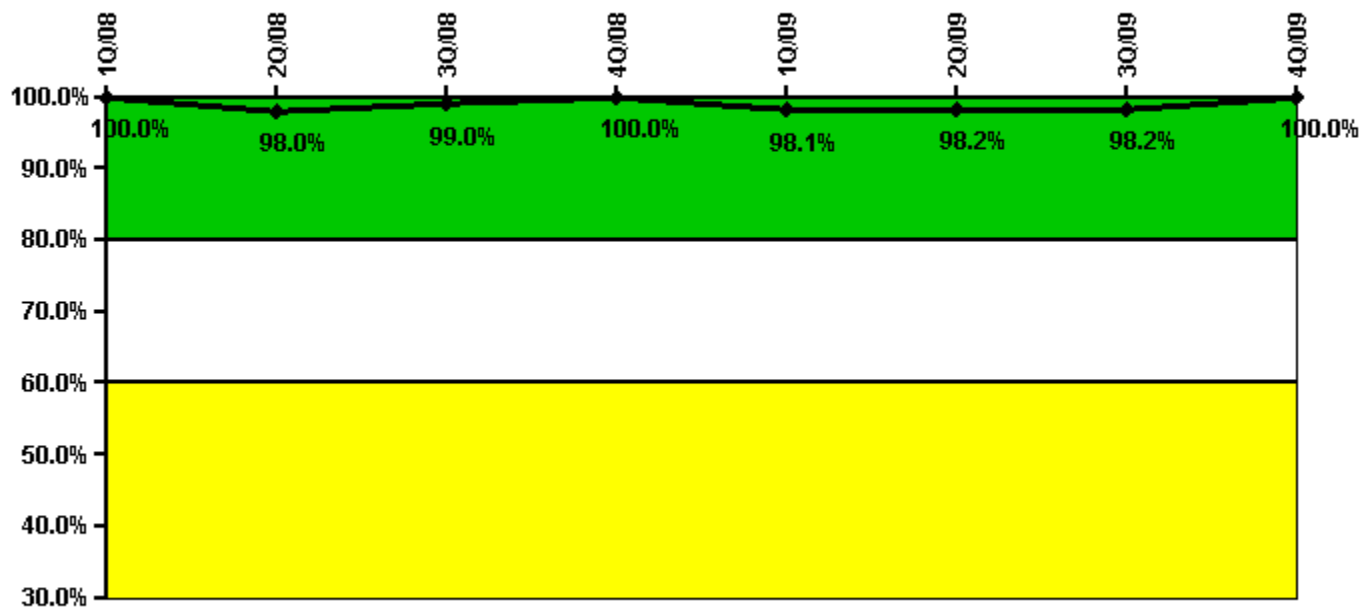
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Successful opportunities	57.0	19.0	27.0	13.0	25.0	18.0	15.0	30.0
Total opportunities	62.0	20.0	28.0	13.0	29.0	18.0	15.0	31.0
Indicator value	94.8%	94.7%	95.0%	96.2%	94.1%	94.4%	94.5%	94.4%

Licensee Comments: none

ERO Drill Participation



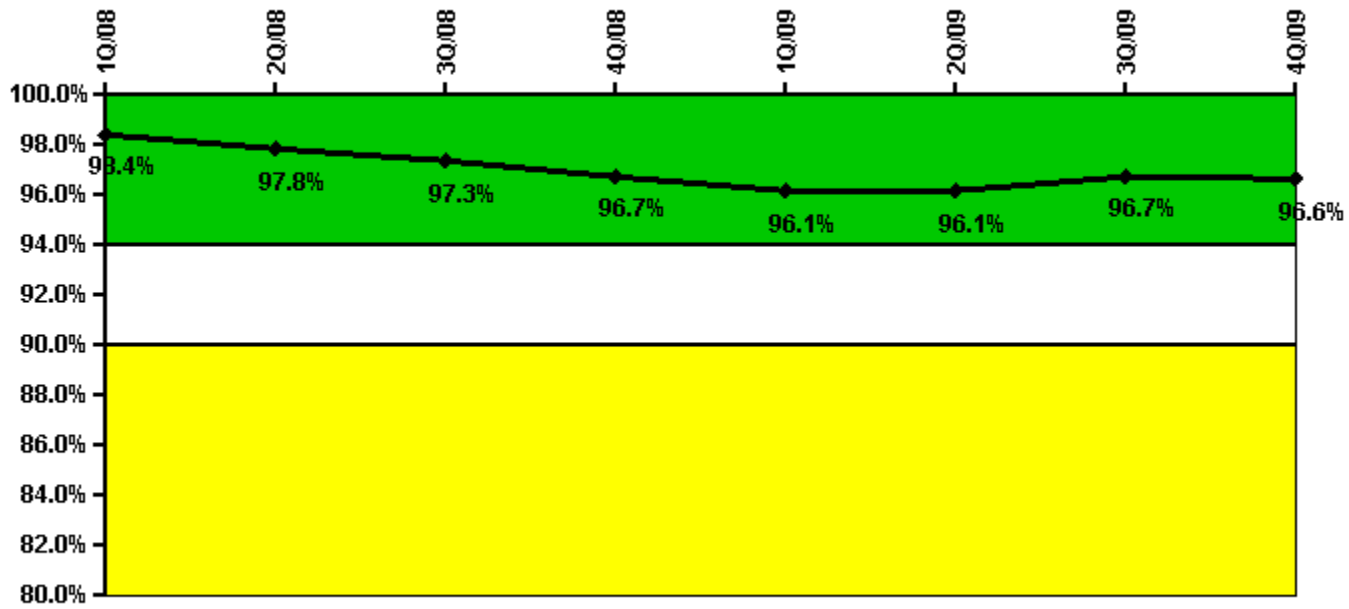
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Participating Key personnel	103.0	99.0	98.0	107.0	105.0	110.0	111.0	110.0
Total Key personnel	103.0	101.0	99.0	107.0	107.0	112.0	113.0	110.0
Indicator value	100.0%	98.0%	99.0%	100.0%	98.1%	98.2%	98.2%	100.0%

Licensee Comments: none

Alert & Notification System



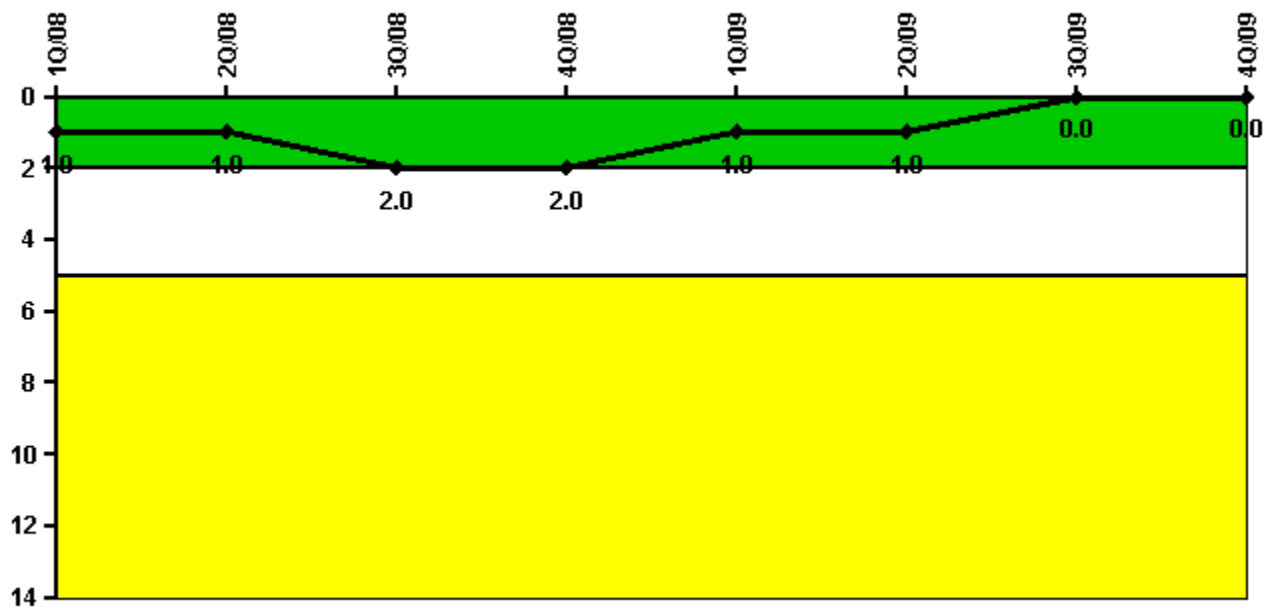
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Successful siren-tests	44	43	44	46	40	43	45	40
Total sirens-tests	45	45	45	48	42	45	45	42
Indicator value	98.4%	97.8%	97.3%	96.7%	96.1%	96.1%	96.7%	96.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness



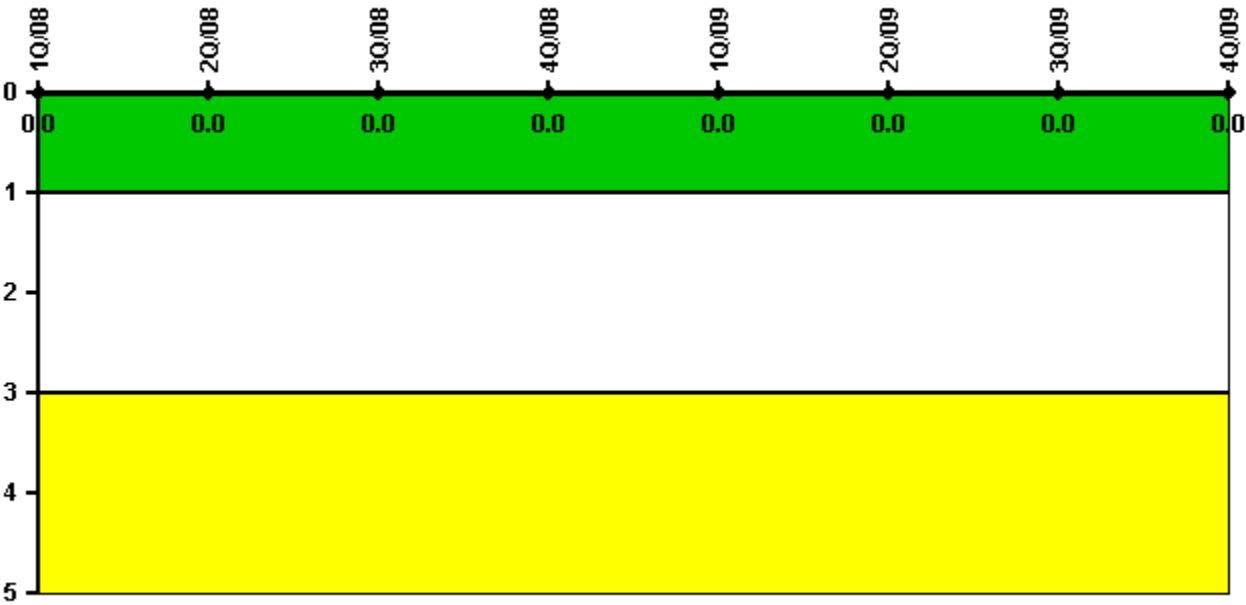
Thresholds: White > 2.0 Yellow > 5.0

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	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	1	1	2	2	1	1	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

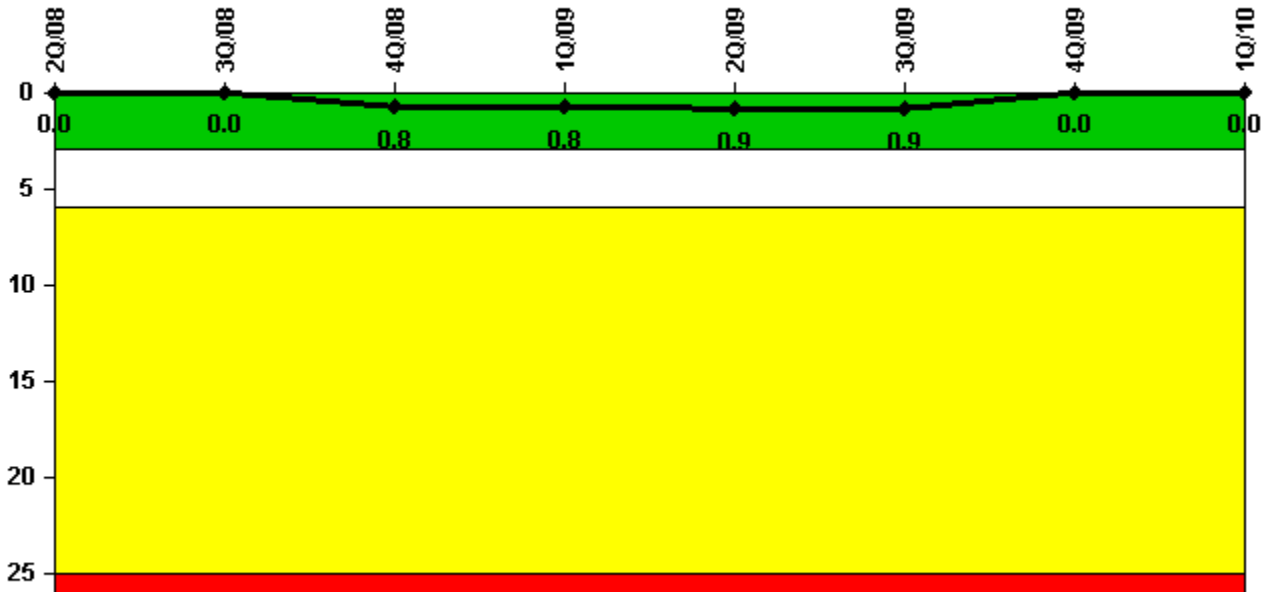
[Security](#) information not publicly available.

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1Q/2010 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



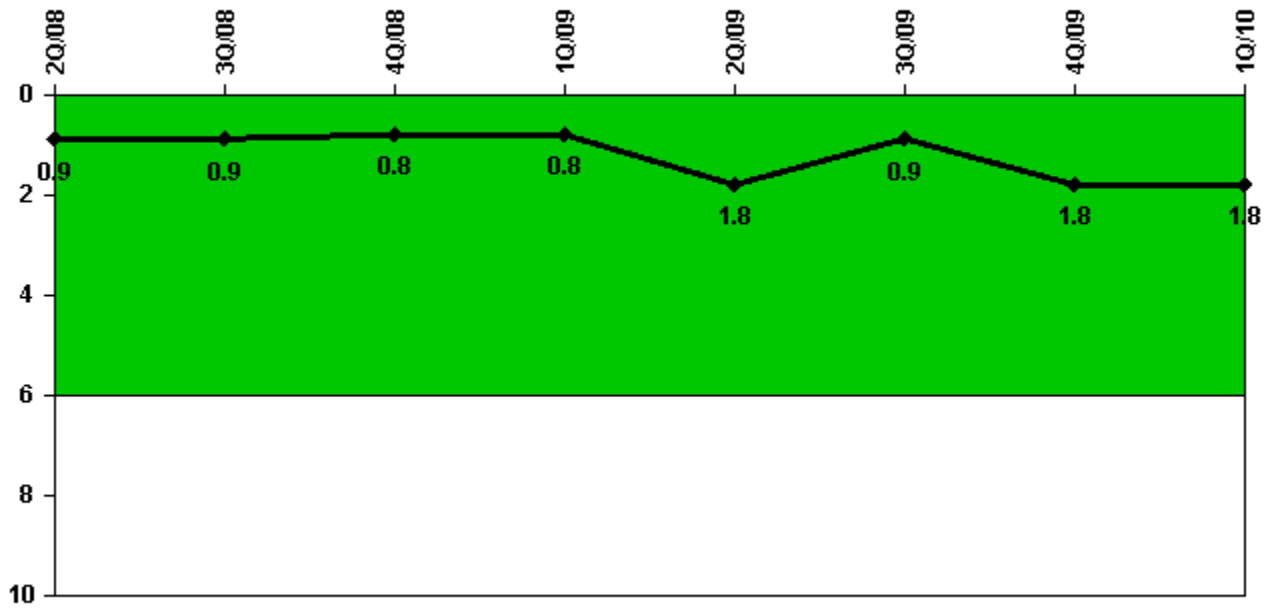
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Unplanned scrams	0	0	1.0	0	0	0	0	0
Critical hours	2184.0	2044.8	2187.7	2159.0	1373.0	2208.0	2209.0	2159.0
Indicator value	0	0	0.8	0.8	0.9	0.9	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



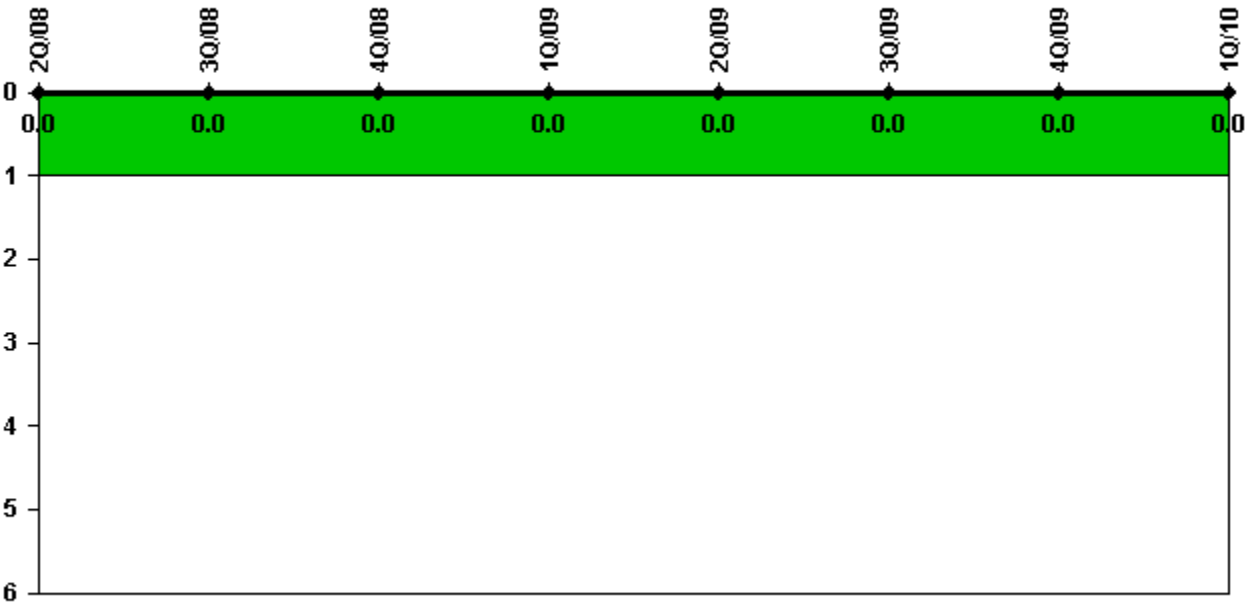
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Unplanned power changes	0	1.0	0	0	1.0	0	1.0	0
Critical hours	2184.0	2044.8	2187.7	2159.0	1373.0	2208.0	2209.0	2159.0
Indicator value	0.9	0.9	0.8	0.8	1.8	0.9	1.8	1.8

Licensee Comments: none

Unplanned Scrams with Complications



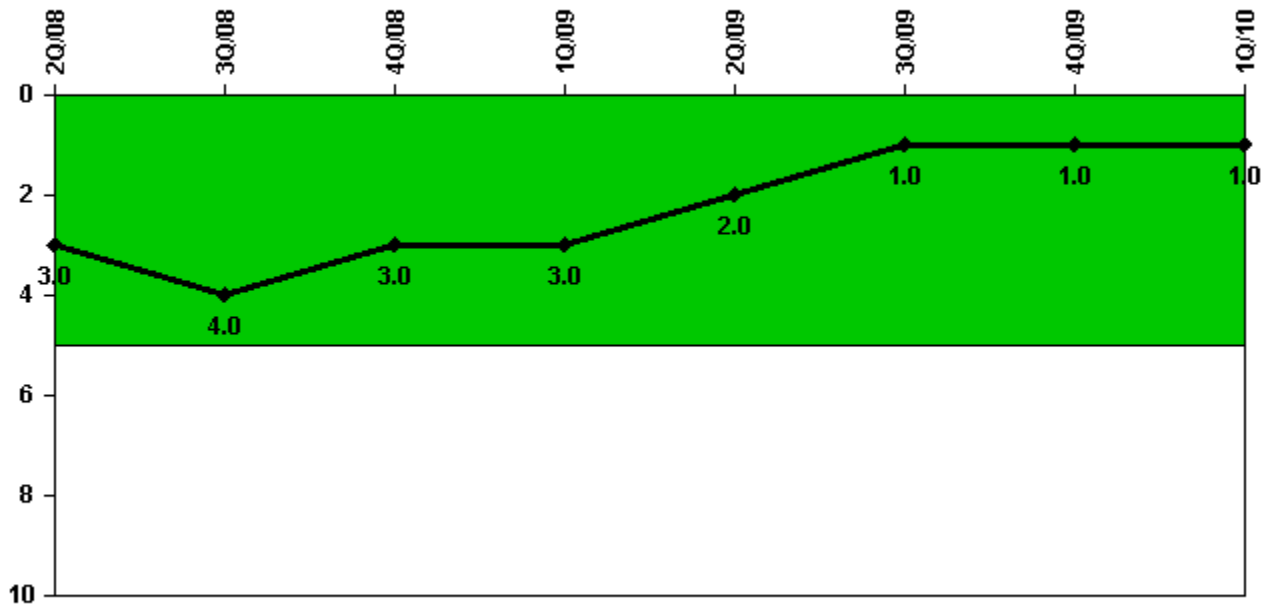
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



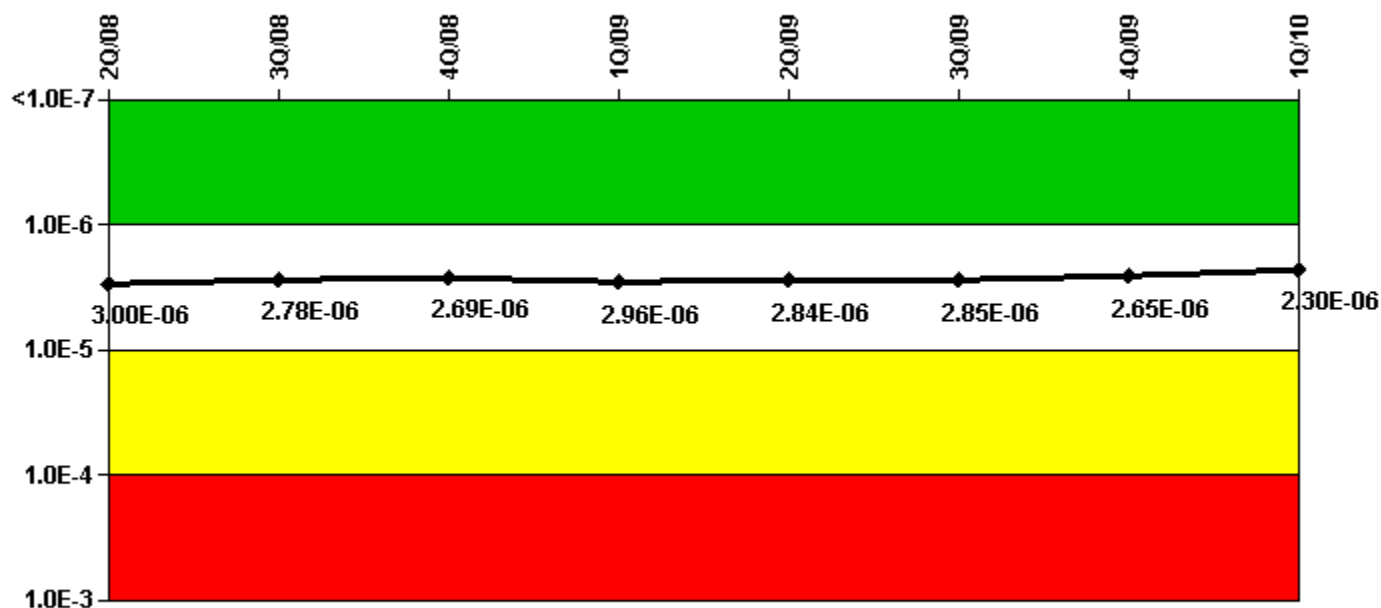
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Safety System Functional Failures	2	1	0	0	1	0	0	0
Indicator value	3	4	3	3	2	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

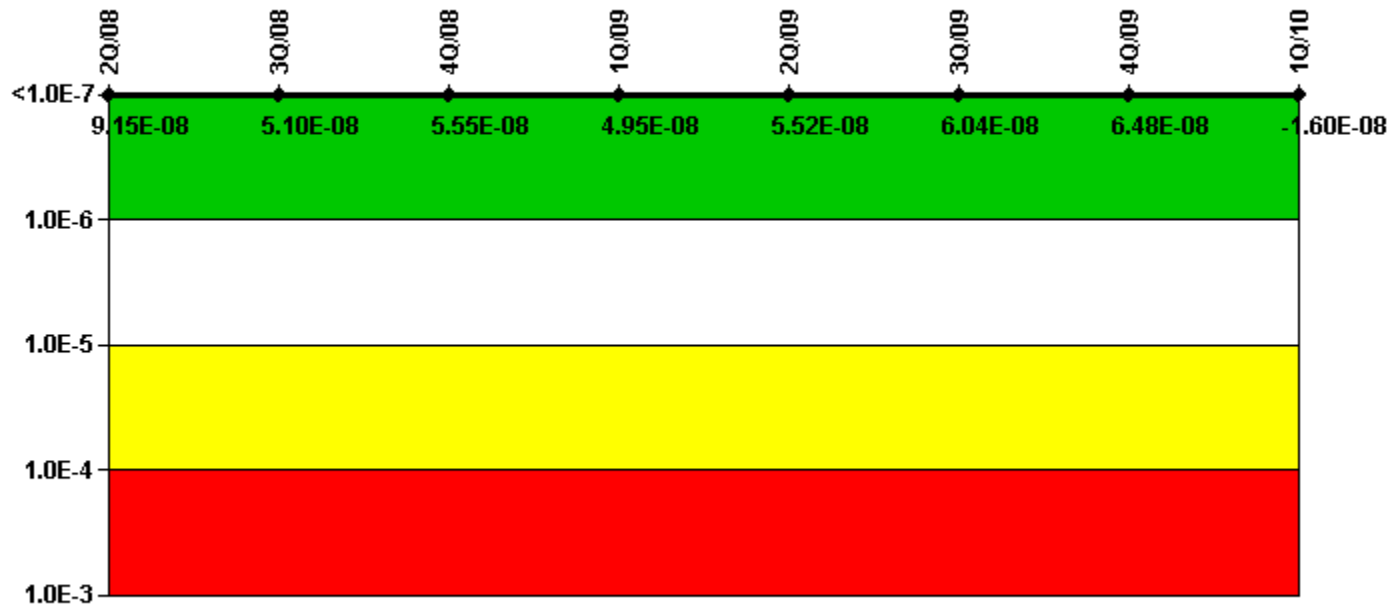
Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (ΔCDF)	1.20E-06	7.80E-07	6.90E-07	9.60E-07	8.40E-07	8.50E-07	6.50E-07	3.55E-07
URI (ΔCDF)	1.80E-06	2.00E-06	2.00E-06	2.00E-06	2.00E-06	2.00E-06	2.00E-06	1.98E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.00E-06	2.78E-06	2.69E-06	2.96E-06	2.84E-06	2.85E-06	2.65E-06	2.30E-06

Licensee Comments:

1Q/10: Risk Cap Invoked.

Mitigating Systems Performance Index, High Pressure Injection System



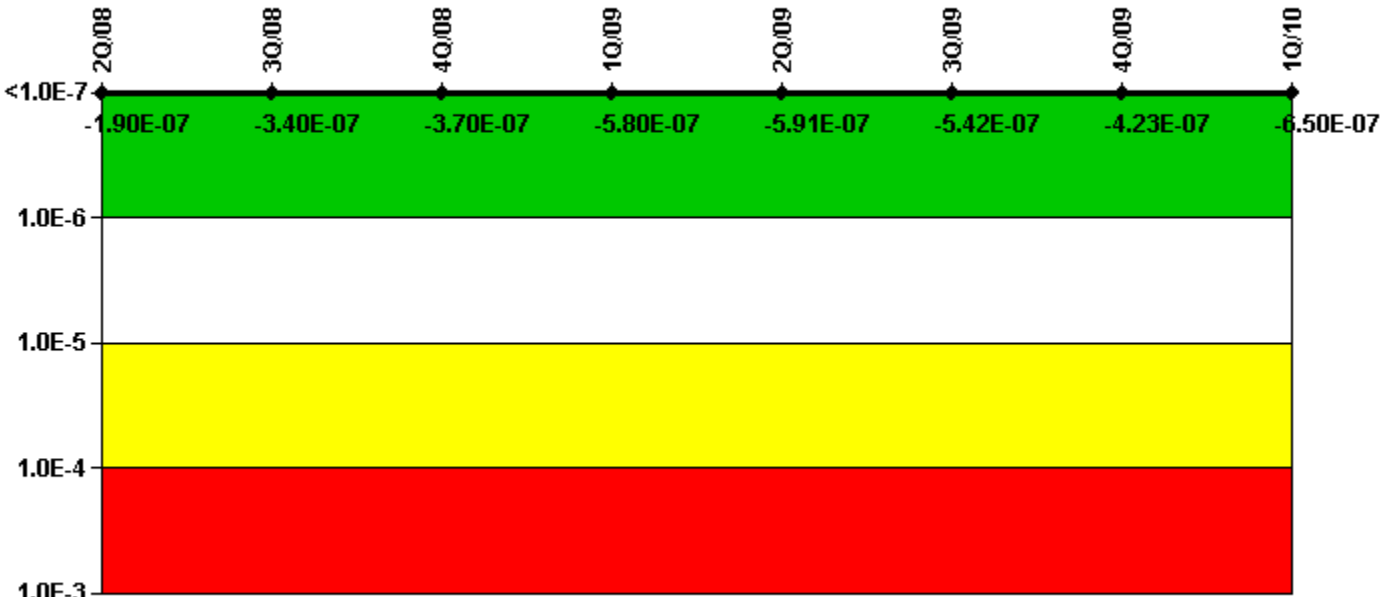
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (ΔCDF)	-8.50E-09	-8.00E-09	-3.50E-09	-9.50E-09	-3.80E-09	1.40E-09	5.80E-09	-7.53E-08
URI (ΔCDF)	1.00E-07	5.90E-08	5.90E-08	5.90E-08	5.90E-08	5.90E-08	5.90E-08	5.91E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	9.15E-08	5.10E-08	5.55E-08	4.95E-08	5.52E-08	6.04E-08	6.48E-08	-1.60E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



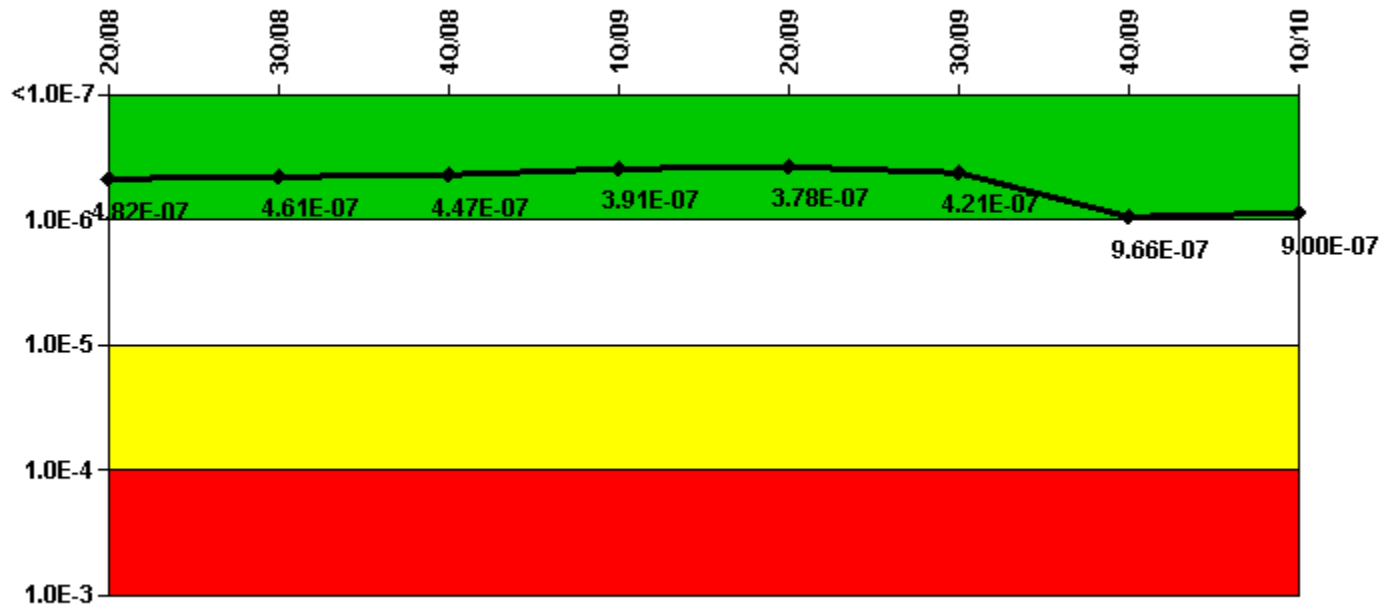
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (ΔCDF)	3.30E-07	1.60E-07	1.30E-07	-8.00E-08	-9.10E-08	-4.20E-08	7.70E-08	-1.43E-07
URI (ΔCDF)	-5.20E-07	-5.00E-07	-5.00E-07	-5.00E-07	-5.00E-07	-5.00E-07	-5.00E-07	-5.04E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.90E-07	-3.40E-07	-3.70E-07	-5.80E-07	-5.91E-07	-5.42E-07	-4.23E-07	-6.50E-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

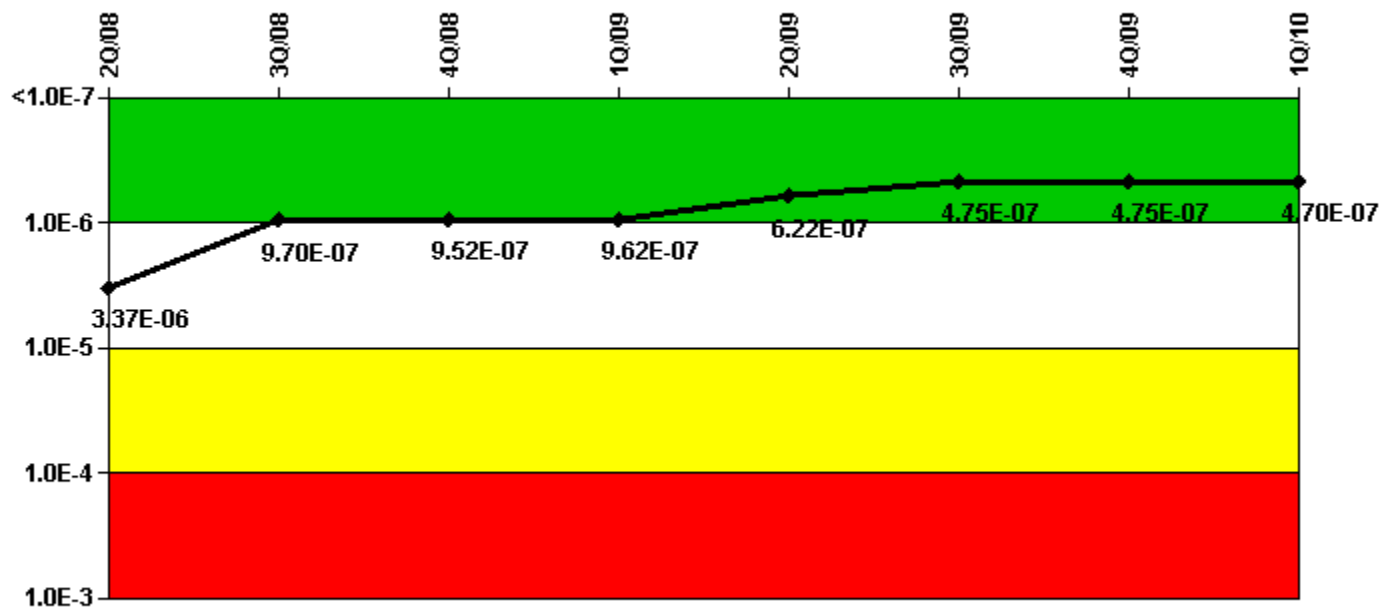
Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (ΔCDF)	2.20E-08	5.10E-08	3.70E-08	-1.90E-08	-3.20E-08	1.10E-08	5.60E-08	-1.18E-08
URI (ΔCDF)	4.60E-07	4.10E-07	4.10E-07	4.10E-07	4.10E-07	4.10E-07	9.10E-07	9.14E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.82E-07	4.61E-07	4.47E-07	3.91E-07	3.78E-07	4.21E-07	9.66E-07	9.00E-07

Licensee Comments:

1Q/10: Risk Cap Invoked.

Mitigating Systems Performance Index, Cooling Water Systems



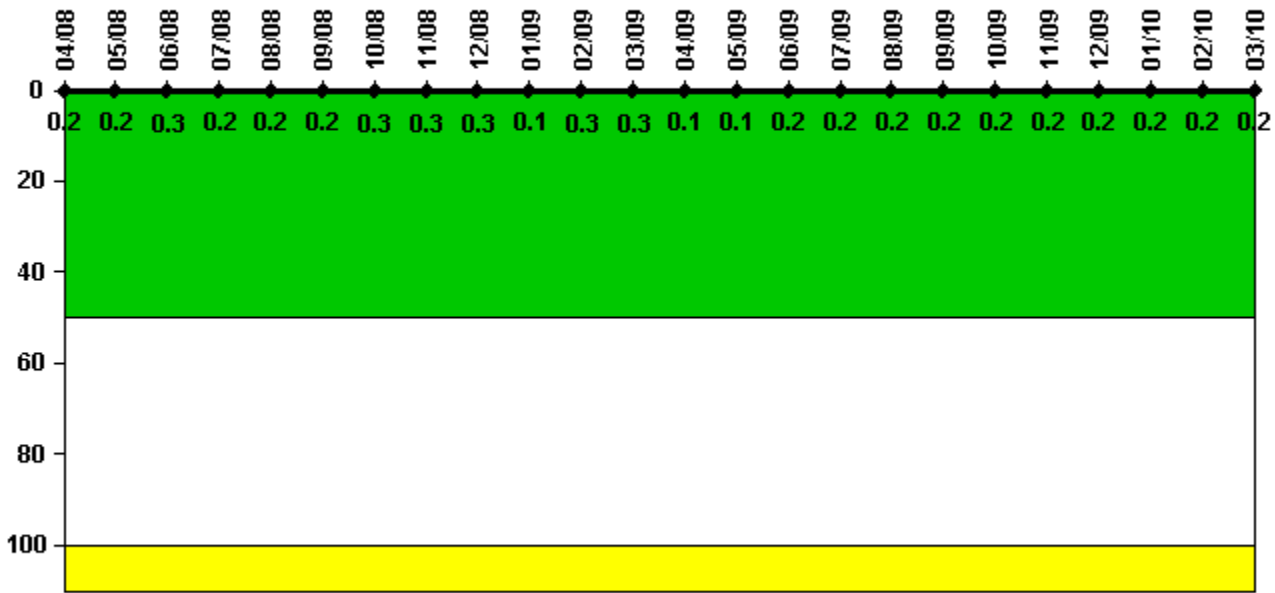
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (ΔCDF)	3.70E-07	4.00E-08	2.20E-08	2.20E-08	2.20E-08	2.50E-08	2.50E-08	1.96E-08
URI (ΔCDF)	3.00E-06	9.30E-07	9.30E-07	9.40E-07	6.00E-07	4.50E-07	4.50E-07	4.52E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.37E-06	9.70E-07	9.52E-07	9.62E-07	6.22E-07	4.75E-07	4.75E-07	4.70E-07

Licensee Comments: none

Reactor Coolant System Activity



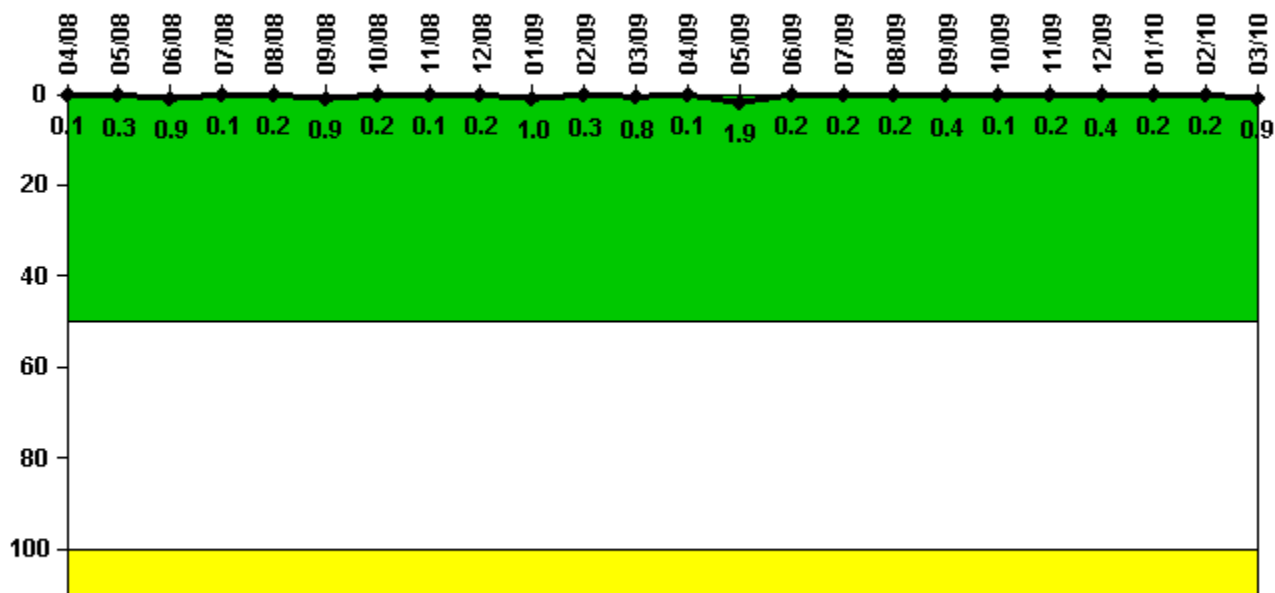
Thresholds: White > 50.0 Yellow > 100.0

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	0.001166	0.001242	0.001619	0.001189	0.001180	0.001170	0.001280	0.001290	0.001530	0.000284	0.001570	0.001590
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.2	0.2	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.1	0.3	0.3
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	0.000366	0.000692	0.000856	0.000876	0.000909	0.000975	0.000971	0.001050	0.001140	0.001050	0.001060	0.001070
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

Licensee Comments: none

Reactor Coolant System Leakage



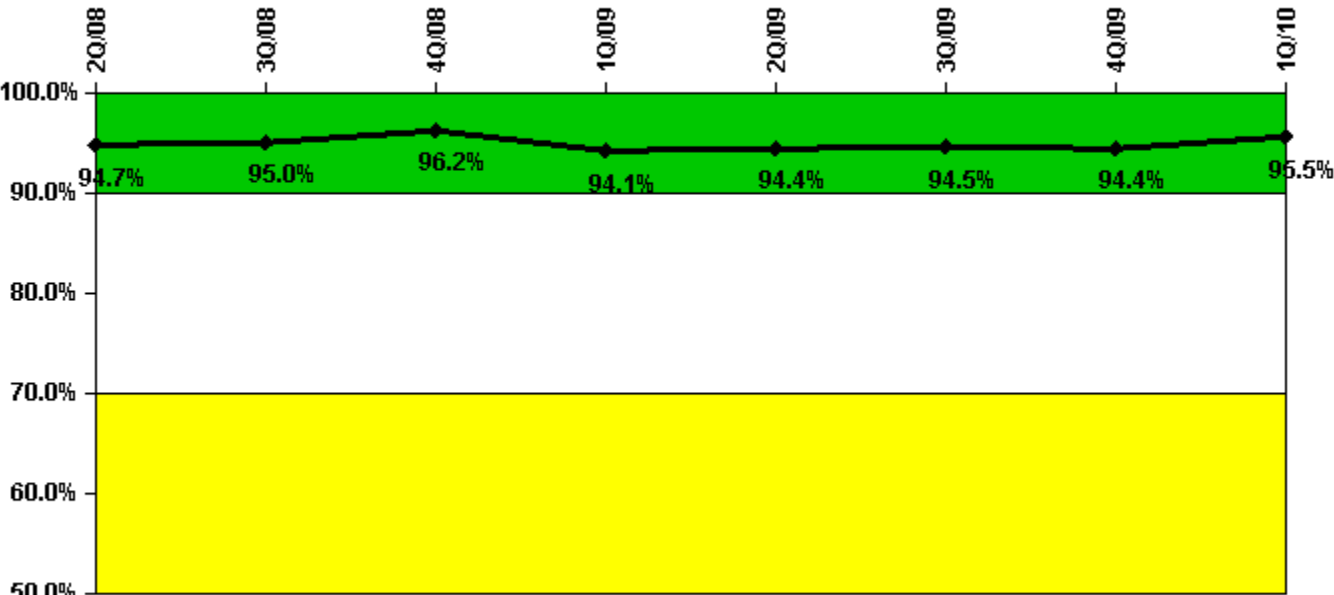
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	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	0.010	0.030	0.090	0.010	0.020	0.090	0.020	0.010	0.020	0.100	0.030	0.080
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.3	0.9	0.1	0.2	0.9	0.2	0.1	0.2	1.0	0.3	0.8
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	0.007	0.185	0.020	0.016	0.020	0.038	0.013	0.016	0.039	0.019	0.017	0.088
Technical specification limit	10.0	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	1.9	0.2	0.2	0.2	0.4	0.1	0.2	0.4	0.2	0.2	0.9

Licensee Comments: none

Drill/Exercise Performance



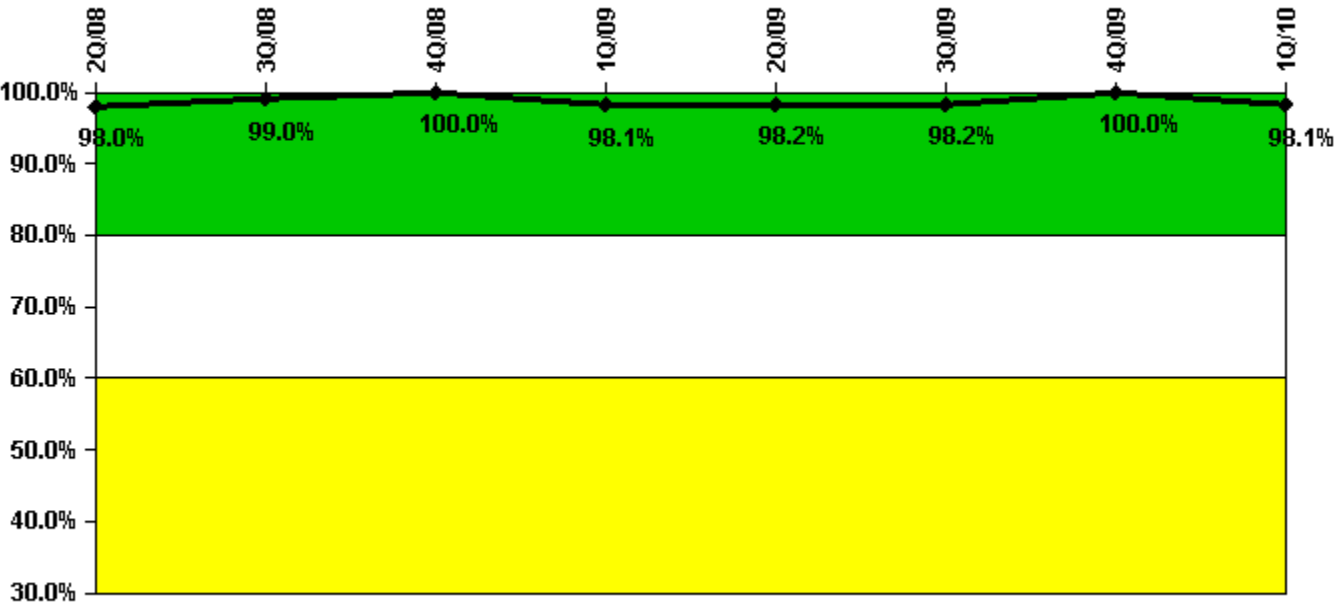
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Successful opportunities	19.0	27.0	13.0	25.0	18.0	15.0	30.0	21.0
Total opportunities	20.0	28.0	13.0	29.0	18.0	15.0	31.0	22.0
Indicator value	94.7%	95.0%	96.2%	94.1%	94.4%	94.5%	94.4%	95.5%

Licensee Comments: none

ERO Drill Participation



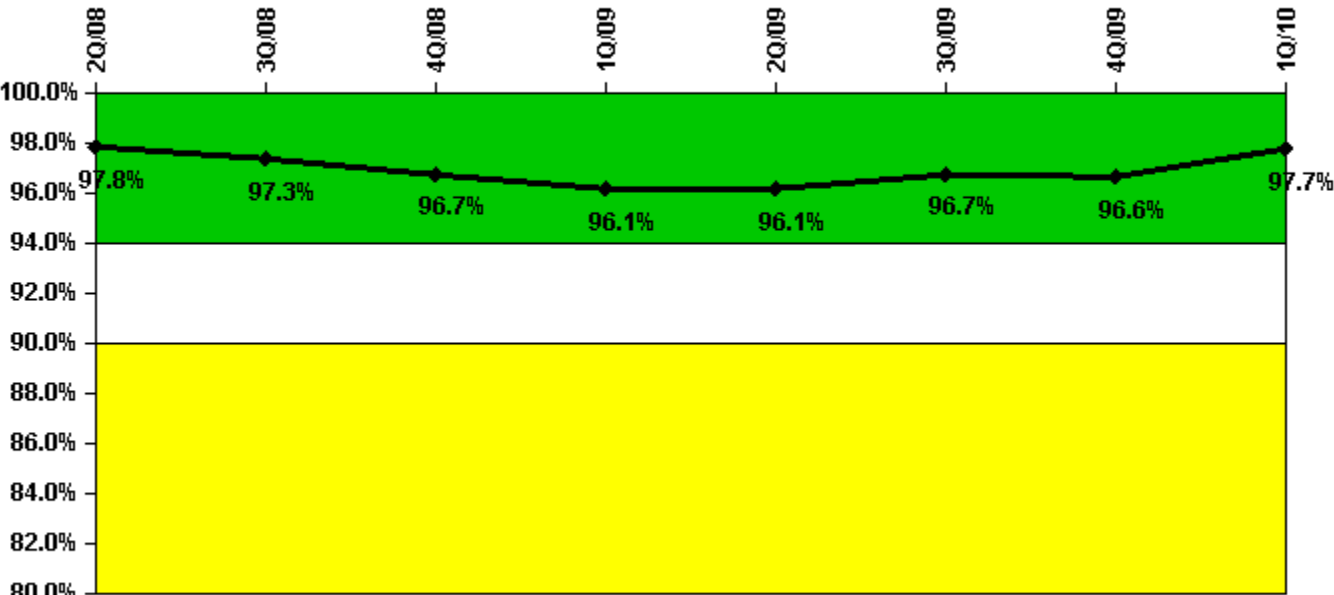
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Participating Key personnel	99.0	98.0	107.0	105.0	110.0	111.0	110.0	102.0
Total Key personnel	101.0	99.0	107.0	107.0	112.0	113.0	110.0	104.0
Indicator value	98.0%	99.0%	100.0%	98.1%	98.2%	98.2%	100.0%	98.1%

Licensee Comments: none

Alert & Notification System



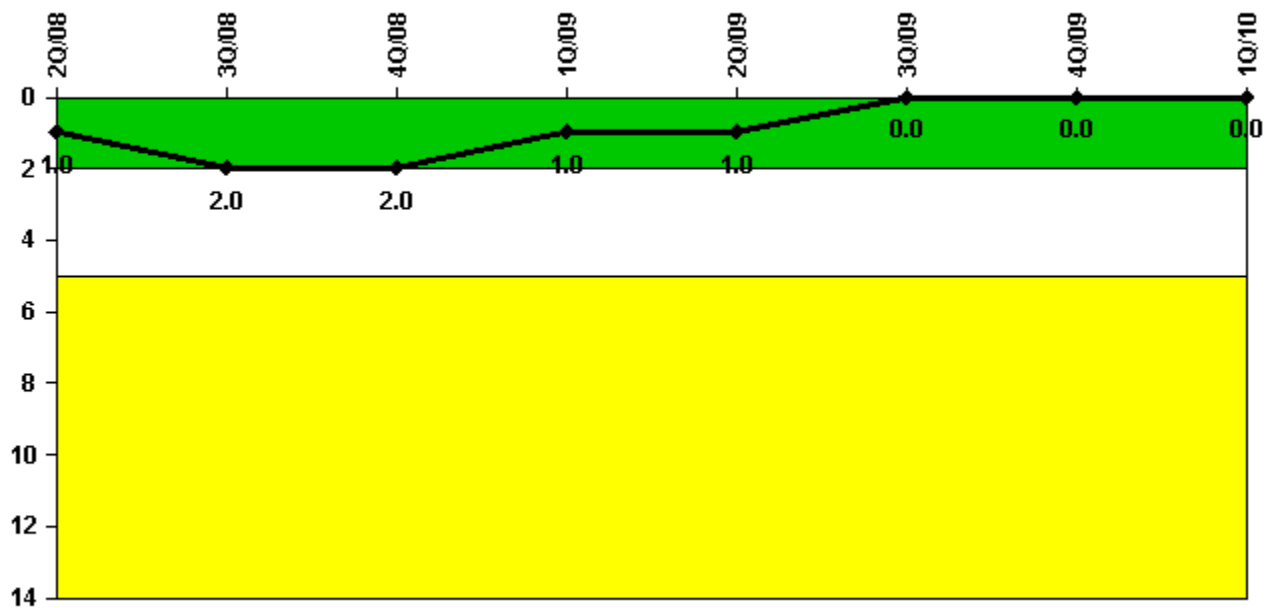
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Successful siren-tests	43	44	46	40	43	45	40	42
Total sirens-tests	45	45	48	42	45	45	42	42
Indicator value	97.8%	97.3%	96.7%	96.1%	96.1%	96.7%	96.6%	97.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



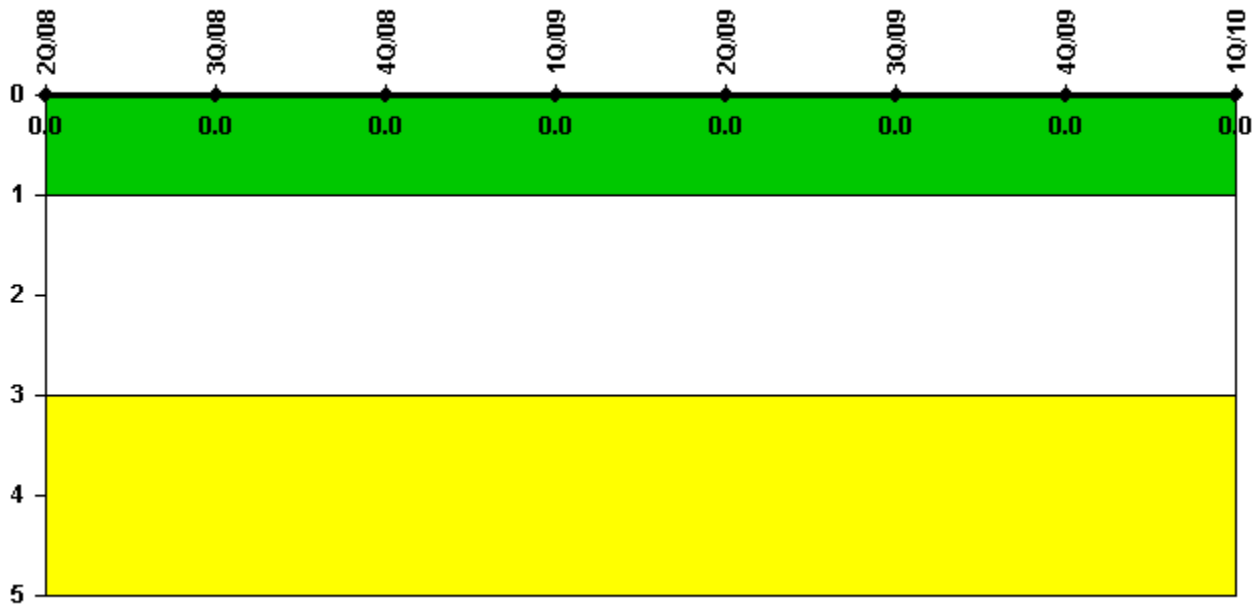
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
High radiation area occurrences	0	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	1	2	2	1	1	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/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

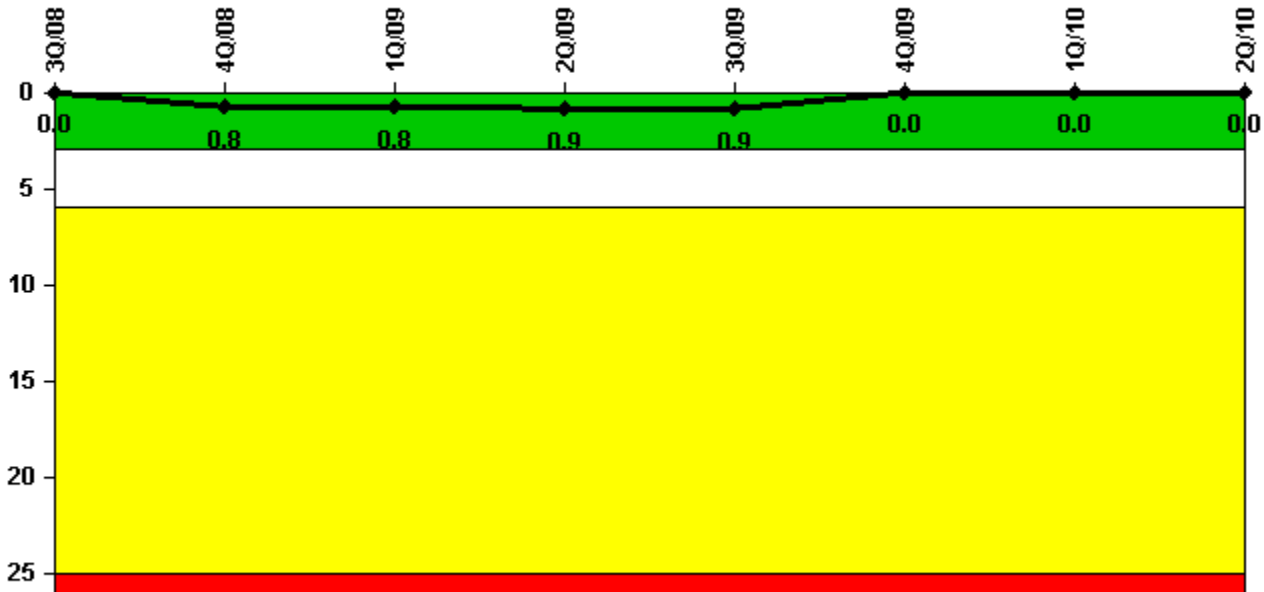
[Security](#) information not publicly available.

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2Q/2010 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



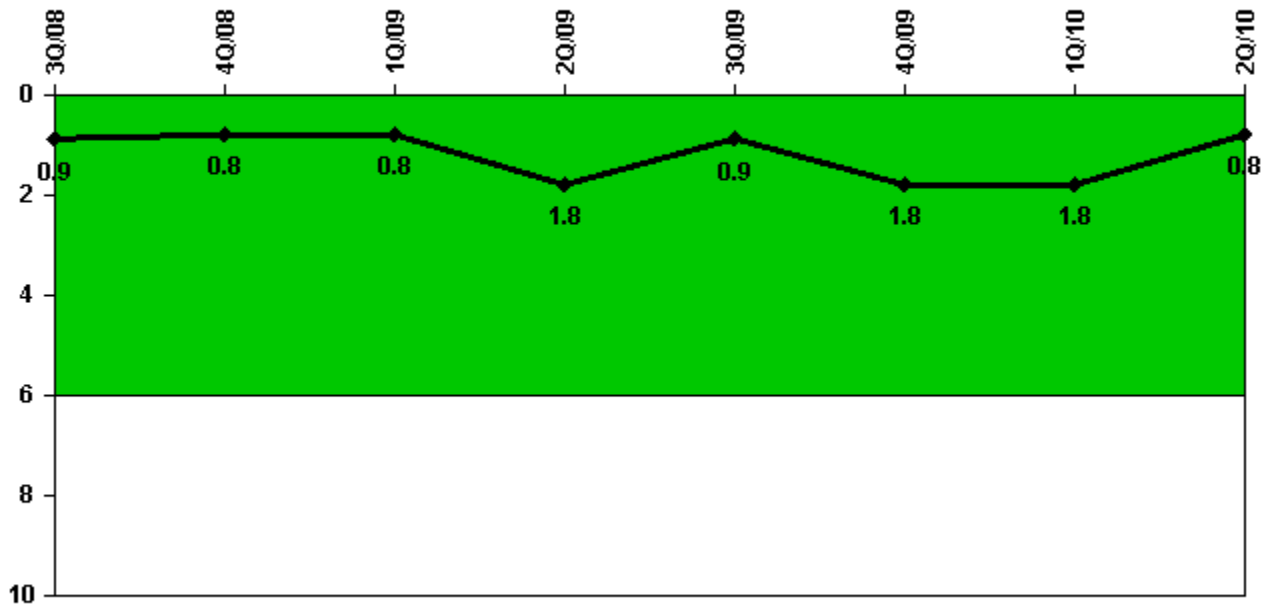
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	0	1.0	0	0	0	0	0	0
Critical hours	2044.8	2187.7	2159.0	1373.0	2208.0	2209.0	2159.0	2184.0
Indicator value	0	0.8	0.8	0.9	0.9	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



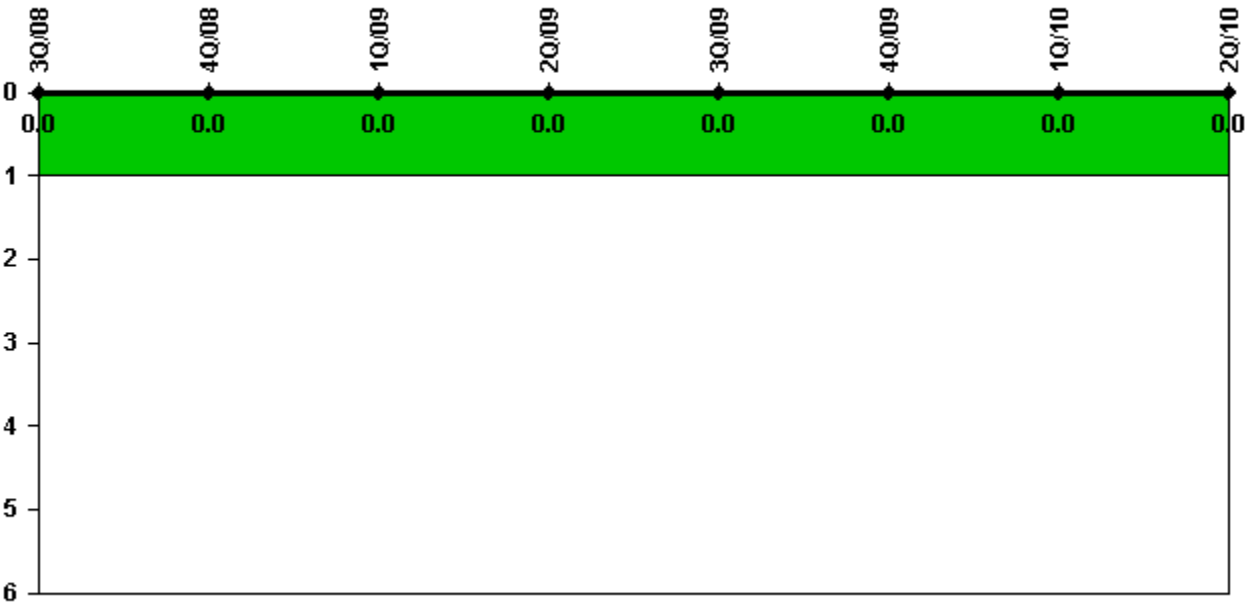
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Unplanned power changes	1.0	0	0	1.0	0	1.0	0	0
Critical hours	2044.8	2187.7	2159.0	1373.0	2208.0	2209.0	2159.0	2184.0
Indicator value	0.9	0.8	0.8	1.8	0.9	1.8	1.8	0.8

Licensee Comments: none

Unplanned Scrams with Complications



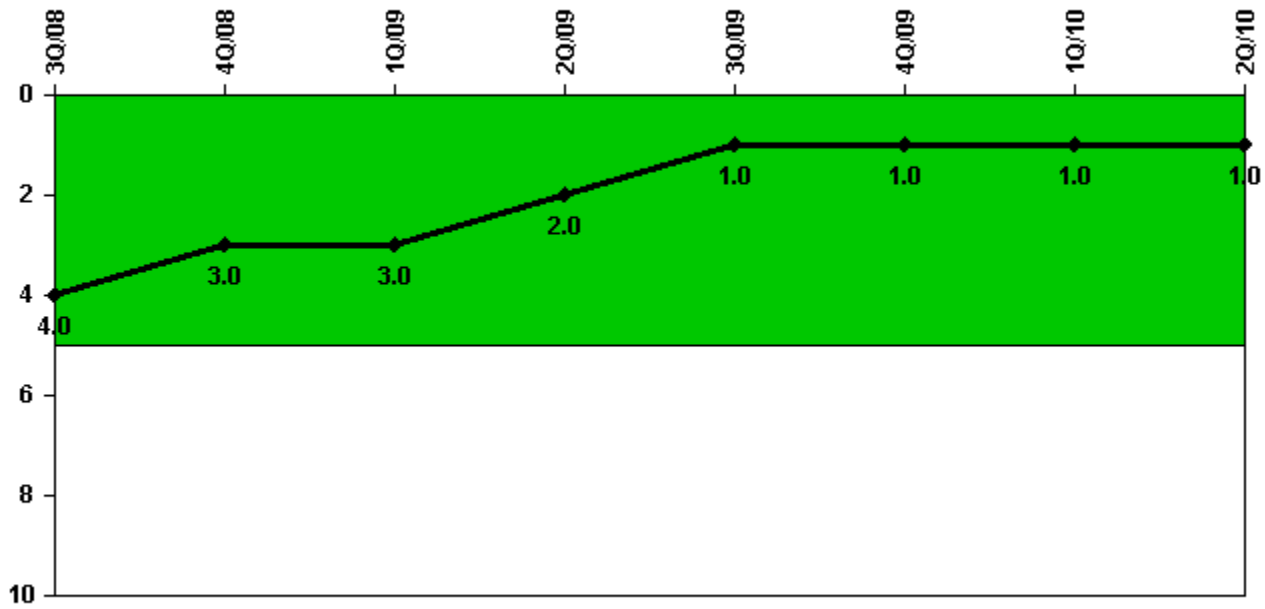
Thresholds: White > 1.0

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)



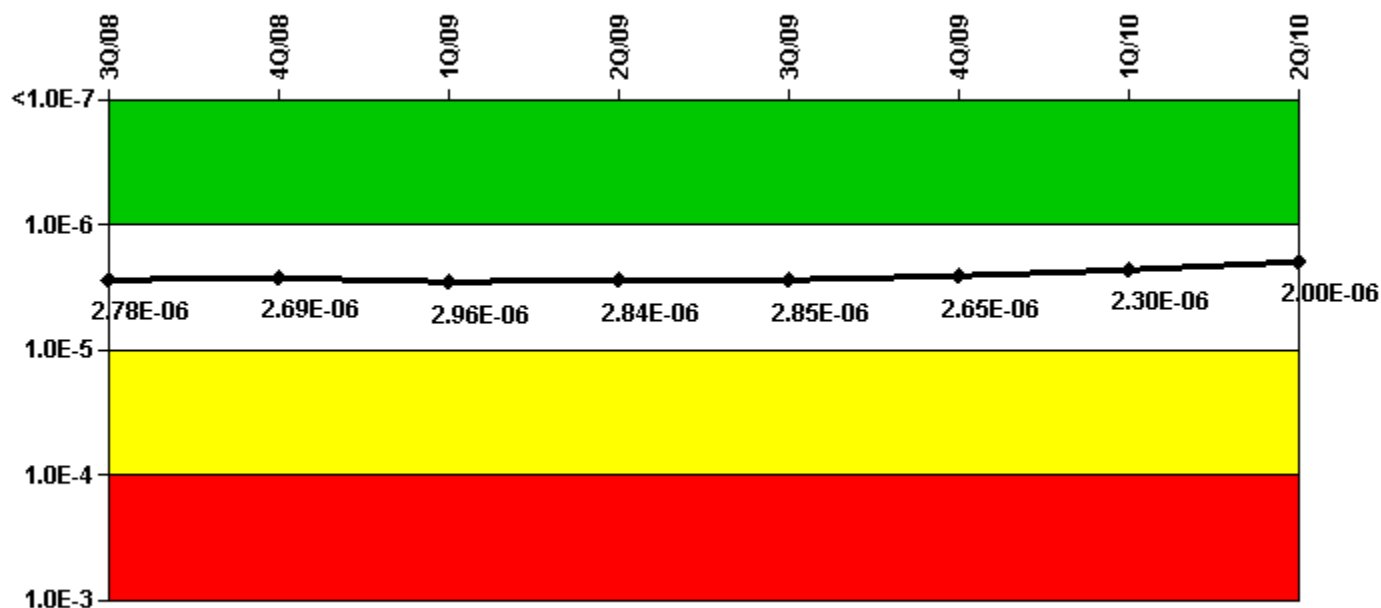
Thresholds: White > 5.0

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	1	0	0	1	0	0	0	1
Indicator value	4	3	3	2	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

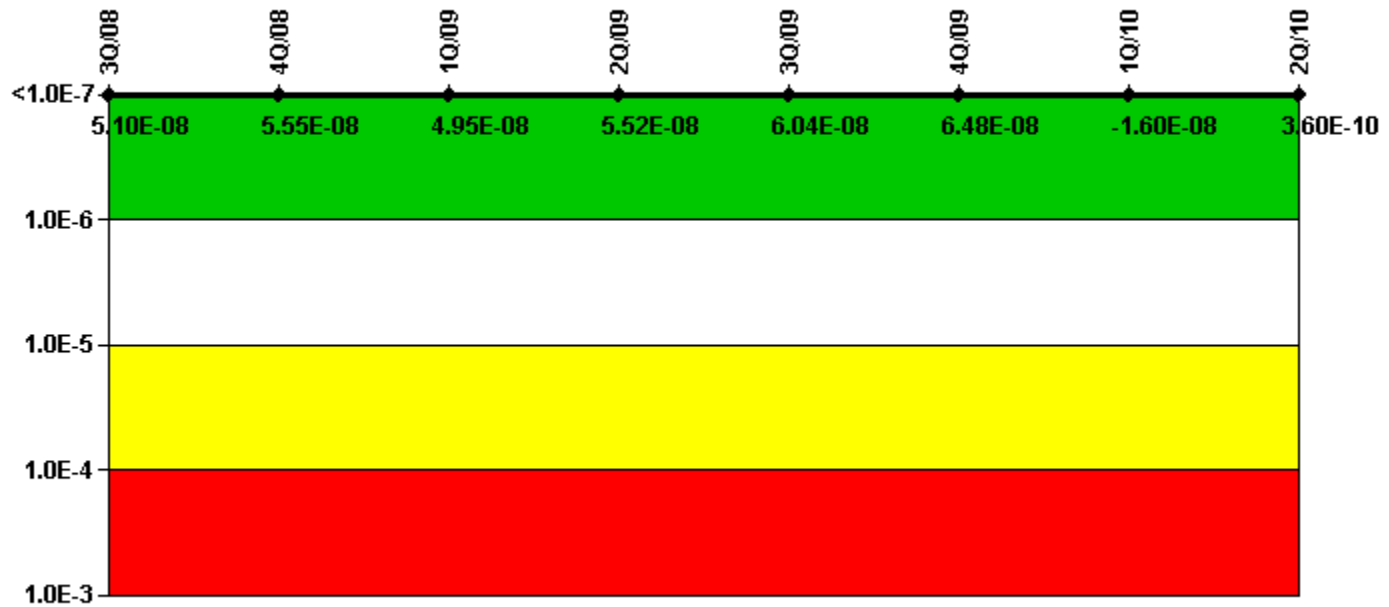
Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (ΔCDF)	7.80E-07	6.90E-07	9.60E-07	8.40E-07	8.50E-07	6.50E-07	3.55E-07	3.69E-07
URI (ΔCDF)	2.00E-06	2.00E-06	2.00E-06	2.00E-06	2.00E-06	2.00E-06	1.98E-06	1.64E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.78E-06	2.69E-06	2.96E-06	2.84E-06	2.85E-06	2.65E-06	2.30E-06	2.00E-06

Licensee Comments:

2Q/10: Risk Cap Invoked.

Mitigating Systems Performance Index, High Pressure Injection System



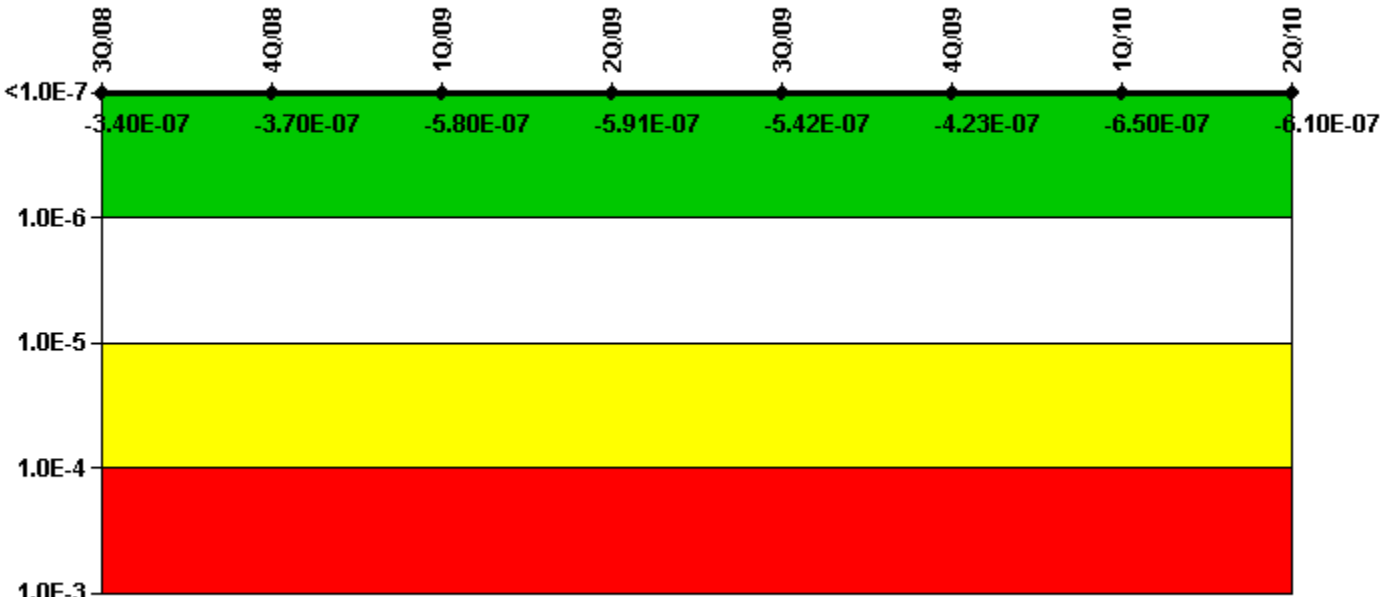
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	-8.00E-09	-3.50E-09	-9.50E-09	-3.80E-09	1.40E-09	5.80E-09	-7.53E-08	-5.88E-08
URI (Δ CDF)	5.90E-08	5.90E-08	5.90E-08	5.90E-08	5.90E-08	5.90E-08	5.91E-08	5.92E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	5.10E-08	5.55E-08	4.95E-08	5.52E-08	6.04E-08	6.48E-08	-1.60E-08	3.60E-10

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



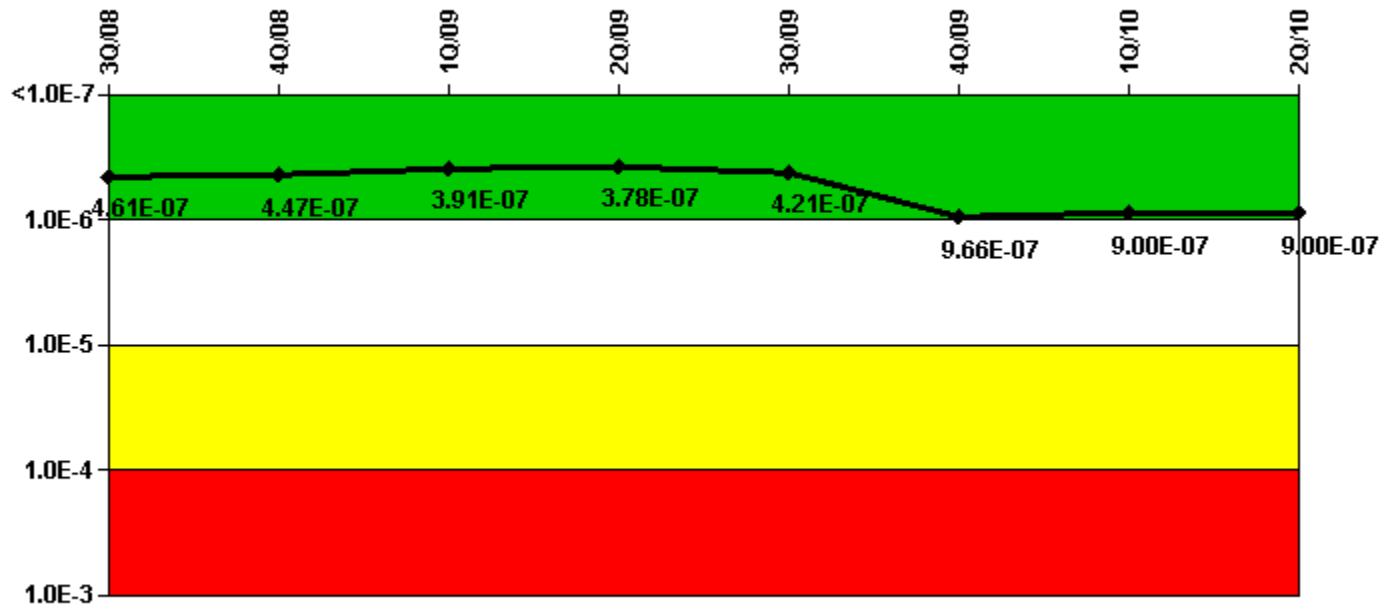
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (ΔCDF)	1.60E-07	1.30E-07	-8.00E-08	-9.10E-08	-4.20E-08	7.70E-08	-1.43E-07	-1.01E-07
URI (ΔCDF)	-5.00E-07	-5.00E-07	-5.00E-07	-5.00E-07	-5.00E-07	-5.00E-07	-5.04E-07	-5.04E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.40E-07	-3.70E-07	-5.80E-07	-5.91E-07	-5.42E-07	-4.23E-07	-6.50E-07	-6.10E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



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

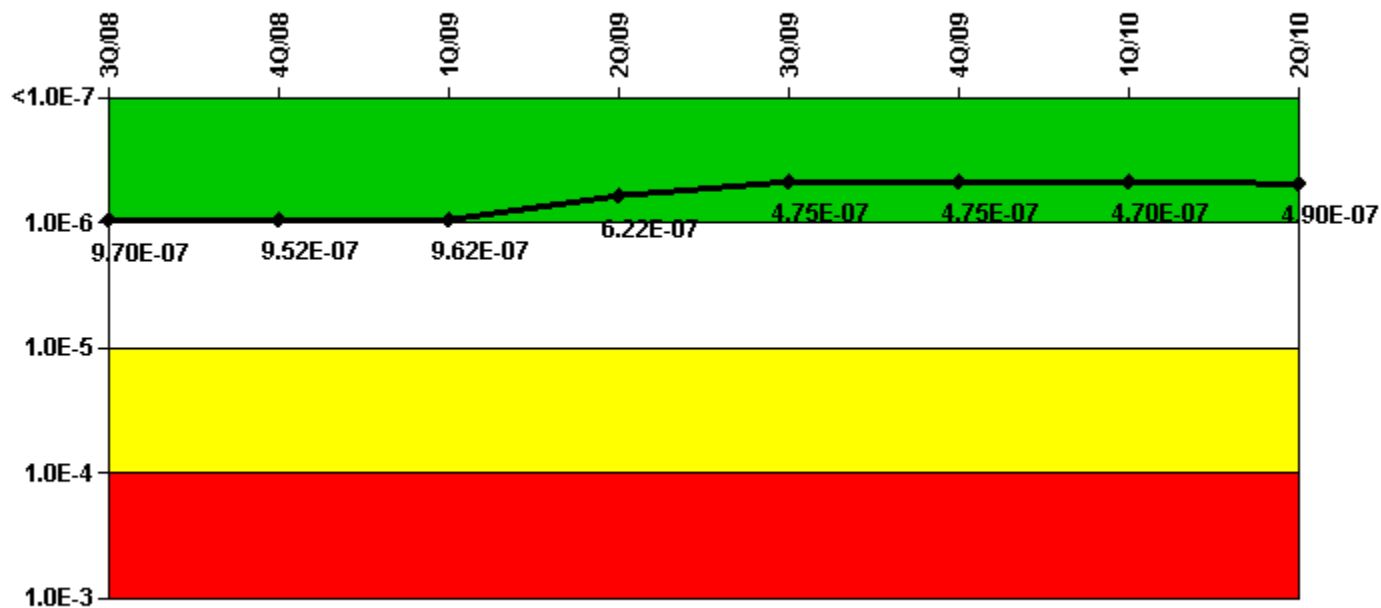
Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (ΔCDF)	5.10E-08	3.70E-08	-1.90E-08	-3.20E-08	1.10E-08	5.60E-08	-1.18E-08	-1.18E-08
URI (ΔCDF)	4.10E-07	4.10E-07	4.10E-07	4.10E-07	4.10E-07	9.10E-07	9.14E-07	9.14E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.61E-07	4.47E-07	3.91E-07	3.78E-07	4.21E-07	9.66E-07	9.00E-07	9.00E-07

Licensee Comments:

2Q/10: Risk Cap Invoked.

Mitigating Systems Performance Index, Cooling Water Systems



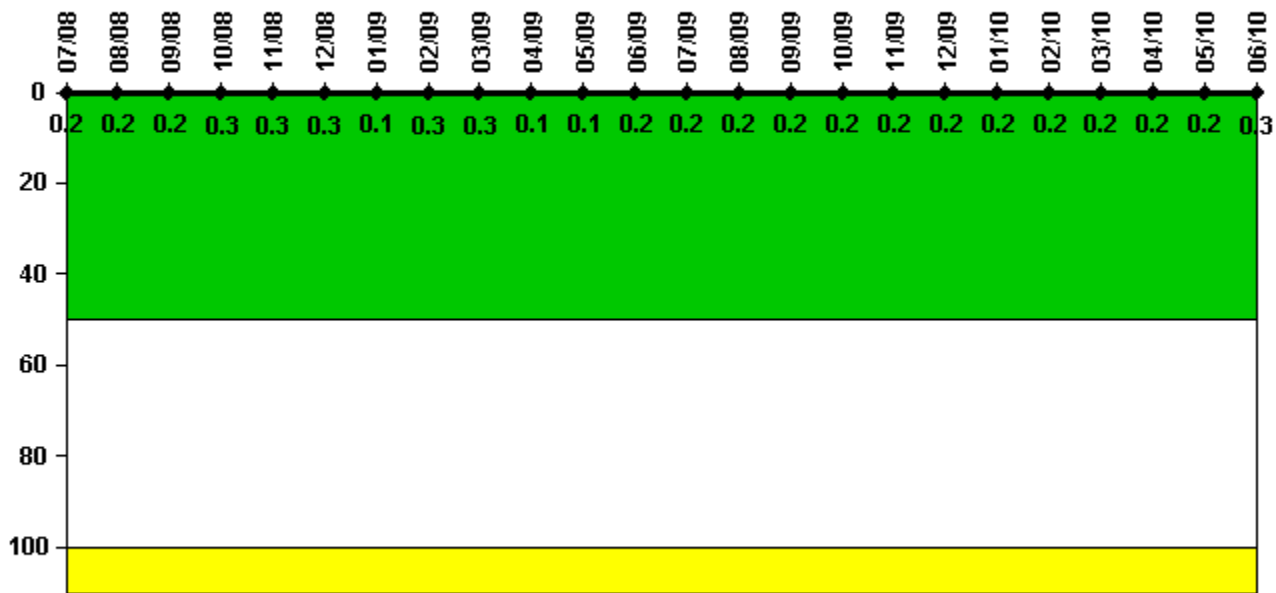
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (ΔCDF)	4.00E-08	2.20E-08	2.20E-08	2.20E-08	2.50E-08	2.50E-08	1.96E-08	3.44E-08
URI (ΔCDF)	9.30E-07	9.30E-07	9.40E-07	6.00E-07	4.50E-07	4.50E-07	4.52E-07	4.54E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	9.70E-07	9.52E-07	9.62E-07	6.22E-07	4.75E-07	4.75E-07	4.70E-07	4.90E-07

Licensee Comments: none

Reactor Coolant System Activity



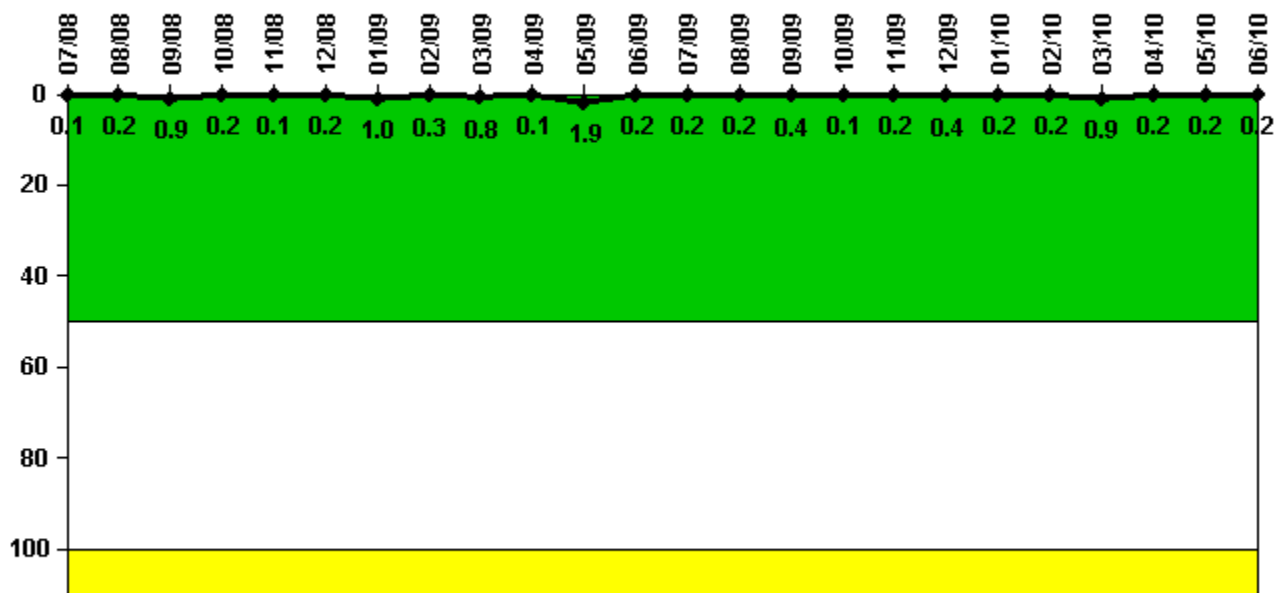
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09	4/09	5/09	6/09
Maximum activity	0.001189	0.001180	0.001170	0.001280	0.001290	0.001530	0.000284	0.001570	0.001590	0.000366	0.000692	0.000856
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.2	0.2	0.2	0.3	0.3	0.3	0.1	0.3	0.3	0.1	0.1	0.2
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	0.000876	0.000909	0.000975	0.000971	0.001050	0.001140	0.001050	0.001060	0.001070	0.001150	0.001190	0.001290
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
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

Licensee Comments: none

Reactor Coolant System Leakage



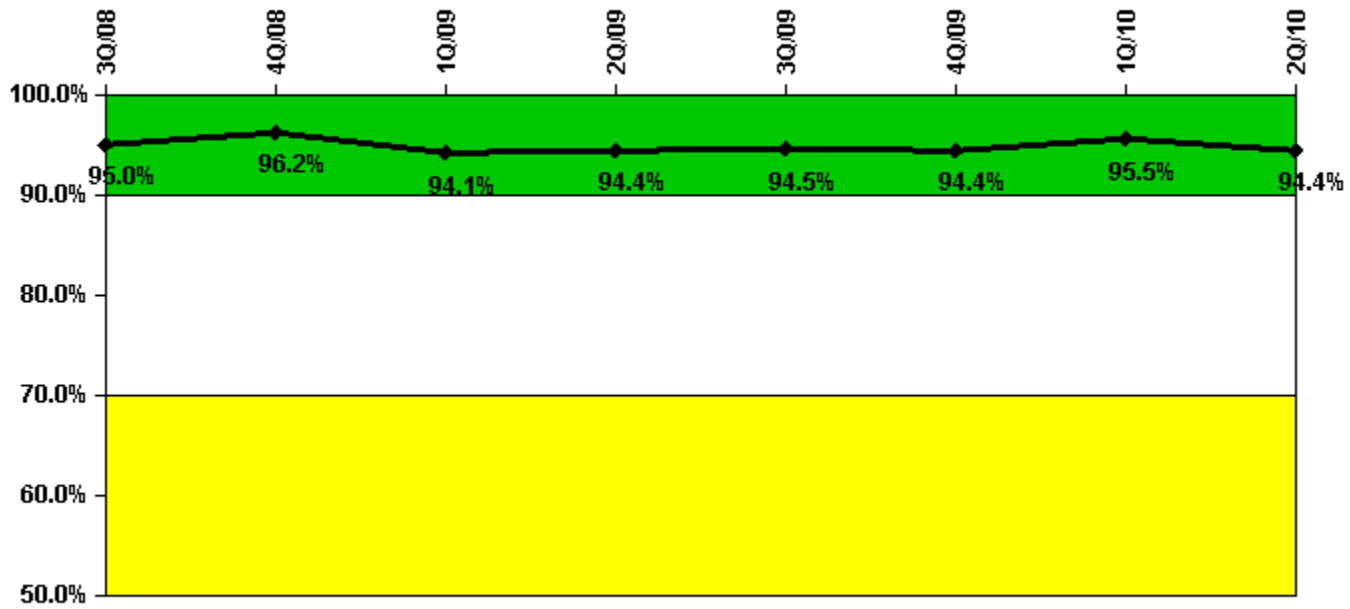
Thresholds: White > 50.0 Yellow > 100.0

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	0.010	0.020	0.090	0.020	0.010	0.020	0.100	0.030	0.080	0.007	0.185	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	0.2	0.9	0.2	0.1	0.2	1.0	0.3	0.8	0.1	1.9	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	0.016	0.020	0.038	0.013	0.016	0.039	0.019	0.017	0.088	0.017	0.015	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	0.2	0.2	0.4	0.1	0.2	0.4	0.2	0.2	0.9	0.2	0.2	0.2

Licensee Comments: none

Drill/Exercise Performance



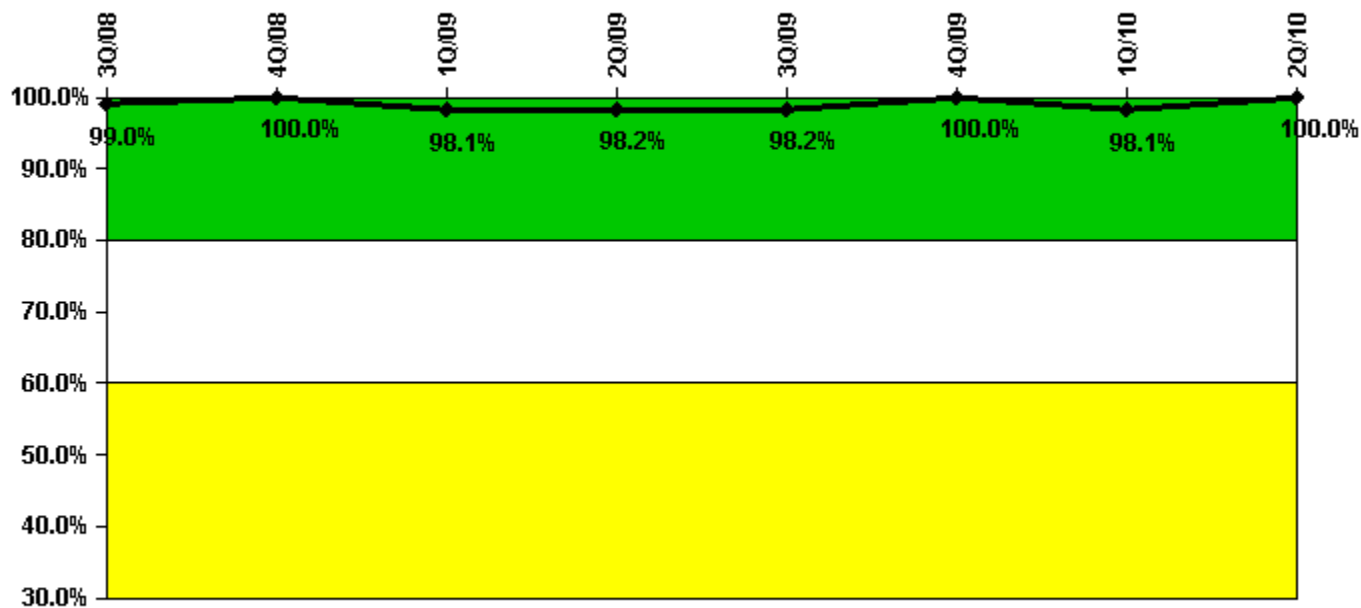
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Successful opportunities	27.0	13.0	25.0	18.0	15.0	30.0	21.0	20.0
Total opportunities	28.0	13.0	29.0	18.0	15.0	31.0	22.0	23.0
Indicator value	95.0%	96.2%	94.1%	94.4%	94.5%	94.4%	95.5%	94.4%

Licensee Comments: none

ERO Drill Participation



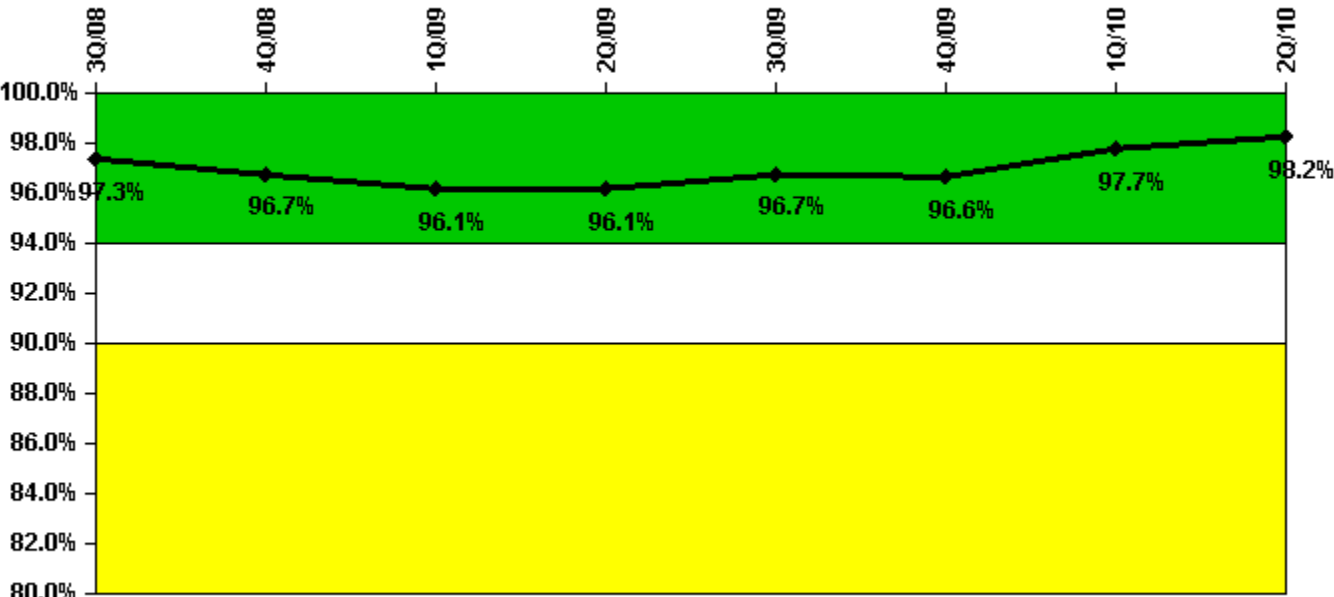
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Participating Key personnel	98.0	107.0	105.0	110.0	111.0	110.0	102.0	105.0
Total Key personnel	99.0	107.0	107.0	112.0	113.0	110.0	104.0	105.0
Indicator value	99.0%	100.0%	98.1%	98.2%	98.2%	100.0%	98.1%	100.0%

Licensee Comments: none

Alert & Notification System



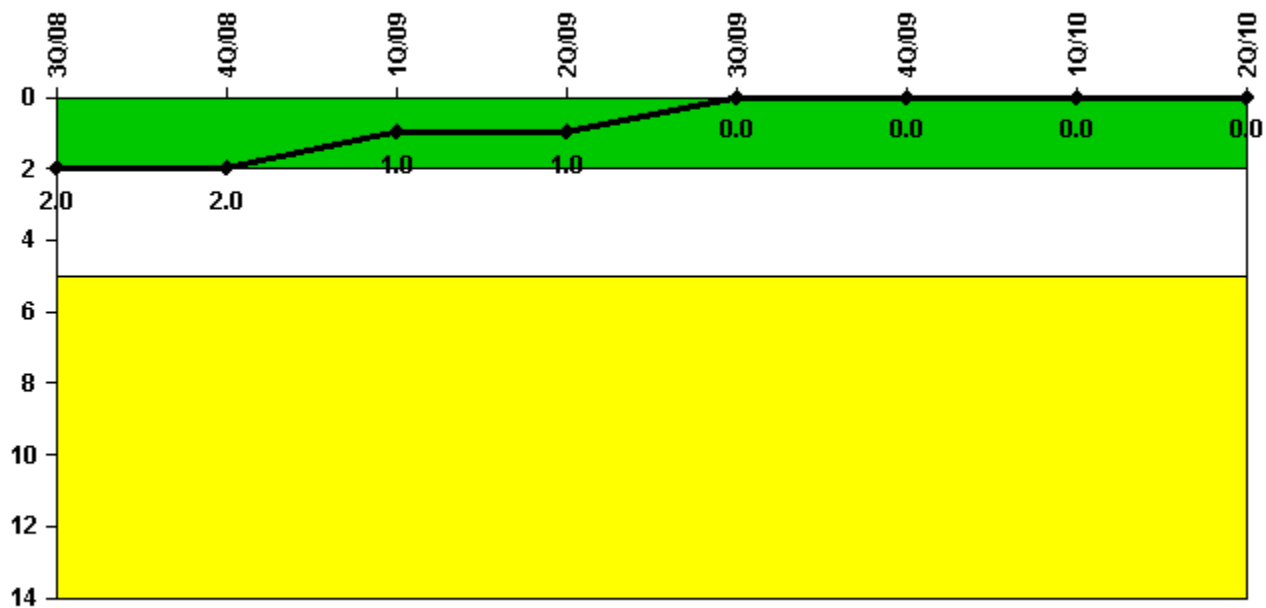
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Successful siren-tests	44	46	40	43	45	40	42	38
Total sirens-tests	45	48	42	45	45	42	42	39
Indicator value	97.3%	96.7%	96.1%	96.1%	96.7%	96.6%	97.7%	98.2%

Licensee Comments: none

Occupational Exposure Control Effectiveness



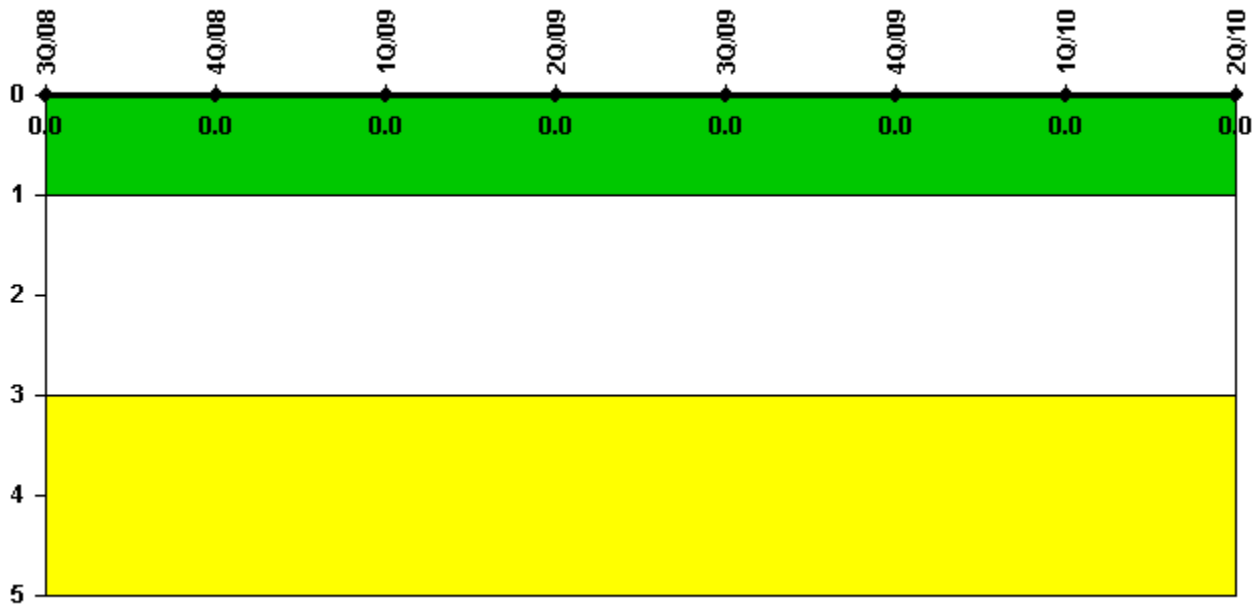
Thresholds: White > 2.0 Yellow > 5.0

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	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	2	2	1	1	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/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

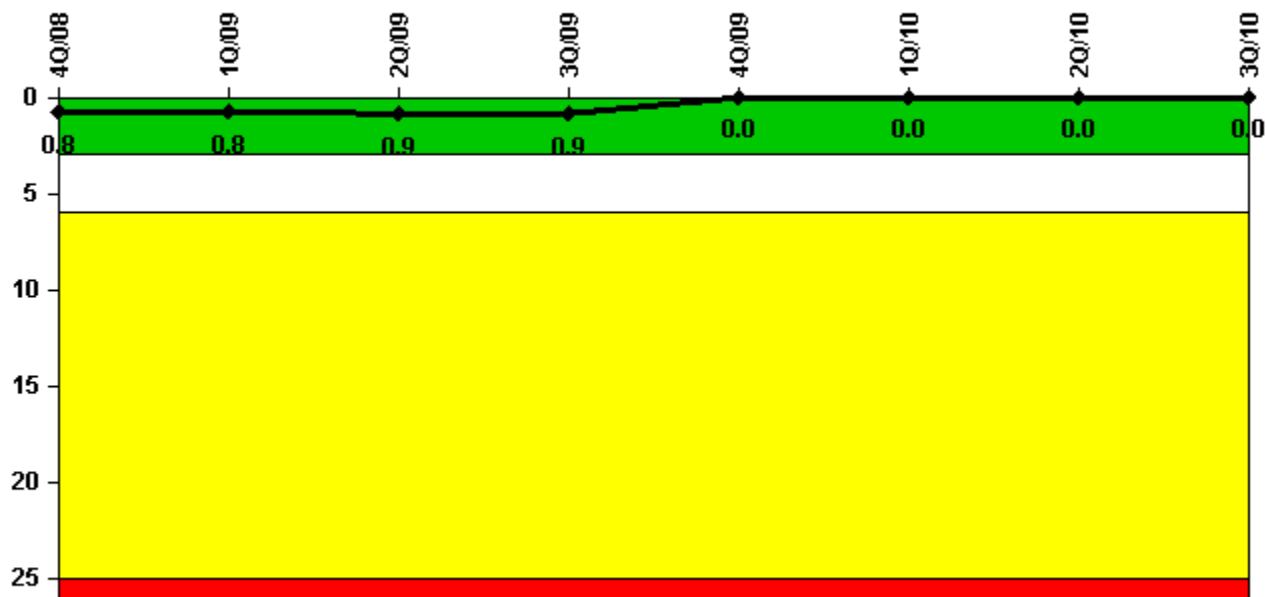
[Security](#) information not publicly available.

Farley 1

3Q/2010 Performance Indicators

Licensee's General Comments: Revised to include LER number in NRC comment field. The previously reported number did not change, updated to include comment only.

Unplanned Scrams per 7000 Critical Hrs



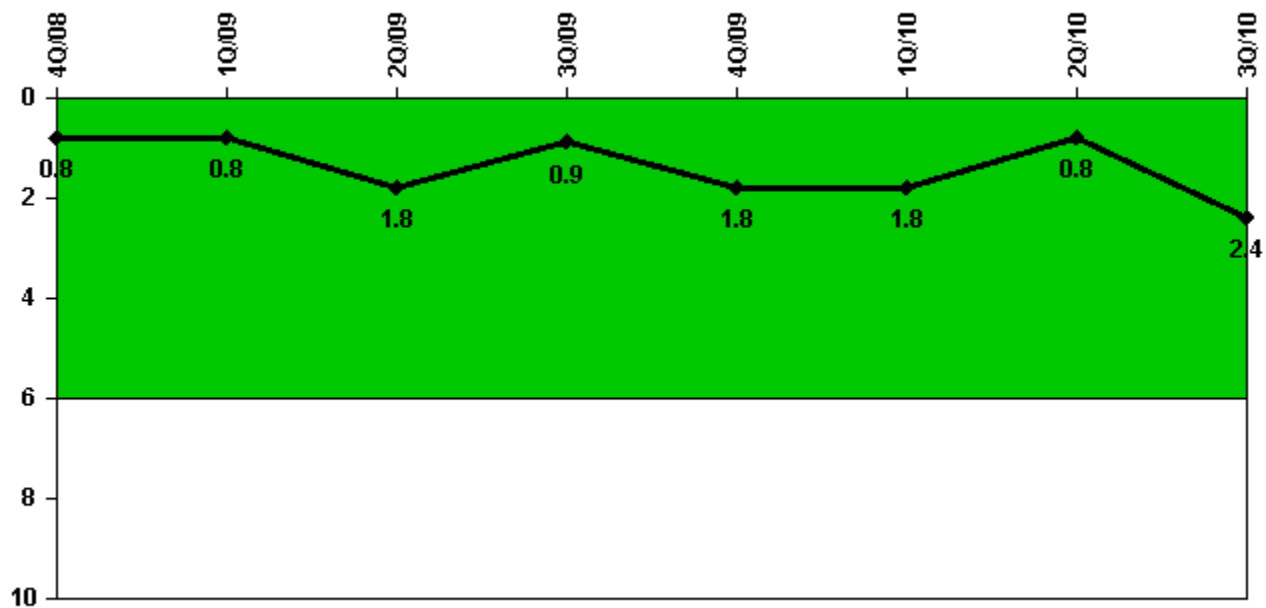
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0	0	0	0	0
Critical hours	2187.7	2159.0	1373.0	2208.0	2209.0	2159.0	2184.0	2208.0
Indicator value	0.8	0.8	0.9	0.9	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

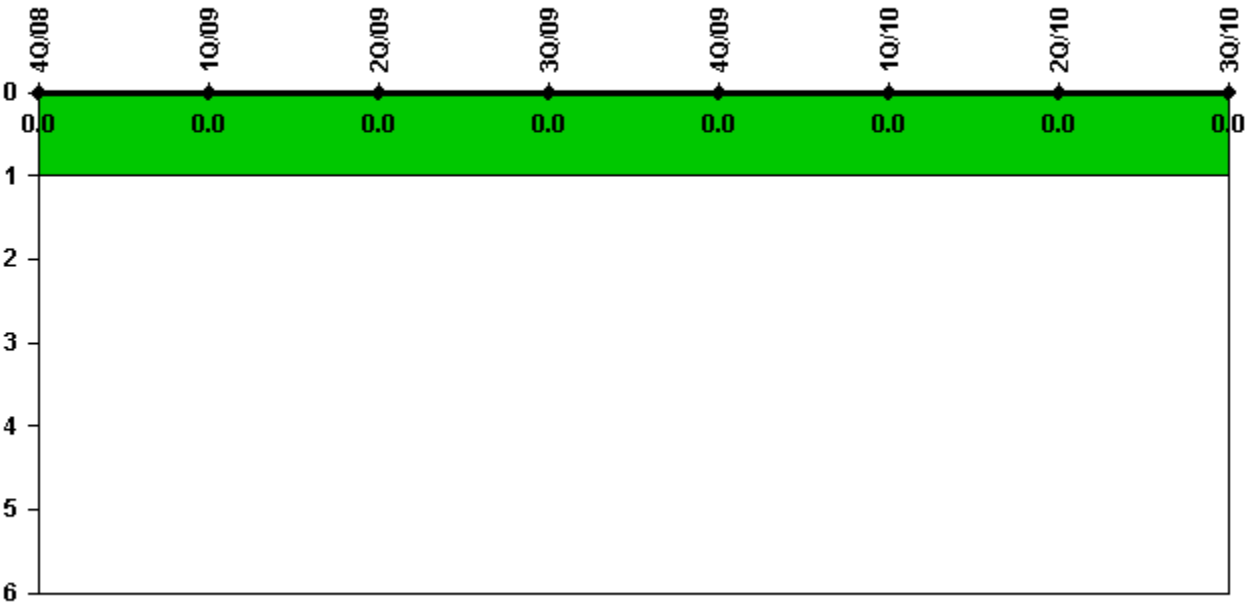
Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Unplanned power changes	0	0	1.0	0	1.0	0	0	2.0
Critical hours	2187.7	2159.0	1373.0	2208.0	2209.0	2159.0	2184.0	2208.0
Indicator value	0.8	0.8	1.8	0.9	1.8	1.8	0.8	2.4

Licensee Comments:

3Q/10: On 8/15/2010 at 04:00 AM, a Notice of Enforcement Discretion (NOED) went into effect for Unit 1 to allow discretion to not enforce TS 3.6.5 Required Action A.1 for containment temperature exceeding 120. (NOED NO. 10-2-004)

Unplanned Scrams with Complications



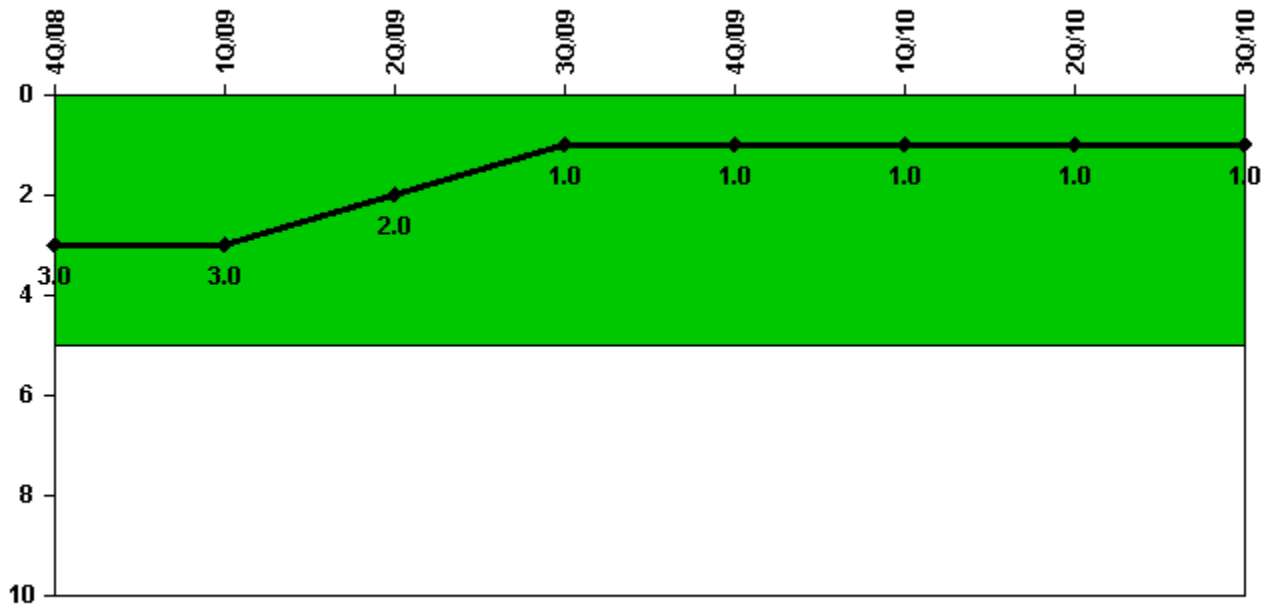
Thresholds: White > 1.0

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

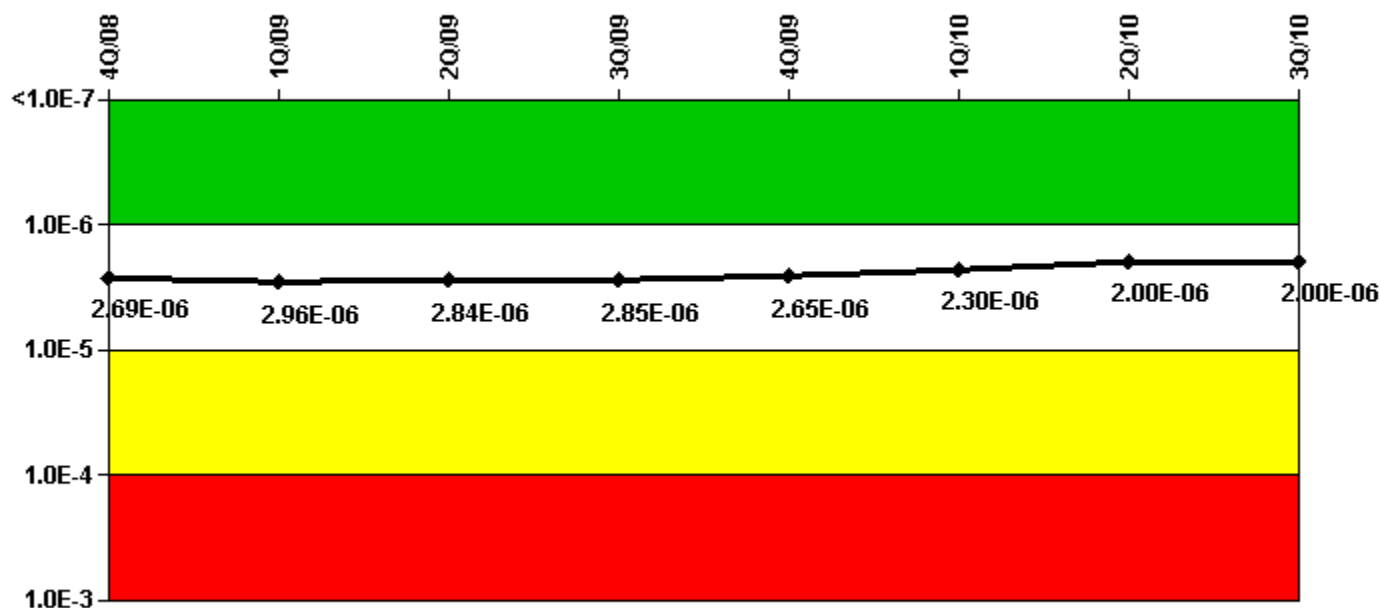
Notes

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	1	0	0	0	1	0
Indicator value	3	3	2	1	1	1	1	1

Licensee Comments:

2Q/10: Unit 1 LER 2010-002-00

Mitigating Systems Performance Index, Emergency AC Power System



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

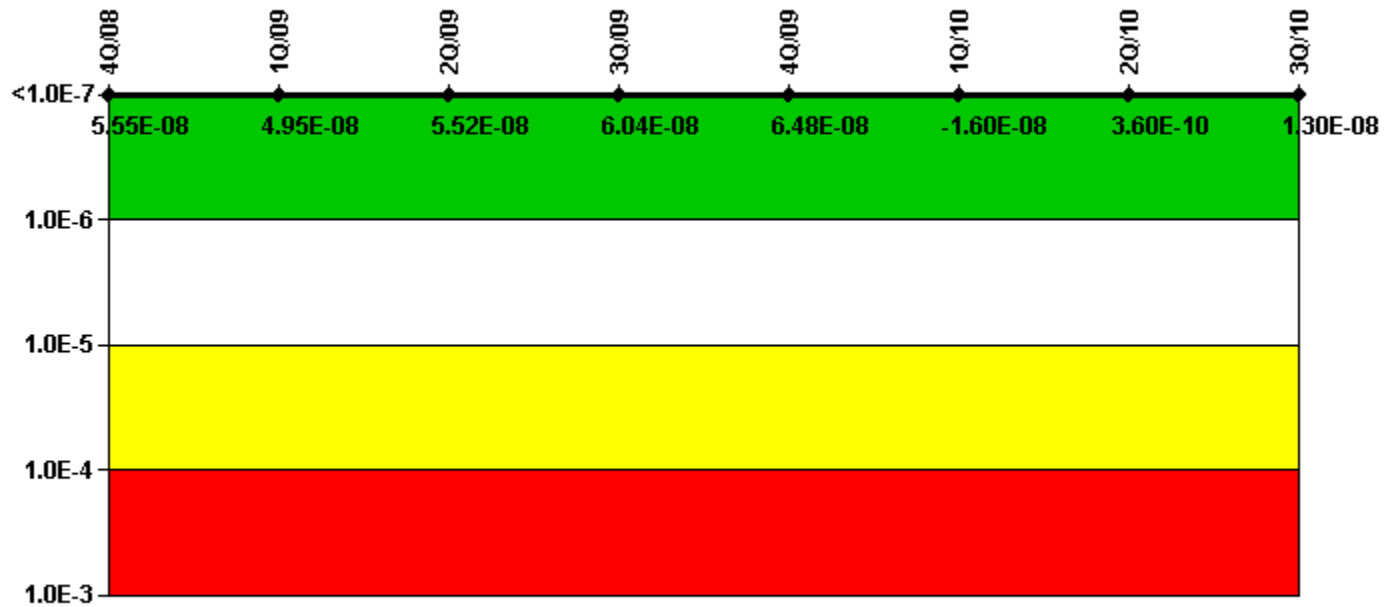
Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (ΔCDF)	6.90E-07	9.60E-07	8.40E-07	8.50E-07	6.50E-07	3.55E-07	3.69E-07	3.32E-07
URI (ΔCDF)	2.00E-06	2.00E-06	2.00E-06	2.00E-06	2.00E-06	1.98E-06	1.64E-06	1.64E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.69E-06	2.96E-06	2.84E-06	2.85E-06	2.65E-06	2.30E-06	2.00E-06	2.00E-06

Licensee Comments:

3Q/10: Risk Cap Invoked.

Mitigating Systems Performance Index, High Pressure Injection System



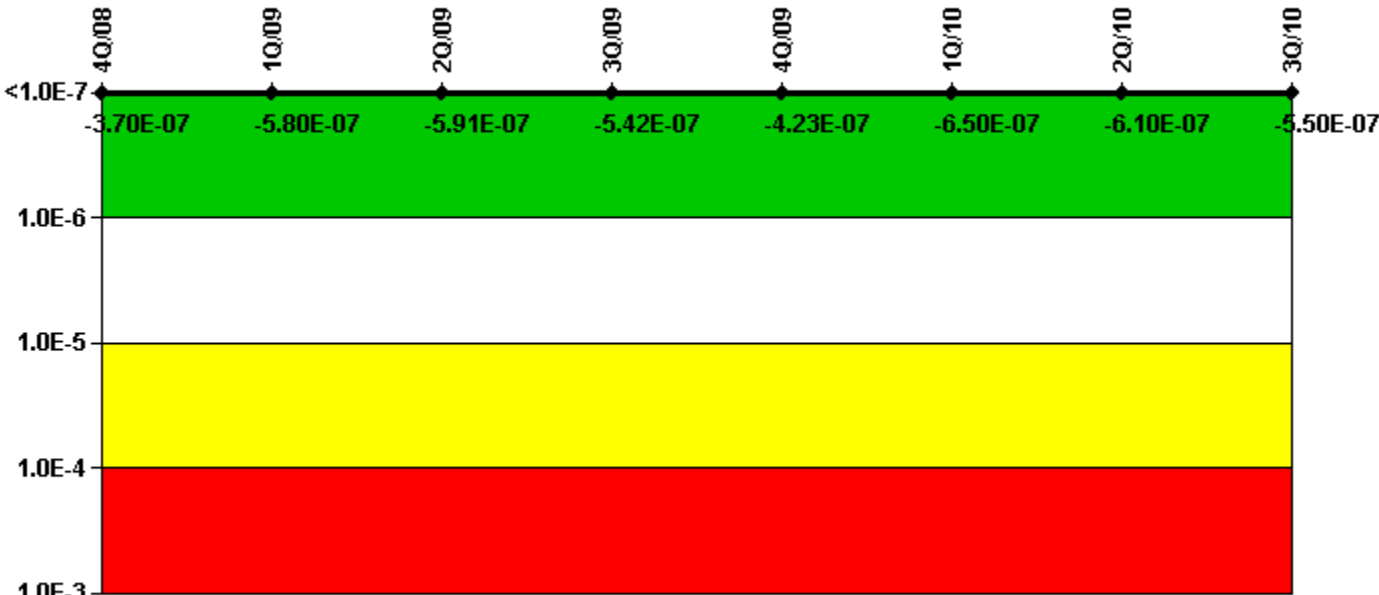
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	-3.50E-09	-9.50E-09	-3.80E-09	1.40E-09	5.80E-09	-7.53E-08	-5.88E-08	-4.65E-08
URI (Δ CDF)	5.90E-08	5.90E-08	5.90E-08	5.90E-08	5.90E-08	5.91E-08	5.92E-08	5.93E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	5.55E-08	4.95E-08	5.52E-08	6.04E-08	6.48E-08	-1.60E-08	3.60E-10	1.30E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



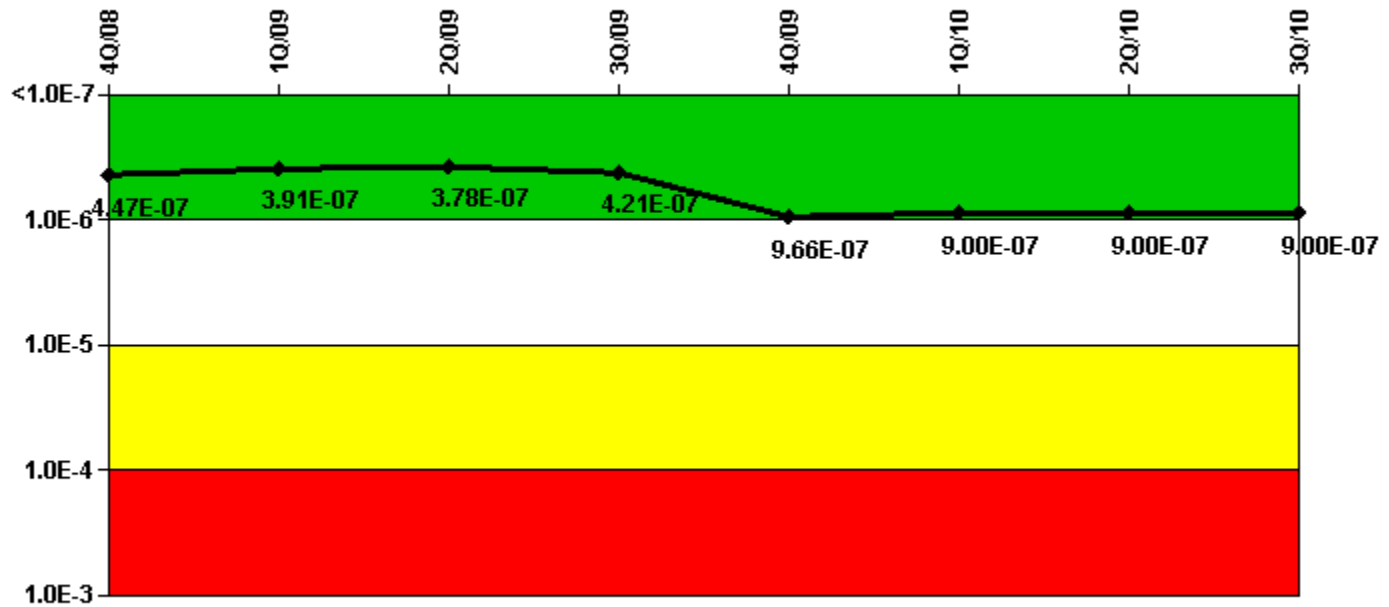
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (ΔCDF)	1.30E-07	-8.00E-08	-9.10E-08	-4.20E-08	7.70E-08	-1.43E-07	-1.01E-07	-4.99E-08
URI (ΔCDF)	-5.00E-07	-5.00E-07	-5.00E-07	-5.00E-07	-5.00E-07	-5.04E-07	-5.04E-07	-5.04E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.70E-07	-5.80E-07	-5.91E-07	-5.42E-07	-4.23E-07	-6.50E-07	-6.10E-07	-5.50E-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

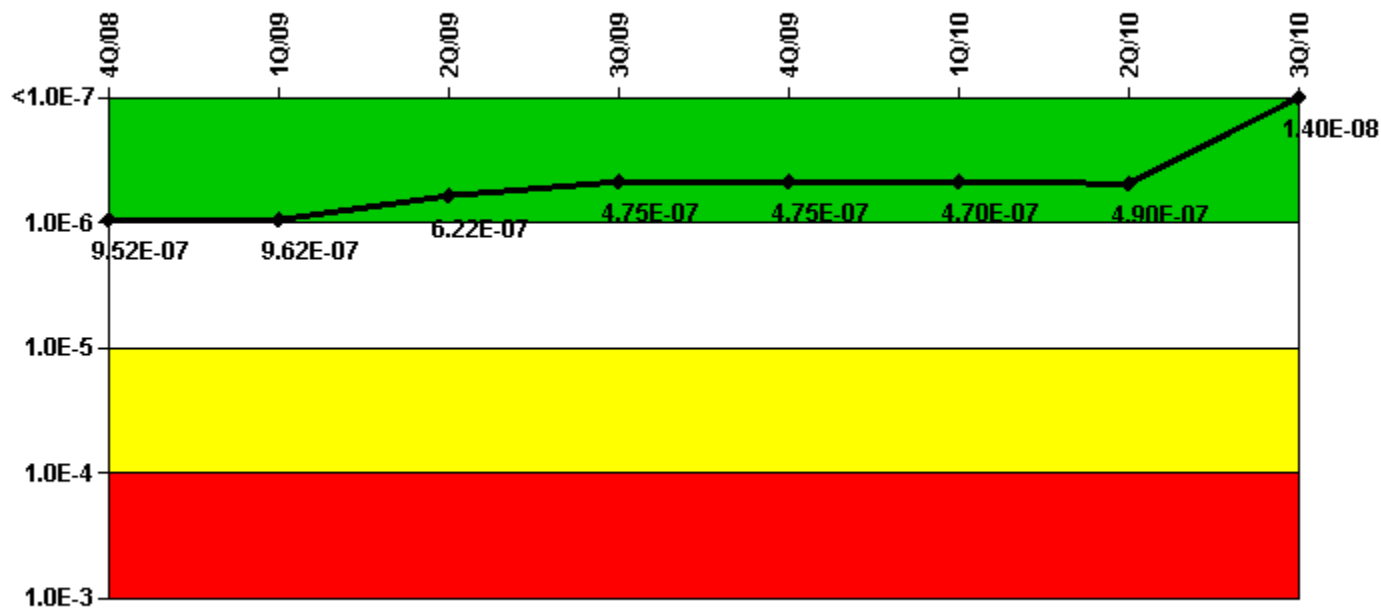
Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (Δ CDF)	3.70E-08	-1.90E-08	-3.20E-08	1.10E-08	5.60E-08	-1.18E-08	-1.18E-08	-1.19E-08
URI (Δ CDF)	4.10E-07	4.10E-07	4.10E-07	4.10E-07	9.10E-07	9.14E-07	9.14E-07	9.14E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.47E-07	3.91E-07	3.78E-07	4.21E-07	9.66E-07	9.00E-07	9.00E-07	9.00E-07

Licensee Comments:

3Q/10: Risk Cap Invoked.

Mitigating Systems Performance Index, Cooling Water Systems



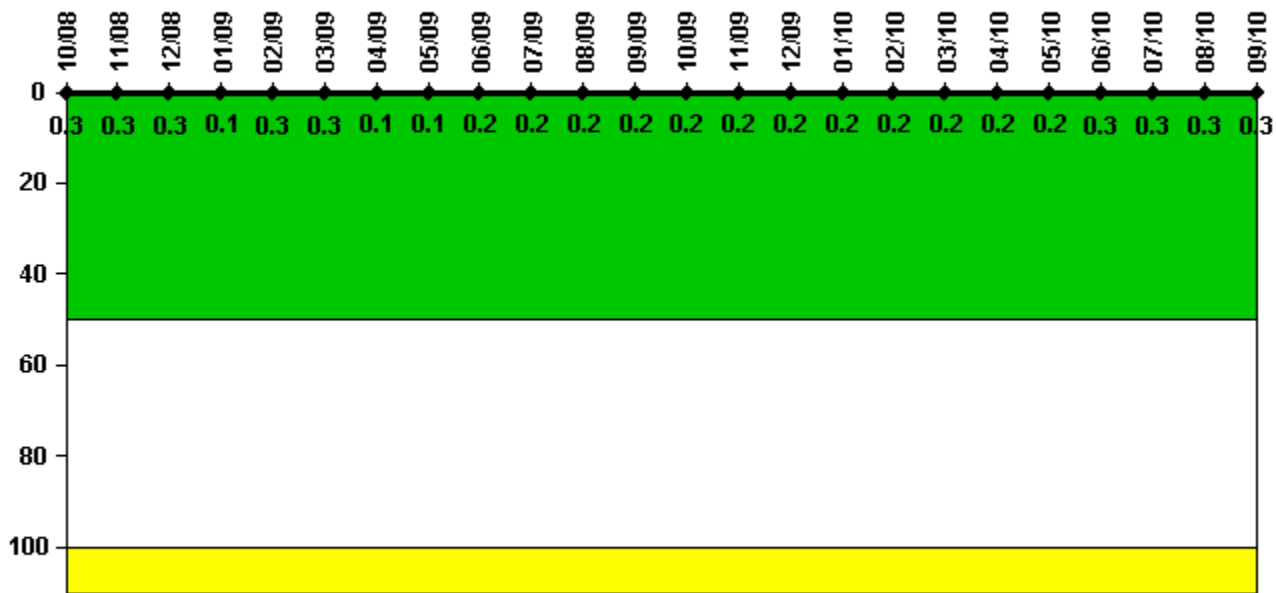
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (ΔCDF)	2.20E-08	2.20E-08	2.20E-08	2.50E-08	2.50E-08	1.96E-08	3.44E-08	1.03E-07
URI (ΔCDF)	9.30E-07	9.40E-07	6.00E-07	4.50E-07	4.50E-07	4.52E-07	4.54E-07	-8.89E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	9.52E-07	9.62E-07	6.22E-07	4.75E-07	4.75E-07	4.70E-07	4.90E-07	1.40E-08

Licensee Comments: none

Reactor Coolant System Activity



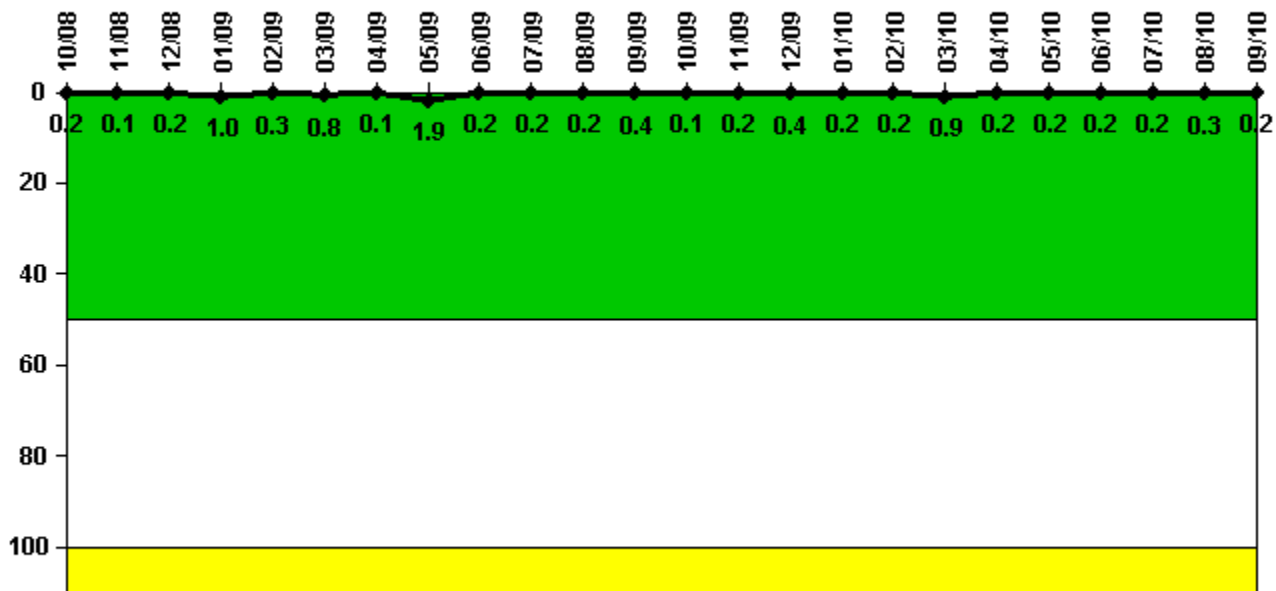
Thresholds: White > 50.0 Yellow > 100.0

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	0.001280	0.001290	0.001530	0.000284	0.001570	0.001590	0.000366	0.000692	0.000856	0.000876	0.000909	0.000975
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.3	0.3	0.3	0.1	0.3	0.3	0.1	0.1	0.2	0.2	0.2	0.2
Reactor Coolant System Activity	10/09	11/09	12/09	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10
Maximum activity	0.000971	0.001050	0.001140	0.001050	0.001060	0.001070	0.001150	0.001190	0.001290	0.001260	0.001300	0.001400
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3

Licensee Comments: none

Reactor Coolant System Leakage



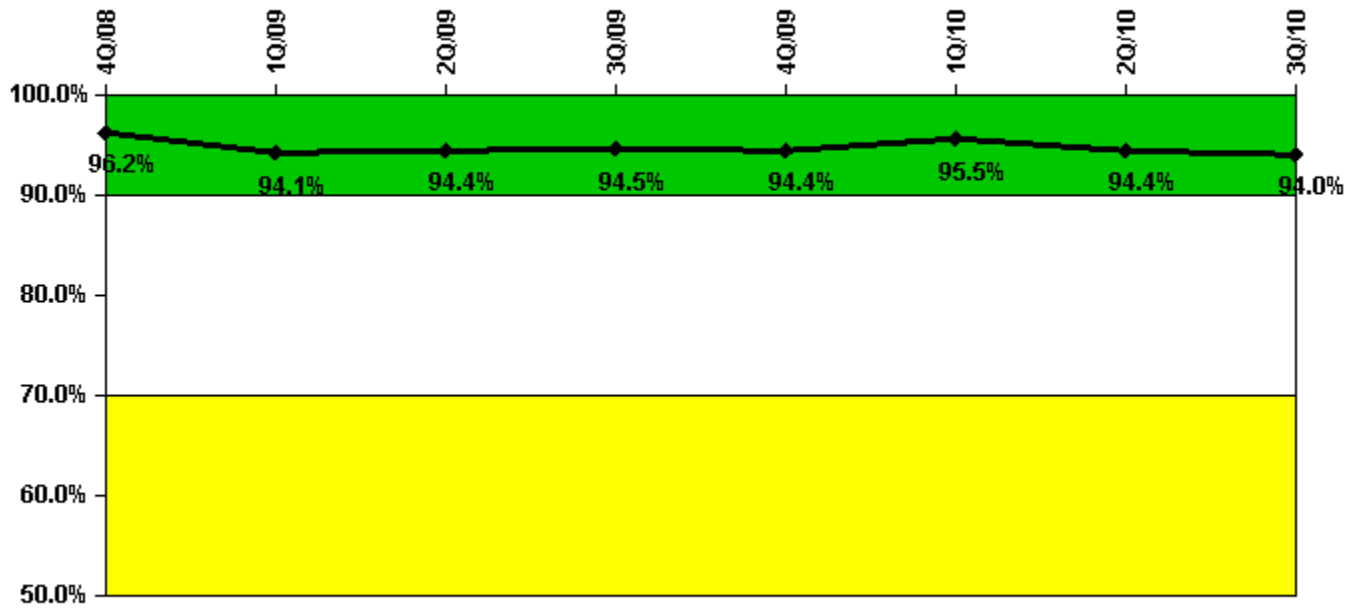
Thresholds: White > 50.0 Yellow > 100.0

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	0.010	0.020	0.100	0.030	0.080	0.007	0.185	0.020	0.016	0.020	0.038
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.1	0.2	1.0	0.3	0.8	0.1	1.9	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	0.013	0.016	0.039	0.019	0.017	0.088	0.017	0.015	0.019	0.017	0.030	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	0.1	0.2	0.4	0.2	0.2	0.9	0.2	0.2	0.2	0.2	0.3	0.2

Licensee Comments: none

Drill/Exercise Performance



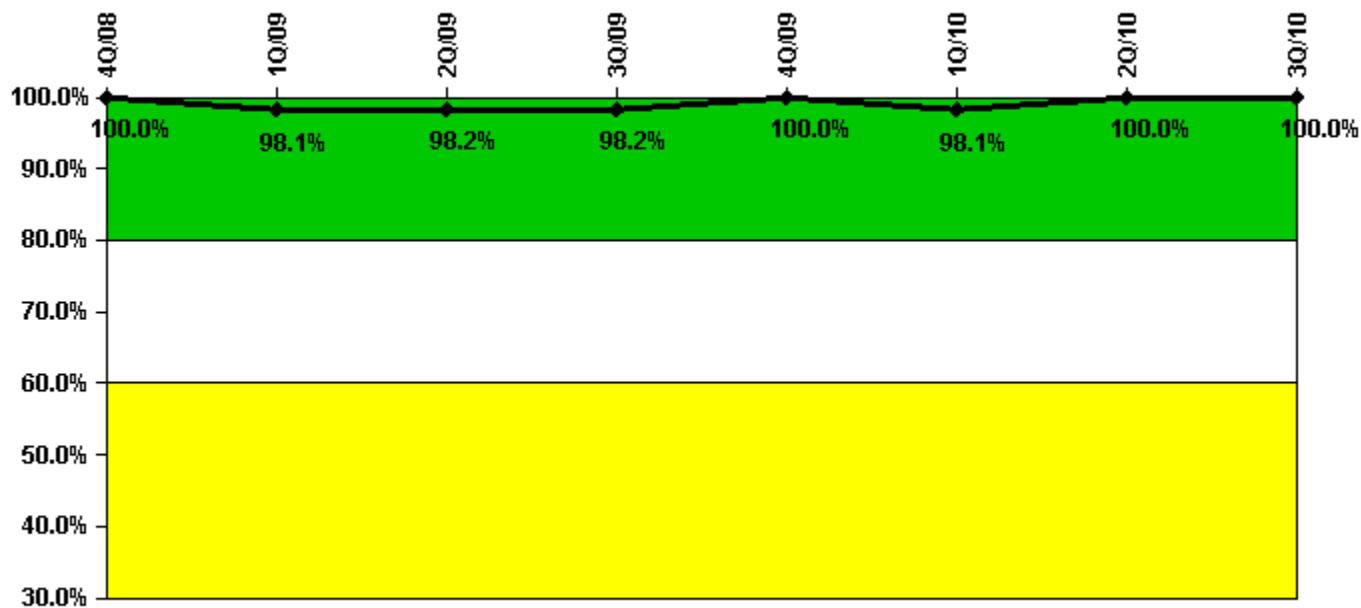
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Successful opportunities	13.0	25.0	18.0	15.0	30.0	21.0	20.0	14.0
Total opportunities	13.0	29.0	18.0	15.0	31.0	22.0	23.0	15.0
Indicator value	96.2%	94.1%	94.4%	94.5%	94.4%	95.5%	94.4%	94.0%

Licensee Comments: none

ERO Drill Participation



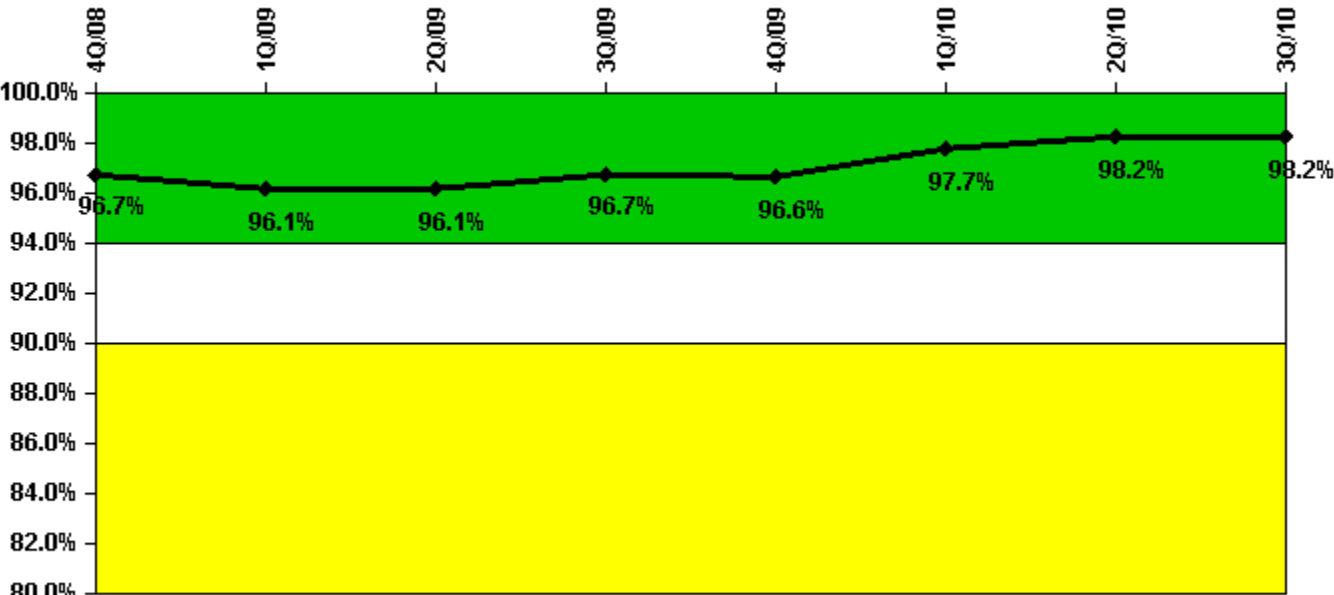
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Participating Key personnel	107.0	105.0	110.0	111.0	110.0	102.0	105.0	113.0
Total Key personnel	107.0	107.0	112.0	113.0	110.0	104.0	105.0	113.0
Indicator value	100.0%	98.1%	98.2%	98.2%	100.0%	98.1%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



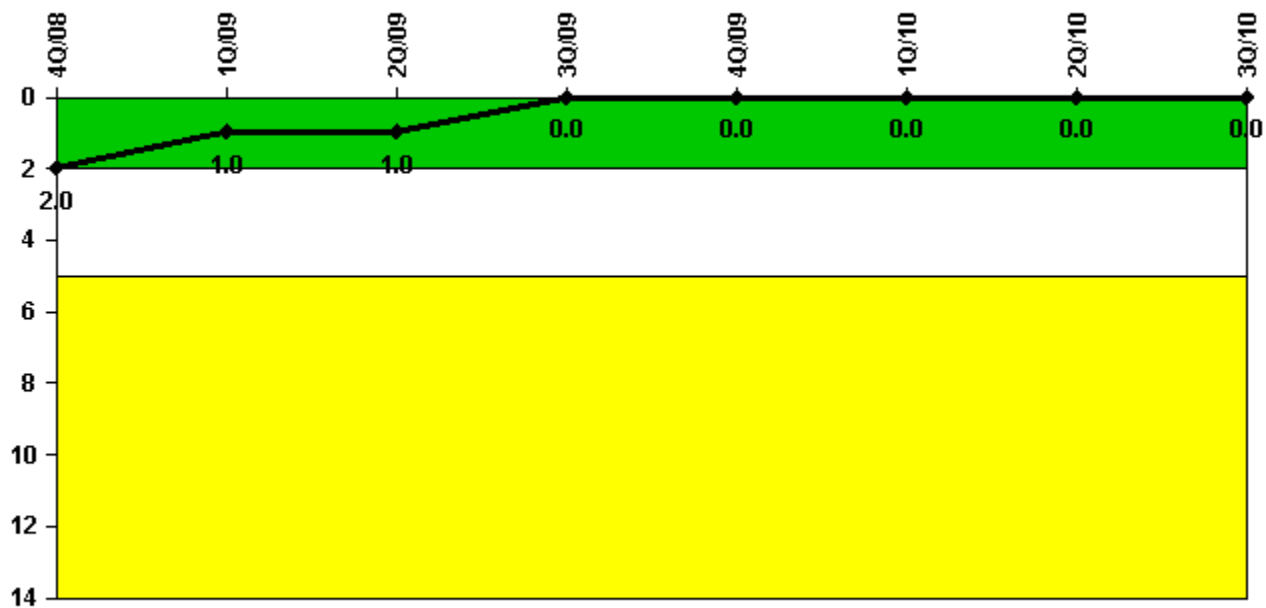
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Successful siren-tests	46	40	43	45	40	42	38	42
Total sirens-tests	48	42	45	45	42	42	39	42
Indicator value	96.7%	96.1%	96.1%	96.7%	96.6%	97.7%	98.2%	98.2%

Licensee Comments: none

Occupational Exposure Control Effectiveness



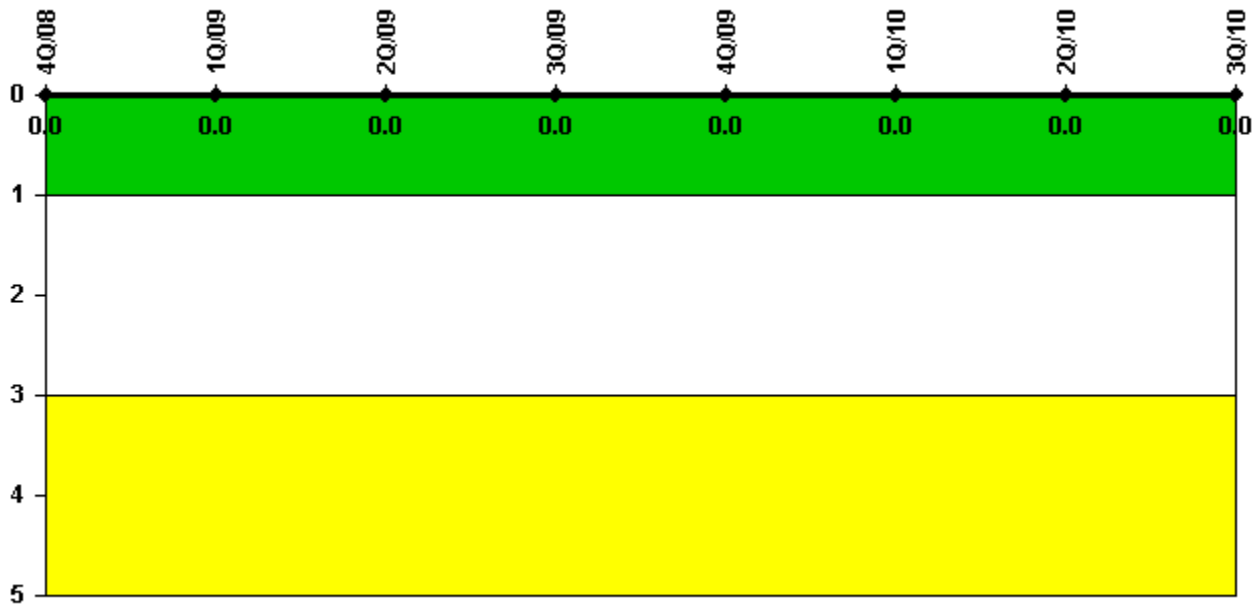
Thresholds: White > 2.0 Yellow > 5.0

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	2	1	1	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/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

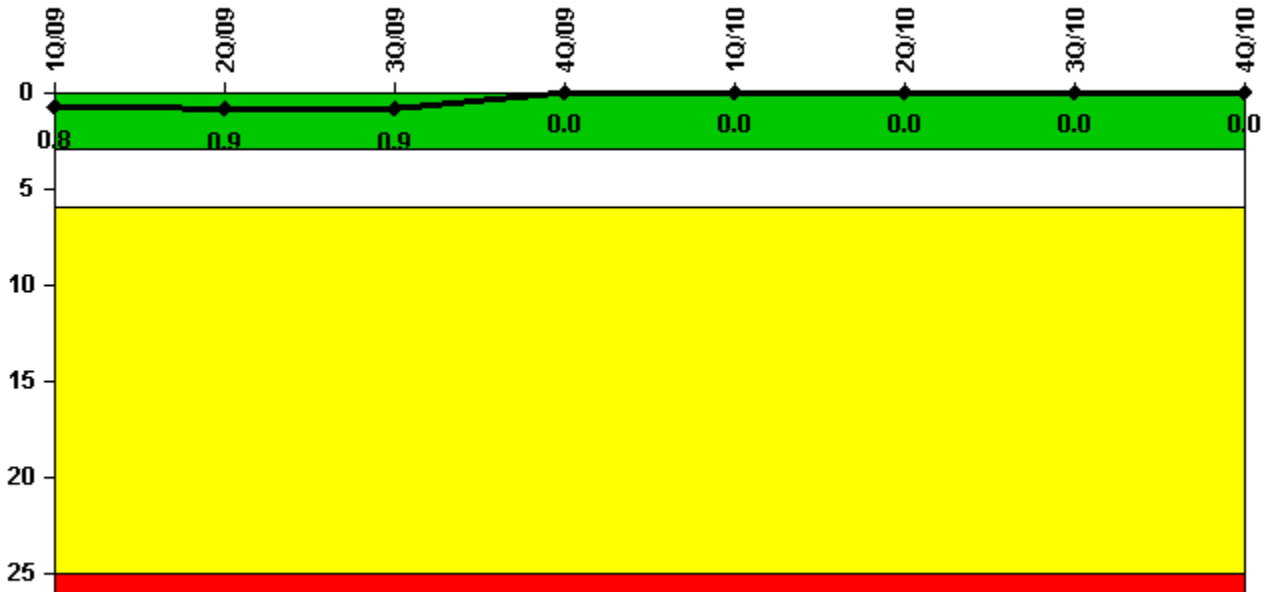
[Security](#) information not publicly available.

Farley 1

4Q/2010 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



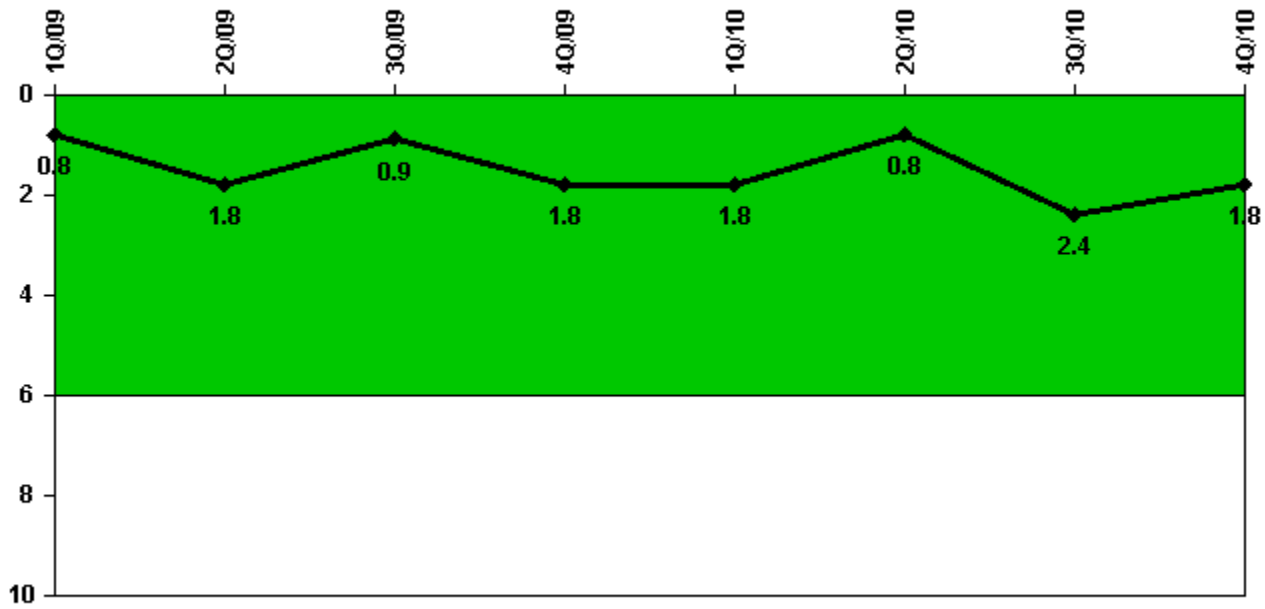
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2159.0	1373.0	2208.0	2209.0	2159.0	2184.0	2208.0	1284.8
Indicator value	0.8	0.9	0.9	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



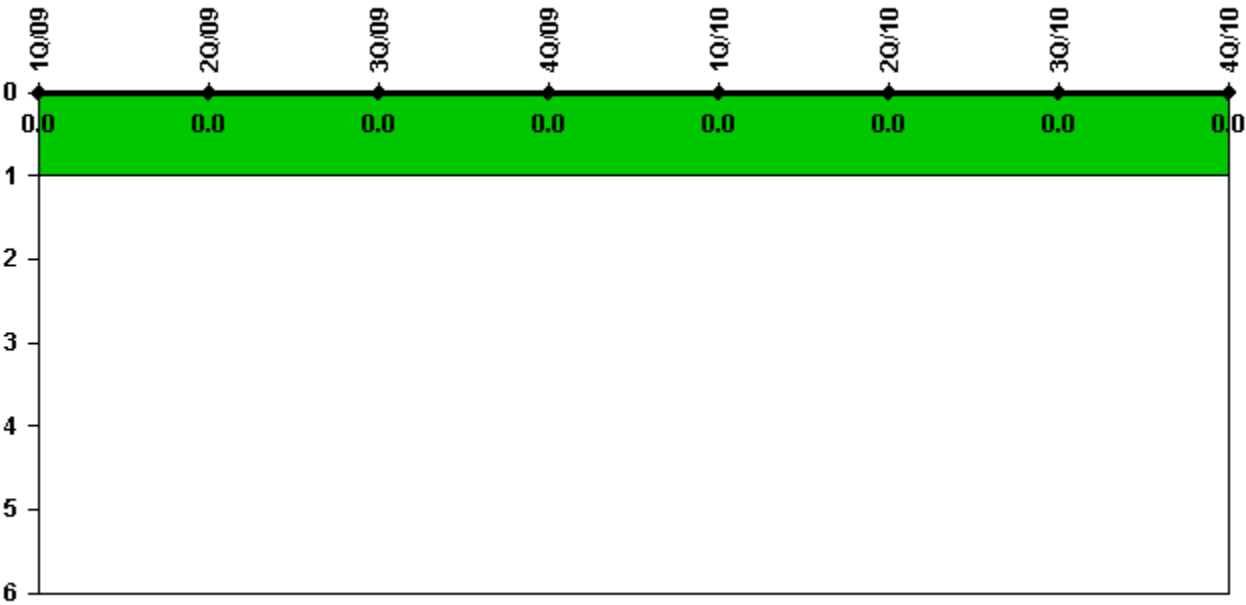
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Unplanned power changes	0	1.0	0	1.0	0	0	2.0	0
Critical hours	2159.0	1373.0	2208.0	2209.0	2159.0	2184.0	2208.0	1284.8
Indicator value	0.8	1.8	0.9	1.8	1.8	0.8	2.4	1.8

Licensee Comments: none

Unplanned Scrams with Complications



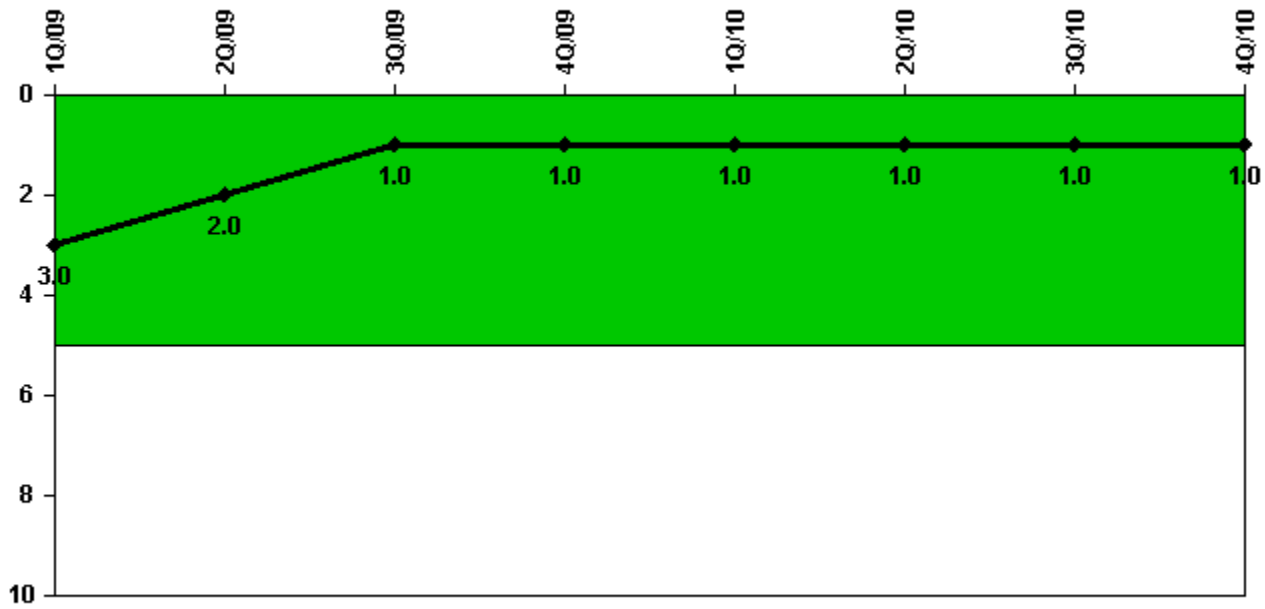
Thresholds: White > 1.0

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)



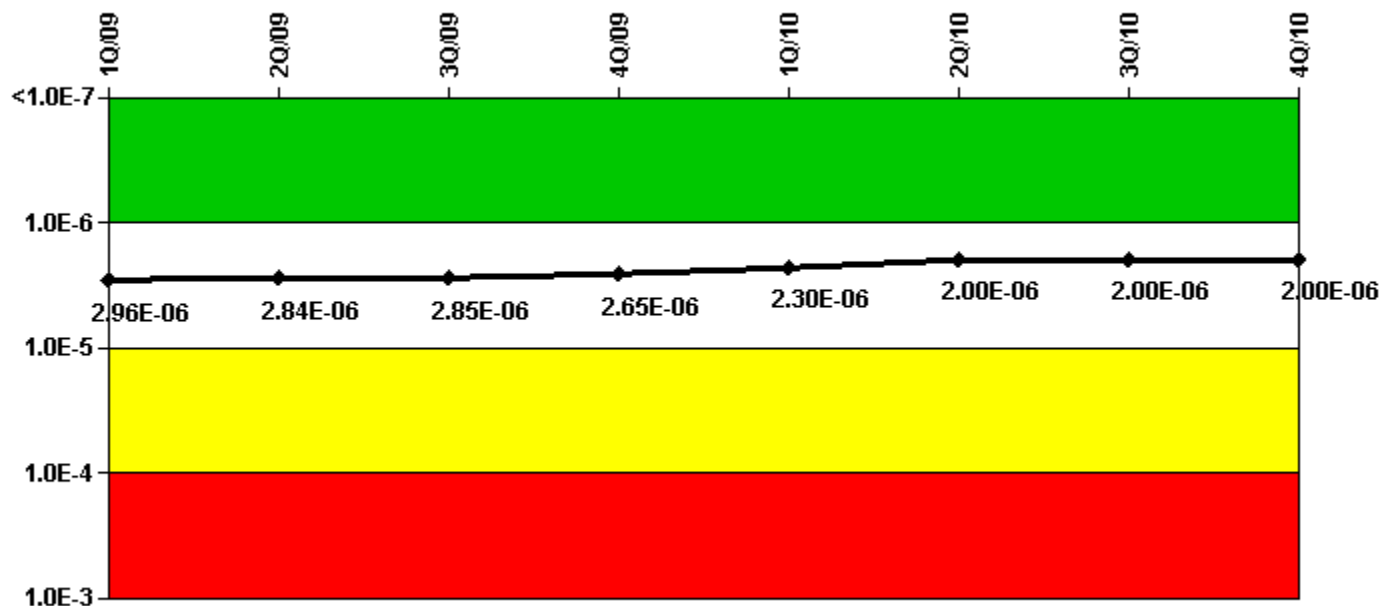
Thresholds: White > 5.0

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	1	0	0	0	1	0	0
Indicator value	3	2	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

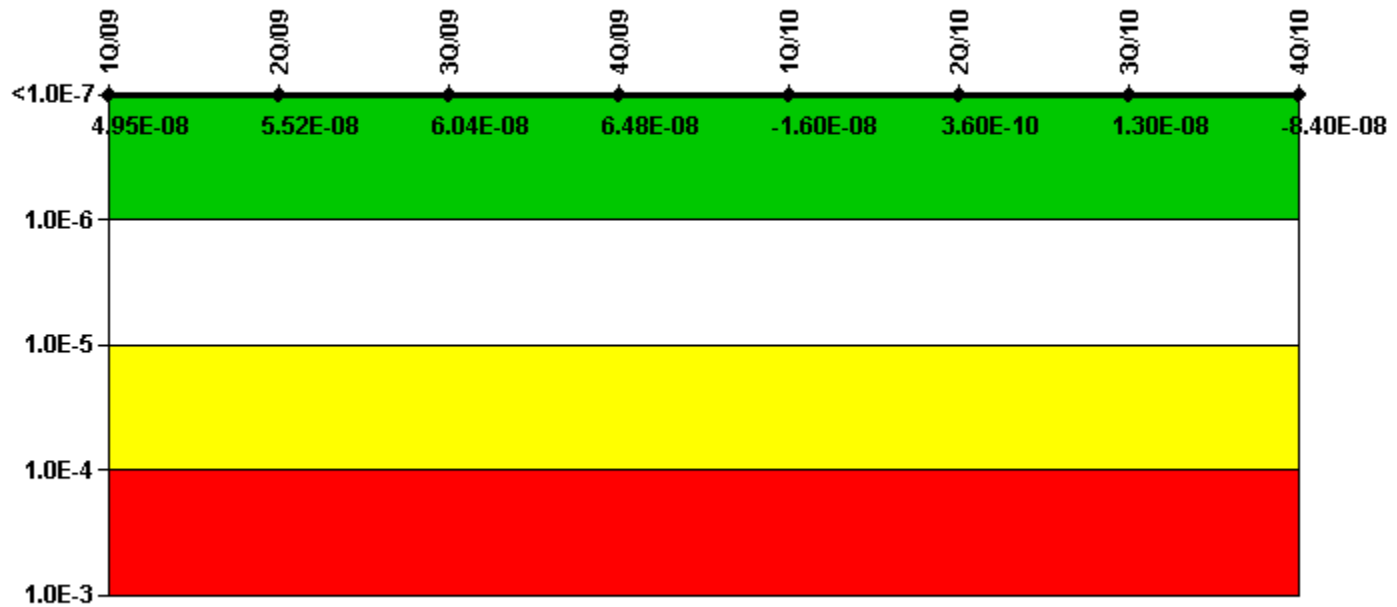
Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (ΔCDF)	9.60E-07	8.40E-07	8.50E-07	6.50E-07	3.55E-07	3.69E-07	3.32E-07	3.27E-07
URI (ΔCDF)	2.00E-06	2.00E-06	2.00E-06	2.00E-06	1.98E-06	1.64E-06	1.64E-06	1.64E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.96E-06	2.84E-06	2.85E-06	2.65E-06	2.30E-06	2.00E-06	2.00E-06	2.00E-06

Licensee Comments:

4Q/10: Risk Cap Invoked.

Mitigating Systems Performance Index, High Pressure Injection System



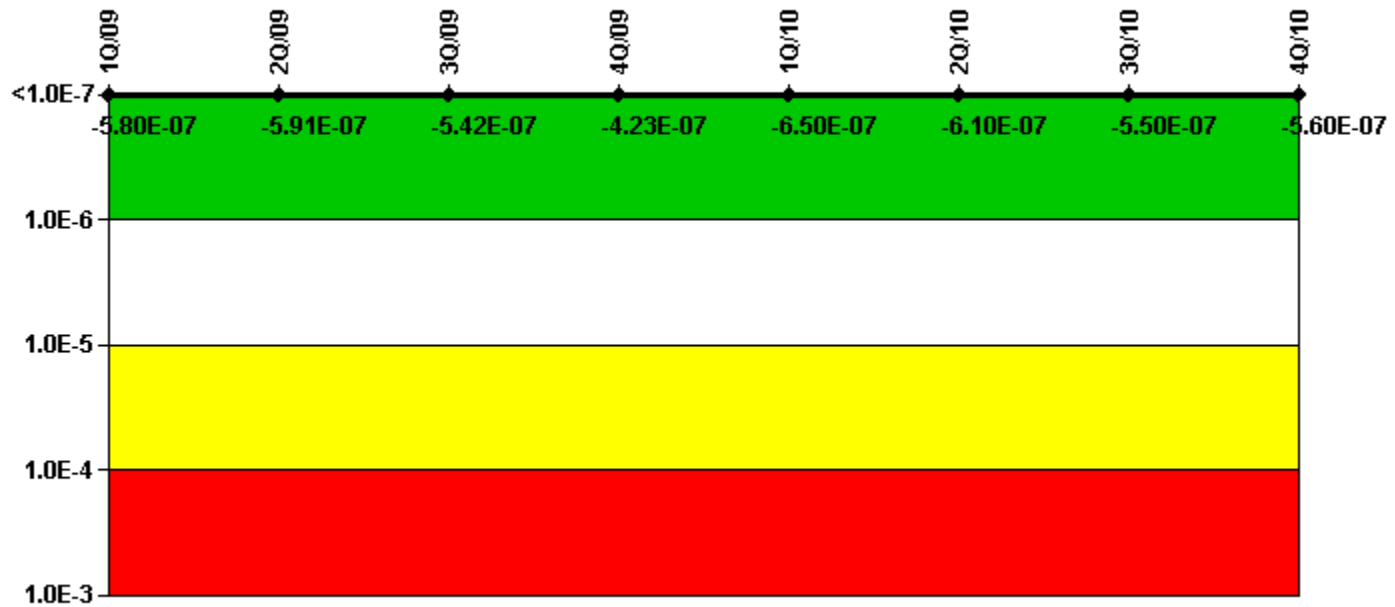
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	-9.50E-09	-3.80E-09	1.40E-09	5.80E-09	-7.53E-08	-5.88E-08	-4.65E-08	-3.24E-08
URI (Δ CDF)	5.90E-08	5.90E-08	5.90E-08	5.90E-08	5.91E-08	5.92E-08	5.93E-08	-5.17E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.95E-08	5.52E-08	6.04E-08	6.48E-08	-1.60E-08	3.60E-10	1.30E-08	-8.40E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



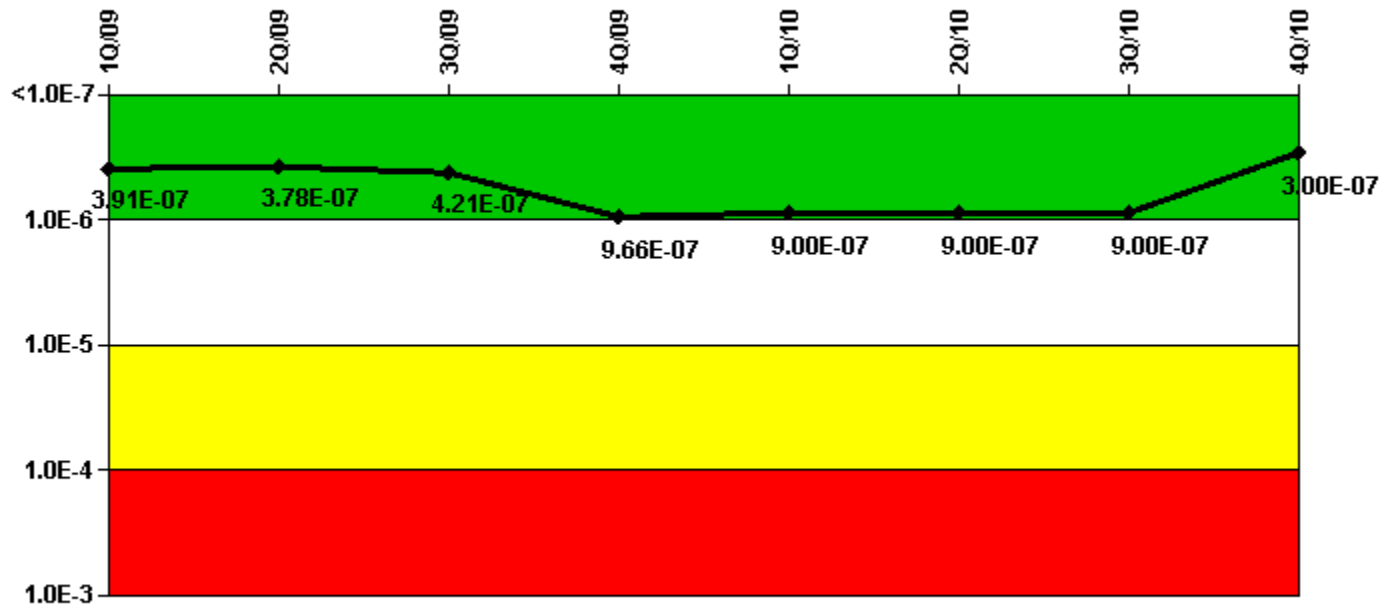
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (ΔCDF)	-8.00E-08	-9.10E-08	-4.20E-08	7.70E-08	-1.43E-07	-1.01E-07	-4.99E-08	-5.14E-08
URI (ΔCDF)	-5.00E-07	-5.00E-07	-5.00E-07	-5.00E-07	-5.04E-07	-5.04E-07	-5.04E-07	-5.04E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.80E-07	-5.91E-07	-5.42E-07	-4.23E-07	-6.50E-07	-6.10E-07	-5.50E-07	-5.60E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



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

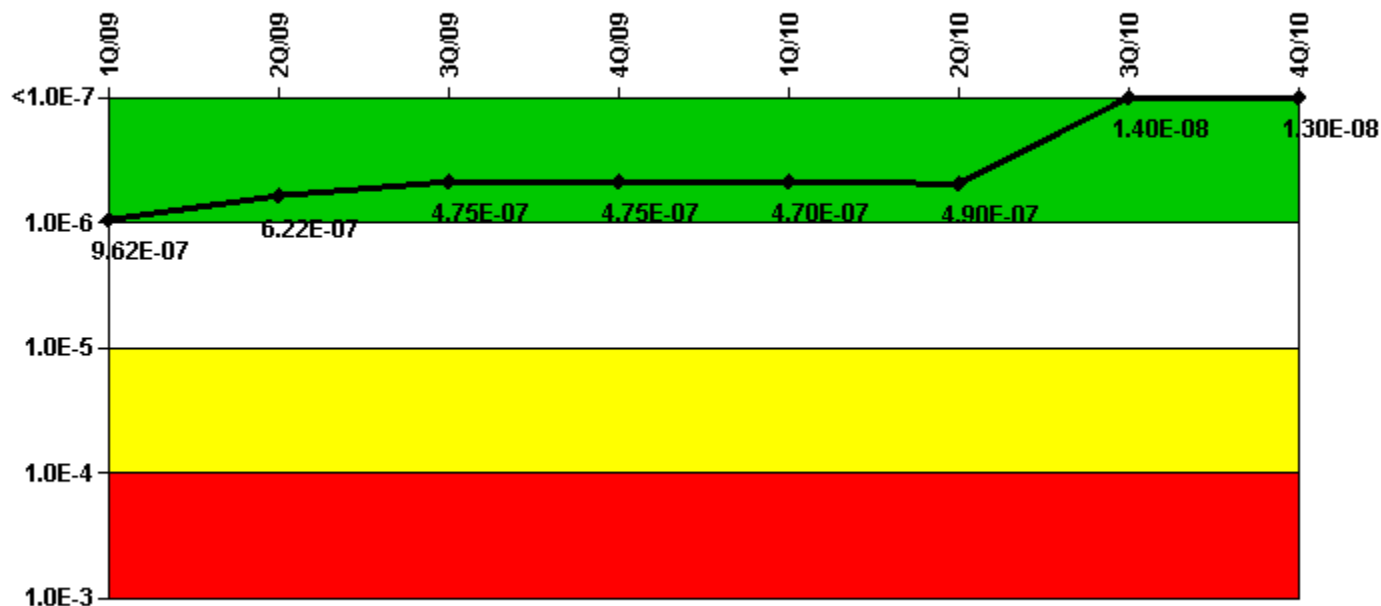
Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (Δ CDF)	-1.90E-08	-3.20E-08	1.10E-08	5.60E-08	-1.18E-08	-1.18E-08	-1.19E-08	-1.22E-08
URI (Δ CDF)	4.10E-07	4.10E-07	4.10E-07	9.10E-07	9.14E-07	9.14E-07	9.14E-07	3.11E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.91E-07	3.78E-07	4.21E-07	9.66E-07	9.00E-07	9.00E-07	9.00E-07	3.00E-07

Licensee Comments:

4Q/10: Risk Cap Invoked.

Mitigating Systems Performance Index, Cooling Water Systems



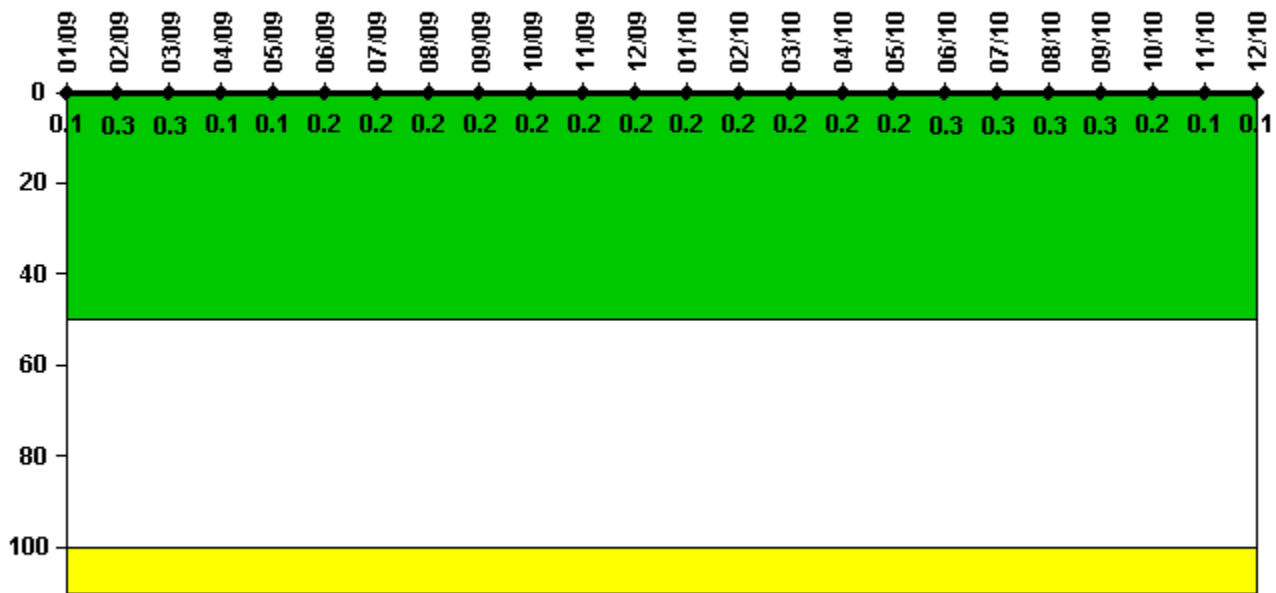
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (ΔCDF)	2.20E-08	2.20E-08	2.50E-08	2.50E-08	1.96E-08	3.44E-08	1.03E-07	1.03E-07
URI (ΔCDF)	9.40E-07	6.00E-07	4.50E-07	4.50E-07	4.52E-07	4.54E-07	-8.89E-08	-9.05E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	9.62E-07	6.22E-07	4.75E-07	4.75E-07	4.70E-07	4.90E-07	1.40E-08	1.30E-08

Licensee Comments: none

Reactor Coolant System Activity



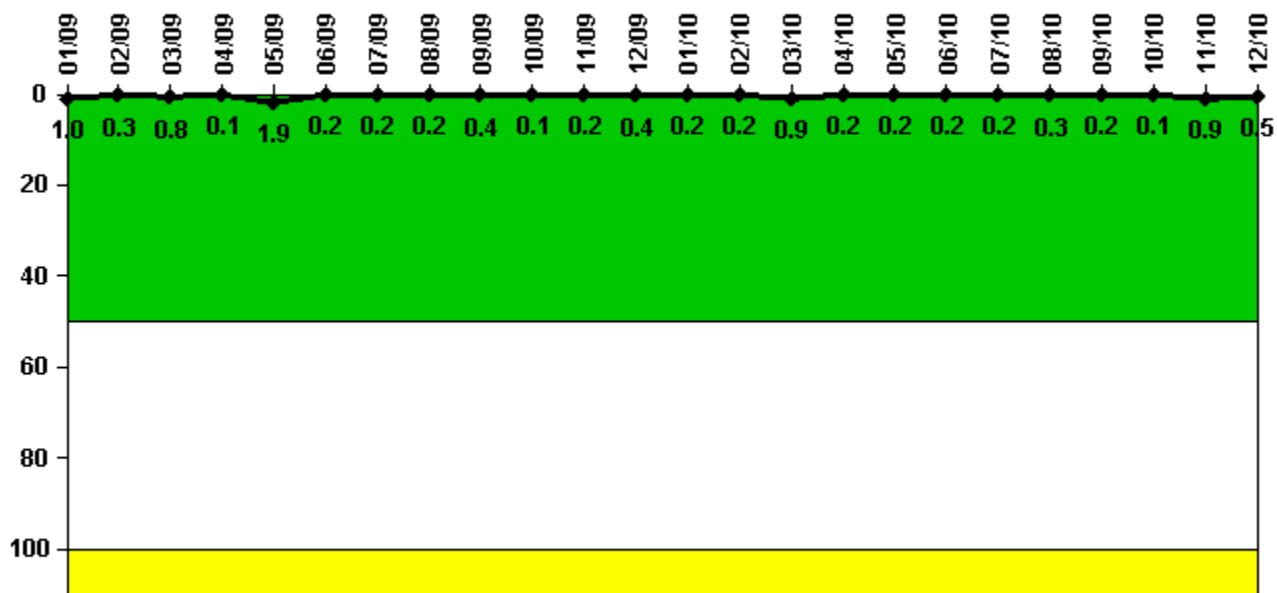
Thresholds: White > 50.0 Yellow > 100.0

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	0.000284	0.001570	0.001590	0.000366	0.000692	0.000856	0.000876	0.000909	0.000975	0.000971	0.001050	0.001140
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.1	0.3	0.3	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
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	0.001050	0.001060	0.001070	0.001150	0.001190	0.001290	0.001260	0.001300	0.001400	0.001110	0.000516	0.000664
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



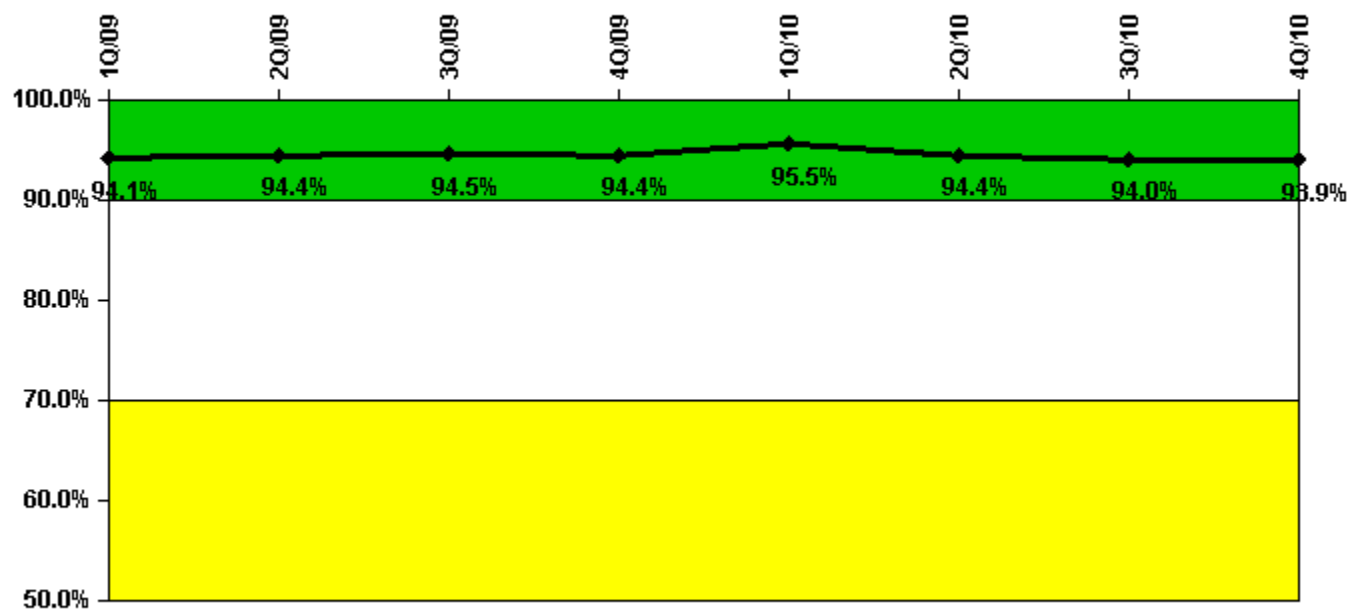
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	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	0.100	0.030	0.080	0.007	0.185	0.020	0.016	0.020	0.038	0.013	0.016	0.039
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.0	0.3	0.8	0.1	1.9	0.2	0.2	0.2	0.4	0.1	0.2	0.4
Reactor Coolant System Leakage	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10
Maximum leakage	0.019	0.017	0.088	0.017	0.015	0.019	0.017	0.030	0.015	0.010	0.093	0.049
Technical specification limit	10.0	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	0.9	0.2	0.2	0.2	0.2	0.3	0.2	0.1	0.9	0.5

Licensee Comments: none

Drill/Exercise Performance



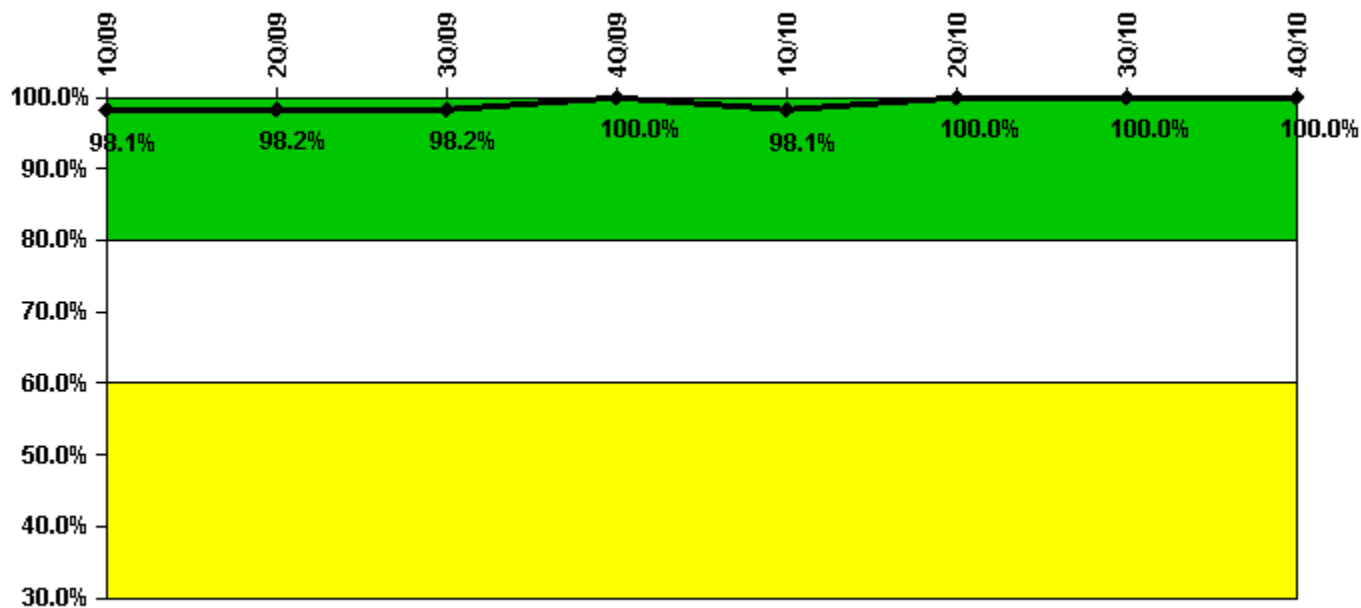
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Successful opportunities	25.0	18.0	15.0	30.0	21.0	20.0	14.0	11.0
Total opportunities	29.0	18.0	15.0	31.0	22.0	23.0	15.0	11.0
Indicator value	94.1%	94.4%	94.5%	94.4%	95.5%	94.4%	94.0%	93.9%

Licensee Comments: none

ERO Drill Participation



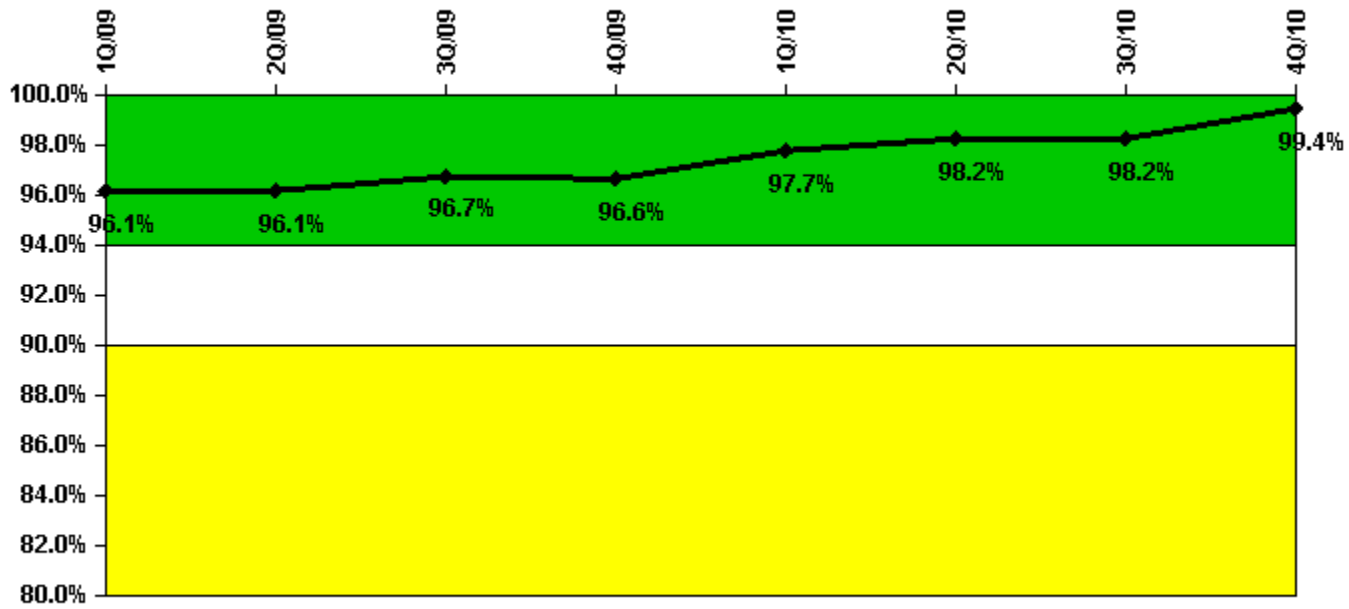
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Participating Key personnel	105.0	110.0	111.0	110.0	102.0	105.0	113.0	114.0
Total Key personnel	107.0	112.0	113.0	110.0	104.0	105.0	113.0	114.0
Indicator value	98.1%	98.2%	98.2%	100.0%	98.1%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



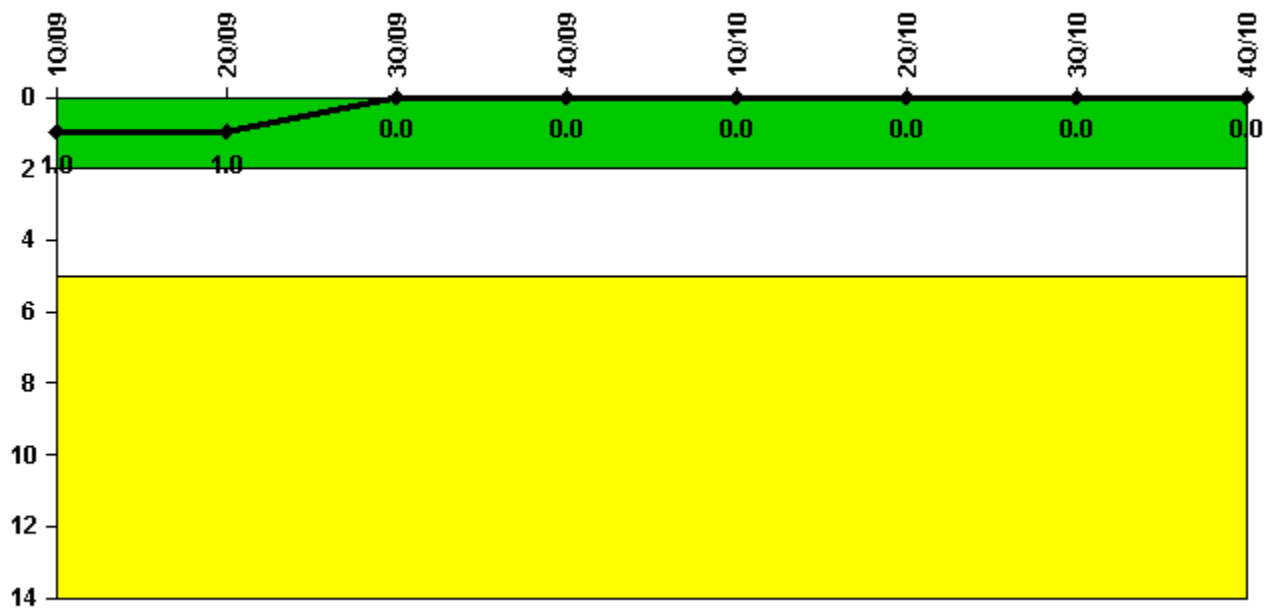
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Successful siren-tests	40	43	45	40	42	38	42	42
Total sirens-tests	42	45	45	42	42	39	42	42
Indicator value	96.1%	96.1%	96.7%	96.6%	97.7%	98.2%	98.2%	99.4%

Licensee Comments: none

Occupational Exposure Control Effectiveness



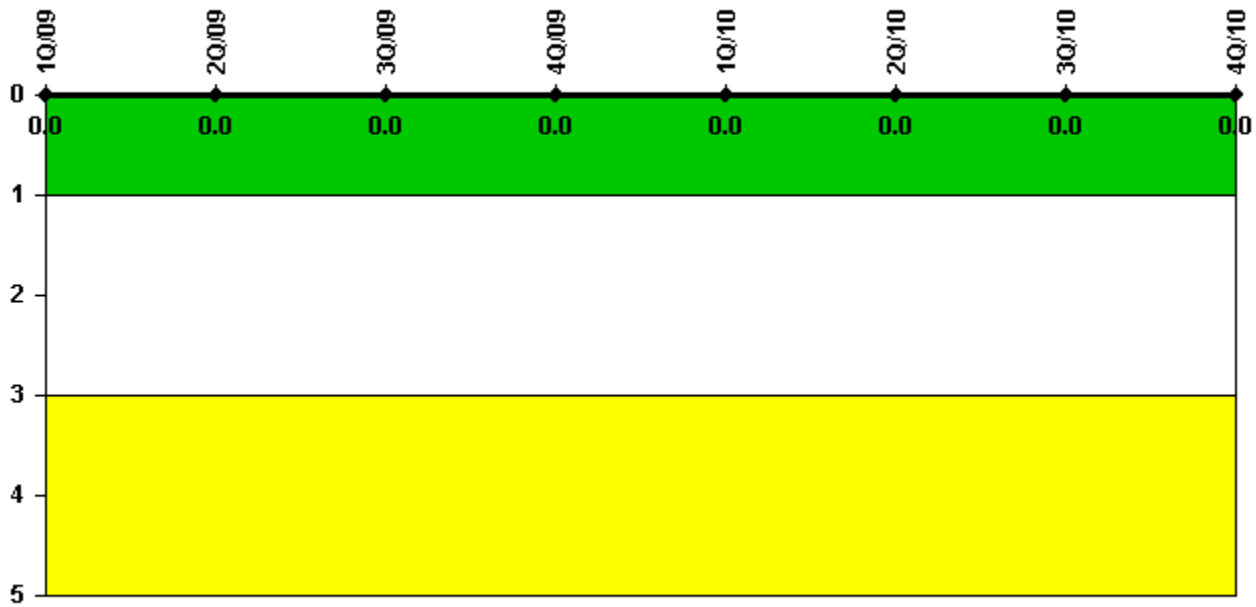
Thresholds: White > 2.0 Yellow > 5.0

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	1	1	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/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

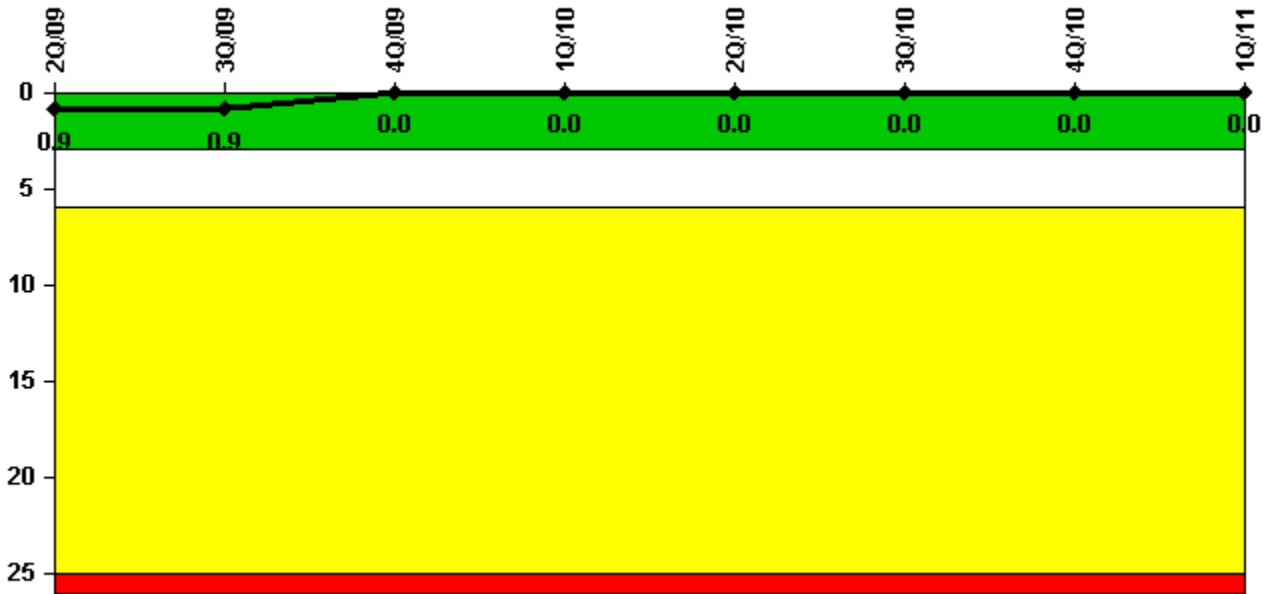
[Security](#) information not publicly available.

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1Q/2011 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



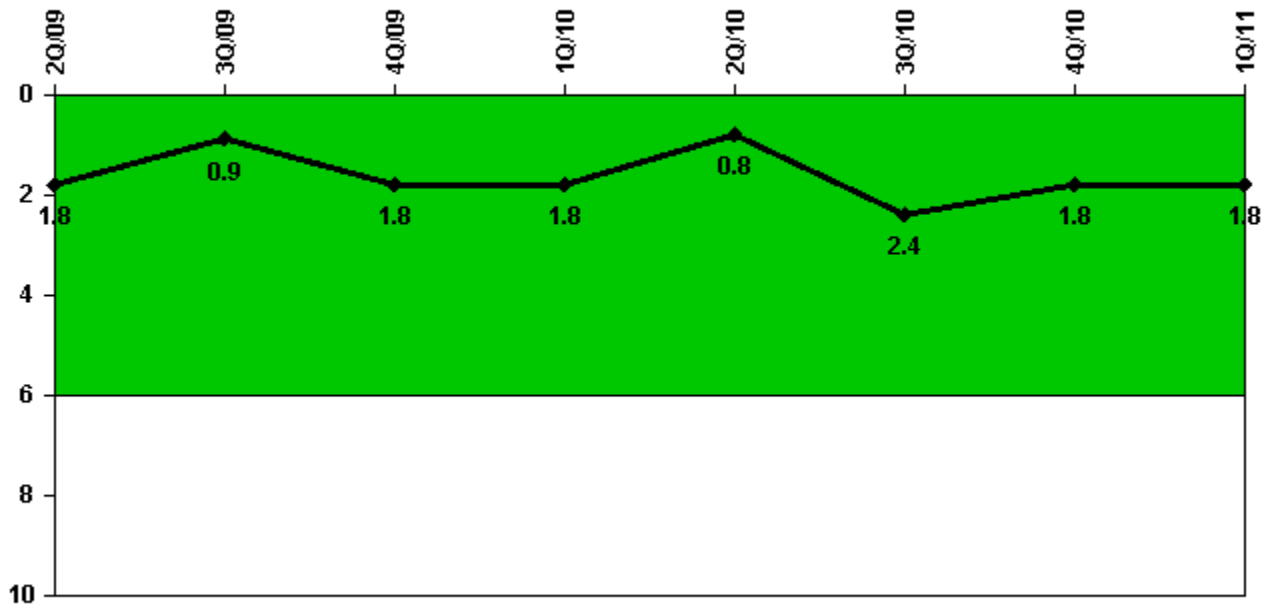
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	0	0	0	0	0	0
Critical hours	1373.0	2208.0	2209.0	2159.0	2184.0	2208.0	1284.8	2159.0
Indicator value	0.9	0.9	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



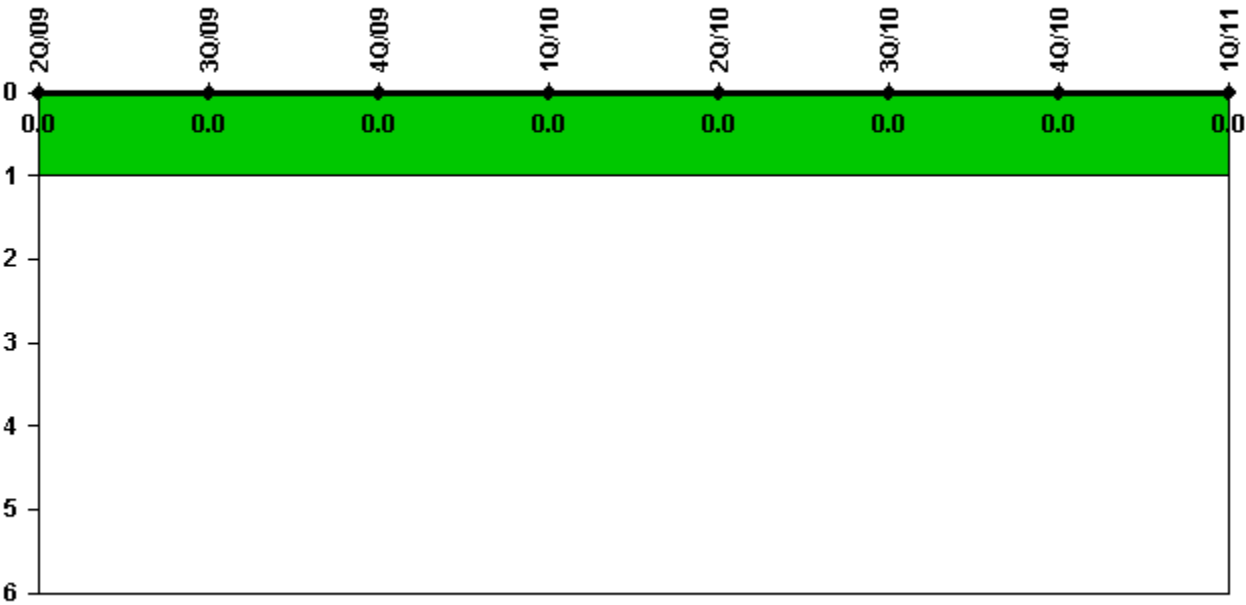
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Unplanned power changes	1.0	0	1.0	0	0	2.0	0	0
Critical hours	1373.0	2208.0	2209.0	2159.0	2184.0	2208.0	1284.8	2159.0
Indicator value	1.8	0.9	1.8	1.8	0.8	2.4	1.8	1.8

Licensee Comments: none

Unplanned Scrams with Complications



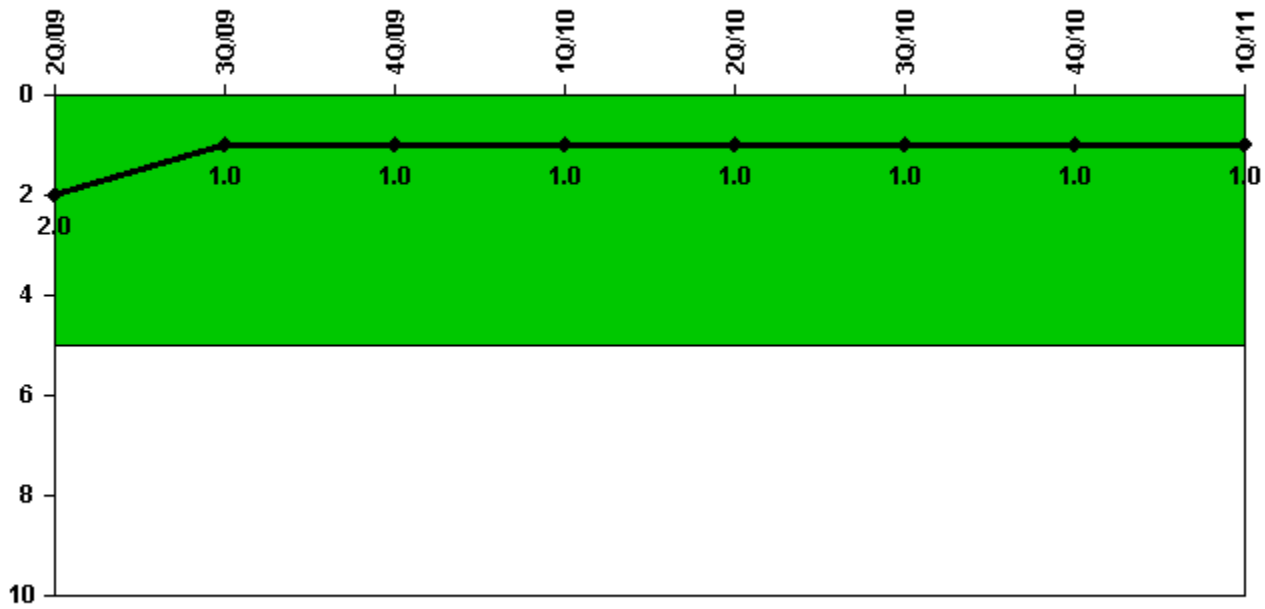
Thresholds: White > 1.0

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)



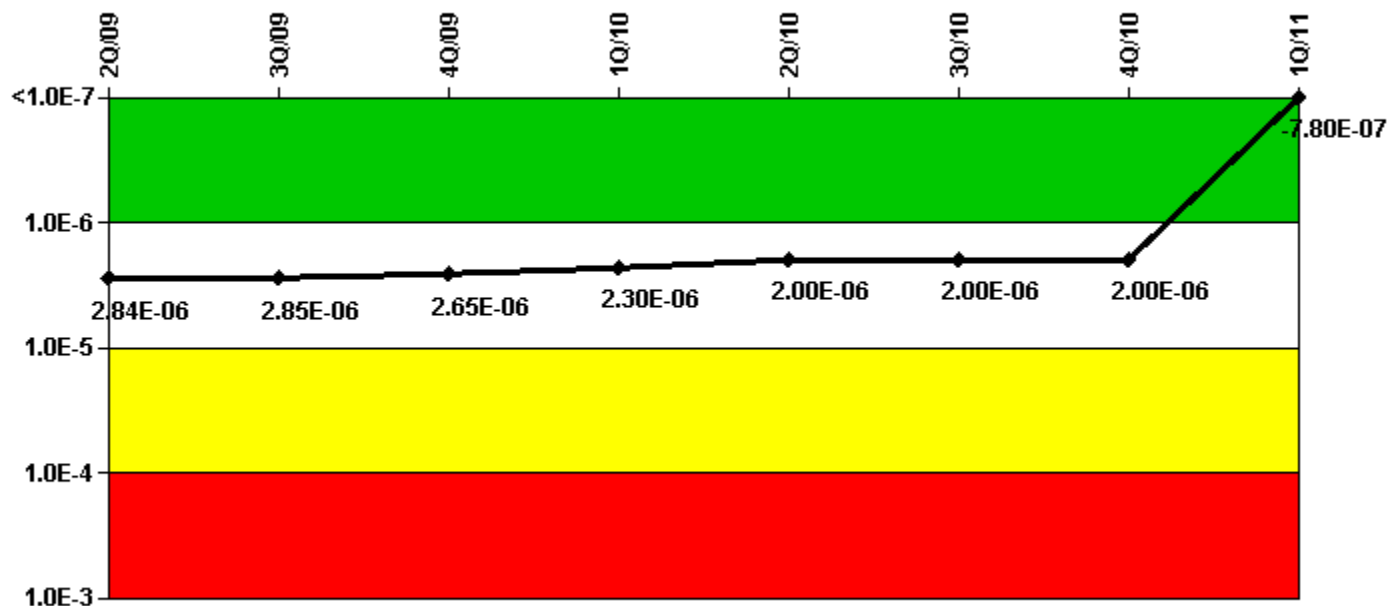
Thresholds: White > 5.0

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	1	0	0	0	1	0	0	0
Indicator value	2	1	1	1	1	1	1	1

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



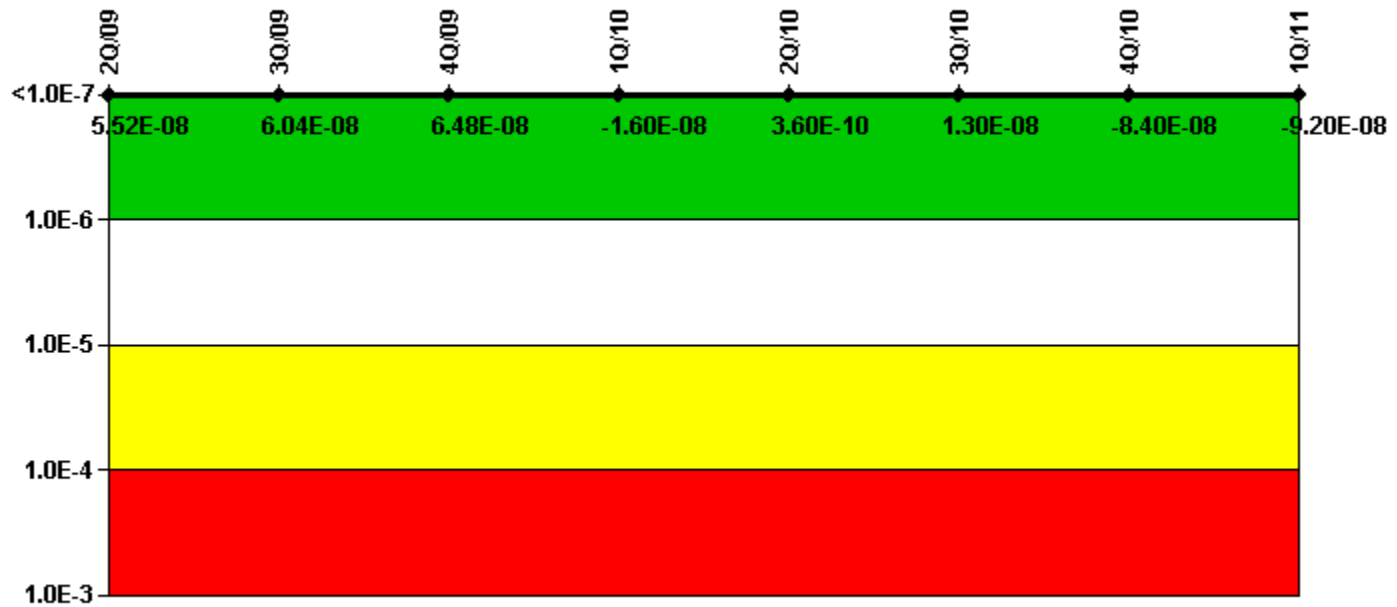
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (ΔCDF)	8.40E-07	8.50E-07	6.50E-07	3.55E-07	3.69E-07	3.32E-07	3.27E-07	1.60E-07
URI (ΔCDF)	2.00E-06	2.00E-06	2.00E-06	1.98E-06	1.64E-06	1.64E-06	1.64E-06	-9.40E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.84E-06	2.85E-06	2.65E-06	2.30E-06	2.00E-06	2.00E-06	2.00E-06	-7.80E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



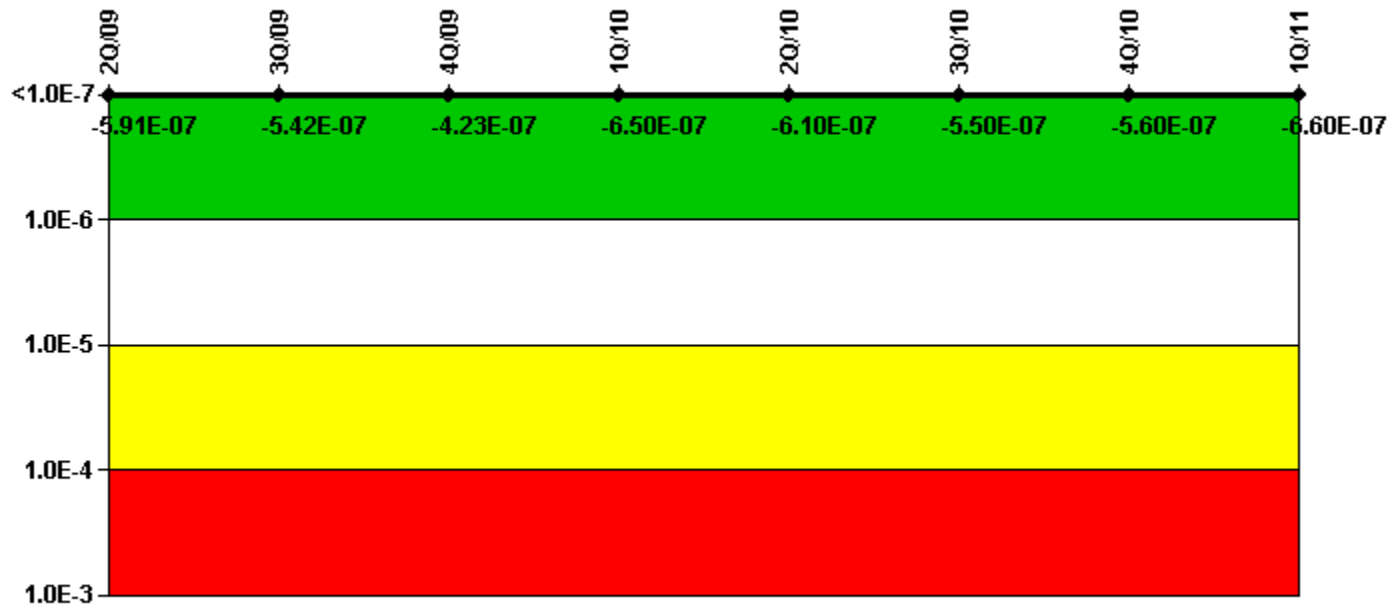
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (ΔCDF)	-3.80E-09	1.40E-09	5.80E-09	-7.53E-08	-5.88E-08	-4.65E-08	-3.24E-08	-4.05E-08
URI (ΔCDF)	5.90E-08	5.90E-08	5.90E-08	5.91E-08	5.92E-08	5.93E-08	-5.17E-08	-5.17E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	5.52E-08	6.04E-08	6.48E-08	-1.60E-08	3.60E-10	1.30E-08	-8.40E-08	-9.20E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



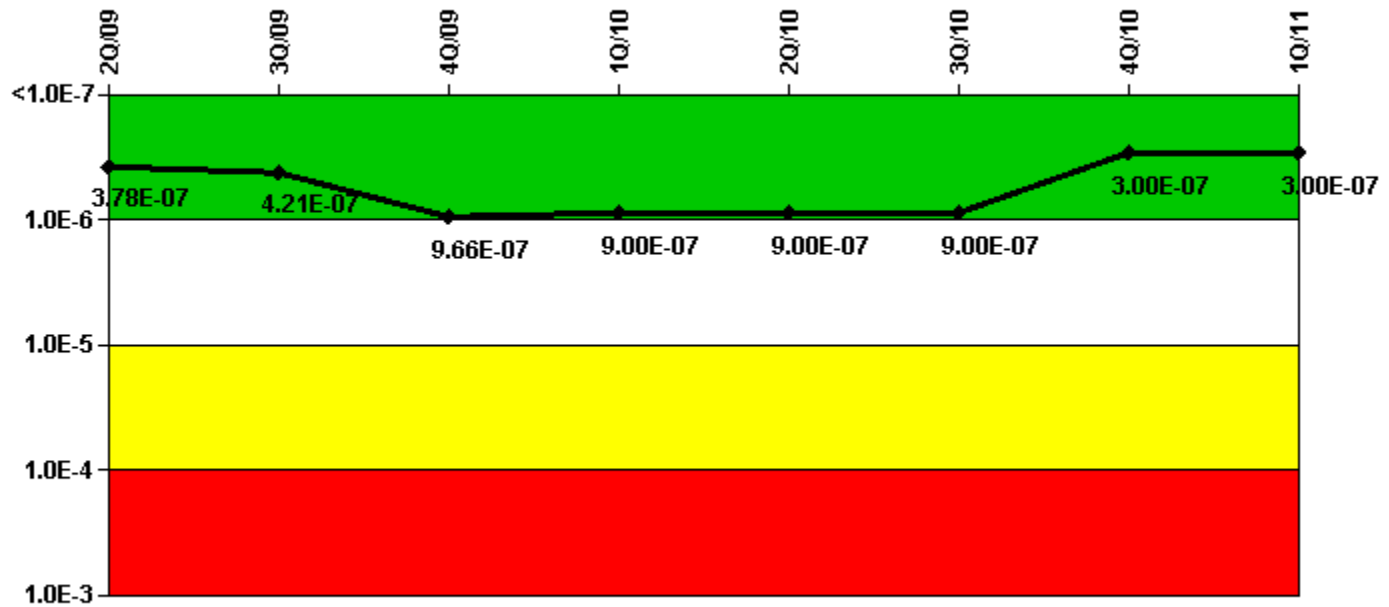
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (Δ CDF)	-9.10E-08	-4.20E-08	7.70E-08	-1.43E-07	-1.01E-07	-4.99E-08	-5.14E-08	-1.52E-07
URI (Δ CDF)	-5.00E-07	-5.00E-07	-5.00E-07	-5.04E-07	-5.04E-07	-5.04E-07	-5.04E-07	-5.04E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.91E-07	-5.42E-07	-4.23E-07	-6.50E-07	-6.10E-07	-5.50E-07	-5.60E-07	-6.60E-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

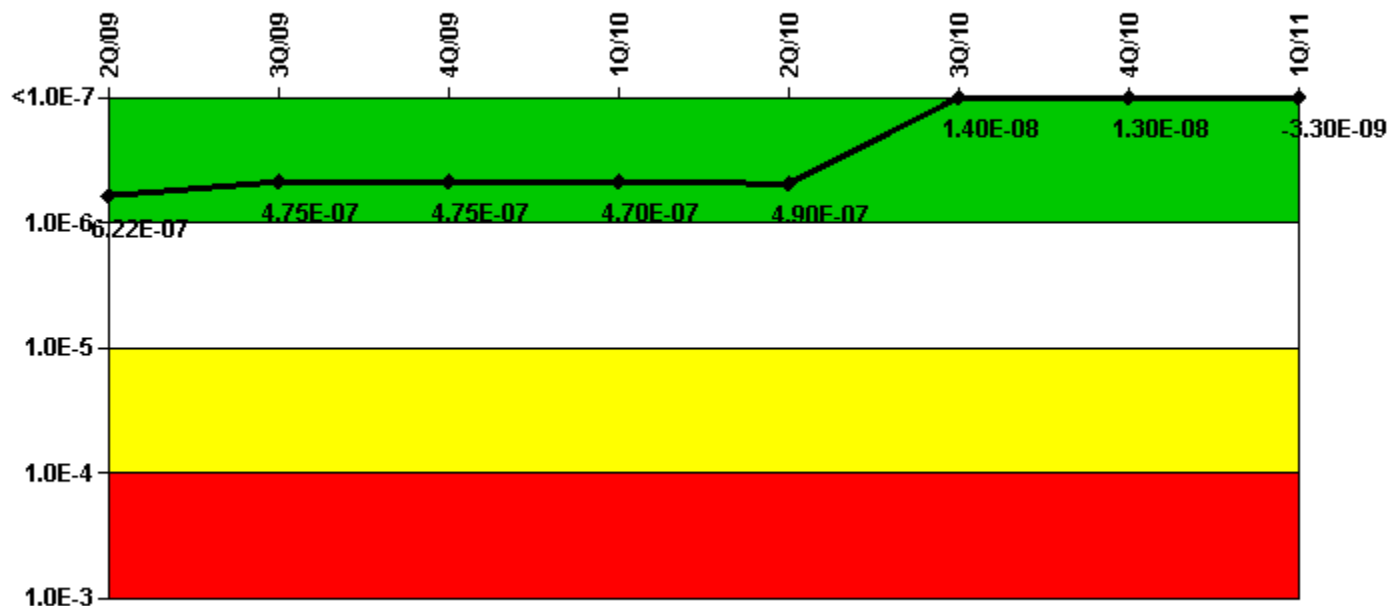
Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (Δ CDF)	-3.20E-08	1.10E-08	5.60E-08	-1.18E-08	-1.18E-08	-1.19E-08	-1.22E-08	-1.22E-08
URI (Δ CDF)	4.10E-07	4.10E-07	9.10E-07	9.14E-07	9.14E-07	9.14E-07	3.11E-07	3.11E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.78E-07	4.21E-07	9.66E-07	9.00E-07	9.00E-07	9.00E-07	3.00E-07	3.00E-07

Licensee Comments:

1Q/11: Risk Cap Invoked.

Mitigating Systems Performance Index, Cooling Water Systems



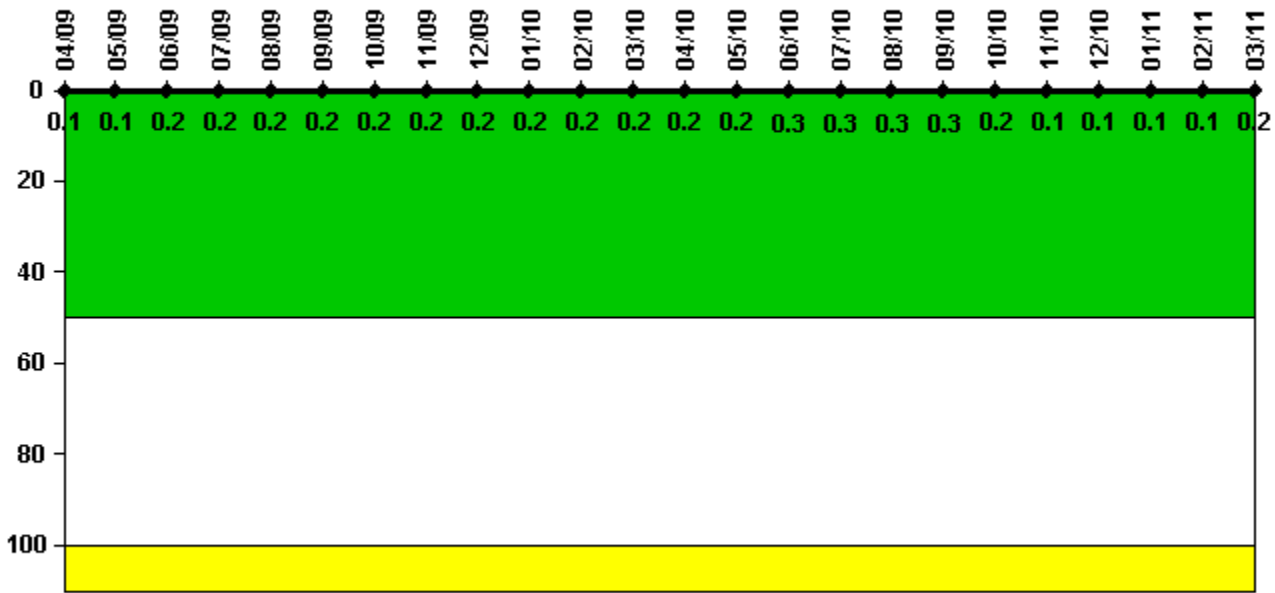
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (ΔCDF)	2.20E-08	2.50E-08	2.50E-08	1.96E-08	3.44E-08	1.03E-07	1.03E-07	8.86E-08
URI (ΔCDF)	6.00E-07	4.50E-07	4.50E-07	4.52E-07	4.54E-07	-8.89E-08	-9.05E-08	-9.19E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	6.22E-07	4.75E-07	4.75E-07	4.70E-07	4.90E-07	1.40E-08	1.30E-08	-3.30E-09

Licensee Comments: none

Reactor Coolant System Activity



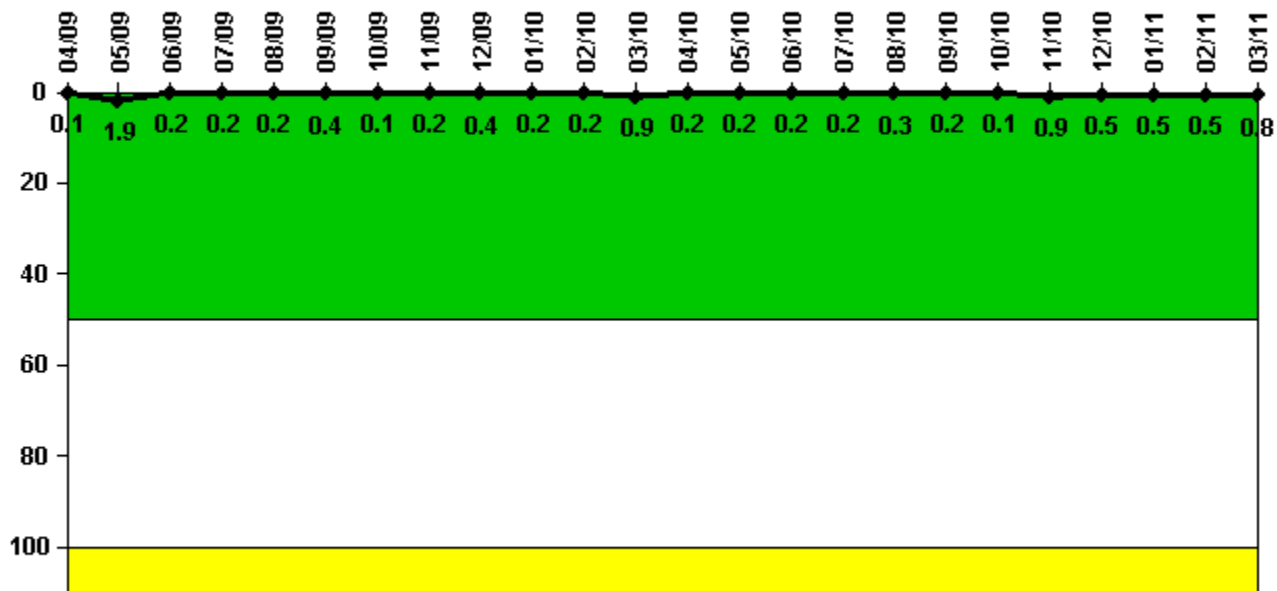
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10
Maximum activity	0.000366	0.000692	0.000856	0.000876	0.000909	0.000975	0.000971	0.001050	0.001140	0.001050	0.001060	0.001070
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
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	0.001150	0.001190	0.001290	0.001260	0.001300	0.001400	0.001110	0.000516	0.000664	0.000721	0.000749	0.000782
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.2

Licensee Comments: none

Reactor Coolant System Leakage



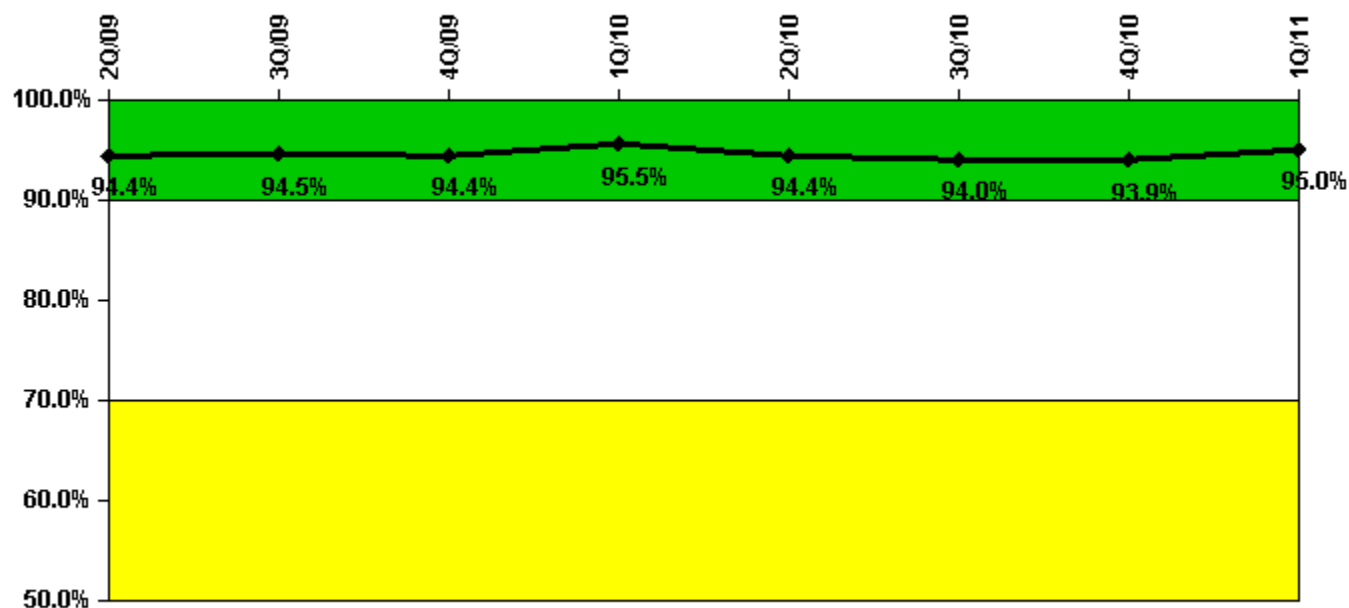
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	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	0.007	0.185	0.020	0.016	0.020	0.038	0.013	0.016	0.039	0.019	0.017	0.088
Technical specification limit	10.0	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	1.9	0.2	0.2	0.2	0.4	0.1	0.2	0.4	0.2	0.2	0.9
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	0.017	0.015	0.019	0.017	0.030	0.015	0.010	0.093	0.049	0.054	0.051	0.076
Technical specification limit	10.0	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	0.3	0.2	0.1	0.9	0.5	0.5	0.5	0.8

Licensee Comments: none

Drill/Exercise Performance



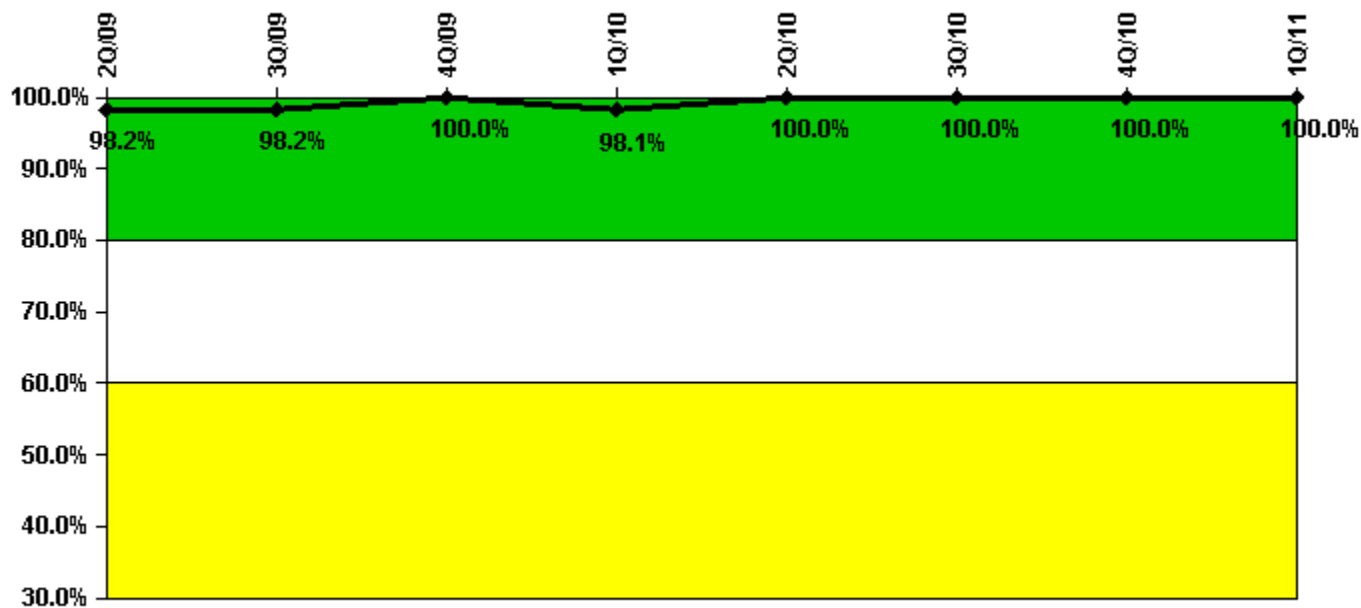
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Successful opportunities	18.0	15.0	30.0	21.0	20.0	14.0	11.0	43.0
Total opportunities	18.0	15.0	31.0	22.0	23.0	15.0	11.0	46.0
Indicator value	94.4%	94.5%	94.4%	95.5%	94.4%	94.0%	93.9%	95.0%

Licensee Comments: none

ERO Drill Participation



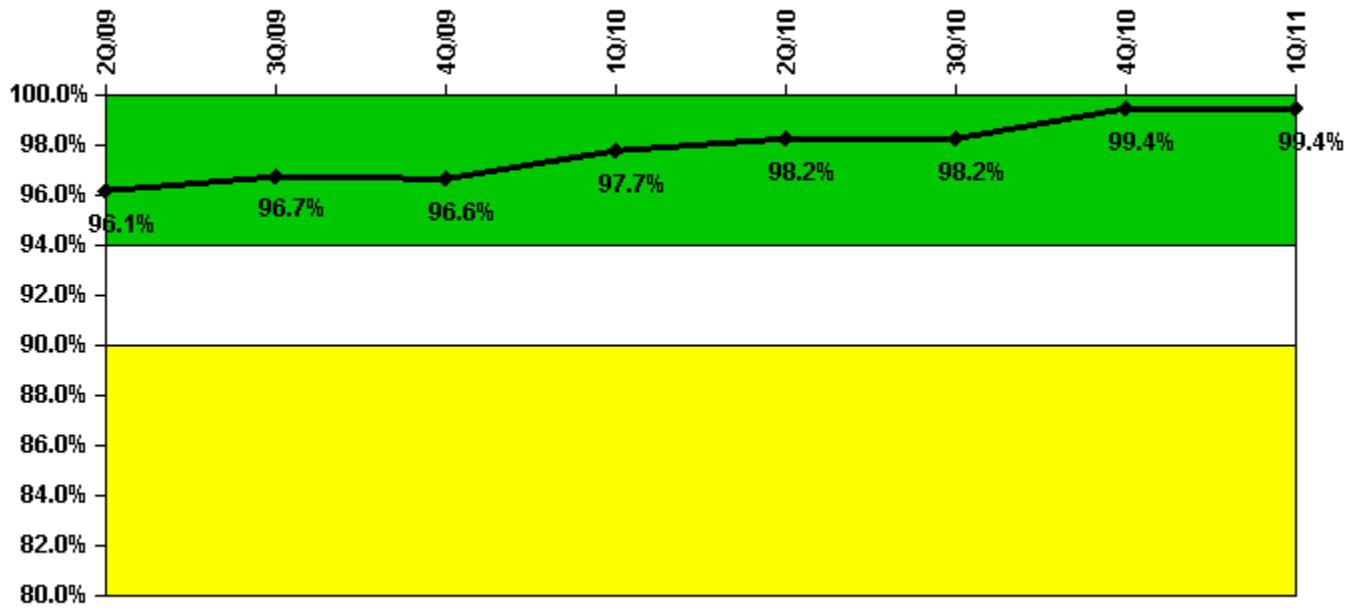
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Participating Key personnel	110.0	111.0	110.0	102.0	105.0	113.0	114.0	124.0
Total Key personnel	112.0	113.0	110.0	104.0	105.0	113.0	114.0	124.0
Indicator value	98.2%	98.2%	100.0%	98.1%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



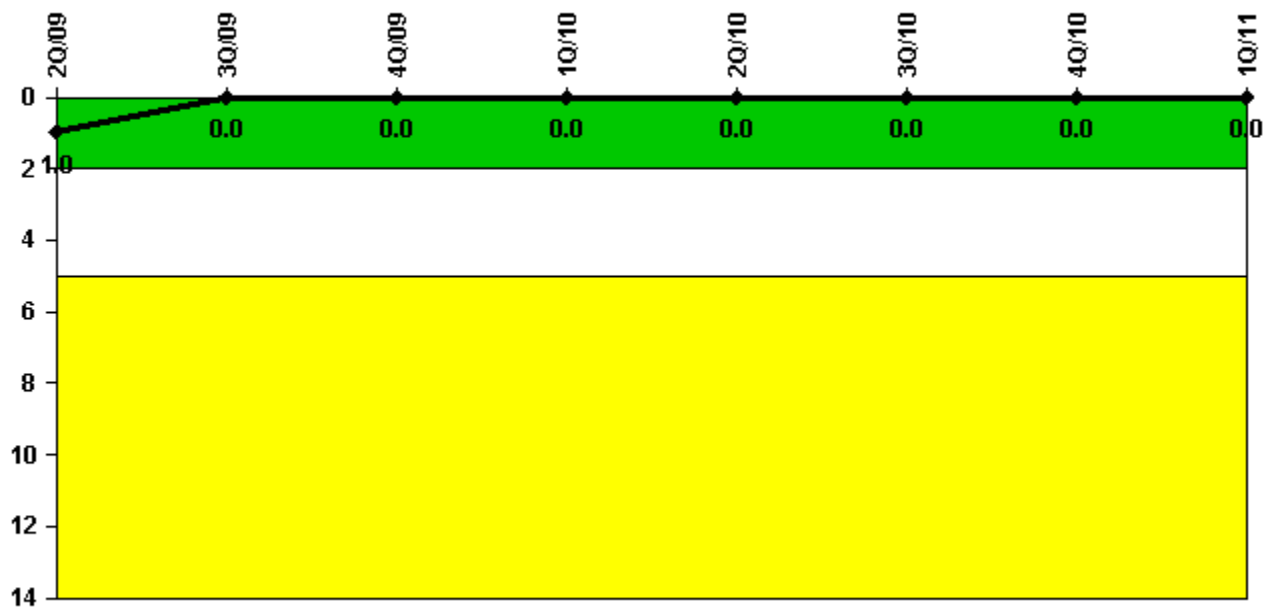
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Successful siren-tests	43	45	40	42	38	42	42	39
Total sirens-tests	45	45	42	42	39	42	42	39
Indicator value	96.1%	96.7%	96.6%	97.7%	98.2%	98.2%	99.4%	99.4%

Licensee Comments: none

Occupational Exposure Control Effectiveness



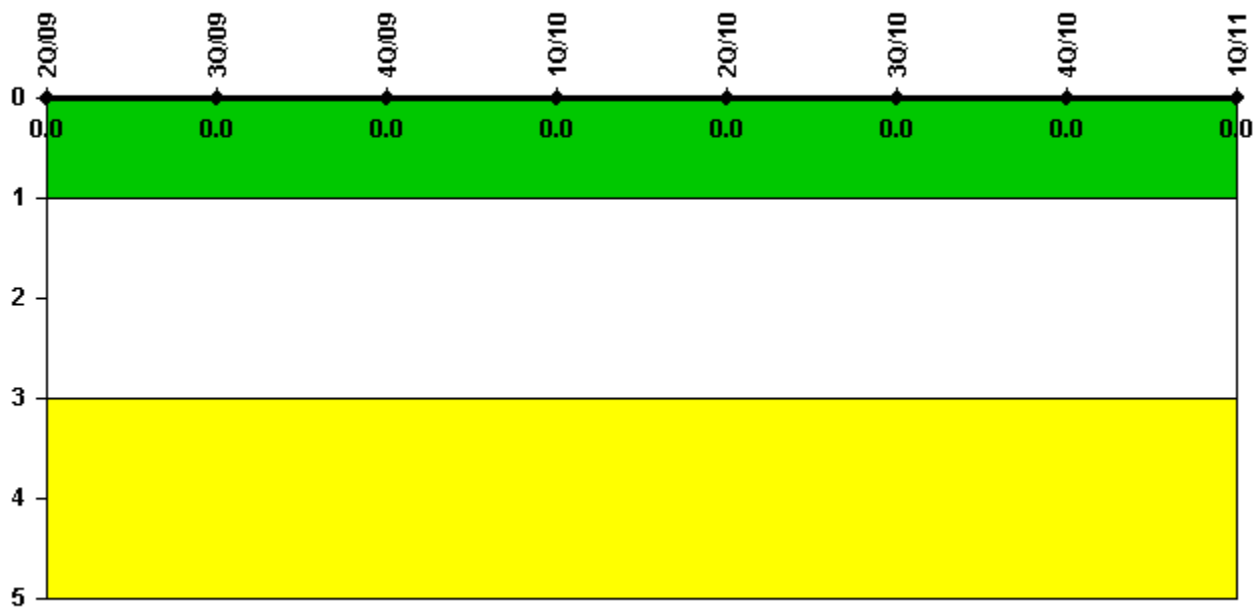
Thresholds: White > 2.0 Yellow > 5.0

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	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	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



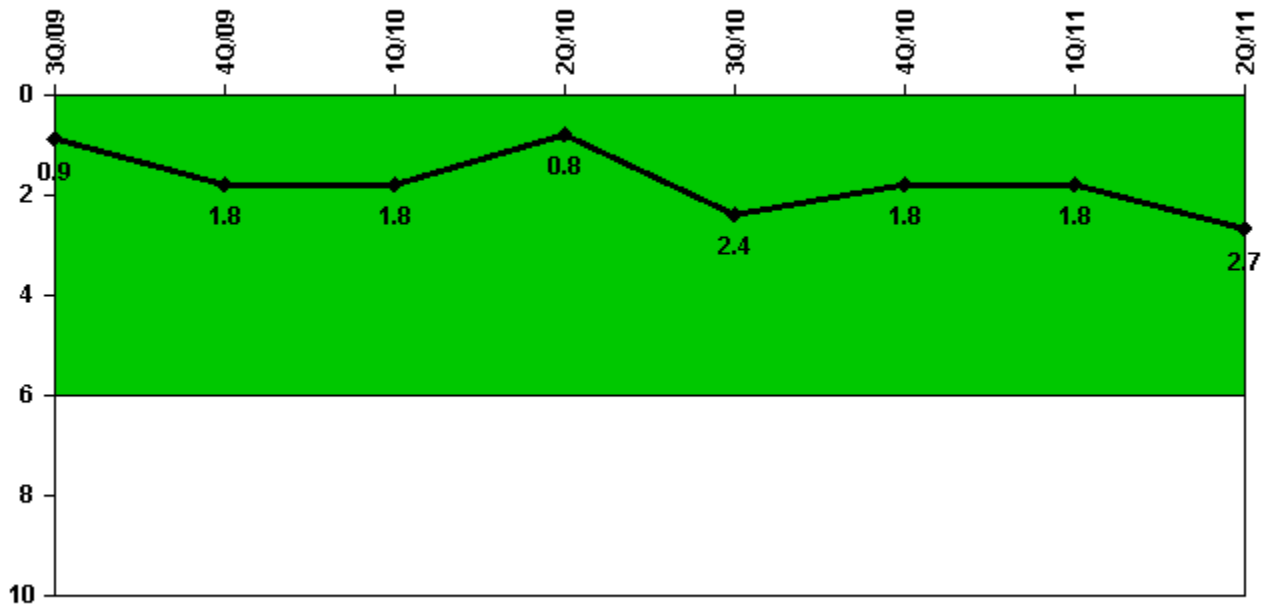
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	0	0	0	0	0	0	0
Critical hours	2208.0	2209.0	2159.0	2184.0	2208.0	1284.8	2159.0	2184.0
Indicator value	0.9	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



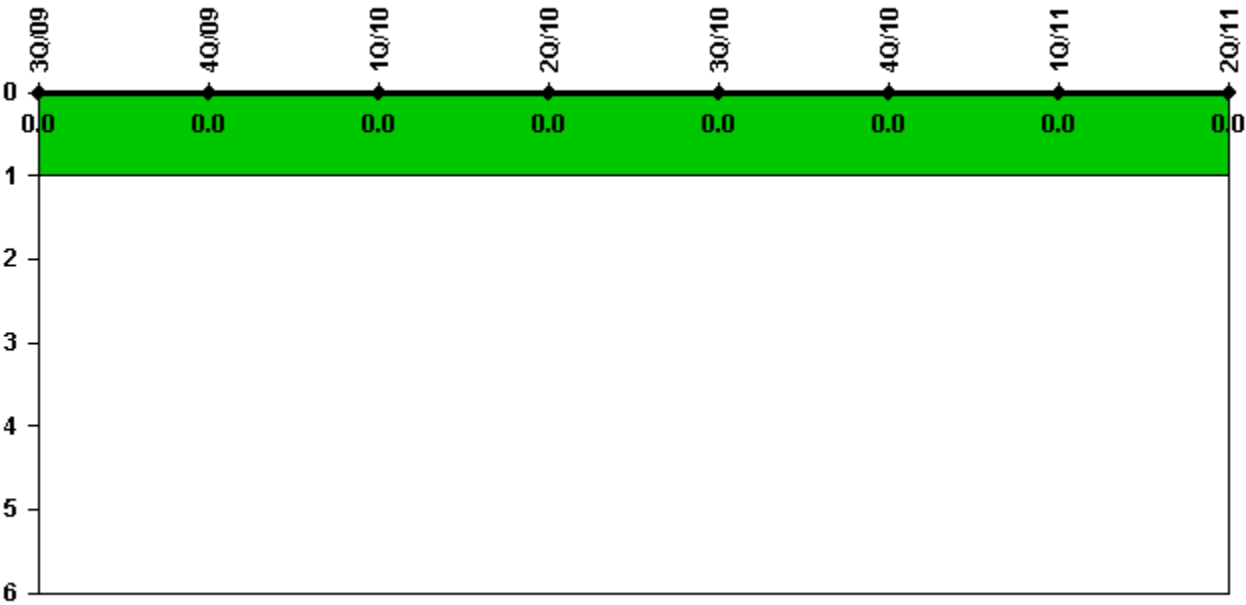
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Unplanned power changes	0	1.0	0	0	2.0	0	0	1.0
Critical hours	2208.0	2209.0	2159.0	2184.0	2208.0	1284.8	2159.0	2184.0
Indicator value	0.9	1.8	1.8	0.8	2.4	1.8	1.8	2.7

Licensee Comments: none

Unplanned Scrams with Complications



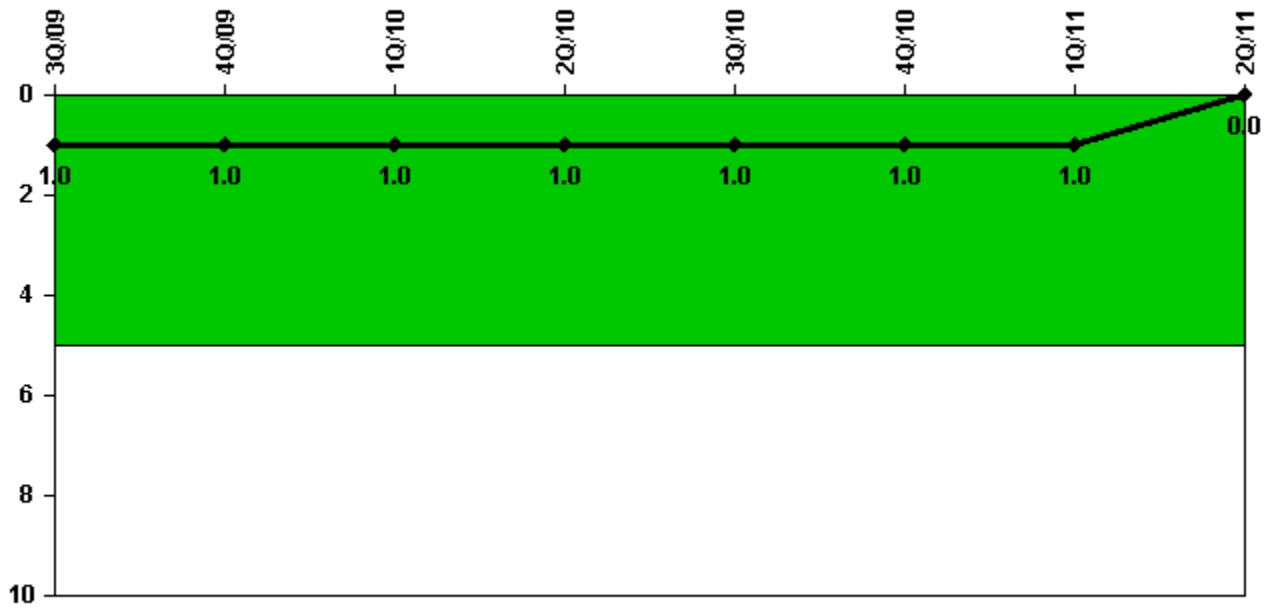
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



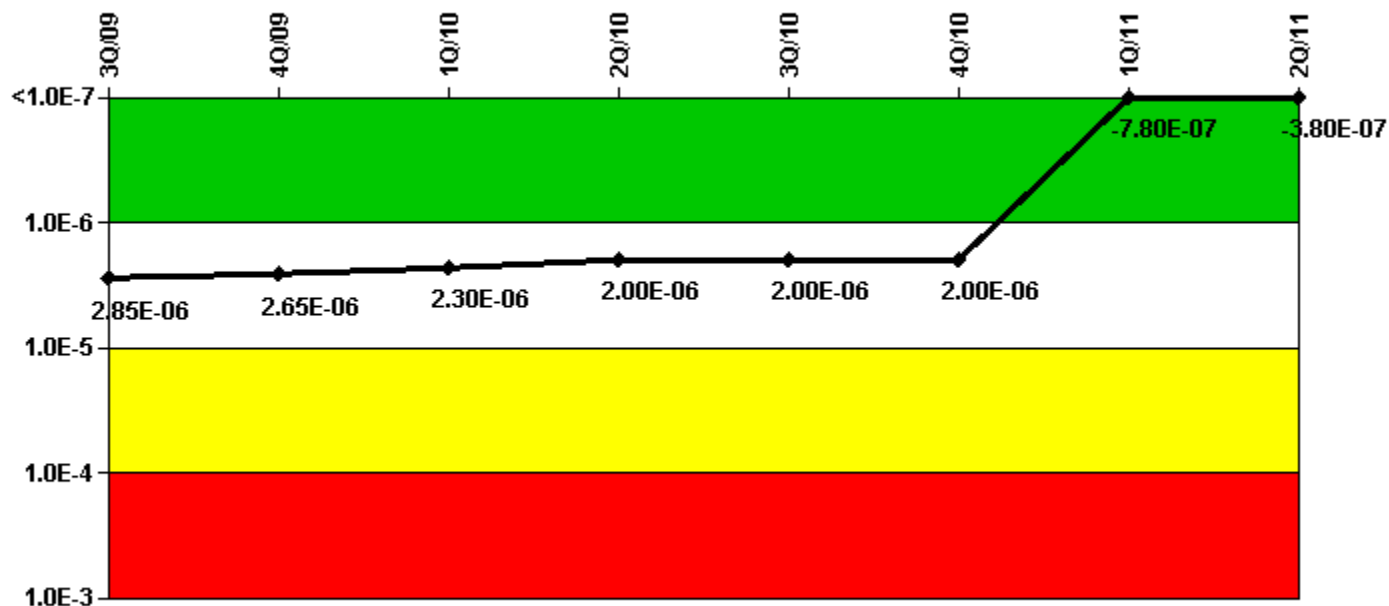
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Safety System Functional Failures	0	0	0	1	0	0	0	0
Indicator value	1	1	1	1	1	1	1	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



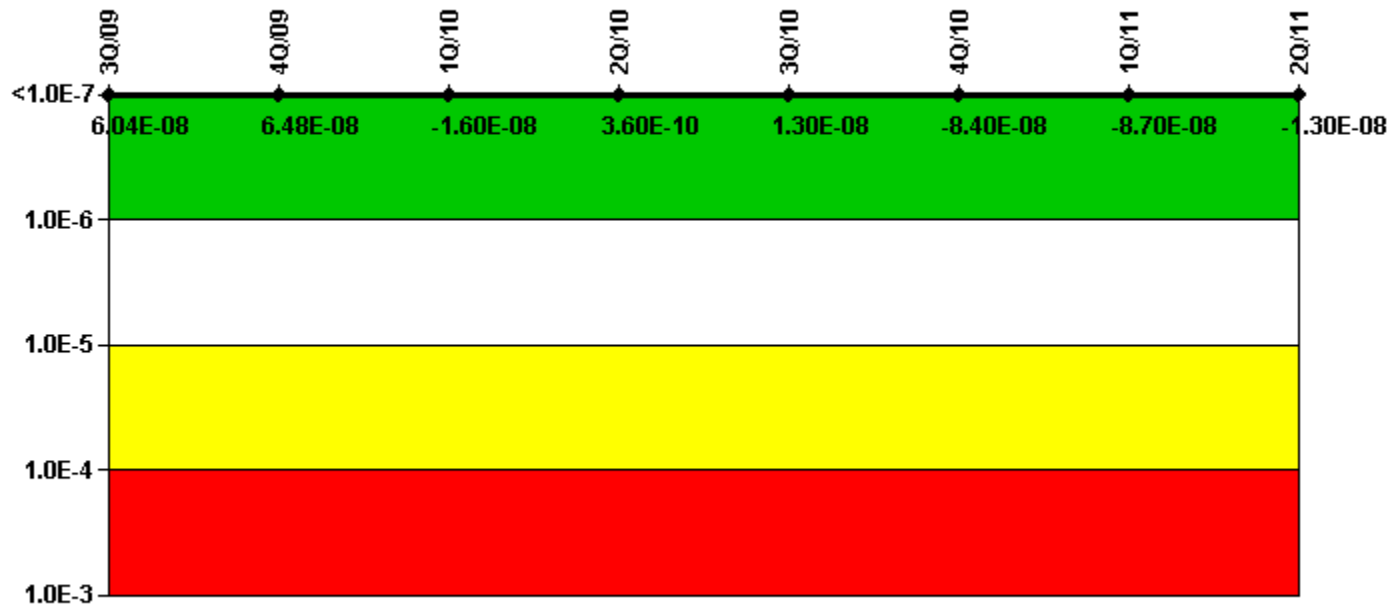
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (ΔCDF)	8.50E-07	6.50E-07	3.55E-07	3.69E-07	3.32E-07	3.27E-07	1.60E-07	1.16E-07
URI (ΔCDF)	2.00E-06	2.00E-06	1.98E-06	1.64E-06	1.64E-06	1.64E-06	-9.40E-07	-4.93E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.85E-06	2.65E-06	2.30E-06	2.00E-06	2.00E-06	2.00E-06	-7.80E-07	-3.80E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



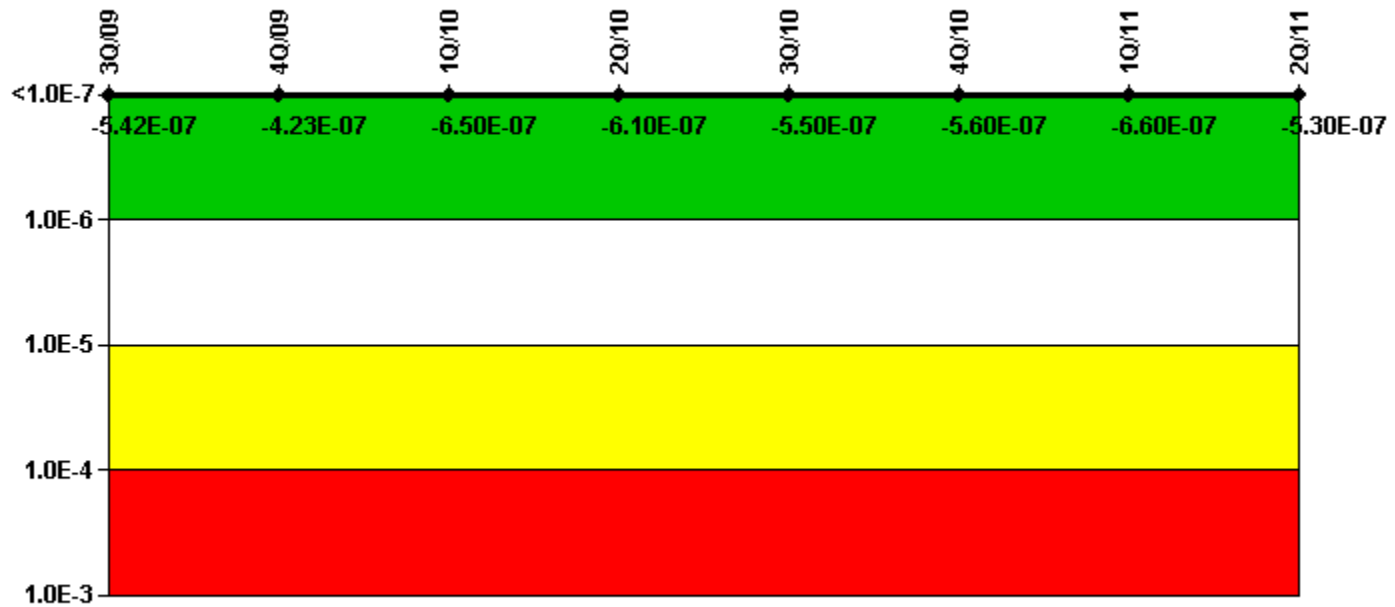
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (Δ CDF)	1.40E-09	5.80E-09	-7.53E-08	-5.88E-08	-4.65E-08	-3.24E-08	-3.52E-08	-8.61E-11
URI (Δ CDF)	5.90E-08	5.90E-08	5.91E-08	5.92E-08	5.93E-08	-5.17E-08	-5.17E-08	-1.26E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	6.04E-08	6.48E-08	-1.60E-08	3.60E-10	1.30E-08	-8.40E-08	-8.70E-08	-1.30E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



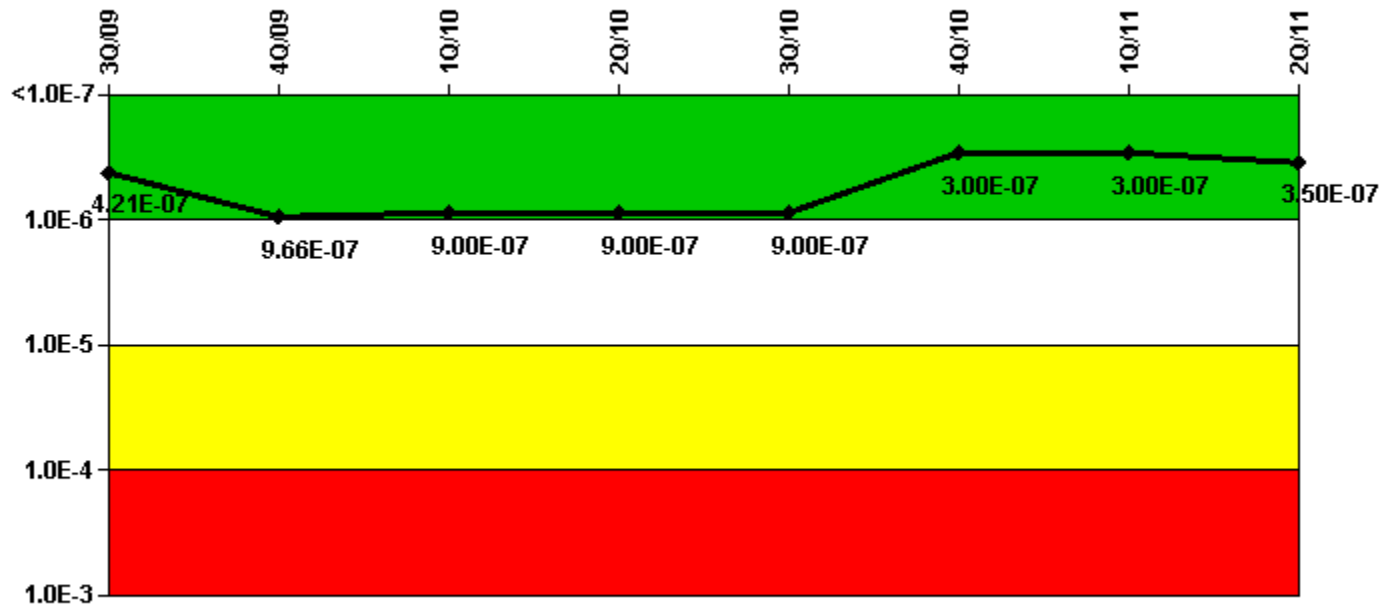
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (ΔCDF)	-4.20E-08	7.70E-08	-1.43E-07	-1.01E-07	-4.99E-08	-5.14E-08	-1.52E-07	-1.14E-07
URI (ΔCDF)	-5.00E-07	-5.00E-07	-5.04E-07	-5.04E-07	-5.04E-07	-5.04E-07	-5.04E-07	-4.16E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.42E-07	-4.23E-07	-6.50E-07	-6.10E-07	-5.50E-07	-5.60E-07	-6.60E-07	-5.30E-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

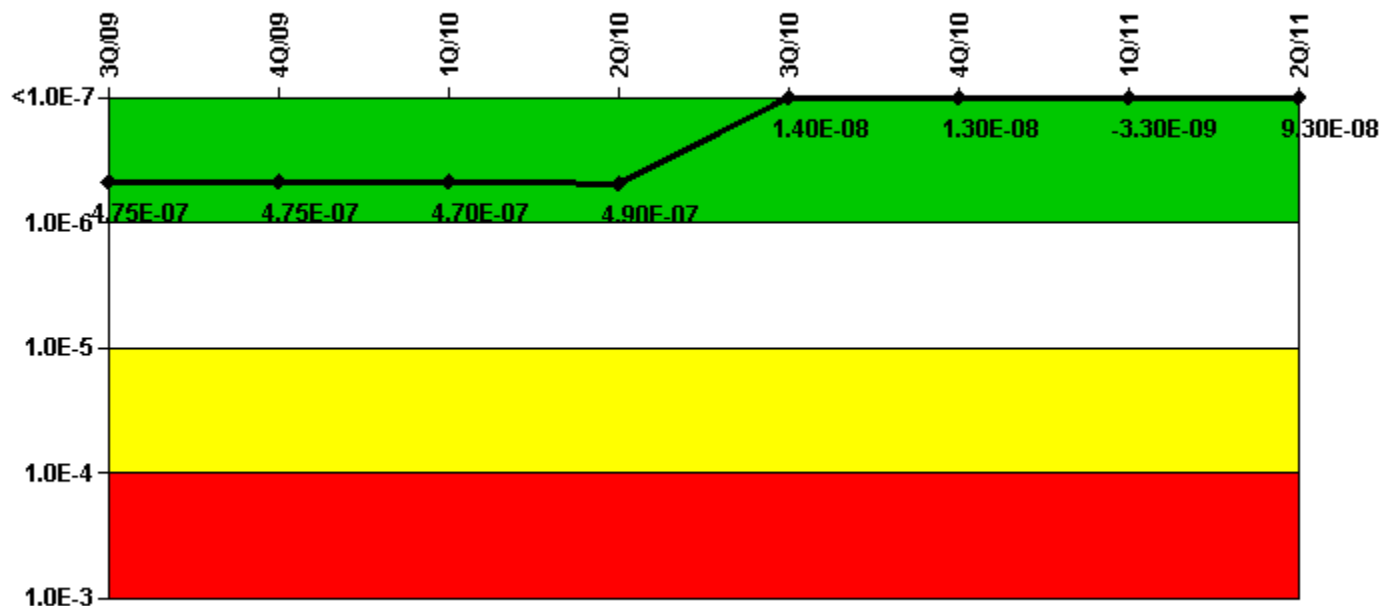
Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (Δ CDF)	1.10E-08	5.60E-08	-1.18E-08	-1.18E-08	-1.19E-08	-1.22E-08	-1.22E-08	1.86E-09
URI (Δ CDF)	4.10E-07	9.10E-07	9.14E-07	9.14E-07	9.14E-07	3.11E-07	3.11E-07	3.45E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.21E-07	9.66E-07	9.00E-07	9.00E-07	9.00E-07	3.00E-07	3.00E-07	3.50E-07

Licensee Comments:

2Q/11: Risk Cap Invoked.

Mitigating Systems Performance Index, Cooling Water Systems



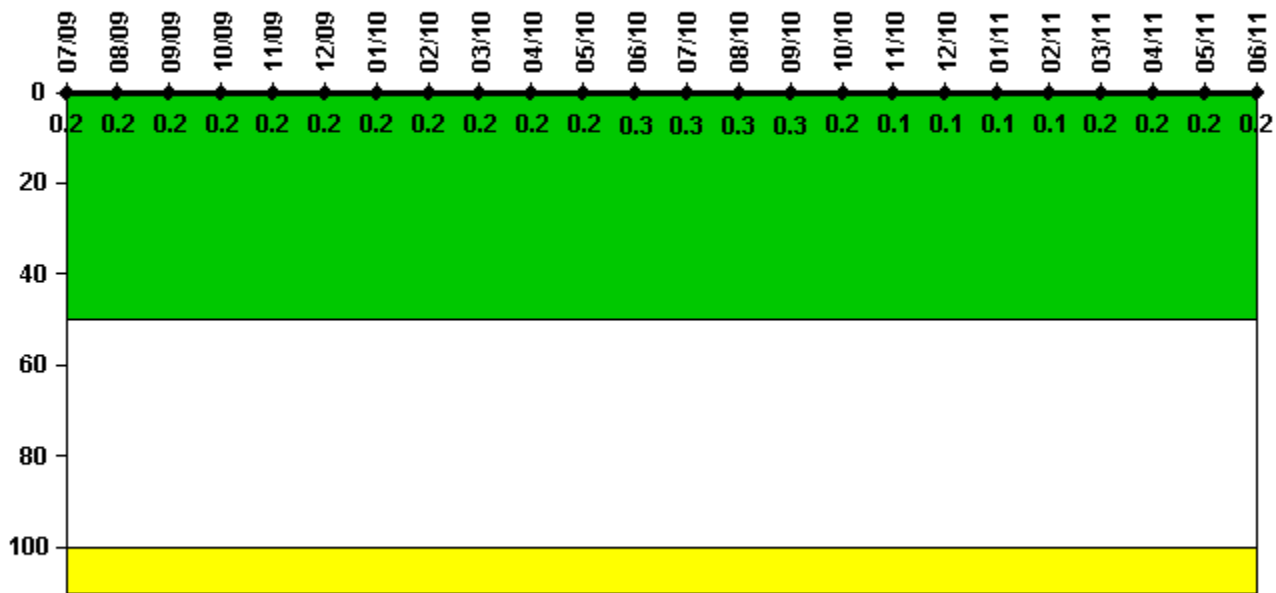
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (ΔCDF)	2.50E-08	2.50E-08	1.96E-08	3.44E-08	1.03E-07	1.03E-07	8.86E-08	2.31E-08
URI (ΔCDF)	4.50E-07	4.50E-07	4.52E-07	4.54E-07	-8.89E-08	-9.05E-08	-9.19E-08	7.02E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.75E-07	4.75E-07	4.70E-07	4.90E-07	1.40E-08	1.30E-08	-3.30E-09	9.30E-08

Licensee Comments: none

Reactor Coolant System Activity



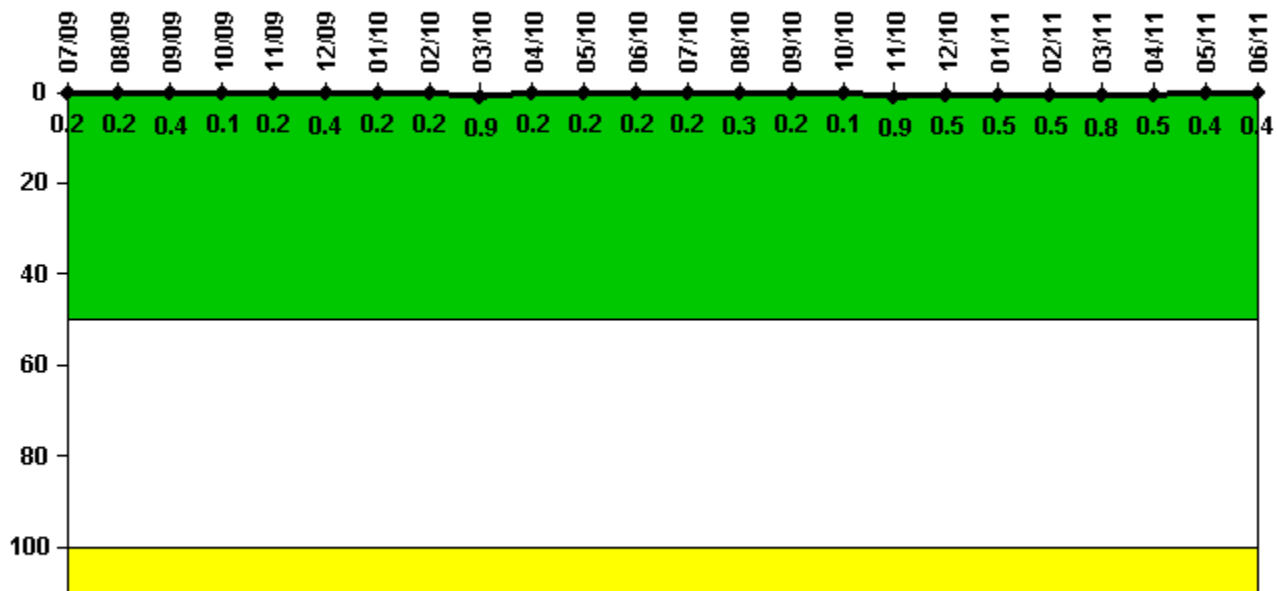
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10	4/10	5/10	6/10
Maximum activity	0.000876	0.000909	0.000975	0.000971	0.001050	0.001140	0.001050	0.001060	0.001070	0.001150	0.001190	0.001290
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
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
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	0.001260	0.001300	0.001400	0.001110	0.000516	0.000664	0.000721	0.000749	0.000782	0.000847	0.000884	0.000975
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.3	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2

Licensee Comments: none

Reactor Coolant System Leakage



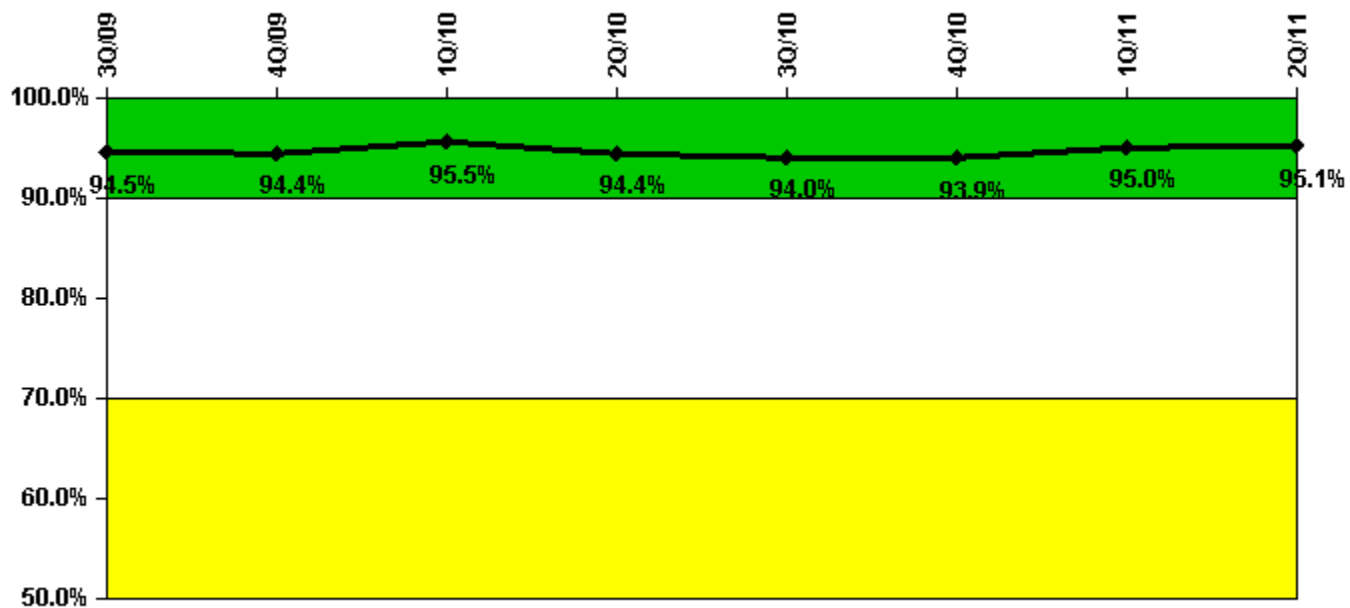
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	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	0.016	0.020	0.038	0.013	0.016	0.039	0.019	0.017	0.088	0.017	0.015	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	0.2	0.2	0.4	0.1	0.2	0.4	0.2	0.2	0.9	0.2	0.2	0.2
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	0.017	0.030	0.015	0.010	0.093	0.049	0.054	0.051	0.076	0.048	0.042	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	0.1	0.9	0.5	0.5	0.5	0.8	0.5	0.4	0.4

Licensee Comments: none

Drill/Exercise Performance



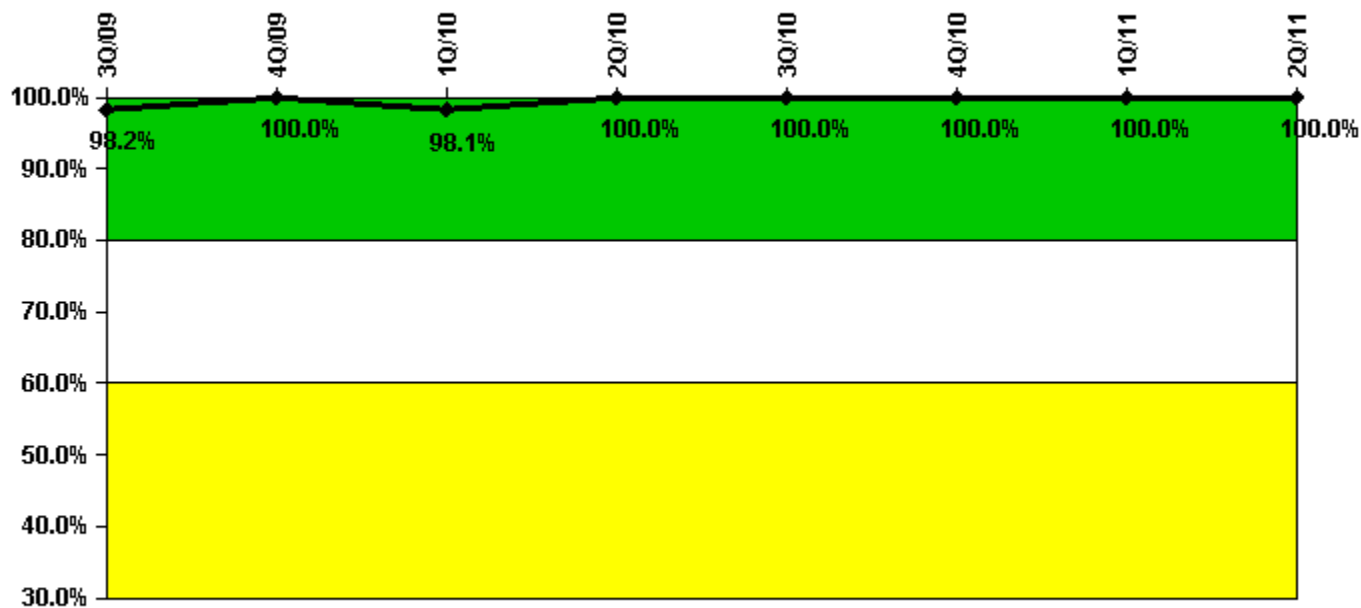
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Successful opportunities	15.0	30.0	21.0	20.0	14.0	11.0	43.0	59.0
Total opportunities	15.0	31.0	22.0	23.0	15.0	11.0	46.0	61.0
Indicator value	94.5%	94.4%	95.5%	94.4%	94.0%	93.9%	95.0%	95.1%

Licensee Comments: none

ERO Drill Participation



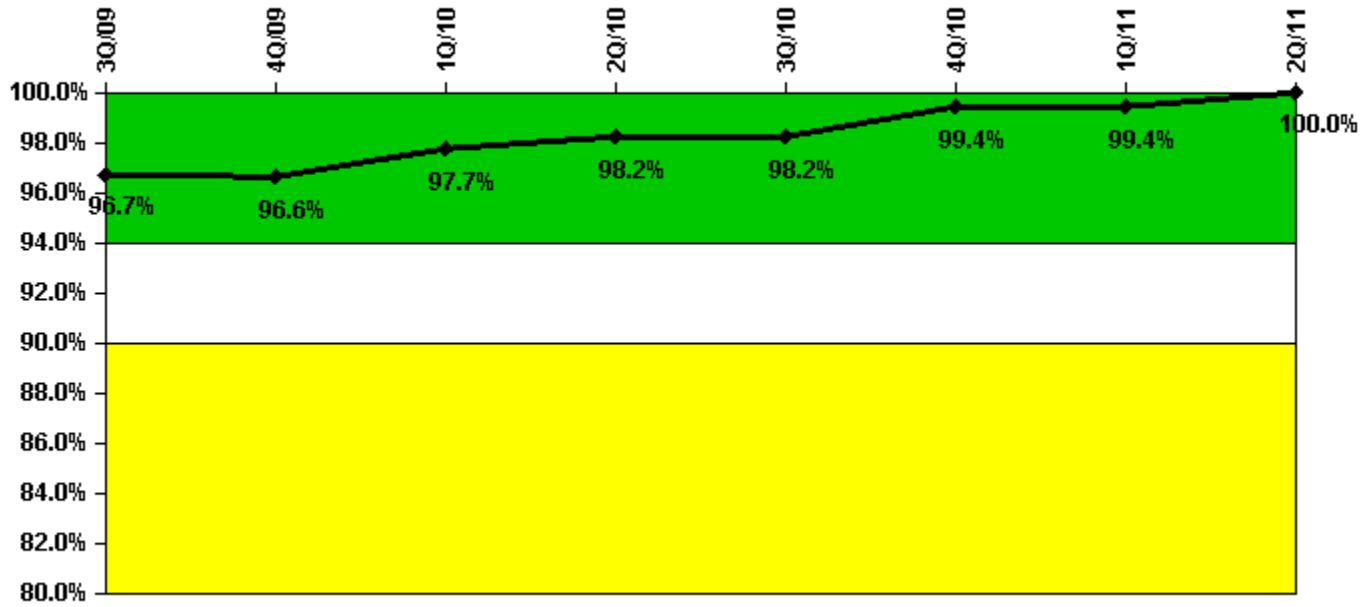
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Participating Key personnel	111.0	110.0	102.0	105.0	113.0	114.0	124.0	122.0
Total Key personnel	113.0	110.0	104.0	105.0	113.0	114.0	124.0	122.0
Indicator value	98.2%	100.0%	98.1%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



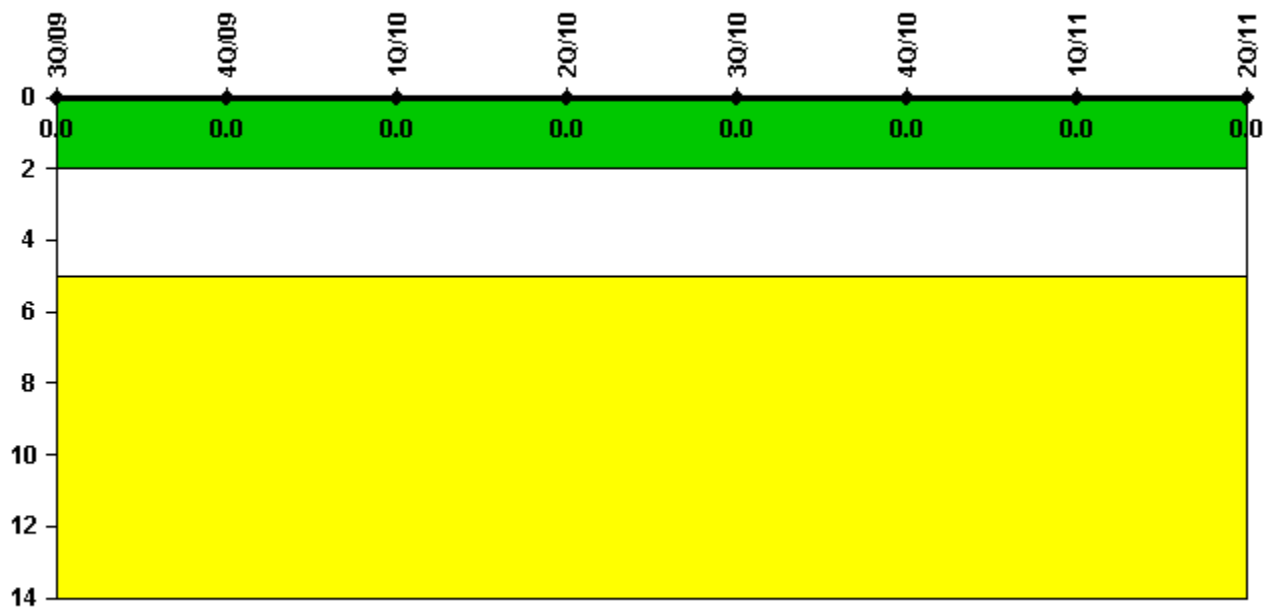
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Successful siren-tests	45	40	42	38	42	42	39	42
Total sirens-tests	45	42	42	39	42	42	39	42
Indicator value	96.7%	96.6%	97.7%	98.2%	98.2%	99.4%	99.4%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



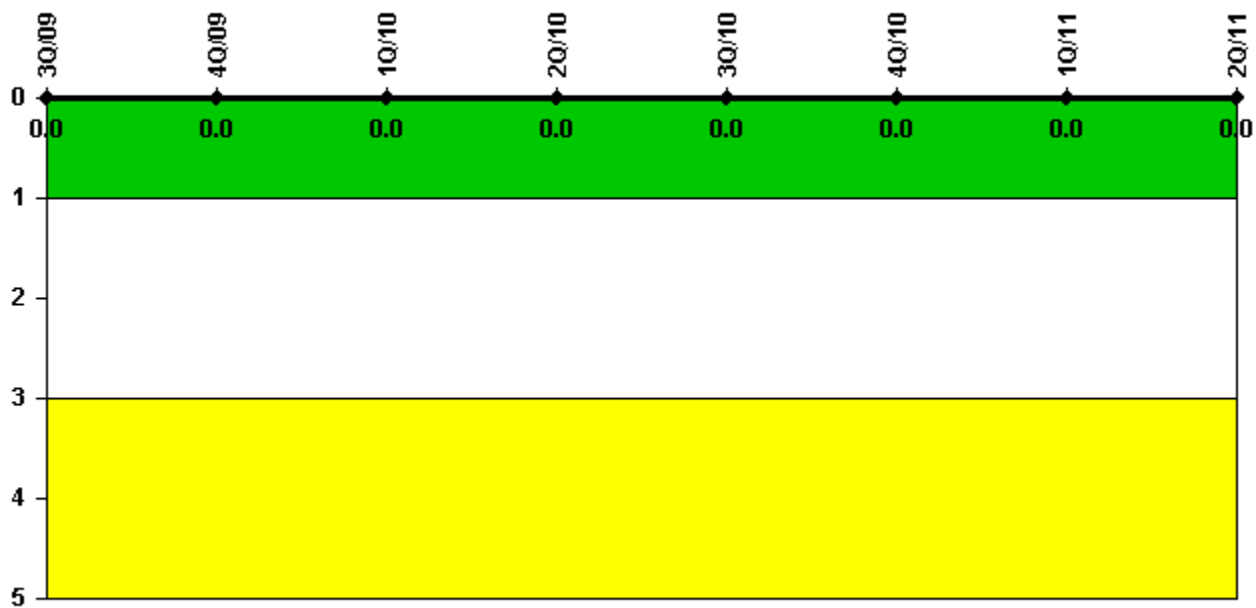
Thresholds: White > 2.0 Yellow > 5.0

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.

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3Q/2011 Performance Indicators

Licensee's General Comments: Based on the May 2011 NRC inspection all DEP and Key ERO participation credit resulting from an ENN Communicator JPM has been removed from June 2011 back through July of 2010.

Unplanned Scrams per 7000 Critical Hrs



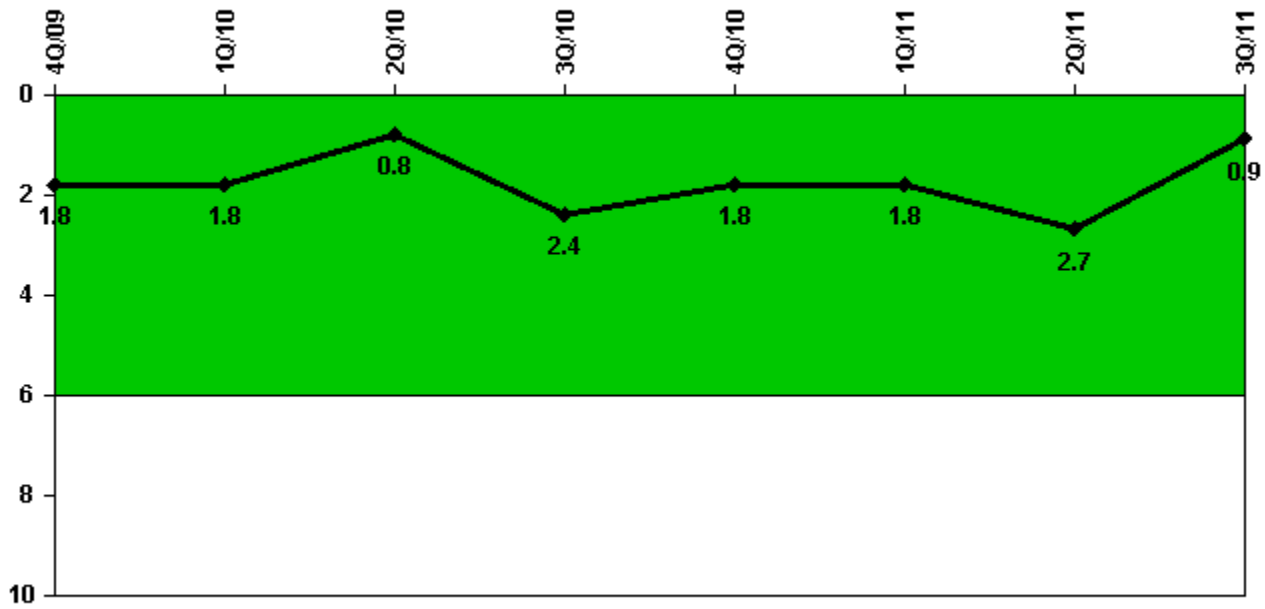
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2209.0	2159.0	2184.0	2208.0	1284.8	2159.0	2184.0	2208.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



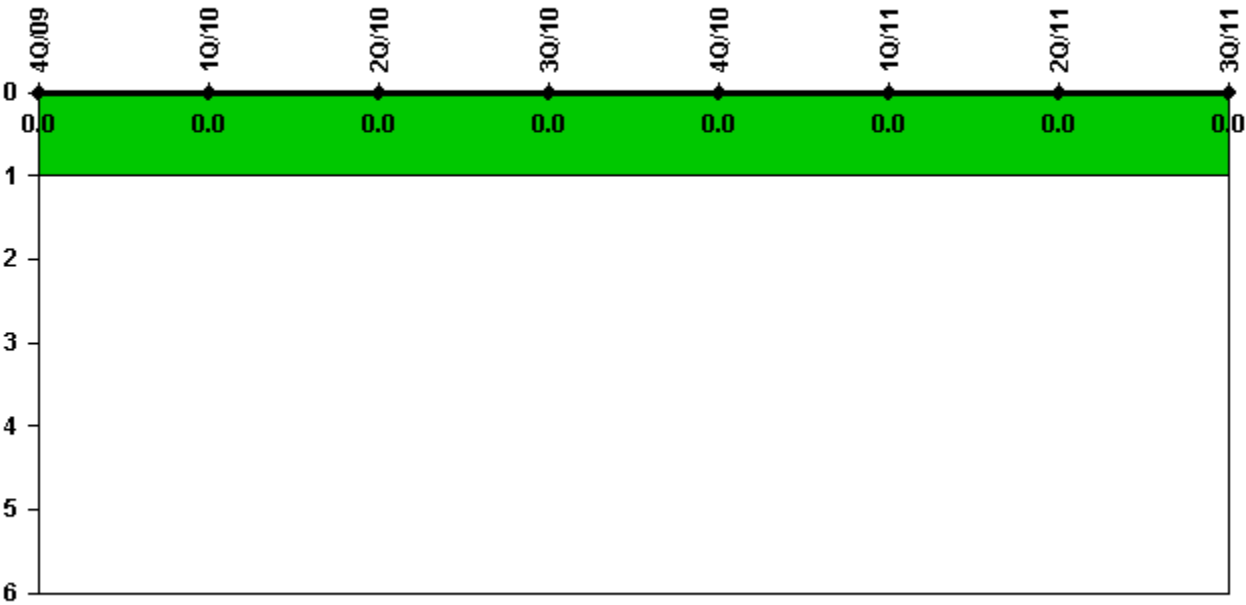
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Unplanned power changes	1.0	0	0	2.0	0	0	1.0	0
Critical hours	2209.0	2159.0	2184.0	2208.0	1284.8	2159.0	2184.0	2208.0
Indicator value	1.8	1.8	0.8	2.4	1.8	1.8	2.7	0.9

Licensee Comments: none

Unplanned Scrams with Complications



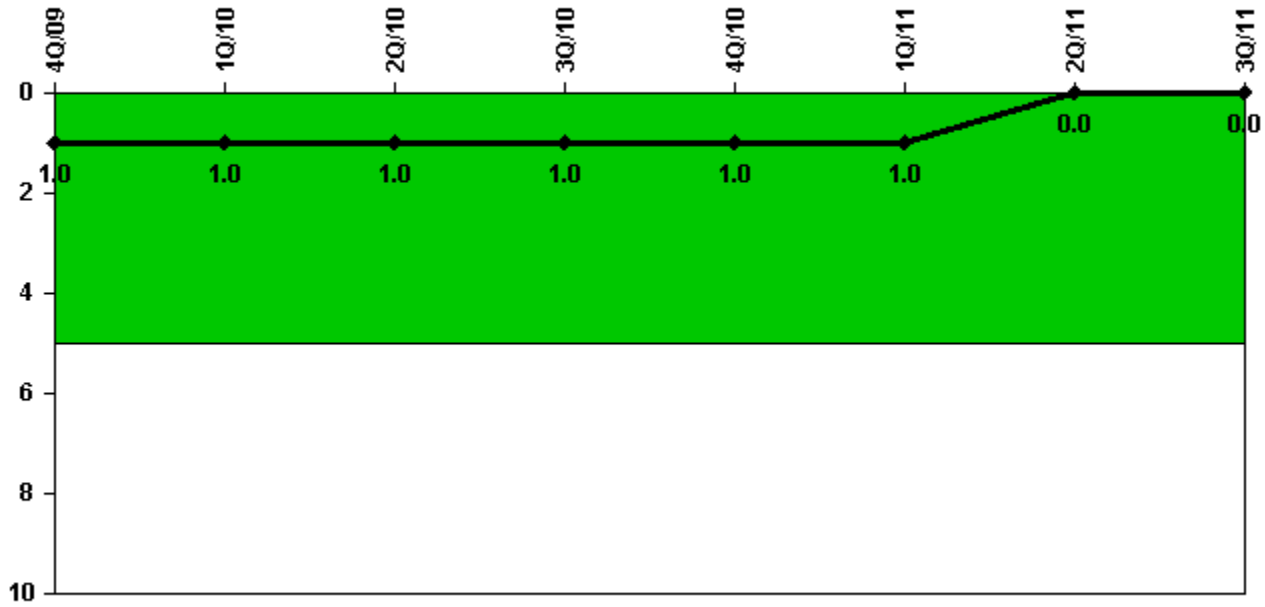
Thresholds: White > 1.0

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)



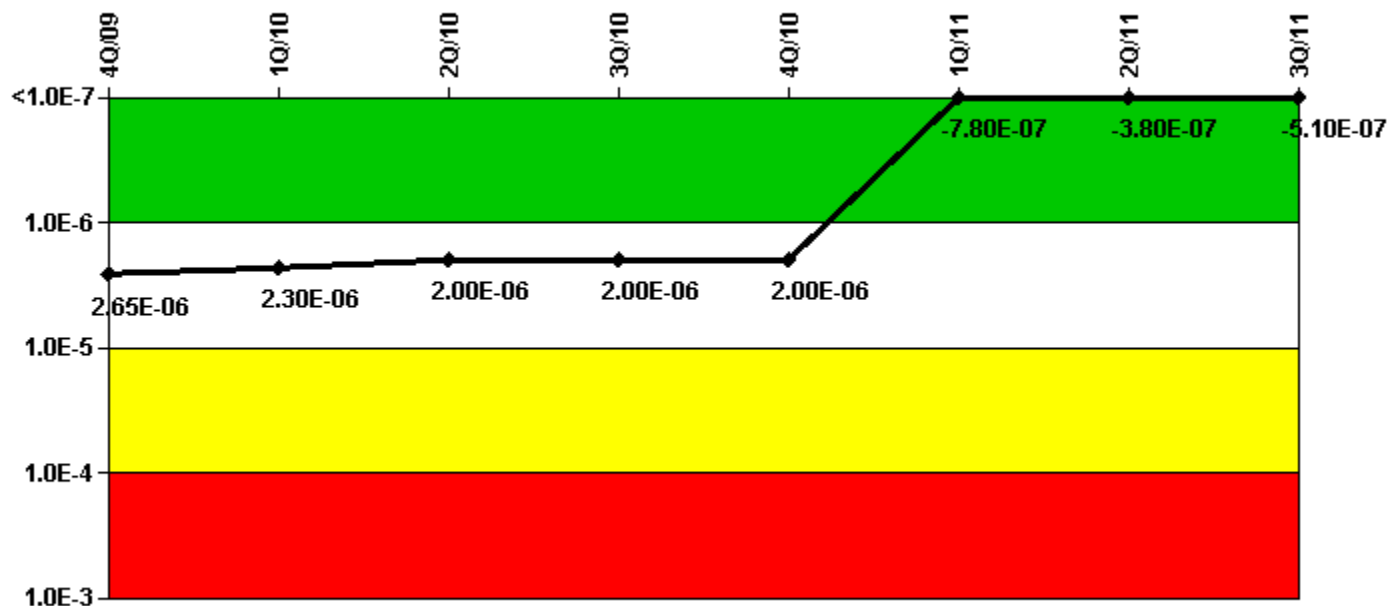
Thresholds: White > 5.0

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



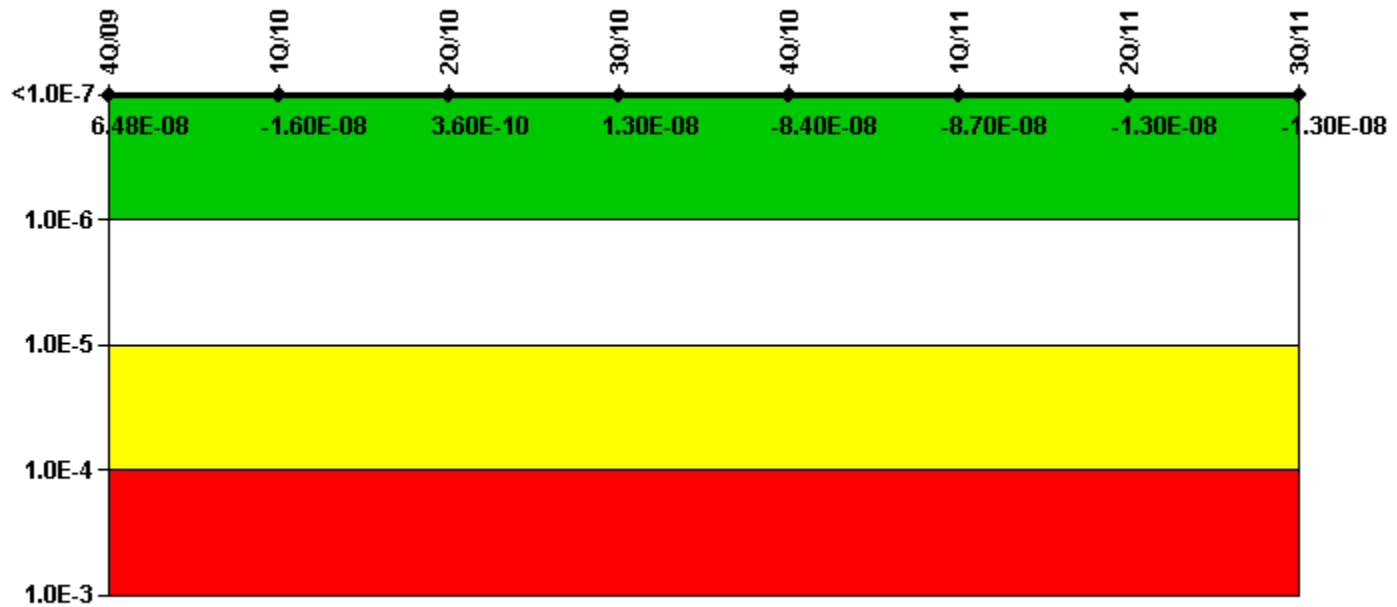
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (Δ CDF)	$6.50E-07$	$3.55E-07$	$3.69E-07$	$3.32E-07$	$3.27E-07$	$1.60E-07$	$1.16E-07$	$-2.66E-08$
URI (Δ CDF)	$2.00E-06$	$1.98E-06$	$1.64E-06$	$1.64E-06$	$1.64E-06$	$-9.40E-07$	$-4.93E-07$	$-4.88E-07$
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	$2.65E-06$	$2.30E-06$	$2.00E-06$	$2.00E-06$	$2.00E-06$	$-7.80E-07$	$-3.80E-07$	$-5.10E-07$

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



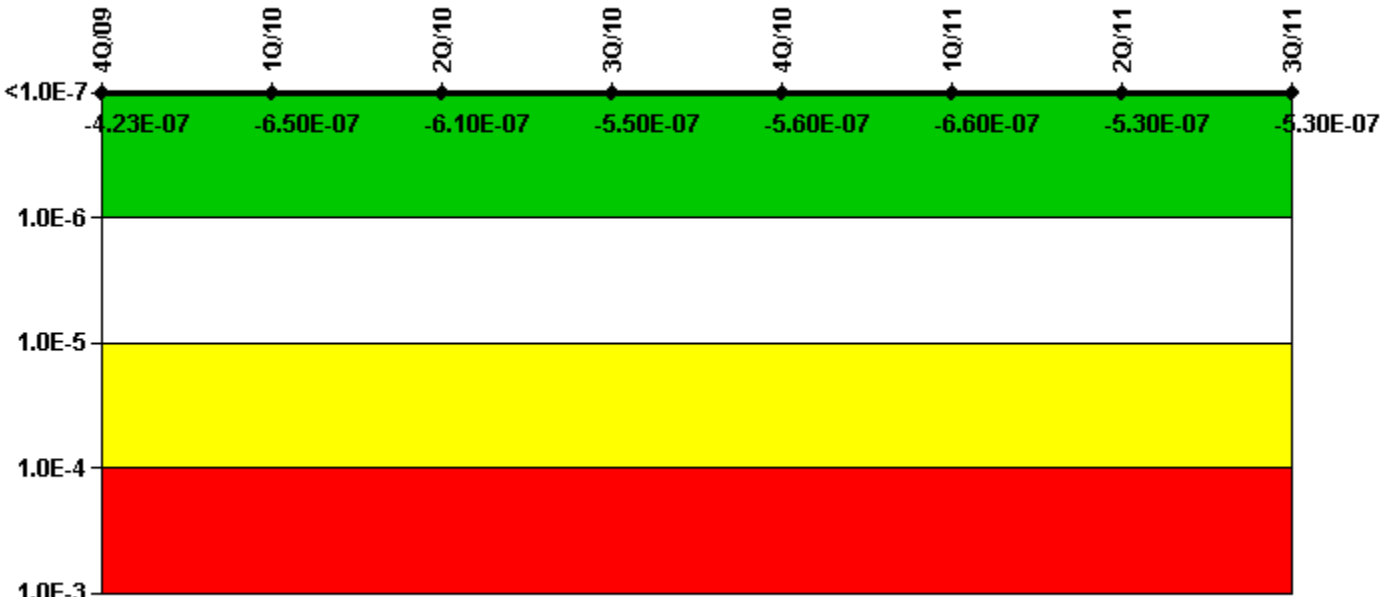
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (Δ CDF)	5.80E-09	-7.53E-08	-5.88E-08	-4.65E-08	-3.24E-08	-3.52E-08	-8.61E-11	-4.90E-11
URI (Δ CDF)	5.90E-08	5.91E-08	5.92E-08	5.93E-08	-5.17E-08	-5.17E-08	-1.26E-08	-1.26E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	6.48E-08	-1.60E-08	3.60E-10	1.30E-08	-8.40E-08	-8.70E-08	-1.30E-08	-1.30E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



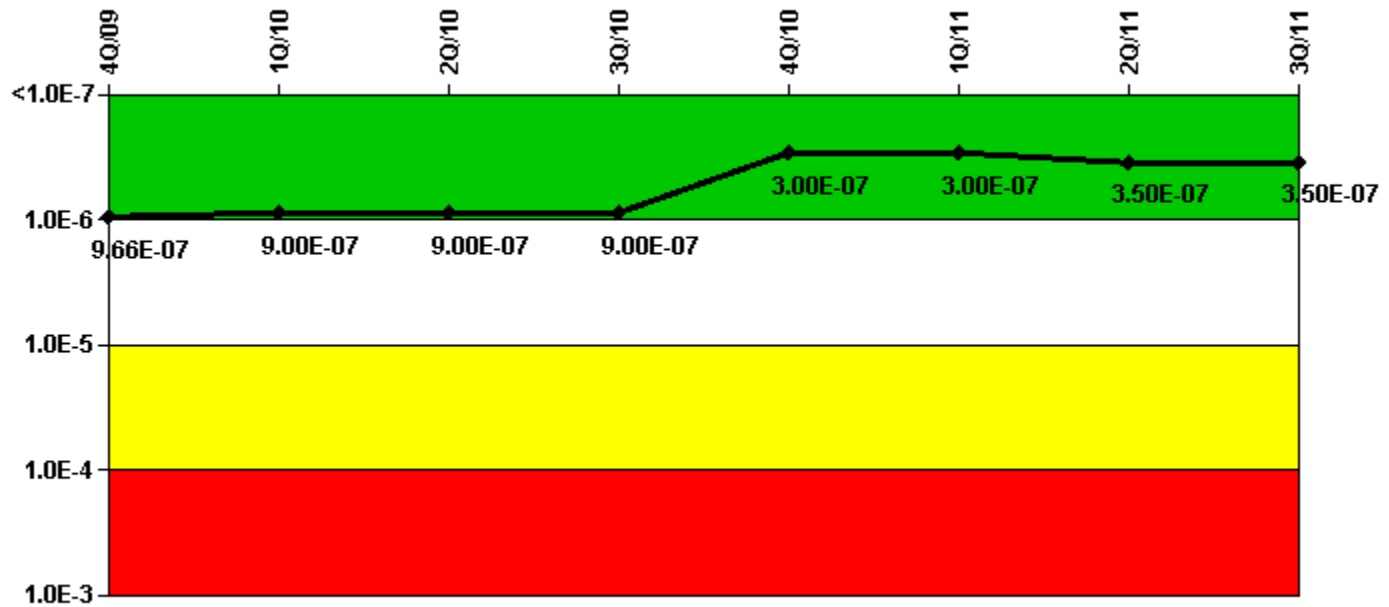
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (ΔCDF)	7.70E-08	-1.43E-07	-1.01E-07	-4.99E-08	-5.14E-08	-1.52E-07	-1.14E-07	-1.13E-07
URI (ΔCDF)	-5.00E-07	-5.04E-07	-5.04E-07	-5.04E-07	-5.04E-07	-5.04E-07	-4.16E-07	-4.16E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.23E-07	-6.50E-07	-6.10E-07	-5.50E-07	-5.60E-07	-6.60E-07	-5.30E-07	-5.30E-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

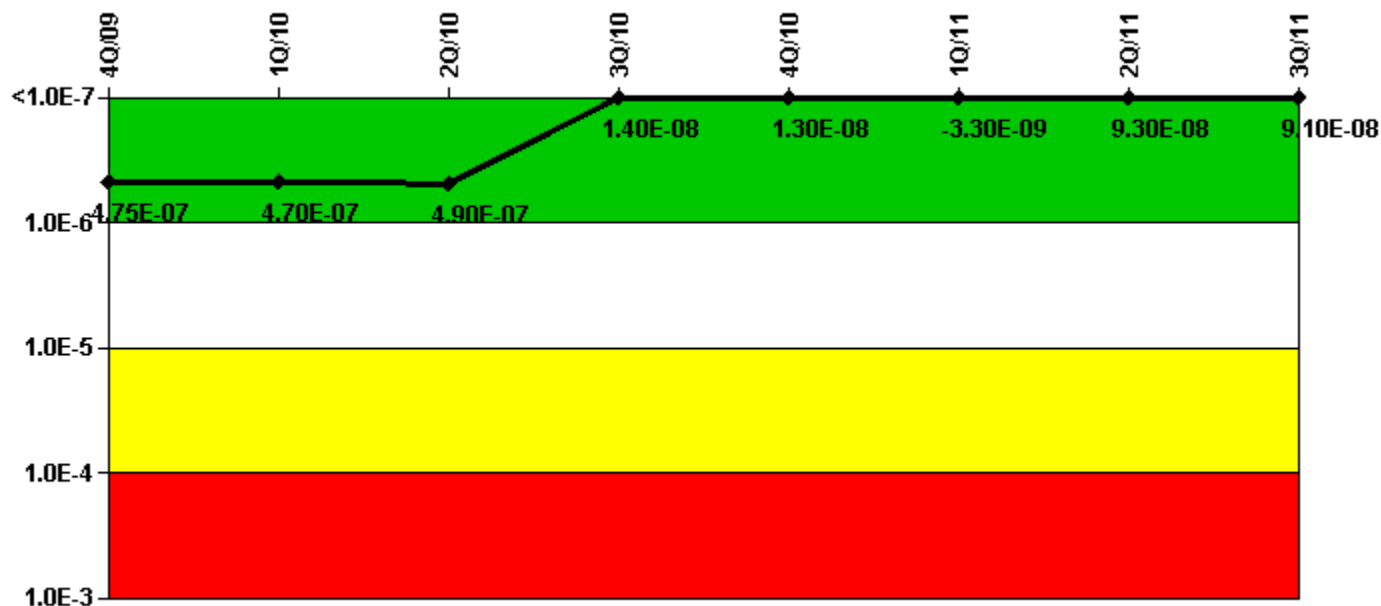
Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (Δ CDF)	5.60E-08	-1.18E-08	-1.18E-08	-1.19E-08	-1.22E-08	-1.22E-08	1.86E-09	1.52E-09
URI (Δ CDF)	9.10E-07	9.14E-07	9.14E-07	9.14E-07	3.11E-07	3.11E-07	3.45E-07	3.45E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	9.66E-07	9.00E-07	9.00E-07	9.00E-07	3.00E-07	3.00E-07	3.50E-07	3.50E-07

Licensee Comments:

3Q/11: Risk Cap Invoked.

Mitigating Systems Performance Index, Cooling Water Systems



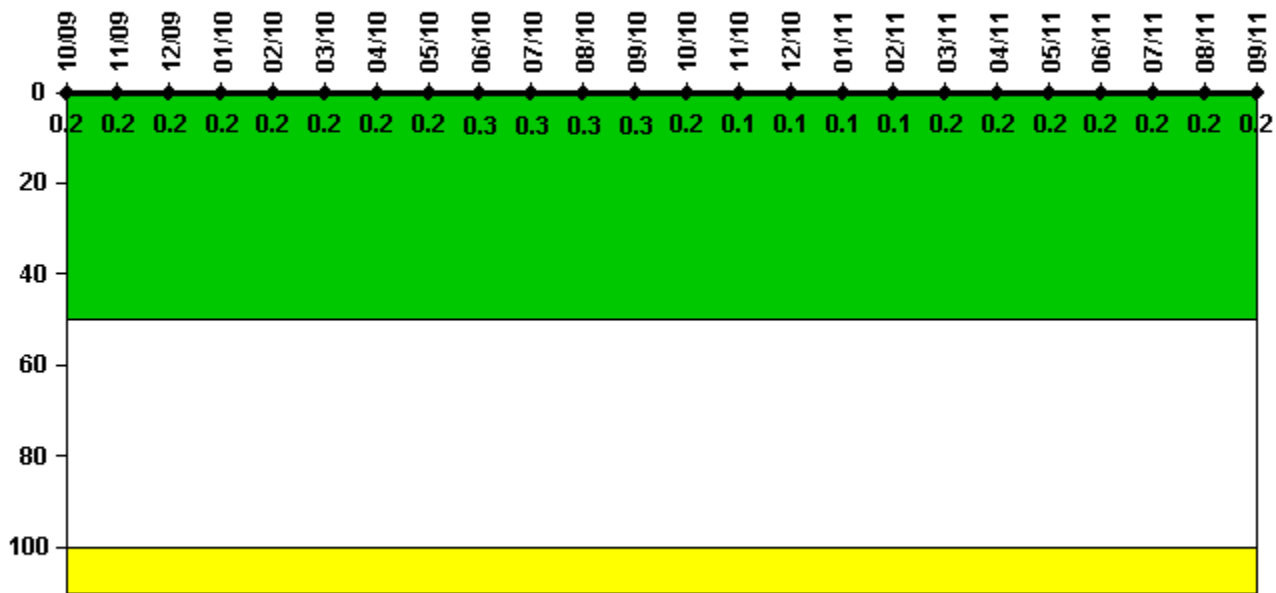
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (ΔCDF)	2.50E-08	1.96E-08	3.44E-08	1.03E-07	1.03E-07	8.86E-08	2.31E-08	2.08E-08
URI (ΔCDF)	4.50E-07	4.52E-07	4.54E-07	-8.89E-08	-9.05E-08	-9.19E-08	7.02E-08	7.02E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.75E-07	4.70E-07	4.90E-07	1.40E-08	1.30E-08	-3.30E-09	9.30E-08	9.10E-08

Licensee Comments: none

Reactor Coolant System Activity



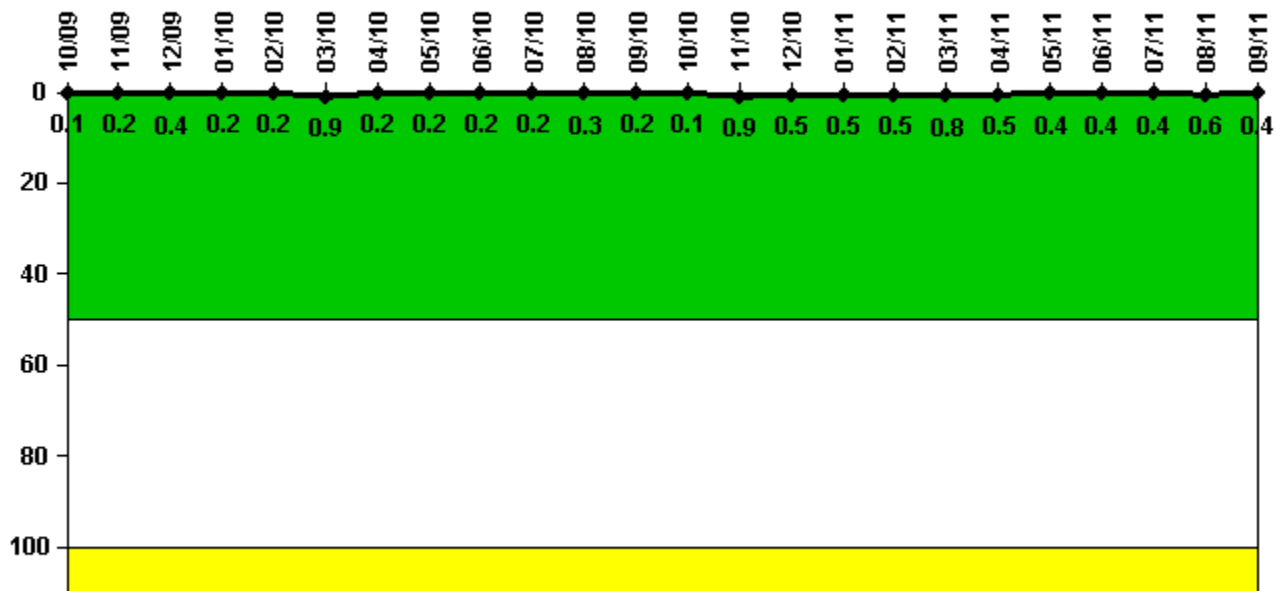
Thresholds: White > 50.0 Yellow > 100.0

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	0.000971	0.001050	0.001140	0.001050	0.001060	0.001070	0.001150	0.001190	0.001290	0.001260	0.001300	0.001400
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3
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	0.001110	0.000516	0.000664	0.000721	0.000749	0.000782	0.000847	0.000884	0.000975	0.000958	0.000981	0.001110
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.2	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2

Licensee Comments: none

Reactor Coolant System Leakage



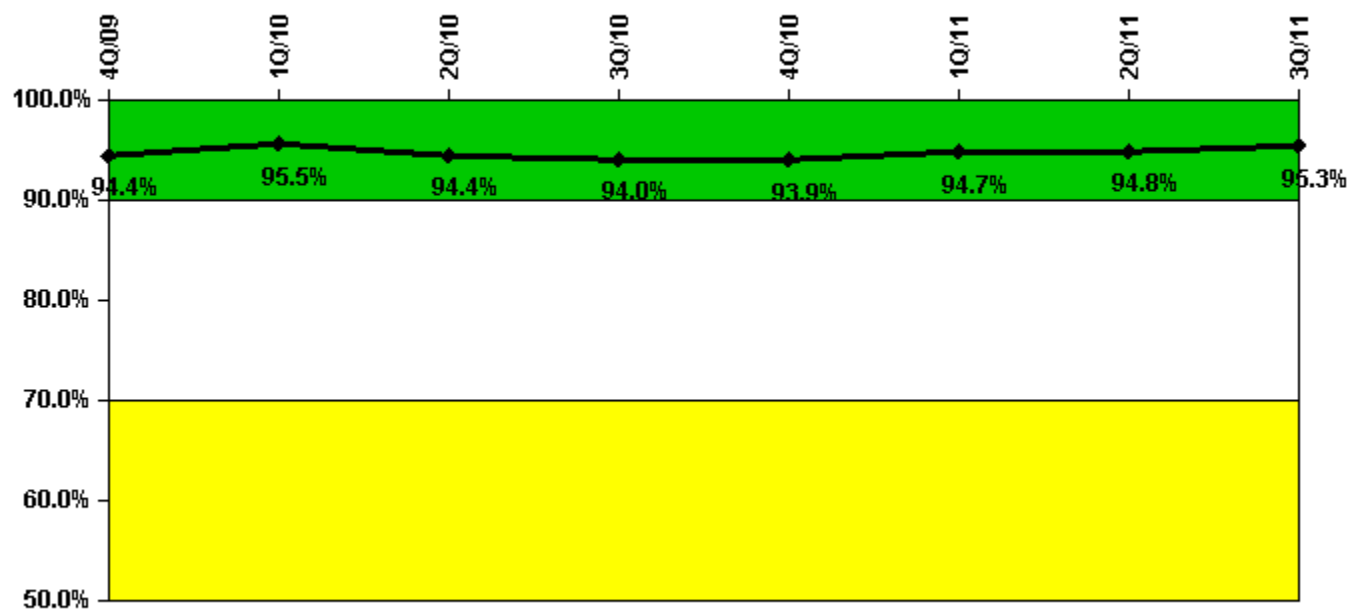
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	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	0.013	0.016	0.039	0.019	0.017	0.088	0.017	0.015	0.019	0.017	0.030	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	0.1	0.2	0.4	0.2	0.2	0.9	0.2	0.2	0.2	0.2	0.3	0.2
Reactor Coolant System Leakage	10/10	11/10	12/10	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11
Maximum leakage	0.010	0.093	0.049	0.054	0.051	0.076	0.048	0.042	0.040	0.036	0.059	0.035
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.9	0.5	0.5	0.5	0.8	0.5	0.4	0.4	0.4	0.6	0.4

Licensee Comments: none

Drill/Exercise Performance



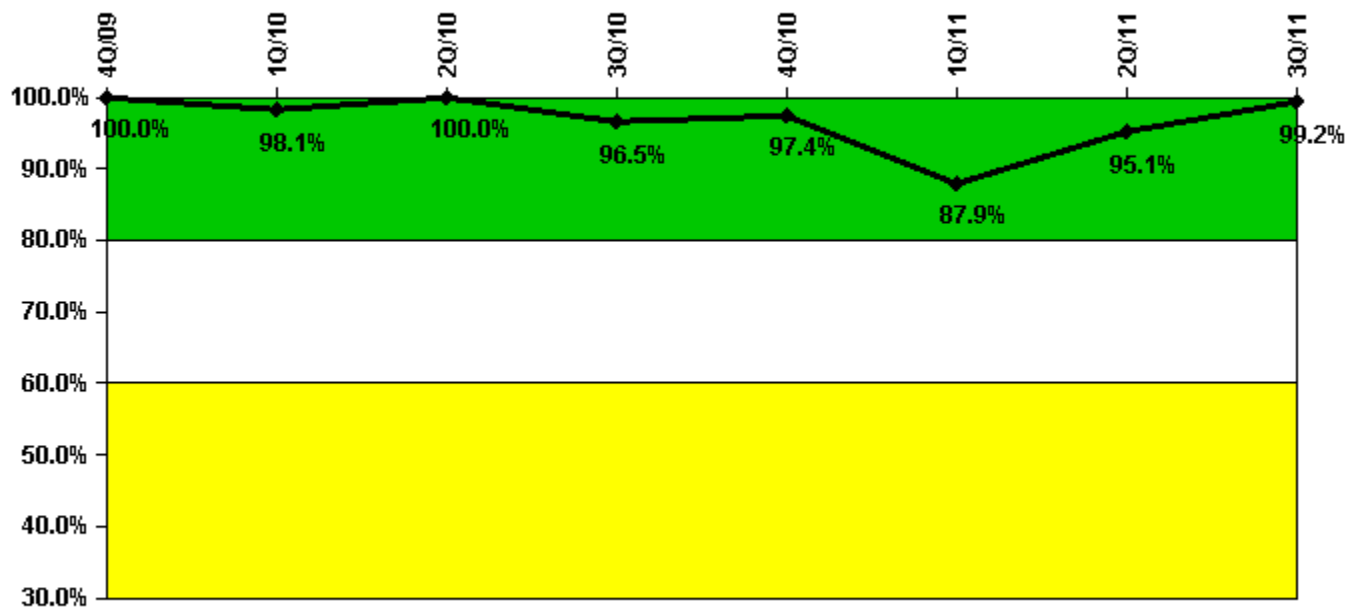
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Successful opportunities	30.0	21.0	20.0	14.0	11.0	31.0	59.0	55.0
Total opportunities	31.0	22.0	23.0	15.0	11.0	34.0	61.0	56.0
Indicator value	94.4%	95.5%	94.4%	94.0%	93.9%	94.7%	94.8%	95.3%

Licensee Comments: none

ERO Drill Participation



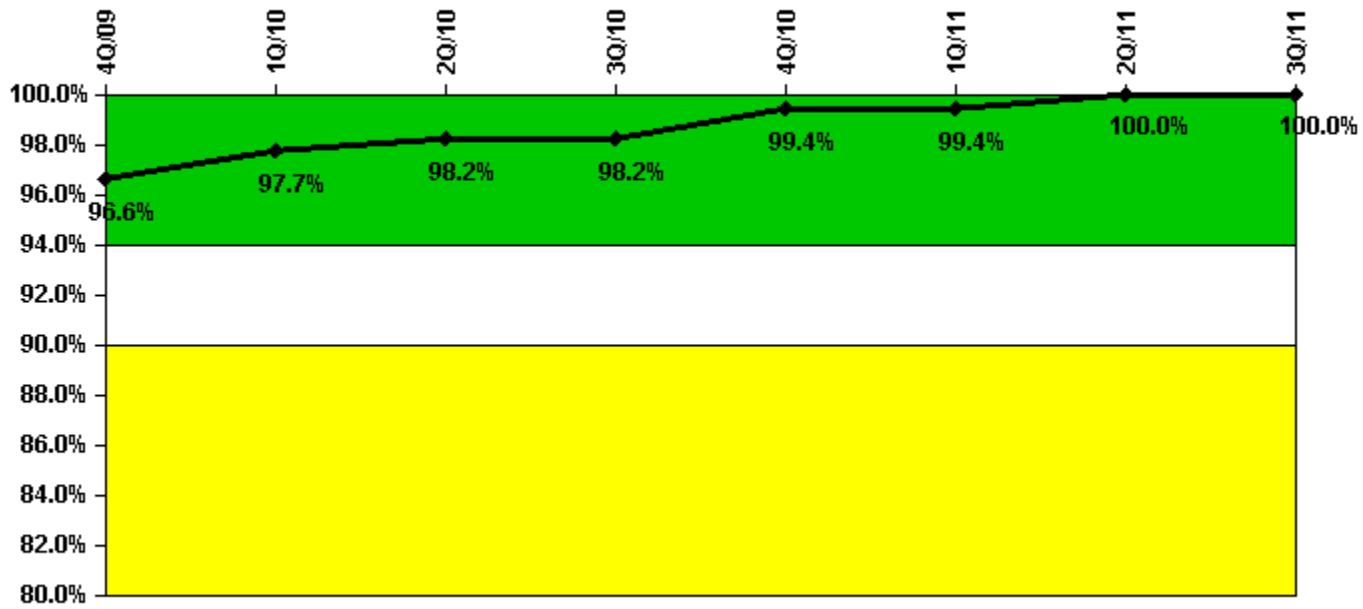
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Participating Key personnel	110.0	102.0	105.0	109.0	111.0	109.0	116.0	128.0
Total Key personnel	110.0	104.0	105.0	113.0	114.0	124.0	122.0	129.0
Indicator value	100.0%	98.1%	100.0%	96.5%	97.4%	87.9%	95.1%	99.2%

Licensee Comments: none

Alert & Notification System



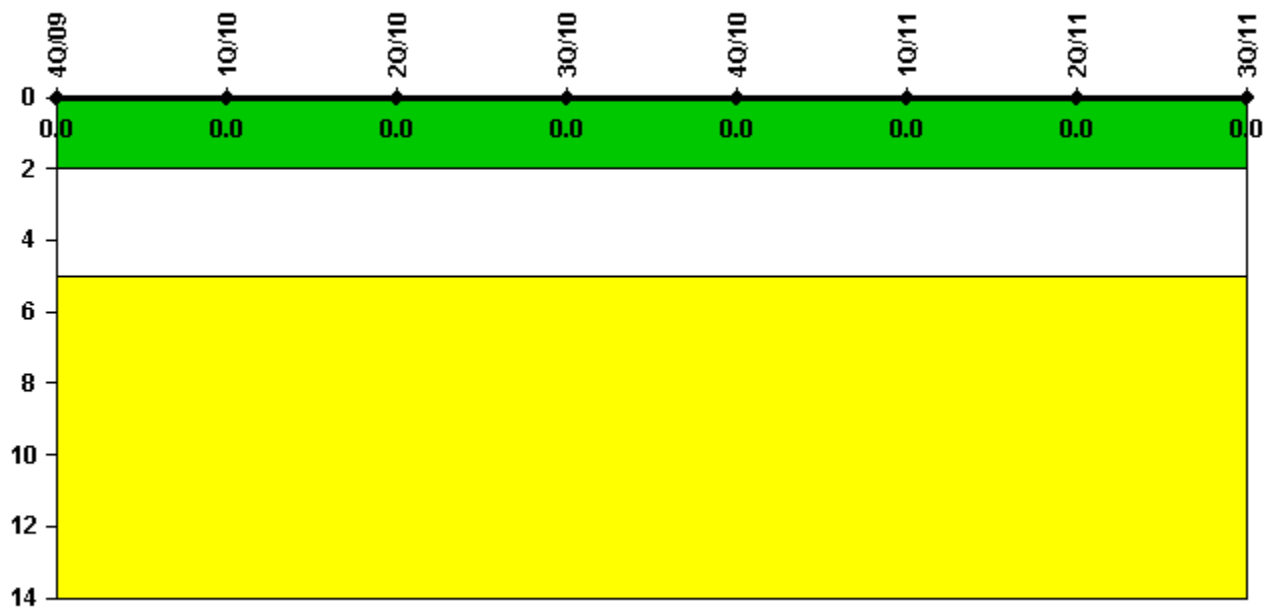
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Successful siren-tests	40	42	38	42	42	39	42	42
Total sirens-tests	42	42	39	42	42	39	42	42
Indicator value	96.6%	97.7%	98.2%	98.2%	99.4%	99.4%	100.0%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



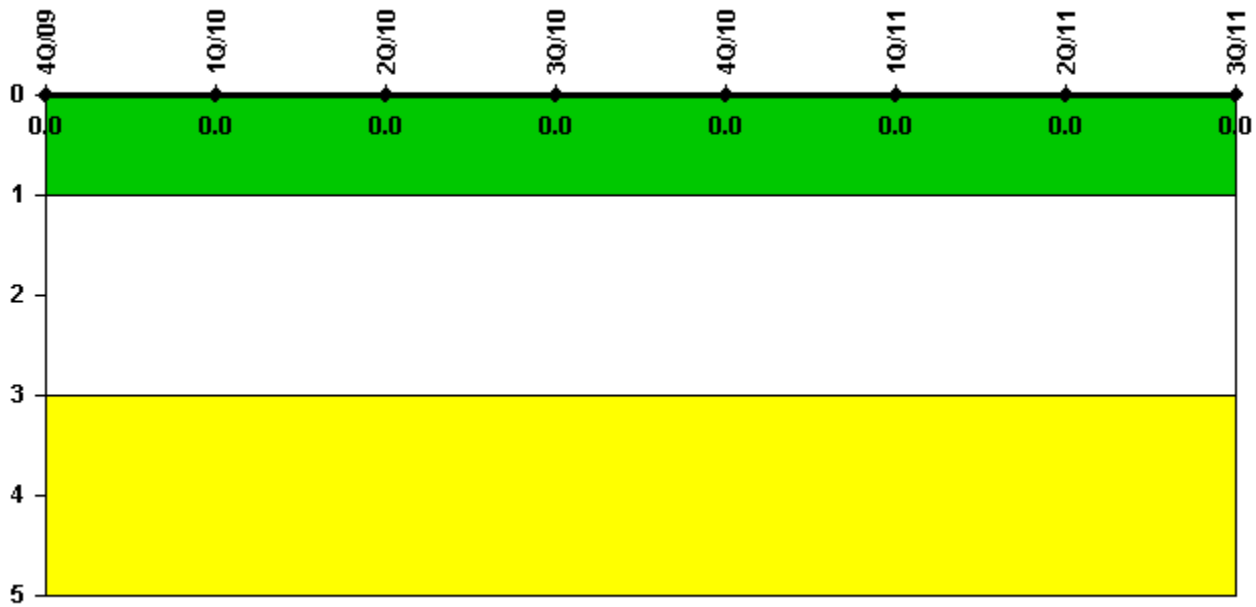
Thresholds: White > 2.0 Yellow > 5.0

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

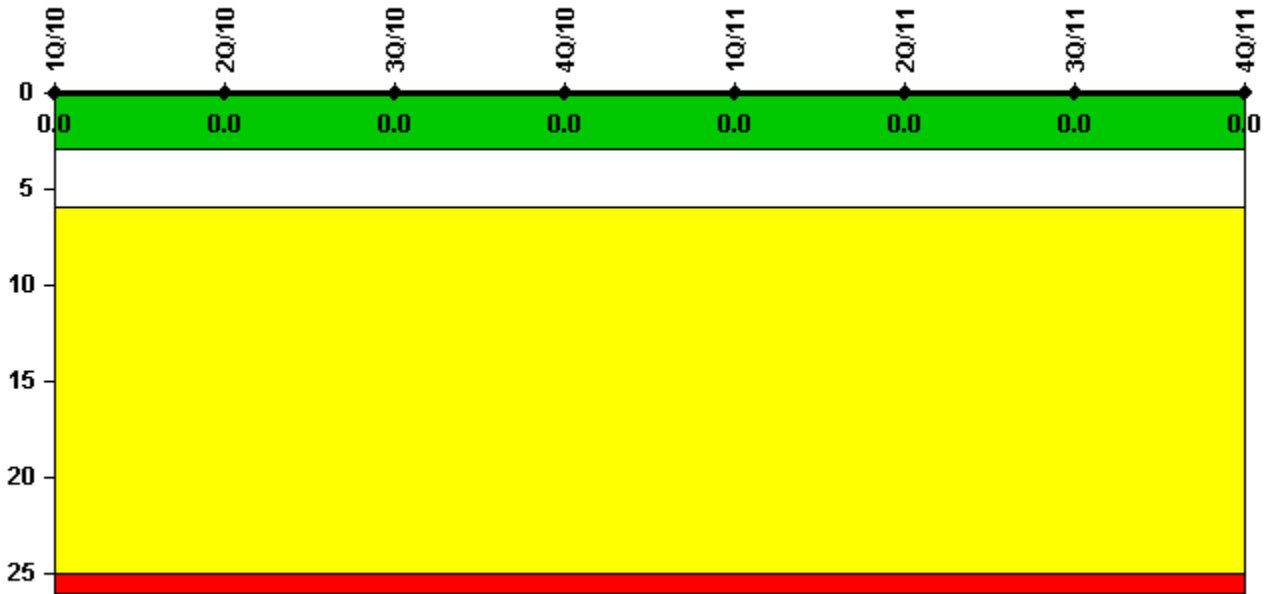
[Security](#) information not publicly available.

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4Q/2011 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



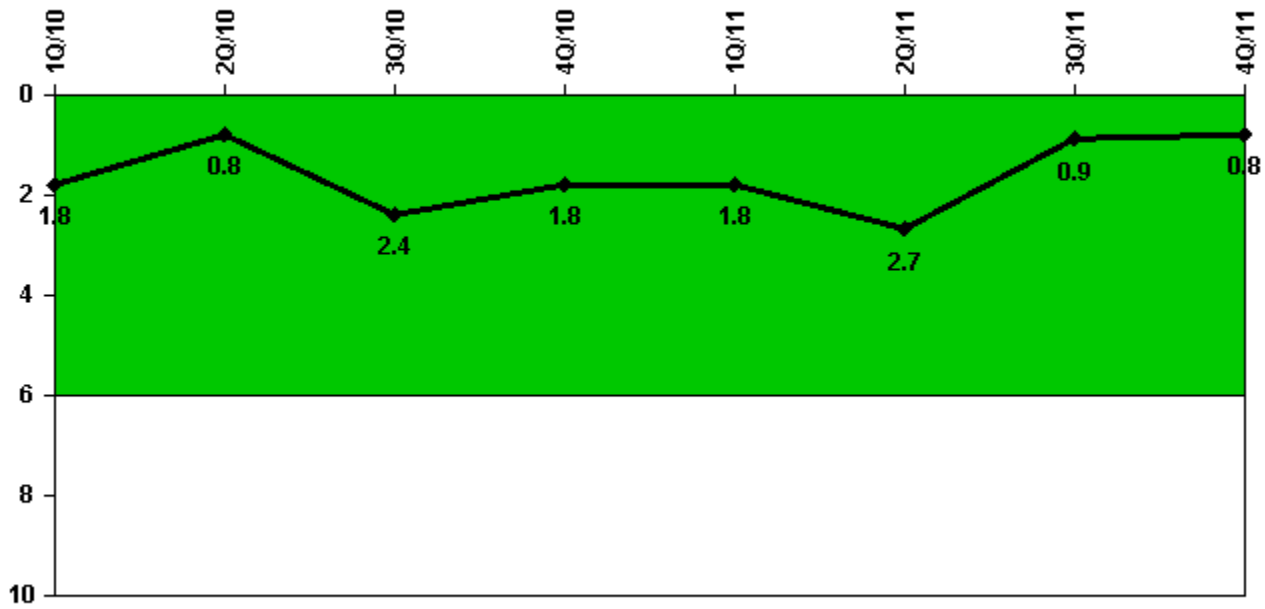
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1284.8	2159.0	2184.0	2208.0	2209.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



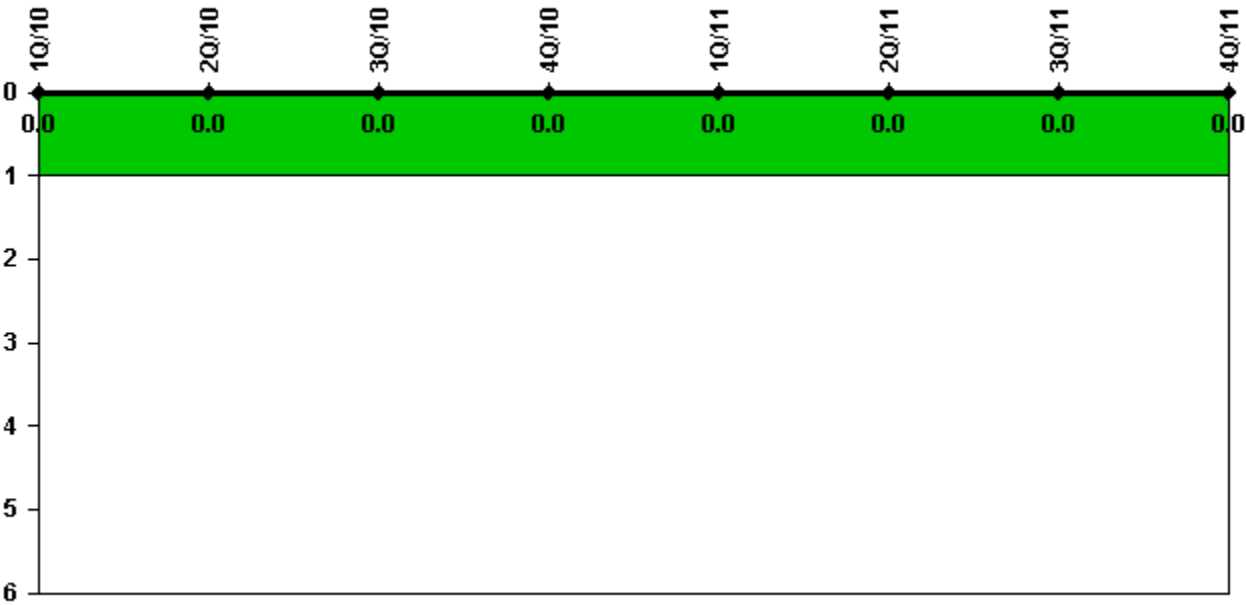
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Unplanned power changes	0	0	2.0	0	0	1.0	0	0
Critical hours	2159.0	2184.0	2208.0	1284.8	2159.0	2184.0	2208.0	2209.0
Indicator value	1.8	0.8	2.4	1.8	1.8	2.7	0.9	0.8

Licensee Comments: none

Unplanned Scrams with Complications



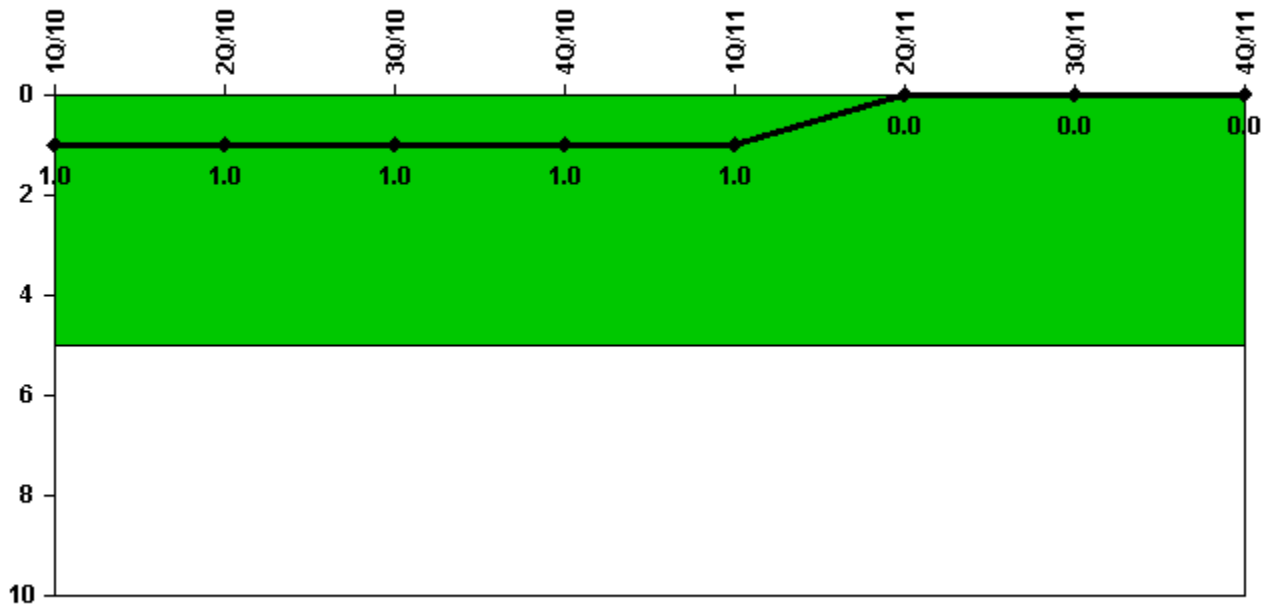
Thresholds: White > 1.0

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)



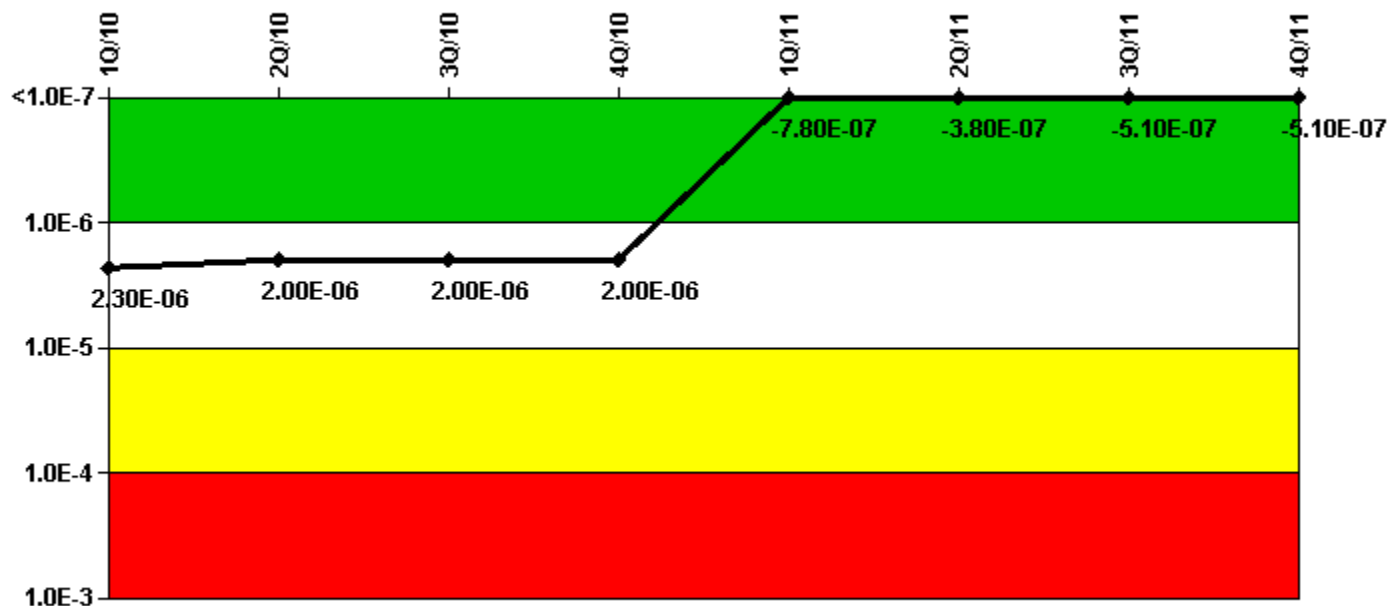
Thresholds: White > 5.0

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



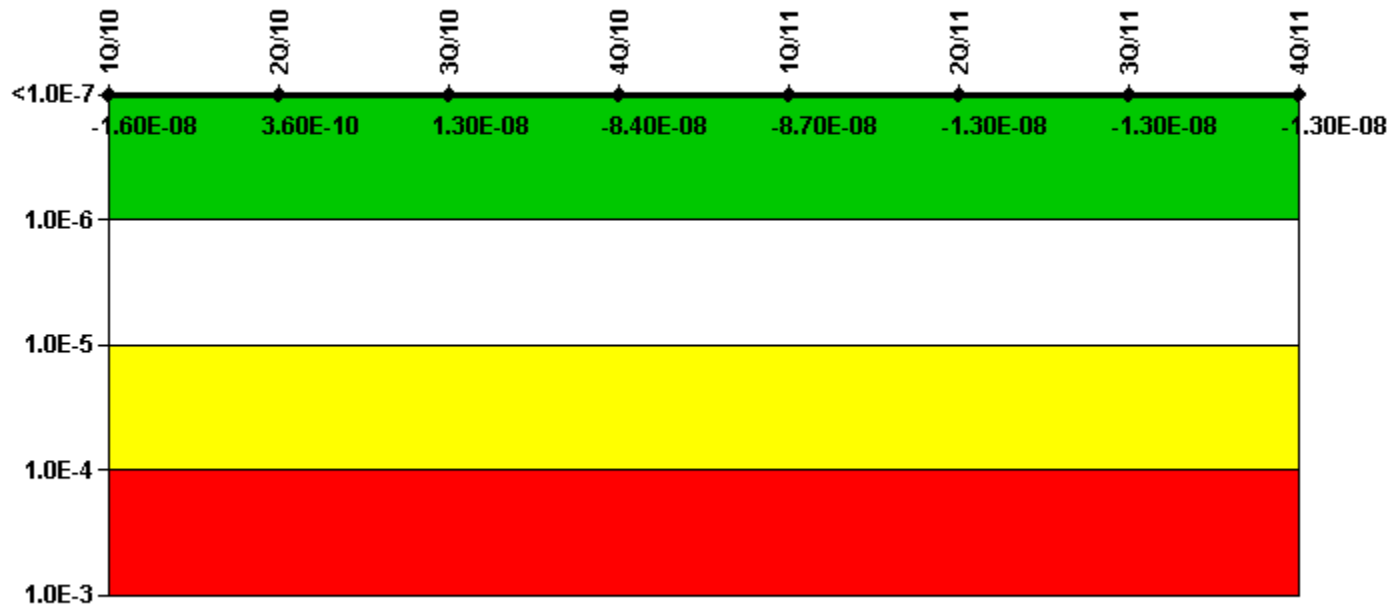
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (Δ CDF)	3.55E-07	3.69E-07	3.32E-07	3.27E-07	1.60E-07	1.16E-07	-2.66E-08	-2.66E-08
URI (Δ CDF)	1.98E-06	1.64E-06	1.64E-06	1.64E-06	-9.40E-07	-4.93E-07	-4.88E-07	-4.88E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.30E-06	2.00E-06	2.00E-06	2.00E-06	-7.80E-07	-3.80E-07	-5.10E-07	-5.10E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



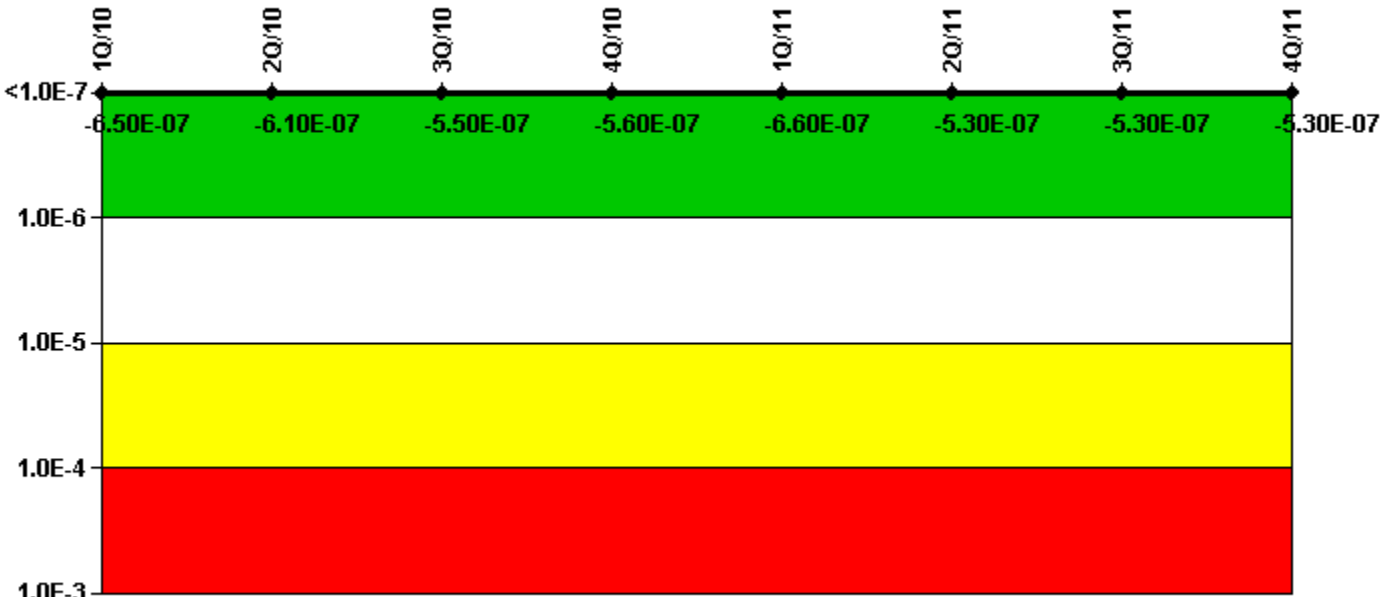
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (Δ CDF)	-7.53E-08	-5.88E-08	-4.65E-08	-3.24E-08	-3.52E-08	-8.61E-11	-4.90E-11	-3.26E-11
URI (Δ CDF)	5.91E-08	5.92E-08	5.93E-08	-5.17E-08	-5.17E-08	-1.26E-08	-1.26E-08	-1.26E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.60E-08	3.60E-10	1.30E-08	-8.40E-08	-8.70E-08	-1.30E-08	-1.30E-08	-1.30E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



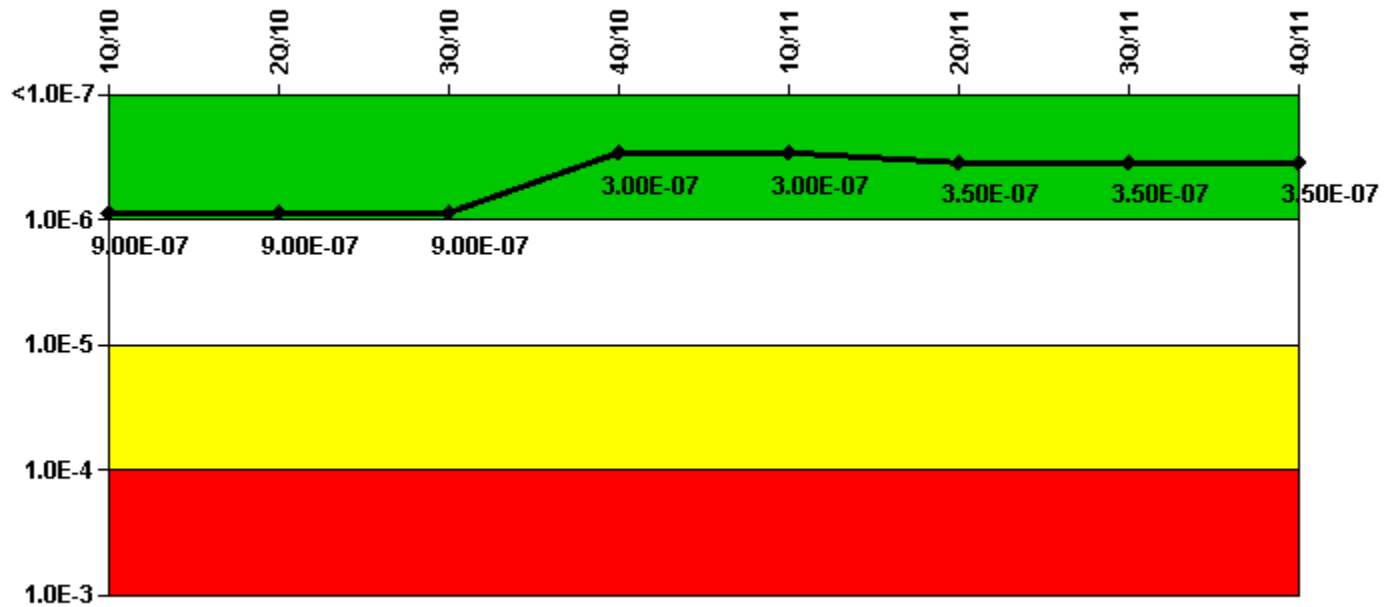
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (ΔCDF)	-1.43E-07	-1.01E-07	-4.99E-08	-5.14E-08	-1.52E-07	-1.14E-07	-1.13E-07	-1.19E-07
URI (ΔCDF)	-5.04E-07	-5.04E-07	-5.04E-07	-5.04E-07	-5.04E-07	-4.16E-07	-4.16E-07	-4.12E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.50E-07	-6.10E-07	-5.50E-07	-5.60E-07	-6.60E-07	-5.30E-07	-5.30E-07	-5.30E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



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

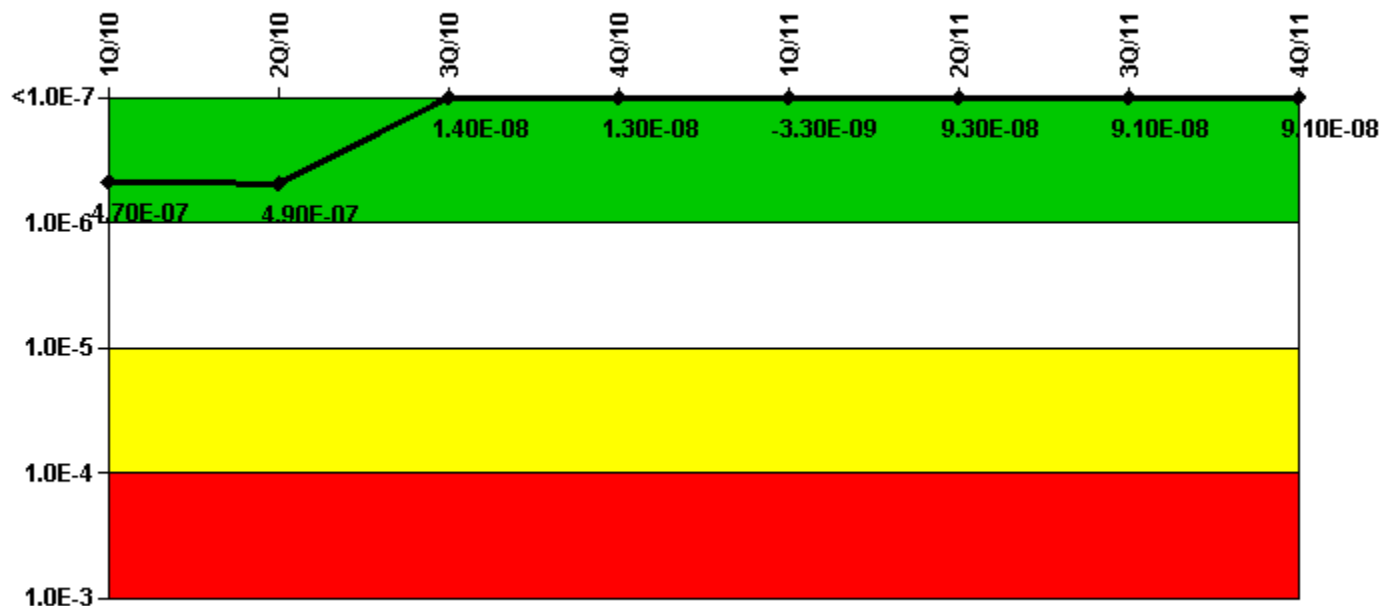
Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (Δ CDF)	-1.18E-08	-1.18E-08	-1.19E-08	-1.22E-08	-1.22E-08	1.86E-09	1.52E-09	1.47E-09
URI (Δ CDF)	9.14E-07	9.14E-07	9.14E-07	3.11E-07	3.11E-07	3.45E-07	3.45E-07	3.45E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	9.00E-07	9.00E-07	9.00E-07	3.00E-07	3.00E-07	3.50E-07	3.50E-07	3.50E-07

Licensee Comments:

4Q/11: Risk Cap Invoked.

Mitigating Systems Performance Index, Cooling Water Systems



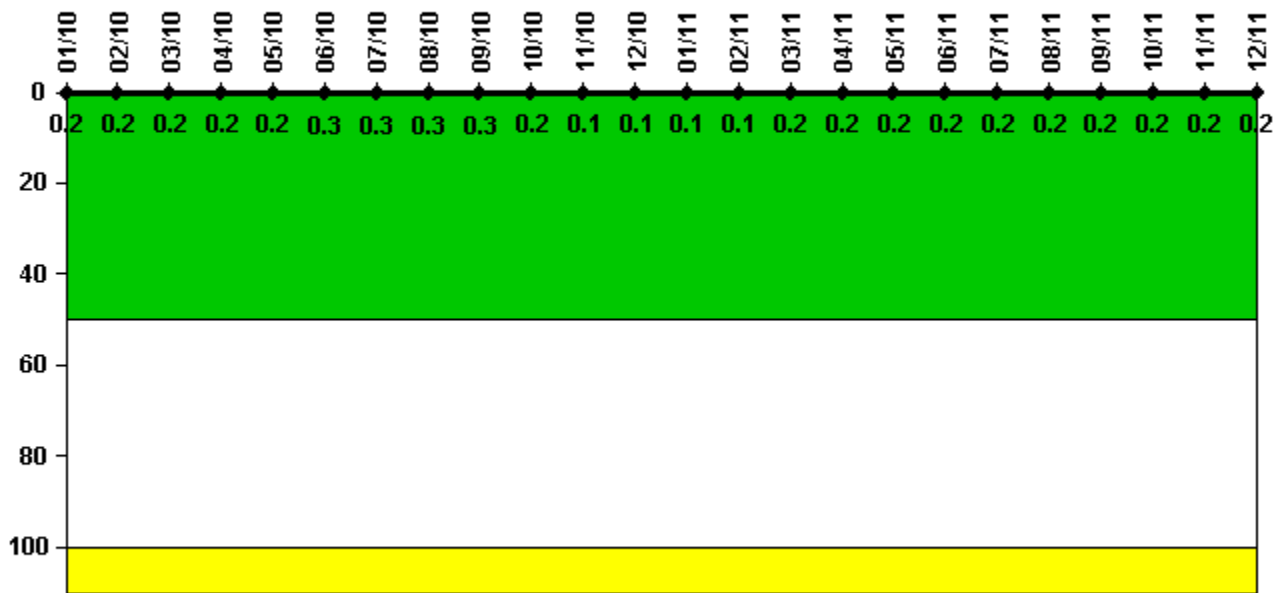
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (ΔCDF)	1.96E-08	3.44E-08	1.03E-07	1.03E-07	8.86E-08	2.31E-08	2.08E-08	2.11E-08
URI (ΔCDF)	4.52E-07	4.54E-07	-8.89E-08	-9.05E-08	-9.19E-08	7.02E-08	7.02E-08	7.02E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.70E-07	4.90E-07	1.40E-08	1.30E-08	-3.30E-09	9.30E-08	9.10E-08	9.10E-08

Licensee Comments: none

Reactor Coolant System Activity



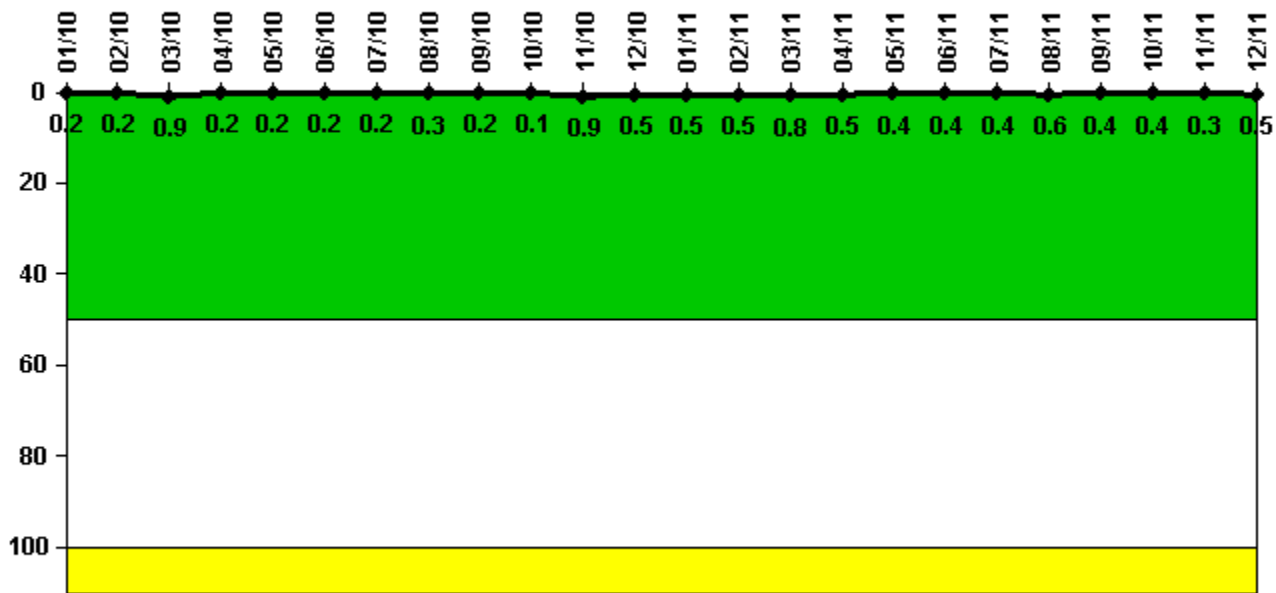
Thresholds: White > 50.0 Yellow > 100.0

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	0.001050	0.001060	0.001070	0.001150	0.001190	0.001290	0.001260	0.001300	0.001400	0.001110	0.000516	0.000664
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.1	0.1
Reactor Coolant System Activity	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11
Maximum activity	0.000721	0.000749	0.000782	0.000847	0.000884	0.000975	0.000958	0.000981	0.001110	0.001040	0.001150	0.001180
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

Licensee Comments: none

Reactor Coolant System Leakage



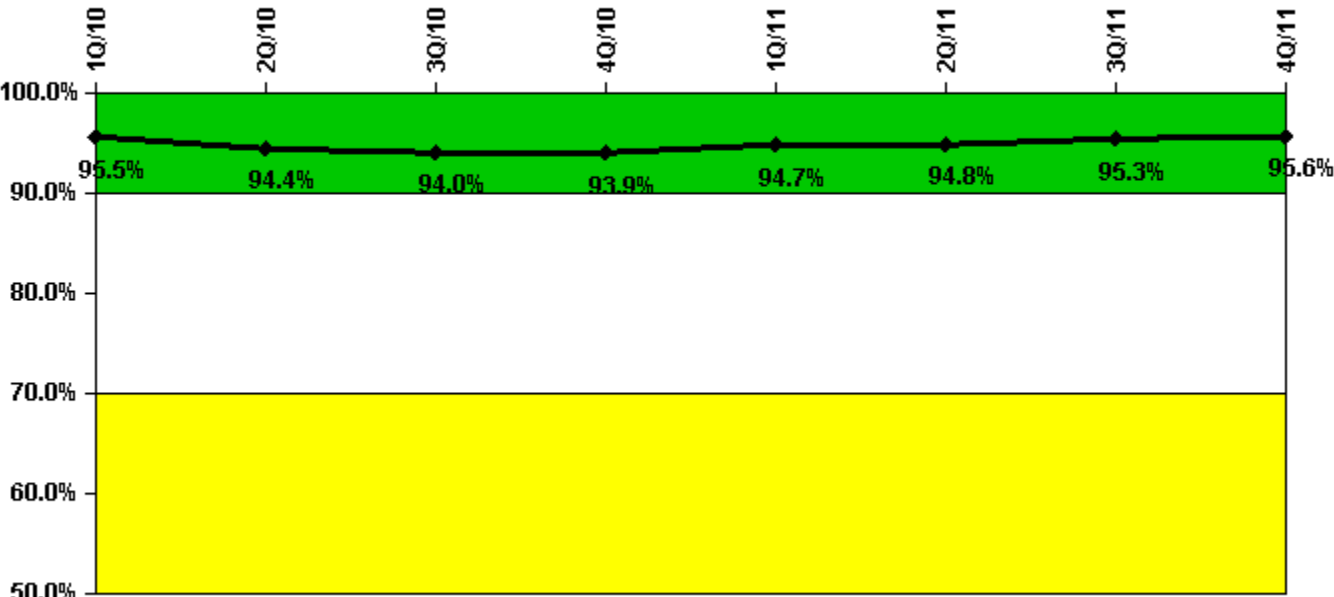
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10
Maximum leakage	0.019	0.017	0.088	0.017	0.015	0.019	0.017	0.030	0.015	0.010	0.093	0.049
Technical specification limit	10.0	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	0.9	0.2	0.2	0.2	0.2	0.3	0.2	0.1	0.9	0.5
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	0.054	0.051	0.076	0.048	0.042	0.040	0.036	0.059	0.035	0.041	0.031	0.052
Technical specification limit	10.0	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	0.8	0.5	0.4	0.4	0.4	0.6	0.4	0.4	0.3	0.5

Licensee Comments: none

Drill/Exercise Performance



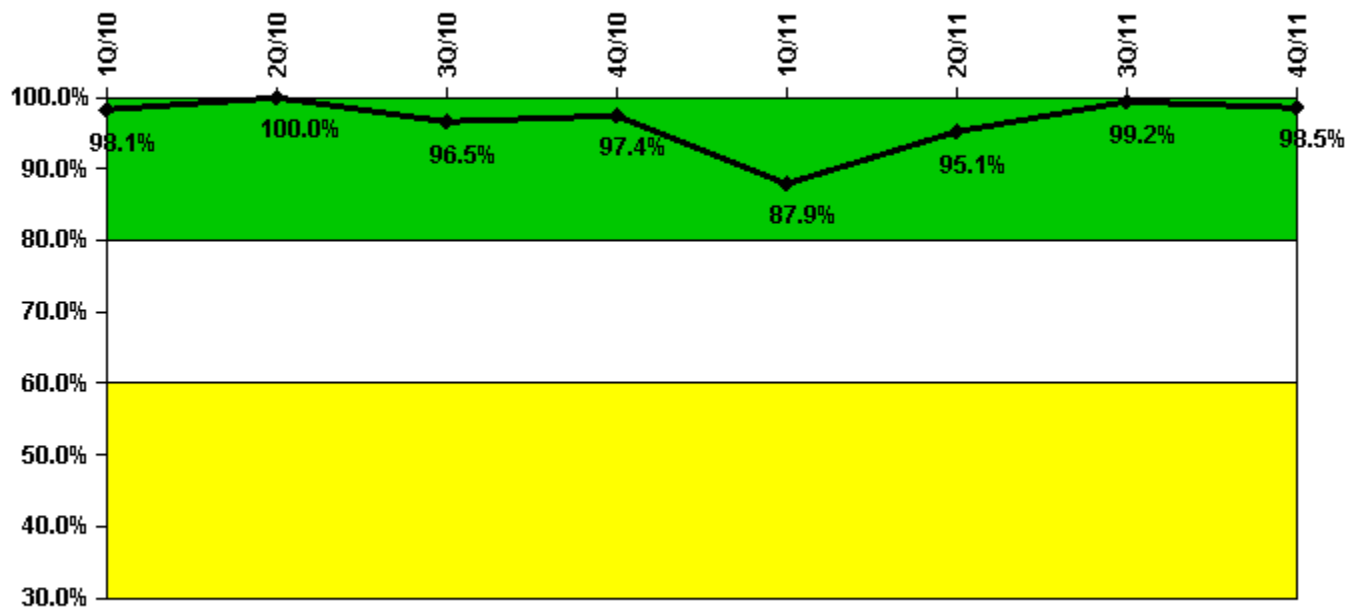
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Successful opportunities	21.0	20.0	14.0	11.0	31.0	59.0	55.0	28.0
Total opportunities	22.0	23.0	15.0	11.0	34.0	61.0	56.0	28.0
Indicator value	95.5%	94.4%	94.0%	93.9%	94.7%	94.8%	95.3%	95.6%

Licensee Comments: none

ERO Drill Participation



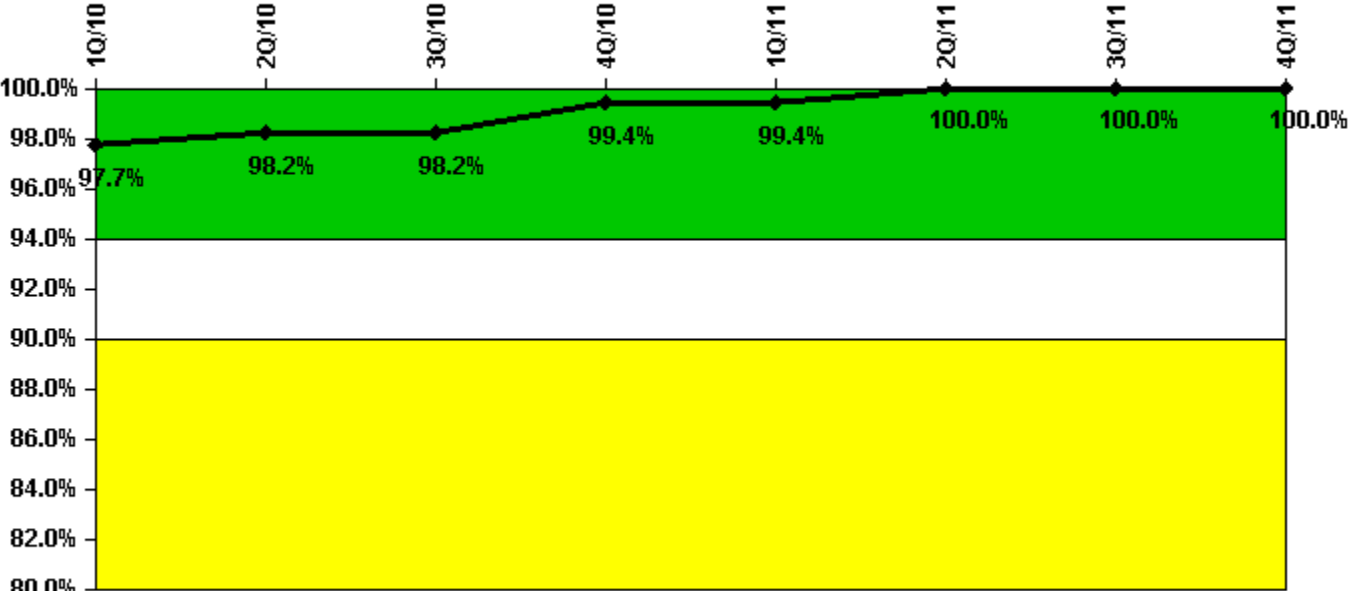
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Participating Key personnel	102.0	105.0	109.0	111.0	109.0	116.0	128.0	134.0
Total Key personnel	104.0	105.0	113.0	114.0	124.0	122.0	129.0	136.0
Indicator value	98.1%	100.0%	96.5%	97.4%	87.9%	95.1%	99.2%	98.5%

Licensee Comments: none

Alert & Notification System



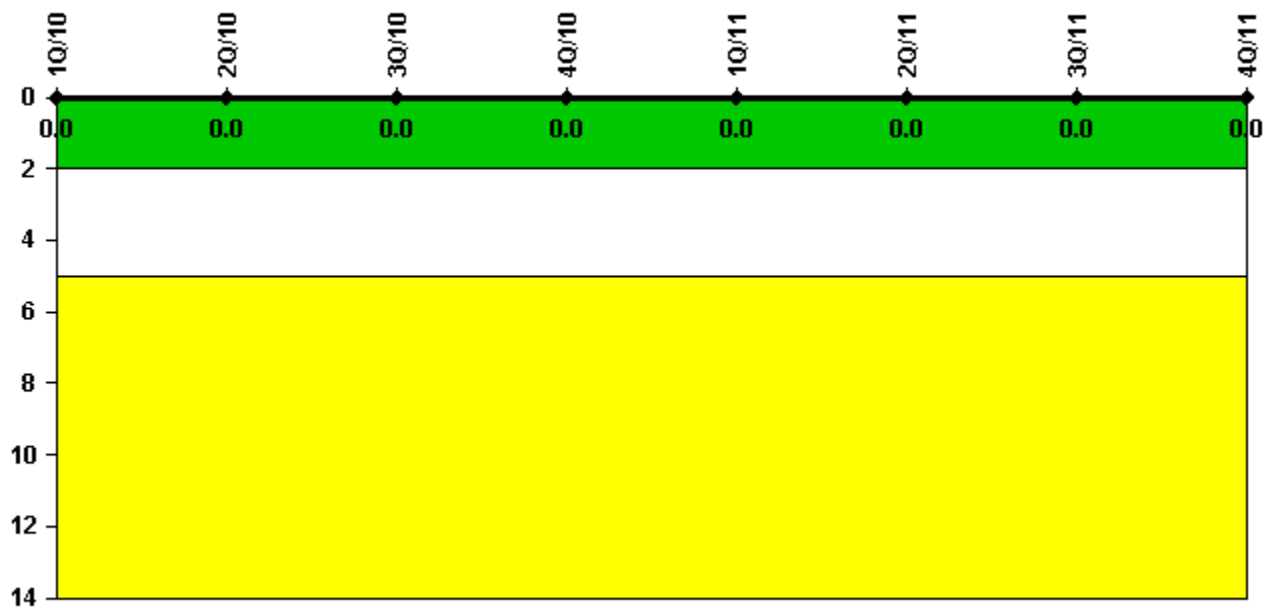
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Successful siren-tests	42	38	42	42	39	42	42	42
Total sirens-tests	42	39	42	42	39	42	42	42
Indicator value	97.7%	98.2%	98.2%	99.4%	99.4%	100.0%	100.0%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



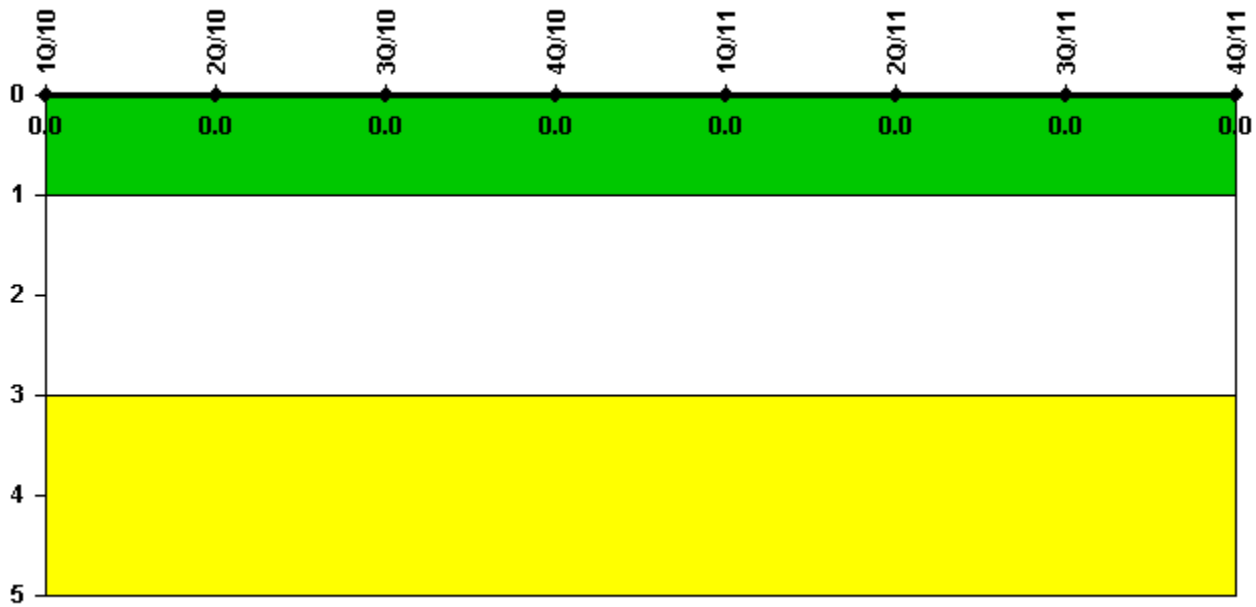
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/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.

Farley 1

1Q/2012 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



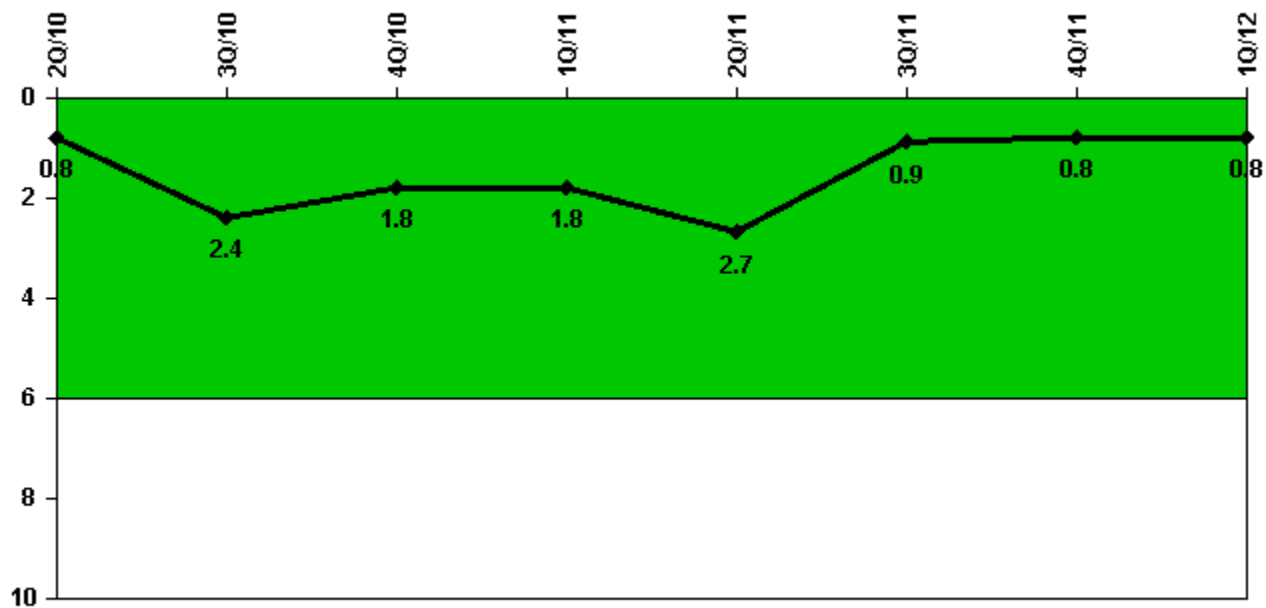
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2184.0	2208.0	1284.8	2159.0	2184.0	2208.0	2209.0	2093.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

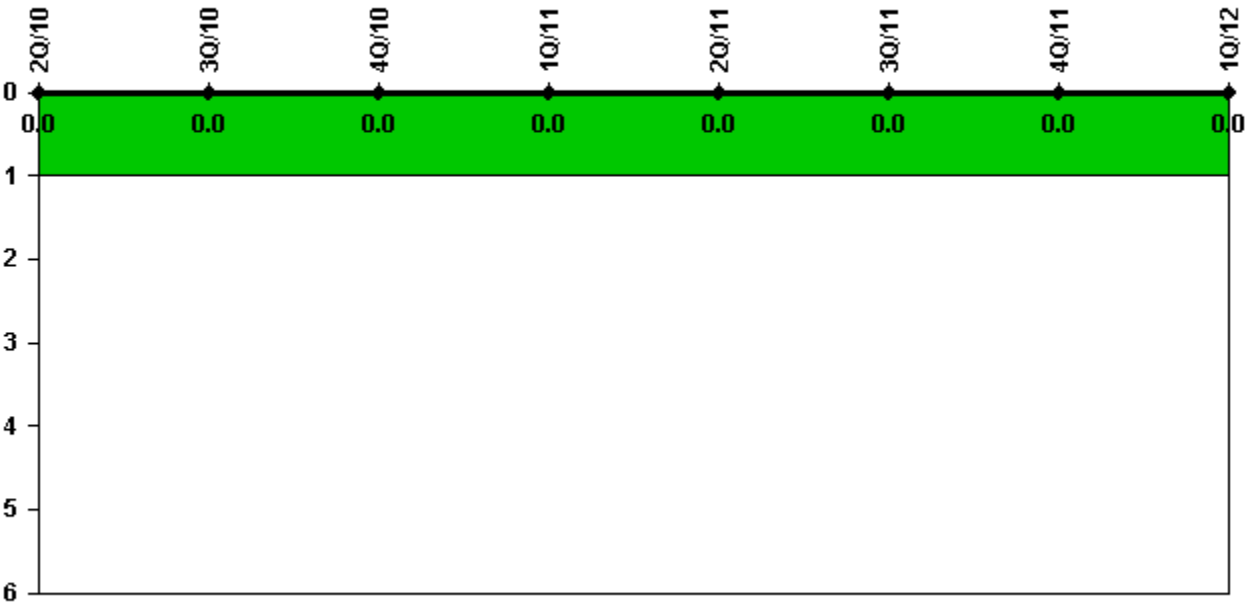
Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Unplanned power changes	0	2.0	0	0	1.0	0	0	0
Critical hours	2184.0	2208.0	1284.8	2159.0	2184.0	2208.0	2209.0	2093.0
Indicator value	0.8	2.4	1.8	1.8	2.7	0.9	0.8	0.8

Licensee Comments:

3Q/10: On 8/15/2010 at 04:00 AM, a Notice of Enforcement Discretion (NOED) went into effect for Unit 1 to allow discretion to not enforce TS 3.6.5 Required Action A.1 for containment temperature exceeding 120. (NOED NO. 10-2-004)

Unplanned Scrams with Complications



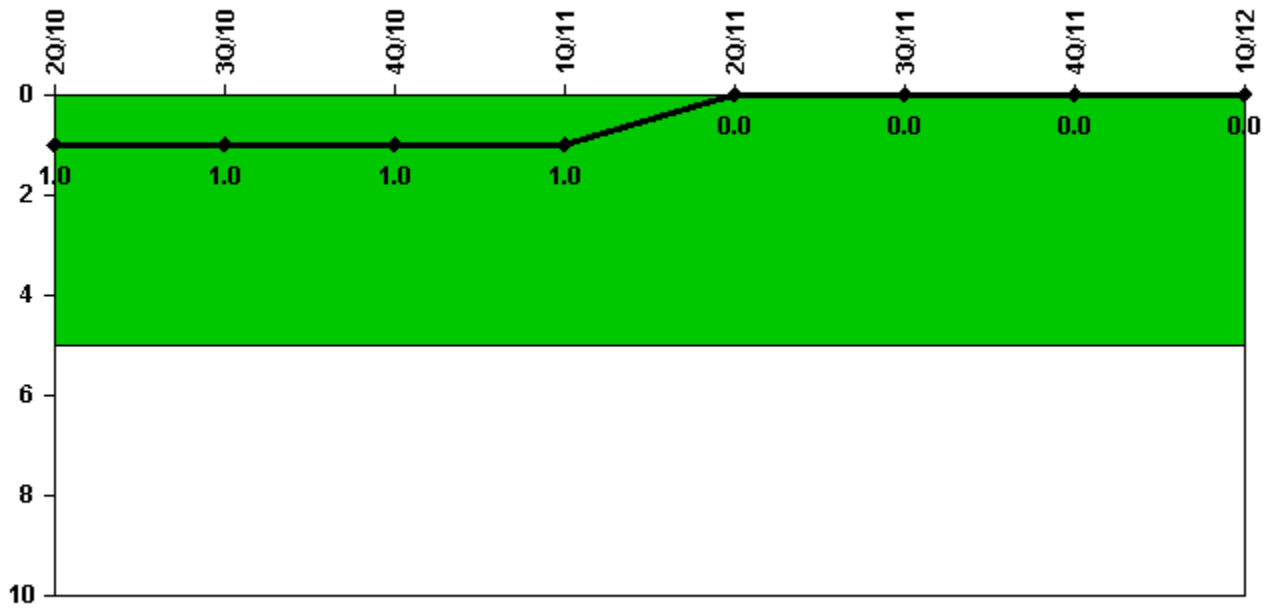
Thresholds: White > 1.0

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

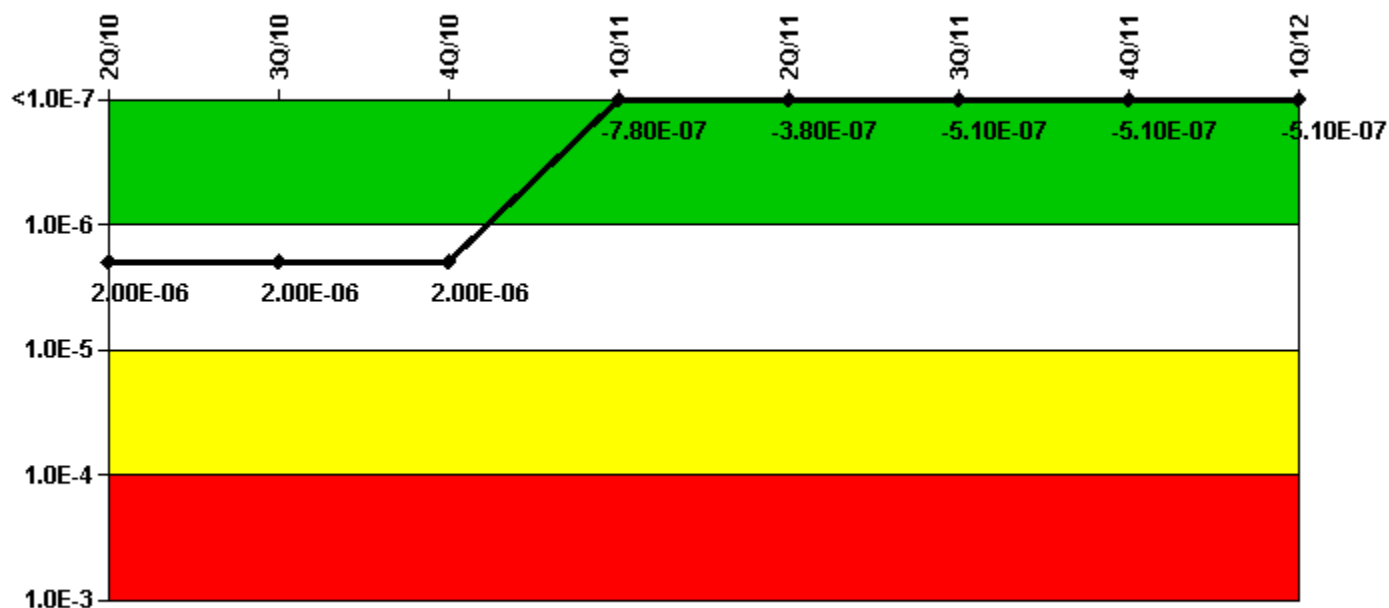
Notes

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

Licensee Comments:

2Q/10: Unit 1 LER 2010-002-00

Mitigating Systems Performance Index, Emergency AC Power System



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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (ΔCDF)	3.69E-07	3.32E-07	3.27E-07	1.60E-07	1.16E-07	-2.66E-08	-2.66E-08	-2.68E-08
URI (ΔCDF)	1.64E-06	1.64E-06	1.64E-06	-9.40E-07	-4.93E-07	-4.88E-07	-4.88E-07	-4.87E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.00E-06	2.00E-06	2.00E-06	-7.80E-07	-3.80E-07	-5.10E-07	-5.10E-07	-5.10E-07

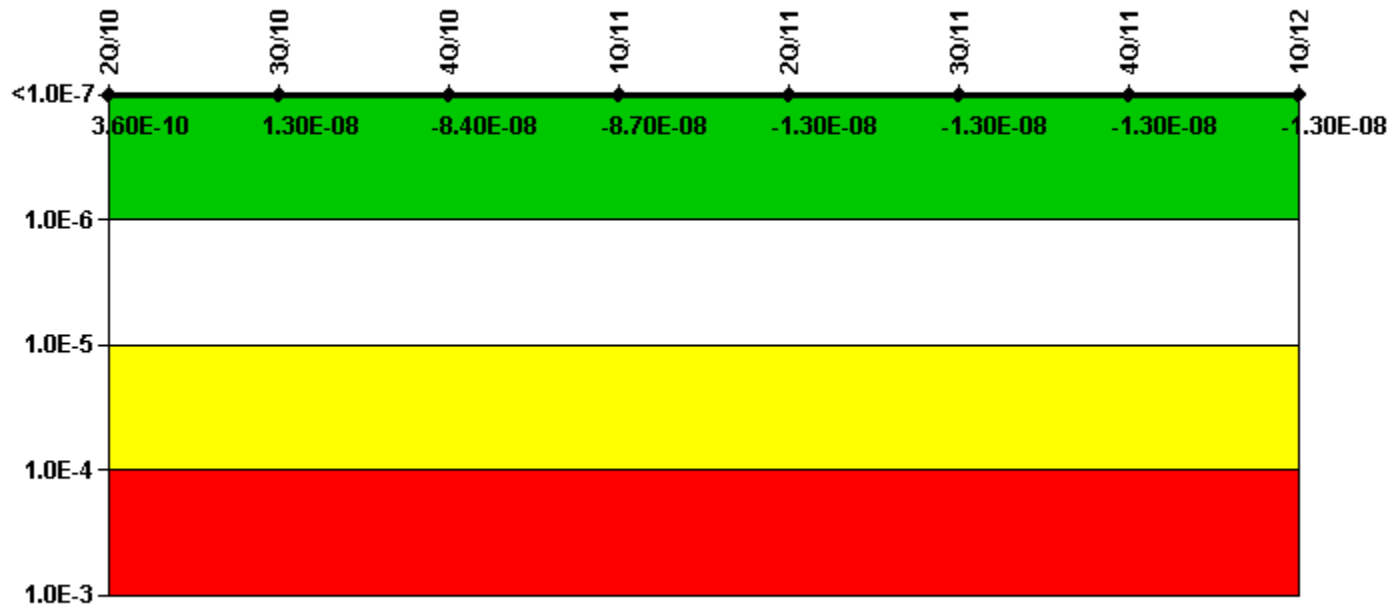
Licensee Comments:

4Q/10: Risk Cap Invoked.

3Q/10: Risk Cap Invoked.

2Q/10: Risk Cap Invoked.

Mitigating Systems Performance Index, High Pressure Injection System



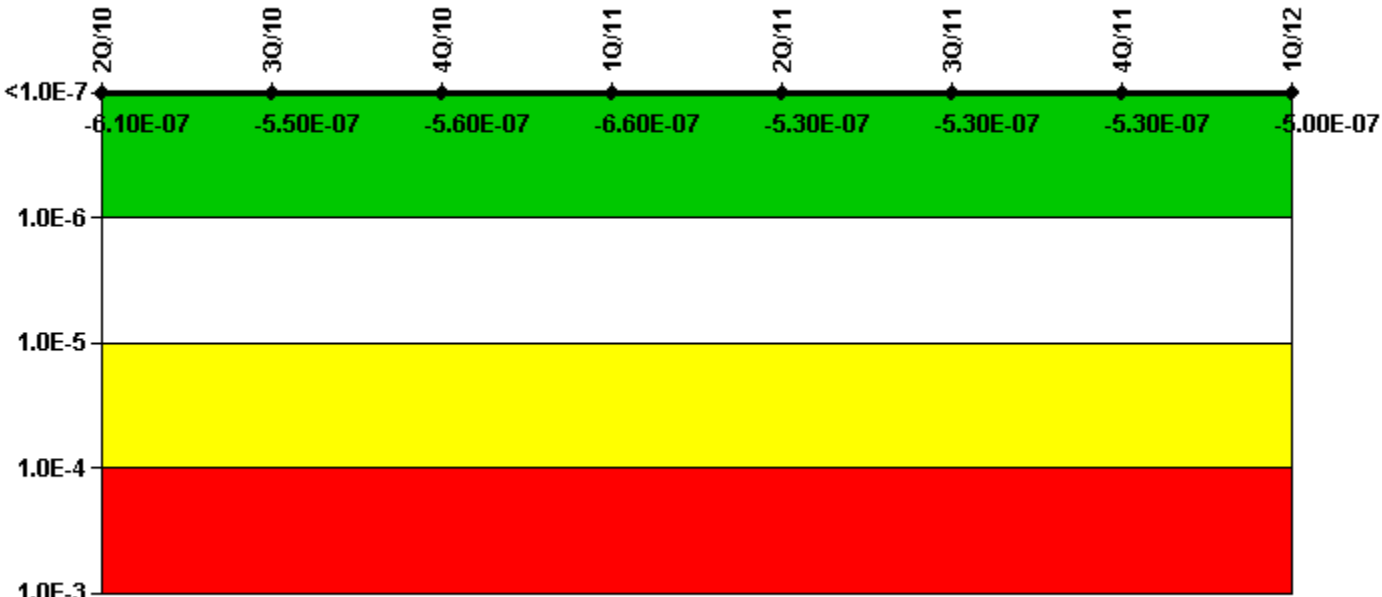
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	-5.88E-08	-4.65E-08	-3.24E-08	-3.52E-08	-8.61E-11	-4.90E-11	-3.26E-11	1.93E-11
URI (Δ CDF)	5.92E-08	5.93E-08	-5.17E-08	-5.17E-08	-1.26E-08	-1.26E-08	-1.26E-08	-1.26E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.60E-10	1.30E-08	-8.40E-08	-8.70E-08	-1.30E-08	-1.30E-08	-1.30E-08	-1.30E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



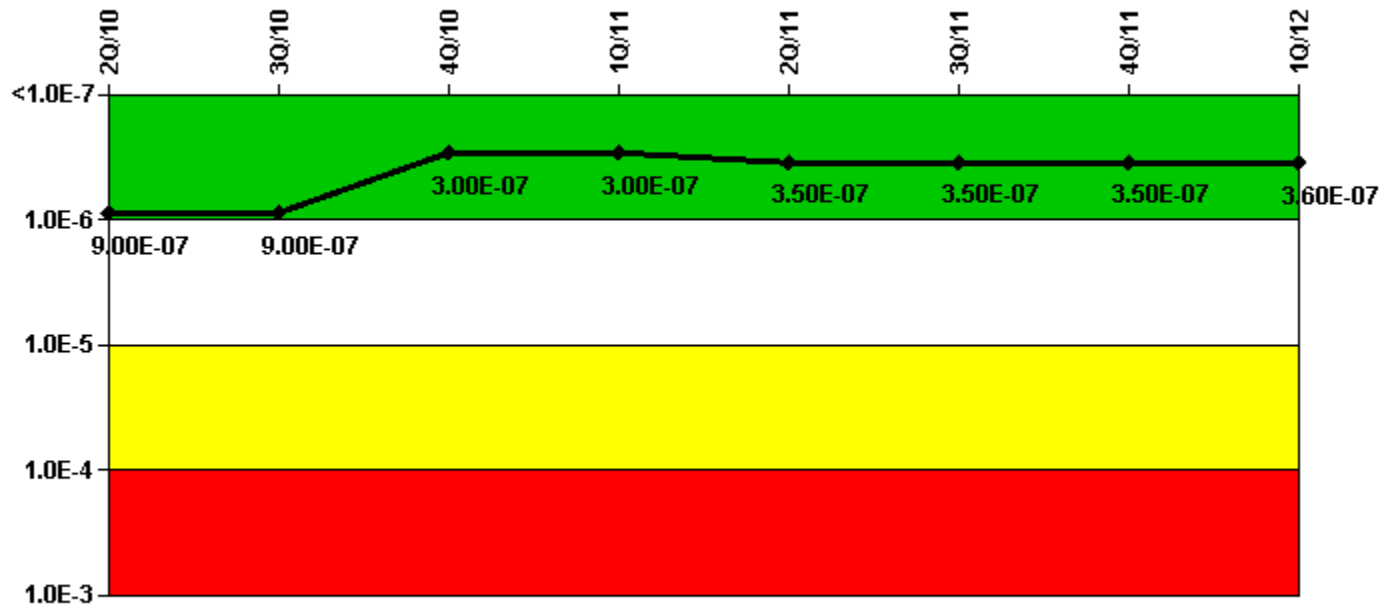
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (ΔCDF)	-1.01E-07	-4.99E-08	-5.14E-08	-1.52E-07	-1.14E-07	-1.13E-07	-1.19E-07	-9.03E-08
URI (ΔCDF)	-5.04E-07	-5.04E-07	-5.04E-07	-5.04E-07	-4.16E-07	-4.16E-07	-4.12E-07	-4.12E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.10E-07	-5.50E-07	-5.60E-07	-6.60E-07	-5.30E-07	-5.30E-07	-5.30E-07	-5.00E-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/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (ΔCDF)	-1.18E-08	-1.19E-08	-1.22E-08	-1.22E-08	1.86E-09	1.52E-09	1.47E-09	1.45E-08
URI (ΔCDF)	9.14E-07	9.14E-07	3.11E-07	3.11E-07	3.45E-07	3.45E-07	3.45E-07	3.45E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	9.00E-07	9.00E-07	3.00E-07	3.00E-07	3.50E-07	3.50E-07	3.50E-07	3.60E-07

Licensee Comments:

1Q/12: Risk Cap Invoked.

4Q/11: Risk Cap Invoked.

3Q/11: Risk Cap Invoked.

2Q/11: Risk Cap Invoked.

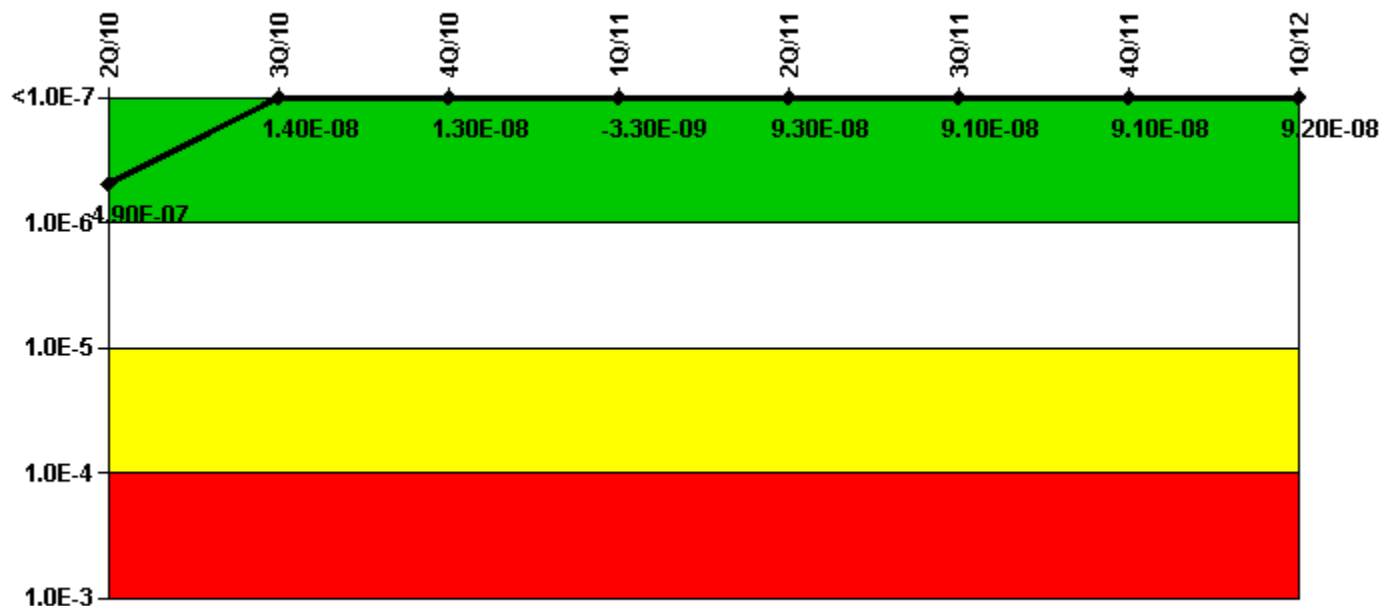
1Q/11: Risk Cap Invoked.

4Q/10: Risk Cap Invoked.

3Q/10: Risk Cap Invoked.

2Q/10: Risk Cap Invoked.

Mitigating Systems Performance Index, Cooling Water Systems



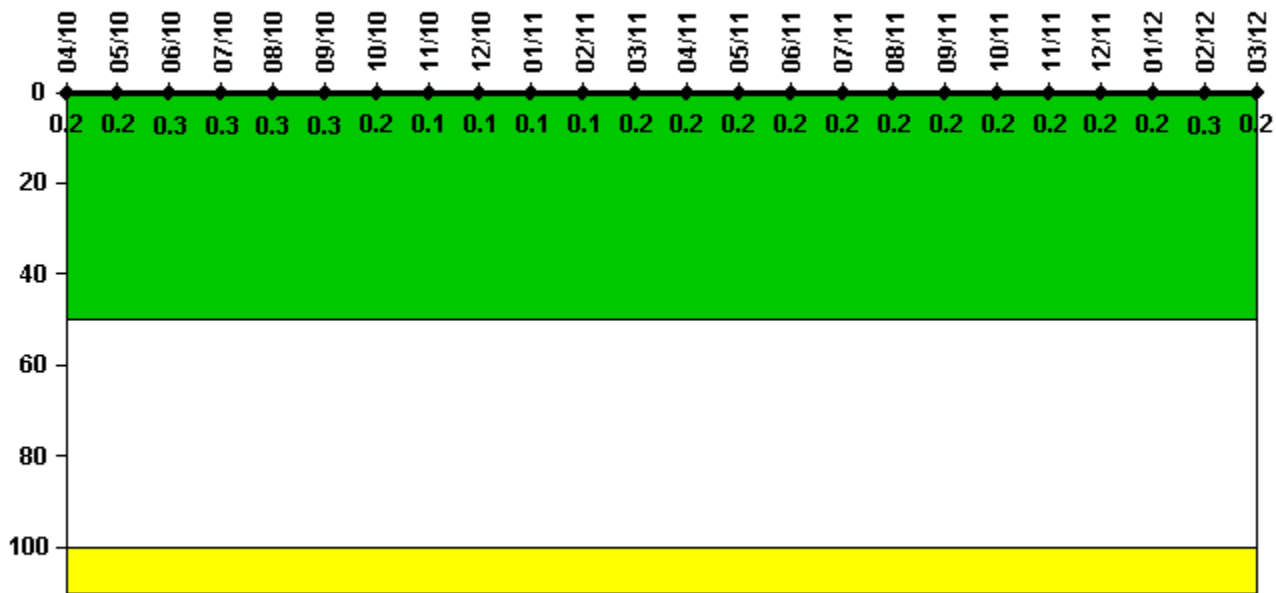
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (ΔCDF)	3.44E-08	1.03E-07	1.03E-07	8.86E-08	2.31E-08	2.08E-08	2.11E-08	2.14E-08
URI (ΔCDF)	4.54E-07	-8.89E-08	-9.05E-08	-9.19E-08	7.02E-08	7.02E-08	7.02E-08	7.02E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.90E-07	1.40E-08	1.30E-08	-3.30E-09	9.30E-08	9.10E-08	9.10E-08	9.20E-08

Licensee Comments: none

Reactor Coolant System Activity



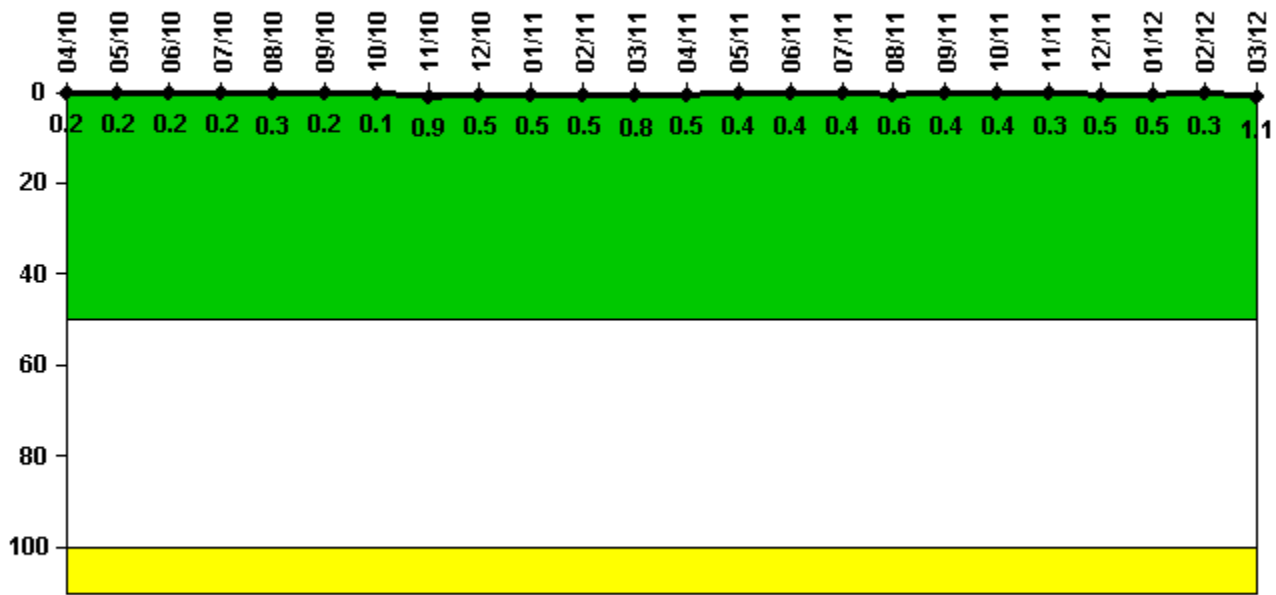
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11
Maximum activity	0.001150	0.001190	0.001290	0.001260	0.001300	0.001400	0.001110	0.000516	0.000664	0.000721	0.000749	0.000782
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.2
Reactor Coolant System Activity	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12
Maximum activity	0.000847	0.000884	0.000975	0.000958	0.000981	0.001110	0.001040	0.001150	0.001180	0.001220	0.001280	0.001240
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2

Licensee Comments: none

Reactor Coolant System Leakage



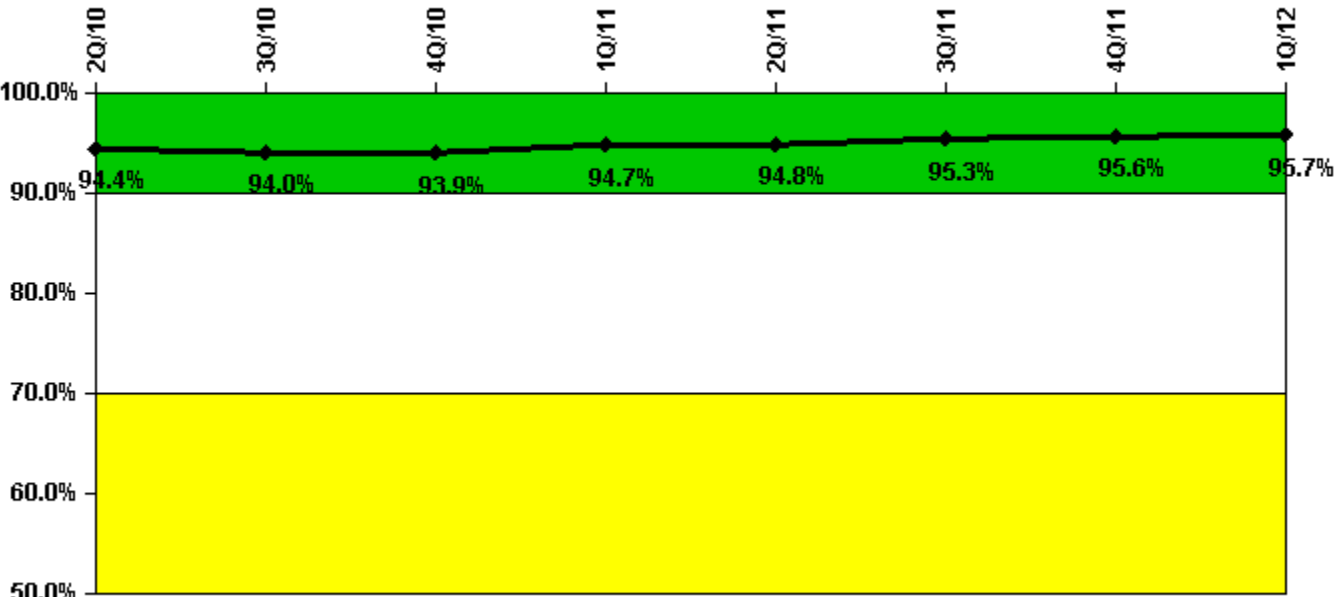
Thresholds: White > 50.0 Yellow > 100.0

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	0.017	0.015	0.019	0.017	0.030	0.015	0.010	0.093	0.049	0.054	0.051	0.076
Technical specification limit	10.0	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	0.3	0.2	0.1	0.9	0.5	0.5	0.5	0.8
Reactor Coolant System Leakage	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12
Maximum leakage	0.048	0.042	0.040	0.036	0.059	0.035	0.041	0.031	0.052	0.050	0.029	0.105
Technical specification limit	10.0	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	0.4	0.4	0.4	0.6	0.4	0.4	0.3	0.5	0.5	0.3	1.1

Licensee Comments: none

Drill/Exercise Performance



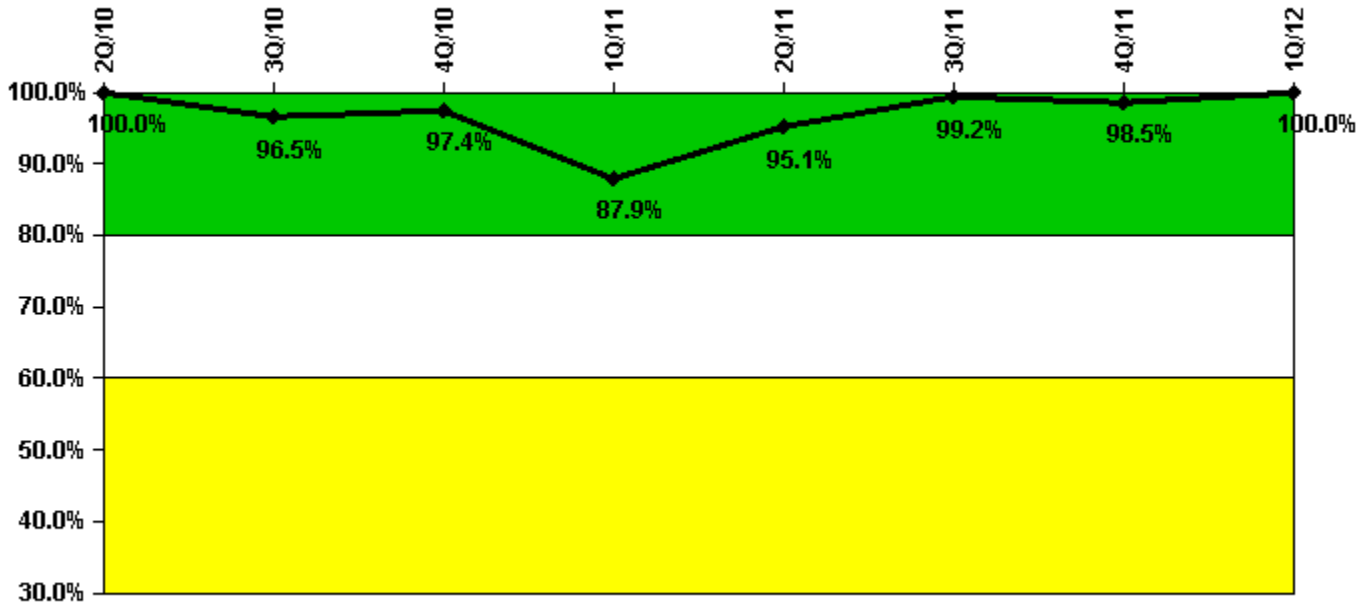
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Successful opportunities	20.0	14.0	11.0	31.0	59.0	55.0	28.0	25.0
Total opportunities	23.0	15.0	11.0	34.0	61.0	56.0	28.0	26.0
Indicator value	94.4%	94.0%	93.9%	94.7%	94.8%	95.3%	95.6%	95.7%

Licensee Comments: none

ERO Drill Participation



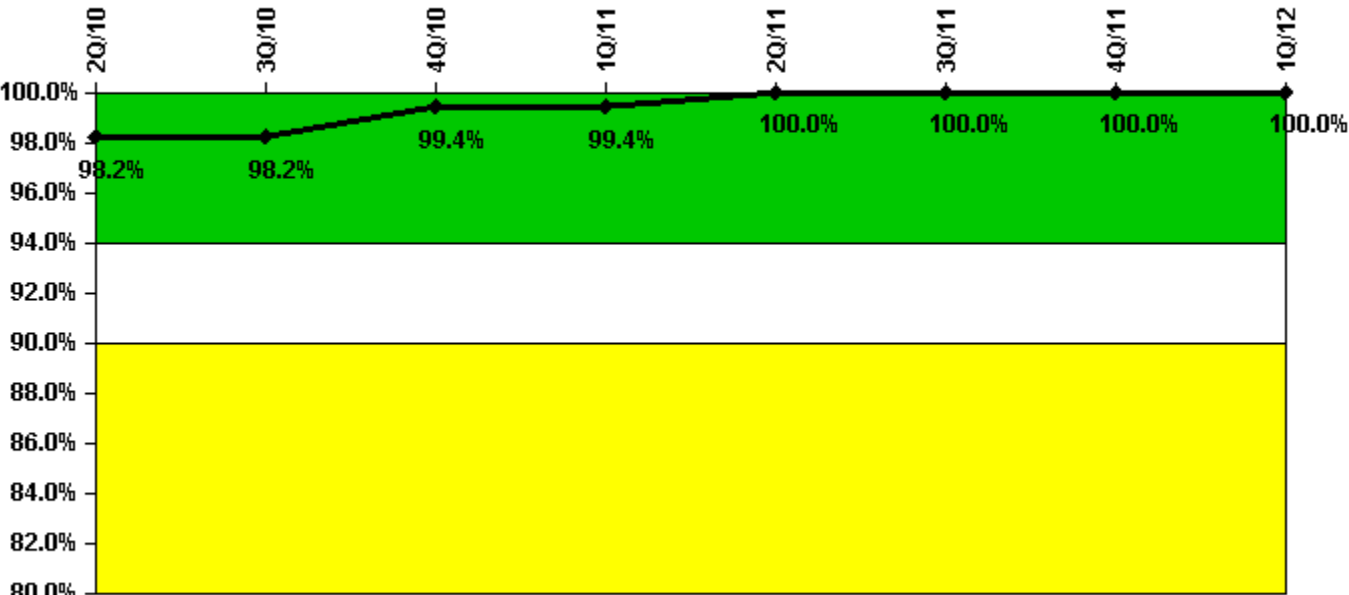
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Participating Key personnel	105.0	109.0	111.0	109.0	116.0	128.0	134.0	130.0
Total Key personnel	105.0	113.0	114.0	124.0	122.0	129.0	136.0	130.0
Indicator value	100.0%	96.5%	97.4%	87.9%	95.1%	99.2%	98.5%	100.0%

Licensee Comments: none

Alert & Notification System



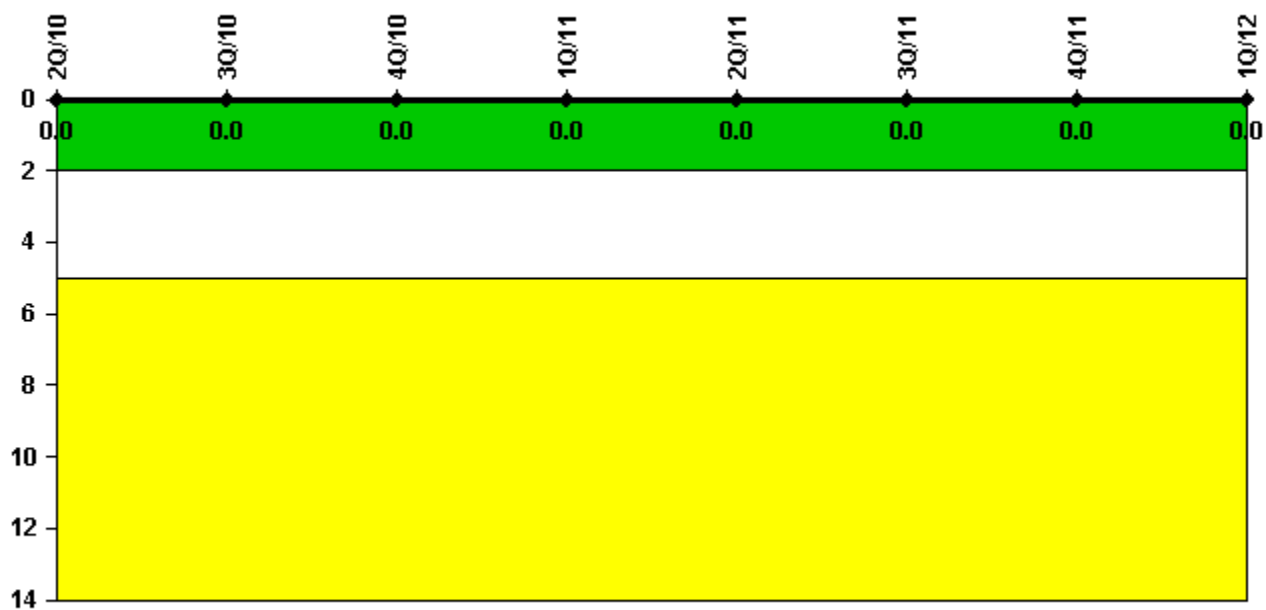
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Successful siren-tests	38	42	42	39	42	42	42	42
Total sirens-tests	39	42	42	39	42	42	42	42
Indicator value	98.2%	98.2%	99.4%	99.4%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



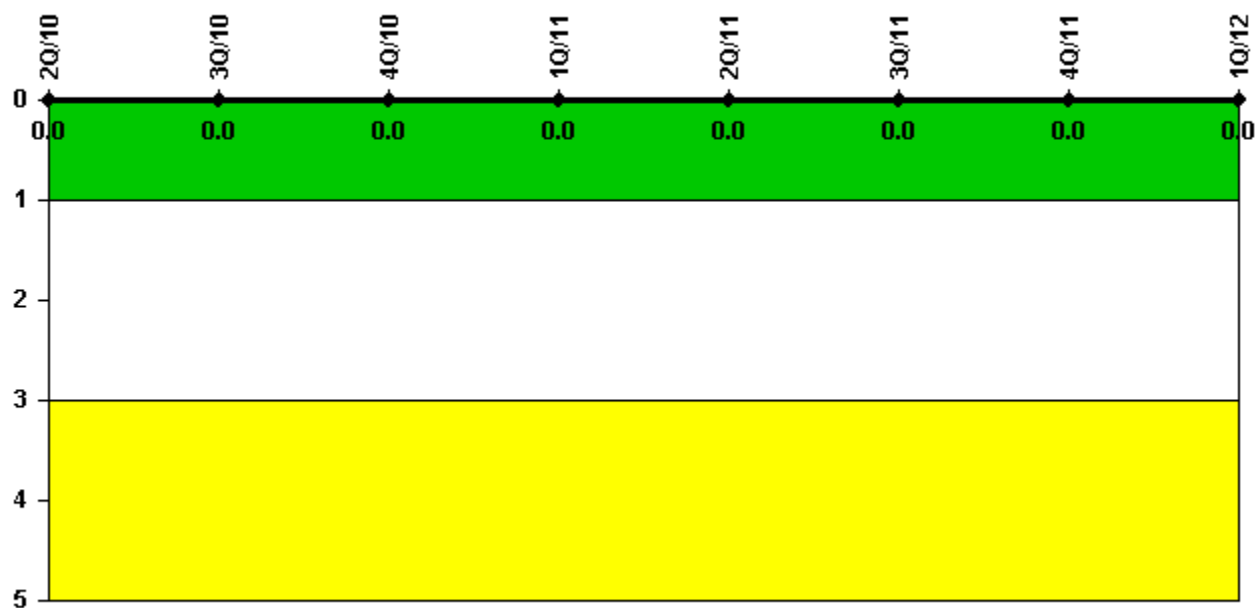
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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

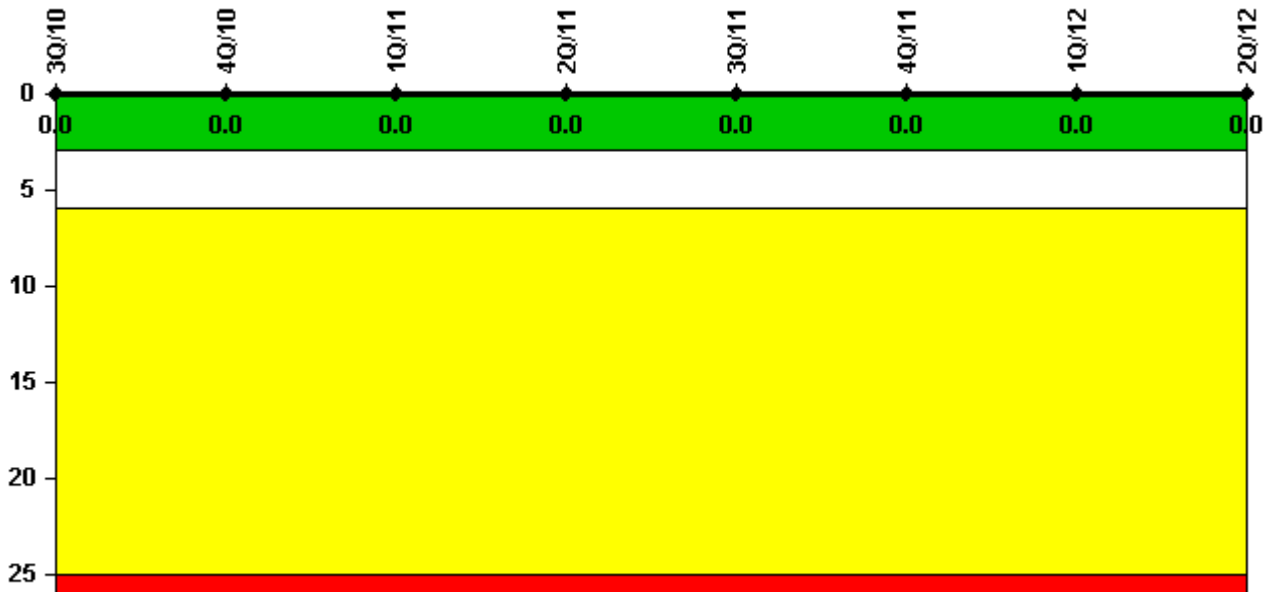
[Security](#) information not publicly available.

Farley 1

2Q/2012 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



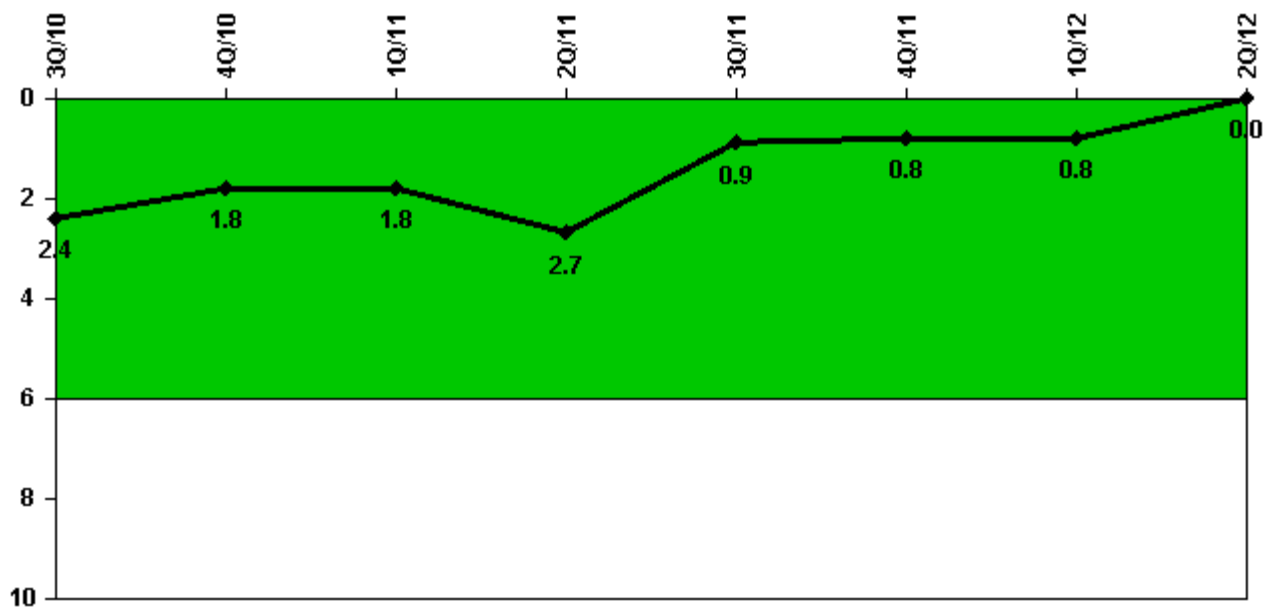
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2208.0	1284.8	2159.0	2184.0	2208.0	2209.0	2093.0	1606.2
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

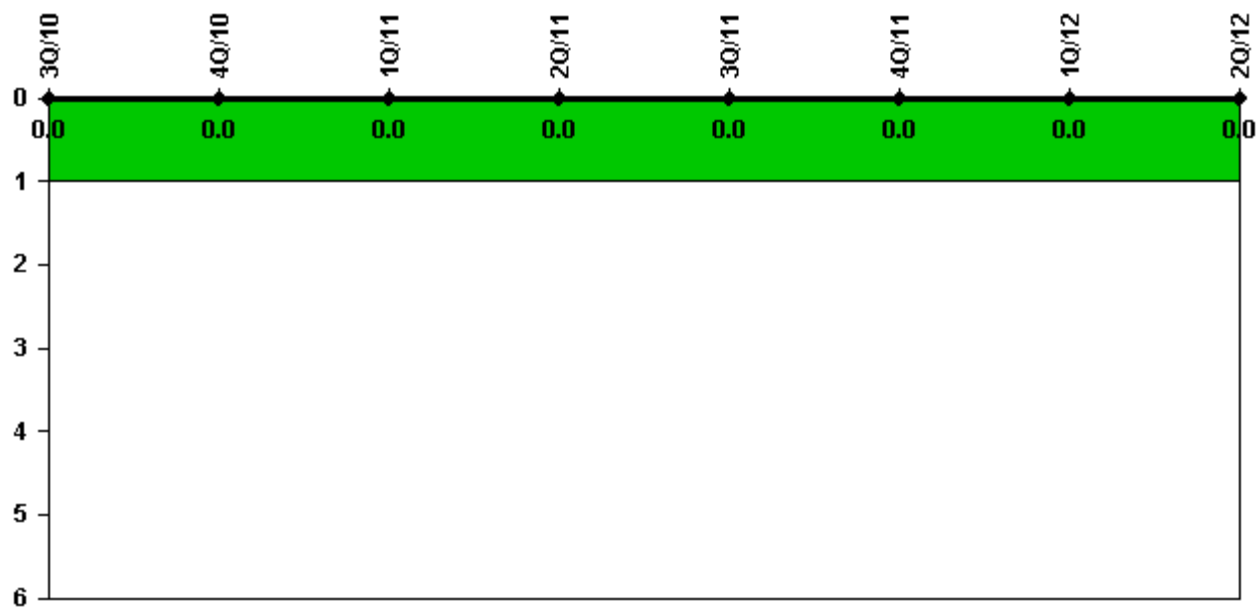
Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Unplanned power changes	2.0	0	0	1.0	0	0	0	0
Critical hours	2208.0	1284.8	2159.0	2184.0	2208.0	2209.0	2093.0	1606.2
Indicator value	2.4	1.8	1.8	2.7	0.9	0.8	0.8	0

Licensee Comments:

3Q/10: On 8/15/2010 at 04:00 AM, a Notice of Enforcement Discretion (NOED) went into effect for Unit 1 to allow discretion to not enforce TS 3.6.5 Required Action A.1 for containment temperature exceeding 120. (NOED NO. 10-2-004)

Unplanned Scrams with Complications



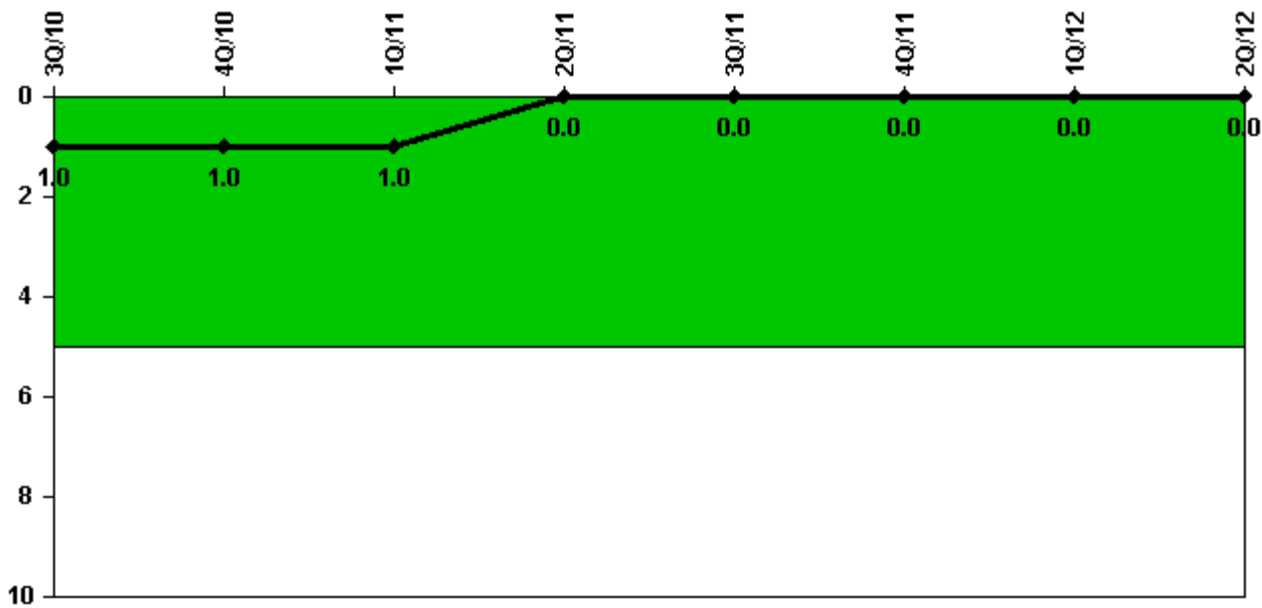
Thresholds: White > 1.0

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: none

Safety System Functional Failures (PWR)



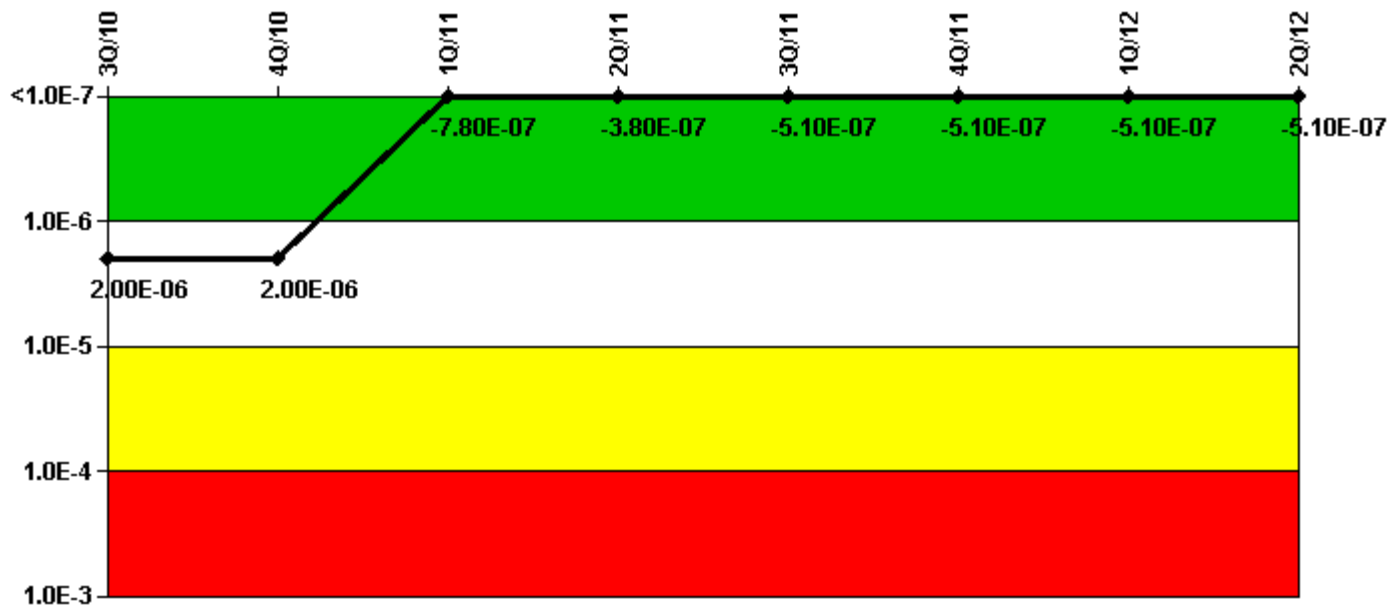
Thresholds: White > 5.0

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



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

Notes

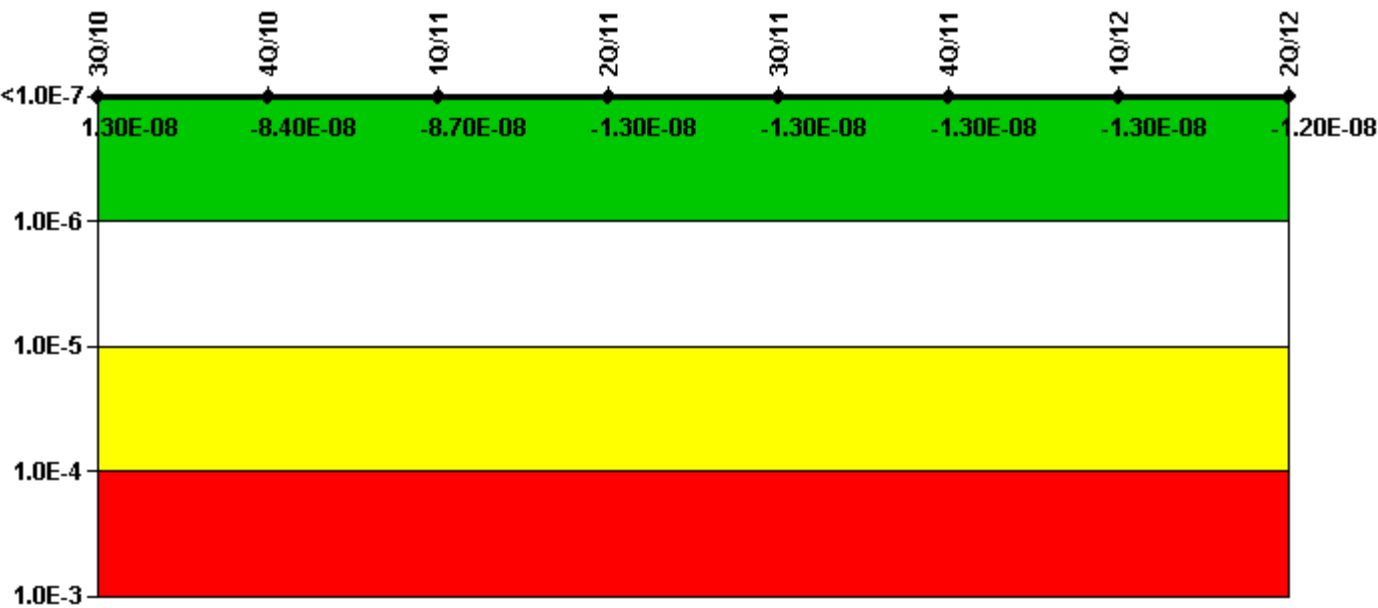
Mitigating Systems Performance Index, Emergency AC Power System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (ΔCDF)	3.32E-07	3.27E-07	1.60E-07	1.16E-07	-2.66E-08	-2.66E-08	-2.68E-08	-2.57E-08
URI (ΔCDF)	1.64E-06	1.64E-06	-9.40E-07	-4.93E-07	-4.88E-07	-4.88E-07	-4.87E-07	-4.87E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.00E-06	2.00E-06	-7.80E-07	-3.80E-07	-5.10E-07	-5.10E-07	-5.10E-07	-5.10E-07

Licensee Comments:

4Q/10: Risk Cap Invoked.

3Q/10: Risk Cap Invoked.

Mitigating Systems Performance Index, High Pressure Injection System



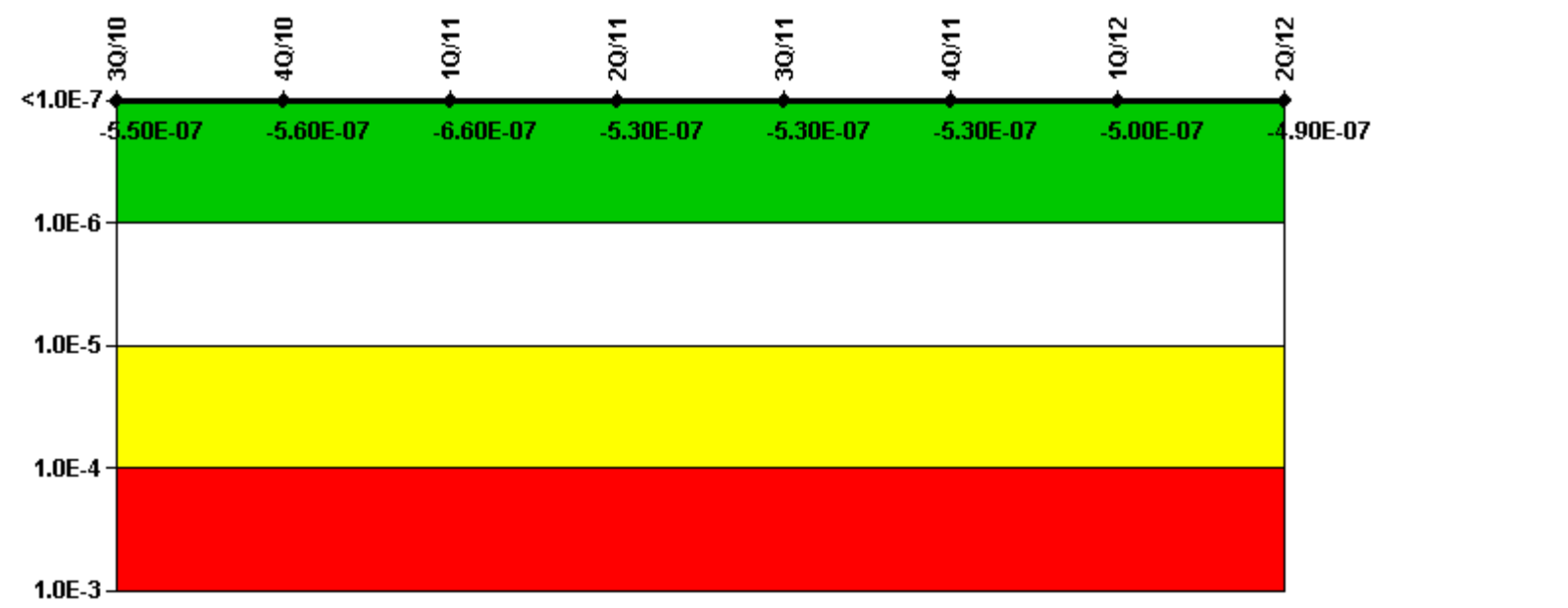
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (ΔCDF)	-4.65E-08	-3.24E-08	-3.52E-08	-8.61E-11	-4.90E-11	-3.26E-11	1.93E-11	6.68E-11
URI (ΔCDF)	5.93E-08	-5.17E-08	-5.17E-08	-1.26E-08	-1.26E-08	-1.26E-08	-1.26E-08	-1.26E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.30E-08	-8.40E-08	-8.70E-08	-1.30E-08	-1.30E-08	-1.30E-08	-1.30E-08	-1.20E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



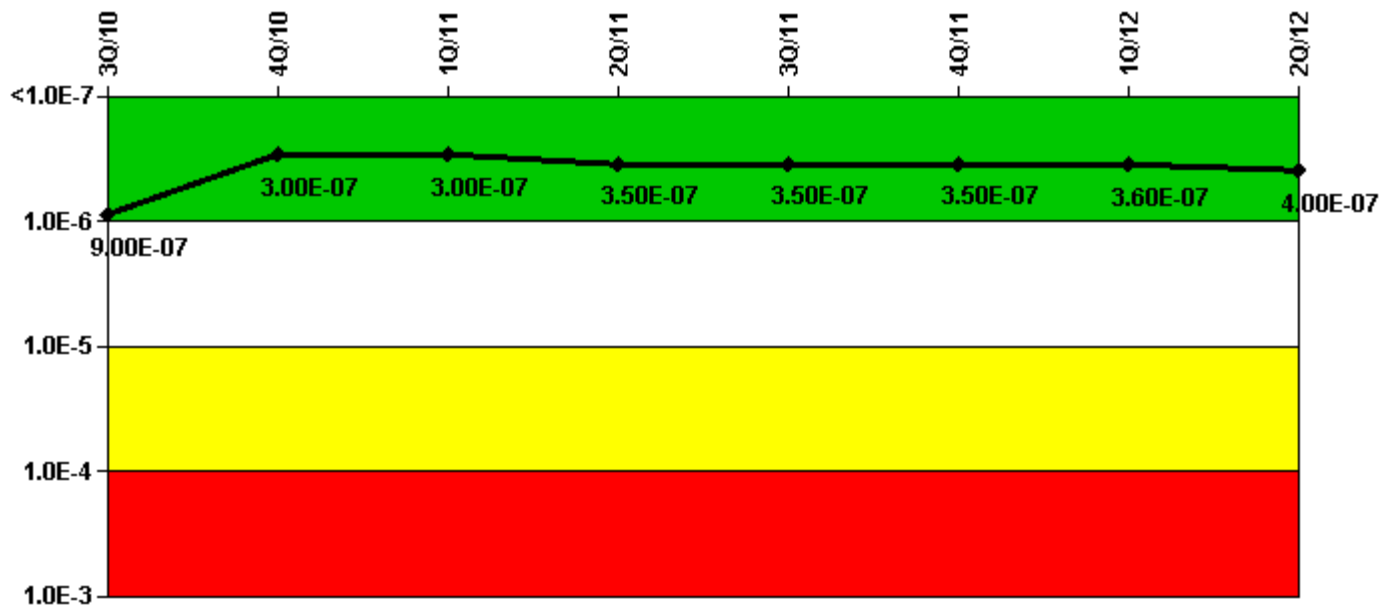
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (ΔCDF)	-4.99E-08	-5.14E-08	-1.52E-07	-1.14E-07	-1.13E-07	-1.19E-07	-9.03E-08	-8.31E-08
URI (ΔCDF)	-5.04E-07	-5.04E-07	-5.04E-07	-4.16E-07	-4.16E-07	-4.12E-07	-4.12E-07	-4.12E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.50E-07	-5.60E-07	-6.60E-07	-5.30E-07	-5.30E-07	-5.30E-07	-5.00E-07	-4.90E-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/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (ΔCDF)	-1.19E-08	-1.22E-08	-1.22E-08	1.86E-09	1.52E-09	1.47E-09	1.45E-08	5.76E-08
URI (ΔCDF)	9.14E-07	3.11E-07	3.11E-07	3.45E-07	3.45E-07	3.45E-07	3.45E-07	3.45E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	9.00E-07	3.00E-07	3.00E-07	3.50E-07	3.50E-07	3.50E-07	3.60E-07	4.00E-07

Licensee Comments:

2Q/12: Risk Cap Invoked.

1Q/12: Risk Cap Invoked.

4Q/11: Risk Cap Invoked.

3Q/11: Risk Cap Invoked.

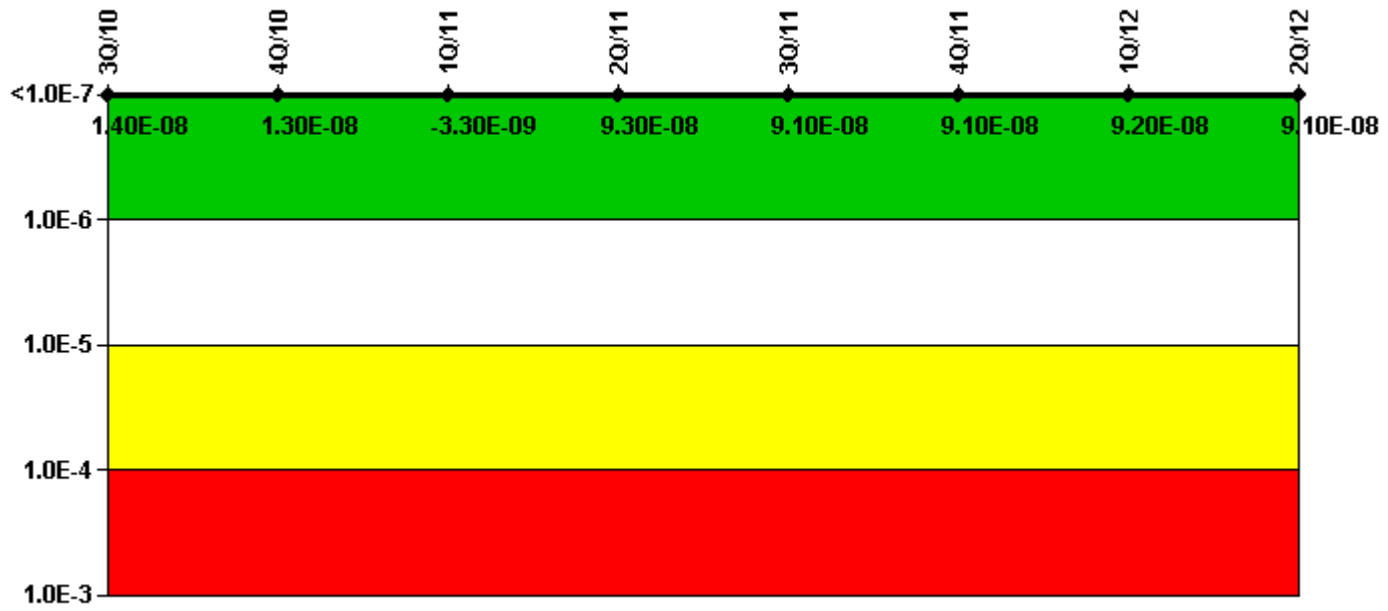
2Q/11: Risk Cap Invoked.

1Q/11: Risk Cap Invoked.

4Q/10: Risk Cap Invoked.

3Q/10: Risk Cap Invoked.

Mitigating Systems Performance Index, Cooling Water Systems



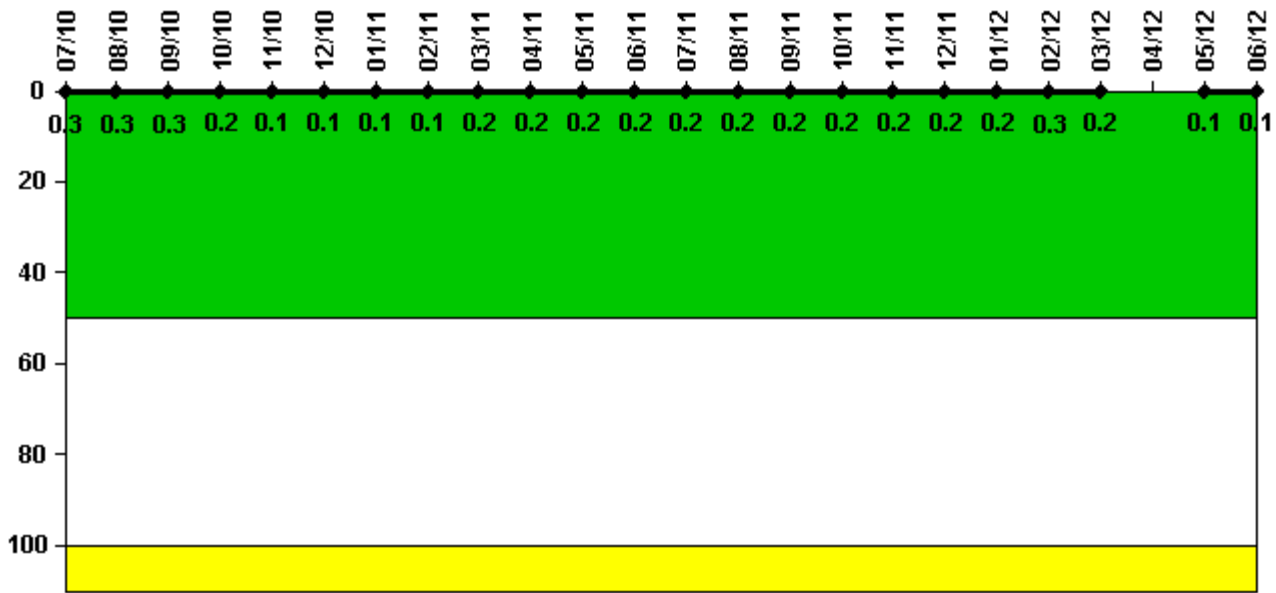
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (ΔCDF)	1.03E-07	1.03E-07	8.86E-08	2.31E-08	2.08E-08	2.11E-08	2.14E-08	2.13E-08
URI (ΔCDF)	-8.89E-08	-9.05E-08	-9.19E-08	7.02E-08	7.02E-08	7.02E-08	7.02E-08	7.02E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.40E-08	1.30E-08	-3.30E-09	9.30E-08	9.10E-08	9.10E-08	9.20E-08	9.10E-08

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

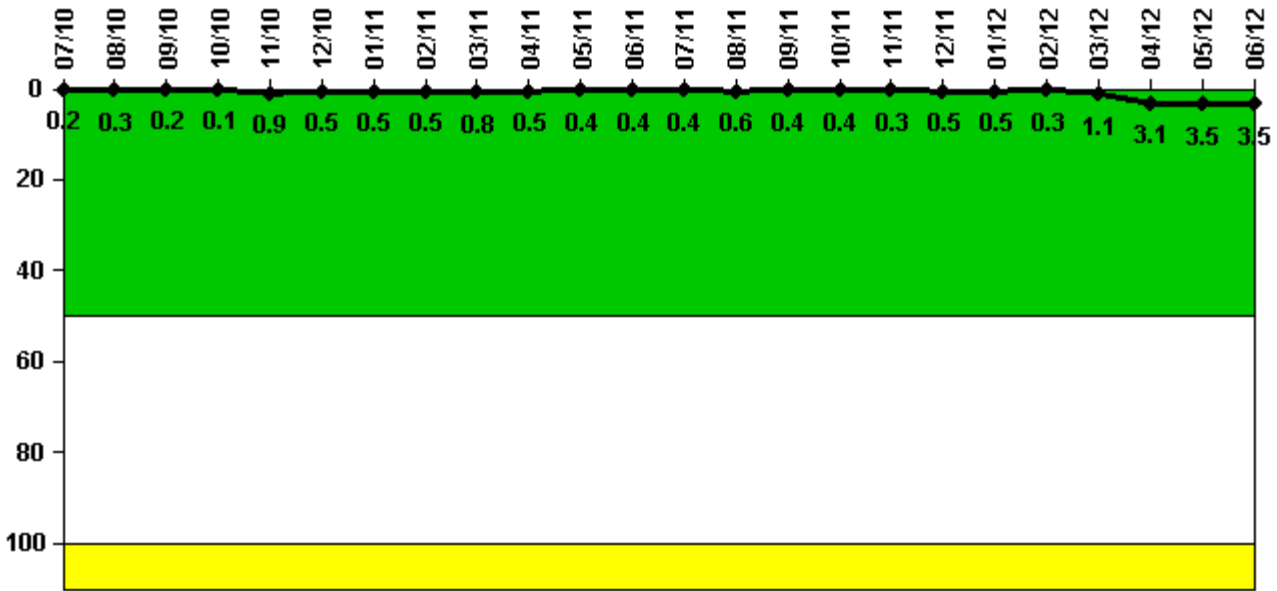
Notes

Reactor Coolant System Activity	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11	4/11	5/11	6/11
Maximum activity	0.001260	0.001300	0.001400	0.001110	0.000516	0.000664	0.000721	0.000749	0.000782	0.000847	0.000884	0.000975
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.3	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2

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	0.000958	0.000981	0.001110	0.001040	0.001150	0.001180	0.001220	0.001280	0.001240	N/A	0.000614	0.000629
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	N/A	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

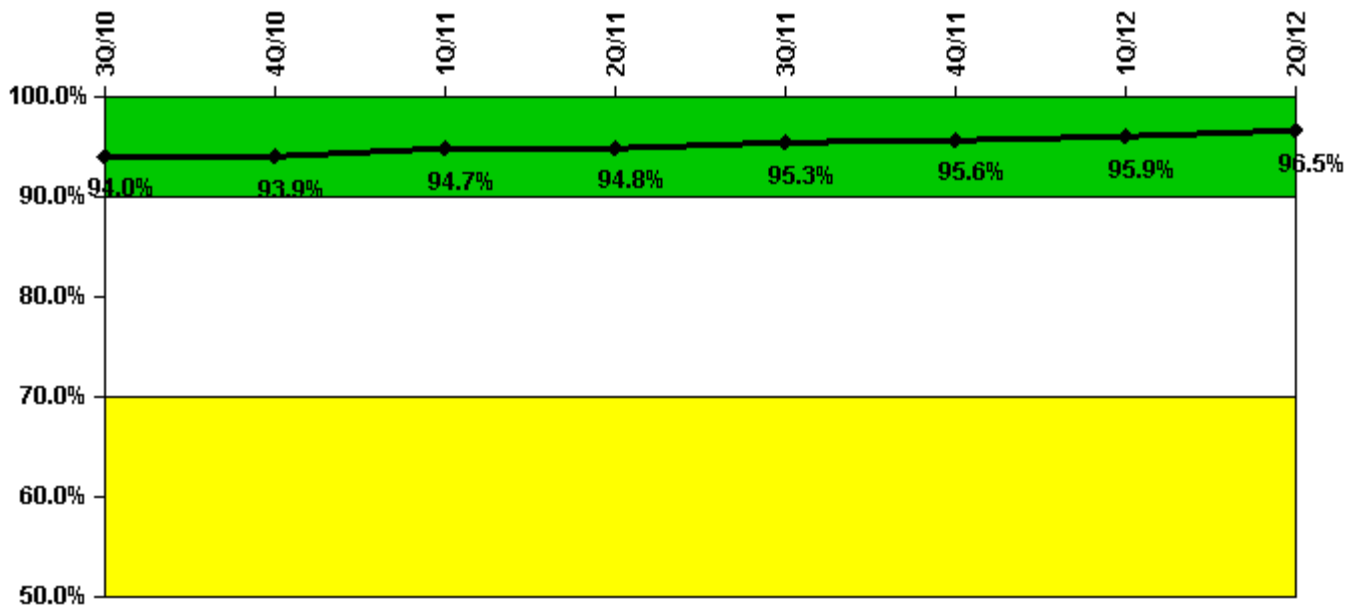
Notes

Reactor Coolant System Leakage	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11	4/11	5/11	6/11
Maximum leakage	0.017	0.030	0.015	0.010	0.093	0.049	0.054	0.051	0.076	0.048	0.042	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	0.1	0.9	0.5	0.5	0.5	0.8	0.5	0.4	0.4
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	0.036	0.059	0.035	0.041	0.031	0.052	0.050	0.029	0.105	0.308	0.350	0.349
Technical specification limit	10.0	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	0.6	0.4	0.4	0.3	0.5	0.5	0.3	1.1	3.1	3.5	3.5

Licensee Comments:

6/12: April RCS Activity data not available because of U1 Outage

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

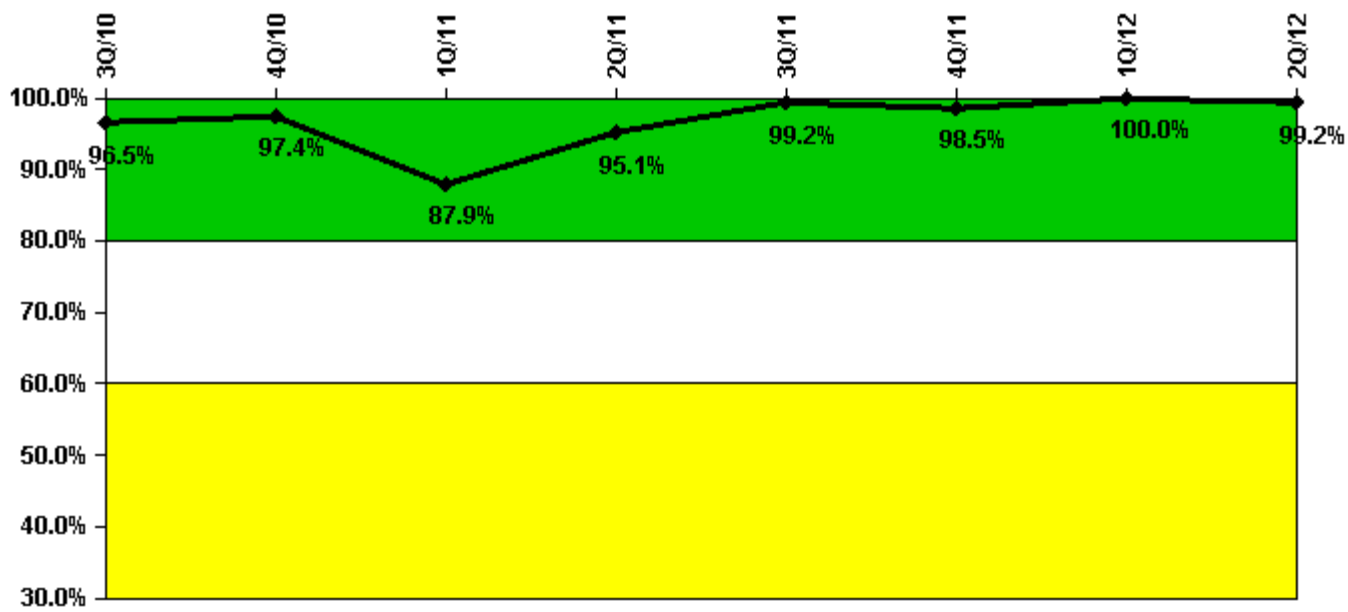
Notes

Drill/Exercise Performance	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Successful opportunities	14.0	11.0	31.0	59.0	55.0	28.0	39.0	14.0
Total opportunities	15.0	11.0	34.0	61.0	56.0	28.0	40.0	15.0
Indicator value	94.0%	93.9%	94.7%	94.8%	95.3%	95.6%	95.9%	96.5%

Licensee Comments:

1Q/12: Data changed due to an entry error at the site.

ERO Drill Participation



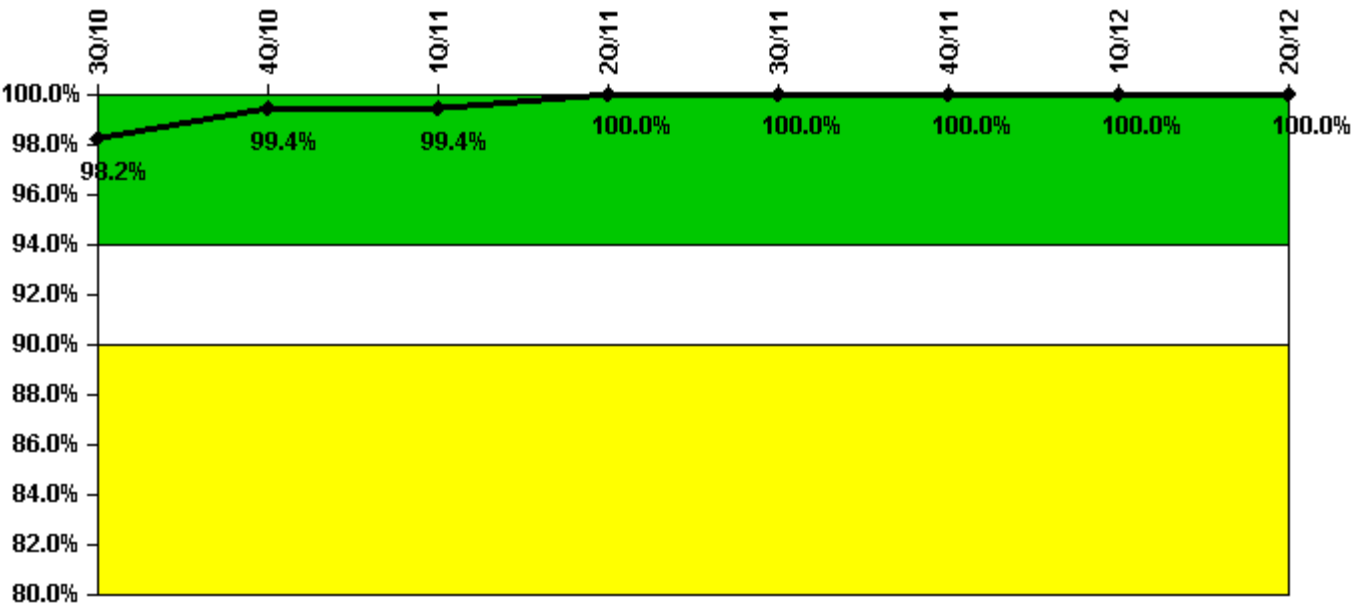
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Participating Key personnel	109.0	111.0	109.0	116.0	128.0	134.0	130.0	127.0
Total Key personnel	113.0	114.0	124.0	122.0	129.0	136.0	130.0	128.0
Indicator value	96.5%	97.4%	87.9%	95.1%	99.2%	98.5%	100.0%	99.2%

Licensee Comments: none

Alert & Notification System



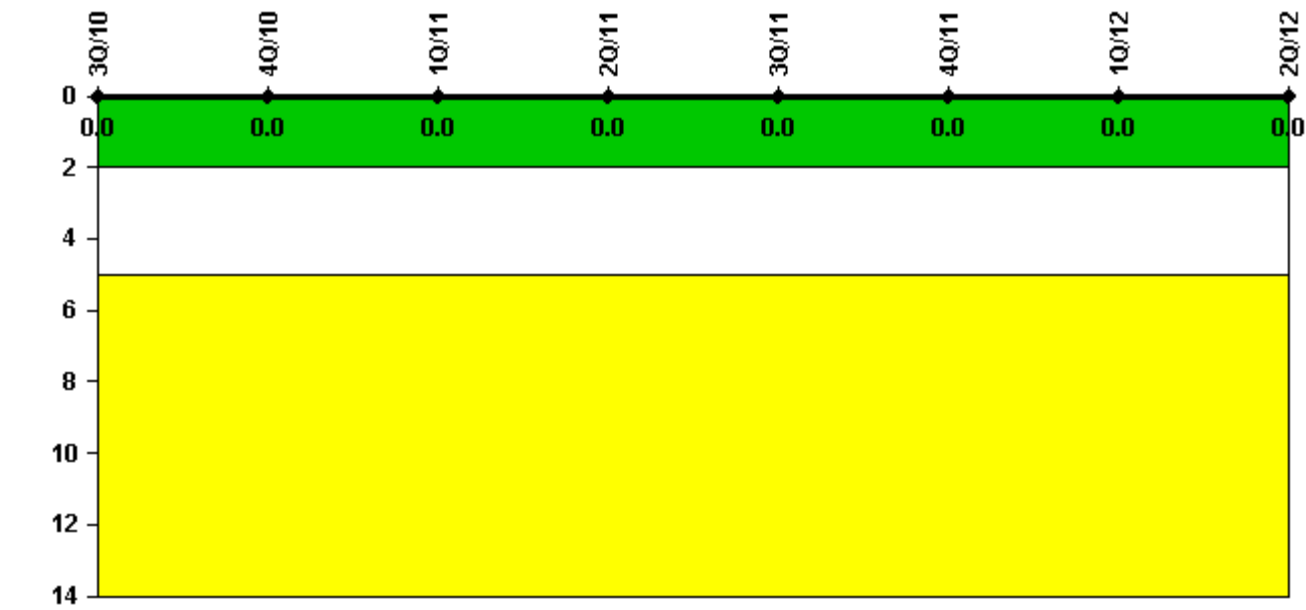
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Successful siren-tests	42	42	39	42	42	42	42	42
Total sirens-tests	42	42	39	42	42	42	42	42
Indicator value	98.2%	99.4%	99.4%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



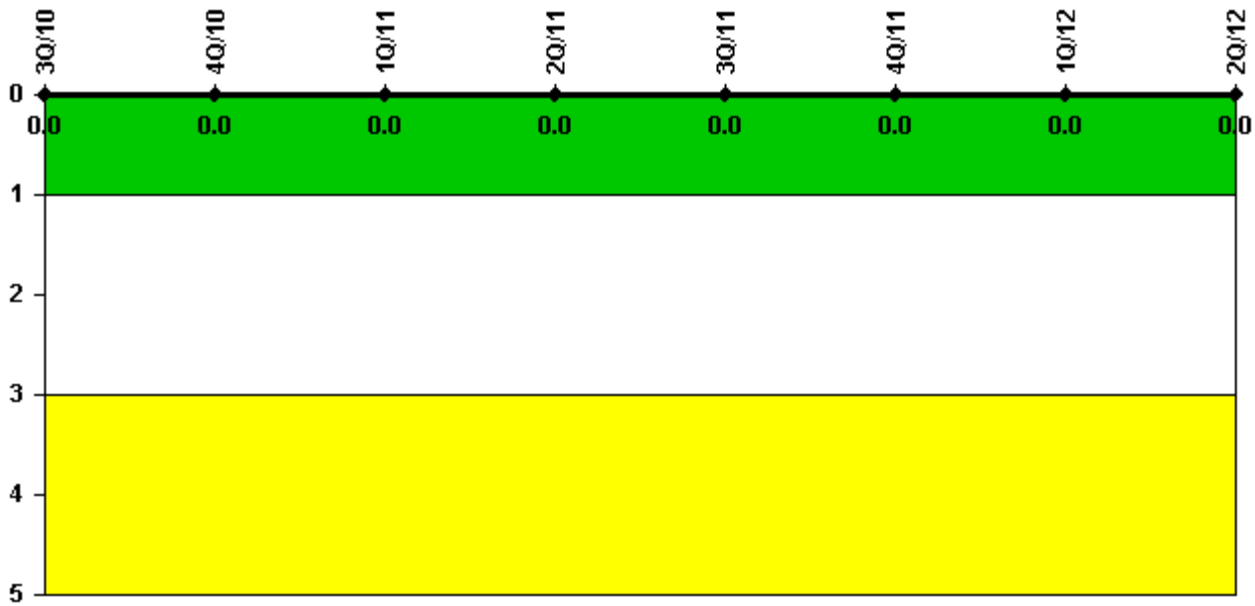
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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

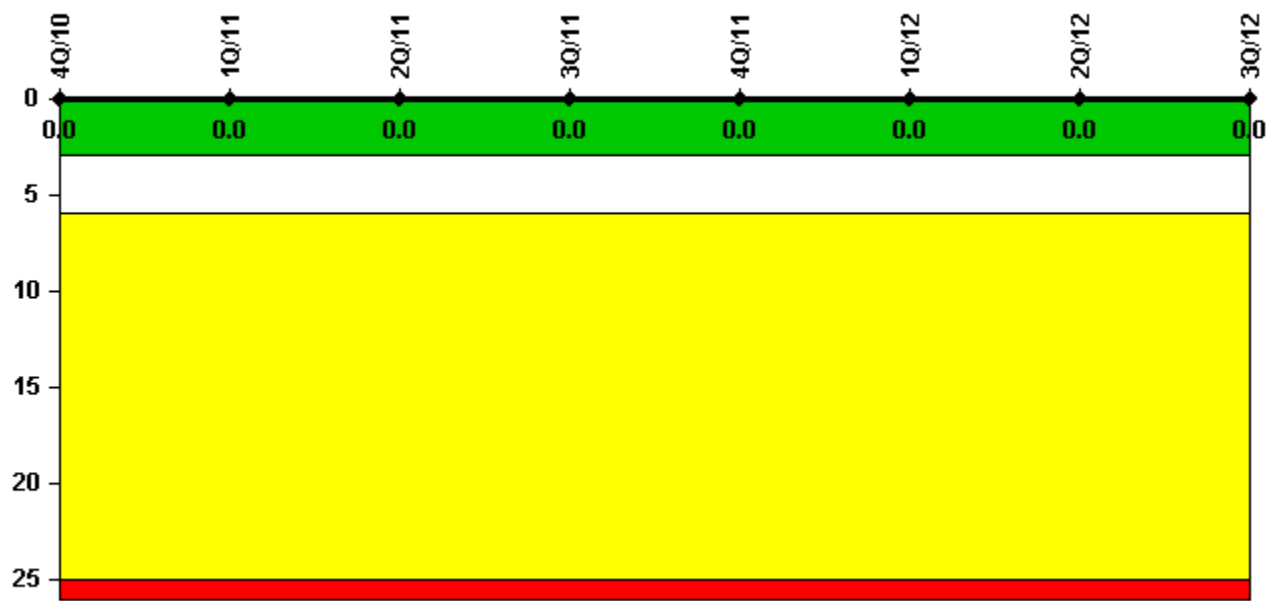
Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information 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.

Farley 1

3Q/2012 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



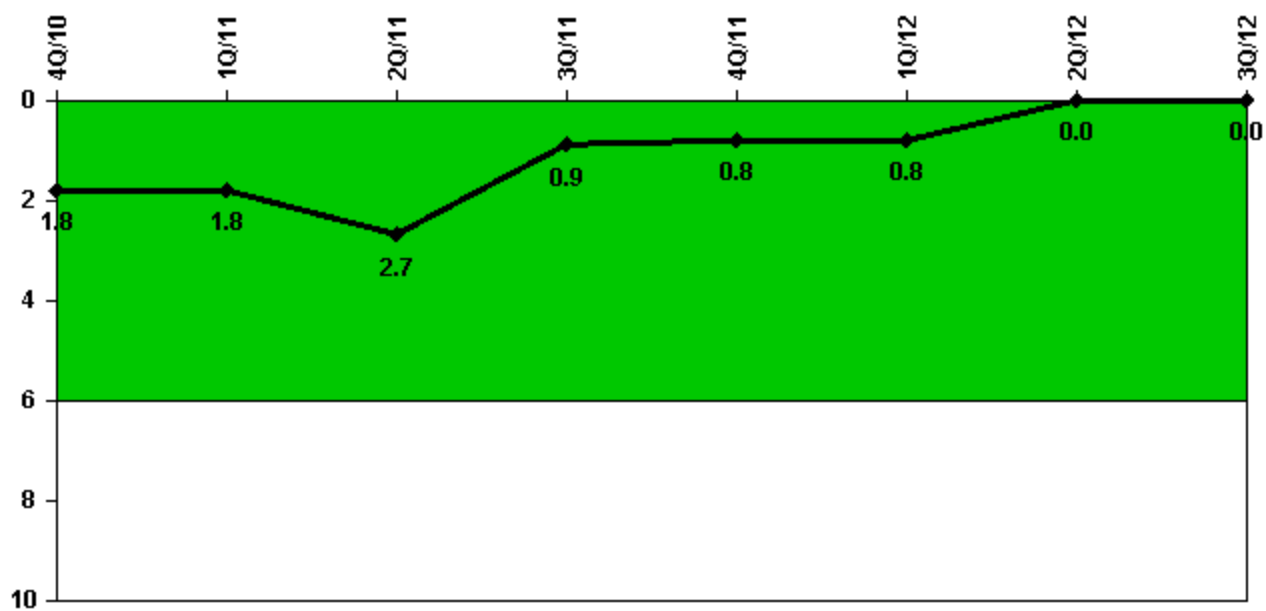
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1284.8	2159.0	2184.0	2208.0	2209.0	2093.0	1606.2	2141.1
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



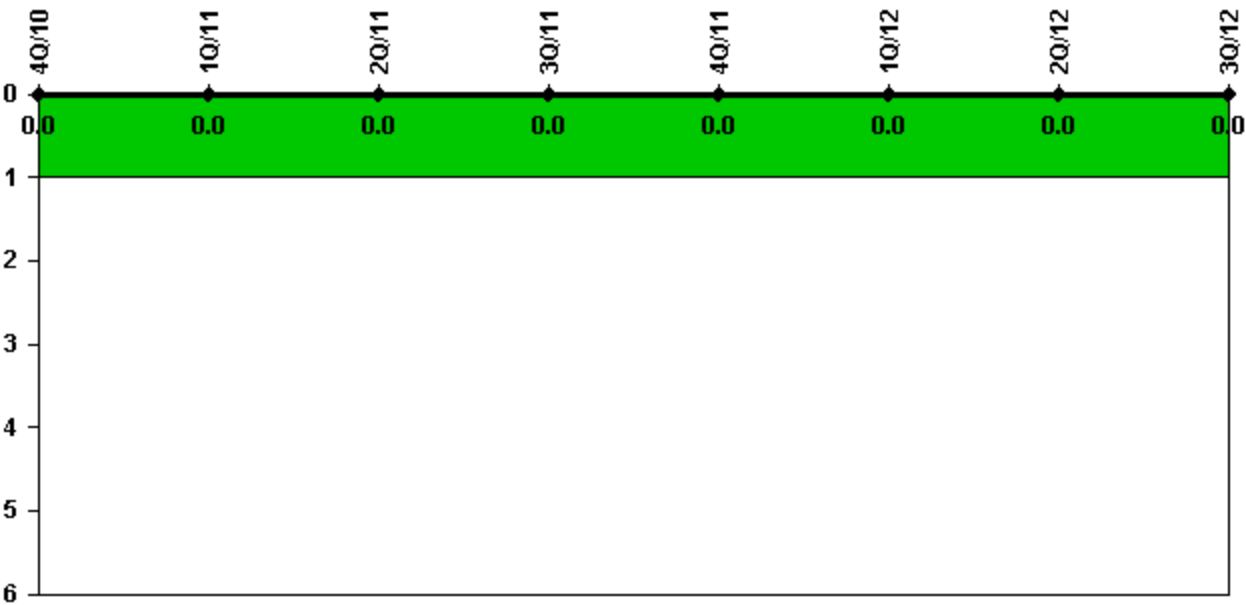
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Unplanned power changes	0	0	1.0	0	0	0	0	0
Critical hours	1284.8	2159.0	2184.0	2208.0	2209.0	2093.0	1606.2	2141.1
Indicator value	1.8	1.8	2.7	0.9	0.8	0.8	0	0

Licensee Comments: none

Unplanned Scrams with Complications



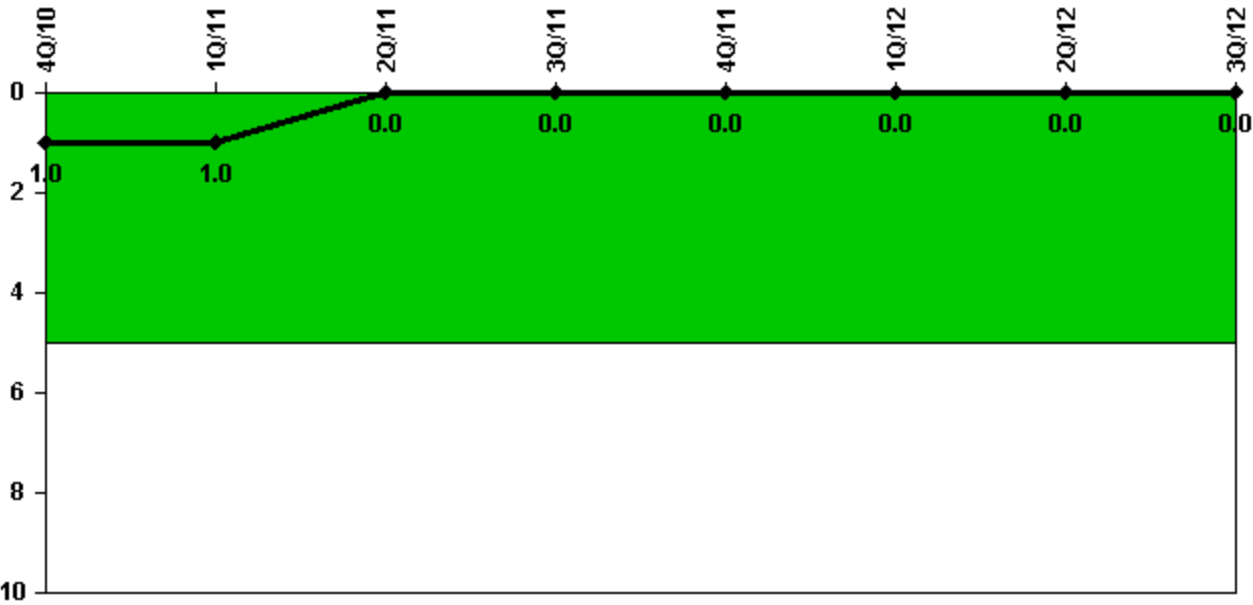
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



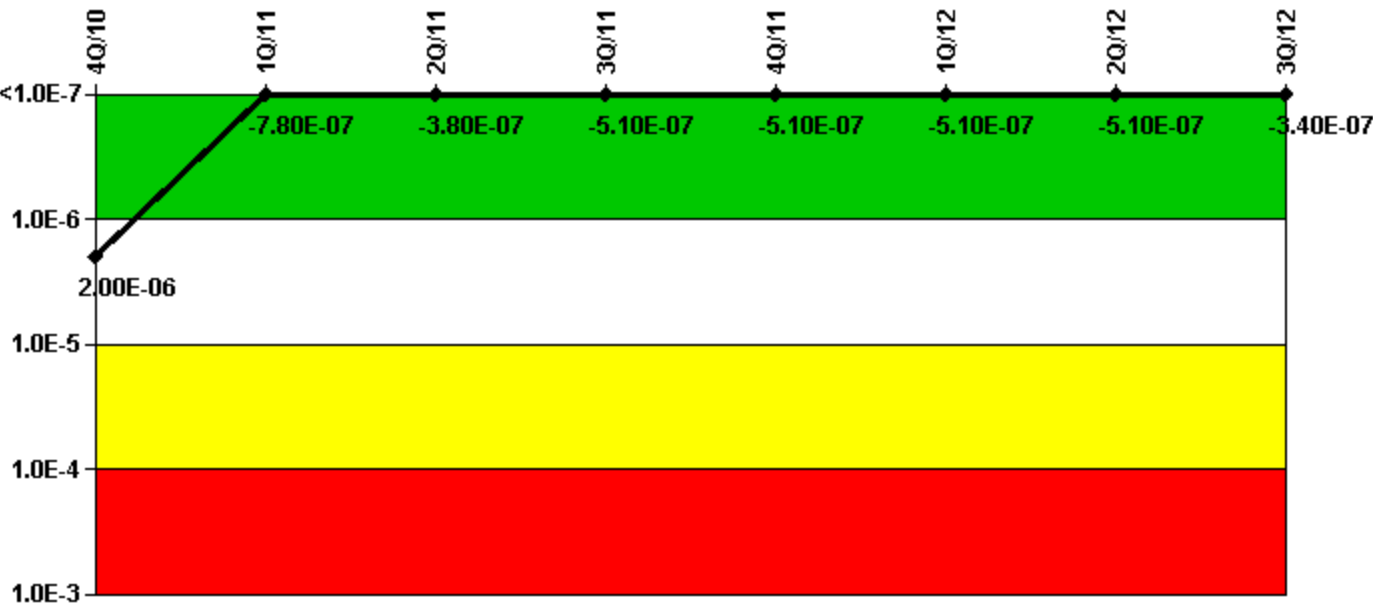
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	1	1	0	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



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

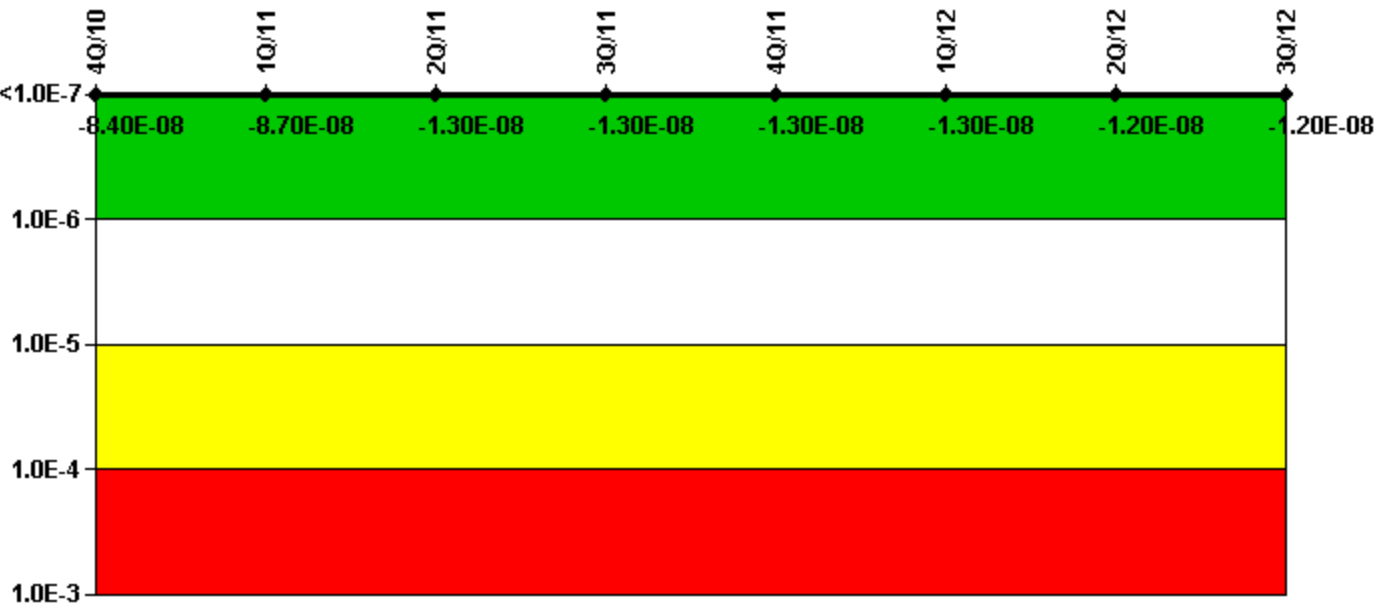
Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
UAI (ΔCDF)	3.27E-07	1.60E-07	1.16E-07	-2.66E-08	-2.66E-08	-2.68E-08	-2.57E-08	-2.70E-08
URI (ΔCDF)	1.64E-06	-9.40E-07	-4.93E-07	-4.88E-07	-4.88E-07	-4.87E-07	-4.87E-07	-3.18E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.00E-06	-7.80E-07	-3.80E-07	-5.10E-07	-5.10E-07	-5.10E-07	-5.10E-07	-3.40E-07

Licensee Comments:

4Q/10: Risk Cap Invoked.

Mitigating Systems Performance Index, High Pressure Injection System



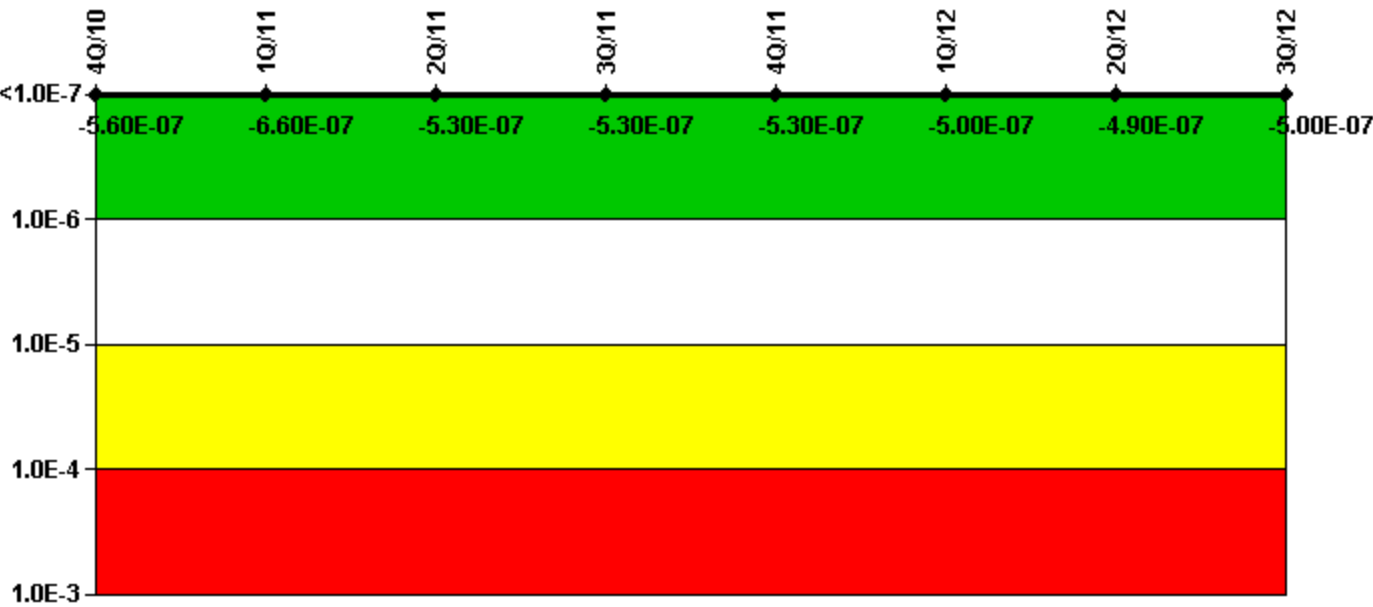
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (ΔCDF)	-3.24E-08	-3.52E-08	-8.61E-11	-4.90E-11	-3.26E-11	1.93E-11	6.68E-11	8.79E-11
URI (ΔCDF)	-5.17E-08	-5.17E-08	-1.26E-08	-1.26E-08	-1.26E-08	-1.26E-08	-1.26E-08	-1.26E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-8.40E-08	-8.70E-08	-1.30E-08	-1.30E-08	-1.30E-08	-1.30E-08	-1.20E-08	-1.20E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



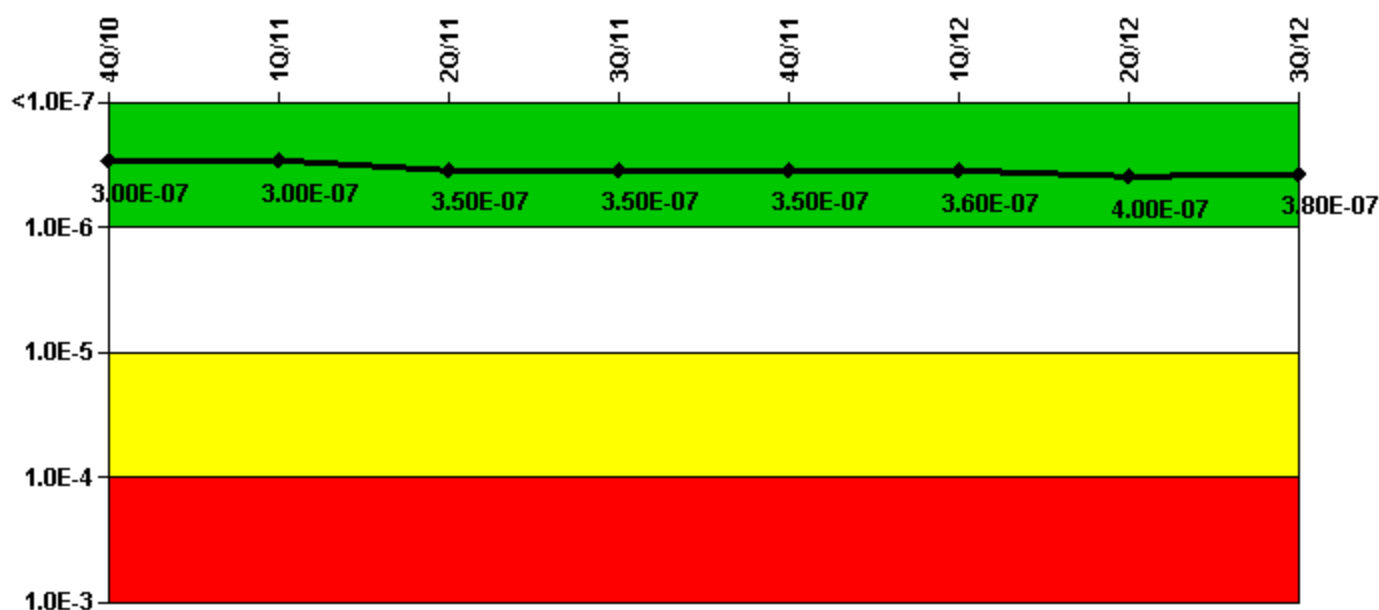
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
UAI (ΔCDF)	-5.14E-08	-1.52E-07	-1.14E-07	-1.13E-07	-1.19E-07	-9.03E-08	-8.31E-08	-8.71E-08
URI (ΔCDF)	-5.04E-07	-5.04E-07	-4.16E-07	-4.16E-07	-4.12E-07	-4.12E-07	-4.12E-07	-4.12E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.60E-07	-6.60E-07	-5.30E-07	-5.30E-07	-5.30E-07	-5.00E-07	-4.90E-07	-5.00E-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/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
UAI (Δ CDF)	-1.22E-08	-1.22E-08	1.86E-09	1.52E-09	1.47E-09	1.45E-08	5.76E-08	3.56E-08
URI (Δ CDF)	3.11E-07	3.11E-07	3.45E-07	3.45E-07	3.45E-07	3.45E-07	3.45E-07	3.45E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.00E-07	3.00E-07	3.50E-07	3.50E-07	3.50E-07	3.60E-07	4.00E-07	3.80E-07

Licensee Comments:

3Q/12: Risk Cap Invoked.

2Q/12: Risk Cap Invoked.

1Q/12: Risk Cap Invoked.

4Q/11: Risk Cap Invoked.

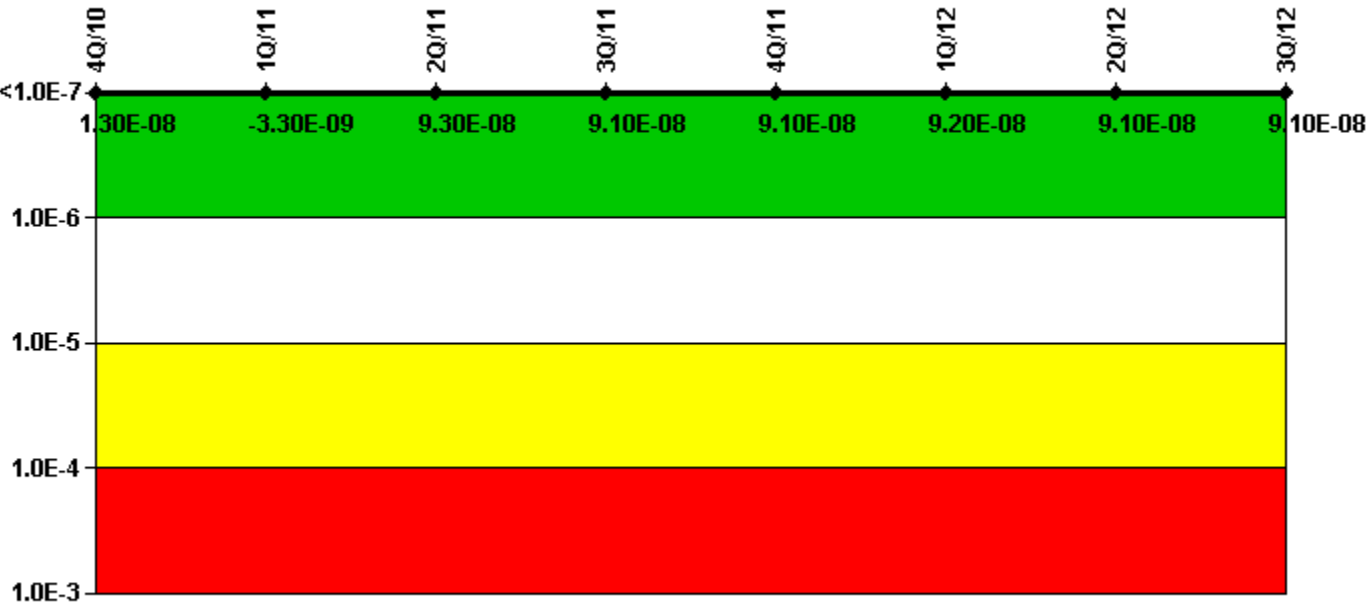
3Q/11: Risk Cap Invoked.

2Q/11: Risk Cap Invoked.

1Q/11: Risk Cap Invoked.

4Q/10: Risk Cap Invoked.

Mitigating Systems Performance Index, Cooling Water Systems



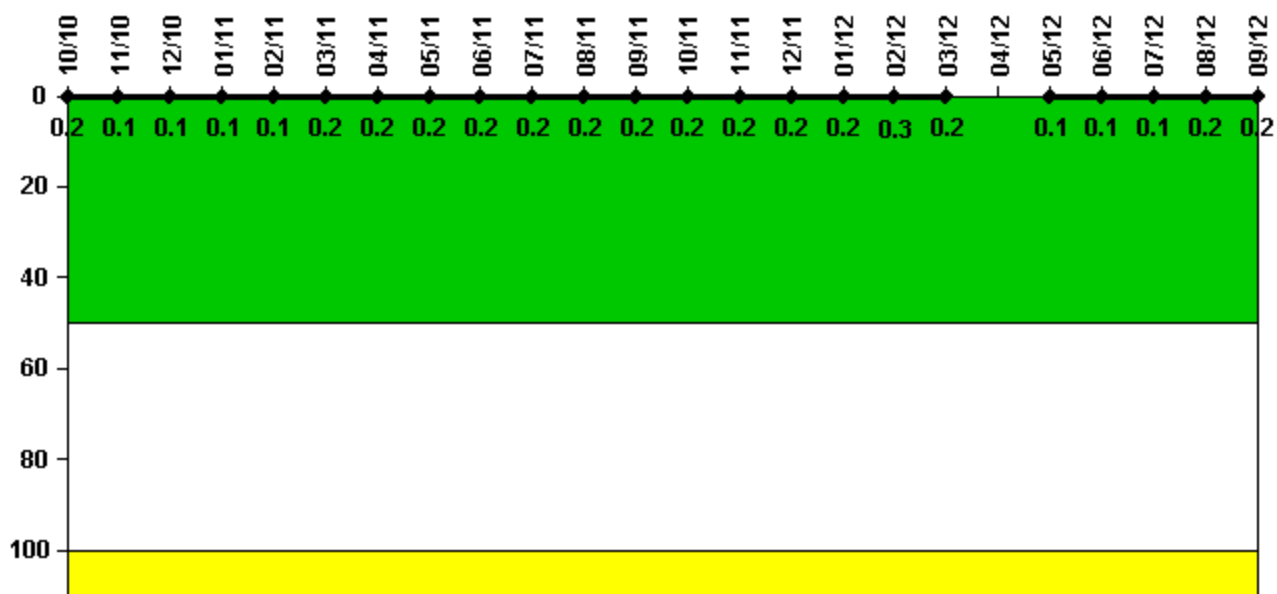
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (ΔCDF)	1.03E-07	8.86E-08	2.31E-08	2.08E-08	2.11E-08	2.14E-08	2.13E-08	2.11E-08
URI (ΔCDF)	-9.05E-08	-9.19E-08	7.02E-08	7.02E-08	7.02E-08	7.02E-08	7.02E-08	7.02E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.30E-08	-3.30E-09	9.30E-08	9.10E-08	9.10E-08	9.20E-08	9.10E-08	9.10E-08

Licensee Comments: none

Reactor Coolant System Activity



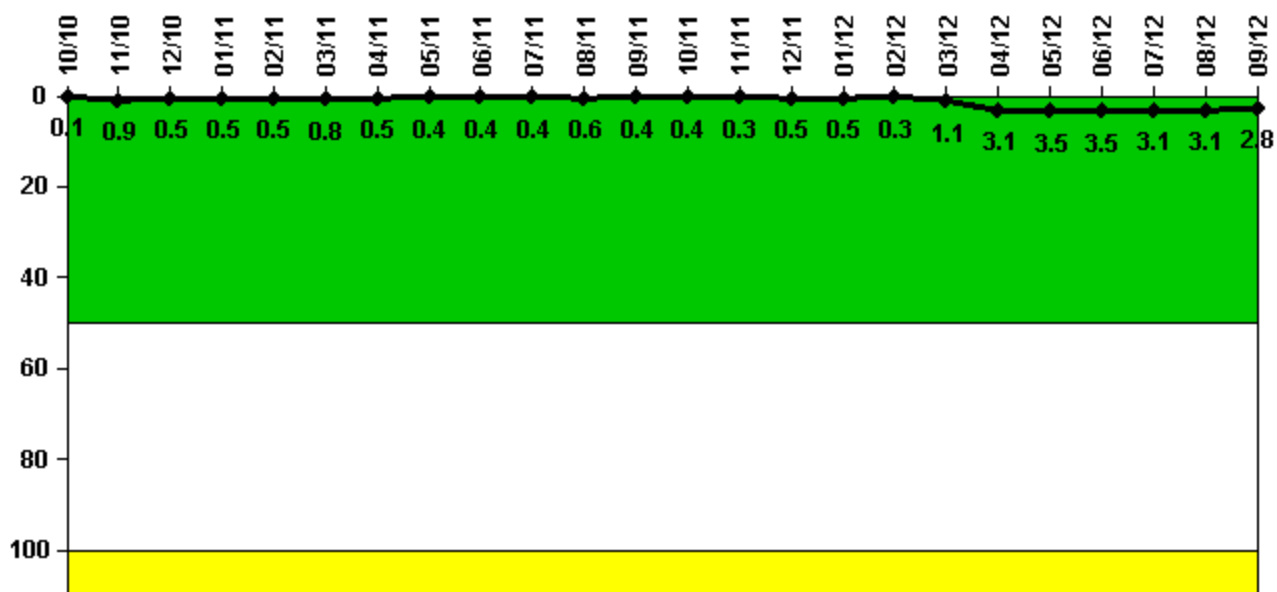
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/10	11/10	12/10	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11
Maximum activity	0.001110	0.000516	0.000664	0.000721	0.000749	0.000782	0.000847	0.000884	0.000975	0.000958	0.000981	0.001110
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.2	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Reactor Coolant System Activity	10/11	11/11	12/11	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12
Maximum activity	0.001040	0.001150	0.001180	0.001220	0.001280	0.001240	N/A	0.000614	0.000629	0.000730	0.000837	0.000819
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.2	0.2	0.2	0.2	0.3	0.2	N/A	0.1	0.1	0.1	0.2	0.2

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

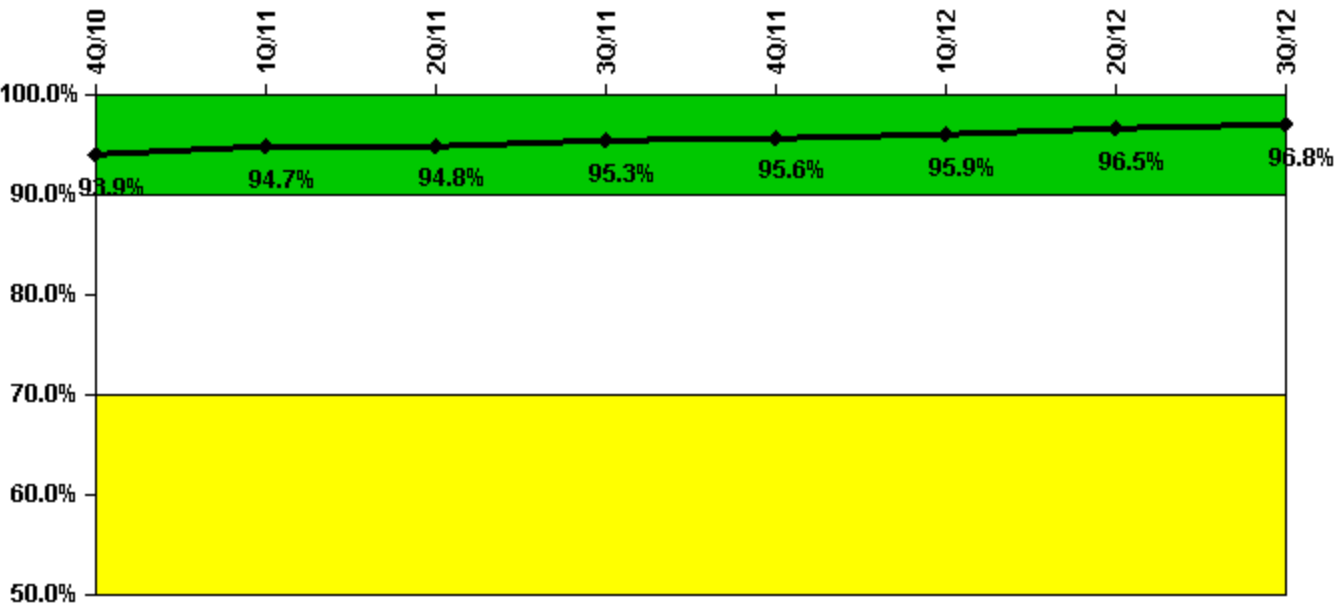
Notes

Reactor Coolant System Leakage	10/10	11/10	12/10	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11
Maximum leakage	0.010	0.093	0.049	0.054	0.051	0.076	0.048	0.042	0.040	0.036	0.059	0.035
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.9	0.5	0.5	0.5	0.8	0.5	0.4	0.4	0.4	0.6	0.4
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	0.041	0.031	0.052	0.050	0.029	0.105	0.308	0.350	0.349	0.314	0.308	0.275
Technical specification limit	10.0	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	0.5	0.5	0.3	1.1	3.1	3.5	3.5	3.1	3.1	2.8

Licensee Comments:

6/12: April RCS Activity data not available because of U1 Outage

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

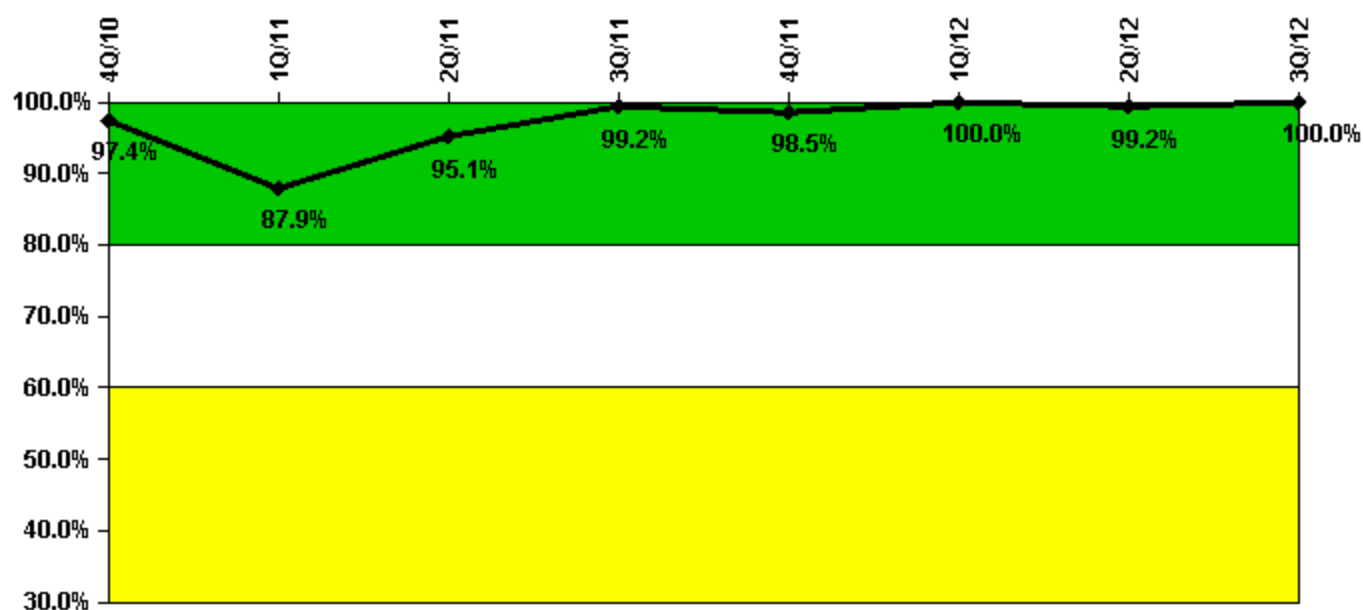
Notes

Drill/Exercise Performance	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Successful opportunities	11.0	31.0	59.0	55.0	28.0	39.0	14.0	62.0
Total opportunities	11.0	34.0	61.0	56.0	28.0	40.0	15.0	64.0
Indicator value	93.9%	94.7%	94.8%	95.3%	95.6%	95.9%	96.5%	96.8%

Licensee Comments:

1Q/12: Data changed due to an entry error at the site.

ERO Drill Participation



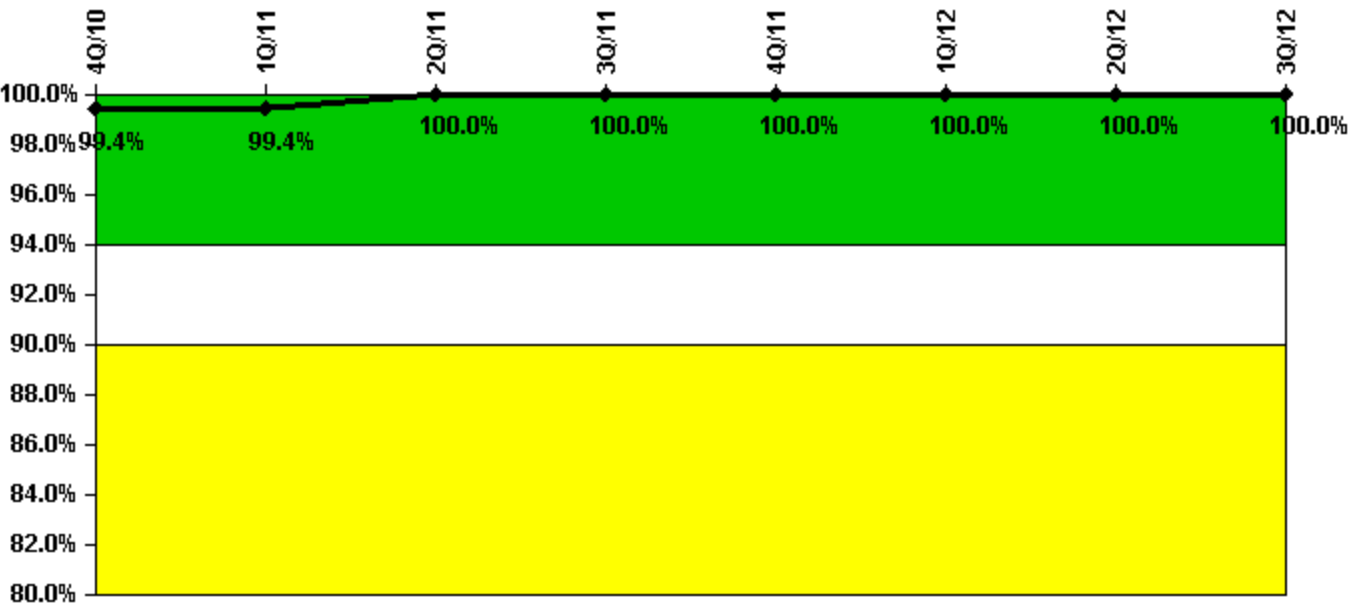
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Participating Key personnel	111.0	109.0	116.0	128.0	134.0	130.0	127.0	123.0
Total Key personnel	114.0	124.0	122.0	129.0	136.0	130.0	128.0	123.0
Indicator value	97.4%	87.9%	95.1%	99.2%	98.5%	100.0%	99.2%	100.0%

Licensee Comments: none

Alert & Notification System



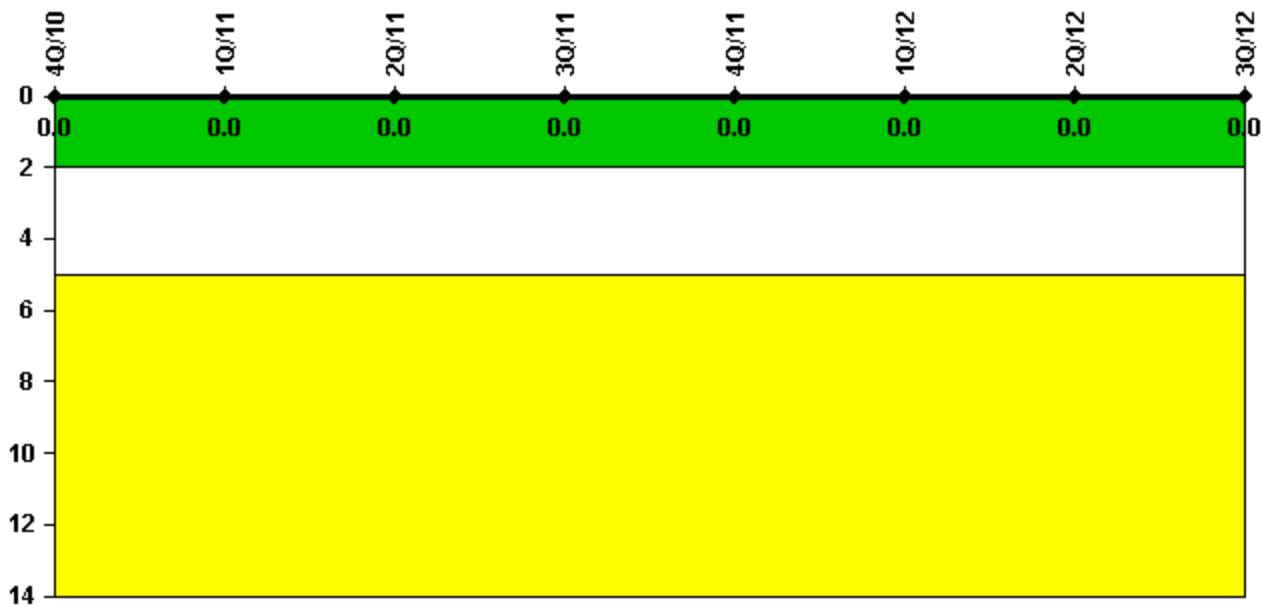
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Successful siren-tests	42	39	42	42	42	42	42	39
Total sirens-tests	42	39	42	42	42	42	42	39
Indicator value	99.4%	99.4%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



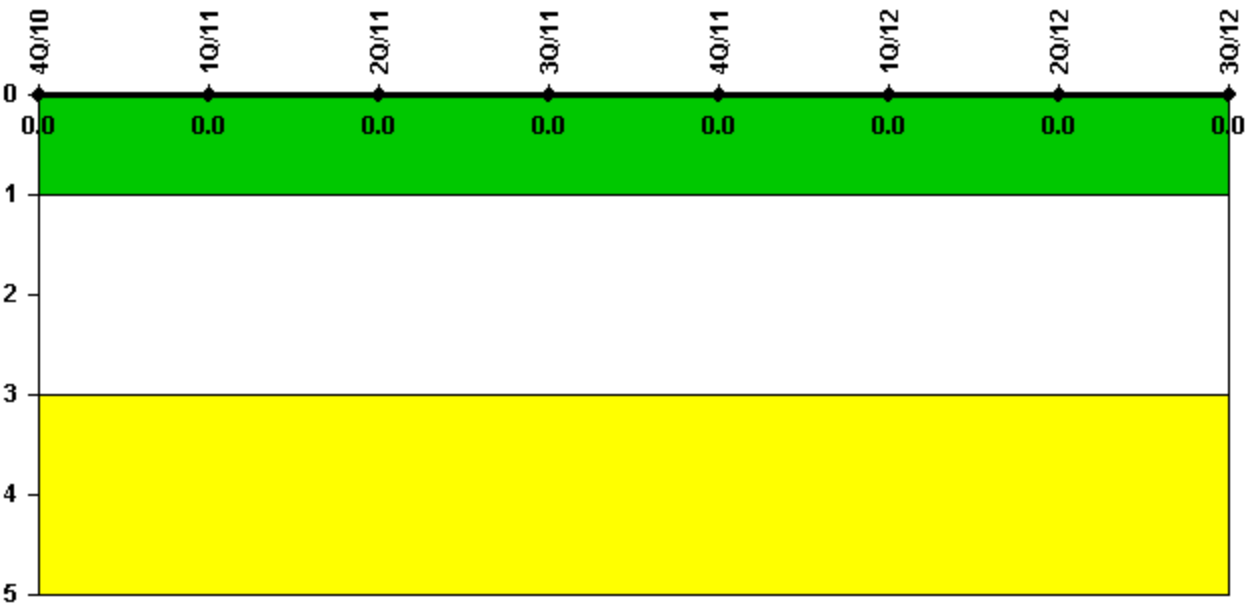
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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](#)

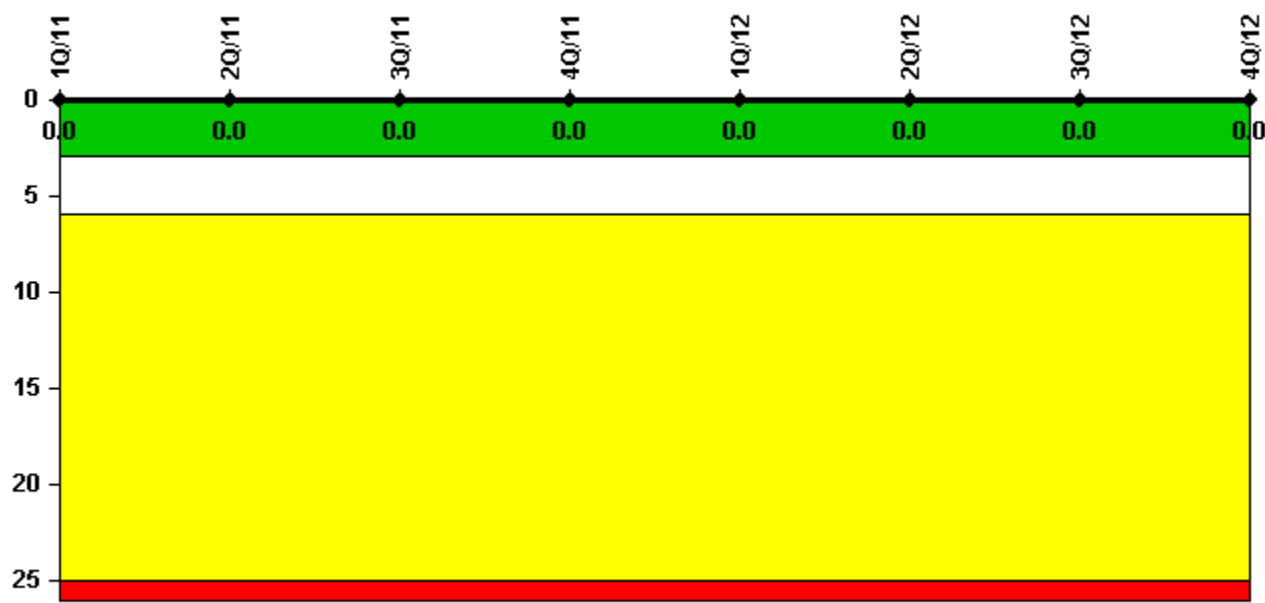
Last Modified: October 24, 2012

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4Q/2012 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



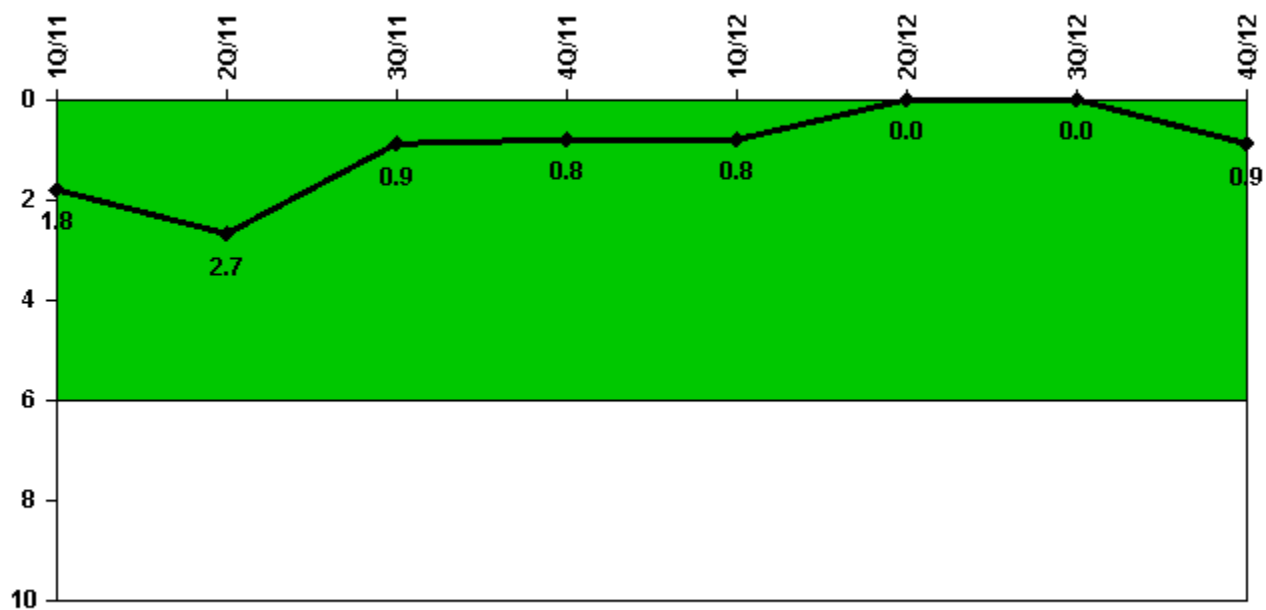
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	2093.0	1606.2	2141.1	2209.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



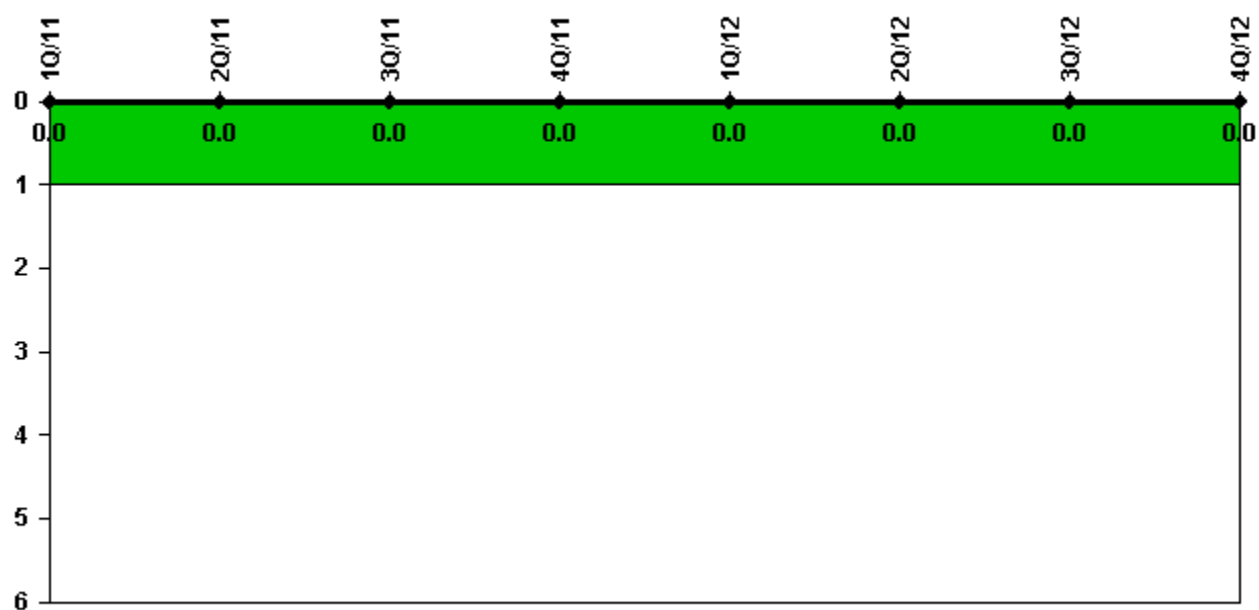
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Unplanned power changes	0	1.0	0	0	0	0	0	1.0
Critical hours	2159.0	2184.0	2208.0	2209.0	2093.0	1606.2	2141.1	2209.0
Indicator value	1.8	2.7	0.9	0.8	0.8	0	0	0.9

Licensee Comments: none

Unplanned Scrams with Complications



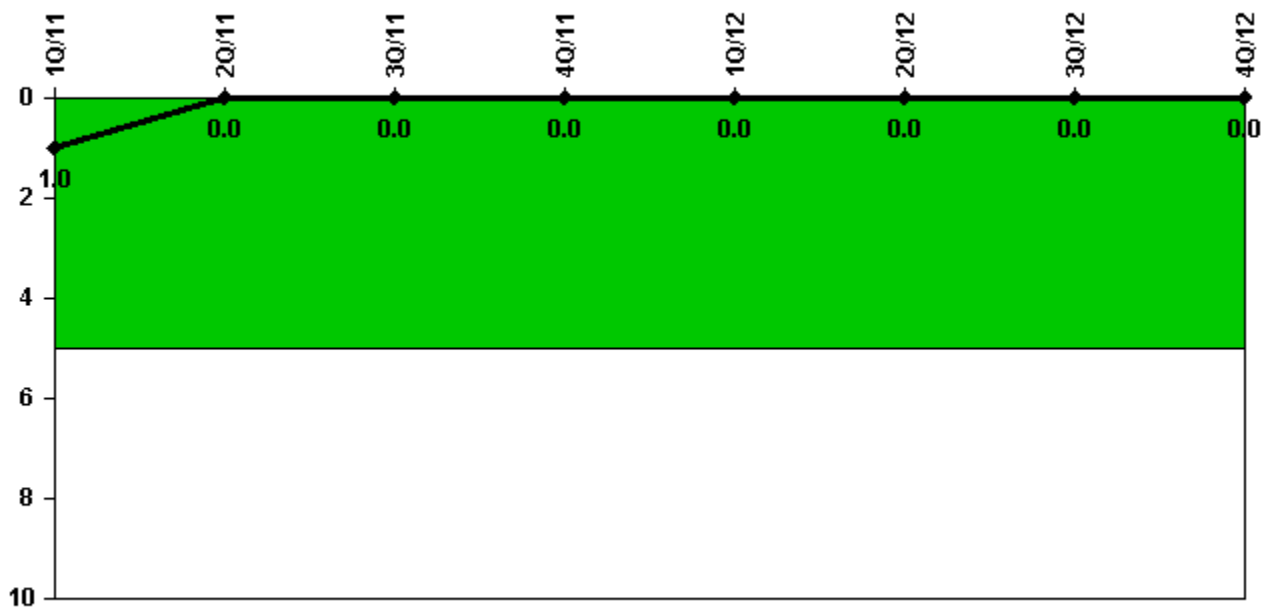
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



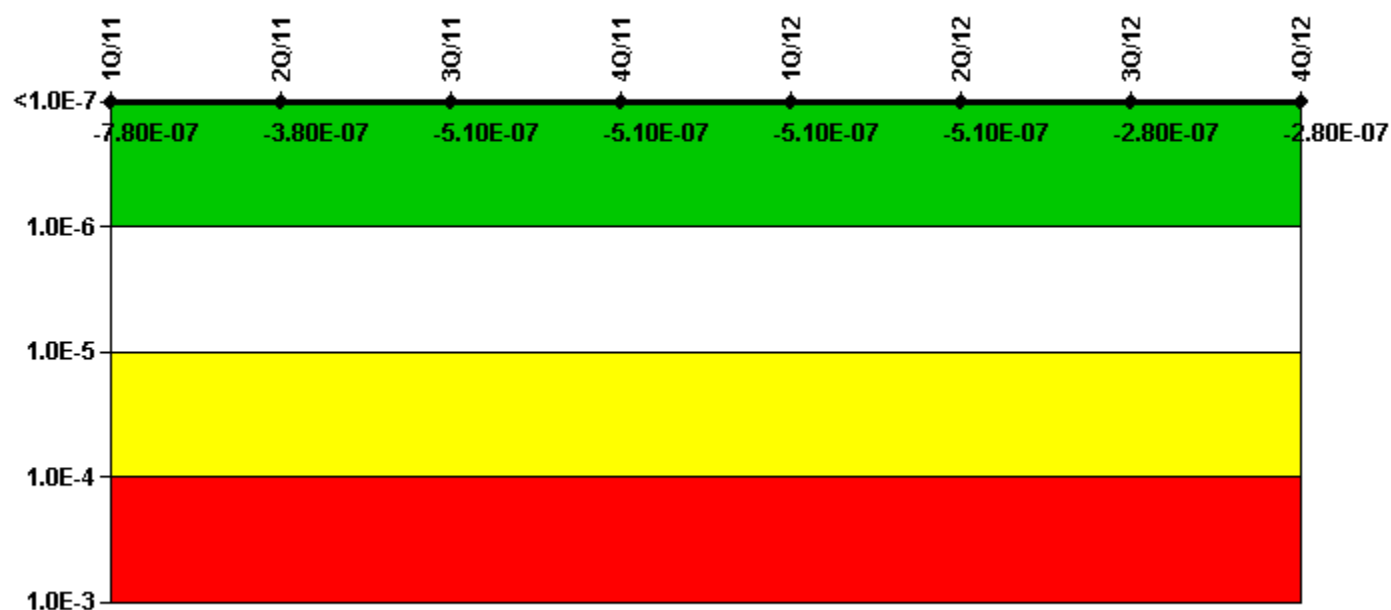
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
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



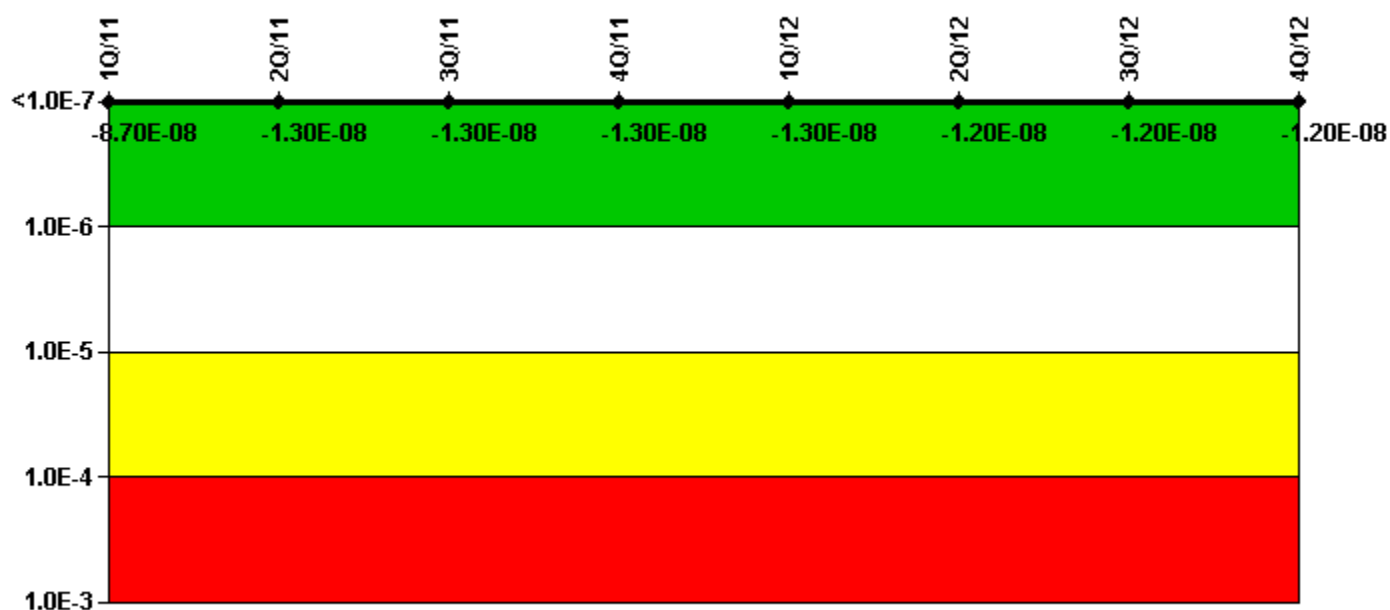
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (Δ CDF)	1.60E-07	1.16E-07	-2.66E-08	-2.66E-08	-2.68E-08	-2.57E-08	3.51E-08	3.51E-08
URI (Δ CDF)	-9.40E-07	-4.93E-07	-4.88E-07	-4.88E-07	-4.87E-07	-4.87E-07	-3.19E-07	-3.19E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-7.80E-07	-3.80E-07	-5.10E-07	-5.10E-07	-5.10E-07	-5.10E-07	-2.80E-07	-2.80E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



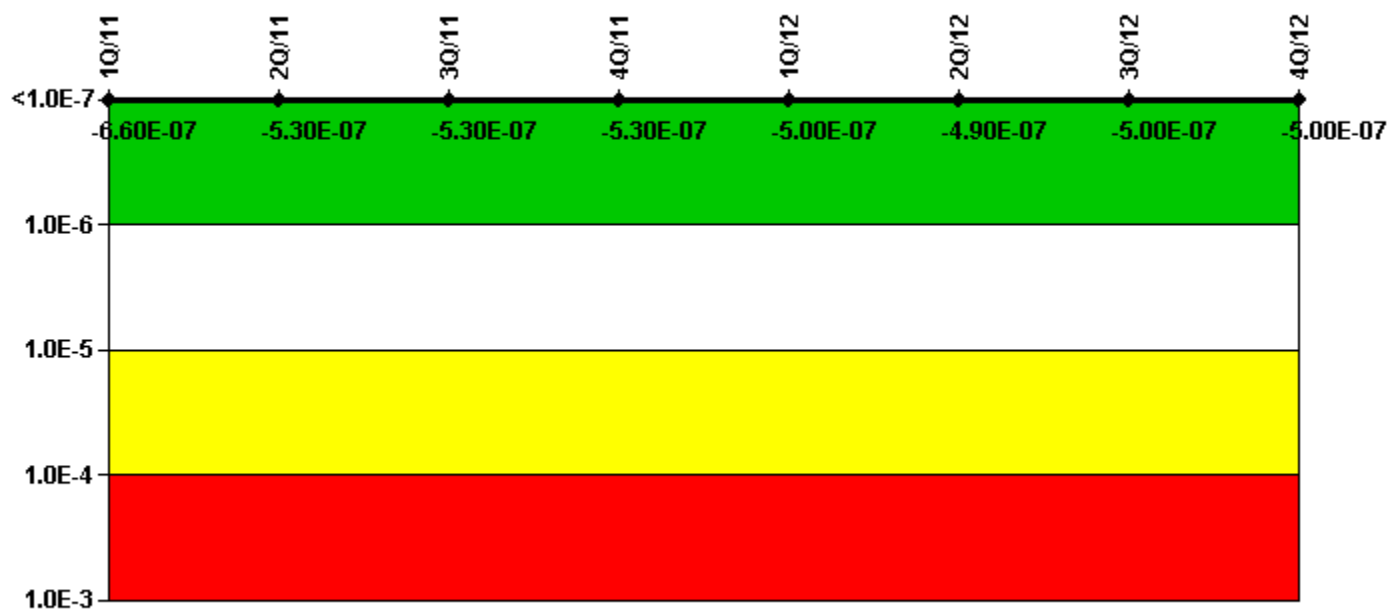
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (Δ CDF)	-3.52E-08	-8.61E-11	-4.90E-11	-3.26E-11	1.93E-11	6.68E-11	8.79E-11	9.13E-11
URI (Δ CDF)	-5.17E-08	-1.26E-08	-1.26E-08	-1.26E-08	-1.26E-08	-1.26E-08	-1.26E-08	-1.26E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-8.70E-08	-1.30E-08	-1.30E-08	-1.30E-08	-1.30E-08	-1.20E-08	-1.20E-08	-1.20E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



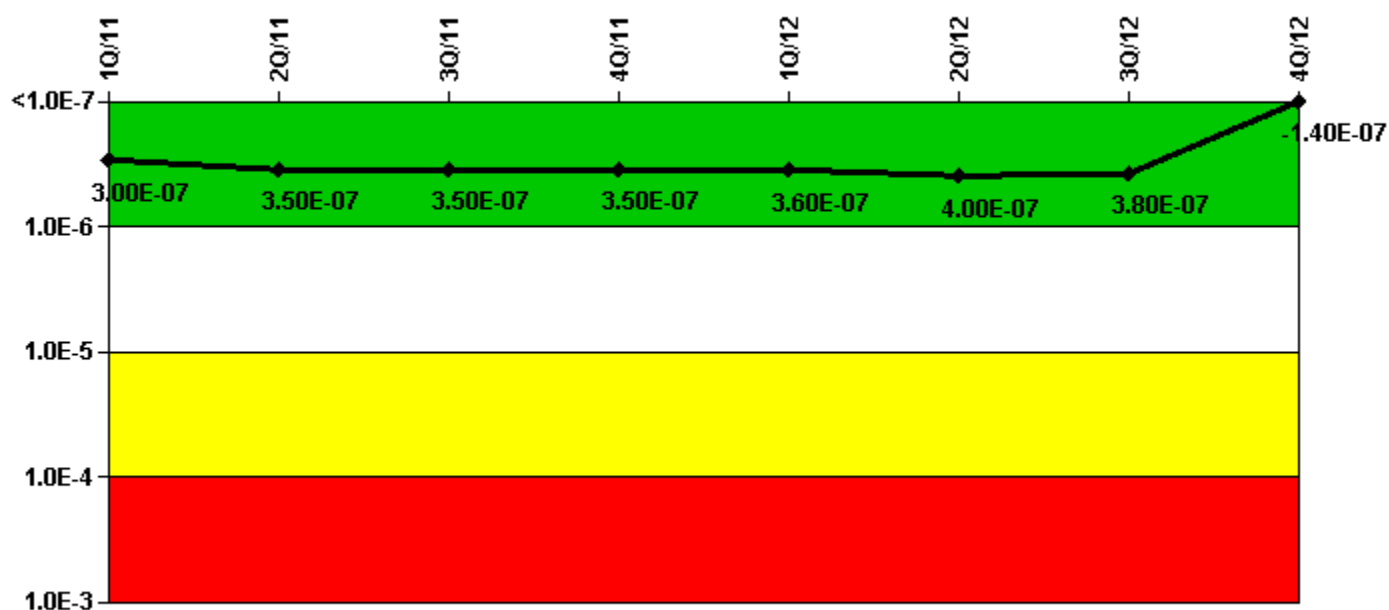
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (Δ CDF)	-1.52E-07	-1.14E-07	-1.13E-07	-1.19E-07	-9.03E-08	-8.31E-08	-8.71E-08	-8.71E-08
URI (Δ CDF)	-5.04E-07	-4.16E-07	-4.16E-07	-4.12E-07	-4.12E-07	-4.12E-07	-4.12E-07	-4.12E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.60E-07	-5.30E-07	-5.30E-07	-5.30E-07	-5.00E-07	-4.90E-07	-5.00E-07	-5.00E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (ΔCDF)	-1.22E-08	1.86E-09	1.52E-09	1.47E-09	1.45E-08	5.76E-08	3.56E-08	1.62E-08
URI (ΔCDF)	3.11E-07	3.45E-07	3.45E-07	3.45E-07	3.45E-07	3.45E-07	3.45E-07	-1.55E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.00E-07	3.50E-07	3.50E-07	3.50E-07	3.60E-07	4.00E-07	3.80E-07	-1.40E-07

Licensee Comments:

3Q/12: Risk Cap Invoked.

2Q/12: Risk Cap Invoked.

1Q/12: Risk Cap Invoked.

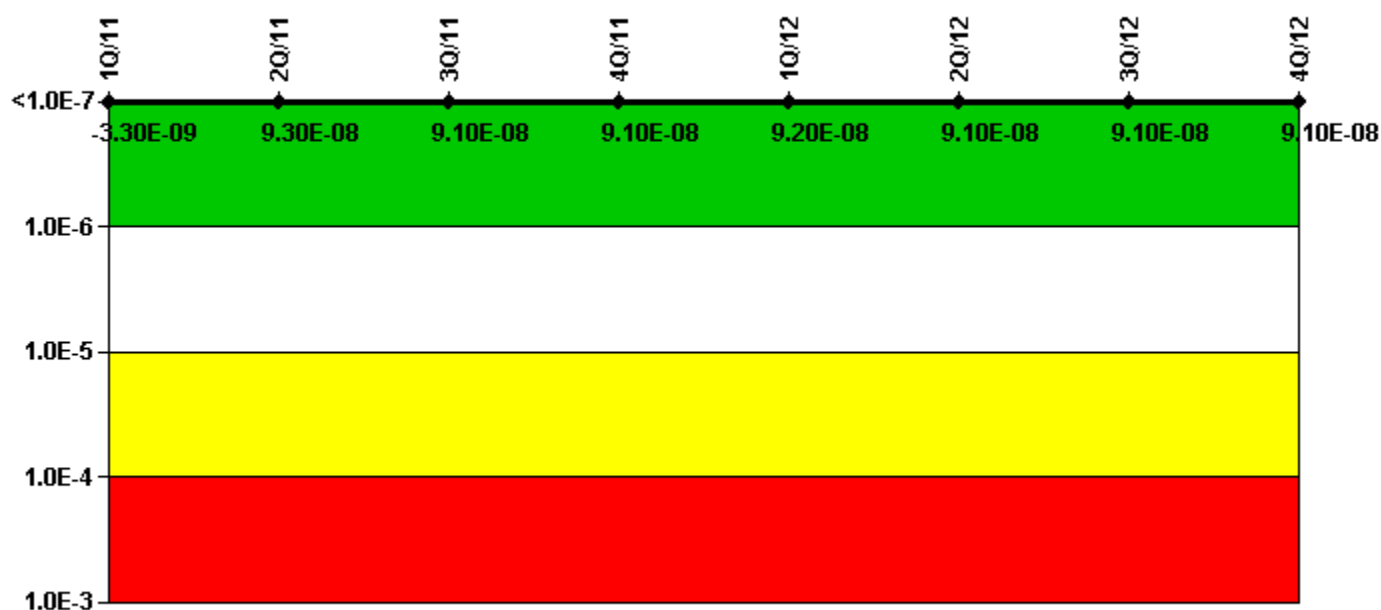
4Q/11: Risk Cap Invoked.

3Q/11: Risk Cap Invoked.

2Q/11: Risk Cap Invoked.

1Q/11: Risk Cap Invoked.

Mitigating Systems Performance Index, Cooling Water Systems



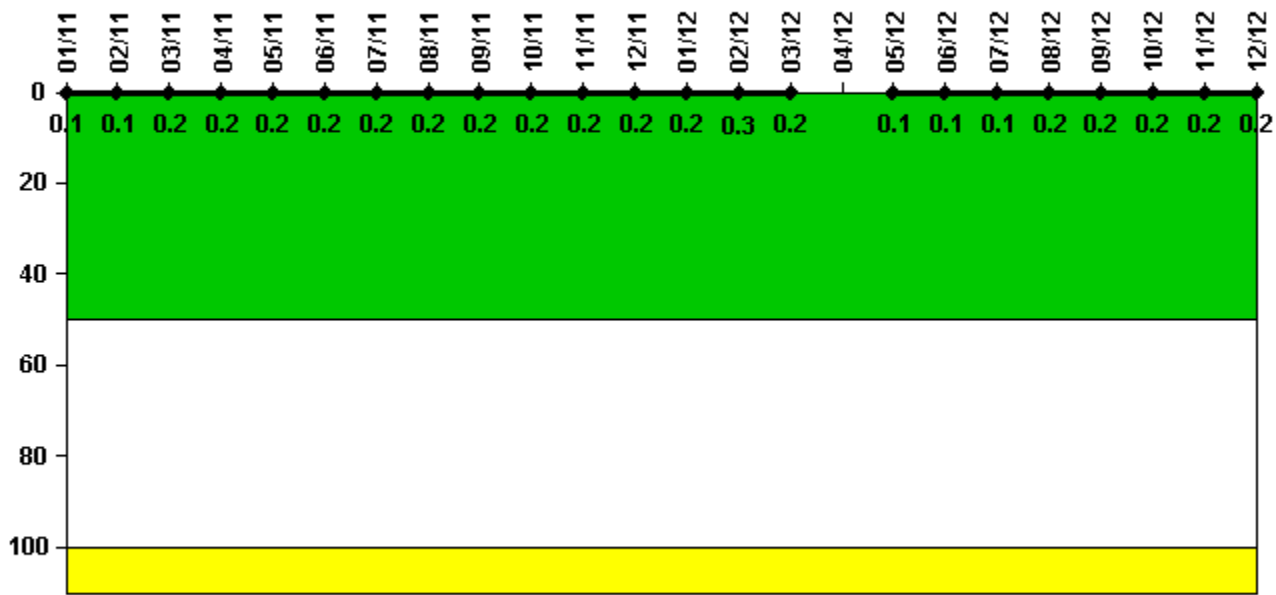
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (ΔCDF)	8.86E-08	2.31E-08	2.08E-08	2.11E-08	2.14E-08	2.13E-08	2.11E-08	2.11E-08
URI (ΔCDF)	-9.19E-08	7.02E-08	7.02E-08	7.02E-08	7.02E-08	7.02E-08	7.02E-08	7.02E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.30E-09	9.30E-08	9.10E-08	9.10E-08	9.20E-08	9.10E-08	9.10E-08	9.10E-08

Licensee Comments: none

Reactor Coolant System Activity



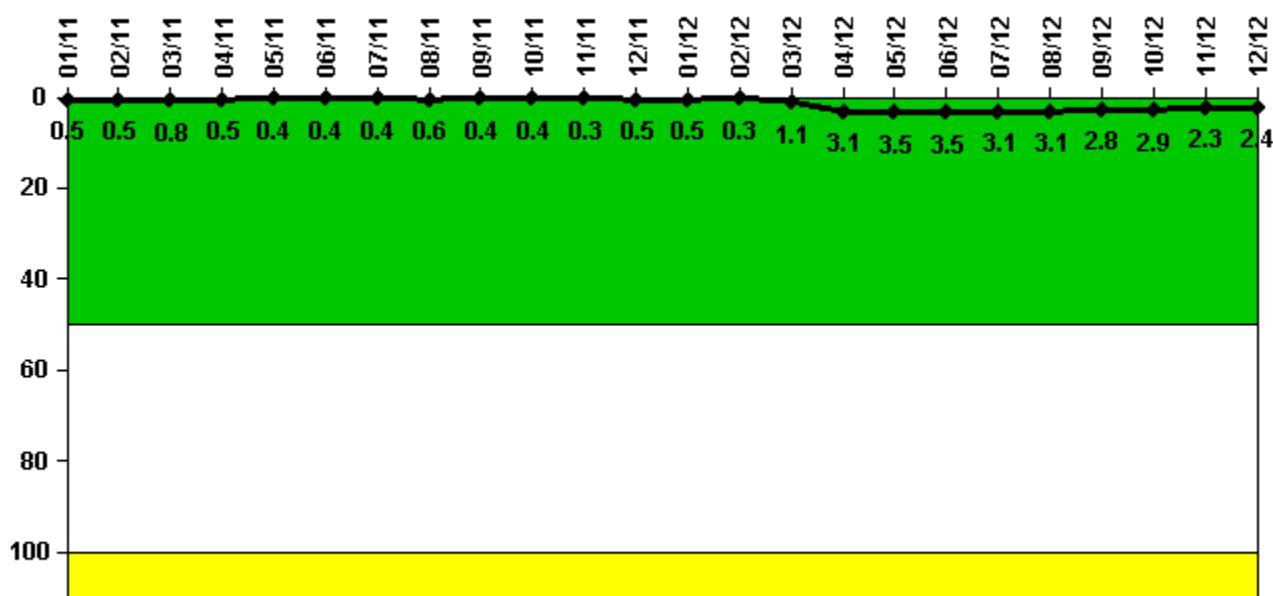
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11
Maximum activity	0.000721	0.000749	0.000782	0.000847	0.000884	0.000975	0.000958	0.000981	0.001110	0.001040	0.001150	0.001180
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Reactor Coolant System Activity	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	12/12
Maximum activity	0.001220	0.001280	0.001240	N/A	0.000614	0.000629	0.000730	0.000837	0.000819	0.000885	0.000929	0.001140
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.2	0.3	0.2	N/A	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

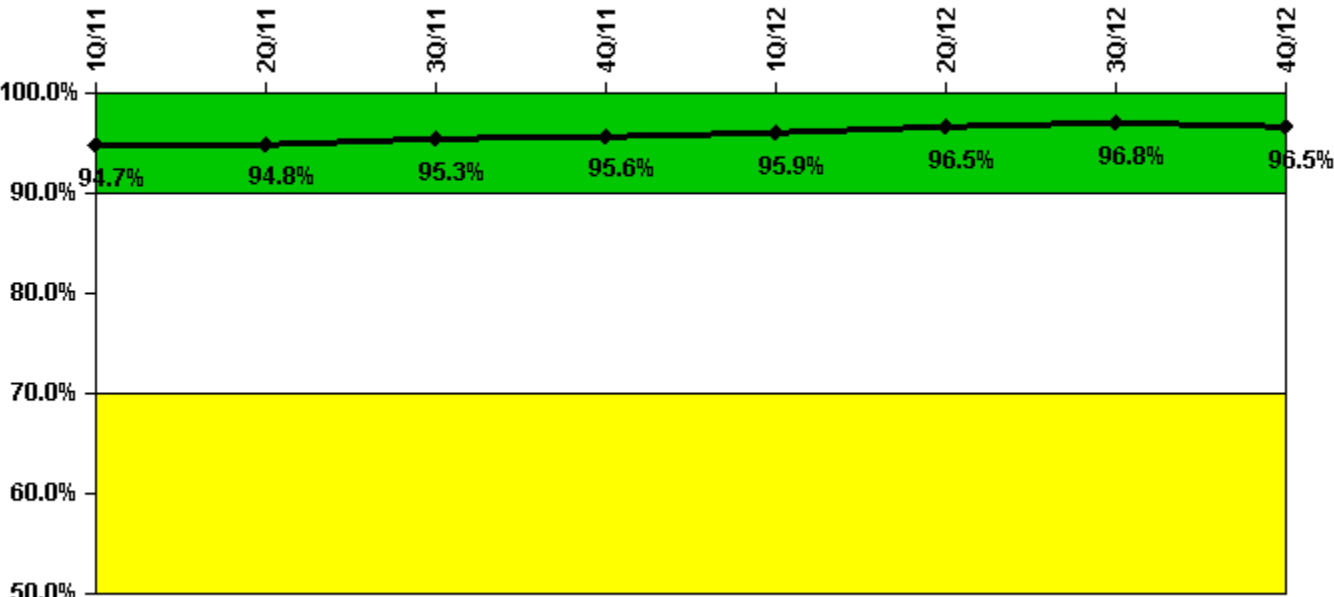
Notes

Reactor Coolant System Leakage	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11
Maximum leakage	0.054	0.051	0.076	0.048	0.042	0.040	0.036	0.059	0.035	0.041	0.031	0.052
Technical specification limit	10.0	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	0.8	0.5	0.4	0.4	0.4	0.6	0.4	0.4	0.3	0.5
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	0.050	0.029	0.105	0.308	0.350	0.349	0.314	0.308	0.275	0.292	0.232	0.235
Technical specification limit	10.0	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	0.3	1.1	3.1	3.5	3.5	3.1	3.1	2.8	2.9	2.3	2.4

Licensee Comments:

6/12: April RCS Activity data not available because of U1 Outage

Drill/Exercise Performance



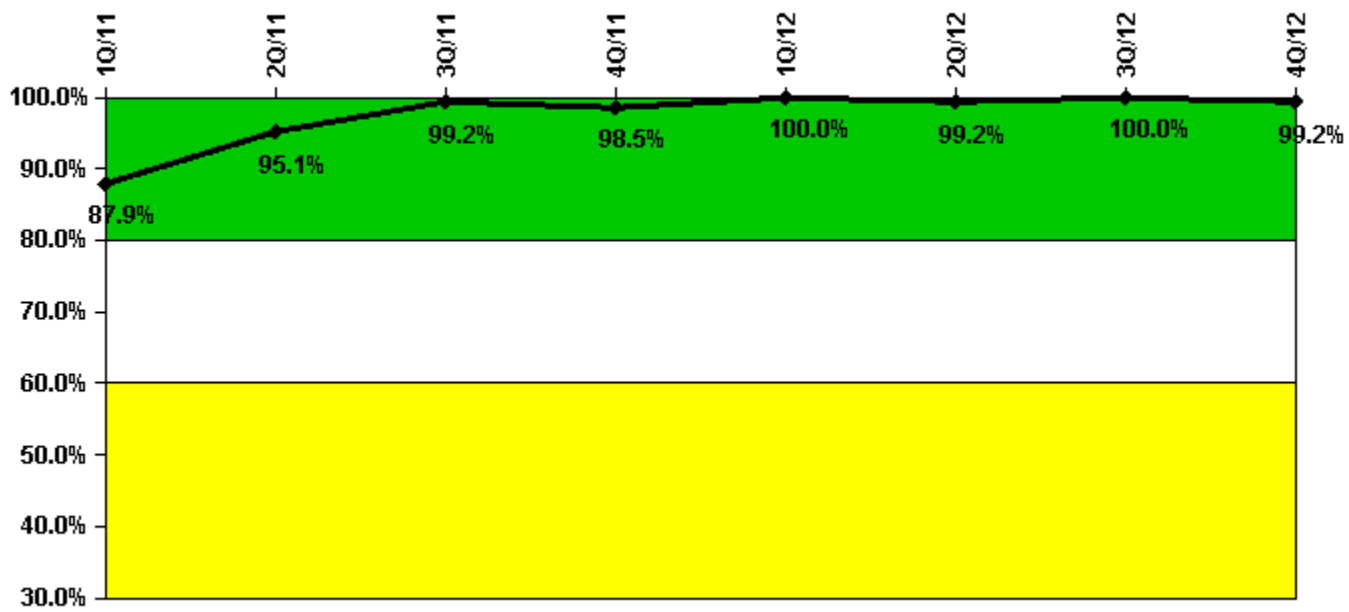
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Successful opportunities	31.0	59.0	55.0	28.0	39.0	14.0	62.0	45.0
Total opportunities	34.0	61.0	56.0	28.0	40.0	15.0	64.0	47.0
Indicator value	94.7%	94.8%	95.3%	95.6%	95.9%	96.5%	96.8%	96.5%

Licensee Comments:

1Q/12: Data changed due to an entry error at the site.

ERO Drill Participation

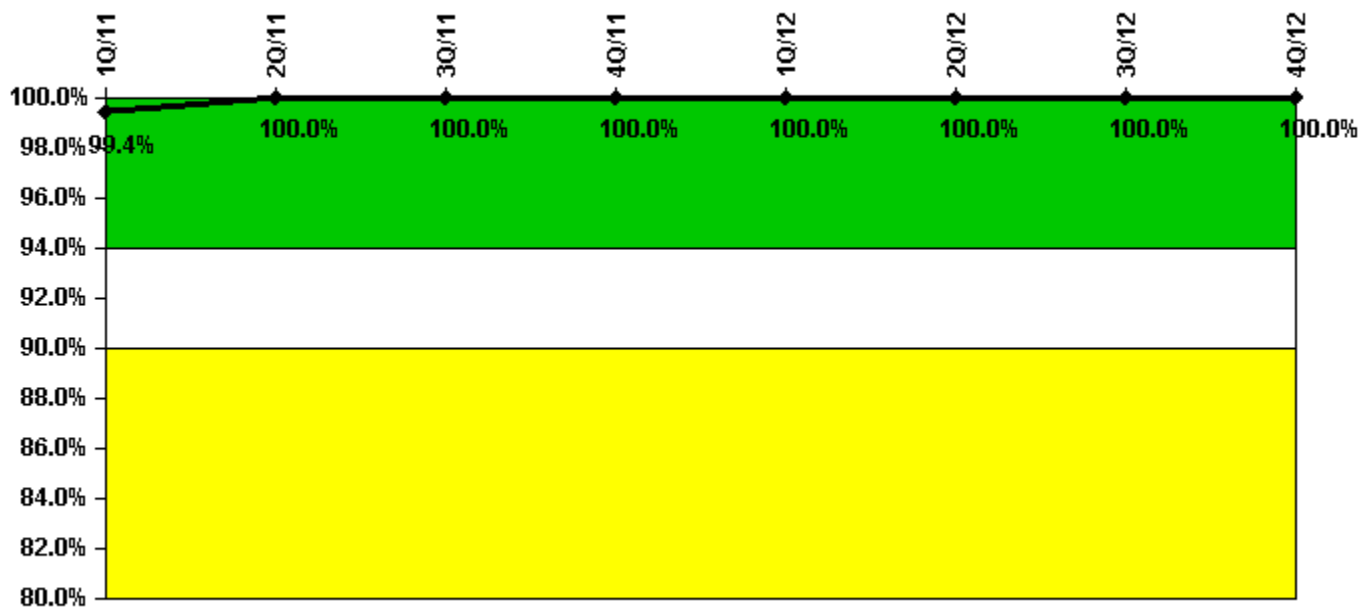
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Participating Key personnel	109.0	116.0	128.0	134.0	130.0	127.0	123.0	122.0
Total Key personnel	124.0	122.0	129.0	136.0	130.0	128.0	123.0	123.0
Indicator value	87.9%	95.1%	99.2%	98.5%	100.0%	99.2%	100.0%	99.2%

Licensee Comments: none

Alert & Notification System



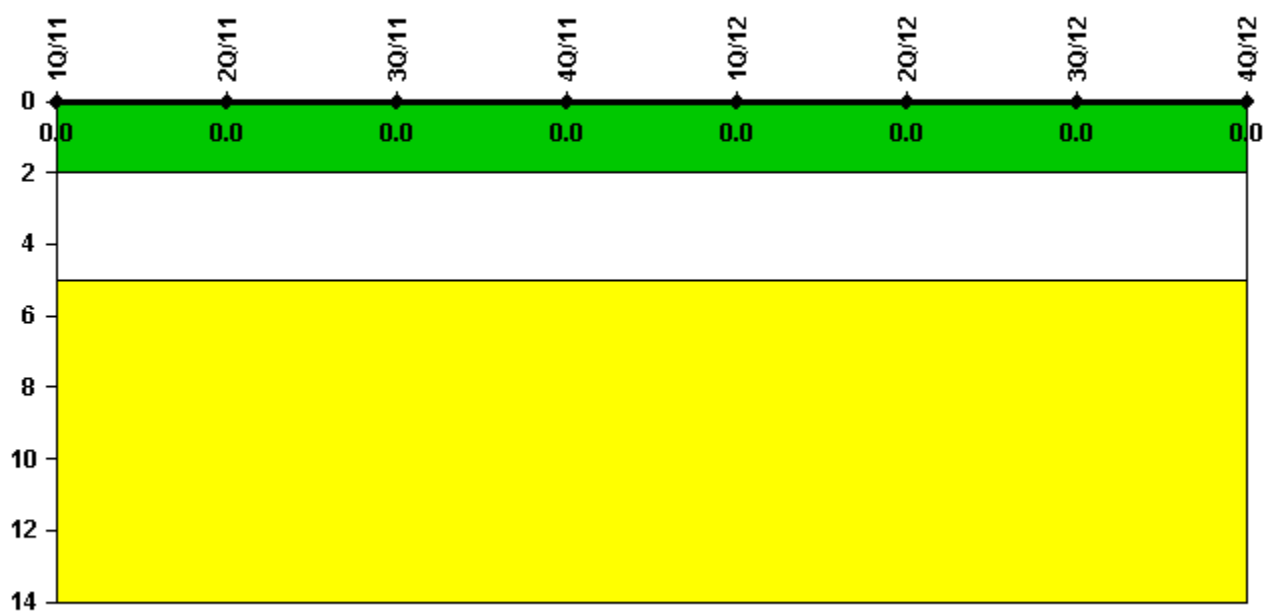
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Successful siren-tests	39	42	42	42	42	42	39	42
Total sirens-tests	39	42	42	42	42	42	39	42
Indicator value	99.4%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness

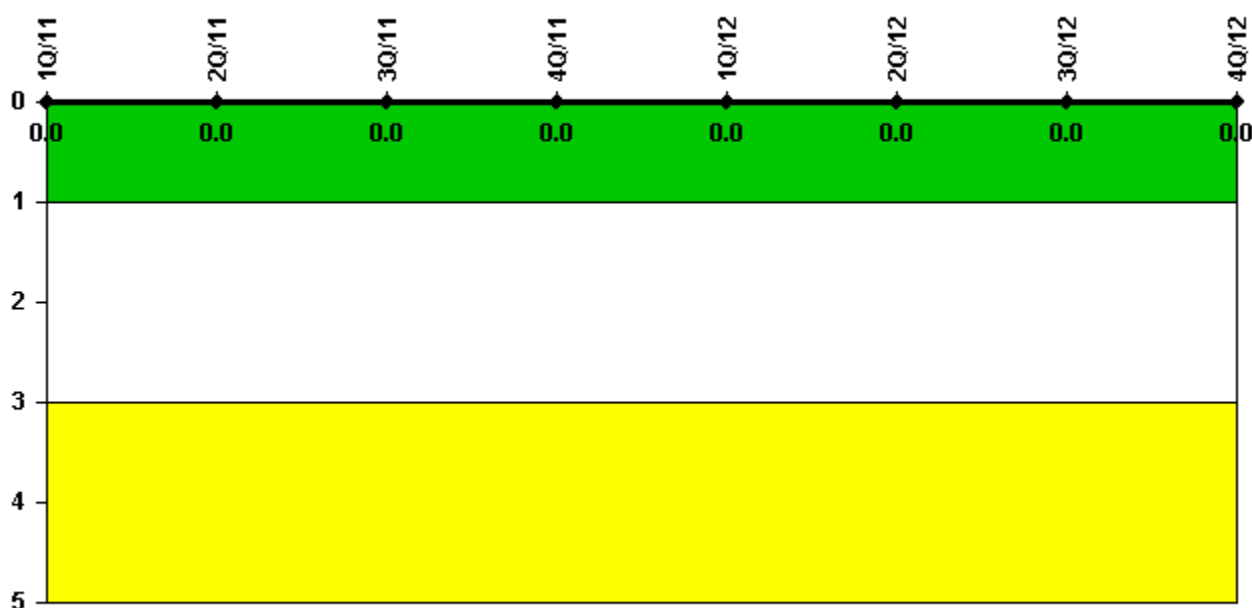


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/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

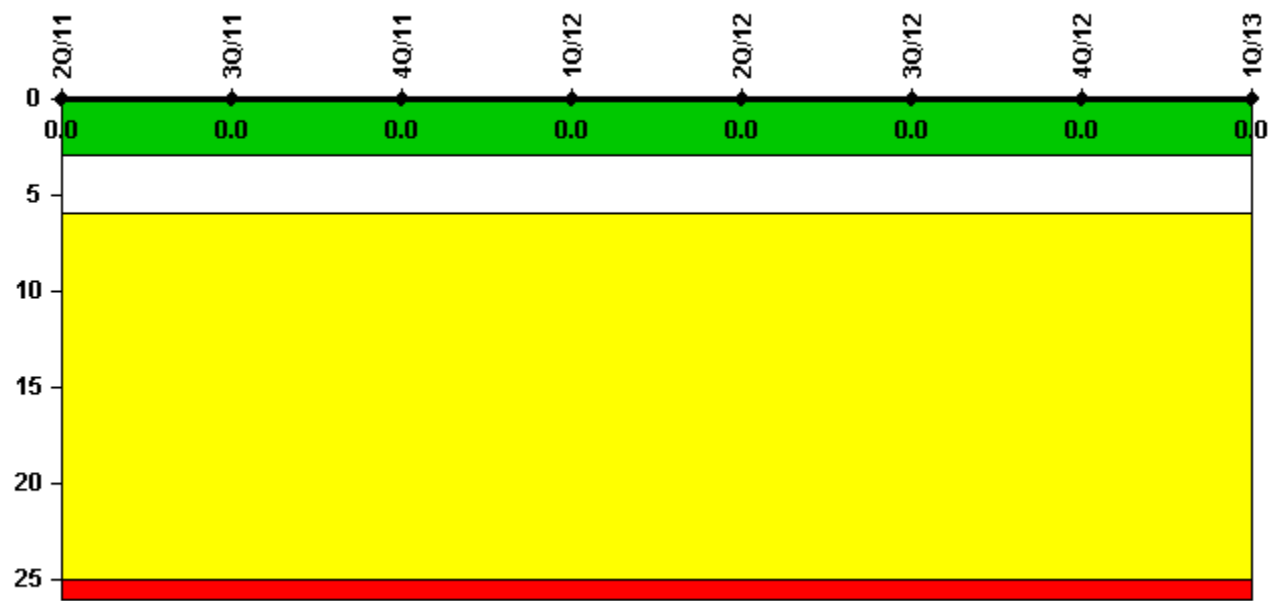
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1Q/2013 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



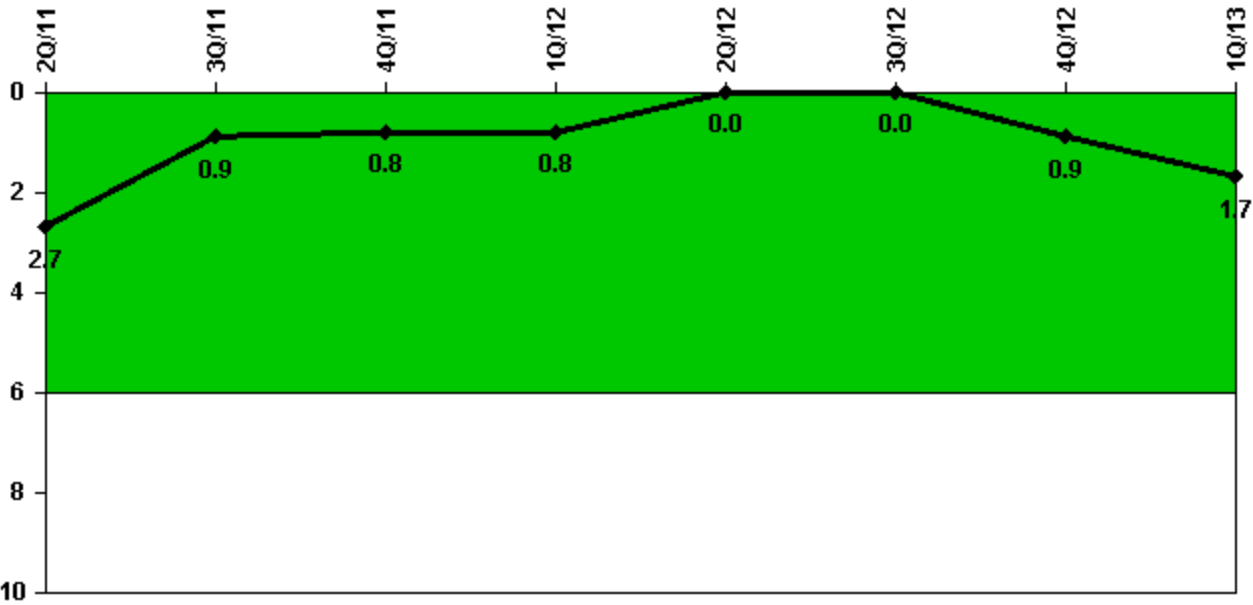
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	2093.0	1606.2	2141.1	2209.0	2159.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



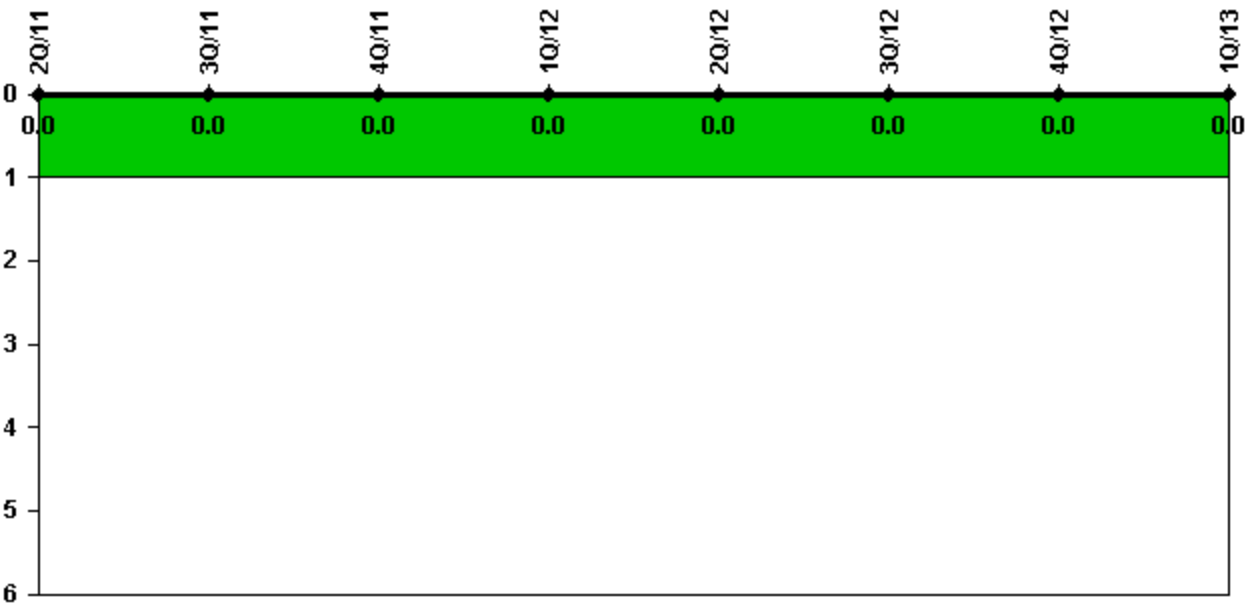
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Unplanned power changes	1.0	0	0	0	0	0	1.0	1.0
Critical hours	2184.0	2208.0	2209.0	2093.0	1606.2	2141.1	2209.0	2159.0
Indicator value	2.7	0.9	0.8	0.8	0	0	0.9	1.7

Licensee Comments: none

Unplanned Scrams with Complications



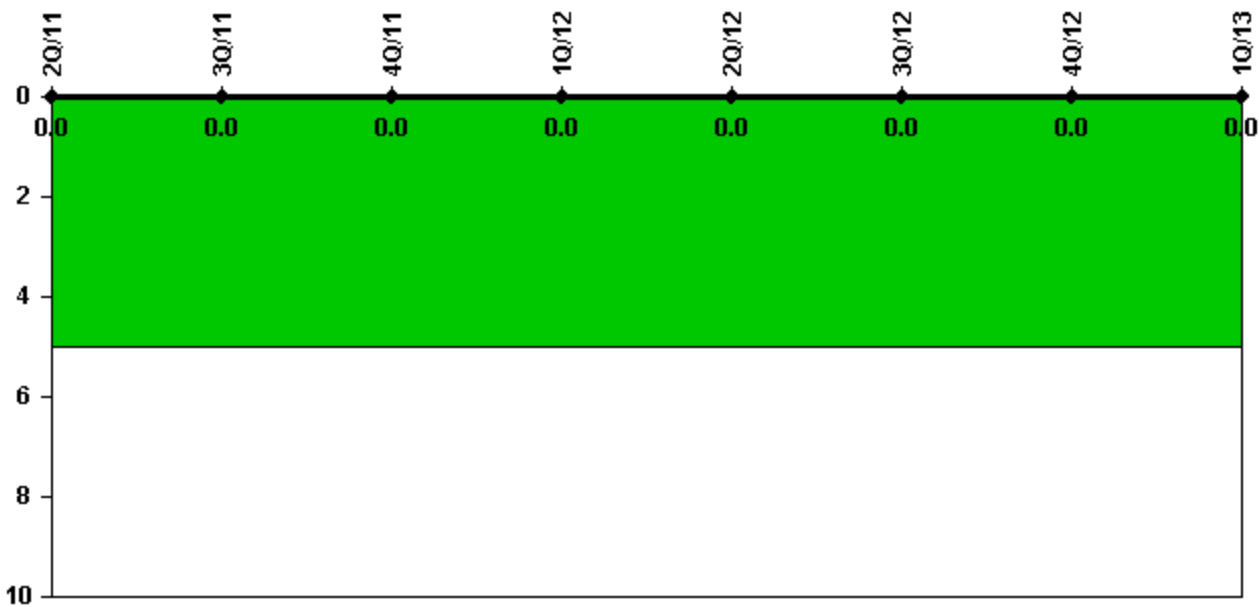
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



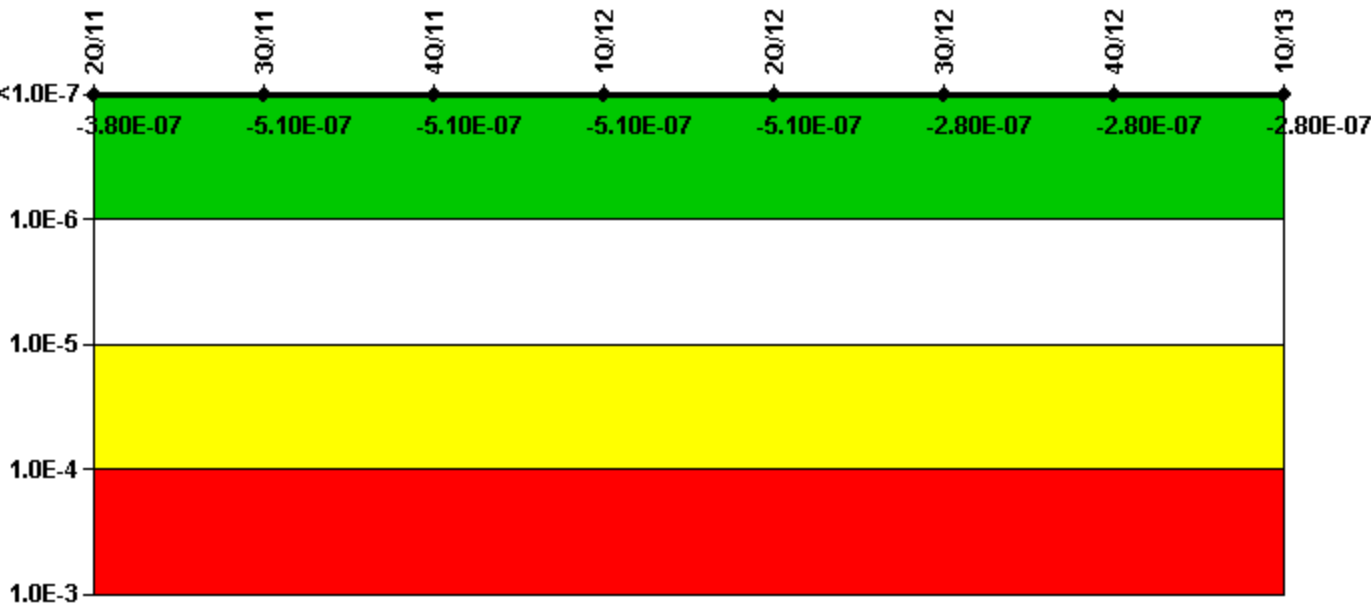
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
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

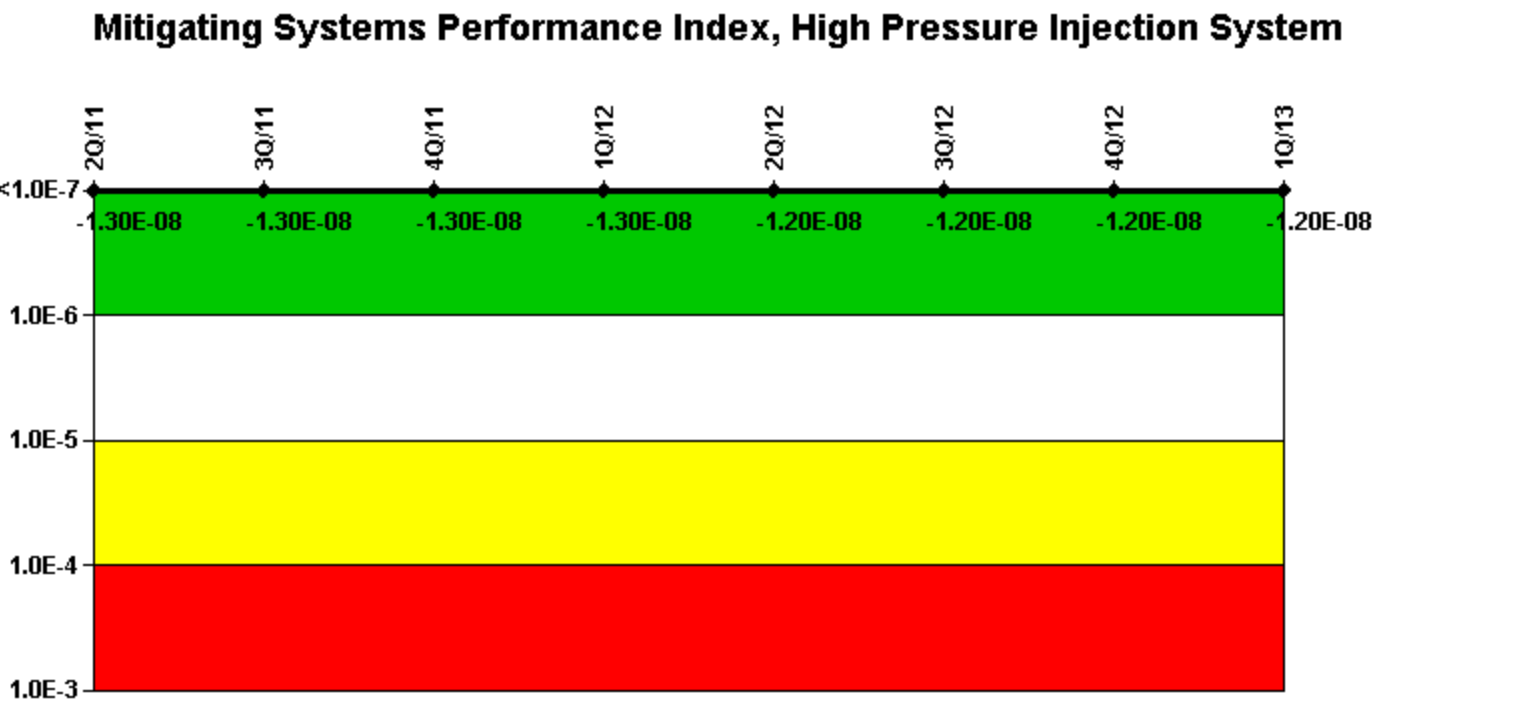


Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
UAI (ΔCDF)	1.16E-07	-2.66E-08	-2.66E-08	-2.68E-08	-2.57E-08	3.51E-08	3.51E-08	3.51E-08
URI (ΔCDF)	-4.93E-07	-4.88E-07	-4.88E-07	-4.87E-07	-4.87E-07	-3.19E-07	-3.19E-07	-3.19E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.80E-07	-5.10E-07	-5.10E-07	-5.10E-07	-5.10E-07	-2.80E-07	-2.80E-07	-2.80E-07

Licensee Comments: none



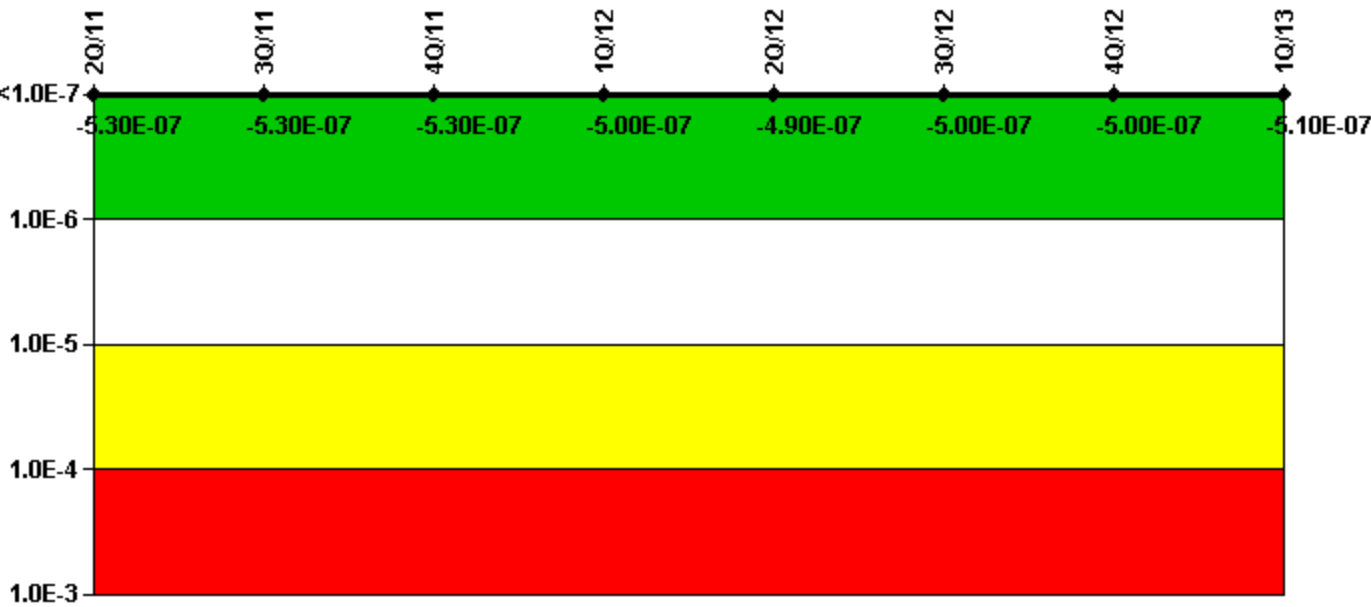
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (ΔCDF)	-8.61E-11	-4.90E-11	-3.26E-11	1.93E-11	6.68E-11	8.79E-11	9.13E-11	1.10E-10
URI (ΔCDF)	-1.26E-08	-1.26E-08	-1.26E-08	-1.26E-08	-1.26E-08	-1.26E-08	-1.26E-08	-1.26E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.30E-08	-1.30E-08	-1.30E-08	-1.30E-08	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



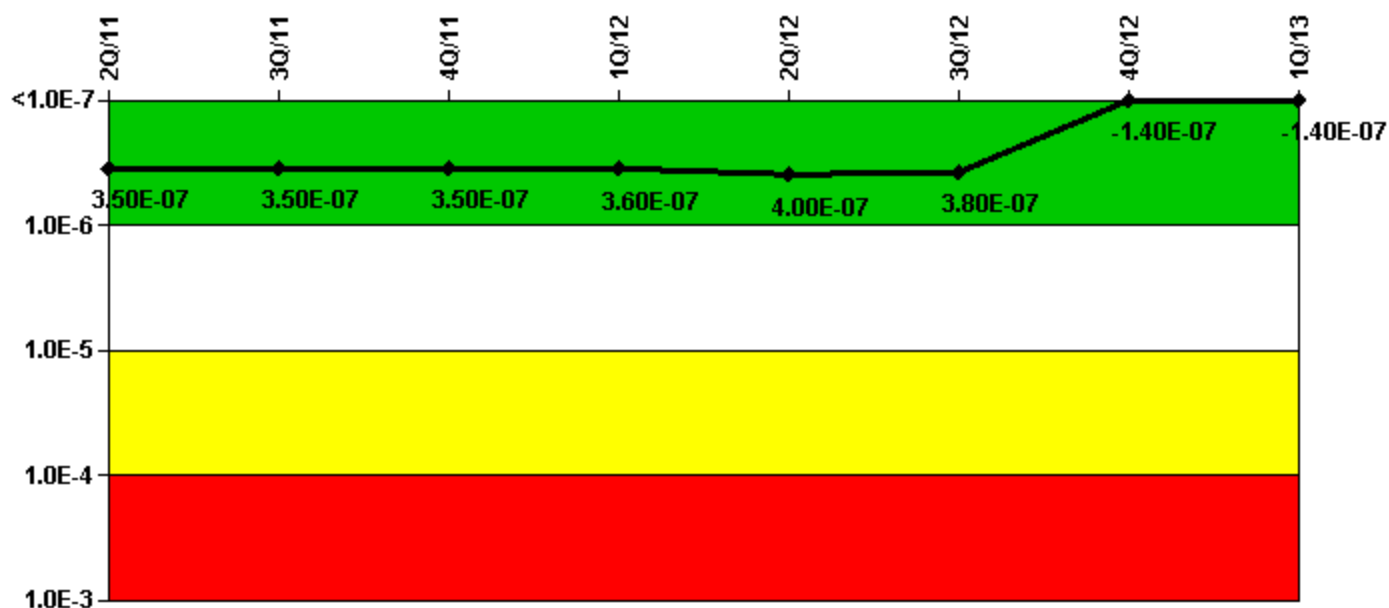
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
UAI (ΔCDF)	-1.14E-07	-1.13E-07	-1.19E-07	-9.03E-08	-8.31E-08	-8.71E-08	-8.71E-08	-9.46E-08
URI (ΔCDF)	-4.16E-07	-4.16E-07	-4.12E-07	-4.12E-07	-4.12E-07	-4.12E-07	-4.12E-07	-4.12E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.30E-07	-5.30E-07	-5.30E-07	-5.00E-07	-4.90E-07	-5.00E-07	-5.00E-07	-5.10E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
UAI (Δ CDF)	1.86E-09	1.52E-09	1.47E-09	1.45E-08	5.76E-08	3.56E-08	1.62E-08	1.51E-08
URI (Δ CDF)	3.45E-07	3.45E-07	3.45E-07	3.45E-07	3.45E-07	3.45E-07	-1.55E-07	-1.55E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.50E-07	3.50E-07	3.50E-07	3.60E-07	4.00E-07	3.80E-07	-1.40E-07	-1.40E-07

Licensee Comments:

3Q/12: Risk Cap Invoked.

2Q/12: Risk Cap Invoked.

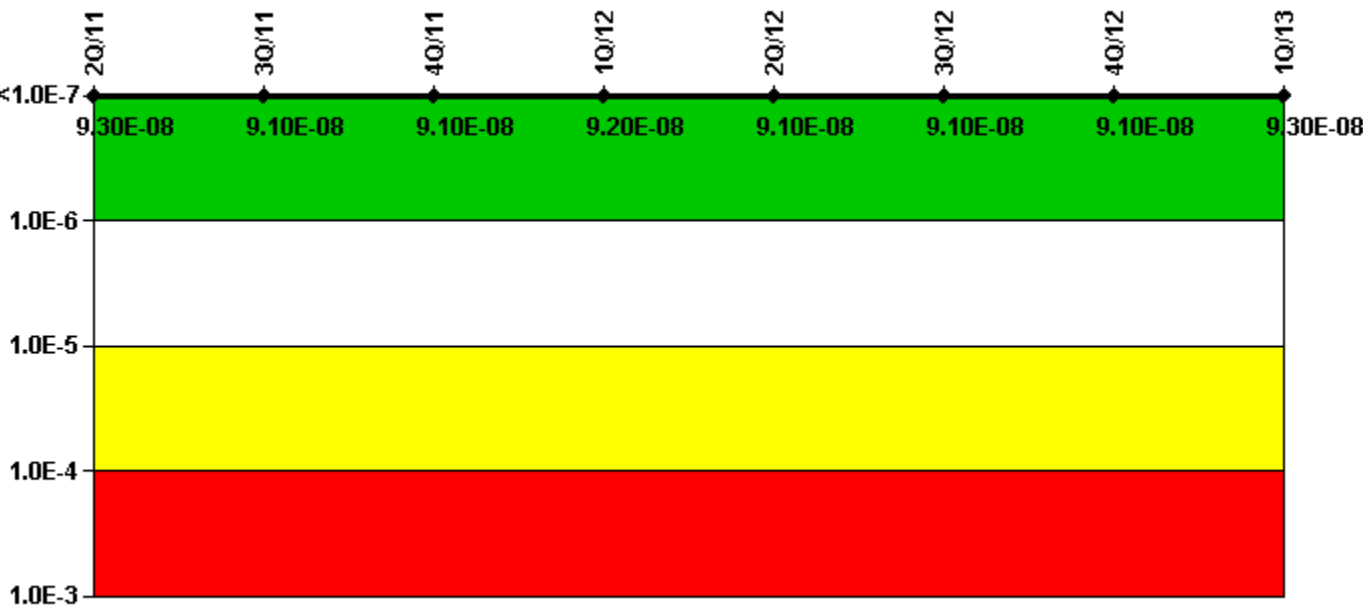
1Q/12: Risk Cap Invoked.

4Q/11: Risk Cap Invoked.

3Q/11: Risk Cap Invoked.

2Q/11: Risk Cap Invoked.

Mitigating Systems Performance Index, Cooling Water Systems



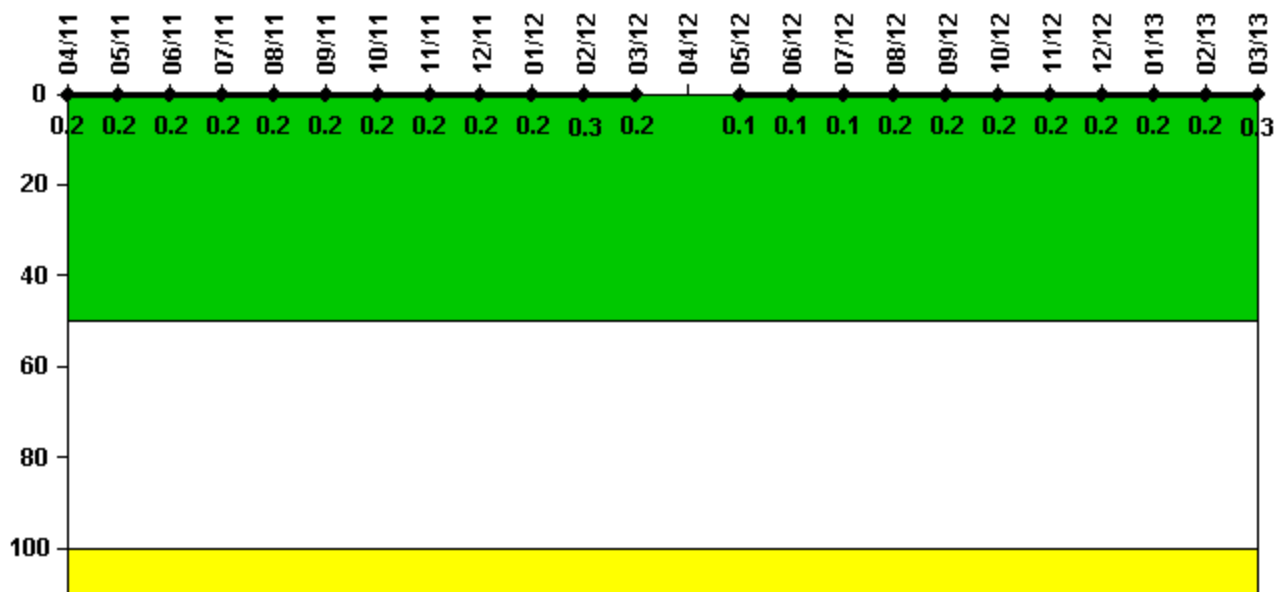
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (ΔCDF)	2.31E-08	2.08E-08	2.11E-08	2.14E-08	2.13E-08	2.11E-08	2.11E-08	2.24E-08
URI (ΔCDF)	7.02E-08	7.02E-08	7.02E-08	7.02E-08	7.02E-08	7.02E-08	7.02E-08	7.02E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	9.30E-08	9.10E-08	9.10E-08	9.20E-08	9.10E-08	9.10E-08	9.10E-08	9.30E-08

Licensee Comments: none

Reactor Coolant System Activity



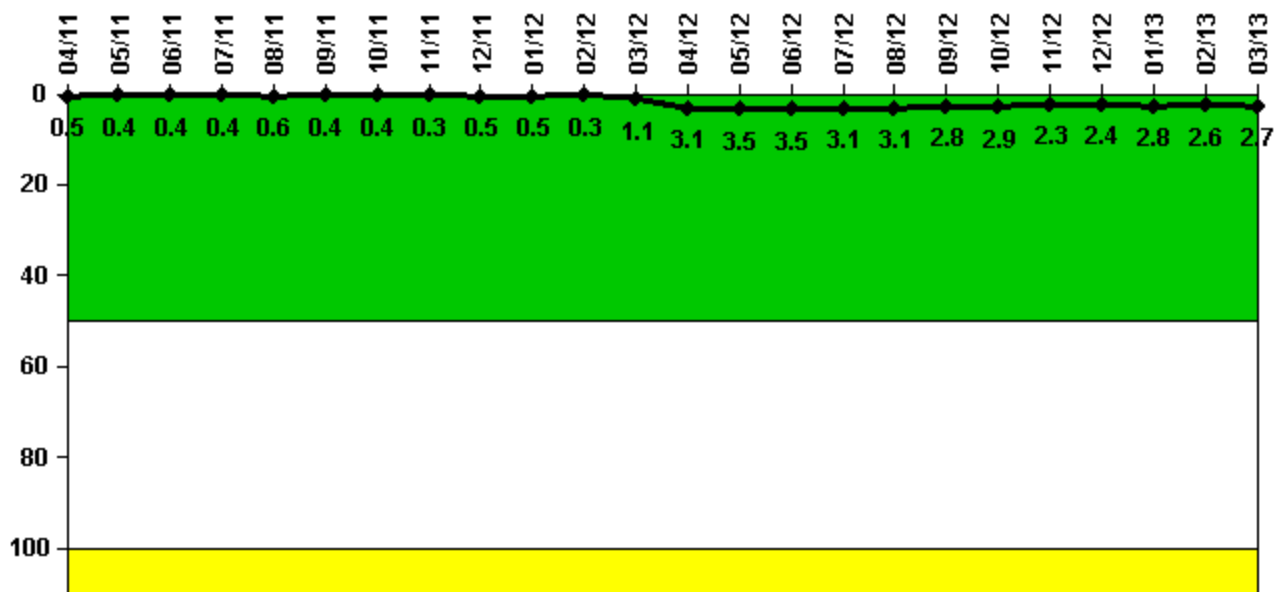
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12
Maximum activity	0.000847	0.000884	0.000975	0.000958	0.000981	0.001110	0.001040	0.001150	0.001180	0.001220	0.001280	0.001240
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2
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	N/A	0.000614	0.000629	0.000730	0.000837	0.000819	0.000885	0.000929	0.001140	0.001110	0.001220	0.001260
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	N/A	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

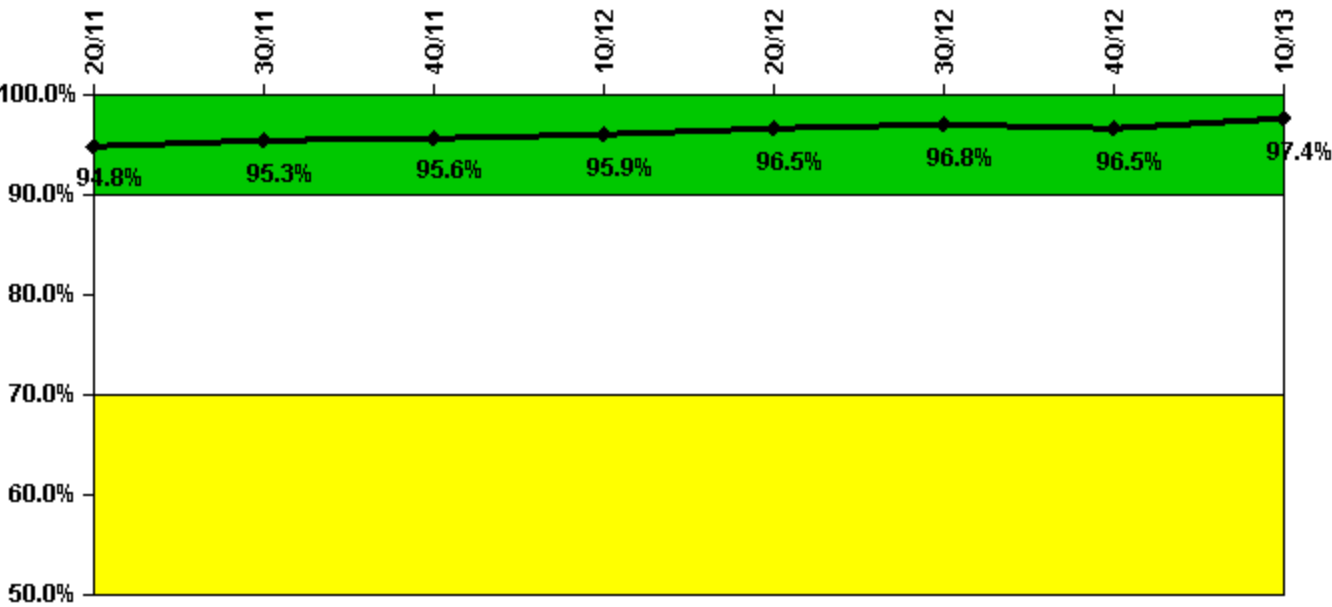
Notes

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	0.048	0.042	0.040	0.036	0.059	0.035	0.041	0.031	0.052	0.050	0.029	0.105
Technical specification limit	10.0	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	0.4	0.4	0.4	0.6	0.4	0.4	0.3	0.5	0.5	0.3	1.1
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	0.308	0.350	0.349	0.314	0.308	0.275	0.292	0.232	0.235	0.278	0.256	0.270
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	3.1	3.5	3.5	3.1	3.1	2.8	2.9	2.3	2.4	2.8	2.6	2.7

Licensee Comments:

6/12: April RCS Activity data not available because of U1 Outage

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

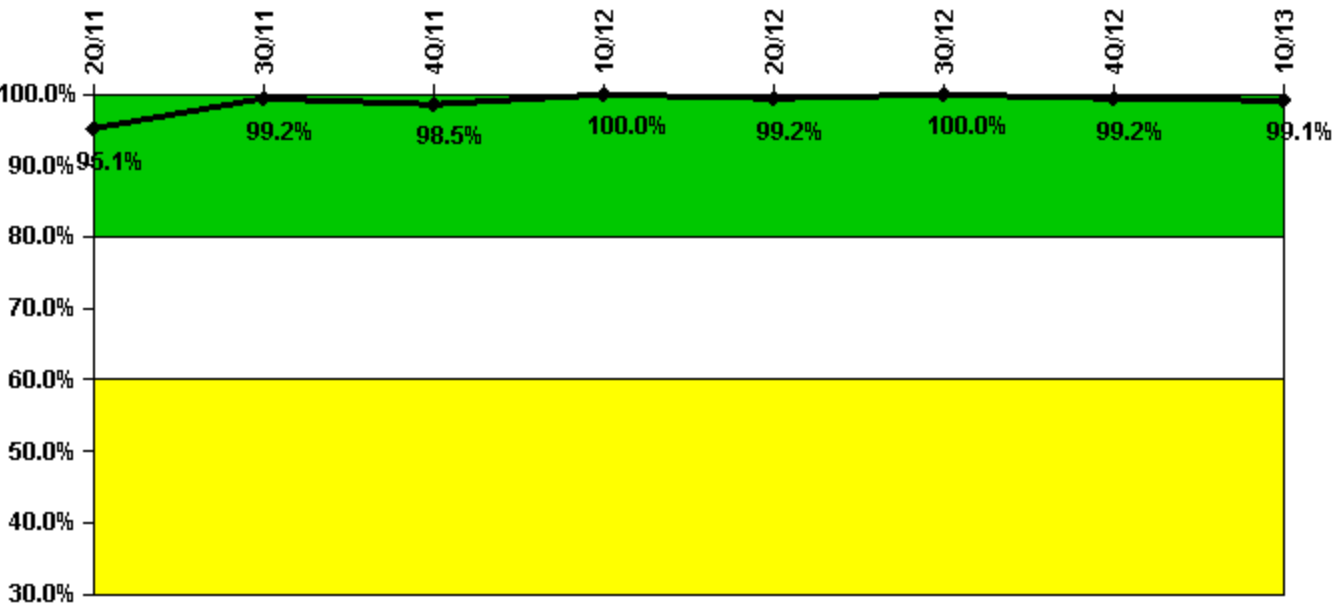
Notes

Drill/Exercise Performance	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Successful opportunities	59.0	55.0	28.0	39.0	14.0	62.0	45.0	40.0
Total opportunities	61.0	56.0	28.0	40.0	15.0	64.0	47.0	40.0
Indicator value	94.8%	95.3%	95.6%	95.9%	96.5%	96.8%	96.5%	97.4%

Licensee Comments:

1Q/12: Data changed due to an entry error at the site.

ERO Drill Participation



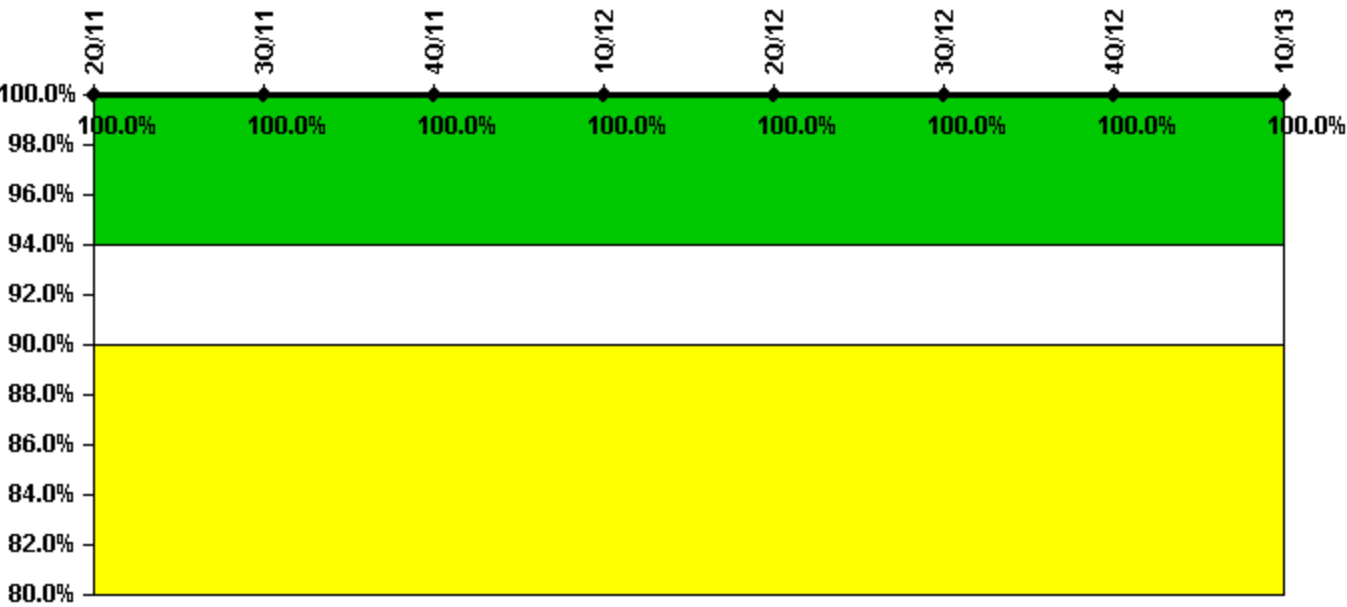
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Participating Key personnel	116.0	128.0	134.0	130.0	127.0	123.0	122.0	108.0
Total Key personnel	122.0	129.0	136.0	130.0	128.0	123.0	123.0	109.0
Indicator value	95.1%	99.2%	98.5%	100.0%	99.2%	100.0%	99.2%	99.1%

Licensee Comments: none

Alert & Notification System



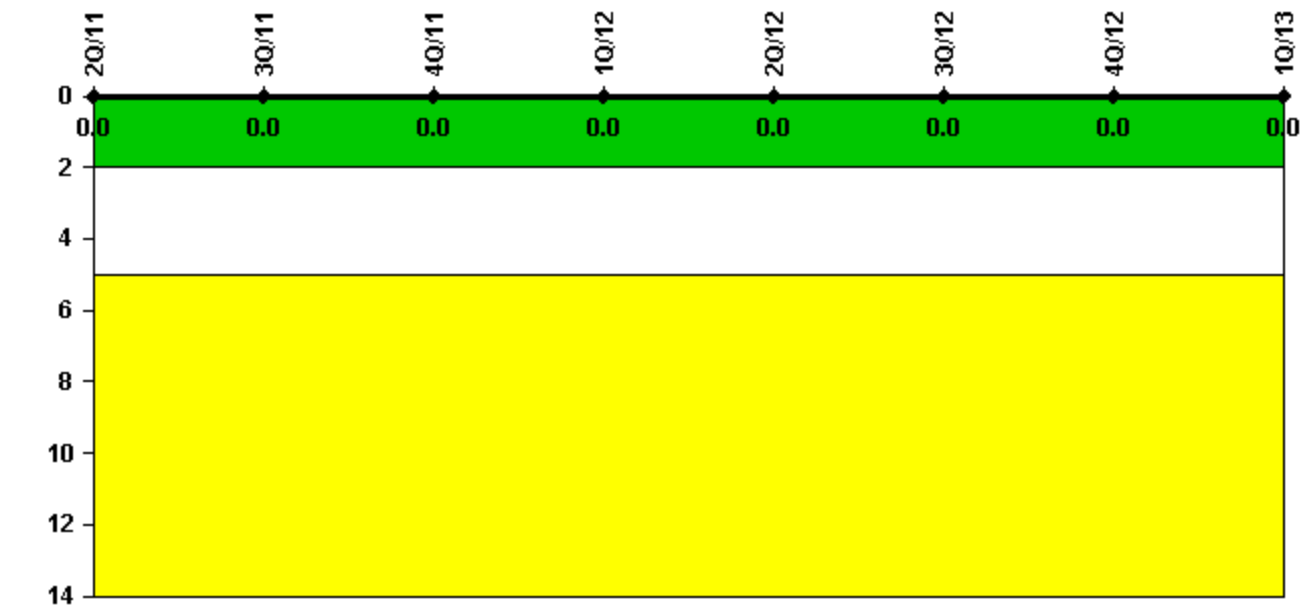
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Successful siren-tests	42	42	42	42	42	39	42	42
Total sirens-tests	42	42	42	42	42	39	42	42
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



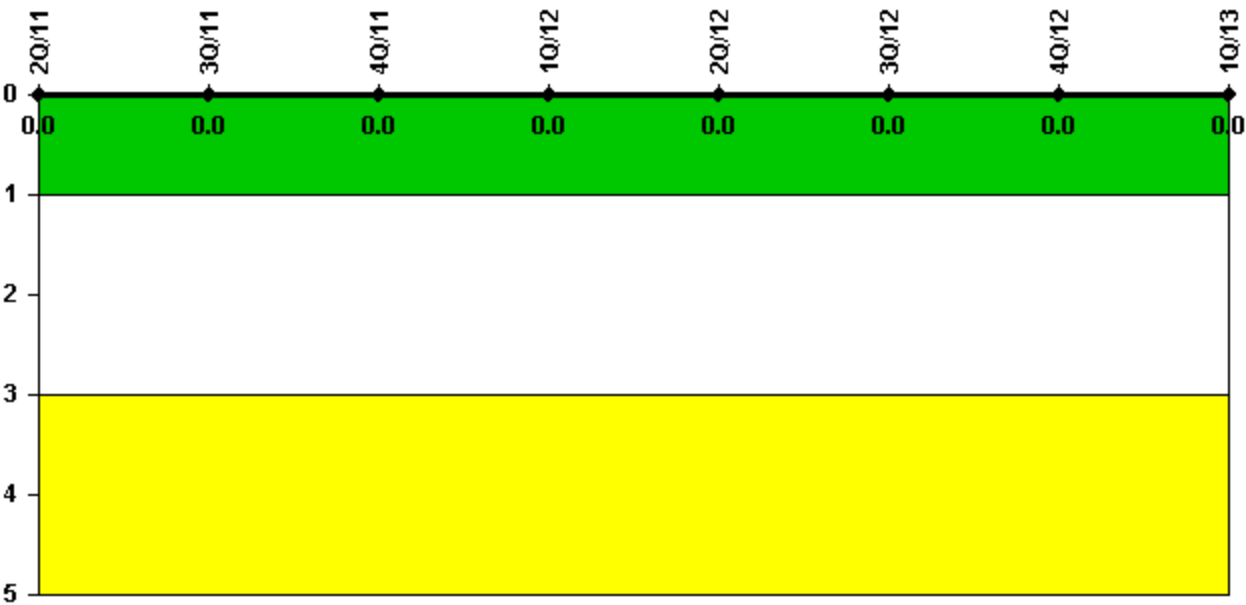
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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

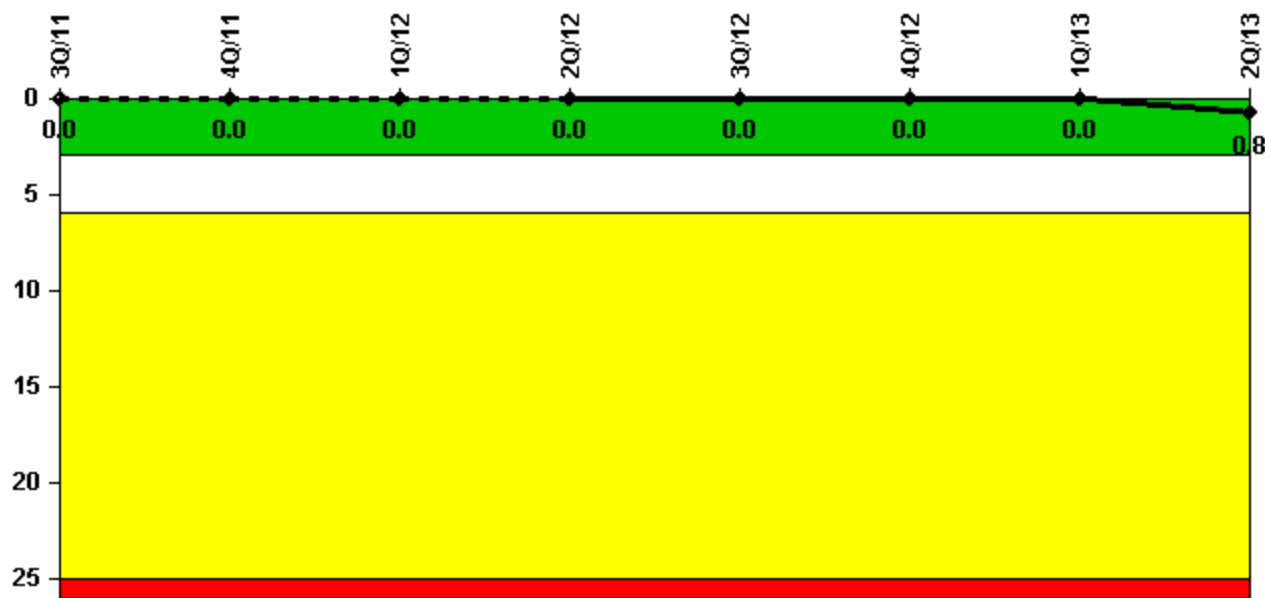
Farley 1

2Q/2013 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



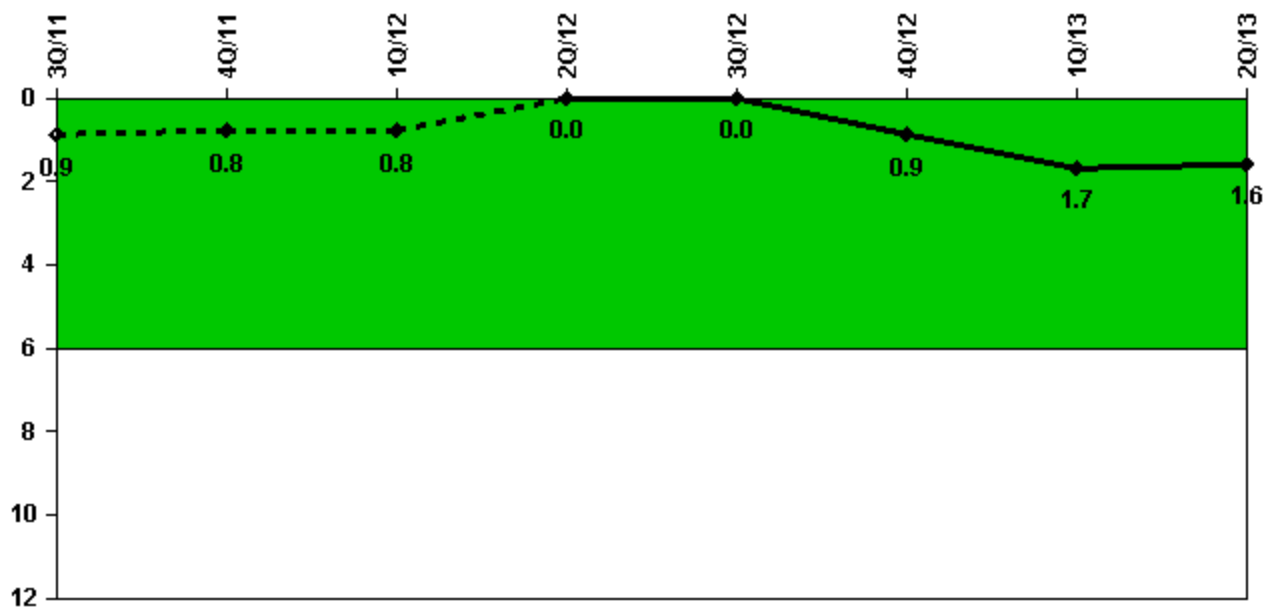
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Unplanned scrams	0	0	0	0	0	0	0	1.0
Critical hours	2208.0	2209.0	2093.0	1606.2	2141.1	2209.0	2159.0	2140.6
Indicator value	0	0	0	0	0	0	0	0.8

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



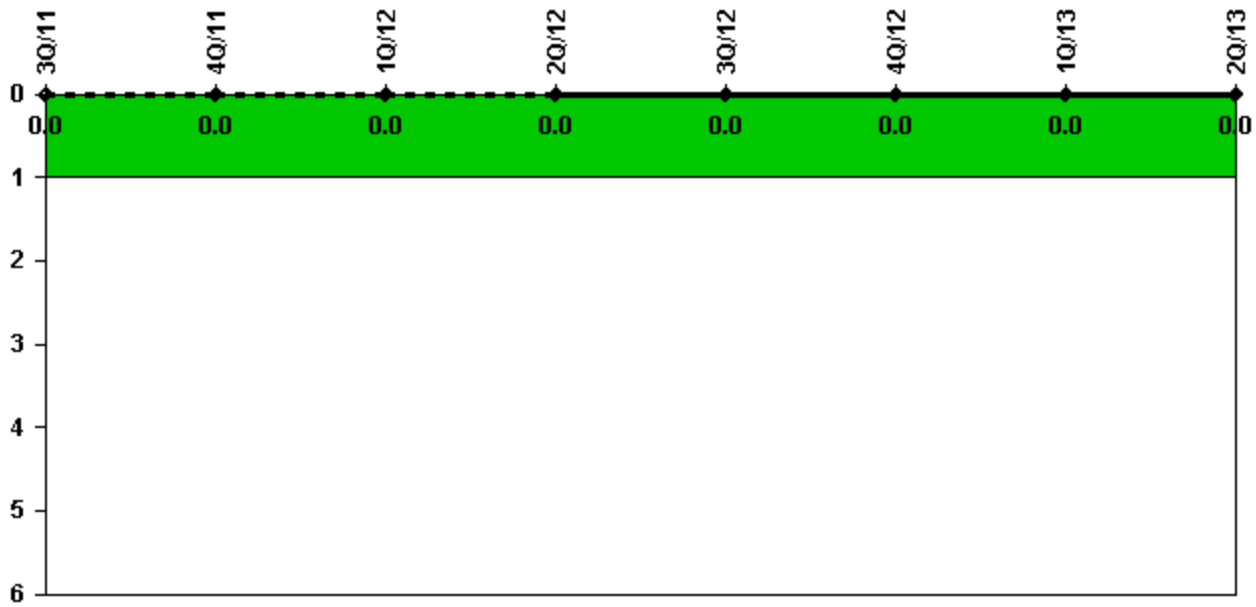
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Unplanned power changes	0	0	0	0	0	1.0	1.0	0
Critical hours	2208.0	2209.0	2093.0	1606.2	2141.1	2209.0	2159.0	2140.6
Indicator value	0.9	0.8	0.8	0	0	0.9	1.7	1.6

Licensee Comments: none

Unplanned Scrams with Complications



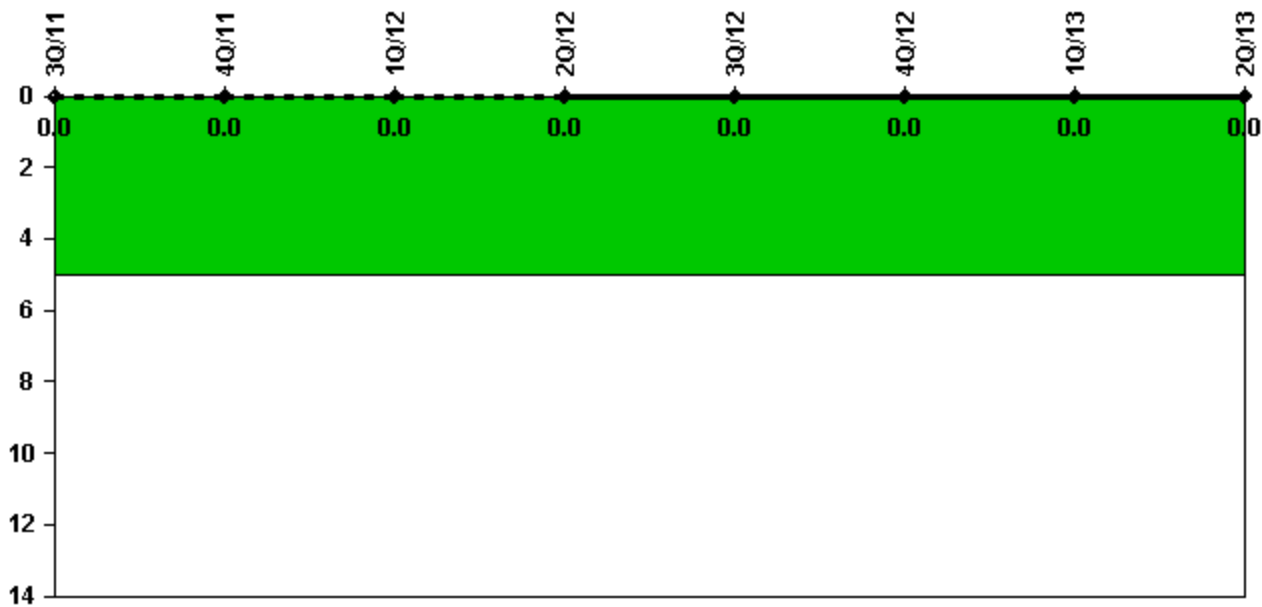
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/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: none

Safety System Functional Failures (PWR)



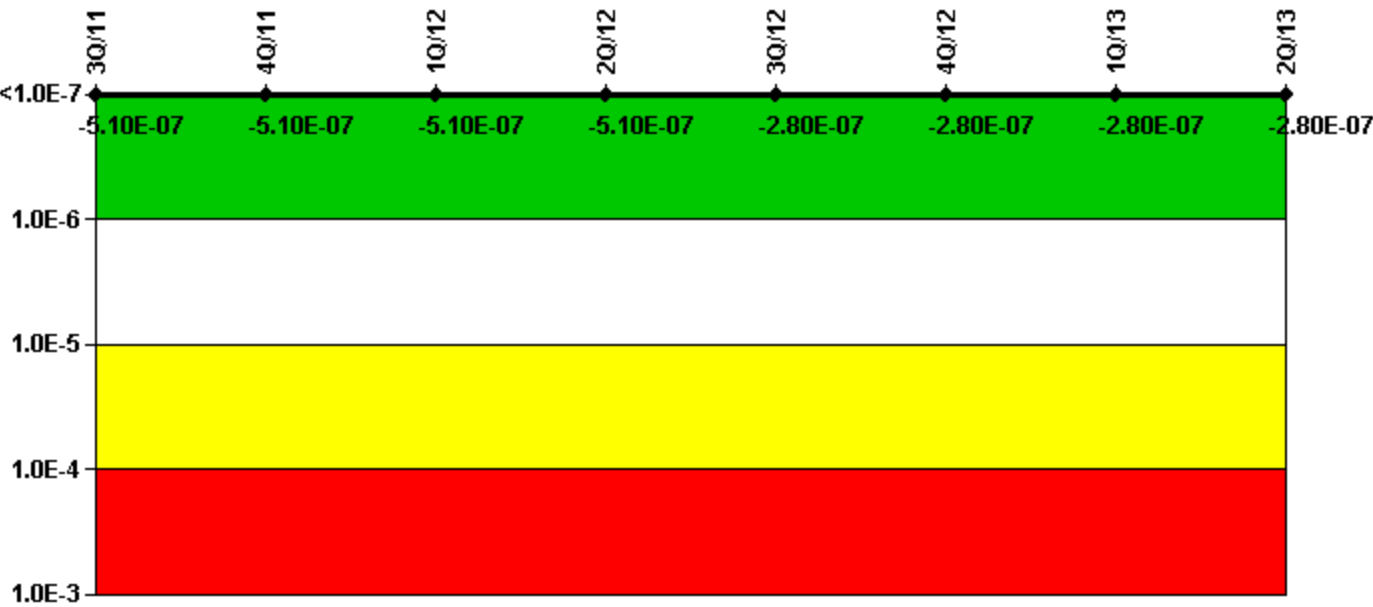
Thresholds: White > 5.0

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	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



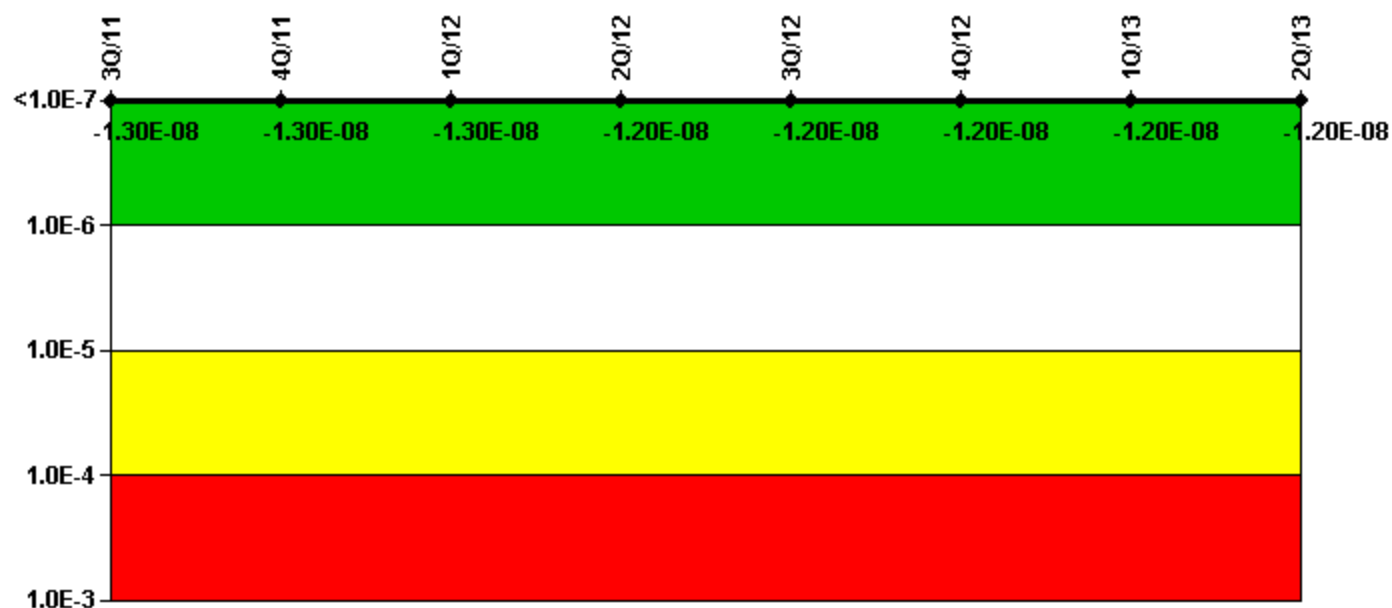
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
UAI (ΔCDF)	-2.66E-08	-2.66E-08	-2.68E-08	-2.57E-08	3.51E-08	3.51E-08	3.51E-08	3.53E-08
URI (ΔCDF)	-4.88E-07	-4.88E-07	-4.87E-07	-4.87E-07	-3.19E-07	-3.19E-07	-3.19E-07	-3.19E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.10E-07	-5.10E-07	-5.10E-07	-5.10E-07	-2.80E-07	-2.80E-07	-2.80E-07	-2.80E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



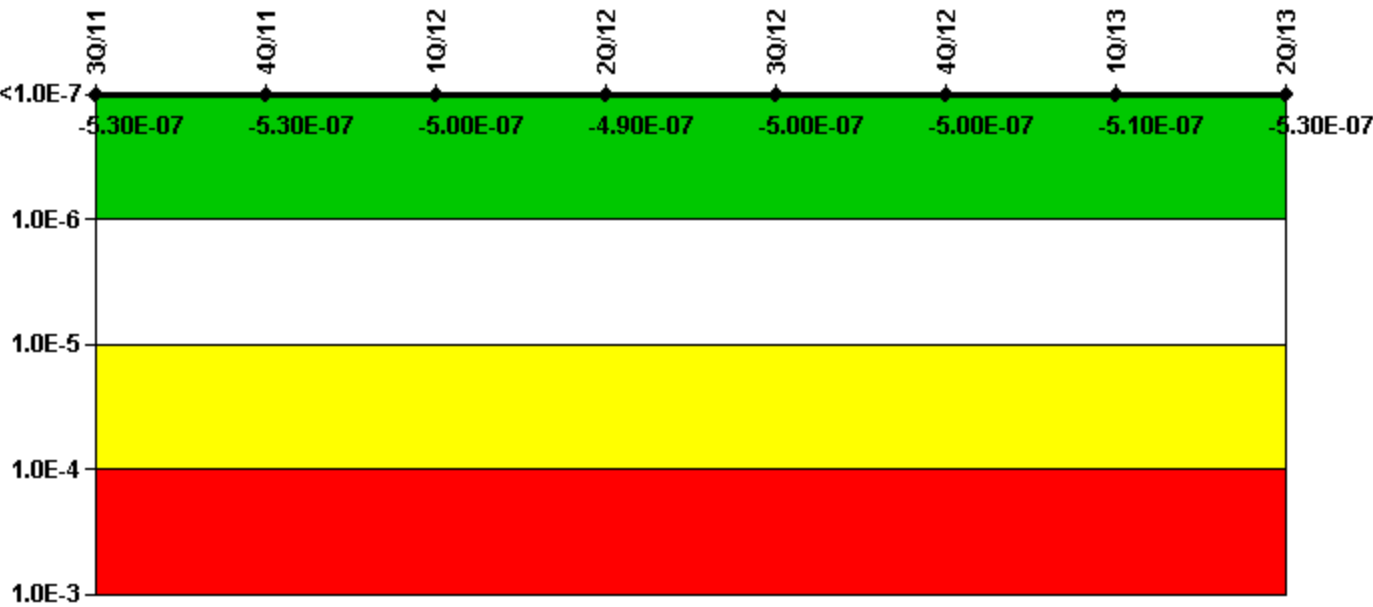
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
UAI (Δ CDF)	-4.90E-11	-3.26E-11	1.93E-11	6.68E-11	8.79E-11	9.13E-11	1.10E-10	1.64E-10
URI (Δ CDF)	-1.26E-08	-1.26E-08	-1.26E-08	-1.26E-08	-1.26E-08	-1.26E-08	-1.26E-08	-1.26E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.30E-08	-1.30E-08	-1.30E-08	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



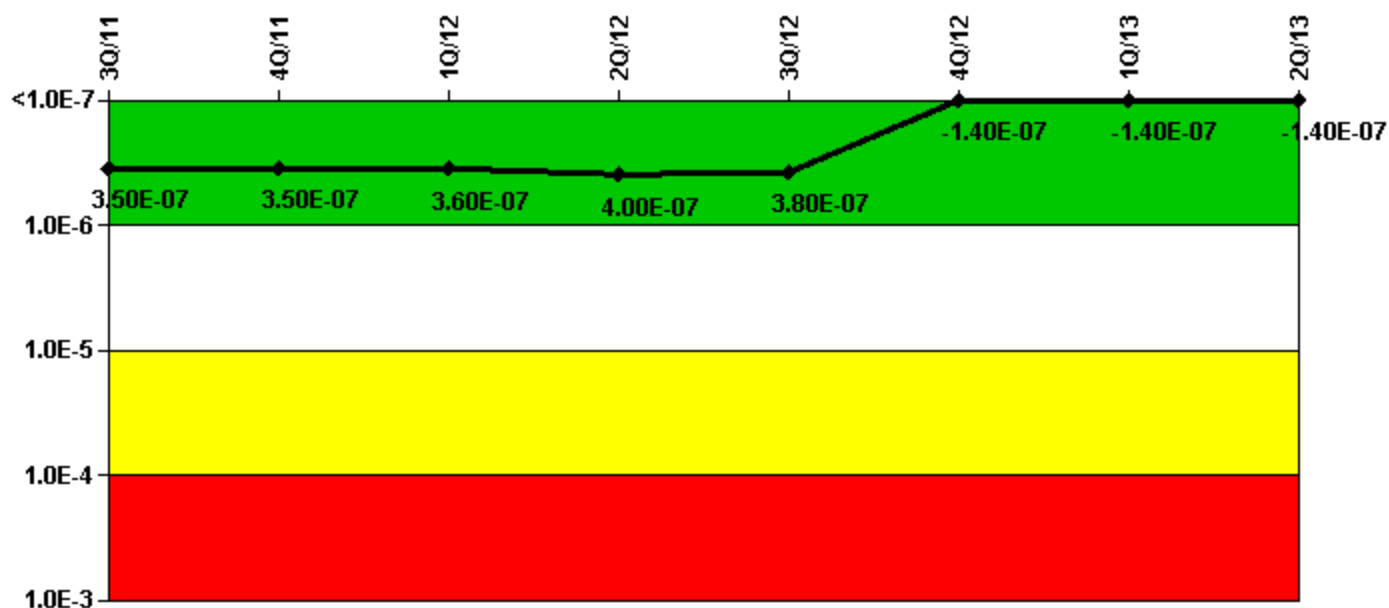
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
UAI (ΔCDF)	-1.13E-07	-1.19E-07	-9.03E-08	-8.31E-08	-8.71E-08	-8.71E-08	-9.46E-08	-1.20E-07
URI (ΔCDF)	-4.16E-07	-4.12E-07	-4.12E-07	-4.12E-07	-4.12E-07	-4.12E-07	-4.12E-07	-4.12E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.30E-07	-5.30E-07	-5.00E-07	-4.90E-07	-5.00E-07	-5.00E-07	-5.10E-07	-5.30E-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/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
UAI (Δ CDF)	1.52E-09	1.47E-09	1.45E-08	5.76E-08	3.56E-08	1.62E-08	1.51E-08	1.83E-08
URI (Δ CDF)	3.45E-07	3.45E-07	3.45E-07	3.45E-07	3.45E-07	-1.55E-07	-1.55E-07	-1.55E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.50E-07	3.50E-07	3.60E-07	4.00E-07	3.80E-07	-1.40E-07	-1.40E-07	-1.40E-07

Licensee Comments:

3Q/12: Risk Cap Invoked.

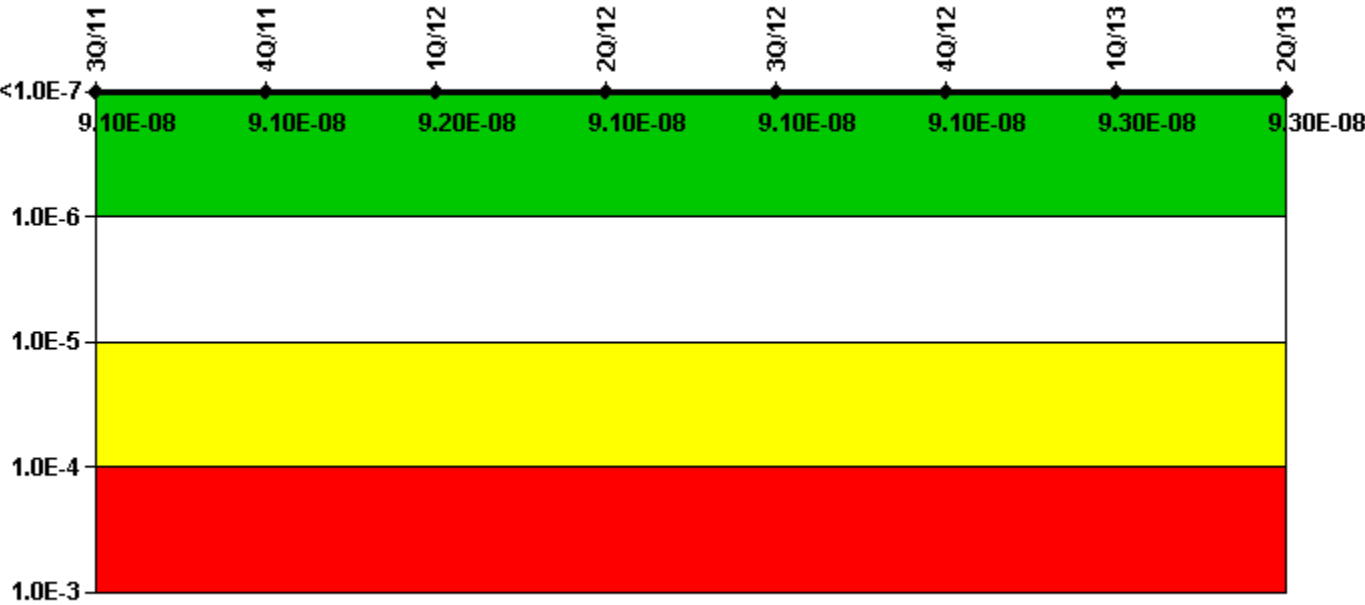
2Q/12: Risk Cap Invoked.

1Q/12: Risk Cap Invoked.

4Q/11: Risk Cap Invoked.

3Q/11: Risk Cap Invoked.

Mitigating Systems Performance Index, Cooling Water Systems



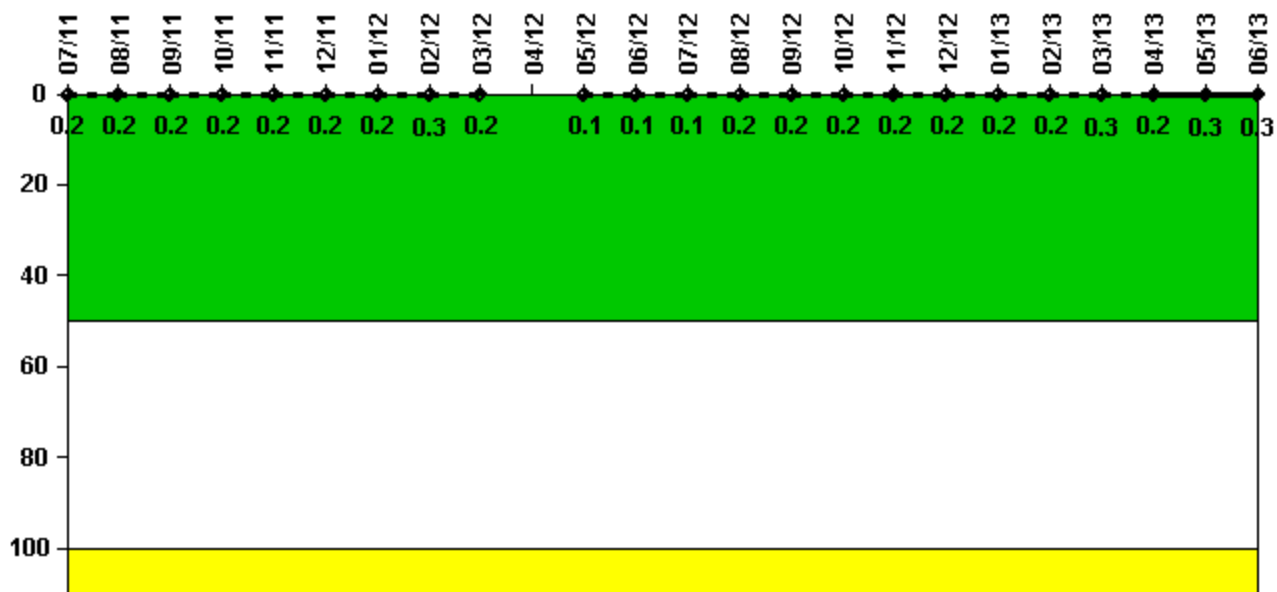
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (ΔCDF)	2.08E-08	2.11E-08	2.14E-08	2.13E-08	2.11E-08	2.11E-08	2.24E-08	2.24E-08
URI (ΔCDF)	7.02E-08	7.02E-08	7.02E-08	7.02E-08	7.02E-08	7.02E-08	7.02E-08	7.02E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	9.10E-08	9.10E-08	9.20E-08	9.10E-08	9.10E-08	9.10E-08	9.30E-08	9.30E-08

Licensee Comments: none

Reactor Coolant System Activity



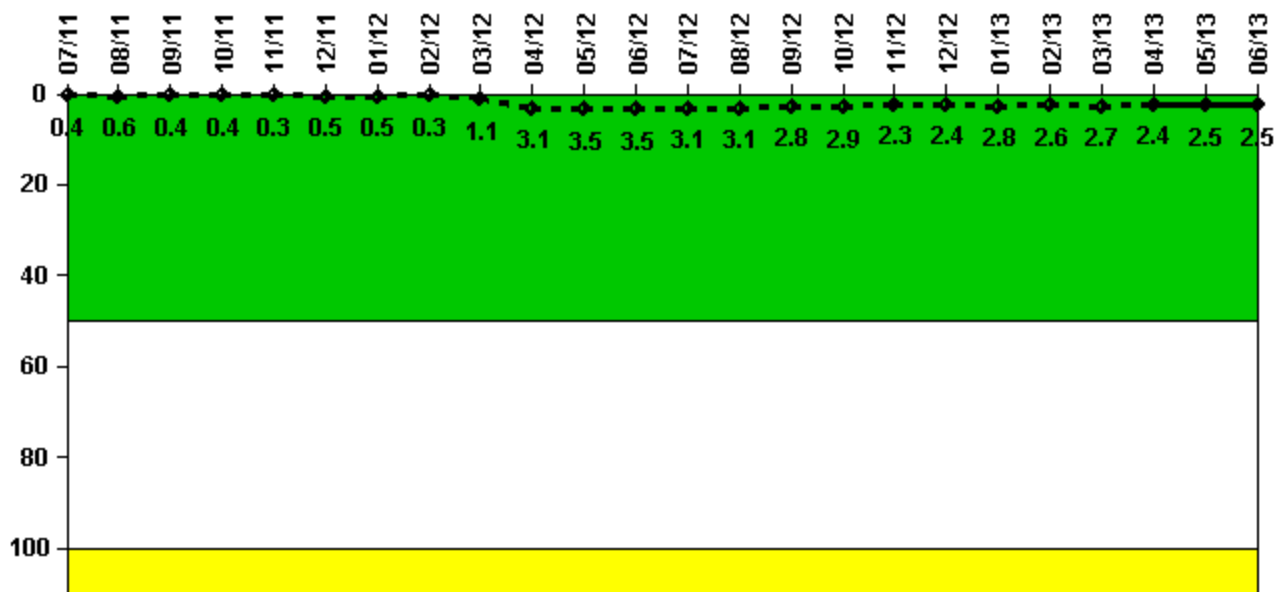
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12	4/12	5/12	6/12
Maximum activity	0.000958	0.000981	0.001110	0.001040	0.001150	0.001180	0.001220	0.001280	0.001240	N/A	0.000614	0.000629
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	N/A	0.1	0.1
Reactor Coolant System Activity	7/12	8/12	9/12	10/12	11/12	12/12	1/13	2/13	3/13	4/13	5/13	6/13
Maximum activity	0.000730	0.000837	0.000819	0.000885	0.000929	0.001140	0.001110	0.001220	0.001260	0.001210	0.001310	0.001300
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.3

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

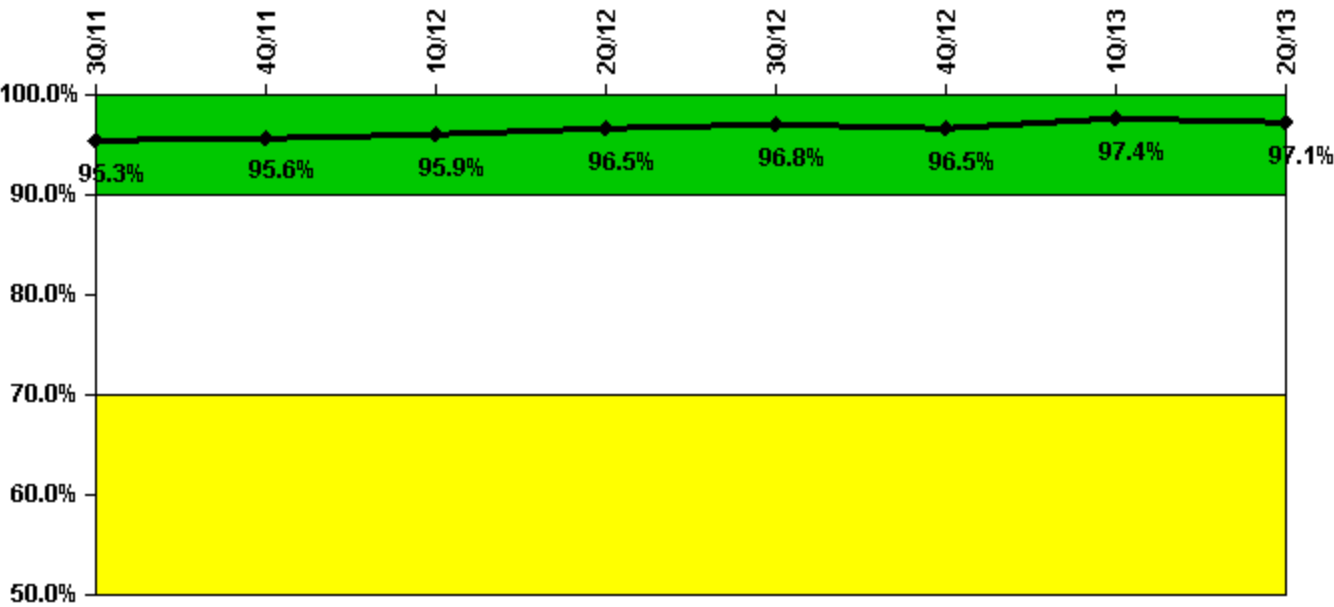
Notes

Reactor Coolant System Leakage	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	0.036	0.059	0.035	0.041	0.031	0.052	0.050	0.029	0.105	0.308	0.350	0.349
Technical specification limit	10.0	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	0.6	0.4	0.4	0.3	0.5	0.5	0.3	1.1	3.1	3.5	3.5
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	0.314	0.308	0.275	0.292	0.232	0.235	0.278	0.256	0.270	0.242	0.246	0.253
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	3.1	3.1	2.8	2.9	2.3	2.4	2.8	2.6	2.7	2.4	2.5	2.5

Licensee Comments:

6/12: April RCS Activity data not available because of U1 Outage

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

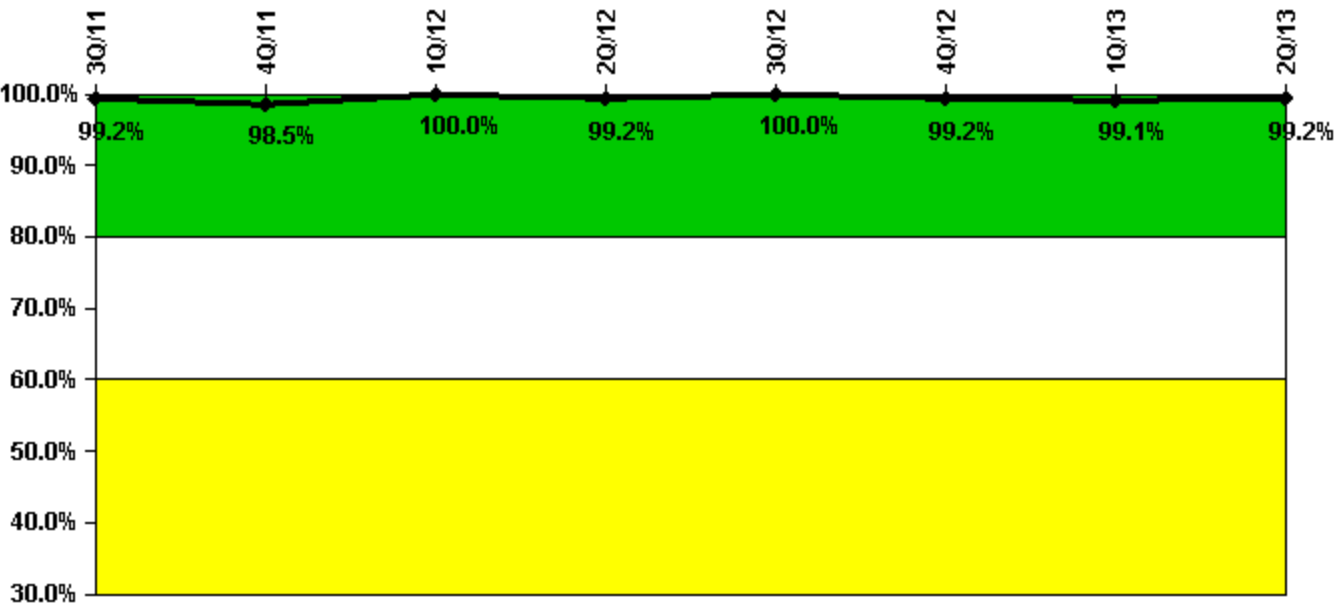
Notes

Drill/Exercise Performance	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Successful opportunities	55.0	28.0	39.0	14.0	62.0	45.0	40.0	47.0
Total opportunities	56.0	28.0	40.0	15.0	64.0	47.0	40.0	50.0
Indicator value	95.3%	95.6%	95.9%	96.5%	96.8%	96.5%	97.4%	97.1%

Licensee Comments:

1Q/12: Data changed due to an entry error at the site.

ERO Drill Participation



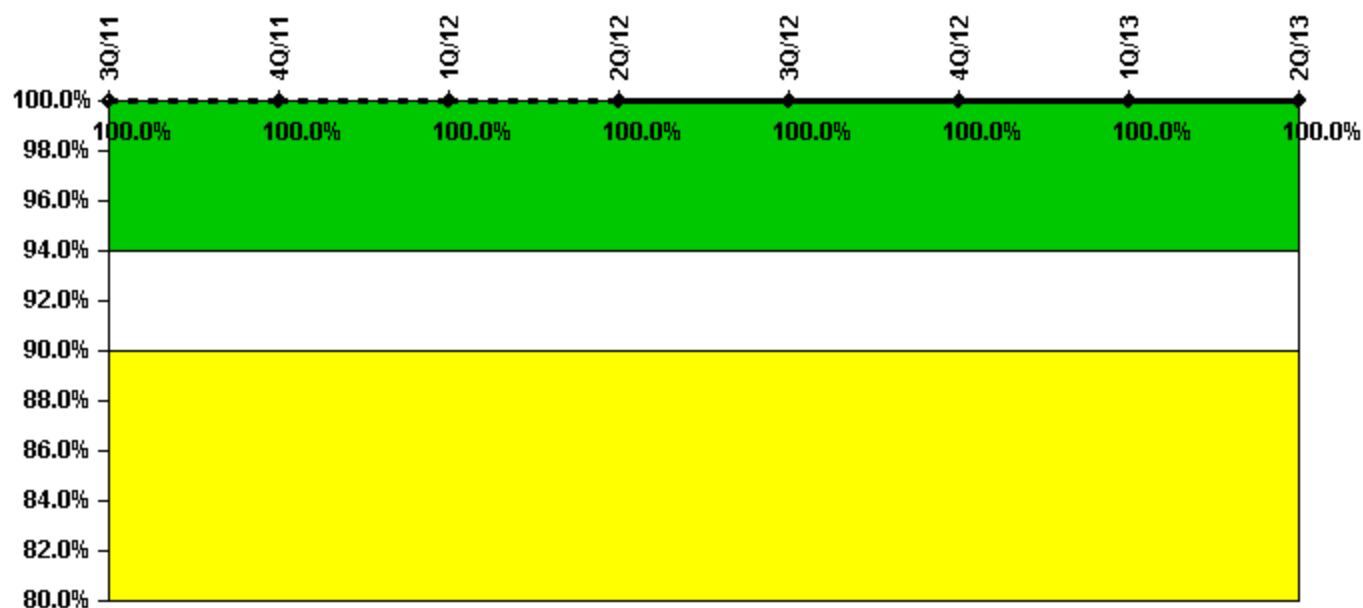
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Participating Key personnel	128.0	134.0	130.0	127.0	123.0	122.0	108.0	117.0
Total Key personnel	129.0	136.0	130.0	128.0	123.0	123.0	109.0	118.0
Indicator value	99.2%	98.5%	100.0%	99.2%	100.0%	99.2%	99.1%	99.2%

Licensee Comments: none

Alert & Notification System



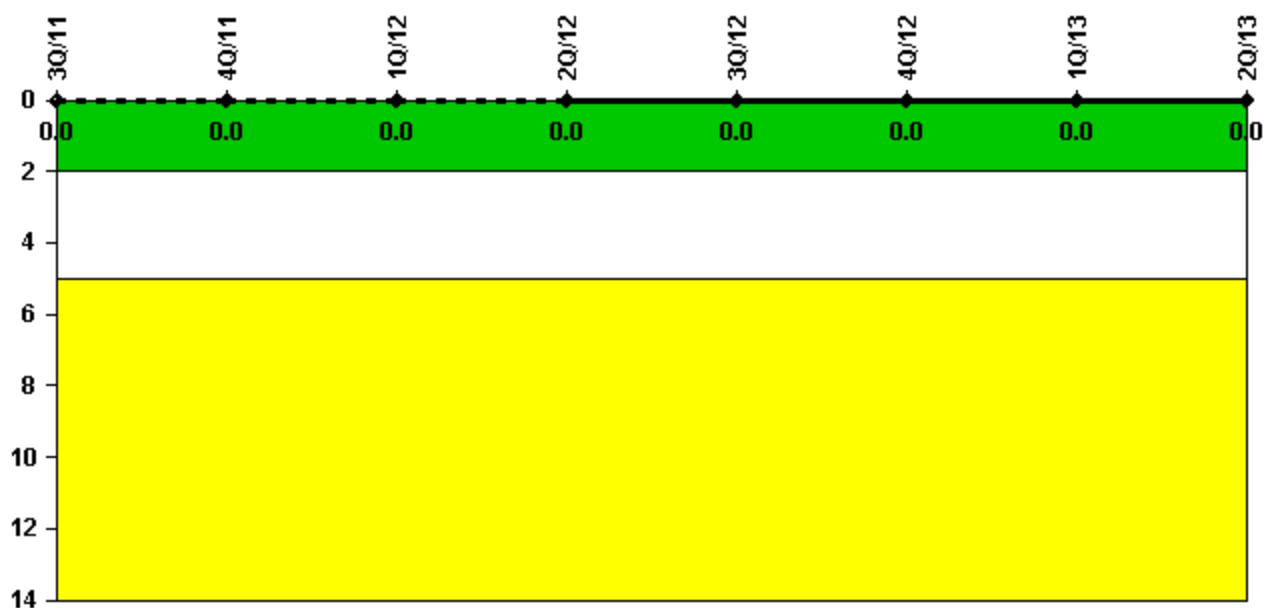
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Successful siren-tests	42	42	42	42	39	42	42	42
Total sirens-tests	42	42	42	42	39	42	42	42
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



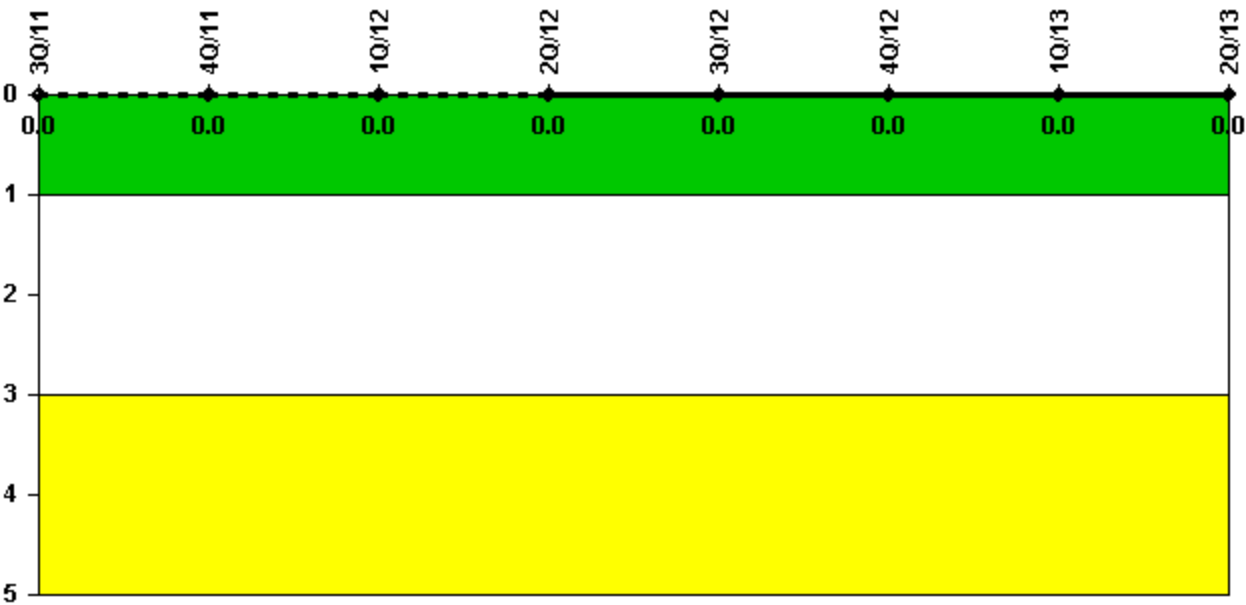
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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

Farley 1

3Q/2013 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



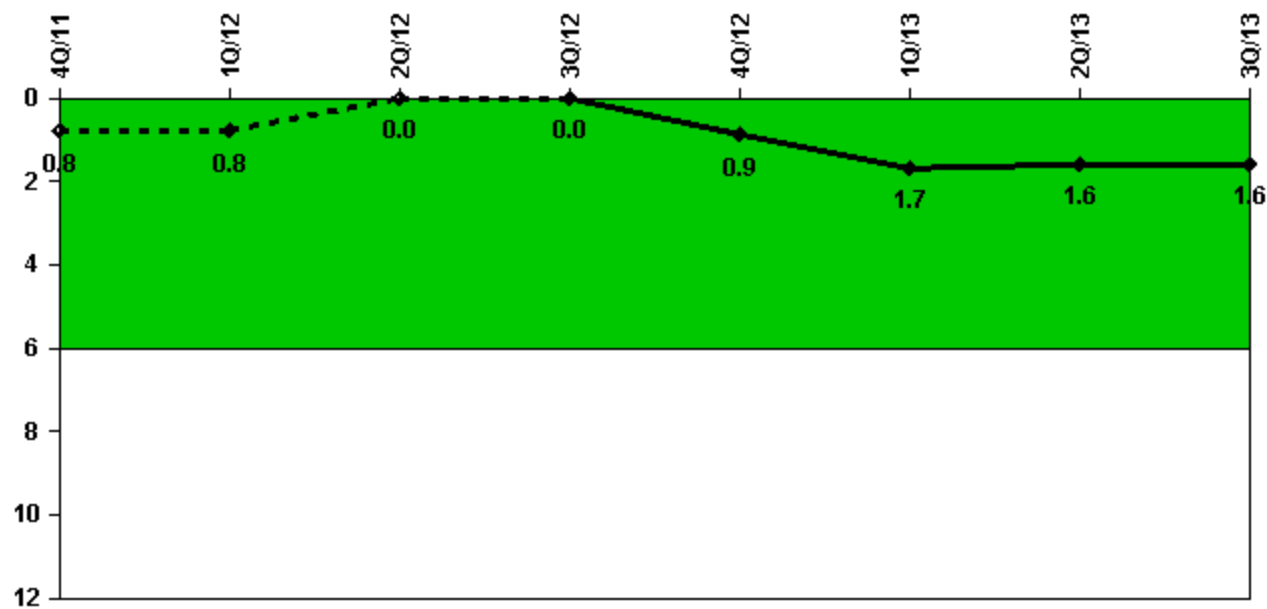
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Unplanned scrams	0	0	0	0	0	0	1.0	0
Critical hours	2209.0	2093.0	1606.2	2141.1	2209.0	2159.0	2140.6	2166.8
Indicator value	0	0	0	0	0	0	0.8	0.8

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



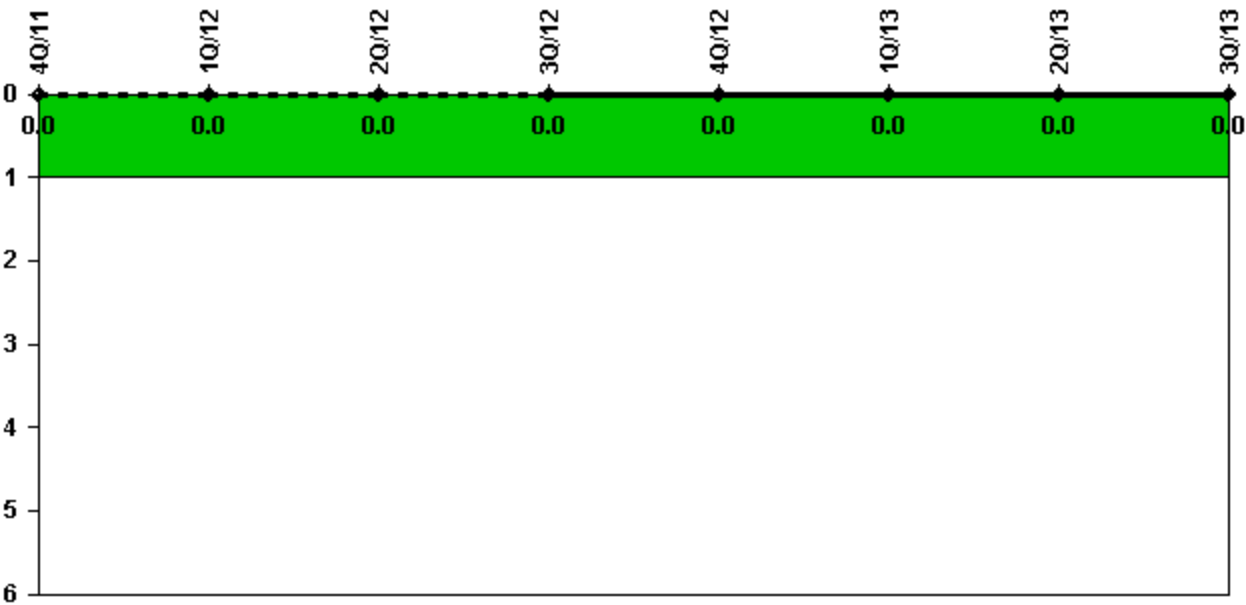
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Unplanned power changes	0	0	0	0	1.0	1.0	0	0
Critical hours	2209.0	2093.0	1606.2	2141.1	2209.0	2159.0	2140.6	2166.8
Indicator value	0.8	0.8	0	0	0.9	1.7	1.6	1.6

Licensee Comments: none

Unplanned Scrams with Complications



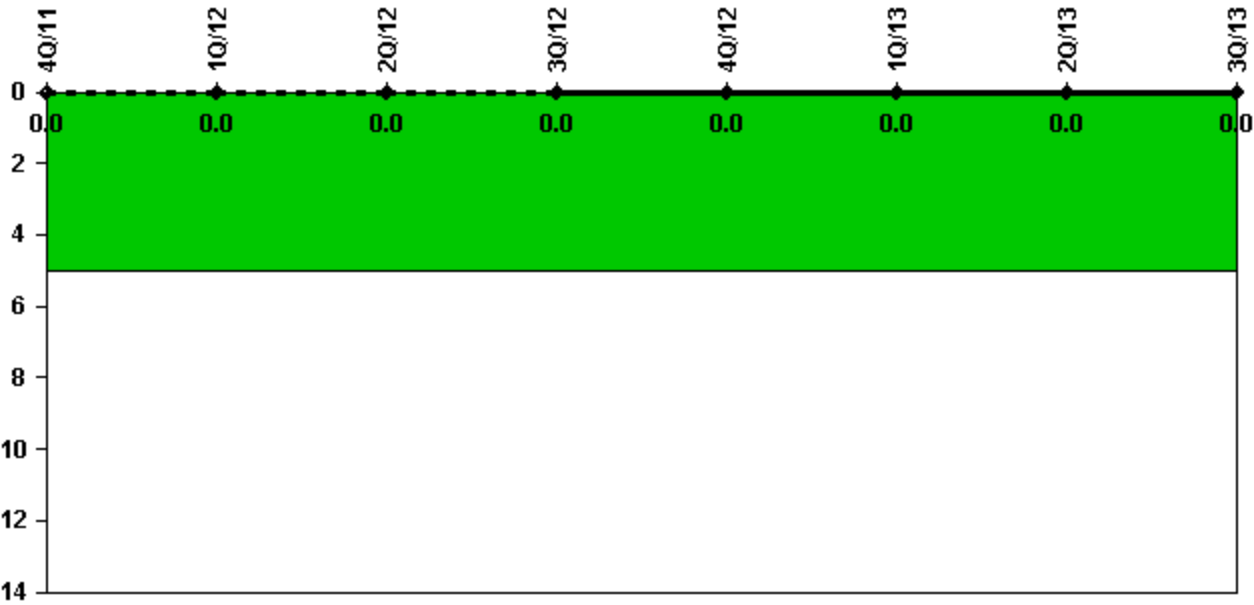
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



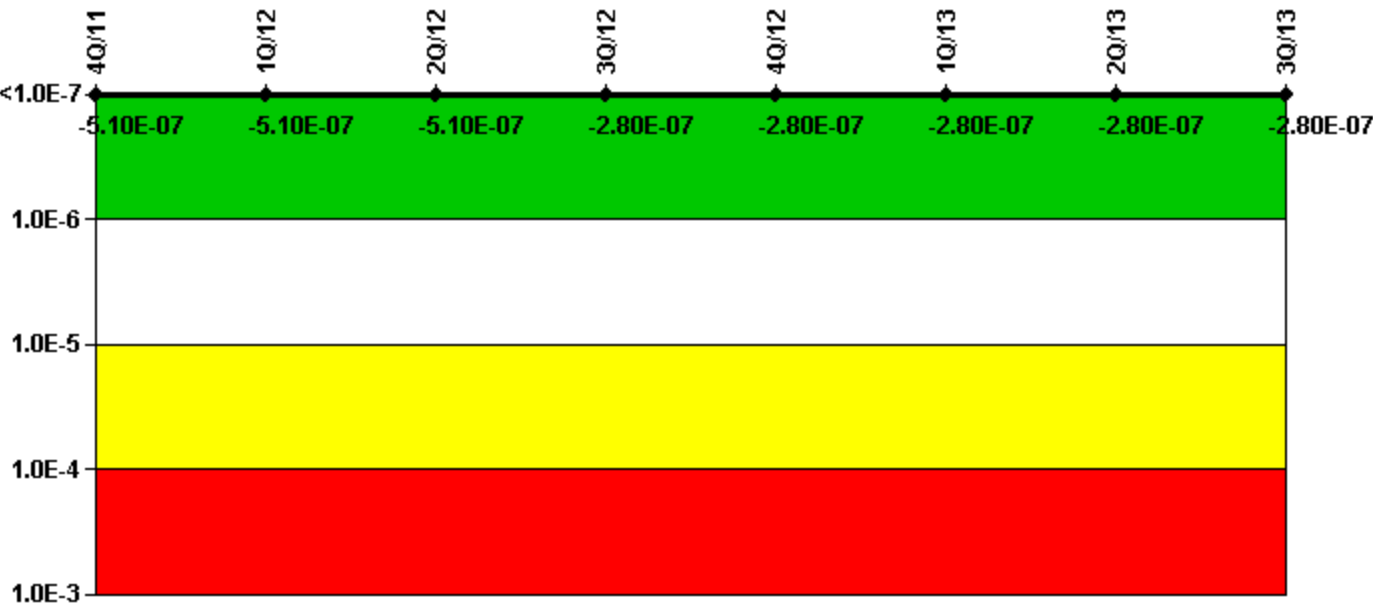
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
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

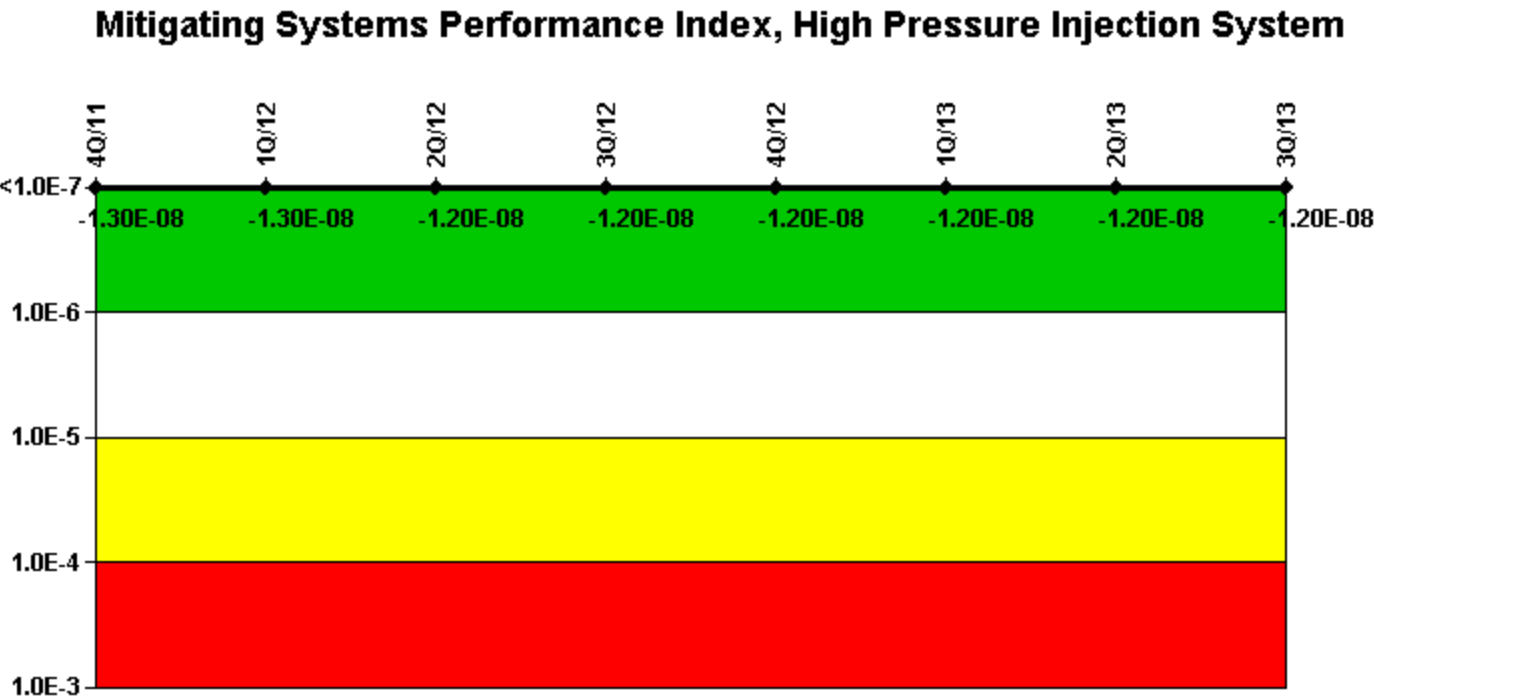


Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
UAI (ΔCDF)	-2.66E-08	-2.68E-08	-2.57E-08	3.51E-08	3.51E-08	3.51E-08	3.53E-08	3.55E-08
URI (ΔCDF)	-4.88E-07	-4.87E-07	-4.87E-07	-3.19E-07	-3.19E-07	-3.19E-07	-3.19E-07	-3.19E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.10E-07	-5.10E-07	-5.10E-07	-2.80E-07	-2.80E-07	-2.80E-07	-2.80E-07	-2.80E-07

Licensee Comments: none



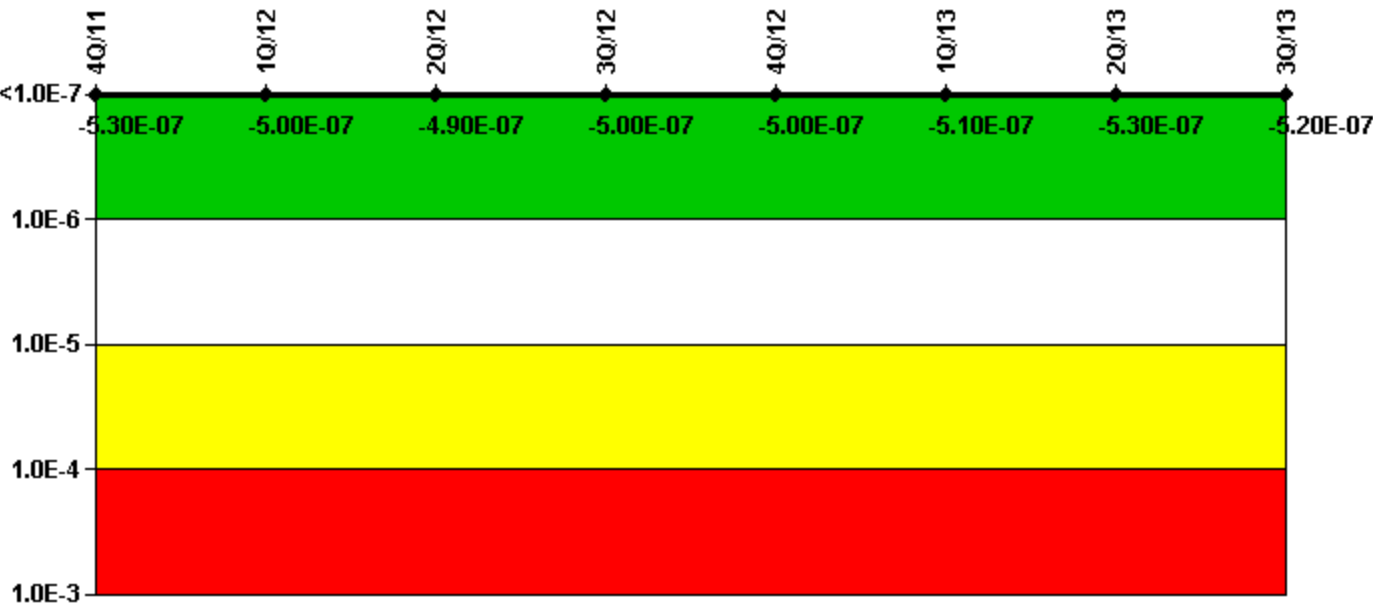
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (ΔCDF)	-3.26E-11	1.93E-11	6.68E-11	8.79E-11	9.13E-11	1.10E-10	1.64E-10	2.65E-10
URI (ΔCDF)	-1.26E-08	-1.26E-08	-1.26E-08	-1.26E-08	-1.26E-08	-1.26E-08	-1.26E-08	-1.26E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.30E-08	-1.30E-08	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



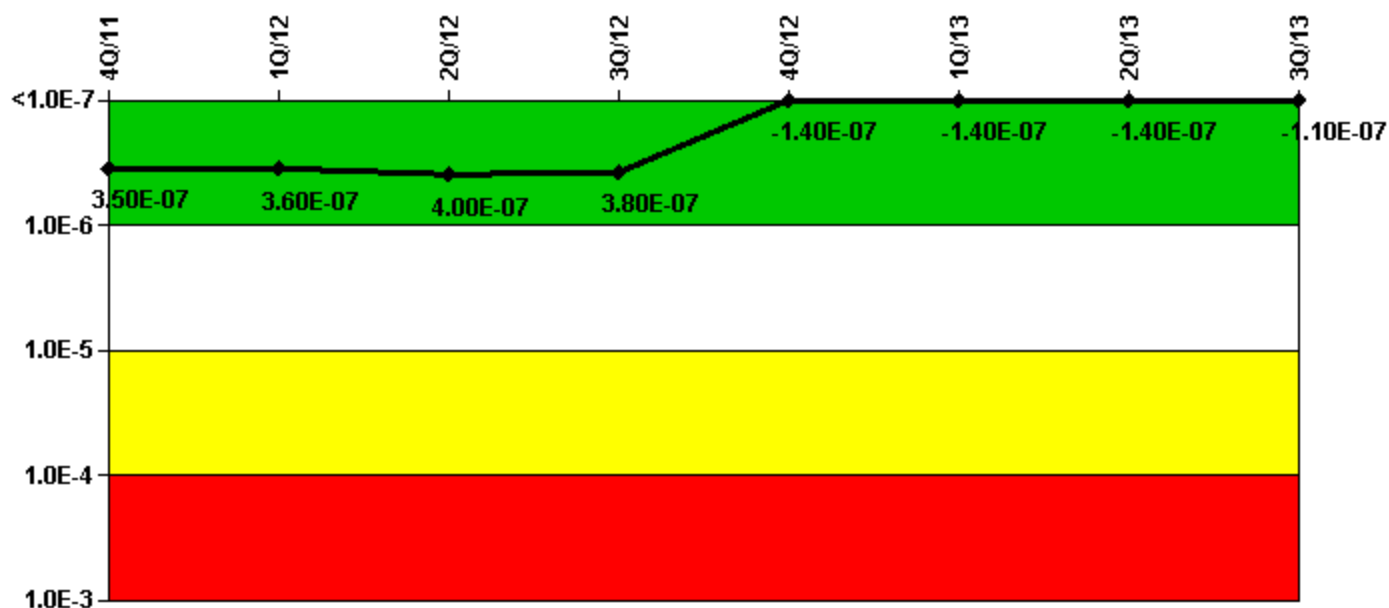
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
UAI (ΔCDF)	-1.19E-07	-9.03E-08	-8.31E-08	-8.71E-08	-8.71E-08	-9.46E-08	-1.20E-07	-1.07E-07
URI (ΔCDF)	-4.12E-07	-4.12E-07	-4.12E-07	-4.12E-07	-4.12E-07	-4.12E-07	-4.12E-07	-4.12E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.30E-07	-5.00E-07	-4.90E-07	-5.00E-07	-5.00E-07	-5.10E-07	-5.30E-07	-5.20E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
UAI (Δ CDF)	1.47E-09	1.45E-08	5.76E-08	3.56E-08	1.62E-08	1.51E-08	1.83E-08	4.06E-08
URI (Δ CDF)	3.45E-07	3.45E-07	3.45E-07	3.45E-07	-1.55E-07	-1.55E-07	-1.55E-07	-1.55E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.50E-07	3.60E-07	4.00E-07	3.80E-07	-1.40E-07	-1.40E-07	-1.40E-07	-1.10E-07

Licensee Comments:

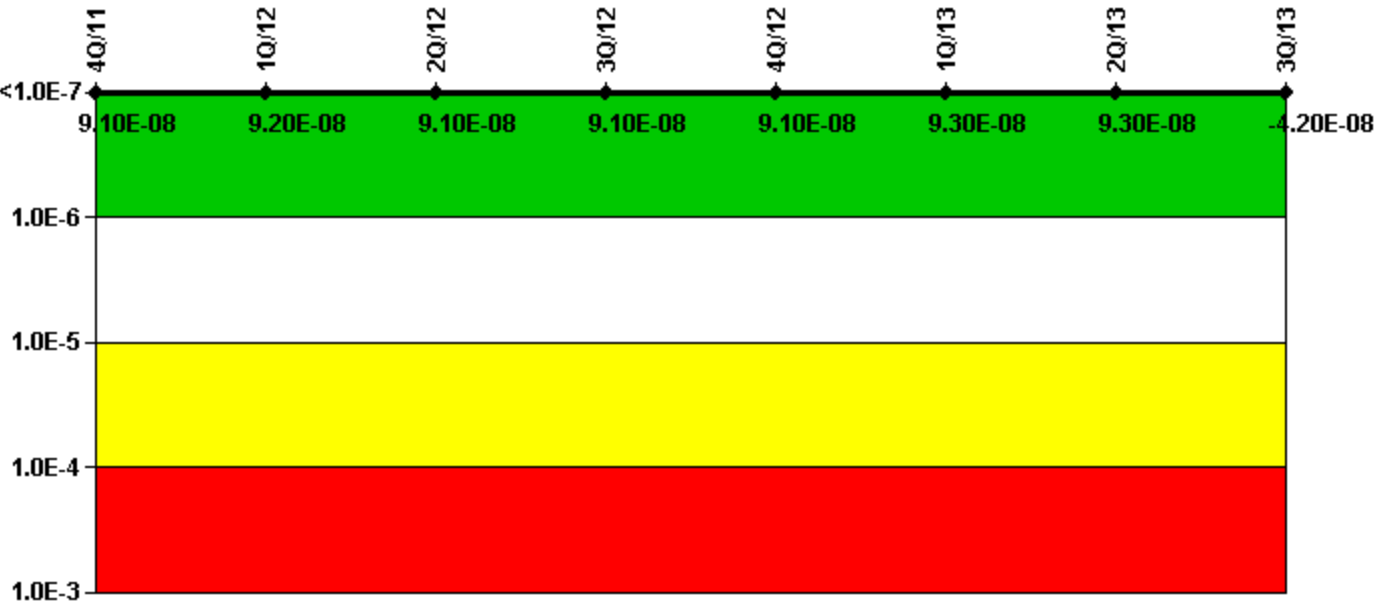
3Q/12: Risk Cap Invoked.

2Q/12: Risk Cap Invoked.

1Q/12: Risk Cap Invoked.

4Q/11: Risk Cap Invoked.

Mitigating Systems Performance Index, Cooling Water Systems



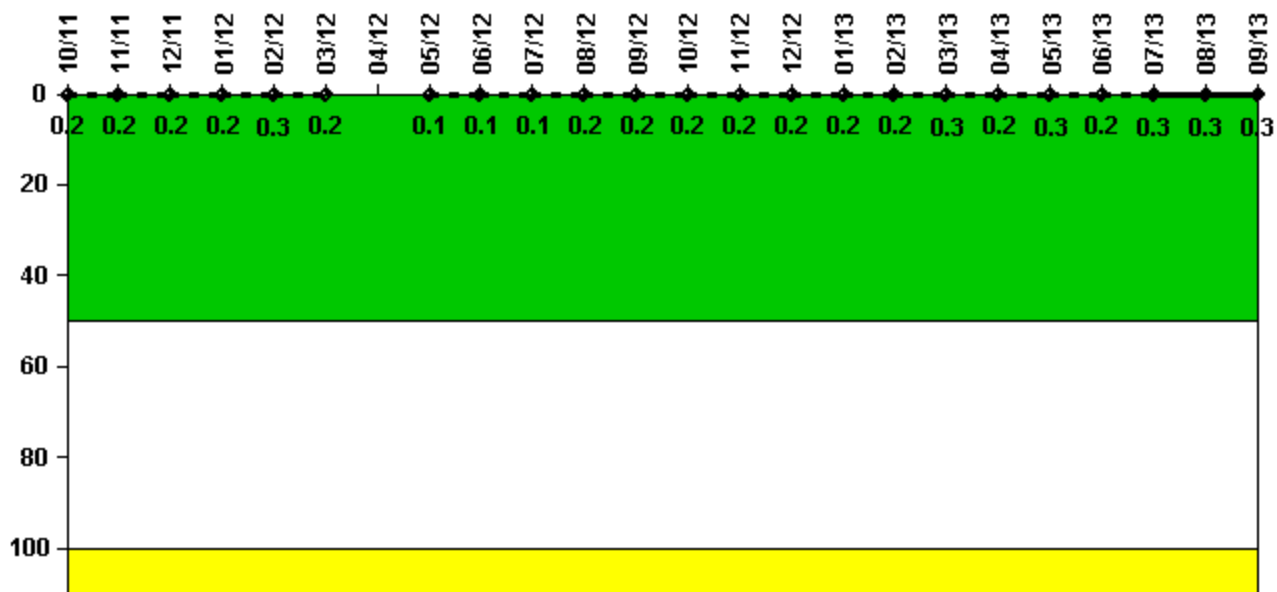
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (ΔCDF)	2.11E-08	2.14E-08	2.13E-08	2.11E-08	2.11E-08	2.24E-08	2.24E-08	9.32E-09
URI (ΔCDF)	7.02E-08	7.02E-08	7.02E-08	7.02E-08	7.02E-08	7.02E-08	7.02E-08	-5.08E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	9.10E-08	9.20E-08	9.10E-08	9.10E-08	9.10E-08	9.30E-08	9.30E-08	-4.20E-08

Licensee Comments: none

Reactor Coolant System Activity



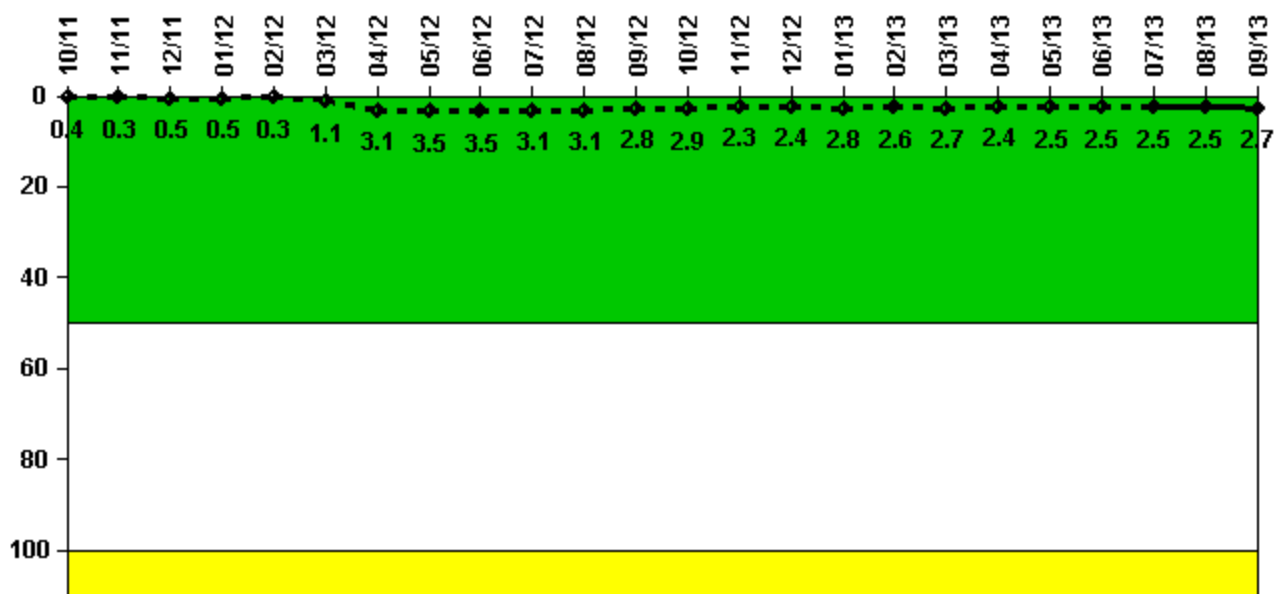
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/11	11/11	12/11	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12
Maximum activity	0.001040	0.001150	0.001180	0.001220	0.001280	0.001240	N/A	0.000614	0.000629	0.000730	0.000837	0.000819
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.2	0.2	0.2	0.2	0.3	0.2	N/A	0.1	0.1	0.1	0.2	0.2
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	0.000885	0.000929	0.001140	0.001110	0.001220	0.001260	0.001210	0.001310	0.001110	0.001300	0.001330	0.001320
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.2	0.3	0.3	0.3

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

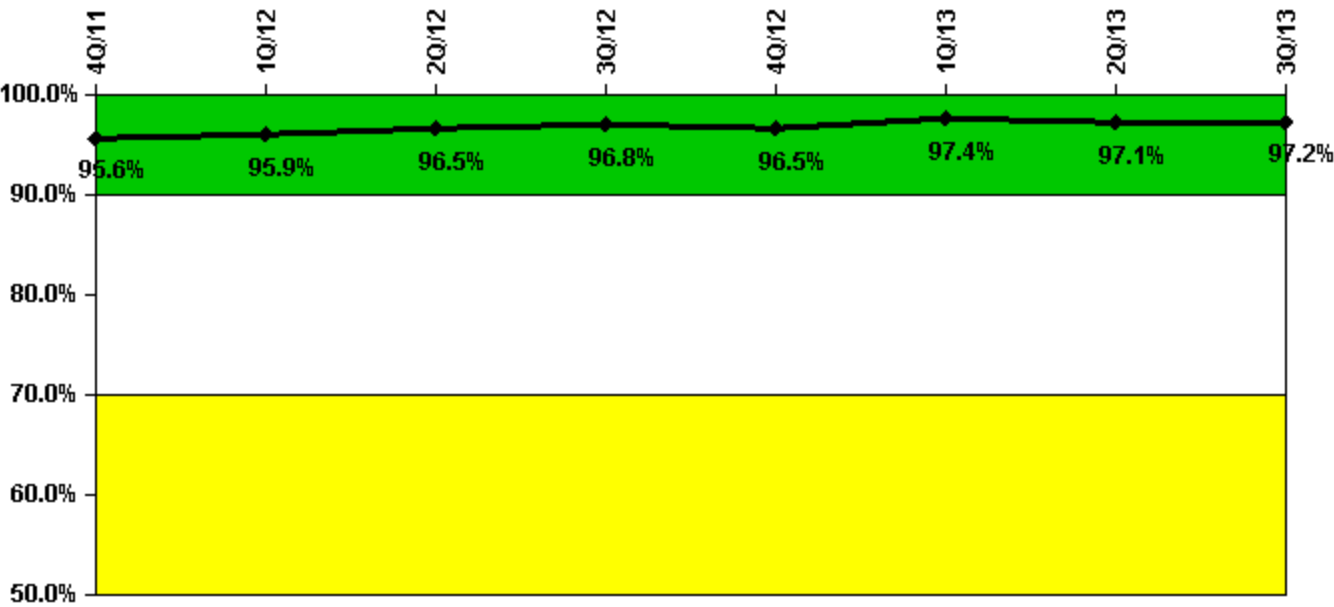
Notes

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	0.041	0.031	0.052	0.050	0.029	0.105	0.308	0.350	0.349	0.314	0.308	0.275
Technical specification limit	10.0	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	0.5	0.5	0.3	1.1	3.1	3.5	3.5	3.1	3.1	2.8
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	0.292	0.232	0.235	0.278	0.256	0.270	0.242	0.246	0.253	0.253	0.254	0.268
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.9	2.3	2.4	2.8	2.6	2.7	2.4	2.5	2.5	2.5	2.5	2.7

Licensee Comments:

6/12: April RCS Activity data not available because of U1 Outage

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

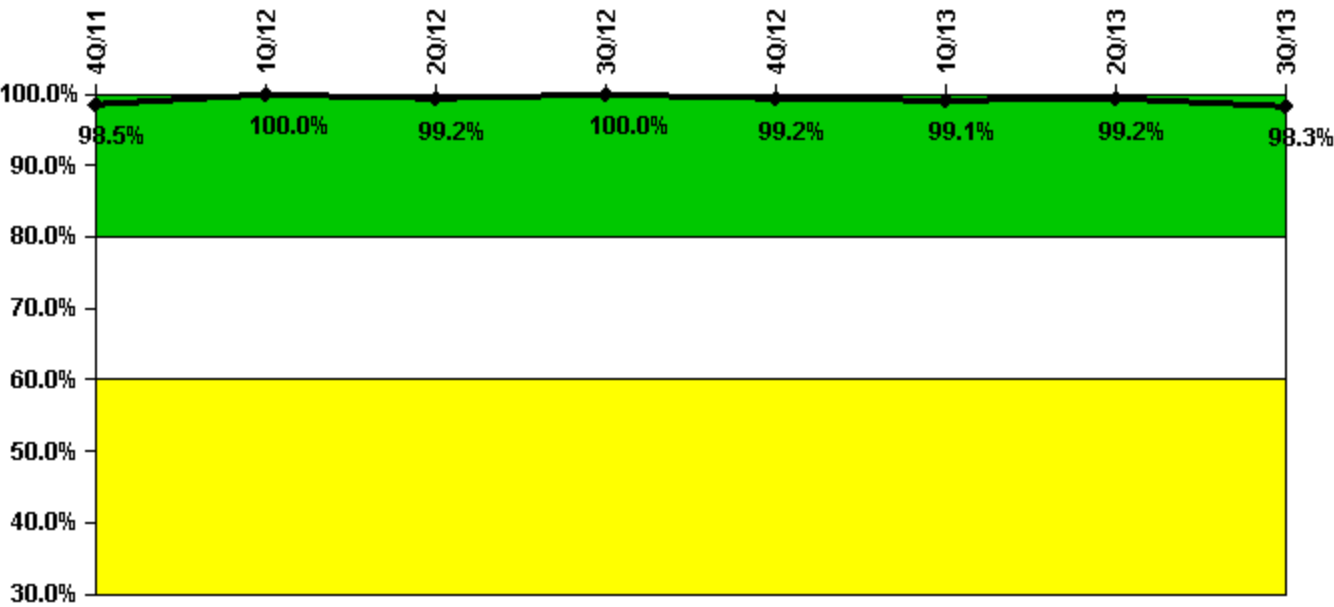
Notes

Drill/Exercise Performance	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Successful opportunities	28.0	39.0	14.0	62.0	45.0	40.0	47.0	37.0
Total opportunities	28.0	40.0	15.0	64.0	47.0	40.0	50.0	37.0
Indicator value	95.6%	95.9%	96.5%	96.8%	96.5%	97.4%	97.1%	97.2%

Licensee Comments:

1Q/12: Data changed due to an entry error at the site.

ERO Drill Participation



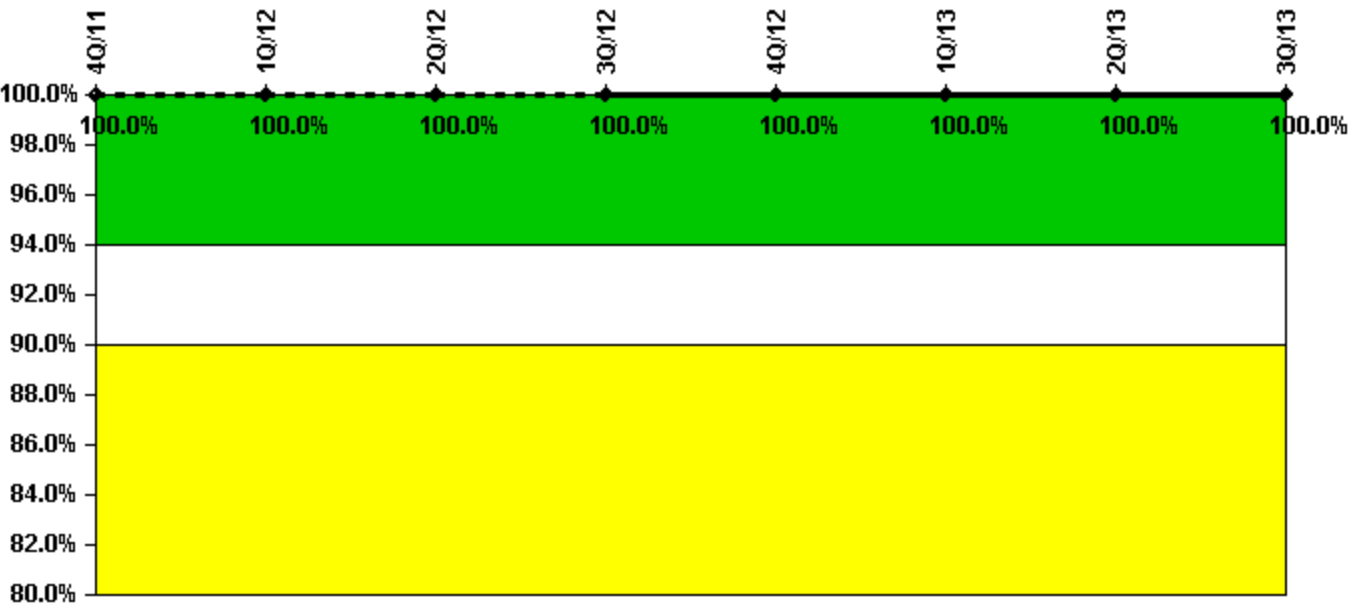
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Participating Key personnel	134.0	130.0	127.0	123.0	122.0	108.0	117.0	117.0
Total Key personnel	136.0	130.0	128.0	123.0	123.0	109.0	118.0	119.0
Indicator value	98.5%	100.0%	99.2%	100.0%	99.2%	99.1%	99.2%	98.3%

Licensee Comments: none

Alert & Notification System



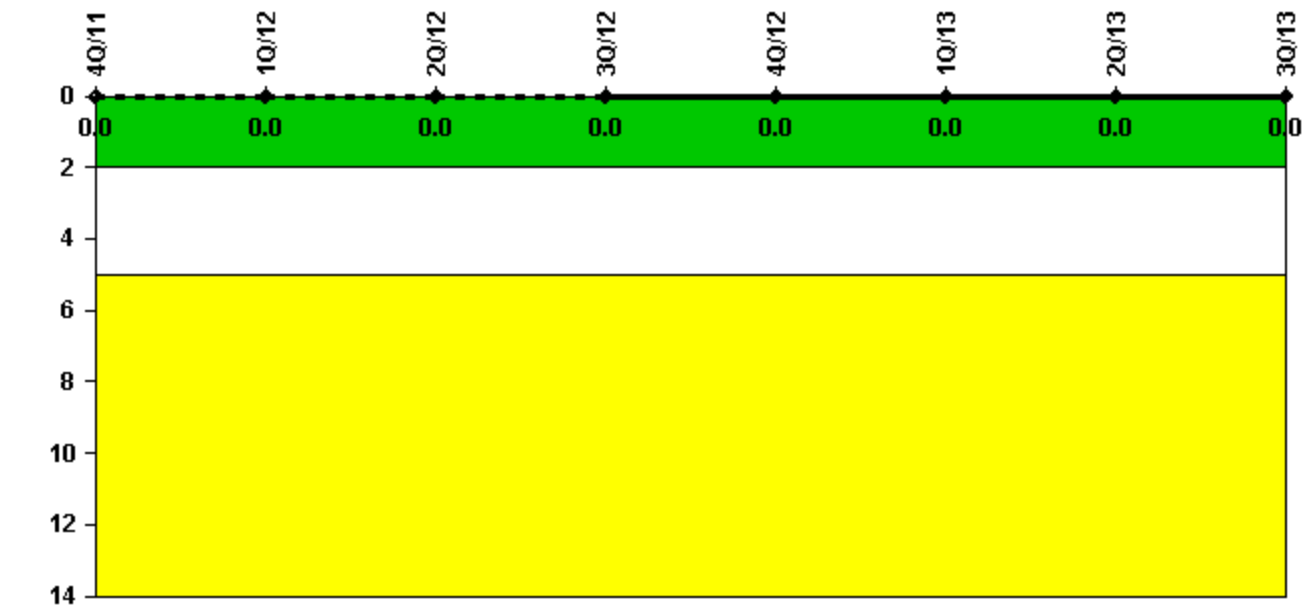
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Successful siren-tests	42	42	42	39	42	42	42	42
Total sirens-tests	42	42	42	39	42	42	42	42
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



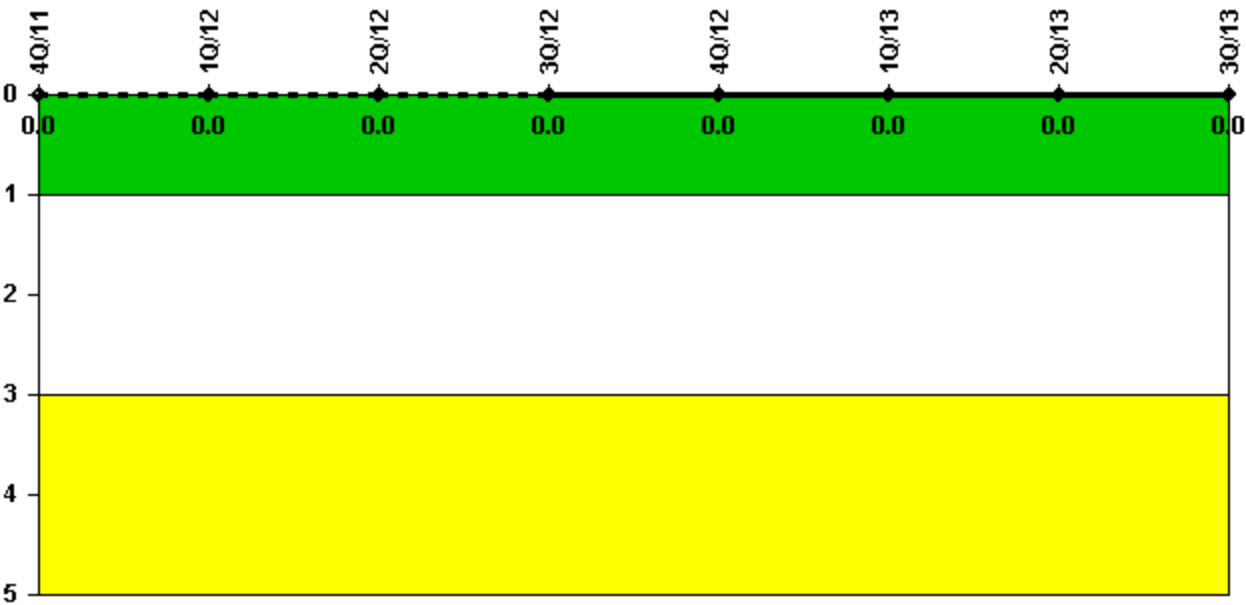
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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

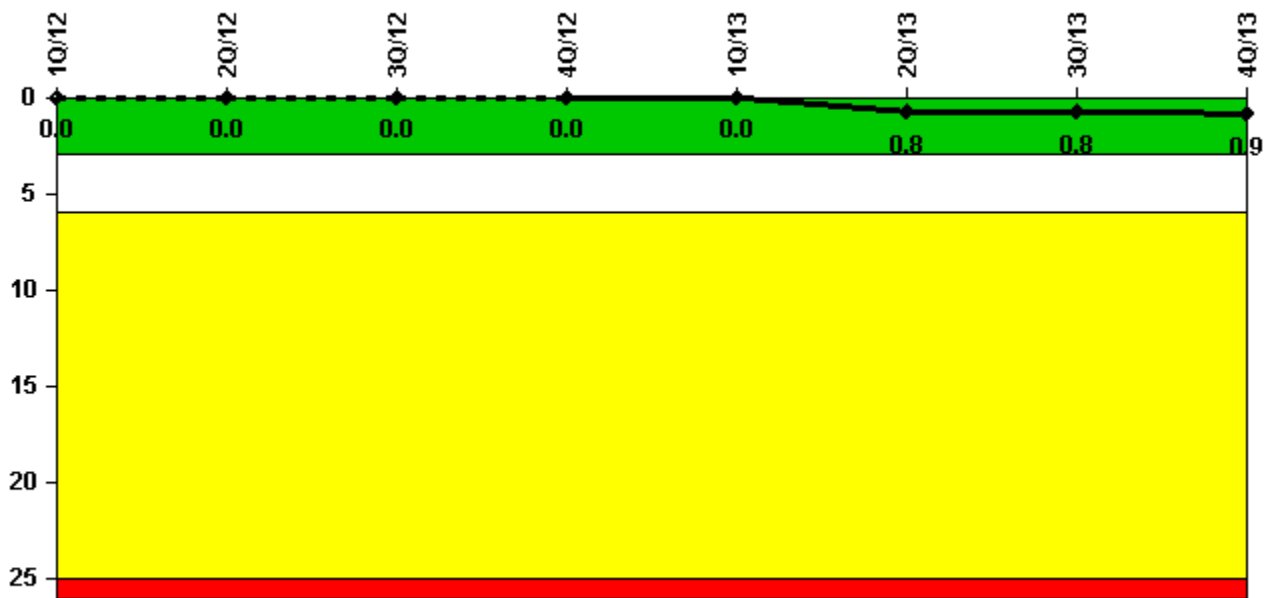
Farley 1

4Q/2013 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: Unit 1 LER - 2013-002-00 1B Emergency Diesel Generator in a condition prohibited by tech specs due to an unreliable Mechanism Operated Cell (MOC) switch.

Unplanned Scrams per 7000 Critical Hrs



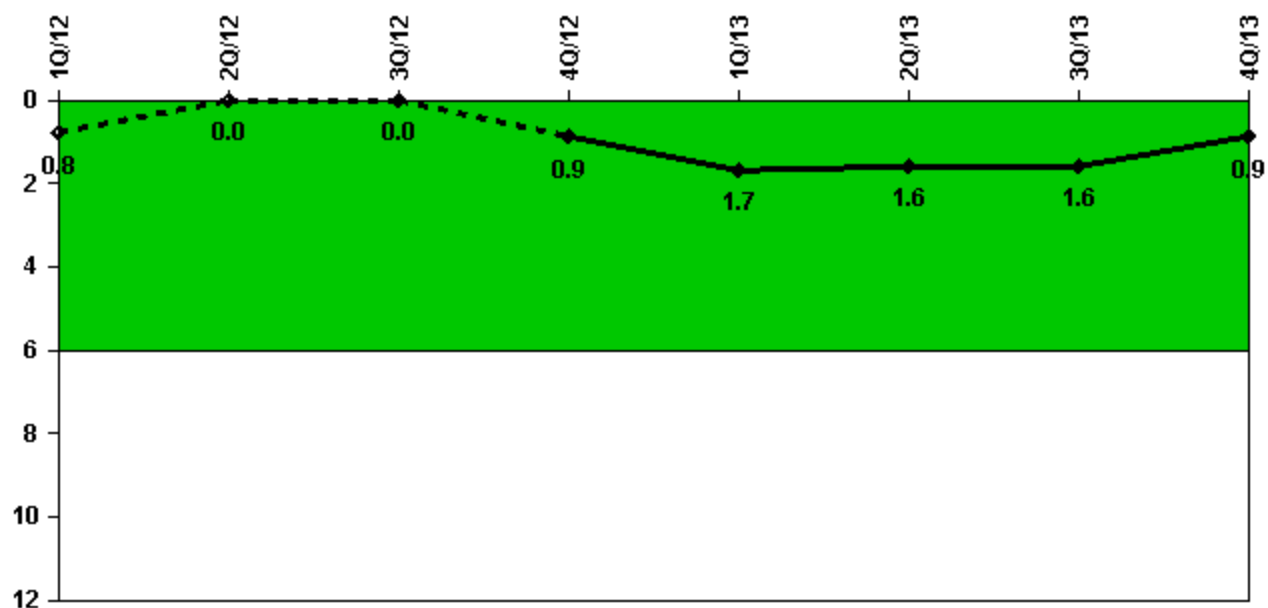
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Unplanned scrams	0	0	0	0	0	1.0	0	0
Critical hours	2093.0	1606.2	2141.1	2209.0	2159.0	2140.6	2166.8	1621.1
Indicator value	0	0	0	0	0	0.8	0.8	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



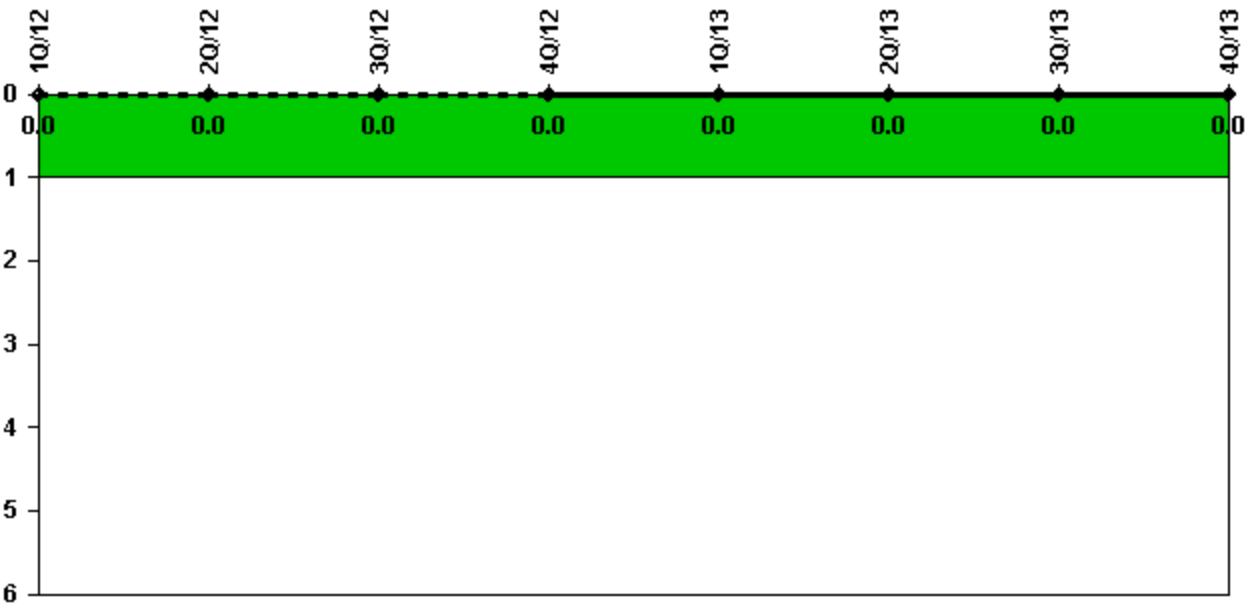
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Unplanned power changes	0	0	0	1.0	1.0	0	0	0
Critical hours	2093.0	1606.2	2141.1	2209.0	2159.0	2140.6	2166.8	1621.1
Indicator value	0.8	0	0	0.9	1.7	1.6	1.6	0.9

Licensee Comments: none

Unplanned Scrams with Complications



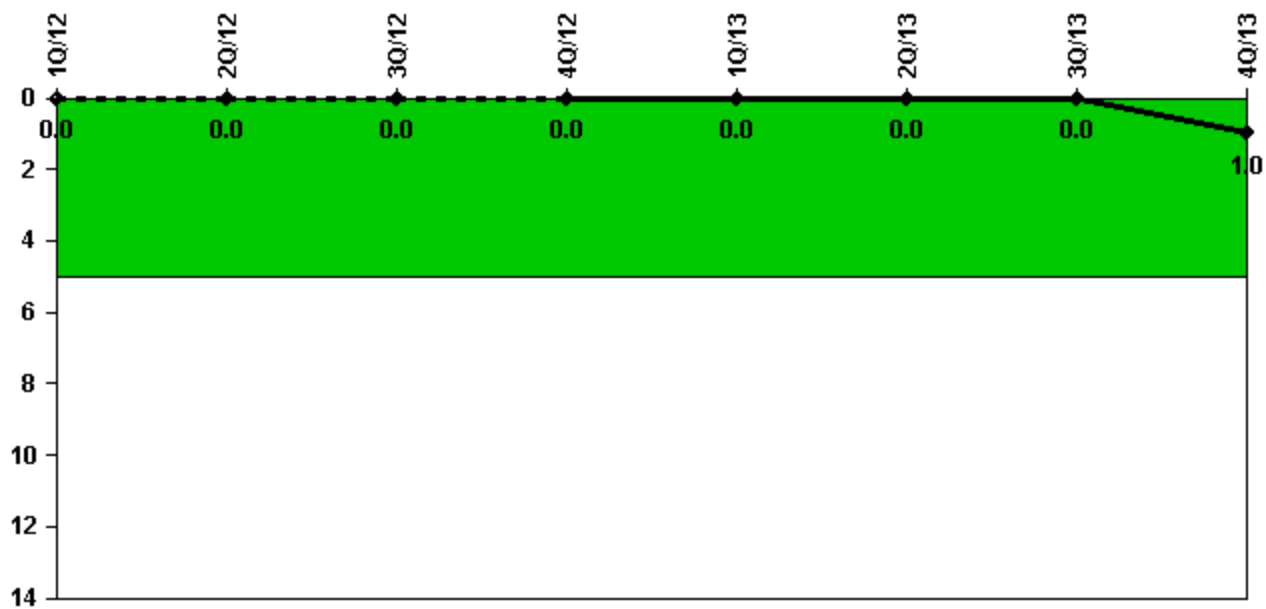
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



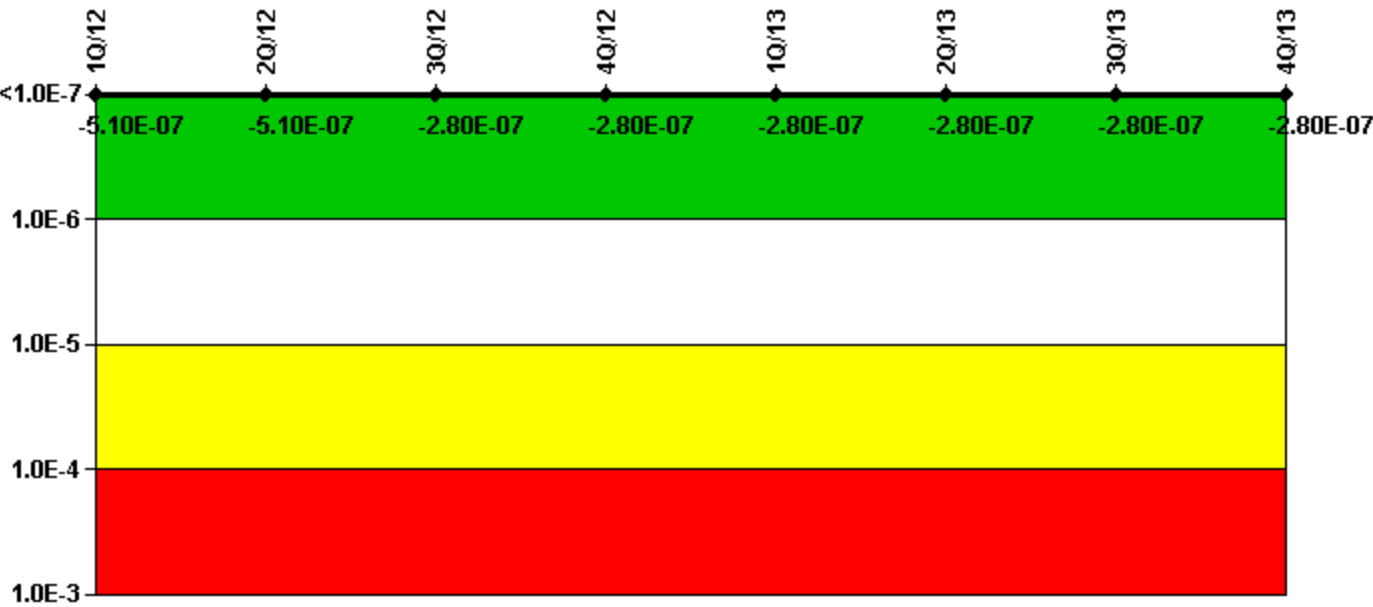
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Safety System Functional Failures	0	0	0	0	0	0	0	1
Indicator value	0	0	0	0	0	0	0	1

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

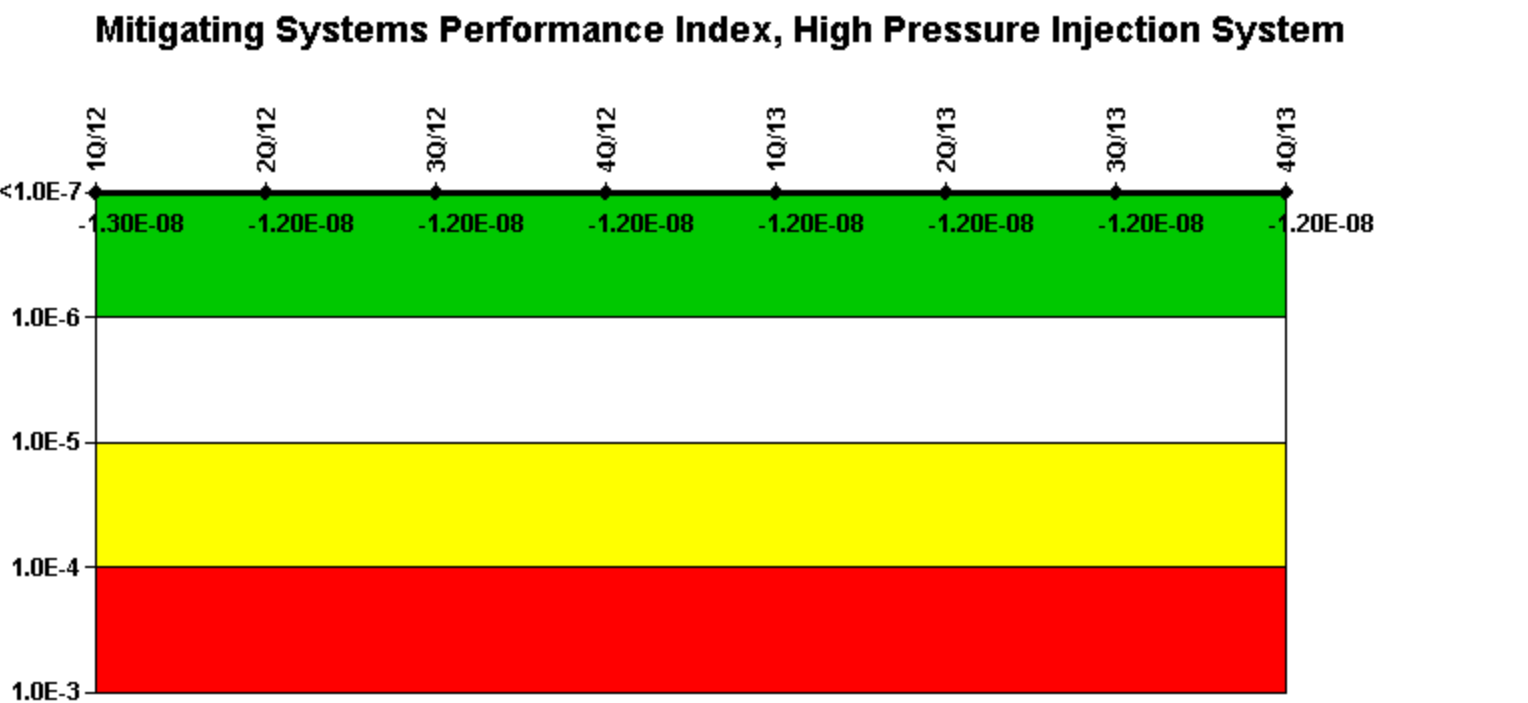


Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (ΔCDF)	-2.68E-08	-2.57E-08	3.51E-08	3.51E-08	3.51E-08	3.53E-08	3.55E-08	3.42E-08
URI (ΔCDF)	-4.87E-07	-4.87E-07	-3.19E-07	-3.19E-07	-3.19E-07	-3.19E-07	-3.19E-07	-3.19E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.10E-07	-5.10E-07	-2.80E-07	-2.80E-07	-2.80E-07	-2.80E-07	-2.80E-07	-2.80E-07

Licensee Comments: none



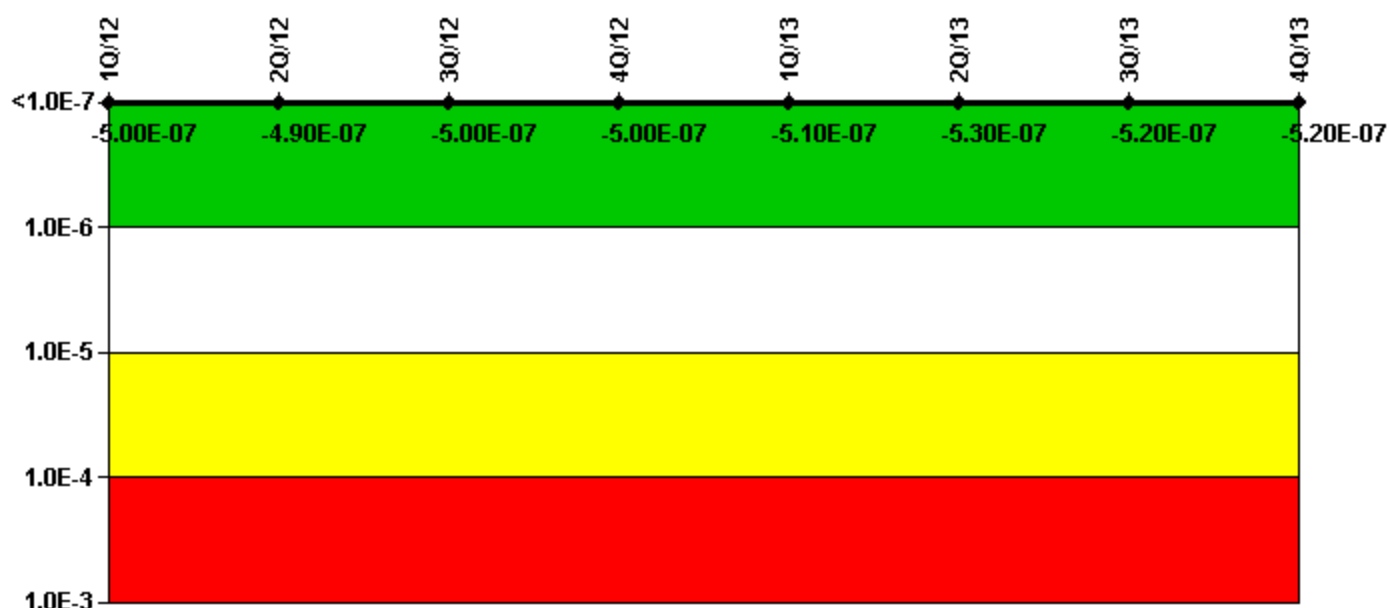
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (ΔCDF)	1.93E-11	6.68E-11	8.79E-11	9.13E-11	1.10E-10	1.64E-10	2.65E-10	2.87E-10
URI (ΔCDF)	-1.26E-08	-1.26E-08	-1.26E-08	-1.26E-08	-1.26E-08	-1.26E-08	-1.26E-08	-1.26E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.30E-08	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



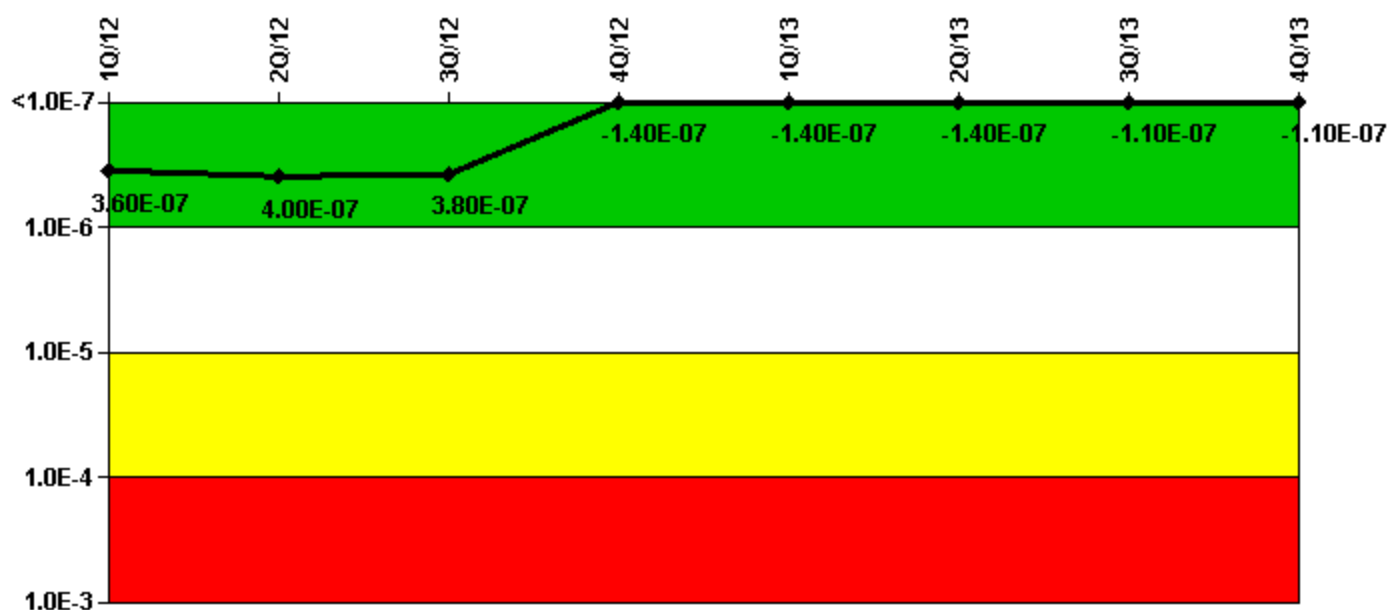
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
UAI (Δ CDF)	-9.03E-08	-8.31E-08	-8.71E-08	-8.71E-08	-9.46E-08	-1.20E-07	-1.07E-07	-1.10E-07
URI (Δ CDF)	-4.12E-07	-4.12E-07	-4.12E-07	-4.12E-07	-4.12E-07	-4.12E-07	-4.12E-07	-4.12E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.00E-07	-4.90E-07	-5.00E-07	-5.00E-07	-5.10E-07	-5.30E-07	-5.20E-07	-5.20E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
UAI (Δ CDF)	1.45E-08	5.76E-08	3.56E-08	1.62E-08	1.51E-08	1.83E-08	4.06E-08	4.99E-08
URI (Δ CDF)	3.45E-07	3.45E-07	3.45E-07	-1.55E-07	-1.55E-07	-1.55E-07	-1.55E-07	-1.55E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.60E-07	4.00E-07	3.80E-07	-1.40E-07	-1.40E-07	-1.40E-07	-1.10E-07	-1.10E-07

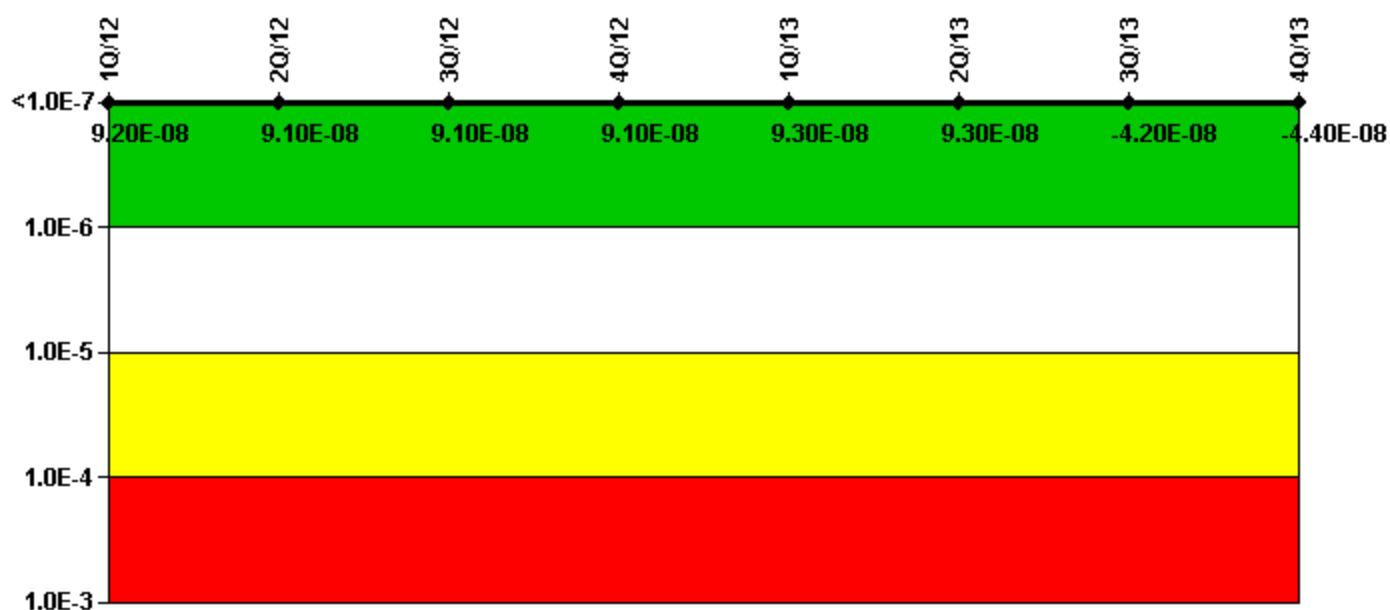
Licensee Comments:

3Q/12: Risk Cap Invoked.

2Q/12: Risk Cap Invoked.

1Q/12: Risk Cap Invoked.

Mitigating Systems Performance Index, Cooling Water Systems



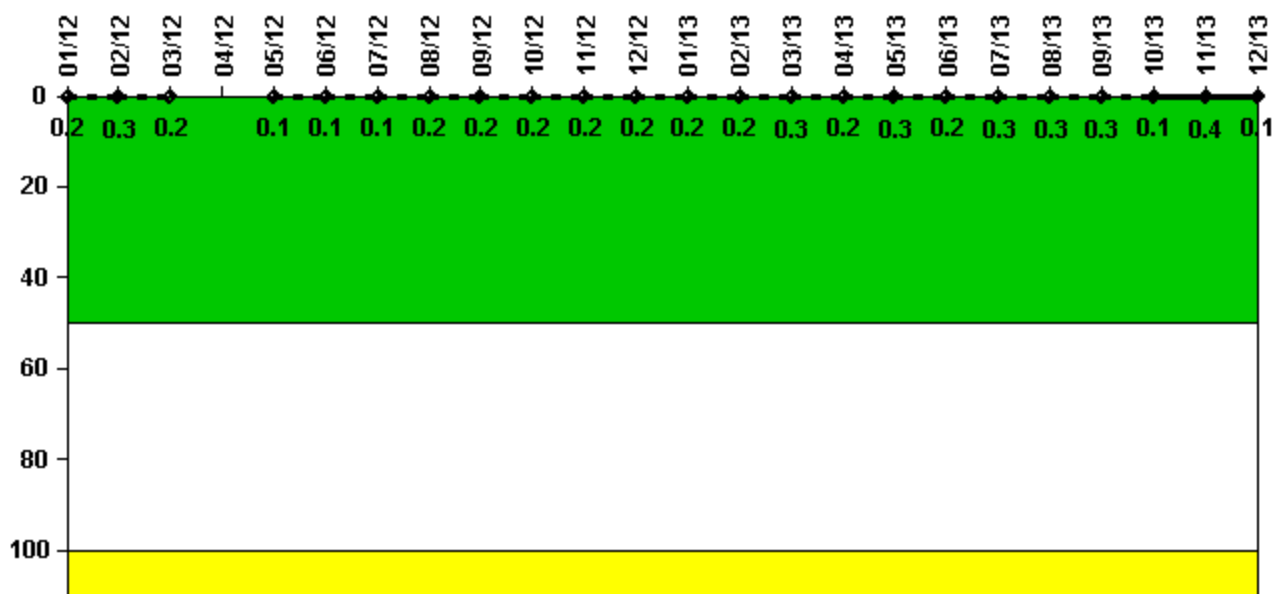
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	2.14E-08	2.13E-08	2.11E-08	2.11E-08	2.24E-08	2.24E-08	9.32E-09	7.10E-09
URI (Δ CDF)	7.02E-08	7.02E-08	7.02E-08	7.02E-08	7.02E-08	7.02E-08	-5.08E-08	-5.08E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	9.20E-08	9.10E-08	9.10E-08	9.10E-08	9.30E-08	9.30E-08	-4.20E-08	-4.40E-08

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

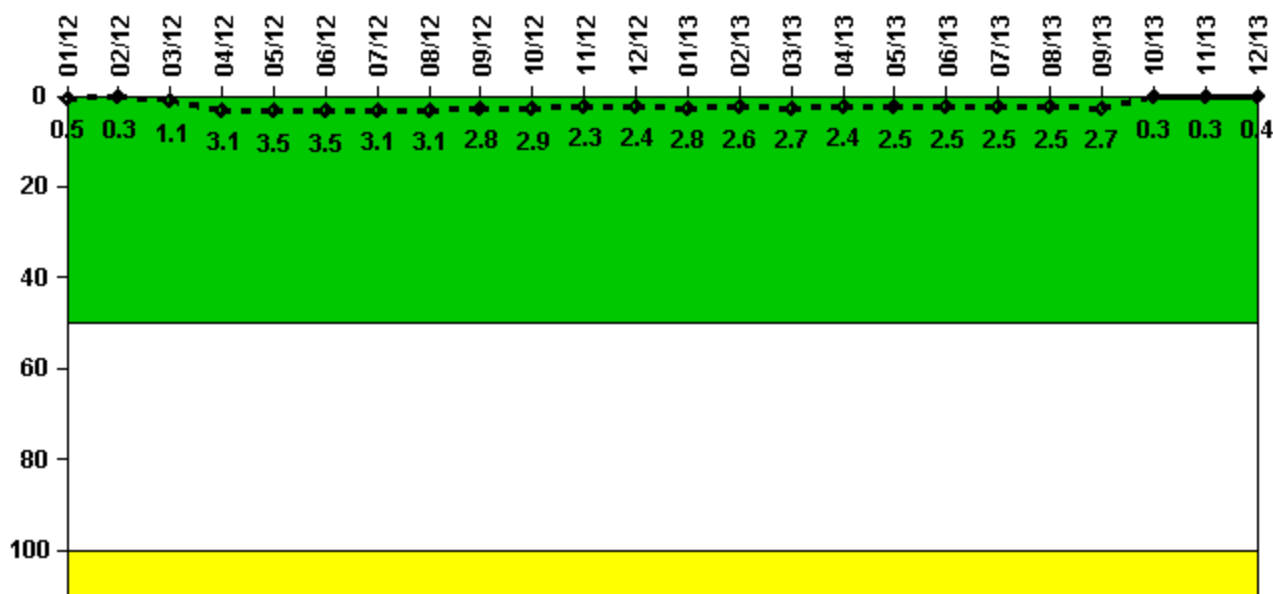
Notes

Reactor Coolant System Activity	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	12/12
Maximum activity	0.001220	0.001280	0.001240	N/A	0.000614	0.000629	0.000730	0.000837	0.000819	0.000885	0.000929	0.001140
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.2	0.3	0.2	N/A	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2

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	0.001110	0.001220	0.001260	0.001210	0.001310	0.001110	0.001300	0.001330	0.001320	0.000492	0.002170	0.000649
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.2	0.2	0.3	0.2	0.3	0.2	0.3	0.3	0.3	0.1	0.4	0.1

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

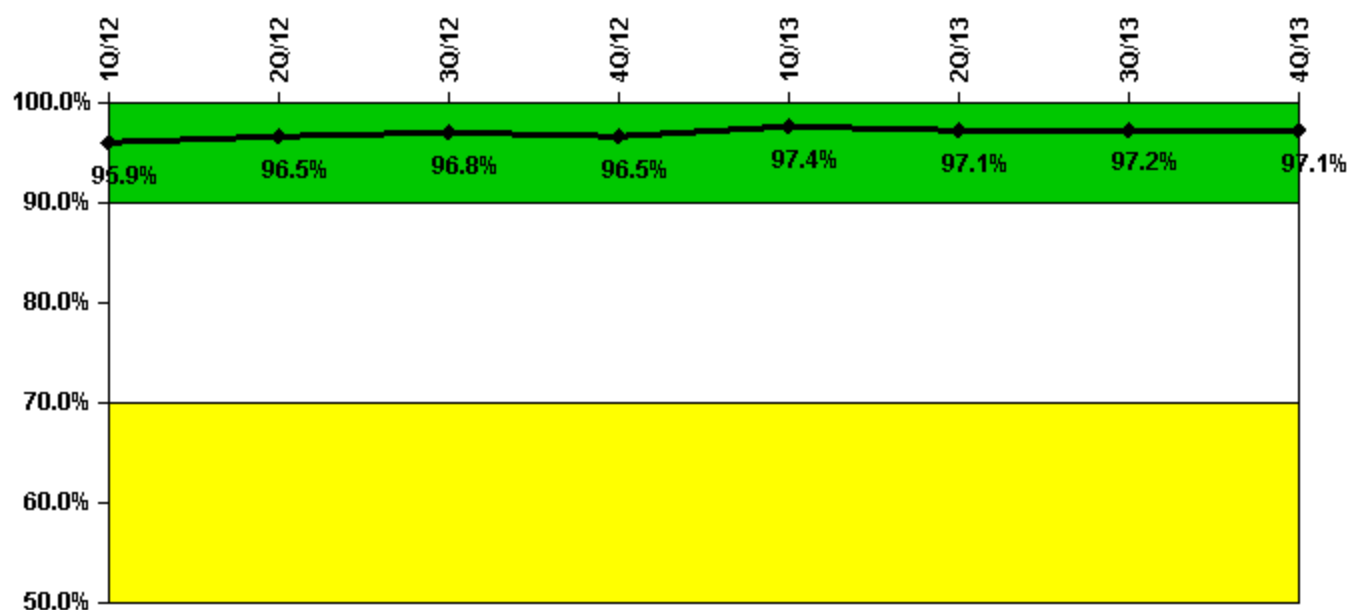
Notes

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	0.050	0.029	0.105	0.308	0.350	0.349	0.314	0.308	0.275	0.292	0.232	0.235
Technical specification limit	10.0	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	0.3	1.1	3.1	3.5	3.5	3.1	3.1	2.8	2.9	2.3	2.4
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	0.278	0.256	0.270	0.242	0.246	0.253	0.253	0.254	0.268	0.027	0.031	0.035
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.8	2.6	2.7	2.4	2.5	2.5	2.5	2.5	2.7	0.3	0.3	0.4

Licensee Comments:

6/12: April RCS Activity data not available because of U1 Outage

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

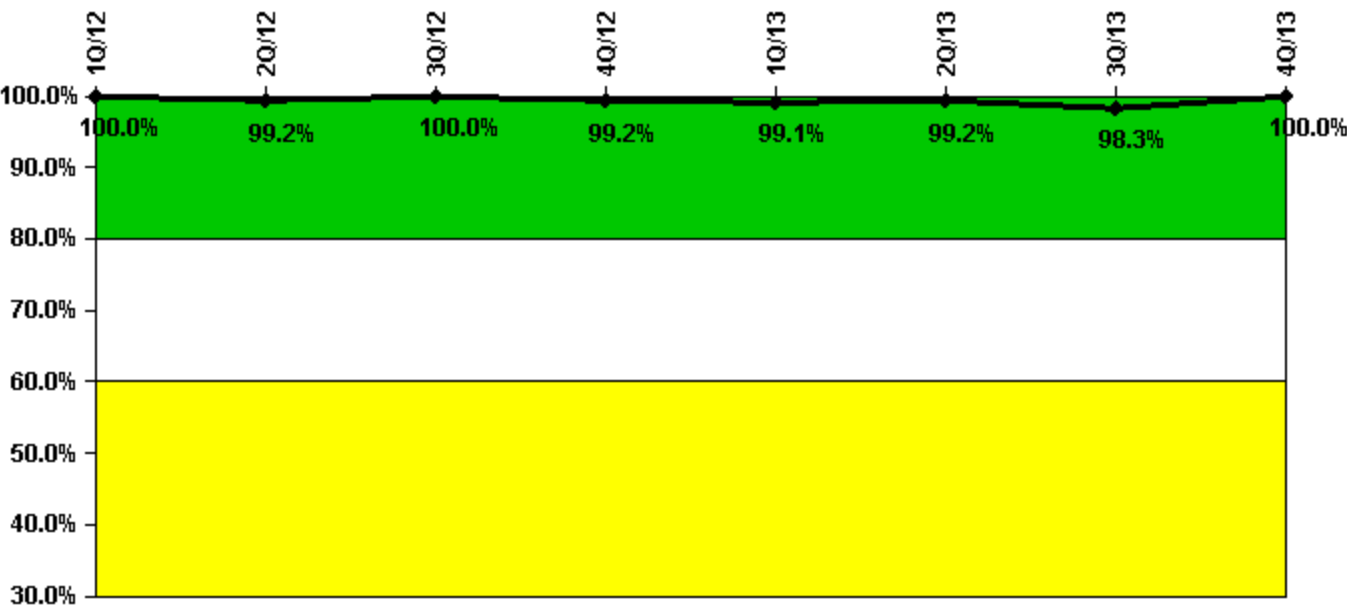
Notes

Drill/Exercise Performance	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Successful opportunities	39.0	14.0	62.0	45.0	40.0	47.0	37.0	18.0
Total opportunities	40.0	15.0	64.0	47.0	40.0	50.0	37.0	18.0
Indicator value	95.9%	96.5%	96.8%	96.5%	97.4%	97.1%	97.2%	97.1%

Licensee Comments:

1Q/12: Data changed due to an entry error at the site.

ERO Drill Participation



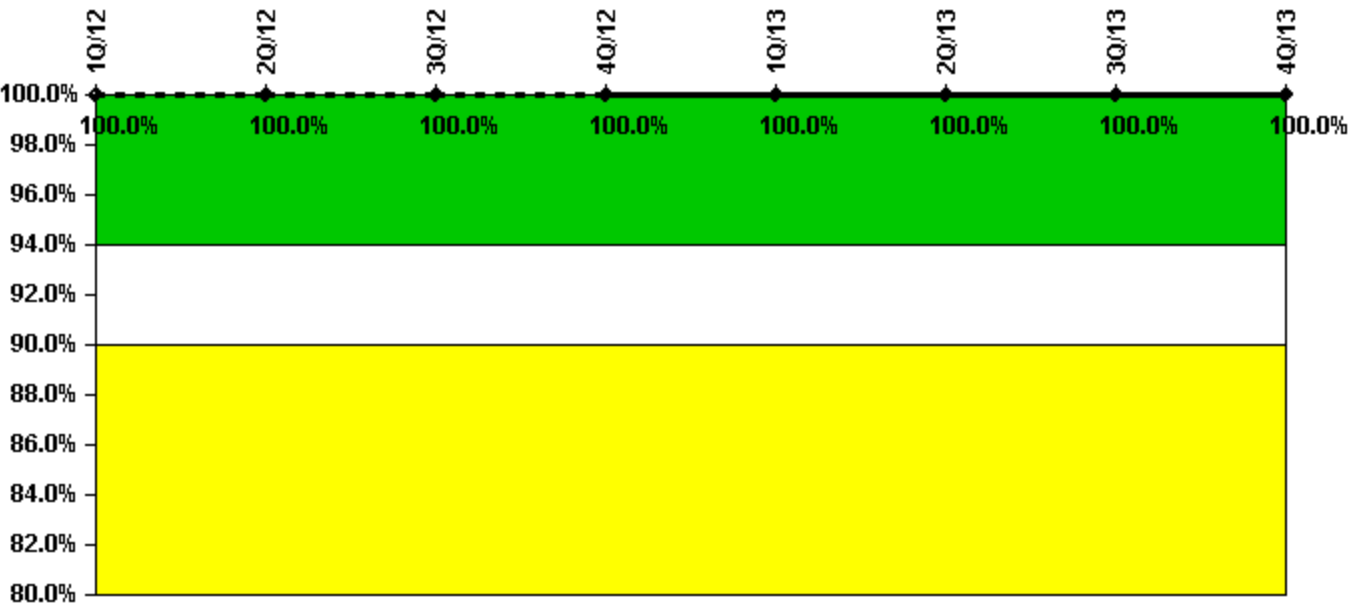
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Participating Key personnel	130.0	127.0	123.0	122.0	108.0	117.0	117.0	121.0
Total Key personnel	130.0	128.0	123.0	123.0	109.0	118.0	119.0	121.0
Indicator value	100.0%	99.2%	100.0%	99.2%	99.1%	99.2%	98.3%	100.0%

Licensee Comments: none

Alert & Notification System



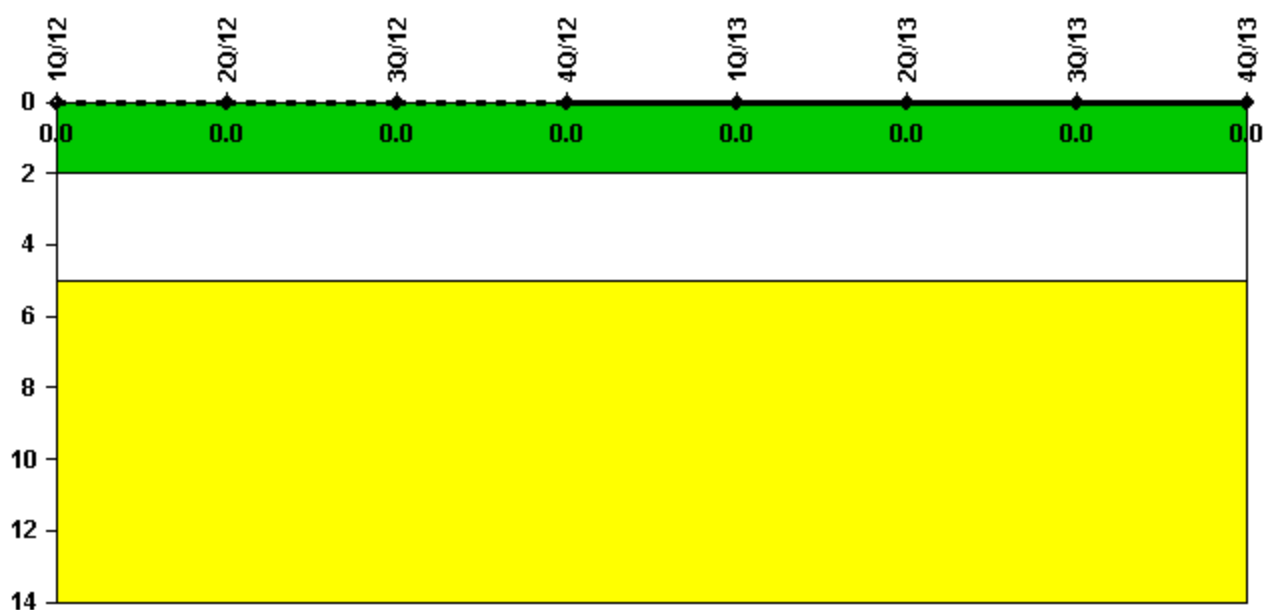
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Successful siren-tests	42	42	39	42	42	42	42	42
Total sirens-tests	42	42	39	42	42	42	42	42
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



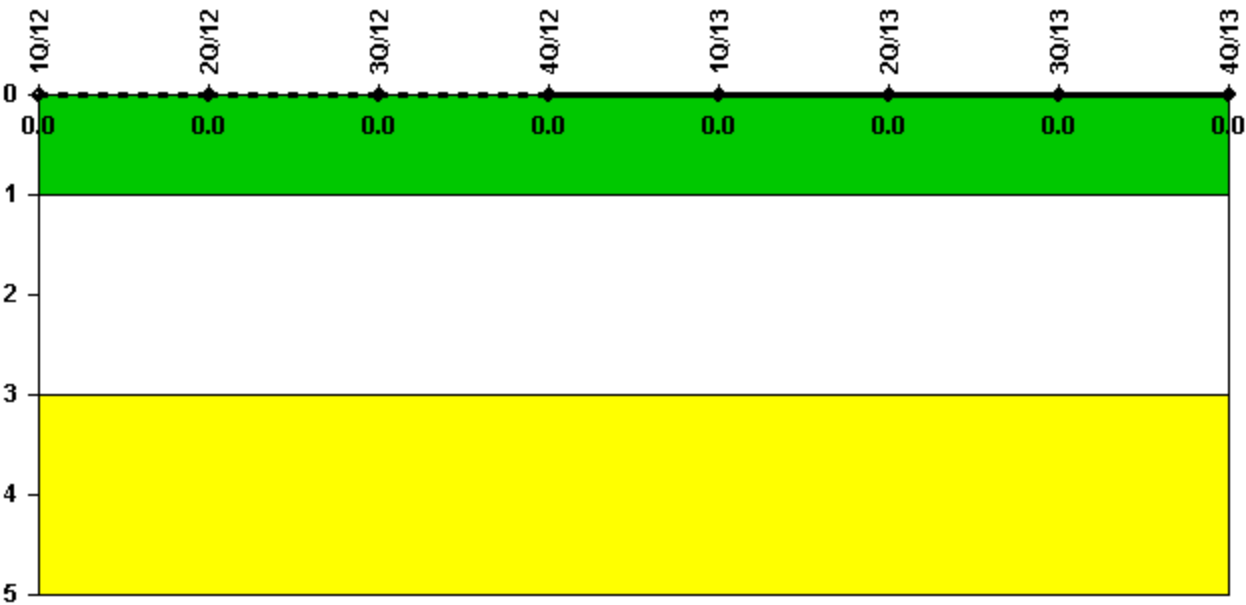
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/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

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

Last Modified: January 22, 2014

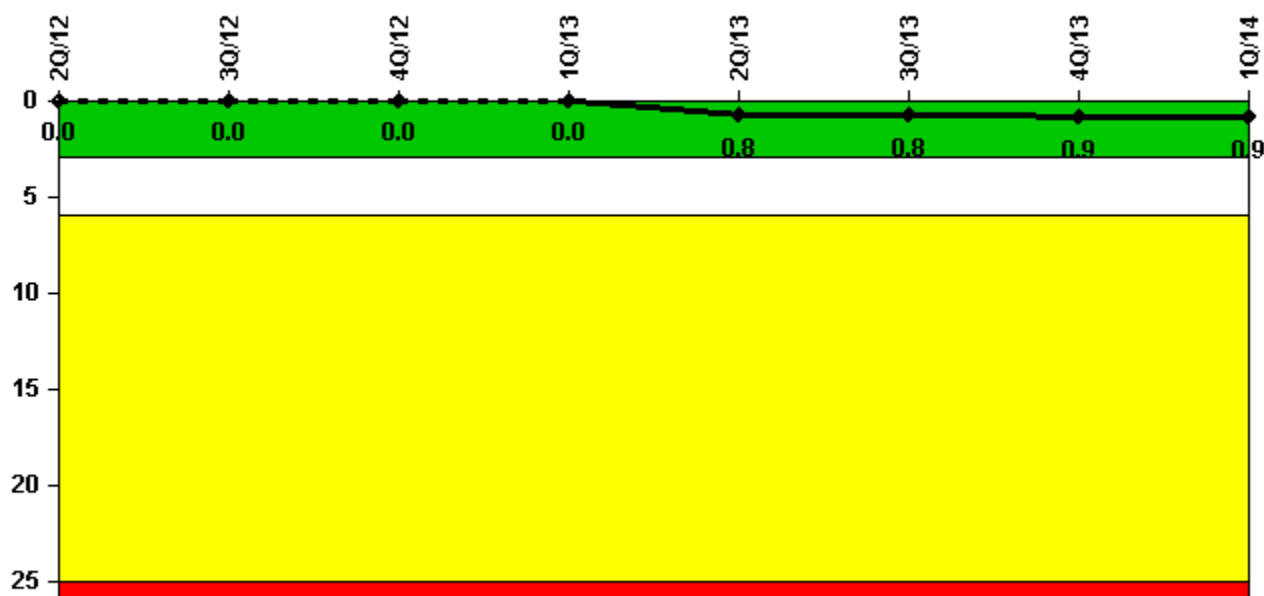
Farley 1

1Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: System updated to remove the PRA credit that was once given for the plant modification with the RCP Shutdown Seals. This update went back to the 4th Q2013 due to the confirmed Beaver Valley failure in July 2013. In addition, the High Pressure Injection System was updated from Q2 2012 to the end of Q3 2013 due the PRA value being incorrect. None of these changes resulted in a color change.

Unplanned Scrams per 7000 Critical Hrs



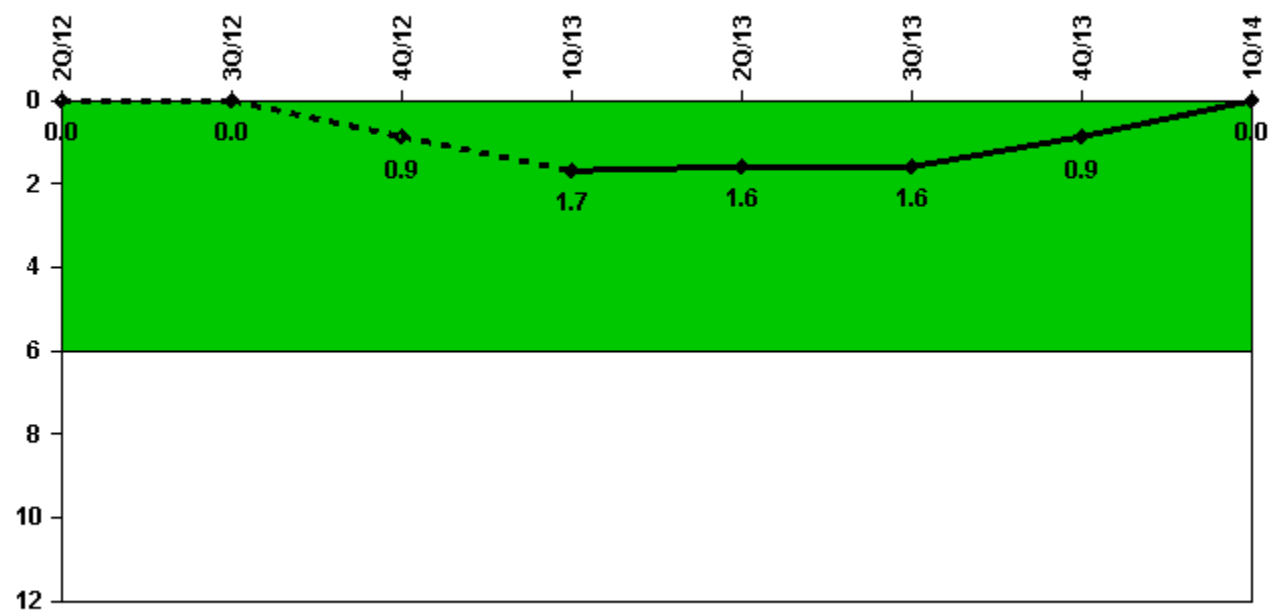
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Unplanned scrams	0	0	0	0	1.0	0	0	0
Critical hours	1606.2	2141.1	2209.0	2159.0	2140.6	2166.8	1621.1	2159.0
Indicator value	0	0	0	0	0.8	0.8	0.9	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



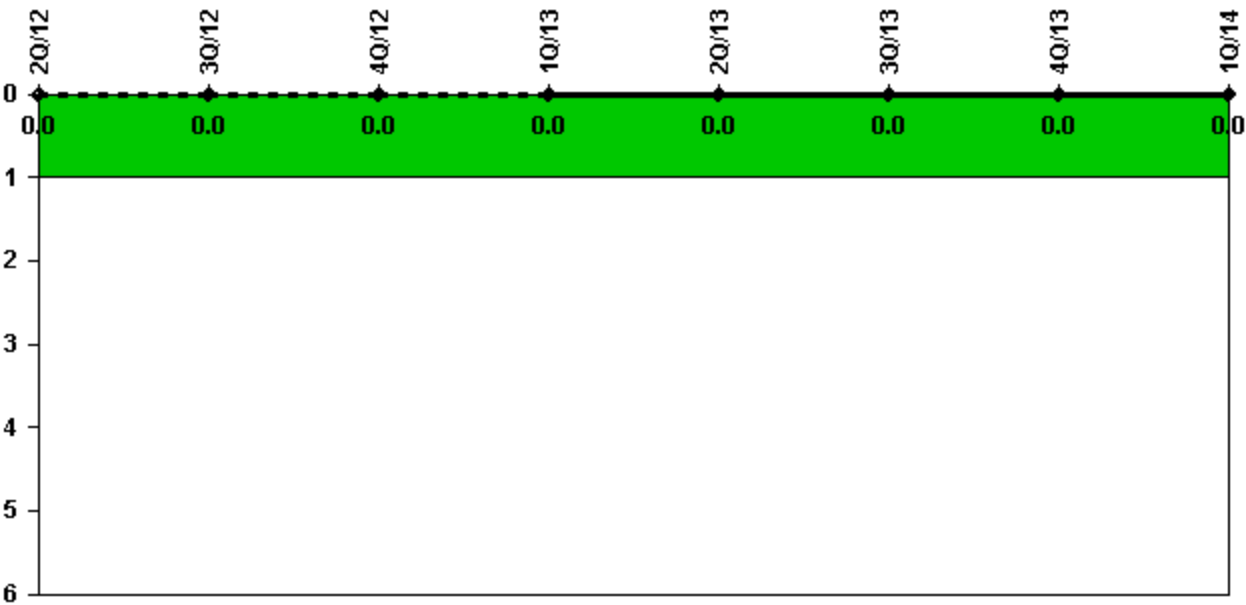
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Unplanned power changes	0	0	1.0	1.0	0	0	0	0
Critical hours	1606.2	2141.1	2209.0	2159.0	2140.6	2166.8	1621.1	2159.0
Indicator value	0	0	0.9	1.7	1.6	1.6	0.9	0

Licensee Comments: none

Unplanned Scrams with Complications



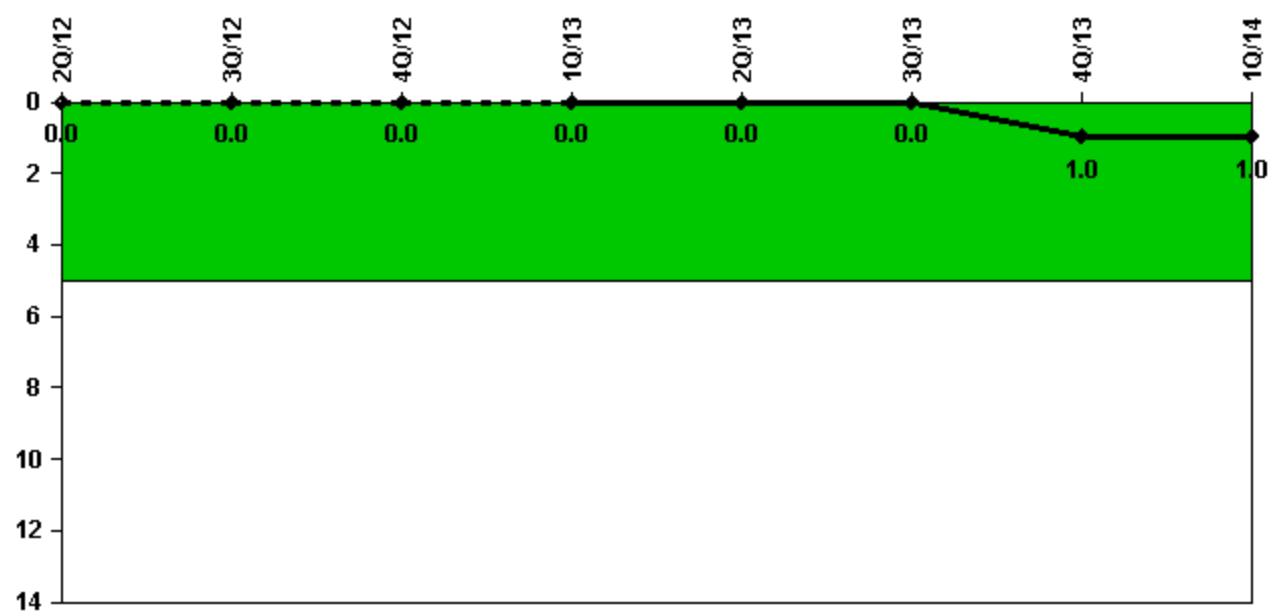
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



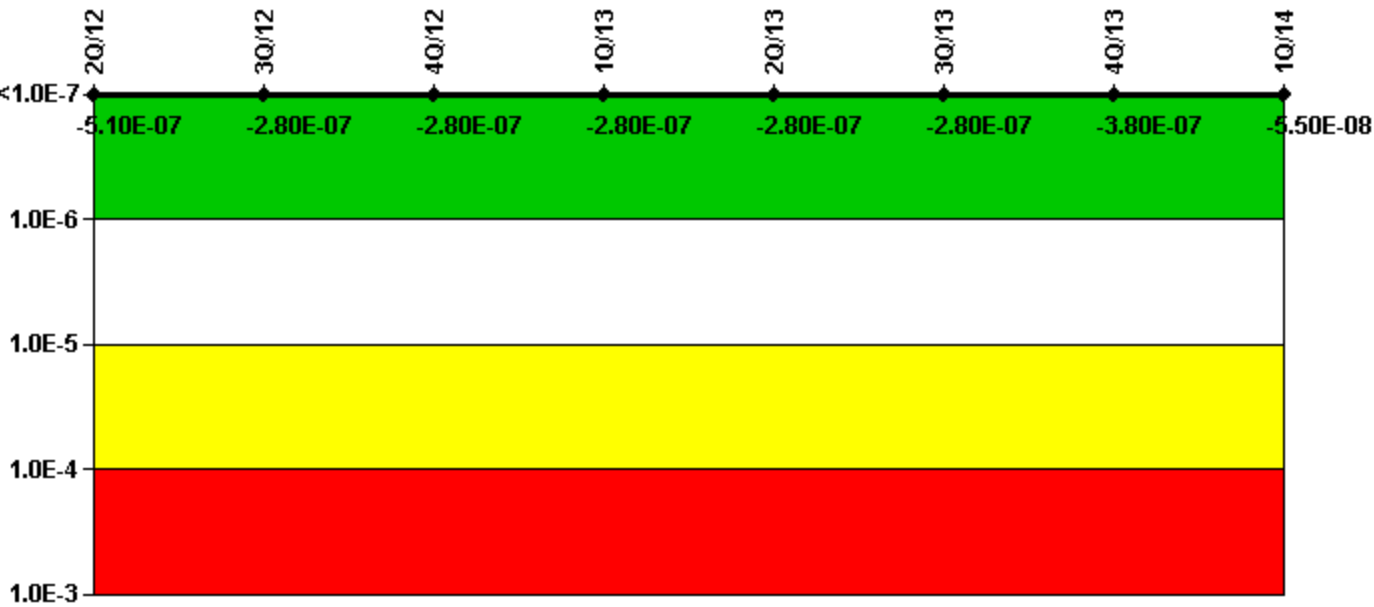
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
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

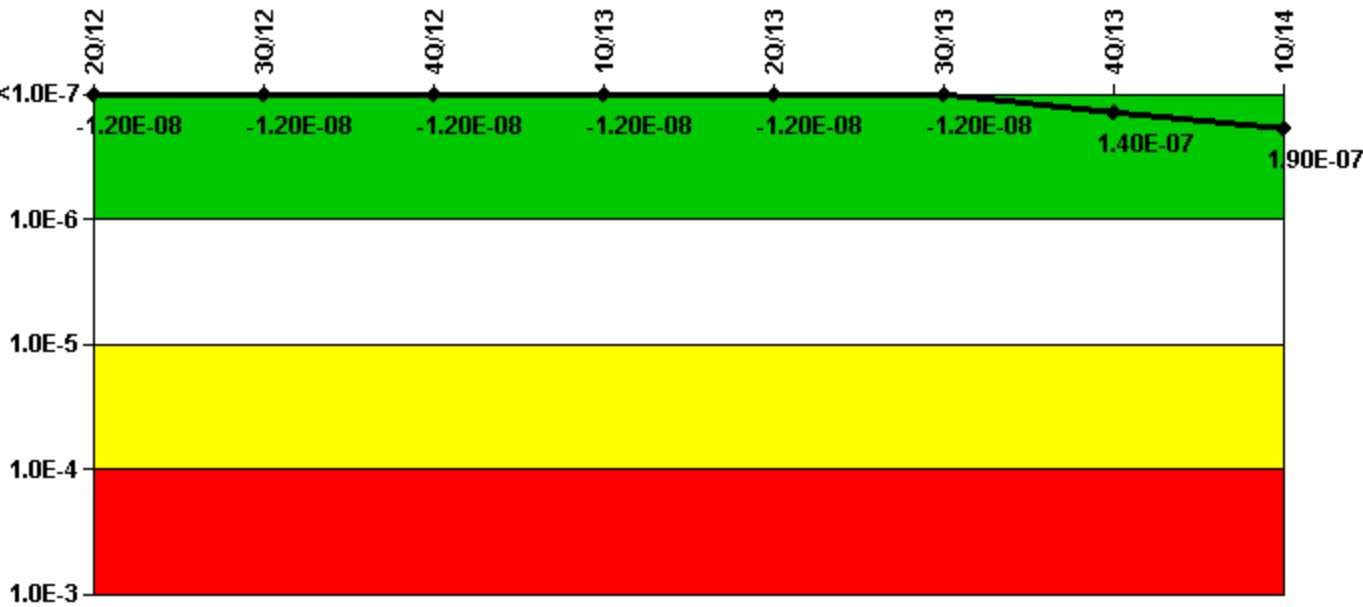
Mitigating Systems Performance Index, Emergency AC Power System	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
UAI (ΔCDF)	-2.57E-08	3.51E-08	3.51E-08	3.51E-08	3.53E-08	3.55E-08	1.16E-07	1.61E-07
URI (ΔCDF)	-4.87E-07	-3.19E-07	-3.19E-07	-3.19E-07	-3.19E-07	-3.19E-07	-4.98E-07	-2.16E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.10E-07	-2.80E-07	-2.80E-07	-2.80E-07	-2.80E-07	-2.80E-07	-3.80E-07	-5.50E-08

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

4Q/13: Changed PRA Parameter(s).

Mitigating Systems Performance Index, High Pressure Injection System



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

Notes

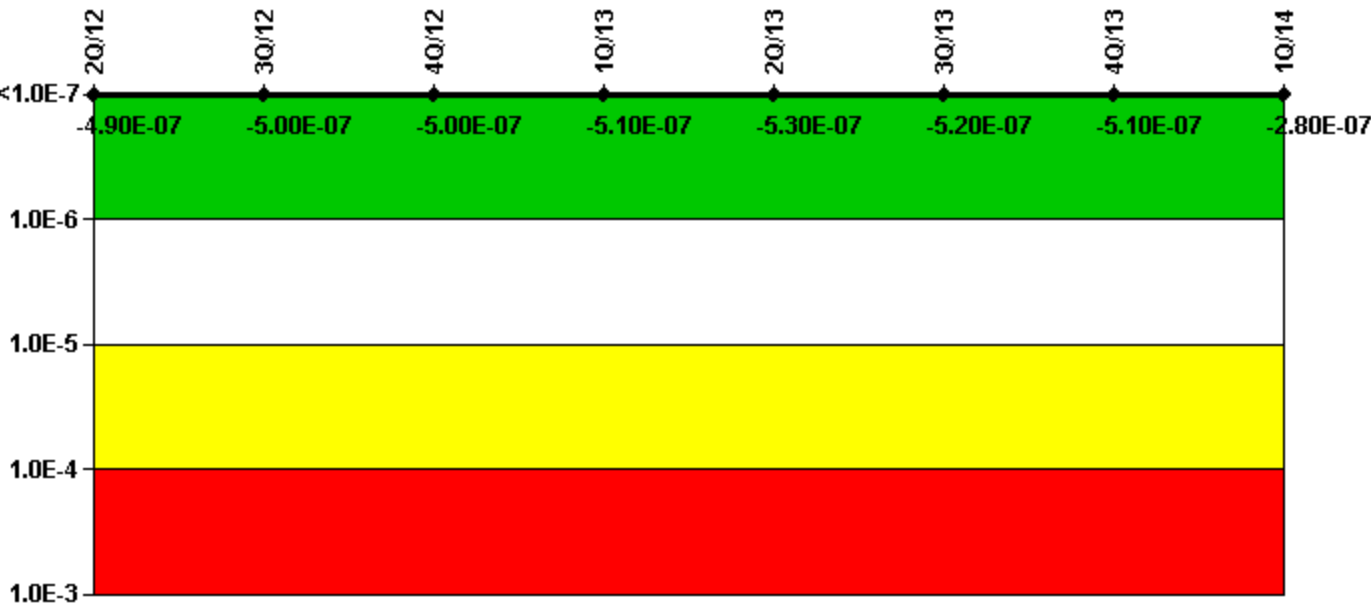
Mitigating Systems Performance Index, High Pressure Injection System	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
UAI (ΔCDF)	6.68E-11	8.79E-11	9.13E-11	1.10E-10	1.64E-10	2.65E-10	1.78E-07	2.25E-07
URI (ΔCDF)	-1.26E-08	-1.26E-08	-1.26E-08	-1.26E-08	-1.26E-08	-1.26E-08	-3.78E-08	-3.78E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08	1.40E-07	1.90E-07

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

4Q/13: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



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

Notes

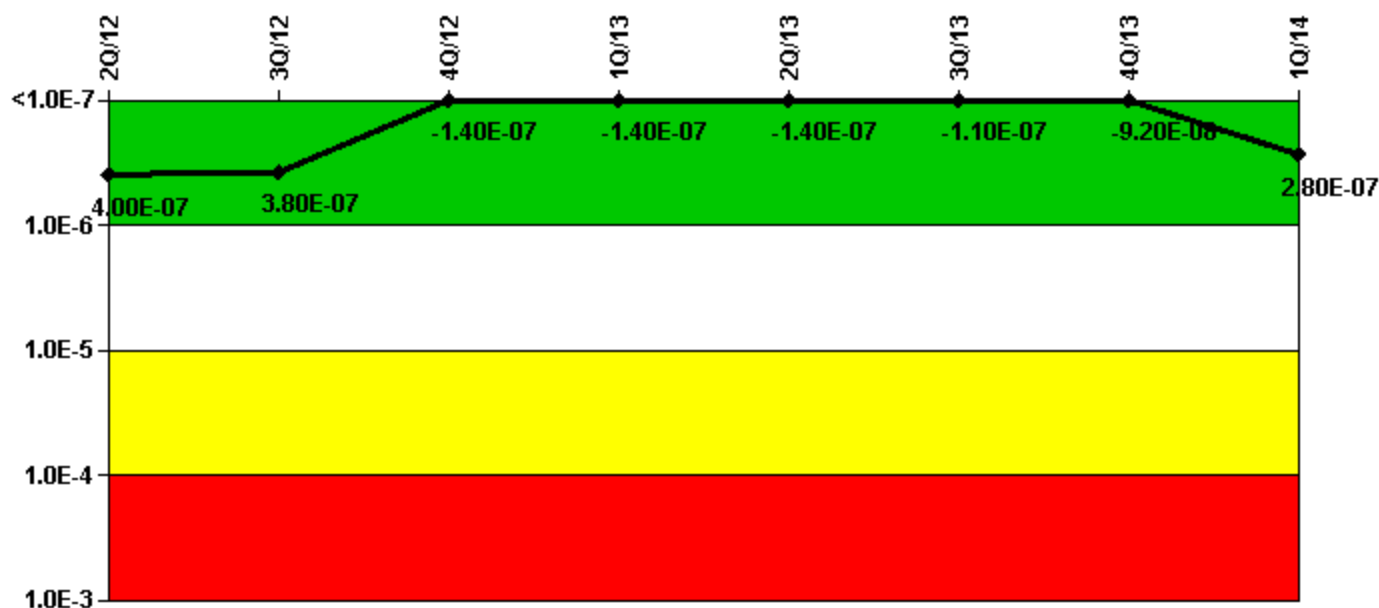
Mitigating Systems Performance Index, Heat Removal System	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
UAI (ΔCDF)	-8.31E-08	-8.71E-08	-8.71E-08	-9.46E-08	-1.20E-07	-1.07E-07	-1.07E-07	1.17E-07
URI (ΔCDF)	-4.12E-07	-4.12E-07	-4.12E-07	-4.12E-07	-4.12E-07	-4.12E-07	-4.00E-07	-4.00E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.90E-07	-5.00E-07	-5.00E-07	-5.10E-07	-5.30E-07	-5.20E-07	-5.10E-07	-2.80E-07

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

4Q/13: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System



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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
UAI (Δ CDF)	5.76E-08	3.56E-08	1.62E-08	1.51E-08	1.83E-08	4.06E-08	1.29E-07	5.03E-07
URI (Δ CDF)	3.45E-07	3.45E-07	-1.55E-07	-1.55E-07	-1.55E-07	-1.55E-07	-2.21E-07	-2.21E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.00E-07	3.80E-07	-1.40E-07	-1.40E-07	-1.40E-07	-1.10E-07	-9.20E-08	2.80E-07

Licensee Comments:

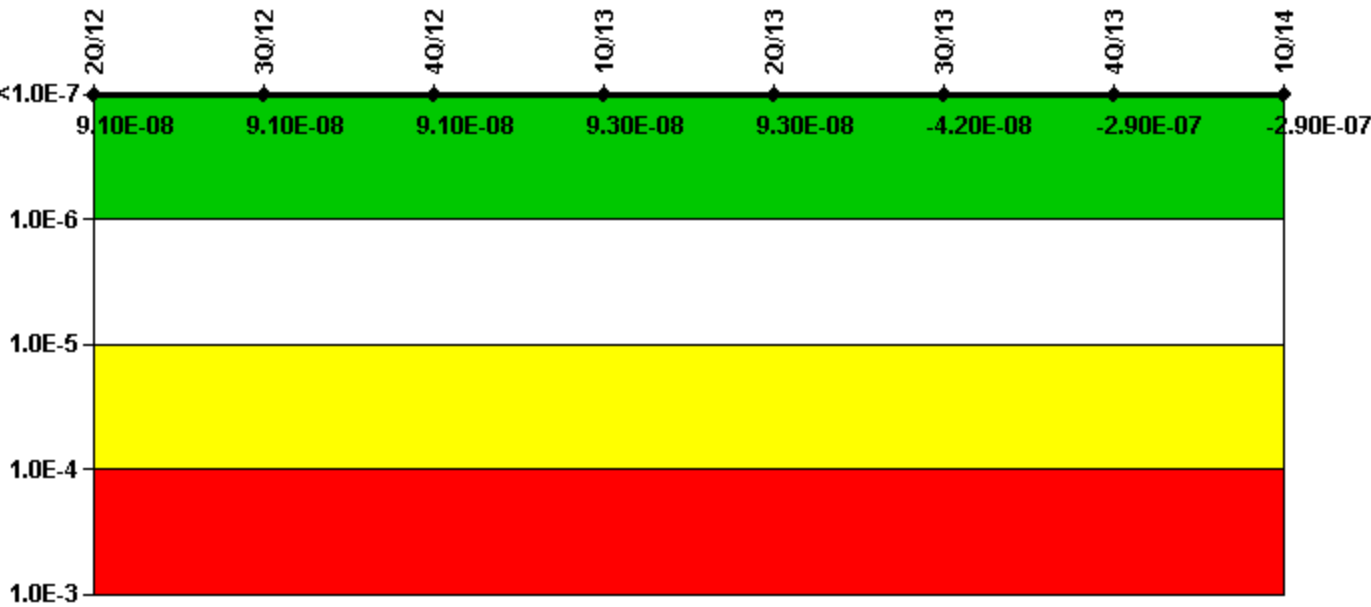
1Q/14: Changed PRA Parameter(s).

4Q/13: Changed PRA Parameter(s).

3Q/12: Risk Cap Invoked.

2Q/12: Risk Cap Invoked.

Mitigating Systems Performance Index, Cooling Water Systems



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

Notes

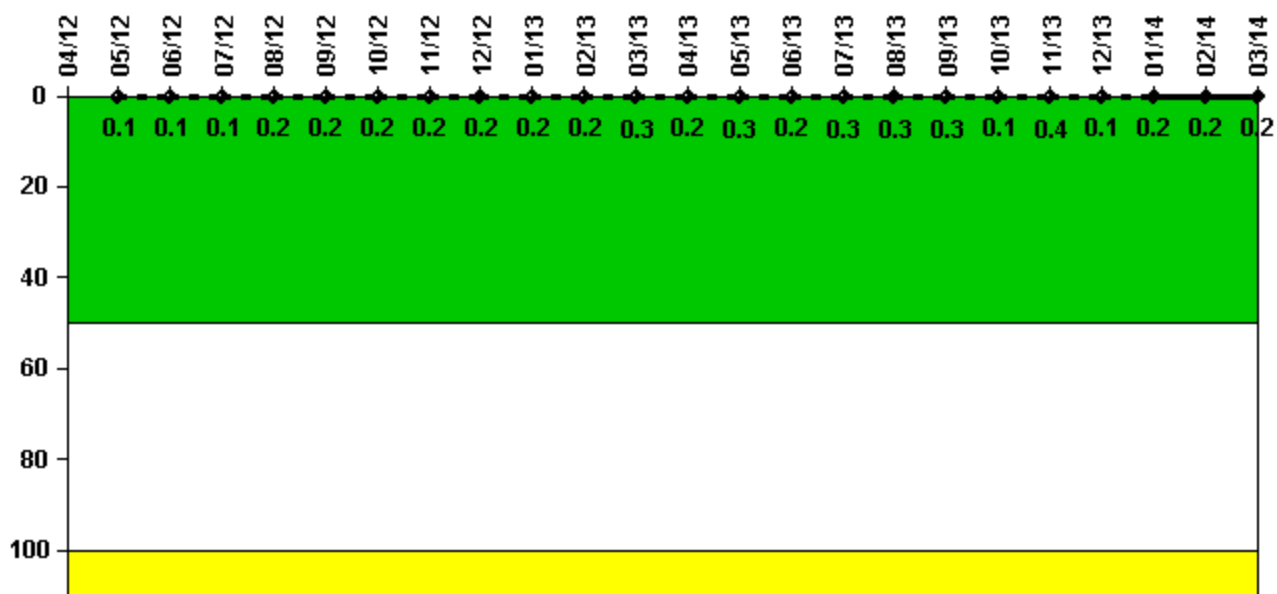
Mitigating Systems Performance Index, Cooling Water Systems	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
UAI (ΔCDF)	2.13E-08	2.11E-08	2.11E-08	2.24E-08	2.24E-08	9.32E-09	2.31E-08	2.31E-08
URI (ΔCDF)	7.02E-08	7.02E-08	7.02E-08	7.02E-08	7.02E-08	-5.08E-08	-3.13E-07	-3.13E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	9.10E-08	9.10E-08	9.10E-08	9.30E-08	9.30E-08	-4.20E-08	-2.90E-07	-2.90E-07

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

4Q/13: Changed PRA Parameter(s).

Reactor Coolant System Activity



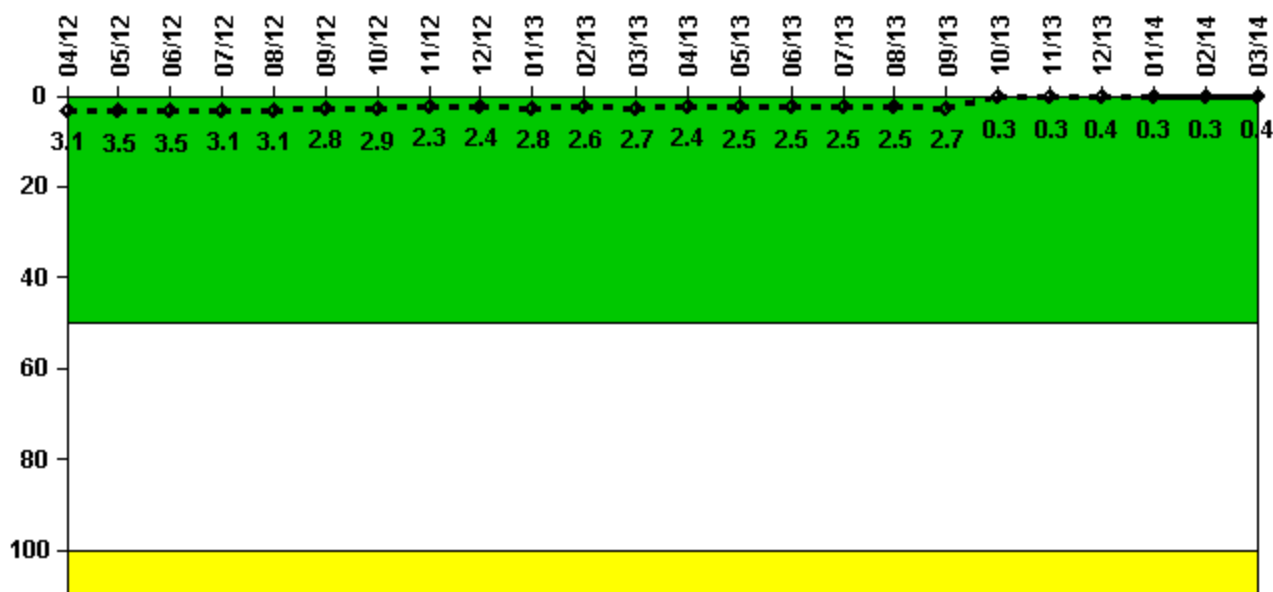
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	12/12	1/13	2/13	3/13
Maximum activity	N/A	0.000614	0.000629	0.000730	0.000837	0.000819	0.000885	0.000929	0.001140	0.001110	0.001220	0.001260
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	N/A	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3
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	0.001210	0.001310	0.001110	0.001300	0.001330	0.001320	0.000492	0.002170	0.000649	0.000751	0.000772	0.000803
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.2	0.3	0.2	0.3	0.3	0.3	0.1	0.4	0.1	0.2	0.2	0.2

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

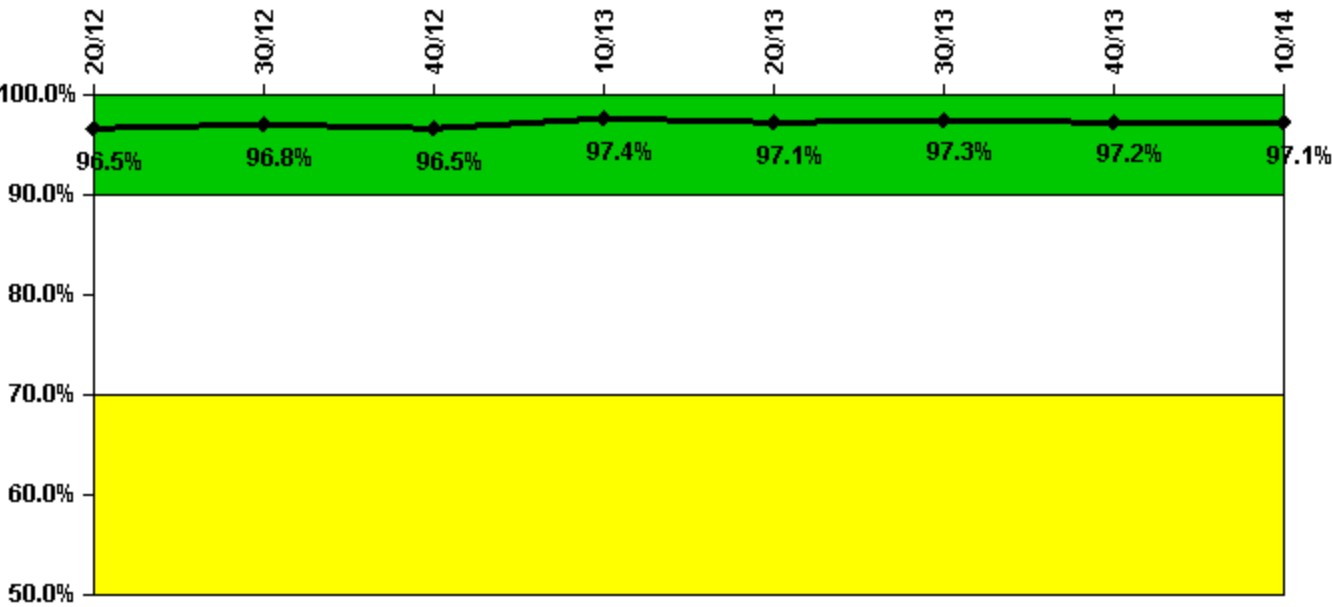
Notes

Reactor Coolant System Leakage	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	12/12	1/13	2/13	3/13
Maximum leakage	0.308	0.350	0.349	0.314	0.308	0.275	0.292	0.232	0.235	0.278	0.256	0.270
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	3.1	3.5	3.5	3.1	3.1	2.8	2.9	2.3	2.4	2.8	2.6	2.7
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	0.242	0.246	0.253	0.253	0.254	0.268	0.027	0.031	0.035	0.034	0.029	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	2.4	2.5	2.5	2.5	2.5	2.7	0.3	0.3	0.4	0.3	0.3	0.4

Licensee Comments:

6/12: April RCS Activity data not available because of U1 Outage

Drill/Exercise Performance



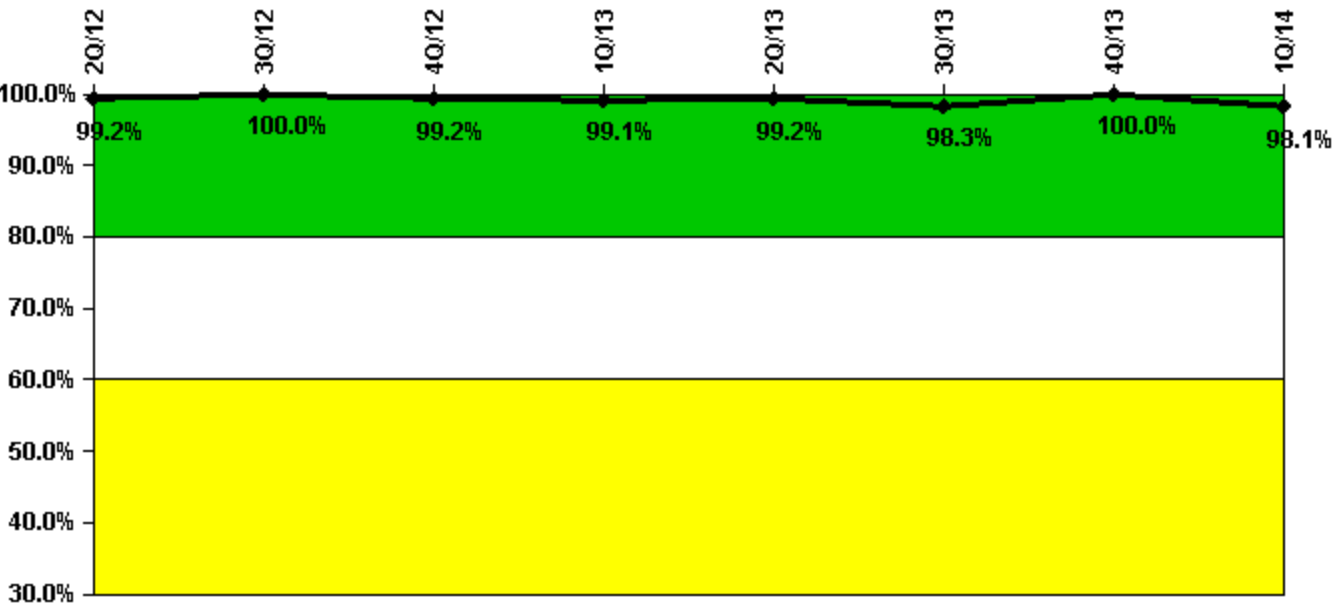
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Successful opportunities	14.0	62.0	45.0	40.0	47.0	46.0	18.0	27.0
Total opportunities	15.0	64.0	47.0	40.0	50.0	46.0	18.0	28.0
Indicator value	96.5%	96.8%	96.5%	97.4%	97.1%	97.3%	97.2%	97.1%

Licensee Comments: none

ERO Drill Participation



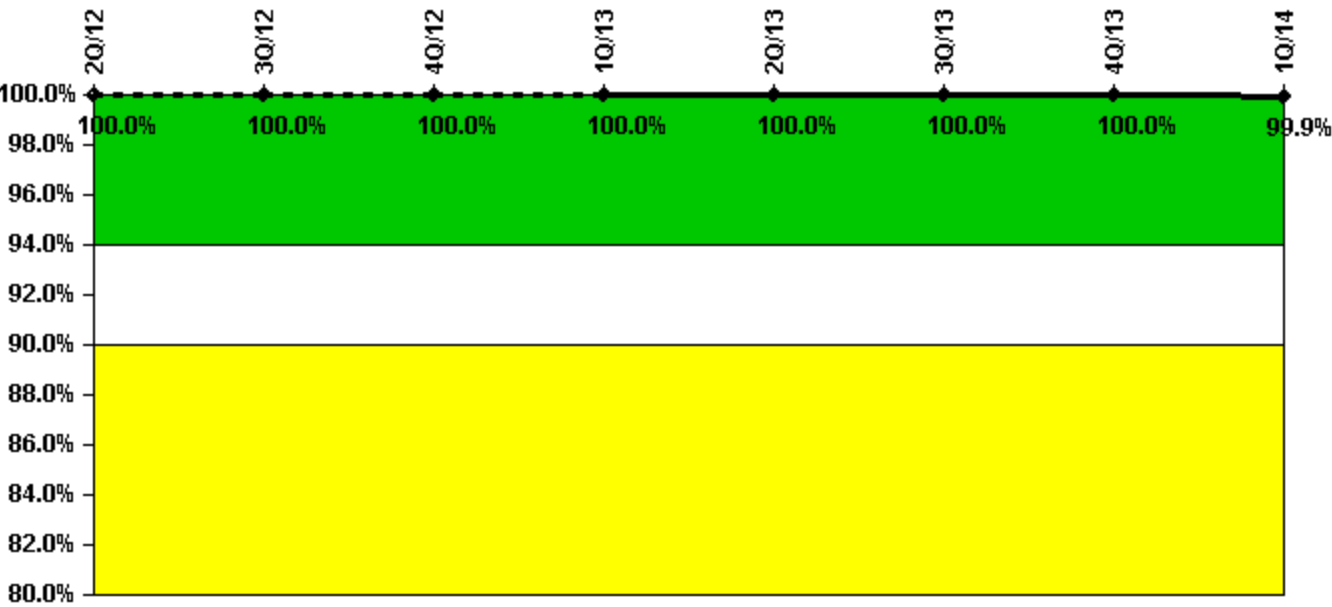
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Participating Key personnel	127.0	123.0	122.0	108.0	117.0	117.0	121.0	103.0
Total Key personnel	128.0	123.0	123.0	109.0	118.0	119.0	121.0	105.0
Indicator value	99.2%	100.0%	99.2%	99.1%	99.2%	98.3%	100.0%	98.1%

Licensee Comments: none

Alert & Notification System



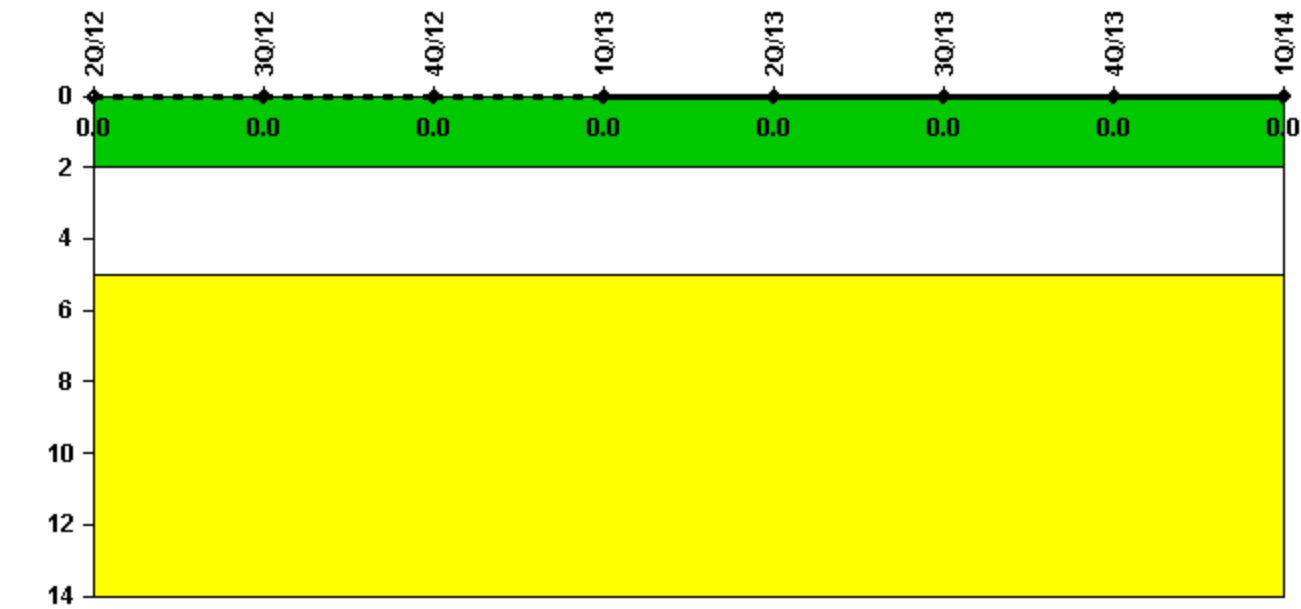
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Successful siren-tests	42	39	42	42	42	42	42	1156
Total sirens-tests	42	39	42	42	42	42	42	1157
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



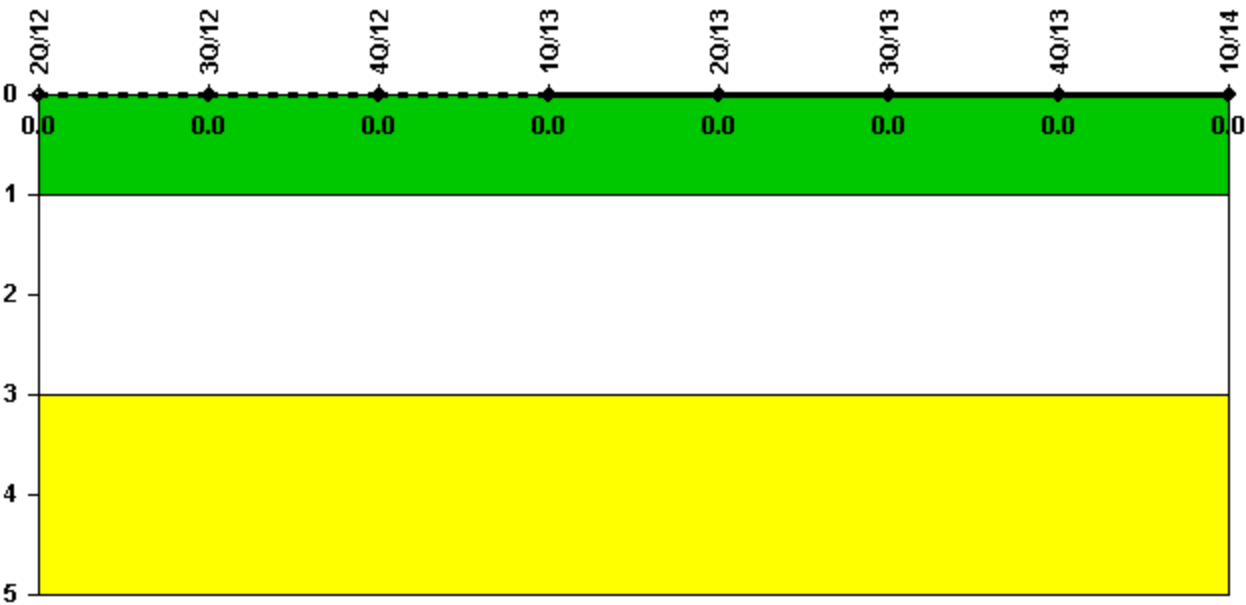
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/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

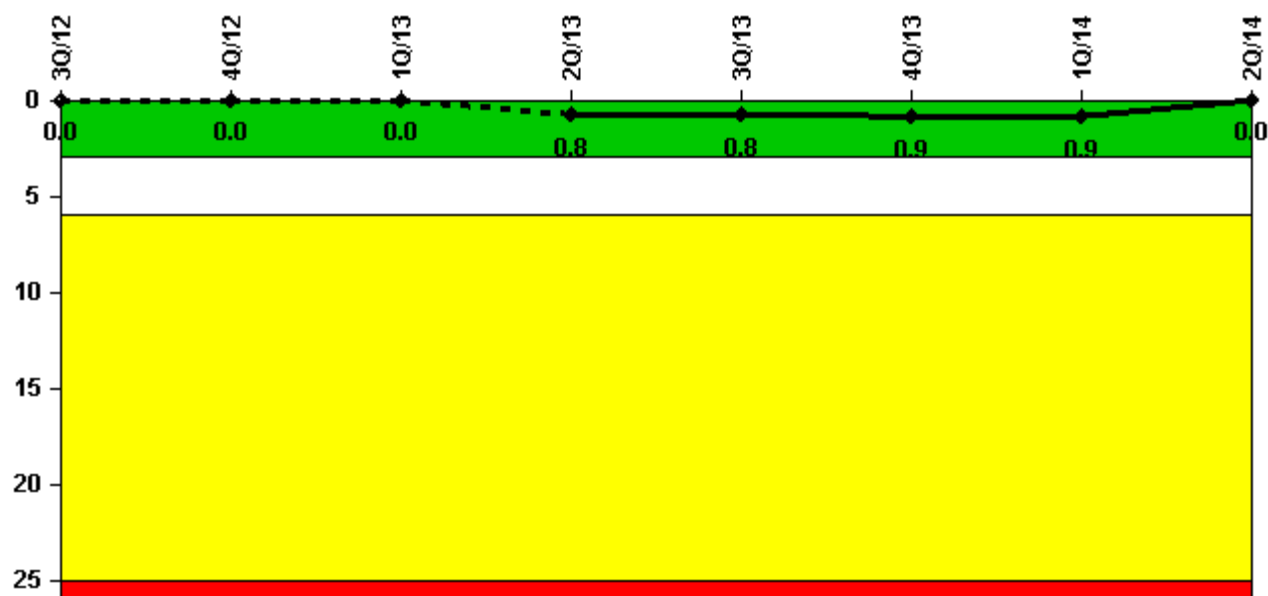
Farley 1

2Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: LER 2014-002-00 1B RHR Inoperable longer than allowed by Tech Specs

Unplanned Scrams per 7000 Critical Hrs



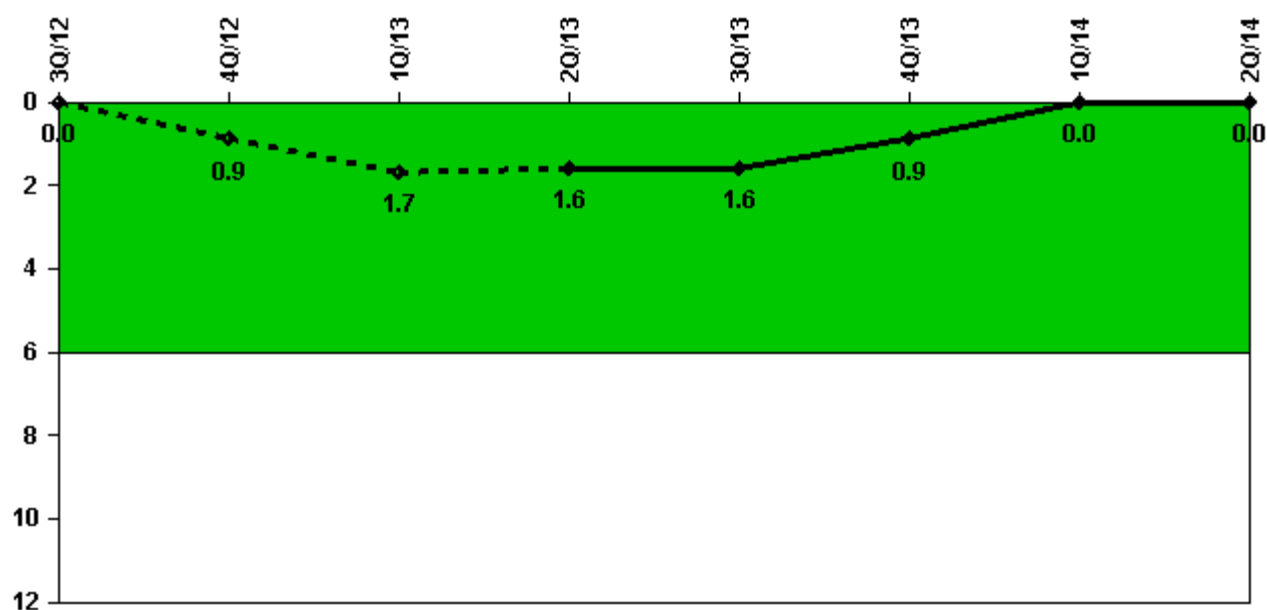
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Unplanned scrams	0	0	0	1.0	0	0	0	0
Critical hours	2141.1	2209.0	2159.0	2140.6	2166.8	1621.1	2159.0	2184.0
Indicator value	0	0	0	0.8	0.8	0.9	0.9	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



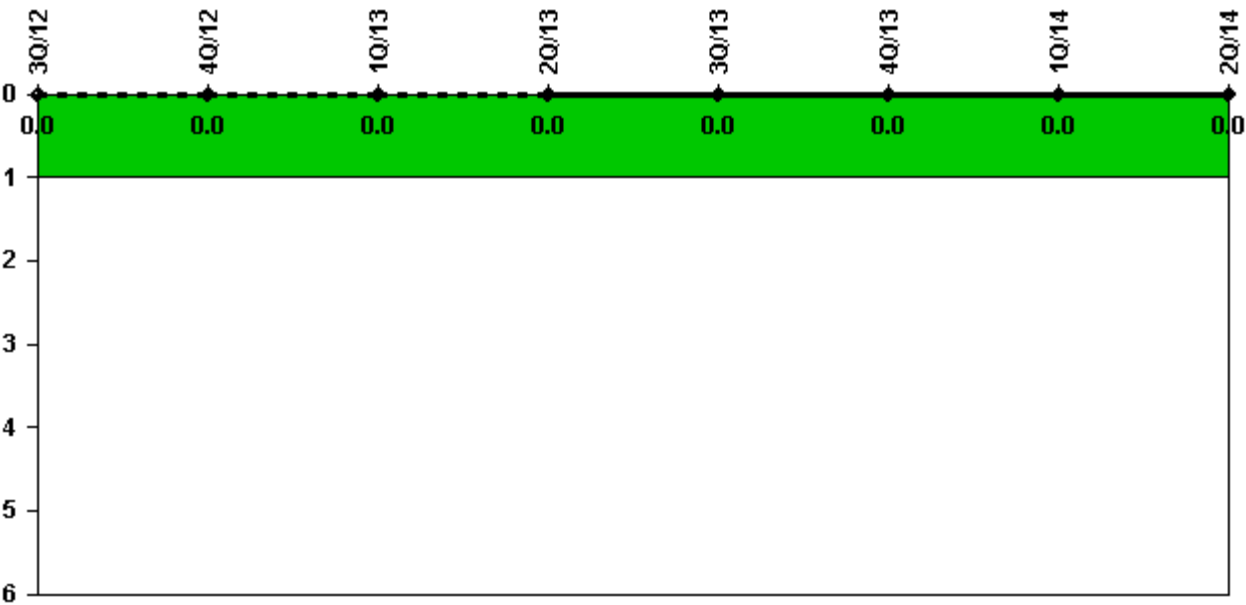
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Unplanned power changes	0	1.0	1.0	0	0	0	0	0
Critical hours	2141.1	2209.0	2159.0	2140.6	2166.8	1621.1	2159.0	2184.0
Indicator value	0	0.9	1.7	1.6	1.6	0.9	0	0

Licensee Comments: none

Unplanned Scrams with Complications



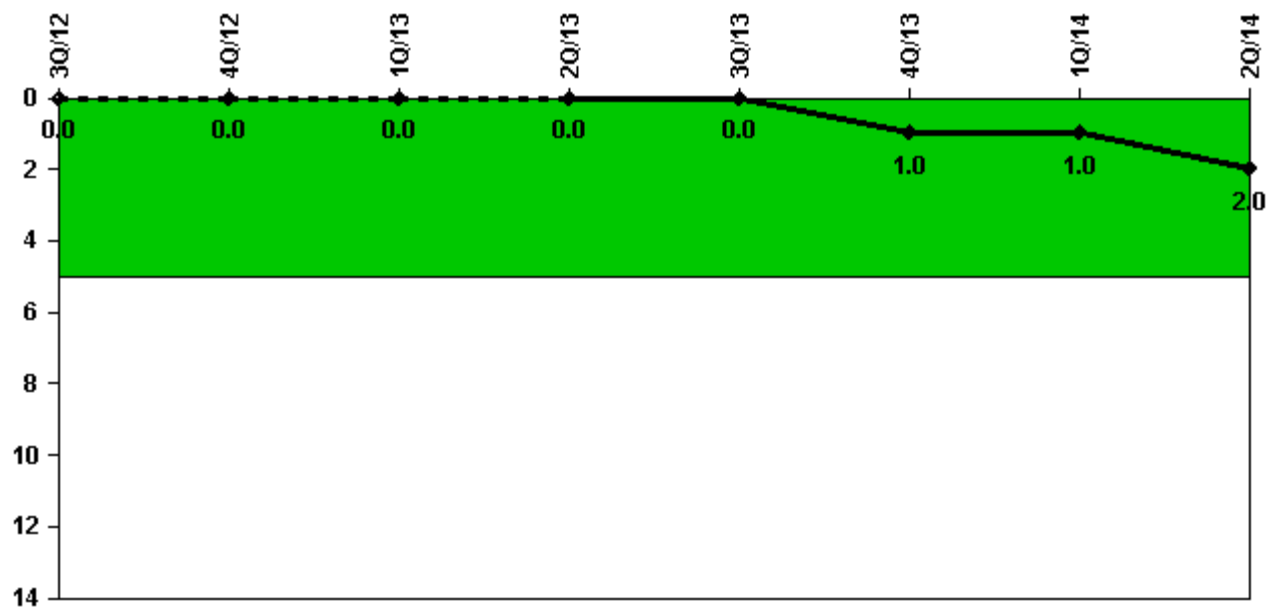
Thresholds: White > 1.0

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	1	0	1
Indicator value	0	0	0	0	0	1	1	2

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



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

Notes

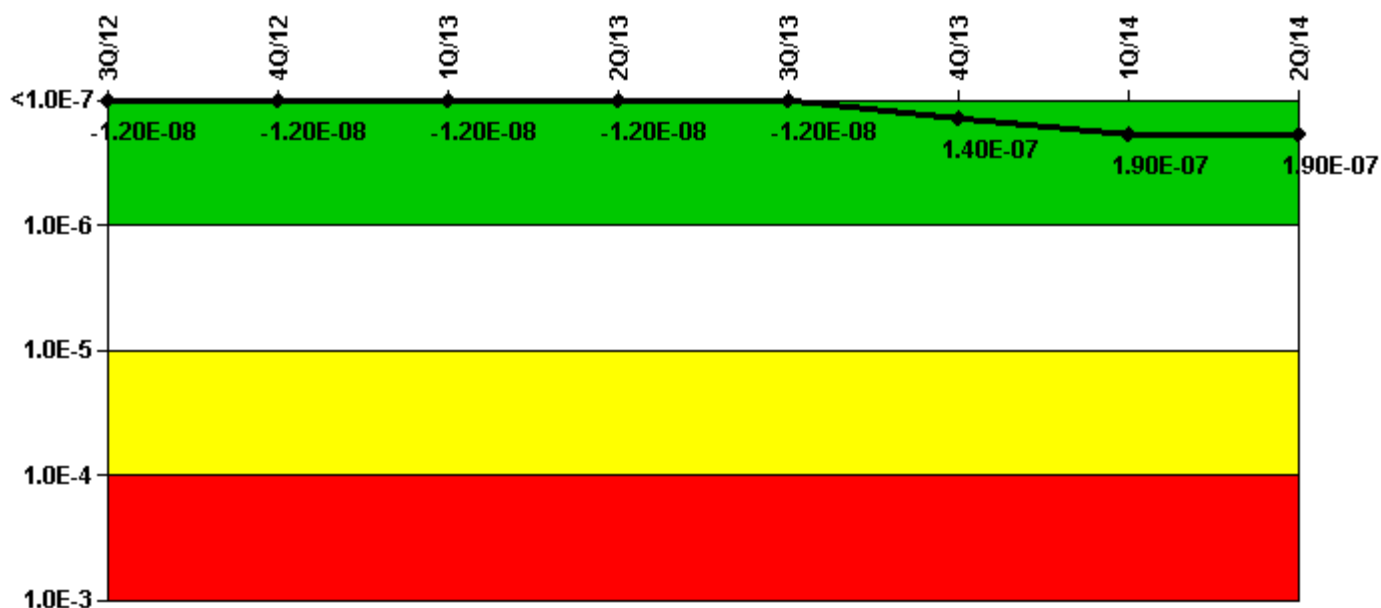
Mitigating Systems Performance Index, Emergency AC Power System	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
UAI (ΔCDF)	3.51E-08	3.51E-08	3.51E-08	3.53E-08	3.55E-08	1.16E-07	1.61E-07	1.61E-07
URI (ΔCDF)	-3.19E-07	-3.19E-07	-3.19E-07	-3.19E-07	-3.19E-07	-4.98E-07	-2.16E-07	-2.16E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.80E-07	-2.80E-07	-2.80E-07	-2.80E-07	-2.80E-07	-3.80E-07	-5.50E-08	-5.50E-08

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

4Q/13: Changed PRA Parameter(s).

Mitigating Systems Performance Index, High Pressure Injection System



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

Notes

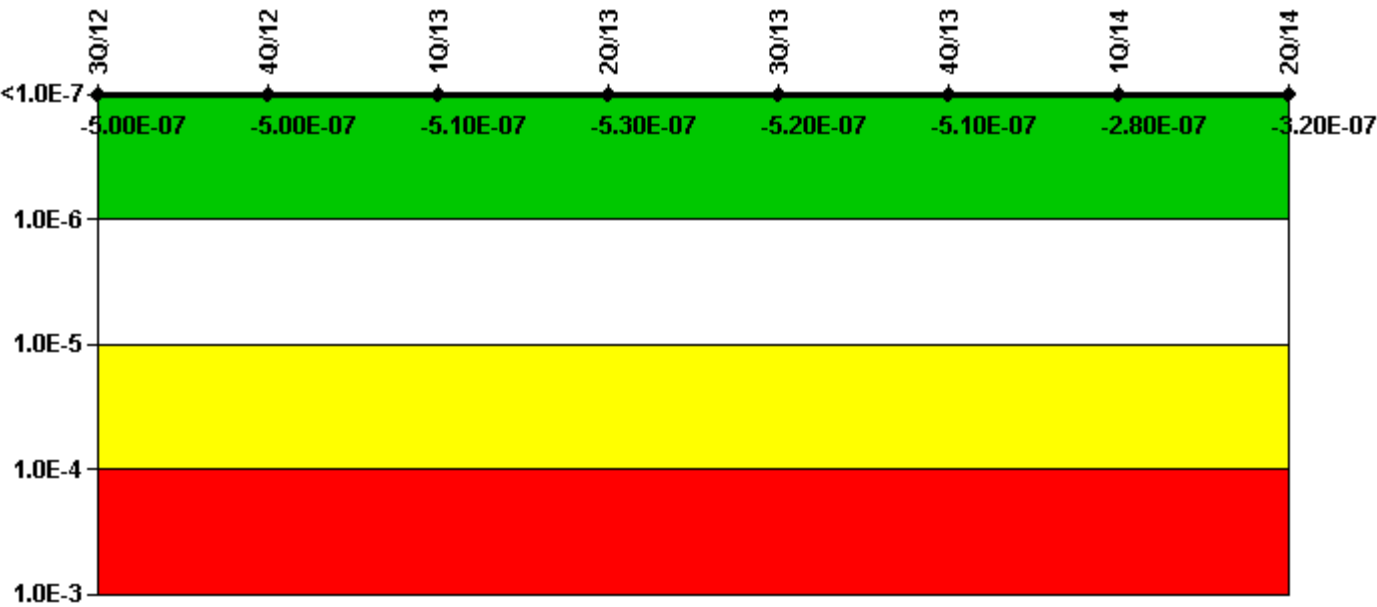
Mitigating Systems Performance Index, High Pressure Injection System	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
UAI (Δ CDF)	8.79E-11	9.13E-11	1.10E-10	1.64E-10	2.65E-10	1.78E-07	2.25E-07	2.26E-07
URI (Δ CDF)	-1.26E-08	-1.26E-08	-1.26E-08	-1.26E-08	-1.26E-08	-3.78E-08	-3.78E-08	-3.78E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08	1.40E-07	1.90E-07	1.90E-07

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

4Q/13: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



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

Notes

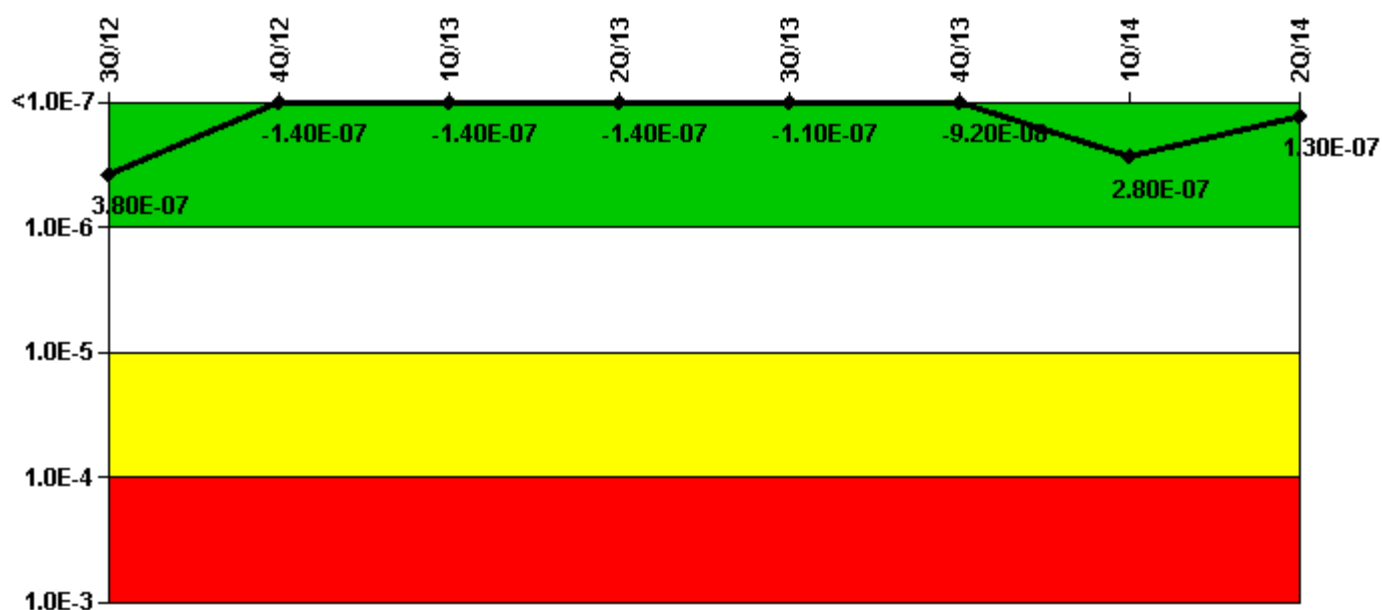
Mitigating Systems Performance Index, Heat Removal System	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
UAI (ΔCDF)	-8.71E-08	-8.71E-08	-9.46E-08	-1.20E-07	-1.07E-07	-1.07E-07	1.17E-07	8.10E-08
URI (ΔCDF)	-4.12E-07	-4.12E-07	-4.12E-07	-4.12E-07	-4.12E-07	-4.00E-07	-4.00E-07	-4.00E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.00E-07	-5.00E-07	-5.10E-07	-5.30E-07	-5.20E-07	-5.10E-07	-2.80E-07	-3.20E-07

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

4Q/13: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System



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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
UAI (ΔCDF)	3.56E-08	1.62E-08	1.51E-08	1.83E-08	4.06E-08	1.29E-07	5.03E-07	3.47E-07
URI (ΔCDF)	3.45E-07	-1.55E-07	-1.55E-07	-1.55E-07	-1.55E-07	-2.21E-07	-2.21E-07	-2.21E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.80E-07	-1.40E-07	-1.40E-07	-1.40E-07	-1.10E-07	-9.20E-08	2.80E-07	1.30E-07

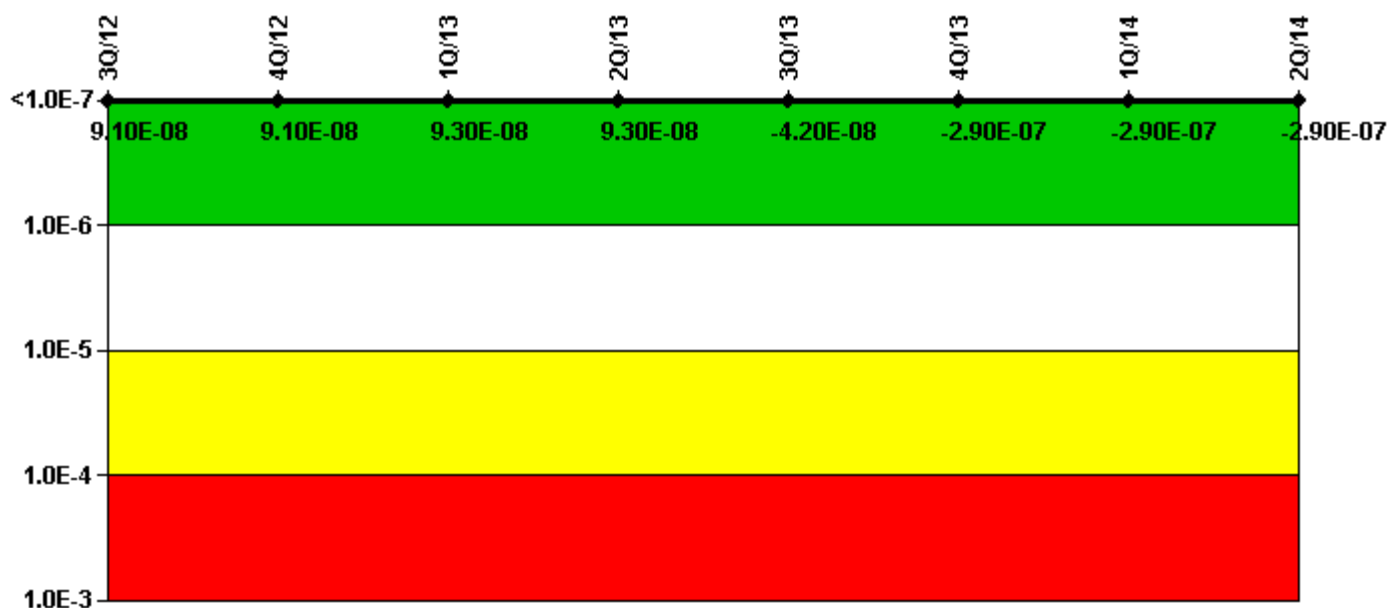
Licensee Comments:

1Q/14: Changed PRA Parameter(s).

4Q/13: Changed PRA Parameter(s).

3Q/12: Risk Cap Invoked.

Mitigating Systems Performance Index, Cooling Water Systems



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

Notes

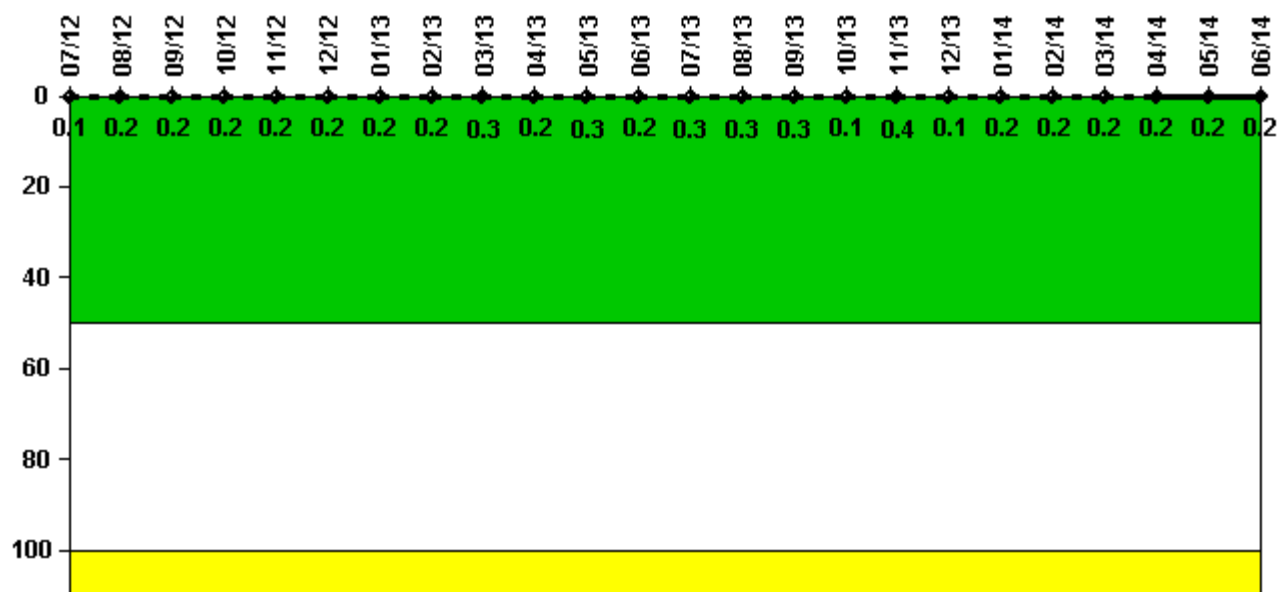
Mitigating Systems Performance Index, Cooling Water Systems	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
UAI (Δ CDF)	2.11E-08	2.11E-08	2.24E-08	2.24E-08	9.32E-09	2.31E-08	2.31E-08	2.24E-08
URI (Δ CDF)	7.02E-08	7.02E-08	7.02E-08	7.02E-08	-5.08E-08	-3.13E-07	-3.13E-07	-3.13E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	9.10E-08	9.10E-08	9.30E-08	9.30E-08	-4.20E-08	-2.90E-07	-2.90E-07	-2.90E-07

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

4Q/13: Changed PRA Parameter(s).

Reactor Coolant System Activity



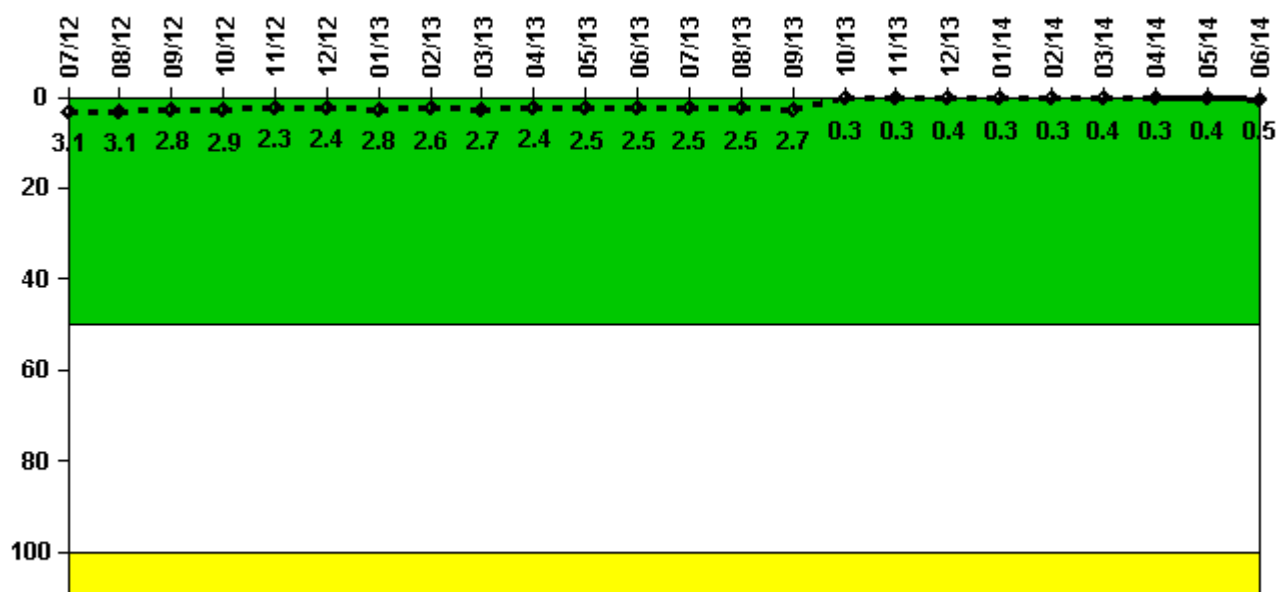
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/12	8/12	9/12	10/12	11/12	12/12	1/13	2/13	3/13	4/13	5/13	6/13
Maximum activity	0.000730	0.000837	0.000819	0.000885	0.000929	0.001140	0.001110	0.001220	0.001260	0.001210	0.001310	0.001110
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.2
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	0.001300	0.001330	0.001320	0.000492	0.002170	0.000649	0.000751	0.000772	0.000803	0.000898	0.000955	0.000958
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.3	0.3	0.3	0.1	0.4	0.1	0.2	0.2	0.2	0.2	0.2	0.2

Licensee Comments: none

Reactor Coolant System Leakage



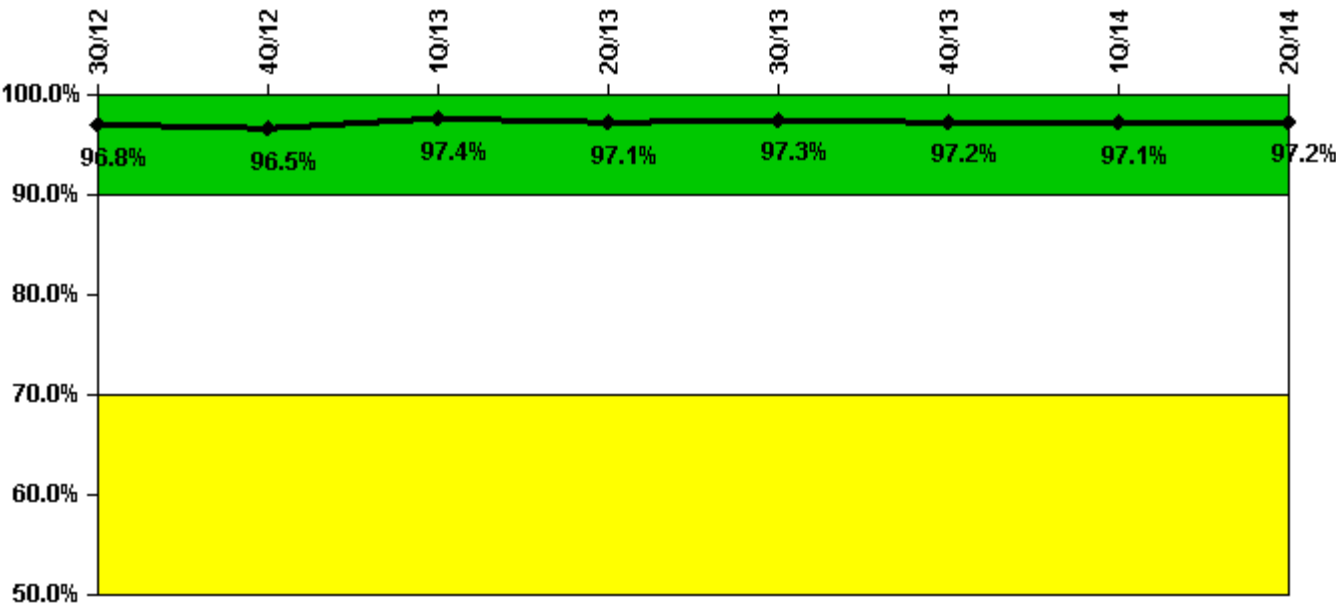
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	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	0.314	0.308	0.275	0.292	0.232	0.235	0.278	0.256	0.270	0.242	0.246	0.253
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	3.1	3.1	2.8	2.9	2.3	2.4	2.8	2.6	2.7	2.4	2.5	2.5
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	0.253	0.254	0.268	0.027	0.031	0.035	0.034	0.029	0.037	0.034	0.044	0.045
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.5	2.5	2.7	0.3	0.3	0.4	0.3	0.3	0.4	0.3	0.4	0.5

Licensee Comments: none

Drill/Exercise Performance



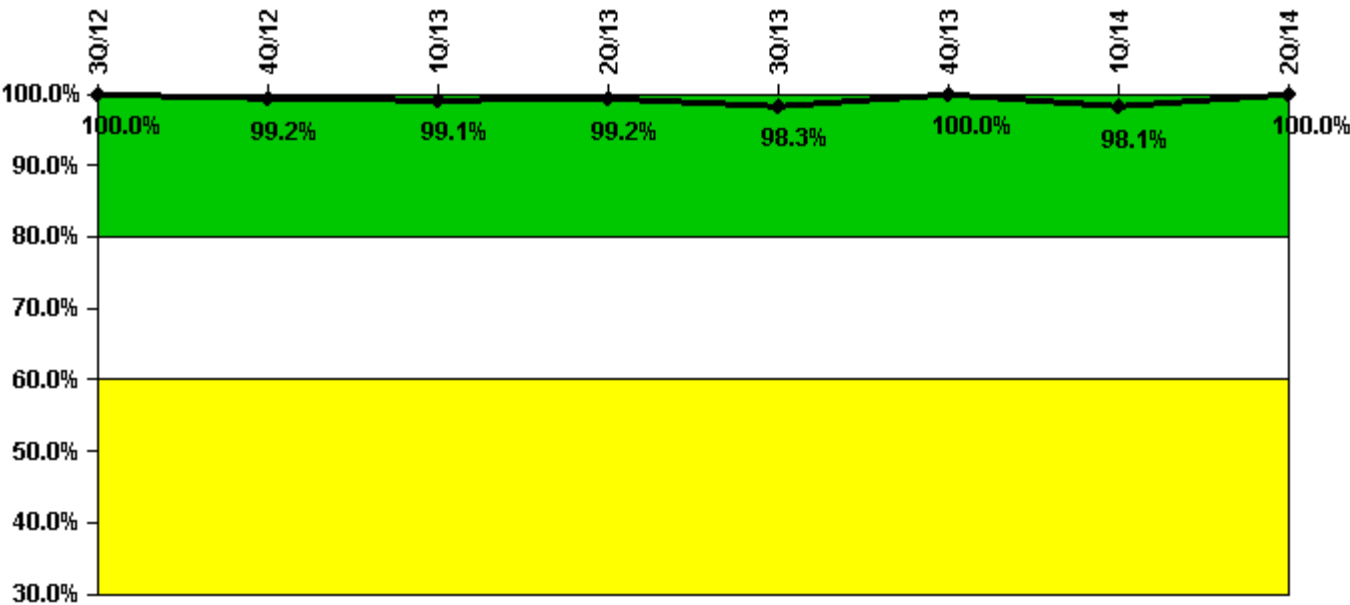
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Successful opportunities	62.0	45.0	40.0	47.0	46.0	18.0	27.0	24.0
Total opportunities	64.0	47.0	40.0	50.0	46.0	18.0	28.0	25.0
Indicator value	96.8%	96.5%	97.4%	97.1%	97.3%	97.2%	97.1%	97.2%

Licensee Comments: none

ERO Drill Participation



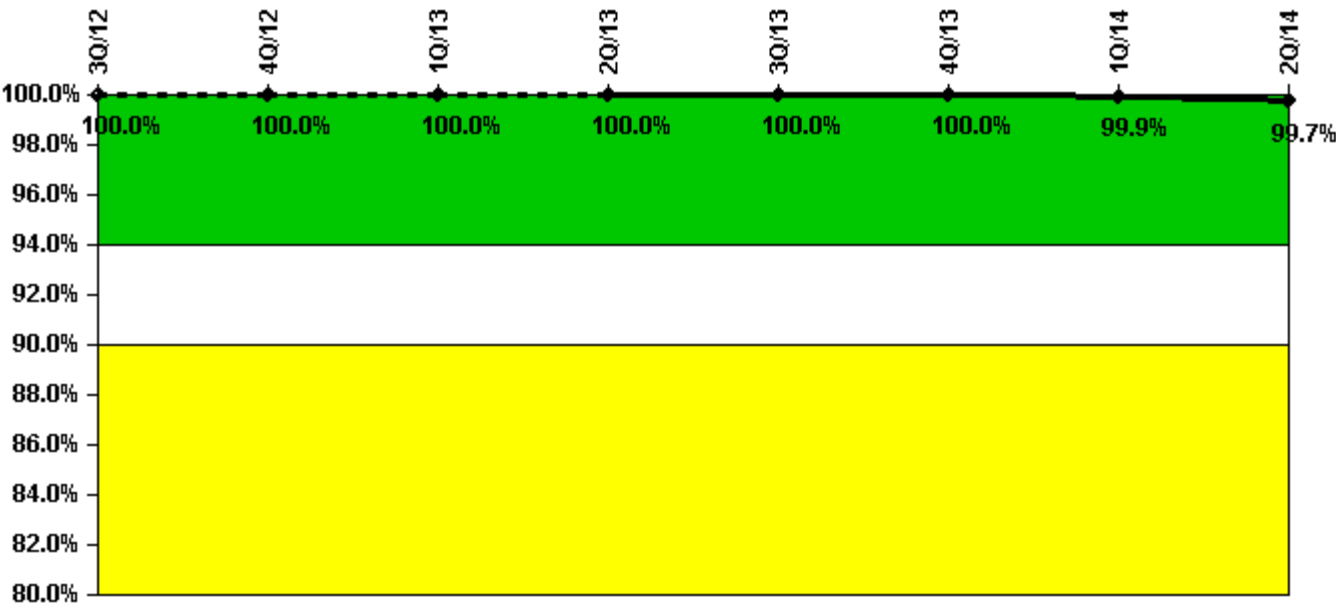
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Participating Key personnel	123.0	122.0	108.0	117.0	117.0	121.0	103.0	109.0
Total Key personnel	123.0	123.0	109.0	118.0	119.0	121.0	105.0	109.0
Indicator value	100.0%	99.2%	99.1%	99.2%	98.3%	100.0%	98.1%	100.0%

Licensee Comments: none

Alert & Notification System



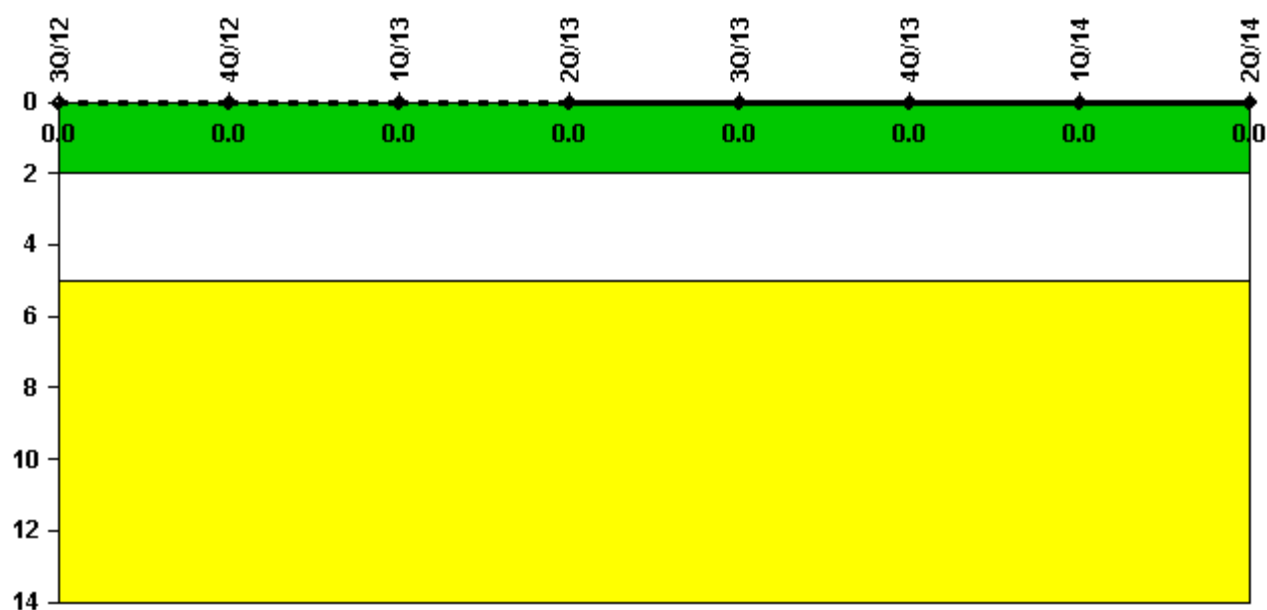
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Successful siren-tests	39	42	42	42	42	42	1156	1043
Total sirens-tests	39	42	42	42	42	42	1157	1049
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	99.9%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness

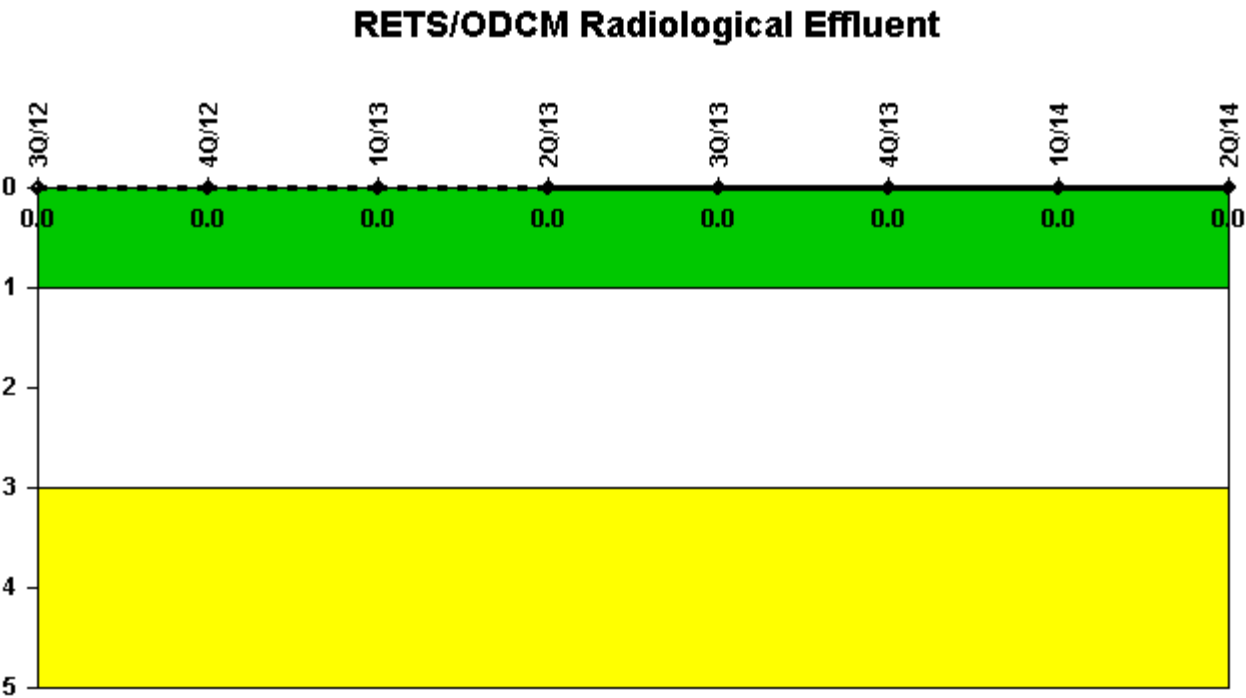


Thresholds: White > 2.0 Yellow > 5.0

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



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

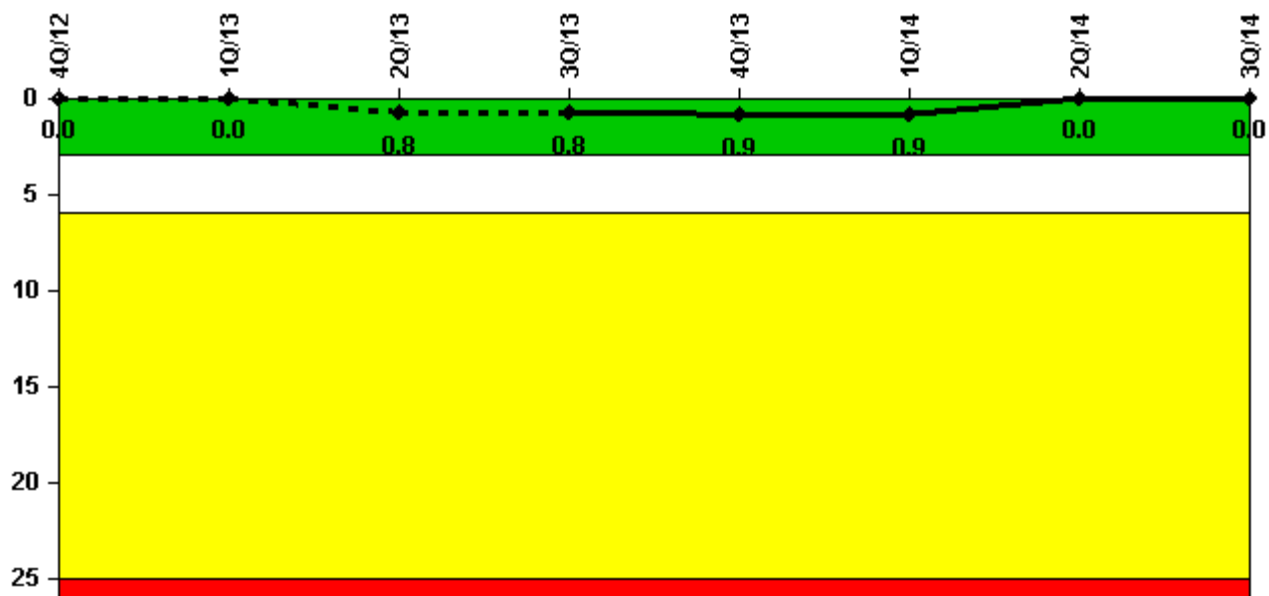
Farley 1

3Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



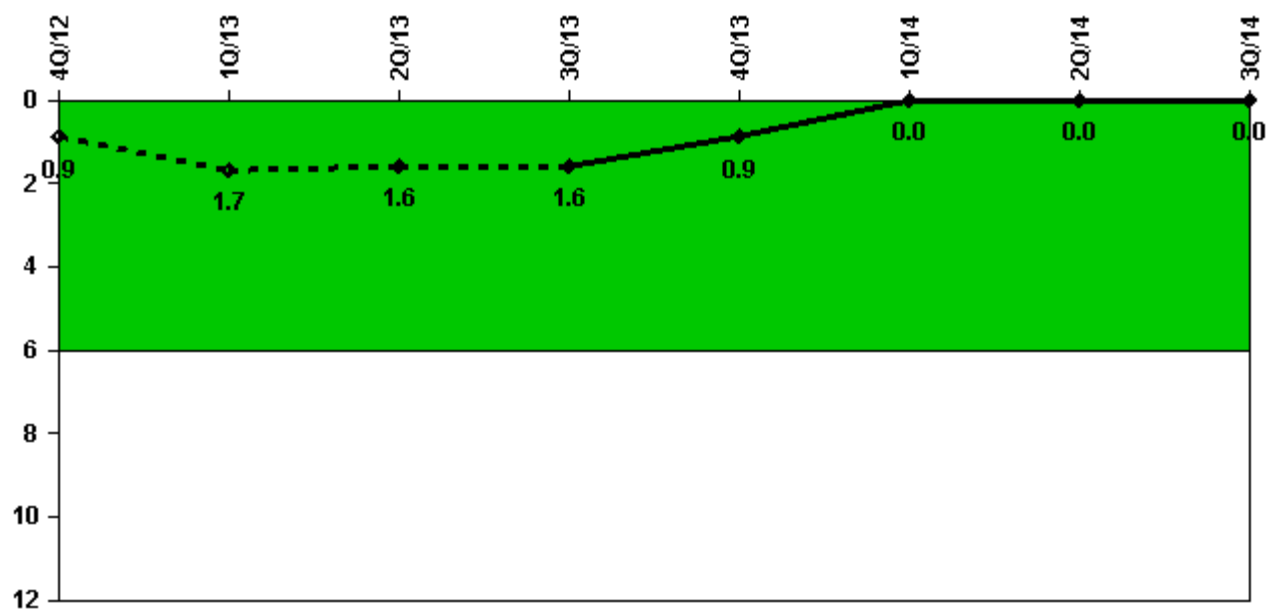
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Unplanned scrams	0	0	1.0	0	0	0	0	0
Critical hours	2209.0	2159.0	2140.6	2166.8	1621.1	2159.0	2184.0	2208.0
Indicator value	0	0	0.8	0.8	0.9	0.9	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



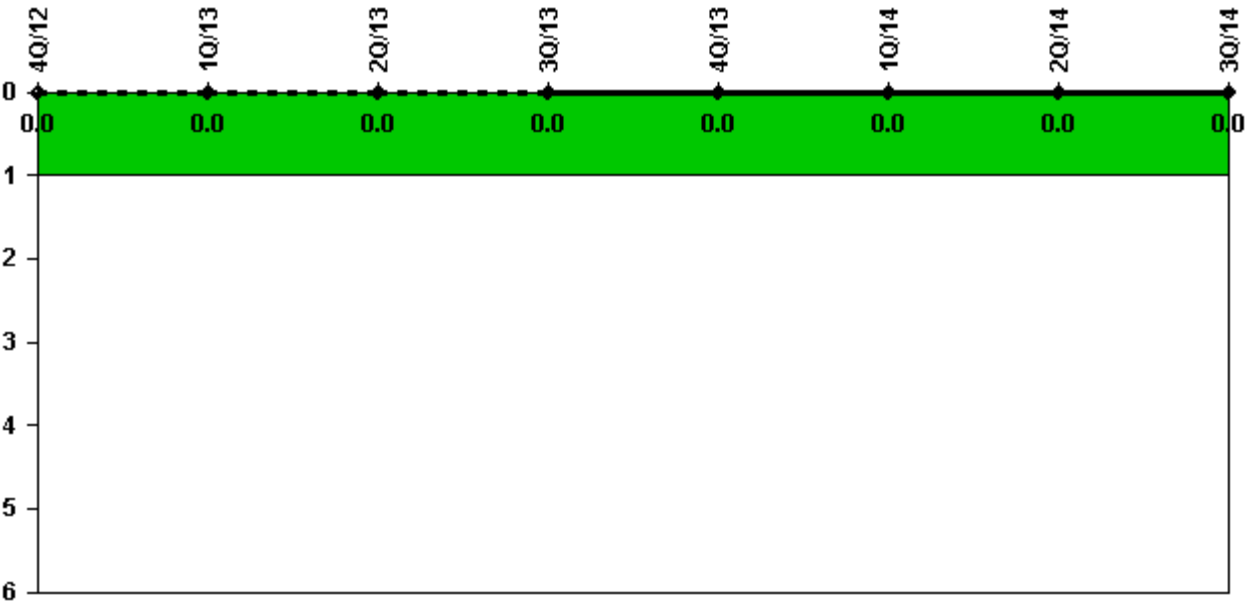
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Unplanned power changes	1.0	1.0	0	0	0	0	0	0
Critical hours	2209.0	2159.0	2140.6	2166.8	1621.1	2159.0	2184.0	2208.0
Indicator value	0.9	1.7	1.6	1.6	0.9	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



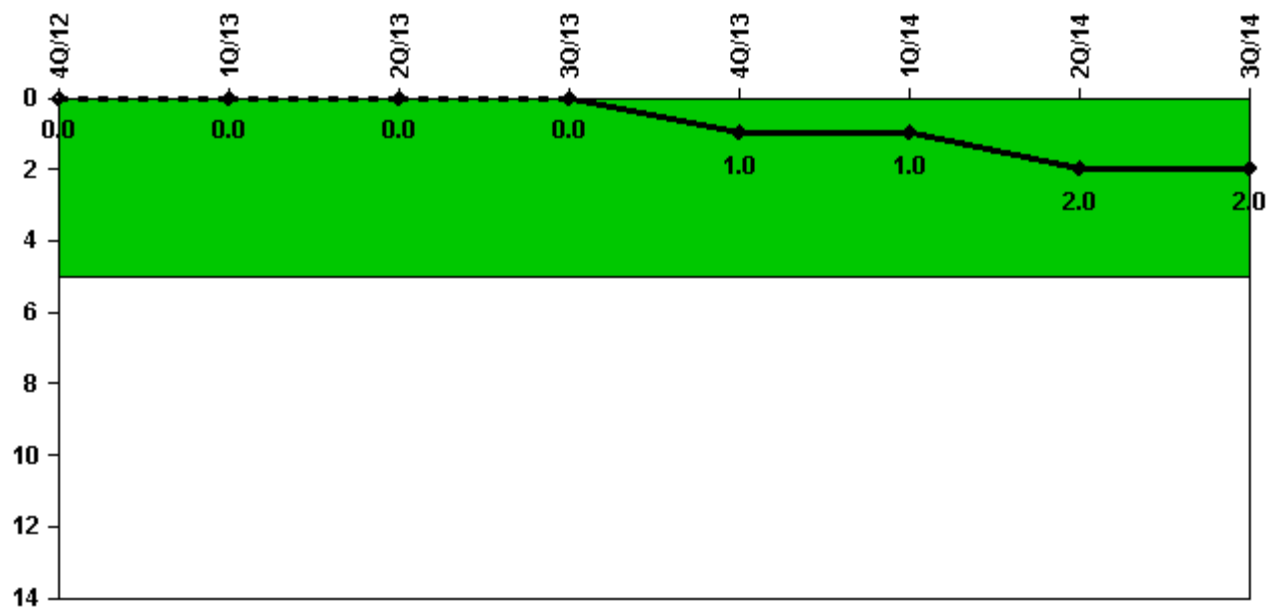
Thresholds: White > 1.0

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)



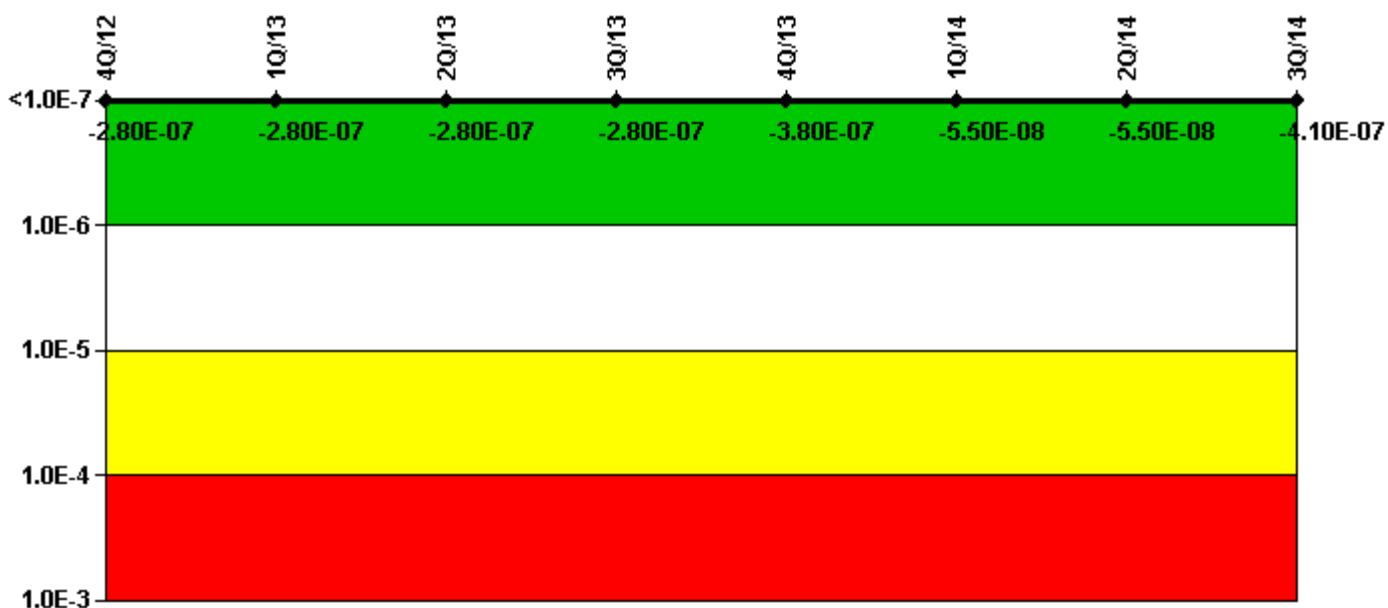
Thresholds: White > 5.0

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	1	0	1	0
Indicator value	0	0	0	0	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

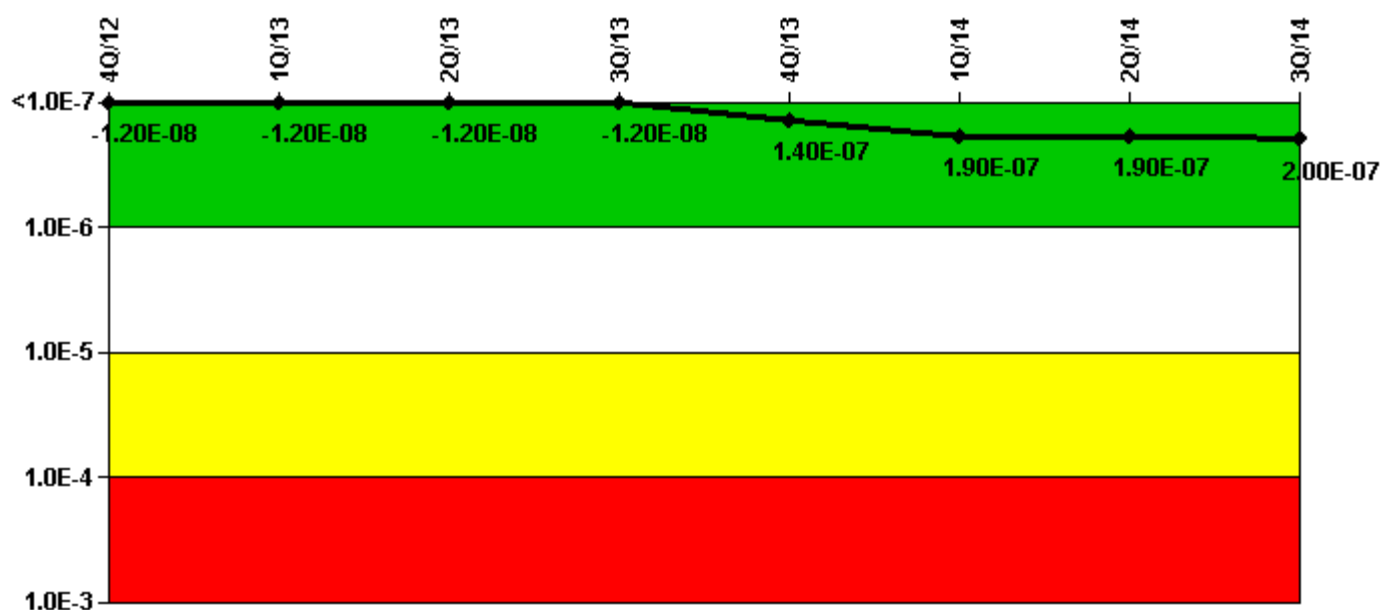
Mitigating Systems Performance Index, Emergency AC Power System	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
UAI (Δ CDF)	3.51E-08	3.51E-08	3.53E-08	3.55E-08	1.16E-07	1.61E-07	1.61E-07	8.61E-08
URI (Δ CDF)	-3.19E-07	-3.19E-07	-3.19E-07	-3.19E-07	-4.98E-07	-2.16E-07	-2.16E-07	-4.99E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.80E-07	-2.80E-07	-2.80E-07	-2.80E-07	-3.80E-07	-5.50E-08	-5.50E-08	-4.10E-07

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

4Q/13: Changed PRA Parameter(s).

Mitigating Systems Performance Index, High Pressure Injection System



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

Notes

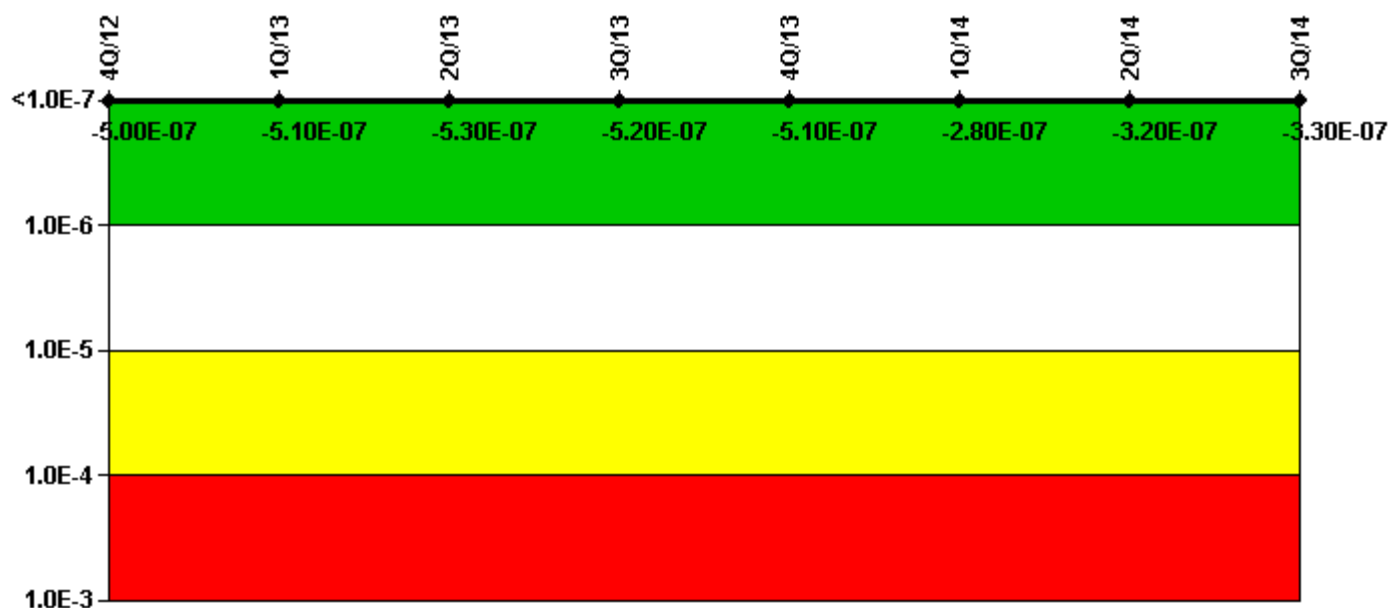
Mitigating Systems Performance Index, High Pressure Injection System	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
UAI (Δ CDF)	9.13E-11	1.10E-10	1.64E-10	2.65E-10	1.78E-07	2.25E-07	2.26E-07	2.38E-07
URI (Δ CDF)	-1.26E-08	-1.26E-08	-1.26E-08	-1.26E-08	-3.78E-08	-3.78E-08	-3.78E-08	-3.78E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08	1.40E-07	1.90E-07	1.90E-07	2.00E-07

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

4Q/13: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



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

Notes

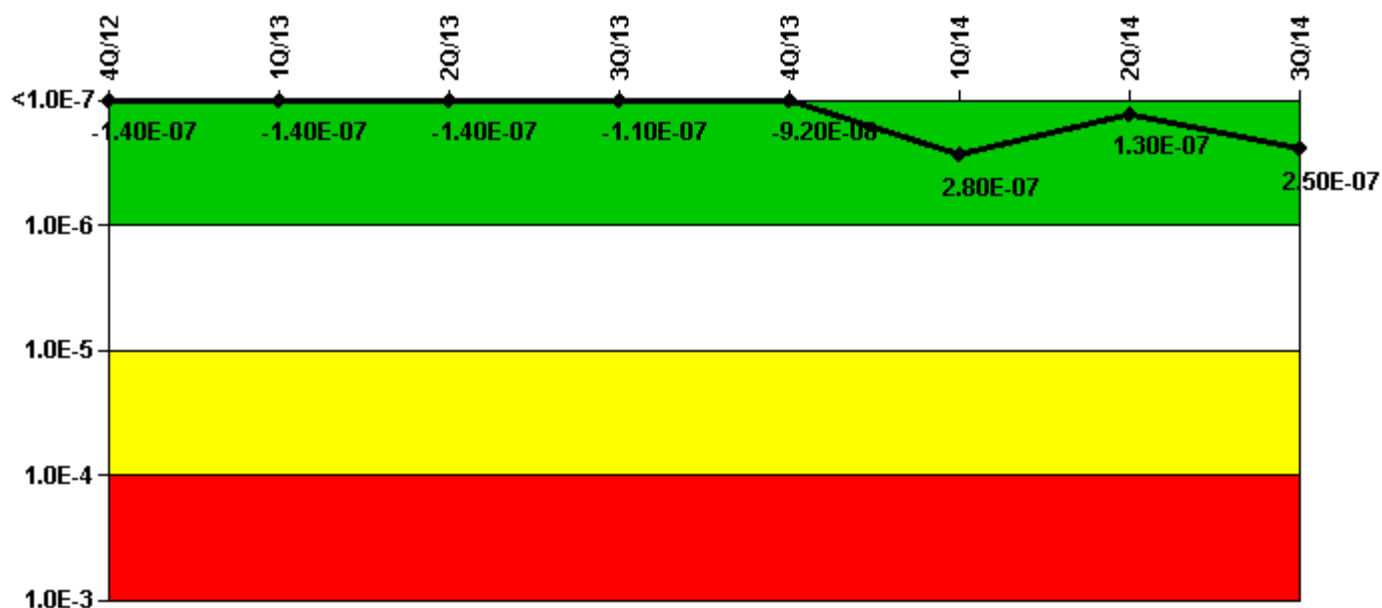
Mitigating Systems Performance Index, Heat Removal System	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
UAI (Δ CDF)	-8.71E-08	-9.46E-08	-1.20E-07	-1.07E-07	-1.07E-07	1.17E-07	8.10E-08	7.10E-08
URI (Δ CDF)	-4.12E-07	-4.12E-07	-4.12E-07	-4.12E-07	-4.00E-07	-4.00E-07	-4.00E-07	-4.00E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.00E-07	-5.10E-07	-5.30E-07	-5.20E-07	-5.10E-07	-2.80E-07	-3.20E-07	-3.30E-07

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

4Q/13: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System



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

Notes

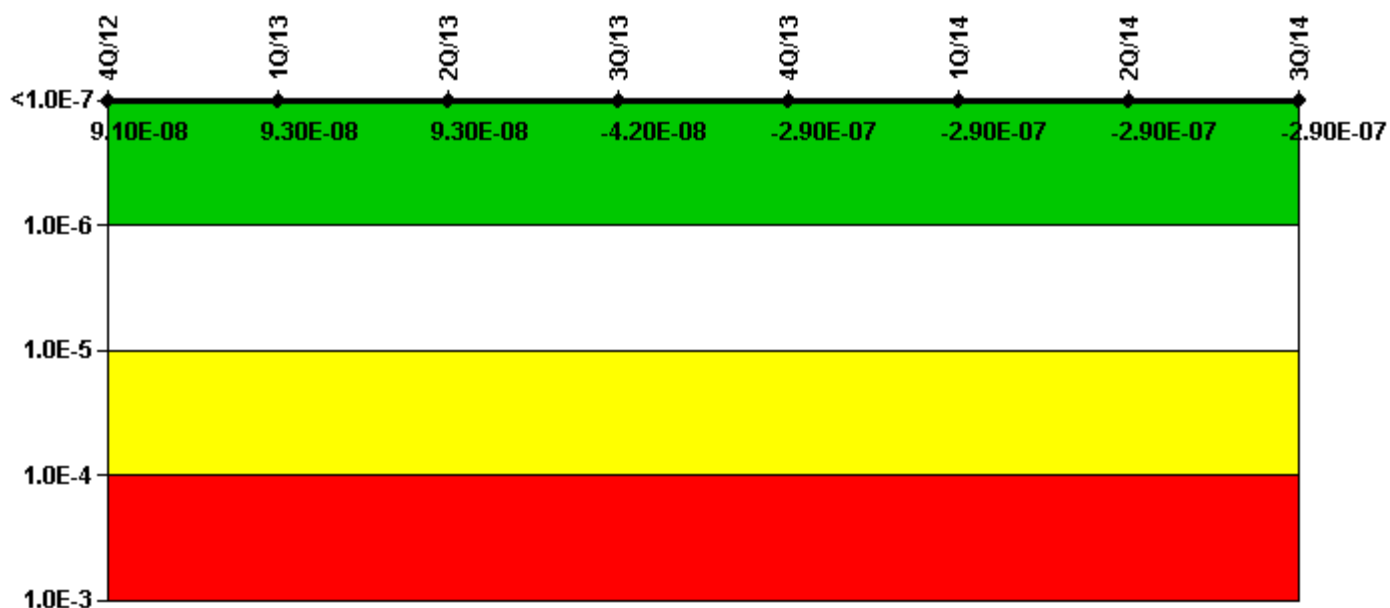
Mitigating Systems Performance Index, Residual Heat Removal System	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
UAI (Δ CDF)	1.62E-08	1.51E-08	1.83E-08	4.06E-08	1.29E-07	5.03E-07	3.47E-07	4.69E-07
URI (Δ CDF)	-1.55E-07	-1.55E-07	-1.55E-07	-1.55E-07	-2.21E-07	-2.21E-07	-2.21E-07	-2.21E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.40E-07	-1.40E-07	-1.40E-07	-1.10E-07	-9.20E-08	2.80E-07	1.30E-07	2.50E-07

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

4Q/13: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



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

Notes

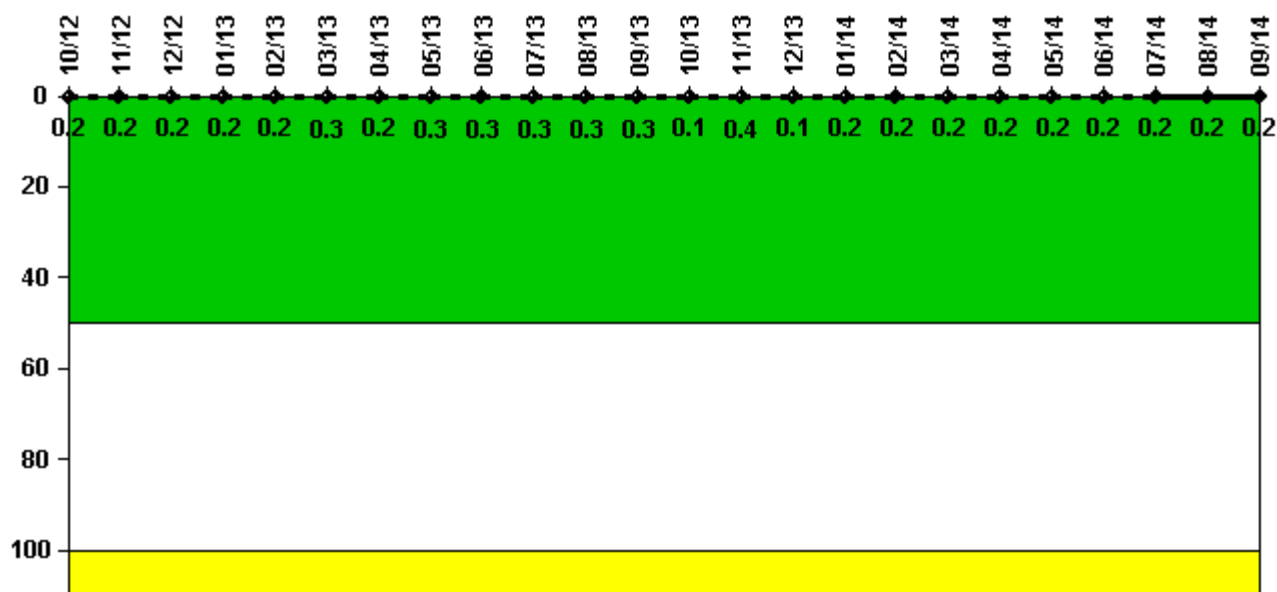
Mitigating Systems Performance Index, Cooling Water Systems	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
UAI (Δ CDF)	2.11E-08	2.24E-08	2.24E-08	9.32E-09	2.31E-08	2.31E-08	2.24E-08	2.32E-08
URI (Δ CDF)	7.02E-08	7.02E-08	7.02E-08	-5.08E-08	-3.13E-07	-3.13E-07	-3.13E-07	-3.13E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	9.10E-08	9.30E-08	9.30E-08	-4.20E-08	-2.90E-07	-2.90E-07	-2.90E-07	-2.90E-07

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

4Q/13: Changed PRA Parameter(s).

Reactor Coolant System Activity



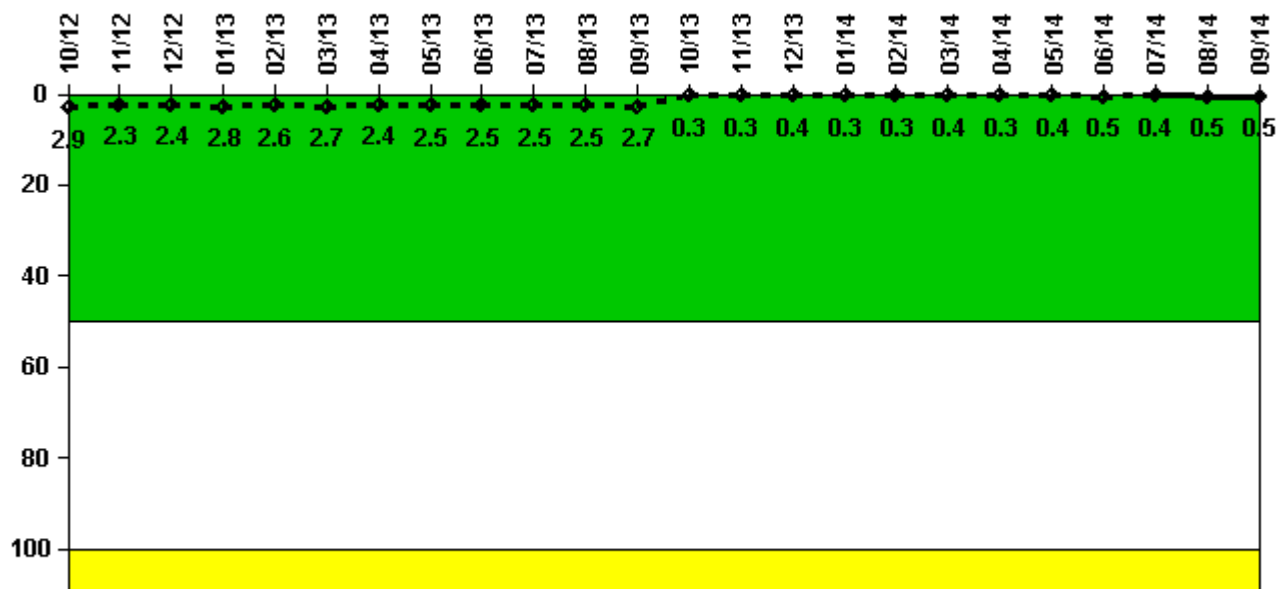
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/12	11/12	12/12	1/13	2/13	3/13	4/13	5/13	6/13	7/13	8/13	9/13
Maximum activity	0.000885	0.000929	0.001140	0.001110	0.001220	0.001260	0.001210	0.001310	0.001300	0.001300	0.001330	0.001320
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.3	0.3	0.3	0.3
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	0.000492	0.002170	0.000649	0.000751	0.000772	0.000803	0.000898	0.000955	0.000958	0.000987	0.000943	0.001010
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.1	0.4	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

Licensee Comments: none

Reactor Coolant System Leakage



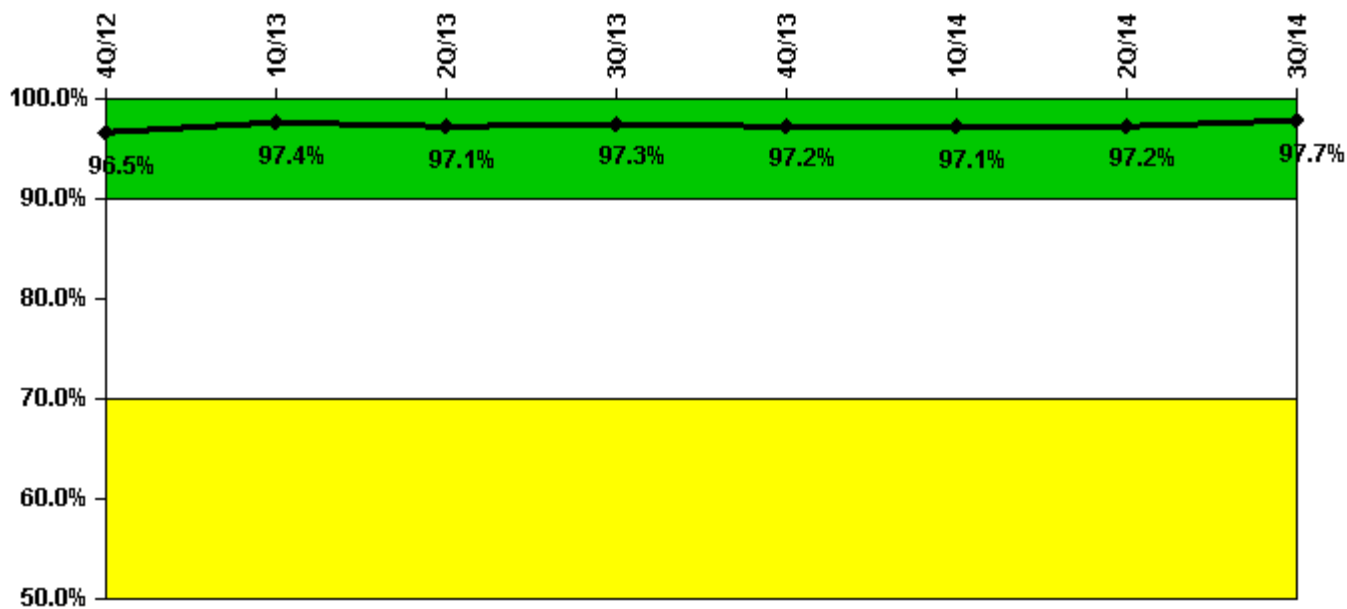
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	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	0.292	0.232	0.235	0.278	0.256	0.270	0.242	0.246	0.253	0.253	0.254	0.268
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.9	2.3	2.4	2.8	2.6	2.7	2.4	2.5	2.5	2.5	2.5	2.7
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	0.027	0.031	0.035	0.034	0.029	0.037	0.034	0.044	0.045	0.042	0.047	0.045
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.3	0.4	0.3	0.3	0.4	0.3	0.4	0.5	0.4	0.5	0.5

Licensee Comments: none

Drill/Exercise Performance



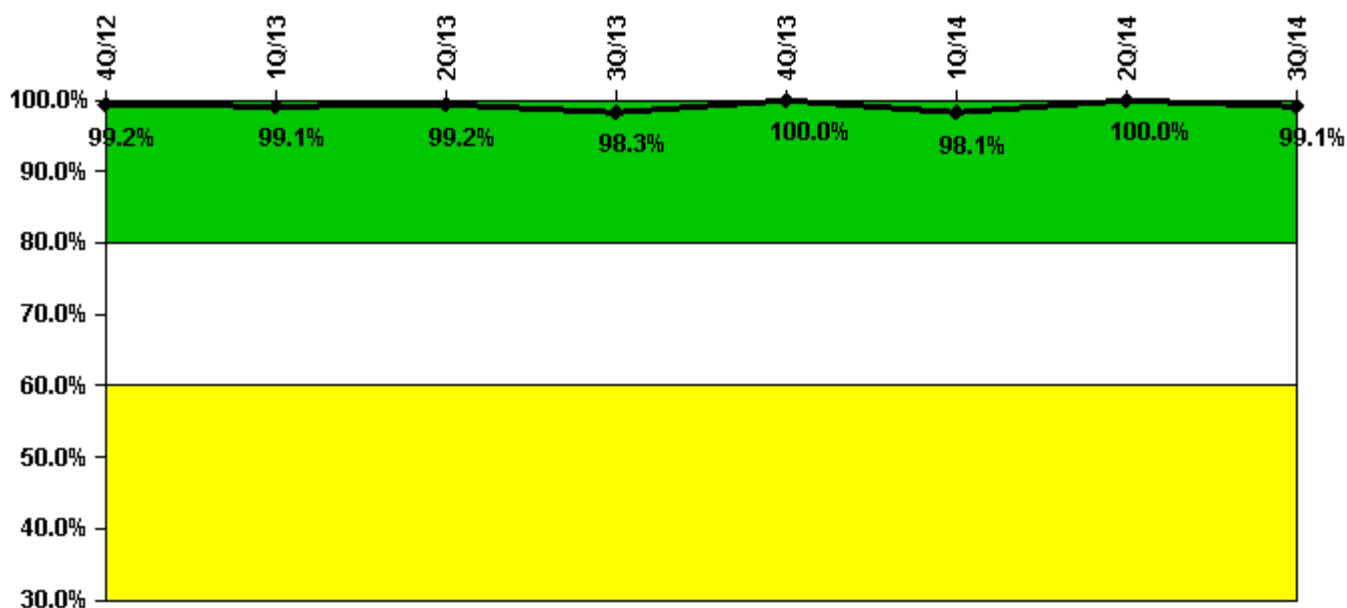
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Successful opportunities	45.0	40.0	47.0	46.0	18.0	27.0	24.0	52.0
Total opportunities	47.0	40.0	50.0	46.0	18.0	28.0	25.0	52.0
Indicator value	96.5%	97.4%	97.1%	97.3%	97.2%	97.1%	97.2%	97.7%

Licensee Comments: none

ERO Drill Participation



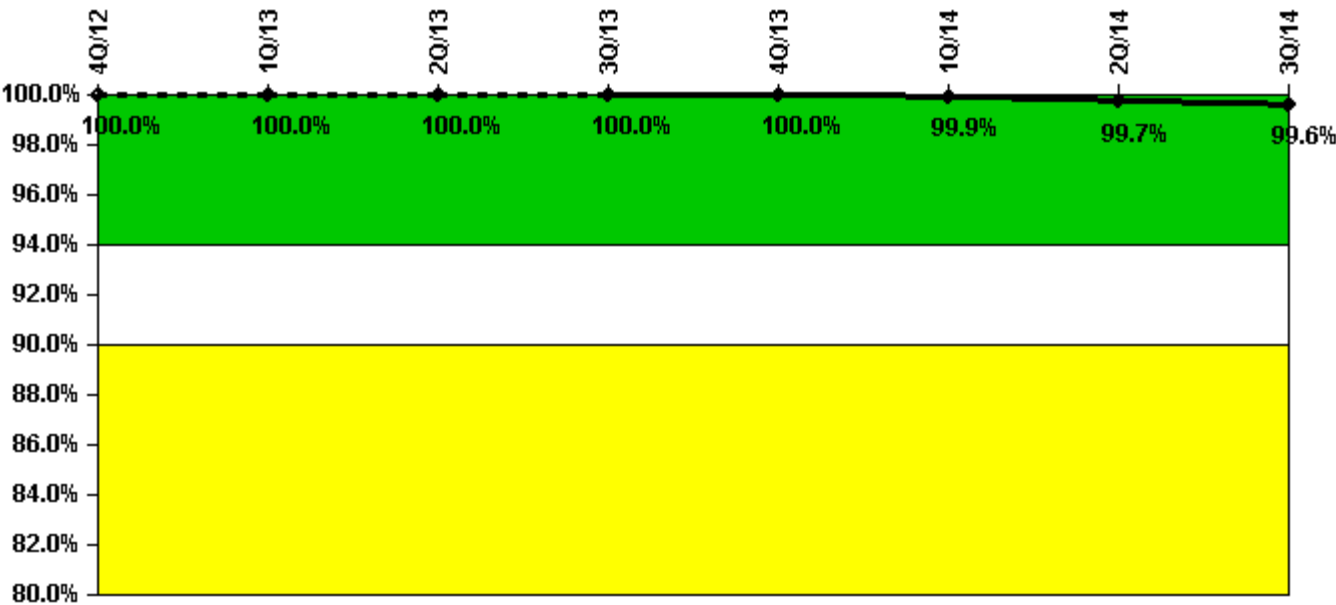
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Participating Key personnel	122.0	108.0	117.0	117.0	121.0	103.0	109.0	110.0
Total Key personnel	123.0	109.0	118.0	119.0	121.0	105.0	109.0	111.0
Indicator value	99.2%	99.1%	99.2%	98.3%	100.0%	98.1%	100.0%	99.1%

Licensee Comments: none

Alert & Notification System



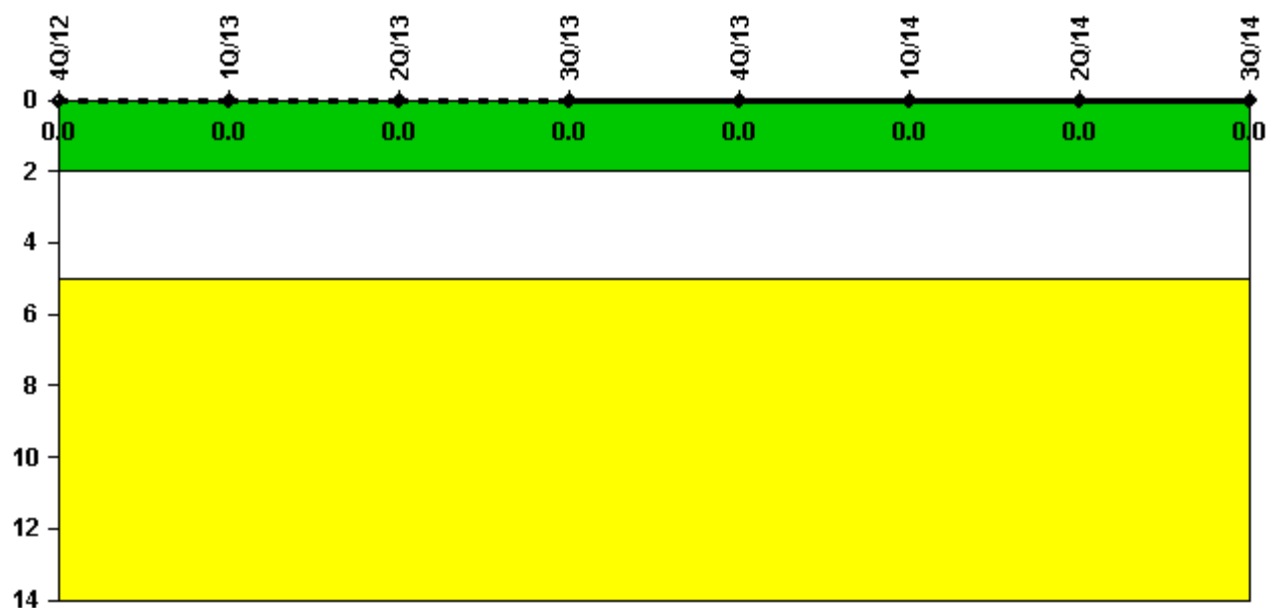
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Successful siren-tests	42	42	42	42	42	1156	1043	1151
Total sirens-tests	42	42	42	42	42	1157	1049	1157
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	99.9%	99.7%	99.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness

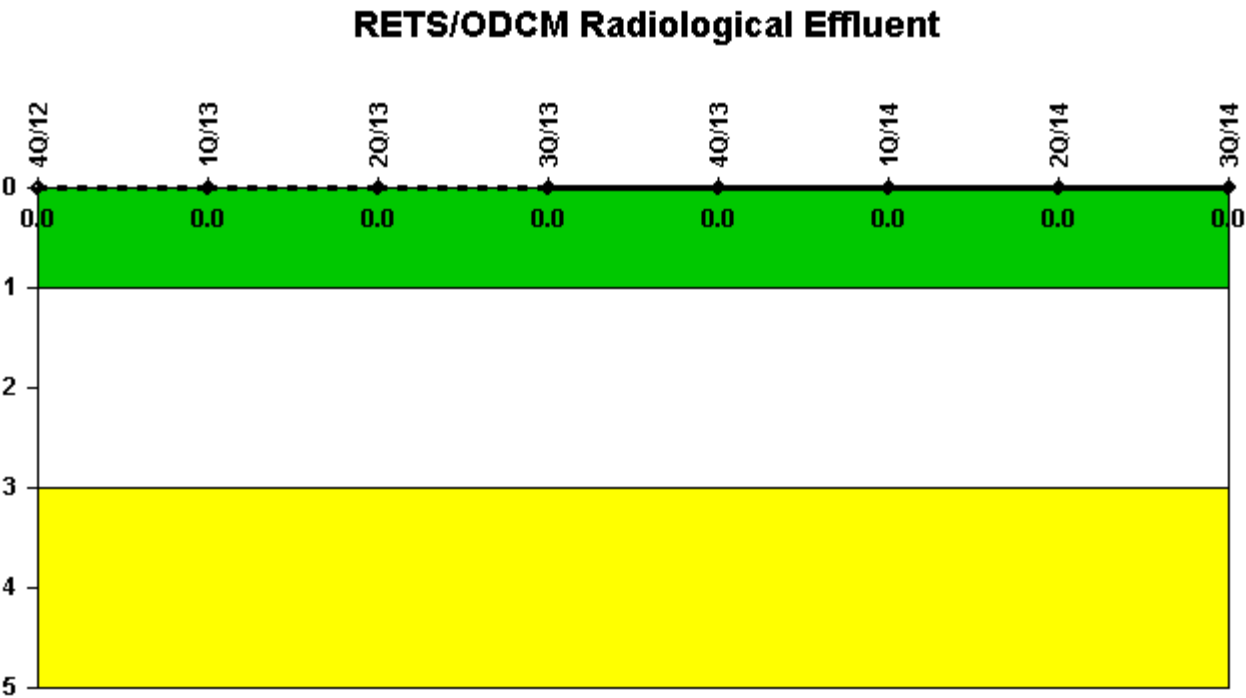


Thresholds: White > 2.0 Yellow > 5.0

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



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

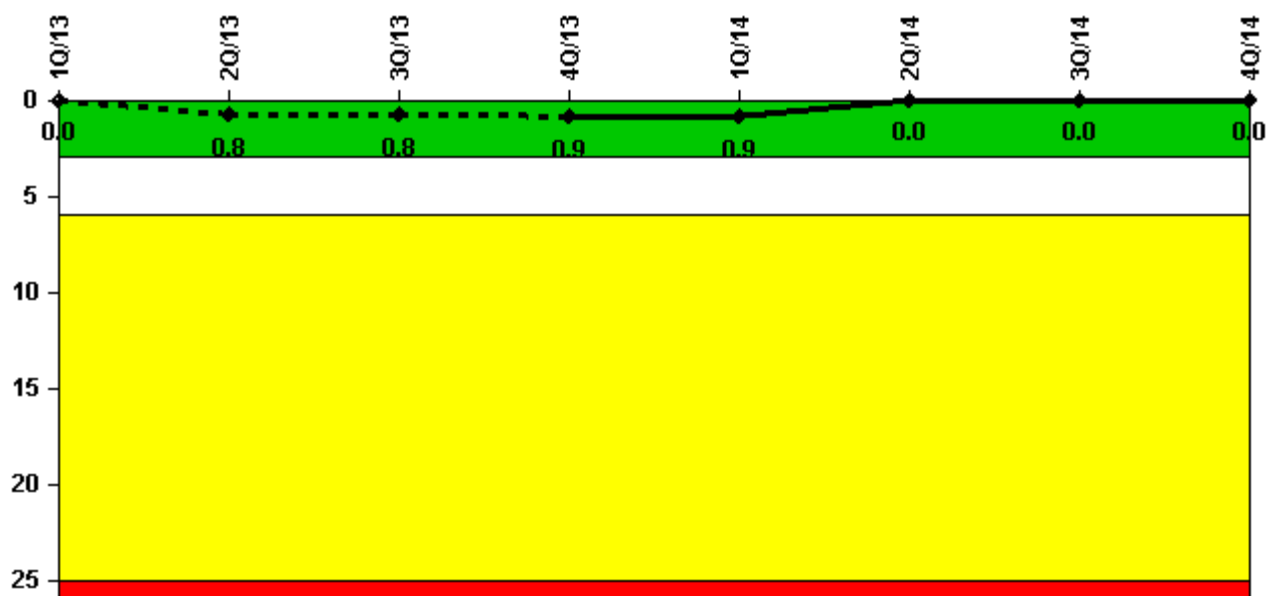
Farley 1

4Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



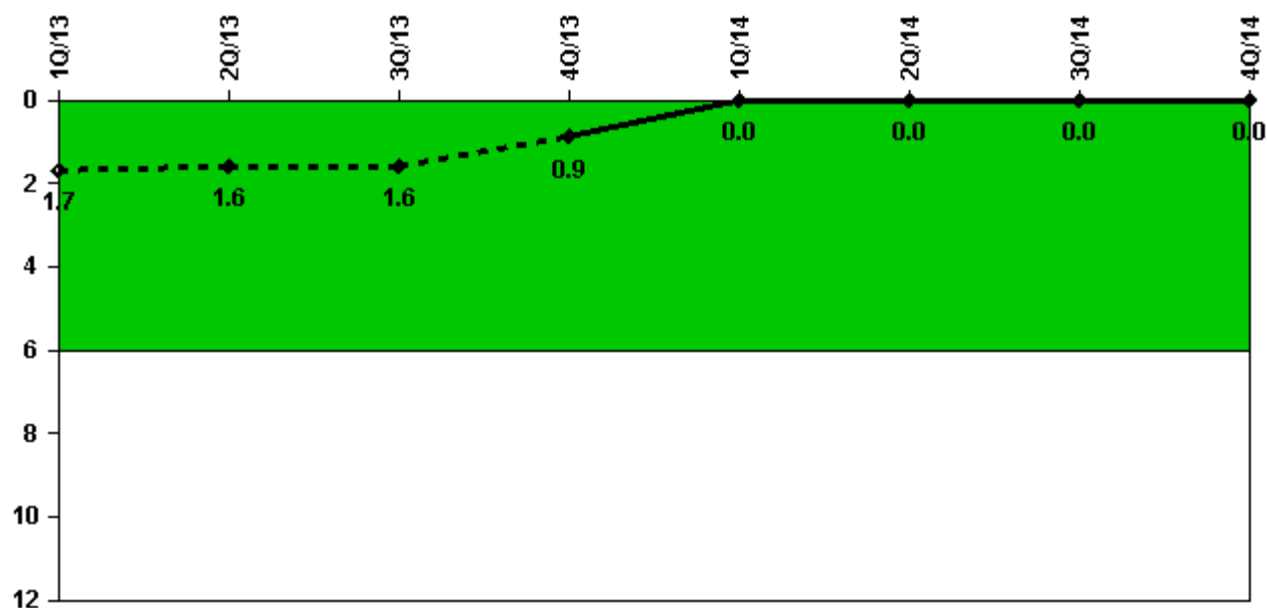
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Unplanned scrams	0	1.0	0	0	0	0	0	0
Critical hours	2159.0	2140.6	2166.8	1621.1	2159.0	2184.0	2208.0	2209.0
Indicator value	0	0.8	0.8	0.9	0.9	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



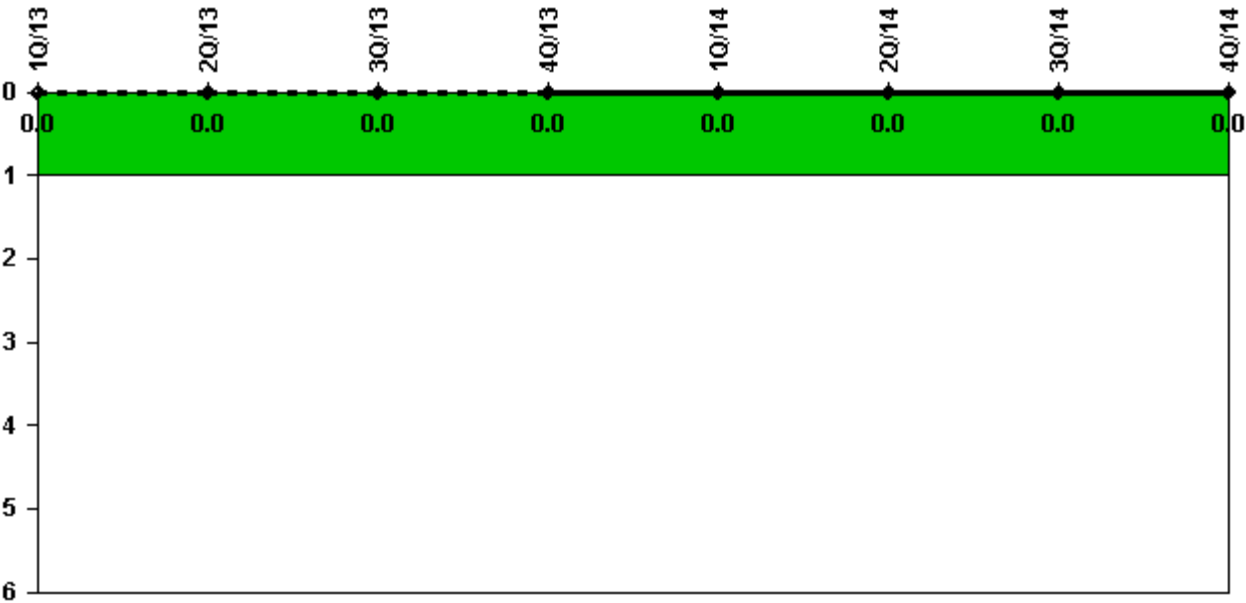
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Unplanned power changes	1.0	0	0	0	0	0	0	0
Critical hours	2159.0	2140.6	2166.8	1621.1	2159.0	2184.0	2208.0	2209.0
Indicator value	1.7	1.6	1.6	0.9	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



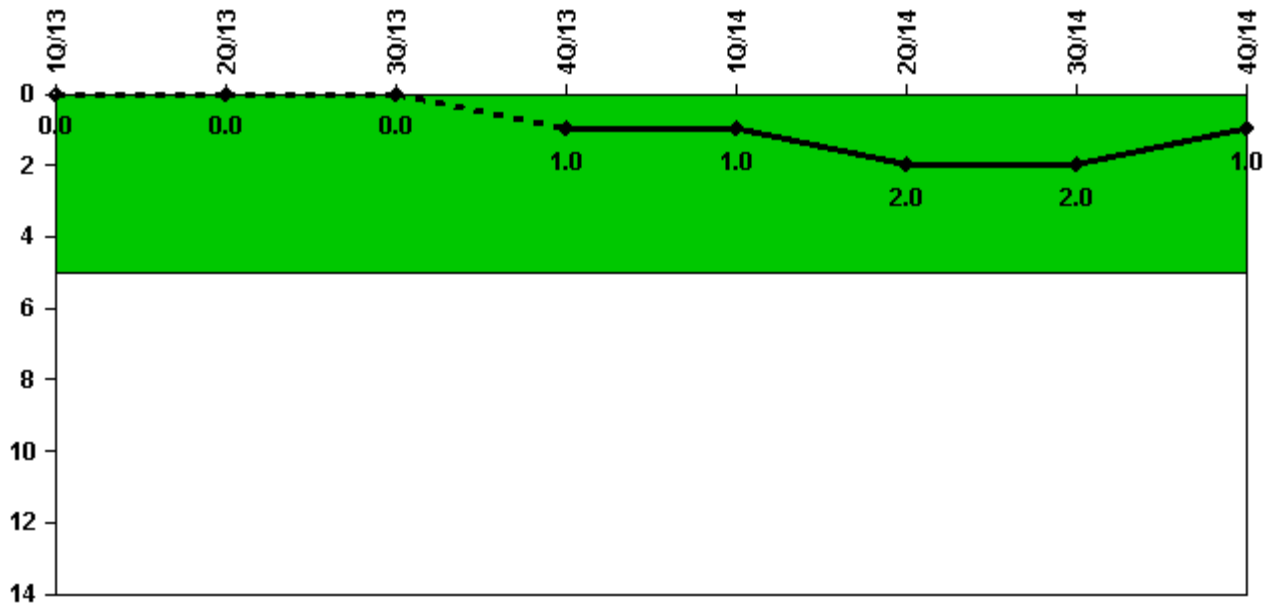
Thresholds: White > 1.0

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)



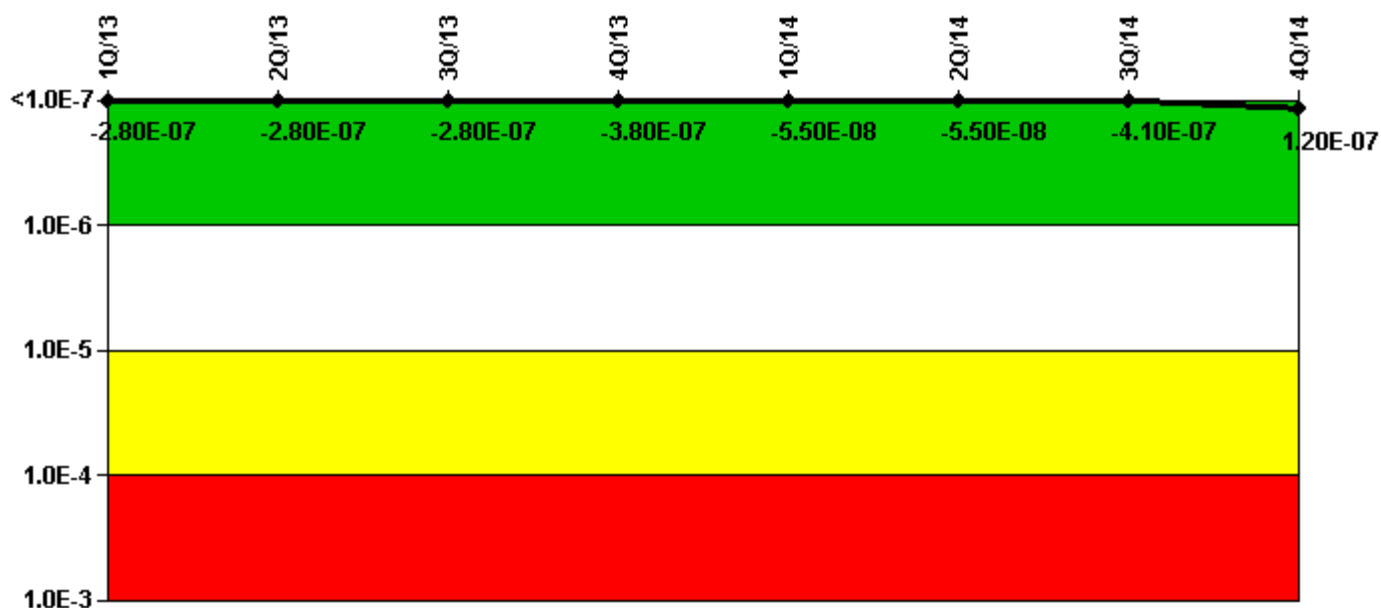
Thresholds: White > 5.0

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	1	0	1	0	0
Indicator value	0	0	0	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/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
UAI (Δ CDF)	3.51E-08	3.53E-08	3.55E-08	1.16E-07	1.61E-07	1.61E-07	8.61E-08	1.20E-07
URI (Δ CDF)	-3.19E-07	-3.19E-07	-3.19E-07	-4.98E-07	-2.16E-07	-2.16E-07	-4.99E-07	5.68E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.80E-07	-2.80E-07	-2.80E-07	-3.80E-07	-5.50E-08	-5.50E-08	-4.10E-07	1.20E-07

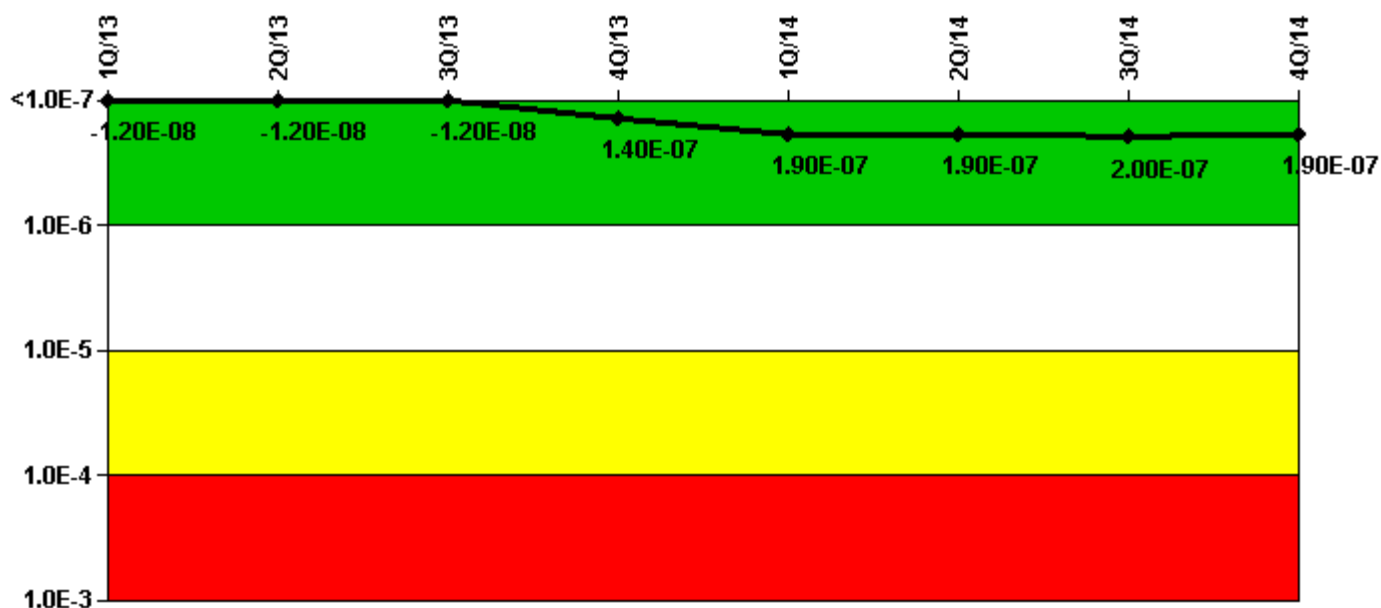
Licensee Comments:

4Q/14: Risk Cap Invoked.

1Q/14: Changed PRA Parameter(s).

4Q/13: Changed PRA Parameter(s).

Mitigating Systems Performance Index, High Pressure Injection System



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

Notes

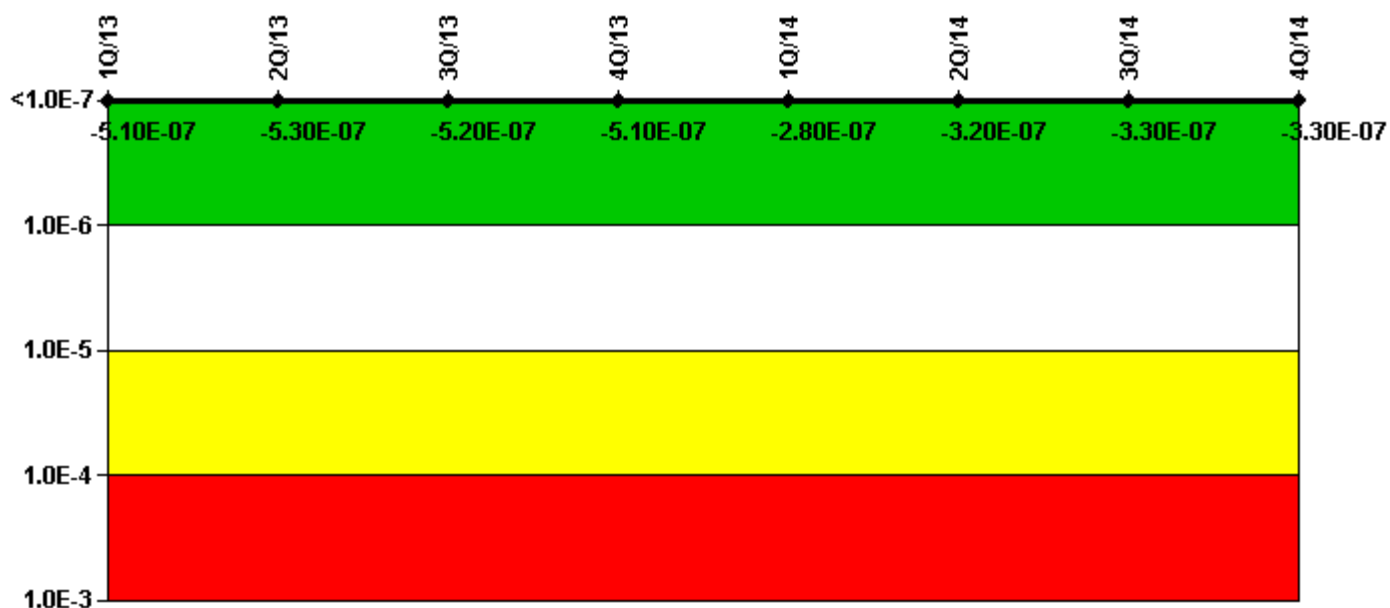
Mitigating Systems Performance Index, High Pressure Injection System	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
UAI (Δ CDF)	1.10E-10	1.64E-10	2.65E-10	1.78E-07	2.25E-07	2.26E-07	2.38E-07	2.27E-07
URI (Δ CDF)	-1.26E-08	-1.26E-08	-1.26E-08	-3.78E-08	-3.78E-08	-3.78E-08	-3.78E-08	-3.78E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.20E-08	-1.20E-08	-1.20E-08	1.40E-07	1.90E-07	1.90E-07	2.00E-07	1.90E-07

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

4Q/13: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



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

Notes

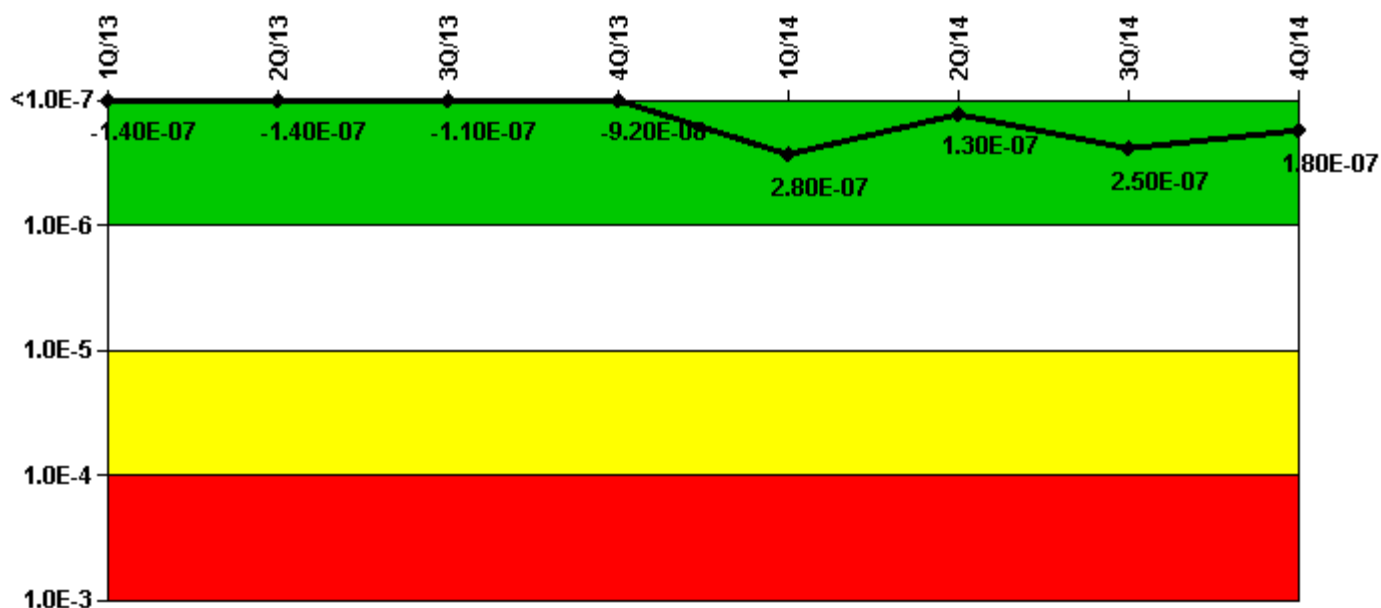
Mitigating Systems Performance Index, Heat Removal System	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
UAI (Δ CDF)	-9.46E-08	-1.20E-07	-1.07E-07	-1.07E-07	1.17E-07	8.10E-08	7.10E-08	6.78E-08
URI (Δ CDF)	-4.12E-07	-4.12E-07	-4.12E-07	-4.00E-07	-4.00E-07	-4.00E-07	-4.00E-07	-4.00E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.10E-07	-5.30E-07	-5.20E-07	-5.10E-07	-2.80E-07	-3.20E-07	-3.30E-07	-3.30E-07

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

4Q/13: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System



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

Notes

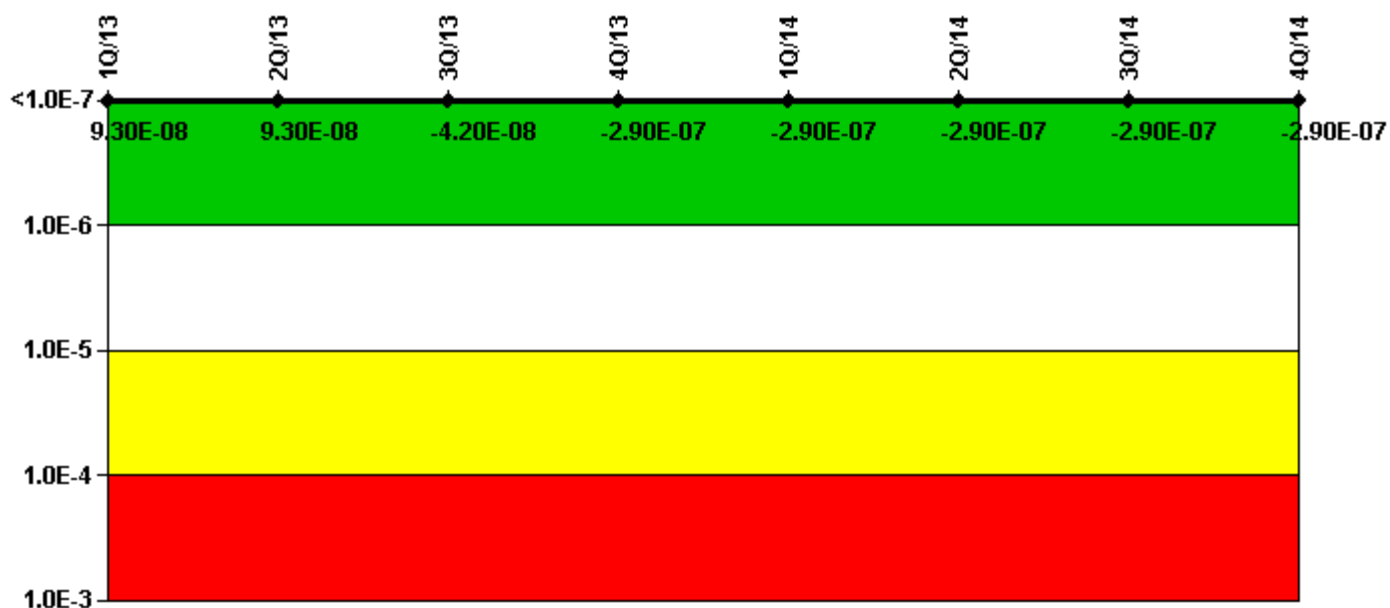
Mitigating Systems Performance Index, Residual Heat Removal System	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
UAI (Δ CDF)	1.51E-08	1.83E-08	4.06E-08	1.29E-07	5.03E-07	3.47E-07	4.69E-07	4.01E-07
URI (Δ CDF)	-1.55E-07	-1.55E-07	-1.55E-07	-2.21E-07	-2.21E-07	-2.21E-07	-2.21E-07	-2.21E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.40E-07	-1.40E-07	-1.10E-07	-9.20E-08	2.80E-07	1.30E-07	2.50E-07	1.80E-07

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

4Q/13: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



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

Notes

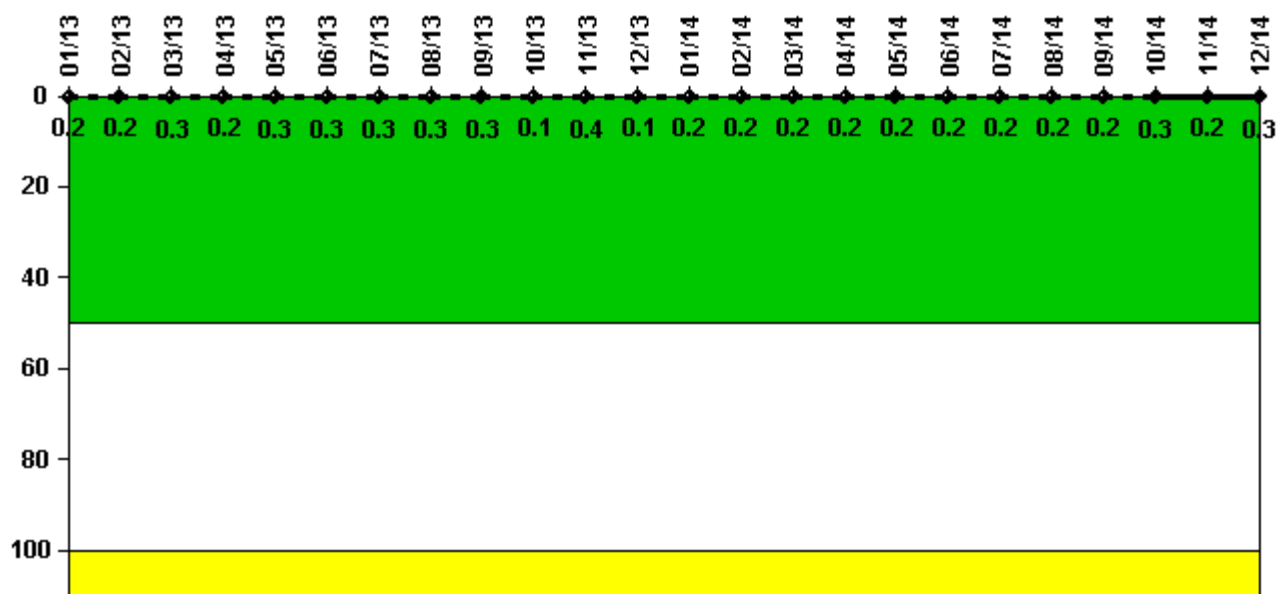
Mitigating Systems Performance Index, Cooling Water Systems	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
UAI (Δ CDF)	2.24E-08	2.24E-08	9.32E-09	2.31E-08	2.31E-08	2.24E-08	2.32E-08	2.02E-08
URI (Δ CDF)	7.02E-08	7.02E-08	-5.08E-08	-3.13E-07	-3.13E-07	-3.13E-07	-3.13E-07	-3.13E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	9.30E-08	9.30E-08	-4.20E-08	-2.90E-07	-2.90E-07	-2.90E-07	-2.90E-07	-2.90E-07

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

4Q/13: Changed PRA Parameter(s).

Reactor Coolant System Activity



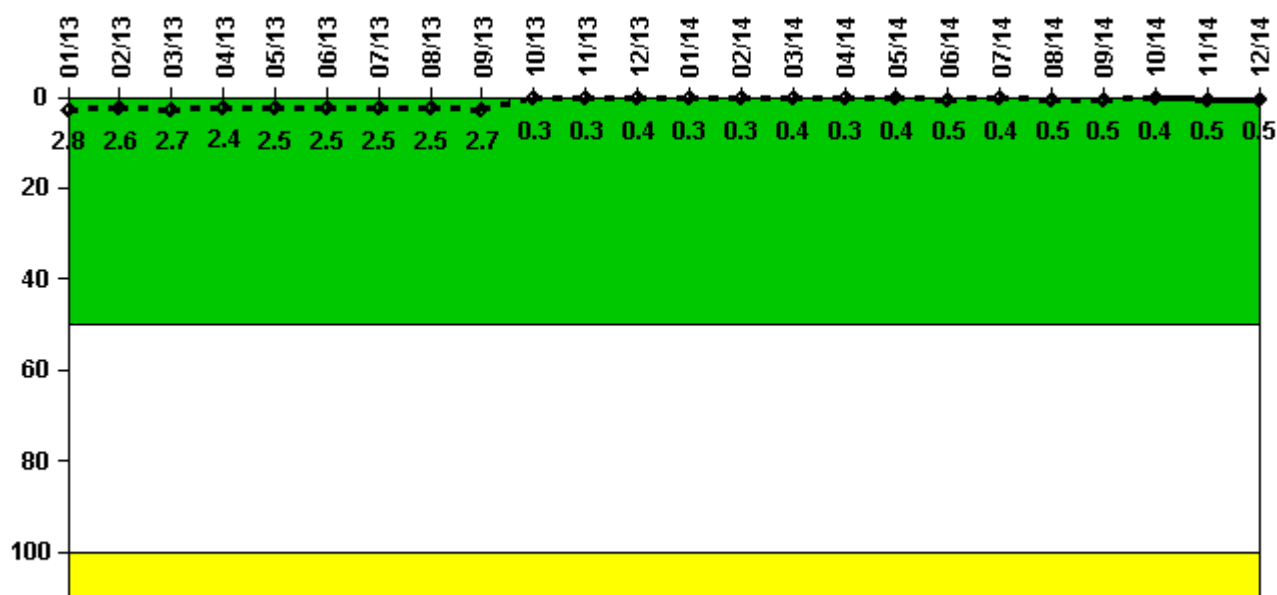
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/13	2/13	3/13	4/13	5/13	6/13	7/13	8/13	9/13	10/13	11/13	12/13
Maximum activity	0.001110	0.001220	0.001260	0.001210	0.001310	0.001300	0.001300	0.001330	0.001320	0.000492	0.002170	0.000649
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.2	0.2	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.1	0.4	0.1
Reactor Coolant System Activity	1/14	2/14	3/14	4/14	5/14	6/14	7/14	8/14	9/14	10/14	11/14	12/14
Maximum activity	0.000751	0.000772	0.000803	0.000898	0.000955	0.000958	0.000987	0.000943	0.001010	0.001430	0.001160	0.001300
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3

Licensee Comments: none

Reactor Coolant System Leakage

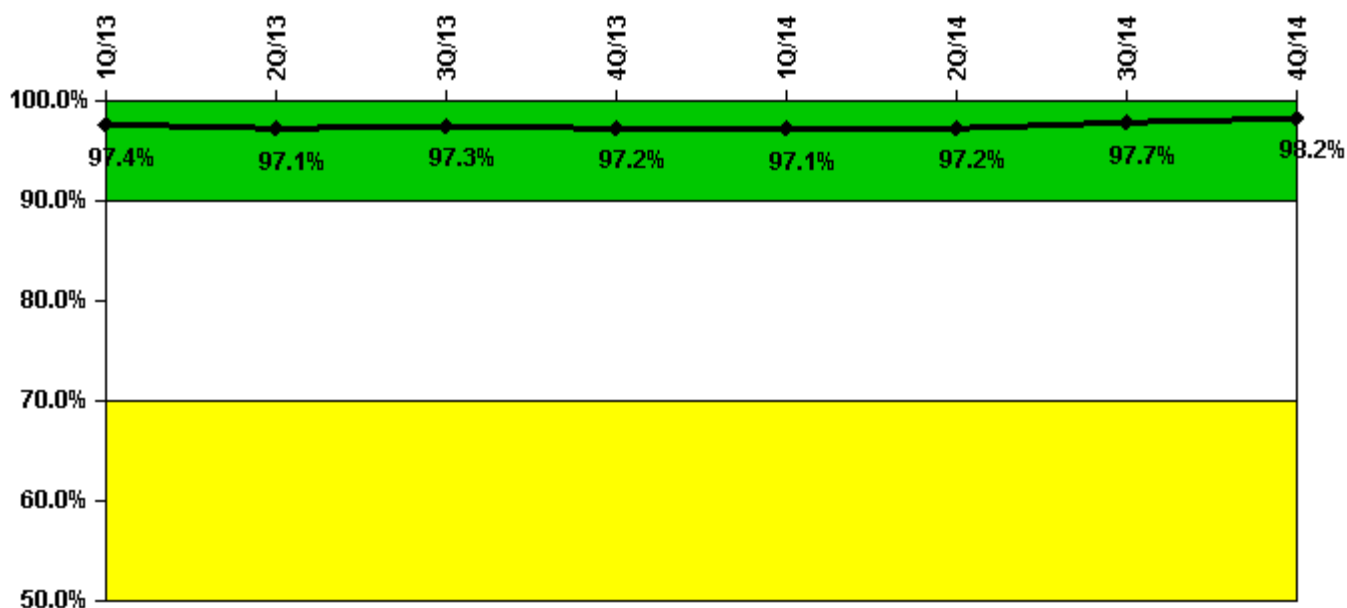


Thresholds: White > 50.0 Yellow > 100.0

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	0.278	0.256	0.270	0.242	0.246	0.253	0.253	0.254	0.268	0.027	0.031	0.035
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.8	2.6	2.7	2.4	2.5	2.5	2.5	2.5	2.7	0.3	0.3	0.4
Reactor Coolant System Leakage	1/14	2/14	3/14	4/14	5/14	6/14	7/14	8/14	9/14	10/14	11/14	12/14
Maximum leakage	0.034	0.029	0.037	0.034	0.044	0.045	0.042	0.047	0.045	0.043	0.050	0.045
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.3	0.4	0.3	0.4	0.5	0.4	0.5	0.5	0.4	0.5	0.5

Licensee Comments: none

Drill/Exercise Performance

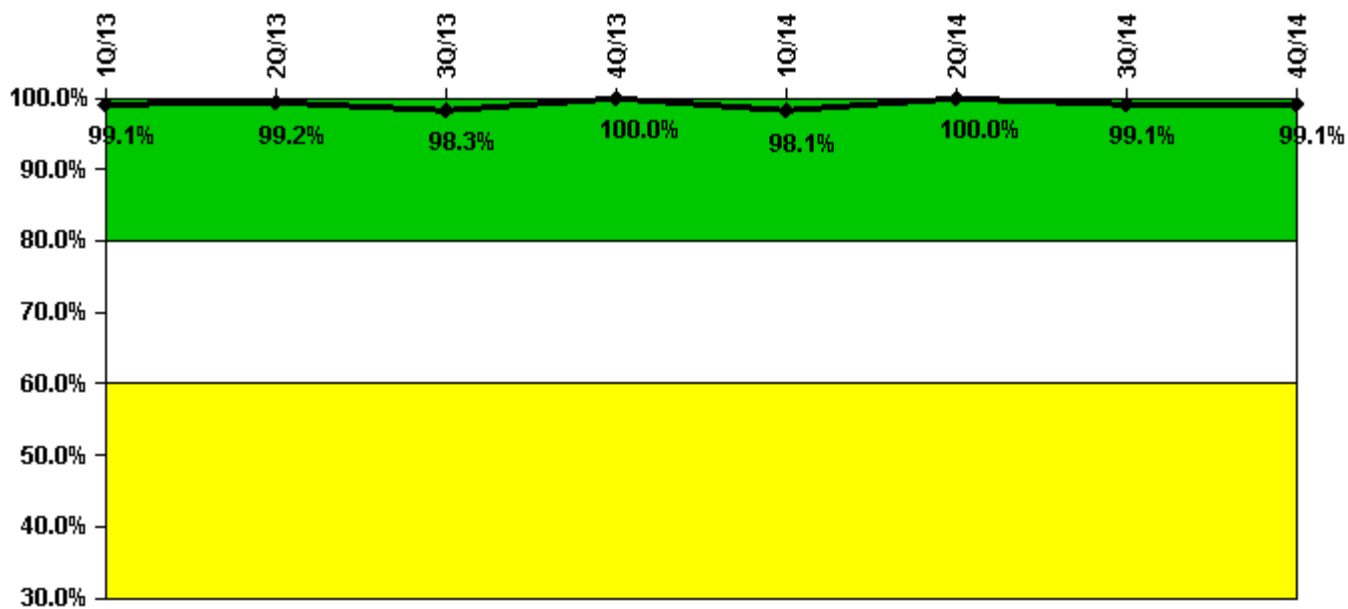
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Successful opportunities	40.0	47.0	46.0	18.0	27.0	24.0	52.0	20.0
Total opportunities	40.0	50.0	46.0	18.0	28.0	25.0	52.0	20.0
Indicator value	97.4%	97.1%	97.3%	97.2%	97.1%	97.2%	97.7%	98.2%

Licensee Comments: none

ERO Drill Participation



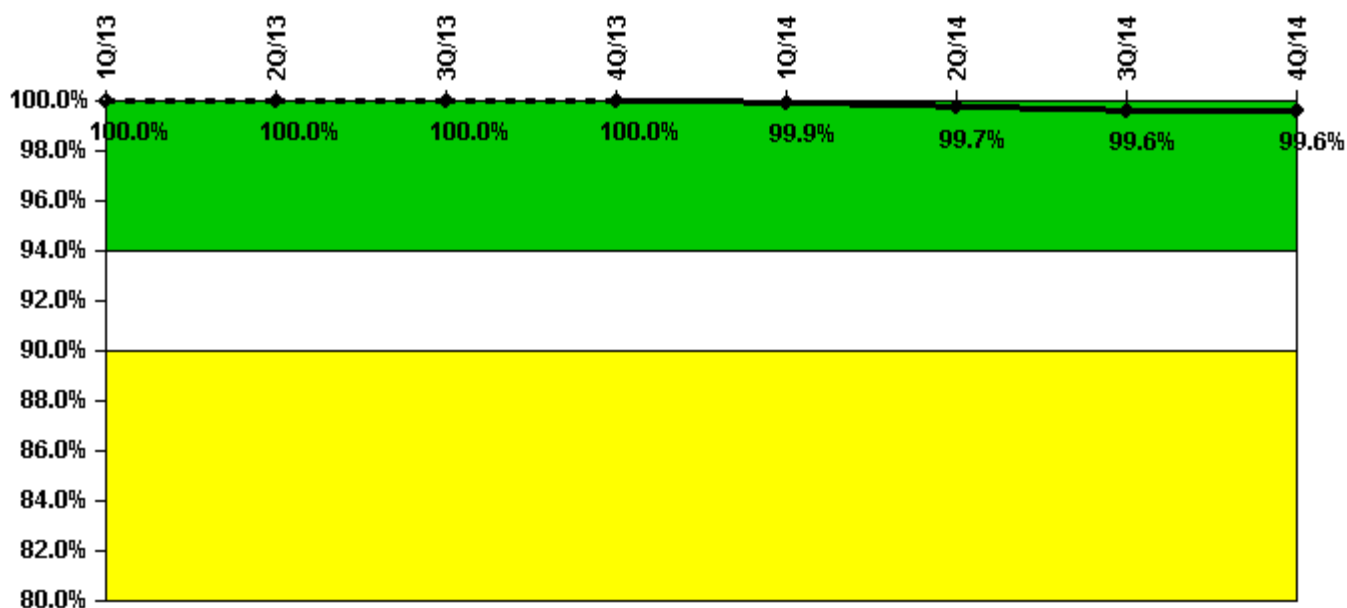
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Participating Key personnel	108.0	117.0	117.0	121.0	103.0	109.0	110.0	114.0
Total Key personnel	109.0	118.0	119.0	121.0	105.0	109.0	111.0	115.0
Indicator value	99.1%	99.2%	98.3%	100.0%	98.1%	100.0%	99.1%	99.1%

Licensee Comments: none

Alert & Notification System



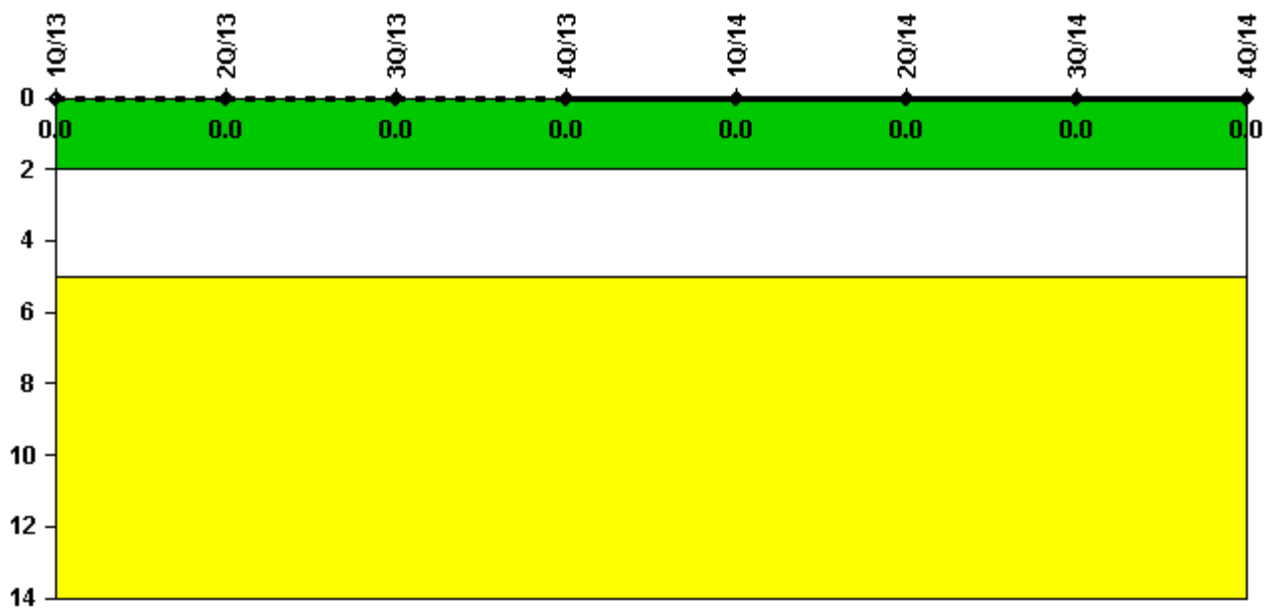
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Successful siren-tests	42	42	42	42	1156	1043	1151	1151
Total sirens-tests	42	42	42	42	1157	1049	1157	1157
Indicator value	100.0%	100.0%	100.0%	100.0%	99.9%	99.7%	99.6%	99.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness

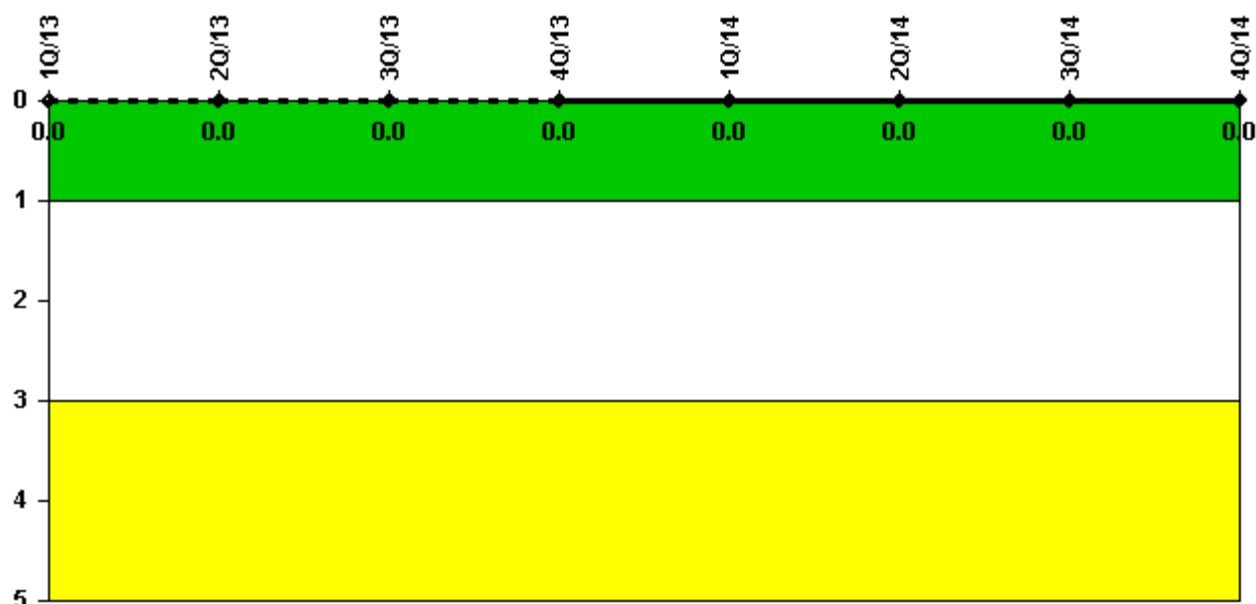


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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

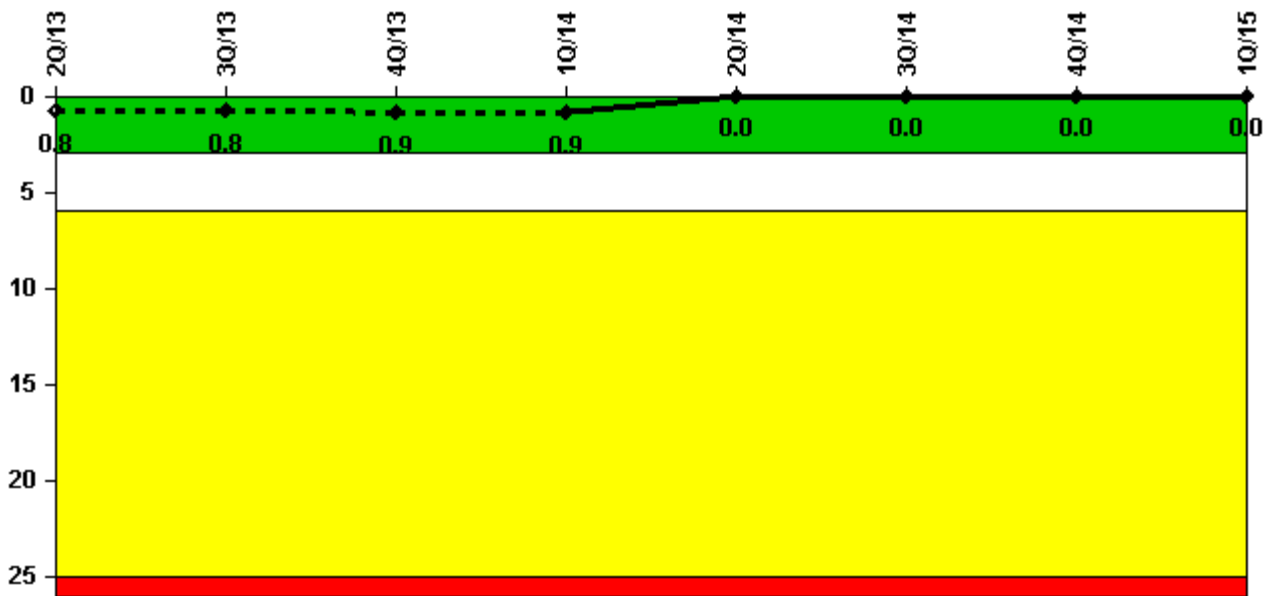
Farley 1

1Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



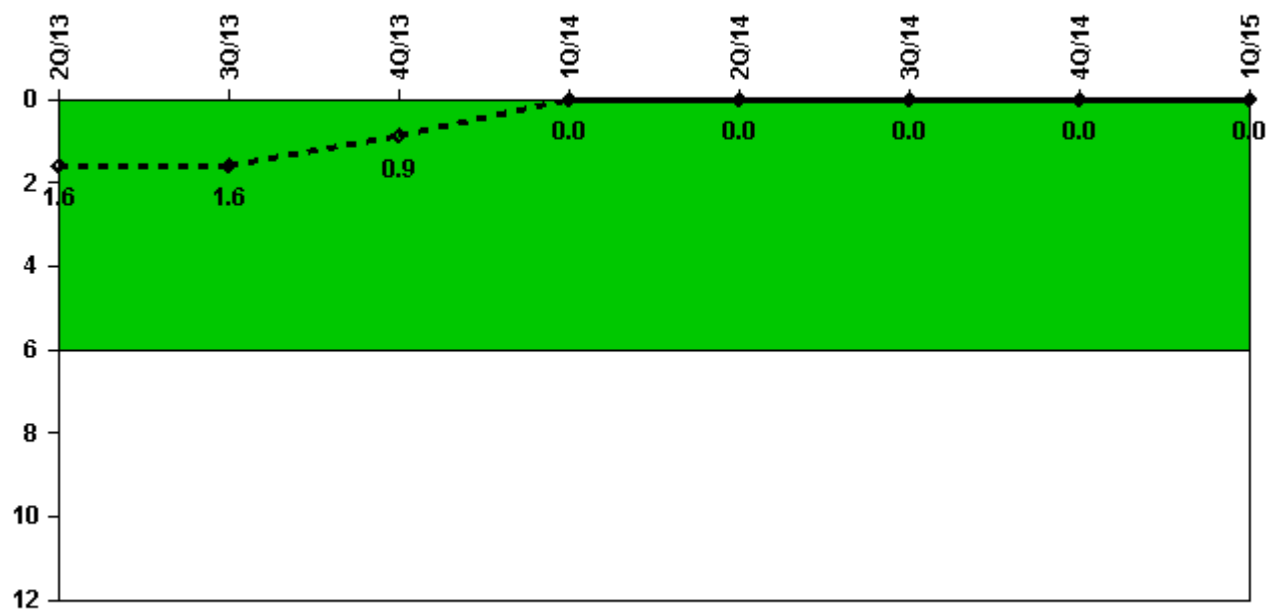
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Unplanned scrams	1.0	0	0	0	0	0	0	0
Critical hours	2140.6	2166.8	1621.1	2159.0	2184.0	2208.0	2209.0	2094.7
Indicator value	0.8	0.8	0.9	0.9	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



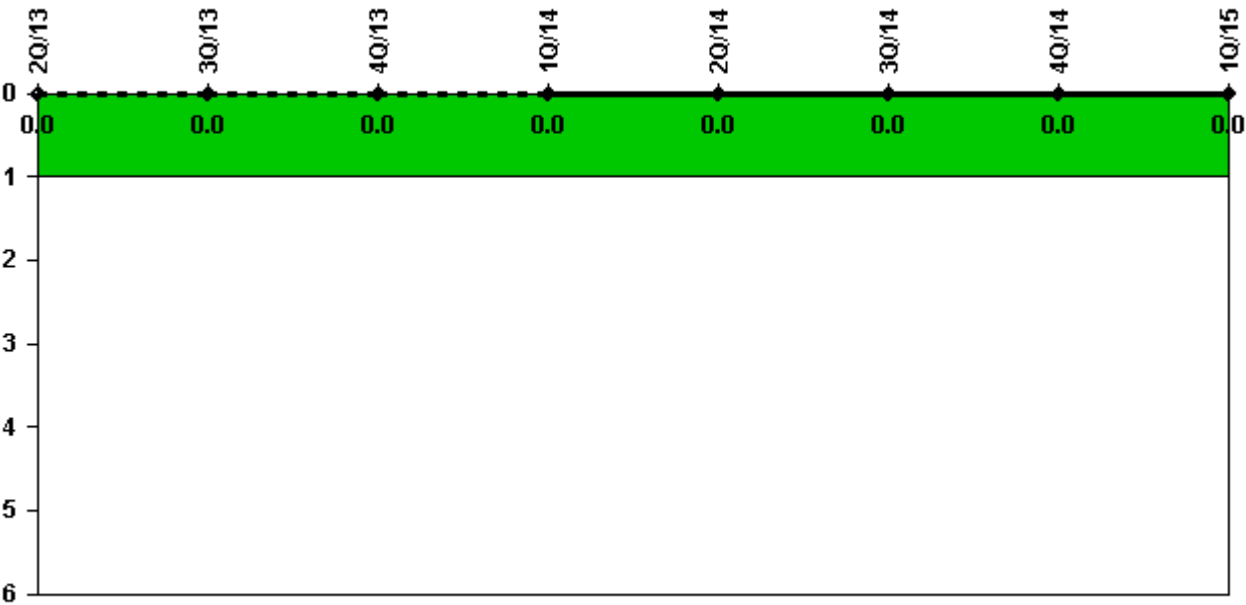
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2140.6	2166.8	1621.1	2159.0	2184.0	2208.0	2209.0	2094.7
Indicator value	1.6	1.6	0.9	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



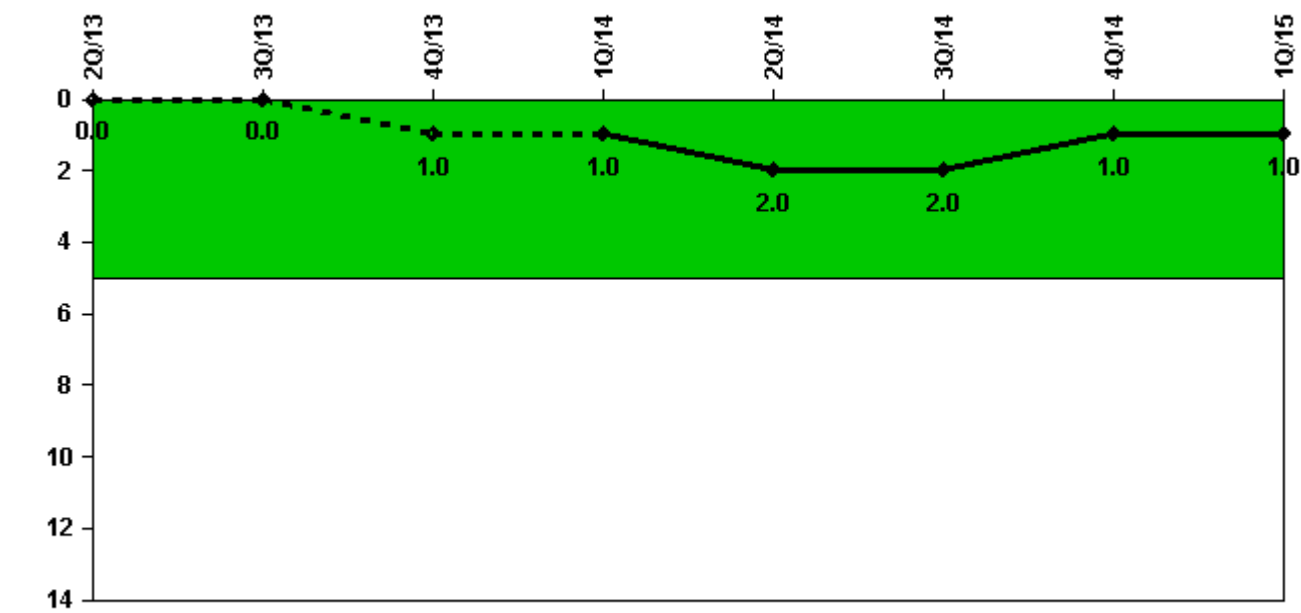
Thresholds: White > 1.0

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)



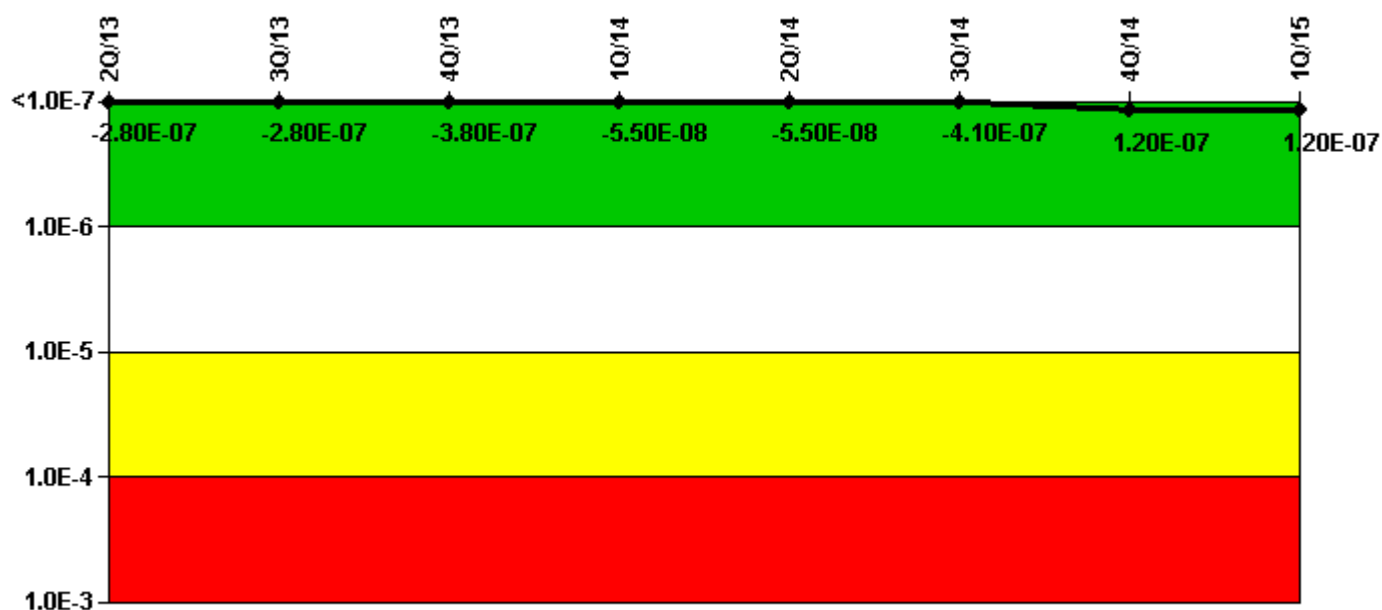
Thresholds: White > 5.0

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	1	0	1	0	0	0
Indicator value	0	0	1	1	2	2	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)	3.53E-08	3.55E-08	1.16E-07	1.61E-07	1.61E-07	8.61E-08	1.20E-07	1.22E-07
URI (Δ CDF)	-3.19E-07	-3.19E-07	-4.98E-07	-2.16E-07	-2.16E-07	-4.99E-07	5.68E-10	5.68E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.80E-07	-2.80E-07	-3.80E-07	-5.50E-08	-5.50E-08	-4.10E-07	1.20E-07	1.20E-07

Licensee Comments:

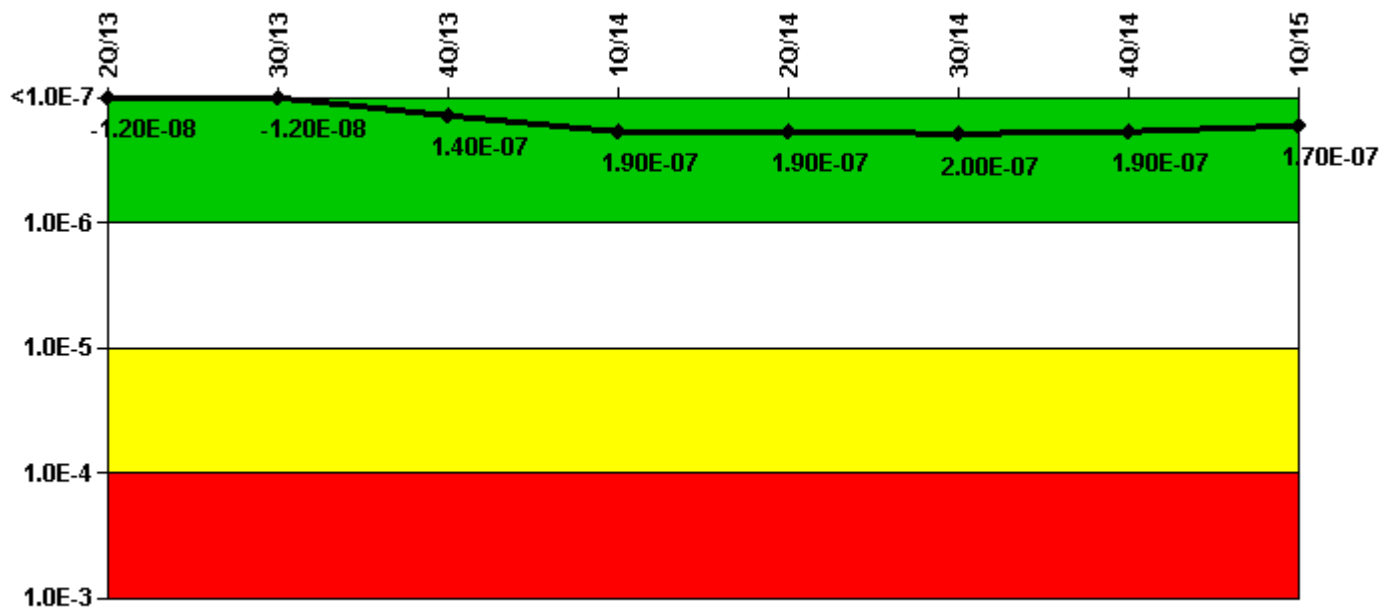
1Q/15: Risk Cap Invoked.

4Q/14: Risk Cap Invoked.

1Q/14: Changed PRA Parameter(s).

4Q/13: Changed PRA Parameter(s).

Mitigating Systems Performance Index, High Pressure Injection System



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

Notes

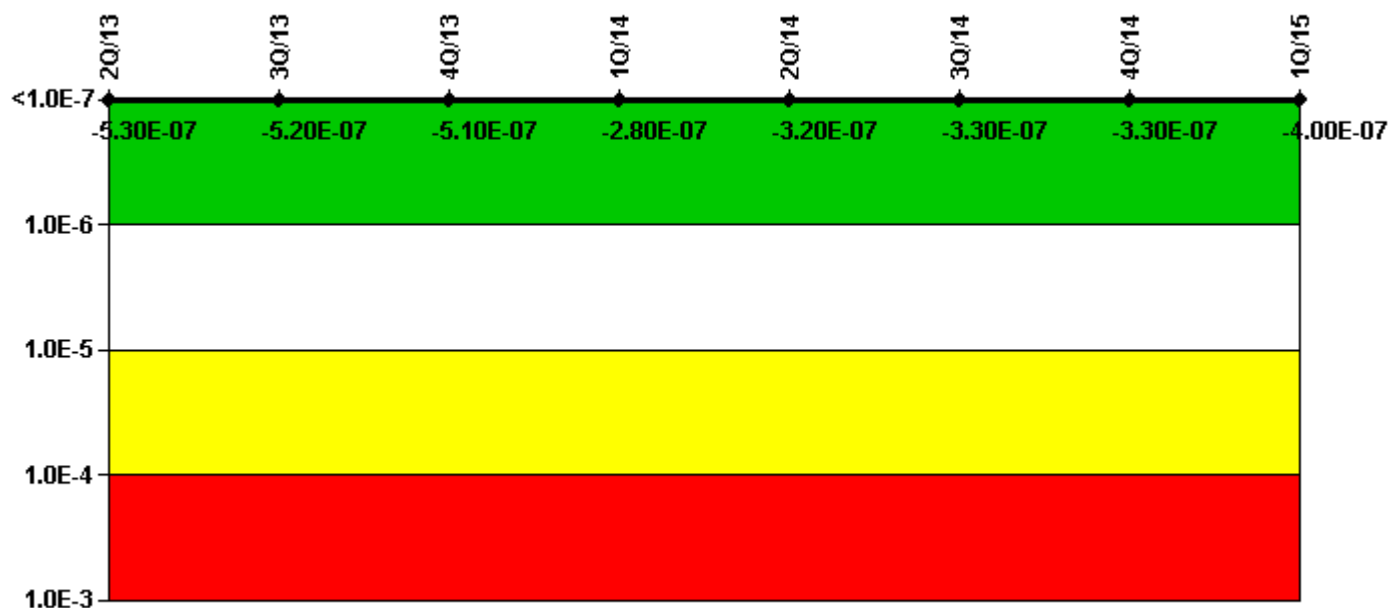
Mitigating Systems Performance Index, High Pressure Injection System	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
UAI (Δ CDF)	1.64E-10	2.65E-10	1.78E-07	2.25E-07	2.26E-07	2.38E-07	2.27E-07	2.11E-07
URI (Δ CDF)	-1.26E-08	-1.26E-08	-3.78E-08	-3.78E-08	-3.78E-08	-3.78E-08	-3.78E-08	-3.78E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.20E-08	-1.20E-08	1.40E-07	1.90E-07	1.90E-07	2.00E-07	1.90E-07	1.70E-07

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

4Q/13: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



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

Notes

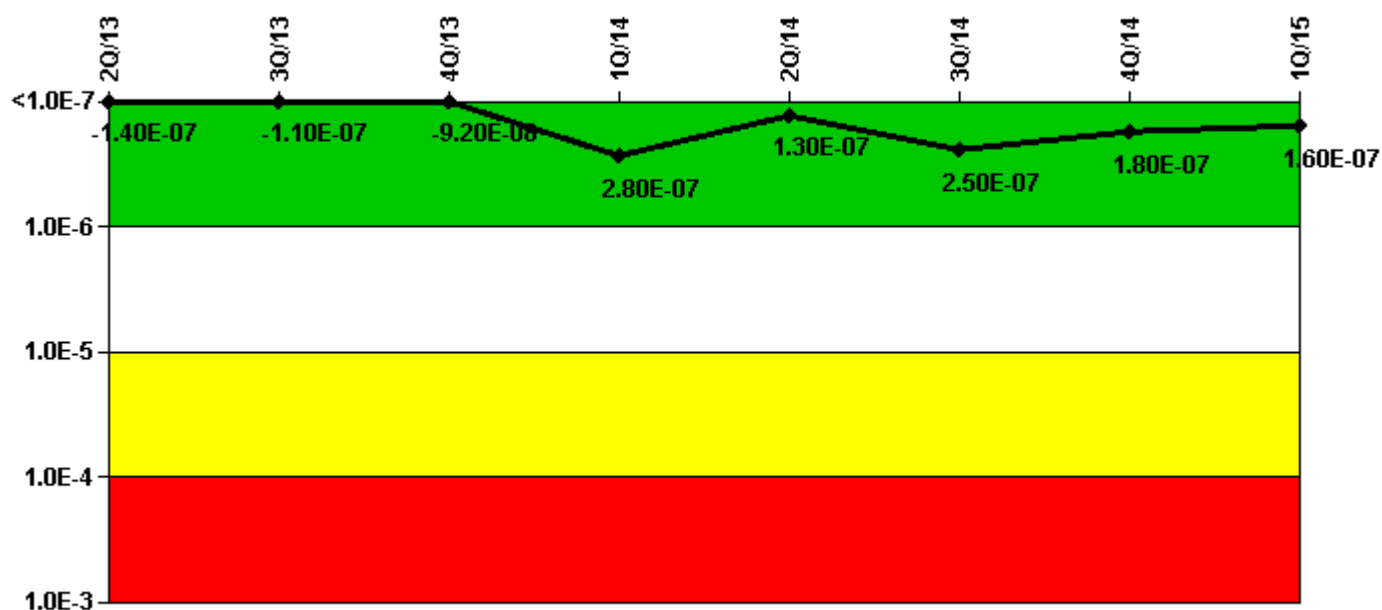
Mitigating Systems Performance Index, Heat Removal System	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
UAI (Δ CDF)	-1.20E-07	-1.07E-07	-1.07E-07	1.17E-07	8.10E-08	7.10E-08	6.78E-08	2.08E-09
URI (Δ CDF)	-4.12E-07	-4.12E-07	-4.00E-07	-4.00E-07	-4.00E-07	-4.00E-07	-4.00E-07	-4.00E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.30E-07	-5.20E-07	-5.10E-07	-2.80E-07	-3.20E-07	-3.30E-07	-3.30E-07	-4.00E-07

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

4Q/13: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System



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

Notes

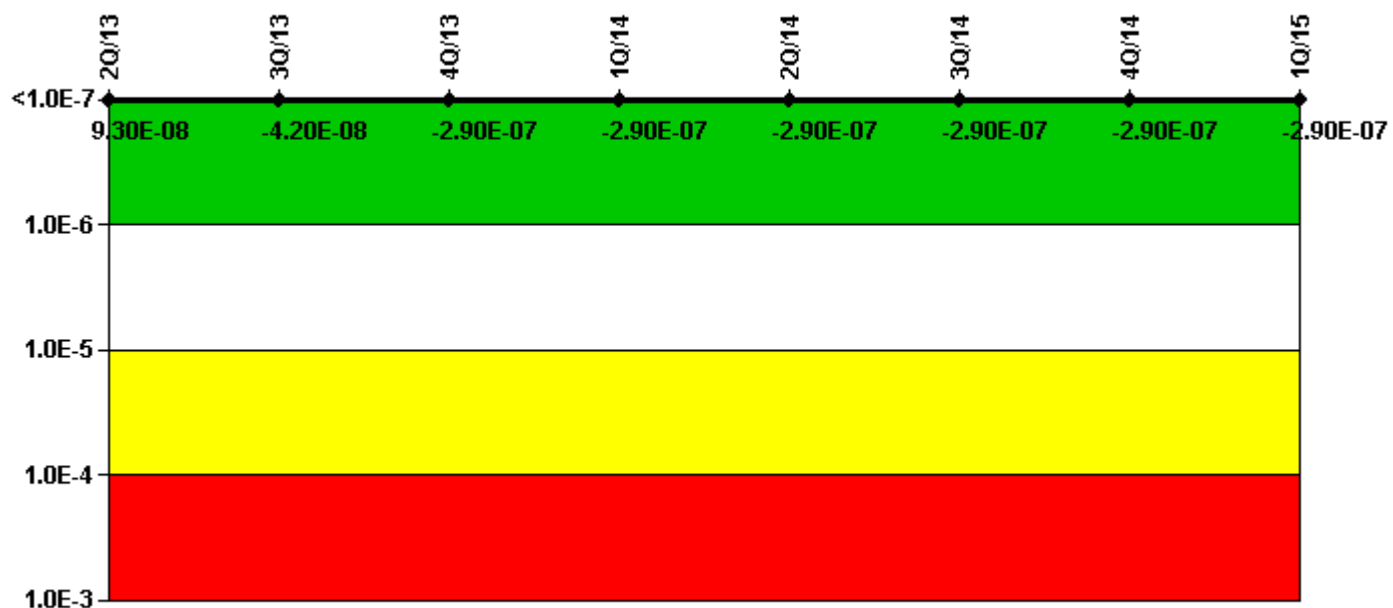
Mitigating Systems Performance Index, Residual Heat Removal System	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
UAI (Δ CDF)	1.83E-08	4.06E-08	1.29E-07	5.03E-07	3.47E-07	4.69E-07	4.01E-07	3.83E-07
URI (Δ CDF)	-1.55E-07	-1.55E-07	-2.21E-07	-2.21E-07	-2.21E-07	-2.21E-07	-2.21E-07	-2.21E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.40E-07	-1.10E-07	-9.20E-08	2.80E-07	1.30E-07	2.50E-07	1.80E-07	1.60E-07

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

4Q/13: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



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

Notes

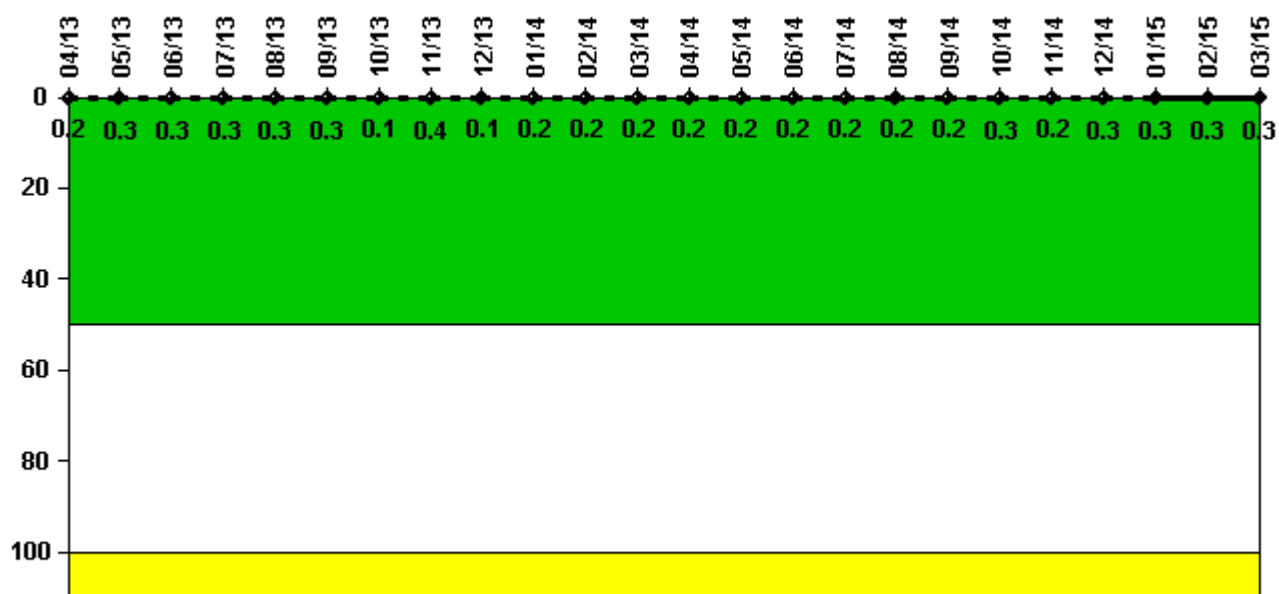
Mitigating Systems Performance Index, Cooling Water Systems	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
UAI (Δ CDF)	2.24E-08	9.32E-09	2.31E-08	2.31E-08	2.24E-08	2.32E-08	2.02E-08	2.01E-08
URI (Δ CDF)	7.02E-08	-5.08E-08	-3.13E-07	-3.13E-07	-3.13E-07	-3.13E-07	-3.13E-07	-3.13E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	9.30E-08	-4.20E-08	-2.90E-07	-2.90E-07	-2.90E-07	-2.90E-07	-2.90E-07	-2.90E-07

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

4Q/13: Changed PRA Parameter(s).

Reactor Coolant System Activity



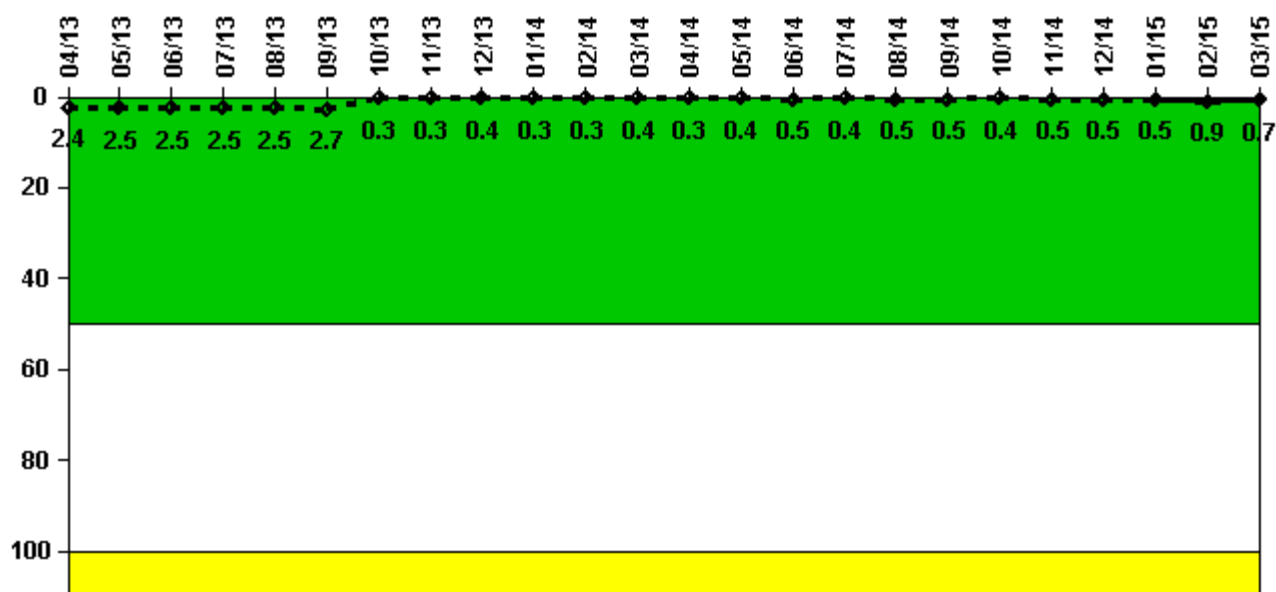
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	4/13	5/13	6/13	7/13	8/13	9/13	10/13	11/13	12/13	1/14	2/14	3/14
Maximum activity	0.001210	0.001310	0.001300	0.001300	0.001330	0.001320	0.000492	0.002170	0.000649	0.000751	0.000772	0.000803
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.2	0.3	0.3	0.3	0.3	0.3	0.1	0.4	0.1	0.2	0.2	0.2
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	0.000898	0.000955	0.000958	0.000987	0.000943	0.001010	0.001430	0.001160	0.001300	0.001560	0.001580	0.001250
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.3	0.3	0.3

Licensee Comments: none

Reactor Coolant System Leakage



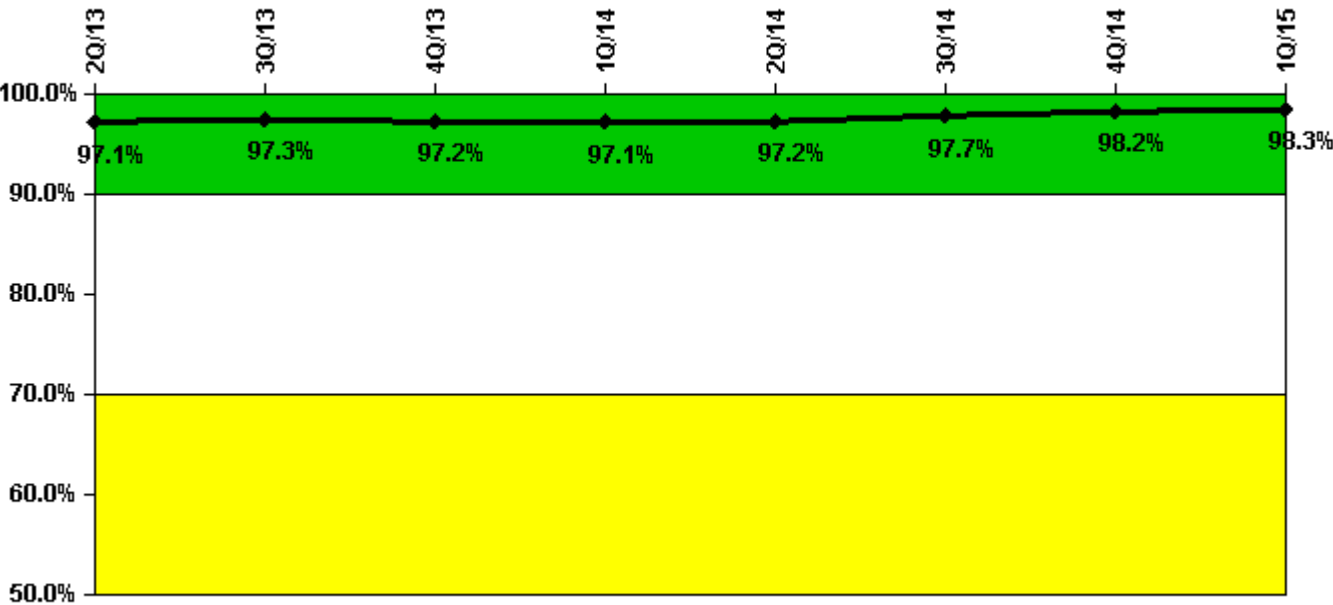
Thresholds: White > 50.0 Yellow > 100.0

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	0.242	0.246	0.253	0.253	0.254	0.268	0.027	0.031	0.035	0.034	0.029	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	2.4	2.5	2.5	2.5	2.5	2.7	0.3	0.3	0.4	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	0.034	0.044	0.045	0.042	0.047	0.045	0.043	0.050	0.045	0.048	0.085	0.068
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.4	0.5	0.4	0.5	0.5	0.4	0.5	0.5	0.5	0.9	0.7

Licensee Comments: none

Drill/Exercise Performance



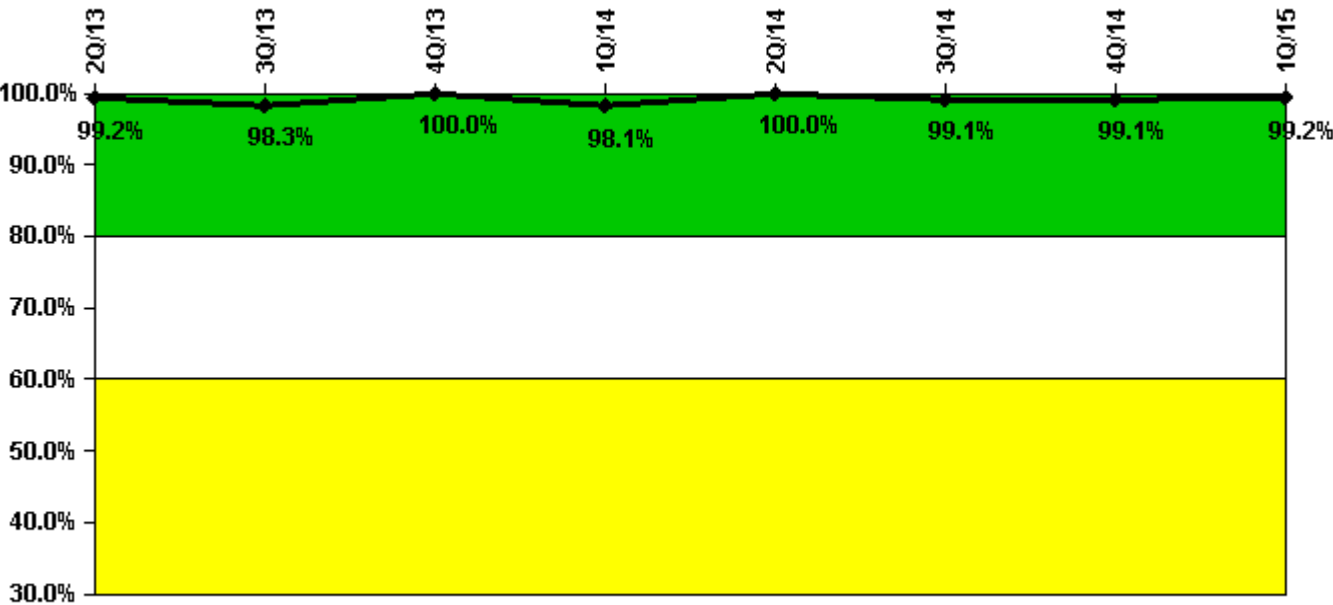
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Successful opportunities	47.0	46.0	18.0	27.0	24.0	52.0	20.0	63.0
Total opportunities	50.0	46.0	18.0	28.0	25.0	52.0	20.0	63.0
Indicator value	97.1%	97.3%	97.2%	97.1%	97.2%	97.7%	98.2%	98.3%

Licensee Comments: none

ERO Drill Participation



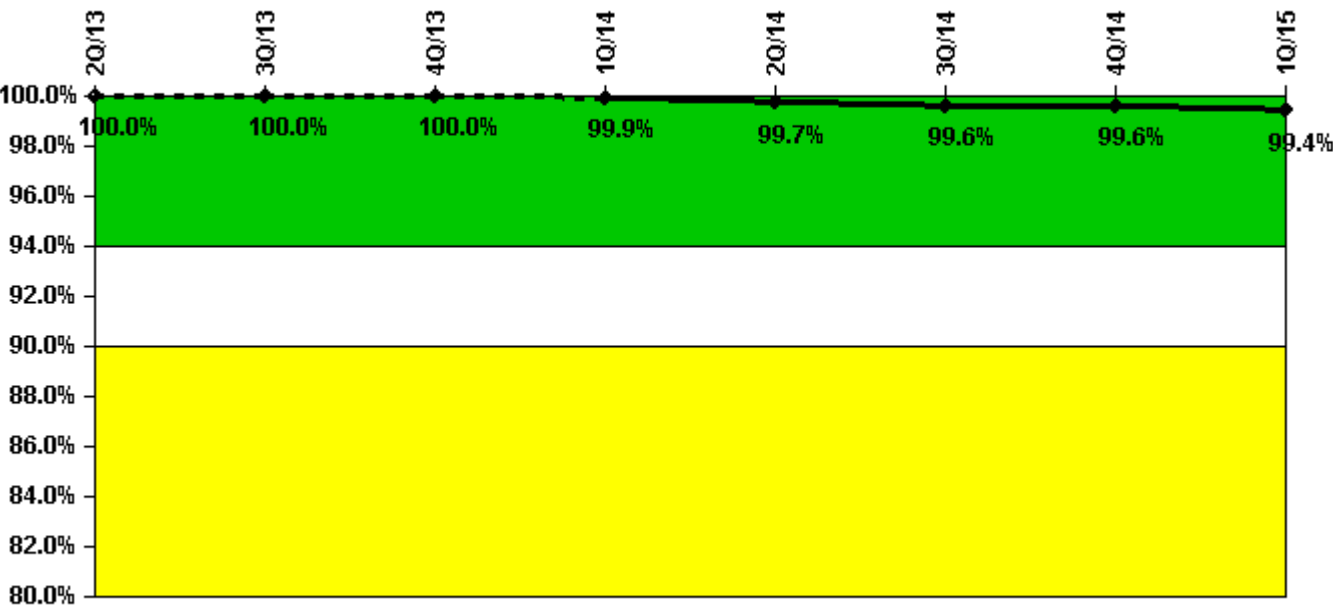
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Participating Key personnel	117.0	117.0	121.0	103.0	109.0	110.0	114.0	118.0
Total Key personnel	118.0	119.0	121.0	105.0	109.0	111.0	115.0	119.0
Indicator value	99.2%	98.3%	100.0%	98.1%	100.0%	99.1%	99.1%	99.2%

Licensee Comments: none

Alert & Notification System



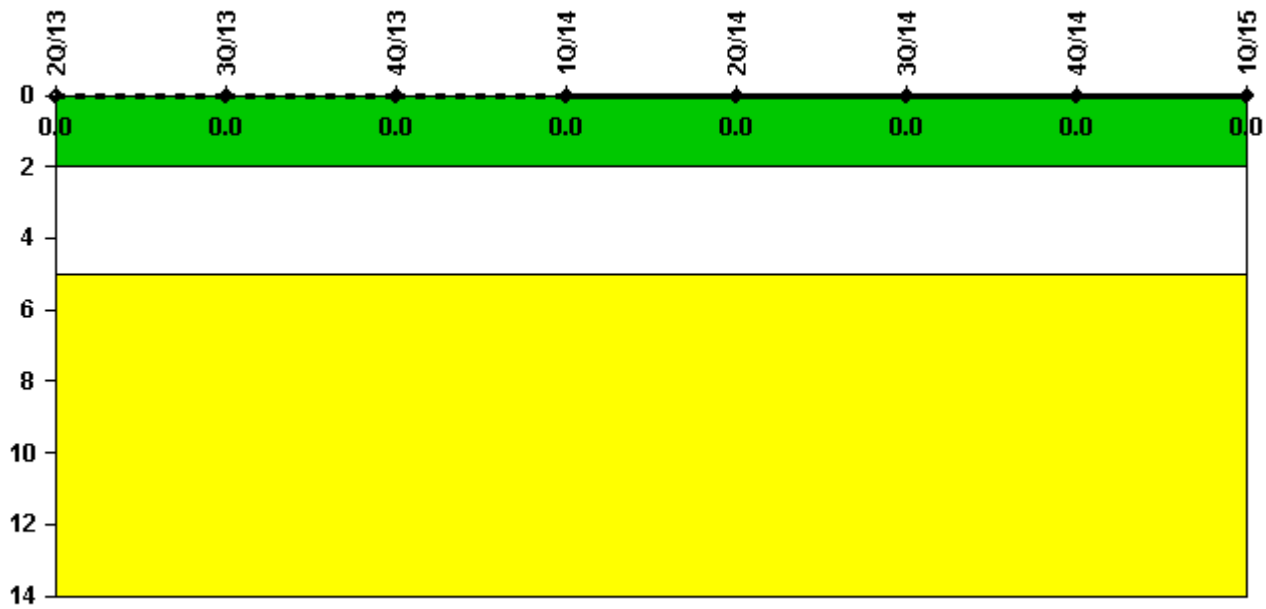
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Successful siren-tests	42	42	42	1156	1043	1151	1151	1148
Total sirens-tests	42	42	42	1157	1049	1157	1157	1157
Indicator value	100.0%	100.0%	100.0%	99.9%	99.7%	99.6%	99.6%	99.4%

Licensee Comments: none

Occupational Exposure Control Effectiveness

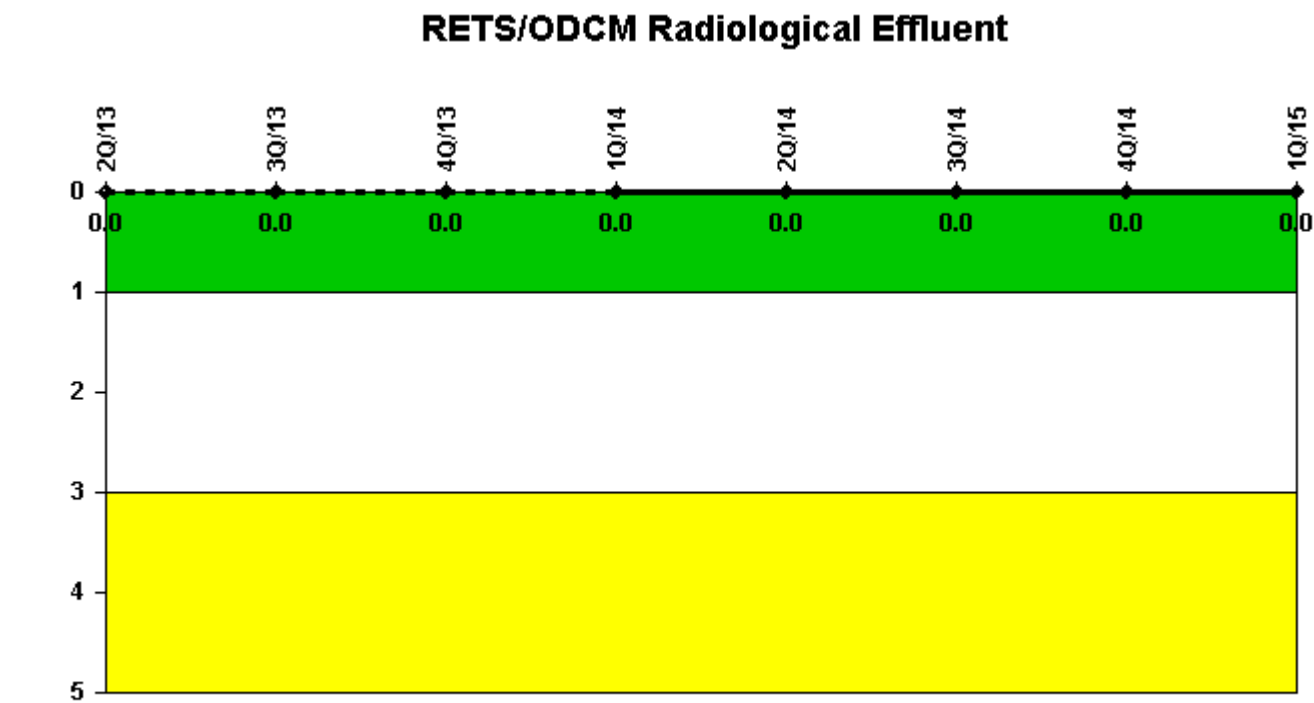


Thresholds: White > 2.0 Yellow > 5.0

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



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

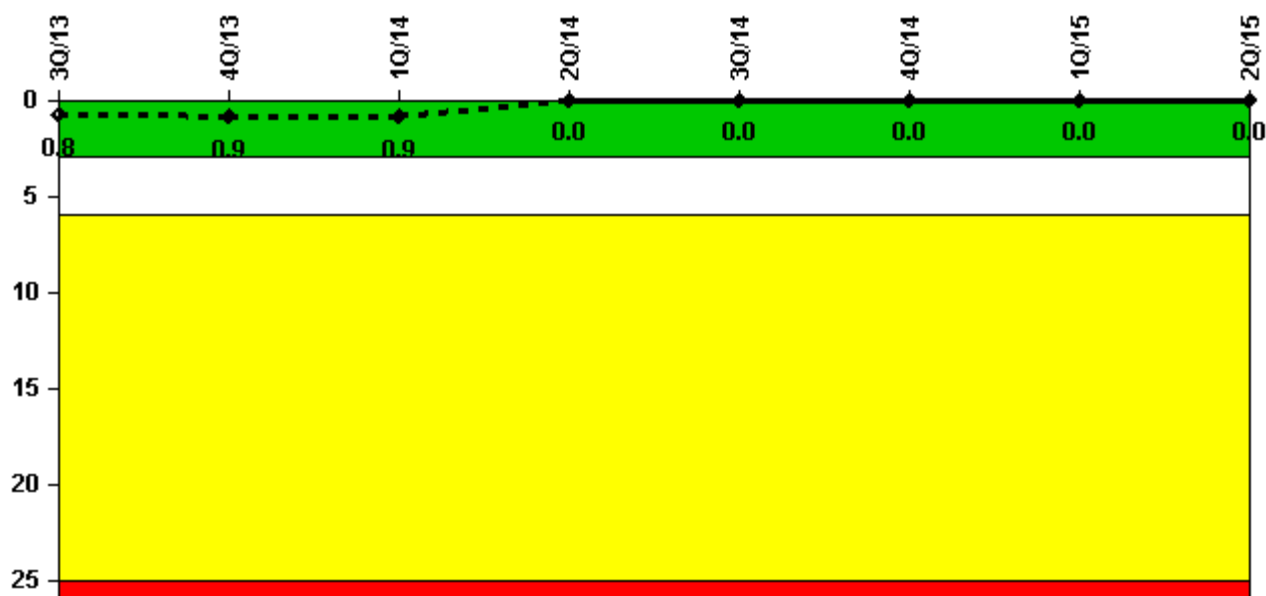
Farley 1

2Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



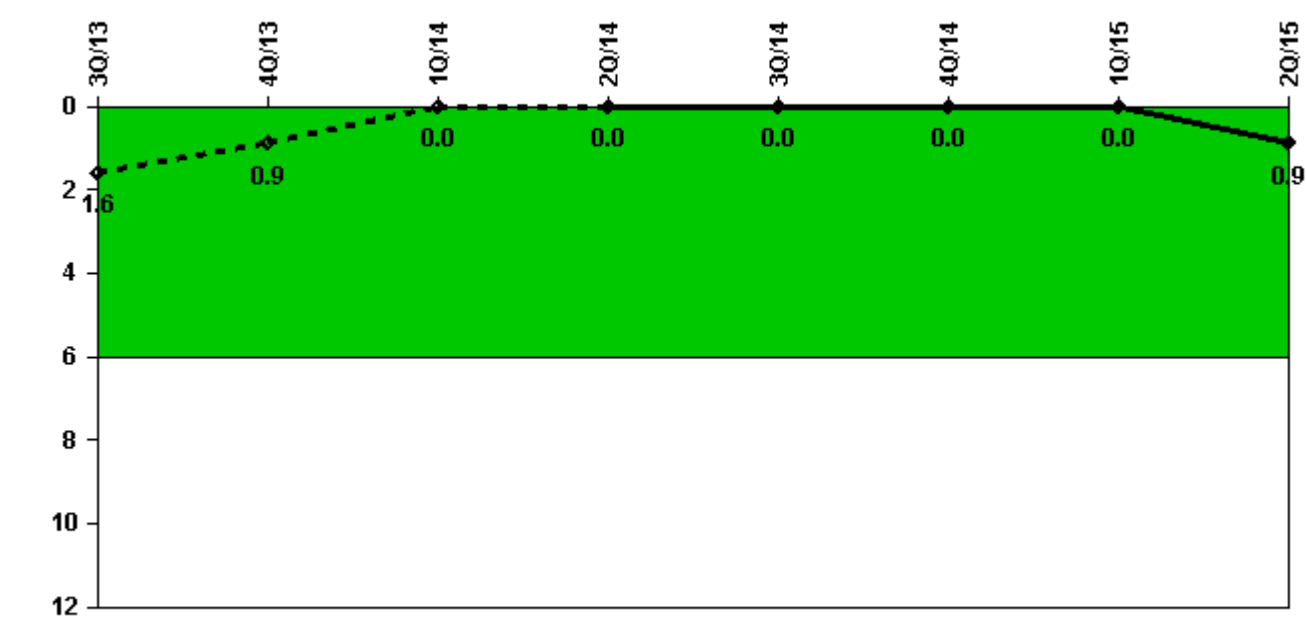
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2166.8	1621.1	2159.0	2184.0	2208.0	2209.0	2094.7	1256.5
Indicator value	0.8	0.9	0.9	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



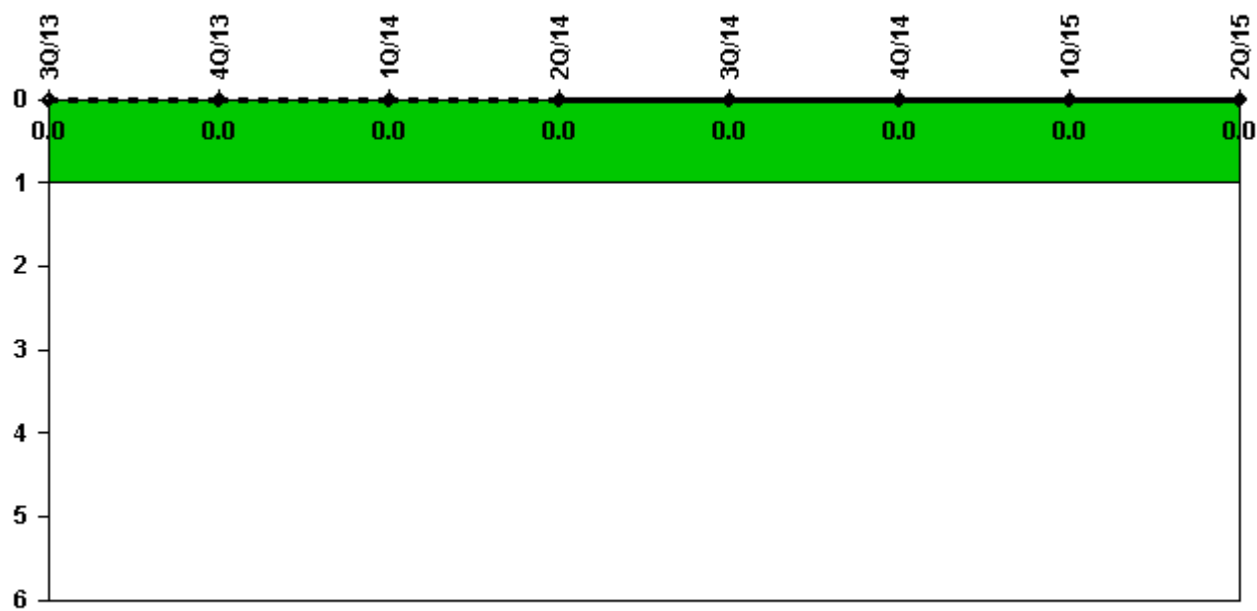
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/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	1.0
Critical hours	2166.8	1621.1	2159.0	2184.0	2208.0	2209.0	2094.7	1256.5
Indicator value	1.6	0.9	0	0	0	0	0	0.9

Licensee Comments: none

Unplanned Scrams with Complications



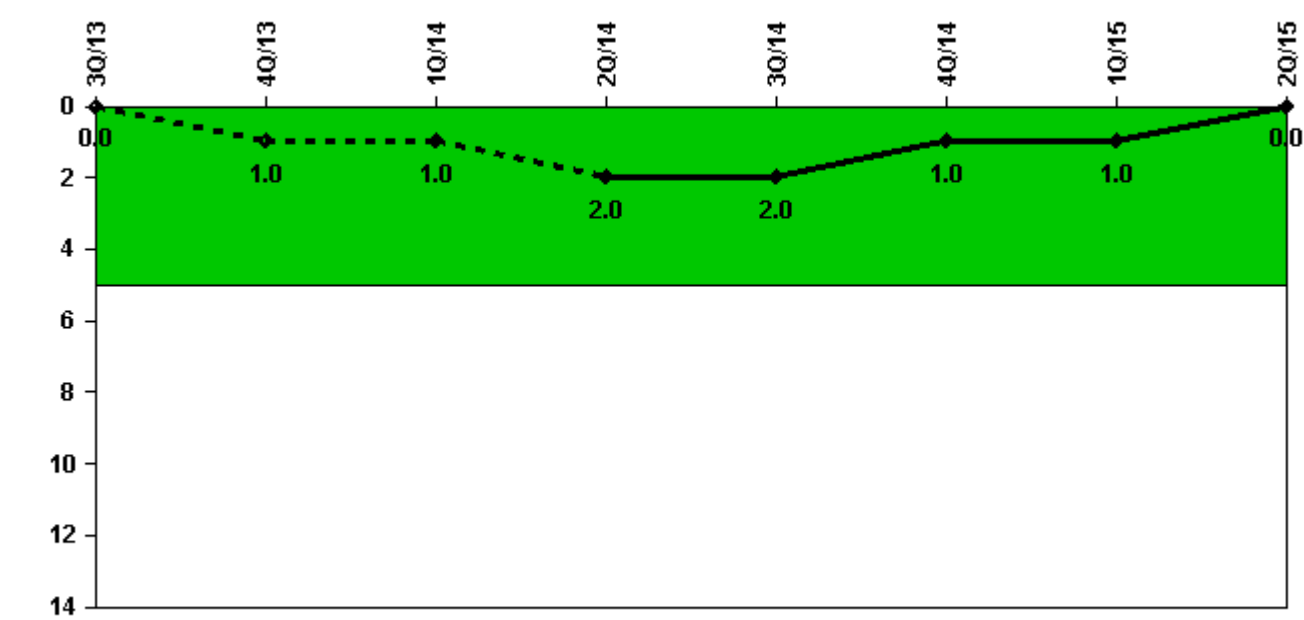
Thresholds: White > 1.0

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)



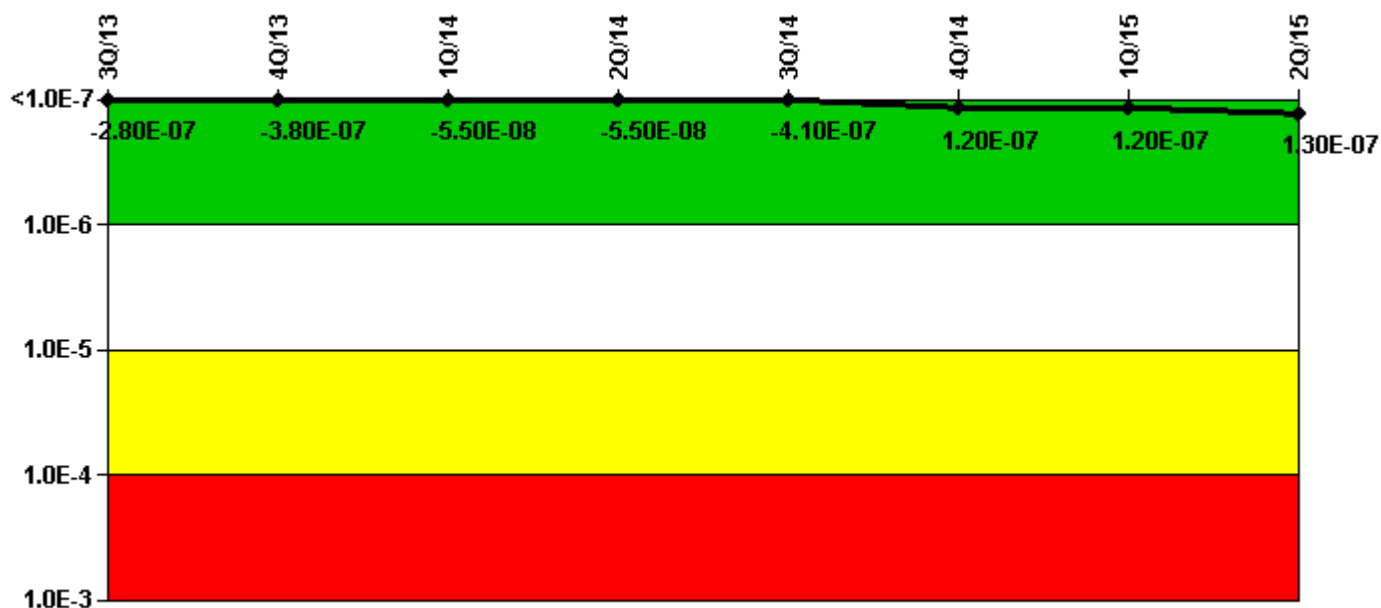
Thresholds: White > 5.0

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	1	0	1	0	0	0	0
Indicator value	0	1	1	2	2	1	1	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
UAI (Δ CDF)	3.55E-08	1.16E-07	1.61E-07	1.61E-07	8.61E-08	1.20E-07	1.22E-07	1.25E-07
URI (Δ CDF)	-3.19E-07	-4.98E-07	-2.16E-07	-2.16E-07	-4.99E-07	5.68E-10	5.68E-10	5.68E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.80E-07	-3.80E-07	-5.50E-08	-5.50E-08	-4.10E-07	1.20E-07	1.20E-07	1.30E-07

Licensee Comments:

2Q/15: Risk Cap Invoked.

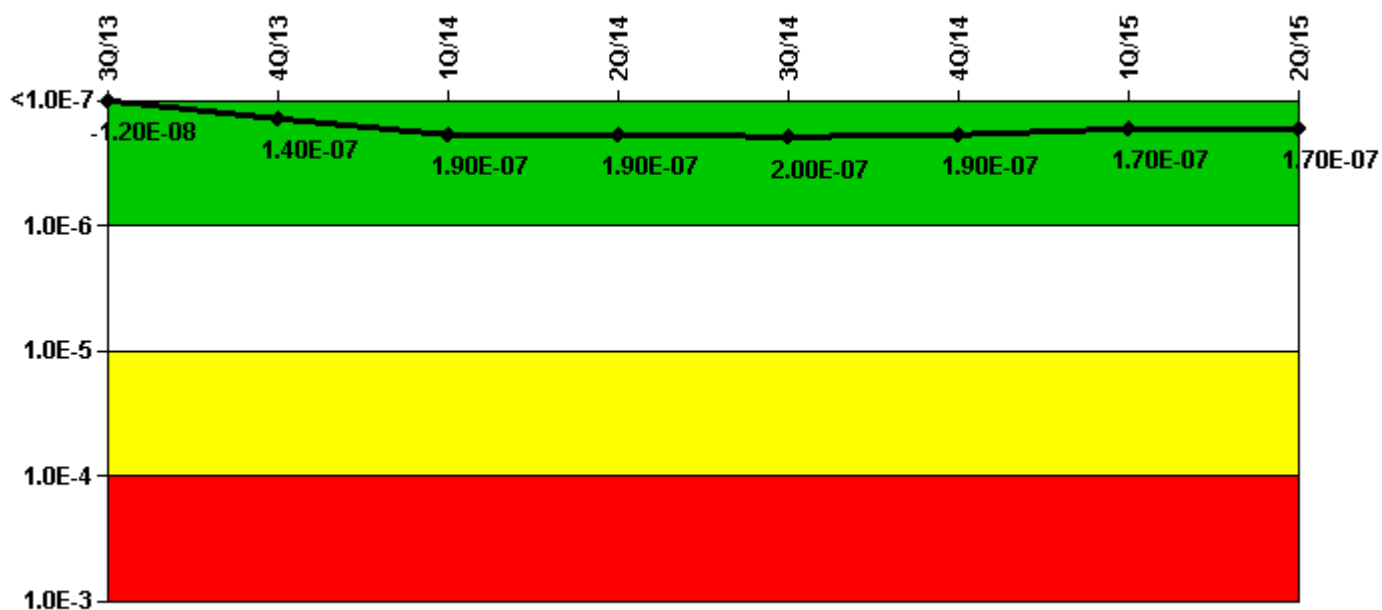
1Q/15: Risk Cap Invoked.

4Q/14: Risk Cap Invoked.

1Q/14: Changed PRA Parameter(s).

4Q/13: Changed PRA Parameter(s).

Mitigating Systems Performance Index, High Pressure Injection System



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

Notes

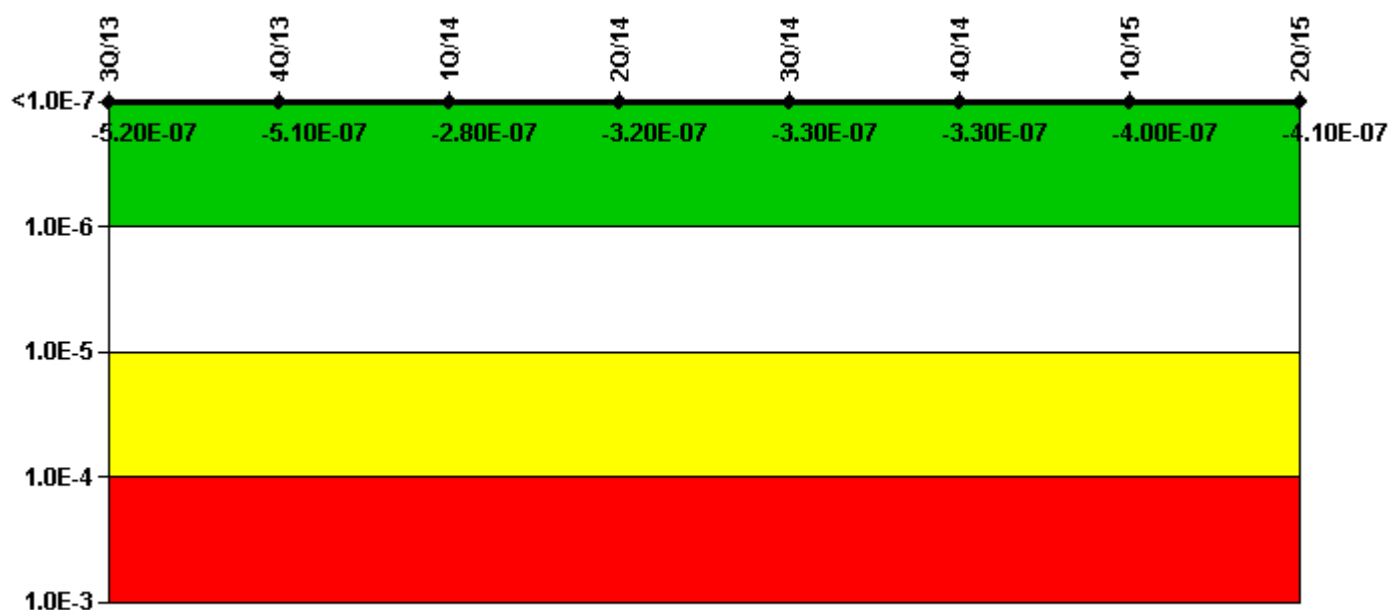
Mitigating Systems Performance Index, High Pressure Injection System	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
UAI (ΔCDF)	2.65E-10	1.78E-07	2.25E-07	2.26E-07	2.38E-07	2.27E-07	2.11E-07	2.05E-07
URI (ΔCDF)	-1.26E-08	-3.78E-08	-3.78E-08	-3.78E-08	-3.78E-08	-3.78E-08	-3.78E-08	-3.78E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.20E-08	1.40E-07	1.90E-07	1.90E-07	2.00E-07	1.90E-07	1.70E-07	1.70E-07

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

4Q/13: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



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

Notes

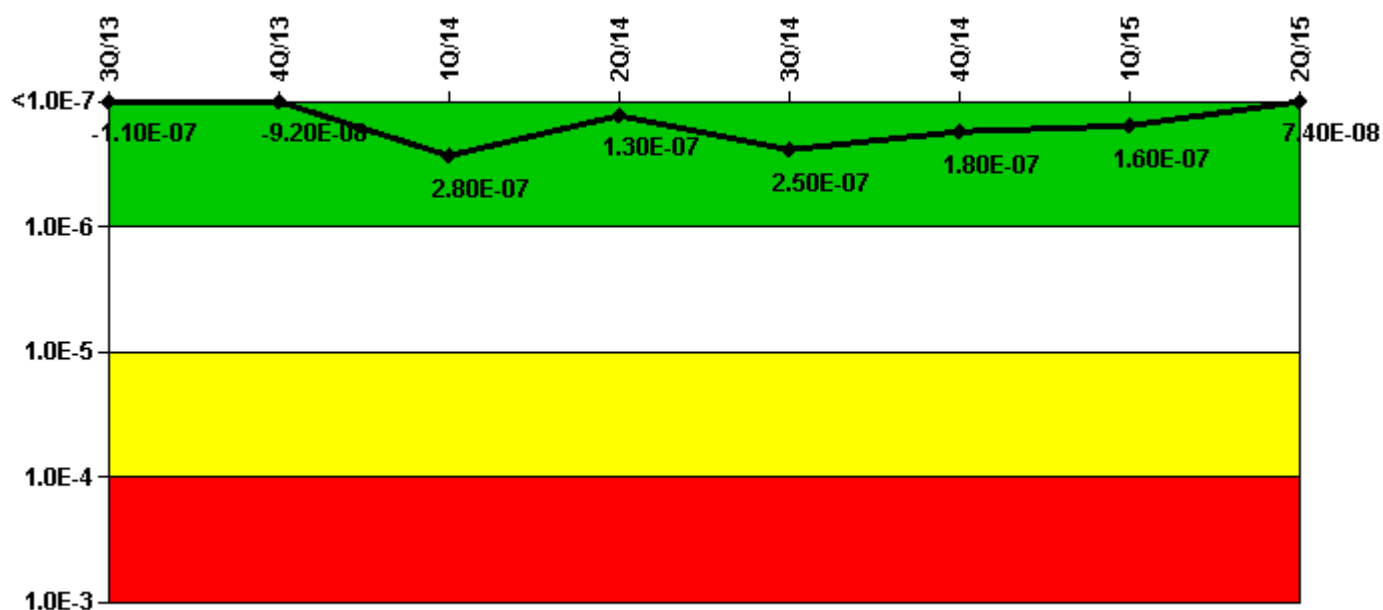
Mitigating Systems Performance Index, Heat Removal System	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
UAI (Δ CDF)	-1.07E-07	-1.07E-07	1.17E-07	8.10E-08	7.10E-08	6.78E-08	2.08E-09	-8.17E-09
URI (Δ CDF)	-4.12E-07	-4.00E-07	-4.00E-07	-4.00E-07	-4.00E-07	-4.00E-07	-4.00E-07	-4.00E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.20E-07	-5.10E-07	-2.80E-07	-3.20E-07	-3.30E-07	-3.30E-07	-4.00E-07	-4.10E-07

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

4Q/13: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System



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

Notes

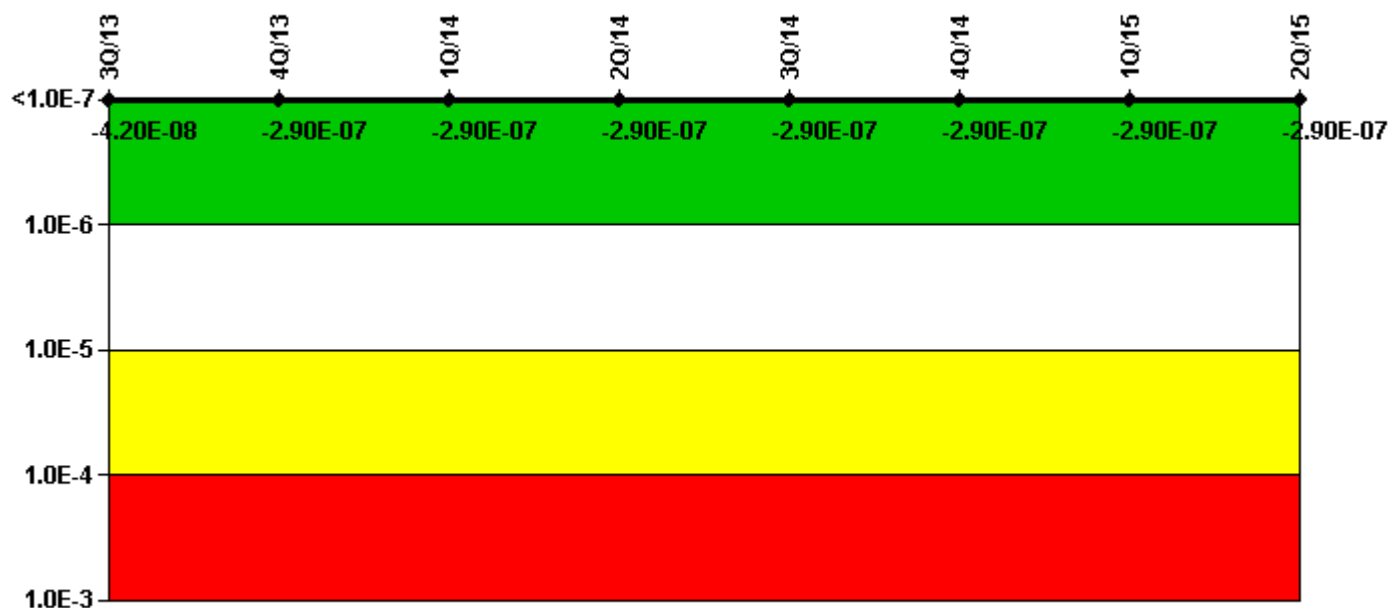
Mitigating Systems Performance Index, Residual Heat Removal System	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
UAI (Δ CDF)	4.06E-08	1.29E-07	5.03E-07	3.47E-07	4.69E-07	4.01E-07	3.83E-07	2.95E-07
URI (Δ CDF)	-1.55E-07	-2.21E-07	-2.21E-07	-2.21E-07	-2.21E-07	-2.21E-07	-2.21E-07	-2.21E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.10E-07	-9.20E-08	2.80E-07	1.30E-07	2.50E-07	1.80E-07	1.60E-07	7.40E-08

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

4Q/13: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



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

Notes

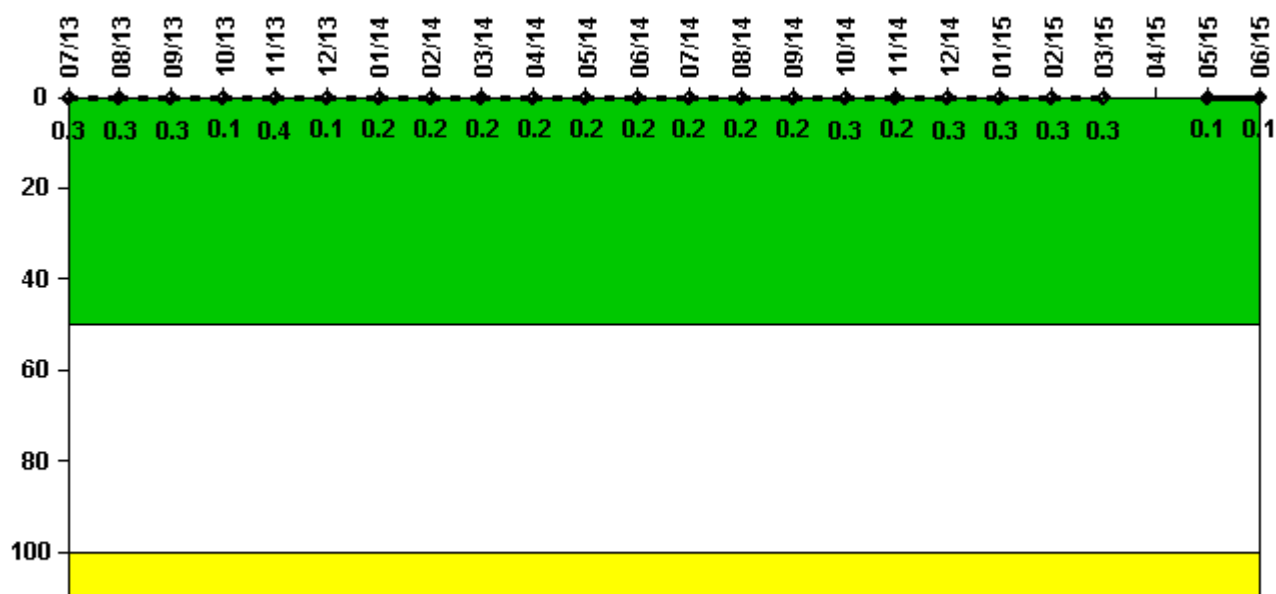
Mitigating Systems Performance Index, Cooling Water Systems	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
UAI (Δ CDF)	9.32E-09	2.31E-08	2.31E-08	2.24E-08	2.32E-08	2.02E-08	2.01E-08	1.95E-08
URI (Δ CDF)	-5.08E-08	-3.13E-07	-3.13E-07	-3.13E-07	-3.13E-07	-3.13E-07	-3.13E-07	-3.13E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.20E-08	-2.90E-07	-2.90E-07	-2.90E-07	-2.90E-07	-2.90E-07	-2.90E-07	-2.90E-07

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

4Q/13: Changed PRA Parameter(s).

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

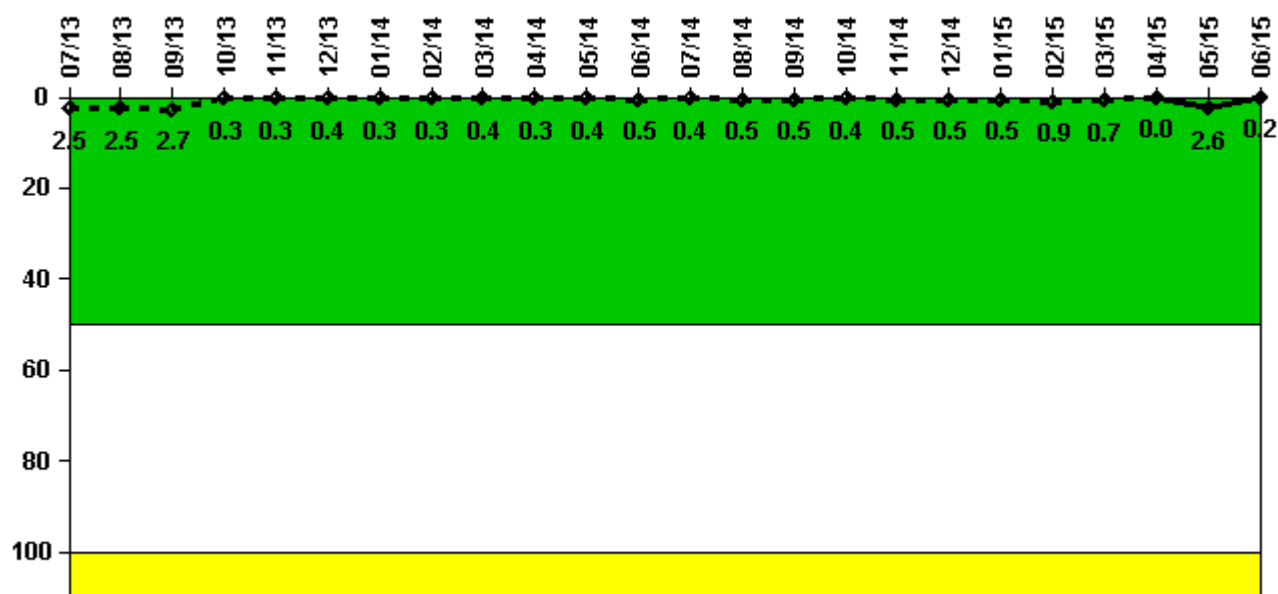
Notes

Reactor Coolant System Activity	7/13	8/13	9/13	10/13	11/13	12/13	1/14	2/14	3/14	4/14	5/14	6/14
Maximum activity	0.001300	0.001330	0.001320	0.000492	0.002170	0.000649	0.000751	0.000772	0.000803	0.000898	0.000955	0.000958
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.3	0.3	0.3	0.1	0.4	0.1	0.2	0.2	0.2	0.2	0.2	0.2

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	0.000987	0.000943	0.001010	0.001430	0.001160	0.001300	0.001560	0.001580	0.001250	N/A	0.000464	0.000705
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.2	0.2	0.2	0.3	0.2	0.3	0.3	0.3	0.3	N/A	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



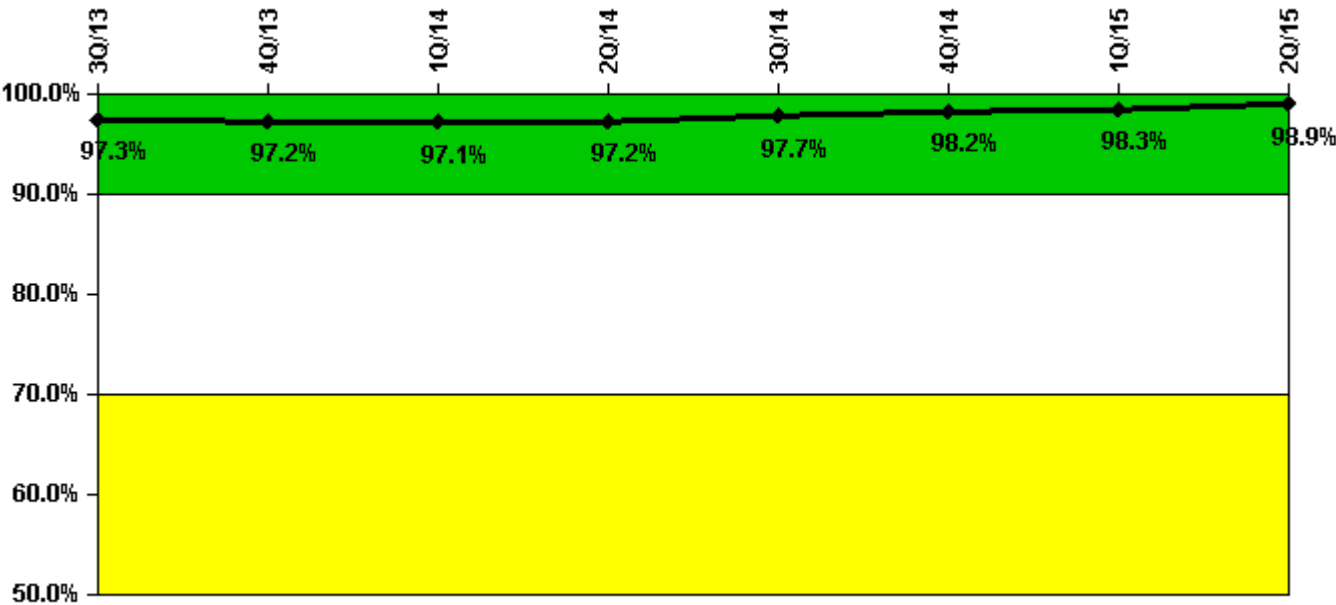
Thresholds: White > 50.0 Yellow > 100.0

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	0.253	0.254	0.268	0.027	0.031	0.035	0.034	0.029	0.037	0.034	0.044	0.045
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.5	2.5	2.7	0.3	0.3	0.4	0.3	0.3	0.4	0.3	0.4	0.5
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	0.042	0.047	0.045	0.043	0.050	0.045	0.048	0.085	0.068	0	0.264	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	0.4	0.5	0.5	0.4	0.5	0.5	0.5	0.9	0.7	0	2.6	0.2

Licensee Comments: none

Drill/Exercise Performance



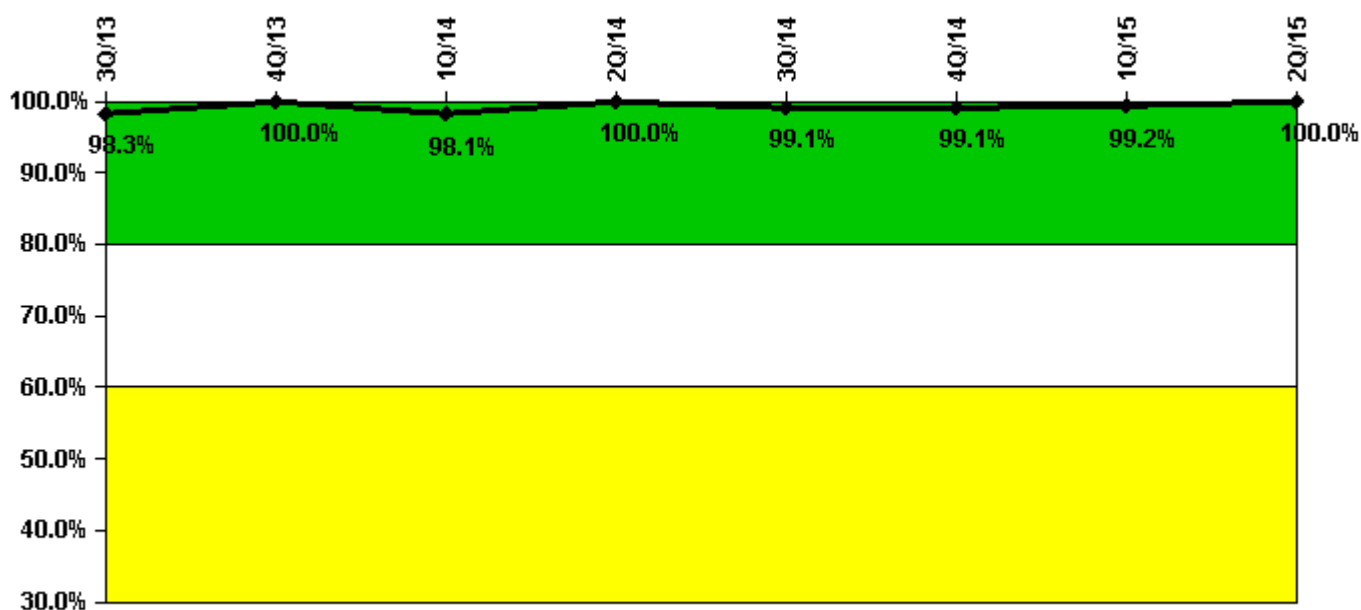
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Successful opportunities	46.0	18.0	27.0	24.0	52.0	20.0	63.0	22.0
Total opportunities	46.0	18.0	28.0	25.0	52.0	20.0	63.0	23.0
Indicator value	97.3%	97.2%	97.1%	97.2%	97.7%	98.2%	98.3%	98.9%

Licensee Comments: none

ERO Drill Participation



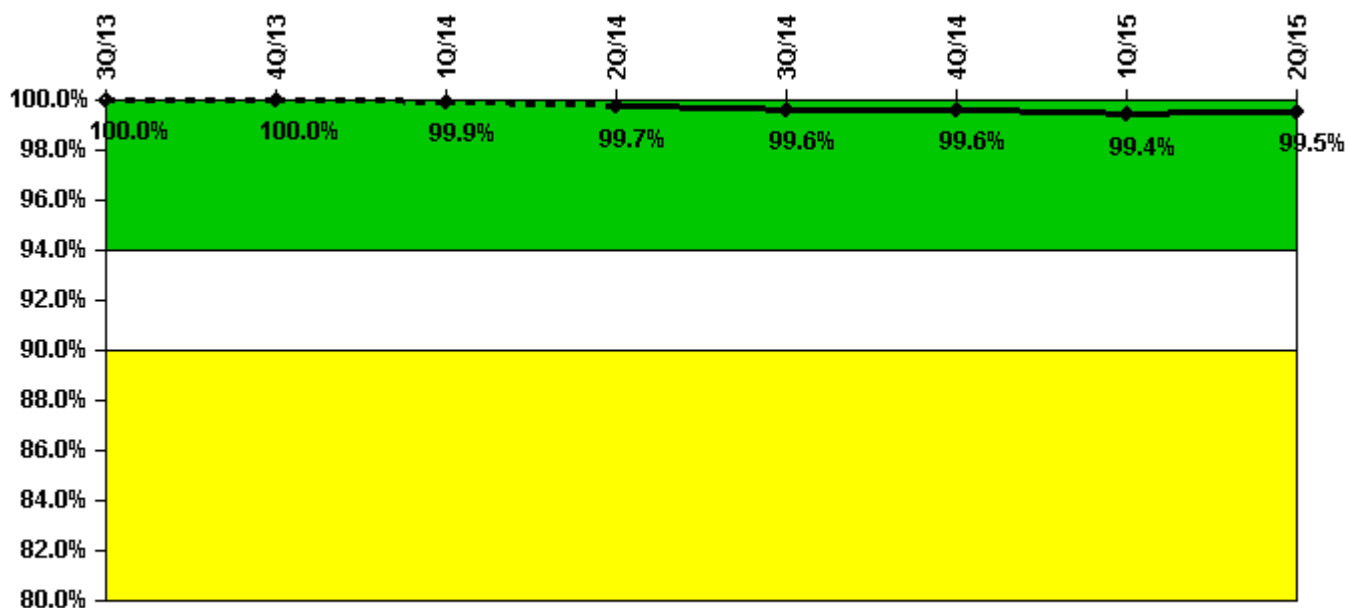
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Participating Key personnel	117.0	121.0	103.0	109.0	110.0	114.0	118.0	115.0
Total Key personnel	119.0	121.0	105.0	109.0	111.0	115.0	119.0	115.0
Indicator value	98.3%	100.0%	98.1%	100.0%	99.1%	99.1%	99.2%	100.0%

Licensee Comments: none

Alert & Notification System



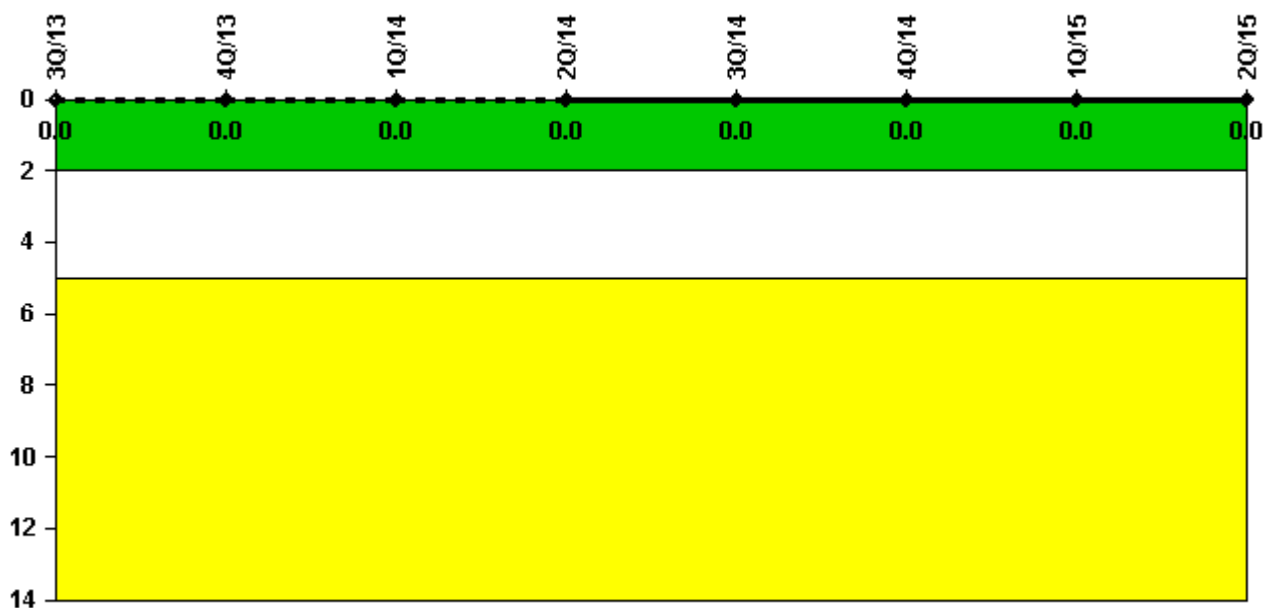
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Successful siren-tests	42	42	1156	1043	1151	1151	1148	1154
Total sirens-tests	42	42	1157	1049	1157	1157	1157	1157
Indicator value	100.0%	100.0%	99.9%	99.7%	99.6%	99.6%	99.4%	99.5%

Licensee Comments: none

Occupational Exposure Control Effectiveness

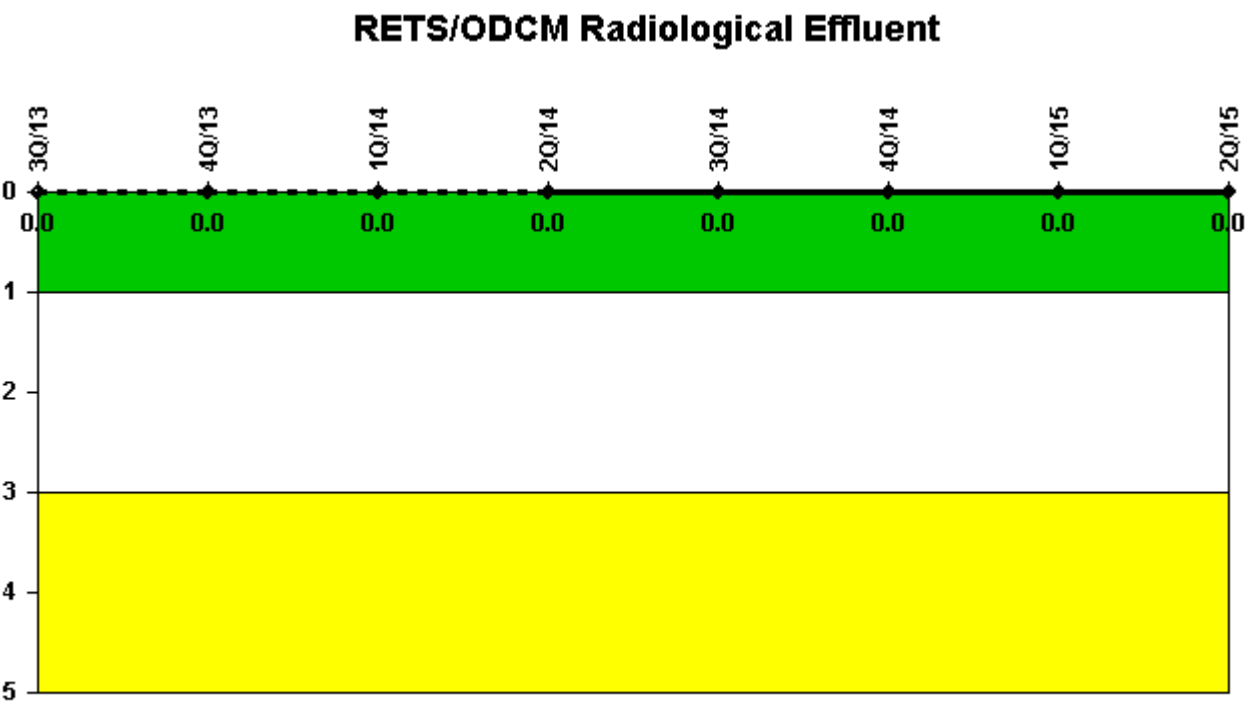


Thresholds: White > 2.0 Yellow > 5.0

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



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

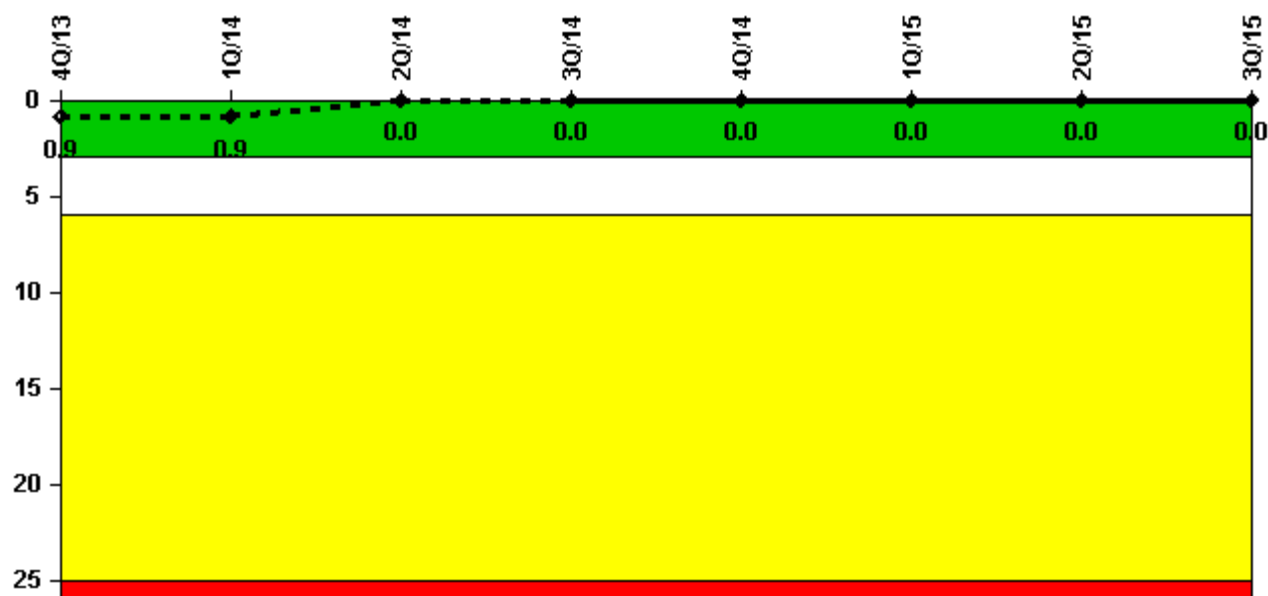
Farley 1

3Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



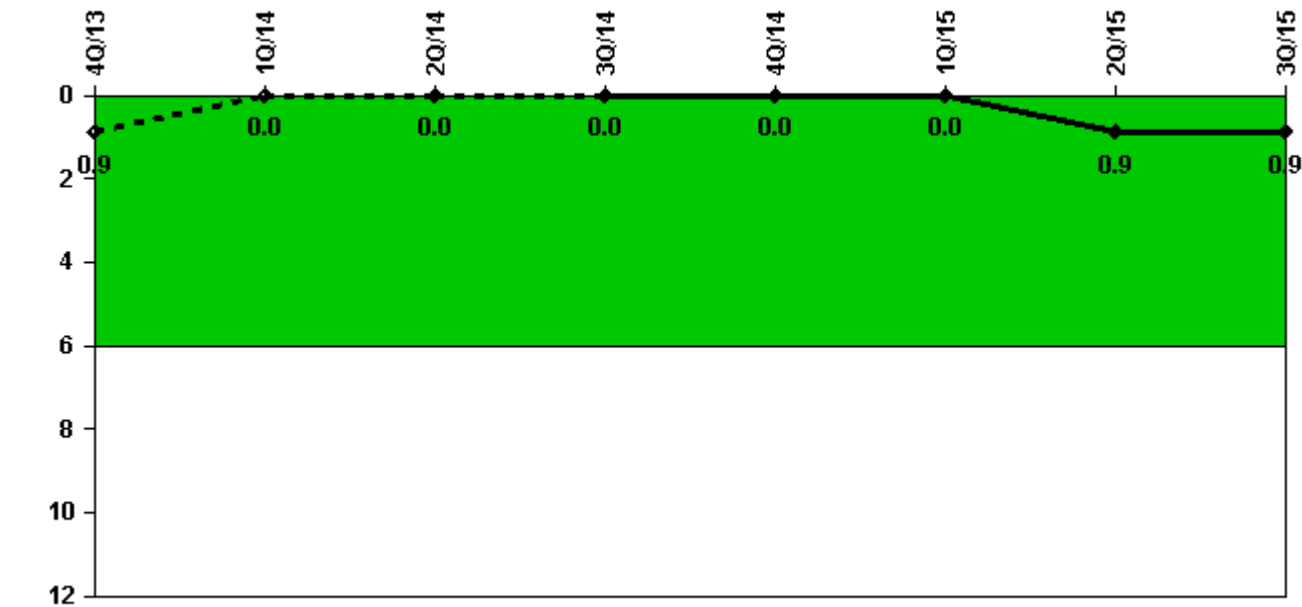
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	1621.1	2159.0	2184.0	2208.0	2209.0	2094.7	1256.5	2208.0
Indicator value	0.9	0.9	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



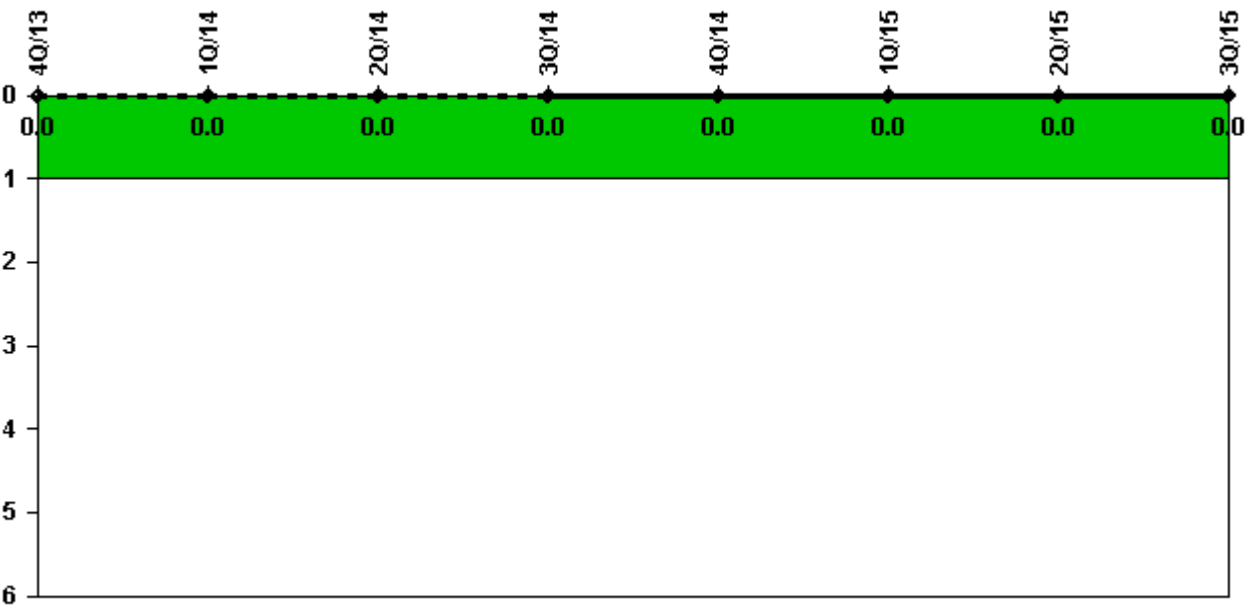
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Unplanned power changes	0	0	0	0	0	0	1.0	0
Critical hours	1621.1	2159.0	2184.0	2208.0	2209.0	2094.7	1256.5	2208.0
Indicator value	0.9	0	0	0	0	0	0.9	0.9

Licensee Comments: none

Unplanned Scrams with Complications



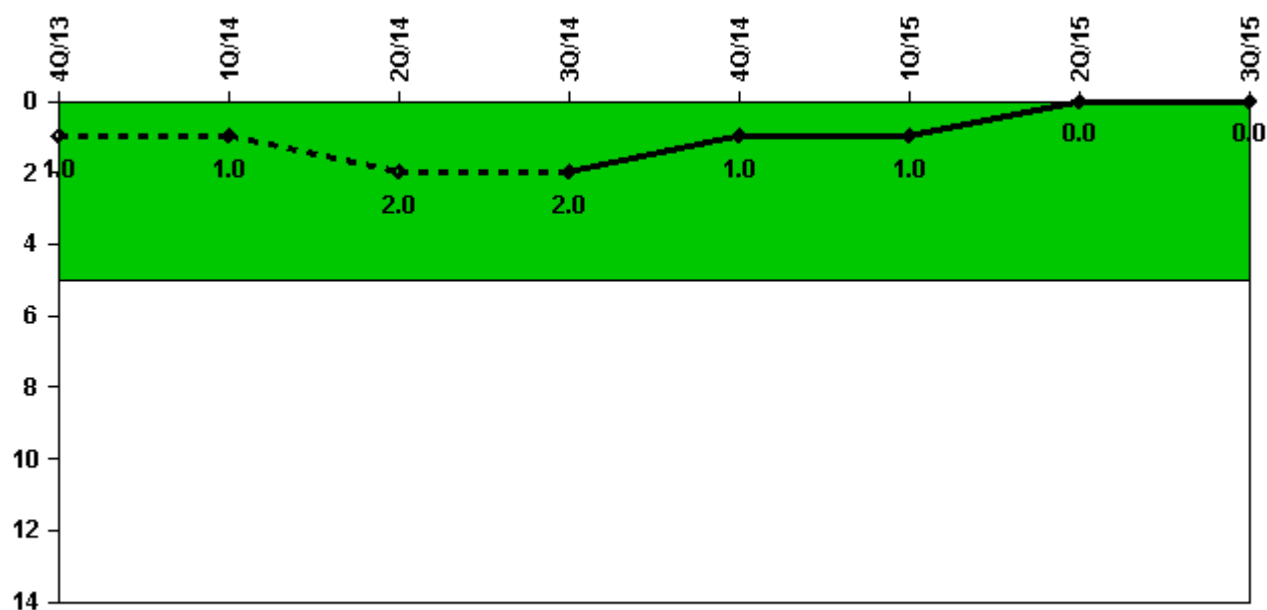
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	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

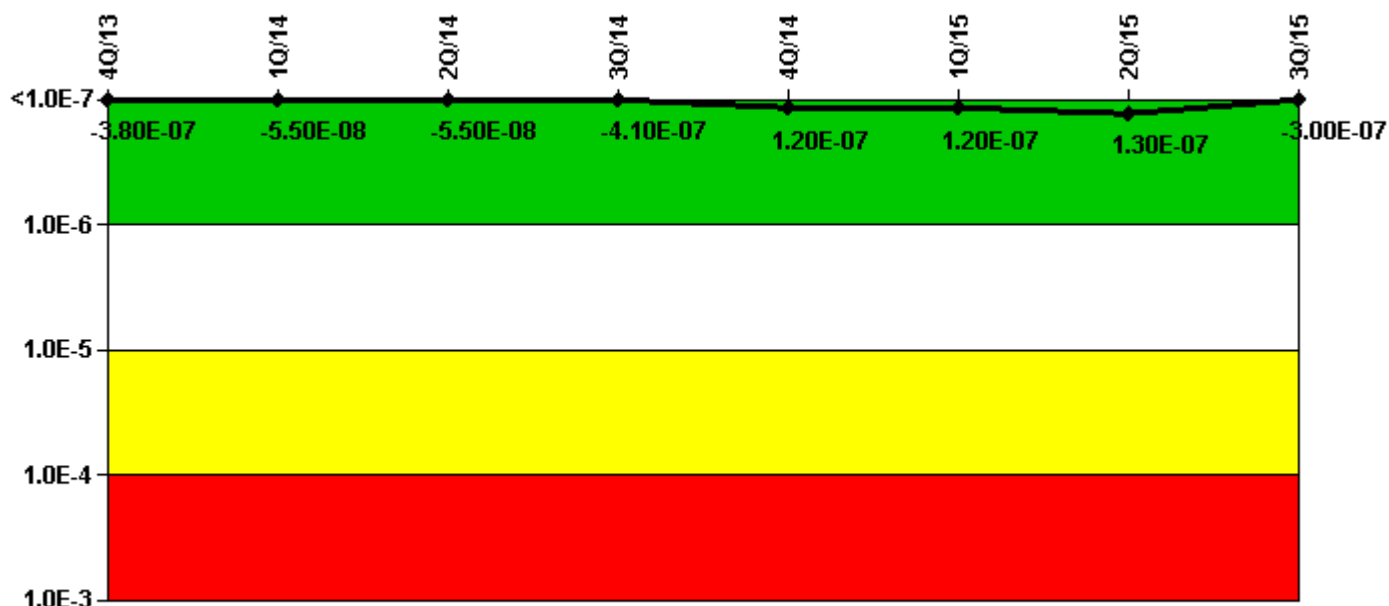
Safety System Functional Failures (PWR)	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Safety System Functional Failures	1	0	1	0	0	0	0	0
Indicator value	1	1	2	2	1	1	0	0

Licensee Comments:

2Q/14: LER 2014-002-00

4Q/13: LER-2013-002-00

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 (Δ CDF)	1.16E-07	1.61E-07	1.61E-07	8.61E-08	1.20E-07	1.22E-07	1.25E-07	-2.03E-08
URI (Δ CDF)	-4.98E-07	-2.16E-07	-2.16E-07	-4.99E-07	5.68E-10	5.68E-10	5.68E-10	-2.80E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.80E-07	-5.50E-08	-5.50E-08	-4.10E-07	1.20E-07	1.20E-07	1.30E-07	-3.00E-07

Licensee Comments:

3Q/15: Risk Cap Invoked.

2Q/15: Risk Cap Invoked.

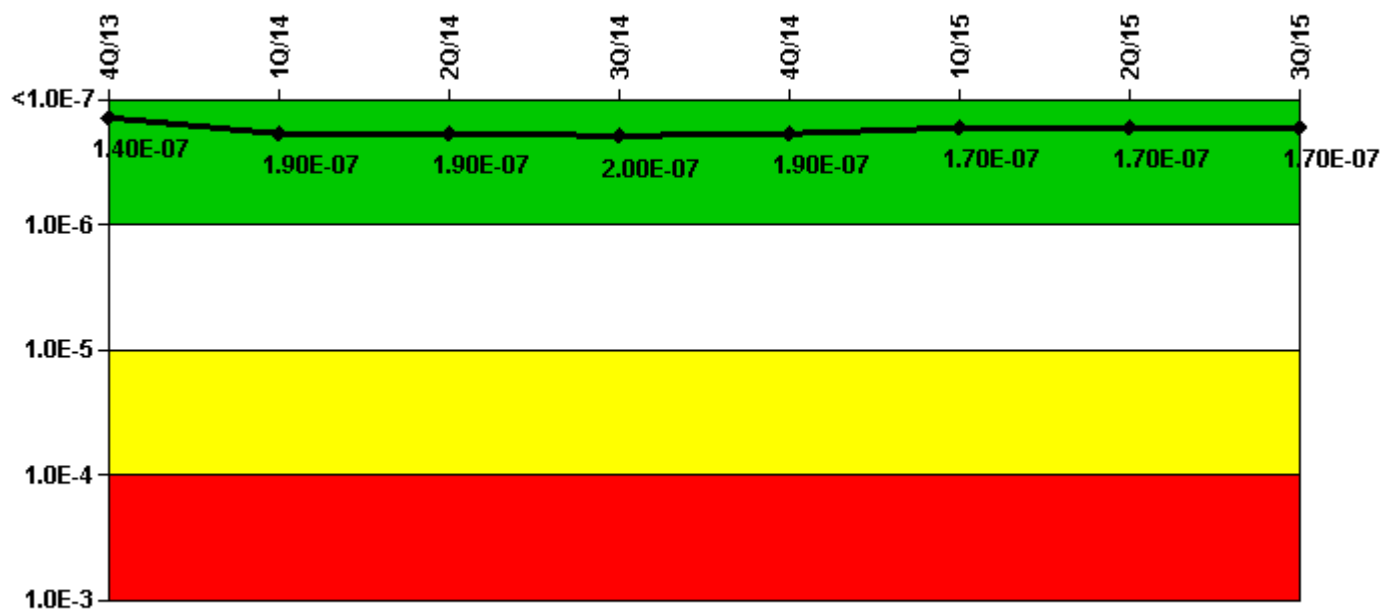
1Q/15: Risk Cap Invoked.

4Q/14: Risk Cap Invoked.

1Q/14: Changed PRA Parameter(s).

4Q/13: Changed PRA Parameter(s).

Mitigating Systems Performance Index, High Pressure Injection System



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

Notes

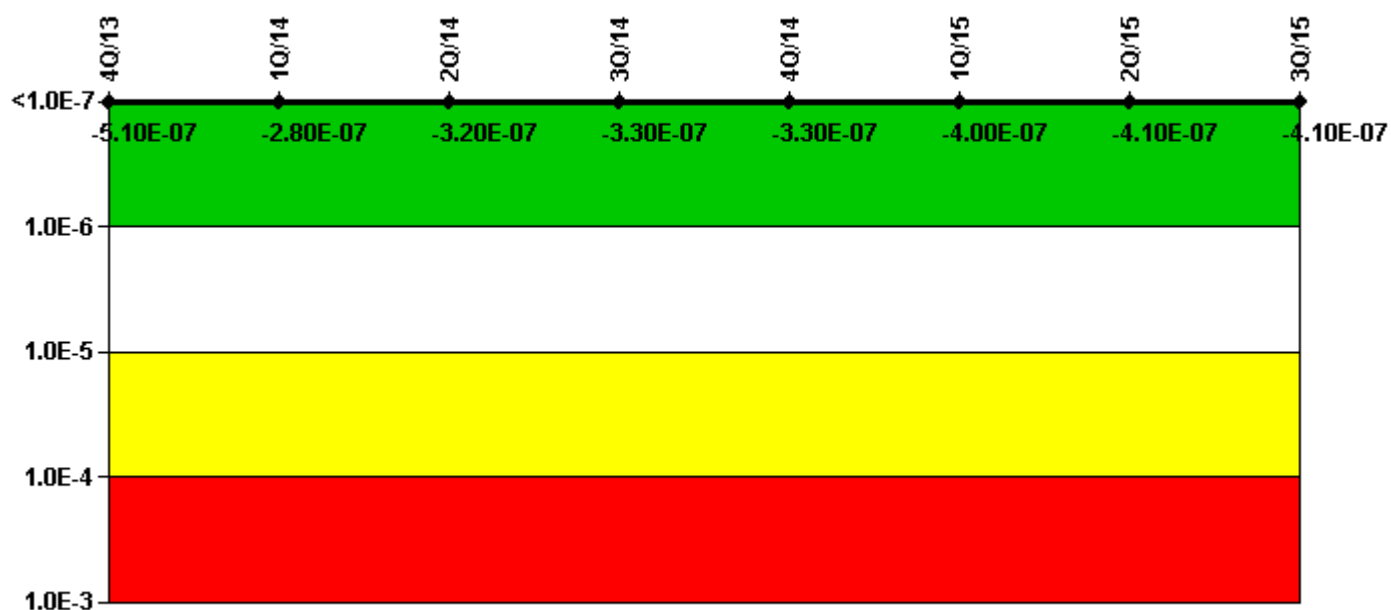
Mitigating Systems Performance Index, High Pressure Injection System	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
UAI (ΔCDF)	1.78E-07	2.25E-07	2.26E-07	2.38E-07	2.27E-07	2.11E-07	2.05E-07	2.09E-07
URI (ΔCDF)	-3.78E-08	-3.78E-08	-3.78E-08	-3.78E-08	-3.78E-08	-3.78E-08	-3.78E-08	-3.78E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.40E-07	1.90E-07	1.90E-07	2.00E-07	1.90E-07	1.70E-07	1.70E-07	1.70E-07

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

4Q/13: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



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

Notes

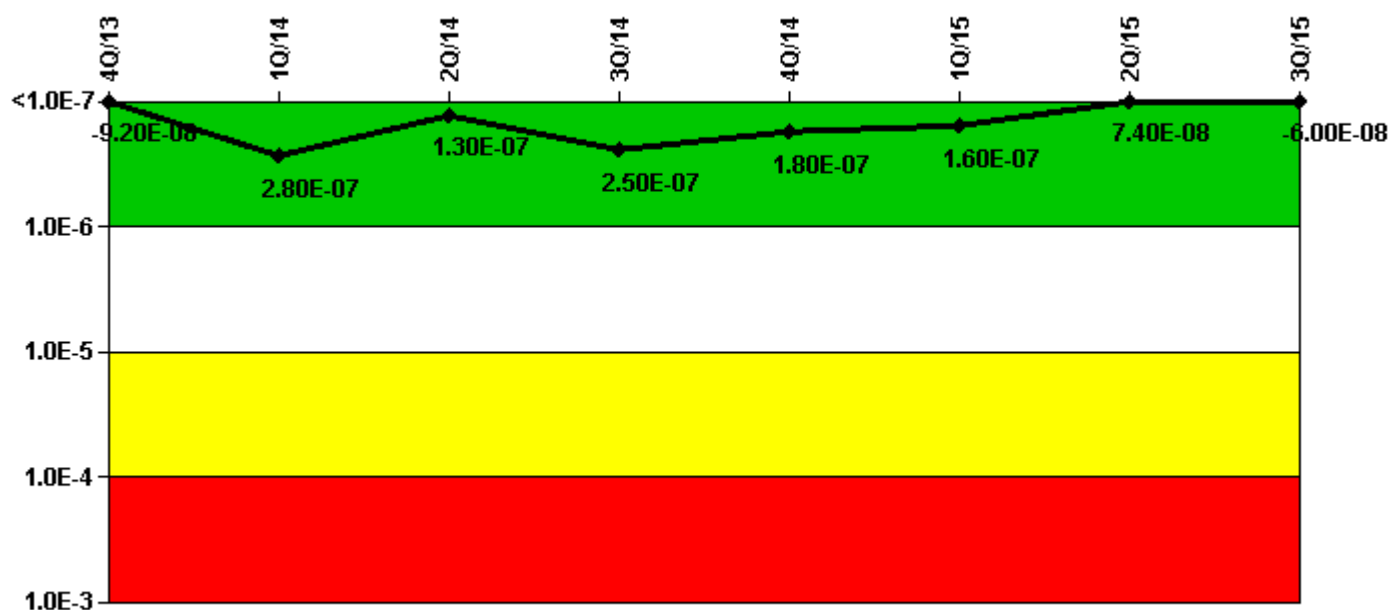
Mitigating Systems Performance Index, Heat Removal System	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
UAI (Δ CDF)	-1.07E-07	1.17E-07	8.10E-08	7.10E-08	6.78E-08	2.08E-09	-8.17E-09	-1.32E-08
URI (Δ CDF)	-4.00E-07	-4.00E-07	-4.00E-07	-4.00E-07	-4.00E-07	-4.00E-07	-4.00E-07	-4.00E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.10E-07	-2.80E-07	-3.20E-07	-3.30E-07	-3.30E-07	-4.00E-07	-4.10E-07	-4.10E-07

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

4Q/13: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System



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

Notes

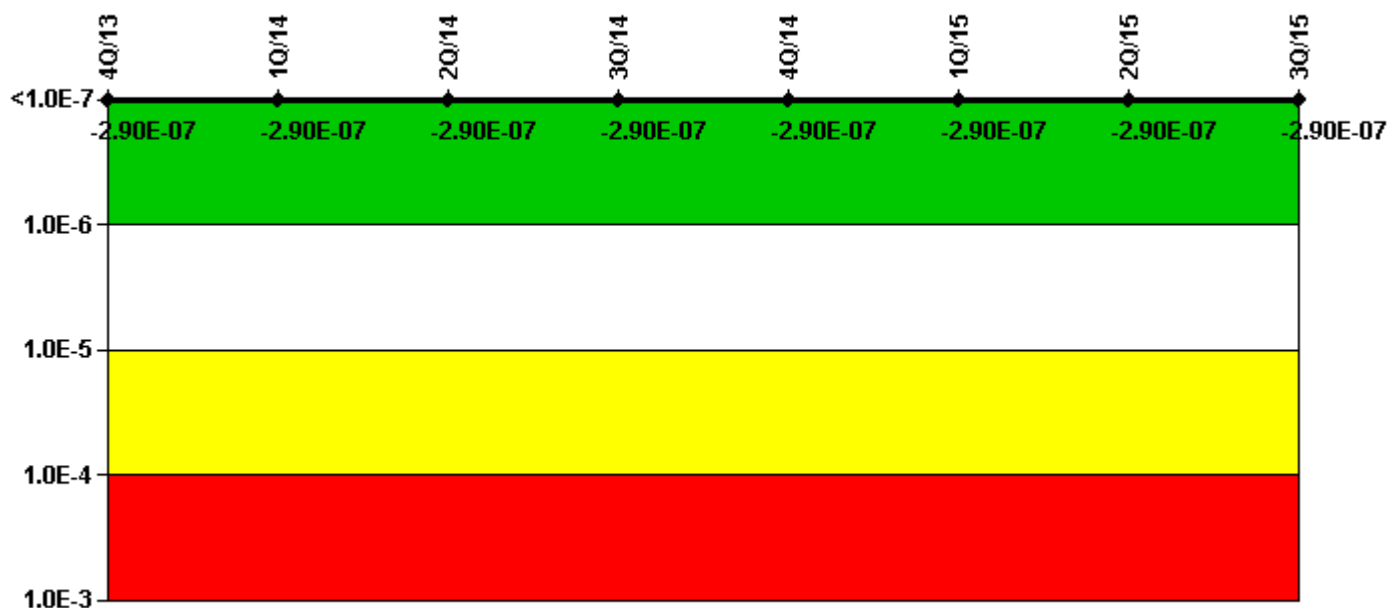
Mitigating Systems Performance Index, Residual Heat Removal System	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
UAI (Δ CDF)	1.29E-07	5.03E-07	3.47E-07	4.69E-07	4.01E-07	3.83E-07	2.95E-07	1.60E-07
URI (Δ CDF)	-2.21E-07	-2.21E-07	-2.21E-07	-2.21E-07	-2.21E-07	-2.21E-07	-2.21E-07	-2.21E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-9.20E-08	2.80E-07	1.30E-07	2.50E-07	1.80E-07	1.60E-07	7.40E-08	-6.00E-08

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

4Q/13: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



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

Notes

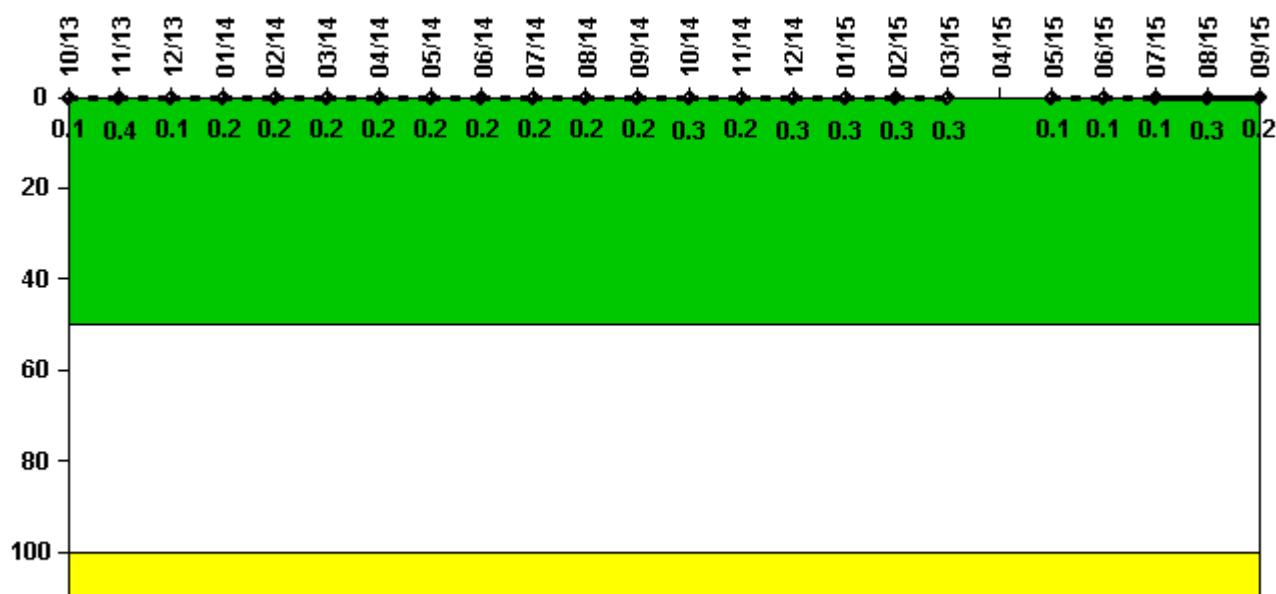
Mitigating Systems Performance Index, Cooling Water Systems	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
UAI (Δ CDF)	2.31E-08	2.31E-08	2.24E-08	2.32E-08	2.02E-08	2.01E-08	1.95E-08	2.48E-08
URI (Δ CDF)	-3.13E-07	-3.13E-07	-3.13E-07	-3.13E-07	-3.13E-07	-3.13E-07	-3.13E-07	-3.13E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.90E-07	-2.90E-07	-2.90E-07	-2.90E-07	-2.90E-07	-2.90E-07	-2.90E-07	-2.90E-07

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

4Q/13: Changed PRA Parameter(s).

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

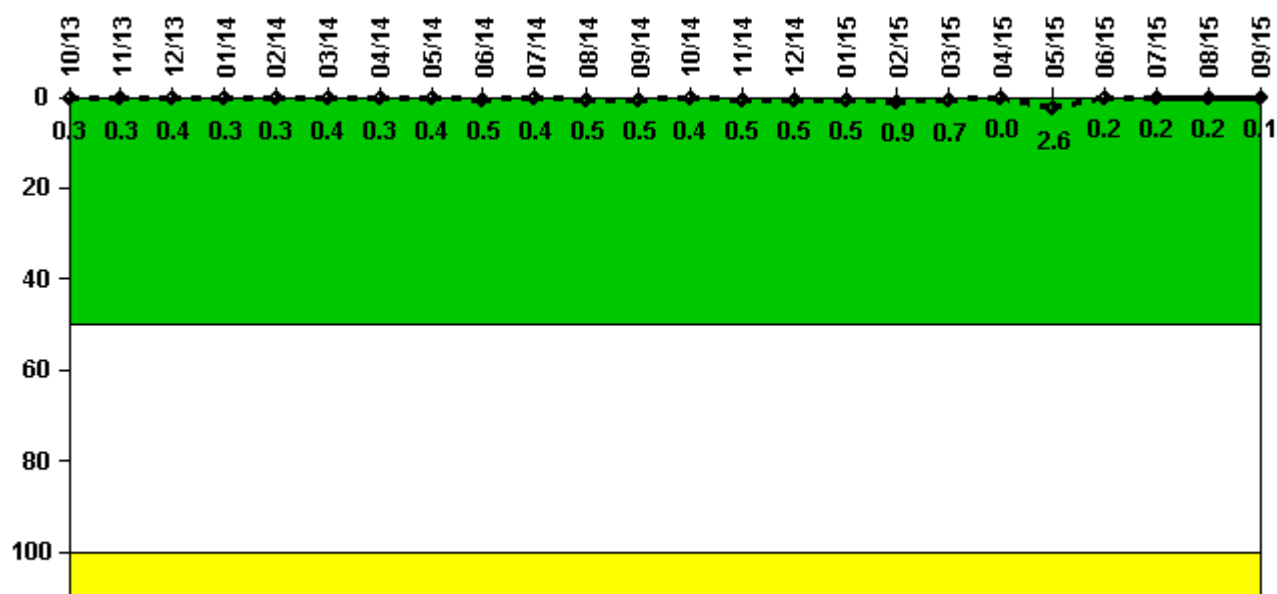
Notes

Reactor Coolant System Activity	10/13	11/13	12/13	1/14	2/14	3/14	4/14	5/14	6/14	7/14	8/14	9/14
Maximum activity	0.000492	0.002170	0.000649	0.000751	0.000772	0.000803	0.000898	0.000955	0.000958	0.000987	0.000943	0.001010
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.1	0.4	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

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	0.001430	0.001160	0.001300	0.001560	0.001580	0.001250	N/A	0.000464	0.000705	0.000740	0.001610	0.000944
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.3	0.2	0.3	0.3	0.3	0.3	N/A	0.1	0.1	0.1	0.3	0.2

Licensee Comments: none

Reactor Coolant System Leakage



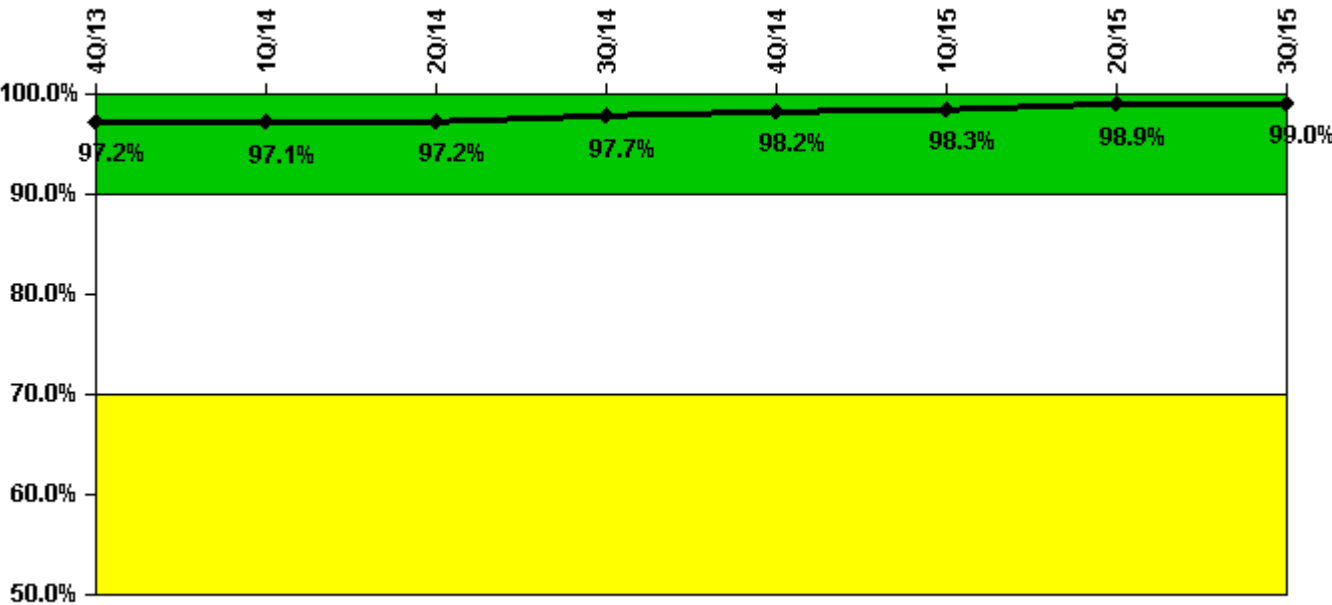
Thresholds: White > 50.0 Yellow > 100.0

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	0.027	0.031	0.035	0.034	0.029	0.037	0.034	0.044	0.045	0.042	0.047	0.045
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.3	0.4	0.3	0.3	0.4	0.3	0.4	0.5	0.4	0.5	0.5
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	0.043	0.050	0.045	0.048	0.085	0.068	0	0.264	0.024	0.022	0.015	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	0.4	0.5	0.5	0.5	0.9	0.7	0	2.6	0.2	0.2	0.2	0.1

Licensee Comments: none

Drill/Exercise Performance



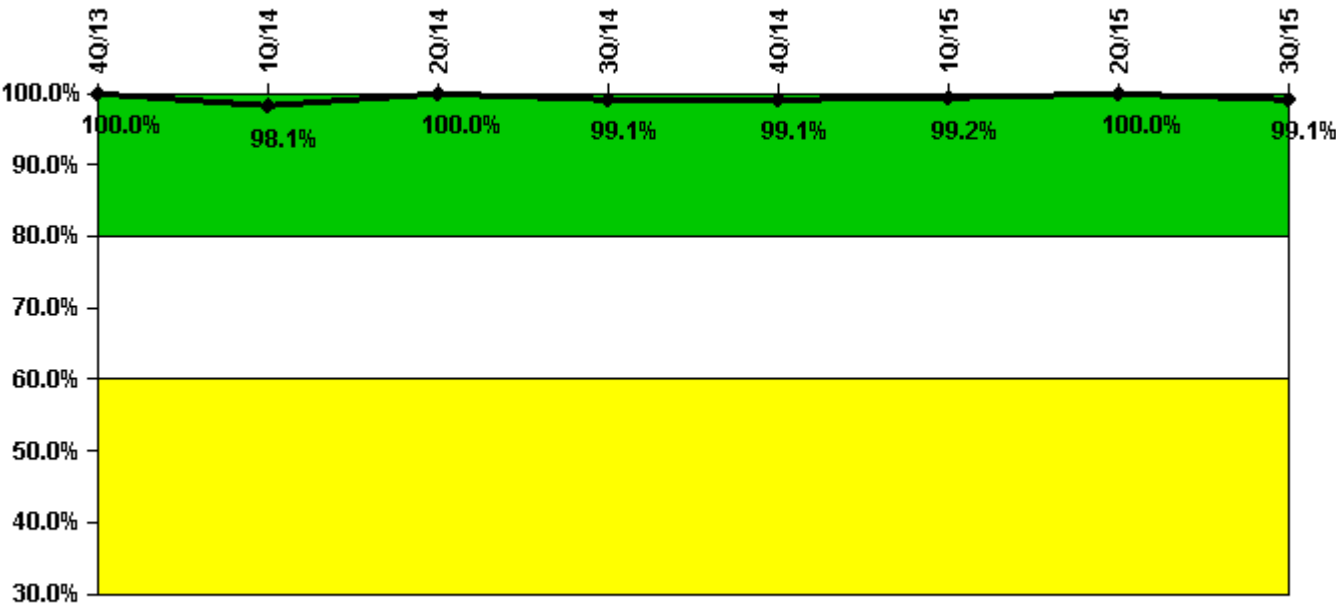
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Successful opportunities	18.0	27.0	24.0	52.0	20.0	63.0	22.0	59.0
Total opportunities	18.0	28.0	25.0	52.0	20.0	63.0	23.0	59.0
Indicator value	97.2%	97.1%	97.2%	97.7%	98.2%	98.3%	98.9%	99.0%

Licensee Comments: none

ERO Drill Participation



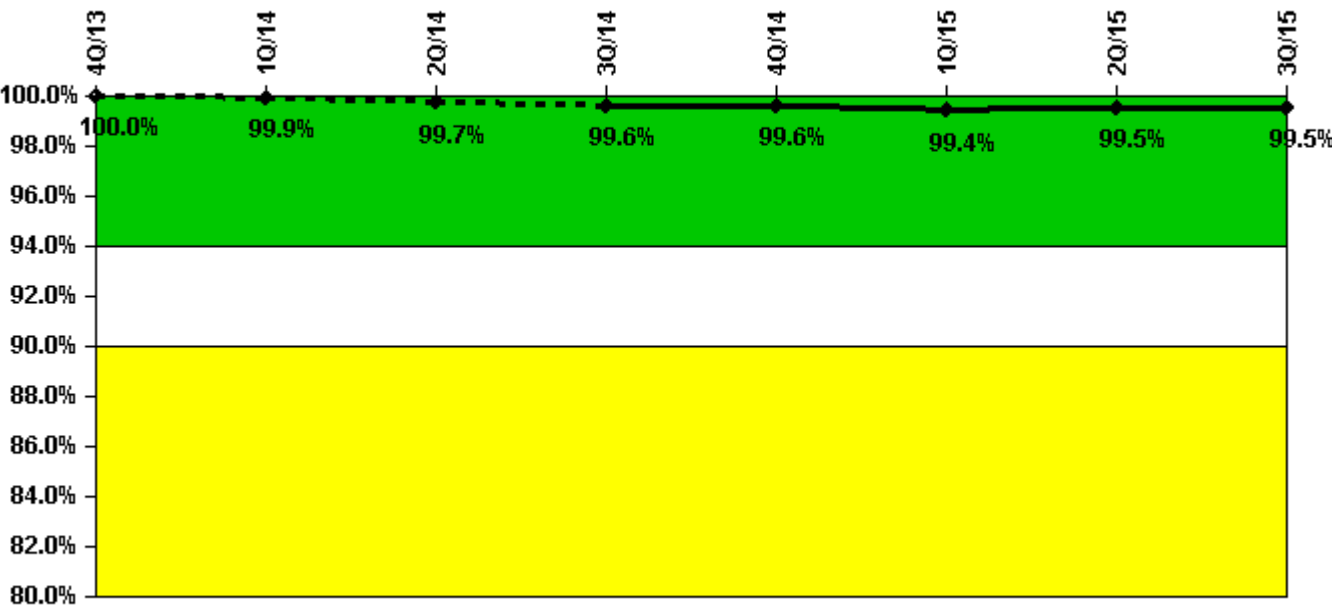
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Participating Key personnel	121.0	103.0	109.0	110.0	114.0	118.0	115.0	114.0
Total Key personnel	121.0	105.0	109.0	111.0	115.0	119.0	115.0	115.0
Indicator value	100.0%	98.1%	100.0%	99.1%	99.1%	99.2%	100.0%	99.1%

Licensee Comments: none

Alert & Notification System



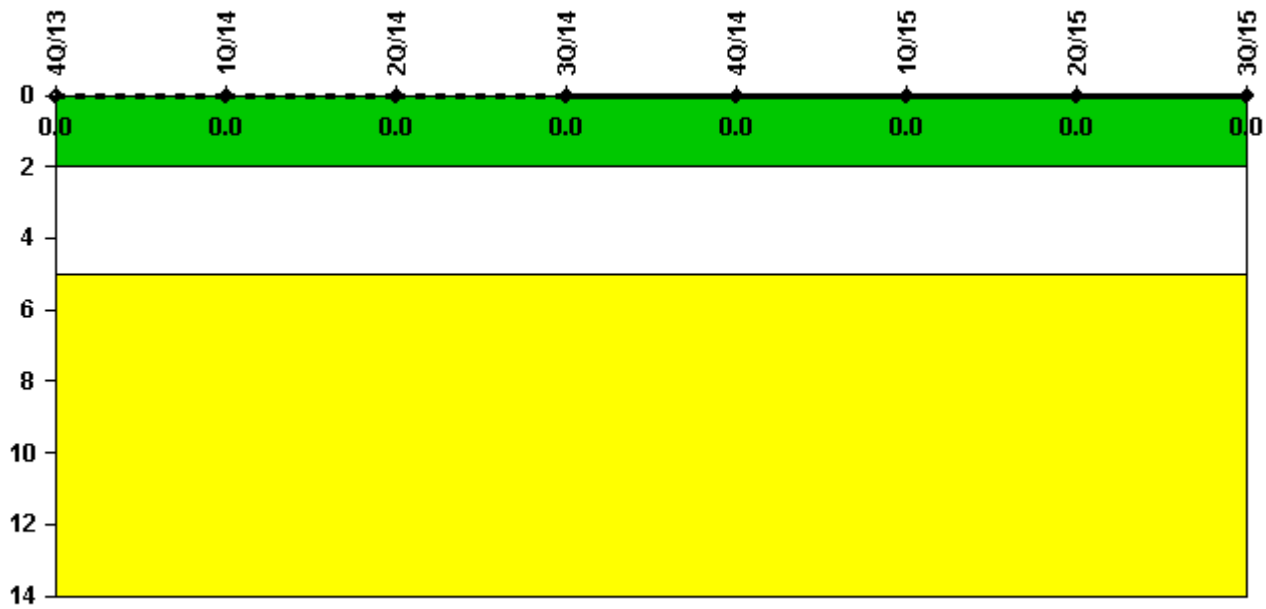
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Successful siren-tests	42	1156	1043	1151	1151	1148	1154	1150
Total sirens-tests	42	1157	1049	1157	1157	1157	1157	1157
Indicator value	100.0%	99.9%	99.7%	99.6%	99.6%	99.4%	99.5%	99.5%

Licensee Comments: none

Occupational Exposure Control Effectiveness

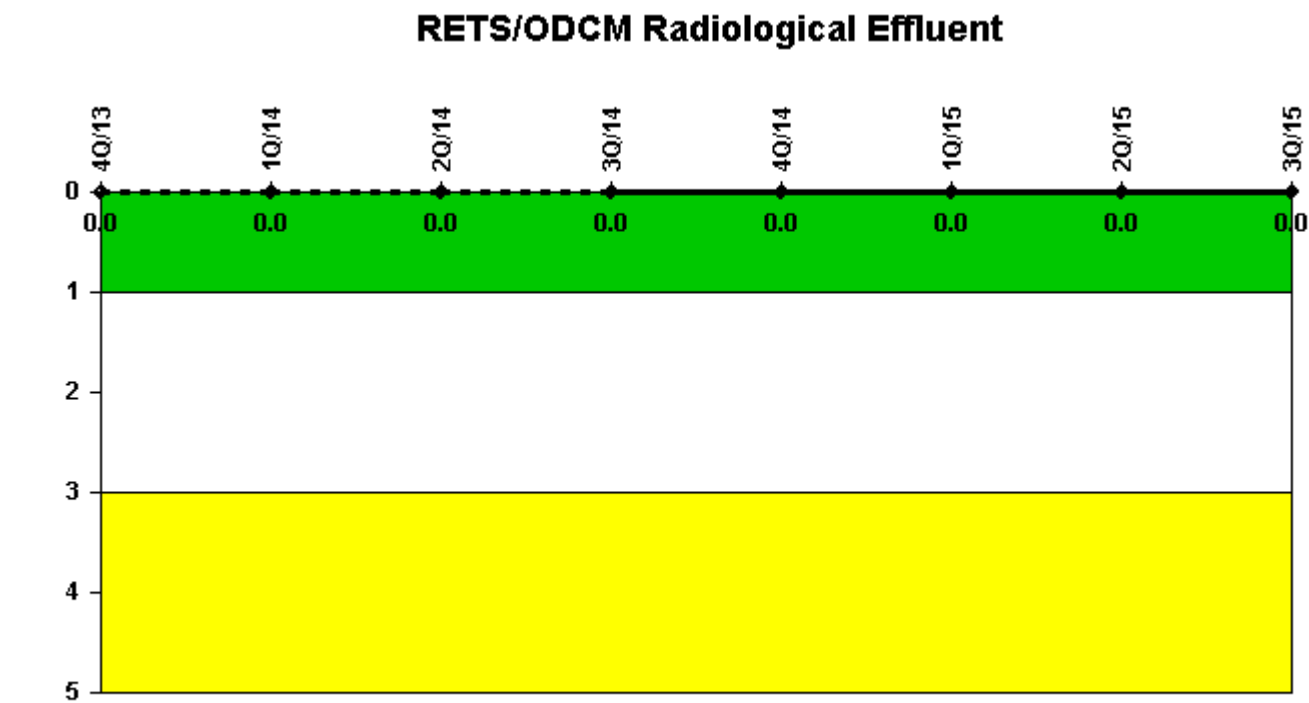


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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



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

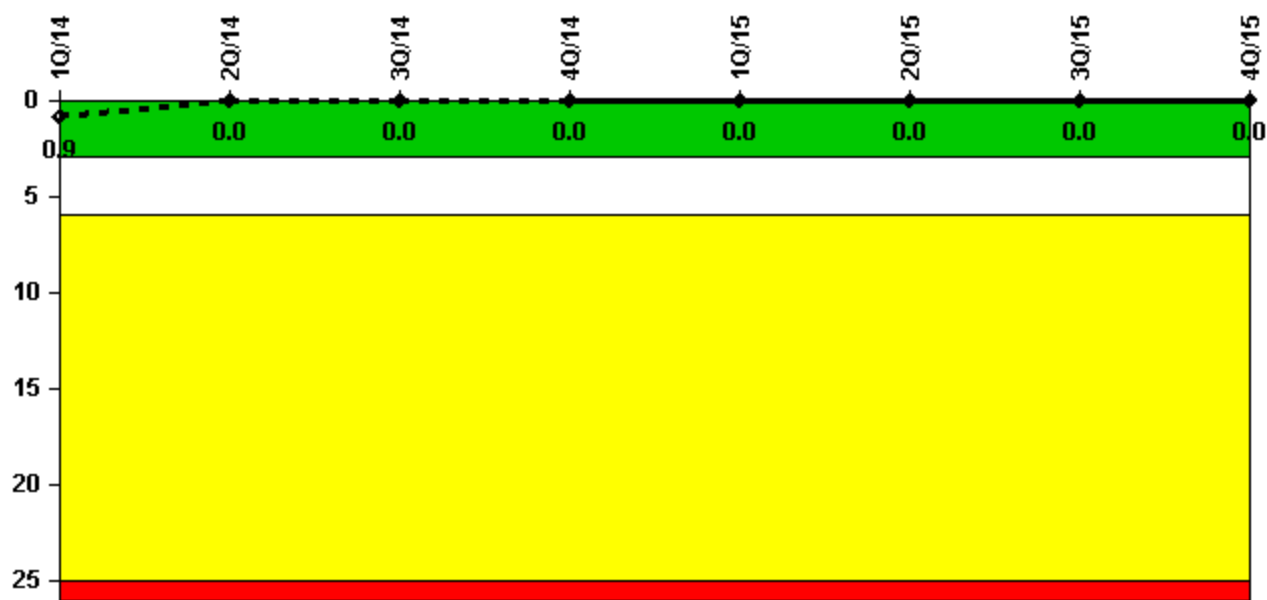
Farley 1

4Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



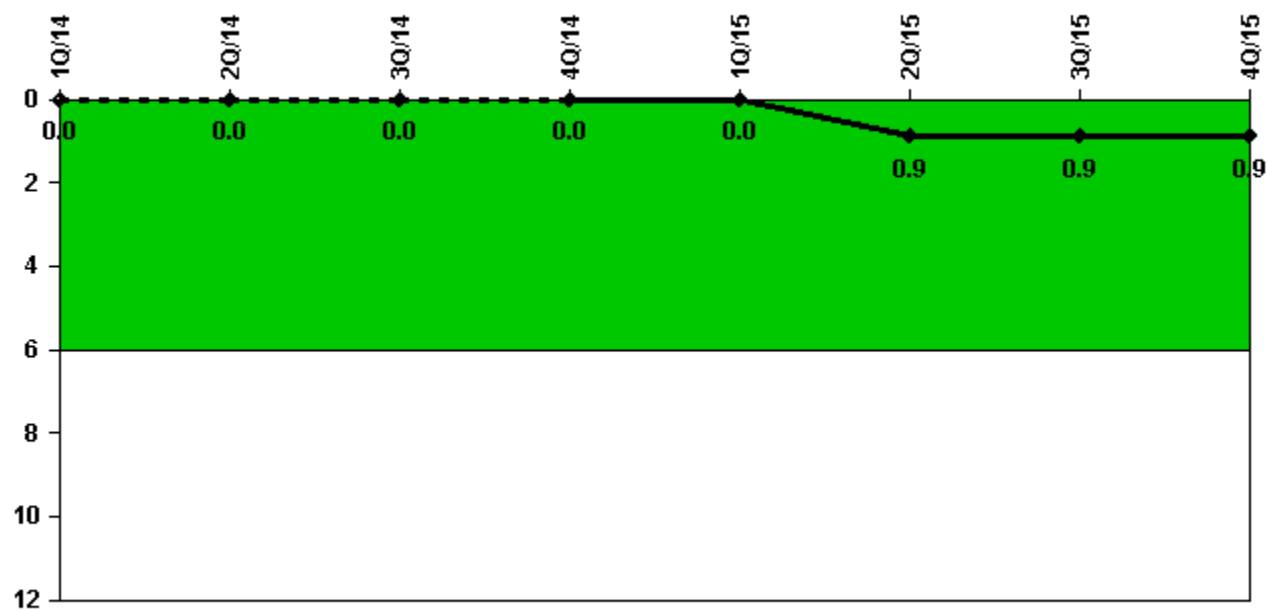
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2159.0	2184.0	2208.0	2209.0	2094.7	1256.5	2208.0	2209.0
Indicator value	0.9	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



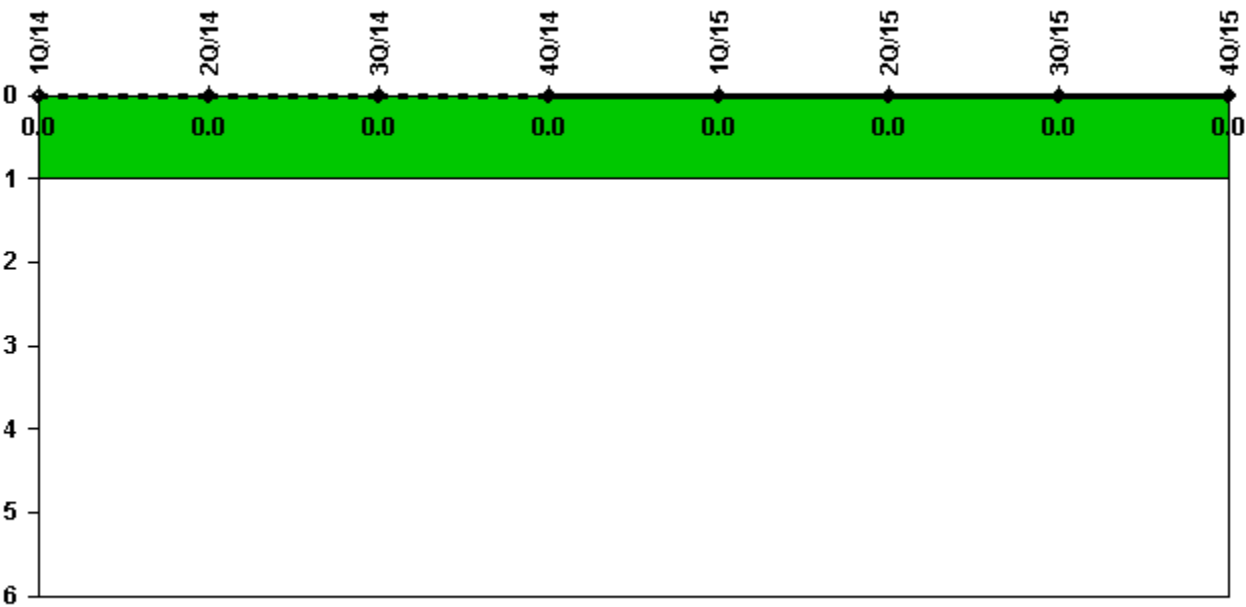
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Unplanned power changes	0	0	0	0	0	1.0	0	0
Critical hours	2159.0	2184.0	2208.0	2209.0	2094.7	1256.5	2208.0	2209.0
Indicator value	0	0	0	0	0	0.9	0.9	0.9

Licensee Comments: none

Unplanned Scrams with Complications



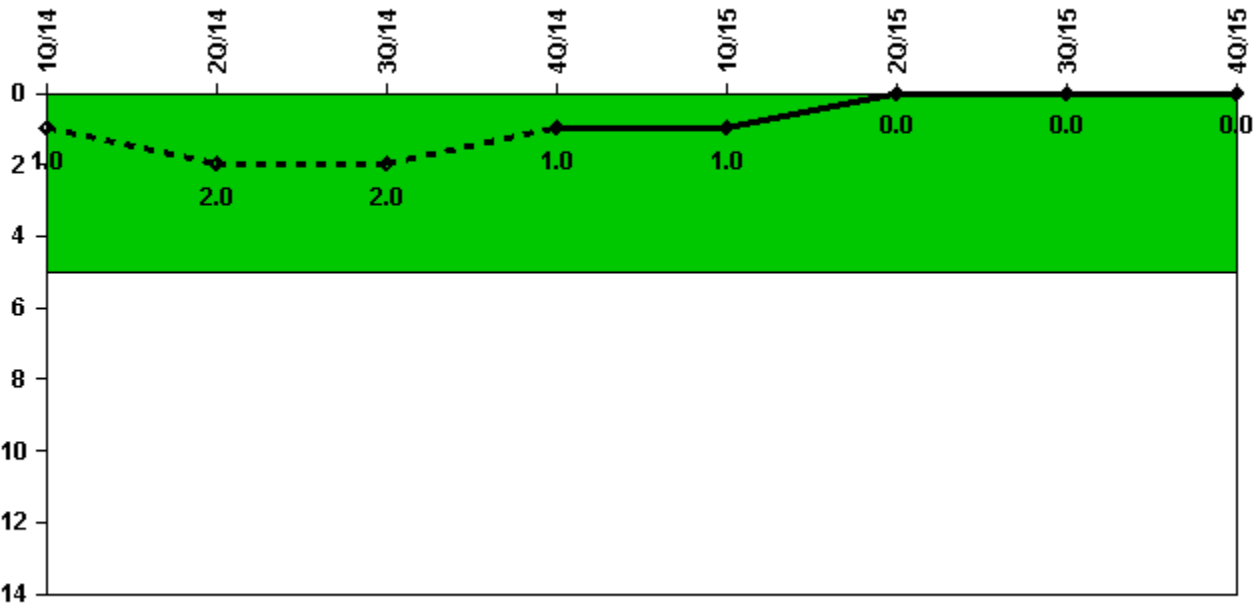
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	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

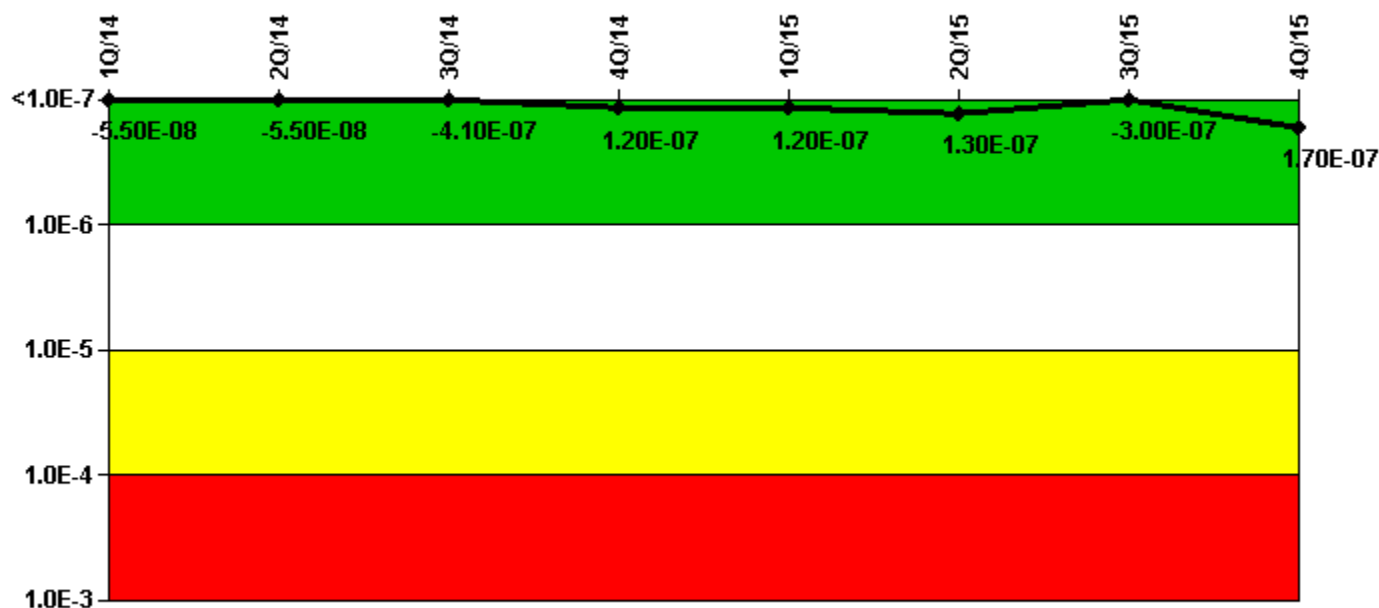
Notes

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	1	0	0	0	0	0	0
Indicator value	1	2	2	1	1	0	0	0

Licensee Comments:

2Q/14: LER 2014-002-00

Mitigating Systems Performance Index, Emergency AC Power System



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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
UAI (Δ CDF)	1.61E-07	1.61E-07	8.61E-08	1.20E-07	1.22E-07	1.25E-07	-2.03E-08	-6.37E-09
URI (Δ CDF)	-2.16E-07	-2.16E-07	-4.99E-07	5.68E-10	5.68E-10	5.68E-10	-2.80E-07	1.80E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.50E-08	-5.50E-08	-4.10E-07	1.20E-07	1.20E-07	1.30E-07	-3.00E-07	1.70E-07

Licensee Comments:

3Q/15: Risk Cap Invoked.

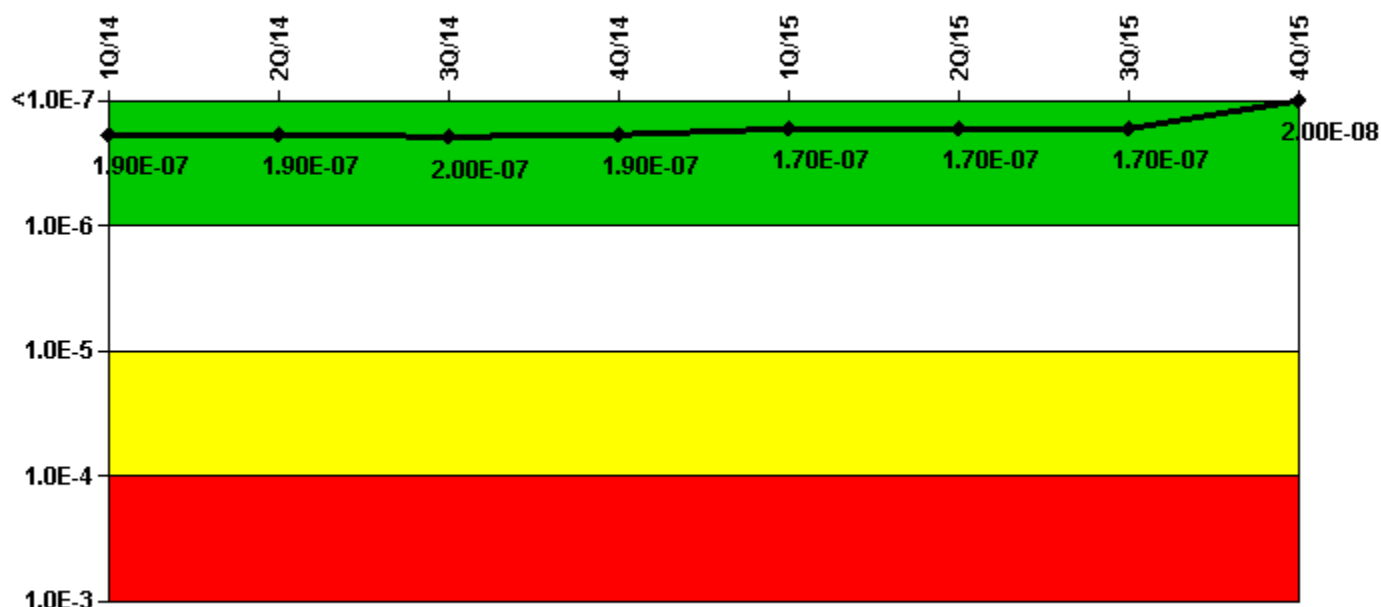
2Q/15: Risk Cap Invoked.

1Q/15: Risk Cap Invoked.

4Q/14: Risk Cap Invoked.

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, High Pressure Injection System



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

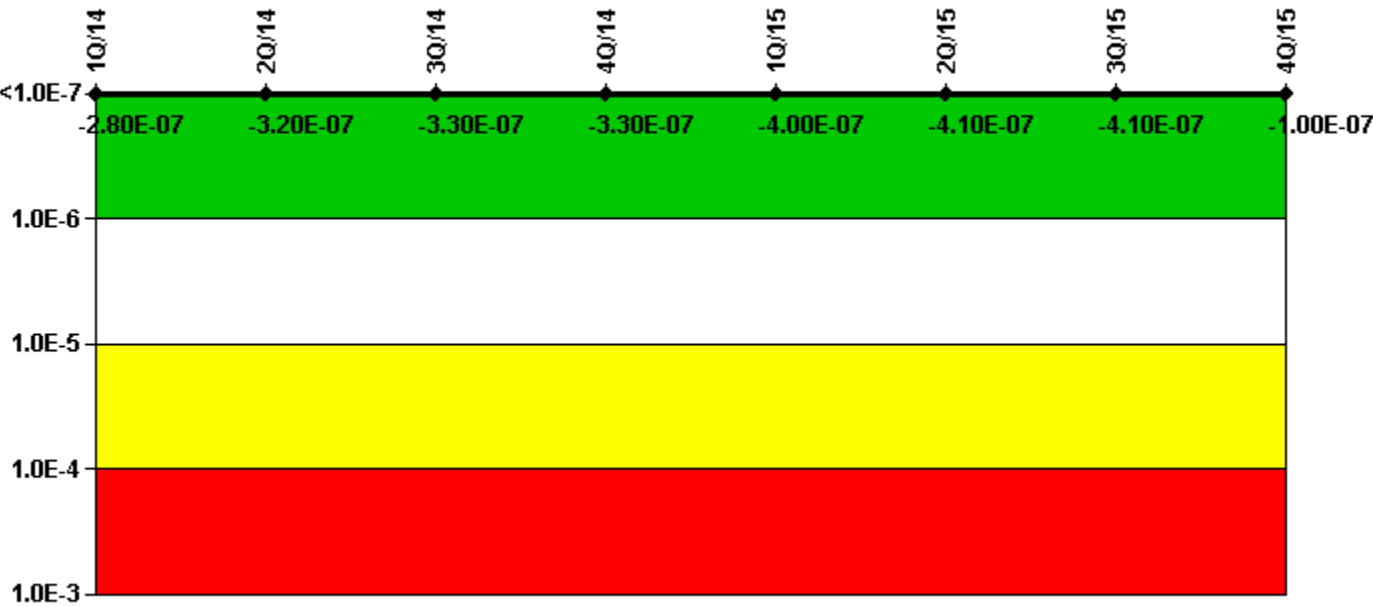
Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
UAI (ΔCDF)	2.25E-07	2.26E-07	2.38E-07	2.27E-07	2.11E-07	2.05E-07	2.09E-07	2.33E-08
URI (ΔCDF)	-3.78E-08	-3.78E-08	-3.78E-08	-3.78E-08	-3.78E-08	-3.78E-08	-3.78E-08	-3.43E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.90E-07	1.90E-07	2.00E-07	1.90E-07	1.70E-07	1.70E-07	1.70E-07	2.00E-08

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



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

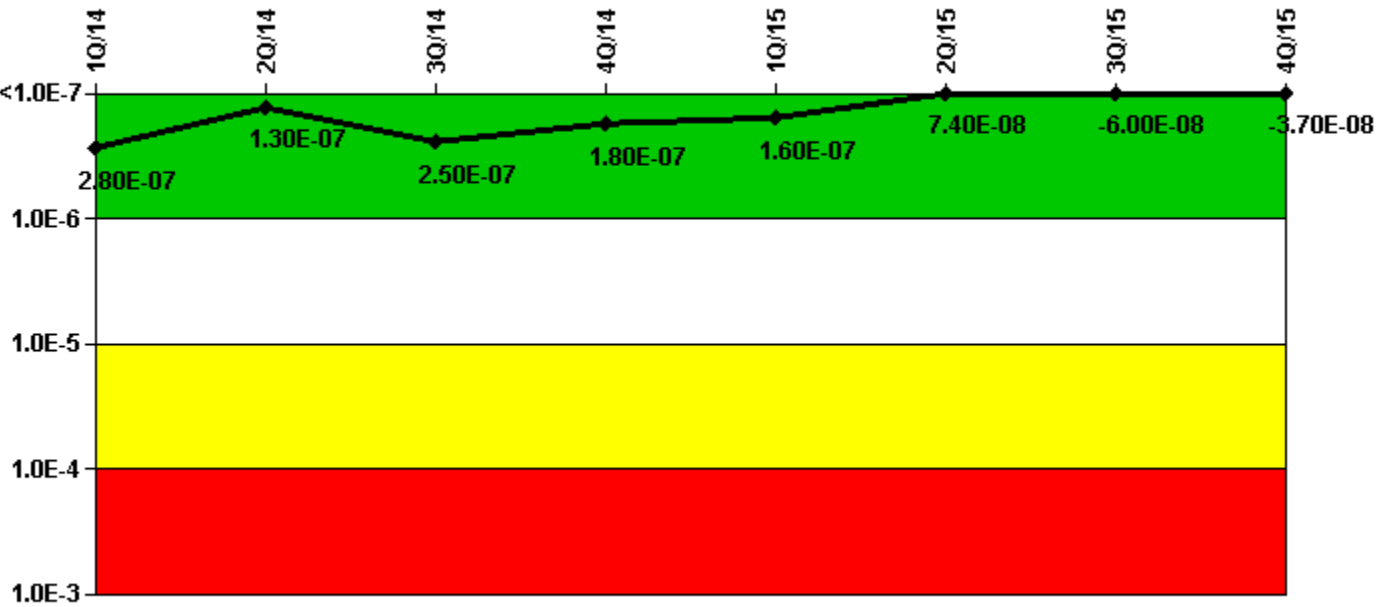
Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
UAI (ΔCDF)	1.17E-07	8.10E-08	7.10E-08	6.78E-08	2.08E-09	-8.17E-09	-1.32E-08	-1.97E-08
URI (ΔCDF)	-4.00E-07	-4.00E-07	-4.00E-07	-4.00E-07	-4.00E-07	-4.00E-07	-4.00E-07	-8.15E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.80E-07	-3.20E-07	-3.30E-07	-3.30E-07	-4.00E-07	-4.10E-07	-4.10E-07	-1.00E-07

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System



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

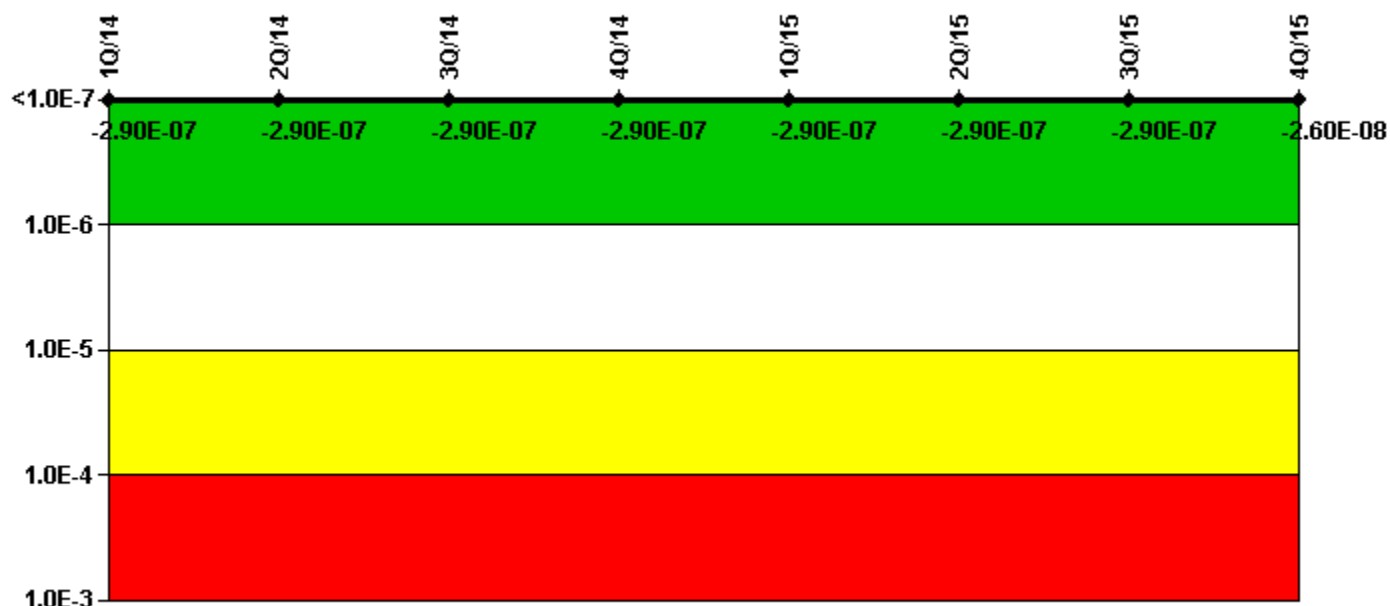
Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
UAI (ΔCDF)	5.03E-07	3.47E-07	4.69E-07	4.01E-07	3.83E-07	2.95E-07	1.60E-07	2.92E-08
URI (ΔCDF)	-2.21E-07	-2.21E-07	-2.21E-07	-2.21E-07	-2.21E-07	-2.21E-07	-2.21E-07	-6.59E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.80E-07	1.30E-07	2.50E-07	1.80E-07	1.60E-07	7.40E-08	-6.00E-08	-3.70E-08

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



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

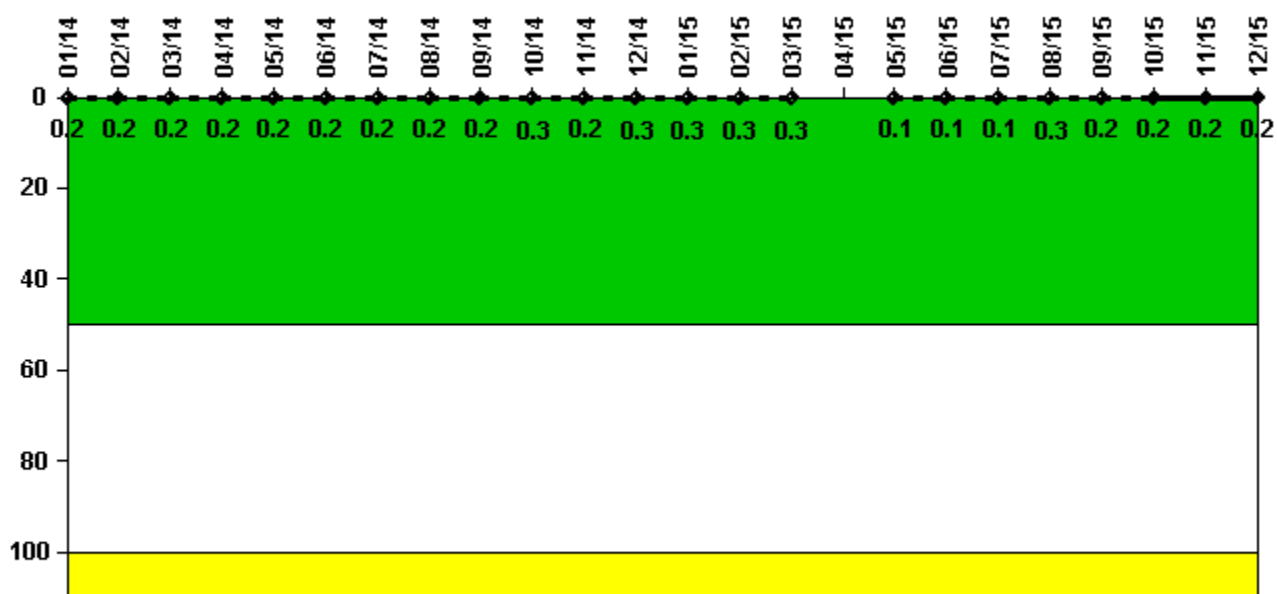
Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
UAI (Δ CDF)	2.31E-08	2.24E-08	2.32E-08	2.02E-08	2.01E-08	1.95E-08	2.48E-08	5.80E-09
URI (Δ CDF)	-3.13E-07	-3.13E-07	-3.13E-07	-3.13E-07	-3.13E-07	-3.13E-07	-3.13E-07	-3.15E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.90E-07	-2.90E-07	-2.90E-07	-2.90E-07	-2.90E-07	-2.90E-07	-2.90E-07	-2.60E-08

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Reactor Coolant System Activity



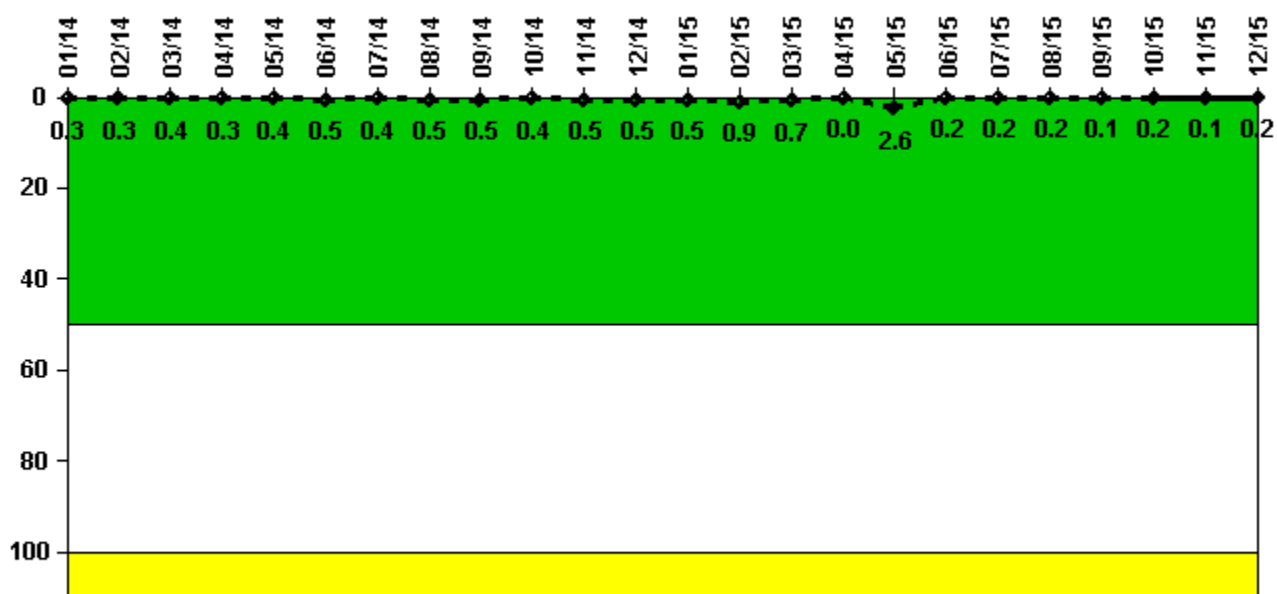
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/14	2/14	3/14	4/14	5/14	6/14	7/14	8/14	9/14	10/14	11/14	12/14
Maximum activity	0.000751	0.000772	0.000803	0.000898	0.000955	0.000958	0.000987	0.000943	0.001010	0.001430	0.001160	0.001300
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3
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	0.001560	0.001580	0.001250	N/A	0.000464	0.000705	0.000740	0.001610	0.000944	0.000935	0.001020	0.001040
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.3	0.3	0.3	N/A	0.1	0.1	0.1	0.3	0.2	0.2	0.2	0.2

Licensee Comments: none

Reactor Coolant System Leakage



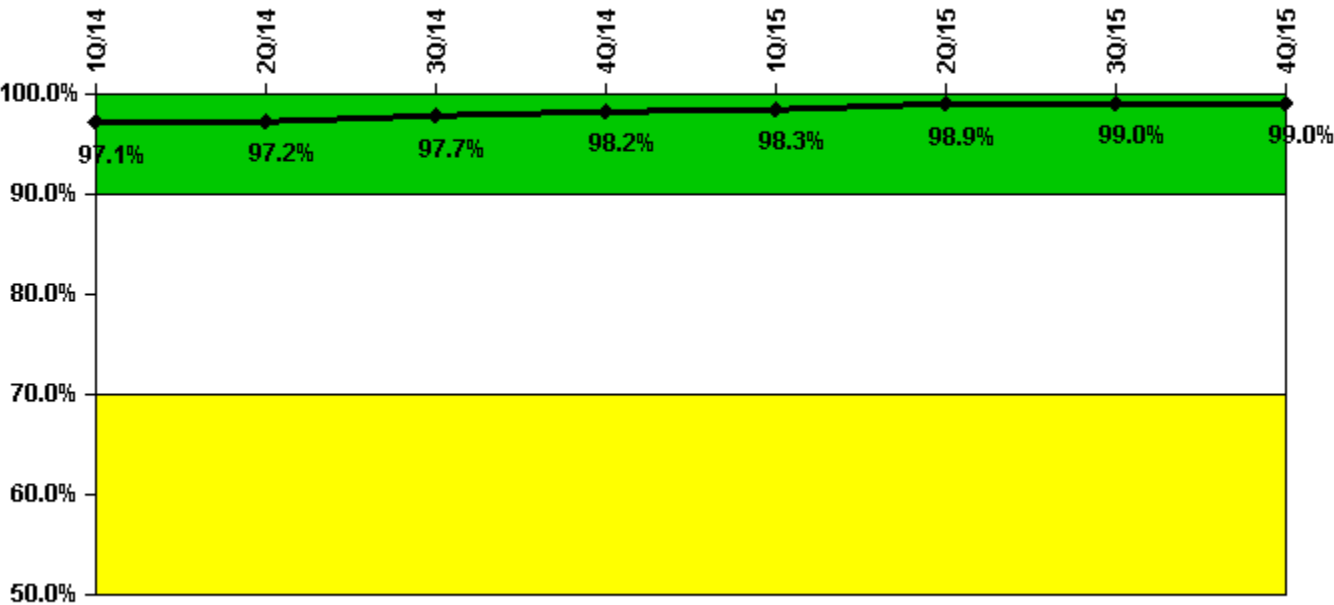
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/14	2/14	3/14	4/14	5/14	6/14	7/14	8/14	9/14	10/14	11/14	12/14
Maximum leakage	0.034	0.029	0.037	0.034	0.044	0.045	0.042	0.047	0.045	0.043	0.050	0.045
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.3	0.4	0.3	0.4	0.5	0.4	0.5	0.5	0.4	0.5	0.5
Reactor Coolant System Leakage	1/15	2/15	3/15	4/15	5/15	6/15	7/15	8/15	9/15	10/15	11/15	12/15
Maximum leakage	0.048	0.085	0.068	0	0.264	0.024	0.022	0.015	0.013	0.018	0.013	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	0.5	0.9	0.7	0	2.6	0.2	0.2	0.2	0.1	0.2	0.1	0.2

Licensee Comments: none

Drill/Exercise Performance



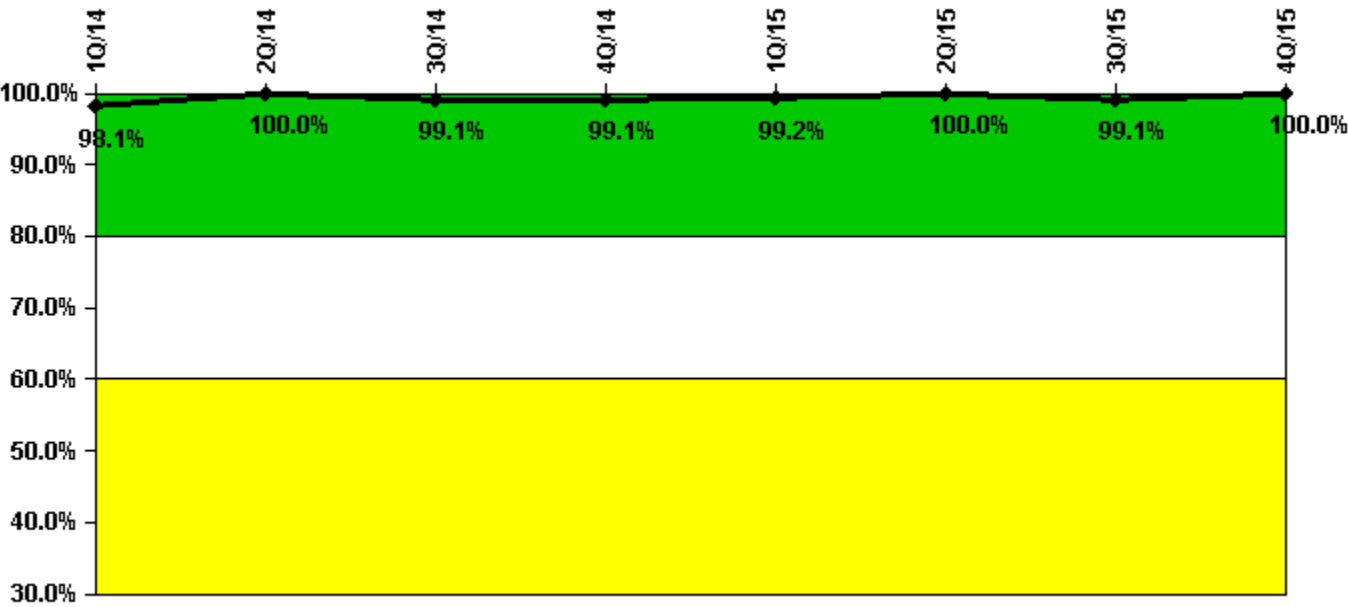
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Successful opportunities	27.0	24.0	52.0	20.0	63.0	22.0	59.0	22.0
Total opportunities	28.0	25.0	52.0	20.0	63.0	23.0	59.0	22.0
Indicator value	97.1%	97.2%	97.7%	98.2%	98.3%	98.9%	99.0%	99.0%

Licensee Comments: none

ERO Drill Participation



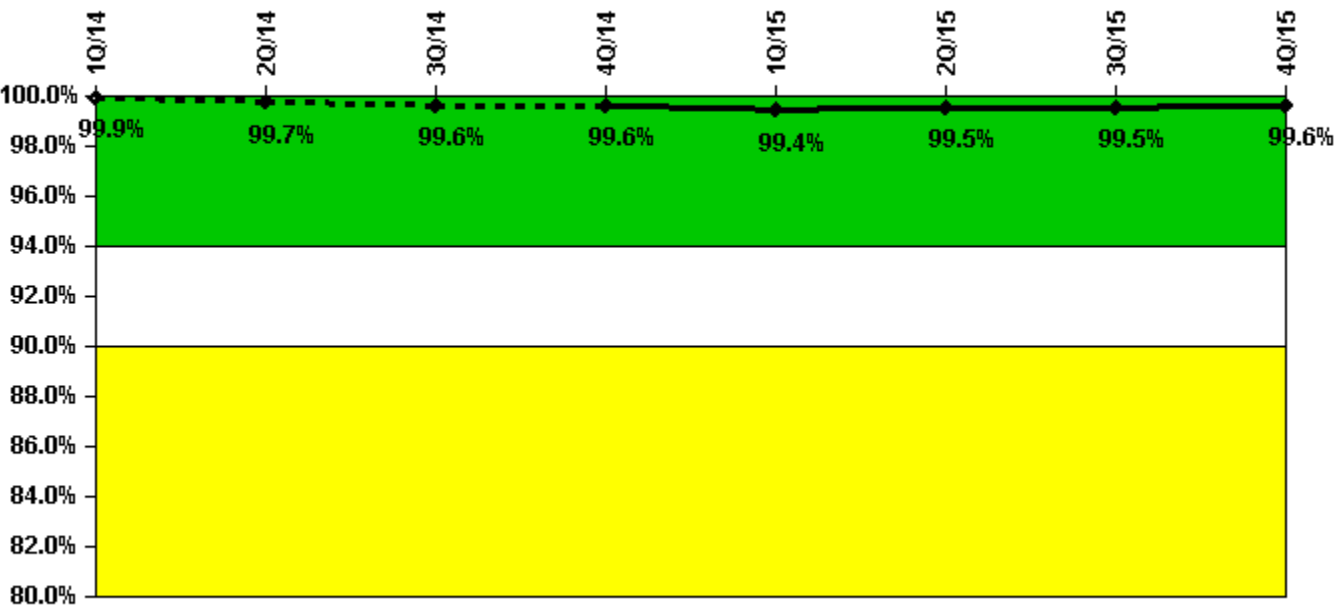
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Participating Key personnel	103.0	109.0	110.0	114.0	118.0	115.0	114.0	120.0
Total Key personnel	105.0	109.0	111.0	115.0	119.0	115.0	115.0	120.0
Indicator value	98.1%	100.0%	99.1%	99.1%	99.2%	100.0%	99.1%	100.0%

Licensee Comments: none

Alert & Notification System



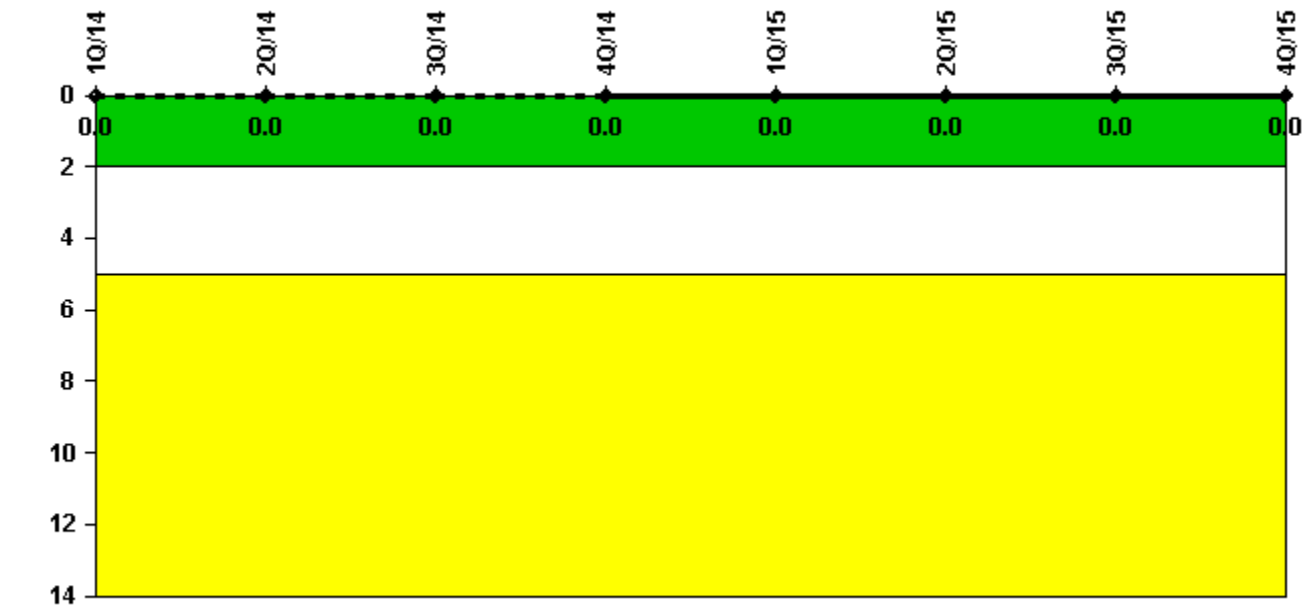
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Successful siren-tests	1156	1043	1151	1151	1148	1154	1150	1244
Total sirens-tests	1157	1049	1157	1157	1157	1157	1157	1246
Indicator value	99.9%	99.7%	99.6%	99.6%	99.4%	99.5%	99.5%	99.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness



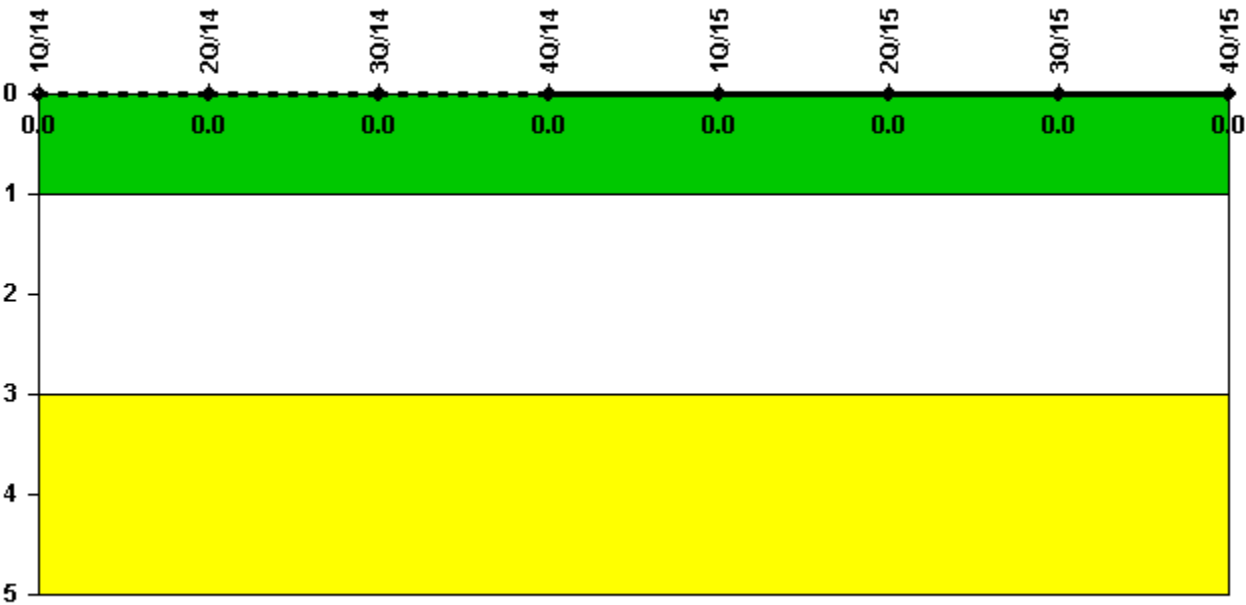
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/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

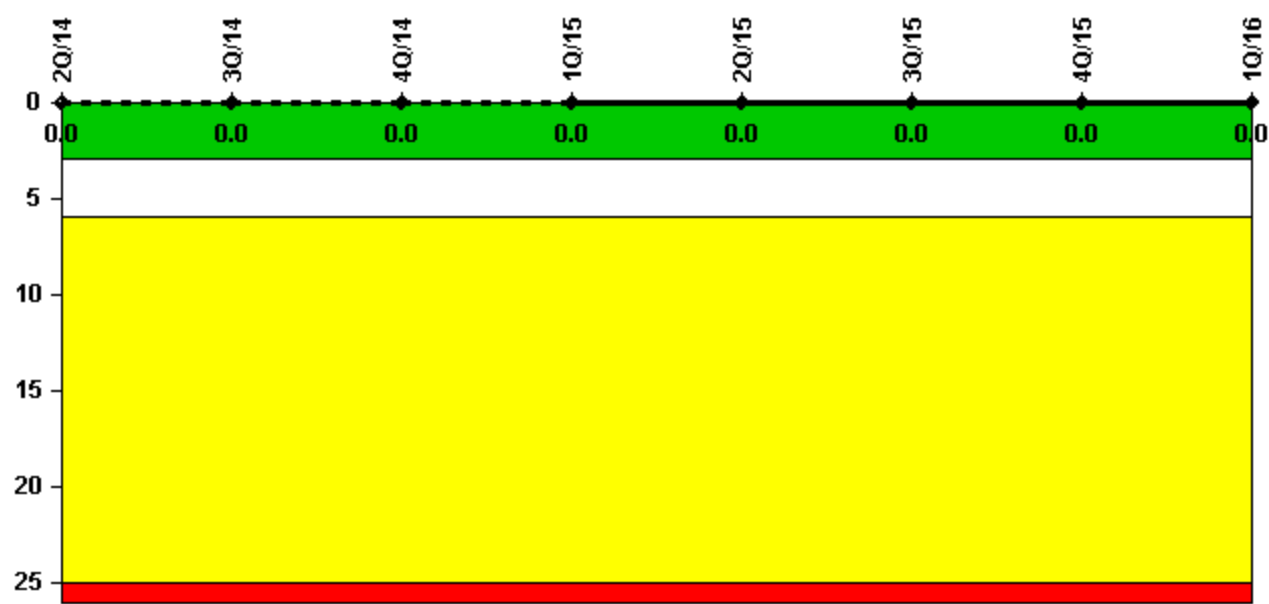
Farley 1

1Q/2016 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



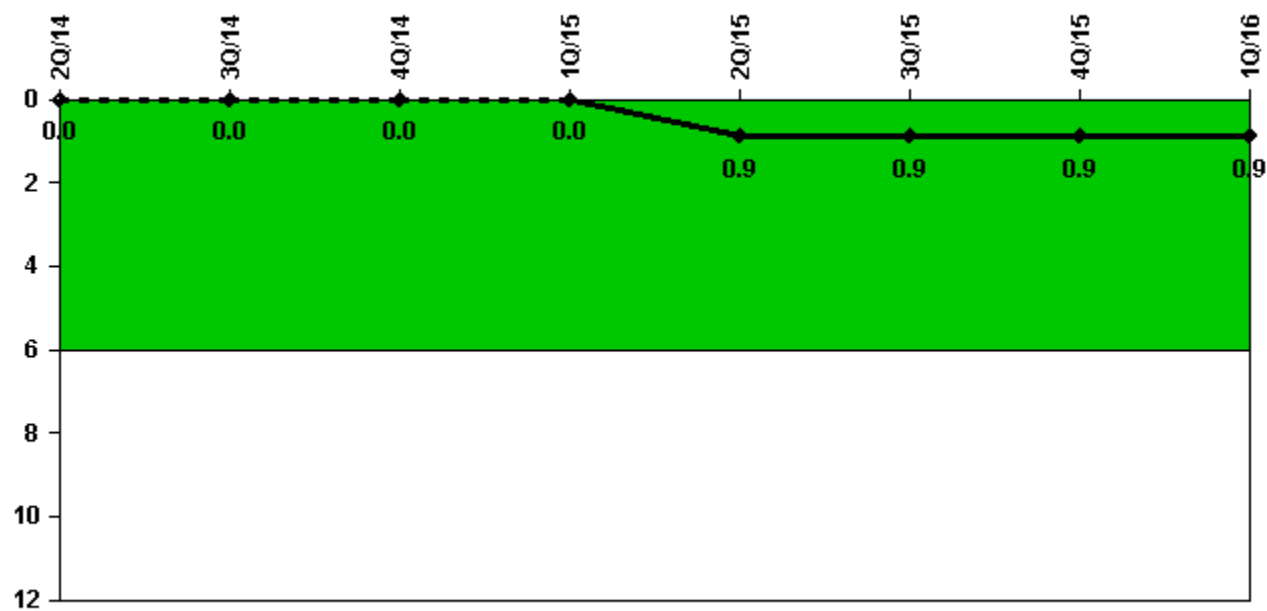
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2184.0	2208.0	2209.0	2094.7	1256.5	2208.0	2209.0	2183.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

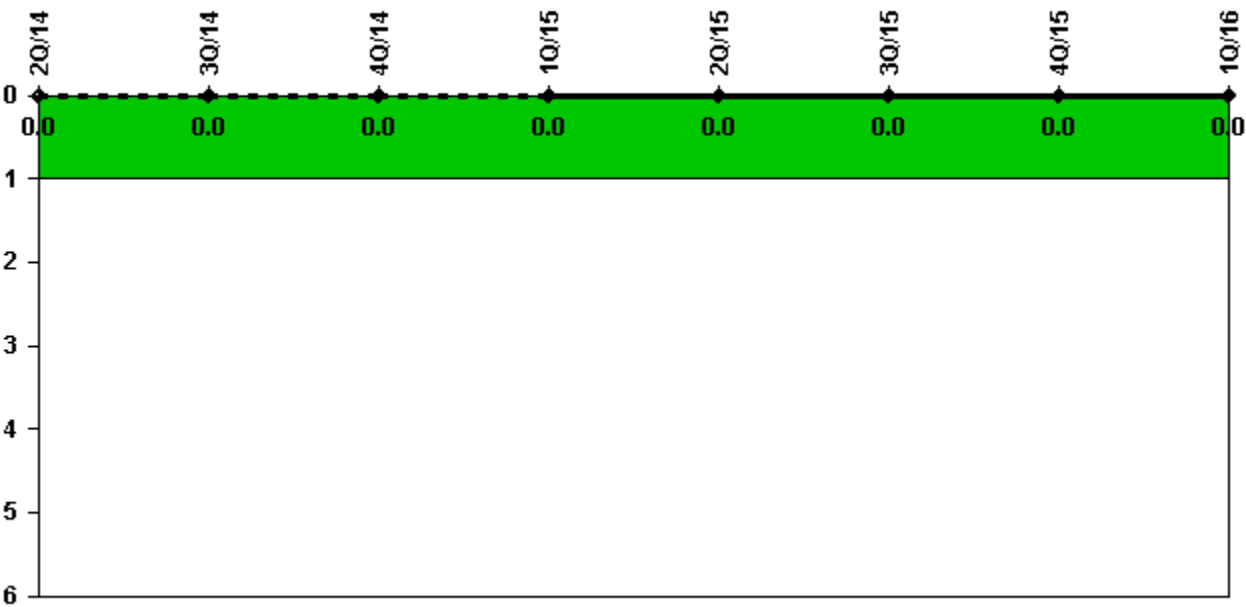
Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Unplanned power changes	0	0	0	0	1.0	0	0	0
Critical hours	2184.0	2208.0	2209.0	2094.7	1256.5	2208.0	2209.0	2183.0
Indicator value	0	0	0	0	0.9	0.9	0.9	0.9

Licensee Comments:

2Q/15: Unplanned losses due to loss of RCP & Turbine Trip

Unplanned Scrams with Complications



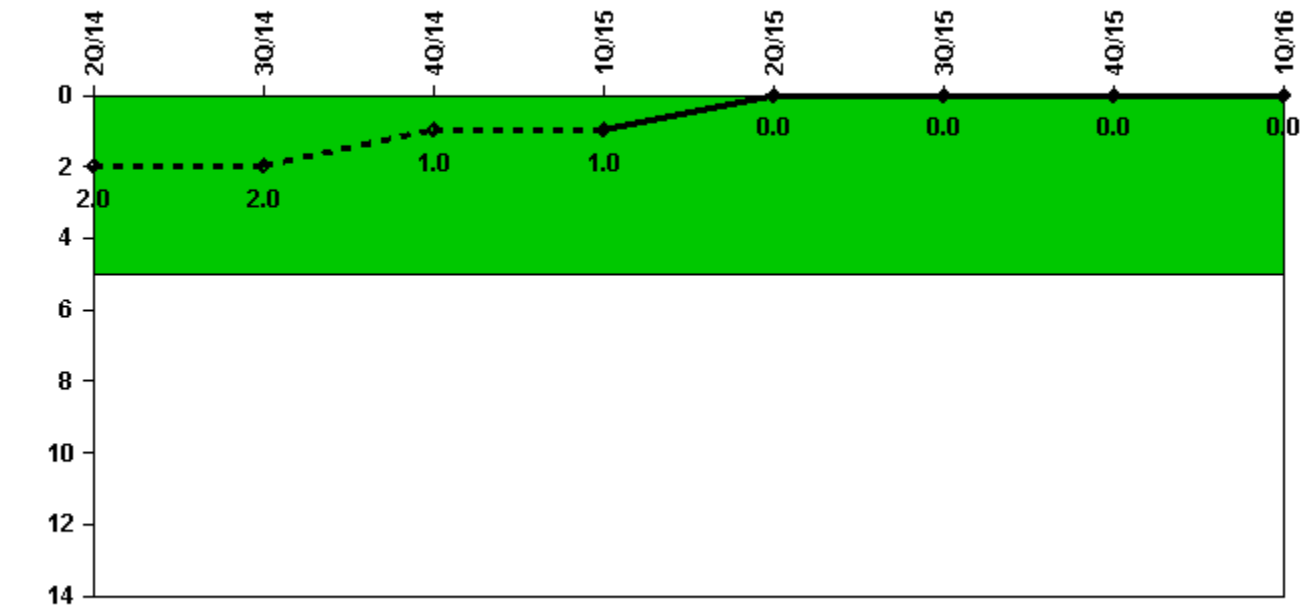
Thresholds: White > 1.0

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

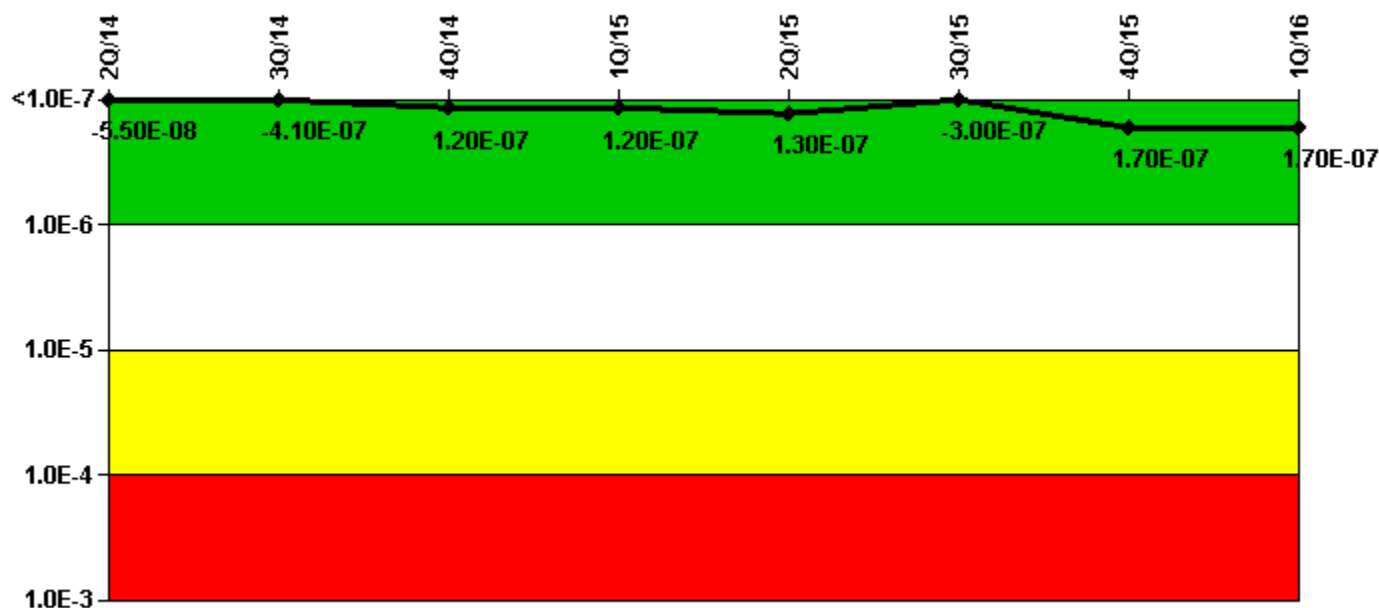
Notes

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	1	0	0	0	0	0	0	0
Indicator value	2	2	1	1	0	0	0	0

Licensee Comments:

2Q/14: LER 2014-002-00

Mitigating Systems Performance Index, Emergency AC Power System



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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
UAI (Δ CDF)	1.61E-07	8.61E-08	1.20E-07	1.22E-07	1.25E-07	-2.03E-08	-6.37E-09	-6.40E-09
URI (Δ CDF)	-2.16E-07	-4.99E-07	5.68E-10	5.68E-10	5.68E-10	-2.80E-07	1.80E-07	1.80E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.50E-08	-4.10E-07	1.20E-07	1.20E-07	1.30E-07	-3.00E-07	1.70E-07	1.70E-07

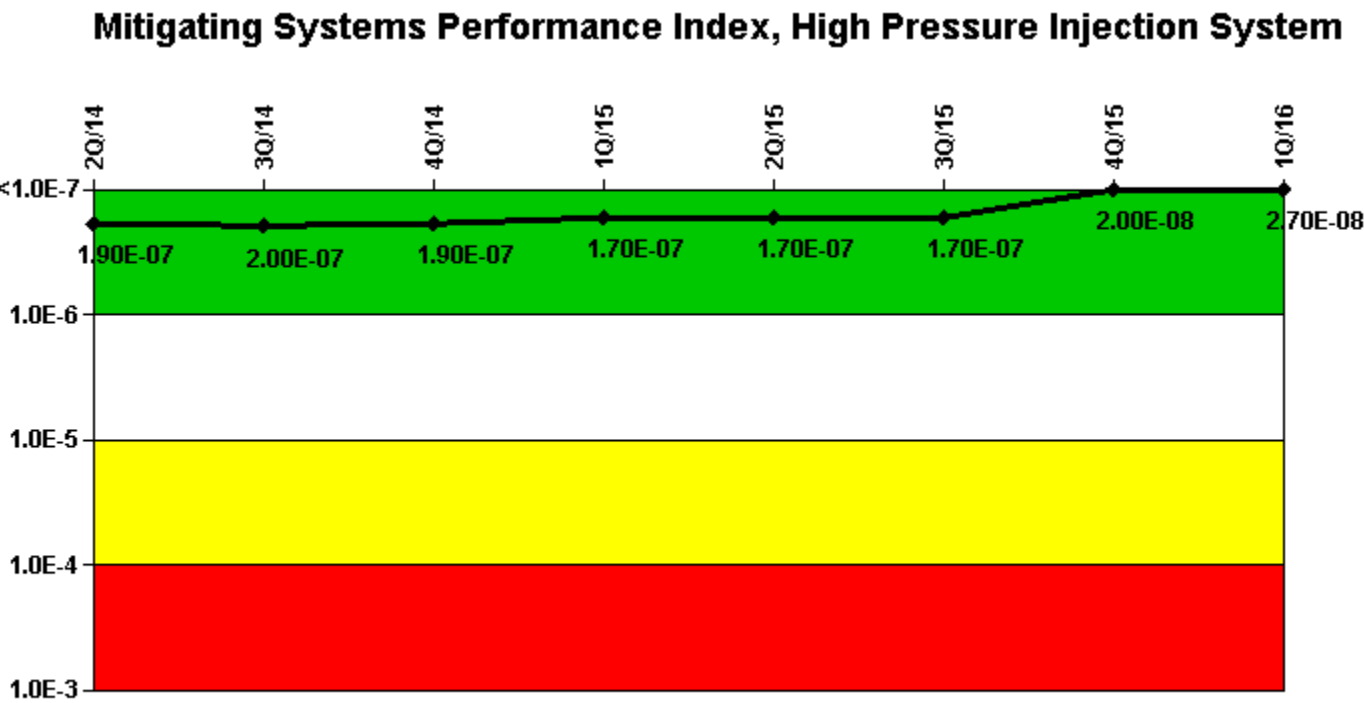
Licensee Comments:

3Q/15: Risk Cap Invoked.

2Q/15: Risk Cap Invoked.

1Q/15: Risk Cap Invoked.

4Q/14: Risk Cap Invoked.



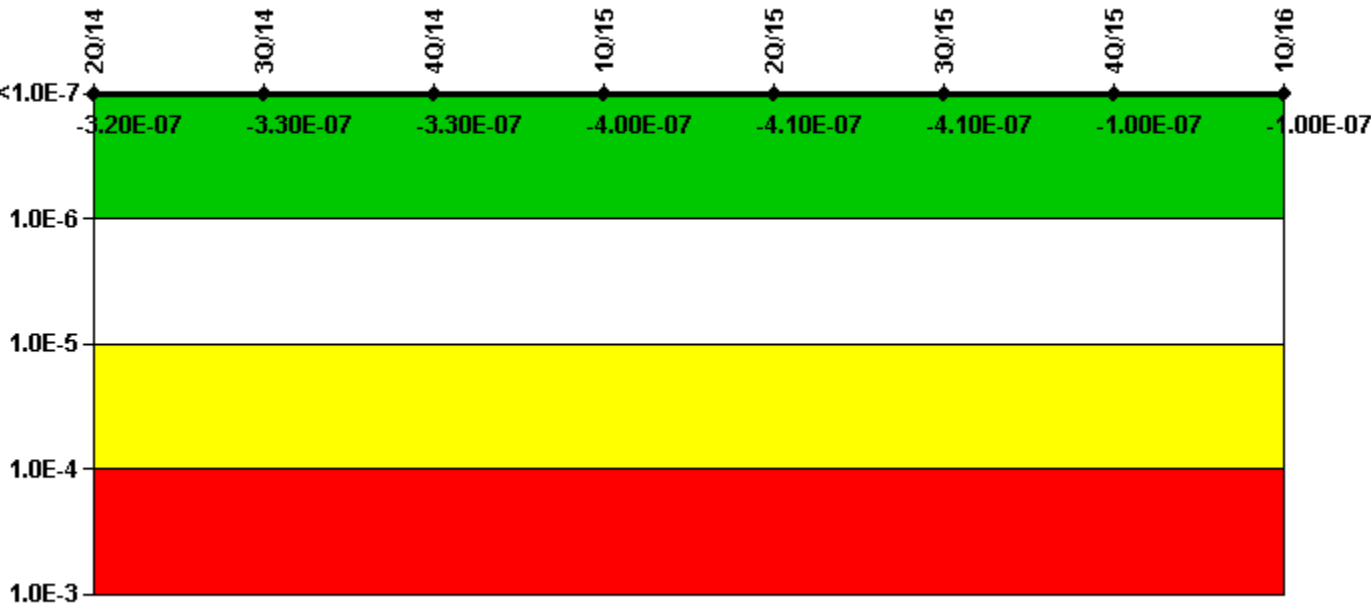
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (ΔCDF)	2.26E-07	2.38E-07	2.27E-07	2.11E-07	2.05E-07	2.09E-07	2.33E-08	3.00E-08
URI (ΔCDF)	-3.78E-08	-3.78E-08	-3.78E-08	-3.78E-08	-3.78E-08	-3.78E-08	-3.43E-09	-3.43E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.90E-07	2.00E-07	1.90E-07	1.70E-07	1.70E-07	1.70E-07	2.00E-08	2.70E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



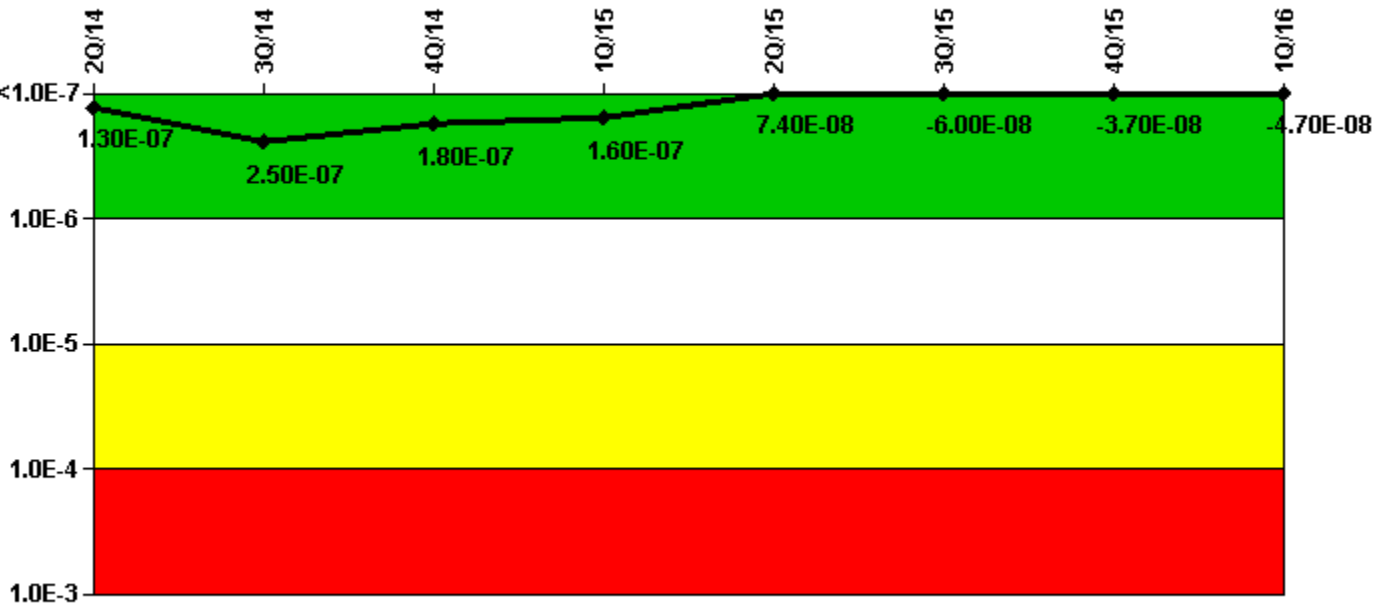
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
UAI (ΔCDF)	8.10E-08	7.10E-08	6.78E-08	2.08E-09	-8.17E-09	-1.32E-08	-1.97E-08	-2.13E-08
URI (ΔCDF)	-4.00E-07	-4.00E-07	-4.00E-07	-4.00E-07	-4.00E-07	-4.00E-07	-8.15E-08	-8.15E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.20E-07	-3.30E-07	-3.30E-07	-4.00E-07	-4.10E-07	-4.10E-07	-1.00E-07	-1.00E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



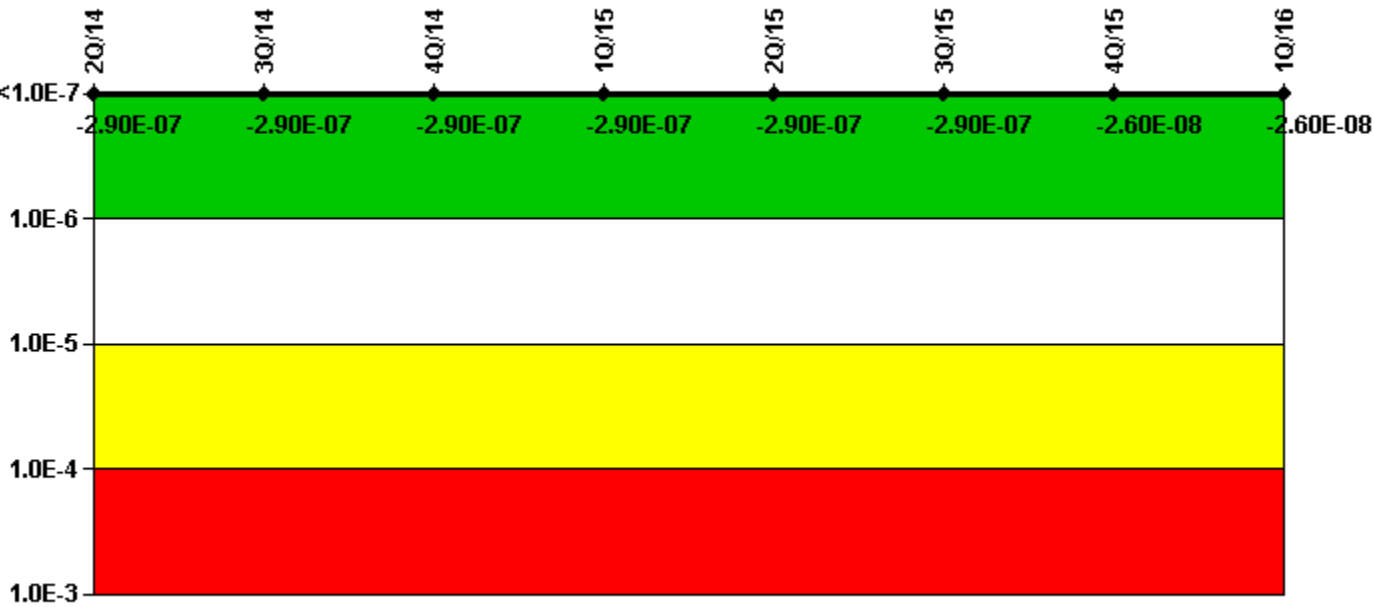
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
UAI (ΔCDF)	3.47E-07	4.69E-07	4.01E-07	3.83E-07	2.95E-07	1.60E-07	2.92E-08	1.89E-08
URI (ΔCDF)	-2.21E-07	-2.21E-07	-2.21E-07	-2.21E-07	-2.21E-07	-2.21E-07	-6.59E-08	-6.59E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.30E-07	2.50E-07	1.80E-07	1.60E-07	7.40E-08	-6.00E-08	-3.70E-08	-4.70E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



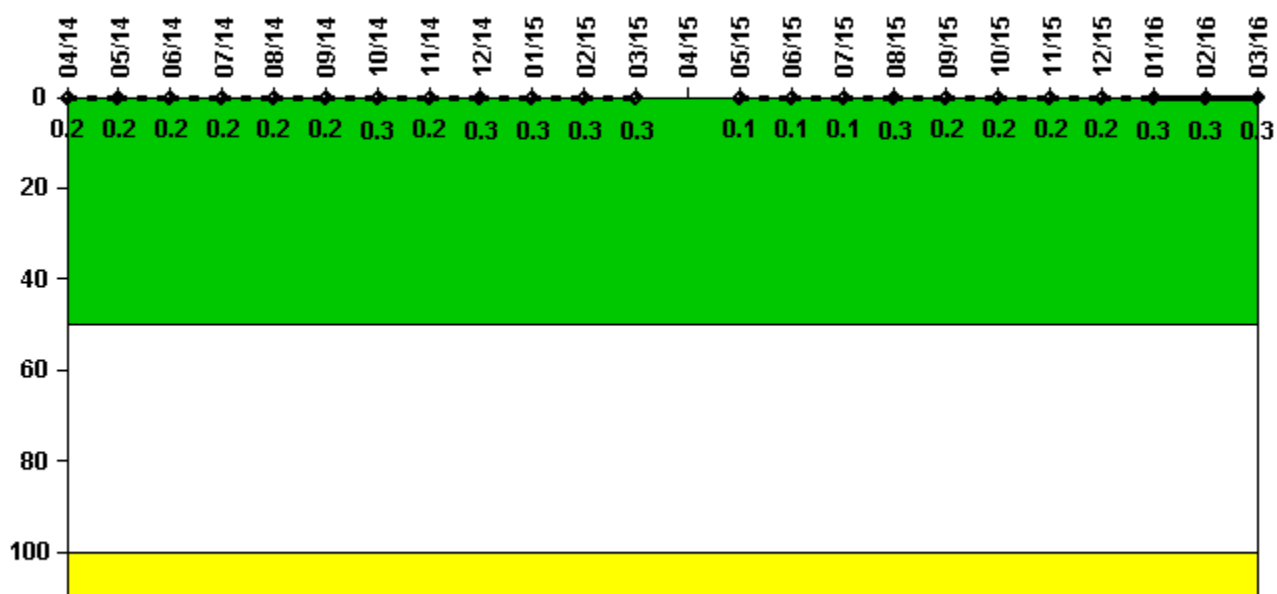
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
UAI (ΔCDF)	2.24E-08	2.32E-08	2.02E-08	2.01E-08	1.95E-08	2.48E-08	5.80E-09	5.18E-09
URI (ΔCDF)	-3.13E-07	-3.13E-07	-3.13E-07	-3.13E-07	-3.13E-07	-3.13E-07	-3.15E-08	-3.15E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.90E-07	-2.90E-07	-2.90E-07	-2.90E-07	-2.90E-07	-2.90E-07	-2.60E-08	-2.60E-08

Licensee Comments: none

Reactor Coolant System Activity



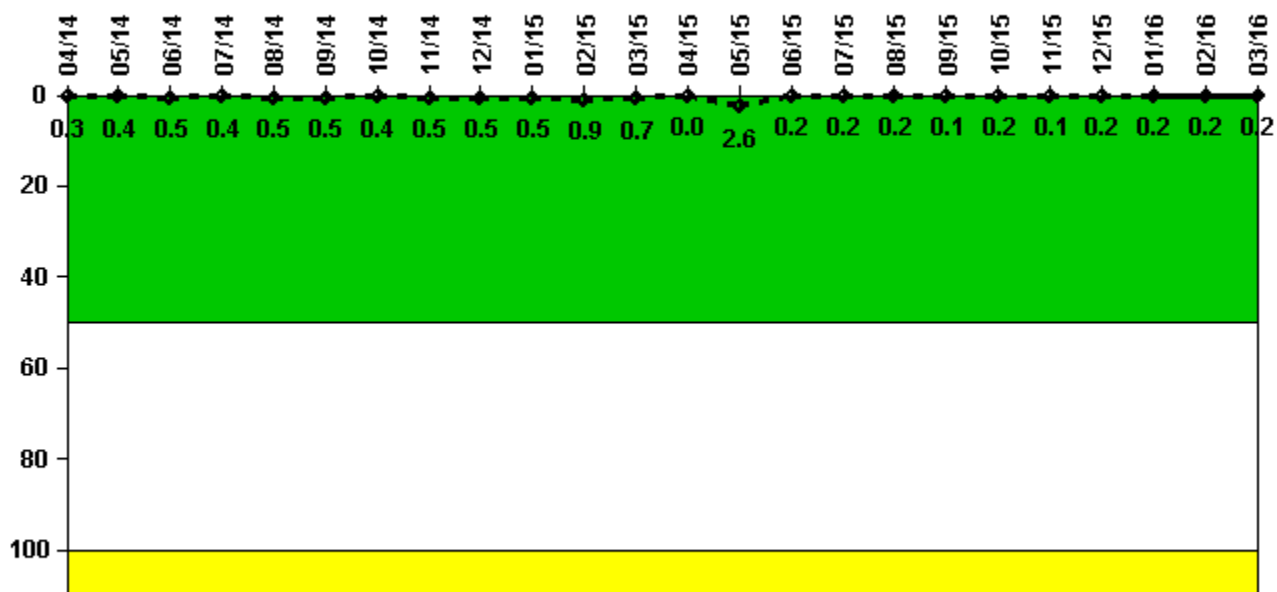
Thresholds: White > 50.0 Yellow > 100.0

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	0.000898	0.000955	0.000958	0.000987	0.000943	0.001010	0.001430	0.001160	0.001300	0.001560	0.001580	0.001250
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.3	0.3	0.3
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	N/A	0.000464	0.000705	0.000740	0.001610	0.000944	0.000935	0.001020	0.001040	0.001330	0.001360	0.001390
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	N/A	0.1	0.1	0.1	0.3	0.2	0.2	0.2	0.2	0.3	0.3	0.3

Licensee Comments: none

Reactor Coolant System Leakage



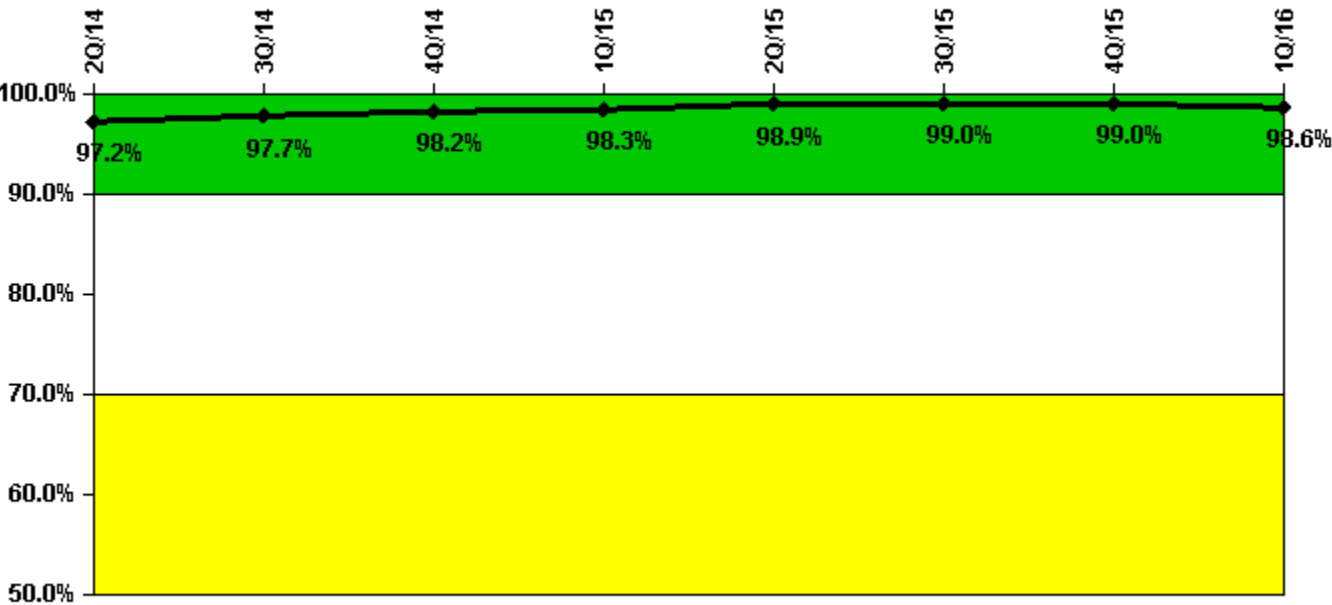
Thresholds: White > 50.0 Yellow > 100.0

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	0.034	0.044	0.045	0.042	0.047	0.045	0.043	0.050	0.045	0.048	0.085	0.068
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.4	0.5	0.4	0.5	0.5	0.4	0.5	0.5	0.5	0.9	0.7
Reactor Coolant System Leakage	4/15	5/15	6/15	7/15	8/15	9/15	10/15	11/15	12/15	1/16	2/16	3/16
Maximum leakage	0	0.264	0.024	0.022	0.015	0.013	0.018	0.013	0.017	0.016	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	2.6	0.2	0.2	0.2	0.1	0.2	0.1	0.2	0.2	0.2	0.2

Licensee Comments: none

Drill/Exercise Performance



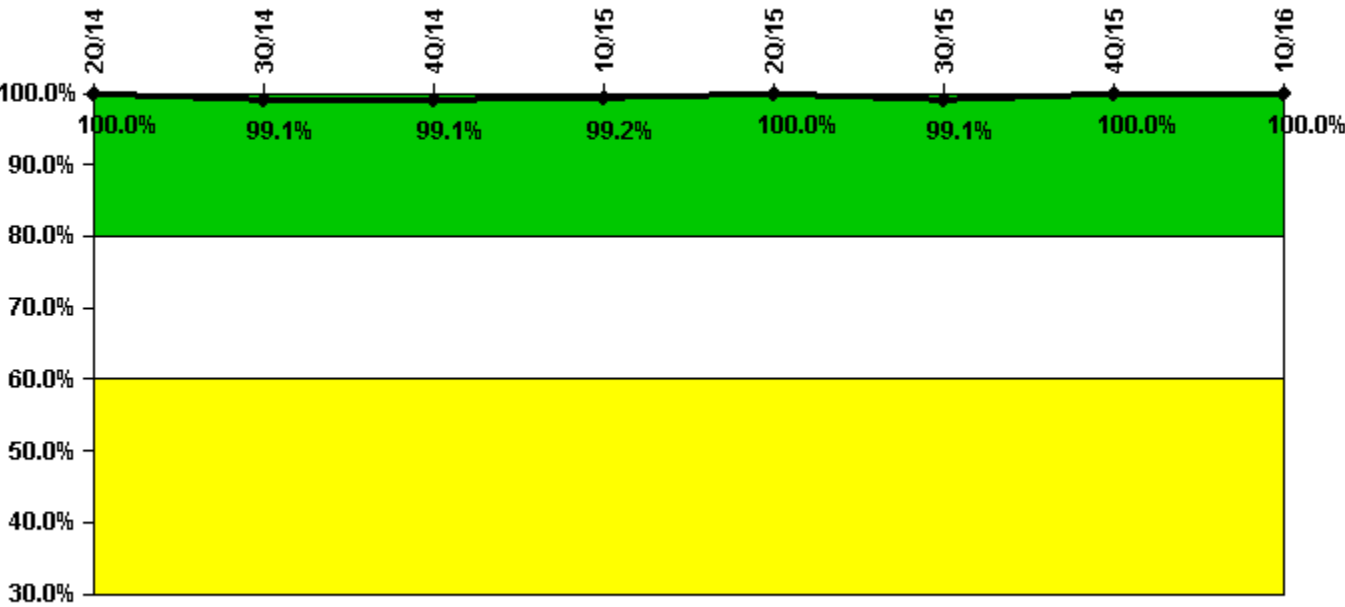
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Successful opportunities	24.0	52.0	20.0	63.0	22.0	59.0	22.0	82.0
Total opportunities	25.0	52.0	20.0	63.0	23.0	59.0	22.0	85.0
Indicator value	97.2%	97.7%	98.2%	98.3%	98.9%	99.0%	99.0%	98.6%

Licensee Comments: none

ERO Drill Participation



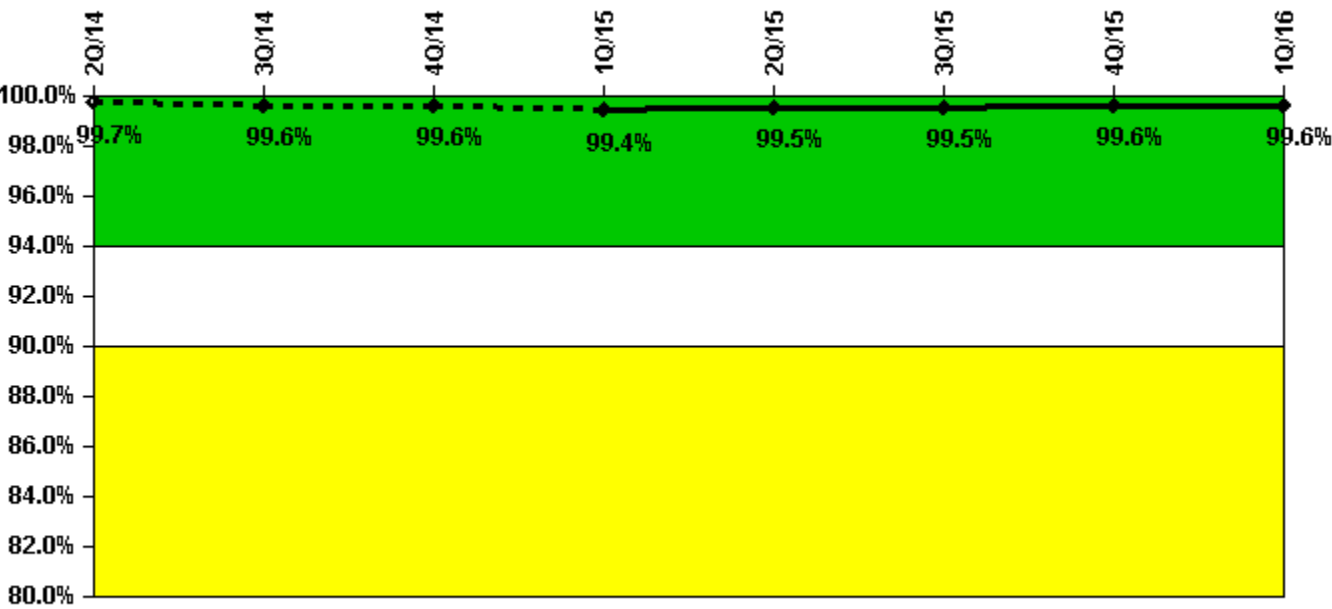
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Participating Key personnel	109.0	110.0	114.0	118.0	115.0	114.0	120.0	120.0
Total Key personnel	109.0	111.0	115.0	119.0	115.0	115.0	120.0	120.0
Indicator value	100.0%	99.1%	99.1%	99.2%	100.0%	99.1%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



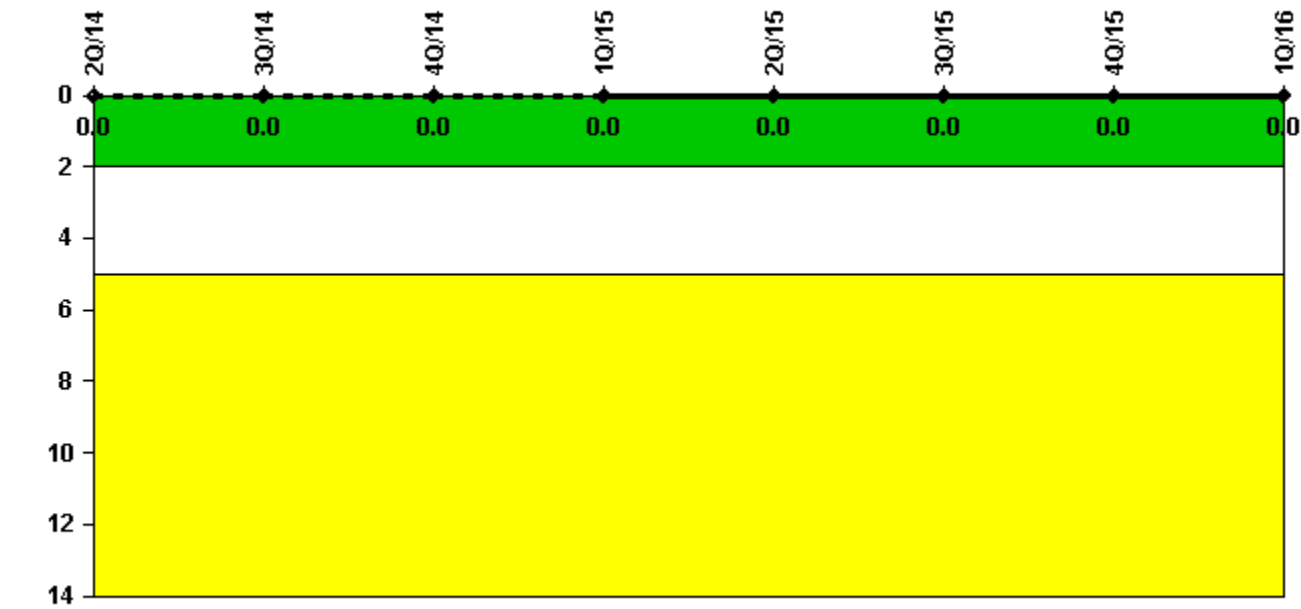
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Successful siren-tests	1043	1151	1151	1148	1154	1150	1244	1152
Total sirens-tests	1049	1157	1157	1157	1157	1157	1246	1157
Indicator value	99.7%	99.6%	99.6%	99.4%	99.5%	99.5%	99.6%	99.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness



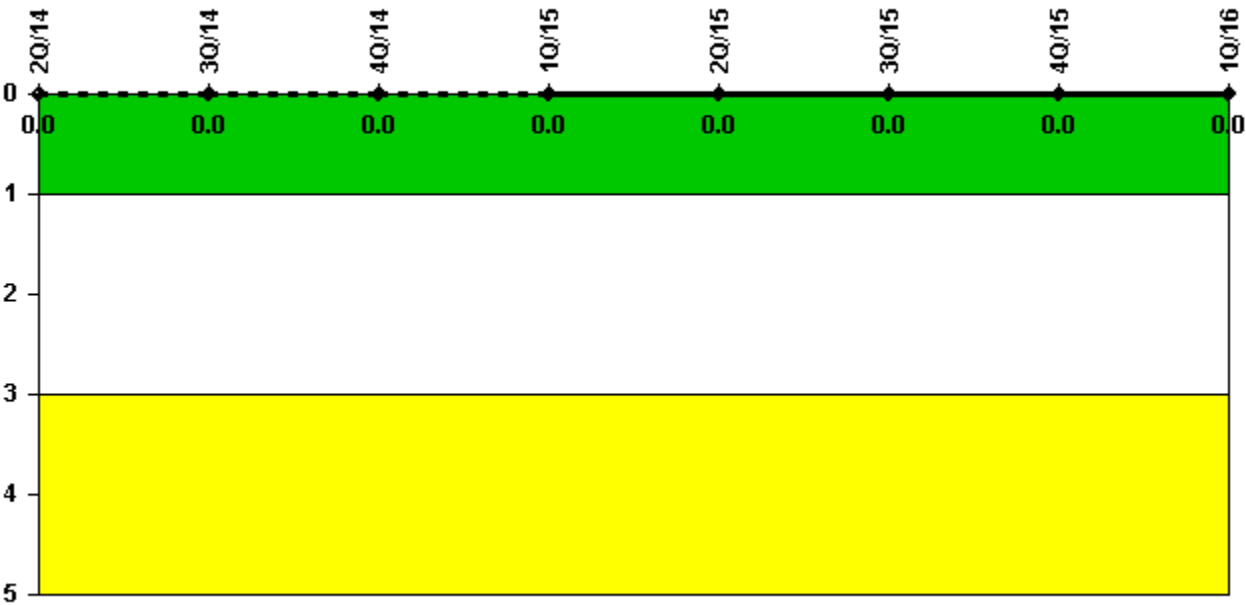
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/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

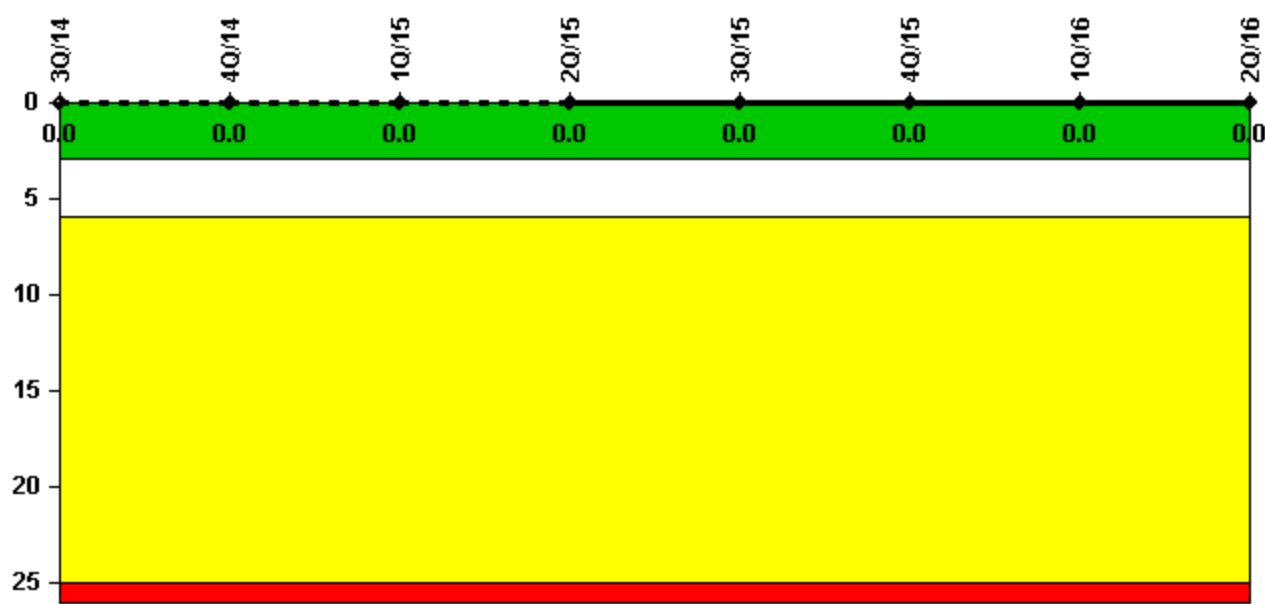
Farley 1

2Q/2016 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



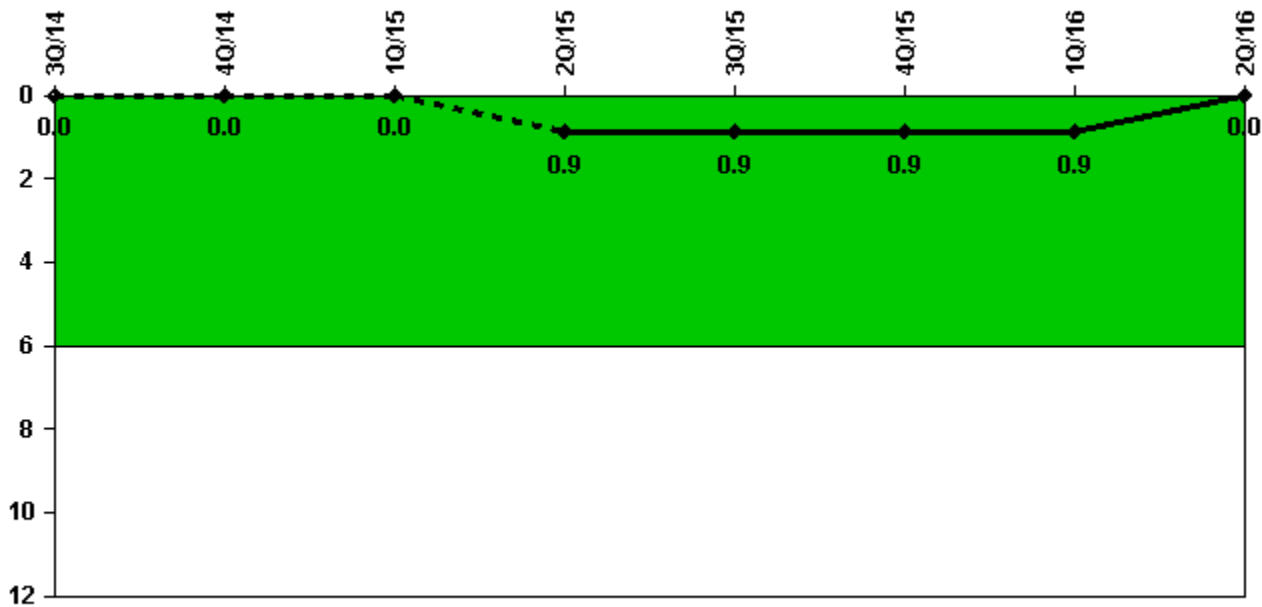
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2208.0	2209.0	2094.7	1256.5	2208.0	2209.0	2183.0	2184.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

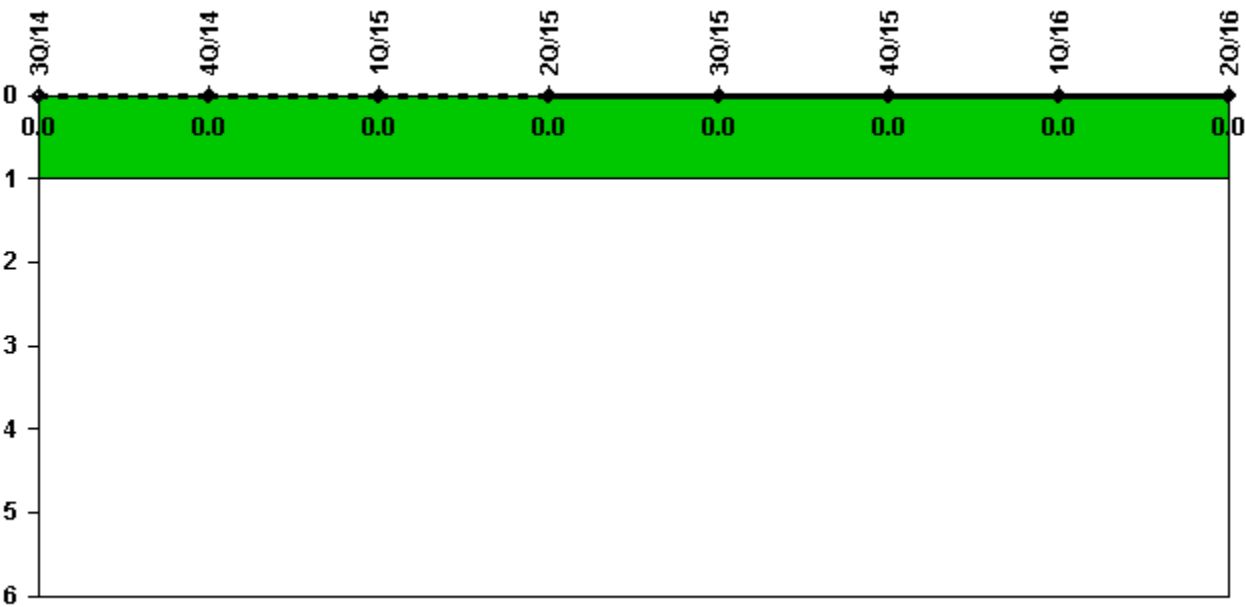
Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Unplanned power changes	0	0	0	1.0	0	0	0	0
Critical hours	2208.0	2209.0	2094.7	1256.5	2208.0	2209.0	2183.0	2184.0
Indicator value	0	0	0	0.9	0.9	0.9	0.9	0

Licensee Comments:

2Q/15: Unplanned losses due to loss of RCP & Turbine Trip

Unplanned Scrams with Complications



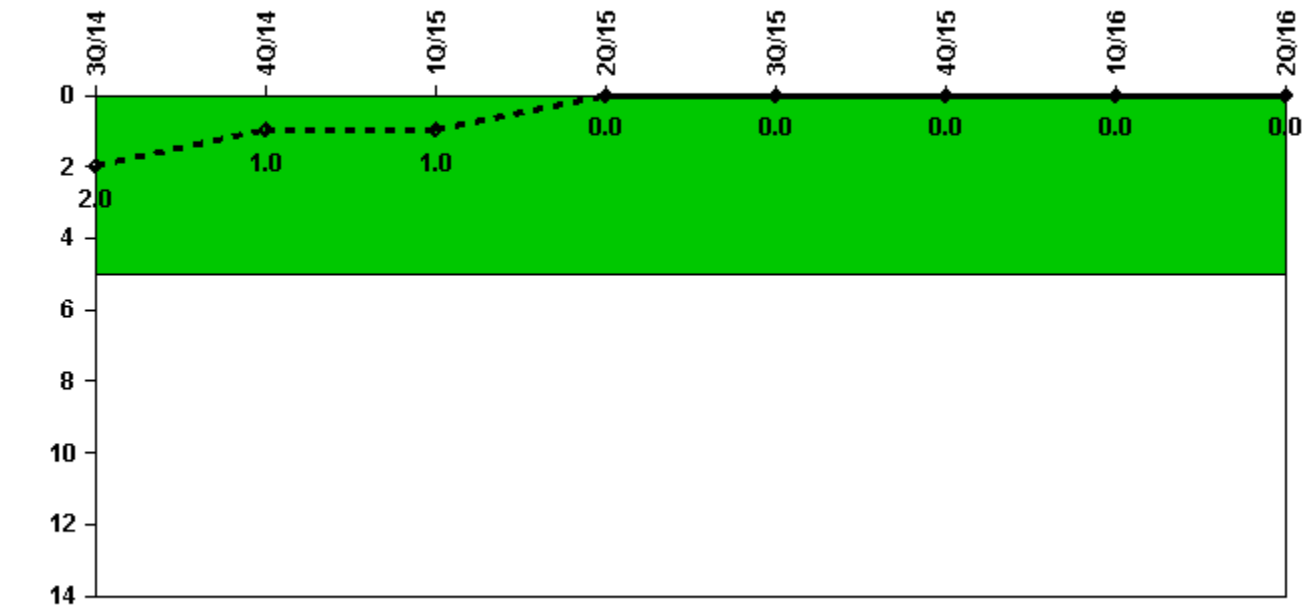
Thresholds: White > 1.0

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)



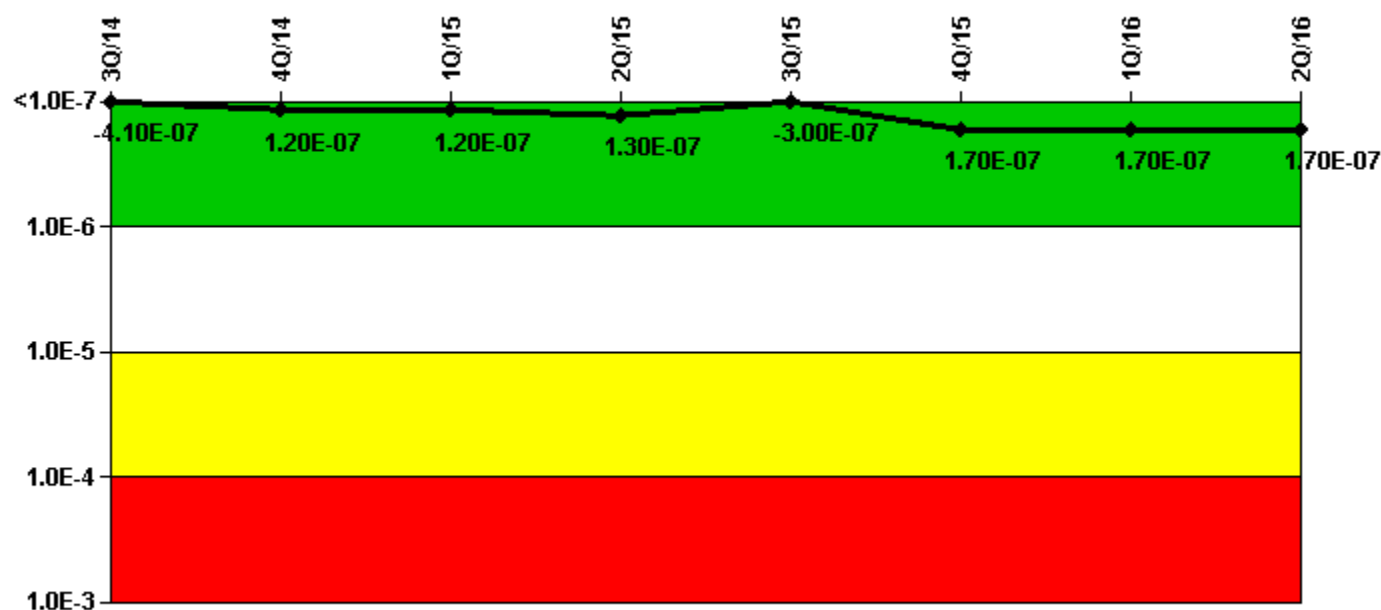
Thresholds: White > 5.0

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	0	0	0	0	0	0	0
Indicator value	2	1	1	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
UAI (Δ CDF)	8.61E-08	1.20E-07	1.22E-07	1.25E-07	-2.03E-08	-6.37E-09	-6.40E-09	-6.44E-09
URI (Δ CDF)	-4.99E-07	5.68E-10	5.68E-10	5.68E-10	-2.80E-07	1.80E-07	1.80E-07	1.80E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.10E-07	1.20E-07	1.20E-07	1.30E-07	-3.00E-07	1.70E-07	1.70E-07	1.70E-07

Licensee Comments:

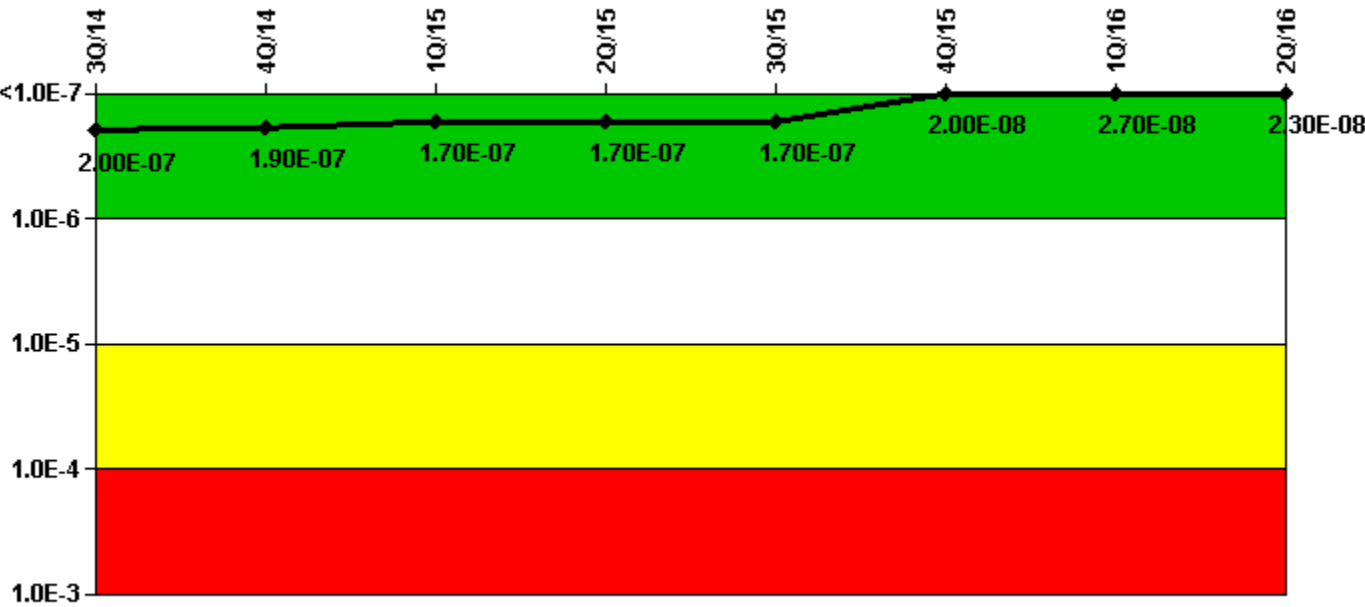
3Q/15: Risk Cap Invoked.

2Q/15: Risk Cap Invoked.

1Q/15: Risk Cap Invoked.

4Q/14: Risk Cap Invoked.

Mitigating Systems Performance Index, High Pressure Injection System



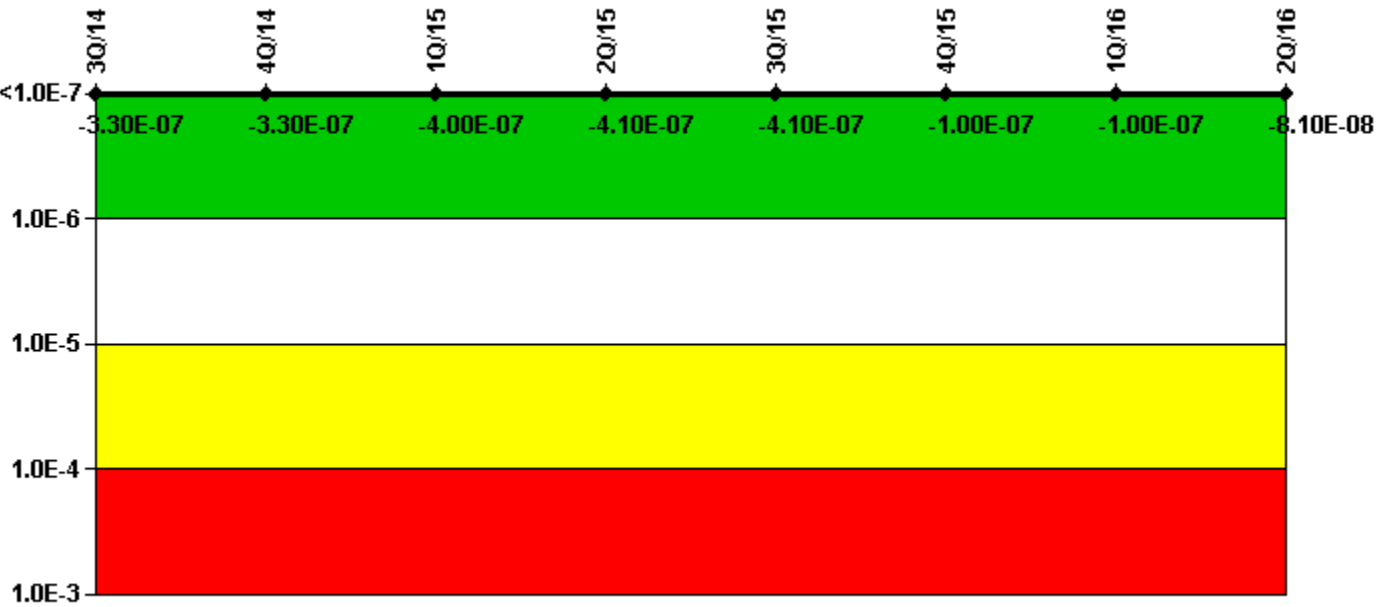
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (ΔCDF)	2.38E-07	2.27E-07	2.11E-07	2.05E-07	2.09E-07	2.33E-08	3.00E-08	2.69E-08
URI (ΔCDF)	-3.78E-08	-3.78E-08	-3.78E-08	-3.78E-08	-3.78E-08	-3.43E-09	-3.43E-09	-3.43E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.00E-07	1.90E-07	1.70E-07	1.70E-07	1.70E-07	2.00E-08	2.70E-08	2.30E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



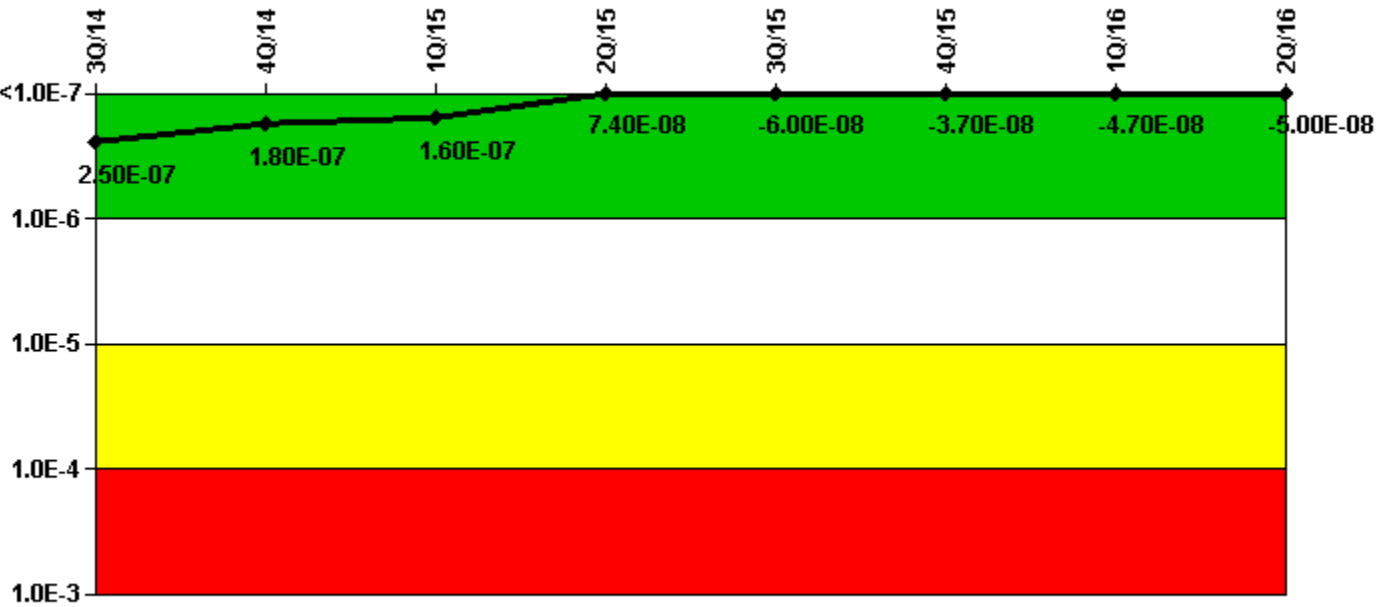
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
UAI (ΔCDF)	7.10E-08	6.78E-08	2.08E-09	-8.17E-09	-1.32E-08	-1.97E-08	-2.13E-08	7.01E-11
URI (ΔCDF)	-4.00E-07	-4.00E-07	-4.00E-07	-4.00E-07	-4.00E-07	-8.15E-08	-8.15E-08	-8.15E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.30E-07	-3.30E-07	-4.00E-07	-4.10E-07	-4.10E-07	-1.00E-07	-1.00E-07	-8.10E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



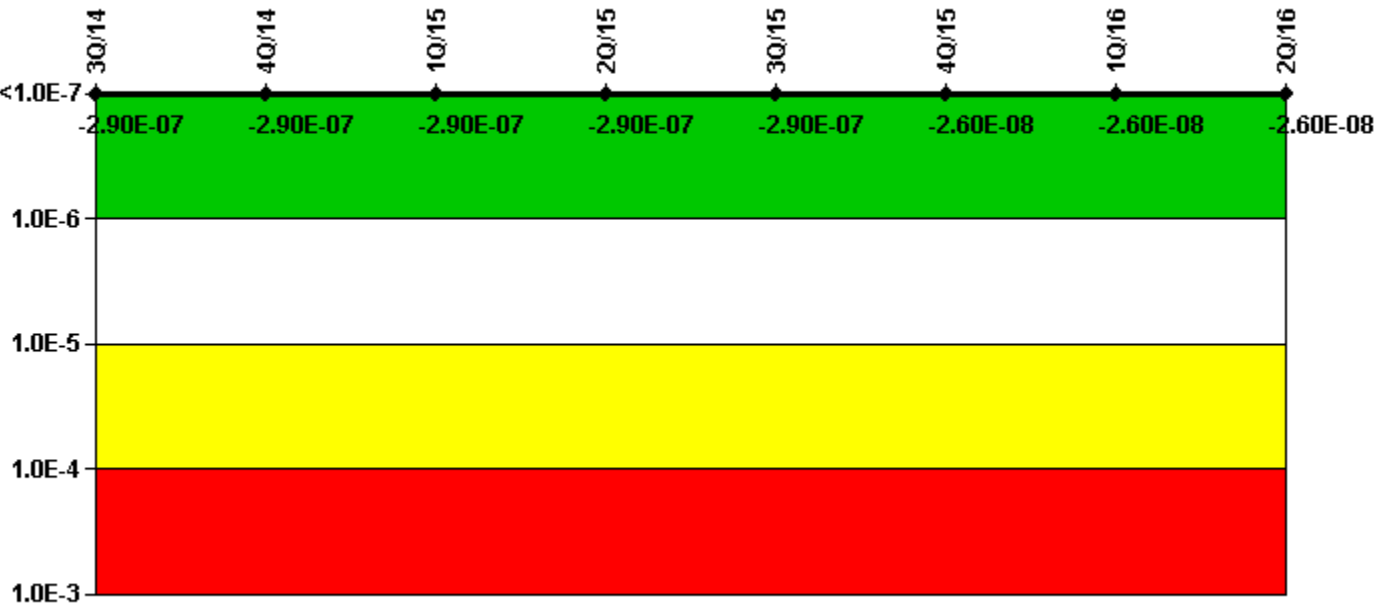
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
UAI (ΔCDF)	4.69E-07	4.01E-07	3.83E-07	2.95E-07	1.60E-07	2.92E-08	1.89E-08	1.64E-08
URI (ΔCDF)	-2.21E-07	-2.21E-07	-2.21E-07	-2.21E-07	-2.21E-07	-6.59E-08	-6.59E-08	-6.59E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.50E-07	1.80E-07	1.60E-07	7.40E-08	-6.00E-08	-3.70E-08	-4.70E-08	-5.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



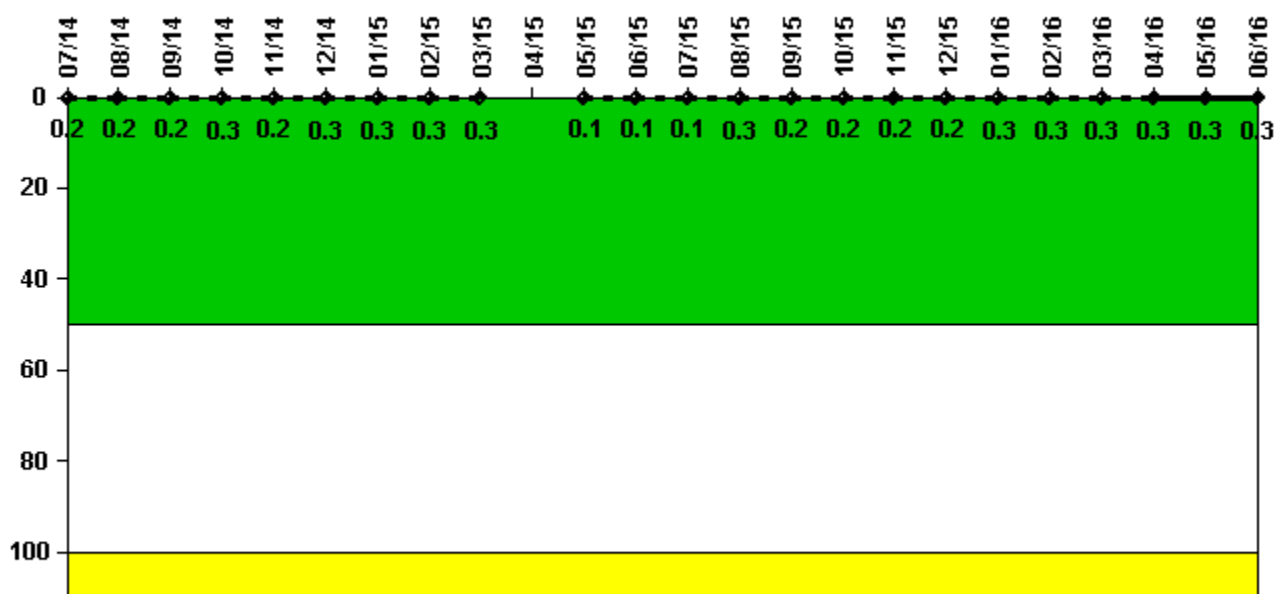
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (ΔCDF)	2.32E-08	2.02E-08	2.01E-08	1.95E-08	2.48E-08	5.80E-09	5.18E-09	5.35E-09
URI (ΔCDF)	-3.13E-07	-3.13E-07	-3.13E-07	-3.13E-07	-3.13E-07	-3.15E-08	-3.15E-08	-3.15E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.90E-07	-2.90E-07	-2.90E-07	-2.90E-07	-2.90E-07	-2.60E-08	-2.60E-08	-2.60E-08

Licensee Comments: none

Reactor Coolant System Activity



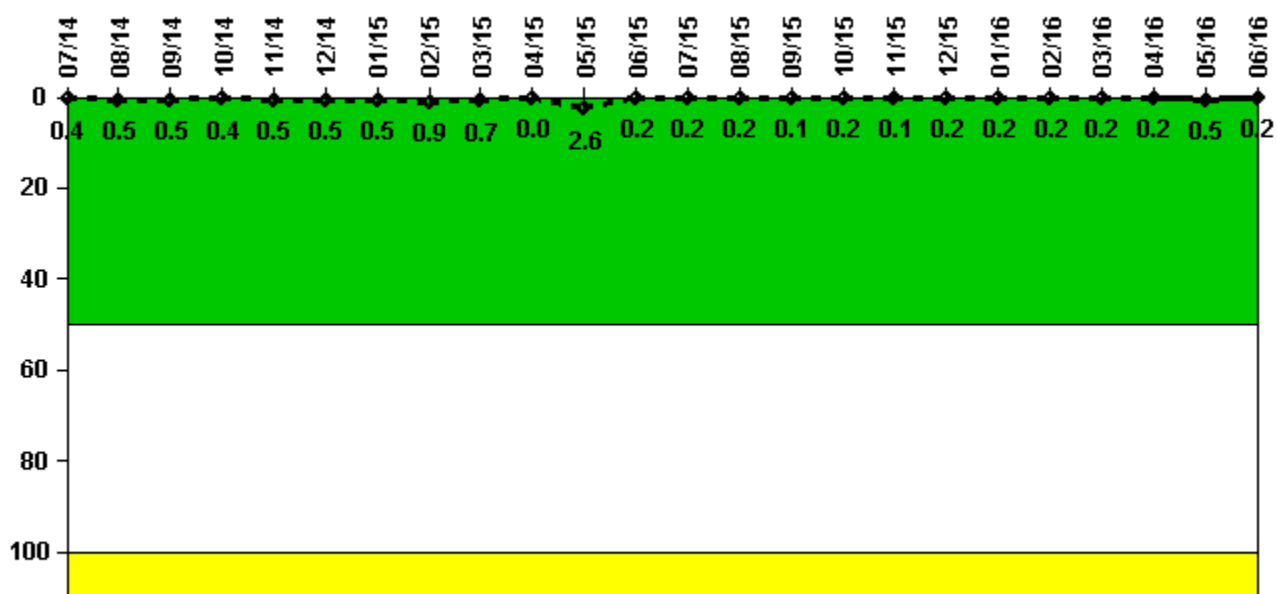
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/14	8/14	9/14	10/14	11/14	12/14	1/15	2/15	3/15	4/15	5/15	6/15
Maximum activity	0.000987	0.000943	0.001010	0.001430	0.001160	0.001300	0.001560	0.001580	0.001250	N/A	0.000464	0.000705
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.2	0.2	0.2	0.3	0.2	0.3	0.3	0.3	0.3	N/A	0.1	0.1
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	0.000740	0.001610	0.000944	0.000935	0.001020	0.001040	0.001330	0.001360	0.001390	0.001330	0.001410	0.001490
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.1	0.3	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3

Licensee Comments: none

Reactor Coolant System Leakage



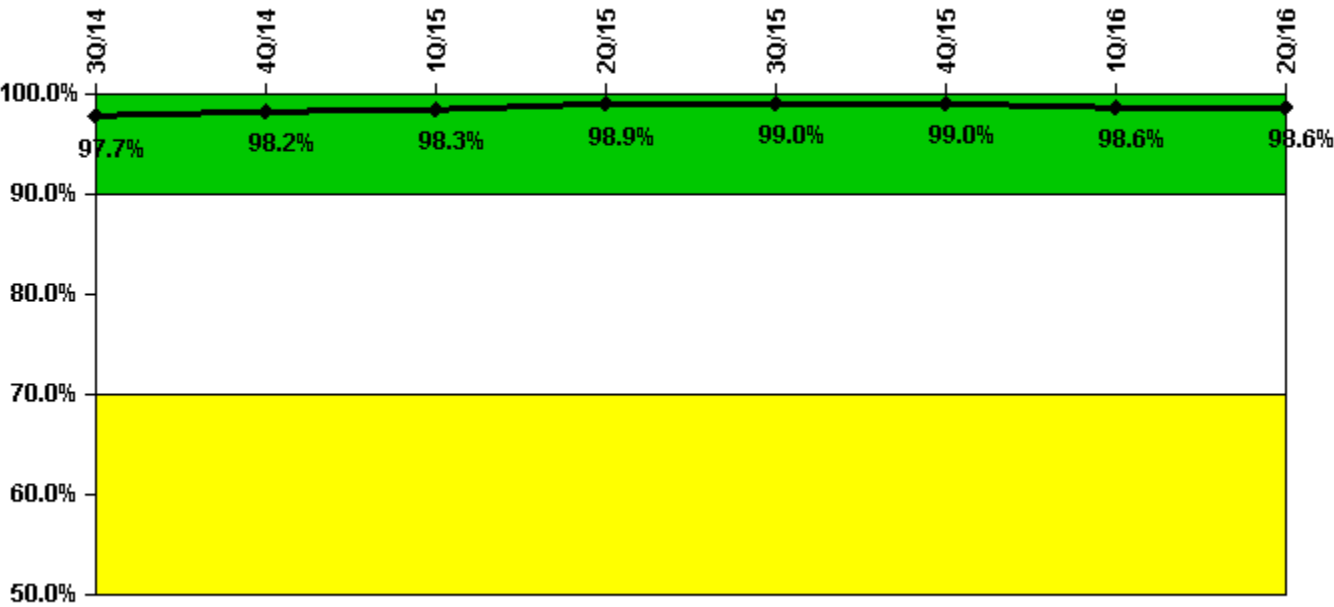
Thresholds: White > 50.0 Yellow > 100.0

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	0.042	0.047	0.045	0.043	0.050	0.045	0.048	0.085	0.068	0	0.264	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	0.4	0.5	0.5	0.4	0.5	0.5	0.5	0.9	0.7	0	2.6	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	0.022	0.015	0.013	0.018	0.013	0.017	0.016	0.020	0.020	0.018	0.050	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	0.2	0.2	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.5	0.2

Licensee Comments: none

Drill/Exercise Performance



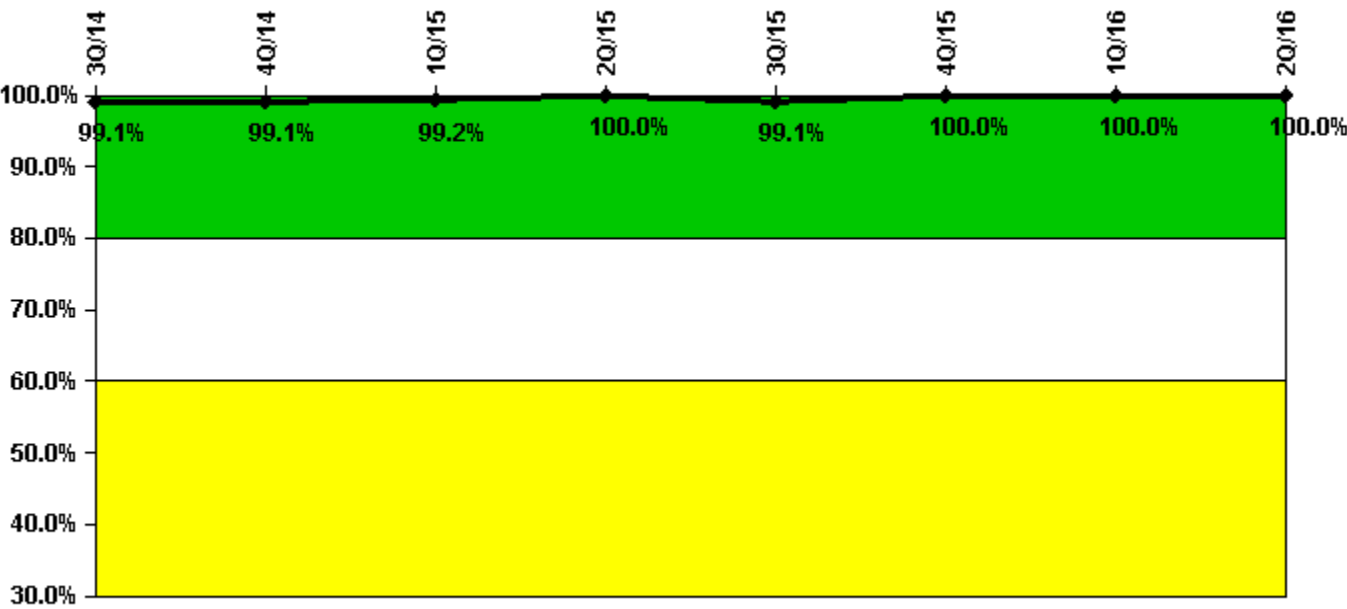
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Successful opportunities	52.0	20.0	63.0	22.0	59.0	22.0	82.0	39.0
Total opportunities	52.0	20.0	63.0	23.0	59.0	22.0	85.0	40.0
Indicator value	97.7%	98.2%	98.3%	98.9%	99.0%	99.0%	98.6%	98.6%

Licensee Comments: none

ERO Drill Participation



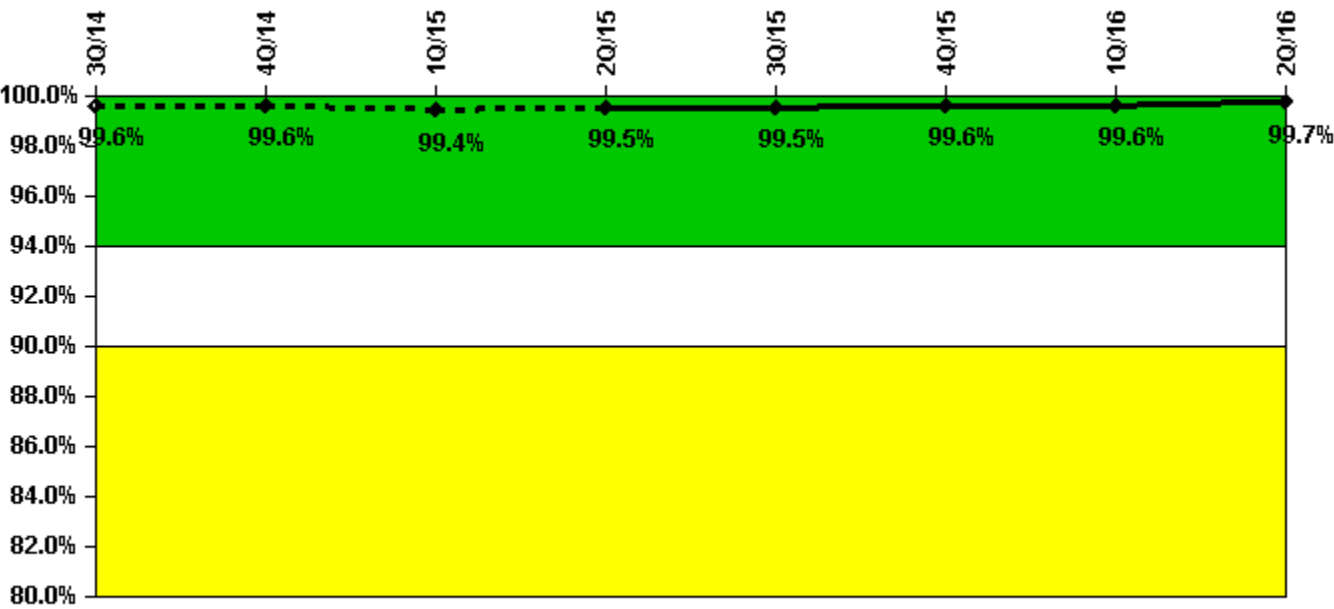
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Participating Key personnel	110.0	114.0	118.0	115.0	114.0	120.0	120.0	116.0
Total Key personnel	111.0	115.0	119.0	115.0	115.0	120.0	120.0	116.0
Indicator value	99.1%	99.1%	99.2%	100.0%	99.1%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



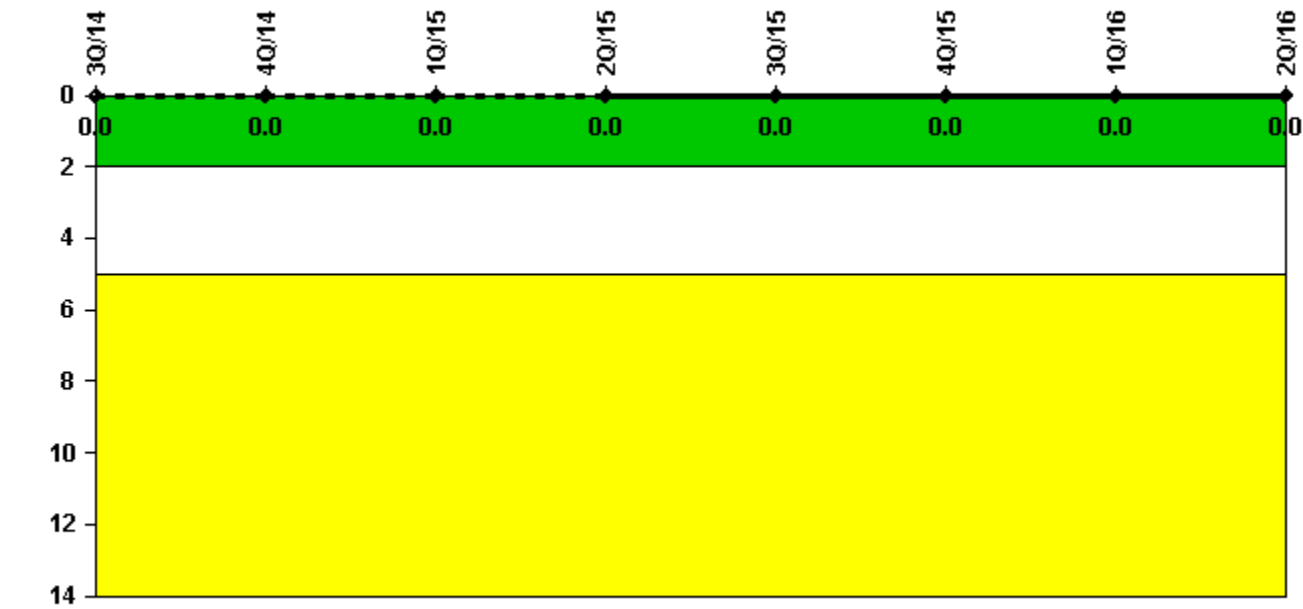
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Successful siren-tests	1151	1151	1148	1154	1150	1244	1152	1157
Total sirens-tests	1157	1157	1157	1157	1157	1246	1157	1157
Indicator value	99.6%	99.6%	99.4%	99.5%	99.5%	99.6%	99.6%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



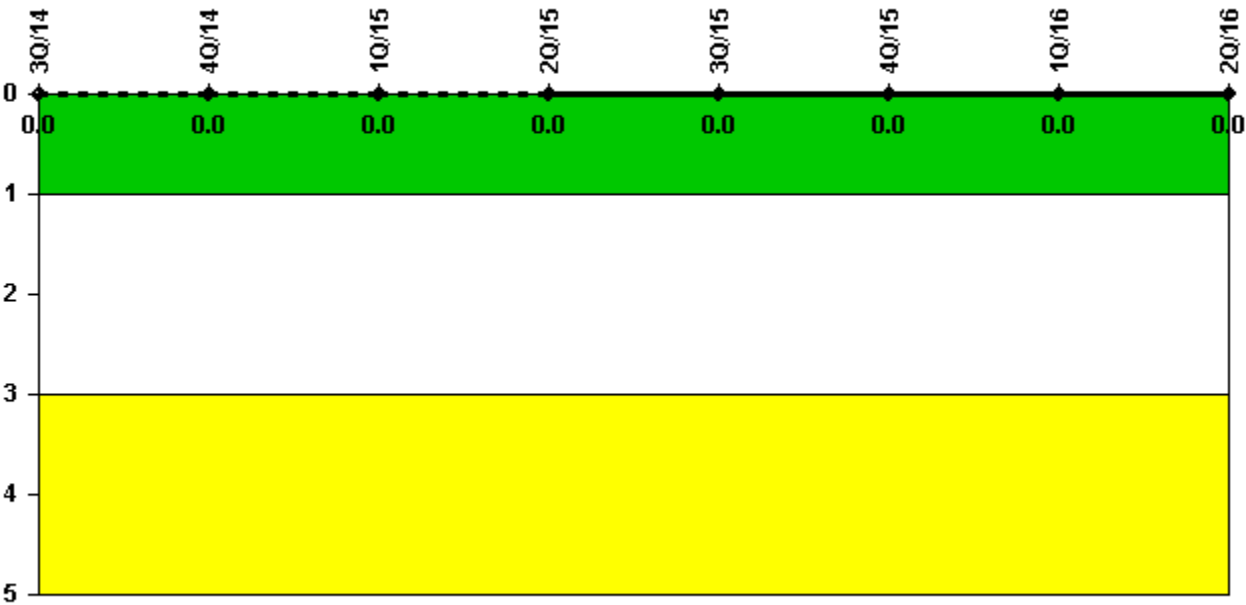
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/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

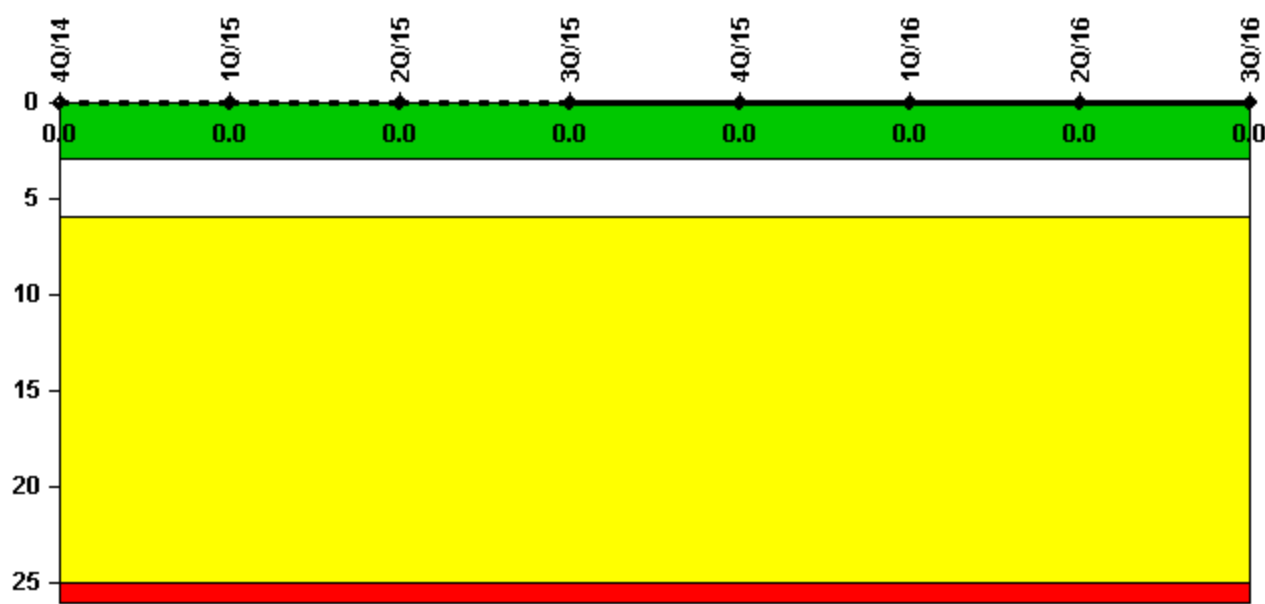
Farley 1

3Q/2016 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



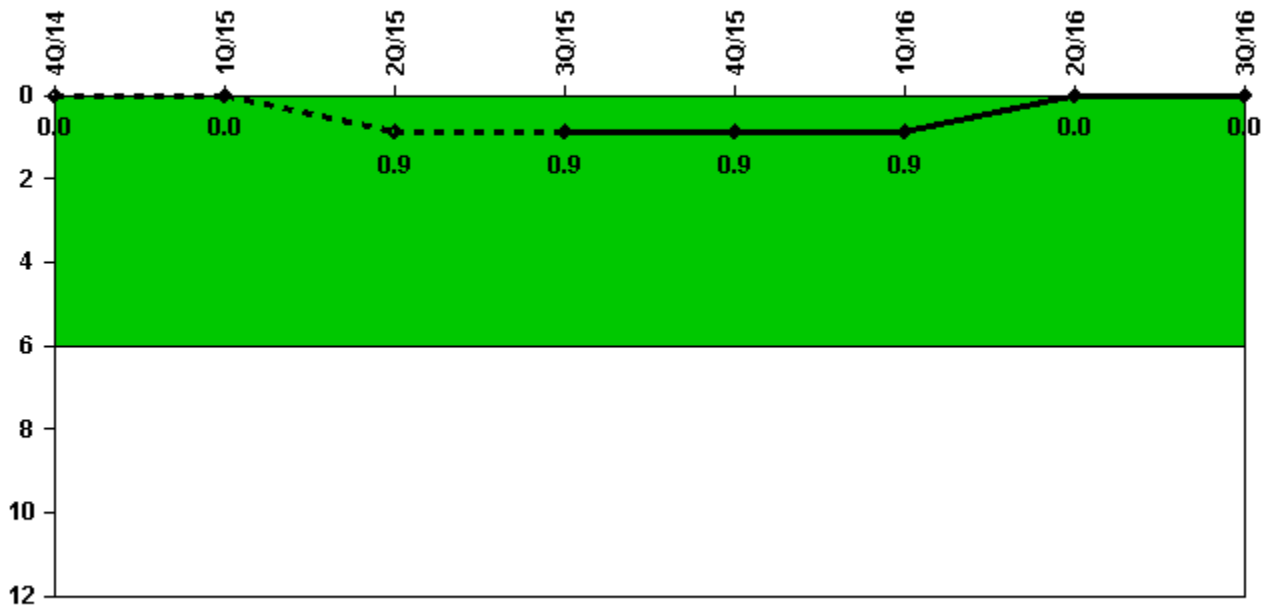
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	2094.7	1256.5	2208.0	2209.0	2183.0	2184.0	2208.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

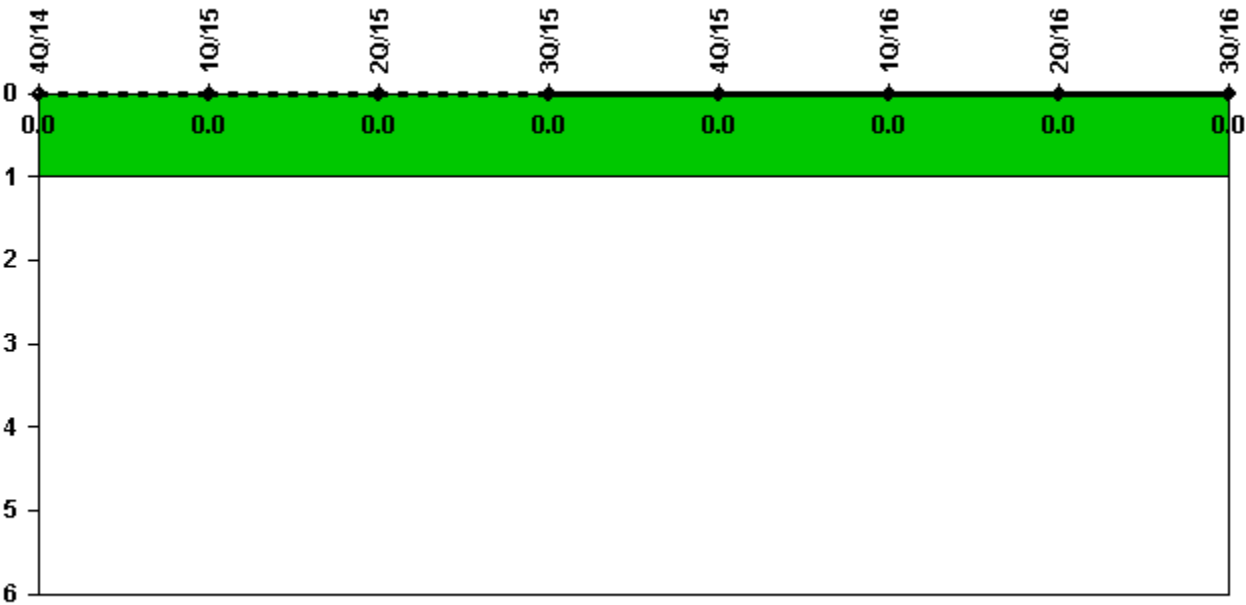
Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Unplanned power changes	0	0	1.0	0	0	0	0	0
Critical hours	2209.0	2094.7	1256.5	2208.0	2209.0	2183.0	2184.0	2208.0
Indicator value	0	0	0.9	0.9	0.9	0.9	0	0

Licensee Comments:

2Q/15: Unplanned losses due to loss of RCP & Turbine Trip

Unplanned Scrams with Complications



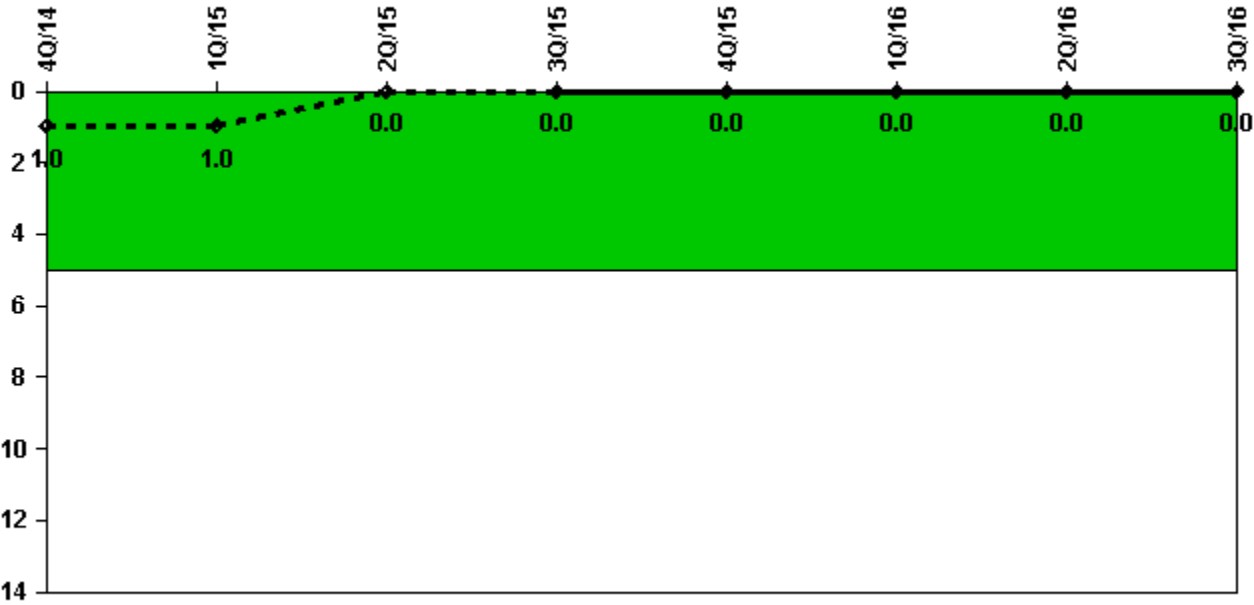
Thresholds: White > 1.0

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)



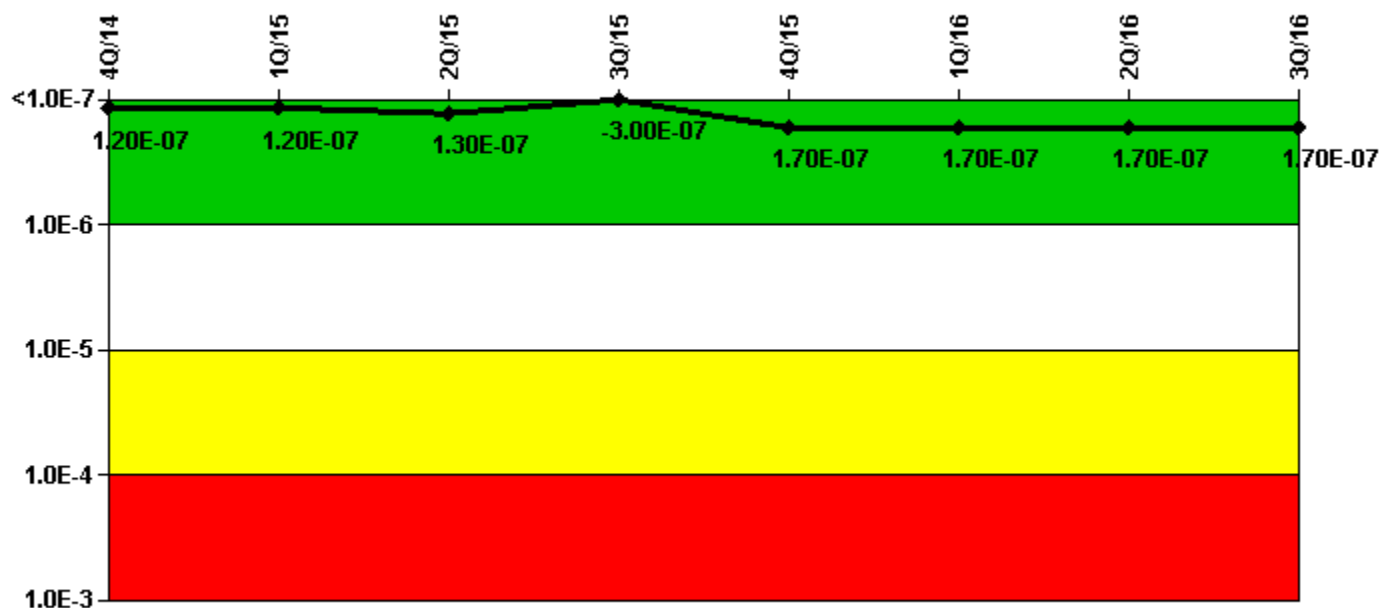
Thresholds: White > 5.0

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
UAI (Δ CDF)	1.20E-07	1.22E-07	1.25E-07	-2.03E-08	-6.37E-09	-6.40E-09	-6.44E-09	-6.49E-09
URI (Δ CDF)	5.68E-10	5.68E-10	5.68E-10	-2.80E-07	1.80E-07	1.80E-07	1.80E-07	1.80E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.20E-07	1.20E-07	1.30E-07	-3.00E-07	1.70E-07	1.70E-07	1.70E-07	1.70E-07

Licensee Comments:

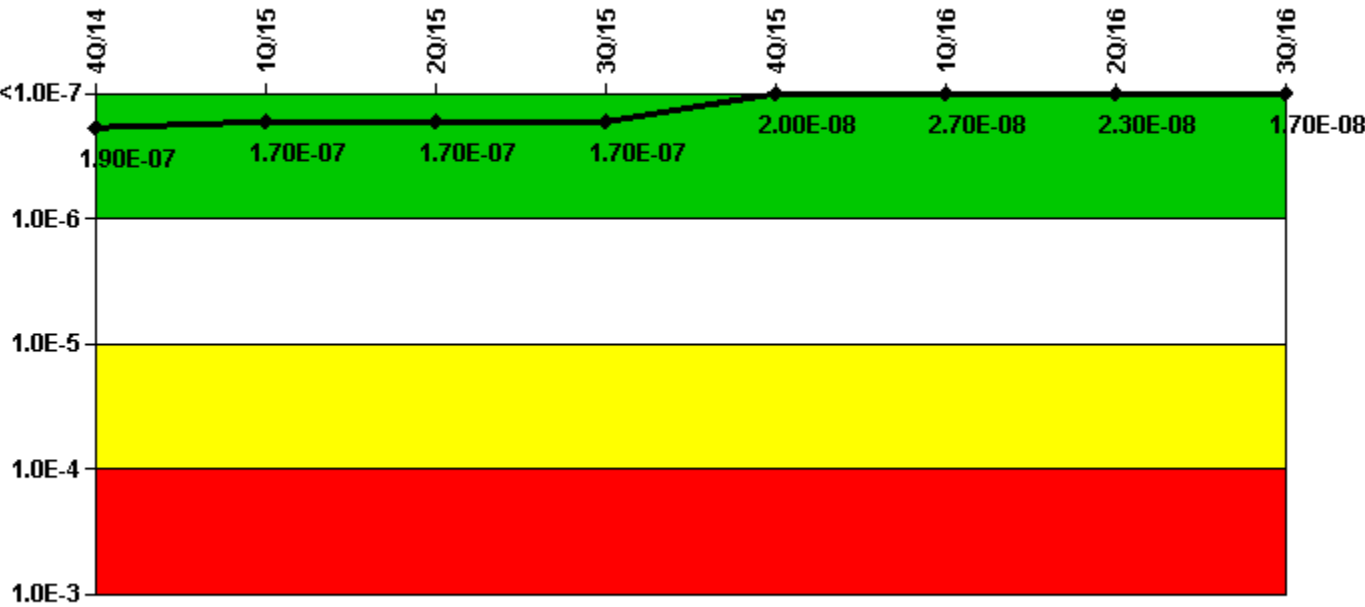
3Q/15: Risk Cap Invoked.

2Q/15: Risk Cap Invoked.

1Q/15: Risk Cap Invoked.

4Q/14: Risk Cap Invoked.

Mitigating Systems Performance Index, High Pressure Injection System



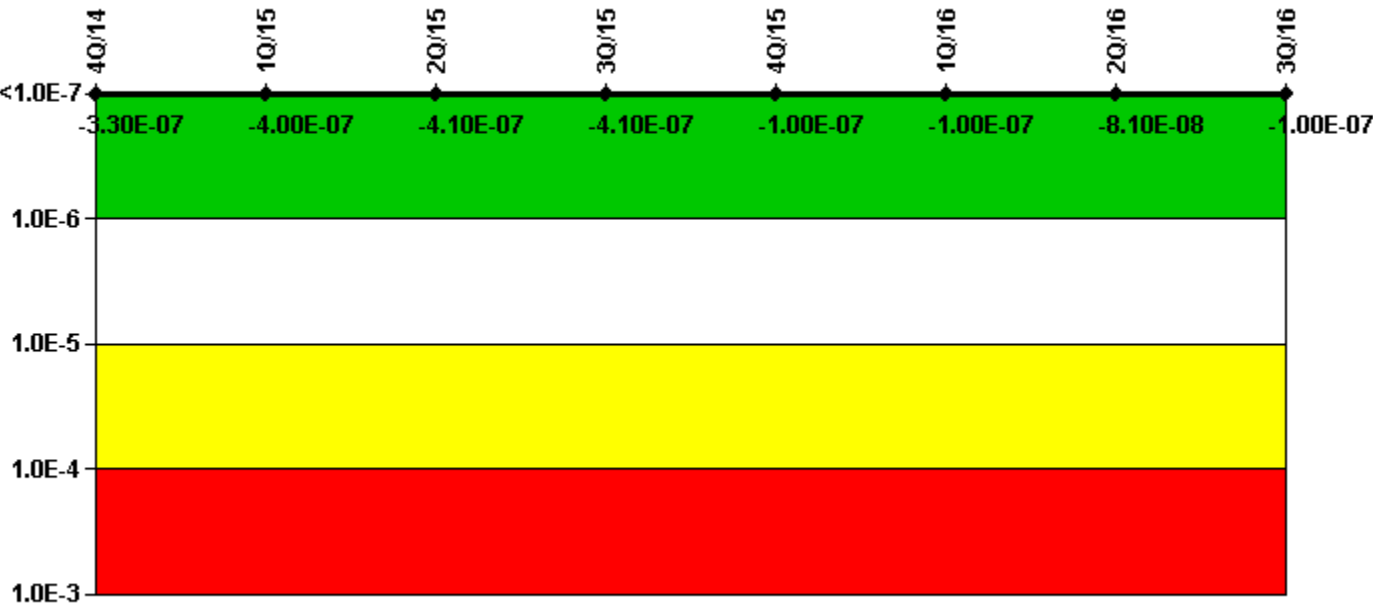
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (ΔCDF)	2.27E-07	2.11E-07	2.05E-07	2.09E-07	2.33E-08	3.00E-08	2.69E-08	2.00E-08
URI (ΔCDF)	-3.78E-08	-3.78E-08	-3.78E-08	-3.78E-08	-3.43E-09	-3.43E-09	-3.43E-09	-3.43E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.90E-07	1.70E-07	1.70E-07	1.70E-07	2.00E-08	2.70E-08	2.30E-08	1.70E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



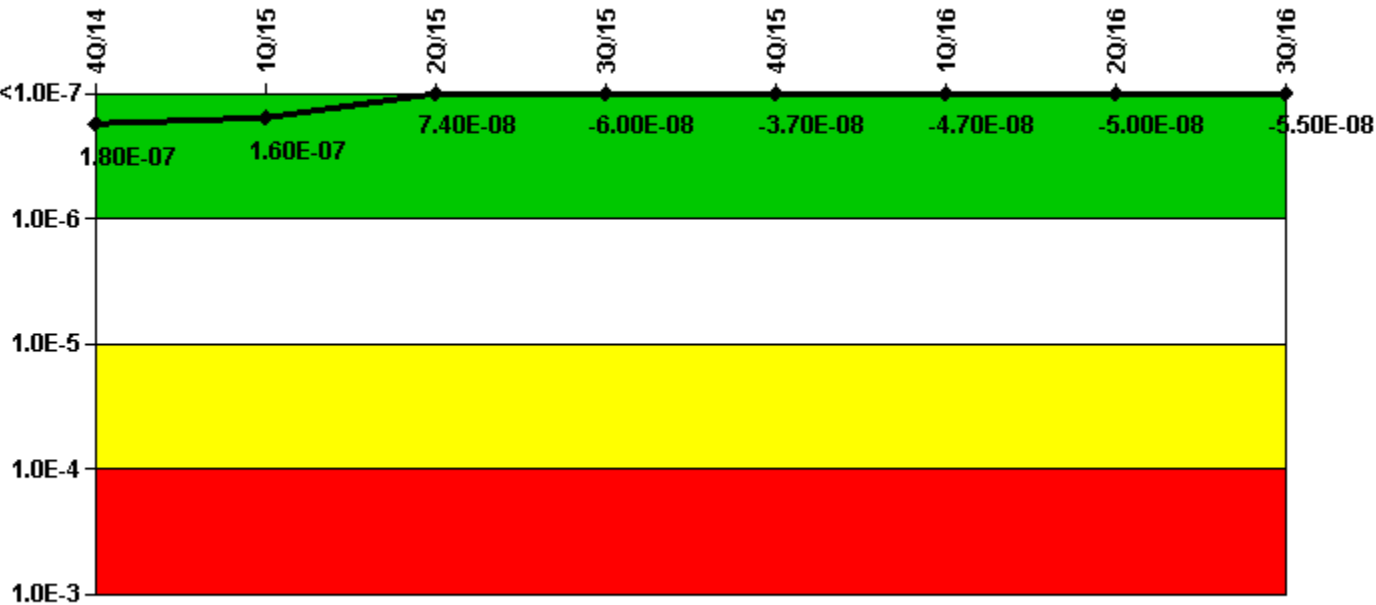
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
UAI (ΔCDF)	6.78E-08	2.08E-09	-8.17E-09	-1.32E-08	-1.97E-08	-2.13E-08	7.01E-11	-1.96E-08
URI (ΔCDF)	-4.00E-07	-4.00E-07	-4.00E-07	-4.00E-07	-8.15E-08	-8.15E-08	-8.15E-08	-8.15E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.30E-07	-4.00E-07	-4.10E-07	-4.10E-07	-1.00E-07	-1.00E-07	-8.10E-08	-1.00E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



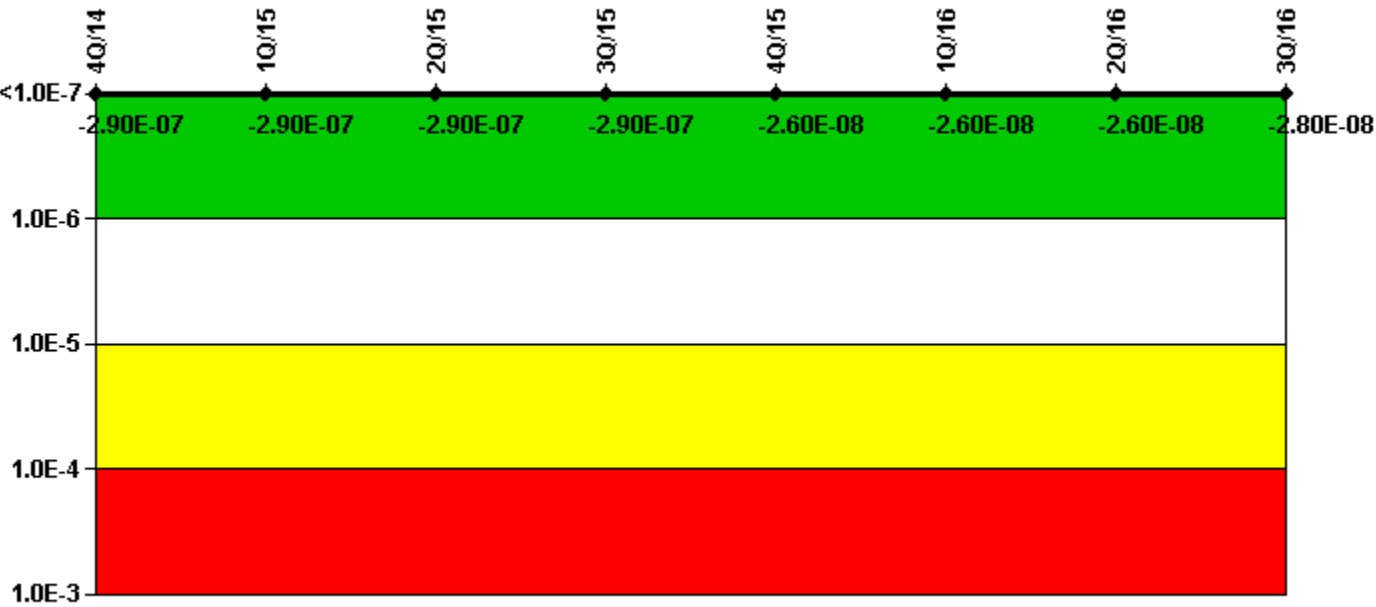
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
UAI (ΔCDF)	4.01E-07	3.83E-07	2.95E-07	1.60E-07	2.92E-08	1.89E-08	1.64E-08	1.10E-08
URI (ΔCDF)	-2.21E-07	-2.21E-07	-2.21E-07	-2.21E-07	-6.59E-08	-6.59E-08	-6.59E-08	-6.59E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.80E-07	1.60E-07	7.40E-08	-6.00E-08	-3.70E-08	-4.70E-08	-5.00E-08	-5.50E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



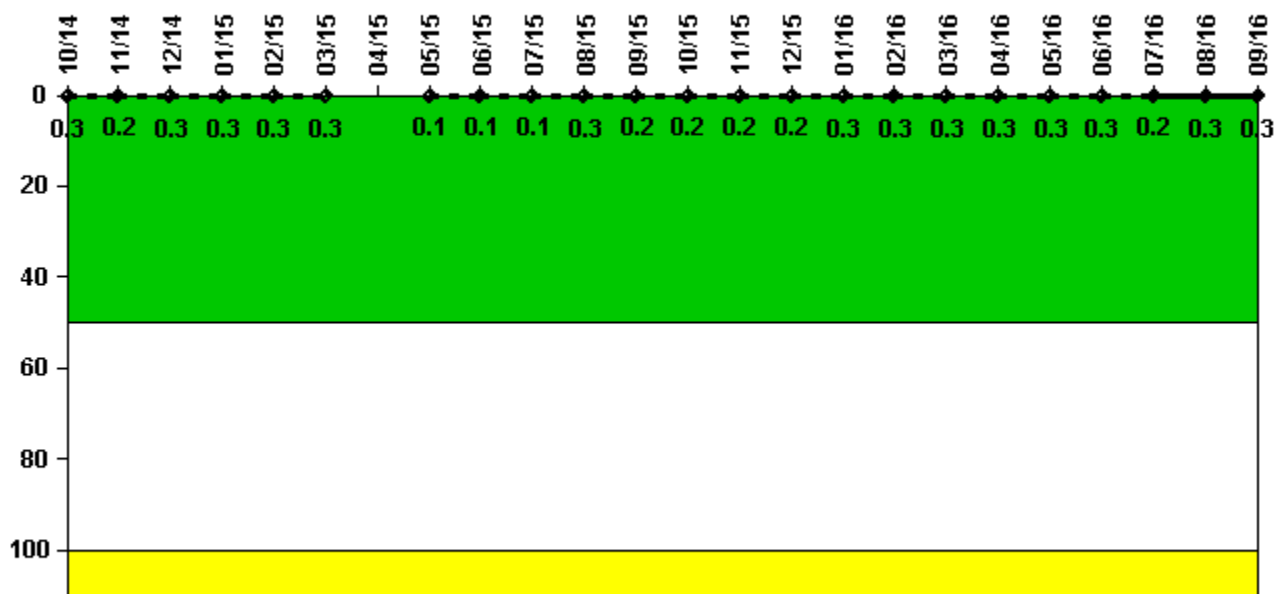
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
UAI (ΔCDF)	2.02E-08	2.01E-08	1.95E-08	2.48E-08	5.80E-09	5.18E-09	5.35E-09	3.10E-09
URI (ΔCDF)	-3.13E-07	-3.13E-07	-3.13E-07	-3.13E-07	-3.15E-08	-3.15E-08	-3.15E-08	-3.15E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.90E-07	-2.90E-07	-2.90E-07	-2.90E-07	-2.60E-08	-2.60E-08	-2.60E-08	-2.80E-08

Licensee Comments: none

Reactor Coolant System Activity



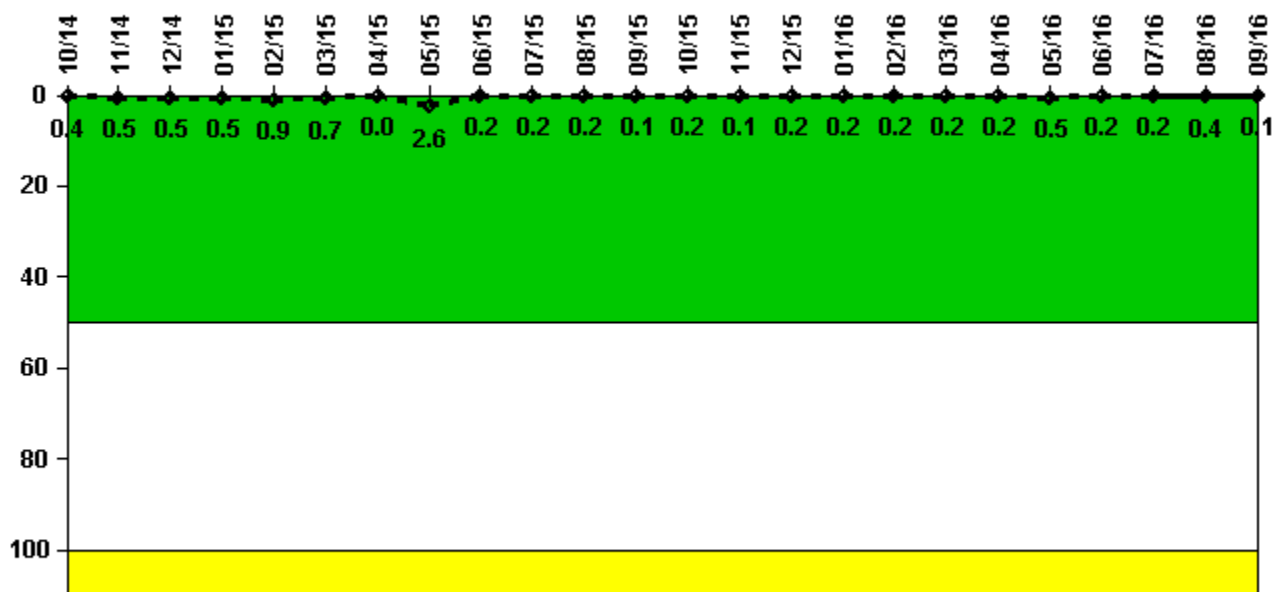
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/14	11/14	12/14	1/15	2/15	3/15	4/15	5/15	6/15	7/15	8/15	9/15
Maximum activity	0.001430	0.001160	0.001300	0.001560	0.001580	0.001250	N/A	0.000464	0.000705	0.000740	0.001610	0.000944
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.3	0.2	0.3	0.3	0.3	0.3	N/A	0.1	0.1	0.1	0.3	0.2
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	0.000935	0.001020	0.001040	0.001330	0.001360	0.001390	0.001330	0.001410	0.001490	0.001230	0.001380	0.001460
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.3	0.3

Licensee Comments: none

Reactor Coolant System Leakage



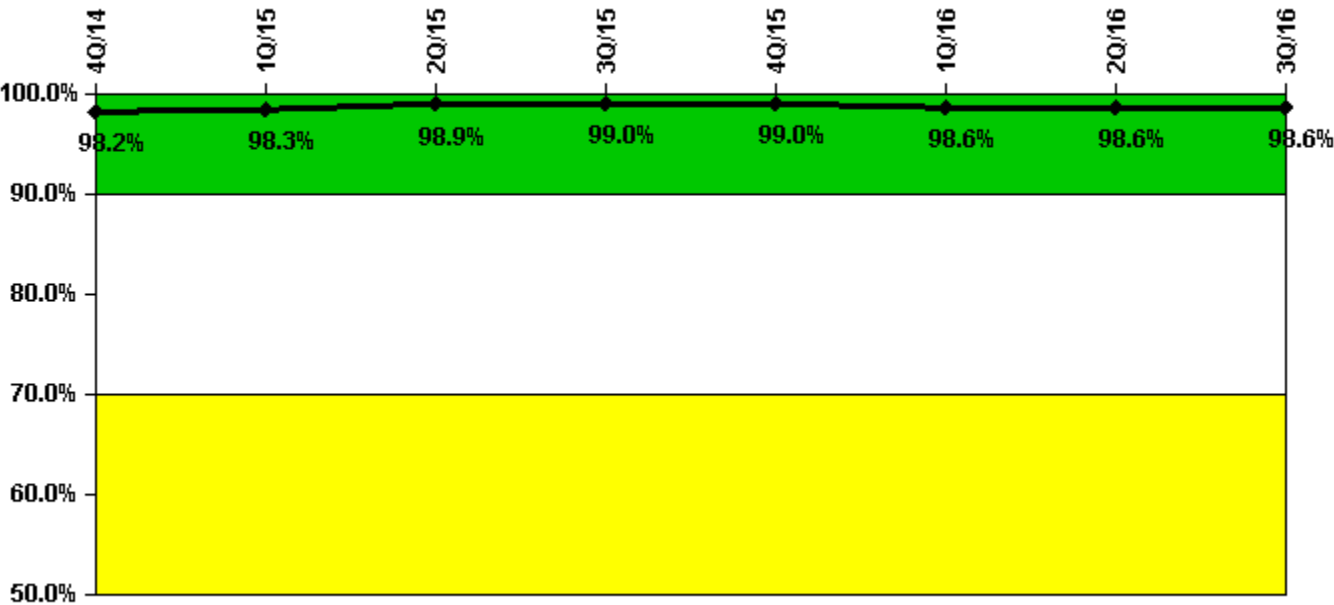
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	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	0.043	0.050	0.045	0.048	0.085	0.068	0	0.264	0.024	0.022	0.015	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	0.4	0.5	0.5	0.5	0.9	0.7	0	2.6	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	0.018	0.013	0.017	0.016	0.020	0.020	0.018	0.050	0.019	0.016	0.036	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	0.1	0.2	0.2	0.2	0.2	0.2	0.5	0.2	0.2	0.4	0.1

Licensee Comments: none

Drill/Exercise Performance



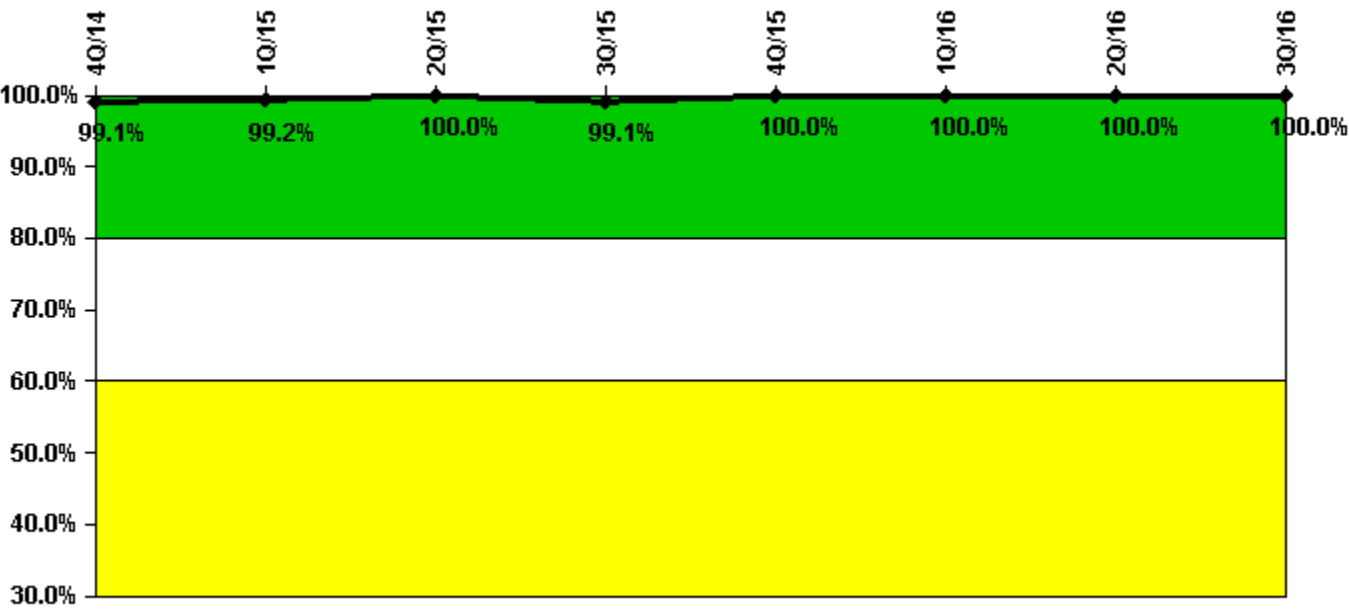
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Successful opportunities	20.0	63.0	22.0	59.0	22.0	82.0	39.0	37.0
Total opportunities	20.0	63.0	23.0	59.0	22.0	85.0	40.0	37.0
Indicator value	98.2%	98.3%	98.9%	99.0%	99.0%	98.6%	98.6%	98.6%

Licensee Comments: none

ERO Drill Participation



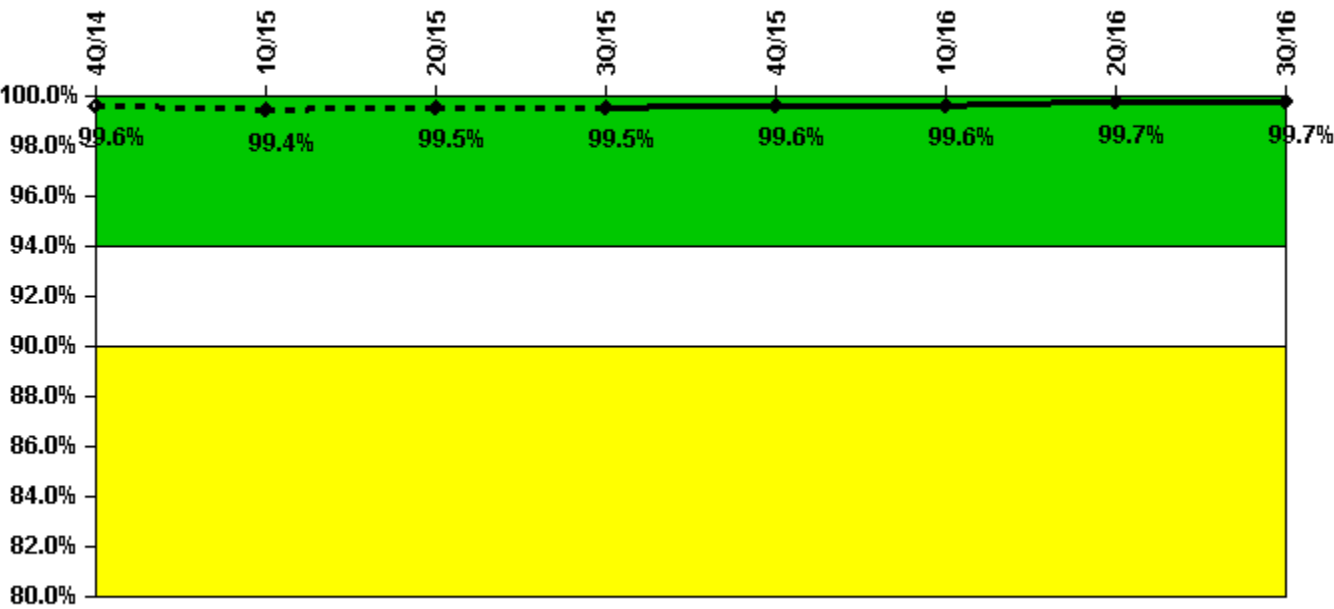
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Participating Key personnel	114.0	118.0	115.0	114.0	120.0	120.0	116.0	120.0
Total Key personnel	115.0	119.0	115.0	115.0	120.0	120.0	116.0	120.0
Indicator value	99.1%	99.2%	100.0%	99.1%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



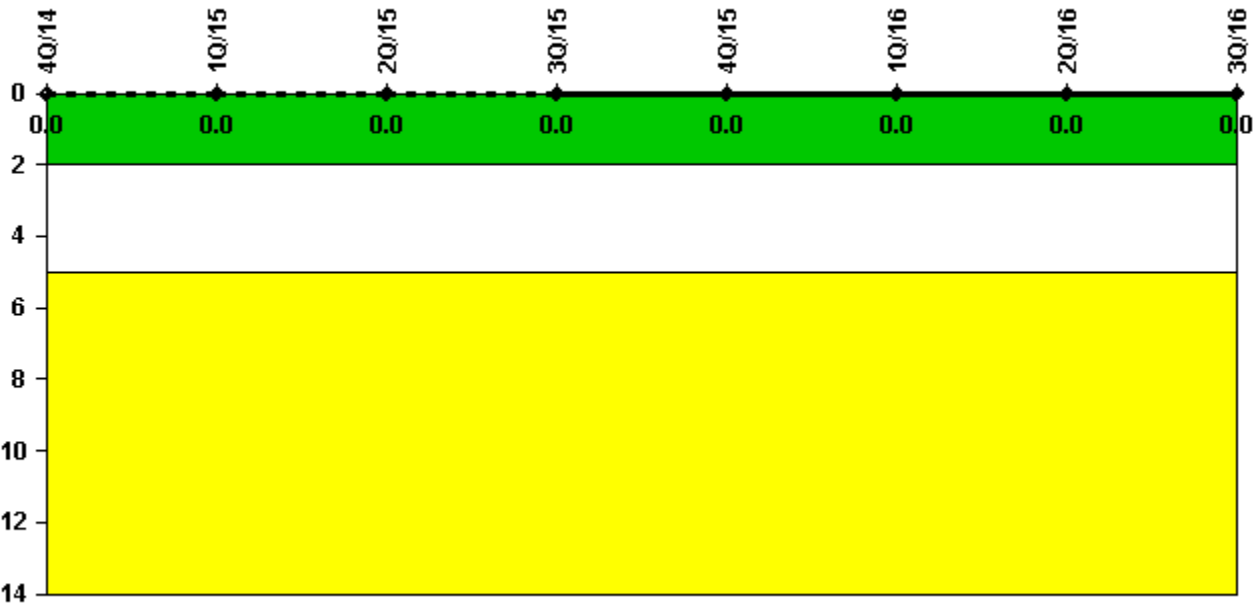
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Successful siren-tests	1151	1148	1154	1150	1244	1152	1157	1152
Total sirens-tests	1157	1157	1157	1157	1246	1157	1157	1157
Indicator value	99.6%	99.4%	99.5%	99.5%	99.6%	99.6%	99.7%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



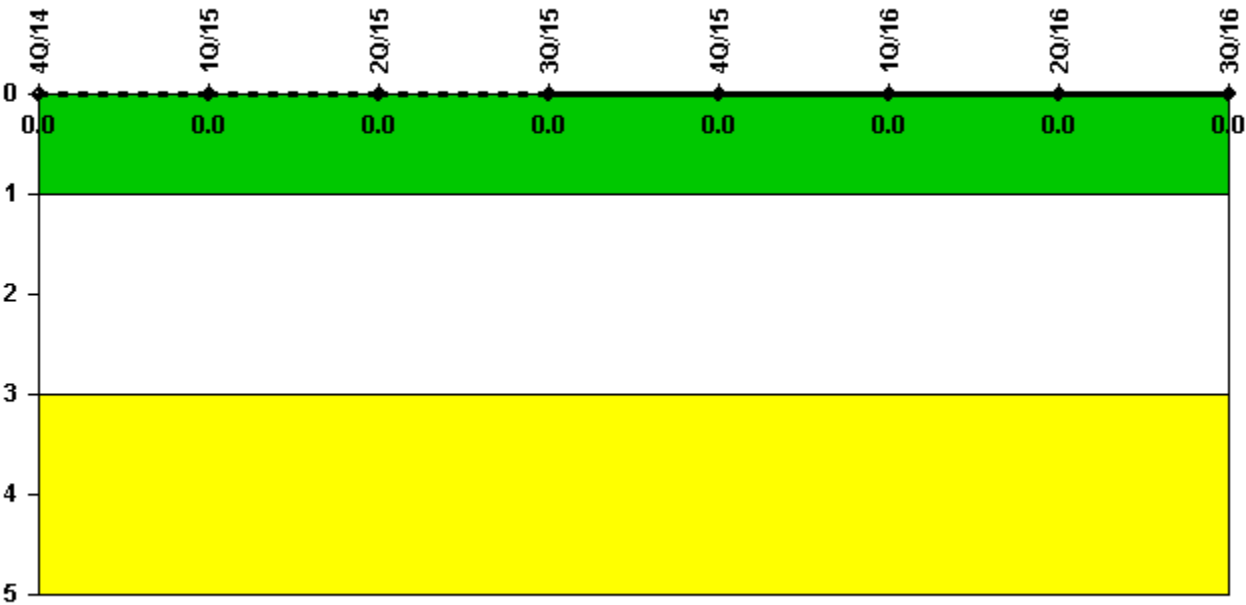
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/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

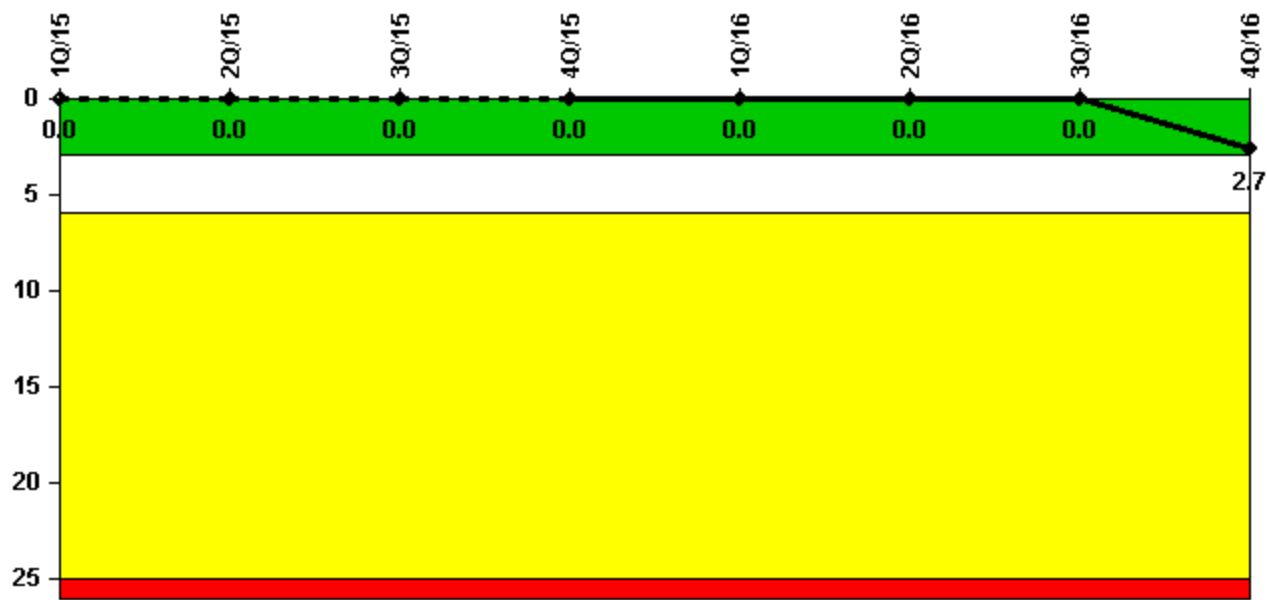
Farley 1

4Q/2016 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



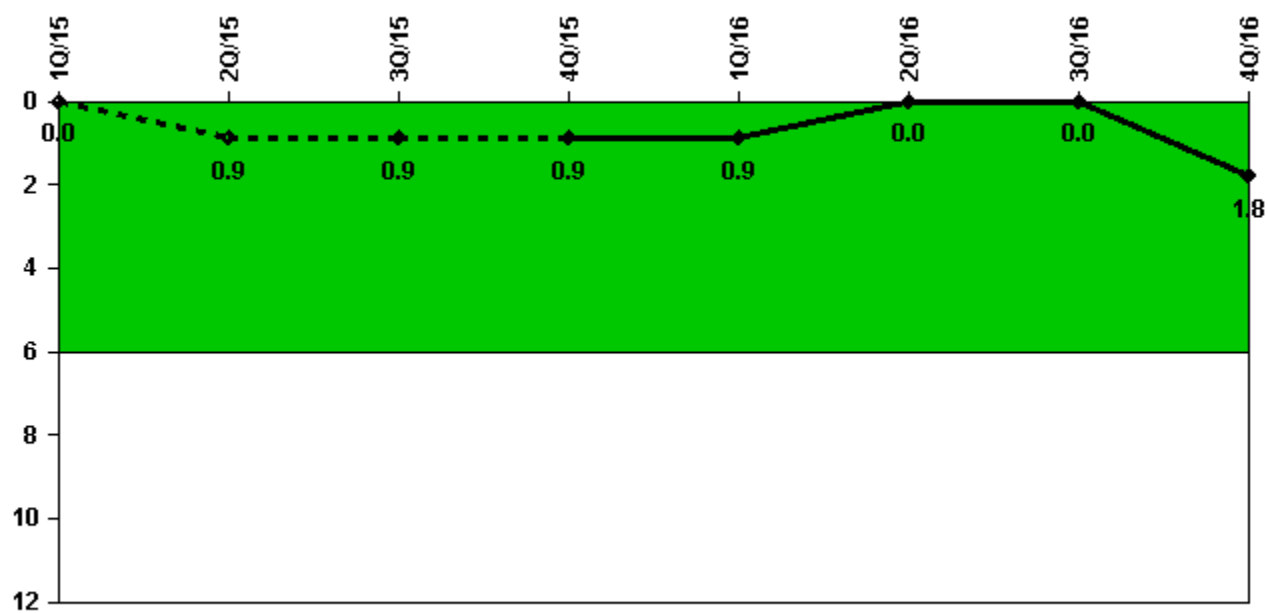
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	3.0
Critical hours	2094.7	1256.5	2208.0	2209.0	2183.0	2184.0	2208.0	1182.5
Indicator value	0	0	0	0	0	0	0	2.7

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

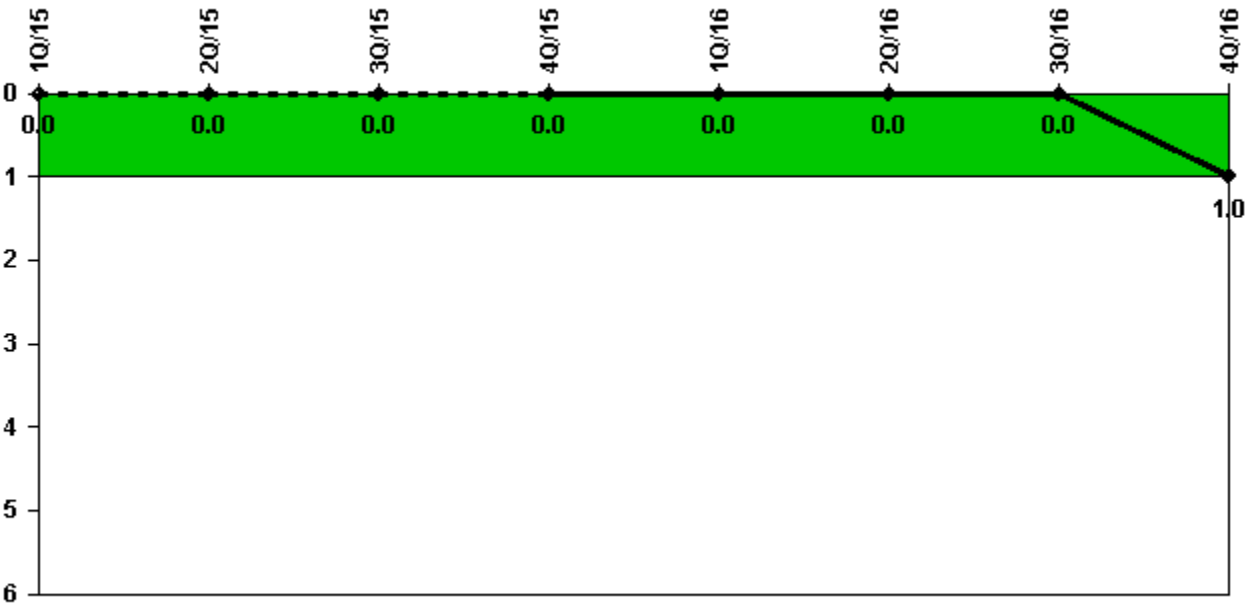
Notes

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	1.0	0	0	0	0	0	2.0
Critical hours	2094.7	1256.5	2208.0	2209.0	2183.0	2184.0	2208.0	1182.5
Indicator value	0	0.9	0.9	0.9	0.9	0	0	1.8

Licensee Comments:

2Q/15: Unplanned losses due to loss of RCP & Turbine Trip

Unplanned Scrams with Complications



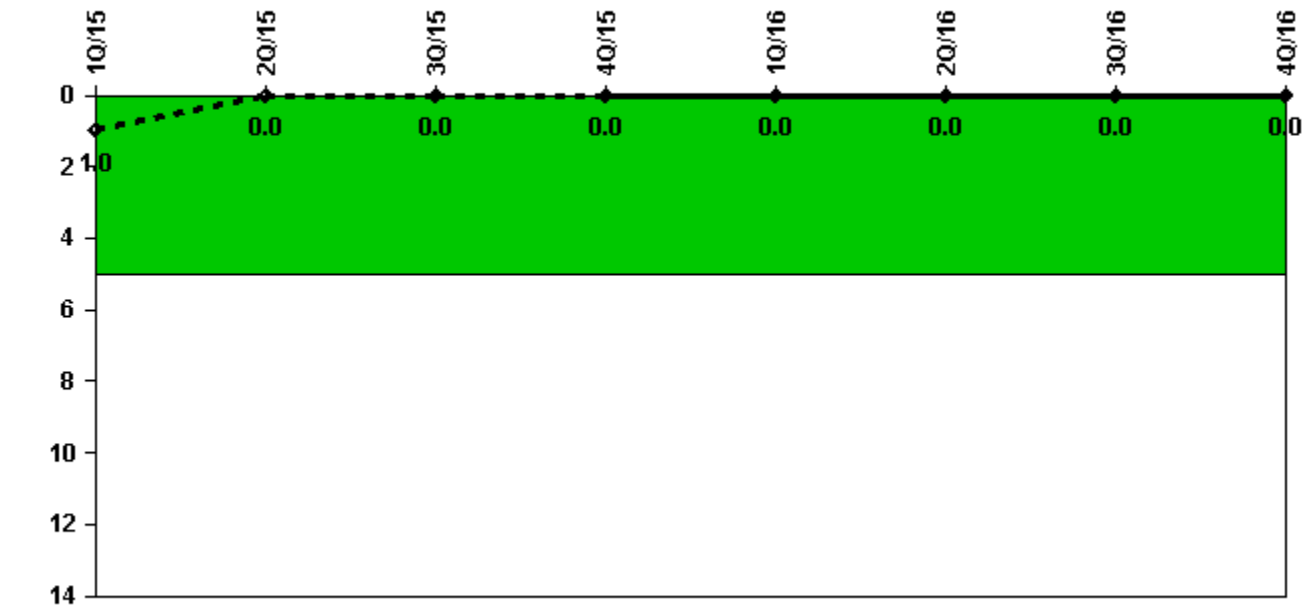
Thresholds: White > 1.0

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)



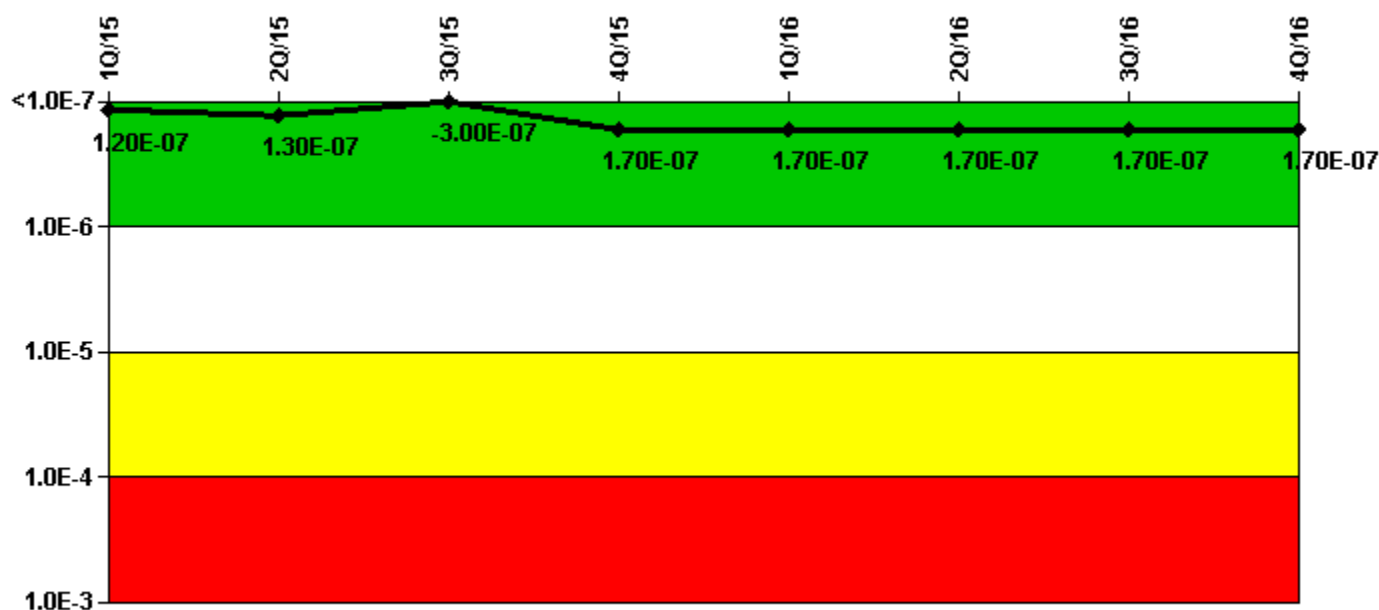
Thresholds: White > 5.0

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	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	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
UAI (Δ CDF)	1.22E-07	1.25E-07	-2.03E-08	-6.37E-09	-6.40E-09	-6.44E-09	-6.49E-09	-1.41E-08
URI (Δ CDF)	5.68E-10	5.68E-10	-2.80E-07	1.80E-07	1.80E-07	1.80E-07	1.80E-07	1.88E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.20E-07	1.30E-07	-3.00E-07	1.70E-07	1.70E-07	1.70E-07	1.70E-07	1.70E-07

Licensee Comments:

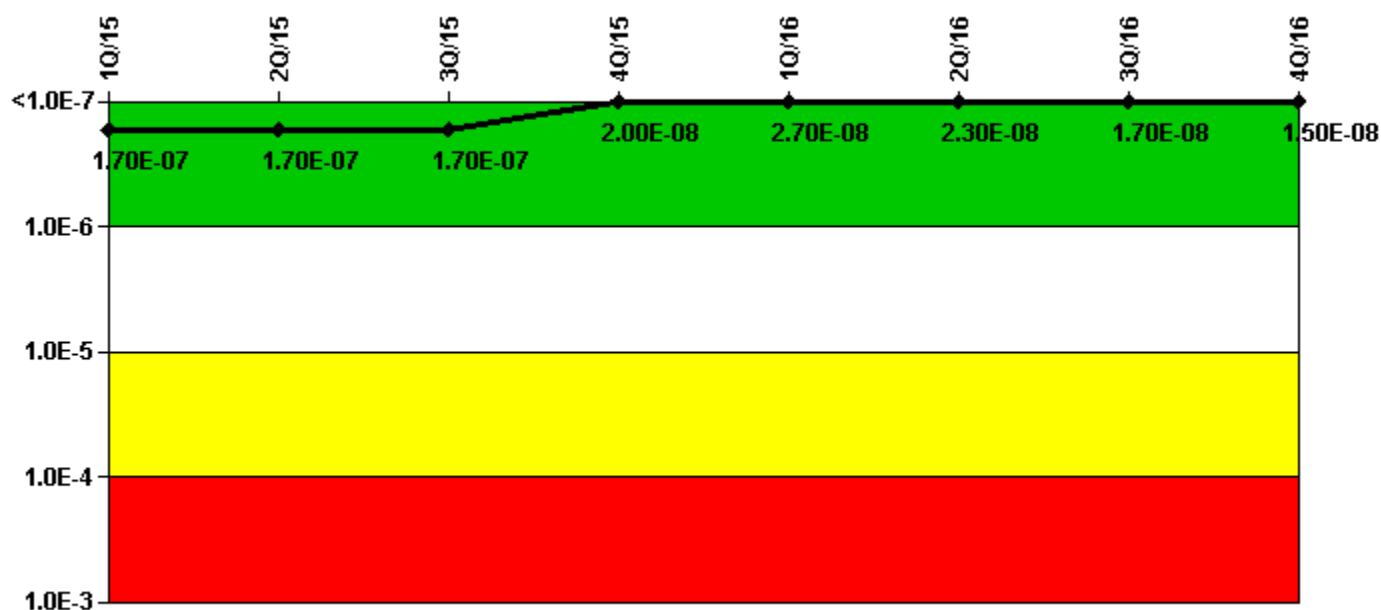
4Q/16: Changed PRA Parameter(s).

3Q/15: Risk Cap Invoked.

2Q/15: Risk Cap Invoked.

1Q/15: Risk Cap Invoked.

Mitigating Systems Performance Index, High Pressure Injection System



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

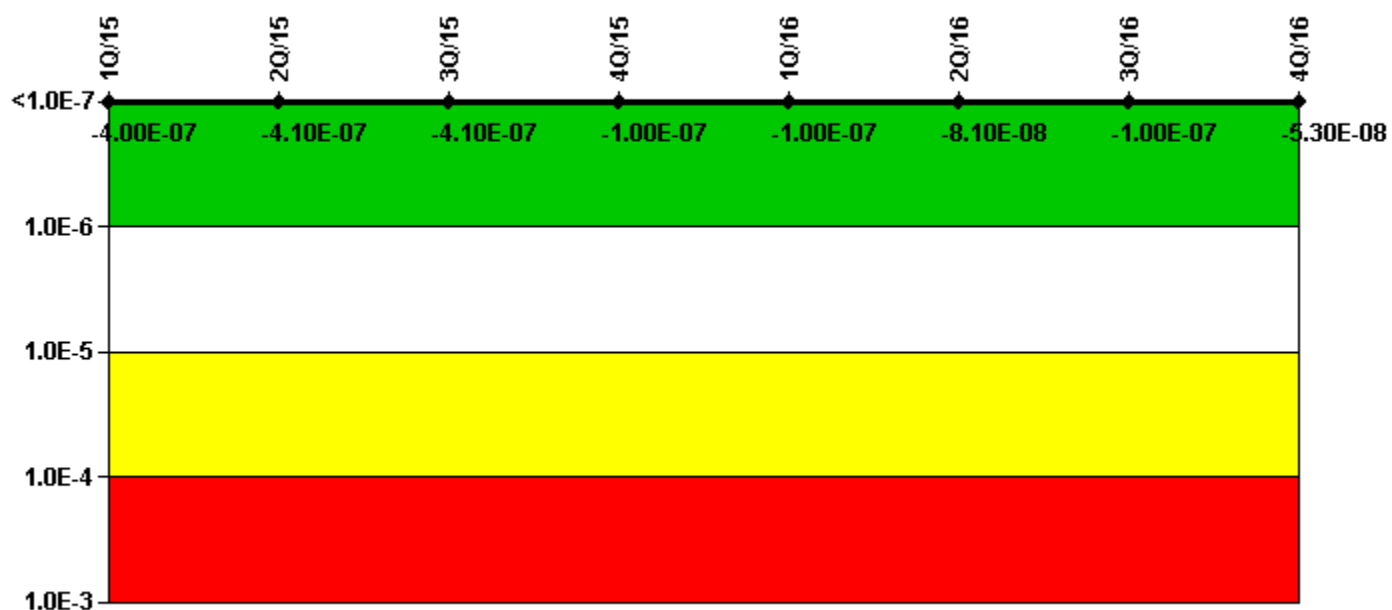
Notes

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)	2.11E-07	2.05E-07	2.09E-07	2.33E-08	3.00E-08	2.69E-08	2.00E-08	1.82E-08
URI (Δ CDF)	-3.78E-08	-3.78E-08	-3.78E-08	-3.43E-09	-3.43E-09	-3.43E-09	-3.43E-09	-3.56E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.70E-07	1.70E-07	1.70E-07	2.00E-08	2.70E-08	2.30E-08	1.70E-08	1.50E-08

Licensee Comments:

4Q/16: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



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

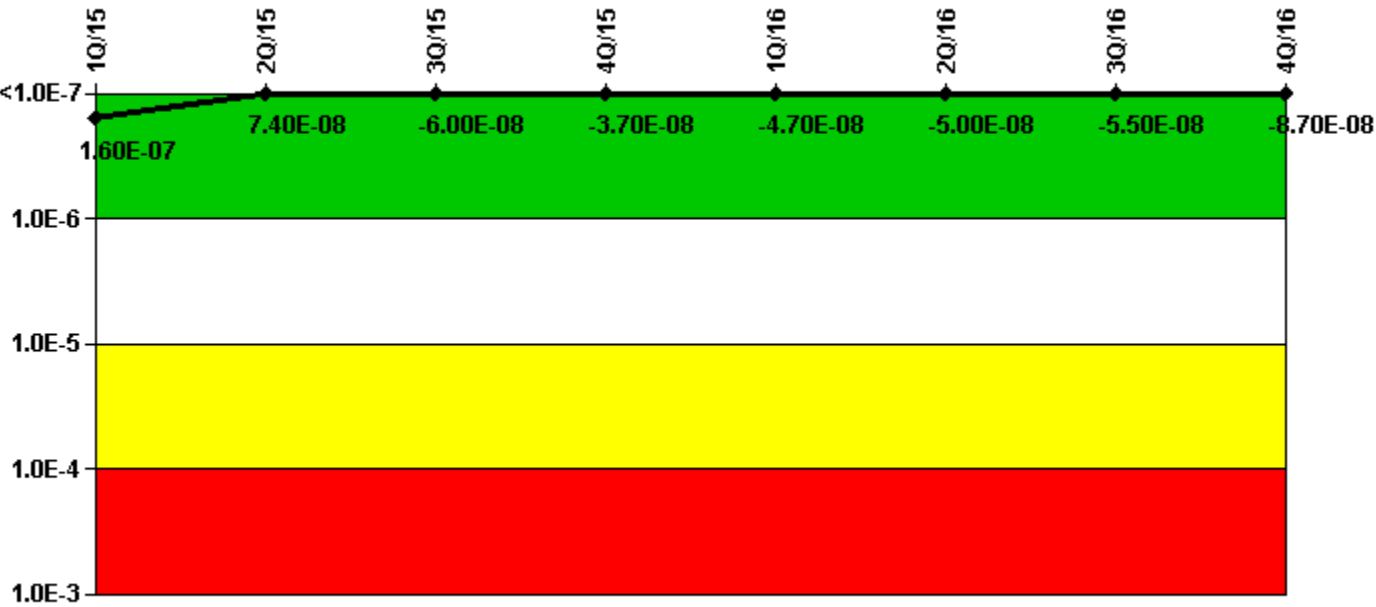
Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
UAI (Δ CDF)	2.08E-09	-8.17E-09	-1.32E-08	-1.97E-08	-2.13E-08	7.01E-11	-1.96E-08	-1.68E-08
URI (Δ CDF)	-4.00E-07	-4.00E-07	-4.00E-07	-8.15E-08	-8.15E-08	-8.15E-08	-8.15E-08	-3.59E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.00E-07	-4.10E-07	-4.10E-07	-1.00E-07	-1.00E-07	-8.10E-08	-1.00E-07	-5.30E-08

Licensee Comments:

4Q/16: 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

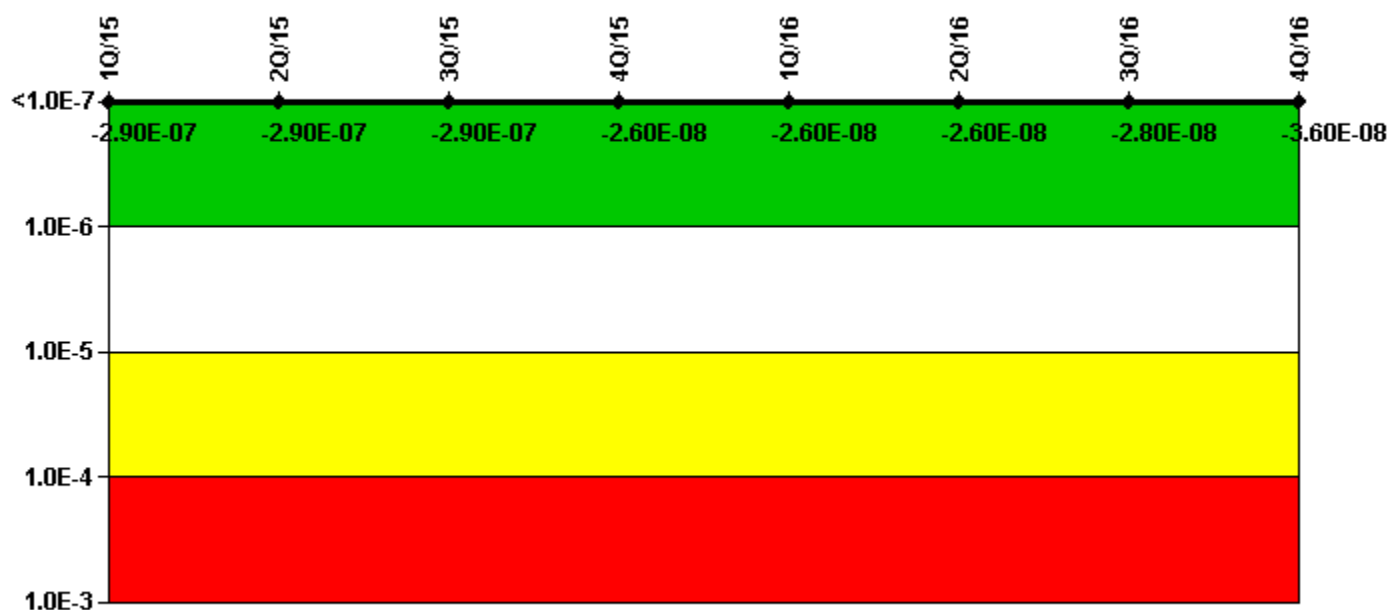
Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
UAI (ΔCDF)	3.83E-07	2.95E-07	1.60E-07	2.92E-08	1.89E-08	1.64E-08	1.10E-08	-1.33E-08
URI (ΔCDF)	-2.21E-07	-2.21E-07	-2.21E-07	-6.59E-08	-6.59E-08	-6.59E-08	-6.59E-08	-7.34E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.60E-07	7.40E-08	-6.00E-08	-3.70E-08	-4.70E-08	-5.00E-08	-5.50E-08	-8.70E-08

Licensee Comments:

4Q/16: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



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

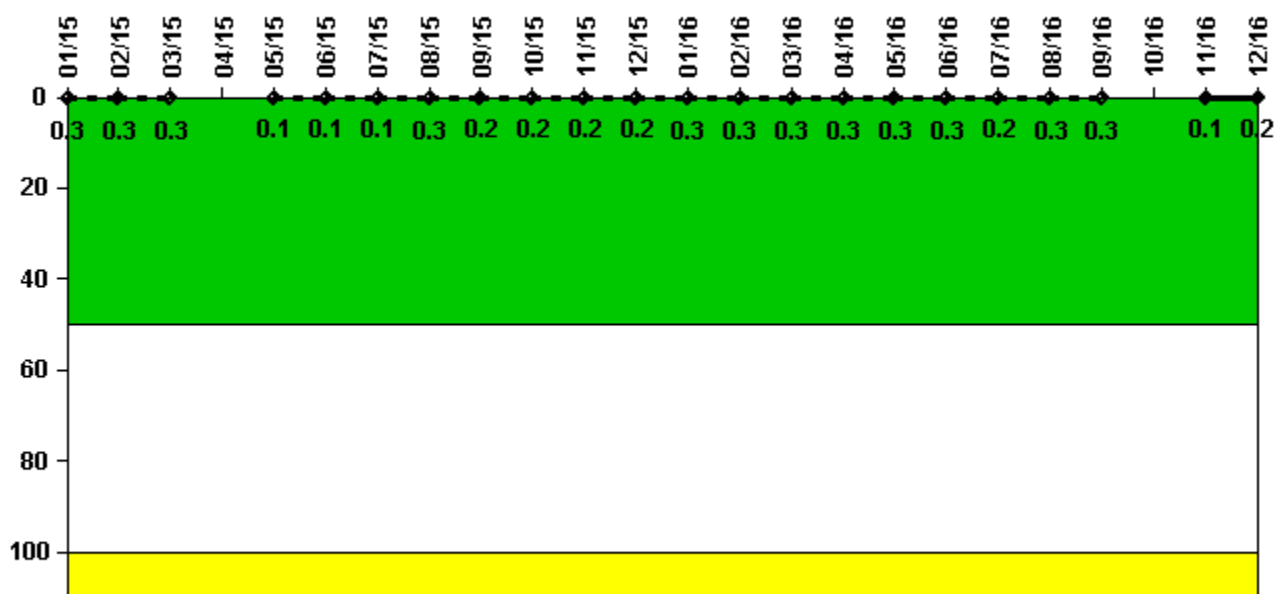
Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
UAI (Δ CDF)	2.01E-08	1.95E-08	2.48E-08	5.80E-09	5.18E-09	5.35E-09	3.10E-09	2.36E-09
URI (Δ CDF)	-3.13E-07	-3.13E-07	-3.13E-07	-3.15E-08	-3.15E-08	-3.15E-08	-3.15E-08	-3.83E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.90E-07	-2.90E-07	-2.90E-07	-2.60E-08	-2.60E-08	-2.60E-08	-2.80E-08	-3.60E-08

Licensee Comments:

4Q/16: Changed PRA Parameter(s).

Reactor Coolant System Activity



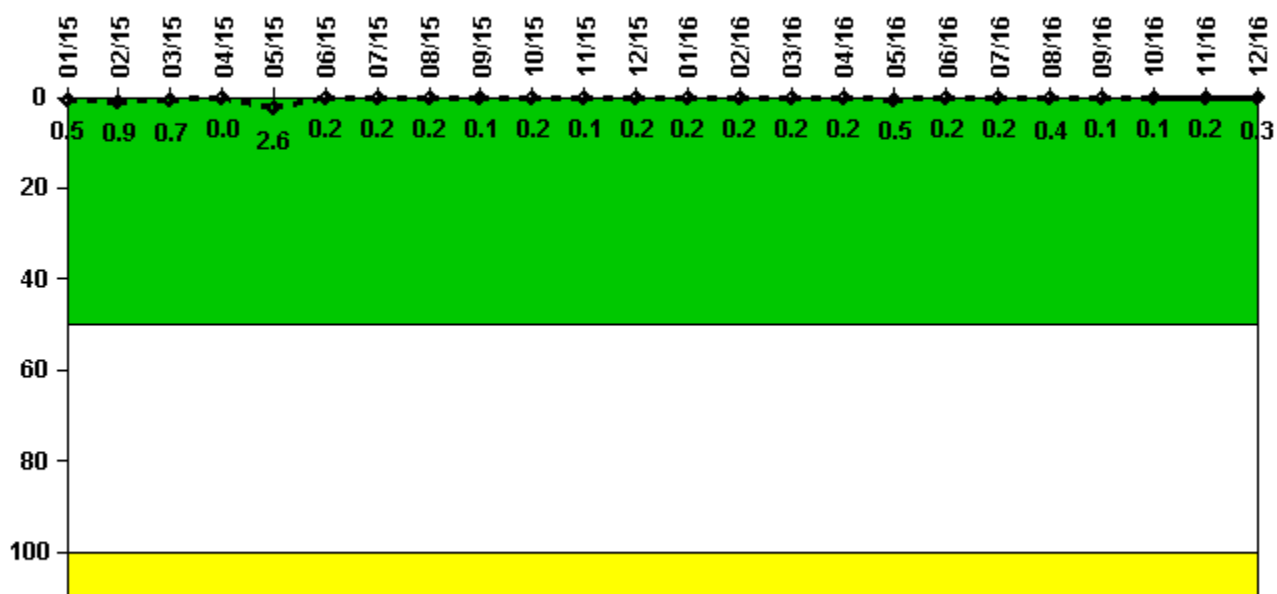
Thresholds: White > 50.0 Yellow > 100.0

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	0.001560	0.001580	0.001250	N/A	0.000464	0.000705	0.000740	0.001610	0.000944	0.000935	0.001020	0.001040
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.3	0.3	0.3	N/A	0.1	0.1	0.1	0.3	0.2	0.2	0.2	0.2
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	0.001330	0.001360	0.001390	0.001330	0.001410	0.001490	0.001230	0.001380	0.001460	N/A	0.000745	0.000801
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.3	0.3	N/A	0.1	0.2

Licensee Comments: none

Reactor Coolant System Leakage



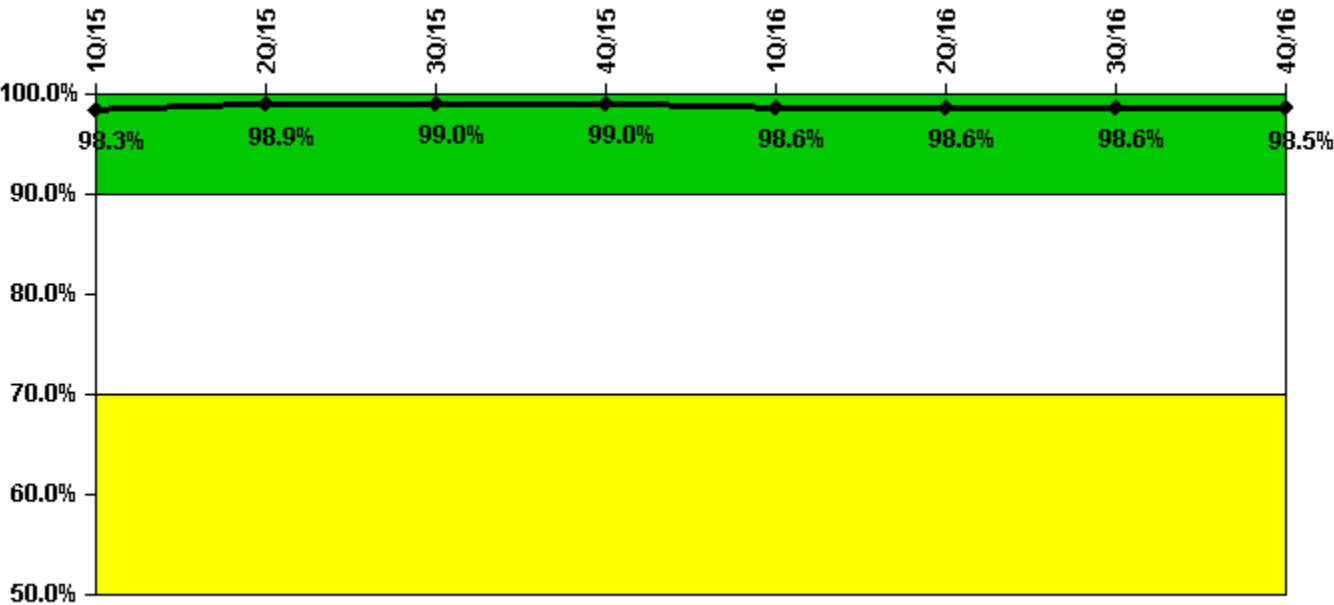
Thresholds: White > 50.0 Yellow > 100.0

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	0.048	0.085	0.068	0	0.264	0.024	0.022	0.015	0.013	0.018	0.013	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	0.5	0.9	0.7	0	2.6	0.2	0.2	0.2	0.1	0.2	0.1	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	0.016	0.020	0.020	0.018	0.050	0.019	0.016	0.036	0.013	0.014	0.023	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	0.5	0.2	0.2	0.4	0.1	0.1	0.2	0.3

Licensee Comments: none

Drill/Exercise Performance



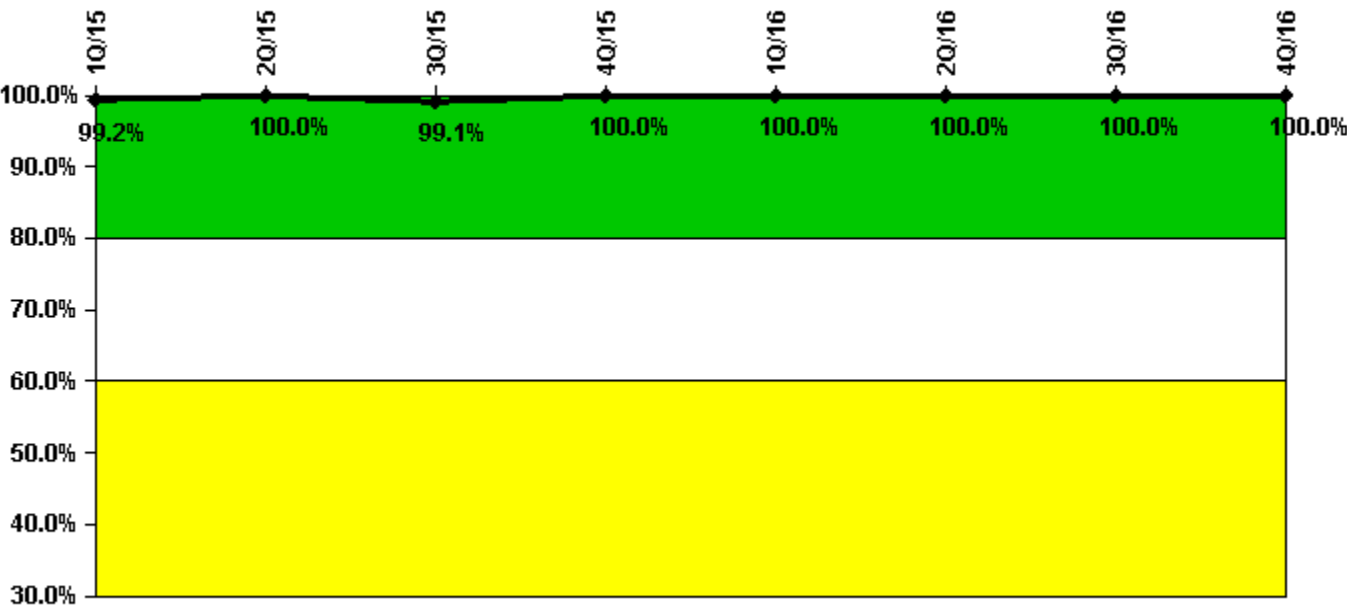
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Successful opportunities	63.0	22.0	59.0	22.0	82.0	39.0	37.0	6.0
Total opportunities	63.0	23.0	59.0	22.0	85.0	40.0	37.0	6.0
Indicator value	98.3%	98.9%	99.0%	99.0%	98.6%	98.6%	98.6%	98.5%

Licensee Comments: none

ERO Drill Participation



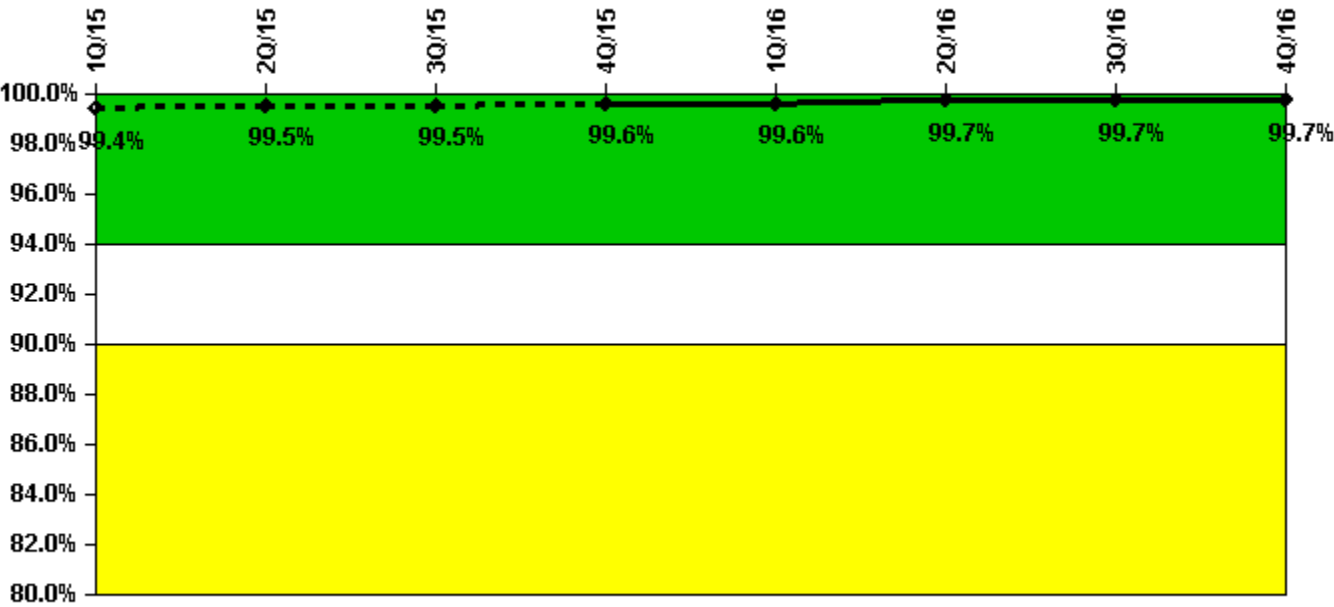
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Participating Key personnel	118.0	115.0	114.0	120.0	120.0	116.0	120.0	121.0
Total Key personnel	119.0	115.0	115.0	120.0	120.0	116.0	120.0	121.0
Indicator value	99.2%	100.0%	99.1%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



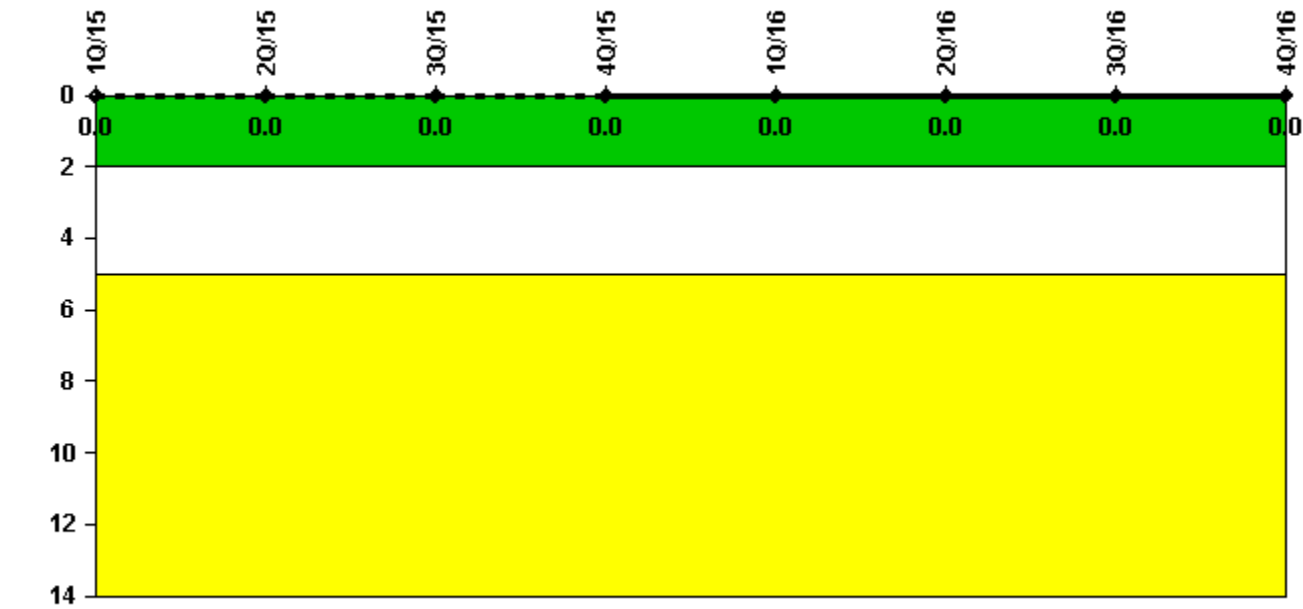
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Successful siren-tests	1148	1154	1150	1244	1152	1157	1152	1244
Total sirens-tests	1157	1157	1157	1246	1157	1157	1157	1246
Indicator value	99.4%	99.5%	99.5%	99.6%	99.6%	99.7%	99.7%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



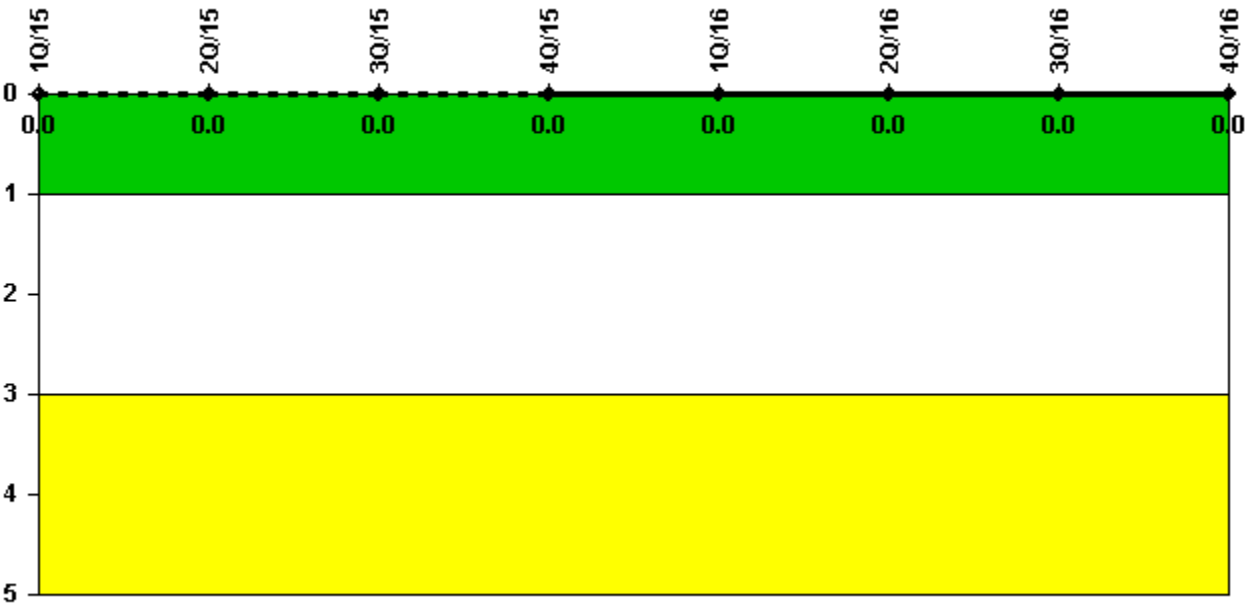
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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



Home > Nuclear Reactors > Operating Reactors > Reactor Oversight Process > Plant Summaries> Farley 1 > Quarterly Performance Indicators

Farley 1 – Quarterly Performance Indicators

1Q/2017 Performance Indicators

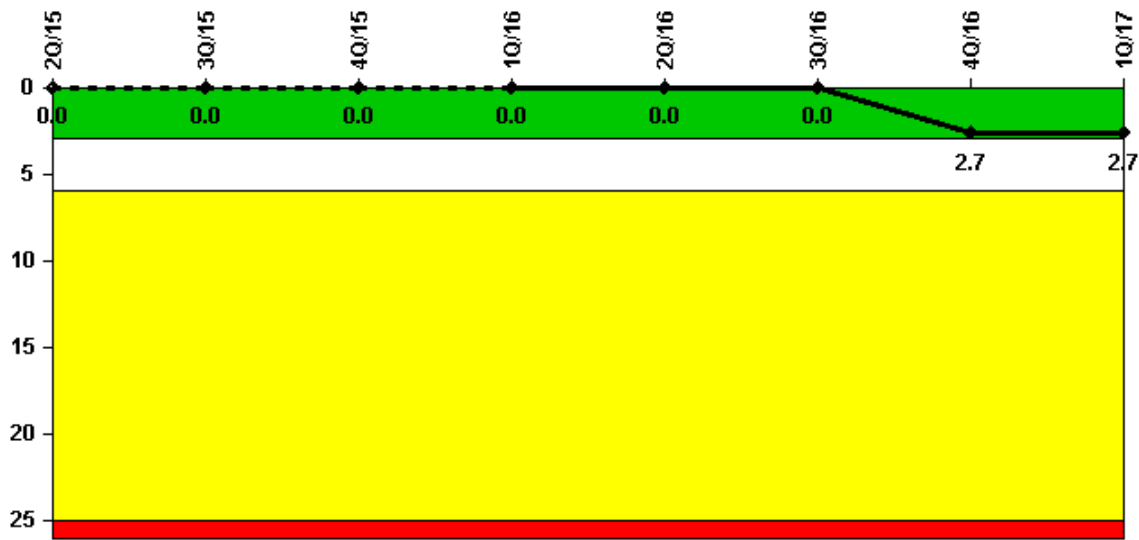
The solid trend line represents the current reporting period.

Licensee's General Comments: Wrong data was entered for 2016Q1 but corrected in 2017Q1. This change does not impact current color.

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

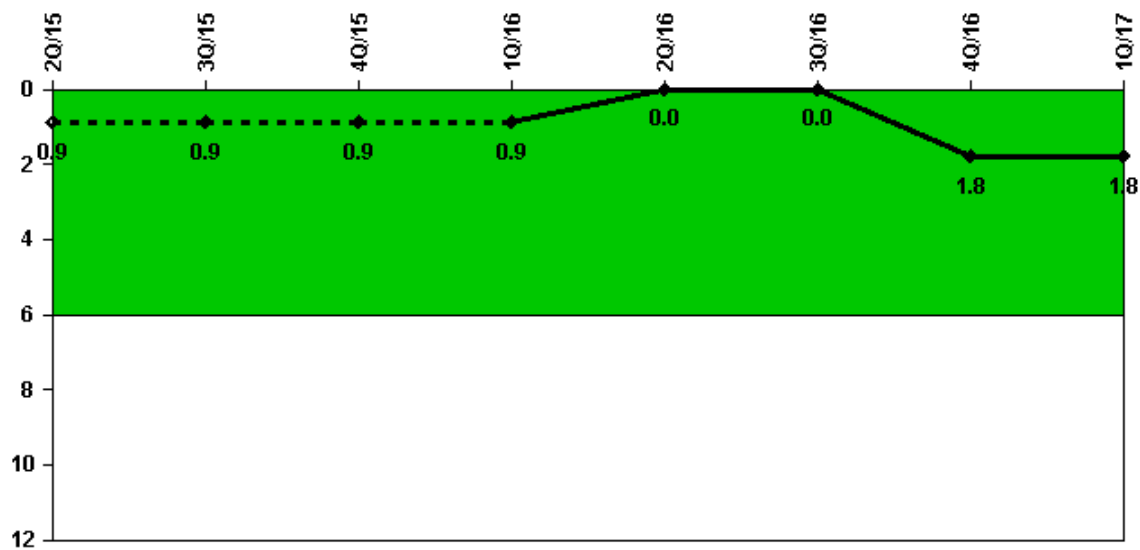
Notes

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	3.0	0
Critical hours	1256.5	2208.0	2209.0	2183.0	2184.0	2208.0	1182.5	2159.0
Indicator value	0	0	0	0	0	0	2.7	2.7

TOP

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

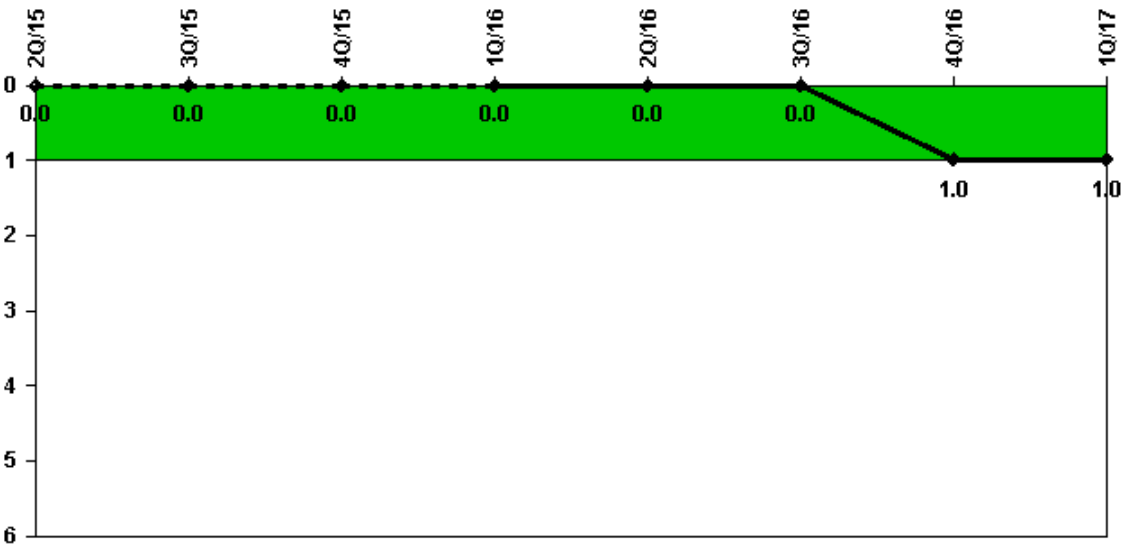
Notes

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	1.0	0	0	0	0	0	2.0	0
Critical hours	1256.5	2208.0	2209.0	2183.0	2184.0	2208.0	1182.5	2159.0
Indicator value	0.9	0.9	0.9	0.9	0	0	1.8	1.8

TOP

Licensee Comments:
2Q/15: Unplanned losses due to loss of RCP & Turbine Trip

Unplanned Scrams with Complications



Thresholds: White > 1.0

Notes

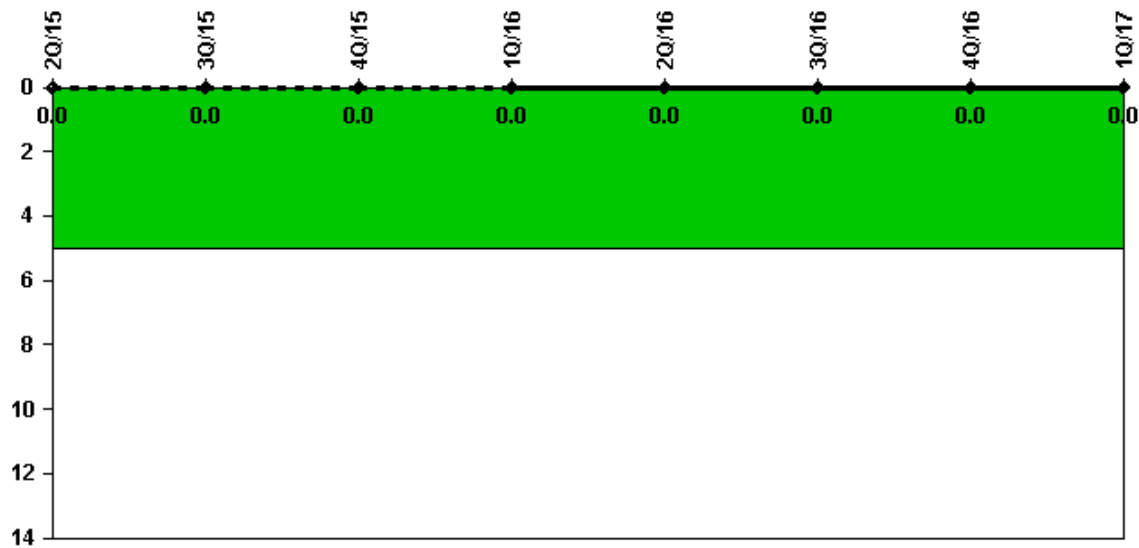
Unplanned Scrams with Complications	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Scrams with complications	0	0	0	0	0	0	1.0	0

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

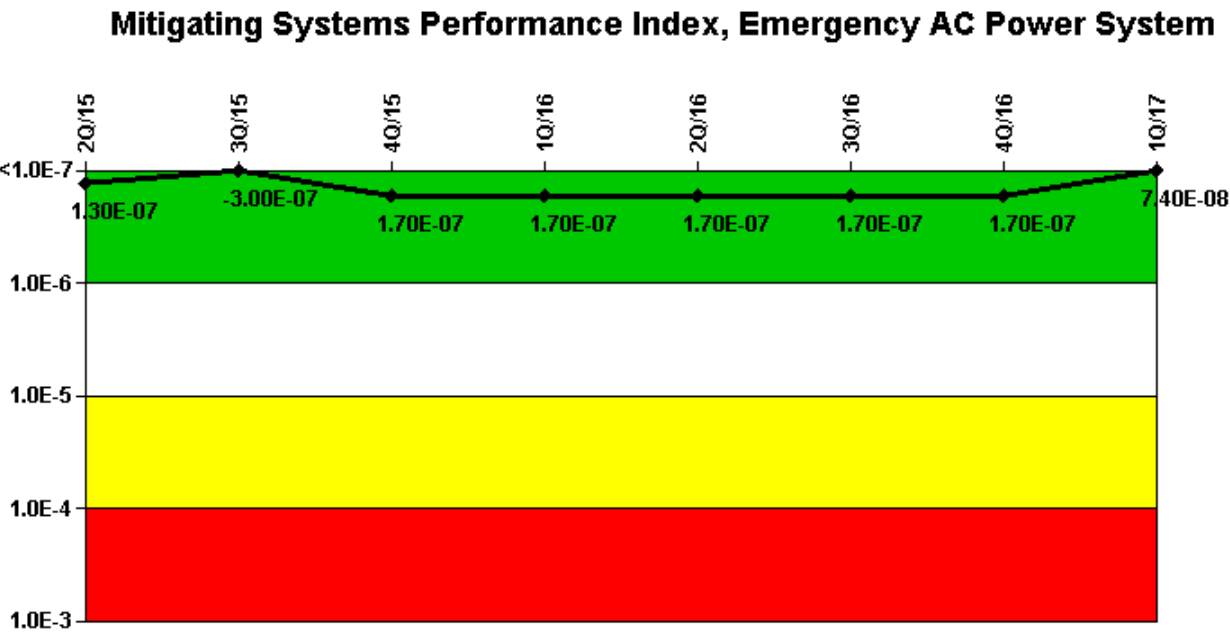
Safety System Functional Failures (PWR)2Q/153Q/154Q/151Q/162Q/163Q/164Q/161Q/17

Safety System Functional Failures000000000

Indicator value000000000

TOP

Licensee Comments: none



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

Notes

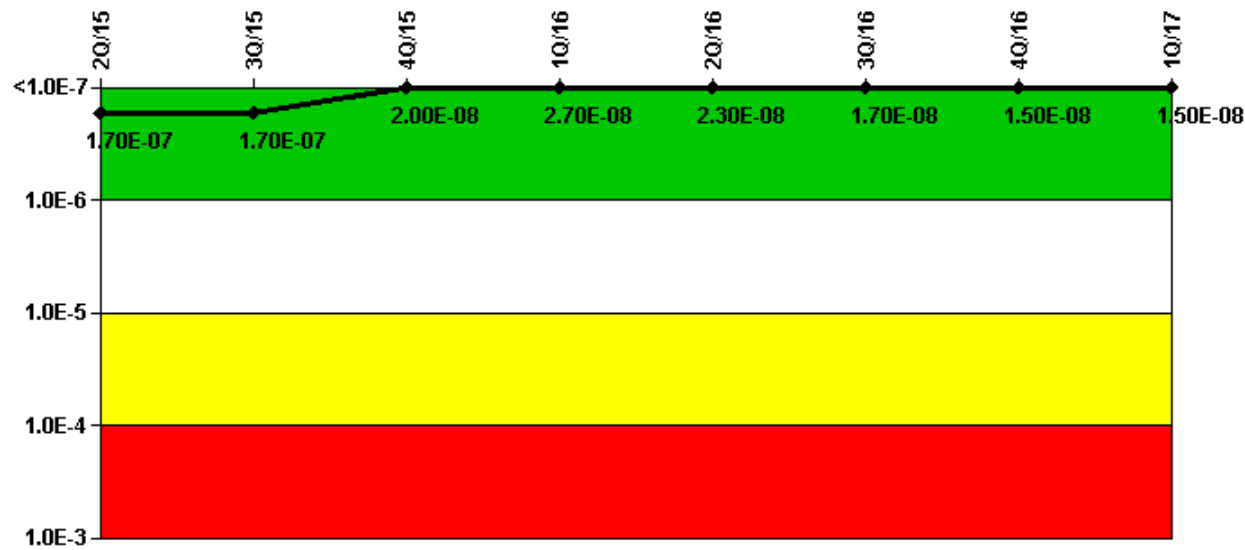
Mitigating Systems Performance Index,
Emergency AC Power System

	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (ΔCDF)	1.25E-07	-2.03E-08	-6.37E-09	-6.40E-09	-6.44E-09	-6.49E-09	-1.41E-08	-2.70E-08
URI (ΔCDF)	5.68E-10	-2.80E-07	1.80E-07	1.80E-07	1.80E-07	1.80E-07	1.88E-07	1.01E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.30E-07	-3.00E-07	1.70E-07	1.70E-07	1.70E-07	1.70E-07	1.70E-07	7.40E-08

TOP

Licensee Comments:
4Q/16: Changed PRA Parameter(s).
3Q/15: Risk Cap Invoked.
2Q/15: Risk Cap Invoked.

Mitigating Systems Performance Index, High Pressure Injection System



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

Notes

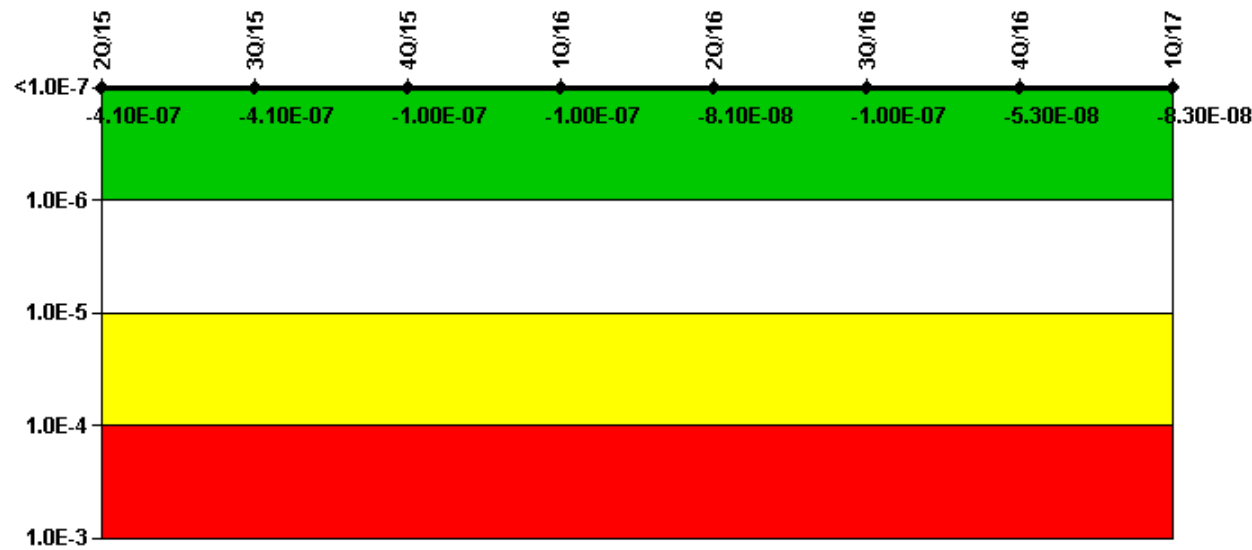
Mitigating Systems Performance Index, High Pressure Injection System

	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (ΔCDF)	2.05E-07	2.09E-07	2.33E-08	3.00E-08	2.69E-08	2.00E-08	1.82E-08	1.89E-08
URI (ΔCDF)	-3.78E-08	-3.78E-08	-3.43E-09	-3.43E-09	-3.43E-09	-3.43E-09	-3.56E-09	-3.56E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.70E-07	1.70E-07	2.00E-08	2.70E-08	2.30E-08	1.70E-08	1.50E-08	1.50E-08

TOP

Licensee Comments:
4Q/16: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



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

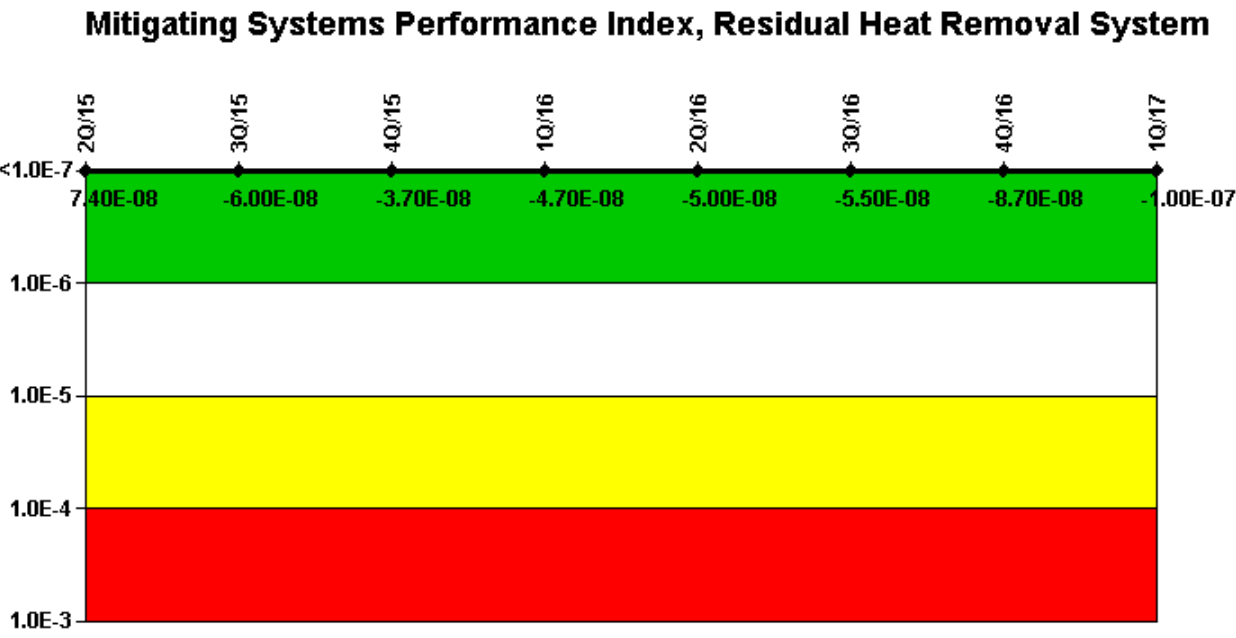
Notes

Mitigating Systems Performance Index, Heat Removal System

	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (ΔCDF)	-8.17E-09	-1.32E-08	-1.97E-08	-2.13E-08	7.01E-11	-1.96E-08	-1.68E-08	-4.75E-08
URI (ΔCDF)	-4.00E-07	-4.00E-07	-8.15E-08	-8.15E-08	-8.15E-08	-8.15E-08	-3.59E-08	-3.59E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.10E-07	-4.10E-07	-1.00E-07	-1.00E-07	-8.10E-08	-1.00E-07	-5.30E-08	-8.30E-08

TOP

Licensee Comments:
4Q/16: Changed PRA Parameter(s).



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

Notes

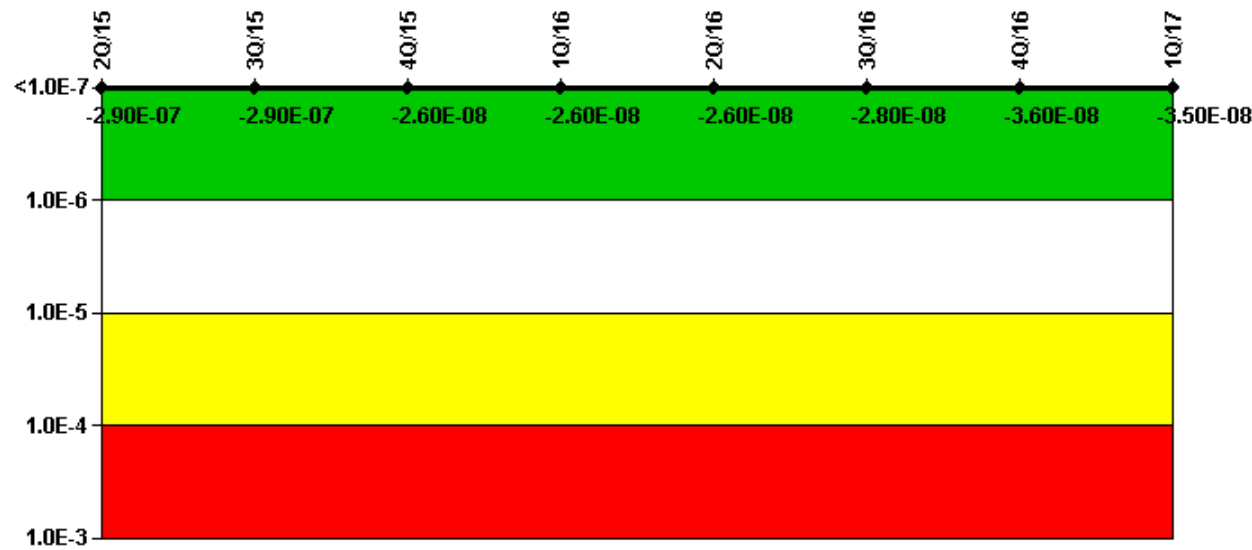
Mitigating Systems Performance Index,
Residual Heat Removal System

	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (ΔCDF)	2.95E-07	1.60E-07	2.92E-08	1.89E-08	1.64E-08	1.10E-08	-1.33E-08	-2.84E-08
URI (ΔCDF)	-2.21E-07	-2.21E-07	-6.59E-08	-6.59E-08	-6.59E-08	-6.59E-08	-7.34E-08	-7.34E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	7.40E-08	-6.00E-08	-3.70E-08	-4.70E-08	-5.00E-08	-5.50E-08	-8.70E-08	-1.00E-07

TOP

Licensee Comments:
4Q/16: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



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

Notes

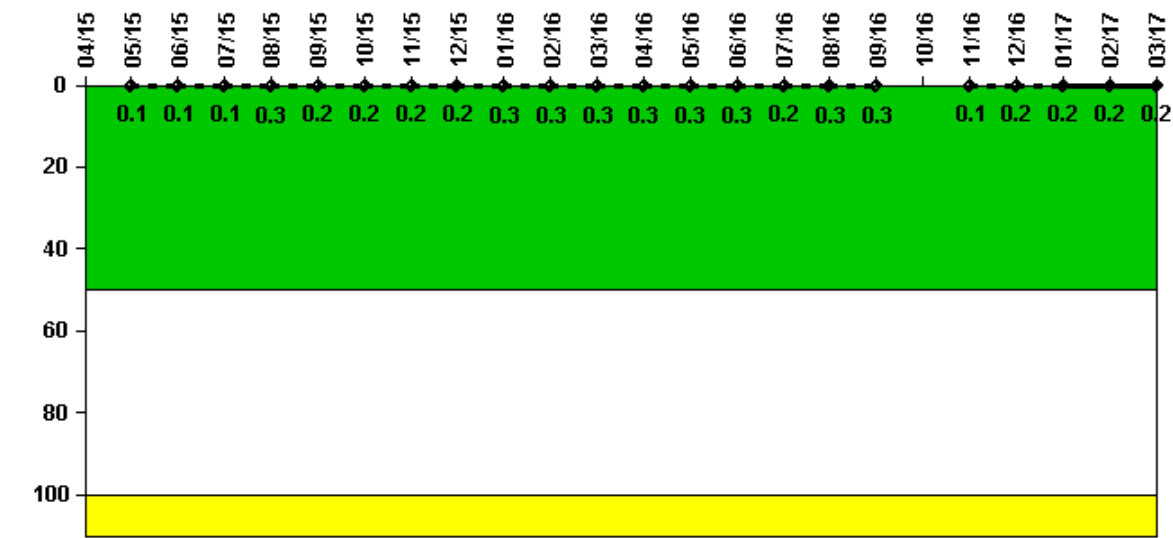
Mitigating Systems Performance Index, Cooling Water Systems

	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (ΔCDF)	1.95E-08	2.48E-08	5.80E-09	5.18E-09	5.35E-09	3.10E-09	2.36E-09	2.90E-09
URI (ΔCDF)	-3.13E-07	-3.13E-07	-3.15E-08	-3.15E-08	-3.15E-08	-3.15E-08	-3.83E-08	-3.83E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.90E-07	-2.90E-07	-2.60E-08	-2.60E-08	-2.60E-08	-2.80E-08	-3.60E-08	-3.50E-08

TOP

Licensee Comments:
4Q/16: Changed PRA Parameter(s).

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

Notes

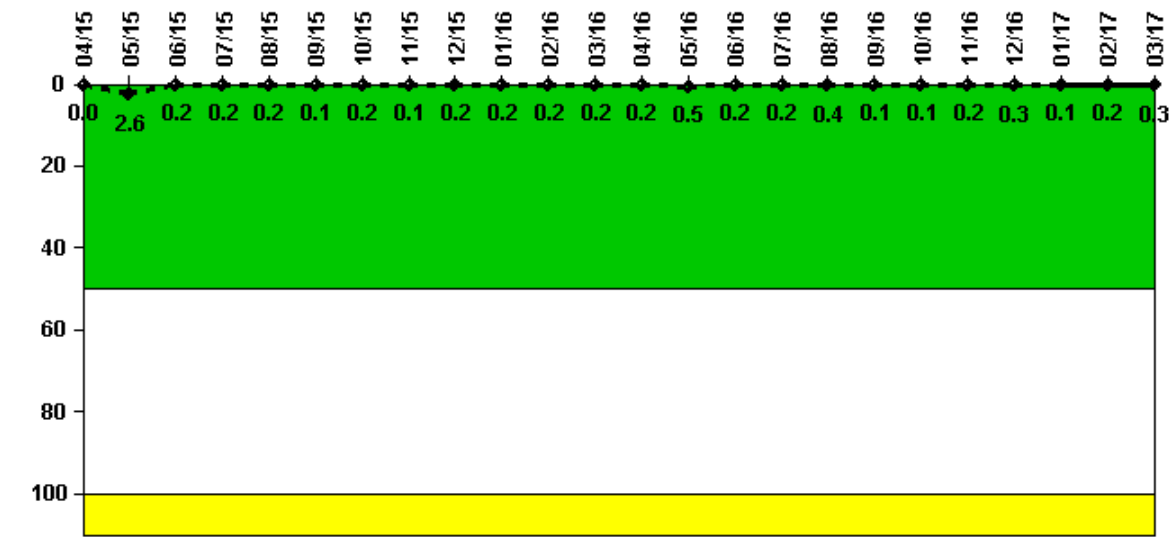
Reactor Coolant System Activity	4/15	5/15	6/15	7/15	8/15	9/15	10/15	11/15	12/15	1/16	2/16	3/16
Maximum activity	N/A	0.000464	0.000705	0.000740	0.001610	0.000944	0.000935	0.001020	0.001040	0.001330	0.001360	0.001390
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	N/A	0.1	0.1	0.1	0.3	0.2	0.2	0.2	0.2	0.3	0.3	0.3

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	0.001330	0.001410	0.001490	0.001230	0.001380	0.001460	N/A	0.000745	0.000801	0.000894	0.000916	0.000959
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.3	0.3	0.3	0.2	0.3	0.3	N/A	0.1	0.2	0.2	0.2	0.2

TOP

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/15	5/15	6/15	7/15	8/15	9/15	10/15	11/15	12/15	1/16	2/16	3/16
Maximum leakage	0	0.264	0.024	0.022	0.015	0.013	0.018	0.013	0.017	0.016	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

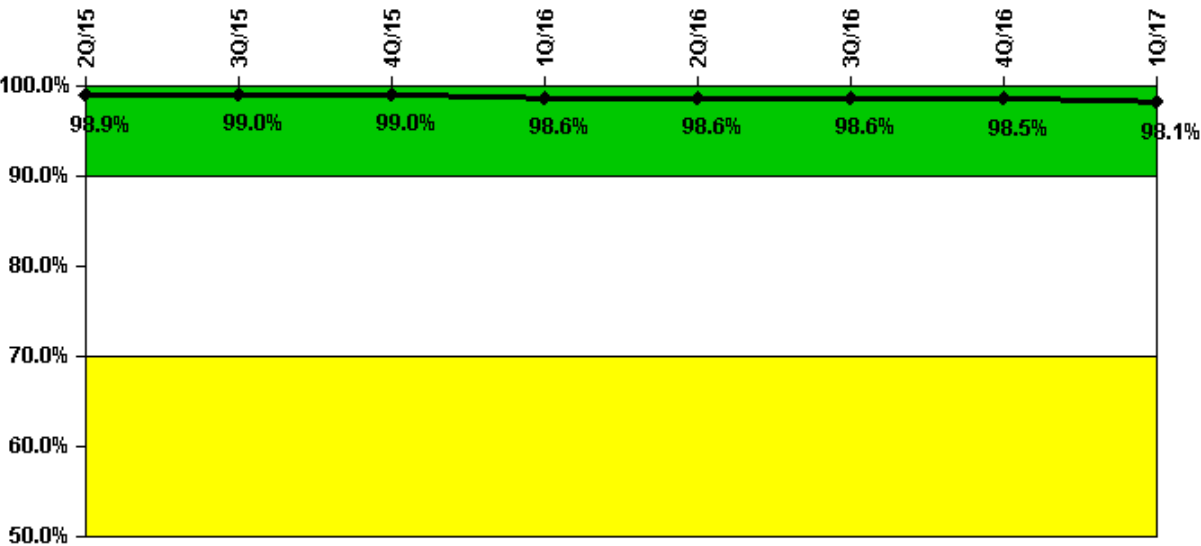
Indicator value	0	2.6	0.2	0.2	0.2	0.1	0.2	0.1	0.2	0.2	0.2	0.2
Reactor Coolant System Leakage	4/16	5/16	6/16	7/16	8/16	9/16	10/16	11/16	12/16	1/17	2/17	3/17
Maximum leakage	0.018	0.050	0.019	0.016	0.036	0.013	0.014	0.023	0.026	0.014	0.021	0.026
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0

Indicator value	0.2	0.5	0.2	0.2	0.4	0.1	0.1	0.2	0.3	0.1	0.2	0.3

TOP

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

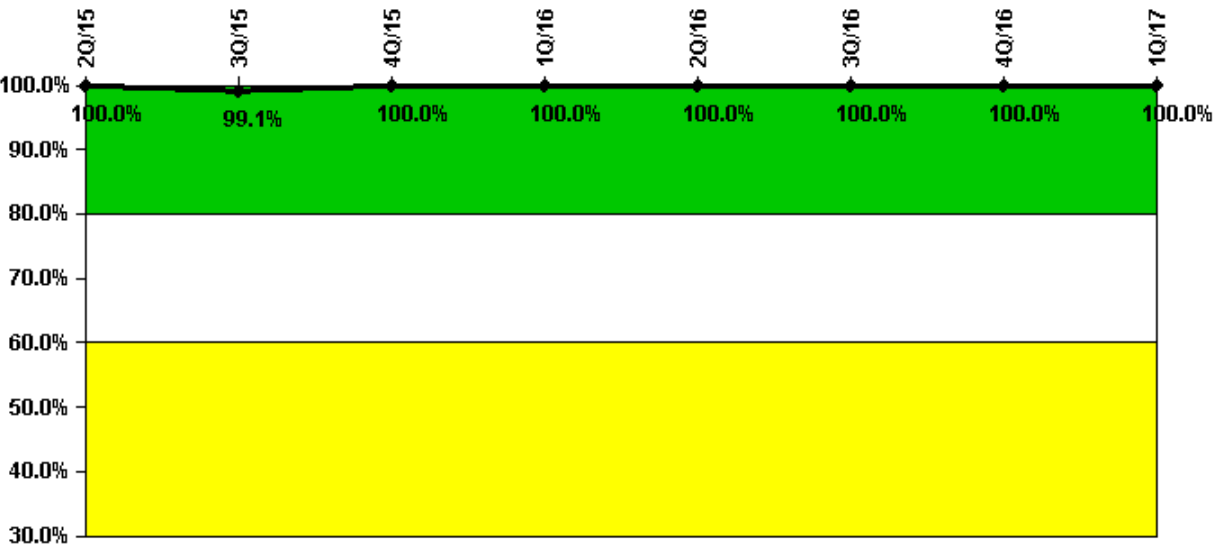
Drill/Exercise Performance	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Successful opportunities	22.0	59.0	22.0	84.0	39.0	37.0	6.0	35.0
Total opportunities	23.0	59.0	22.0	87.0	40.0	37.0	6.0	36.0

Indicator value 98.9% 99.0% 99.0% 98.6% 98.6% 98.6% 98.5% 98.1%

▲ TOP

Licensee Comments: none

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

Notes

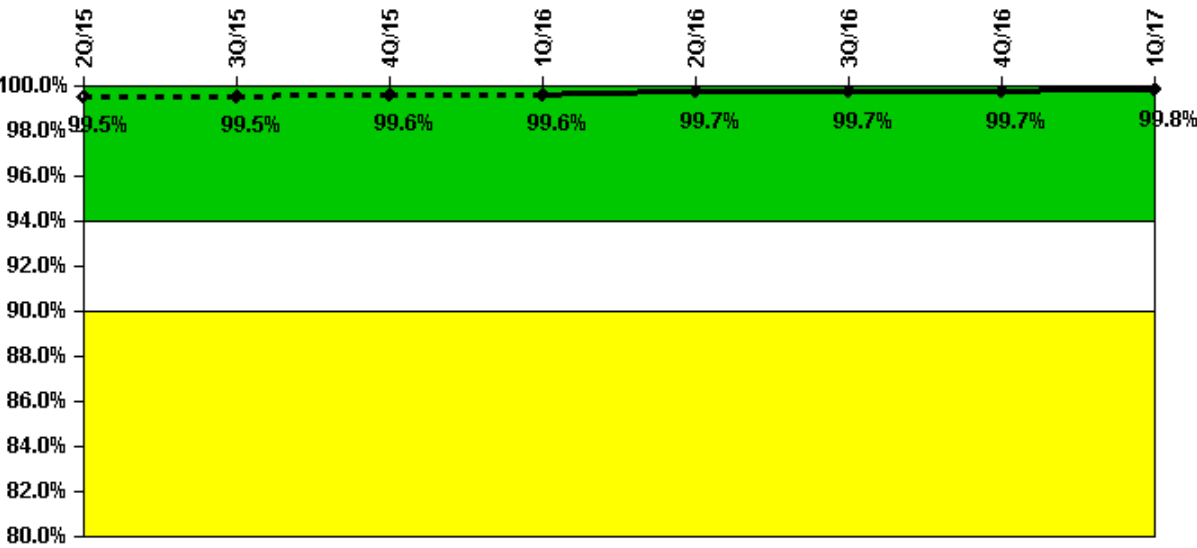
ERO Drill Participation	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Participating Key personnel	115.0	114.0	120.0	120.0	116.0	120.0	121.0	113.0
Total Key personnel	115.0	115.0	120.0	120.0	116.0	120.0	121.0	113.0

Indicator value	100.0%	99.1%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

TOP

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

Notes

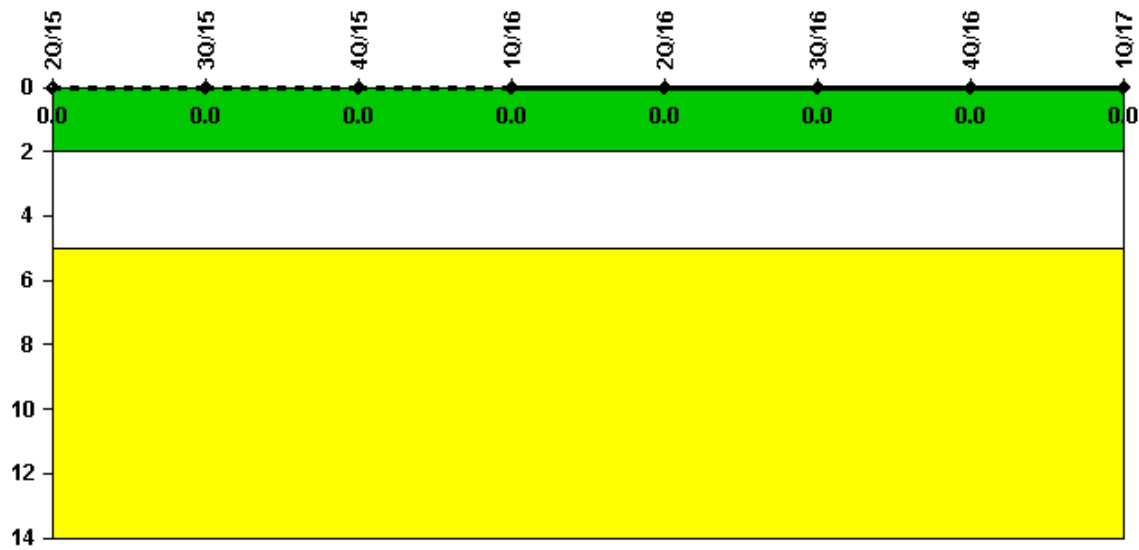
Alert & Notification System	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Successful siren-tests	1154	1150	1244	1152	1157	1152	1244	1155
Total sirens-tests	1157	1157	1246	1157	1157	1157	1246	1157

Indicator value 99.5% 99.5% 99.6% 99.6% 99.7% 99.7% 99.7% 99.8%

▲ TOP

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

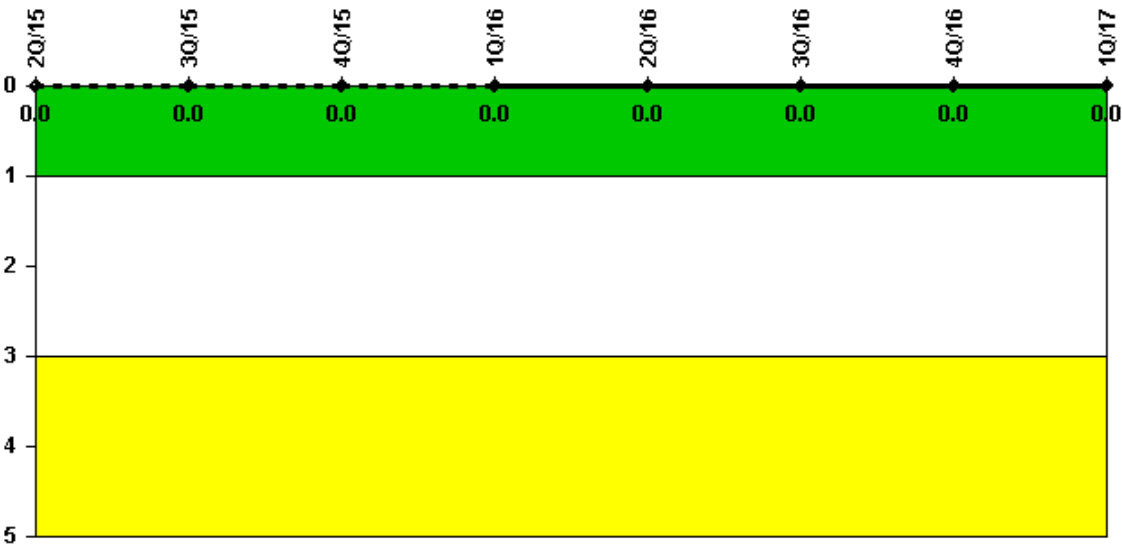
Notes

Occupational Exposure Control Effectiveness	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	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 Effluent2Q/153Q/154Q/151Q/162Q/163Q/164Q/161Q/17

RETS/ODCM occurrences000000000

Indicator value000000000

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> Farley 1 > Quarterly Performance Indicators

Farley 1 – Quarterly Performance Indicators

2Q/2017 Performance Indicators

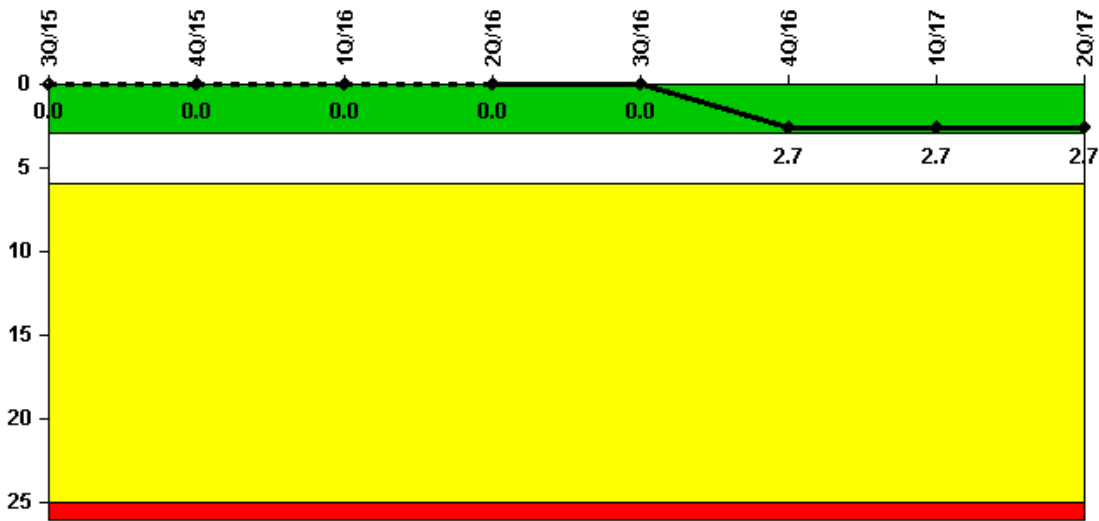
The solid trend line represents the current reporting period.

Licensee's General Comments: LER 2016-007-01

On this page:

- Unplanned Scrams (IE01)
- Unplanned Power Changes per 7000 Critical Hours (IE03)
- Unplanned Scrams with Complications (IE04)
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- Occupational Exposure Control Effectiveness (OR01)
- RETS/OCDE 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

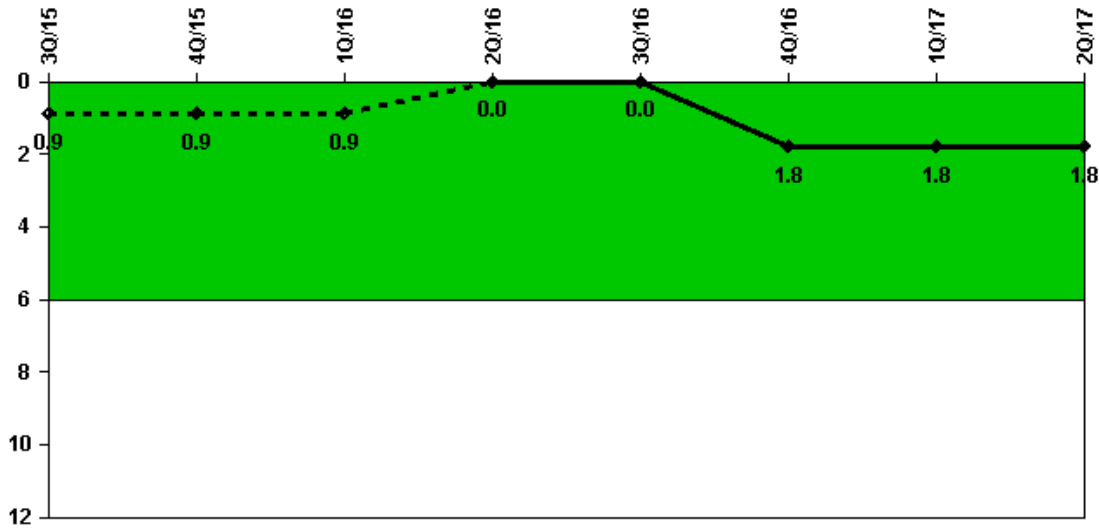
Unplanned Scrams per 7000 Critical Hrs	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Unplanned scrams	0	0	0	0	0	3.0	0	0
Critical hours	2208.0	2209.0	2183.0	2184.0	2208.0	1182.5	2159.0	2184.0

Indicator value	0	0	0	0	0	2.7	2.7	2.7

TOP

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

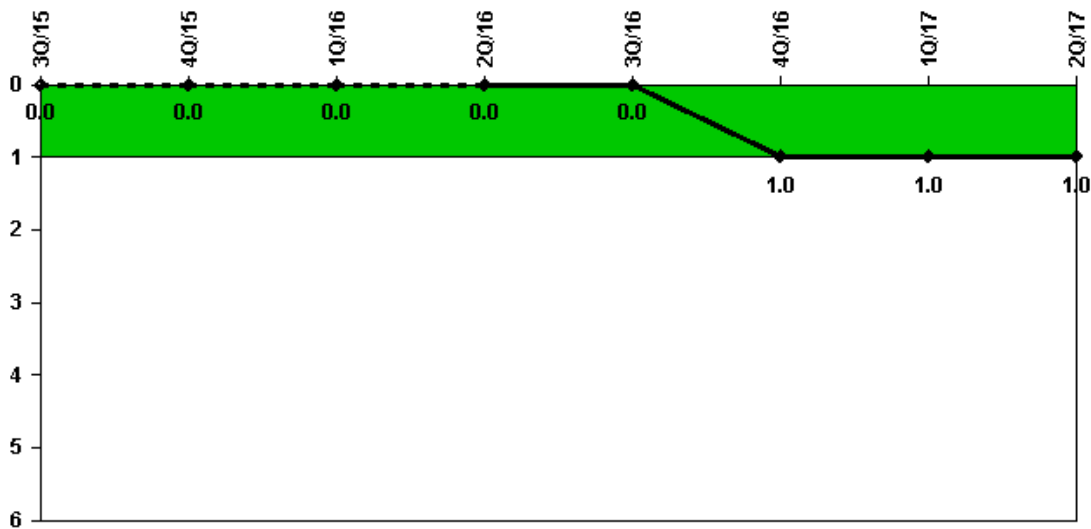
Notes

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	2.0	0	0
Critical hours	2208.0	2209.0	2183.0	2184.0	2208.0	1182.5	2159.0	2184.0
Indicator value	0.9	0.9	0.9	0	0	1.8	1.8	1.8

TOP

Licensee Comments: none

Unplanned Scrams with Complications



Thresholds: White > 1.0

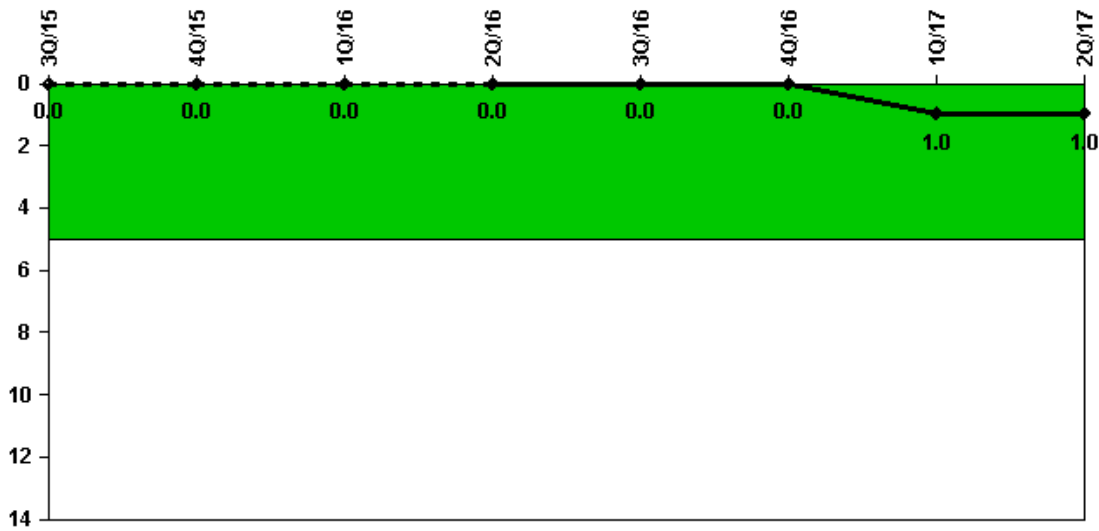
Notes

Unplanned Scrams with Complications	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Scrams with complications	0	0	0	0	0	1.0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0

TOP

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR) 3Q/15 4Q/15 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17

Safety System Functional Failures 0 0 0 0 0 0 1 0

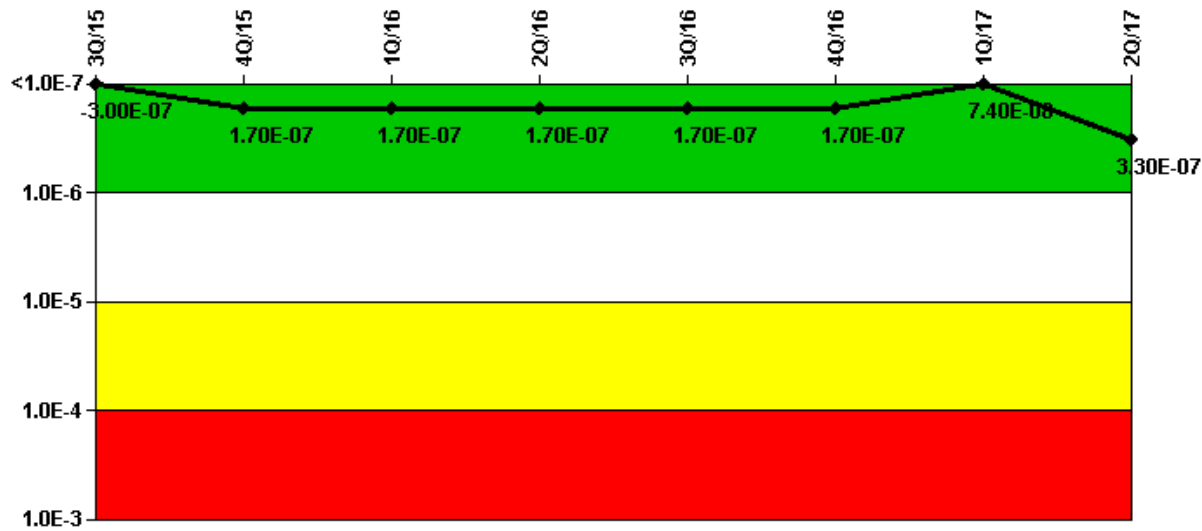
Indicator value 0 0 0 0 0 0 1 1

TOP

Licensee Comments:

1Q/17: LER 2016-007-01

Mitigating Systems Performance Index, Emergency AC Power System



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

Notes

Mitigating Systems Performance Index, Emergency AC Power System

	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
UAI (ΔCDF)	-2.03E-08	-6.37E-09	-6.40E-09	-6.44E-09	-6.49E-09	-1.41E-08	-2.70E-08	-2.15E-08
URI (ΔCDF)	-2.80E-07	1.80E-07	1.80E-07	1.80E-07	1.80E-07	1.88E-07	1.01E-07	3.47E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.00E-07	1.70E-07	1.70E-07	1.70E-07	1.70E-07	1.70E-07	7.40E-08	3.30E-07

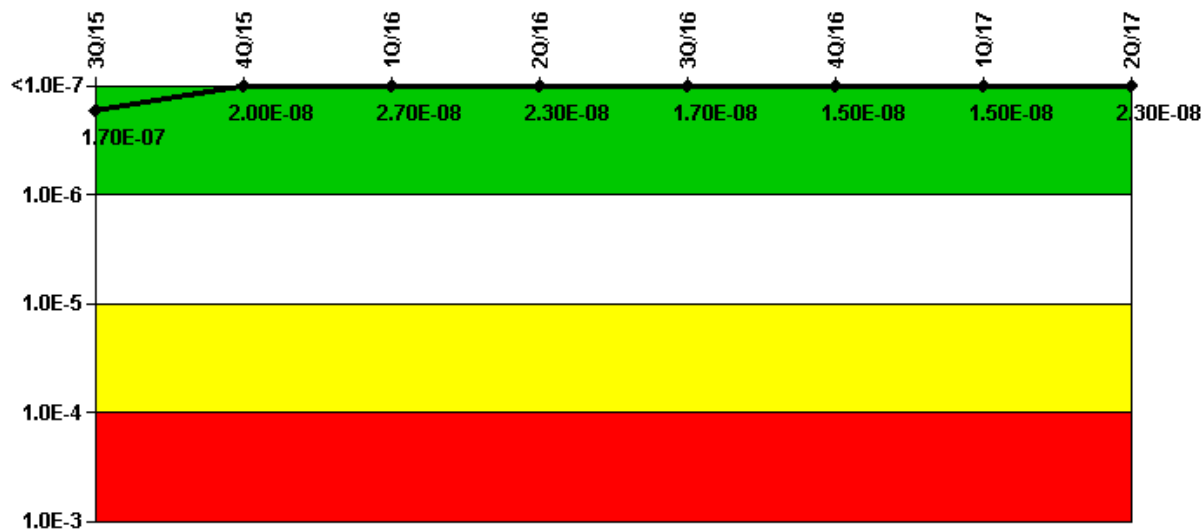
▲ TOP

Licensee Comments:

4Q/16: Changed PRA Parameter(s).

3Q/15: Risk Cap Invoked.

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

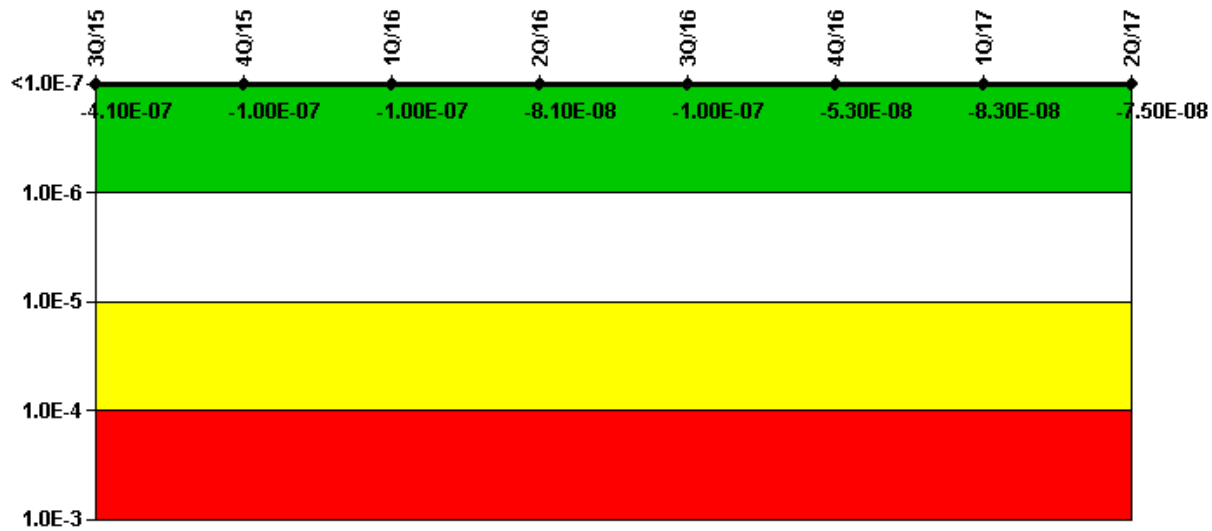
	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
UAI (ΔCDF)	2.09E-07	2.33E-08	3.00E-08	2.69E-08	2.00E-08	1.82E-08	1.89E-08	2.66E-08
URI (ΔCDF)	-3.78E-08	-3.43E-09	-3.43E-09	-3.43E-09	-3.43E-09	-3.56E-09	-3.56E-09	-3.56E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.70E-07	2.00E-08	2.70E-08	2.30E-08	1.70E-08	1.50E-08	1.50E-08	2.30E-08

TOP

Licensee Comments:

4Q/16: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



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

Notes

Mitigating Systems Performance Index, Heat Removal System

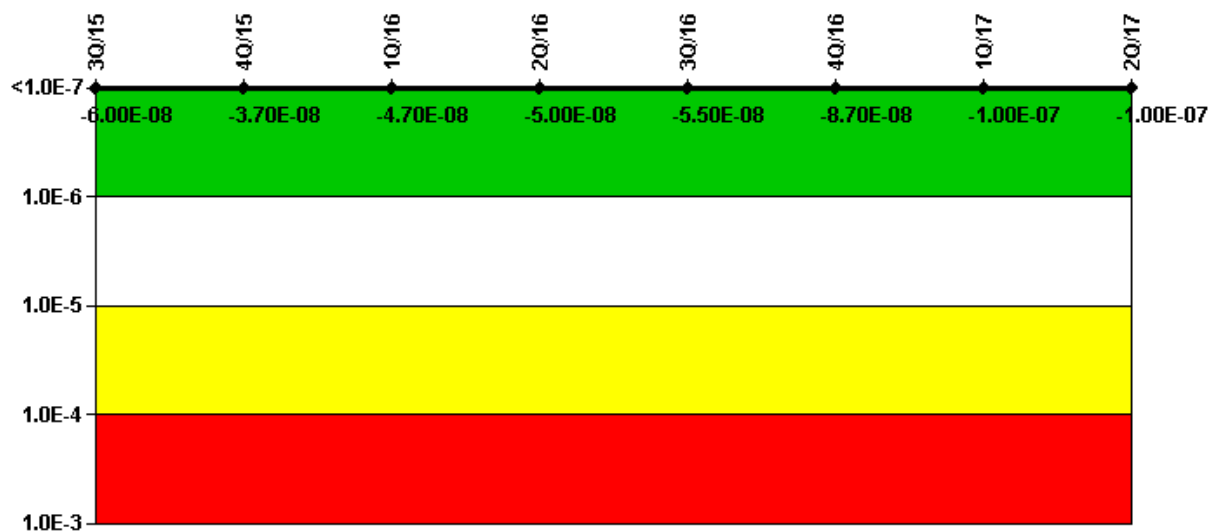
	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
UAI (ΔCDF)	-1.32E-08	-1.97E-08	-2.13E-08	7.01E-11	-1.96E-08	-1.68E-08	-4.75E-08	-3.88E-08
URI (ΔCDF)	-4.00E-07	-8.15E-08	-8.15E-08	-8.15E-08	-8.15E-08	-3.59E-08	-3.59E-08	-3.59E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.10E-07	-1.00E-07	-1.00E-07	-8.10E-08	-1.00E-07	-5.30E-08	-8.30E-08	-7.50E-08

▲ TOP

Licensee Comments:

4Q/16: 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

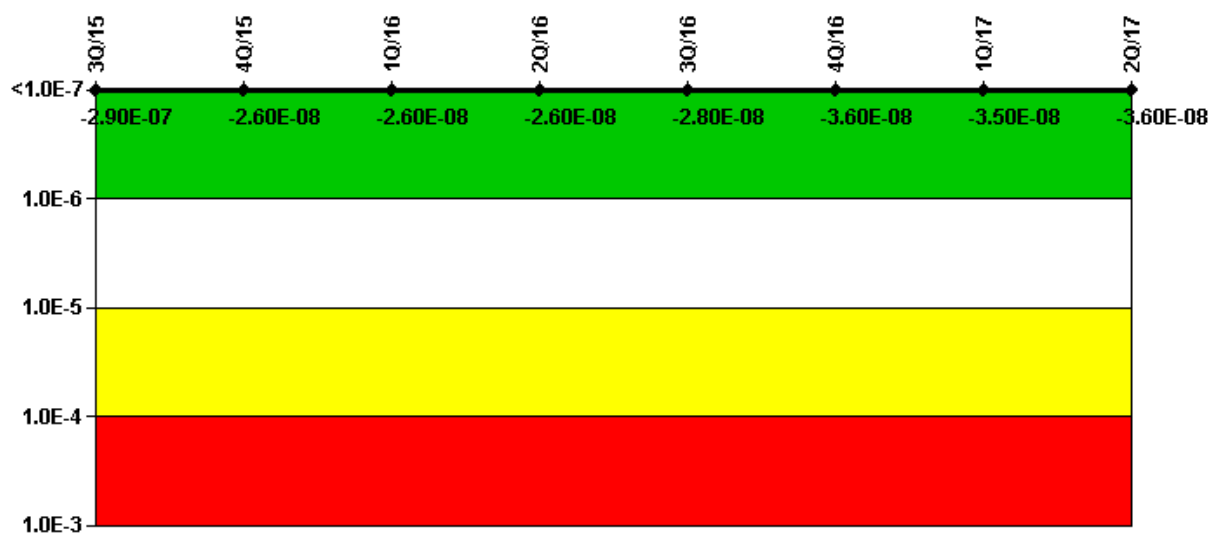
	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
UAI (ΔCDF)	1.60E-07	2.92E-08	1.89E-08	1.64E-08	1.10E-08	-1.33E-08	-2.84E-08	-2.84E-08
URI (ΔCDF)	-2.21E-07	-6.59E-08	-6.59E-08	-6.59E-08	-6.59E-08	-7.34E-08	-7.34E-08	-7.34E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.00E-08	-3.70E-08	-4.70E-08	-5.00E-08	-5.50E-08	-8.70E-08	-1.00E-07	-1.00E-07

▲ TOP

Licensee Comments:

4Q/16: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



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

Notes

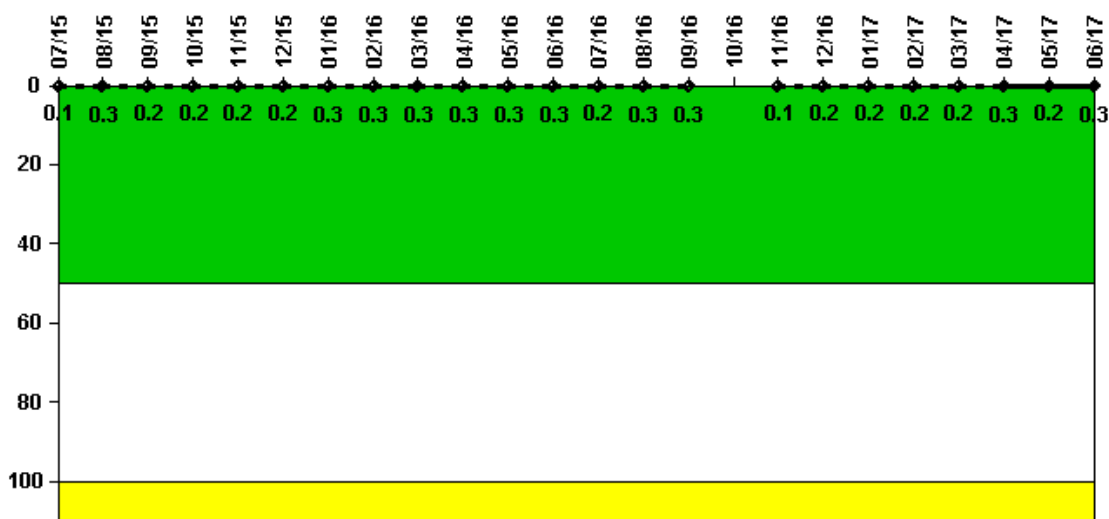
Mitigating Systems Performance Index, Cooling Water Systems

	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
UAI (ΔCDF)	2.48E-08	5.80E-09	5.18E-09	5.35E-09	3.10E-09	2.36E-09	2.90E-09	2.57E-09
URI (ΔCDF)	-3.13E-07	-3.15E-08	-3.15E-08	-3.15E-08	-3.15E-08	-3.83E-08	-3.83E-08	-3.83E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.90E-07	-2.60E-08	-2.60E-08	-2.60E-08	-2.80E-08	-3.60E-08	-3.50E-08	-3.60E-08

▲ TOP

Licensee Comments:

4Q/16: Changed PRA Parameter(s).

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

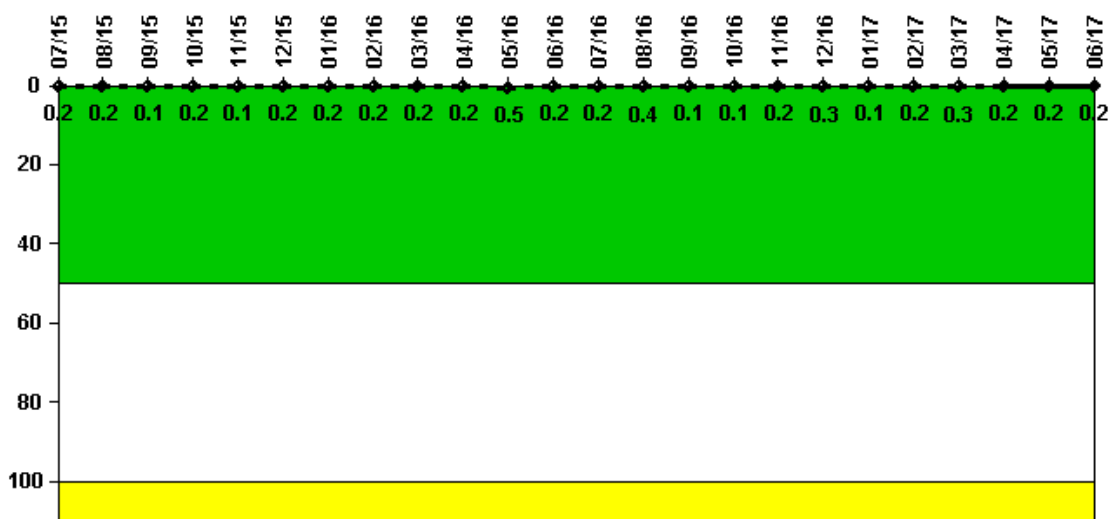
Notes

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	0.000740	0.001610	0.000944	0.000935	0.001020	0.001040	0.001330	0.001360	0.001390	0.001330	0.001410	0.001490
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.1	0.3	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
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	0.001230	0.001380	0.001460	N/A	0.000745	0.000801	0.000894	0.000916	0.000959	0.001280	0.001060	0.001360
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0.2	0.3	0.3	N/A	0.1	0.2	0.2	0.2	0.2	0.3	0.2	0.3

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	0.022	0.015	0.013	0.018	0.013	0.017	0.016	0.020	0.020	0.018	0.050	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

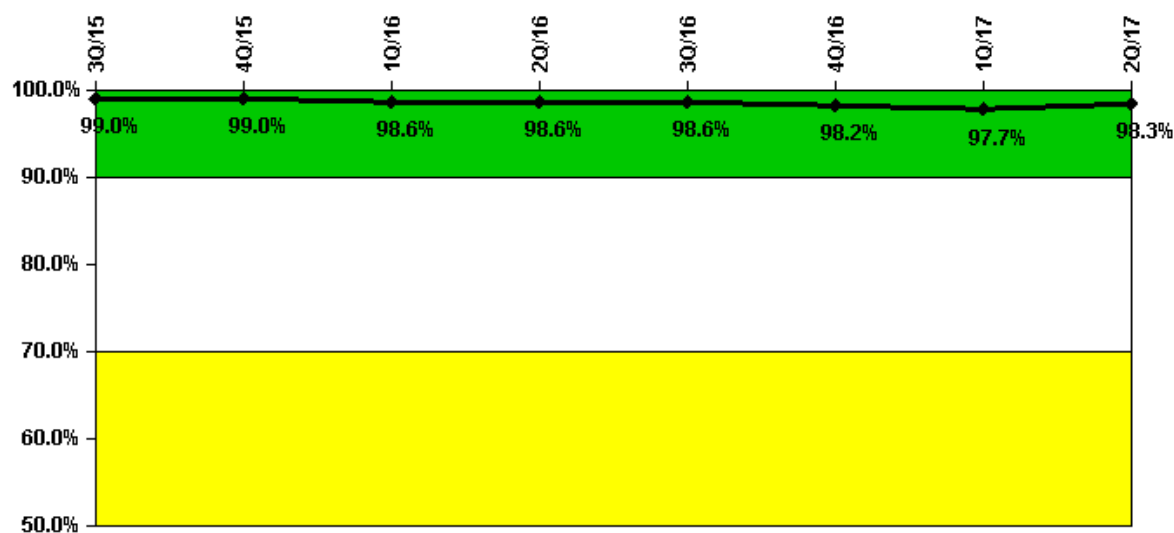
Indicator value	0.2	0.2	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.5	0.2
Reactor Coolant System Leakage	7/16	8/16	9/16	10/16	11/16	12/16	1/17	2/17	3/17	4/17	5/17	6/17
Maximum leakage	0.016	0.036	0.013	0.014	0.023	0.026	0.014	0.021	0.026	0.016	0.016	0.022
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0

Indicator value	0.2	0.4	0.1	0.1	0.2	0.3	0.1	0.2	0.3	0.2	0.2	0.2

TOP

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

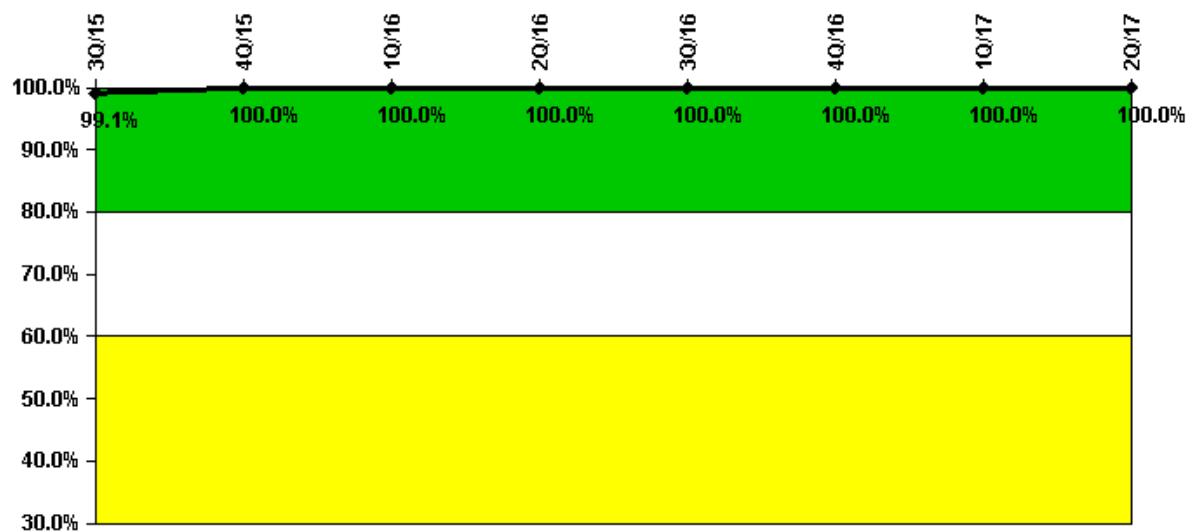
Drill/Exercise Performance	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Successful opportunities	59.0	22.0	84.0	39.0	37.0	6.0	35.0	64.0
Total opportunities	59.0	22.0	87.0	40.0	37.0	7.0	36.0	64.0

Indicator value 99.0% 99.0% 98.6% 98.6% 98.6% 98.2% 97.7% 98.3%

TOP

Licensee Comments: none

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

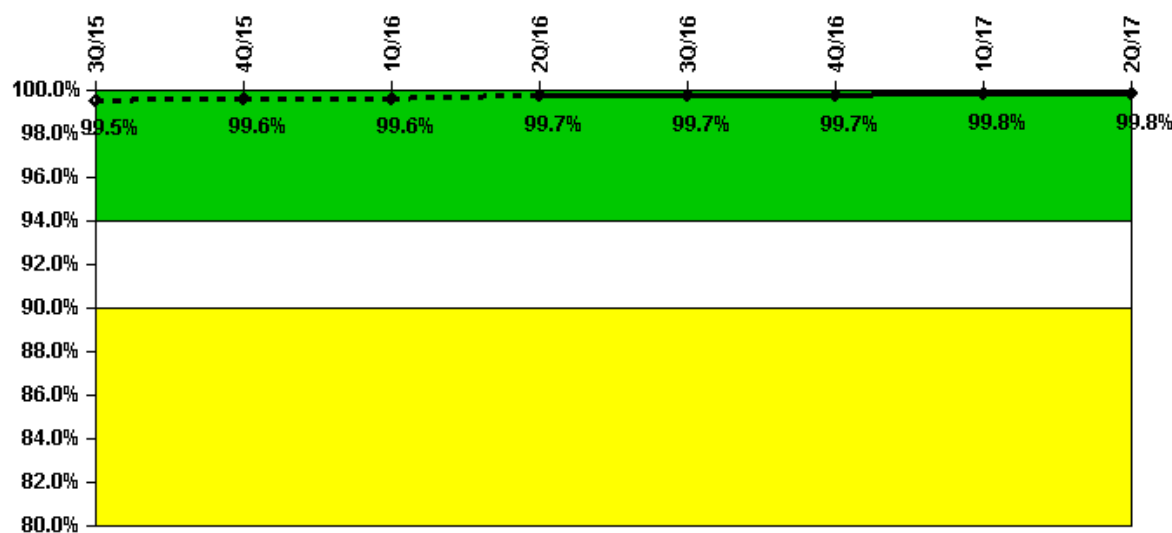
Notes

ERO Drill Participation	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Participating Key personnel	114.0	120.0	120.0	116.0	120.0	121.0	113.0	110.0
Total Key personnel	115.0	120.0	120.0	116.0	120.0	121.0	113.0	110.0

Indicator value 99.1% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0%

TOP

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

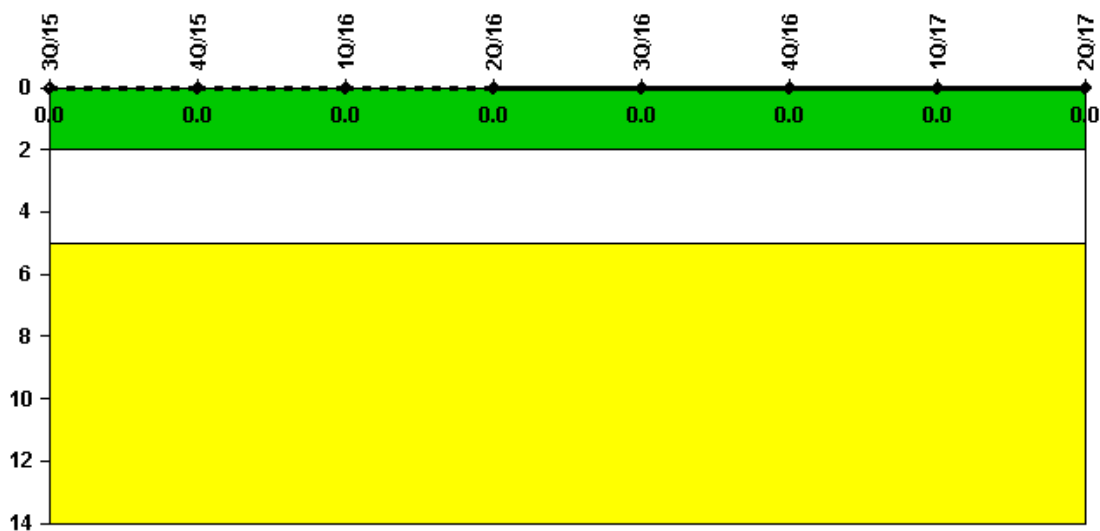
Alert & Notification System	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Successful siren-tests	1150	1244	1152	1157	1152	1244	1155	1156
Total sirens-tests	1157	1246	1157	1157	1157	1246	1157	1157

Indicator value 99.5% 99.6% 99.6% 99.7% 99.7% 99.7% 99.8% 99.8%

▲ TOP

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

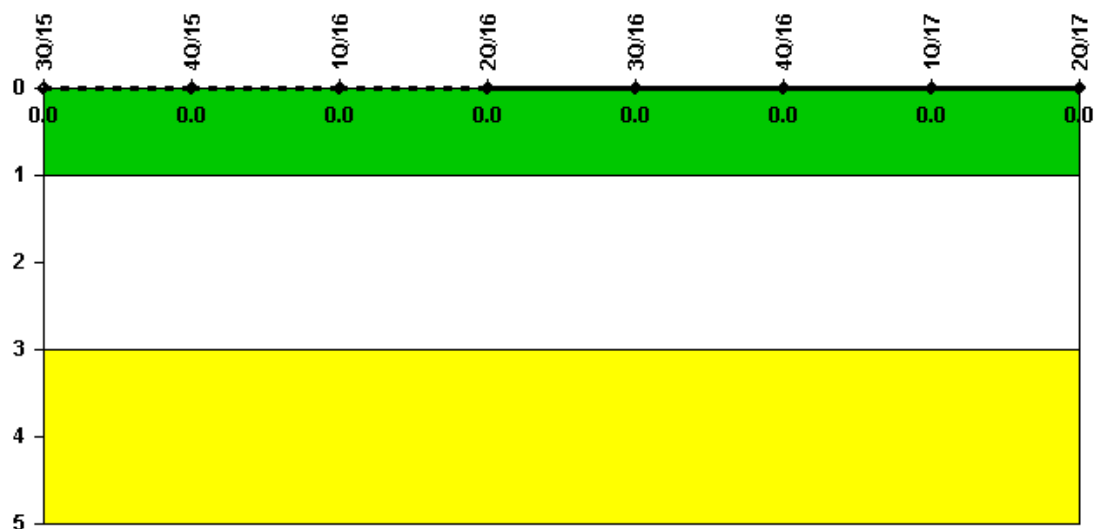
Occupational Exposure Control Effectiveness3Q/154Q/151Q/162Q/163Q/164Q/161Q/172Q/17

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

TOP

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

Current data as of: July 26, 2017

Page Last Reviewed/Updated Wednesday, June 07, 2017



[Home](#) > [Nuclear Reactors](#) > [Operating Reactors](#) > [Reactor Oversight Process](#) > [Plant Summaries](#) > [Farley 1](#) > [Quarterly Performance Indicators](#)

Farley 1 – Quarterly Performance Indicators

3Q/2017 Performance Indicators

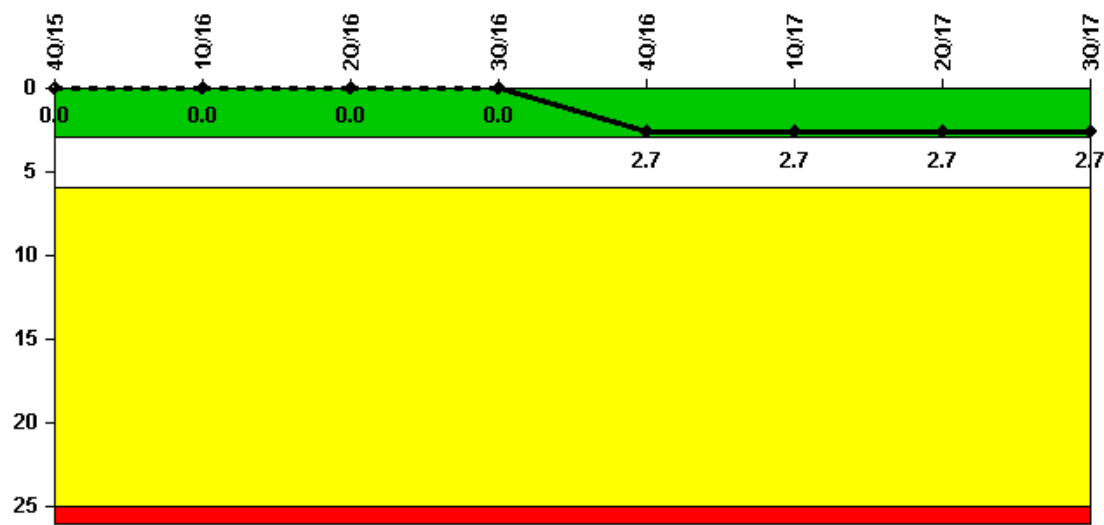
The solid trend line represents the current reporting period.

Licensee's General Comments: LER 2016-007-01

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/OCMD Radiological Effluent Occurrence \(PR01\)](#)
- [Protected Area Equipment \(PP01\)](#)

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

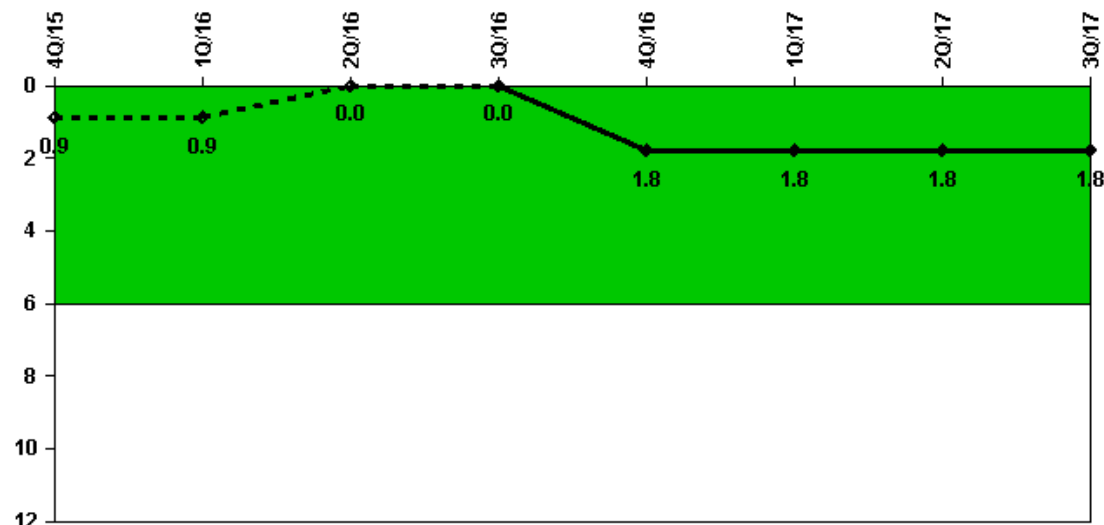
Notes

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	3.0	0	0	0
Critical hours	2209.0	2183.0	2184.0	2208.0	1182.5	2159.0	2184.0	2208.0
Indicator value	0	0	0	0	2.7	2.7	2.7	2.7

TOP

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

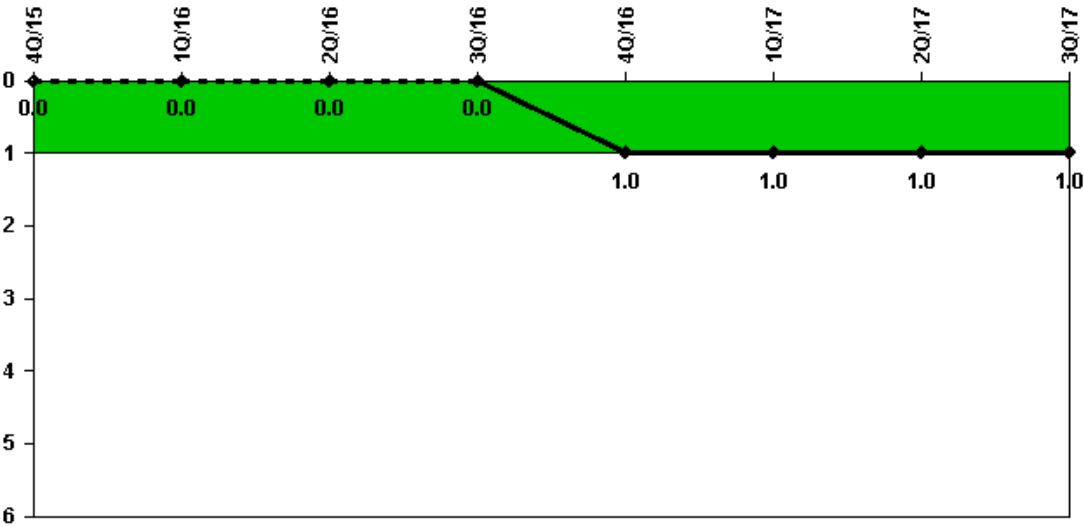
Notes

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	2.0	0	0	0
Critical hours	2209.0	2183.0	2184.0	2208.0	1182.5	2159.0	2184.0	2208.0
Indicator value	0.9	0.9	0	0	1.8	1.8	1.8	1.8

TOP

Licensee Comments: none

Unplanned Scrams with Complications



Thresholds: White > 1.0

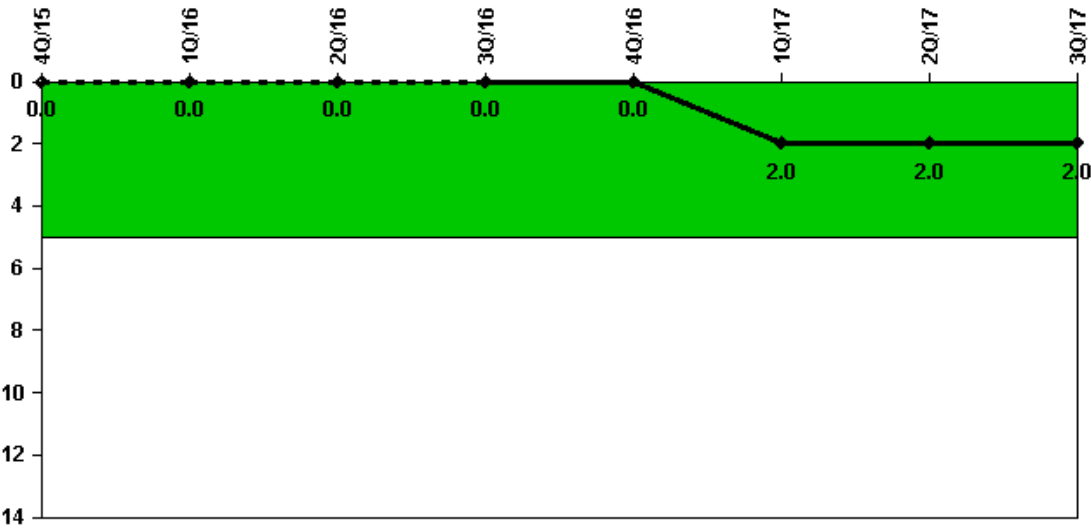
Notes

Unplanned Scrams with Complications	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Scrams with complications	0	0	0	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

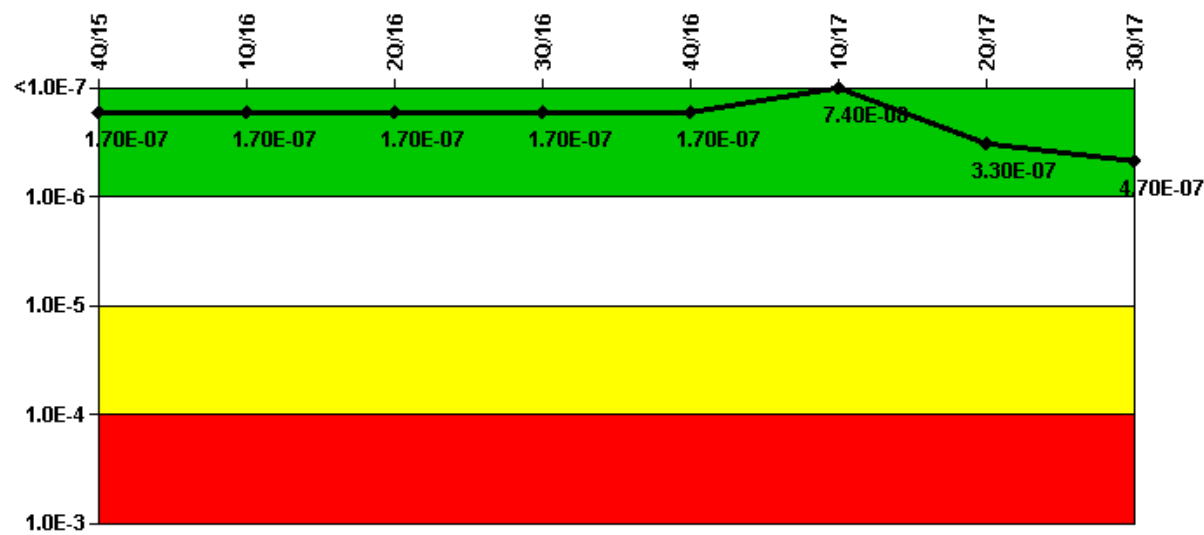
Safety System Functional Failures (PWR)	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Safety System Functional Failures	0	0	0	0	0	2	0	0

Indicator value	0	0	0	0	0	2	2	2

TOP

Licensee Comments:
1Q/17: LER 2016-007-01
1Q/17: LER 2016-007-01

Mitigating Systems Performance Index, Emergency AC Power System



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

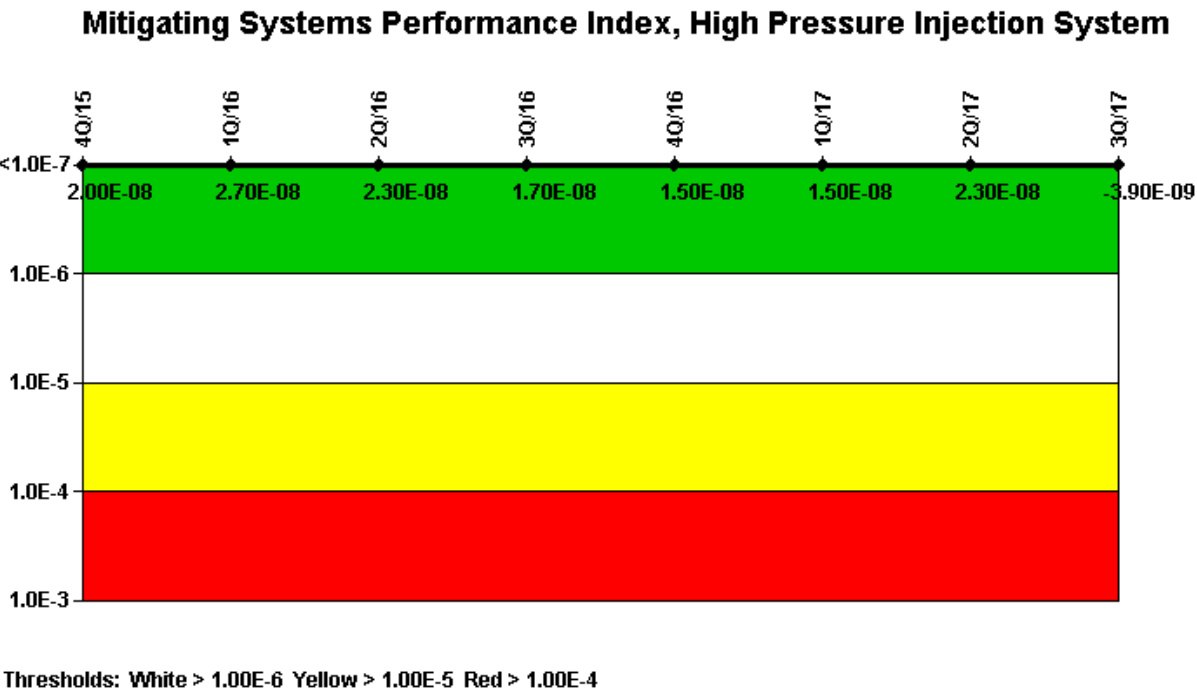
Notes

Mitigating Systems Performance Index, Emergency AC Power System

	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (ΔCDF)	-6.37E-09	-6.40E-09	-6.44E-09	-6.49E-09	-1.41E-08	-2.70E-08	-2.15E-08	1.26E-07
URI (ΔCDF)	1.80E-07	1.80E-07	1.80E-07	1.80E-07	1.88E-07	1.01E-07	3.47E-07	3.47E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.70E-07	1.70E-07	1.70E-07	1.70E-07	1.70E-07	7.40E-08	3.30E-07	4.70E-07

TOP

Licensee Comments:
4Q/16: Changed PRA Parameter(s).



Notes

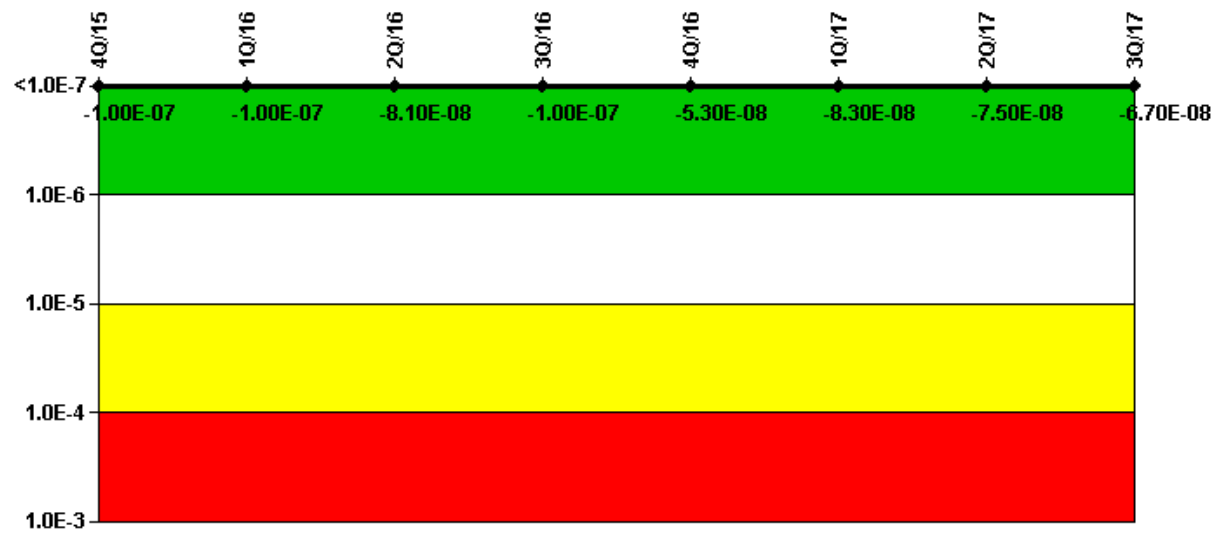
Mitigating Systems Performance Index, High Pressure Injection System

	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (ΔCDF)	2.33E-08	3.00E-08	2.69E-08	2.00E-08	1.82E-08	1.89E-08	2.66E-08	-3.57E-10
URI (ΔCDF)	-3.43E-09	-3.43E-09	-3.43E-09	-3.43E-09	-3.56E-09	-3.56E-09	-3.56E-09	-3.56E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.00E-08	2.70E-08	2.30E-08	1.70E-08	1.50E-08	1.50E-08	2.30E-08	-3.90E-09

TOP

Licensee Comments:
4Q/16: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



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

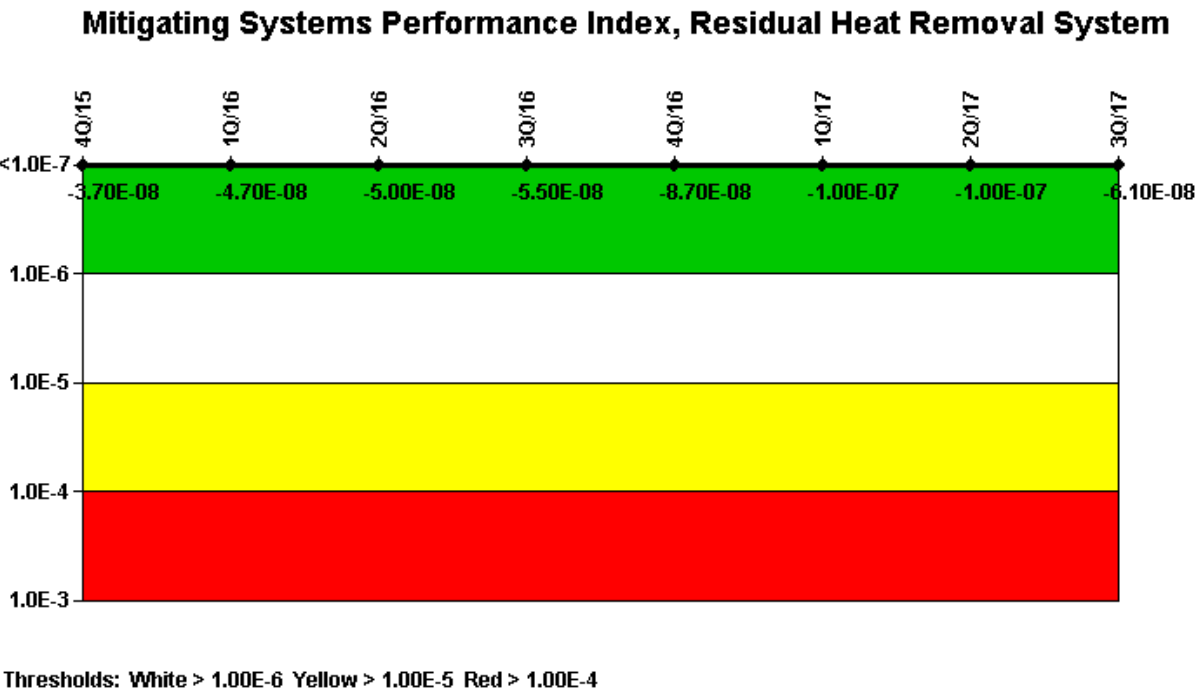
Notes

Mitigating Systems Performance Index, Heat Removal System

	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (ΔCDF)	-1.97E-08	-2.13E-08	7.01E-11	-1.96E-08	-1.68E-08	-4.75E-08	-3.88E-08	-3.10E-08
URI (ΔCDF)	-8.15E-08	-8.15E-08	-8.15E-08	-8.15E-08	-3.59E-08	-3.59E-08	-3.59E-08	-3.59E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.00E-07	-1.00E-07	-8.10E-08	-1.00E-07	-5.30E-08	-8.30E-08	-7.50E-08	-6.70E-08

TOP

Licensee Comments:
4Q/16: Changed PRA Parameter(s).



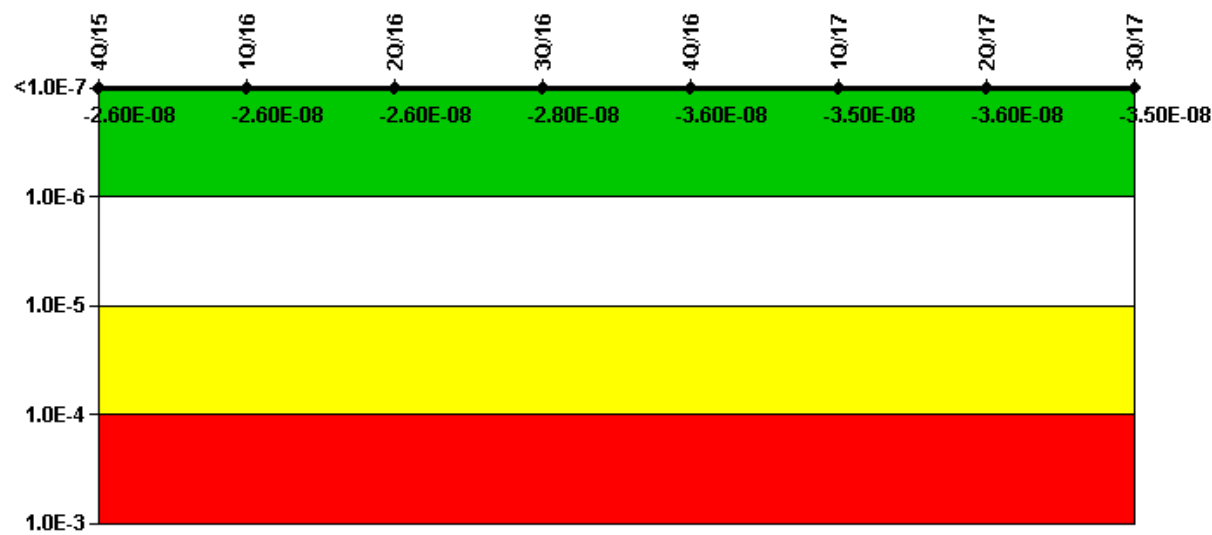
Notes

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 (ΔCDF)	2.92E-08	1.89E-08	1.64E-08	1.10E-08	-1.33E-08	-2.84E-08	-2.84E-08	1.28E-08
URI (ΔCDF)	-6.59E-08	-6.59E-08	-6.59E-08	-6.59E-08	-7.34E-08	-7.34E-08	-7.34E-08	-7.34E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.70E-08	-4.70E-08	-5.00E-08	-5.50E-08	-8.70E-08	-1.00E-07	-1.00E-07	-6.10E-08

TOP

Licensee Comments:
4Q/16: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



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

Notes

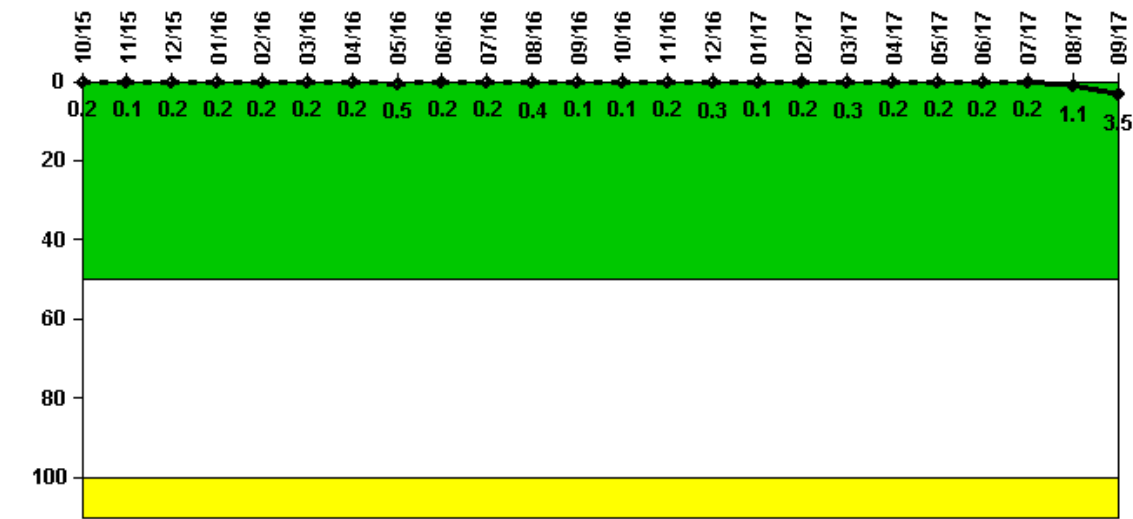
Mitigating Systems Performance Index, Cooling Water Systems

	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (ΔCDF)	5.80E-09	5.18E-09	5.35E-09	3.10E-09	2.36E-09	2.90E-09	2.57E-09	3.32E-09
URI (ΔCDF)	-3.15E-08	-3.15E-08	-3.15E-08	-3.15E-08	-3.83E-08	-3.83E-08	-3.83E-08	-3.83E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.60E-08	-2.60E-08	-2.60E-08	-2.80E-08	-3.60E-08	-3.50E-08	-3.60E-08	-3.50E-08

TOP

Licensee Comments:
4Q/16: Changed PRA Parameter(s).

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

Notes

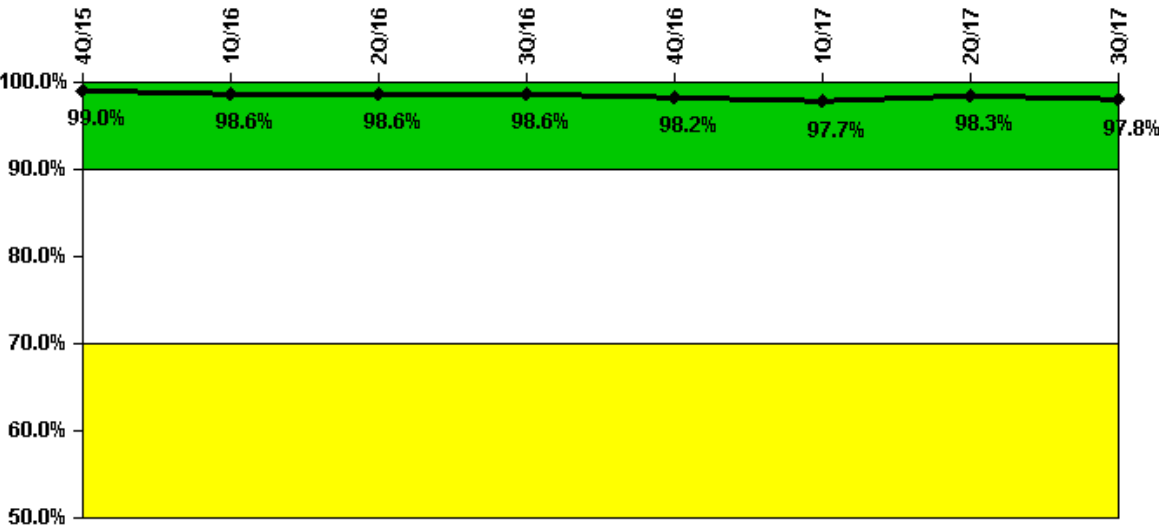
Reactor Coolant System Leakage	10/15	11/15	12/15	1/16	2/16	3/16	4/16	5/16	6/16	7/16	8/16	9/16
Maximum leakage	0.018	0.013	0.017	0.016	0.020	0.020	0.018	0.050	0.019	0.016	0.036	0.013
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.5	0.2	0.2	0.4	0.1

Reactor Coolant System Leakage	10/16	11/16	12/16	1/17	2/17	3/17	4/17	5/17	6/17	7/17	8/17	9/17
Maximum leakage	0.014	0.023	0.026	0.014	0.021	0.026	0.016	0.016	0.022	0.019	0.106	0.353
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.2	0.3	0.1	0.2	0.3	0.2	0.2	0.2	0.2	1.1	3.5

TOP

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

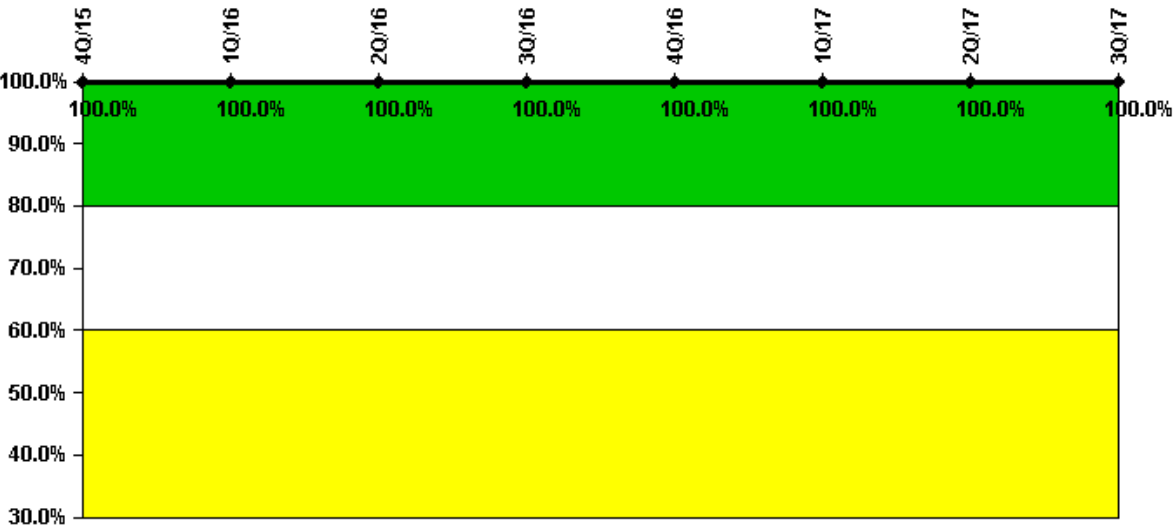
Drill/Exercise Performance	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Successful opportunities	22.0	84.0	39.0	37.0	6.0	35.0	64.0	23.0
Total opportunities	22.0	87.0	40.0	37.0	7.0	36.0	64.0	24.0

Indicator value 99.0% 98.6% 98.6% 98.6% 98.2% 97.7% 98.3% 97.8%

TOP

Licensee Comments: none

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

Notes

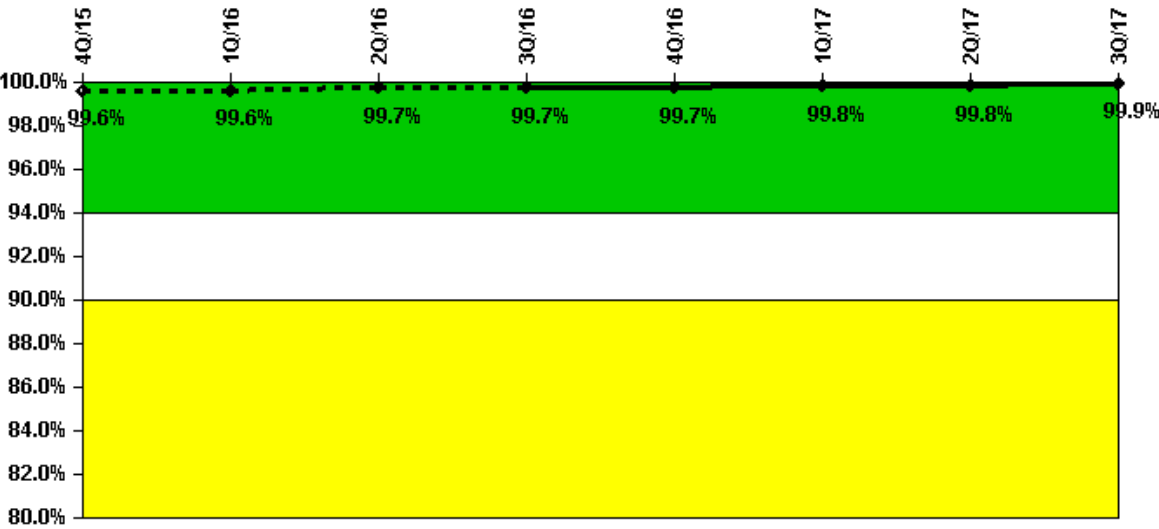
ERO Drill Participation	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Participating Key personnel	120.0	120.0	116.0	120.0	121.0	113.0	110.0	70.0
Total Key personnel	120.0	120.0	116.0	120.0	121.0	113.0	110.0	70.0

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

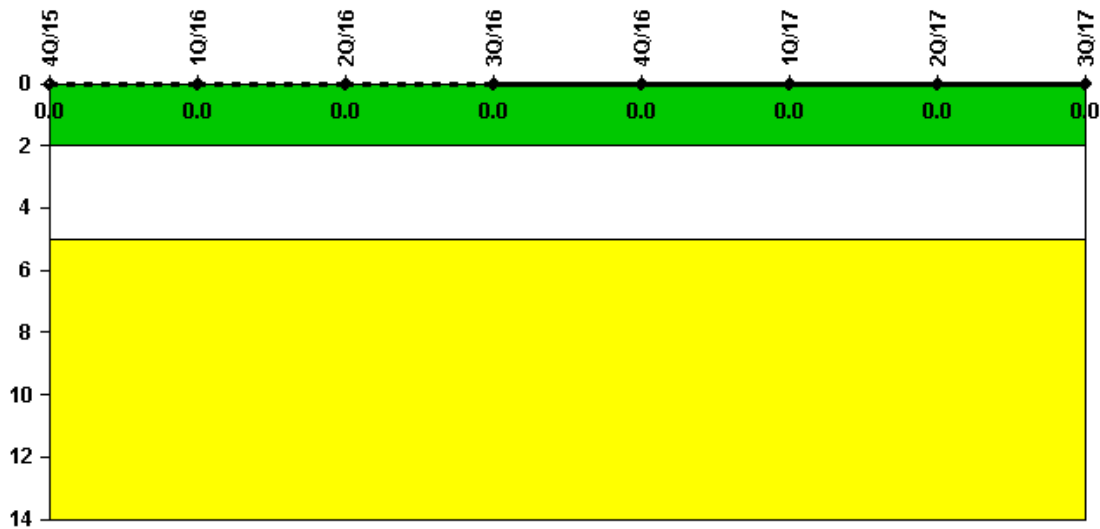
Alert & Notification System	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Successful siren-tests	1244	1152	1157	1152	1244	1155	1156	1157
Total sirens-tests	1246	1157	1157	1157	1246	1157	1157	1157

Indicator value 99.6% 99.6% 99.7% 99.7% 99.7% 99.8% 99.8% 99.9%

TOP

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

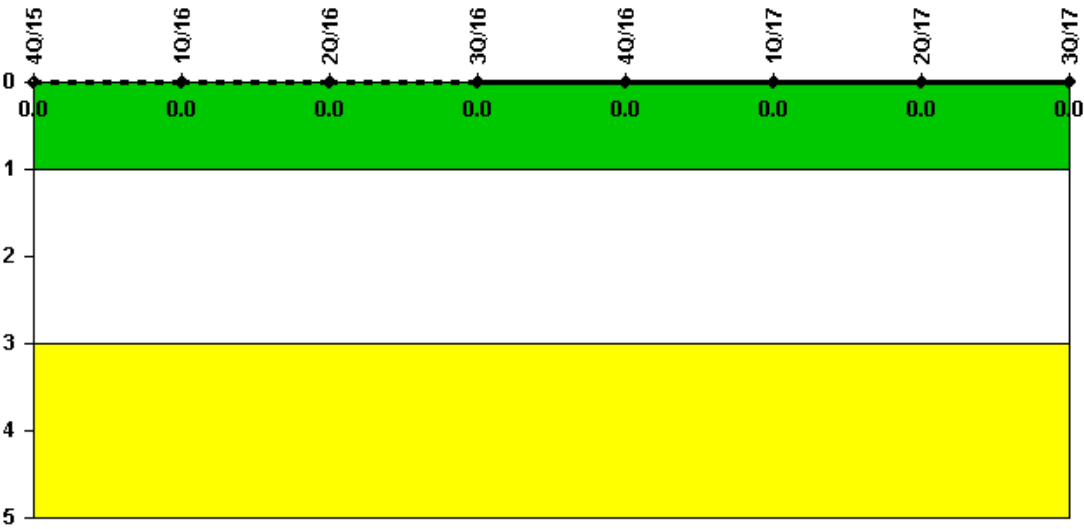
Notes

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 Effluent4Q/151Q/162Q/163Q/164Q/161Q/172Q/173Q/17

RETS/ODCM occurrences000000000

Indicator value000000000

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> Farley 1 > Quarterly Performance Indicators

Farley 1 – Quarterly Performance Indicators

4Q/2017 Performance Indicators

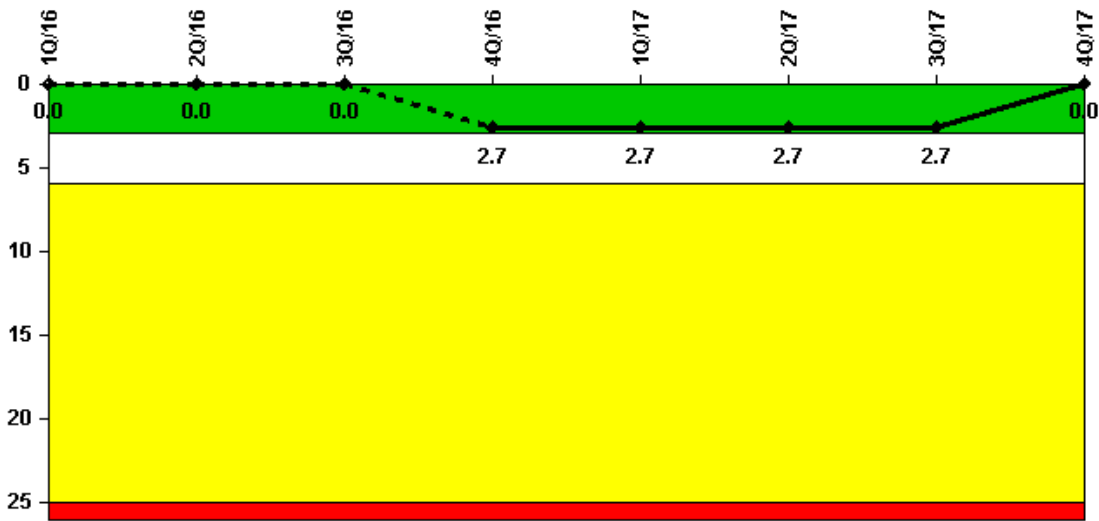
The solid trend line represents the current reporting period.

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/OCDE 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

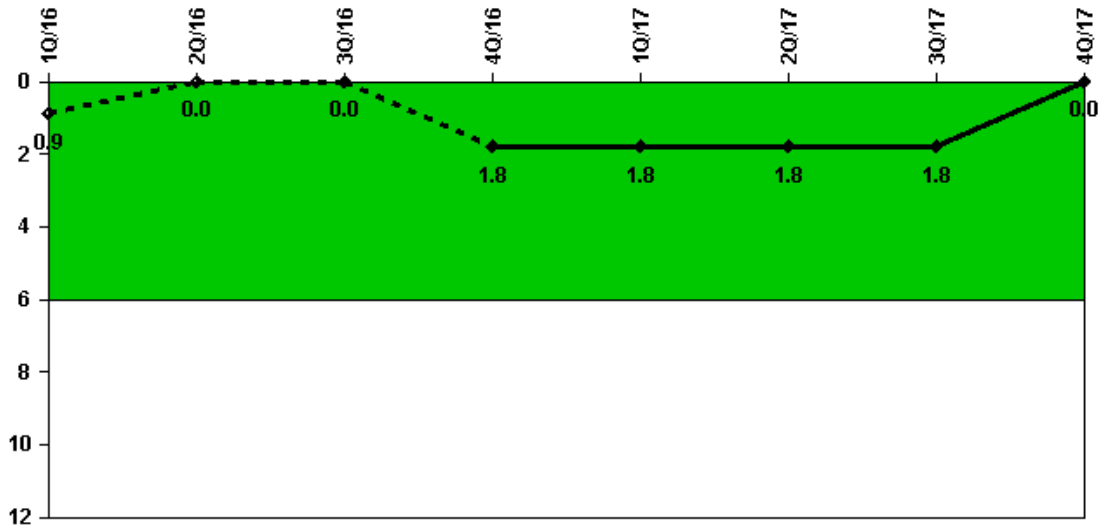
Unplanned Scrams per 7000 Critical Hrs	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Unplanned scrams	0	0	0	3.0	0	0	0	0
Critical hours	2183.0	2184.0	2208.0	1182.5	2159.0	2184.0	2208.0	2209.0

Indicator value 0 0 0 2.7 2.7 2.7 2.7 0

TOP

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

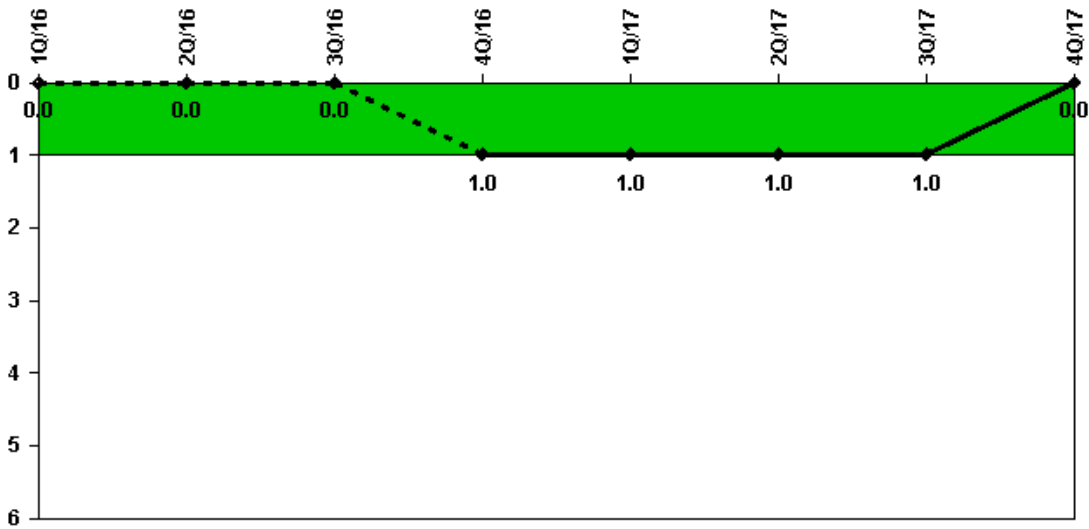
Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Unplanned power changes	0	0	0	2.0	0	0	0	0
Critical hours	2183.0	2184.0	2208.0	1182.5	2159.0	2184.0	2208.0	2209.0
Indicator value	0.9	0	0	1.8	1.8	1.8	1.8	0

TOP

Licensee Comments: none

Unplanned Scrams with Complications



Thresholds: White > 1.0

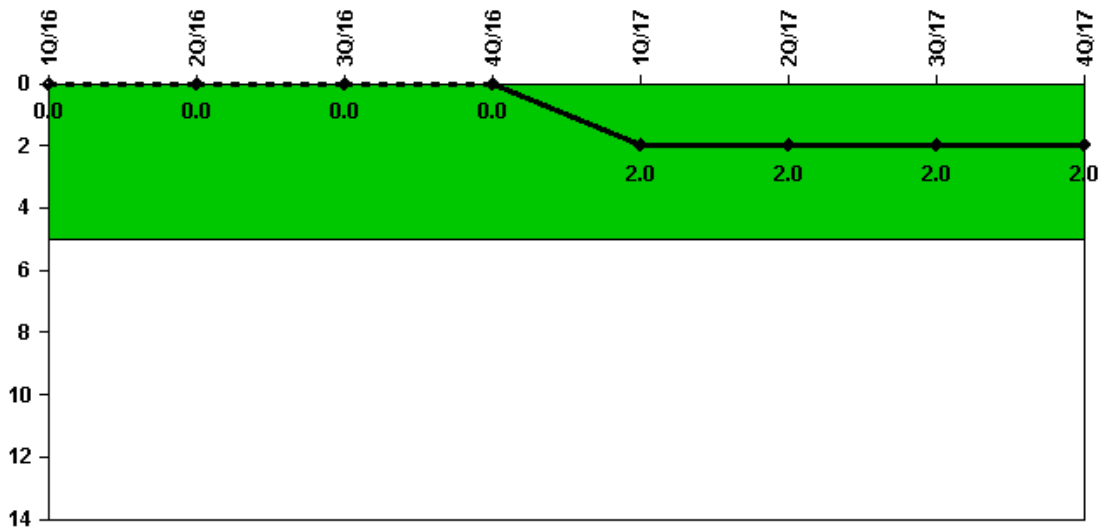
Notes

Unplanned Scrams with Complications	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Scrams with complications	0	0	0	1.0	0	0	0	0
Indicator value	0.0	0.0	0.0	1.0	1.0	1.0	1.0	0.0

TOP

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)1Q/162Q/163Q/164Q/161Q/172Q/173Q/174Q/17

Safety System Functional Failures 0 0 0 0 2 0 0 0

Indicator value 0 0 0 0 2 2 2 2

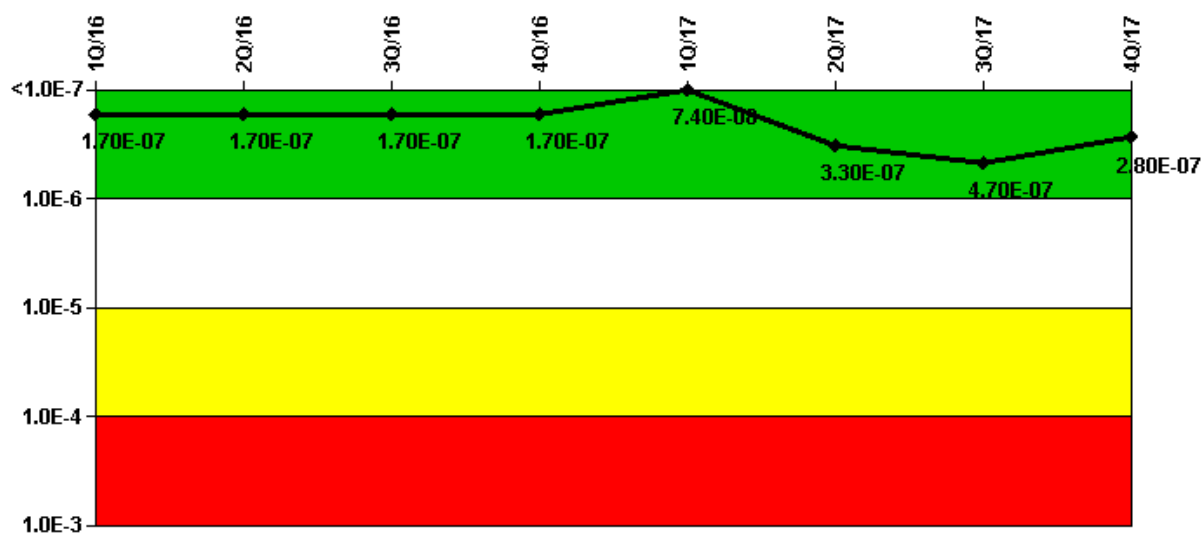
TOP

Licensee Comments:

1Q/17: LER 2016-007-01

1Q/17: LER 2016-007-01

Mitigating Systems Performance Index, Emergency AC Power System



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

Notes

Mitigating Systems Performance Index, Emergency AC Power System

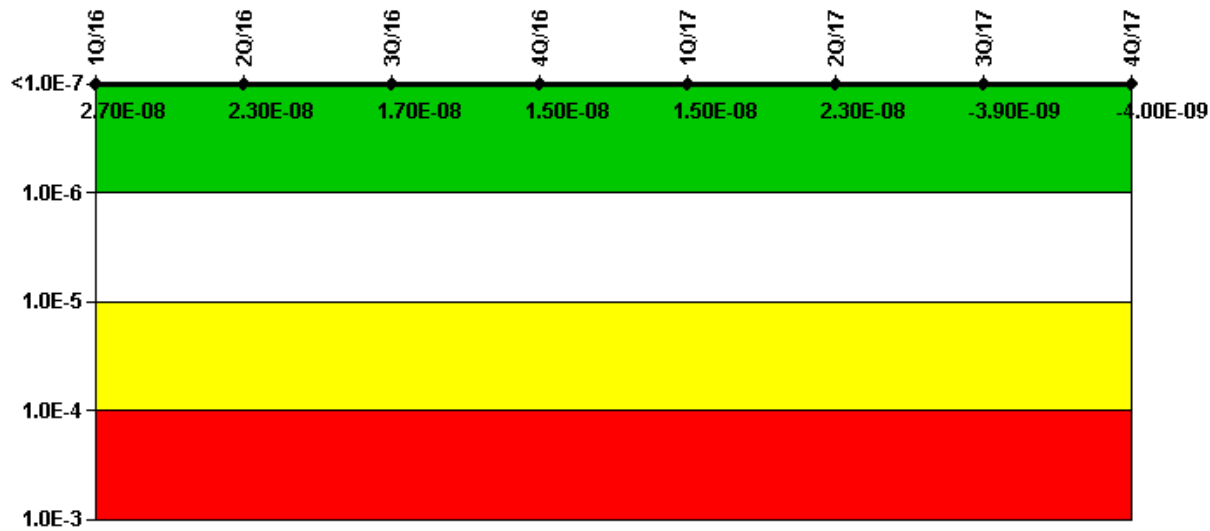
	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
UAI (ΔCDF)	-6.40E-09	-6.44E-09	-6.49E-09	-1.41E-08	-2.70E-08	-2.15E-08	1.26E-07	1.79E-07
URI (ΔCDF)	1.80E-07	1.80E-07	1.80E-07	1.88E-07	1.01E-07	3.47E-07	3.47E-07	1.01E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.70E-07	1.70E-07	1.70E-07	1.70E-07	7.40E-08	3.30E-07	4.70E-07	2.80E-07

TOP

Licensee Comments:

4Q/16: Changed PRA Parameter(s).

Mitigating Systems Performance Index, High Pressure Injection System



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

Notes

Mitigating Systems Performance Index, High Pressure Injection System

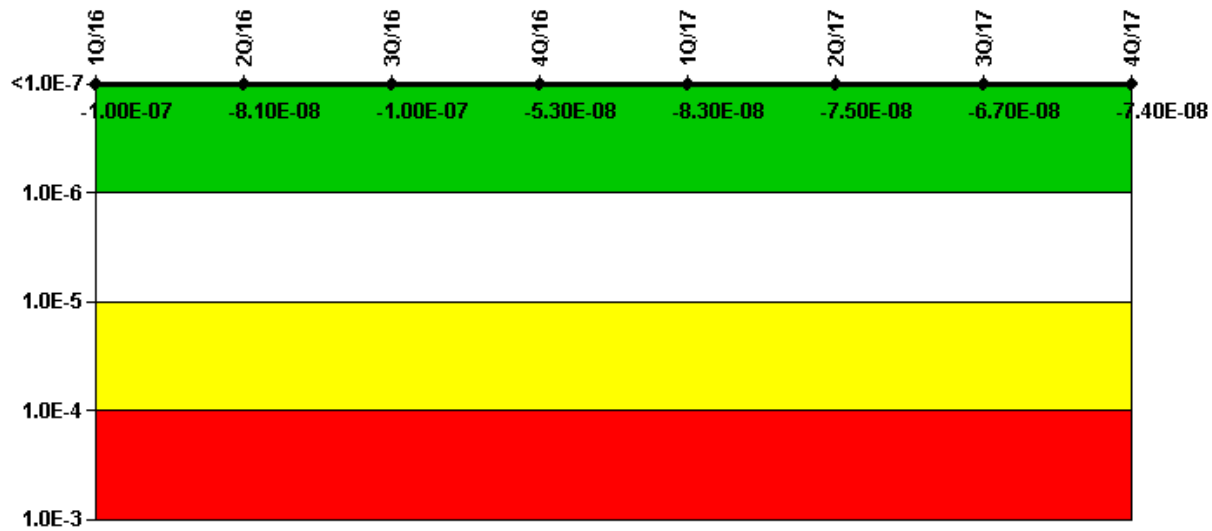
	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
UAI (ΔCDF)	3.00E-08	2.69E-08	2.00E-08	1.82E-08	1.89E-08	2.66E-08	-3.57E-10	-4.48E-10
URI (ΔCDF)	-3.43E-09	-3.43E-09	-3.43E-09	-3.56E-09	-3.56E-09	-3.56E-09	-3.56E-09	-3.56E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.70E-08	2.30E-08	1.70E-08	1.50E-08	1.50E-08	2.30E-08	-3.90E-09	-4.00E-09

TOP

Licensee Comments:

4Q/16: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



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

Notes

Mitigating Systems Performance Index, Heat Removal System

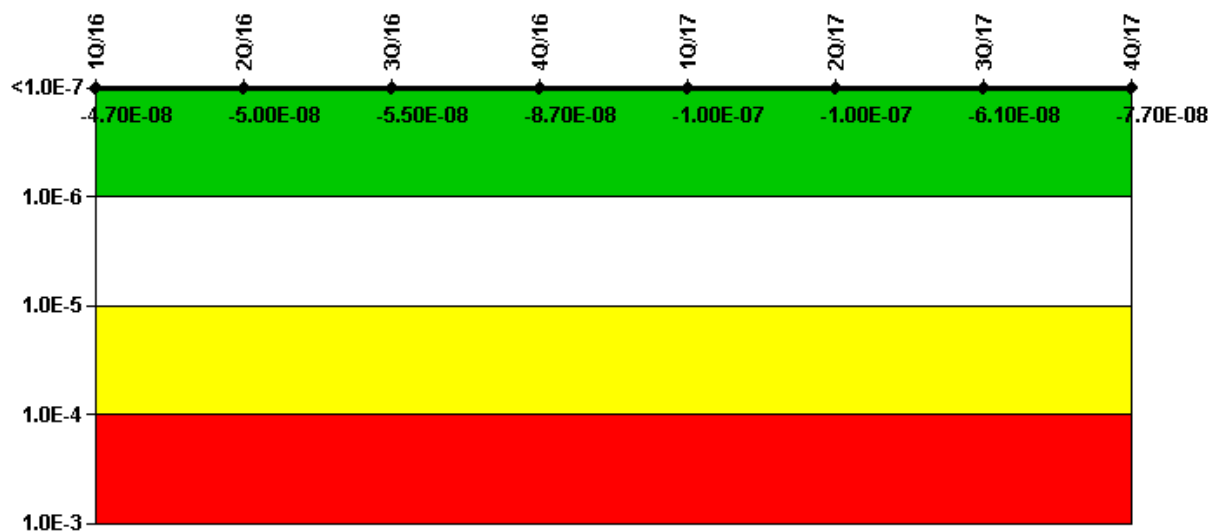
	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
UAI (ΔCDF)	-2.13E-08	7.01E-11	-1.96E-08	-1.68E-08	-4.75E-08	-3.88E-08	-3.10E-08	-3.79E-08
URI (ΔCDF)	-8.15E-08	-8.15E-08	-8.15E-08	-3.59E-08	-3.59E-08	-3.59E-08	-3.59E-08	-3.59E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.00E-07	-8.10E-08	-1.00E-07	-5.30E-08	-8.30E-08	-7.50E-08	-6.70E-08	-7.40E-08

▲ TOP

Licensee Comments:

4Q/16: 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

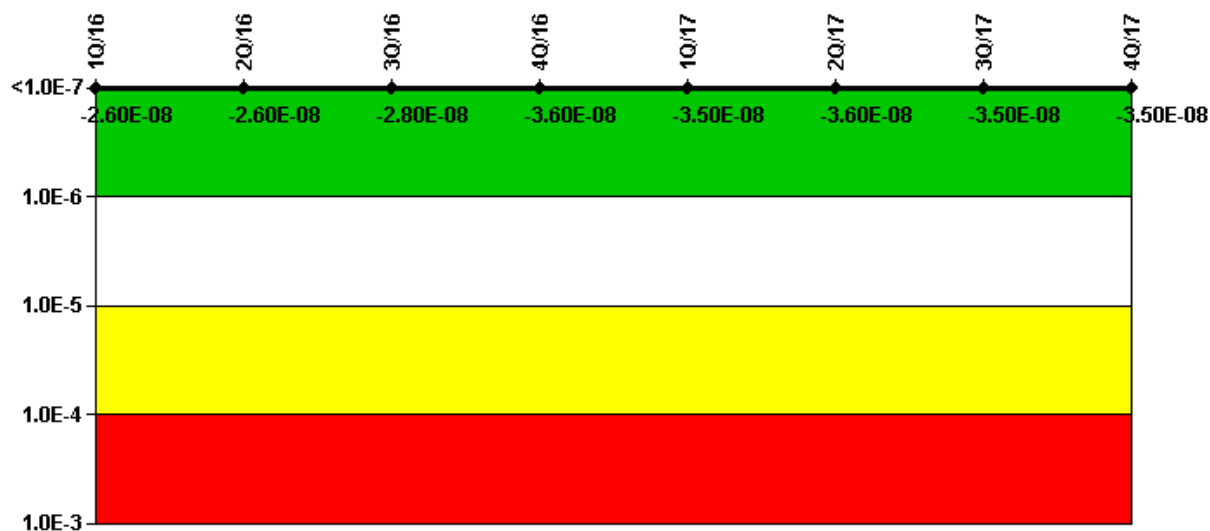
	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
UAI (ΔCDF)	1.89E-08	1.64E-08	1.10E-08	-1.33E-08	-2.84E-08	-2.84E-08	1.28E-08	-4.03E-09
URI (ΔCDF)	-6.59E-08	-6.59E-08	-6.59E-08	-7.34E-08	-7.34E-08	-7.34E-08	-7.34E-08	-7.34E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.70E-08	-5.00E-08	-5.50E-08	-8.70E-08	-1.00E-07	-1.00E-07	-6.10E-08	-7.70E-08

▲ TOP

Licensee Comments:

4Q/16: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



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

Notes

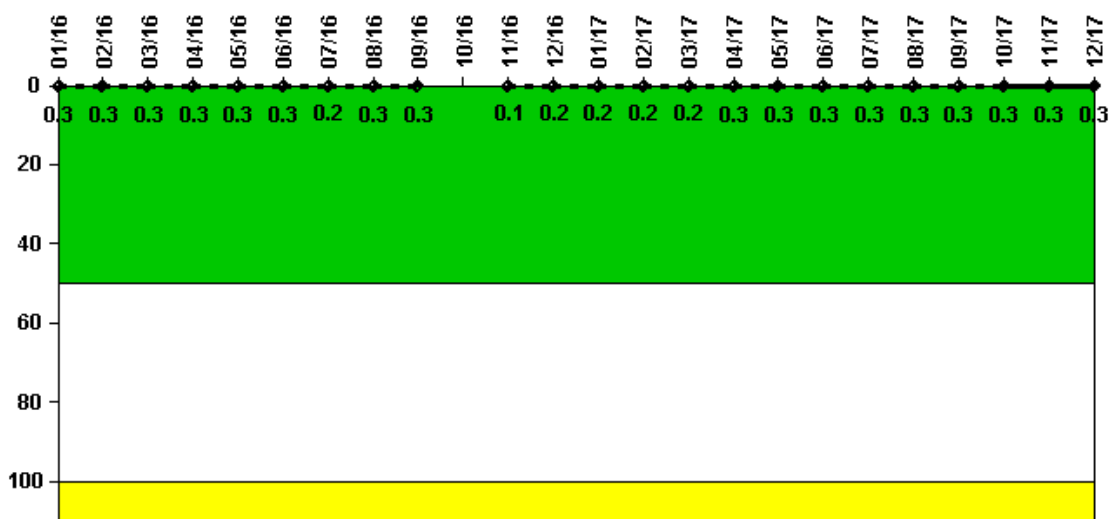
Mitigating Systems Performance Index, Cooling Water Systems

	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
UAI (ΔCDF)	5.18E-09	5.35E-09	3.10E-09	2.36E-09	2.90E-09	2.57E-09	3.32E-09	3.29E-09
URI (ΔCDF)	-3.15E-08	-3.15E-08	-3.15E-08	-3.83E-08	-3.83E-08	-3.83E-08	-3.83E-08	-3.83E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.60E-08	-2.60E-08	-2.80E-08	-3.60E-08	-3.50E-08	-3.60E-08	-3.50E-08	-3.50E-08

▲ TOP

Licensee Comments:

4Q/16: Changed PRA Parameter(s).

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	0.001330	0.001360	0.001390	0.001330	0.001410	0.001490	0.001230	0.001380	0.001490	N/A	0.000745	0.000879
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5

Indicator value

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	0.000894	0.000916	0.000995	0.001280	0.001260	0.001360	0.001430	0.001430	0.001500	0.001530	0.001610	0.001680
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5

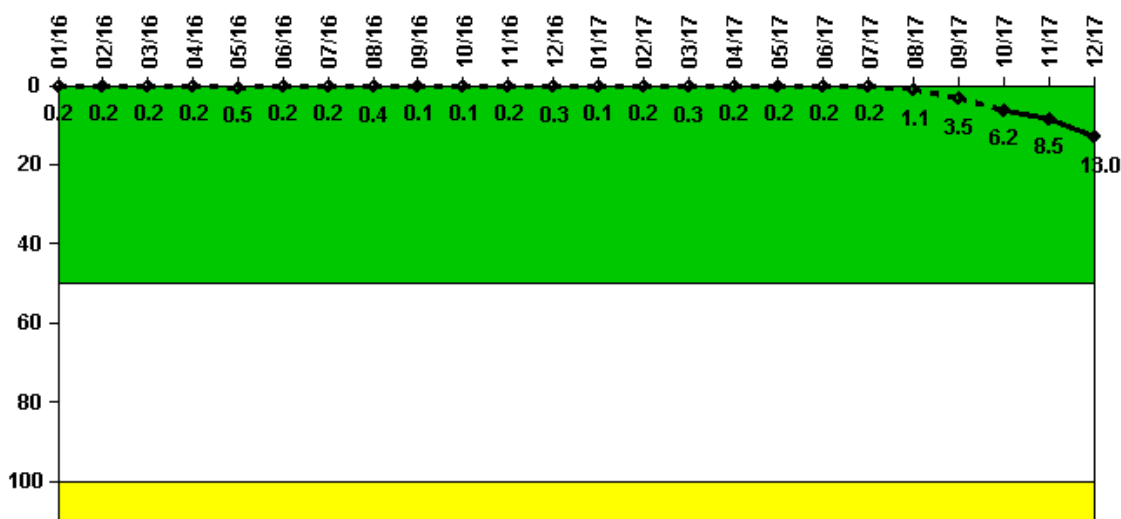
Indicator value

0.2 0.2 0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3

▲ 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	0.016	0.020	0.020	0.018	0.050	0.019	0.016	0.036	0.013	0.014	0.023	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

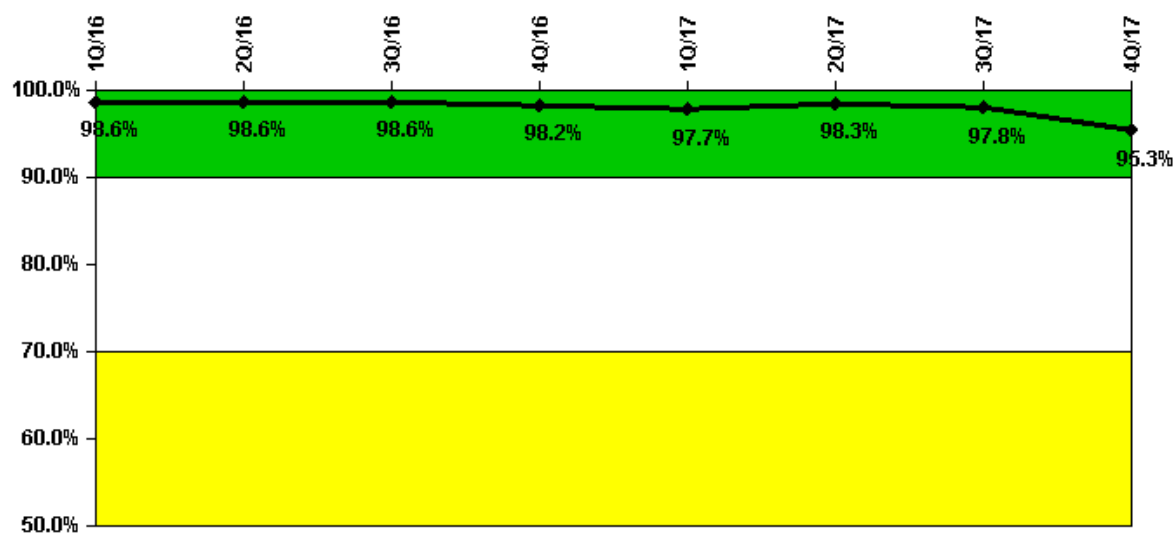
Indicator value	0.2	0.2	0.2	0.2	0.5	0.2	0.2	0.4	0.1	0.1	0.2	0.3
Reactor Coolant System Leakage	1/17	2/17	3/17	4/17	5/17	6/17	7/17	8/17	9/17	10/17	11/17	12/17
Maximum leakage	0.014	0.021	0.026	0.016	0.016	0.022	0.019	0.106	0.353	0.619	0.848	1.300
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0

Indicator value	0.1	0.2	0.3	0.2	0.2	0.2	0.2	1.1	3.5	6.2	8.5	13.0

TOP

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

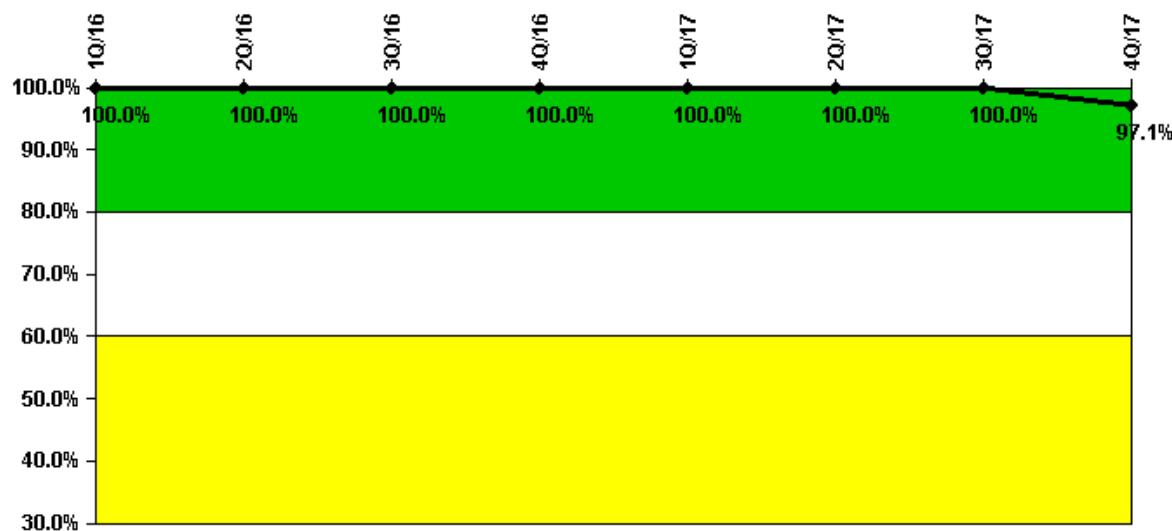
Drill/Exercise Performance	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Successful opportunities	84.0	39.0	37.0	6.0	35.0	64.0	23.0	17.0
Total opportunities	87.0	40.0	37.0	7.0	36.0	64.0	24.0	25.0

Indicator value 98.6% 98.6% 98.6% 98.2% 97.7% 98.3% 97.8% 95.3%

▲ TOP

Licensee Comments: none

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

Notes

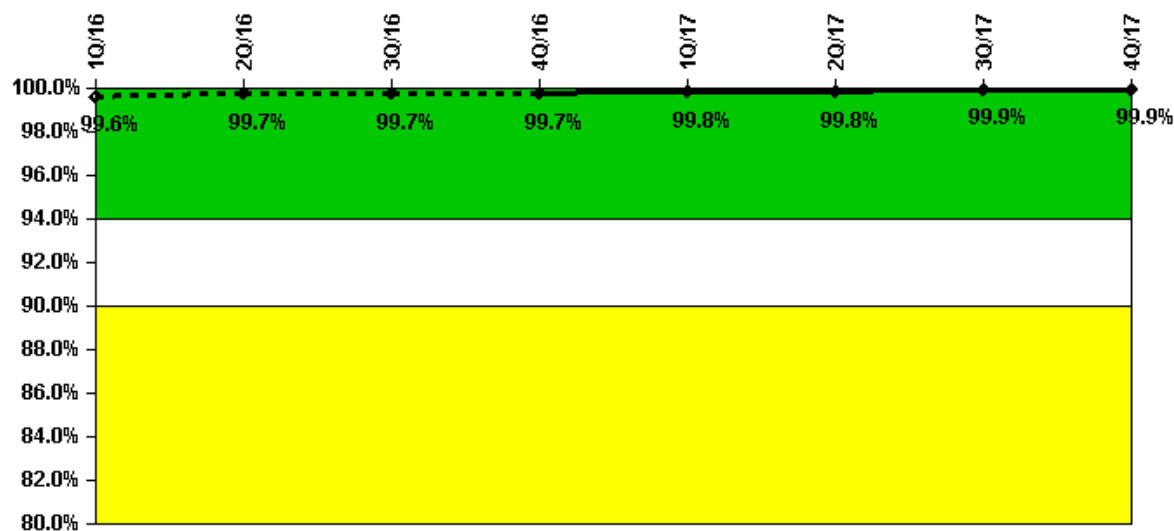
ERO Drill Participation	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Participating Key personnel	120.0	116.0	120.0	121.0	113.0	110.0	70.0	67.0
Total Key personnel	120.0	116.0	120.0	121.0	113.0	110.0	70.0	69.0

Indicator value **100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 97.1%**

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Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

Notes

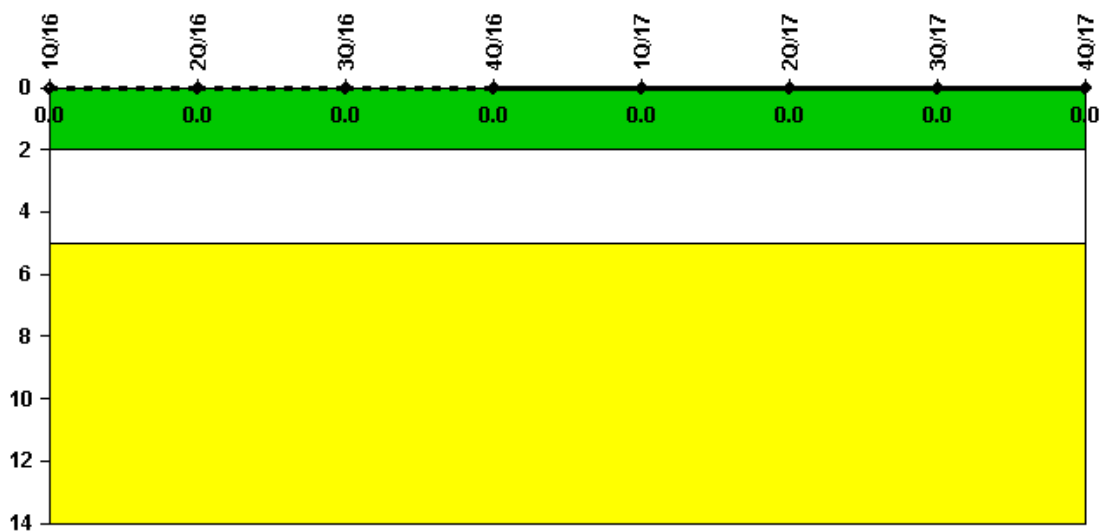
Alert & Notification System	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Successful siren-tests	1152	1157	1152	1244	1155	1156	1157	1243
Total sirens-tests	1157	1157	1157	1246	1157	1157	1157	1246

Indicator value **99.6% 99.7% 99.7% 99.7% 99.8% 99.8% 99.9% 99.9%**

▲ TOP

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

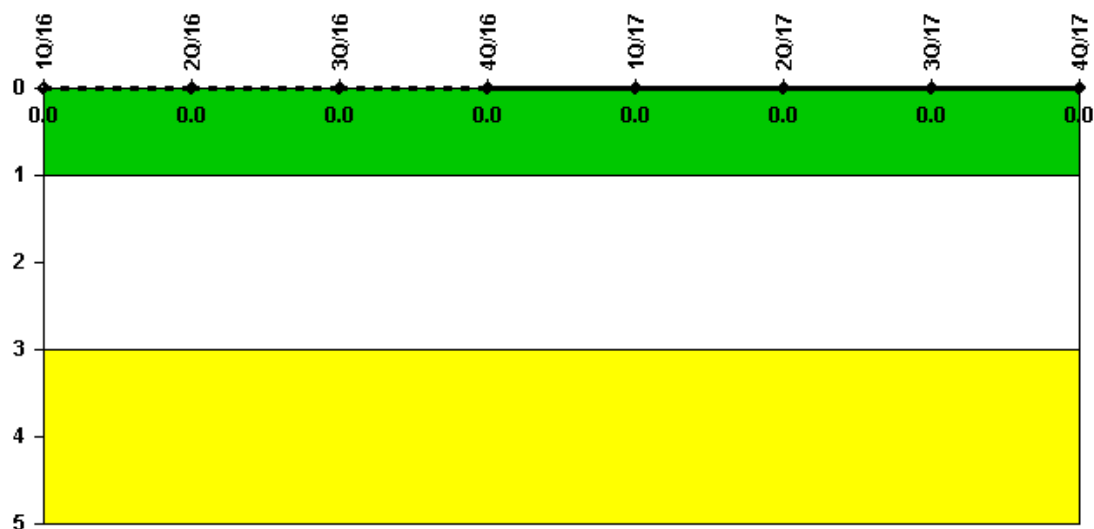
Occupational Exposure Control Effectiveness1Q/162Q/163Q/164Q/161Q/172Q/173Q/174Q/17

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

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