

Turkey Point 4

1Q/2000 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



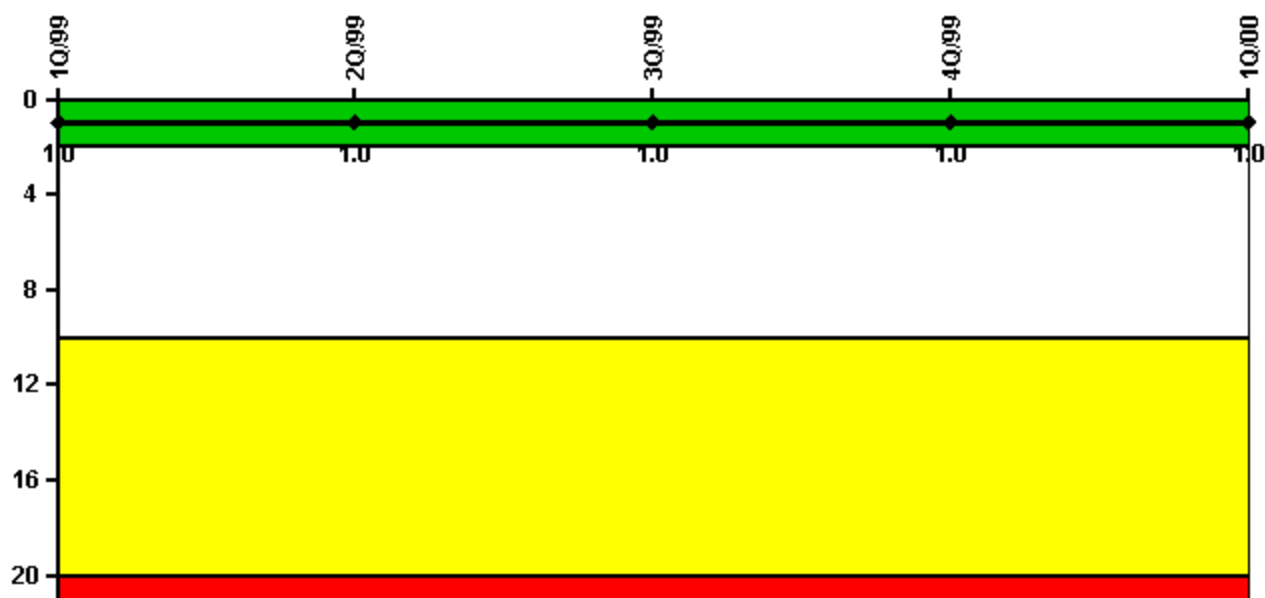
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Unplanned scrams	0	0	0	0	1.0
Critical hours	1752.0	2037.7	2208.0	2209.0	2131.6
Indicator value	0	0	0	0	0.8

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



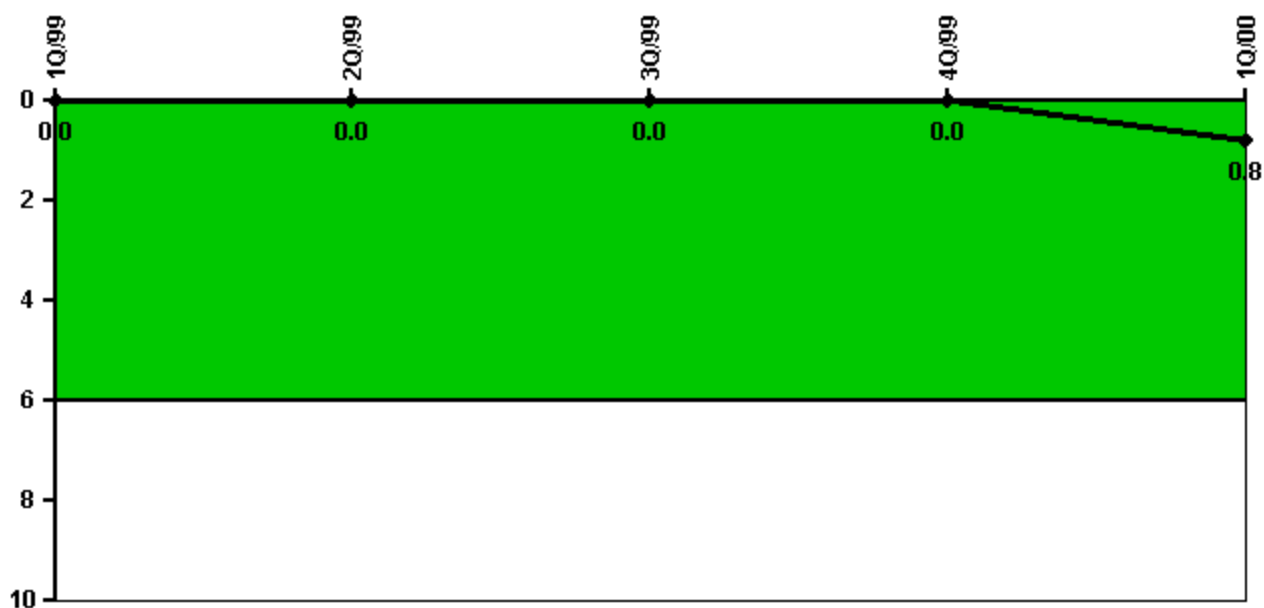
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Scrams	0	0	0	0	0
Indicator value	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/99	2Q/99	3Q/99	4Q/99	1Q/00
Unplanned power changes	0	0	0	0	1.0
Critical hours	1752.0	2037.7	2208.0	2209.0	2131.6
Indicator value	0	0	0	0	0.8

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



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

Notes

Safety System Unavailability, Emergency AC Power	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	0	17.20	0	0	0
Unplanned unavailable hours	0	0	0	0	20.00
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1962.00	2133.00	2208.00	2209.00	2184.00
Train 2					
Planned unavailable hours	3.50	6.40	21.60	0	0
Unplanned unavailable hours	0	0	0	22.50	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1962.00	2133.00	2208.00	2209.00	2184.00
Indicator value			0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



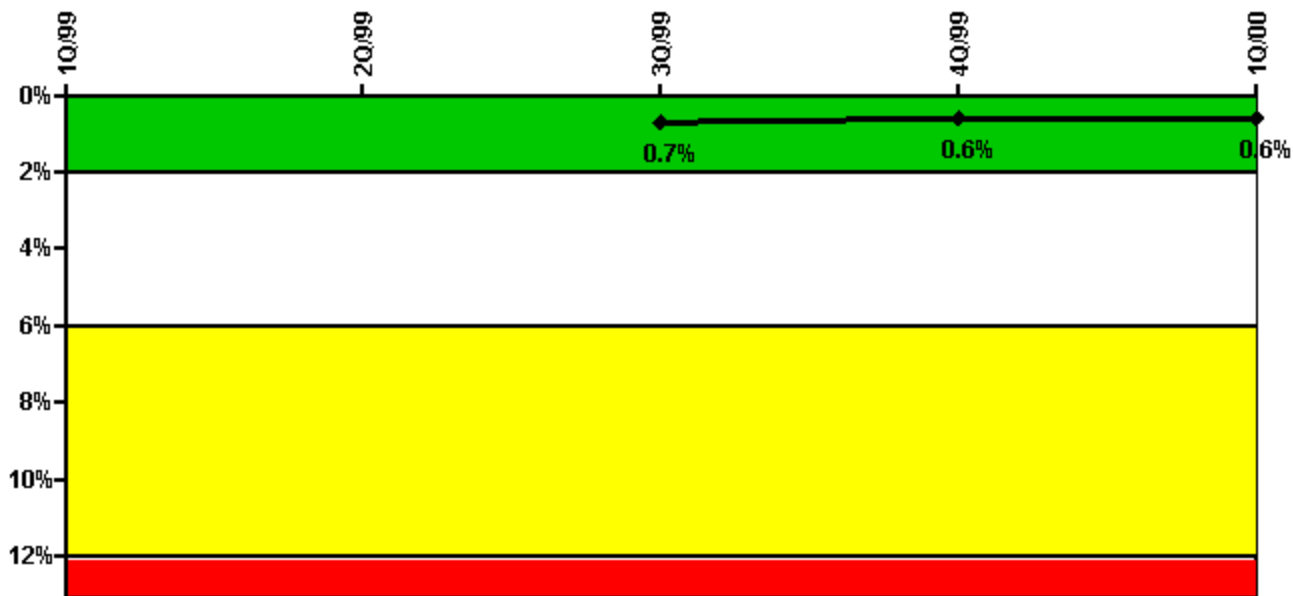
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	1.80	2.30	97.50	1.90	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	1758.40	2069.00	2208.00	2209.00	2184.00
Train 2					
Planned unavailable hours	4.80	13.10	13.50	1.50	0
Unplanned unavailable hours	1.20	0	0	0	0
Fault exposure hours	49.00	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1758.40	2069.00	2208.00	2209.00	2184.00
Indicator value			0.7%	0.7%	0.6%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



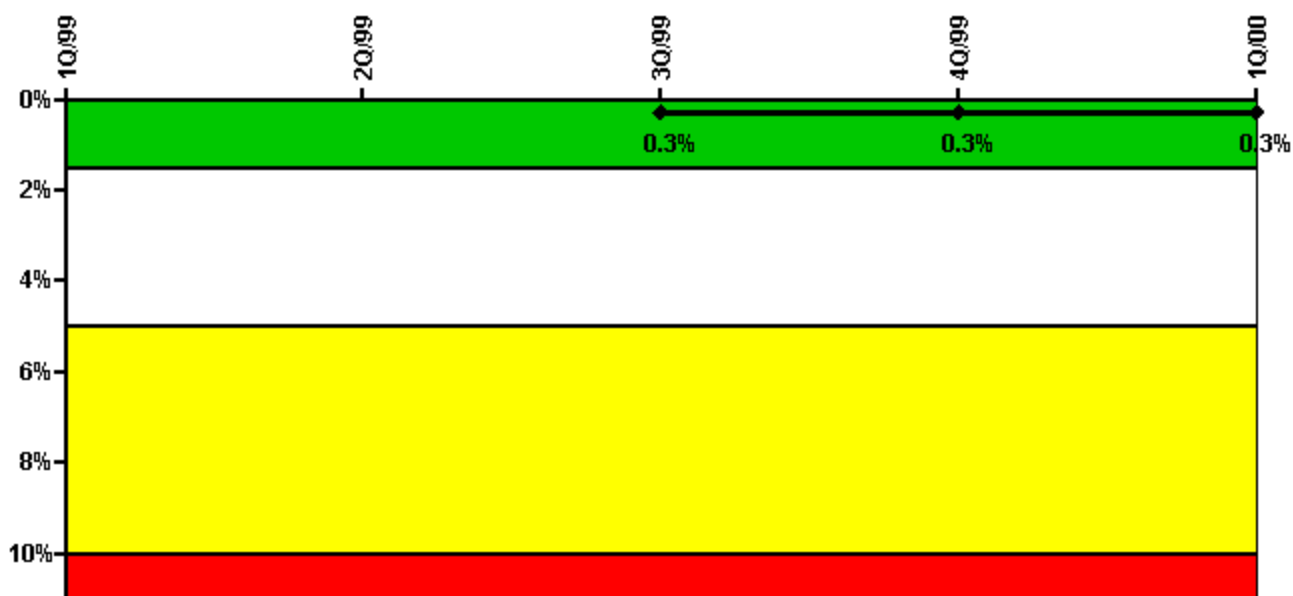
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	15.27	0	0	0.33	17.83
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	1758.40	2068.10	2208.00	2209.00	2184.00
Train 2					
Planned unavailable hours	13.42	0	15.02	0.67	41.77
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	1758.40	2068.10	2208.00	2209.00	2184.00
Indicator value			0.7%	0.6%	0.6%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



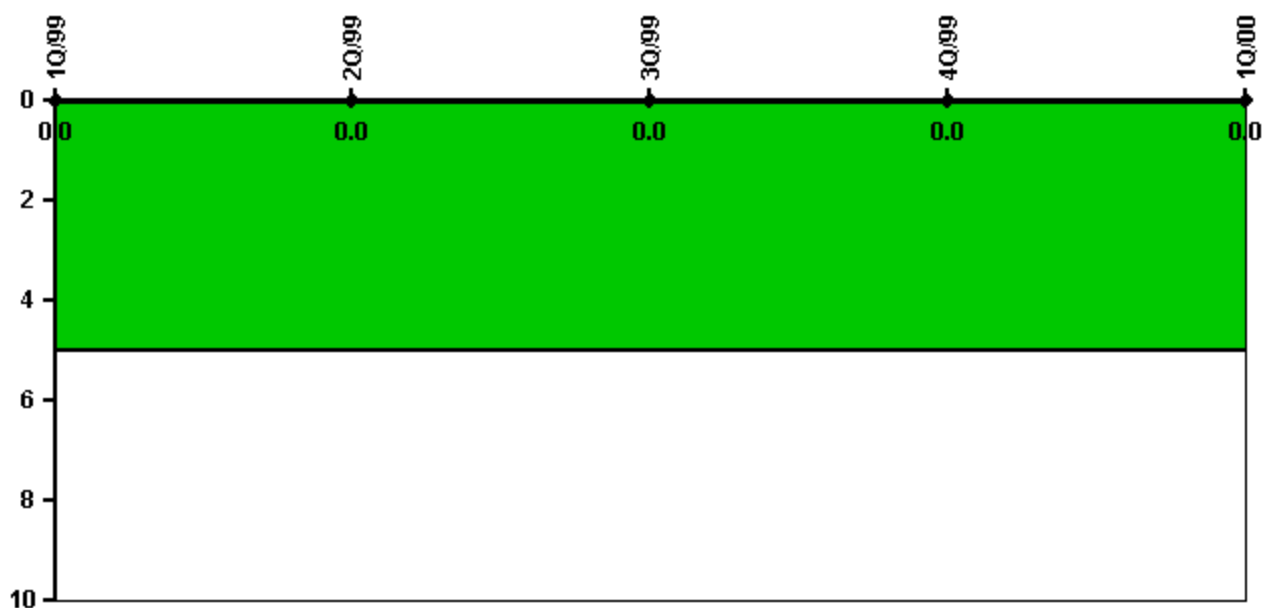
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

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	0.90	0.70	0.70	0.90
Unplanned unavailable hours	0	56.50	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1940.00	2159.00	2208.00	2209.00	2184.00
Train 2					
Planned unavailable hours	6.00	10.00	0.60	2.00	1.00
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	1940.00	2159.00	2208.00	2209.00	2184.00
Indicator value			0.3%	0.3%	0.3%

Licensee Comments: none

Safety System Functional Failures (PWR)



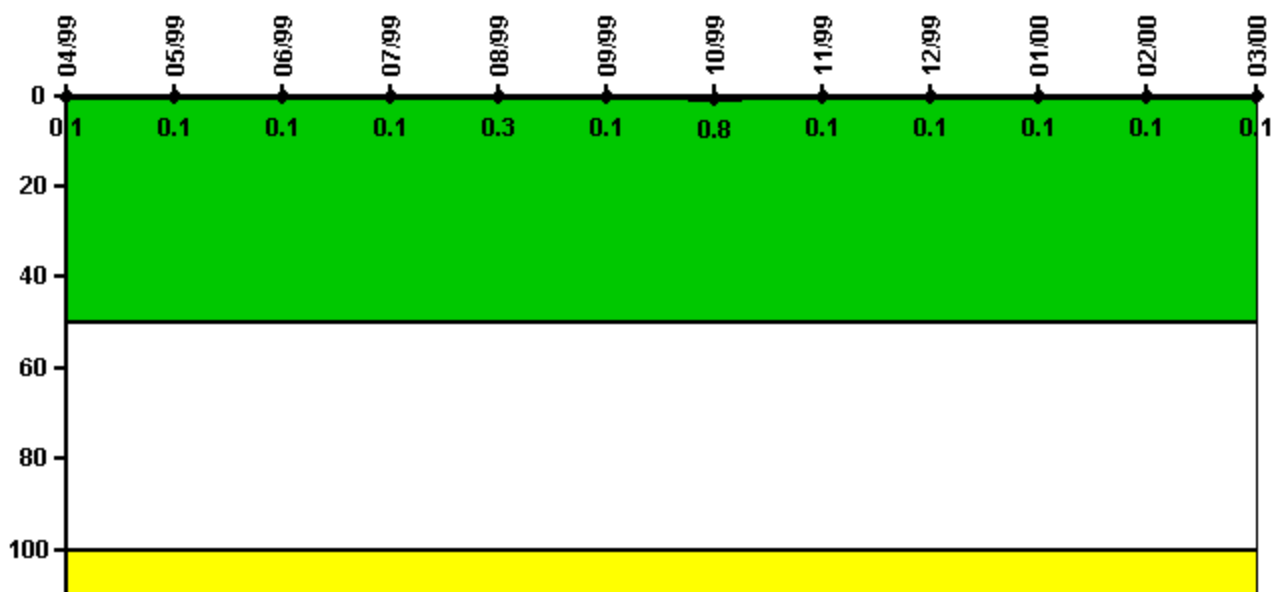
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



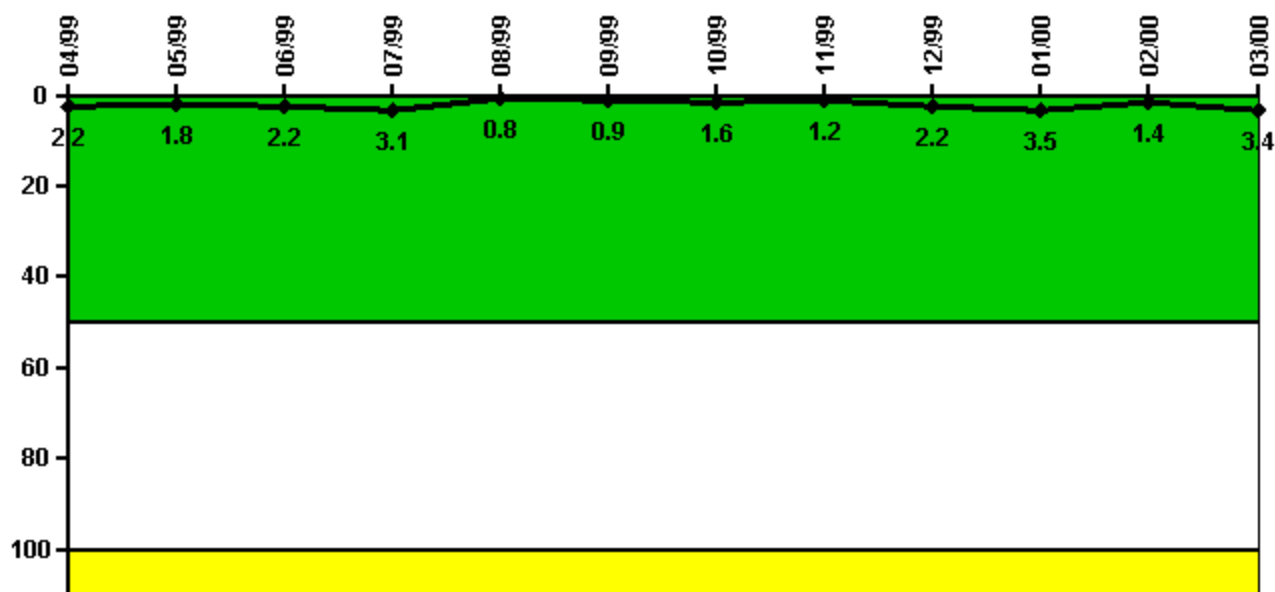
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	4/99	5/99	6/99	7/99	8/99	9/99	10/99	11/99	12/99	1/00	2/00	3/00
Maximum activity	0.000670	0.000840	0.000849	0.000889	0.002750	0.000978	0.007730	0.000908	0.000964	0.001010	0.001030	0.001200
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.3	0.1	0.8	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



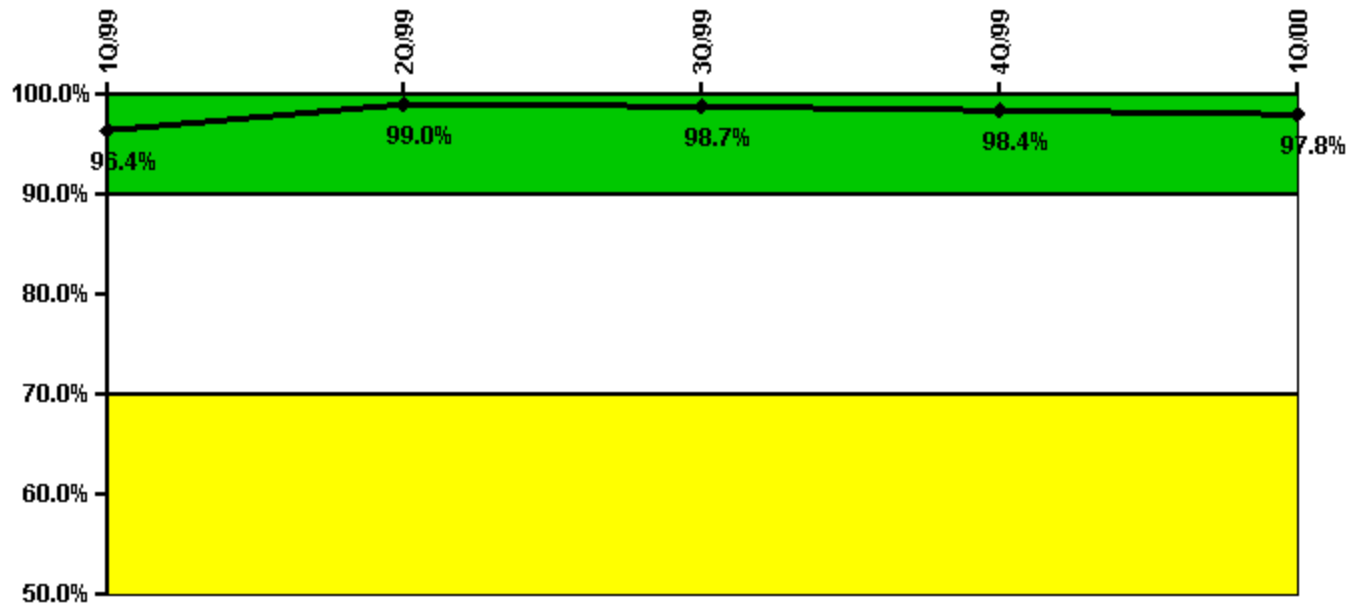
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/99	5/99	6/99	7/99	8/99	9/99	10/99	11/99	12/99	1/00	2/00	3/00
Maximum leakage	0.220	0.180	0.220	0.310	0.080	0.090	0.160	0.120	0.220	0.350	0.140	0.340
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.2	1.8	2.2	3.1	0.8	0.9	1.6	1.2	2.2	3.5	1.4	3.4

Licensee Comments: none

Drill/Exercise Performance



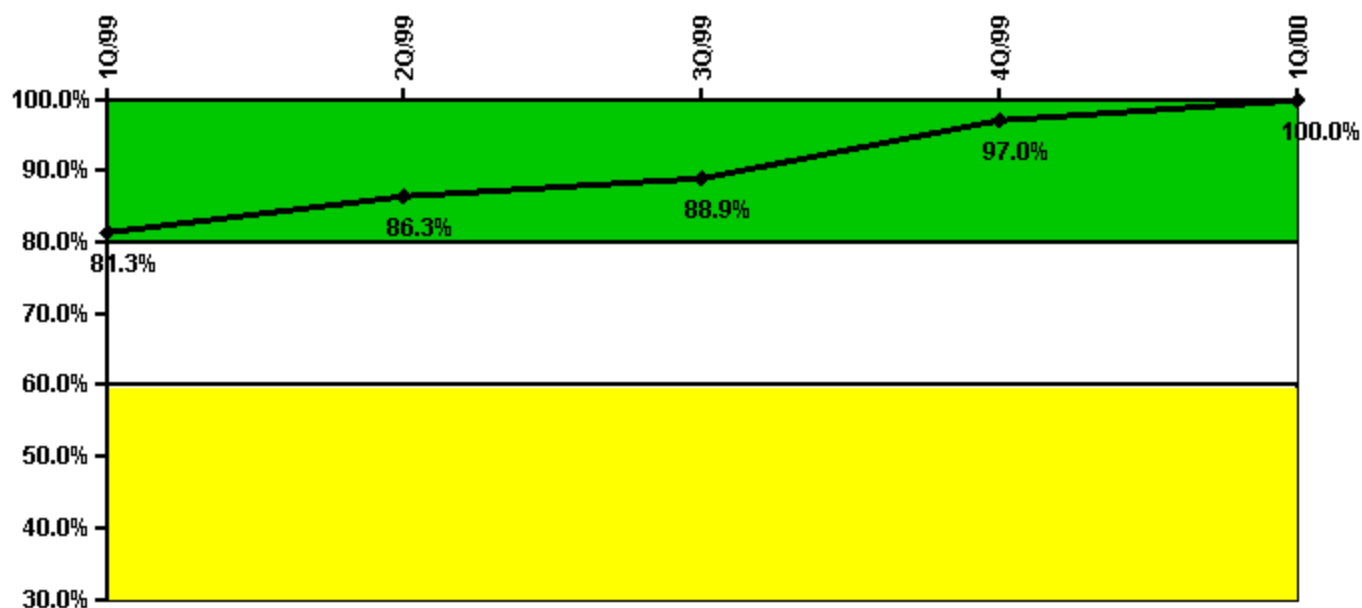
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Successful opportunities	72.0	100.0	141.0	104.0	58.0
Total opportunities	75.0	100.0	144.0	106.0	63.0
Indicator value	96.4%	99.0%	98.7%	98.4%	97.8%

Licensee Comments: none

ERO Drill Participation



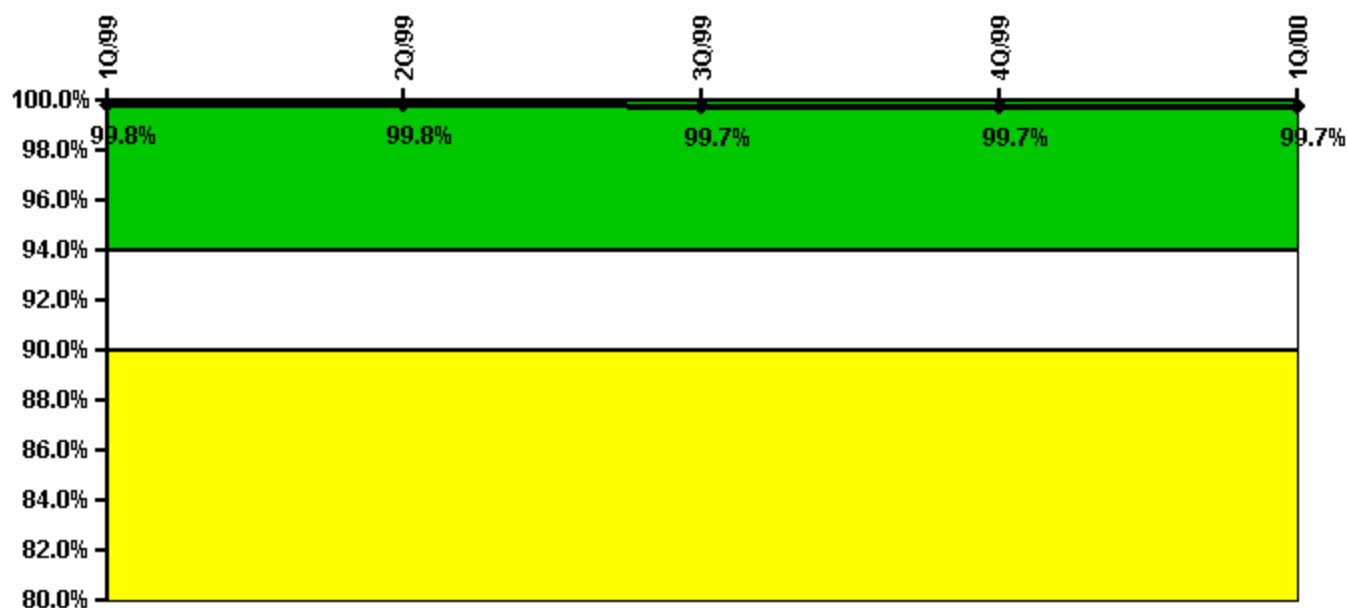
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Participating Key personnel	87.0	88.0	72.0	64.0	70.0
Total Key personnel	107.0	102.0	81.0	66.0	70.0
Indicator value	81.3%	86.3%	88.9%	97.0%	100.0%

Licensee Comments: none

Alert & Notification System



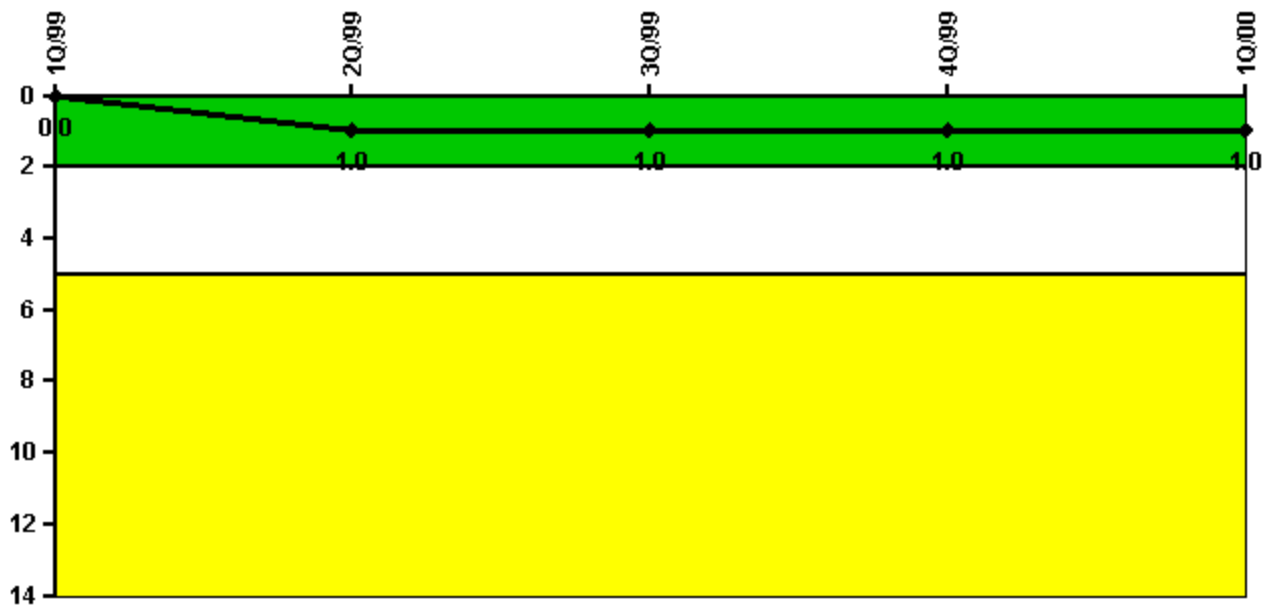
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Successful siren-tests	281	282	468	328	328
Total sirens-tests	282	282	470	329	329
Indicator value	99.8%	99.8%	99.7%	99.7%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



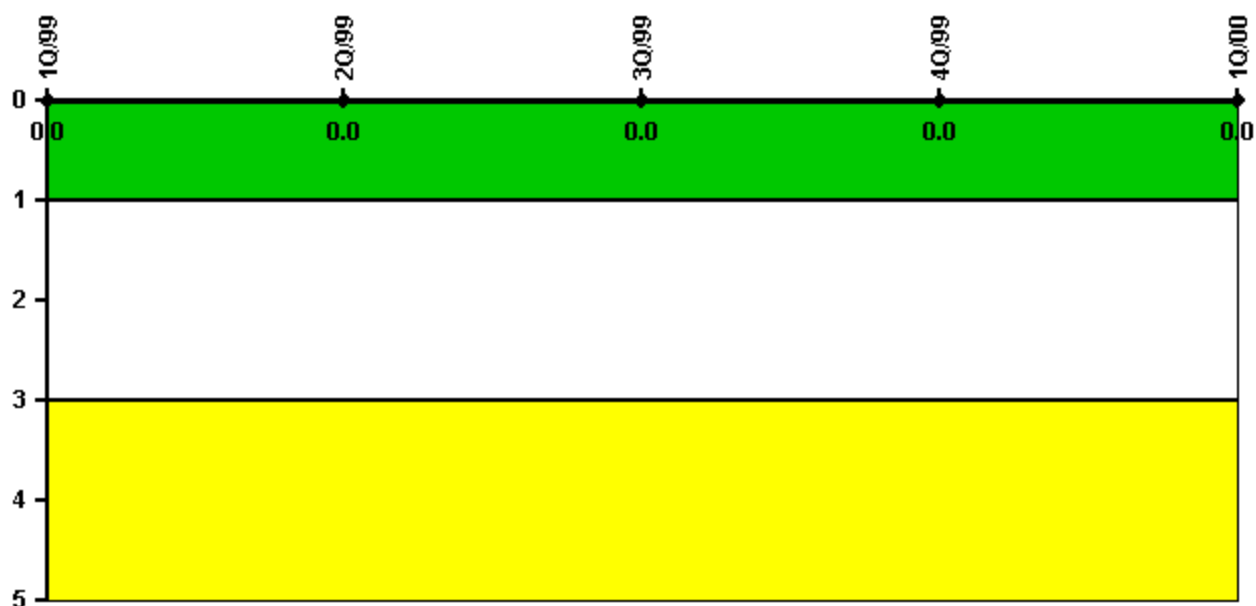
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

RETS/ODCM Radiological Effluent



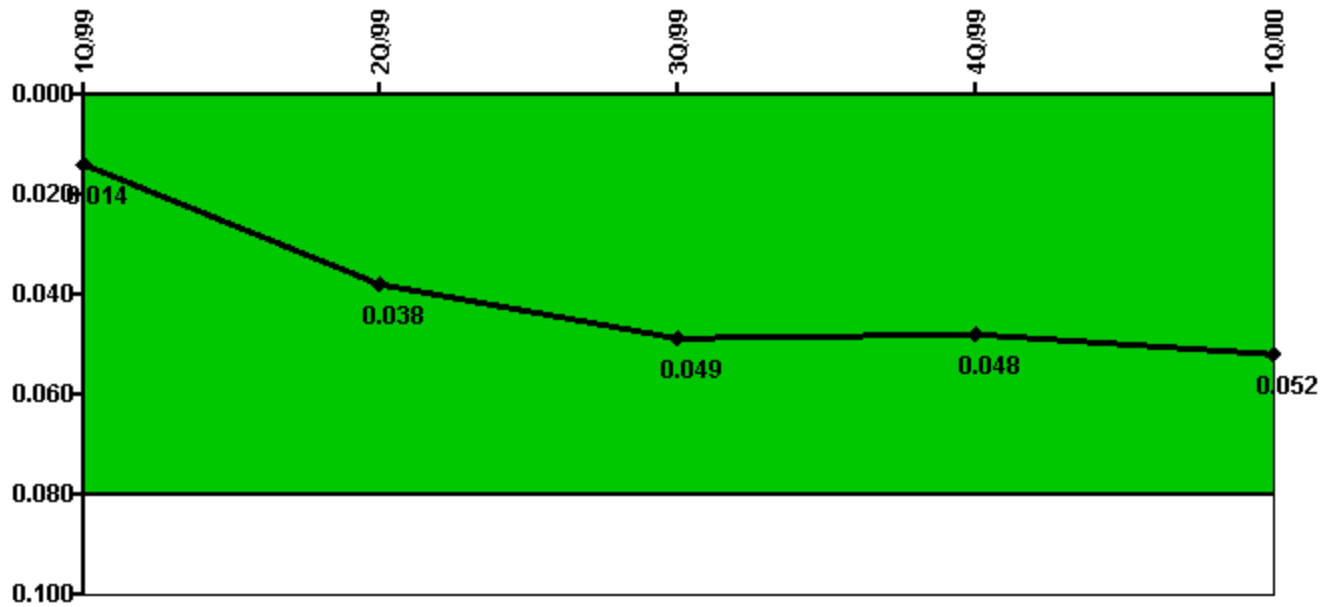
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	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



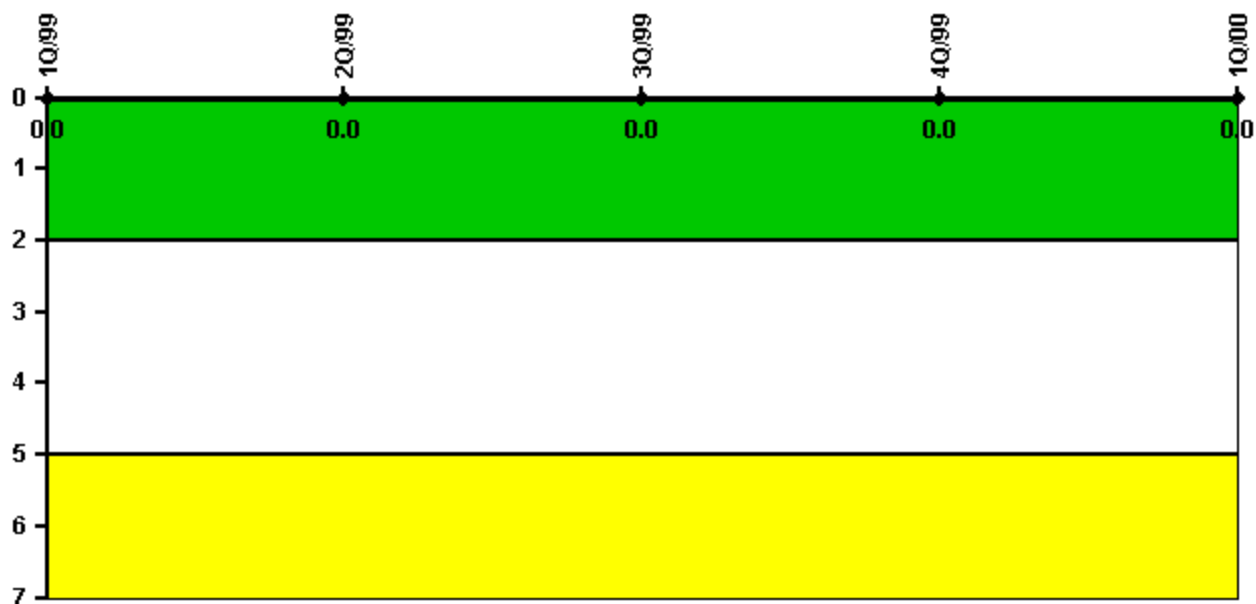
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
IDS compensatory hours	32.80	1066.80	465.90	90.40	169.50
CCTV compensatory hours	0	0	0	0	0
IDS normalization factor	1.95	1.95	1.95	1.95	1.95
CCTV normalization factor	2.2	2.2	2.2	2.2	2.2
Index Value	0.014	0.038	0.049	0.048	0.052

Licensee Comments: none

Personnel Screening Program



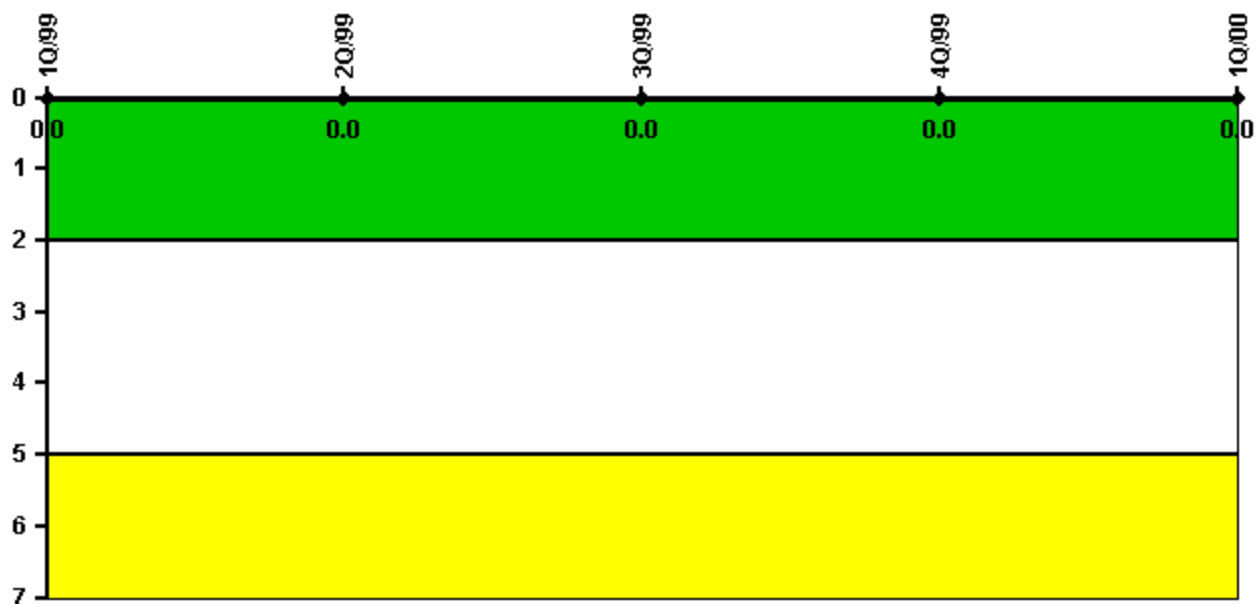
Thresholds: White > 2.0 Yellow > 5.0

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](#)

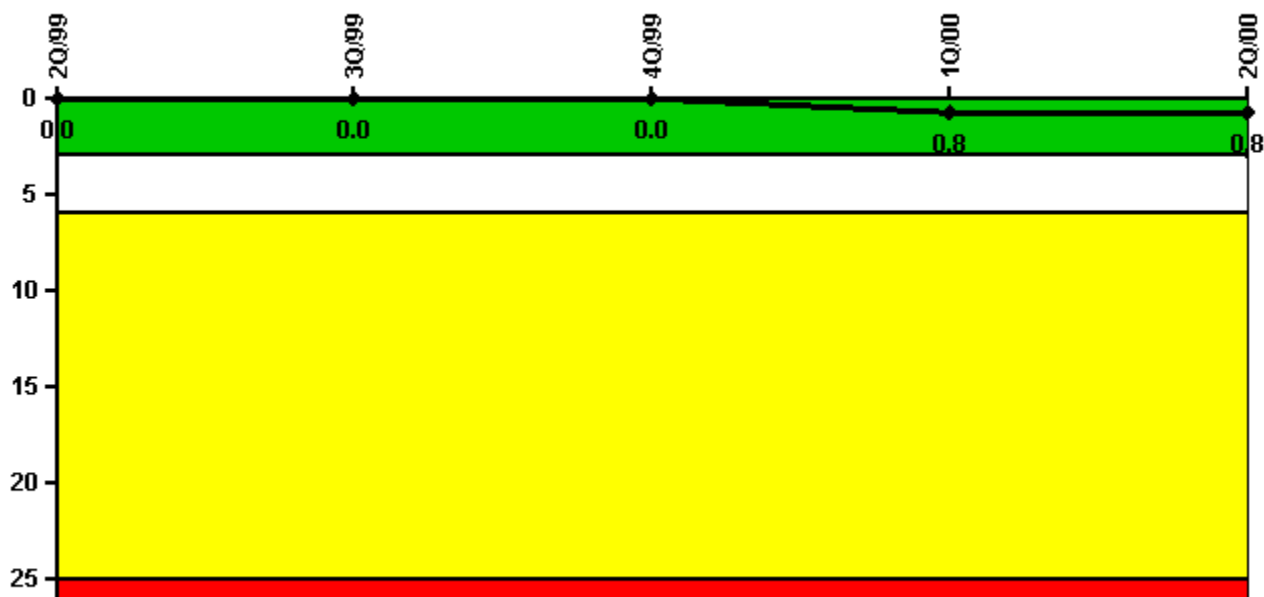
Last Modified: April 1, 2002

Turkey Point 4

2Q/2000 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



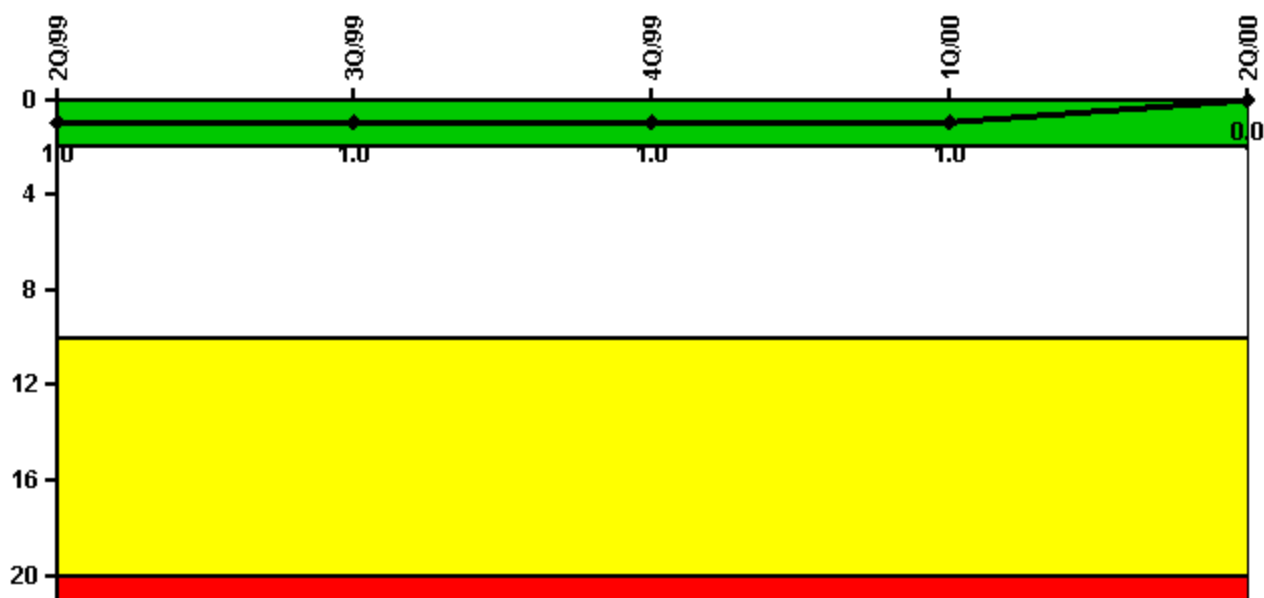
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Unplanned scrams	0	0	0	1.0	0
Critical hours	2037.7	2208.0	2209.0	2131.6	2183.0
Indicator value	0	0	0	0.8	0.8

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



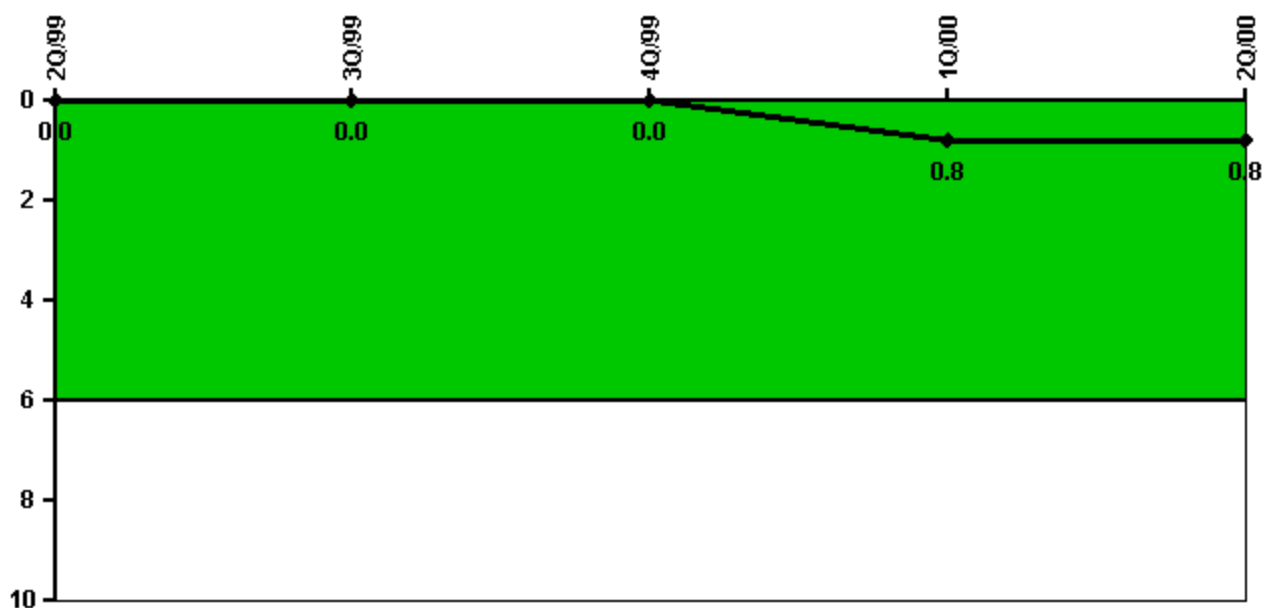
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



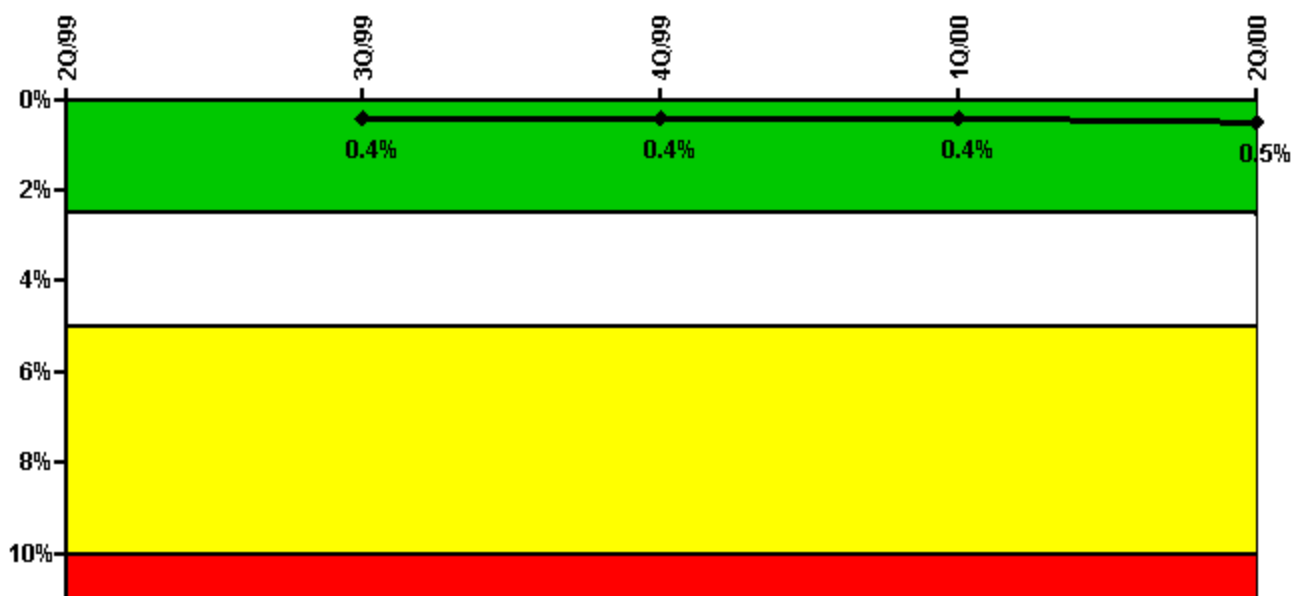
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Unplanned power changes	0	0	0	1.0	0
Critical hours	2037.7	2208.0	2209.0	2131.6	2183.0
Indicator value	0	0	0	0.8	0.8

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



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

Notes

Safety System Unavailability, Emergency AC Power	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	17.20	0	0	0	4.00
Unplanned unavailable hours	0	0	0	20.00	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2133.00	2208.00	2209.00	2184.00	2183.00
Train 2					
Planned unavailable hours	6.40	21.60	0	0	5.70
Unplanned unavailable hours	0	0	22.50	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2133.00	2208.00	2209.00	2184.00	2183.00
Indicator value		0.4%	0.4%	0.4%	0.5%

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/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	2.30	97.50	1.90	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	2069.00	2208.00	2209.00	2184.00	2183.00
Train 2					
Planned unavailable hours	13.10	13.50	1.50	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	2069.00	2208.00	2209.00	2184.00	2183.00
Indicator value		0.7%	0.7%	0.6%	0.5%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



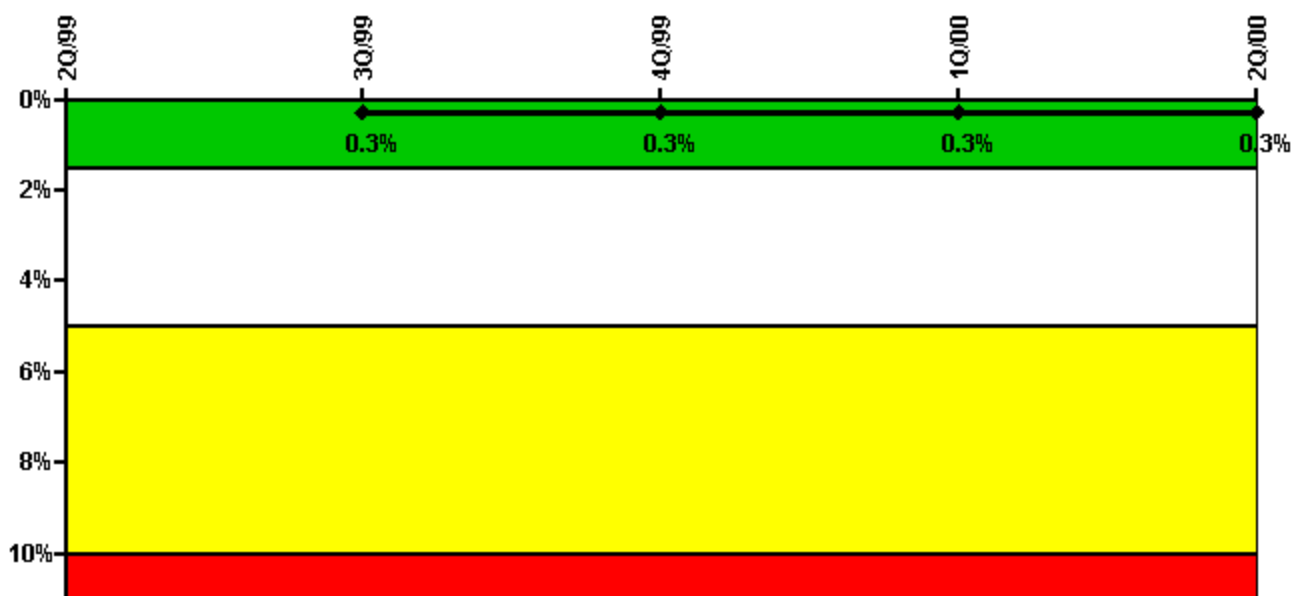
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	0	0	0.33	17.83	0
Unplanned unavailable hours	0	0	0	0	10.40
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2068.10	2208.00	2209.00	2184.00	2183.00
Train 2					
Planned unavailable hours	0	15.02	0.67	41.77	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	2068.10	2208.00	2209.00	2184.00	2183.00
Indicator value		0.7%	0.6%	0.6%	0.6%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



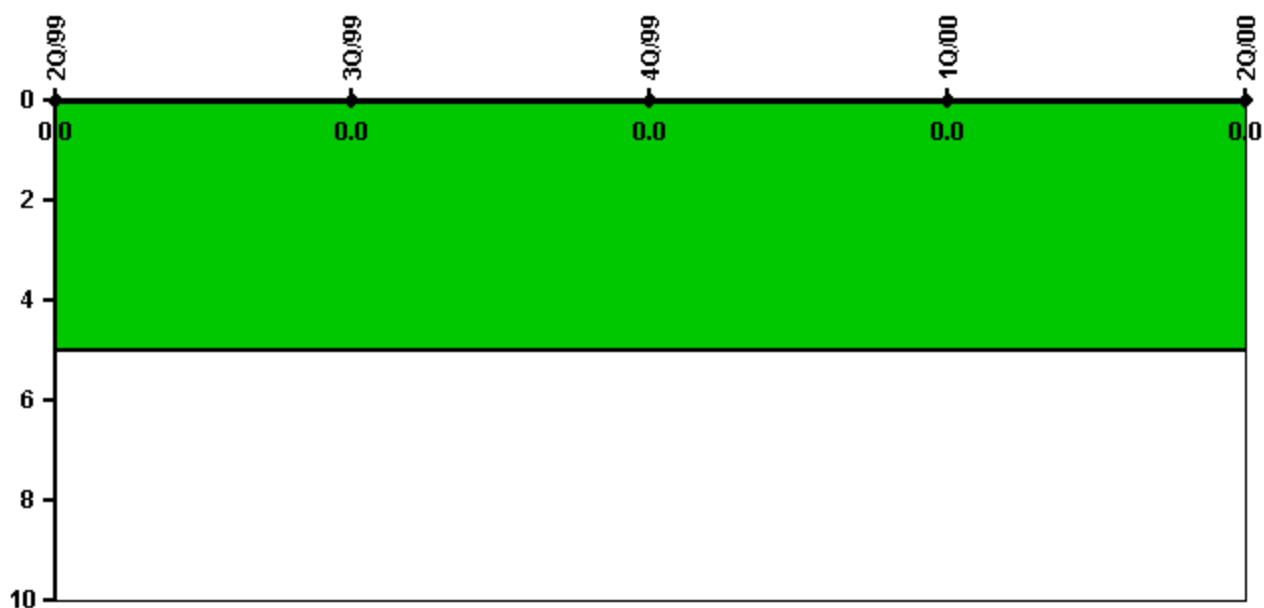
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	0.90	0.70	0.70	0.90	0.30
Unplanned unavailable hours	56.50	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2159.00	2208.00	2209.00	2184.00	2183.00
Train 2					
Planned unavailable hours	10.00	0.60	2.00	1.00	0.30
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	2159.00	2208.00	2209.00	2184.00	2183.00
Indicator value		0.3%	0.3%	0.3%	0.3%

Licensee Comments: none

Safety System Functional Failures (PWR)



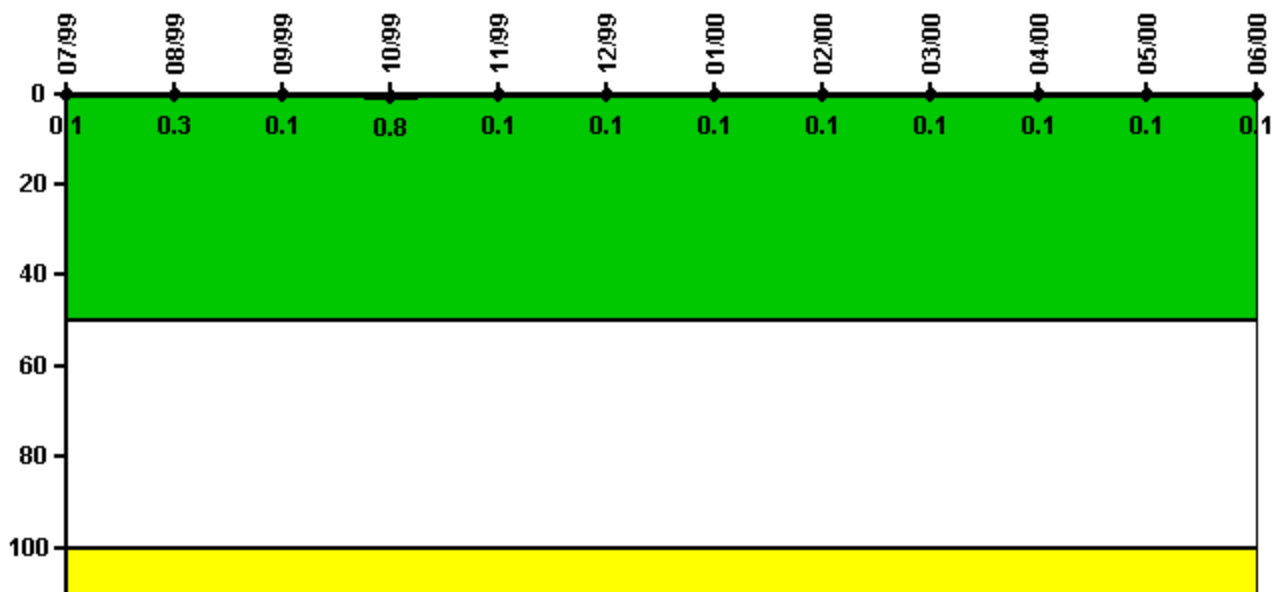
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



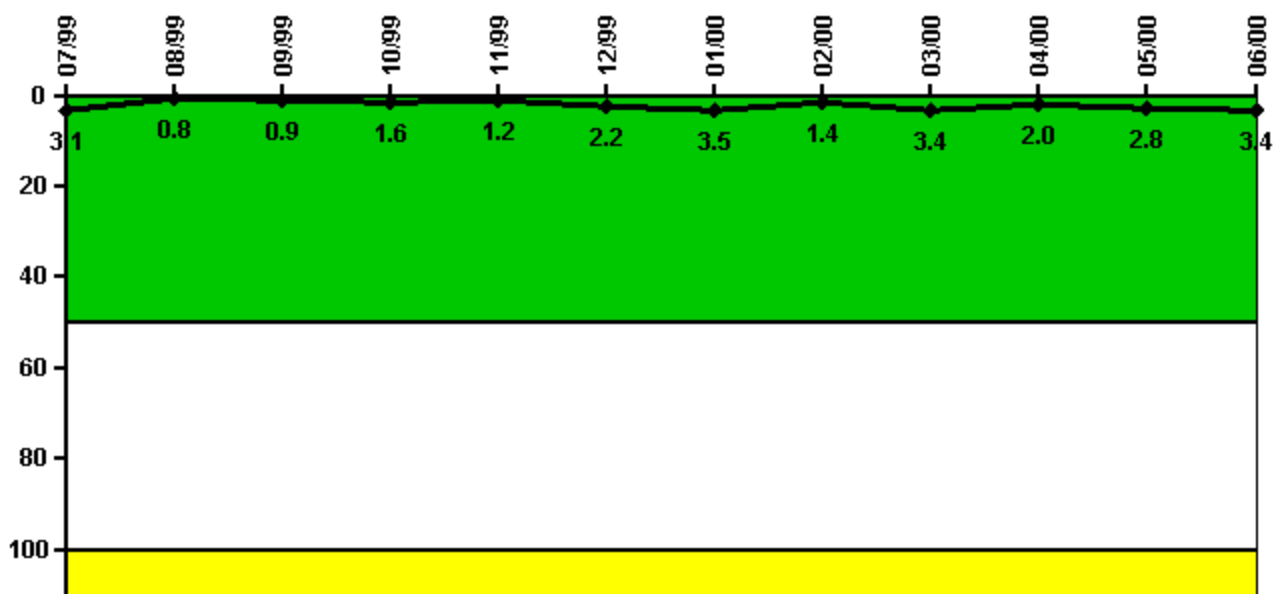
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/99	8/99	9/99	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00
Maximum activity	0.000889	0.002750	0.000978	0.007730	0.000908	0.000964	0.001010	0.001030	0.001200	0.001180	0.001230	0.001200
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.3	0.1	0.8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



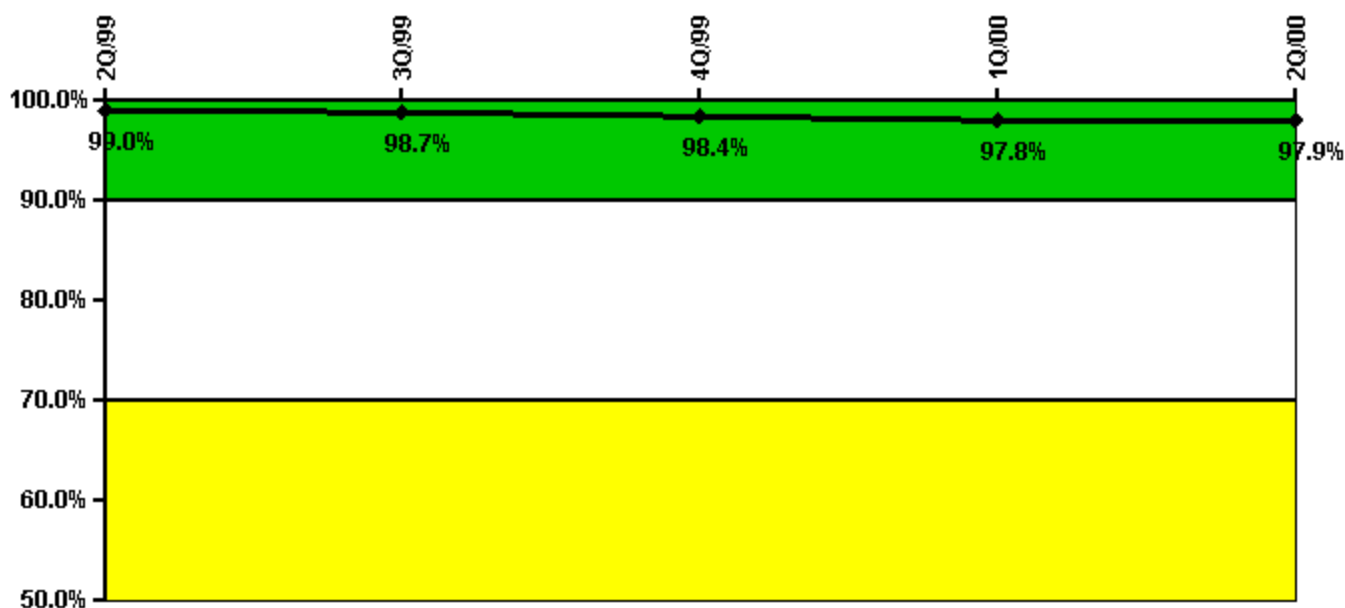
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/99	8/99	9/99	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00
Maximum leakage	0.310	0.080	0.090	0.160	0.120	0.220	0.350	0.140	0.340	0.200	0.280	0.340
Technical specification limit	10.0	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	0.8	0.9	1.6	1.2	2.2	3.5	1.4	3.4	2.0	2.8	3.4

Licensee Comments: none

Drill/Exercise Performance



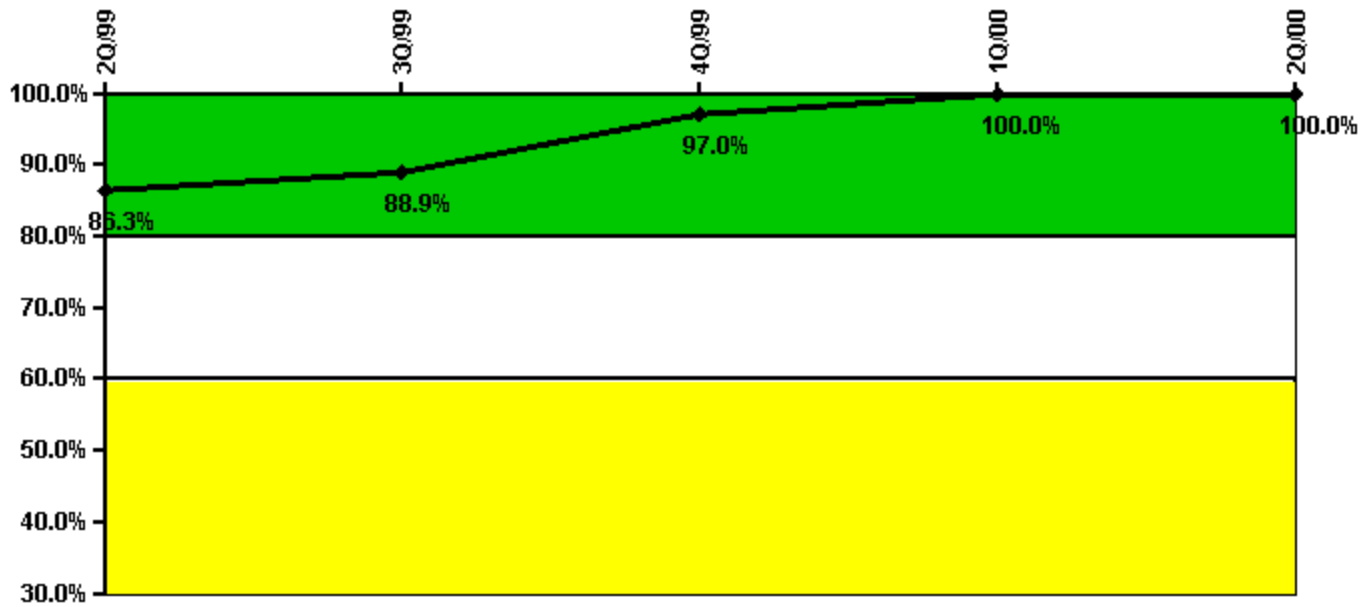
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Successful opportunities	100.0	141.0	104.0	58.0	58.0
Total opportunities	100.0	144.0	106.0	63.0	58.0
Indicator value	99.0%	98.7%	98.4%	97.8%	97.9%

Licensee Comments: none

ERO Drill Participation



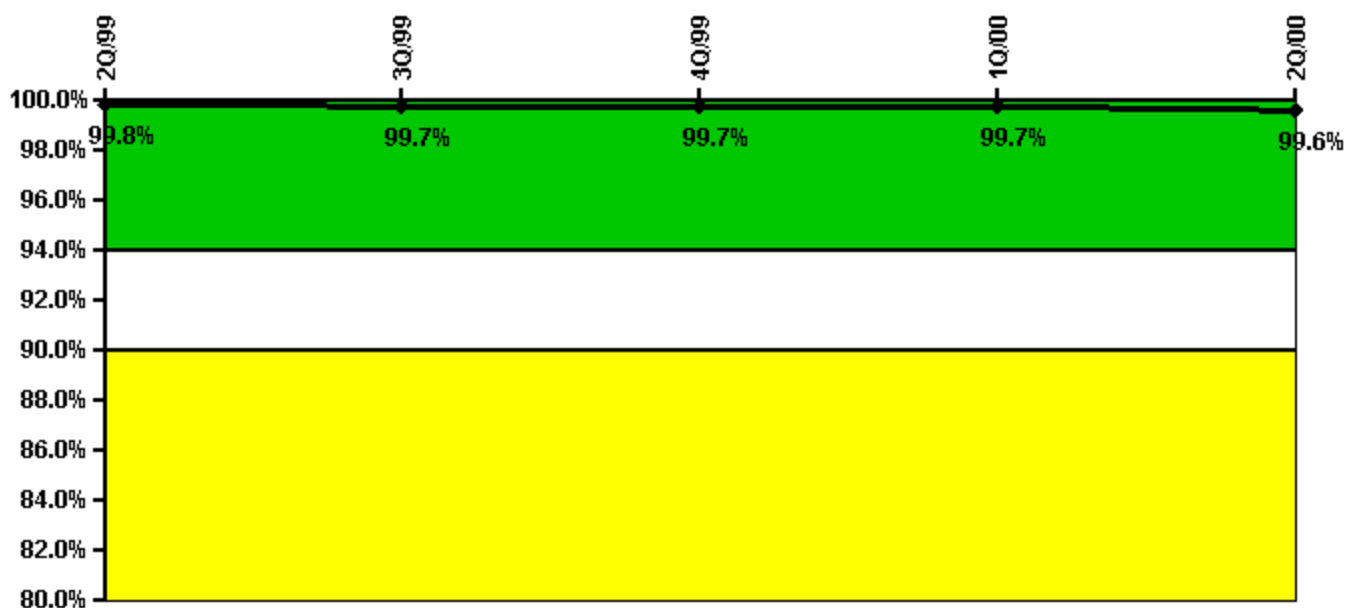
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Participating Key personnel	88.0	72.0	64.0	70.0	70.0
Total Key personnel	102.0	81.0	66.0	70.0	70.0
Indicator value	86.3%	88.9%	97.0%	100.0%	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	282	468	328	328	327
Total sirens-tests	282	470	329	329	329
Indicator value	99.8%	99.7%	99.7%	99.7%	99.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness

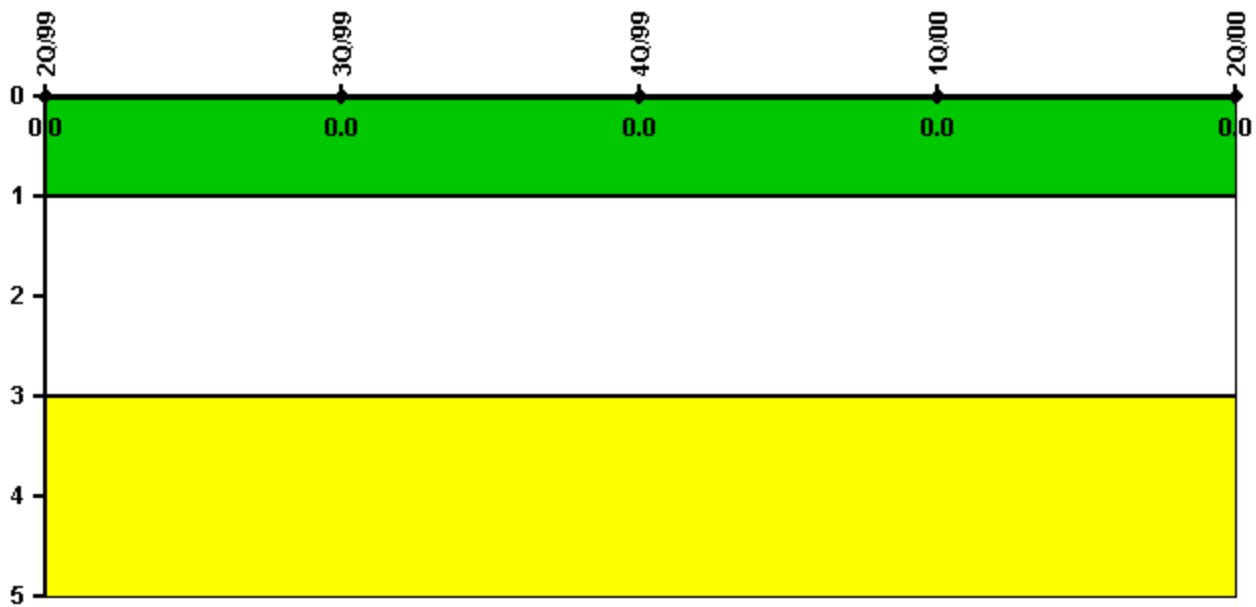


Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

RETS/ODCM Radiological Effluent

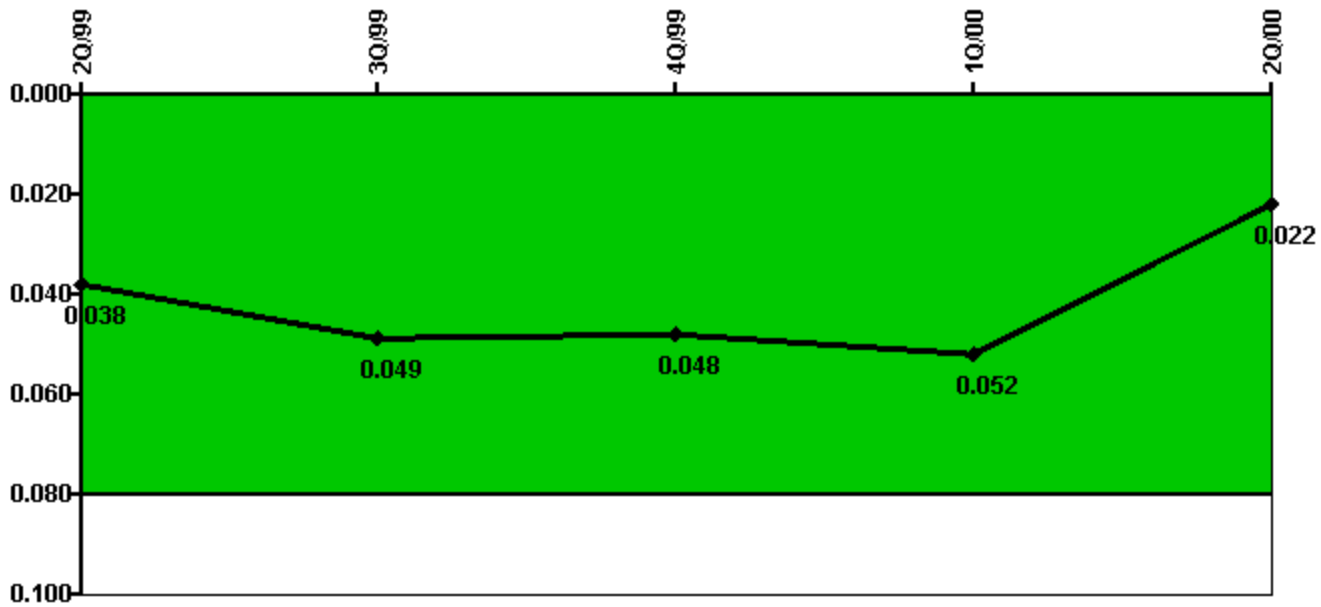
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	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



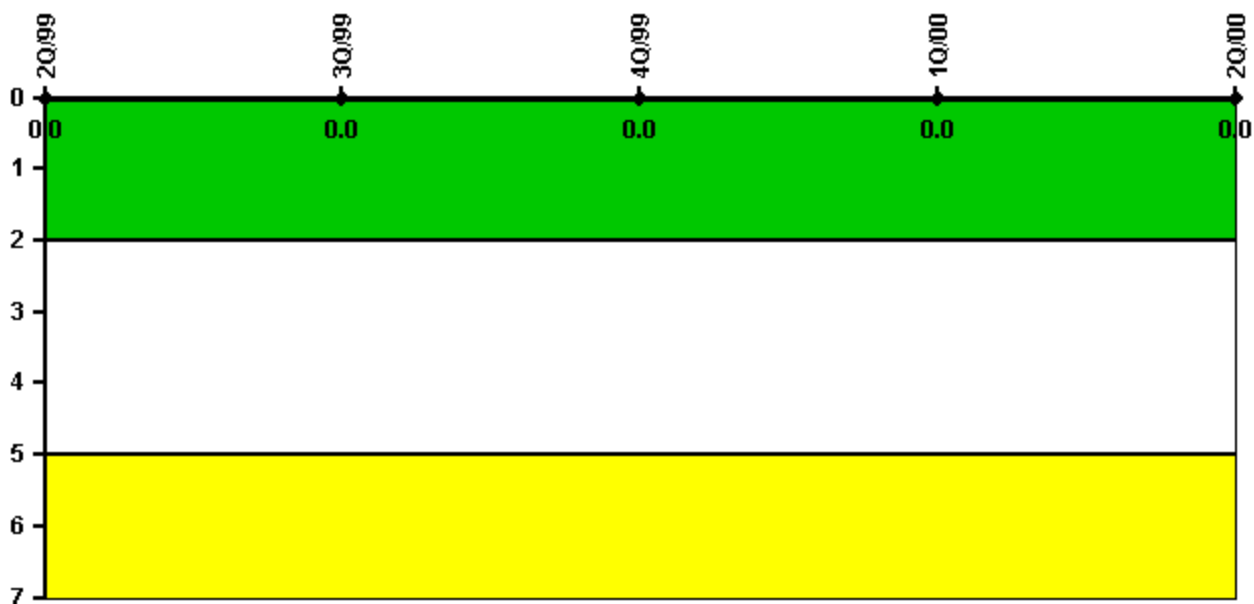
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
IDS compensatory hours	1066.80	465.90	90.40	169.50	34.20
CCTV compensatory hours	0	0	0	0	0
IDS normalization factor	1.95	1.95	1.95	1.95	1.95
CCTV normalization factor	2.2	2.2	2.2	2.2	2.2
Index Value	0.038	0.049	0.048	0.052	0.022

Licensee Comments: none

Personnel Screening Program



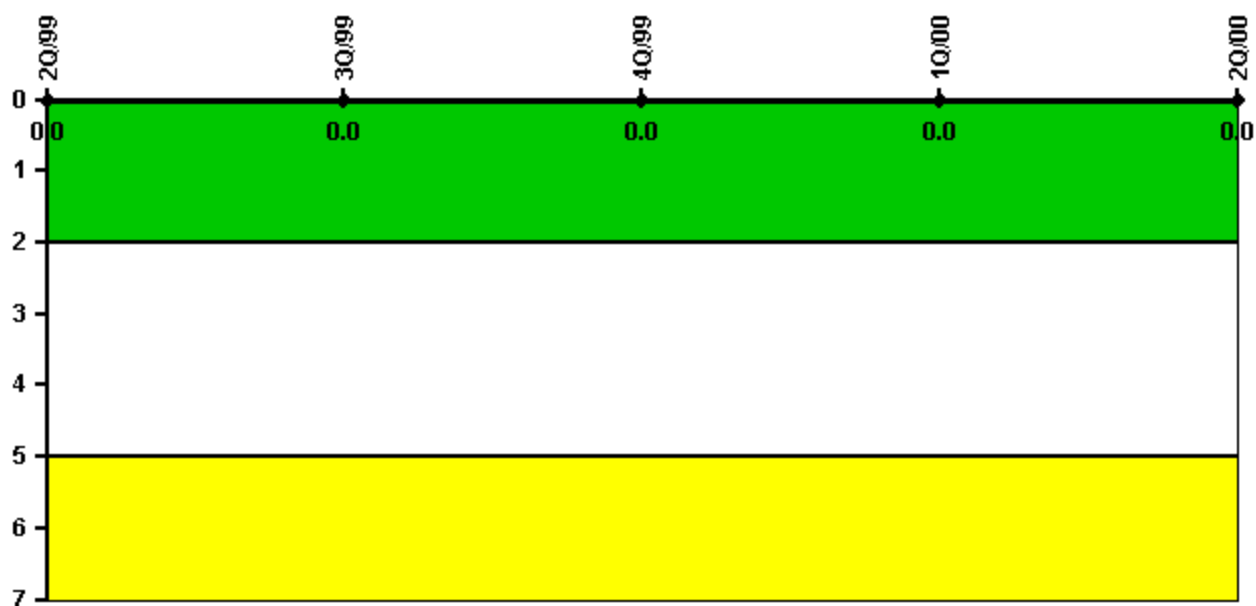
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none



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

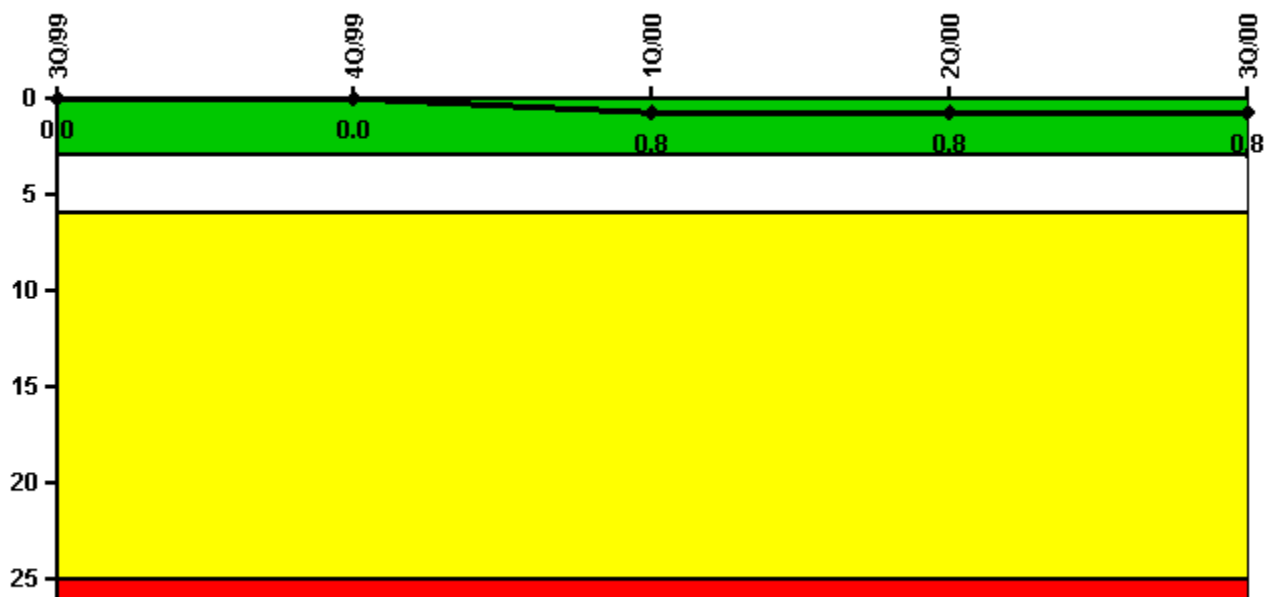
Last Modified: April 1, 2002

Turkey Point 4

3Q/2000 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



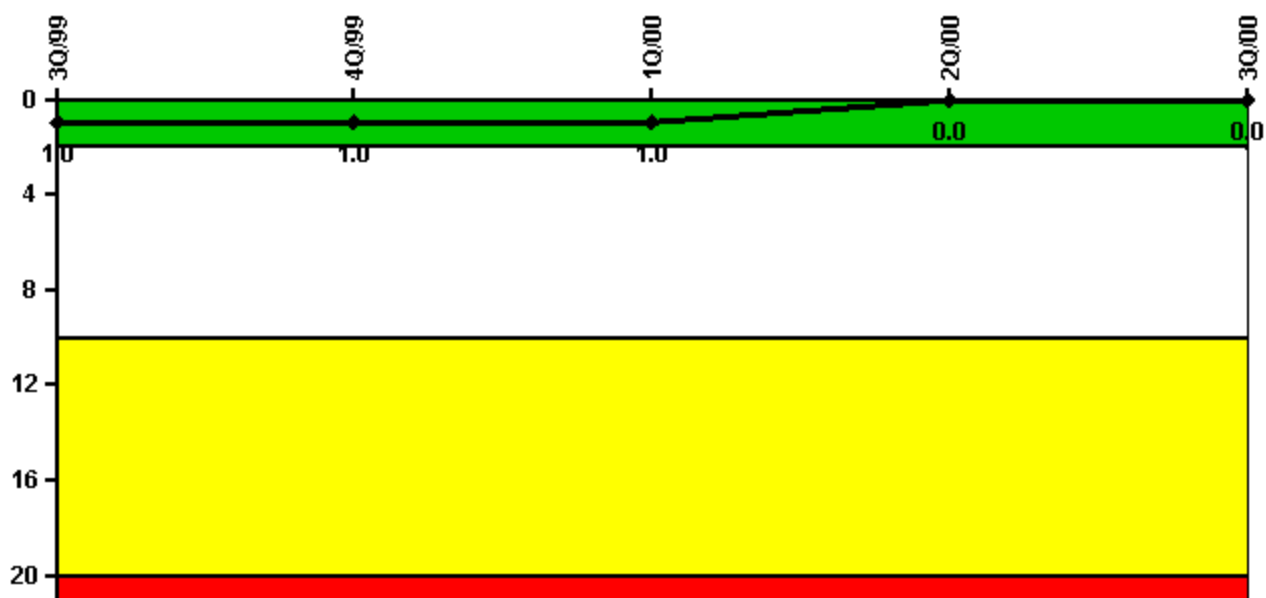
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Unplanned scrams	0	0	1.0	0	0
Critical hours	2208.0	2209.0	2131.6	2183.0	2064.1
Indicator value	0	0	0.8	0.8	0.8

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



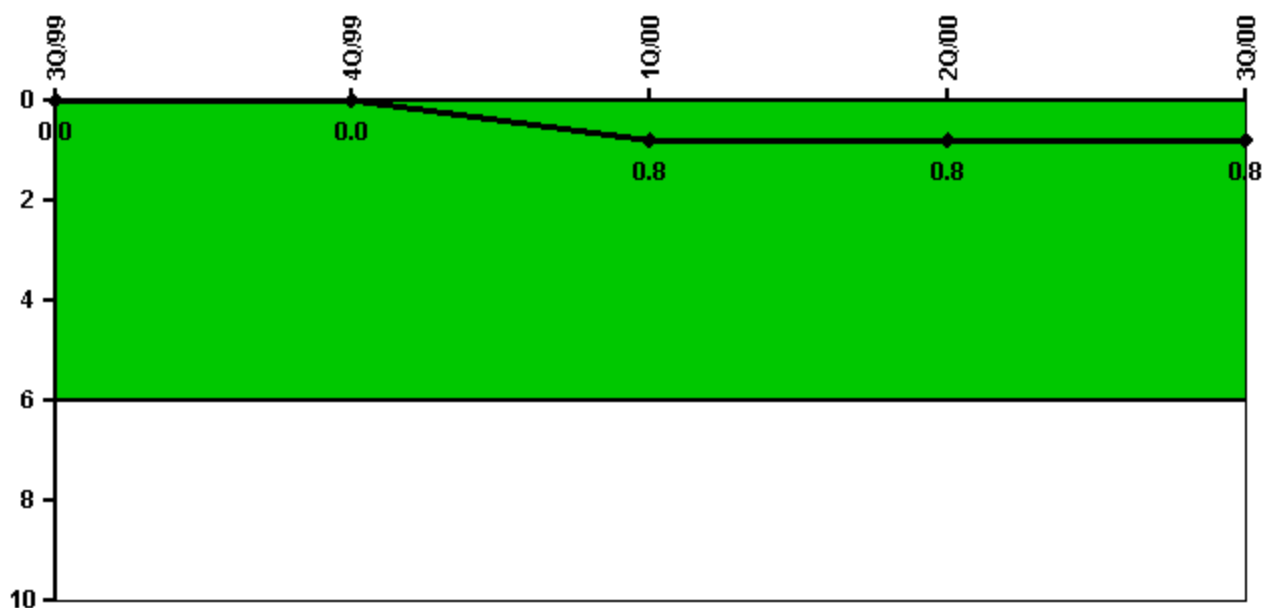
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



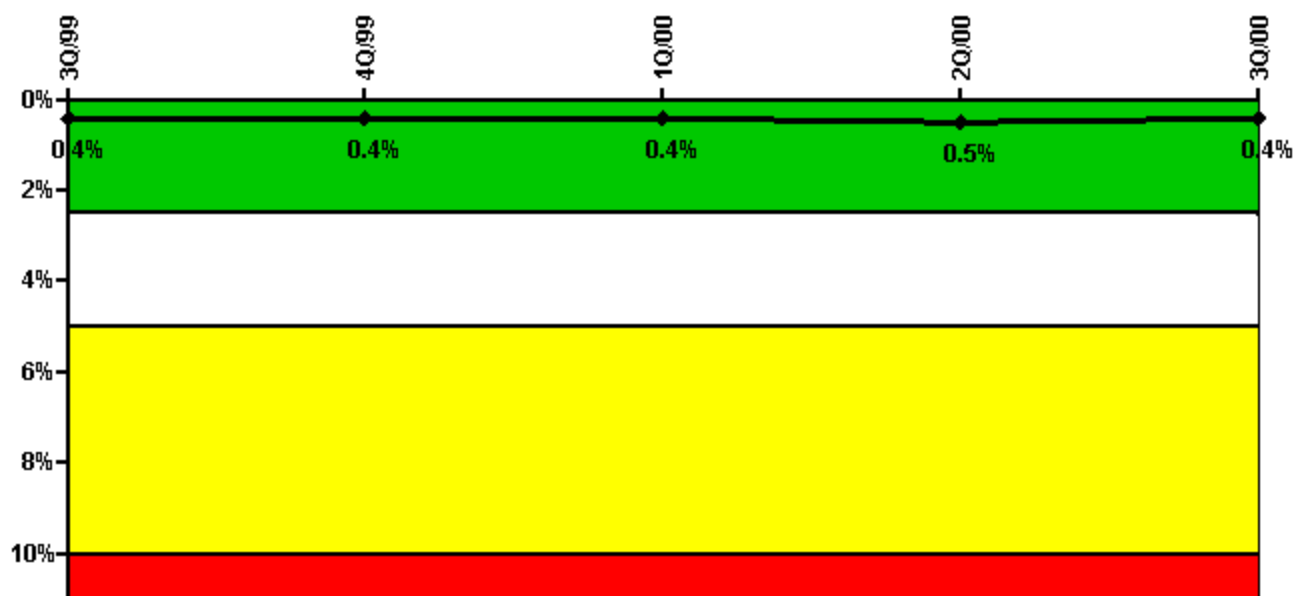
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Unplanned power changes	0	0	1.0	0	0
Critical hours	2208.0	2209.0	2131.6	2183.0	2064.1
Indicator value	0	0	0.8	0.8	0.8

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



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

Notes

Safety System Unavailability, Emergency AC Power	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	0	0	0	4.00	9.80
Unplanned unavailable hours	0	0	20.00	0	5.80
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	2151.50
Train 2					
Planned unavailable hours	21.60	0	0	5.70	4.10
Unplanned unavailable hours	0	22.50	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	2151.50
Indicator value	0.4%	0.4%	0.4%	0.5%	0.4%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



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

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	97.50	1.90	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	2208.00	2209.00	2184.00	2183.00	2095.00
Train 2					
Planned unavailable hours	13.50	1.50	0	0	2.33
Unplanned unavailable hours	0	0	0	0	0.50
Fault exposure hours	0	0	0	0	23.00
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2095.00
Indicator value	0.7%	0.7%	0.6%	0.5%	0.5%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



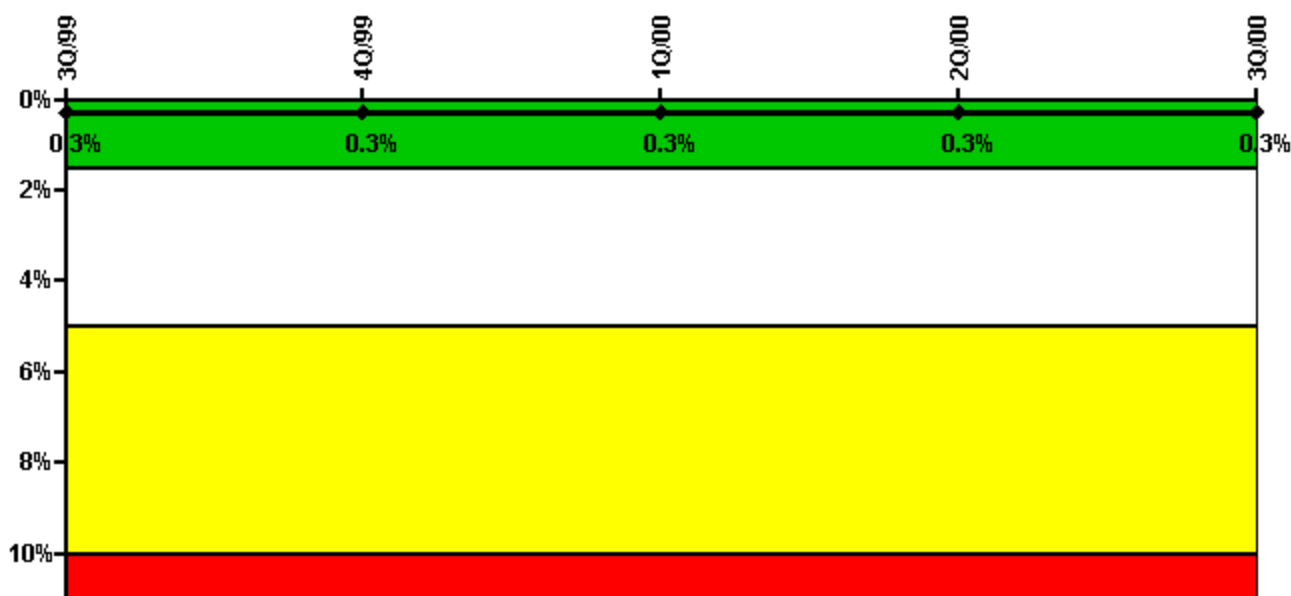
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	0	0.33	17.83	0	1.00
Unplanned unavailable hours	0	0	0	10.40	1.30
Fault exposure hours	0	0	0	0	82.00
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2073.60
Train 2					
Planned unavailable hours	15.02	0.67	41.77	0	0.60
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2073.60
Indicator value	0.7%	0.6%	0.6%	0.6%	0.6%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



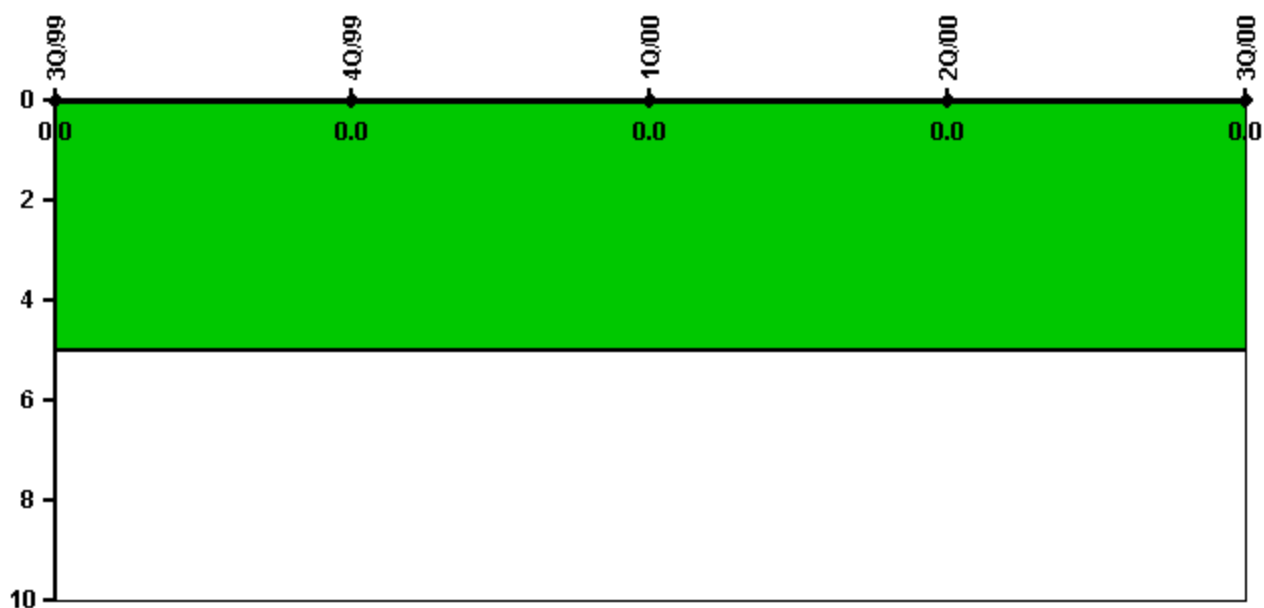
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	0.70	0.70	0.90	0.30	13.60
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00
Train 2					
Planned unavailable hours	0.60	2.00	1.00	0.30	59.55
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00
Indicator value	0.3%	0.3%	0.3%	0.3%	0.3%

Licensee Comments: none

Safety System Functional Failures (PWR)



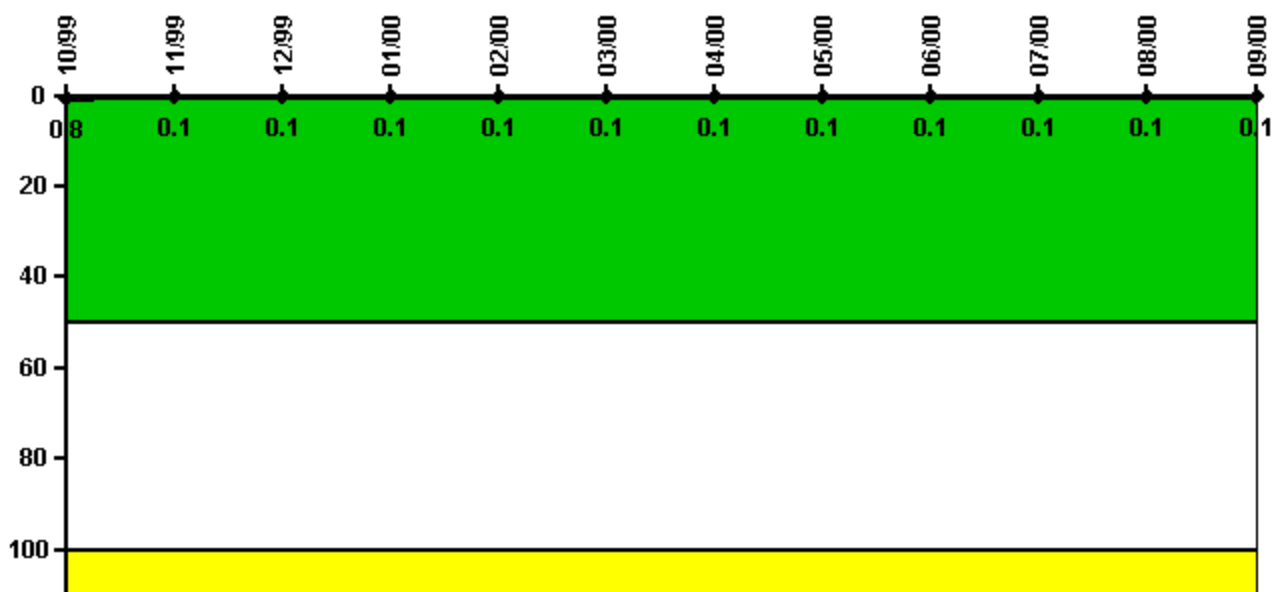
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



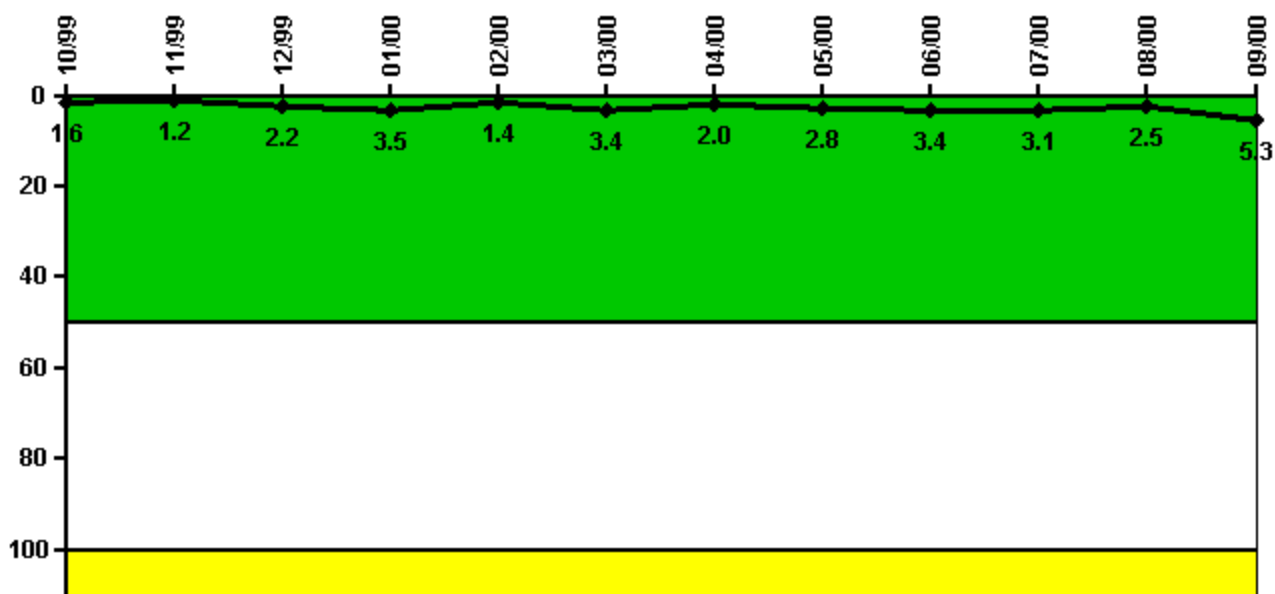
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum activity	0.007730	0.000908	0.000964	0.001010	0.001030	0.001200	0.001180	0.001230	0.001200	0.001290	0.001320	0.001370
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



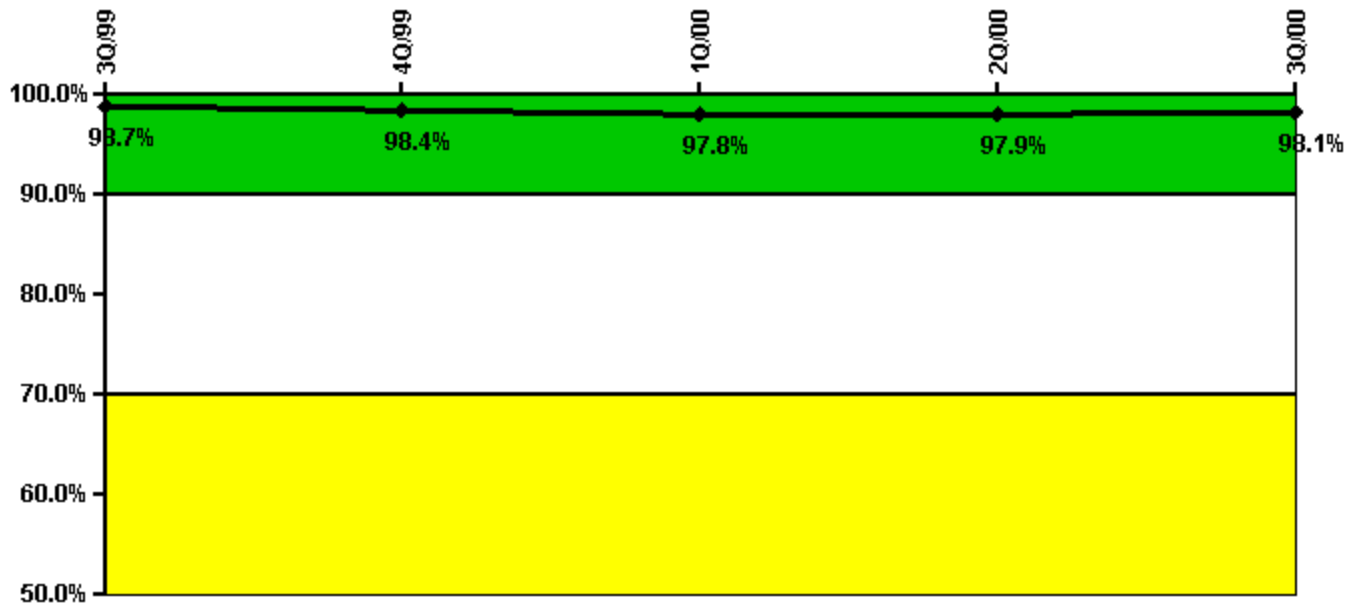
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum leakage	0.160	0.120	0.220	0.350	0.140	0.340	0.200	0.280	0.340	0.310	0.250	0.530
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.6	1.2	2.2	3.5	1.4	3.4	2.0	2.8	3.4	3.1	2.5	5.3

Licensee Comments: none

Drill/Exercise Performance



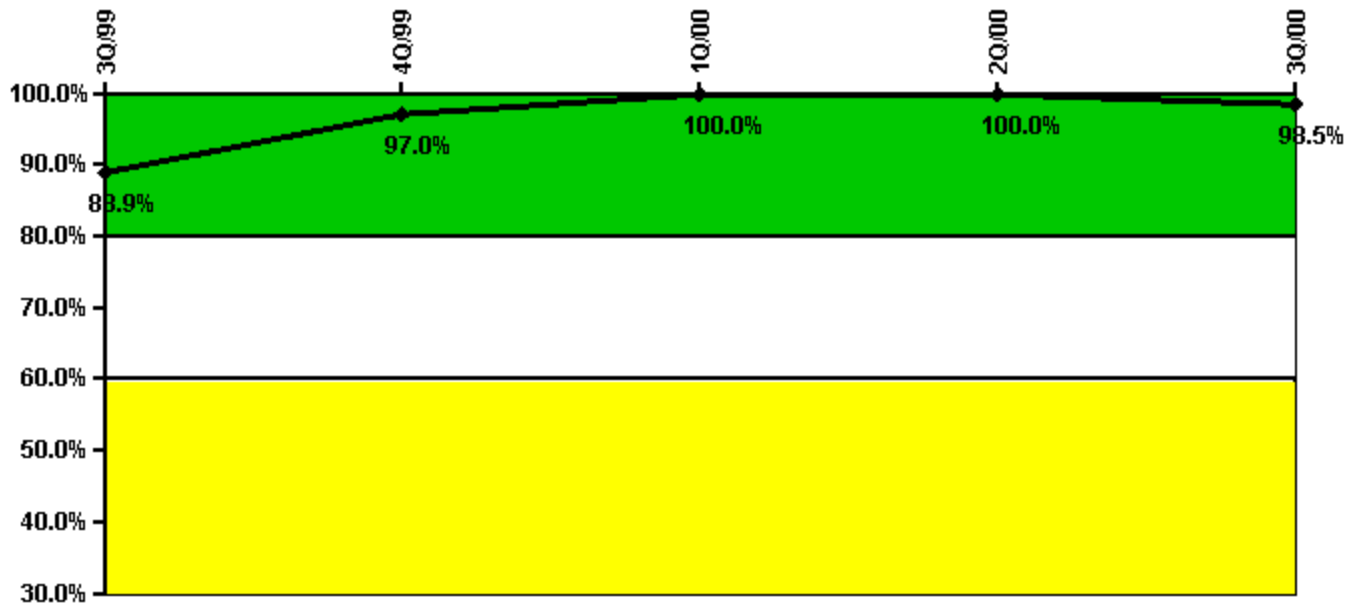
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Successful opportunities	141.0	104.0	58.0	58.0	51.0
Total opportunities	144.0	106.0	63.0	58.0	51.0
Indicator value	98.7%	98.4%	97.8%	97.9%	98.1%

Licensee Comments: none

ERO Drill Participation



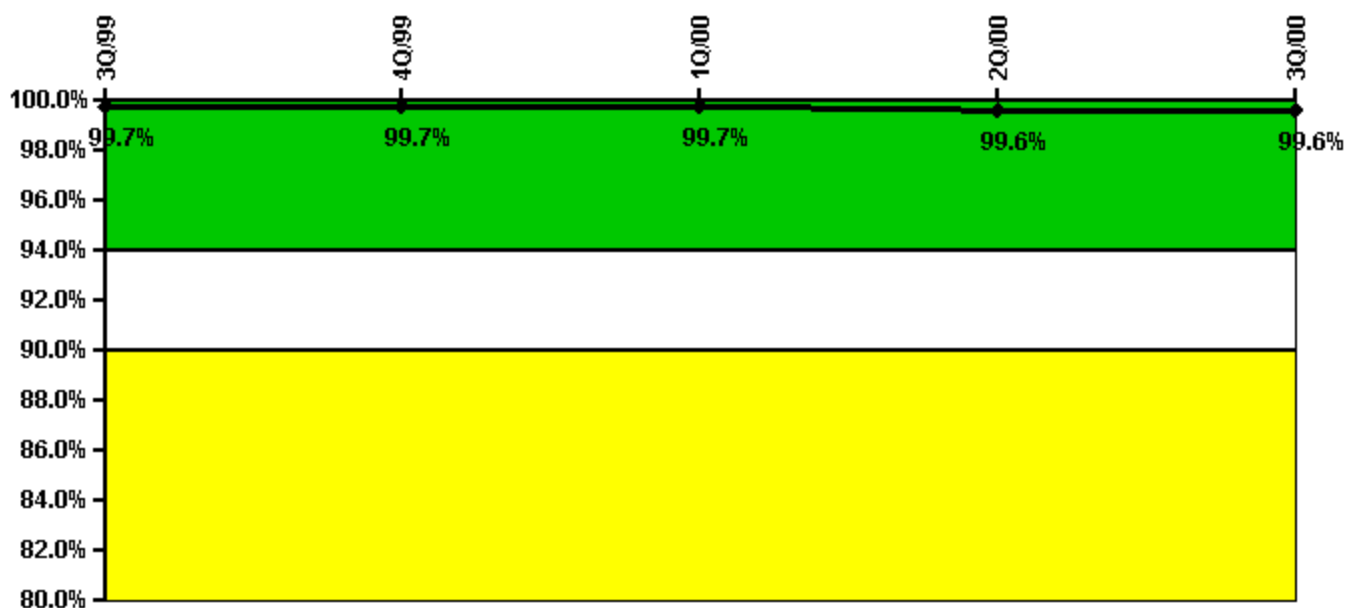
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Participating Key personnel	72.0	64.0	70.0	70.0	66.0
Total Key personnel	81.0	66.0	70.0	70.0	67.0
Indicator value	88.9%	97.0%	100.0%	100.0%	98.5%

Licensee Comments: none

Alert & Notification System



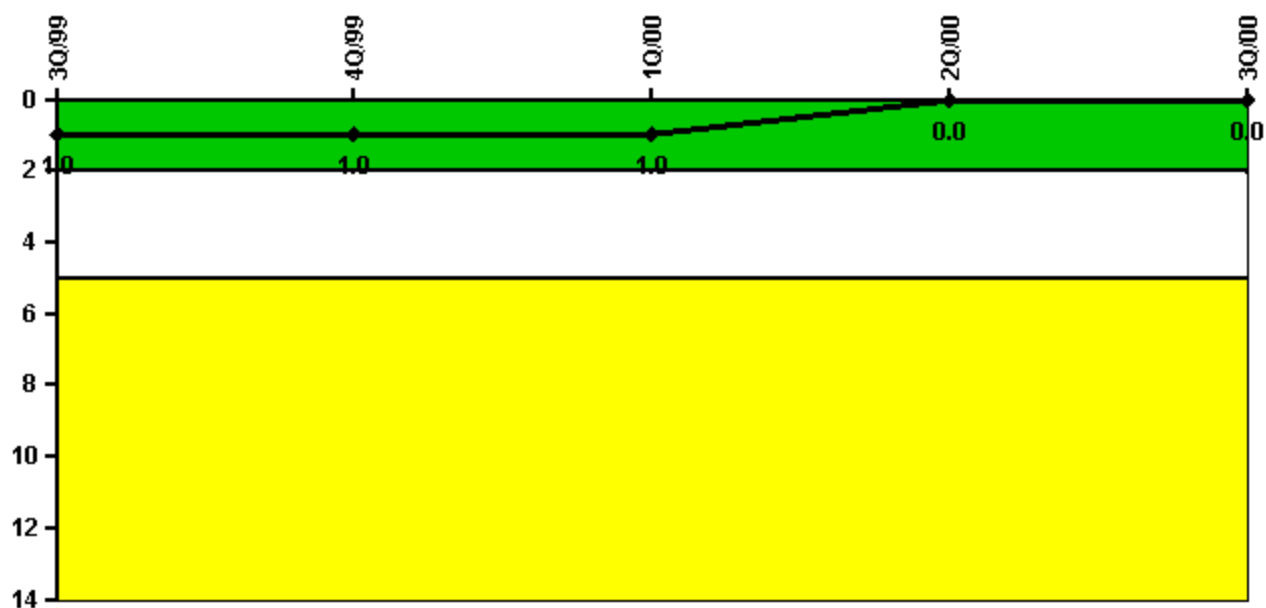
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Successful siren-tests	468	328	328	327	328
Total sirens-tests	470	329	329	329	329
Indicator value	99.7%	99.7%	99.7%	99.6%	99.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness

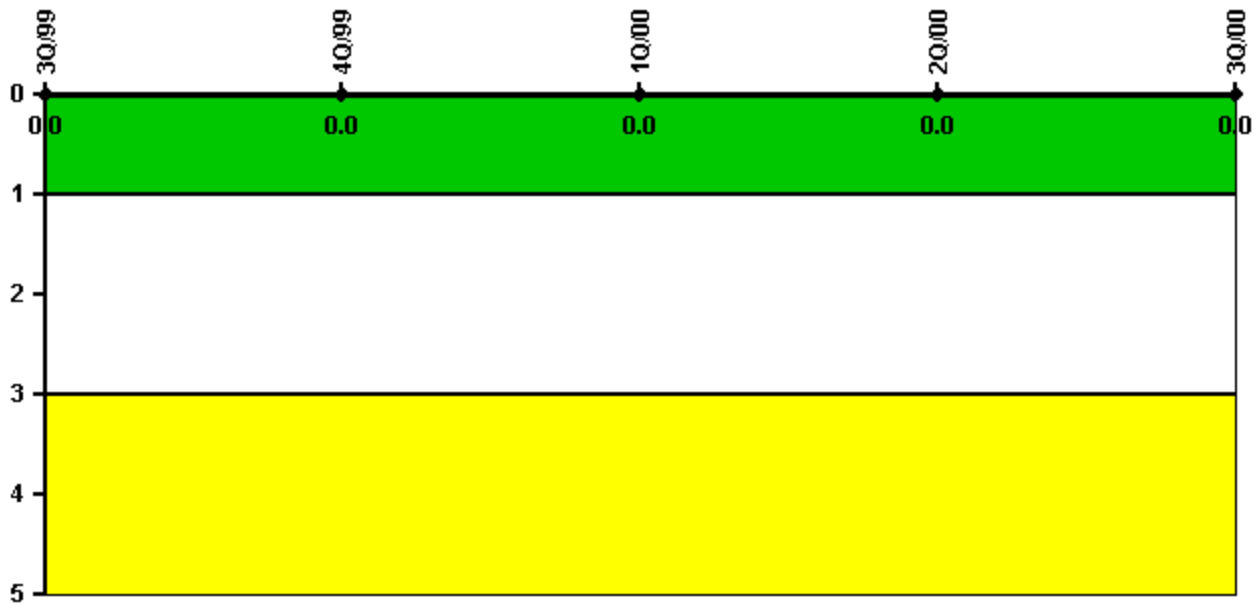


Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

RETS/ODCM Radiological Effluent

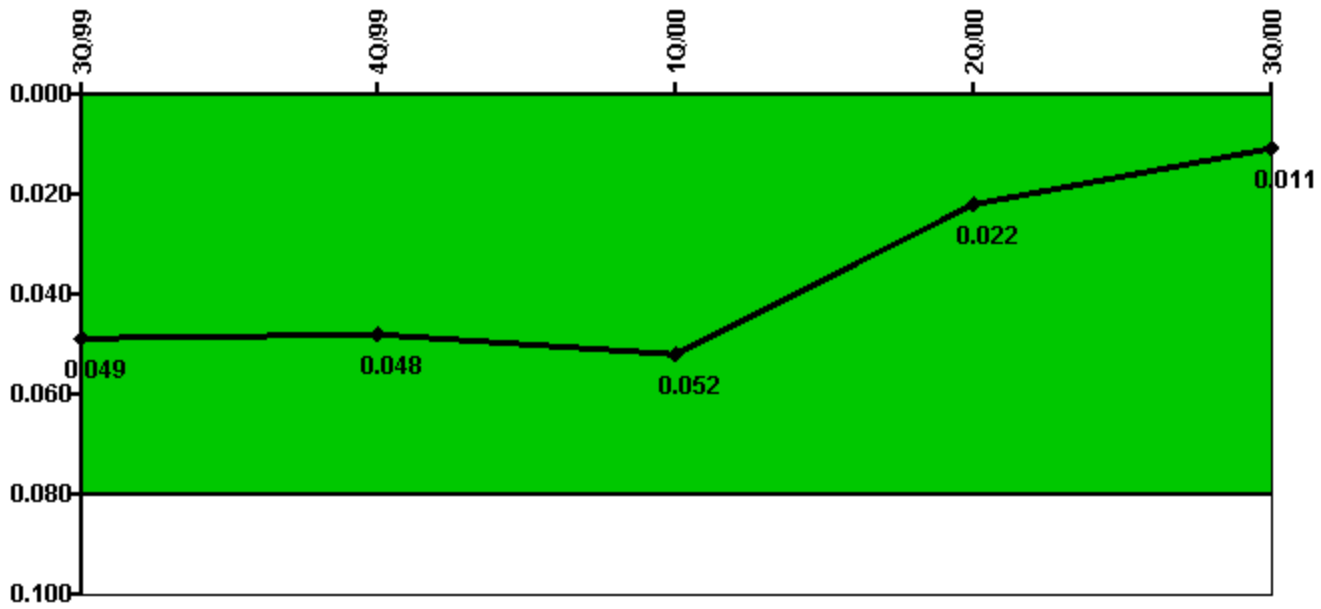
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/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



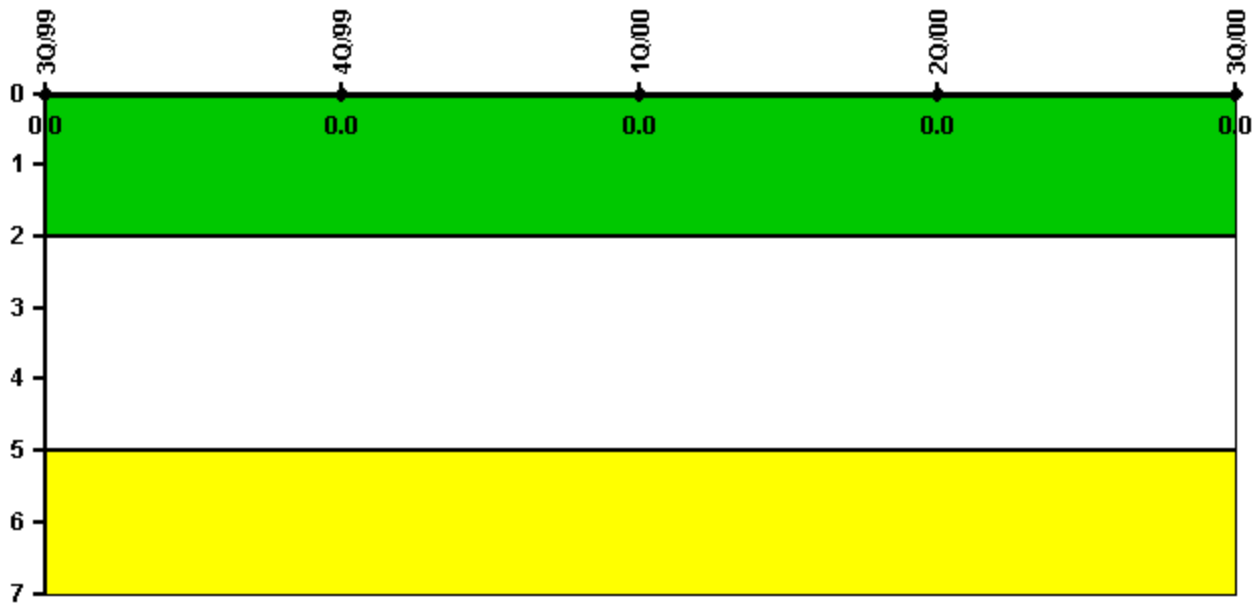
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
IDS compensatory hours	465.90	90.40	169.50	34.20	82.50
CCTV compensatory hours	0	0	0	0	5.4
IDS normalization factor	1.95	1.95	1.95	1.95	1.95
CCTV normalization factor	2.2	2.2	2.2	2.2	2.2
Index Value	0.049	0.048	0.052	0.022	0.011

Licensee Comments: none

Personnel Screening Program



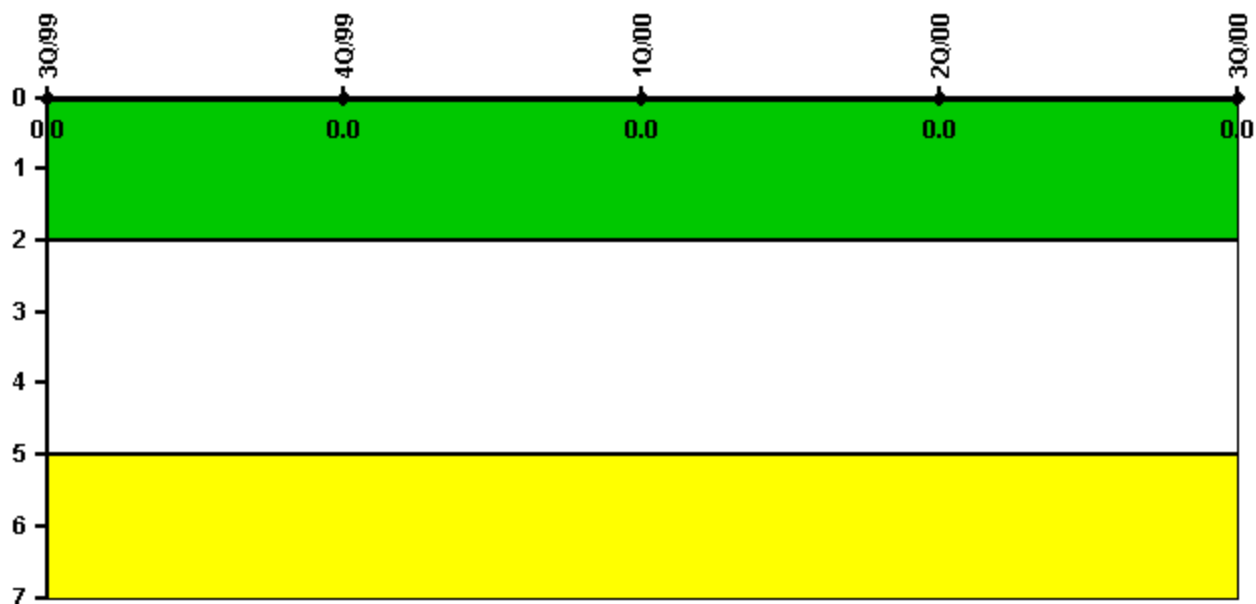
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none



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

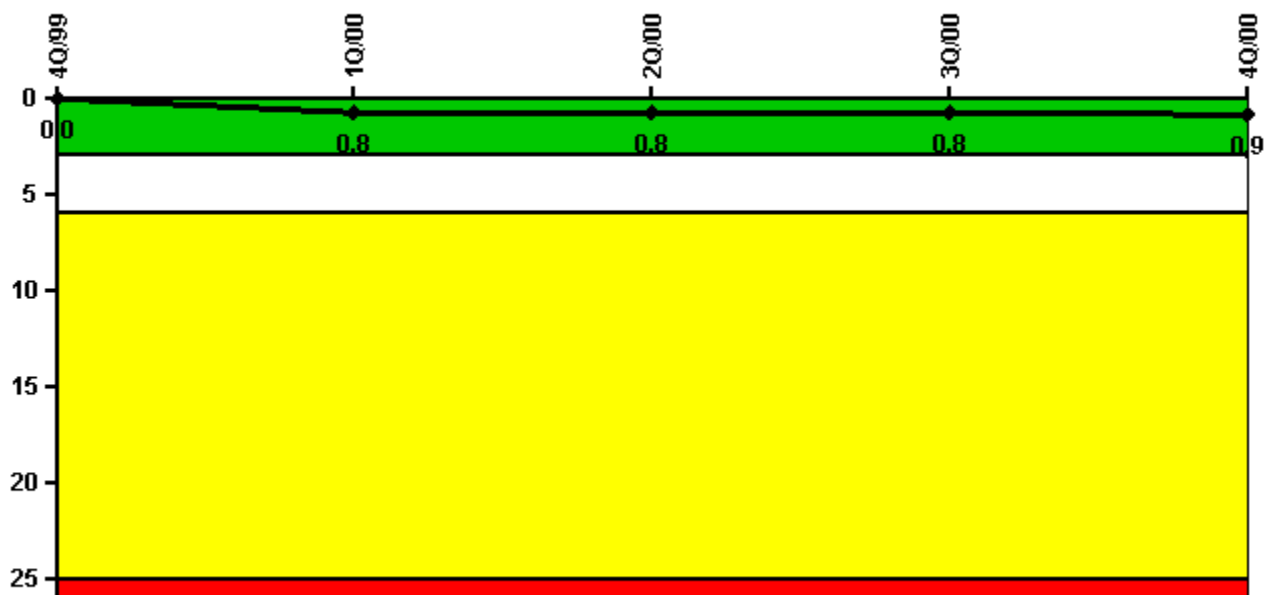
Last Modified: March 29, 2002

Turkey Point 4

4Q/2000 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



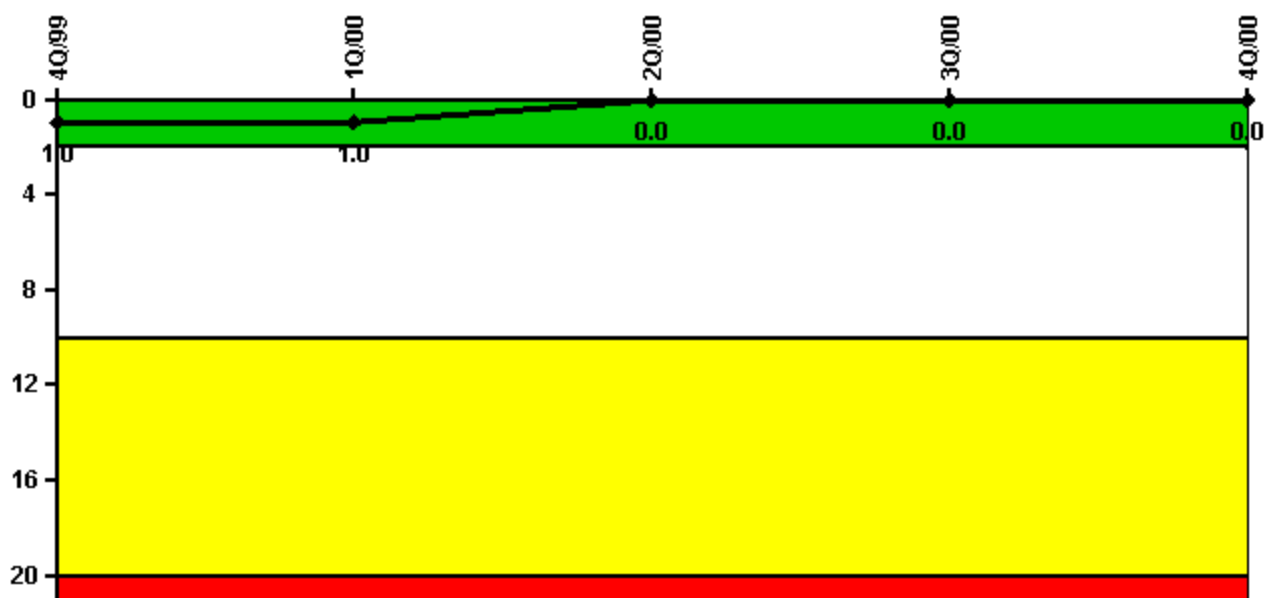
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Unplanned scrams	0	1.0	0	0	0
Critical hours	2209.0	2131.6	2183.0	2064.1	1685.1
Indicator value	0	0.8	0.8	0.8	0.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



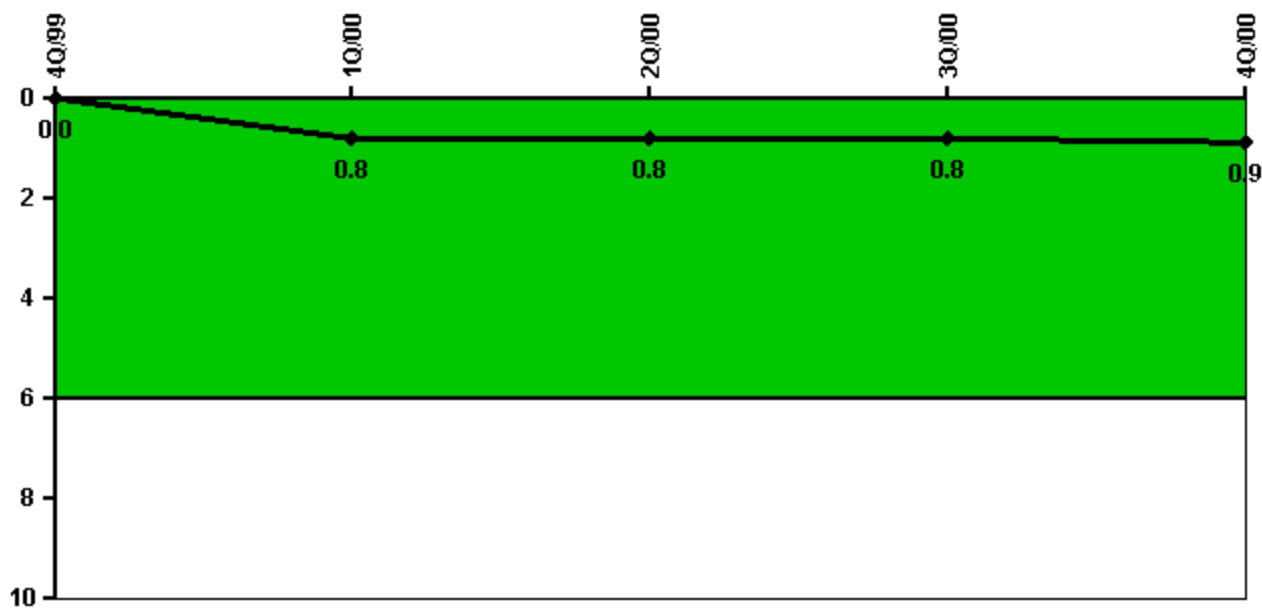
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



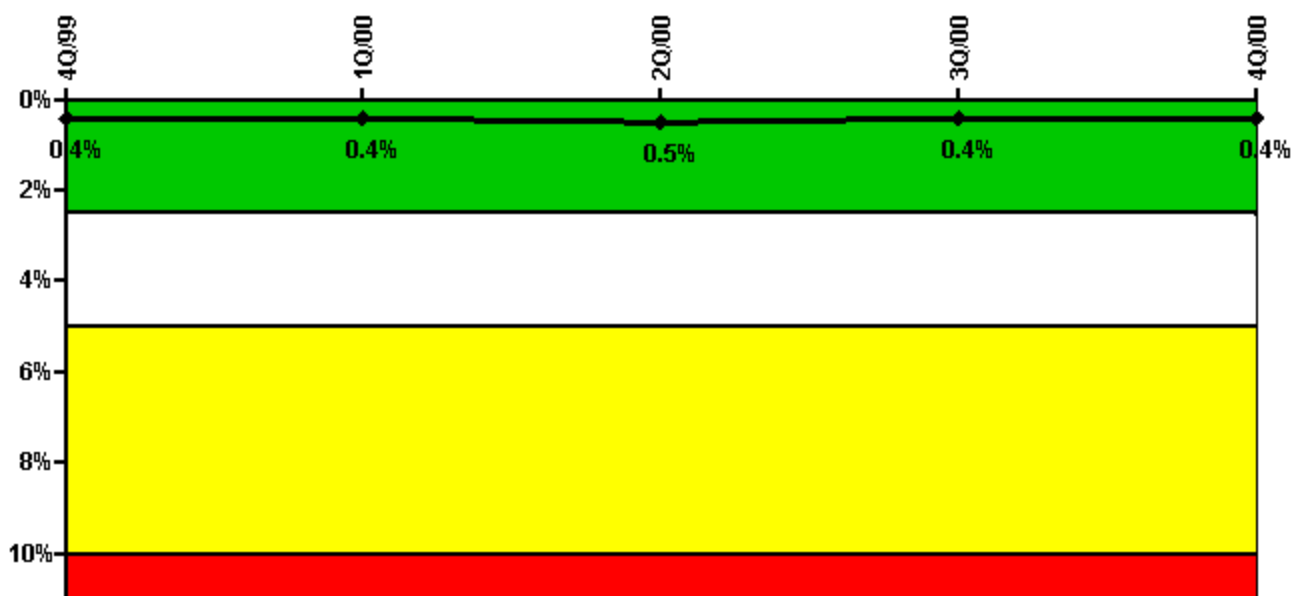
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Unplanned power changes	0	1.0	0	0	0
Critical hours	2209.0	2131.6	2183.0	2064.1	1685.1
Indicator value	0	0.8	0.8	0.8	0.9

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



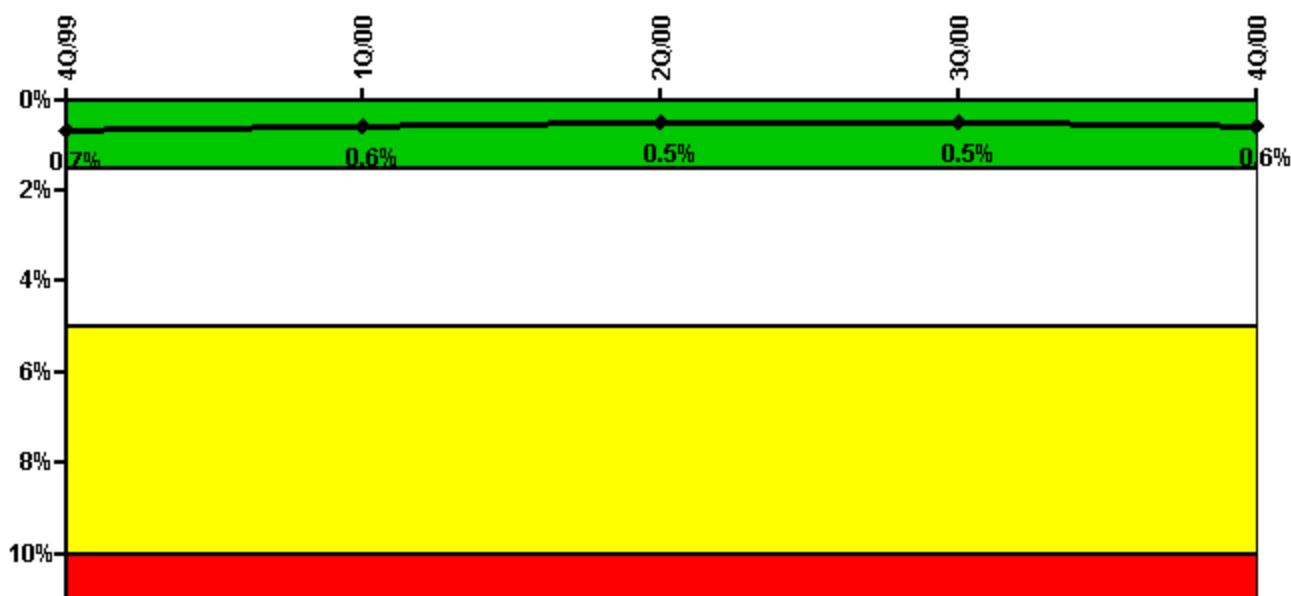
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	0	0	4.00	9.80	3.20
Unplanned unavailable hours	0	20.00	0	5.80	2.40
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2151.50	1983.50
Train 2					
Planned unavailable hours	0	0	5.70	4.10	11.20
Unplanned unavailable hours	22.50	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2151.50	1983.50
Indicator value	0.4%	0.4%	0.5%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



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

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	1.90	0	0	0	0.10
Unplanned unavailable hours	0	0	0	0	97.30
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2095.00	1757.20
Train 2					
Planned unavailable hours	1.50	0	0	2.33	0.10
Unplanned unavailable hours	0	0	0	0.50	0
Fault exposure hours	0	0	0	23.00	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2095.00	1757.20
Indicator value	0.7%	0.6%	0.5%	0.5%	0.6%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



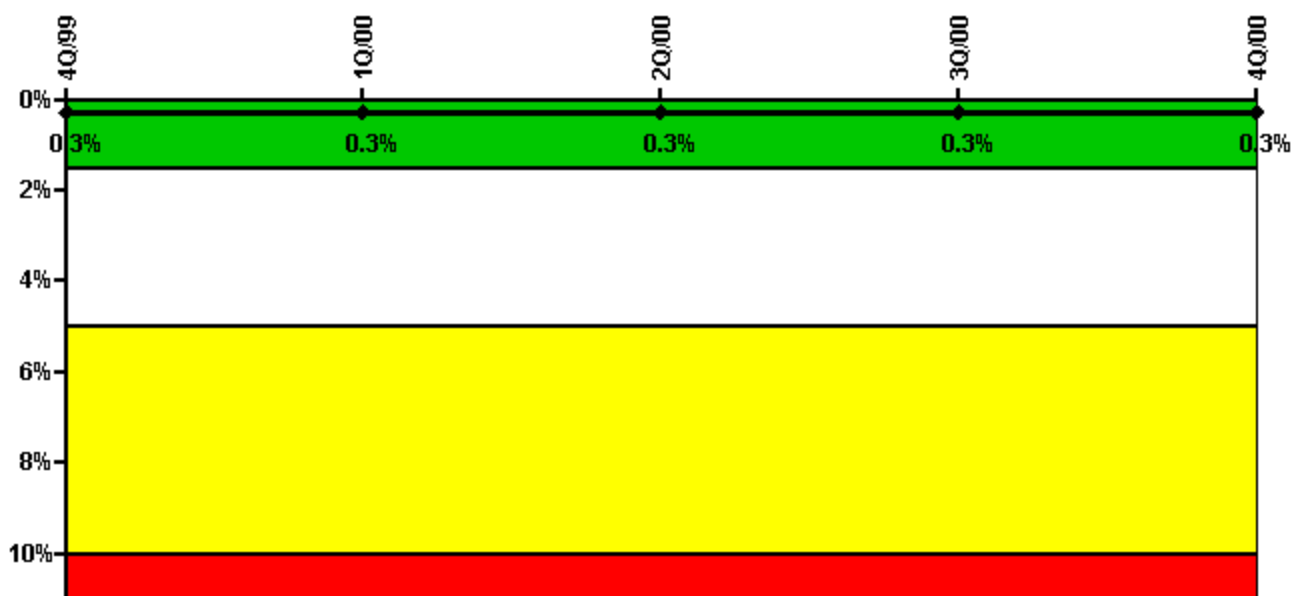
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	0.33	17.83	0	1.00	0
Unplanned unavailable hours	0	0	10.40	1.30	0
Fault exposure hours	0	0	0	82.00	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2073.60	1740.00
Train 2					
Planned unavailable hours	0.67	41.77	0	0.60	0
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2073.60	1740.00
Indicator value	0.6%	0.6%	0.6%	0.6%	0.6%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



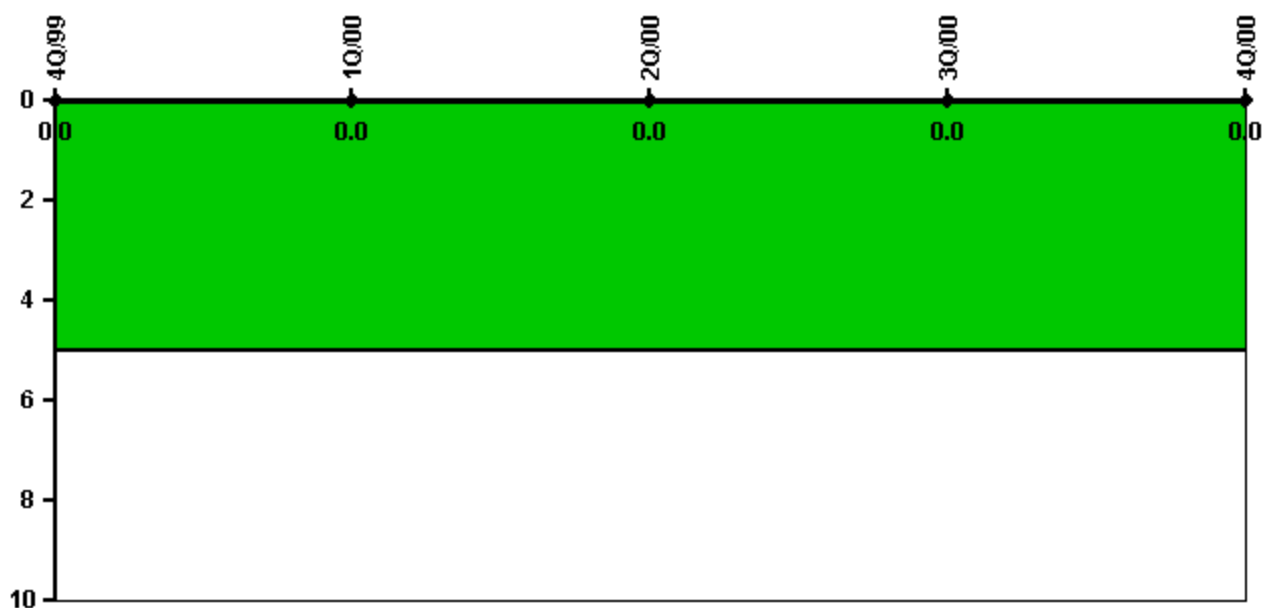
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	0.70	0.90	0.30	13.60	0.85
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	1954.60
Train 2					
Planned unavailable hours	2.00	1.00	0.30	59.55	0.33
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	1954.60
Indicator value	0.3%	0.3%	0.3%	0.3%	0.3%

Licensee Comments: none

Safety System Functional Failures (PWR)



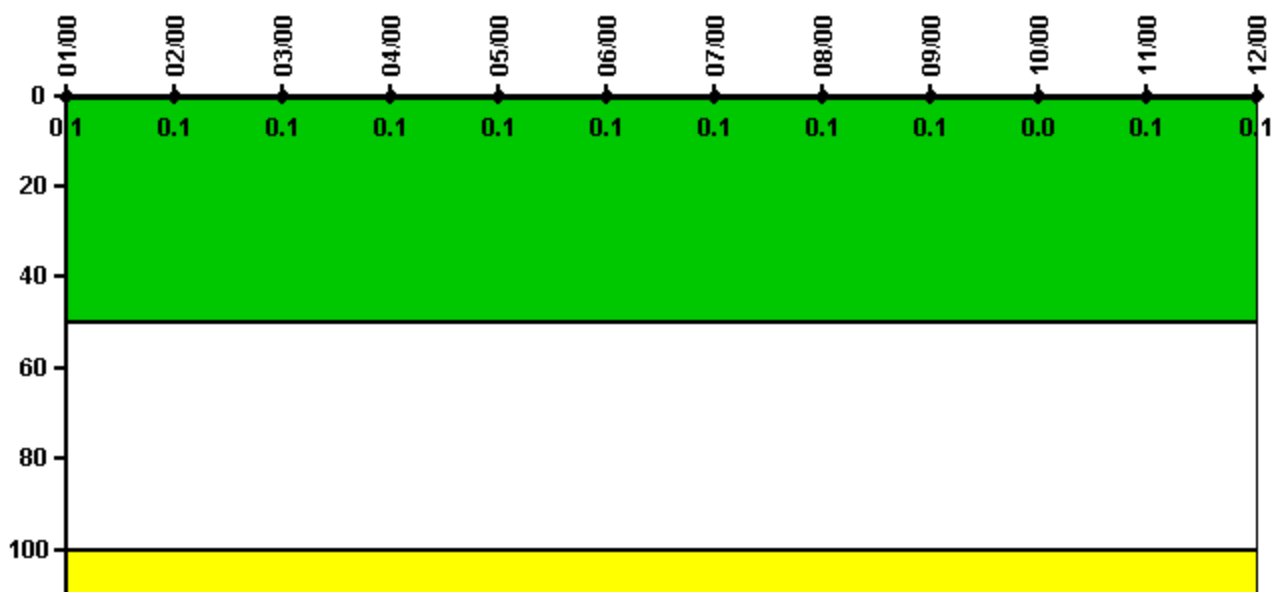
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



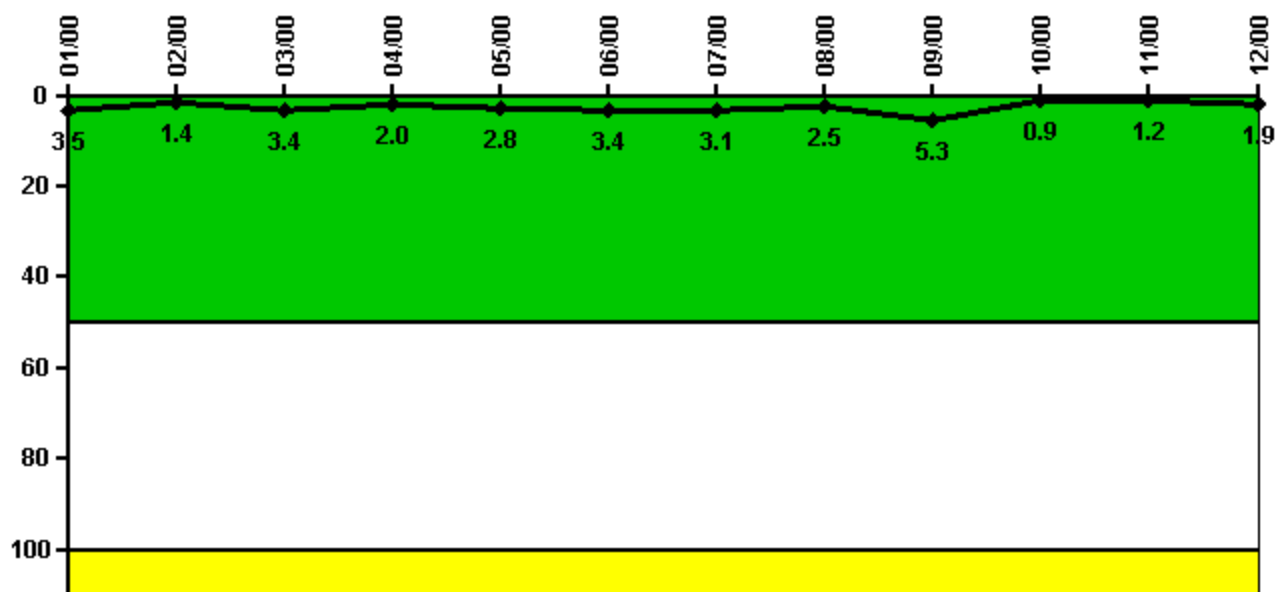
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00
Maximum activity	0.001010	0.001030	0.001200	0.001180	0.001230	0.001200	0.001290	0.001320	0.001370	0.000381	0.000554	0.000616
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



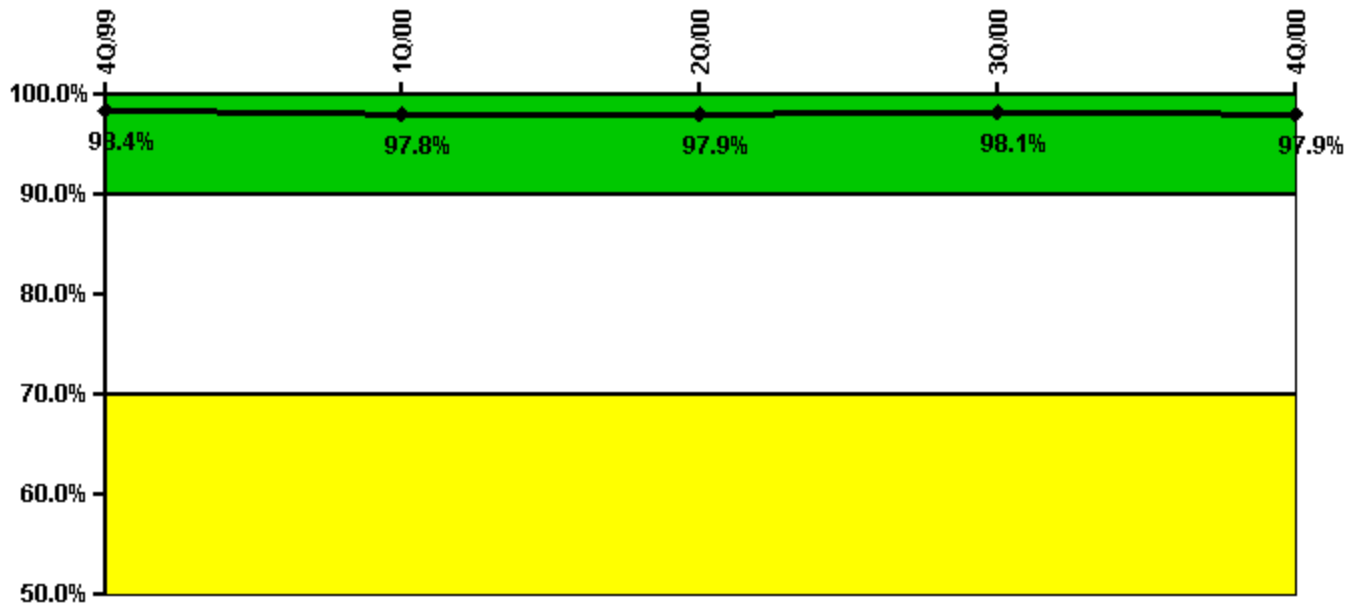
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00
Maximum leakage	0.350	0.140	0.340	0.200	0.280	0.340	0.310	0.250	0.530	0.090	0.120	0.190
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	3.5	1.4	3.4	2.0	2.8	3.4	3.1	2.5	5.3	0.9	1.2	1.9

Licensee Comments: none

Drill/Exercise Performance



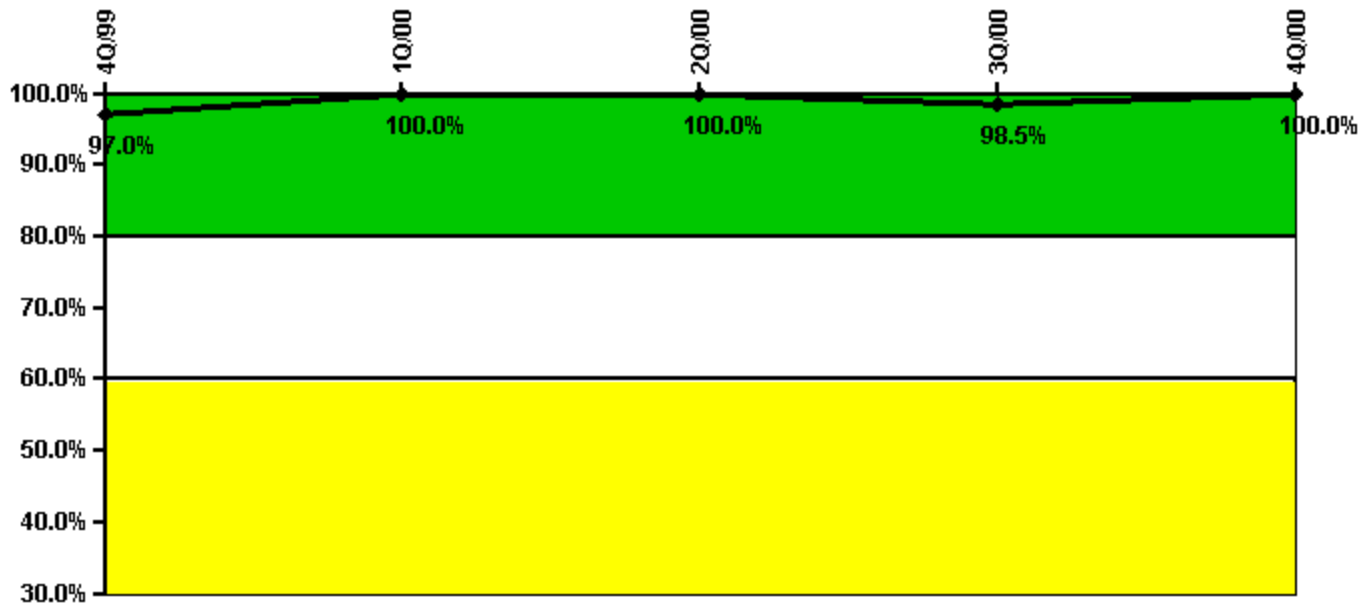
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Successful opportunities	104.0	58.0	58.0	51.0	10.0
Total opportunities	106.0	63.0	58.0	51.0	10.0
Indicator value	98.4%	97.8%	97.9%	98.1%	97.9%

Licensee Comments: none

ERO Drill Participation



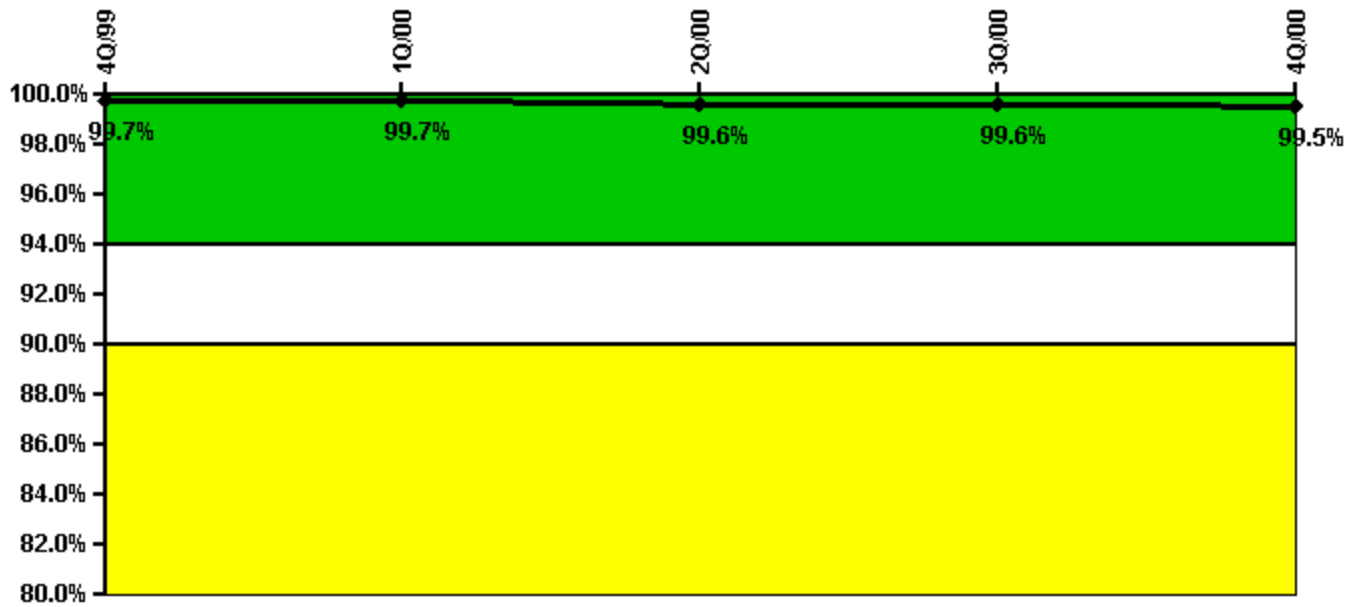
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Participating Key personnel	64.0	70.0	70.0	66.0	66.0
Total Key personnel	66.0	70.0	70.0	67.0	66.0
Indicator value	97.0%	100.0%	100.0%	98.5%	100.0%

Licensee Comments: none

Alert & Notification System



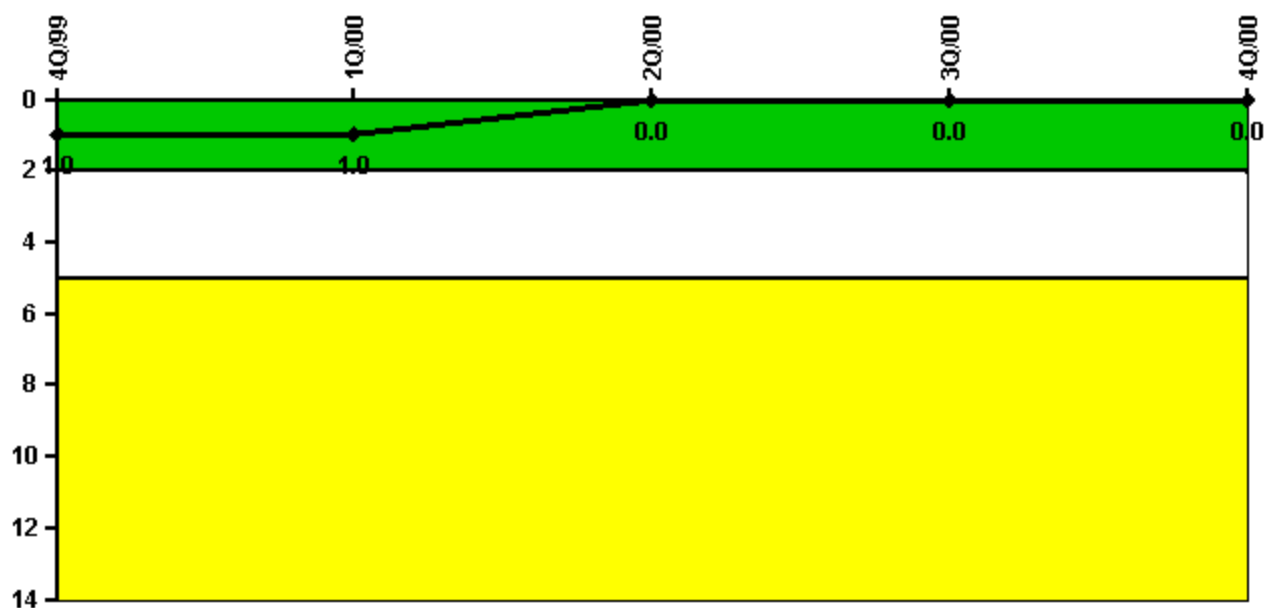
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Successful siren-tests	328	328	327	328	327
Total sirens-tests	329	329	329	329	329
Indicator value	99.7%	99.7%	99.6%	99.6%	99.5%

Licensee Comments: none

Occupational Exposure Control Effectiveness



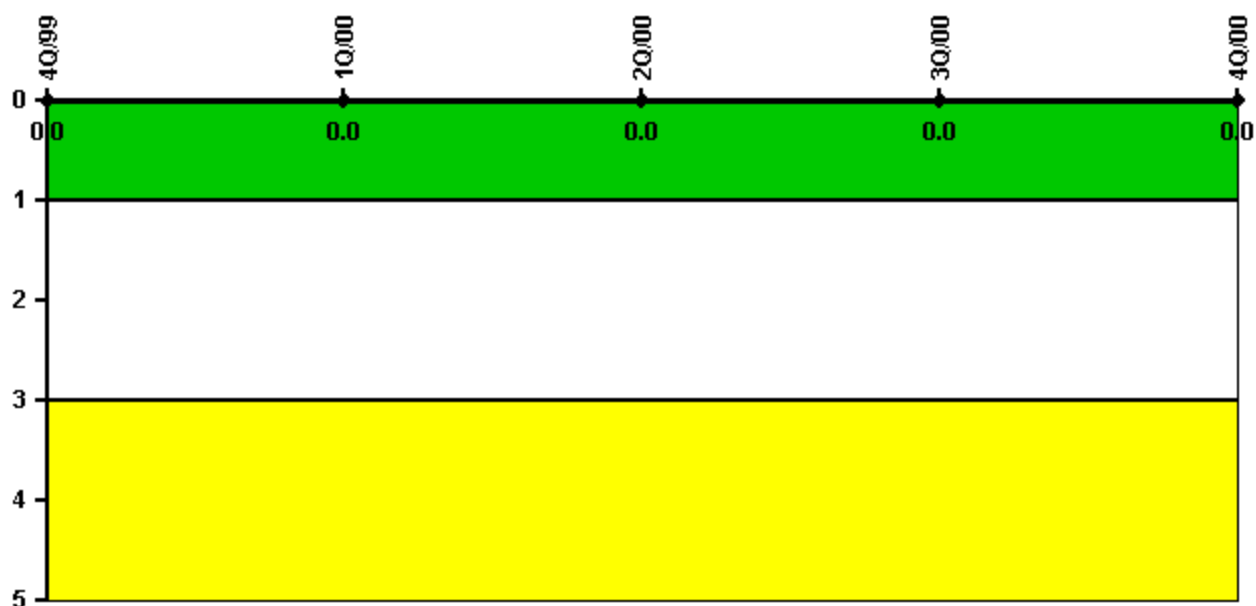
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

RETS/ODCM Radiological Effluent



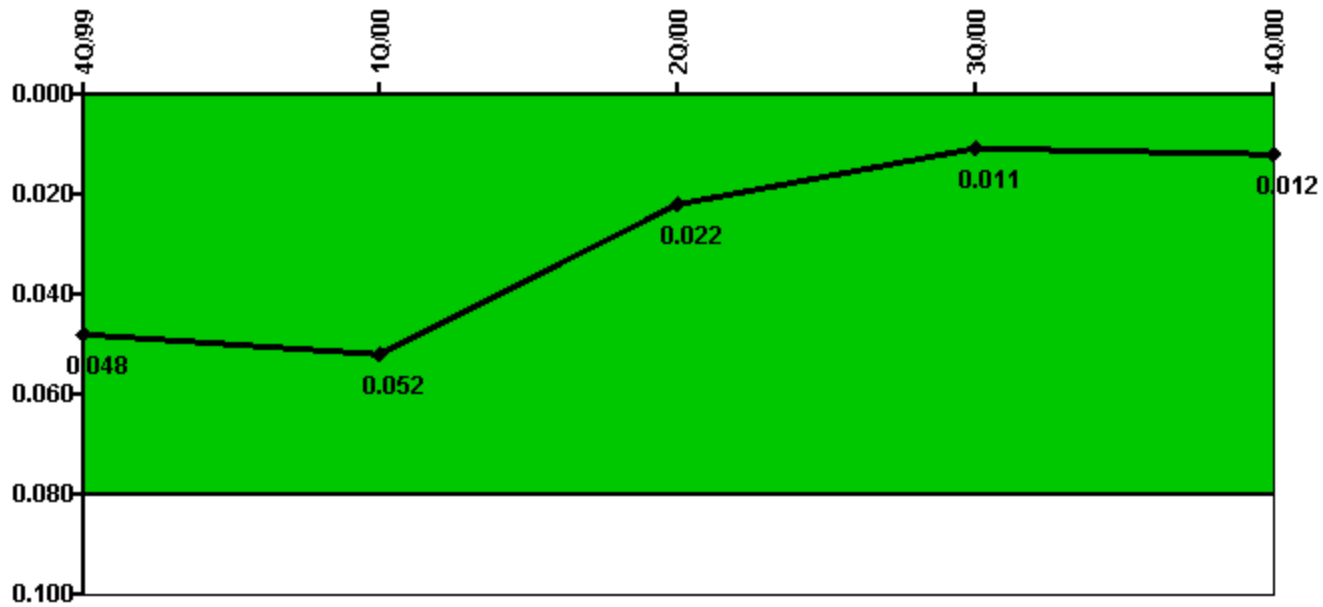
Thresholds: White > 1.0 Yellow > 3.0

Notes

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

Licensee Comments: none

Protected Area Security Performance Index



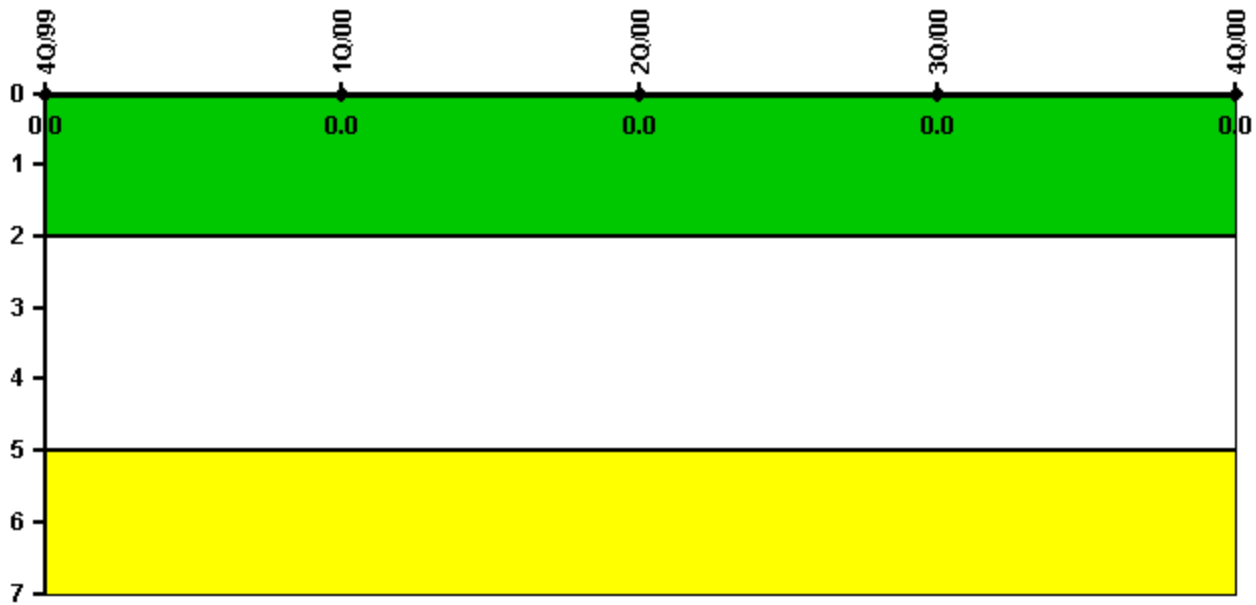
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
IDS compensatory hours	90.40	169.50	34.20	82.50	79.90
CCTV compensatory hours	0	0	0	5.4	28.9
IDS normalization factor	1.95	1.95	1.95	1.95	1.95
CCTV normalization factor	2.2	2.2	2.2	2.2	2.2
Index Value	0.048	0.052	0.022	0.011	0.012

Licensee Comments: none

Personnel Screening Program



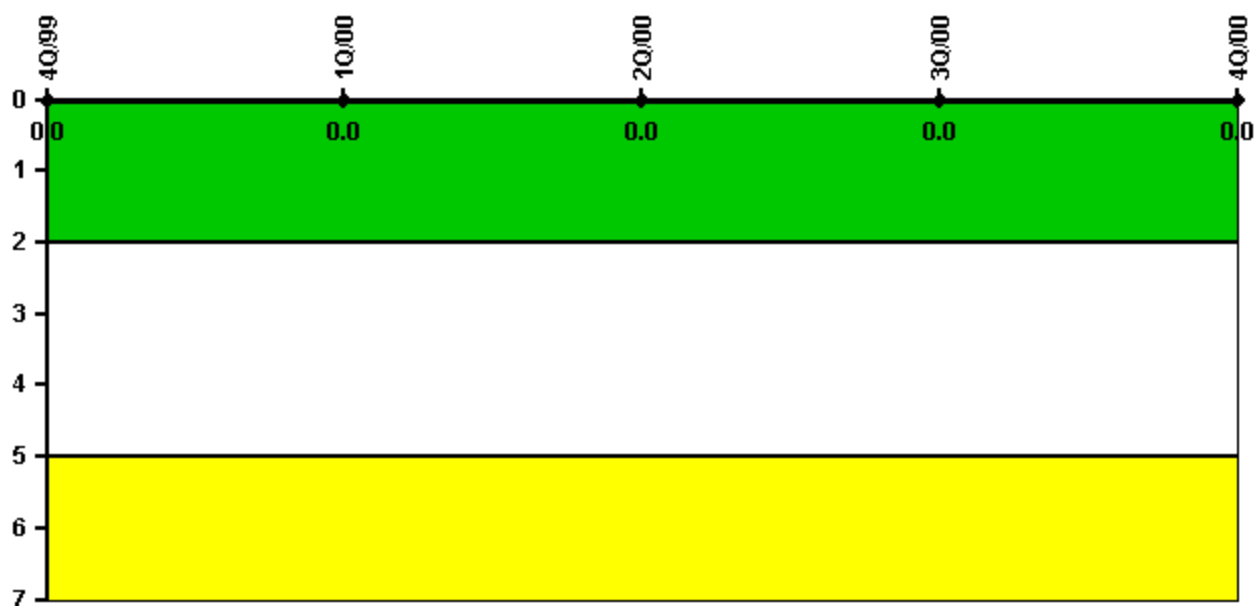
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

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

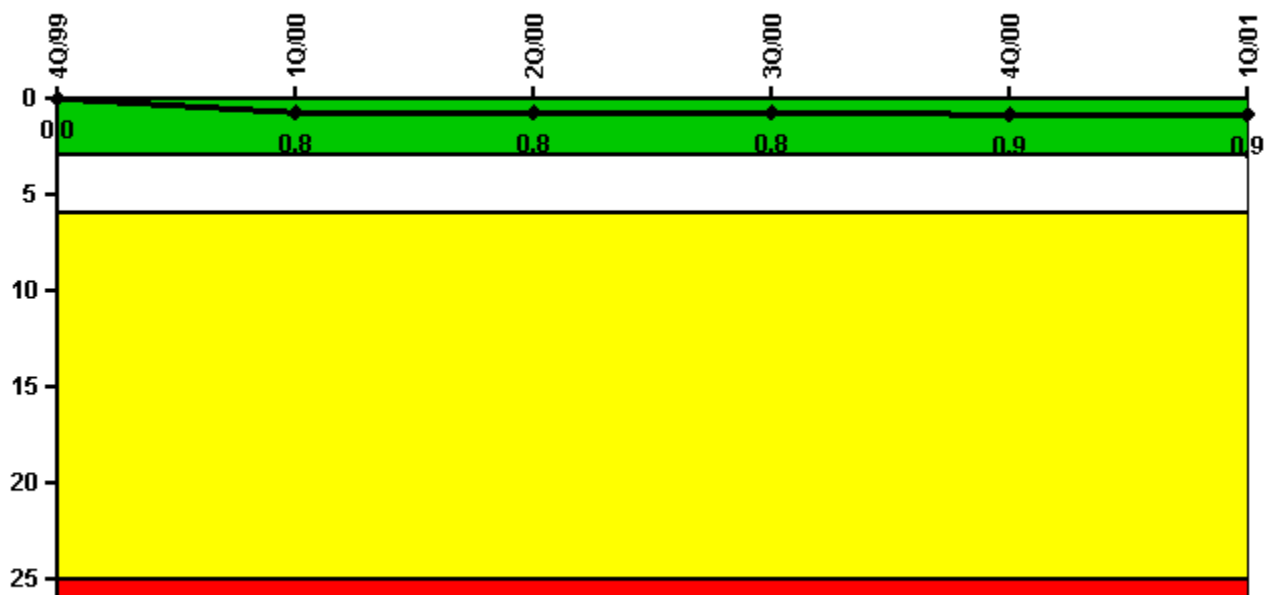
Last Modified: March 28, 2002

Turkey Point 4

1Q/2001 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



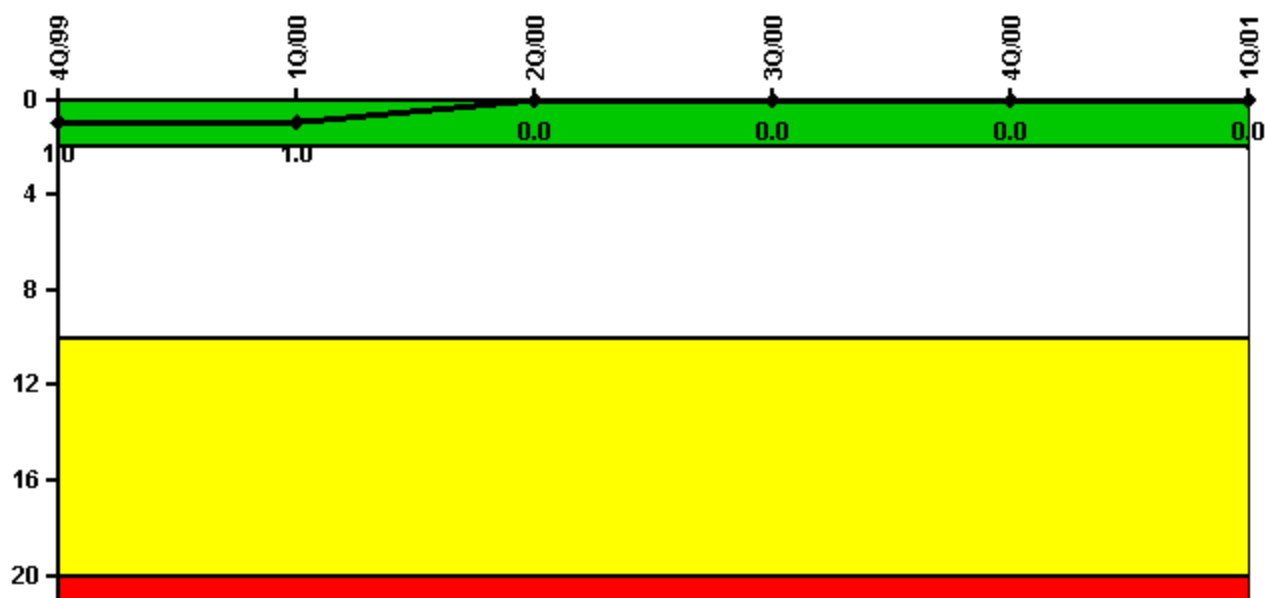
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Unplanned scrams	0	1.0	0	0	0	1.0
Critical hours	2209.0	2131.6	2183.0	2064.1	1685.1	2031.5
Indicator value	0	0.8	0.8	0.8	0.9	0.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



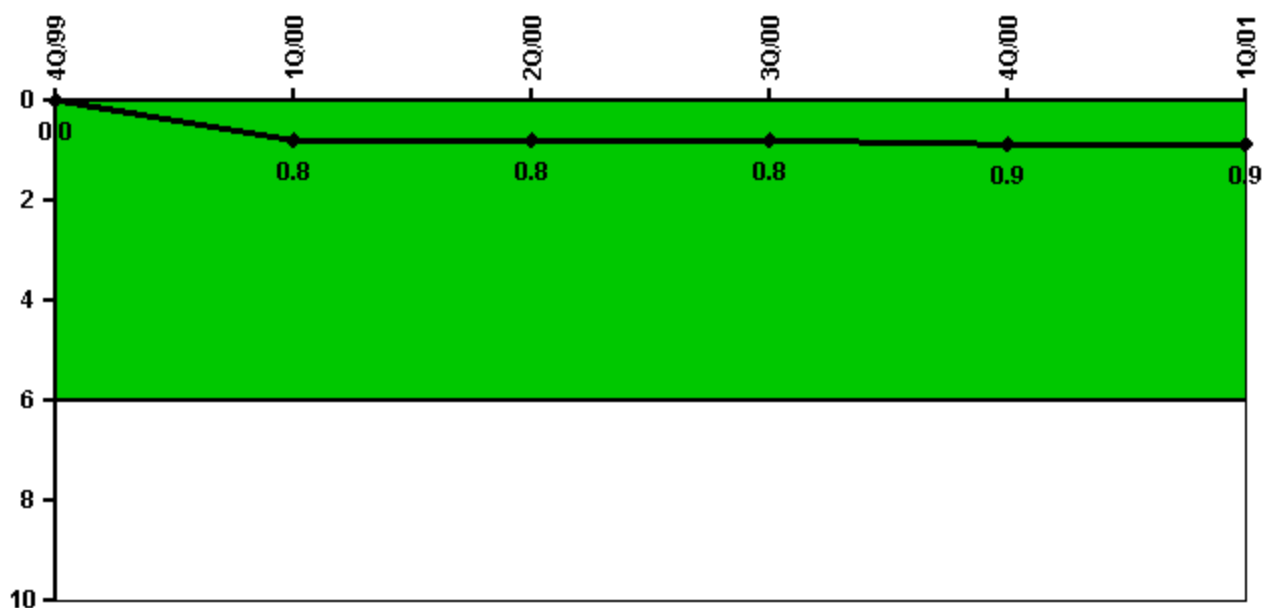
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



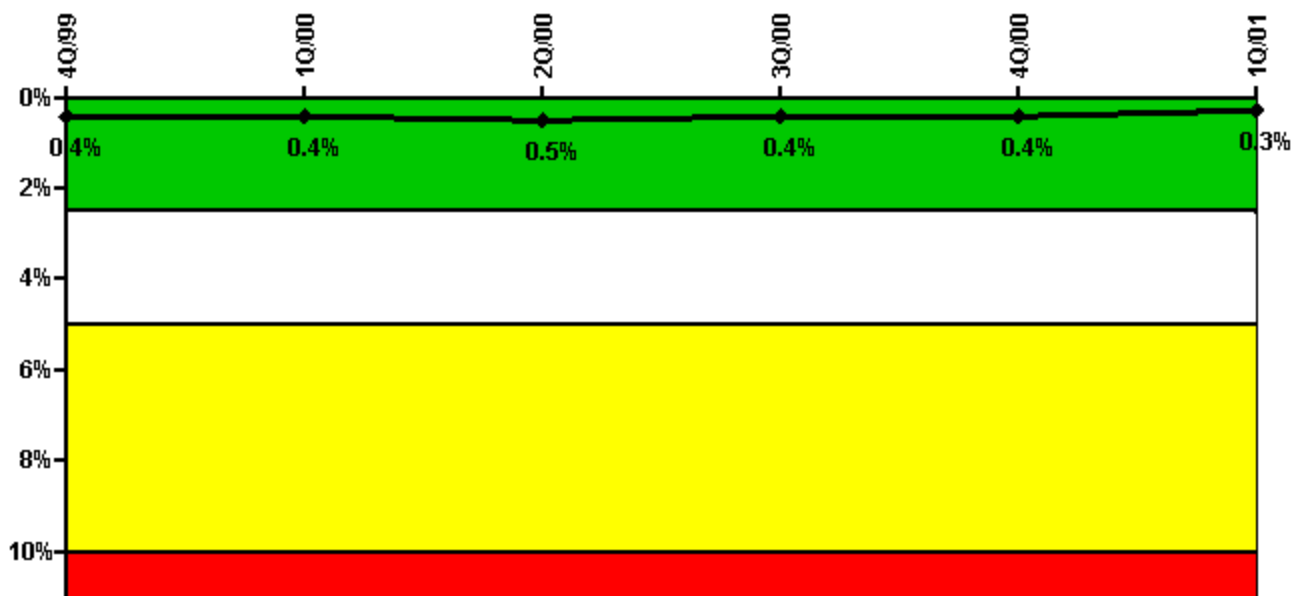
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Unplanned power changes	0	1.0	0	0	0	1.0
Critical hours	2209.0	2131.6	2183.0	2064.1	1685.1	2031.5
Indicator value	0	0.8	0.8	0.8	0.9	0.9

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



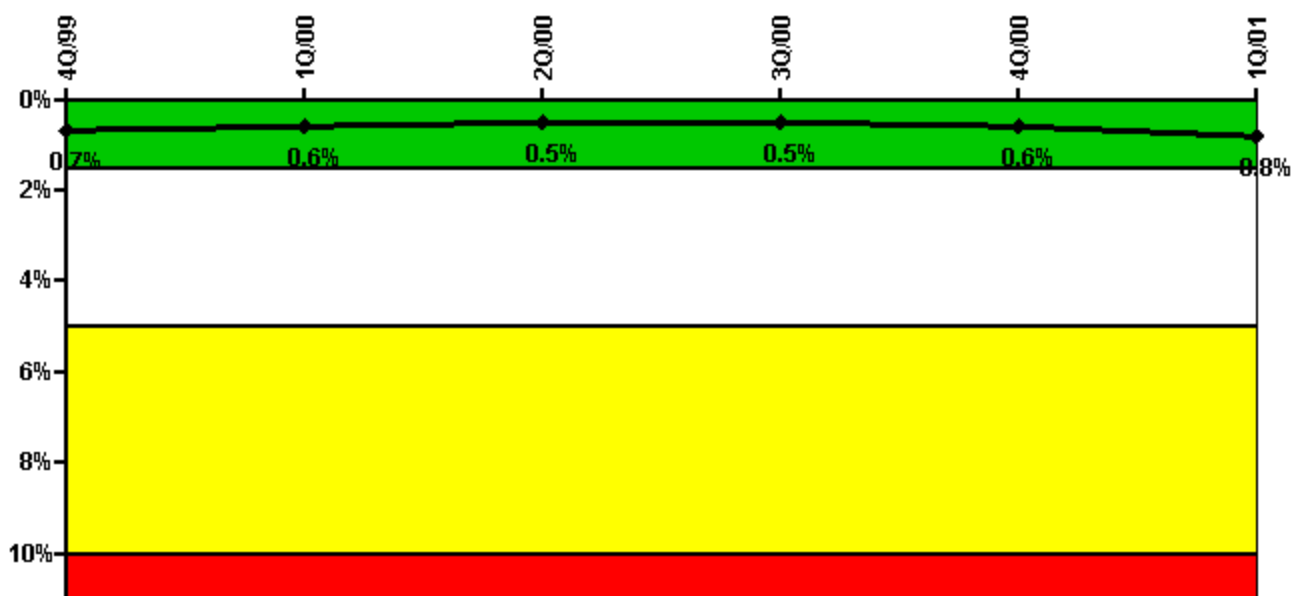
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Train 1						
Planned unavailable hours	0	0	4.00	9.80	3.20	4.00
Unplanned unavailable hours	0	20.00	0	5.80	2.40	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	2151.50	1983.50	2160.00
Train 2						
Planned unavailable hours	0	0	5.70	4.10	11.20	4.00
Unplanned unavailable hours	22.50	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2151.50	1983.50	2160.00
Indicator value	0.4%	0.4%	0.5%	0.4%	0.4%	0.3%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



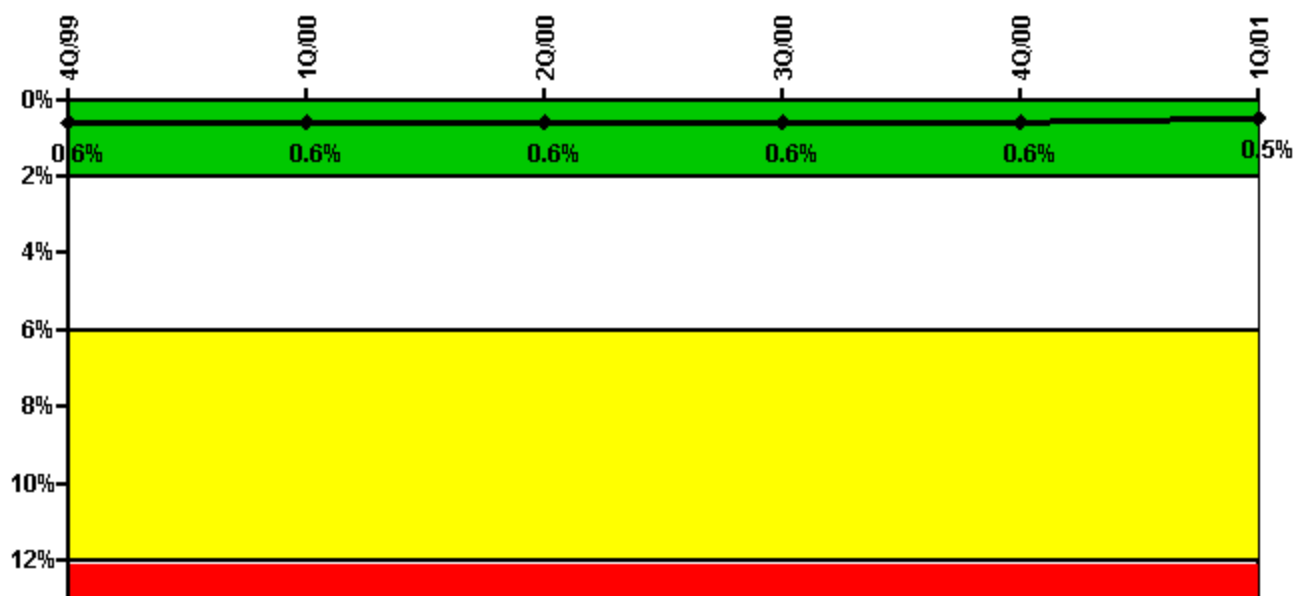
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Train 1						
Planned unavailable hours	1.90	0	0	0	0.10	10.50
Unplanned unavailable hours	0	0	0	0	97.30	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	2095.00	1757.20	2046.50
Train 2						
Planned unavailable hours	1.50	0	0	2.33	0.10	0
Unplanned unavailable hours	0	0	0	0.50	0	33.80
Fault exposure hours	0	0	0	23.00	0	22.20
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2095.00	1757.20	2046.50
Indicator value	0.7%	0.6%	0.5%	0.5%	0.6%	0.8%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



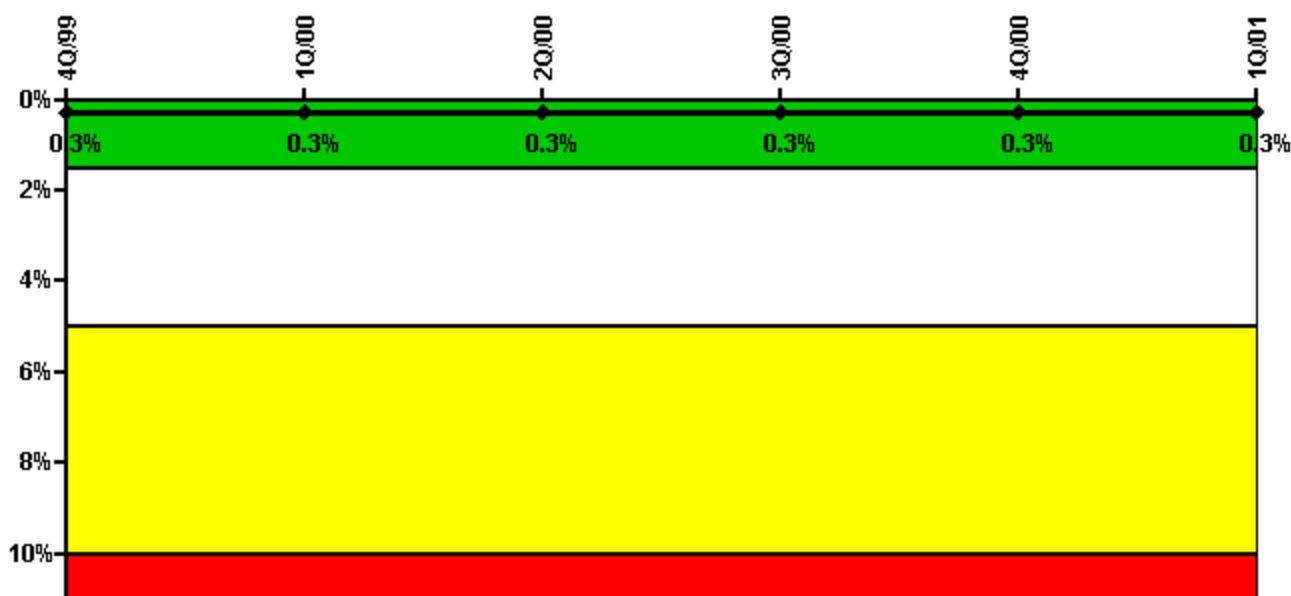
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Train 1						
Planned unavailable hours	0.33	17.83	0	1.00	0	0.40
Unplanned unavailable hours	0	0	10.40	1.30	0	0
Fault exposure hours	0	0	0	82.00	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2073.60	1740.00	2046.50
Train 2						
Planned unavailable hours	0.67	41.77	0	0.60	0	7.50
Unplanned unavailable hours	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2073.60	1740.00	2046.50
Indicator value	0.6%	0.6%	0.6%	0.6%	0.6%	0.5%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



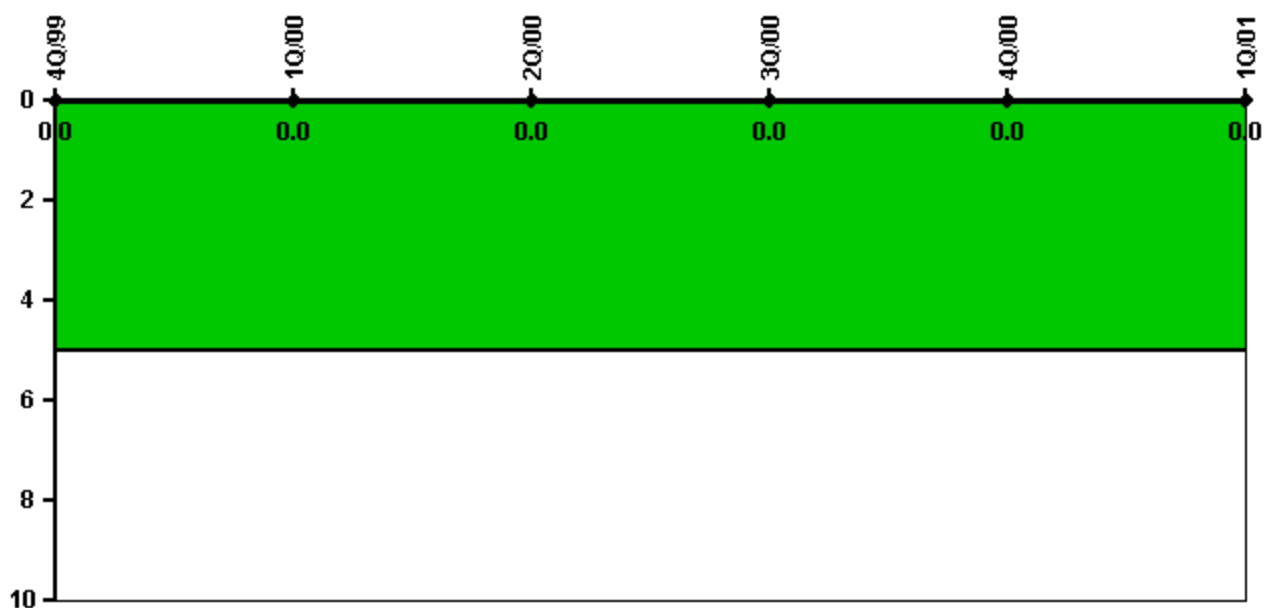
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Train 1						
Planned unavailable hours	0.70	0.90	0.30	13.60	0.85	0.55
Unplanned unavailable hours	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	1954.60	2160.00
Train 2						
Planned unavailable hours	2.00	1.00	0.30	59.55	0.33	0.72
Unplanned unavailable hours	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	1954.60	2160.00
Indicator value	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%

Licensee Comments: none

Safety System Functional Failures (PWR)



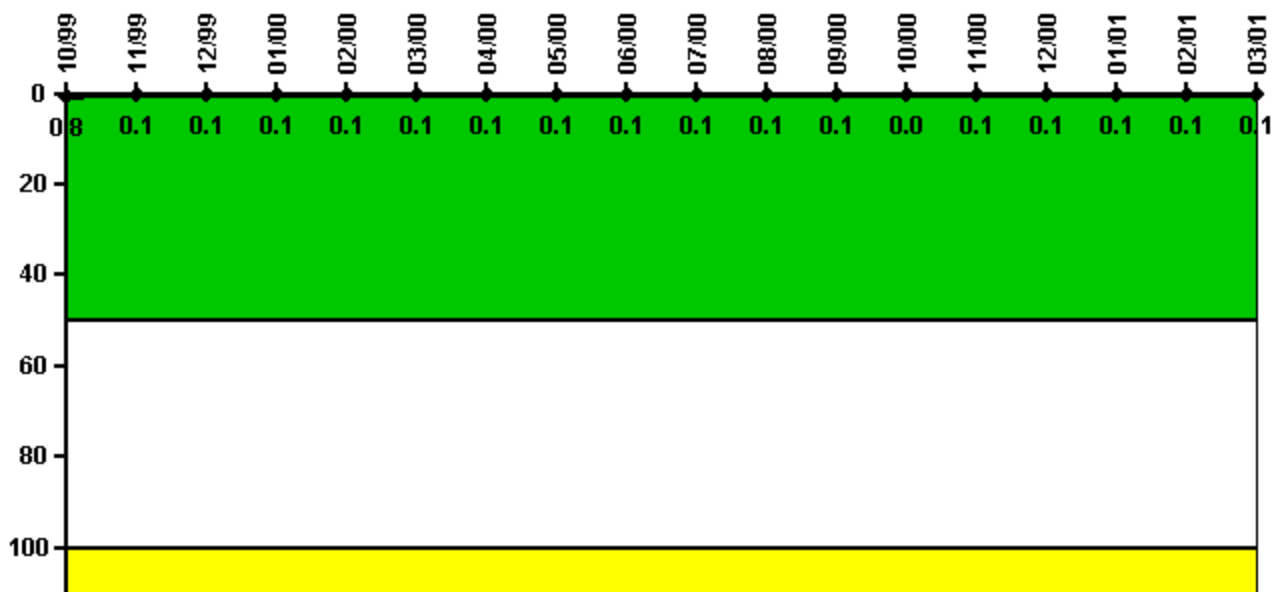
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

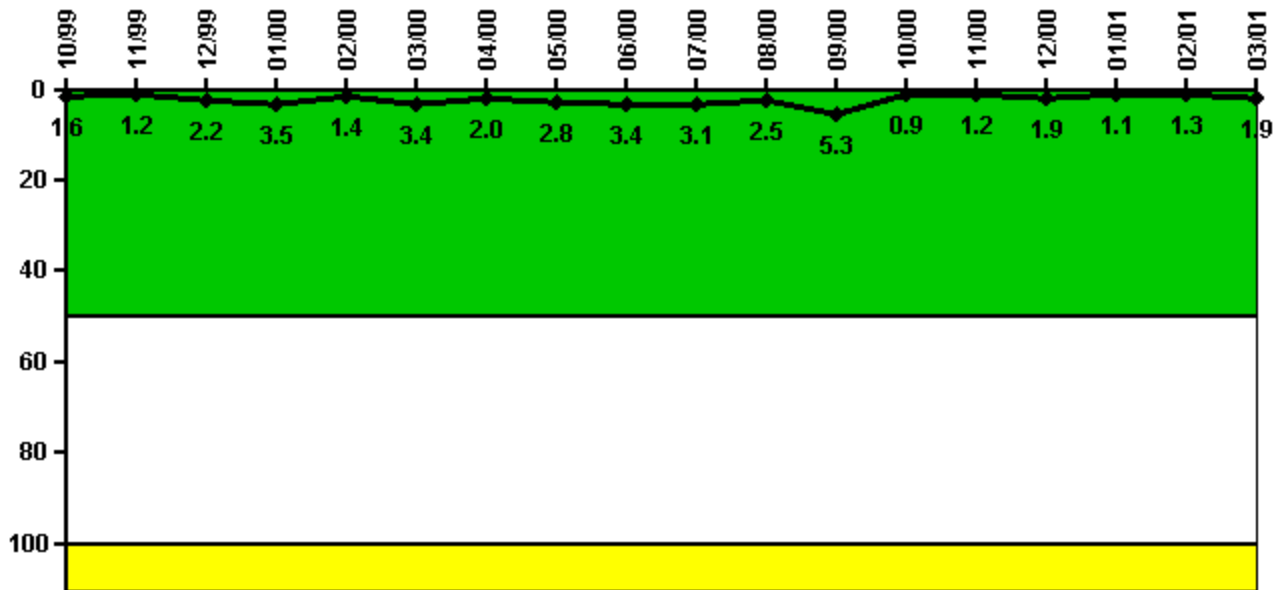
Notes

Reactor Coolant System Activity	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum activity	0.007730	0.000908	0.000964	0.001010	0.001030	0.001200	0.001180	0.001230	0.001200	0.001290	0.001320	0.001370
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01
Maximum activity	0.000381	0.000554	0.000616	0.000545	0.000572	0.000607
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

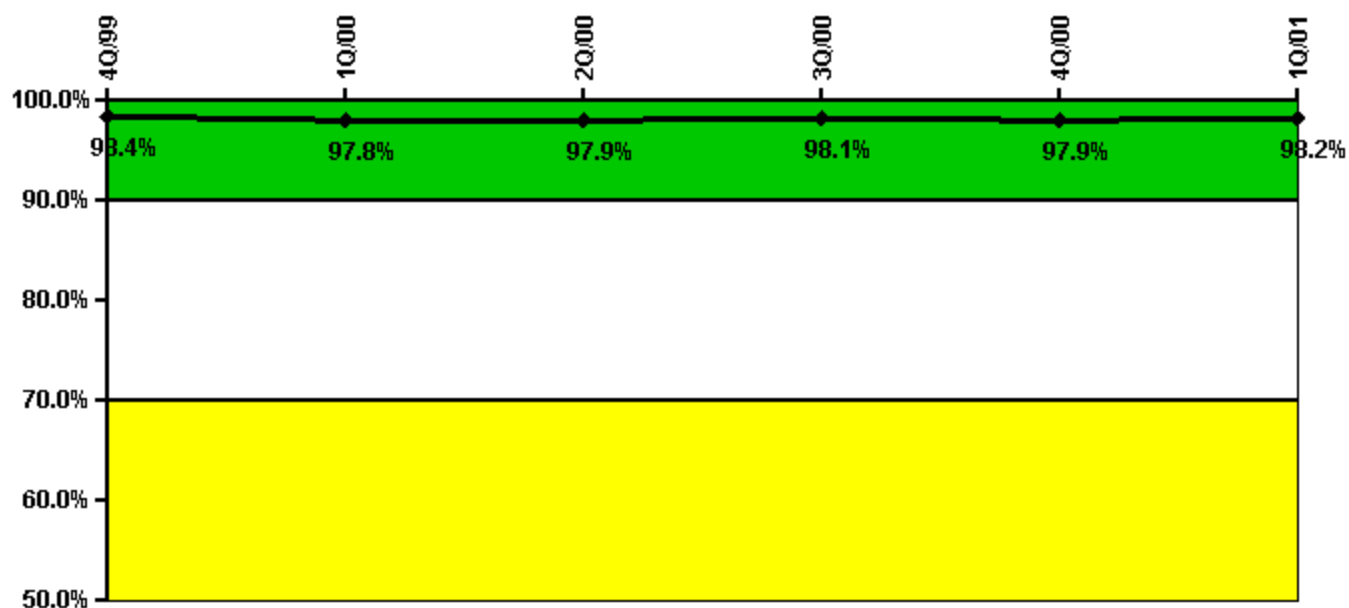
Notes

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	0.160	0.120	0.220	0.350	0.140	0.340	0.200	0.280	0.340	0.310	0.250	0.530
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.6	1.2	2.2	3.5	1.4	3.4	2.0	2.8	3.4	3.1	2.5	5.3

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01
Maximum leakage	0.090	0.120	0.190	0.110	0.130	0.190
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.9	1.2	1.9	1.1	1.3	1.9

Licensee Comments: none

Drill/Exercise Performance



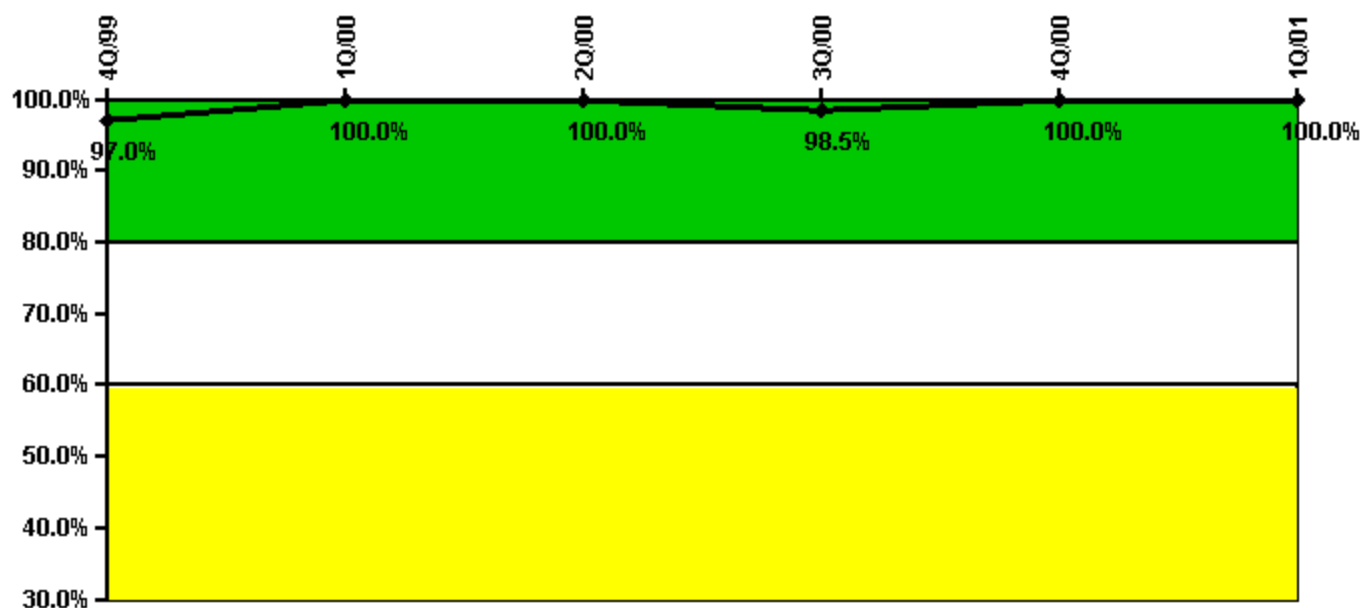
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Successful opportunities	104.0	58.0	58.0	51.0	10.0	71.0
Total opportunities	106.0	63.0	58.0	51.0	10.0	72.0
Indicator value	98.4%	97.8%	97.9%	98.1%	97.9%	98.2%

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	64.0	70.0	70.0	66.0	66.0	67.0
Total Key personnel	66.0	70.0	70.0	67.0	66.0	67.0
Indicator value	97.0%	100.0%	100.0%	98.5%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



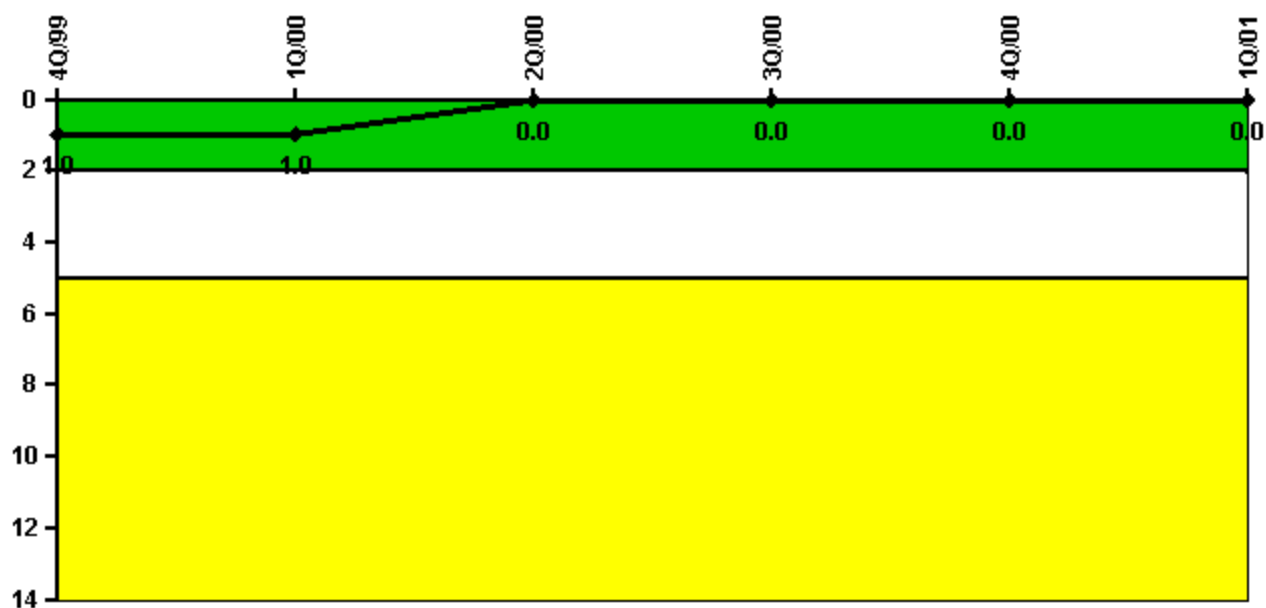
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Successful siren-tests	328	328	327	328	327	327
Total sirens-tests	329	329	329	329	329	329
Indicator value	99.7%	99.7%	99.6%	99.6%	99.5%	99.5%

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

RETS/ODCM Radiological Effluent



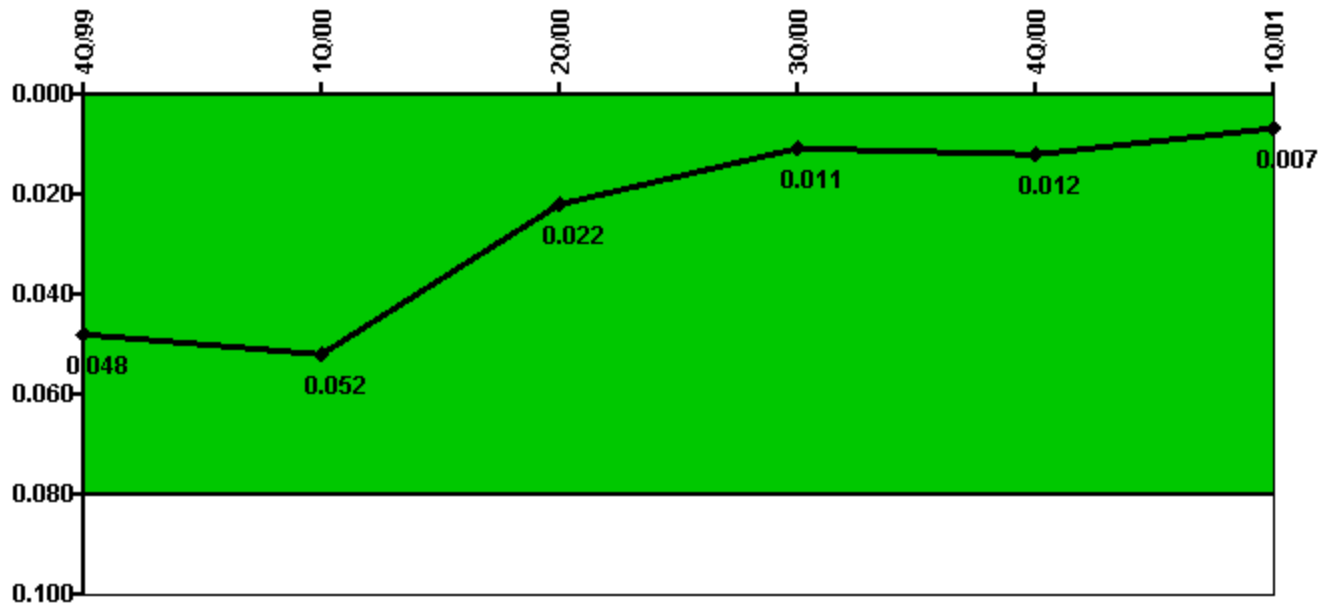
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
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	90.40	169.50	34.20	82.50	79.90	13.40
CCTV compensatory hours	0	0	0	5.4	28.9	0
IDS normalization factor	1.95	1.95	1.95	1.95	1.95	1.95
CCTV normalization factor	2.2	2.2	2.2	2.2	2.2	2.2
Index Value	0.048	0.052	0.022	0.011	0.012	0.007

Licensee Comments:

1Q/01: IDS hours corrected to reflect first officer posted for 2Q2000 and 3Q2000

Personnel Screening Program



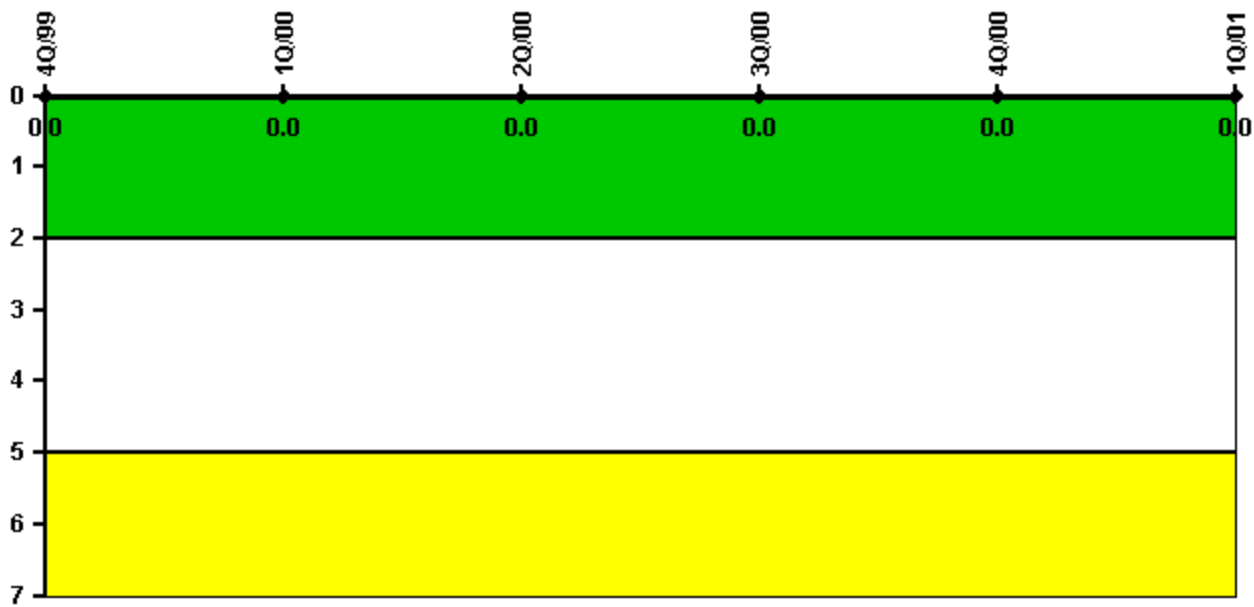
Thresholds: White > 2.0 Yellow > 5.0

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](#)

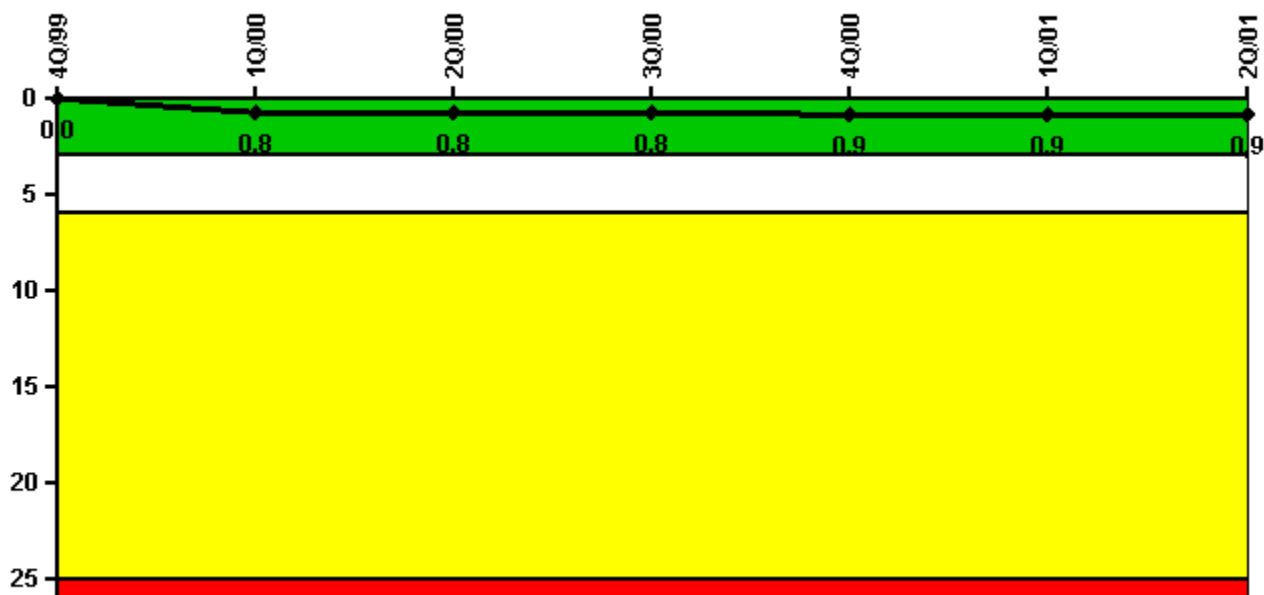
Last Modified: March 28, 2002

Turkey Point 4

2Q/2001 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



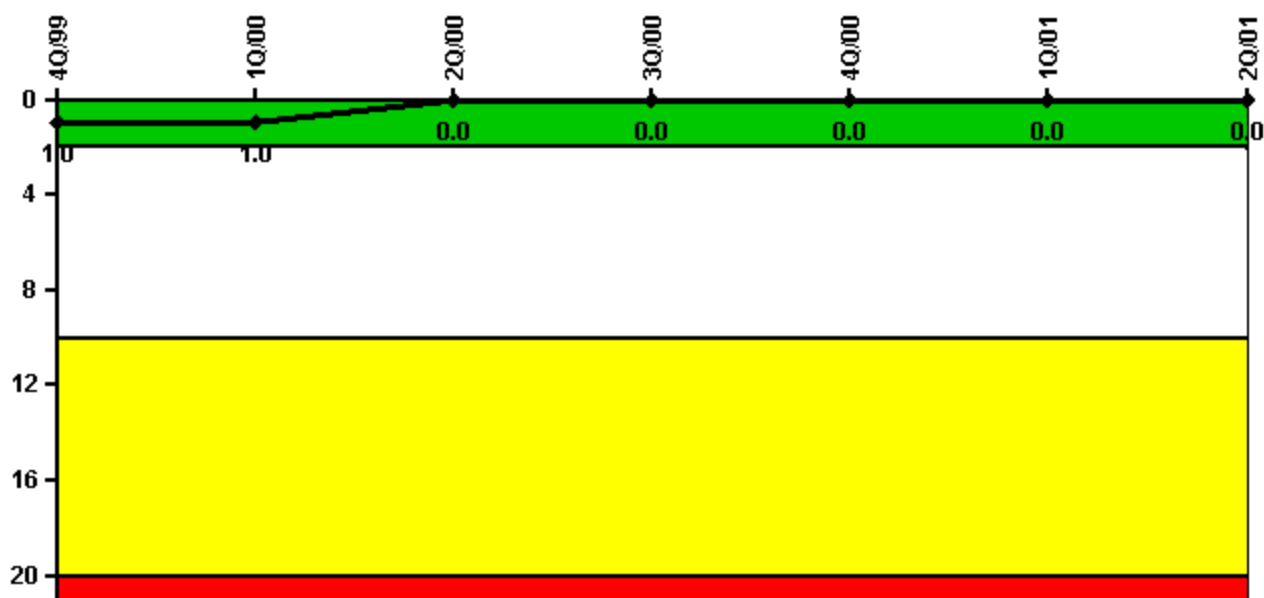
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Unplanned scrams	0	1.0	0	0	0	1.0	0
Critical hours	2209.0	2131.6	2183.0	2064.1	1685.1	2031.5	2183.0
Indicator value	0	0.8	0.8	0.8	0.9	0.9	0.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



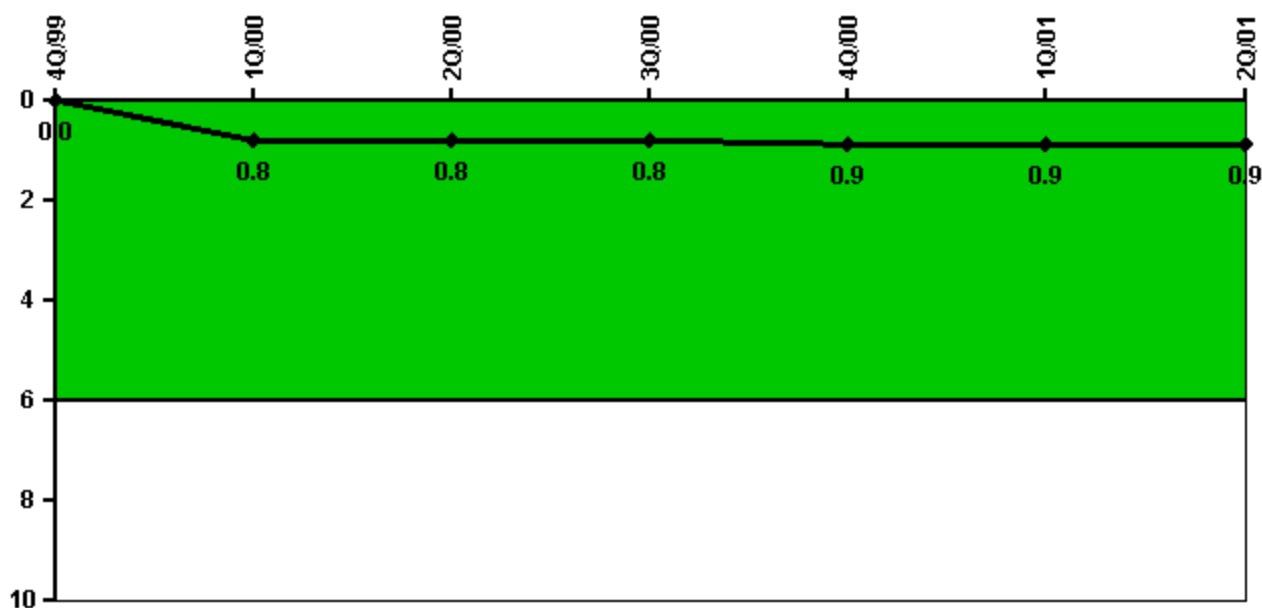
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



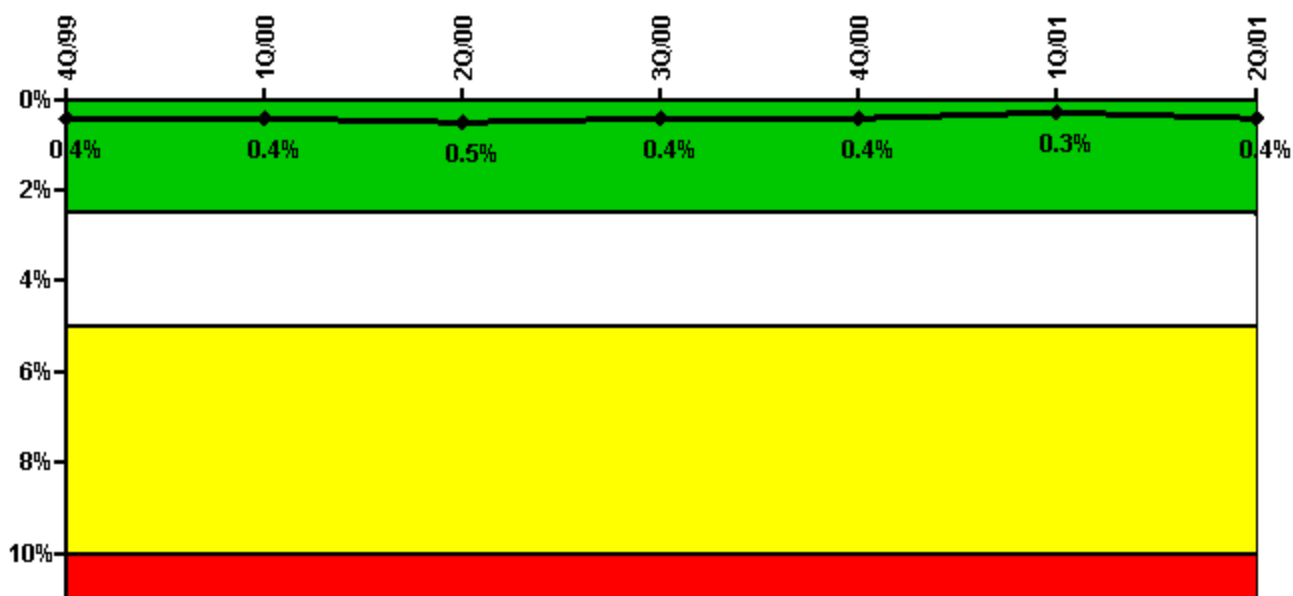
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Unplanned power changes	0	1.0	0	0	0	1.0	0
Critical hours	2209.0	2131.6	2183.0	2064.1	1685.1	2031.5	2183.0
Indicator value	0	0.8	0.8	0.8	0.9	0.9	0.9

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



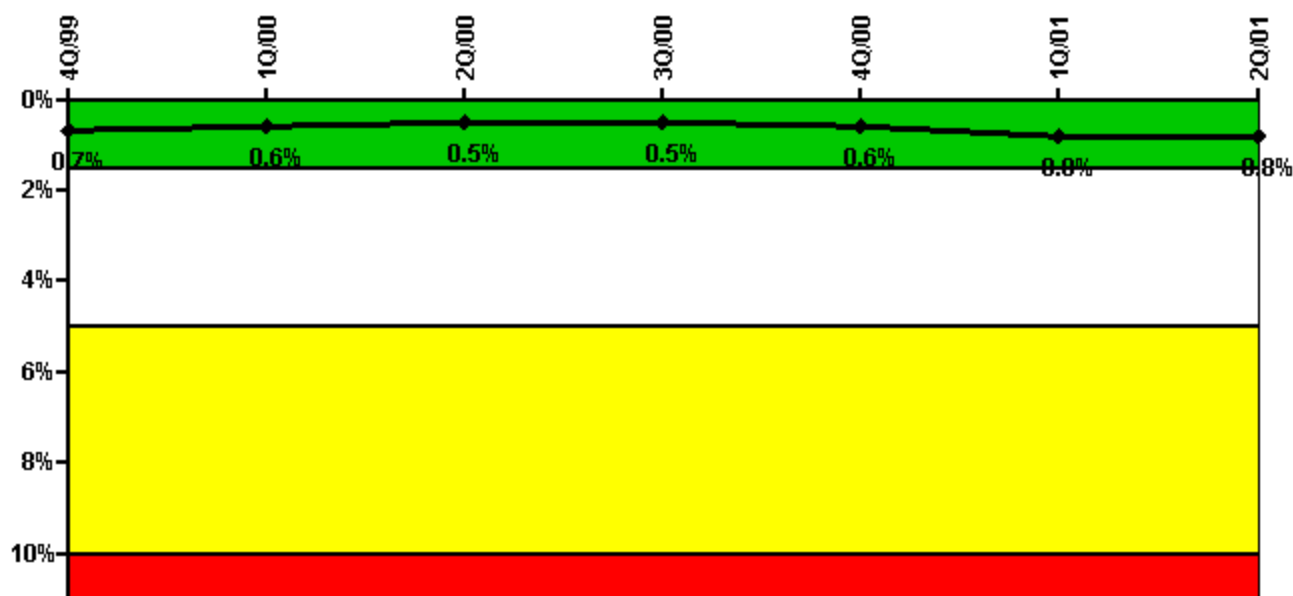
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	0	0	4.00	9.80	3.20	4.00	2.40
Unplanned unavailable hours	0	20.00	0	5.80	2.40	0	13.00
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	2151.50	1983.50	2160.00	2183.00
Train 2							
Planned unavailable hours	0	0	5.70	4.10	11.20	4.00	24.00
Unplanned unavailable hours	22.50	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2151.50	1983.50	2160.00	2183.00
Indicator value	0.4%	0.4%	0.5%	0.4%	0.4%	0.3%	0.4%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



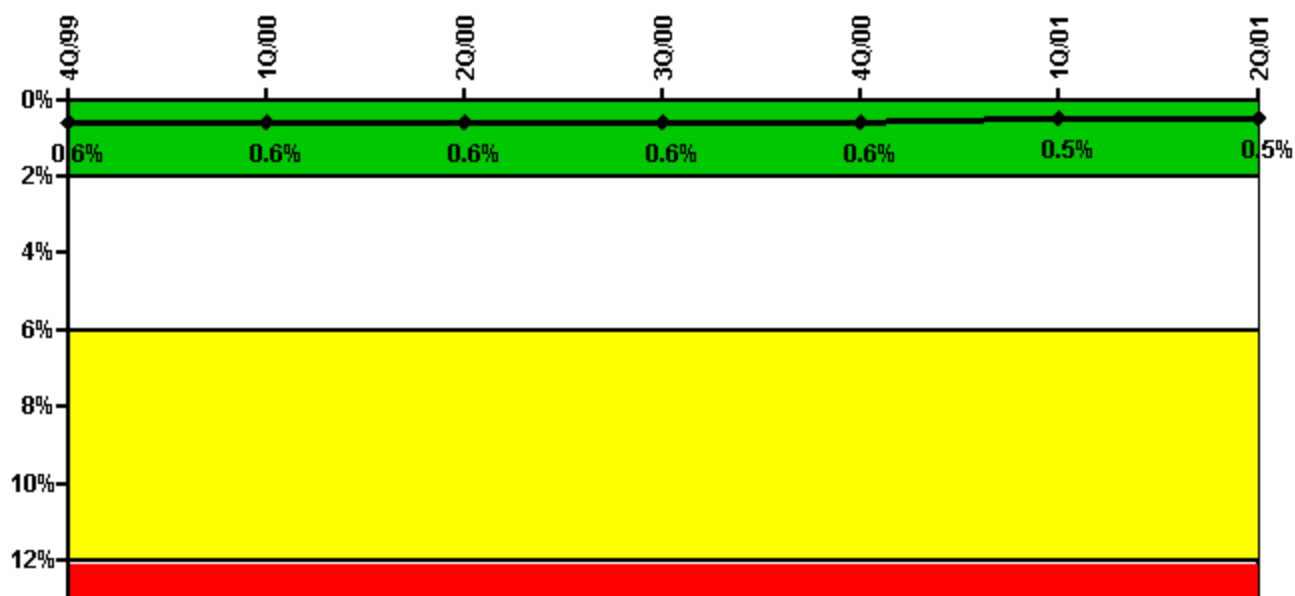
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	1.90	0	0	0	0.10	10.50	1.00
Unplanned unavailable hours	0	0	0	0	97.30	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	2095.00	1757.20	2046.50	2183.00
Train 2							
Planned unavailable hours	1.50	0	0	2.33	0.10	0	17.13
Unplanned unavailable hours	0	0	0	0.50	0	33.80	0
Fault exposure hours	0	0	0	23.00	0	22.20	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2095.00	1757.20	2046.50	2183.00
Indicator value	0.7%	0.6%	0.5%	0.5%	0.6%	0.8%	0.8%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



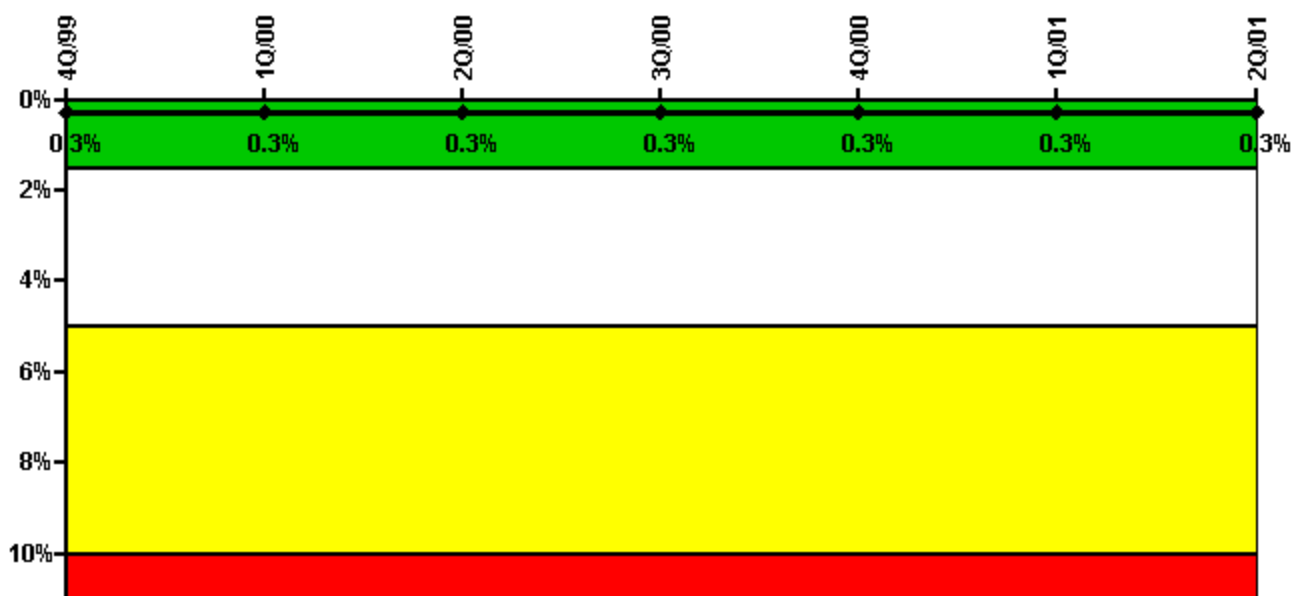
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

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	0.33	17.83	0	1.00	0	0.40	3.20
Unplanned unavailable hours	0	0	10.40	1.30	0	0	0
Fault exposure hours	0	0	0	82.00	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2073.60	1740.00	2046.50	2183.00
Train 2							
Planned unavailable hours	0.67	41.77	0	0.60	0	7.50	0
Unplanned unavailable hours	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2073.60	1740.00	2046.50	2183.00
Indicator value	0.6%	0.6%	0.6%	0.6%	0.6%	0.5%	0.5%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



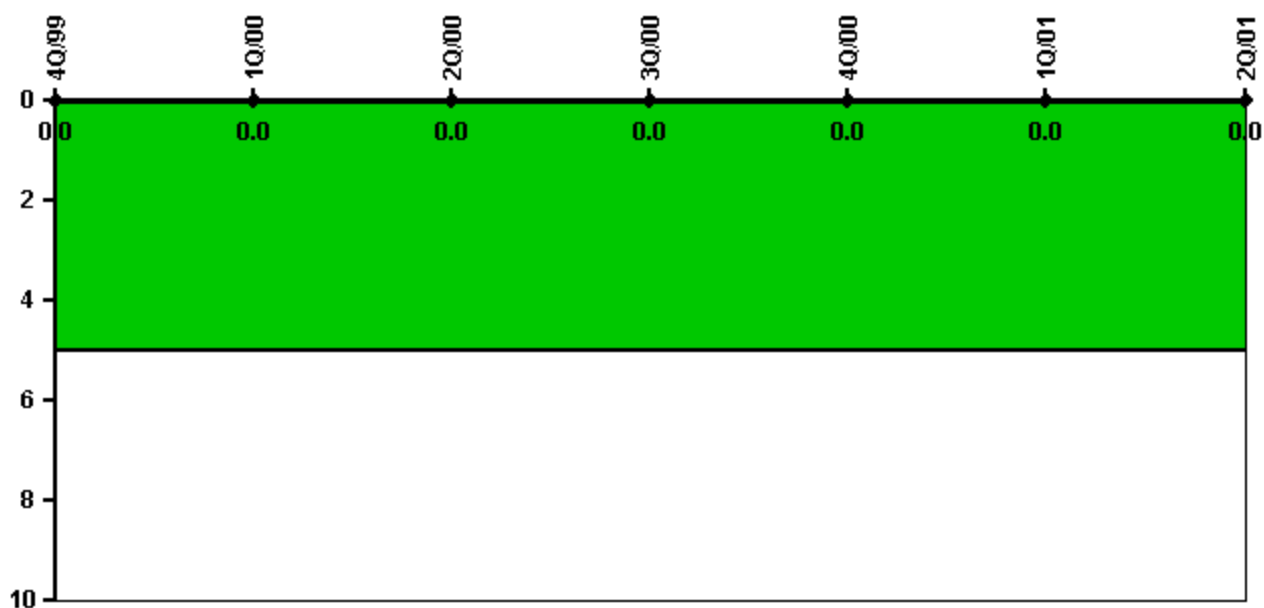
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	0.70	0.90	0.30	13.60	0.85	0.55	3.37
Unplanned unavailable hours	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	1954.60	2160.00	2183.00
Train 2							
Planned unavailable hours	2.00	1.00	0.30	59.55	0.33	0.72	3.27
Unplanned unavailable hours	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	1954.60	2160.00	2183.00
Indicator value	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%

Licensee Comments: none

Safety System Functional Failures (PWR)



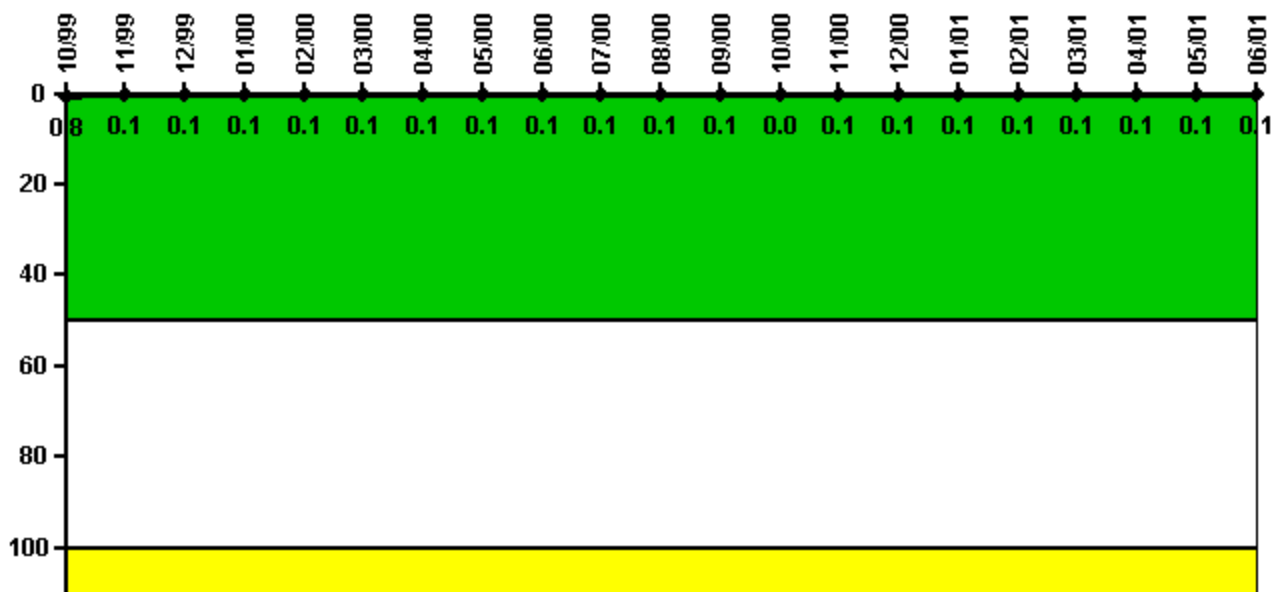
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

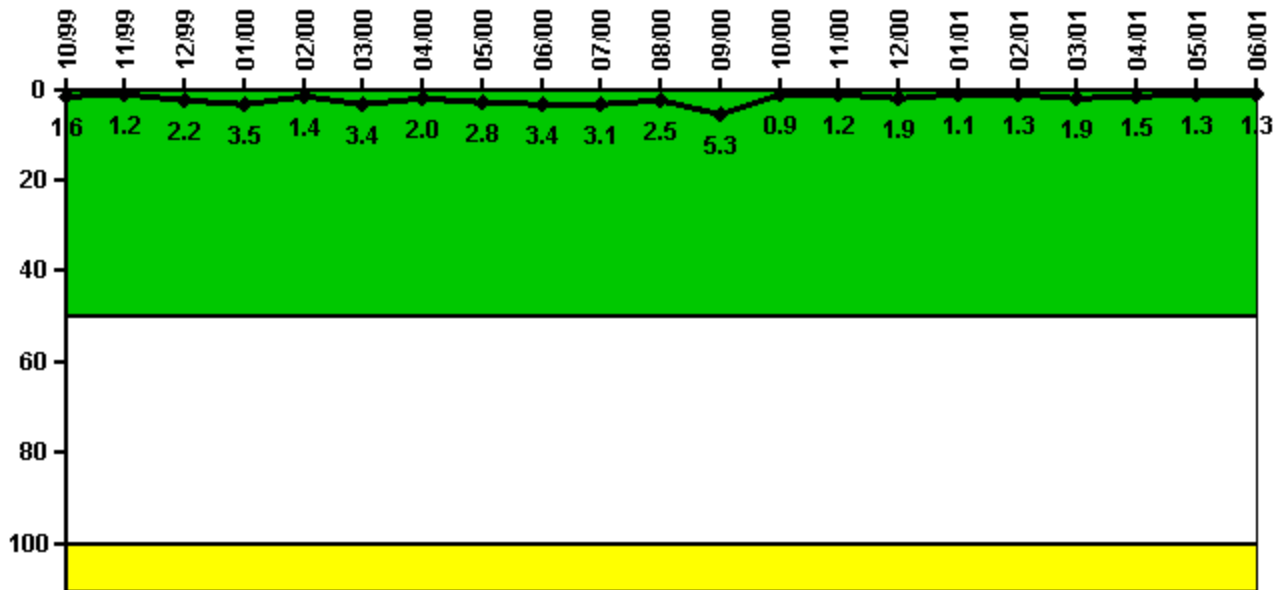
Notes

Reactor Coolant System Activity	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum activity	0.007730	0.000908	0.000964	0.001010	0.001030	0.001200	0.001180	0.001230	0.001200	0.001290	0.001320	0.001370
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum activity	0.000381	0.000554	0.000616	0.000545	0.000572	0.000607	0.000736	0.000730	0.000764
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

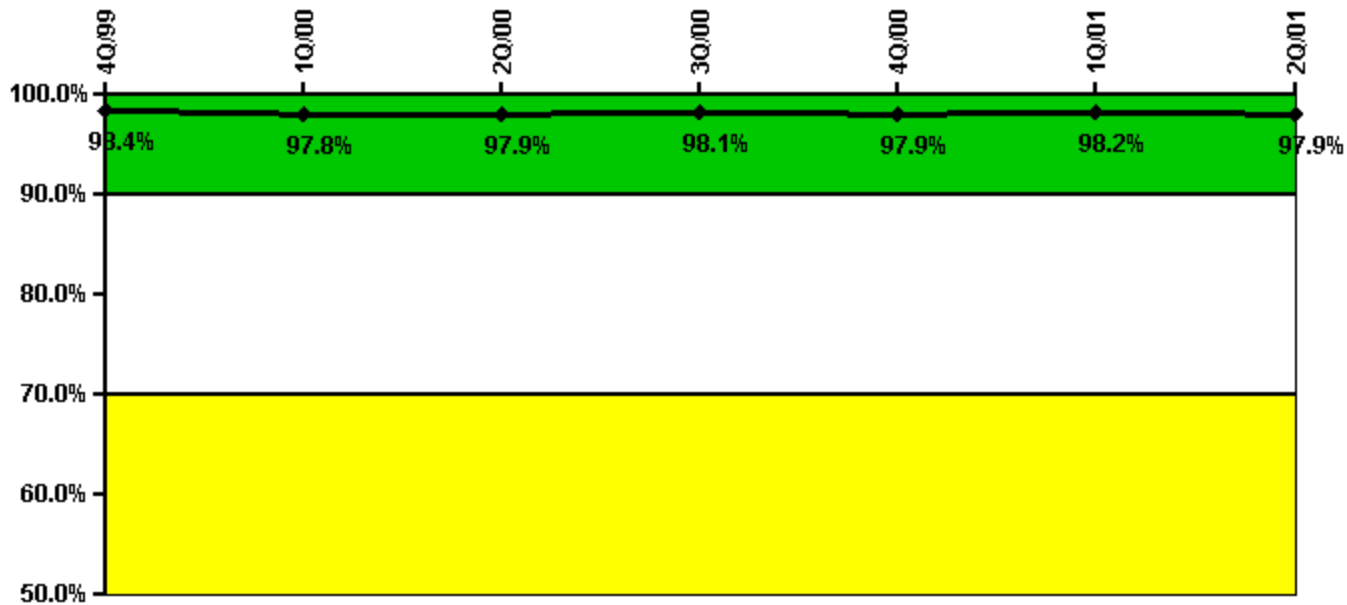
Notes

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	0.160	0.120	0.220	0.350	0.140	0.340	0.200	0.280	0.340	0.310	0.250	0.530
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.6	1.2	2.2	3.5	1.4	3.4	2.0	2.8	3.4	3.1	2.5	5.3

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum leakage	0.090	0.120	0.190	0.110	0.130	0.190	0.150	0.130	0.130
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.9	1.2	1.9	1.1	1.3	1.9	1.5	1.3	1.3

Licensee Comments: none

Drill/Exercise Performance



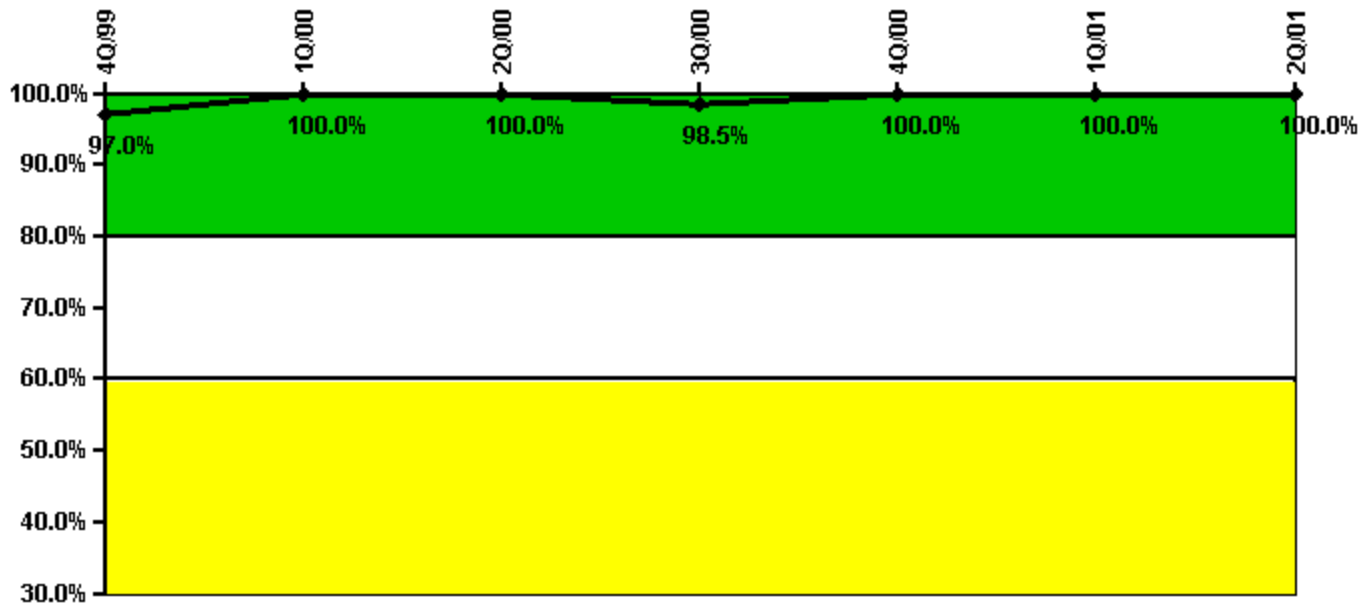
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Successful opportunities	104.0	58.0	58.0	51.0	10.0	71.0	56.0
Total opportunities	106.0	63.0	58.0	51.0	10.0	72.0	57.0
Indicator value	98.4%	97.8%	97.9%	98.1%	97.9%	98.2%	97.9%

Licensee Comments: none

ERO Drill Participation



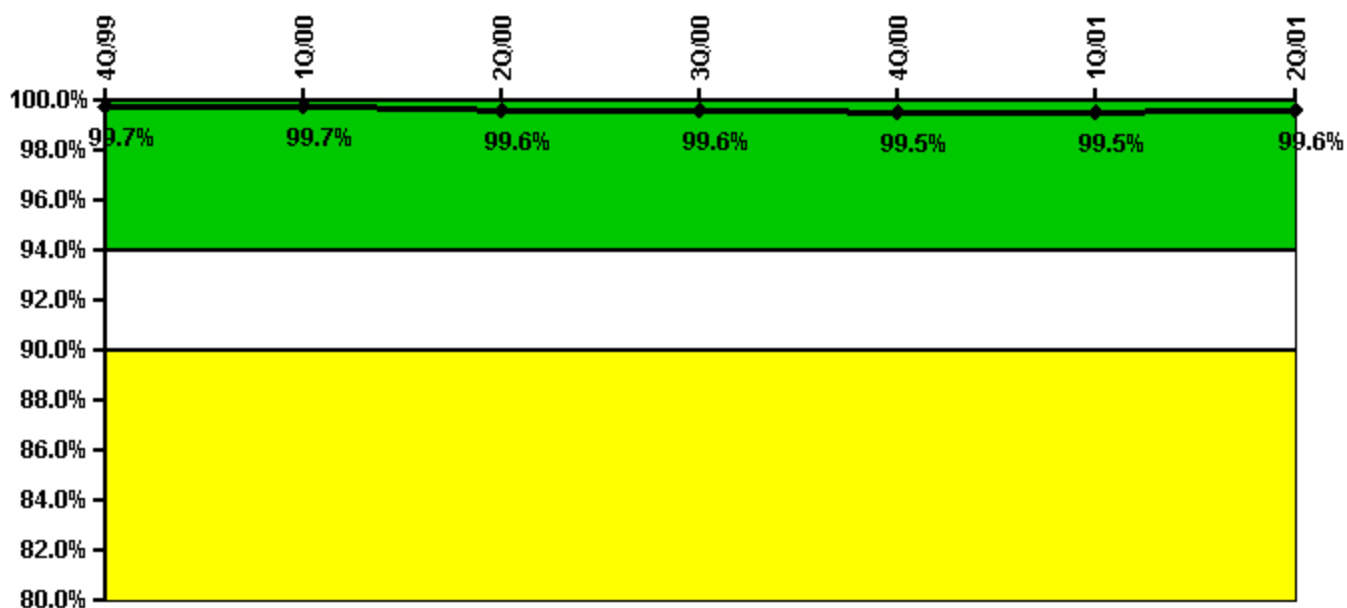
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Participating Key personnel	64.0	70.0	70.0	66.0	66.0	67.0	69.0
Total Key personnel	66.0	70.0	70.0	67.0	66.0	67.0	69.0
Indicator value	97.0%	100.0%	100.0%	98.5%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



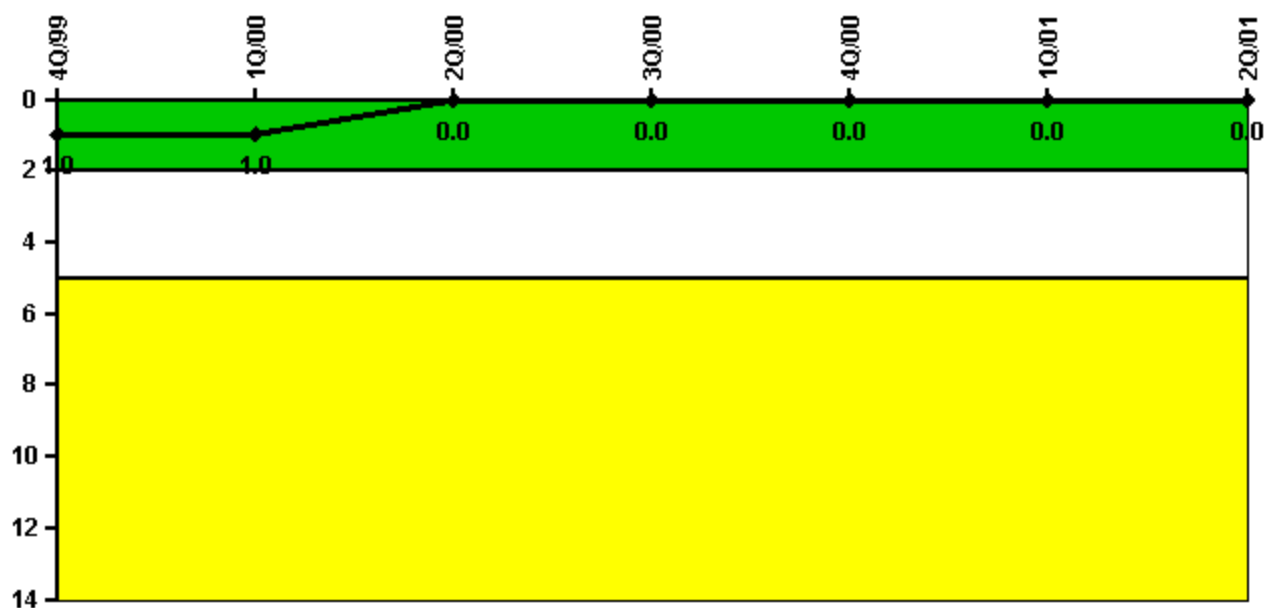
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Successful siren-tests	328	328	327	328	327	327	329
Total sirens-tests	329	329	329	329	329	329	329
Indicator value	99.7%	99.7%	99.6%	99.6%	99.5%	99.5%	99.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness



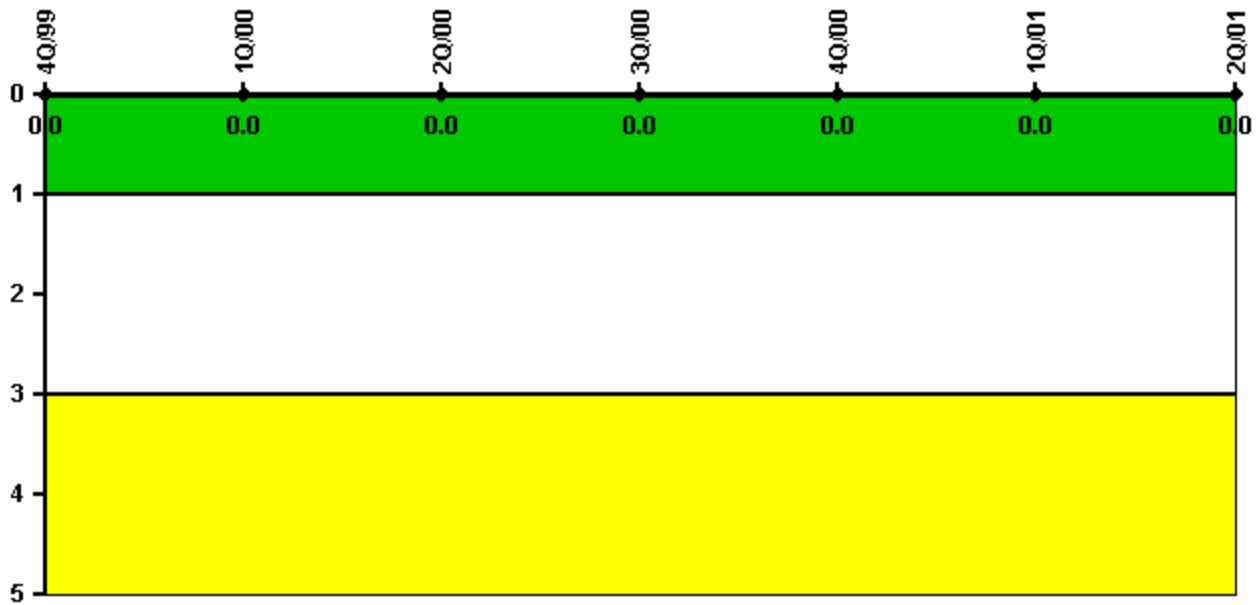
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

RETS/ODCM Radiological Effluent



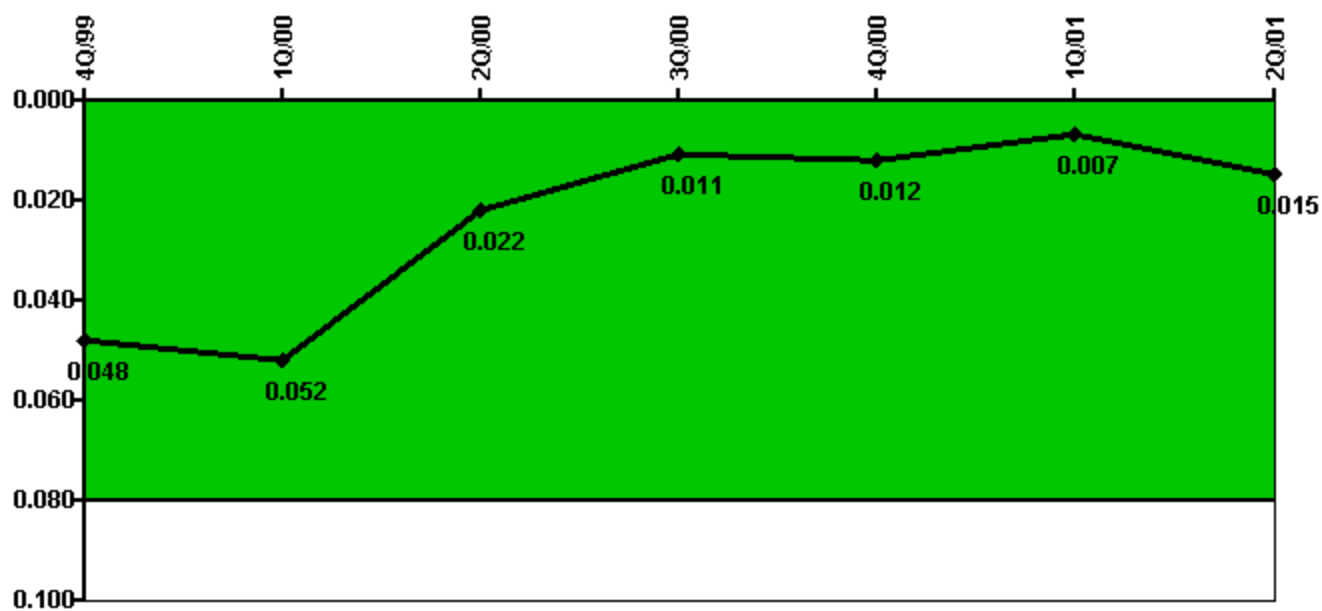
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/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



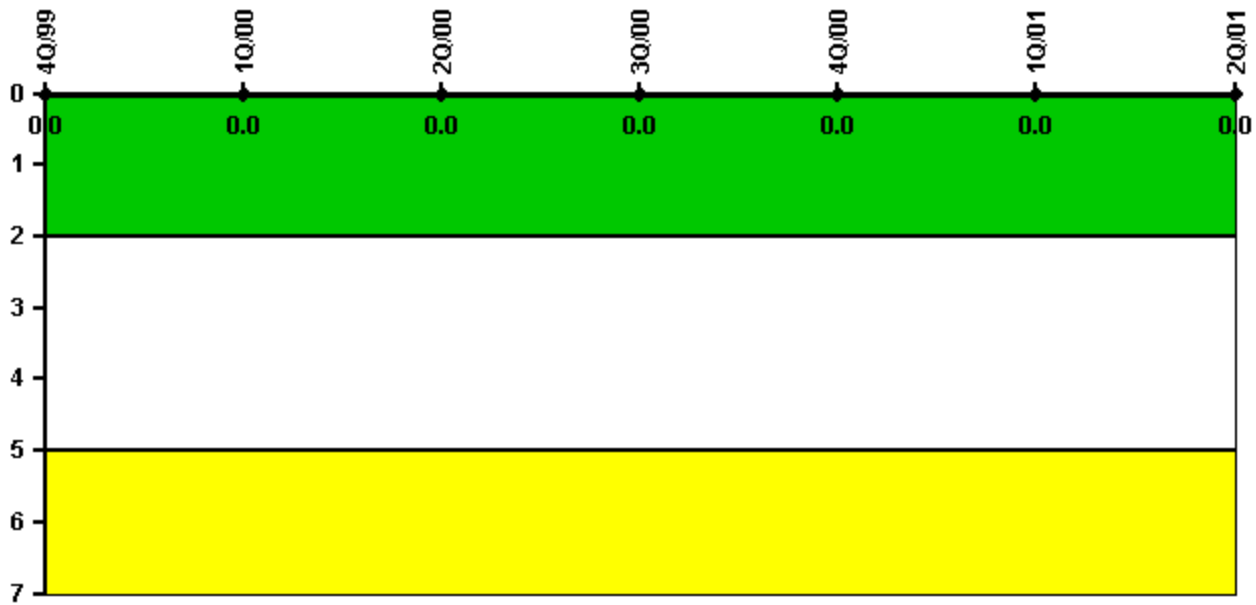
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
IDS compensatory hours	90.40	169.50	34.20	82.50	79.90	13.40	311.80
CCTV compensatory hours	0	0	0	5.4	28.9	0	0
IDS normalization factor	1.95	1.95	1.95	1.95	1.95	1.95	1.95
CCTV normalization factor	2.2	2.2	2.2	2.2	2.2	2.2	2.2
Index Value	0.048	0.052	0.022	0.011	0.012	0.007	0.015

Licensee Comments: none

Personnel Screening Program



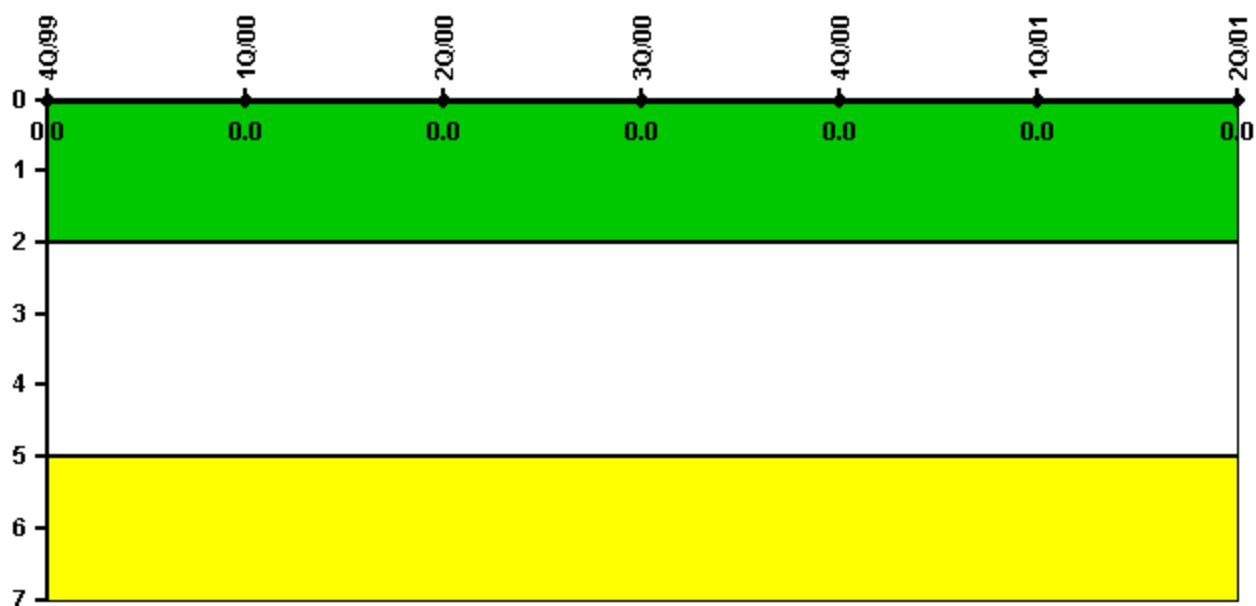
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

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

Last Modified: March 27, 2002

Turkey Point 4

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	1.0	0	0	0	1.0	0	0
Critical hours	2209.0	2131.6	2183.0	2064.1	1685.1	2031.5	2183.0	2208.0
Indicator value	0	0.8	0.8	0.8	0.9	0.9	0.9	0.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



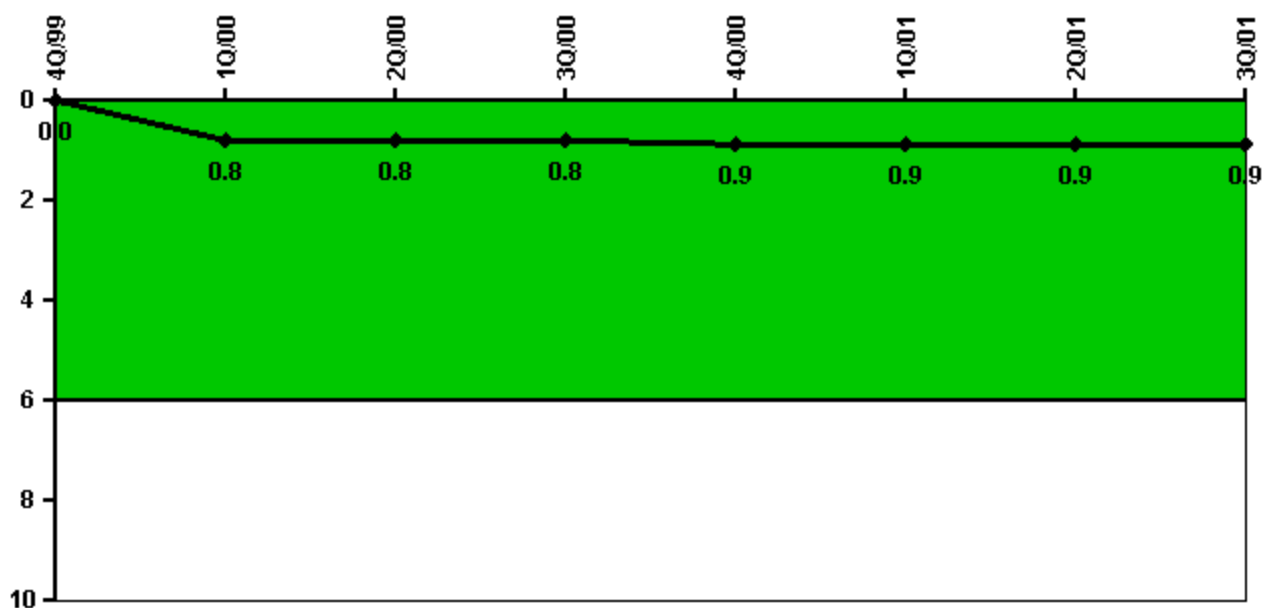
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



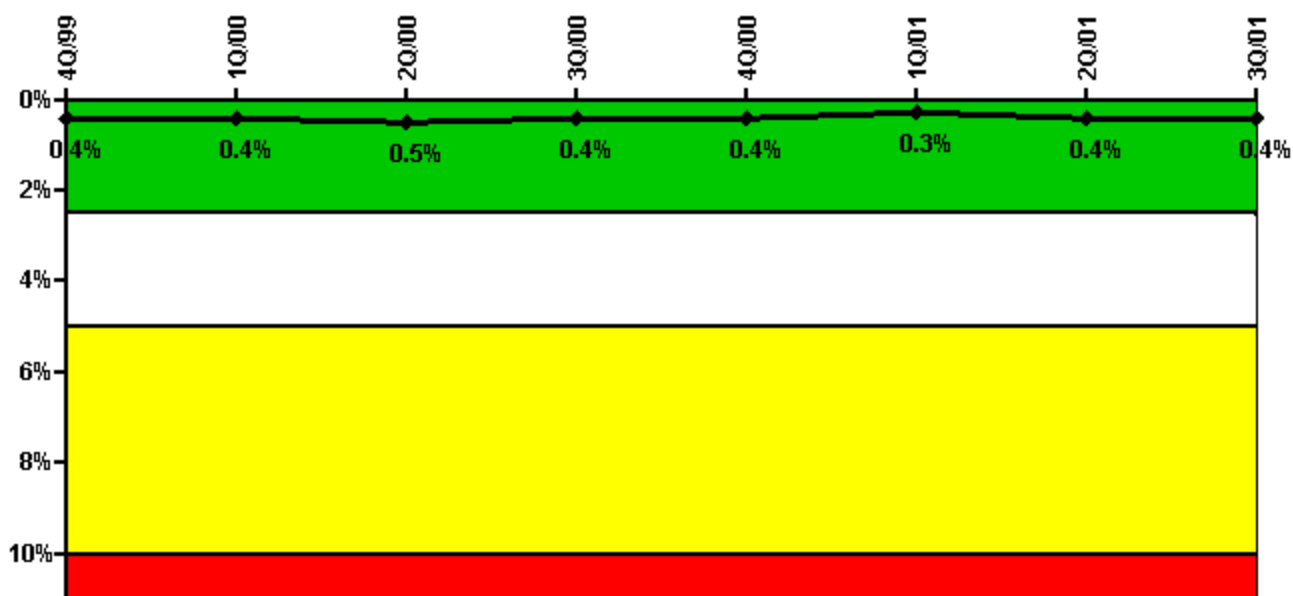
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Unplanned power changes	0	1.0	0	0	0	1.0	0	0
Critical hours	2209.0	2131.6	2183.0	2064.1	1685.1	2031.5	2183.0	2208.0
Indicator value	0	0.8	0.8	0.8	0.9	0.9	0.9	0.9

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



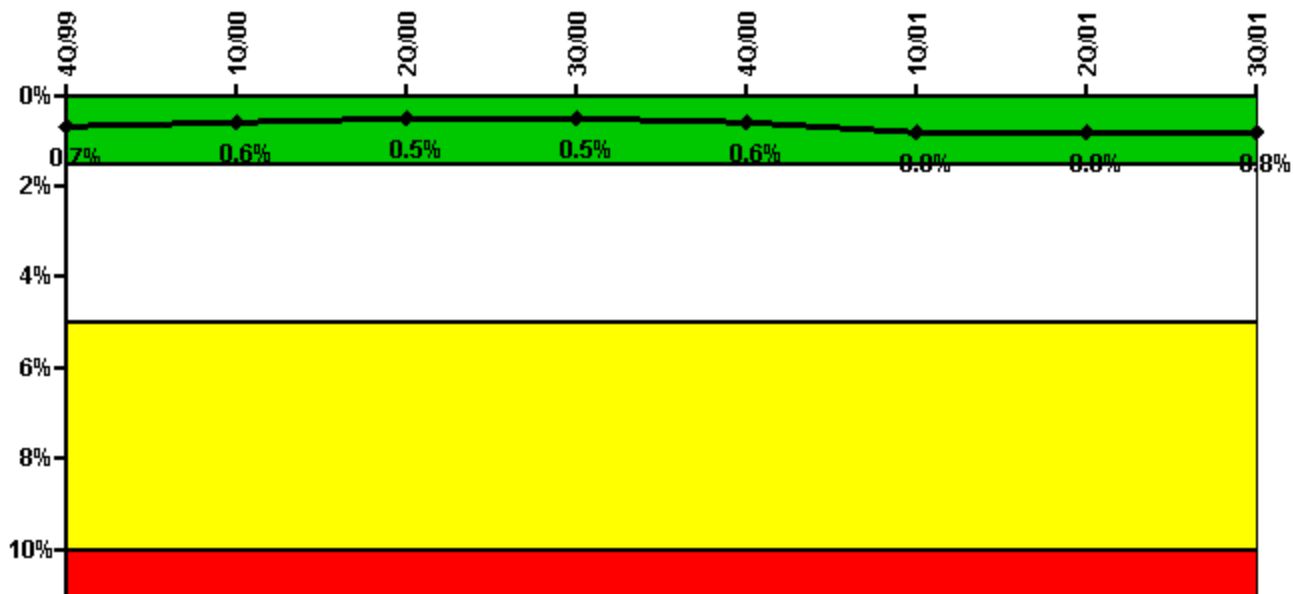
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1								
Planned unavailable hours	0	0	4.00	9.80	3.20	4.00	2.40	30.20
Unplanned unavailable hours	0	20.00	0	5.80	2.40	0	13.00	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2151.50	1983.50	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	0	0	5.70	4.10	11.20	4.00	24.00	1.60
Unplanned unavailable hours	22.50	0	0	0	0	0	0	0.80
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2151.50	1983.50	2160.00	2183.00	2208.00
Indicator value	0.4%	0.4%	0.5%	0.4%	0.4%	0.3%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



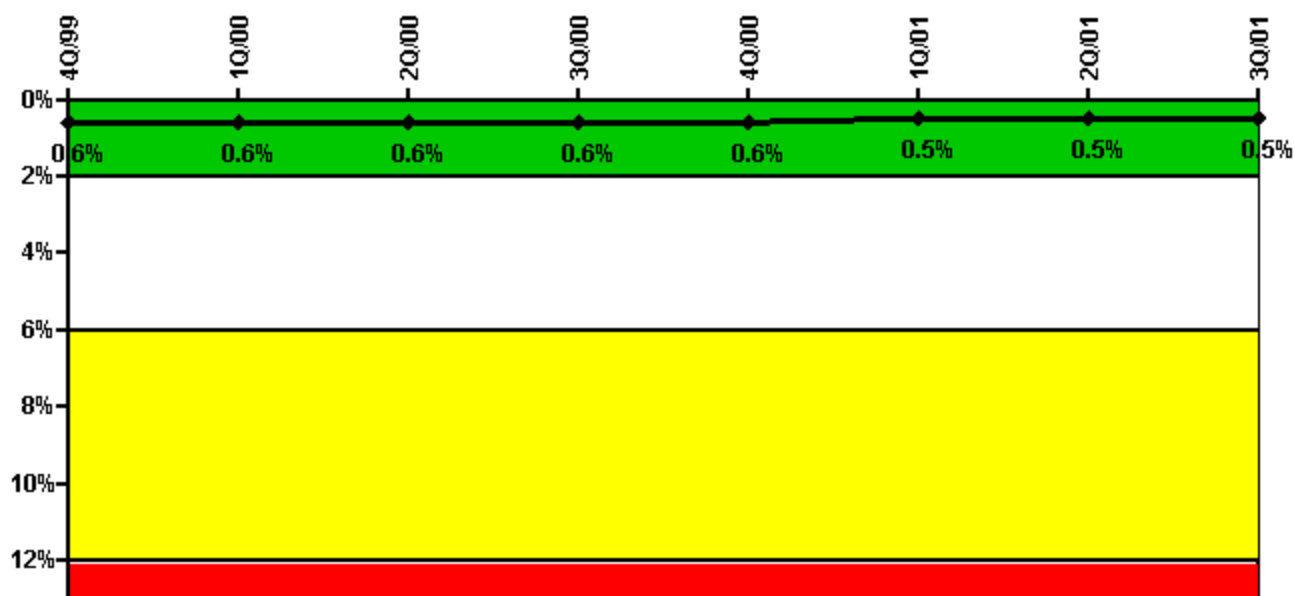
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1								
Planned unavailable hours	1.90	0	0	0	0.10	10.50	1.00	0
Unplanned unavailable hours	0	0	0	0	97.30	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2095.00	1757.20	2046.50	2183.00	2208.00
Train 2								
Planned unavailable hours	1.50	0	0	2.33	0.10	0	17.13	0
Unplanned unavailable hours	0	0	0	0.50	0	33.80	0	0
Fault exposure hours	0	0	0	23.00	0	22.20	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2095.00	1757.20	2046.50	2183.00	2208.00
Indicator value	0.7%	0.6%	0.5%	0.5%	0.6%	0.8%	0.8%	0.8%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



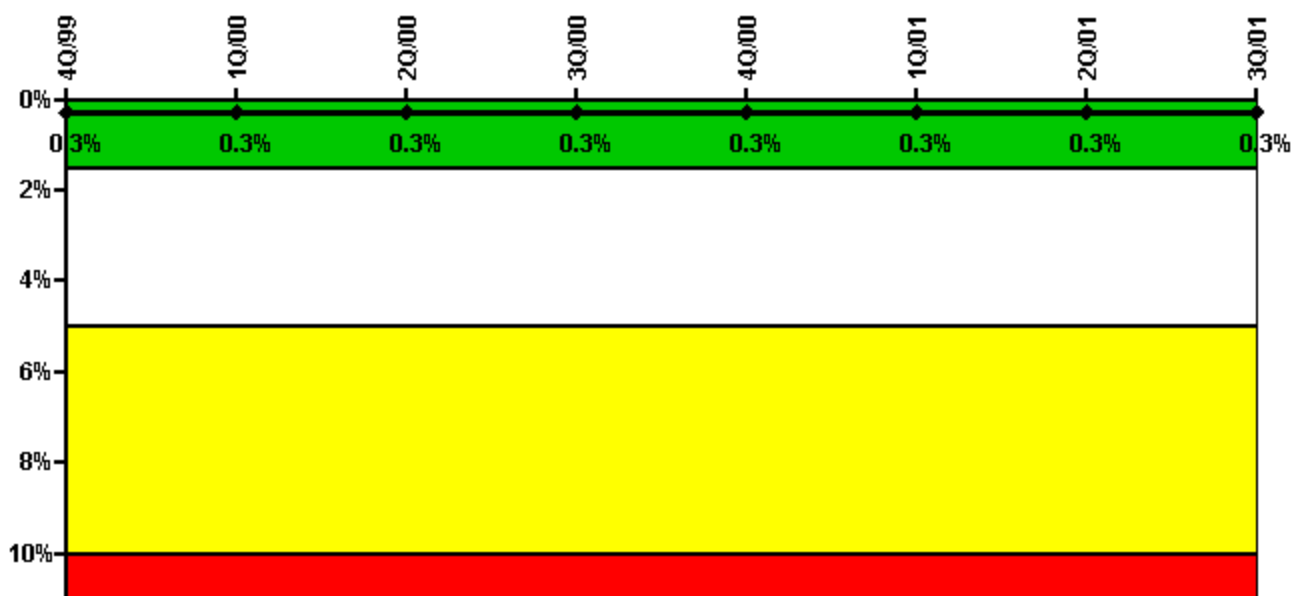
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

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	0.33	17.83	0	1.00	0	0.40	3.20	1.30
Unplanned unavailable hours	0	0	10.40	1.30	0	0	0	0
Fault exposure hours	0	0	0	82.00	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2073.60	1740.00	2046.50	2183.00	2208.00
Train 2								
Planned unavailable hours	0.67	41.77	0	0.60	0	7.50	0	1.60
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2073.60	1740.00	2046.50	2183.00	2208.00
Indicator value	0.6%	0.6%	0.6%	0.6%	0.6%	0.5%	0.5%	0.5%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



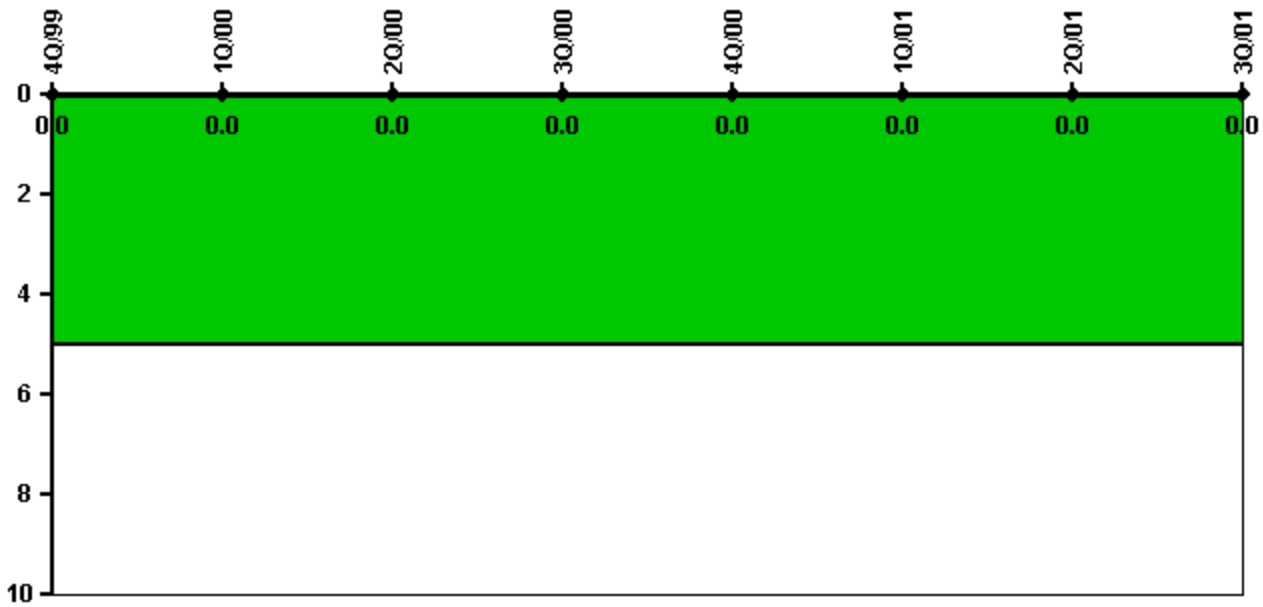
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1								
Planned unavailable hours	0.70	0.90	0.30	13.60	0.85	0.55	3.37	0.40
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	1954.60	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	2.00	1.00	0.30	59.55	0.33	0.72	3.27	1.10
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	2184.00	2183.00	2208.00	1954.60	2160.00	2183.00	2208.00
Indicator value	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%

Licensee Comments: 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	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

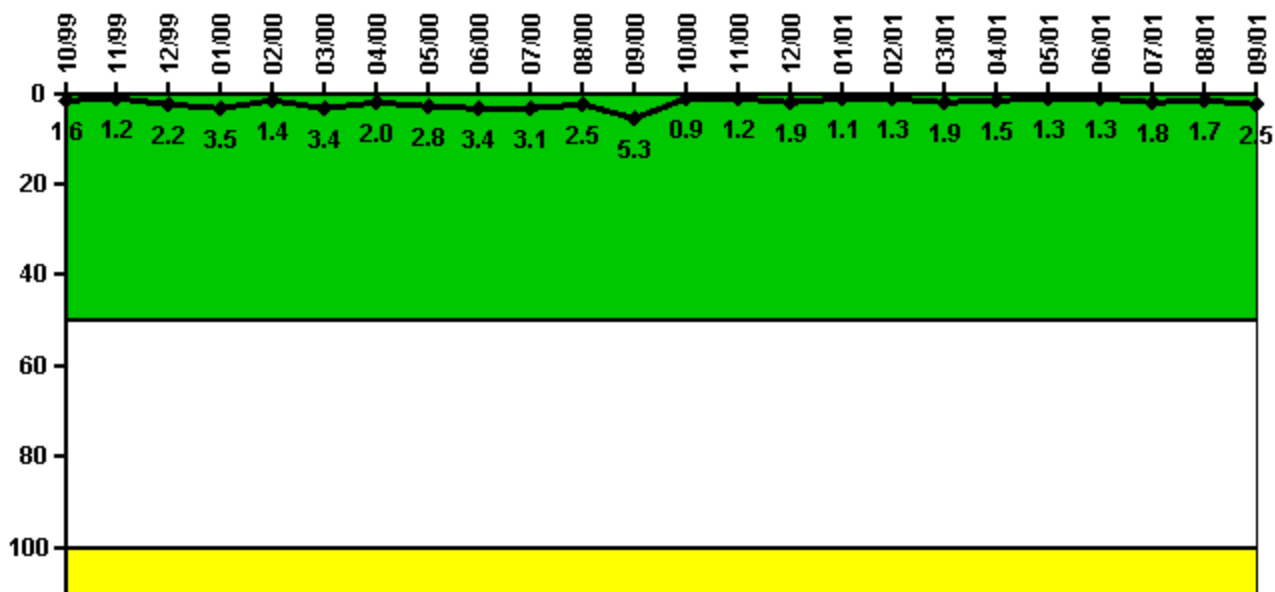
Notes

Reactor Coolant System Activity	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum activity	0.007730	0.000908	0.000964	0.001010	0.001030	0.001200	0.001180	0.001230	0.001200	0.001290	0.001320	0.001370
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01
Maximum activity	0.000381	0.000554	0.000616	0.000545	0.000572	0.000607	0.000736	0.000730	0.000764	0.000811	0.000791	0.000843
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

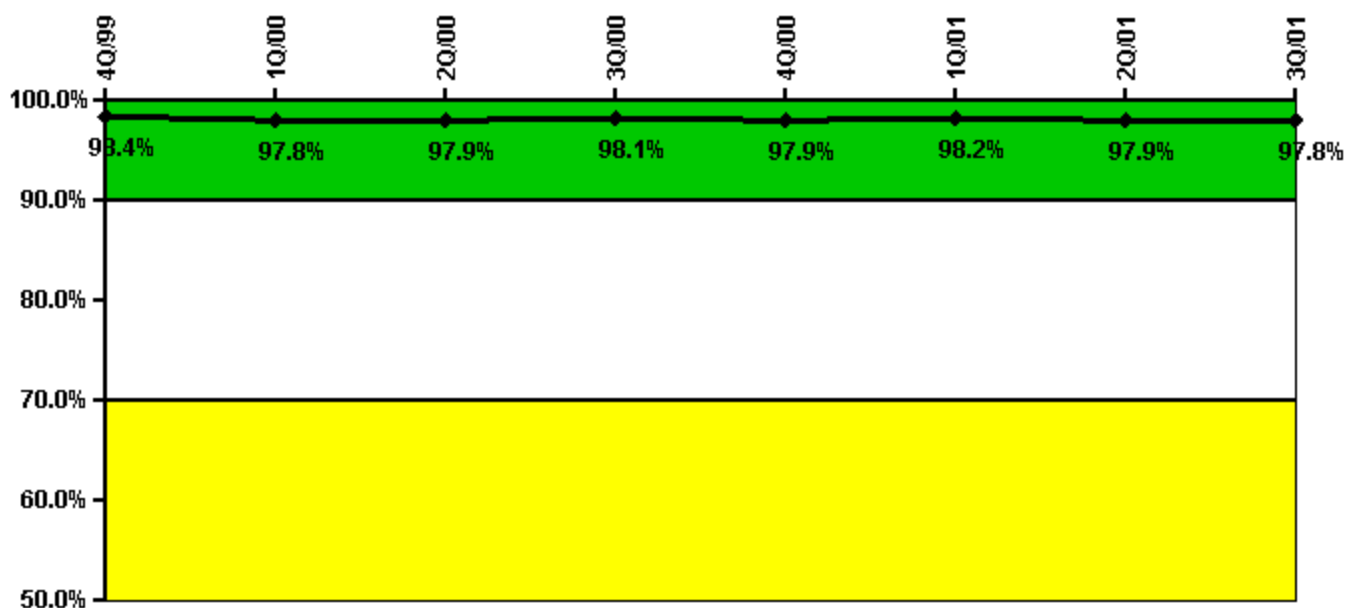
Notes

Reactor Coolant System Leakage	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum leakage	0.160	0.120	0.220	0.350	0.140	0.340	0.200	0.280	0.340	0.310	0.250	0.530
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.6	1.2	2.2	3.5	1.4	3.4	2.0	2.8	3.4	3.1	2.5	5.3

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	0.090	0.120	0.190	0.110	0.130	0.190	0.150	0.130	0.130	0.180	0.170	0.250
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.9	1.2	1.9	1.1	1.3	1.9	1.5	1.3	1.3	1.8	1.7	2.5

Licensee Comments: none

Drill/Exercise Performance



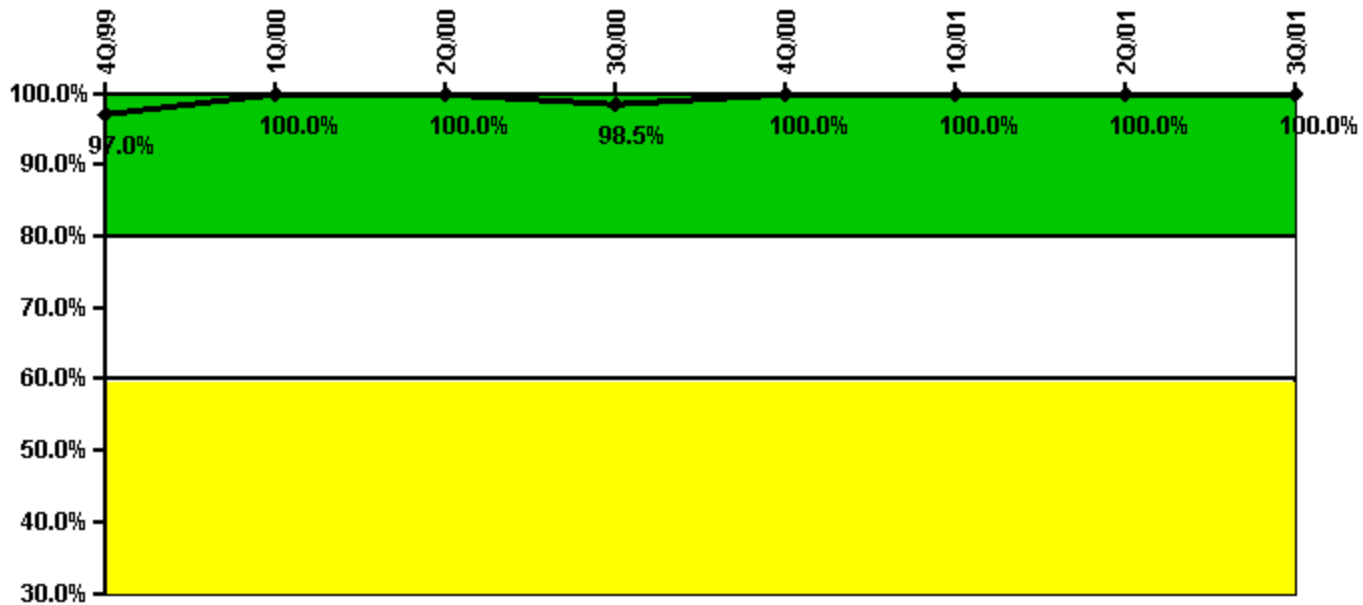
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Successful opportunities	104.0	58.0	58.0	51.0	10.0	71.0	56.0	41.0
Total opportunities	106.0	63.0	58.0	51.0	10.0	72.0	57.0	42.0
Indicator value	98.4%	97.8%	97.9%	98.1%	97.9%	98.2%	97.9%	97.8%

Licensee Comments: none

ERO Drill Participation



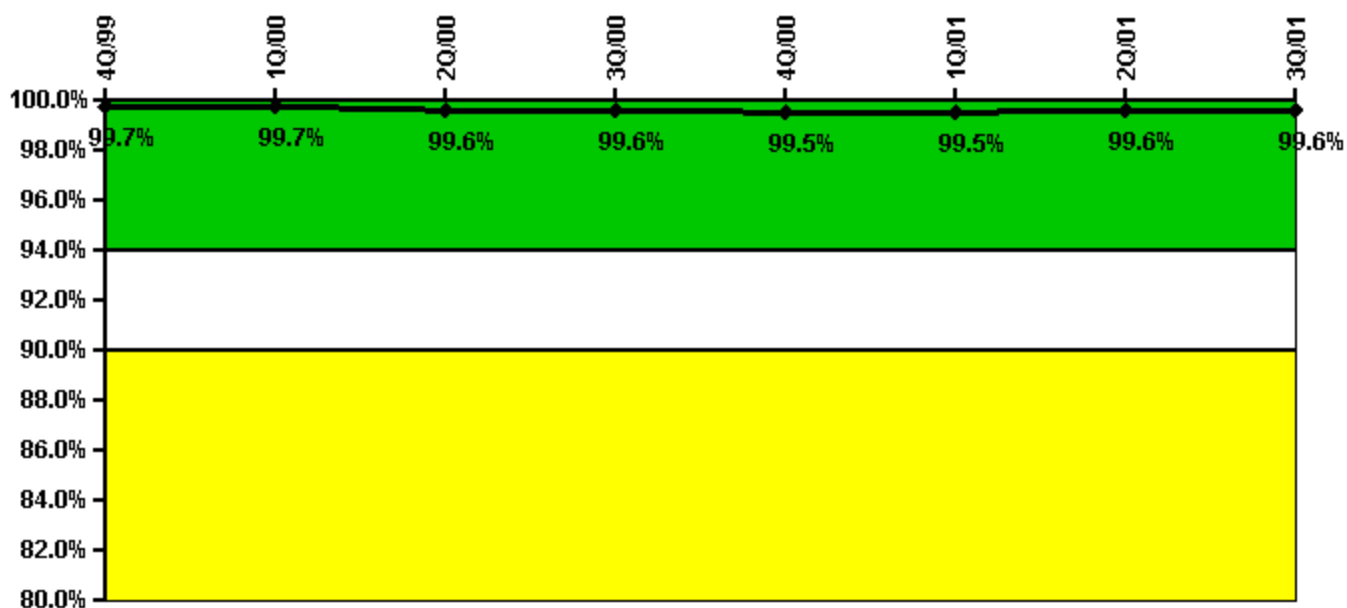
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Participating Key personnel	64.0	70.0	70.0	66.0	66.0	67.0	69.0	67.0
Total Key personnel	66.0	70.0	70.0	67.0	66.0	67.0	69.0	67.0
Indicator value	97.0%	100.0%	100.0%	98.5%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Successful siren-tests	328	328	327	328	327	327	329	281
Total sirens-tests	329	329	329	329	329	329	329	282
Indicator value	99.7%	99.7%	99.6%	99.6%	99.5%	99.5%	99.6%	99.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness



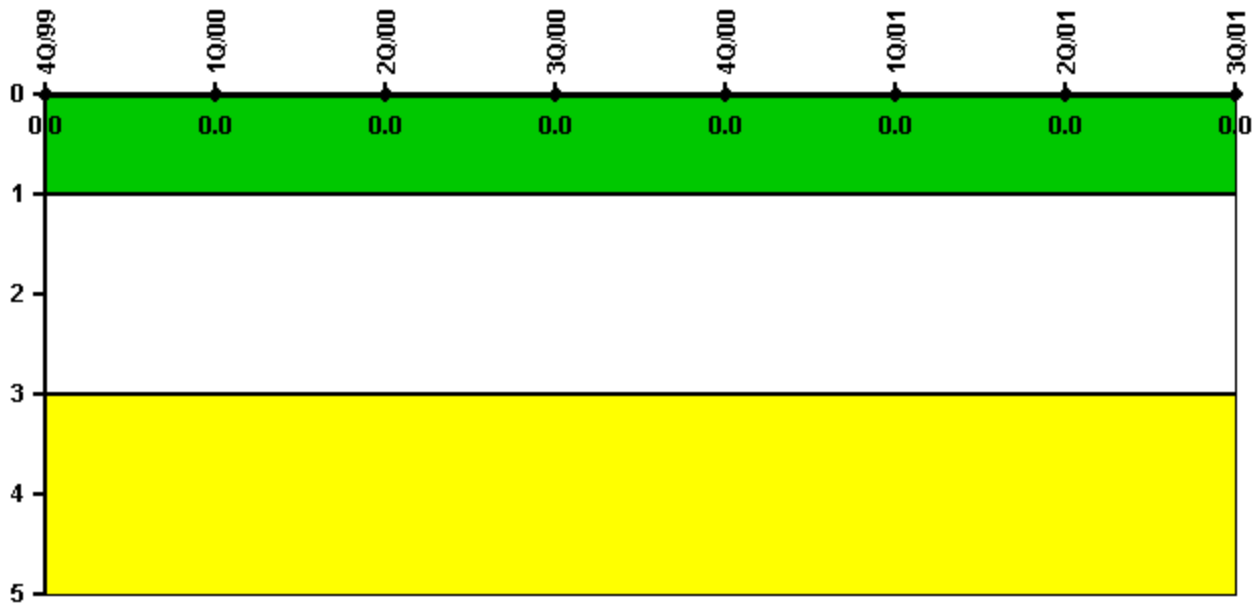
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

RETS/ODCM Radiological Effluent



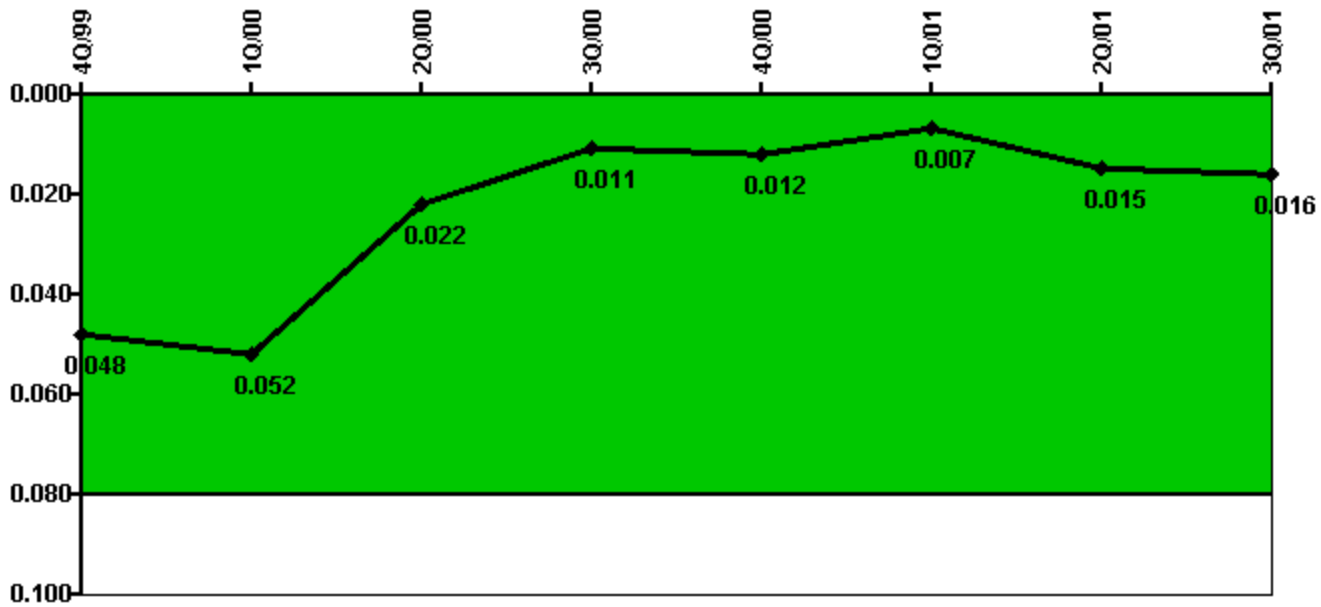
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	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



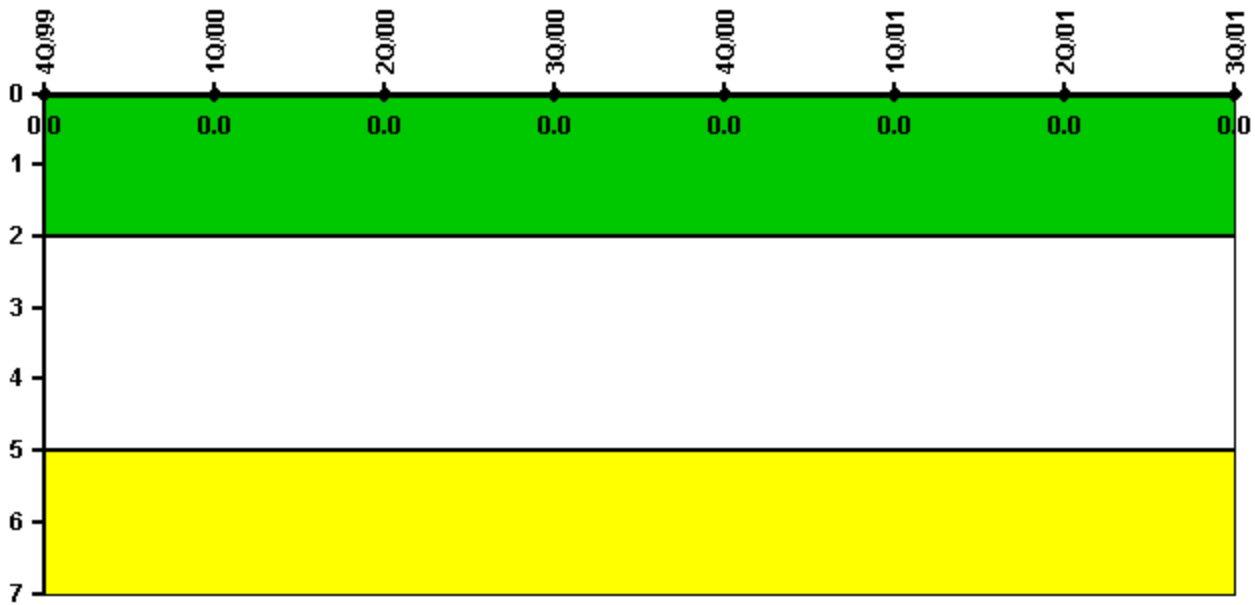
Thresholds: White > 0.080

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	90.40	169.50	34.20	82.50	79.90	13.40	311.80	108.60
CCTV compensatory hours	0	0	0	5.4	28.9	0	0	0
IDS normalization factor	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95
CCTV normalization factor	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
Index Value	0.048	0.052	0.022	0.011	0.012	0.007	0.015	0.016

Licensee Comments: none

Personnel Screening Program



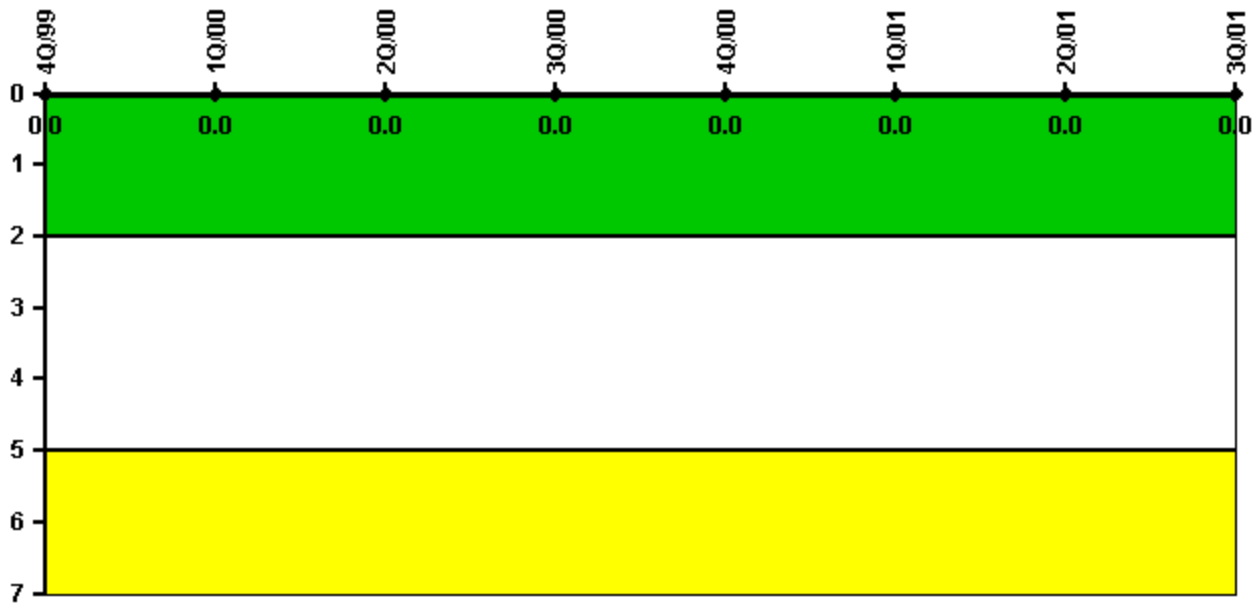
Thresholds: White > 2.0 Yellow > 5.0

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

Turkey Point 4

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	1.0	0	0	0	1.0	0	0	0
Critical hours	2131.6	2183.0	2064.1	1685.1	2031.5	2183.0	2208.0	2209.0
Indicator value	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.8

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



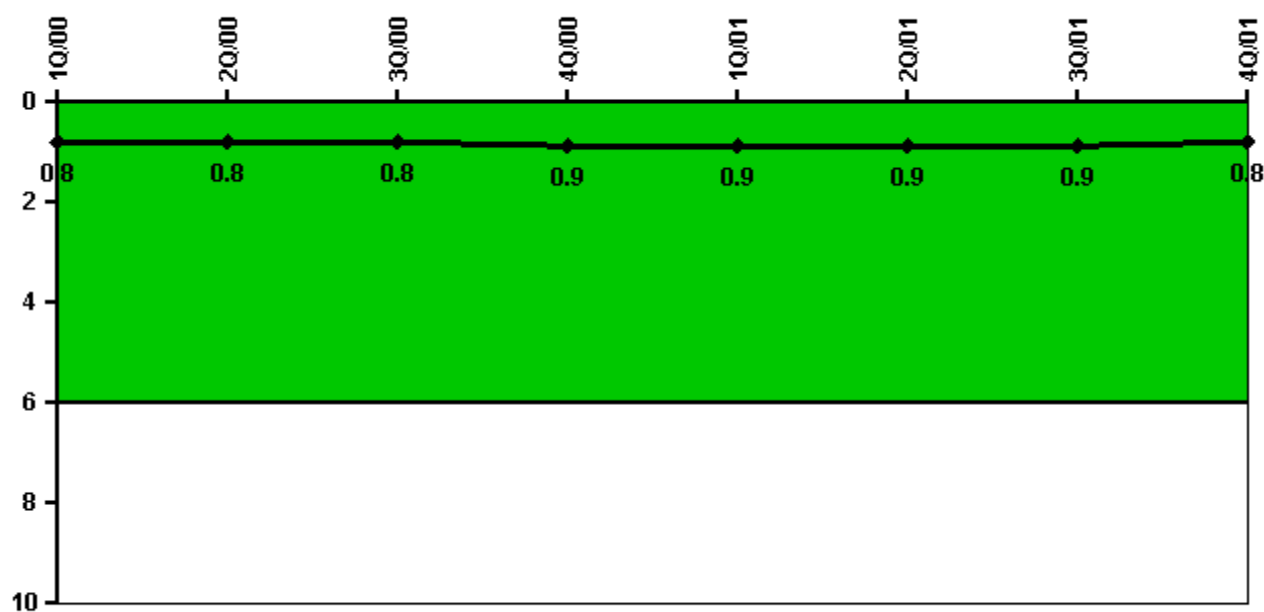
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



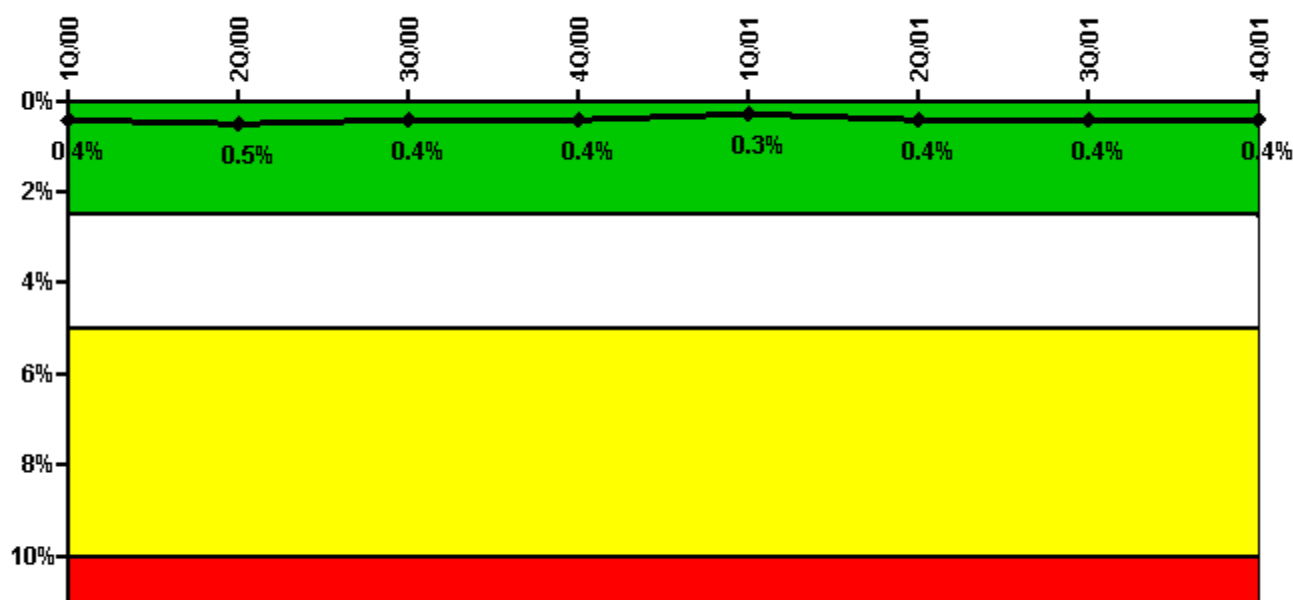
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Unplanned power changes	1.0	0	0	0	1.0	0	0	0
Critical hours	2131.6	2183.0	2064.1	1685.1	2031.5	2183.0	2208.0	2209.0
Indicator value	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.8

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



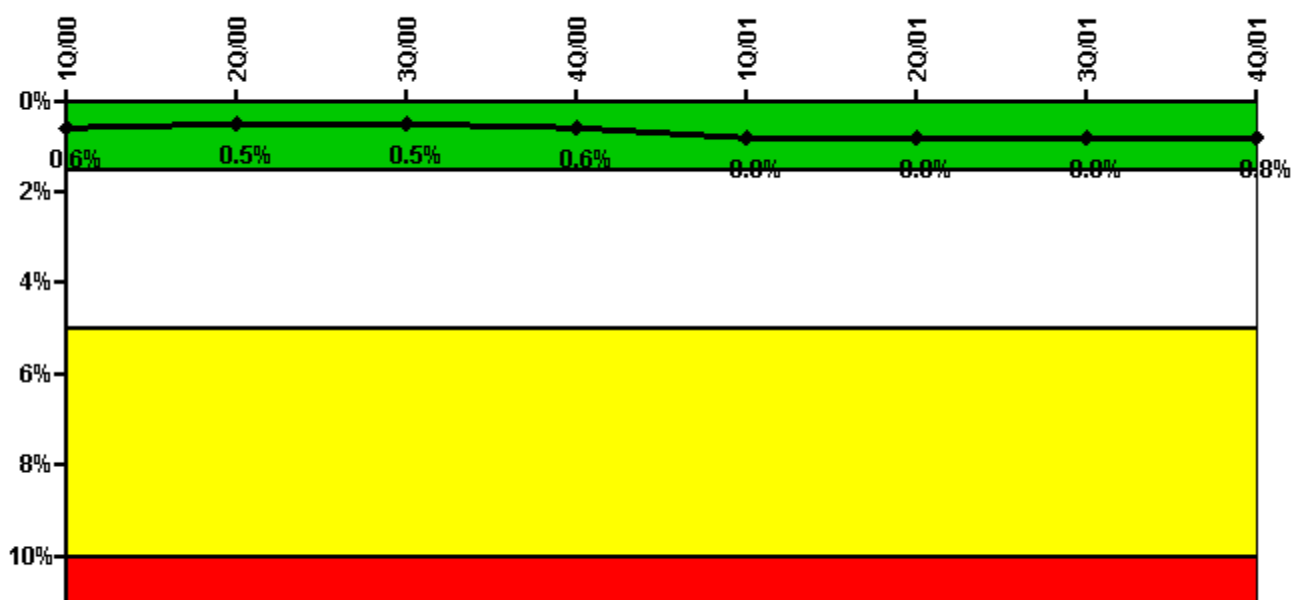
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	0	4.00	9.80	3.20	4.00	2.40	30.20	4.00
Unplanned unavailable hours	20.00	0	5.80	2.40	0	13.00	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	2184.00	2183.00	2151.50	1983.50	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	0	5.70	4.10	11.20	4.00	24.00	1.60	4.00
Unplanned unavailable hours	0	0	0	0	0	0	0.80	0.20
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2151.50	1983.50	2160.00	2183.00	2208.00	2209.00
Indicator value	0.4%	0.5%	0.4%	0.4%	0.3%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



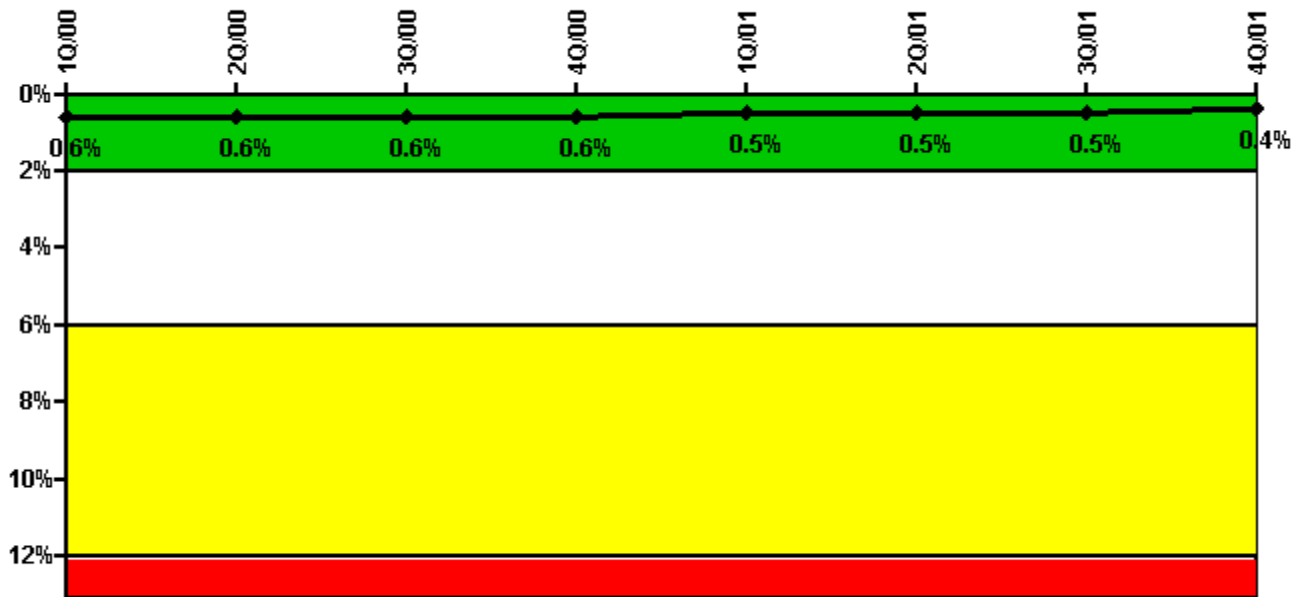
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	0	0	0	0.10	10.50	1.00	0	0
Unplanned unavailable hours	0	0	0	97.30	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	2184.00	2183.00	2095.00	1757.20	2046.50	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	0	0	2.33	0.10	0	17.13	0	0
Unplanned unavailable hours	0	0	0.50	0	33.80	0	0	0
Fault exposure hours	0	0	23.00	0	22.20	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2095.00	1757.20	2046.50	2183.00	2208.00	2209.00
Indicator value	0.6%	0.5%	0.5%	0.6%	0.8%	0.8%	0.8%	0.8%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



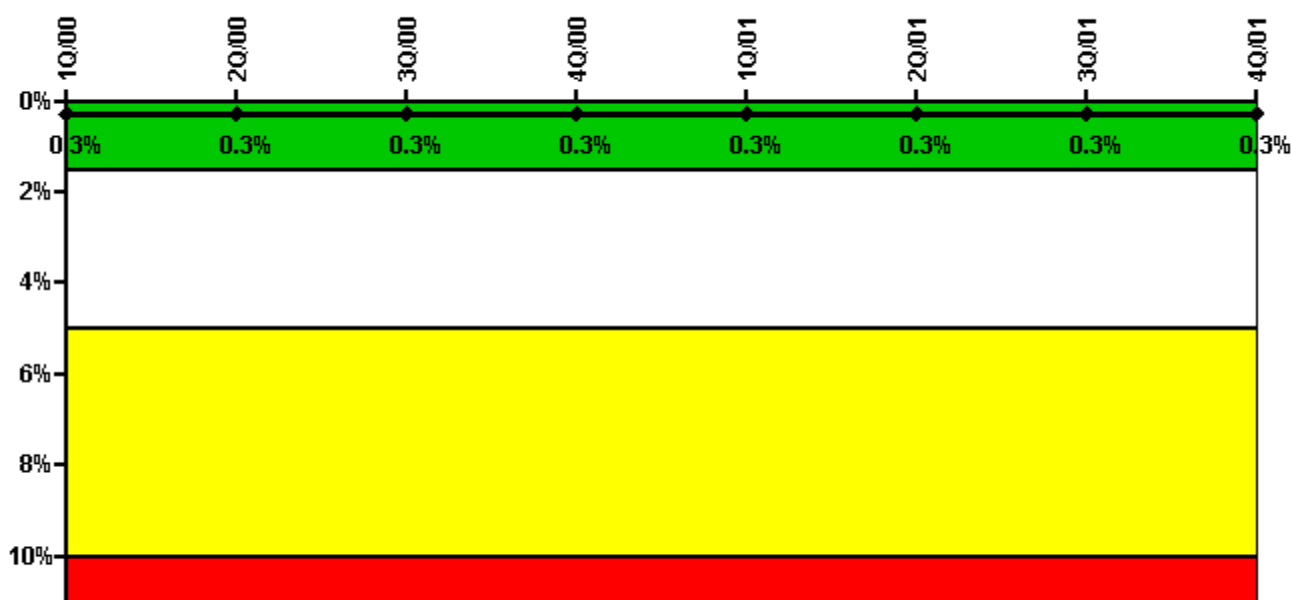
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

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	17.83	0	1.00	0	0.40	3.20	1.30	1.30
Unplanned unavailable hours	0	10.40	1.30	0	0	0	0	0.50
Fault exposure hours	0	0	82.00	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2073.60	1740.00	2046.50	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	41.77	0	0.60	0	7.50	0	1.60	1.00
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2073.60	1740.00	2046.50	2183.00	2208.00	2209.00
Indicator value	0.6%	0.6%	0.6%	0.6%	0.5%	0.5%	0.5%	0.4%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



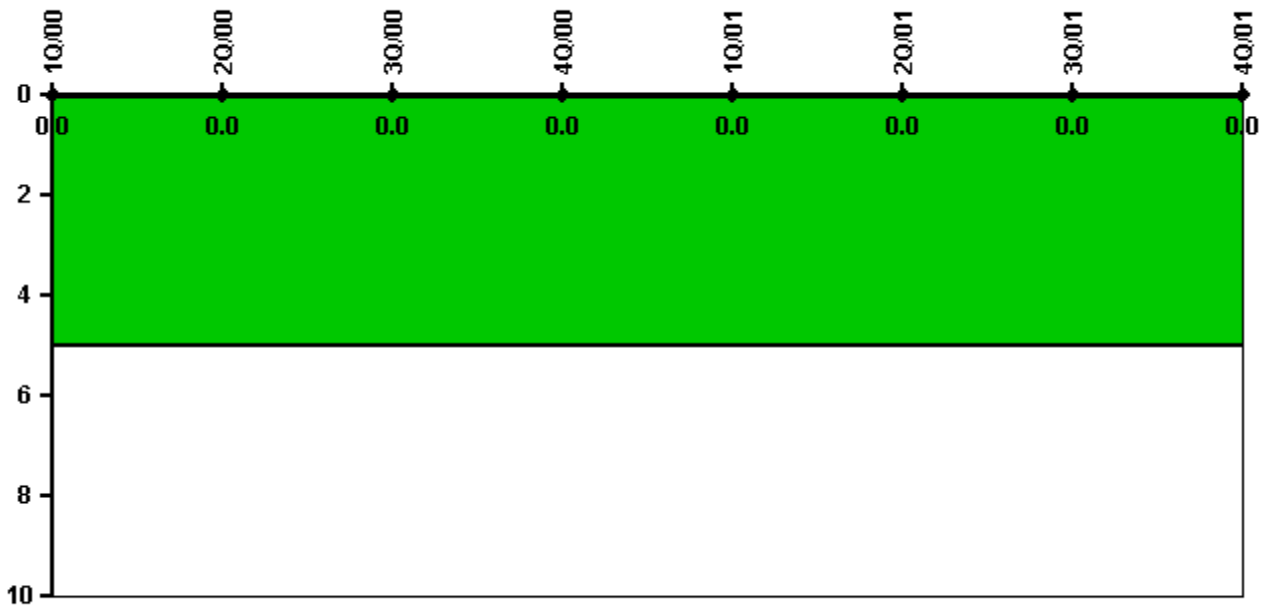
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	0.90	0.30	13.60	0.85	0.55	3.37	0.40	3.90
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	1954.60	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	1.00	0.30	59.55	0.33	0.72	3.27	1.10	1.10
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	2184.00	2183.00	2208.00	1954.60	2160.00	2183.00	2208.00	2209.00
Indicator value	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%

Licensee Comments: none

Safety System Functional Failures (PWR)



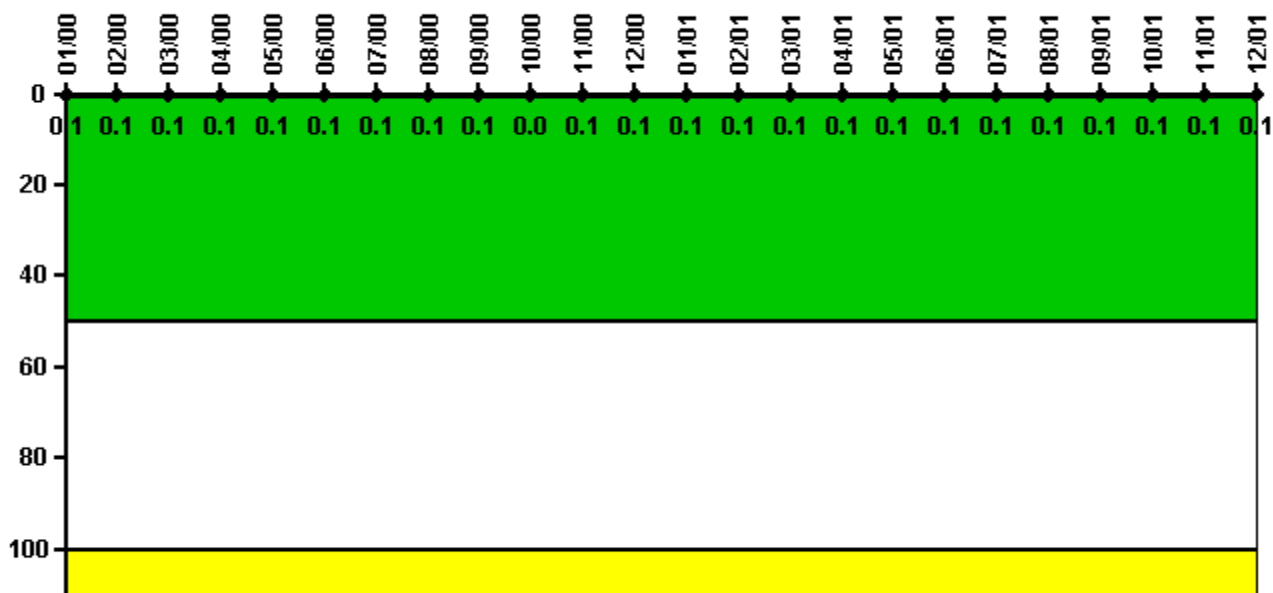
Thresholds: White > 5.0

Notes

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

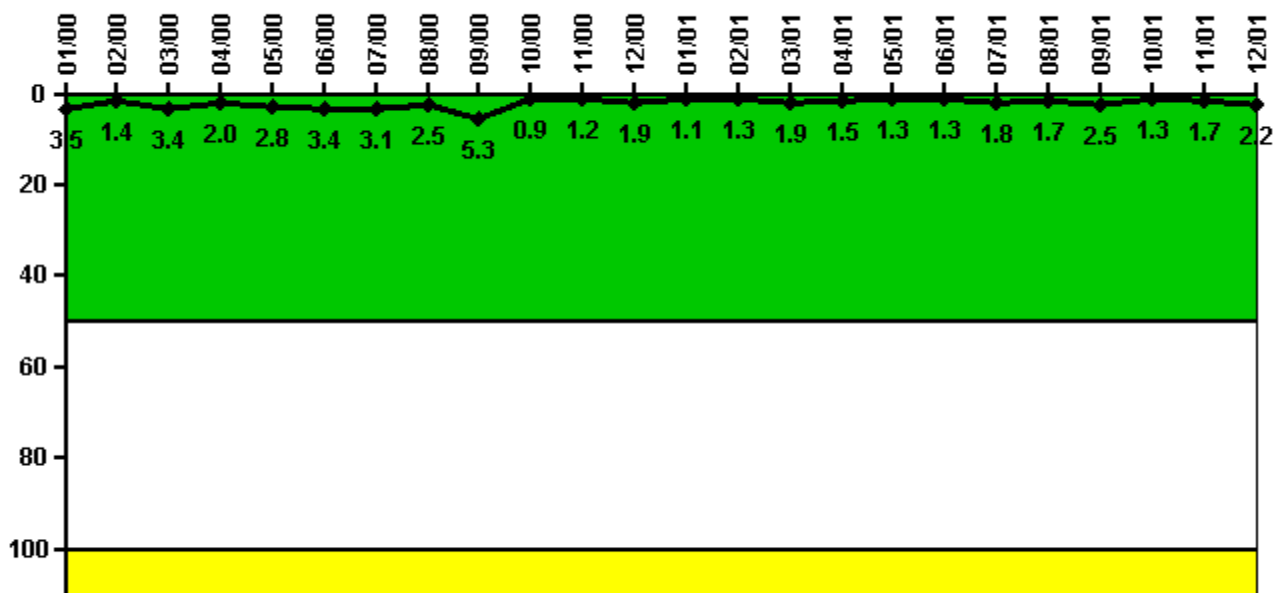
Notes

Reactor Coolant System Activity	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00
Maximum activity	0.001010	0.001030	0.001200	0.001180	0.001230	0.001200	0.001290	0.001320	0.001370	0.000381	0.000554	0.000616
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0	0.1	0.1

Reactor Coolant System Activity	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01
Maximum activity	0.000545	0.000572	0.000607	0.000736	0.000730	0.000764	0.000811	0.000791	0.000843	0.000900	0.000866	0.000993
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

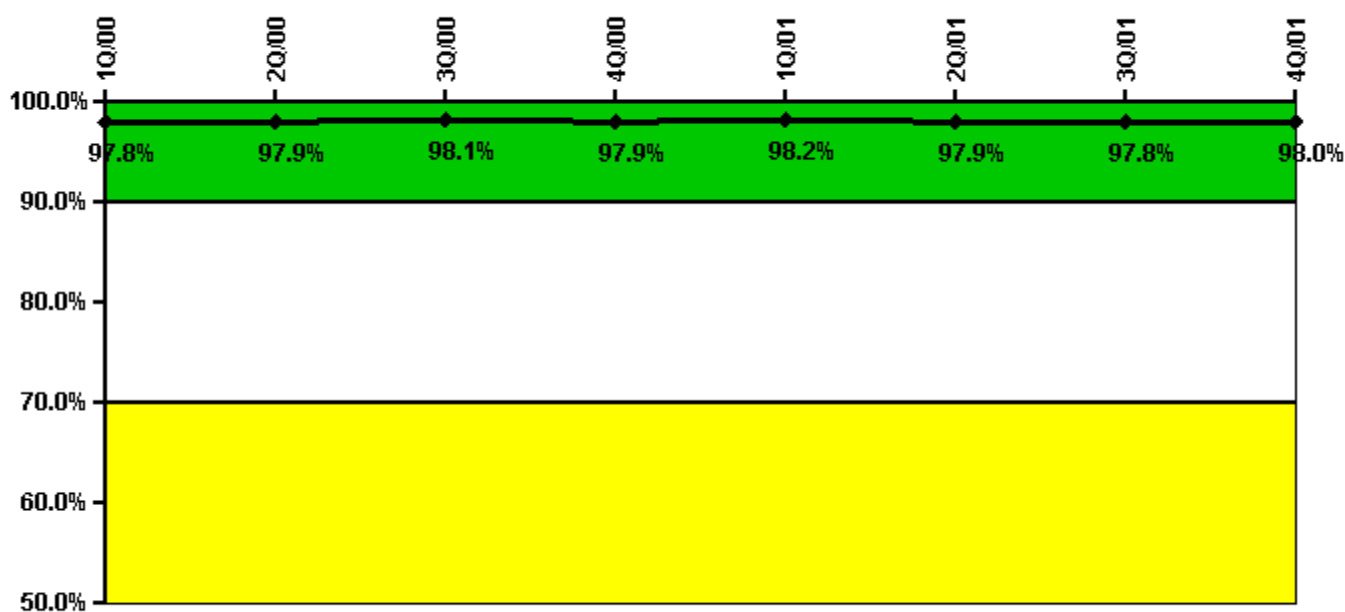
Notes

Reactor Coolant System Leakage	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	0.350	0.140	0.340	0.200	0.280	0.340	0.310	0.250	0.530	0.090	0.120	0.190
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	3.5	1.4	3.4	2.0	2.8	3.4	3.1	2.5	5.3	0.9	1.2	1.9

Reactor Coolant System Leakage	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01
Maximum leakage	0.110	0.130	0.190	0.150	0.130	0.130	0.180	0.170	0.250	0.130	0.170	0.220
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.1	1.3	1.9	1.5	1.3	1.3	1.8	1.7	2.5	1.3	1.7	2.2

Licensee Comments: none

Drill/Exercise Performance



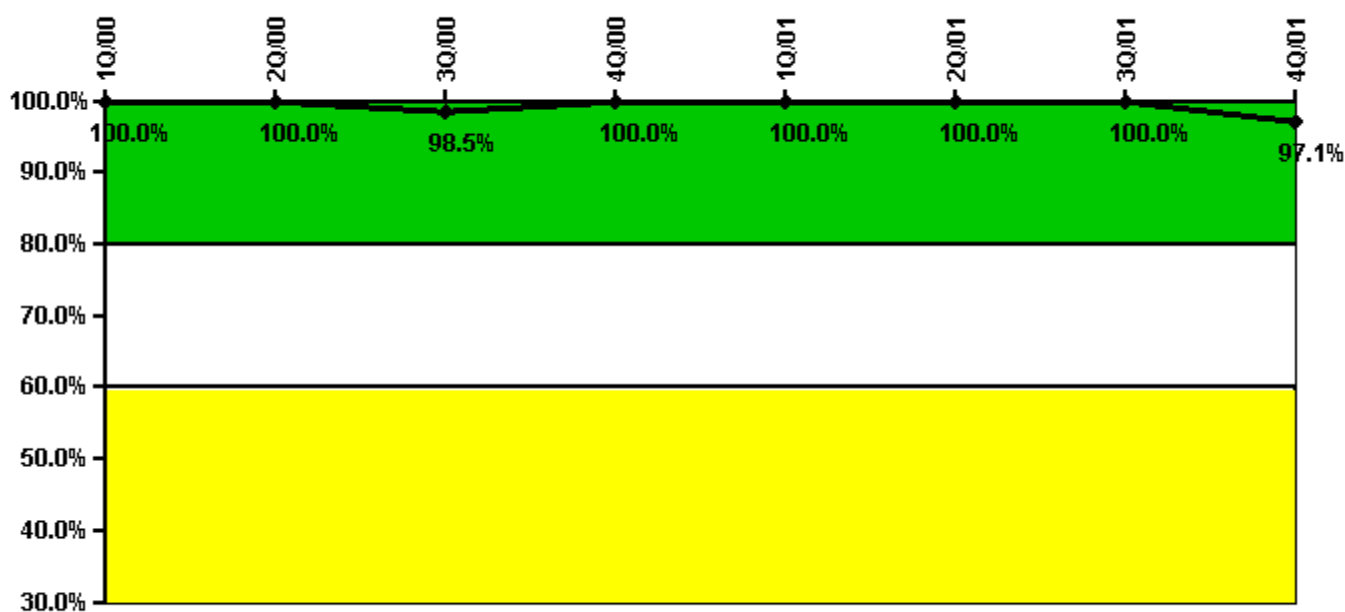
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Successful opportunities	58.0	58.0	51.0	10.0	71.0	56.0	41.0	40.0
Total opportunities	63.0	58.0	51.0	10.0	72.0	57.0	42.0	40.0
Indicator value	97.8%	97.9%	98.1%	97.9%	98.2%	97.9%	97.8%	98.0%

Licensee Comments: none

ERO Drill Participation



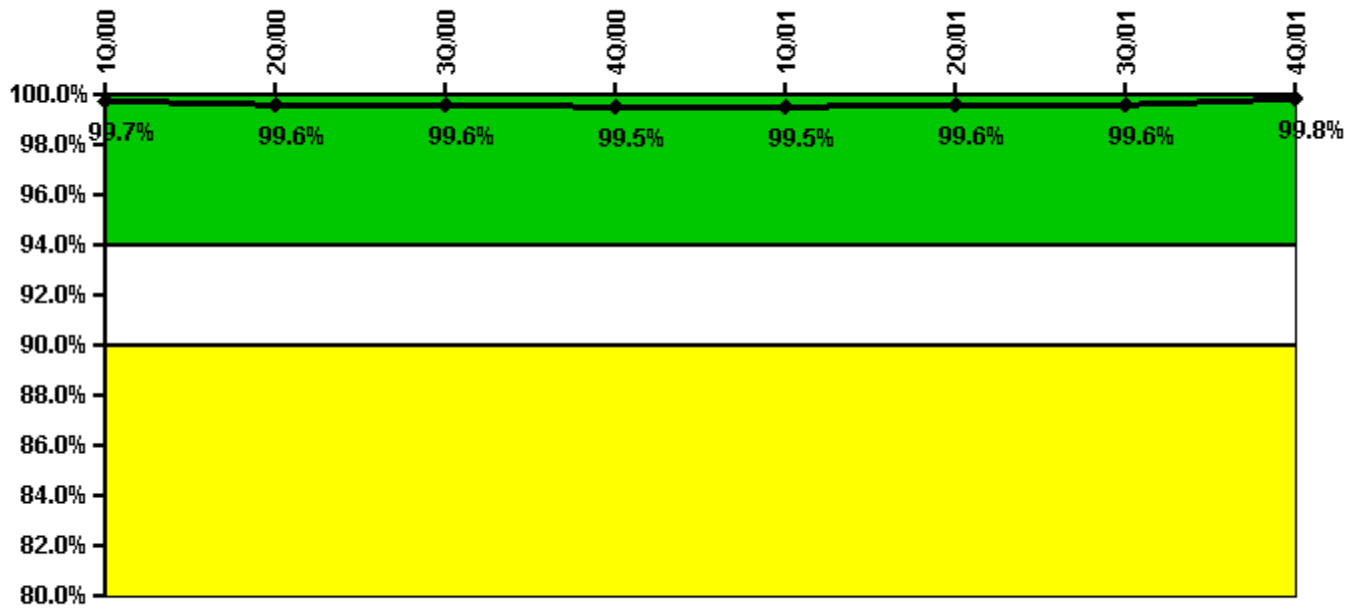
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Participating Key personnel	70.0	70.0	66.0	66.0	67.0	69.0	67.0	67.0
Total Key personnel	70.0	70.0	67.0	66.0	67.0	69.0	67.0	69.0
Indicator value	100.0%	100.0%	98.5%	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	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Successful siren-tests	328	327	328	327	327	329	281	376
Total sirens-tests	329	329	329	329	329	329	282	376
Indicator value	99.7%	99.6%	99.6%	99.5%	99.5%	99.6%	99.6%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness

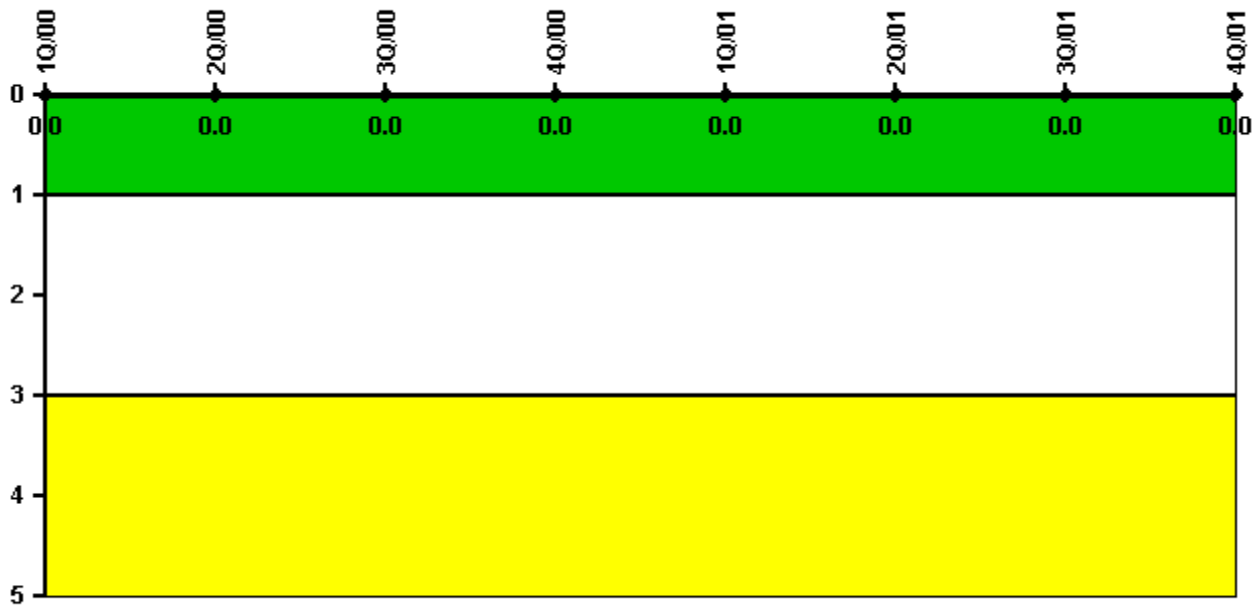


Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

RETS/ODCM Radiological Effluent

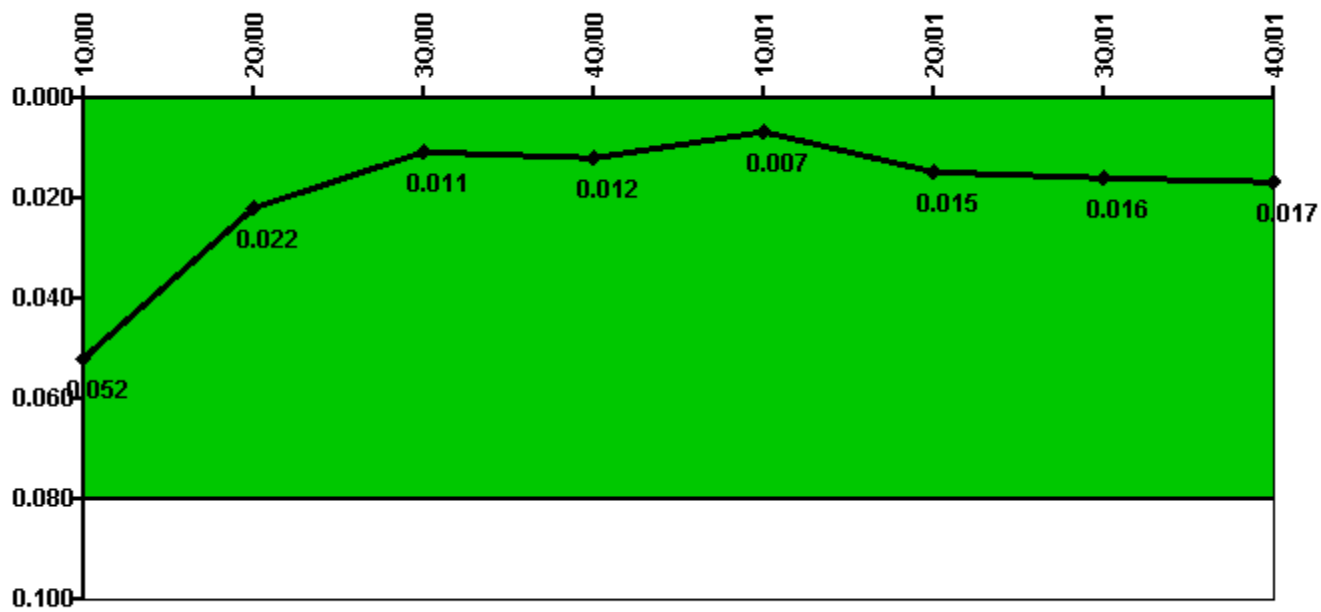
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	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



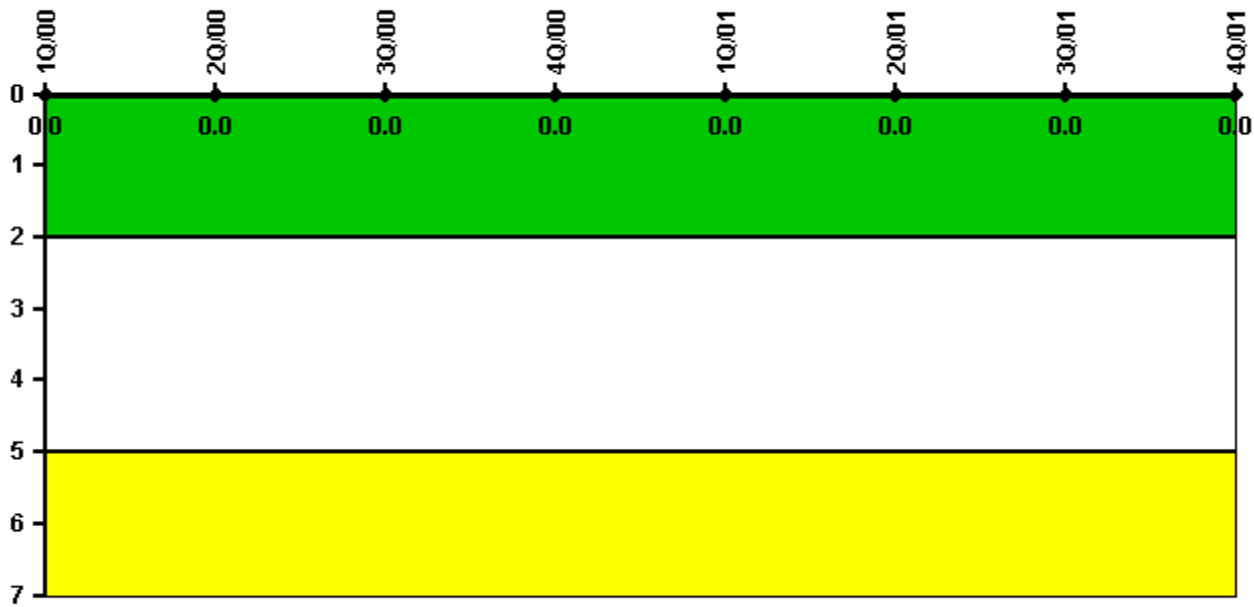
Thresholds: White > 0.080

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	169.50	34.20	82.50	79.90	13.40	311.80	108.60	148.00
CCTV compensatory hours	0	0	5.4	28.9	0	0	0	0
IDS normalization factor	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95
CCTV normalization factor	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
Index Value	0.052	0.022	0.011	0.012	0.007	0.015	0.016	0.017

Licensee Comments: none

Personnel Screening Program



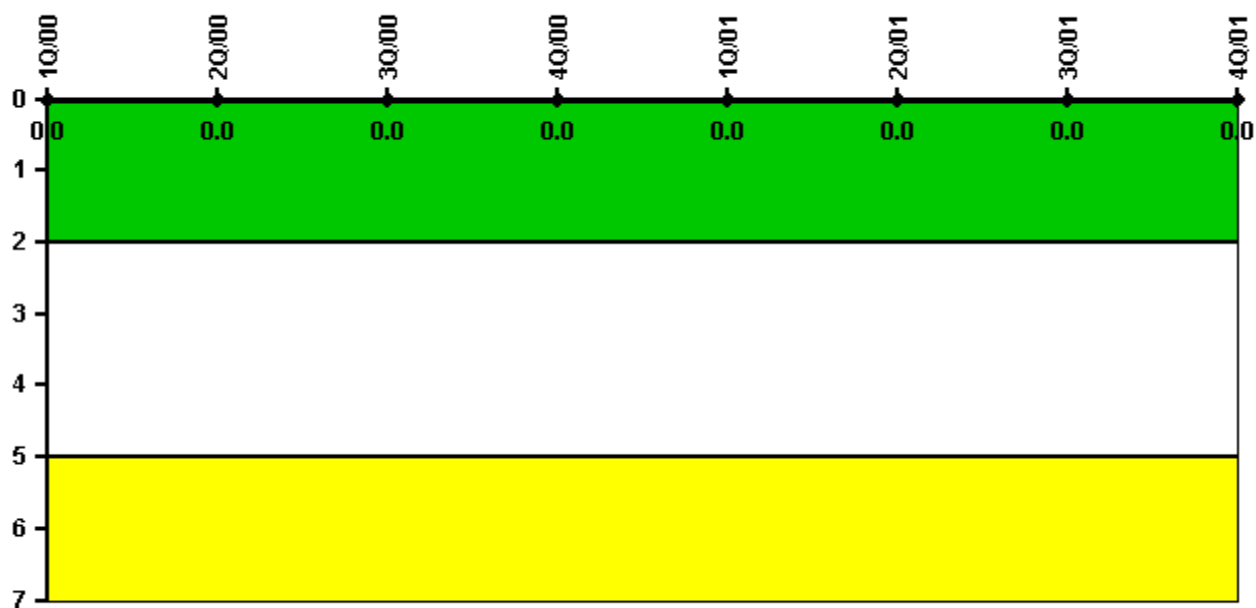
Thresholds: White > 2.0 Yellow > 5.0

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](#)

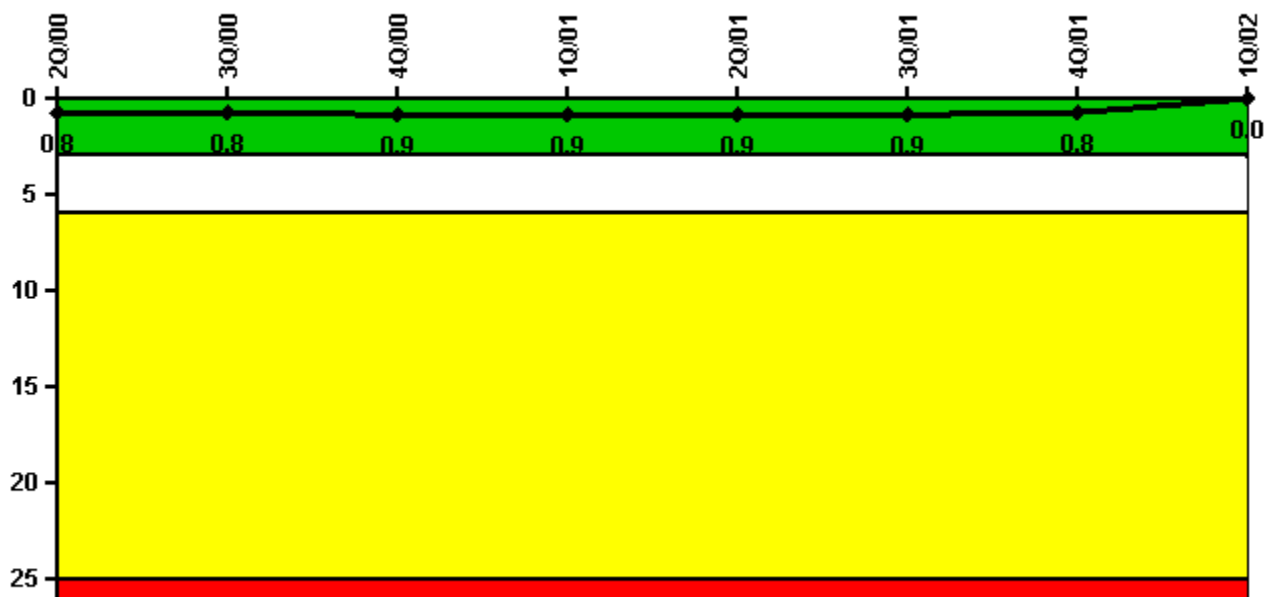
Last Modified: March 15, 2002

Turkey Point 4

1Q/2002 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Unplanned scrams	0	0	0	1.0	0	0	0	0
Critical hours	2183.0	2064.1	1685.1	2031.5	2183.0	2208.0	2209.0	1944.0
Indicator value	0.8	0.8	0.9	0.9	0.9	0.9	0.8	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



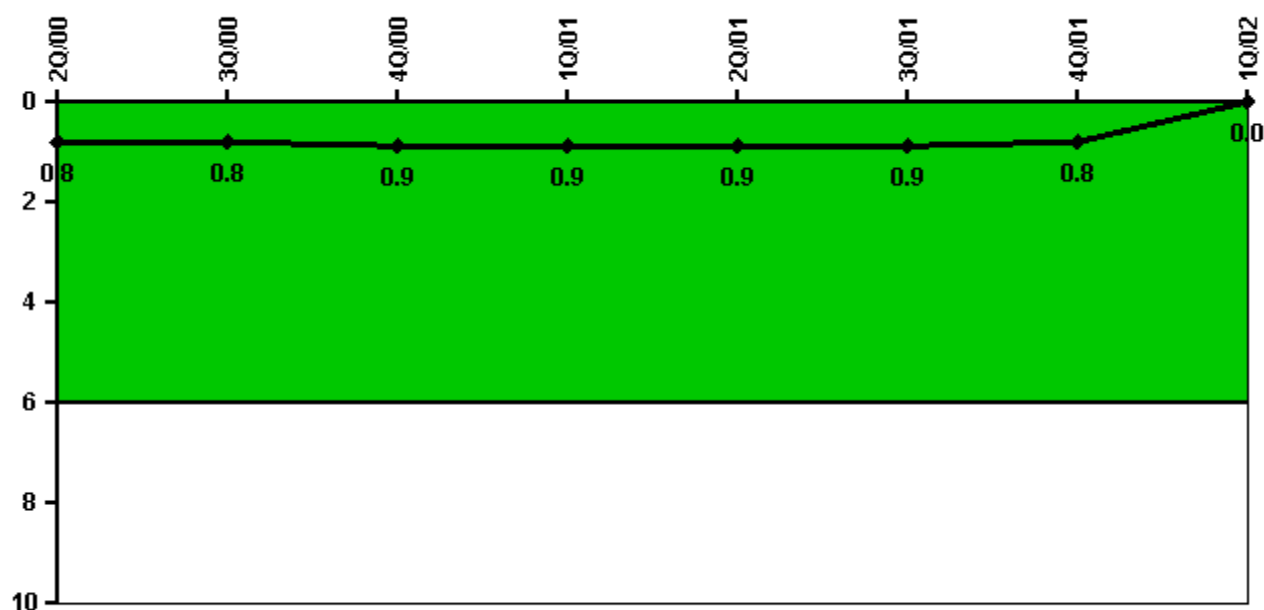
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



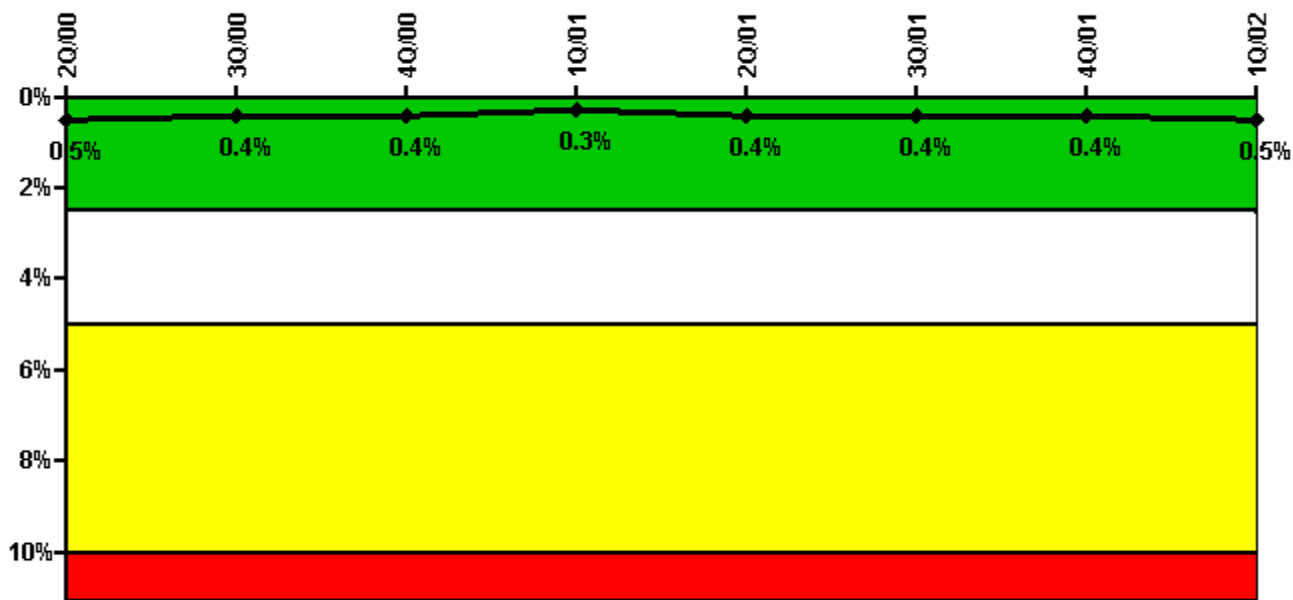
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Unplanned power changes	0	0	0	1.0	0	0	0	0
Critical hours	2183.0	2064.1	1685.1	2031.5	2183.0	2208.0	2209.0	1944.0
Indicator value	0.8	0.8	0.9	0.9	0.9	0.9	0.8	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



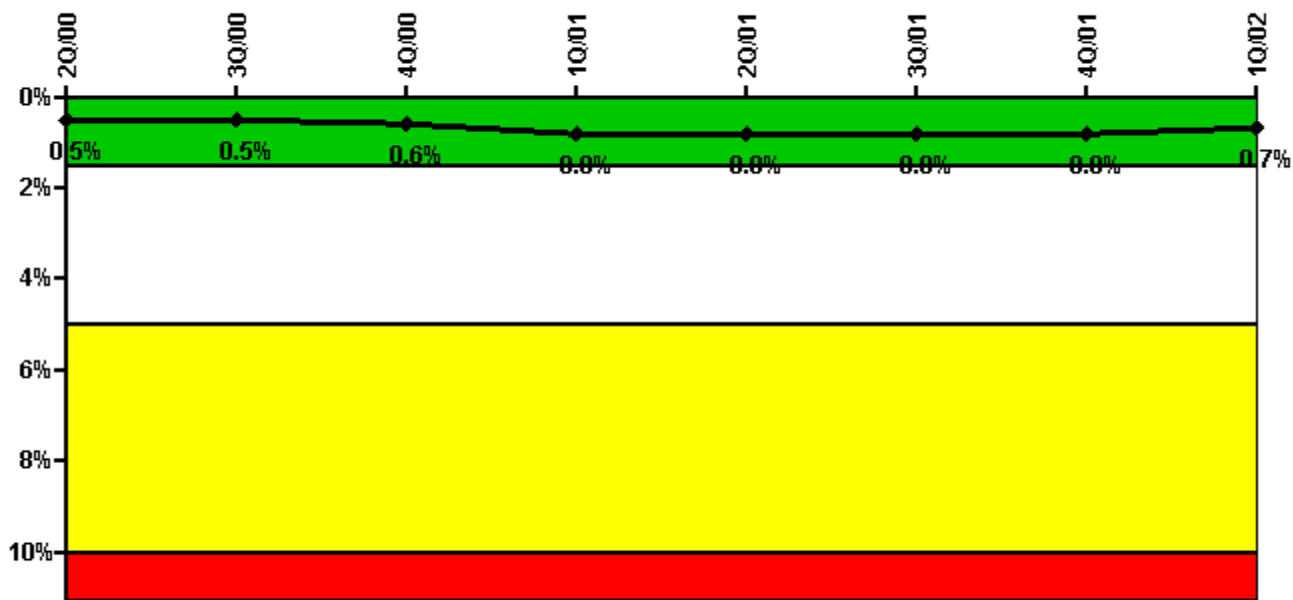
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	4.00	9.80	3.20	4.00	2.40	30.20	4.00	2.90
Unplanned unavailable hours	0	5.80	2.40	0	13.00	0	0	9.10
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2151.50	1983.50	2160.00	2183.00	2208.00	2209.00	2056.80
Train 2								
Planned unavailable hours	5.70	4.10	11.20	4.00	24.00	1.60	4.00	4.40
Unplanned unavailable hours	0	0	0	0	0	0.80	0.20	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2151.50	1983.50	2160.00	2183.00	2208.00	2209.00	2056.80
Indicator value	0.5%	0.4%	0.4%	0.3%	0.4%	0.4%	0.4%	0.5%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



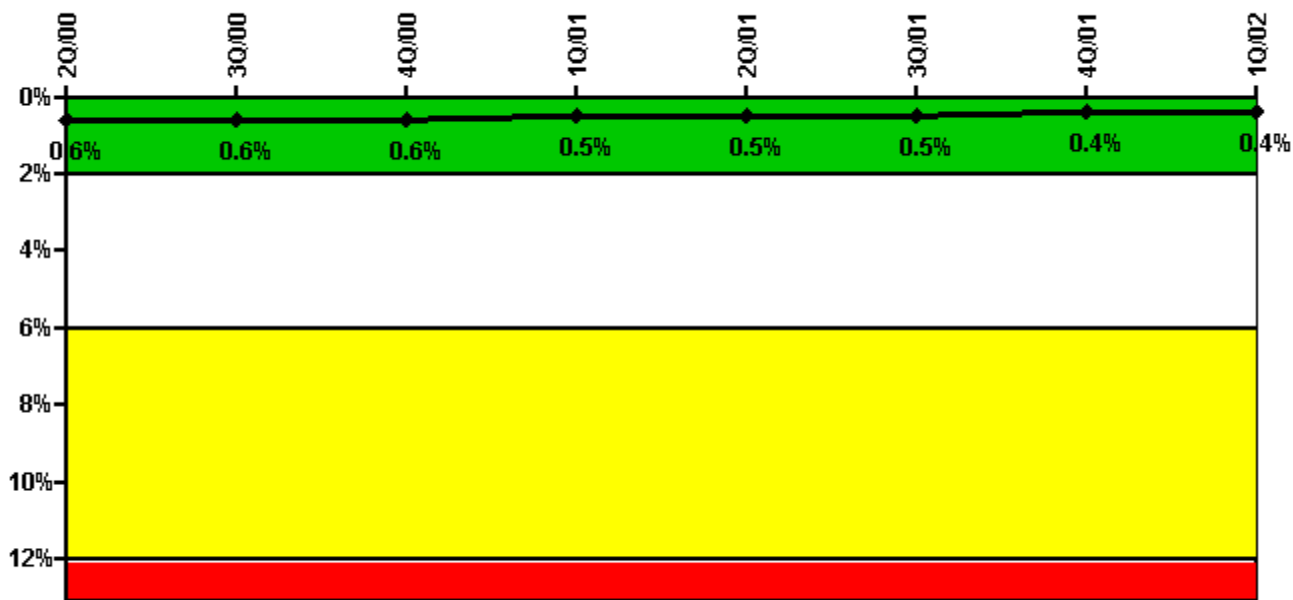
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	0	0	0.10	10.50	1.00	0	0	15.10
Unplanned unavailable hours	0	0	97.30	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	2183.00	2095.00	1757.20	2046.50	2183.00	2208.00	2209.00	1949.20
Train 2								
Planned unavailable hours	0	2.33	0.10	0	17.13	0	0	8.80
Unplanned unavailable hours	0	0.50	0	33.80	0	0	0	0
Fault exposure hours	0	23.00	0	22.20	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2095.00	1757.20	2046.50	2183.00	2208.00	2209.00	1949.20
Indicator value	0.5%	0.5%	0.6%	0.8%	0.8%	0.8%	0.8%	0.7%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



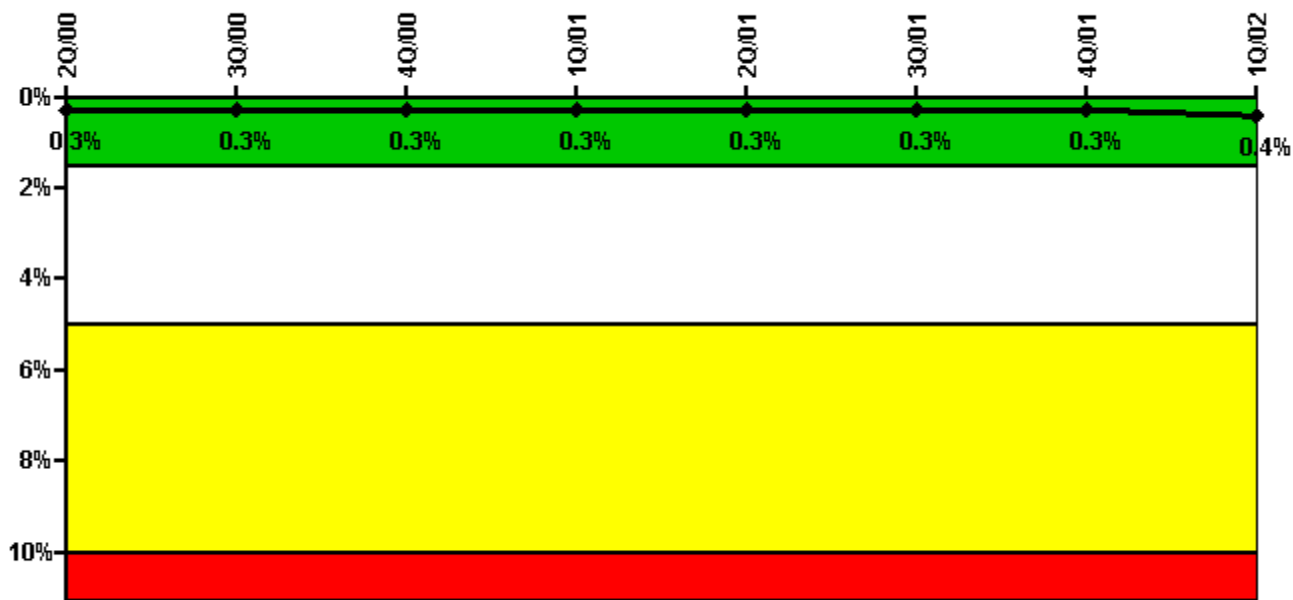
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	0	1.00	0	0.40	3.20	1.30	1.30	0
Unplanned unavailable hours	10.40	1.30	0	0	0	0	0.50	0
Fault exposure hours	0	82.00	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2073.60	1740.00	2046.50	2183.00	2208.00	2209.00	1949.20
Train 2								
Planned unavailable hours	0	0.60	0	7.50	0	1.60	1.00	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2073.60	1740.00	2046.50	2183.00	2208.00	2209.00	1949.20
Indicator value	0.6%	0.6%	0.6%	0.5%	0.5%	0.5%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



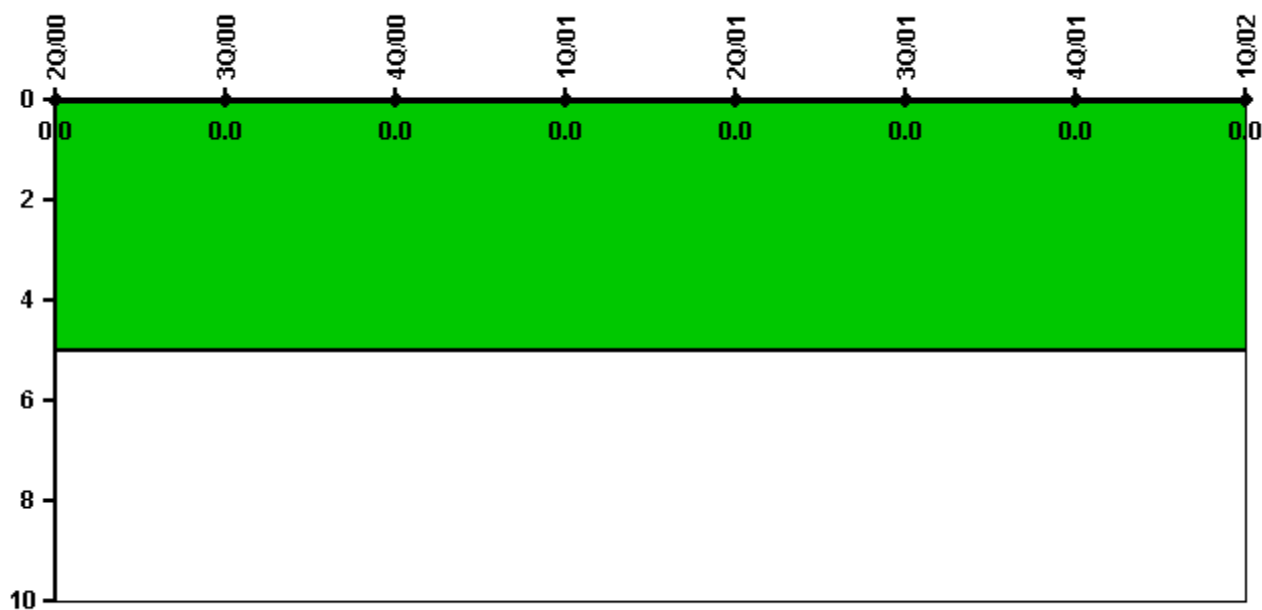
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	0.30	13.60	0.85	0.55	3.37	0.40	3.90	30.40
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	1954.60	2160.00	2183.00	2208.00	2209.00	1980.00
Train 2								
Planned unavailable hours	0.30	59.55	0.33	0.72	3.27	1.10	1.10	22.10
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	1954.60	2160.00	2183.00	2208.00	2209.00	1980.00
Indicator value	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.4%

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

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

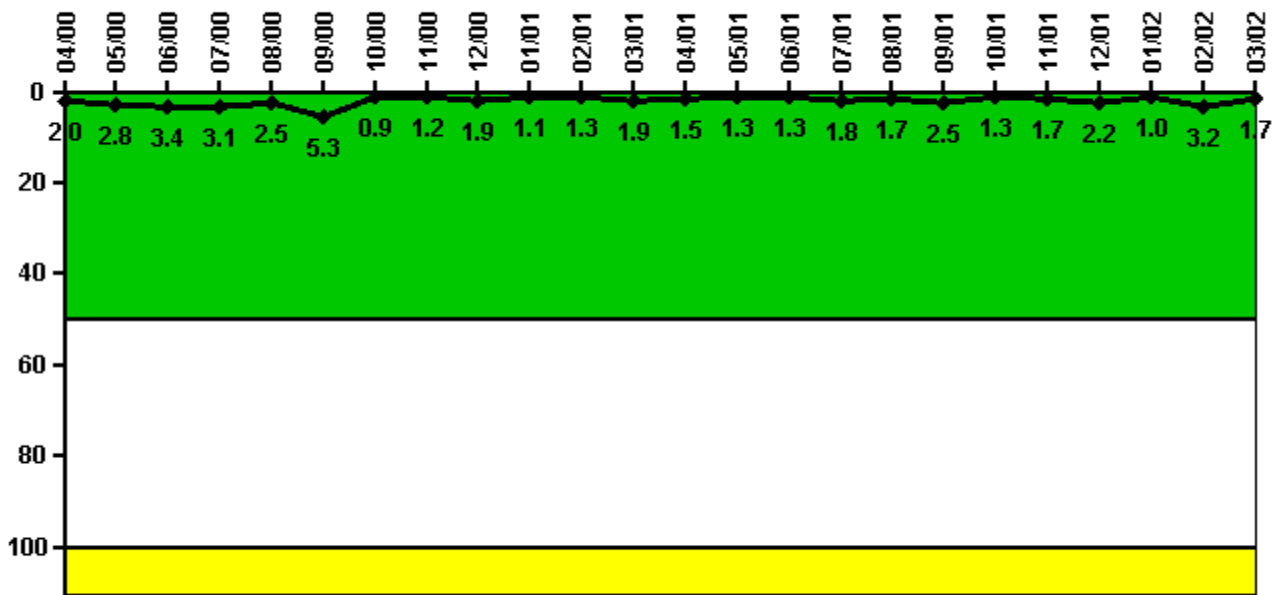
Notes

Reactor Coolant System Activity	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00	1/01	2/01	3/01
Maximum activity	0.001180	0.001230	0.001200	0.001290	0.001320	0.001370	0.000381	0.000554	0.000616	0.000545	0.000572	0.000607
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0	0.1	0.1	0.1	0.1	0.1

Reactor Coolant System Activity	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02
Maximum activity	0.000736	0.000730	0.000764	0.000811	0.000791	0.000843	0.000900	0.000866	0.000993	0.001040	0.001020	0.001090
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

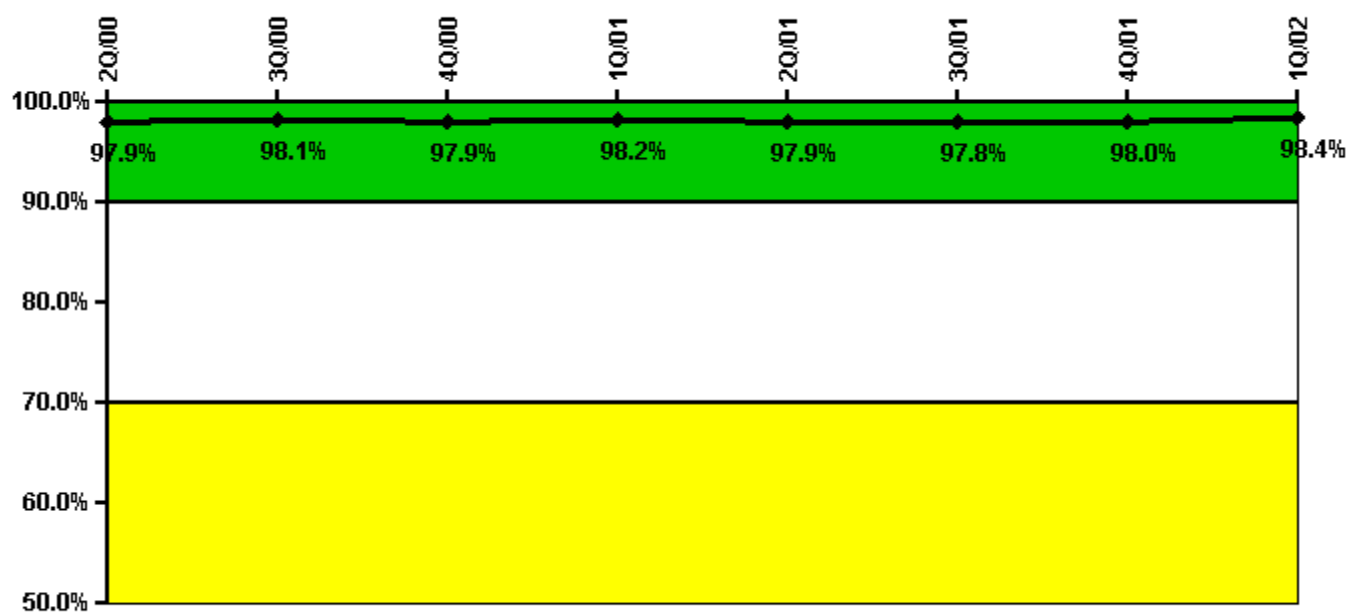
Notes

Reactor Coolant System Leakage	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00	1/01	2/01	3/01
Maximum leakage	0.200	0.280	0.340	0.310	0.250	0.530	0.090	0.120	0.190	0.110	0.130	0.190
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.0	2.8	3.4	3.1	2.5	5.3	0.9	1.2	1.9	1.1	1.3	1.9

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	0.150	0.130	0.130	0.180	0.170	0.250	0.130	0.170	0.220	0.100	0.320	0.170
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.5	1.3	1.3	1.8	1.7	2.5	1.3	1.7	2.2	1.0	3.2	1.7

Licensee Comments: none

Drill/Exercise Performance



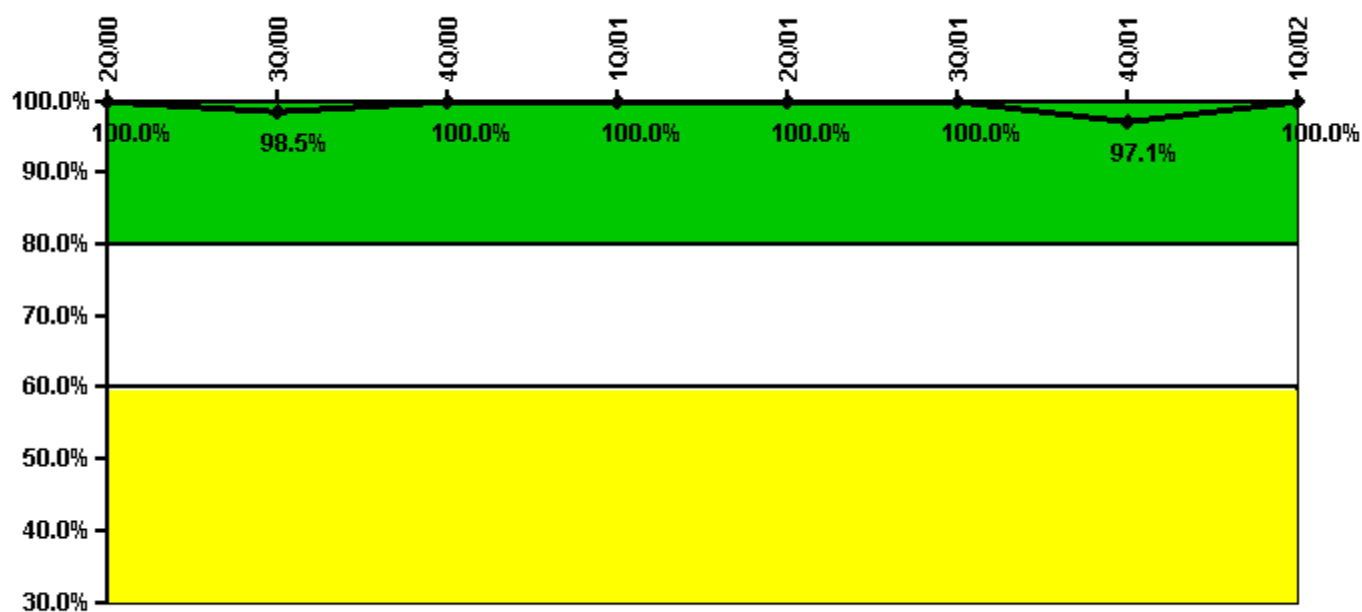
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Successful opportunities	58.0	51.0	10.0	71.0	56.0	41.0	40.0	46.0
Total opportunities	58.0	51.0	10.0	72.0	57.0	42.0	40.0	49.0
Indicator value	97.9%	98.1%	97.9%	98.2%	97.9%	97.8%	98.0%	98.4%

Licensee Comments: none

ERO Drill Participation



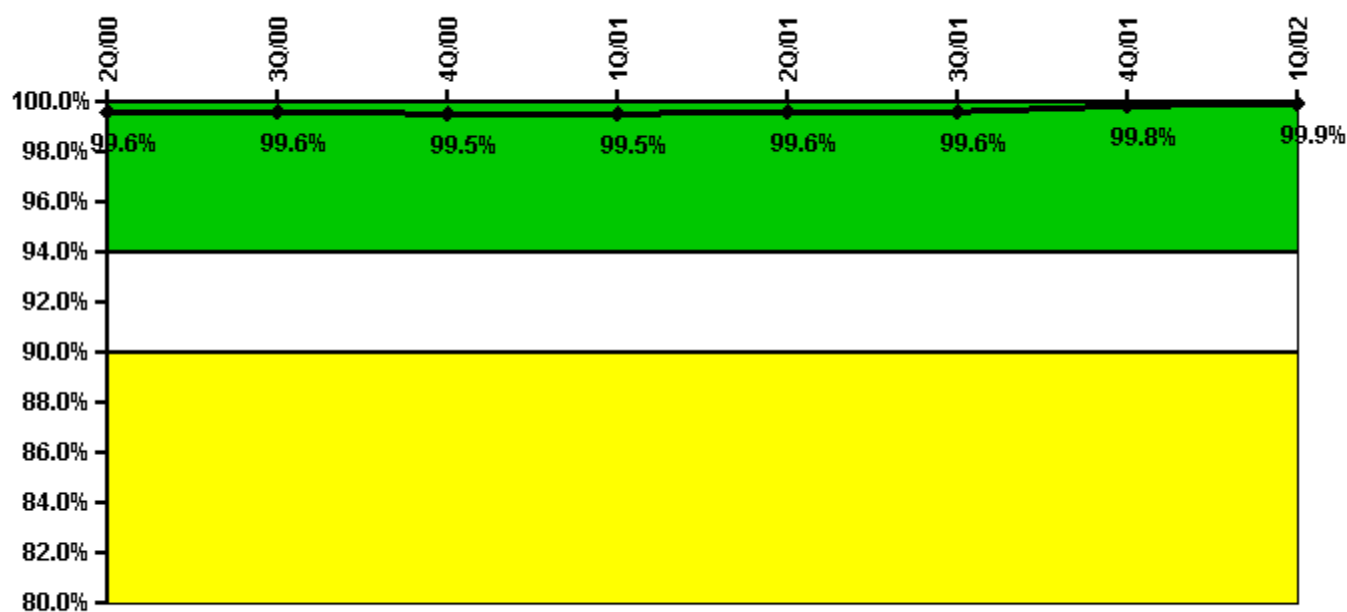
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Participating Key personnel	70.0	66.0	66.0	67.0	69.0	67.0	67.0	70.0
Total Key personnel	70.0	67.0	66.0	67.0	69.0	67.0	69.0	70.0
Indicator value	100.0%	98.5%	100.0%	100.0%	100.0%	100.0%	97.1%	100.0%

Licensee Comments: none

Alert & Notification System



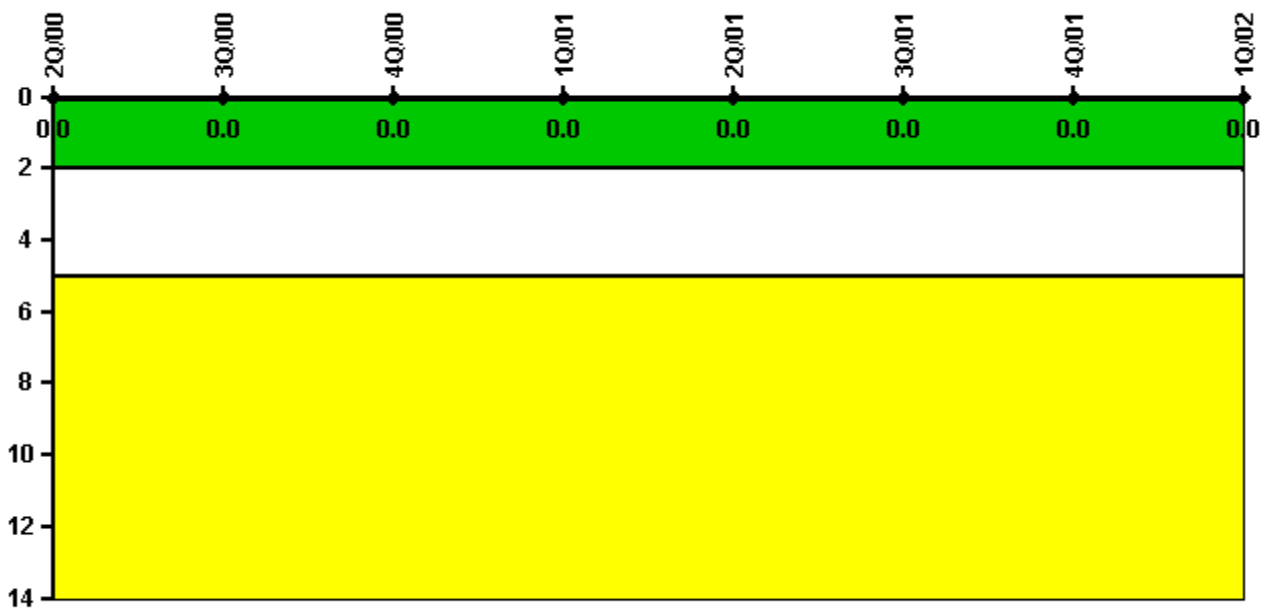
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Successful siren-tests	327	328	327	327	329	281	376	329
Total sirens-tests	329	329	329	329	329	282	376	329
Indicator value	99.6%	99.6%	99.5%	99.5%	99.6%	99.6%	99.8%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness

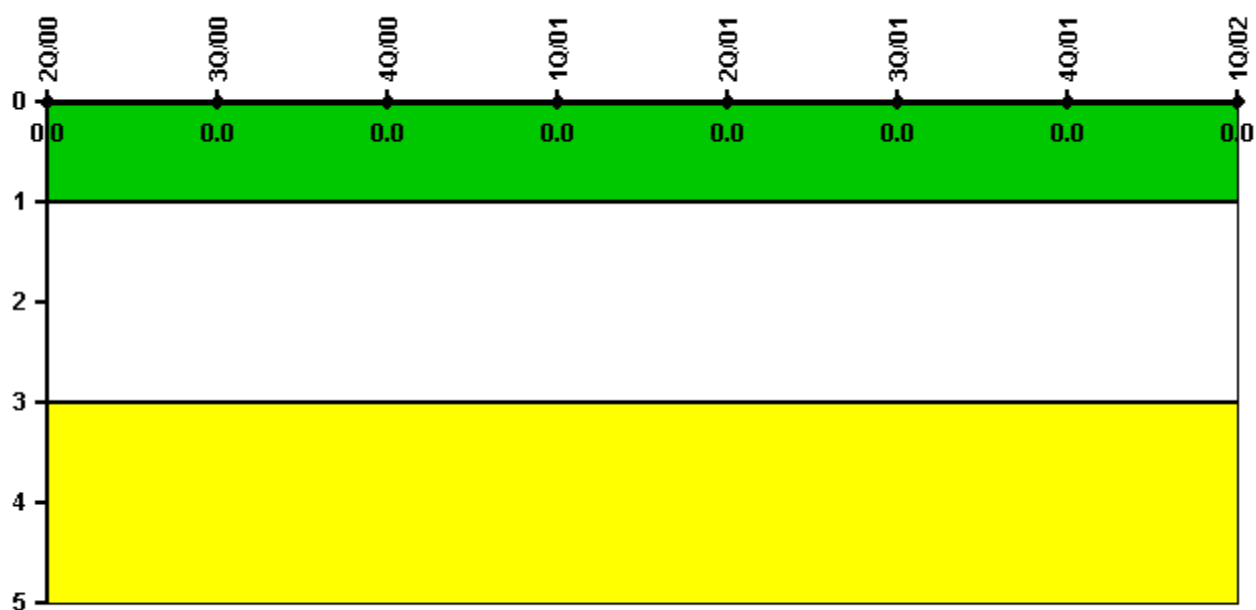


Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

RETS/ODCM Radiological Effluent

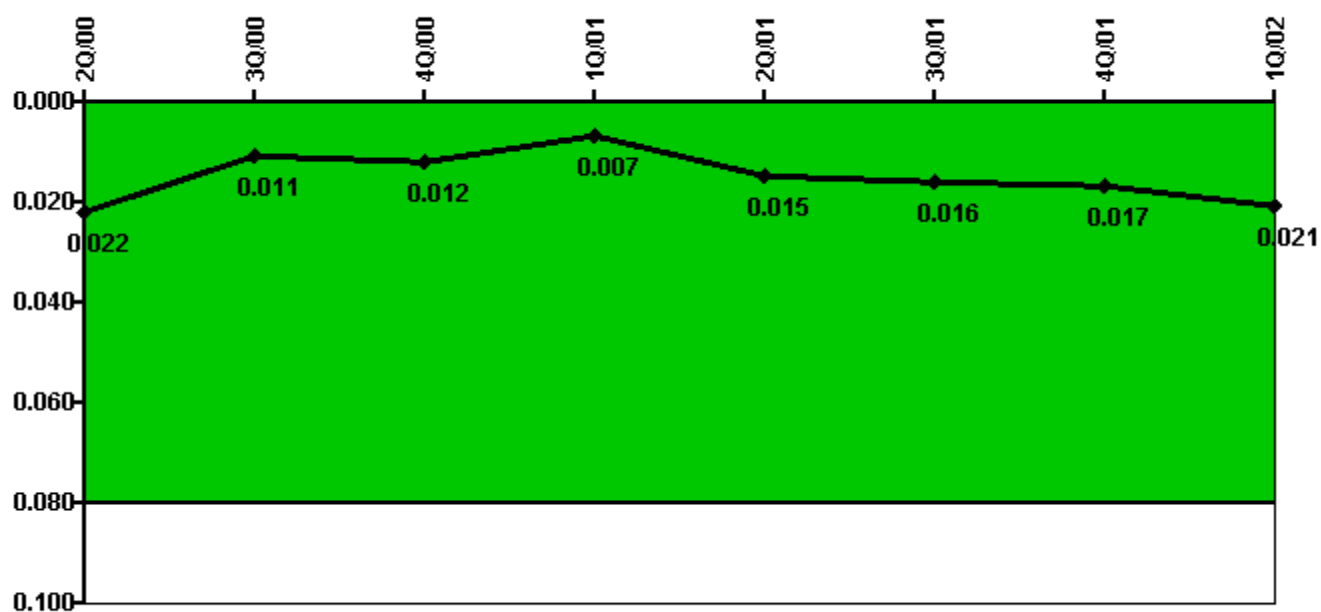
Thresholds: White > 1.0 Yellow > 3.0

Notes

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

Licensee Comments: none

Protected Area Security Performance Index



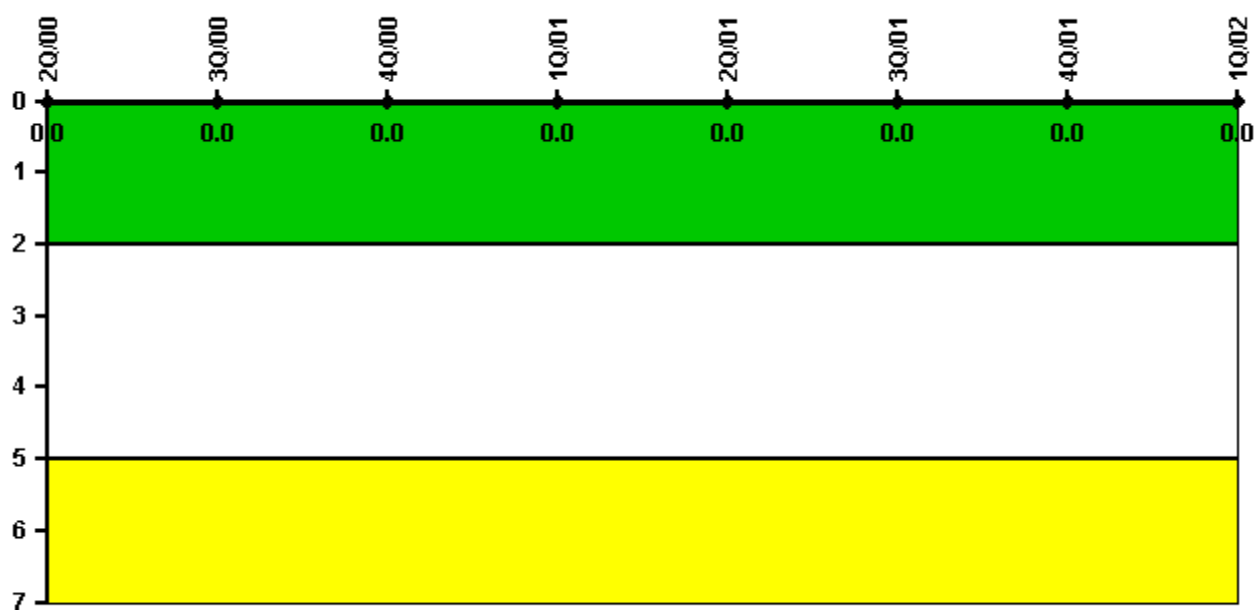
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
IDS compensatory hours	34.20	82.50	79.90	13.40	311.80	108.60	148.00	156.70
CCTV compensatory hours	0	5.4	28.9	0	0	0	0	0
IDS normalization factor	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95
CCTV normalization factor	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
Index Value	0.022	0.011	0.012	0.007	0.015	0.016	0.017	0.021

Licensee Comments: none

Personnel Screening Program

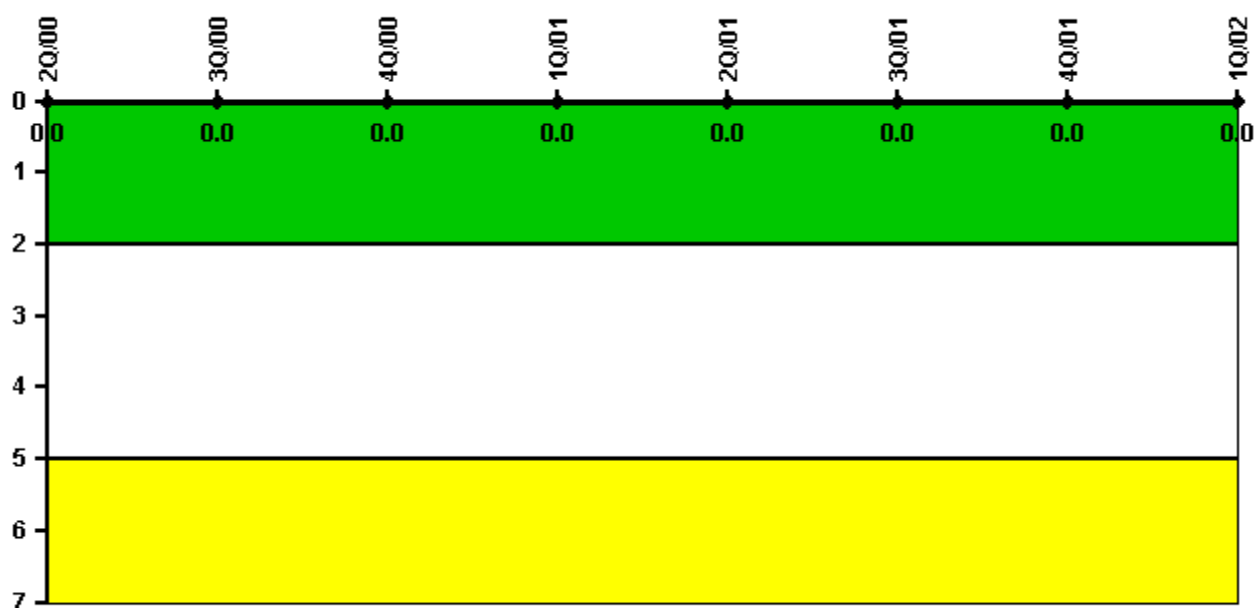


Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

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

Last Modified: May 1, 2002

Turkey Point 4

2Q/2002 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Unplanned scrams	0	0	1.0	0	0	0	0	0
Critical hours	2064.1	1685.1	2031.5	2183.0	2208.0	2209.0	1944.0	2032.2
Indicator value	0.8	0.9	0.9	0.9	0.9	0.8	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



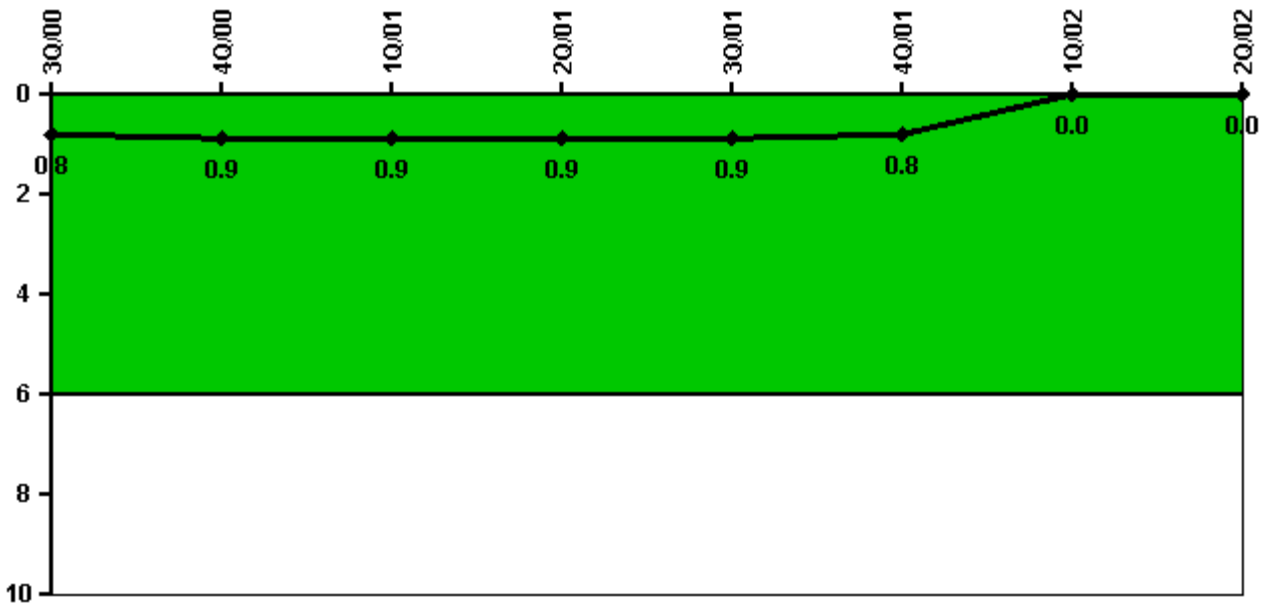
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



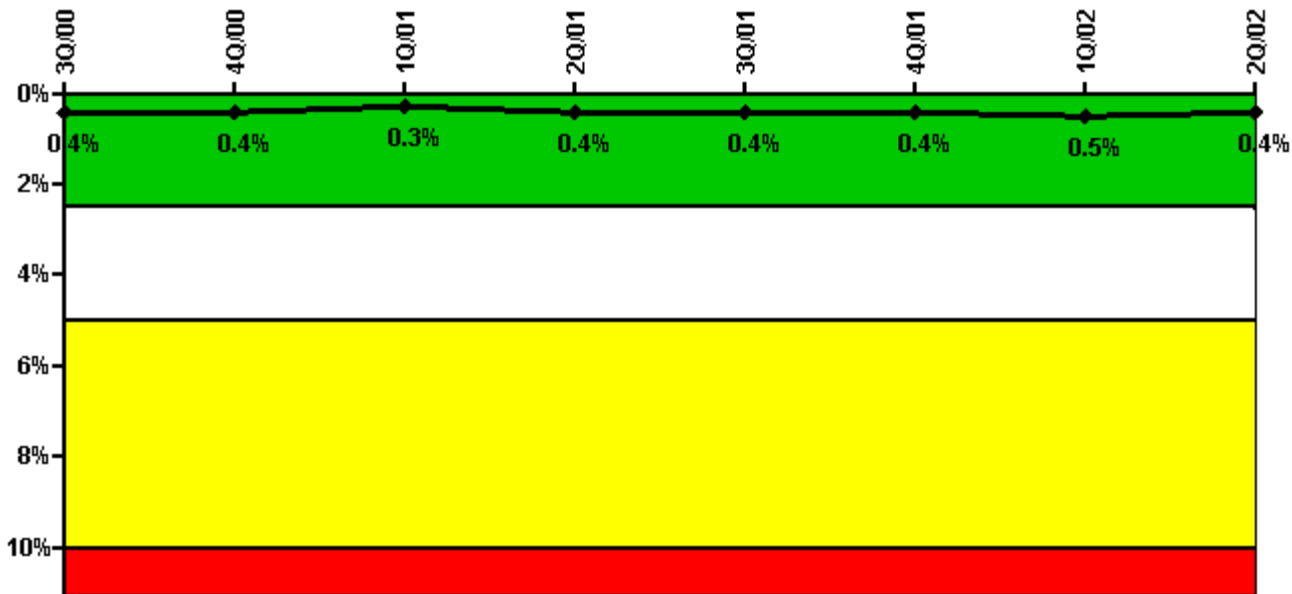
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Unplanned power changes	0	0	1.0	0	0	0	0	0
Critical hours	2064.1	1685.1	2031.5	2183.0	2208.0	2209.0	1944.0	2032.2
Indicator value	0.8	0.9	0.9	0.9	0.9	0.8	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



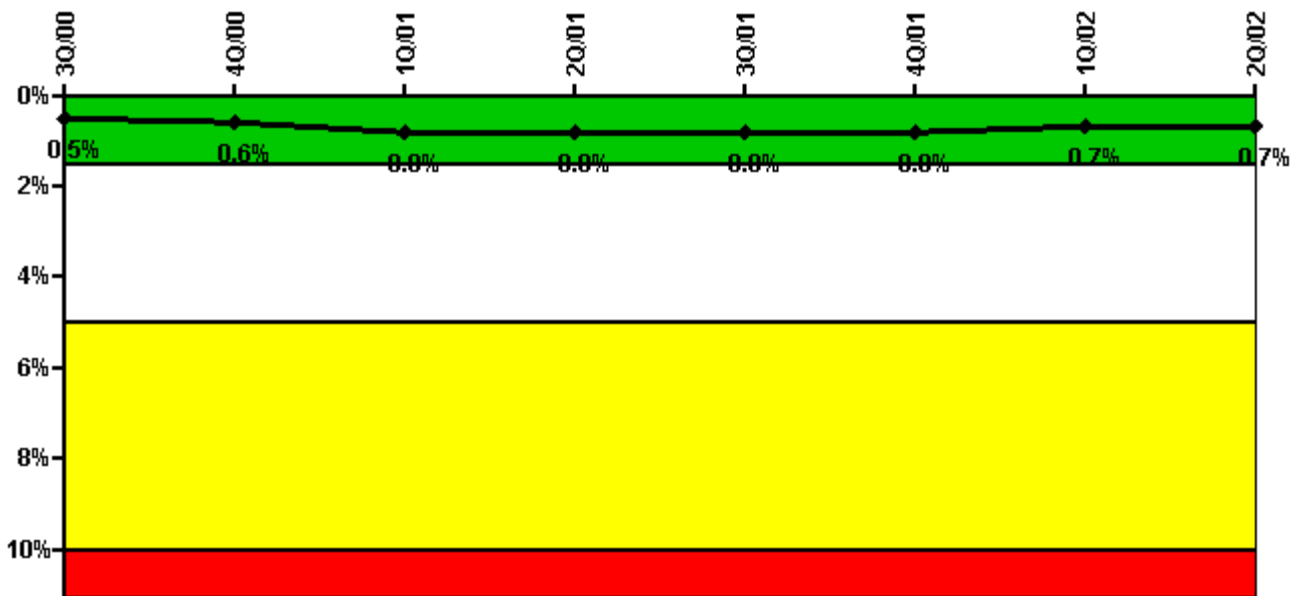
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours	9.80	3.20	4.00	2.40	30.20	4.00	2.90	2.40
Unplanned unavailable hours	5.80	2.40	0	13.00	0	0	9.10	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2151.50	1983.50	2160.00	2183.00	2208.00	2209.00	2056.80	2121.30
Train 2								
Planned unavailable hours	4.10	11.20	4.00	24.00	1.60	4.00	4.40	2.40
Unplanned unavailable hours	0	0	0	0	0.80	0.20	0	7.60
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2151.50	1983.50	2160.00	2183.00	2208.00	2209.00	2056.80	2121.30
Indicator value	0.4%	0.4%	0.3%	0.4%	0.4%	0.4%	0.5%	0.4%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



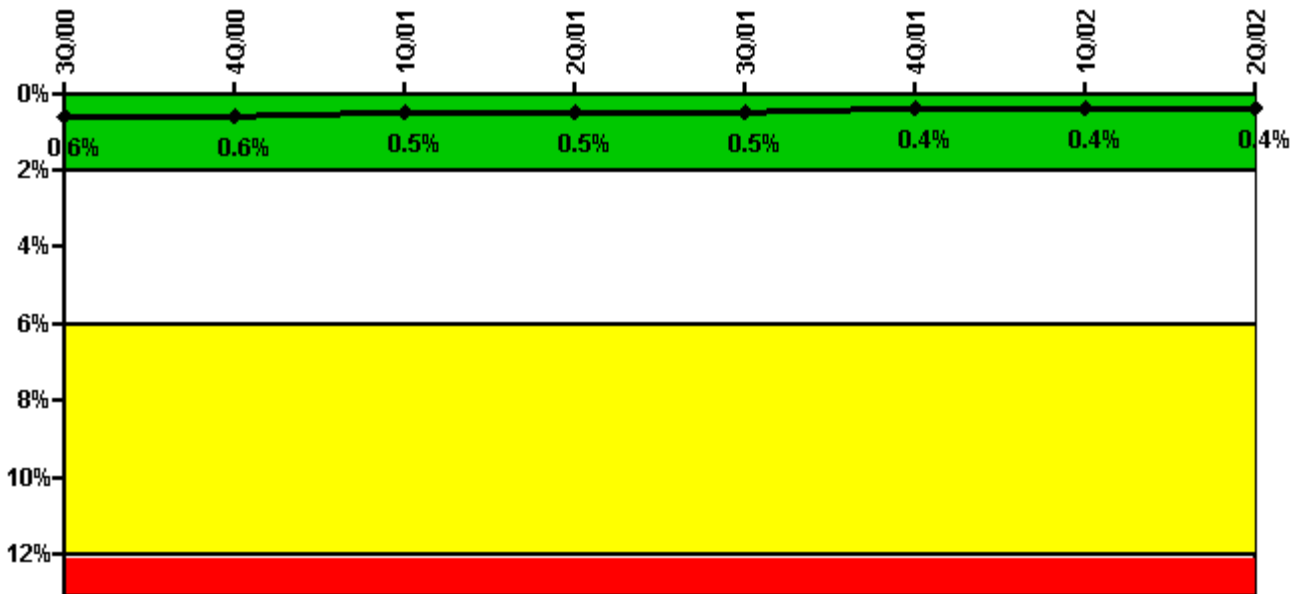
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours	0	0.10	10.50	1.00	0	0	15.10	0
Unplanned unavailable hours	0	97.30	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	2095.00	1757.20	2046.50	2183.00	2208.00	2209.00	1949.20	2050.50
Train 2								
Planned unavailable hours	2.33	0.10	0	17.13	0	0	8.80	20.20
Unplanned unavailable hours	0.50	0	33.80	0	0	0	0	0
Fault exposure hours	23.00	0	22.20	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2095.00	1757.20	2046.50	2183.00	2208.00	2209.00	1949.20	2050.50
Indicator value	0.5%	0.6%	0.8%	0.8%	0.8%	0.8%	0.7%	0.7%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



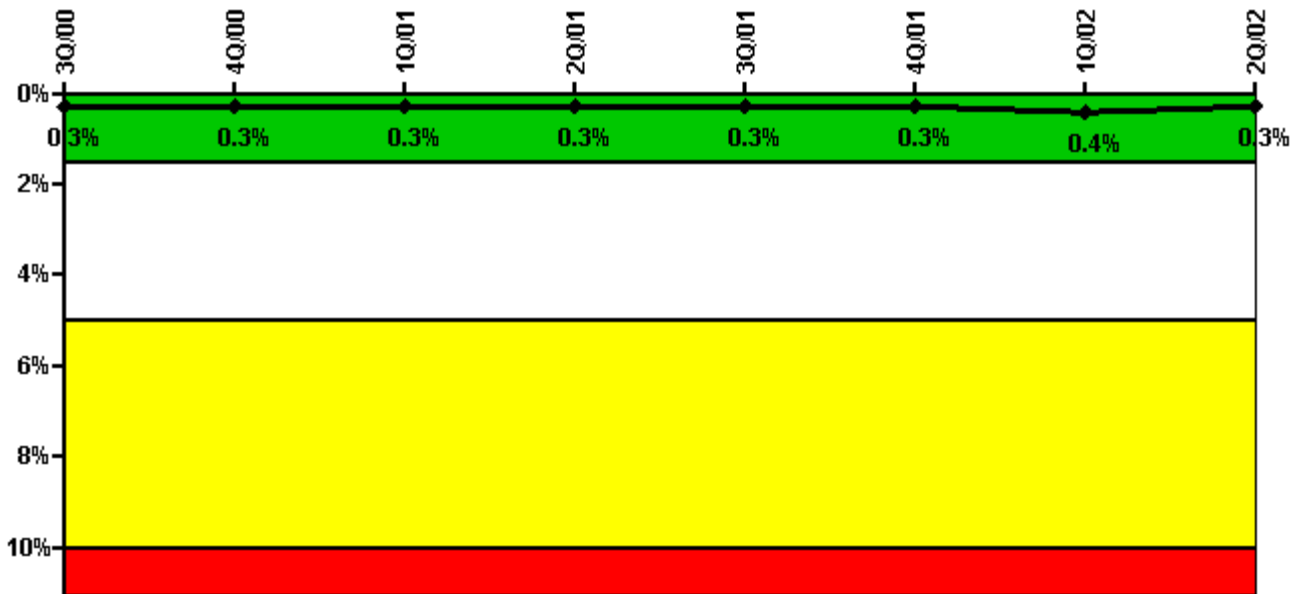
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

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	1.00	0	0.40	3.20	1.30	1.30	0	11.80
Unplanned unavailable hours	1.30	0	0	0	0	0.50	0	0
Fault exposure hours	82.00	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2073.60	1740.00	2046.50	2183.00	2208.00	2209.00	1949.20	2050.50
Train 2								
Planned unavailable hours	0.60	0	7.50	0	1.60	1.00	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2073.60	1740.00	2046.50	2183.00	2208.00	2209.00	1949.20	2050.50
Indicator value	0.6%	0.6%	0.5%	0.5%	0.5%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



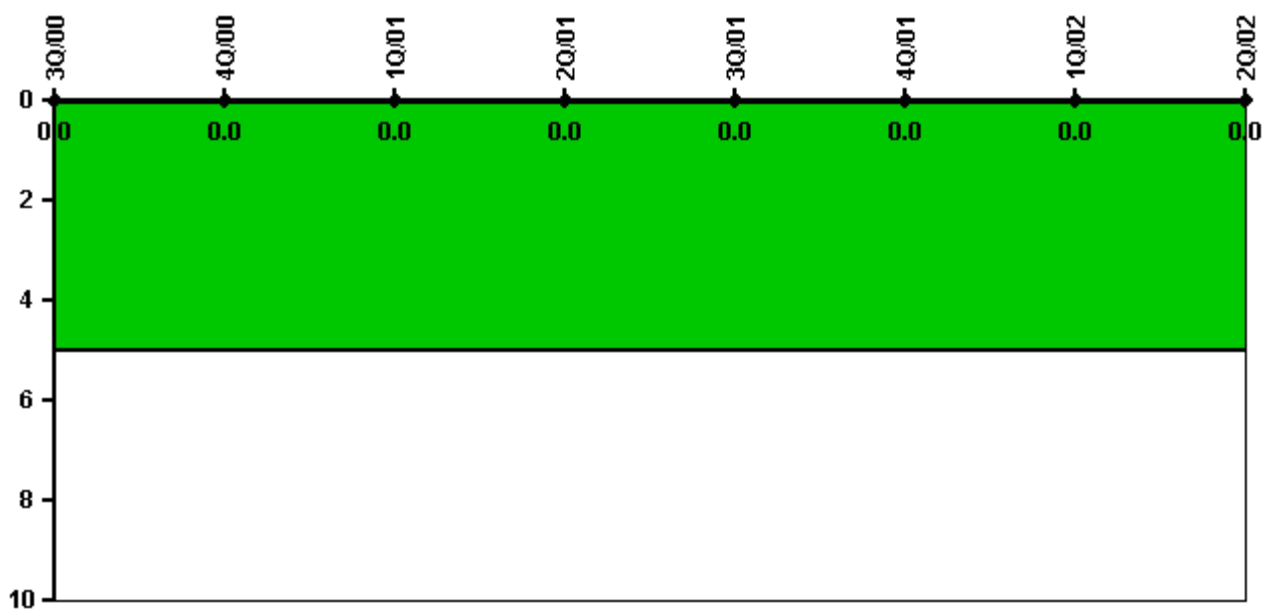
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours	13.60	0.85	0.55	3.37	0.40	3.90	30.40	3.50
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	1954.60	2160.00	2183.00	2208.00	2209.00	1980.00	2167.30
Train 2								
Planned unavailable hours	59.55	0.33	0.72	3.27	1.10	1.10	22.10	3.10
Unplanned unavailable hours	0	0	0	0	0	0	0	0.10
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	1954.60	2160.00	2183.00	2208.00	2209.00	1980.00	2167.30
Indicator value	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.4%	0.3%

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

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

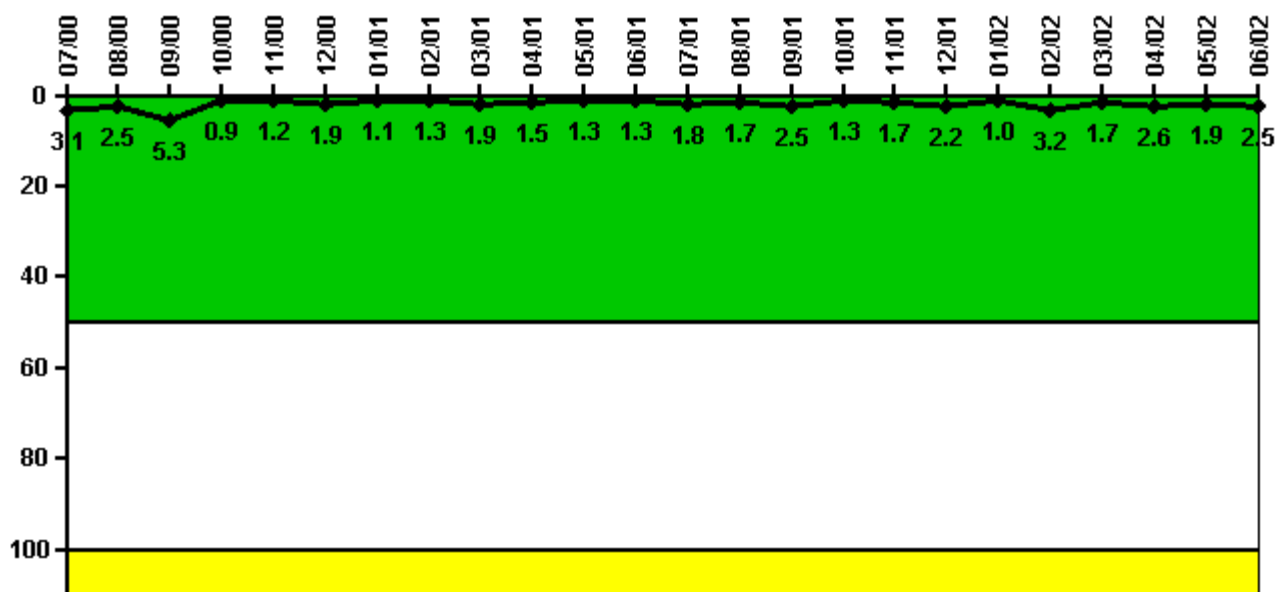
Notes

Reactor Coolant System Activity	7/00	8/00	9/00	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum activity	0.001290	0.001320	0.001370	0.000381	0.000554	0.000616	0.000545	0.000572	0.000607	0.000736	0.000730	0.000764
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Reactor Coolant System Activity	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02
Maximum activity	0.000811	0.000791	0.000843	0.000900	0.000866	0.000993	0.001040	0.001020	0.001090	0.000438	0.000558	0.000854
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

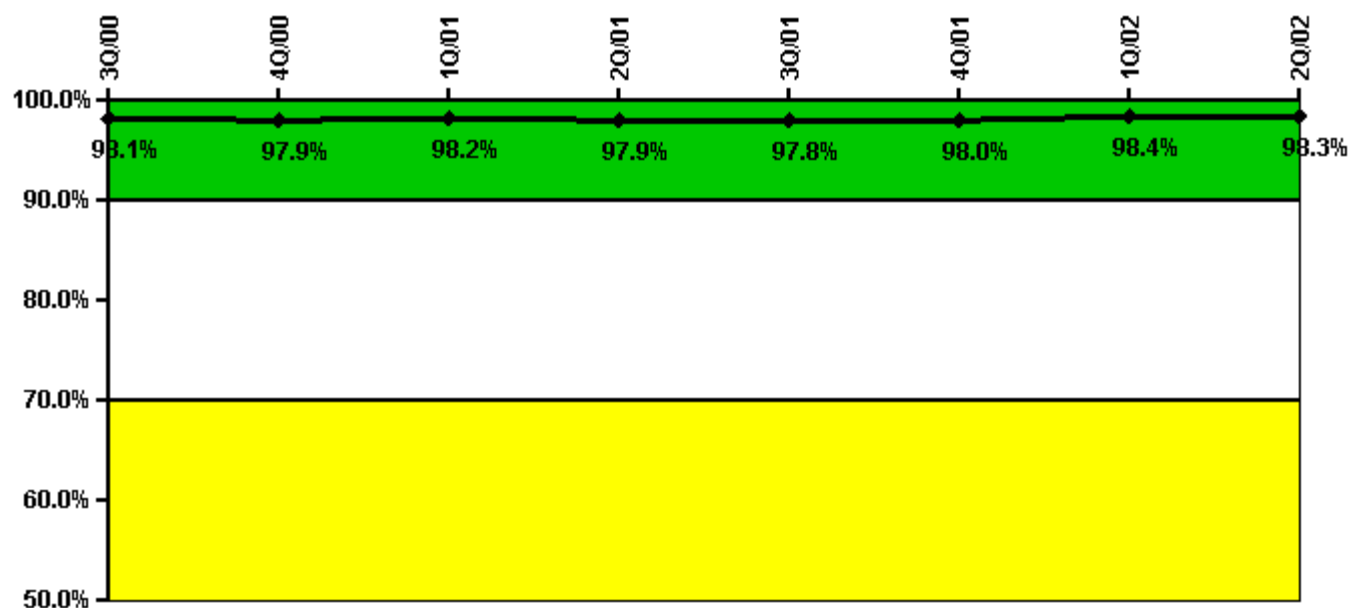
Notes

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	0.310	0.250	0.530	0.090	0.120	0.190	0.110	0.130	0.190	0.150	0.130	0.130
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	3.1	2.5	5.3	0.9	1.2	1.9	1.1	1.3	1.9	1.5	1.3	1.3

Reactor Coolant System Leakage	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02
Maximum leakage	0.180	0.170	0.250	0.130	0.170	0.220	0.100	0.320	0.170	0.260	0.190	0.250
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.8	1.7	2.5	1.3	1.7	2.2	1.0	3.2	1.7	2.6	1.9	2.5

Licensee Comments: none

Drill/Exercise Performance



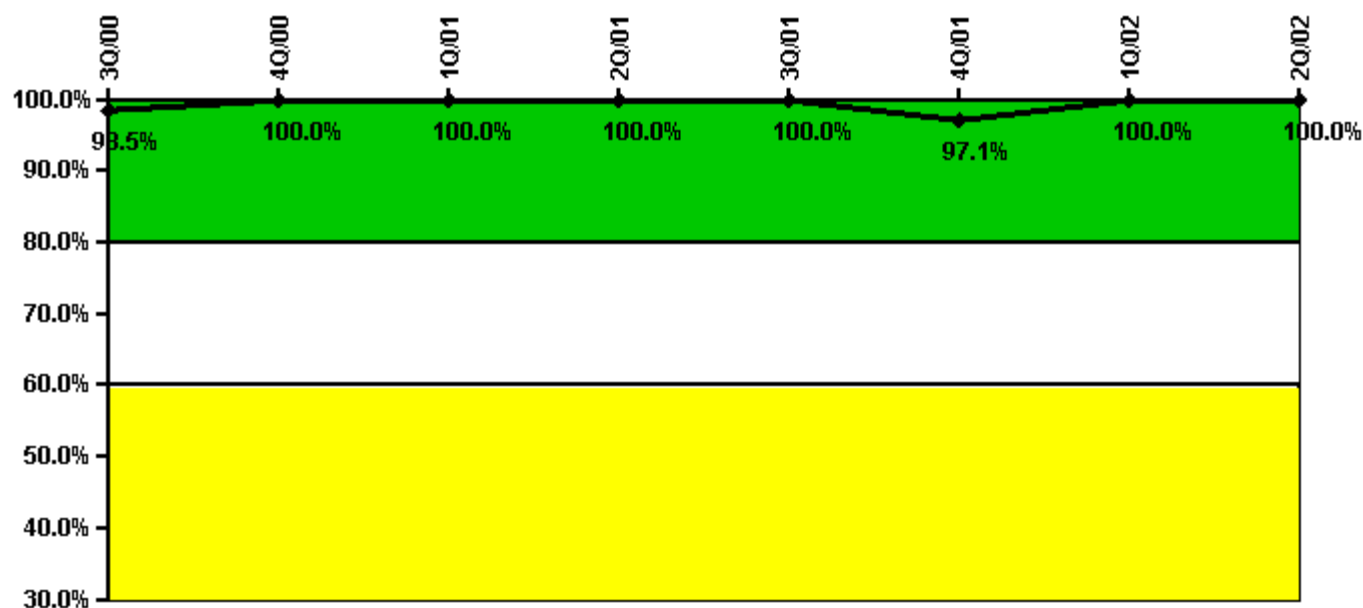
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Successful opportunities	51.0	10.0	71.0	56.0	41.0	40.0	46.0	38.0
Total opportunities	51.0	10.0	72.0	57.0	42.0	40.0	49.0	38.0
Indicator value	98.1%	97.9%	98.2%	97.9%	97.8%	98.0%	98.4%	98.3%

Licensee Comments: none

ERO Drill Participation



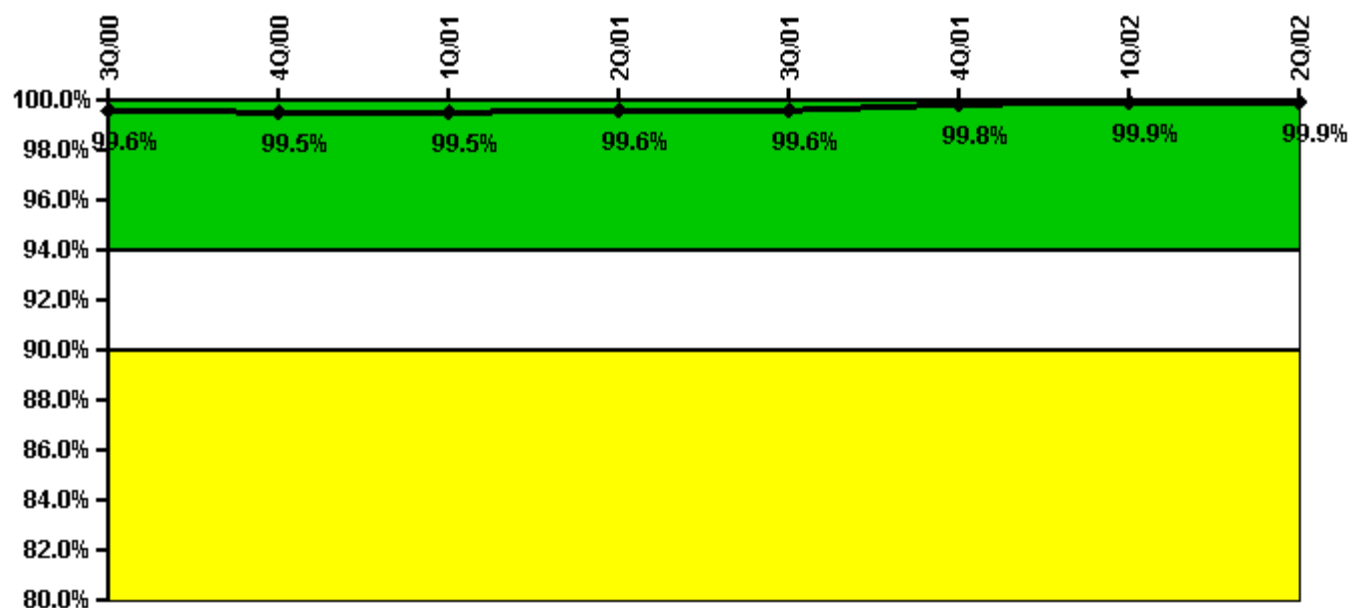
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Participating Key personnel	66.0	66.0	67.0	69.0	67.0	67.0	70.0	67.0
Total Key personnel	67.0	66.0	67.0	69.0	67.0	69.0	70.0	67.0
Indicator value	98.5%	100.0%	100.0%	100.0%	100.0%	97.1%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



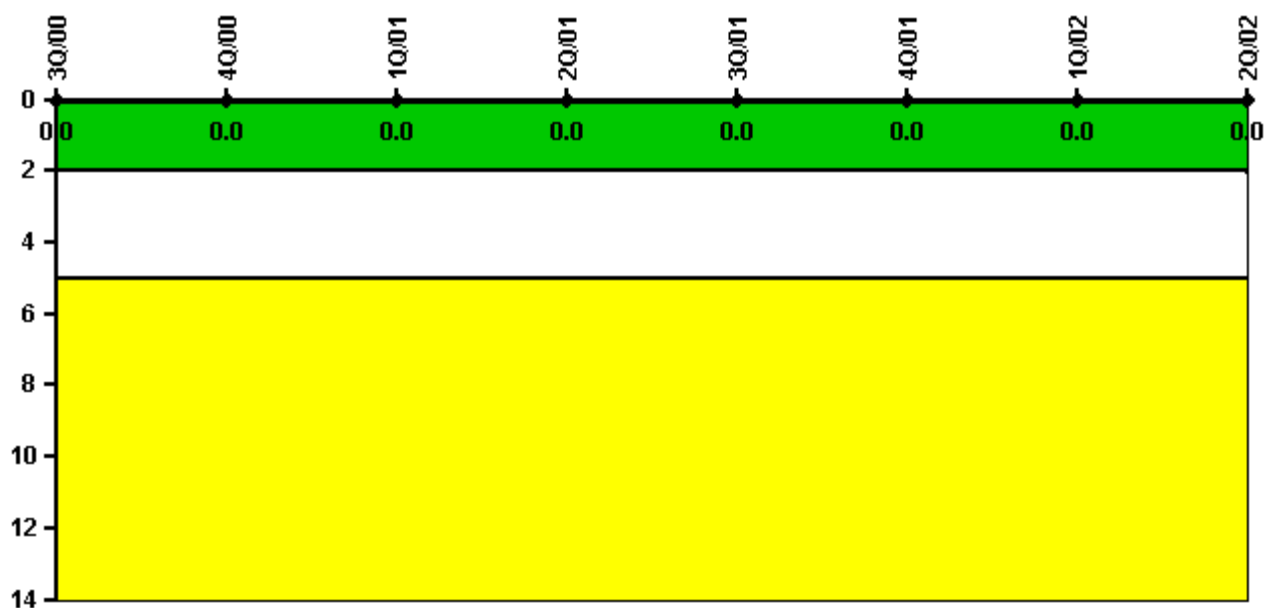
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Successful siren-tests	328	327	327	329	281	376	329	376
Total sirens-tests	329	329	329	329	282	376	329	376
Indicator value	99.6%	99.5%	99.5%	99.6%	99.6%	99.8%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness

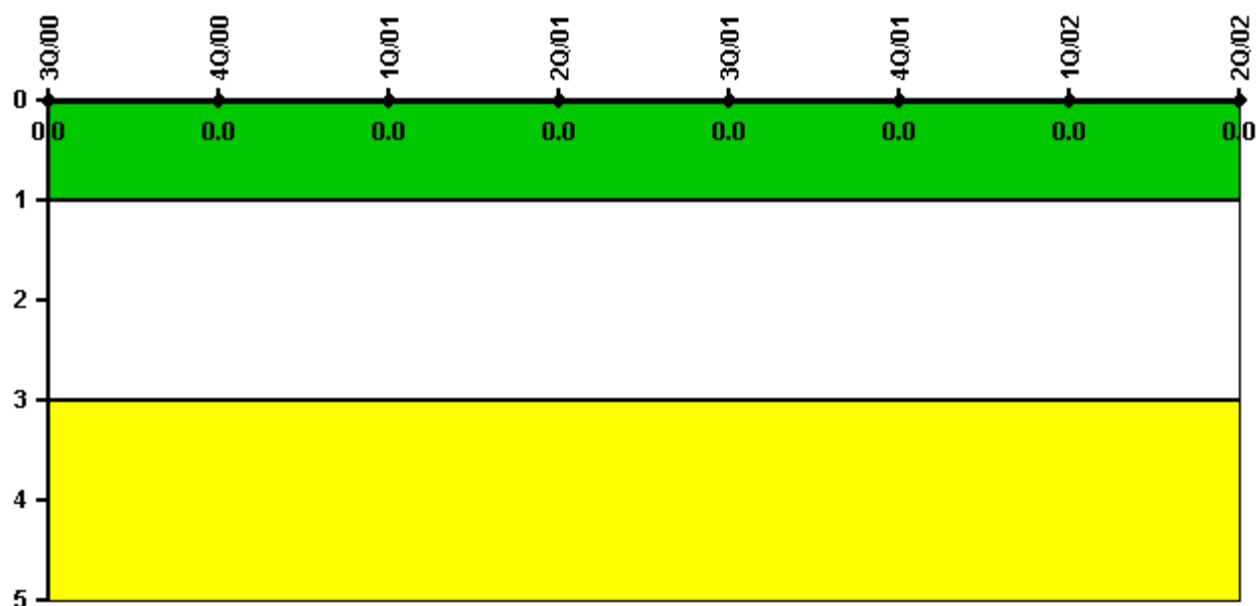


Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

RETS/ODCM Radiological Effluent

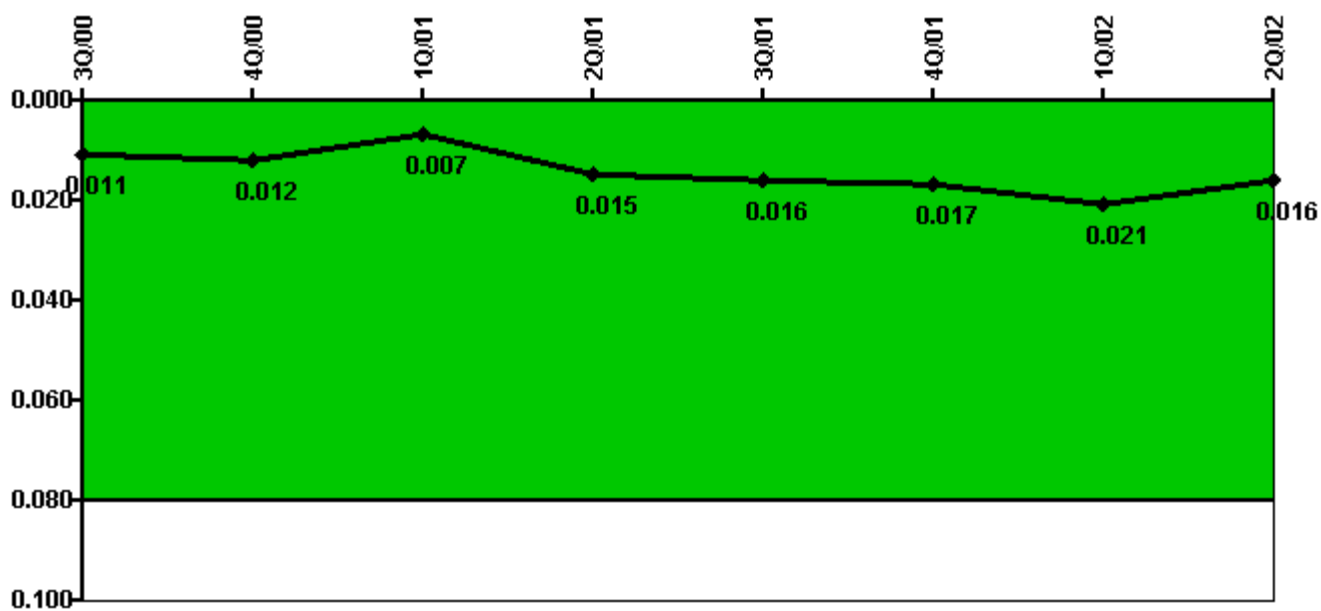
Thresholds: White > 1.0 Yellow > 3.0

Notes

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

Licensee Comments: none

Protected Area Security Performance Index



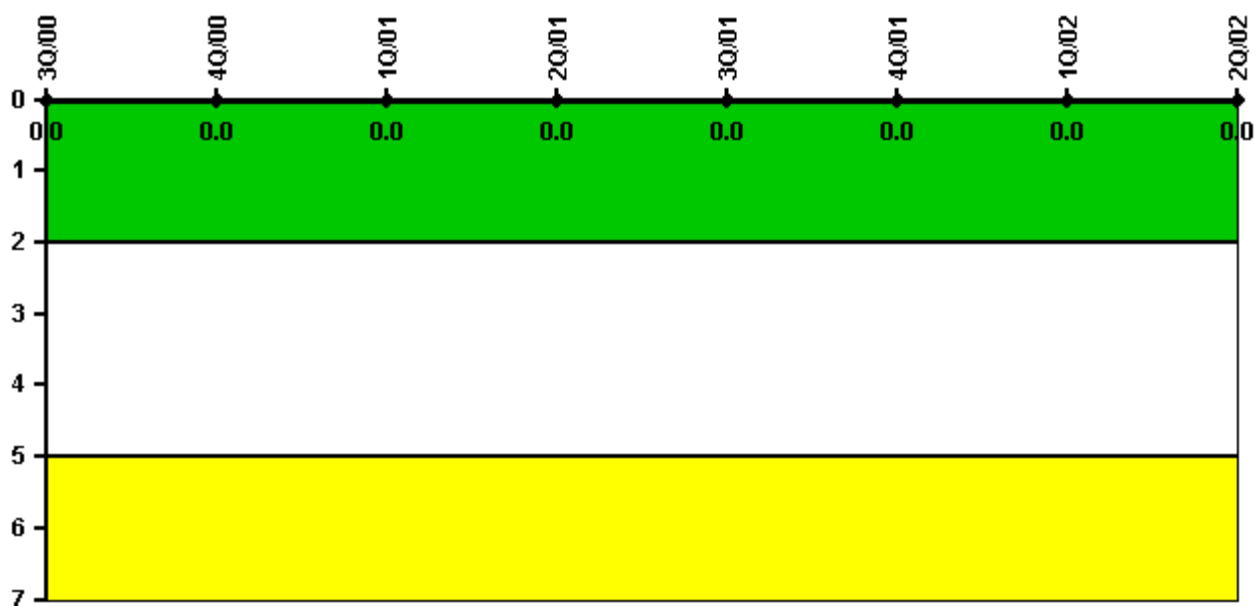
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
IDS compensatory hours	82.50	79.90	13.40	311.80	108.60	148.00	156.70	122.20
CCTV compensatory hours	5.4	28.9	0	0	0	0	0	0
IDS normalization factor	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95
CCTV normalization factor	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
Index Value	0.011	0.012	0.007	0.015	0.016	0.017	0.021	0.016

Licensee Comments: none

Personnel Screening Program



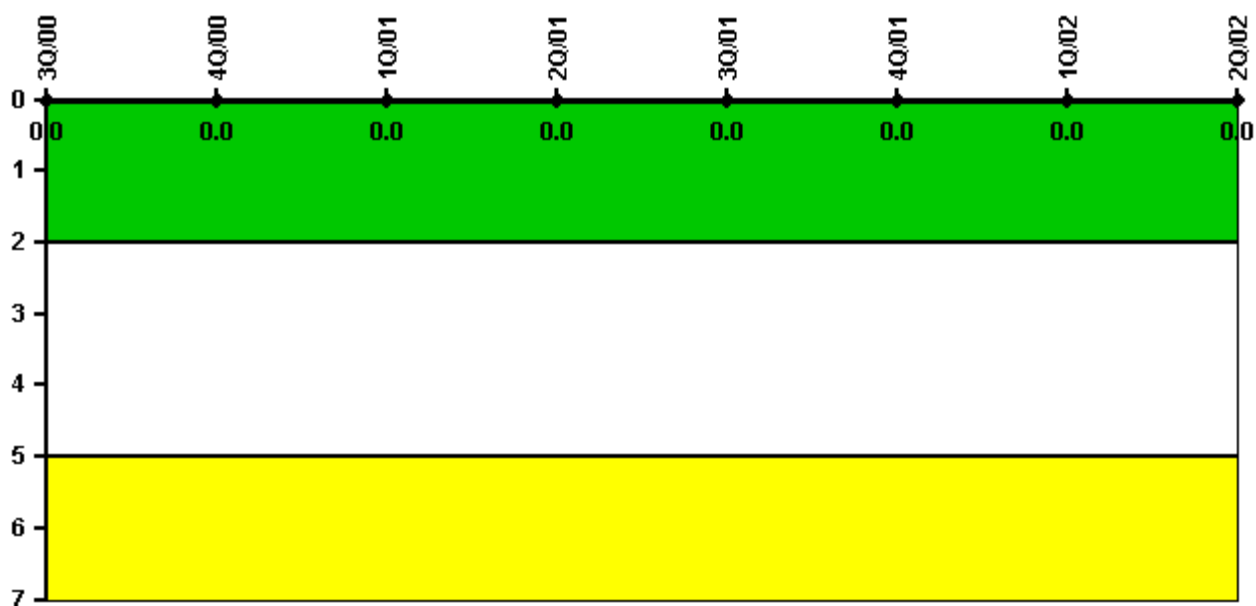
Thresholds: White > 2.0 Yellow > 5.0

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](#)

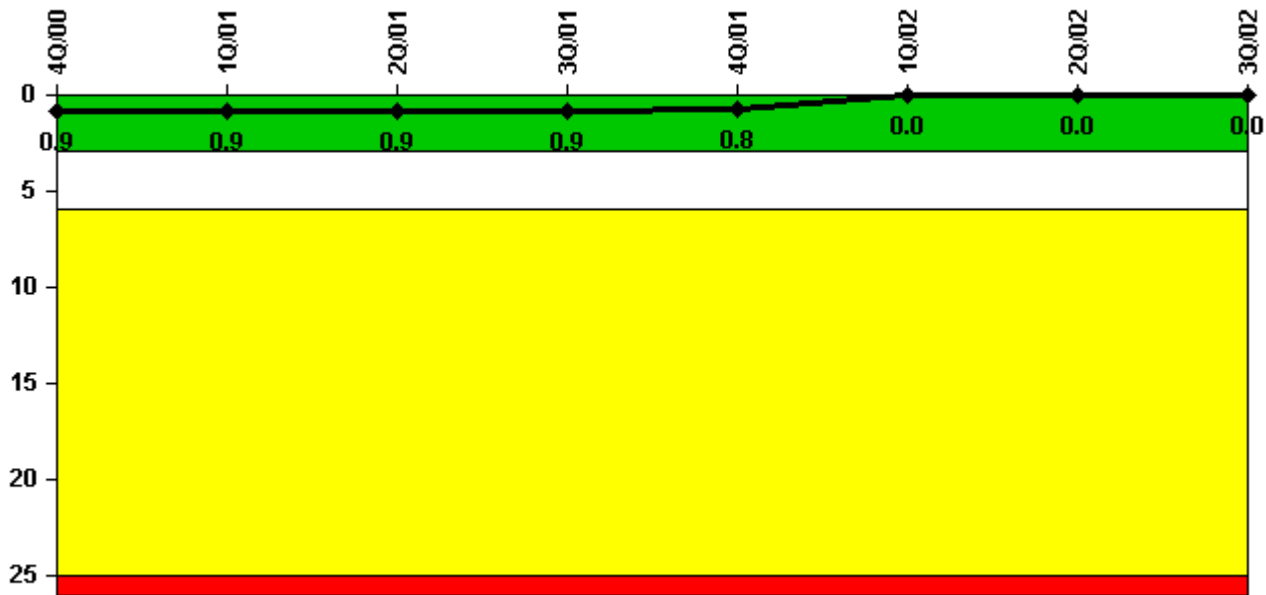
Last Modified: July 31, 2002

Turkey Point 4

3Q/2002 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



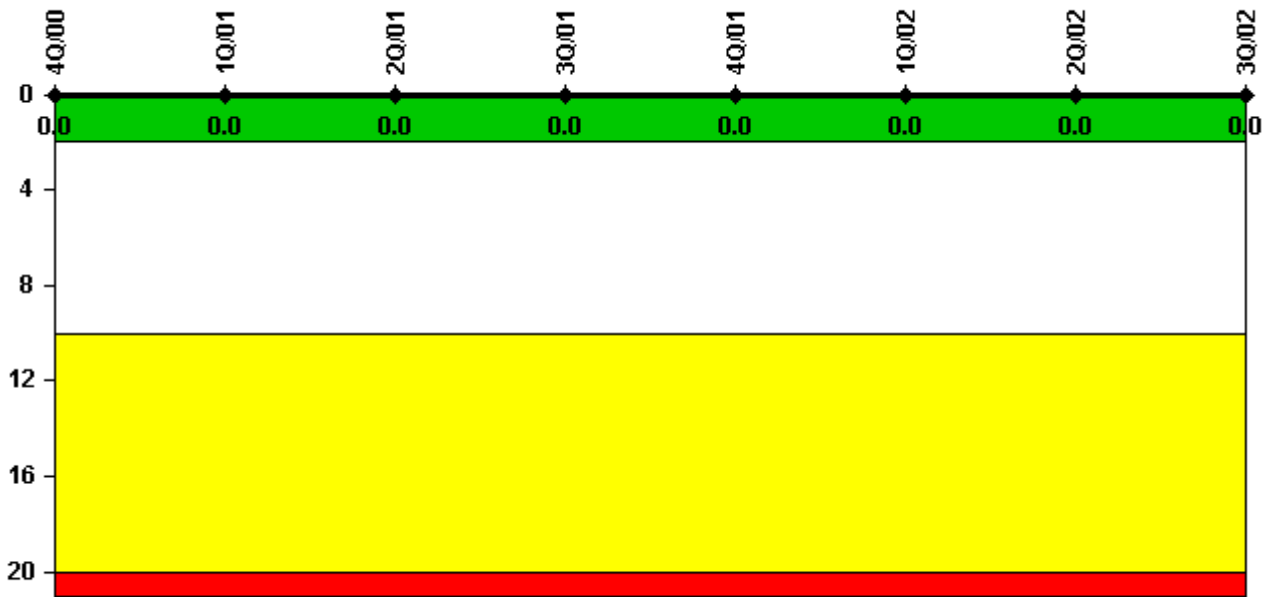
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Unplanned scrams	0	1.0	0	0	0	0	0	0
Critical hours	1685.1	2031.5	2183.0	2208.0	2209.0	1944.0	2032.2	2208.0
Indicator value	0.9	0.9	0.9	0.9	0.8	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



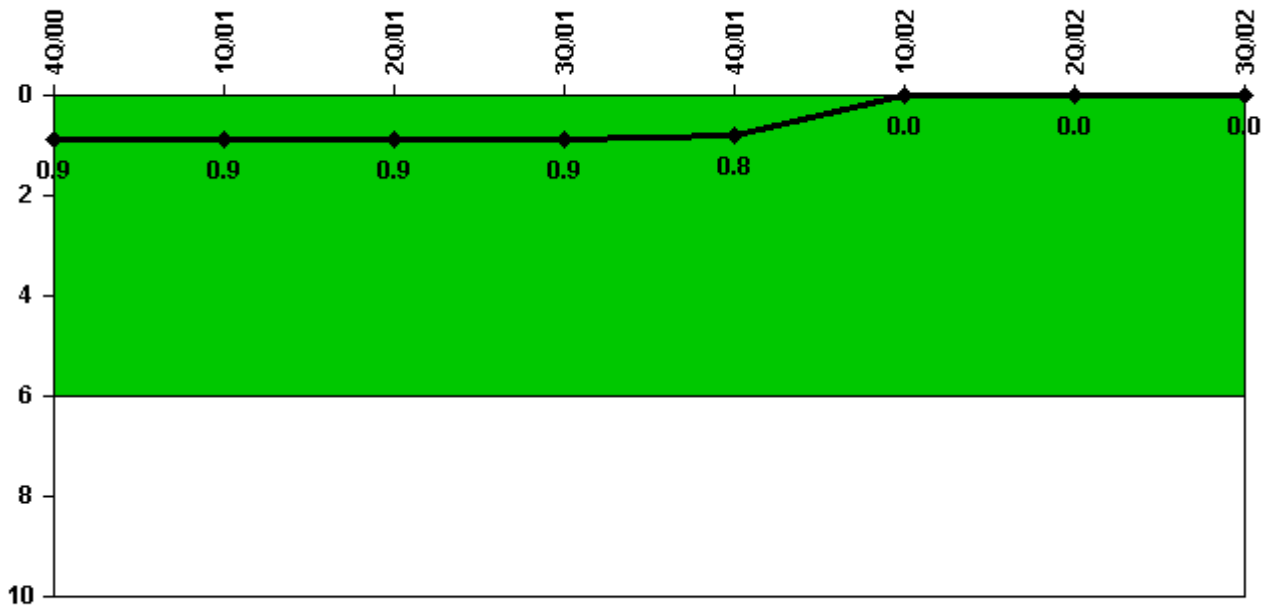
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



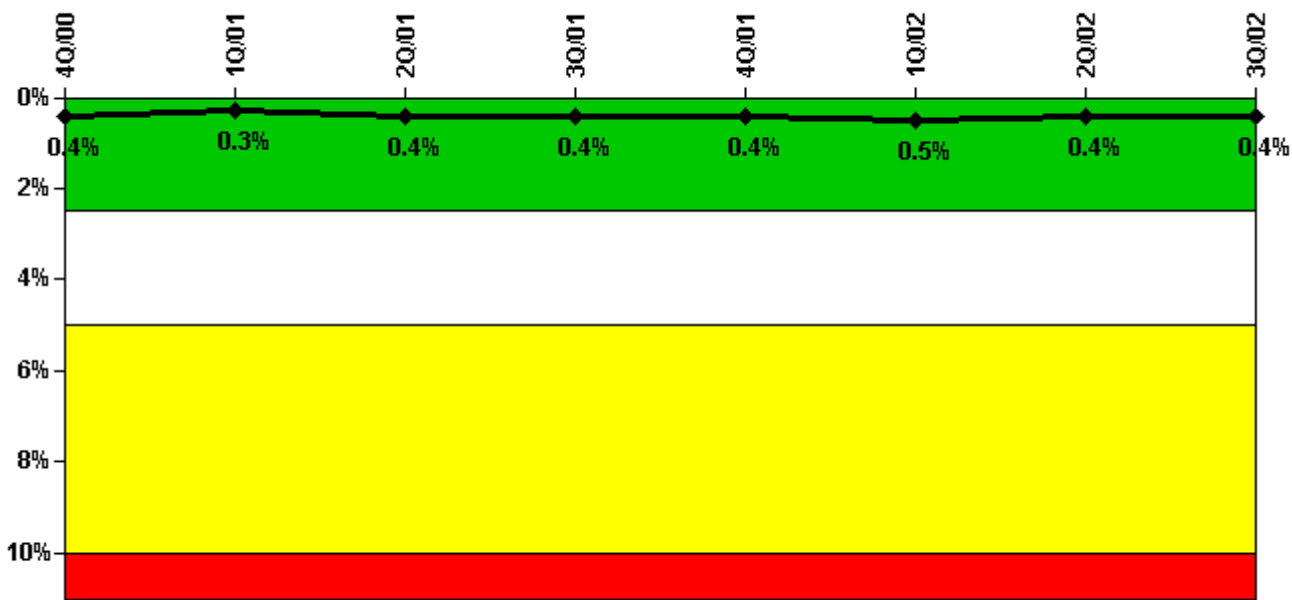
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Unplanned power changes	0	1.0	0	0	0	0	0	0
Critical hours	1685.1	2031.5	2183.0	2208.0	2209.0	1944.0	2032.2	2208.0
Indicator value	0.9	0.9	0.9	0.9	0.8	0	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



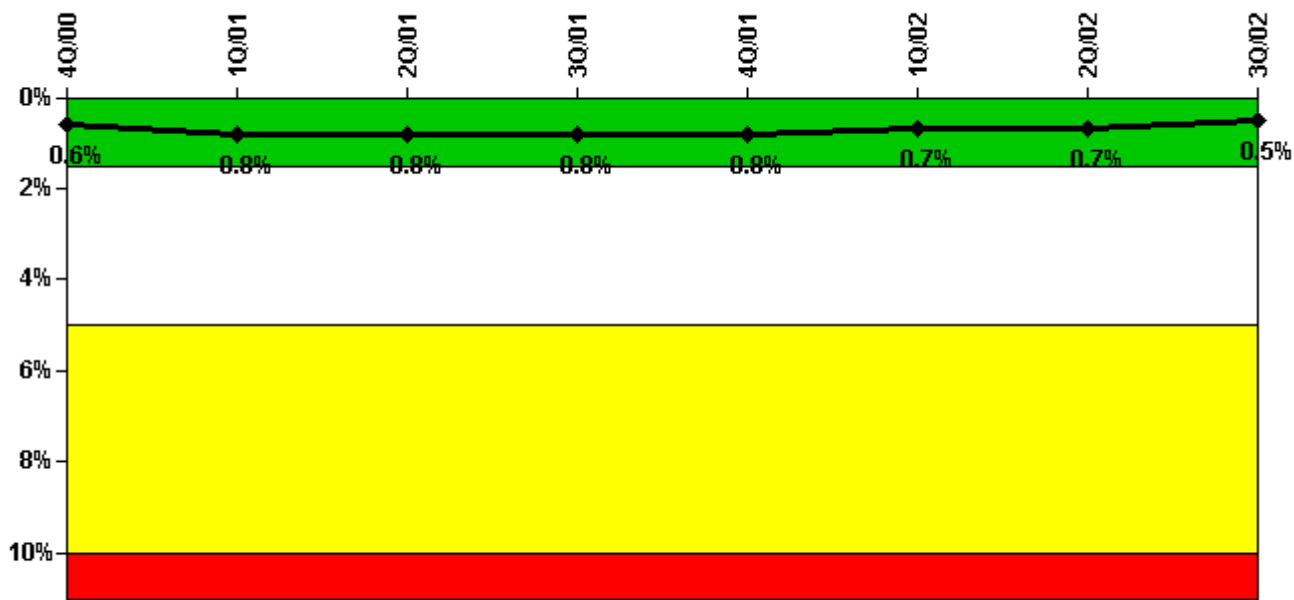
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Train 1								
Planned unavailable hours	3.20	4.00	2.40	30.20	4.00	2.90	2.40	0.80
Unplanned unavailable hours	2.40	0	13.00	0	0	9.10	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	1983.50	2160.00	2183.00	2208.00	2209.00	2056.80	2121.30	2208.00
Train 2								
Planned unavailable hours	11.20	4.00	24.00	1.60	4.00	4.40	2.40	0.80
Unplanned unavailable hours	0	0	0	0.80	0.20	0	7.60	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	1983.50	2160.00	2183.00	2208.00	2209.00	2056.80	2121.30	2208.00
Indicator value	0.4%	0.3%	0.4%	0.4%	0.4%	0.5%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



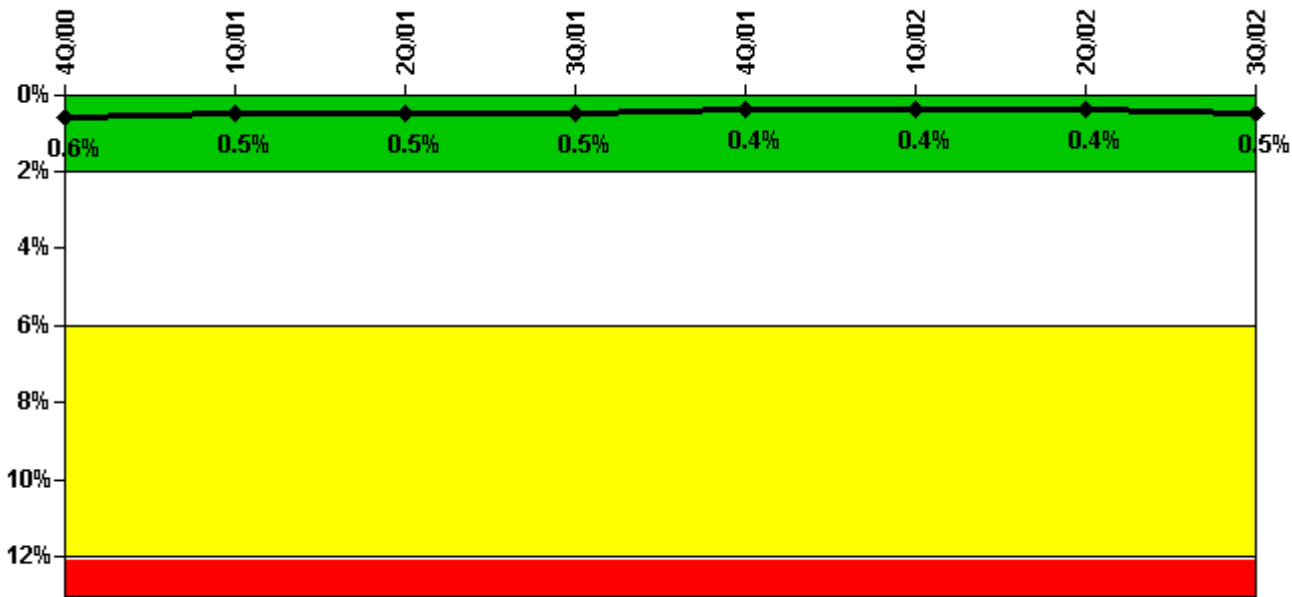
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Train 1								
Planned unavailable hours	0.10	10.50	1.00	0	0	15.10	0	1.90
Unplanned unavailable hours	97.30	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	1757.20	2046.50	2183.00	2208.00	2209.00	1949.20	2050.50	2208.00
Train 2								
Planned unavailable hours	0.10	0	17.13	0	0	8.80	20.20	0
Unplanned unavailable hours	0	33.80	0	0	0	0	0	0
Fault exposure hours	0	22.20	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1757.20	2046.50	2183.00	2208.00	2209.00	1949.20	2050.50	2208.00
Indicator value	0.6%	0.8%	0.8%	0.8%	0.8%	0.7%	0.7%	0.5%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



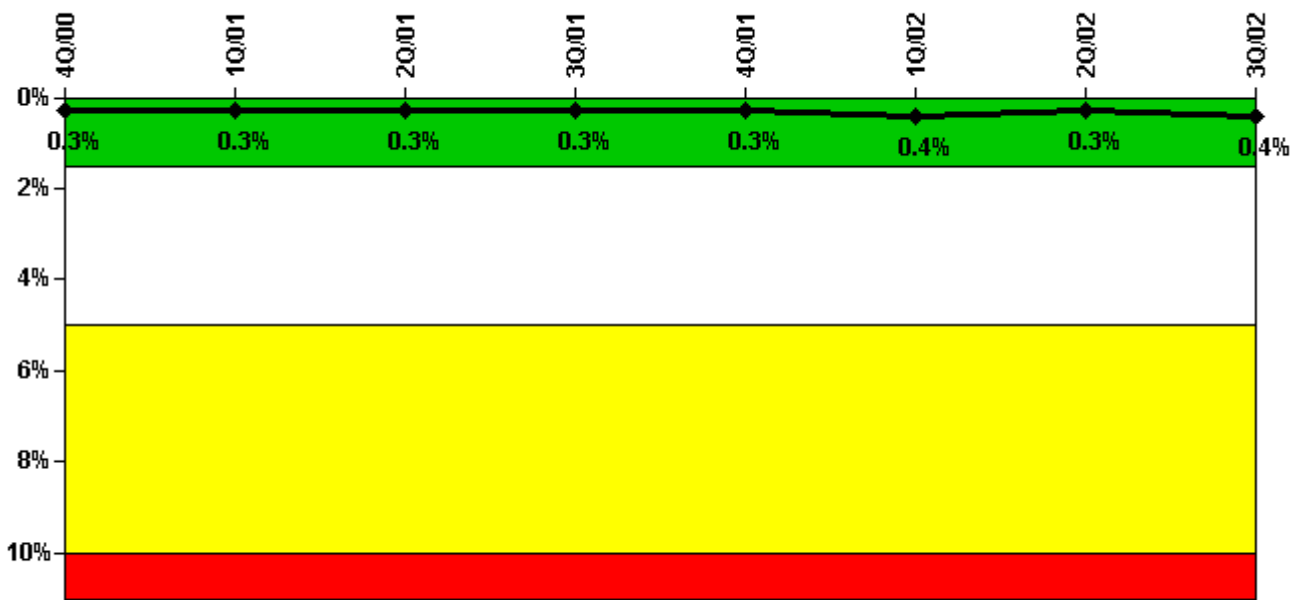
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Train 1								
Planned unavailable hours	0	0.40	3.20	1.30	1.30	0	11.80	8.00
Unplanned unavailable hours	0	0	0	0	0.50	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1740.00	2046.50	2183.00	2208.00	2209.00	1949.20	2050.50	2208.00
Train 2								
Planned unavailable hours	0	7.50	0	1.60	1.00	0	0	54.00
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1740.00	2046.50	2183.00	2208.00	2209.00	1949.20	2050.50	2208.00
Indicator value	0.6%	0.5%	0.5%	0.5%	0.4%	0.4%	0.4%	0.5%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



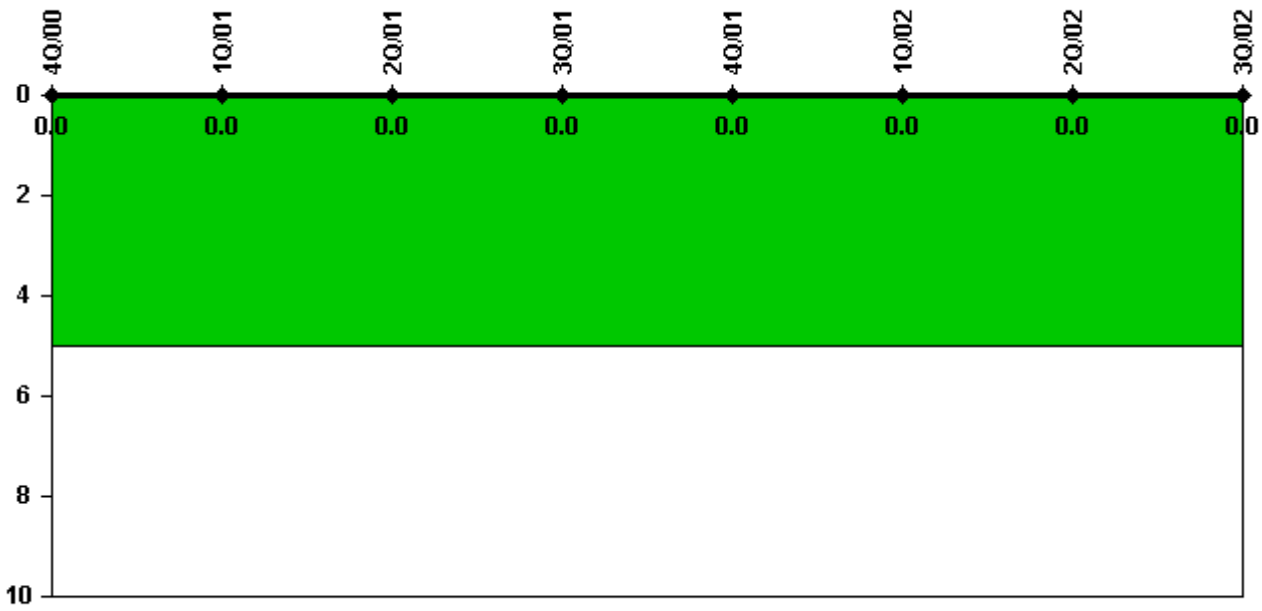
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Train 1								
Planned unavailable hours	0.85	0.55	3.37	0.40	3.90	30.40	3.50	19.00
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	1954.60	2160.00	2183.00	2208.00	2209.00	1980.00	2167.30	2208.00
Train 2								
Planned unavailable hours	0.33	0.72	3.27	1.10	1.10	22.10	3.10	22.30
Unplanned unavailable hours	0	0	0	0	0	0	0.10	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	1954.60	2160.00	2183.00	2208.00	2209.00	1980.00	2167.30	2208.00
Indicator value	0.3%	0.3%	0.3%	0.3%	0.3%	0.4%	0.3%	0.4%

Licensee Comments: none

Safety System Functional Failures (PWR)



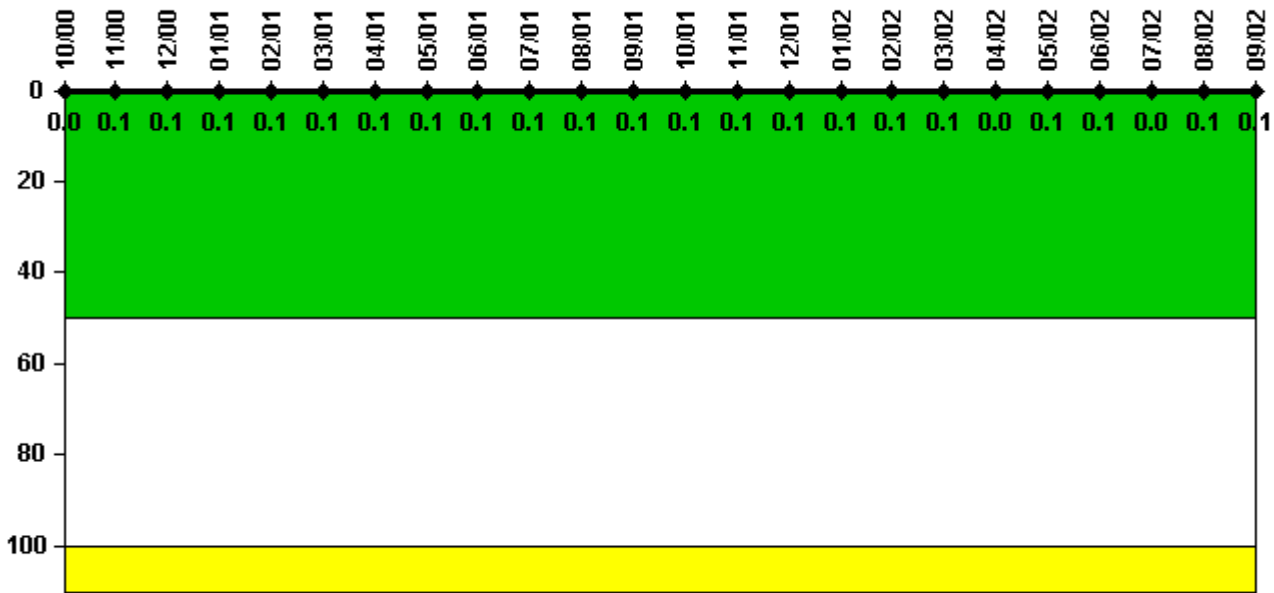
Thresholds: White > 5.0

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	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

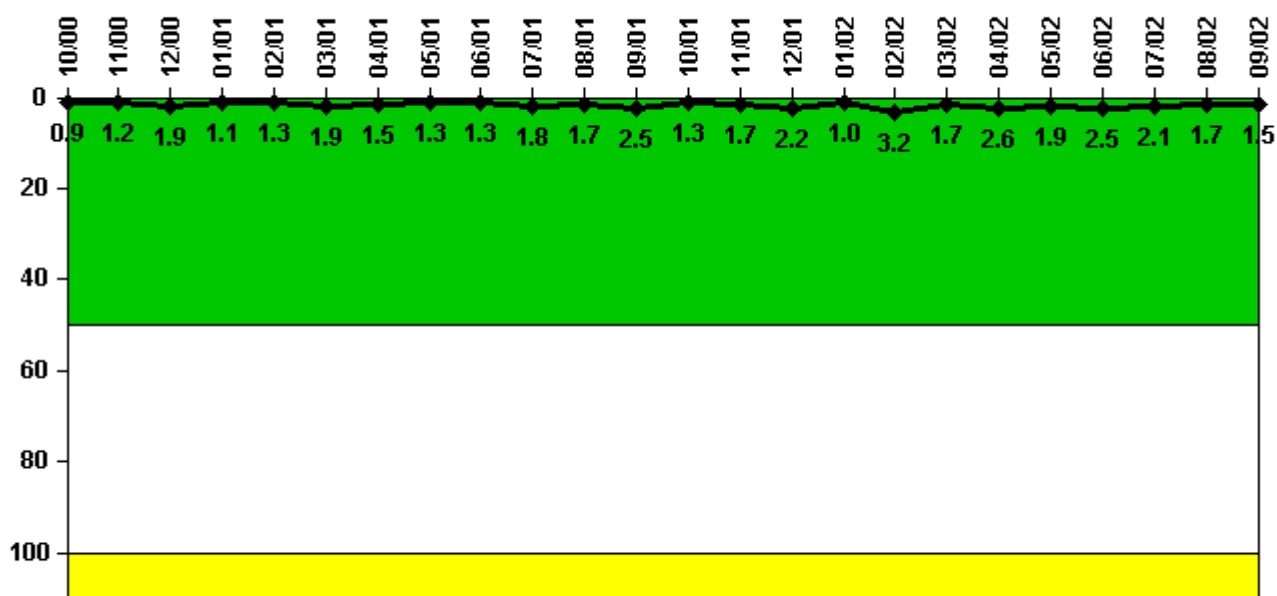
Notes

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01
Maximum activity	0.000381	0.000554	0.000616	0.000545	0.000572	0.000607	0.000736	0.000730	0.000764	0.000811	0.000791	0.000843
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Reactor Coolant System Activity	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02
Maximum activity	0.000900	0.000866	0.000993	0.001040	0.001020	0.001090	0.000438	0.000558	0.000854	0.000463	0.000519	0.000656
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0	0.1	0.1	0	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage

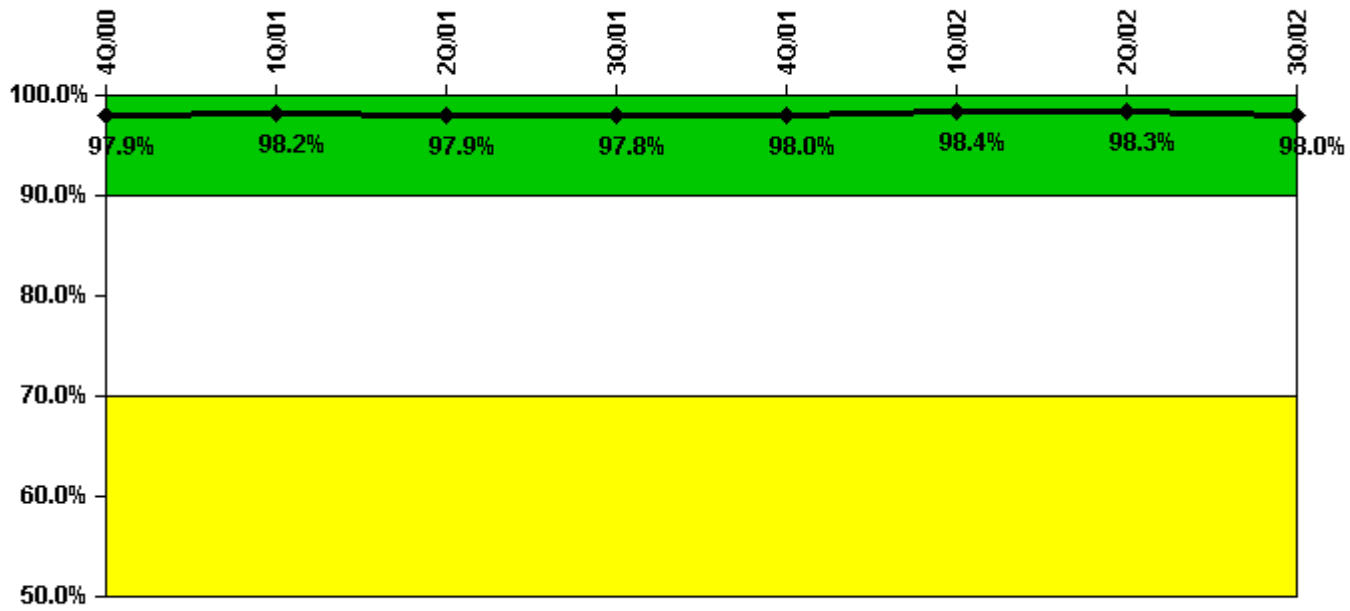


Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	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	0.090	0.120	0.190	0.110	0.130	0.190	0.150	0.130	0.130	0.180	0.170	0.250
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.9	1.2	1.9	1.1	1.3	1.9	1.5	1.3	1.3	1.8	1.7	2.5
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	0.130	0.170	0.220	0.100	0.320	0.170	0.260	0.190	0.250	0.210	0.170	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	1.3	1.7	2.2	1.0	3.2	1.7	2.6	1.9	2.5	2.1	1.7	1.5

Licensee Comments: none

Drill/Exercise Performance

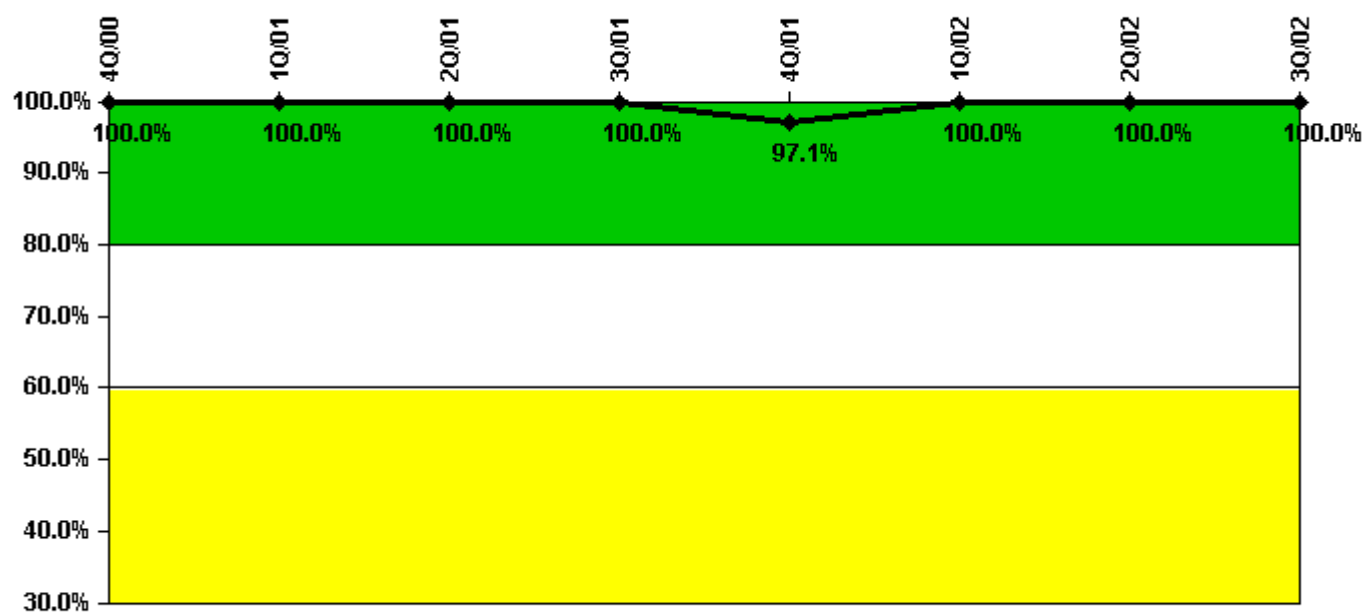
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Successful opportunities	10.0	71.0	56.0	41.0	40.0	46.0	38.0	39.0
Total opportunities	10.0	72.0	57.0	42.0	40.0	49.0	38.0	40.0
Indicator value	97.9%	98.2%	97.9%	97.8%	98.0%	98.4%	98.3%	98.0%

Licensee Comments: none

ERO Drill Participation



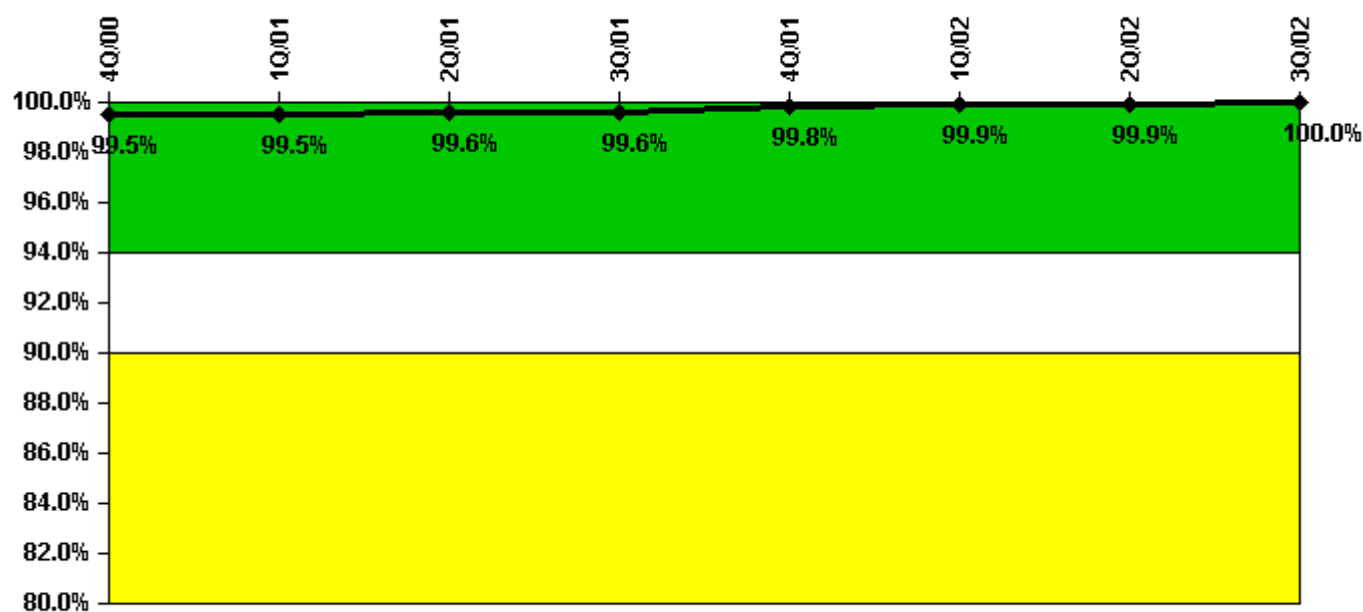
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Participating Key personnel	66.0	67.0	69.0	67.0	67.0	70.0	67.0	66.0
Total Key personnel	66.0	67.0	69.0	67.0	69.0	70.0	67.0	66.0
Indicator value	100.0%	100.0%	100.0%	100.0%	97.1%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



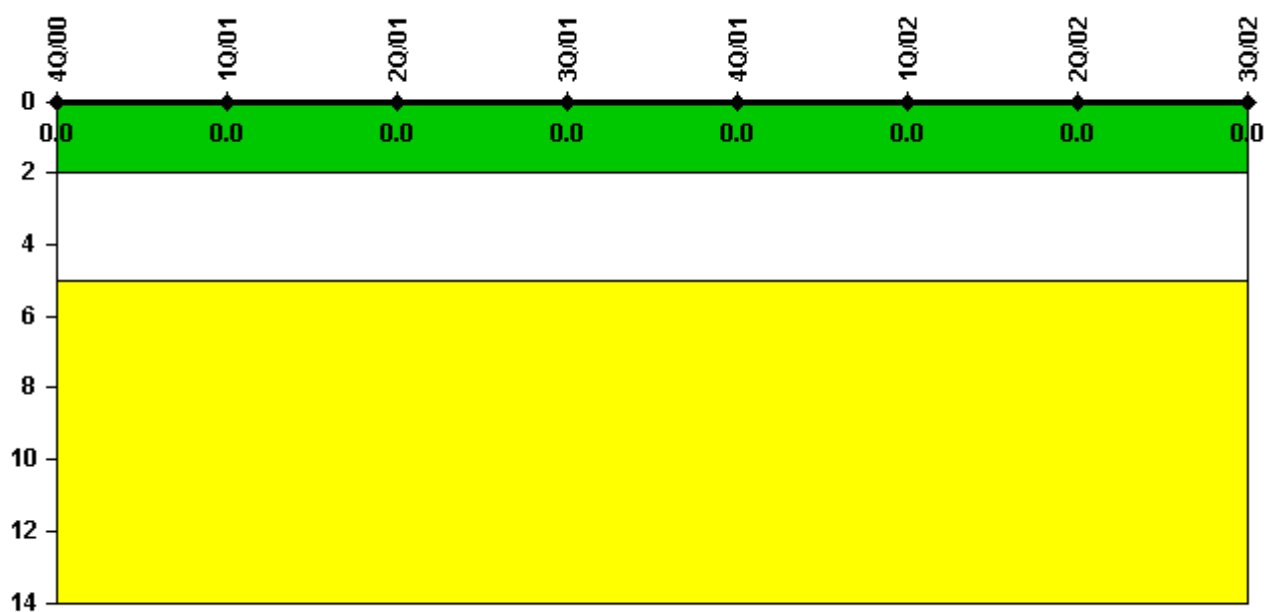
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Successful siren-tests	327	327	329	281	376	329	376	329
Total sirens-tests	329	329	329	282	376	329	376	329
Indicator value	99.5%	99.5%	99.6%	99.6%	99.8%	99.9%	99.9%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness

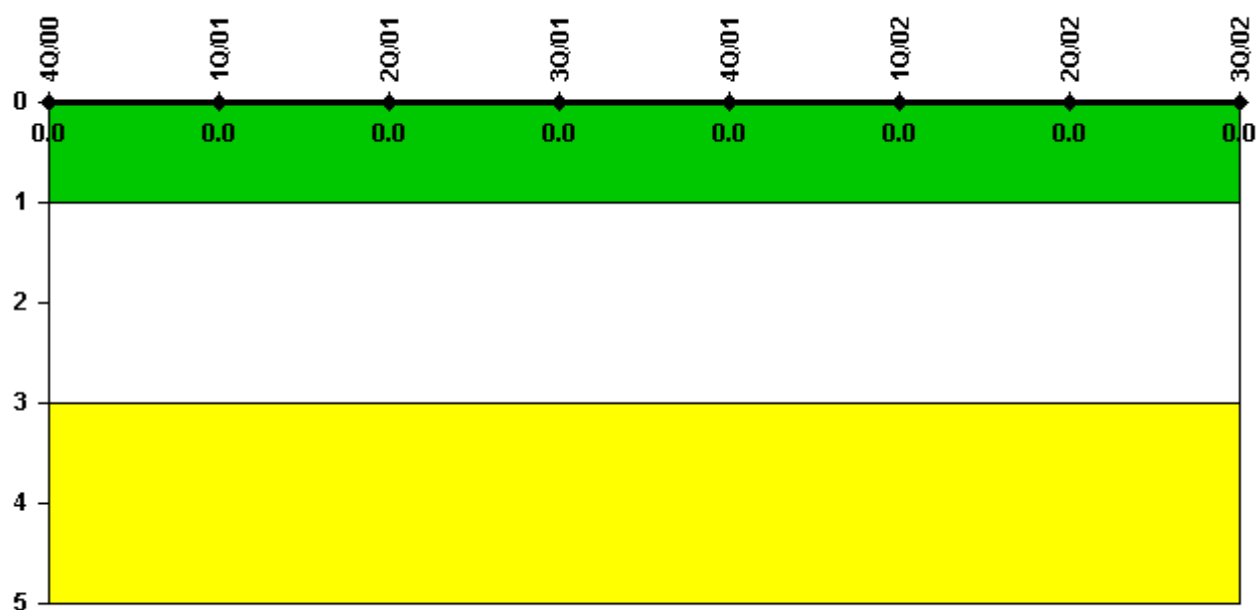


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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

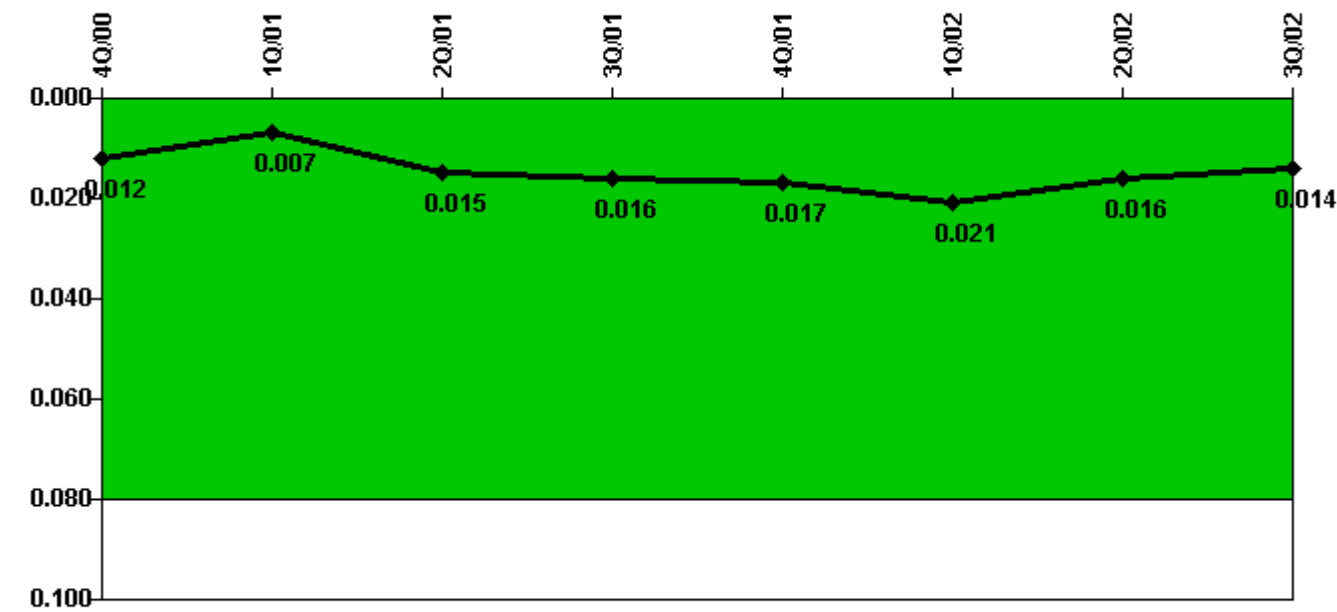
Thresholds: White > 1.0 Yellow > 3.0

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



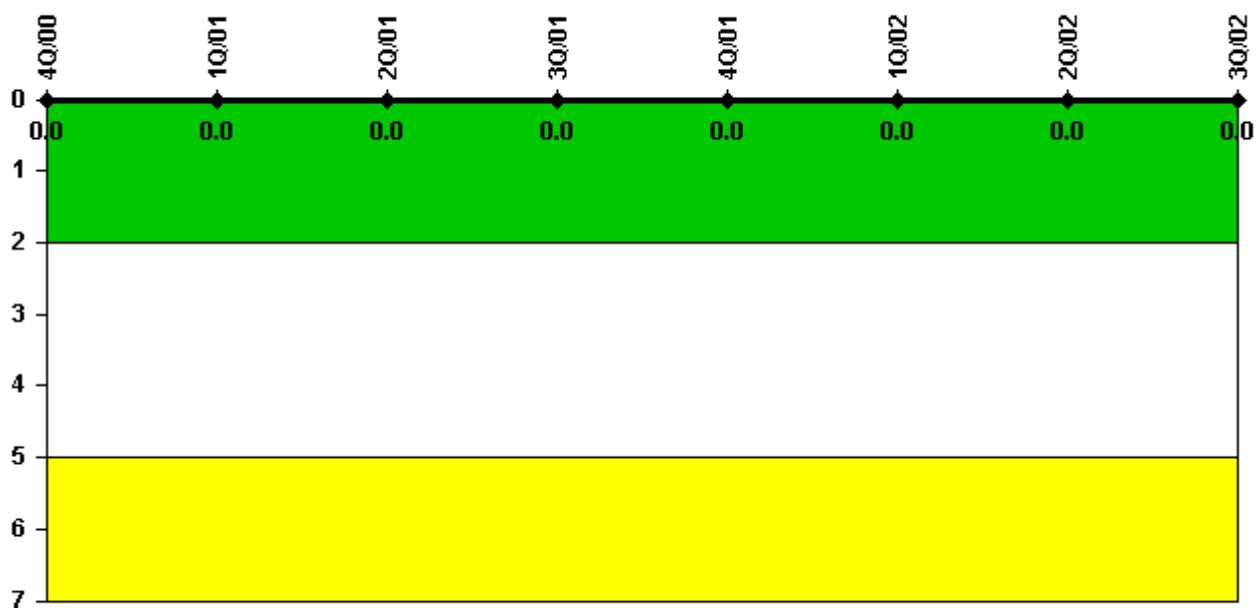
Thresholds: White > 0.080

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	79.90	13.40	311.80	108.60	148.00	156.70	122.20	40.70
CCTV compensatory hours	28.9	0	0	0	0	0	0	0
IDS normalization factor	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95
CCTV normalization factor	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
Index Value	0.012	0.007	0.015	0.016	0.017	0.021	0.016	0.014

Licensee Comments: none

Personnel Screening Program

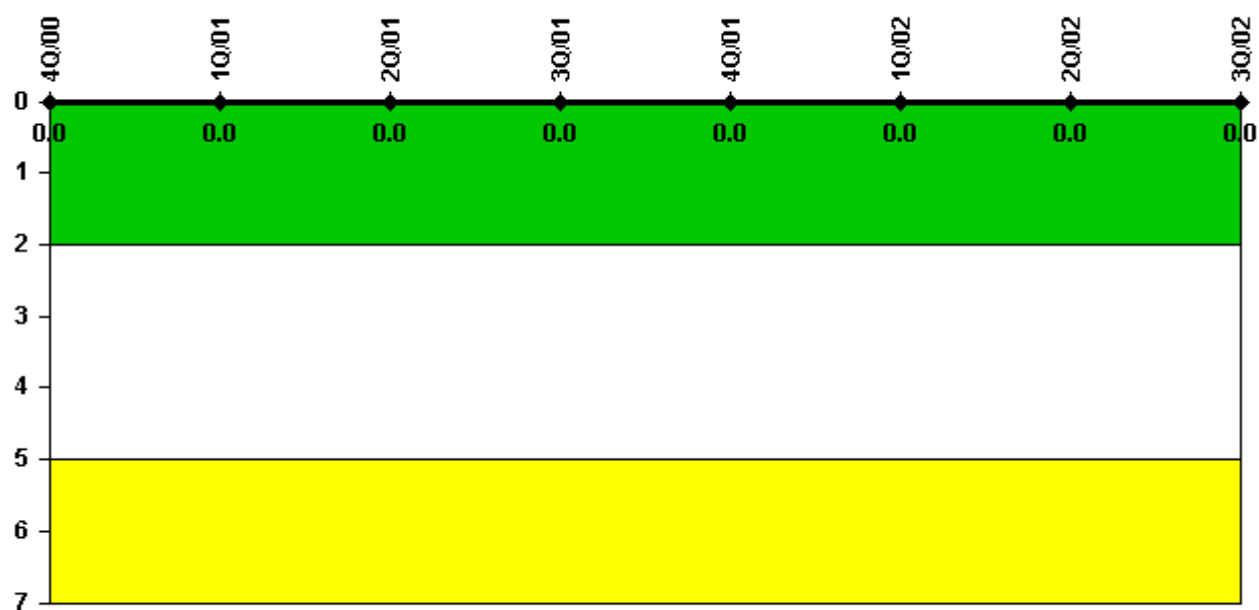


Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

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

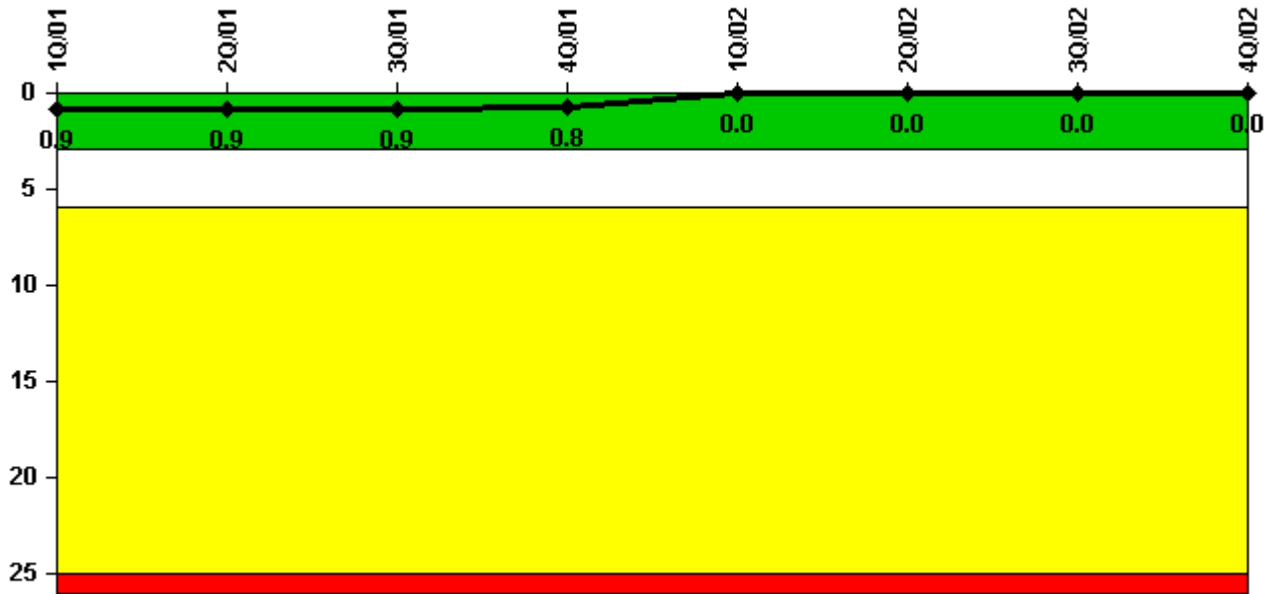
Last Modified: October 22, 2002

Turkey Point 4

4Q/2002 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



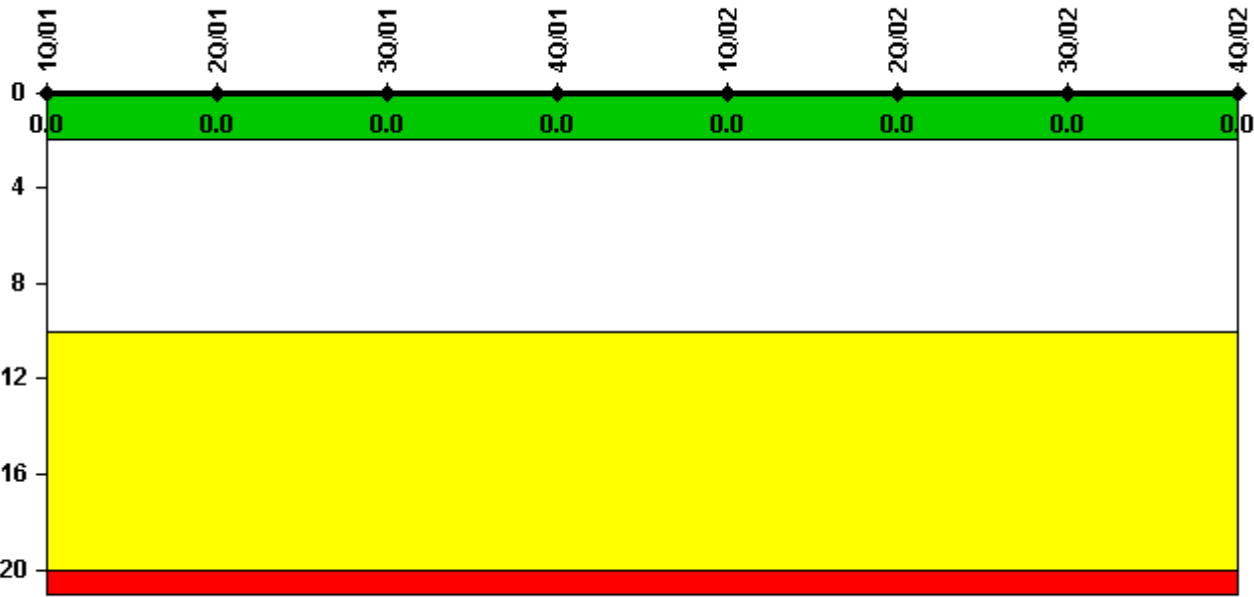
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0	0	0	0	0
Critical hours	2031.5	2183.0	2208.0	2209.0	1944.0	2032.2	2208.0	2209.0
Indicator value	0.9	0.9	0.9	0.8	0	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



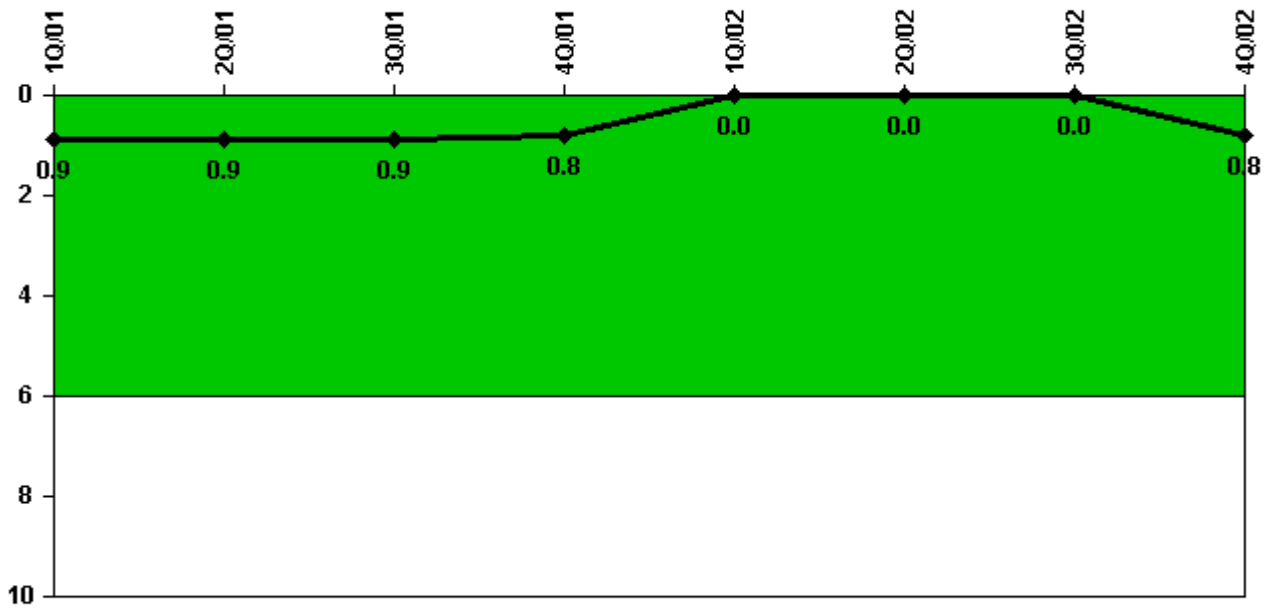
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



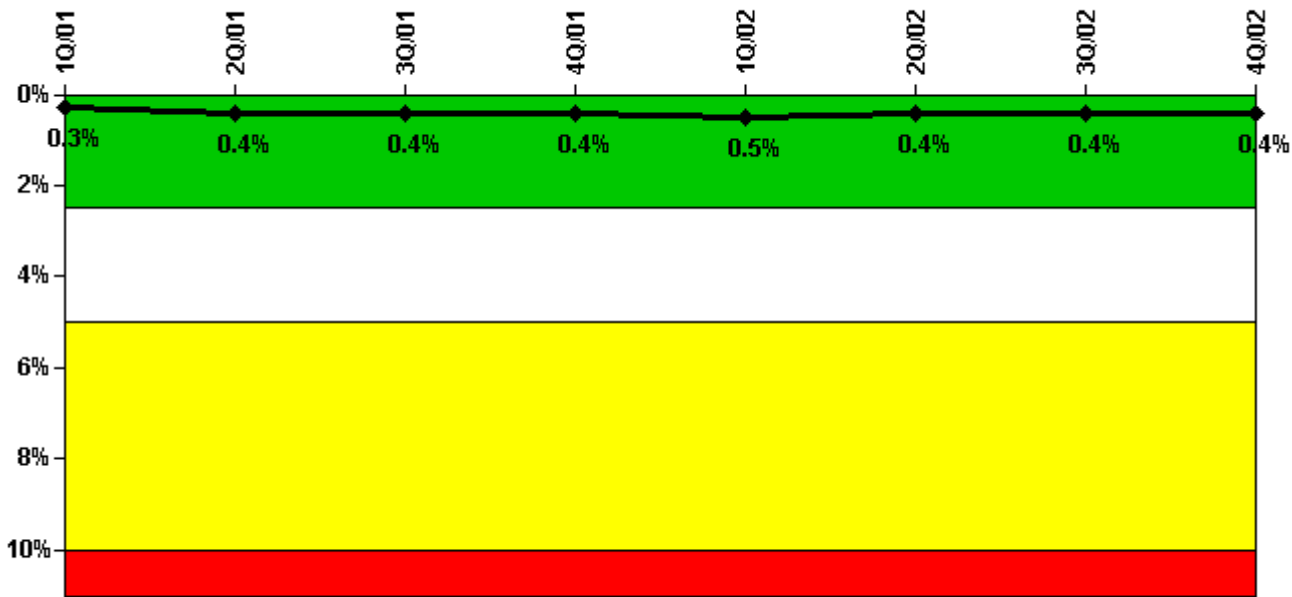
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Unplanned power changes	1.0	0	0	0	0	0	0	1.0
Critical hours	2031.5	2183.0	2208.0	2209.0	1944.0	2032.2	2208.0	2209.0
Indicator value	0.9	0.9	0.9	0.8	0	0	0	0.8

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



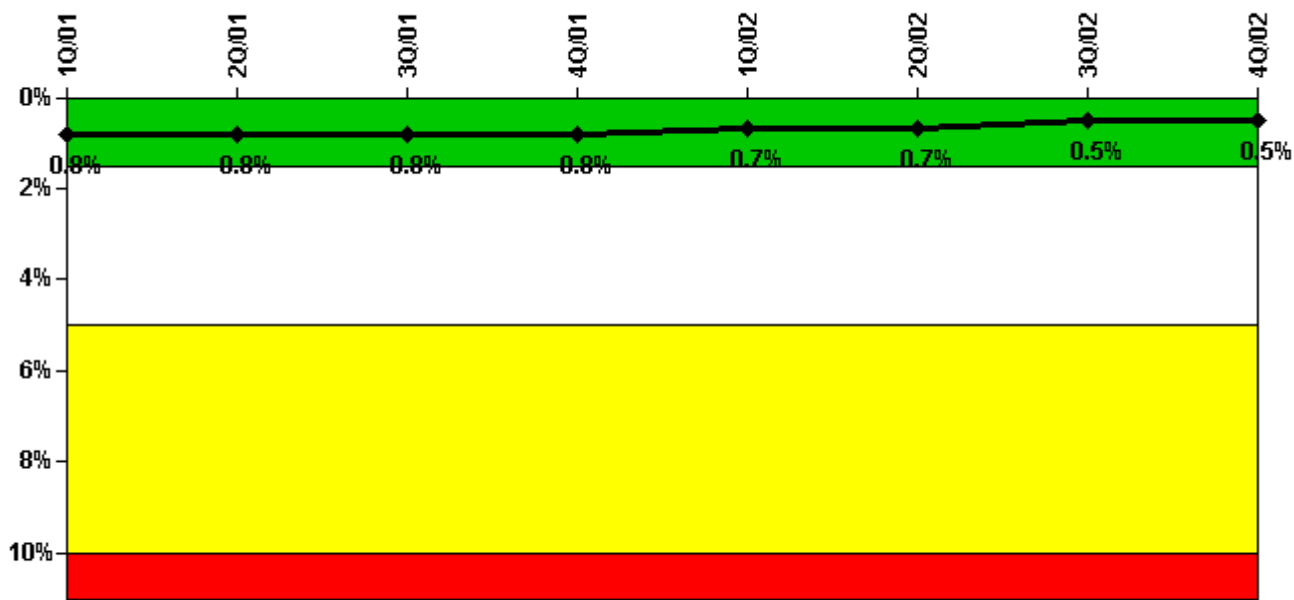
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Train 1								
Planned unavailable hours	4.00	2.40	30.20	4.00	2.90	2.40	0.80	3.20
Unplanned unavailable hours	0	13.00	0	0	9.10	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2056.80	2121.30	2208.00	2209.00
Train 2								
Planned unavailable hours	4.00	24.00	1.60	4.00	4.40	2.40	0.80	2.40
Unplanned unavailable hours	0	0	0.80	0.20	0	7.60	0	14.60
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2056.80	2121.30	2208.00	2209.00
Indicator value	0.3%	0.4%	0.4%	0.4%	0.5%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



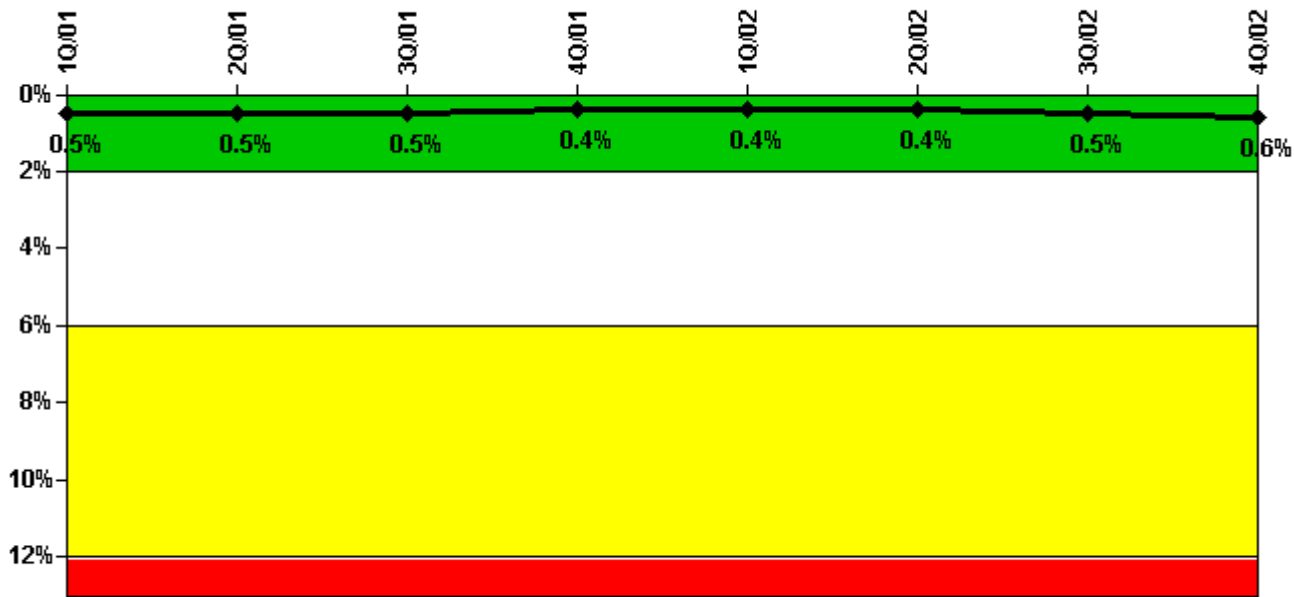
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Train 1								
Planned unavailable hours	10.50	1.00	0	0	15.10	0	1.90	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2046.50	2183.00	2208.00	2209.00	1949.20	2050.50	2208.00	2209.00
Train 2								
Planned unavailable hours	0	17.13	0	0	8.80	20.20	0	5.50
Unplanned unavailable hours	33.80	0	0	0	0	0	0	0
Fault exposure hours	22.20	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2046.50	2183.00	2208.00	2209.00	1949.20	2050.50	2208.00	2209.00
Indicator value	0.8%	0.8%	0.8%	0.8%	0.7%	0.7%	0.5%	0.5%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



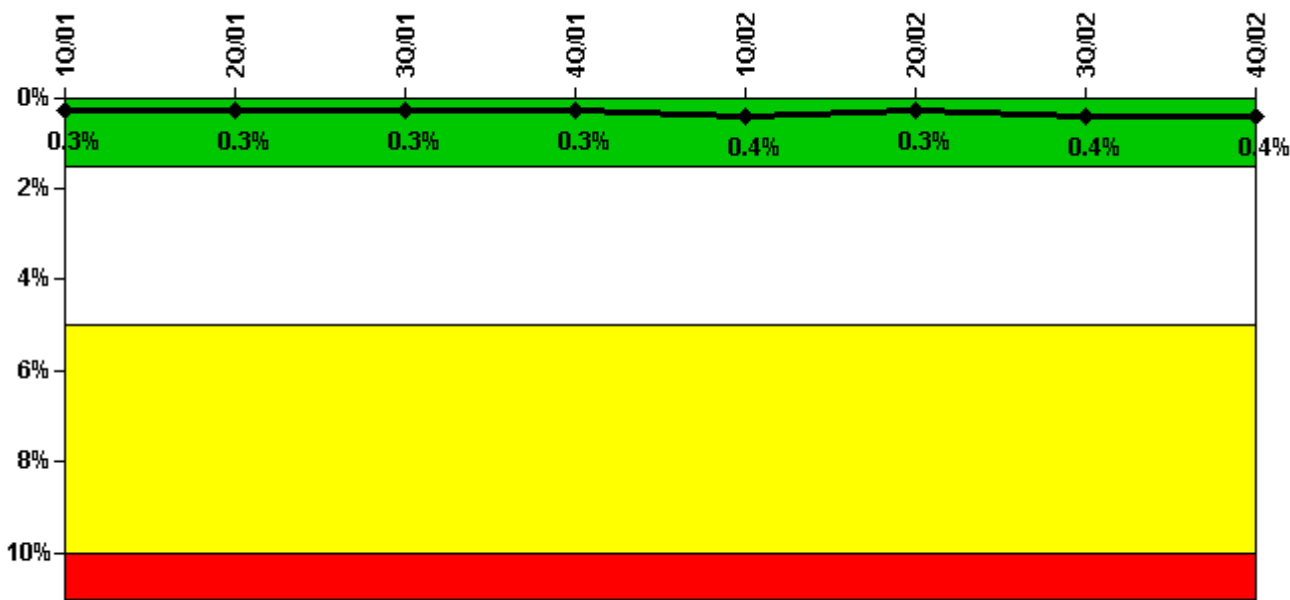
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Train 1								
Planned unavailable hours	0.40	3.20	1.30	1.30	0	11.80	8.00	21.60
Unplanned unavailable hours	0	0	0	0.50	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	2046.50	2183.00	2208.00	2209.00	1949.20	2050.50	2208.00	2209.00
Train 2								
Planned unavailable hours	7.50	0	1.60	1.00	0	0	54.00	42.70
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	2046.50	2183.00	2208.00	2209.00	1949.20	2050.50	2208.00	2209.00
Indicator value	0.5%	0.5%	0.5%	0.4%	0.4%	0.4%	0.5%	0.6%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



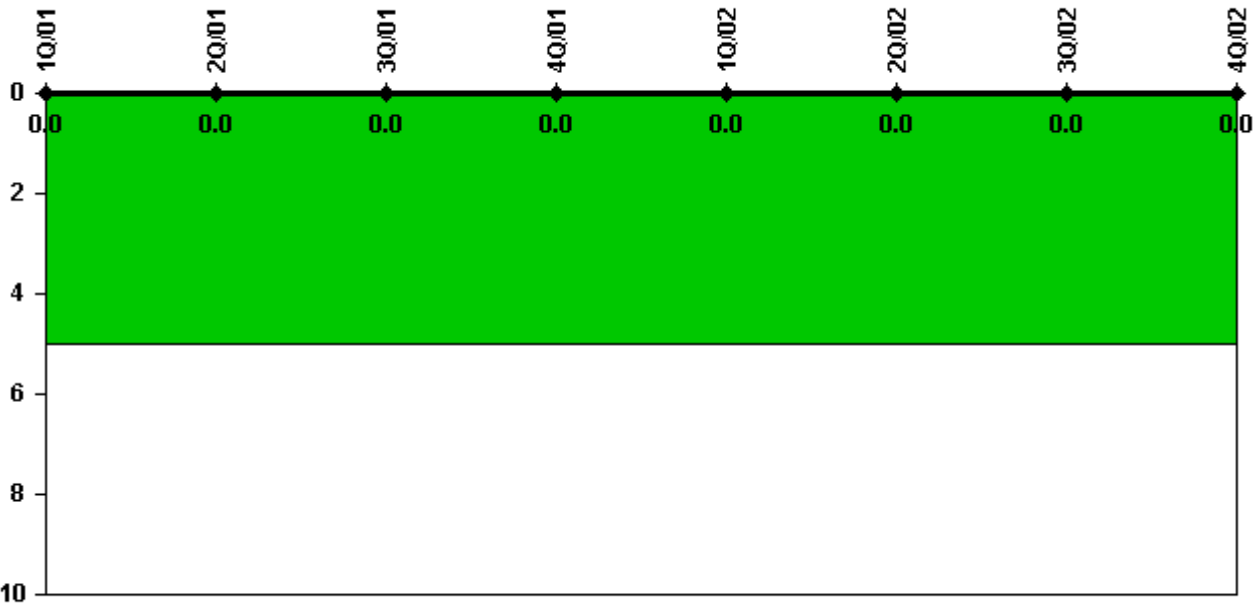
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

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	0.55	3.37	0.40	3.90	30.40	3.50	19.00	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	2160.00	2183.00	2208.00	2209.00	1980.00	2167.30	2208.00	2209.00
Train 2								
Planned unavailable hours	0.72	3.27	1.10	1.10	22.10	3.10	22.30	15.50
Unplanned unavailable hours	0	0	0	0	0	0.10	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	2160.00	2183.00	2208.00	2209.00	1980.00	2167.30	2208.00	2209.00
Indicator value	0.3%	0.3%	0.3%	0.3%	0.4%	0.3%	0.4%	0.4%

Licensee Comments: none

Safety System Functional Failures (PWR)



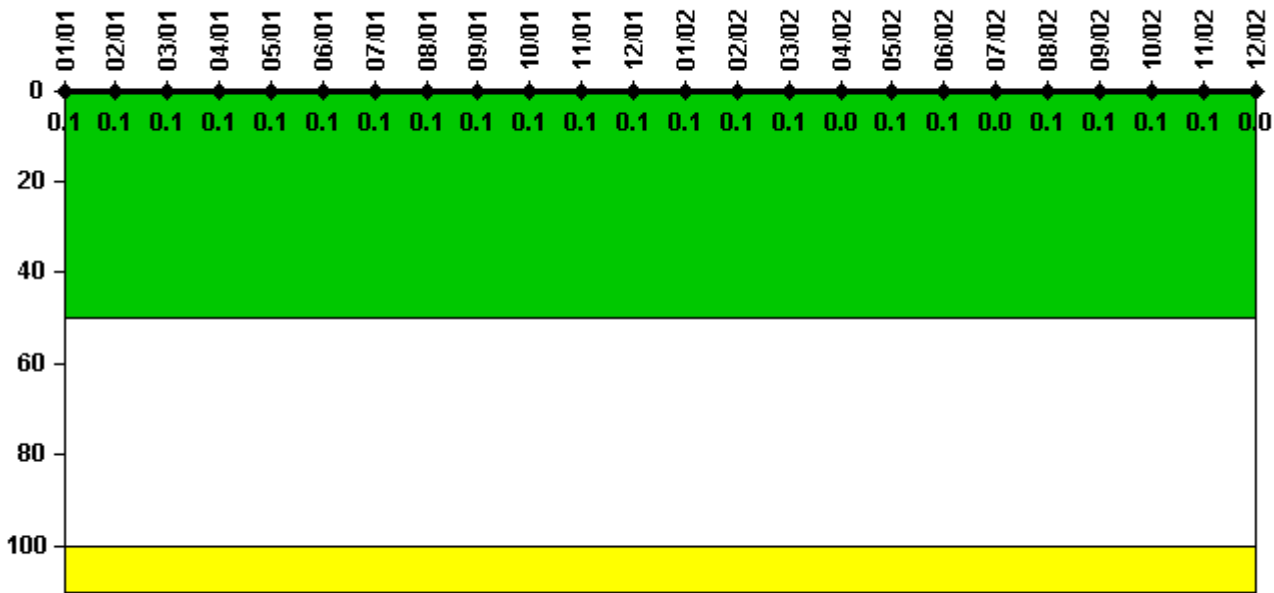
Thresholds: White > 5.0

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	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

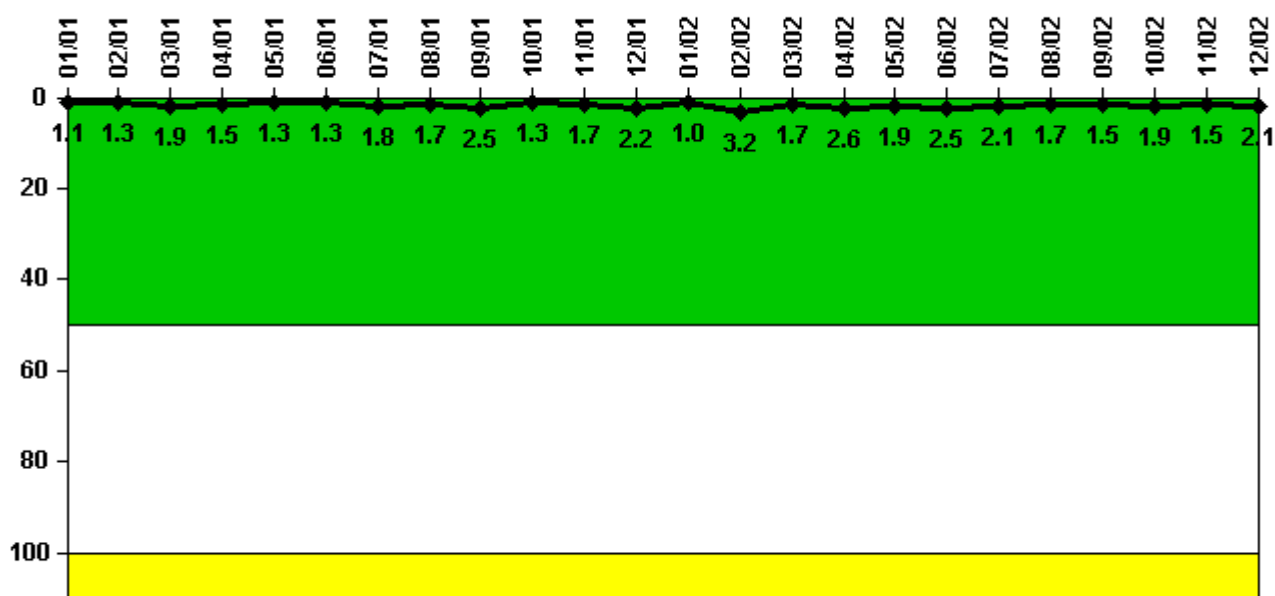
Notes

Reactor Coolant System Activity	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01
Maximum activity	0.000545	0.000572	0.000607	0.000736	0.000730	0.000764	0.000811	0.000791	0.000843	0.000900	0.000866	0.000993
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

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	0.001040	0.001020	0.001090	0.000438	0.000558	0.000854	0.000463	0.000519	0.000656	0.000530	0.000682	0.000391
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0	0.1	0.1	0	0.1	0.1	0.1	0.1	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

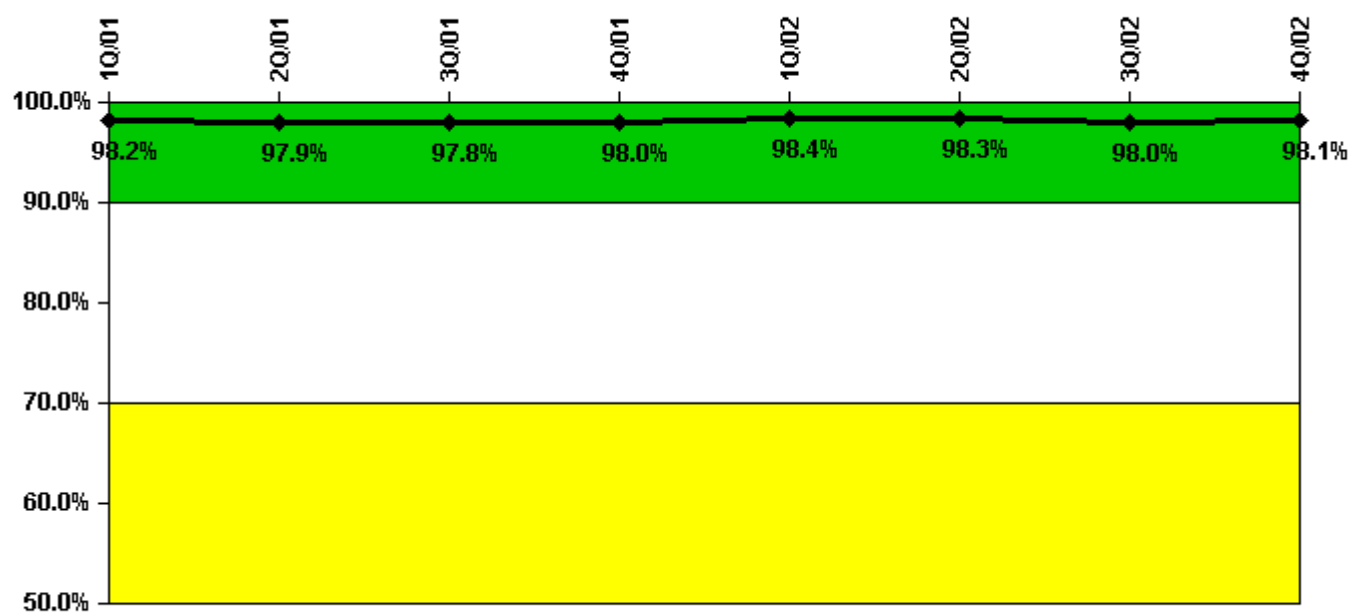
Notes

Reactor Coolant System Leakage	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01
Maximum leakage	0.110	0.130	0.190	0.150	0.130	0.130	0.180	0.170	0.250	0.130	0.170	0.220
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.1	1.3	1.9	1.5	1.3	1.3	1.8	1.7	2.5	1.3	1.7	2.2

Reactor Coolant System Leakage	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02
Maximum leakage	0.100	0.320	0.170	0.260	0.190	0.250	0.210	0.170	0.150	0.190	0.150	0.210
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	1.0	3.2	1.7	2.6	1.9	2.5	2.1	1.7	1.5	1.9	1.5	2.1

Licensee Comments: none

Drill/Exercise Performance



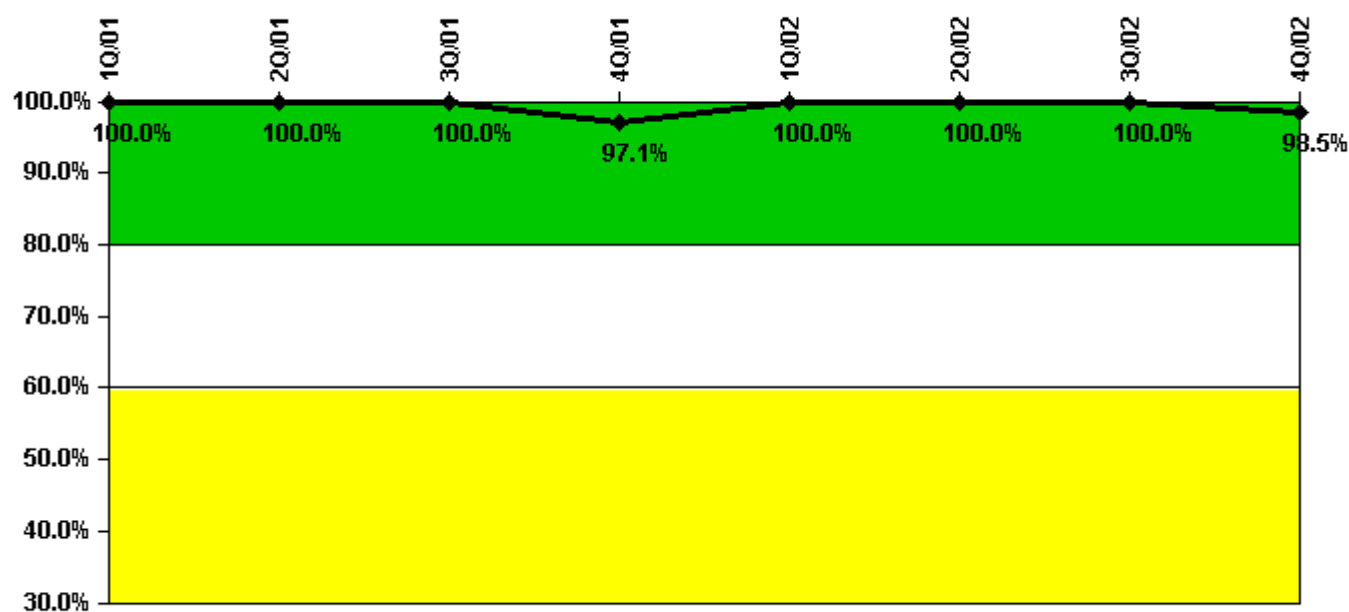
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Successful opportunities	71.0	56.0	41.0	40.0	46.0	38.0	39.0	37.0
Total opportunities	72.0	57.0	42.0	40.0	49.0	38.0	40.0	37.0
Indicator value	98.2%	97.9%	97.8%	98.0%	98.4%	98.3%	98.0%	98.1%

Licensee Comments: none

ERO Drill Participation



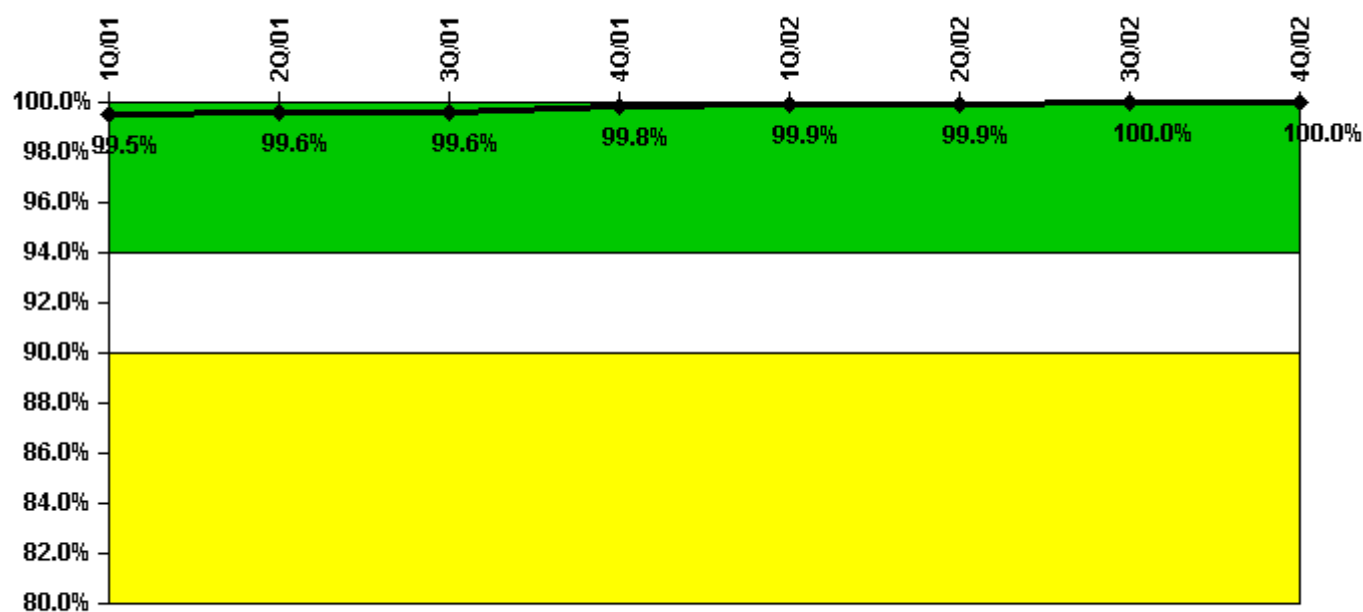
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Participating Key personnel	67.0	69.0	67.0	67.0	70.0	67.0	66.0	65.0
Total Key personnel	67.0	69.0	67.0	69.0	70.0	67.0	66.0	66.0
Indicator value	100.0%	100.0%	100.0%	97.1%	100.0%	100.0%	100.0%	98.5%

Licensee Comments: none

Alert & Notification System



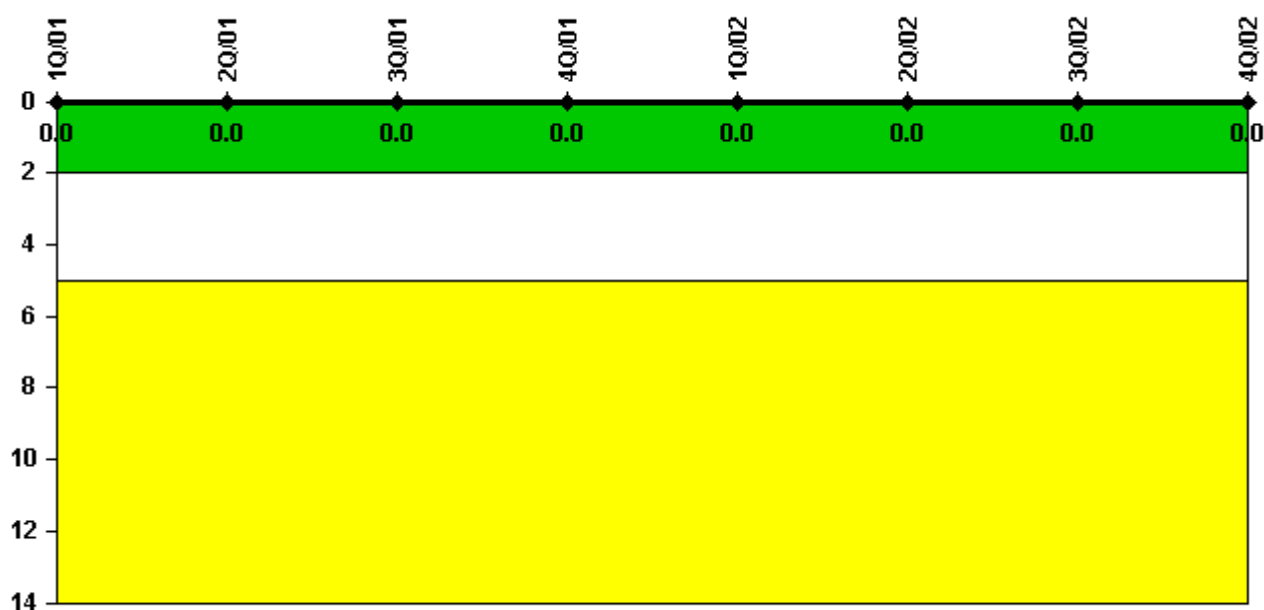
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Successful siren-tests	327	329	281	376	329	376	329	376
Total sirens-tests	329	329	282	376	329	376	329	376
Indicator value	99.5%	99.6%	99.6%	99.8%	99.9%	99.9%	100.0%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



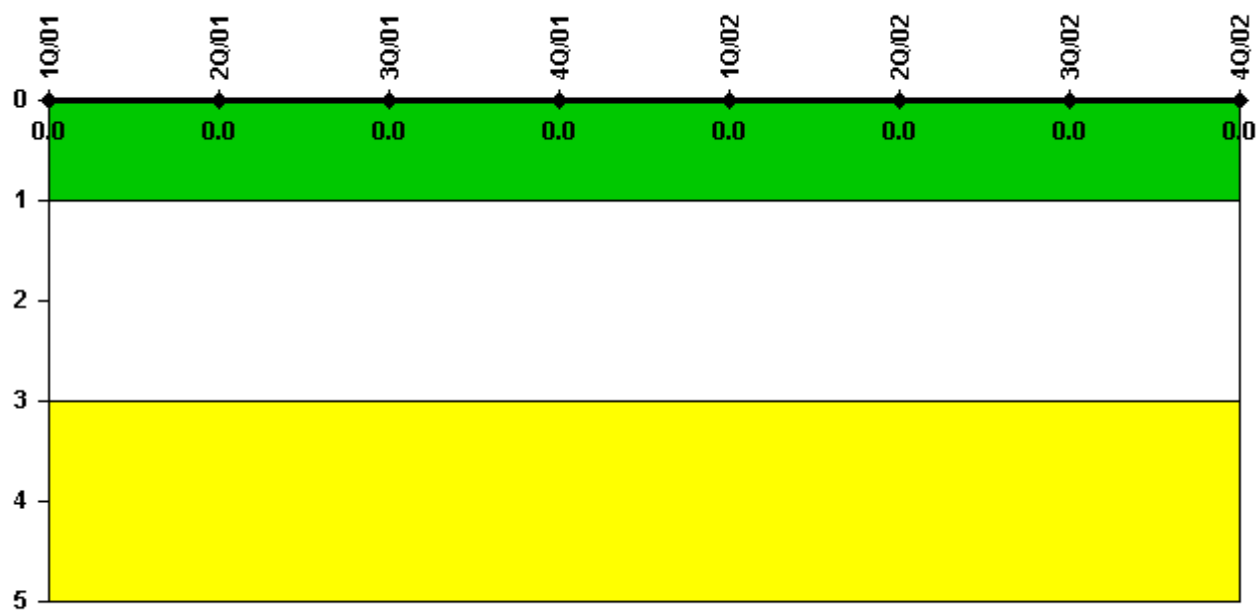
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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:

4Q/02: On 11/12/02, a procedural violation of a very high radiation area posting occurred, when an operator was stationed in the airlock with the outer airlock door closed and the inner airlock door open. The HP technician outside the outer airlock door was unable to gain access to the airlock under these conditions. This was treated as a violation of a very high radiation area posting due to the HP technician's inability to positively control the activities of the operator in the airlock. However, at no time were any personnel able to gain authorized or inadvertent access to areas in which radiation levels could be encountered at the 10CFR20.1602 limits. A FAQ was submitted on 12/17/02 for clarification as to whether or not the event will be considered a high radiation area occurrence for the quarter.

RETS/ODCM Radiological Effluent

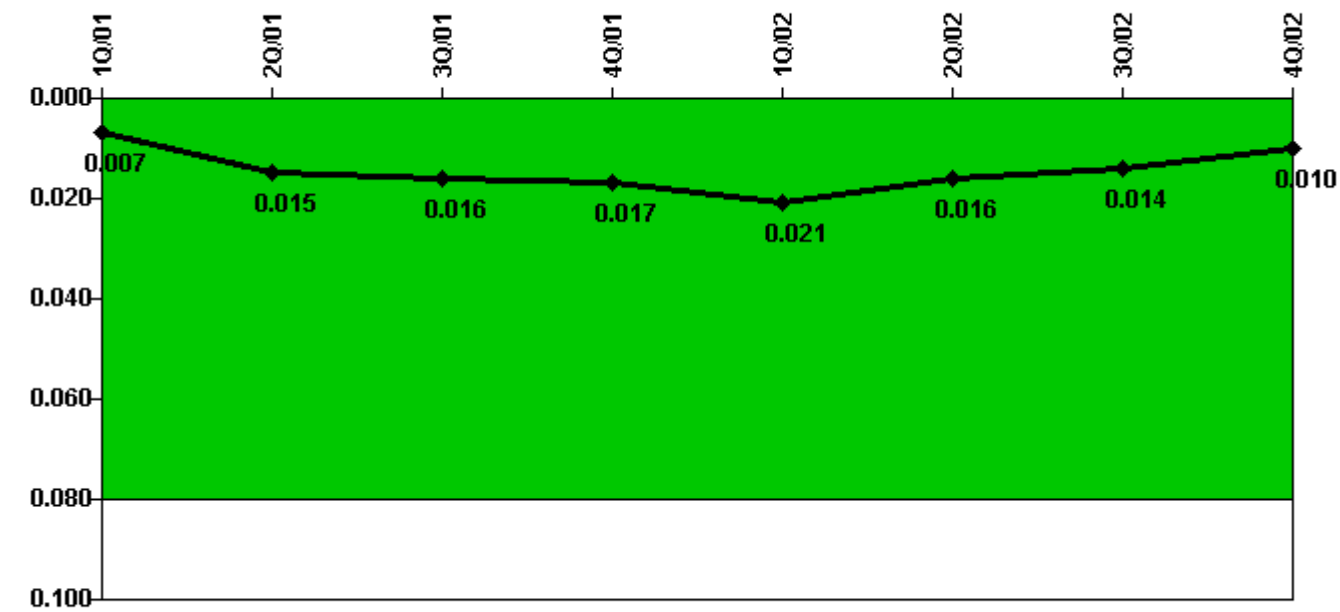
Thresholds: White > 1.0 Yellow > 3.0

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

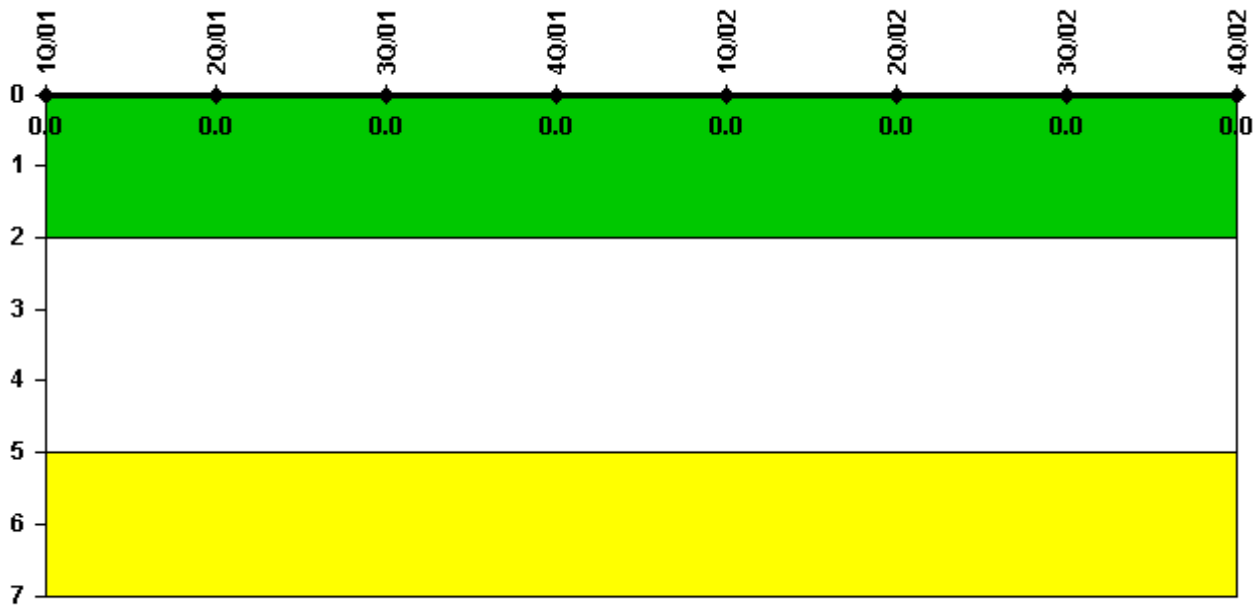
Notes

Protected Area Security Performance Index	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
IDS compensatory hours	13.40	311.80	108.60	148.00	156.70	122.20	40.70	10.50
CCTV compensatory hours	0	0	0	0	0	0	0	0
IDS normalization factor	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95
CCTV normalization factor	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
Index Value	0.007	0.015	0.016	0.017	0.021	0.016	0.014	0.010

Licensee Comments: none



Personnel Screening Program

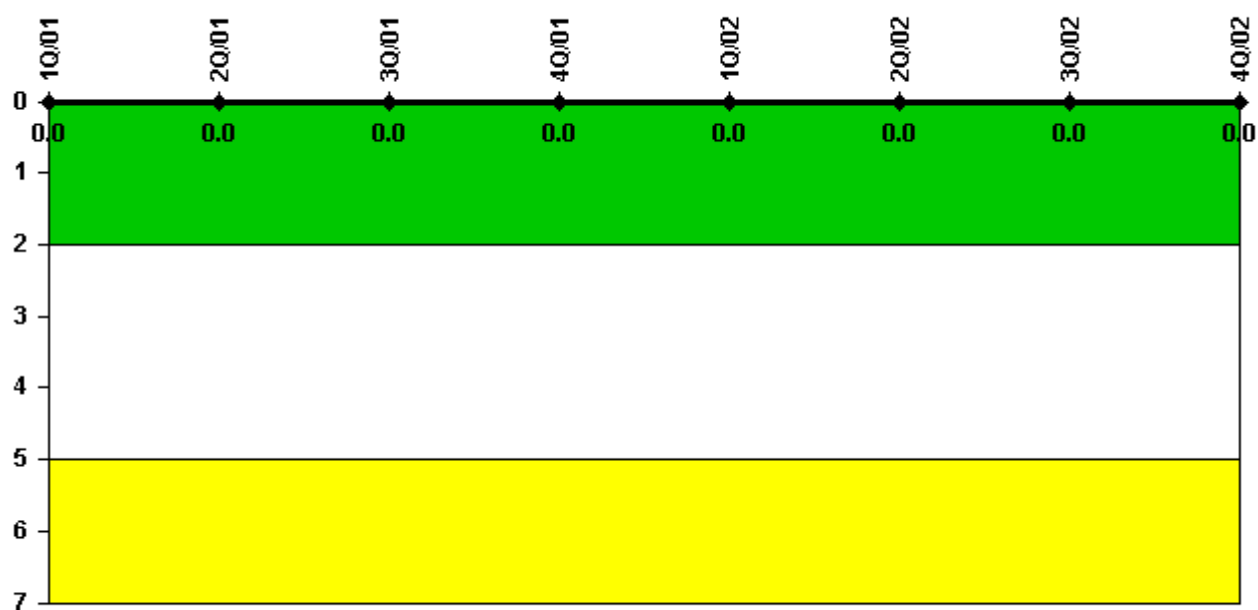


Thresholds: White > 2.0 Yellow > 5.0

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](#)

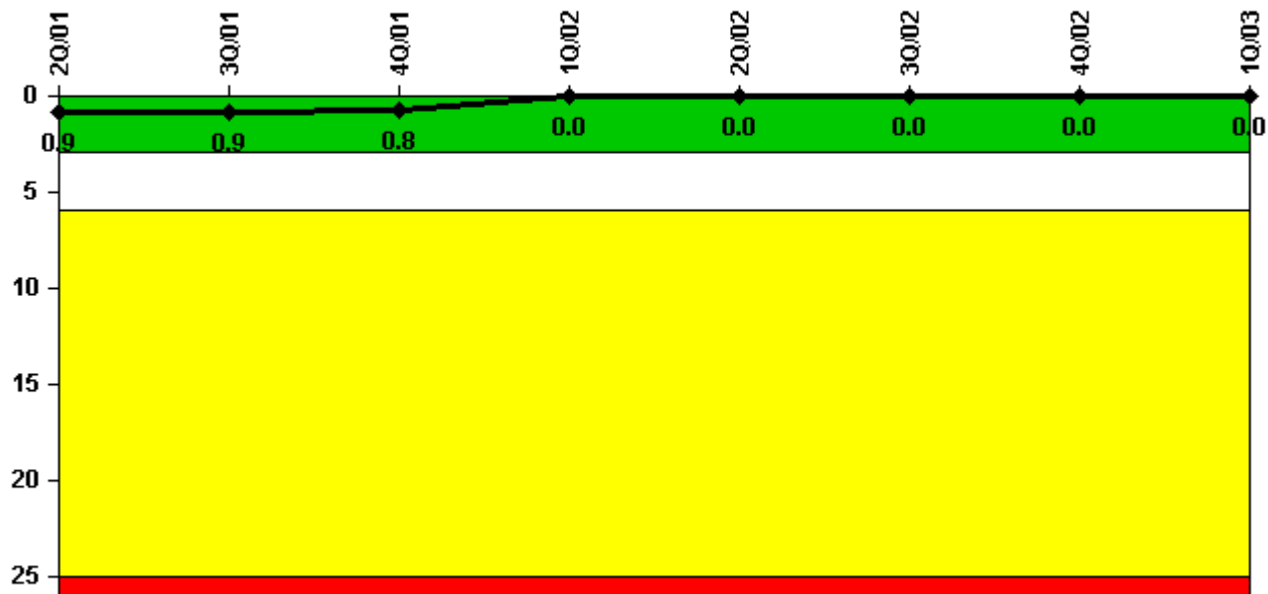
Last Modified: January 30, 2003

Turkey Point 4

1Q/2003 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2183.0	2208.0	2209.0	1944.0	2032.2	2208.0	2209.0	2160.0
Indicator value	0.9	0.9	0.8	0	0	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



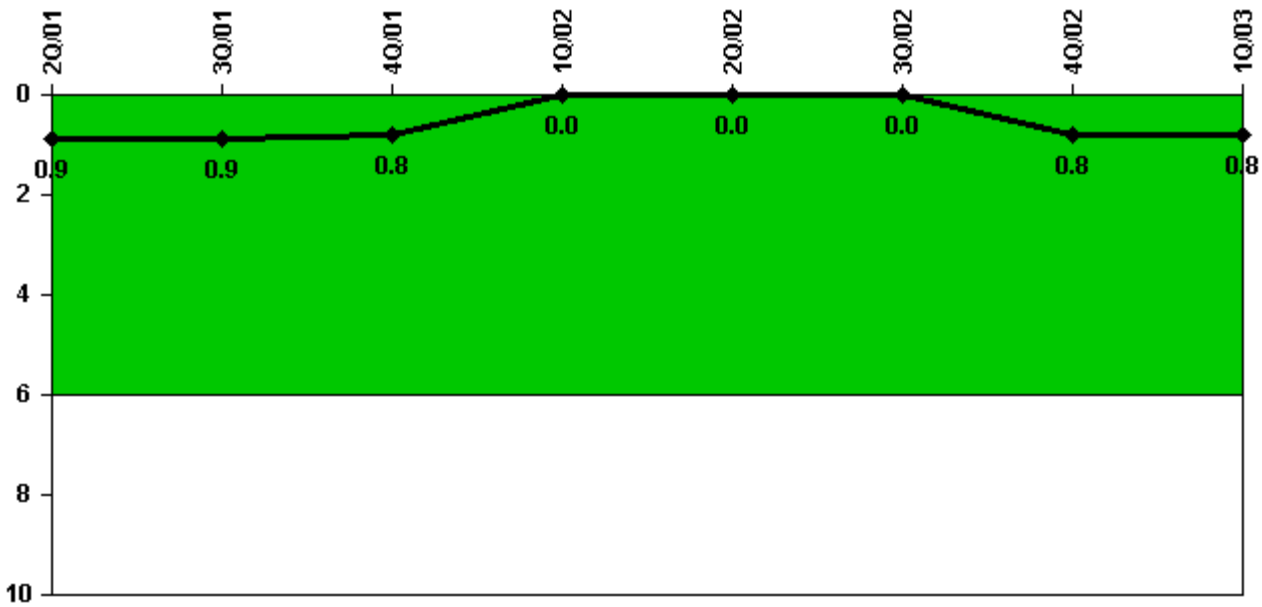
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



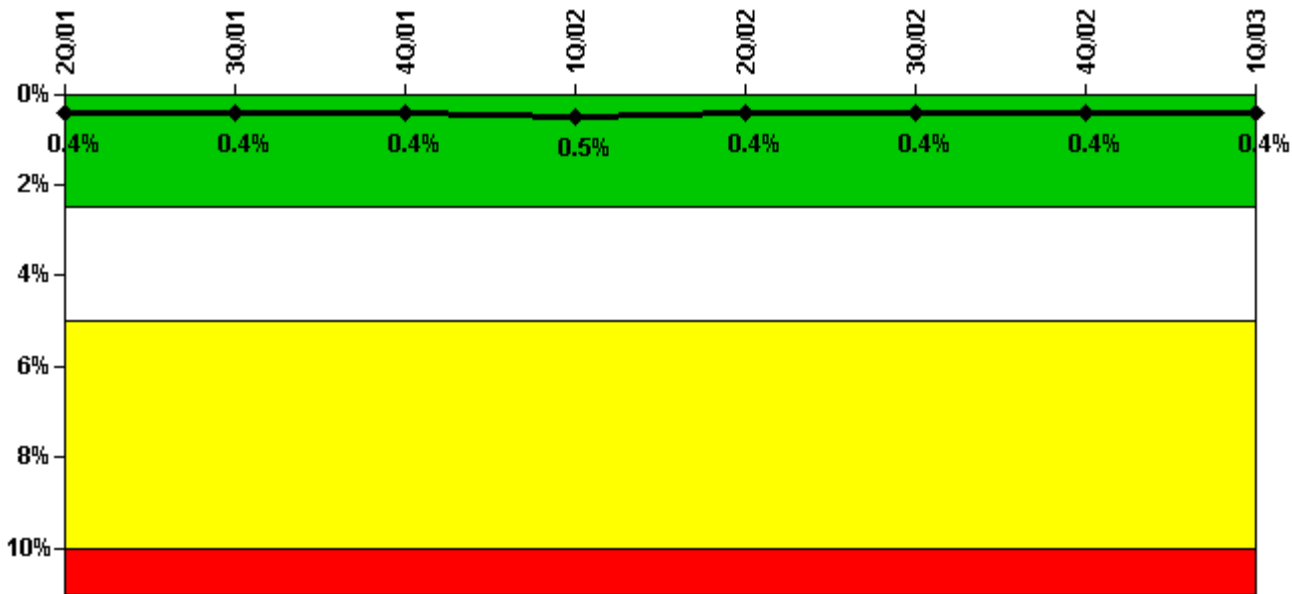
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Unplanned power changes	0	0	0	0	0	0	1.0	0
Critical hours	2183.0	2208.0	2209.0	1944.0	2032.2	2208.0	2209.0	2160.0
Indicator value	0.9	0.9	0.8	0	0	0	0.8	0.8

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



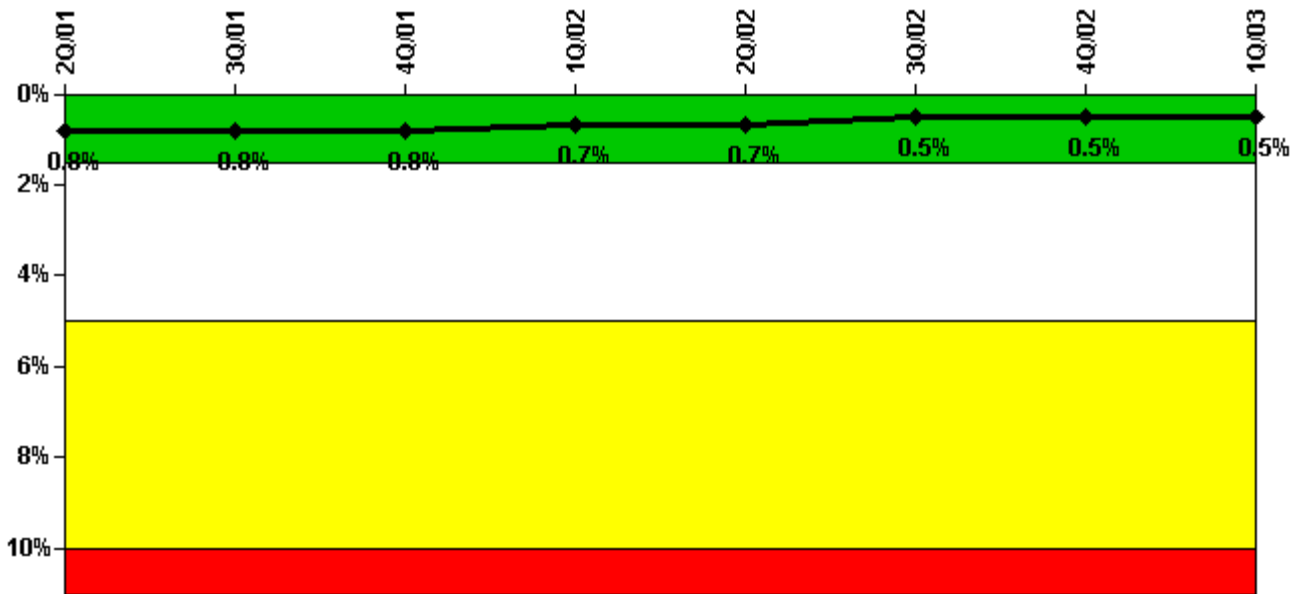
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Train 1								
Planned unavailable hours	2.40	30.20	4.00	2.90	2.40	0.80	3.20	1.60
Unplanned unavailable hours	13.00	0	0	9.10	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2056.80	2121.30	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	24.00	1.60	4.00	4.40	2.40	0.80	2.40	1.60
Unplanned unavailable hours	0	0.80	0.20	0	7.60	0	14.60	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2056.80	2121.30	2208.00	2209.00	2160.00
Indicator value	0.4%	0.4%	0.4%	0.5%	0.4%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



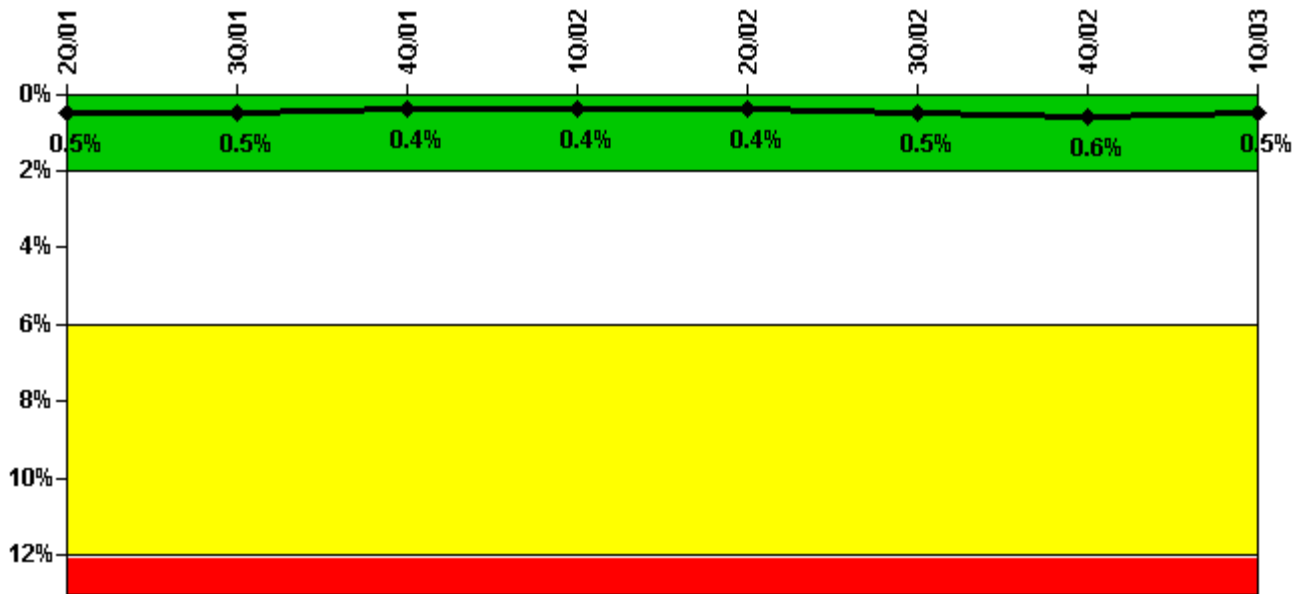
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Train 1								
Planned unavailable hours	1.00	0	0	15.10	0	1.90	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	1949.20	2050.50	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	17.13	0	0	8.80	20.20	0	5.50	13.00
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	2183.00	2208.00	2209.00	1949.20	2050.50	2208.00	2209.00	2160.00
Indicator value	0.8%	0.8%	0.8%	0.7%	0.7%	0.5%	0.5%	0.5%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



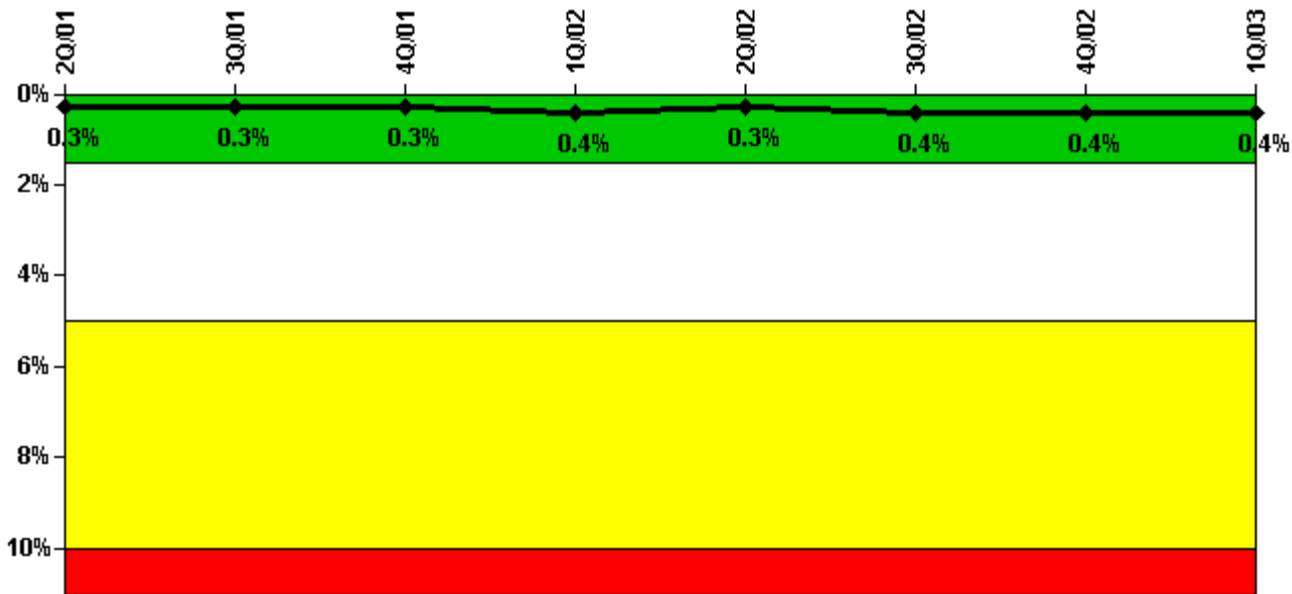
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Train 1								
Planned unavailable hours	3.20	1.30	1.30	0	11.80	8.00	21.60	0
Unplanned unavailable hours	0	0	0.50	0	0	0	6.90	11.20
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	1949.20	2050.50	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	0	1.60	1.00	0	0	54.00	42.70	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	1949.20	2050.50	2208.00	2209.00	2160.00
Indicator value	0.5%	0.5%	0.4%	0.4%	0.4%	0.5%	0.6%	0.5%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



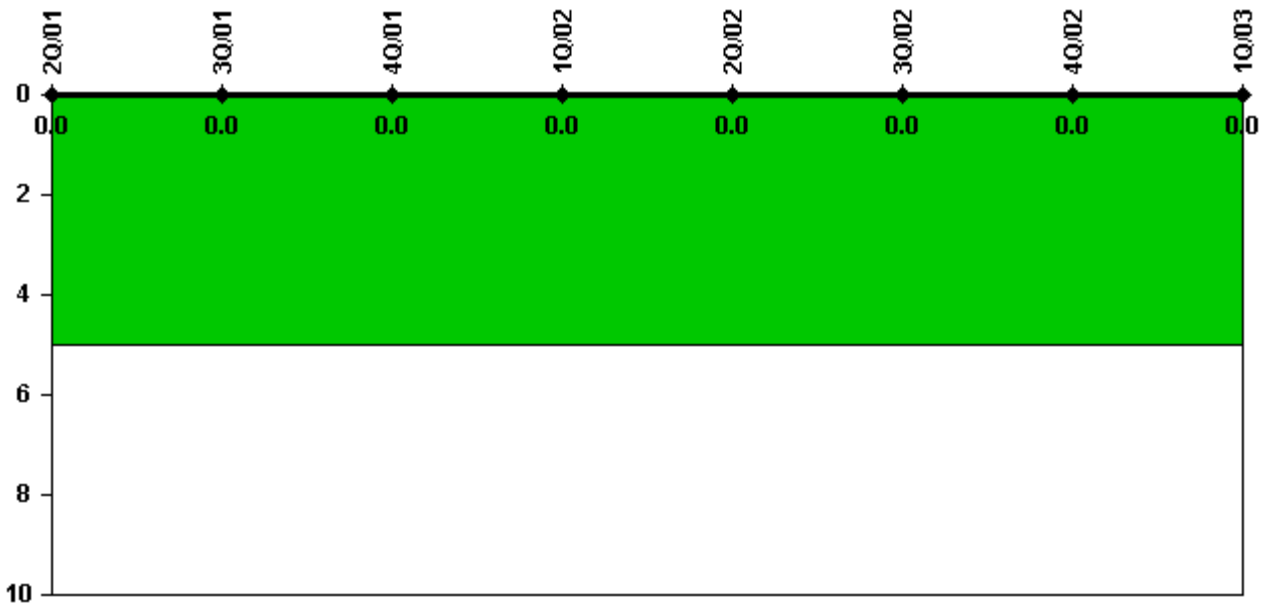
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Train 1								
Planned unavailable hours	3.37	0.40	3.90	30.40	3.50	19.00	1.90	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	2183.00	2208.00	2209.00	1980.00	2167.30	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	3.27	1.10	1.10	22.10	3.10	22.30	15.50	1.60
Unplanned unavailable hours	0	0	0	0	0.10	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	1980.00	2167.30	2208.00	2209.00	2160.00
Indicator value	0.3%	0.3%	0.3%	0.4%	0.3%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Functional Failures (PWR)



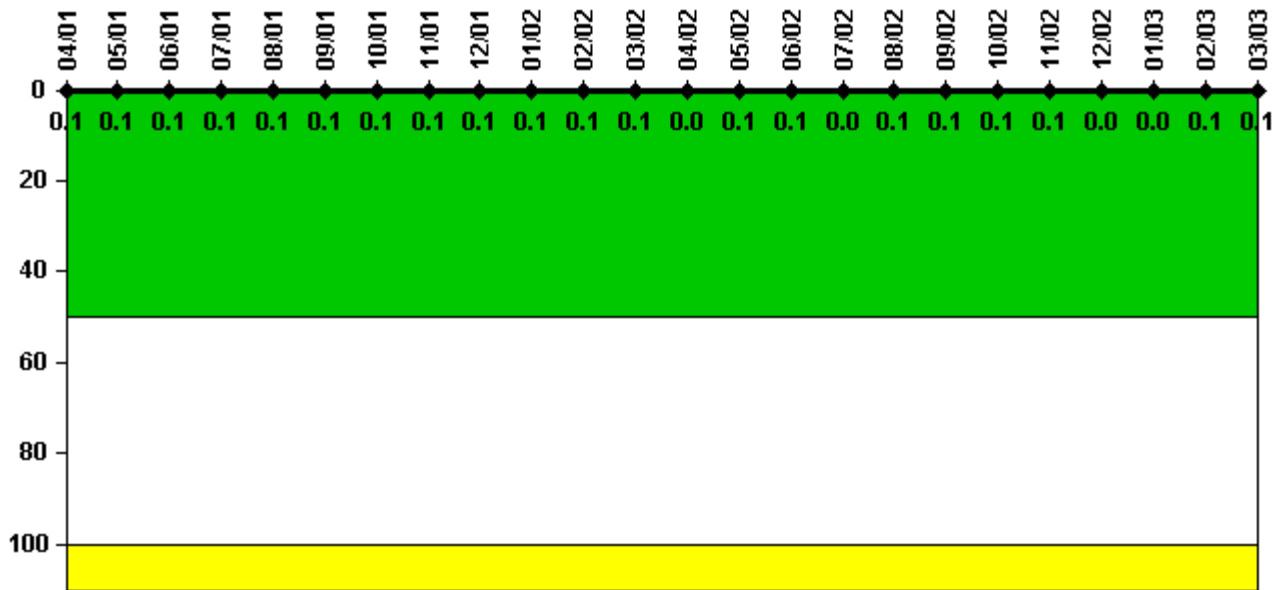
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

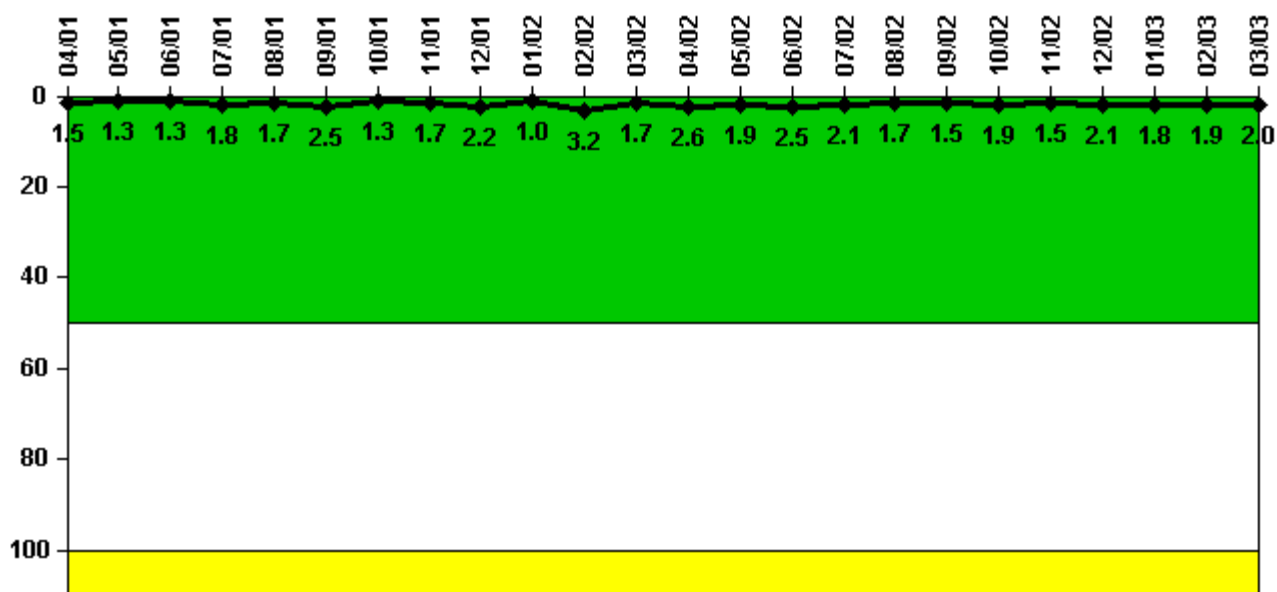
Notes

Reactor Coolant System Activity	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02
Maximum activity	0.000736	0.000730	0.000764	0.000811	0.000791	0.000843	0.000900	0.000866	0.000993	0.001040	0.001020	0.001090
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

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	0.000438	0.000558	0.000854	0.000463	0.000519	0.000656	0.000530	0.000682	0.000391	0.000424	0.000780	0.000565
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0.1	0.1	0	0.1	0.1	0.1	0.1	0	0	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

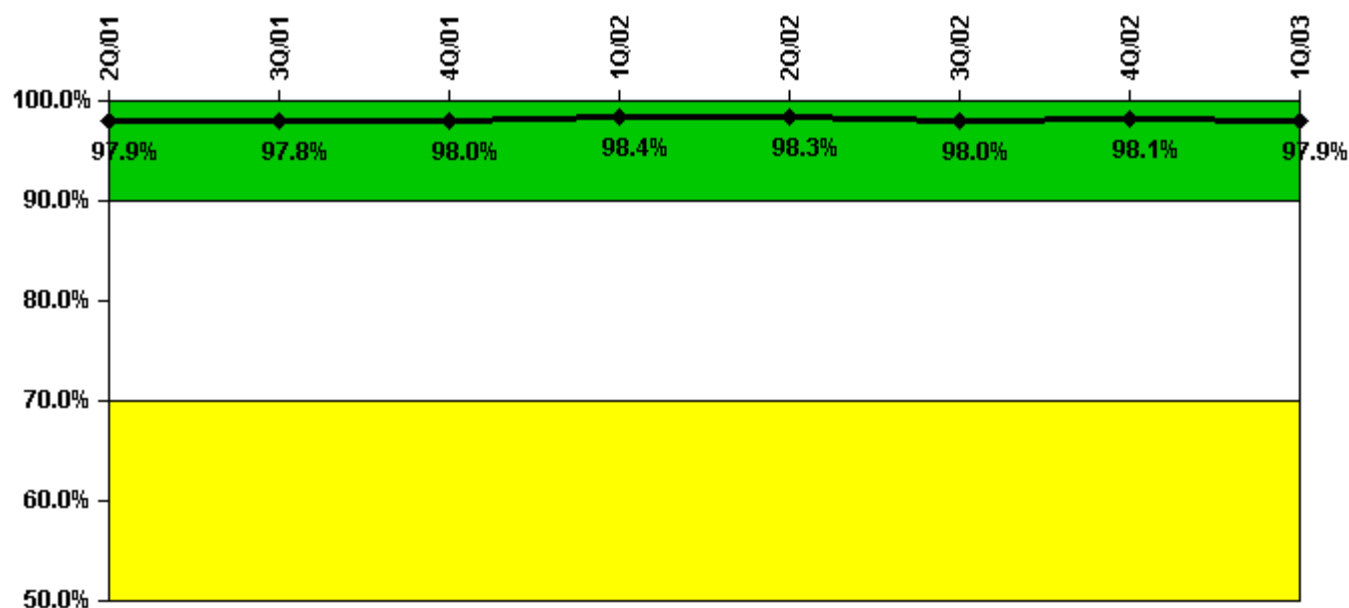
Notes

Reactor Coolant System Leakage	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	0.150	0.130	0.130	0.180	0.170	0.250	0.130	0.170	0.220	0.100	0.320	0.170
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.5	1.3	1.3	1.8	1.7	2.5	1.3	1.7	2.2	1.0	3.2	1.7

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	0.260	0.190	0.250	0.210	0.170	0.150	0.190	0.150	0.210	0.180	0.190	0.200
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.6	1.9	2.5	2.1	1.7	1.5	1.9	1.5	2.1	1.8	1.9	2.0

Licensee Comments: none

Drill/Exercise Performance



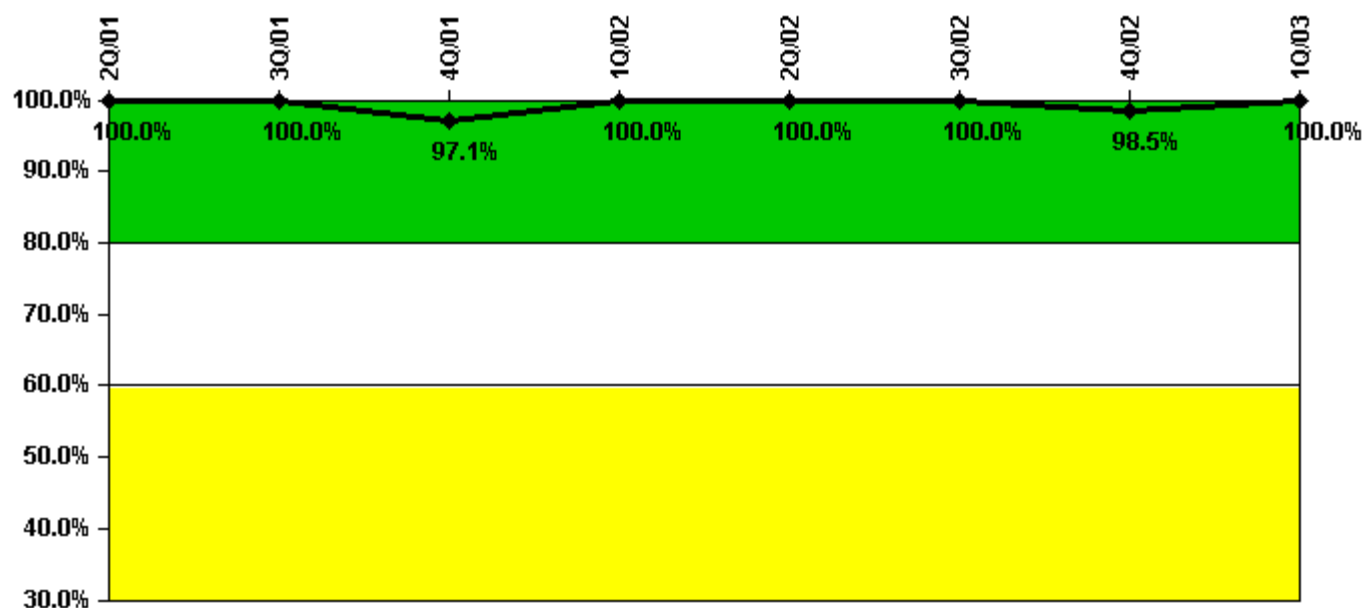
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Successful opportunities	56.0	41.0	40.0	46.0	38.0	39.0	37.0	68.0
Total opportunities	57.0	42.0	40.0	49.0	38.0	40.0	37.0	70.0
Indicator value	97.9%	97.8%	98.0%	98.4%	98.3%	98.0%	98.1%	97.9%

Licensee Comments: none

ERO Drill Participation



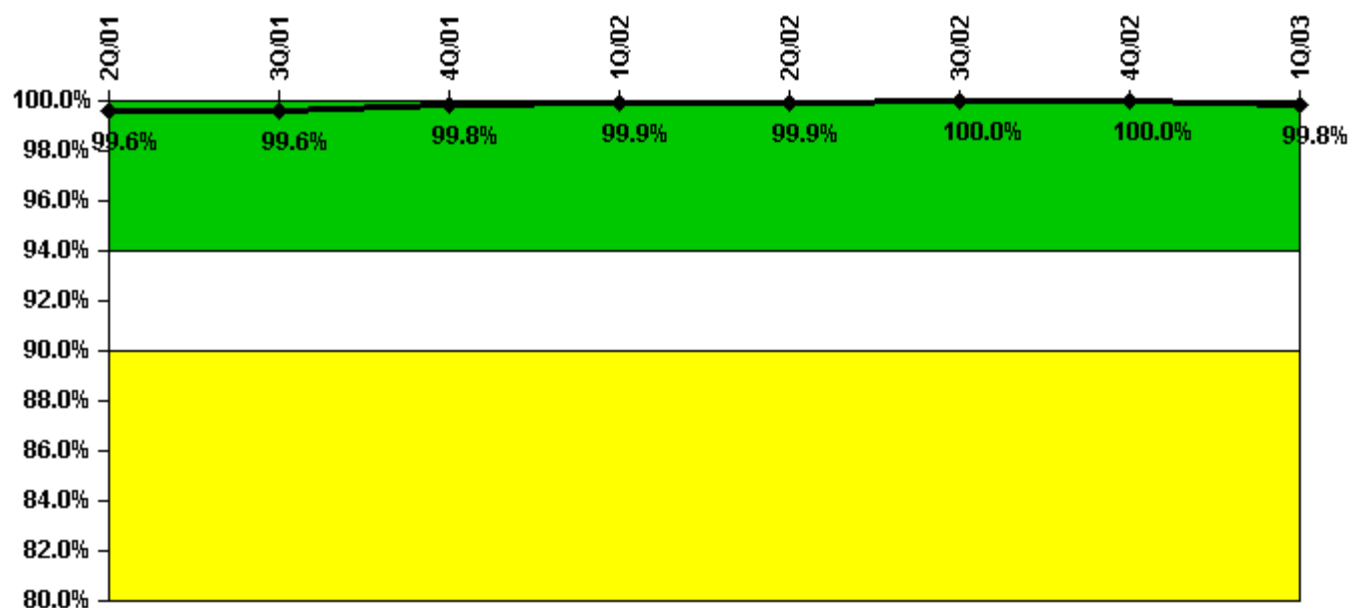
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Participating Key personnel	69.0	67.0	67.0	70.0	67.0	66.0	65.0	67.0
Total Key personnel	69.0	67.0	69.0	70.0	67.0	66.0	66.0	67.0
Indicator value	100.0%	100.0%	97.1%	100.0%	100.0%	100.0%	98.5%	100.0%

Licensee Comments: none

Alert & Notification System



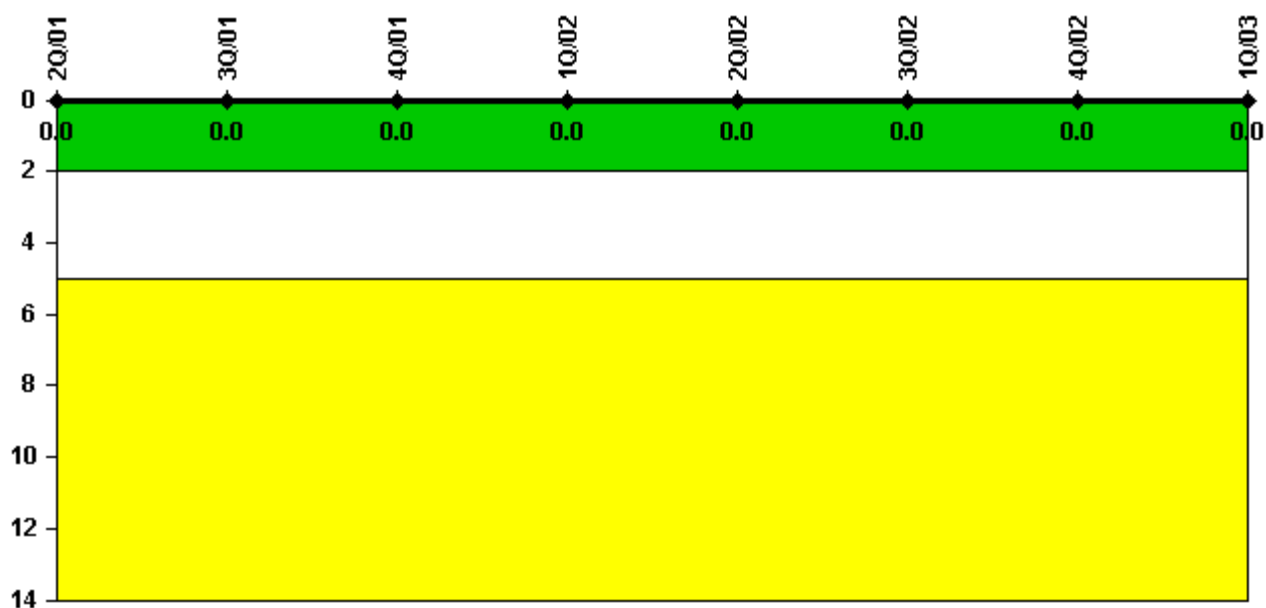
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Successful siren-tests	329	281	376	329	376	329	376	279
Total sirens-tests	329	282	376	329	376	329	376	282
Indicator value	99.6%	99.6%	99.8%	99.9%	99.9%	100.0%	100.0%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



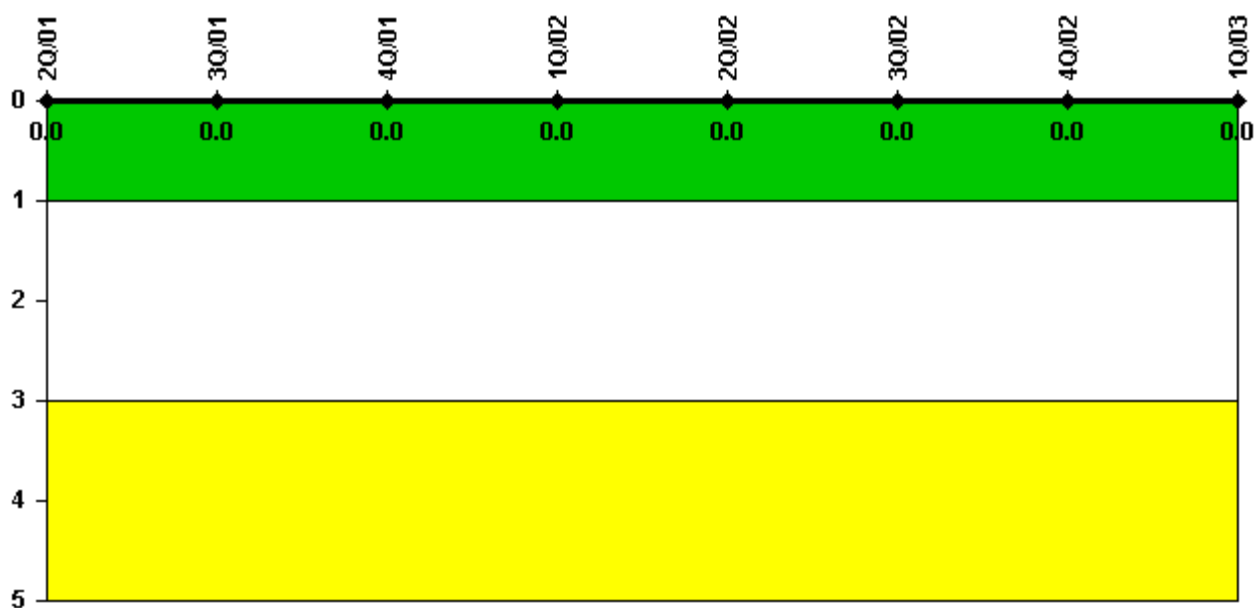
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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:

1Q/03: On 3/25/03 at 0600, an HP Technician was issued a Locked High Radiation Area (LHRA) key at the HP office. At 0730 the HP Technician reported to HP supervision that the LHRA key was missing. The HP Technician had not used the LHRA key while it was issued to him. All LHRA's were immediately verified as locked and remained guarded until lock cores were replaced. At 1300, a Security Guard notified HP that Plant Security had found the LHRA key at 0605 on the floor at the HP office and returned the key to HP. Security did not notify HP at the time of finding the key due to the physical similarity of the key to other Security keys. Security stated and documented that the key remained under their control from the time it was found and that no areas were accessed by use of the key. The LHRA doors were locked at all times during this event and the key was under administrative control of the Security Guard. The key had been unaccounted for by HP, however it was recovered and under Security's administrative control 5 minutes from the time the HP Technician had lost it. A FAQ has been submitted to clarify whether or not this event impacts the Occupational Exposure Performance Indicator with regard to administrative key control

RETS/ODCM Radiological Effluent

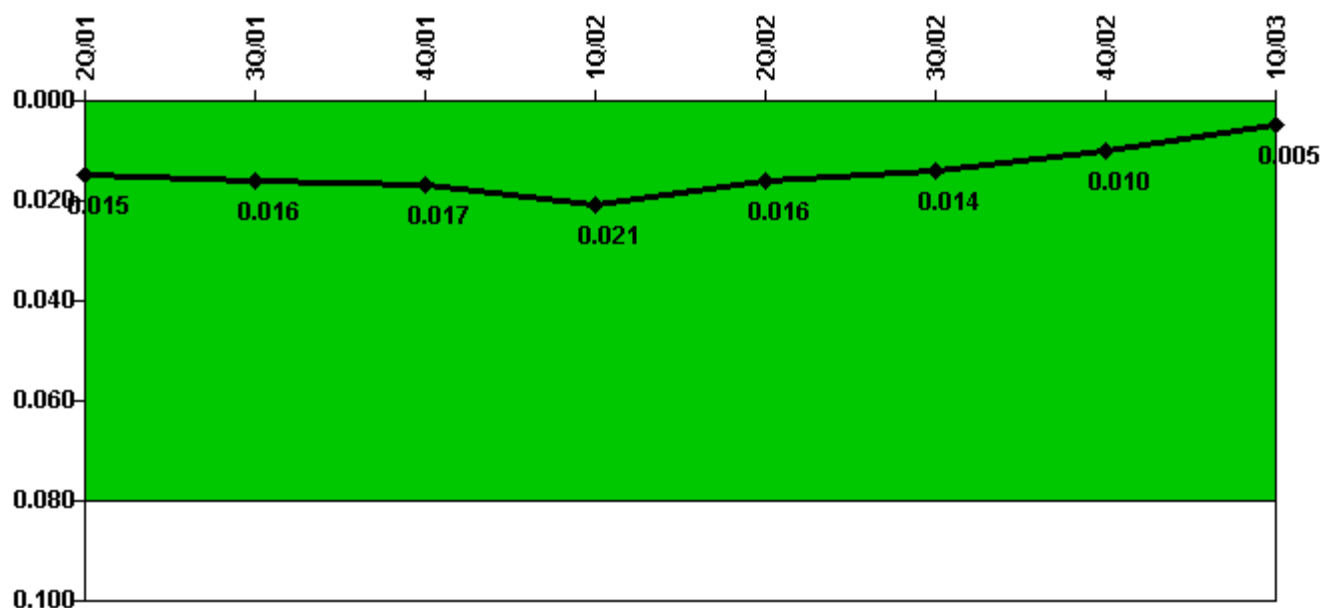
Thresholds: White > 1.0 Yellow > 3.0

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



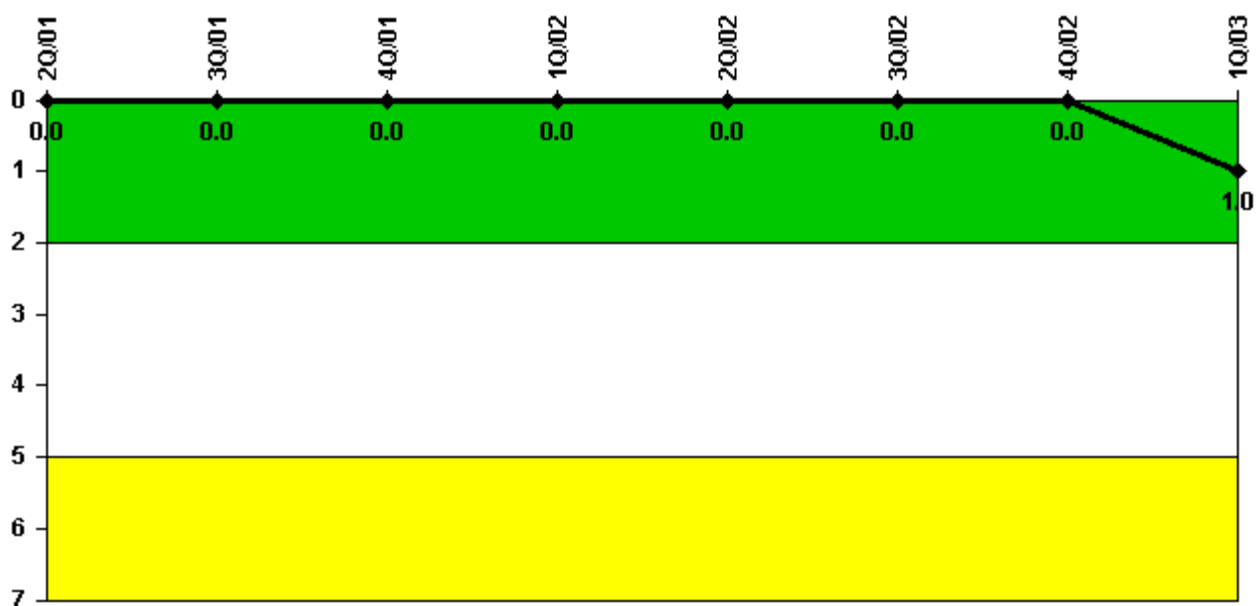
Thresholds: White > 0.080

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	311.80	108.60	148.00	156.70	122.20	40.70	10.50	0
CCTV compensatory hours	0	0	0	0	0	0	0	0
IDS normalization factor	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95
CCTV normalization factor	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
Index Value	0.015	0.016	0.017	0.021	0.016	0.014	0.010	0.005

Licensee Comments: none

Personnel Screening Program

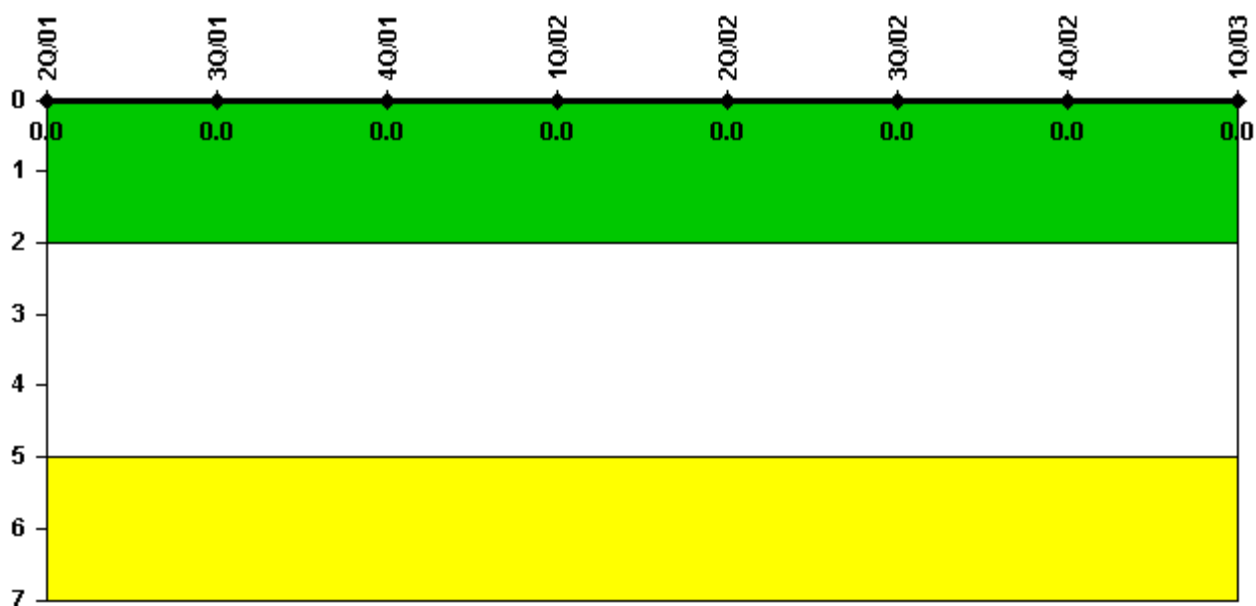


Thresholds: White > 2.0 Yellow > 5.0

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	1
Indicator value	0	0	0	0	0	0	0	1

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](#)

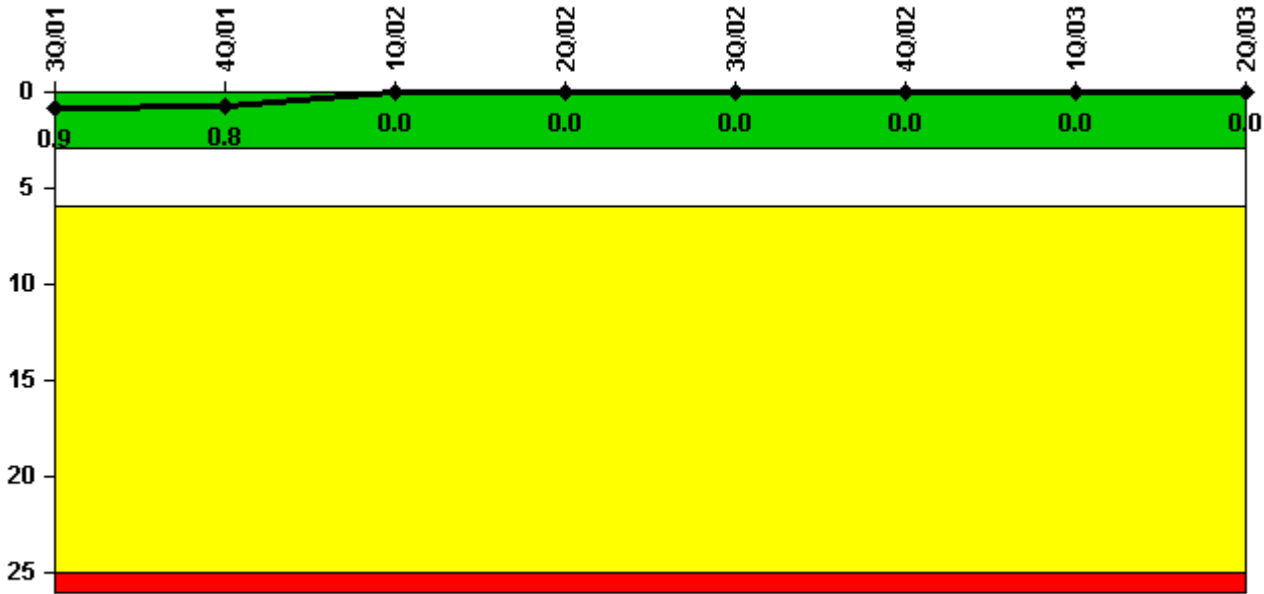
Last Modified: April 22, 2003

Turkey Point 4

2Q/2003 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2208.0	2209.0	1944.0	2032.2	2208.0	2209.0	2160.0	2183.0
Indicator value	0.9	0.8	0	0	0	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



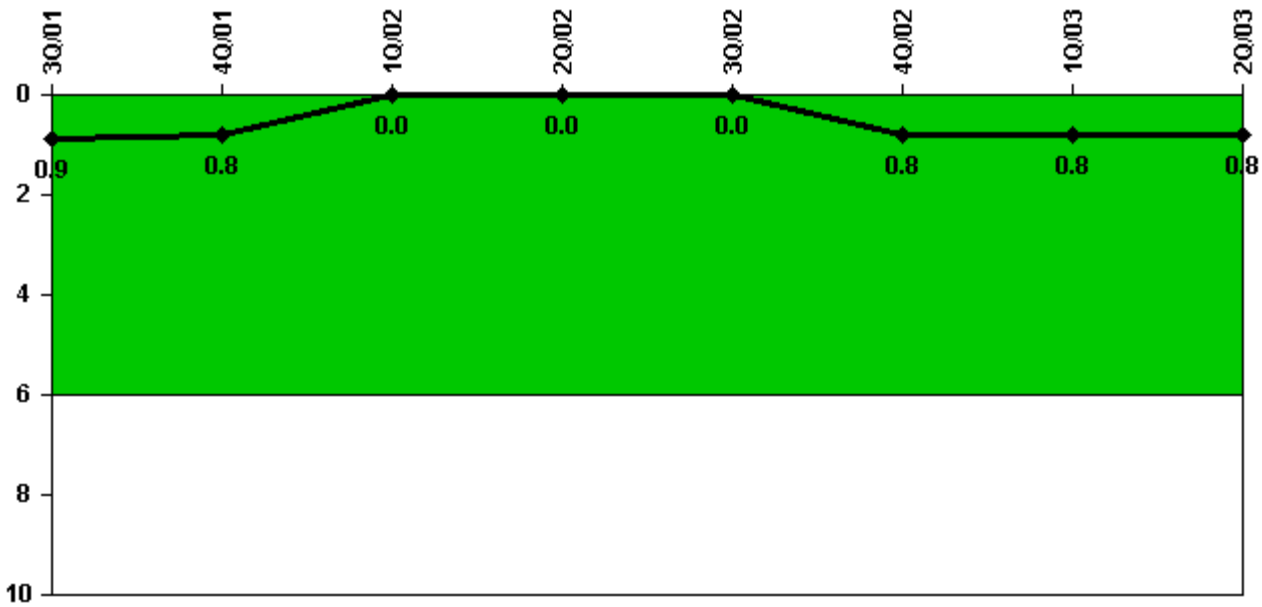
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



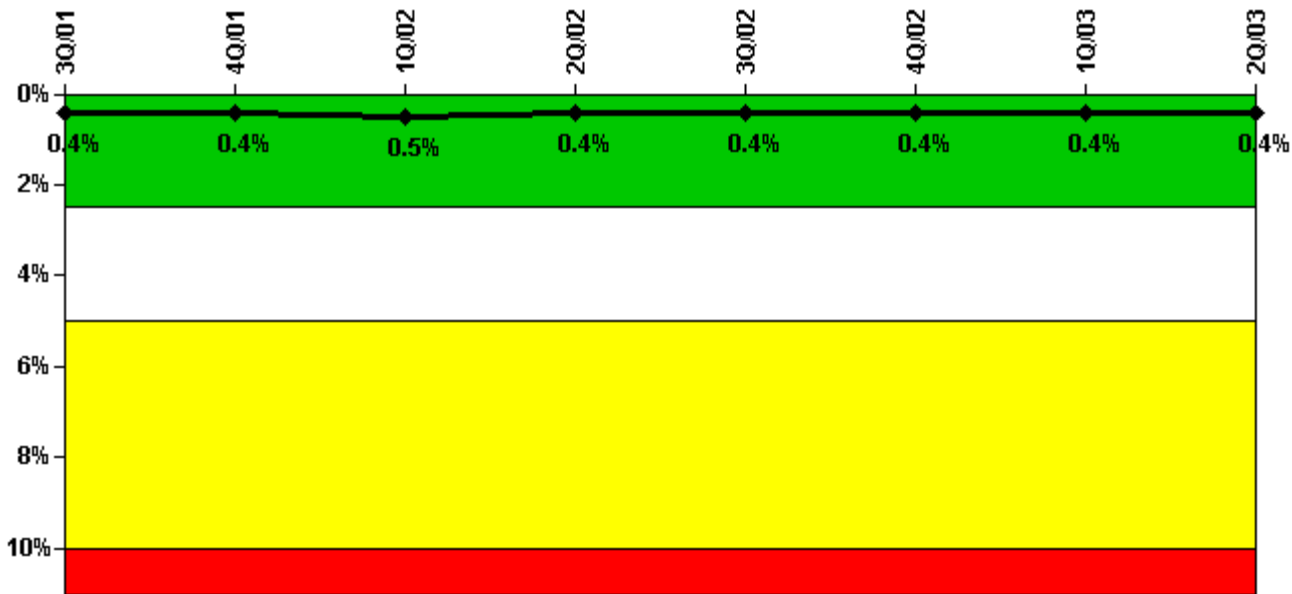
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Unplanned power changes	0	0	0	0	0	1.0	0	0
Critical hours	2208.0	2209.0	1944.0	2032.2	2208.0	2209.0	2160.0	2183.0
Indicator value	0.9	0.8	0	0	0	0.8	0.8	0.8

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



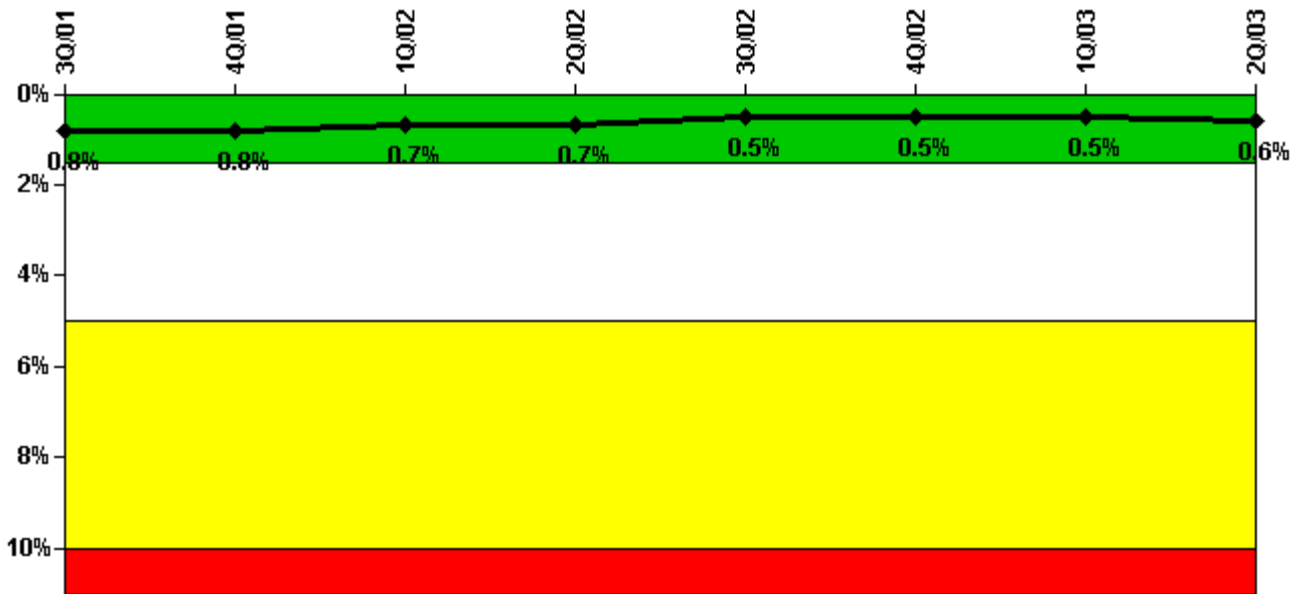
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Train 1								
Planned unavailable hours	30.20	4.00	2.90	2.40	0.80	3.20	1.60	8.60
Unplanned unavailable hours	0	0	9.10	0	0	0	0	7.30
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2056.80	2121.30	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	1.60	4.00	4.40	2.40	0.80	2.40	1.60	22.10
Unplanned unavailable hours	0.80	0.20	0	7.60	0	14.60	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2056.80	2121.30	2208.00	2209.00	2160.00	2183.00
Indicator value	0.4%	0.4%	0.5%	0.4%	0.4%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



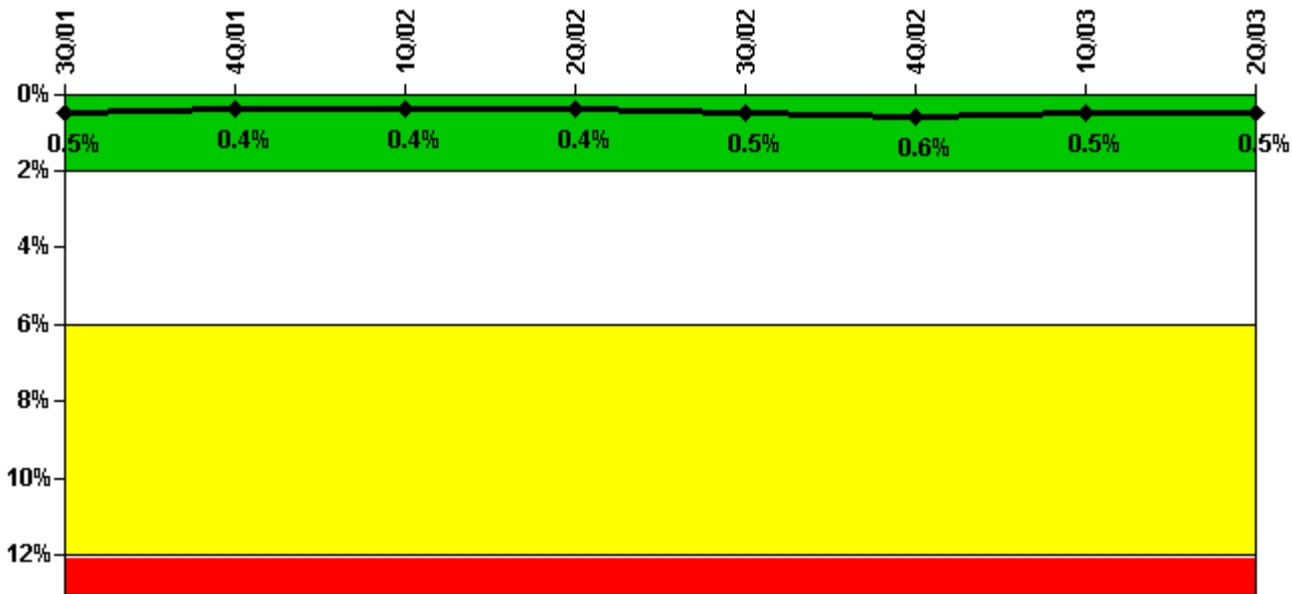
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Train 1								
Planned unavailable hours	0	0	15.10	0	1.90	0	0	6.50
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	1949.20	2050.50	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	0	0	8.80	20.20	0	5.50	13.00	3.00
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	2208.00	2209.00	1949.20	2050.50	2208.00	2209.00	2160.00	2183.00
Indicator value	0.8%	0.8%	0.7%	0.7%	0.5%	0.5%	0.5%	0.6%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



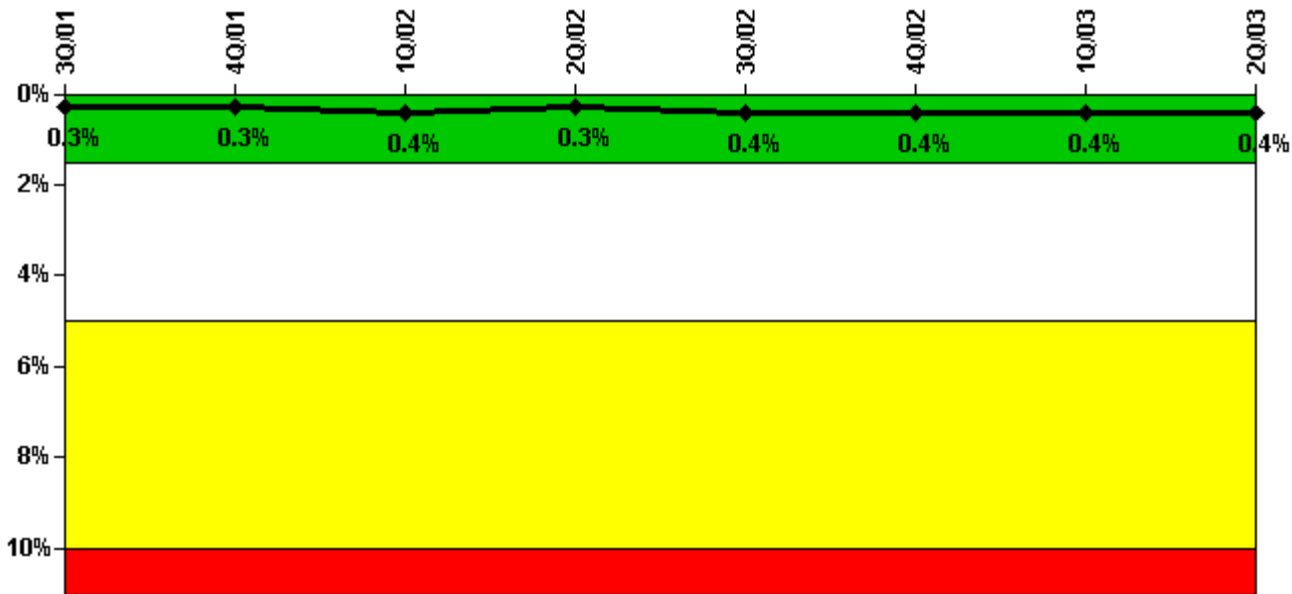
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Train 1								
Planned unavailable hours	1.30	1.30	0	11.80	8.00	21.60	0	12.80
Unplanned unavailable hours	0	0.50	0	0	0	6.90	11.20	2.50
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	1949.20	2050.50	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	1.60	1.00	0	0	54.00	42.70	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	1949.20	2050.50	2208.00	2209.00	2160.00	2183.00
Indicator value	0.5%	0.4%	0.4%	0.4%	0.5%	0.6%	0.5%	0.5%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



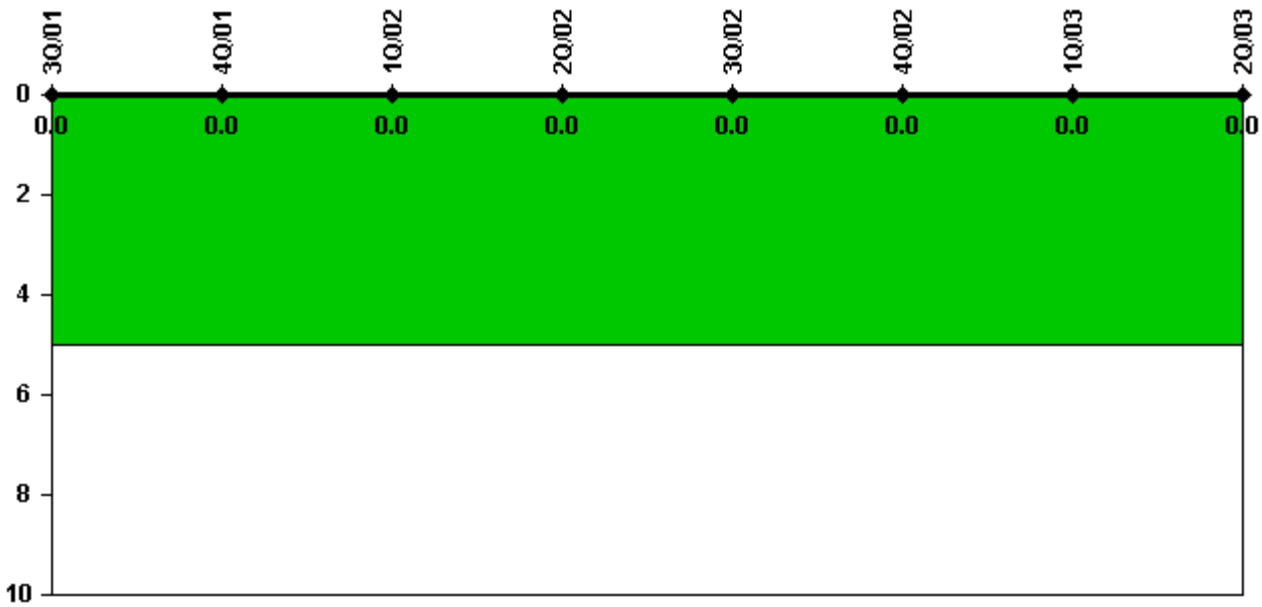
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Train 1								
Planned unavailable hours	0.40	3.90	30.40	3.50	19.00	1.90	2.90	2.00
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	1980.00	2167.30	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	1.10	1.10	22.10	3.10	22.30	15.50	1.60	2.00
Unplanned unavailable hours	0	0	0	0.10	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	1980.00	2167.30	2208.00	2209.00	2160.00	2183.00
Indicator value	0.3%	0.3%	0.4%	0.3%	0.4%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Functional Failures (PWR)



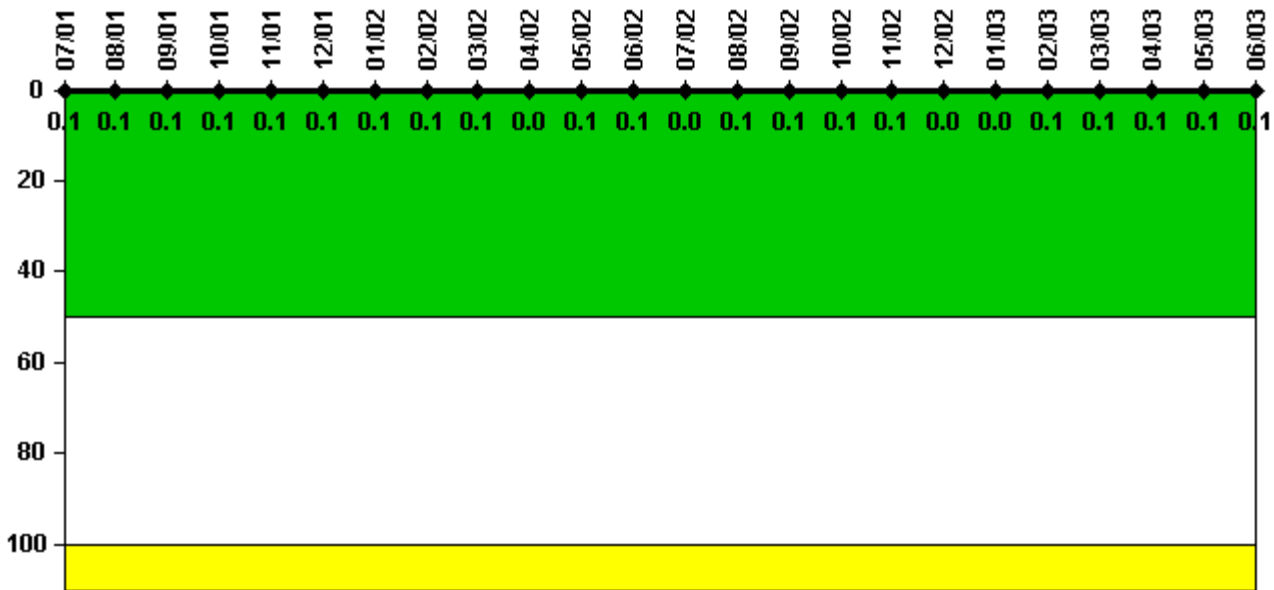
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

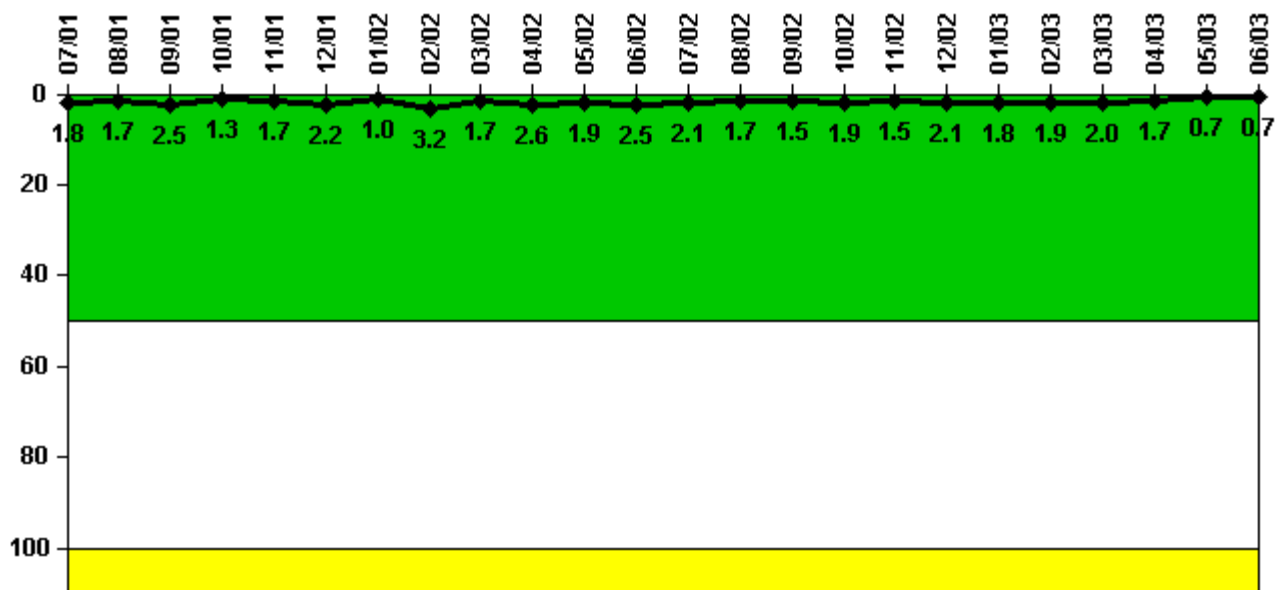
Notes

Reactor Coolant System Activity	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02
Maximum activity	0.000811	0.000791	0.000843	0.000900	0.000866	0.000993	0.001040	0.001020	0.001090	0.000438	0.000558	0.000854
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0	0.1	0.1

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	0.000463	0.000519	0.000656	0.000530	0.000682	0.000391	0.000424	0.000780	0.000565	0.000678	0.000723	0.000706
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0.1	0.1	0.1	0.1	0	0	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

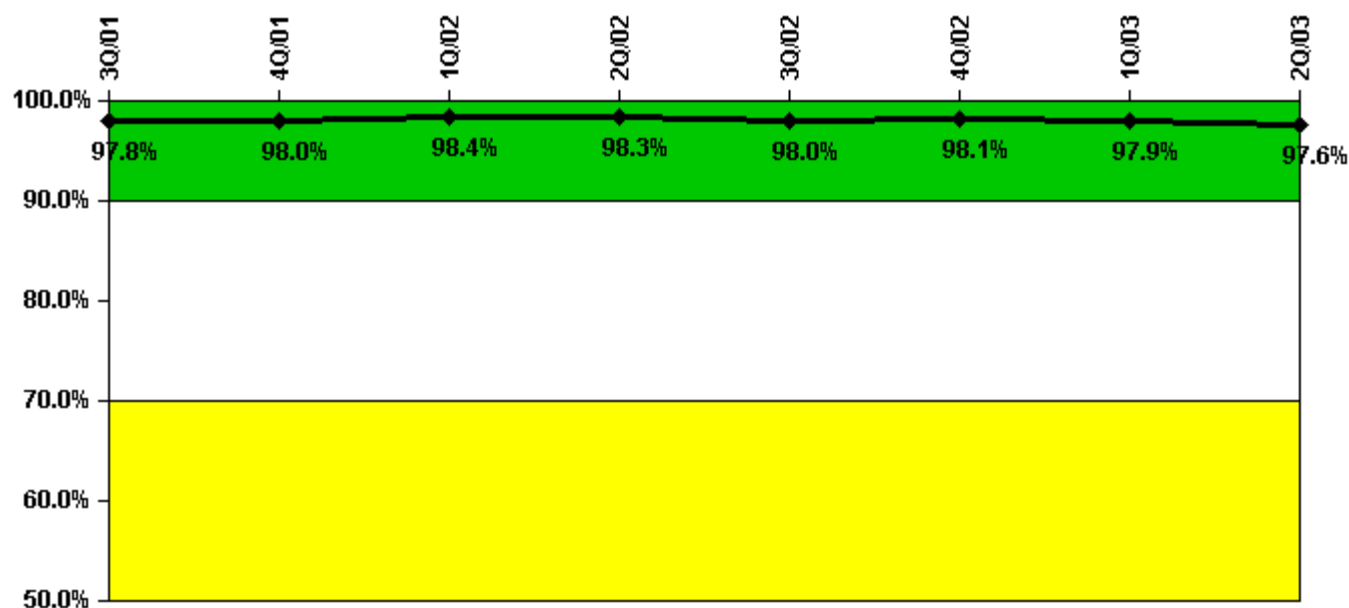
Notes

Reactor Coolant System Leakage	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02
Maximum leakage	0.180	0.170	0.250	0.130	0.170	0.220	0.100	0.320	0.170	0.260	0.190	0.250
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.8	1.7	2.5	1.3	1.7	2.2	1.0	3.2	1.7	2.6	1.9	2.5

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	0.210	0.170	0.150	0.190	0.150	0.210	0.180	0.190	0.200	0.170	0.070	0.070
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.1	1.7	1.5	1.9	1.5	2.1	1.8	1.9	2.0	1.7	0.7	0.7

Licensee Comments: none

Drill/Exercise Performance



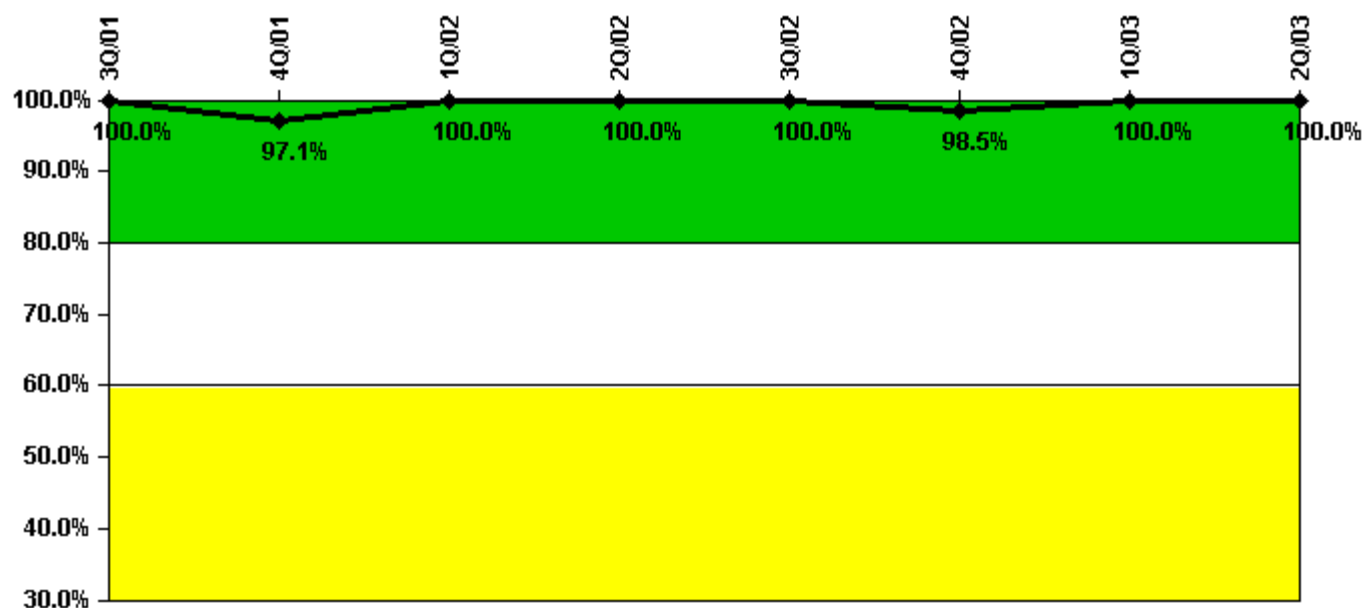
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Successful opportunities	41.0	40.0	46.0	38.0	39.0	37.0	68.0	56.0
Total opportunities	42.0	40.0	49.0	38.0	40.0	37.0	70.0	58.0
Indicator value	97.8%	98.0%	98.4%	98.3%	98.0%	98.1%	97.9%	97.6%

Licensee Comments: none

ERO Drill Participation



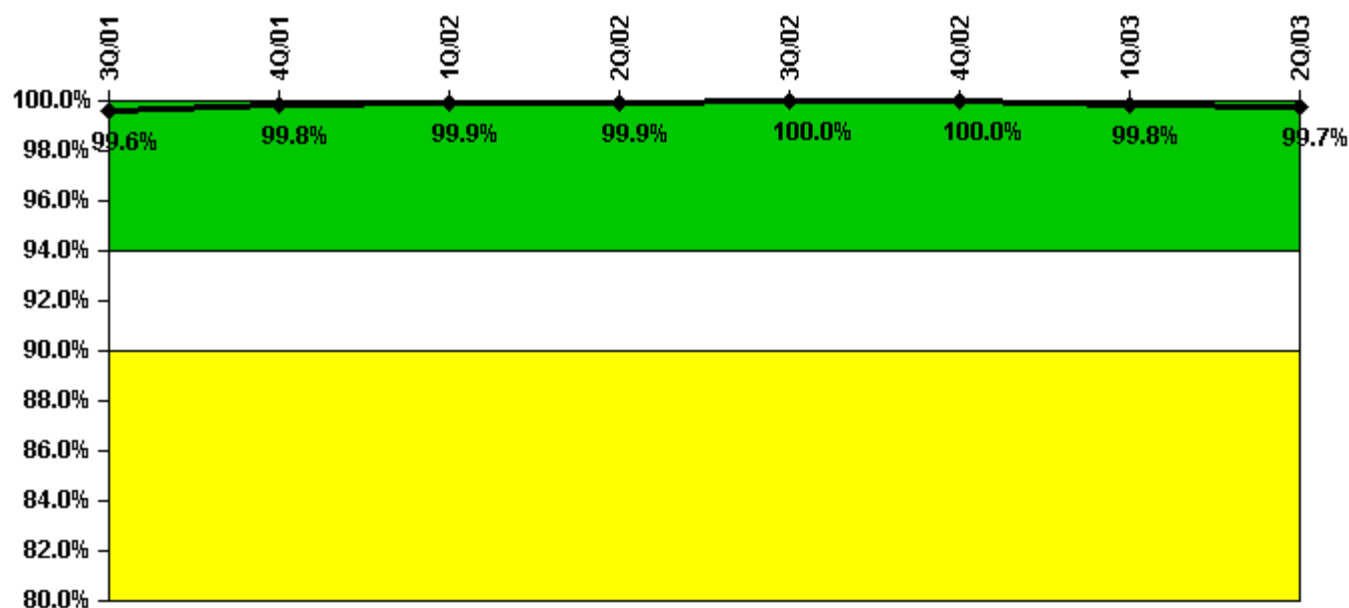
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Participating Key personnel	67.0	67.0	70.0	67.0	66.0	65.0	67.0	69.0
Total Key personnel	67.0	69.0	70.0	67.0	66.0	66.0	67.0	69.0
Indicator value	100.0%	97.1%	100.0%	100.0%	100.0%	98.5%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



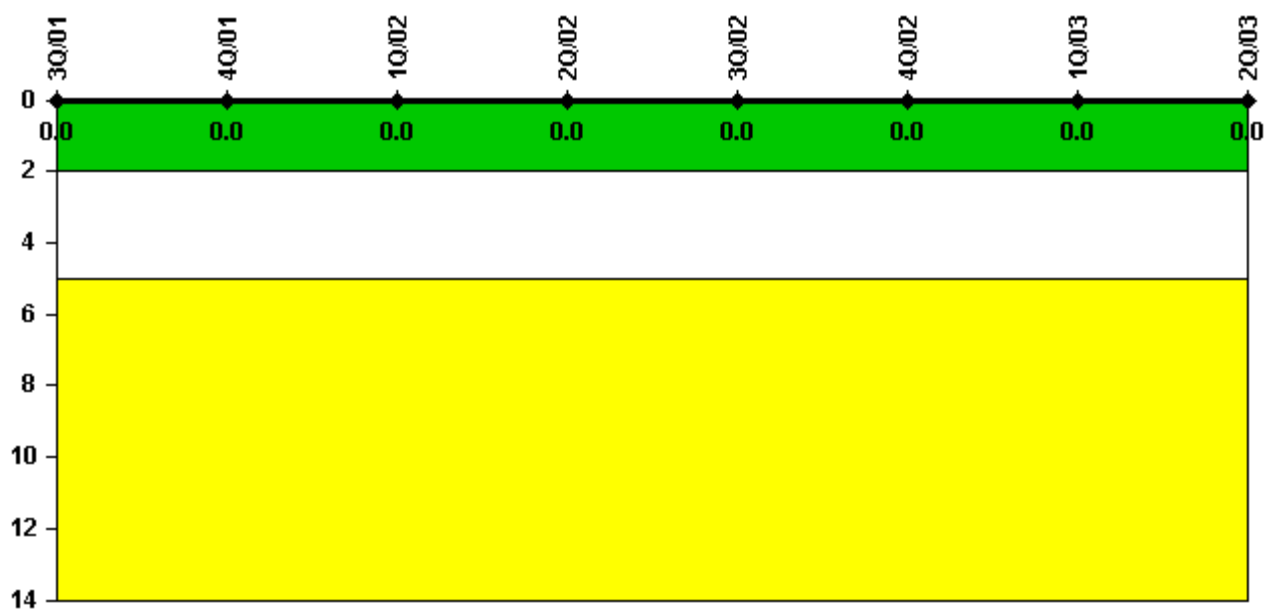
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Successful siren-tests	281	376	329	376	329	376	279	375
Total sirens-tests	282	376	329	376	329	376	282	376
Indicator value	99.6%	99.8%	99.9%	99.9%	100.0%	100.0%	99.8%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness

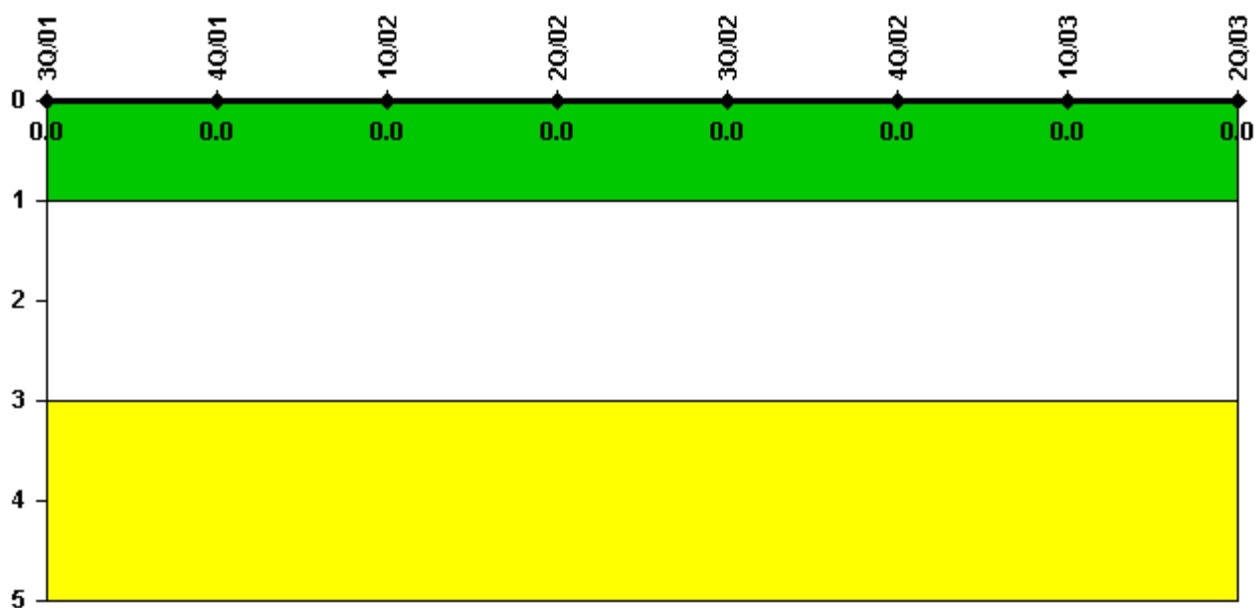


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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

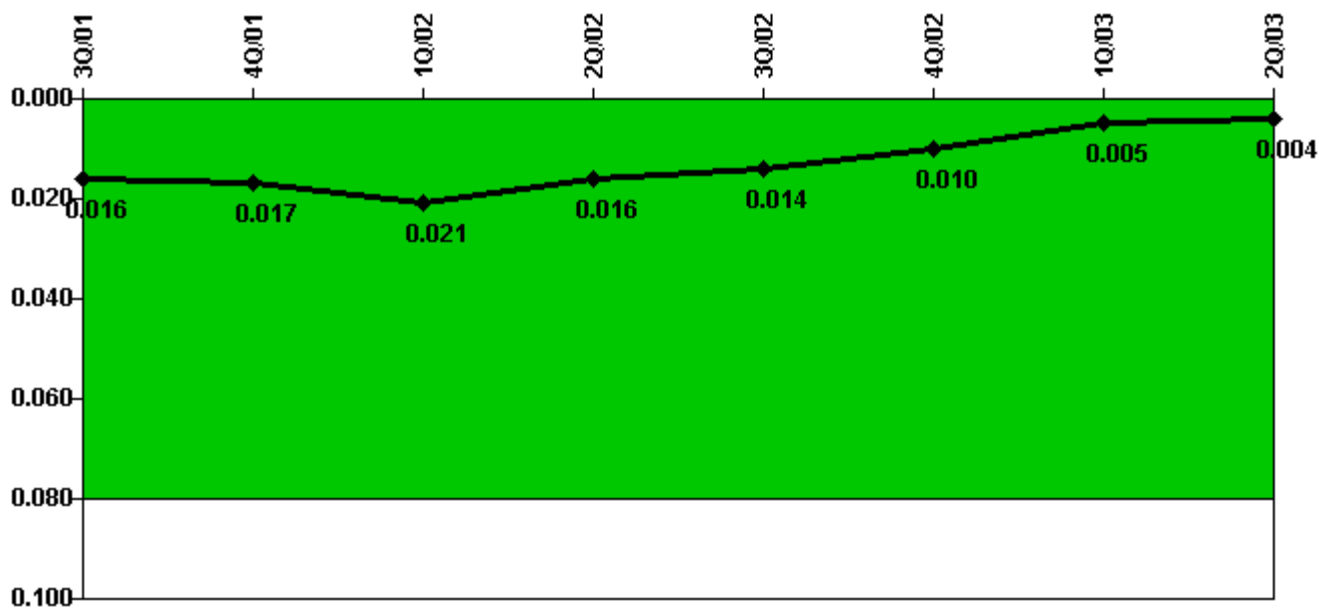
Thresholds: White > 1.0 Yellow > 3.0

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



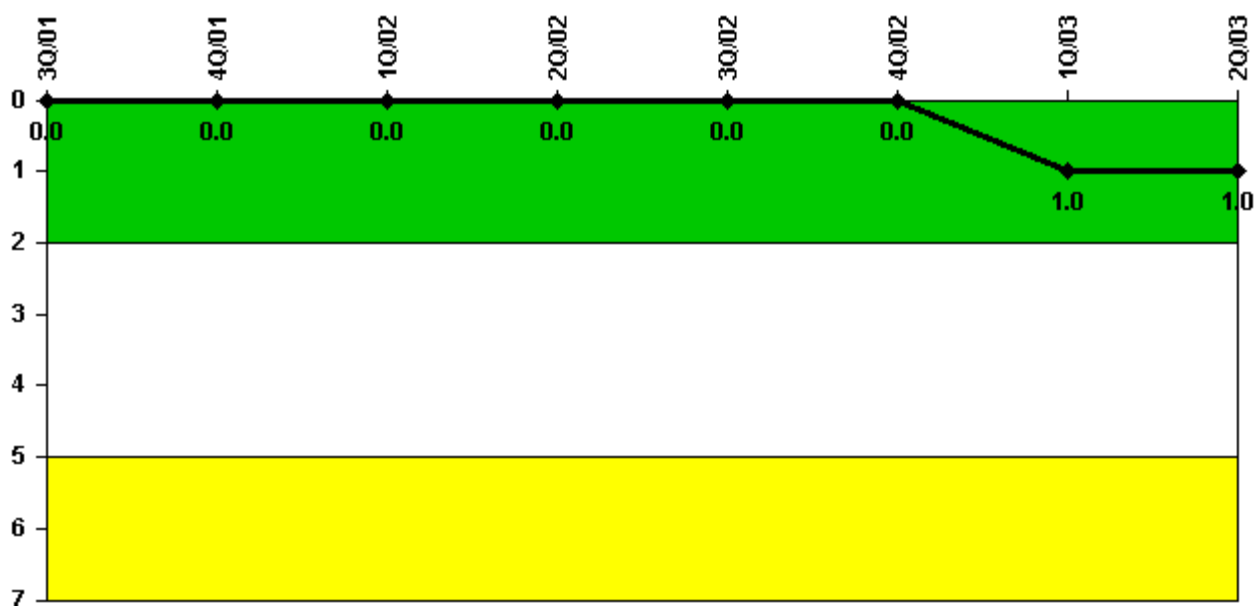
Thresholds: White > 0.080

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	108.60	148.00	156.70	122.20	40.70	10.50	0	69.90
CCTV compensatory hours	0	0	0	0	0	0	0	0
IDS normalization factor	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95
CCTV normalization factor	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
Index Value	0.016	0.017	0.021	0.016	0.014	0.010	0.005	0.004

Licensee Comments: none

Personnel Screening Program

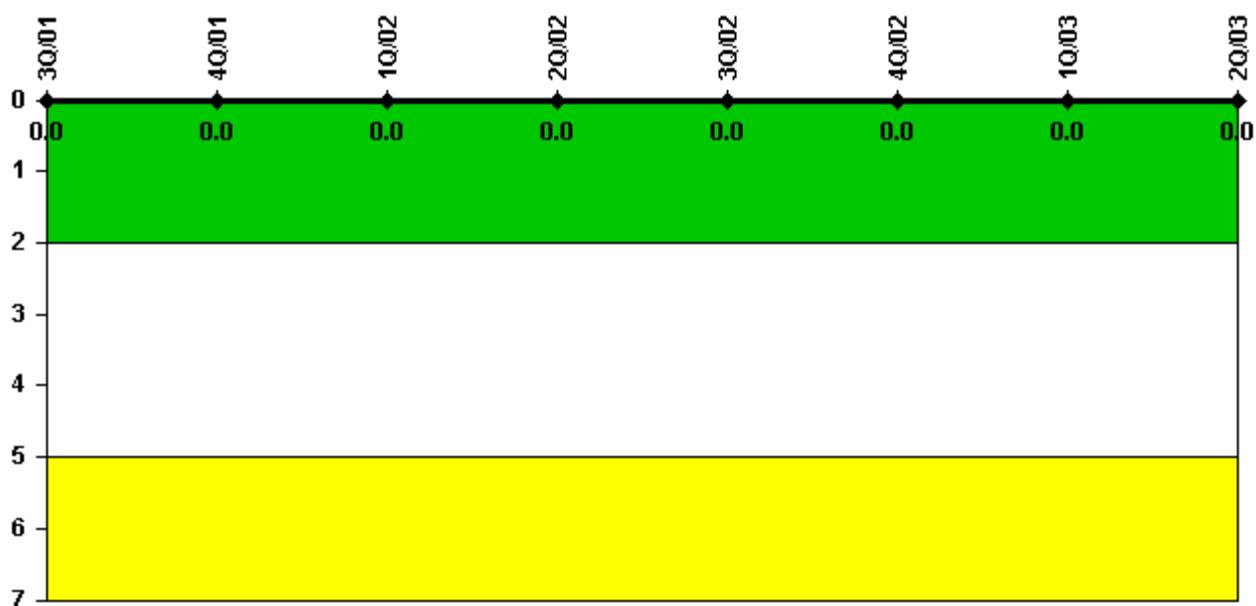


Thresholds: White > 2.0 Yellow > 5.0

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

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	3Q/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](#)

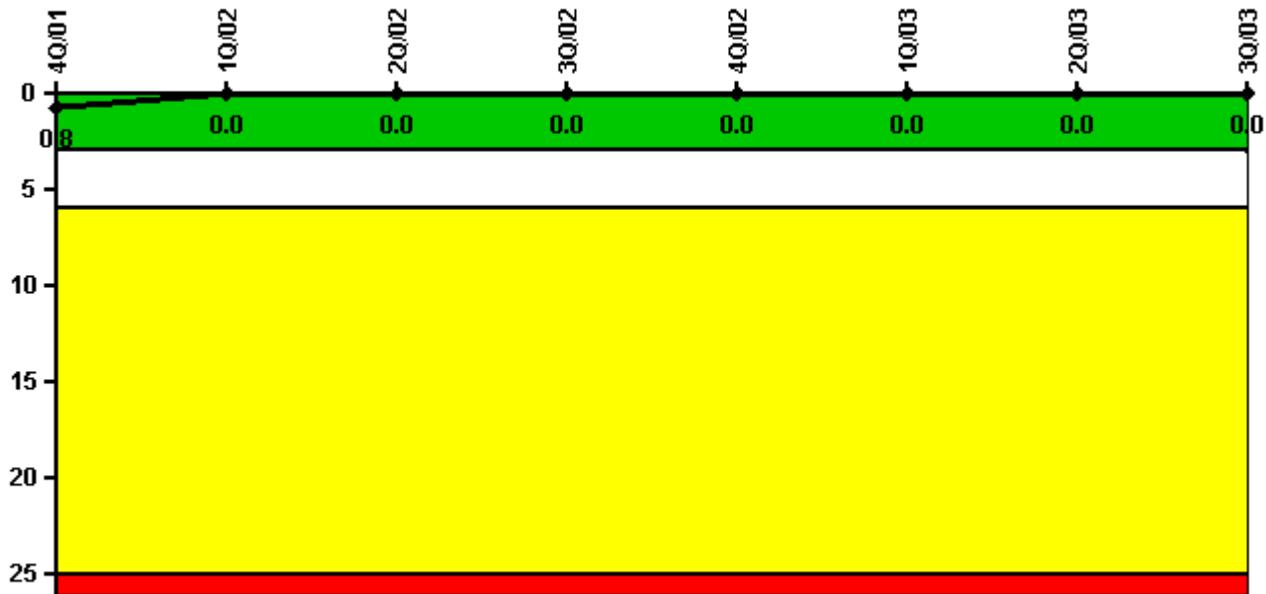
Last Modified: July 22, 2003

Turkey Point 4

3Q/2003 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



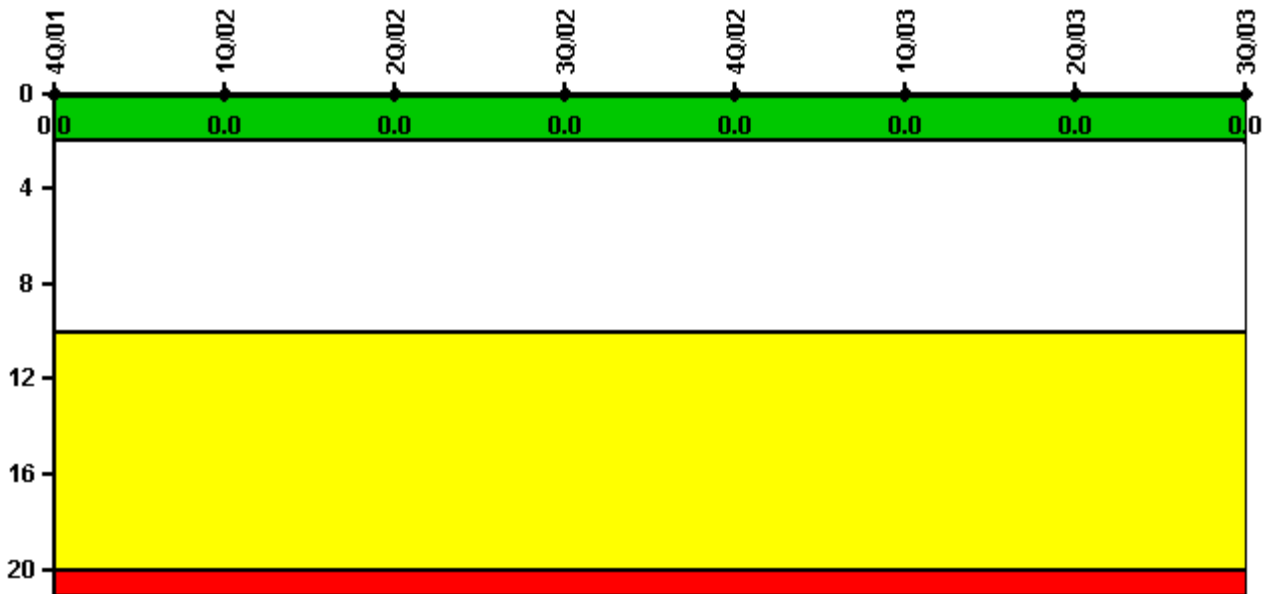
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2209.0	1944.0	2032.2	2208.0	2209.0	2160.0	2183.0	2208.0
Indicator value	0.8	0	0	0	0	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



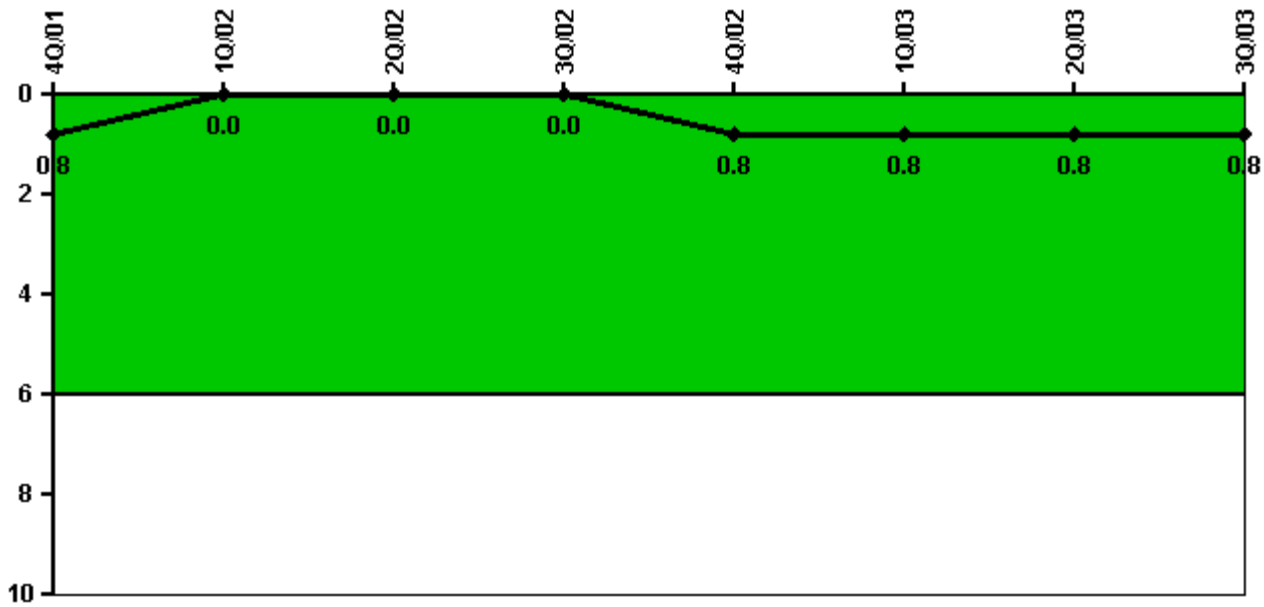
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



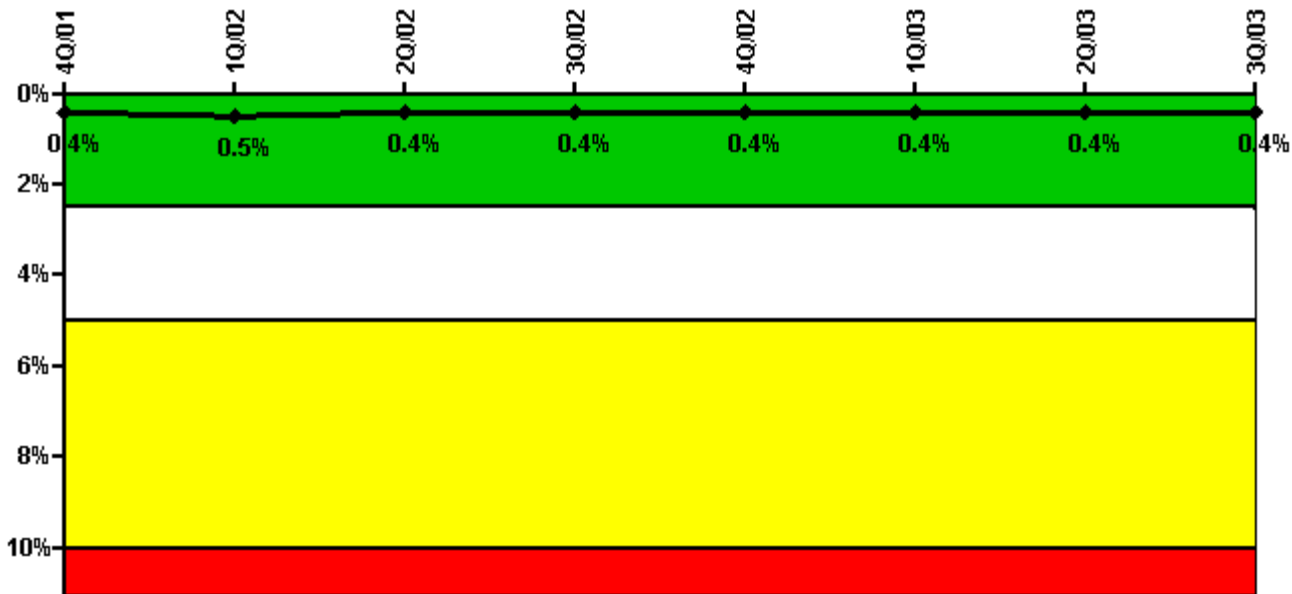
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Unplanned power changes	0	0	0	0	1.0	0	0	0
Critical hours	2209.0	1944.0	2032.2	2208.0	2209.0	2160.0	2183.0	2208.0
Indicator value	0.8	0	0	0	0.8	0.8	0.8	0.8

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



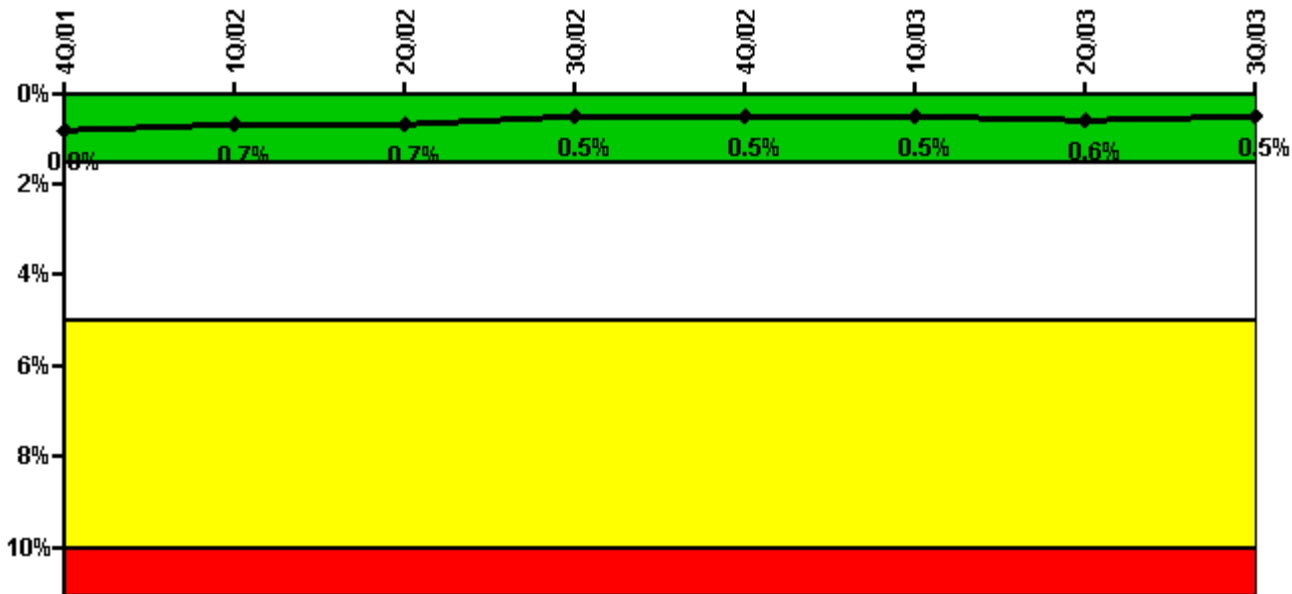
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Train 1								
Planned unavailable hours	4.00	2.90	2.40	0.80	3.20	1.60	8.60	4.40
Unplanned unavailable hours	0	9.10	0	0	0	0	7.30	4.50
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2056.80	2121.30	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	4.00	4.40	2.40	0.80	2.40	1.60	22.10	19.60
Unplanned unavailable hours	0.20	0	7.60	0	14.60	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2056.80	2121.30	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	0.4%	0.5%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



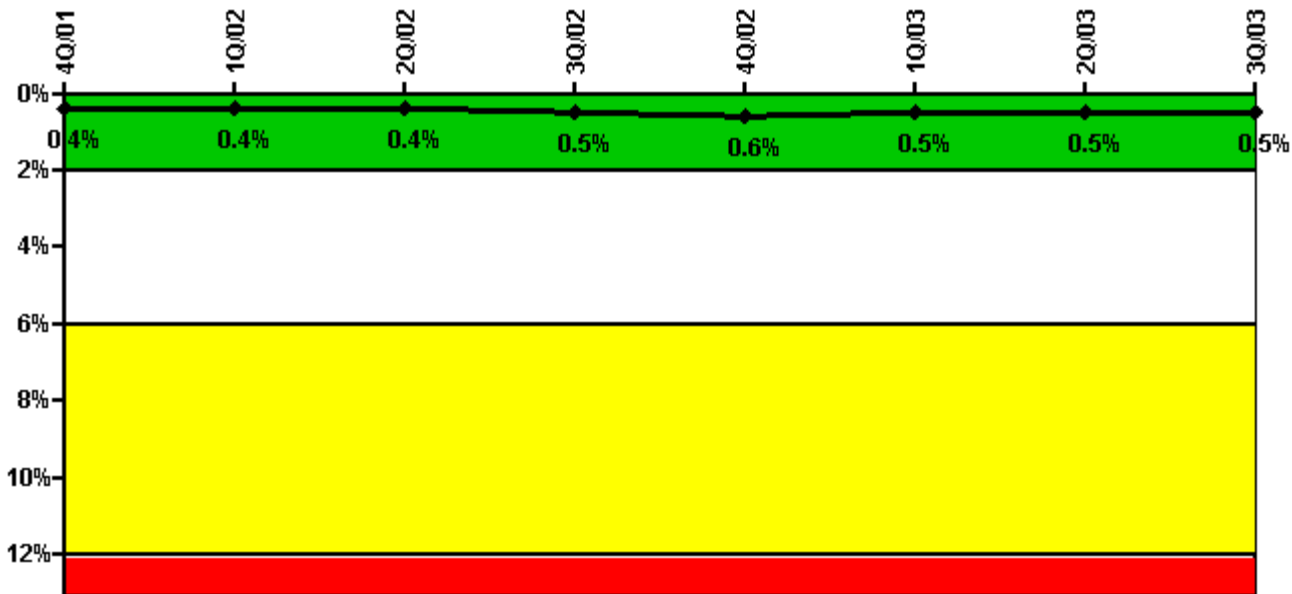
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Train 1								
Planned unavailable hours	0	15.10	0	1.90	0	0	6.50	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	1949.20	2050.50	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	0	8.80	20.20	0	5.50	13.00	3.00	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	1949.20	2050.50	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	0.8%	0.7%	0.7%	0.5%	0.5%	0.5%	0.6%	0.5%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



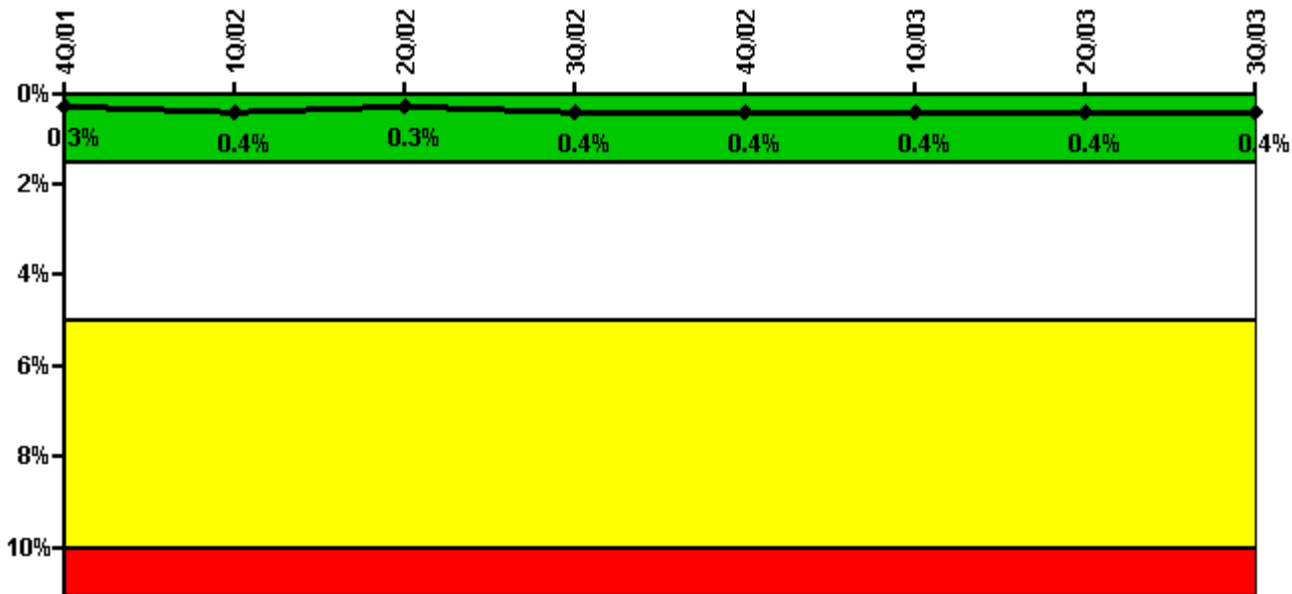
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Train 1								
Planned unavailable hours	1.30	0	11.80	8.00	21.60	0	12.80	4.90
Unplanned unavailable hours	0.50	0	0	0	6.90	11.20	2.50	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	1949.20	2050.50	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	1.00	0	0	54.00	42.70	0	0	34.80
Unplanned unavailable hours	0	0	0	0	0	0	0	16.30
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	1949.20	2050.50	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	0.4%	0.4%	0.4%	0.5%	0.6%	0.5%	0.5%	0.5%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



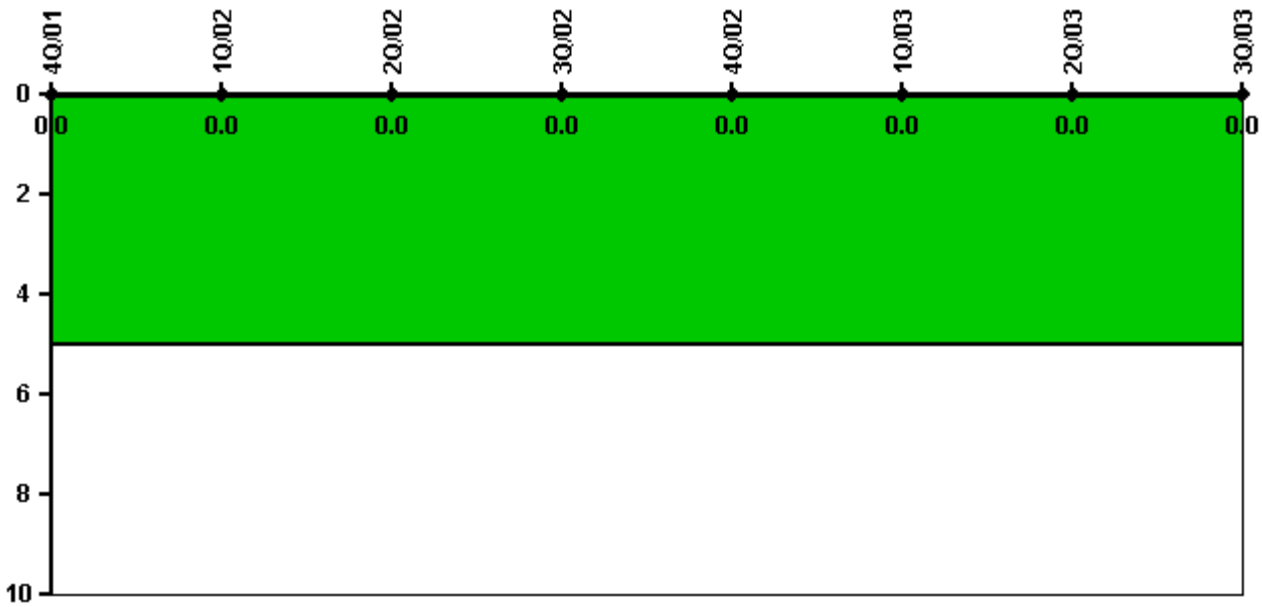
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Train 1								
Planned unavailable hours	3.90	30.40	3.50	19.00	1.90	2.90	2.00	27.80
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	1980.00	2167.30	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	1.10	22.10	3.10	22.30	15.50	1.60	2.00	23.70
Unplanned unavailable hours	0	0	0.10	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	1980.00	2167.30	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	0.3%	0.4%	0.3%	0.4%	0.4%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Functional Failures (PWR)



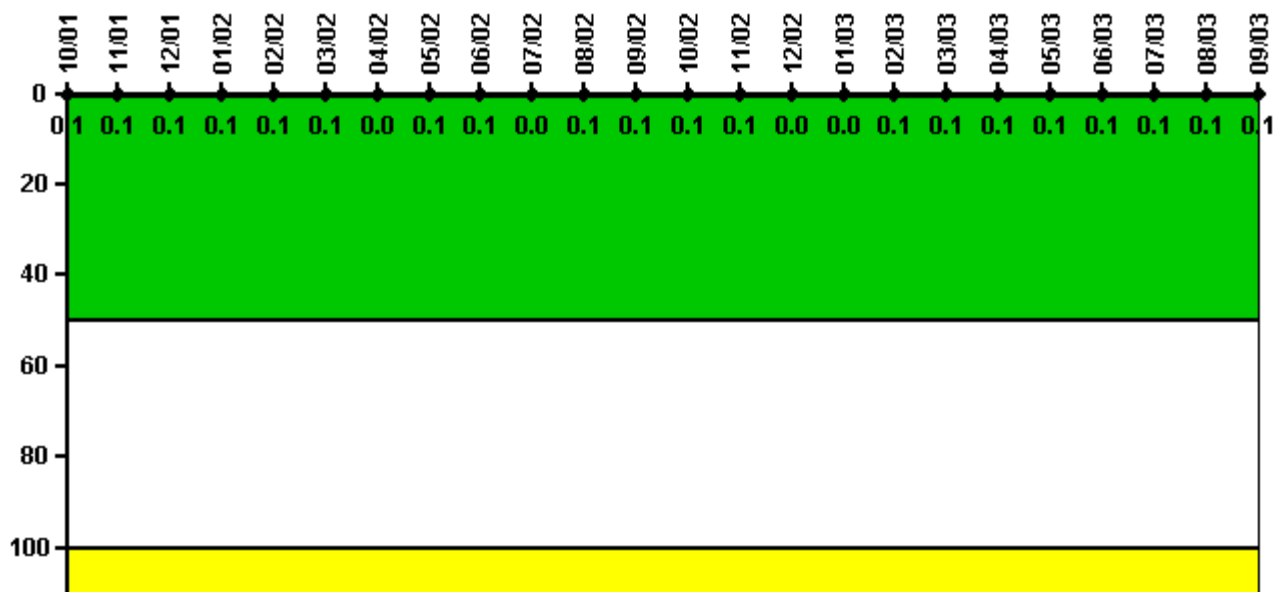
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

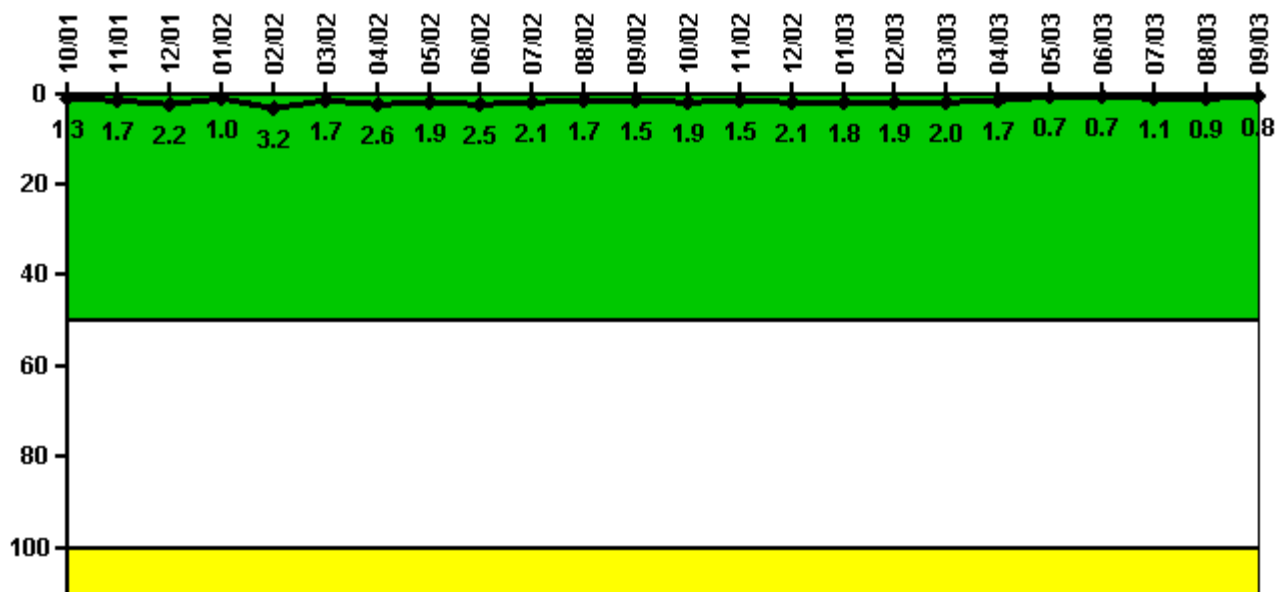
Notes

Reactor Coolant System Activity	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02
Maximum activity	0.000900	0.000866	0.000993	0.001040	0.001020	0.001090	0.000438	0.000558	0.000854	0.000463	0.000519	0.000656
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0	0.1	0.1	0	0.1	0.1

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	0.000530	0.000682	0.000391	0.000424	0.000780	0.000565	0.000678	0.000723	0.000706	0.000799	0.000739	0.000972
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

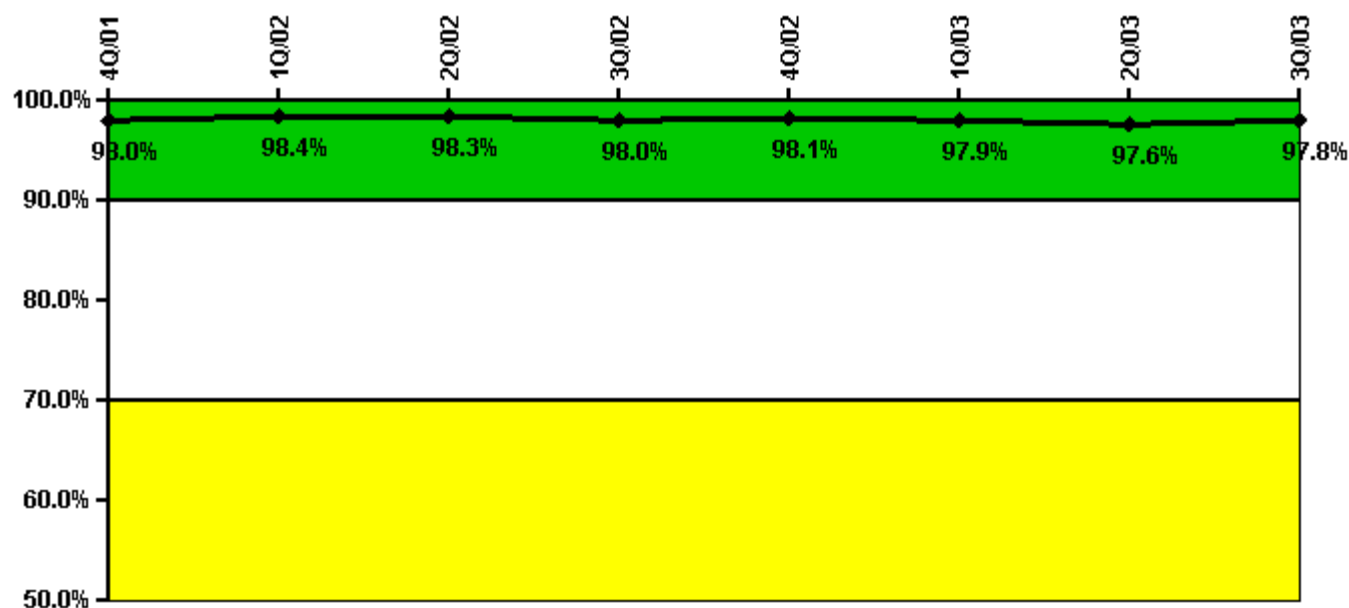
Notes

Reactor Coolant System Leakage	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02
Maximum leakage	0.130	0.170	0.220	0.100	0.320	0.170	0.260	0.190	0.250	0.210	0.170	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	1.3	1.7	2.2	1.0	3.2	1.7	2.6	1.9	2.5	2.1	1.7	1.5

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	0.190	0.150	0.210	0.180	0.190	0.200	0.170	0.070	0.070	0.110	0.090	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	1.9	1.5	2.1	1.8	1.9	2.0	1.7	0.7	0.7	1.1	0.9	0.8

Licensee Comments: none

Drill/Exercise Performance



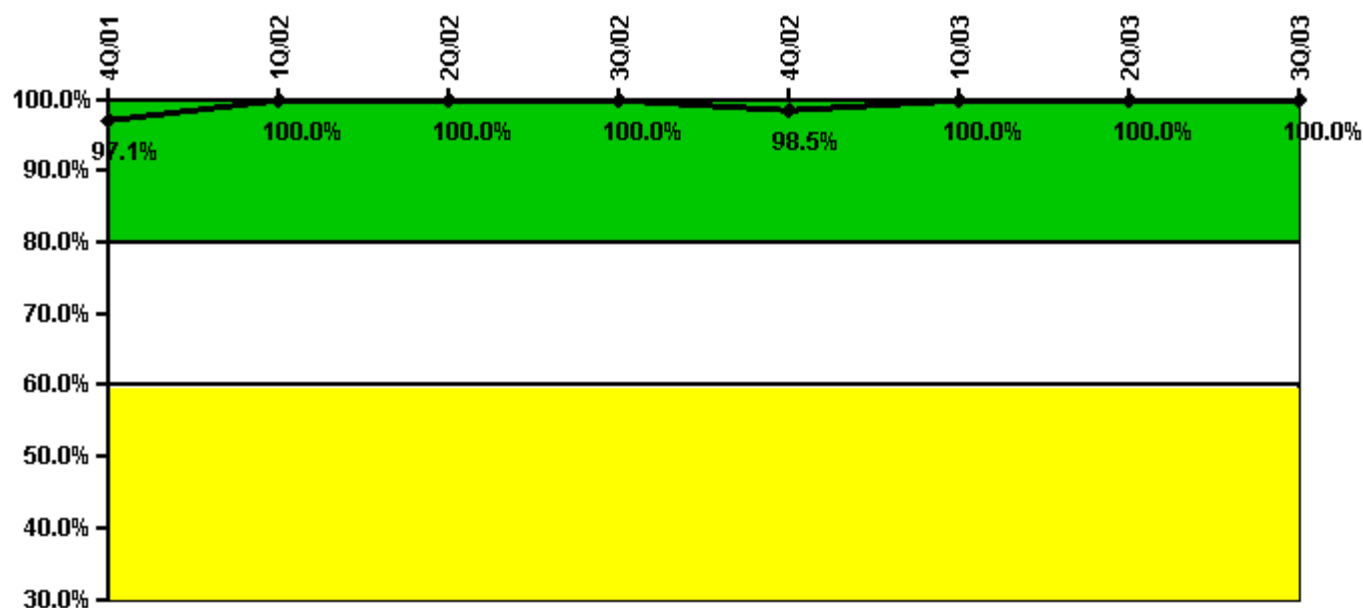
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Successful opportunities	40.0	46.0	38.0	39.0	37.0	68.0	56.0	26.0
Total opportunities	40.0	49.0	38.0	40.0	37.0	70.0	58.0	26.0
Indicator value	98.0%	98.4%	98.3%	98.0%	98.1%	97.9%	97.6%	97.8%

Licensee Comments: none

ERO Drill Participation



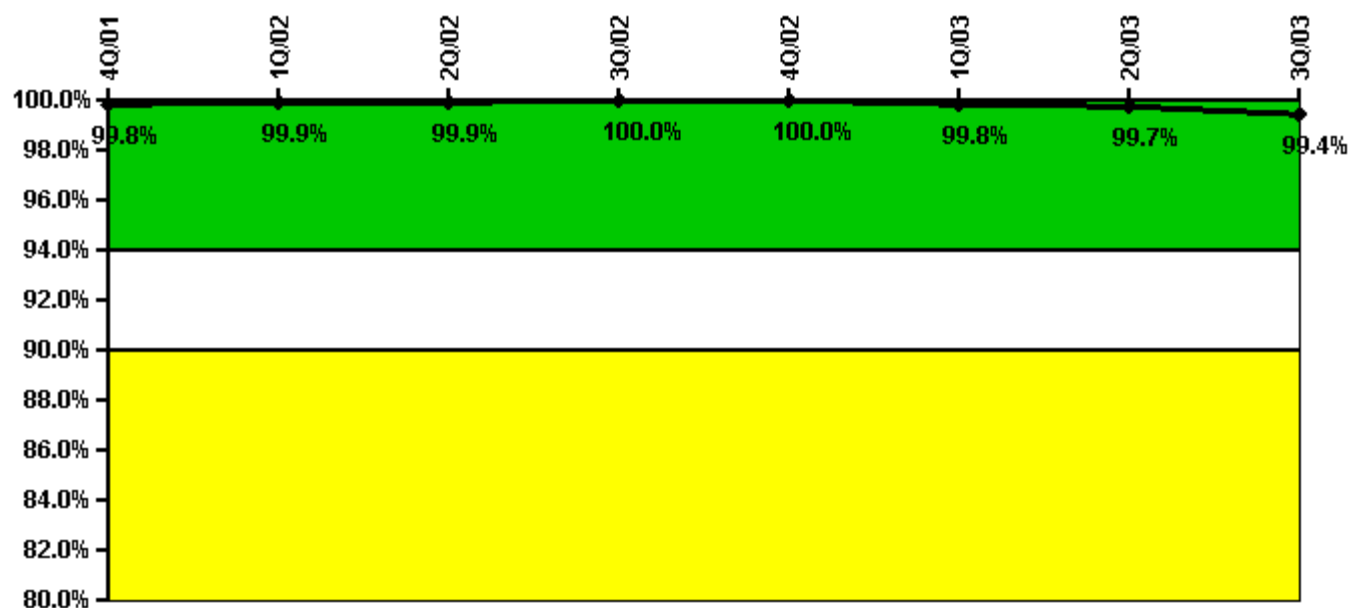
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Participating Key personnel	67.0	70.0	67.0	66.0	65.0	67.0	69.0	68.0
Total Key personnel	69.0	70.0	67.0	66.0	66.0	67.0	69.0	68.0
Indicator value	97.1%	100.0%	100.0%	100.0%	98.5%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



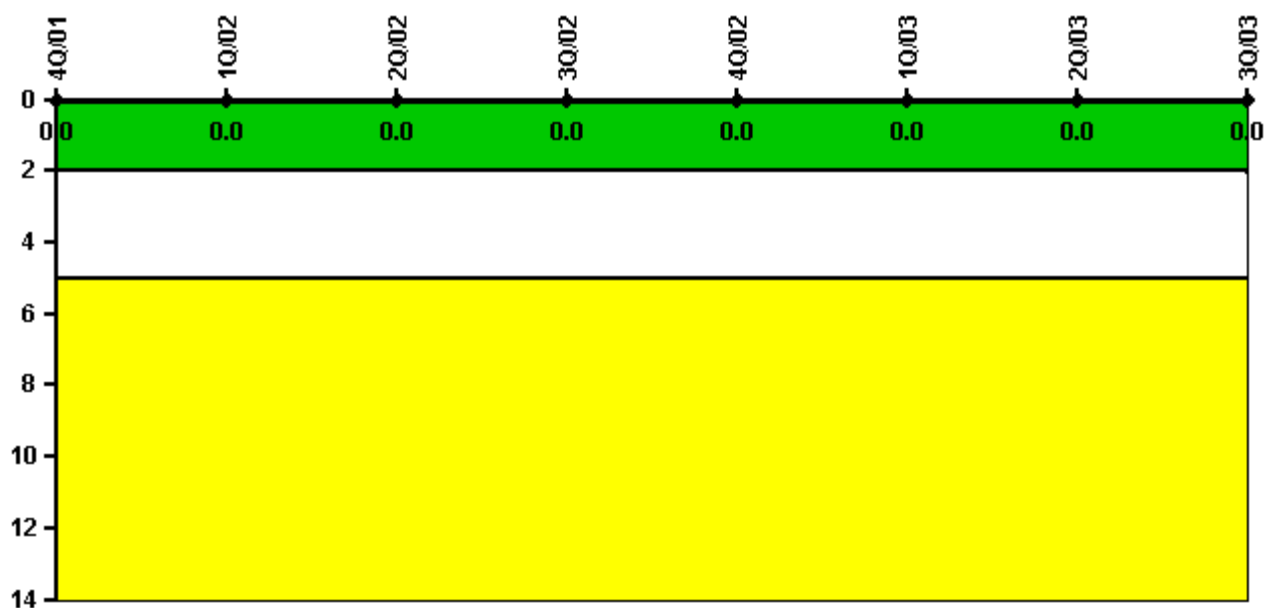
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Successful siren-tests	376	329	376	329	376	279	375	278
Total sirens-tests	376	329	376	329	376	282	376	282
Indicator value	99.8%	99.9%	99.9%	100.0%	100.0%	99.8%	99.7%	99.4%

Licensee Comments: none

Occupational Exposure Control Effectiveness

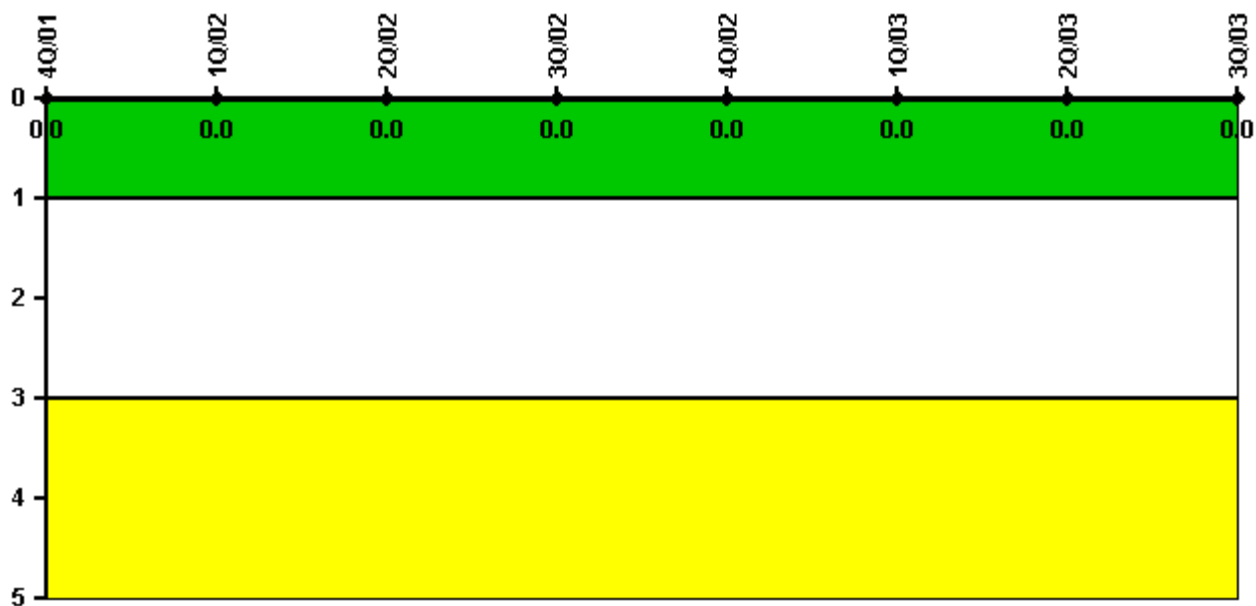


Thresholds: White > 2.0 Yellow > 5.0

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

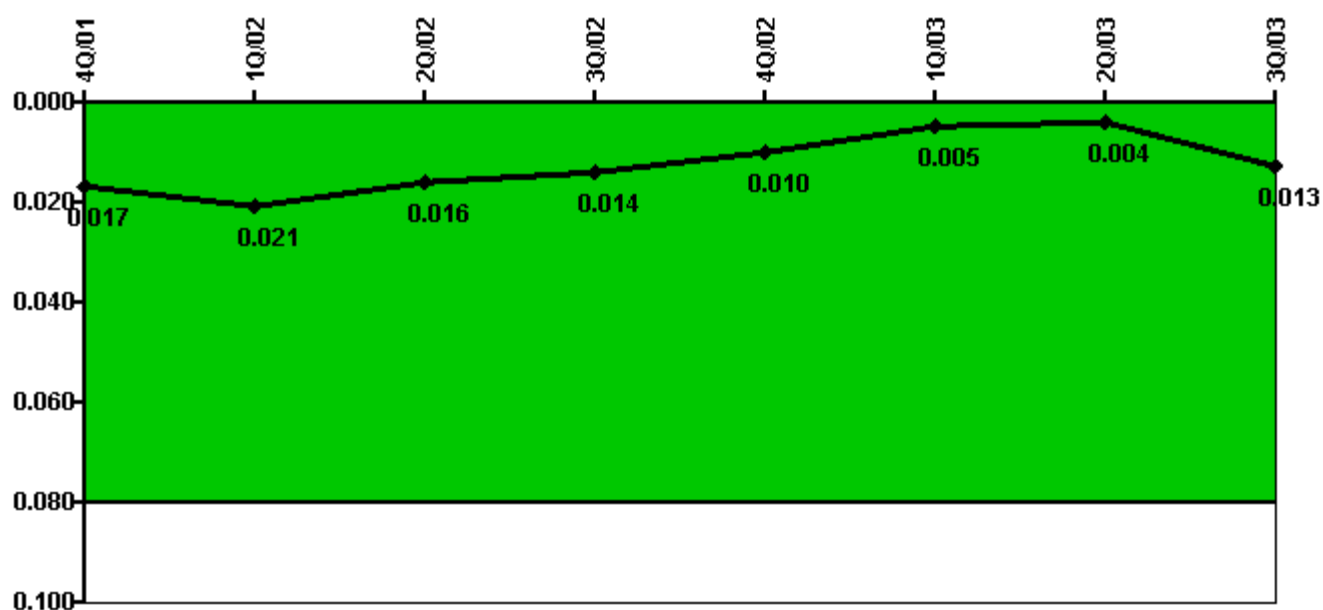
Thresholds: White > 1.0 Yellow > 3.0

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



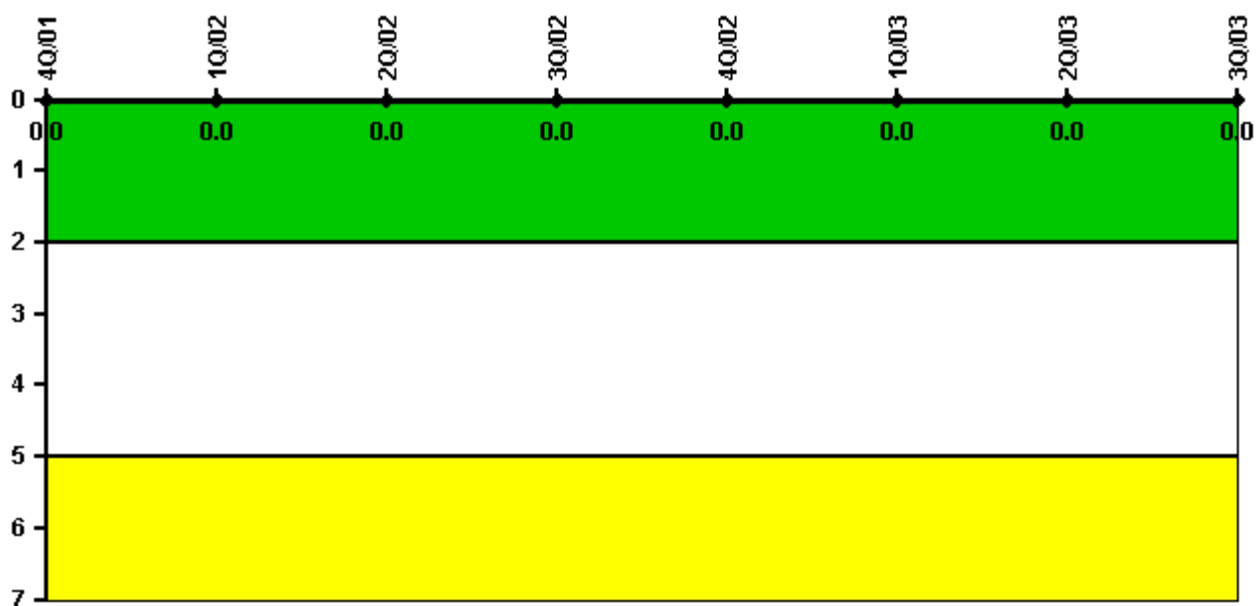
Thresholds: White > 0.080

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	148.00	156.70	122.20	40.70	10.50	0	69.90	33.60
CCTV compensatory hours	0	0	0	0	0	0	0	369.4
IDS normalization factor	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95
CCTV normalization factor	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
Index Value	0.017	0.021	0.016	0.014	0.010	0.005	0.004	0.013

Licensee Comments: none

Personnel Screening Program



Thresholds: White > 2.0 Yellow > 5.0

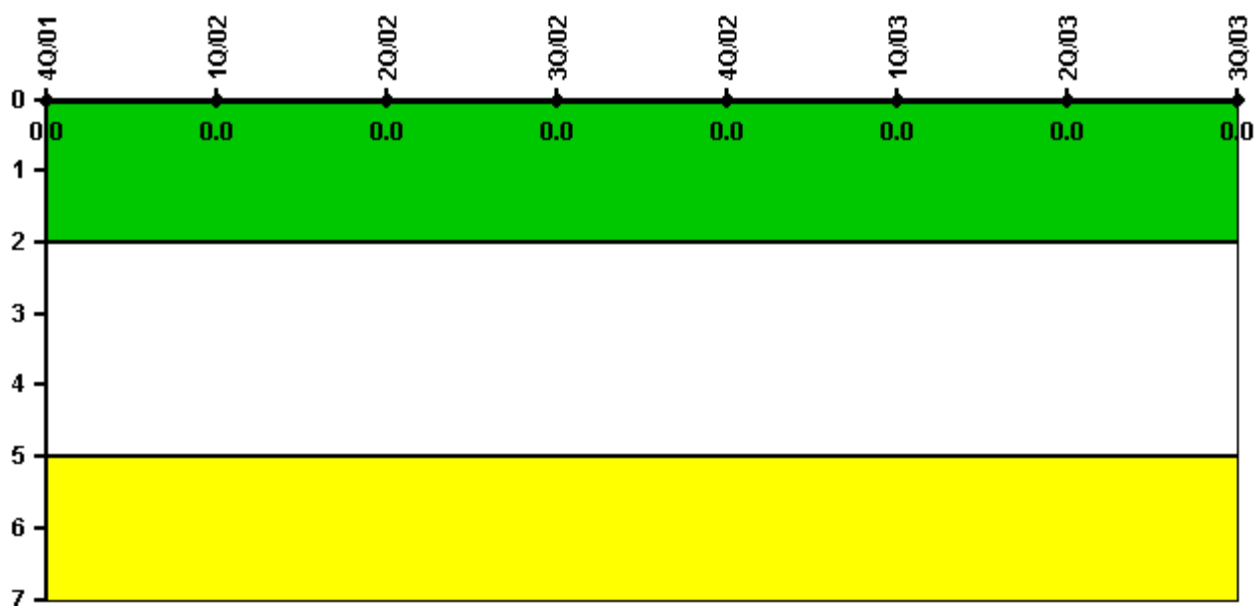
Notes

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:

1Q/03: Licensee Event Report 250/2003-001 cancelled, determined not to be reportable

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](#)

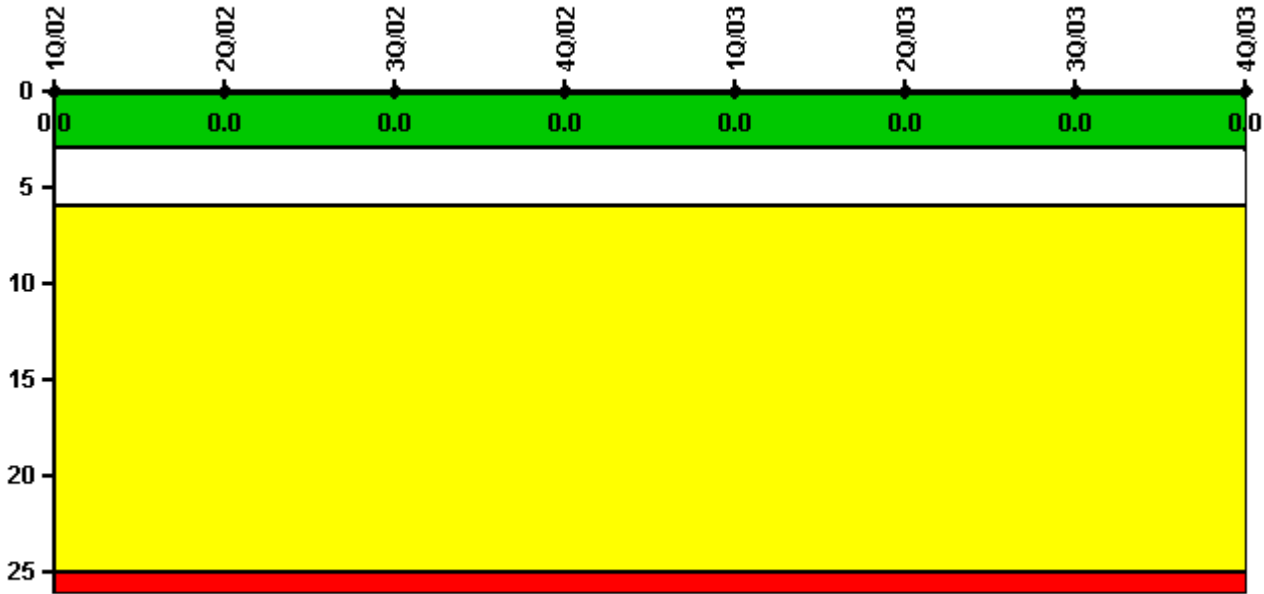
Last Modified: October 22, 2003

Turkey Point 4

4Q/2003 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



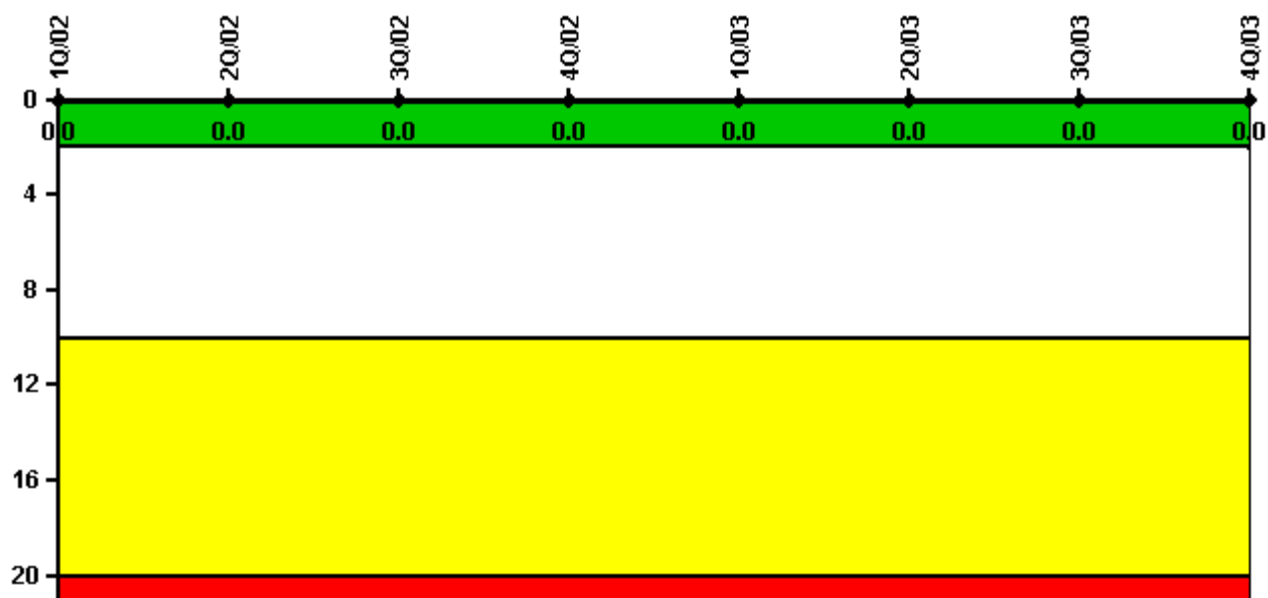
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	1944.0	2032.2	2208.0	2209.0	2160.0	2183.0	2208.0	1506.1
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



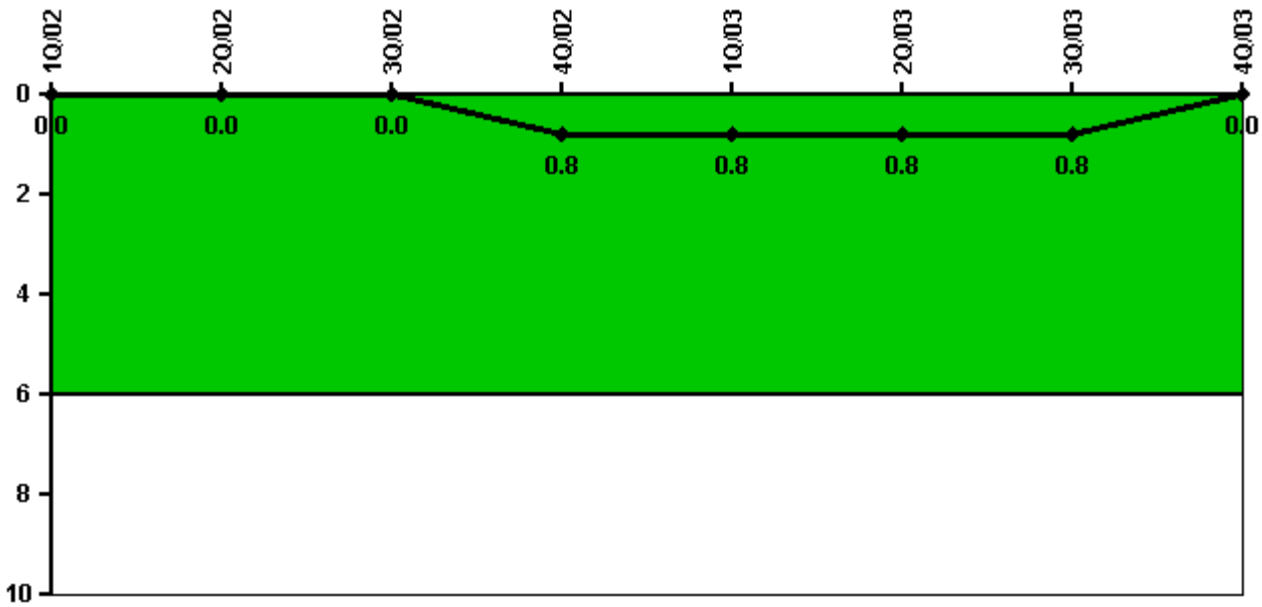
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



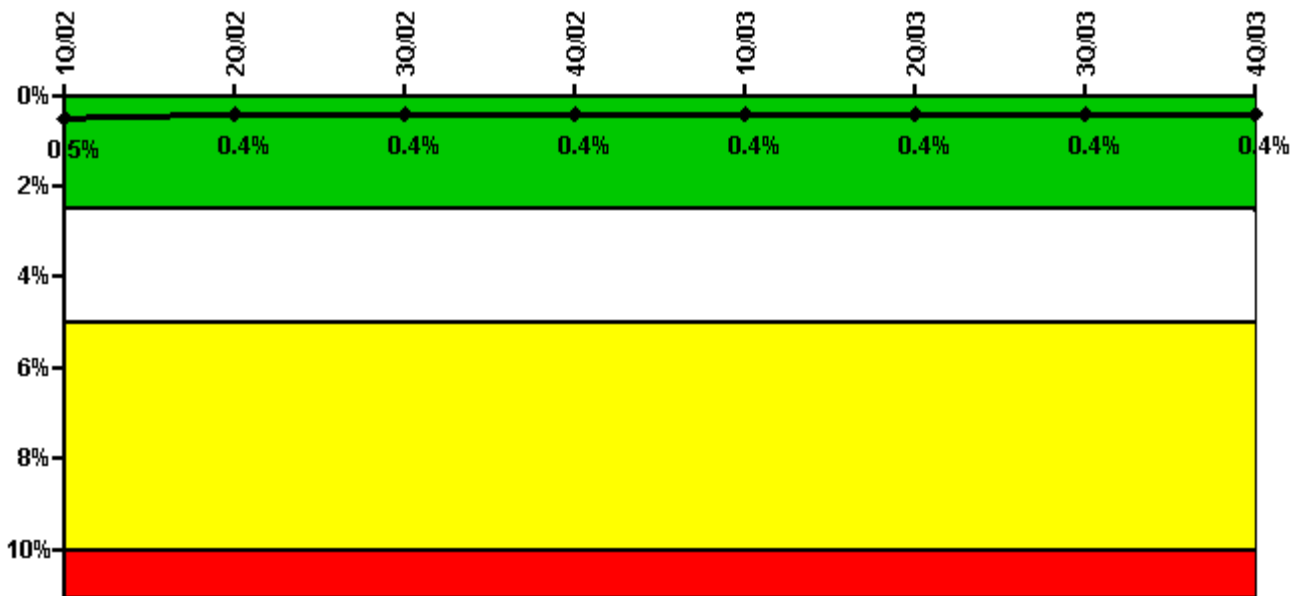
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Unplanned power changes	0	0	0	1.0	0	0	0	0
Critical hours	1944.0	2032.2	2208.0	2209.0	2160.0	2183.0	2208.0	1506.1
Indicator value	0	0	0	0.8	0.8	0.8	0.8	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



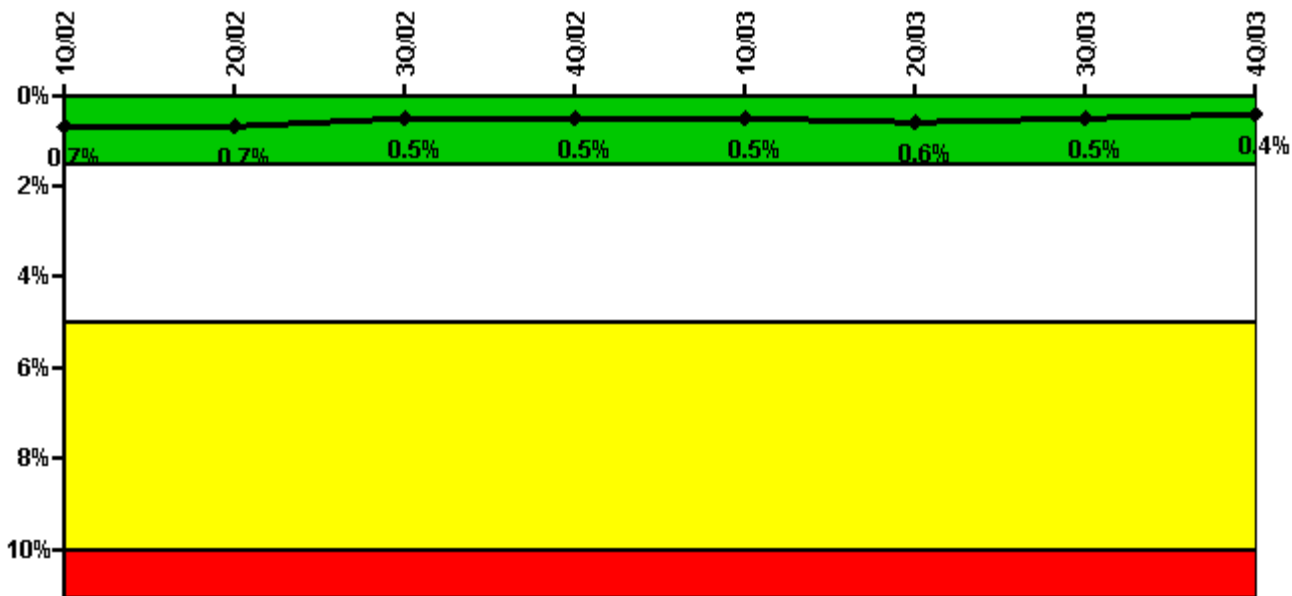
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Train 1								
Planned unavailable hours	2.90	2.40	0.80	3.20	1.60	8.60	4.40	1.60
Unplanned unavailable hours	9.10	0	0	0	0	7.30	4.50	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2056.80	2121.30	2208.00	2209.00	2160.00	2183.00	2208.00	1907.50
Train 2								
Planned unavailable hours	4.40	2.40	0.80	2.40	1.60	22.10	19.60	1.60
Unplanned unavailable hours	0	7.60	0	14.60	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	2056.80	2121.30	2208.00	2209.00	2160.00	2183.00	2208.00	1907.50
Indicator value	0.5%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



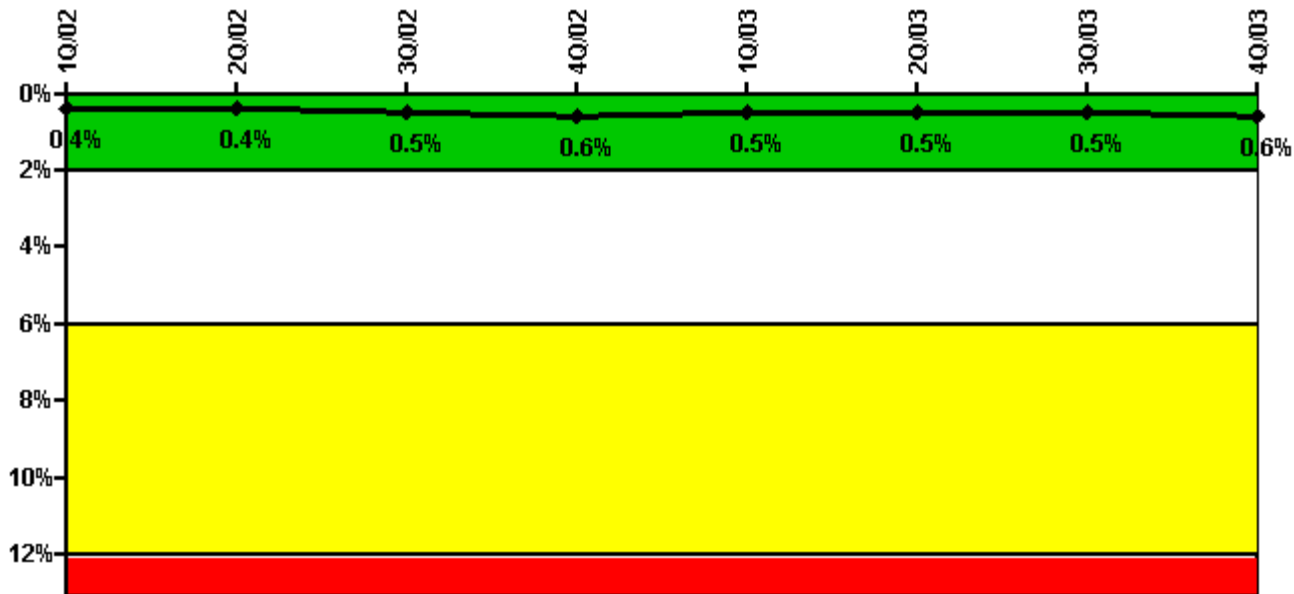
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Train 1								
Planned unavailable hours	15.10	0	1.90	0	0	6.50	0	22.20
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	1949.20	2050.50	2208.00	2209.00	2160.00	2183.00	2208.00	1586.00
Train 2								
Planned unavailable hours	8.80	20.20	0	5.50	13.00	3.00	0	0.80
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	1949.20	2050.50	2208.00	2209.00	2160.00	2183.00	2208.00	1586.00
Indicator value	0.7%	0.7%	0.5%	0.5%	0.5%	0.6%	0.5%	0.4%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



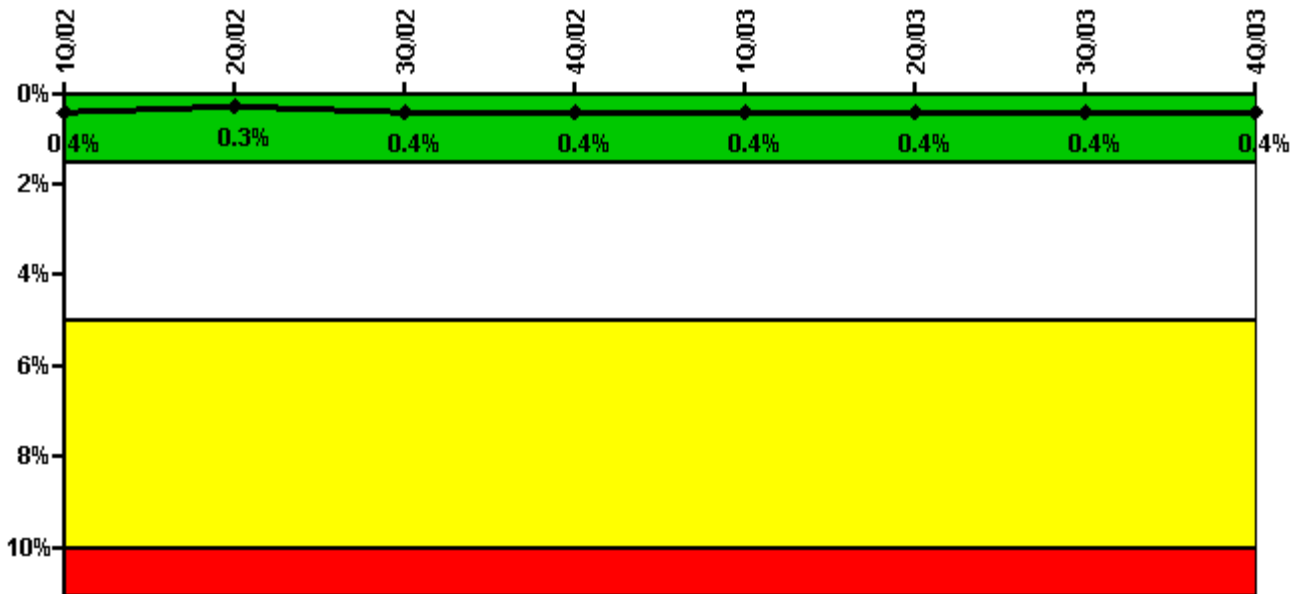
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Train 1								
Planned unavailable hours	0	11.80	8.00	21.60	0	12.80	4.90	38.00
Unplanned unavailable hours	0	0	0	6.90	11.20	2.50	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1949.20	2050.50	2208.00	2209.00	2160.00	2183.00	2208.00	1586.00
Train 2								
Planned unavailable hours	0	0	54.00	42.70	0	0	34.80	4.90
Unplanned unavailable hours	0	0	0	0	0	0	16.30	19.30
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1949.20	2050.50	2208.00	2209.00	2160.00	2183.00	2208.00	1586.00
Indicator value	0.4%	0.4%	0.5%	0.6%	0.5%	0.5%	0.5%	0.6%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



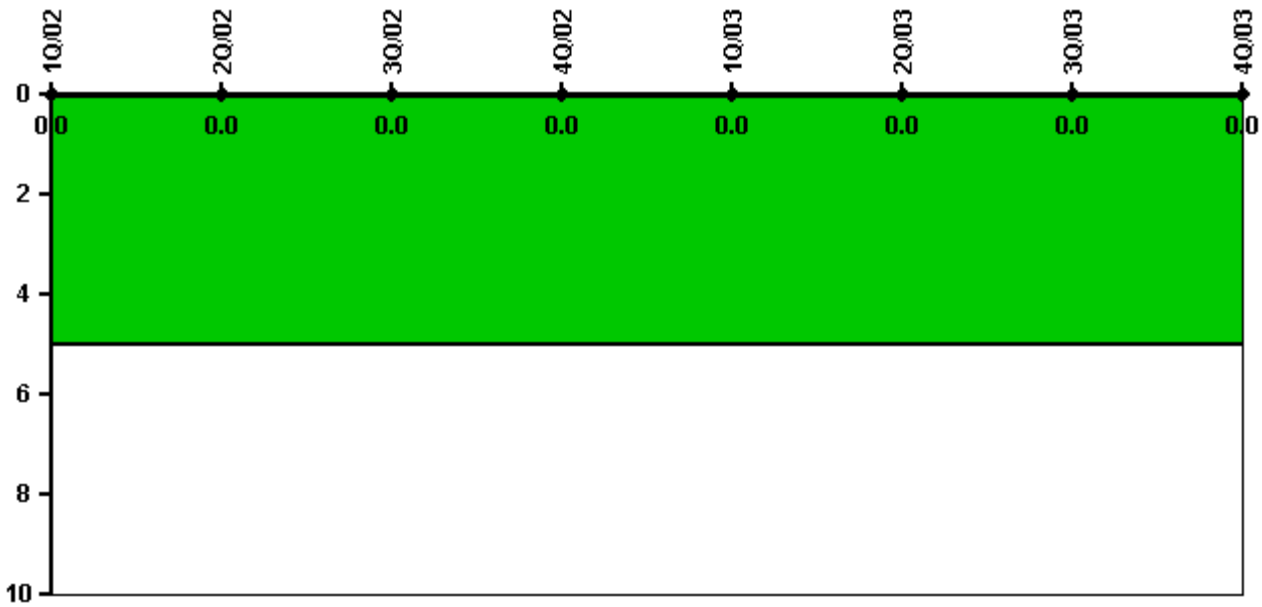
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

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	30.40	3.50	19.00	1.90	2.90	2.00	27.80	1.50
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	1980.00	2167.30	2208.00	2209.00	2160.00	2183.00	2208.00	1967.00
Train 2								
Planned unavailable hours	22.10	3.10	22.30	15.50	1.60	2.00	23.70	1.50
Unplanned unavailable hours	0	0.10	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	1980.00	2167.30	2208.00	2209.00	2160.00	2183.00	2208.00	1967.00
Indicator value	0.4%	0.3%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Functional Failures (PWR)



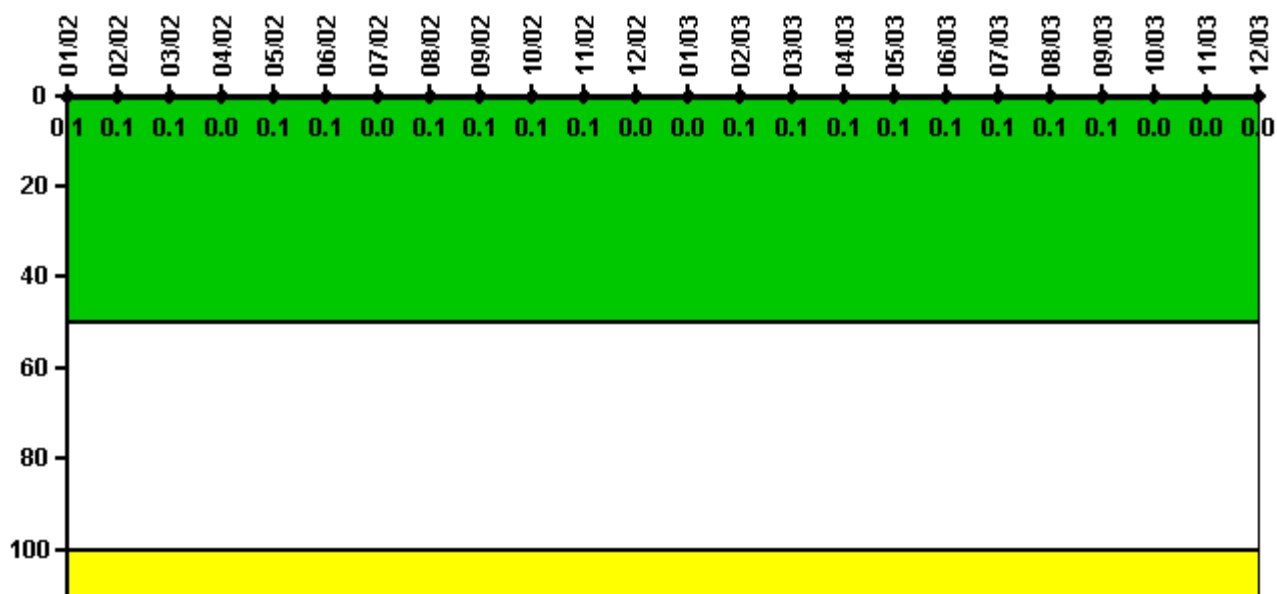
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

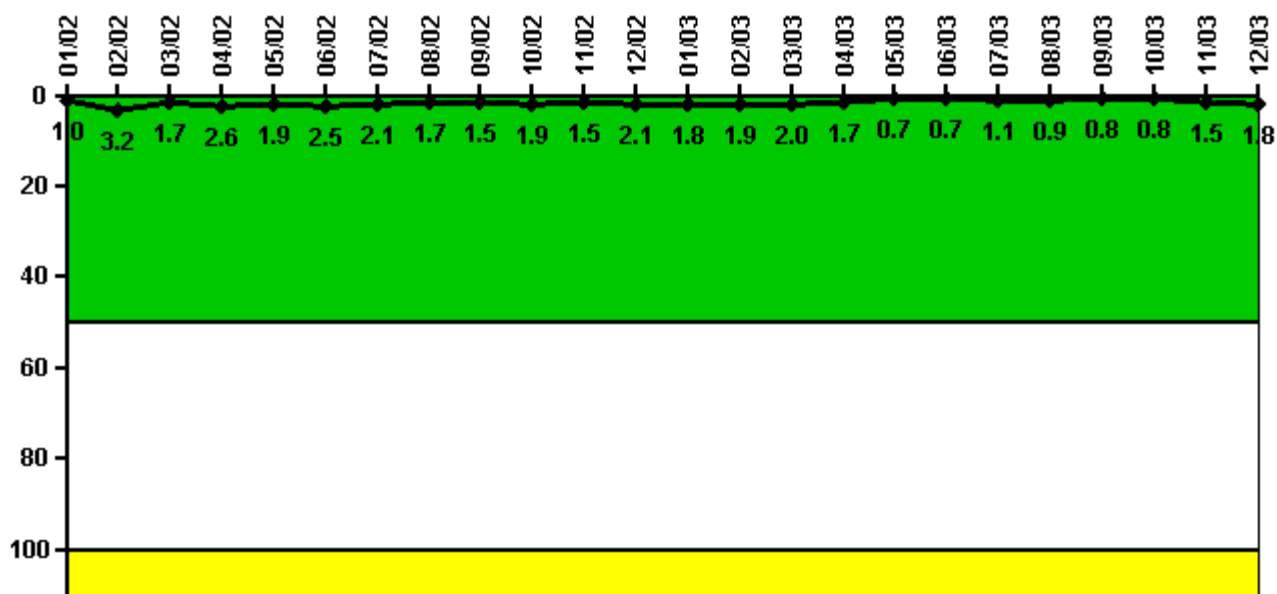
Notes

Reactor Coolant System Activity	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02
Maximum activity	0.001040	0.001020	0.001090	0.000438	0.000558	0.000854	0.000463	0.000519	0.000656	0.000530	0.000682	0.000391
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0	0.1	0.1	0	0.1	0.1	0.1	0.1	0

Reactor Coolant System Activity	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03
Maximum activity	0.000424	0.000780	0.000565	0.000678	0.000723	0.000706	0.000799	0.000739	0.000972	0	0.000382	0.000398
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

Notes

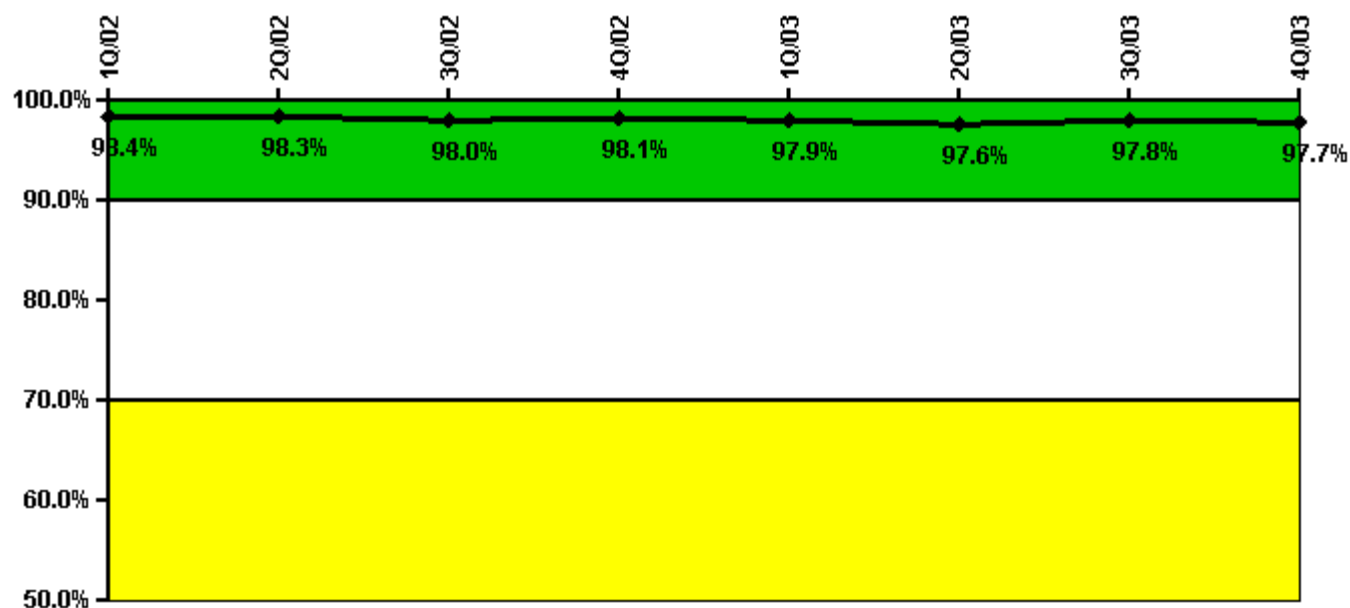
Reactor Coolant System Leakage	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02
Maximum leakage	0.100	0.320	0.170	0.260	0.190	0.250	0.210	0.170	0.150	0.190	0.150	0.210
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.0	3.2	1.7	2.6	1.9	2.5	2.1	1.7	1.5	1.9	1.5	2.1

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	0.180	0.190	0.200	0.170	0.070	0.070	0.110	0.090	0.080	0.080	0.150	0.180
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.8	1.9	2.0	1.7	0.7	0.7	1.1	0.9	0.8	0.8	1.5	1.8

Licensee Comments:

12/03: Unit 4 Cycle 21 refueling outage 10/6/2003 - 11/5/2003

Drill/Exercise Performance



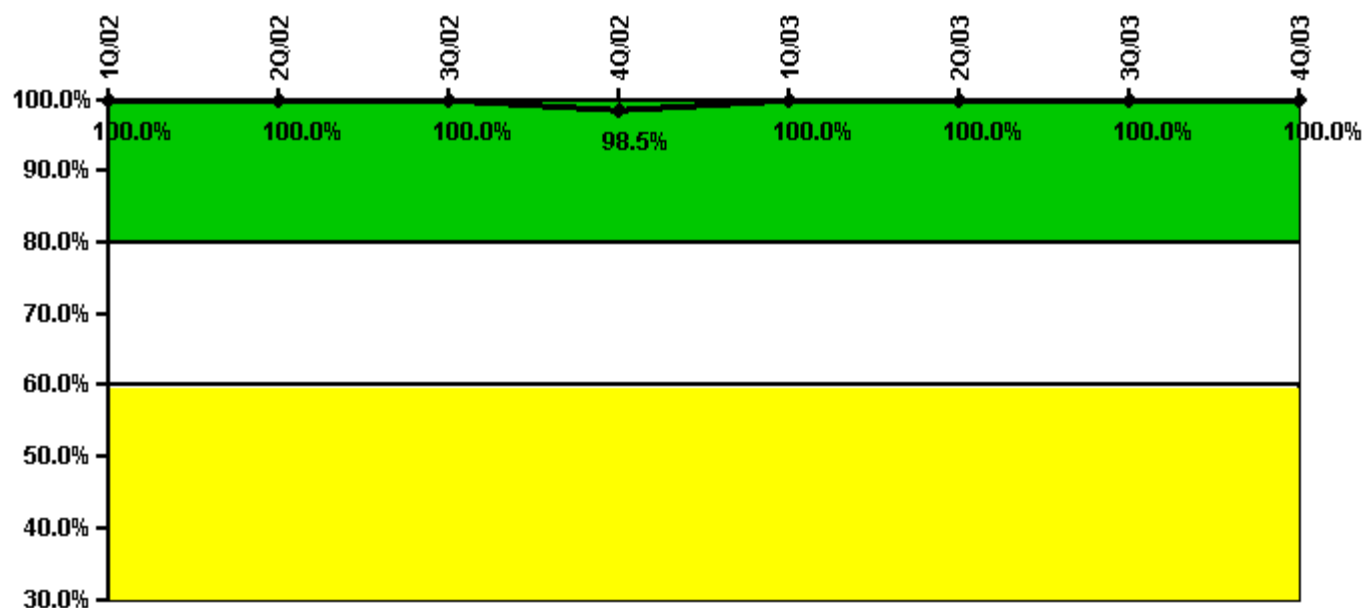
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Successful opportunities	46.0	38.0	39.0	37.0	68.0	56.0	26.0	25.0
Total opportunities	49.0	38.0	40.0	37.0	70.0	58.0	26.0	25.0
Indicator value	98.4%	98.3%	98.0%	98.1%	97.9%	97.6%	97.8%	97.7%

Licensee Comments: none

ERO Drill Participation



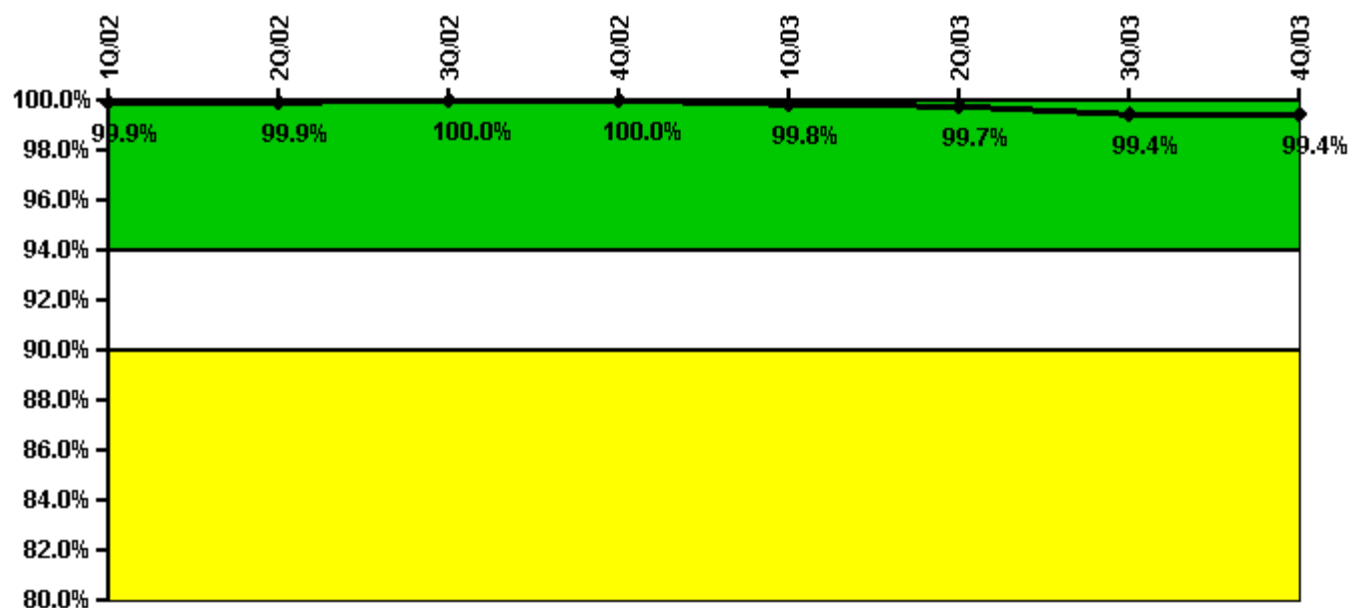
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Participating Key personnel	70.0	67.0	66.0	65.0	67.0	69.0	68.0	70.0
Total Key personnel	70.0	67.0	66.0	66.0	67.0	69.0	68.0	70.0
Indicator value	100.0%	100.0%	100.0%	98.5%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



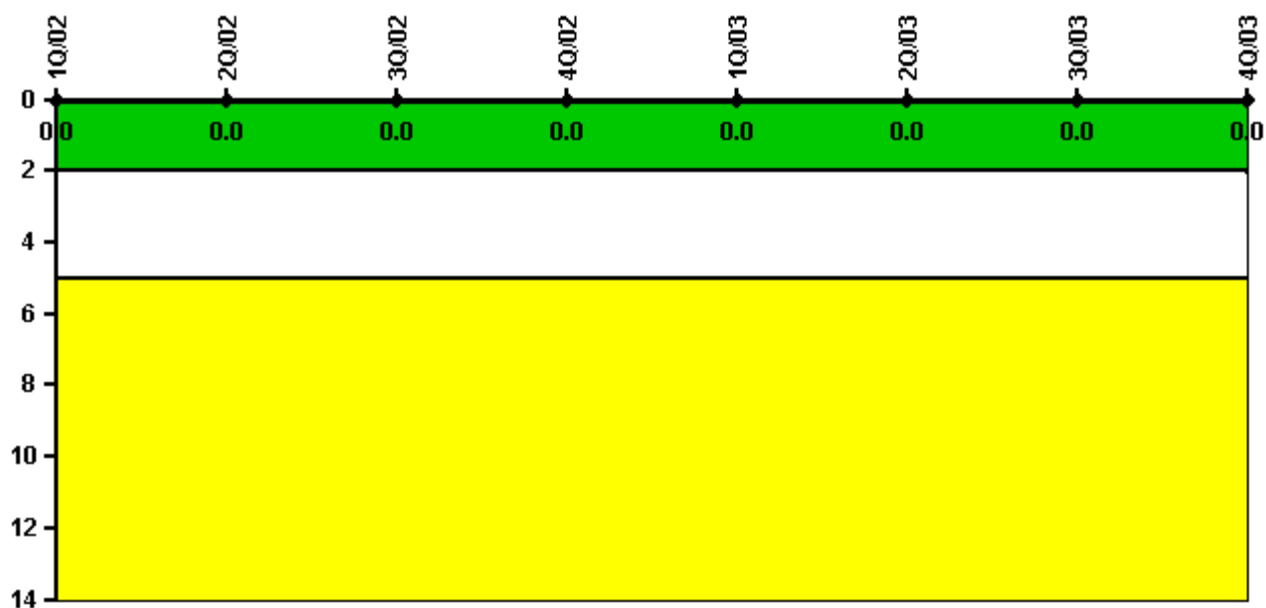
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Successful siren-tests	329	376	329	376	279	375	278	376
Total sirens-tests	329	376	329	376	282	376	282	376
Indicator value	99.9%	99.9%	100.0%	100.0%	99.8%	99.7%	99.4%	99.4%

Licensee Comments: none

Occupational Exposure Control Effectiveness

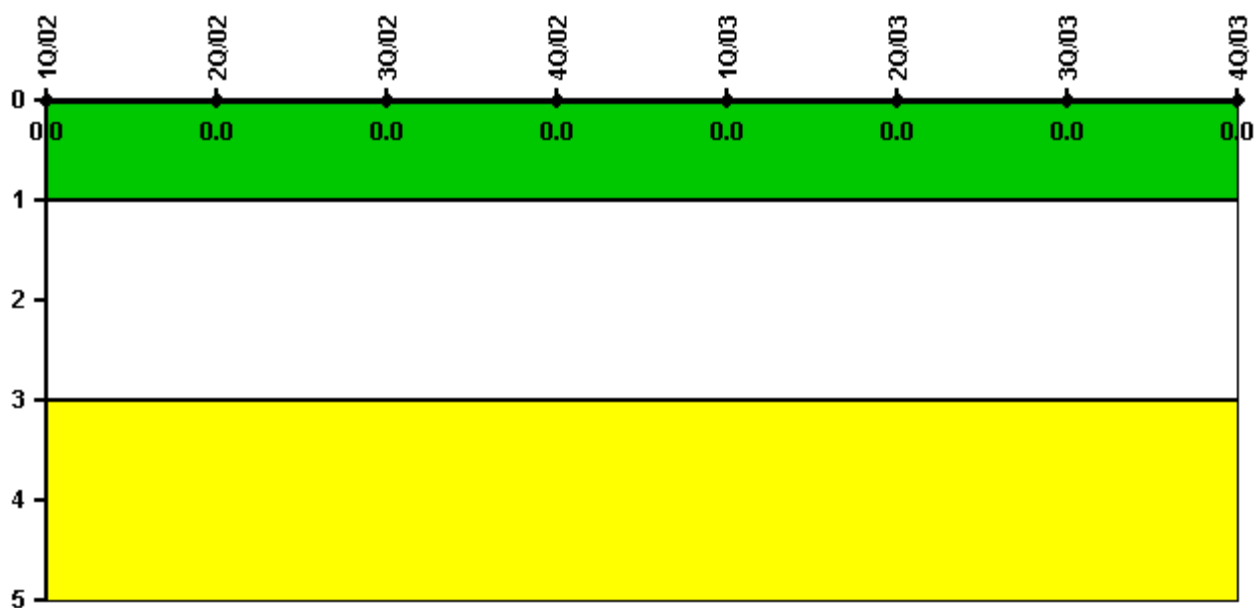


Thresholds: White > 2.0 Yellow > 5.0

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

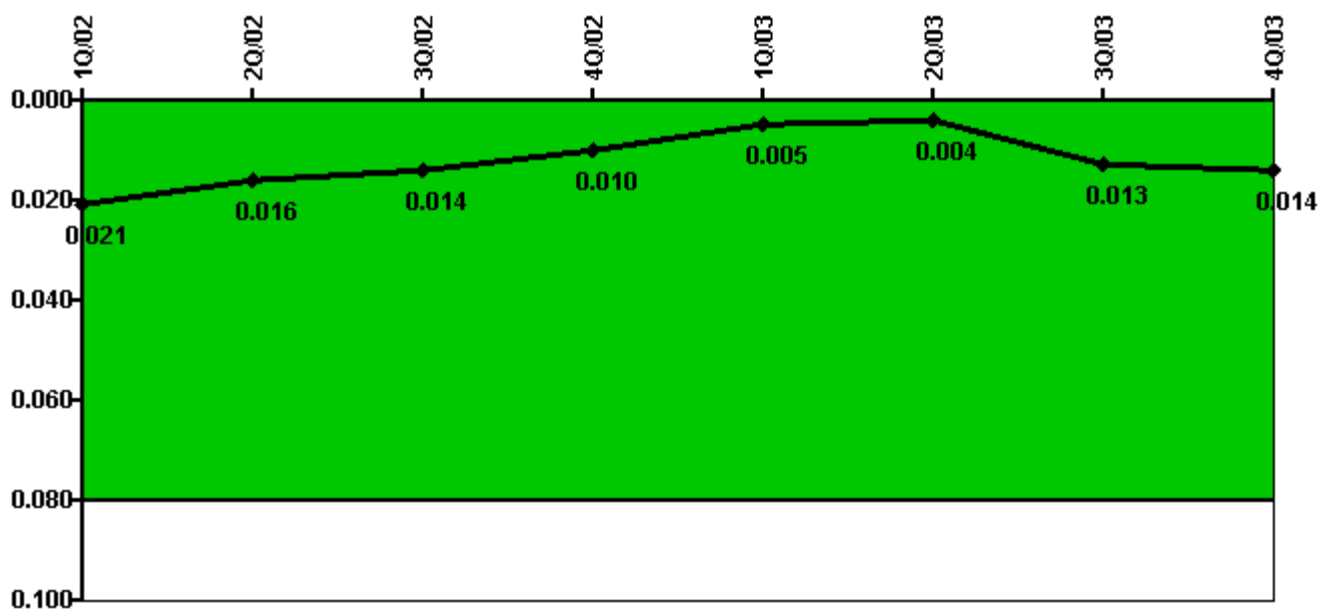
Thresholds: White > 1.0 Yellow > 3.0

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



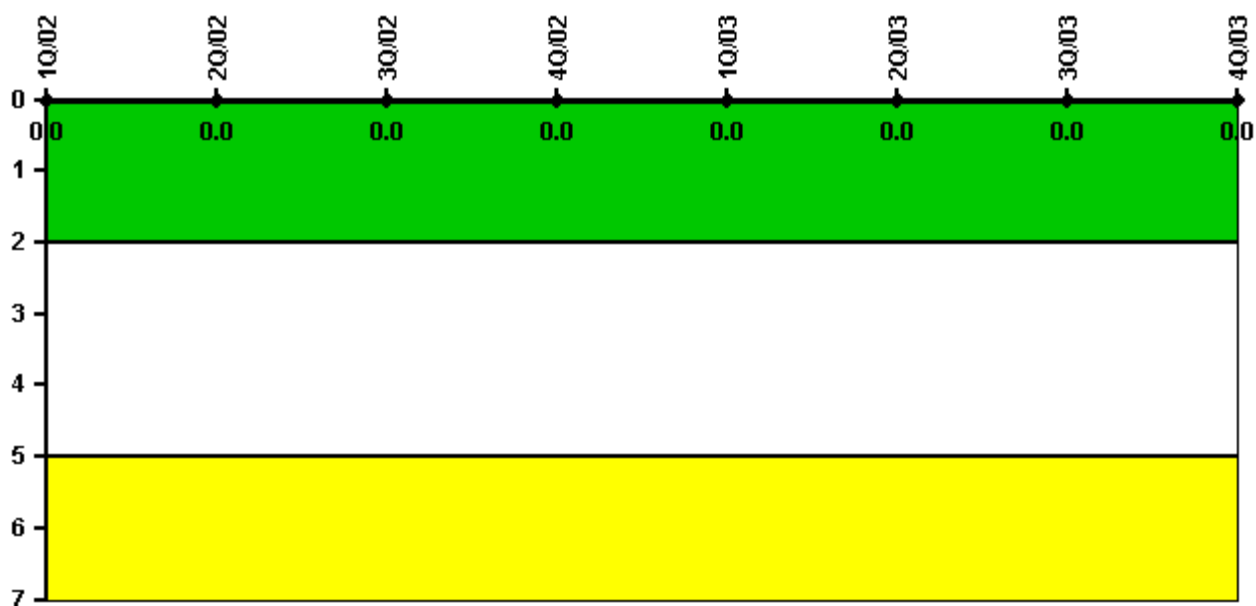
Thresholds: White > 0.080

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	156.70	122.20	40.70	10.50	0	69.90	33.60	20.50
CCTV compensatory hours	0	0	0	0	0	0	369.4	6.6
IDS normalization factor	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95
CCTV normalization factor	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
Index Value	0.021	0.016	0.014	0.010	0.005	0.004	0.013	0.014

Licensee Comments: none

Personnel Screening Program



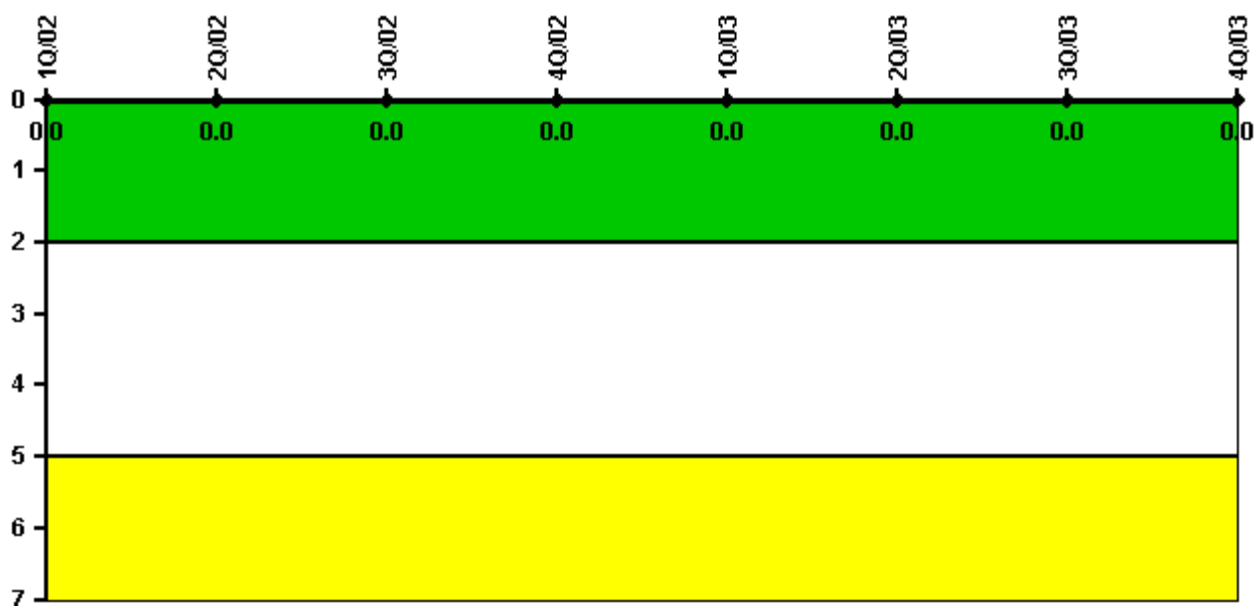
Thresholds: White > 2.0 Yellow > 5.0

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](#)

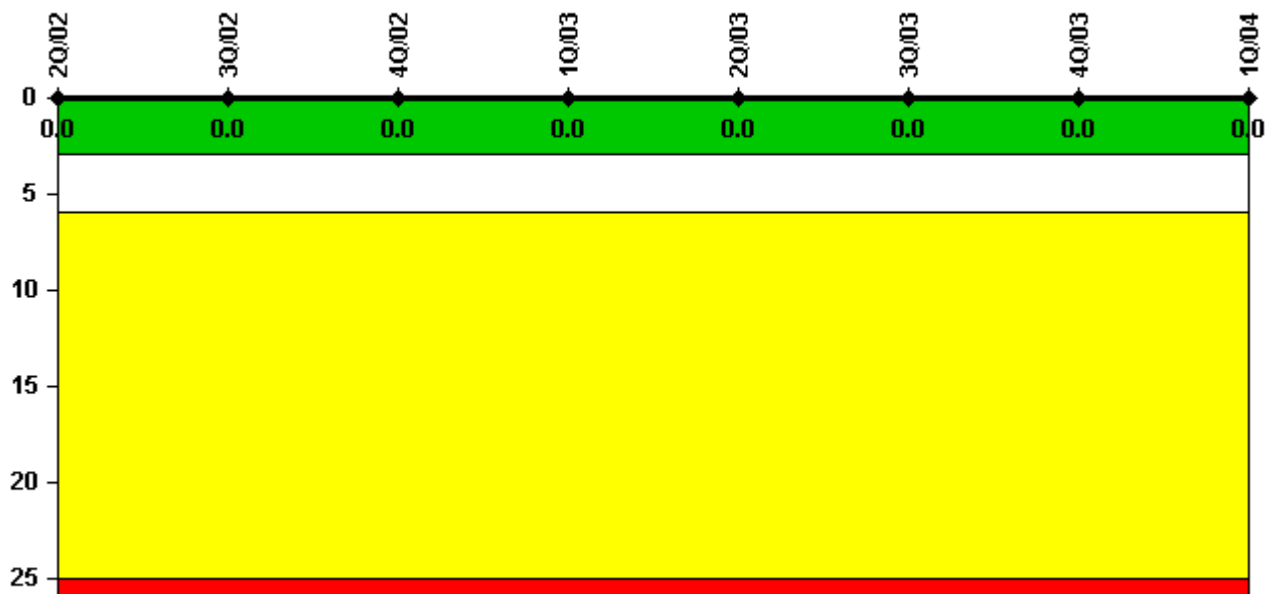
Last Modified: January 23, 2004

Turkey Point 4

1Q/2004 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



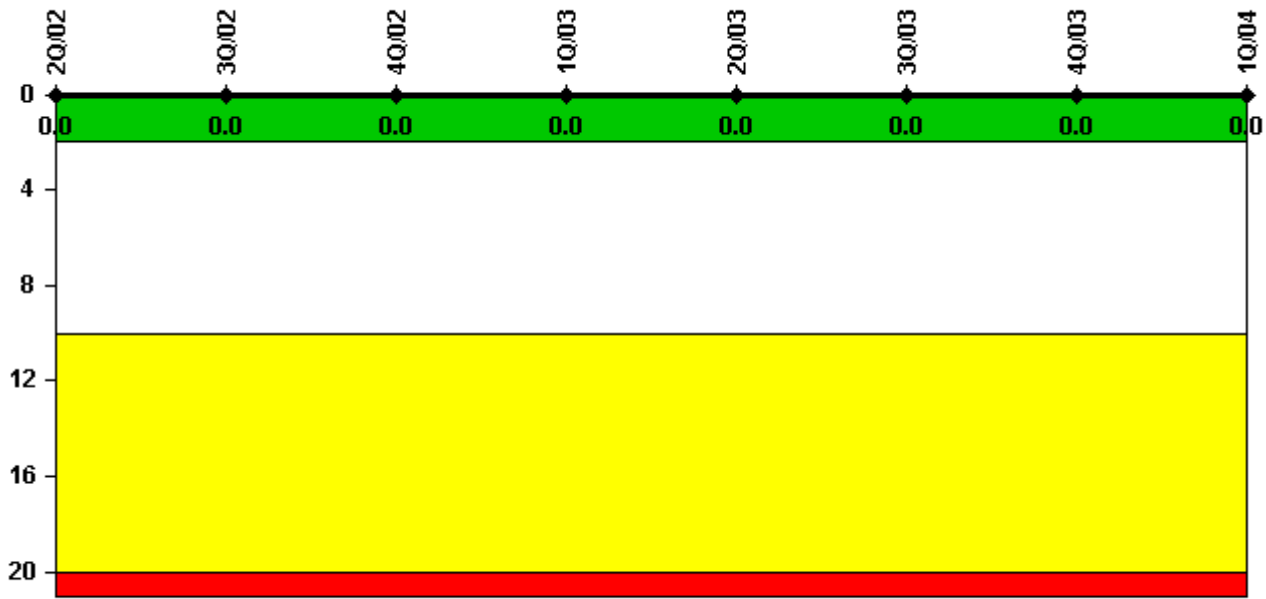
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2032.2	2208.0	2209.0	2160.0	2183.0	2208.0	1506.1	2184.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



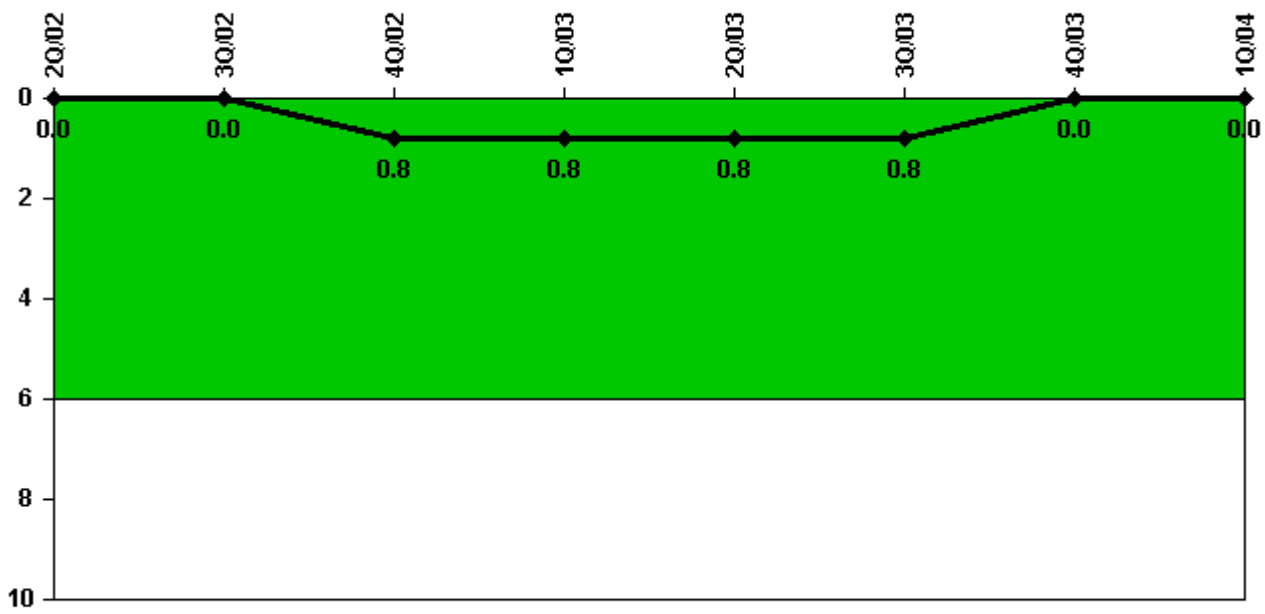
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



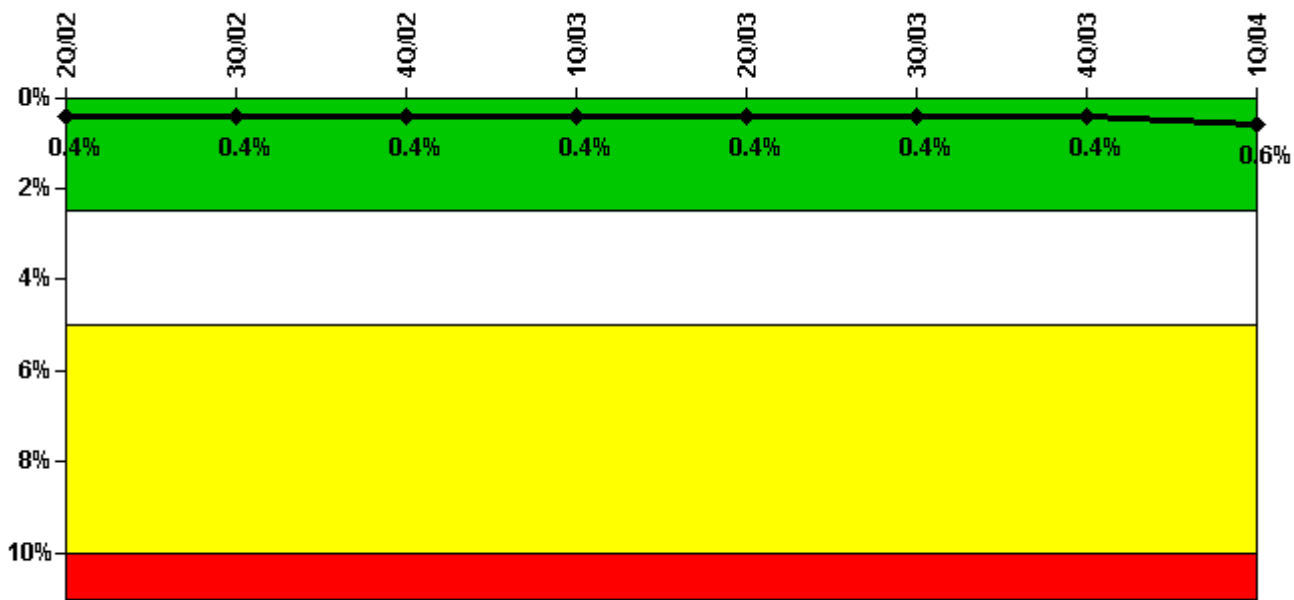
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Unplanned power changes	0	0	1.0	0	0	0	0	0
Critical hours	2032.2	2208.0	2209.0	2160.0	2183.0	2208.0	1506.1	2184.0
Indicator value	0	0	0.8	0.8	0.8	0.8	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



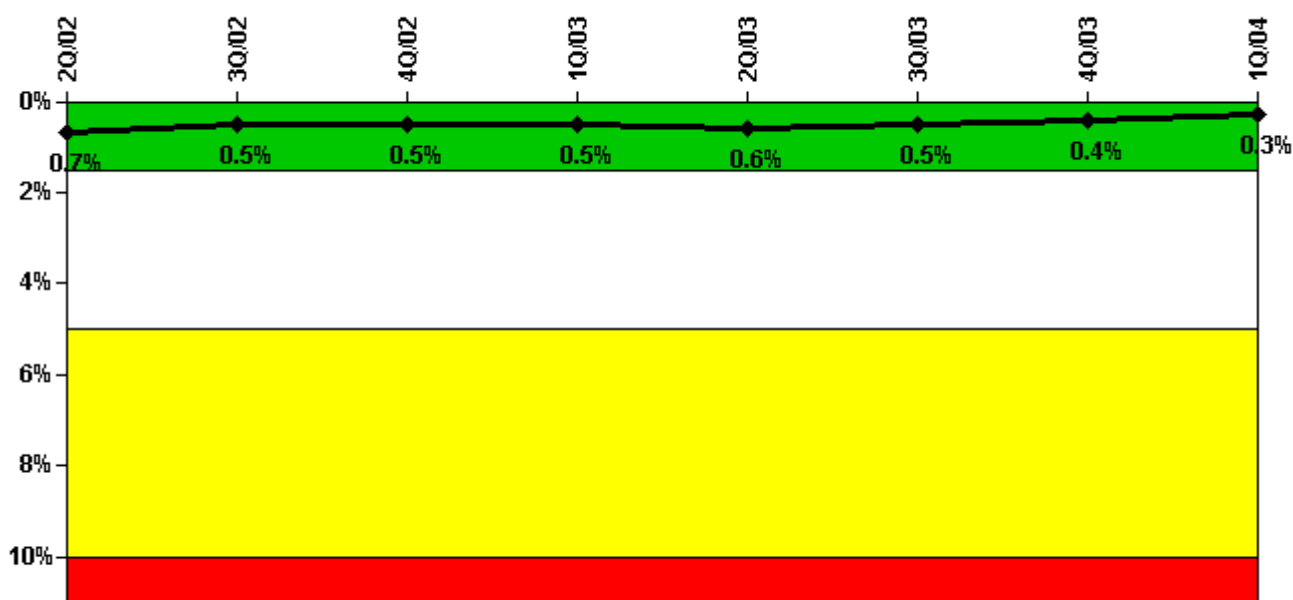
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	2.40	0.80	3.20	1.60	8.60	4.40	1.60	2.70
Unplanned unavailable hours	0	0	0	0	7.30	4.50	0	72.60
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2121.30	2208.00	2209.00	2160.00	2183.00	2208.00	1907.50	2184.00
Train 2								
Planned unavailable hours	2.40	0.80	2.40	1.60	22.10	19.60	1.60	12.00
Unplanned unavailable hours	7.60	0	14.60	0	0	0	0	3.60
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2121.30	2208.00	2209.00	2160.00	2183.00	2208.00	1907.50	2184.00
Indicator value	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.6%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



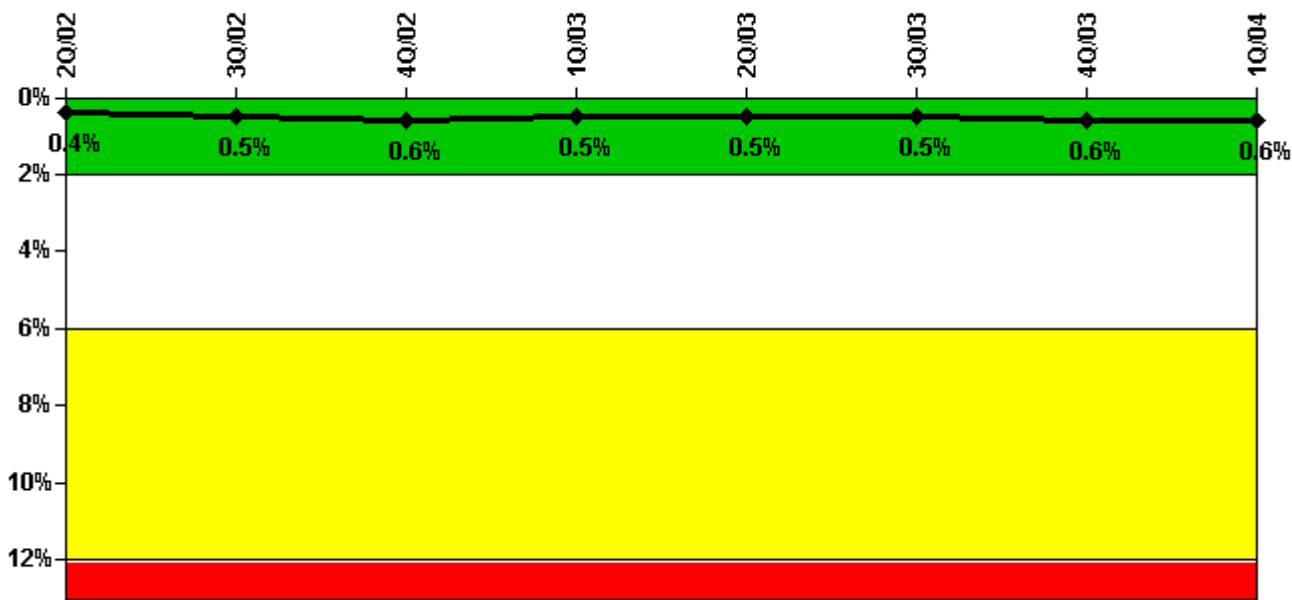
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	0	1.90	0	0	6.50	0	22.20	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2050.50	2208.00	2209.00	2160.00	2183.00	2208.00	1586.00	2184.00
Train 2								
Planned unavailable hours	20.20	0	5.50	13.00	3.00	0	0.80	16.90
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	2050.50	2208.00	2209.00	2160.00	2183.00	2208.00	1586.00	2184.00
Indicator value	0.7%	0.5%	0.5%	0.5%	0.6%	0.5%	0.4%	0.3%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



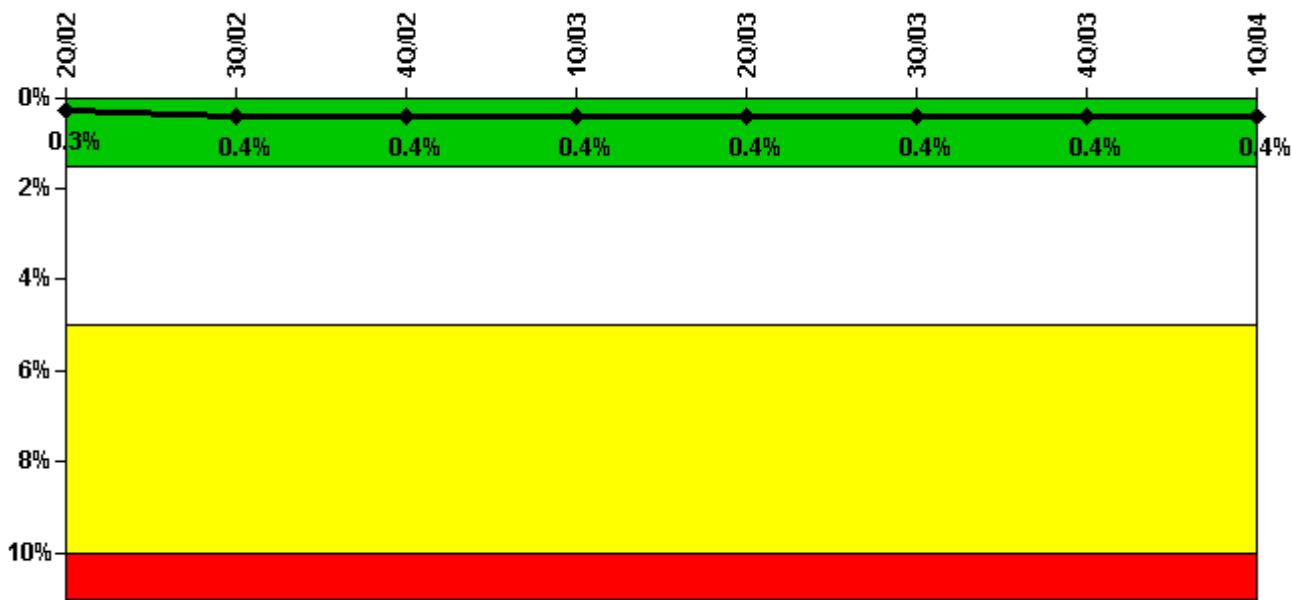
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	11.80	8.00	21.60	0	12.80	4.90	38.00	0
Unplanned unavailable hours	0	0	6.90	11.20	2.50	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2050.50	2208.00	2209.00	2160.00	2183.00	2208.00	1586.00	2184.00
Train 2								
Planned unavailable hours	0	54.00	42.70	0	0	34.80	4.90	0
Unplanned unavailable hours	0	0	0	0	0	16.30	19.30	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	2050.50	2208.00	2209.00	2160.00	2183.00	2208.00	1586.00	2184.00
Indicator value	0.4%	0.5%	0.6%	0.5%	0.5%	0.5%	0.6%	0.6%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



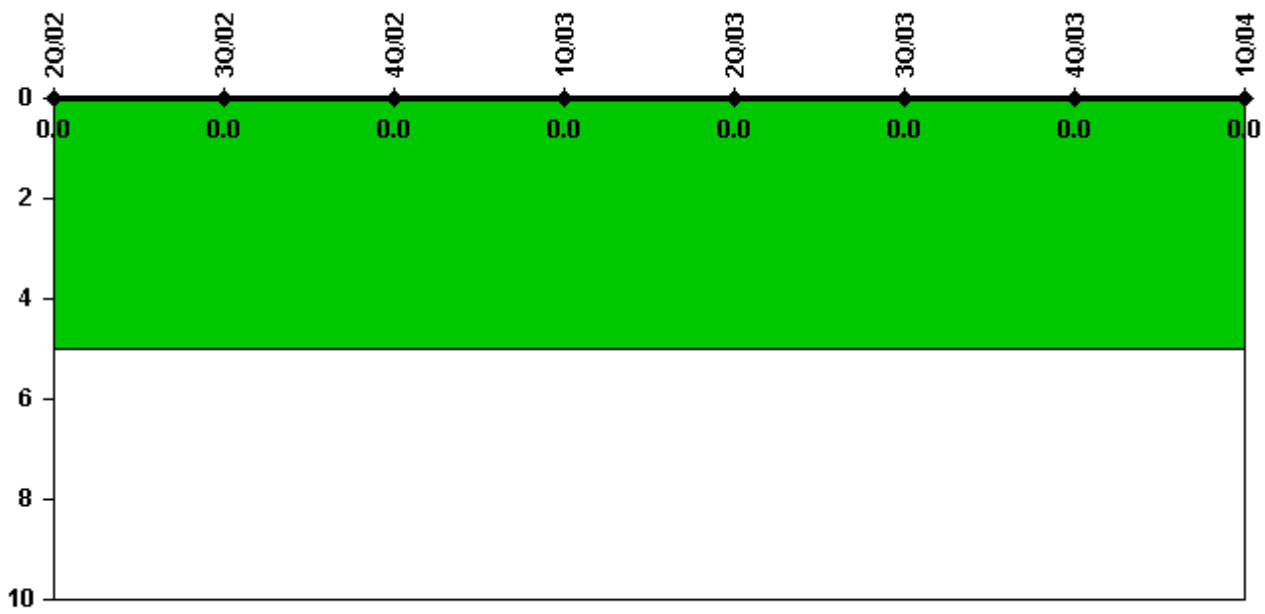
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	3.50	19.00	1.90	2.90	2.00	27.80	1.50	14.37
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	2167.30	2208.00	2209.00	2160.00	2183.00	2208.00	1967.00	2184.00
Train 2								
Planned unavailable hours	3.10	22.30	15.50	1.60	2.00	23.70	1.50	3.23
Unplanned unavailable hours	0.10	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	2167.30	2208.00	2209.00	2160.00	2183.00	2208.00	1967.00	2184.00
Indicator value	0.3%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Functional Failures (PWR)



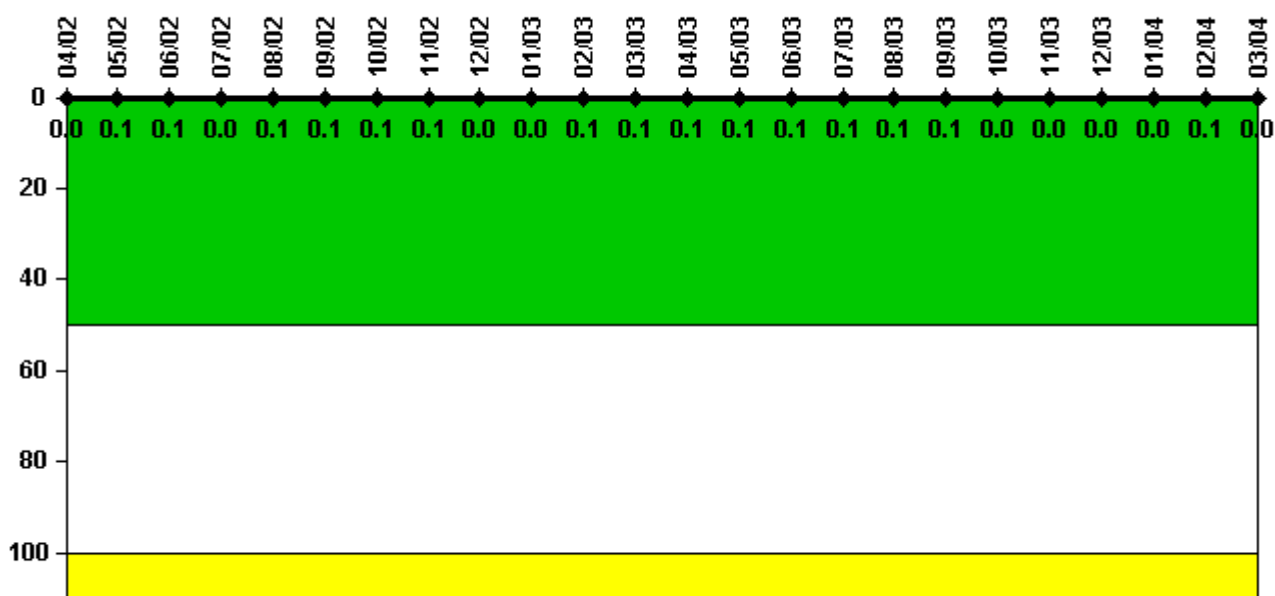
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

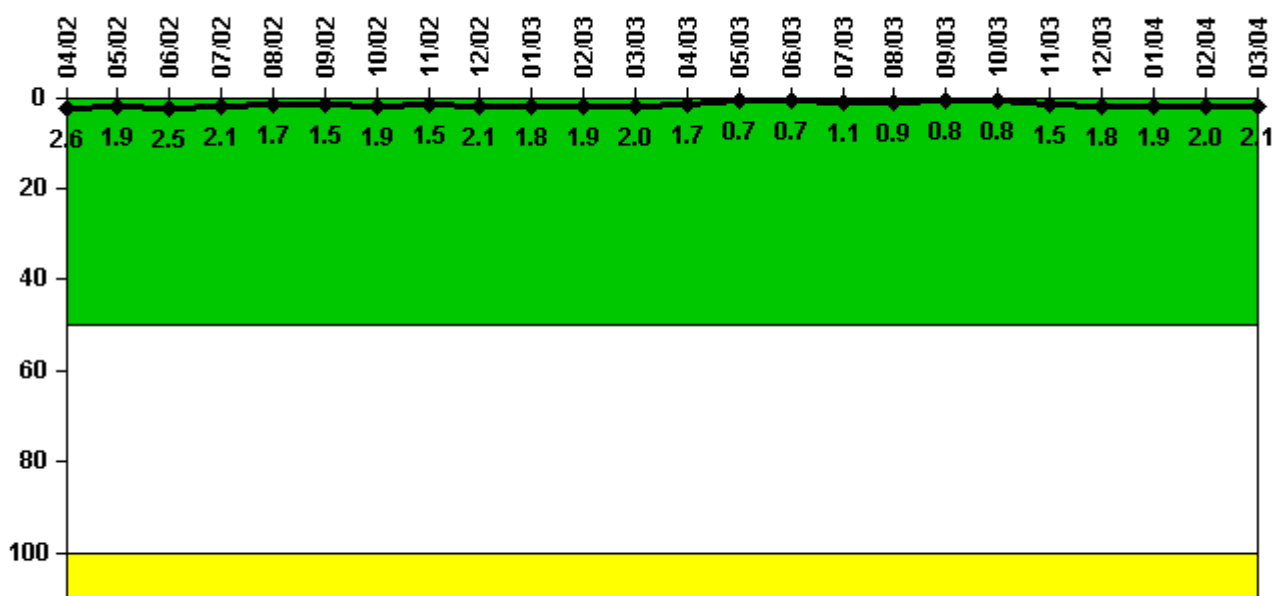
Notes

Reactor Coolant System Activity	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03
Maximum activity	0.000438	0.000558	0.000854	0.000463	0.000519	0.000656	0.000530	0.000682	0.000391	0.000424	0.000780	0.000565
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0.1	0.1	0	0.1	0.1	0.1	0.1	0	0	0.1	0.1

Reactor Coolant System Activity	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04
Maximum activity	0.000678	0.000723	0.000706	0.000799	0.000739	0.000972	0	0.000382	0.000398	0.000405	0.000566	0.000442
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0	0	0	0	0.1	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

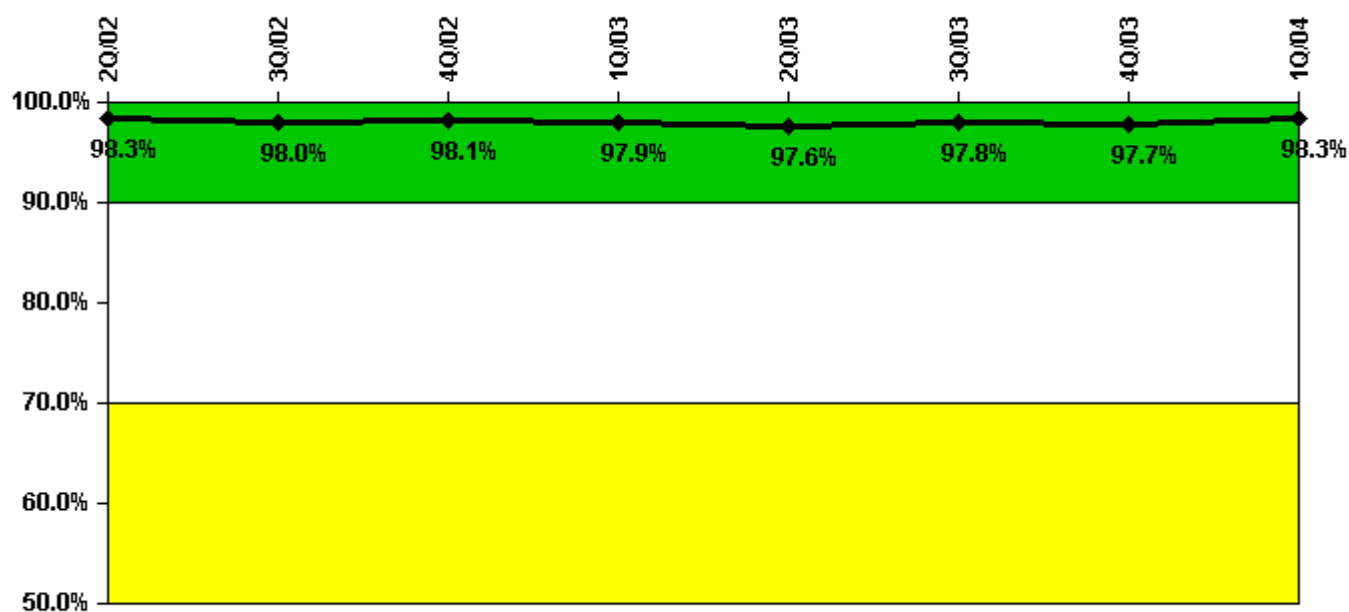
Notes

Reactor Coolant System Leakage	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	0.260	0.190	0.250	0.210	0.170	0.150	0.190	0.150	0.210	0.180	0.190	0.200
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.6	1.9	2.5	2.1	1.7	1.5	1.9	1.5	2.1	1.8	1.9	2.0

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	0.170	0.070	0.070	0.110	0.090	0.080	0.080	0.150	0.180	0.190	0.200	0.210
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	1.7	0.7	0.7	1.1	0.9	0.8	0.8	1.5	1.8	1.9	2.0	2.1

Licensee Comments: none

Drill/Exercise Performance



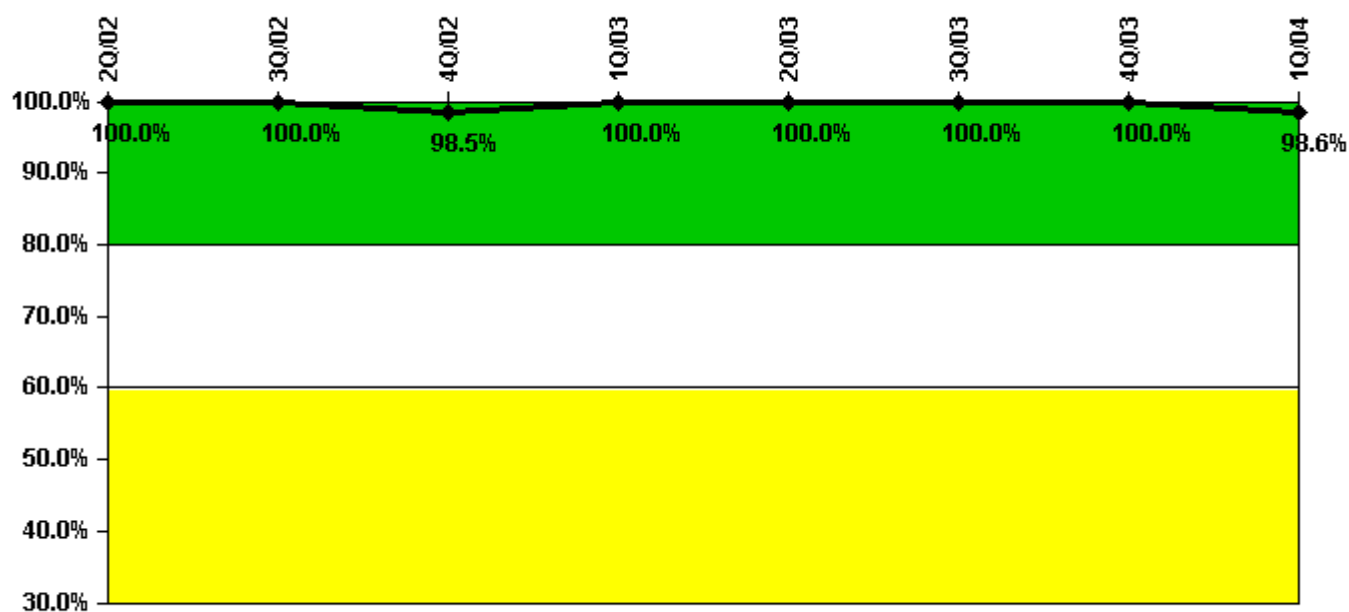
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Successful opportunities	38.0	39.0	37.0	68.0	56.0	26.0	25.0	57.0
Total opportunities	38.0	40.0	37.0	70.0	58.0	26.0	25.0	58.0
Indicator value	98.3%	98.0%	98.1%	97.9%	97.6%	97.8%	97.7%	98.3%

Licensee Comments: none

ERO Drill Participation



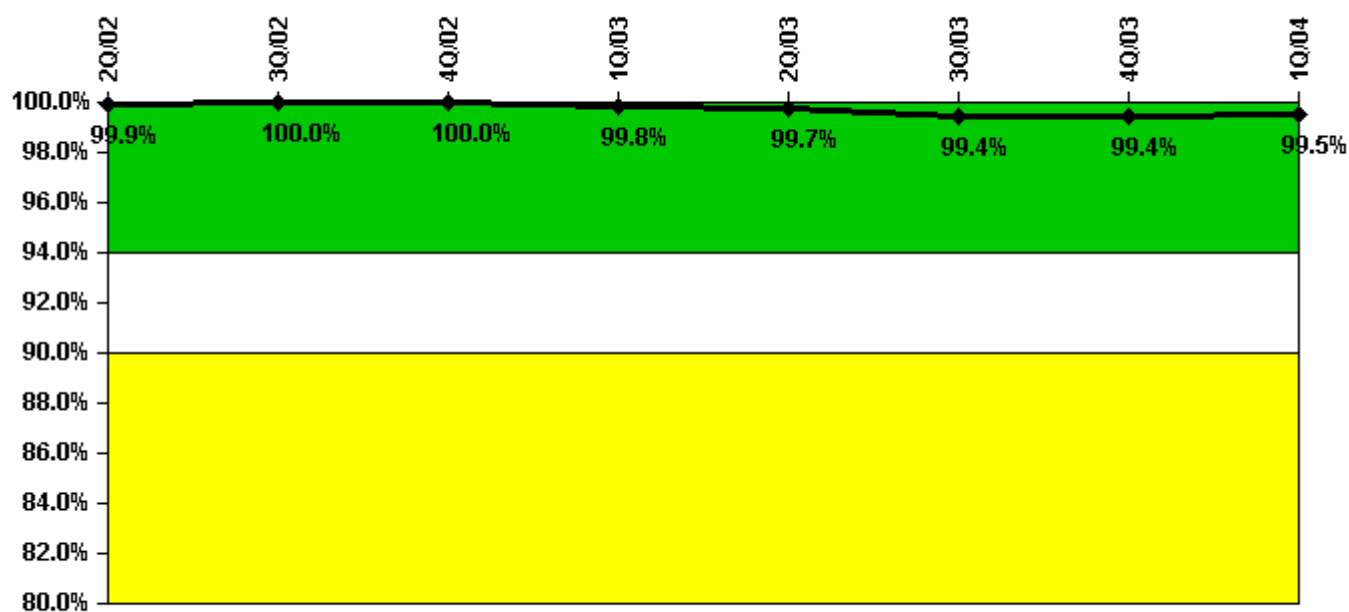
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Participating Key personnel	67.0	66.0	65.0	67.0	69.0	68.0	70.0	71.0
Total Key personnel	67.0	66.0	66.0	67.0	69.0	68.0	70.0	72.0
Indicator value	100.0%	100.0%	98.5%	100.0%	100.0%	100.0%	100.0%	98.6%

Licensee Comments: none

Alert & Notification System



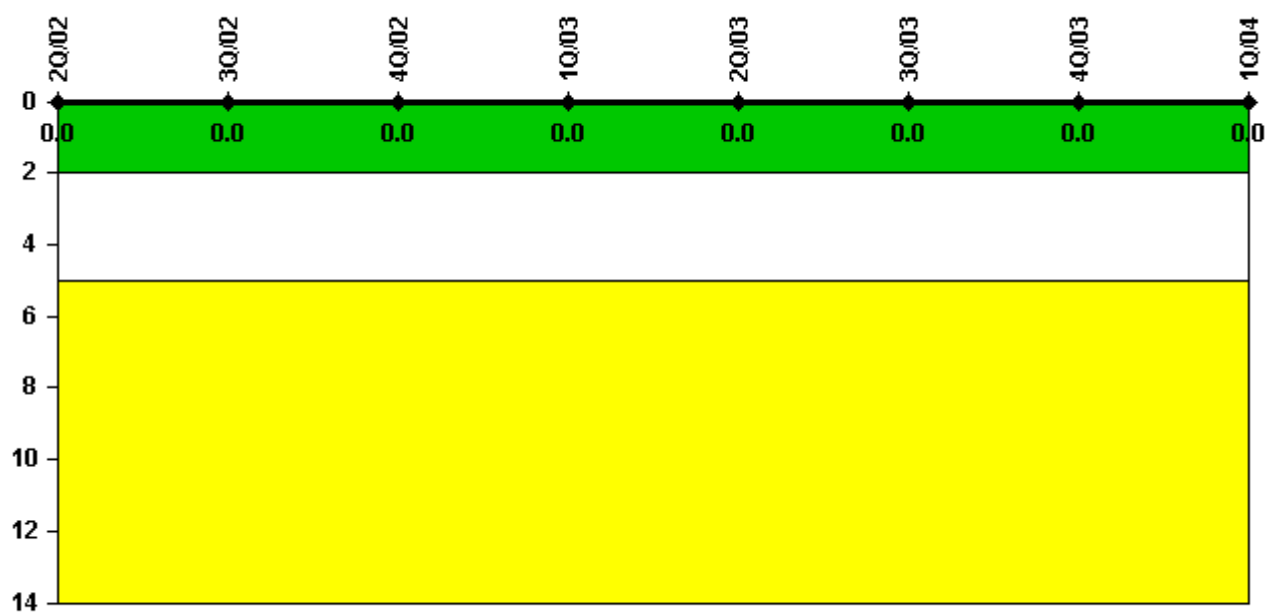
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Successful siren-tests	376	329	376	279	375	278	376	327
Total sirens-tests	376	329	376	282	376	282	376	329
Indicator value	99.9%	100.0%	100.0%	99.8%	99.7%	99.4%	99.4%	99.5%

Licensee Comments: none

Occupational Exposure Control Effectiveness

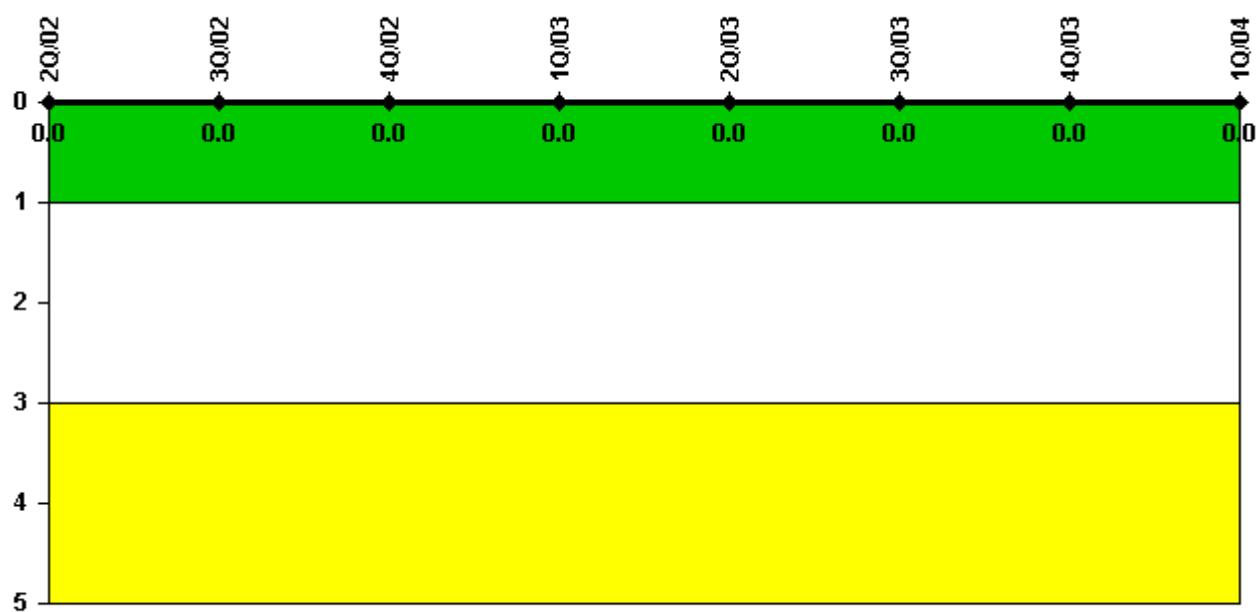


Thresholds: White > 2.0 Yellow > 5.0

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

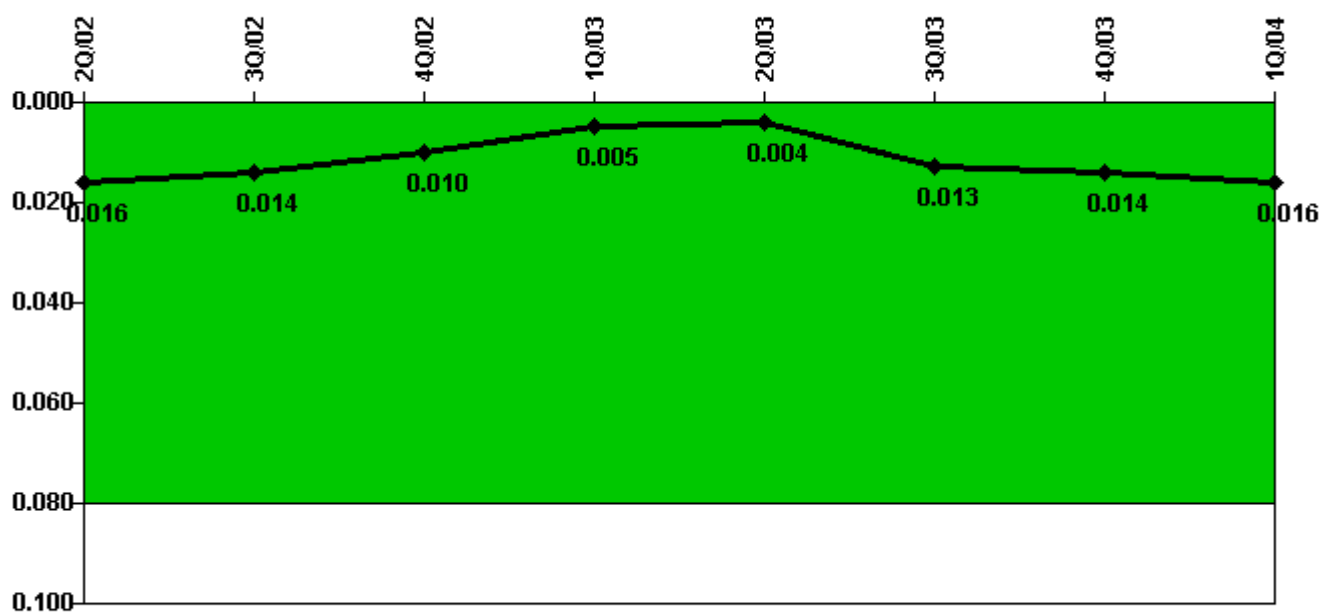
Thresholds: White > 1.0 Yellow > 3.0

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



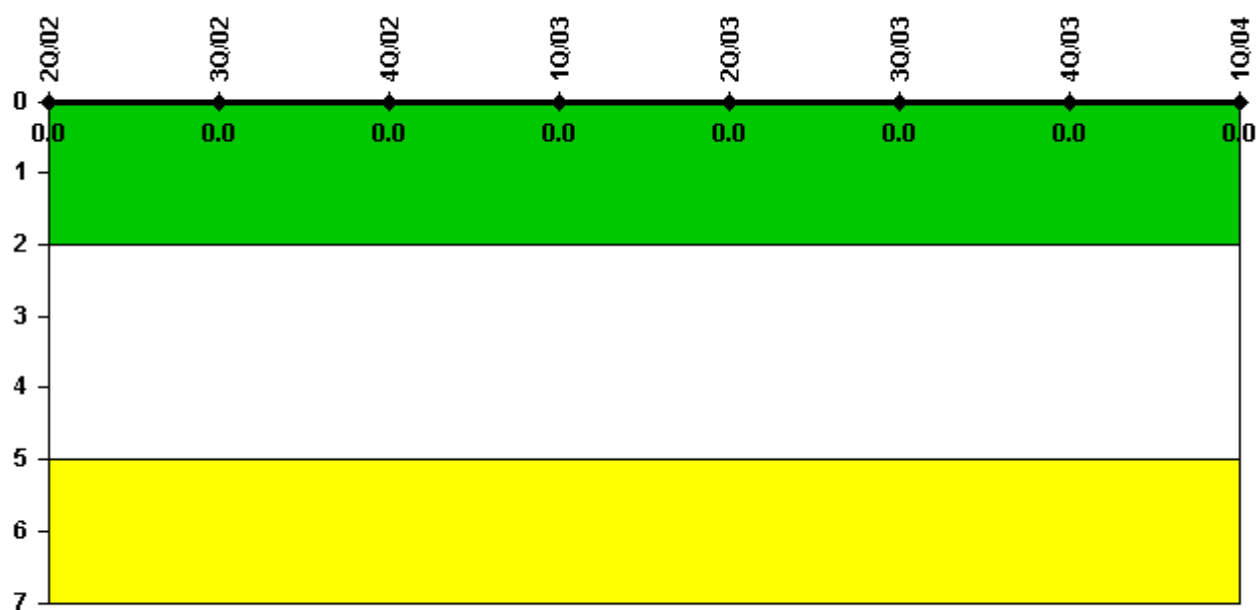
Thresholds: White > 0.080

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	122.20	40.70	10.50	0	69.90	33.60	20.50	82.20
CCTV compensatory hours	0	0	0	0	0	369.4	6.6	0
IDS normalization factor	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95
CCTV normalization factor	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
Index Value	0.016	0.014	0.010	0.005	0.004	0.013	0.014	0.016

Licensee Comments: none

Personnel Screening Program

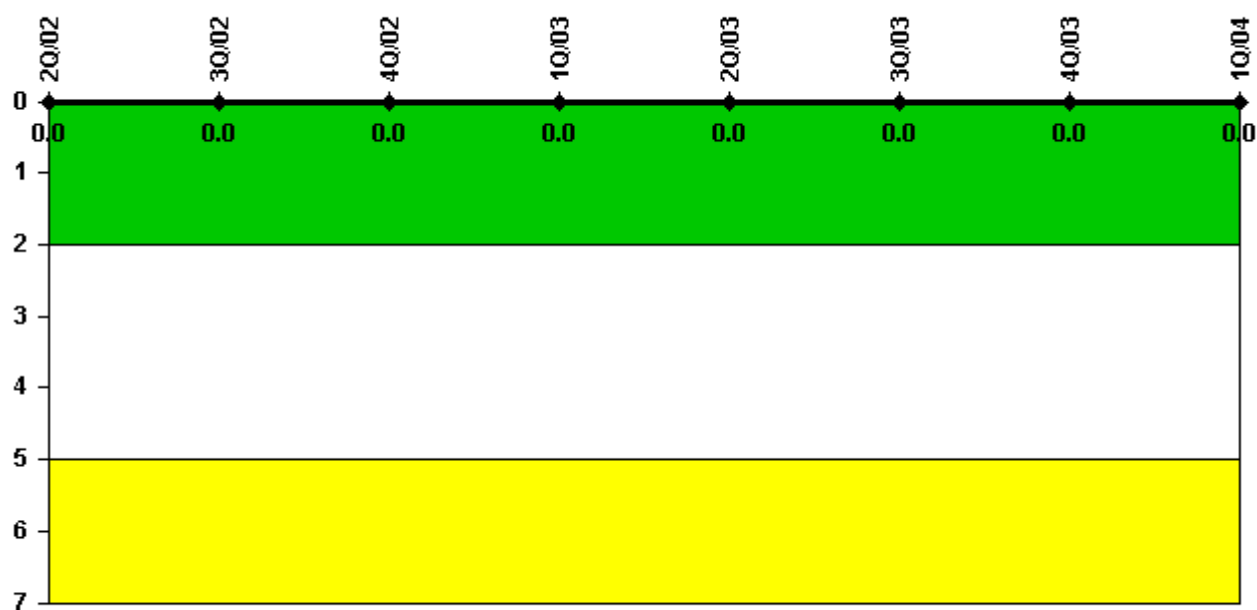


Thresholds: White > 2.0 Yellow > 5.0

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

Turkey Point 4

2Q/2004 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



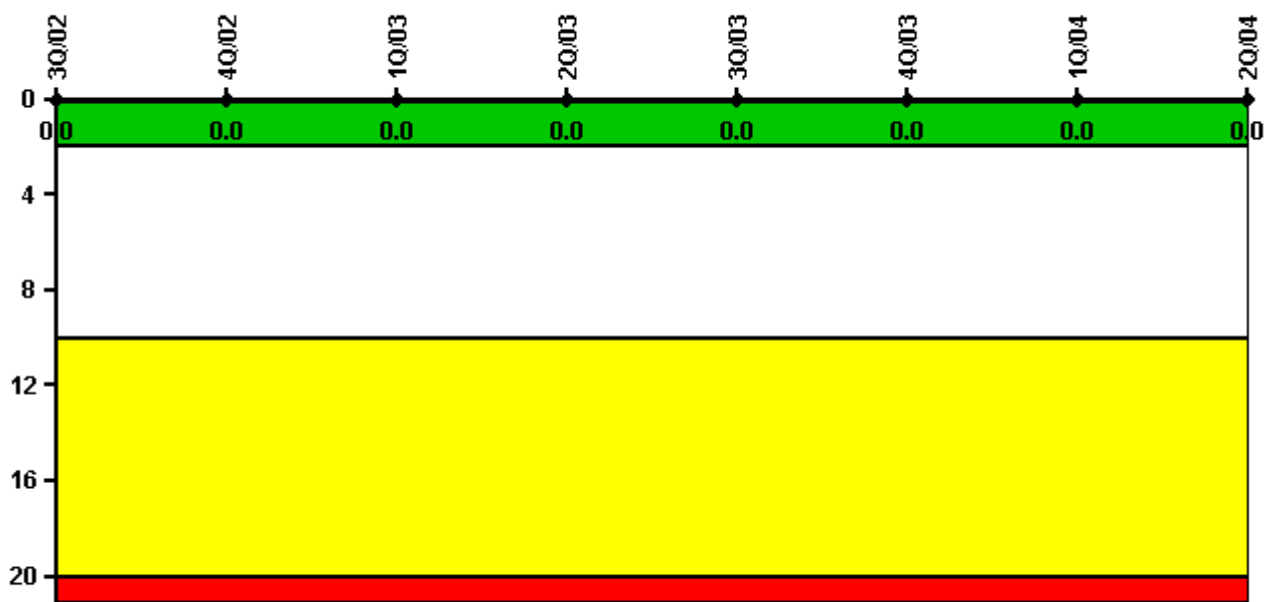
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Unplanned scrams	0	0	0	0	0	0	0	1.0
Critical hours	2208.0	2209.0	2160.0	2183.0	2208.0	1506.1	2184.0	2141.9
Indicator value	0	0	0	0	0	0	0	0.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



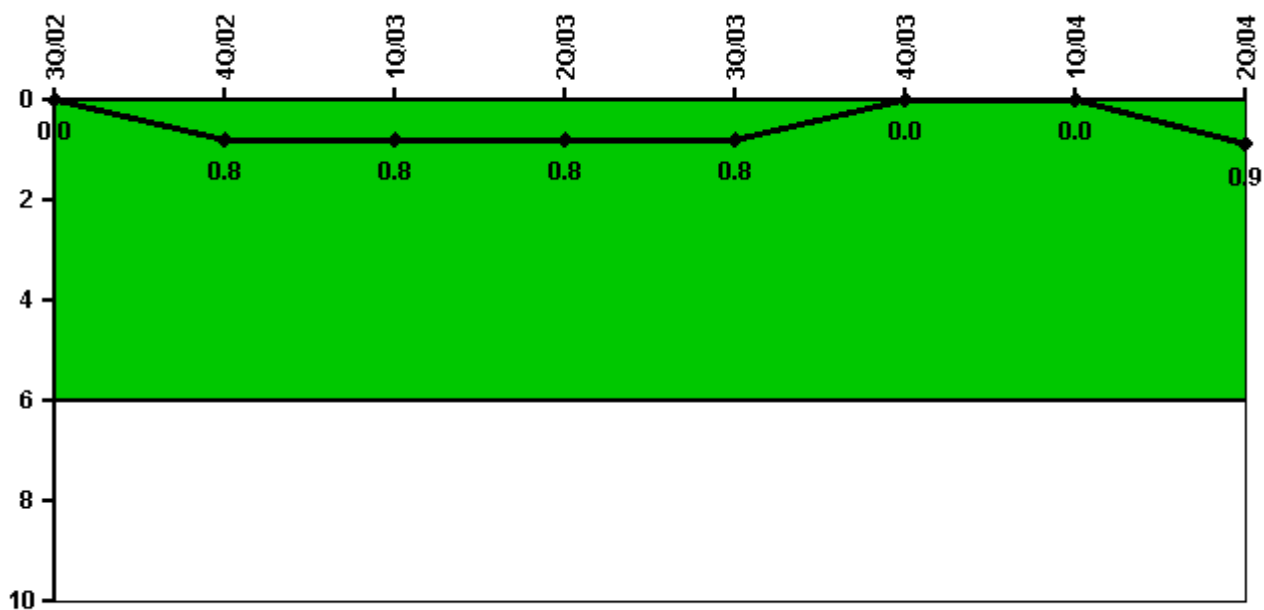
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



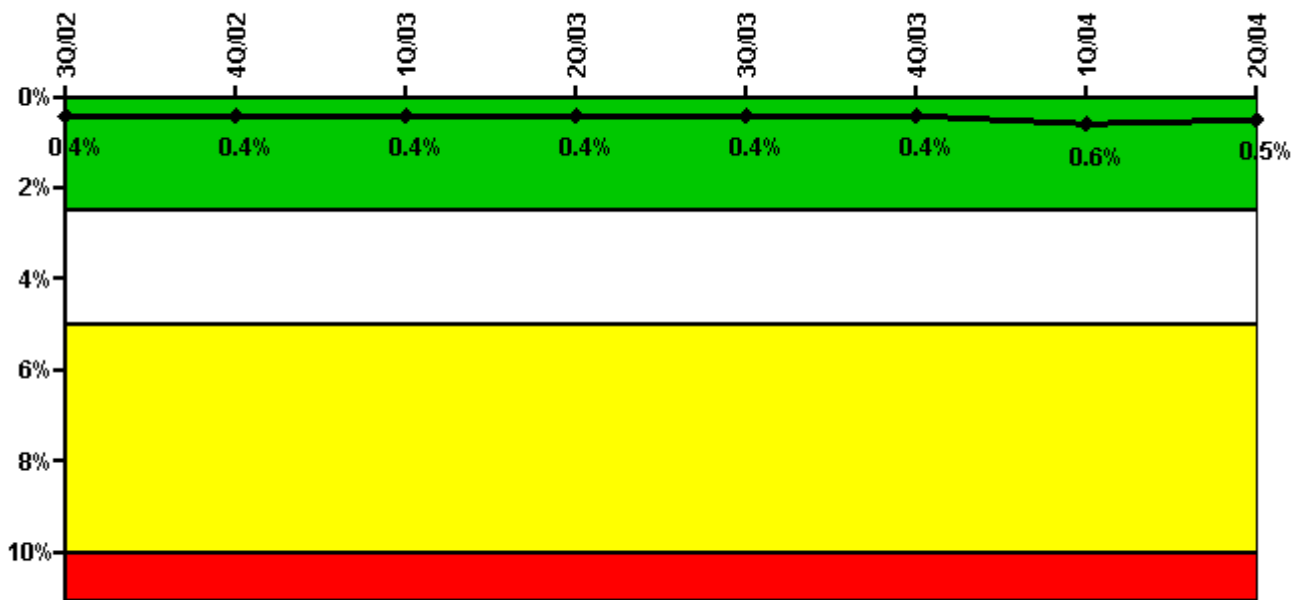
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Unplanned power changes	0	1.0	0	0	0	0	0	1.0
Critical hours	2208.0	2209.0	2160.0	2183.0	2208.0	1506.1	2184.0	2141.9
Indicator value	0	0.8	0.8	0.8	0.8	0	0	0.9

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



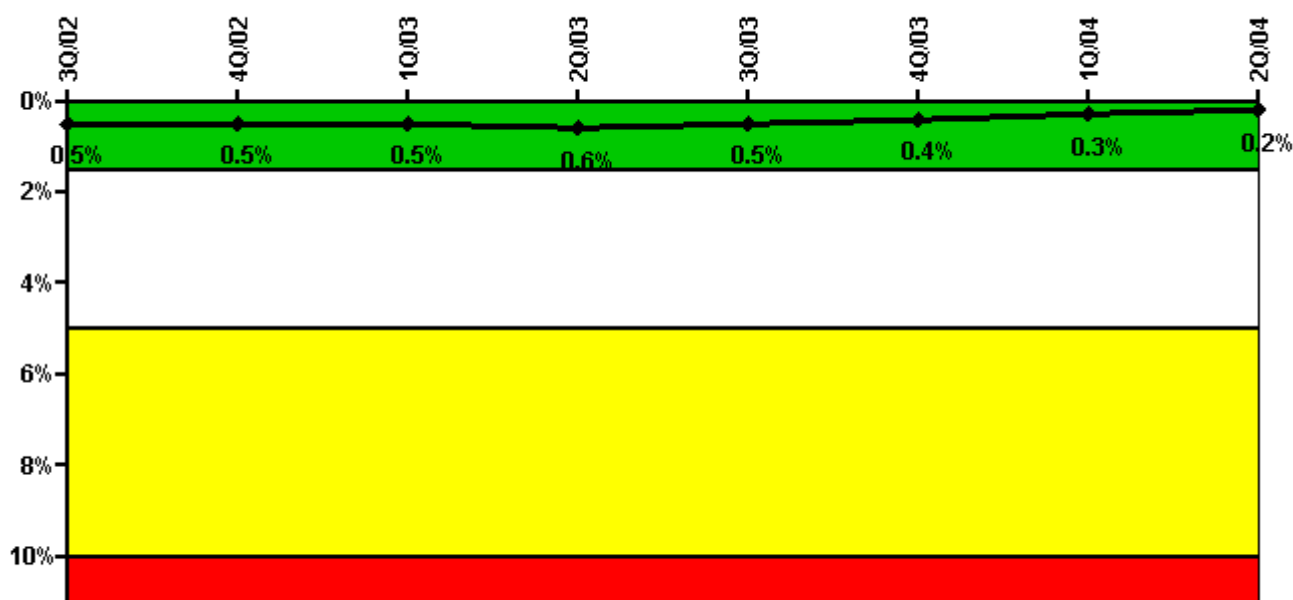
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours	0.80	3.20	1.60	8.60	4.40	1.60	2.70	10.00
Unplanned unavailable hours	0	0	0	7.30	4.50	0	72.60	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	2208.00	2209.00	2160.00	2183.00	2208.00	1907.50	2184.00	2183.00
Train 2								
Planned unavailable hours	0.80	2.40	1.60	22.10	19.60	1.60	12.00	1.60
Unplanned unavailable hours	0	14.60	0	0	0	0	3.60	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	2208.00	2209.00	2160.00	2183.00	2208.00	1907.50	2184.00	2183.00
Indicator value	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.6%	0.5%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



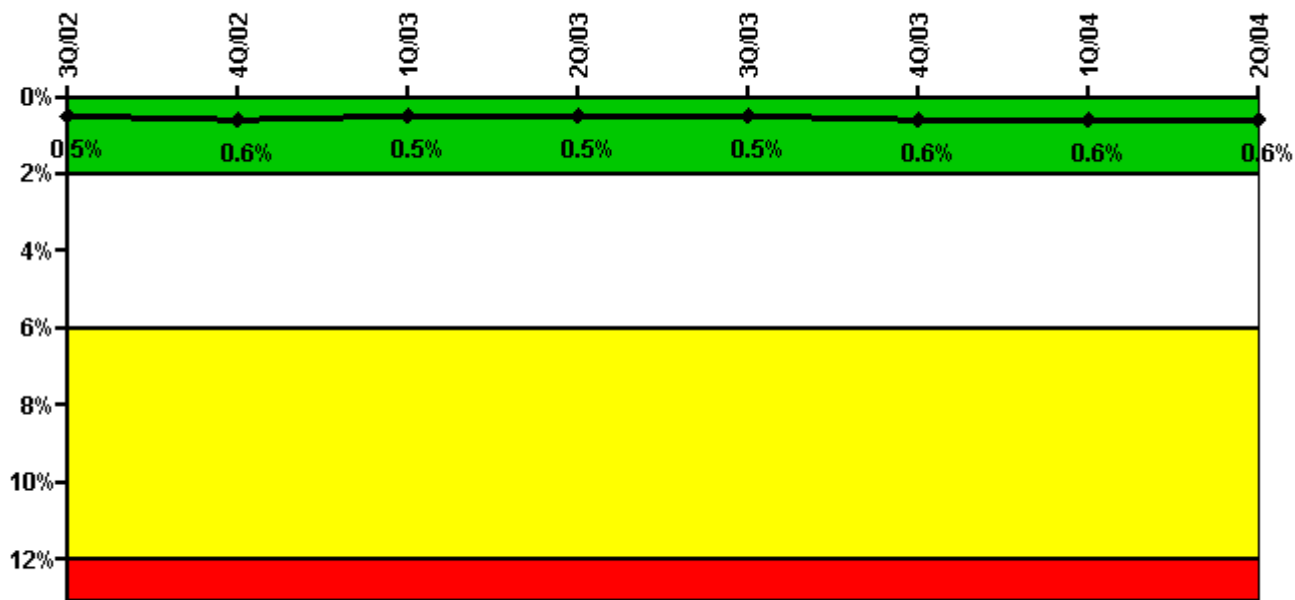
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours	1.90	0	0	6.50	0	22.20	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	1586.00	2184.00	2183.00
Train 2								
Planned unavailable hours	0	5.50	13.00	3.00	0	0.80	16.90	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	1586.00	2184.00	2183.00
Indicator value	0.5%	0.5%	0.5%	0.6%	0.5%	0.4%	0.3%	0.2%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



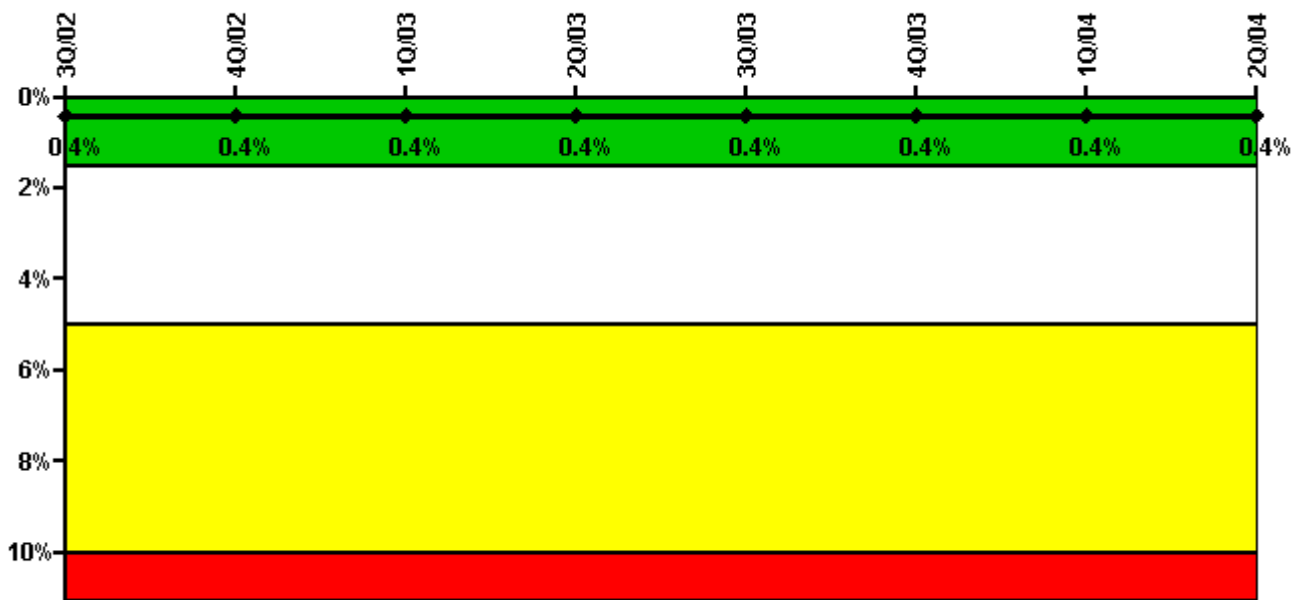
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours	8.00	21.60	0	12.80	4.90	38.00	0	0
Unplanned unavailable hours	0	6.90	11.20	2.50	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	1586.00	2184.00	2183.00
Train 2								
Planned unavailable hours	54.00	42.70	0	0	34.80	4.90	0	0
Unplanned unavailable hours	0	0	0	0	16.30	19.30	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	1586.00	2184.00	2183.00
Indicator value	0.5%	0.6%	0.5%	0.5%	0.5%	0.6%	0.6%	0.6%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



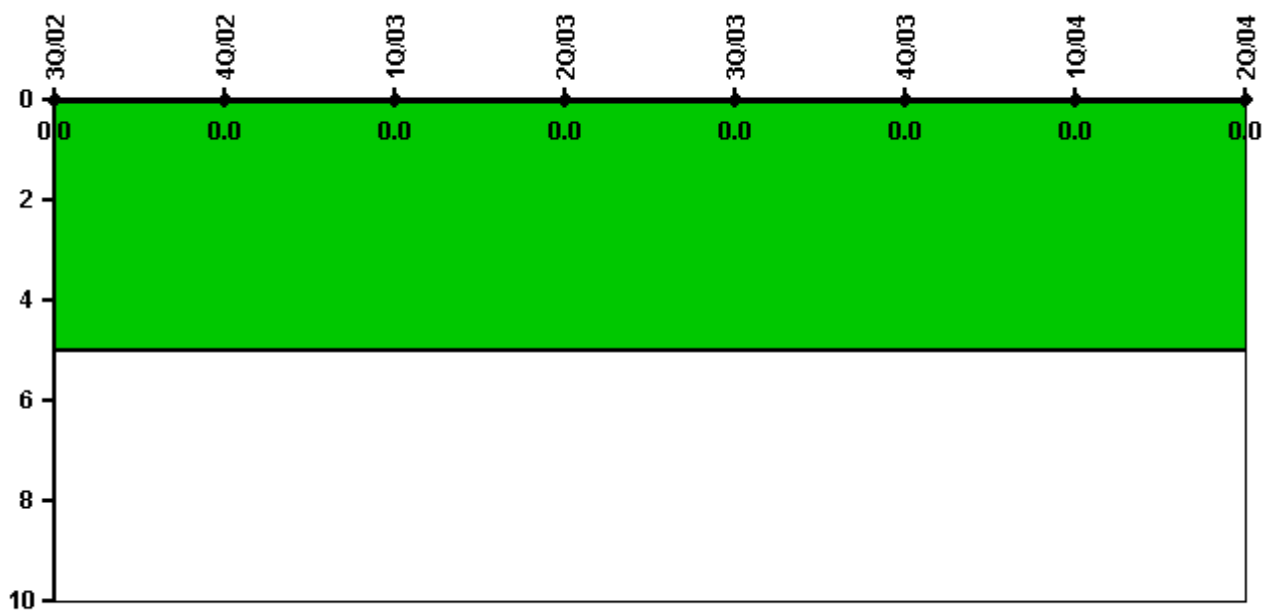
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

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	19.00	1.90	2.90	2.00	27.80	1.50	14.37	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	2209.00	2160.00	2183.00	2208.00	1967.00	2184.00	2183.00
Train 2								
Planned unavailable hours	22.30	15.50	1.60	2.00	23.70	1.50	3.23	2.40
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	1967.00	2184.00	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 Functional Failures (PWR)



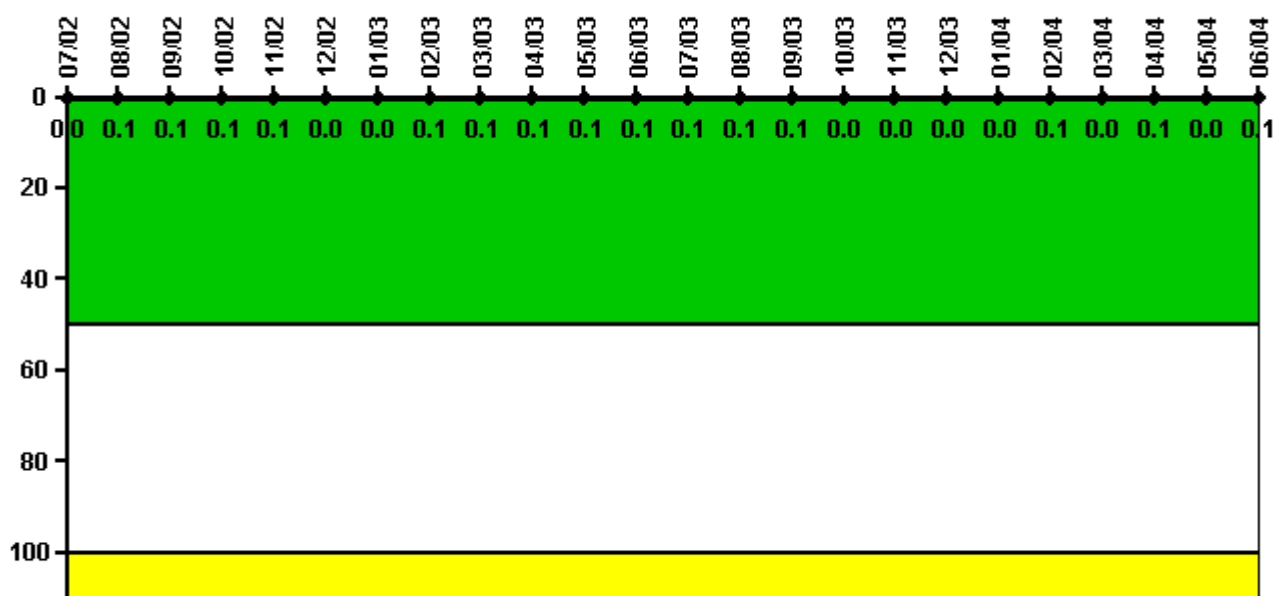
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



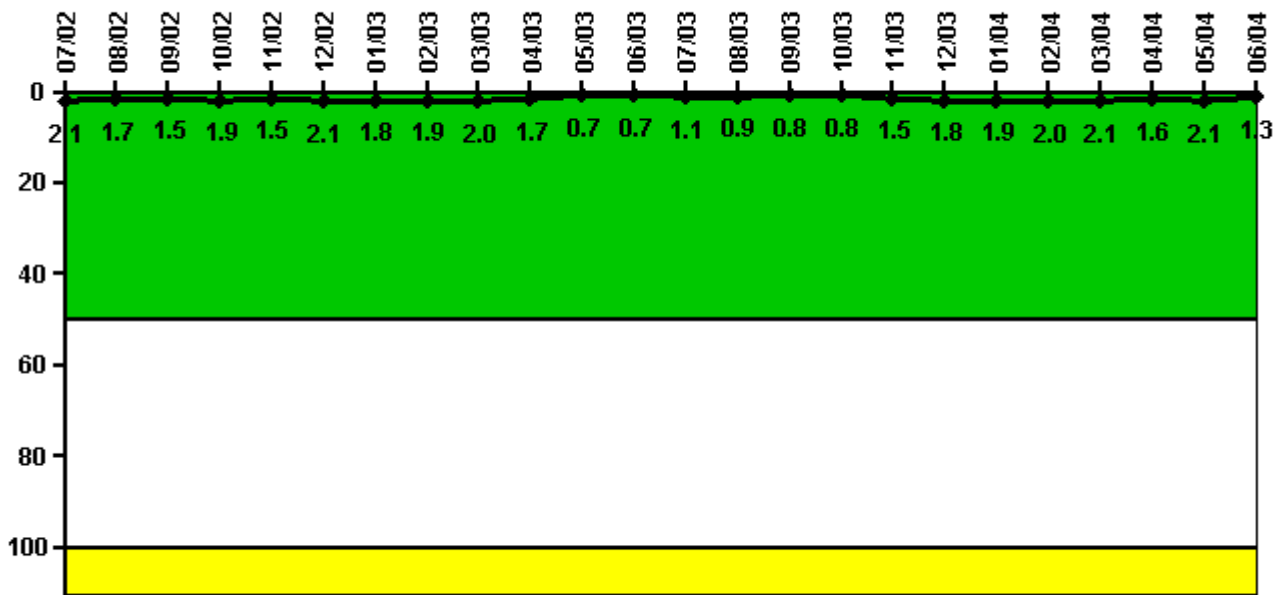
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03
Maximum activity	0.000463	0.000519	0.000656	0.000530	0.000682	0.000391	0.000424	0.000780	0.000565	0.000678	0.000723	0.000706
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0.1	0.1	0.1	0.1	0	0	0.1	0.1	0.1	0.1	0.1
Reactor Coolant System Activity	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04
Maximum activity	0.000799	0.000739	0.000972	0	0.000382	0.000398	0.000405	0.000566	0.000442	0.000586	0.000455	0.000501
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0	0	0	0	0.1	0	0.1	0	0.1

Licensee Comments: none

Reactor Coolant System Leakage



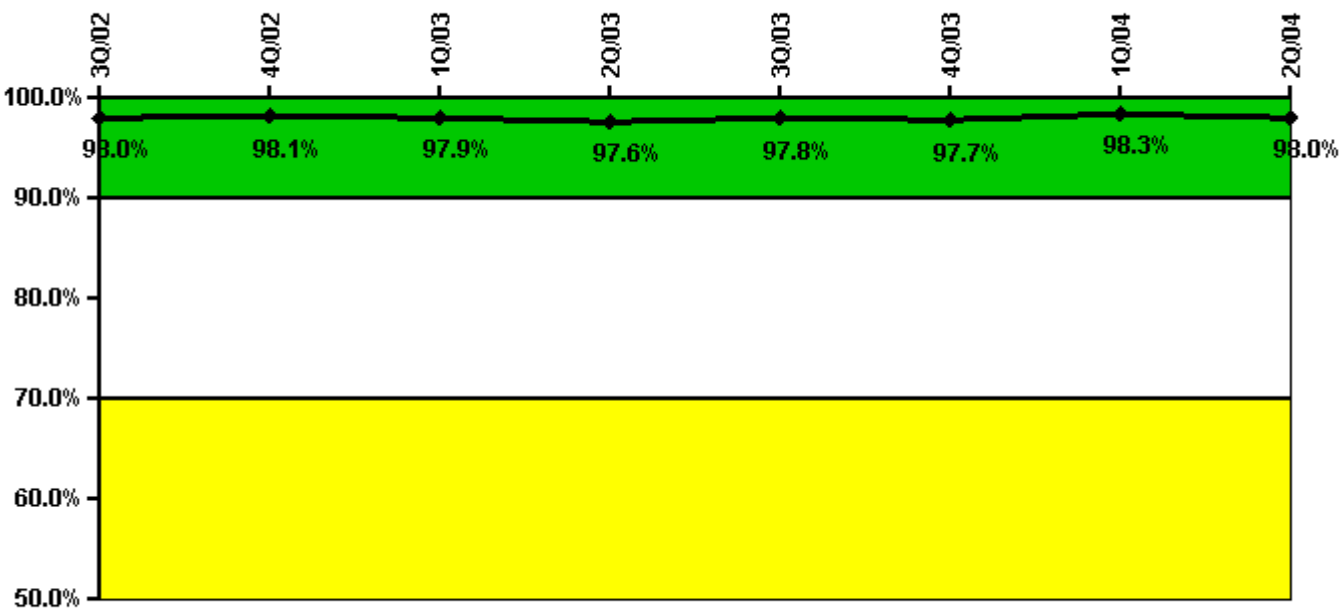
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	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	0.210	0.170	0.150	0.190	0.150	0.210	0.180	0.190	0.200	0.170	0.070	0.070
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.1	1.7	1.5	1.9	1.5	2.1	1.8	1.9	2.0	1.7	0.7	0.7
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	0.110	0.090	0.080	0.080	0.150	0.180	0.190	0.200	0.210	0.160	0.210	0.130
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.1	0.9	0.8	0.8	1.5	1.8	1.9	2.0	2.1	1.6	2.1	1.3

Licensee Comments: none

Drill/Exercise Performance



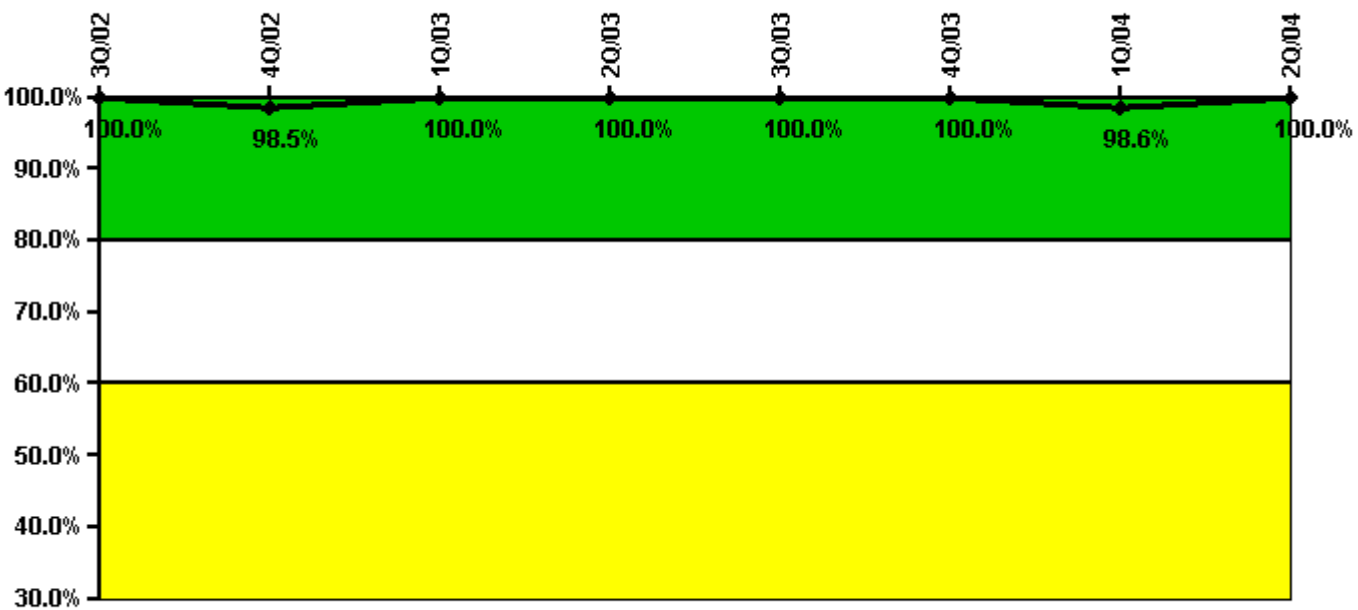
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Successful opportunities	39.0	37.0	68.0	56.0	26.0	25.0	57.0	40.0
Total opportunities	40.0	37.0	70.0	58.0	26.0	25.0	58.0	41.0
Indicator value	98.0%	98.1%	97.9%	97.6%	97.8%	97.7%	98.3%	98.0%

Licensee Comments: none

ERO Drill Participation



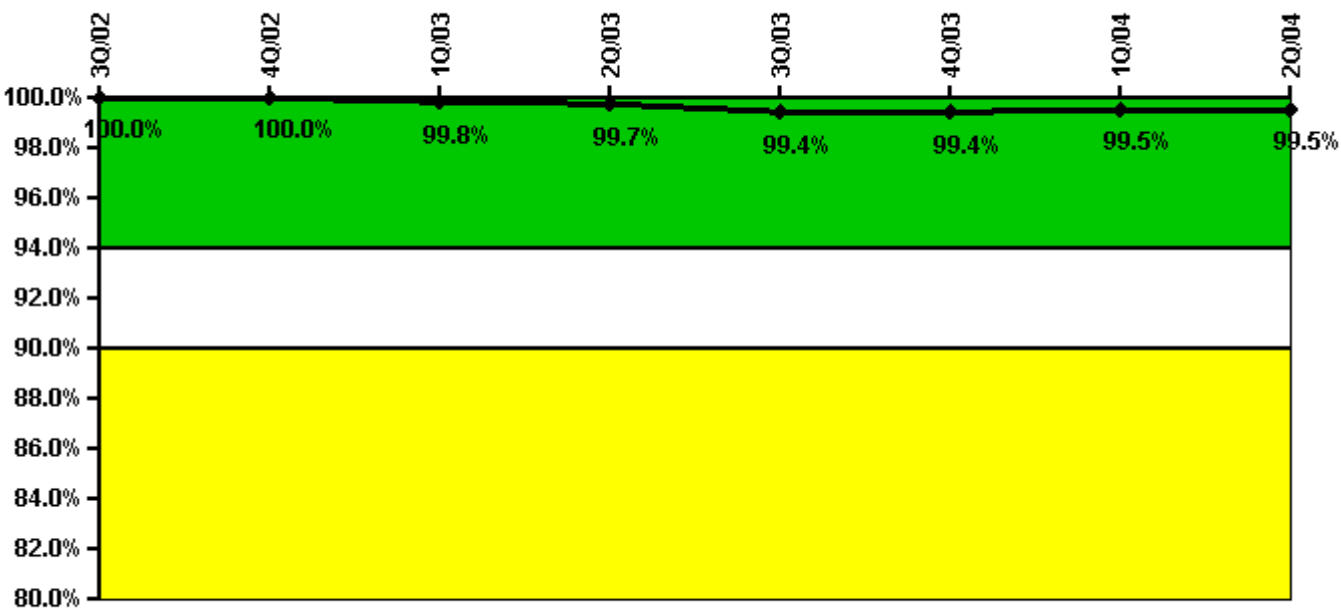
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Participating Key personnel	66.0	65.0	67.0	69.0	68.0	70.0	71.0	72.0
Total Key personnel	66.0	66.0	67.0	69.0	68.0	70.0	72.0	72.0
Indicator value	100.0%	98.5%	100.0%	100.0%	100.0%	100.0%	98.6%	100.0%

Licensee Comments: none

Alert & Notification System



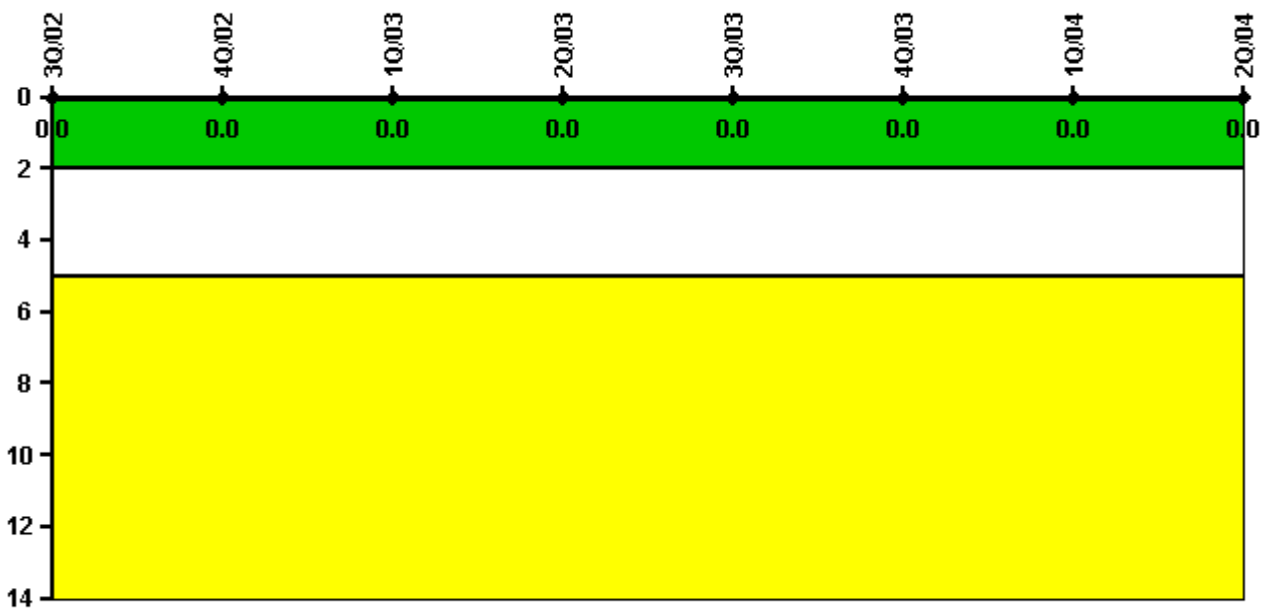
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Successful siren-tests	329	376	279	375	278	376	327	329
Total sirens-tests	329	376	282	376	282	376	329	329
Indicator value	100.0%	100.0%	99.8%	99.7%	99.4%	99.4%	99.5%	99.5%

Licensee Comments: none

Occupational Exposure Control Effectiveness

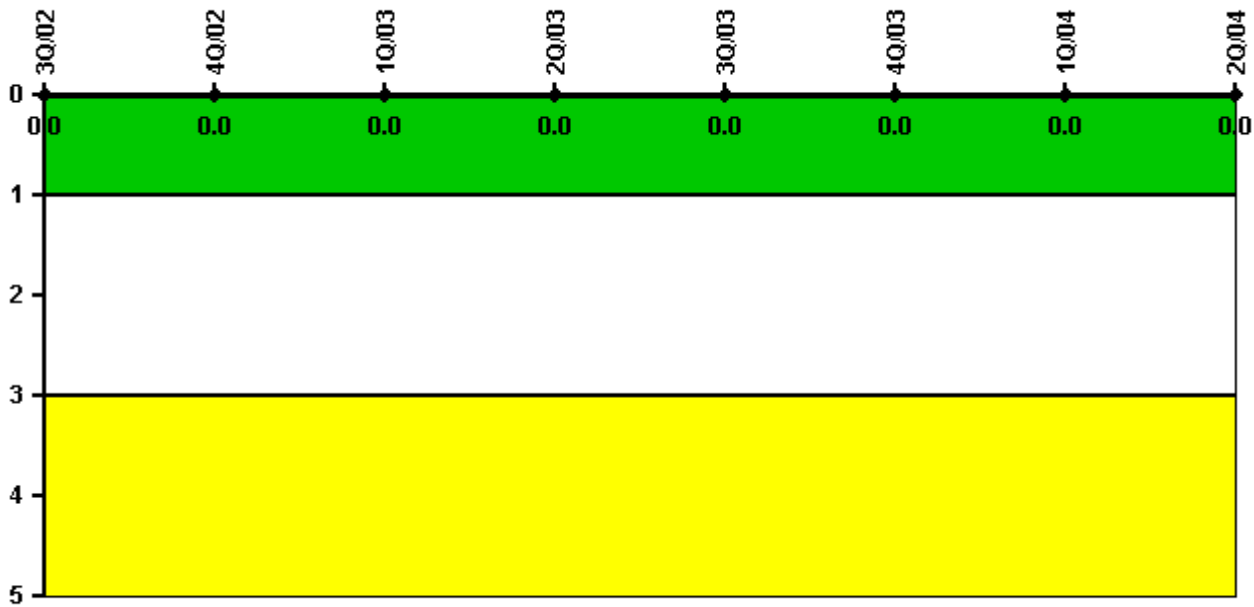


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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](#)

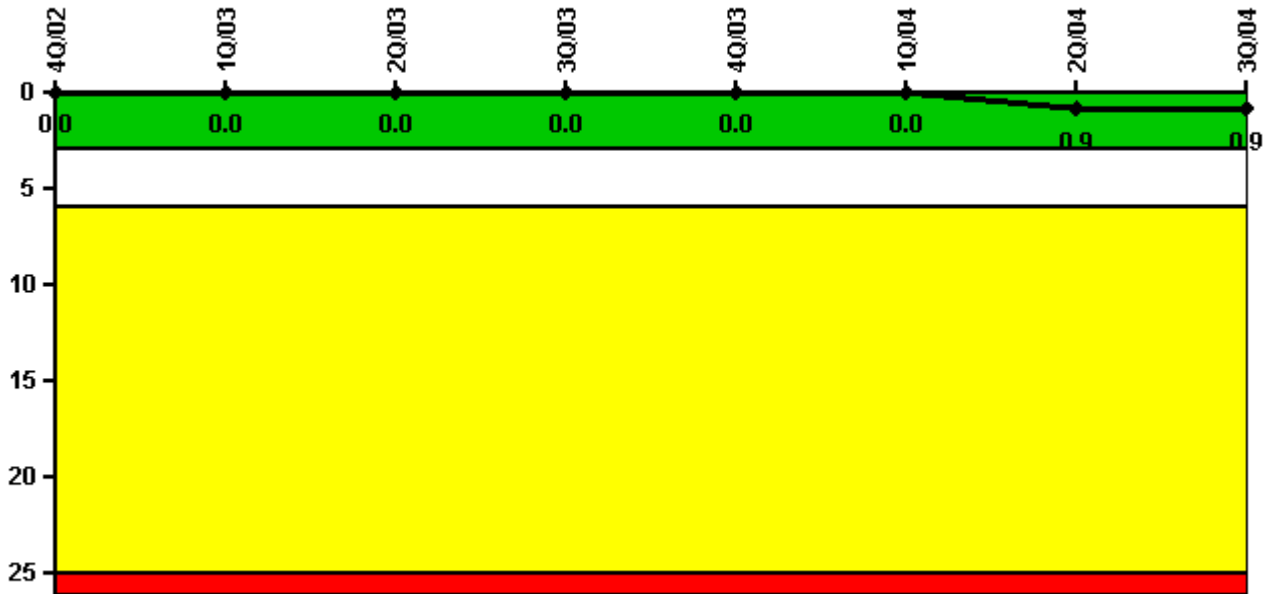
Last Modified: September 8, 2004

Turkey Point 4

3Q/2004 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



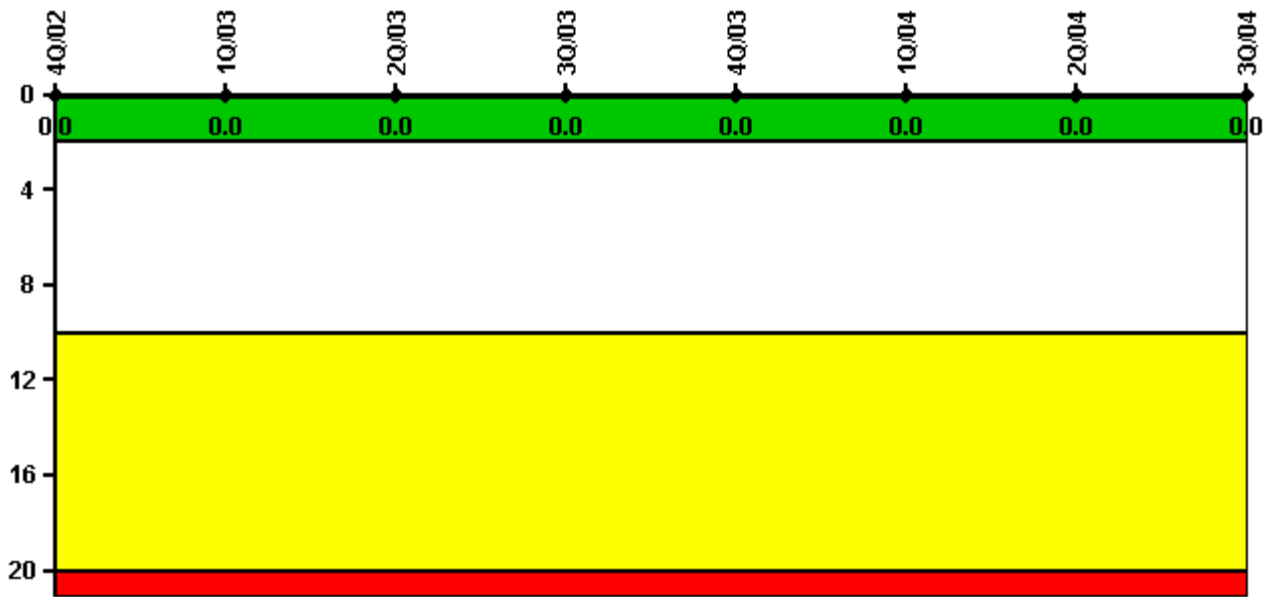
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Unplanned scrams	0	0	0	0	0	0	1.0	0
Critical hours	2209.0	2160.0	2183.0	2208.0	1506.1	2184.0	2141.9	2208.0
Indicator value	0	0	0	0	0	0	0.9	0.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



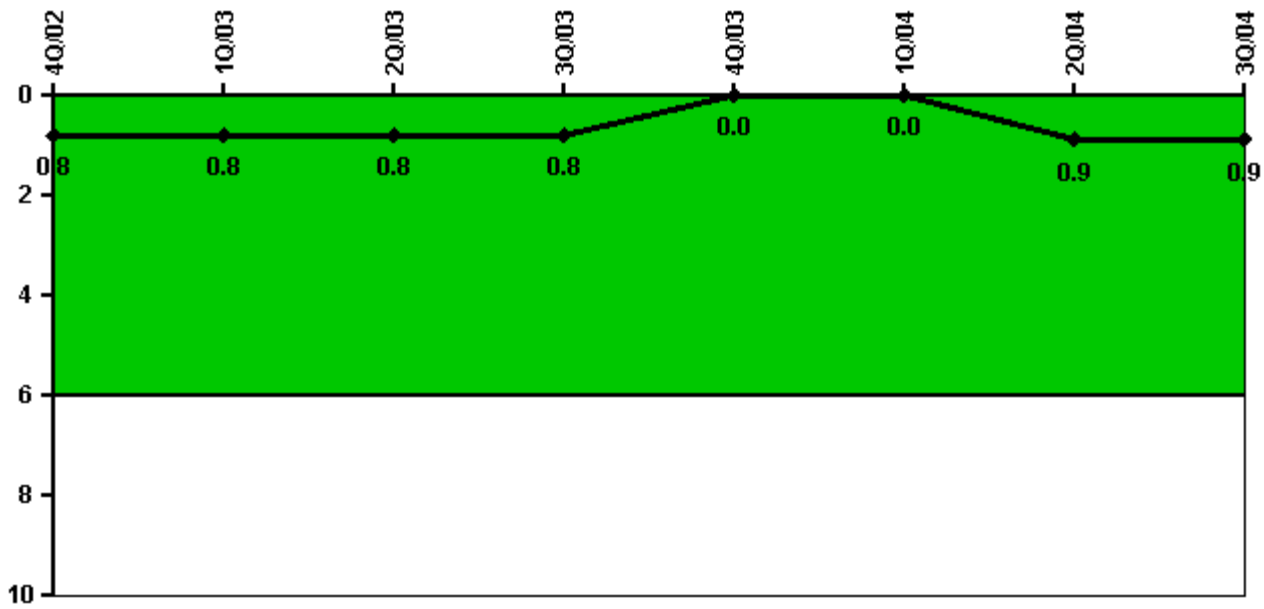
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



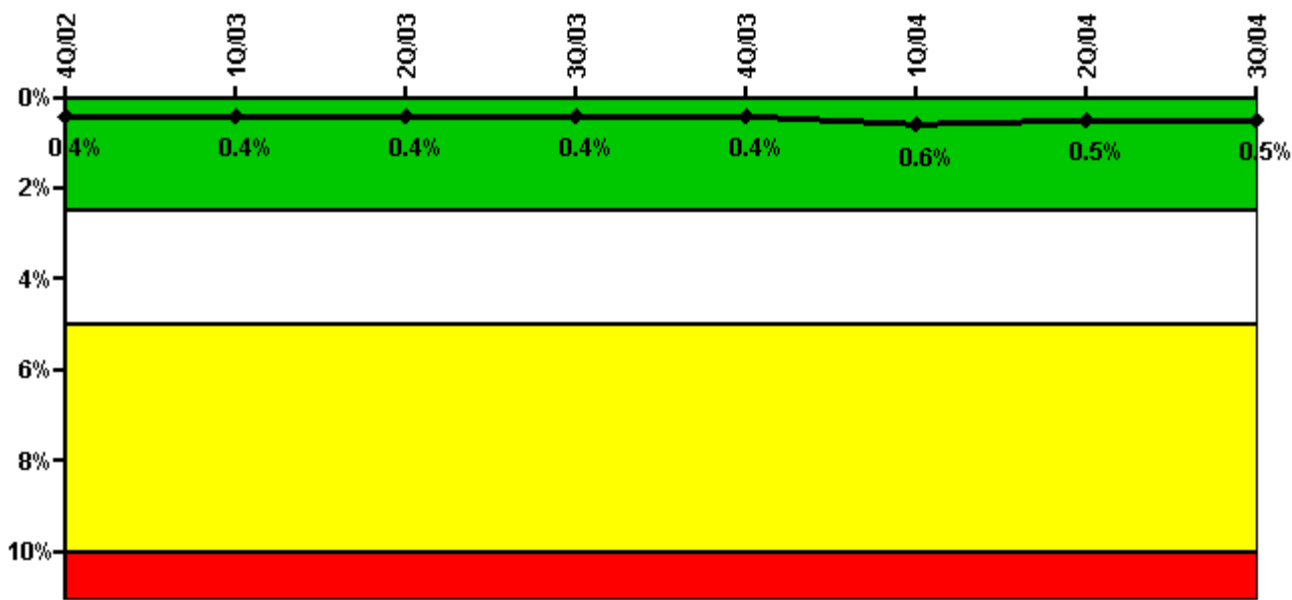
Thresholds: White > 6.0

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	1.0	0	0	0	0	0	1.0	0
Critical hours	2209.0	2160.0	2183.0	2208.0	1506.1	2184.0	2141.9	2208.0
Indicator value	0.8	0.8	0.8	0.8	0	0	0.9	0.9

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



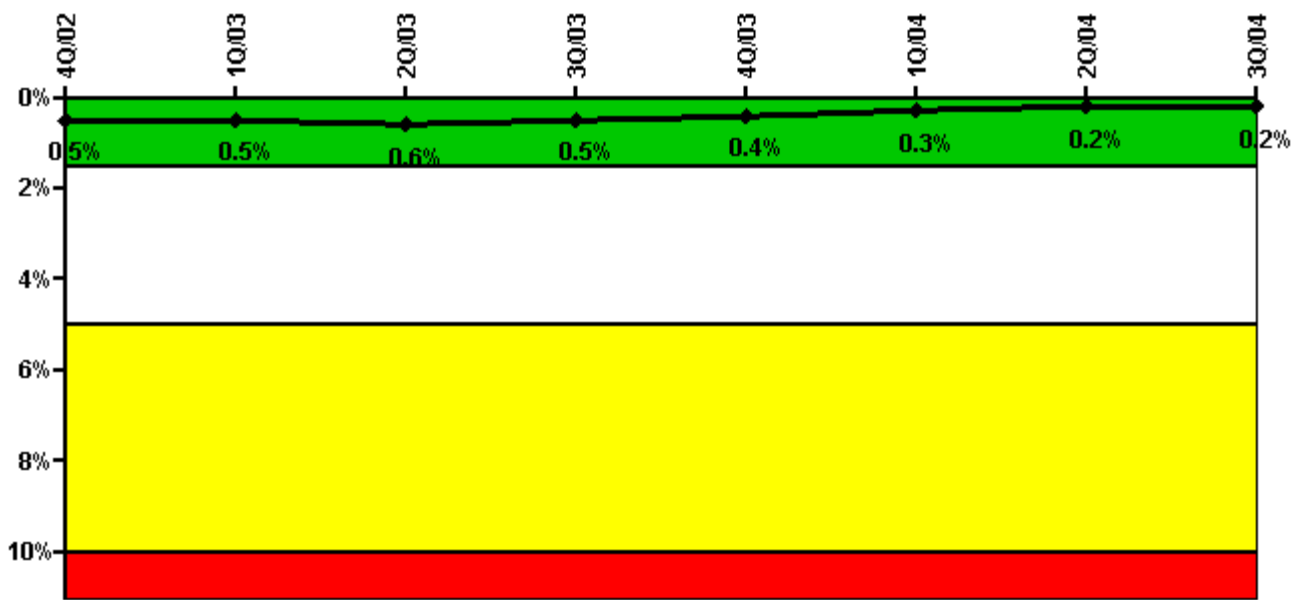
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	3.20	1.60	8.60	4.40	1.60	2.70	10.00	3.20
Unplanned unavailable hours	0	0	7.30	4.50	0	72.60	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	2209.00	2160.00	2183.00	2208.00	1907.50	2184.00	2183.00	2208.00
Train 2								
Planned unavailable hours	2.40	1.60	22.10	19.60	1.60	12.00	1.60	1.60
Unplanned unavailable hours	14.60	0	0	0	0	3.60	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	2209.00	2160.00	2183.00	2208.00	1907.50	2184.00	2183.00	2208.00
Indicator value	0.4%	0.4%	0.4%	0.4%	0.4%	0.6%	0.5%	0.5%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



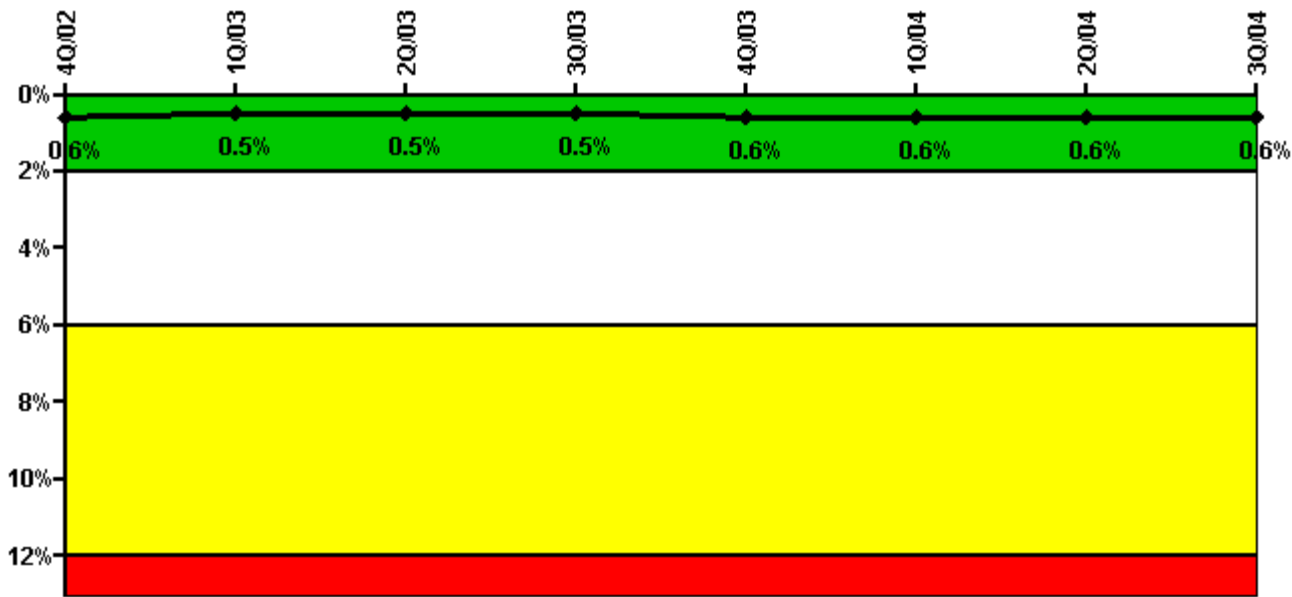
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	0	0	6.50	0	22.20	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	1586.00	2184.00	2183.00	2183.00
Train 2								
Planned unavailable hours	5.50	13.00	3.00	0	0.80	16.90	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	2.40
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	1586.00	2184.00	2183.00	2183.00
Indicator value	0.5%	0.5%	0.6%	0.5%	0.4%	0.3%	0.2%	0.2%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



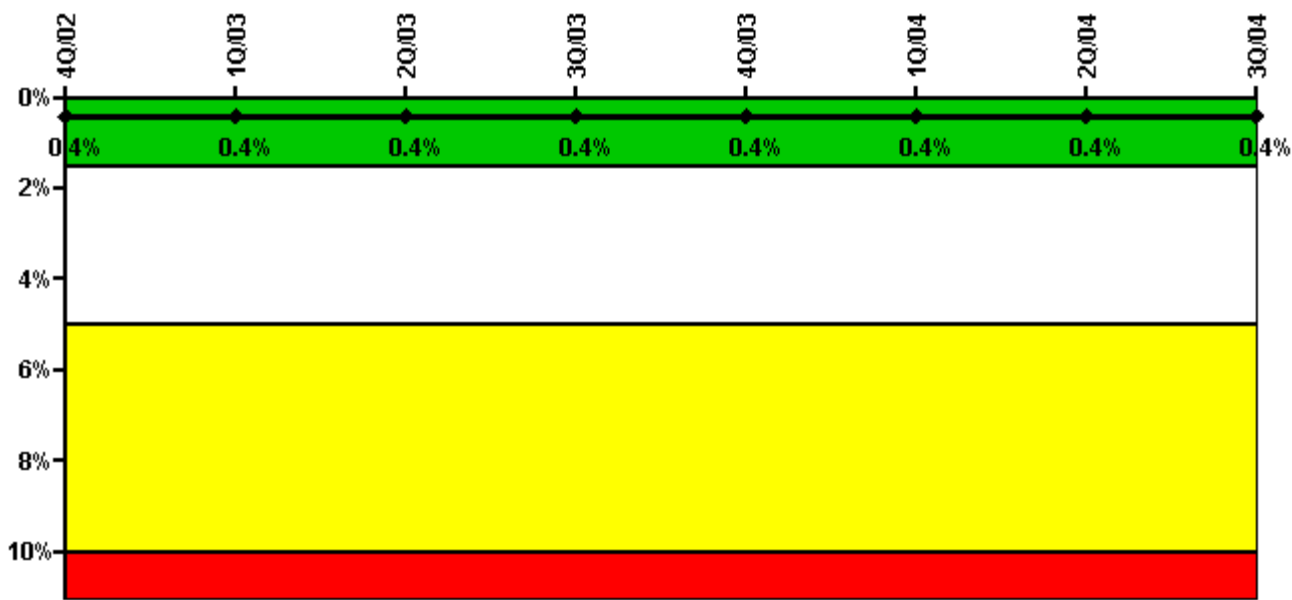
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	21.60	0	12.80	4.90	38.00	0	0	0
Unplanned unavailable hours	6.90	11.20	2.50	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	1586.00	2184.00	2183.00	2208.00
Train 2								
Planned unavailable hours	42.70	0	0	34.80	4.90	0	0	0
Unplanned unavailable hours	0	0	0	16.30	19.30	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	1586.00	2184.00	2183.00	2208.00
Indicator value	0.6%	0.5%	0.5%	0.5%	0.6%	0.6%	0.6%	0.6%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



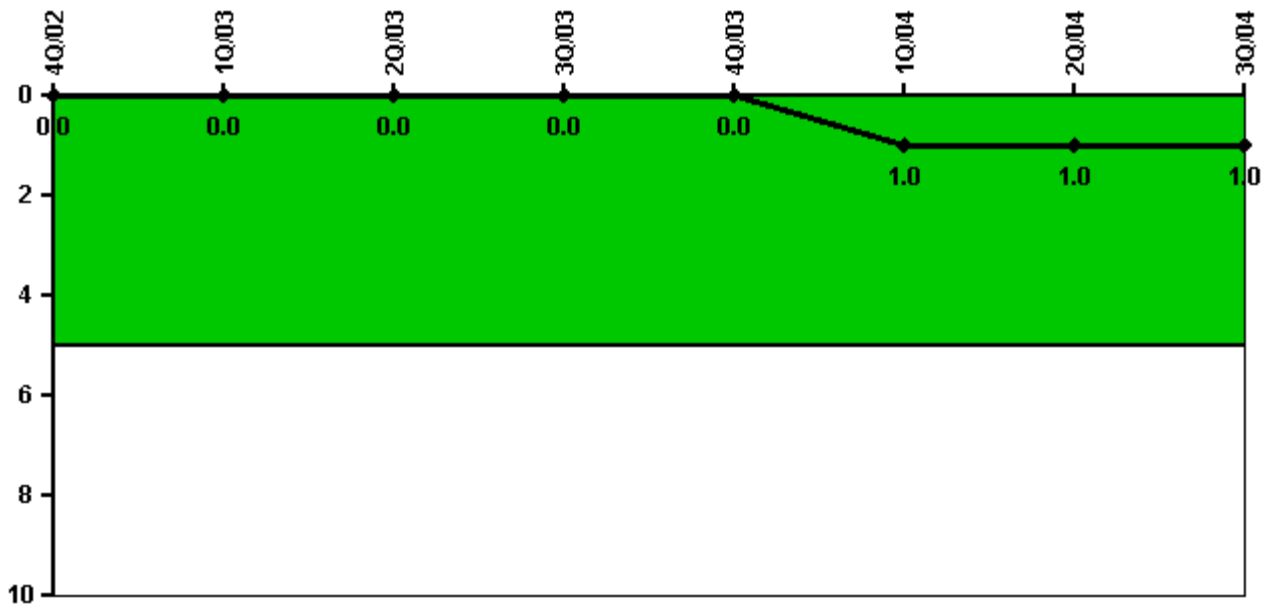
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

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	1.90	2.90	2.00	27.80	1.50	14.37	1.90	2.70
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	1967.00	2184.00	2183.00	2208.00
Train 2								
Planned unavailable hours	15.50	1.60	2.00	23.70	1.50	3.23	2.40	4.20
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	1967.00	2184.00	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 Functional Failures (PWR)



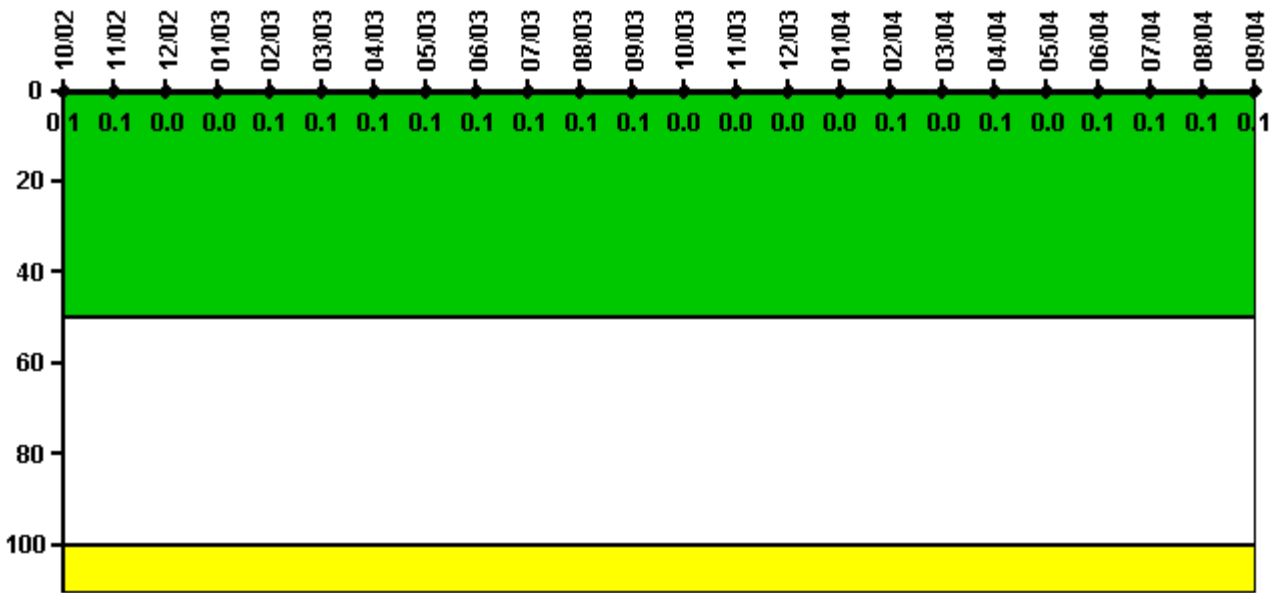
Thresholds: White > 5.0

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

Licensee Comments: none

Reactor Coolant System Activity



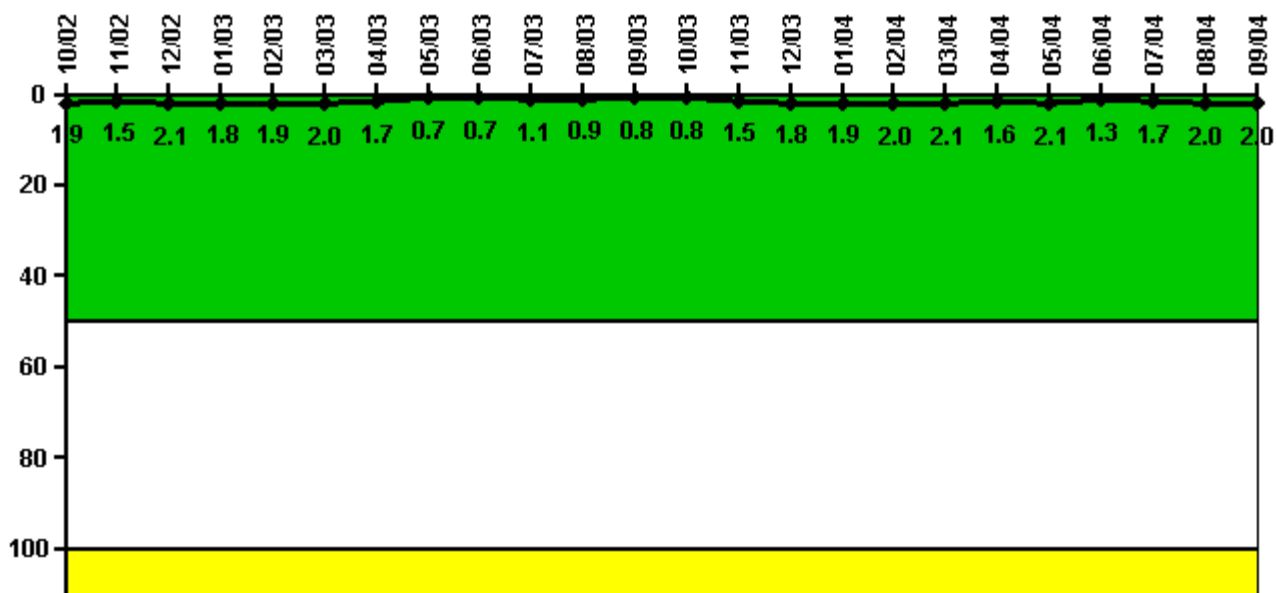
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	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	0.000530	0.000682	0.000391	0.000424	0.000780	0.000565	0.000678	0.000723	0.000706	0.000799	0.000739	0.000972
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Reactor Coolant System Activity	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04
Maximum activity	0	0.000382	0.000398	0.000405	0.000566	0.000442	0.000586	0.000455	0.000501	0.000668	0.000554	0.000565
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0.1	0	0.1	0	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



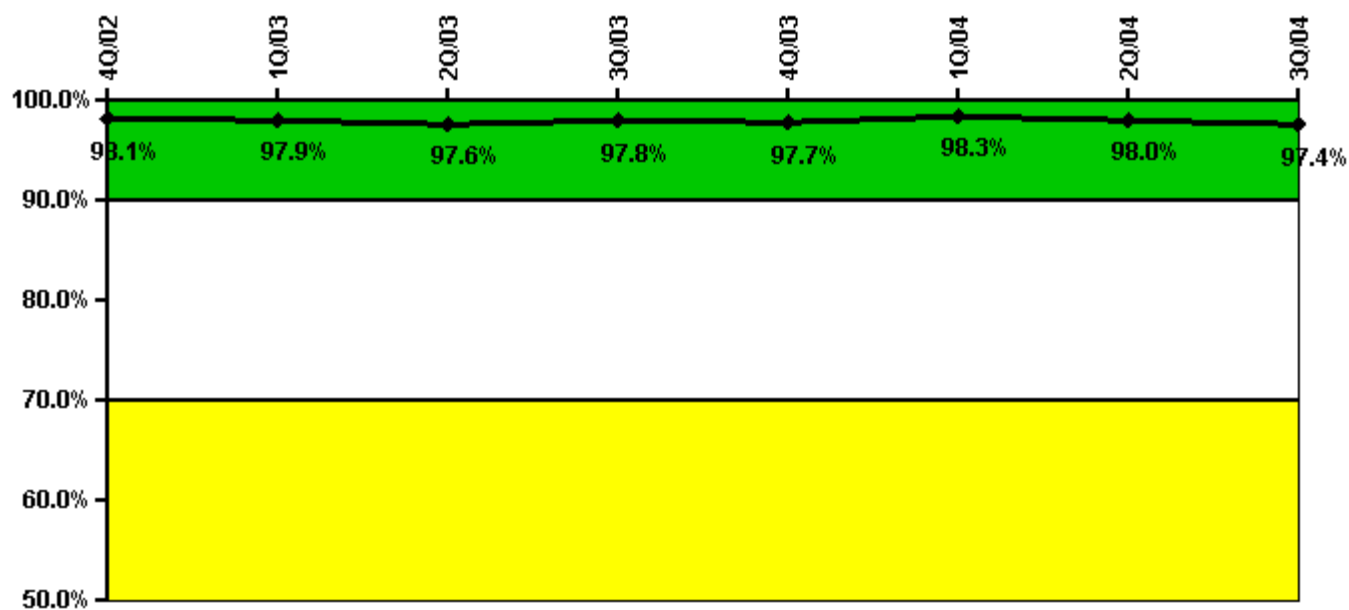
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	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	0.190	0.150	0.210	0.180	0.190	0.200	0.170	0.070	0.070	0.110	0.090	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	1.9	1.5	2.1	1.8	1.9	2.0	1.7	0.7	0.7	1.1	0.9	0.8
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	0.080	0.150	0.180	0.190	0.200	0.210	0.160	0.210	0.130	0.170	0.200	0.200
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.8	1.5	1.8	1.9	2.0	2.1	1.6	2.1	1.3	1.7	2.0	2.0

Licensee Comments: none

Drill/Exercise Performance



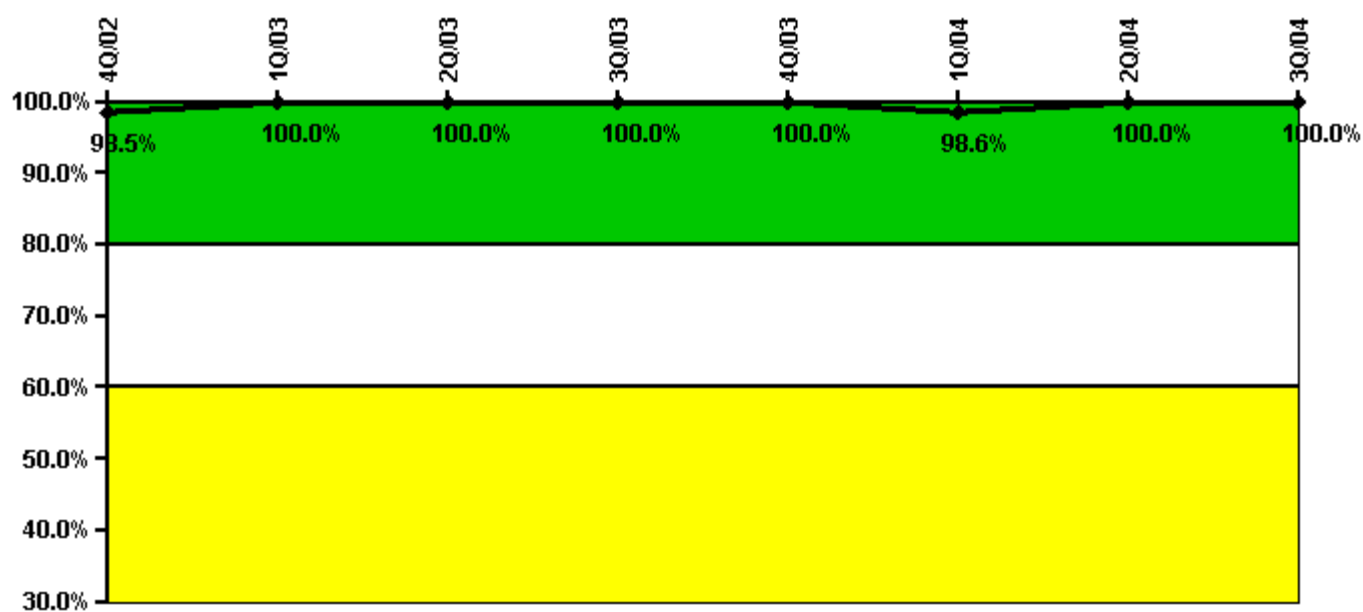
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Successful opportunities	37.0	68.0	56.0	26.0	25.0	57.0	40.0	28.0
Total opportunities	37.0	70.0	58.0	26.0	25.0	58.0	41.0	31.0
Indicator value	98.1%	97.9%	97.6%	97.8%	97.7%	98.3%	98.0%	97.4%

Licensee Comments: none

ERO Drill Participation



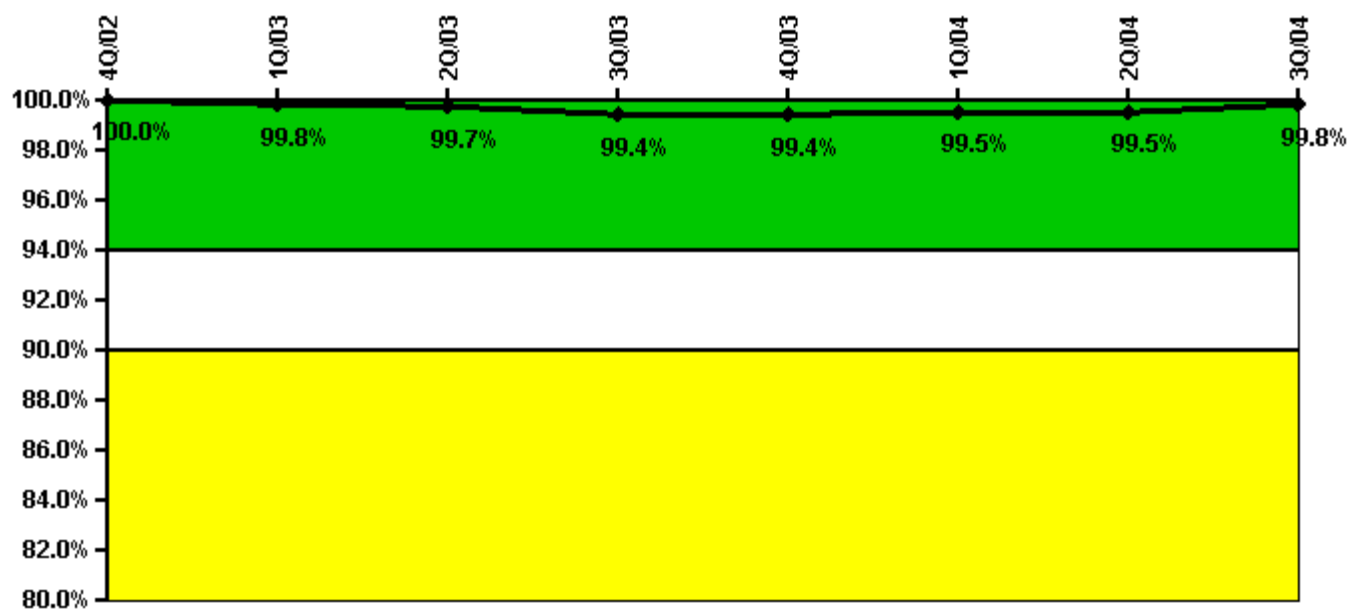
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Participating Key personnel	65.0	67.0	69.0	68.0	70.0	71.0	72.0	72.0
Total Key personnel	66.0	67.0	69.0	68.0	70.0	72.0	72.0	72.0
Indicator value	98.5%	100.0%	100.0%	100.0%	100.0%	98.6%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



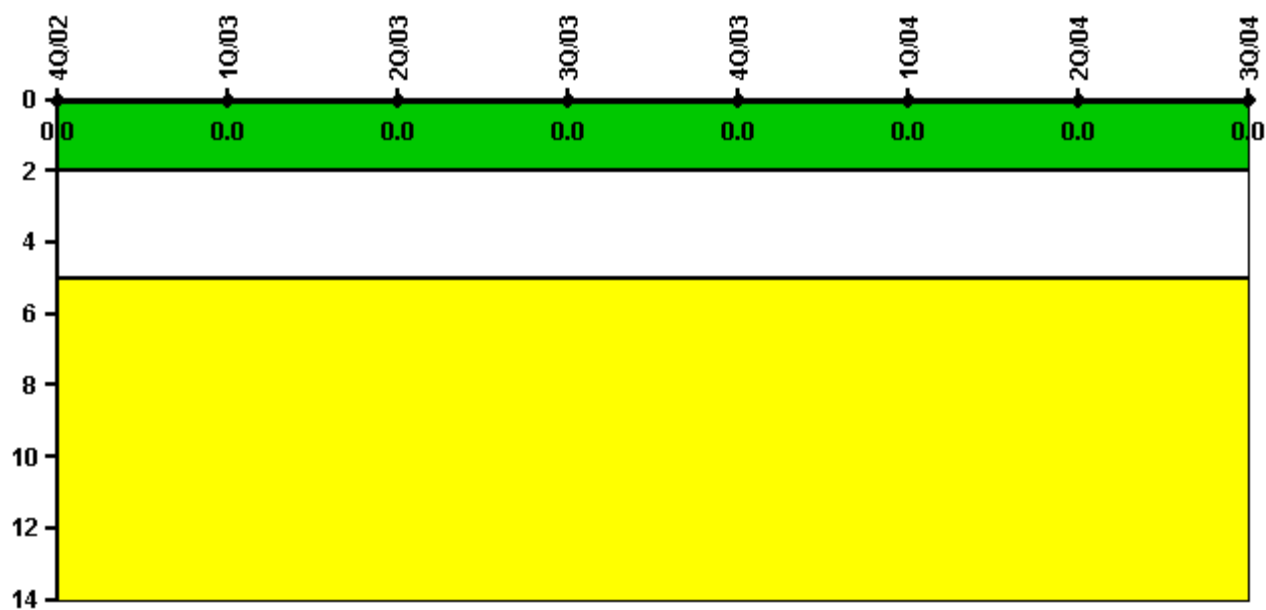
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Successful siren-tests	376	279	375	278	376	327	329	282
Total sirens-tests	376	282	376	282	376	329	329	282
Indicator value	100.0%	99.8%	99.7%	99.4%	99.4%	99.5%	99.5%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



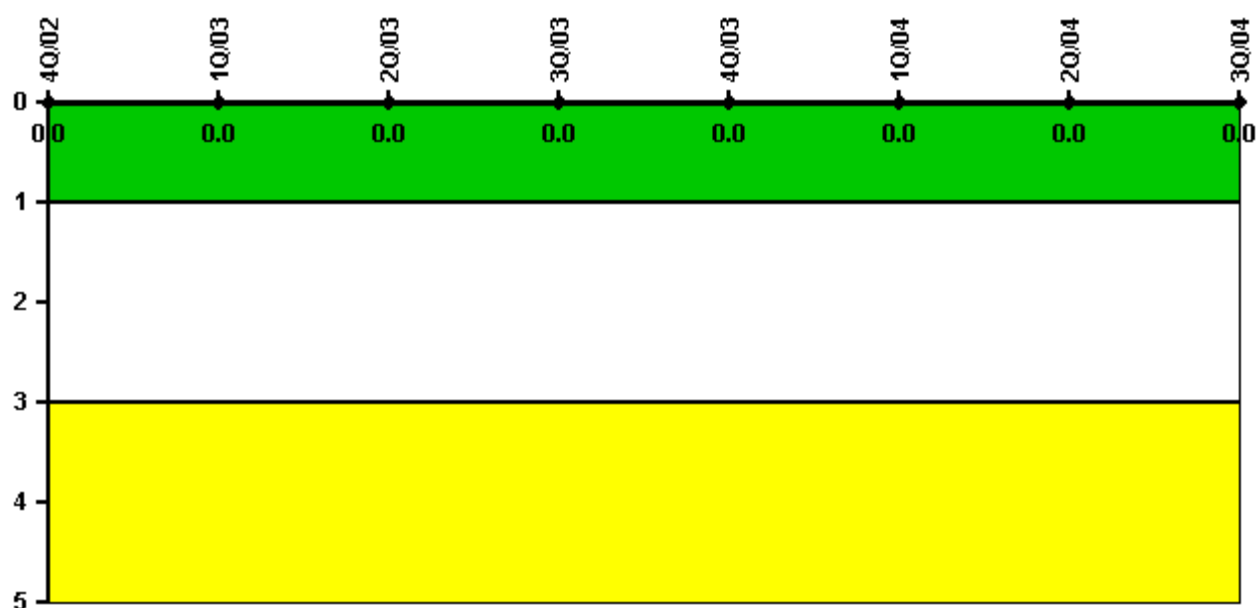
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/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](#)

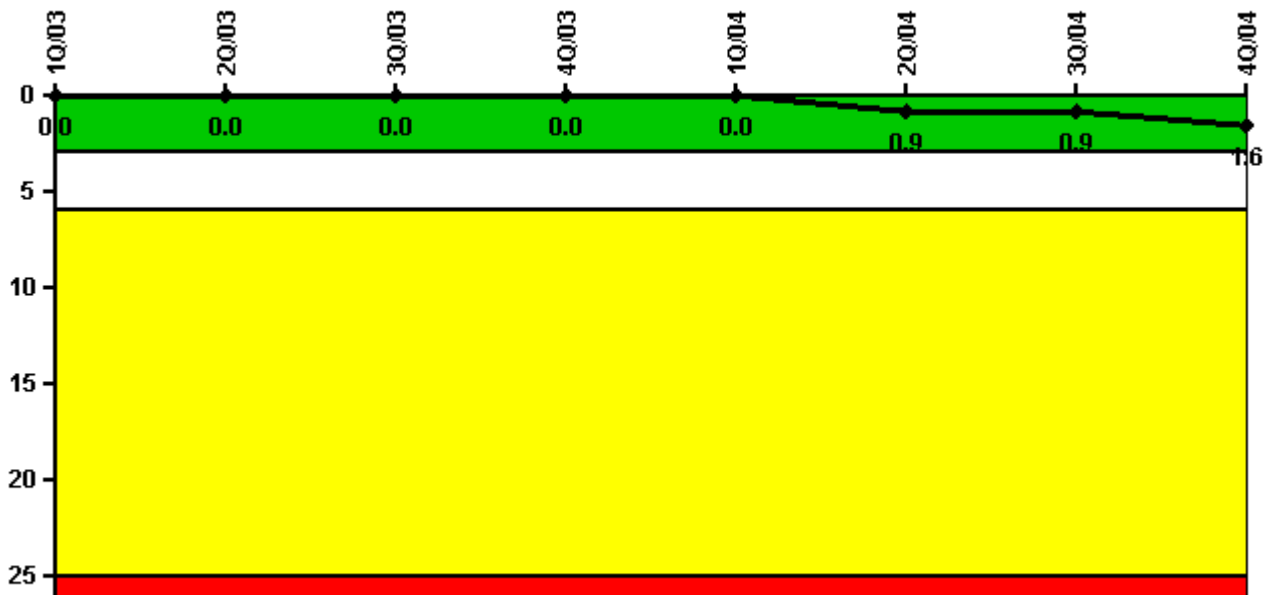
Last Modified: October 25, 2004

Turkey Point 4

4Q/2004 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



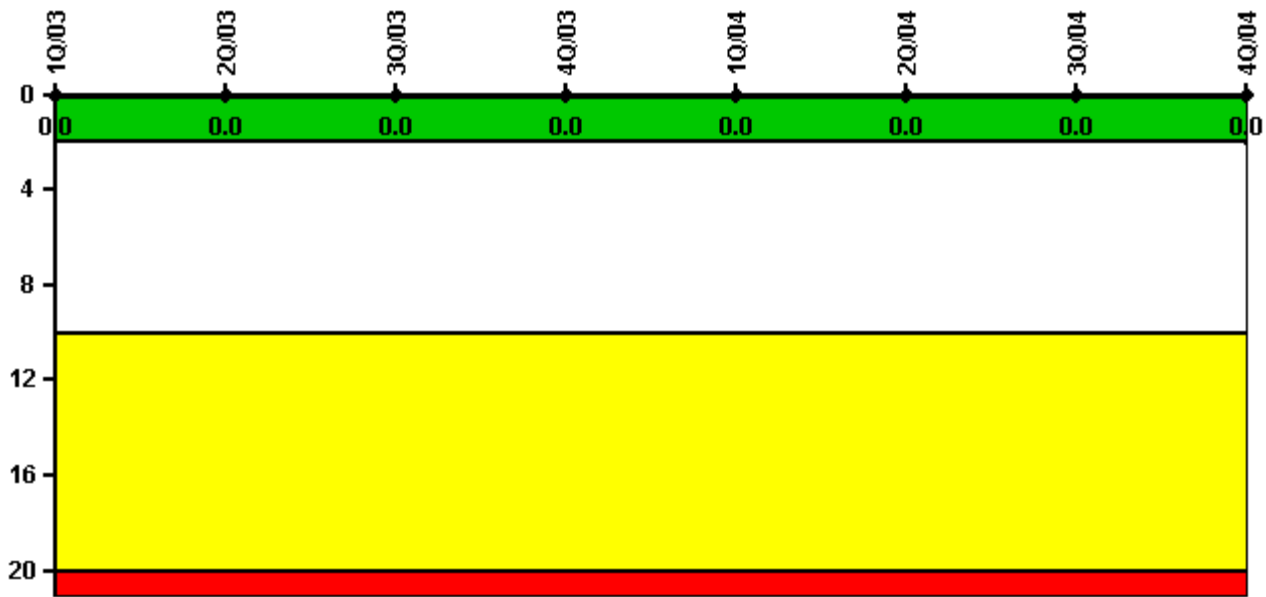
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Unplanned scrams	0	0	0	0	0	1.0	0	1.0
Critical hours	2160.0	2183.0	2208.0	1506.1	2184.0	2141.9	2208.0	2187.5
Indicator value	0	0	0	0	0	0.9	0.9	1.6

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



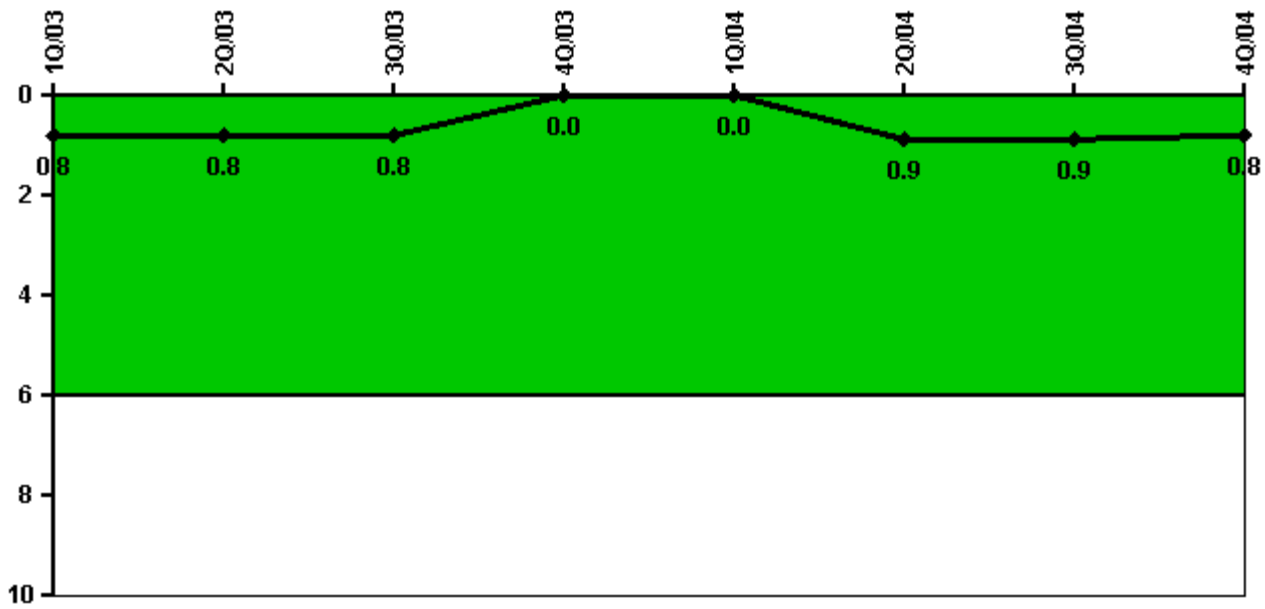
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



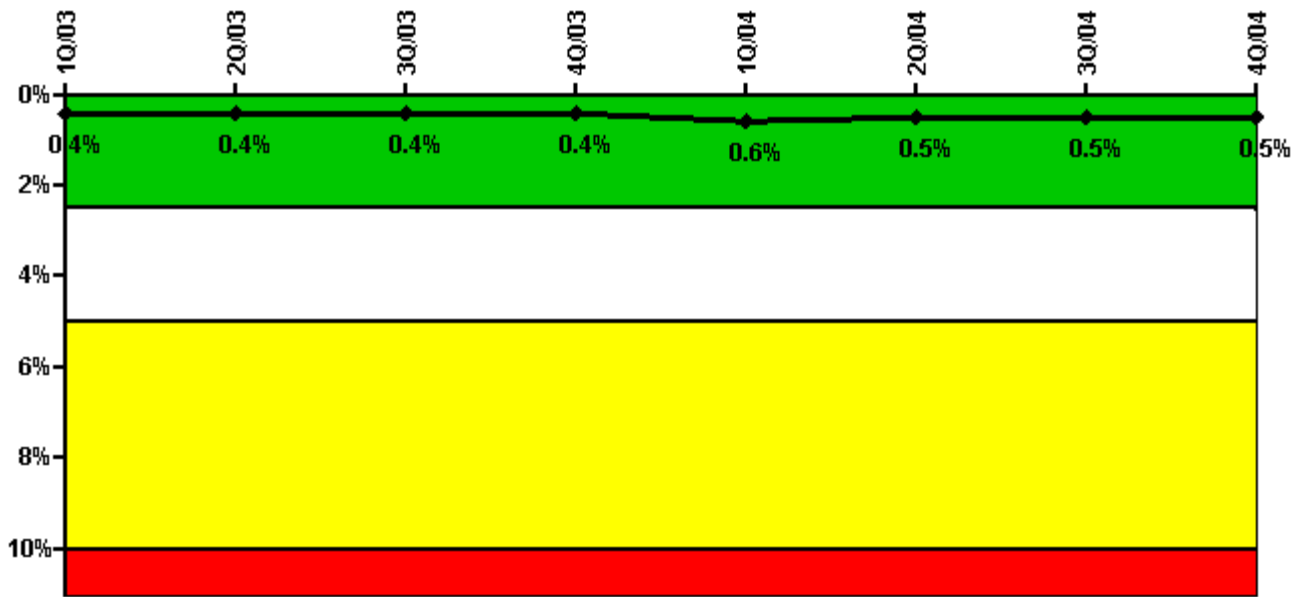
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Unplanned power changes	0	0	0	0	0	1.0	0	0
Critical hours	2160.0	2183.0	2208.0	1506.1	2184.0	2141.9	2208.0	2187.5
Indicator value	0.8	0.8	0.8	0	0	0.9	0.9	0.8

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



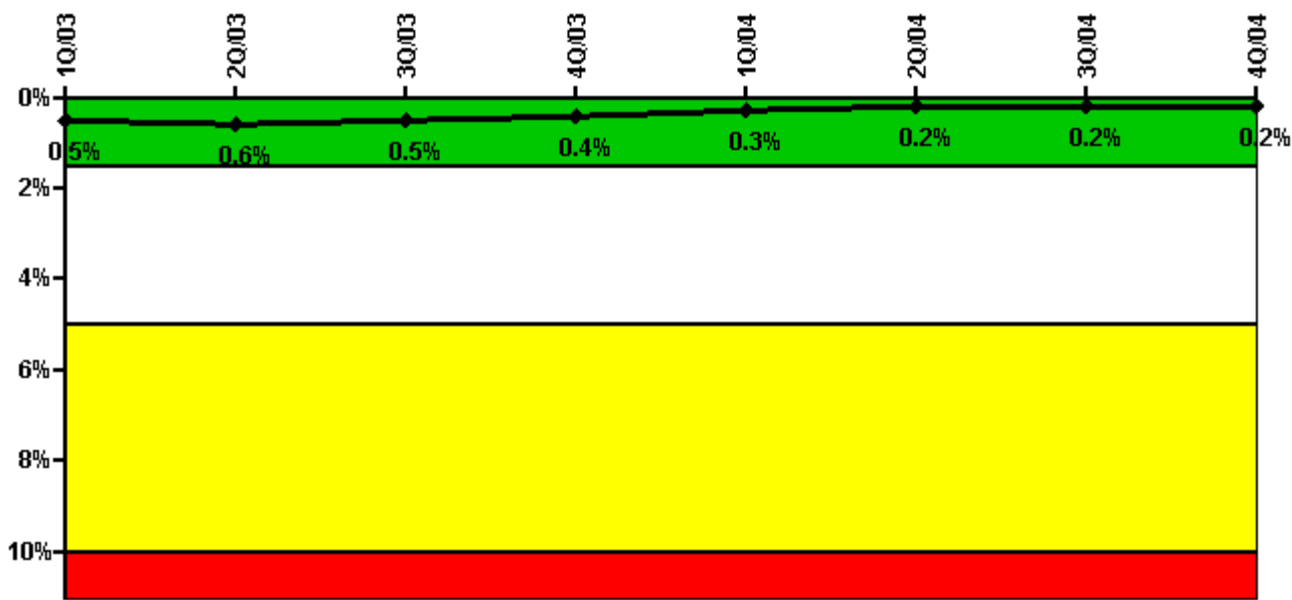
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours	1.60	8.60	4.40	1.60	2.70	10.00	3.20	2.40
Unplanned unavailable hours	0	7.30	4.50	0	72.60	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	2160.00	2183.00	2208.00	1907.50	2184.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	1.60	22.10	19.60	1.60	12.00	1.60	1.60	14.40
Unplanned unavailable hours	0	0	0	0	3.60	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	2160.00	2183.00	2208.00	1907.50	2184.00	2183.00	2208.00	2209.00
Indicator value	0.4%	0.4%	0.4%	0.4%	0.6%	0.5%	0.5%	0.5%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



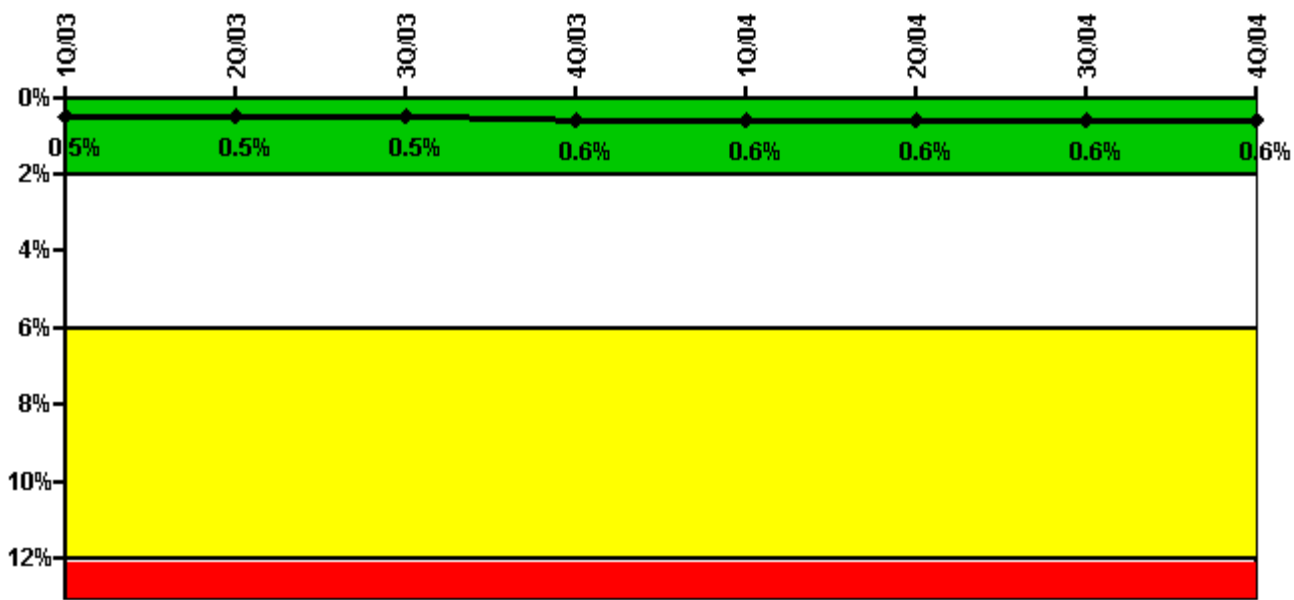
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

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	0	6.50	0	22.20	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	1586.00	2184.00	2183.00	2183.00	2209.00
Train 2								
Planned unavailable hours	13.00	3.00	0	0.80	16.90	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	2.40	7.80
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	1586.00	2184.00	2183.00	2183.00	2209.00
Indicator value	0.5%	0.6%	0.5%	0.4%	0.3%	0.2%	0.2%	0.2%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



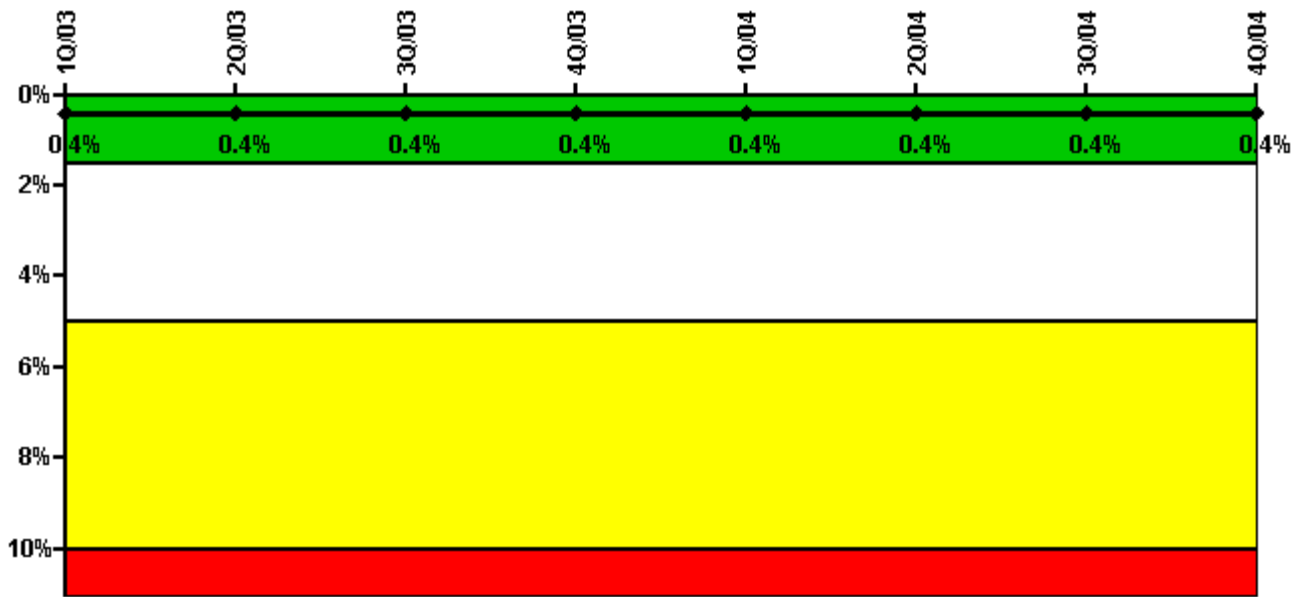
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours	0	12.80	4.90	38.00	0	0	0	0
Unplanned unavailable hours	11.20	2.50	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	1586.00	2184.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	0	0	34.80	4.90	0	0	0	12.10
Unplanned unavailable hours	0	0	16.30	19.30	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	1586.00	2184.00	2183.00	2208.00	2209.00
Indicator value	0.5%	0.5%	0.5%	0.6%	0.6%	0.6%	0.6%	0.6%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



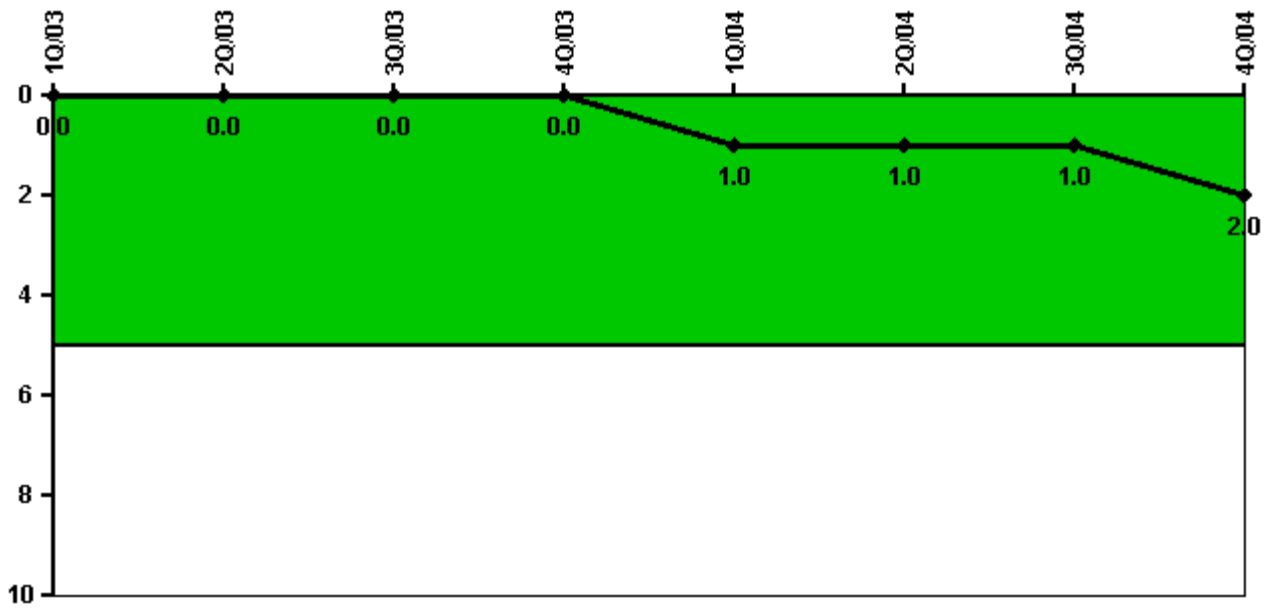
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

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	2.90	2.00	27.80	1.50	14.37	1.90	2.70	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	2160.00	2183.00	2208.00	1967.00	2184.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	1.60	2.00	23.70	1.50	3.23	2.40	4.20	2.50
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	1967.00	2184.00	2183.00	2208.00	2209.00
Indicator value	0.4%	0.4%	0.4%	0.4%	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/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Safety System Functional Failures	0	0	0	0	1	0	0	1
Indicator value	0	0	0	0	1	1	1	2

Licensee Comments: none

The figure is a 100x24 grid visualization. The vertical axis (y-axis) represents the number of nodes, ranging from 0 at the top to 100 at the bottom. The horizontal axis (x-axis) represents the number of nodes in the network, ranging from 0 to 24. The grid is filled with green and yellow cells, indicating the frequency of nodes at each position. The top row (0 nodes) is green, and the bottom row (100 nodes) is yellow. The grid shows a distribution of nodes across the network, with the highest frequency of nodes (100) occurring at 0 nodes in the network.

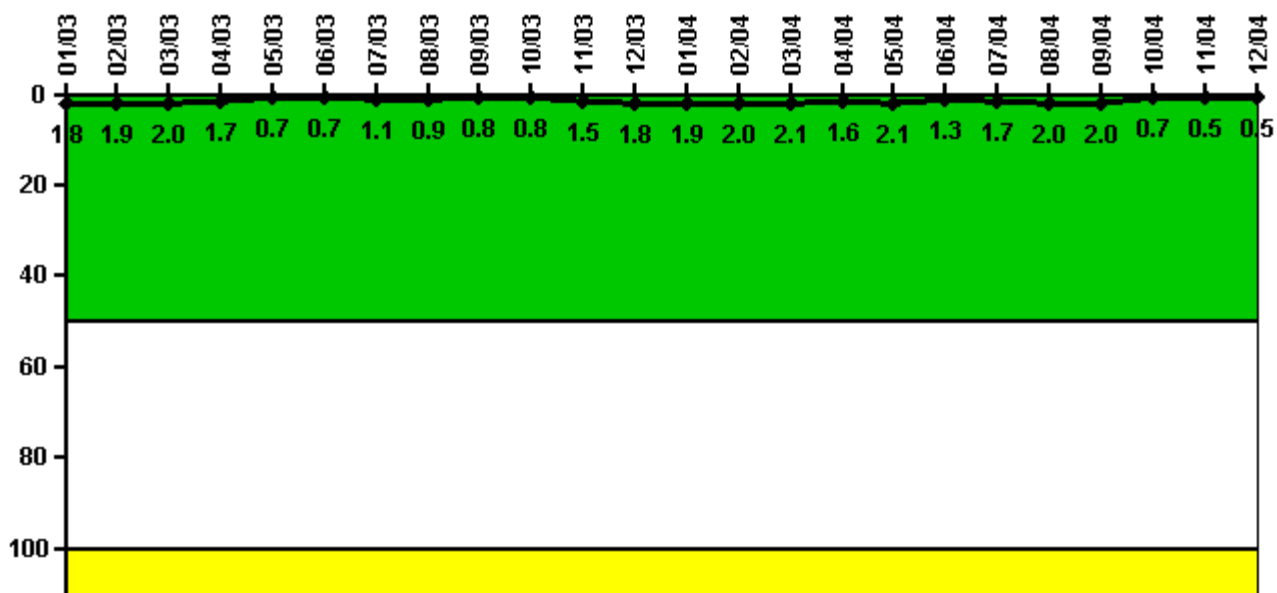
Thresholds: White > 50.0 Yellow > 100.0

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	0.000424	0.000780	0.000565	0.000678	0.000723	0.000706	0.000799	0.000739	0.000972	0	0.000382	0.000398
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0	0	0
Reactor Coolant System Activity	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04
Maximum activity	0.000405	0.000566	0.000442	0.000586	0.000455	0.000501	0.000668	0.000554	0.000565	0.000580	0.000605	0.000603
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0.1	0	0.1	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



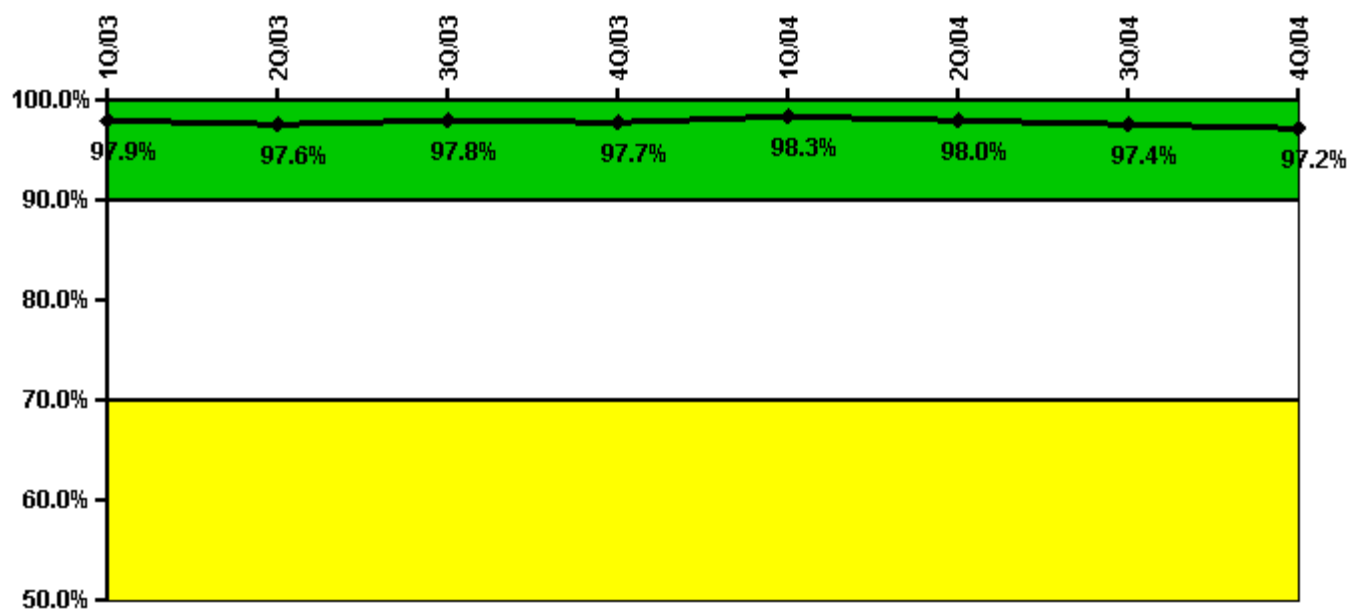
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03
Maximum leakage	0.180	0.190	0.200	0.170	0.070	0.070	0.110	0.090	0.080	0.080	0.150	0.180
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.8	1.9	2.0	1.7	0.7	0.7	1.1	0.9	0.8	0.8	1.5	1.8
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	0.190	0.200	0.210	0.160	0.210	0.130	0.170	0.200	0.200	0.070	0.050	0.050
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.9	2.0	2.1	1.6	2.1	1.3	1.7	2.0	2.0	0.7	0.5	0.5

Licensee Comments: none

Drill/Exercise Performance



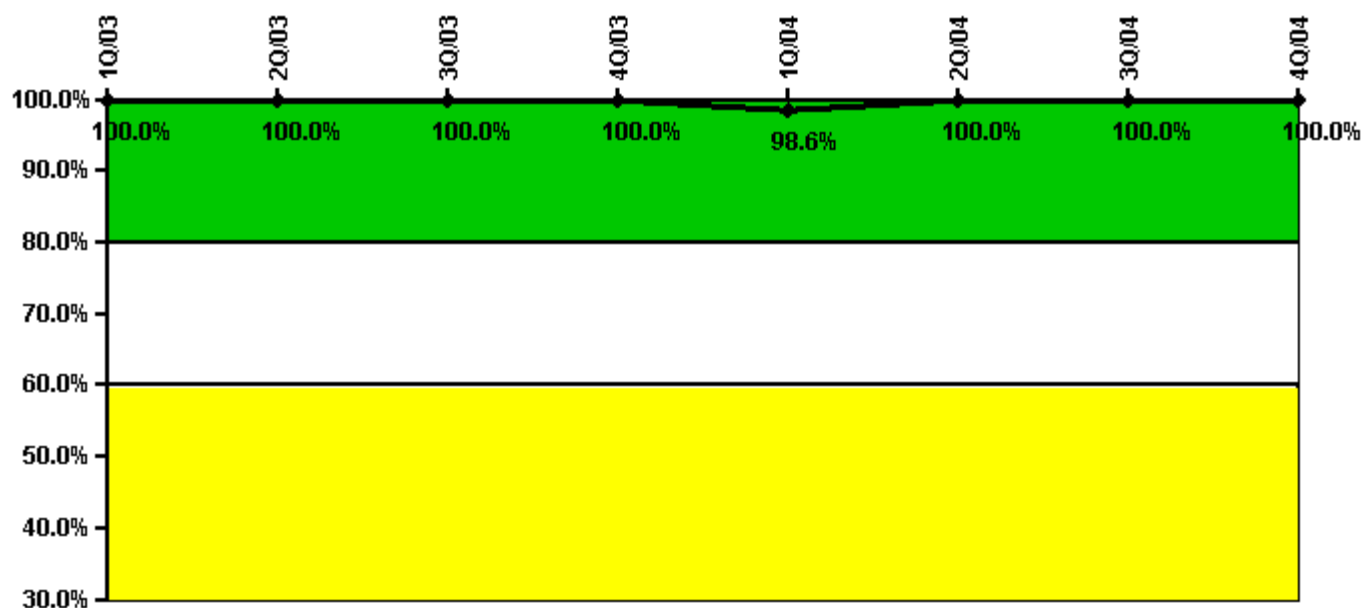
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Successful opportunities	68.0	56.0	26.0	25.0	57.0	40.0	32.0	7.0
Total opportunities	70.0	58.0	26.0	25.0	58.0	41.0	35.0	7.0
Indicator value	97.9%	97.6%	97.8%	97.7%	98.3%	98.0%	97.4%	97.2%

Licensee Comments: none

ERO Drill Participation



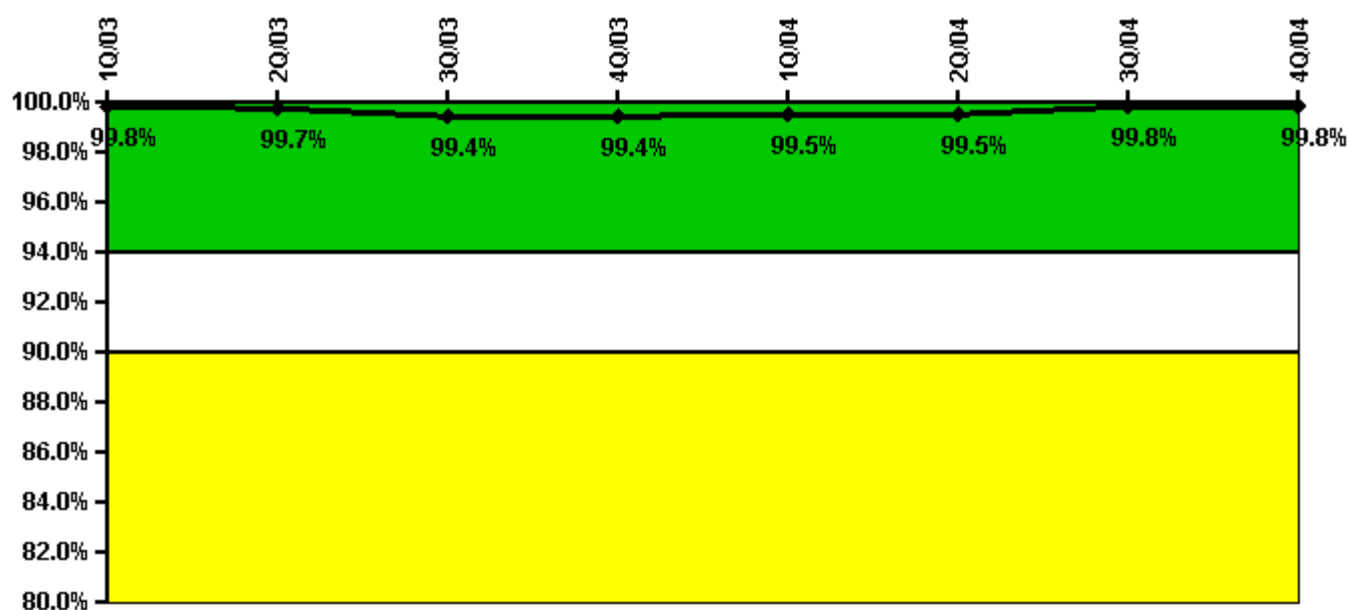
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Participating Key personnel	67.0	69.0	68.0	70.0	71.0	72.0	72.0	74.0
Total Key personnel	67.0	69.0	68.0	70.0	72.0	72.0	72.0	74.0
Indicator value	100.0%	100.0%	100.0%	100.0%	98.6%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



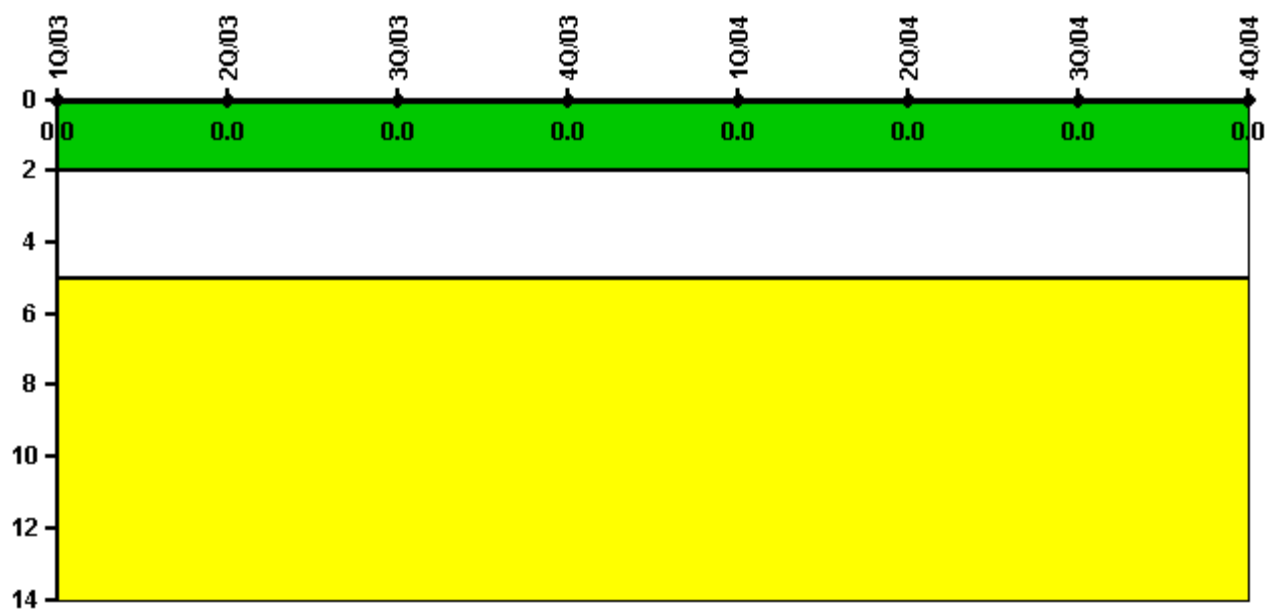
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Successful siren-tests	279	375	278	376	327	329	282	375
Total sirens-tests	282	376	282	376	329	329	282	376
Indicator value	99.8%	99.7%	99.4%	99.4%	99.5%	99.5%	99.8%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness

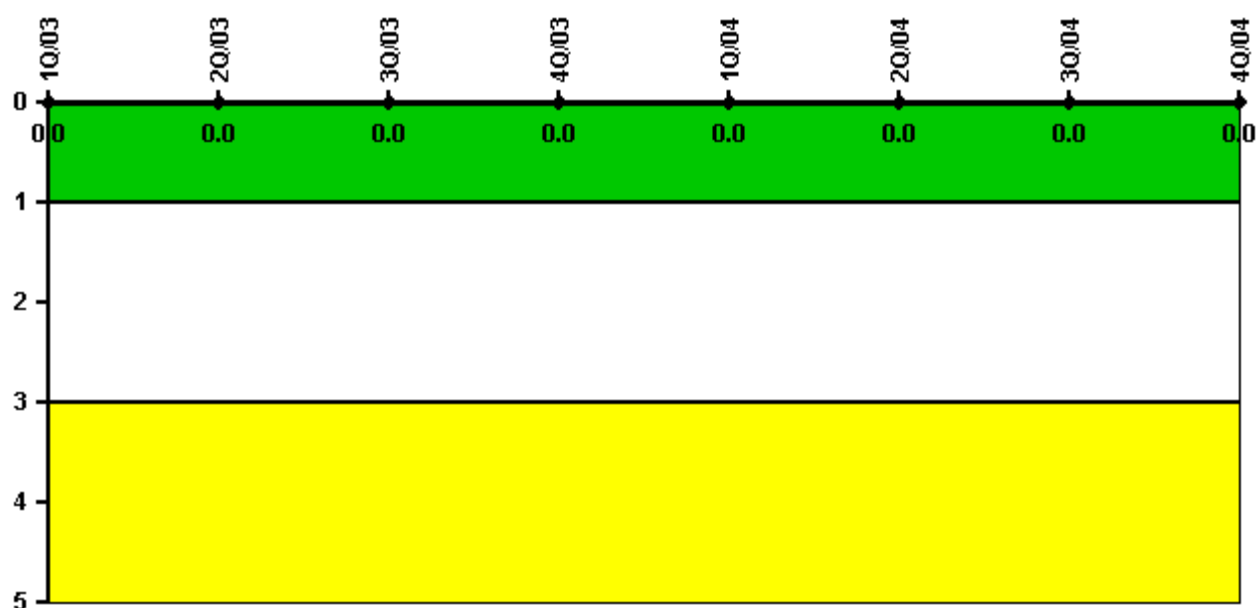


Thresholds: White > 2.0 Yellow > 5.0

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](#)

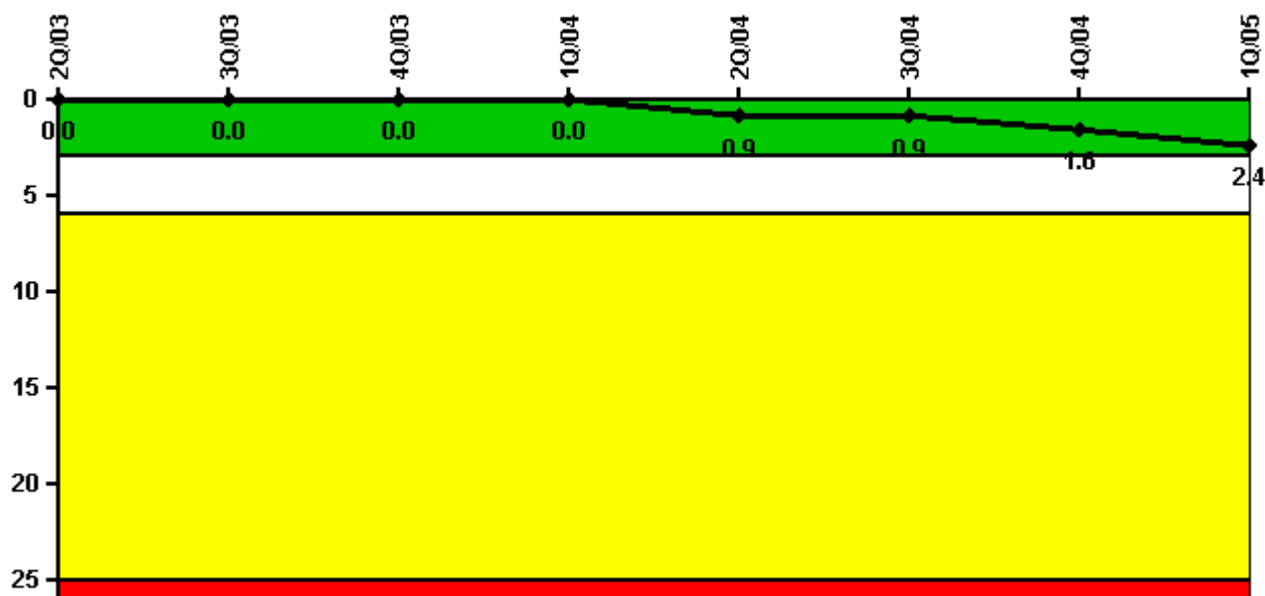
Last Modified: March 9, 2005

Turkey Point 4

1Q/2005 Performance Indicators

Licensee's General Comments: The data for 1Q/2004 was changed from .000580 to .000582. No change in PI value or color

Unplanned Scrams per 7000 Critical Hrs



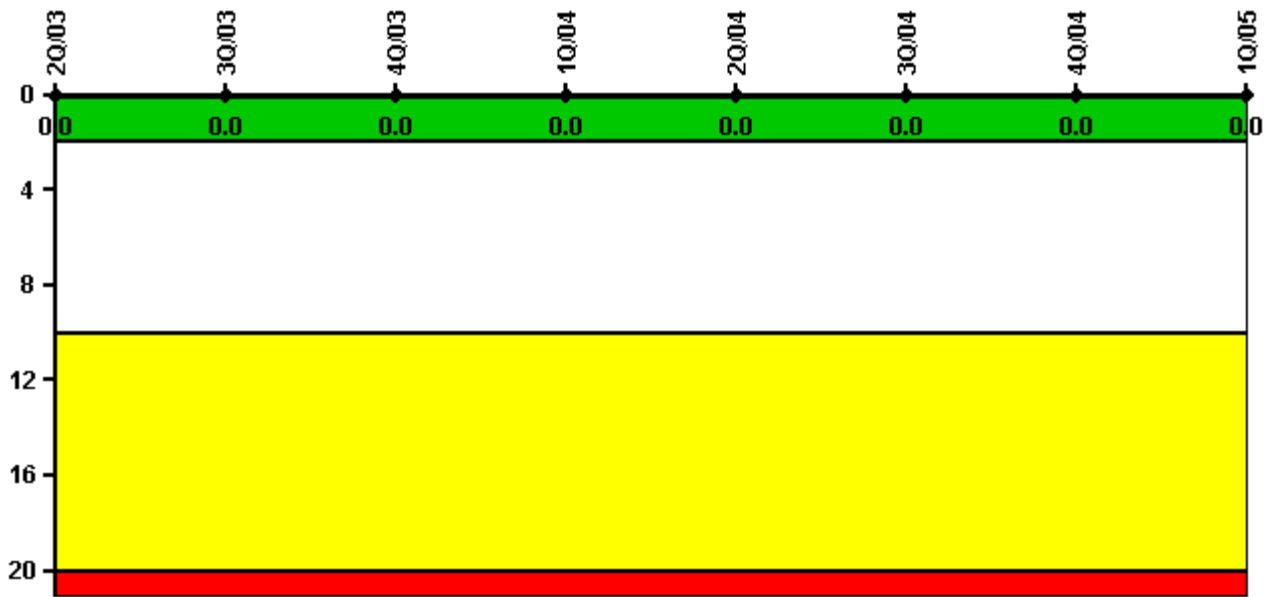
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Unplanned scrams	0	0	0	0	1.0	0	1.0	1.0
Critical hours	2183.0	2208.0	1506.1	2184.0	2141.9	2208.0	2187.5	2118.3
Indicator value	0	0	0	0	0.9	0.9	1.6	2.4

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



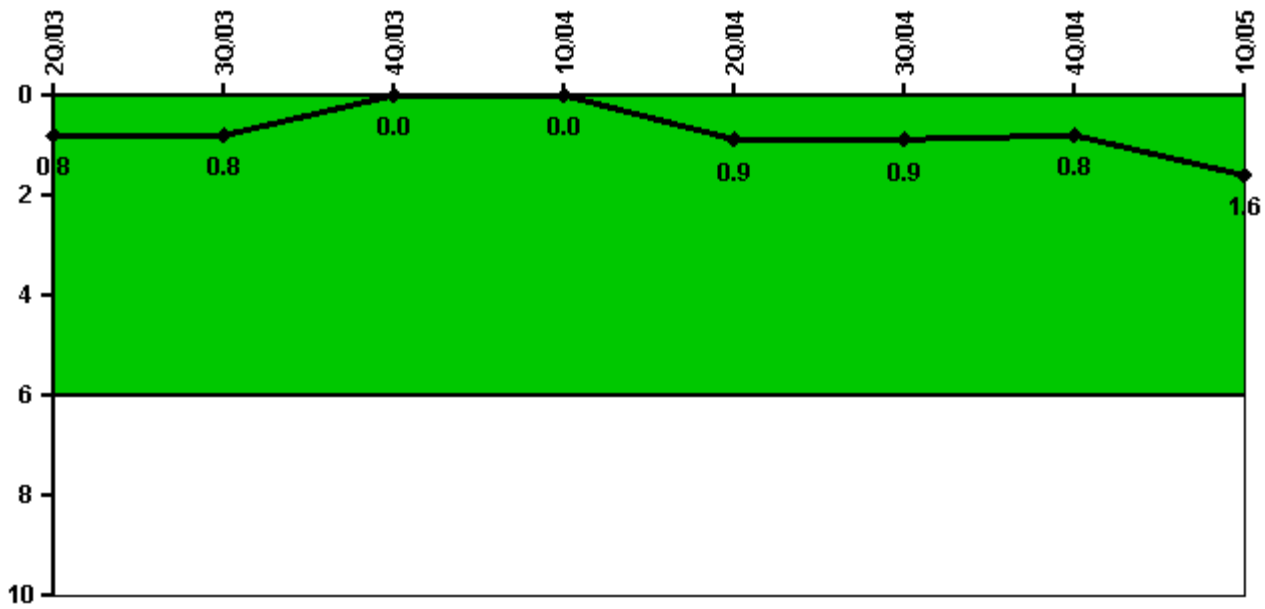
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



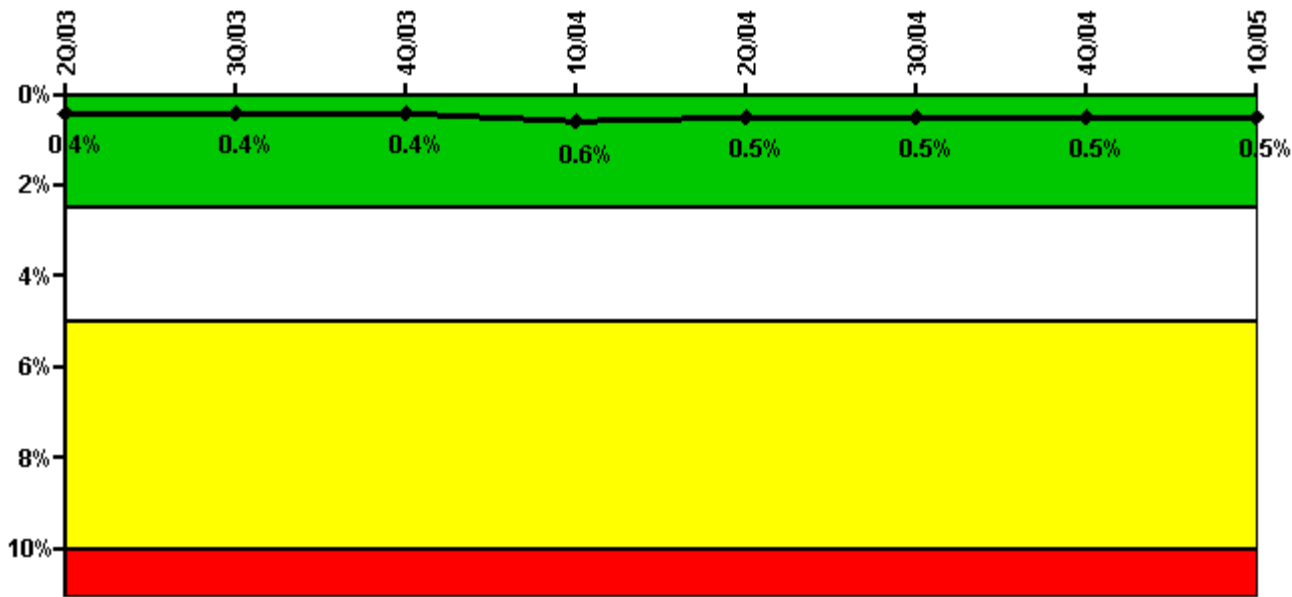
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Unplanned power changes	0	0	0	0	1.0	0	0	1.0
Critical hours	2183.0	2208.0	1506.1	2184.0	2141.9	2208.0	2187.5	2118.3
Indicator value	0.8	0.8	0	0	0.9	0.9	0.8	1.6

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



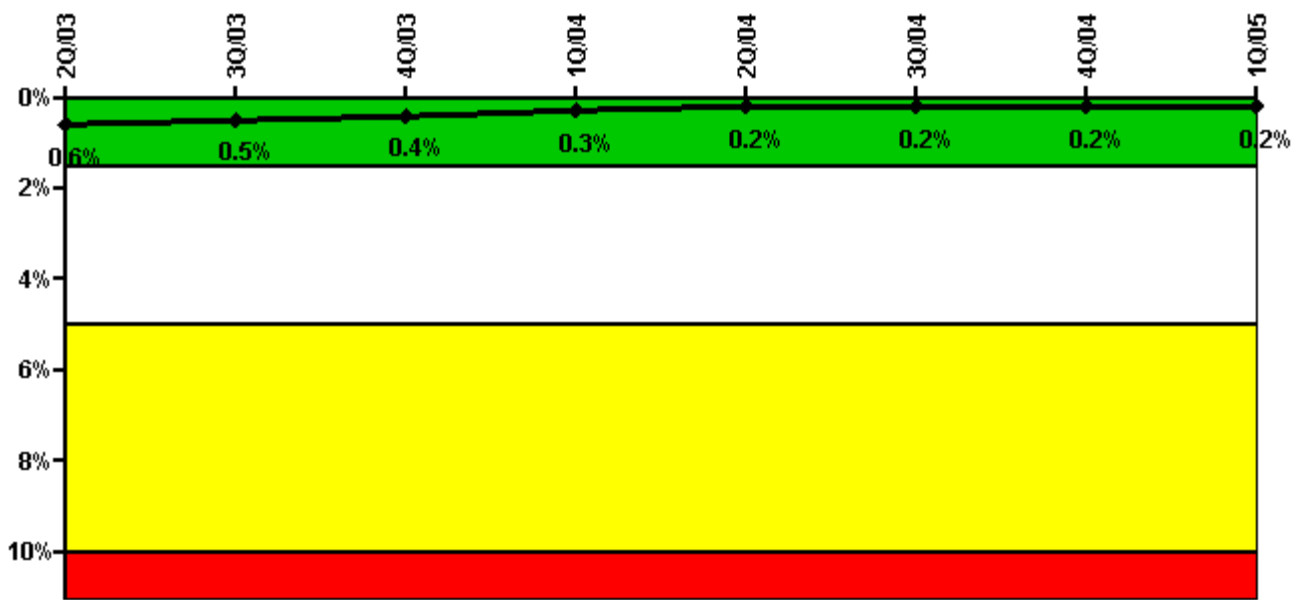
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	8.60	4.40	1.60	2.70	10.00	3.20	2.40	1.60
Unplanned unavailable hours	7.30	4.50	0	72.60	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	2183.00	2208.00	1907.50	2184.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	22.10	19.60	1.60	12.00	1.60	1.60	14.40	2.40
Unplanned unavailable hours	0	0	0	3.60	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	2183.00	2208.00	1907.50	2184.00	2183.00	2208.00	2209.00	2160.00
Indicator value	0.4%	0.4%	0.4%	0.6%	0.5%	0.5%	0.5%	0.5%

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	6.50	0	22.20	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	1586.00	2184.00	2183.00	2183.00	2209.00	2160.00
Train 2								
Planned unavailable hours	3.00	0	0.80	16.90	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	2.40	7.80	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	1586.00	2184.00	2183.00	2183.00	2209.00	2160.00
Indicator value	0.6%	0.5%	0.4%	0.3%	0.2%	0.2%	0.2%	0.2%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



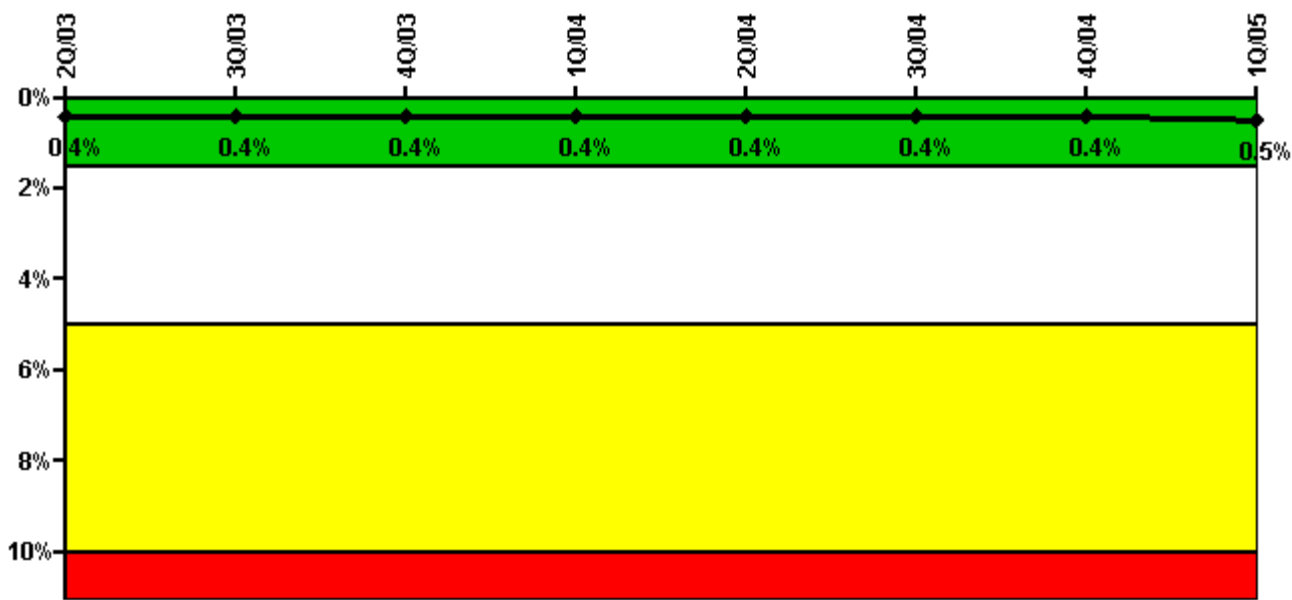
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	12.80	4.90	38.00	0	0	0	0	0
Unplanned unavailable hours	2.50	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	1586.00	2184.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	0	34.80	4.90	0	0	0	12.10	1.80
Unplanned unavailable hours	0	16.30	19.30	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	2183.00	2208.00	1586.00	2184.00	2183.00	2208.00	2209.00	2160.00
Indicator value	0.5%	0.5%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



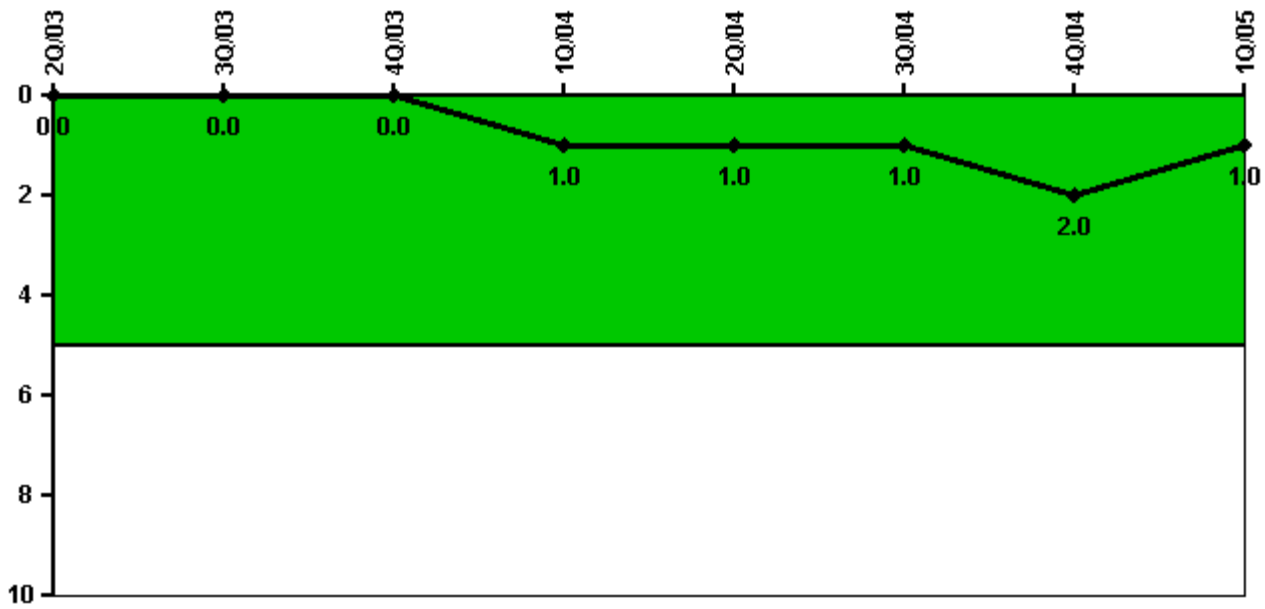
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	2.00	27.80	1.50	14.37	1.90	2.70	2.90	21.80
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	2183.00	2208.00	1967.00	2184.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	2.00	23.70	1.50	3.23	2.40	4.20	2.50	67.10
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	2183.00	2208.00	1967.00	2184.00	2183.00	2208.00	2209.00	2160.00
Indicator value	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.5%

Licensee Comments: none

Safety System Functional Failures (PWR)



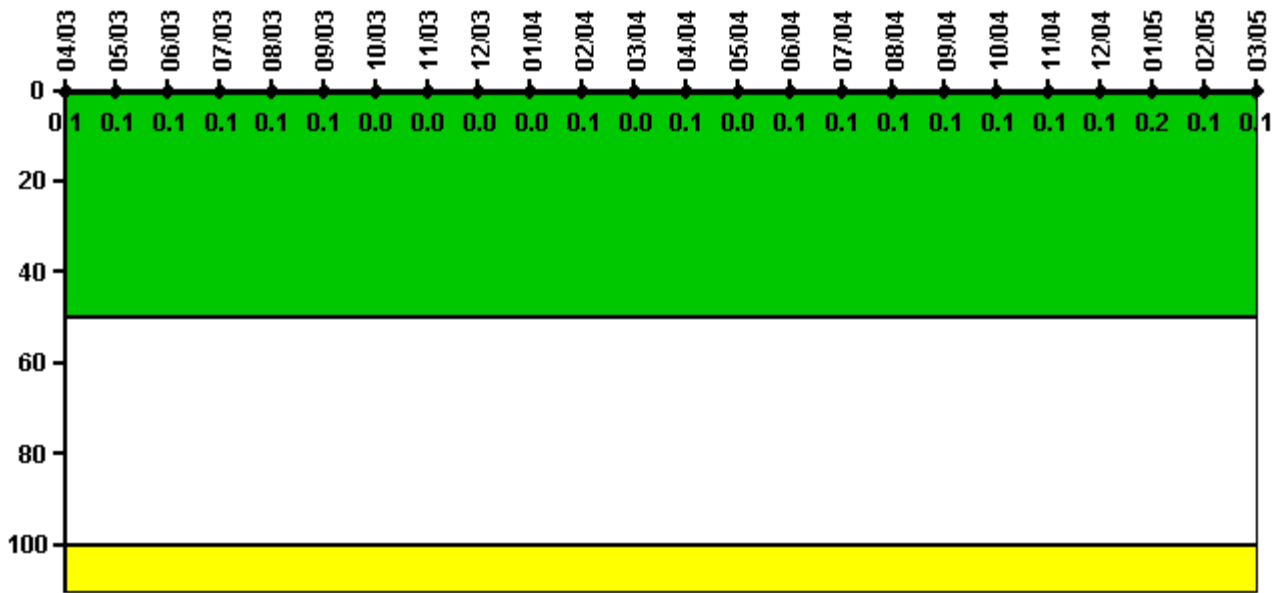
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

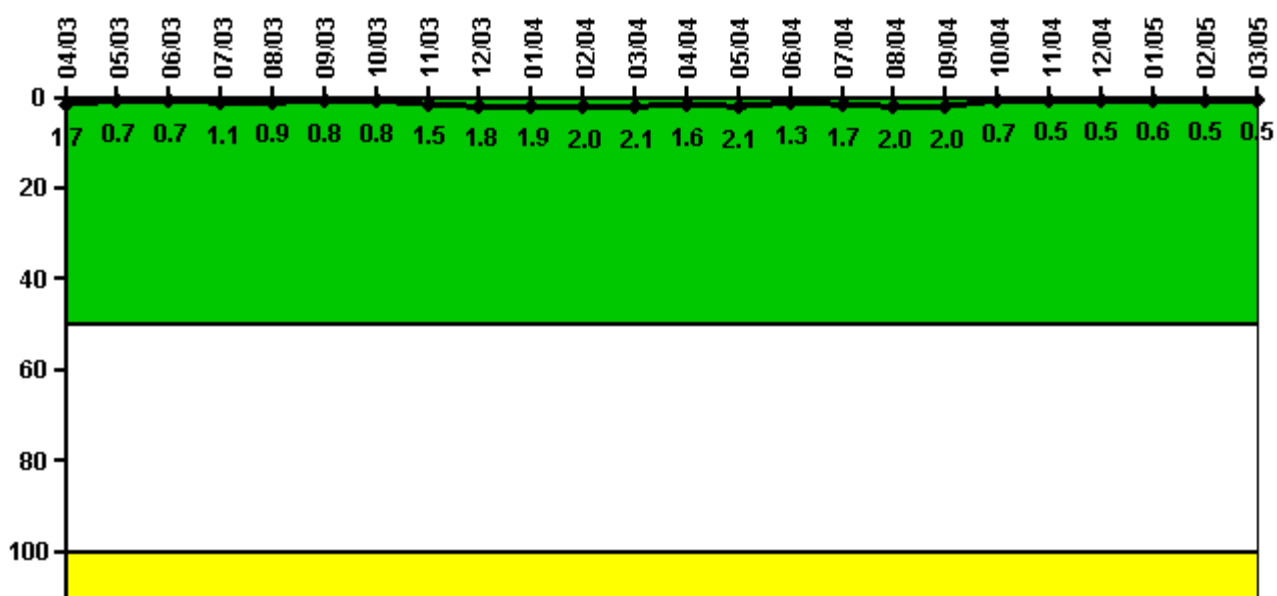
Notes

Reactor Coolant System Activity	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04
Maximum activity	0.000678	0.000723	0.000706	0.000799	0.000739	0.000972	0	0.000382	0.000398	0.000405	0.000566	0.000442
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0	0	0	0	0.1	0

Reactor Coolant System Activity	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05
Maximum activity	0.000586	0.000455	0.000501	0.000668	0.000554	0.000565	0.000582	0.000605	0.000603	0.001590	0.000660	0.000856
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



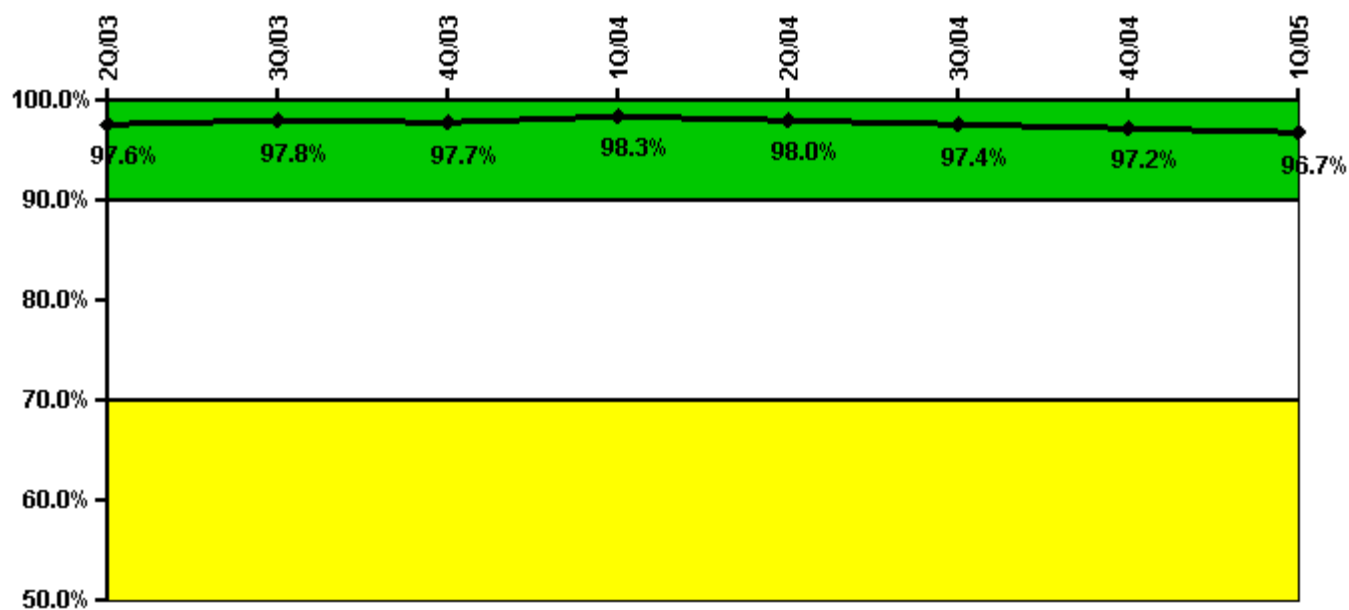
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	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	0.170	0.070	0.070	0.110	0.090	0.080	0.080	0.150	0.180	0.190	0.200	0.210
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	1.7	0.7	0.7	1.1	0.9	0.8	0.8	1.5	1.8	1.9	2.0	2.1
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	0.160	0.210	0.130	0.170	0.200	0.200	0.070	0.050	0.050	0.060	0.050	0.050
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.6	2.1	1.3	1.7	2.0	2.0	0.7	0.5	0.5	0.6	0.5	0.5

Licensee Comments: none

Drill/Exercise Performance



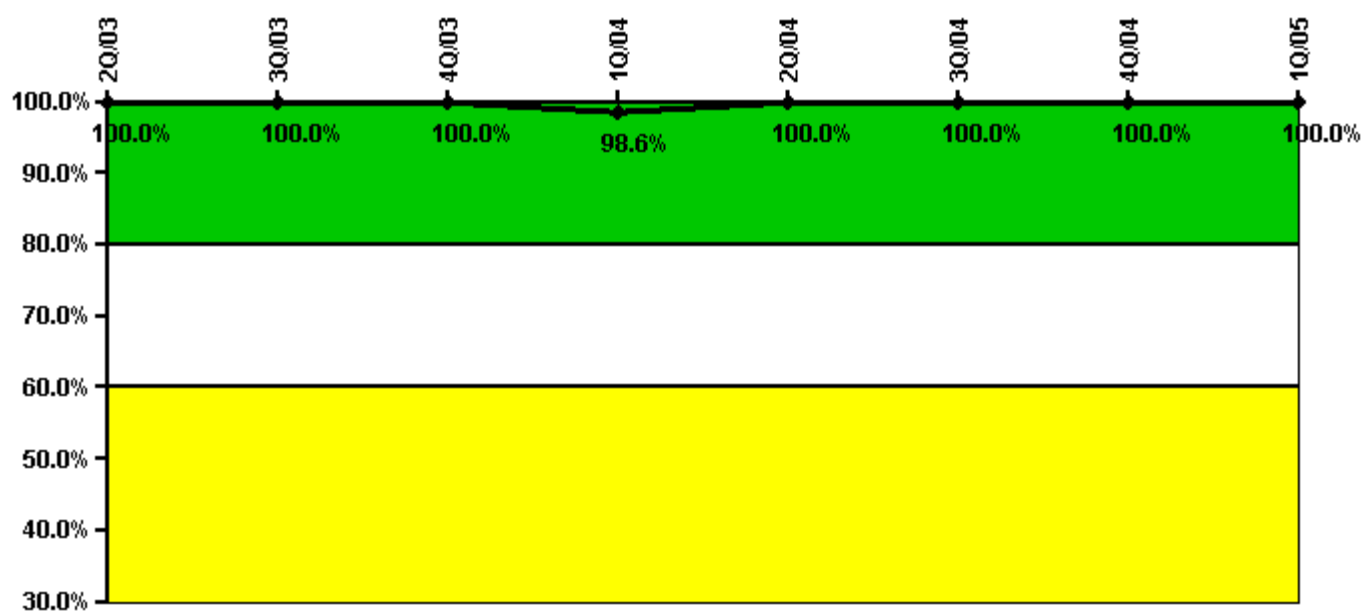
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Successful opportunities	56.0	26.0	25.0	57.0	40.0	32.0	7.0	50.0
Total opportunities	58.0	26.0	25.0	58.0	41.0	35.0	7.0	53.0
Indicator value	97.6%	97.8%	97.7%	98.3%	98.0%	97.4%	97.2%	96.7%

Licensee Comments: none

ERO Drill Participation



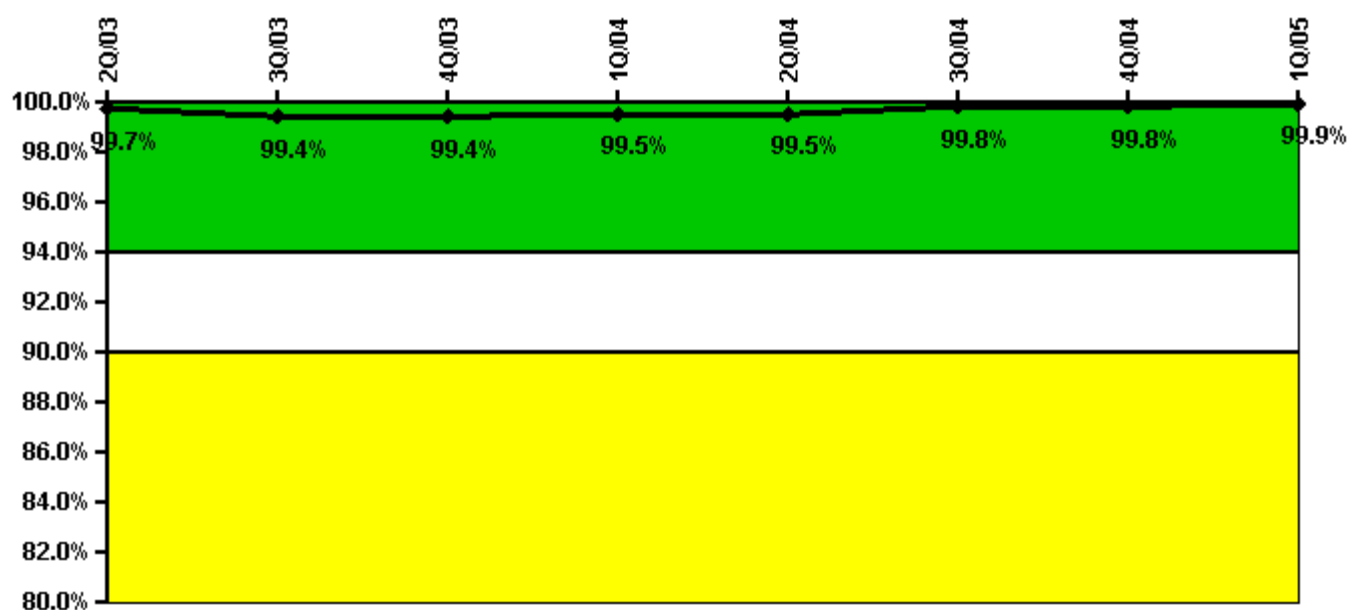
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Participating Key personnel	69.0	68.0	70.0	71.0	72.0	72.0	74.0	67.0
Total Key personnel	69.0	68.0	70.0	72.0	72.0	72.0	74.0	67.0
Indicator value	100.0%	100.0%	100.0%	98.6%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



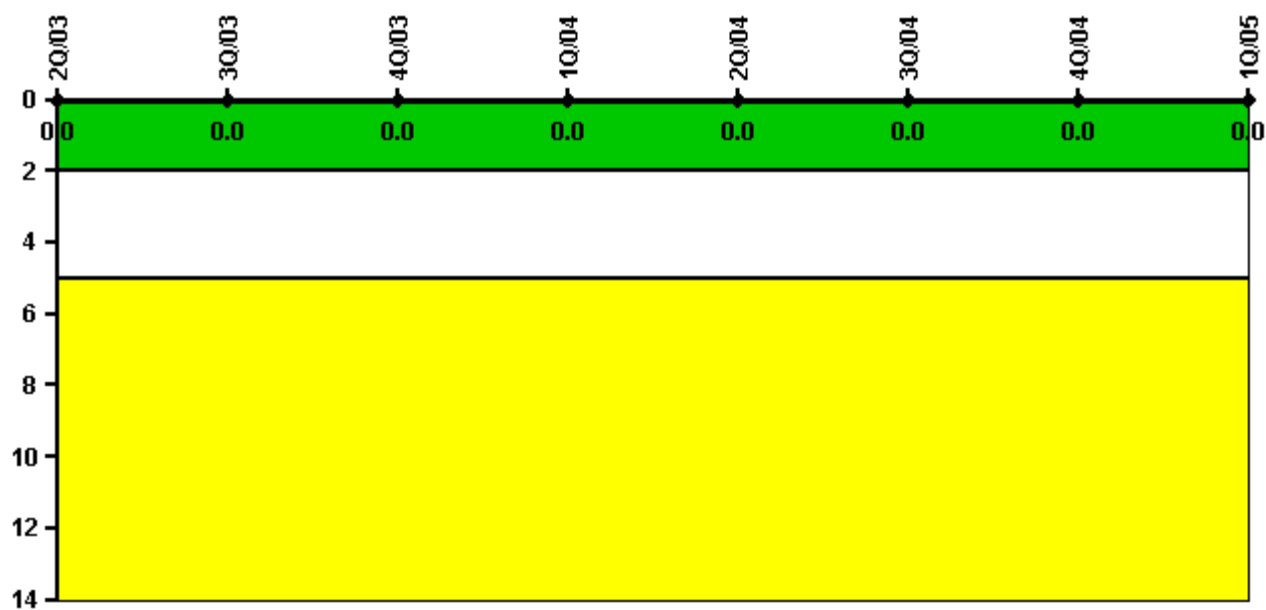
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Successful siren-tests	375	278	376	327	329	282	375	282
Total sirens-tests	376	282	376	329	329	282	376	282
Indicator value	99.7%	99.4%	99.4%	99.5%	99.5%	99.8%	99.8%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness

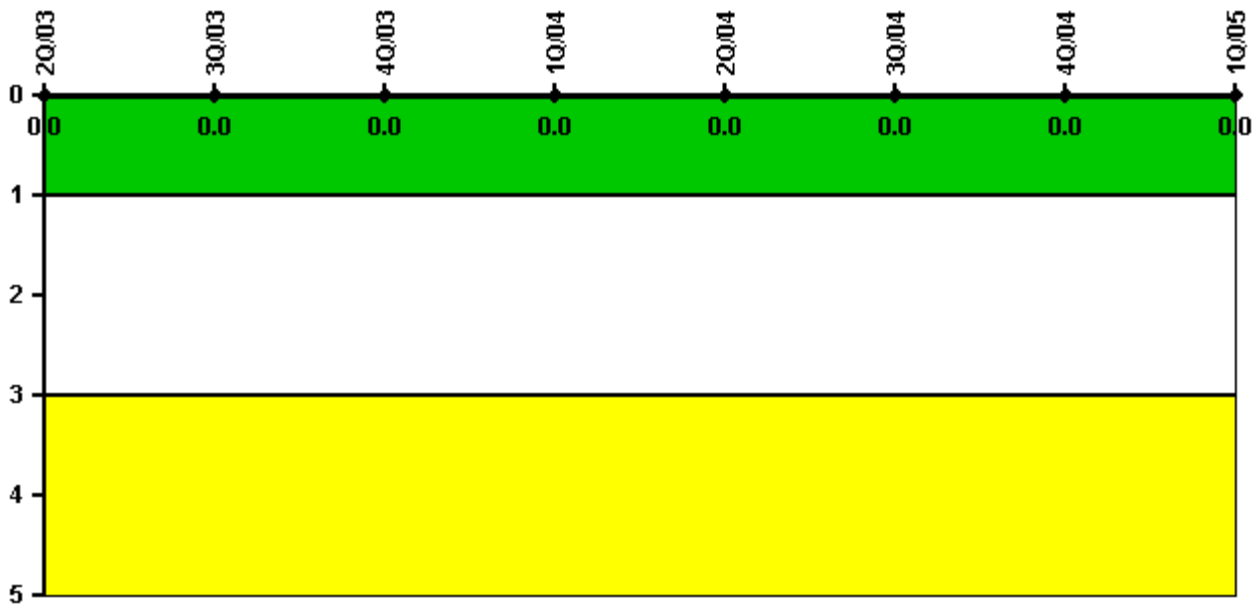


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/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](#)

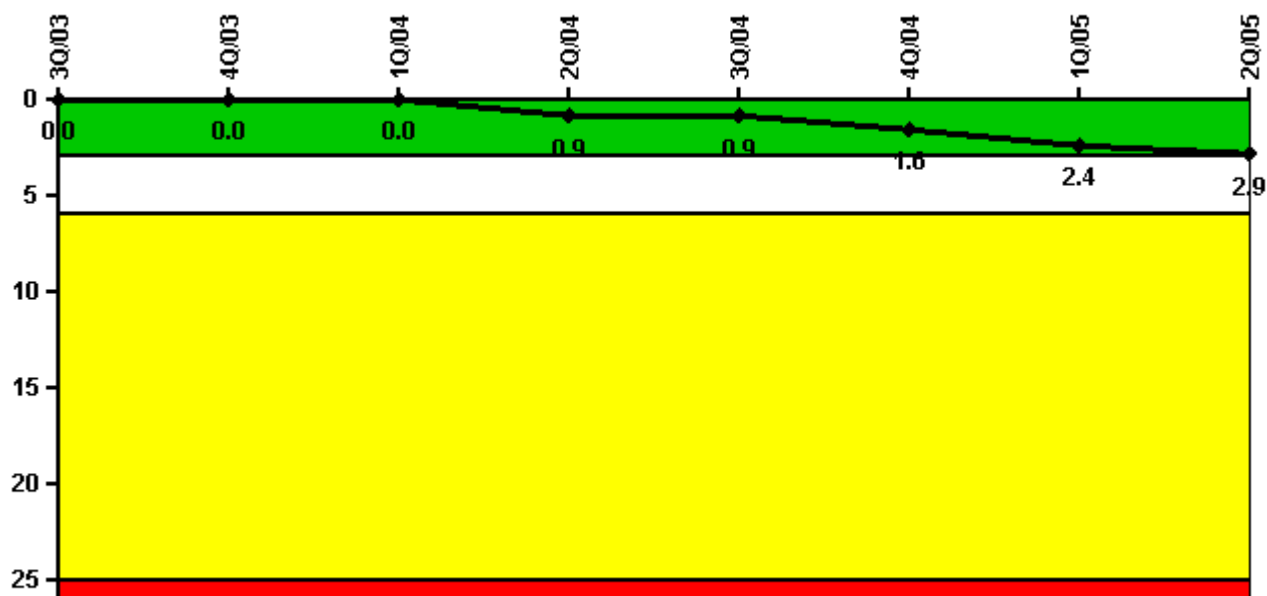
Last Modified: June 17, 2005

Turkey Point 4

2Q/2005 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



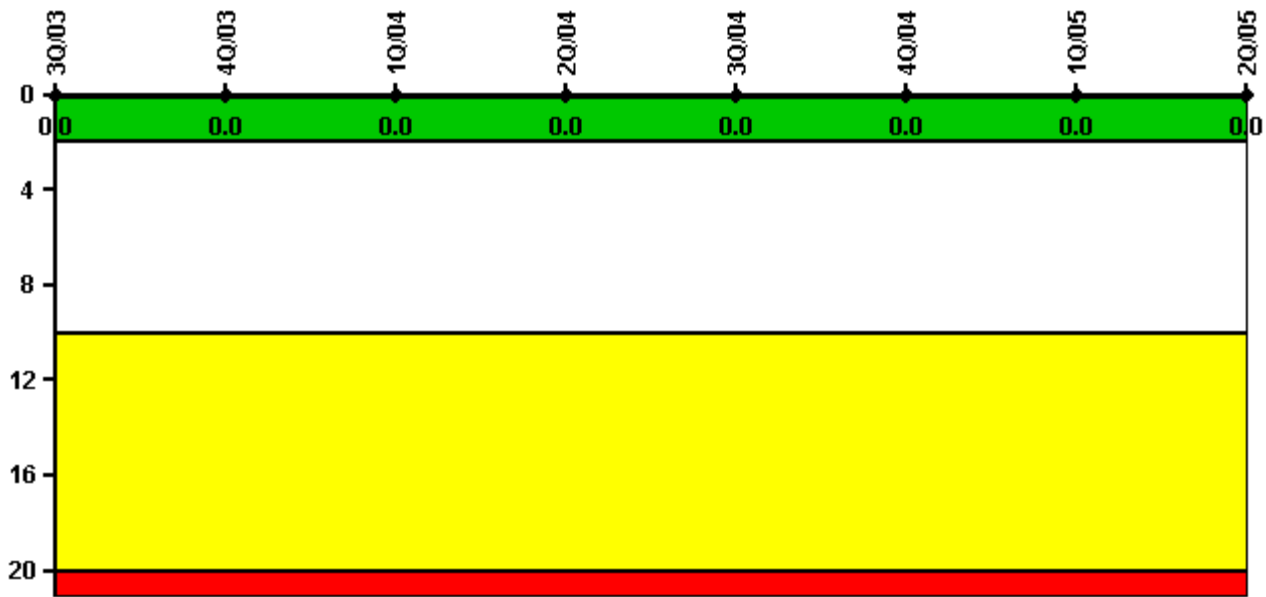
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Unplanned scrams	0	0	0	1.0	0	1.0	1.0	1.0
Critical hours	2208.0	1506.1	2184.0	2141.9	2208.0	2187.5	2118.3	619.6
Indicator value	0	0	0	0.9	0.9	1.6	2.4	2.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



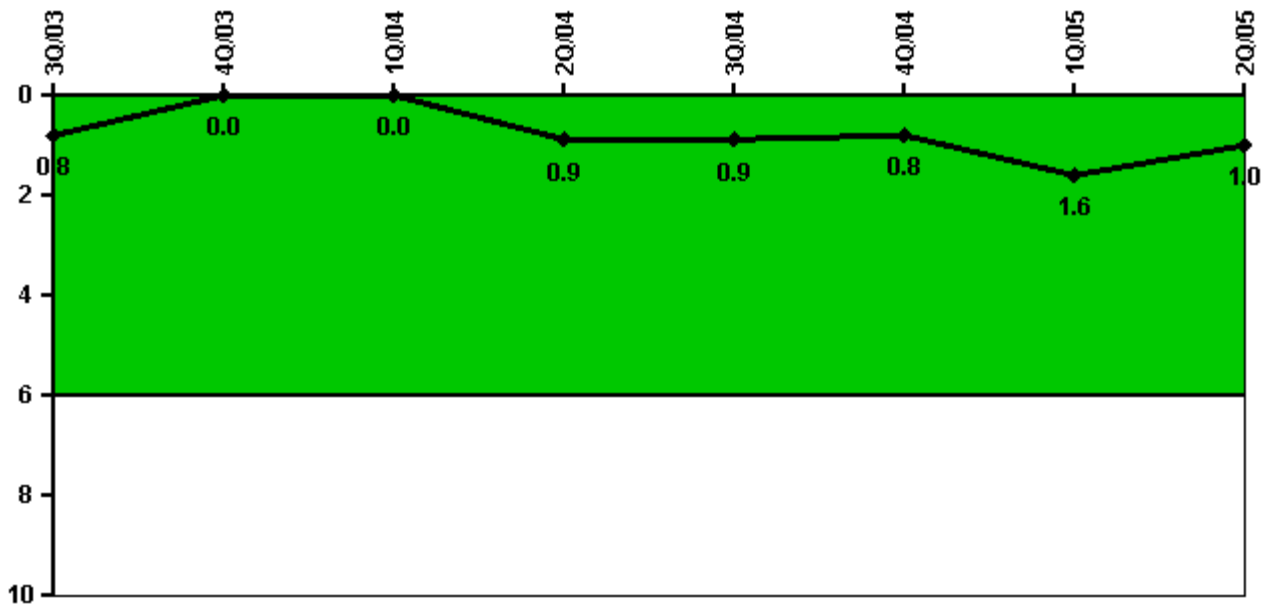
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



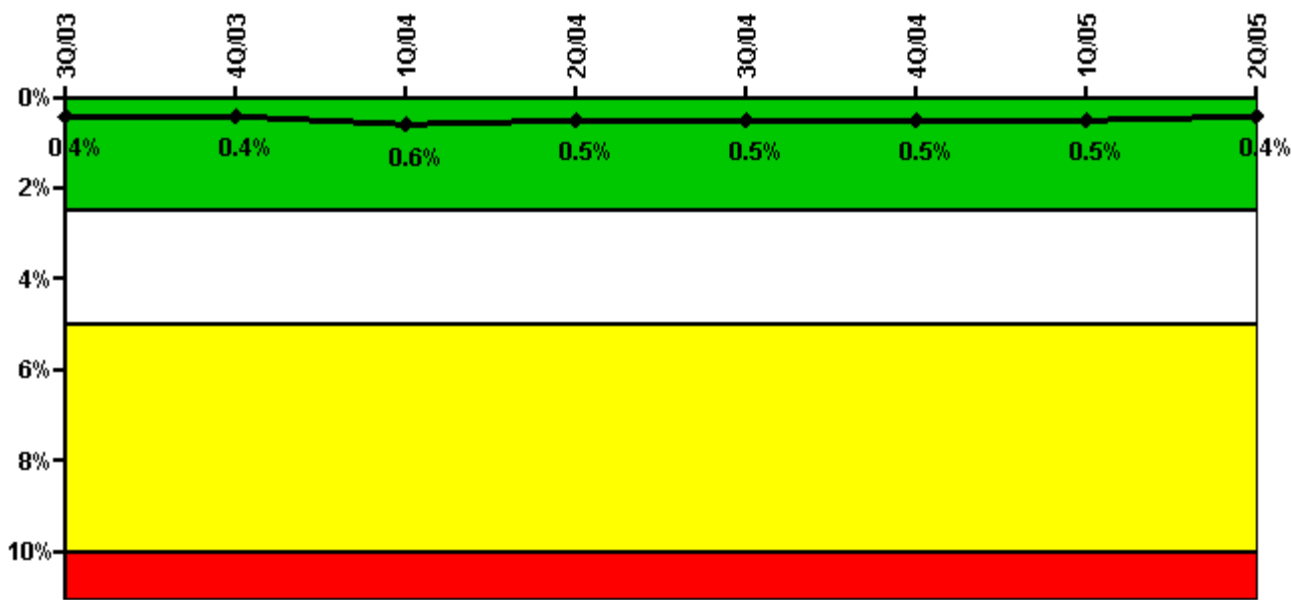
Thresholds: White > 6.0

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	1.0	0	0	1.0	0
Critical hours	2208.0	1506.1	2184.0	2141.9	2208.0	2187.5	2118.3	619.6
Indicator value	0.8	0	0	0.9	0.9	0.8	1.6	1.0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



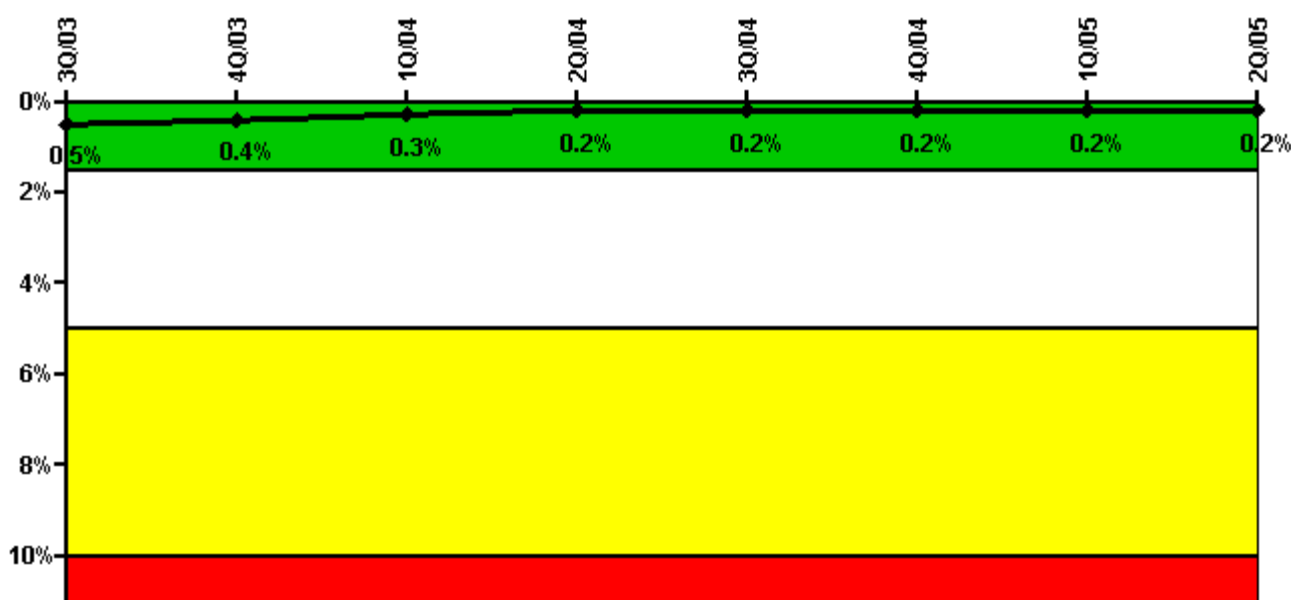
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	4.40	1.60	2.70	10.00	3.20	2.40	1.60	1.60
Unplanned unavailable hours	4.50	0	72.60	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	2208.00	1907.50	2184.00	2183.00	2208.00	2209.00	2160.00	1557.84
Train 2								
Planned unavailable hours	19.60	1.60	12.00	1.60	1.60	14.40	2.40	0.80
Unplanned unavailable hours	0	0	3.60	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	2208.00	1907.50	2184.00	2183.00	2208.00	2209.00	2160.00	1557.84
Indicator value	0.4%	0.4%	0.6%	0.5%	0.5%	0.5%	0.5%	0.4%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



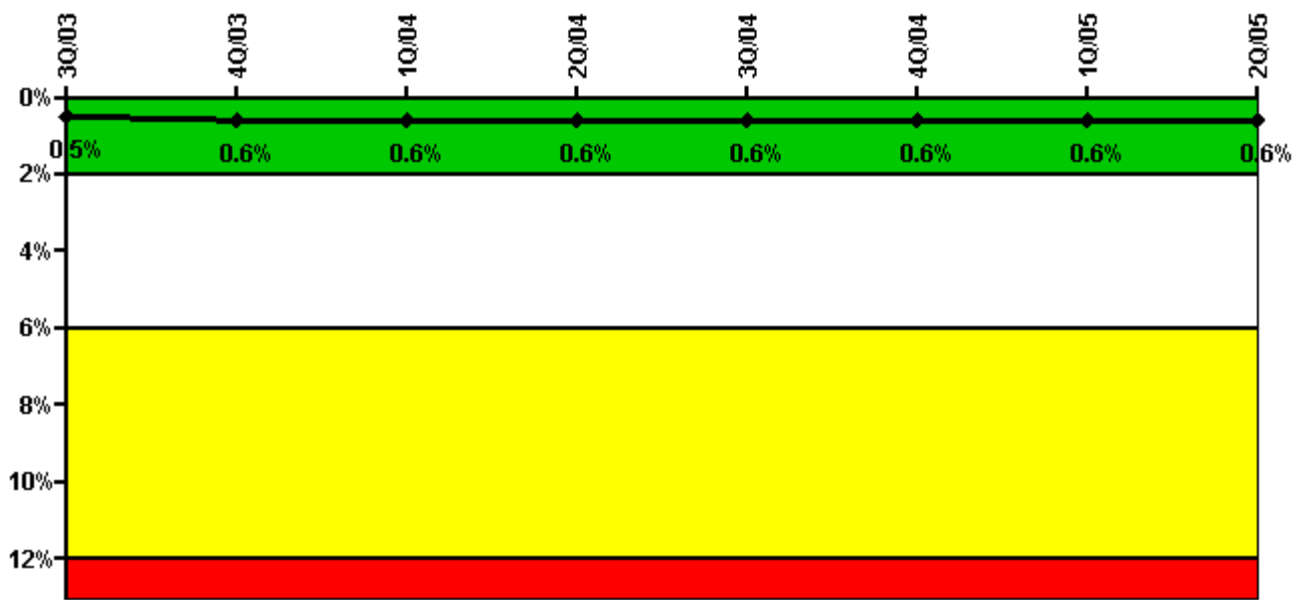
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	0	22.20	0	0	0	0	0	0.90
Unplanned unavailable hours	0	0	0	0	0	0	0	0.30
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	1586.00	2184.00	2183.00	2183.00	2209.00	2160.00	911.00
Train 2								
Planned unavailable hours	0	0.80	16.90	0	0	0	0	0.20
Unplanned unavailable hours	0	0	0	0	2.40	7.80	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	1586.00	2184.00	2183.00	2183.00	2209.00	2160.00	911.00
Indicator value	0.5%	0.4%	0.3%	0.2%	0.2%	0.2%	0.2%	0.2%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



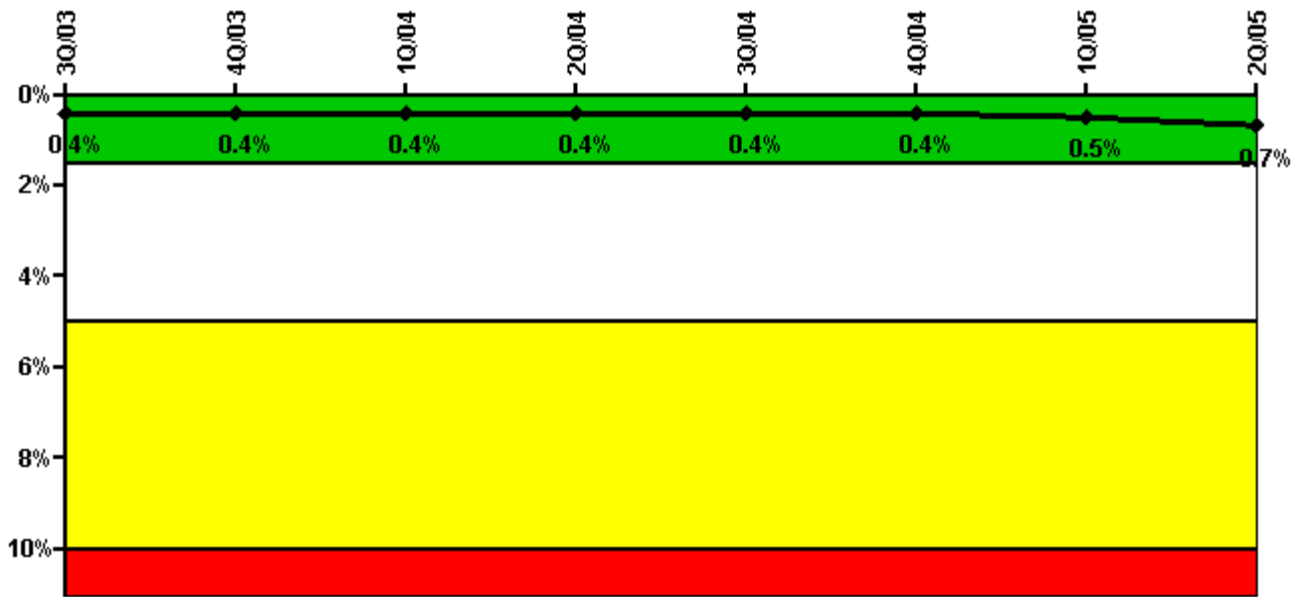
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	4.90	38.00	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	1586.00	2184.00	2183.00	2208.00	2209.00	2160.00	911.00
Train 2								
Planned unavailable hours	34.80	4.90	0	0	0	12.10	1.80	0
Unplanned unavailable hours	16.30	19.30	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	2208.00	1586.00	2184.00	2183.00	2208.00	2209.00	2160.00	911.00
Indicator value	0.5%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



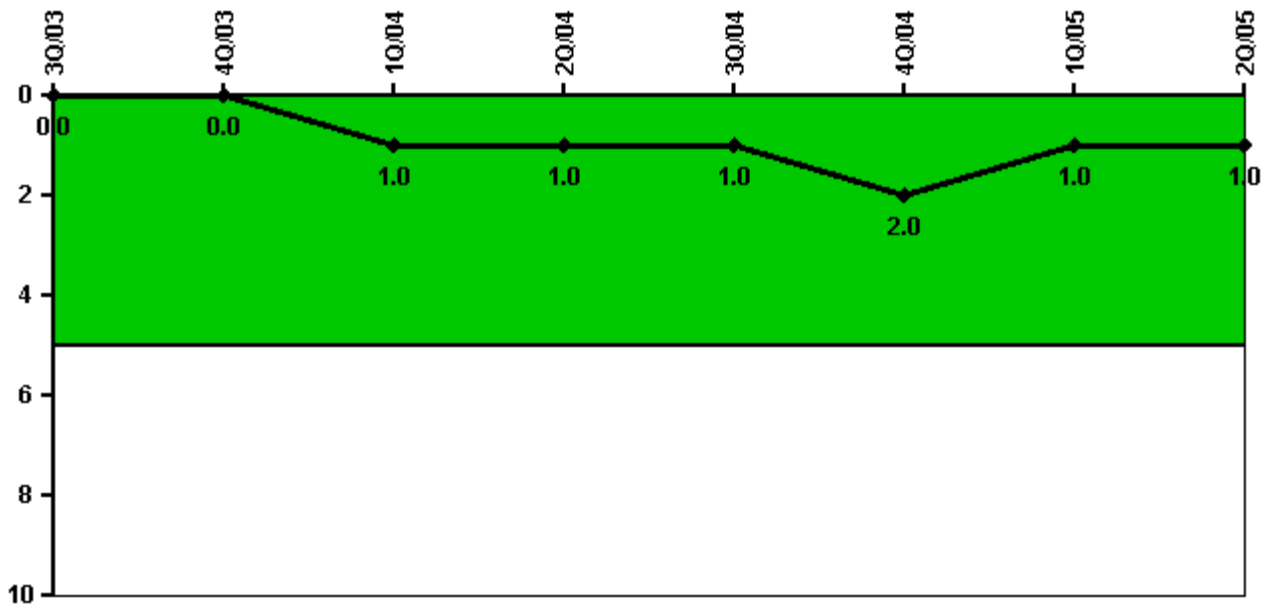
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

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	27.80	1.50	14.37	1.90	2.70	2.90	45.00	1.97
Unplanned unavailable hours	0	0	0	0	0	0	0	0.50
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	1967.00	2184.00	2183.00	2208.00	2209.00	2160.00	1352.10
Train 2								
Planned unavailable hours	23.70	1.50	3.23	2.40	4.20	2.50	43.90	1.90
Unplanned unavailable hours	0	0	0	0	0	0	0	115.70
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	1967.00	2184.00	2183.00	2208.00	2209.00	2160.00	1352.10
Indicator value	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.5%	0.7%

Licensee Comments: none

Safety System Functional Failures (PWR)



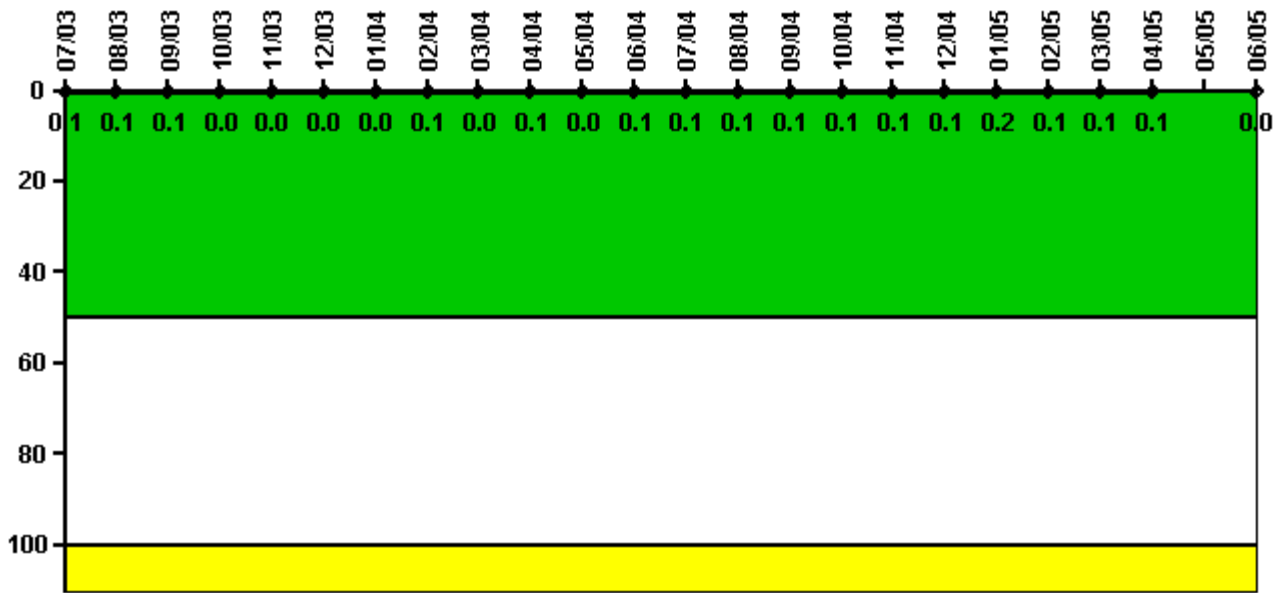
Thresholds: White > 5.0

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

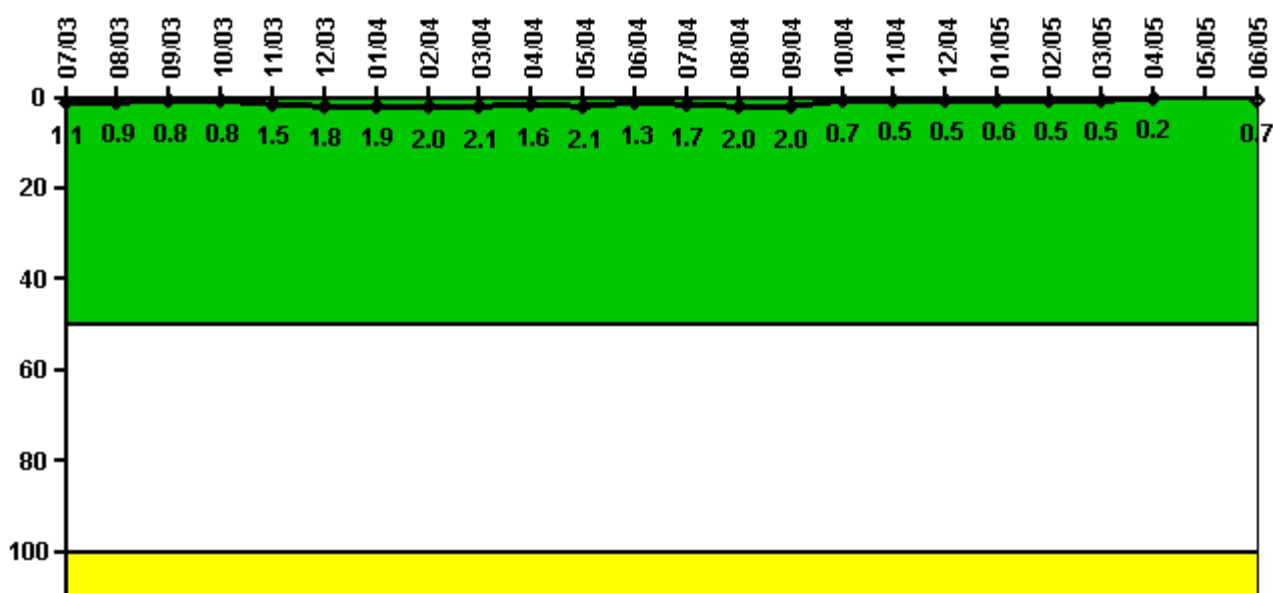
Notes

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	0.000799	0.000739	0.000972	0	0.000382	0.000398	0.000405	0.000566	0.000442	0.000586	0.000455	0.000501
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0	0	0	0	0.1	0	0.1	0	0.1

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	0.000668	0.000554	0.000565	0.000582	0.000605	0.000603	0.001590	0.000660	0.000856	0.000532	N/A	0.000328
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	N/A	0

Licensee Comments: none

Reactor Coolant System Leakage

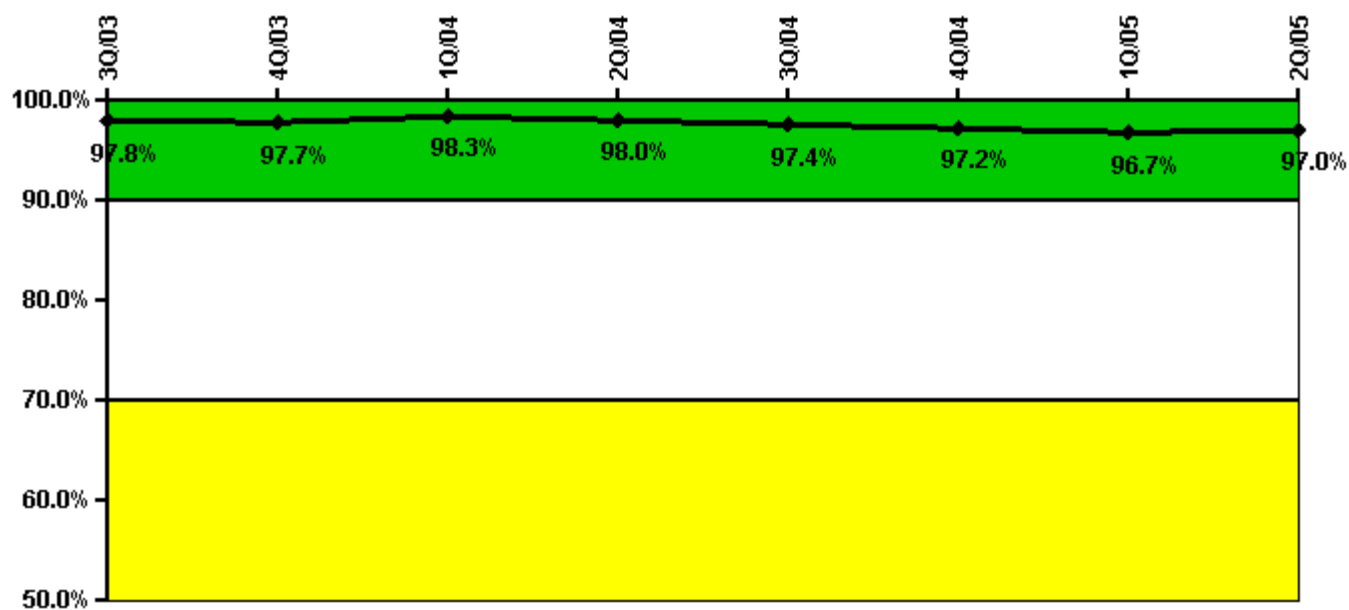


Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04
Maximum leakage	0.110	0.090	0.080	0.080	0.150	0.180	0.190	0.200	0.210	0.160	0.210	0.130
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.1	0.9	0.8	0.8	1.5	1.8	1.9	2.0	2.1	1.6	2.1	1.3
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	0.170	0.200	0.200	0.070	0.050	0.050	0.060	0.050	0.050	0.020	N/A	0.070
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.7	2.0	2.0	0.7	0.5	0.5	0.6	0.5	0.5	0.2	N/A	0.7

Licensee Comments: none

Drill/Exercise Performance

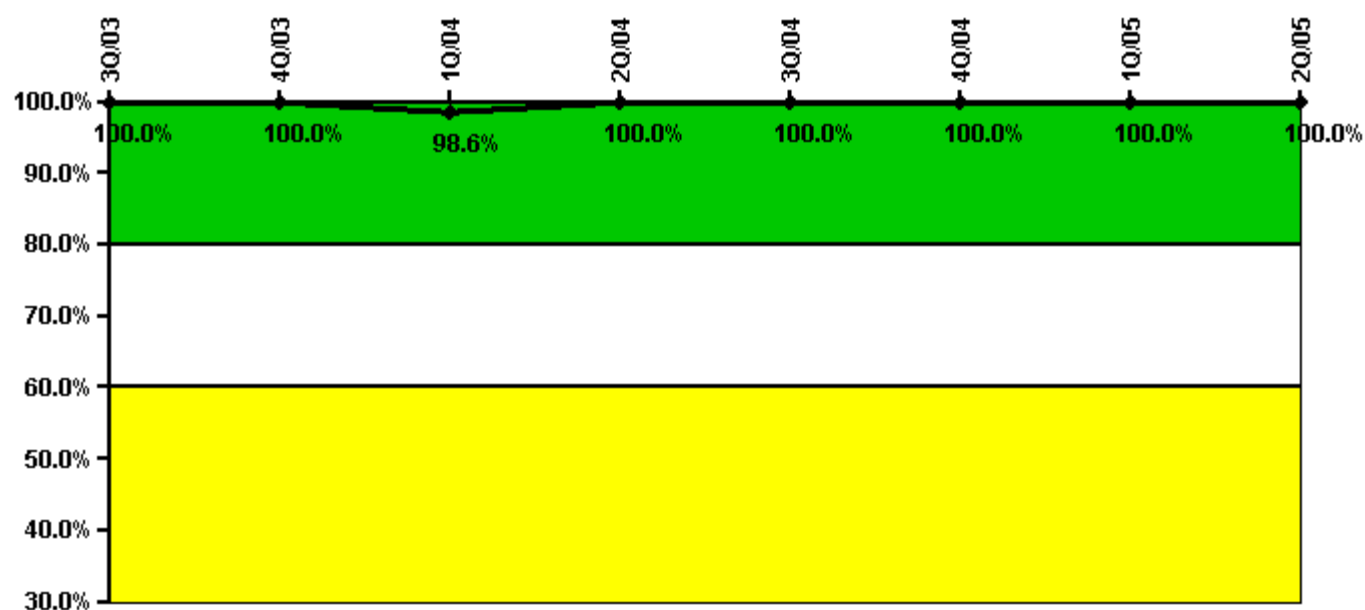
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Successful opportunities	26.0	25.0	57.0	40.0	32.0	7.0	50.0	25.0
Total opportunities	26.0	25.0	58.0	41.0	35.0	7.0	53.0	25.0
Indicator value	97.8%	97.7%	98.3%	98.0%	97.4%	97.2%	96.7%	97.0%

Licensee Comments: none

ERO Drill Participation



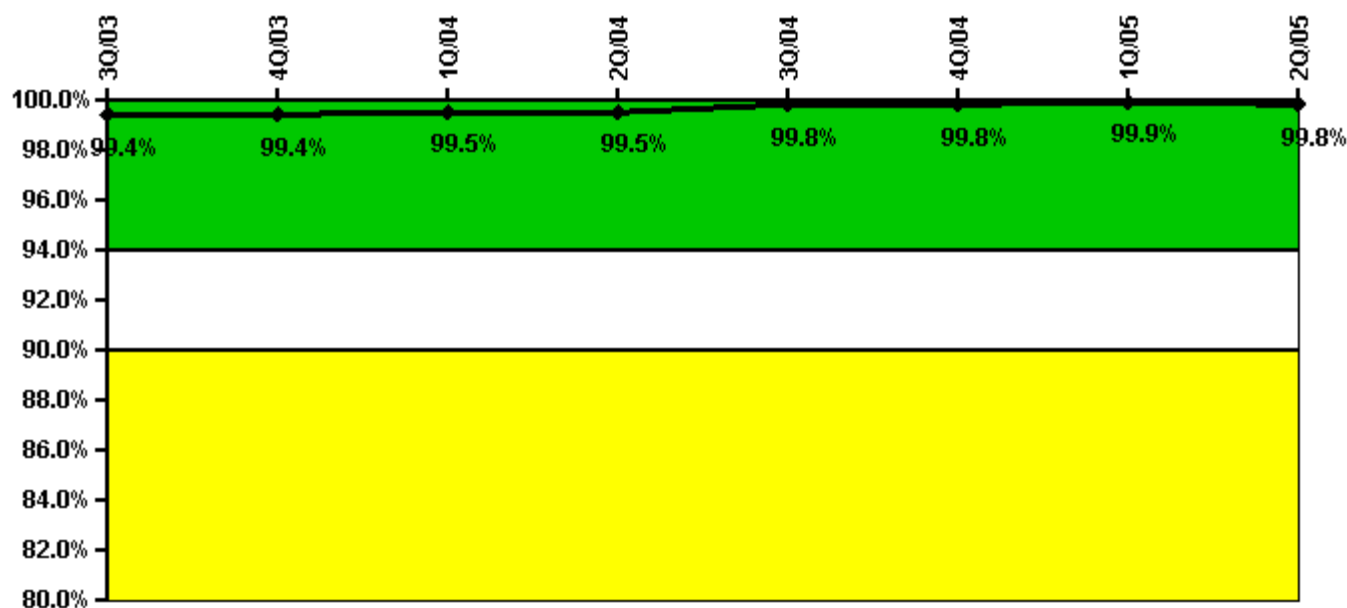
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Participating Key personnel	68.0	70.0	71.0	72.0	72.0	74.0	67.0	72.0
Total Key personnel	68.0	70.0	72.0	72.0	72.0	74.0	67.0	72.0
Indicator value	100.0%	100.0%	98.6%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



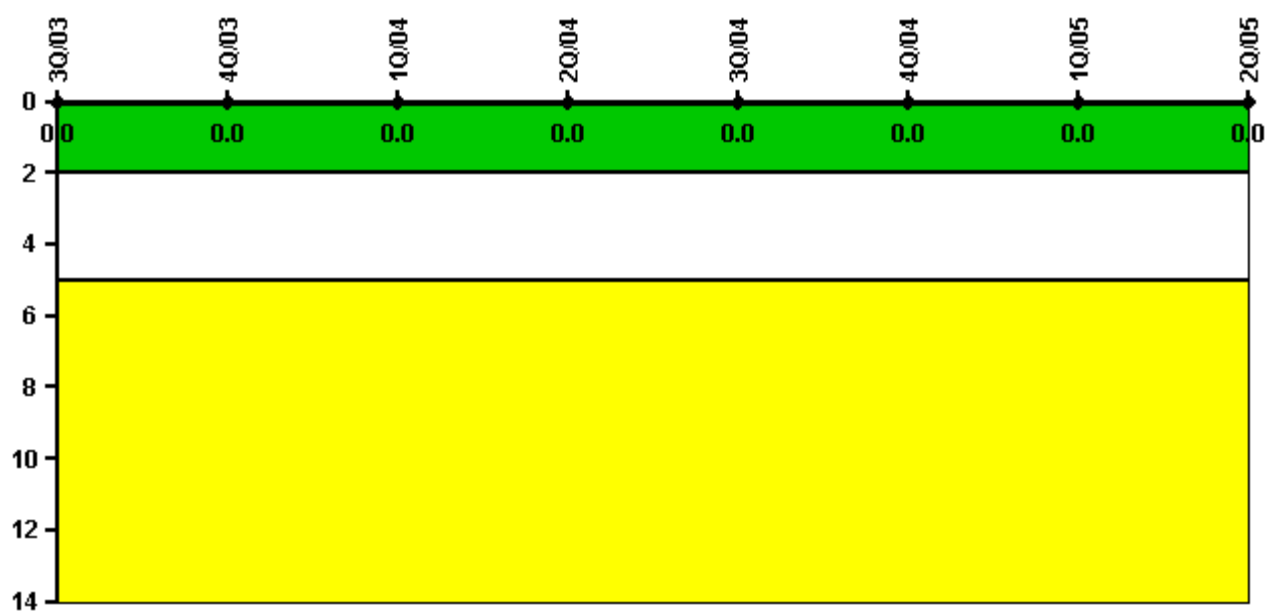
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Successful siren-tests	278	376	327	329	282	375	282	375
Total sirens-tests	282	376	329	329	282	376	282	376
Indicator value	99.4%	99.4%	99.5%	99.5%	99.8%	99.8%	99.9%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness

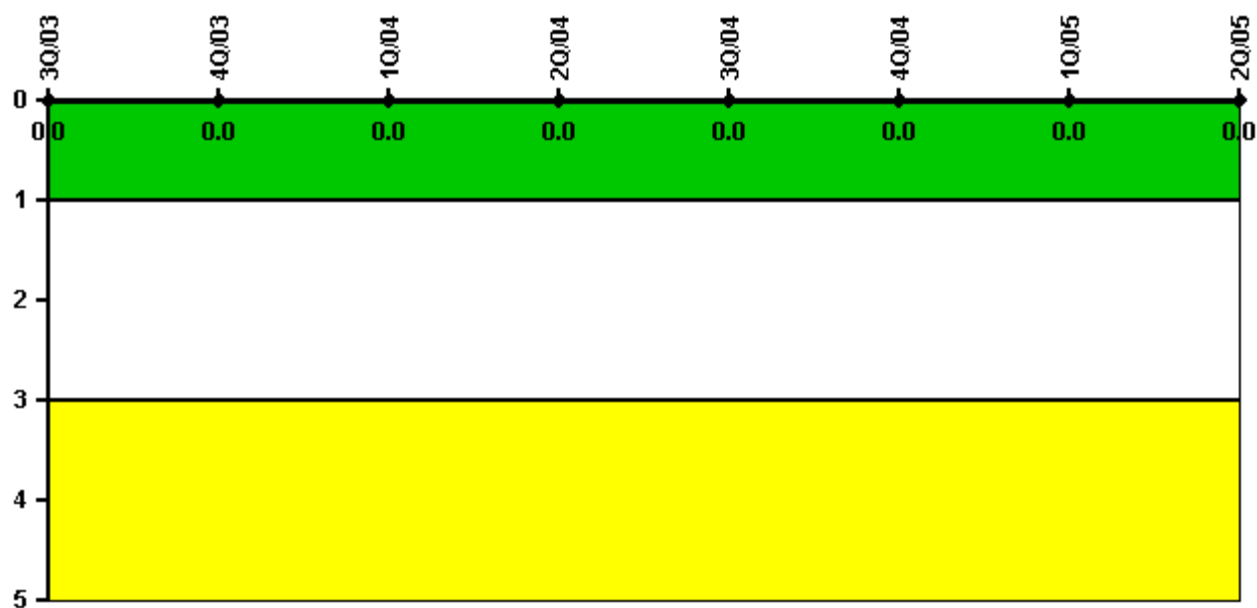


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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](#)

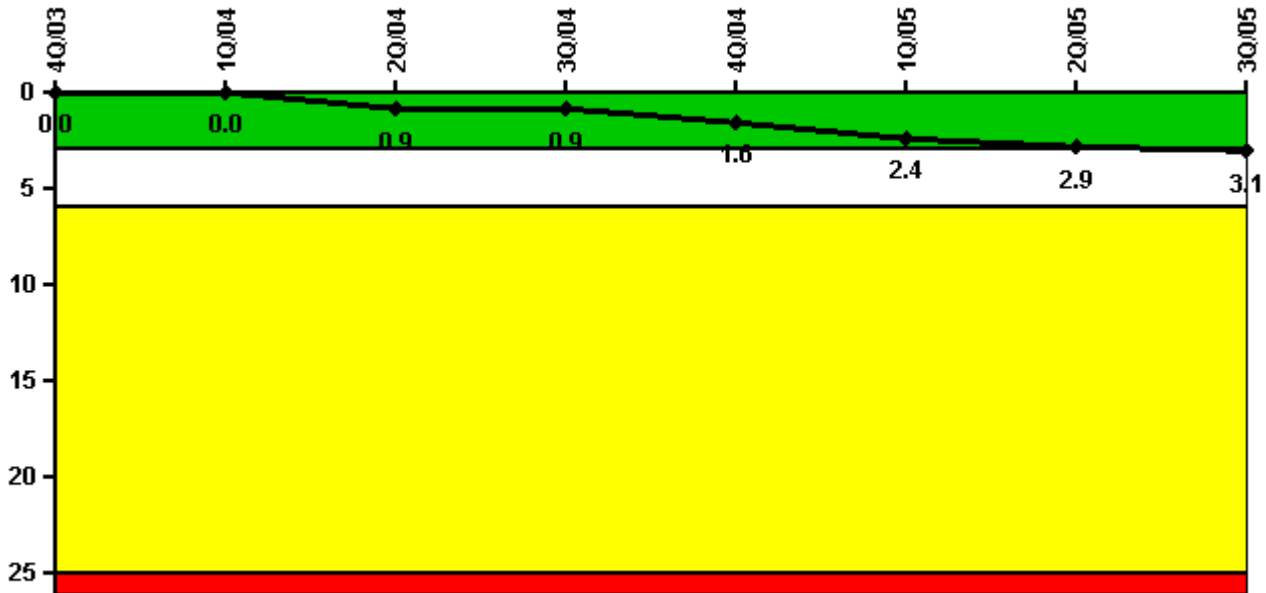
Last Modified: August 3, 2005

Turkey Point 4

3Q/2005 Performance Indicators

Licensee's General Comments: Change file submitted to correct errors in reporting data for MS04 2Q2005 and PP01 4Q2004 and 1Q2005

Unplanned Scrams per 7000 Critical Hrs



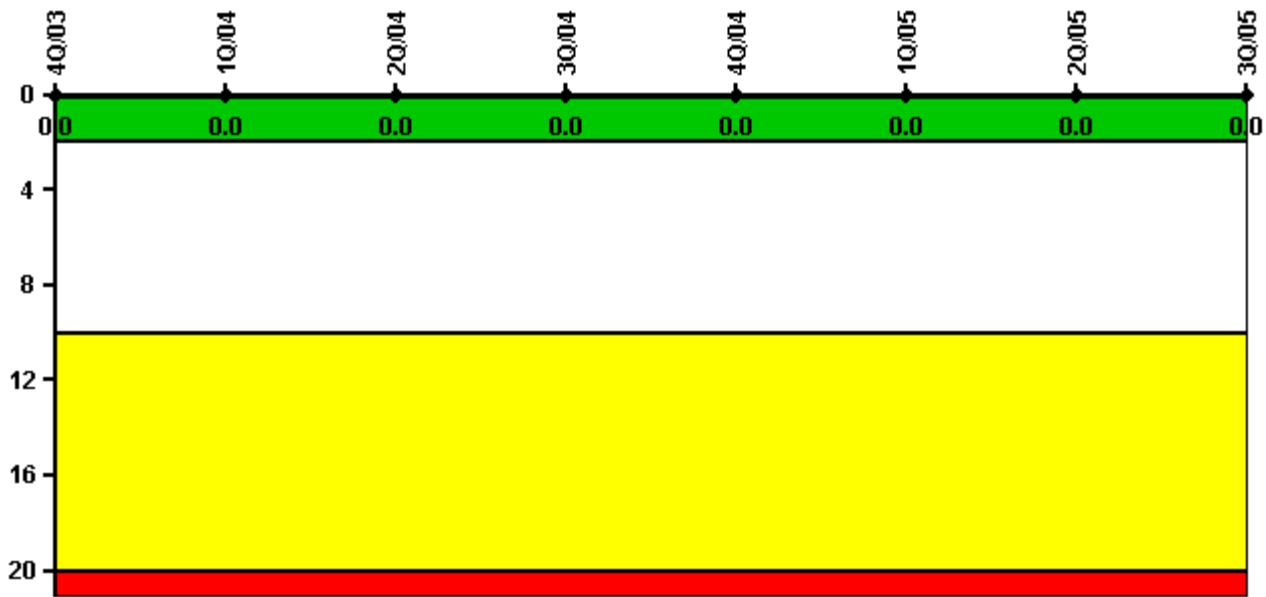
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Unplanned scrams	0	0	1.0	0	1.0	1.0	1.0	0
Critical hours	1506.1	2184.0	2141.9	2208.0	2187.5	2118.3	619.6	1911.4
Indicator value	0	0	0.9	0.9	1.6	2.4	2.9	3.1

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



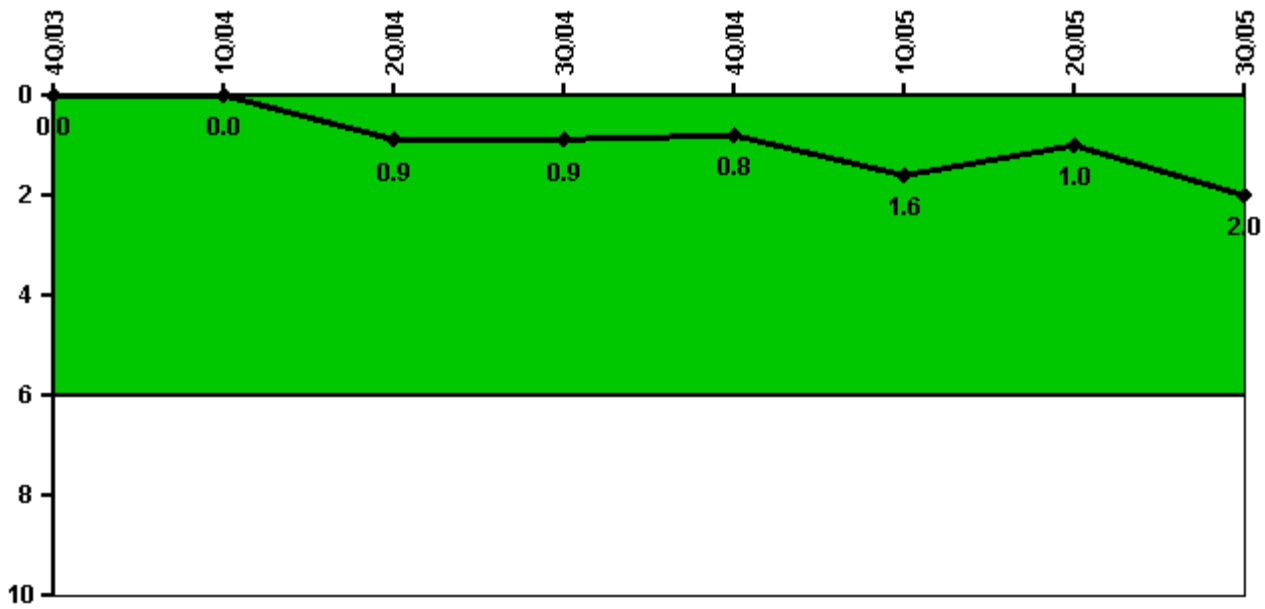
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



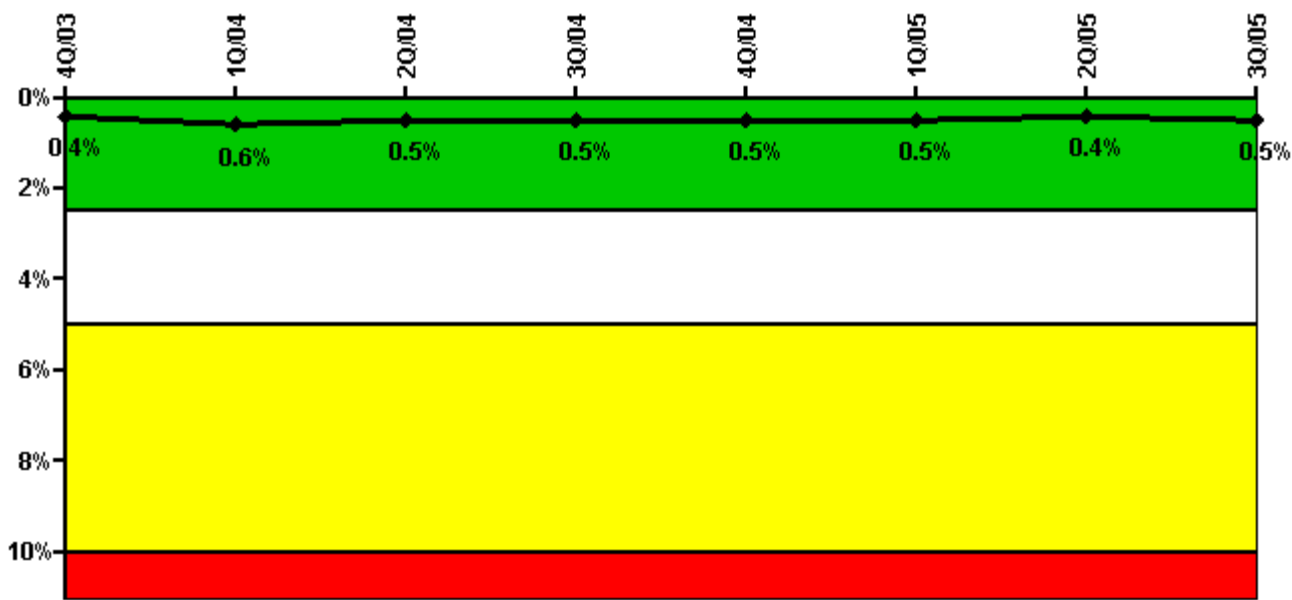
Thresholds: White > 6.0

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	1.0	0	0	1.0	0	1.0
Critical hours	1506.1	2184.0	2141.9	2208.0	2187.5	2118.3	619.6	1911.4
Indicator value	0	0	0.9	0.9	0.8	1.6	1.0	2.0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



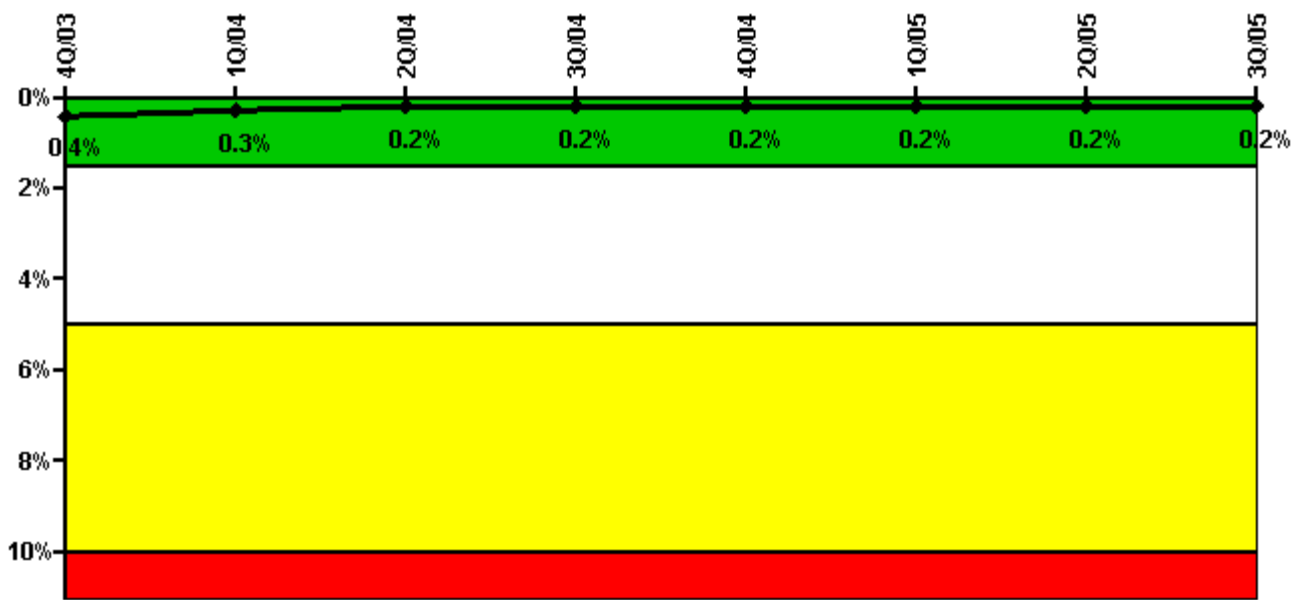
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours	1.60	2.70	10.00	3.20	2.40	1.60	1.60	3.90
Unplanned unavailable hours	0	72.60	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	1907.50	2184.00	2183.00	2208.00	2209.00	2160.00	1557.84	2208.00
Train 2								
Planned unavailable hours	1.60	12.00	1.60	1.60	14.40	2.40	0.80	3.20
Unplanned unavailable hours	0	3.60	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	1907.50	2184.00	2183.00	2208.00	2209.00	2160.00	1557.84	2208.00
Indicator value	0.4%	0.6%	0.5%	0.5%	0.5%	0.5%	0.4%	0.5%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



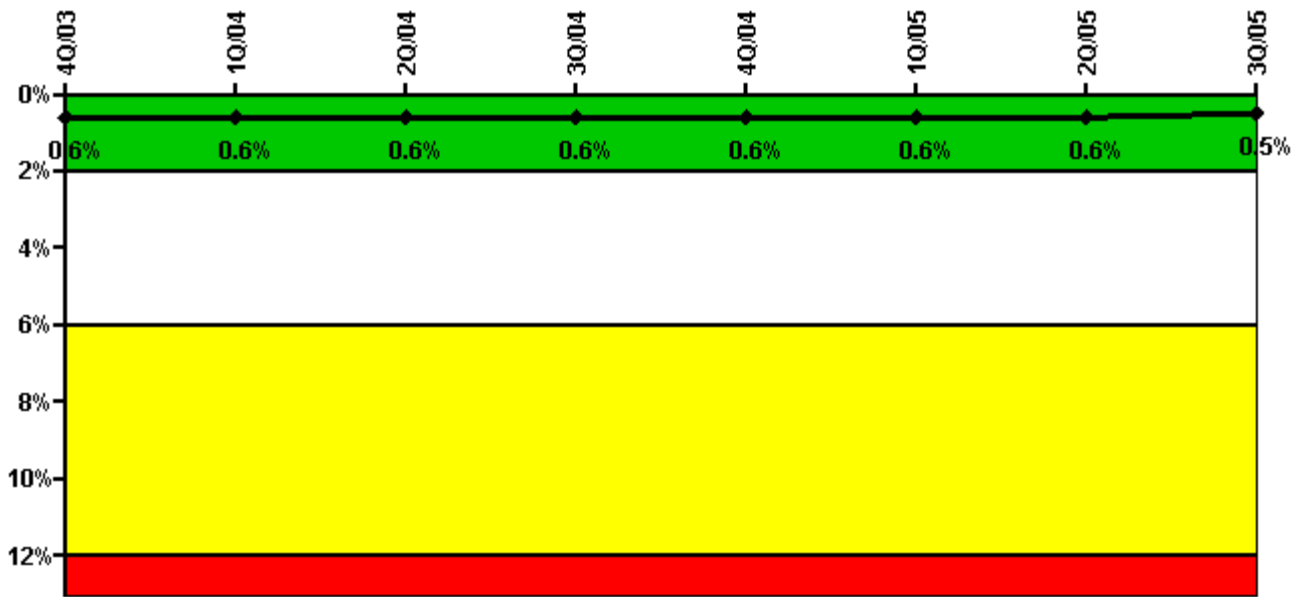
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

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	22.20	0	0	0	0	0	0.90	0
Unplanned unavailable hours	0	0	0	0	0	0	0.30	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1586.00	2184.00	2183.00	2183.00	2209.00	2160.00	911.00	2208.00
Train 2								
Planned unavailable hours	0.80	16.90	0	0	0	0	0.20	0
Unplanned unavailable hours	0	0	0	2.40	7.80	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	1586.00	2184.00	2183.00	2183.00	2209.00	2160.00	911.00	2208.00
Indicator value	0.4%	0.3%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



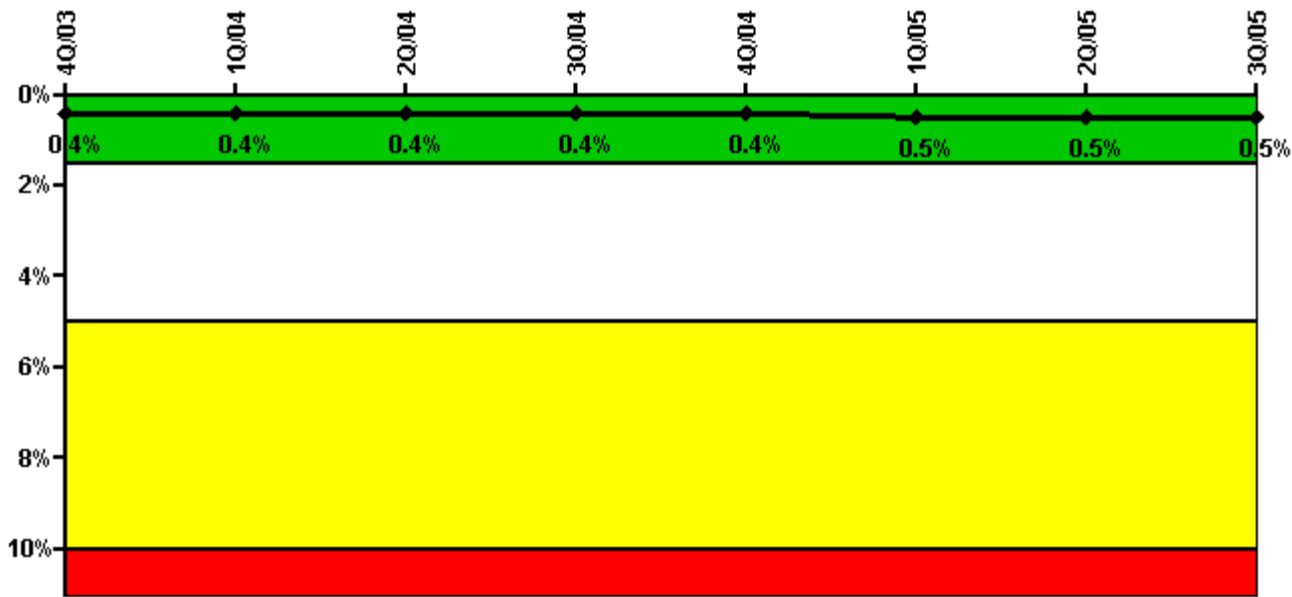
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours	38.00	0	0	0	0	0	0	18.30
Unplanned unavailable hours	0	0	0	0	0	0	0	6.00
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1586.00	2184.00	2183.00	2208.00	2209.00	2160.00	911.00	2208.00
Train 2								
Planned unavailable hours	4.90	0	0	0	12.10	1.80	0	0
Unplanned unavailable hours	19.30	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	1586.00	2184.00	2183.00	2208.00	2209.00	2160.00	911.00	2208.00
Indicator value	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.5%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



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

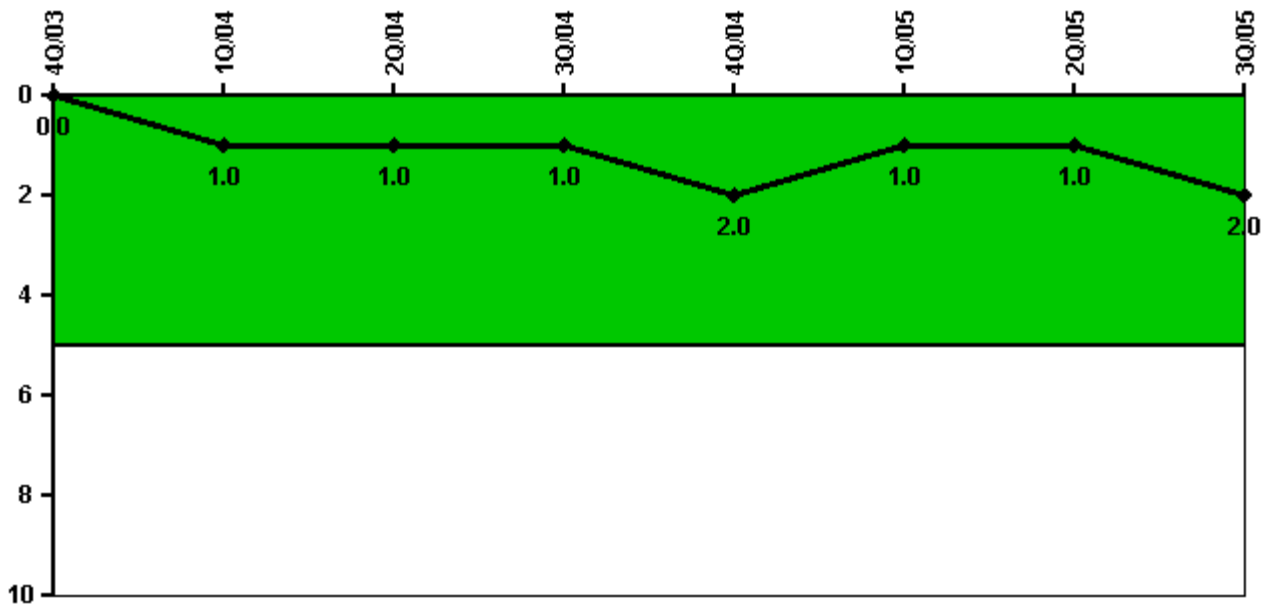
Notes

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	1.50	14.37	1.90	2.70	2.90	45.00	1.97	16.00
Unplanned unavailable hours	0	0	0	0	0	0	0.50	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1967.00	2184.00	2183.00	2208.00	2209.00	2160.00	1352.10	2208.00
Train 2								
Planned unavailable hours	1.50	3.23	2.40	4.20	2.50	43.90	1.90	2.70
Unplanned unavailable hours	0	0	0	0	0	0	17.00	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	1967.00	2184.00	2183.00	2208.00	2209.00	2160.00	1352.10	2208.00
Indicator value	0.4%	0.4%	0.4%	0.4%	0.4%	0.5%	0.5%	0.5%

Licensee Comments:

2Q/05: 98.7 hours unavailability had originally been reported, but should have been considered as the spare train at that time.

Safety System Functional Failures (PWR)



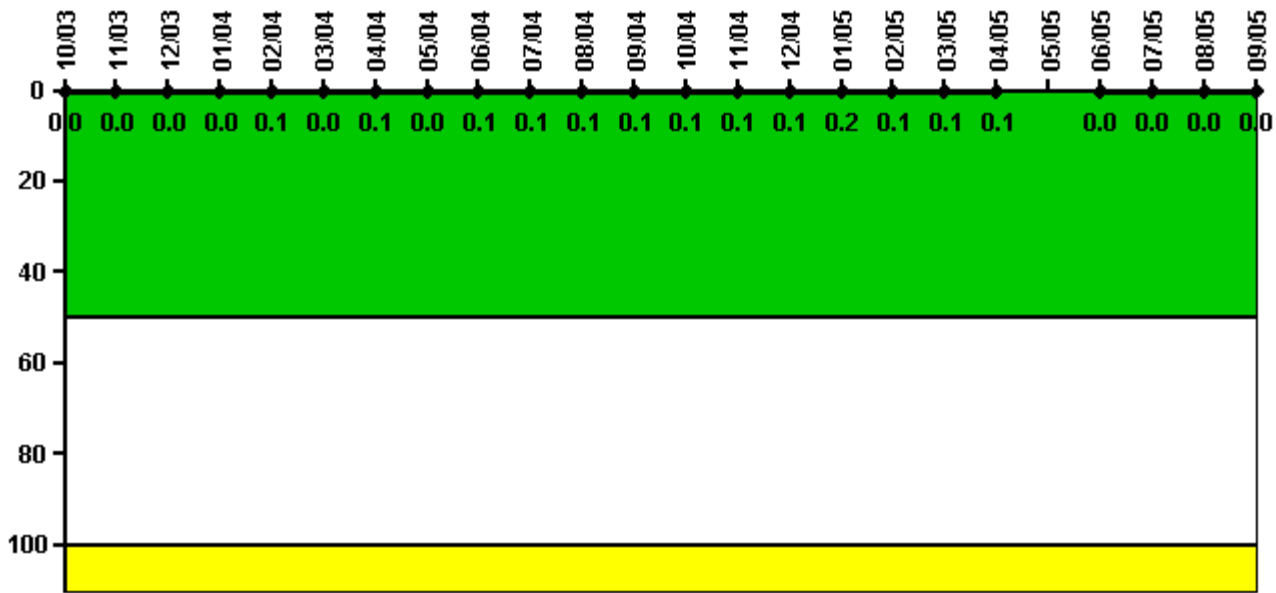
Thresholds: White > 5.0

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

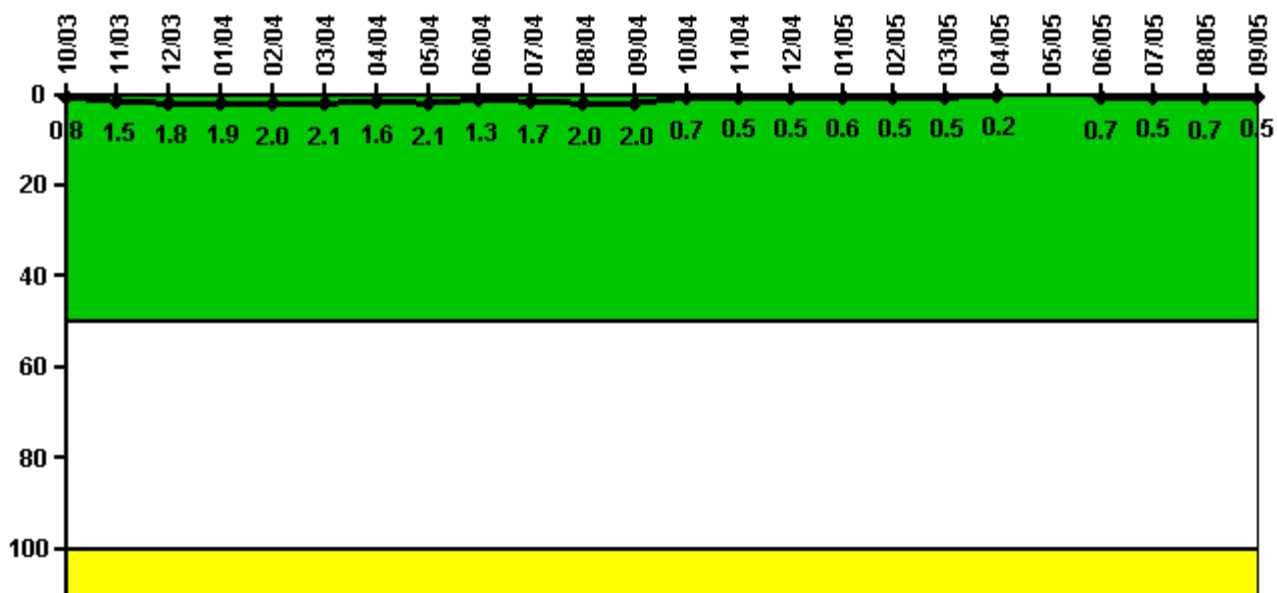
Notes

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	0.000382	0.000398	0.000405	0.000566	0.000442	0.000586	0.000455	0.000501	0.000668	0.000554	0.000565
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0.1	0	0.1	0	0.1	0.1	0.1	0.1

Reactor Coolant System Activity	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05
Maximum activity	0.000582	0.000605	0.000603	0.001590	0.000660	0.000856	0.000532	N/A	0.000328	0.000329	0.000376	0.000380
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.2	0.1	0.1	0.1	N/A	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



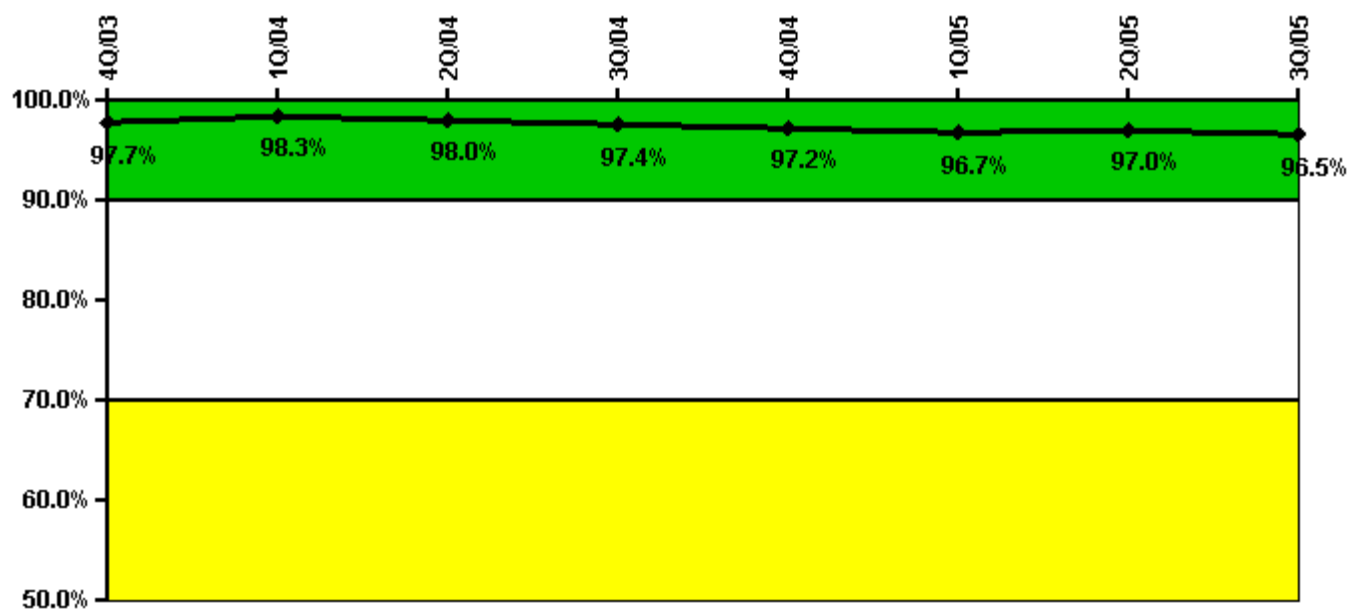
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04
Maximum leakage	0.080	0.150	0.180	0.190	0.200	0.210	0.160	0.210	0.130	0.170	0.200	0.200
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.8	1.5	1.8	1.9	2.0	2.1	1.6	2.1	1.3	1.7	2.0	2.0
Reactor Coolant System Leakage	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05
Maximum leakage	0.070	0.050	0.050	0.060	0.050	0.050	0.020	N/A	0.070	0.050	0.070	0.050
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.7	0.5	0.5	0.6	0.5	0.5	0.2	N/A	0.7	0.5	0.7	0.5

Licensee Comments: none

Drill/Exercise Performance



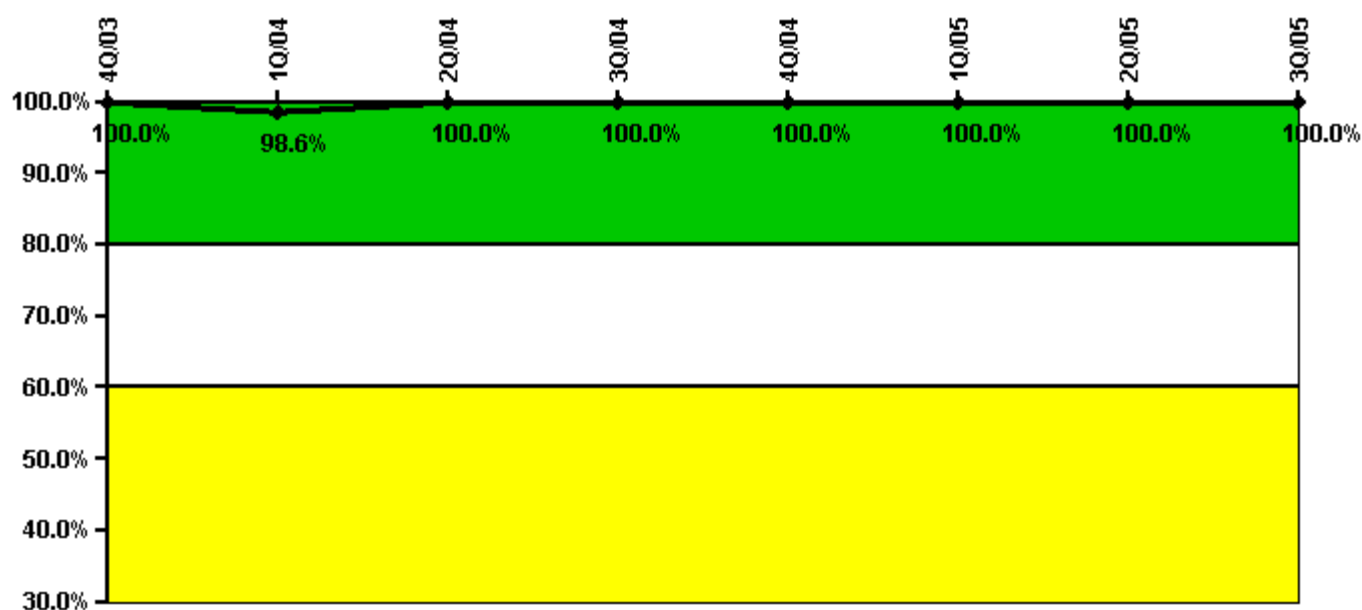
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Successful opportunities	25.0	57.0	40.0	32.0	7.0	50.0	25.0	70.0
Total opportunities	25.0	58.0	41.0	35.0	7.0	53.0	25.0	73.0
Indicator value	97.7%	98.3%	98.0%	97.4%	97.2%	96.7%	97.0%	96.5%

Licensee Comments: none

ERO Drill Participation



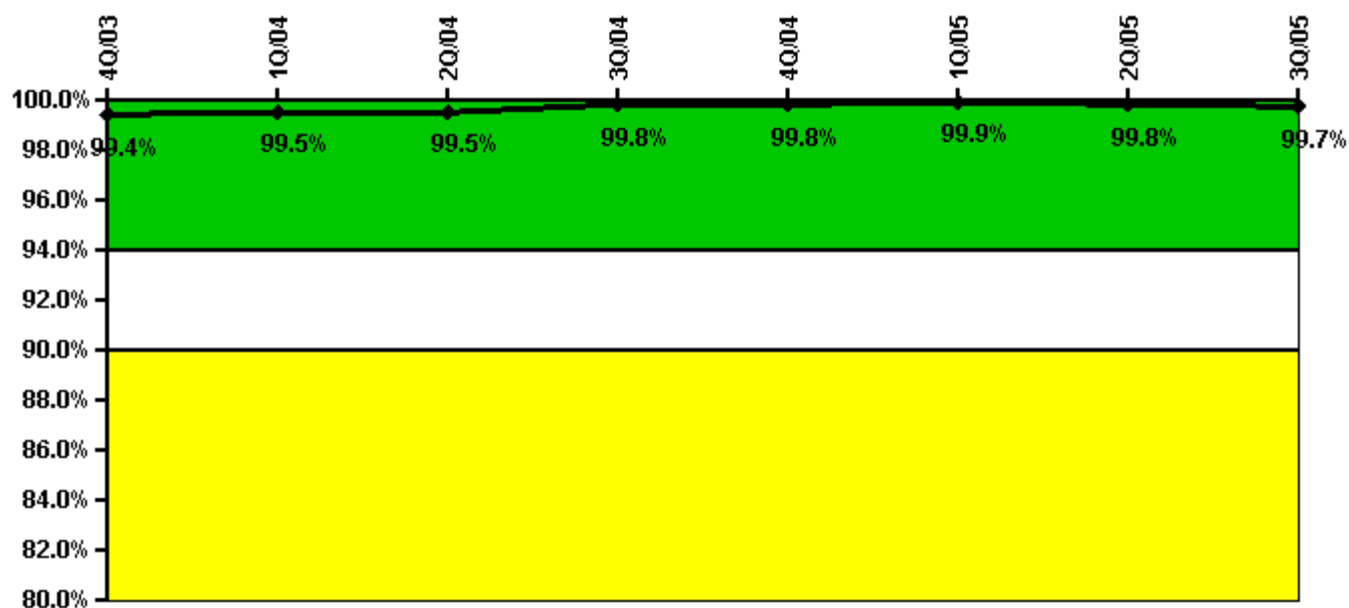
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Participating Key personnel	70.0	71.0	72.0	72.0	74.0	67.0	72.0	73.0
Total Key personnel	70.0	72.0	72.0	72.0	74.0	67.0	72.0	73.0
Indicator value	100.0%	98.6%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



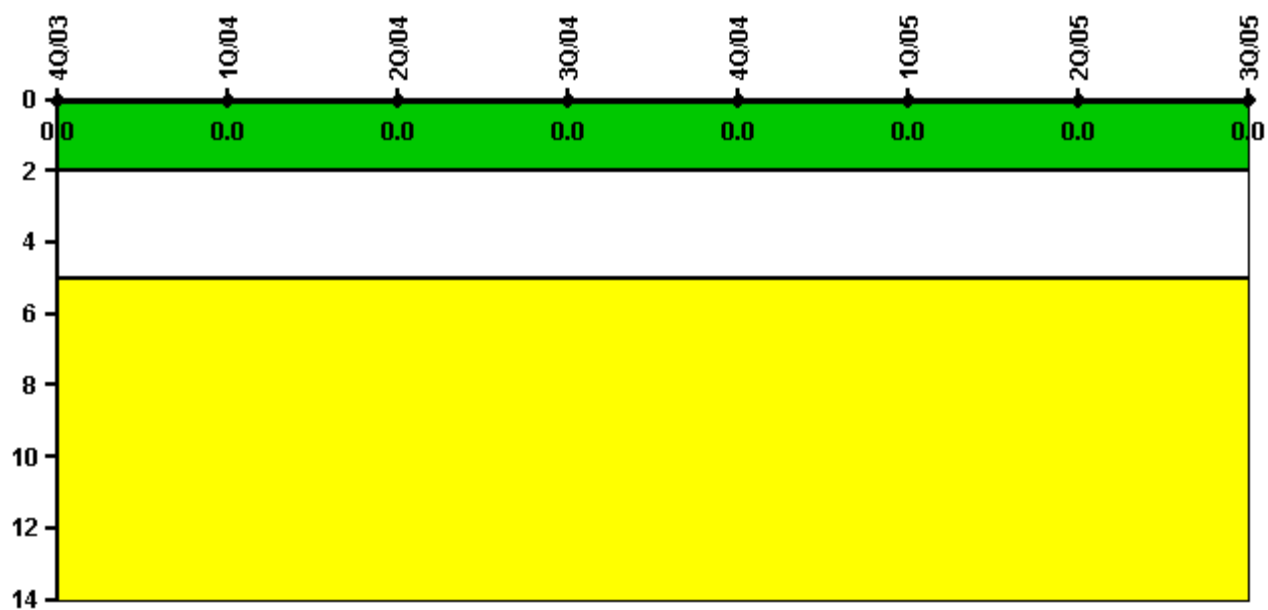
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Successful siren-tests	376	327	329	282	375	282	375	327
Total sirens-tests	376	329	329	282	376	282	376	329
Indicator value	99.4%	99.5%	99.5%	99.8%	99.8%	99.9%	99.8%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



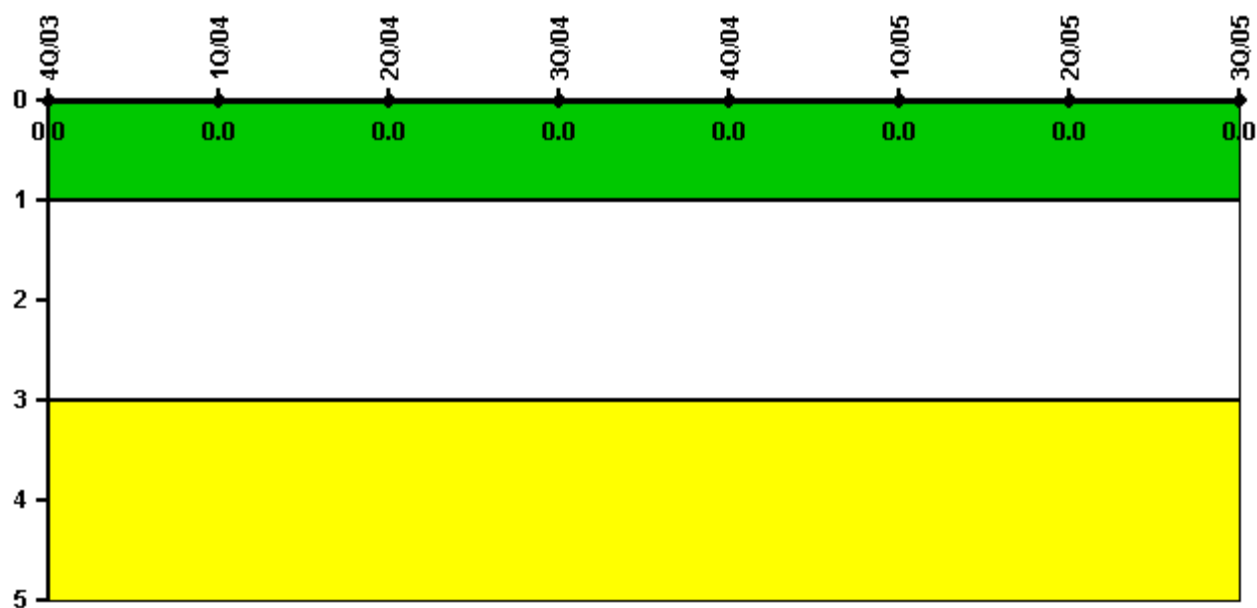
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

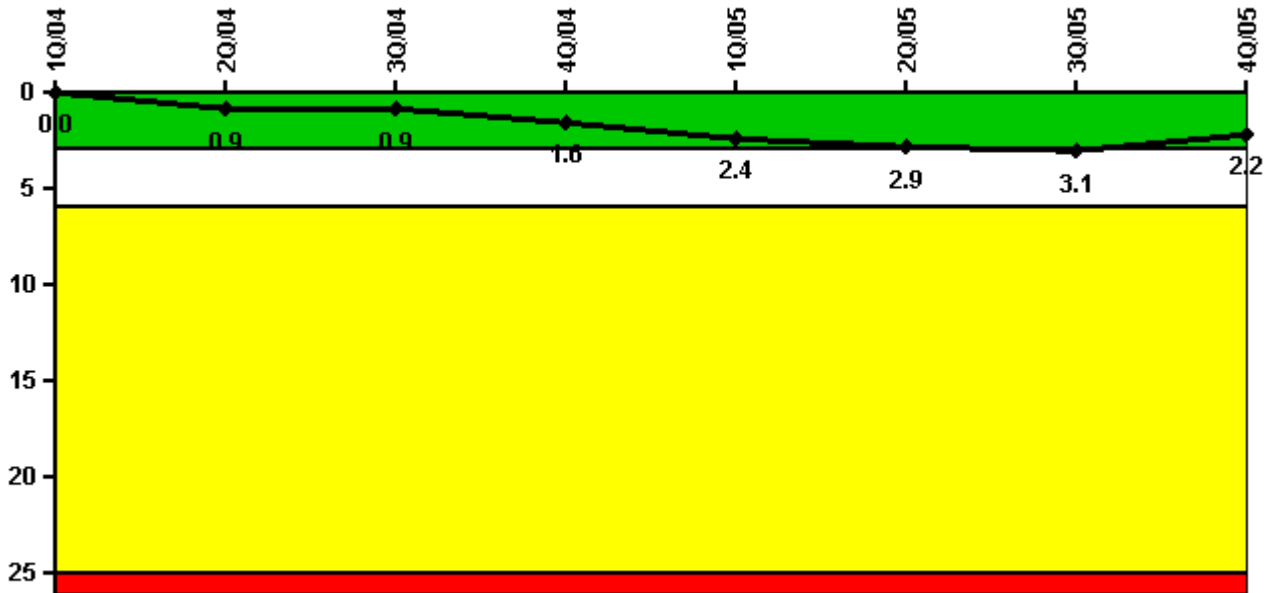
[Physical Protection](#) information not publicly available.

Turkey Point 4

4Q/2005 Performance Indicators

Licensee's General Comments: Safety System Unavailability (SSU) - Heat Removal System (AFW) fault exposure unavailable hours change file.

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

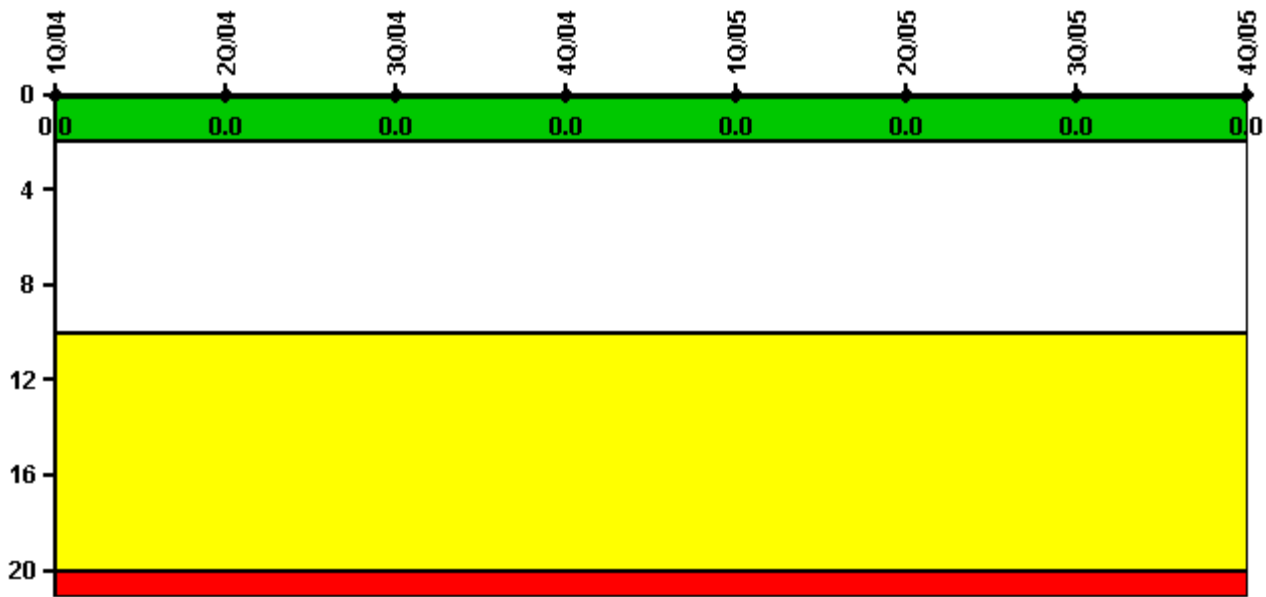
Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Unplanned scrams	0	1.0	0	1.0	1.0	1.0	0	0
Critical hours	2184.0	2141.9	2208.0	2187.5	2118.3	619.6	1911.4	1756.1
Indicator value	0	0.9	0.9	1.6	2.4	2.9	3.1	2.2

Licensee Comments:

4Q/05: This PI was white last quarter, but crossed the threshold back to green this quarter

Scrams with Loss of Normal Heat Removal



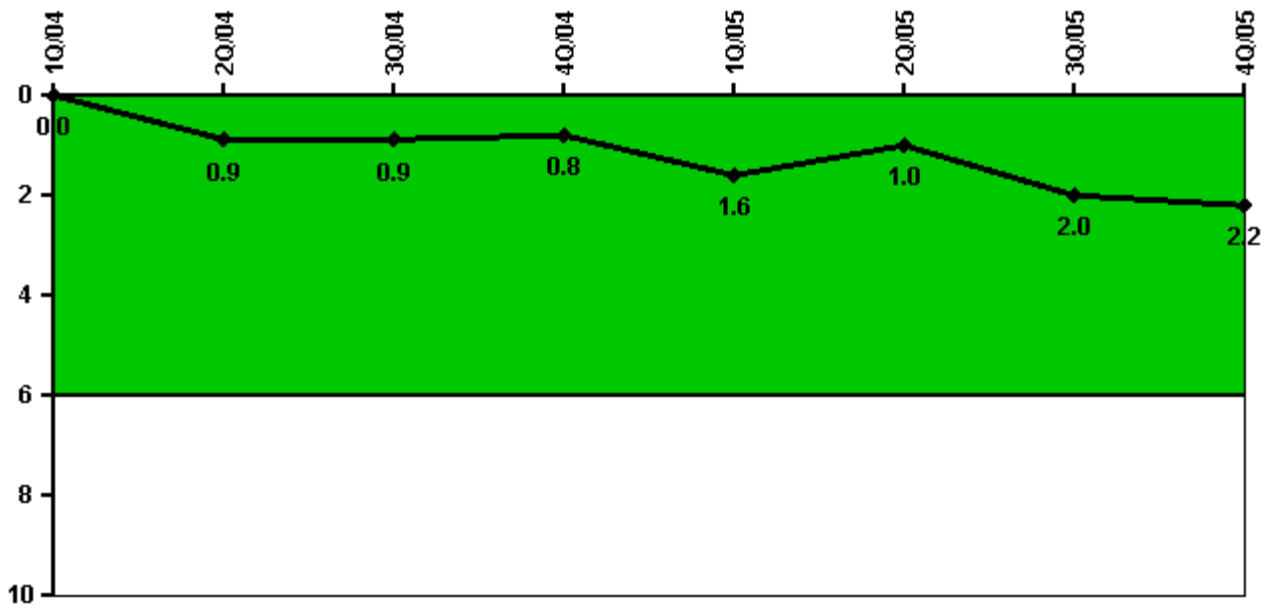
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



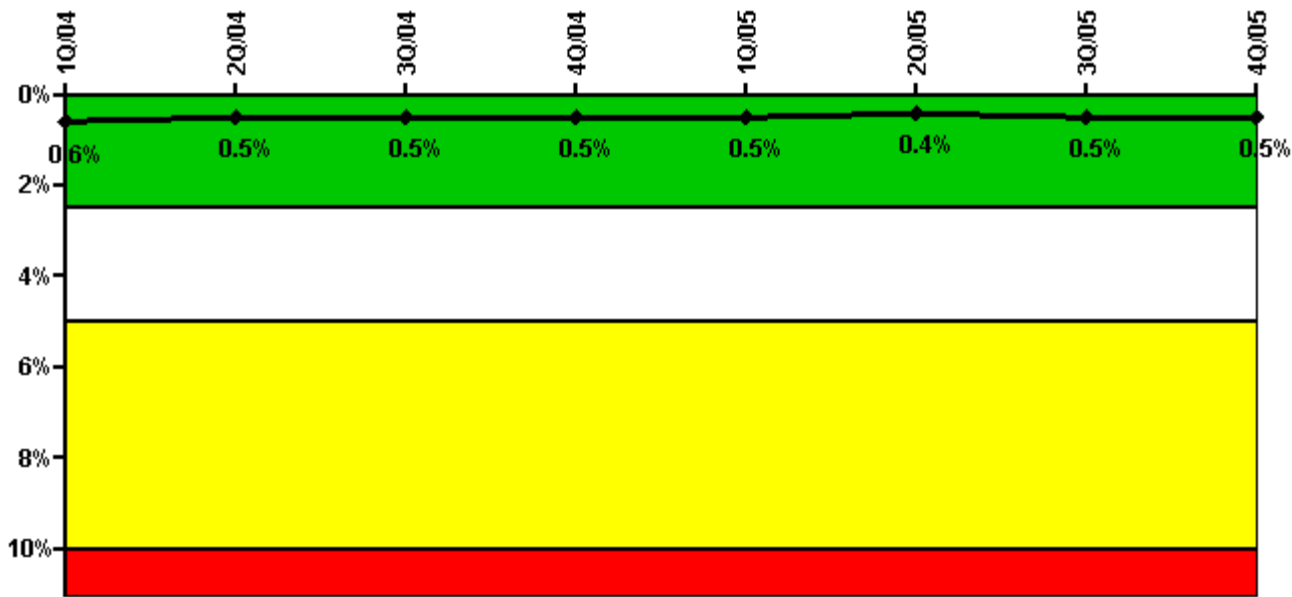
Thresholds: White > 6.0

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	1.0	0	0	1.0	0	1.0	0
Critical hours	2184.0	2141.9	2208.0	2187.5	2118.3	619.6	1911.4	1756.1
Indicator value	0	0.9	0.9	0.8	1.6	1.0	2.0	2.2

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



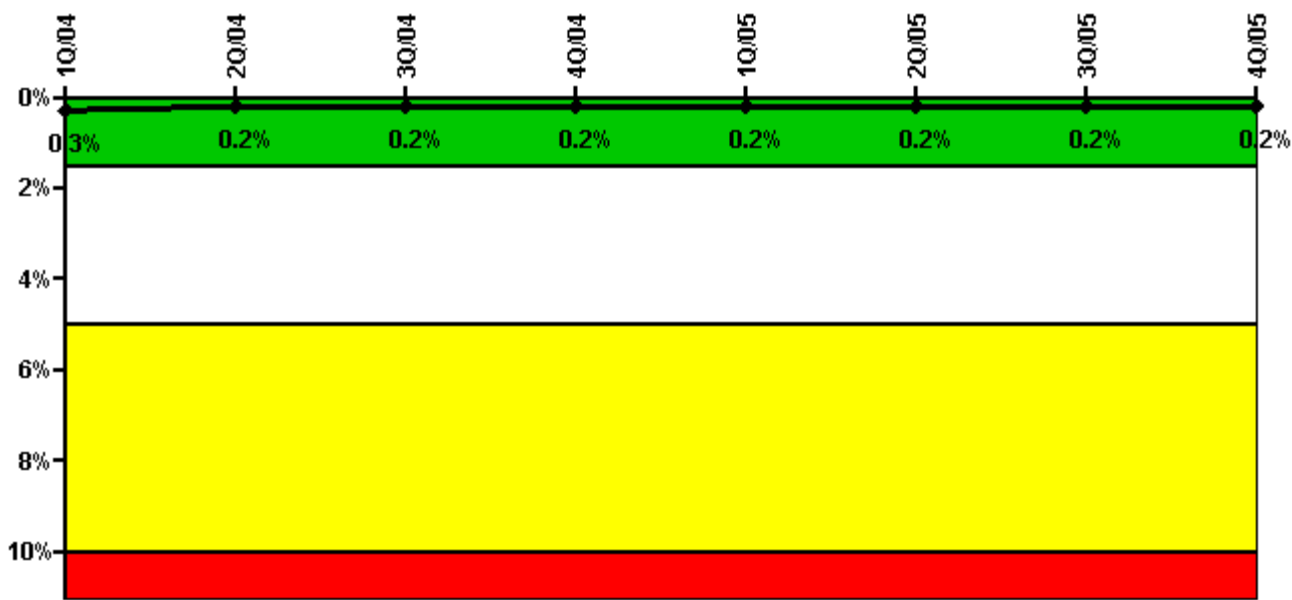
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Train 1								
Planned unavailable hours	2.70	10.00	3.20	2.40	1.60	1.60	3.90	2.40
Unplanned unavailable hours	72.60	0	0	0	0	0	0	15.80
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	2160.00	1557.84	2208.00	2186.80
Train 2								
Planned unavailable hours	12.00	1.60	1.60	14.40	2.40	0.80	3.20	9.50
Unplanned unavailable hours	3.60	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	2184.00	2183.00	2208.00	2209.00	2160.00	1557.84	2208.00	2186.80
Indicator value	0.6%	0.5%	0.5%	0.5%	0.5%	0.4%	0.5%	0.5%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



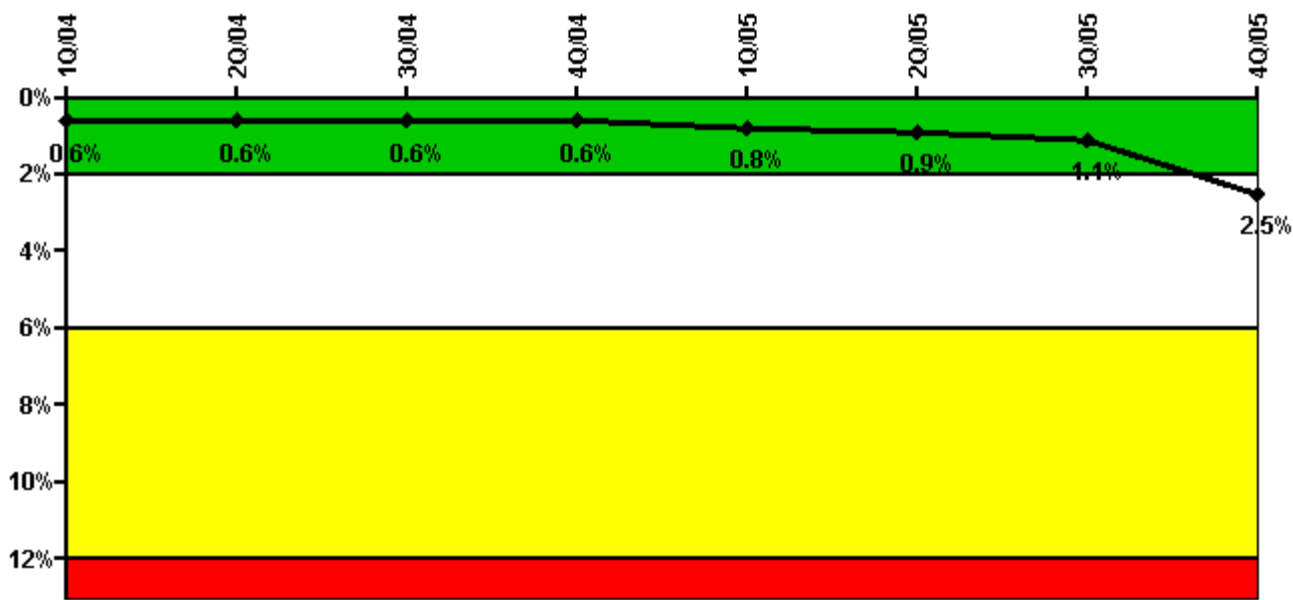
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

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	0	0	0	0	0	0.90	0	0
Unplanned unavailable hours	0	0	0	0	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	2184.00	2183.00	2183.00	2209.00	2160.00	911.00	2208.00	1975.40
Train 2								
Planned unavailable hours	16.90	0	0	0	0	0.20	0	0
Unplanned unavailable hours	0	0	2.40	7.80	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	2184.00	2183.00	2183.00	2209.00	2160.00	911.00	2208.00	1975.40
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%

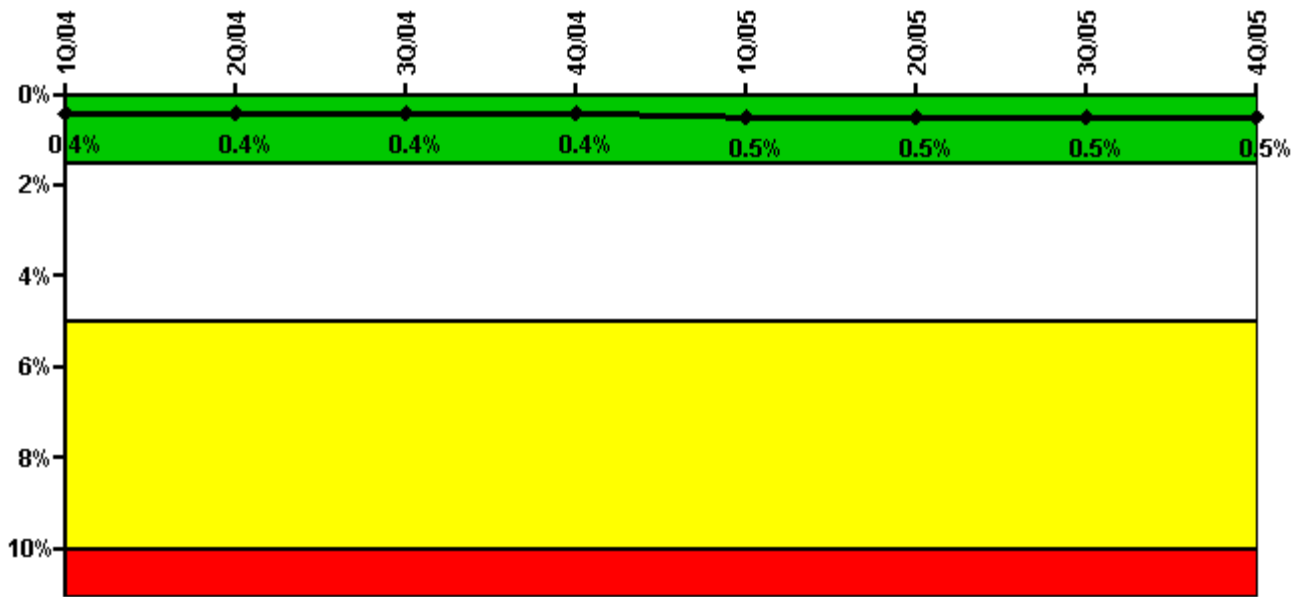
Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Train 1								
Planned unavailable hours	0	0	0	0	0	0	18.30	3.80
Unplanned unavailable hours	0	0	0	0	0	0	6.00	25.80
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	2160.00	911.00	2208.00	1975.20
Train 2								
Planned unavailable hours	0	0	0	12.10	1.80	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	1.20
Fault exposure hours	0	0	0	0	113.80	23.00	125.40	753.10
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	2160.00	911.00	2208.00	1975.20
Indicator value	0.6%	0.6%	0.6%	0.6%	0.8%	0.9%	1.1%	2.5%

Licensee Comments:

4Q/05: This PI crossed the threshold from green to white this quarter.

Safety System Unavailability, Residual Heat Removal System



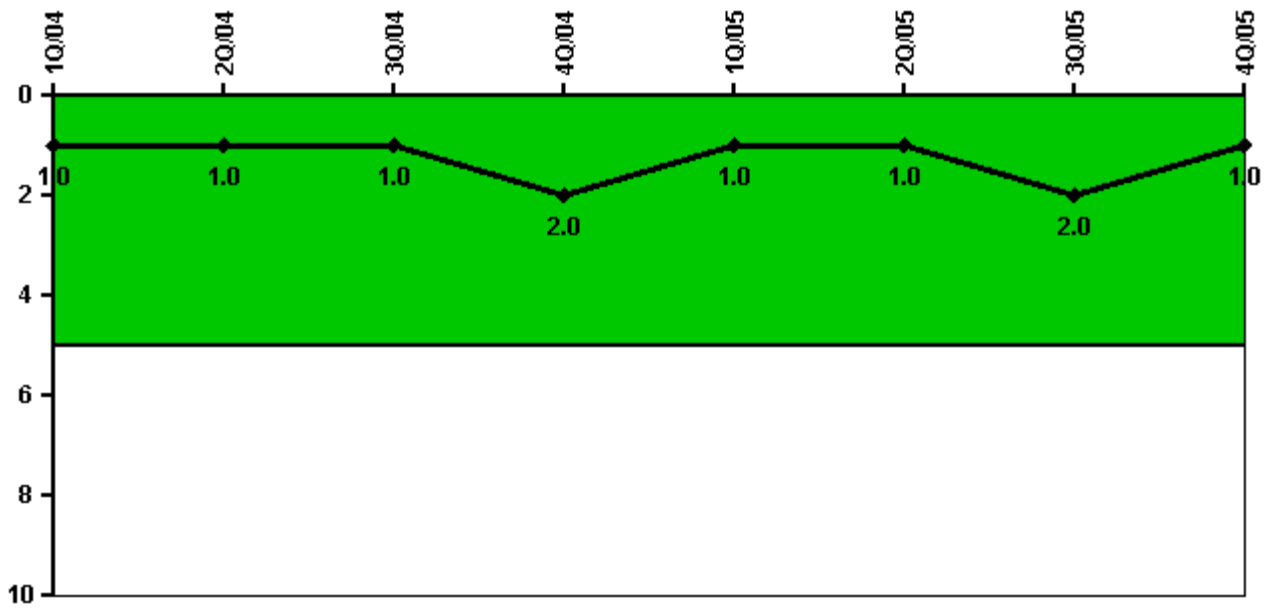
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

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	14.37	1.90	2.70	2.90	45.00	1.97	16.00	4.40
Unplanned unavailable hours	0	0	0	0	0	0.50	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	2160.00	1352.10	2208.00	2201.00
Train 2								
Planned unavailable hours	3.23	2.40	4.20	2.50	43.90	1.90	2.70	4.40
Unplanned unavailable hours	0	0	0	0	0	17.00	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	2184.00	2183.00	2208.00	2209.00	2160.00	1352.10	2208.00	2201.00
Indicator value	0.4%	0.4%	0.4%	0.4%	0.5%	0.5%	0.5%	0.5%

Licensee Comments: none

Safety System Functional Failures (PWR)



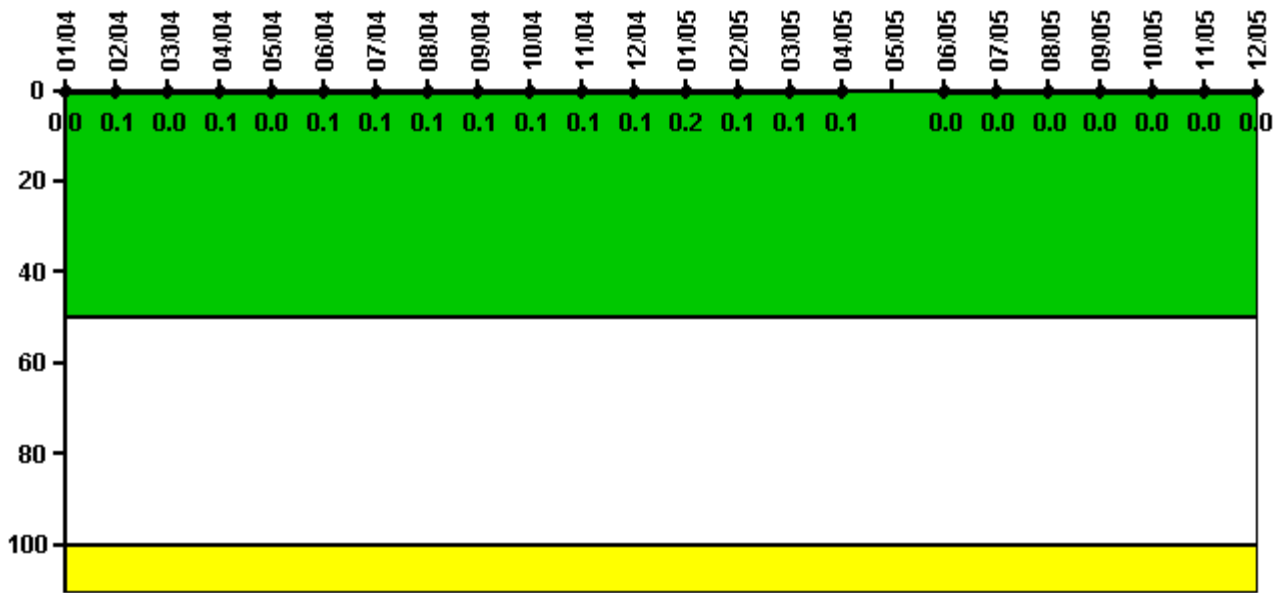
Thresholds: White > 5.0

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

Licensee Comments: none

Reactor Coolant System Activity



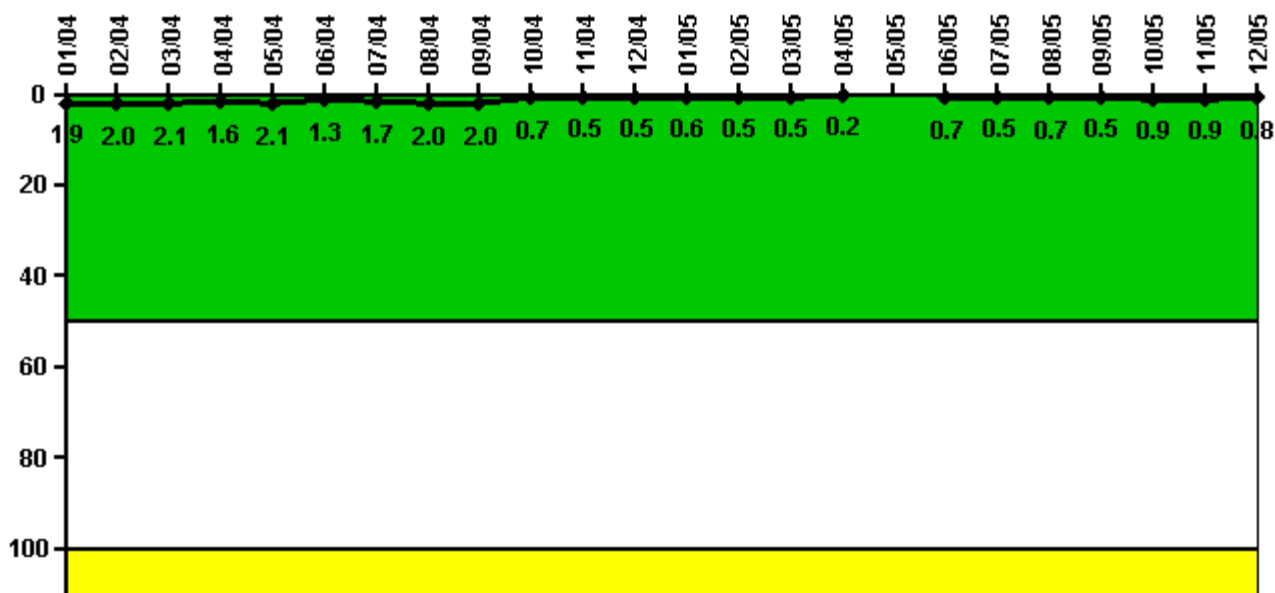
Thresholds: White > 50.0 Yellow > 100.0

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	0.000405	0.000566	0.000442	0.000586	0.000455	0.000501	0.000668	0.000554	0.000565	0.000582	0.000605	0.000603
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0.1	0	0.1	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Reactor Coolant System Activity	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05
Maximum activity	0.001590	0.000660	0.000856	0.000532	N/A	0.000328	0.000329	0.000376	0.000380	0.000391	0.000394	0.000427
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.2	0.1	0.1	0.1	N/A	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage

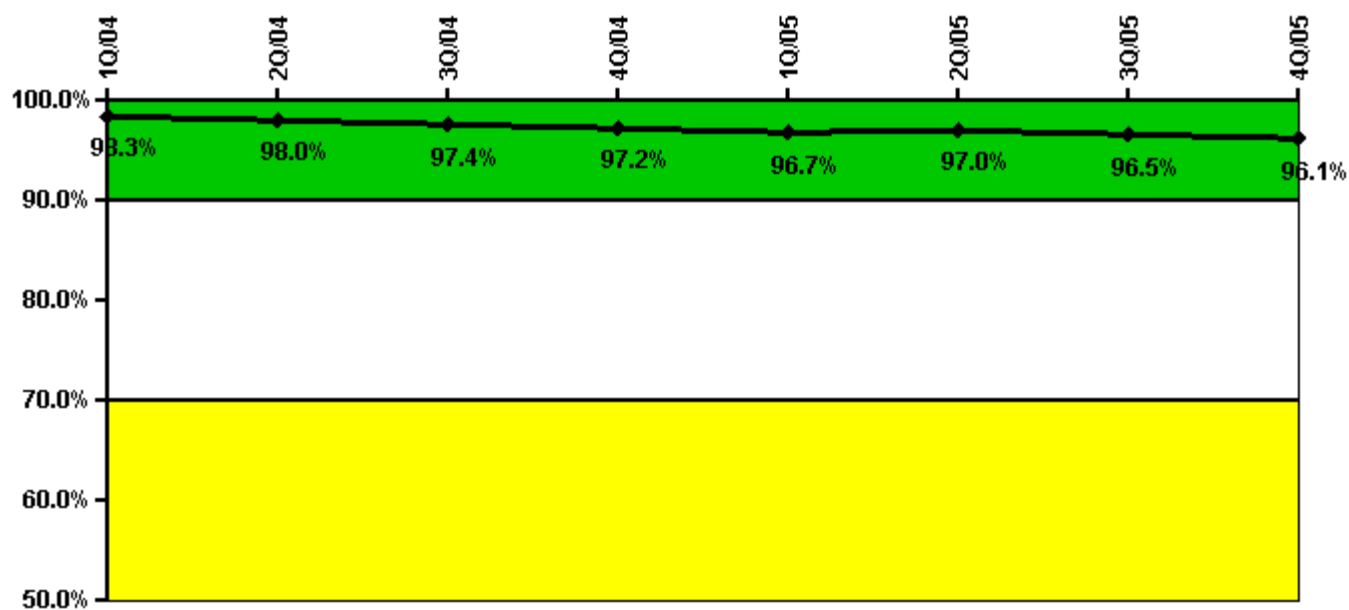


Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04
Maximum leakage	0.190	0.200	0.210	0.160	0.210	0.130	0.170	0.200	0.200	0.070	0.050	0.050
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.9	2.0	2.1	1.6	2.1	1.3	1.7	2.0	2.0	0.7	0.5	0.5
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	0.060	0.050	0.050	0.020	N/A	0.070	0.050	0.070	0.050	0.090	0.090	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	0.6	0.5	0.5	0.2	N/A	0.7	0.5	0.7	0.5	0.9	0.9	0.8

Licensee Comments: none

Drill/Exercise Performance

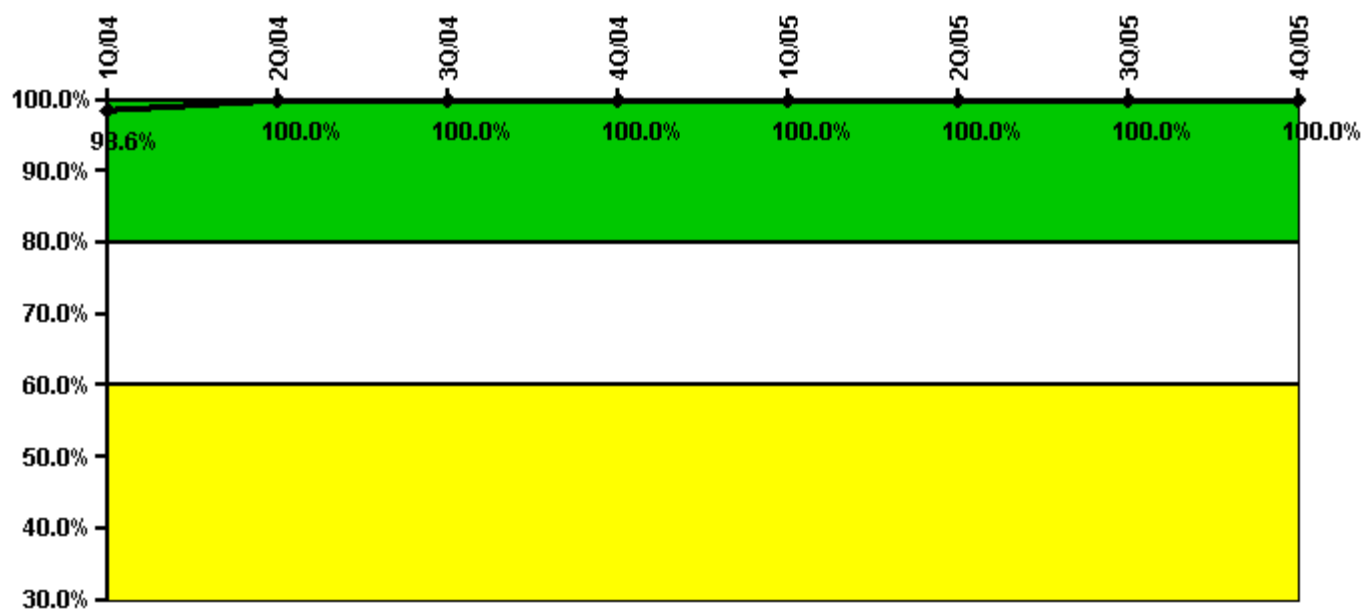
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Successful opportunities	57.0	40.0	32.0	7.0	50.0	25.0	70.0	41.0
Total opportunities	58.0	41.0	35.0	7.0	53.0	25.0	73.0	43.0
Indicator value	98.3%	98.0%	97.4%	97.2%	96.7%	97.0%	96.5%	96.1%

Licensee Comments: none

ERO Drill Participation



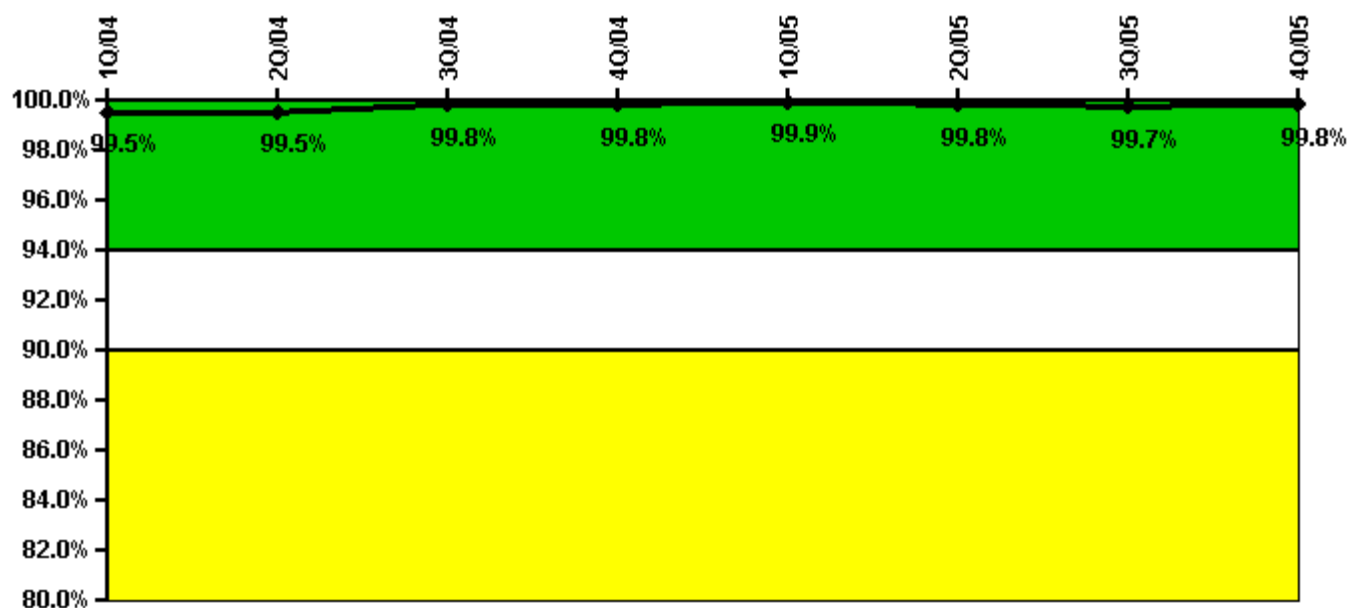
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Participating Key personnel	71.0	72.0	72.0	74.0	67.0	72.0	73.0	80.0
Total Key personnel	72.0	72.0	72.0	74.0	67.0	72.0	73.0	80.0
Indicator value	98.6%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



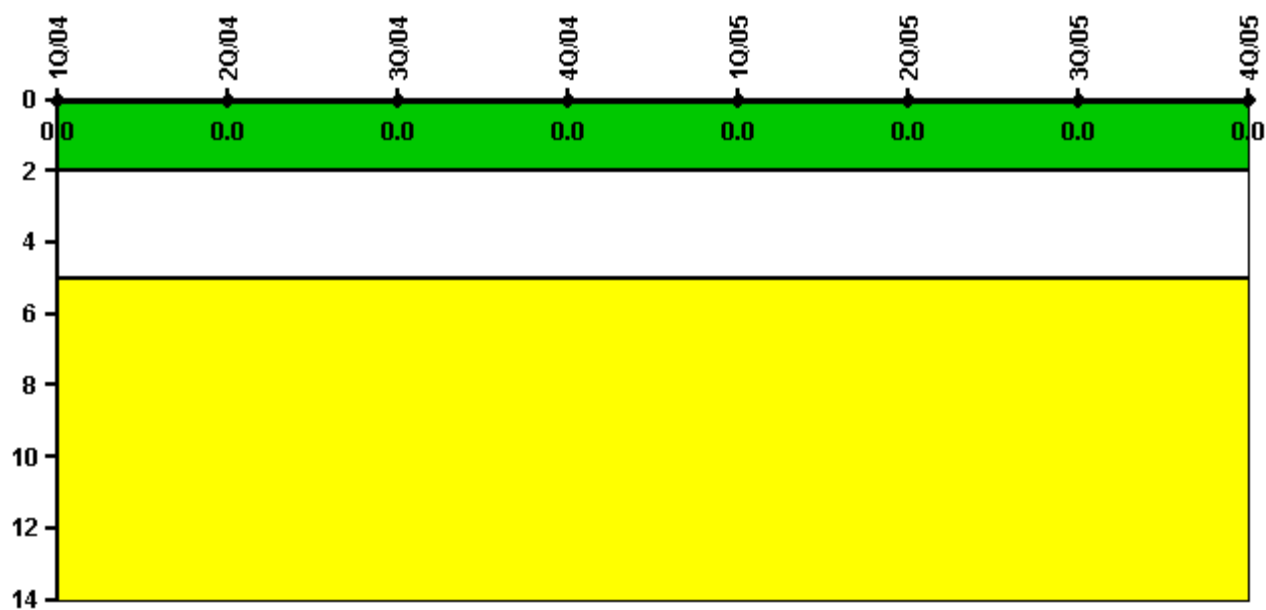
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Successful siren-tests	327	329	282	375	282	375	327	376
Total sirens-tests	329	329	282	376	282	376	329	376
Indicator value	99.5%	99.5%	99.8%	99.8%	99.9%	99.8%	99.7%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



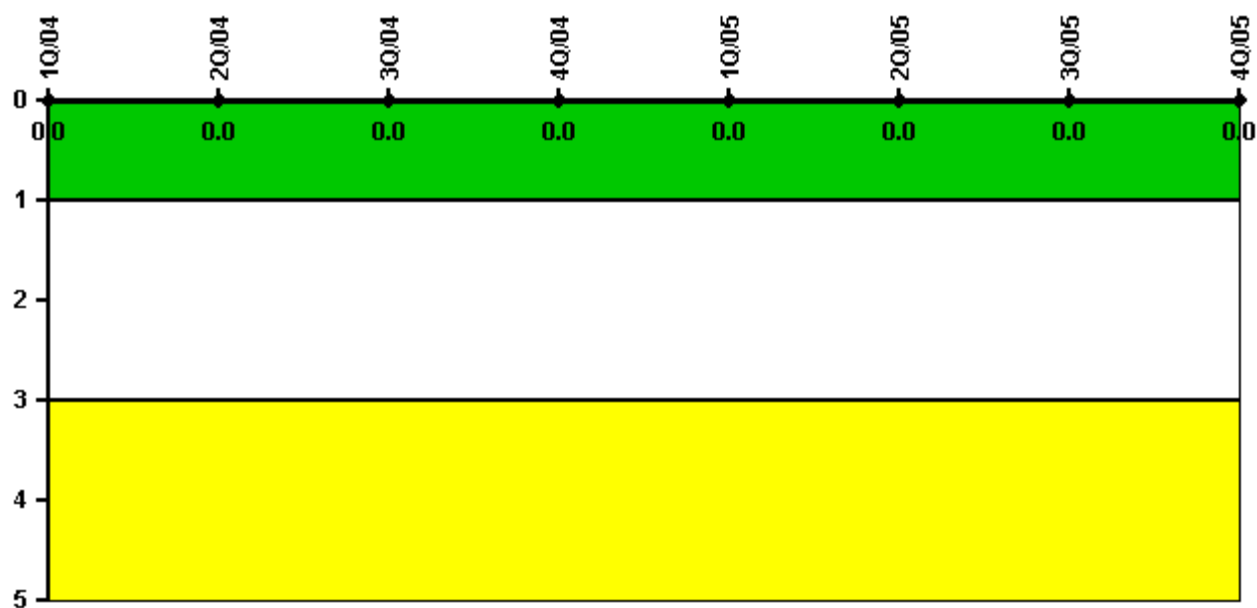
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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](#)

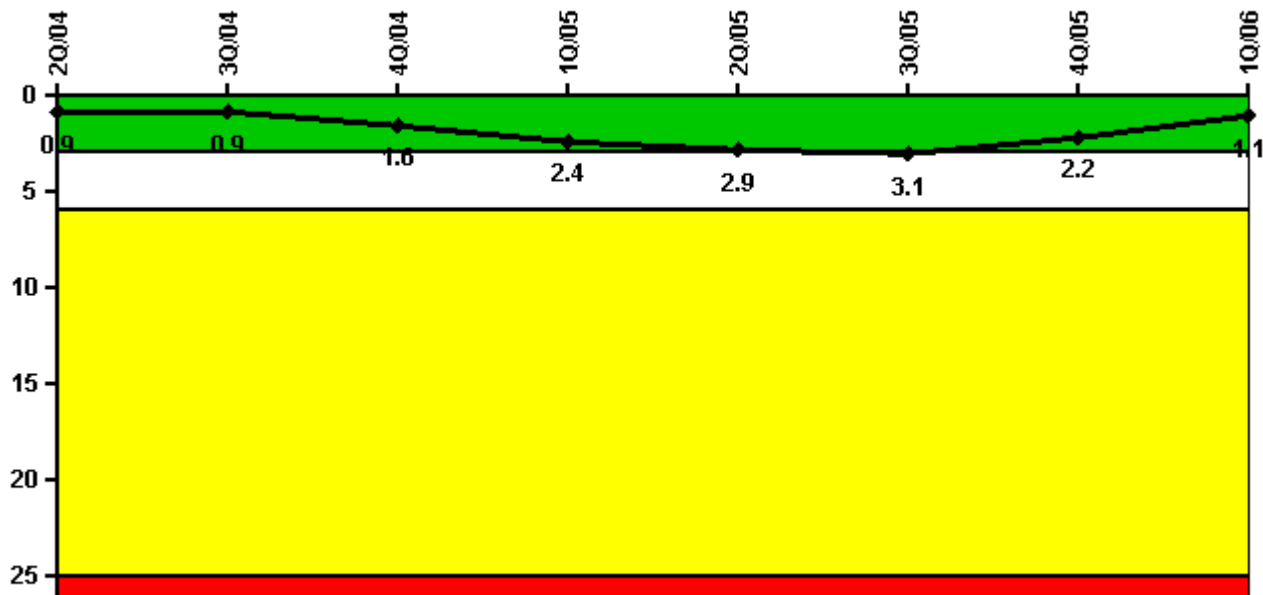
Last Modified: January 30, 2006

Turkey Point 4

1Q/2006 Performance Indicators

Licensee's General Comments: Unit 3 and 4 AFW System PI turned white in 4th Quarter 2005.

Unplanned Scrams per 7000 Critical Hrs



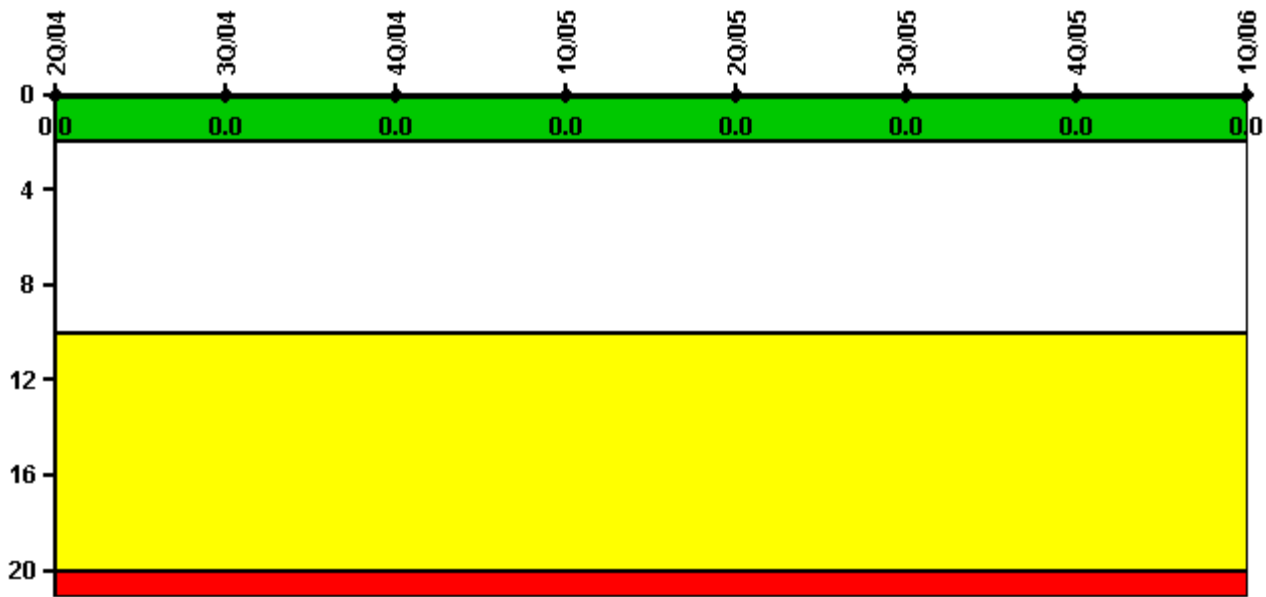
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Unplanned scrams	1.0	0	1.0	1.0	1.0	0	0	0
Critical hours	2141.9	2208.0	2187.5	2118.3	619.6	1911.4	1756.1	2135.4
Indicator value	0.9	0.9	1.6	2.4	2.9	3.1	2.2	1.1

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



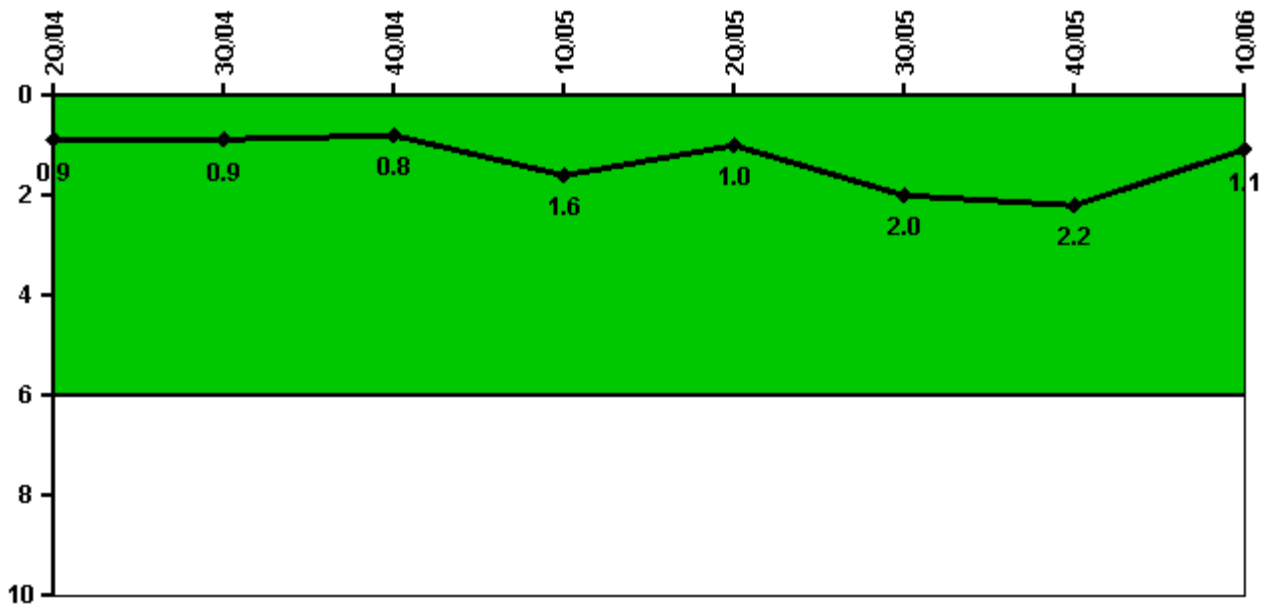
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



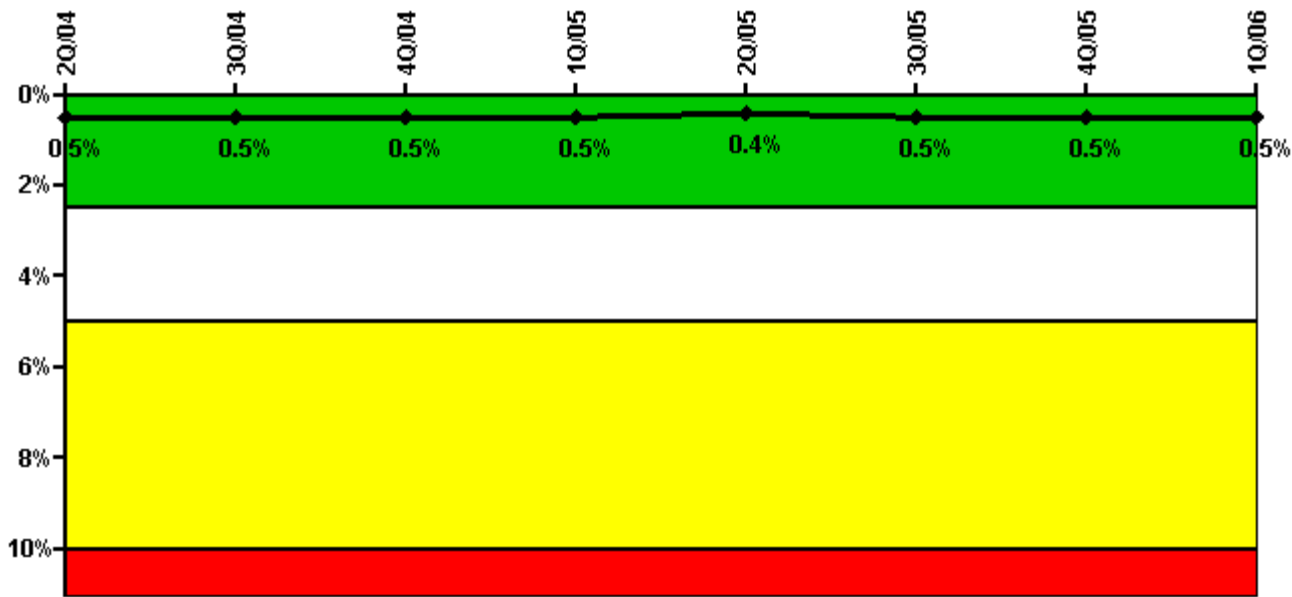
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Unplanned power changes	1.0	0	0	1.0	0	1.0	0	0
Critical hours	2141.9	2208.0	2187.5	2118.3	619.6	1911.4	1756.1	2135.4
Indicator value	0.9	0.9	0.8	1.6	1.0	2.0	2.2	1.1

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



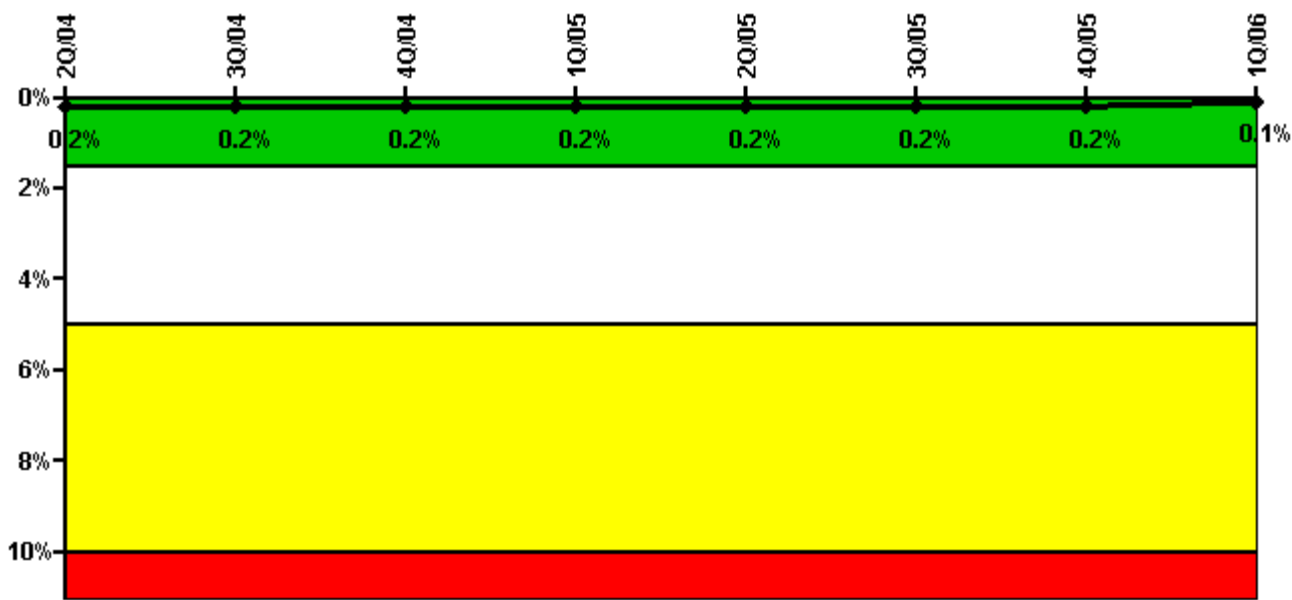
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	10.00	3.20	2.40	1.60	1.60	3.90	2.40	3.10
Unplanned unavailable hours	0	0	0	0	0	0	15.80	4.50
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	1557.84	2208.00	2186.80	2160.00
Train 2								
Planned unavailable hours	1.60	1.60	14.40	2.40	0.80	3.20	9.50	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	2183.00	2208.00	2209.00	2160.00	1557.84	2208.00	2186.80	2160.00
Indicator value	0.5%	0.5%	0.5%	0.5%	0.4%	0.5%	0.5%	0.5%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



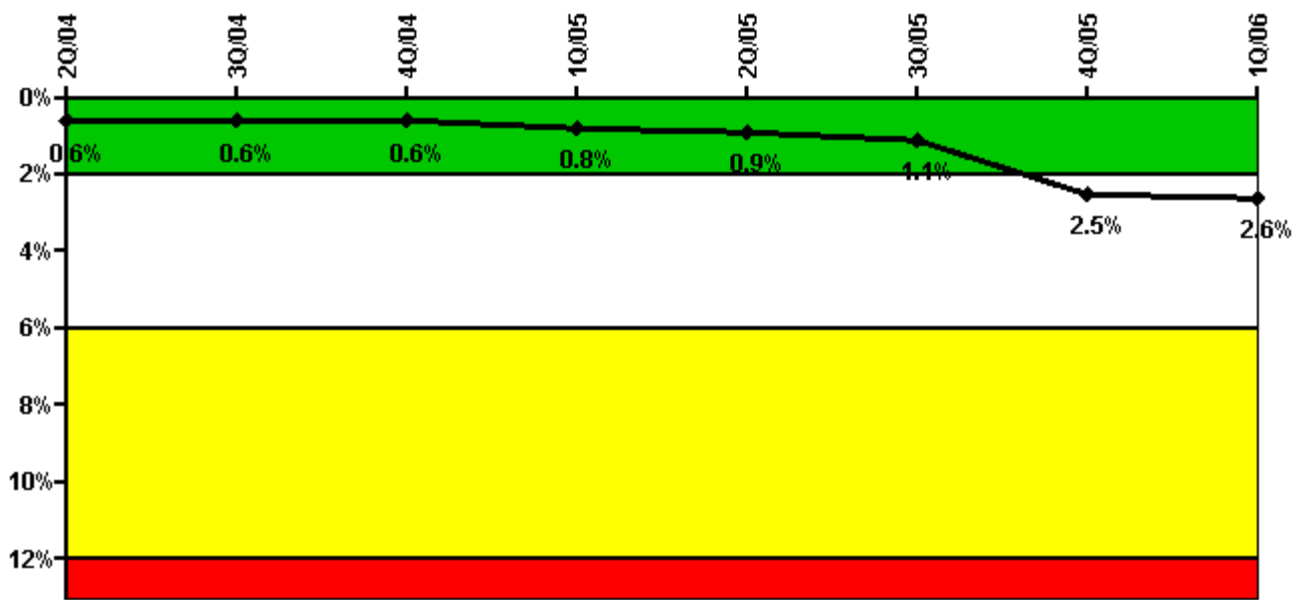
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

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	0	0	0	0	0.90	0	0	0.40
Unplanned unavailable hours	0	0	0	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	2183.00	2183.00	2209.00	2160.00	911.00	2208.00	1975.40	2160.00
Train 2								
Planned unavailable hours	0	0	0	0	0.20	0	0	0.40
Unplanned unavailable hours	0	2.40	7.80	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2183.00	2209.00	2160.00	911.00	2208.00	1975.40	2160.00
Indicator value	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.1%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



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

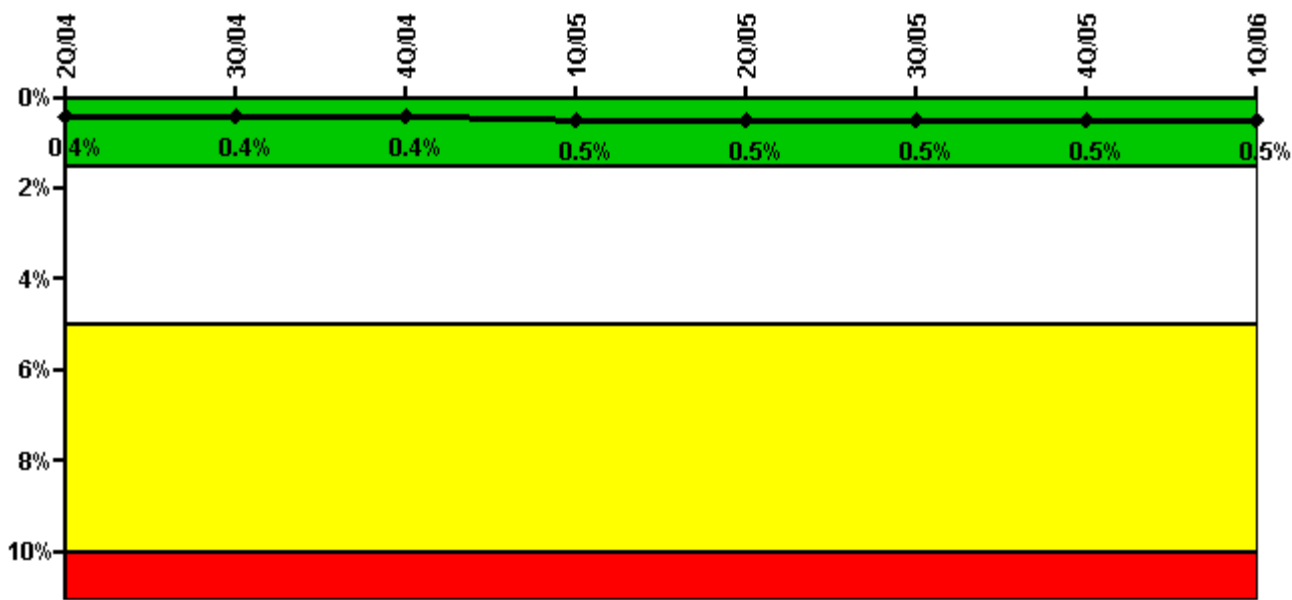
Notes

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	0	0	0	0	0	18.30	3.80	0
Unplanned unavailable hours	0	0	0	0	0	6.00	25.80	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	911.00	2208.00	1975.20	2160.00
Train 2								
Planned unavailable hours	0	0	12.10	1.80	0	0	0	51.50
Unplanned unavailable hours	0	0	0	0	0	0	1.20	0
Fault exposure hours	0	0	0	113.80	23.00	125.40	753.10	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	911.00	2208.00	1975.20	2160.00
Indicator value	0.6%	0.6%	0.6%	0.8%	0.9%	1.1%	2.5%	2.6%

Licensee Comments:

1Q/06: Unit 3/4 AFW System Turned White due to "B" Pump unavailability 4th Qtr 2005.

Safety System Unavailability, Residual Heat Removal System



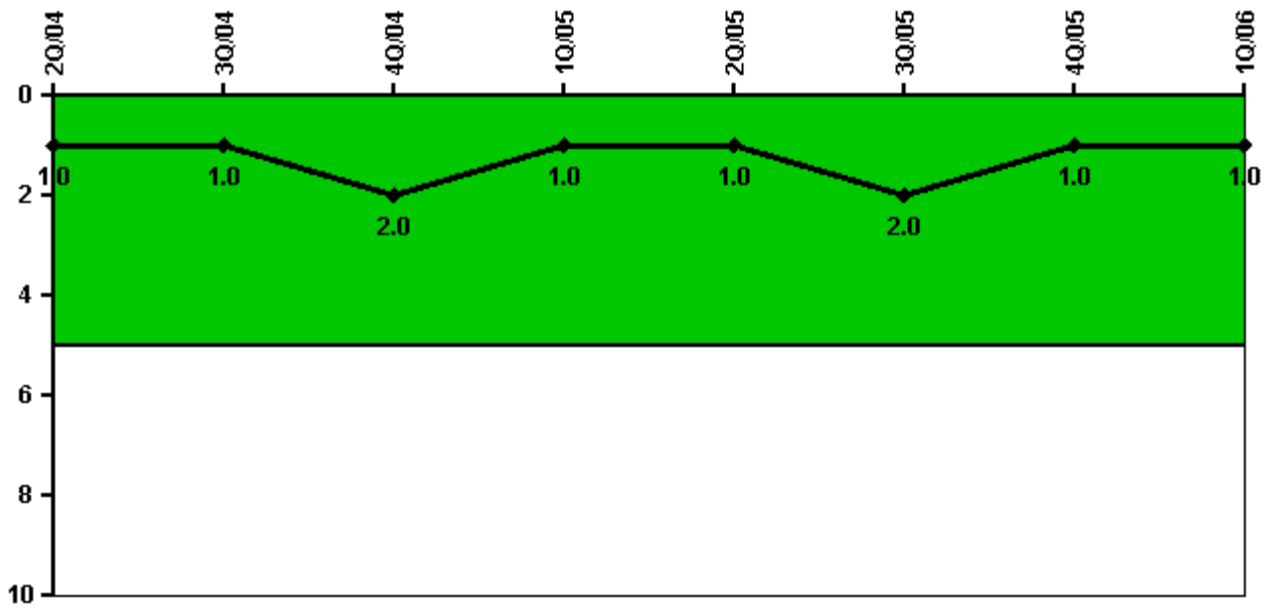
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

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	1.90	2.70	2.90	45.00	1.97	16.00	4.40	2.00
Unplanned unavailable hours	0	0	0	0	0.50	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	1352.10	2208.00	2201.00	2160.00
Train 2								
Planned unavailable hours	2.40	4.20	2.50	43.90	1.90	2.70	4.40	2.20
Unplanned unavailable hours	0	0	0	0	17.00	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	1352.10	2208.00	2201.00	2160.00
Indicator value	0.4%	0.4%	0.4%	0.5%	0.5%	0.5%	0.5%	0.5%

Licensee Comments: none

Safety System Functional Failures (PWR)



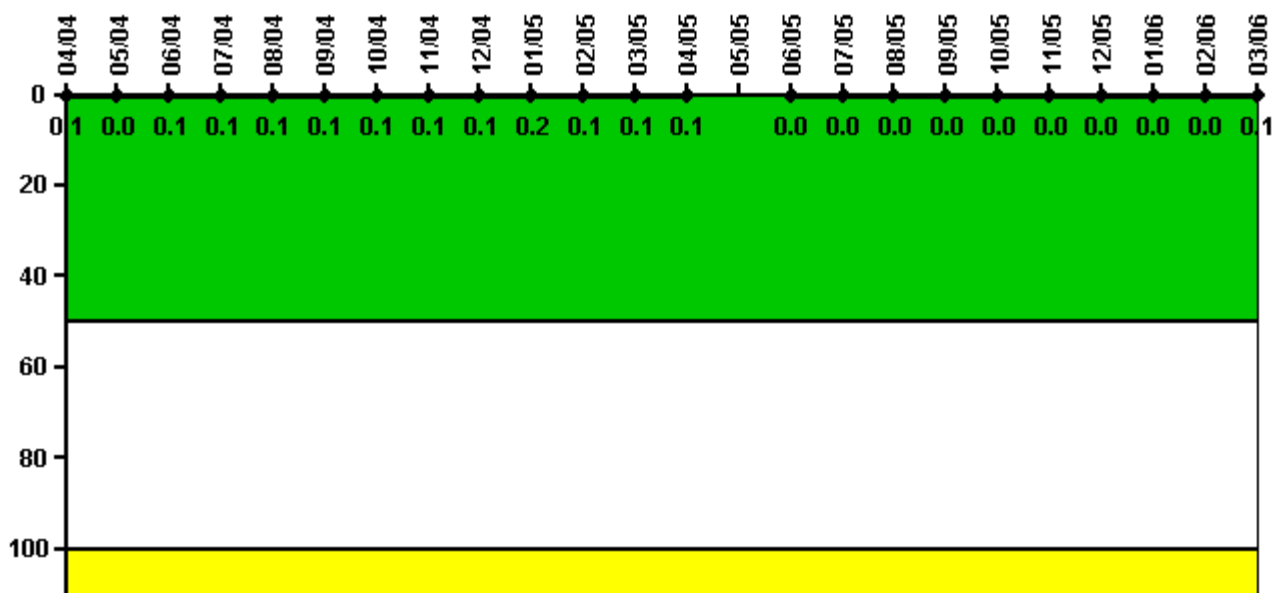
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



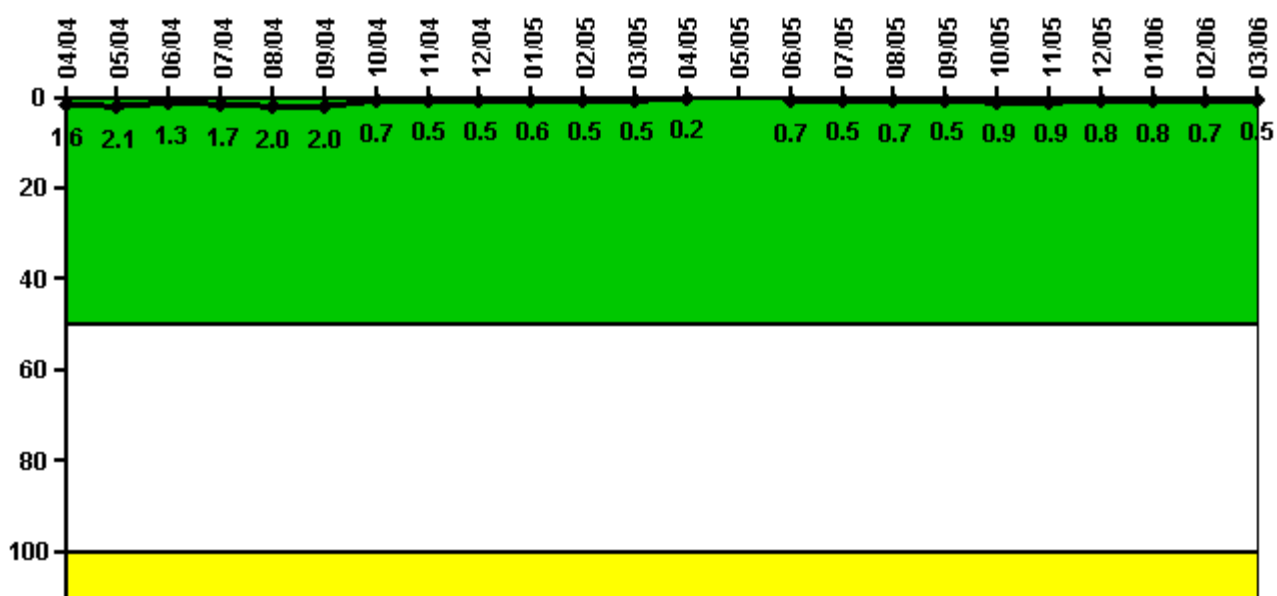
Thresholds: White > 50.0 Yellow > 100.0

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	0.000586	0.000455	0.000501	0.000668	0.000554	0.000565	0.000582	0.000605	0.000603	0.001590	0.000660	0.000856
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1
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	0.000532	N/A	0.000328	0.000329	0.000376	0.000380	0.000391	0.000394	0.000427	0.000430	0.000480	0.000779
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	N/A	0	0	0	0	0	0	0	0	0	0.1

Licensee Comments: none

Reactor Coolant System Leakage

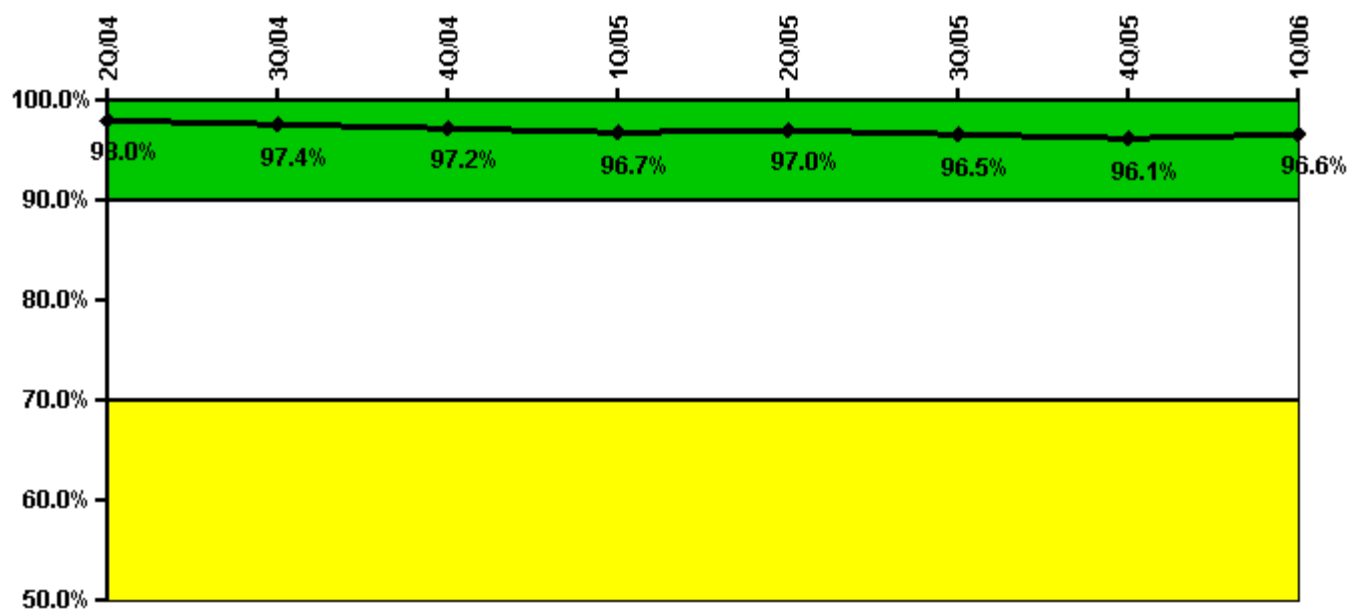


Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05
Maximum leakage	0.160	0.210	0.130	0.170	0.200	0.200	0.070	0.050	0.050	0.060	0.050	0.050
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.6	2.1	1.3	1.7	2.0	2.0	0.7	0.5	0.5	0.6	0.5	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	0.020	N/A	0.070	0.050	0.070	0.050	0.090	0.090	0.080	0.080	0.070	0.050
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	N/A	0.7	0.5	0.7	0.5	0.9	0.9	0.8	0.8	0.7	0.5

Licensee Comments: none

Drill/Exercise Performance

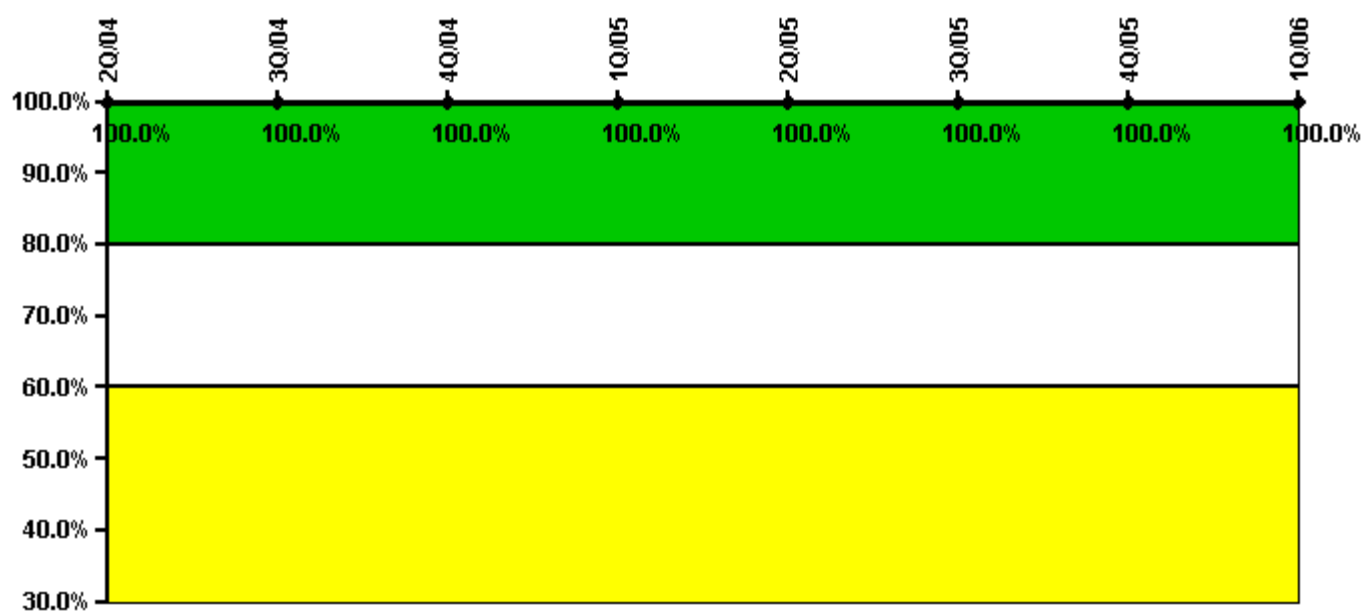
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Successful opportunities	40.0	32.0	7.0	50.0	25.0	70.0	41.0	75.0
Total opportunities	41.0	35.0	7.0	53.0	25.0	73.0	43.0	75.0
Indicator value	98.0%	97.4%	97.2%	96.7%	97.0%	96.5%	96.1%	96.6%

Licensee Comments: none

ERO Drill Participation



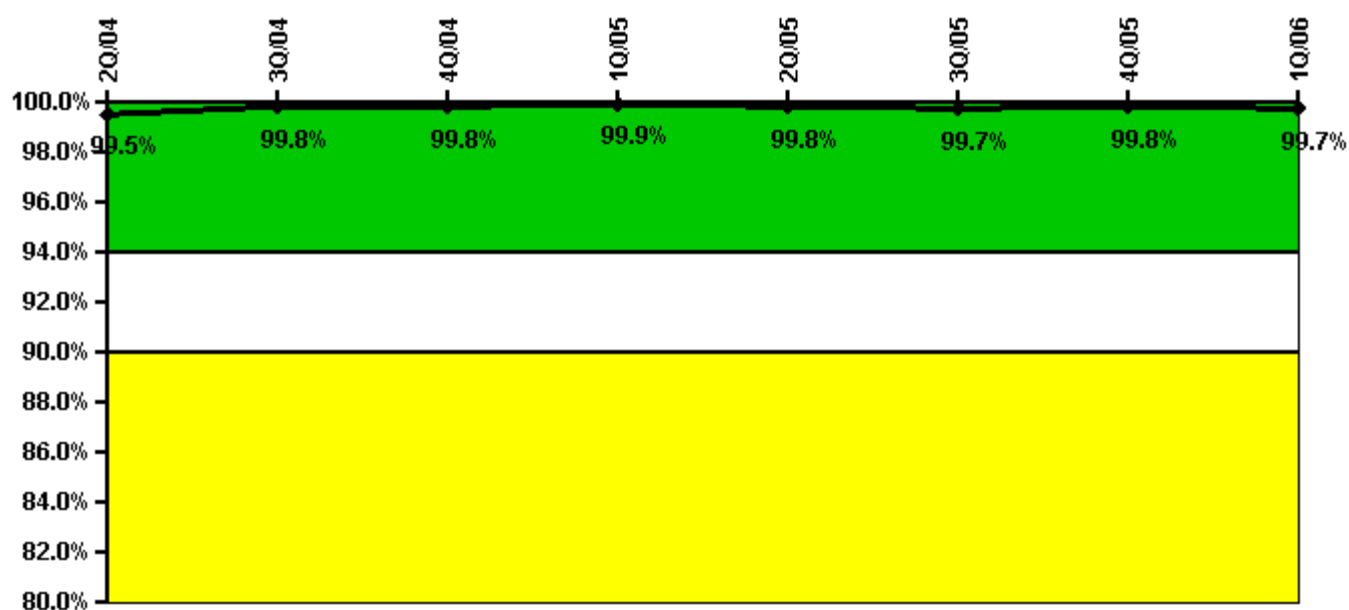
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Participating Key personnel	72.0	72.0	74.0	67.0	72.0	73.0	80.0	89.0
Total Key personnel	72.0	72.0	74.0	67.0	72.0	73.0	80.0	89.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



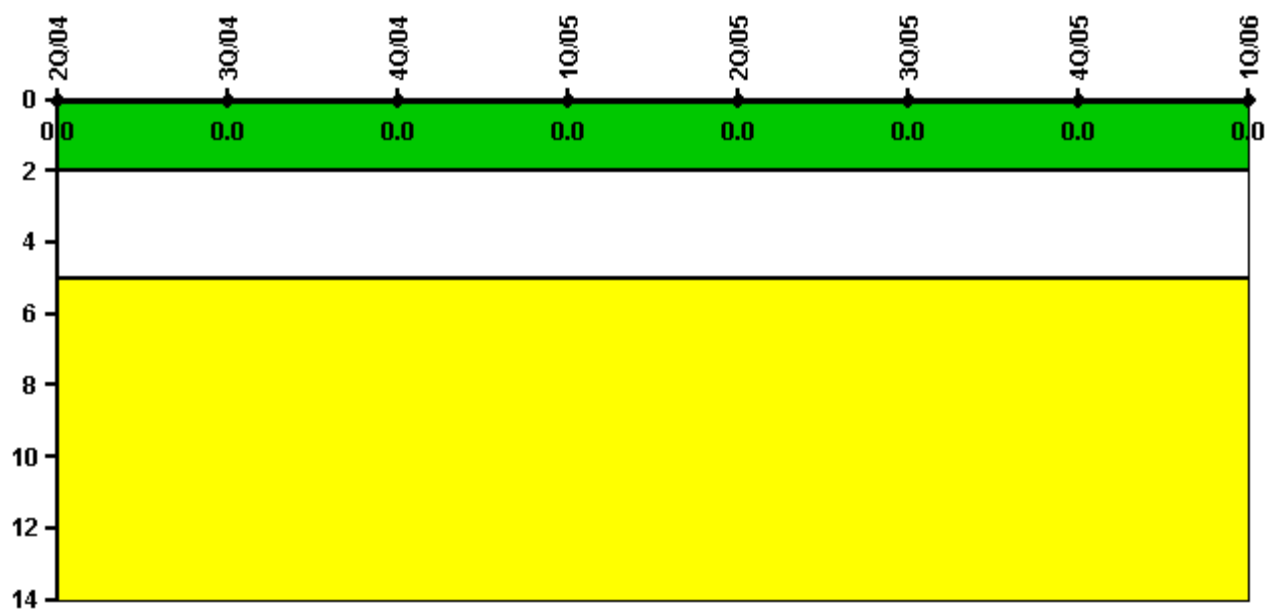
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Successful siren-tests	329	282	375	282	375	327	376	328
Total sirens-tests	329	282	376	282	376	329	376	329
Indicator value	99.5%	99.8%	99.8%	99.9%	99.8%	99.7%	99.8%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness

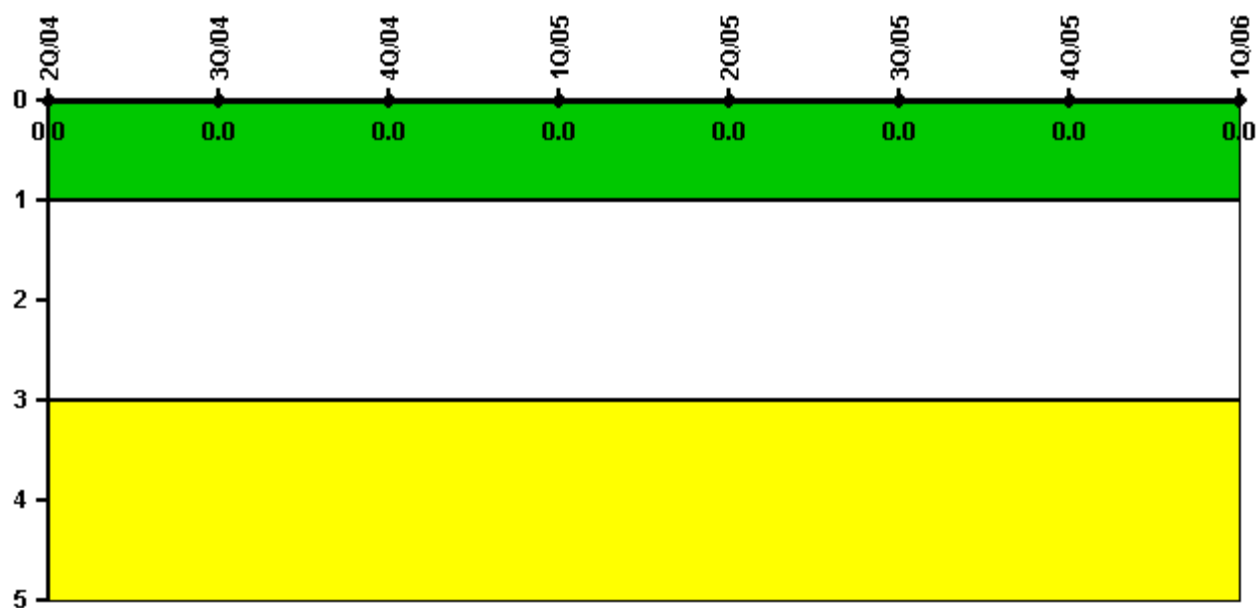


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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](#)

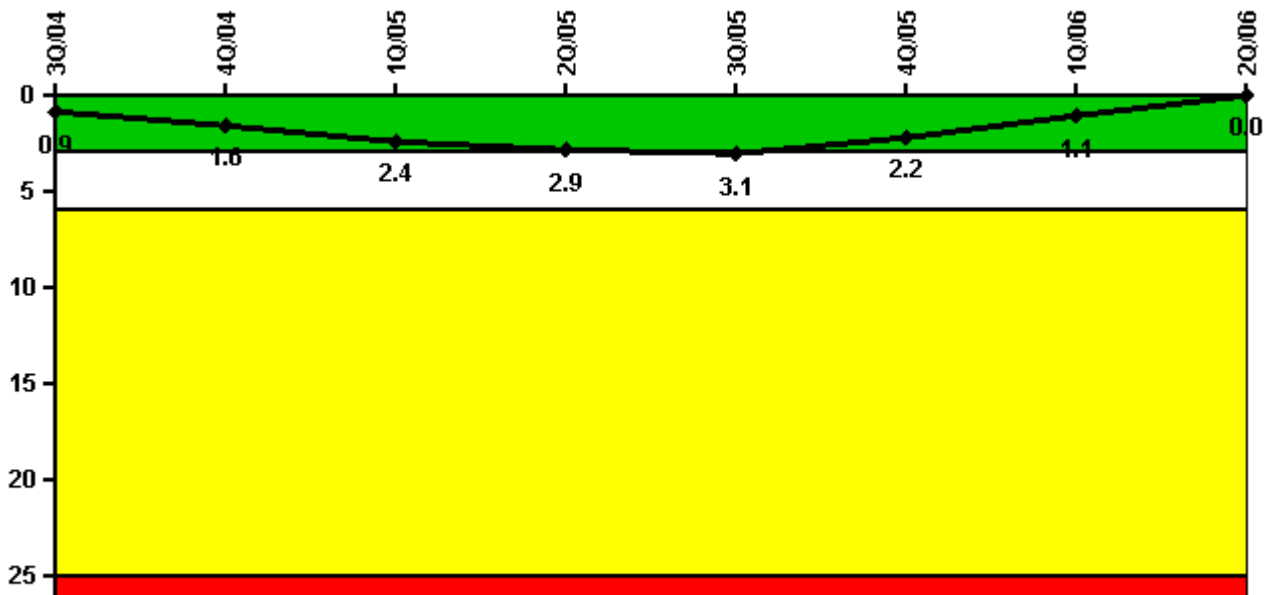
Last Modified: May 5, 2006

Turkey Point 4

2Q/2006 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



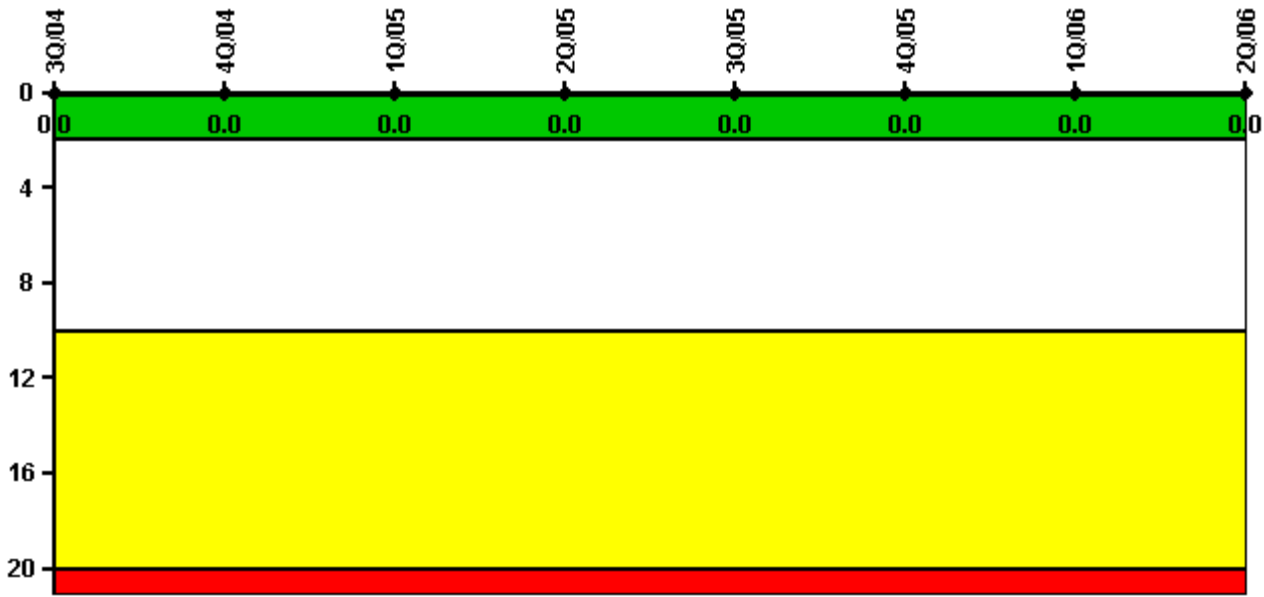
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	1.0	1.0	0	0	0	0
Critical hours	2208.0	2187.5	2118.3	619.6	1911.4	1756.1	2135.4	2109.4
Indicator value	0.9	1.6	2.4	2.9	3.1	2.2	1.1	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



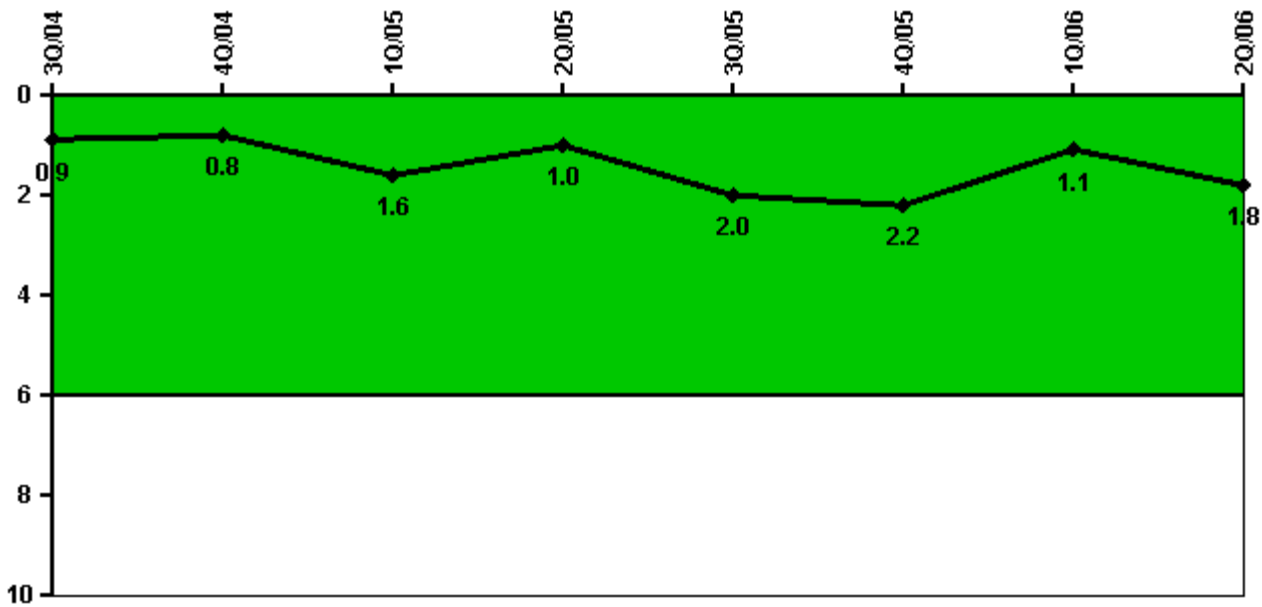
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



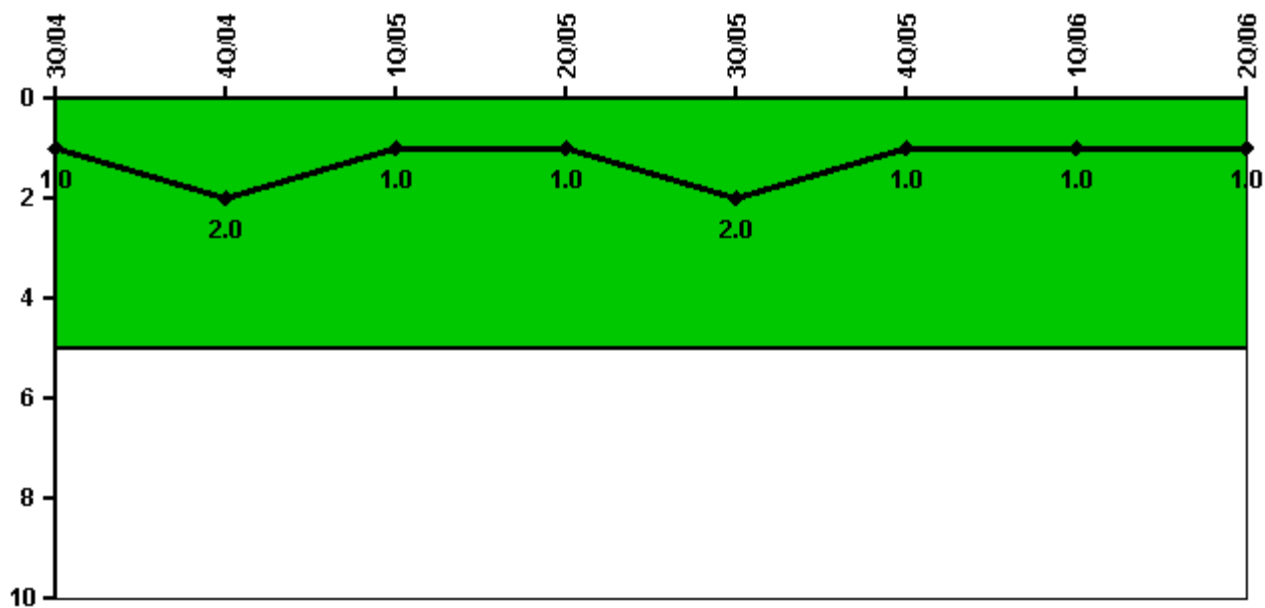
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Unplanned power changes	0	0	1.0	0	1.0	0	0	1.0
Critical hours	2208.0	2187.5	2118.3	619.6	1911.4	1756.1	2135.4	2109.4
Indicator value	0.9	0.8	1.6	1.0	2.0	2.2	1.1	1.8

Licensee Comments: none

Safety System Functional Failures (PWR)



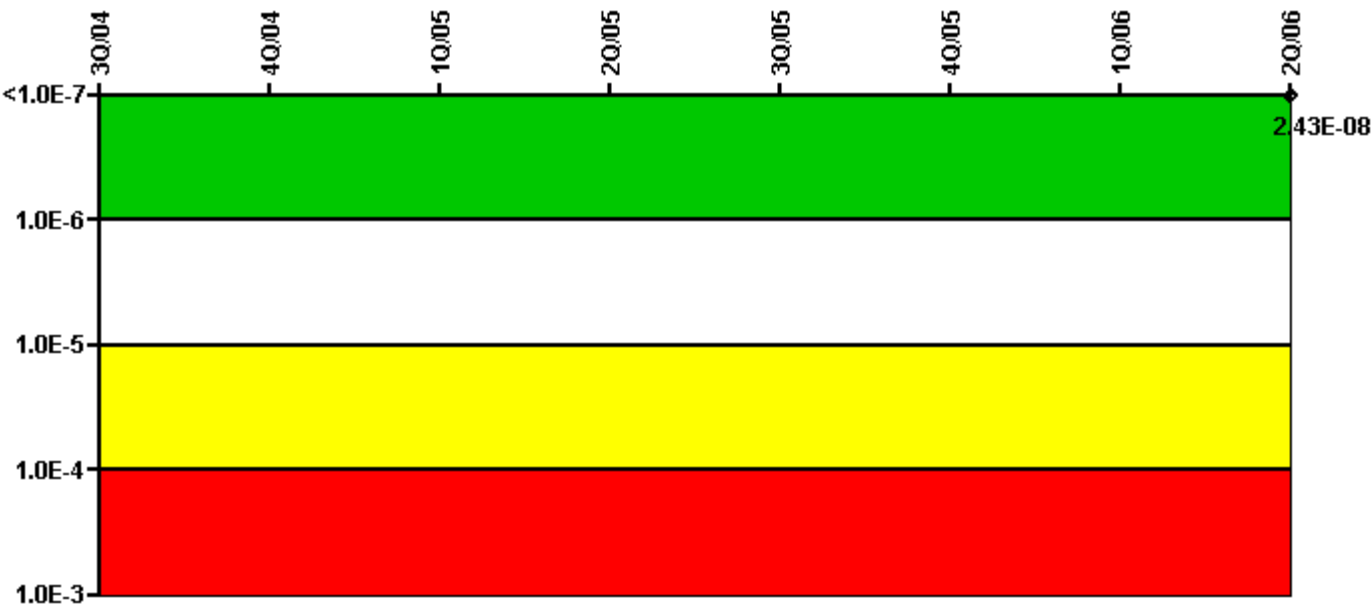
Thresholds: White > 5.0

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



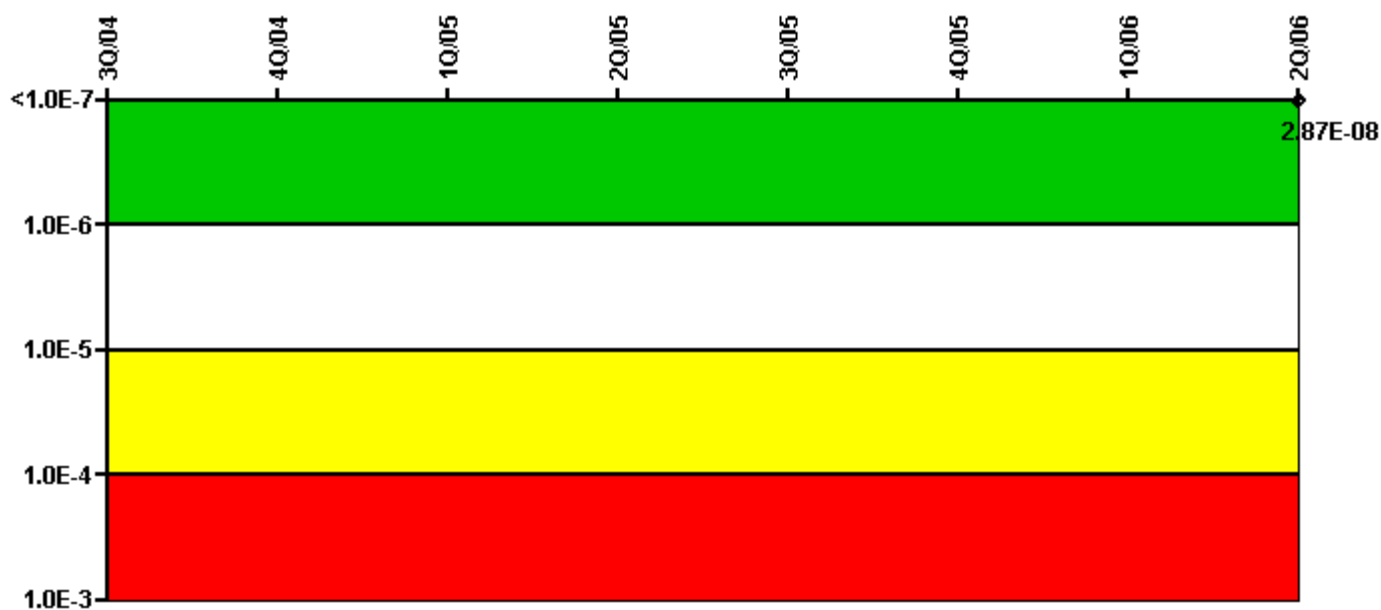
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (ΔCDF)								2.30E-09
URI (ΔCDF)								2.20E-08
PLE								NO
Indicator value								2.43E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



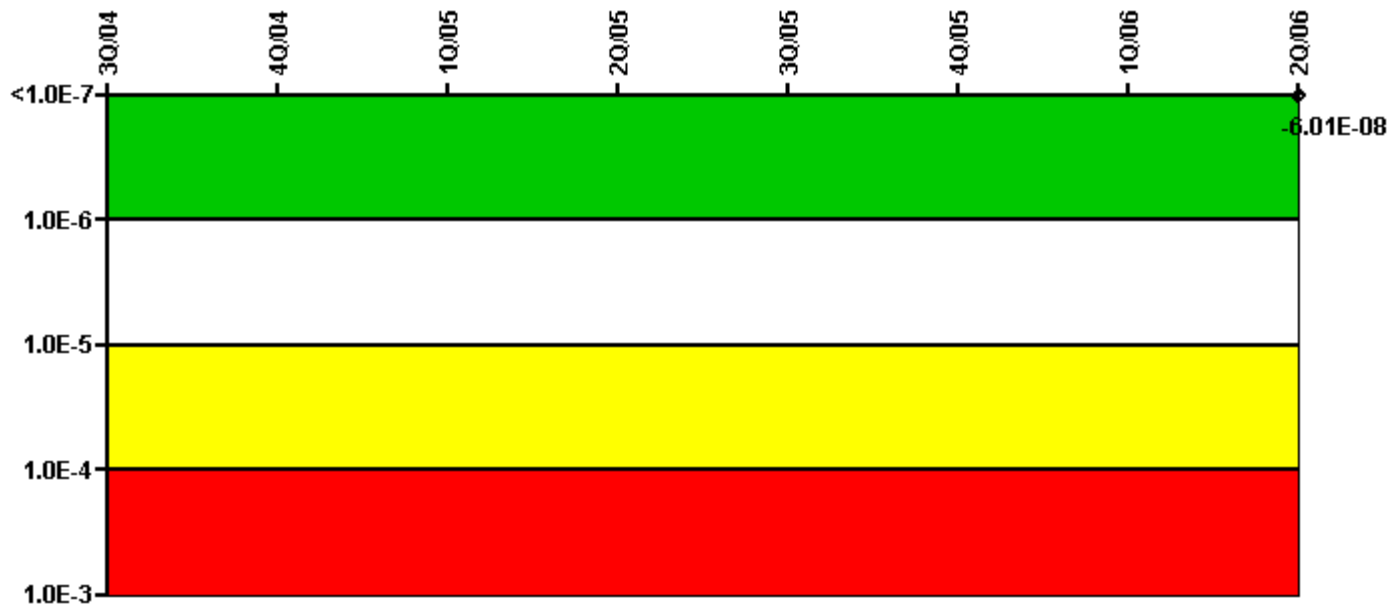
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (Δ CDF)								-5.30E-09
URI (Δ CDF)								3.40E-08
PLE								NO
Indicator value								2.87E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



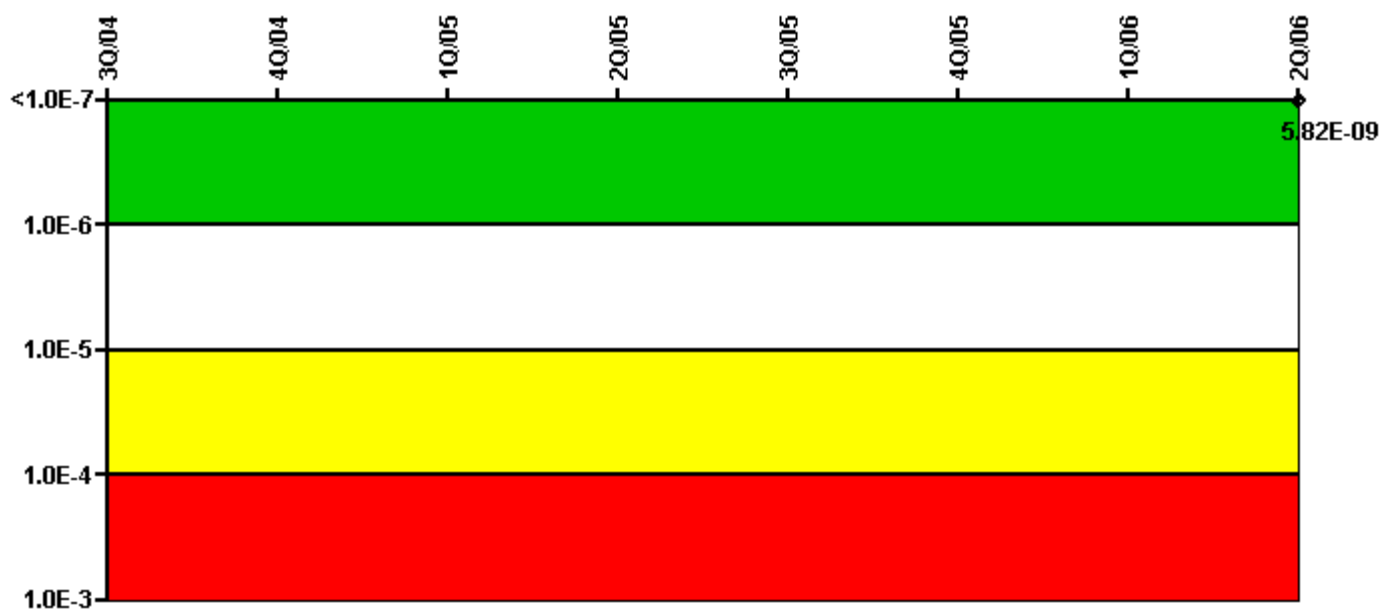
Thresholds: White $> 1.00E-6$ Yellow $> 1.00E-5$ Red $> 1.00E-4$

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (Δ CDF)								6.90E-09
URI (Δ CDF)								-6.70E-08
PLE								NO
Indicator value								-6.01E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



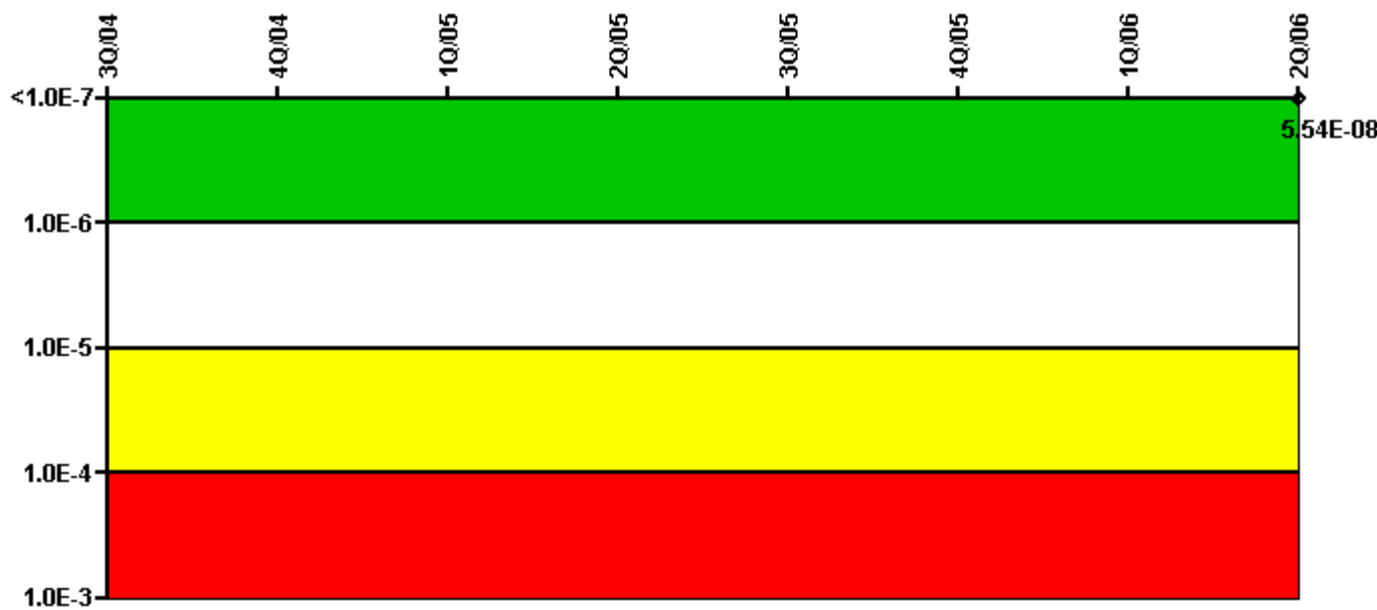
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (ΔCDF)								7.20E-10
URI (ΔCDF)								5.10E-09
PLE								NO
Indicator value								5.82E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



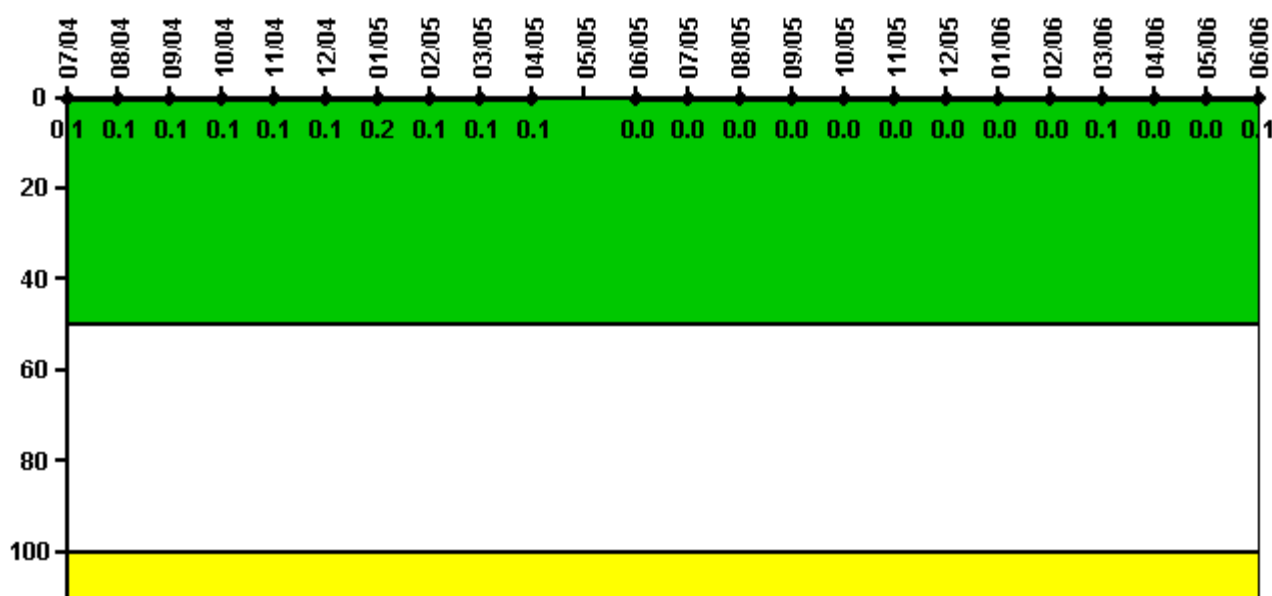
Thresholds: White > 1.00×10^{-6} Yellow > 1.00×10^{-5} Red > 1.00×10^{-4}

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)								5.40E-08
URI (Δ CDF)								1.40E-09
PLE								NO
Indicator value								5.54E-08

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

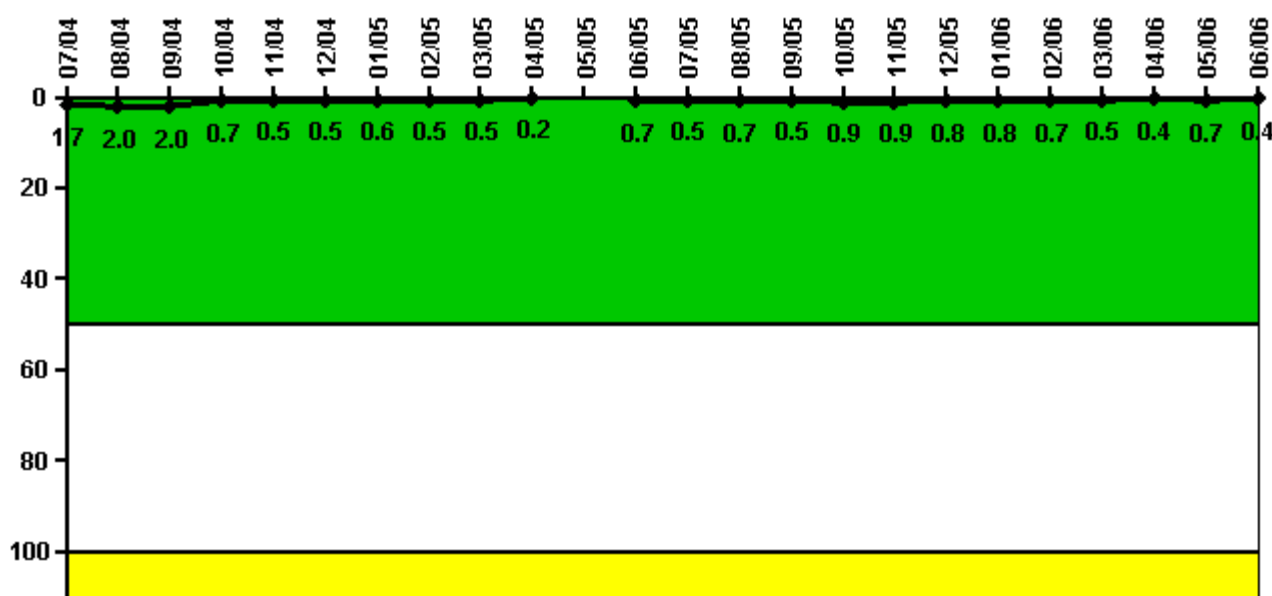
Notes

Reactor Coolant System Activity	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05
Maximum activity	0.000668	0.000554	0.000565	0.000582	0.000605	0.000603	0.001590	0.000660	0.000856	0.000532	N/A	0.000328
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	N/A	0

Reactor Coolant System Activity	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06
Maximum activity	0.000329	0.000376	0.000380	0.000391	0.000394	0.000427	0.000430	0.000480	0.000779	0.000478	0.000474	0.000506
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0.1	0	0	0.1

Licensee Comments: none

Reactor Coolant System Leakage

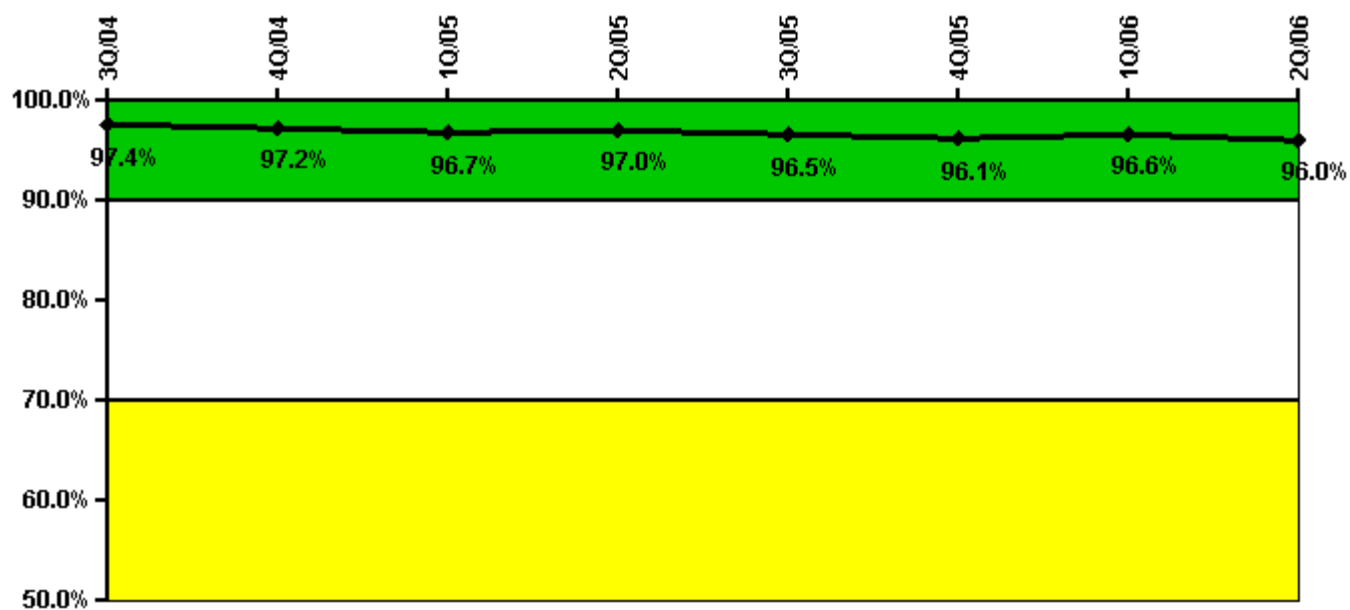


Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05
Maximum leakage	0.170	0.200	0.200	0.070	0.050	0.050	0.060	0.050	0.050	0.020	N/A	0.070
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.7	2.0	2.0	0.7	0.5	0.5	0.6	0.5	0.5	0.2	N/A	0.7
Reactor Coolant System Leakage	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06
Maximum leakage	0.050	0.070	0.050	0.090	0.090	0.080	0.080	0.070	0.050	0.040	0.070	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	0.7	0.5	0.9	0.9	0.8	0.8	0.7	0.5	0.4	0.7	0.4

Licensee Comments: none

Drill/Exercise Performance

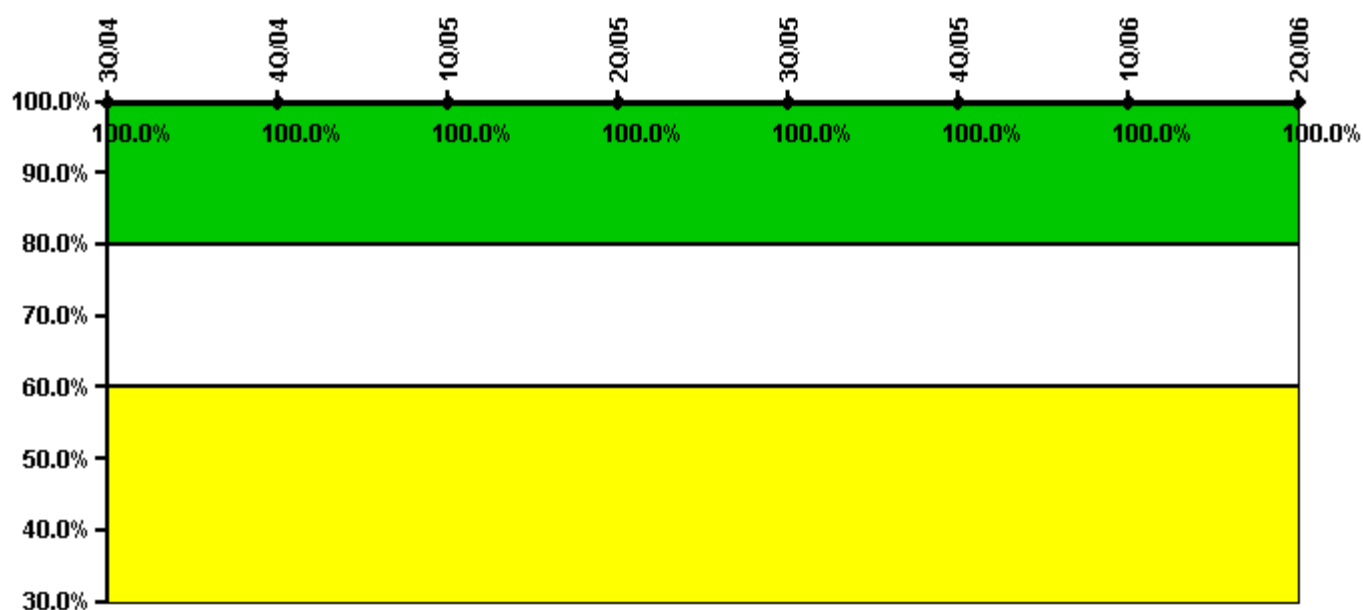
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Successful opportunities	32.0	7.0	50.0	25.0	70.0	41.0	75.0	38.0
Total opportunities	35.0	7.0	53.0	25.0	73.0	43.0	75.0	41.0
Indicator value	97.4%	97.2%	96.7%	97.0%	96.5%	96.1%	96.6%	96.0%

Licensee Comments: none

ERO Drill Participation



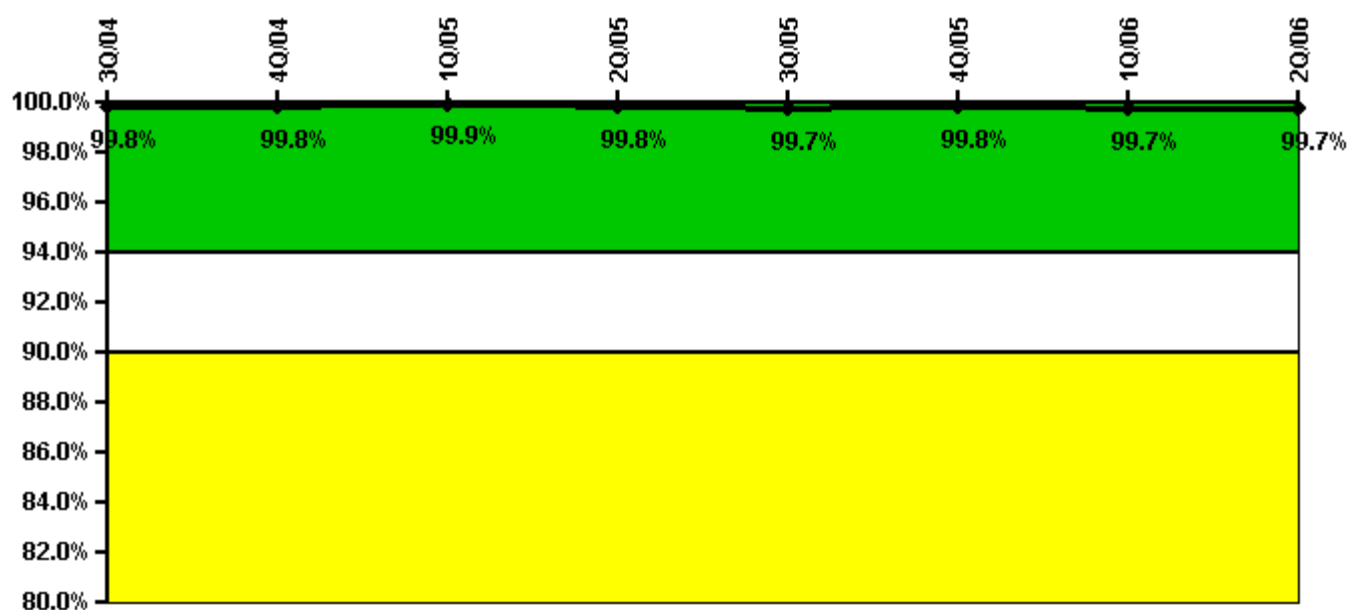
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Participating Key personnel	72.0	74.0	67.0	72.0	73.0	80.0	89.0	90.0
Total Key personnel	72.0	74.0	67.0	72.0	73.0	80.0	89.0	90.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



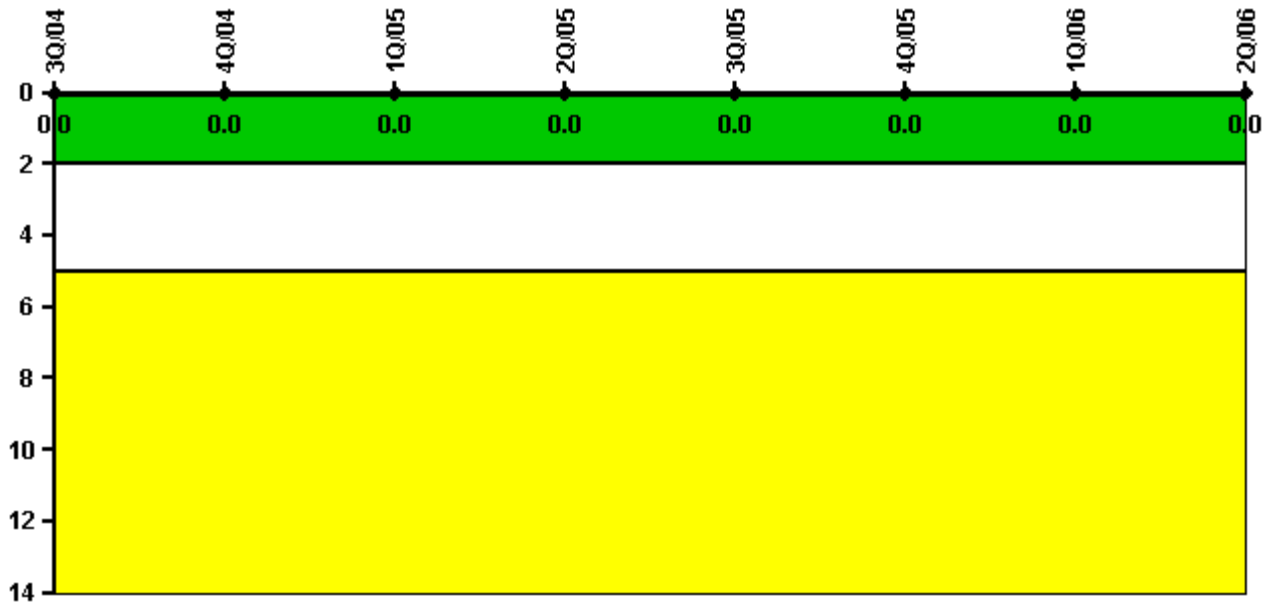
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Successful siren-tests	282	375	282	375	327	376	328	422
Total sirens-tests	282	376	282	376	329	376	329	423
Indicator value	99.8%	99.8%	99.9%	99.8%	99.7%	99.8%	99.7%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



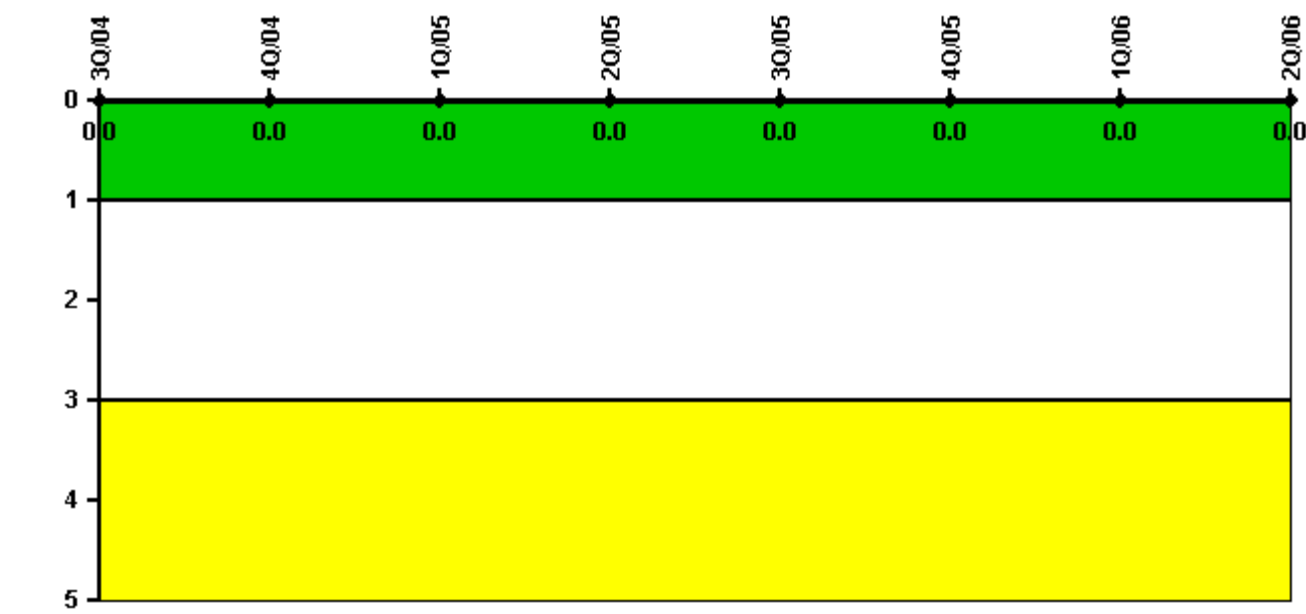
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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

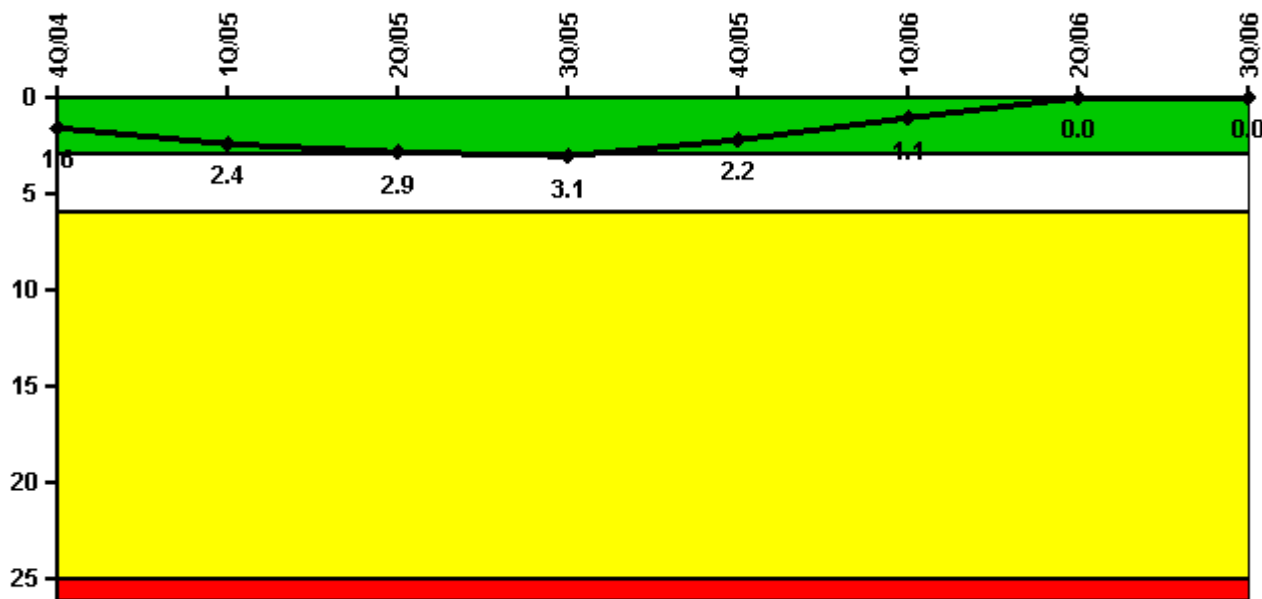
[Physical Protection](#) information not publicly available.

Turkey Point 4

3Q/2006 Performance Indicators

Licensee's General Comments: Minor data change in MS10 PI. No color change.

Unplanned Scrams per 7000 Critical Hrs



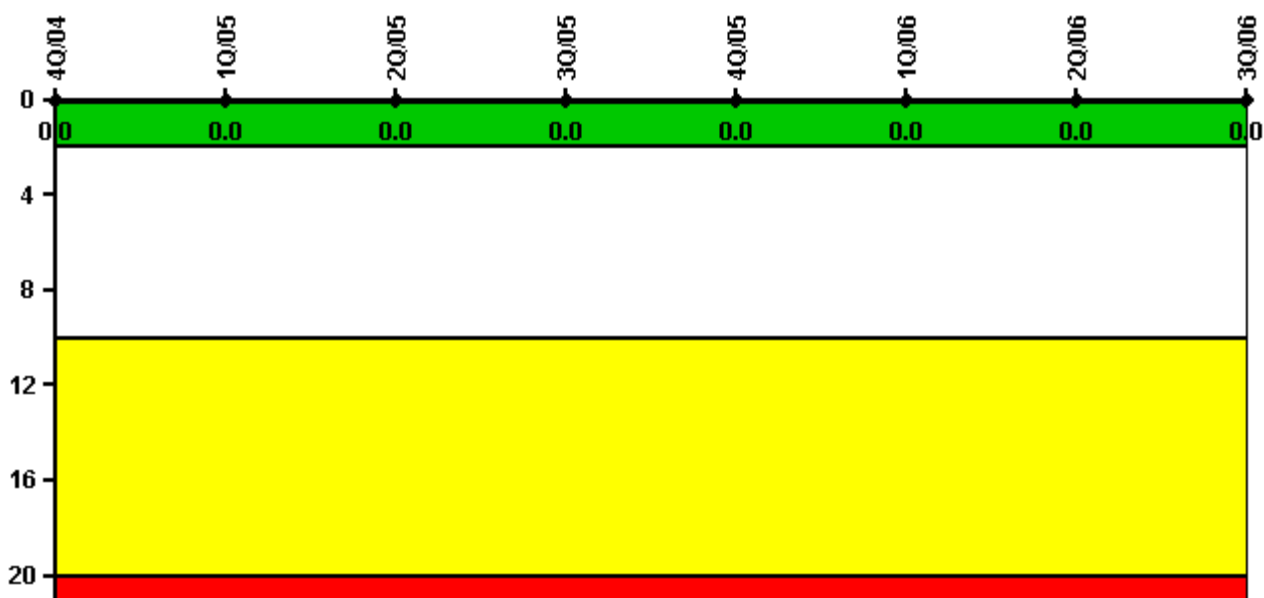
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Unplanned scrams	1.0	1.0	1.0	0	0	0	0	0
Critical hours	2187.5	2118.3	619.6	1911.4	1756.1	2135.4	2109.4	2208.0
Indicator value	1.6	2.4	2.9	3.1	2.2	1.1	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



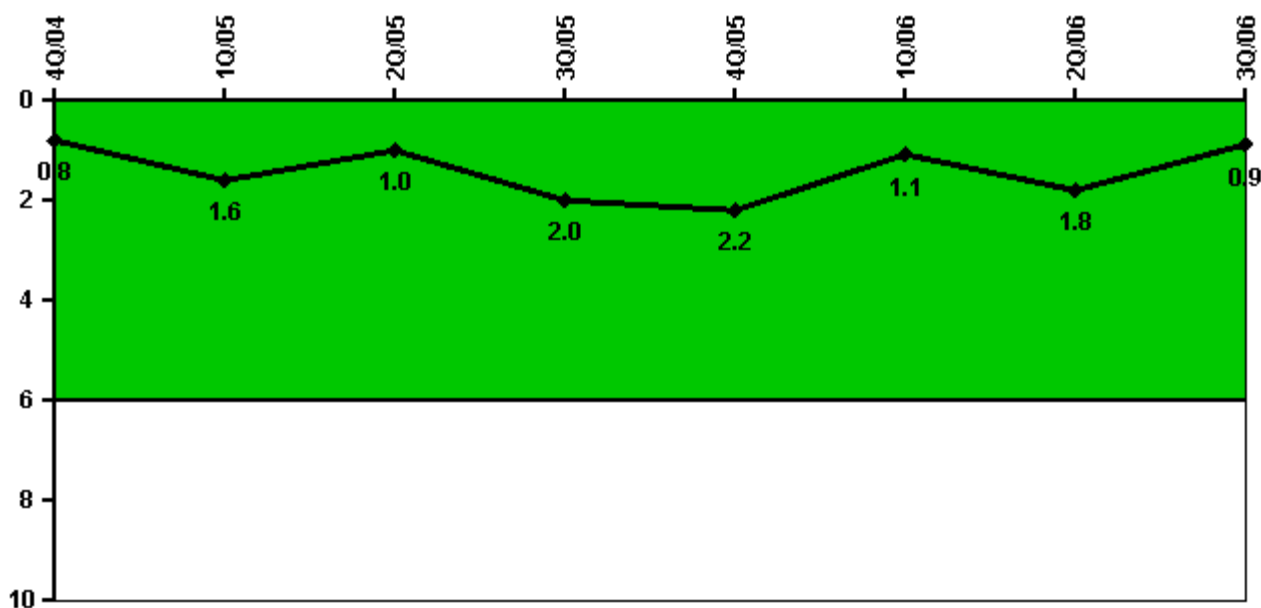
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

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	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



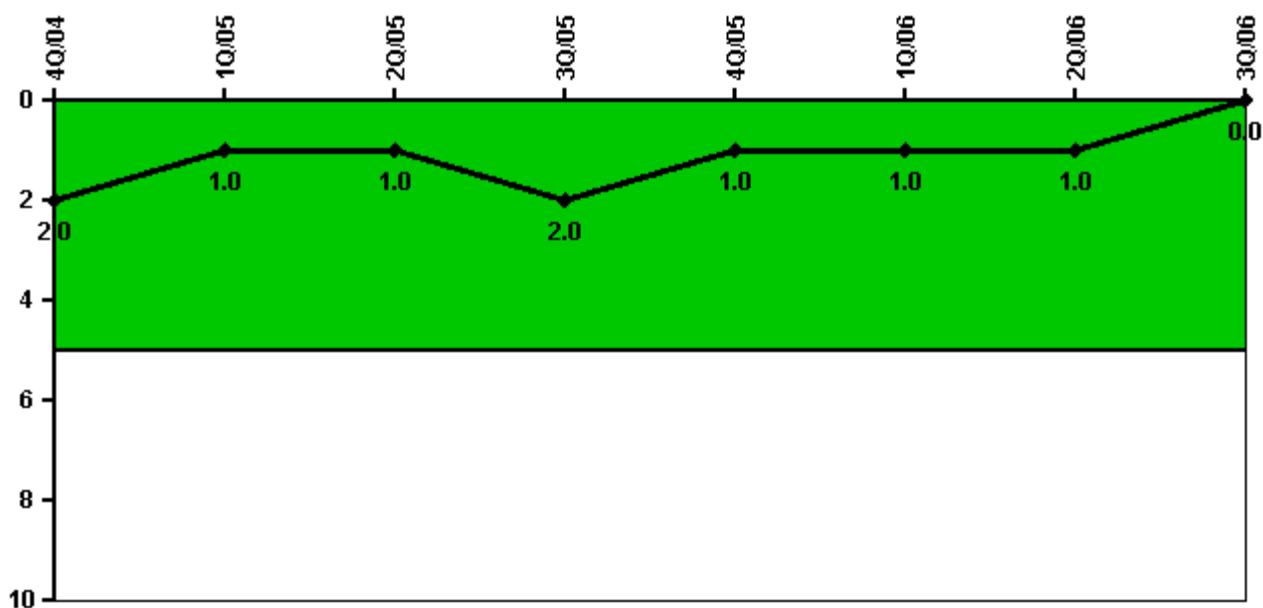
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Unplanned power changes	0	1.0	0	1.0	0	0	1.0	0
Critical hours	2187.5	2118.3	619.6	1911.4	1756.1	2135.4	2109.4	2208.0
Indicator value	0.8	1.6	1.0	2.0	2.2	1.1	1.8	0.9

Licensee Comments: none

Safety System Functional Failures (PWR)



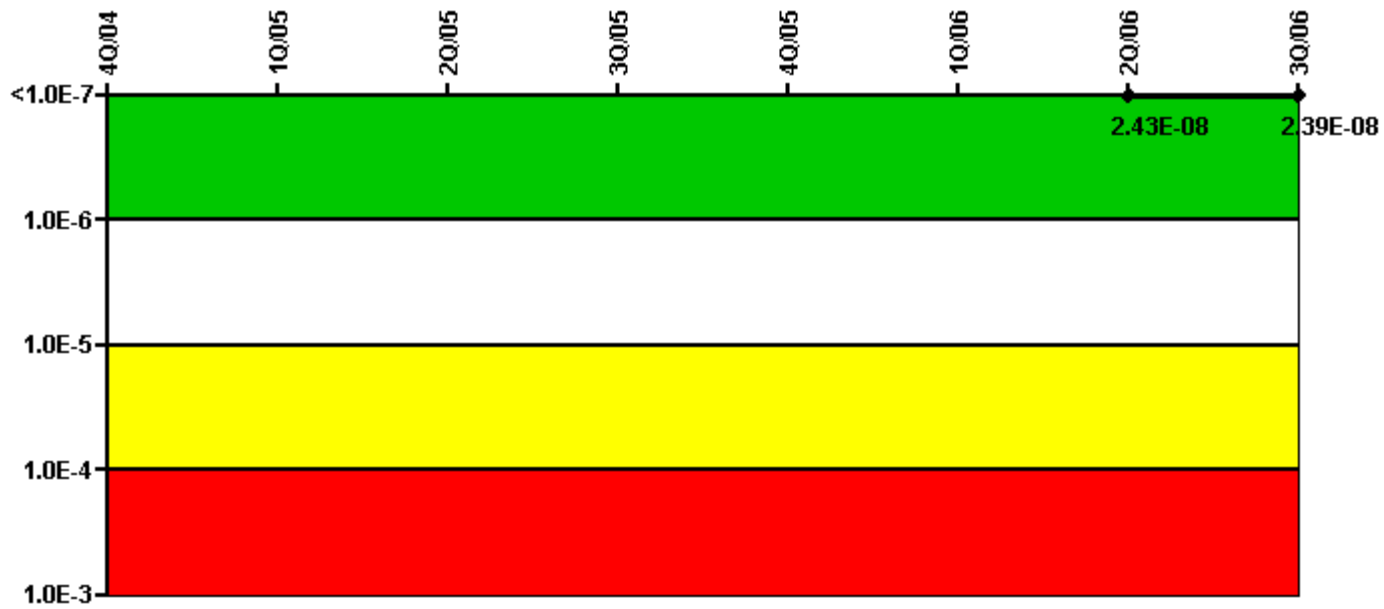
Thresholds: White > 5.0

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



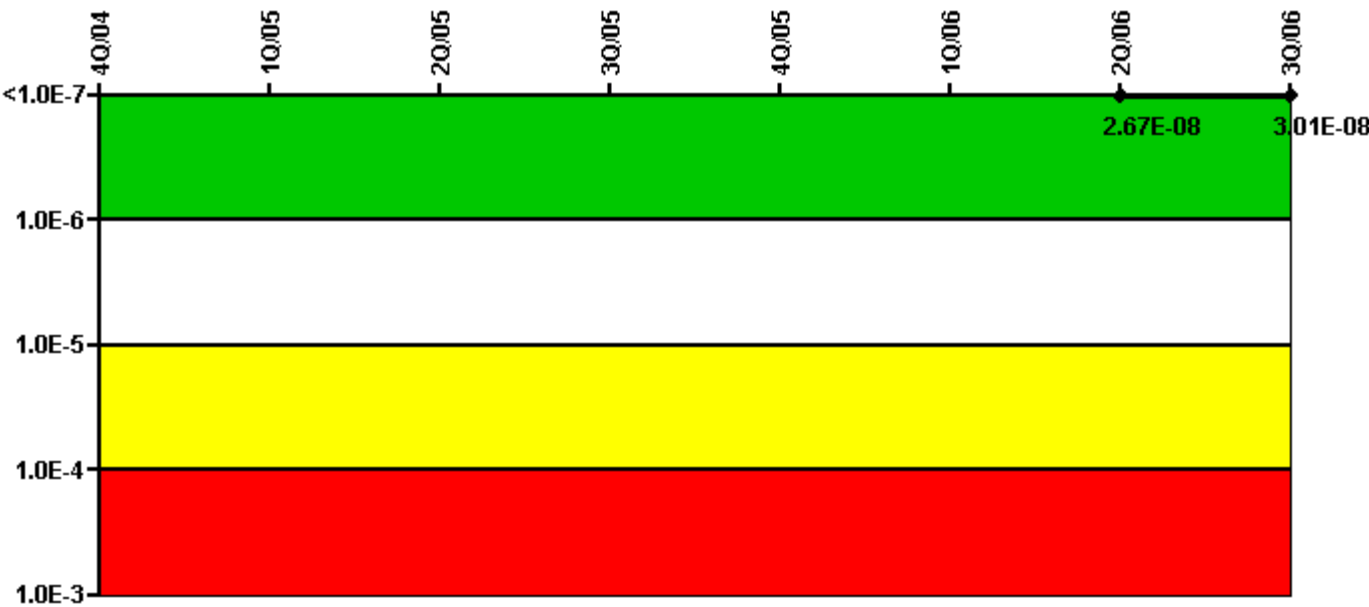
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (ΔCDF)							2.30E-09	1.90E-09
URI (ΔCDF)							2.20E-08	2.20E-08
PLE							NO	NO
Indicator value							2.43E-08	2.39E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



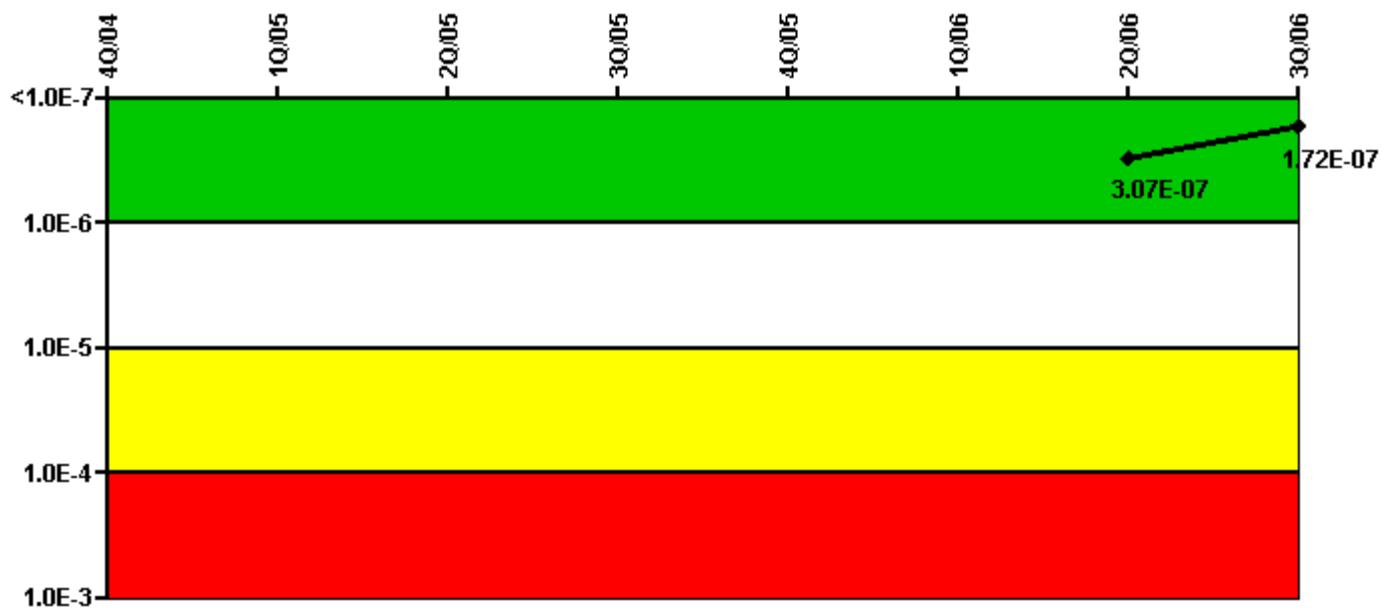
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (ΔCDF)							-5.30E-09	-9.10E-10
URI (ΔCDF)							3.20E-08	3.10E-08
PLE							NO	NO
Indicator value							2.67E-08	3.01E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

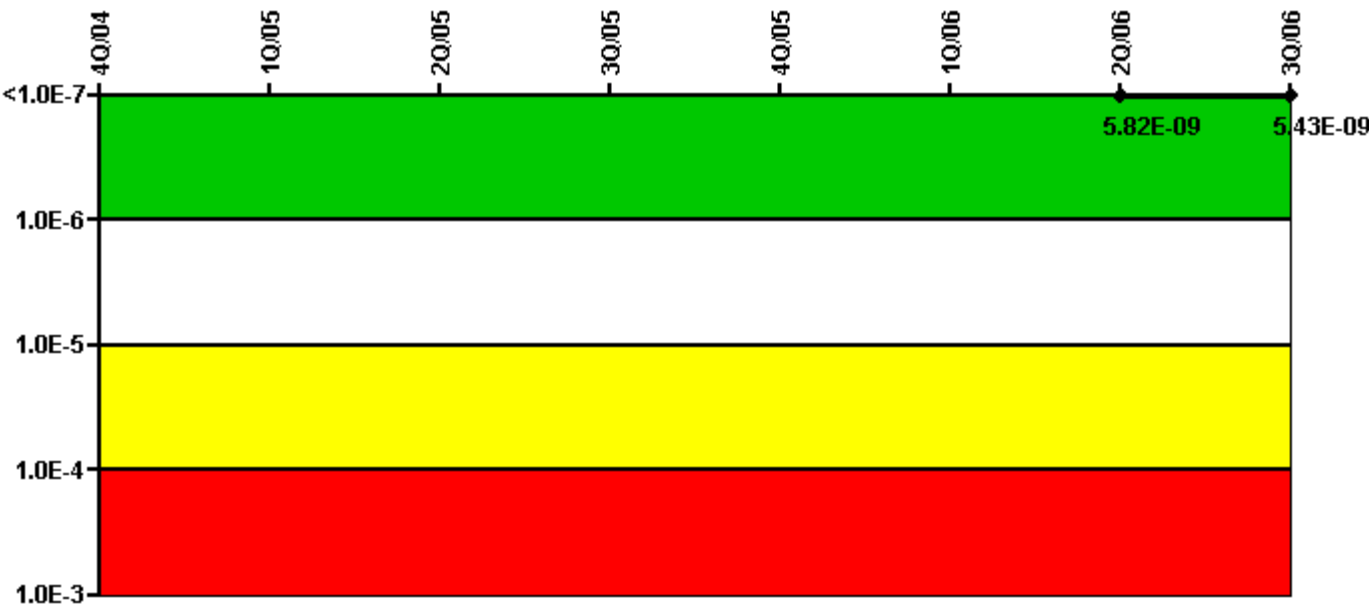


Notes

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)							6.90E-09	2.20E-09
URI (ΔCDF)							3.00E-07	1.70E-07
PLE							NO	NO
Indicator value							3.07E-07	1.72E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



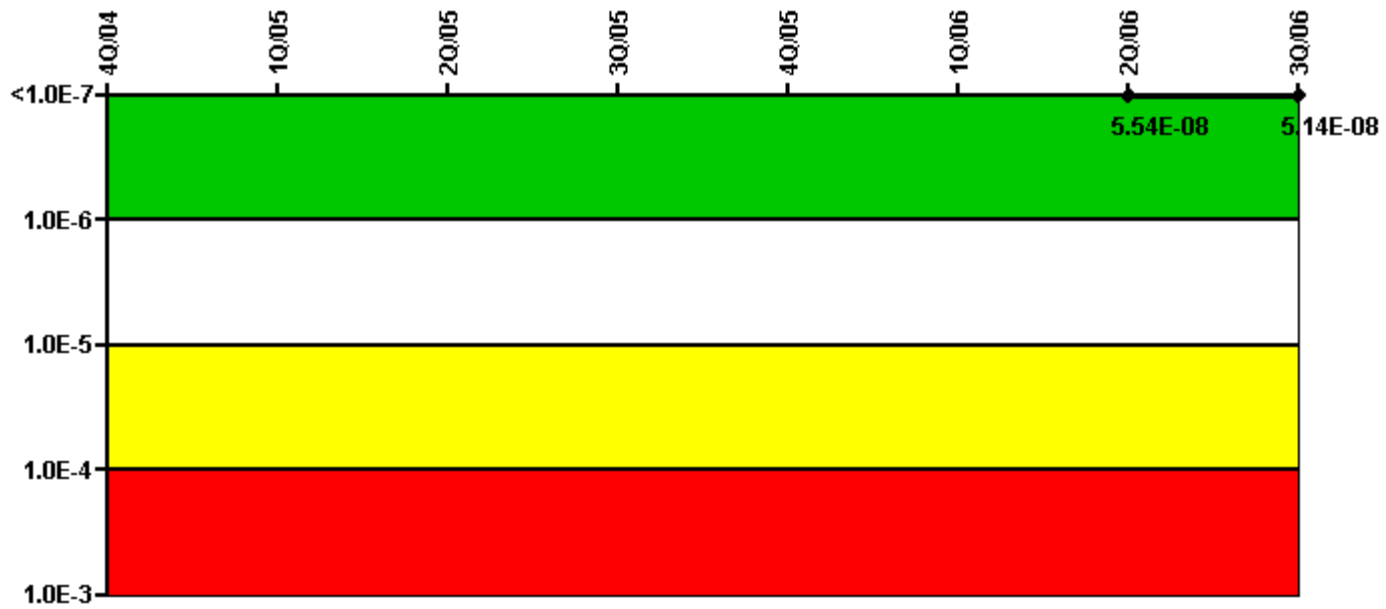
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (ΔCDF)							7.20E-10	-6.90E-11
URI (ΔCDF)							5.10E-09	5.50E-09
PLE							NO	NO
Indicator value							5.82E-09	5.43E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



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

Notes

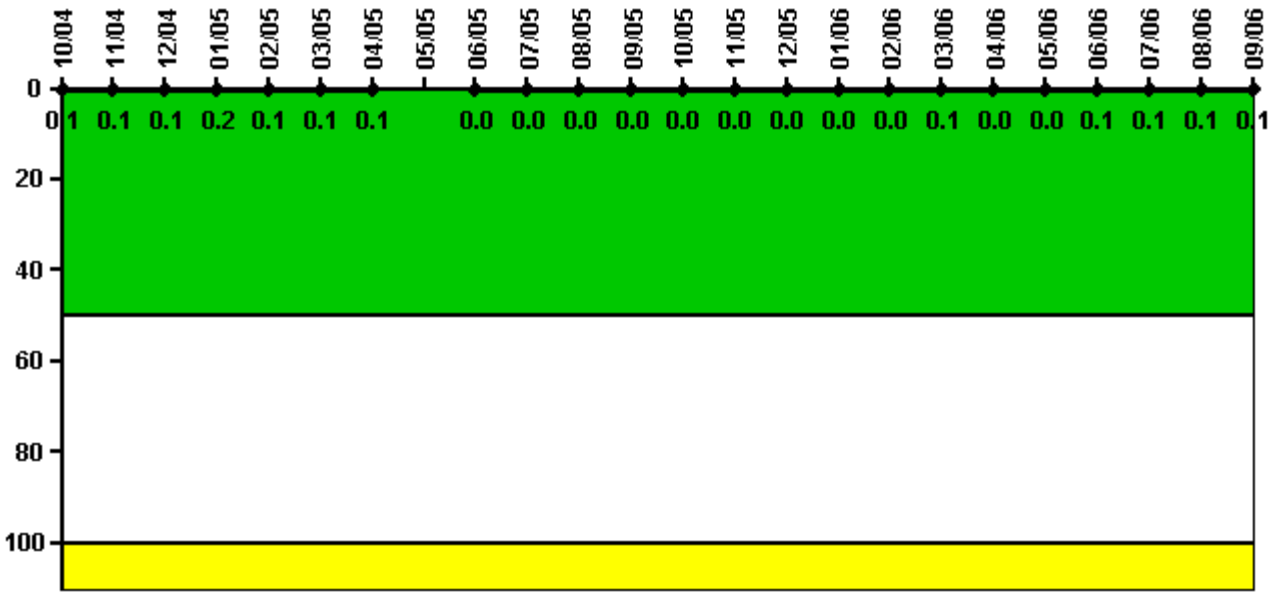
Mitigating Systems Performance Index, Cooling Water Systems	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (ΔCDF)							5.40E-08	5.00E-08
URI (ΔCDF)							1.40E-09	1.40E-09
PLE							NO	NO
Indicator value							5.54E-08	5.14E-08

Licensee Comments:

3Q/06: Changed PRA Parameter(s). The run time FVURC was changed from 1.36E-05 to 1.35E-05.

2Q/06: Changed PRA Parameter(s).

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

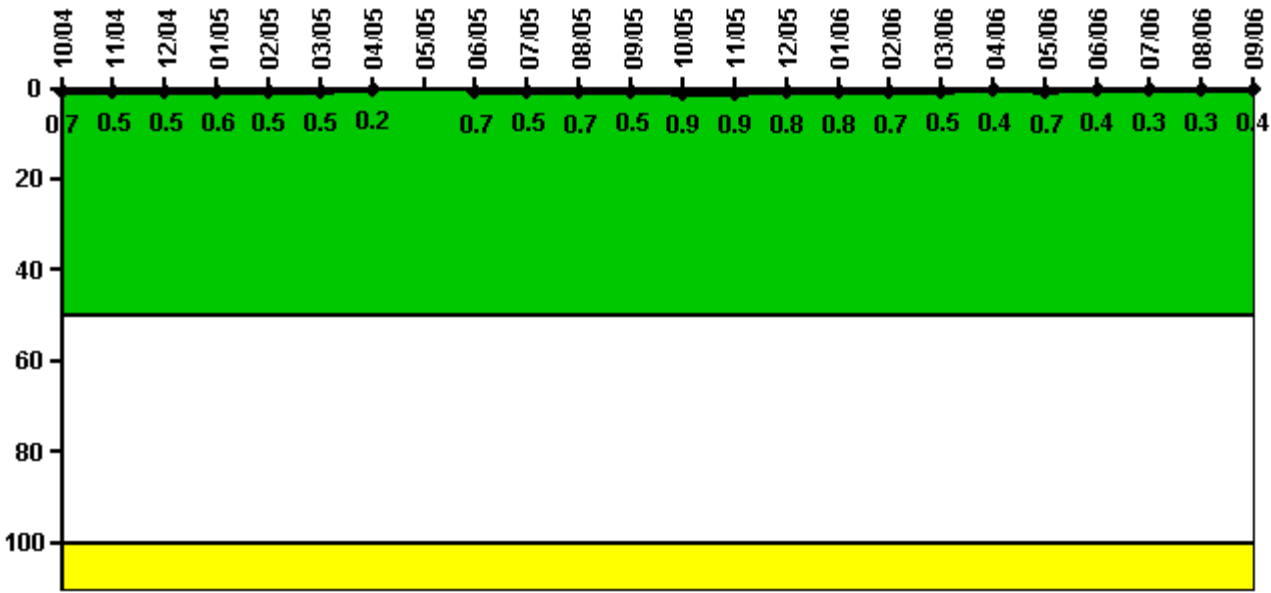
Notes

Reactor Coolant System Activity	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05
Maximum activity	0.000582	0.000605	0.000603	0.001590	0.000660	0.000856	0.000532	N/A	0.000328	0.000329	0.000376	0.000380
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.2	0.1	0.1	0.1	N/A	0	0	0	0

Reactor Coolant System Activity	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06
Maximum activity	0.000391	0.000394	0.000427	0.000430	0.000480	0.000779	0.000478	0.000474	0.000506	0.000671	0.000610	0.000580
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0.1	0	0	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

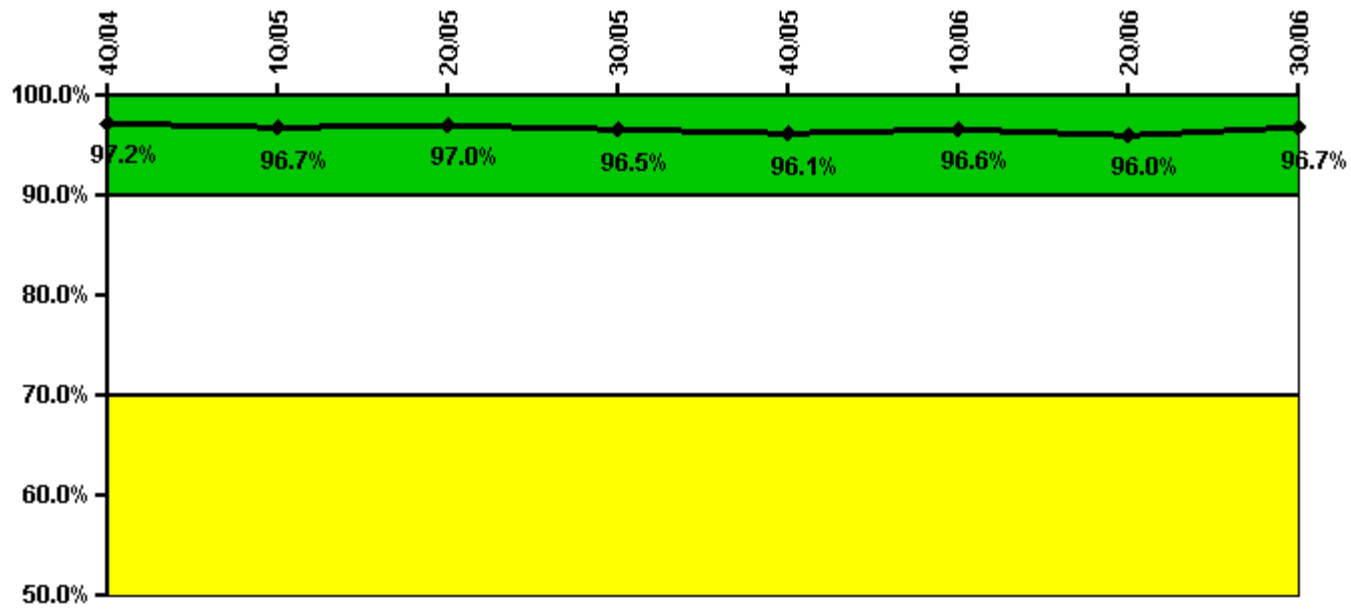
Notes

Reactor Coolant System Leakage	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05
Maximum leakage	0.070	0.050	0.050	0.060	0.050	0.050	0.020	N/A	0.070	0.050	0.070	0.050
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.7	0.5	0.5	0.6	0.5	0.5	0.2	N/A	0.7	0.5	0.7	0.5

Reactor Coolant System Leakage	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06
Maximum leakage	0.090	0.090	0.080	0.080	0.070	0.050	0.040	0.070	0.040	0.030	0.030	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.9	0.9	0.8	0.8	0.7	0.5	0.4	0.7	0.4	0.3	0.3	0.4

Licensee Comments: none

Drill/Exercise Performance



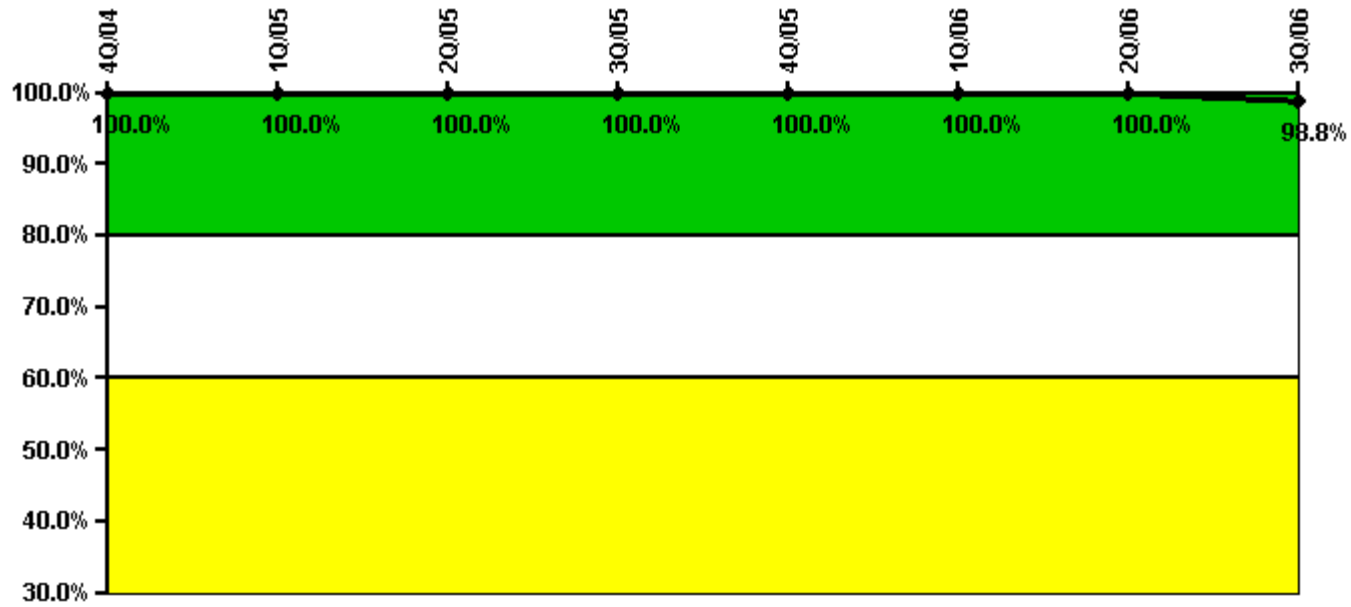
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Successful opportunities	7.0	50.0	25.0	70.0	41.0	75.0	38.0	50.0
Total opportunities	7.0	53.0	25.0	73.0	43.0	75.0	41.0	51.0
Indicator value	97.2%	96.7%	97.0%	96.5%	96.1%	96.6%	96.0%	96.7%

Licensee Comments: none

ERO Drill Participation



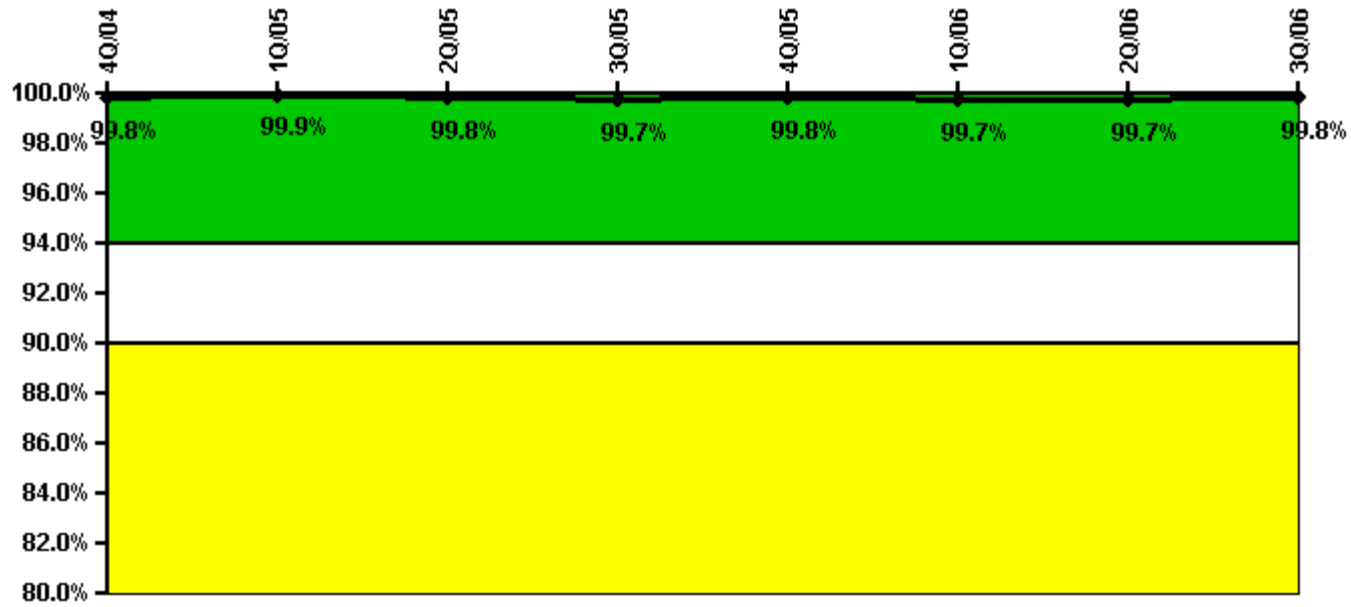
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Participating Key personnel	74.0	67.0	72.0	73.0	80.0	89.0	90.0	83.0
Total Key personnel	74.0	67.0	72.0	73.0	80.0	89.0	90.0	84.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	98.8%

Licensee Comments: none

Alert & Notification System



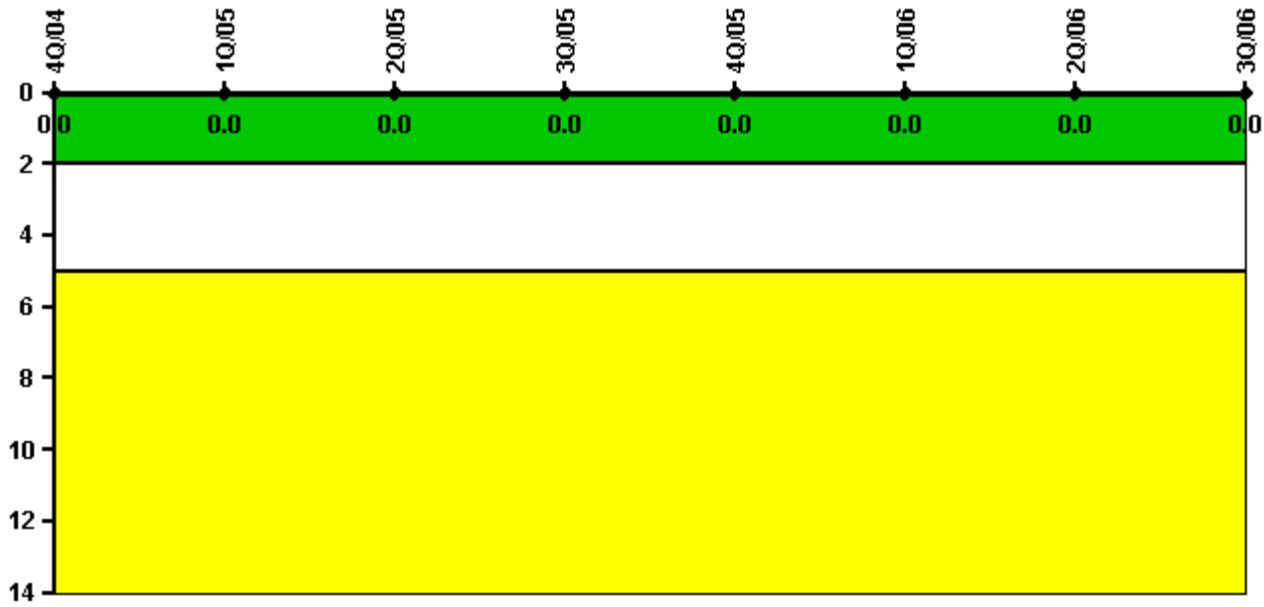
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Successful siren-tests	375	282	375	327	376	328	422	328
Total sirens-tests	376	282	376	329	376	329	423	329
Indicator value	99.8%	99.9%	99.8%	99.7%	99.8%	99.7%	99.7%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



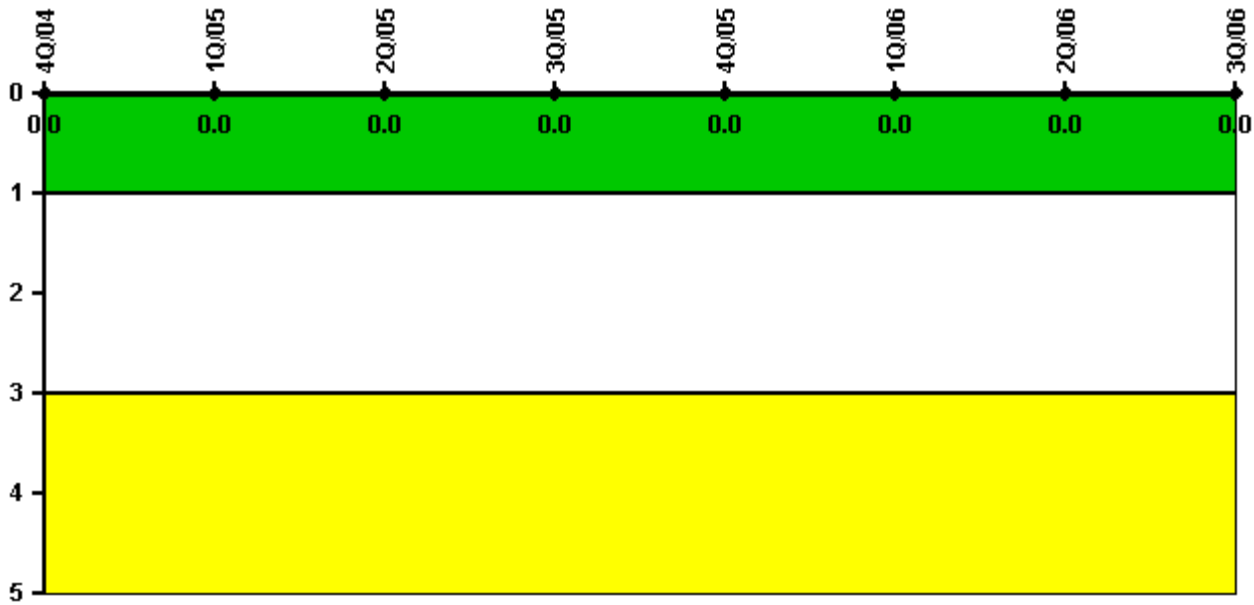
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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

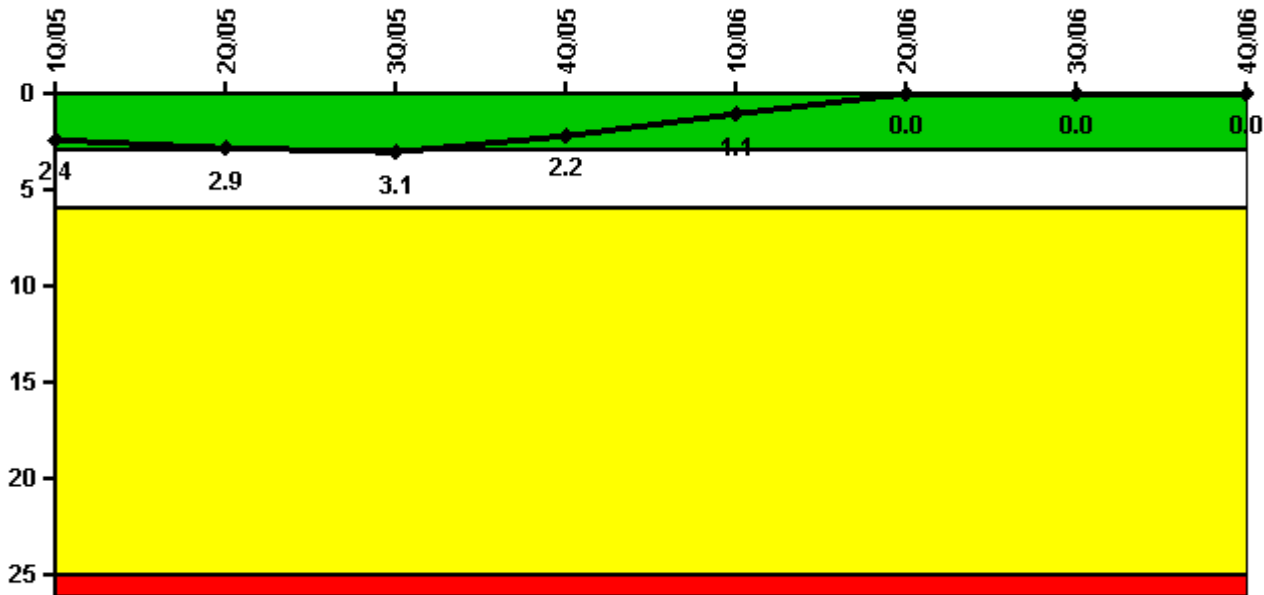
[Physical Protection](#) information not publicly available.

Turkey Point 4

4Q/2006 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



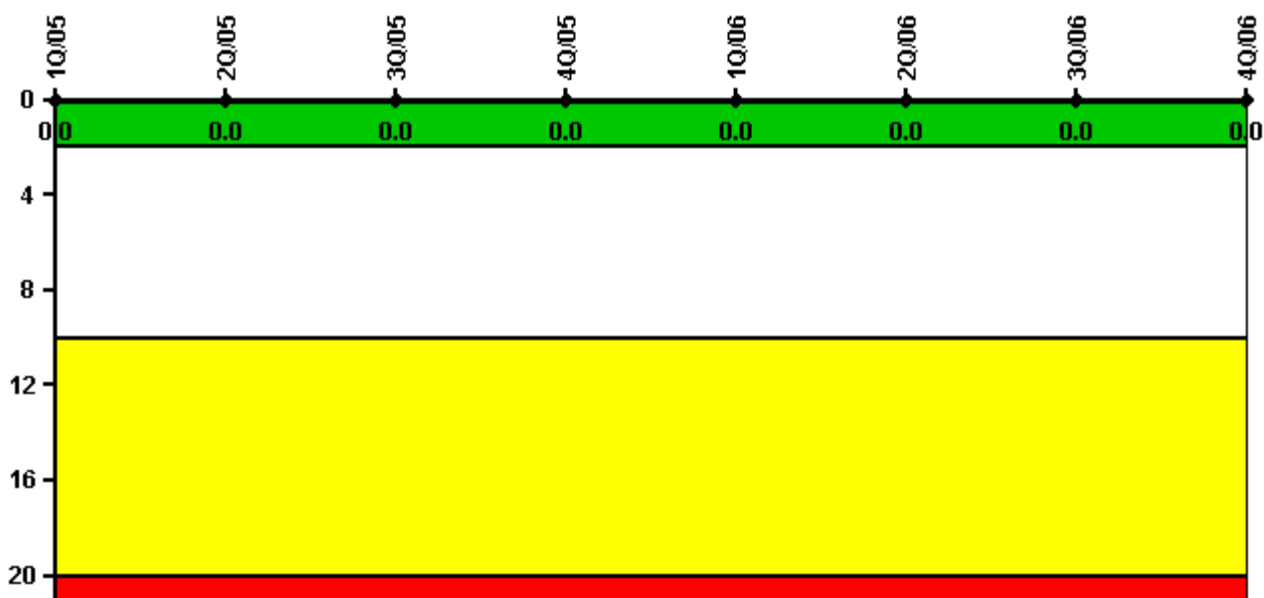
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	1.0	0	0	0	0	0	0
Critical hours	2118.3	619.6	1911.4	1756.1	2135.4	2109.4	2208.0	1268.0
Indicator value	2.4	2.9	3.1	2.2	1.1	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



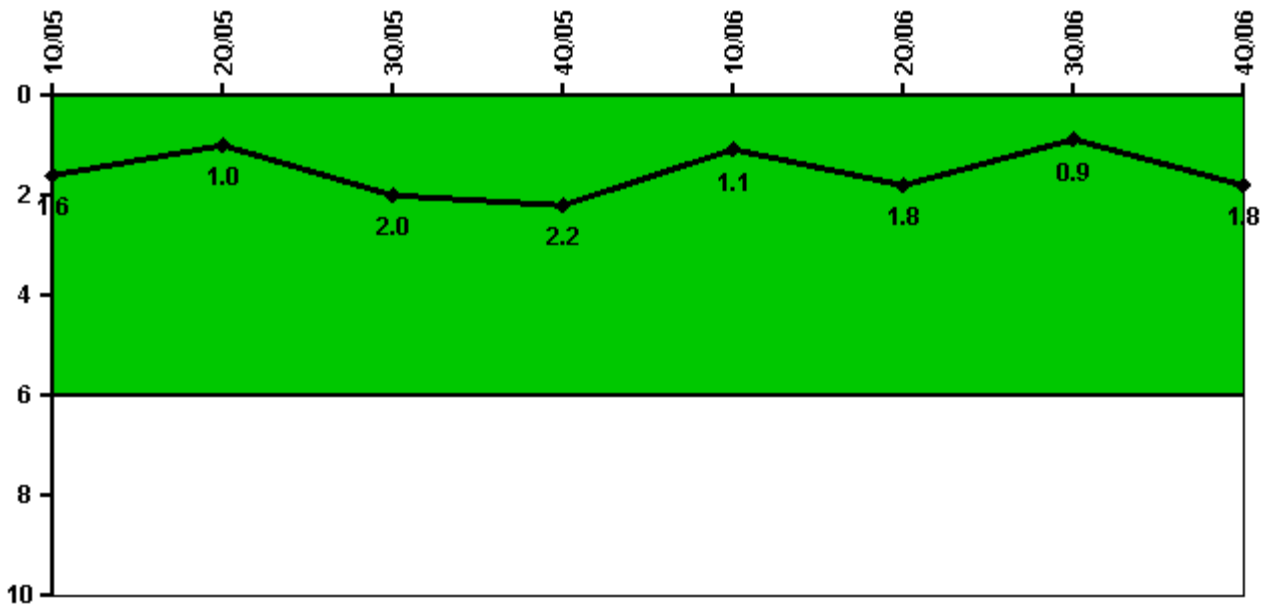
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

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	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



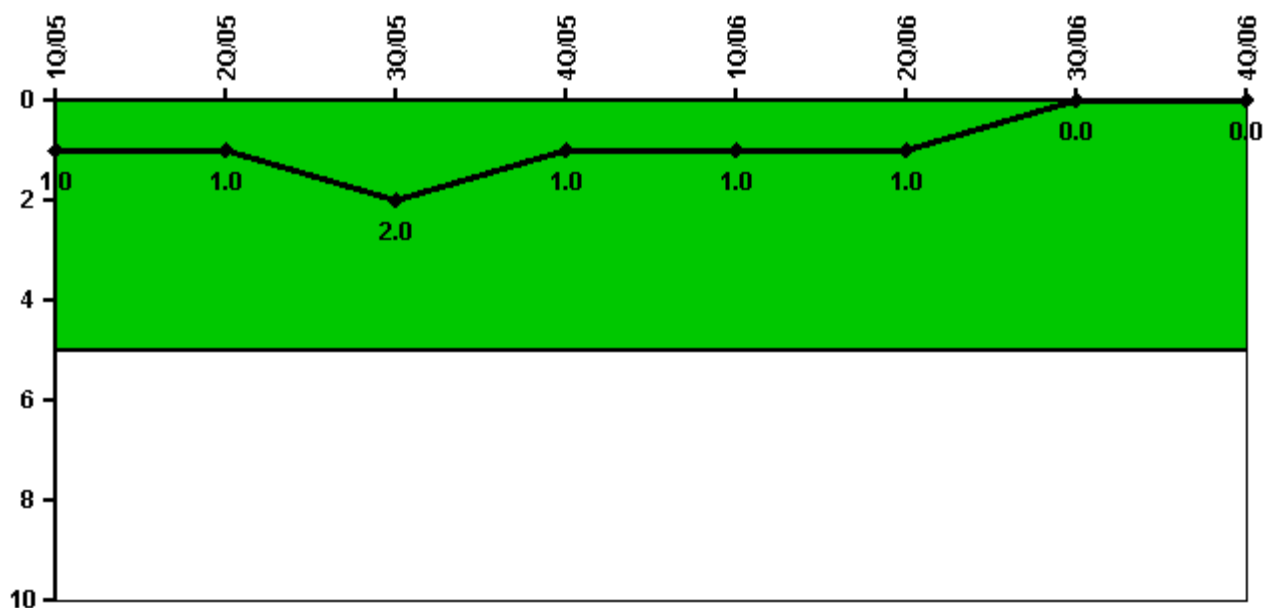
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Unplanned power changes	1.0	0	1.0	0	0	1.0	0	1.0
Critical hours	2118.3	619.6	1911.4	1756.1	2135.4	2109.4	2208.0	1268.0
Indicator value	1.6	1.0	2.0	2.2	1.1	1.8	0.9	1.8

Licensee Comments: none

Safety System Functional Failures (PWR)



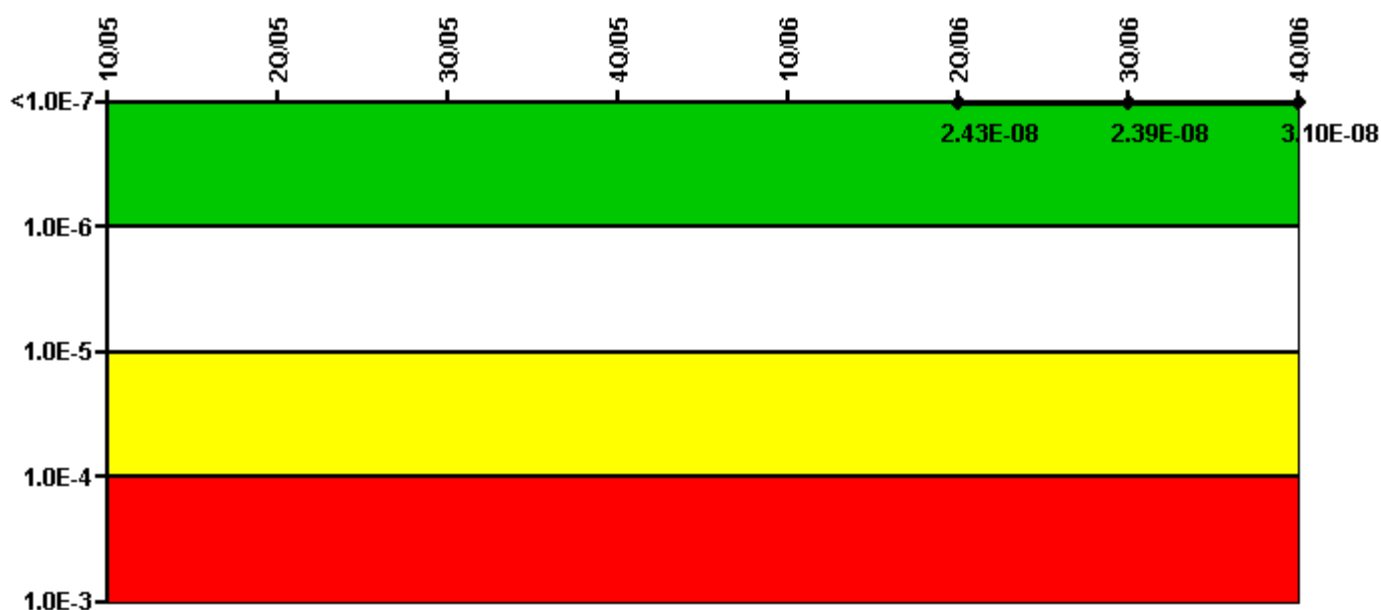
Thresholds: White > 5.0

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



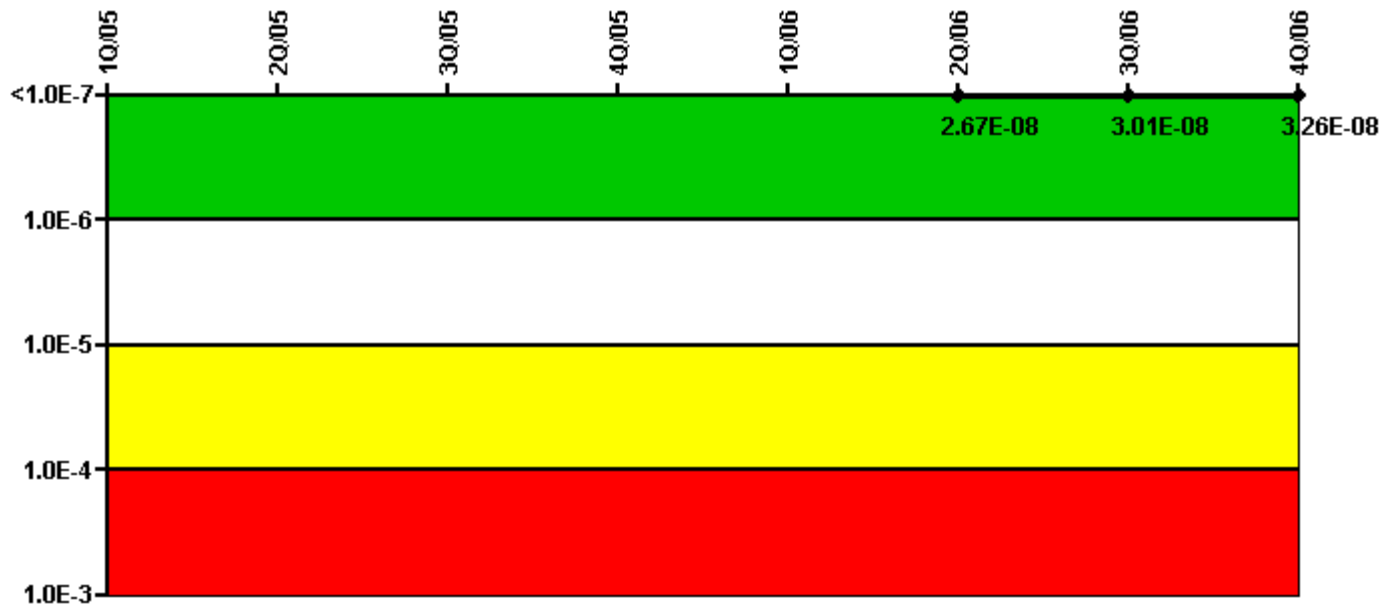
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (Δ CDF)						2.30E-09	1.90E-09	1.10E-08
URI (Δ CDF)						2.20E-08	2.20E-08	2.00E-08
PLE						NO	NO	NO
Indicator value						2.43E-08	2.39E-08	3.10E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



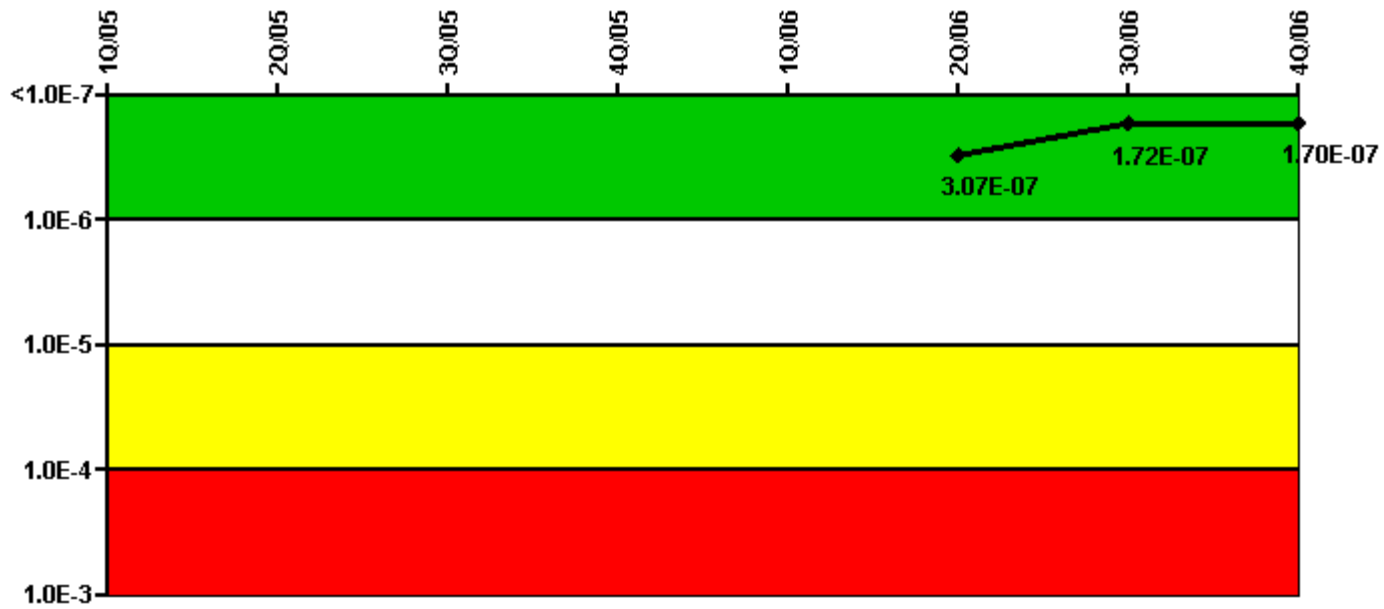
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (ΔCDF)						-5.30E-09	-9.10E-10	2.60E-09
URI (ΔCDF)						3.20E-08	3.10E-08	3.00E-08
PLE						NO	NO	NO
Indicator value						2.67E-08	3.01E-08	3.26E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



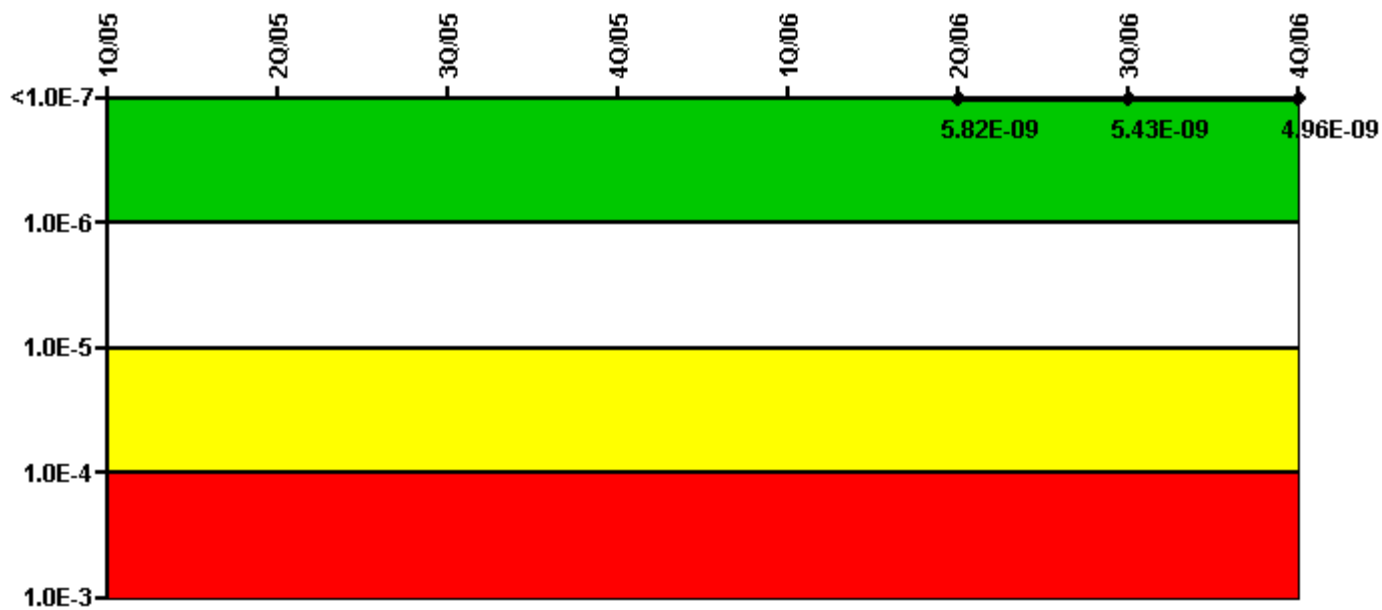
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (ΔCDF)						6.90E-09	2.20E-09	9.00E-11
URI (ΔCDF)						3.00E-07	1.70E-07	1.70E-07
PLE						NO	NO	NO
Indicator value						3.07E-07	1.72E-07	1.70E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



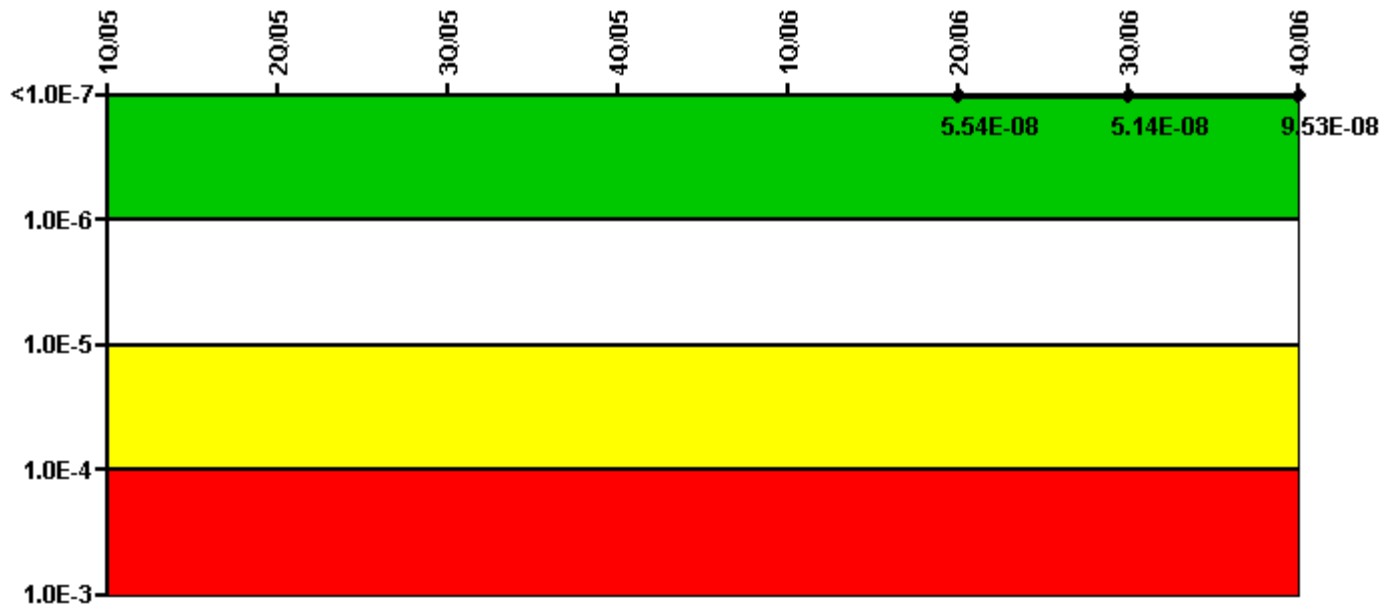
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (ΔCDF)						7.20E-10	-6.90E-11	-3.80E-11
URI (ΔCDF)						5.10E-09	5.50E-09	5.00E-09
PLE						NO	NO	NO
Indicator value						5.82E-09	5.43E-09	4.96E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



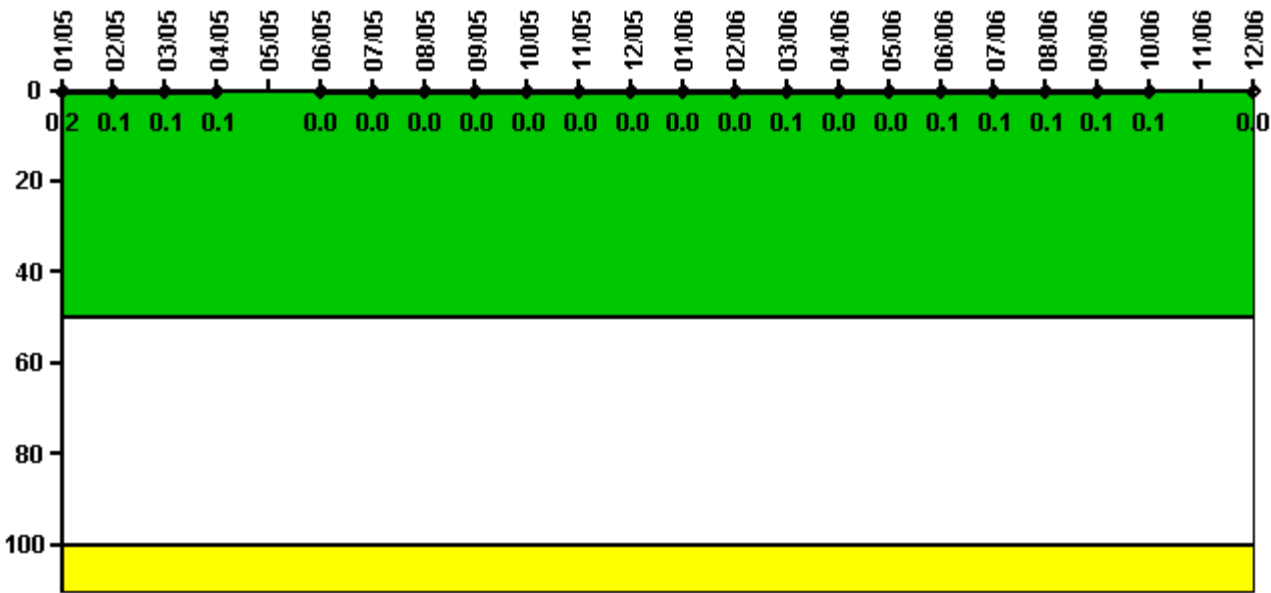
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (ΔCDF)						5.40E-08	5.00E-08	9.40E-08
URI (ΔCDF)						1.40E-09	1.40E-09	1.30E-09
PLE						NO	NO	NO
Indicator value						5.54E-08	5.14E-08	9.53E-08

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

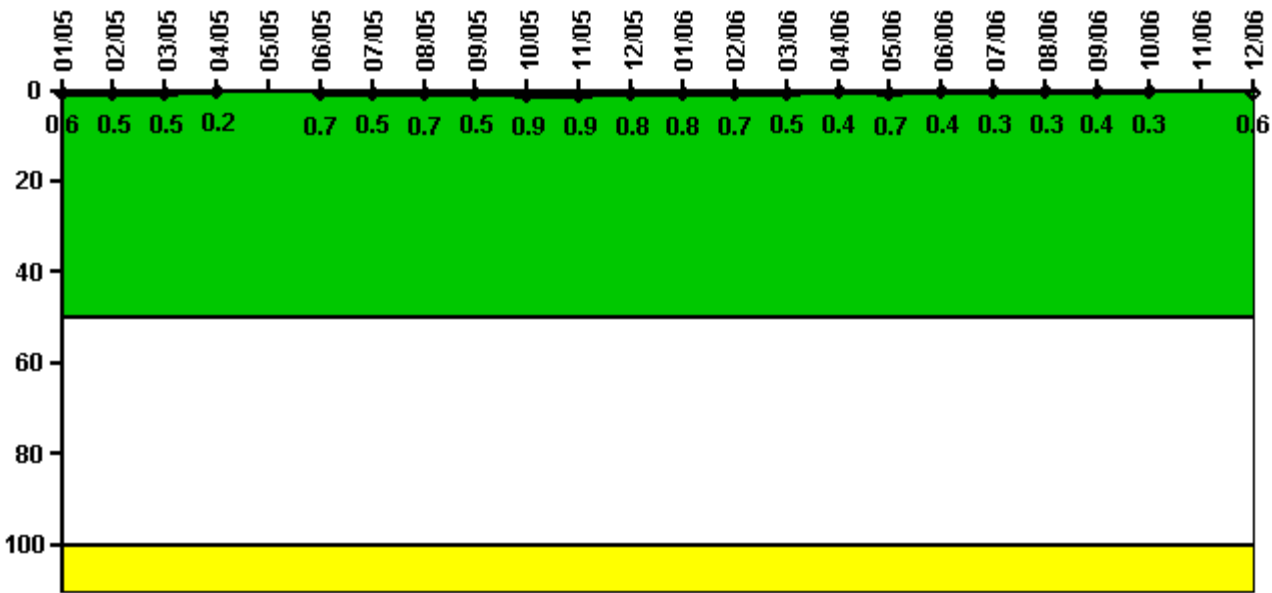
Notes

Reactor Coolant System Activity	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05
Maximum activity	0.001590	0.000660	0.000856	0.000532	N/A	0.000328	0.000329	0.000376	0.000380	0.000391	0.000394	0.000427
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.2	0.1	0.1	0.1	N/A	0	0	0	0	0	0	0

Reactor Coolant System Activity	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06
Maximum activity	0.000430	0.000480	0.000779	0.000478	0.000474	0.000506	0.000671	0.000610	0.000580	0.000641	N/A	0.000336
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0.1	0	0	0.1	0.1	0.1	0.1	0.1	N/A	0

Licensee Comments: none

Reactor Coolant System Leakage



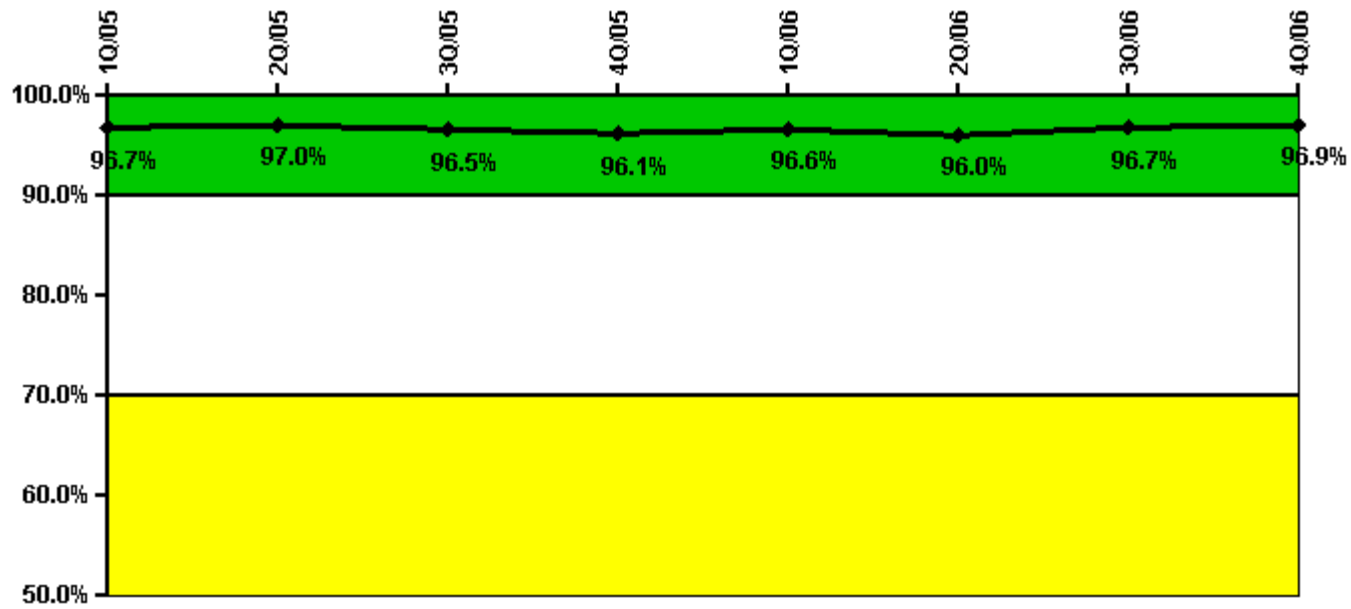
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05
Maximum leakage	0.060	0.050	0.050	0.020	N/A	0.070	0.050	0.070	0.050	0.090	0.090	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	0.6	0.5	0.5	0.2	N/A	0.7	0.5	0.7	0.5	0.9	0.9	0.8

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	0.080	0.070	0.050	0.040	0.070	0.040	0.030	0.030	0.040	0.030	N/A	0.060
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.8	0.7	0.5	0.4	0.7	0.4	0.3	0.3	0.4	0.3	N/A	0.6

Licensee Comments: none

Drill/Exercise Performance

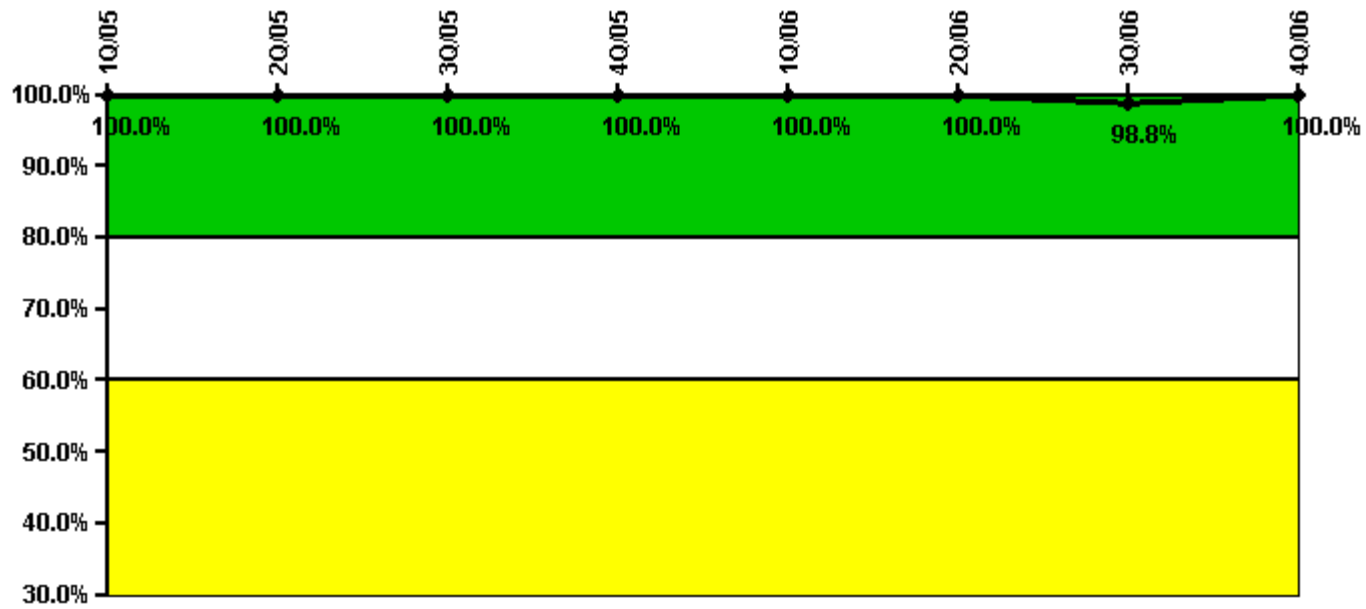
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Successful opportunities	50.0	25.0	70.0	41.0	75.0	38.0	50.0	22.0
Total opportunities	53.0	25.0	73.0	43.0	75.0	41.0	51.0	22.0
Indicator value	96.7%	97.0%	96.5%	96.1%	96.6%	96.0%	96.7%	96.9%

Licensee Comments: none

ERO Drill Participation



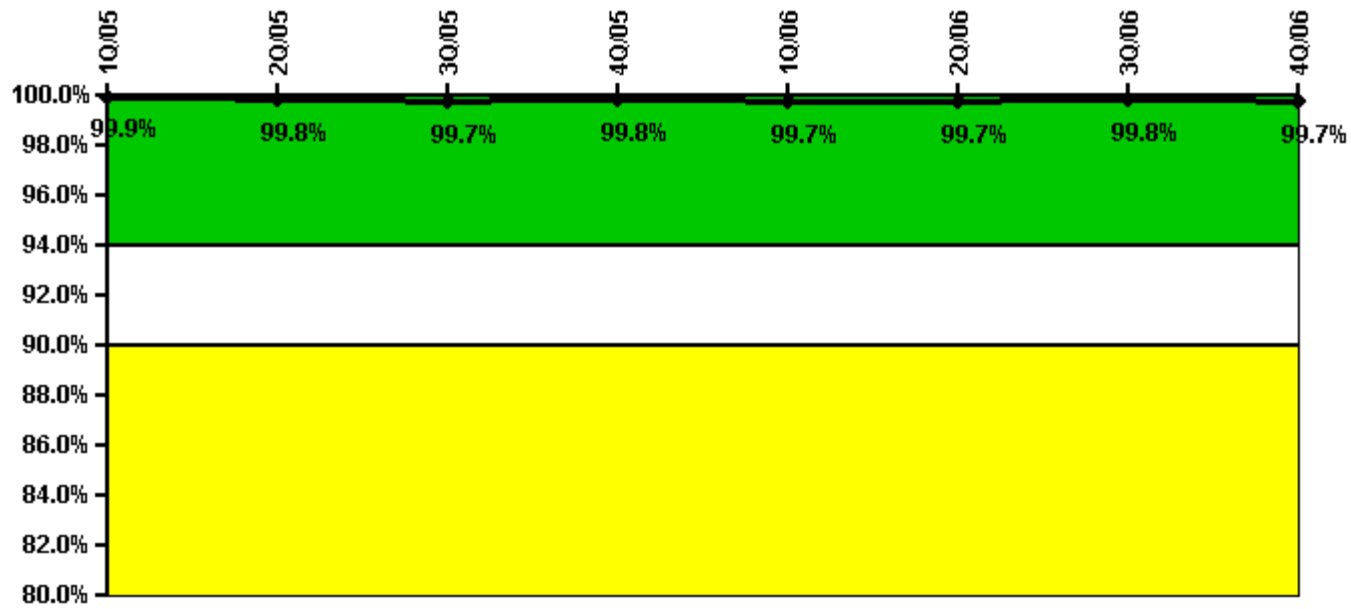
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Participating Key personnel	67.0	72.0	73.0	80.0	89.0	90.0	83.0	84.0
Total Key personnel	67.0	72.0	73.0	80.0	89.0	90.0	84.0	84.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	98.8%	100.0%

Licensee Comments: none

Alert & Notification System



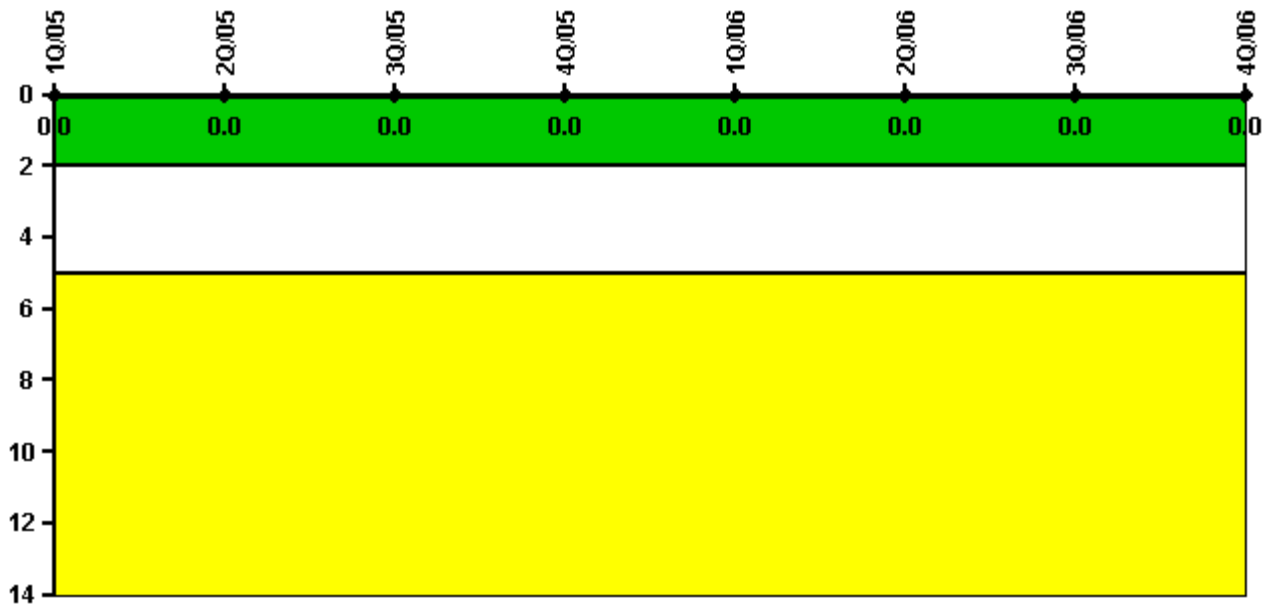
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Successful siren-tests	282	375	327	376	328	422	328	374
Total sirens-tests	282	376	329	376	329	423	329	376
Indicator value	99.9%	99.8%	99.7%	99.8%	99.7%	99.7%	99.8%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



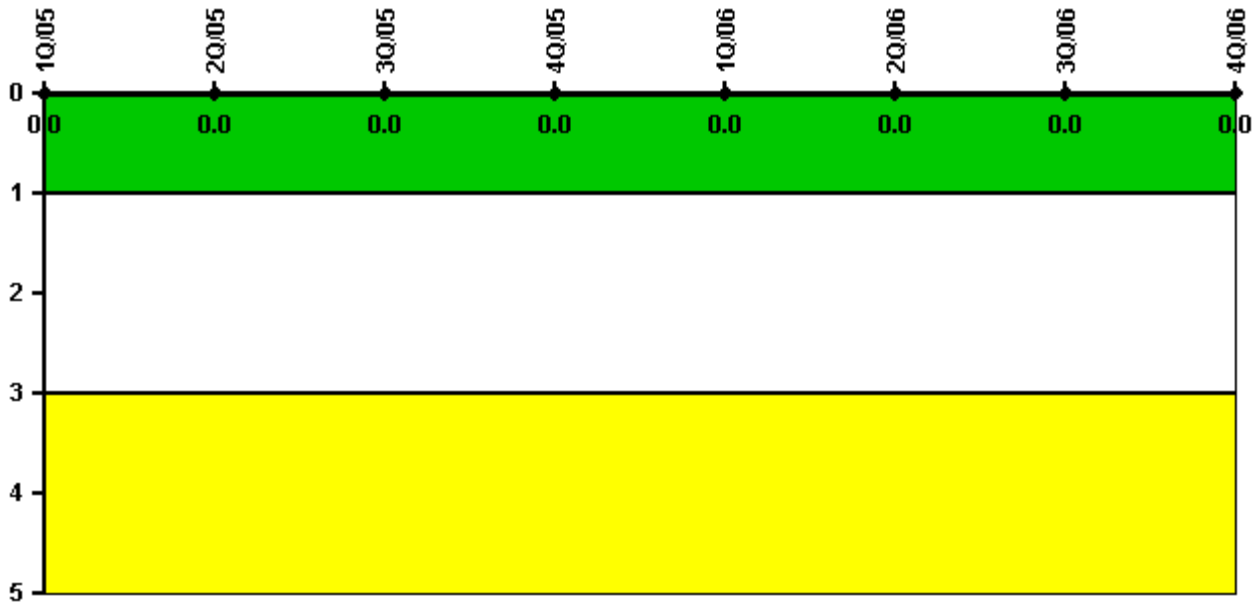
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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

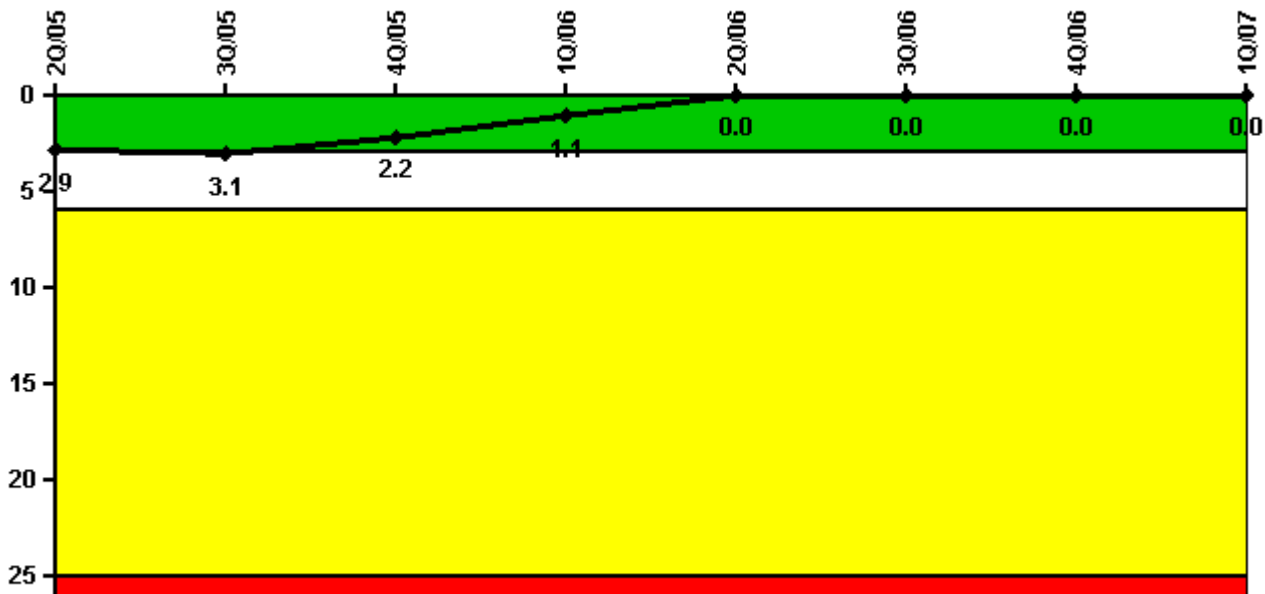
[Physical Protection](#) information not publicly available.

Turkey Point 4

1Q/2007 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Unplanned scrams	1.0	0	0	0	0	0	0	0
Critical hours	619.6	1911.4	1756.1	2135.4	2109.4	2208.0	1268.0	2096.8
Indicator value	2.9	3.1	2.2	1.1	0	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



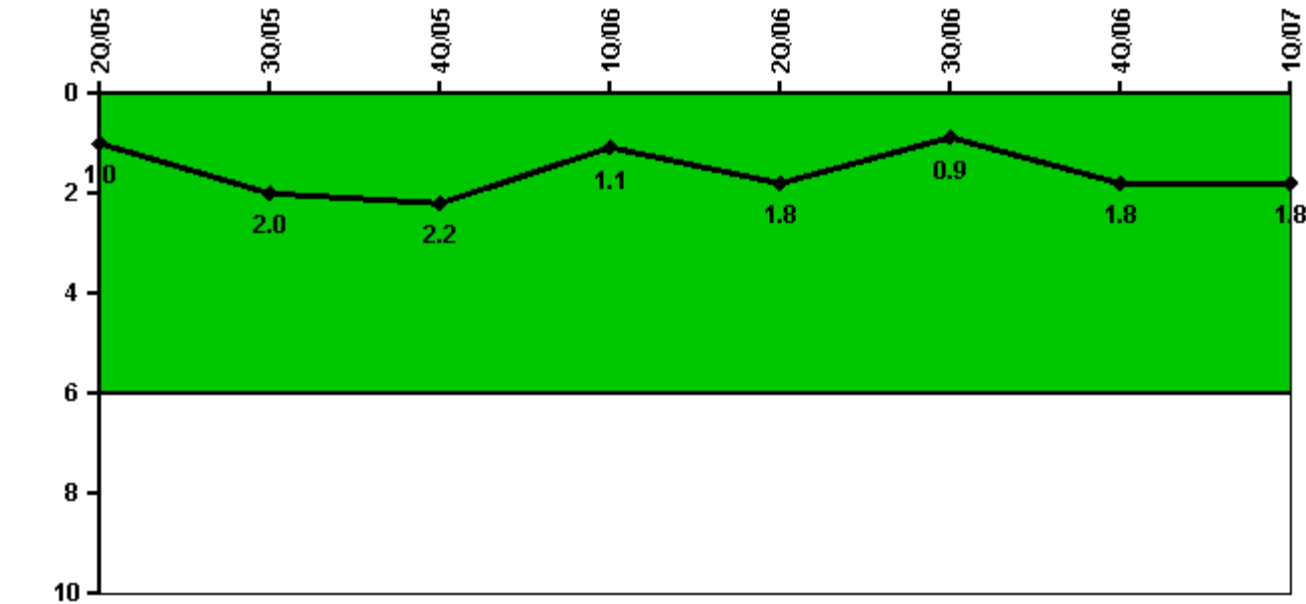
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

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	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



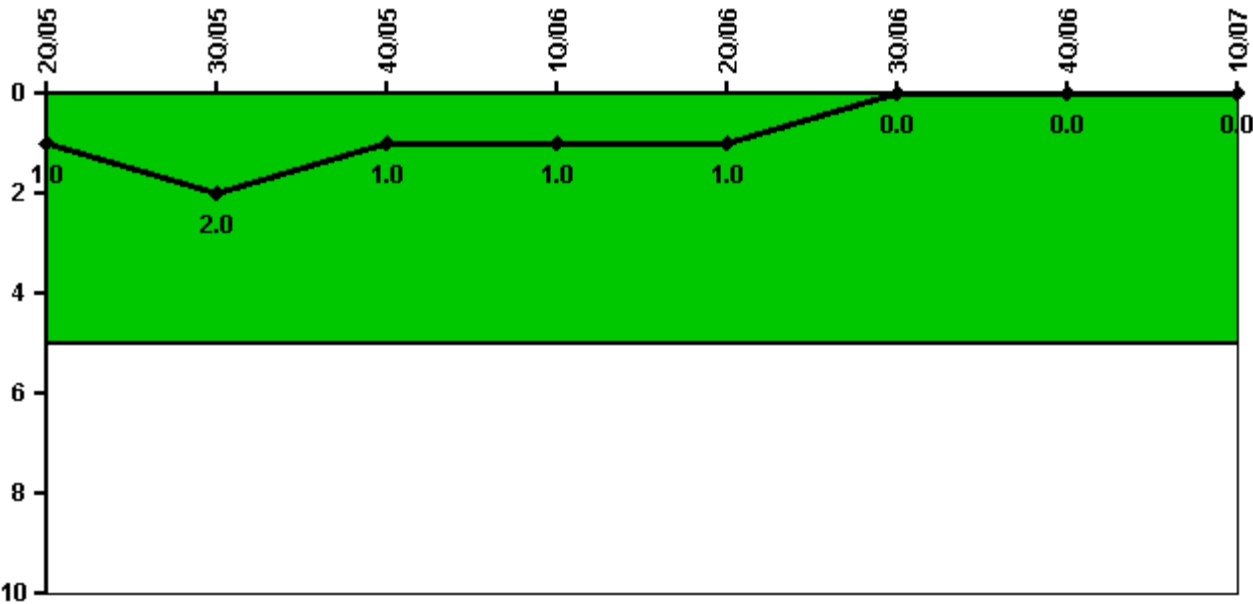
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Unplanned power changes	0	1.0	0	0	1.0	0	1.0	0
Critical hours	619.6	1911.4	1756.1	2135.4	2109.4	2208.0	1268.0	2096.8
Indicator value	1.0	2.0	2.2	1.1	1.8	0.9	1.8	1.8

Licensee Comments: none

Safety System Functional Failures (PWR)



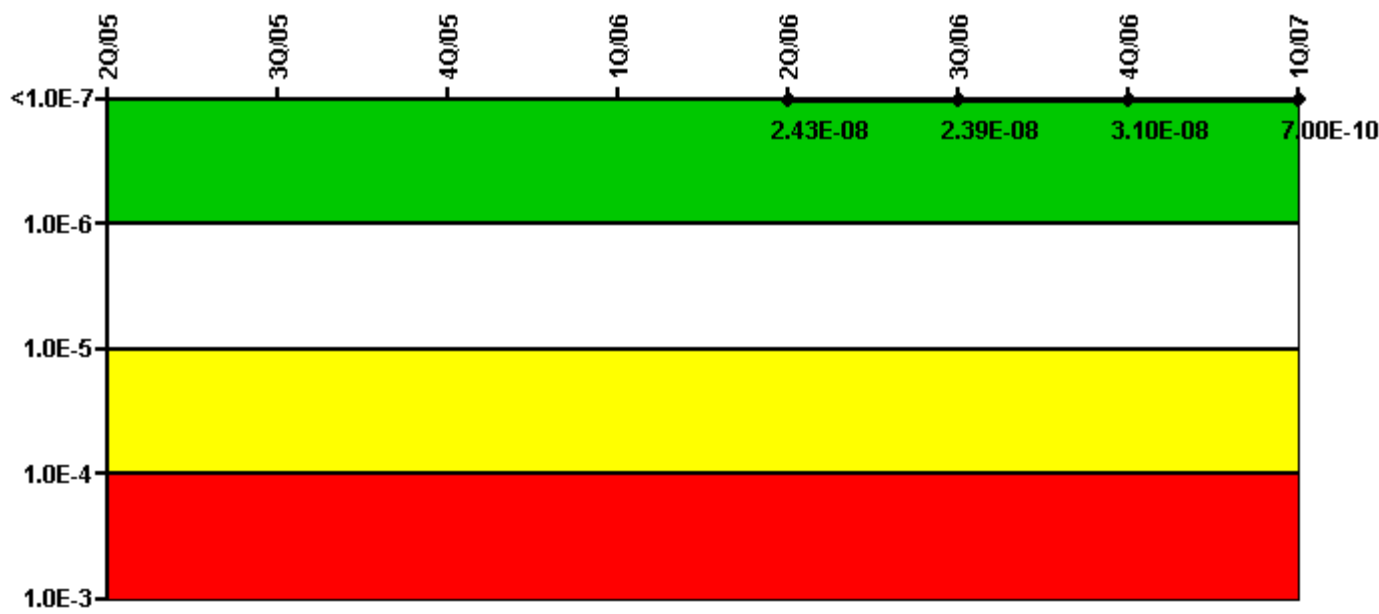
Thresholds: White > 5.0

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



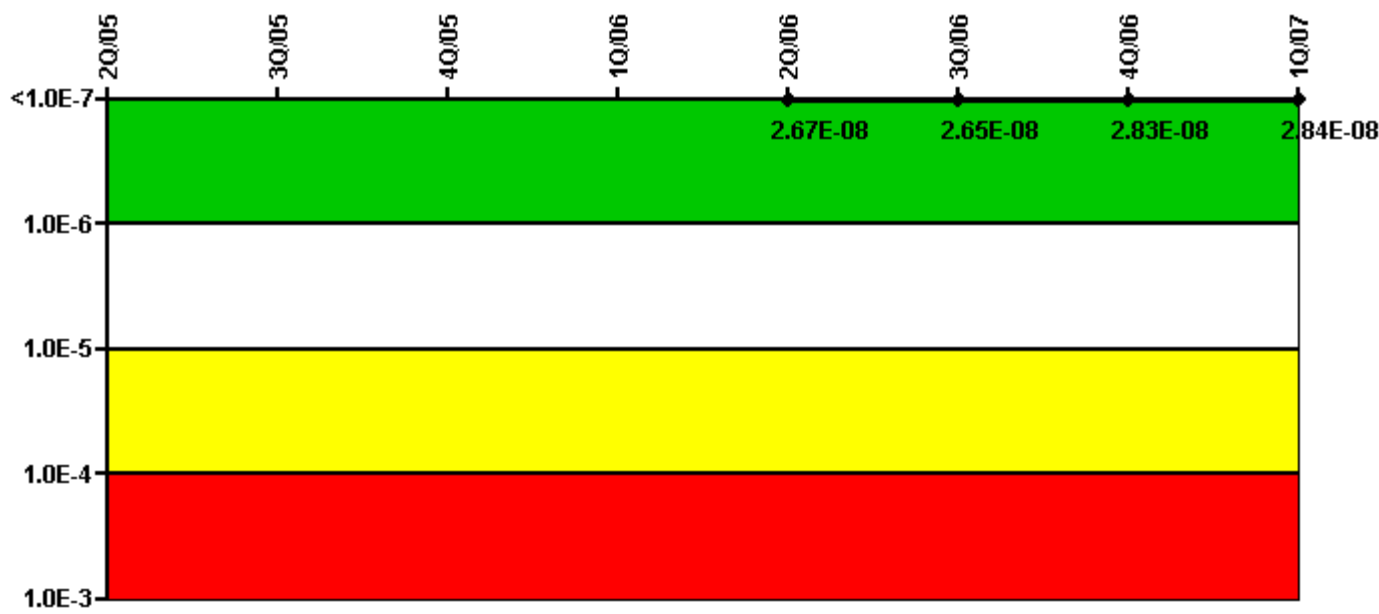
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (ACDF)					2.30E-09	1.90E-09	1.10E-08	3.50E-09
URI (ACDF)					2.20E-08	2.20E-08	2.00E-08	-2.80E-09
PLE					NO	NO	NO	NO
Indicator value					2.43E-08	2.39E-08	3.10E-08	7.00E-10

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



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

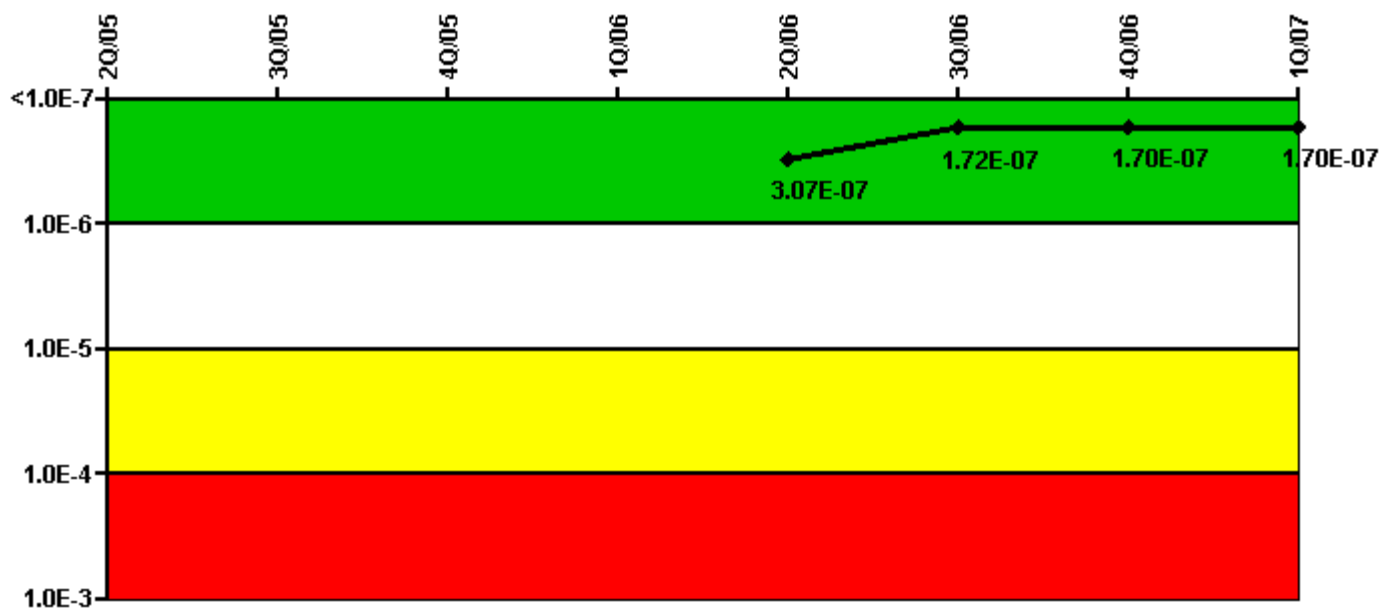
Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (ΔCDF)					-5.30E-09	-4.50E-09	-1.70E-09	-1.60E-09
URI (ΔCDF)					3.20E-08	3.10E-08	3.00E-08	3.00E-08
PLE					NO	NO	NO	NO
Indicator value					2.67E-08	2.65E-08	2.83E-08	2.84E-08

Licensee Comments:

3Q/06: The unavailability data for August 2006 was revised to remove erroneous unavailability data.

Mitigating Systems Performance Index, Heat Removal System



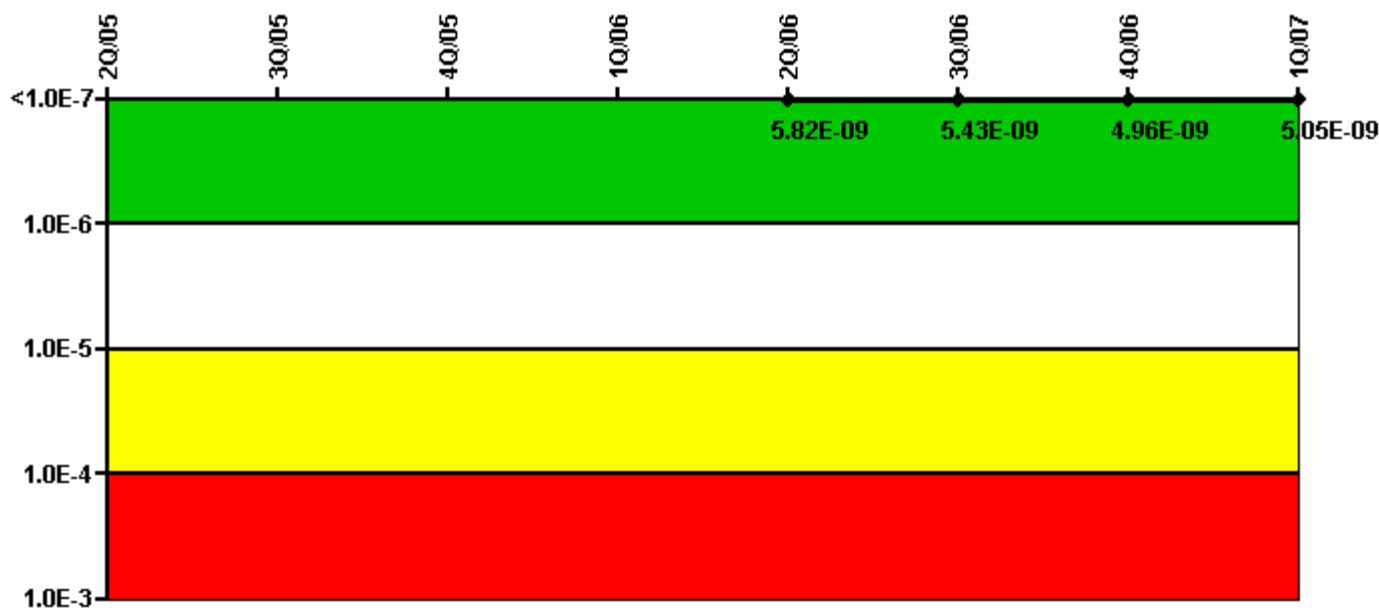
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)					6.90E-09	2.20E-09	9.00E-11	1.20E-10
URI (ΔCDF)					3.00E-07	1.70E-07	1.70E-07	1.70E-07
PLE					NO	NO	NO	NO
Indicator value					3.07E-07	1.72E-07	1.70E-07	1.70E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



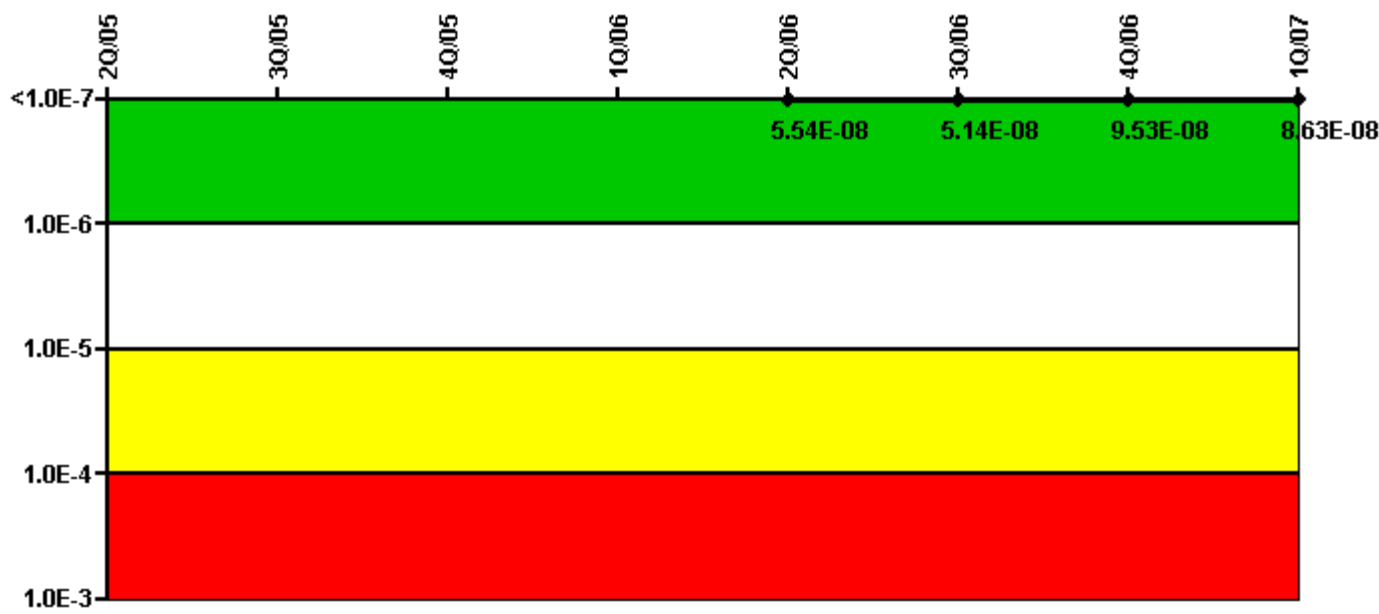
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (ACDF)					7.20E-10	-6.90E-11	-3.80E-11	-5.20E-11
URI (ACDF)					5.10E-09	5.50E-09	5.00E-09	5.10E-09
PLE					NO	NO	NO	NO
Indicator value					5.82E-09	5.43E-09	4.96E-09	5.05E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



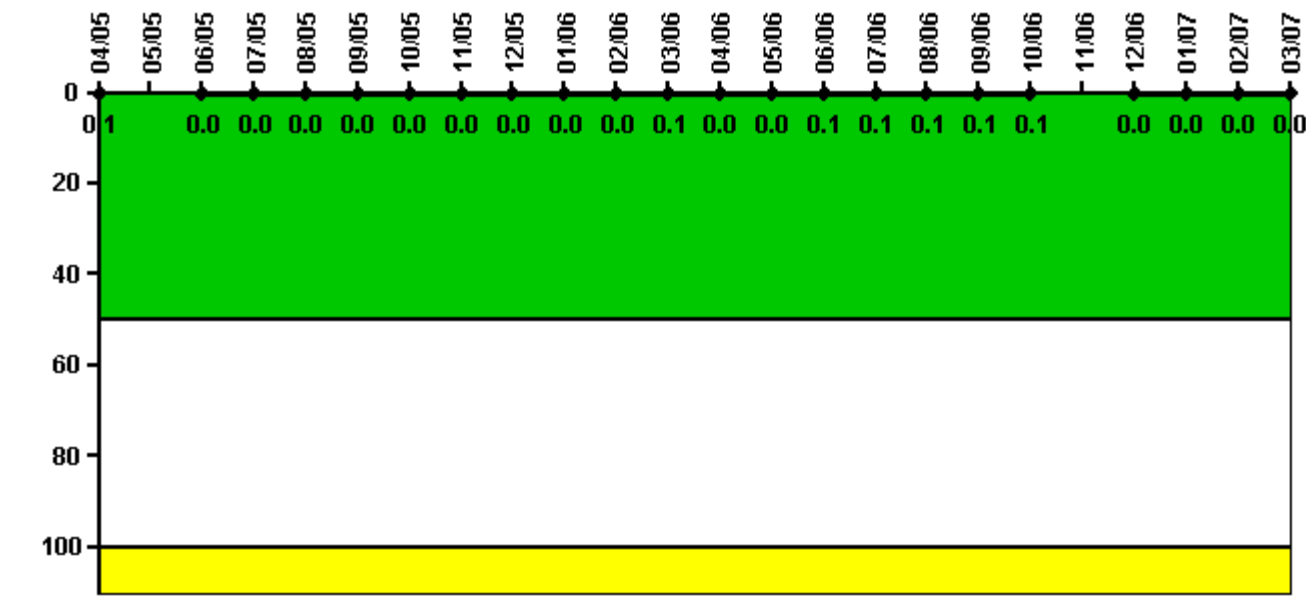
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (ΔCDF)					5.40E-08	5.00E-08	9.40E-08	8.50E-08
URI (ΔCDF)					1.40E-09	1.40E-09	1.30E-09	1.30E-09
PLE					NO	NO	NO	NO
Indicator value					5.54E-08	5.14E-08	9.53E-08	8.63E-08

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

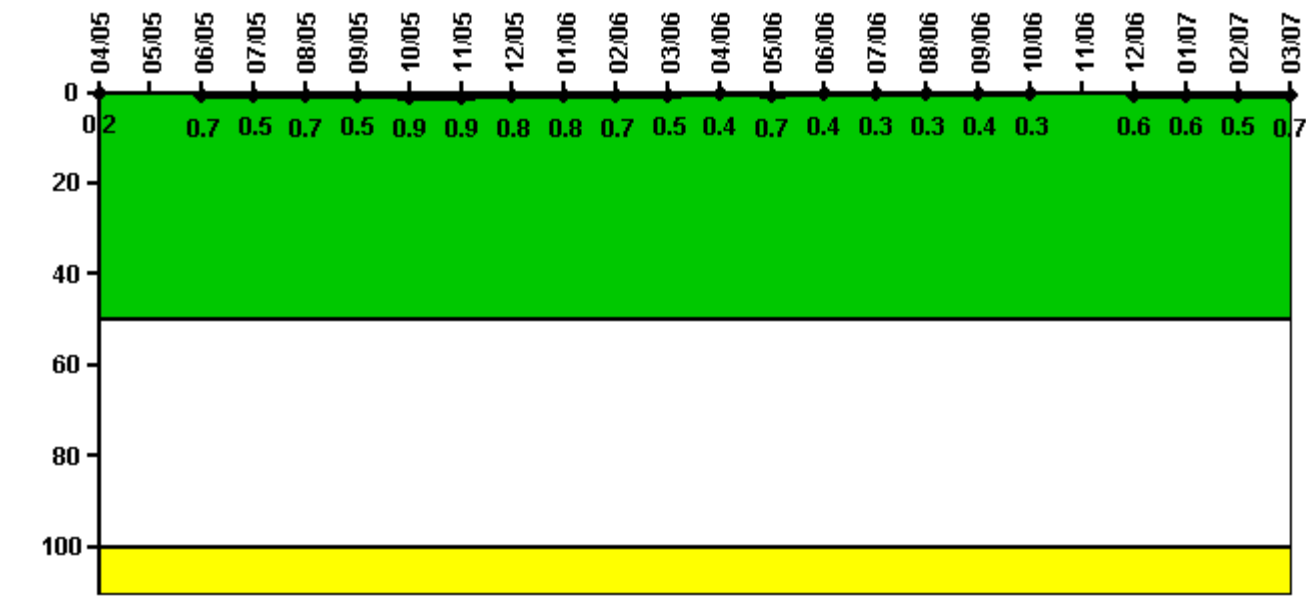
Notes

Reactor Coolant System Activity	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06
Maximum activity	0.000532	N/A	0.000328	0.000329	0.000376	0.000380	0.000391	0.000394	0.000427	0.000430	0.000480	0.000779
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	N/A	0	0	0	0	0	0	0	0	0	0.1

Reactor Coolant System Activity	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07
Maximum activity	0.000478	0.000474	0.000506	0.000671	0.000610	0.000580	0.000641	N/A	0.000336	0.000305	0.000336	0.000366
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0.1	0.1	0.1	0.1	0.1	N/A	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

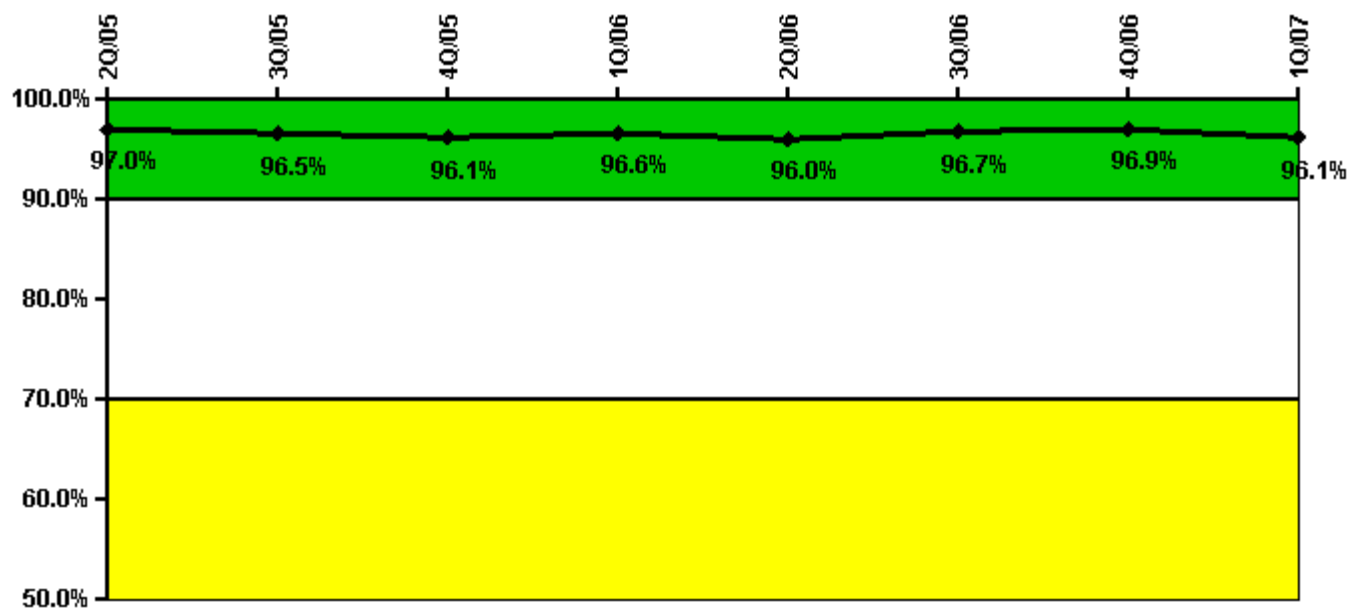
Notes

Reactor Coolant System Leakage	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06
Maximum leakage	0.020	N/A	0.070	0.050	0.070	0.050	0.090	0.090	0.080	0.080	0.070	0.050
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	N/A	0.7	0.5	0.7	0.5	0.9	0.9	0.8	0.8	0.7	0.5

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	0.040	0.070	0.040	0.030	0.030	0.040	0.030	N/A	0.060	0.060	0.050	0.070
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.7	0.4	0.3	0.3	0.4	0.3	N/A	0.6	0.6	0.5	0.7

Licensee Comments: none

Drill/Exercise Performance



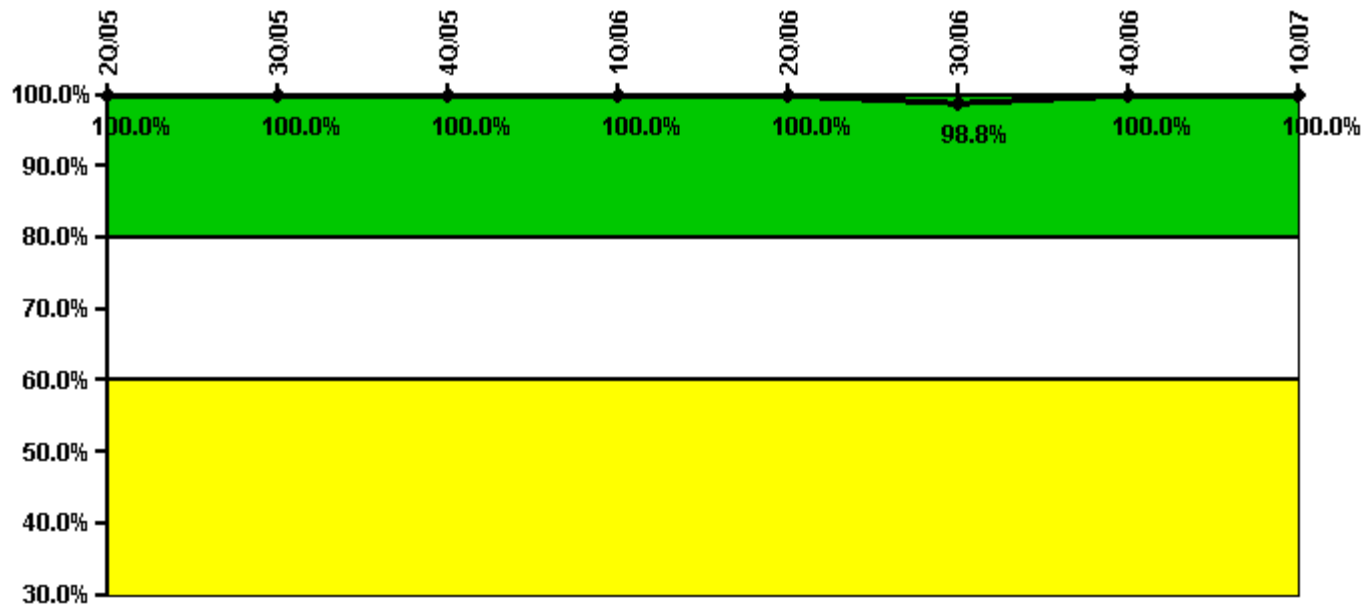
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Successful opportunities	25.0	70.0	41.0	75.0	38.0	50.0	22.0	72.0
Total opportunities	25.0	73.0	43.0	75.0	41.0	51.0	22.0	79.0
Indicator value	97.0%	96.5%	96.1%	96.6%	96.0%	96.7%	96.9%	96.1%

Licensee Comments: none

ERO Drill Participation



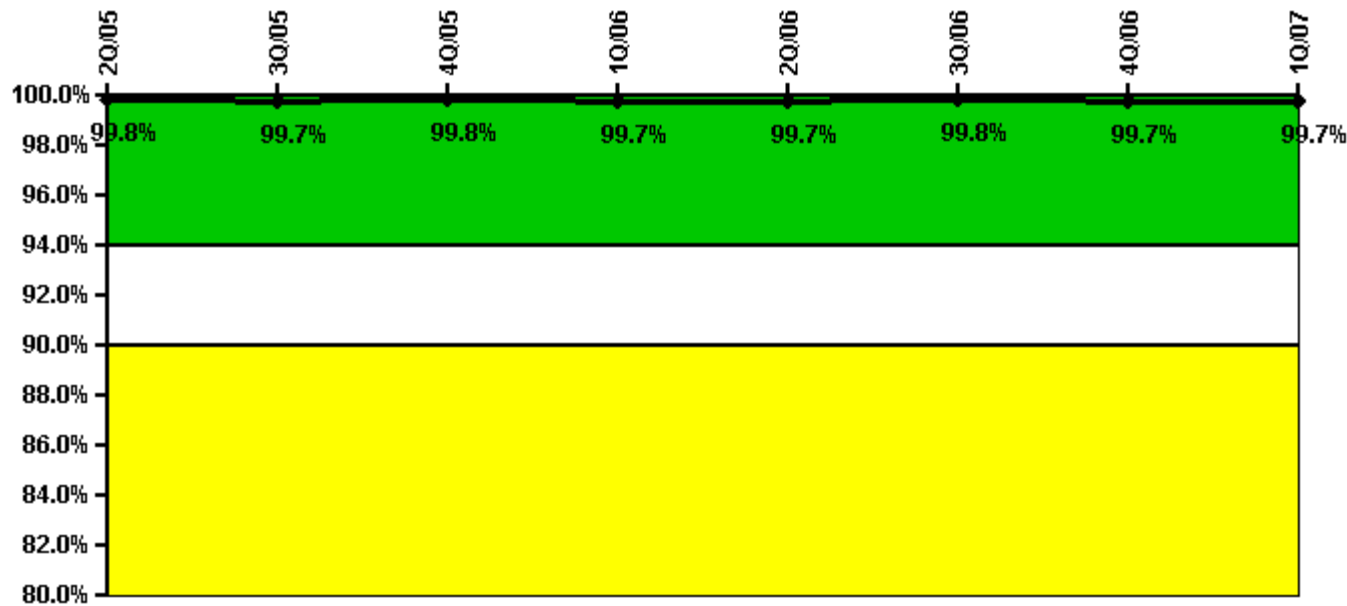
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Participating Key personnel	72.0	73.0	80.0	89.0	90.0	83.0	84.0	83.0
Total Key personnel	72.0	73.0	80.0	89.0	90.0	84.0	84.0	83.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	98.8%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



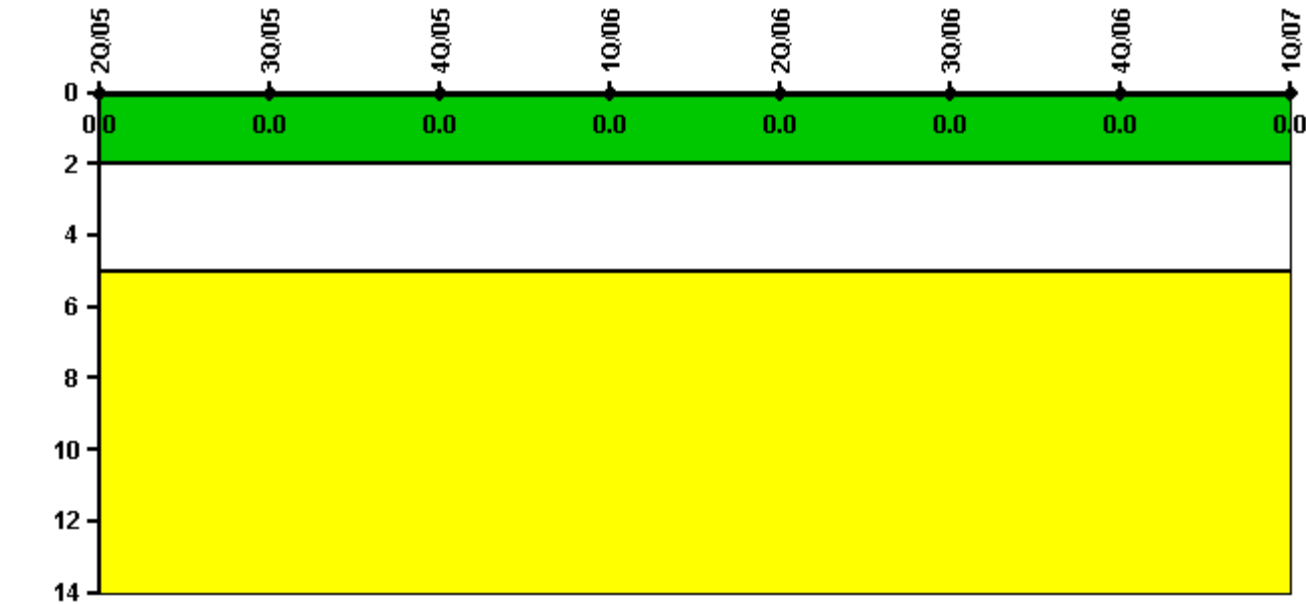
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Successful siren-tests	375	327	376	328	422	328	374	328
Total sirens-tests	376	329	376	329	423	329	376	329
Indicator value	99.8%	99.7%	99.8%	99.7%	99.7%	99.8%	99.7%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



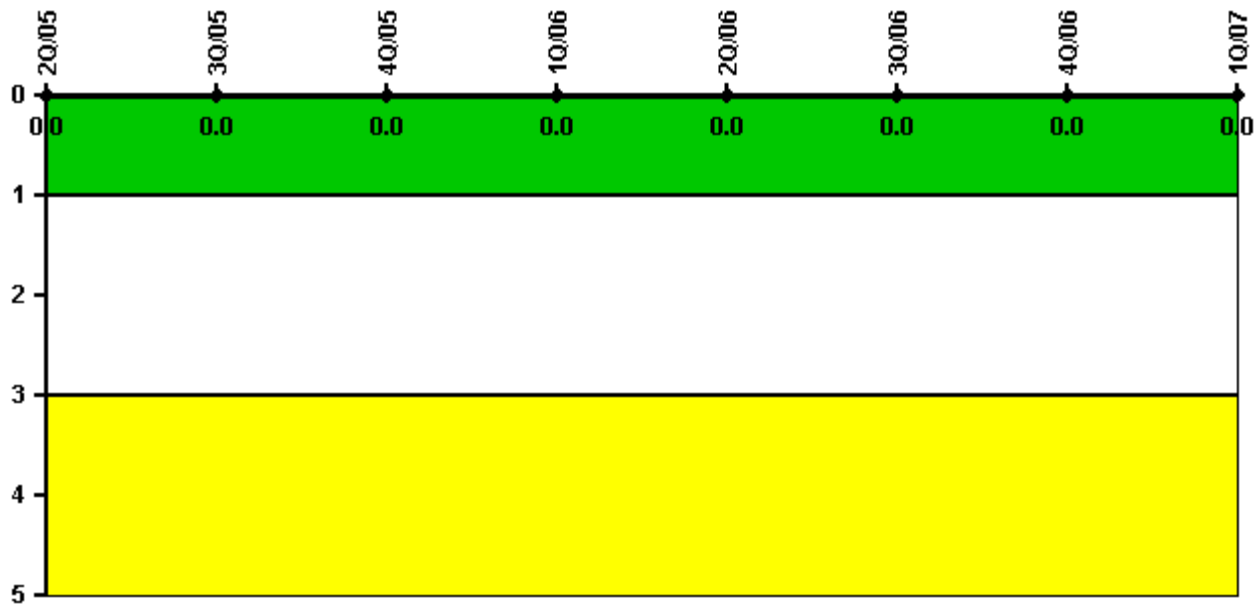
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

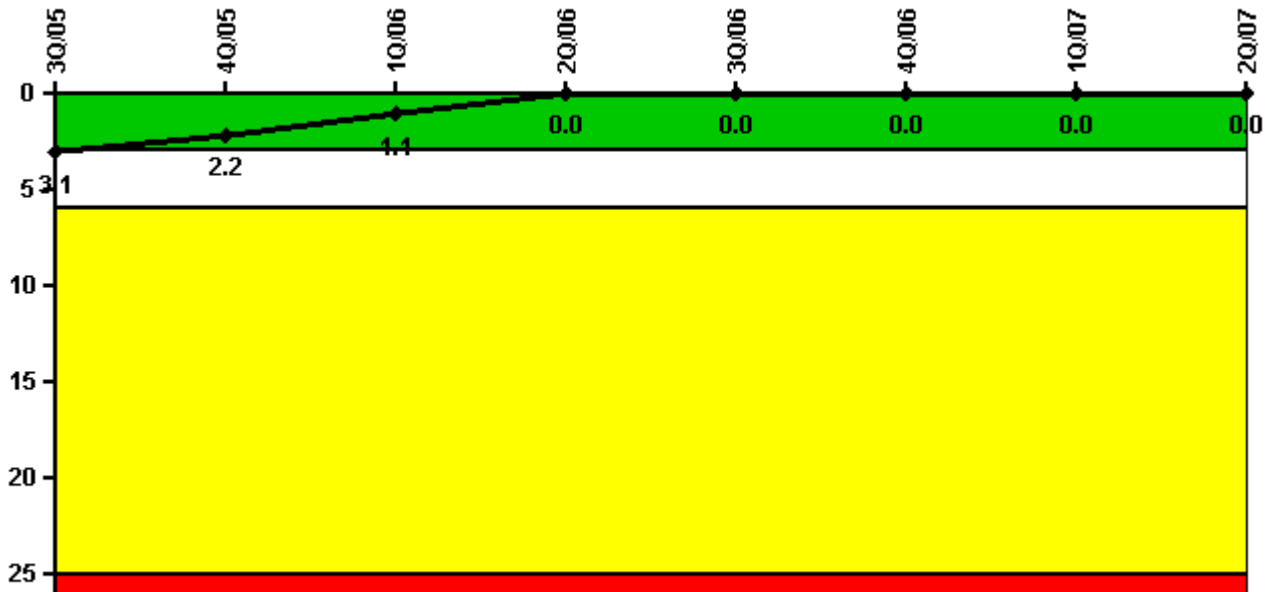
Last Modified: June 1, 2007

Turkey Point 4

2Q/2007 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



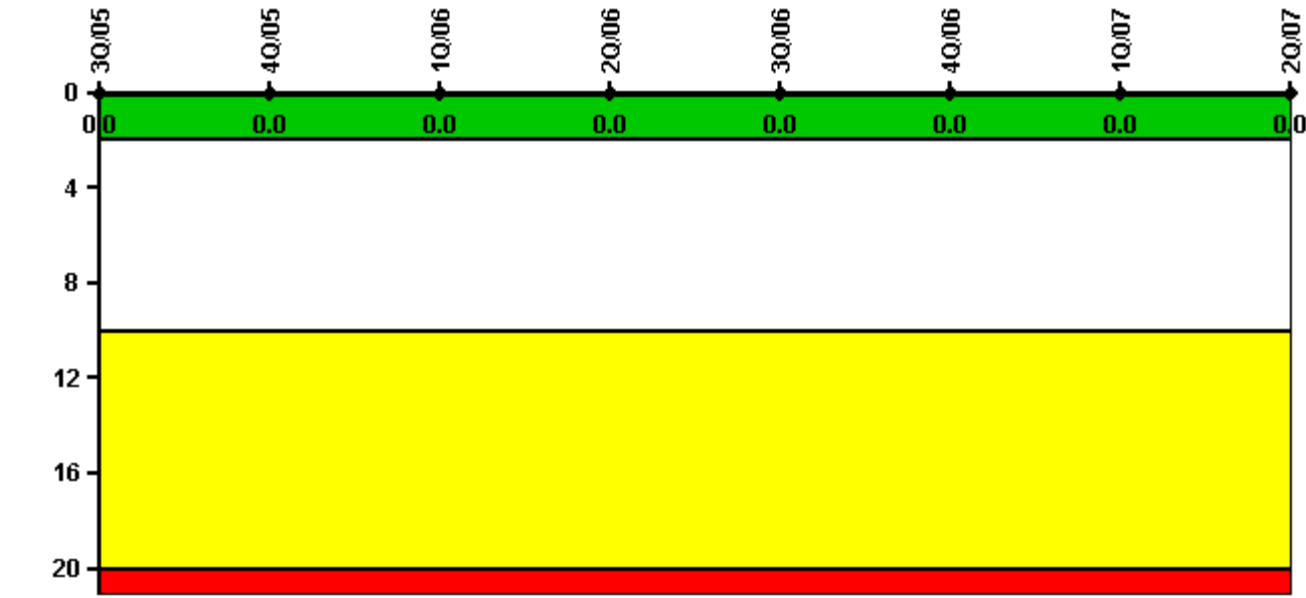
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1911.4	1756.1	2135.4	2109.4	2208.0	1268.0	2096.8	2184.0
Indicator value	3.1	2.2	1.1	0	0	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



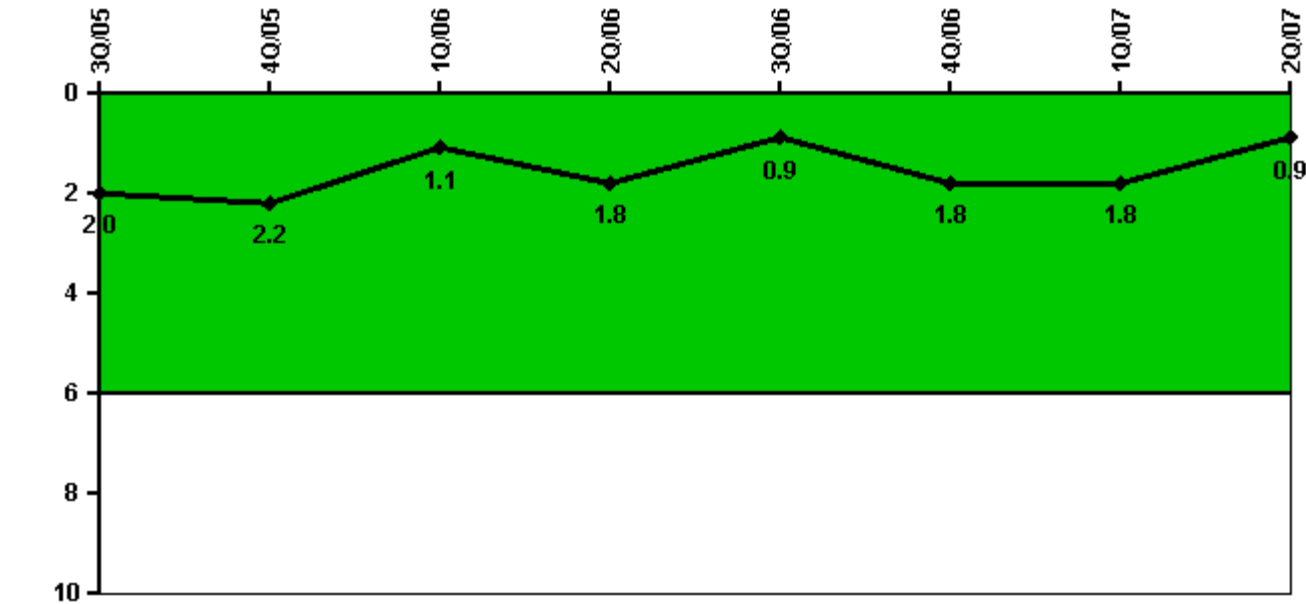
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

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	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



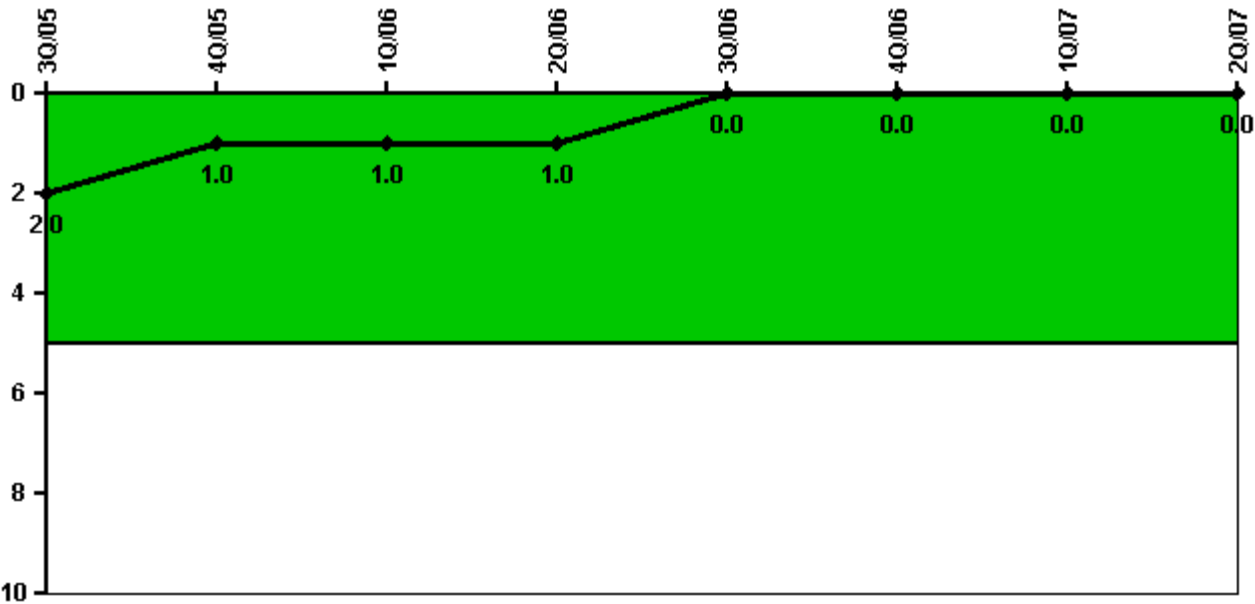
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Unplanned power changes	1.0	0	0	1.0	0	1.0	0	0
Critical hours	1911.4	1756.1	2135.4	2109.4	2208.0	1268.0	2096.8	2184.0
Indicator value	2.0	2.2	1.1	1.8	0.9	1.8	1.8	0.9

Licensee Comments: none

Safety System Functional Failures (PWR)



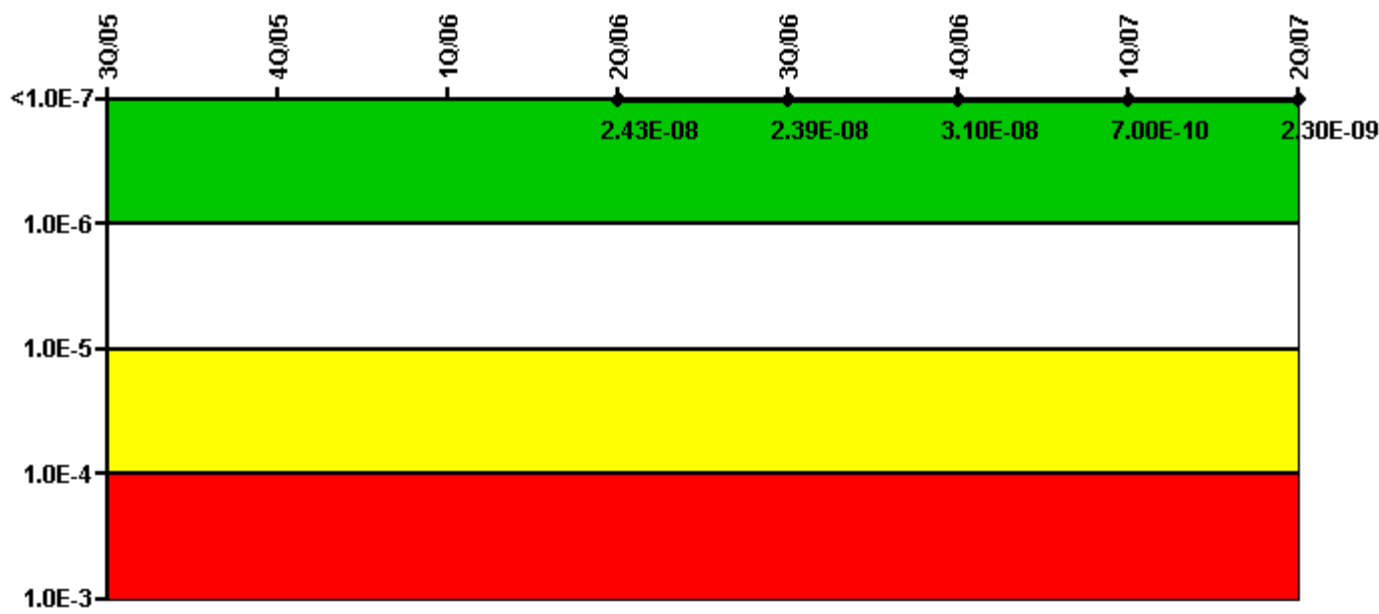
Thresholds: White > 5.0

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



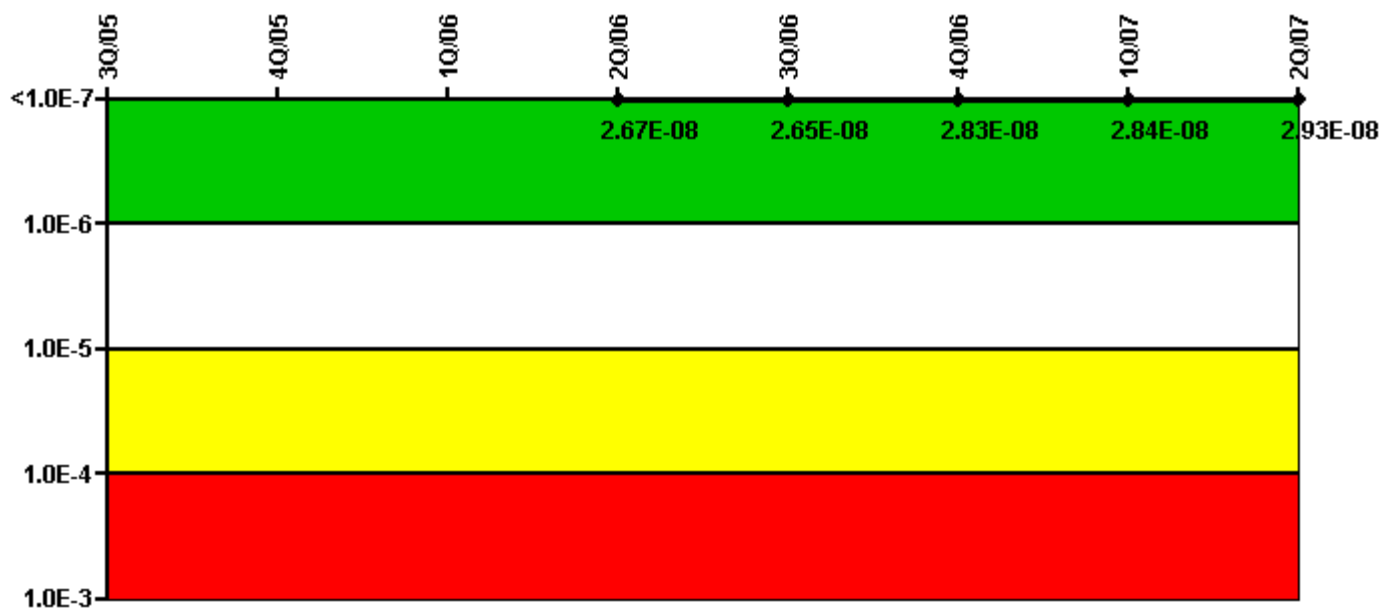
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (ACDF)				2.30E-09	1.90E-09	1.10E-08	3.50E-09	6.20E-09
URI (ACDF)				2.20E-08	2.20E-08	2.00E-08	-2.80E-09	-3.90E-09
PLE				NO	NO	NO	NO	NO
Indicator value				2.43E-08	2.39E-08	3.10E-08	7.00E-10	2.30E-09

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



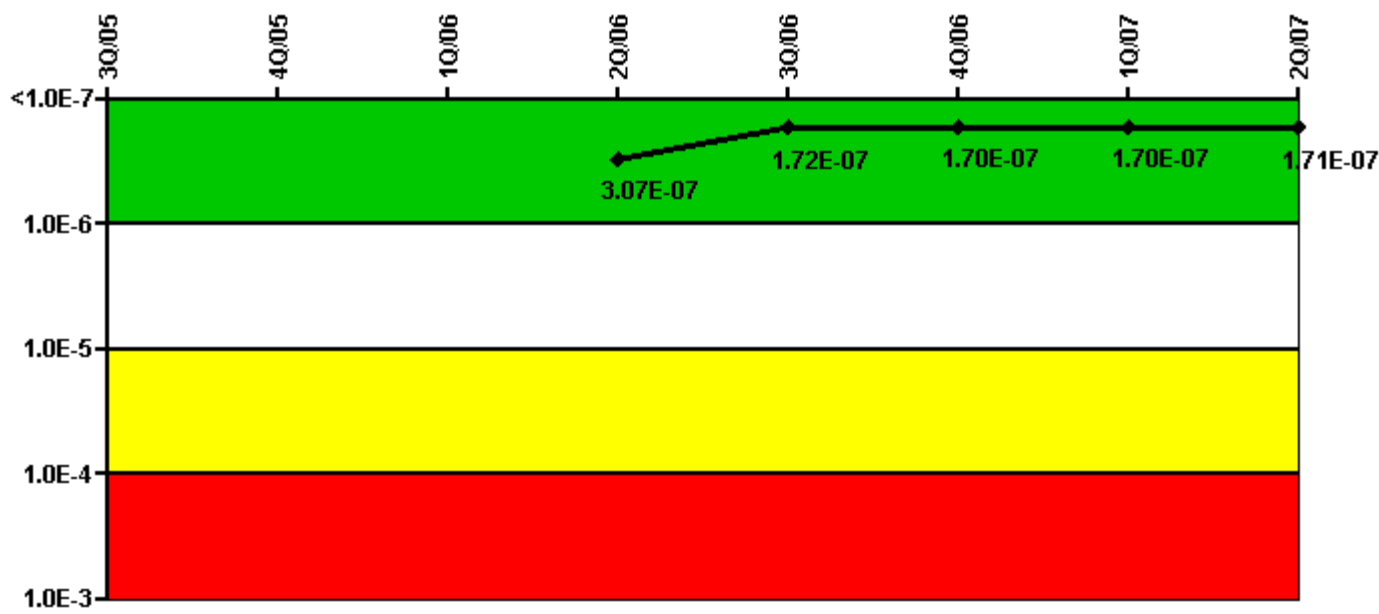
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (ΔCDF)				-5.30E-09	-4.50E-09	-1.70E-09	-1.60E-09	-1.70E-09
URI (ΔCDF)				3.20E-08	3.10E-08	3.00E-08	3.00E-08	3.10E-08
PLE				NO	NO	NO	NO	NO
Indicator value				2.67E-08	2.65E-08	2.83E-08	2.84E-08	2.93E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



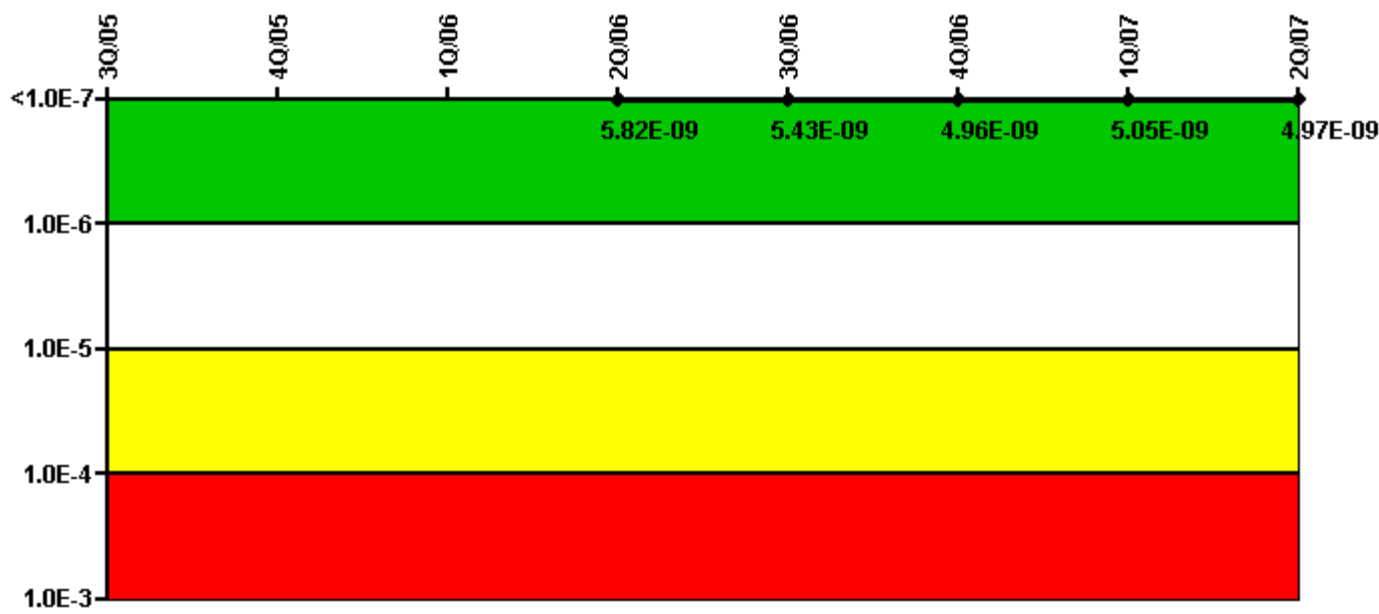
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)				6.90E-09	2.20E-09	9.00E-11	1.20E-10	1.00E-09
URI (ΔCDF)				3.00E-07	1.70E-07	1.70E-07	1.70E-07	1.70E-07
PLE				NO	NO	NO	NO	NO
Indicator value				3.07E-07	1.72E-07	1.70E-07	1.70E-07	1.71E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



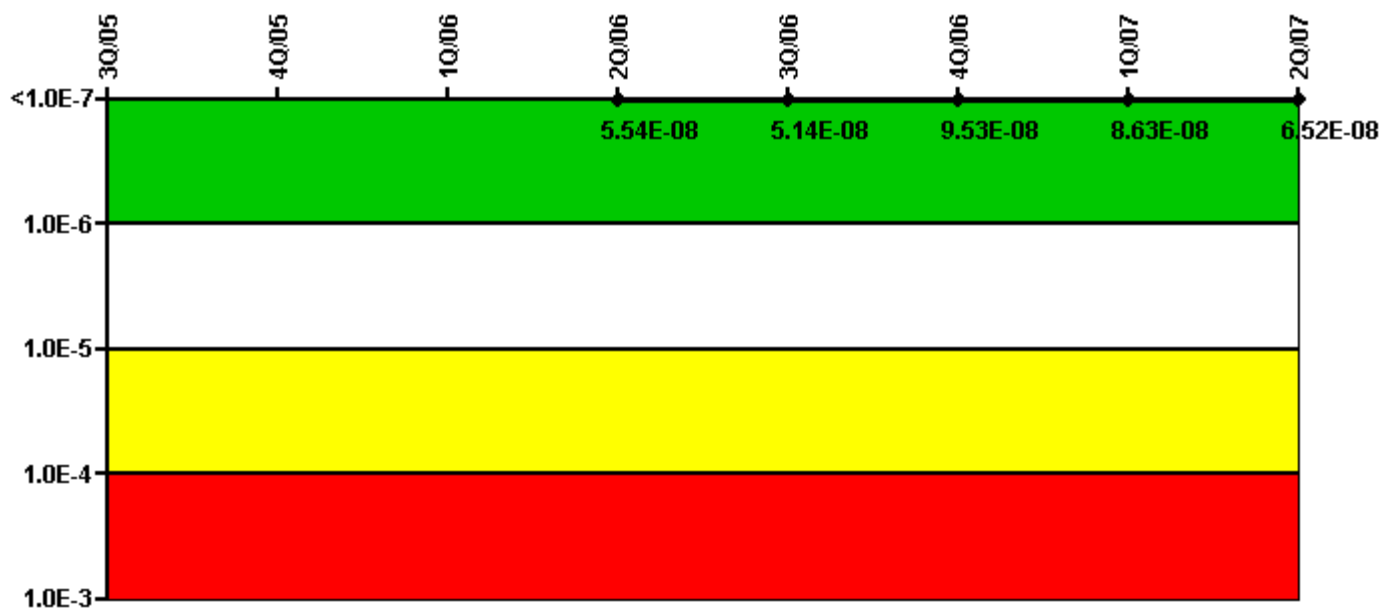
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (ΔCDF)				7.20E-10	-6.90E-11	-3.80E-11	-5.20E-11	-2.70E-11
URI (ΔCDF)				5.10E-09	5.50E-09	5.00E-09	5.10E-09	5.00E-09
PLE				NO	NO	NO	NO	NO
Indicator value				5.82E-09	5.43E-09	4.96E-09	5.05E-09	4.97E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



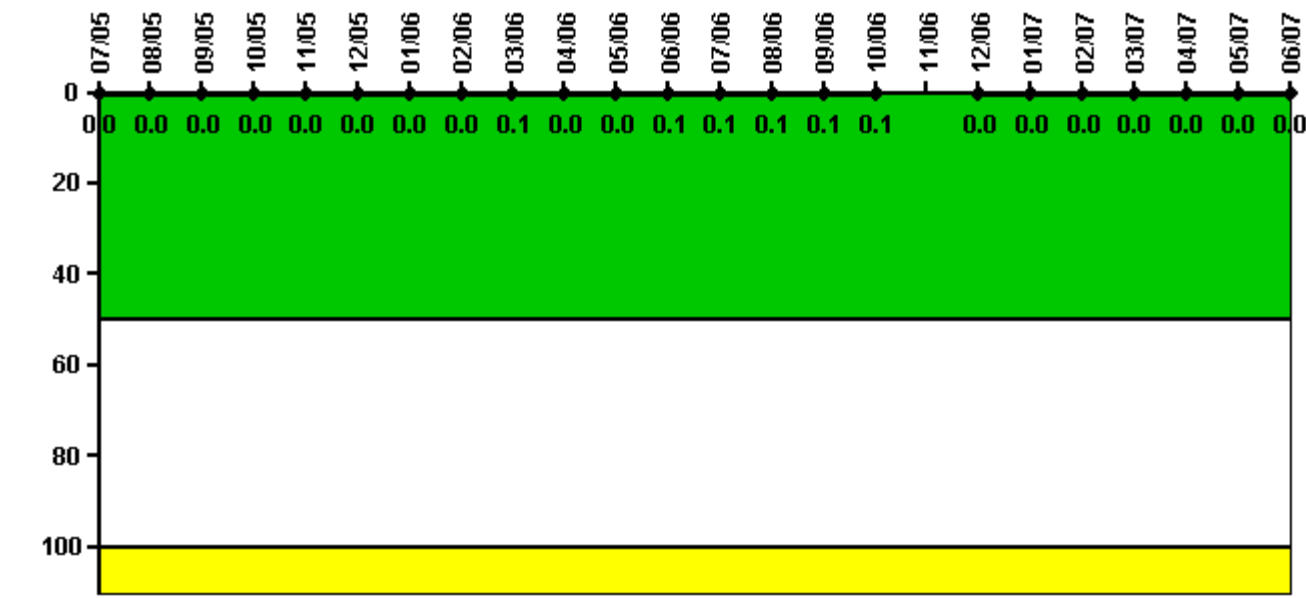
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (ΔCDF)				5.40E-08	5.00E-08	9.40E-08	8.50E-08	6.40E-08
URI (ΔCDF)				1.40E-09	1.40E-09	1.30E-09	1.30E-09	1.20E-09
PLE				NO	NO	NO	NO	NO
Indicator value				5.54E-08	5.14E-08	9.53E-08	8.63E-08	6.52E-08

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

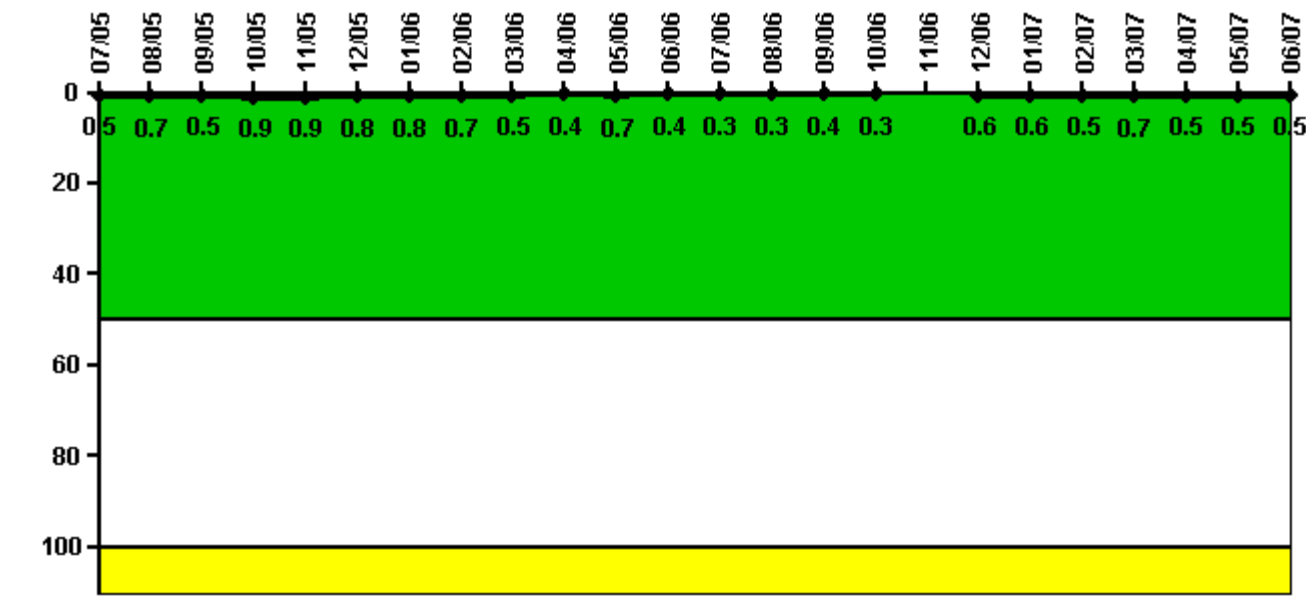
Notes

Reactor Coolant System Activity	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06
Maximum activity	0.000329	0.000376	0.000380	0.000391	0.000394	0.000427	0.000430	0.000480	0.000779	0.000478	0.000474	0.000506
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0.1	0	0	0.1

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	0.000671	0.000610	0.000580	0.000641	N/A	0.000336	0.000305	0.000336	0.000366	0.000397	0.000397	0.000397
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	N/A	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

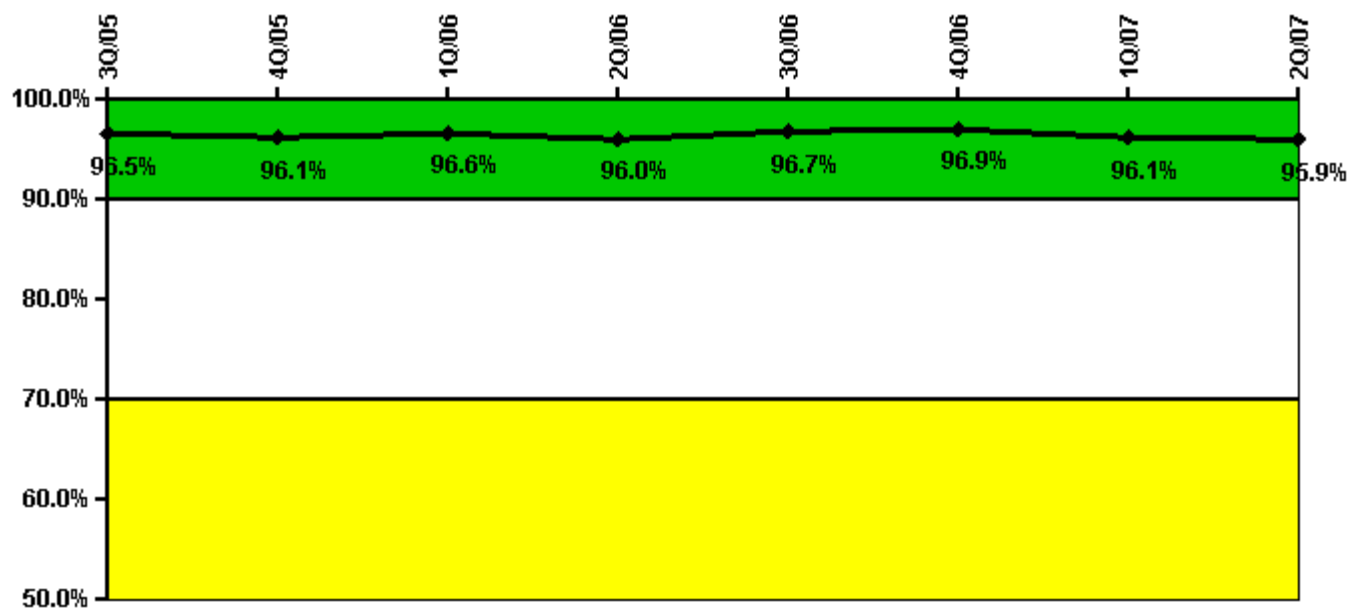
Notes

Reactor Coolant System Leakage	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06
Maximum leakage	0.050	0.070	0.050	0.090	0.090	0.080	0.080	0.070	0.050	0.040	0.070	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	0.7	0.5	0.9	0.9	0.8	0.8	0.7	0.5	0.4	0.7	0.4

Reactor Coolant System Leakage	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07
Maximum leakage	0.030	0.030	0.040	0.030	N/A	0.060	0.060	0.050	0.070	0.050	0.050	0.050
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.3	0.4	0.3	N/A	0.6	0.6	0.5	0.7	0.5	0.5	0.5

Licensee Comments: none

Drill/Exercise Performance



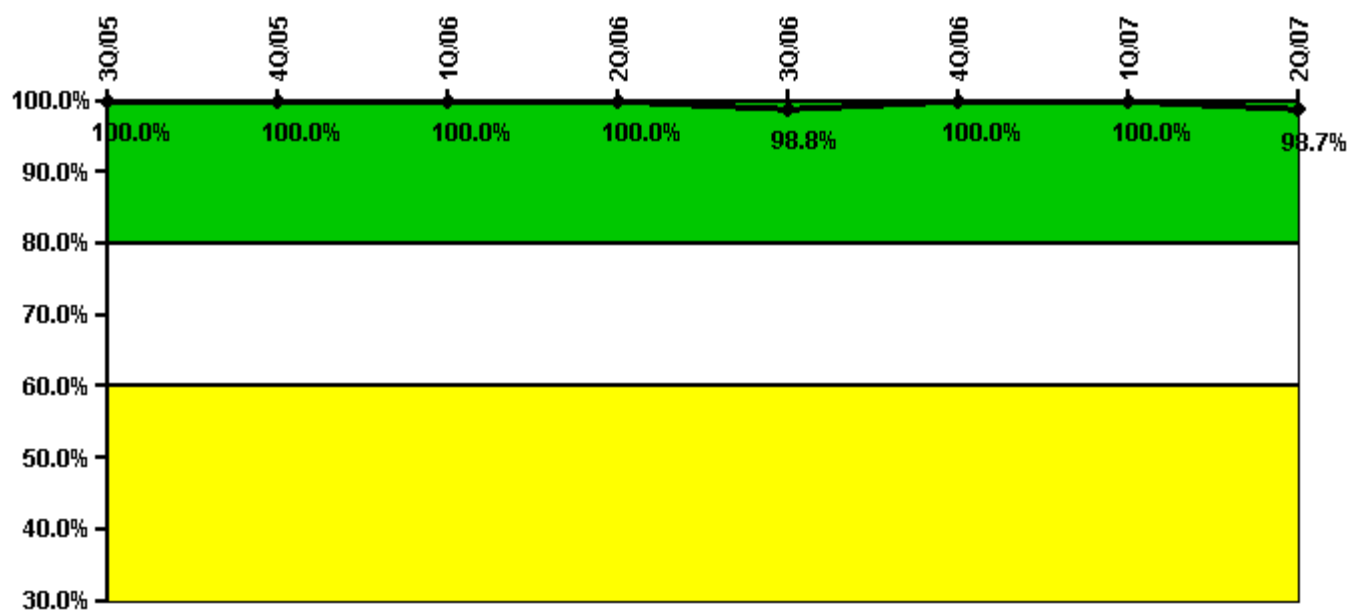
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Successful opportunities	70.0	41.0	75.0	38.0	50.0	22.0	72.0	402.0
Total opportunities	73.0	43.0	75.0	41.0	51.0	22.0	79.0	419.0
Indicator value	96.5%	96.1%	96.6%	96.0%	96.7%	96.9%	96.1%	95.9%

Licensee Comments: none

ERO Drill Participation



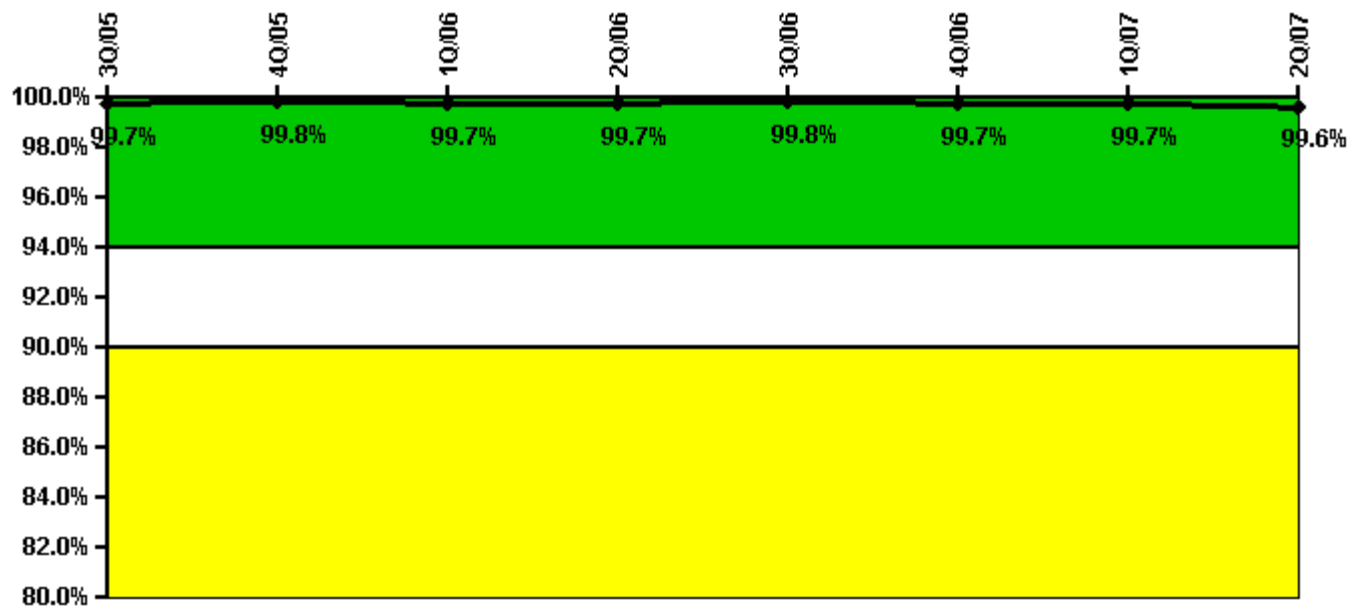
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Participating Key personnel	73.0	80.0	89.0	90.0	83.0	84.0	83.0	78.0
Total Key personnel	73.0	80.0	89.0	90.0	84.0	84.0	83.0	79.0
Indicator value	100.0%	100.0%	100.0%	100.0%	98.8%	100.0%	100.0%	98.7%

Licensee Comments: none

Alert & Notification System



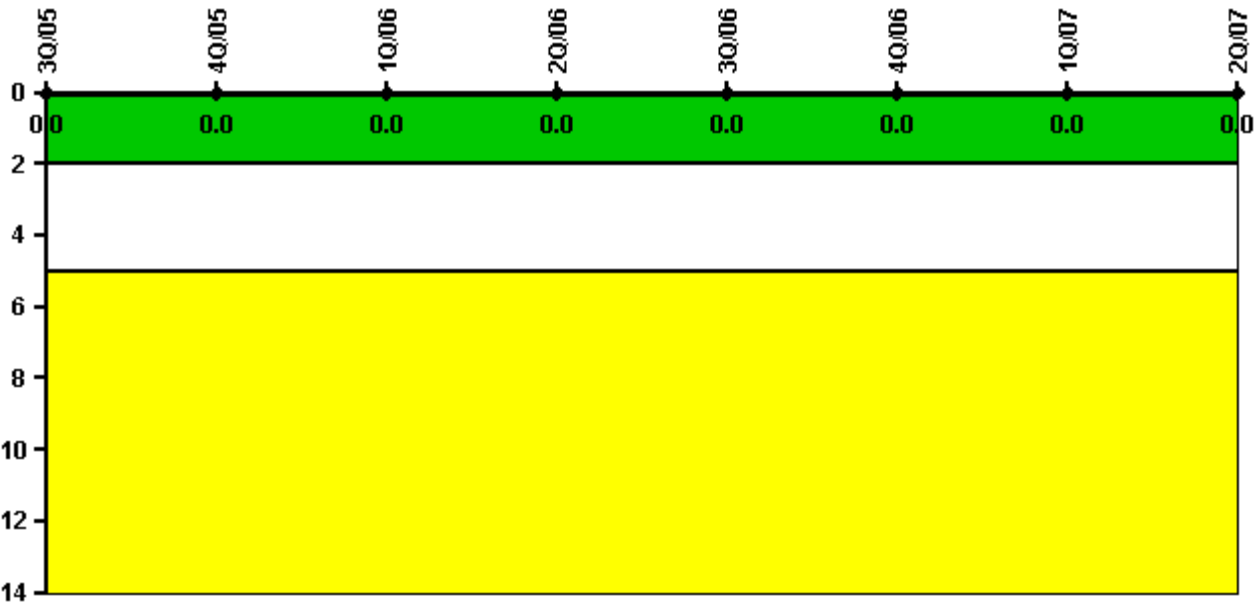
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Successful siren-tests	327	376	328	422	328	374	328	375
Total sirens-tests	329	376	329	423	329	376	329	376
Indicator value	99.7%	99.8%	99.7%	99.7%	99.8%	99.7%	99.7%	99.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness



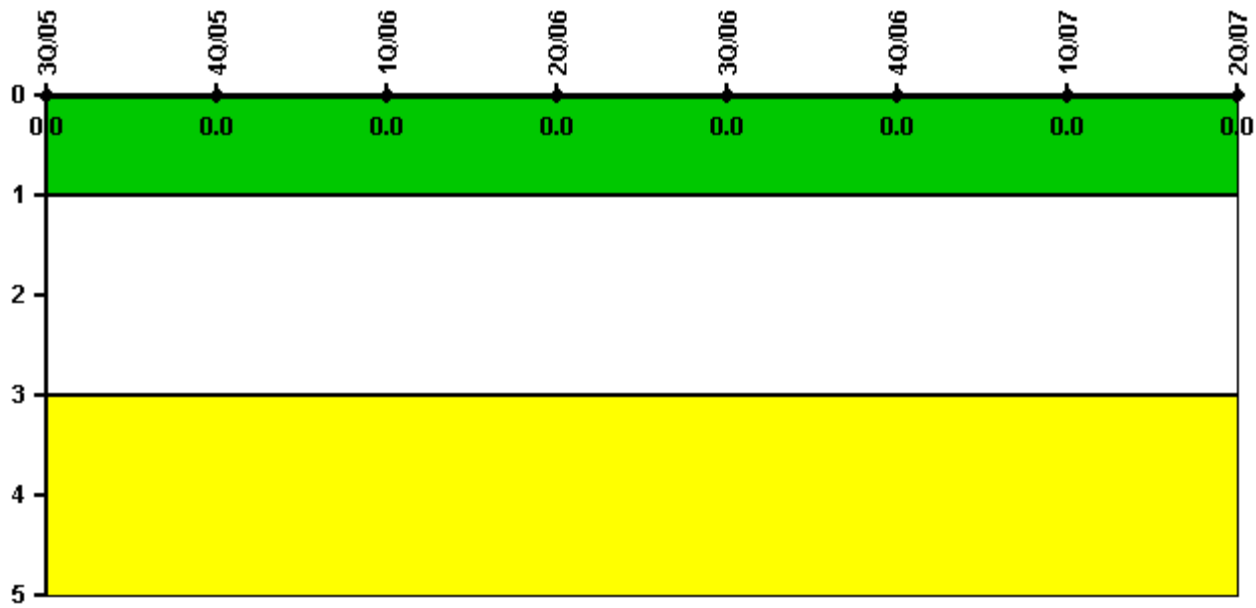
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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

Turkey Point 4

3Q/2007 Performance Indicators

Licensee's General Comments: The EP data for EP01 2nd quarter was corrected, and the new indicator IE04 - unplanned scrams with complications, was added with no scrams being reported. INPO advised this to be the correct method for adding the new indicator.

Unplanned Scrams per 7000 Critical Hrs



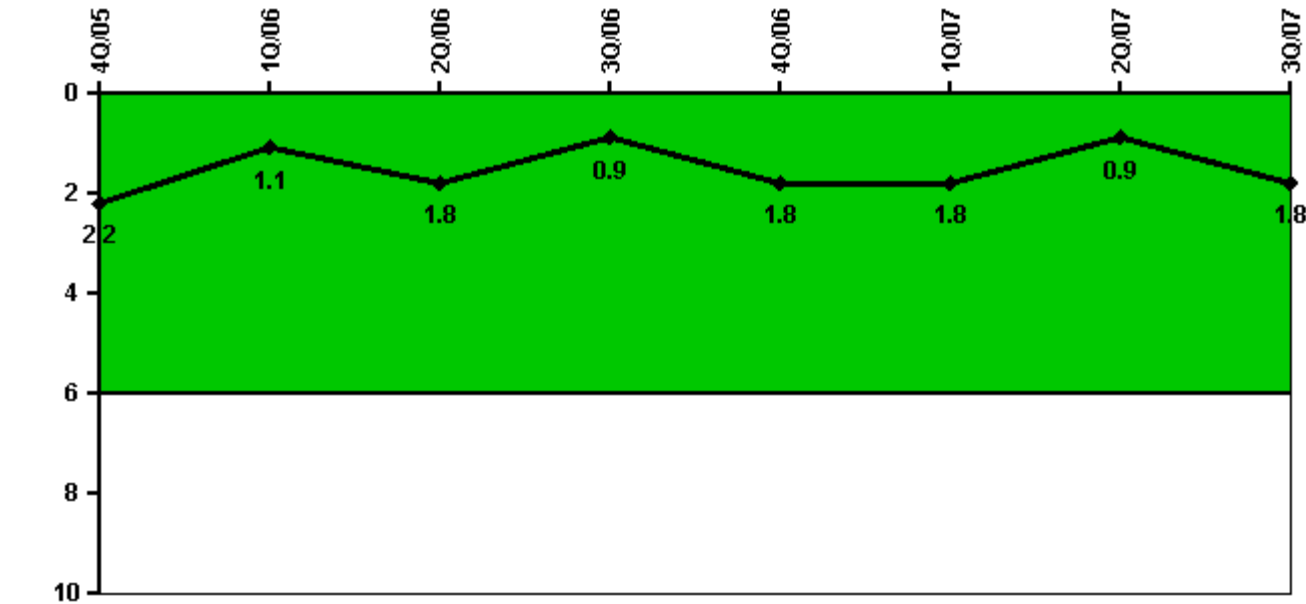
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1756.1	2135.4	2109.4	2208.0	1268.0	2096.8	2184.0	2077.1
Indicator value	2.2	1.1	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



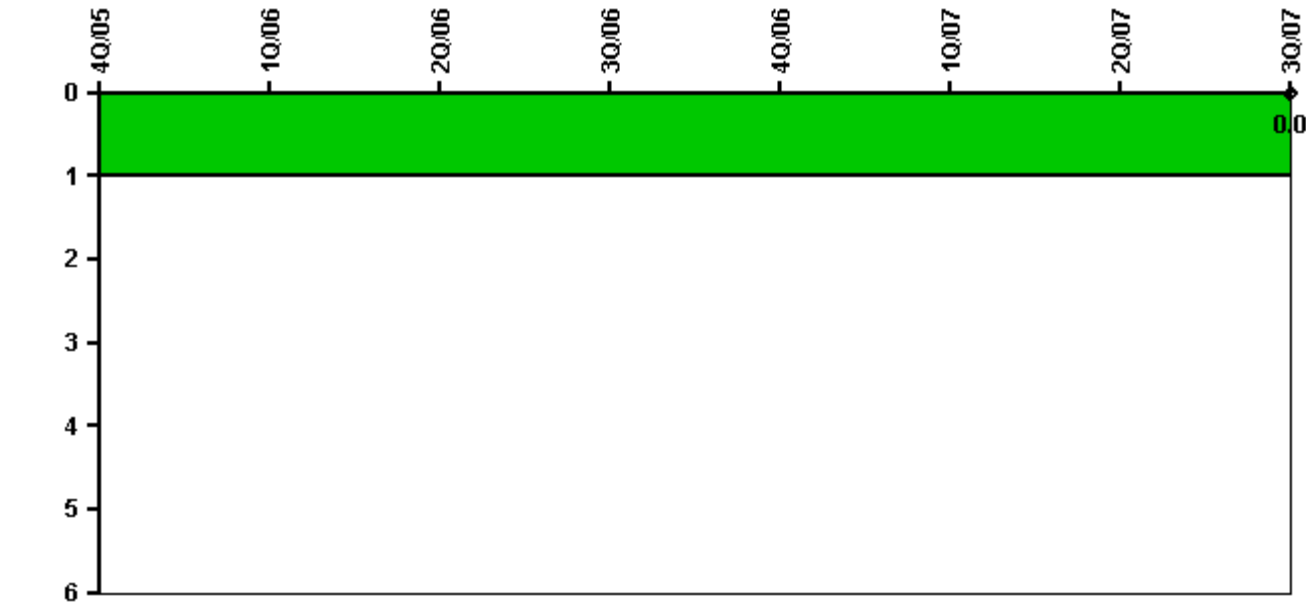
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Unplanned power changes	0	0	1.0	0	1.0	0	0	1.0
Critical hours	1756.1	2135.4	2109.4	2208.0	1268.0	2096.8	2184.0	2077.1
Indicator value	2.2	1.1	1.8	0.9	1.8	1.8	0.9	1.8

Licensee Comments: none

Unplanned Scrams with Complications



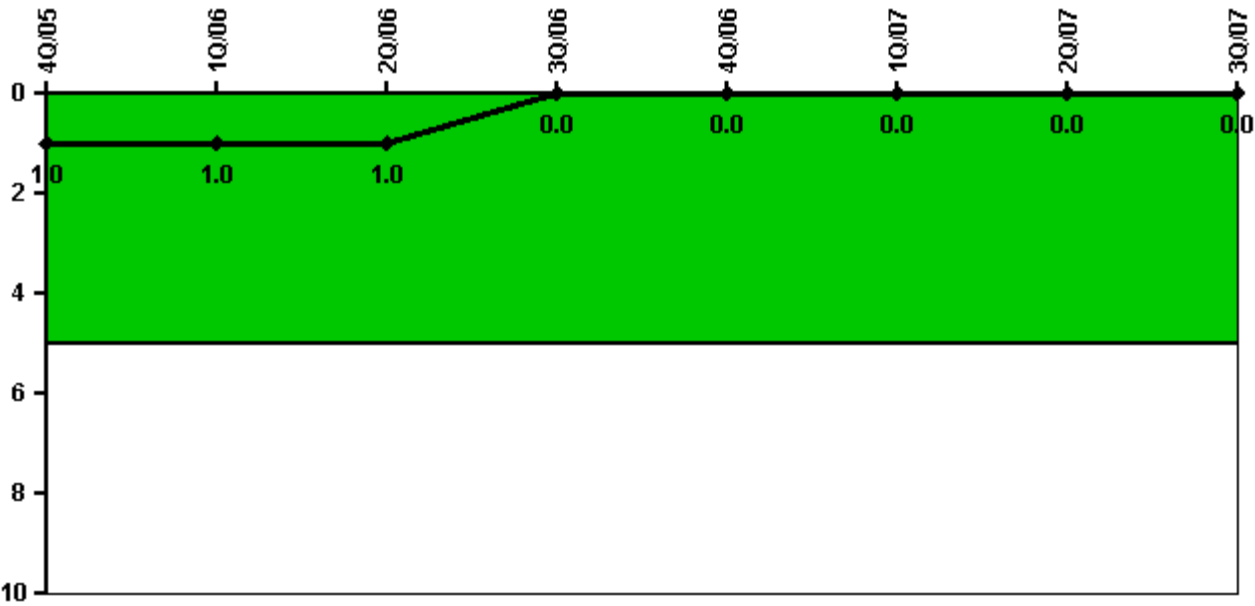
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Scrams with complications					0	0	0	0
Indicator value								0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



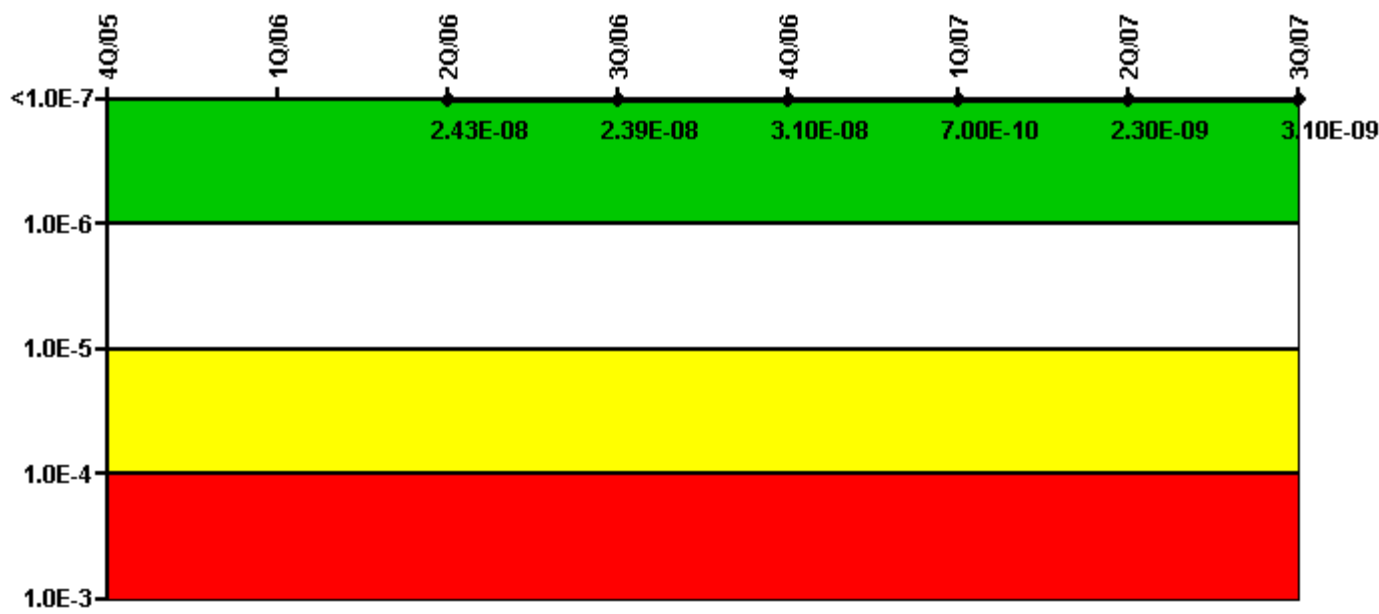
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



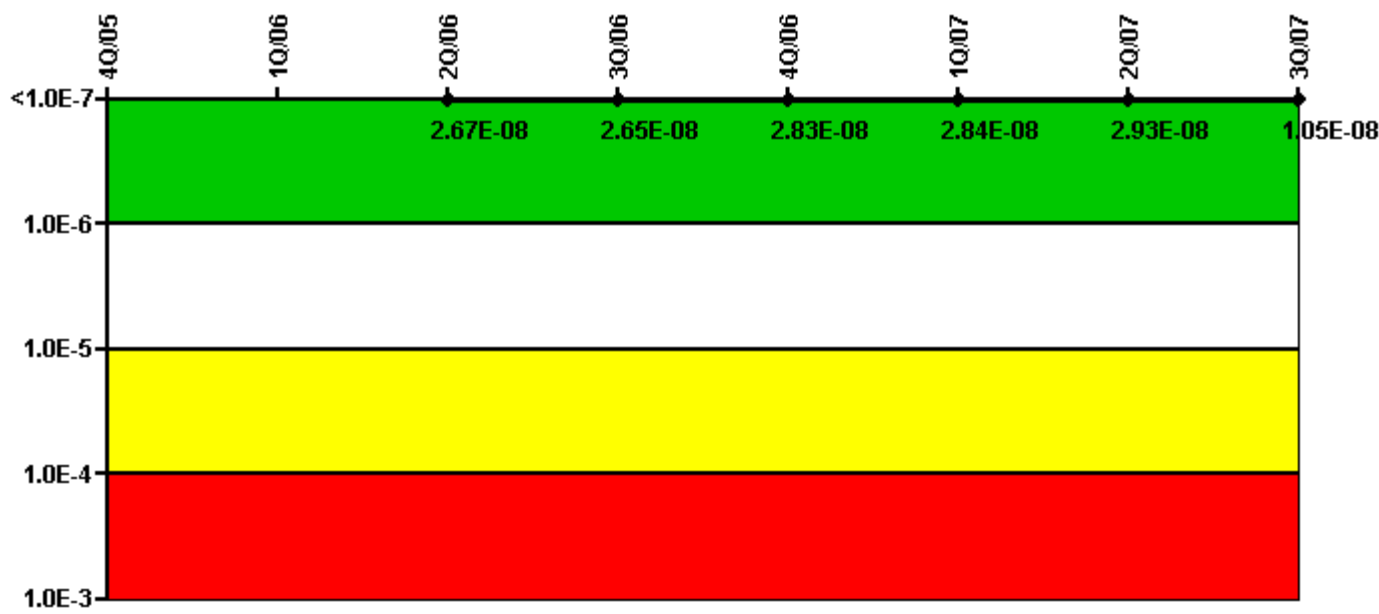
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI (ACDF)			2.30E-09	1.90E-09	1.10E-08	3.50E-09	6.20E-09	6.60E-09
URI (ACDF)			2.20E-08	2.20E-08	2.00E-08	-2.80E-09	-3.90E-09	-3.50E-09
PLE			NO	NO	NO	NO	NO	NO
Indicator value			2.43E-08	2.39E-08	3.10E-08	7.00E-10	2.30E-09	3.10E-09

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



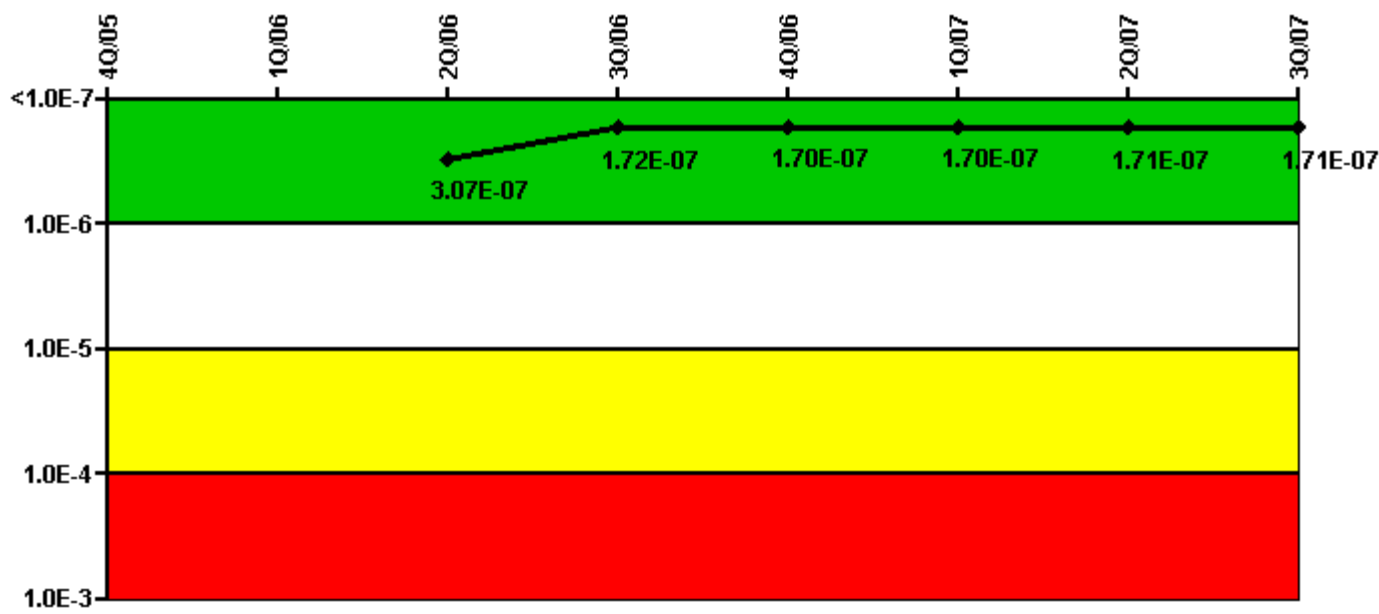
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI (ΔCDF)			-5.30E-09	-4.50E-09	-1.70E-09	-1.60E-09	-1.70E-09	-1.50E-09
URI (ΔCDF)			3.20E-08	3.10E-08	3.00E-08	3.00E-08	3.10E-08	1.20E-08
PLE			NO	NO	NO	NO	NO	NO
Indicator value			2.67E-08	2.65E-08	2.83E-08	2.84E-08	2.93E-08	1.05E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



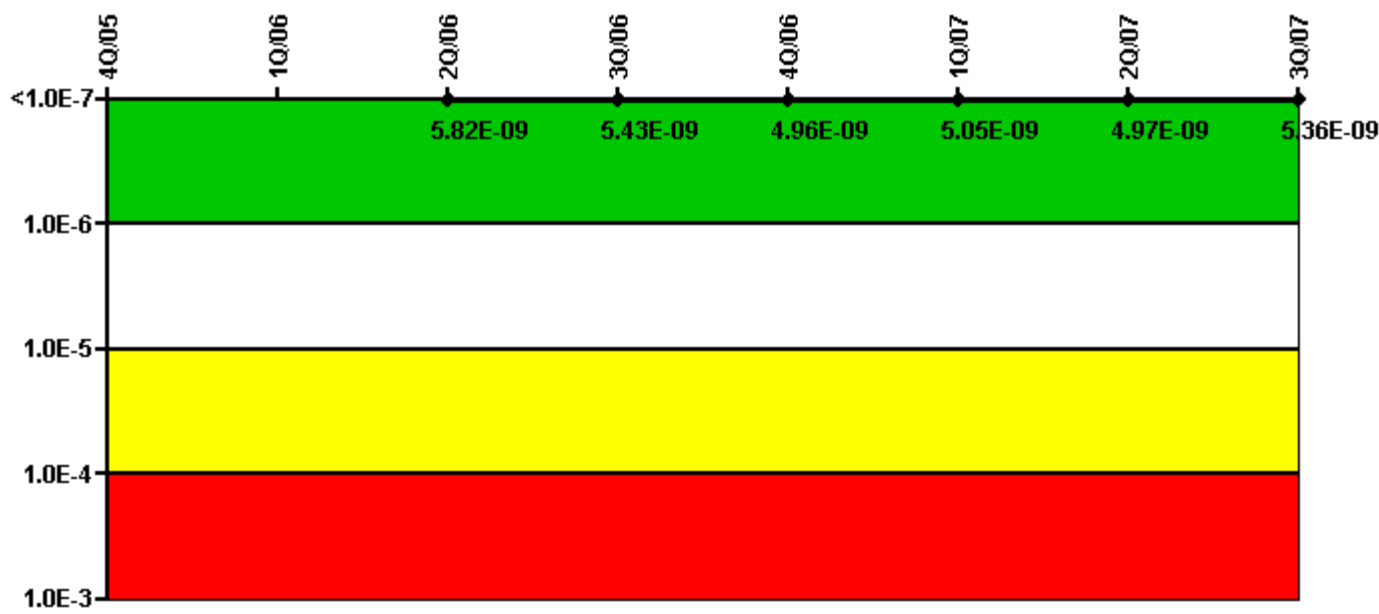
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI (ΔCDF)			6.90E-09	2.20E-09	9.00E-11	1.20E-10	1.00E-09	1.10E-09
URI (ΔCDF)			3.00E-07	1.70E-07	1.70E-07	1.70E-07	1.70E-07	1.70E-07
PLE			NO	NO	NO	NO	NO	NO
Indicator value			3.07E-07	1.72E-07	1.70E-07	1.70E-07	1.71E-07	1.71E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



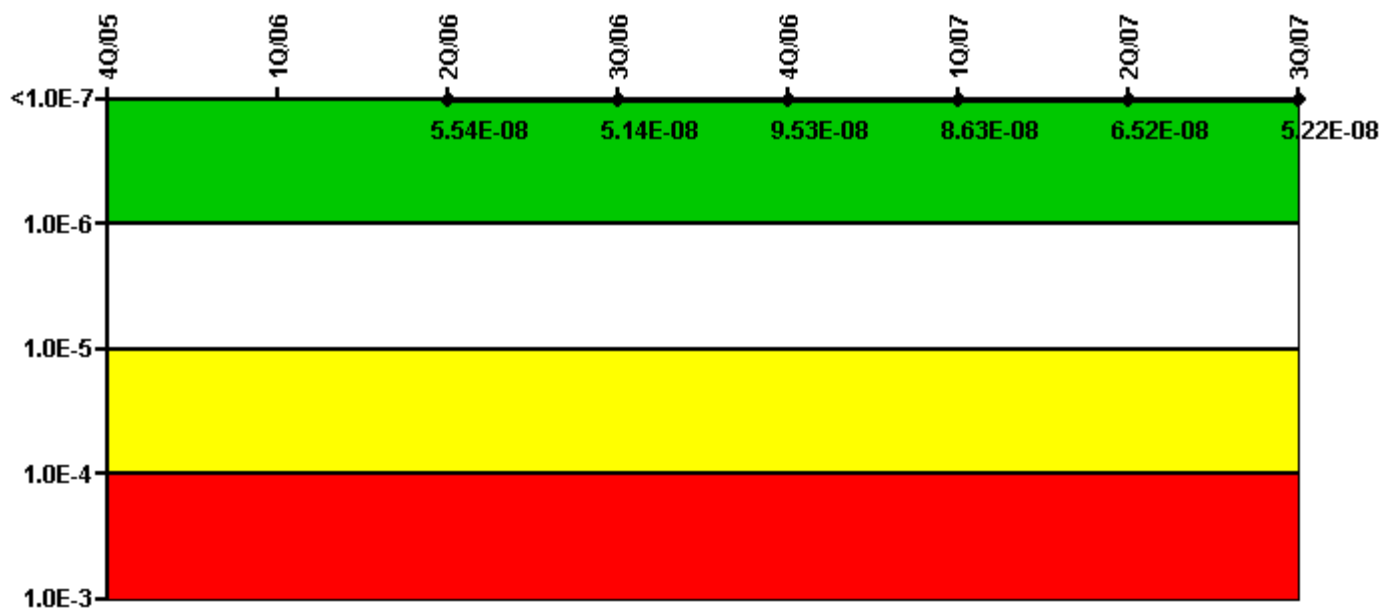
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)			7.20E-10	-6.90E-11	-3.80E-11	-5.20E-11	-2.70E-11	5.60E-10
URI (ΔCDF)			5.10E-09	5.50E-09	5.00E-09	5.10E-09	5.00E-09	4.80E-09
PLE			NO	NO	NO	NO	NO	NO
Indicator value			5.82E-09	5.43E-09	4.96E-09	5.05E-09	4.97E-09	5.36E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



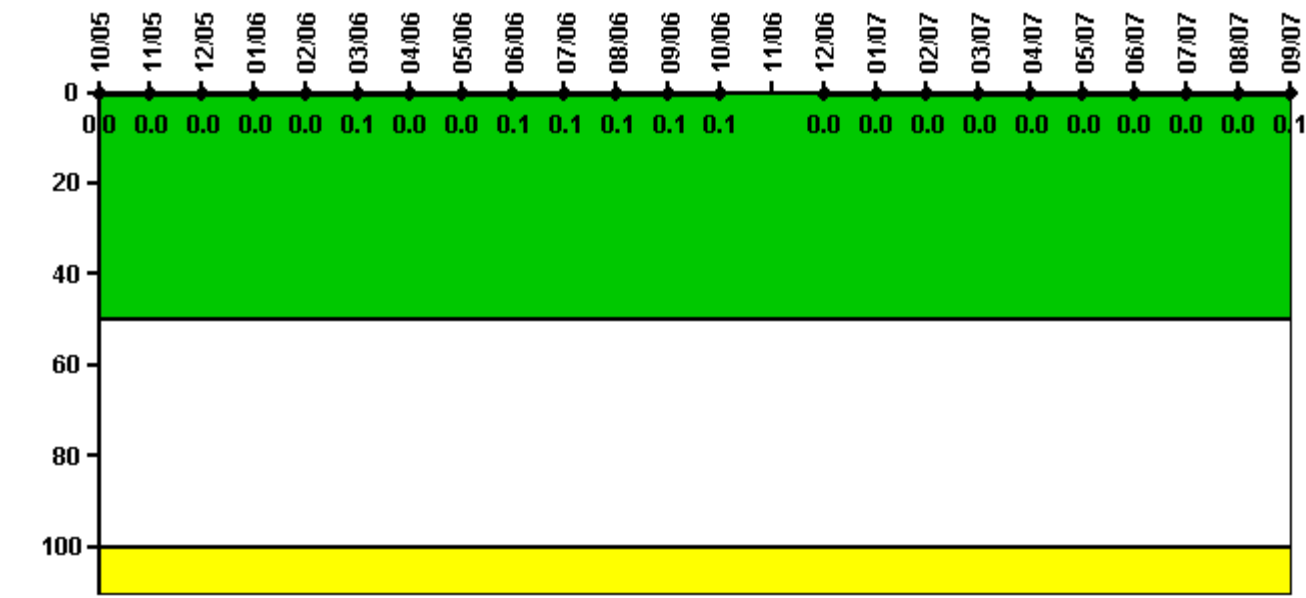
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI (ΔCDF)			5.40E-08	5.00E-08	9.40E-08	8.50E-08	6.40E-08	5.10E-08
URI (ΔCDF)			1.40E-09	1.40E-09	1.30E-09	1.30E-09	1.20E-09	1.20E-09
PLE			NO	NO	NO	NO	NO	NO
Indicator value			5.54E-08	5.14E-08	9.53E-08	8.63E-08	6.52E-08	5.22E-08

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

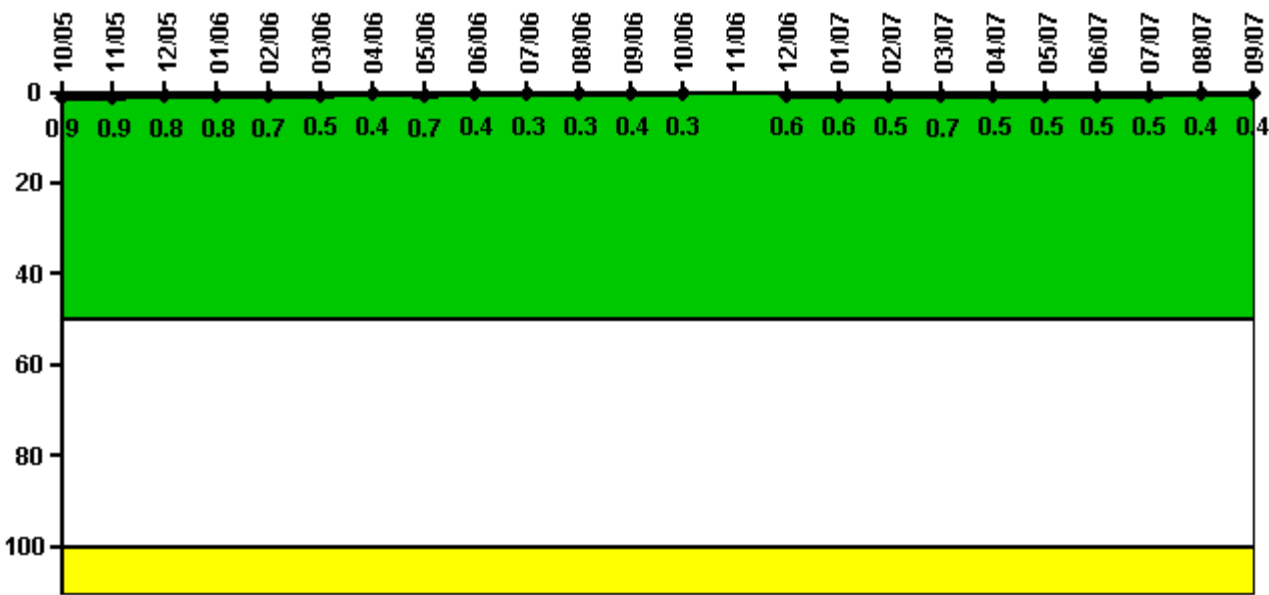
Notes

Reactor Coolant System Activity	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06
Maximum activity	0.000391	0.000394	0.000427	0.000430	0.000480	0.000779	0.000478	0.000474	0.000506	0.000671	0.000610	0.000580
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0.1	0	0	0.1	0.1	0.1	0.1

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	0.000641	N/A	0.000336	0.000305	0.000336	0.000366	0.000397	0.000397	0.000397	0.000427	0.000458	0.000641
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	N/A	0	0	0	0	0	0	0	0	0	0.1

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

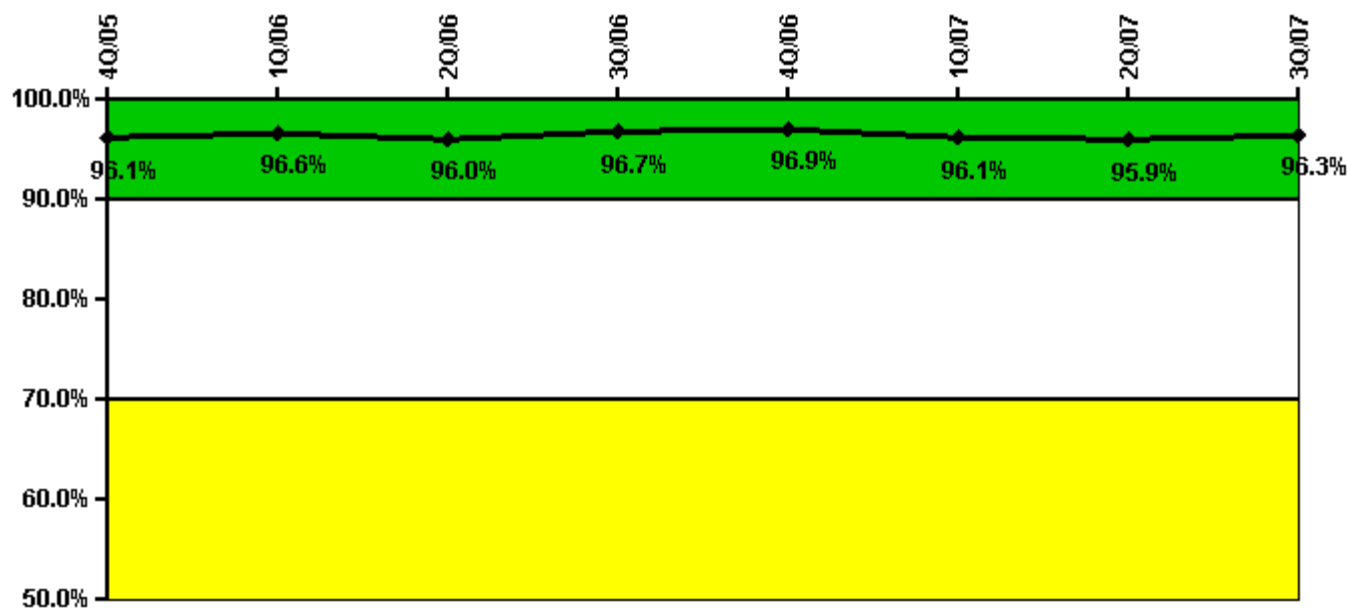
Notes

Reactor Coolant System Leakage	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06
Maximum leakage	0.090	0.090	0.080	0.080	0.070	0.050	0.040	0.070	0.040	0.030	0.030	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.9	0.9	0.8	0.8	0.7	0.5	0.4	0.7	0.4	0.3	0.3	0.4

Reactor Coolant System Leakage	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07
Maximum leakage	0.030	N/A	0.060	0.060	0.050	0.070	0.050	0.050	0.050	0.050	0.040	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	N/A	0.6	0.6	0.5	0.7	0.5	0.5	0.5	0.5	0.4	0.4

Licensee Comments: none

Drill/Exercise Performance



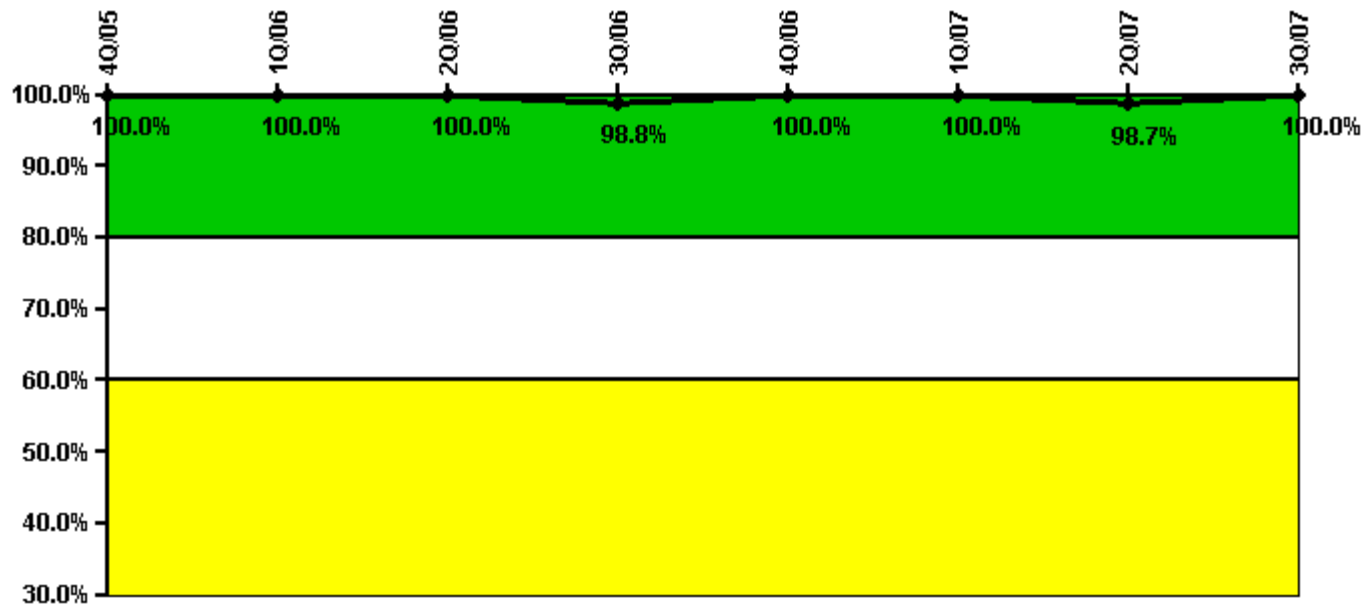
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Successful opportunities	41.0	75.0	38.0	50.0	22.0	72.0	34.0	30.0
Total opportunities	43.0	75.0	41.0	51.0	22.0	79.0	35.0	30.0
Indicator value	96.1%	96.6%	96.0%	96.7%	96.9%	96.1%	95.9%	96.3%

Licensee Comments: none

ERO Drill Participation



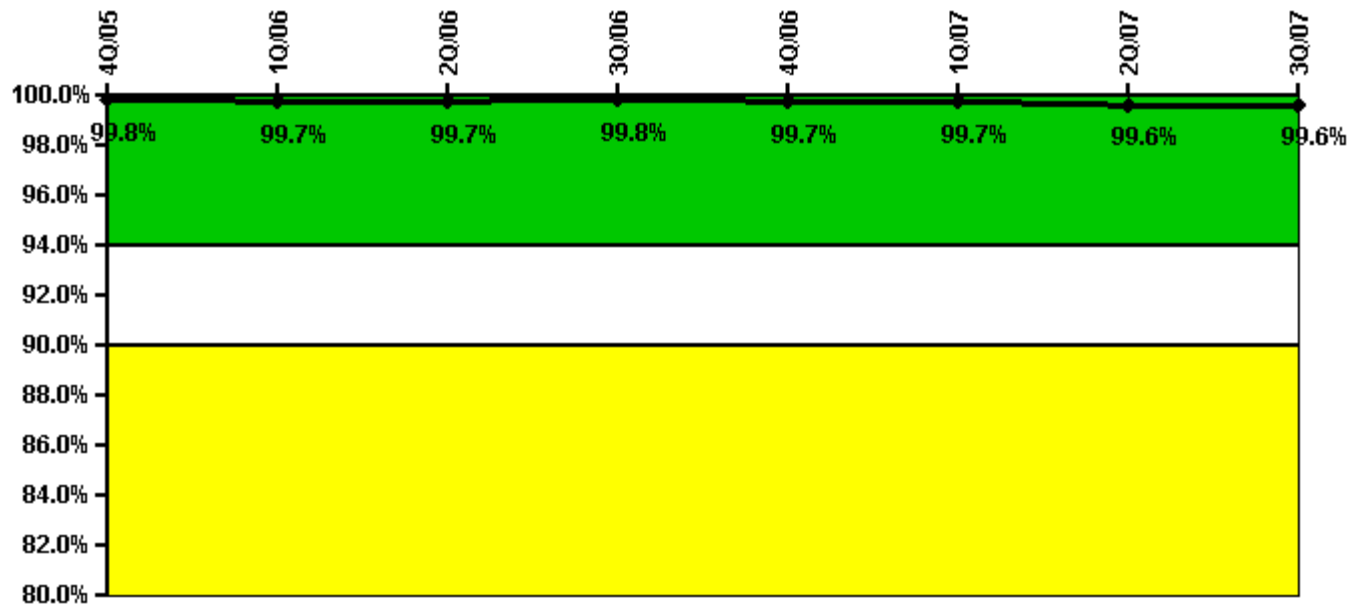
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Participating Key personnel	80.0	89.0	90.0	83.0	84.0	83.0	78.0	83.0
Total Key personnel	80.0	89.0	90.0	84.0	84.0	83.0	79.0	83.0
Indicator value	100.0%	100.0%	100.0%	98.8%	100.0%	100.0%	98.7%	100.0%

Licensee Comments: none

Alert & Notification System



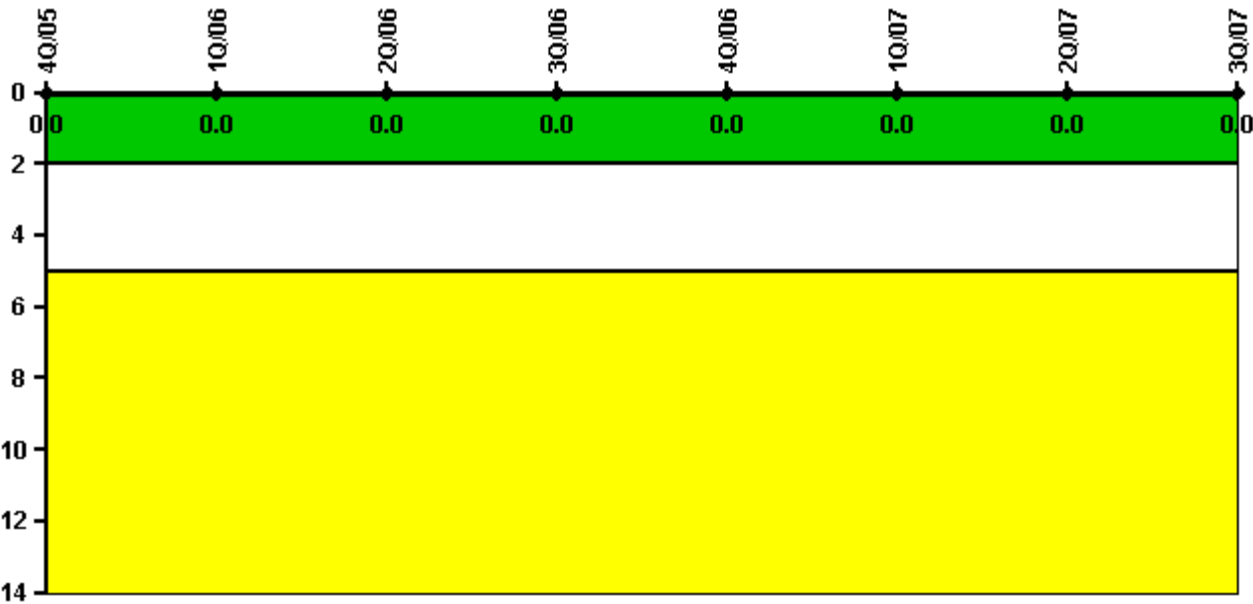
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Successful siren-tests	376	328	422	328	374	328	375	328
Total sirens-tests	376	329	423	329	376	329	376	329
Indicator value	99.8%	99.7%	99.7%	99.8%	99.7%	99.7%	99.6%	99.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness



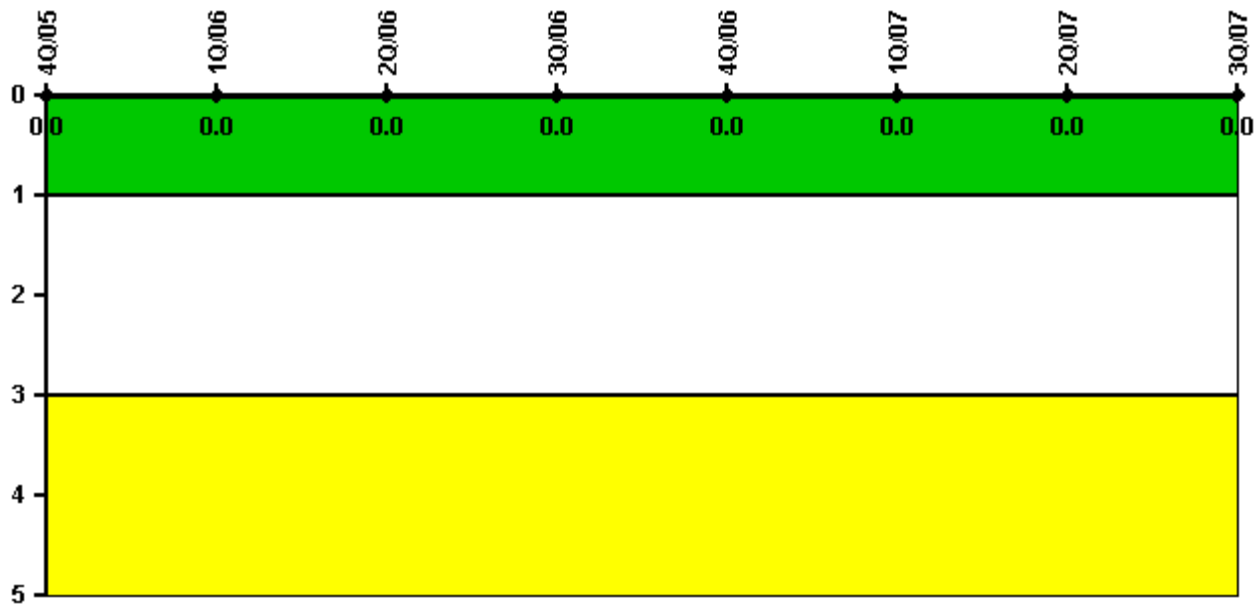
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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](#)

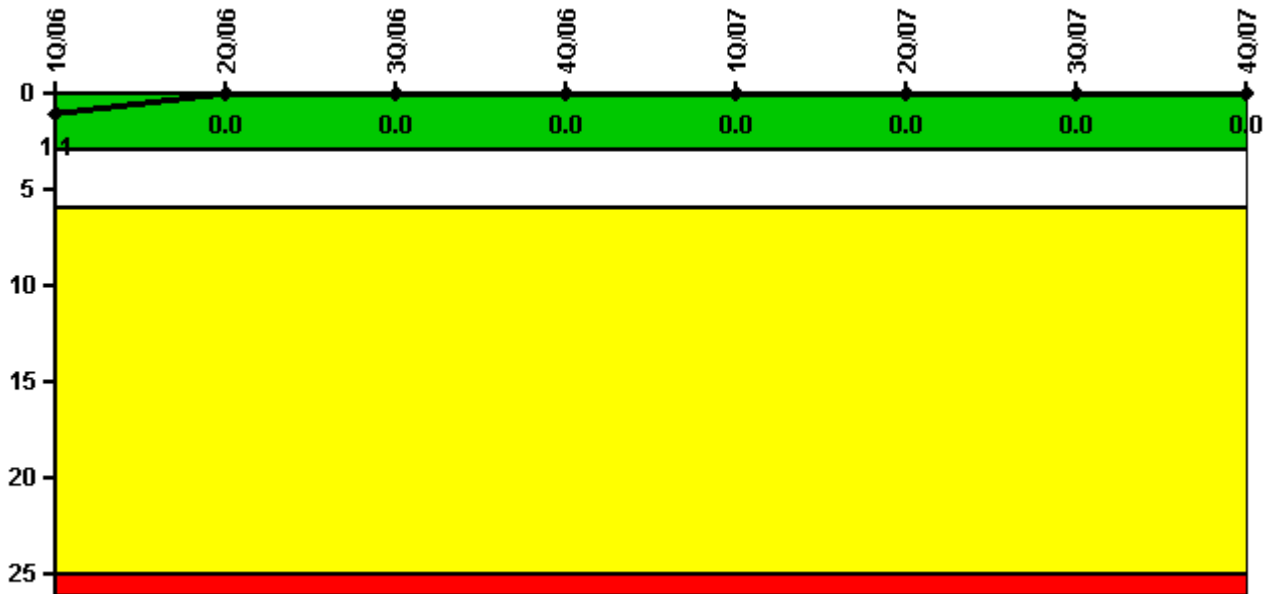
Last Modified: December 7, 2007

Turkey Point 4

4Q/2007 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



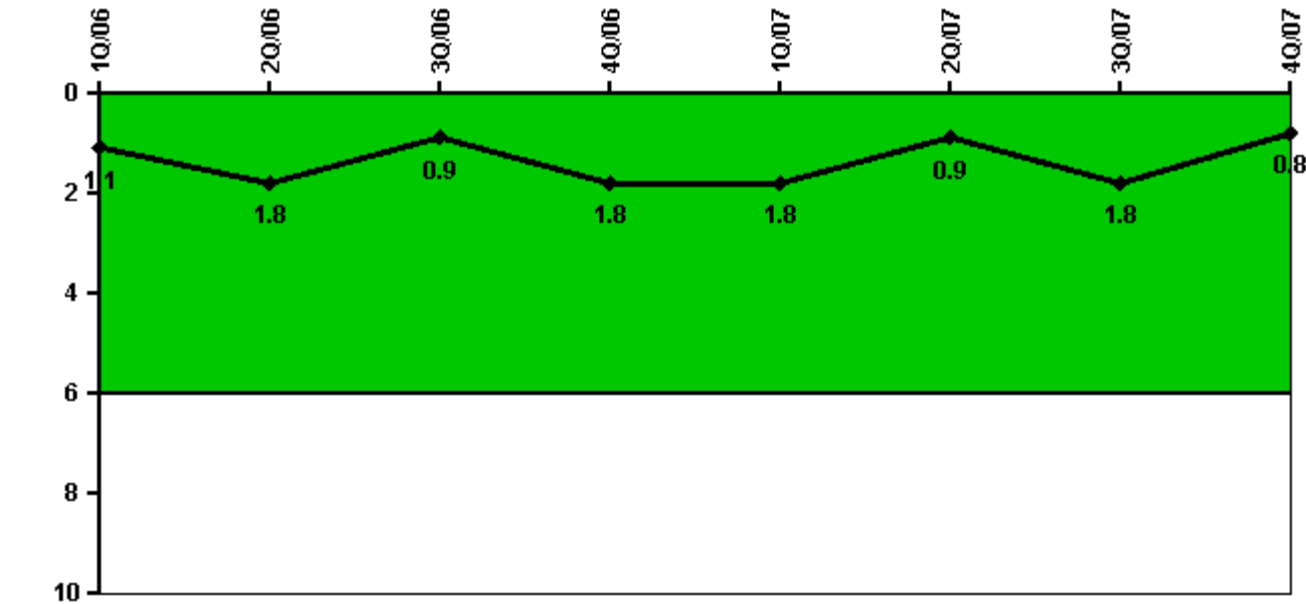
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	2135.4	2109.4	2208.0	1268.0	2096.8	2184.0	2077.1	2209.0
Indicator value	1.1	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



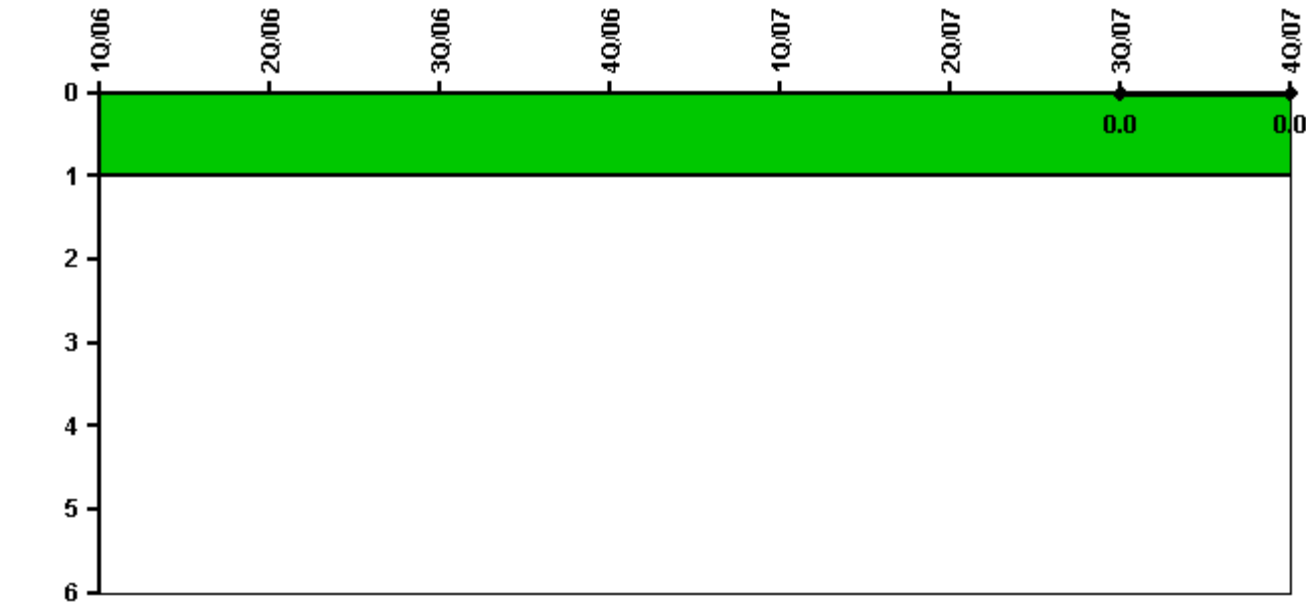
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Unplanned power changes	0	1.0	0	1.0	0	0	1.0	0
Critical hours	2135.4	2109.4	2208.0	1268.0	2096.8	2184.0	2077.1	2209.0
Indicator value	1.1	1.8	0.9	1.8	1.8	0.9	1.8	0.8

Licensee Comments: none

Unplanned Scrams with Complications



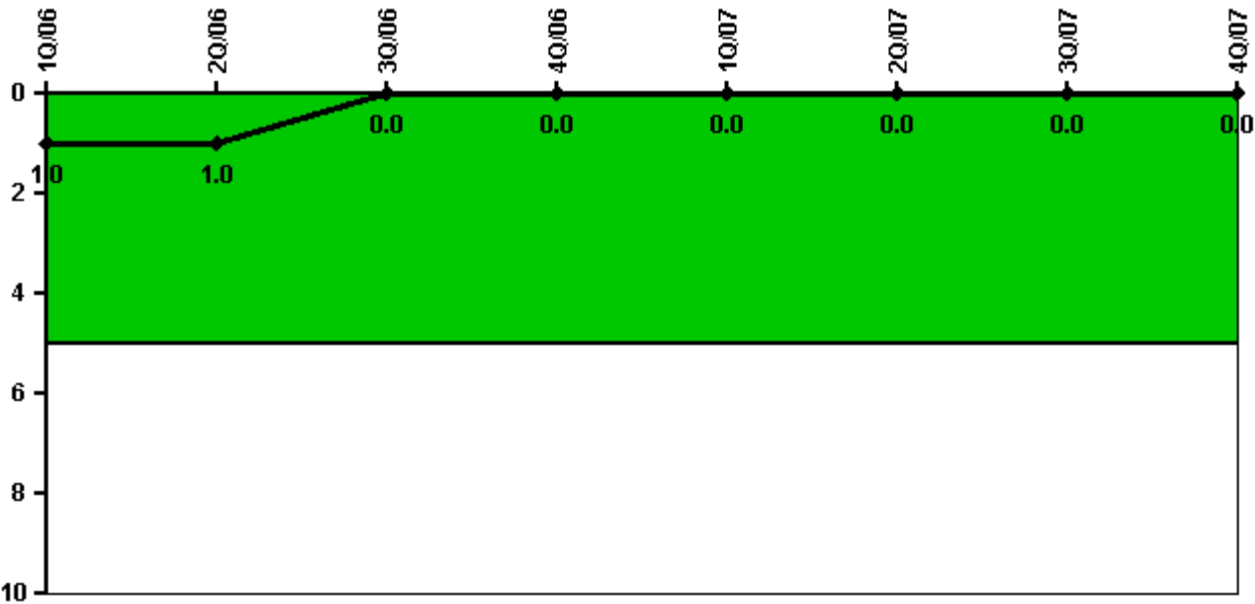
Thresholds: White > 1.0

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)



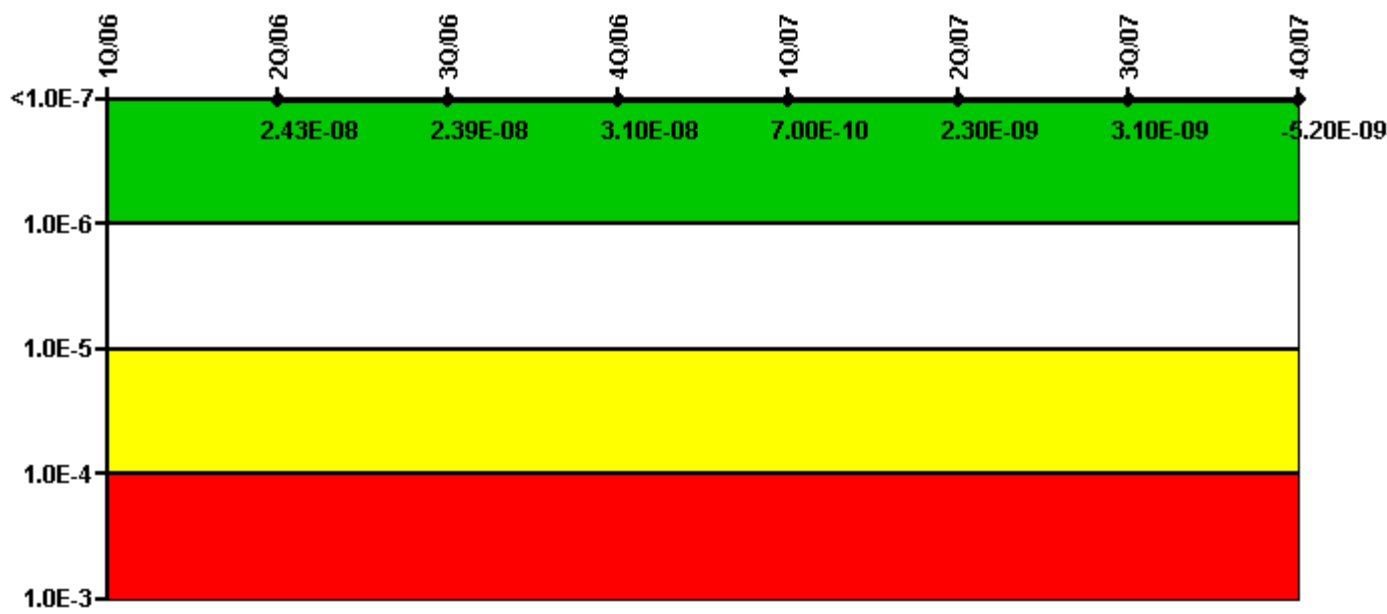
Thresholds: White > 5.0

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



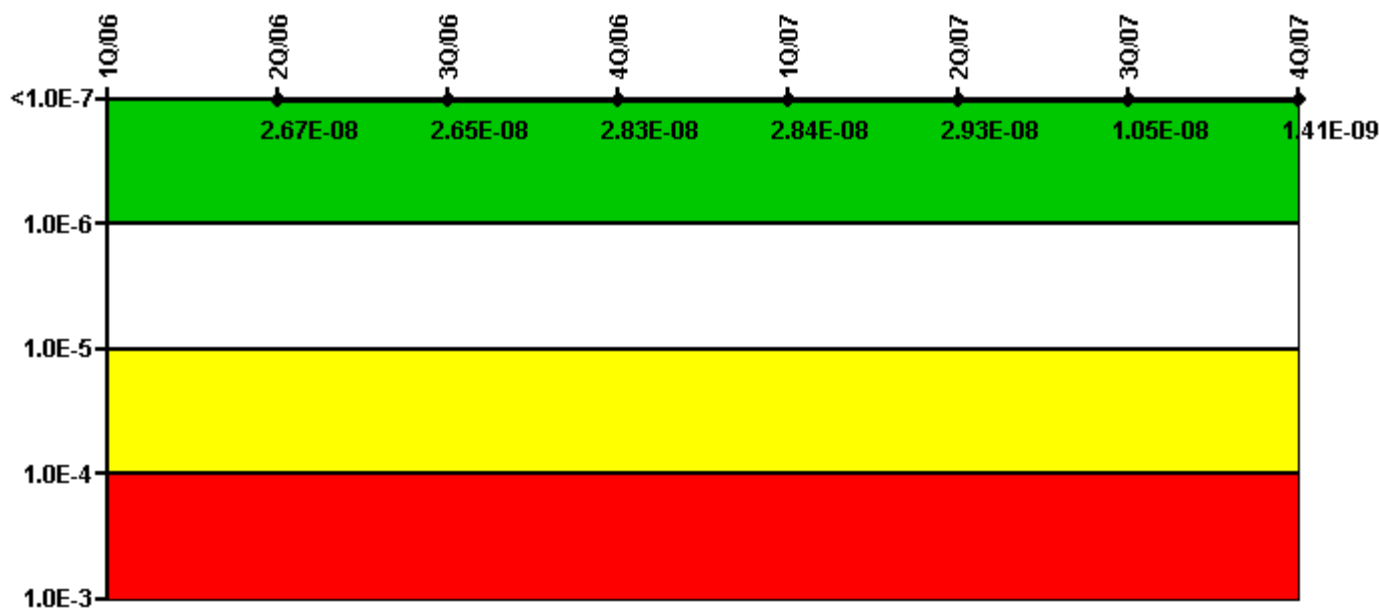
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI (ACDF)		2.30E-09	1.90E-09	1.10E-08	3.50E-09	6.20E-09	6.60E-09	1.70E-09
URI (ACDF)		2.20E-08	2.20E-08	2.00E-08	-2.80E-09	-3.90E-09	-3.50E-09	-6.90E-09
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		2.43E-08	2.39E-08	3.10E-08	7.00E-10	2.30E-09	3.10E-09	-5.20E-09

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



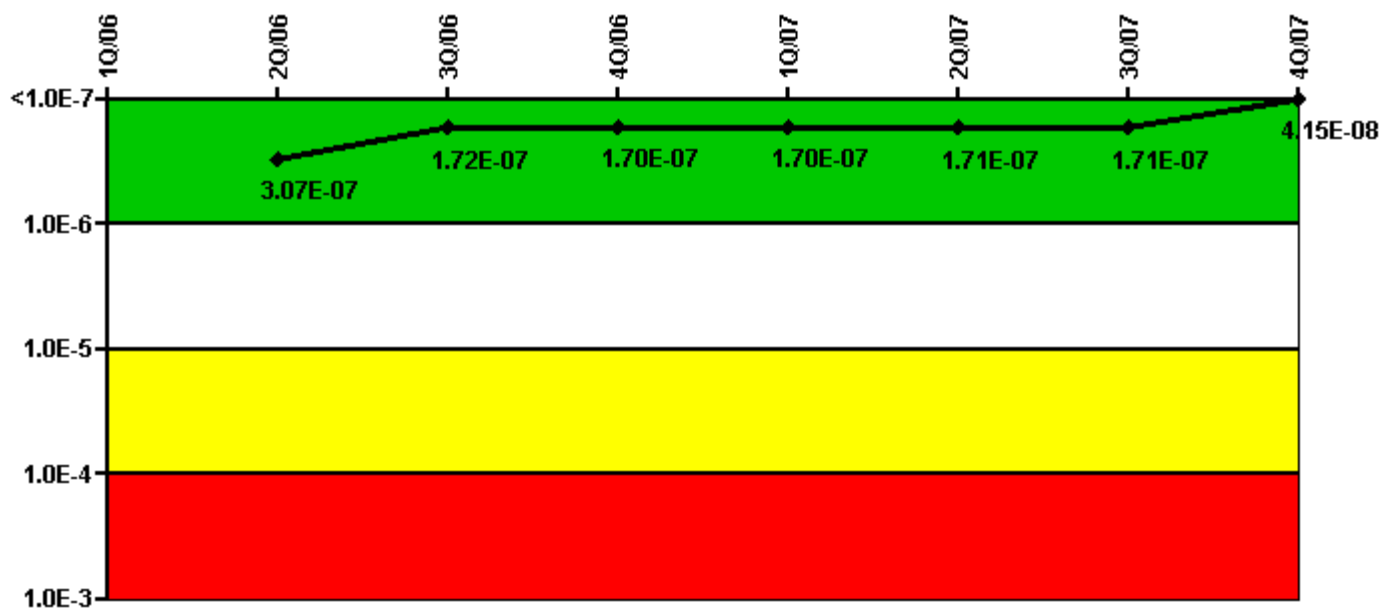
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI (ΔCDF)		-5.30E-09	-4.50E-09	-1.70E-09	-1.60E-09	-1.70E-09	-1.50E-09	1.10E-10
URI (ΔCDF)		3.20E-08	3.10E-08	3.00E-08	3.00E-08	3.10E-08	1.20E-08	1.30E-09
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		2.67E-08	2.65E-08	2.83E-08	2.84E-08	2.93E-08	1.05E-08	1.41E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



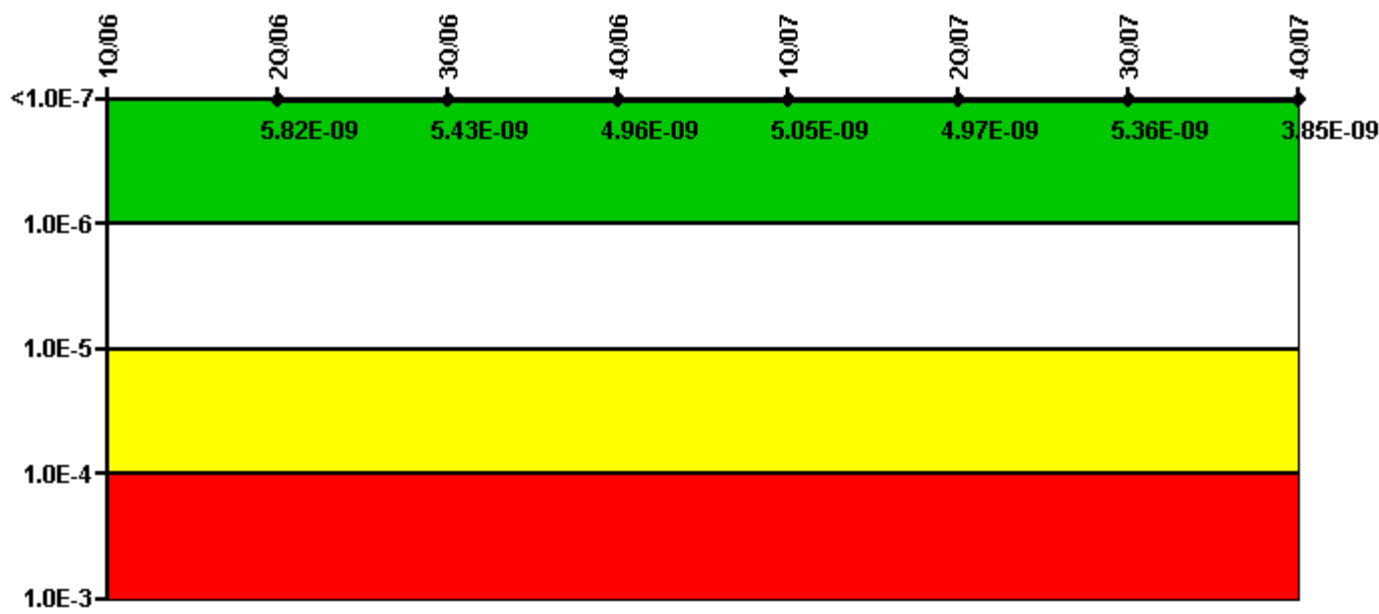
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI (ACDF)		6.90E-09	2.20E-09	9.00E-11	1.20E-10	1.00E-09	1.10E-09	-5.20E-10
URI (ACDF)		3.00E-07	1.70E-07	1.70E-07	1.70E-07	1.70E-07	1.70E-07	4.20E-08
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		3.07E-07	1.72E-07	1.70E-07	1.70E-07	1.71E-07	1.71E-07	4.15E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



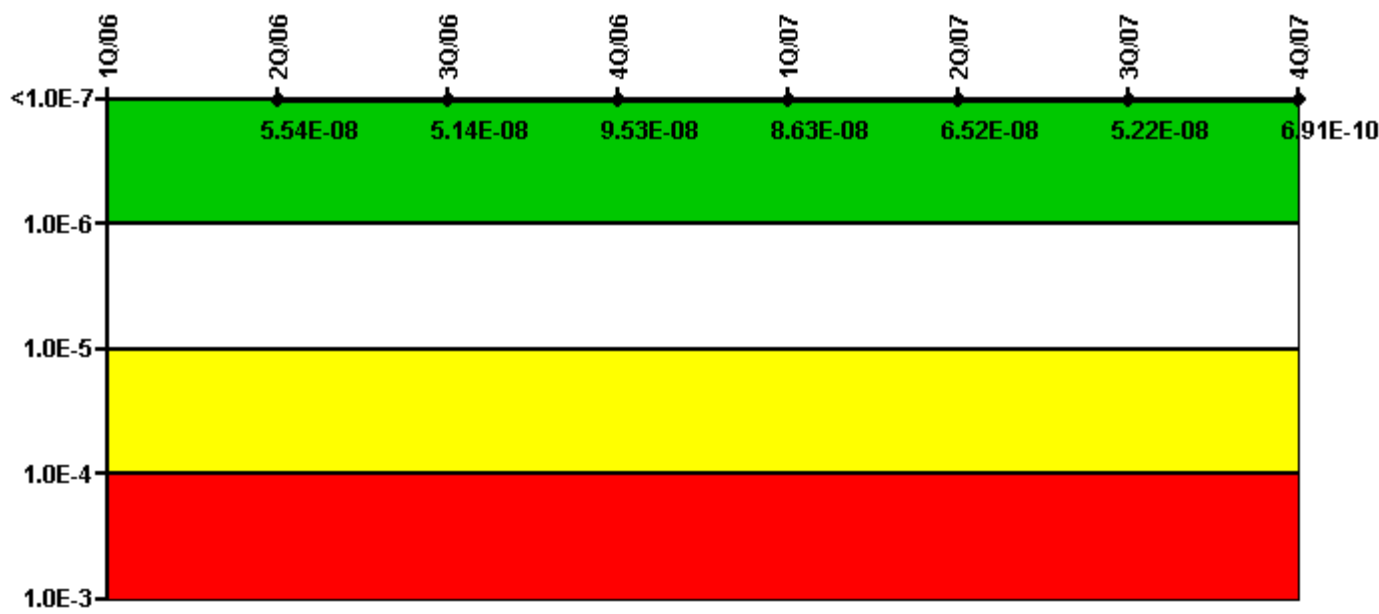
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI (ΔCDF)		7.20E-10	-6.90E-11	-3.80E-11	-5.20E-11	-2.70E-11	5.60E-10	9.50E-10
URI (ΔCDF)		5.10E-09	5.50E-09	5.00E-09	5.10E-09	5.00E-09	4.80E-09	2.90E-09
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		5.82E-09	5.43E-09	4.96E-09	5.05E-09	4.97E-09	5.36E-09	3.85E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



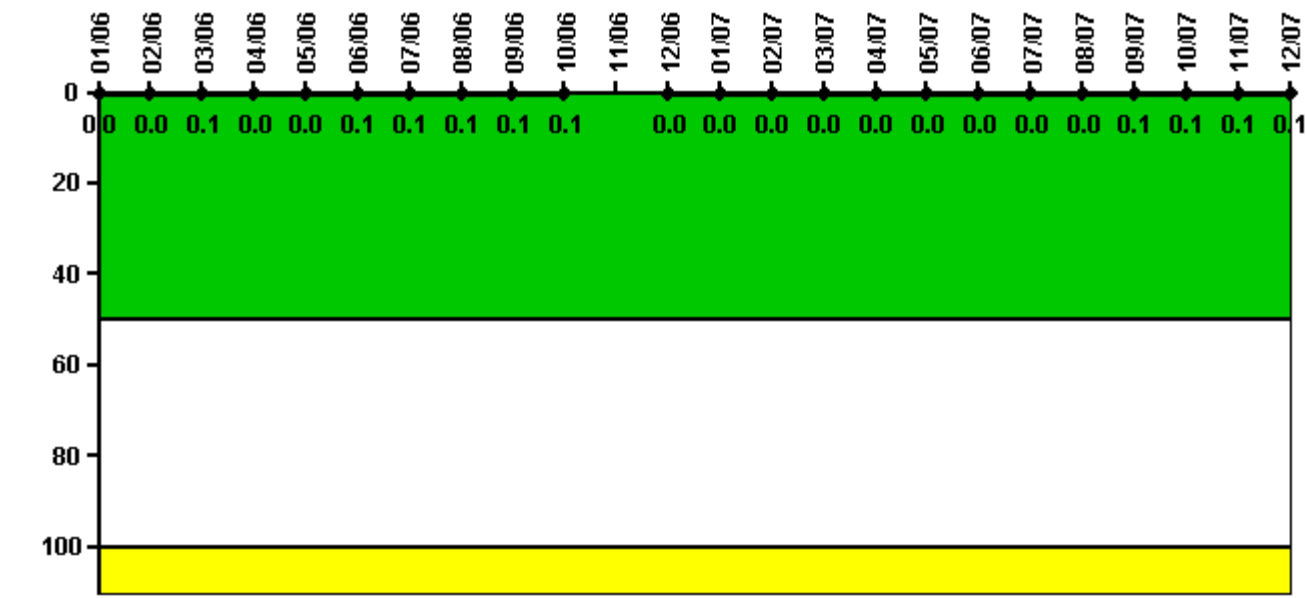
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI (ΔCDF)		5.40E-08	5.00E-08	9.40E-08	8.50E-08	6.40E-08	5.10E-08	6.00E-10
URI (ΔCDF)		1.40E-09	1.40E-09	1.30E-09	1.30E-09	1.20E-09	1.20E-09	9.10E-11
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		5.54E-08	5.14E-08	9.53E-08	8.63E-08	6.52E-08	5.22E-08	6.91E-10

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

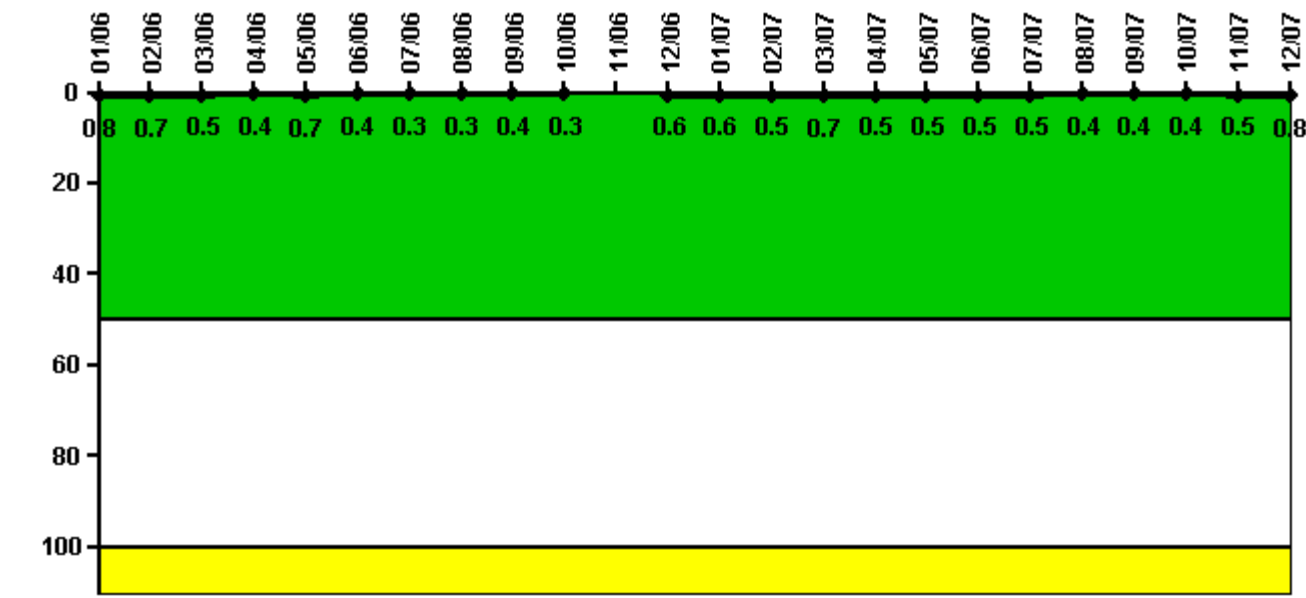
Notes

Reactor Coolant System Activity	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06
Maximum activity	0.000430	0.000480	0.000779	0.000478	0.000474	0.000506	0.000671	0.000610	0.000580	0.000641	N/A	0.000336
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0.1	0	0	0.1	0.1	0.1	0.1	0.1	N/A	0

Reactor Coolant System Activity	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07
Maximum activity	0.000305	0.000336	0.000366	0.000397	0.000397	0.000397	0.000427	0.000458	0.000641	0.000641	0.000580	0.000549
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

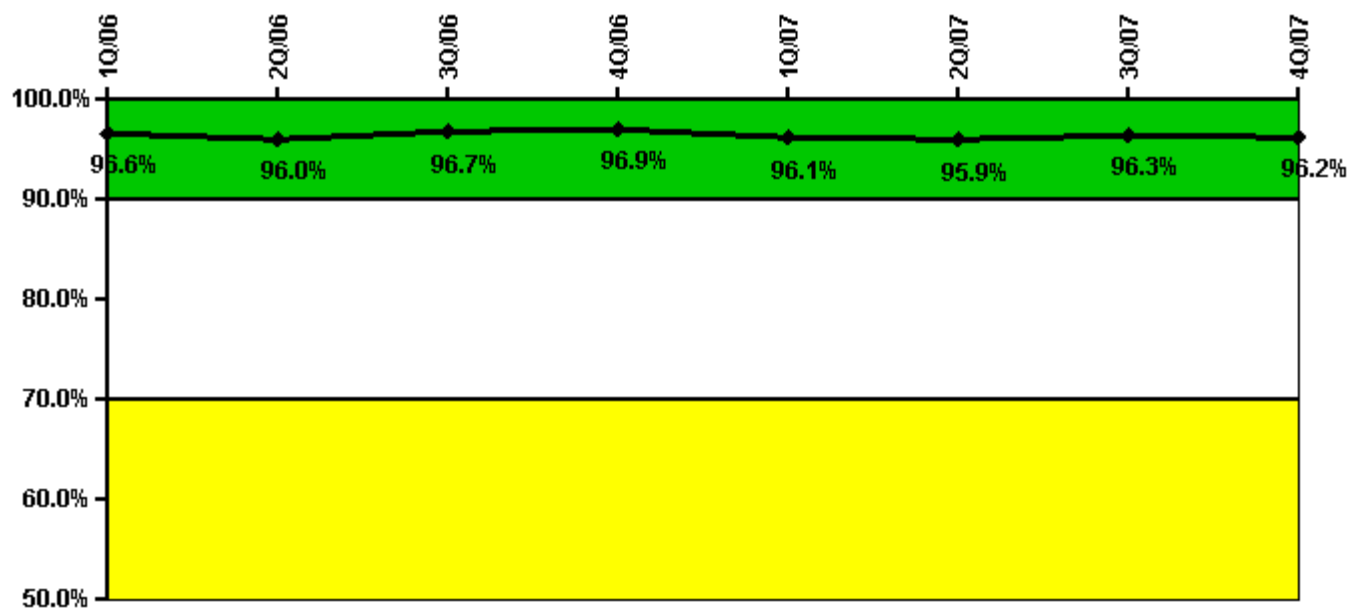
Notes

Reactor Coolant System Leakage	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06
Maximum leakage	0.080	0.070	0.050	0.040	0.070	0.040	0.030	0.030	0.040	0.030	N/A	0.060
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.8	0.7	0.5	0.4	0.7	0.4	0.3	0.3	0.4	0.3	N/A	0.6

Reactor Coolant System Leakage	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07
Maximum leakage	0.060	0.050	0.070	0.050	0.050	0.050	0.050	0.040	0.040	0.040	0.050	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	0.6	0.5	0.7	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.5	0.8

Licensee Comments: none

Drill/Exercise Performance



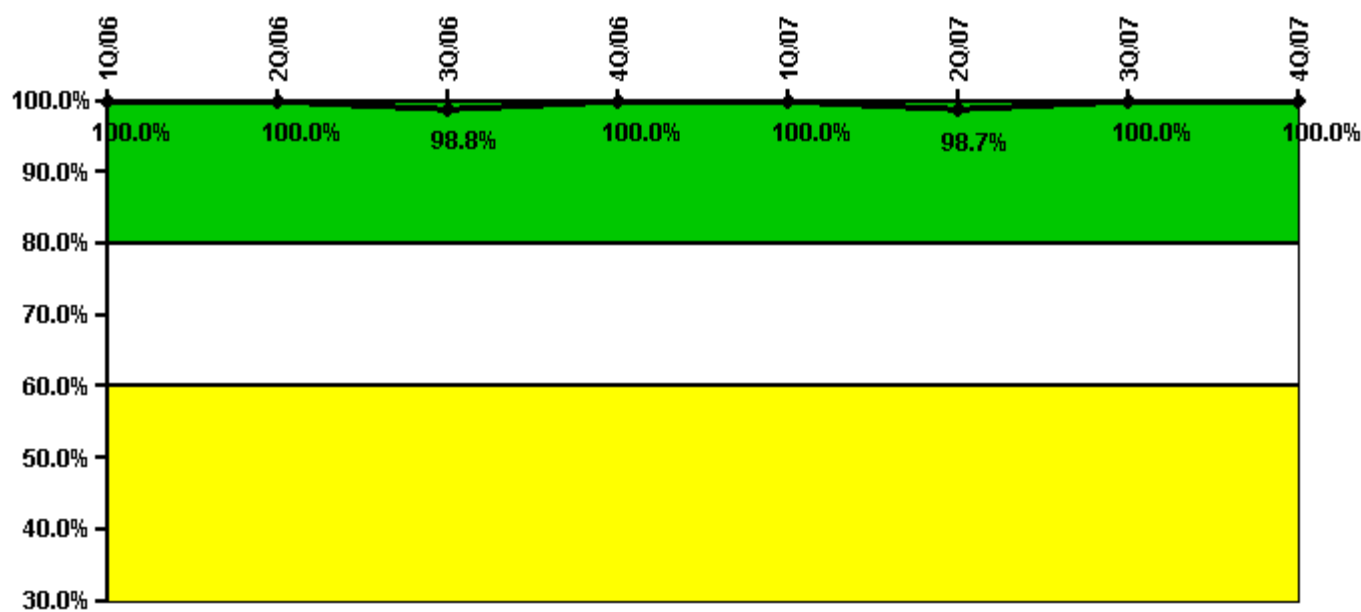
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Successful opportunities	75.0	38.0	50.0	22.0	72.0	34.0	30.0	36.0
Total opportunities	75.0	41.0	51.0	22.0	79.0	35.0	30.0	38.0
Indicator value	96.6%	96.0%	96.7%	96.9%	96.1%	95.9%	96.3%	96.2%

Licensee Comments: none

ERO Drill Participation



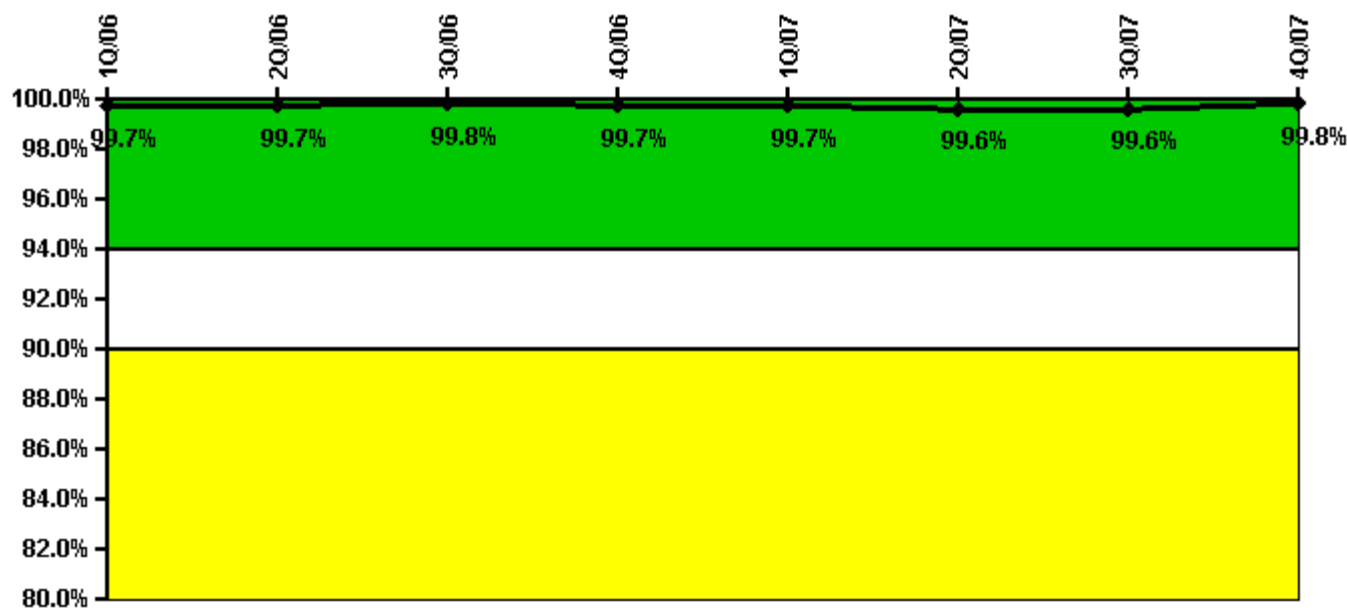
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Participating Key personnel	89.0	90.0	83.0	84.0	83.0	78.0	83.0	82.0
Total Key personnel	89.0	90.0	84.0	84.0	83.0	79.0	83.0	82.0
Indicator value	100.0%	100.0%	98.8%	100.0%	100.0%	98.7%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



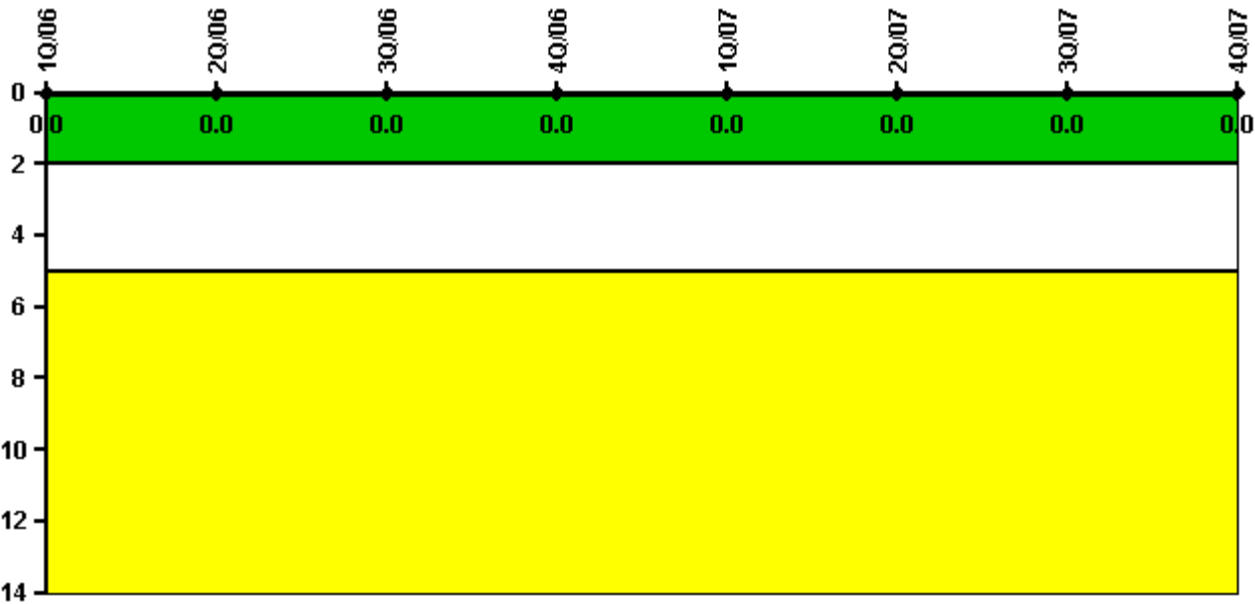
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Successful siren-tests	328	422	328	374	328	375	328	376
Total sirens-tests	329	423	329	376	329	376	329	376
Indicator value	99.7%	99.7%	99.8%	99.7%	99.7%	99.6%	99.6%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



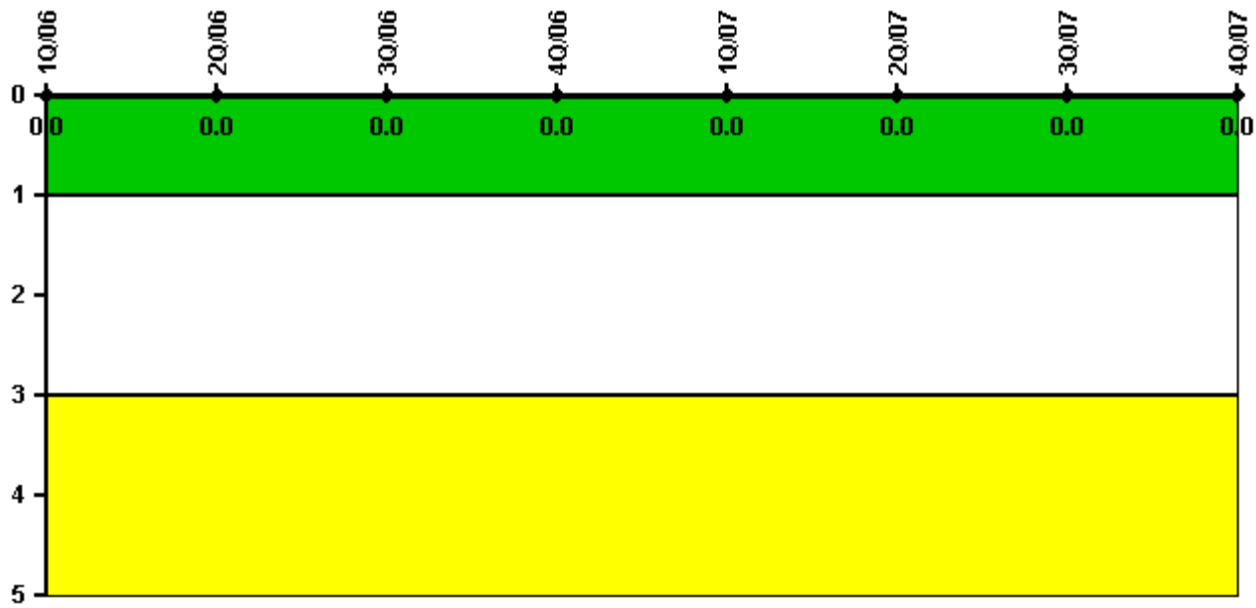
Thresholds: White > 2.0 Yellow > 5.0

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](#)

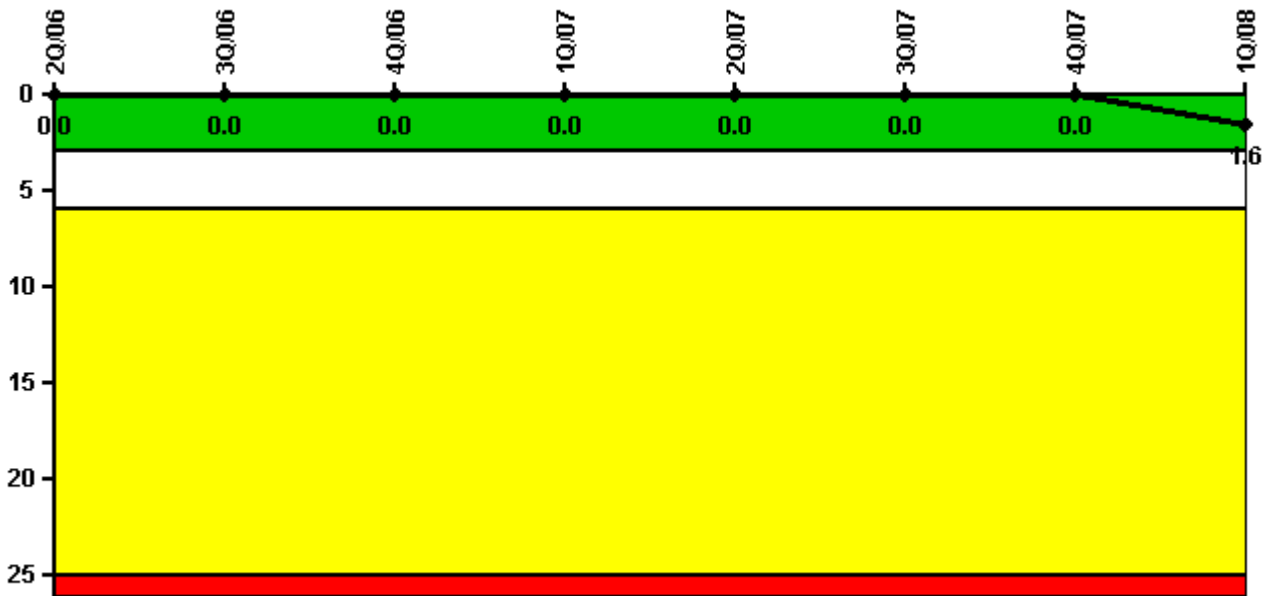
Last Modified: February 4, 2008

Turkey Point 4

1Q/2008 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



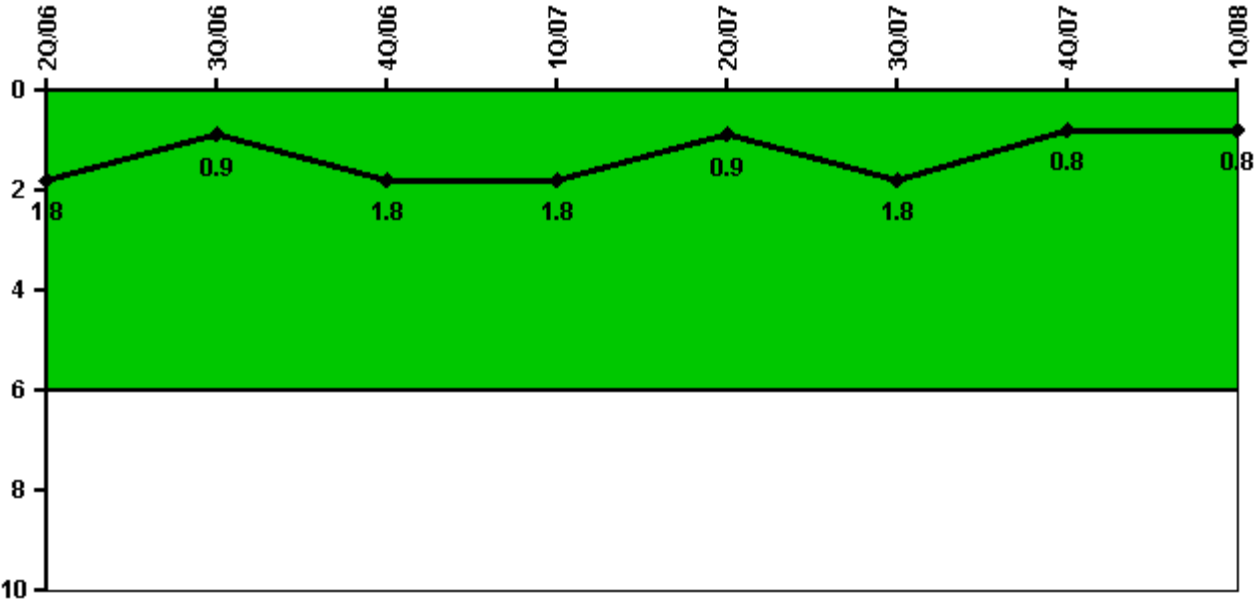
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Unplanned scrams	0	0	0	0	0	0	0	2.0
Critical hours	2109.4	2208.0	1268.0	2096.8	2184.0	2077.1	2209.0	2098.6
Indicator value	0	0	0	0	0	0	0	1.6

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



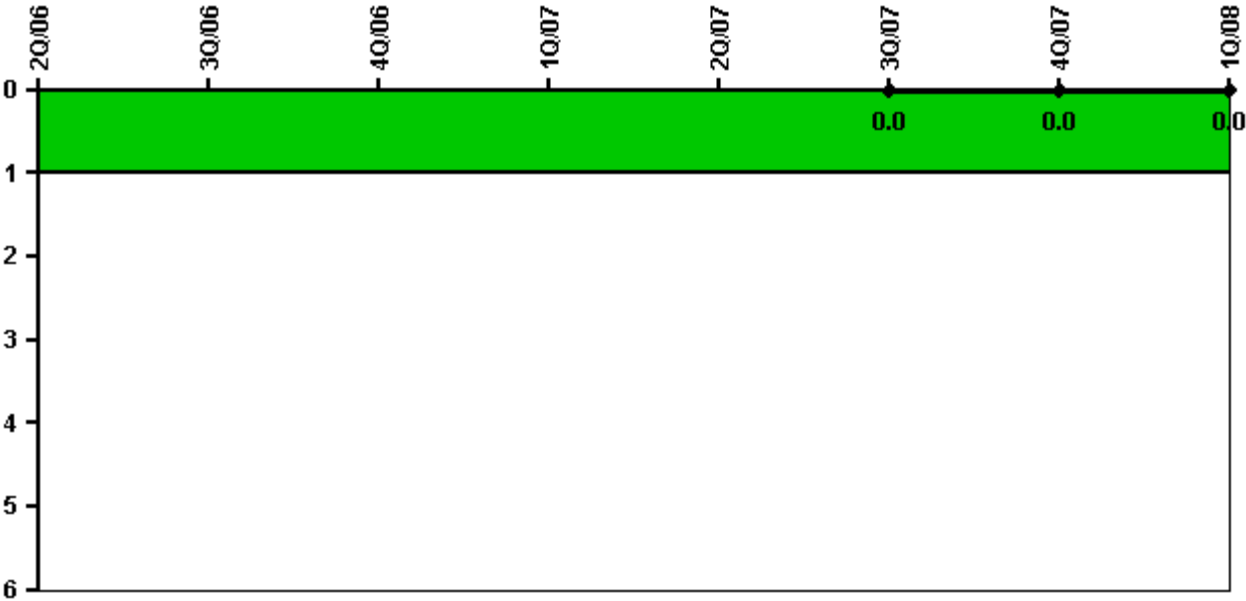
Thresholds: White > 6.0

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	1.0	0	0	1.0	0	0
Critical hours	2109.4	2208.0	1268.0	2096.8	2184.0	2077.1	2209.0	2098.6
Indicator value	1.8	0.9	1.8	1.8	0.9	1.8	0.8	0.8

Licensee Comments: none

Unplanned Scrams with Complications



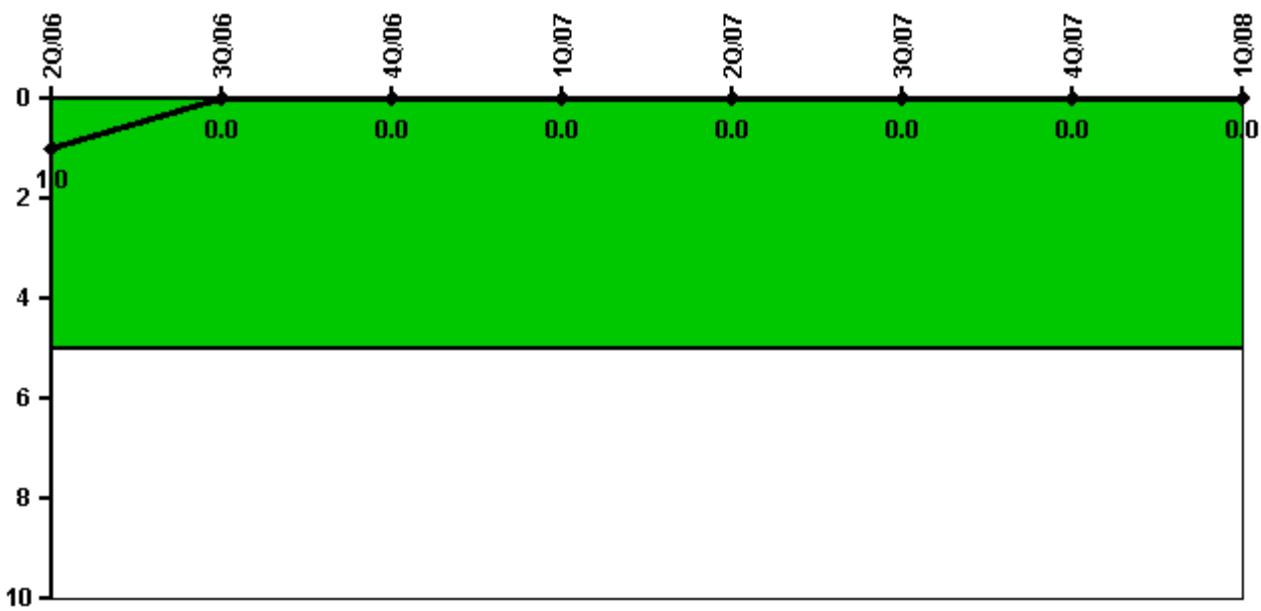
Thresholds: White > 1.0

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)



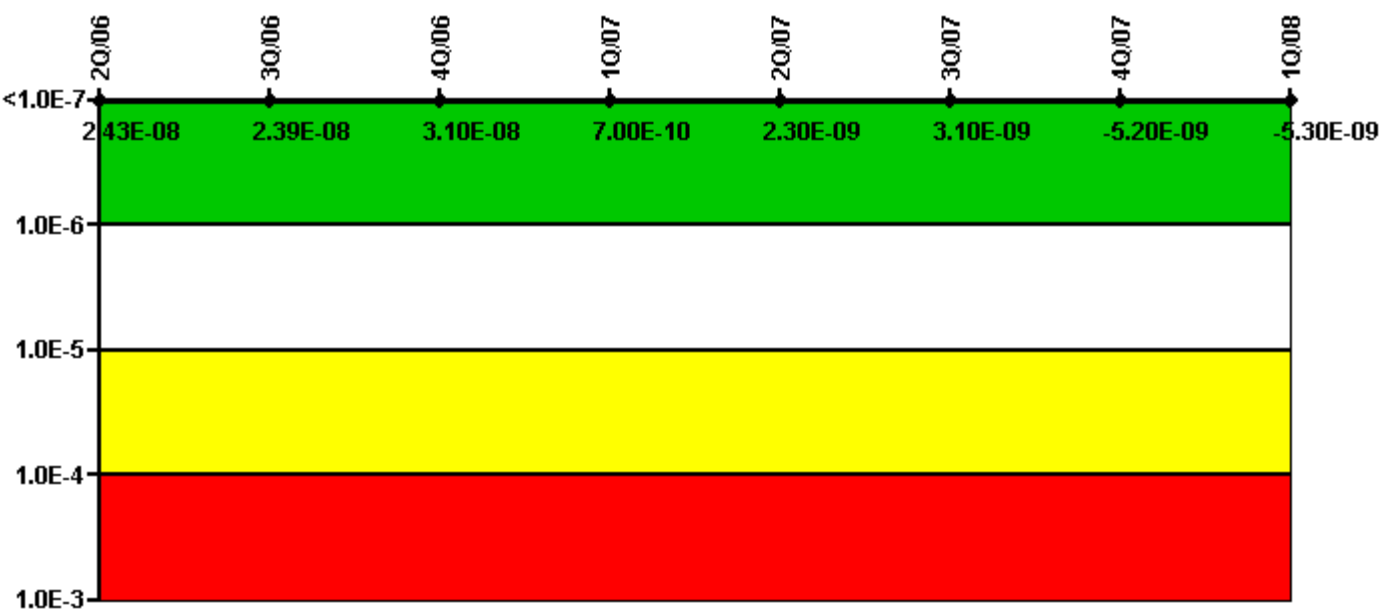
Thresholds: White > 5.0

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	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



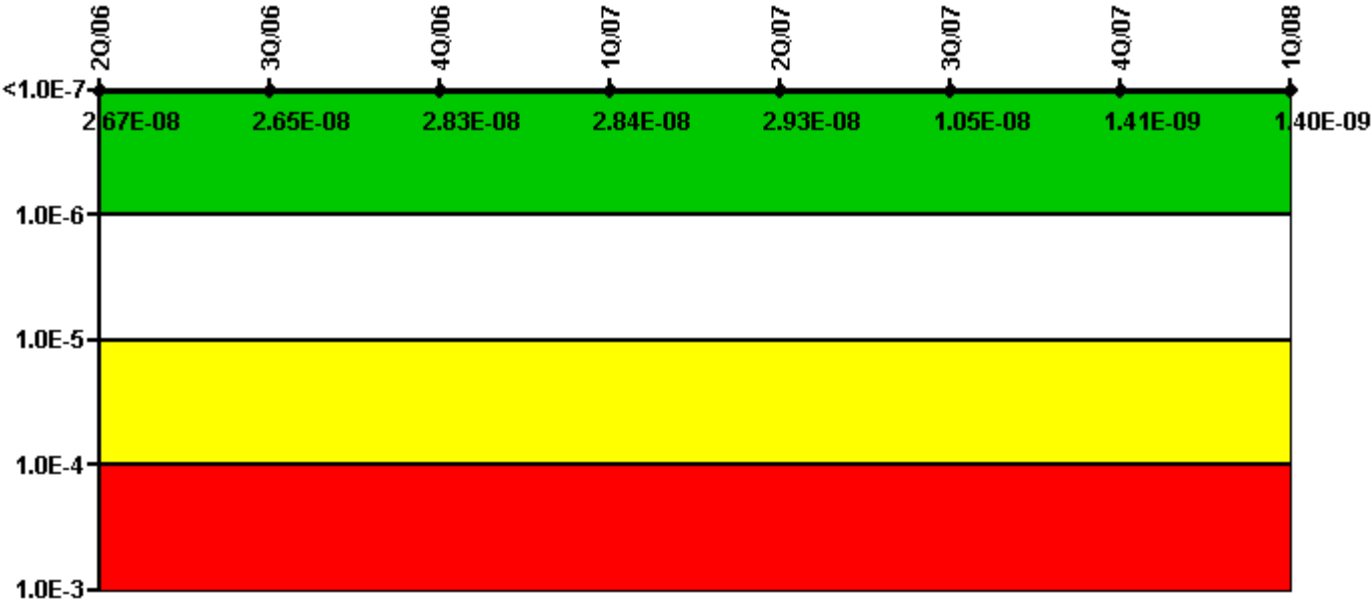
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (ΔCDF)	2.30E-09	1.90E-09	1.10E-08	3.50E-09	6.20E-09	6.60E-09	1.70E-09	1.70E-09
URI (ΔCDF)	2.20E-08	2.20E-08	2.00E-08	-2.80E-09	-3.90E-09	-3.50E-09	-6.90E-09	-7.00E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.43E-08	2.39E-08	3.10E-08	7.00E-10	2.30E-09	3.10E-09	-5.20E-09	-5.30E-09

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



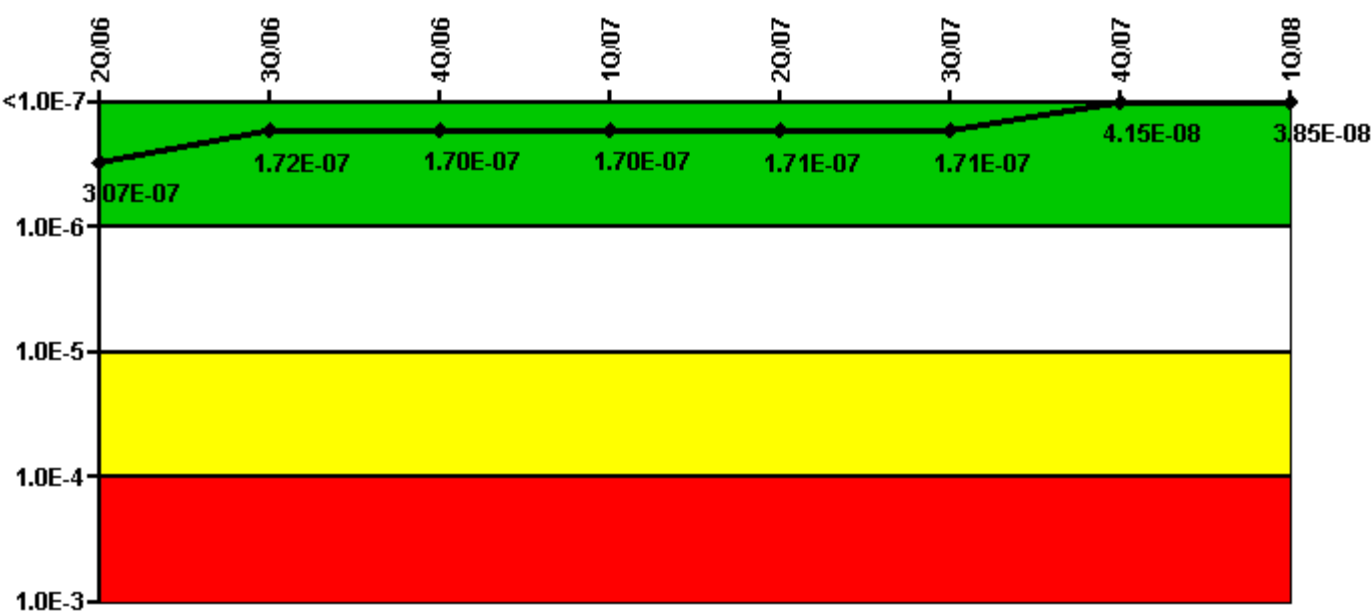
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (ΔCDF)	-5.30E-09	-4.50E-09	-1.70E-09	-1.60E-09	-1.70E-09	-1.50E-09	1.10E-10	9.90E-11
URI (ΔCDF)	3.20E-08	3.10E-08	3.00E-08	3.00E-08	3.10E-08	1.20E-08	1.30E-09	1.30E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.67E-08	2.65E-08	2.83E-08	2.84E-08	2.93E-08	1.05E-08	1.41E-09	1.40E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



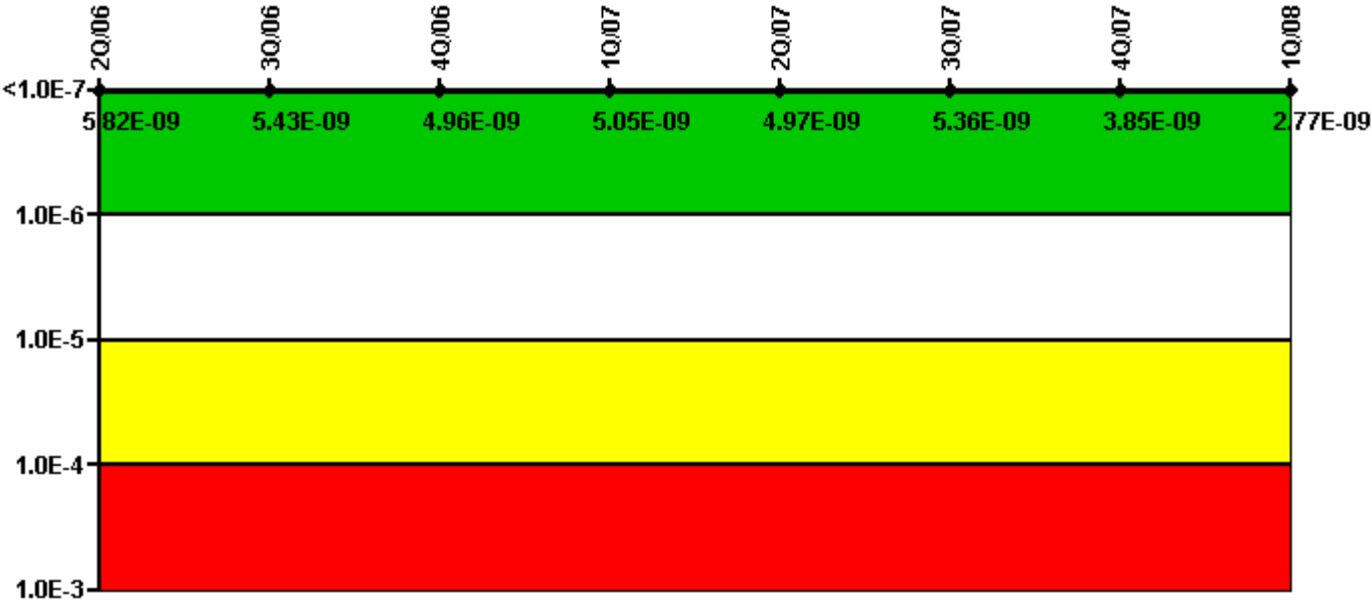
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (ΔCDF)	6.90E-09	2.20E-09	9.00E-11	1.20E-10	1.00E-09	1.10E-09	-5.20E-10	-5.20E-10
URI (ΔCDF)	3.00E-07	1.70E-07	1.70E-07	1.70E-07	1.70E-07	1.70E-07	4.20E-08	3.90E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.07E-07	1.72E-07	1.70E-07	1.70E-07	1.71E-07	1.71E-07	4.15E-08	3.85E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

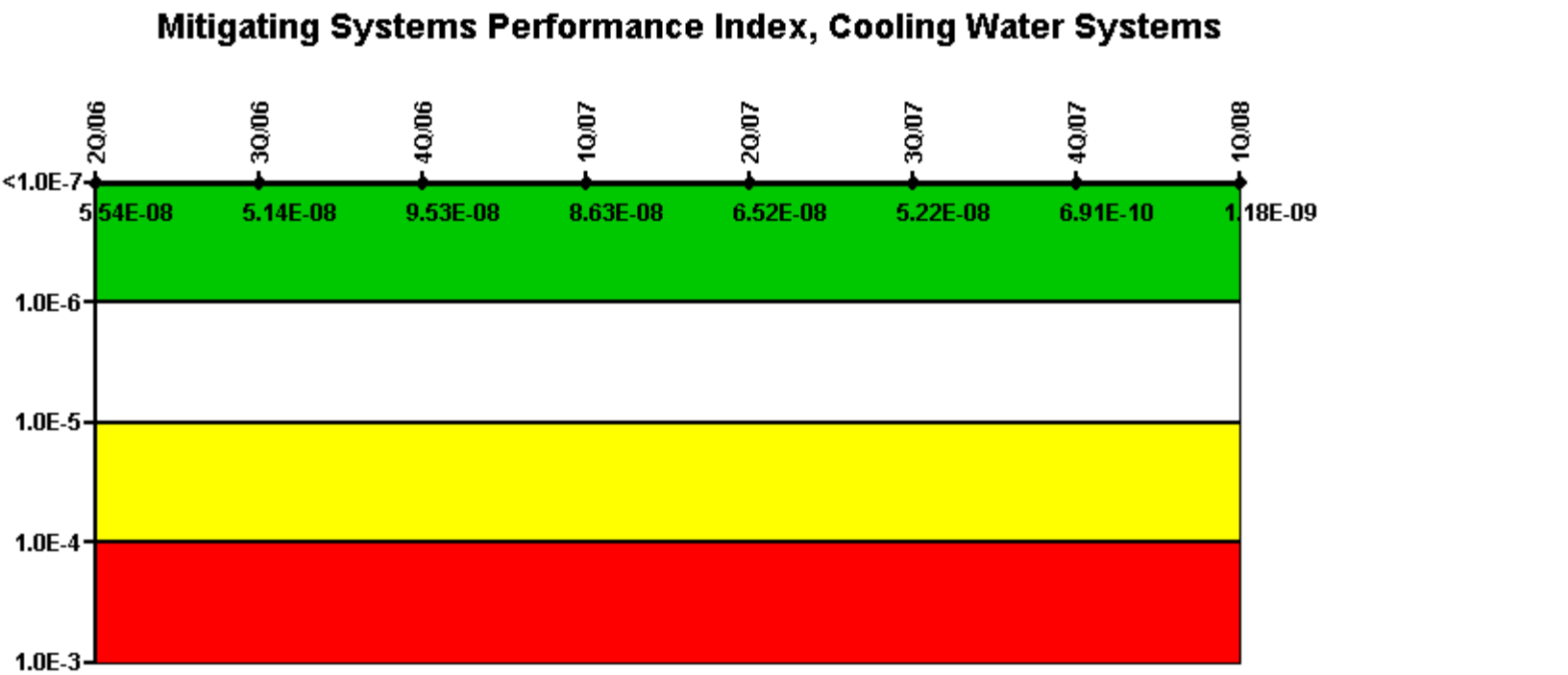


Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (ΔCDF)	7.20E-10	-6.90E-11	-3.80E-11	-5.20E-11	-2.70E-11	5.60E-10	9.50E-10	-3.50E-11
URI (ΔCDF)	5.10E-09	5.50E-09	5.00E-09	5.10E-09	5.00E-09	4.80E-09	2.90E-09	2.80E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	5.82E-09	5.43E-09	4.96E-09	5.05E-09	4.97E-09	5.36E-09	3.85E-09	2.77E-09

Licensee Comments: none



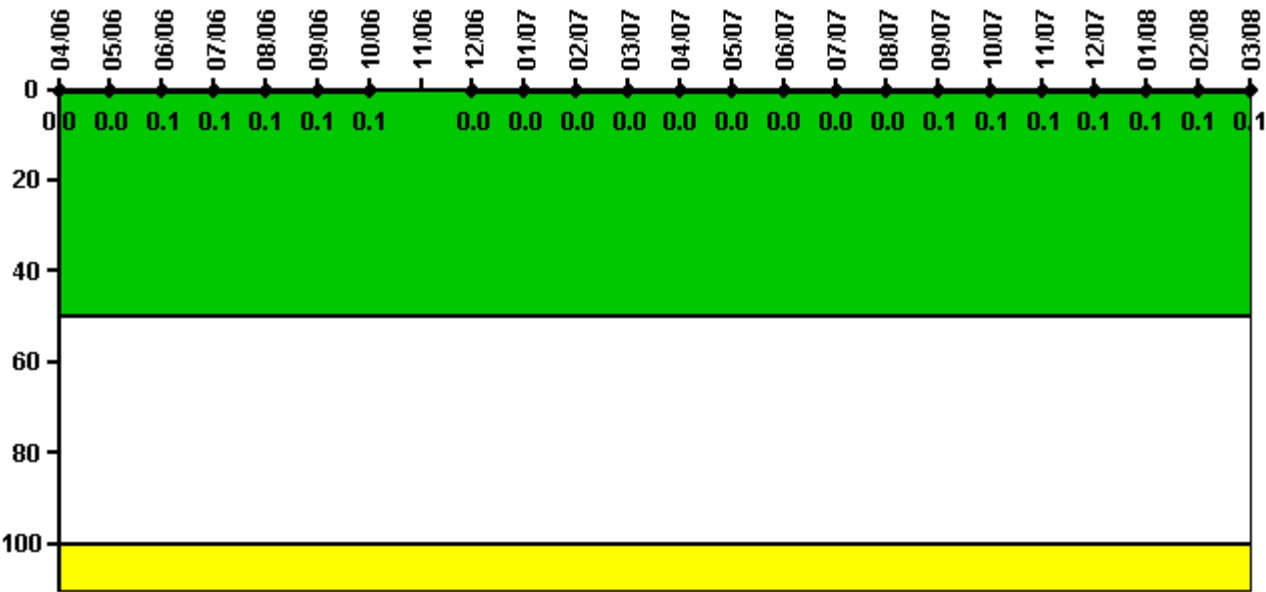
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	5.40E-08	5.00E-08	9.40E-08	8.50E-08	6.40E-08	5.10E-08	6.00E-10	8.00E-10
URI (ΔCDF)	1.40E-09	1.40E-09	1.30E-09	1.30E-09	1.20E-09	1.20E-09	9.10E-11	3.80E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	5.54E-08	5.14E-08	9.53E-08	8.63E-08	6.52E-08	5.22E-08	6.91E-10	1.18E-09

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

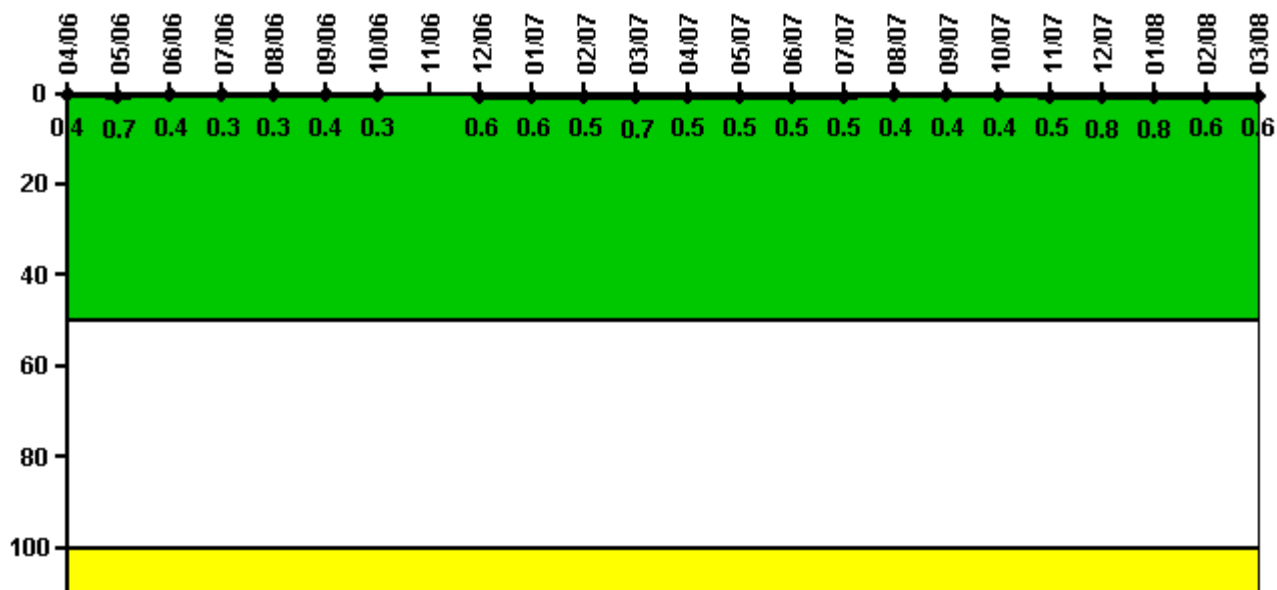
Notes

Reactor Coolant System Activity	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07
Maximum activity	0.000478	0.000474	0.000506	0.000671	0.000610	0.000580	0.000641	N/A	0.000336	0.000305	0.000336	0.000366
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0.1	0.1	0.1	0.1	0.1	N/A	0	0	0	0

Reactor Coolant System Activity	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08
Maximum activity	0.000397	0.000397	0.000397	0.000427	0.000458	0.000641	0.000641	0.000580	0.000549	0.000710	0.000605	0.000657
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



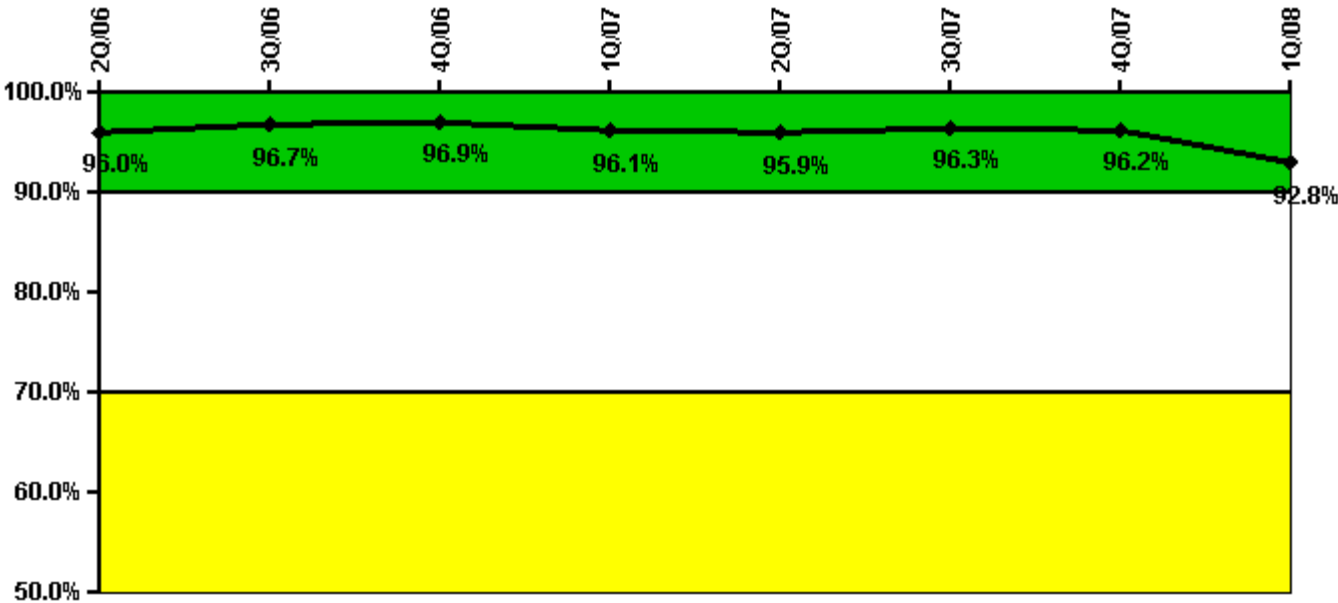
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07
Maximum leakage	0.040	0.070	0.040	0.030	0.030	0.040	0.030	N/A	0.060	0.060	0.050	0.070
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.7	0.4	0.3	0.3	0.4	0.3	N/A	0.6	0.6	0.5	0.7
Reactor Coolant System Leakage	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08
Maximum leakage	0.050	0.050	0.050	0.050	0.040	0.040	0.040	0.050	0.080	0.080	0.060	0.060
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.5	0.8	0.8	0.6	0.6

Licensee Comments: none

Drill/Exercise Performance



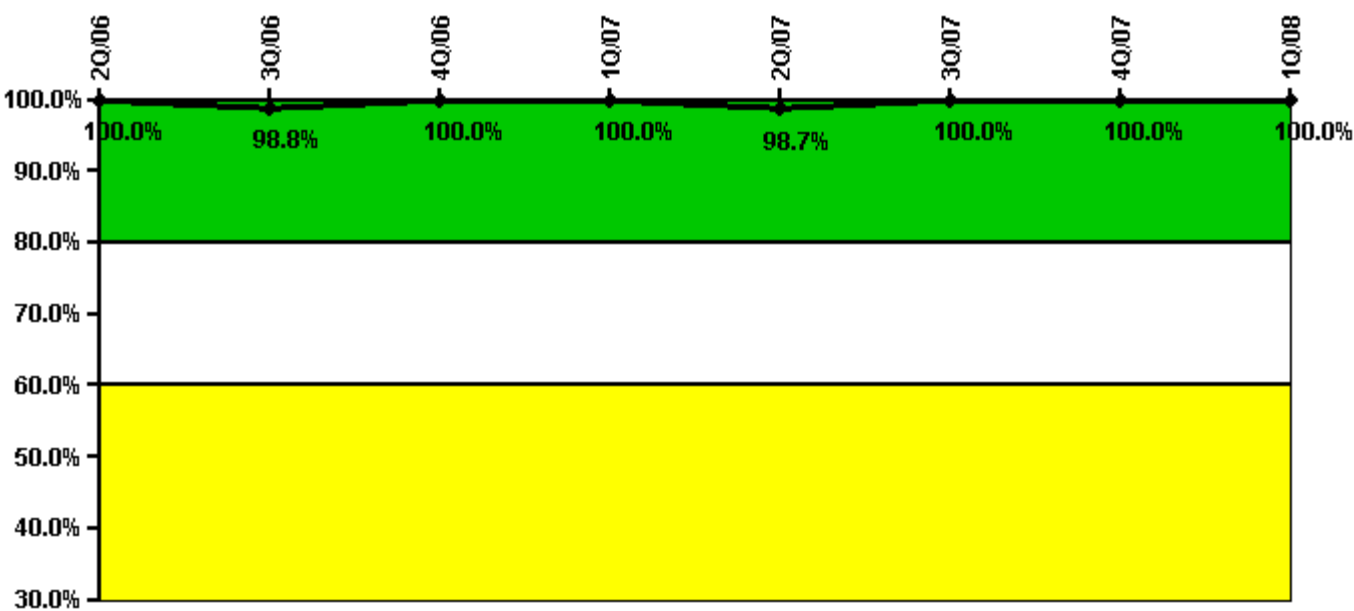
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Successful opportunities	38.0	50.0	22.0	72.0	34.0	30.0	36.0	38.0
Total opportunities	41.0	51.0	22.0	79.0	35.0	30.0	38.0	49.0
Indicator value	96.0%	96.7%	96.9%	96.1%	95.9%	96.3%	96.2%	92.8%

Licensee Comments: none

ERO Drill Participation



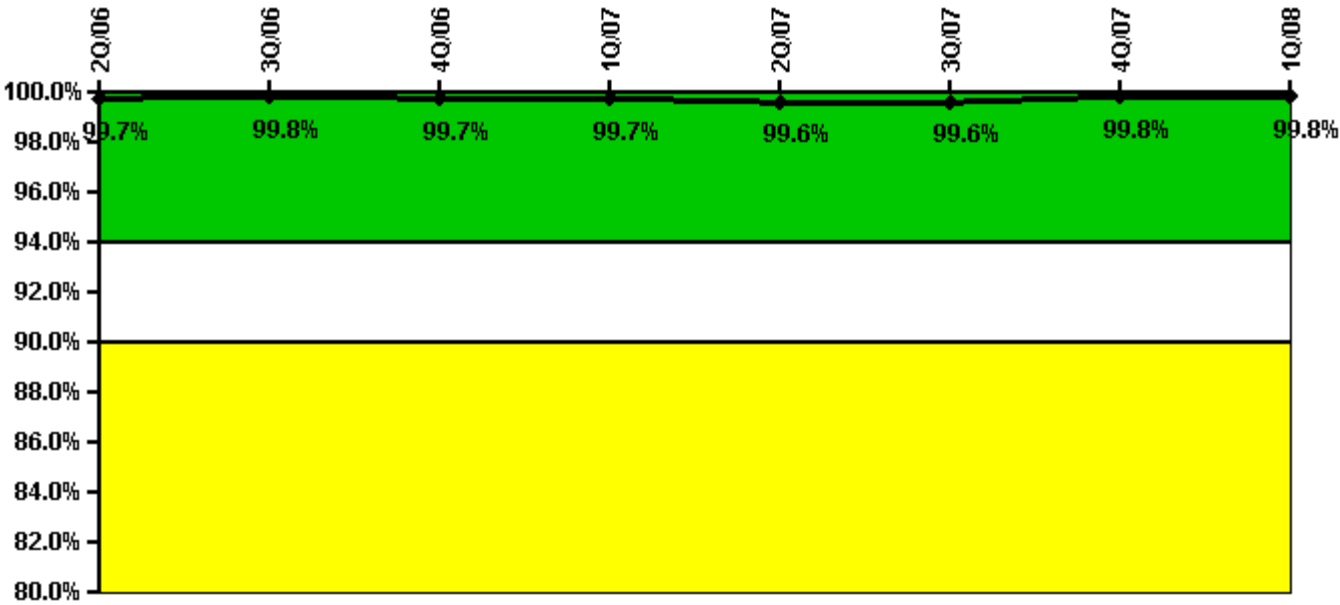
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Participating Key personnel	90.0	83.0	84.0	83.0	78.0	83.0	82.0	80.0
Total Key personnel	90.0	84.0	84.0	83.0	79.0	83.0	82.0	80.0
Indicator value	100.0%	98.8%	100.0%	100.0%	98.7%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



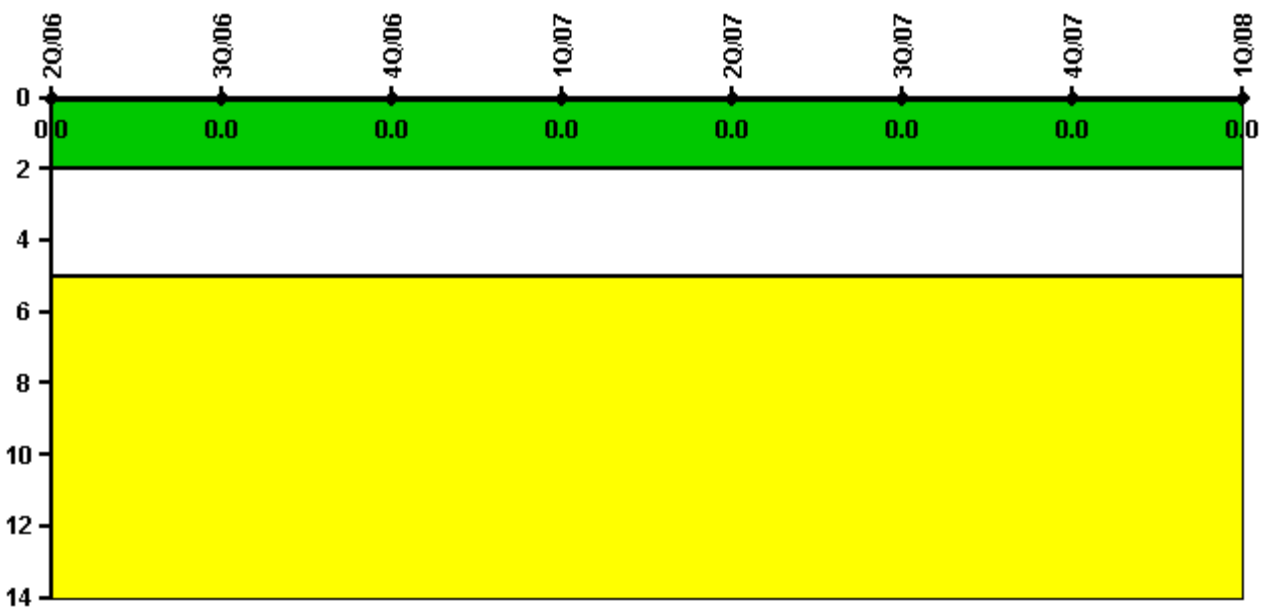
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Successful siren-tests	422	328	374	328	375	328	376	375
Total sirens-tests	423	329	376	329	376	329	376	376
Indicator value	99.7%	99.8%	99.7%	99.7%	99.6%	99.6%	99.8%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	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/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](#)

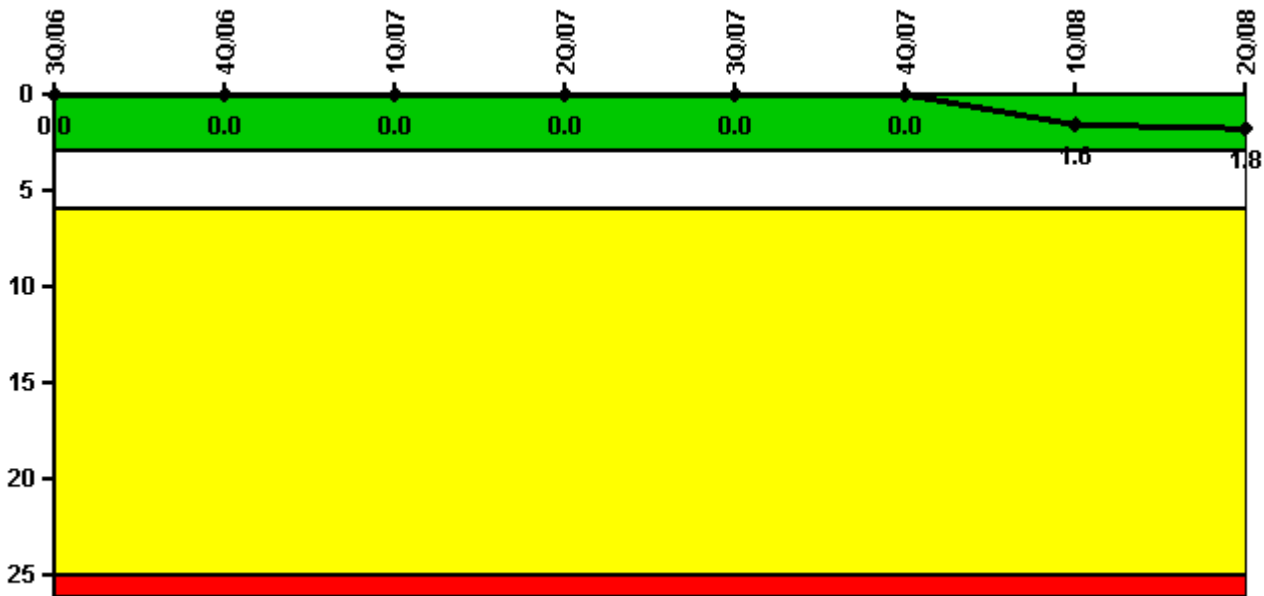
Last Modified: April 30, 2008

Turkey Point 4

2Q/2008 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



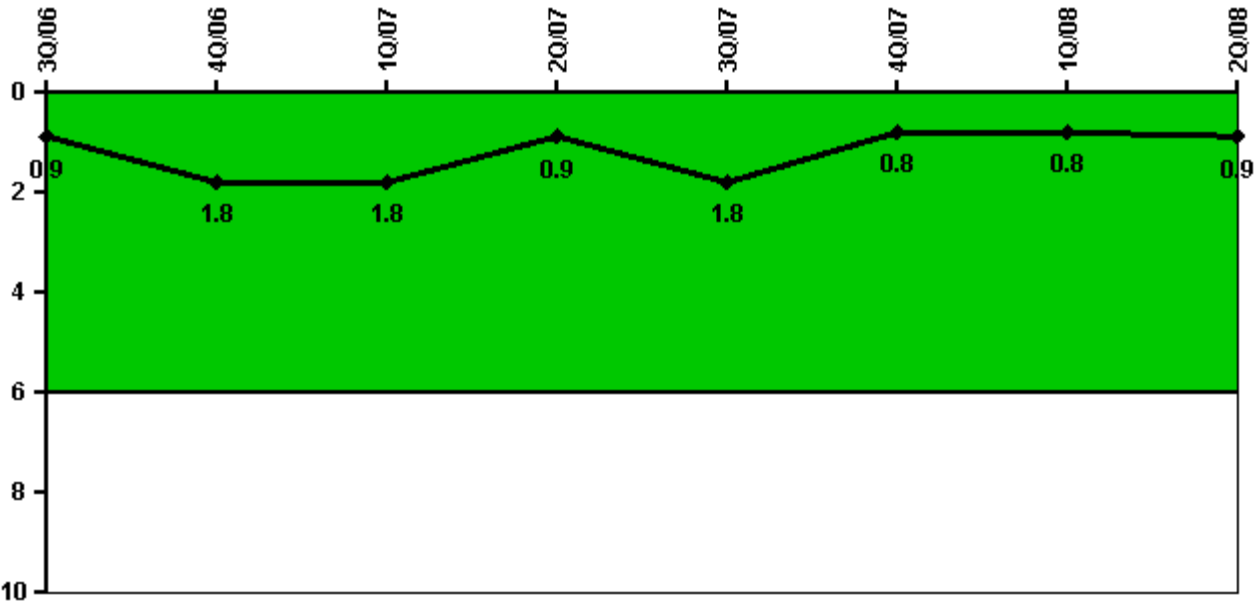
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	2.0	0
Critical hours	2208.0	1268.0	2096.8	2184.0	2077.1	2209.0	2098.6	1255.6
Indicator value	0	0	0	0	0	0	1.6	1.8

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



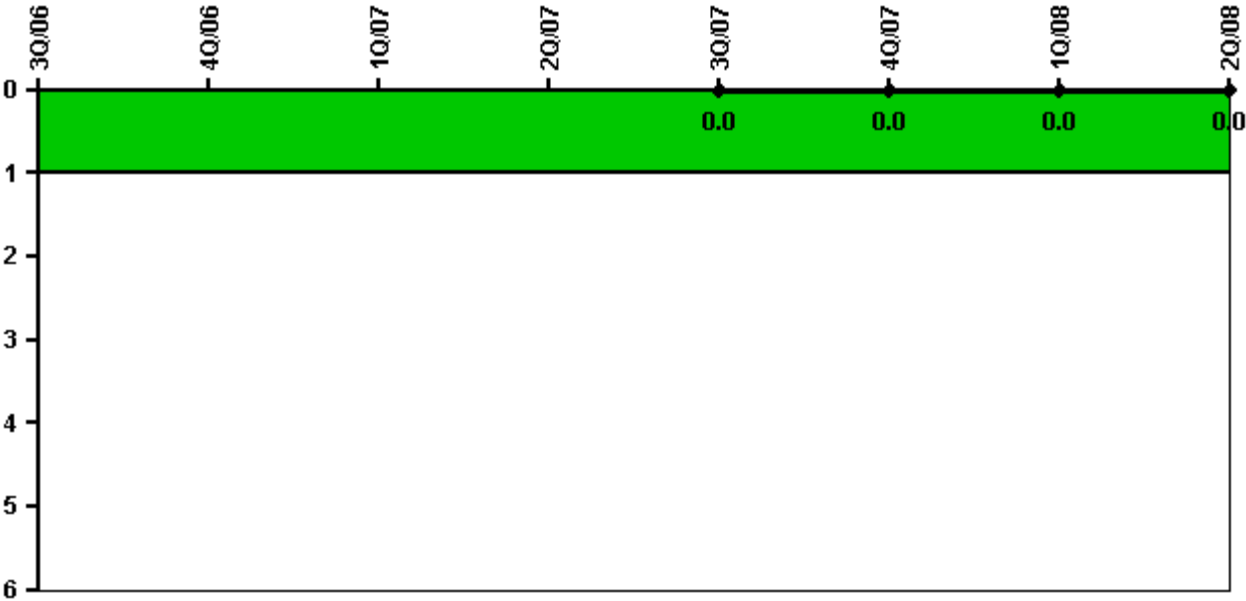
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Unplanned power changes	0	1.0	0	0	1.0	0	0	0
Critical hours	2208.0	1268.0	2096.8	2184.0	2077.1	2209.0	2098.6	1255.6
Indicator value	0.9	1.8	1.8	0.9	1.8	0.8	0.8	0.9

Licensee Comments: none

Unplanned Scrams with Complications



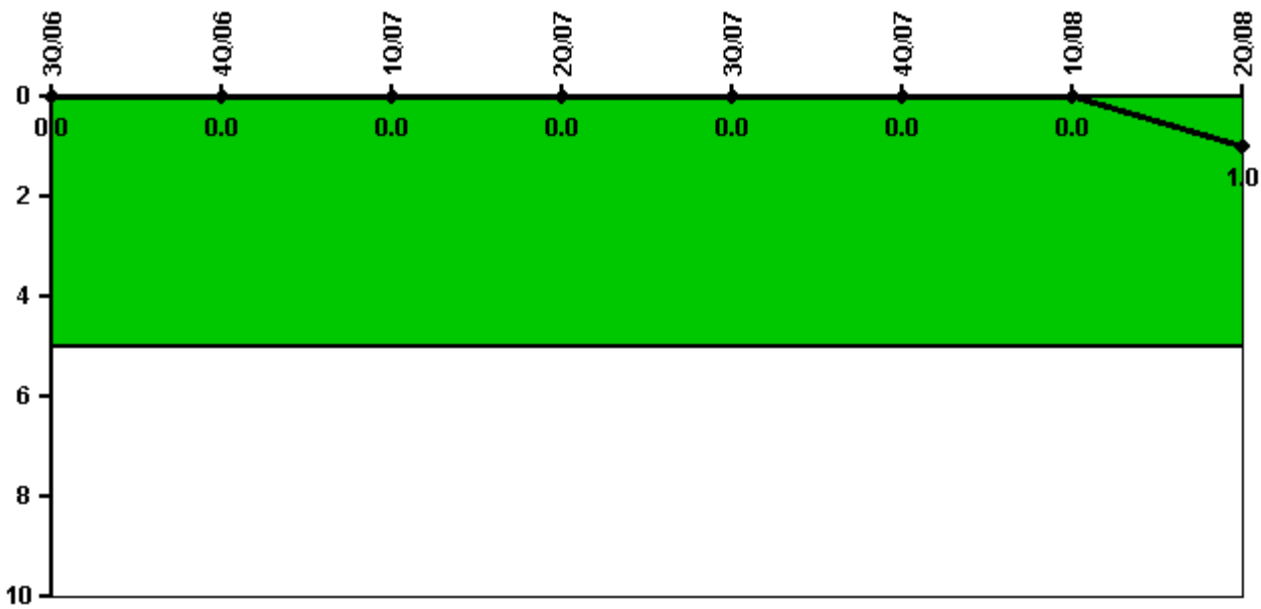
Thresholds: White > 1.0

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

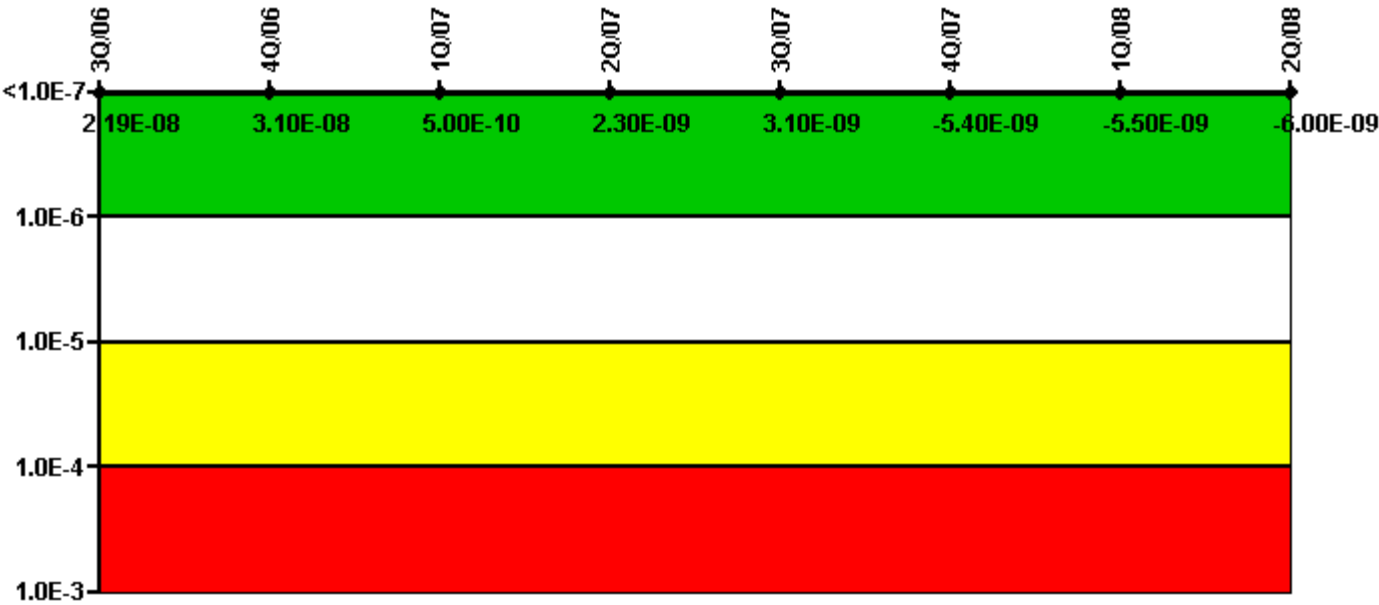
Notes

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

Licensee Comments:

2Q/08: LER 2008-002, "Safety Injection Isolated in Mode 3 Due to Inadequate Configuration Control"

Mitigating Systems Performance Index, Emergency AC Power System



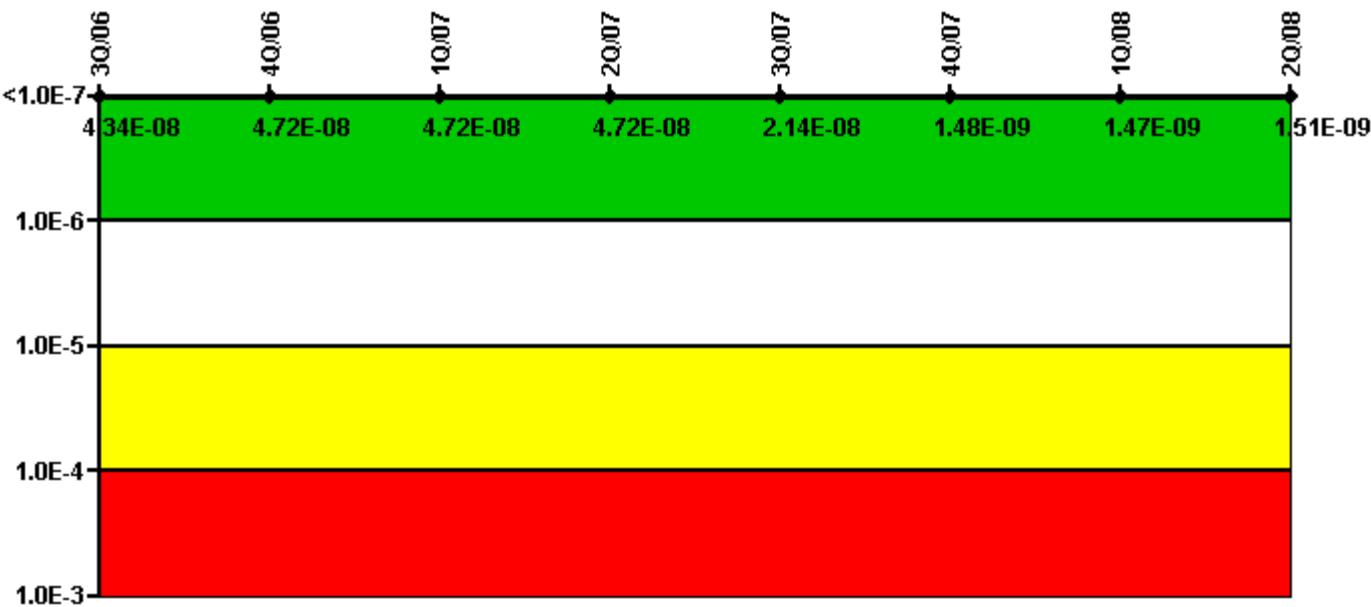
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	1.90E-09	1.10E-08	3.50E-09	6.20E-09	6.60E-09	1.70E-09	1.70E-09	1.60E-09
URI (ΔCDF)	2.00E-08	2.00E-08	-3.00E-09	-3.90E-09	-3.50E-09	-7.10E-09	-7.20E-09	-7.60E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.19E-08	3.10E-08	5.00E-10	2.30E-09	3.10E-09	-5.40E-09	-5.50E-09	-6.00E-09

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (ΔCDF)	-4.60E-09	-1.80E-09	-1.80E-09	-1.80E-09	-1.60E-09	7.60E-11	6.90E-11	1.10E-10
URI (ΔCDF)	4.80E-08	4.90E-08	4.90E-08	4.90E-08	2.30E-08	1.40E-09	1.40E-09	1.40E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.34E-08	4.72E-08	4.72E-08	4.72E-08	2.14E-08	1.48E-09	1.47E-09	1.51E-09

Licensee Comments:

2Q/08: Changed PRA Parameter(s). The opposite-unit pump trains were added to the trains/segments tracked for unavailability due to changes to the PRA model. Also some components were removed from MSPI tracking due to their low safety significance.

1Q/08: Changed PRA Parameter(s).

4Q/07: Changed PRA Parameter(s).

3Q/07: Changed PRA Parameter(s).

2Q/07: Changed PRA Parameter(s).

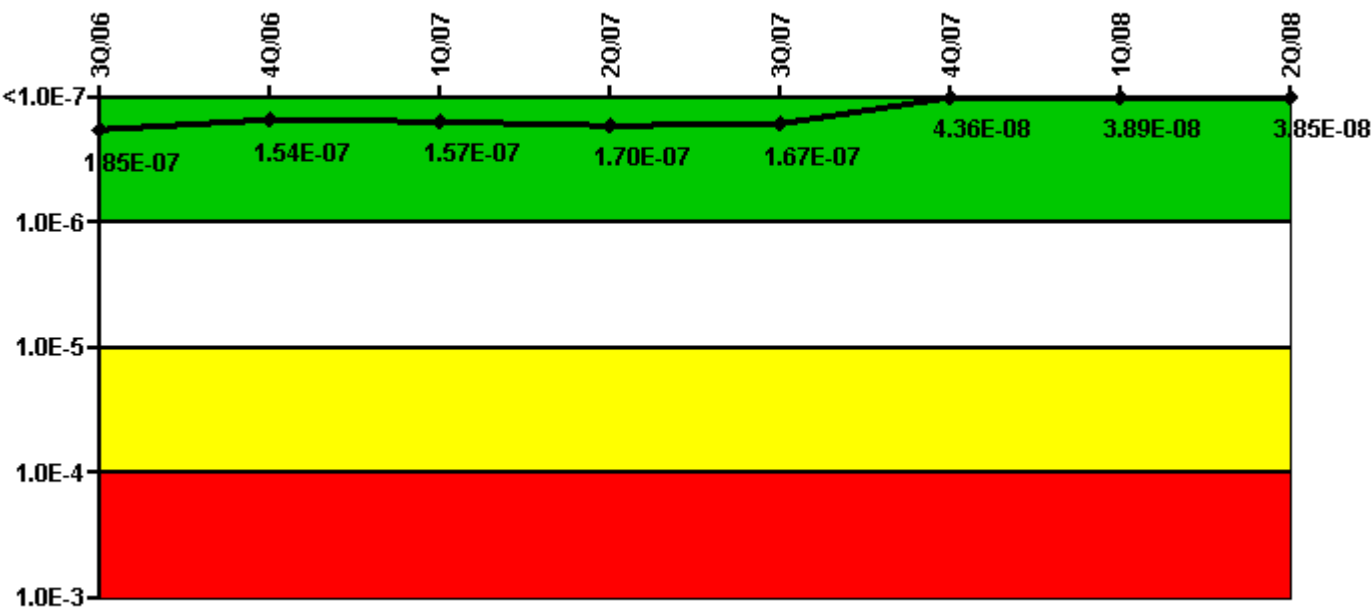
1Q/07: Changed PRA Parameter(s).

4Q/06: Changed PRA Parameter(s).

3Q/06: Changed PRA Parameter(s). The unavailability data for August 2006 was revised to remove erroneous unavailability data.

2Q/06: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



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

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (ΔCDF)	2.50E-08	-5.60E-09	-3.10E-09	9.90E-09	7.30E-09	5.60E-09	8.60E-10	4.50E-10
URI (ΔCDF)	1.60E-07	1.60E-07	1.60E-07	1.60E-07	1.60E-07	3.80E-08	3.80E-08	3.80E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.85E-07	1.54E-07	1.57E-07	1.70E-07	1.67E-07	4.36E-08	3.89E-08	3.85E-08

Licensee Comments:

2Q/08: Changed PRA Parameter(s). The number of unavailability trains tracked was changed from 2 to 3, one for each pump, due to changes in the PRA model.

1Q/08: Changed PRA Parameter(s).

4Q/07: Changed PRA Parameter(s).

3Q/07: Changed PRA Parameter(s).

2Q/07: Changed PRA Parameter(s).

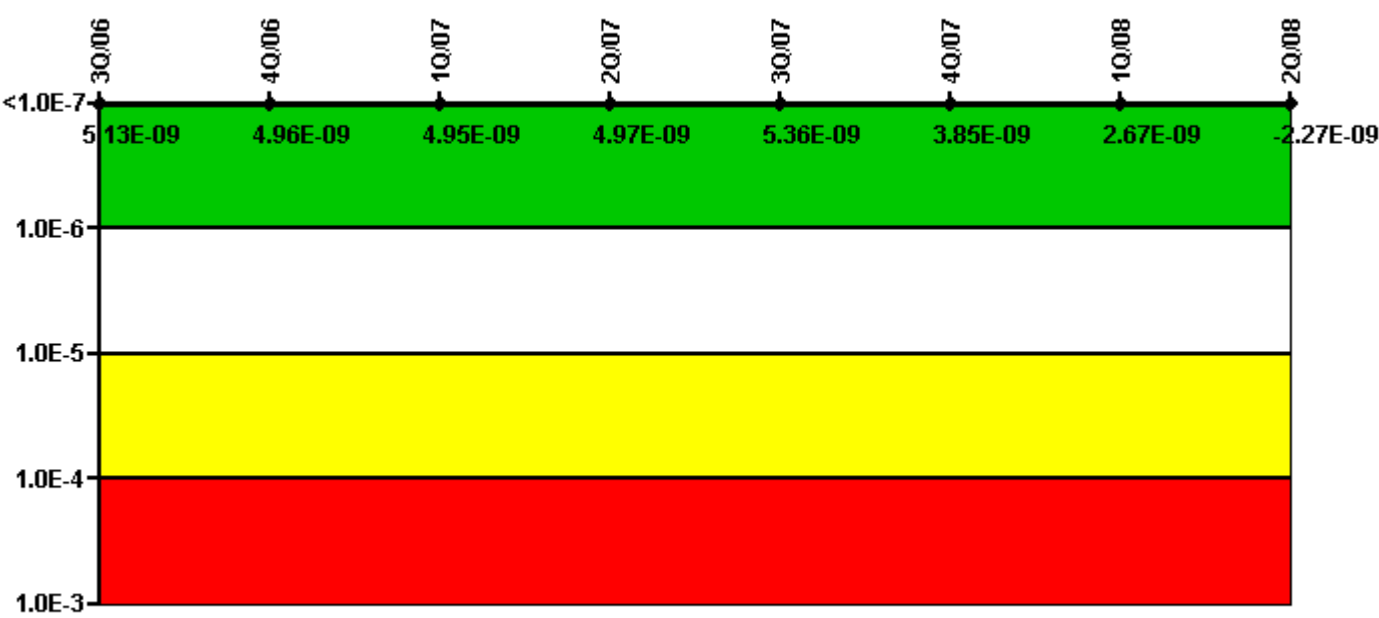
1Q/07: Changed PRA Parameter(s).

4Q/06: Changed PRA Parameter(s).

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

2Q/06: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System

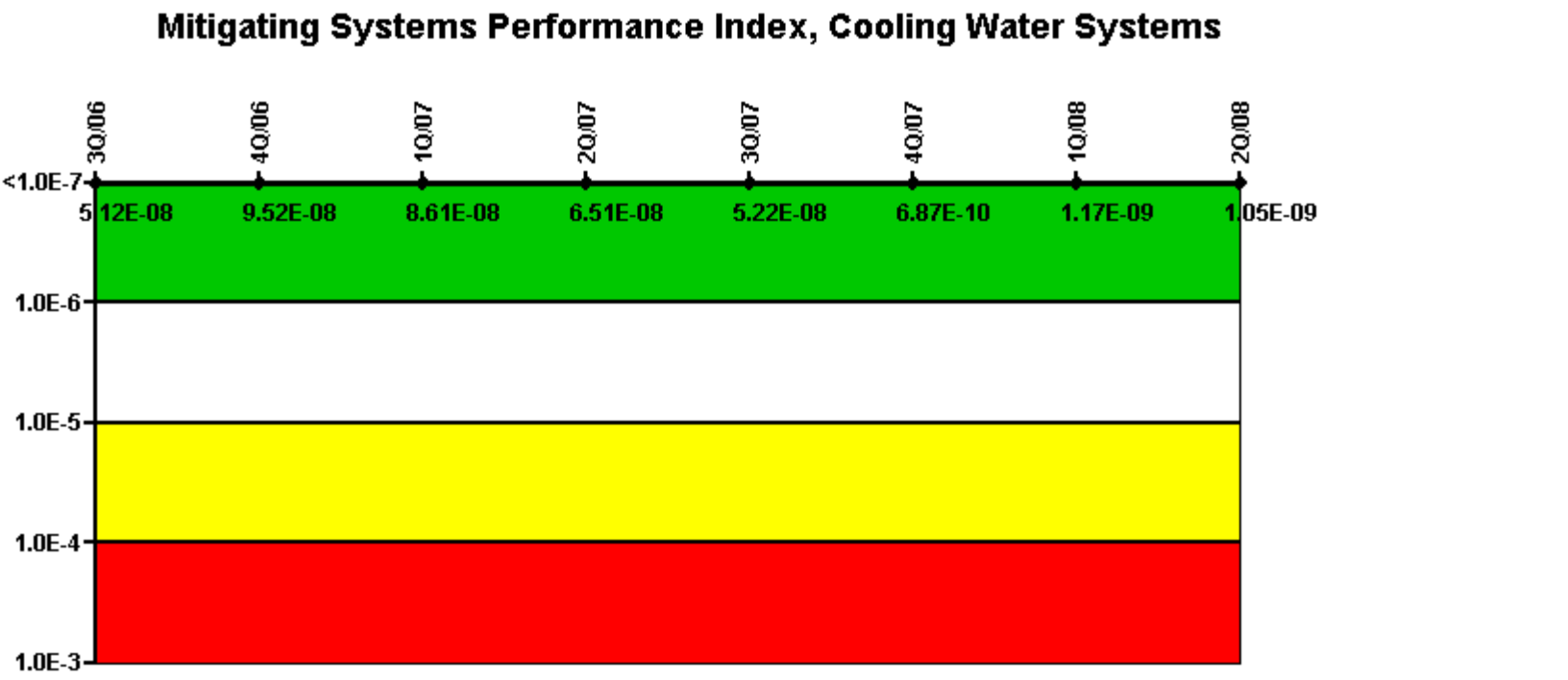


Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (ΔCDF)	-6.90E-11	-3.80E-11	-5.20E-11	-2.70E-11	5.60E-10	9.50E-10	-3.50E-11	-4.70E-10
URI (ΔCDF)	5.20E-09	5.00E-09	5.00E-09	5.00E-09	4.80E-09	2.90E-09	2.70E-09	-1.80E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	5.13E-09	4.96E-09	4.95E-09	4.97E-09	5.36E-09	3.85E-09	2.67E-09	-2.27E-09

Licensee Comments: none



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

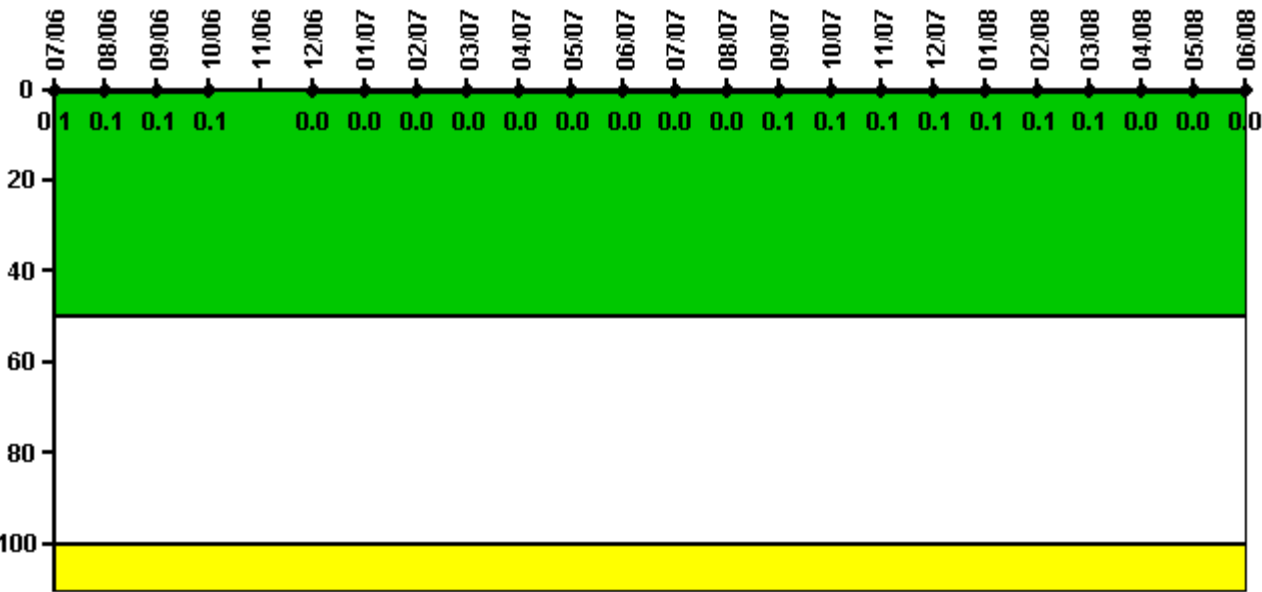
Notes

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)	5.00E-08	9.40E-08	8.50E-08	6.40E-08	5.10E-08	6.00E-10	8.00E-10	9.90E-10
URI (ΔCDF)	1.20E-09	1.20E-09	1.10E-09	1.10E-09	1.20E-09	8.70E-11	3.70E-10	6.00E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	5.12E-08	9.52E-08	8.61E-08	6.51E-08	5.22E-08	6.87E-10	1.17E-09	1.05E-09

Licensee Comments:

3Q/06: The run time FVURC was changed from 1.36E-05 to 1.35E-05.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

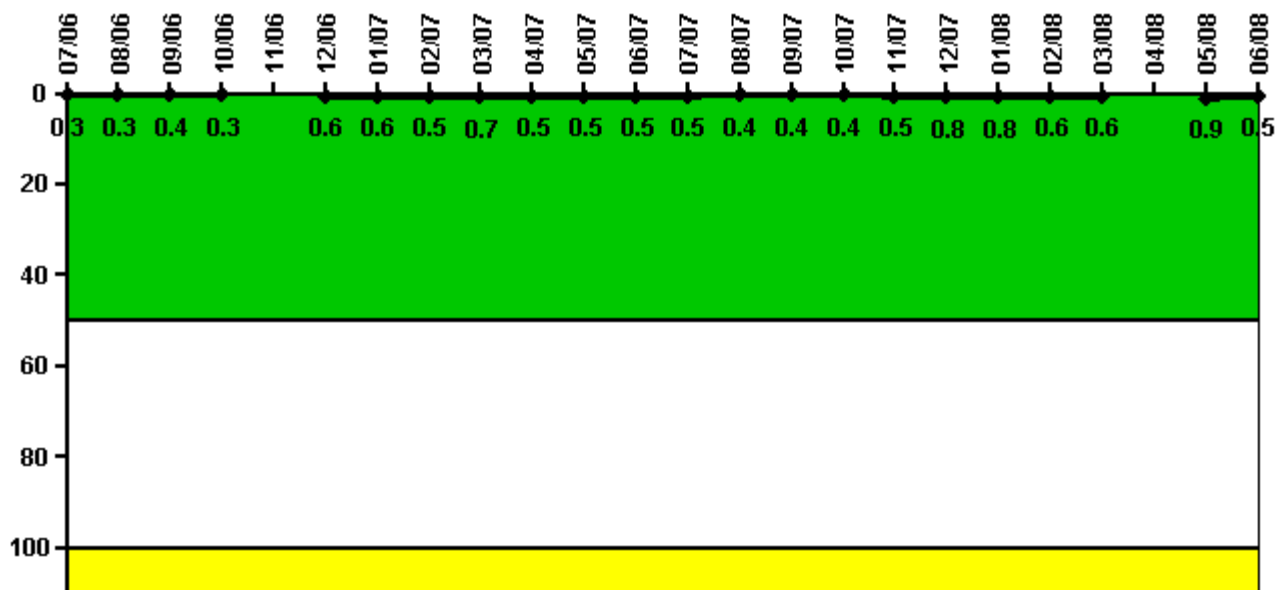
Notes

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	0.000671	0.000610	0.000580	0.000641	N/A	0.000336	0.000305	0.000336	0.000366	0.000397	0.000397	0.000397
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	N/A	0	0	0	0	0	0	0

Reactor Coolant System Activity	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08
Maximum activity	0.000427	0.000458	0.000641	0.000641	0.000580	0.000549	0.000710	0.000605	0.000657	0.000005	0.000286	0.000280
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



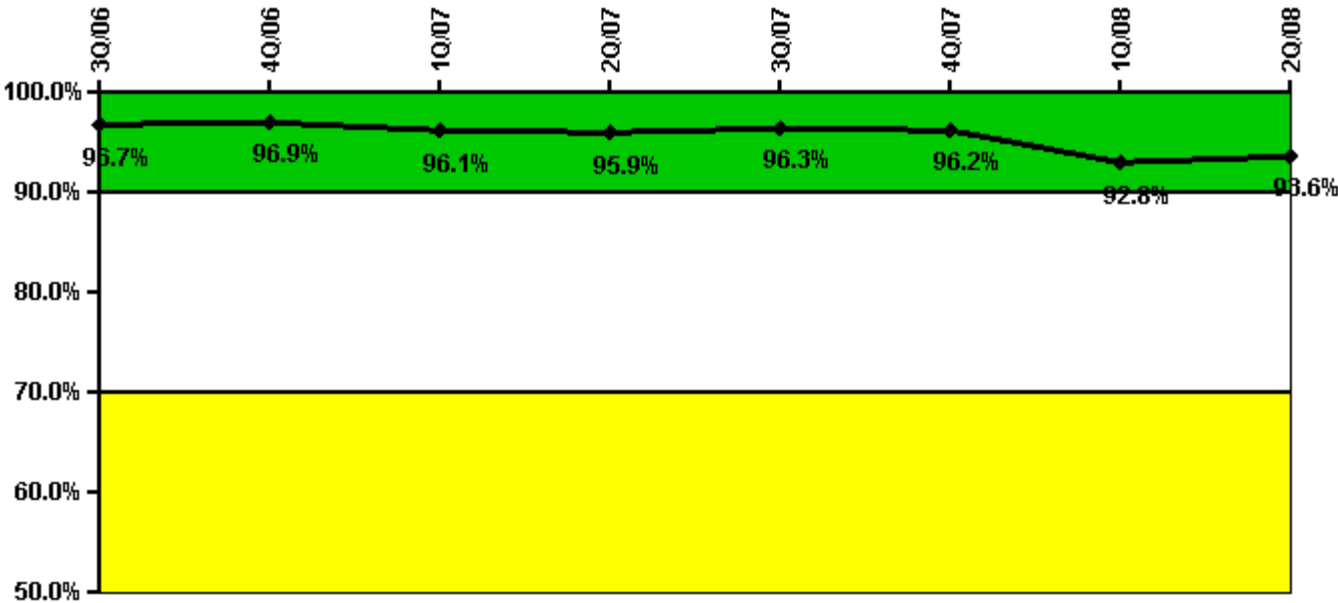
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07
Maximum leakage	0.030	0.030	0.040	0.030	N/A	0.060	0.060	0.050	0.070	0.050	0.050	0.050
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.3	0.4	0.3	N/A	0.6	0.6	0.5	0.7	0.5	0.5	0.5
Reactor Coolant System Leakage	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08
Maximum leakage	0.050	0.040	0.040	0.040	0.050	0.080	0.080	0.060	0.060	N/A	0.090	0.050
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	0.4	0.4	0.4	0.5	0.8	0.8	0.6	0.6	N/A	0.9	0.5

Licensee Comments: none

Drill/Exercise Performance



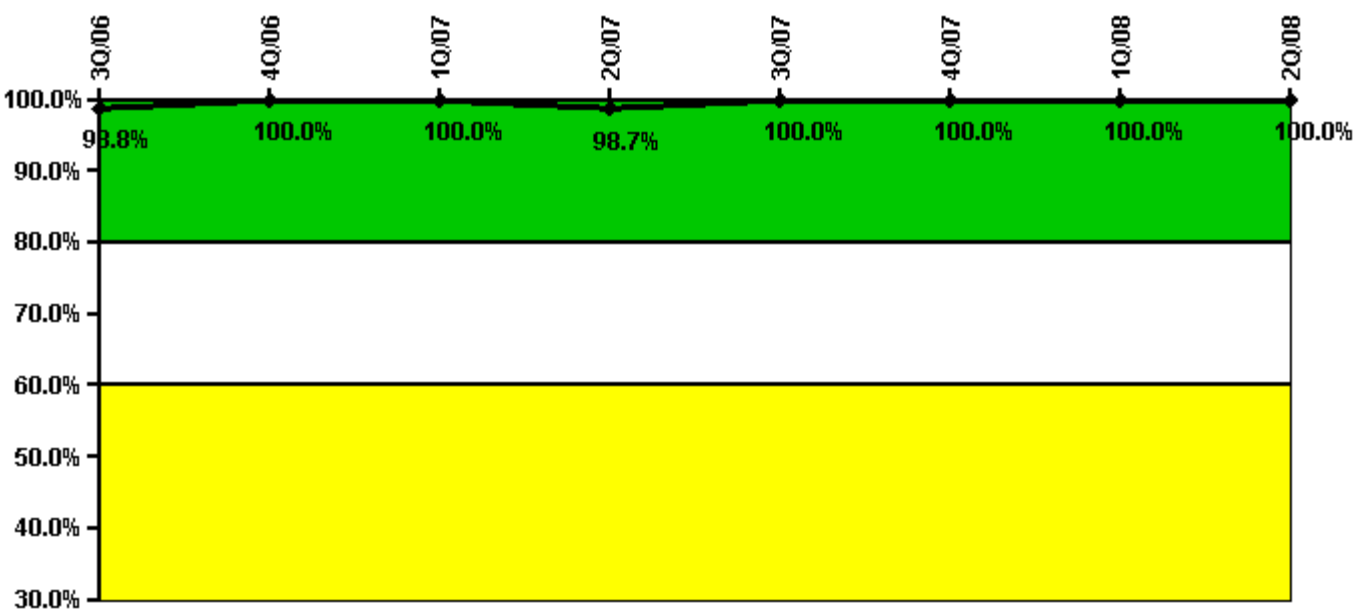
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Successful opportunities	50.0	22.0	72.0	34.0	30.0	36.0	38.0	55.0
Total opportunities	51.0	22.0	79.0	35.0	30.0	38.0	49.0	56.0
Indicator value	96.7%	96.9%	96.1%	95.9%	96.3%	96.2%	92.8%	93.6%

Licensee Comments: none

ERO Drill Participation



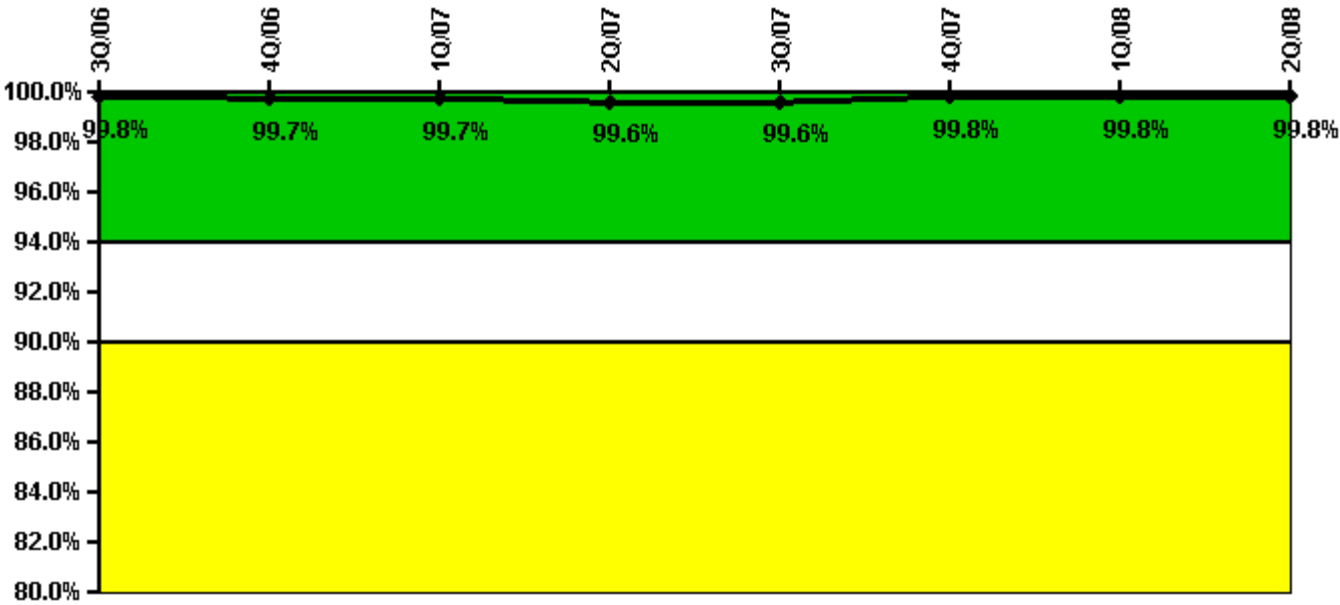
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Participating Key personnel	83.0	84.0	83.0	78.0	83.0	82.0	80.0	85.0
Total Key personnel	84.0	84.0	83.0	79.0	83.0	82.0	80.0	85.0
Indicator value	98.8%	100.0%	100.0%	98.7%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



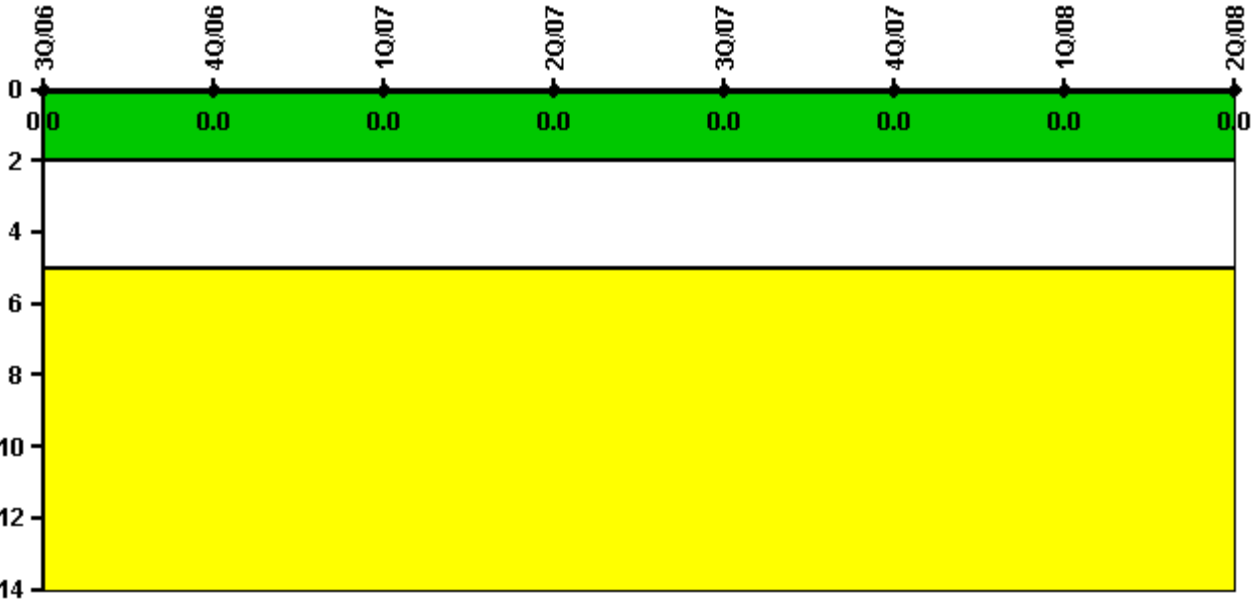
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Successful siren-tests	328	374	328	375	328	376	375	328
Total sirens-tests	329	376	329	376	329	376	376	329
Indicator value	99.8%	99.7%	99.7%	99.6%	99.6%	99.8%	99.8%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	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/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](#)

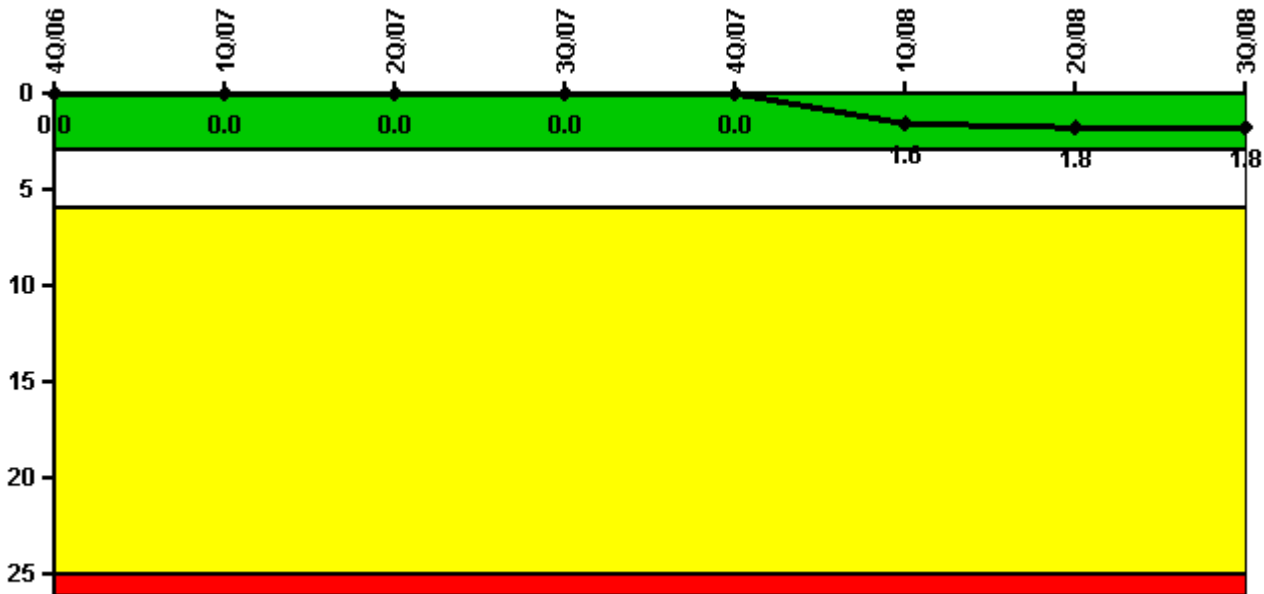
Last Modified: August 4, 2008

Turkey Point 4

3Q/2008 Performance Indicators

Licensee's General Comments: 2Q2008 EP Minor change

Unplanned Scrams per 7000 Critical Hrs



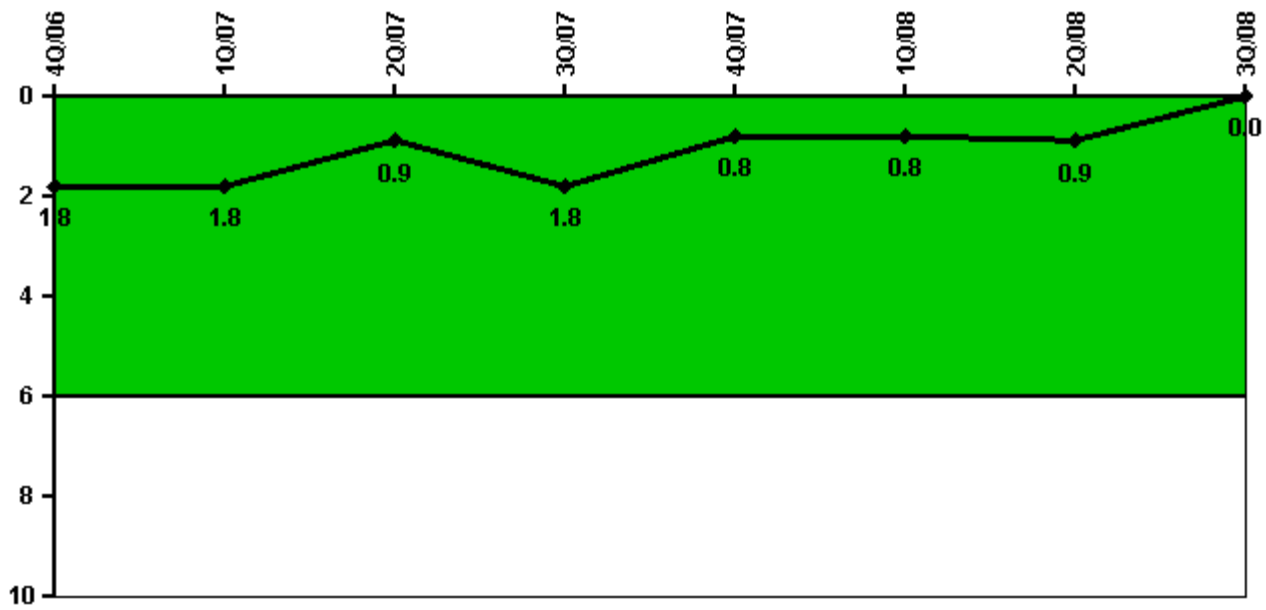
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	2.0	0	0
Critical hours	1268.0	2096.8	2184.0	2077.1	2209.0	2098.6	1255.6	2019.8
Indicator value	0	0	0	0	0	1.6	1.8	1.8

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



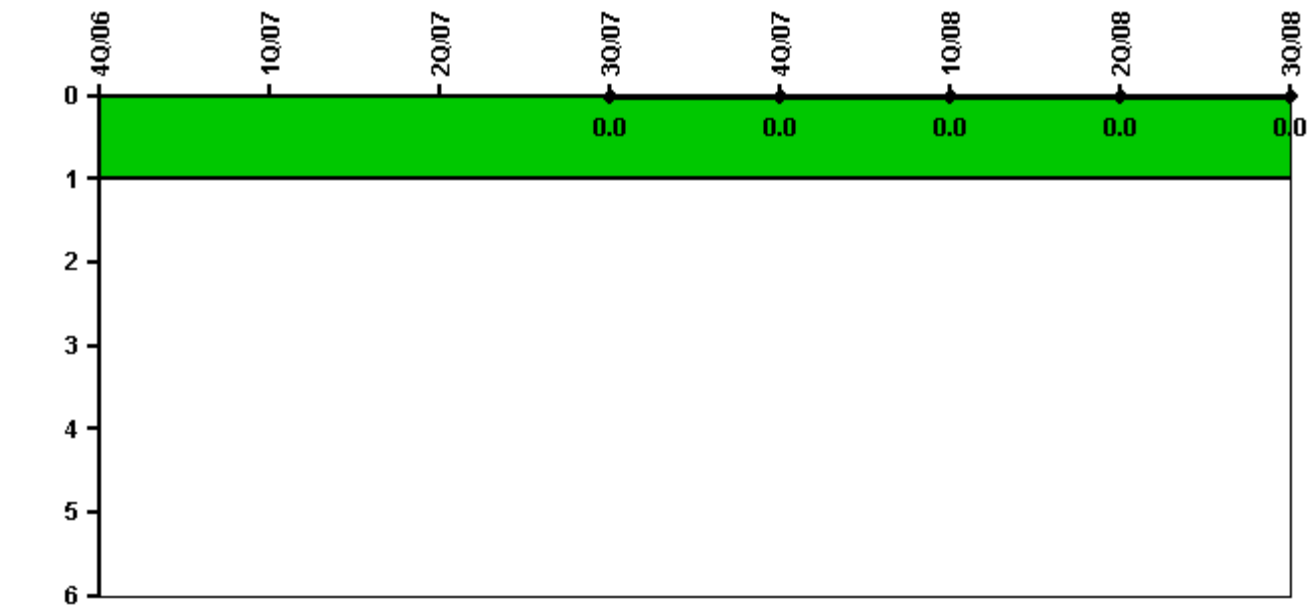
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Unplanned power changes	1.0	0	0	1.0	0	0	0	0
Critical hours	1268.0	2096.8	2184.0	2077.1	2209.0	2098.6	1255.6	2019.8
Indicator value	1.8	1.8	0.9	1.8	0.8	0.8	0.9	0

Licensee Comments: none

Unplanned Scrams with Complications



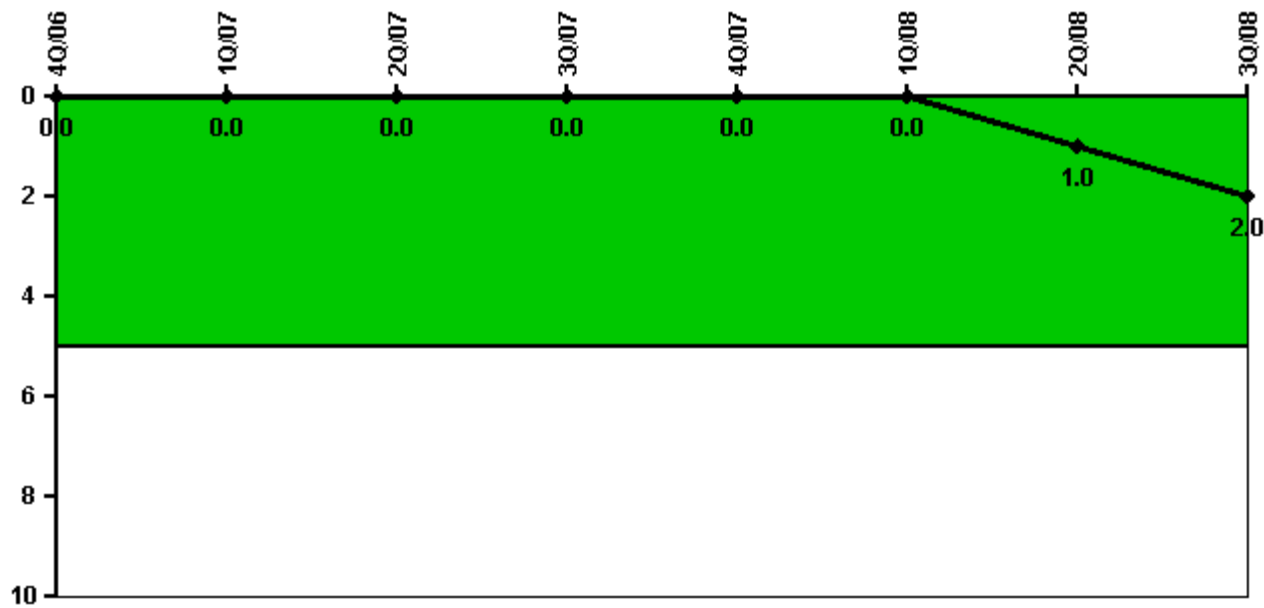
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value				0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)

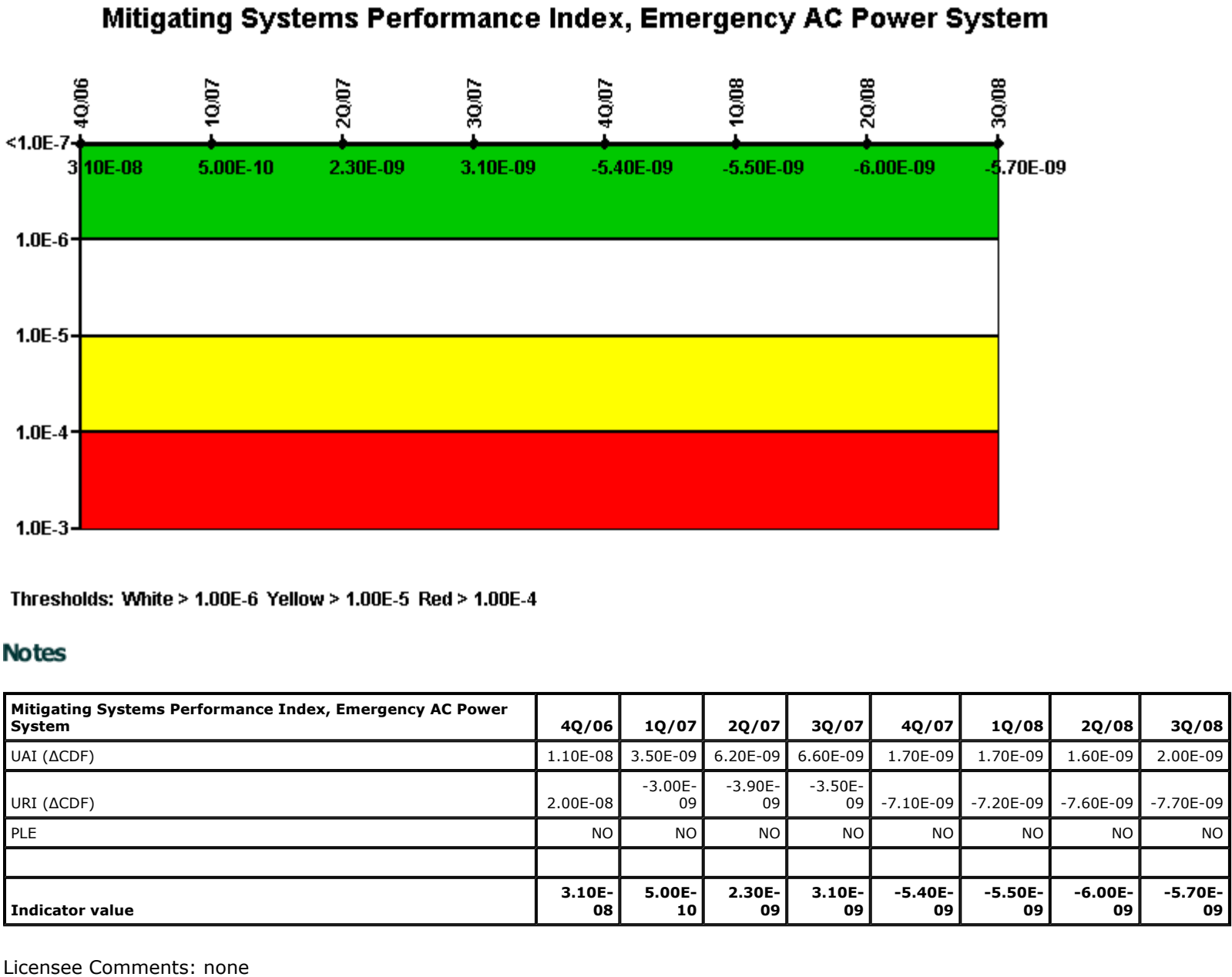


Thresholds: White > 5.0

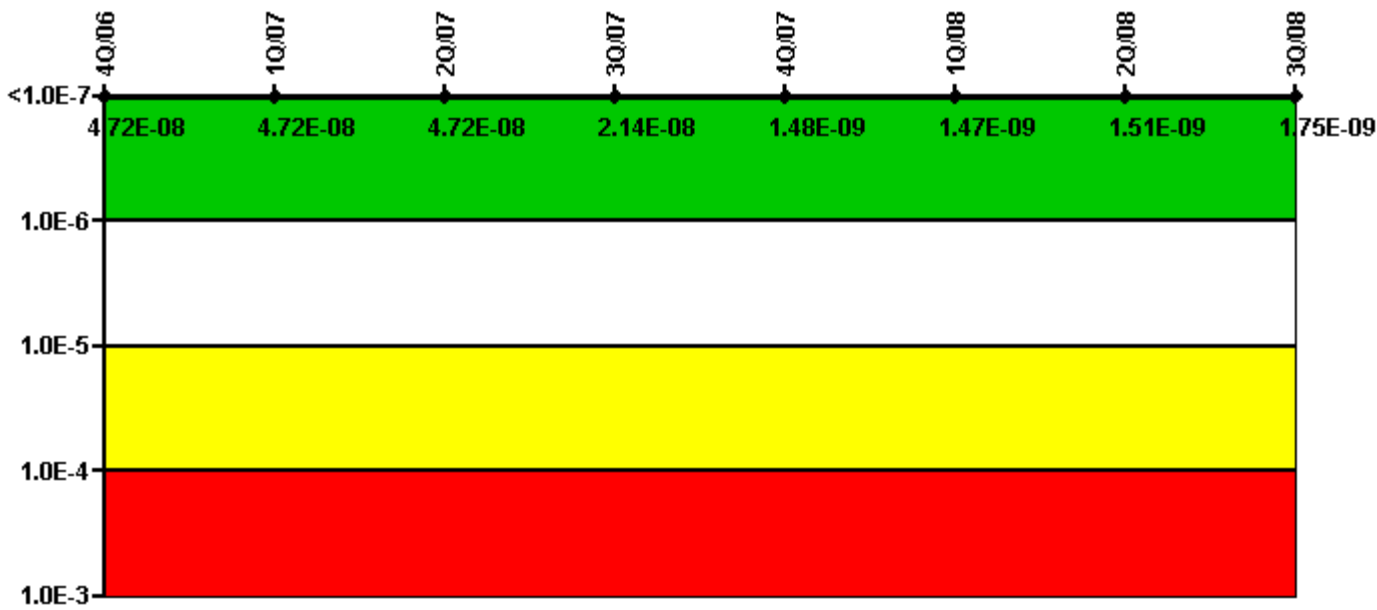
Notes

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

Licensee Comments: none



Mitigating Systems Performance Index, High Pressure Injection System



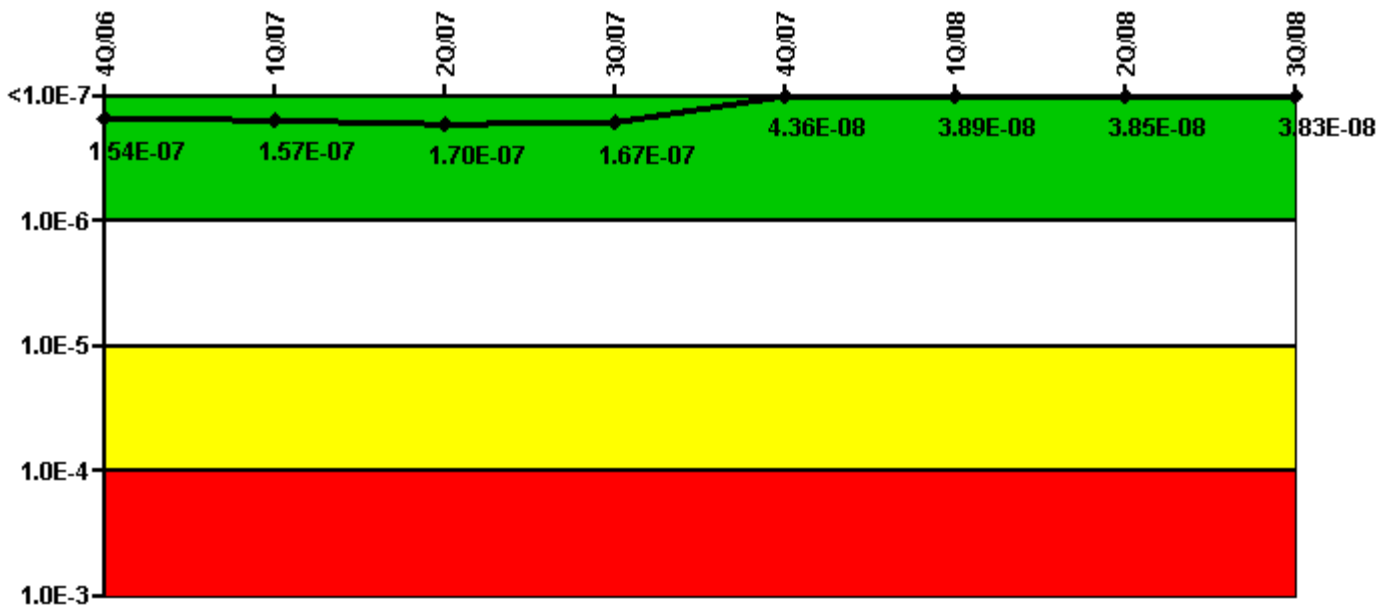
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI (ΔCDF)	-1.80E-09	-1.80E-09	-1.80E-09	-1.60E-09	7.60E-11	6.90E-11	1.10E-10	3.50E-10
URI (ΔCDF)	4.90E-08	4.90E-08	4.90E-08	2.30E-08	1.40E-09	1.40E-09	1.40E-09	1.40E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.72E-08	4.72E-08	4.72E-08	2.14E-08	1.48E-09	1.47E-09	1.51E-09	1.75E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



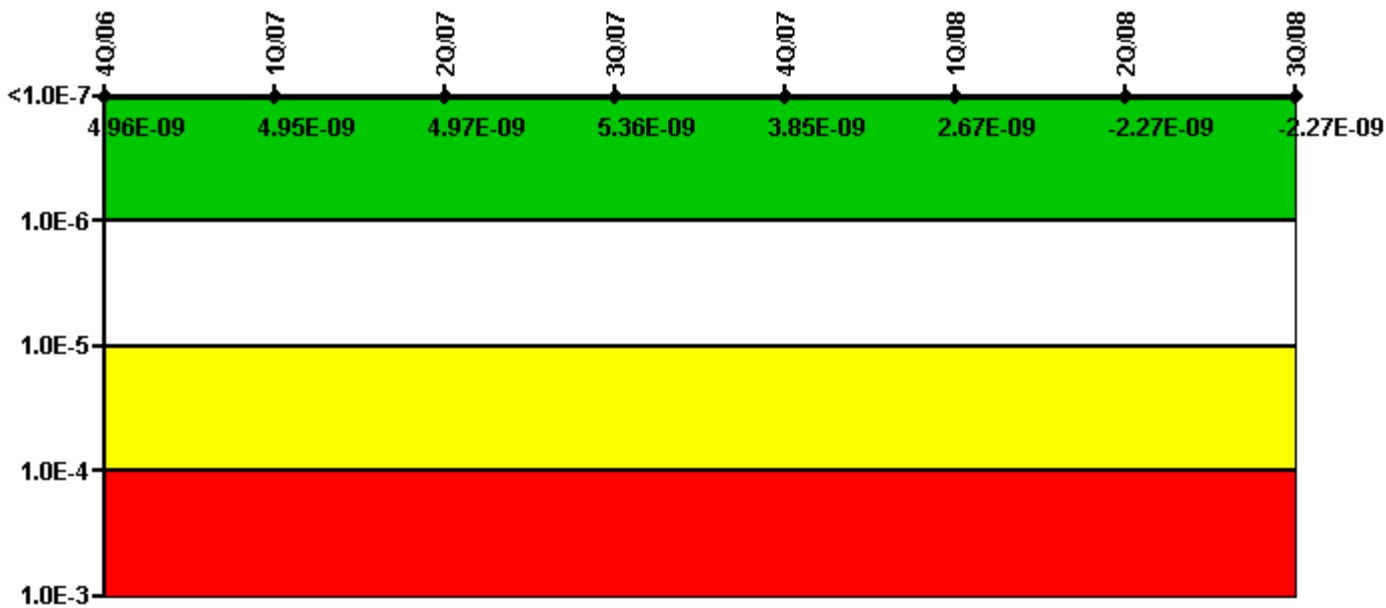
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI (ΔCDF)	-5.60E-09	-3.10E-09	9.90E-09	7.30E-09	5.60E-09	8.60E-10	4.50E-10	3.30E-10
URI (ΔCDF)	1.60E-07	1.60E-07	1.60E-07	1.60E-07	3.80E-08	3.80E-08	3.80E-08	3.80E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.54E-07	1.57E-07	1.70E-07	1.67E-07	4.36E-08	3.89E-08	3.85E-08	3.83E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



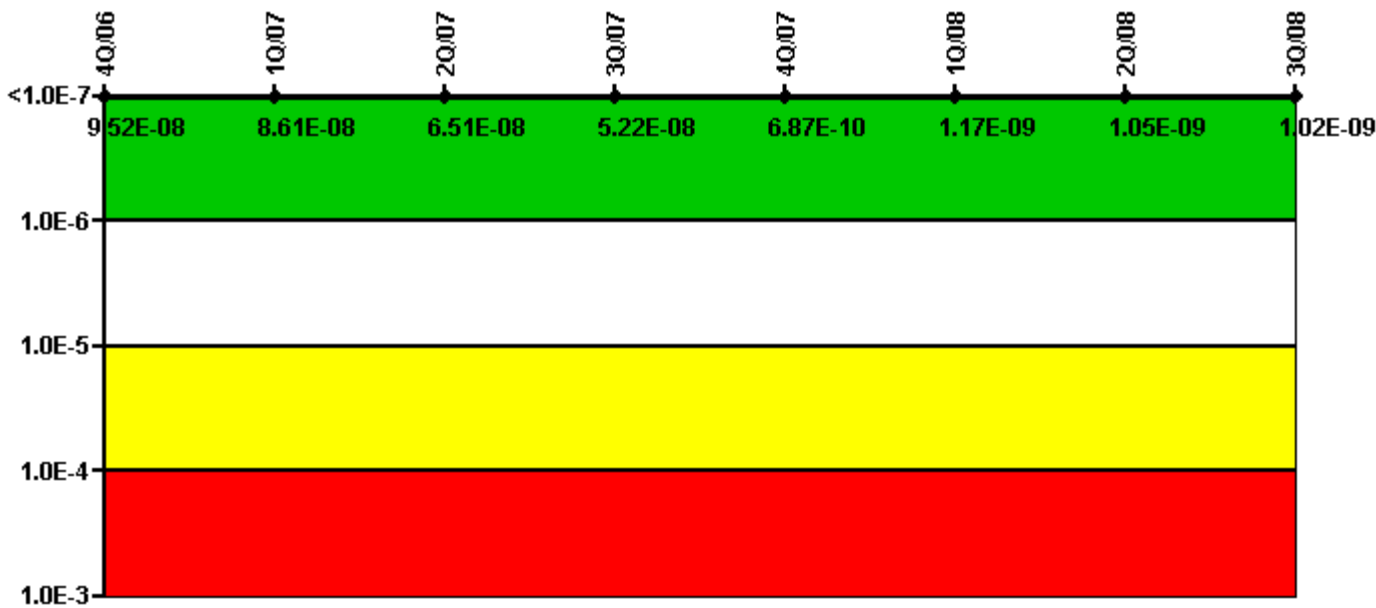
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI (ΔCDF)	-3.80E-11	-5.20E-11	-2.70E-11	5.60E-10	9.50E-10	-3.50E-11	-4.70E-10	-4.70E-10
URI (ΔCDF)	5.00E-09	5.00E-09	5.00E-09	4.80E-09	2.90E-09	2.70E-09	-1.80E-09	-1.80E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.96E-09	4.95E-09	4.97E-09	5.36E-09	3.85E-09	2.67E-09	-2.27E-09	-2.27E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



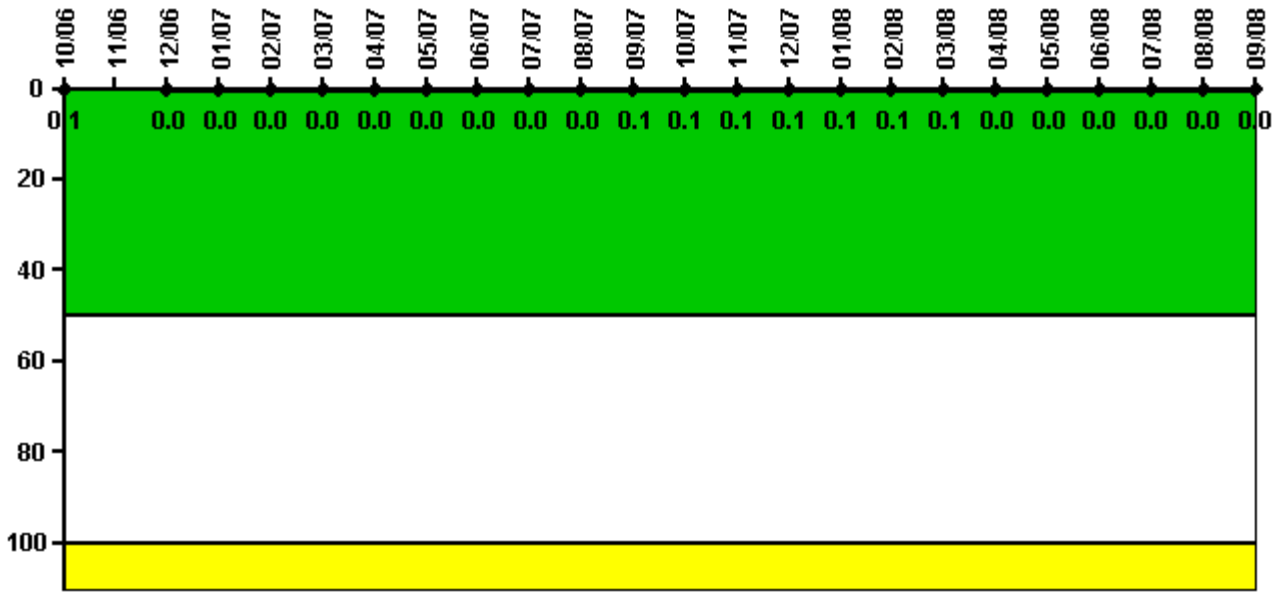
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI (ΔCDF)	9.40E-08	8.50E-08	6.40E-08	5.10E-08	6.00E-10	8.00E-10	9.90E-10	9.60E-10
URI (ΔCDF)	1.20E-09	1.10E-09	1.10E-09	1.20E-09	8.70E-11	3.70E-10	6.00E-11	6.10E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	9.52E-08	8.61E-08	6.51E-08	5.22E-08	6.87E-10	1.17E-09	1.05E-09	1.02E-09

Licensee Comments: none

Reactor Coolant System Activity



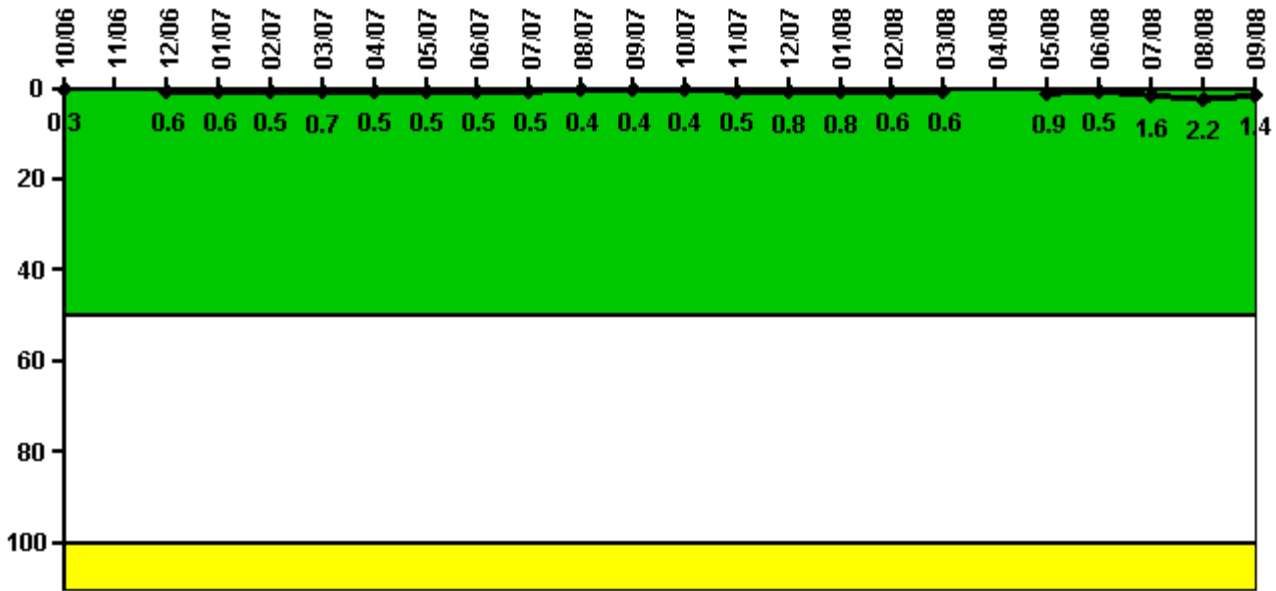
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07
Maximum activity	0.000641	N/A	0.000336	0.000305	0.000336	0.000366	0.000397	0.000397	0.000397	0.000427	0.000458	0.000641
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	N/A	0	0	0	0	0	0	0	0	0	0.1
Reactor Coolant System Activity	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08
Maximum activity	0.000641	0.000580	0.000549	0.000710	0.000605	0.000657	0.000005	0.000286	0.000280	0.000308	0.000308	0.000319
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



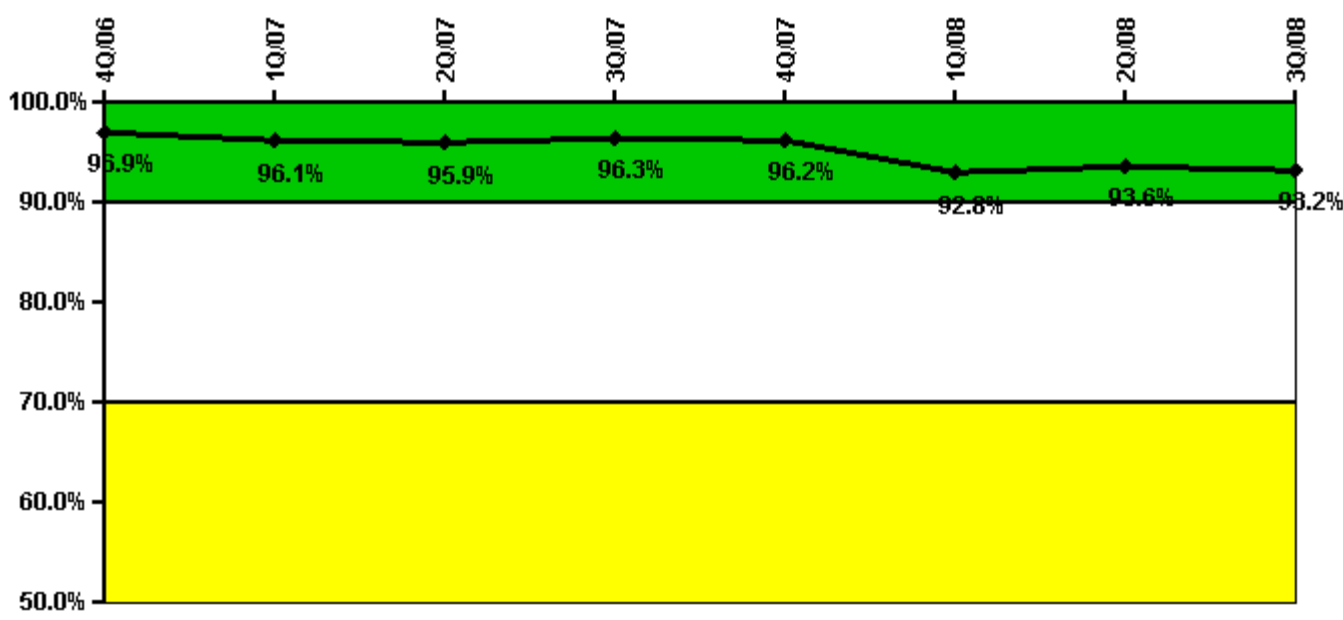
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07
Maximum leakage	0.030	N/A	0.060	0.060	0.050	0.070	0.050	0.050	0.050	0.050	0.040	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	N/A	0.6	0.6	0.5	0.7	0.5	0.5	0.5	0.5	0.4	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	0.040	0.050	0.080	0.080	0.060	0.060	N/A	0.090	0.050	0.160	0.220	0.140
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.5	0.8	0.8	0.6	0.6	N/A	0.9	0.5	1.6	2.2	1.4

Licensee Comments: none

Drill/Exercise Performance



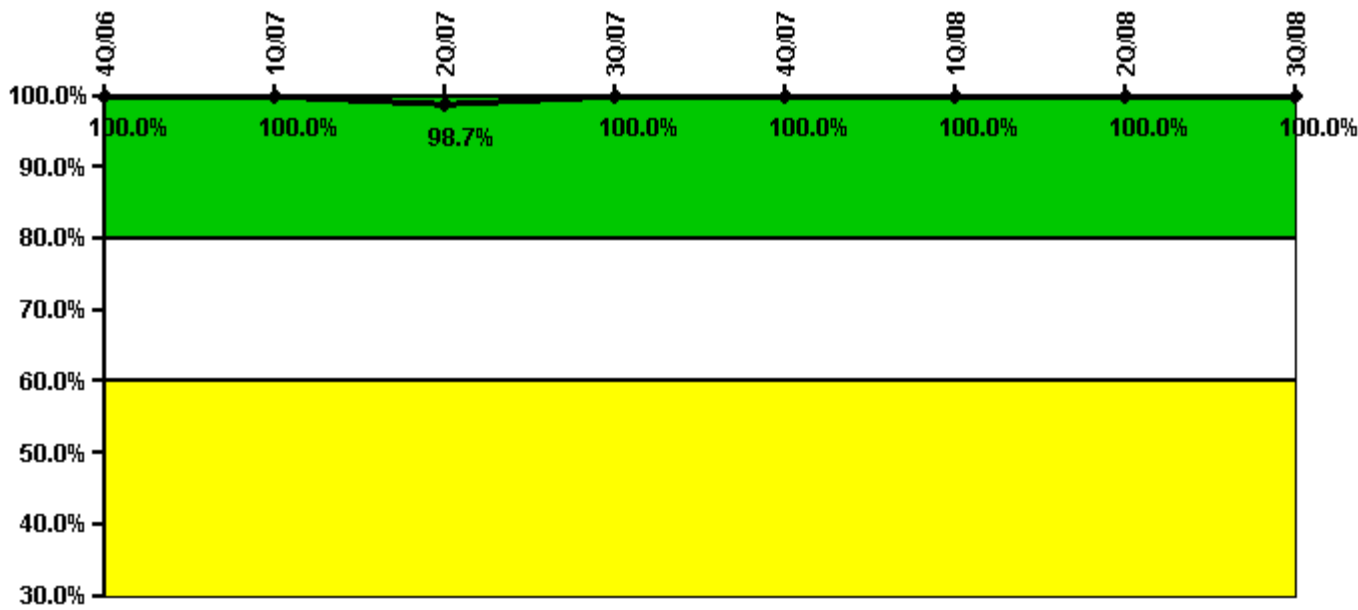
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Successful opportunities	22.0	72.0	34.0	30.0	36.0	38.0	55.0	16.0
Total opportunities	22.0	79.0	35.0	30.0	38.0	49.0	56.0	16.0
Indicator value	96.9%	96.1%	95.9%	96.3%	96.2%	92.8%	93.6%	93.2%

Licensee Comments: none

ERO Drill Participation



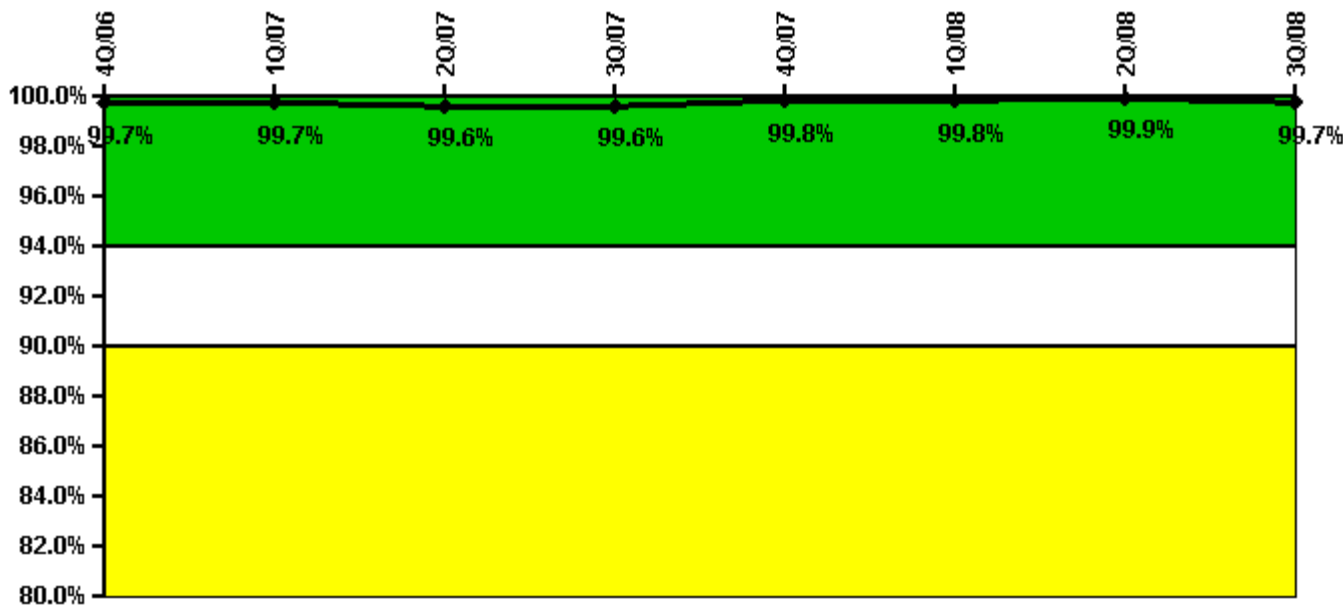
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Participating Key personnel	84.0	83.0	78.0	83.0	82.0	80.0	85.0	92.0
Total Key personnel	84.0	83.0	79.0	83.0	82.0	80.0	85.0	92.0
Indicator value	100.0%	100.0%	98.7%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Successful siren-tests	374	328	375	328	376	375	329	372
Total sirens-tests	376	329	376	329	376	376	329	376
Indicator value	99.7%	99.7%	99.6%	99.6%	99.8%	99.8%	99.9%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



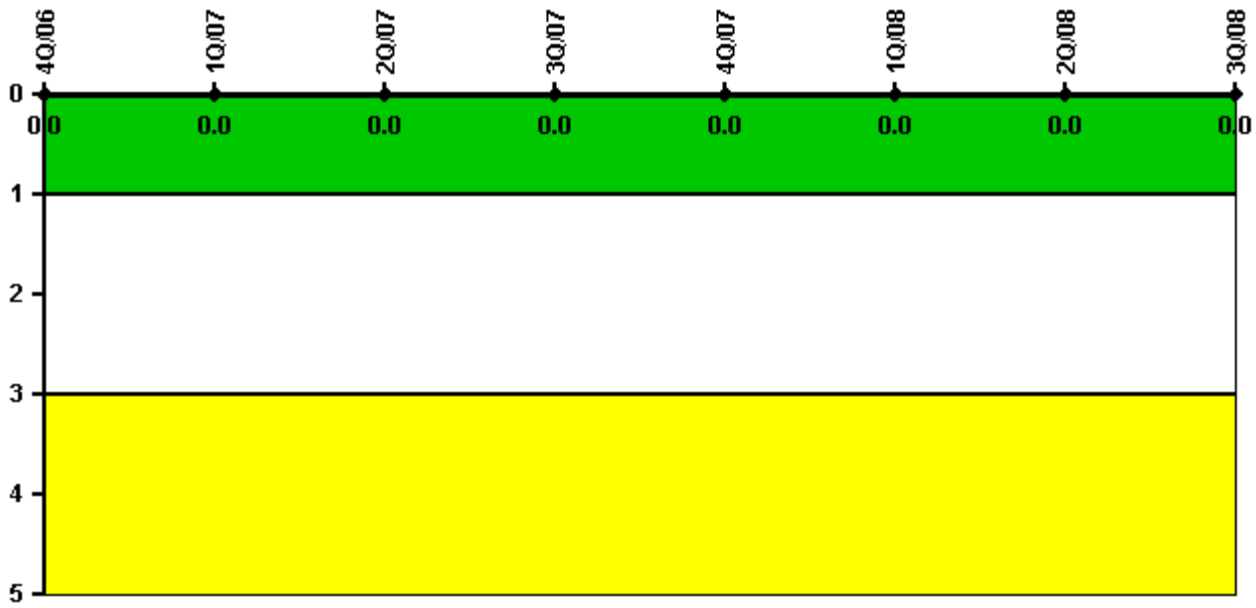
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
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/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

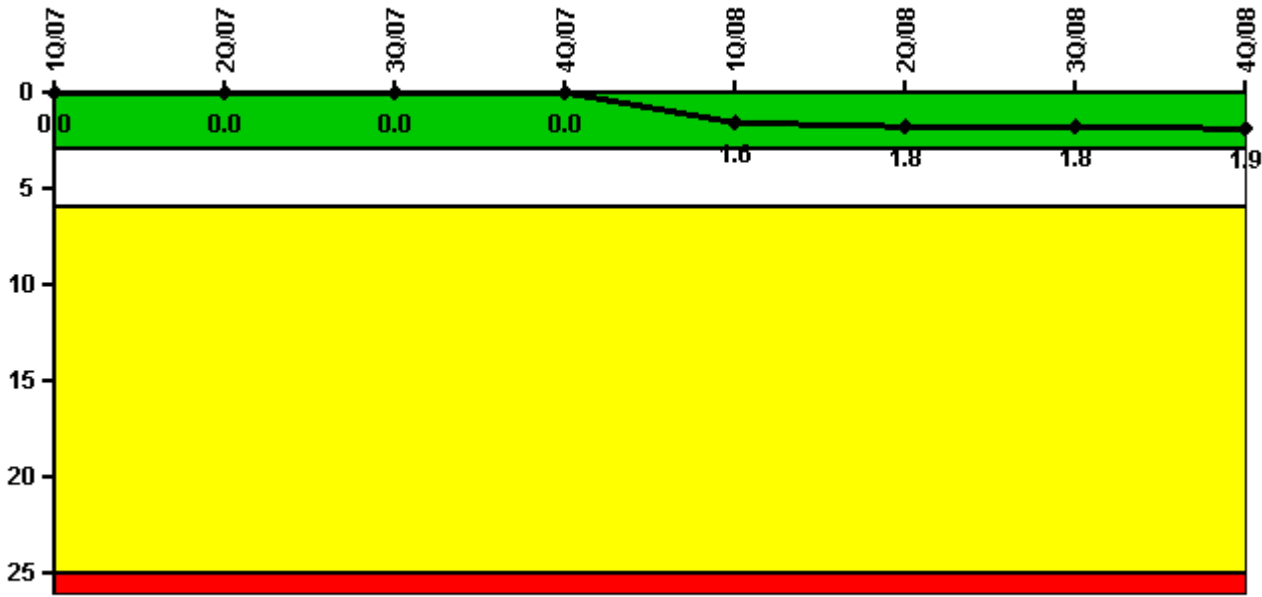
[Security](#) information not publicly available.

Turkey Point 4

4Q/2008 Performance Indicators

Licensee's General Comments: 4Q2008 NRC PIs - LER 2008-004-00, submitted 11/6/2008

Unplanned Scrams per 7000 Critical Hrs



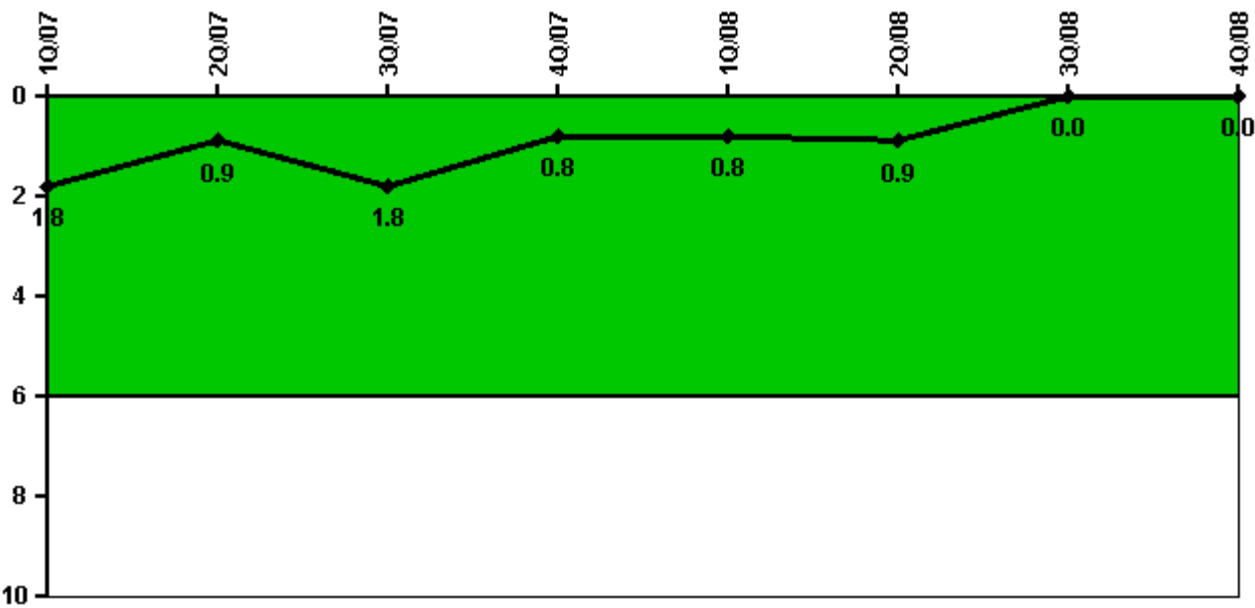
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	2.0	0	0	0
Critical hours	2096.8	2184.0	2077.1	2209.0	2098.6	1255.6	2019.8	2144.4
Indicator value	0	0	0	0	1.6	1.8	1.8	1.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



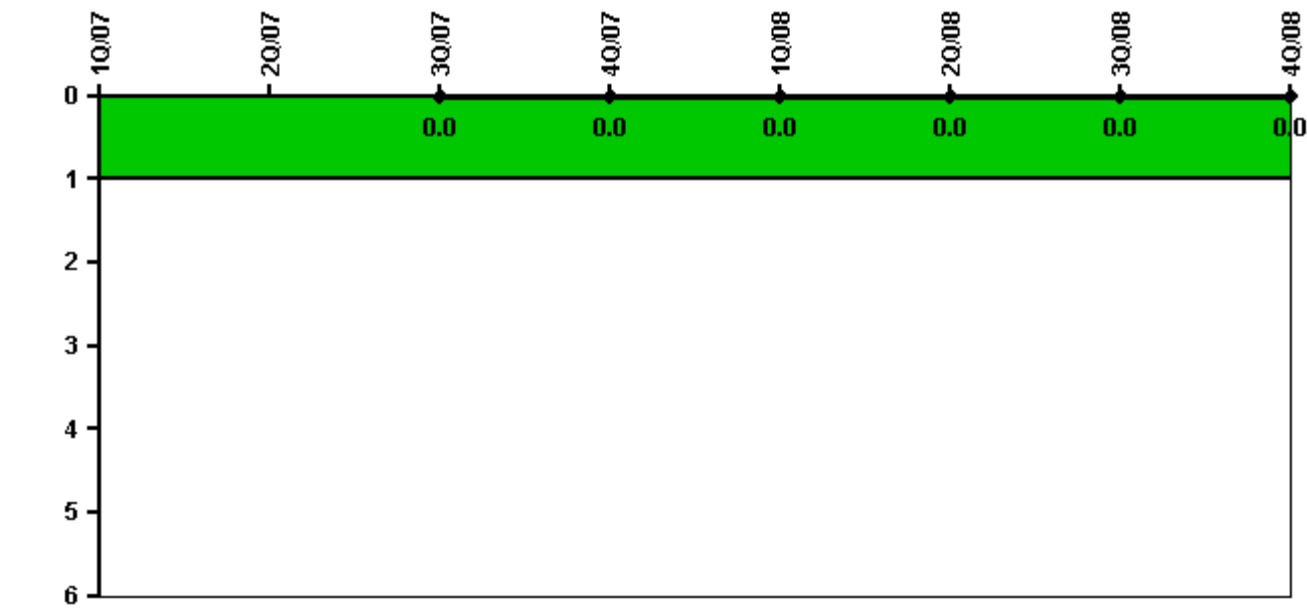
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Unplanned power changes	0	0	1.0	0	0	0	0	0
Critical hours	2096.8	2184.0	2077.1	2209.0	2098.6	1255.6	2019.8	2144.4
Indicator value	1.8	0.9	1.8	0.8	0.8	0.9	0	0

Licensee Comments: none

Unplanned Scrams with Complications



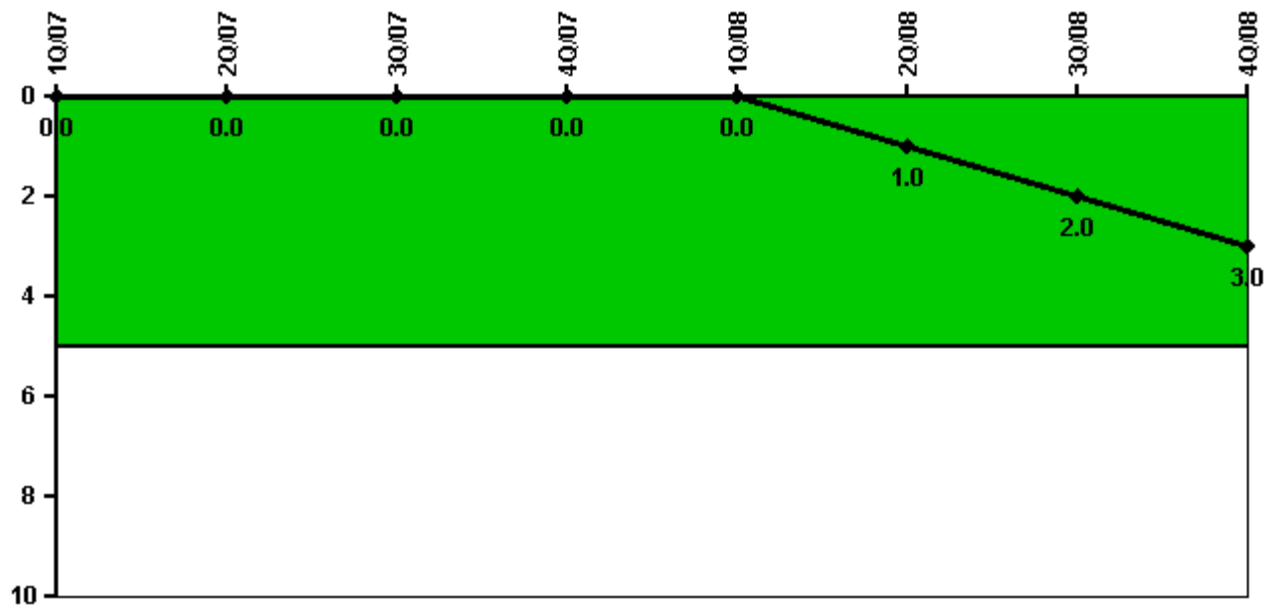
Thresholds: White > 1.0

Notes

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

Licensee Comments: none

Safety System Functional Failures (PWR)

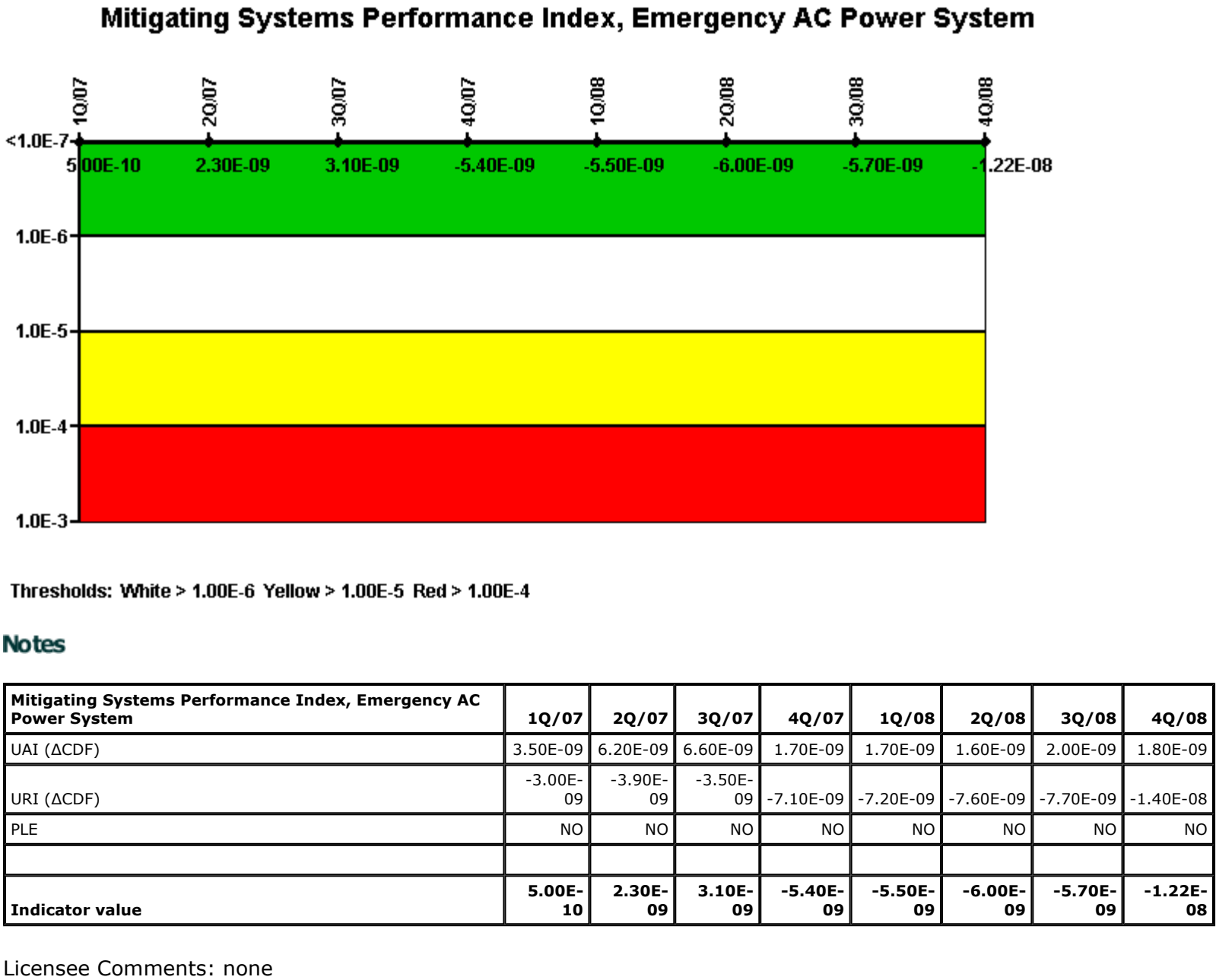


Thresholds: White > 5.0

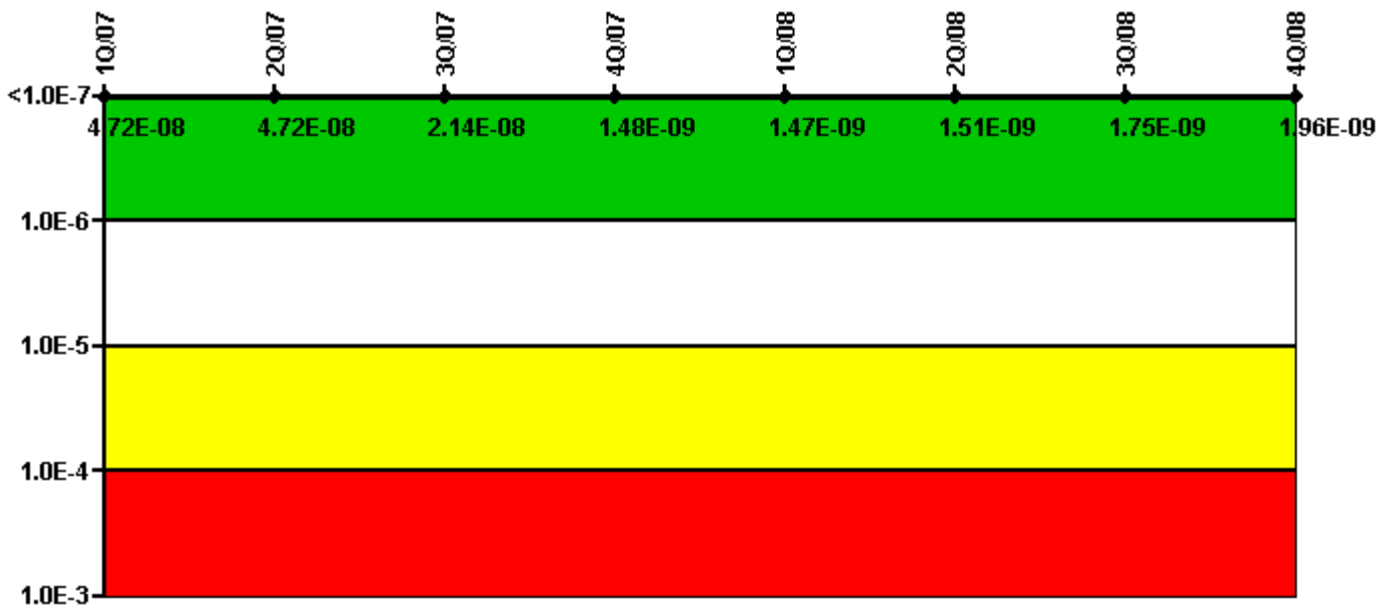
Notes

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

Licensee Comments: none



Mitigating Systems Performance Index, High Pressure Injection System



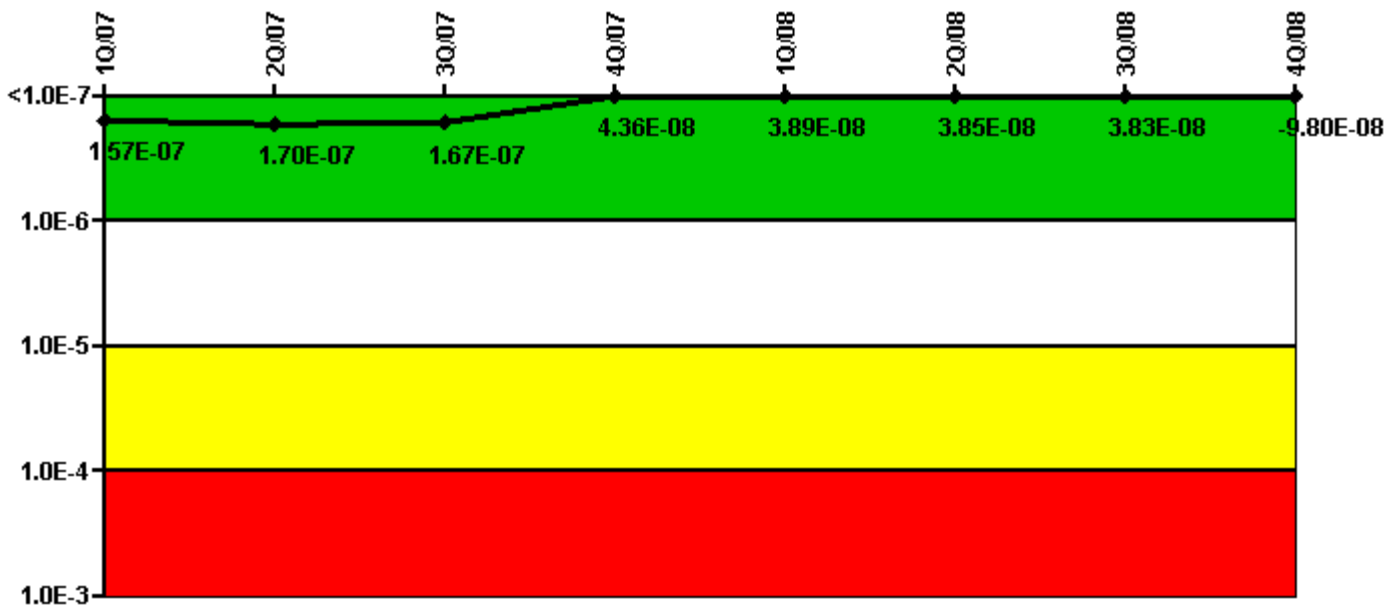
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (ΔCDF)	-1.80E-09	-1.80E-09	-1.60E-09	7.60E-11	6.90E-11	1.10E-10	3.50E-10	5.60E-10
URI (ΔCDF)	4.90E-08	4.90E-08	2.30E-08	1.40E-09	1.40E-09	1.40E-09	1.40E-09	1.40E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.72E-08	4.72E-08	2.14E-08	1.48E-09	1.47E-09	1.51E-09	1.75E-09	1.96E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



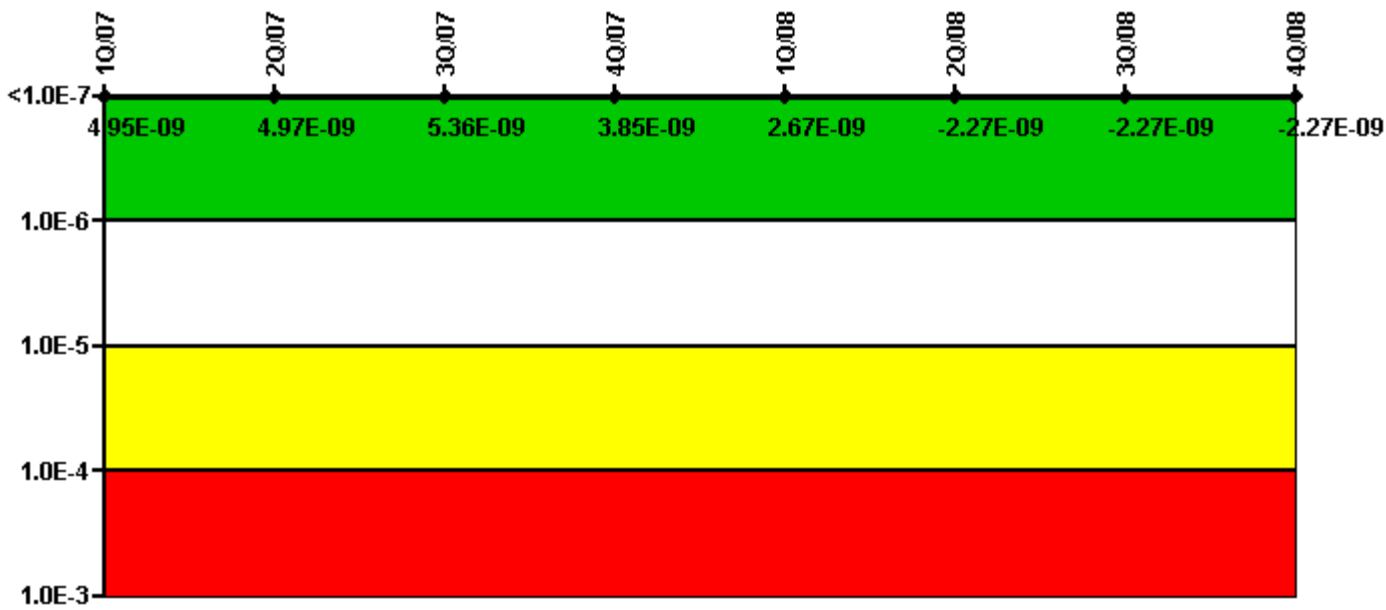
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI (ΔCDF)	-3.10E-09	9.90E-09	7.30E-09	5.60E-09	8.60E-10	4.50E-10	3.30E-10	-2.50E-11
URI (ΔCDF)	1.60E-07	1.60E-07	1.60E-07	3.80E-08	3.80E-08	3.80E-08	3.80E-08	-9.80E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.57E-07	1.70E-07	1.67E-07	4.36E-08	3.89E-08	3.85E-08	3.83E-08	-9.80E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



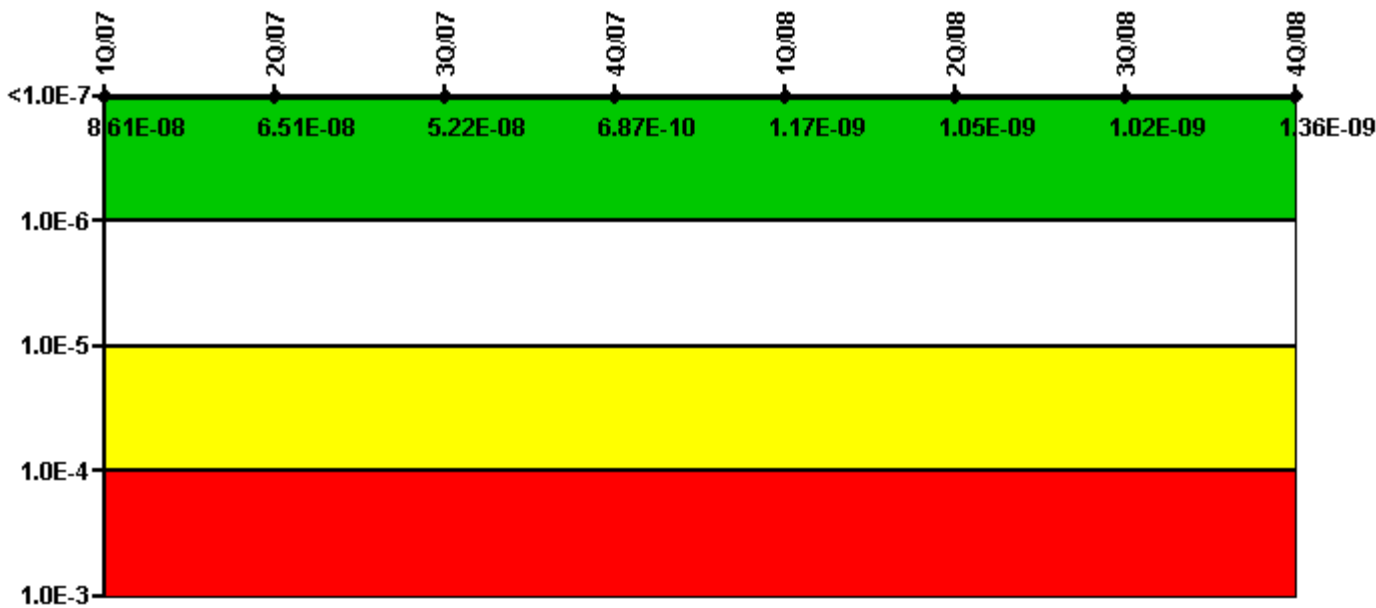
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI (ΔCDF)	-5.20E-11	-2.70E-11	5.60E-10	9.50E-10	-3.50E-11	-4.70E-10	-4.70E-10	-4.70E-10
URI (ΔCDF)	5.00E-09	5.00E-09	4.80E-09	2.90E-09	2.70E-09	-1.80E-09	-1.80E-09	-1.80E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.95E-09	4.97E-09	5.36E-09	3.85E-09	2.67E-09	-2.27E-09	-2.27E-09	-2.27E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



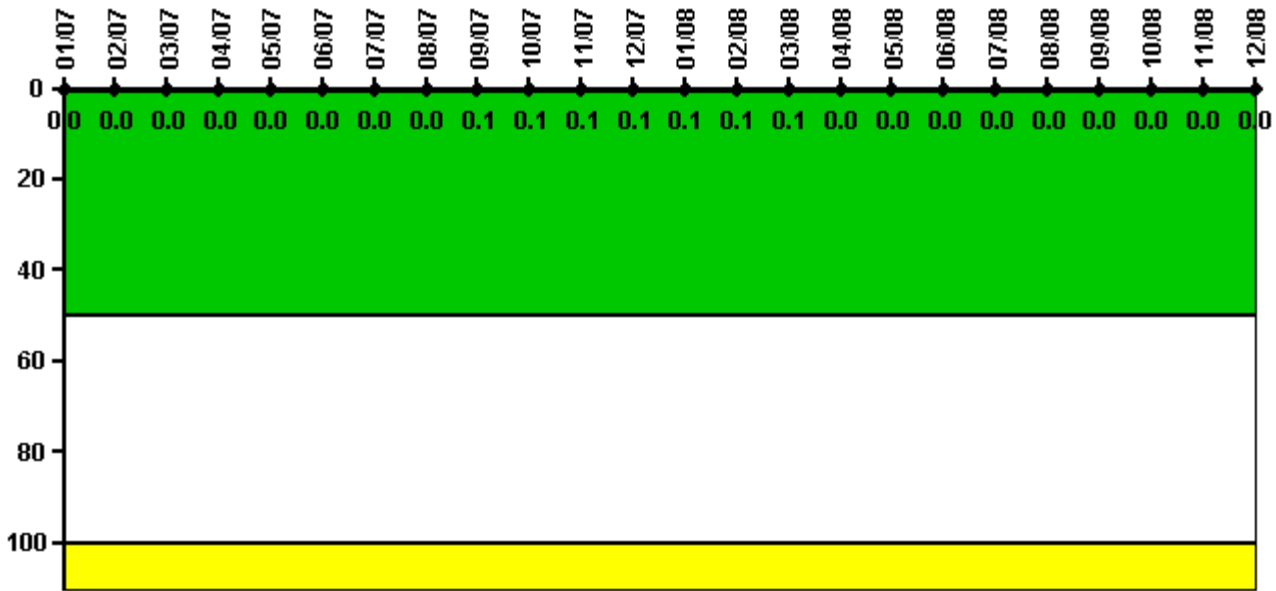
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI (ΔCDF)	8.50E-08	6.40E-08	5.10E-08	6.00E-10	8.00E-10	9.90E-10	9.60E-10	1.30E-09
URI (ΔCDF)	1.10E-09	1.10E-09	1.20E-09	8.70E-11	3.70E-10	6.00E-11	6.10E-11	6.20E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	8.61E-08	6.51E-08	5.22E-08	6.87E-10	1.17E-09	1.05E-09	1.02E-09	1.36E-09

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

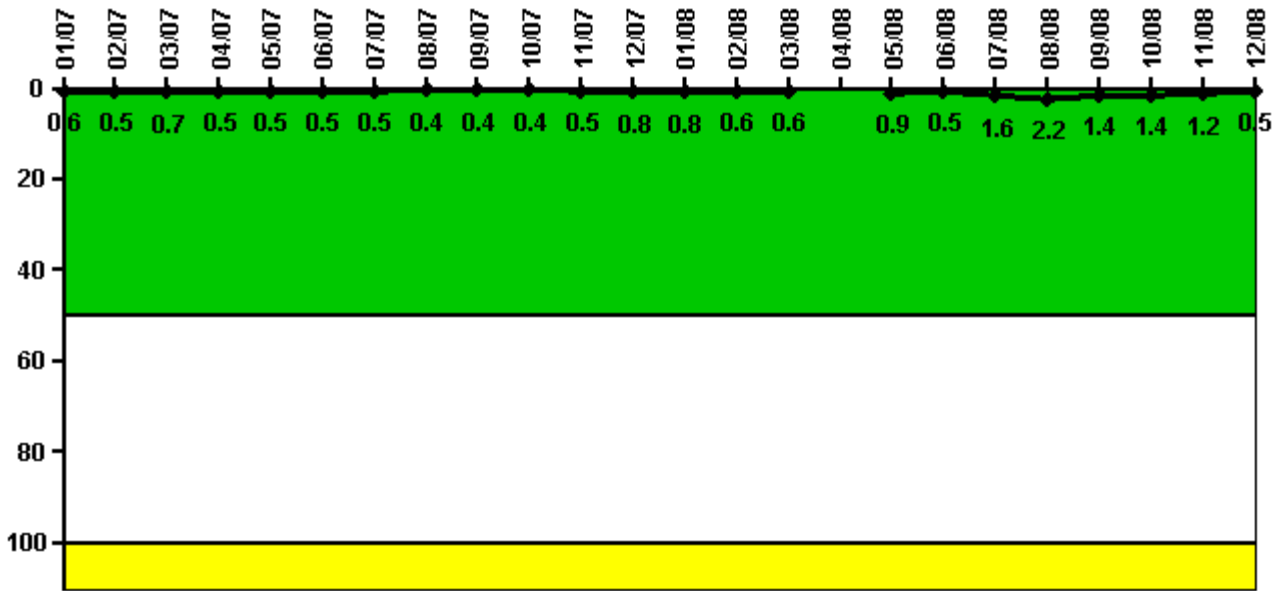
Notes

Reactor Coolant System Activity	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07
Maximum activity	0.000305	0.000336	0.000366	0.000397	0.000397	0.000397	0.000427	0.000458	0.000641	0.000641	0.000580	0.000549
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1

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	0.000710	0.000605	0.000657	0.000005	0.000286	0.000280	0.000308	0.000308	0.000319	0.000320	0.000369	0.000377
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



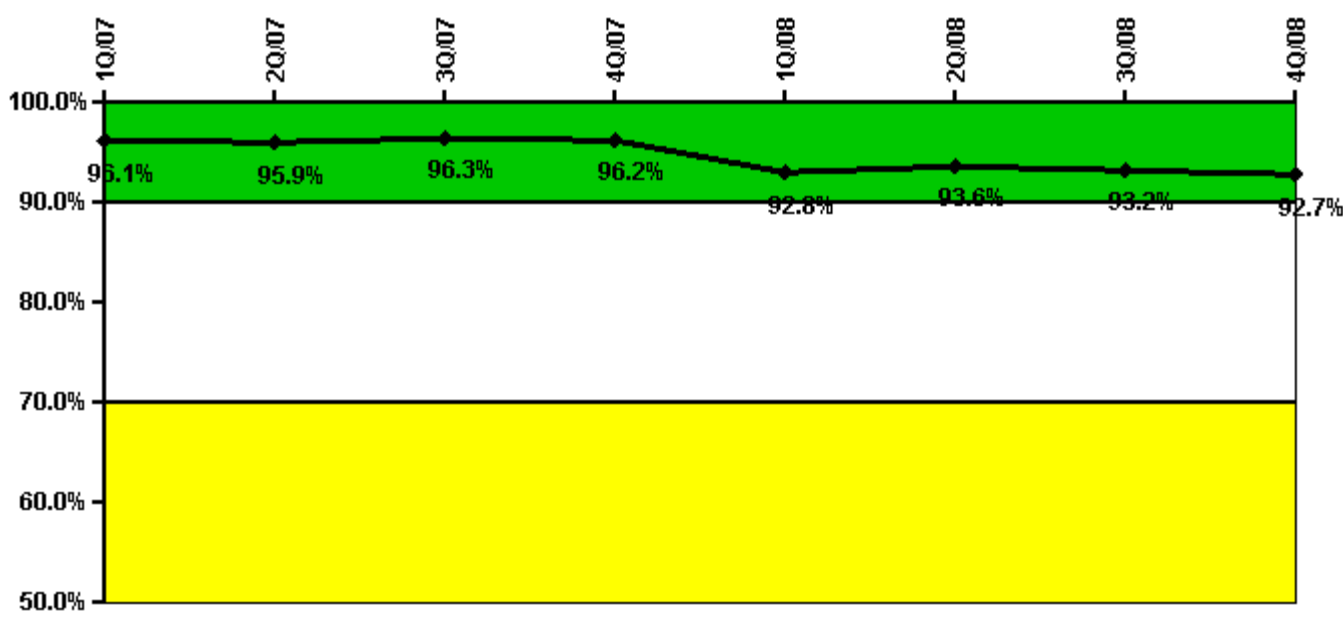
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07
Maximum leakage	0.060	0.050	0.070	0.050	0.050	0.050	0.050	0.040	0.040	0.040	0.050	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	0.6	0.5	0.7	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.5	0.8
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	0.080	0.060	0.060	N/A	0.090	0.050	0.160	0.220	0.140	0.140	0.120	0.050
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.8	0.6	0.6	N/A	0.9	0.5	1.6	2.2	1.4	1.4	1.2	0.5

Licensee Comments: none

Drill/Exercise Performance



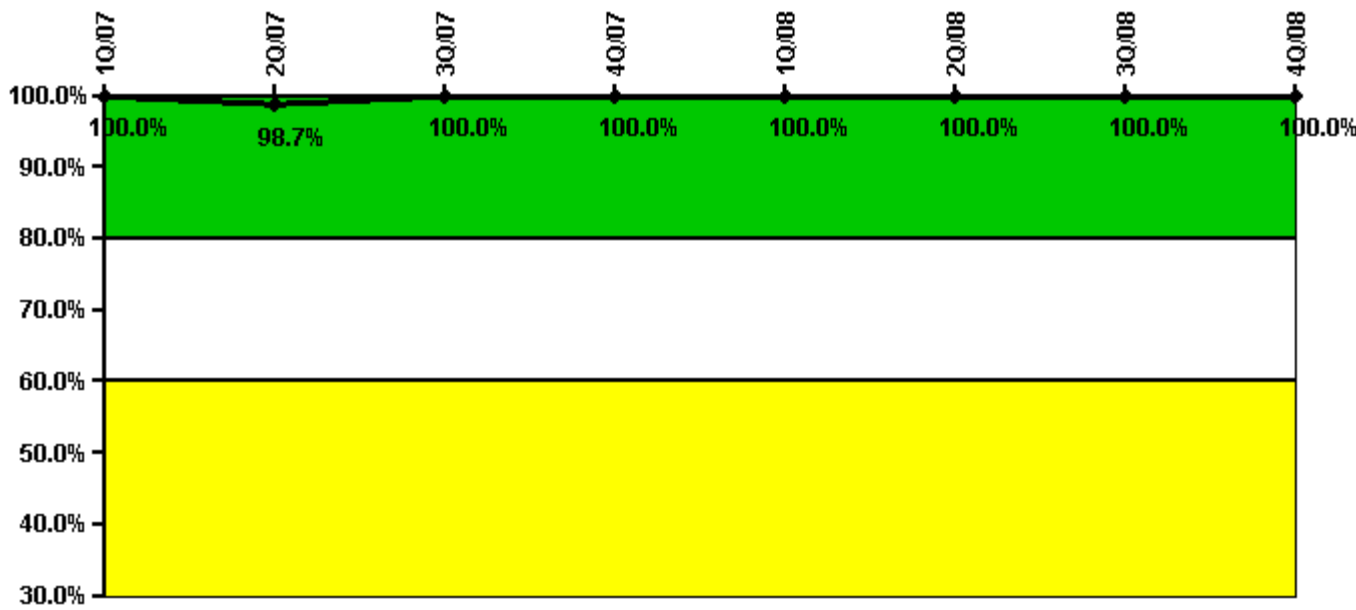
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Successful opportunities	72.0	34.0	30.0	36.0	38.0	55.0	16.0	38.0
Total opportunities	79.0	35.0	30.0	38.0	49.0	56.0	16.0	41.0
Indicator value	96.1%	95.9%	96.3%	96.2%	92.8%	93.6%	93.2%	92.7%

Licensee Comments: none

ERO Drill Participation



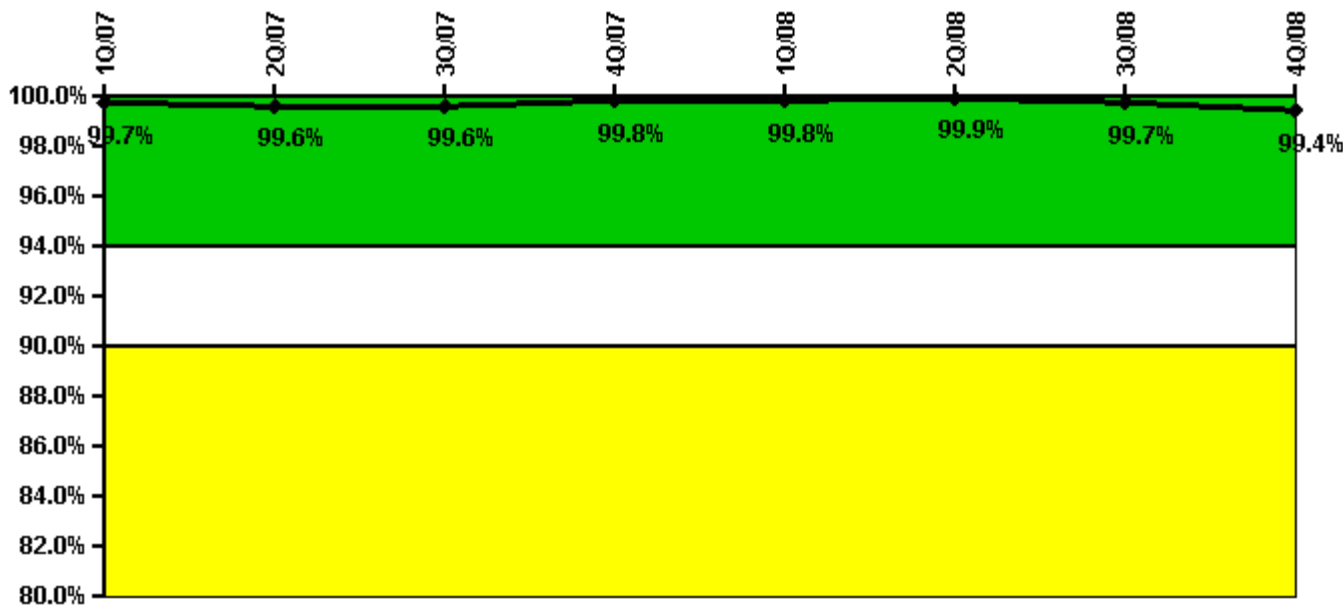
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Participating Key personnel	83.0	78.0	83.0	82.0	80.0	85.0	92.0	85.0
Total Key personnel	83.0	79.0	83.0	82.0	80.0	85.0	92.0	85.0
Indicator value	100.0%	98.7%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



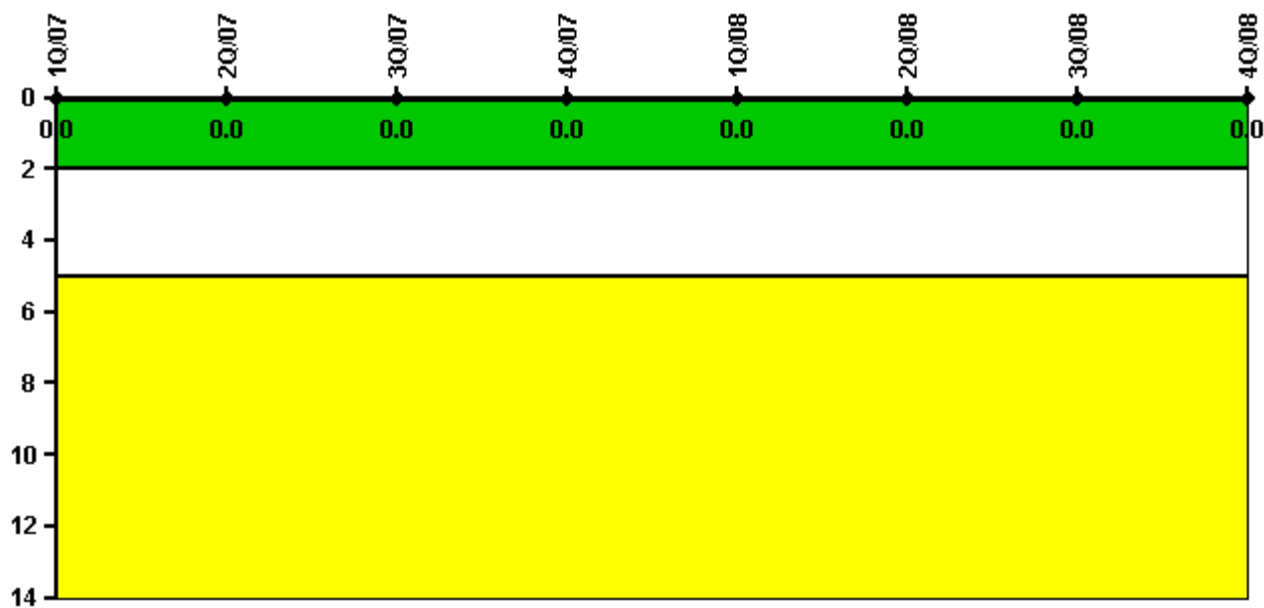
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Successful siren-tests	328	375	328	376	375	329	372	326
Total sirens-tests	329	376	329	376	376	329	376	329
Indicator value	99.7%	99.6%	99.6%	99.8%	99.8%	99.9%	99.7%	99.4%

Licensee Comments: none

Occupational Exposure Control Effectiveness



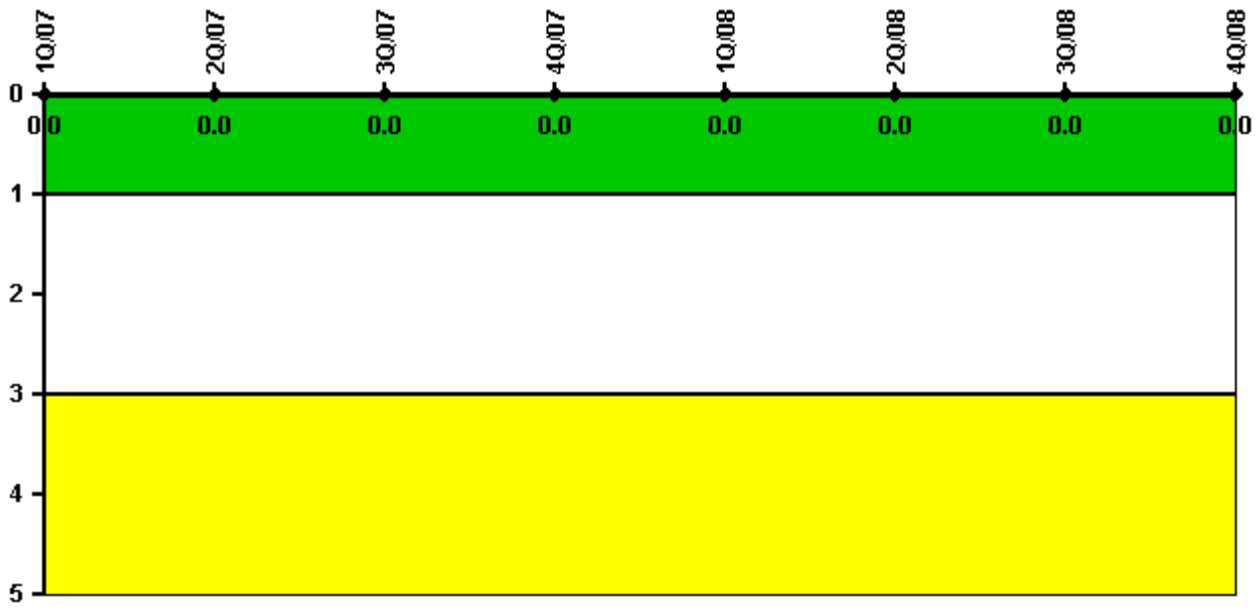
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

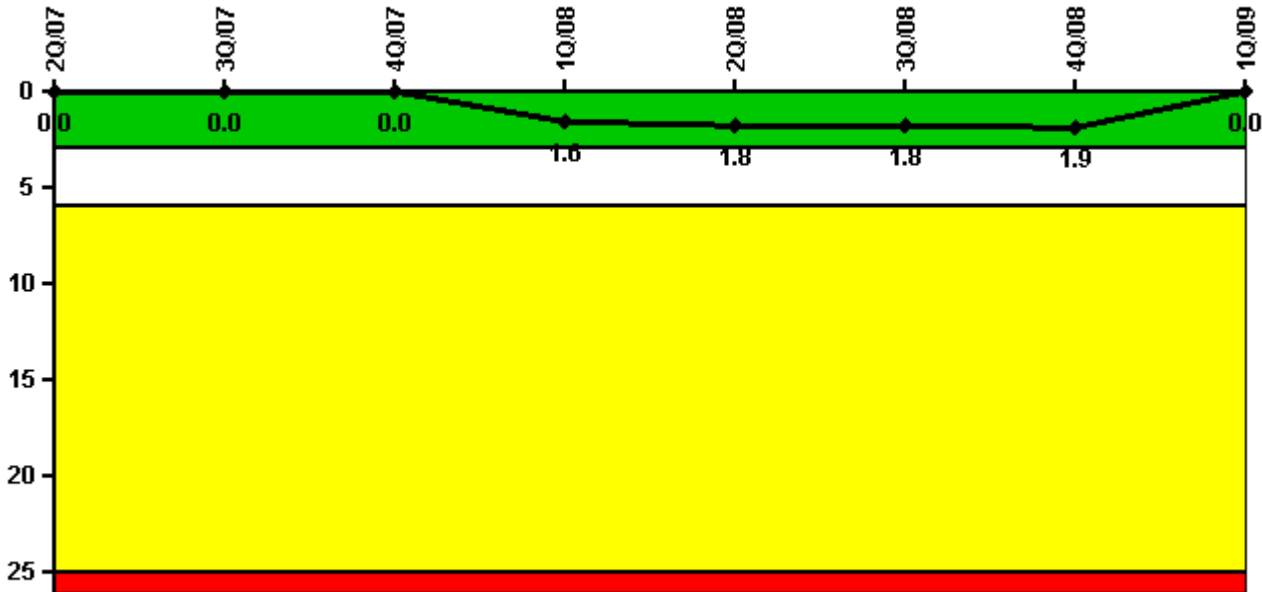
[Security](#) information not publicly available.

Turkey Point 4

1Q/2009 Performance Indicators

Licensee's General Comments: The guidance document NEI 99-02 suggests that data not be reported until the associated LER 2008-02 "SI Isolated in Mode 3 Due to Inadequate Configuration Control" was actually issued to NRC. It was not issued until July, 2008. It was reported in 2nd quarter data due to an administrative error. So the database was corrected to report in in the 3rd quarter of 2008, rather than the 2nd quarter.

Unplanned Scrams per 7000 Critical Hrs



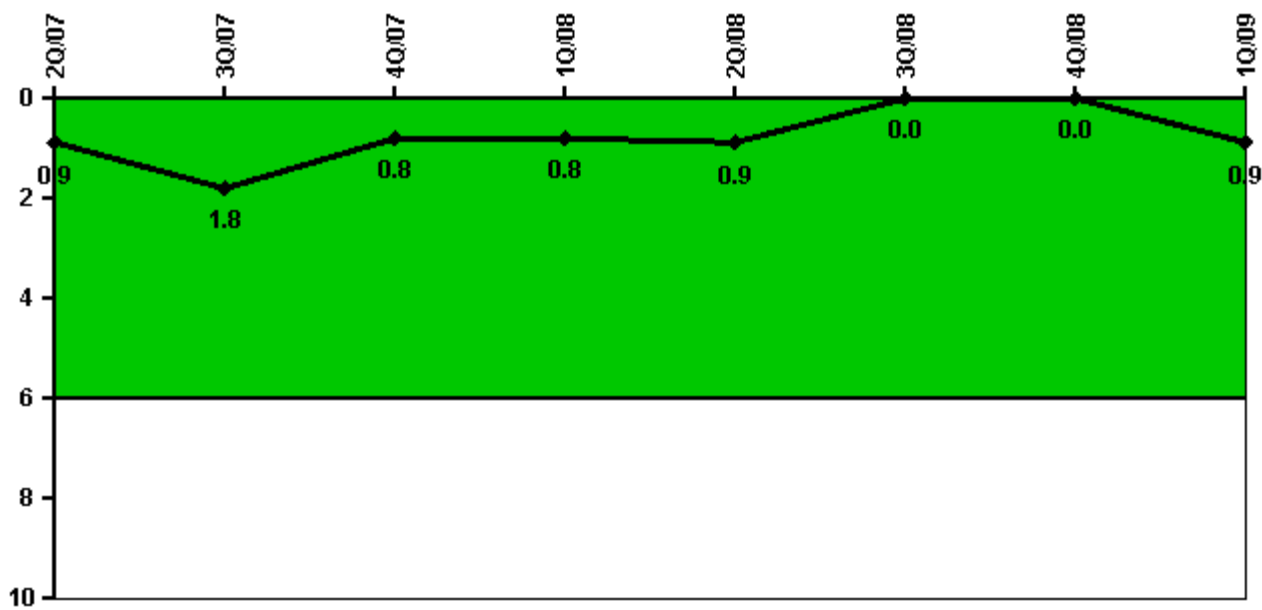
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	2.0	0	0	0	0
Critical hours	2184.0	2077.1	2209.0	2098.6	1255.6	2019.8	2144.4	2159.0
Indicator value	0	0	0	1.6	1.8	1.8	1.9	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



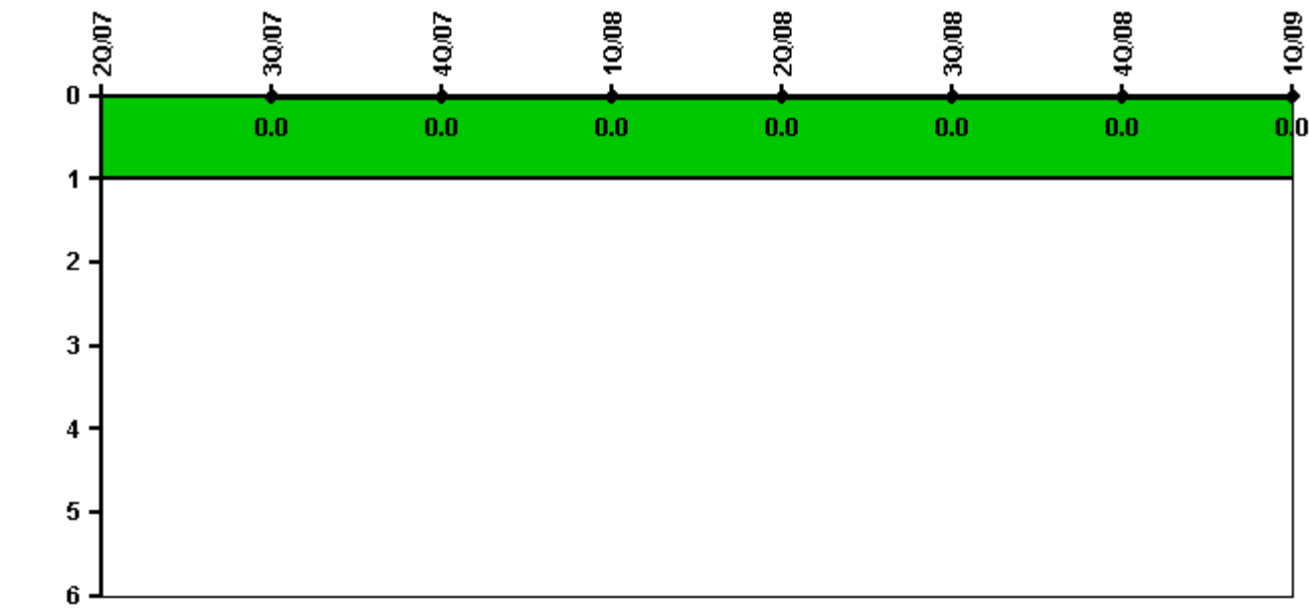
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Unplanned power changes	0	1.0	0	0	0	0	0	1.0
Critical hours	2184.0	2077.1	2209.0	2098.6	1255.6	2019.8	2144.4	2159.0
Indicator value	0.9	1.8	0.8	0.8	0.9	0	0	0.9

Licensee Comments: none

Unplanned Scrams with Complications



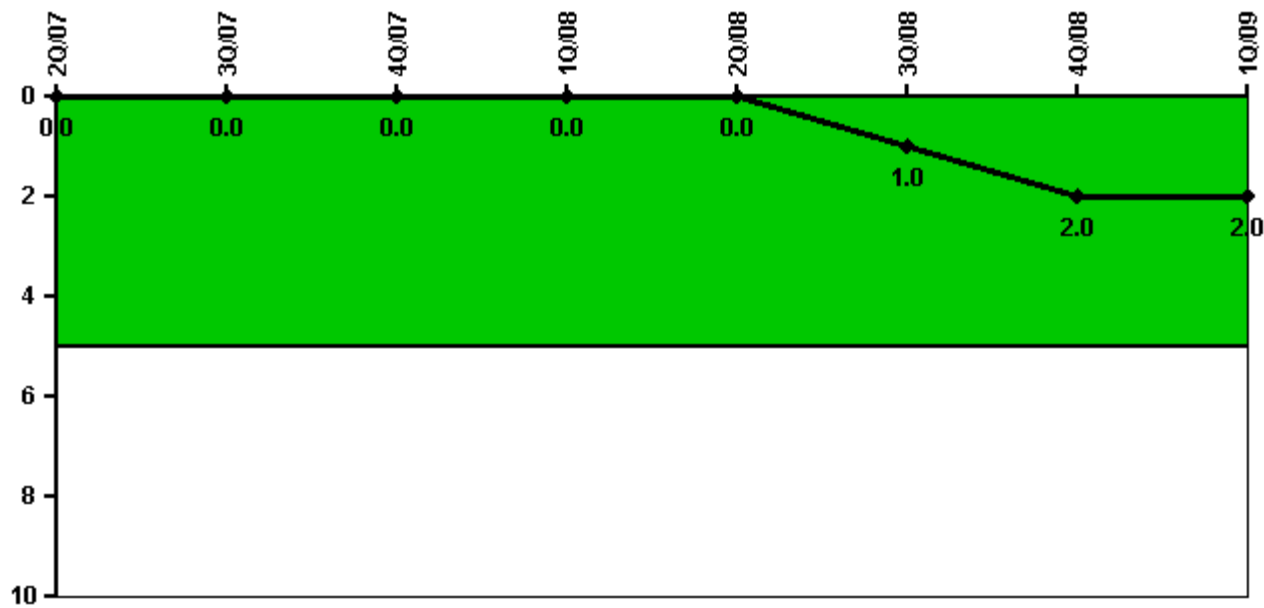
Thresholds: White > 1.0

Notes

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

Licensee Comments: none

Safety System Functional Failures (PWR)



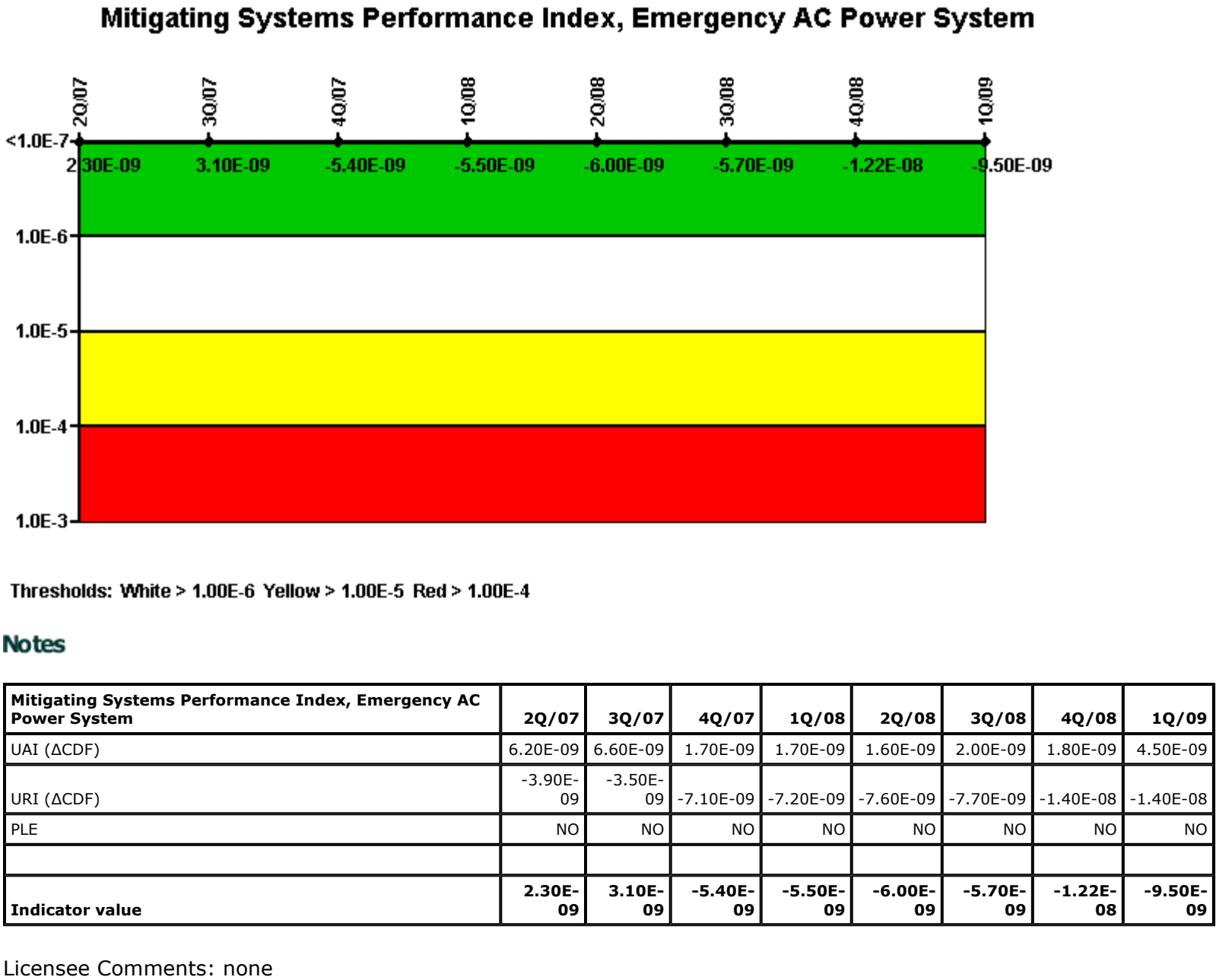
Thresholds: White > 5.0

Notes

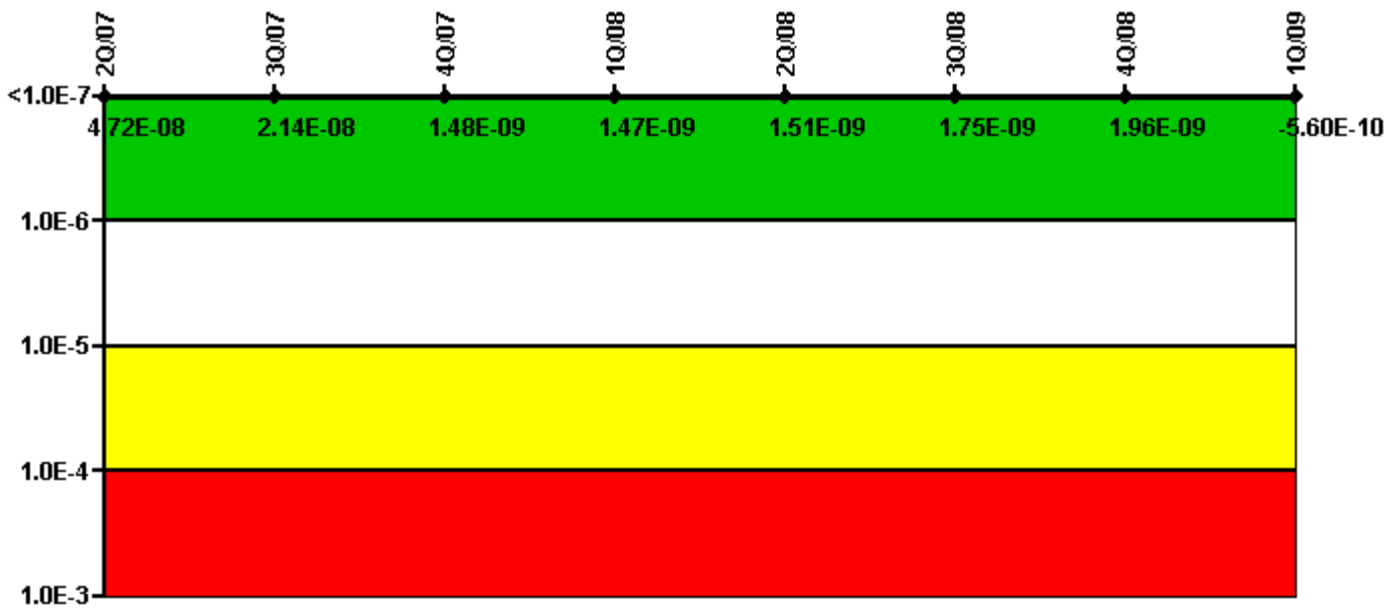
Safety System Functional Failures (PWR)	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Safety System Functional Failures	0	0	0	0	0	1	1	0
Indicator value	0	0	0	0	0	1	2	2

Licensee Comments:

3Q/08: LER 2008-02, Safety Injection Isolated in Mode 3 Due to Inadequate Configuration Control, issued 7/2/08



Mitigating Systems Performance Index, High Pressure Injection System



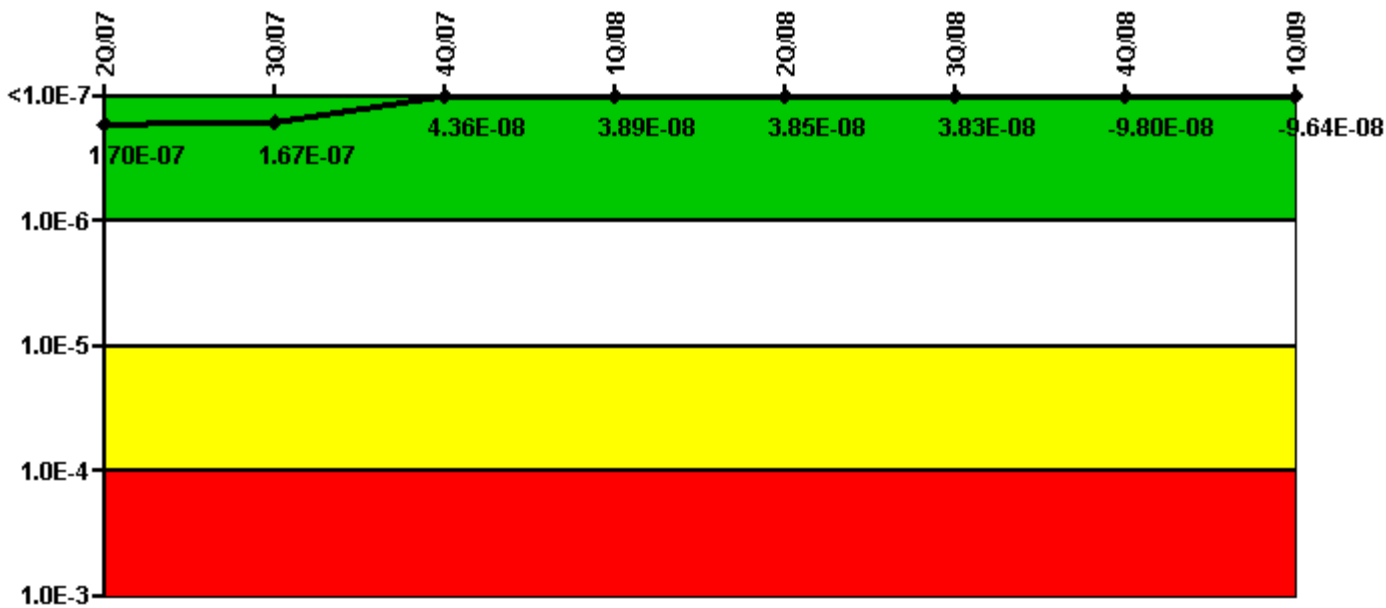
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	-1.80E-09	-1.60E-09	7.60E-11	6.90E-11	1.10E-10	3.50E-10	5.60E-10	5.40E-10
URI (ΔCDF)	4.90E-08	2.30E-08	1.40E-09	1.40E-09	1.40E-09	1.40E-09	1.40E-09	-1.10E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.72E-08	2.14E-08	1.48E-09	1.47E-09	1.51E-09	1.75E-09	1.96E-09	-5.60E-10

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



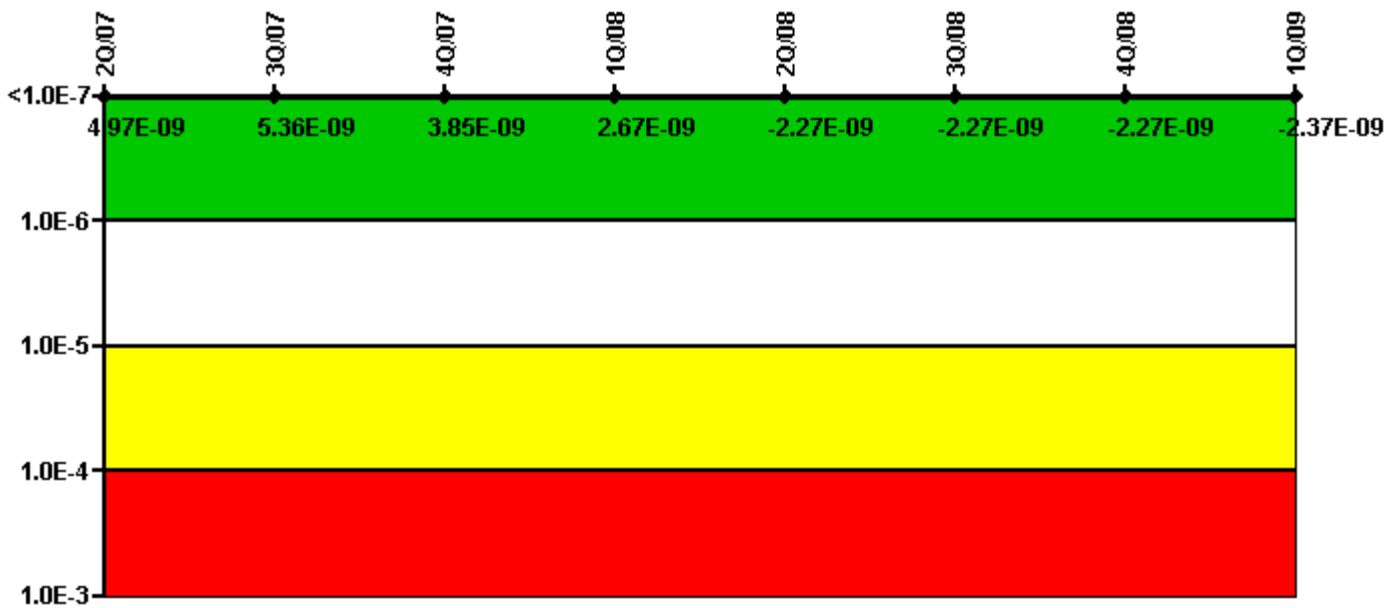
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI (ΔCDF)	9.90E-09	7.30E-09	5.60E-09	8.60E-10	4.50E-10	3.30E-10	-2.50E-11	3.60E-09
URI (ΔCDF)	1.60E-07	1.60E-07	3.80E-08	3.80E-08	3.80E-08	3.80E-08	-9.80E-08	-1.00E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.70E-07	1.67E-07	4.36E-08	3.89E-08	3.85E-08	3.83E-08	-9.80E-08	-9.64E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



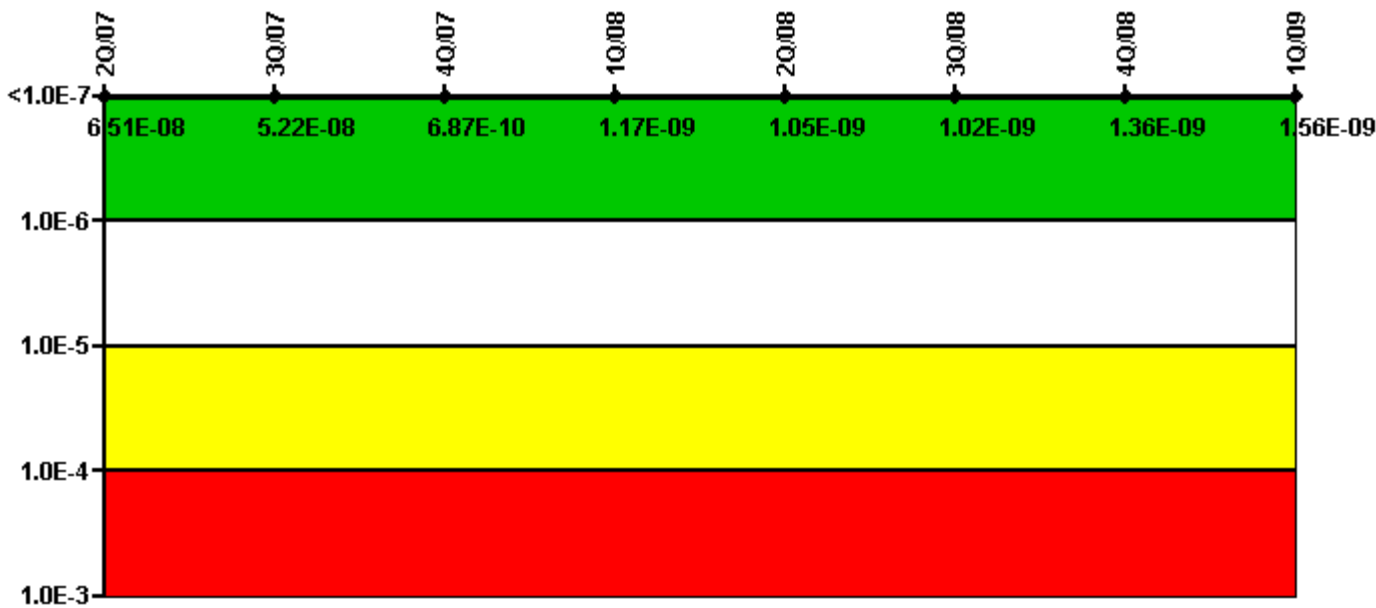
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI (ΔCDF)	-2.70E-11	5.60E-10	9.50E-10	-3.50E-11	-4.70E-10	-4.70E-10	-4.70E-10	-4.70E-10
URI (ΔCDF)	5.00E-09	4.80E-09	2.90E-09	2.70E-09	-1.80E-09	-1.80E-09	-1.80E-09	-1.90E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.97E-09	5.36E-09	3.85E-09	2.67E-09	-2.27E-09	-2.27E-09	-2.27E-09	-2.37E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



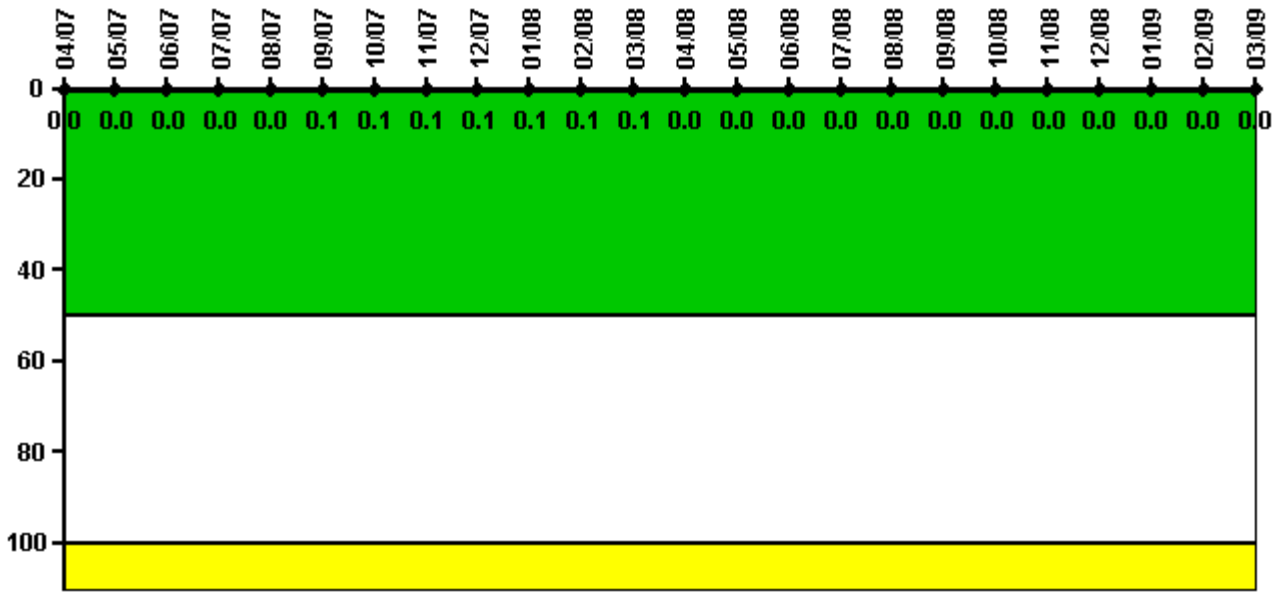
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI (ΔCDF)	6.40E-08	5.10E-08	6.00E-10	8.00E-10	9.90E-10	9.60E-10	1.30E-09	1.50E-09
URI (ΔCDF)	1.10E-09	1.20E-09	8.70E-11	3.70E-10	6.00E-11	6.10E-11	6.20E-11	6.10E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	6.51E-08	5.22E-08	6.87E-10	1.17E-09	1.05E-09	1.02E-09	1.36E-09	1.56E-09

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

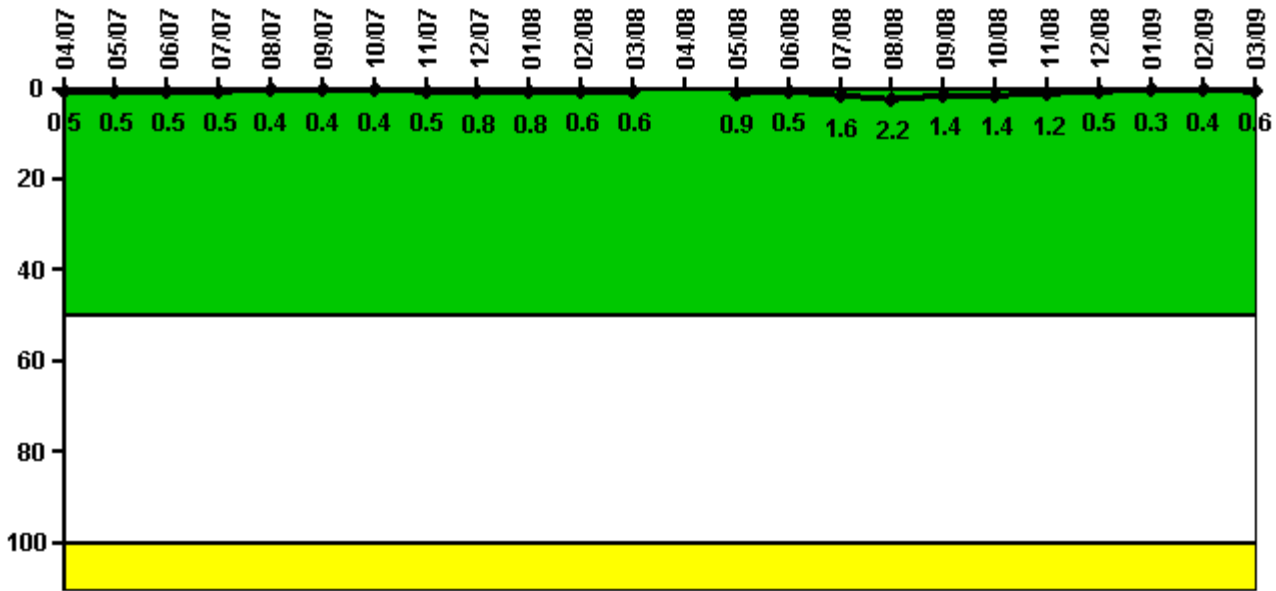
Notes

Reactor Coolant System Activity	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08
Maximum activity	0.000397	0.000397	0.000397	0.000427	0.000458	0.000641	0.000641	0.000580	0.000549	0.000710	0.000605	0.000657
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1

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	0.000005	0.000286	0.000280	0.000308	0.000308	0.000319	0.000320	0.000369	0.000377	0.000402	0.000391	0.000489
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



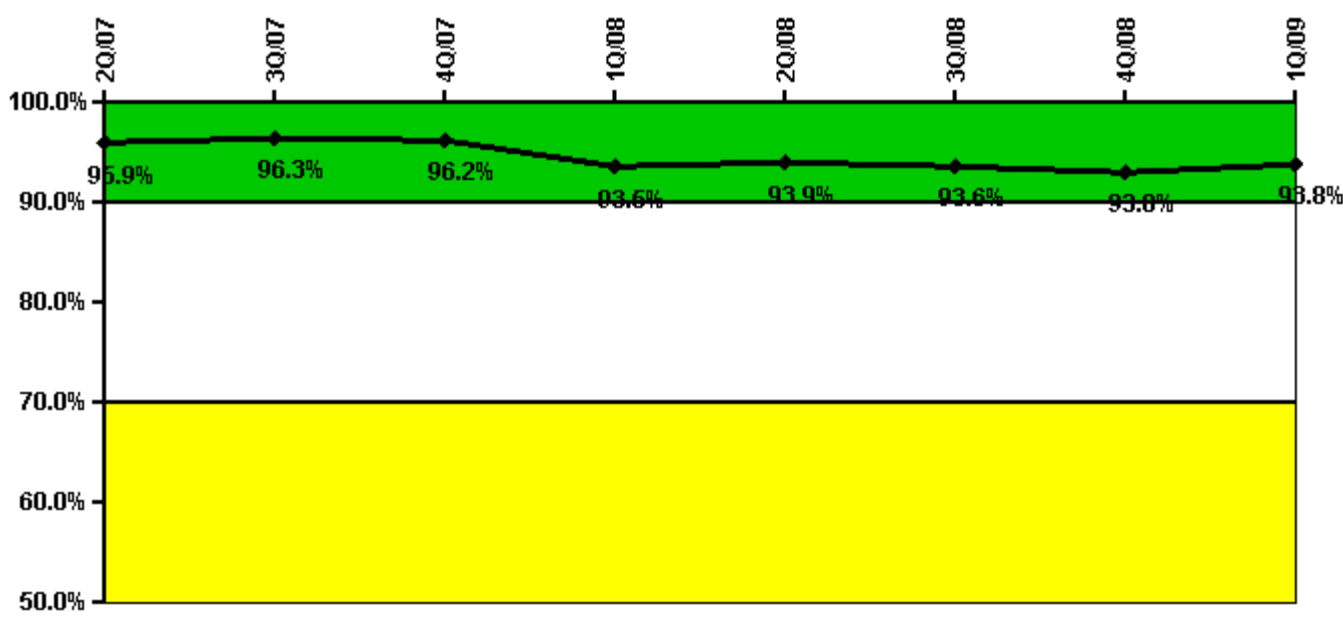
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08
Maximum leakage	0.050	0.050	0.050	0.050	0.040	0.040	0.040	0.050	0.080	0.080	0.060	0.060
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.5	0.8	0.8	0.6	0.6
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	N/A	0.090	0.050	0.160	0.220	0.140	0.140	0.120	0.050	0.030	0.040	0.060
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	N/A	0.9	0.5	1.6	2.2	1.4	1.4	1.2	0.5	0.3	0.4	0.6

Licensee Comments: none

Drill/Exercise Performance



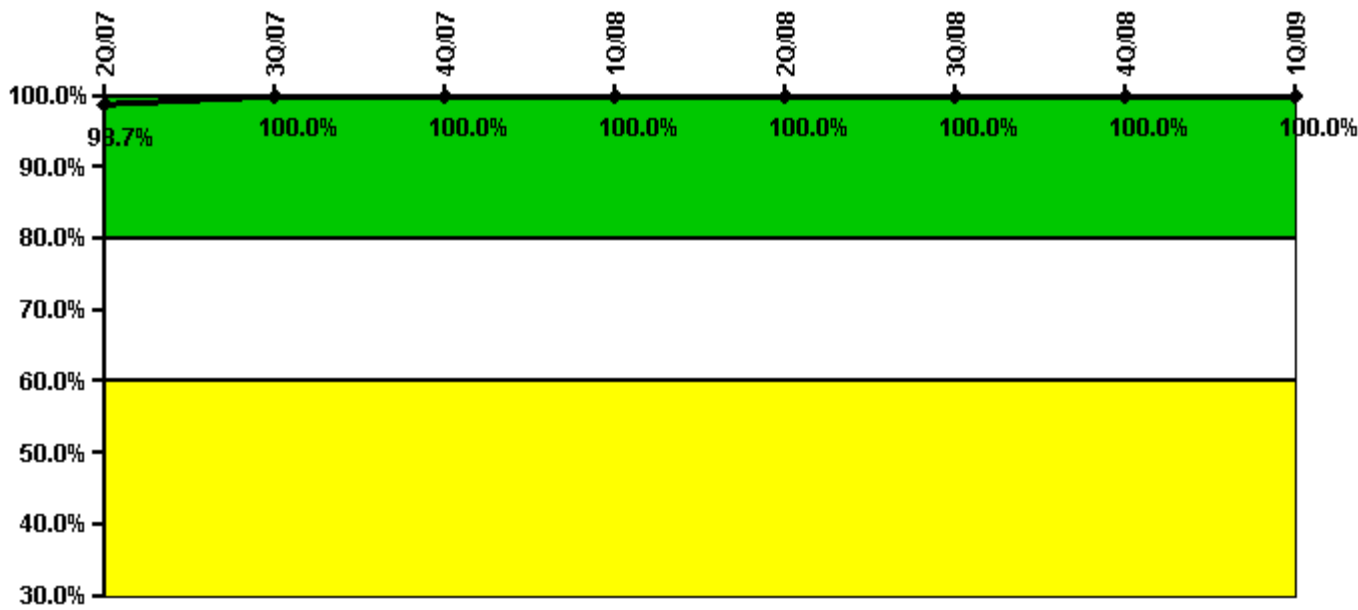
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Successful opportunities	34.0	30.0	36.0	37.0	40.0	20.0	38.0	68.0
Total opportunities	35.0	30.0	38.0	45.0	42.0	20.0	41.0	72.0
Indicator value	95.9%	96.3%	96.2%	93.5%	93.9%	93.6%	93.0%	93.8%

Licensee Comments: none

ERO Drill Participation



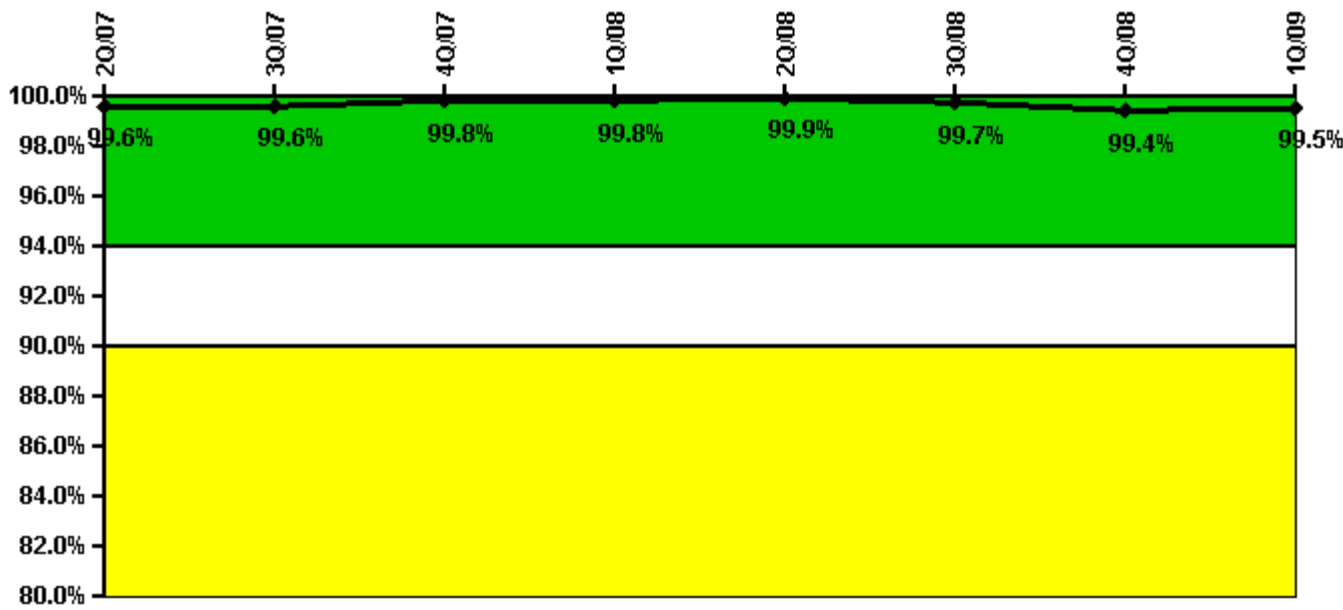
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Participating Key personnel	78.0	83.0	82.0	80.0	85.0	92.0	85.0	81.0
Total Key personnel	79.0	83.0	82.0	80.0	85.0	92.0	85.0	81.0
Indicator value	98.7%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



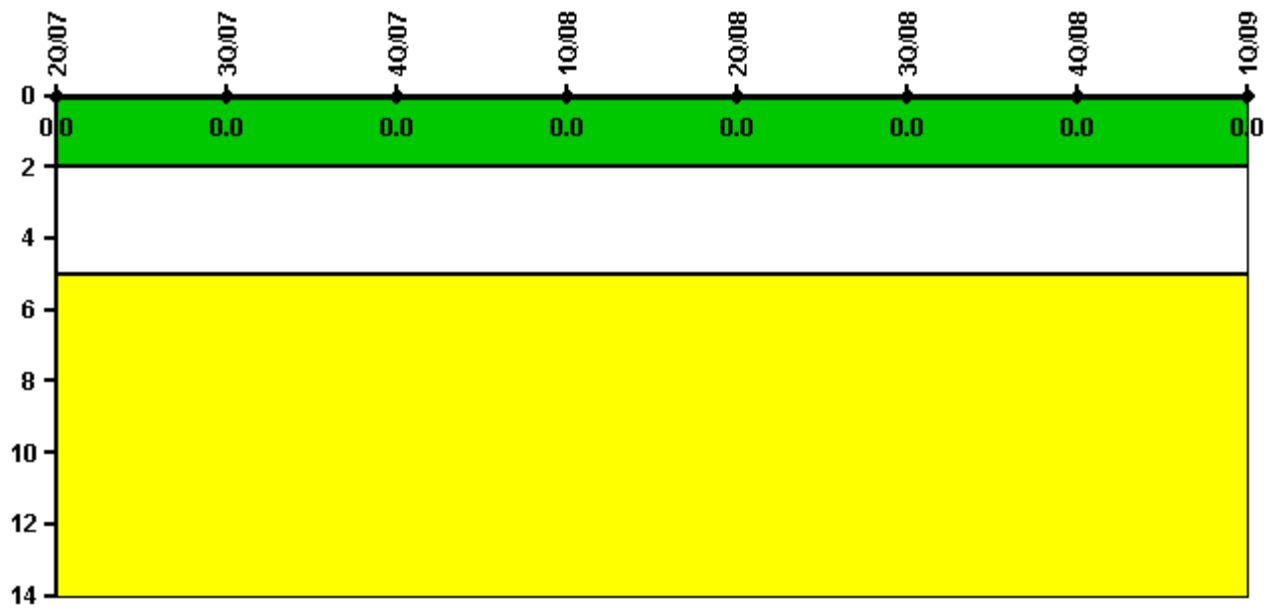
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Successful siren-tests	375	328	376	375	329	372	326	329
Total sirens-tests	376	329	376	376	329	376	329	329
Indicator value	99.6%	99.6%	99.8%	99.8%	99.9%	99.7%	99.4%	99.5%

Licensee Comments: none

Occupational Exposure Control Effectiveness



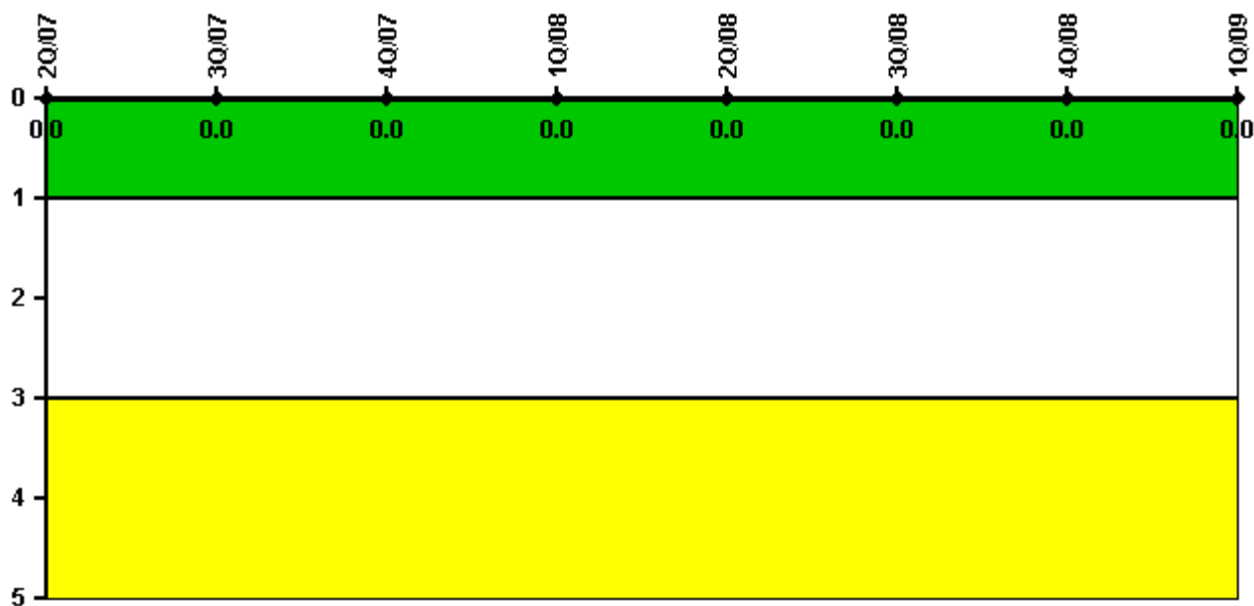
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

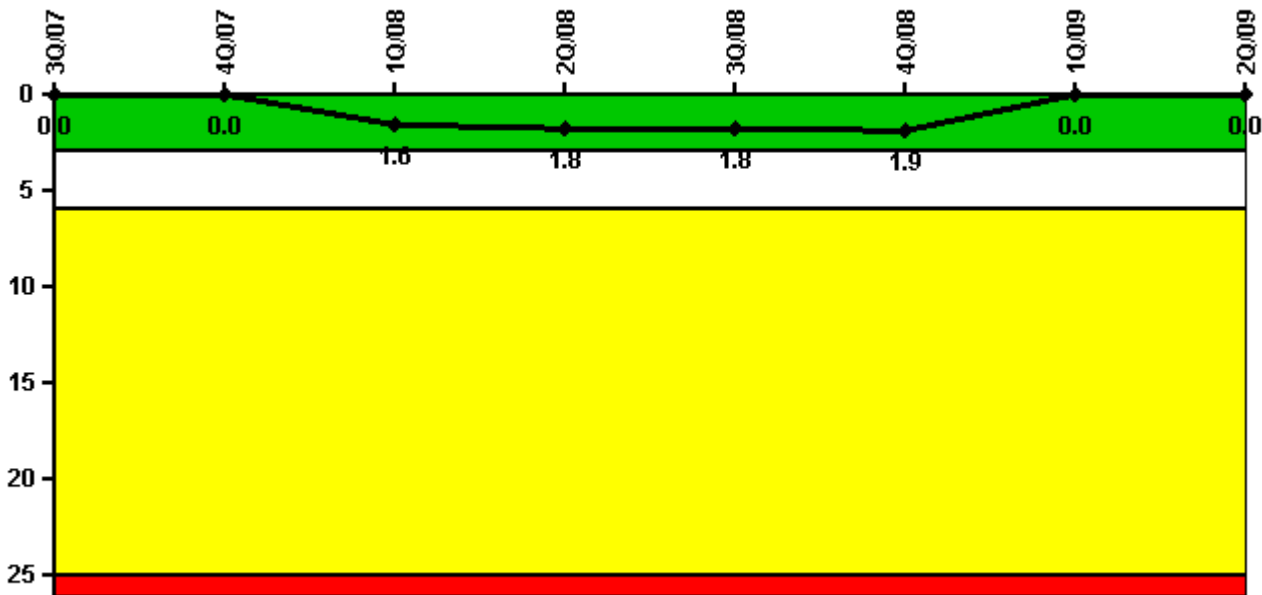
[Security](#) information not publicly available.

Turkey Point 4

2Q/2009 Performance Indicators

Licensee's General Comments: The 3/30/09 siren test data was not in the original submittal made in 1st quarter 2009. This affected data for both units 3 and 4. Unit 3 also had a correction to 2Q2008 RCS activity data.

Unplanned Scrams per 7000 Critical Hrs



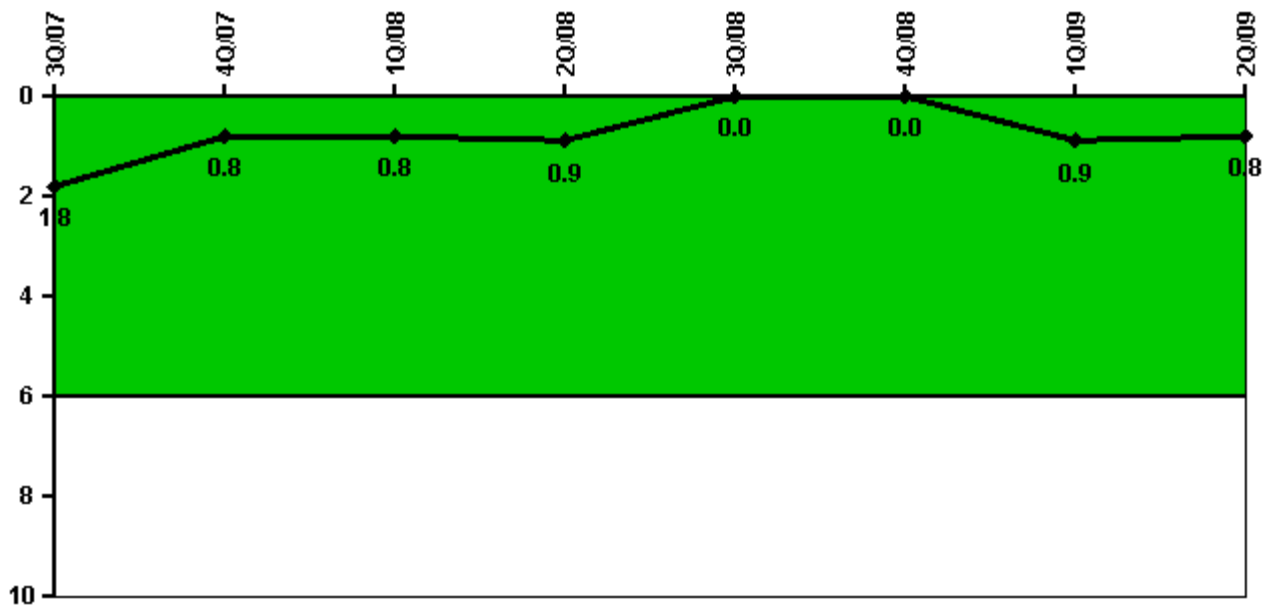
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	2.0	0	0	0	0	0
Critical hours	2077.1	2209.0	2098.6	1255.6	2019.8	2144.4	2159.0	2184.0
Indicator value	0	0	1.6	1.8	1.8	1.9	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



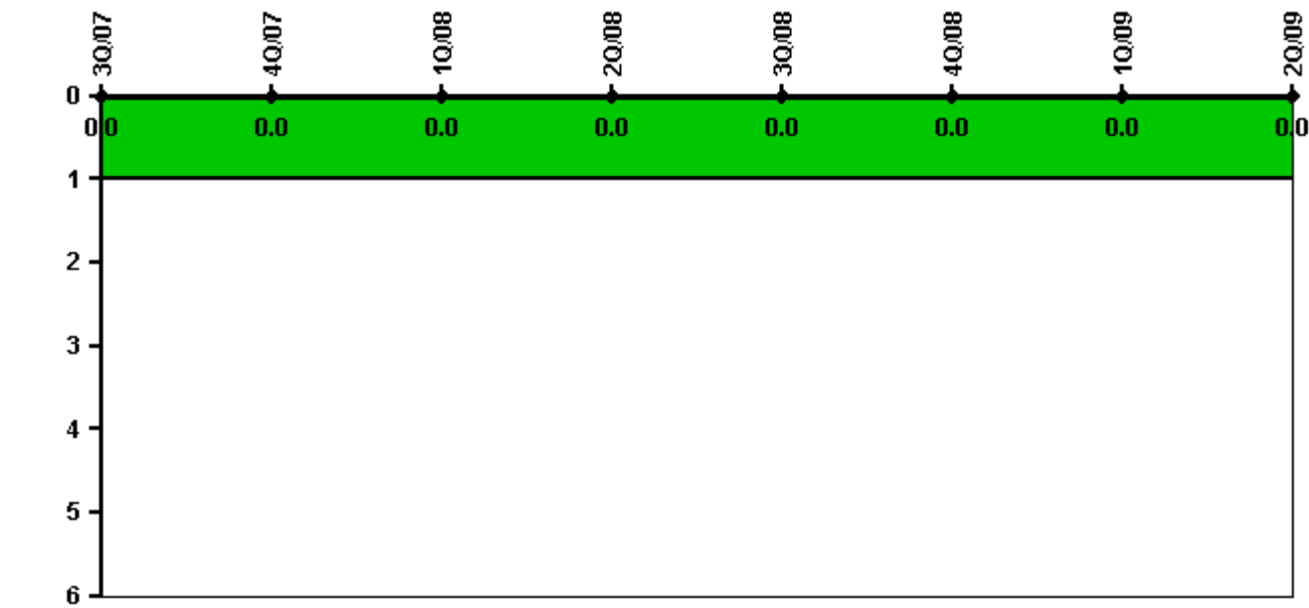
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Unplanned power changes	1.0	0	0	0	0	0	1.0	0
Critical hours	2077.1	2209.0	2098.6	1255.6	2019.8	2144.4	2159.0	2184.0
Indicator value	1.8	0.8	0.8	0.9	0	0	0.9	0.8

Licensee Comments: none

Unplanned Scrams with Complications



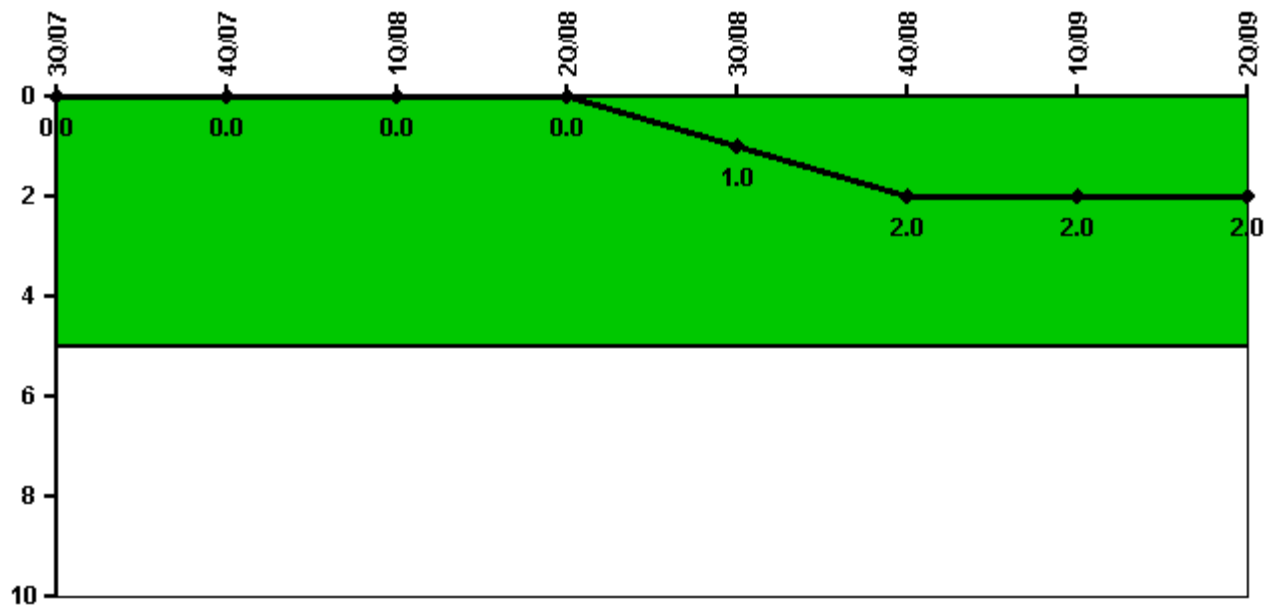
Thresholds: White > 1.0

Notes

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

Licensee Comments: none

Safety System Functional Failures (PWR)

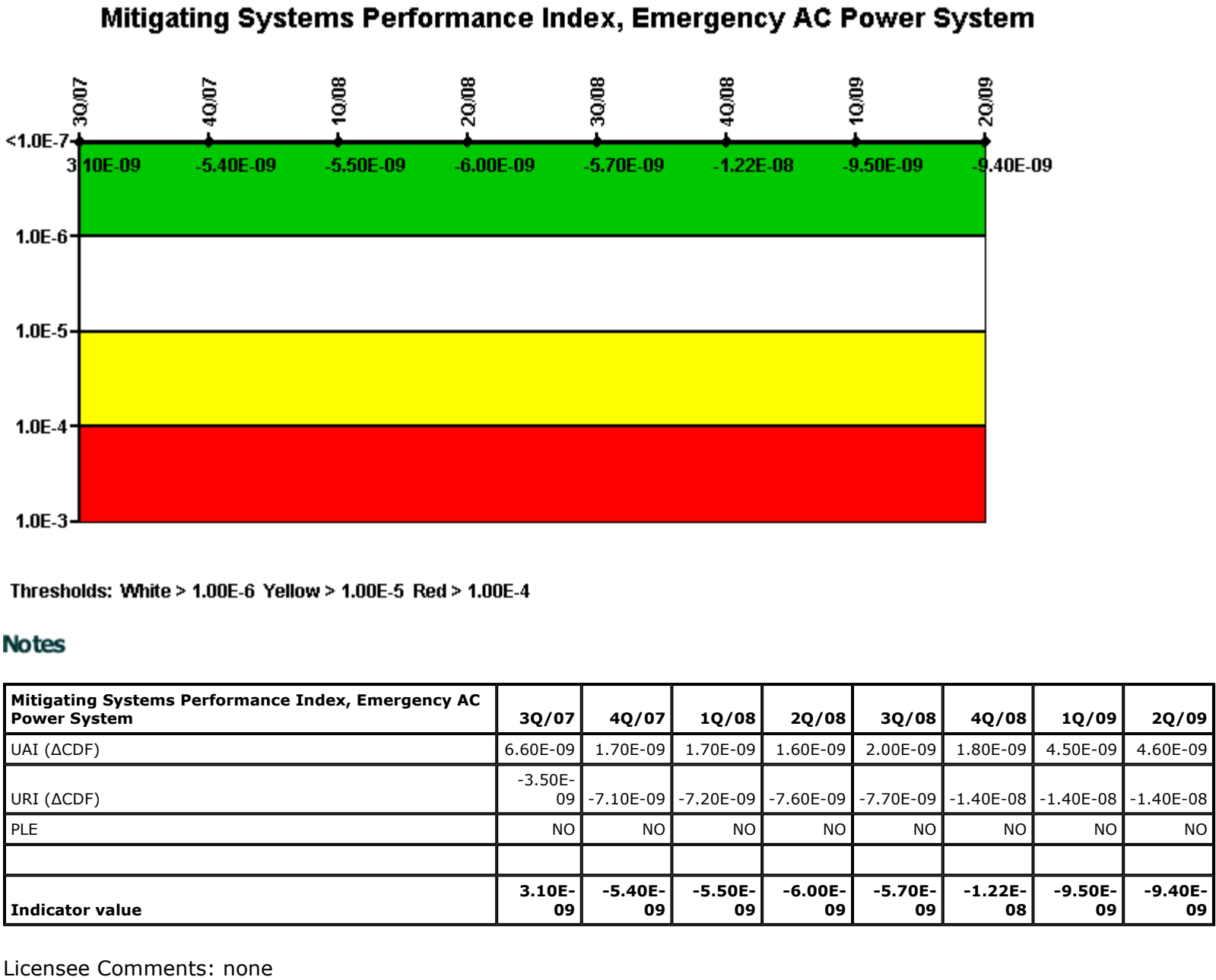


Thresholds: White > 5.0

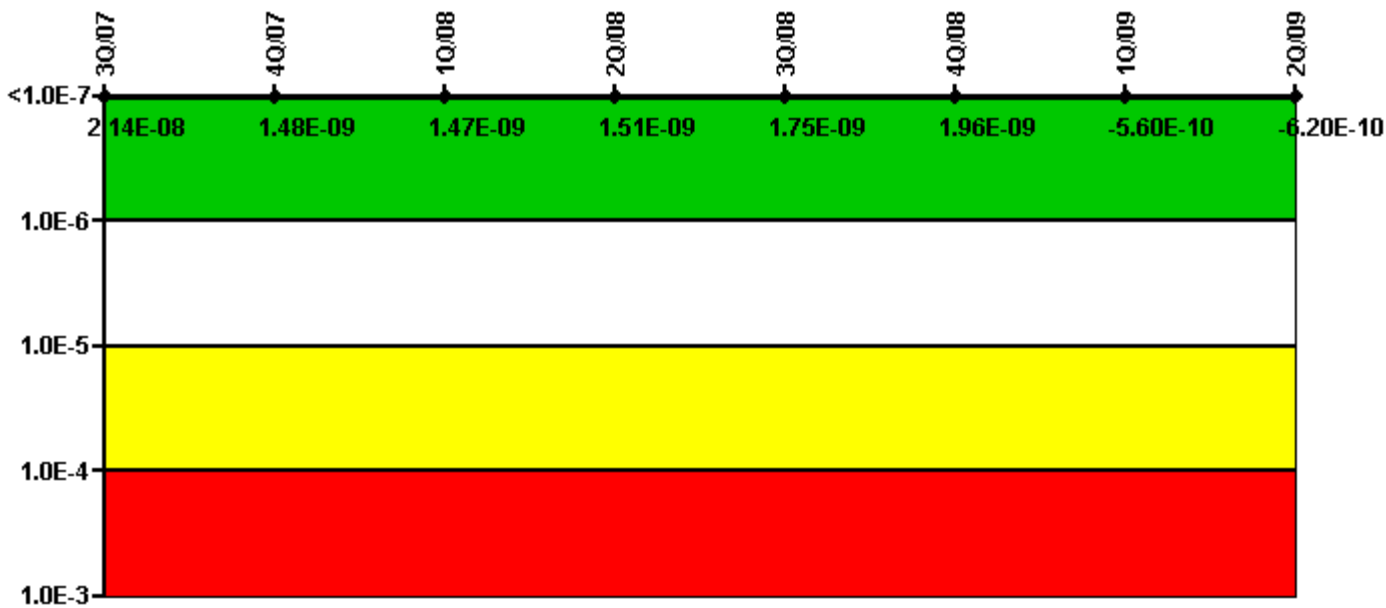
Notes

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

Licensee Comments: none



Mitigating Systems Performance Index, High Pressure Injection System



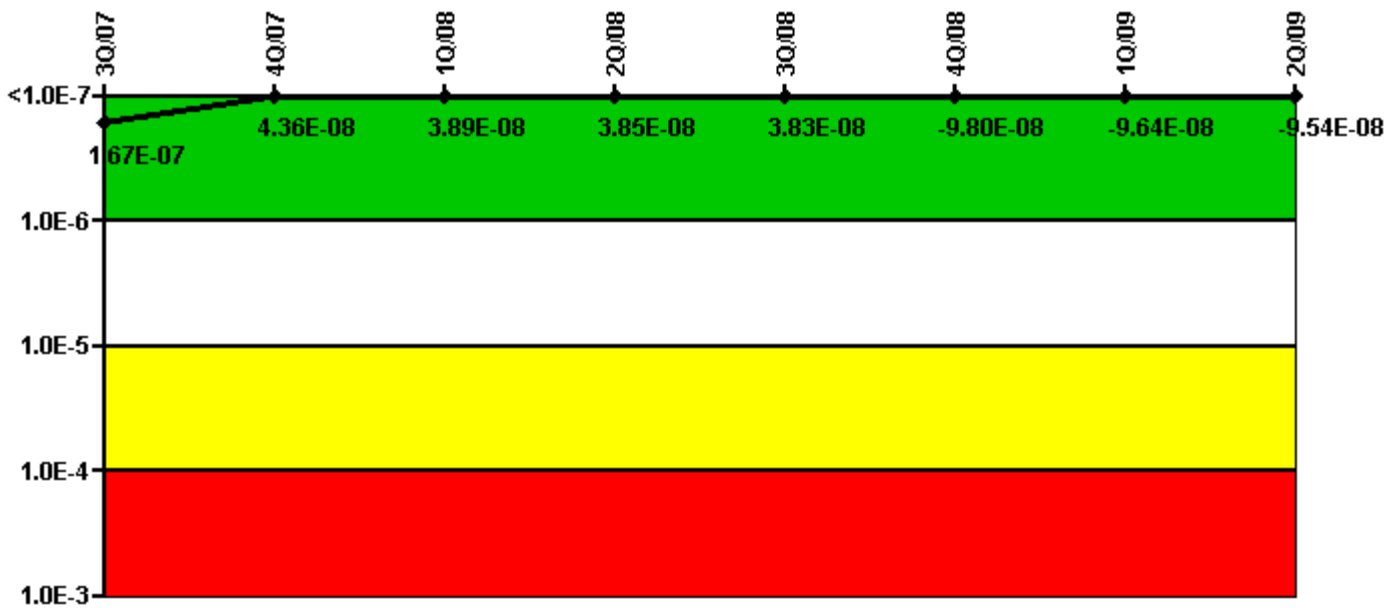
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
UAI (ΔCDF)	-1.60E-09	7.60E-11	6.90E-11	1.10E-10	3.50E-10	5.60E-10	5.40E-10	4.80E-10
URI (ΔCDF)	2.30E-08	1.40E-09	1.40E-09	1.40E-09	1.40E-09	1.40E-09	-1.10E-09	-1.10E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.14E-08	1.48E-09	1.47E-09	1.51E-09	1.75E-09	1.96E-09	-5.60E-10	-6.20E-10

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



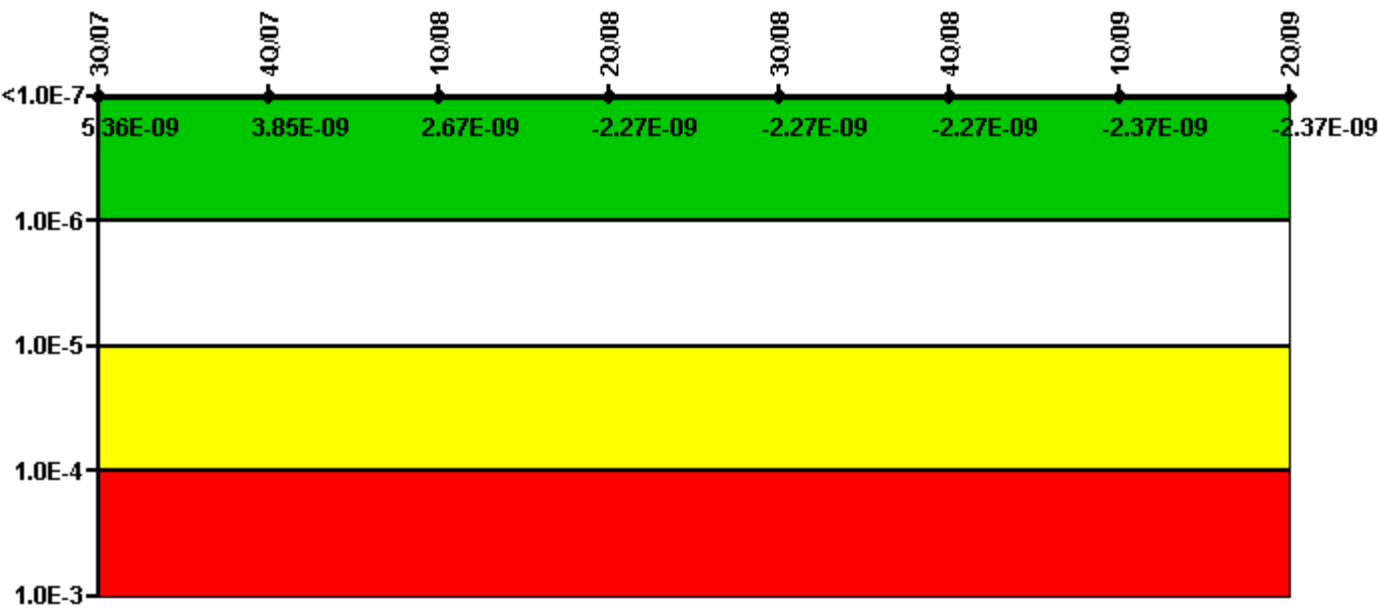
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
UAI (ΔCDF)	7.30E-09	5.60E-09	8.60E-10	4.50E-10	3.30E-10	-2.50E-11	3.60E-09	4.60E-09
URI (ΔCDF)	1.60E-07	3.80E-08	3.80E-08	3.80E-08	3.80E-08	-9.80E-08	-1.00E-07	-1.00E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.67E-07	4.36E-08	3.89E-08	3.85E-08	3.83E-08	-9.80E-08	-9.64E-08	-9.54E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



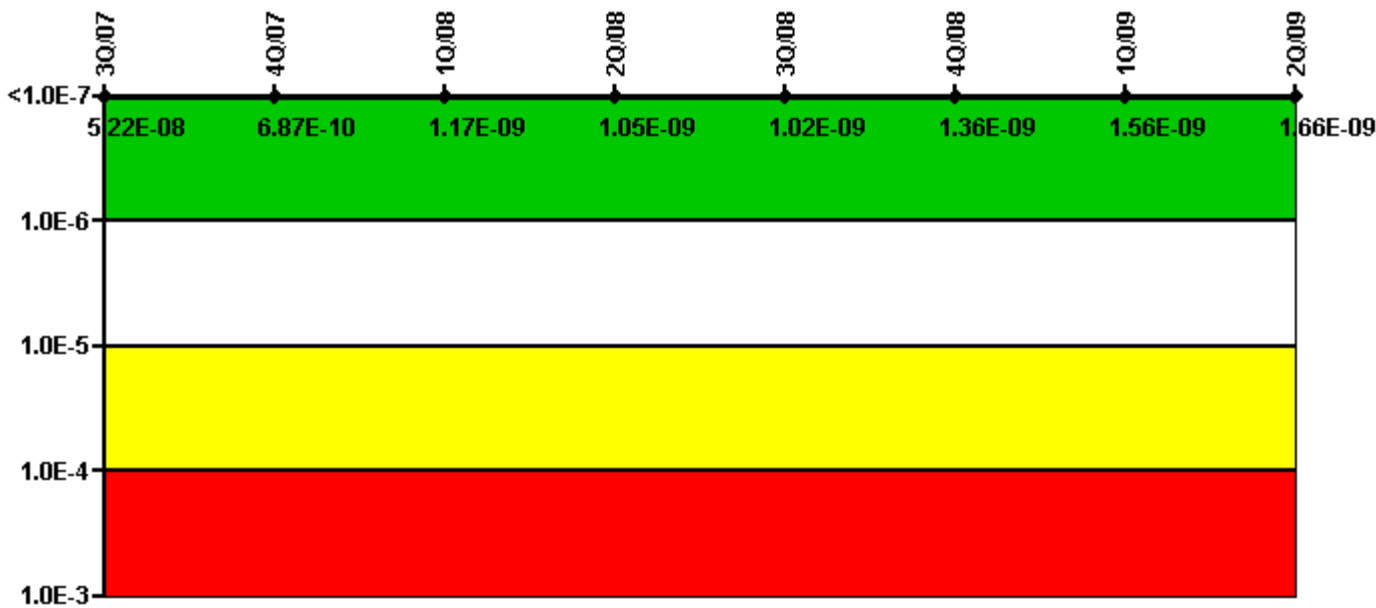
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
UAI (ΔCDF)	5.60E-10	9.50E-10	-3.50E-11	-4.70E-10	-4.70E-10	-4.70E-10	-4.70E-10	-4.70E-10
URI (ΔCDF)	4.80E-09	2.90E-09	2.70E-09	-1.80E-09	-1.80E-09	-1.80E-09	-1.90E-09	-1.90E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	5.36E-09	3.85E-09	2.67E-09	-2.27E-09	-2.27E-09	-2.27E-09	-2.37E-09	-2.37E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



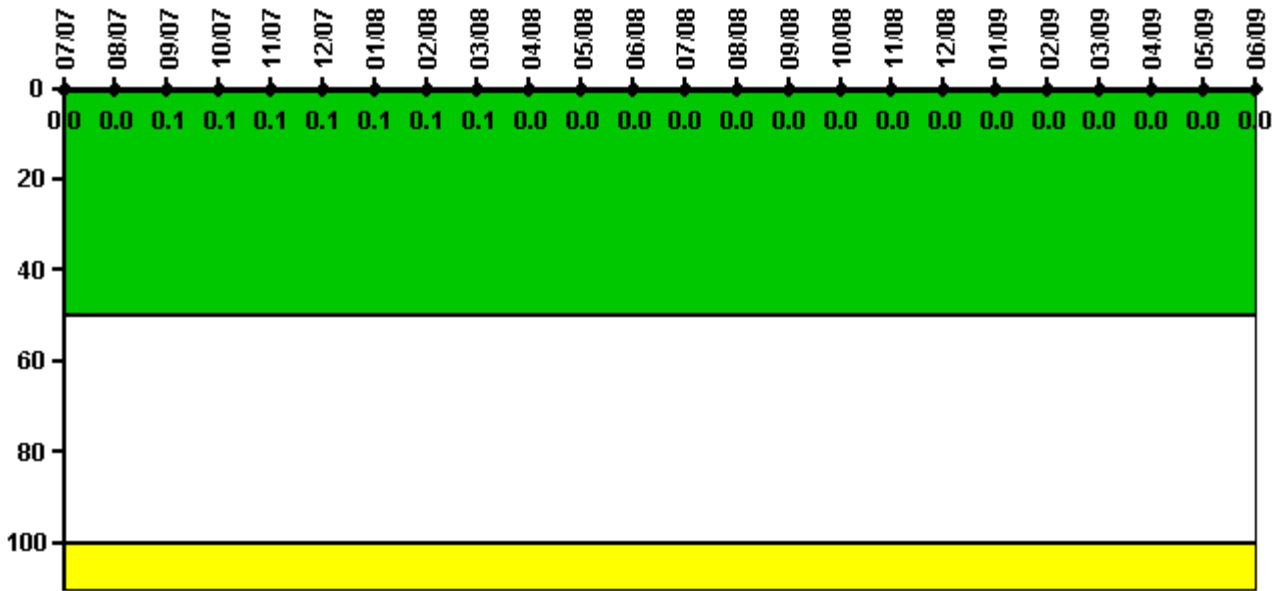
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
UAI (ΔCDF)	5.10E-08	6.00E-10	8.00E-10	9.90E-10	9.60E-10	1.30E-09	1.50E-09	1.60E-09
URI (ΔCDF)	1.20E-09	8.70E-11	3.70E-10	6.00E-11	6.10E-11	6.20E-11	6.10E-11	6.00E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	5.22E-08	6.87E-10	1.17E-09	1.05E-09	1.02E-09	1.36E-09	1.56E-09	1.66E-09

Licensee Comments: none

Reactor Coolant System Activity



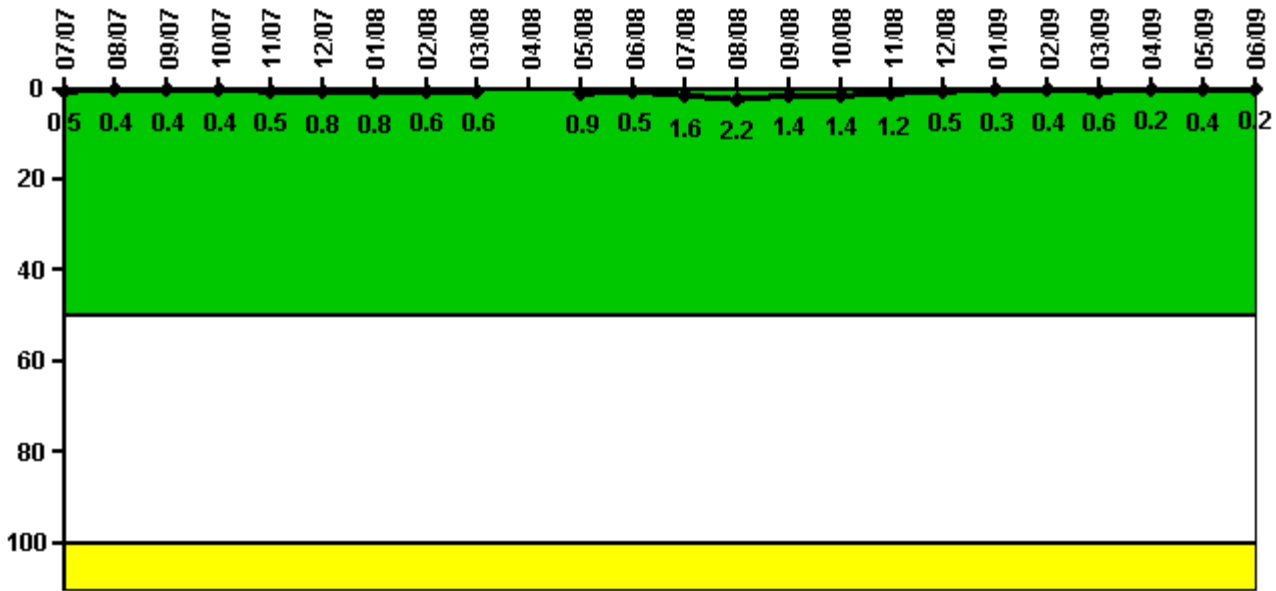
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08
Maximum activity	0.000427	0.000458	0.000641	0.000641	0.000580	0.000549	0.000710	0.000605	0.000657	0.000005	0.000286	0.000280
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0	0	0
Reactor Coolant System Activity	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09	4/09	5/09	6/09
Maximum activity	0.000308	0.000308	0.000319	0.000320	0.000369	0.000377	0.000402	0.000391	0.000489	0.000424	0.000459	0.000461
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



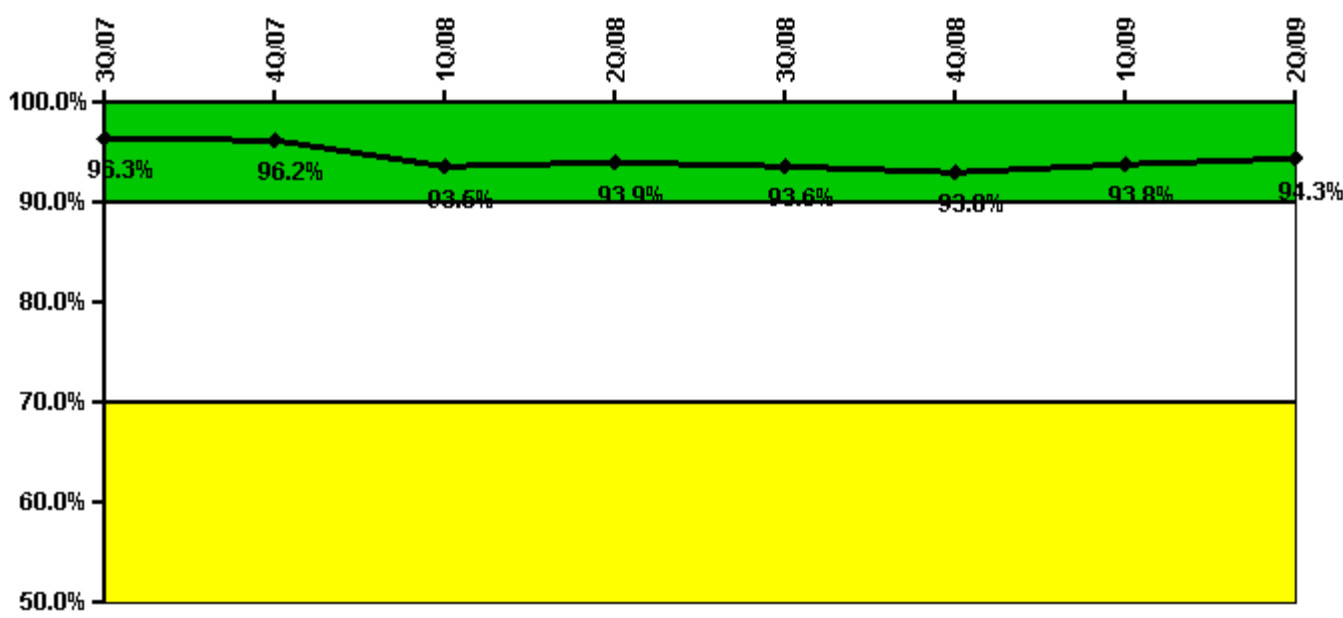
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08
Maximum leakage	0.050	0.040	0.040	0.040	0.050	0.080	0.080	0.060	0.060	N/A	0.090	0.050
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	0.4	0.4	0.4	0.5	0.8	0.8	0.6	0.6	N/A	0.9	0.5
Reactor Coolant System Leakage	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09	4/09	5/09	6/09
Maximum leakage	0.160	0.220	0.140	0.140	0.120	0.050	0.030	0.040	0.060	0.020	0.040	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	1.6	2.2	1.4	1.4	1.2	0.5	0.3	0.4	0.6	0.2	0.4	0.2

Licensee Comments: none

Drill/Exercise Performance



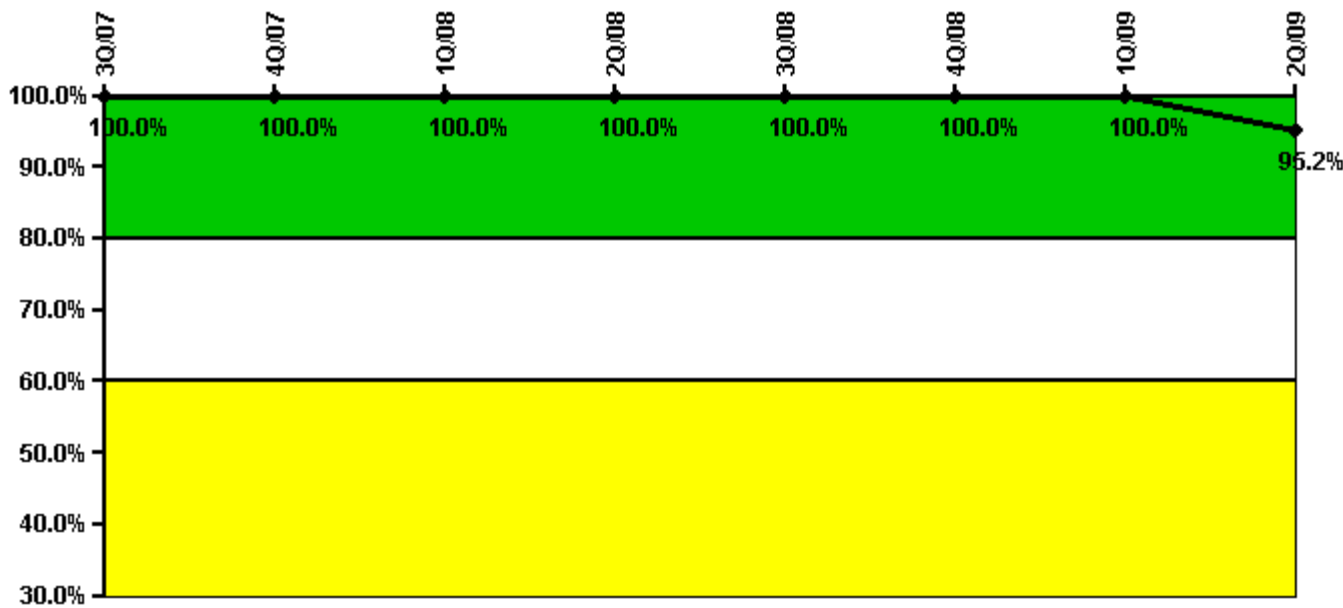
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Successful opportunities	30.0	36.0	37.0	40.0	20.0	38.0	68.0	44.0
Total opportunities	30.0	38.0	45.0	42.0	20.0	41.0	72.0	44.0
Indicator value	96.3%	96.2%	93.5%	93.9%	93.6%	93.0%	93.8%	94.3%

Licensee Comments: none

ERO Drill Participation



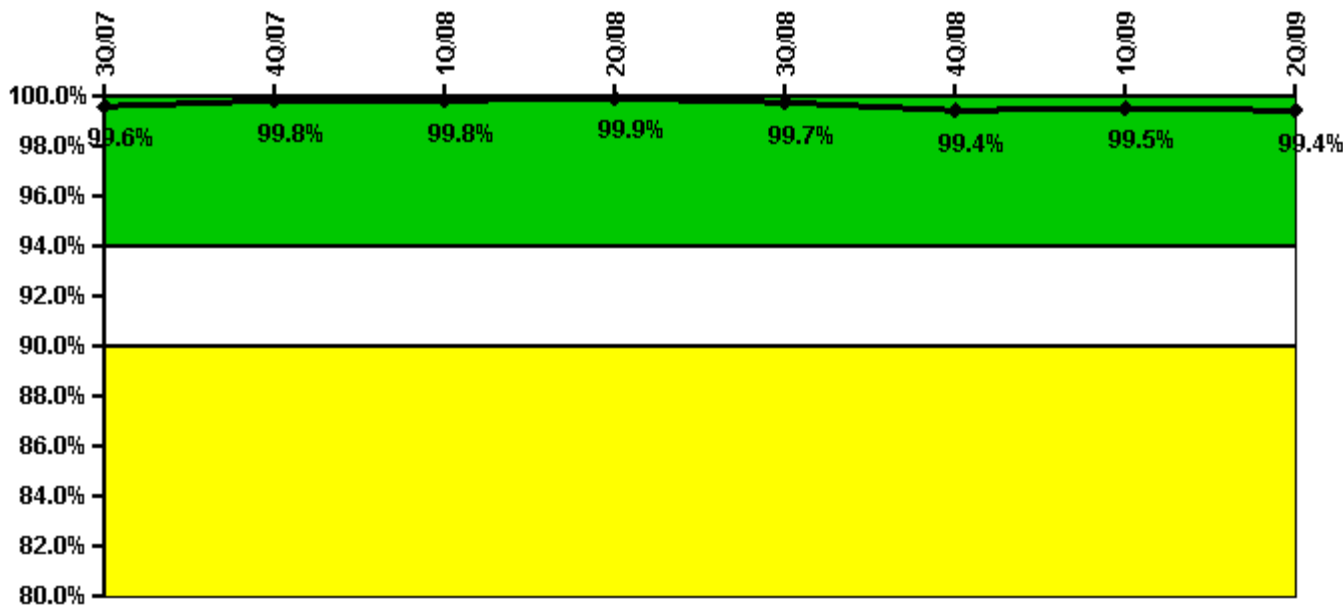
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Participating Key personnel	83.0	82.0	80.0	85.0	92.0	85.0	81.0	80.0
Total Key personnel	83.0	82.0	80.0	85.0	92.0	85.0	81.0	84.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	95.2%

Licensee Comments: none

Alert & Notification System



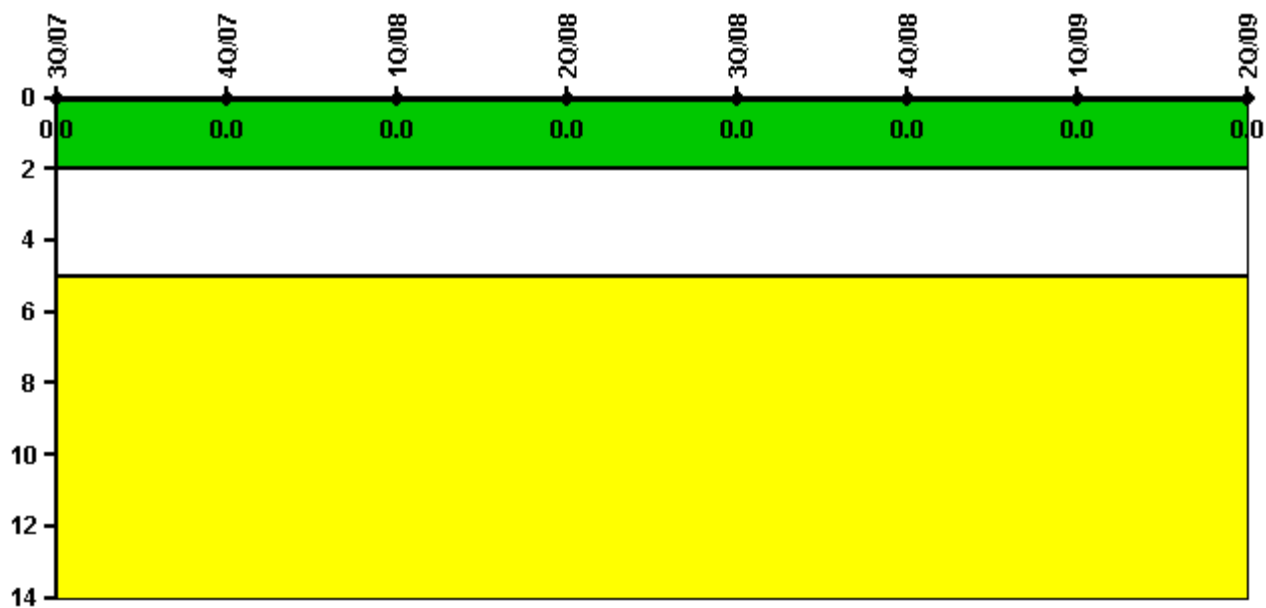
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Successful siren-tests	328	376	375	329	372	326	376	328
Total sirens-tests	329	376	376	329	376	329	376	329
Indicator value	99.6%	99.8%	99.8%	99.9%	99.7%	99.4%	99.5%	99.4%

Licensee Comments: none

Occupational Exposure Control Effectiveness



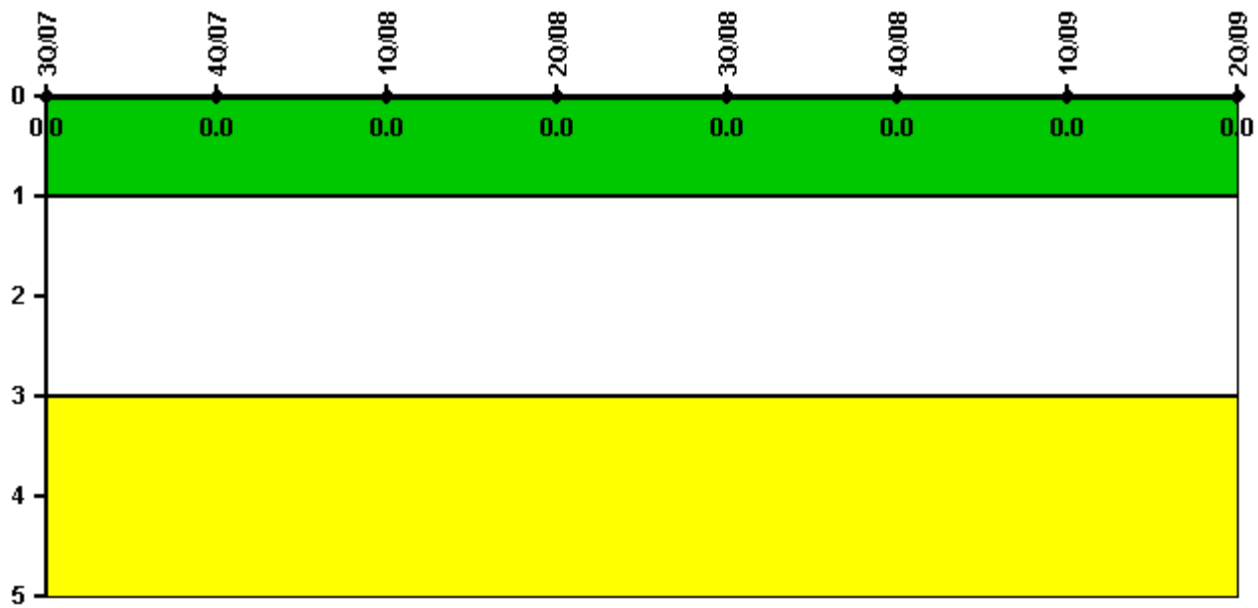
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

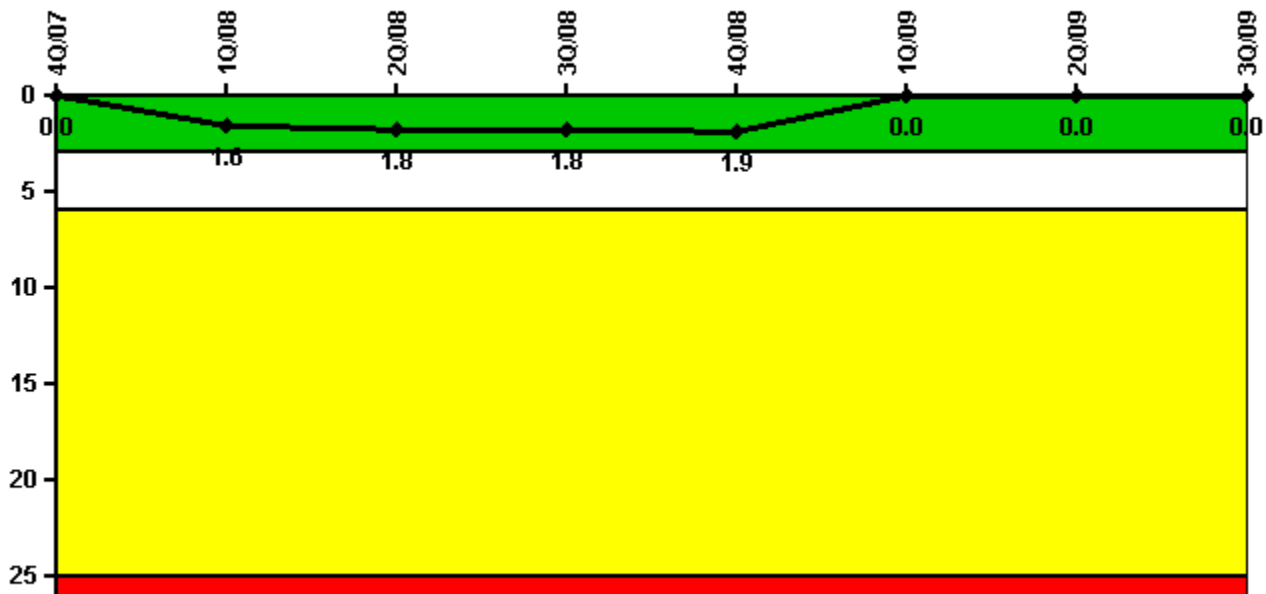
[Security](#) information not publicly available.

Turkey Point 4

3Q/2009 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



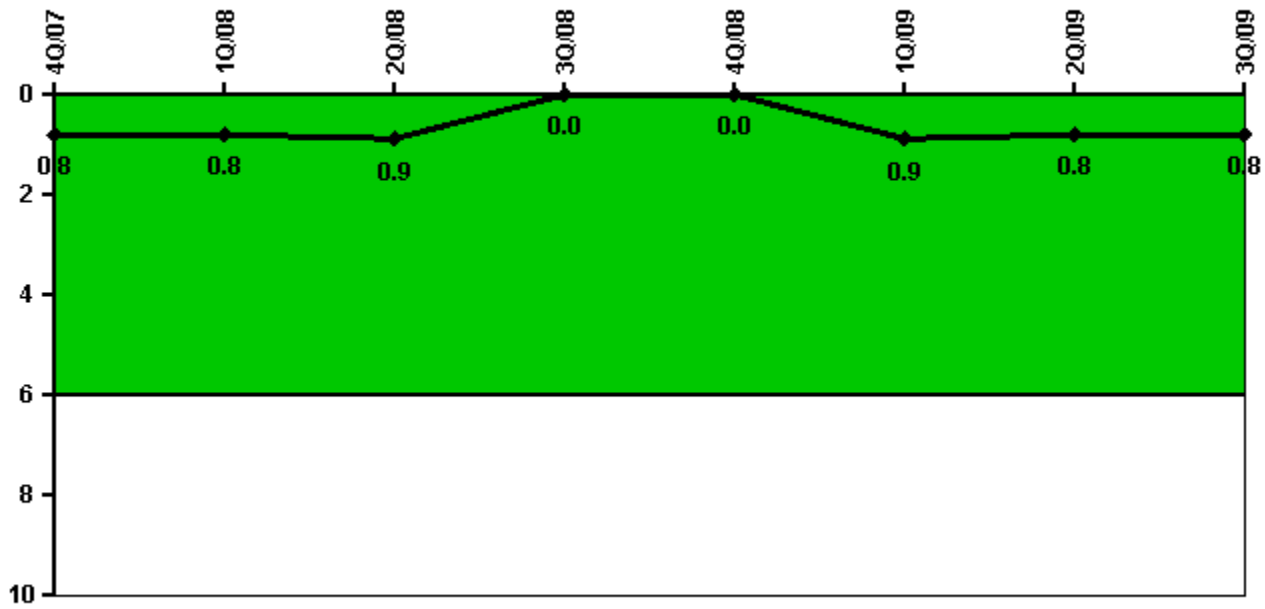
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	2.0	0	0	0	0	0	0
Critical hours	2209.0	2098.6	1255.6	2019.8	2144.4	2159.0	2184.0	2208.0
Indicator value	0	1.6	1.8	1.8	1.9	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



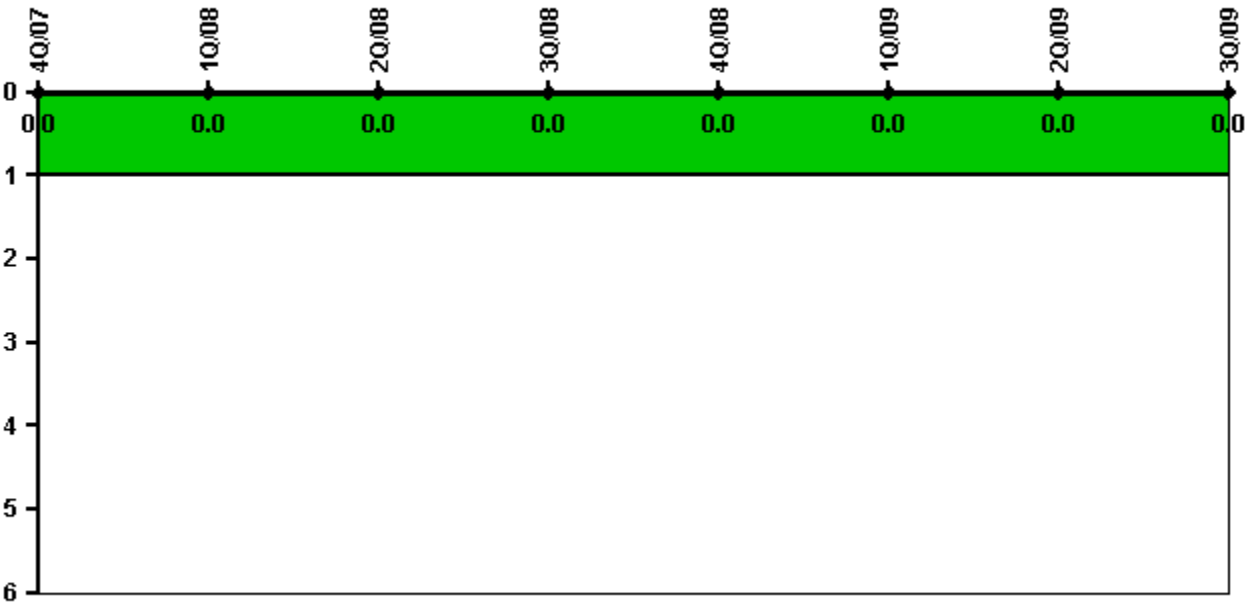
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Unplanned power changes	0	0	0	0	0	1.0	0	0
Critical hours	2209.0	2098.6	1255.6	2019.8	2144.4	2159.0	2184.0	2208.0
Indicator value	0.8	0.8	0.9	0	0	0.9	0.8	0.8

Licensee Comments: none

Unplanned Scrams with Complications



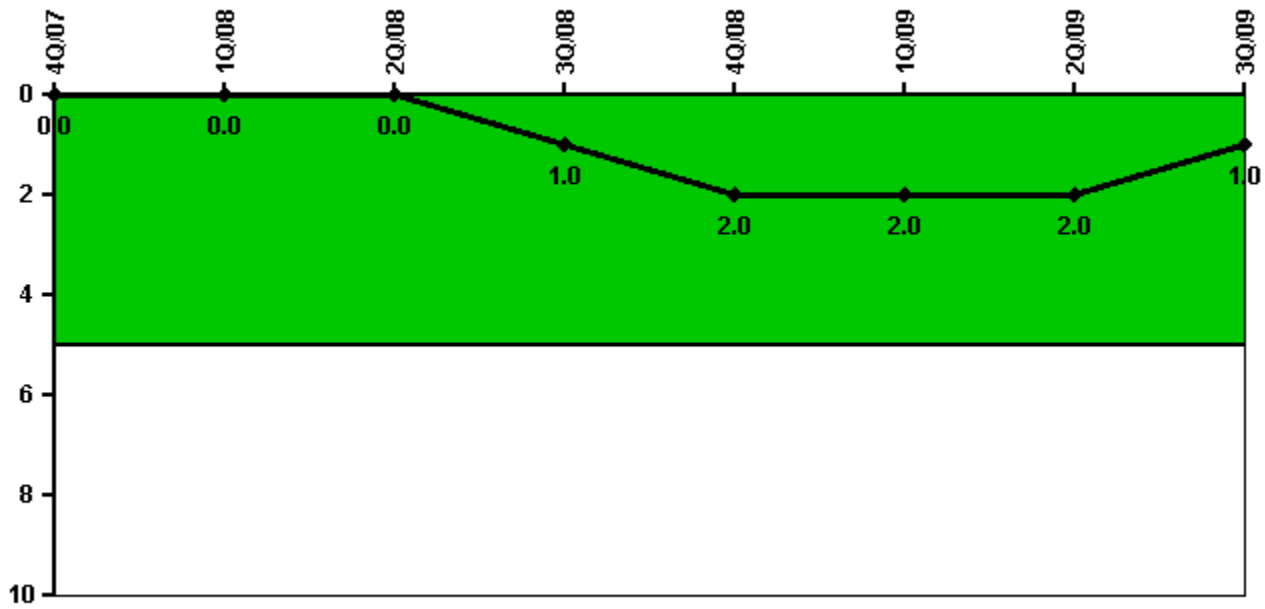
Thresholds: White > 1.0

Notes

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

Licensee Comments: none

Safety System Functional Failures (PWR)



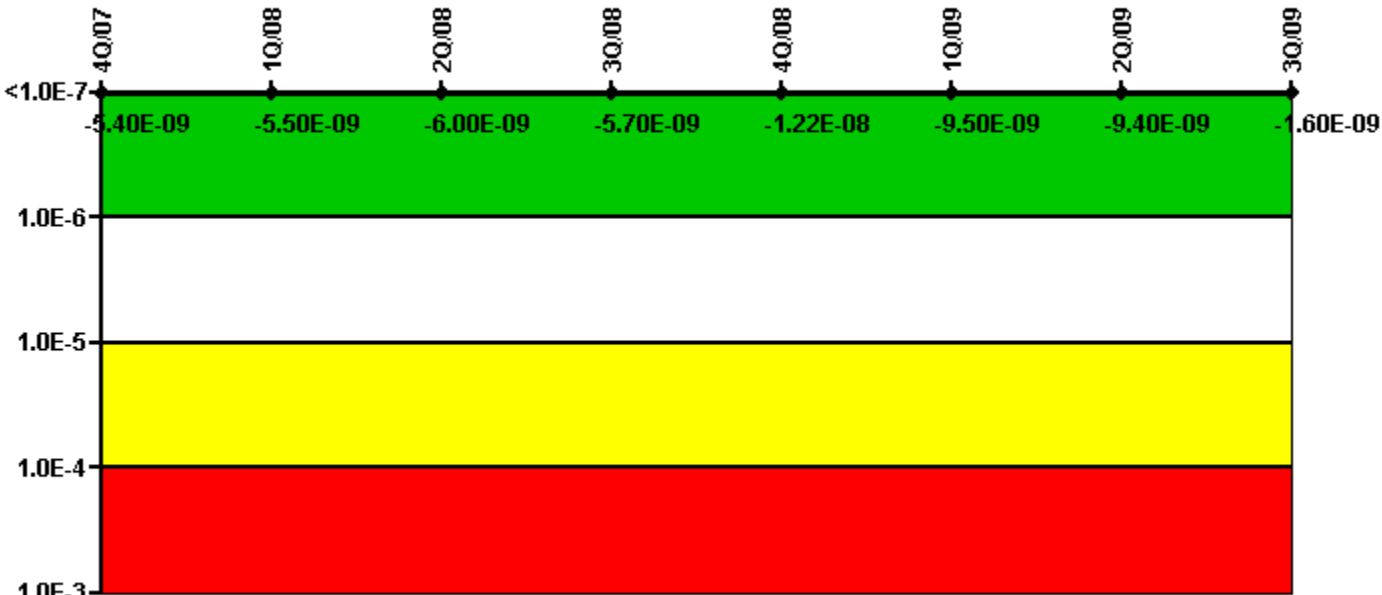
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



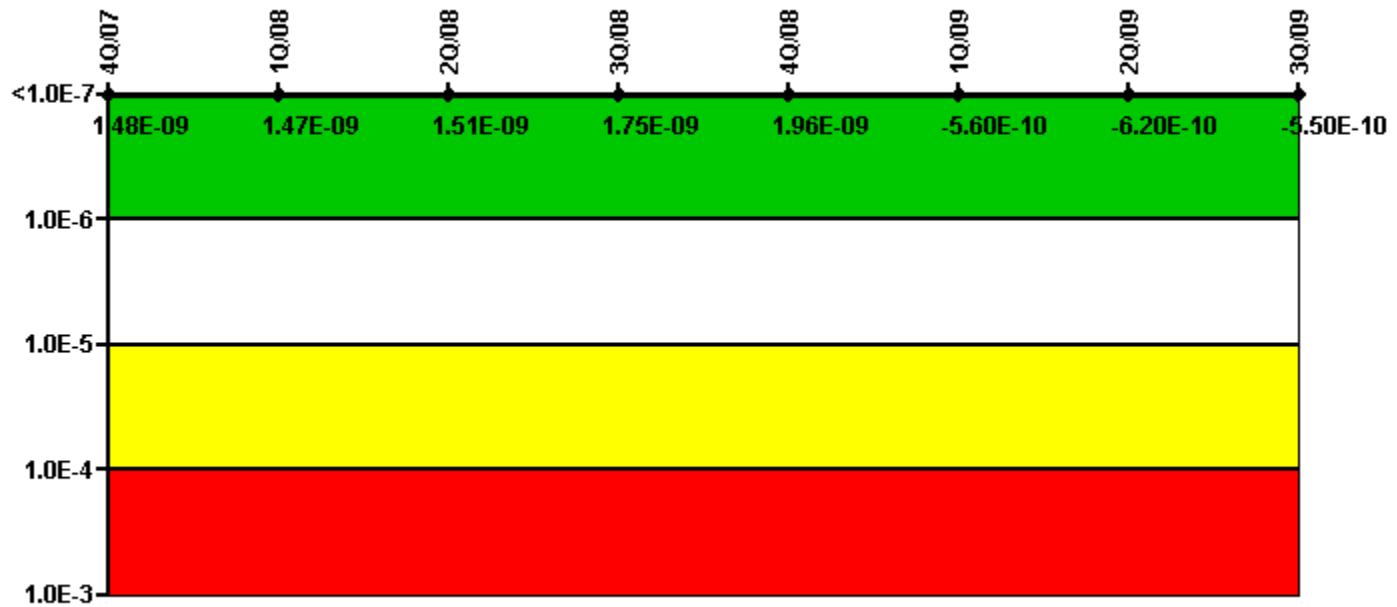
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
UAI (ΔCDF)	1.70E-09	1.70E-09	1.60E-09	2.00E-09	1.80E-09	4.50E-09	4.60E-09	4.90E-09
URI (ΔCDF)	-7.10E-09	-7.20E-09	-7.60E-09	-7.70E-09	-1.40E-08	-1.40E-08	-1.40E-08	-6.50E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.40E-09	-5.50E-09	-6.00E-09	-5.70E-09	-1.22E-08	-9.50E-09	-9.40E-09	-1.60E-09

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



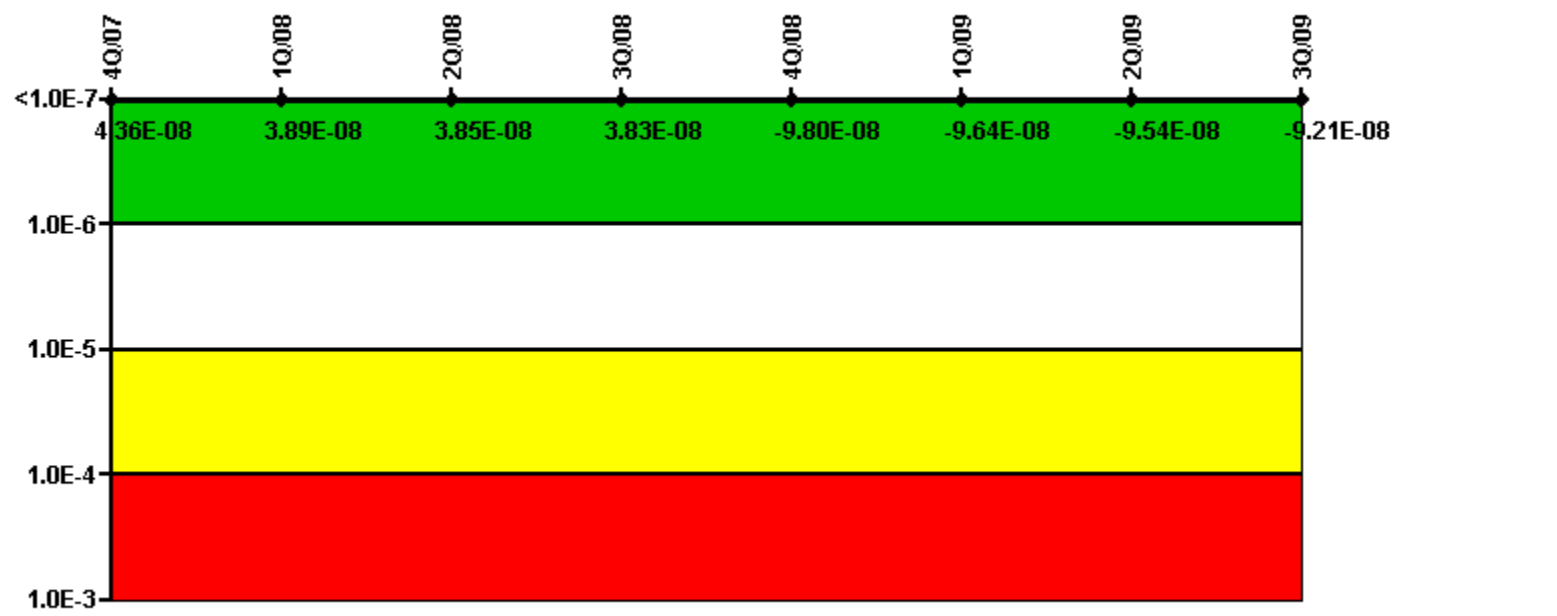
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
UAI (ΔCDF)	7.60E-11	6.90E-11	1.10E-10	3.50E-10	5.60E-10	5.40E-10	4.80E-10	5.50E-10
URI (ΔCDF)	1.40E-09	1.40E-09	1.40E-09	1.40E-09	1.40E-09	-1.10E-09	-1.10E-09	-1.10E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.48E-09	1.47E-09	1.51E-09	1.75E-09	1.96E-09	-5.60E-10	-6.20E-10	-5.50E-10

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



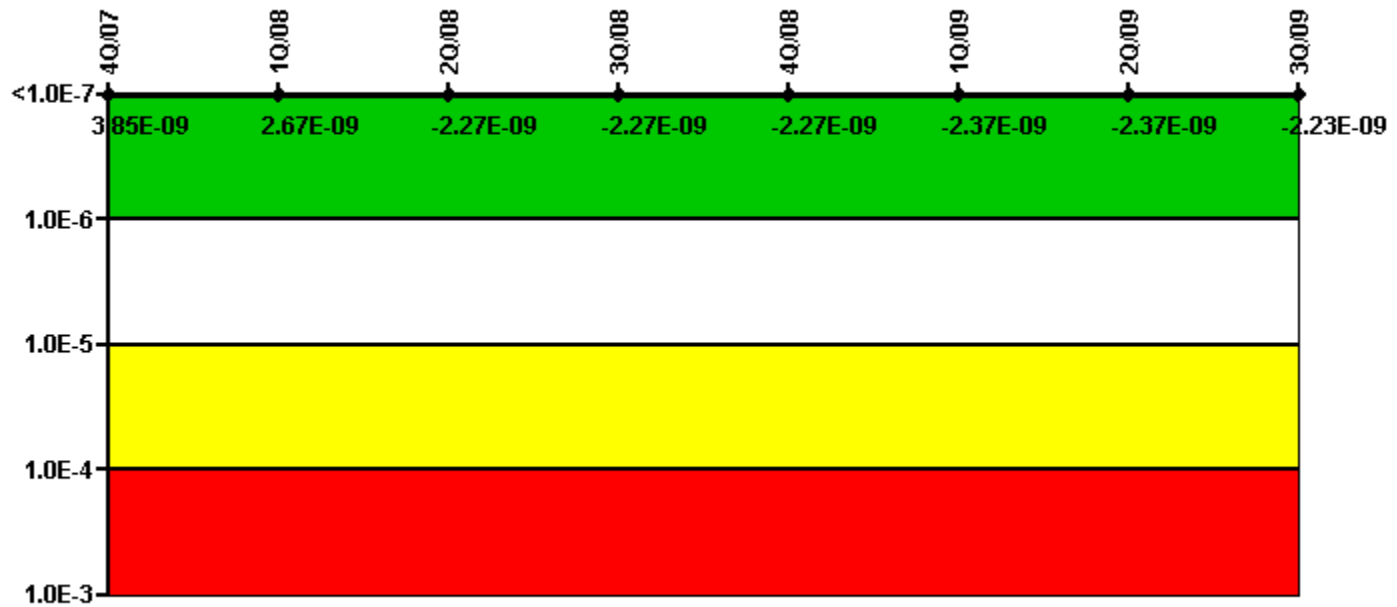
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
UAI (ΔCDF)	5.60E-09	8.60E-10	4.50E-10	3.30E-10	-2.50E-11	3.60E-09	4.60E-09	7.90E-09
URI (ΔCDF)	3.80E-08	3.80E-08	3.80E-08	3.80E-08	-9.80E-08	-1.00E-07	-1.00E-07	-1.00E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.36E-08	3.89E-08	3.85E-08	3.83E-08	-9.80E-08	-9.64E-08	-9.54E-08	-9.21E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



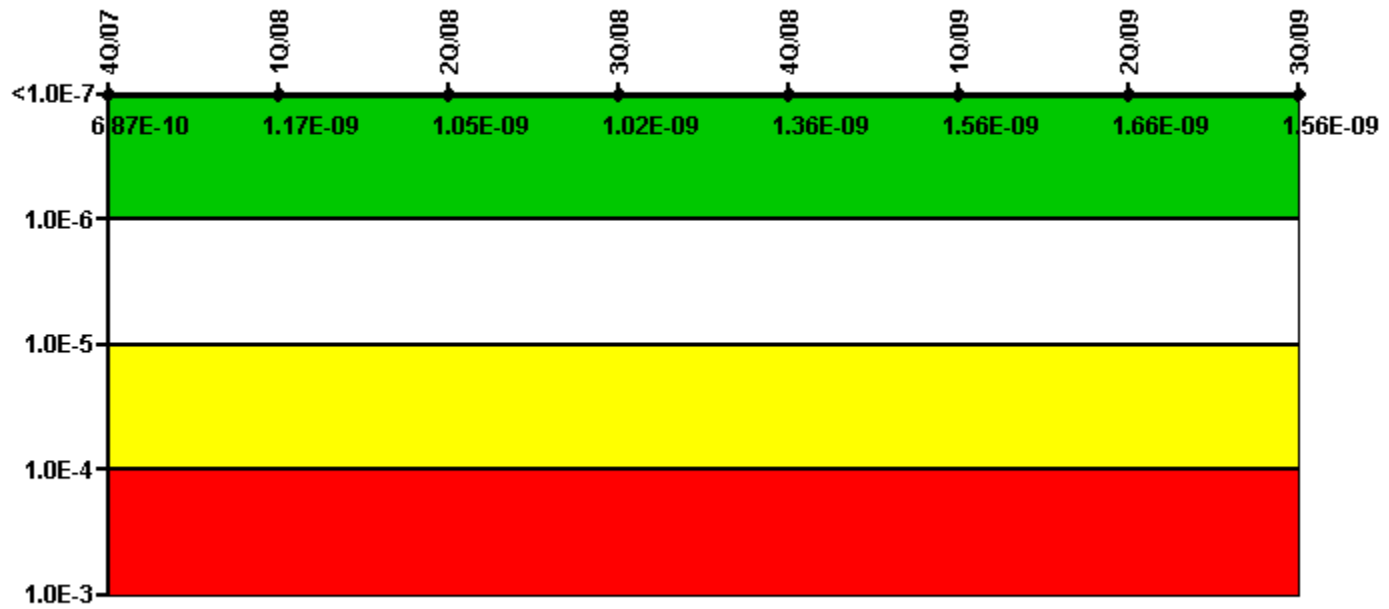
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
UAI (Δ CDF)	9.50E-10	-3.50E-11	-4.70E-10	-4.70E-10	-4.70E-10	-4.70E-10	-4.70E-10	-2.30E-10
URI (Δ CDF)	2.90E-09	2.70E-09	-1.80E-09	-1.80E-09	-1.80E-09	-1.90E-09	-1.90E-09	-2.00E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.85E-09	2.67E-09	-2.27E-09	-2.27E-09	-2.27E-09	-2.37E-09	-2.37E-09	-2.23E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



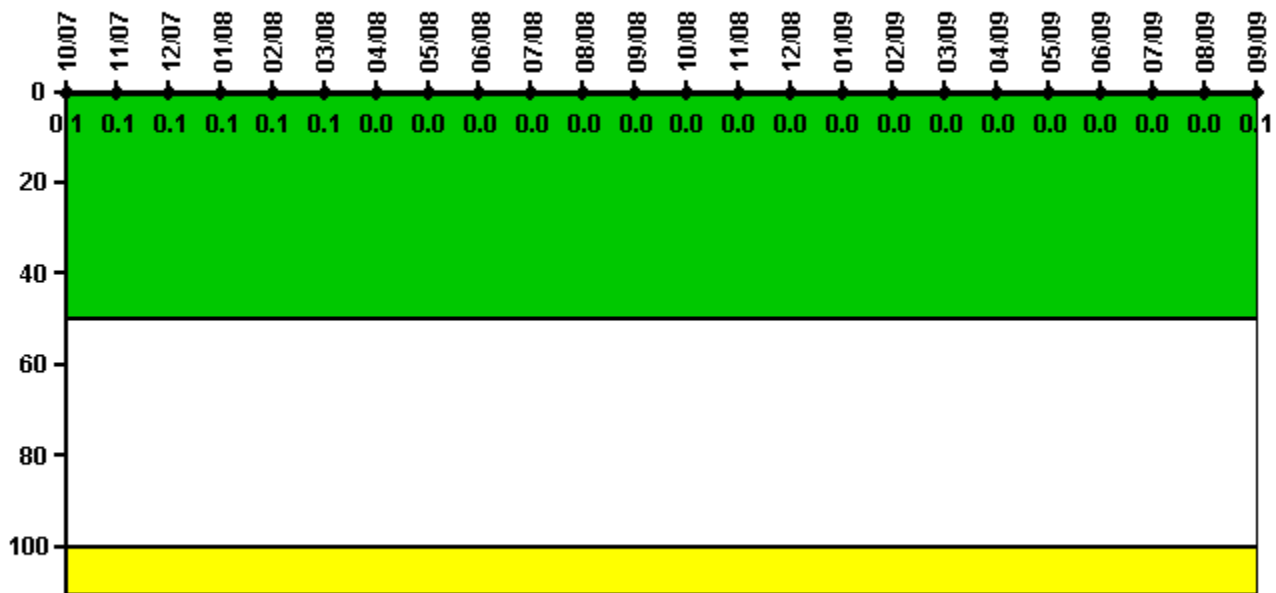
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
UAI (ΔCDF)	6.00E-10	8.00E-10	9.90E-10	9.60E-10	1.30E-09	1.50E-09	1.60E-09	1.50E-09
URI (ΔCDF)	8.70E-11	3.70E-10	6.00E-11	6.10E-11	6.20E-11	6.10E-11	6.00E-11	5.90E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	6.87E-10	1.17E-09	1.05E-09	1.02E-09	1.36E-09	1.56E-09	1.66E-09	1.56E-09

Licensee Comments: none

Reactor Coolant System Activity



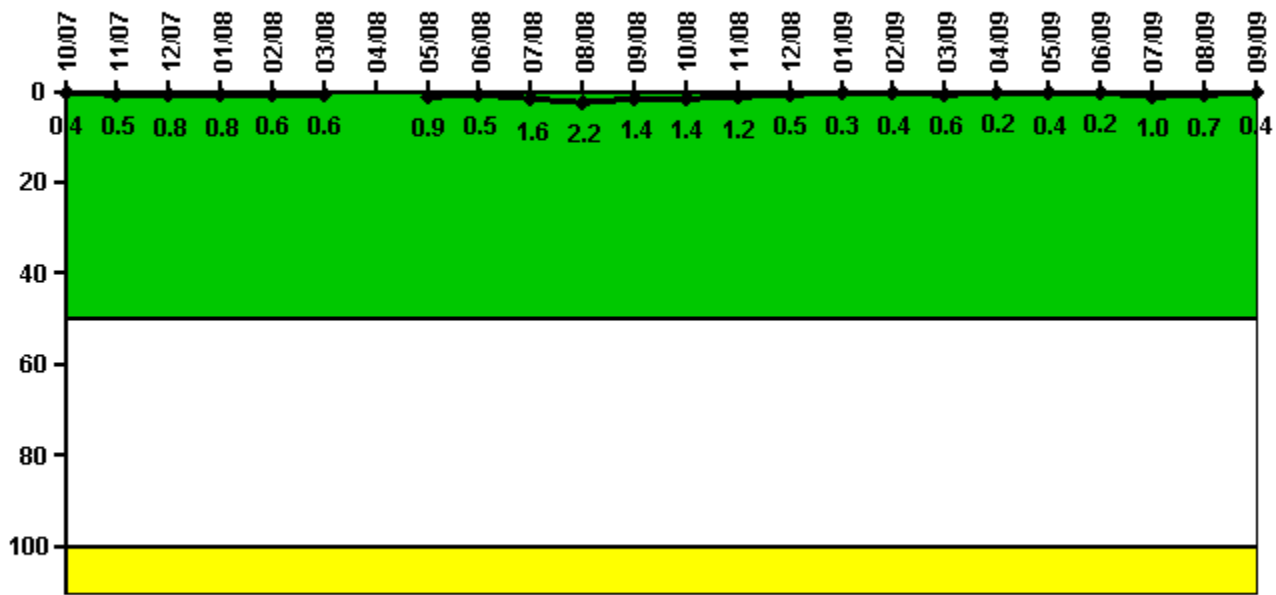
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08
Maximum activity	0.000641	0.000580	0.000549	0.000710	0.000605	0.000657	0.000005	0.000286	0.000280	0.000308	0.000308	0.000319
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0	0	0	0	0	0
Reactor Coolant System Activity	10/08	11/08	12/08	1/09	2/09	3/09	4/09	5/09	6/09	7/09	8/09	9/09
Maximum activity	0.000320	0.000369	0.000377	0.000402	0.000391	0.000489	0.000424	0.000459	0.000461	0.000457	0.000469	0.000505
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0.1

Licensee Comments: none

Reactor Coolant System Leakage



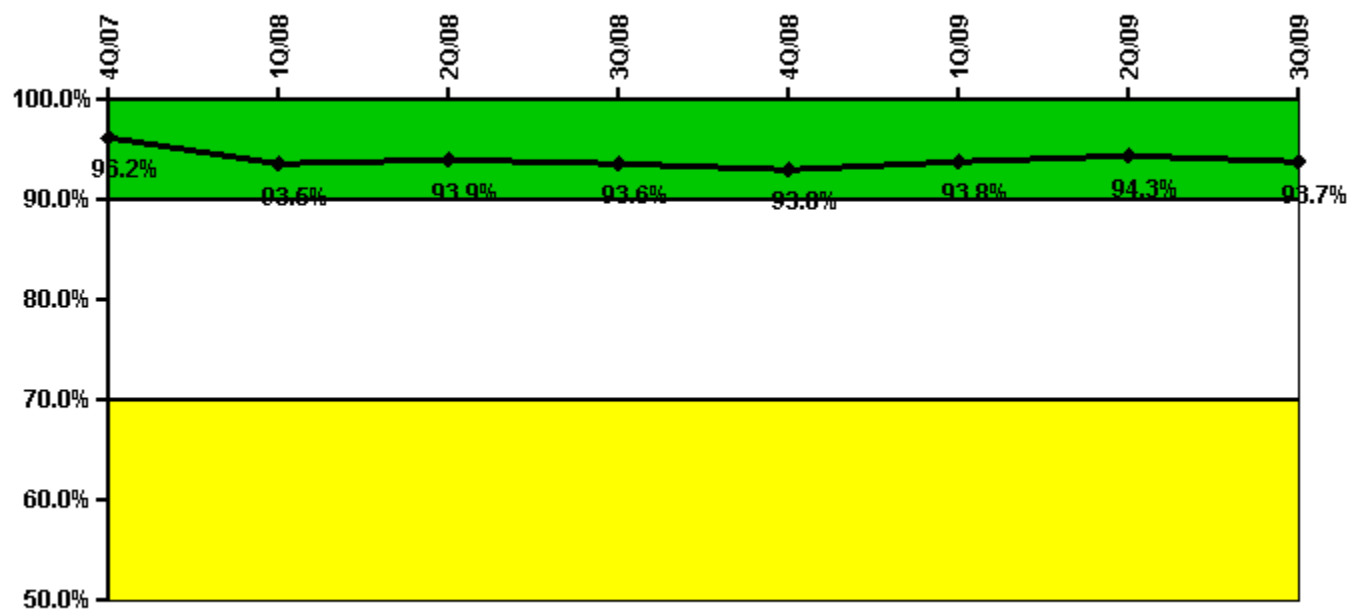
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08
Maximum leakage	0.040	0.050	0.080	0.080	0.060	0.060	N/A	0.090	0.050	0.160	0.220	0.140
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.5	0.8	0.8	0.6	0.6	N/A	0.9	0.5	1.6	2.2	1.4
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	0.140	0.120	0.050	0.030	0.040	0.060	0.020	0.040	0.020	0.100	0.070	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.4	1.2	0.5	0.3	0.4	0.6	0.2	0.4	0.2	1.0	0.7	0.4

Licensee Comments: none

Drill/Exercise Performance



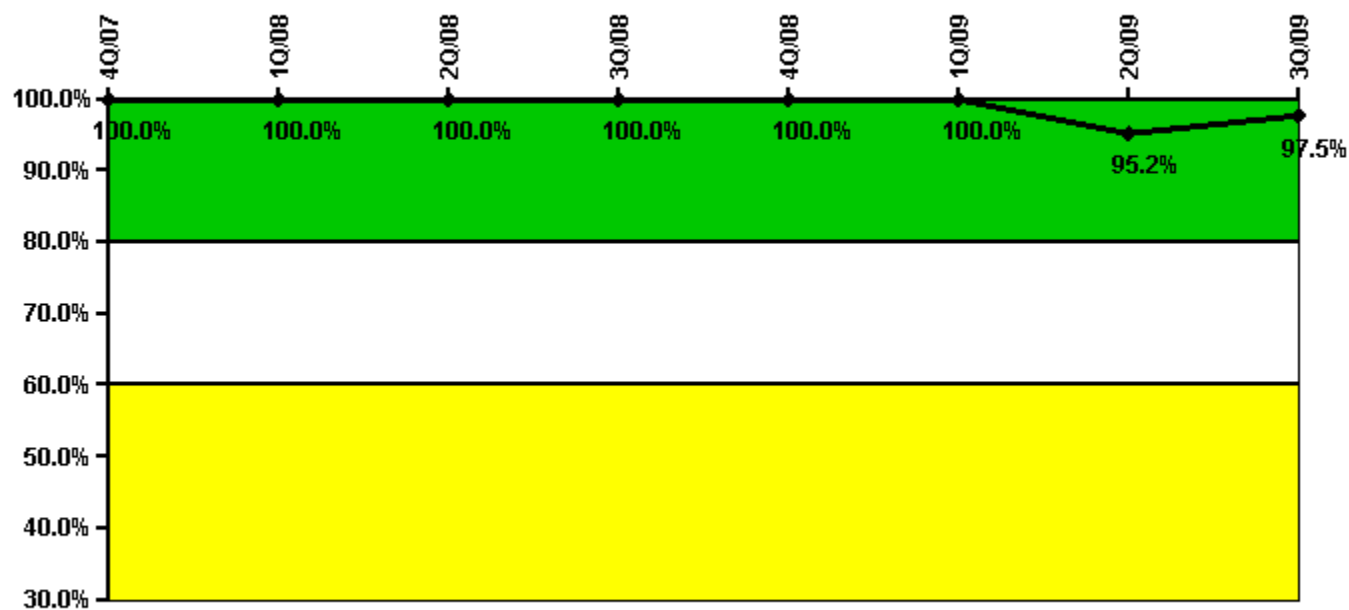
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Successful opportunities	36.0	37.0	40.0	20.0	38.0	68.0	44.0	29.0
Total opportunities	38.0	45.0	42.0	20.0	41.0	72.0	44.0	31.0
Indicator value	96.2%	93.5%	93.9%	93.6%	93.0%	93.8%	94.3%	93.7%

Licensee Comments: none

ERO Drill Participation



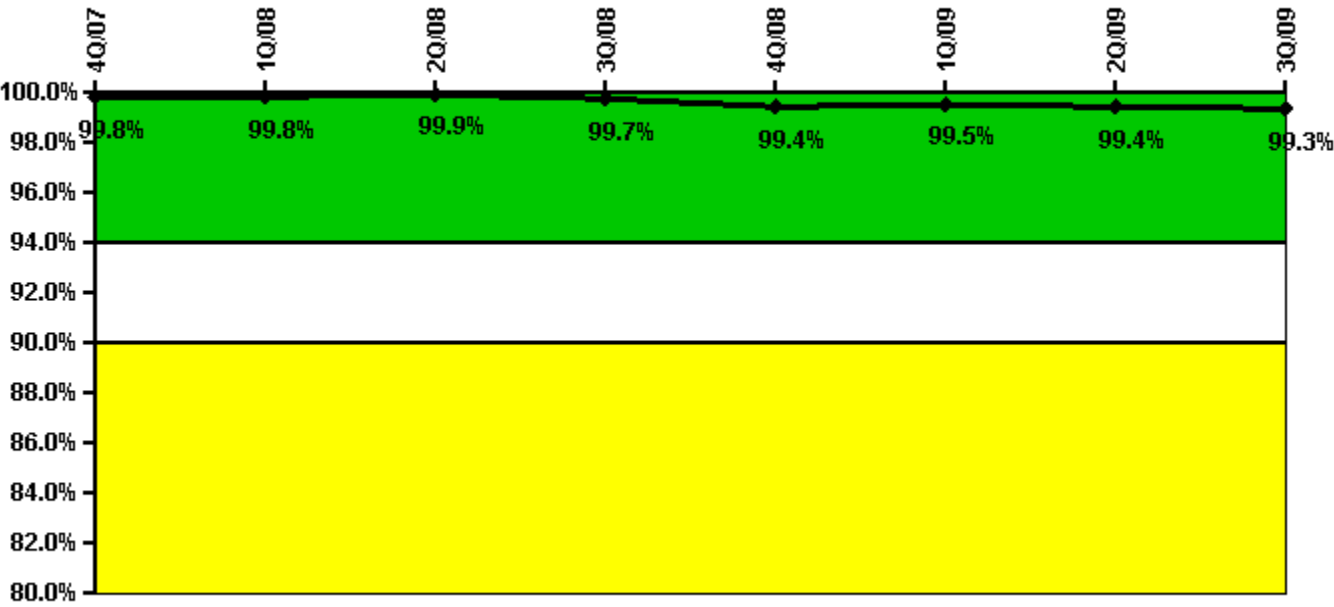
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Participating Key personnel	82.0	80.0	85.0	92.0	85.0	81.0	80.0	116.0
Total Key personnel	82.0	80.0	85.0	92.0	85.0	81.0	84.0	119.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	95.2%	97.5%

Licensee Comments: none

Alert & Notification System



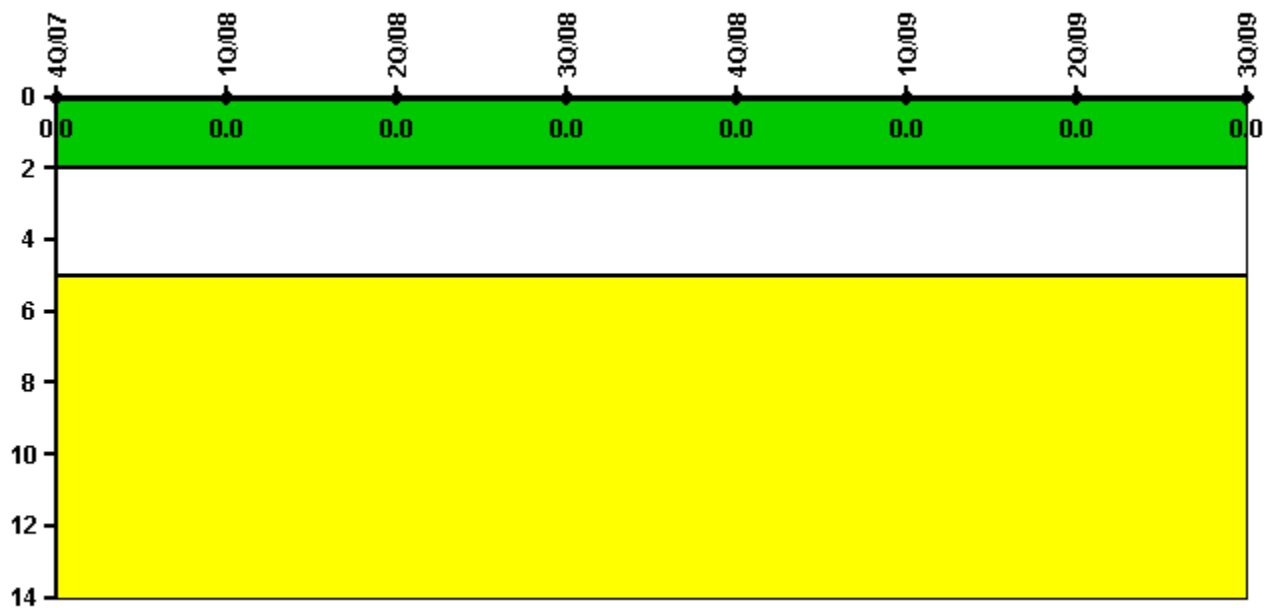
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Successful siren-tests	376	375	329	372	326	376	328	370
Total sirens-tests	376	376	329	376	329	376	329	376
Indicator value	99.8%	99.8%	99.9%	99.7%	99.4%	99.5%	99.4%	99.3%

Licensee Comments: none

Occupational Exposure Control Effectiveness



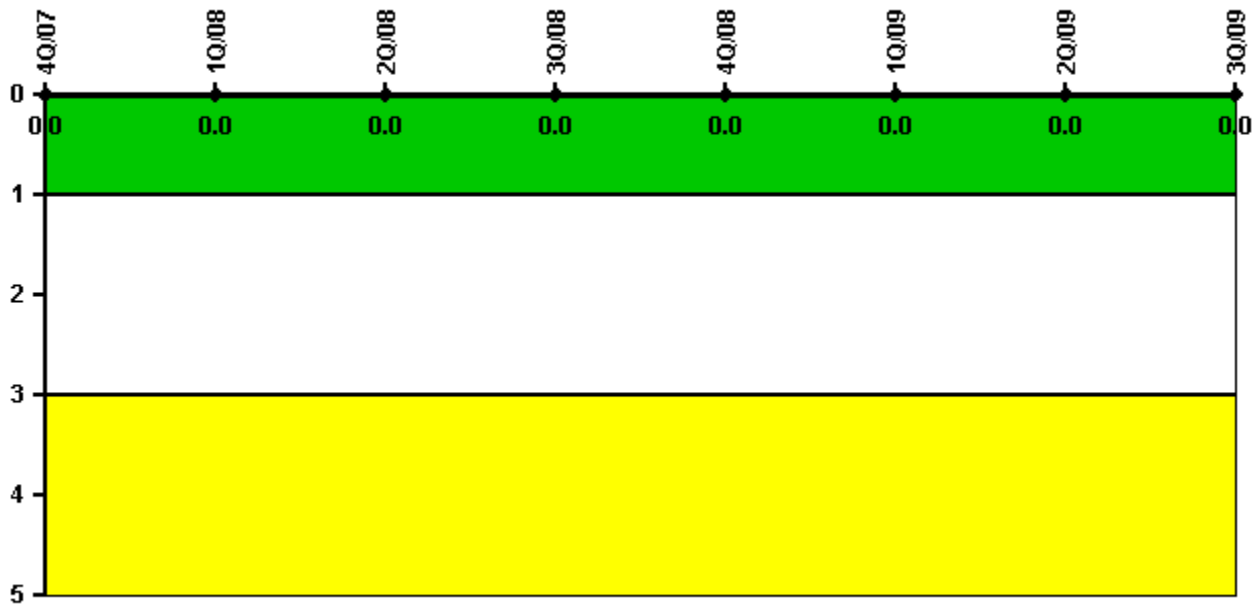
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	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/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

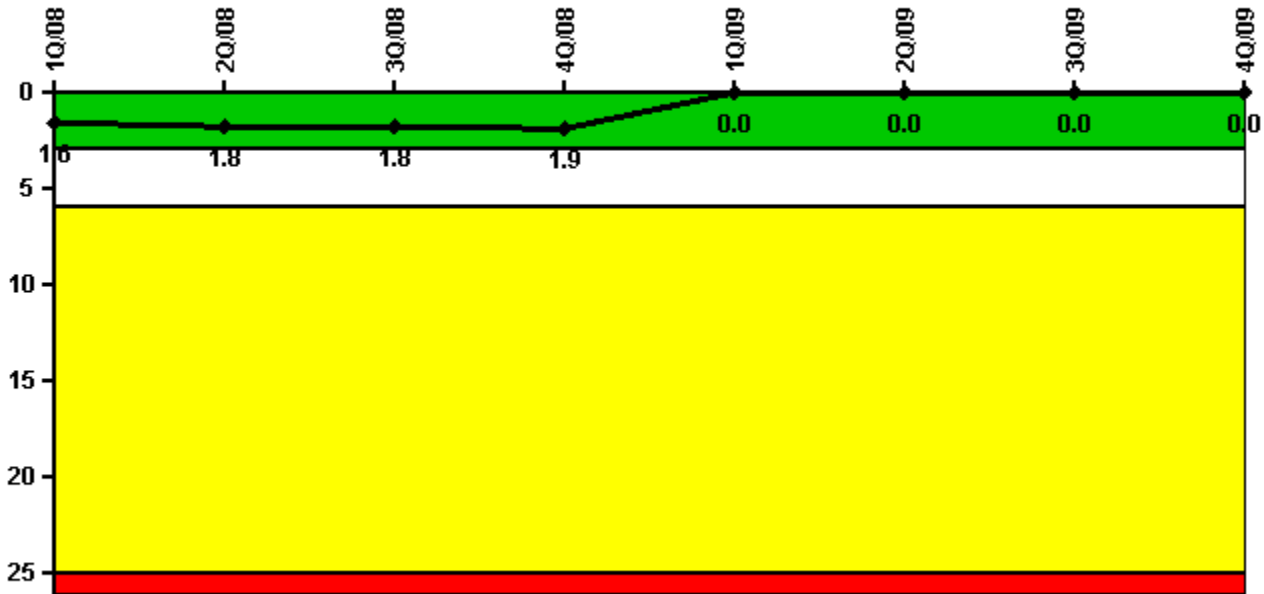
[Security](#) information not publicly available.

Turkey Point 4

4Q/2009 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



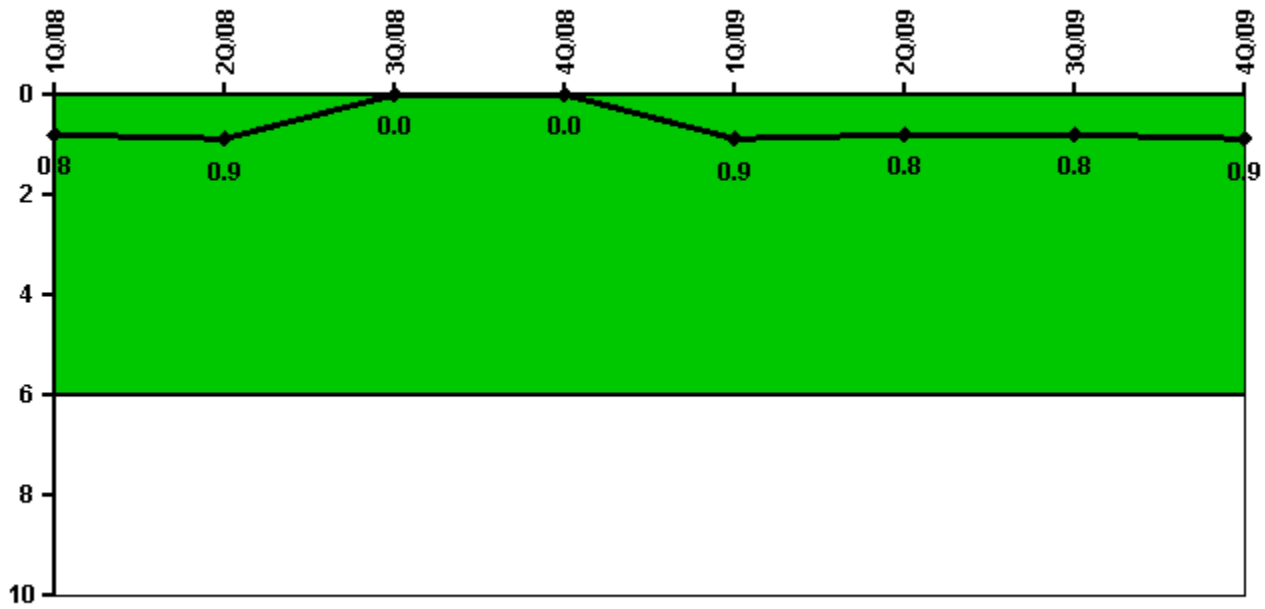
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	2.0	0	0	0	0	0	0	0
Critical hours	2098.6	1255.6	2019.8	2144.4	2159.0	2184.0	2208.0	1305.6
Indicator value	1.6	1.8	1.8	1.9	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



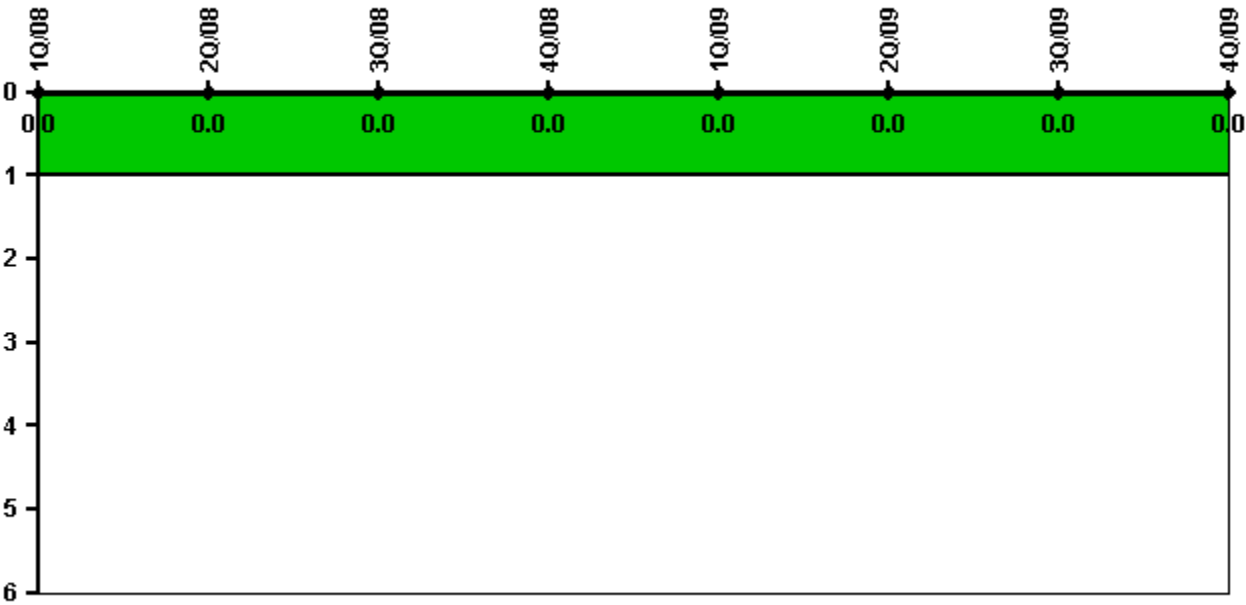
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Unplanned power changes	0	0	0	0	1.0	0	0	0
Critical hours	2098.6	1255.6	2019.8	2144.4	2159.0	2184.0	2208.0	1305.6
Indicator value	0.8	0.9	0	0	0.9	0.8	0.8	0.9

Licensee Comments: none

Unplanned Scrams with Complications



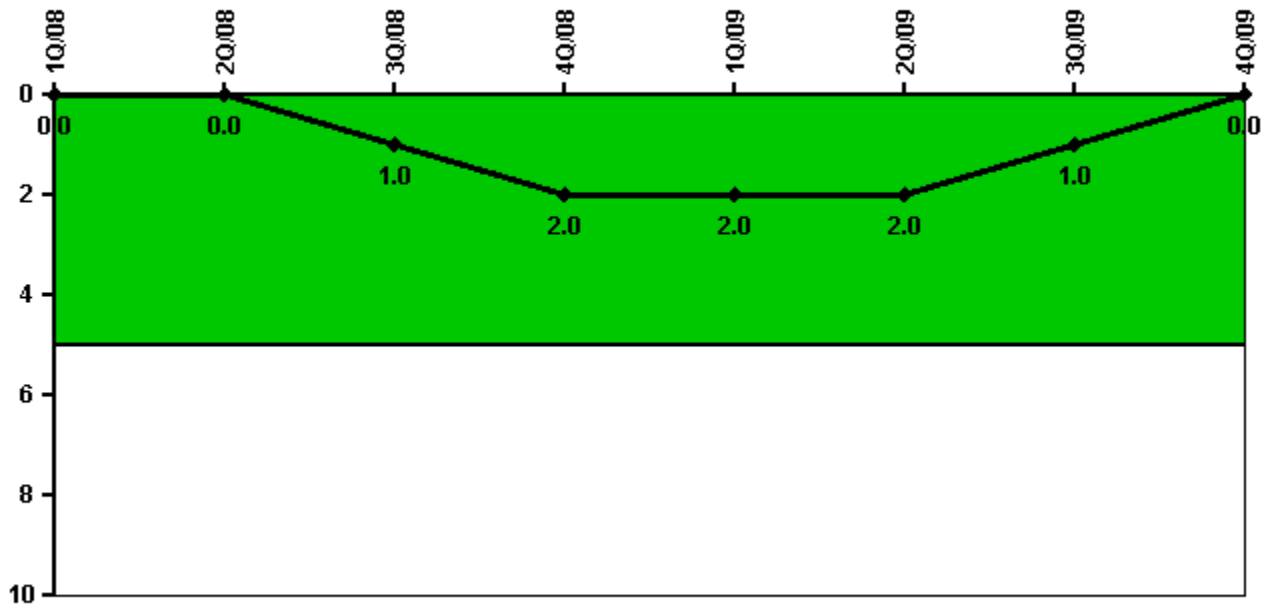
Thresholds: White > 1.0

Notes

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

Licensee Comments: none

Safety System Functional Failures (PWR)



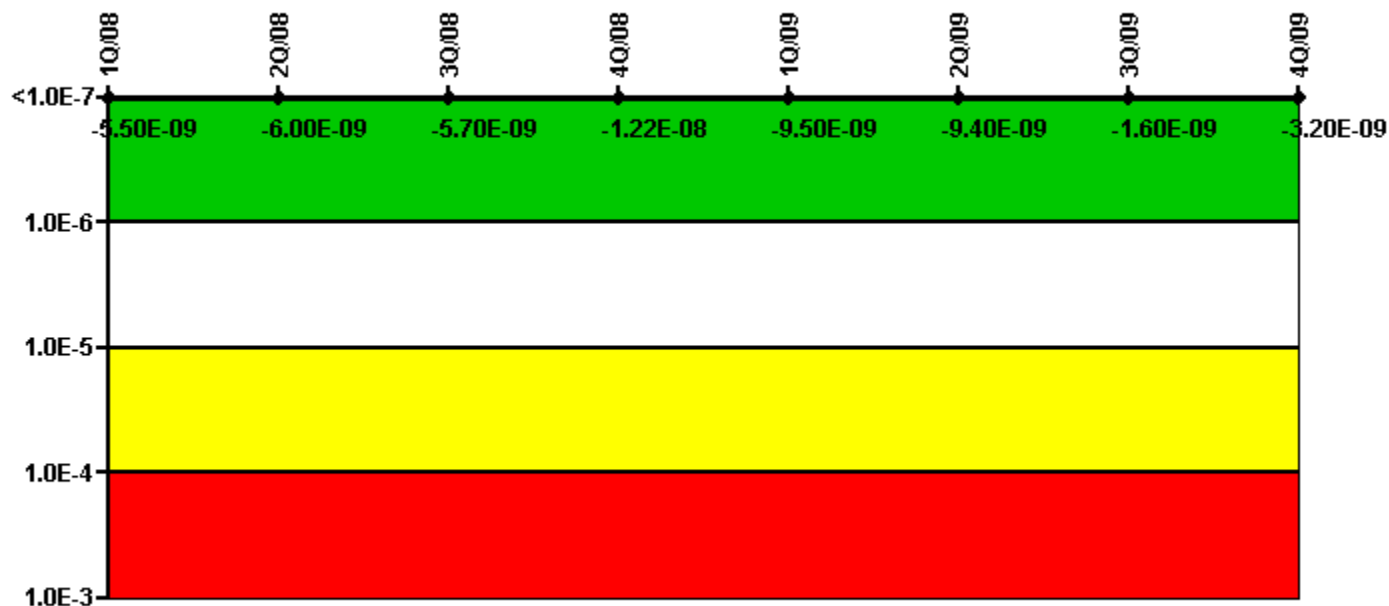
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



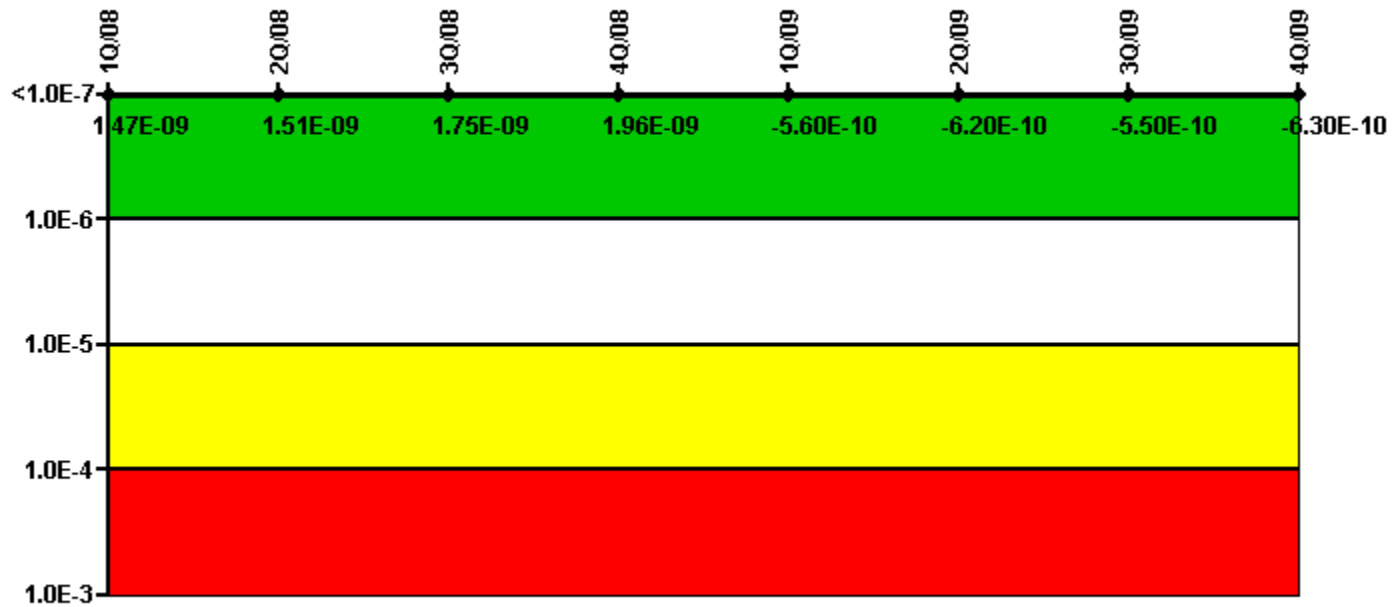
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
UAI (ΔCDF)	1.70E-09	1.60E-09	2.00E-09	1.80E-09	4.50E-09	4.60E-09	4.90E-09	3.40E-09
URI (ΔCDF)	-7.20E-09	-7.60E-09	-7.70E-09	-1.40E-08	-1.40E-08	-1.40E-08	-6.50E-09	-6.60E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.50E-09	-6.00E-09	-5.70E-09	-1.22E-08	-9.50E-09	-9.40E-09	-1.60E-09	-3.20E-09

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



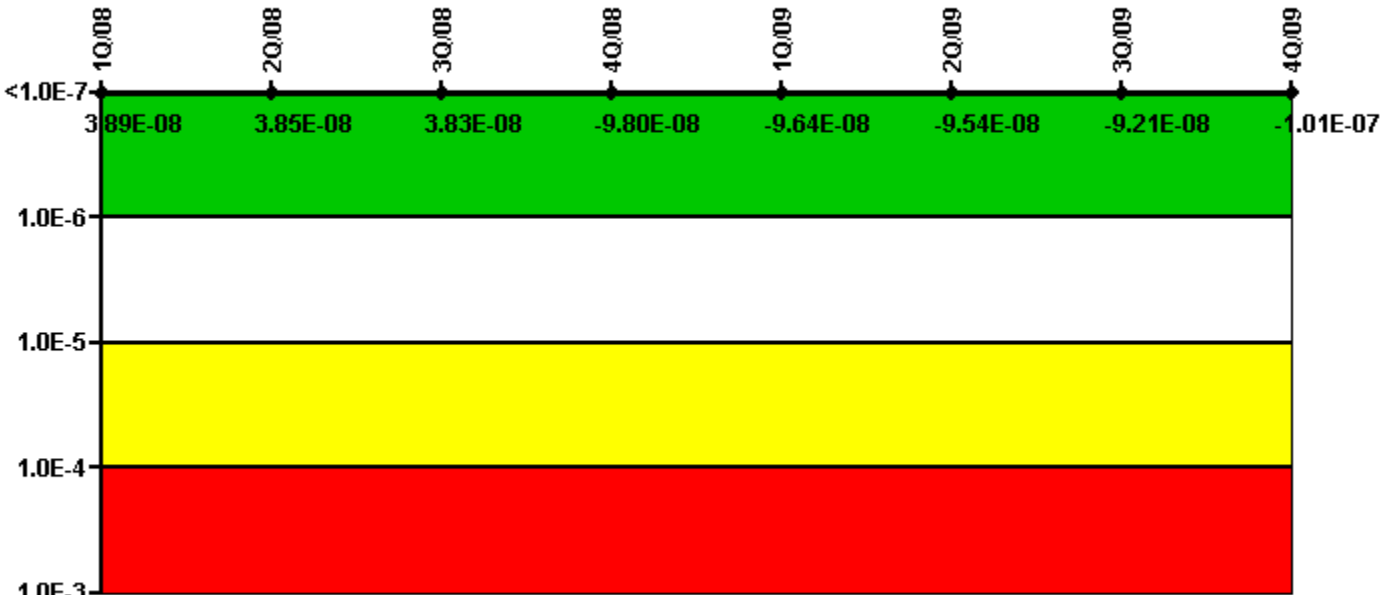
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
UAI (ΔCDF)	6.90E-11	1.10E-10	3.50E-10	5.60E-10	5.40E-10	4.80E-10	5.50E-10	4.70E-10
URI (ΔCDF)	1.40E-09	1.40E-09	1.40E-09	1.40E-09	-1.10E-09	-1.10E-09	-1.10E-09	-1.10E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.47E-09	1.51E-09	1.75E-09	1.96E-09	-5.60E-10	-6.20E-10	-5.50E-10	-6.30E-10

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



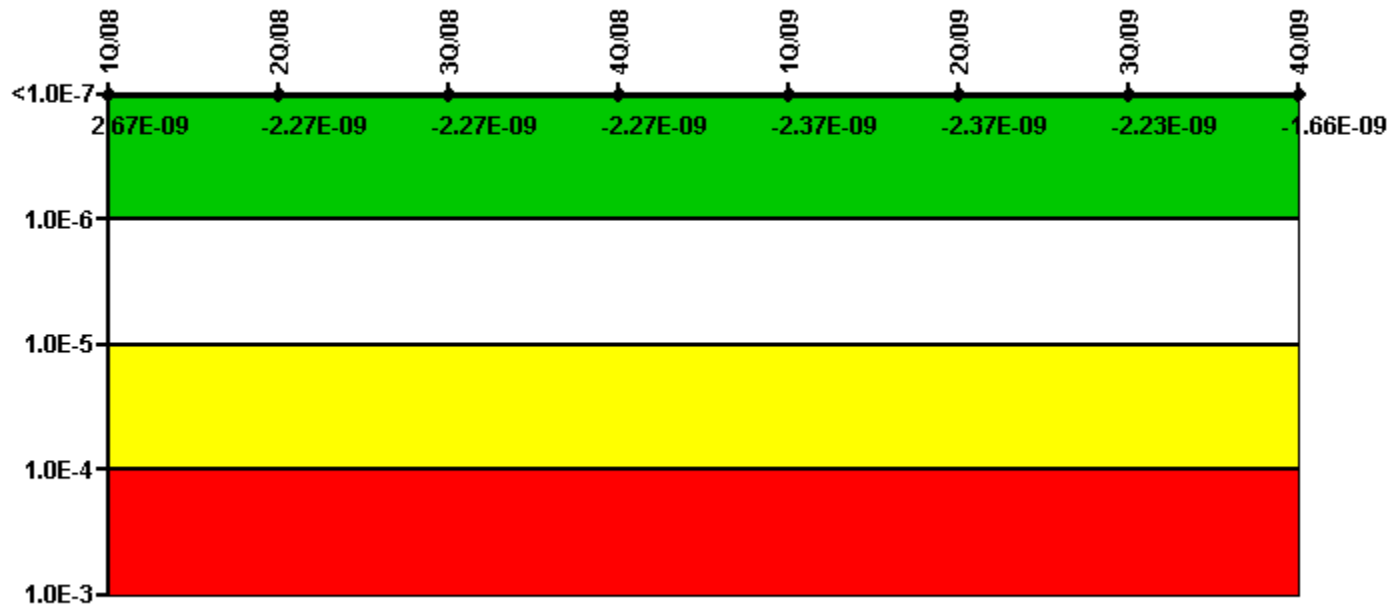
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
UAI (ΔCDF)	8.60E-10	4.50E-10	3.30E-10	-2.50E-11	3.60E-09	4.60E-09	7.90E-09	9.00E-09
URI (ΔCDF)	3.80E-08	3.80E-08	3.80E-08	-9.80E-08	-1.00E-07	-1.00E-07	-1.00E-07	-1.10E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.89E-08	3.85E-08	3.83E-08	-9.80E-08	-9.64E-08	-9.54E-08	-9.21E-08	-1.01E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



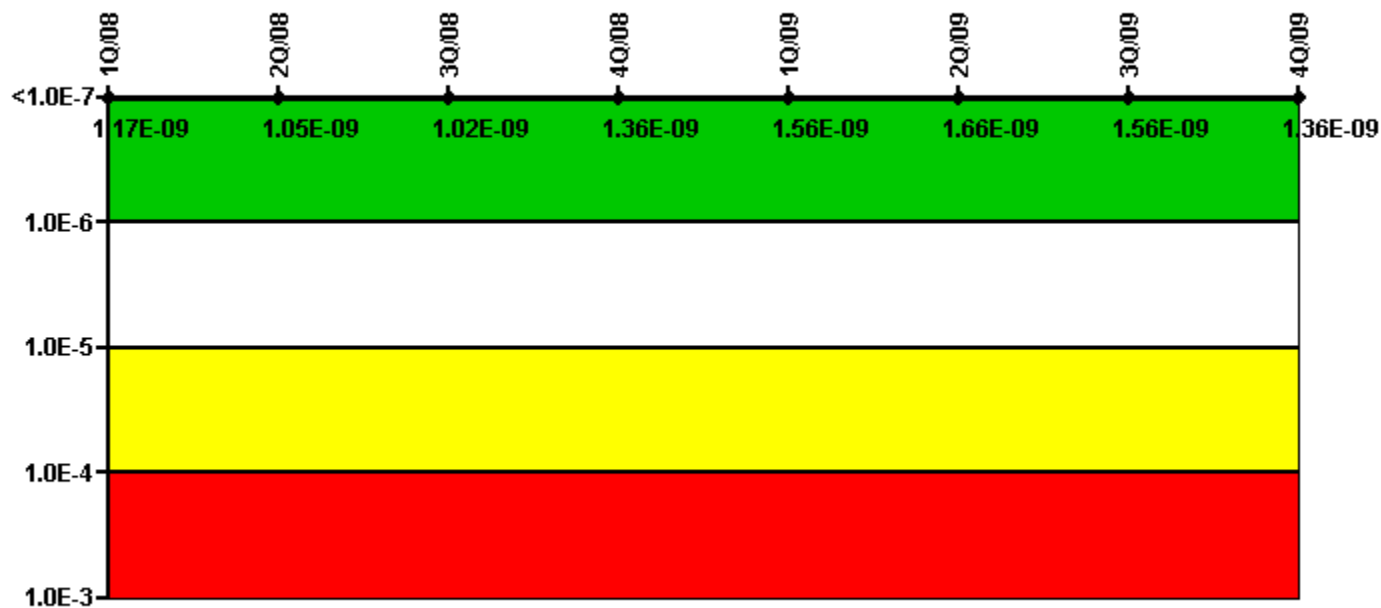
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	-3.50E-11	-4.70E-10	-4.70E-10	-4.70E-10	-4.70E-10	-4.70E-10	-2.30E-10	1.40E-10
URI (ΔCDF)	2.70E-09	-1.80E-09	-1.80E-09	-1.80E-09	-1.90E-09	-1.90E-09	-2.00E-09	-1.80E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.67E-09	-2.27E-09	-2.27E-09	-2.27E-09	-2.37E-09	-2.37E-09	-2.23E-09	-1.66E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



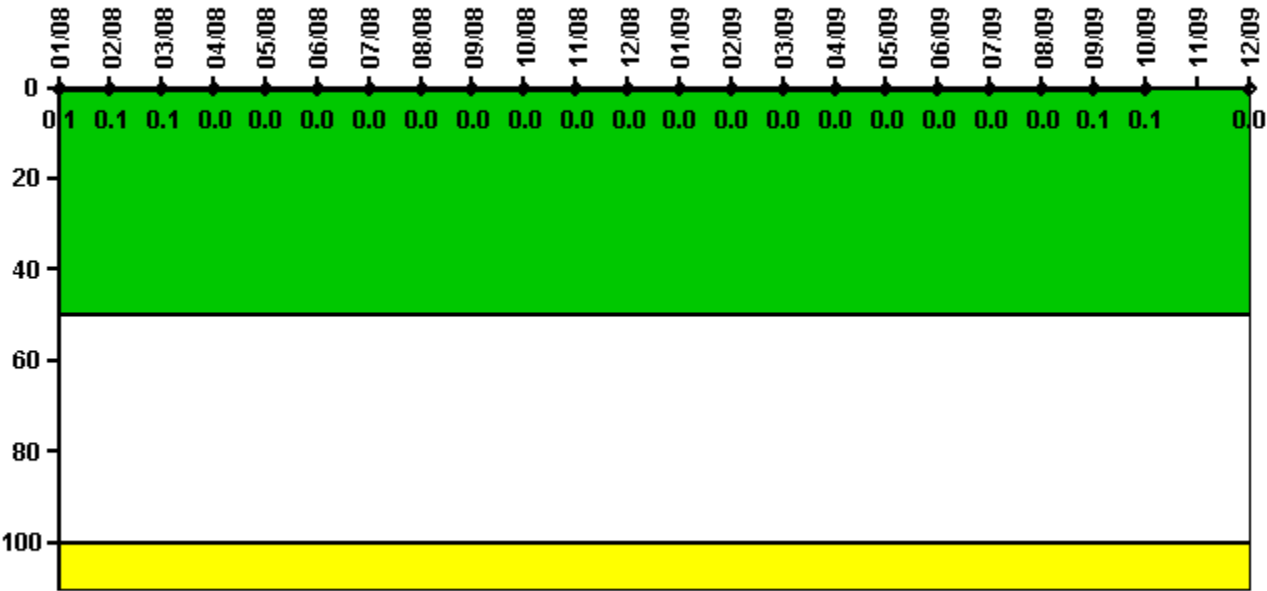
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
UAI (ΔCDF)	8.00E-10	9.90E-10	9.60E-10	1.30E-09	1.50E-09	1.60E-09	1.50E-09	1.30E-09
URI (ΔCDF)	3.70E-10	6.00E-11	6.10E-11	6.20E-11	6.10E-11	6.00E-11	5.90E-11	6.10E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.17E-09	1.05E-09	1.02E-09	1.36E-09	1.56E-09	1.66E-09	1.56E-09	1.36E-09

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

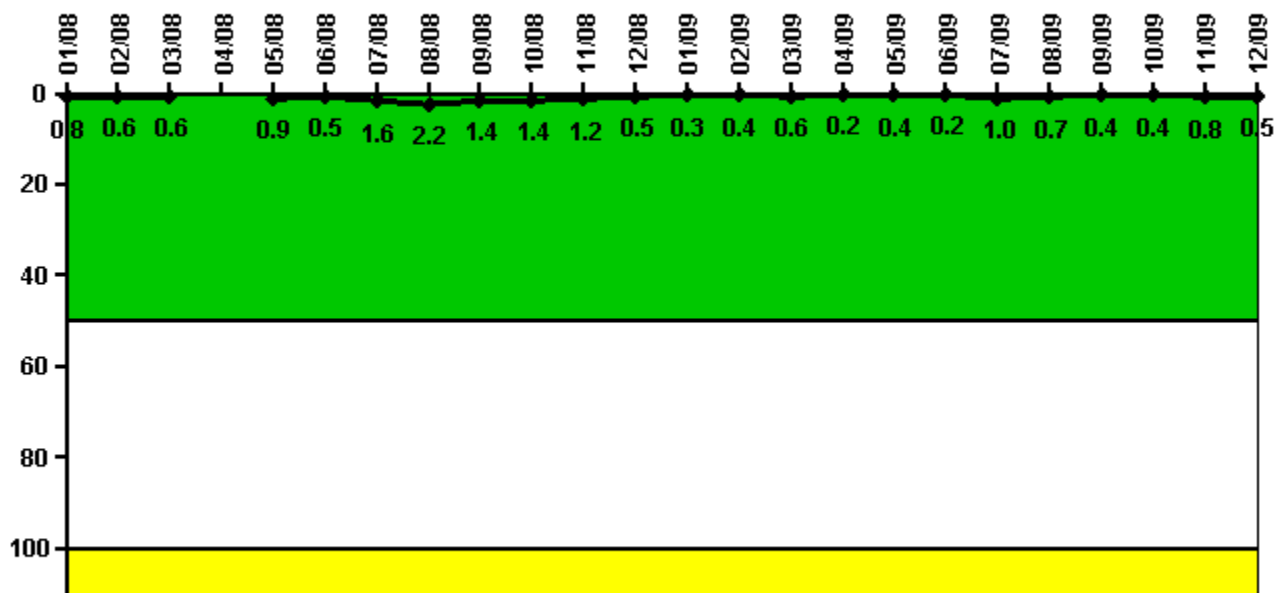
Notes

Reactor Coolant System Activity	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08	10/08	11/08	12/08
Maximum activity	0.000710	0.000605	0.000657	0.000005	0.000286	0.000280	0.000308	0.000308	0.000319	0.000320	0.000369	0.000377
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	1/09	2/09	3/09	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09
Maximum activity	0.000402	0.000391	0.000489	0.000424	0.000459	0.000461	0.000457	0.000469	0.000505	0.000522	N/A	0.000284
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0.1	0.1	N/A	0

Licensee Comments: none

Reactor Coolant System Leakage



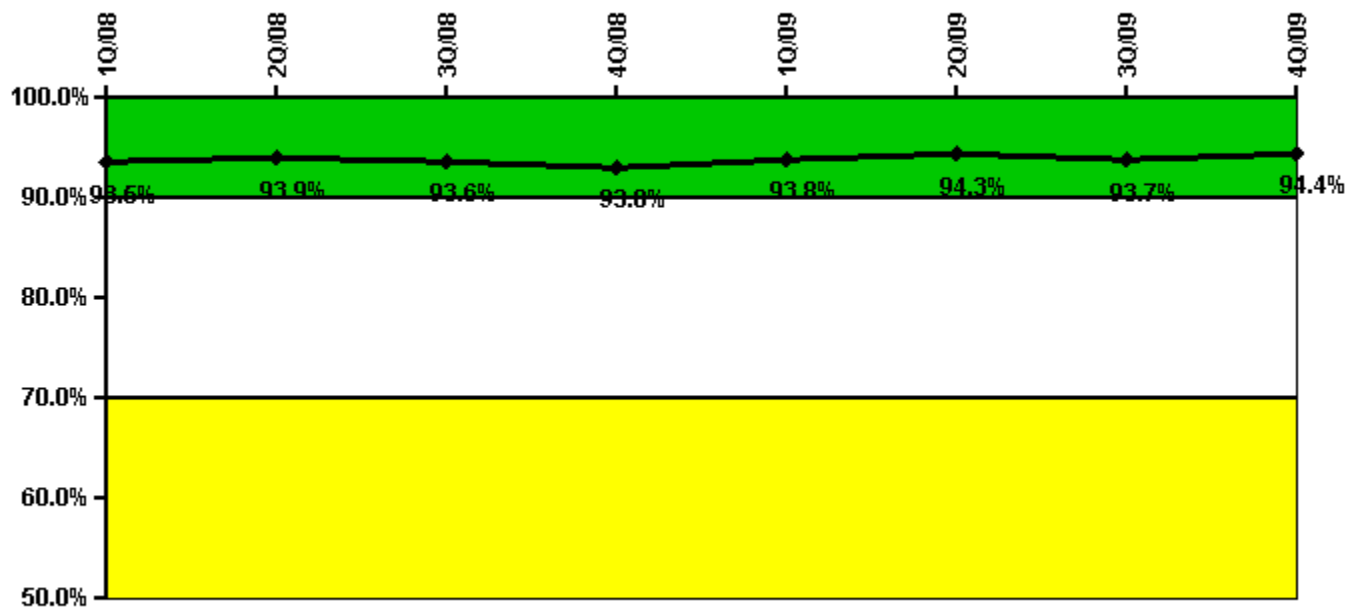
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08	10/08	11/08	12/08
Maximum leakage	0.080	0.060	0.060	N/A	0.090	0.050	0.160	0.220	0.140	0.140	0.120	0.050
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.8	0.6	0.6	N/A	0.9	0.5	1.6	2.2	1.4	1.4	1.2	0.5
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	0.030	0.040	0.060	0.020	0.040	0.020	0.100	0.070	0.040	0.040	0.080	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	0.3	0.4	0.6	0.2	0.4	0.2	1.0	0.7	0.4	0.4	0.8	0.5

Licensee Comments: none

Drill/Exercise Performance



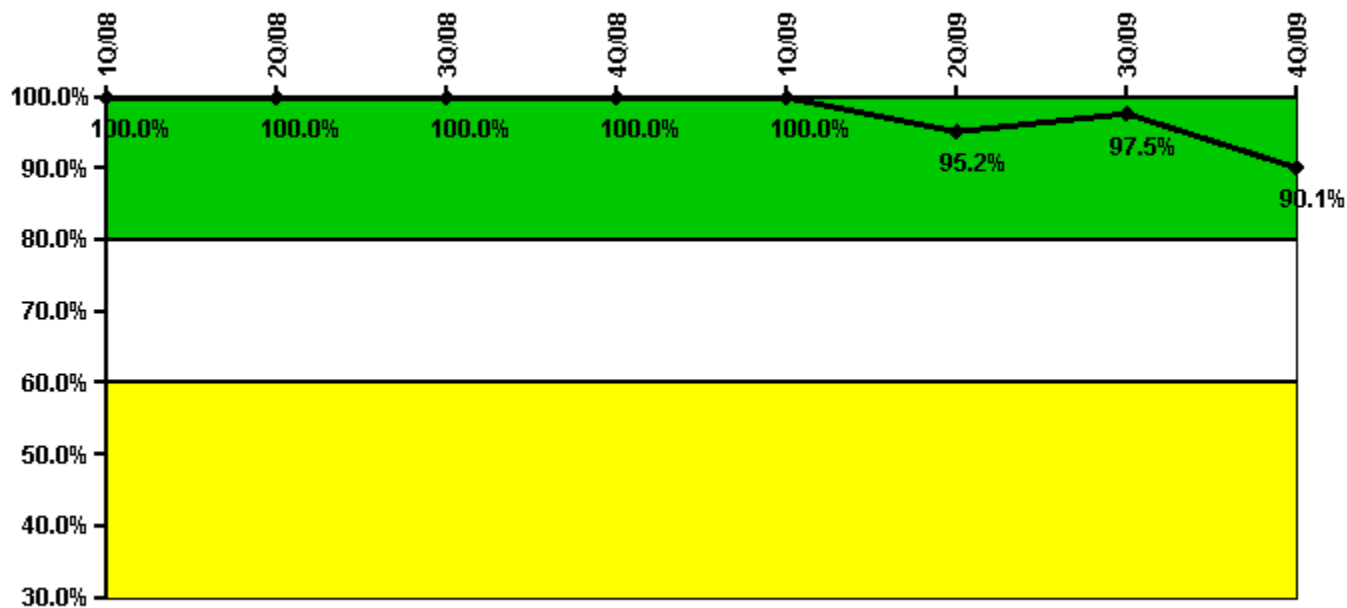
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Successful opportunities	37.0	40.0	20.0	38.0	68.0	44.0	29.0	42.0
Total opportunities	45.0	42.0	20.0	41.0	72.0	44.0	31.0	42.0
Indicator value	93.5%	93.9%	93.6%	93.0%	93.8%	94.3%	93.7%	94.4%

Licensee Comments: none

ERO Drill Participation



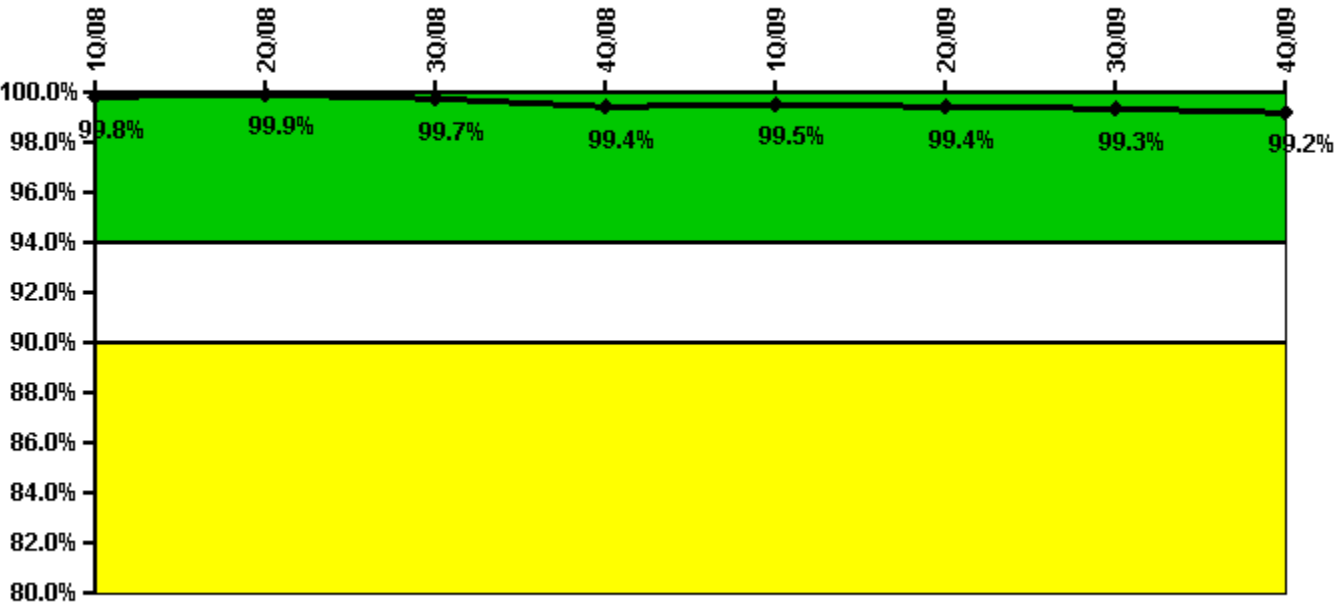
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Participating Key personnel	80.0	85.0	92.0	85.0	81.0	80.0	116.0	118.0
Total Key personnel	80.0	85.0	92.0	85.0	81.0	84.0	119.0	131.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	95.2%	97.5%	90.1%

Licensee Comments: none

Alert & Notification System



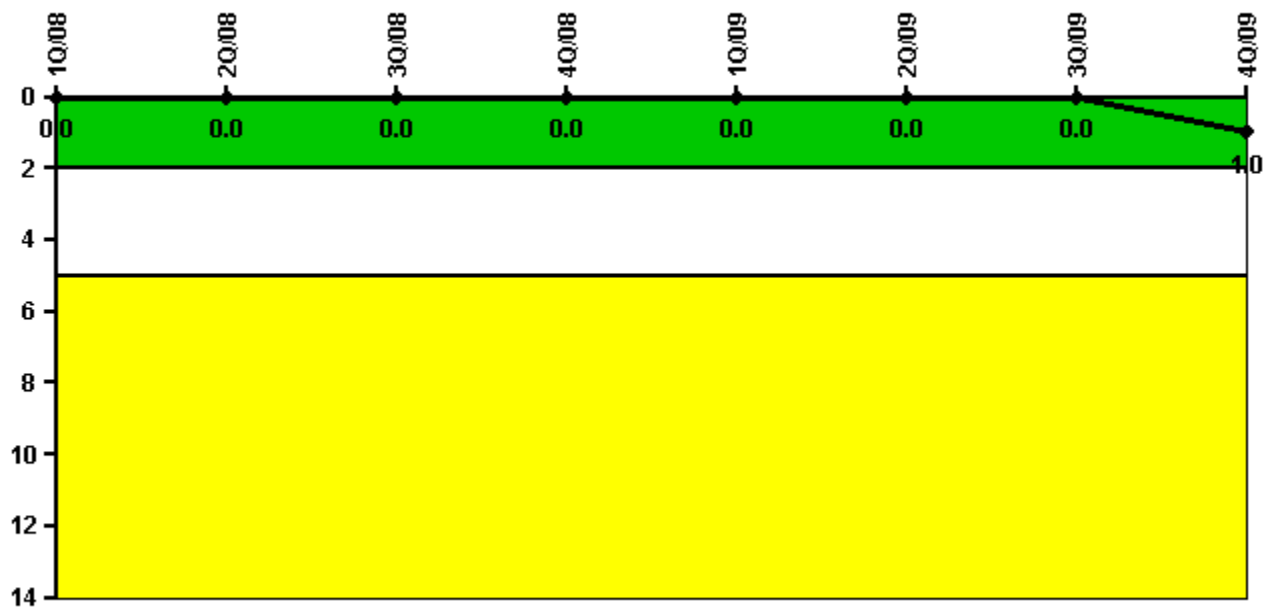
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Successful siren-tests	375	329	372	326	376	328	370	325
Total sirens-tests	376	329	376	329	376	329	376	329
Indicator value	99.8%	99.9%	99.7%	99.4%	99.5%	99.4%	99.3%	99.2%

Licensee Comments: none

Occupational Exposure Control Effectiveness



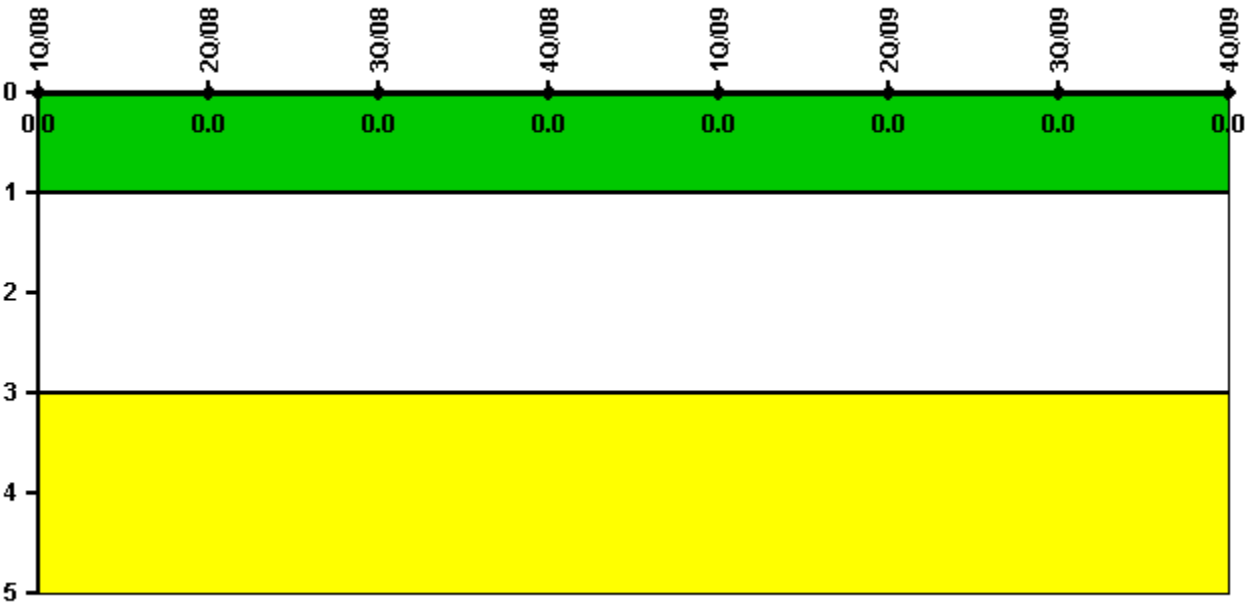
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
High radiation area occurrences	0	0	0	0	0	0	0	1
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	1

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/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

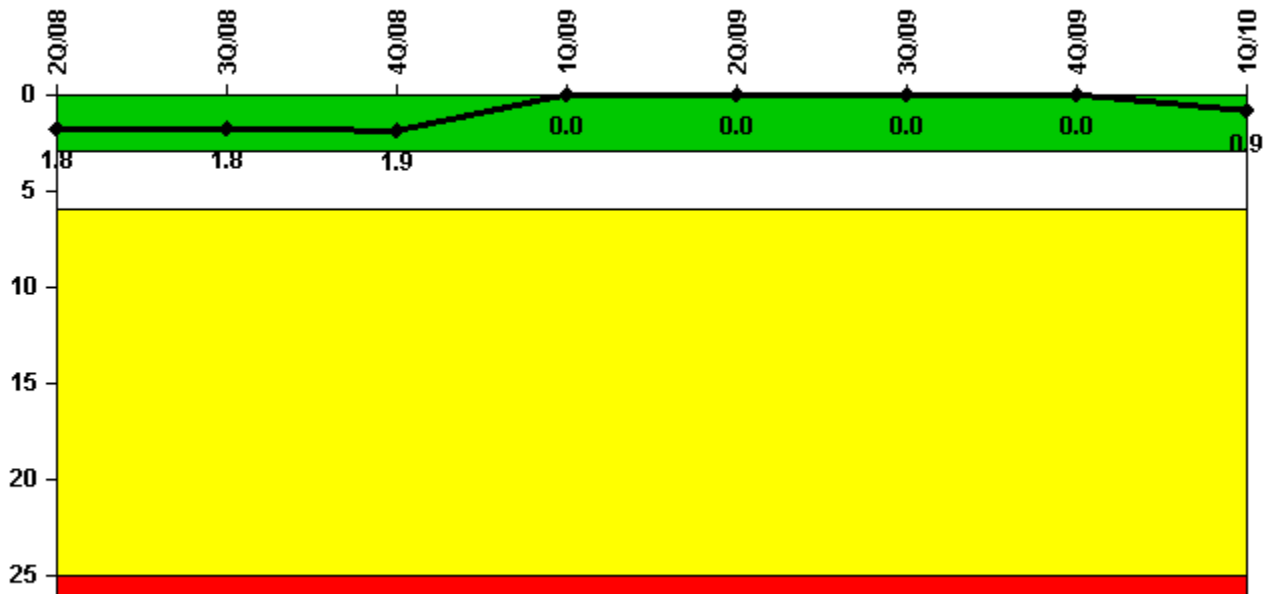
[Security](#) information not publicly available.

Turkey Point 4

1Q/2010 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



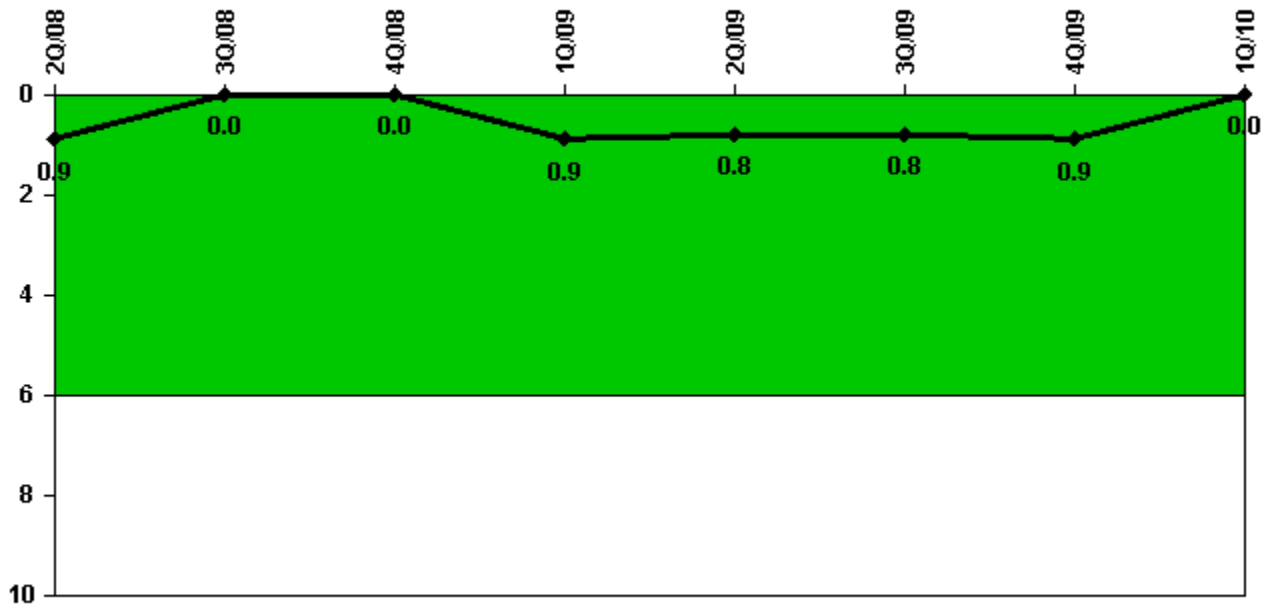
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Unplanned scrams	0	0	0	0	0	0	0	1.0
Critical hours	1255.6	2019.8	2144.4	2159.0	2184.0	2208.0	1305.6	2102.2
Indicator value	1.8	1.8	1.9	0	0	0	0	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



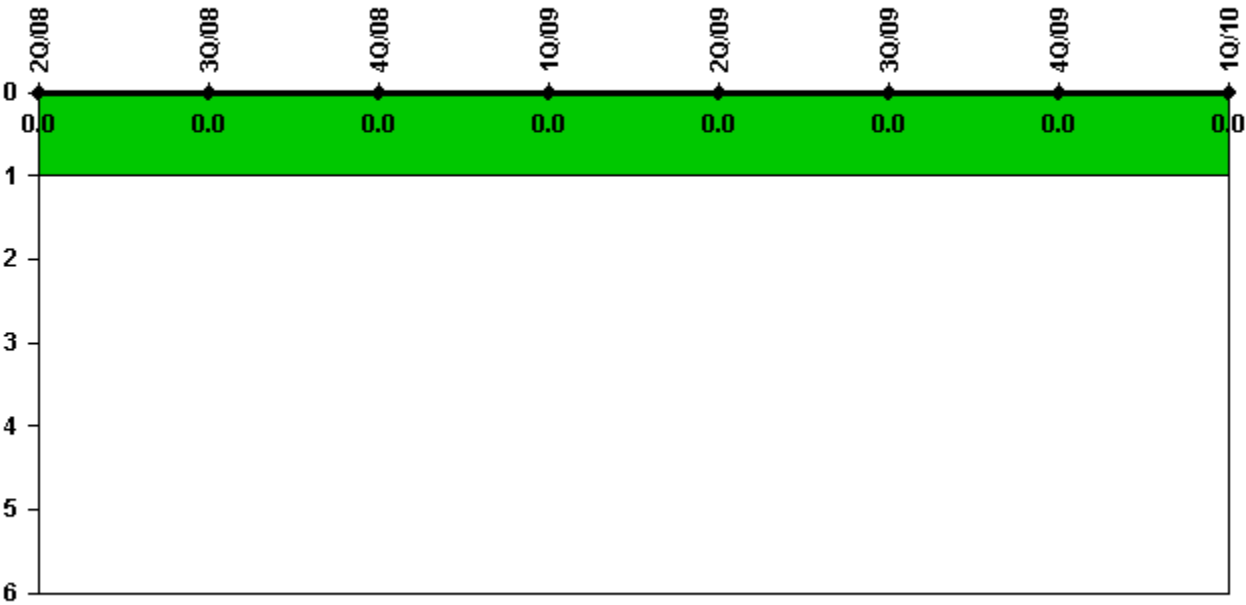
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Unplanned power changes	0	0	0	1.0	0	0	0	0
Critical hours	1255.6	2019.8	2144.4	2159.0	2184.0	2208.0	1305.6	2102.2
Indicator value	0.9	0	0	0.9	0.8	0.8	0.9	0

Licensee Comments: none

Unplanned Scrams with Complications



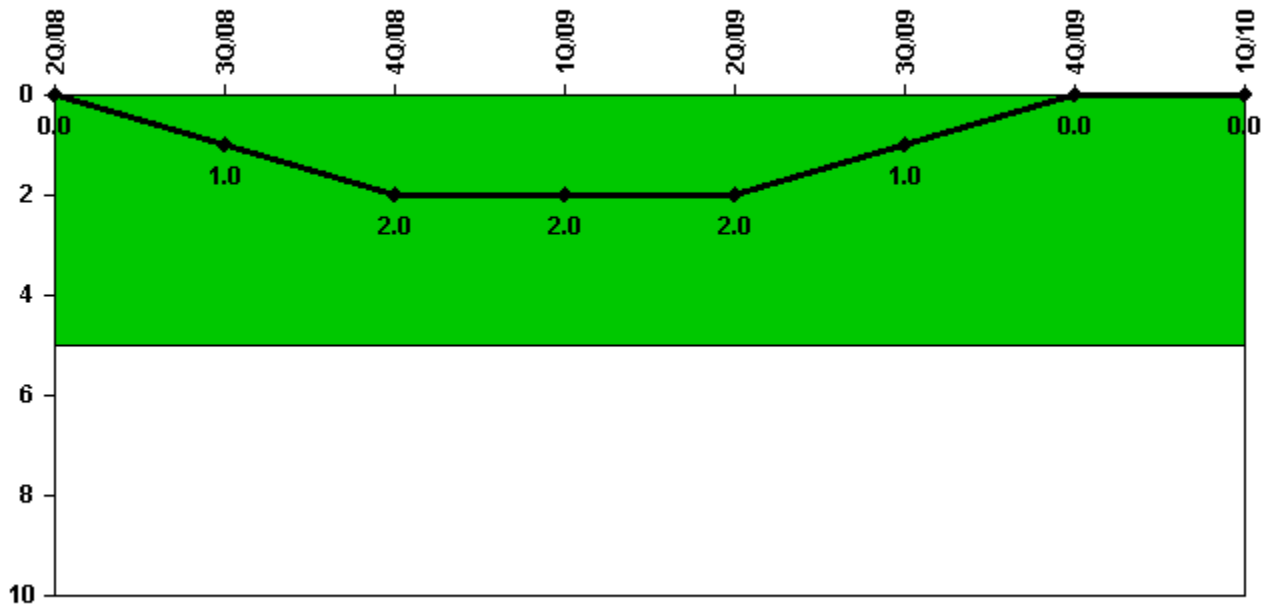
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



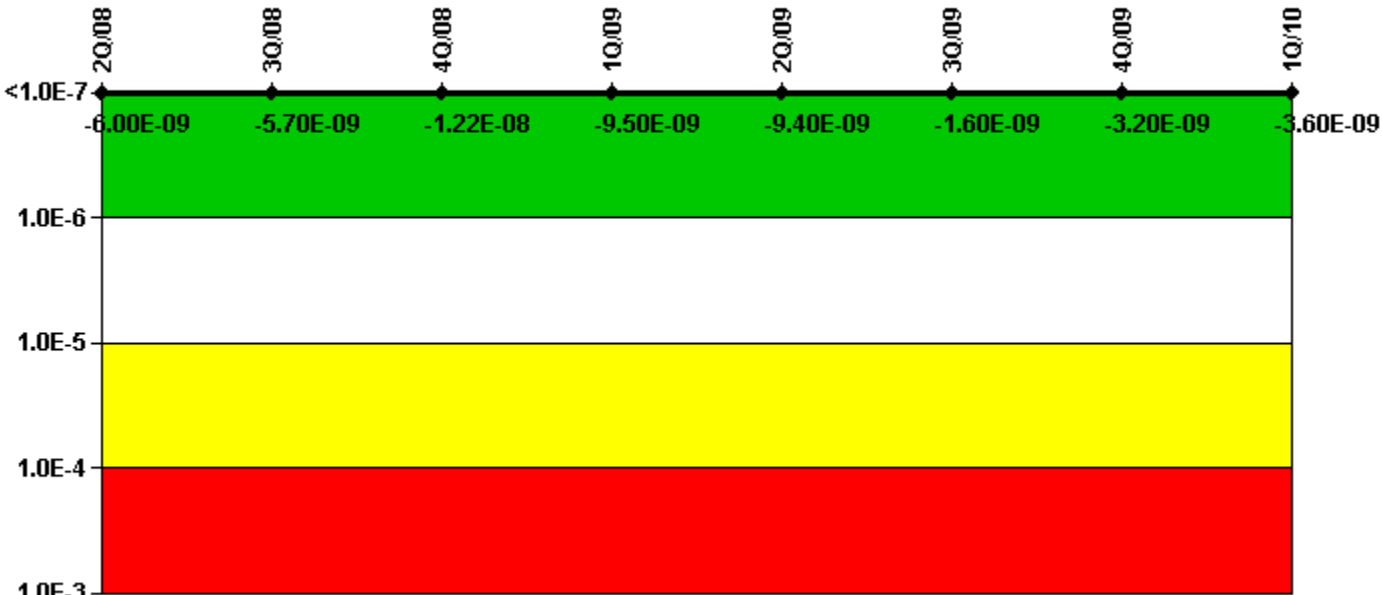
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Safety System Functional Failures	0	1	1	0	0	0	0	0
Indicator value	0	1	2	2	2	1	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



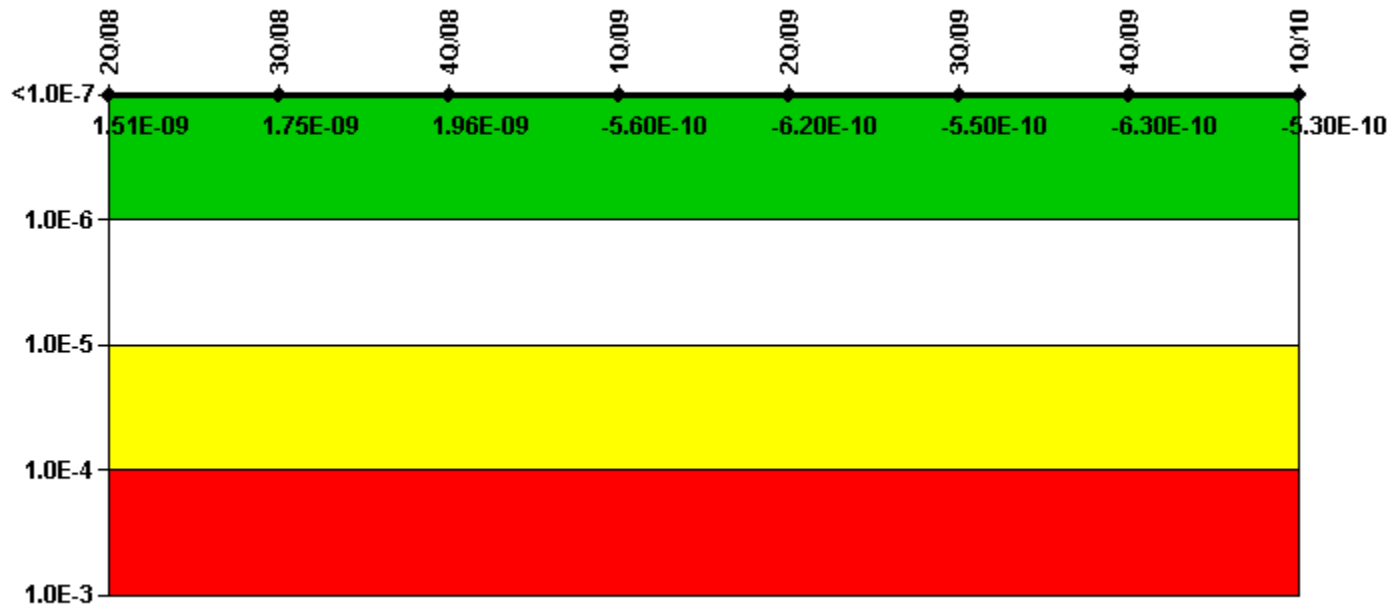
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (ΔCDF)	1.60E-09	2.00E-09	1.80E-09	4.50E-09	4.60E-09	4.90E-09	3.40E-09	3.42E-09
URI (ΔCDF)	-7.60E-09	-7.70E-09	-1.40E-08	-1.40E-08	-1.40E-08	-6.50E-09	-6.60E-09	-6.98E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.00E-09	-5.70E-09	-1.22E-08	-9.50E-09	-9.40E-09	-1.60E-09	-3.20E-09	-3.60E-09

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



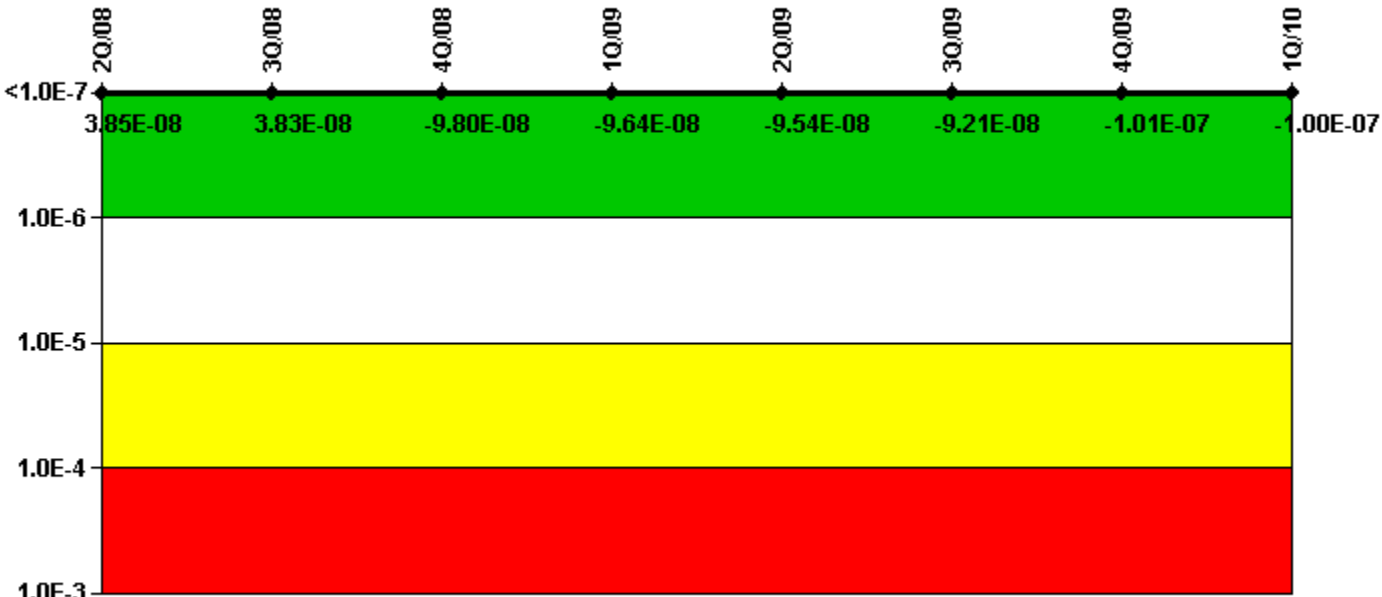
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (ΔCDF)	1.10E-10	3.50E-10	5.60E-10	5.40E-10	4.80E-10	5.50E-10	4.70E-10	5.51E-10
URI (ΔCDF)	1.40E-09	1.40E-09	1.40E-09	-1.10E-09	-1.10E-09	-1.10E-09	-1.10E-09	-1.08E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.51E-09	1.75E-09	1.96E-09	-5.60E-10	-6.20E-10	-5.50E-10	-6.30E-10	-5.30E-10

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



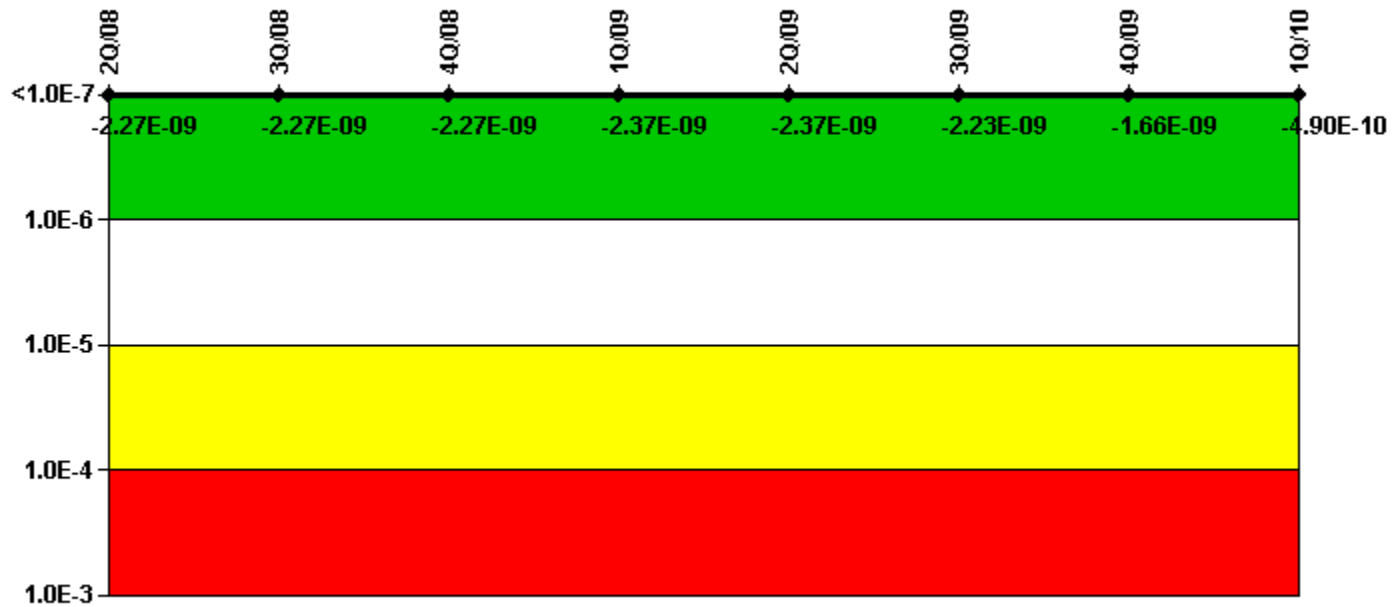
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (ΔCDF)	4.50E-10	3.30E-10	-2.50E-11	3.60E-09	4.60E-09	7.90E-09	9.00E-09	5.61E-09
URI (ΔCDF)	3.80E-08	3.80E-08	-9.80E-08	-1.00E-07	-1.00E-07	-1.00E-07	-1.10E-07	-1.07E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.85E-08	3.83E-08	-9.80E-08	-9.64E-08	-9.54E-08	-9.21E-08	-1.01E-07	-1.00E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



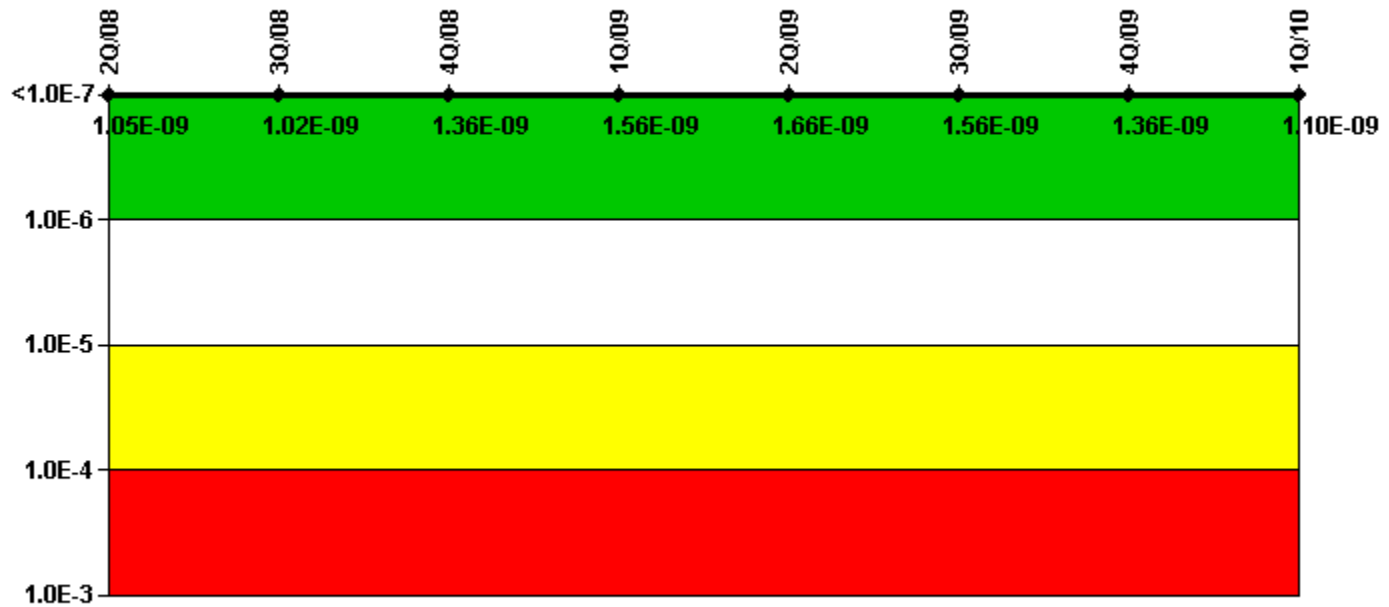
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (Δ CDF)	-4.70E-10	-4.70E-10	-4.70E-10	-4.70E-10	-4.70E-10	-2.30E-10	1.40E-10	1.34E-09
URI (Δ CDF)	-1.80E-09	-1.80E-09	-1.80E-09	-1.90E-09	-1.90E-09	-2.00E-09	-1.80E-09	-1.83E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.27E-09	-2.27E-09	-2.27E-09	-2.37E-09	-2.37E-09	-2.23E-09	-1.66E-09	-4.90E-10

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



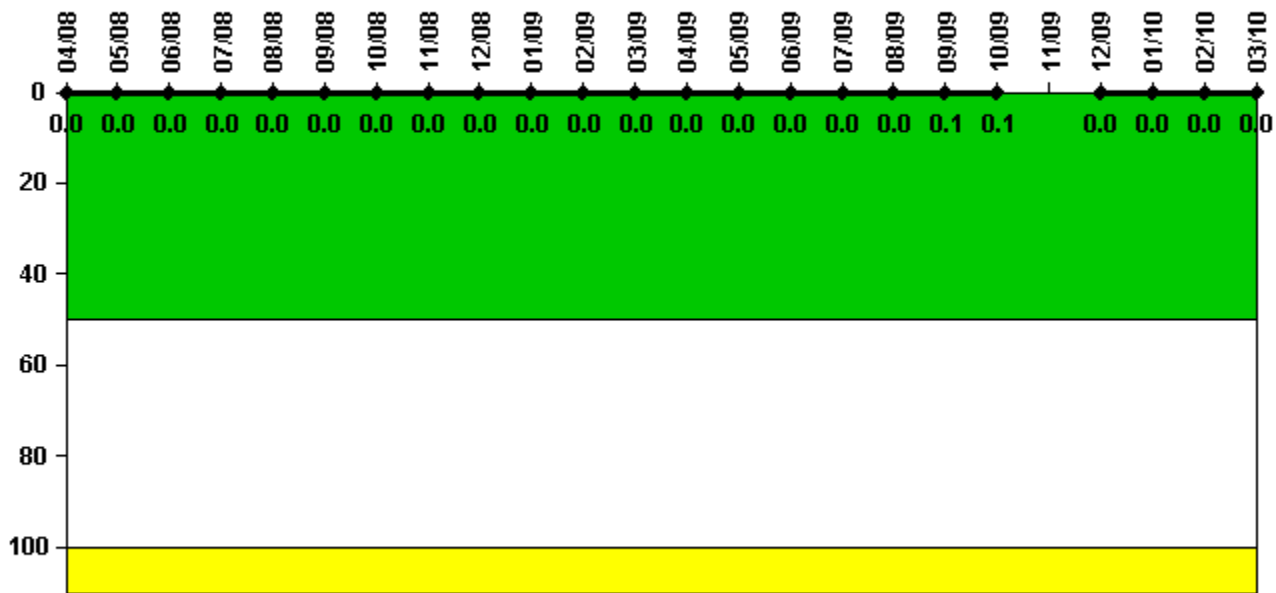
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (ΔCDF)	9.90E-10	9.60E-10	1.30E-09	1.50E-09	1.60E-09	1.50E-09	1.30E-09	1.04E-09
URI (ΔCDF)	6.00E-11	6.10E-11	6.20E-11	6.10E-11	6.00E-11	5.90E-11	6.10E-11	6.11E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.05E-09	1.02E-09	1.36E-09	1.56E-09	1.66E-09	1.56E-09	1.36E-09	1.10E-09

Licensee Comments: none

Reactor Coolant System Activity



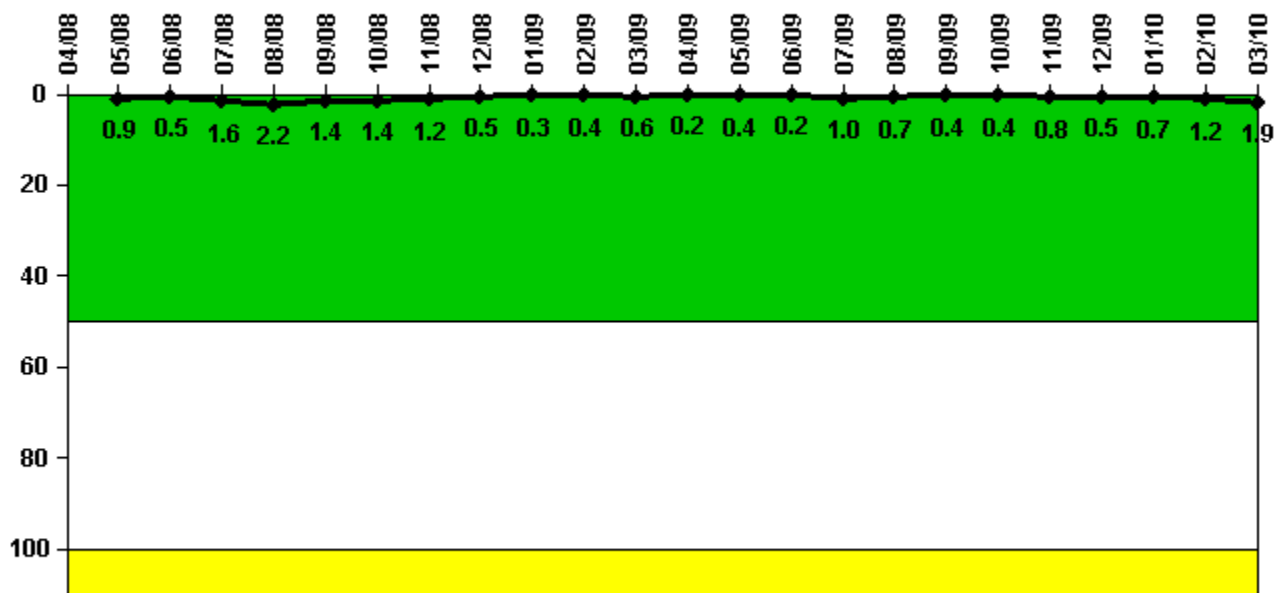
Thresholds: White > 50.0 Yellow > 100.0

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	0.000005	0.000286	0.000280	0.000308	0.000308	0.000319	0.000320	0.000369	0.000377	0.000402	0.000391	0.000489
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10
Maximum activity	0.000424	0.000459	0.000461	0.000457	0.000469	0.000505	0.000522	N/A	0.000284	0.000278	0.000334	0.000294
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0.1	0.1	N/A	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



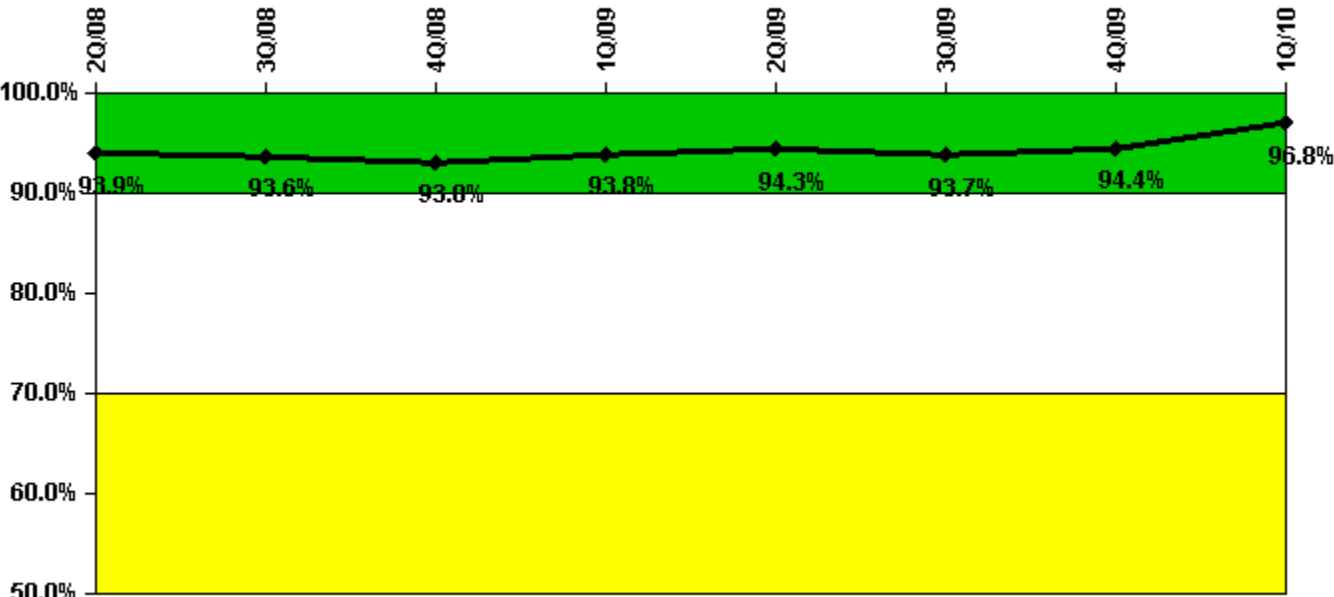
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/08	5/08	6/08	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09
Maximum leakage	N/A	0.090	0.050	0.160	0.220	0.140	0.140	0.120	0.050	0.030	0.040	0.060
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	N/A	0.9	0.5	1.6	2.2	1.4	1.4	1.2	0.5	0.3	0.4	0.6
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	0.020	0.040	0.020	0.100	0.070	0.040	0.040	0.080	0.050	0.070	0.120	0.190
Technical specification limit	10.0	10.0	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	0.2	1.0	0.7	0.4	0.4	0.8	0.5	0.7	1.2	1.9

Licensee Comments: none

Drill/Exercise Performance



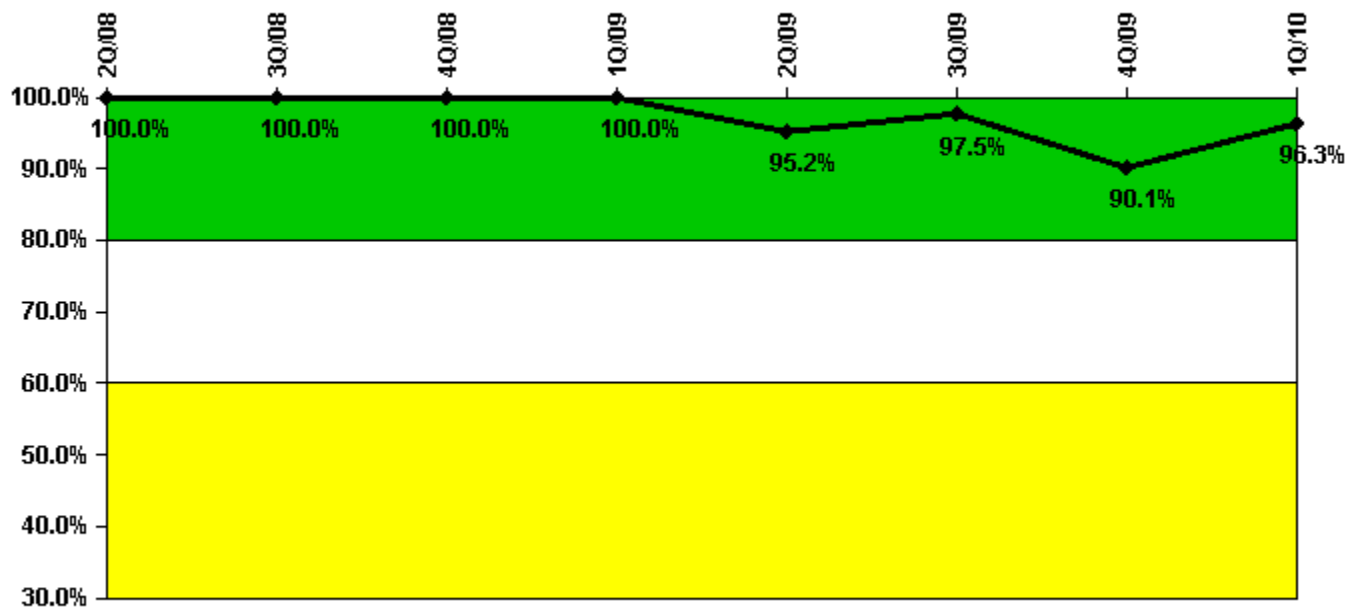
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Successful opportunities	40.0	20.0	38.0	68.0	44.0	29.0	42.0	87.0
Total opportunities	42.0	20.0	41.0	72.0	44.0	31.0	42.0	88.0
Indicator value	93.9%	93.6%	93.0%	93.8%	94.3%	93.7%	94.4%	96.8%

Licensee Comments: none

ERO Drill Participation



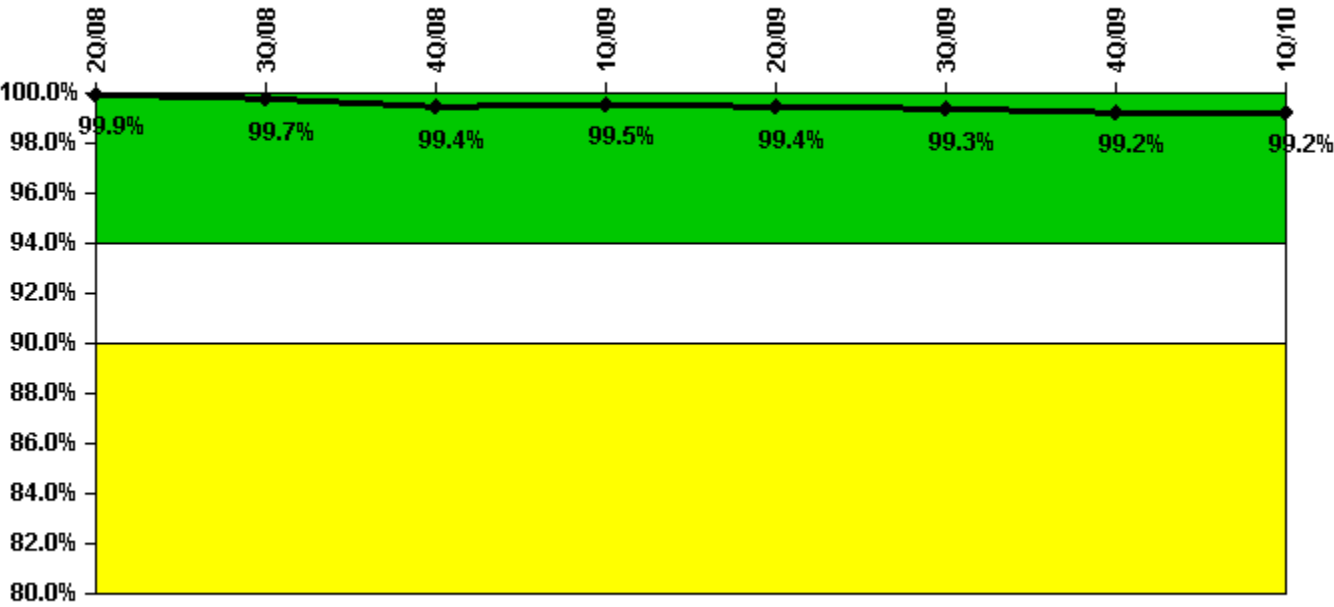
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Participating Key personnel	85.0	92.0	85.0	81.0	80.0	116.0	118.0	131.0
Total Key personnel	85.0	92.0	85.0	81.0	84.0	119.0	131.0	136.0
Indicator value	100.0%	100.0%	100.0%	100.0%	95.2%	97.5%	90.1%	96.3%

Licensee Comments: none

Alert & Notification System



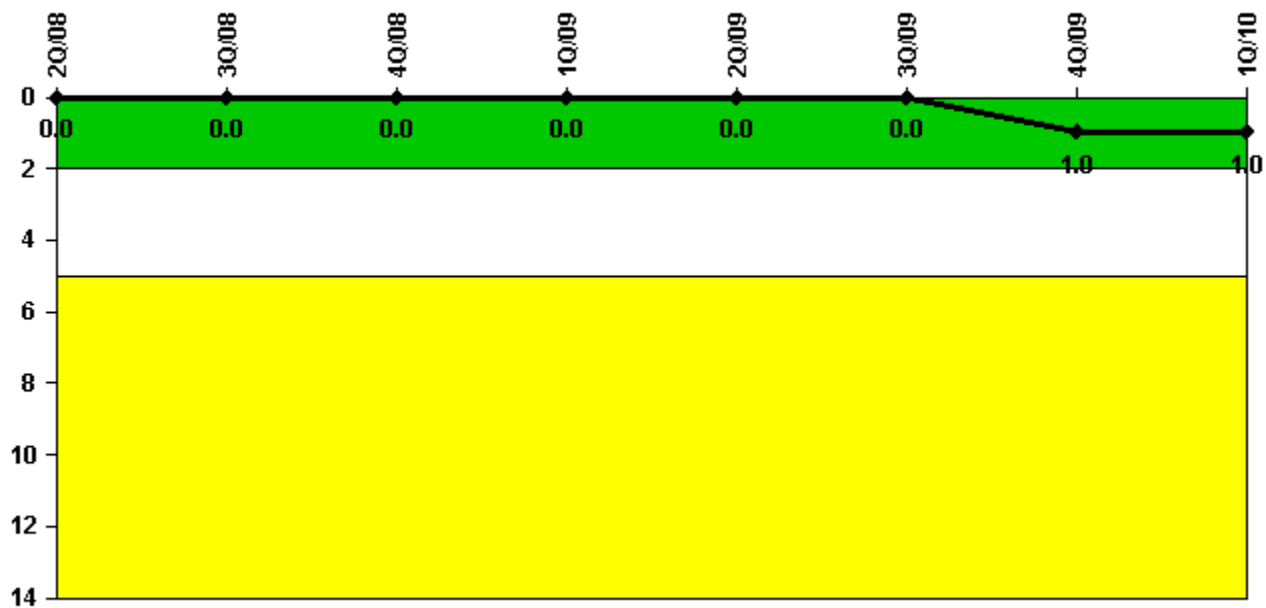
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Successful siren-tests	329	372	326	376	328	370	325	423
Total sirens-tests	329	376	329	376	329	376	329	423
Indicator value	99.9%	99.7%	99.4%	99.5%	99.4%	99.3%	99.2%	99.2%

Licensee Comments: none

Occupational Exposure Control Effectiveness



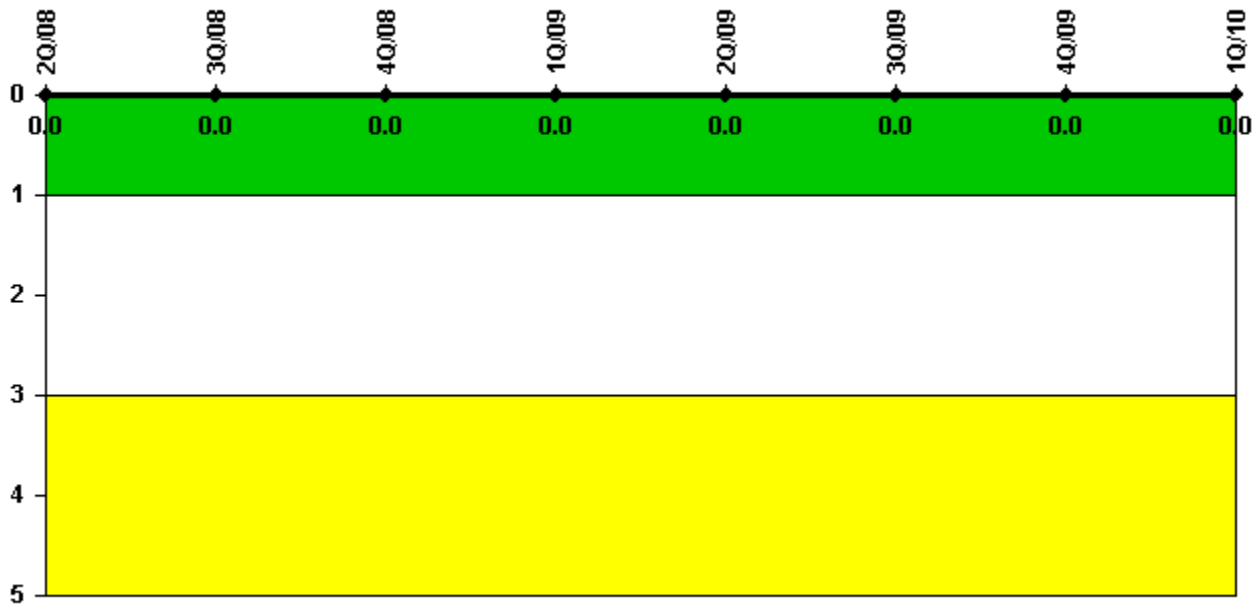
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
High radiation area occurrences	0	0	0	0	0	0	1	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	1	1

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/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

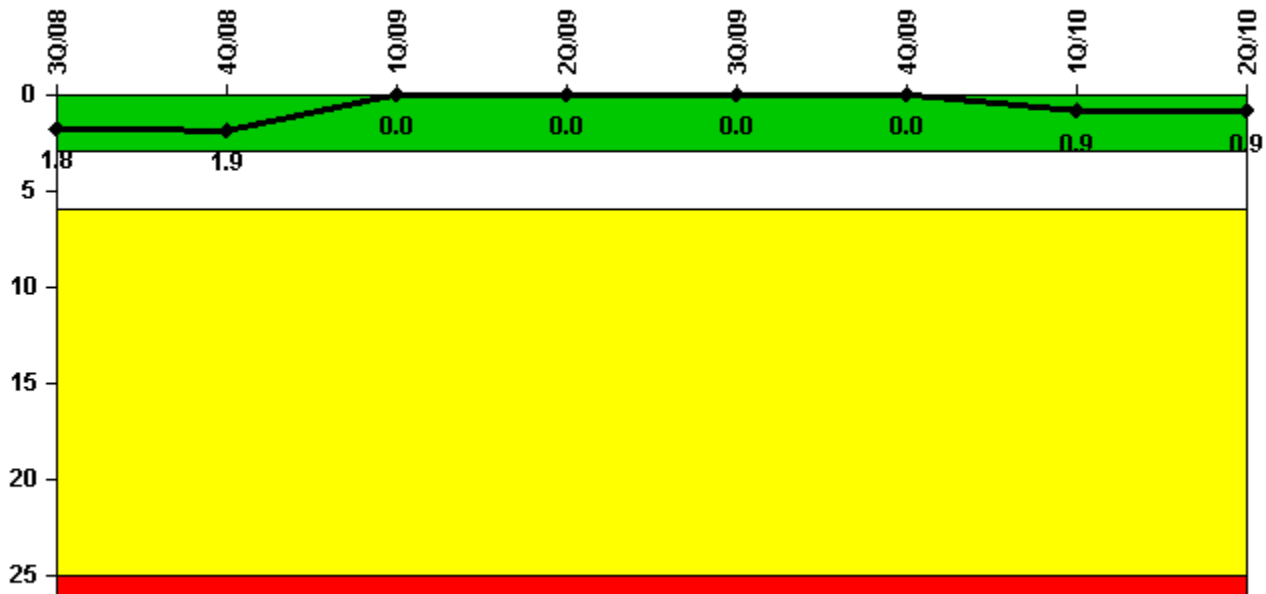
[Security](#) information not publicly available.

Turkey Point 4

2Q/2010 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



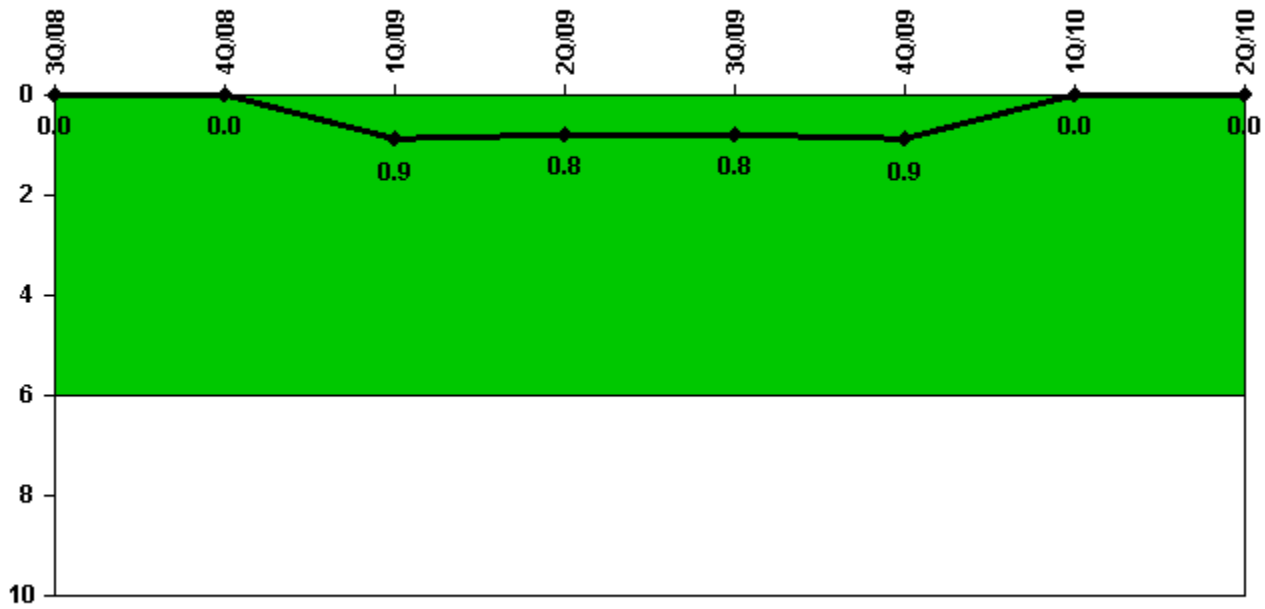
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Unplanned scrams	0	0	0	0	0	0	1.0	0
Critical hours	2019.8	2144.4	2159.0	2184.0	2208.0	1305.6	2102.2	2184.0
Indicator value	1.8	1.9	0	0	0	0	0.9	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



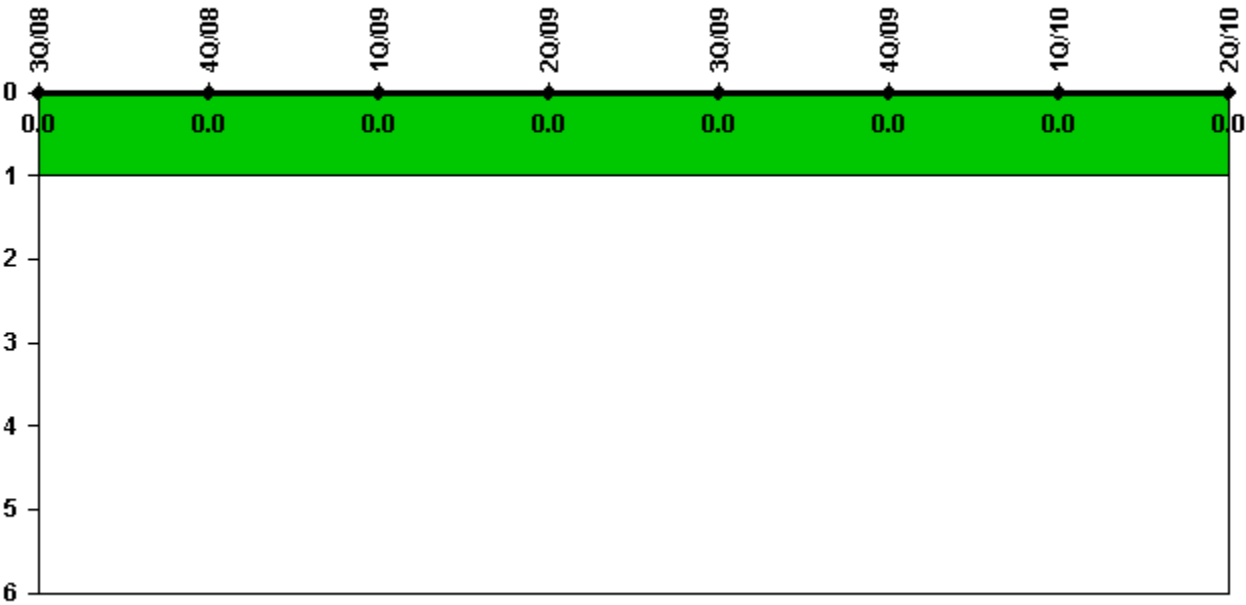
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Unplanned power changes	0	0	1.0	0	0	0	0	0
Critical hours	2019.8	2144.4	2159.0	2184.0	2208.0	1305.6	2102.2	2184.0
Indicator value	0	0	0.9	0.8	0.8	0.9	0	0

Licensee Comments: none

Unplanned Scrams with Complications



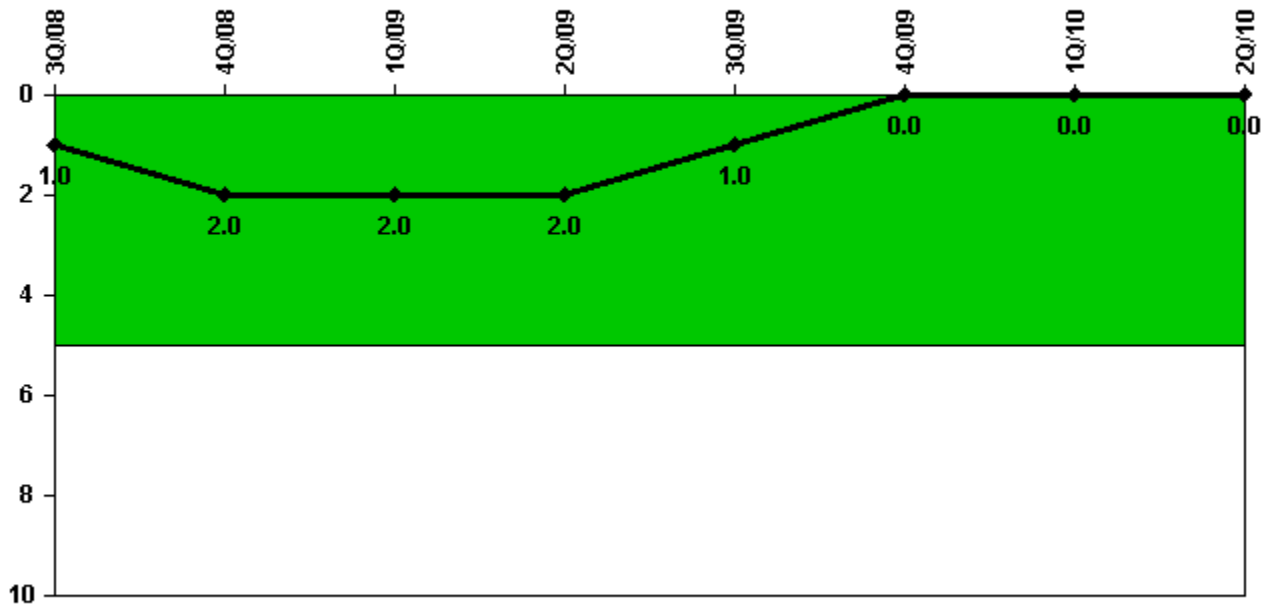
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



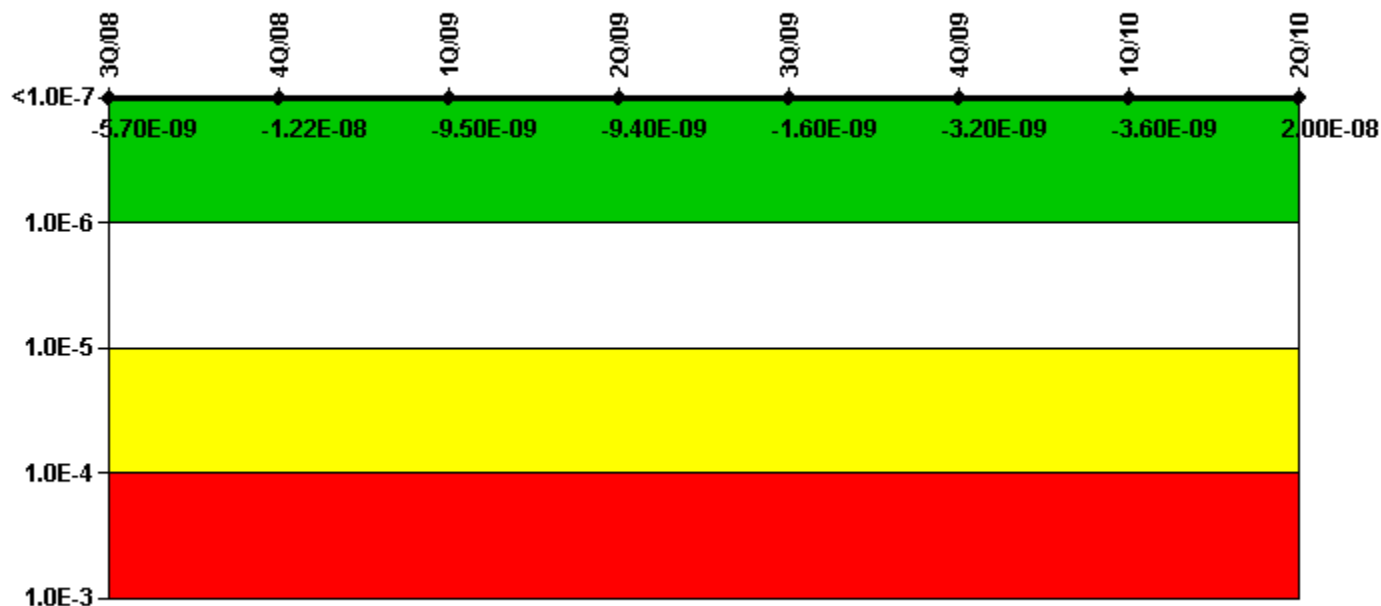
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Safety System Functional Failures	1	1	0	0	0	0	0	0
Indicator value	1	2	2	2	1	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



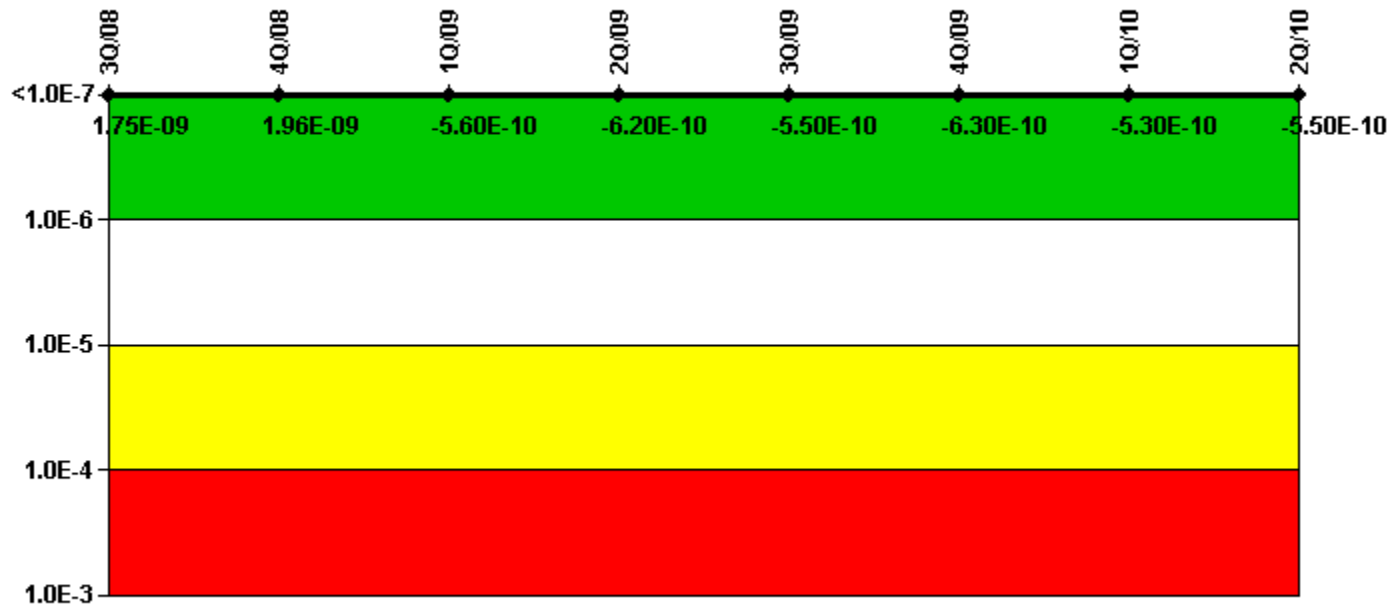
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (ΔCDF)	2.00E-09	1.80E-09	4.50E-09	4.60E-09	4.90E-09	3.40E-09	3.42E-09	6.85E-09
URI (ΔCDF)	-7.70E-09	-1.40E-08	-1.40E-08	-1.40E-08	-6.50E-09	-6.60E-09	-6.98E-09	1.34E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.70E-09	-1.22E-08	-9.50E-09	-9.40E-09	-1.60E-09	-3.20E-09	-3.60E-09	2.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



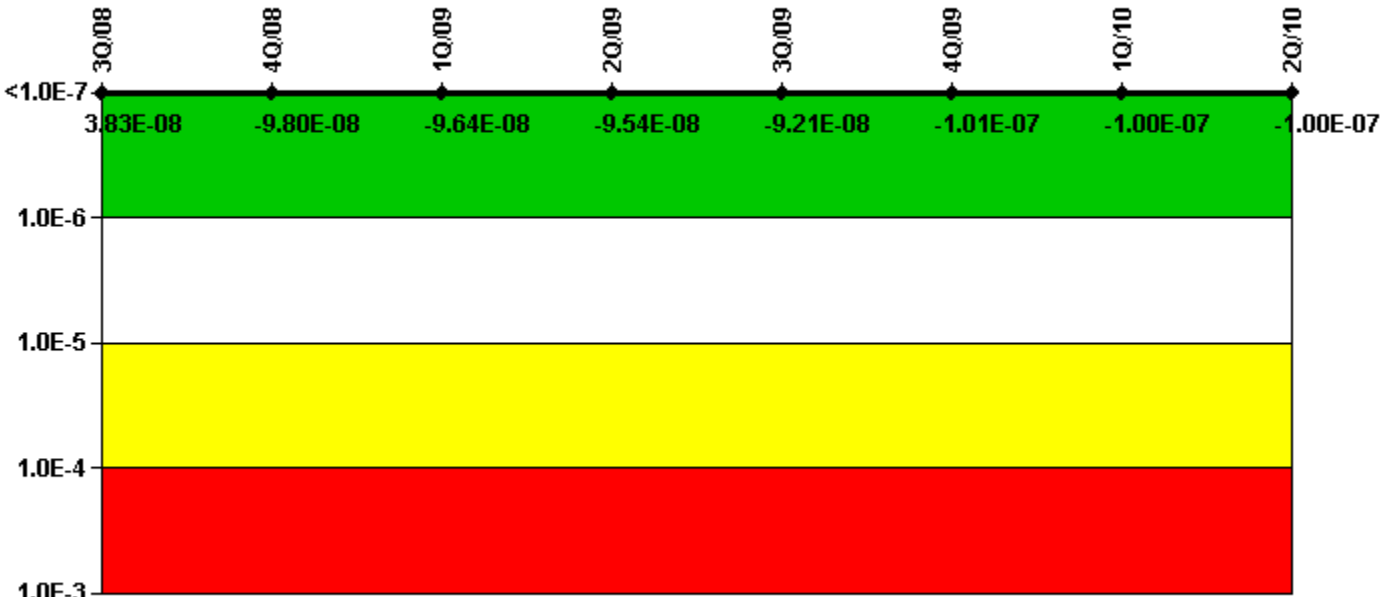
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (ΔCDF)	3.50E-10	5.60E-10	5.40E-10	4.80E-10	5.50E-10	4.70E-10	5.51E-10	5.49E-10
URI (ΔCDF)	1.40E-09	1.40E-09	-1.10E-09	-1.10E-09	-1.10E-09	-1.10E-09	-1.08E-09	-1.10E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.75E-09	1.96E-09	-5.60E-10	-6.20E-10	-5.50E-10	-6.30E-10	-5.30E-10	-5.50E-10

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



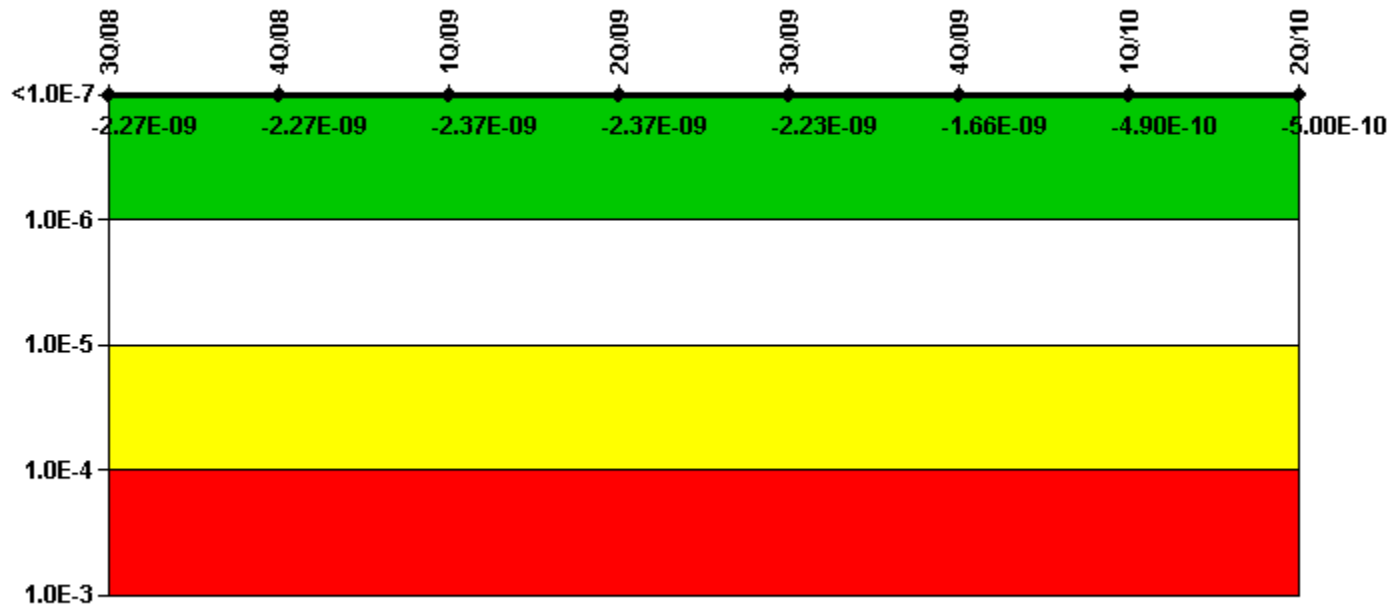
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	3.30E-10	-2.50E-11	3.60E-09	4.60E-09	7.90E-09	9.00E-09	5.61E-09	4.69E-09
URI (ΔCDF)	3.80E-08	-9.80E-08	-1.00E-07	-1.00E-07	-1.00E-07	-1.10E-07	-1.07E-07	-1.08E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.83E-08	-9.80E-08	-9.64E-08	-9.54E-08	-9.21E-08	-1.01E-07	-1.00E-07	-1.00E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



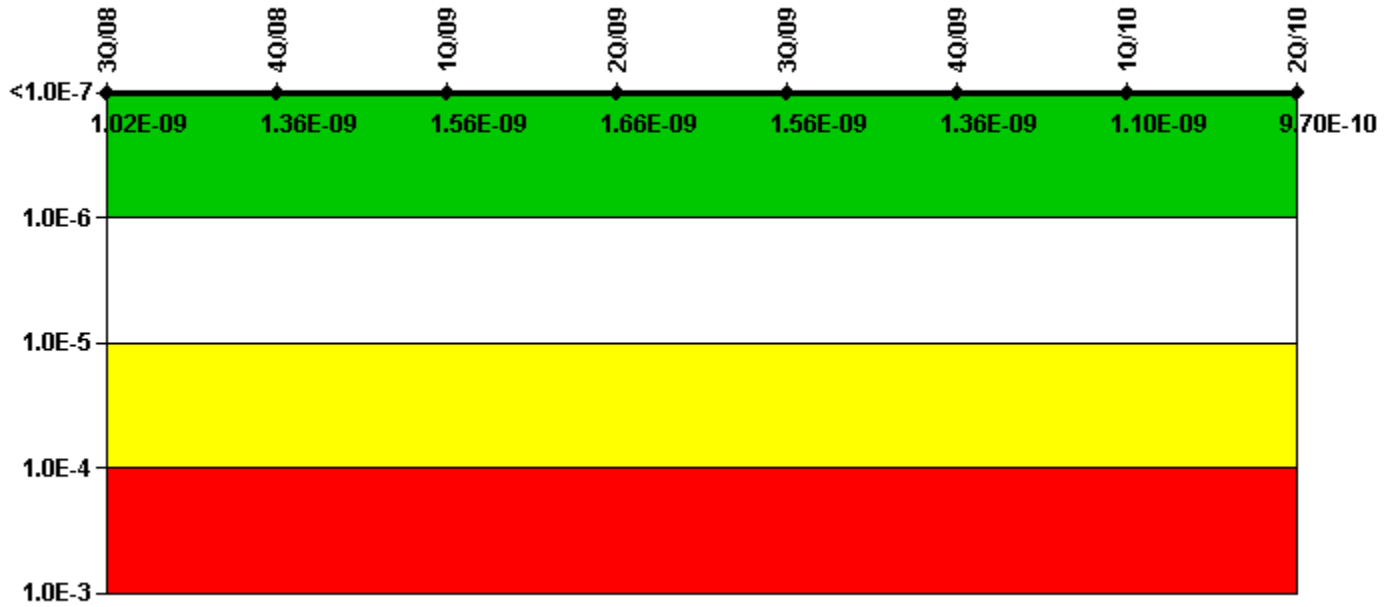
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (ΔCDF)	-4.70E-10	-4.70E-10	-4.70E-10	-4.70E-10	-2.30E-10	1.40E-10	1.34E-09	1.38E-09
URI (ΔCDF)	-1.80E-09	-1.80E-09	-1.90E-09	-1.90E-09	-2.00E-09	-1.80E-09	-1.83E-09	-1.88E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.27E-09	-2.27E-09	-2.37E-09	-2.37E-09	-2.23E-09	-1.66E-09	-4.90E-10	-5.00E-10

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



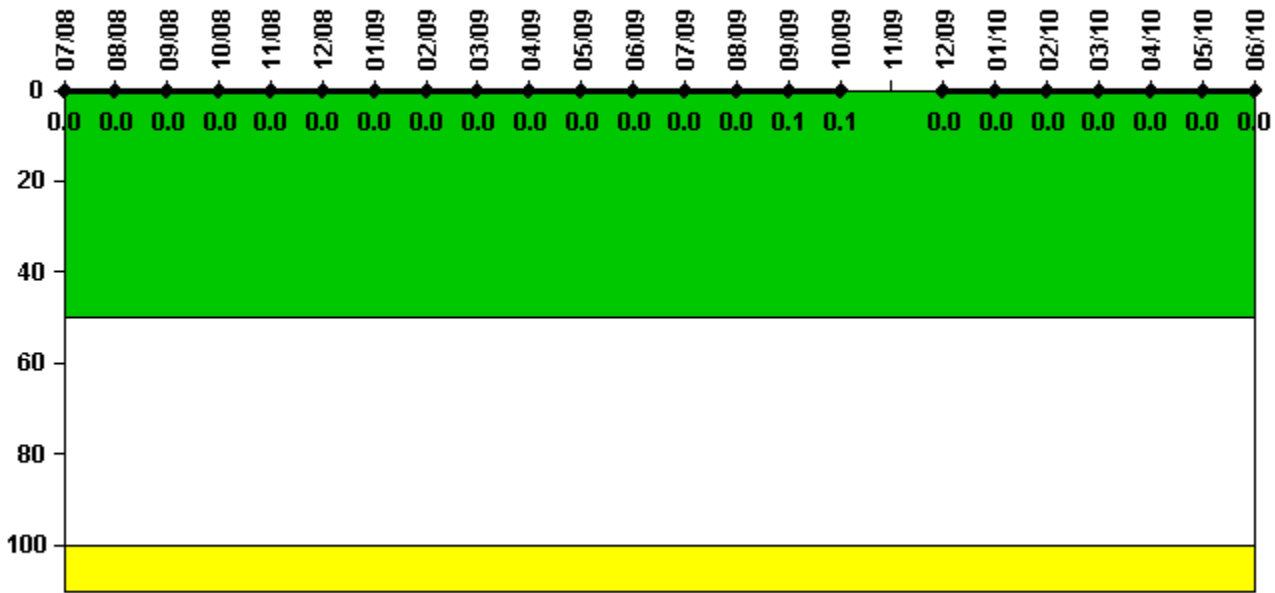
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (ΔCDF)	9.60E-10	1.30E-09	1.50E-09	1.60E-09	1.50E-09	1.30E-09	1.04E-09	9.13E-10
URI (ΔCDF)	6.10E-11	6.20E-11	6.10E-11	6.00E-11	5.90E-11	6.10E-11	6.11E-11	6.06E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.02E-09	1.36E-09	1.56E-09	1.66E-09	1.56E-09	1.36E-09	1.10E-09	9.70E-10

Licensee Comments: none

Reactor Coolant System Activity



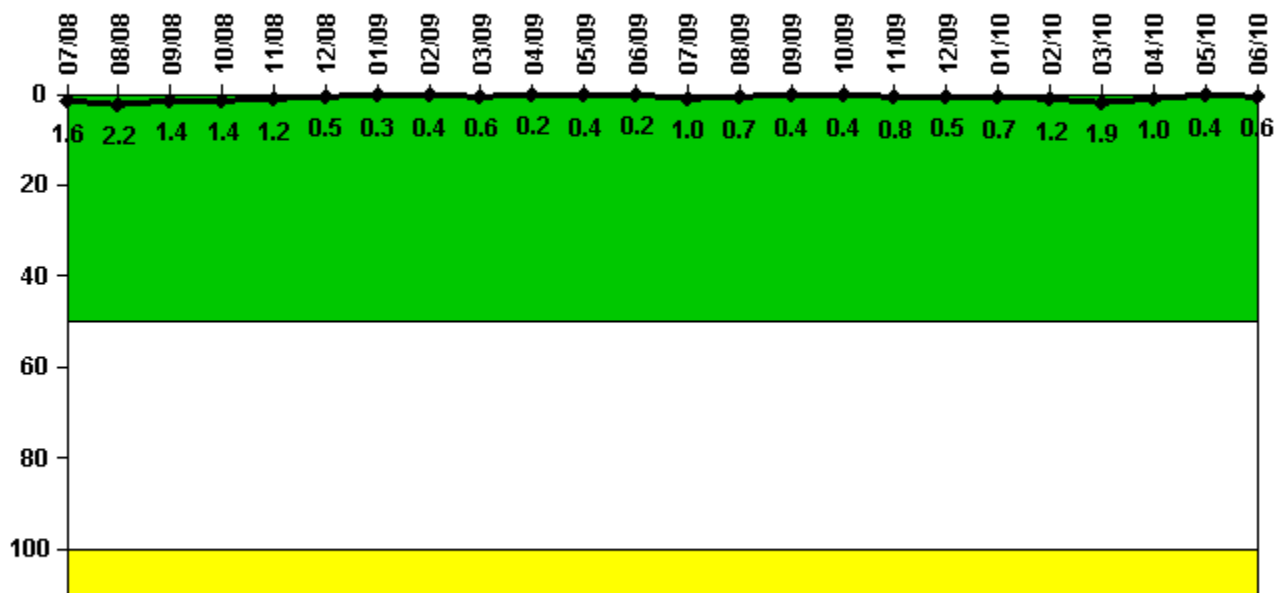
Thresholds: White > 50.0 Yellow > 100.0

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	0.000308	0.000308	0.000319	0.000320	0.000369	0.000377	0.000402	0.000391	0.000489	0.000424	0.000459	0.000461
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10	4/10	5/10	6/10
Maximum activity	0.000457	0.000469	0.000505	0.000522	N/A	0.000284	0.000278	0.000334	0.000294	0.000295	0.000326	0.000312
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0.1	0.1	N/A	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



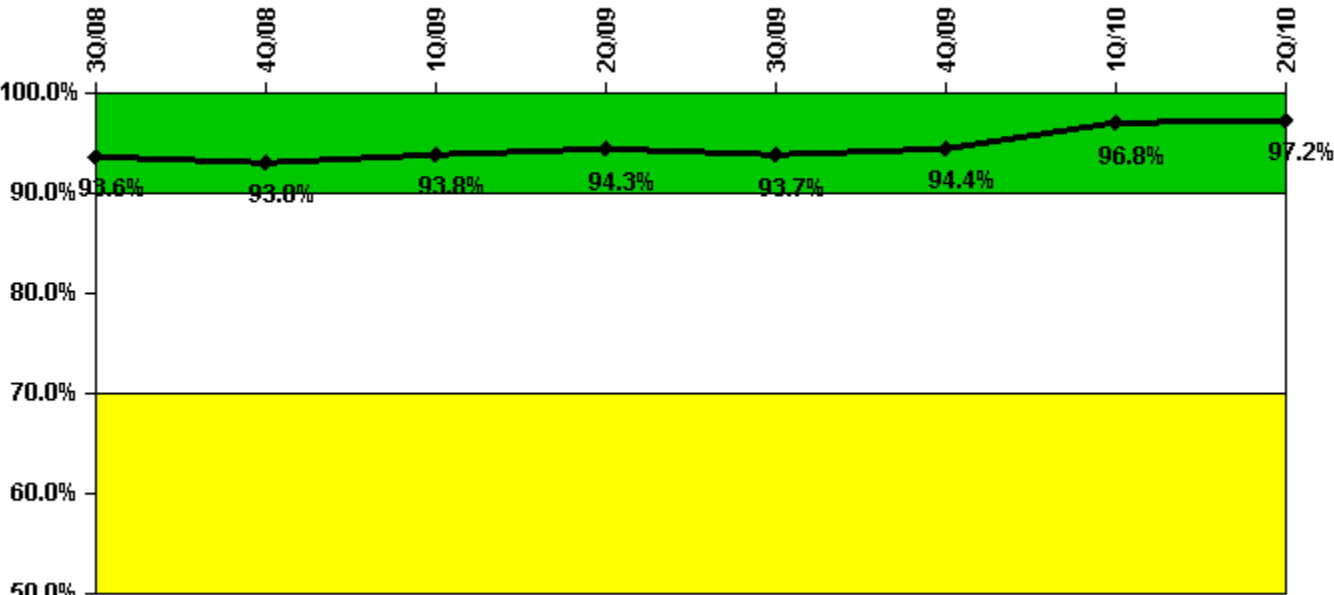
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09	4/09	5/09	6/09
Maximum leakage	0.160	0.220	0.140	0.140	0.120	0.050	0.030	0.040	0.060	0.020	0.040	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	1.6	2.2	1.4	1.4	1.2	0.5	0.3	0.4	0.6	0.2	0.4	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	0.100	0.070	0.040	0.040	0.080	0.050	0.070	0.120	0.190	0.100	0.040	0.060
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.0	0.7	0.4	0.4	0.8	0.5	0.7	1.2	1.9	1.0	0.4	0.6

Licensee Comments: none

Drill/Exercise Performance



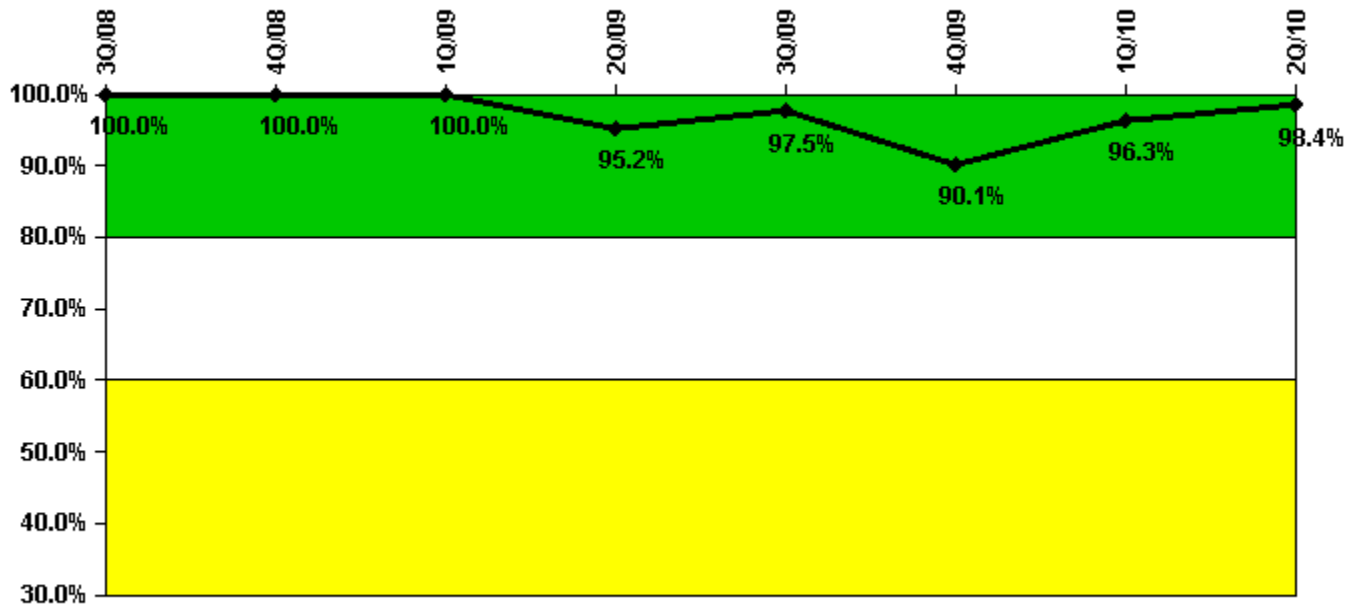
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Successful opportunities	20.0	38.0	68.0	44.0	29.0	42.0	87.0	21.0
Total opportunities	20.0	41.0	72.0	44.0	31.0	42.0	88.0	21.0
Indicator value	93.6%	93.0%	93.8%	94.3%	93.7%	94.4%	96.8%	97.2%

Licensee Comments: none

ERO Drill Participation



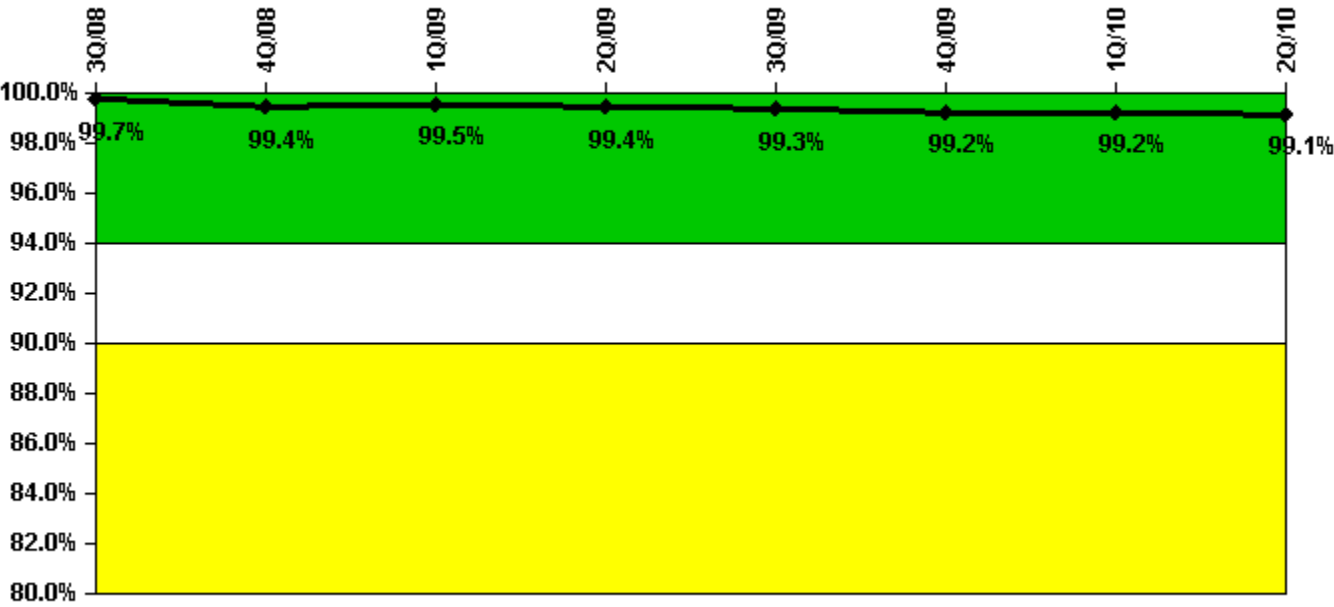
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Participating Key personnel	92.0	85.0	81.0	80.0	116.0	118.0	131.0	124.0
Total Key personnel	92.0	85.0	81.0	84.0	119.0	131.0	136.0	126.0
Indicator value	100.0%	100.0%	100.0%	95.2%	97.5%	90.1%	96.3%	98.4%

Licensee Comments: none

Alert & Notification System



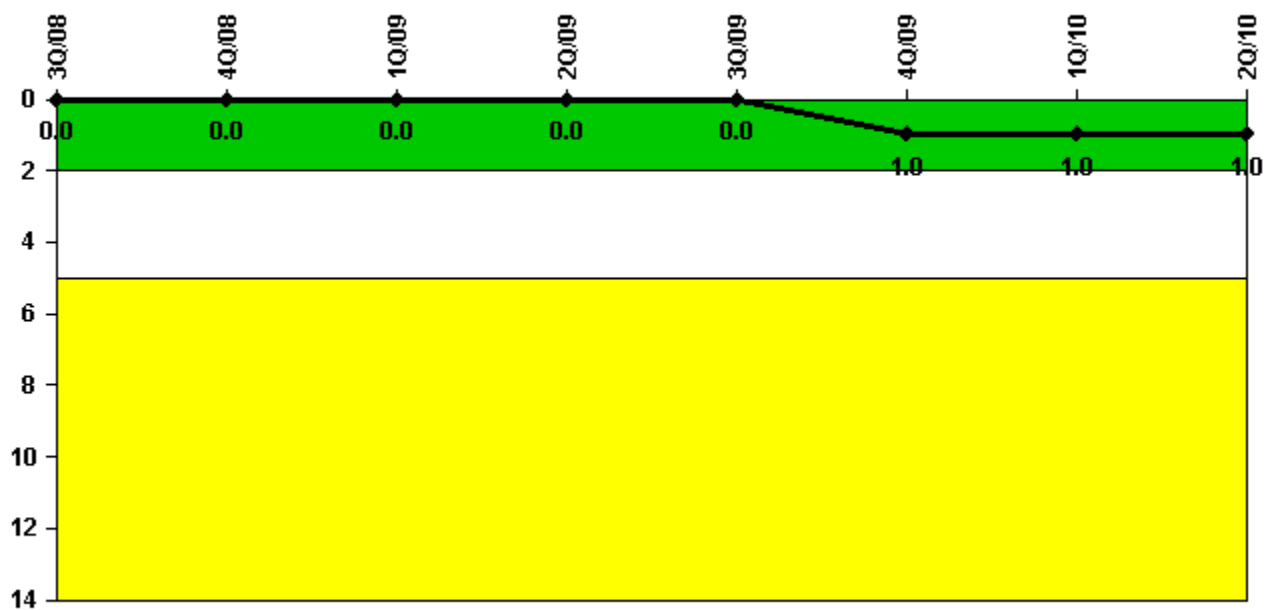
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Successful siren-tests	372	326	376	328	370	325	423	326
Total sirens-tests	376	329	376	329	376	329	423	329
Indicator value	99.7%	99.4%	99.5%	99.4%	99.3%	99.2%	99.2%	99.1%

Licensee Comments: none

Occupational Exposure Control Effectiveness



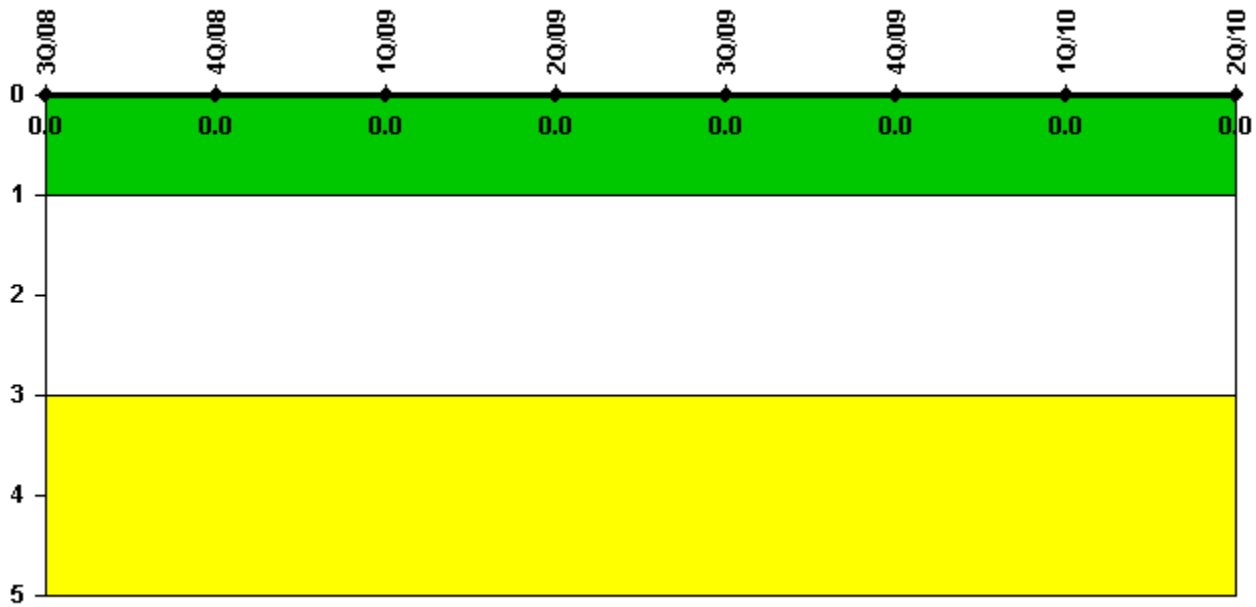
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
High radiation area occurrences	0	0	0	0	0	1	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	1	1	1

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/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

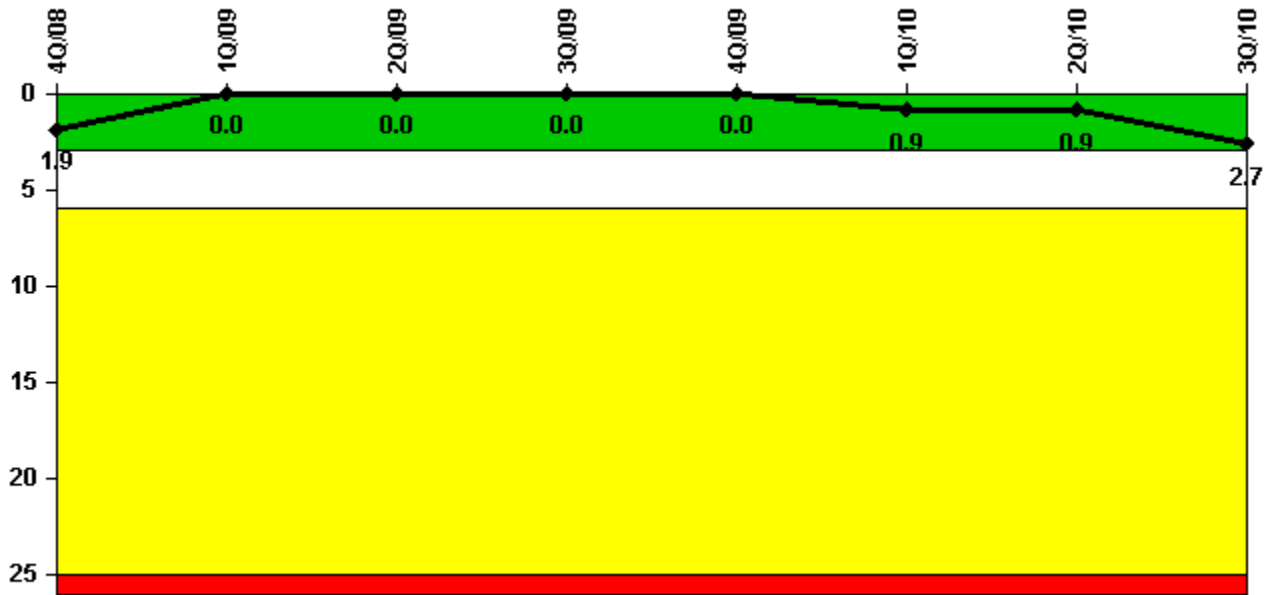
[Security](#) information not publicly available.

Turkey Point 4

3Q/2010 Performance Indicators

Licensee's General Comments: PI: IE01: Auto trip on 9/8/10 while maintenance was being performed on the 4B RPS Relay. The Unit auto tripped again on 9/21/10 due to RPS comparator module failure.

Unplanned Scrams per 7000 Critical Hrs



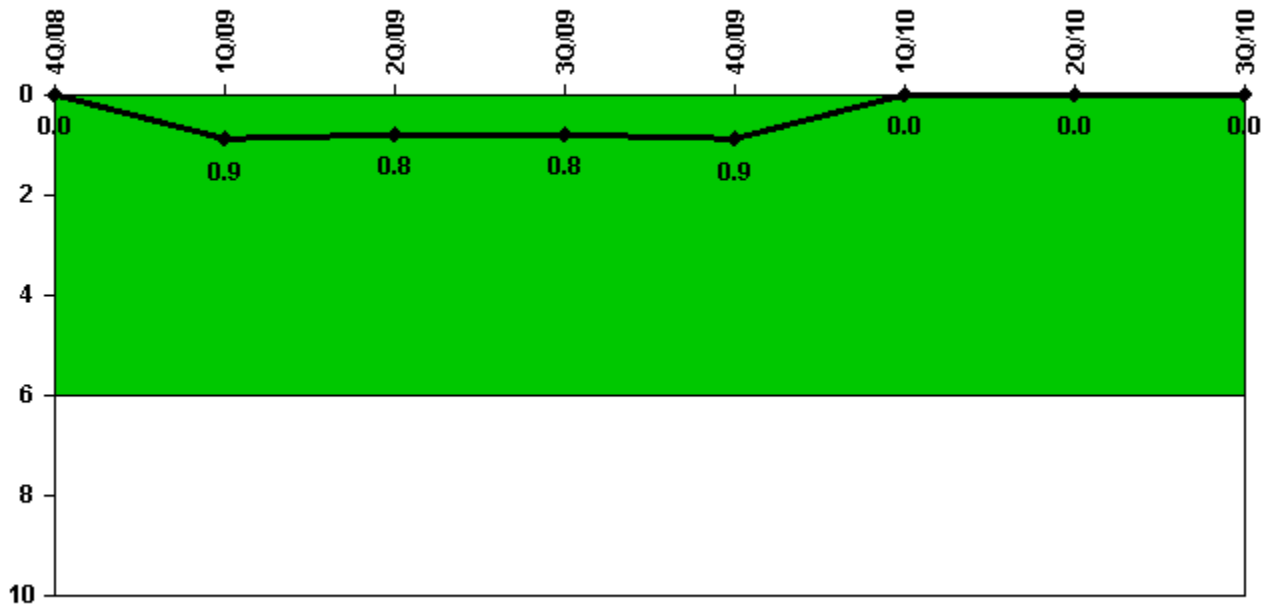
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Unplanned scrams	0	0	0	0	0	1.0	0	2.0
Critical hours	2144.4	2159.0	2184.0	2208.0	1305.6	2102.2	2184.0	2118.2
Indicator value	1.9	0	0	0	0	0.9	0.9	2.7

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



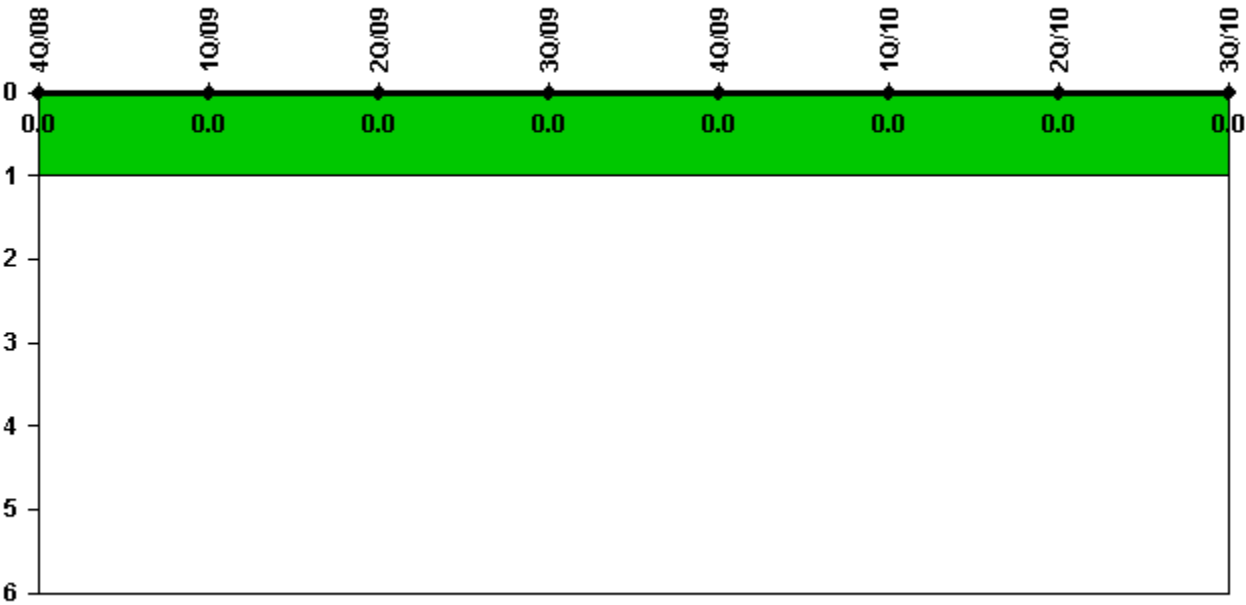
Thresholds: White > 6.0

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	1.0	0	0	0	0	0	0
Critical hours	2144.4	2159.0	2184.0	2208.0	1305.6	2102.2	2184.0	2118.2
Indicator value	0	0.9	0.8	0.8	0.9	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



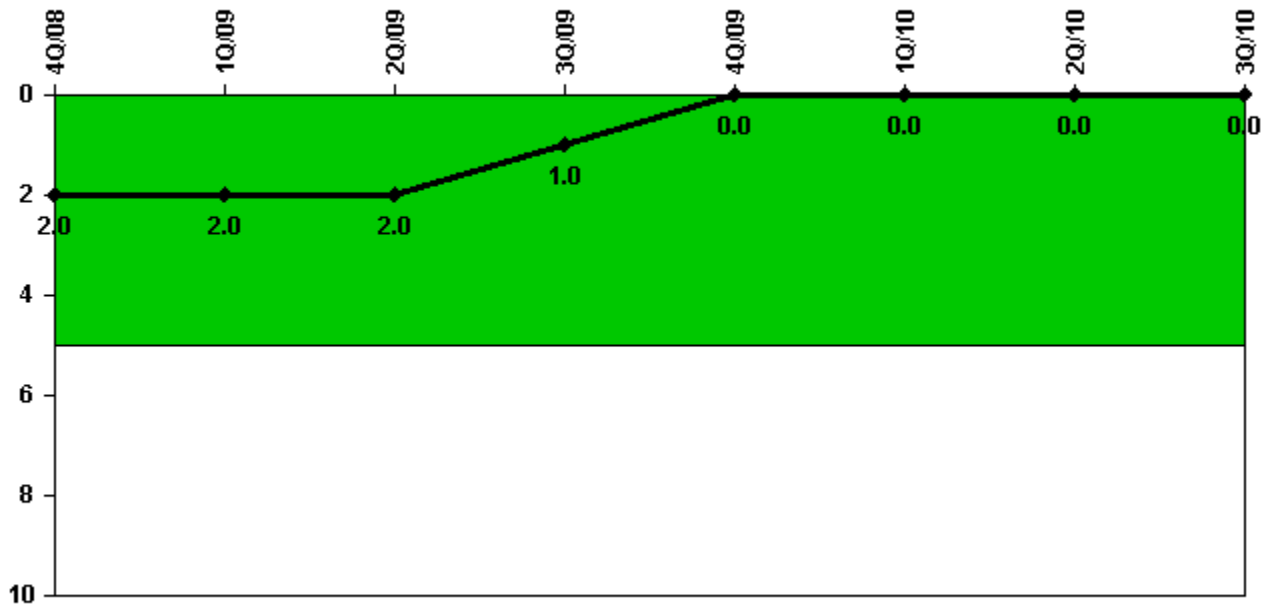
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



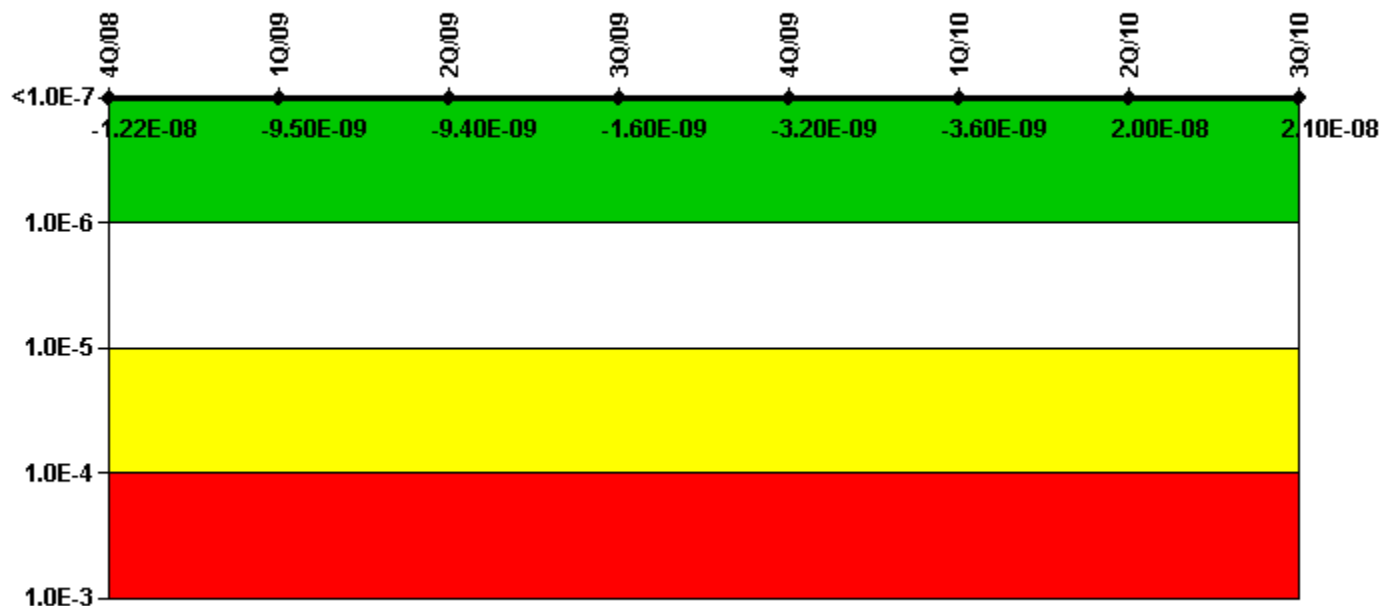
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Safety System Functional Failures	1	0	0	0	0	0	0	0
Indicator value	2	2	2	1	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



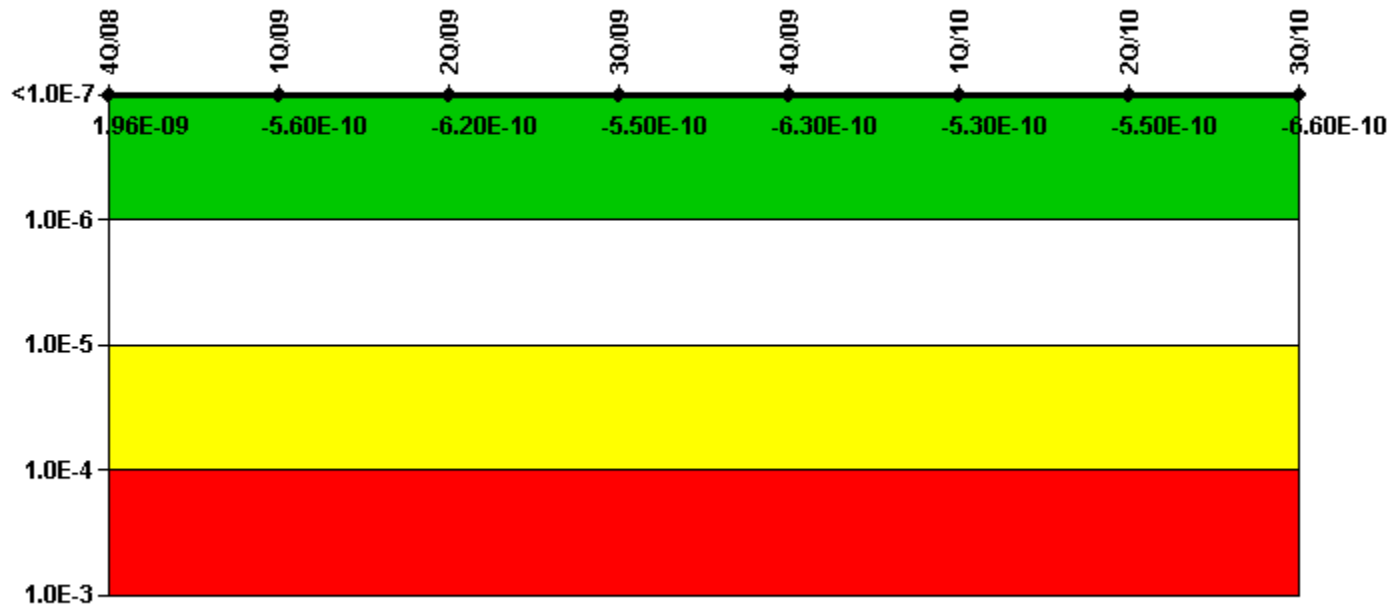
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (ΔCDF)	1.80E-09	4.50E-09	4.60E-09	4.90E-09	3.40E-09	3.42E-09	6.85E-09	6.79E-09
URI (ΔCDF)	-1.40E-08	-1.40E-08	-1.40E-08	-6.50E-09	-6.60E-09	-6.98E-09	1.34E-08	1.38E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.22E-08	-9.50E-09	-9.40E-09	-1.60E-09	-3.20E-09	-3.60E-09	2.00E-08	2.10E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



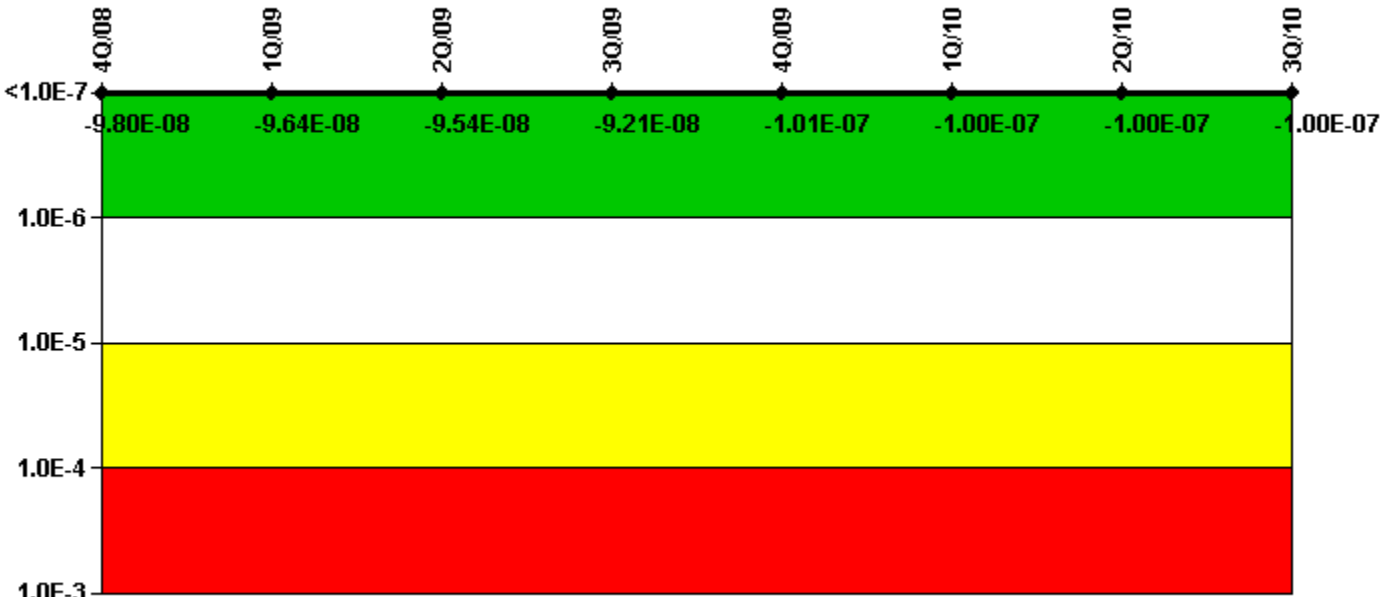
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (ΔCDF)	5.60E-10	5.40E-10	4.80E-10	5.50E-10	4.70E-10	5.51E-10	5.49E-10	4.41E-10
URI (ΔCDF)	1.40E-09	-1.10E-09	-1.10E-09	-1.10E-09	-1.10E-09	-1.08E-09	-1.10E-09	-1.10E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.96E-09	-5.60E-10	-6.20E-10	-5.50E-10	-6.30E-10	-5.30E-10	-5.50E-10	-6.60E-10

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



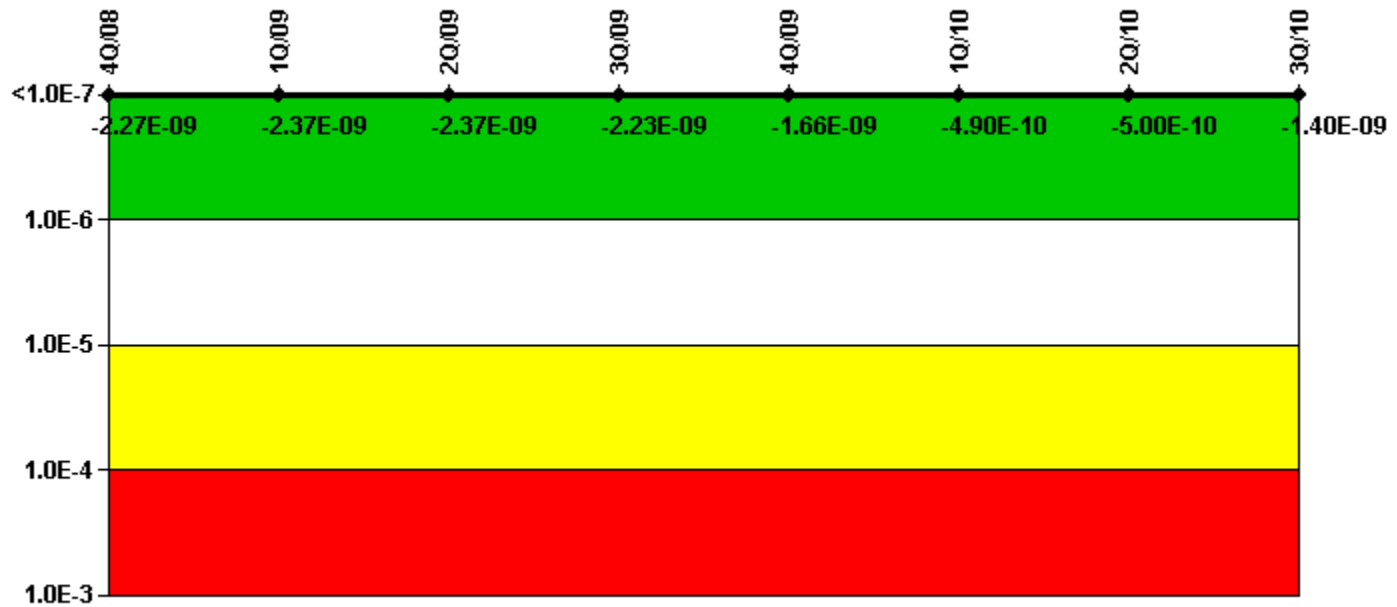
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (ΔCDF)	-2.50E-11	3.60E-09	4.60E-09	7.90E-09	9.00E-09	5.61E-09	4.69E-09	7.27E-09
URI (ΔCDF)	-9.80E-08	-1.00E-07	-1.00E-07	-1.00E-07	-1.10E-07	-1.07E-07	-1.08E-07	-1.10E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-9.80E-08	-9.64E-08	-9.54E-08	-9.21E-08	-1.01E-07	-1.00E-07	-1.00E-07	-1.00E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



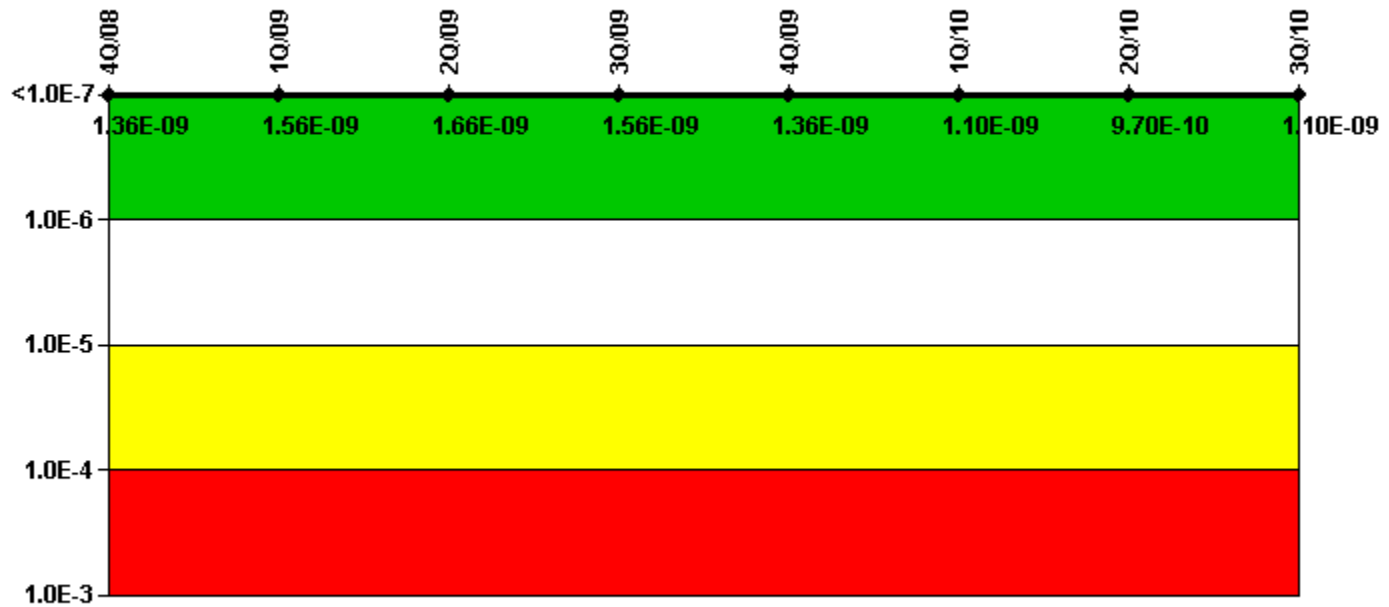
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (Δ CDF)	-4.70E-10	-4.70E-10	-4.70E-10	-2.30E-10	1.40E-10	1.34E-09	1.38E-09	4.83E-10
URI (Δ CDF)	-1.80E-09	-1.90E-09	-1.90E-09	-2.00E-09	-1.80E-09	-1.83E-09	-1.88E-09	-1.86E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.27E-09	-2.37E-09	-2.37E-09	-2.23E-09	-1.66E-09	-4.90E-10	-5.00E-10	-1.40E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



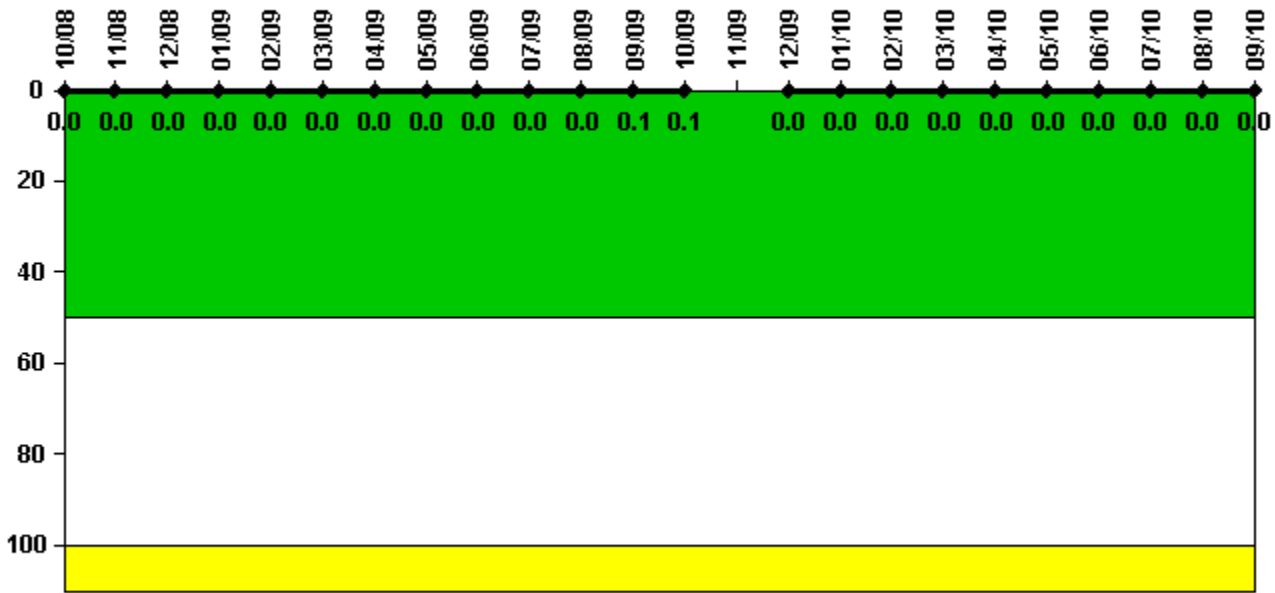
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (ΔCDF)	1.30E-09	1.50E-09	1.60E-09	1.50E-09	1.30E-09	1.04E-09	9.13E-10	1.05E-09
URI (ΔCDF)	6.20E-11	6.10E-11	6.00E-11	5.90E-11	6.10E-11	6.11E-11	6.06E-11	5.98E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.36E-09	1.56E-09	1.66E-09	1.56E-09	1.36E-09	1.10E-09	9.70E-10	1.10E-09

Licensee Comments: none

Reactor Coolant System Activity



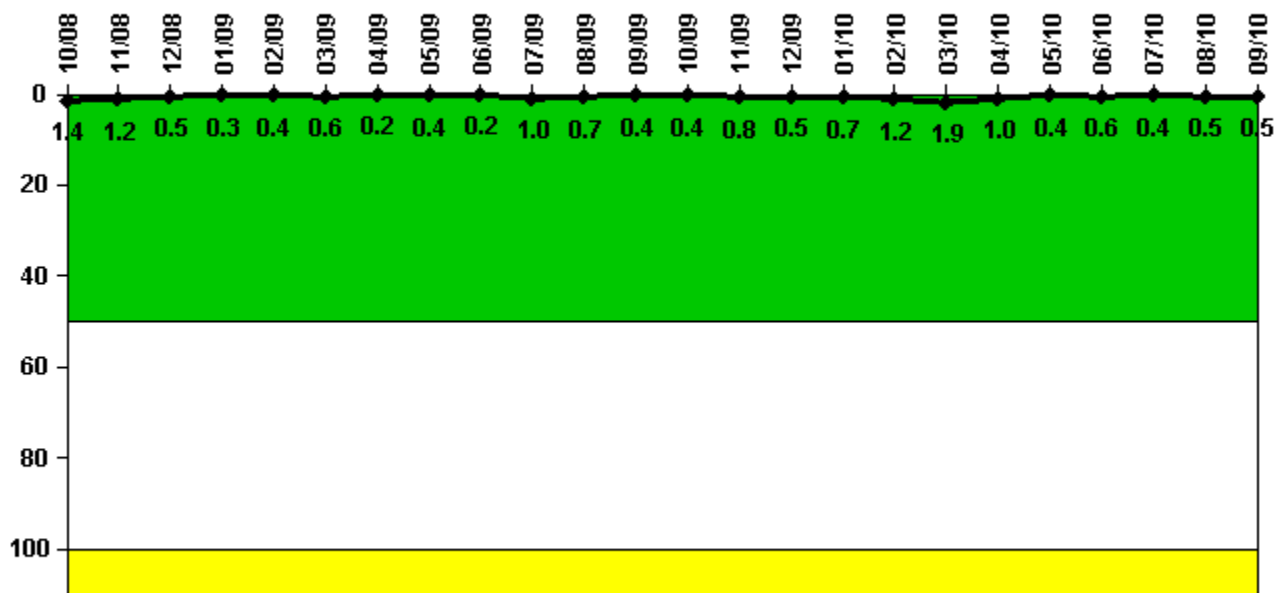
Thresholds: White > 50.0 Yellow > 100.0

Notes

[illegible]

Licensee Comments: none

Reactor Coolant System Leakage



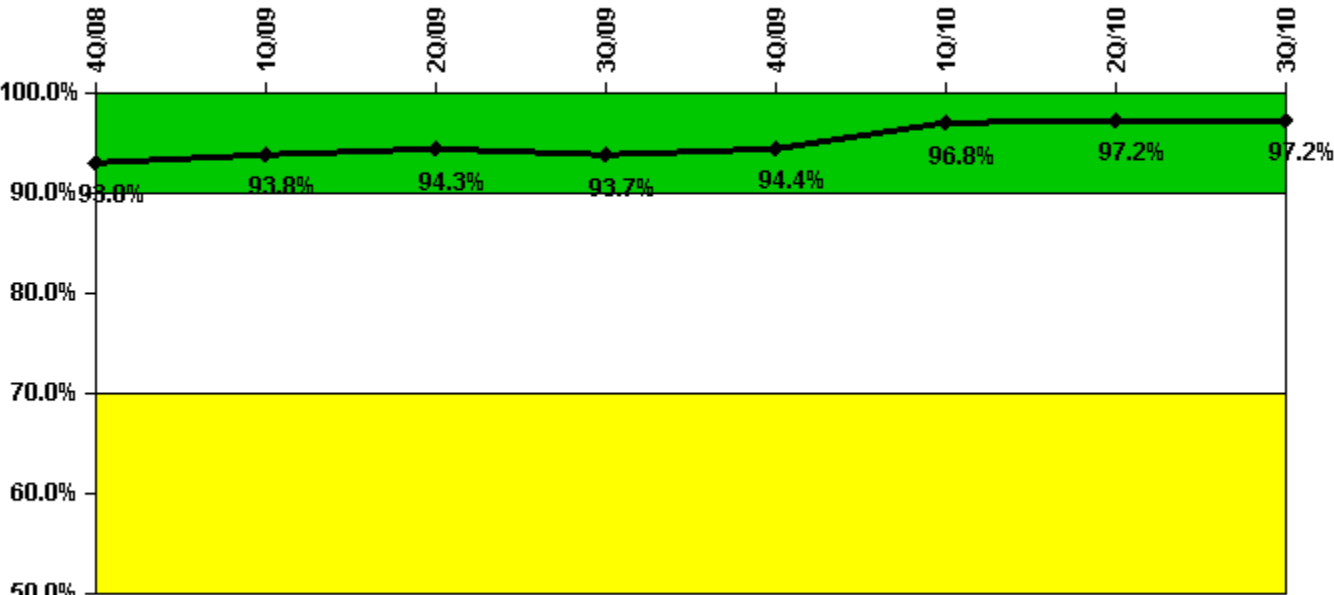
Thresholds: White > 50.0 Yellow > 100.0

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	0.140	0.120	0.050	0.030	0.040	0.060	0.020	0.040	0.020	0.100	0.070	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.4	1.2	0.5	0.3	0.4	0.6	0.2	0.4	0.2	1.0	0.7	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	0.040	0.080	0.050	0.070	0.120	0.190	0.100	0.040	0.060	0.040	0.050	0.050
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.8	0.5	0.7	1.2	1.9	1.0	0.4	0.6	0.4	0.5	0.5

Licensee Comments: none

Drill/Exercise Performance



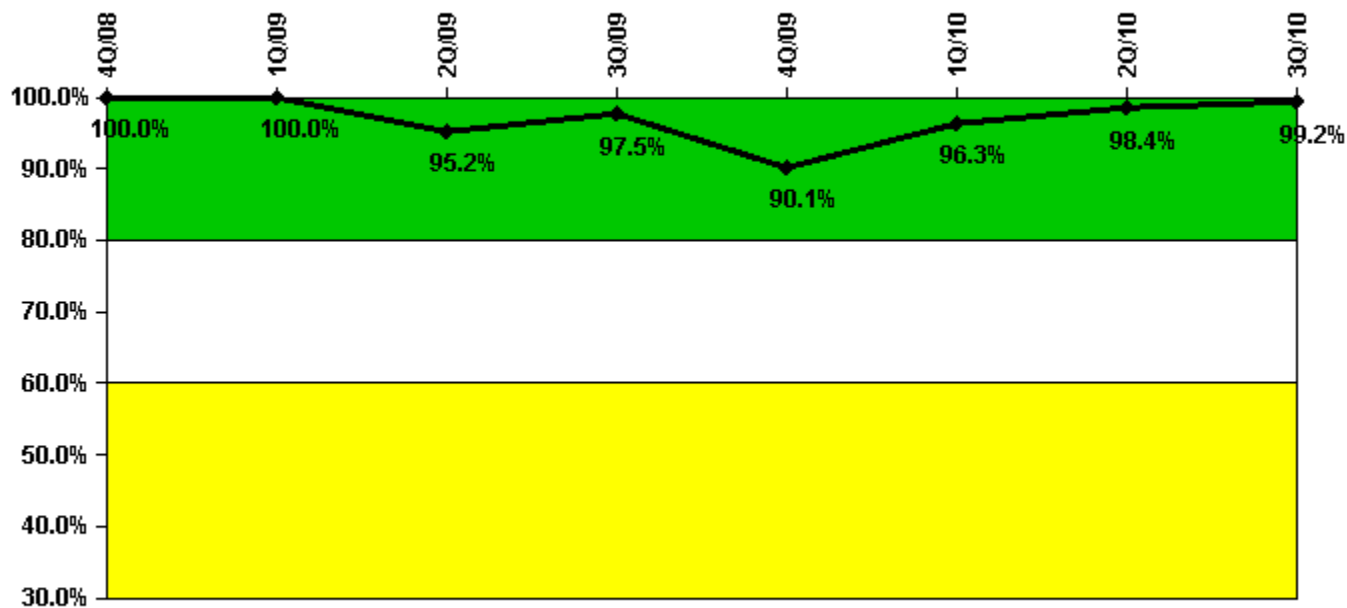
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Successful opportunities	38.0	68.0	44.0	29.0	42.0	87.0	21.0	18.0
Total opportunities	41.0	72.0	44.0	31.0	42.0	88.0	21.0	18.0
Indicator value	93.0%	93.8%	94.3%	93.7%	94.4%	96.8%	97.2%	97.2%

Licensee Comments: none

ERO Drill Participation



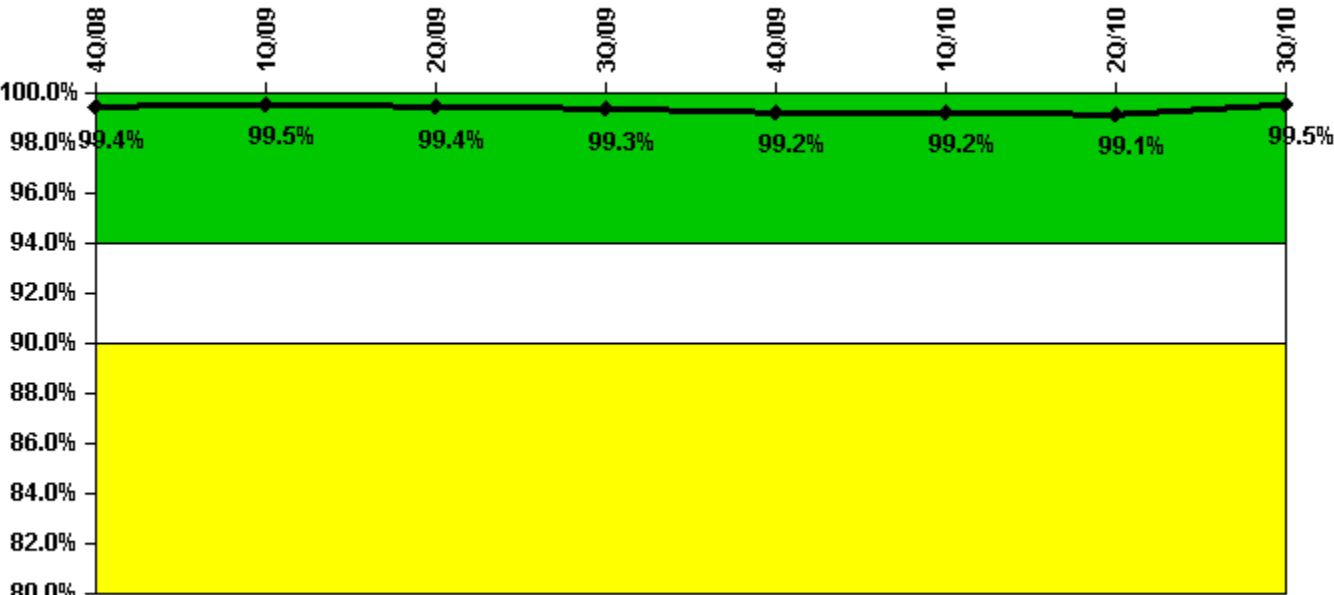
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Participating Key personnel	85.0	81.0	80.0	116.0	118.0	131.0	124.0	126.0
Total Key personnel	85.0	81.0	84.0	119.0	131.0	136.0	126.0	127.0
Indicator value	100.0%	100.0%	95.2%	97.5%	90.1%	96.3%	98.4%	99.2%

Licensee Comments: none

Alert & Notification System



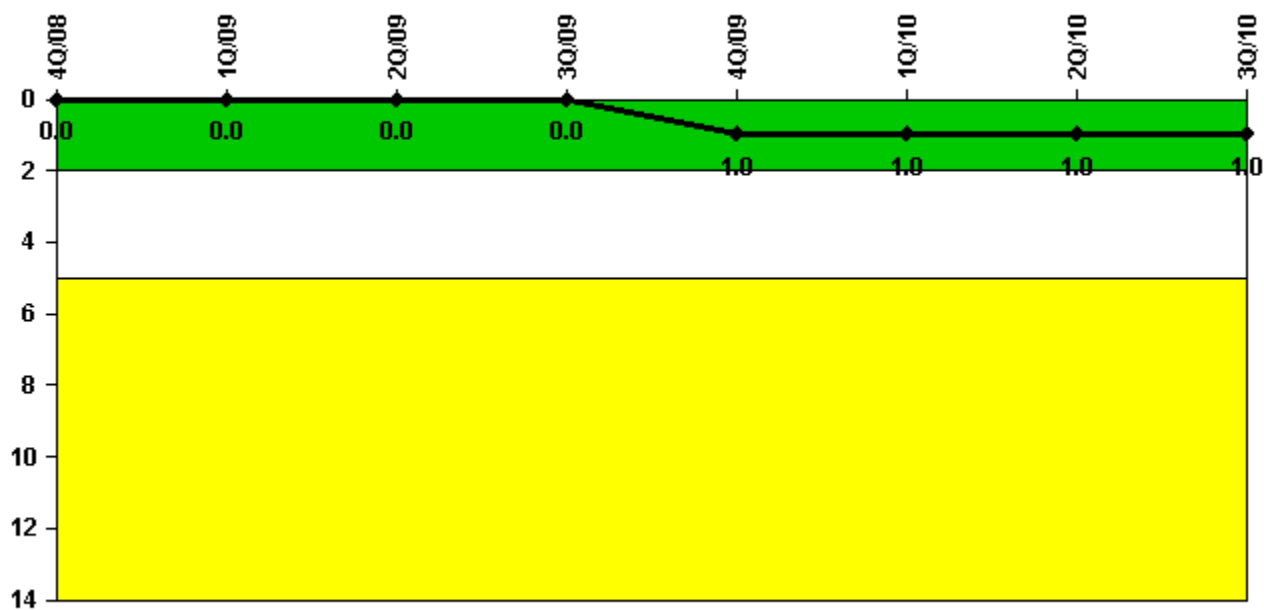
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Successful siren-tests	326	376	328	370	325	423	326	375
Total sirens-tests	329	376	329	376	329	423	329	376
Indicator value	99.4%	99.5%	99.4%	99.3%	99.2%	99.2%	99.1%	99.5%

Licensee Comments: none

Occupational Exposure Control Effectiveness



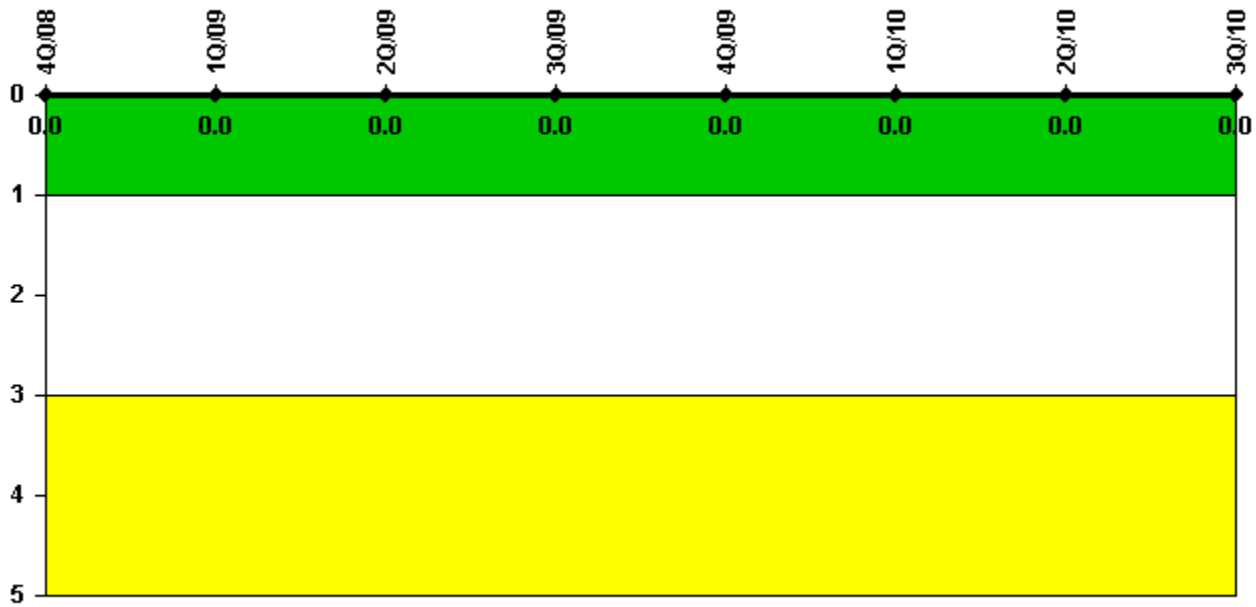
Thresholds: White > 2.0 Yellow > 5.0

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

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/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

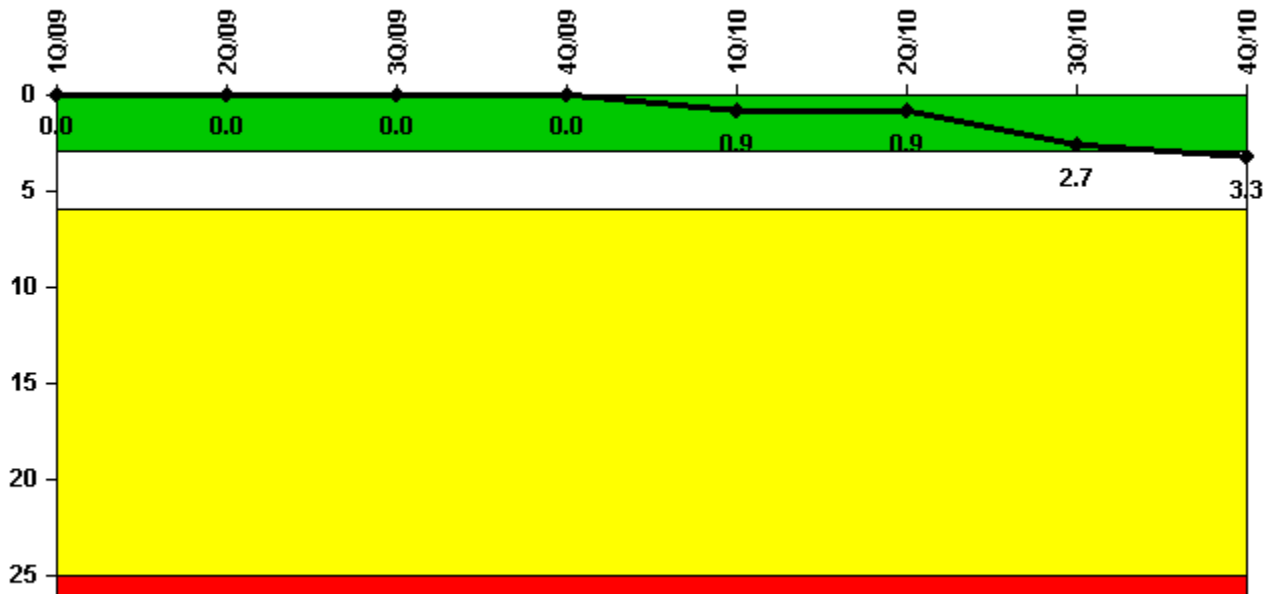
[Security](#) information not publicly available.

Turkey Point 4

4Q/2010 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



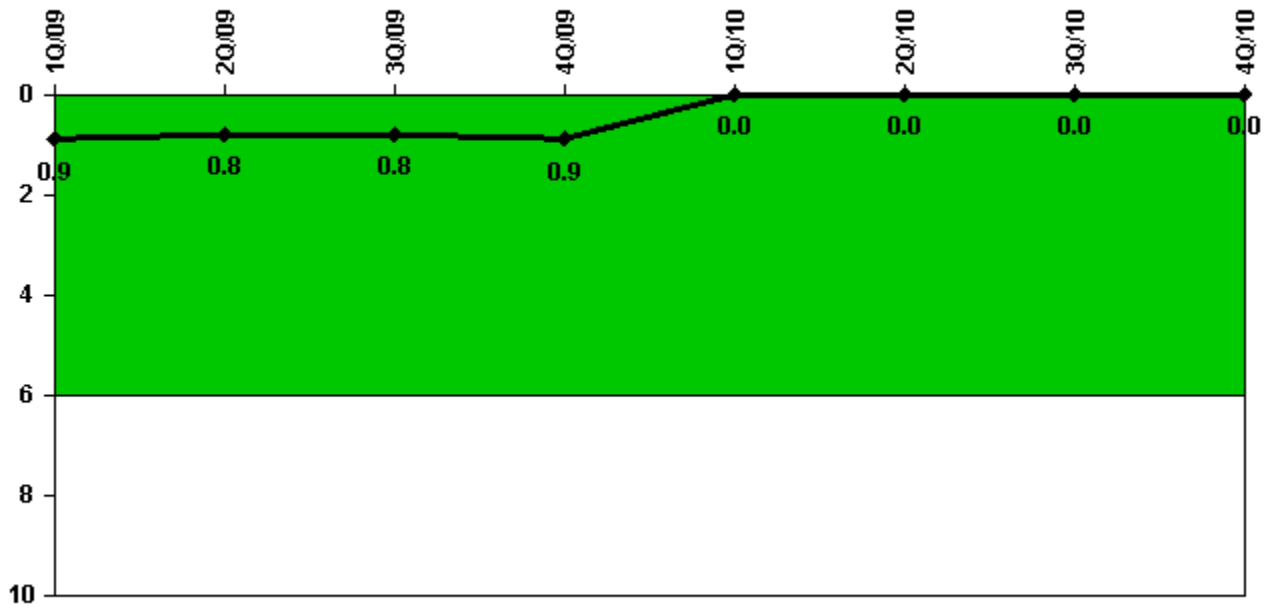
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	2.0	1.0
Critical hours	2159.0	2184.0	2208.0	1305.6	2102.2	2184.0	2118.2	2036.2
Indicator value	0	0	0	0	0.9	0.9	2.7	3.3

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



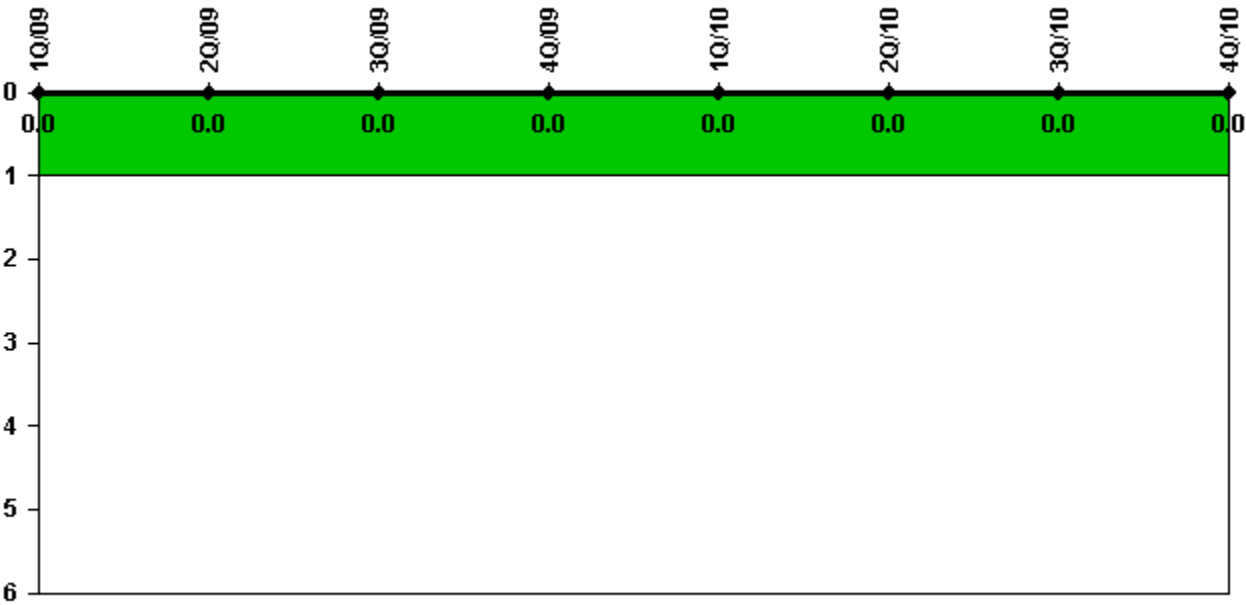
Thresholds: White > 6.0

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	1.0	0	0	0	0	0	0	0
Critical hours	2159.0	2184.0	2208.0	1305.6	2102.2	2184.0	2118.2	2036.2
Indicator value	0.9	0.8	0.8	0.9	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



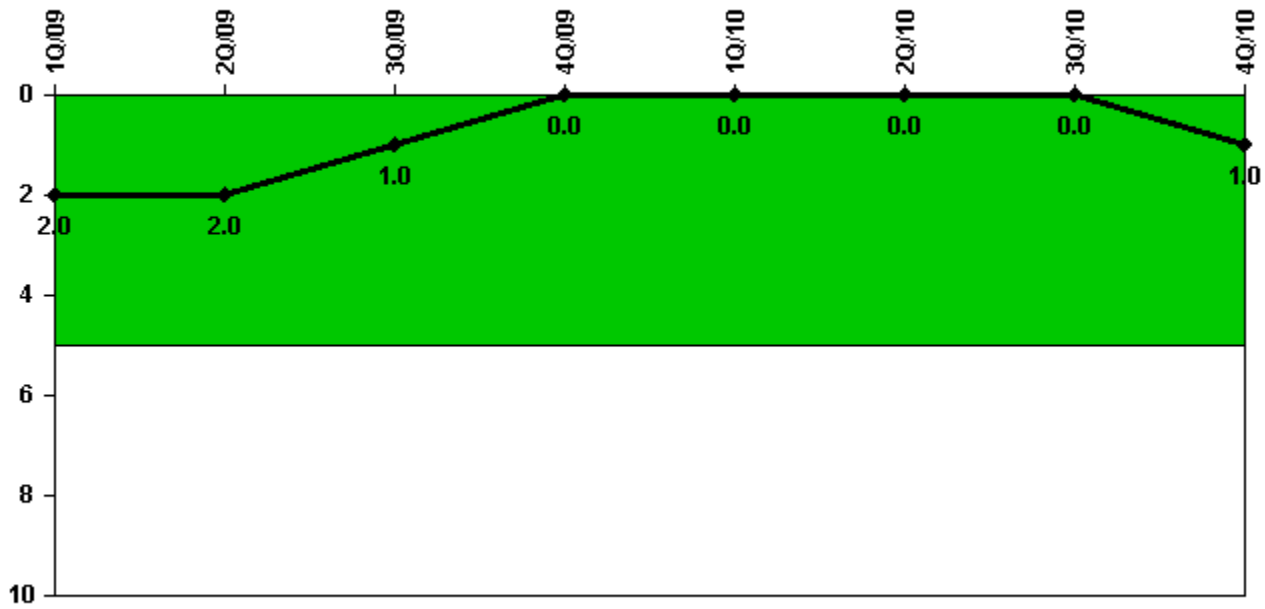
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



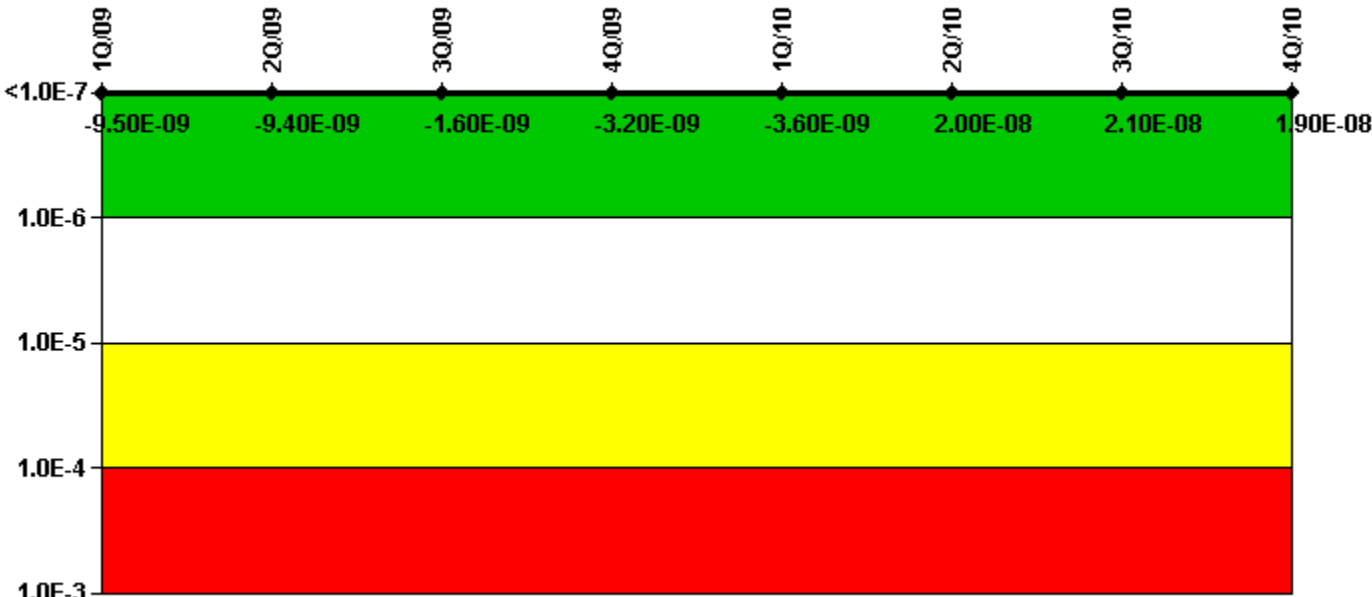
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Safety System Functional Failures	0	0	0	0	0	0	0	1
Indicator value	2	2	1	0	0	0	0	1

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



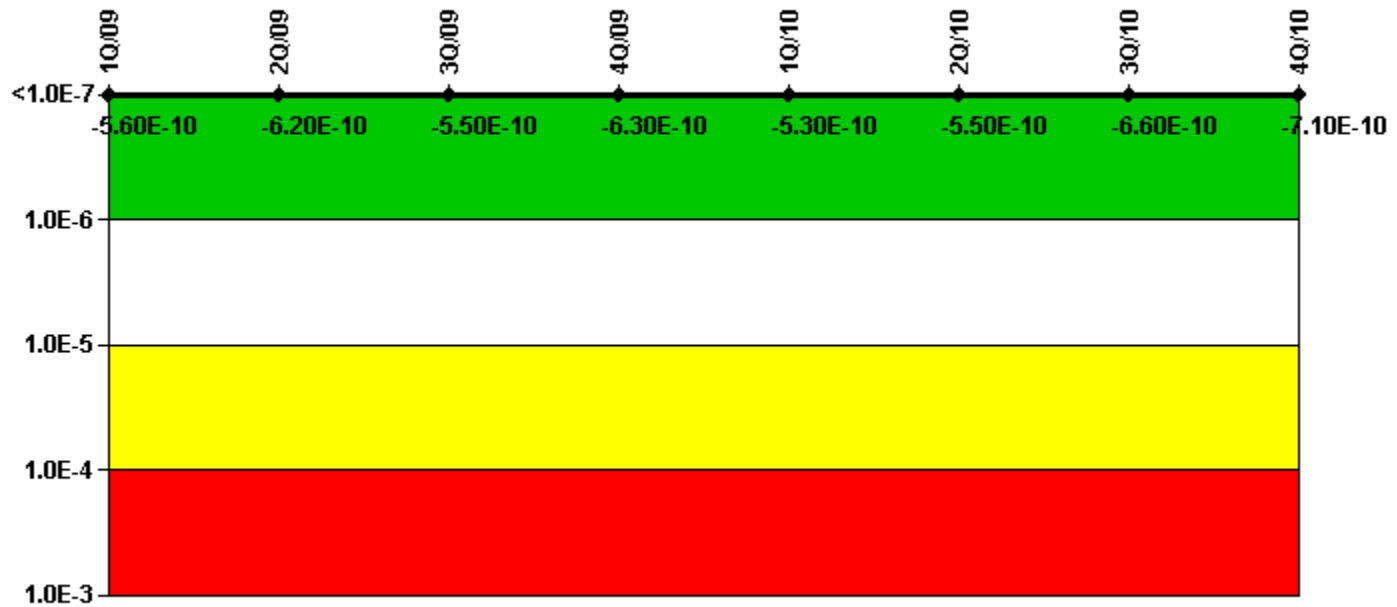
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (ΔCDF)	4.50E-09	4.60E-09	4.90E-09	3.40E-09	3.42E-09	6.85E-09	6.79E-09	5.00E-09
URI (ΔCDF)	-1.40E-08	-1.40E-08	-6.50E-09	-6.60E-09	-6.98E-09	1.34E-08	1.38E-08	1.38E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-9.50E-09	-9.40E-09	-1.60E-09	-3.20E-09	-3.60E-09	2.00E-08	2.10E-08	1.90E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



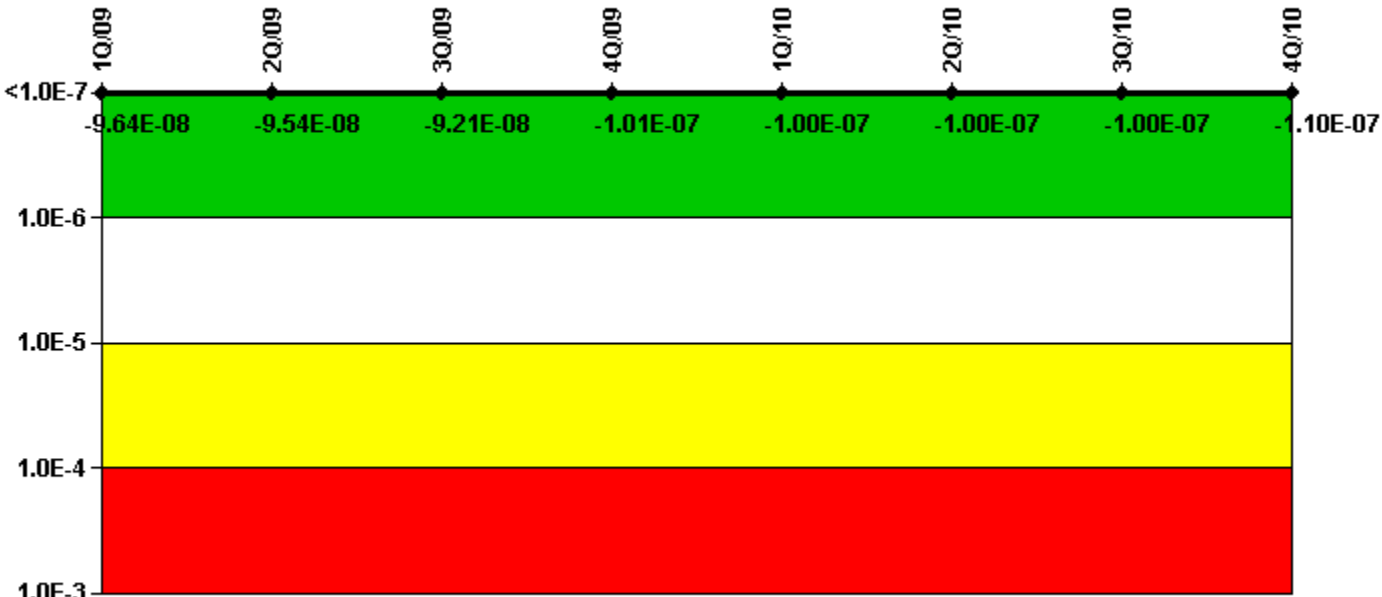
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (ΔCDF)	5.40E-10	4.80E-10	5.50E-10	4.70E-10	5.51E-10	5.49E-10	4.41E-10	3.80E-10
URI (ΔCDF)	-1.10E-09	-1.10E-09	-1.10E-09	-1.10E-09	-1.08E-09	-1.10E-09	-1.10E-09	-1.09E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.60E-10	-6.20E-10	-5.50E-10	-6.30E-10	-5.30E-10	-5.50E-10	-6.60E-10	-7.10E-10

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



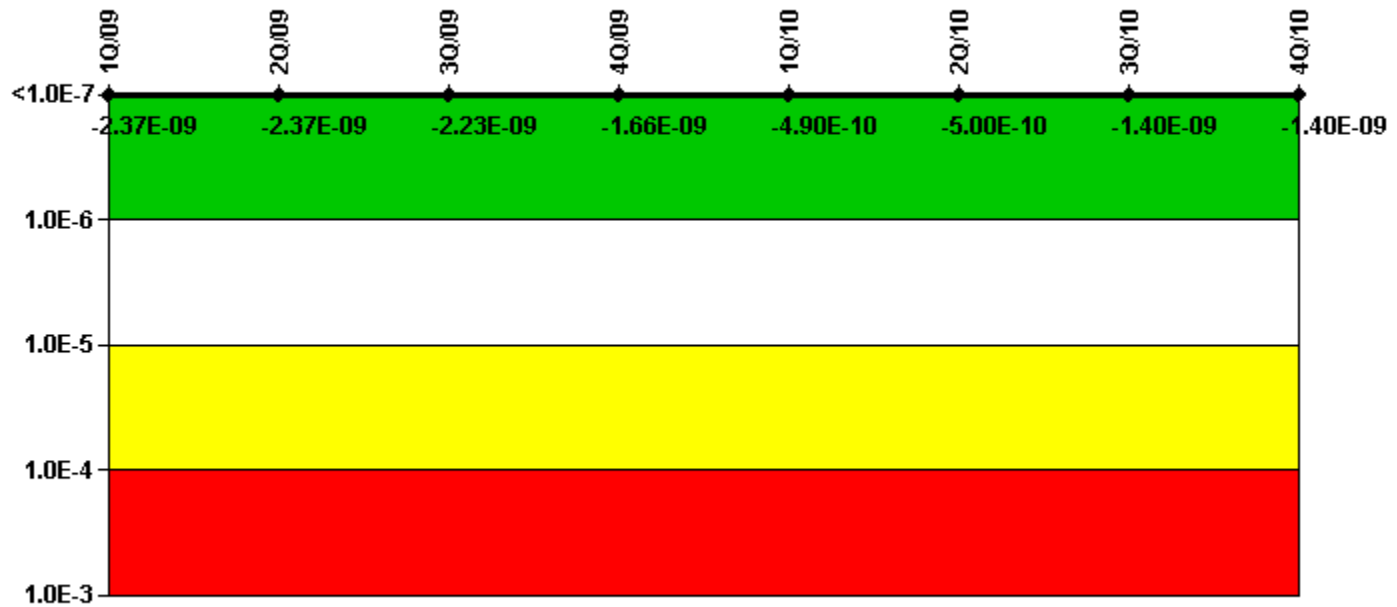
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (ΔCDF)	3.60E-09	4.60E-09	7.90E-09	9.00E-09	5.61E-09	4.69E-09	7.27E-09	5.10E-09
URI (ΔCDF)	-1.00E-07	-1.00E-07	-1.00E-07	-1.10E-07	-1.07E-07	-1.08E-07	-1.10E-07	-1.12E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-9.64E-08	-9.54E-08	-9.21E-08	-1.01E-07	-1.00E-07	-1.00E-07	-1.00E-07	-1.10E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



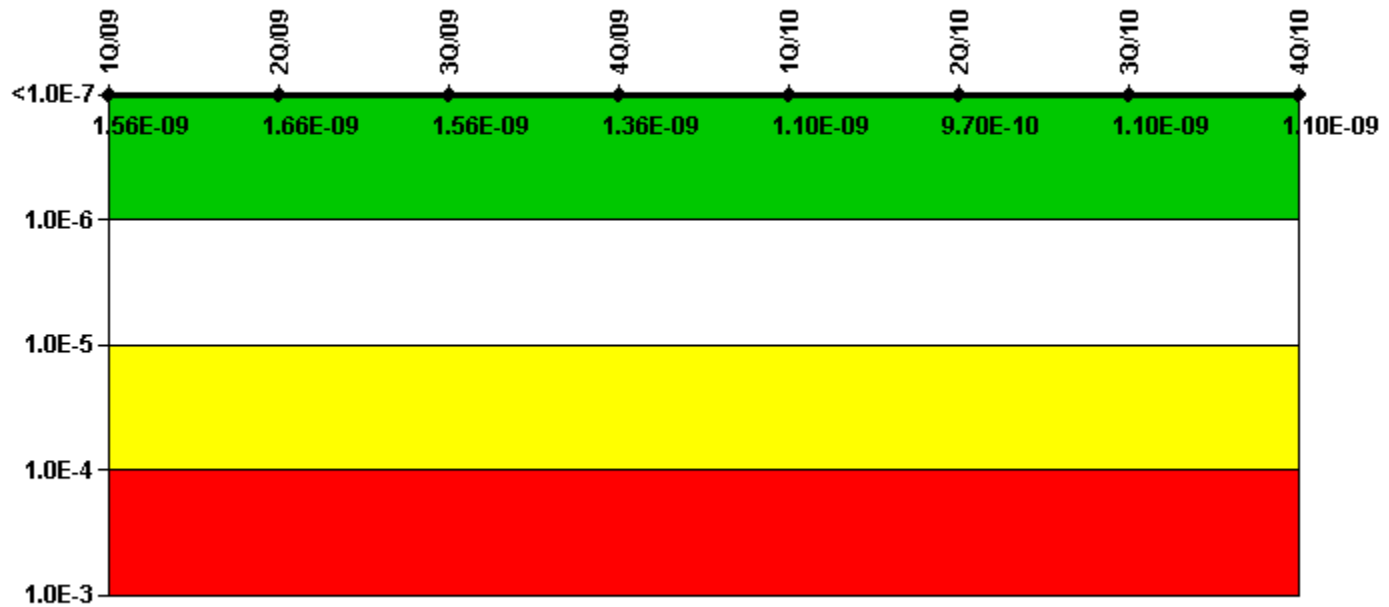
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (ΔCDF)	-4.70E-10	-4.70E-10	-2.30E-10	1.40E-10	1.34E-09	1.38E-09	4.83E-10	4.99E-10
URI (ΔCDF)	-1.90E-09	-1.90E-09	-2.00E-09	-1.80E-09	-1.83E-09	-1.88E-09	-1.86E-09	-1.86E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.37E-09	-2.37E-09	-2.23E-09	-1.66E-09	-4.90E-10	-5.00E-10	-1.40E-09	-1.40E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



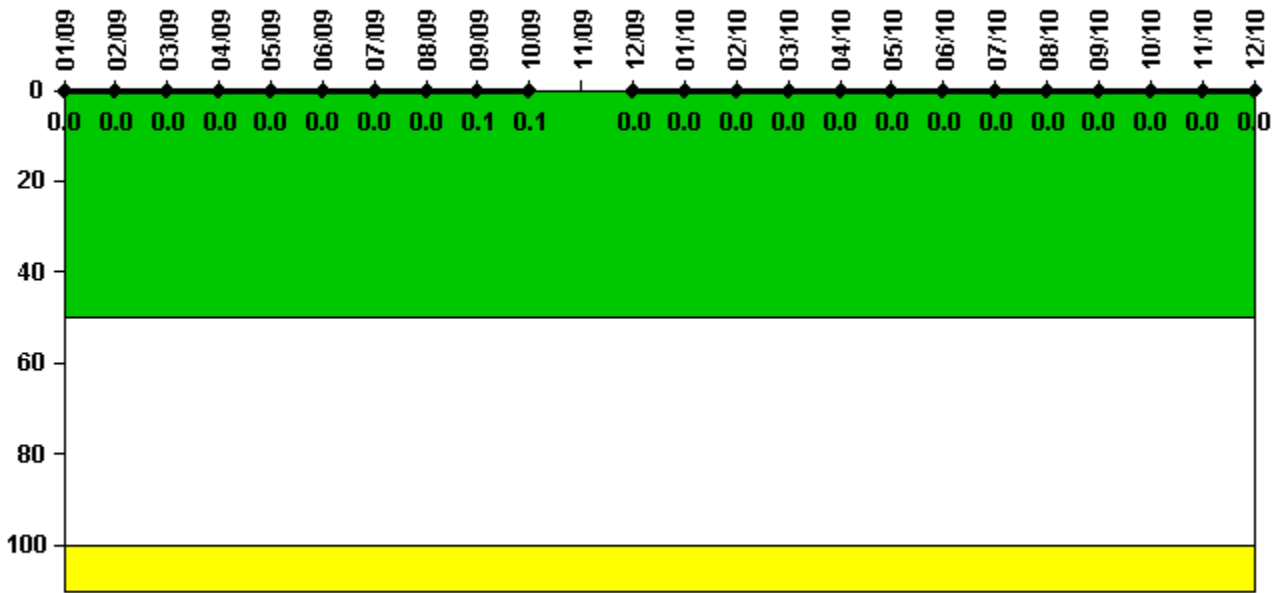
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (ΔCDF)	1.50E-09	1.60E-09	1.50E-09	1.30E-09	1.04E-09	9.13E-10	1.05E-09	9.90E-10
URI (ΔCDF)	6.10E-11	6.00E-11	5.90E-11	6.10E-11	6.11E-11	6.06E-11	5.98E-11	5.98E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.56E-09	1.66E-09	1.56E-09	1.36E-09	1.10E-09	9.70E-10	1.10E-09	1.10E-09

Licensee Comments: none

Reactor Coolant System Activity



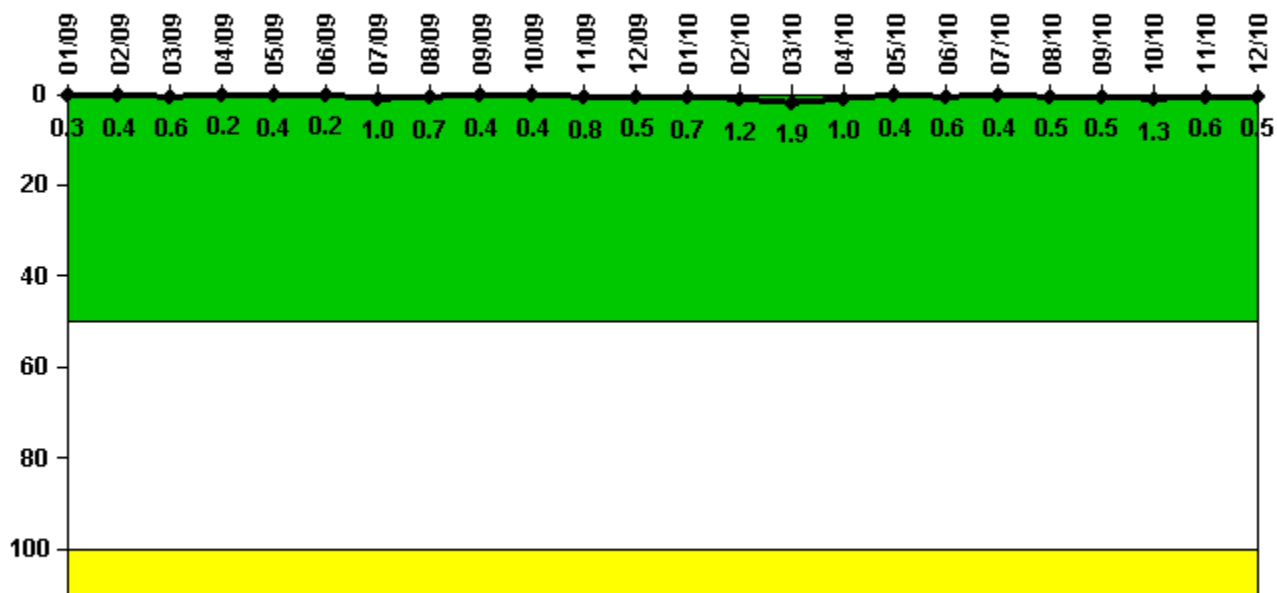
Thresholds: White > 50.0 Yellow > 100.0

Notes

[illegible]

Licensee Comments: none

Reactor Coolant System Leakage



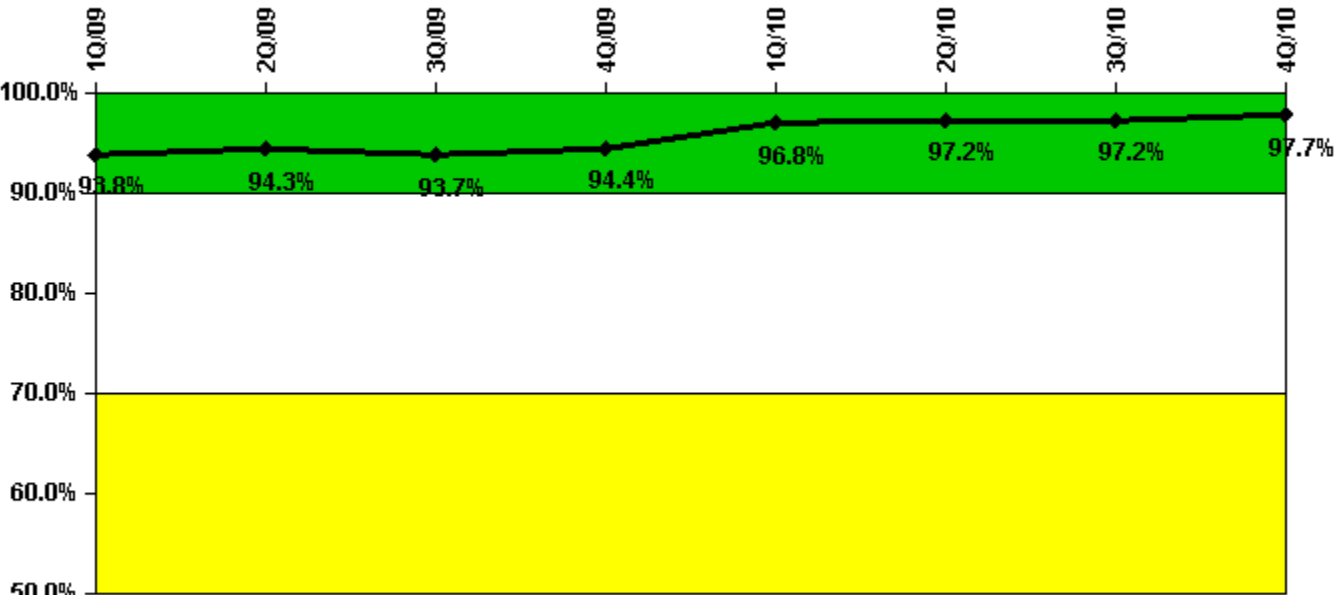
Thresholds: White > 50.0 Yellow > 100.0

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	0.030	0.040	0.060	0.020	0.040	0.020	0.100	0.070	0.040	0.040	0.080	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	0.3	0.4	0.6	0.2	0.4	0.2	1.0	0.7	0.4	0.4	0.8	0.5
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	0.070	0.120	0.190	0.100	0.040	0.060	0.040	0.050	0.050	0.130	0.060	0.050
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.7	1.2	1.9	1.0	0.4	0.6	0.4	0.5	0.5	1.3	0.6	0.5

Licensee Comments: none

Drill/Exercise Performance



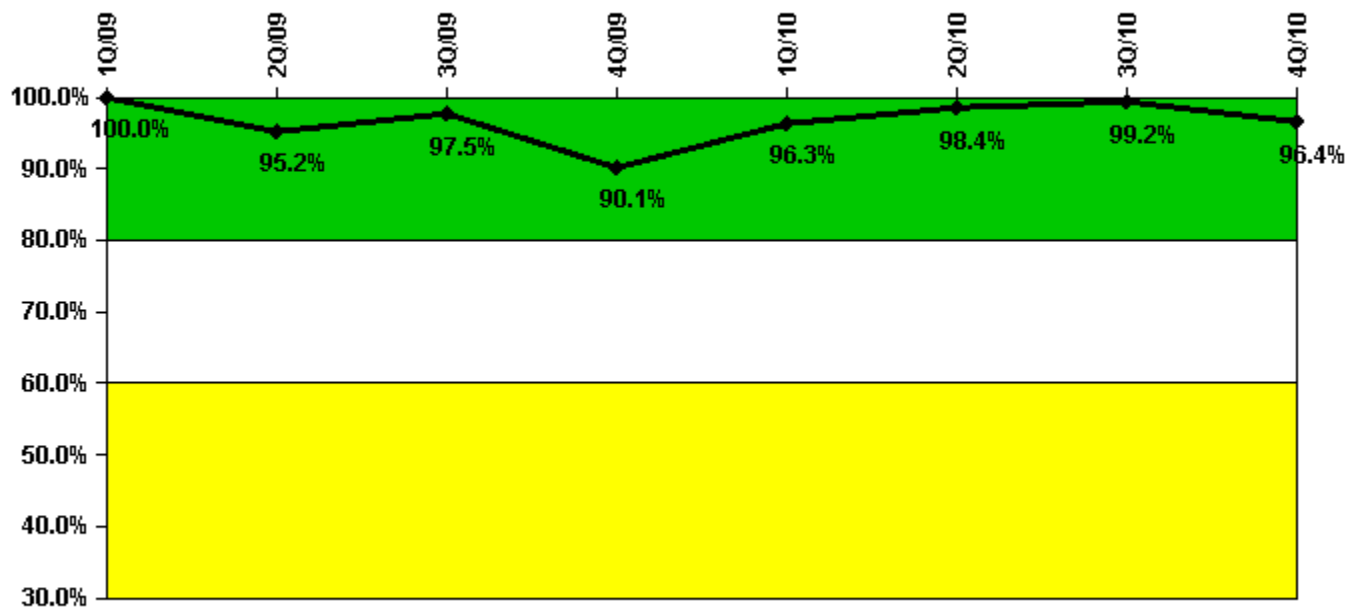
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Successful opportunities	68.0	44.0	29.0	42.0	87.0	21.0	18.0	35.0
Total opportunities	72.0	44.0	31.0	42.0	88.0	21.0	18.0	36.0
Indicator value	93.8%	94.3%	93.7%	94.4%	96.8%	97.2%	97.2%	97.7%

Licensee Comments: none

ERO Drill Participation



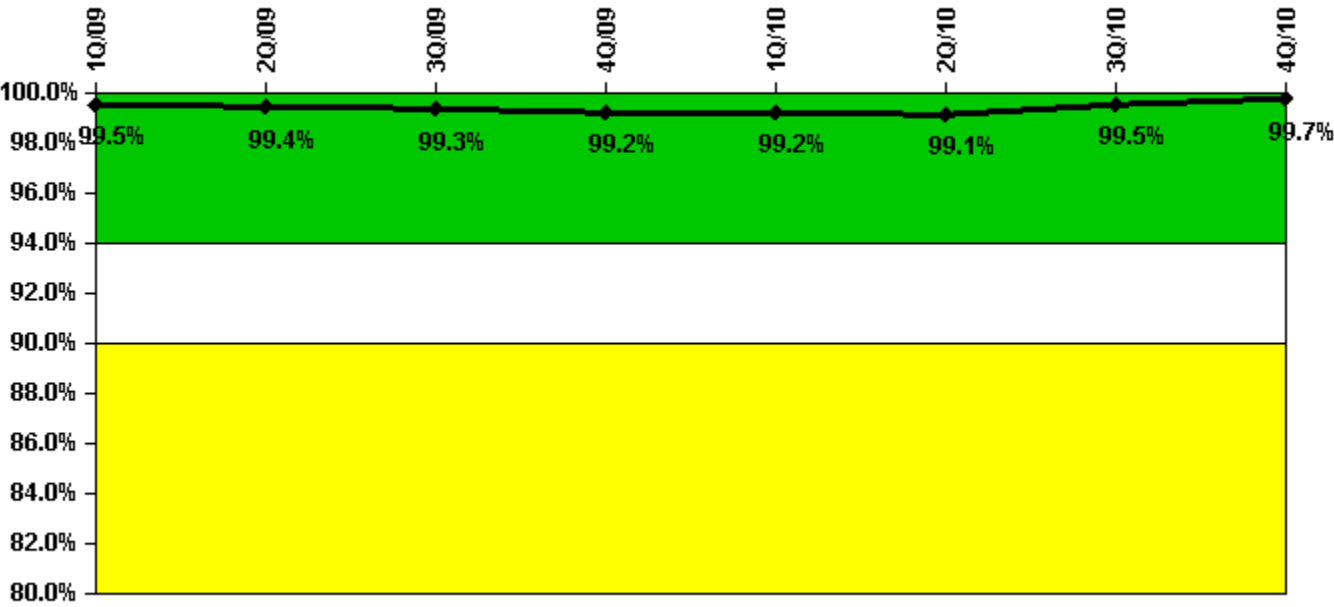
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Participating Key personnel	81.0	80.0	116.0	118.0	131.0	124.0	126.0	135.0
Total Key personnel	81.0	84.0	119.0	131.0	136.0	126.0	127.0	140.0
Indicator value	100.0%	95.2%	97.5%	90.1%	96.3%	98.4%	99.2%	96.4%

Licensee Comments: none

Alert & Notification System



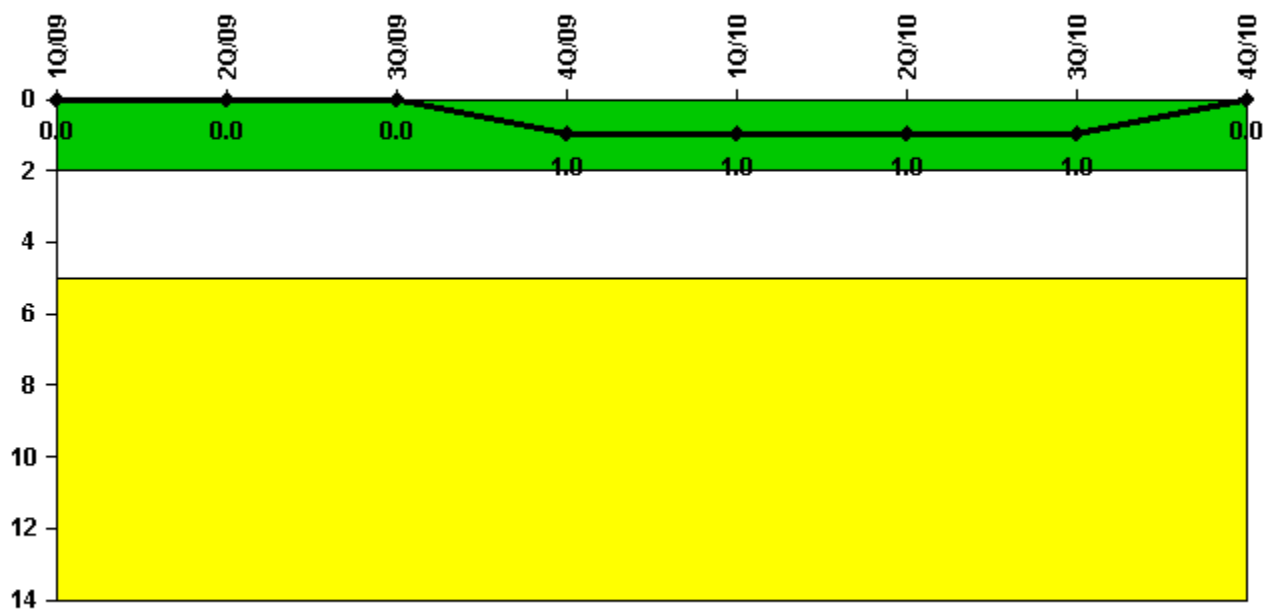
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Successful siren-tests	376	328	370	325	423	326	375	329
Total sirens-tests	376	329	376	329	423	329	376	329
Indicator value	99.5%	99.4%	99.3%	99.2%	99.2%	99.1%	99.5%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



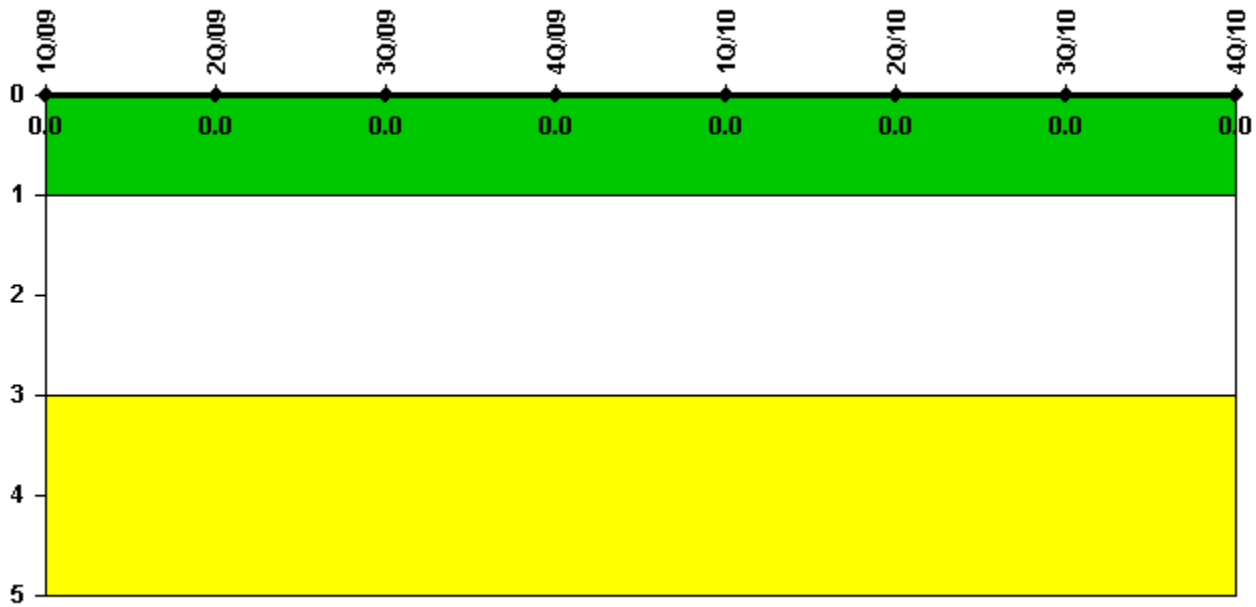
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
High radiation area occurrences	0	0	0	1	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	1	1	1	1	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	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

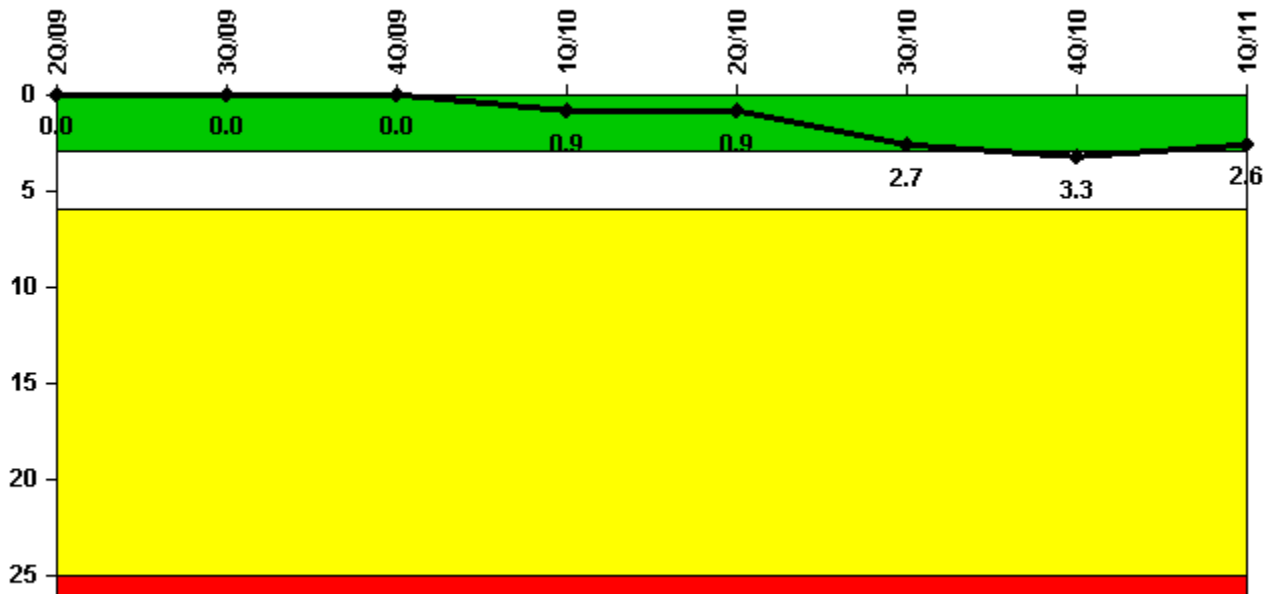
[Security](#) information not publicly available.

Turkey Point 4

1Q/2011 Performance Indicators

Licensee's General Comments: LER 251-2010-007-00, functional failure

Unplanned Scrams per 7000 Critical Hrs



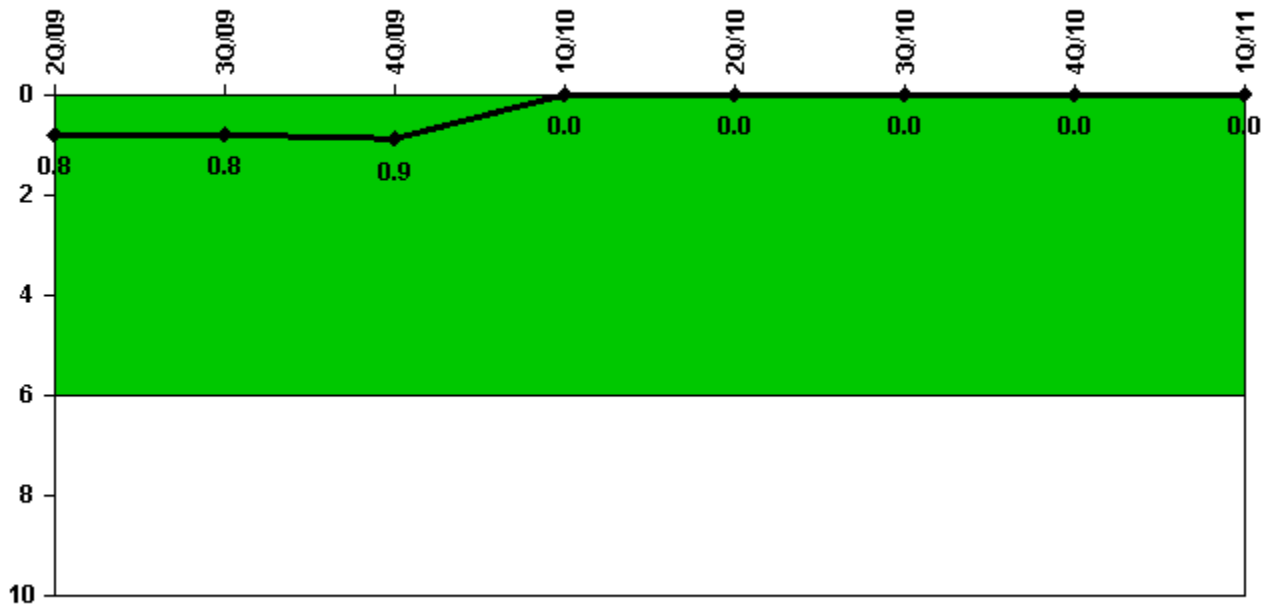
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	2.0	1.0	0
Critical hours	2184.0	2208.0	1305.6	2102.2	2184.0	2118.2	2036.2	1895.0
Indicator value	0	0	0	0.9	0.9	2.7	3.3	2.6

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



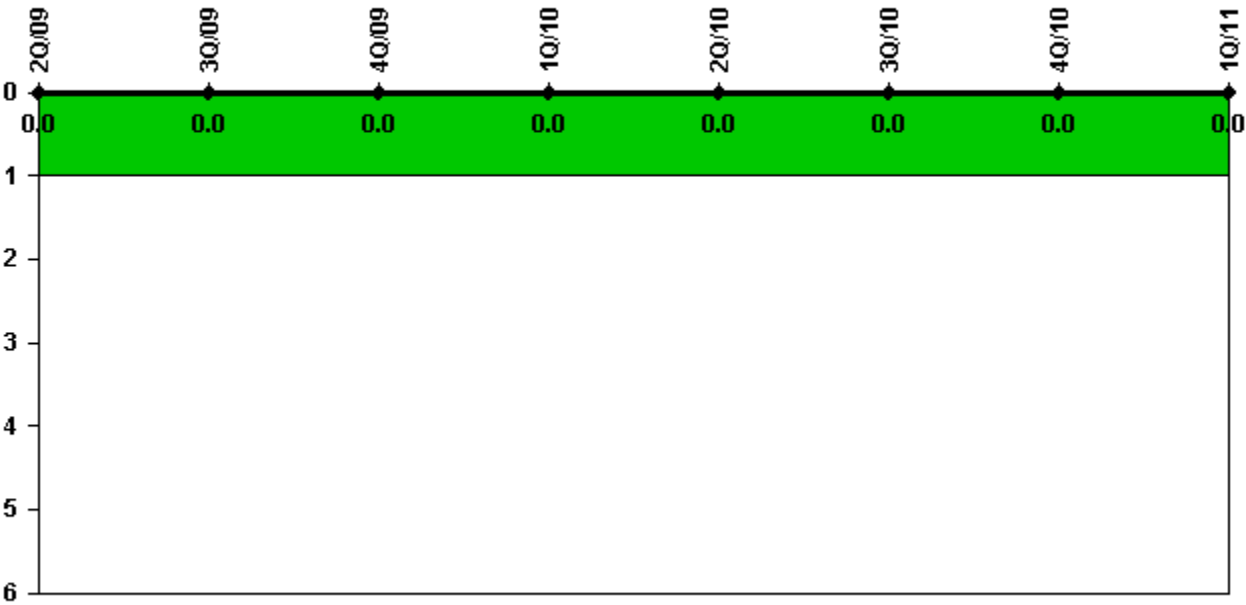
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2184.0	2208.0	1305.6	2102.2	2184.0	2118.2	2036.2	1895.0
Indicator value	0.8	0.8	0.9	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



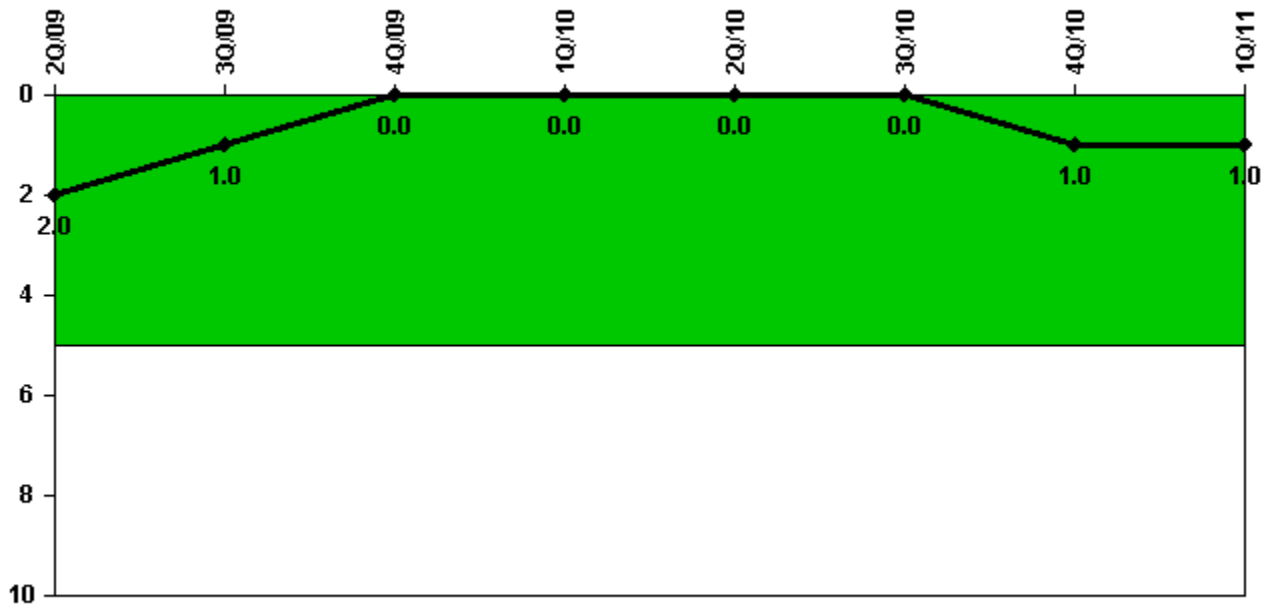
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



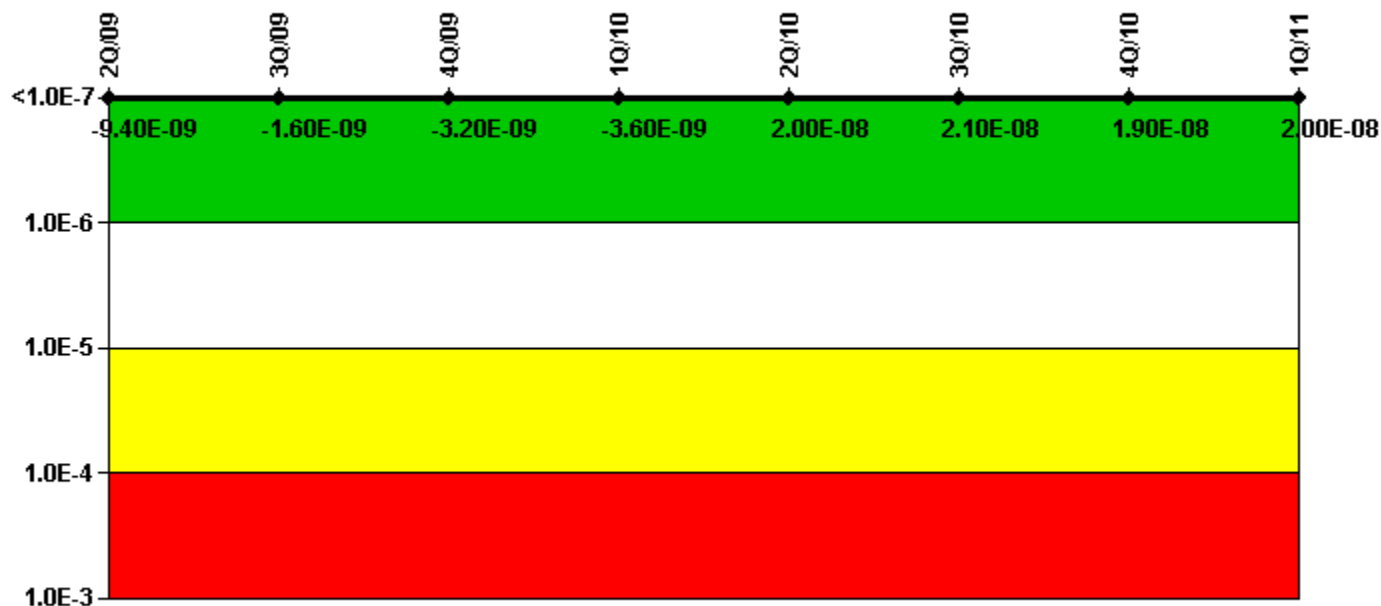
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Safety System Functional Failures	0	0	0	0	0	0	1	0
Indicator value	2	1	0	0	0	0	1	1

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



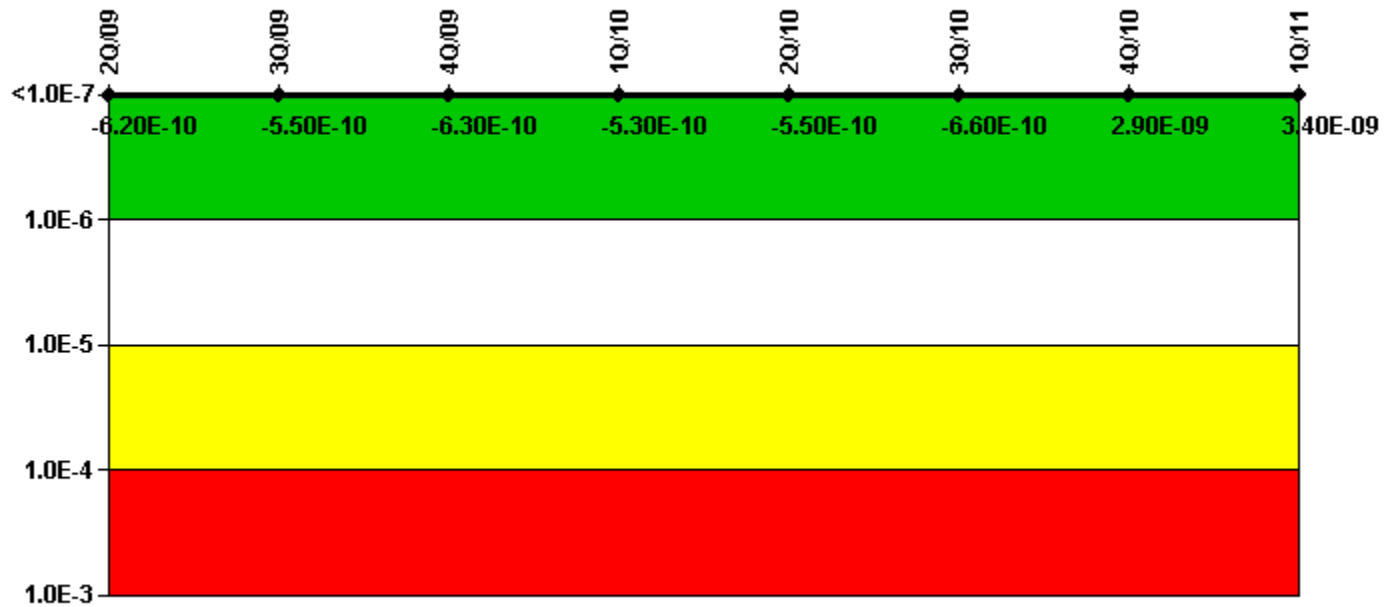
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (ΔCDF)	4.60E-09	4.90E-09	3.40E-09	3.42E-09	6.85E-09	6.79E-09	5.00E-09	5.35E-09
URI (ΔCDF)	-1.40E-08	-6.50E-09	-6.60E-09	-6.98E-09	1.34E-08	1.38E-08	1.38E-08	1.42E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-9.40E-09	-1.60E-09	-3.20E-09	-3.60E-09	2.00E-08	2.10E-08	1.90E-08	2.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



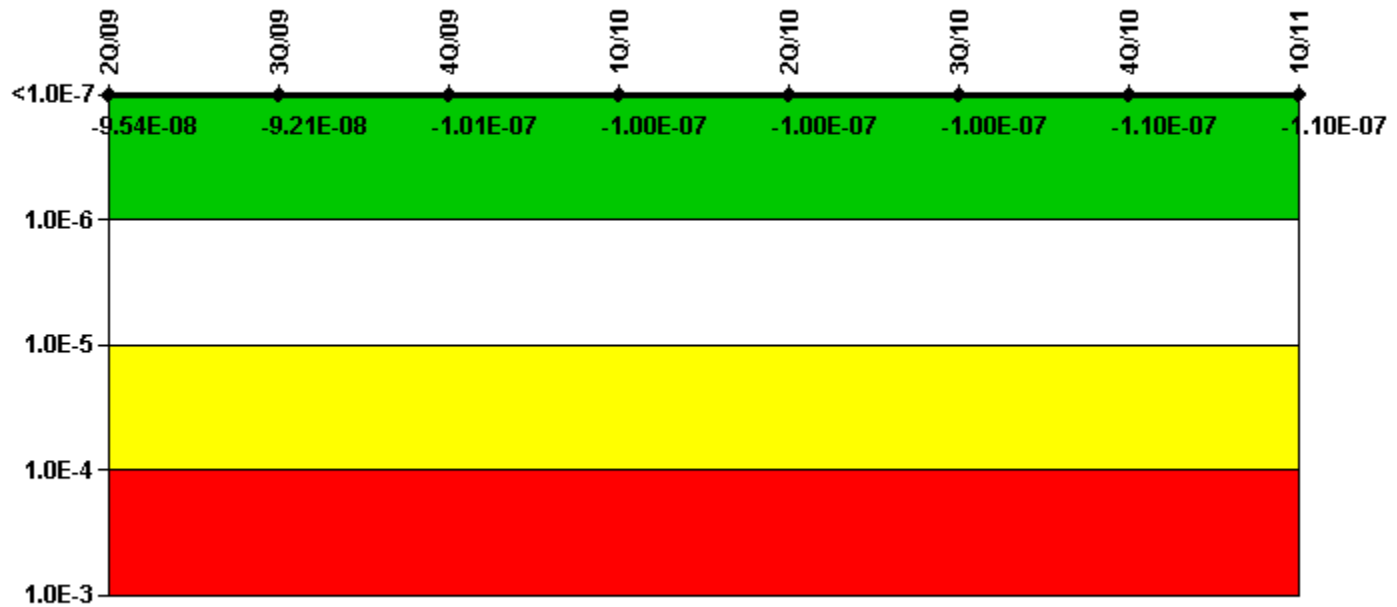
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (ΔCDF)	4.80E-10	5.50E-10	4.70E-10	5.51E-10	5.49E-10	4.41E-10	3.80E-10	9.22E-10
URI (ΔCDF)	-1.10E-09	-1.10E-09	-1.10E-09	-1.08E-09	-1.10E-09	-1.10E-09	2.50E-09	2.53E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.20E-10	-5.50E-10	-6.30E-10	-5.30E-10	-5.50E-10	-6.60E-10	2.90E-09	3.40E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



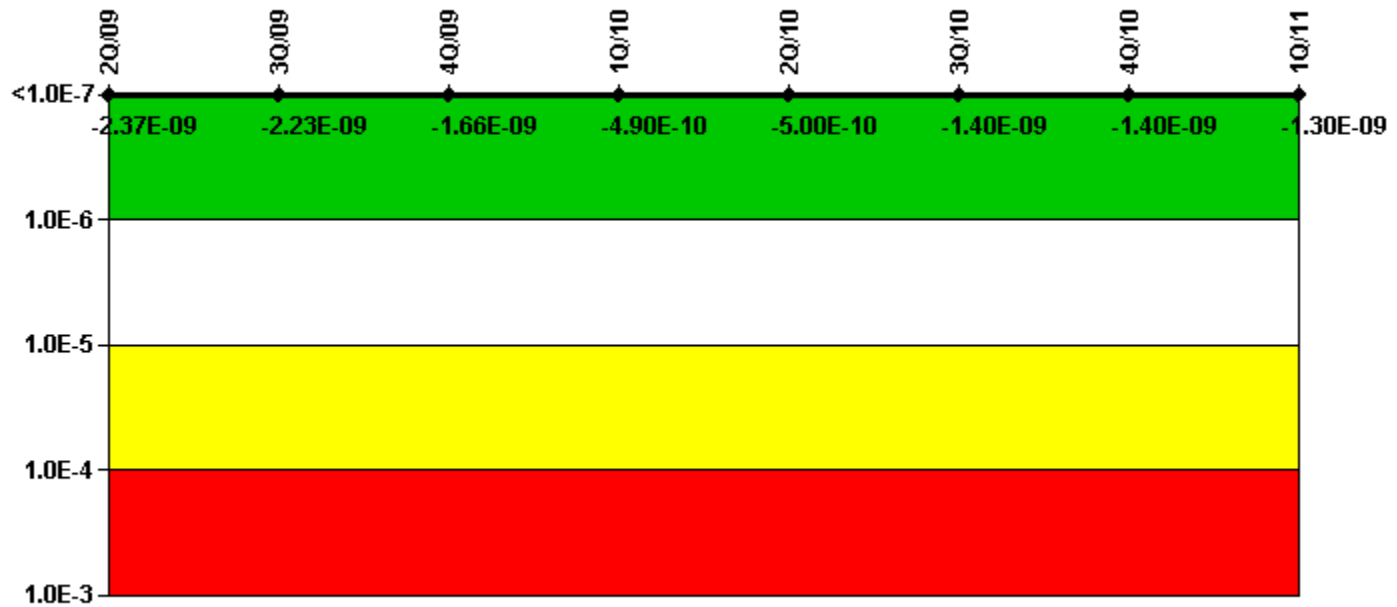
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (ΔCDF)	4.60E-09	7.90E-09	9.00E-09	5.61E-09	4.69E-09	7.27E-09	5.10E-09	6.51E-09
URI (ΔCDF)	-1.00E-07	-1.00E-07	-1.10E-07	-1.07E-07	-1.08E-07	-1.10E-07	-1.12E-07	-1.13E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-9.54E-08	-9.21E-08	-1.01E-07	-1.00E-07	-1.00E-07	-1.00E-07	-1.10E-07	-1.10E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



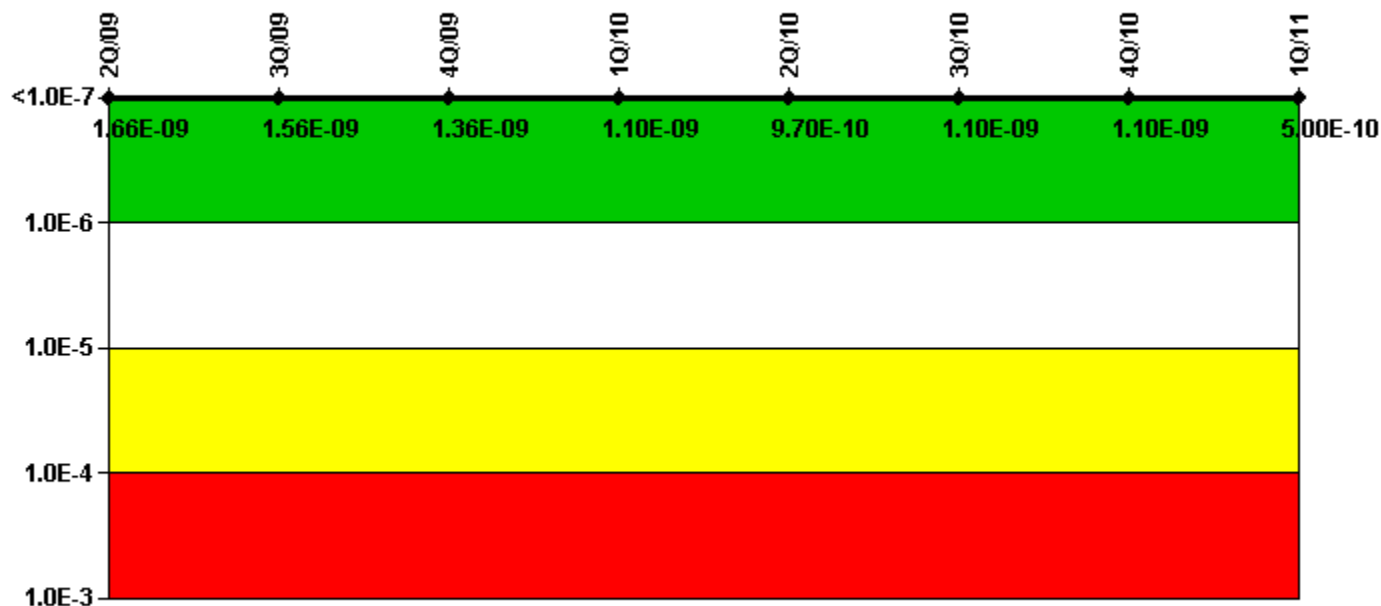
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (Δ CDF)	-4.70E-10	-2.30E-10	1.40E-10	1.34E-09	1.38E-09	4.83E-10	4.99E-10	5.42E-10
URI (Δ CDF)	-1.90E-09	-2.00E-09	-1.80E-09	-1.83E-09	-1.88E-09	-1.86E-09	-1.86E-09	-1.86E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.37E-09	-2.23E-09	-1.66E-09	-4.90E-10	-5.00E-10	-1.40E-09	-1.40E-09	-1.30E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



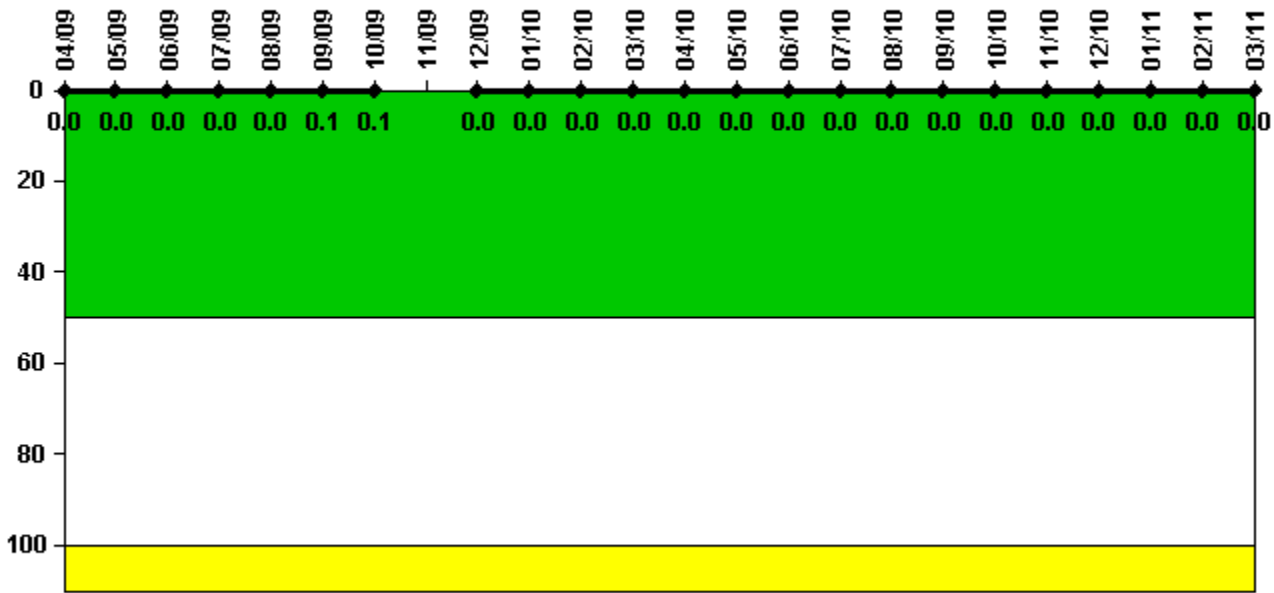
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (ΔCDF)	1.60E-09	1.50E-09	1.30E-09	1.04E-09	9.13E-10	1.05E-09	9.90E-10	7.28E-10
URI (ΔCDF)	6.00E-11	5.90E-11	6.10E-11	6.11E-11	6.06E-11	5.98E-11	5.98E-11	-2.24E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.66E-09	1.56E-09	1.36E-09	1.10E-09	9.70E-10	1.10E-09	1.10E-09	5.00E-10

Licensee Comments: none

Reactor Coolant System Activity



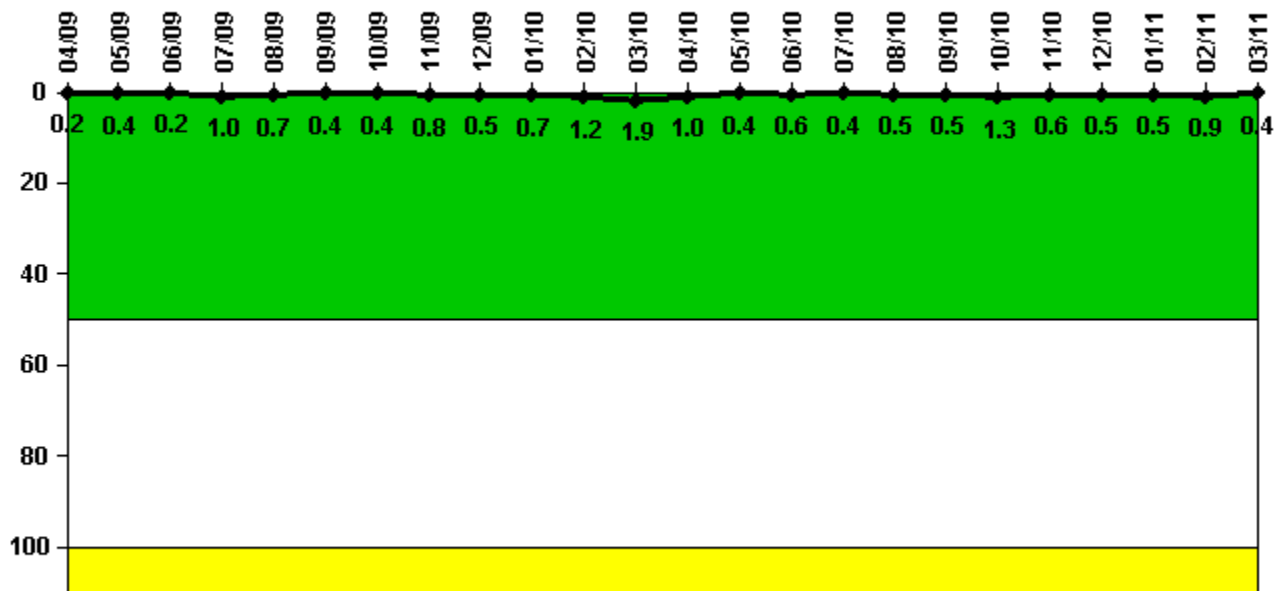
Thresholds: White > 50.0 Yellow > 100.0

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	0.000424	0.000459	0.000461	0.000457	0.000469	0.000505	0.000522	N/A	0.000284	0.000278	0.000334	0.000294
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0.1	0.1	N/A	0	0	0	0
Reactor Coolant System Activity	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11
Maximum activity	0.000295	0.000326	0.000312	0.000330	0.000351	0.000352	0.000400	0.000430	0.000440	0.000449	0.000455	0.000462
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



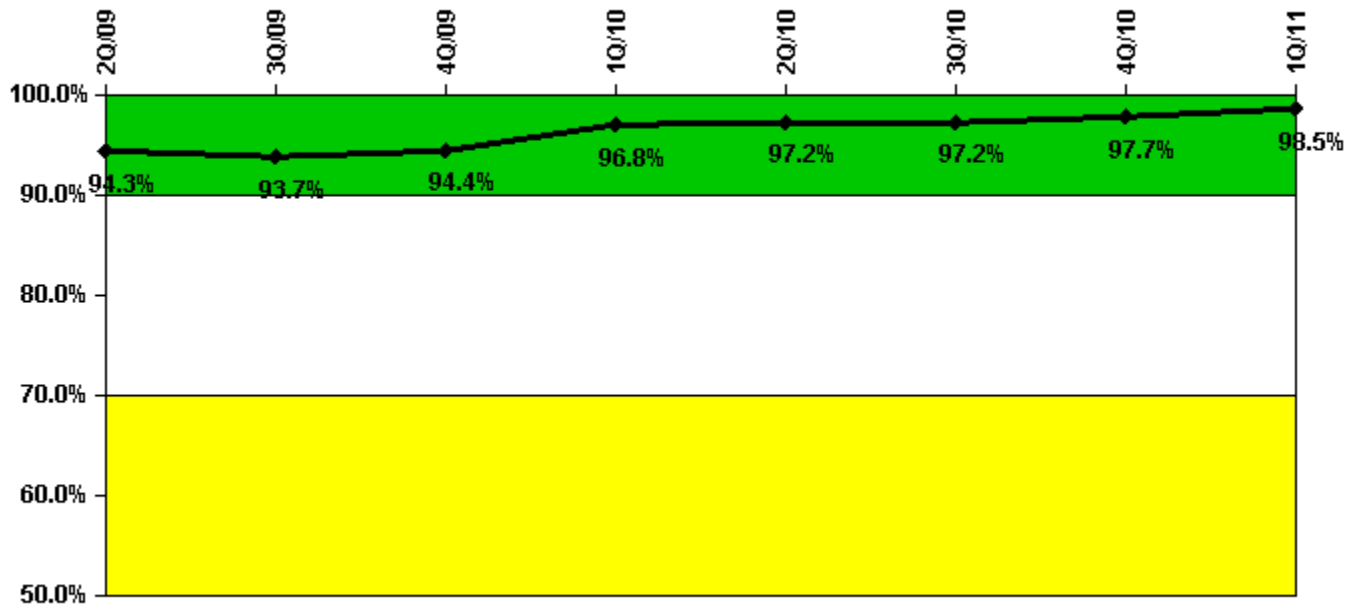
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10
Maximum leakage	0.020	0.040	0.020	0.100	0.070	0.040	0.040	0.080	0.050	0.070	0.120	0.190
Technical specification limit	10.0	10.0	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	0.2	1.0	0.7	0.4	0.4	0.8	0.5	0.7	1.2	1.9
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	0.100	0.040	0.060	0.040	0.050	0.050	0.130	0.060	0.050	0.050	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	1.0	0.4	0.6	0.4	0.5	0.5	1.3	0.6	0.5	0.5	0.9	0.4

Licensee Comments: none

Drill/Exercise Performance



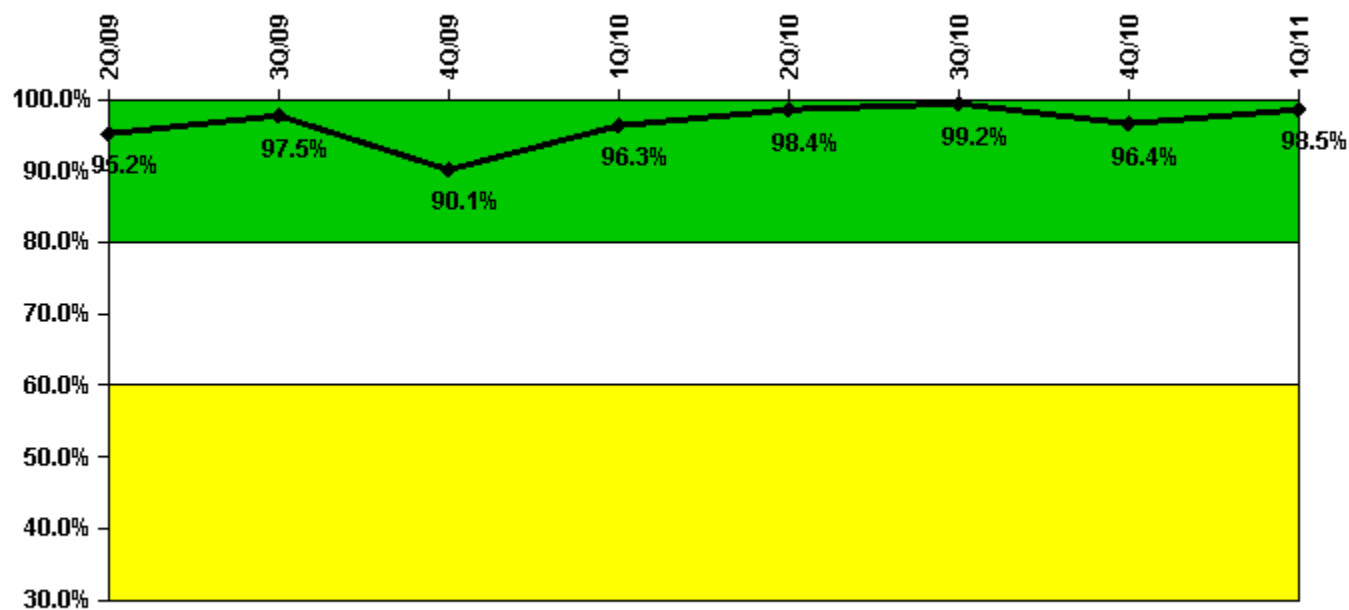
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Successful opportunities	44.0	29.0	42.0	87.0	21.0	18.0	35.0	46.0
Total opportunities	44.0	31.0	42.0	88.0	21.0	18.0	36.0	47.0
Indicator value	94.3%	93.7%	94.4%	96.8%	97.2%	97.2%	97.7%	98.5%

Licensee Comments: none

ERO Drill Participation



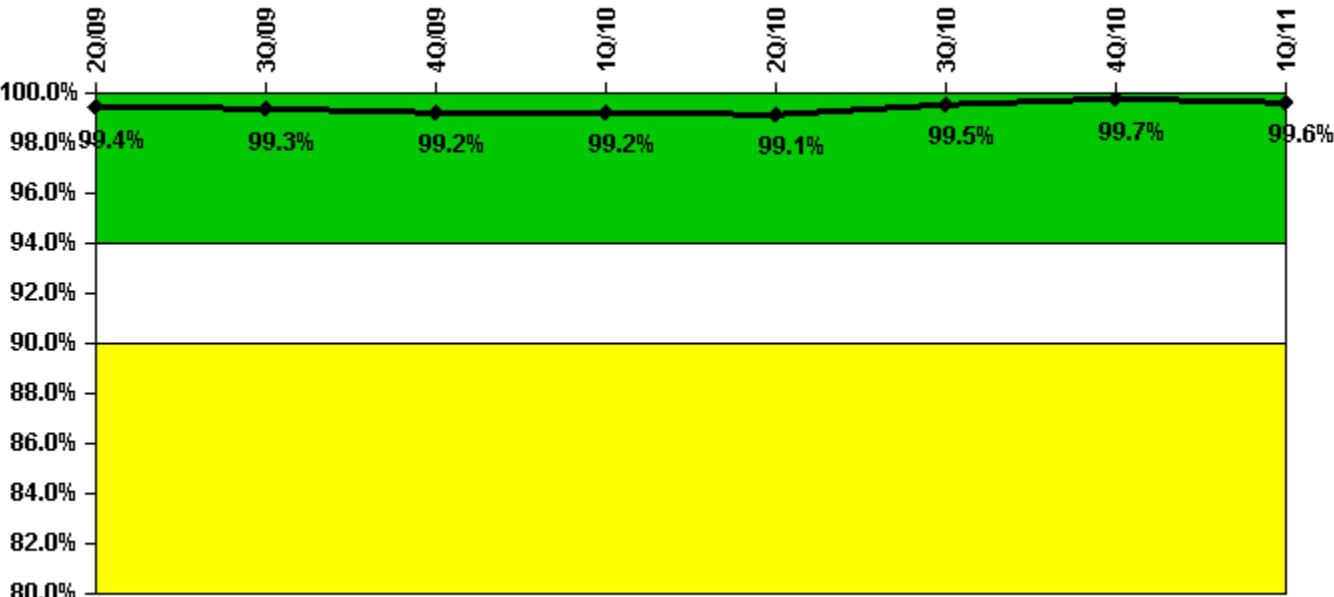
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Participating Key personnel	80.0	116.0	118.0	131.0	124.0	126.0	135.0	128.0
Total Key personnel	84.0	119.0	131.0	136.0	126.0	127.0	140.0	130.0
Indicator value	95.2%	97.5%	90.1%	96.3%	98.4%	99.2%	96.4%	98.5%

Licensee Comments: none

Alert & Notification System



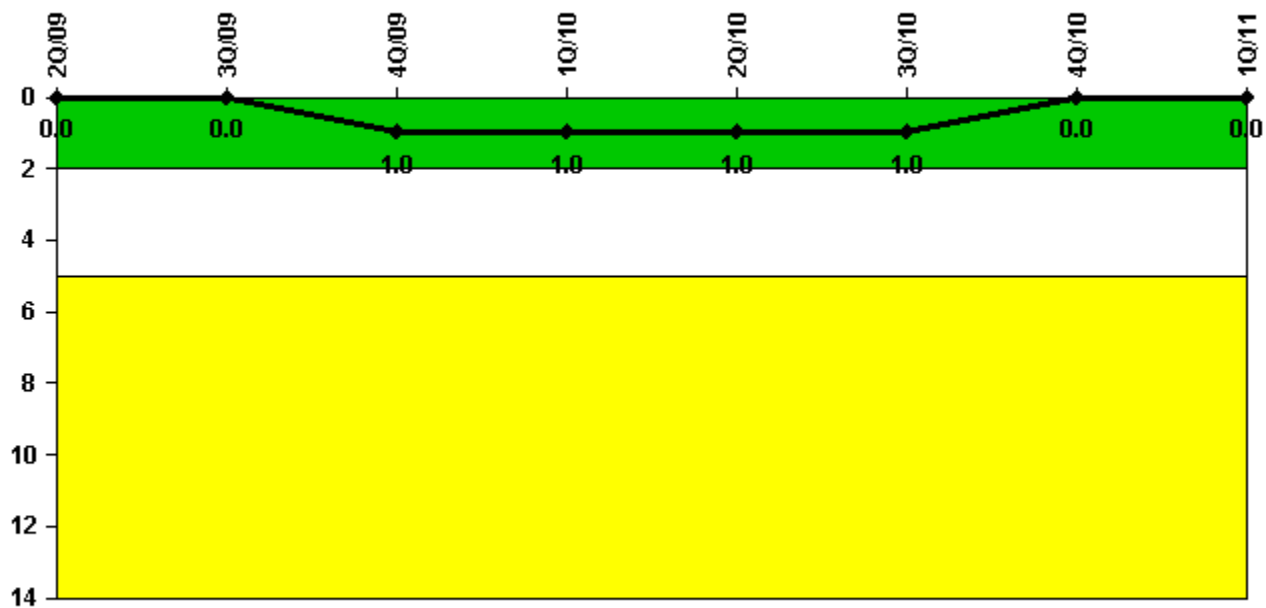
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Successful siren-tests	328	370	325	423	326	375	329	375
Total sirens-tests	329	376	329	423	329	376	329	376
Indicator value	99.4%	99.3%	99.2%	99.2%	99.1%	99.5%	99.7%	99.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness



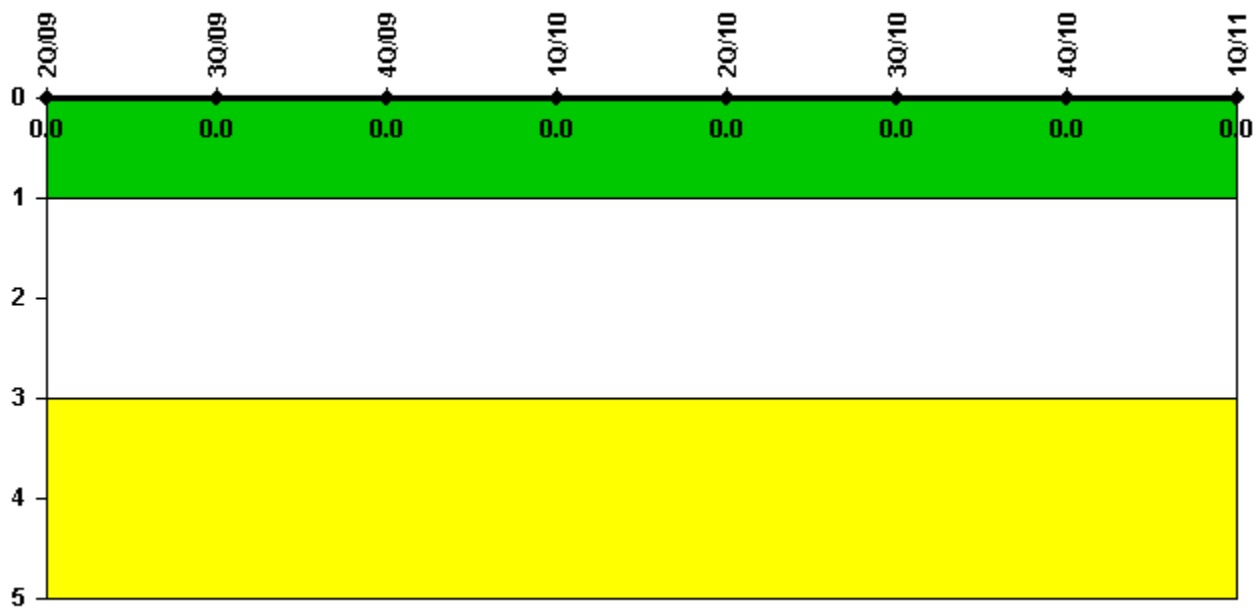
Thresholds: White > 2.0 Yellow > 5.0

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

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	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

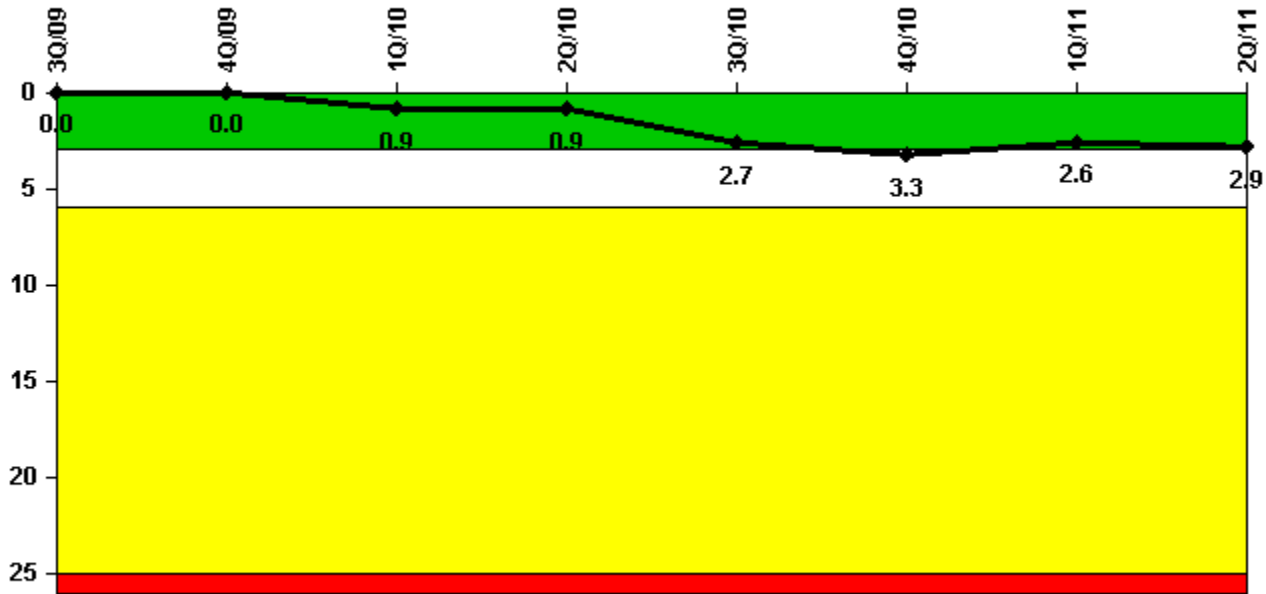
[Security](#) information not publicly available.

Turkey Point 4

2Q/2011 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



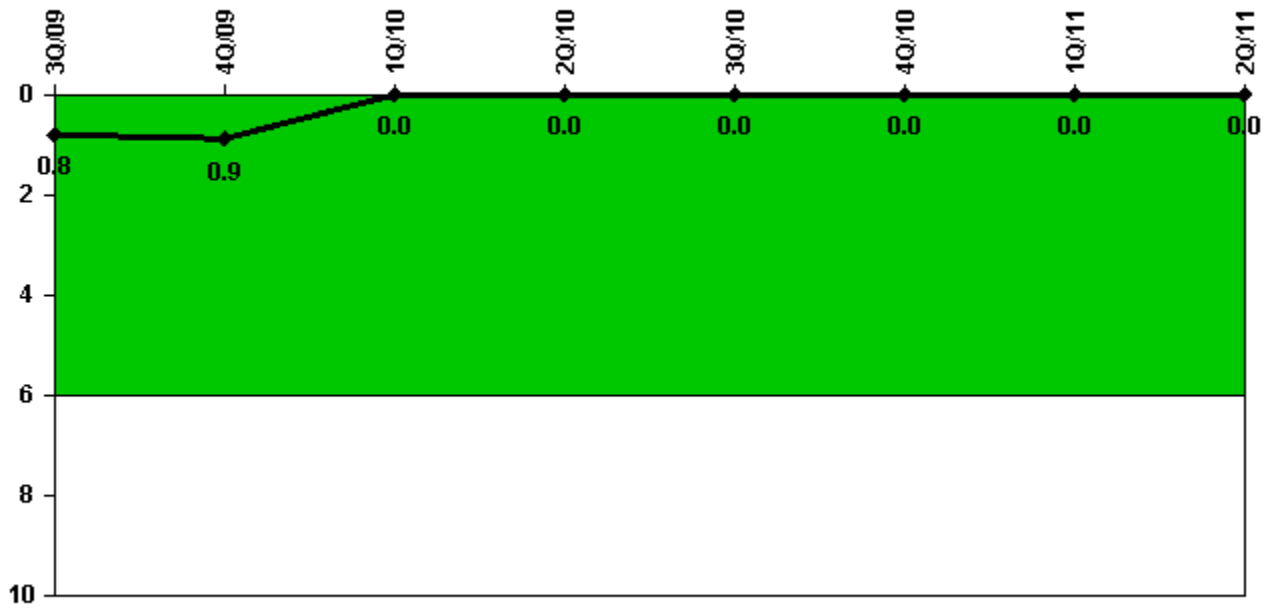
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	2.0	1.0	0	0
Critical hours	2208.0	1305.6	2102.2	2184.0	2118.2	2036.2	1895.0	1114.4
Indicator value	0	0	0.9	0.9	2.7	3.3	2.6	2.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



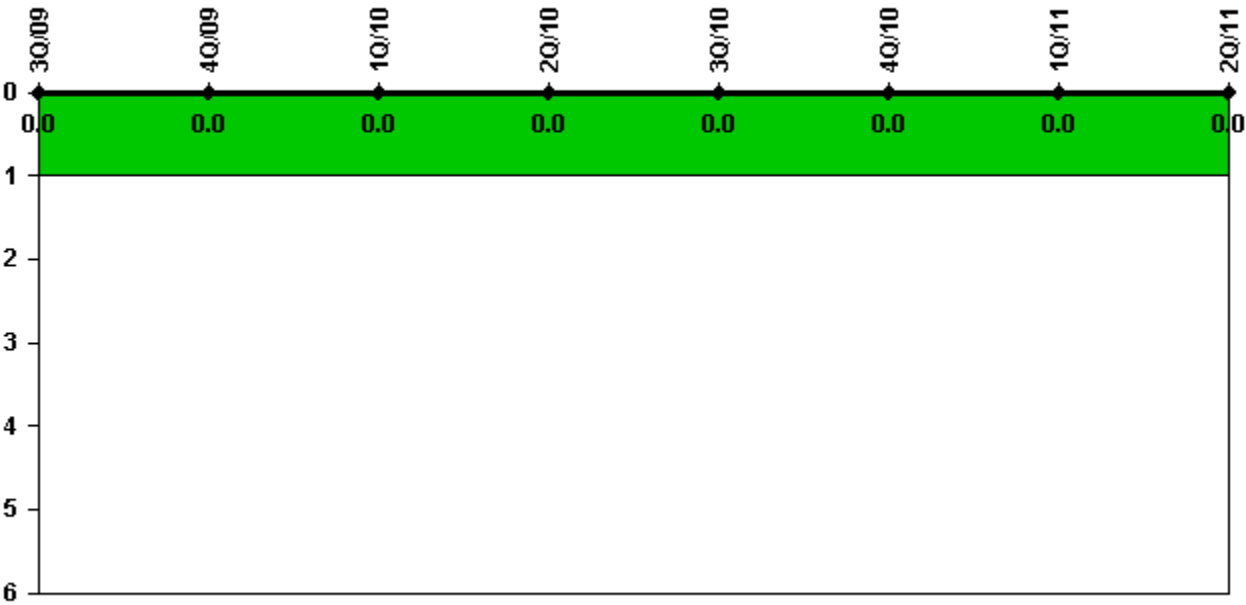
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2208.0	1305.6	2102.2	2184.0	2118.2	2036.2	1895.0	1114.4
Indicator value	0.8	0.9	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



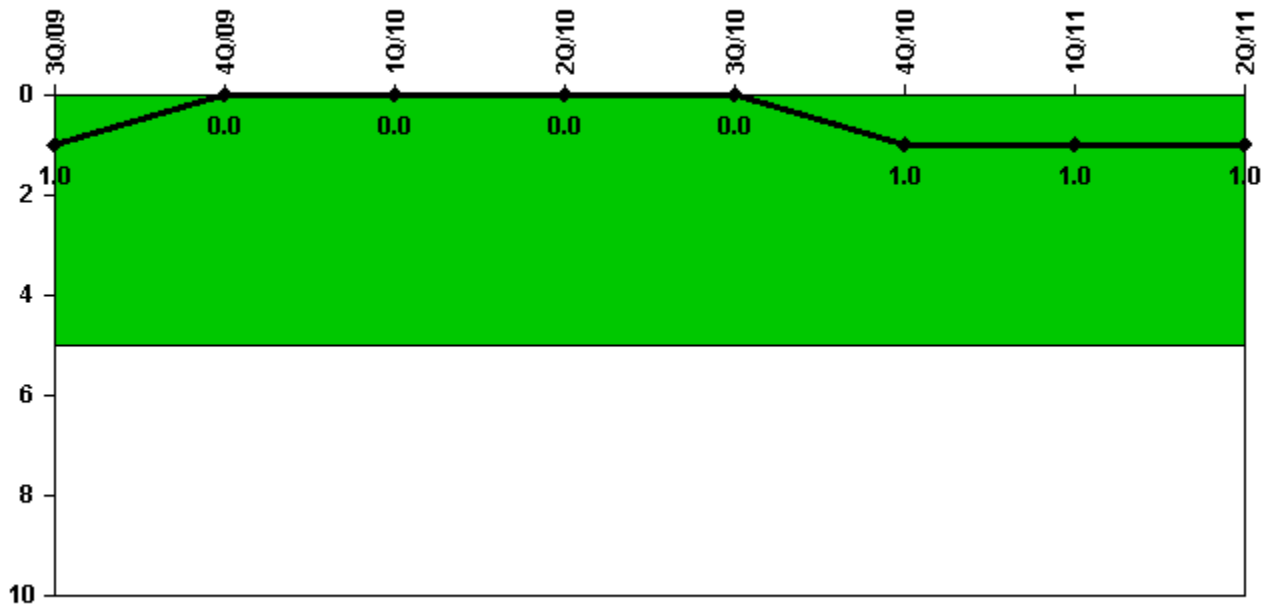
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



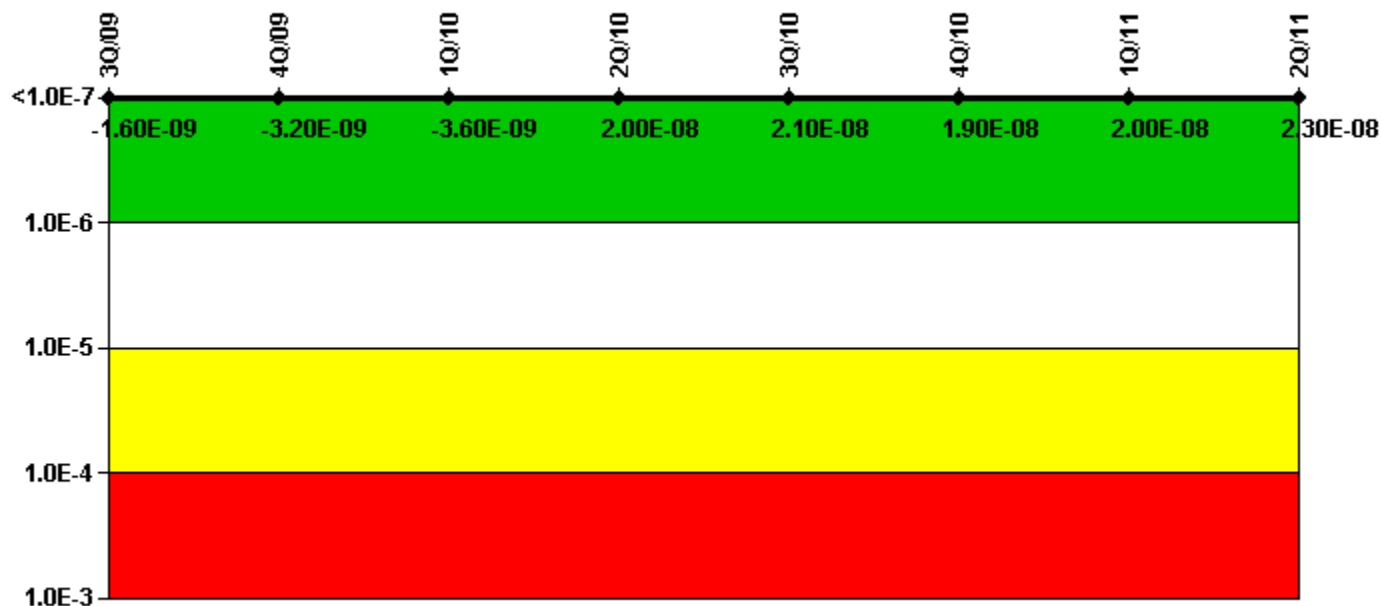
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Safety System Functional Failures	0	0	0	0	0	1	0	0
Indicator value	1	0	0	0	0	1	1	1

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



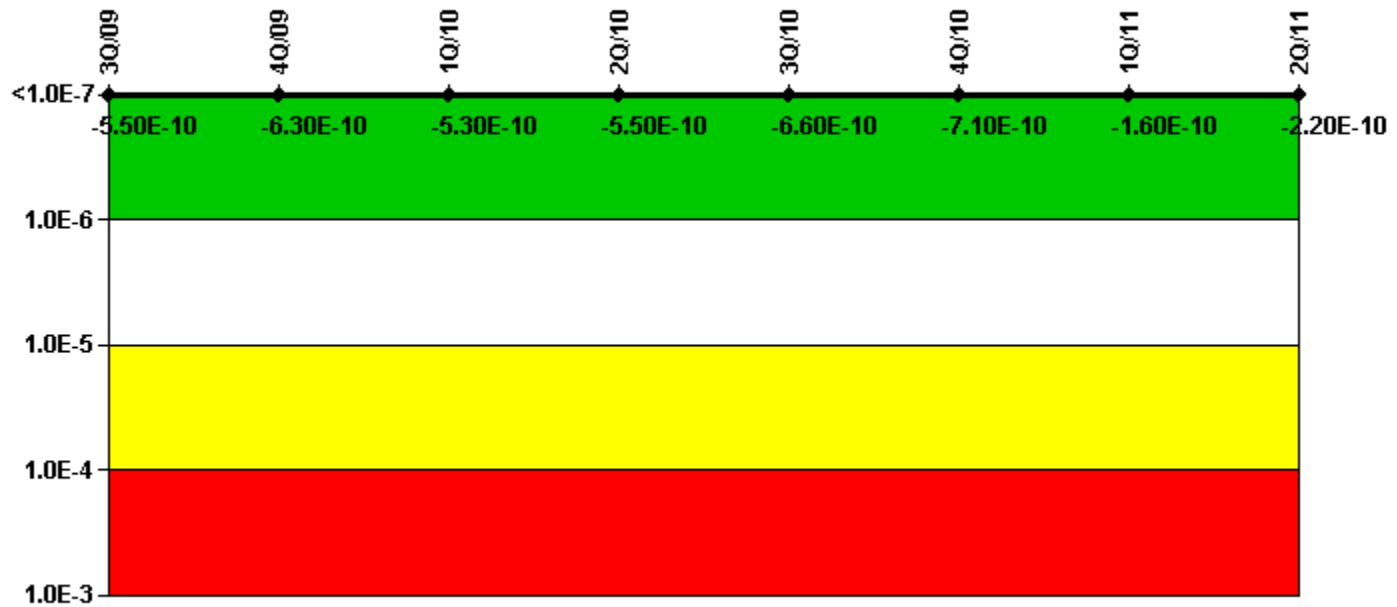
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (ΔCDF)	4.90E-09	3.40E-09	3.42E-09	6.85E-09	6.79E-09	5.00E-09	5.35E-09	8.87E-09
URI (ΔCDF)	-6.50E-09	-6.60E-09	-6.98E-09	1.34E-08	1.38E-08	1.38E-08	1.42E-08	1.45E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.60E-09	-3.20E-09	-3.60E-09	2.00E-08	2.10E-08	1.90E-08	2.00E-08	2.30E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



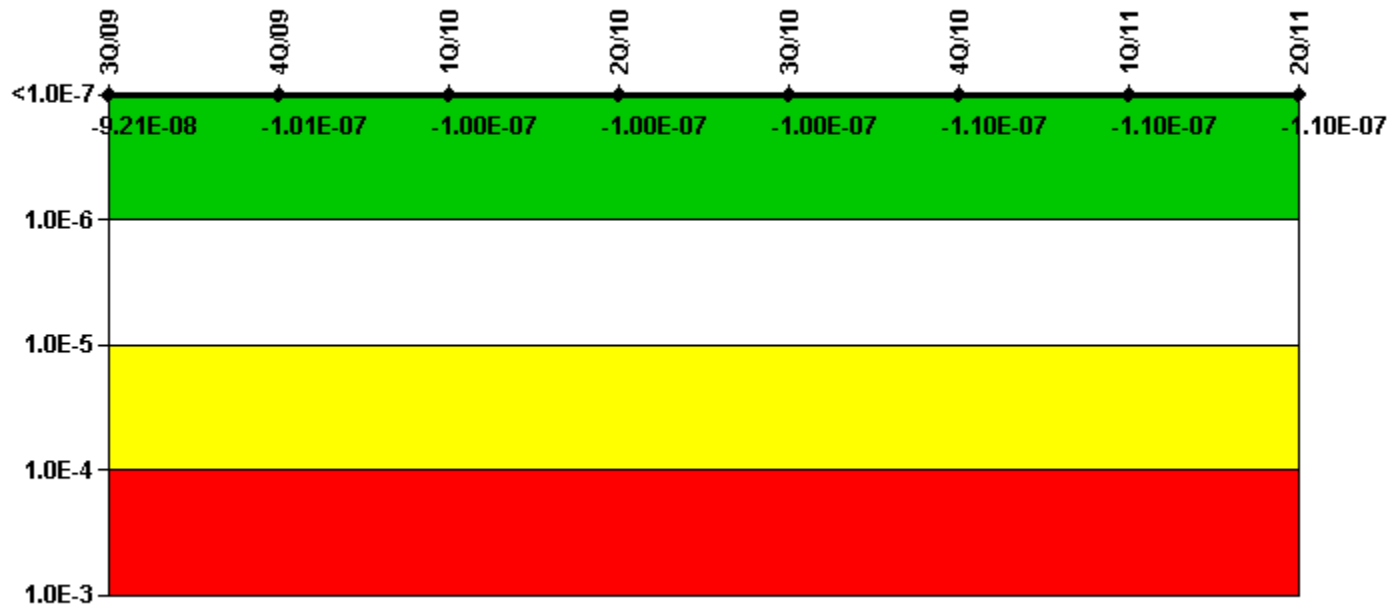
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (ΔCDF)	5.50E-10	4.70E-10	5.51E-10	5.49E-10	4.41E-10	3.80E-10	9.22E-10	8.57E-10
URI (ΔCDF)	-1.10E-09	-1.10E-09	-1.08E-09	-1.10E-09	-1.10E-09	-1.09E-09	-1.08E-09	-1.08E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.50E-10	-6.30E-10	-5.30E-10	-5.50E-10	-6.60E-10	-7.10E-10	-1.60E-10	-2.20E-10

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



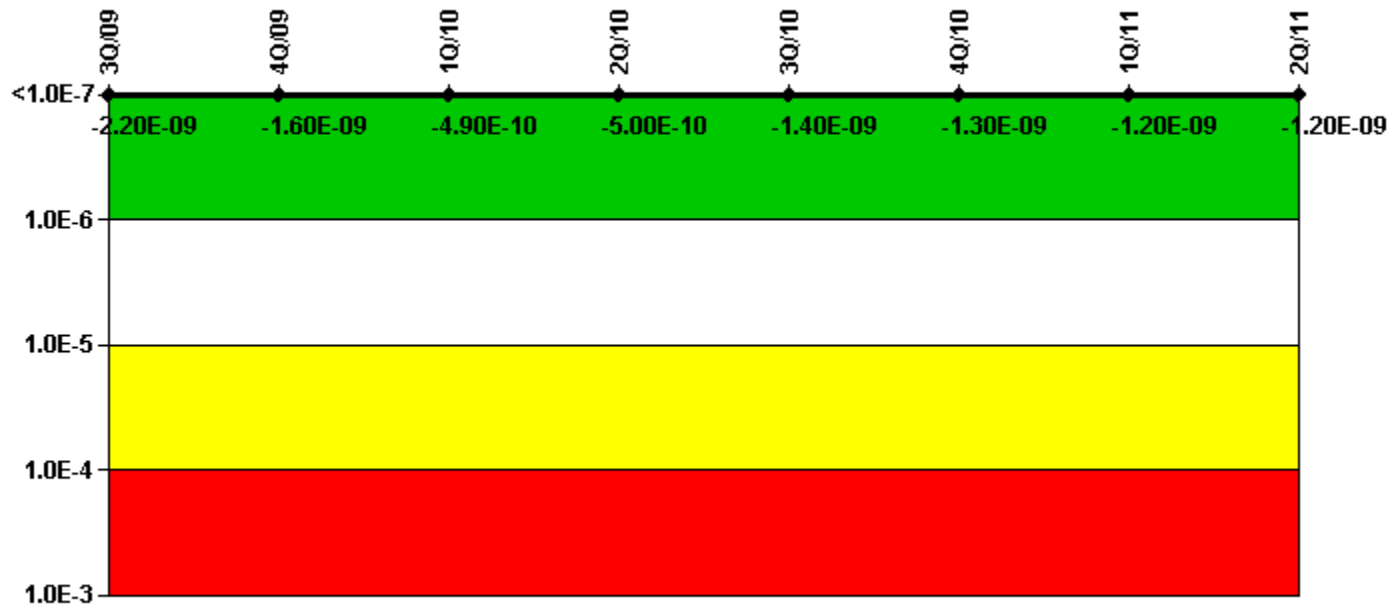
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (ΔCDF)	7.90E-09	9.00E-09	5.61E-09	4.69E-09	7.27E-09	5.10E-09	6.51E-09	1.89E-09
URI (ΔCDF)	-1.00E-07	-1.10E-07	-1.07E-07	-1.08E-07	-1.10E-07	-1.12E-07	-1.13E-07	-1.14E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-9.21E-08	-1.01E-07	-1.00E-07	-1.00E-07	-1.00E-07	-1.10E-07	-1.10E-07	-1.10E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (Δ CDF)	-2.29E-10	1.43E-10	1.34E-09	1.38E-09	4.83E-10	4.99E-10	5.42E-10	5.64E-10
URI (Δ CDF)	-1.97E-09	-1.77E-09	-1.83E-09	-1.88E-09	-1.86E-09	-1.76E-09	-1.76E-09	-1.76E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.20E-09	-1.60E-09	-4.90E-10	-5.00E-10	-1.40E-09	-1.30E-09	-1.20E-09	-1.20E-09

Licensee Comments:

1Q/11: Changed PRA Parameter(s).

4Q/10: Changed PRA Parameter(s).

3Q/10: Changed PRA Parameter(s).

2Q/10: Changed PRA Parameter(s).

1Q/10: Changed PRA Parameter(s).

4Q/09: Changed PRA Parameter(s).

3Q/09: Changed PRA Parameter(s).

2Q/09: Changed PRA Parameter(s).

1Q/09: Changed PRA Parameter(s).

4Q/08: Changed PRA Parameter(s).

3Q/08: Changed PRA Parameter(s).

2Q/08: Changed PRA Parameter(s).

1Q/08: Changed PRA Parameter(s).

4Q/07: Changed PRA Parameter(s).

3Q/07: Changed PRA Parameter(s).

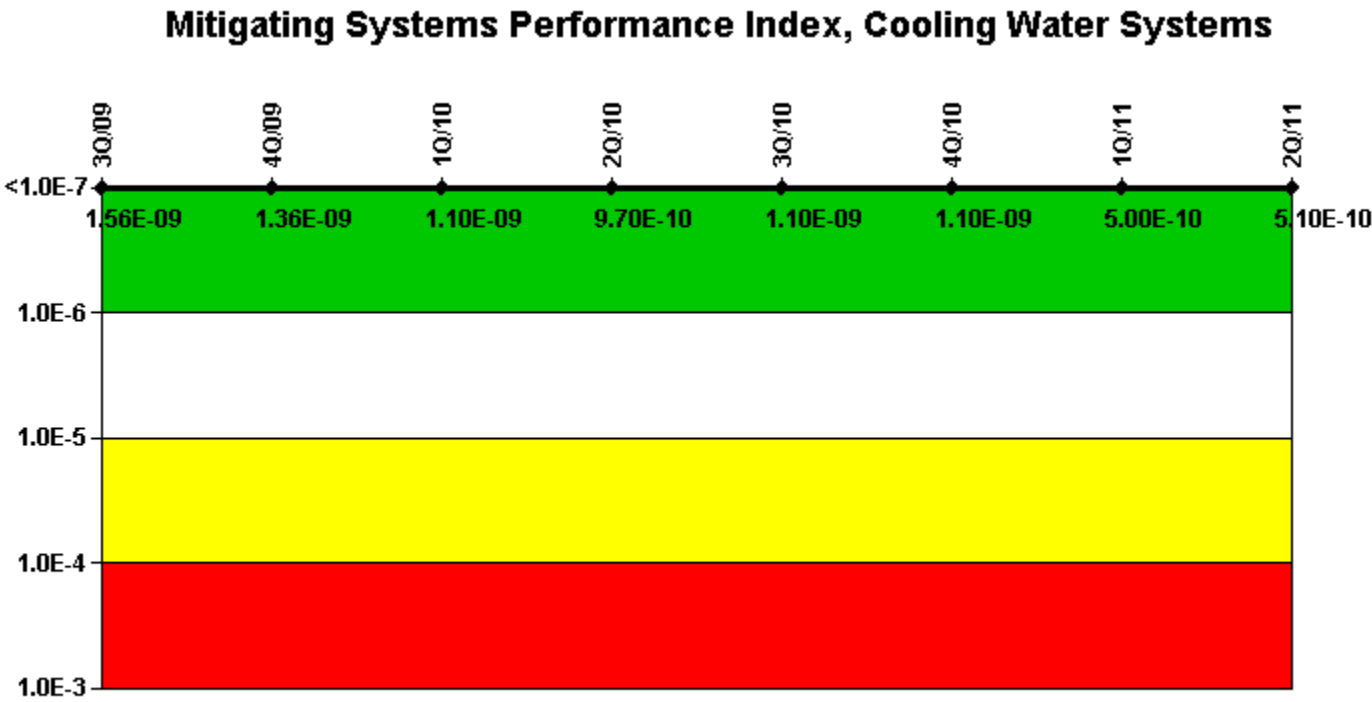
2Q/07: Changed PRA Parameter(s).

1Q/07: Changed PRA Parameter(s).

4Q/06: Changed PRA Parameter(s).

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

2Q/06: Changed PRA Parameter(s).

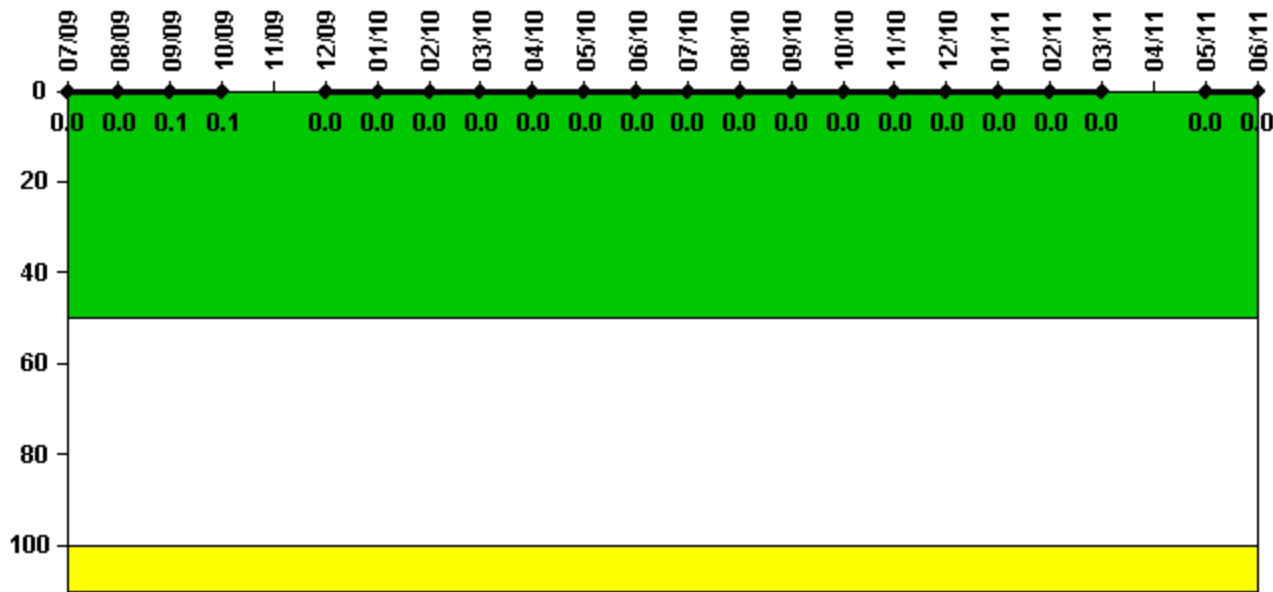


Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	1.50E-09	1.30E-09	1.04E-09	9.13E-10	1.05E-09	9.90E-10	7.28E-10	7.34E-10
URI (ΔCDF)	5.90E-11	6.10E-11	6.11E-11	6.06E-11	5.98E-11	5.98E-11	-2.24E-10	-2.24E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.56E-09	1.36E-09	1.10E-09	9.70E-10	1.10E-09	1.10E-09	5.00E-10	5.10E-10

Reactor Coolant System Activity



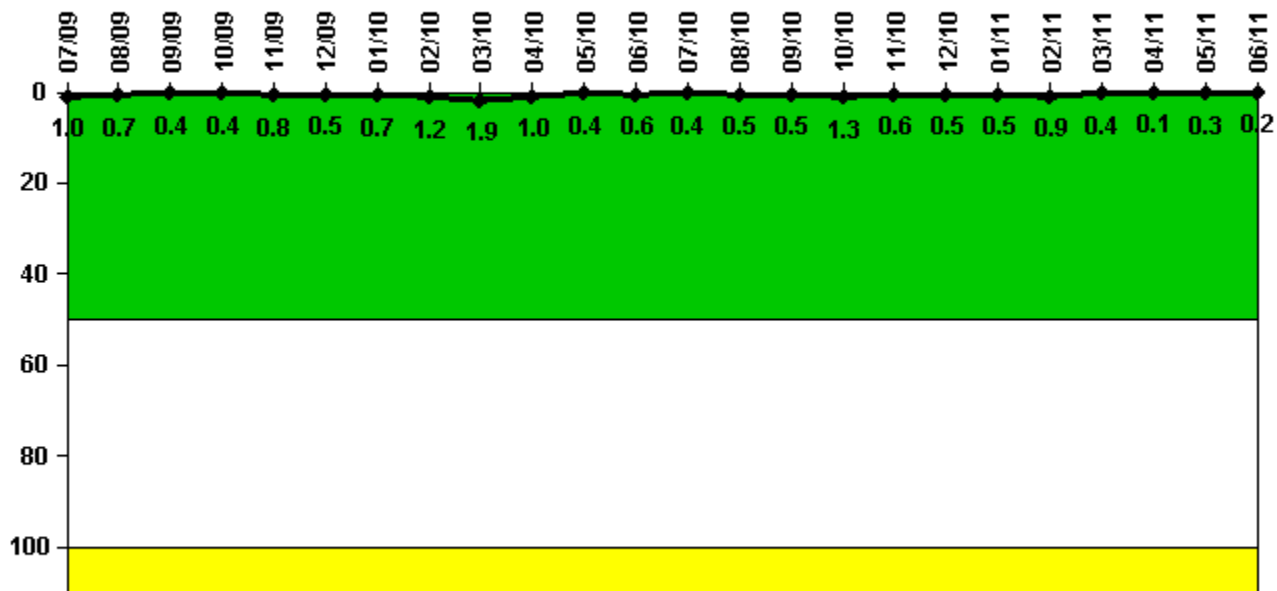
Thresholds: White > 50.0 Yellow > 100.0

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	0.000457	0.000469	0.000505	0.000522	N/A	0.000284	0.000278	0.000334	0.000294	0.000295	0.000326	0.000312
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0.1	0.1	N/A	0	0	0	0	0	0	0

Reactor Coolant System Activity	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11	4/11	5/11	6/11
Maximum activity	0.000330	0.000351	0.000352	0.000400	0.000430	0.000440	0.000449	0.000455	0.000462	N/A	0.000232	0.000244
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	N/A	0	0

Reactor Coolant System Leakage



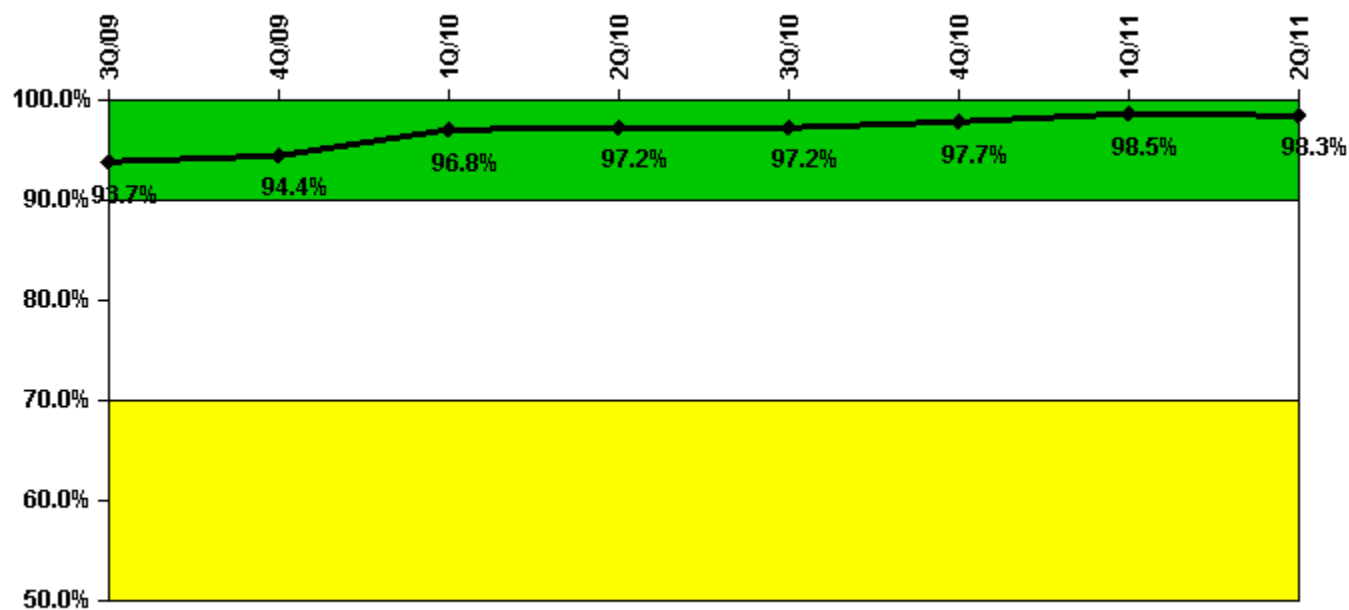
Thresholds: White > 50.0 Yellow > 100.0

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	0.100	0.070	0.040	0.040	0.080	0.050	0.070	0.120	0.190	0.100	0.040	0.060
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.0	0.7	0.4	0.4	0.8	0.5	0.7	1.2	1.9	1.0	0.4	0.6
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	0.040	0.050	0.050	0.130	0.060	0.050	0.050	0.090	0.040	0.010	0.030	0.020
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.5	0.5	1.3	0.6	0.5	0.5	0.9	0.4	0.1	0.3	0.2

Licensee Comments: none

Drill/Exercise Performance



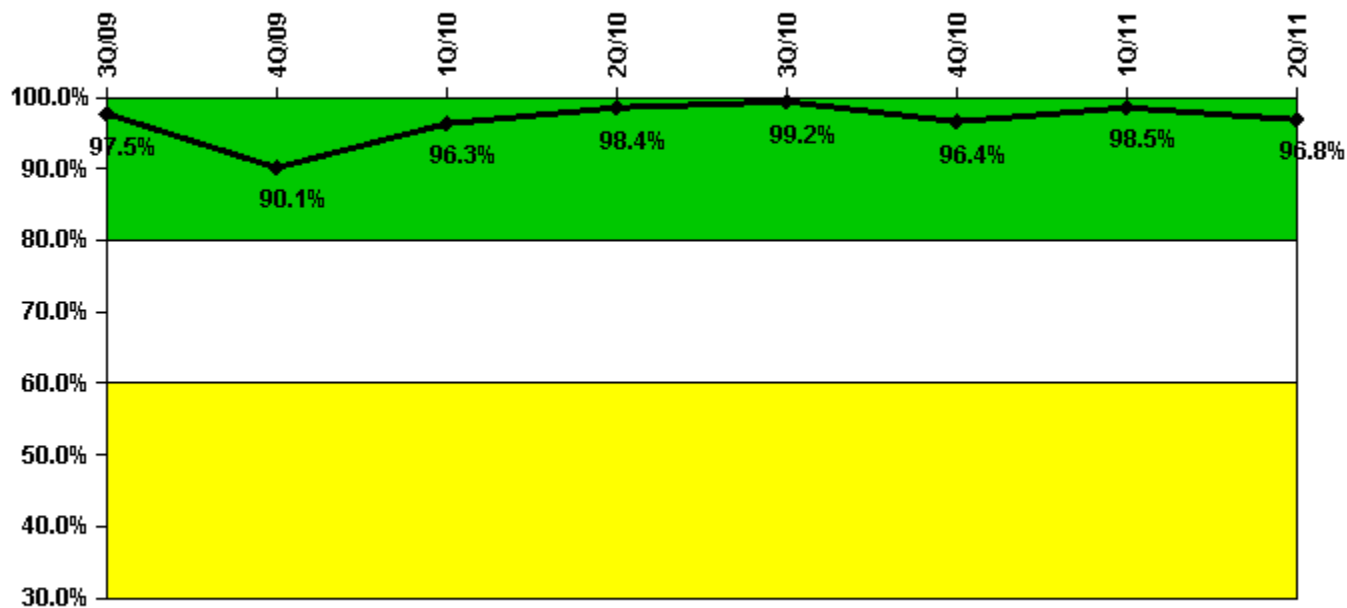
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Successful opportunities	29.0	42.0	87.0	21.0	18.0	35.0	45.0	7.0
Total opportunities	31.0	42.0	88.0	21.0	18.0	36.0	46.0	7.0
Indicator value	93.7%	94.4%	96.8%	97.2%	97.2%	97.7%	98.5%	98.3%

Licensee Comments: none

ERO Drill Participation



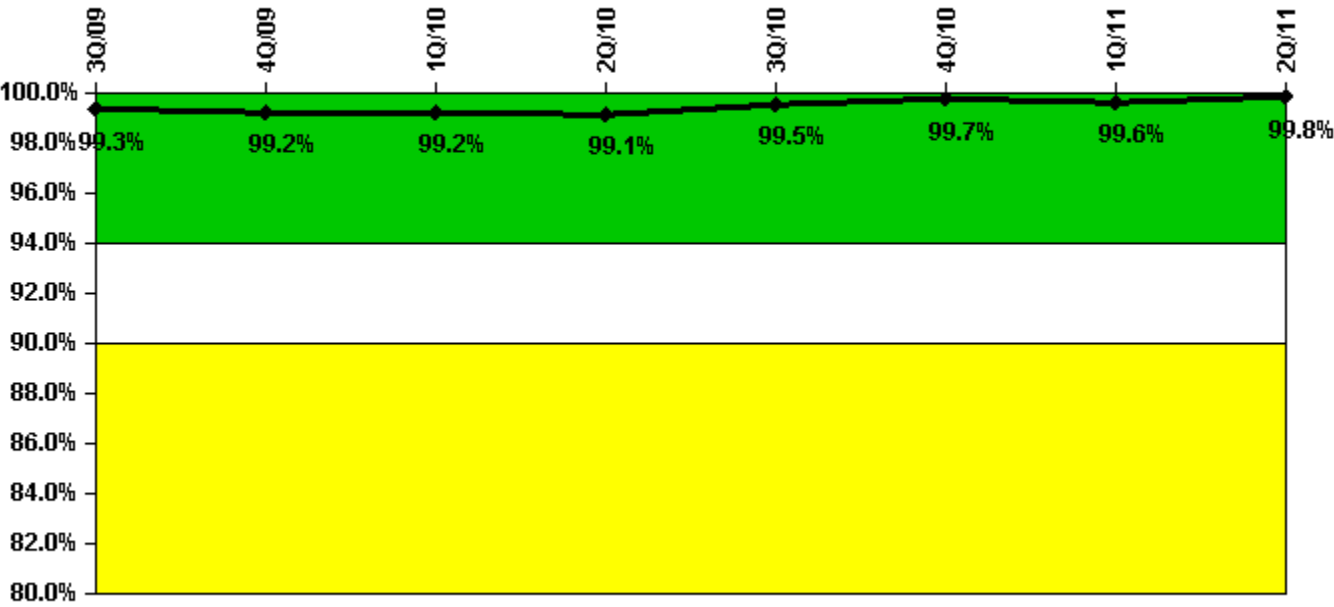
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Participating Key personnel	116.0	118.0	131.0	124.0	126.0	135.0	128.0	121.0
Total Key personnel	119.0	131.0	136.0	126.0	127.0	140.0	130.0	125.0
Indicator value	97.5%	90.1%	96.3%	98.4%	99.2%	96.4%	98.5%	96.8%

Licensee Comments: none

Alert & Notification System



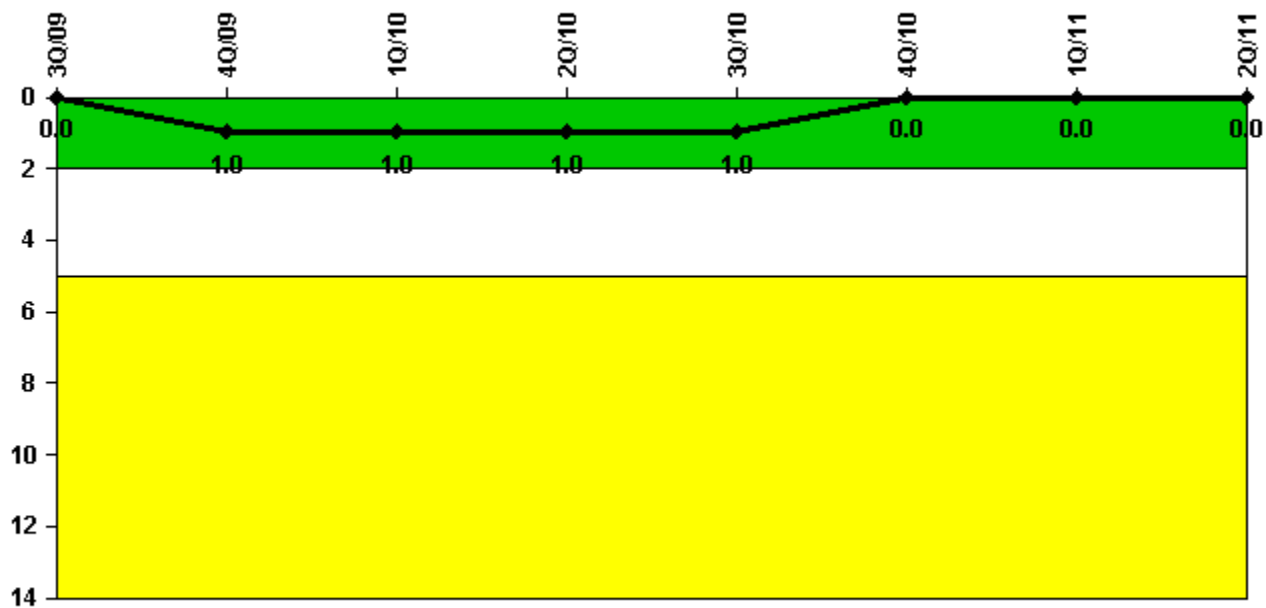
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Successful siren-tests	370	325	423	326	375	329	375	328
Total sirens-tests	376	329	423	329	376	329	376	329
Indicator value	99.3%	99.2%	99.2%	99.1%	99.5%	99.7%	99.6%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



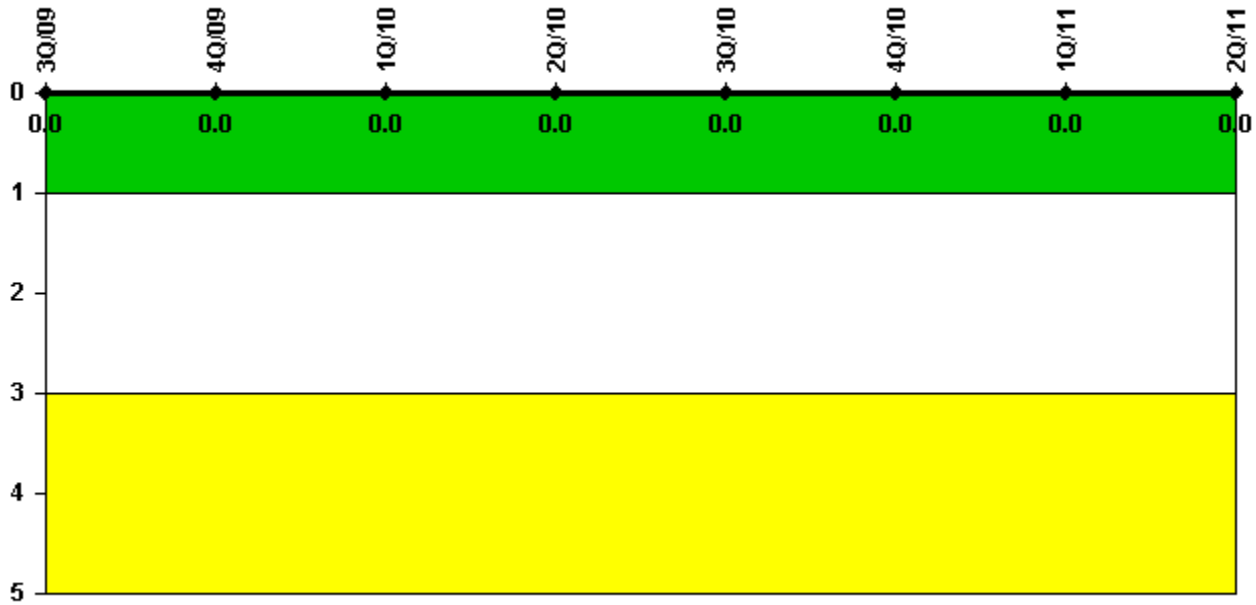
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
High radiation area occurrences	0	1	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	1	1	1	1	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	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

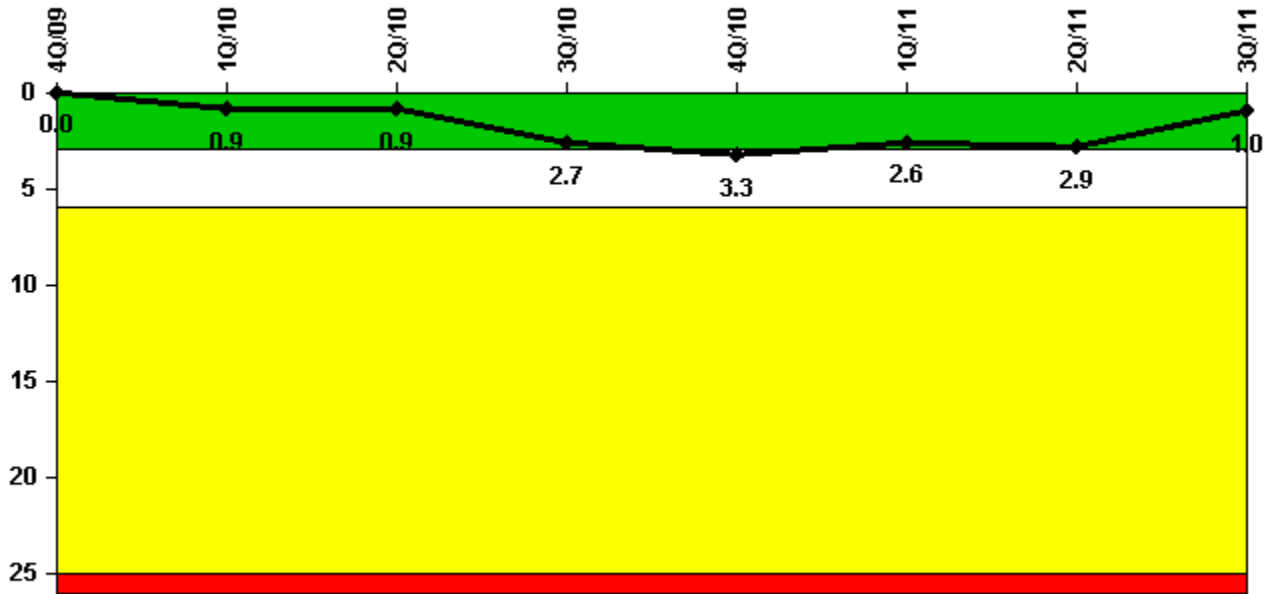
[Security](#) information not publicly available.

Turkey Point 4

3Q/2011 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



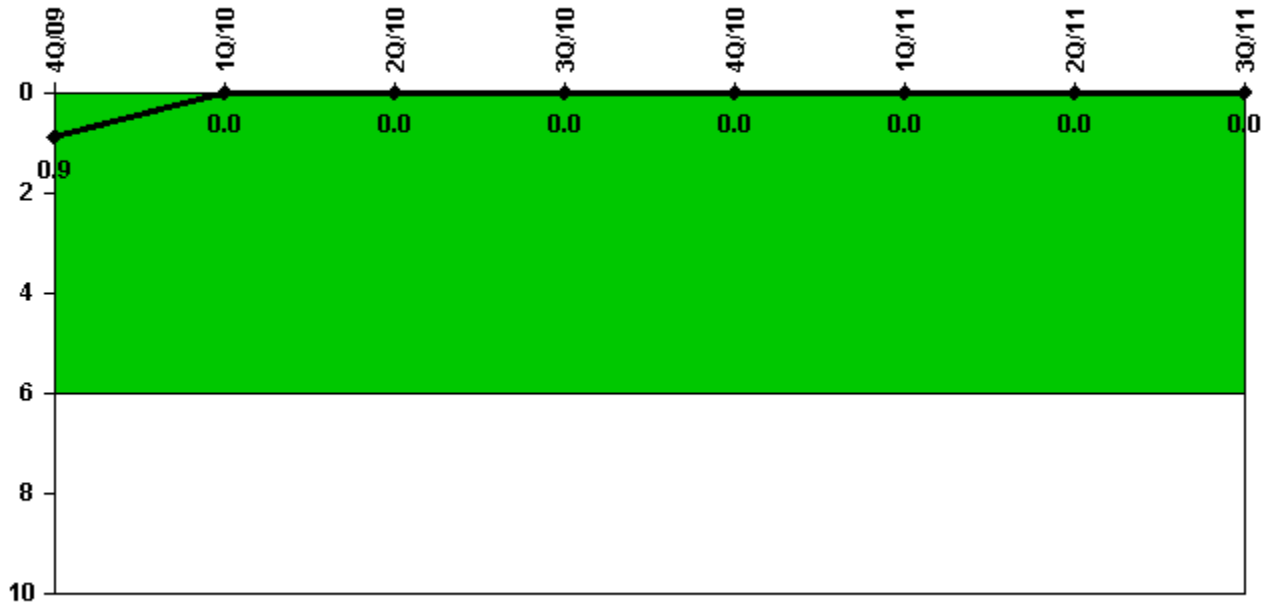
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Unplanned scrams	0	1.0	0	2.0	1.0	0	0	0
Critical hours	1305.6	2102.2	2184.0	2118.2	2036.2	1895.0	1114.4	2208.0
Indicator value	0	0.9	0.9	2.7	3.3	2.6	2.9	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



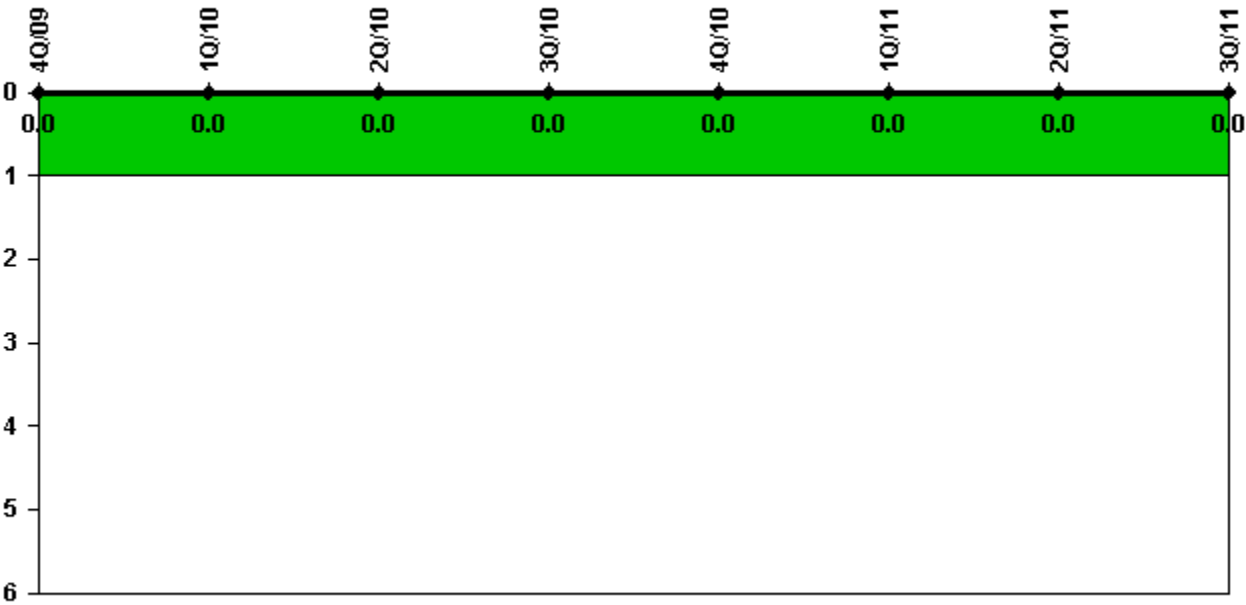
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	1305.6	2102.2	2184.0	2118.2	2036.2	1895.0	1114.4	2208.0
Indicator value	0.9	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



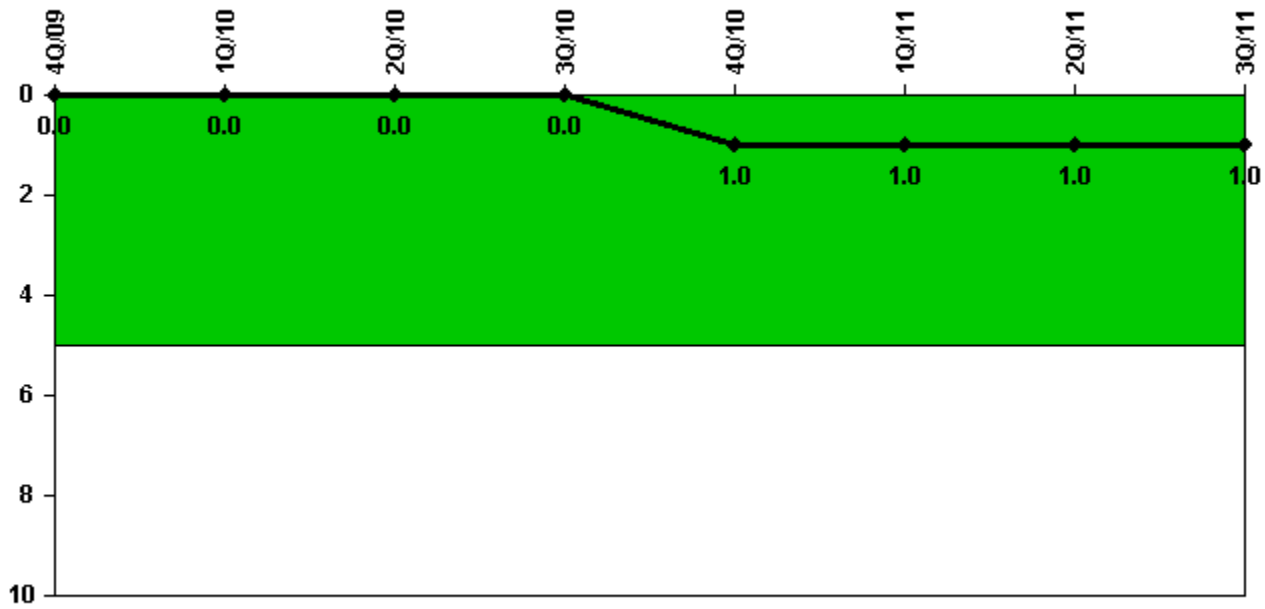
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	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)



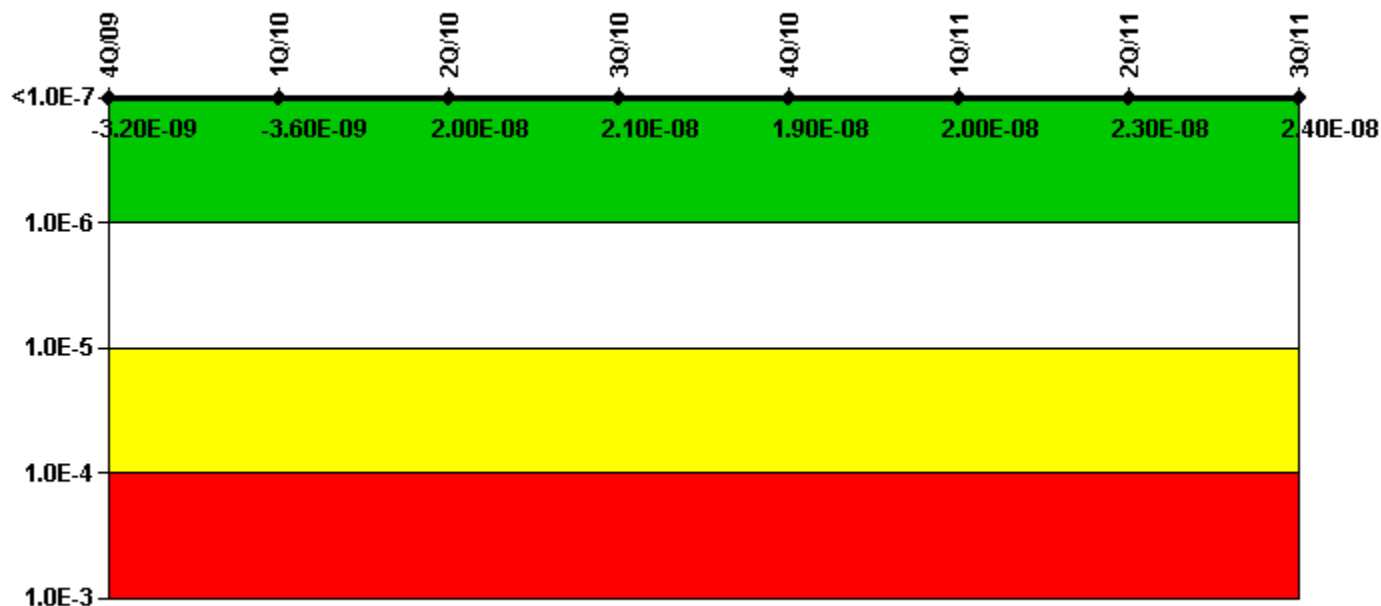
Thresholds: White > 5.0

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



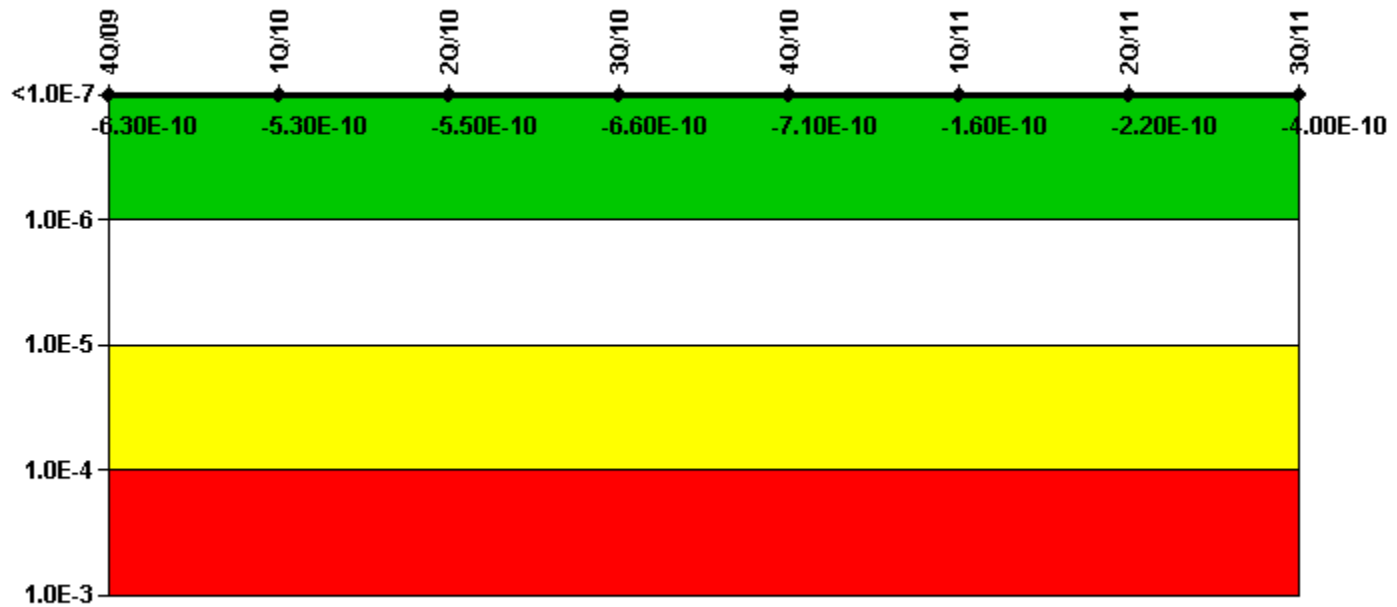
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (ΔCDF)	3.40E-09	3.42E-09	6.85E-09	6.79E-09	5.00E-09	5.35E-09	8.87E-09	9.31E-09
URI (ΔCDF)	-6.60E-09	-6.98E-09	1.34E-08	1.38E-08	1.38E-08	1.42E-08	1.45E-08	1.51E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.20E-09	-3.60E-09	2.00E-08	2.10E-08	1.90E-08	2.00E-08	2.30E-08	2.40E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



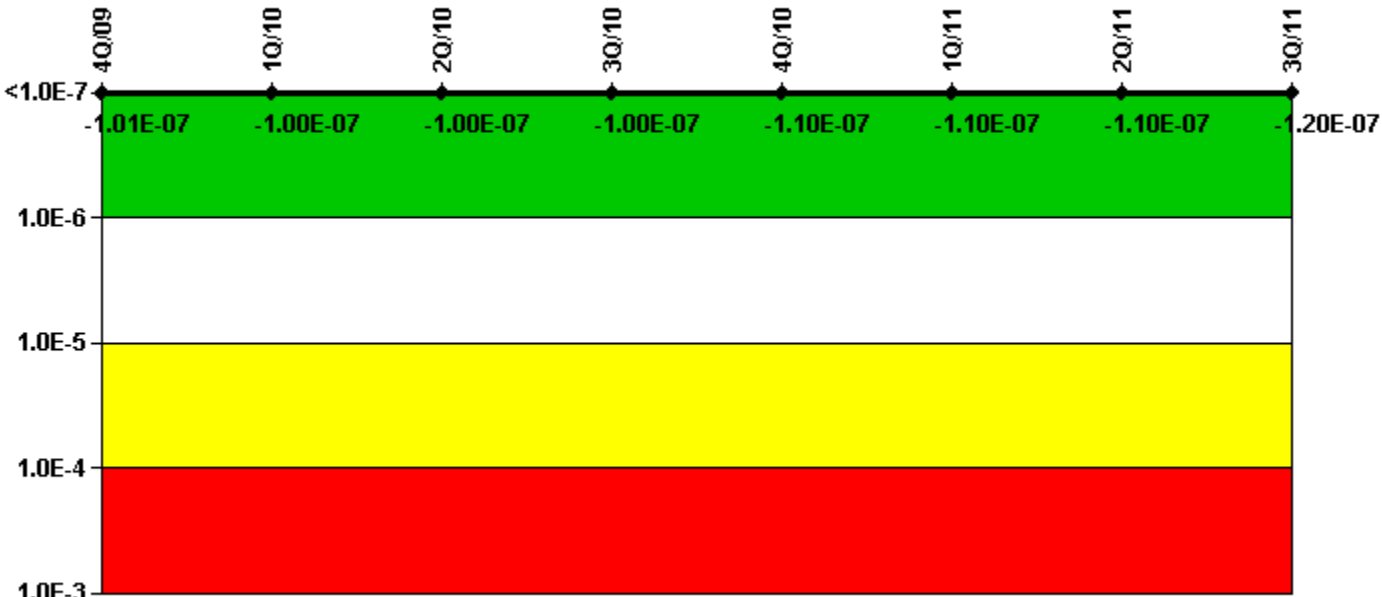
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (ΔCDF)	4.70E-10	5.51E-10	5.49E-10	4.41E-10	3.80E-10	9.22E-10	8.57E-10	6.71E-10
URI (ΔCDF)	-1.10E-09	-1.08E-09	-1.10E-09	-1.10E-09	-1.09E-09	-1.08E-09	-1.08E-09	-1.07E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.30E-10	-5.30E-10	-5.50E-10	-6.60E-10	-7.10E-10	-1.60E-10	-2.20E-10	-4.00E-10

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



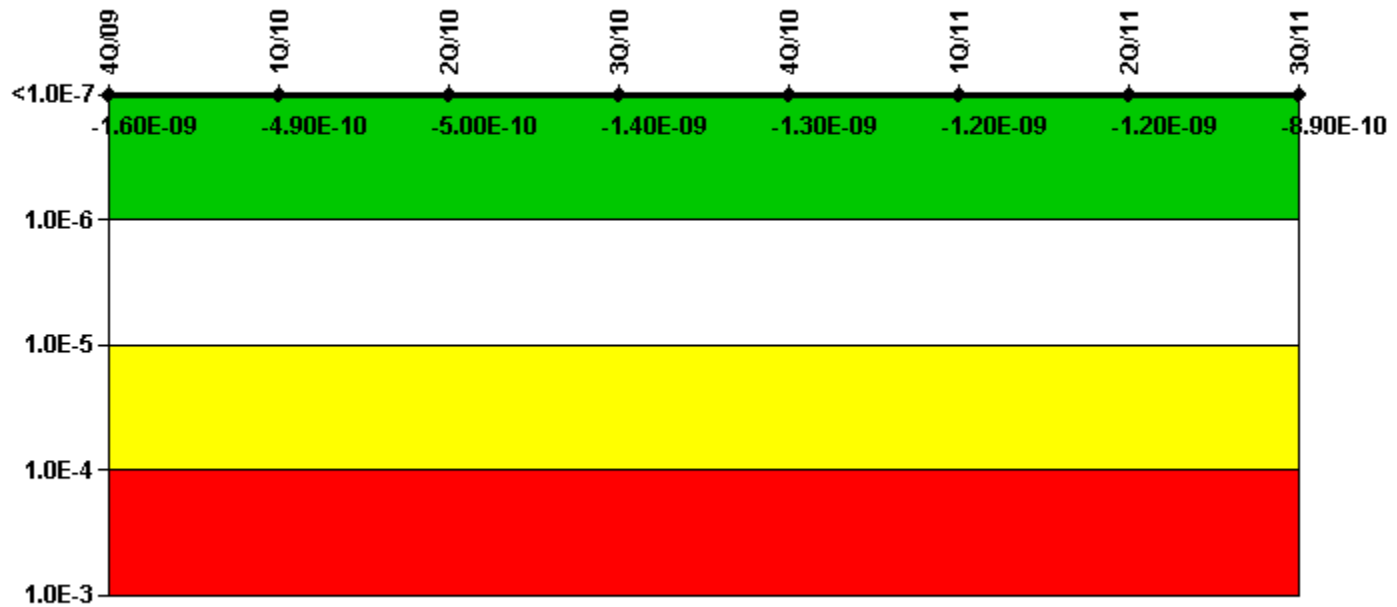
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (ΔCDF)	9.00E-09	5.61E-09	4.69E-09	7.27E-09	5.10E-09	6.51E-09	1.89E-09	-1.17E-09
URI (ΔCDF)	-1.10E-07	-1.07E-07	-1.08E-07	-1.10E-07	-1.12E-07	-1.13E-07	-1.14E-07	-1.15E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.01E-07	-1.00E-07	-1.00E-07	-1.00E-07	-1.10E-07	-1.10E-07	-1.10E-07	-1.20E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



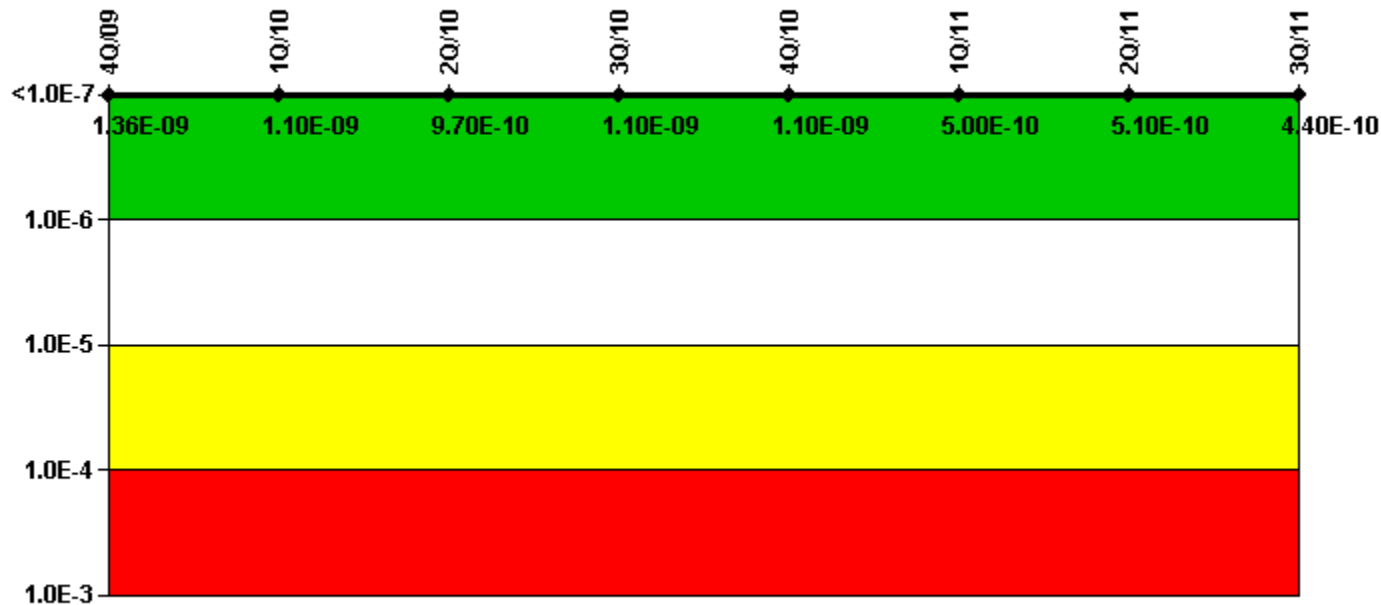
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (ΔCDF)	1.43E-10	1.34E-09	1.38E-09	4.83E-10	4.99E-10	5.42E-10	5.64E-10	8.69E-10
URI (ΔCDF)	-1.77E-09	-1.83E-09	-1.88E-09	-1.86E-09	-1.76E-09	-1.76E-09	-1.76E-09	-1.76E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.60E-09	-4.90E-10	-5.00E-10	-1.40E-09	-1.30E-09	-1.20E-09	-1.20E-09	-8.90E-10

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



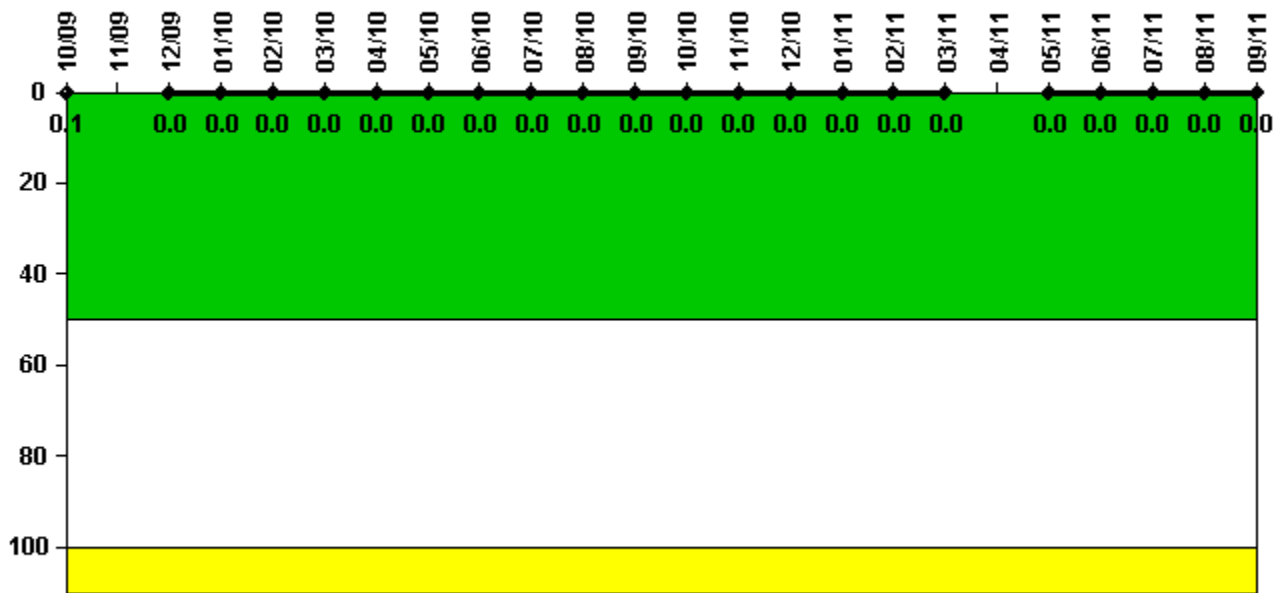
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (ΔCDF)	1.30E-09	1.04E-09	9.13E-10	1.05E-09	9.90E-10	7.28E-10	7.34E-10	6.66E-10
URI (ΔCDF)	6.10E-11	6.11E-11	6.06E-11	5.98E-11	5.98E-11	-2.24E-10	-2.24E-10	-2.24E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.36E-09	1.10E-09	9.70E-10	1.10E-09	1.10E-09	5.00E-10	5.10E-10	4.40E-10

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

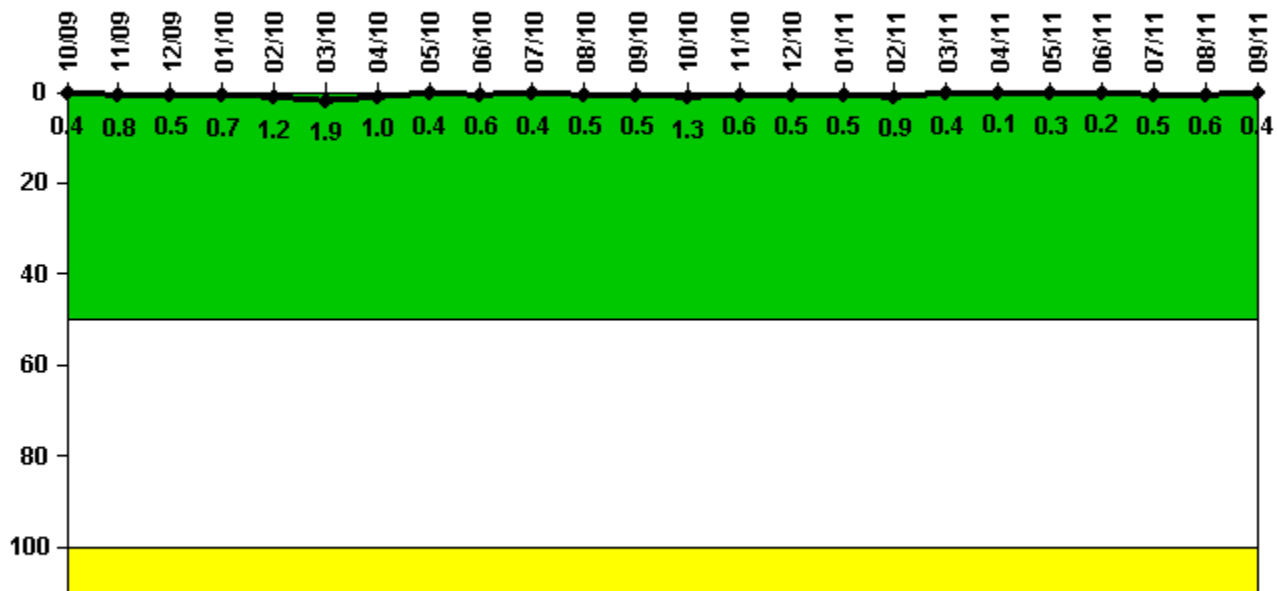
Notes

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	0.000522	N/A	0.000284	0.000278	0.000334	0.000294	0.000295	0.000326	0.000312	0.000330	0.000351	0.000352
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	N/A	0	0	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	10/10	11/10	12/10	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11
Maximum activity	0.000400	0.000430	0.000440	0.000449	0.000455	0.000462	N/A	0.000232	0.000244	0.000360	0.000330	0.000260
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	N/A	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



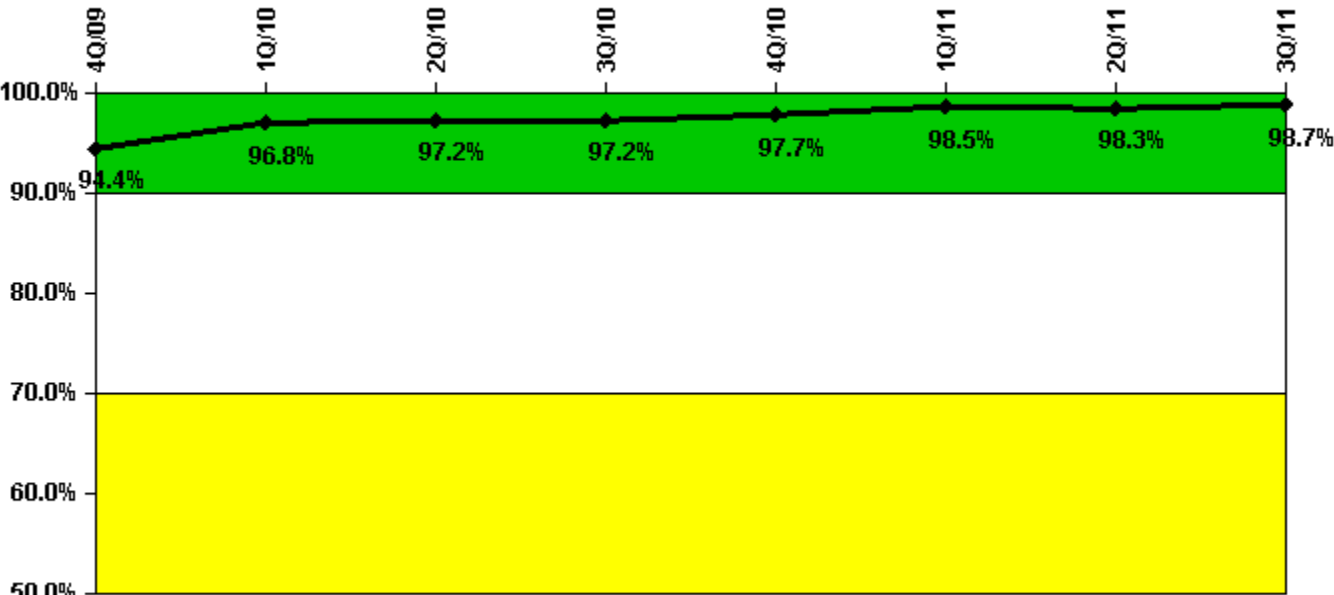
Thresholds: White > 50.0 Yellow > 100.0

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	0.040	0.080	0.050	0.070	0.120	0.190	0.100	0.040	0.060	0.040	0.050	0.050
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.8	0.5	0.7	1.2	1.9	1.0	0.4	0.6	0.4	0.5	0.5
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	0.130	0.060	0.050	0.050	0.090	0.040	0.010	0.030	0.020	0.050	0.060	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.3	0.6	0.5	0.5	0.9	0.4	0.1	0.3	0.2	0.5	0.6	0.4

Licensee Comments: none

Drill/Exercise Performance



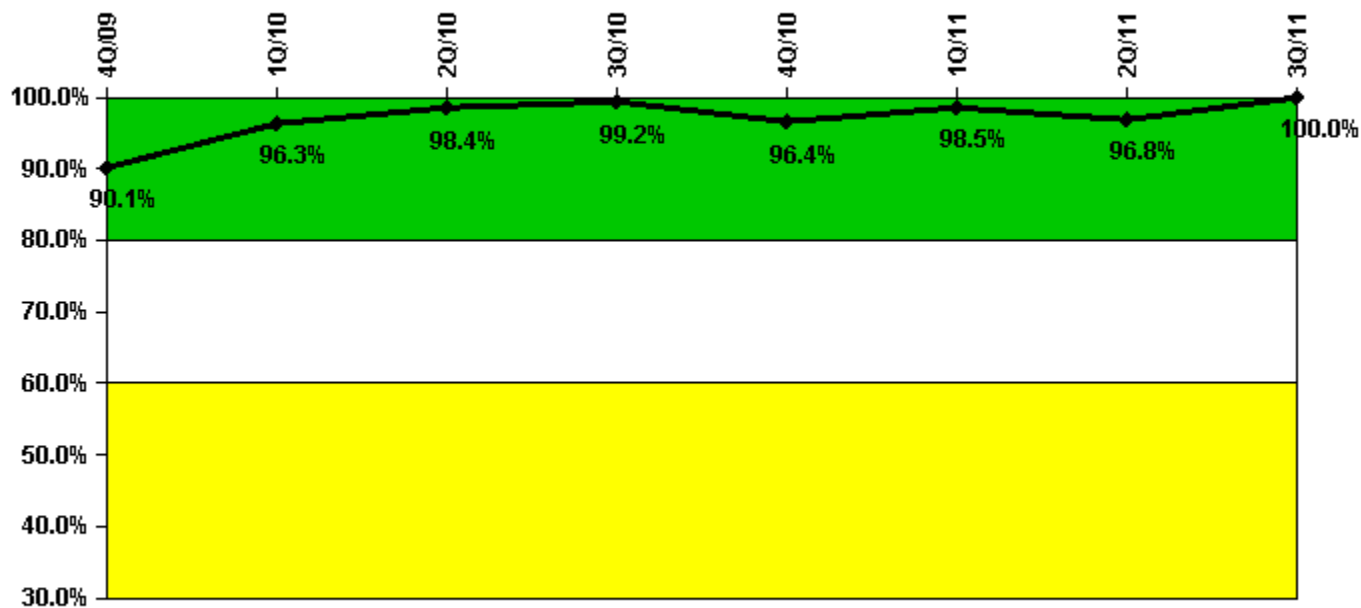
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Successful opportunities	42.0	87.0	21.0	18.0	35.0	45.0	7.0	50.0
Total opportunities	42.0	88.0	21.0	18.0	36.0	46.0	7.0	51.0
Indicator value	94.4%	96.8%	97.2%	97.2%	97.7%	98.5%	98.3%	98.7%

Licensee Comments: none

ERO Drill Participation



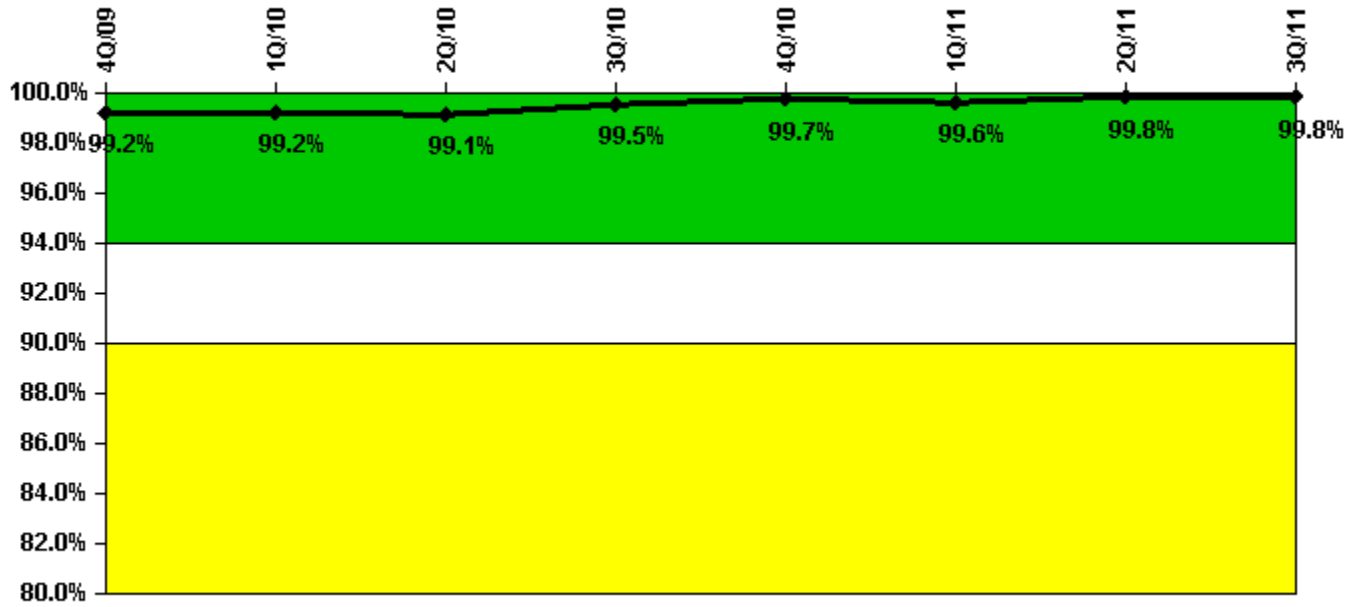
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Participating Key personnel	118.0	131.0	124.0	126.0	135.0	128.0	121.0	117.0
Total Key personnel	131.0	136.0	126.0	127.0	140.0	130.0	125.0	117.0
Indicator value	90.1%	96.3%	98.4%	99.2%	96.4%	98.5%	96.8%	100.0%

Licensee Comments: none

Alert & Notification System



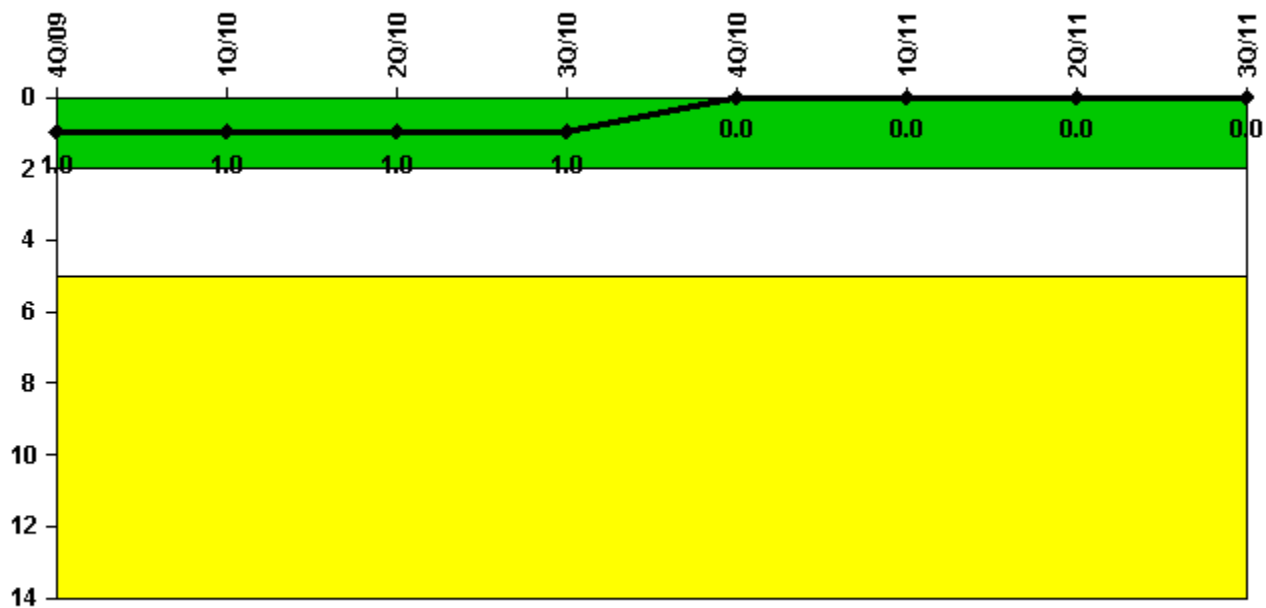
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Successful siren-tests	325	423	326	375	329	375	328	375
Total sirens-tests	329	423	329	376	329	376	329	376
Indicator value	99.2%	99.2%	99.1%	99.5%	99.7%	99.6%	99.8%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



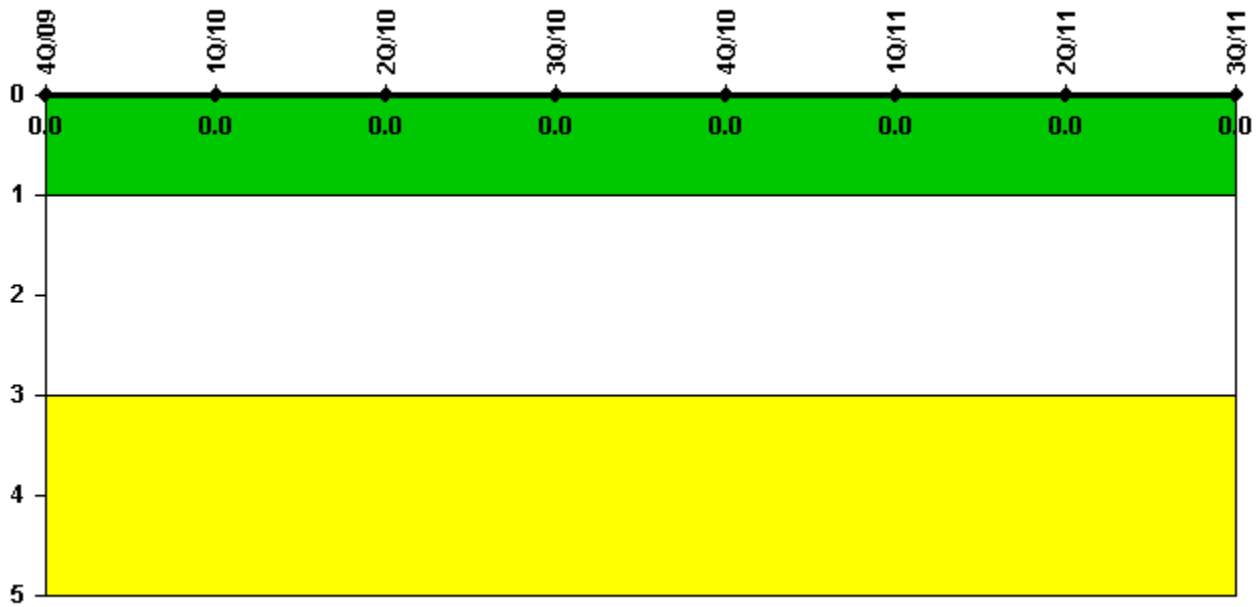
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
High radiation area occurrences	1	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	1	1	1	1	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/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

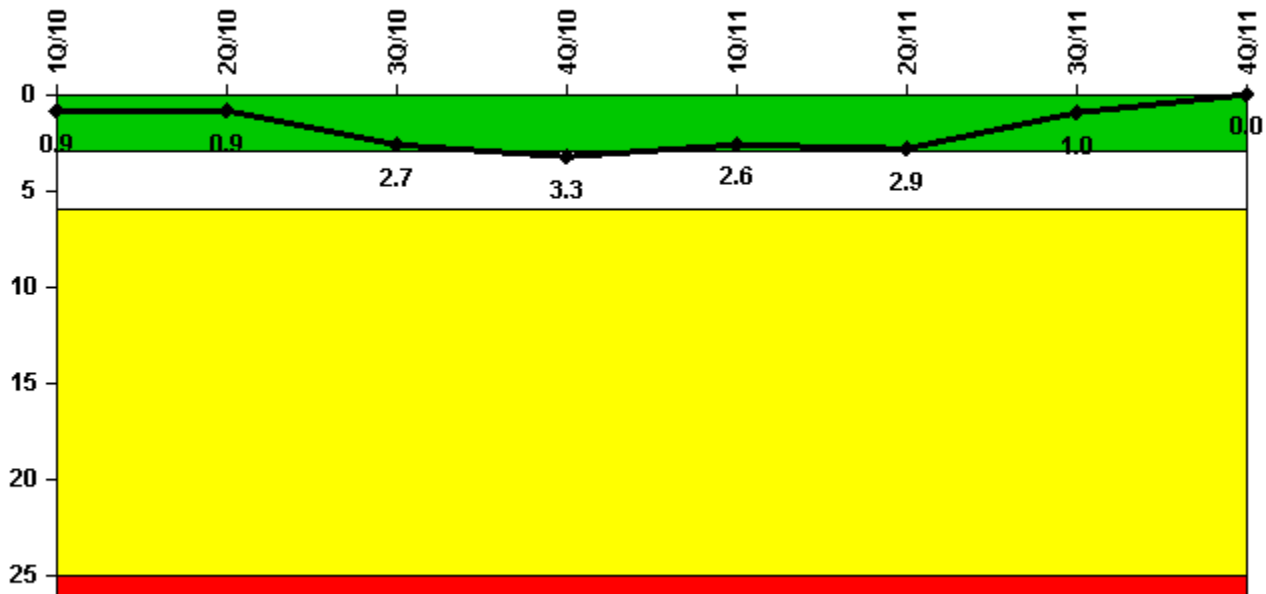
[Security](#) information not publicly available.

Turkey Point 4

4Q/2011 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



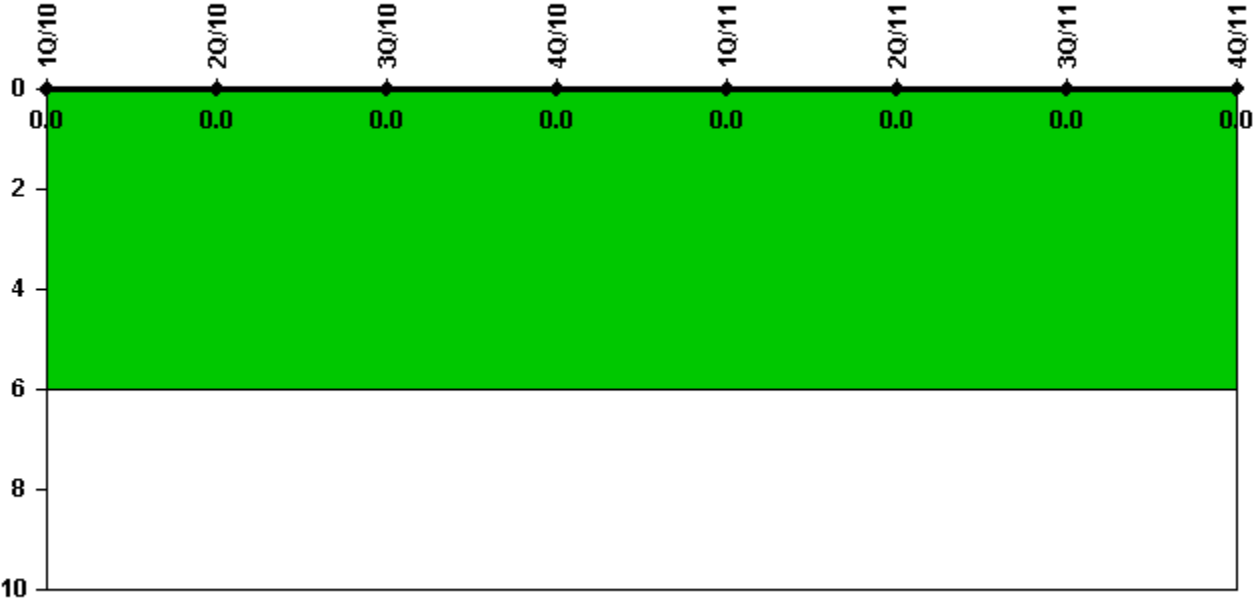
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	2.0	1.0	0	0	0	0
Critical hours	2102.2	2184.0	2118.2	2036.2	1895.0	1114.4	2208.0	2209.0
Indicator value	0.9	0.9	2.7	3.3	2.6	2.9	1.0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



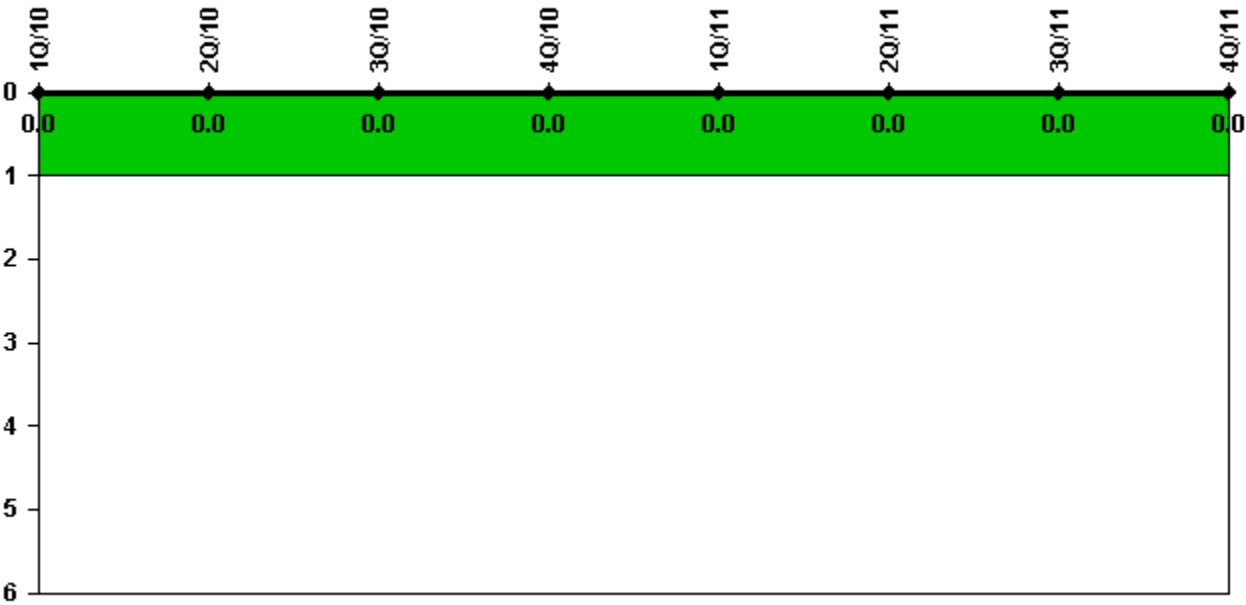
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2102.2	2184.0	2118.2	2036.2	1895.0	1114.4	2208.0	2209.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



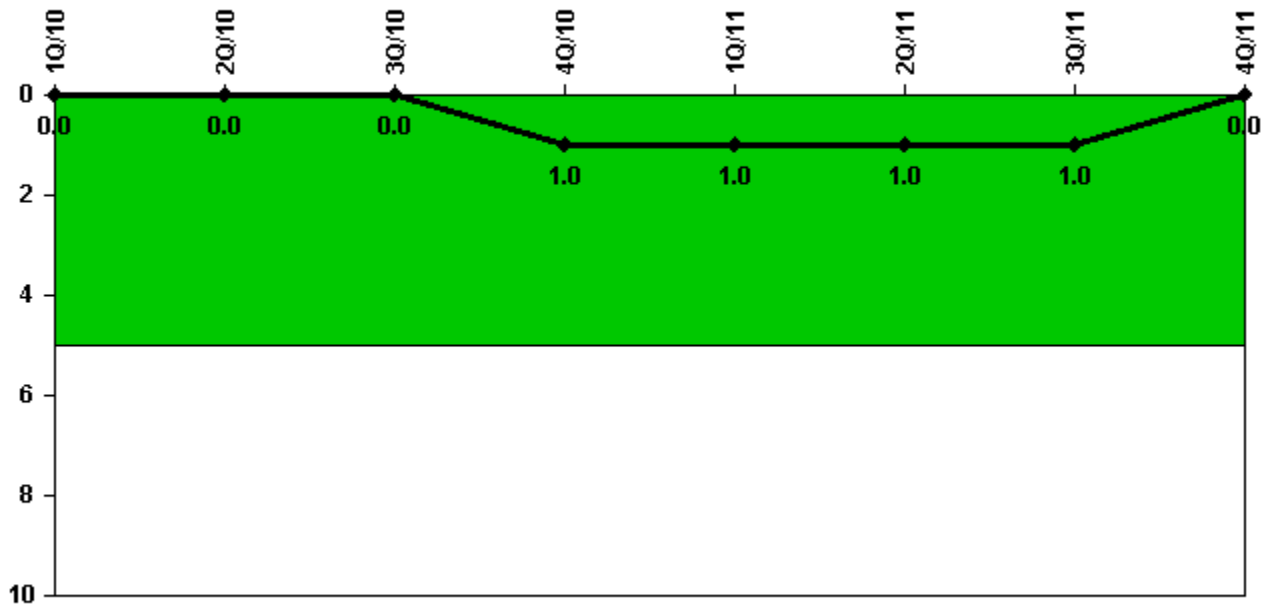
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



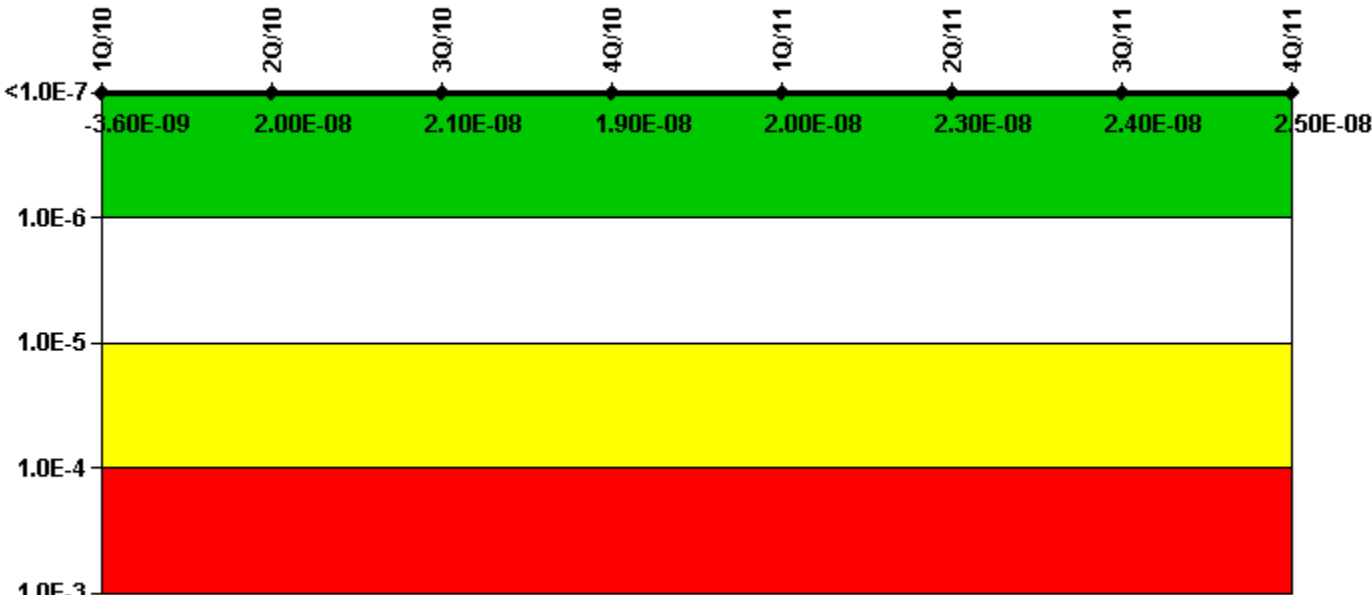
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Safety System Functional Failures	0	0	0	1	0	0	0	0
Indicator value	0	0	0	1	1	1	1	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



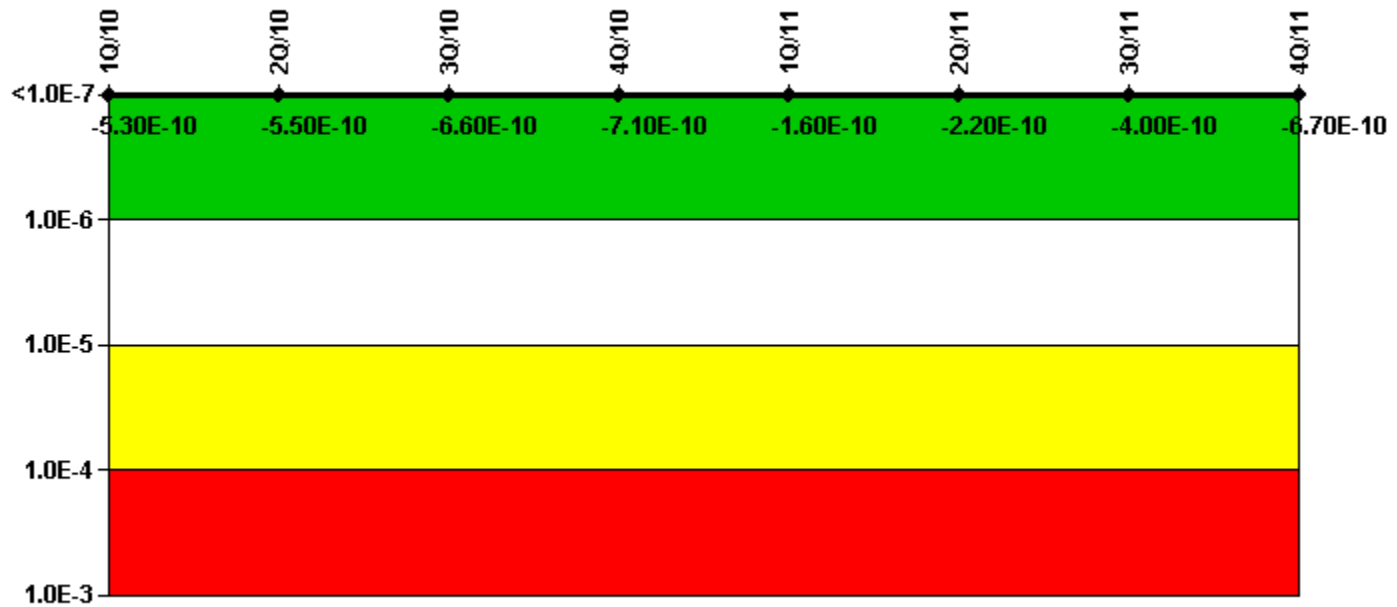
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (ΔCDF)	3.42E-09	6.85E-09	6.79E-09	5.00E-09	5.35E-09	8.87E-09	9.31E-09	1.05E-08
URI (ΔCDF)	-6.98E-09	1.34E-08	1.38E-08	1.38E-08	1.42E-08	1.45E-08	1.51E-08	1.42E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.60E-09	2.00E-08	2.10E-08	1.90E-08	2.00E-08	2.30E-08	2.40E-08	2.50E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



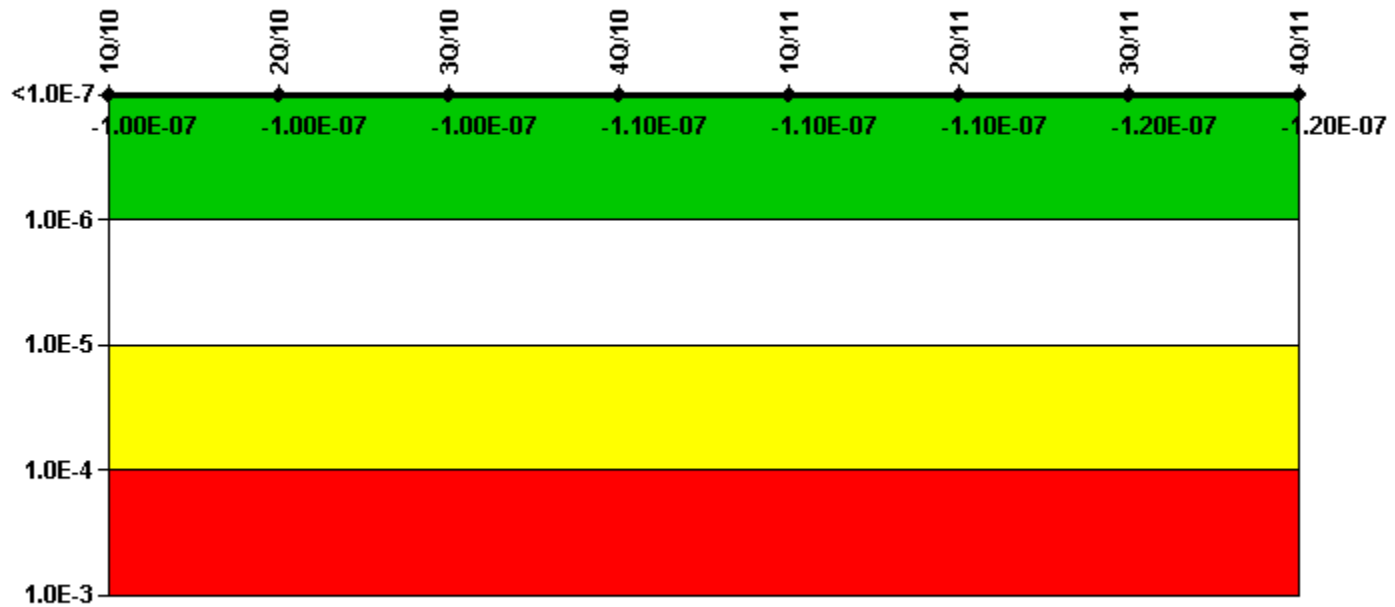
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (ΔCDF)	5.51E-10	5.49E-10	4.41E-10	3.80E-10	9.22E-10	8.57E-10	6.71E-10	3.99E-10
URI (ΔCDF)	-1.08E-09	-1.10E-09	-1.10E-09	-1.09E-09	-1.08E-09	-1.08E-09	-1.07E-09	-1.07E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.30E-10	-5.50E-10	-6.60E-10	-7.10E-10	-1.60E-10	-2.20E-10	-4.00E-10	-6.70E-10

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



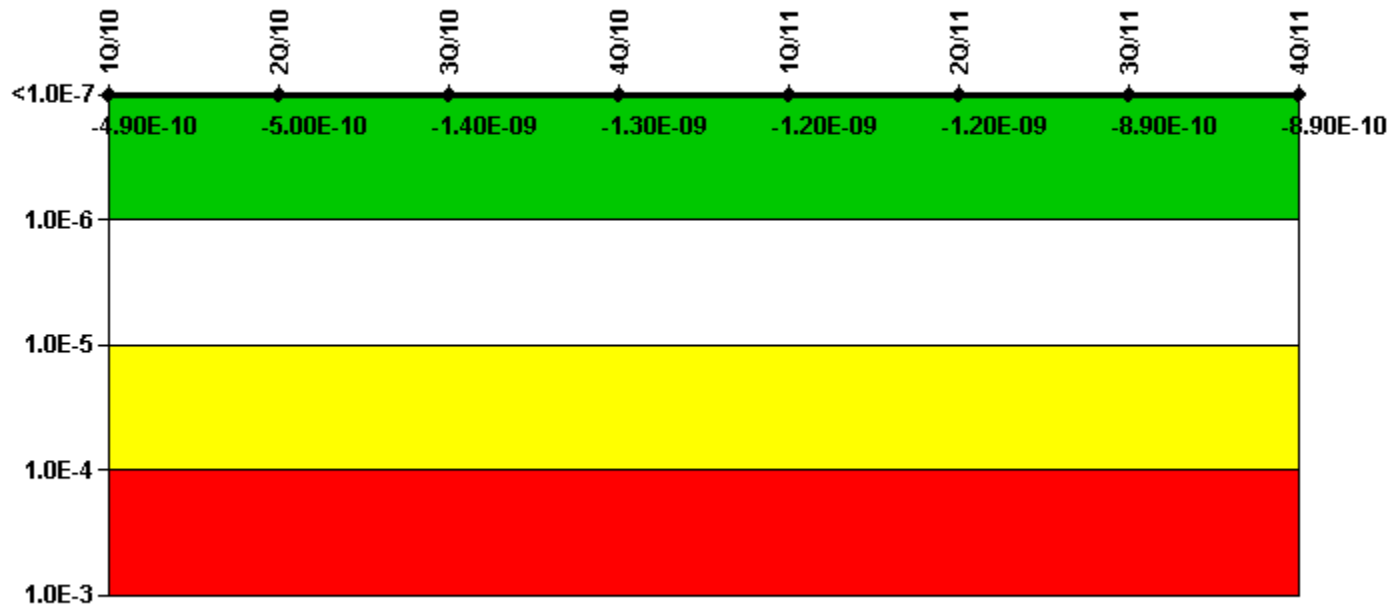
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (Δ CDF)	5.61E-09	4.69E-09	7.27E-09	5.10E-09	6.51E-09	1.89E-09	-1.17E-09	-1.22E-09
URI (Δ CDF)	-1.07E-07	-1.08E-07	-1.10E-07	-1.12E-07	-1.13E-07	-1.14E-07	-1.15E-07	-1.15E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.00E-07	-1.00E-07	-1.00E-07	-1.10E-07	-1.10E-07	-1.10E-07	-1.20E-07	-1.20E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



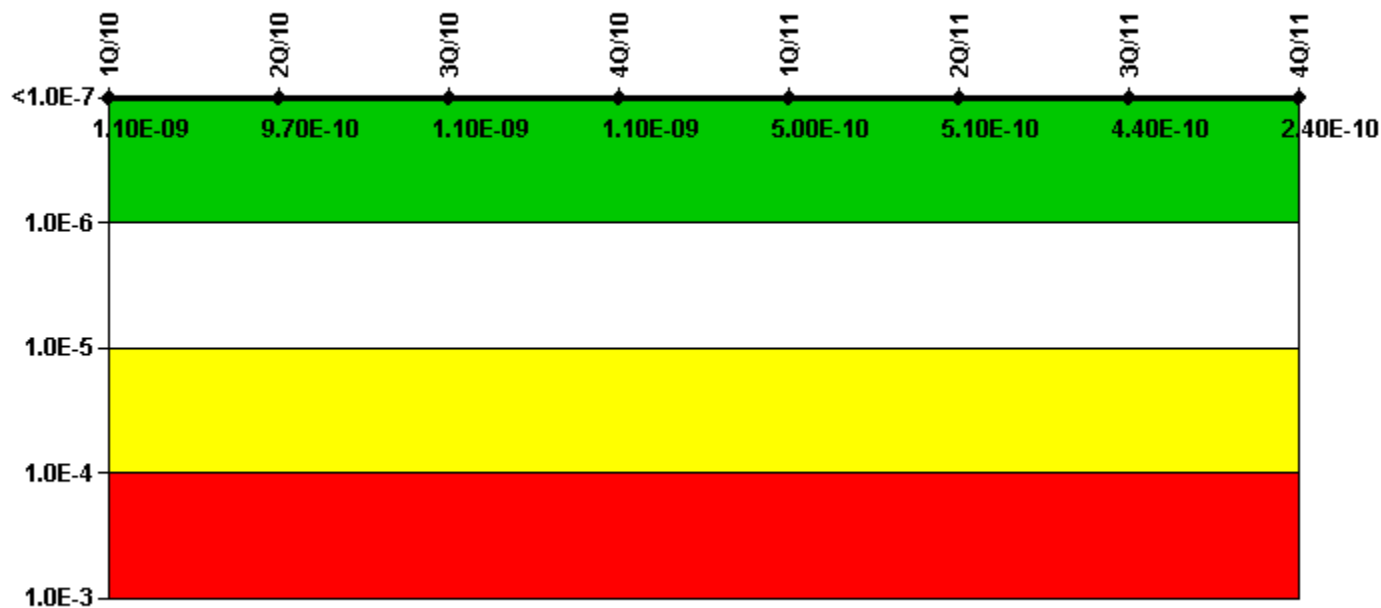
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (ΔCDF)	1.34E-09	1.38E-09	4.83E-10	4.99E-10	5.42E-10	5.64E-10	8.69E-10	8.68E-10
URI (ΔCDF)	-1.83E-09	-1.88E-09	-1.86E-09	-1.76E-09	-1.76E-09	-1.76E-09	-1.76E-09	-1.76E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.90E-10	-5.00E-10	-1.40E-09	-1.30E-09	-1.20E-09	-1.20E-09	-8.90E-10	-8.90E-10

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



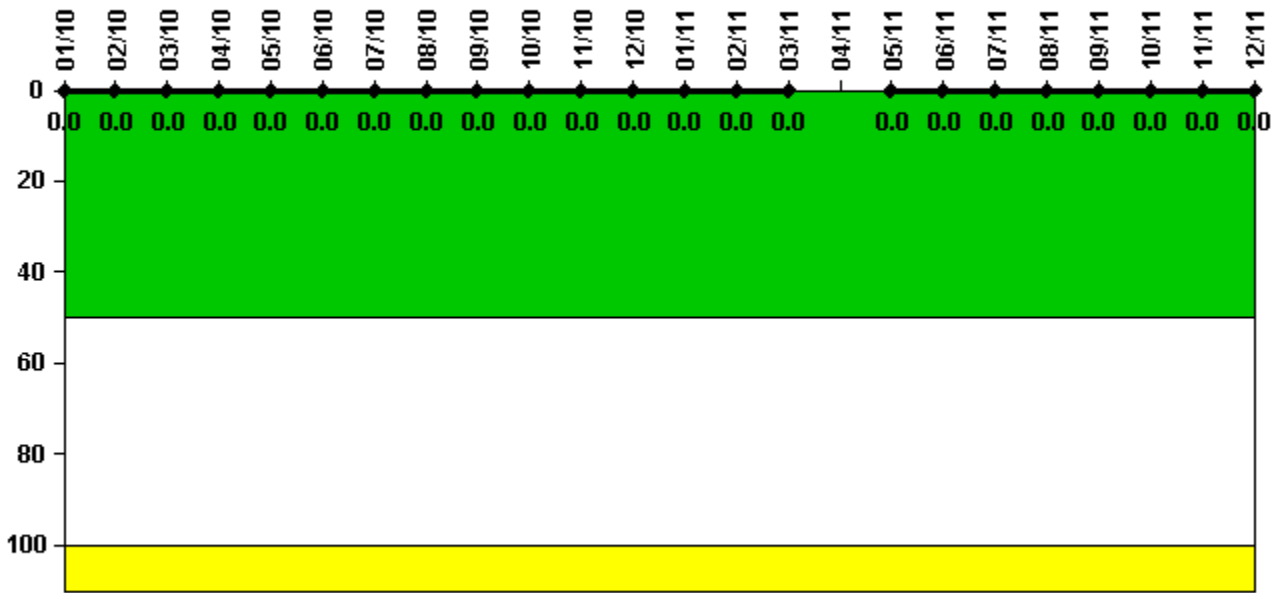
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (ΔCDF)	1.04E-09	9.13E-10	1.05E-09	9.90E-10	7.28E-10	7.34E-10	6.66E-10	4.61E-10
URI (ΔCDF)	6.11E-11	6.06E-11	5.98E-11	5.98E-11	-2.24E-10	-2.24E-10	-2.24E-10	-2.24E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.10E-09	9.70E-10	1.10E-09	1.10E-09	5.00E-10	5.10E-10	4.40E-10	2.40E-10

Licensee Comments: none

Reactor Coolant System Activity



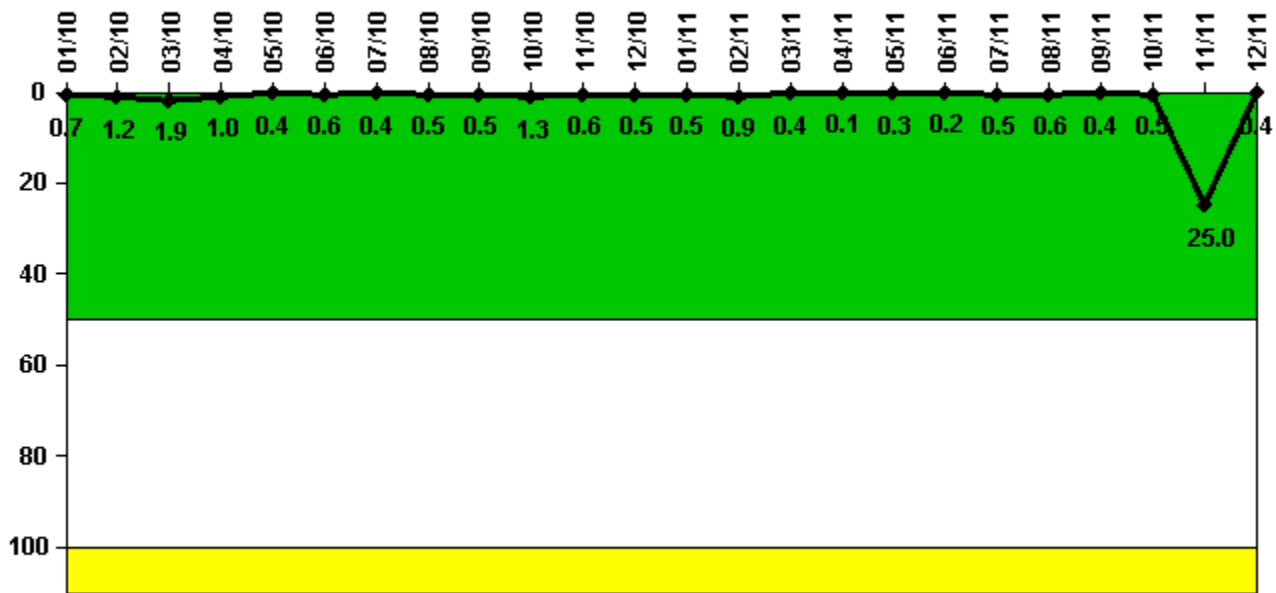
Thresholds: White > 50.0 Yellow > 100.0

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	0.000278	0.000334	0.000294	0.000295	0.000326	0.000312	0.000330	0.000351	0.000352	0.000400	0.000430	0.000440
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11
Maximum activity	0.000449	0.000455	0.000462	N/A	0.000232	0.000244	0.000360	0.000330	0.000260	0.000280	0.000290	0.000290
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	N/A	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



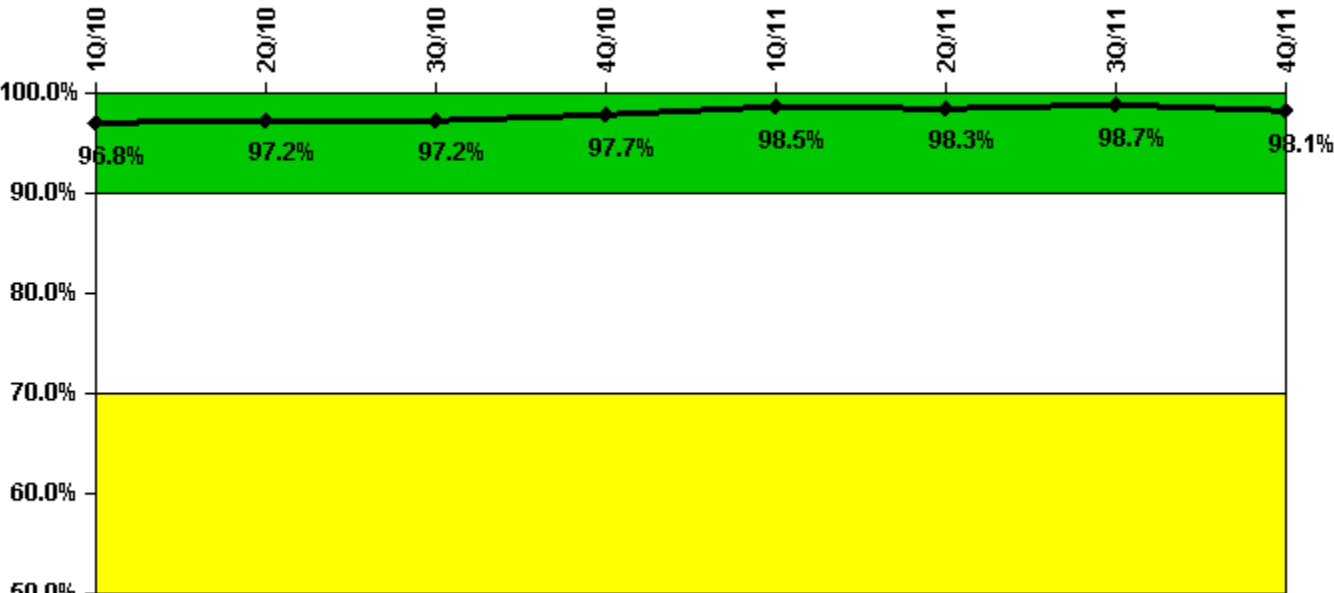
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10
Maximum leakage	0.070	0.120	0.190	0.100	0.040	0.060	0.040	0.050	0.050	0.130	0.060	0.050
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.7	1.2	1.9	1.0	0.4	0.6	0.4	0.5	0.5	1.3	0.6	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	0.050	0.090	0.040	0.010	0.030	0.020	0.050	0.060	0.040	0.045	2.500	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	0.9	0.4	0.1	0.3	0.2	0.5	0.6	0.4	0.5	25.0	0.4

Licensee Comments: none

Drill/Exercise Performance



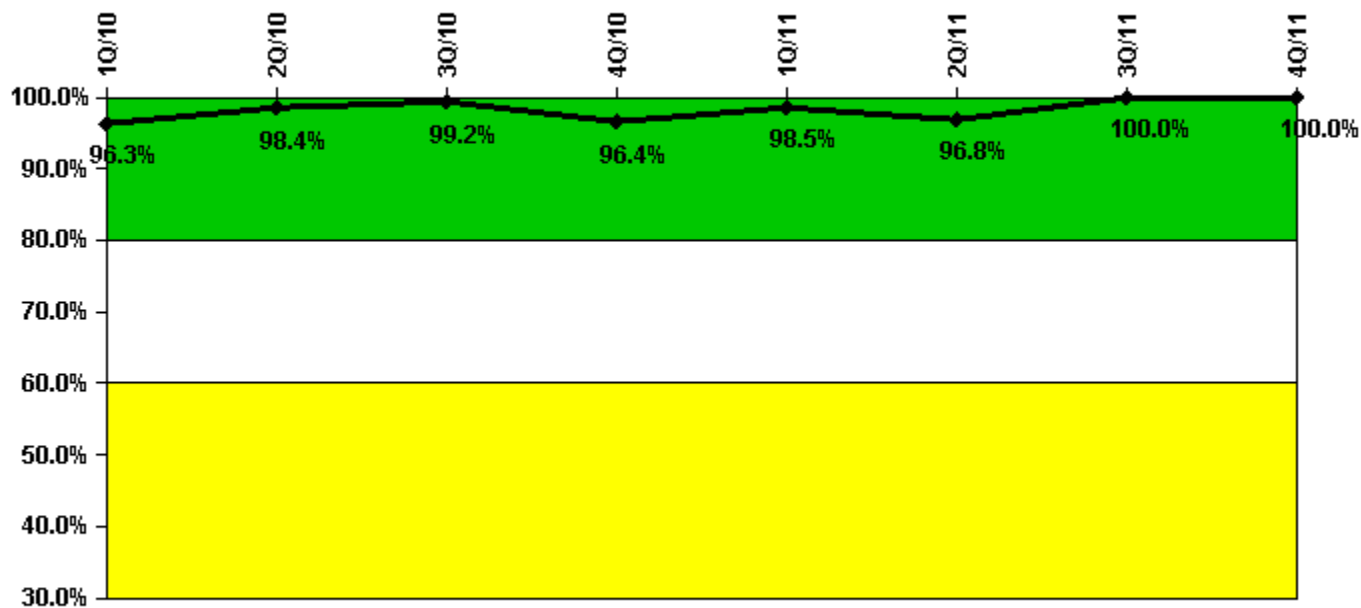
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Successful opportunities	87.0	21.0	18.0	35.0	45.0	7.0	50.0	40.0
Total opportunities	88.0	21.0	18.0	36.0	46.0	7.0	51.0	42.0
Indicator value	96.8%	97.2%	97.2%	97.7%	98.5%	98.3%	98.7%	98.1%

Licensee Comments: none

ERO Drill Participation



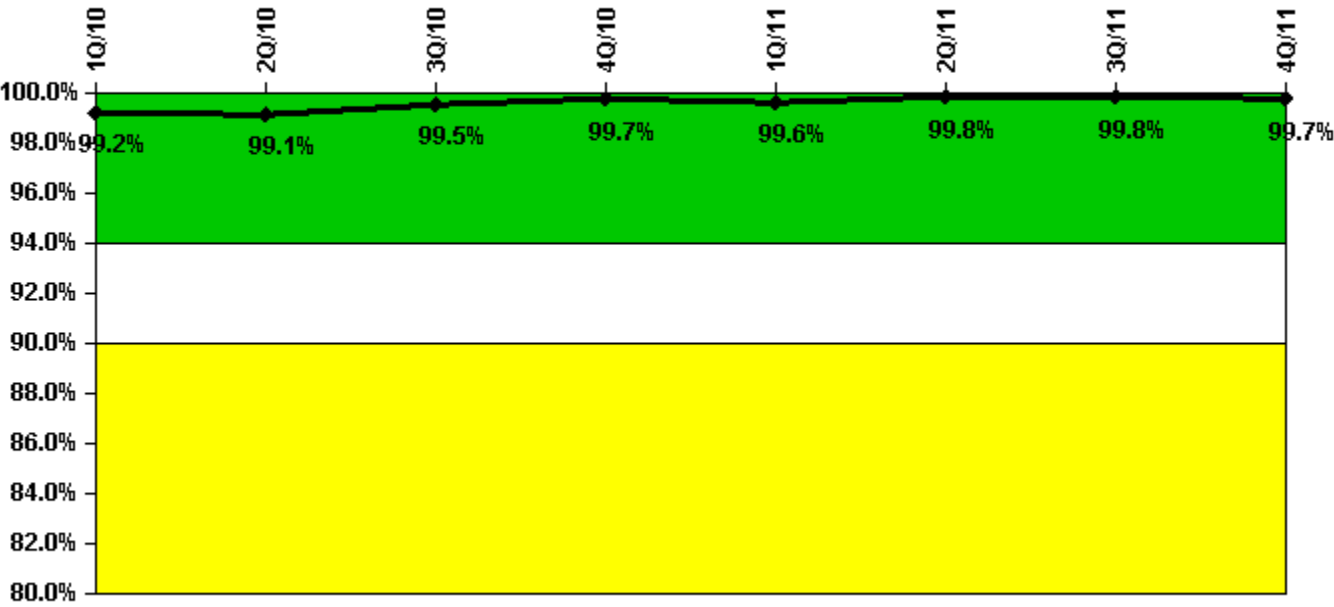
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Participating Key personnel	131.0	124.0	126.0	135.0	128.0	121.0	117.0	113.0
Total Key personnel	136.0	126.0	127.0	140.0	130.0	125.0	117.0	113.0
Indicator value	96.3%	98.4%	99.2%	96.4%	98.5%	96.8%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



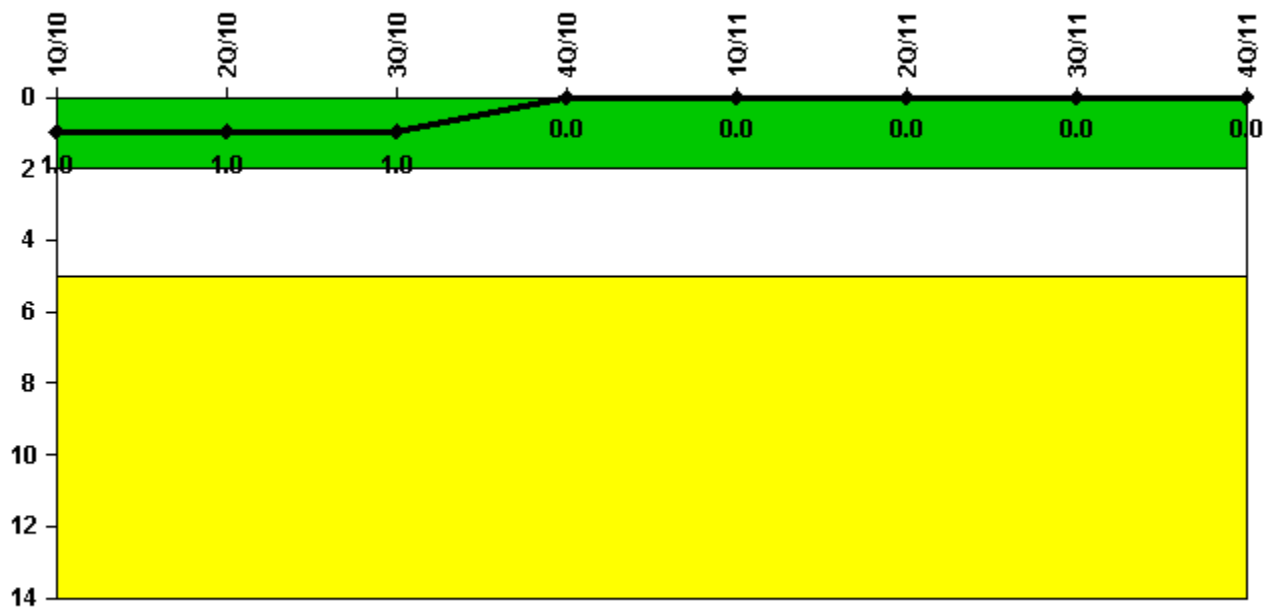
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Successful siren-tests	423	326	375	329	375	328	375	328
Total sirens-tests	423	329	376	329	376	329	376	329
Indicator value	99.2%	99.1%	99.5%	99.7%	99.6%	99.8%	99.8%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



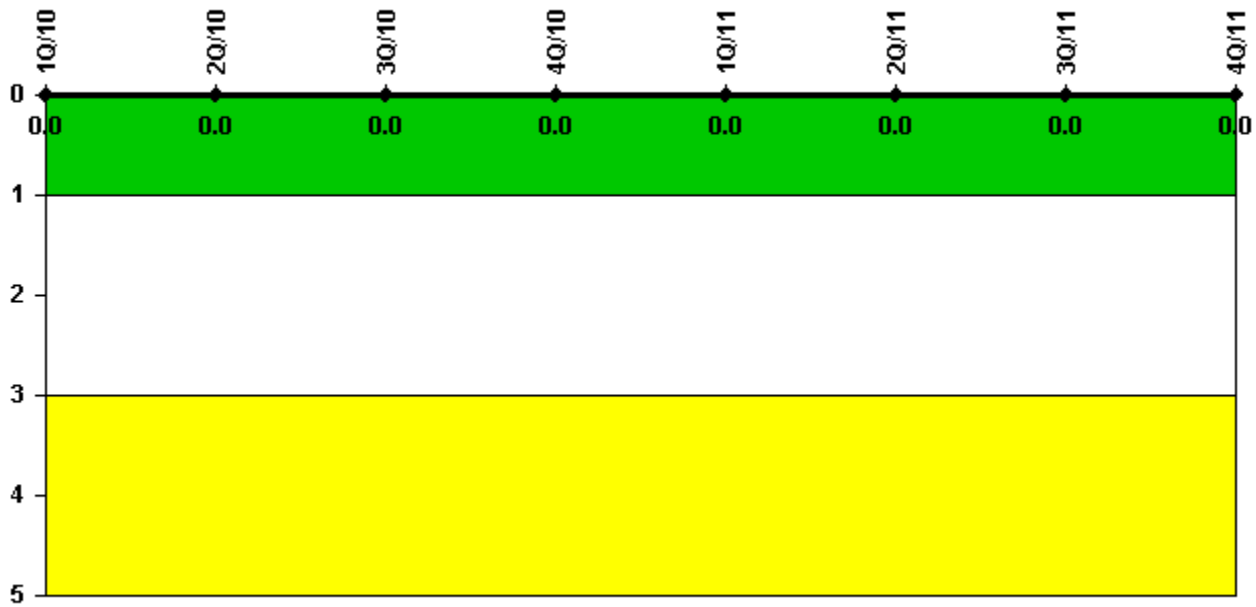
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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	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/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

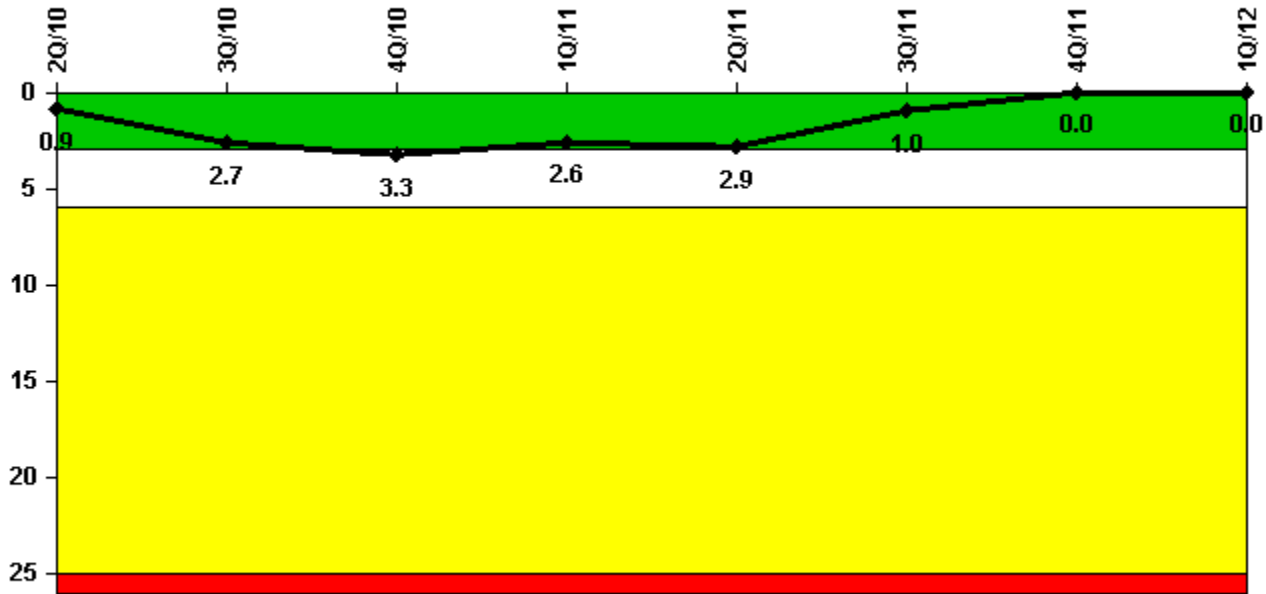
[Security](#) information not publicly available.

Turkey Point 4

1Q/2012 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



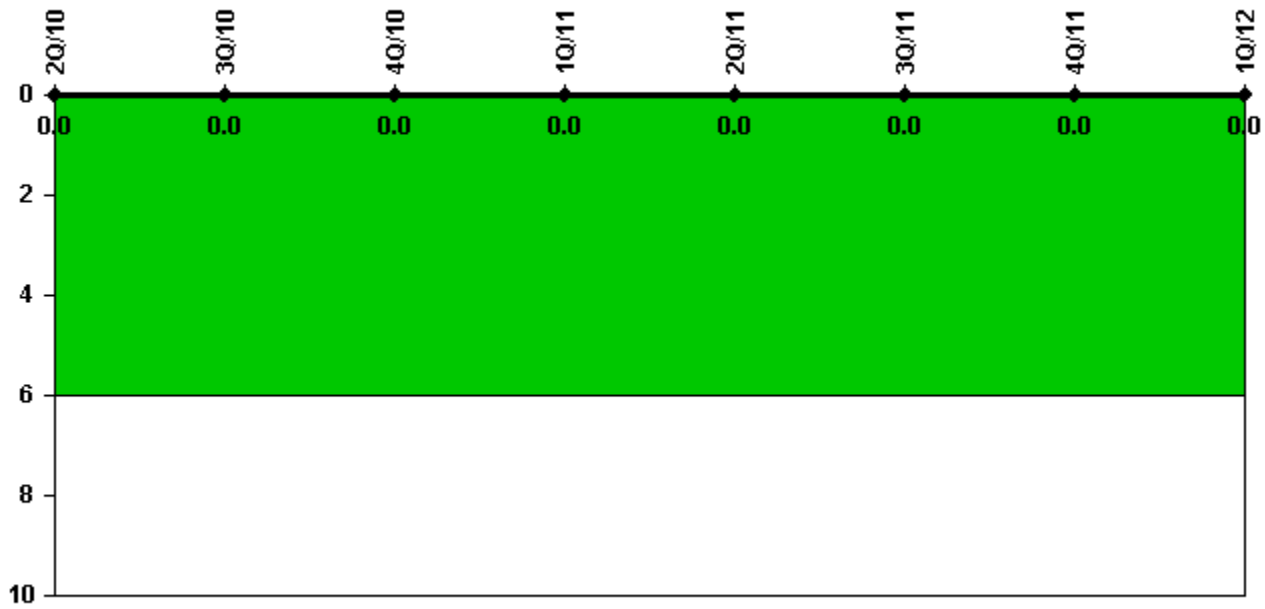
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	2.0	1.0	0	0	0	0	0
Critical hours	2184.0	2118.2	2036.2	1895.0	1114.4	2208.0	2018.9	2183.0
Indicator value	0.9	2.7	3.3	2.6	2.9	1.0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



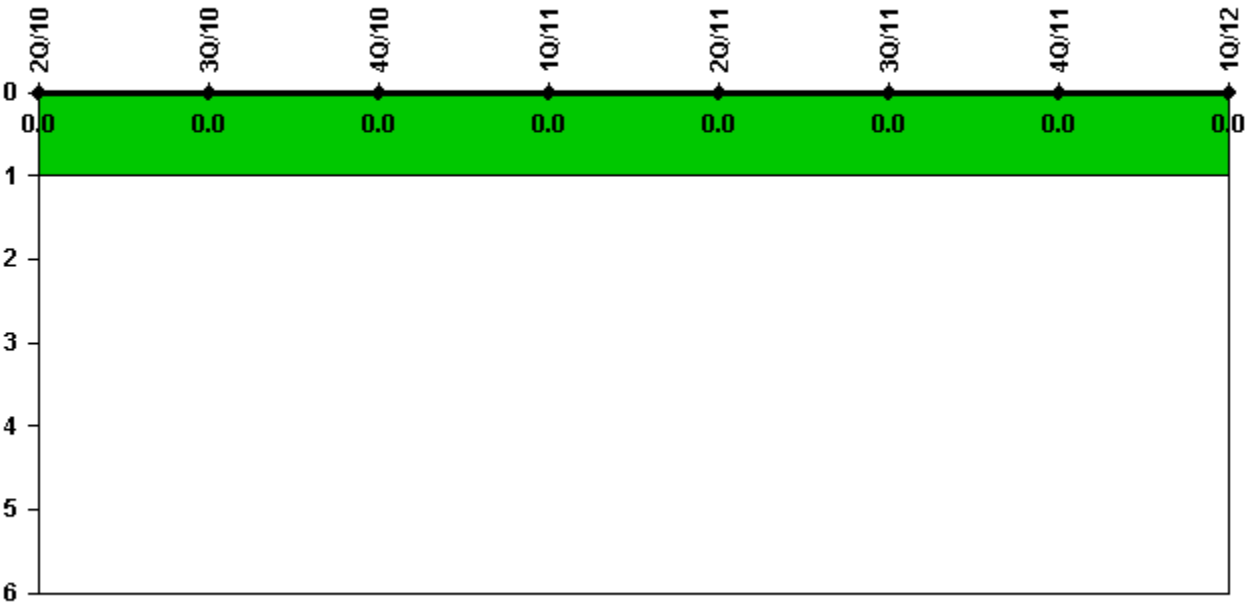
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2184.0	2118.2	2036.2	1895.0	1114.4	2208.0	2018.9	2183.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



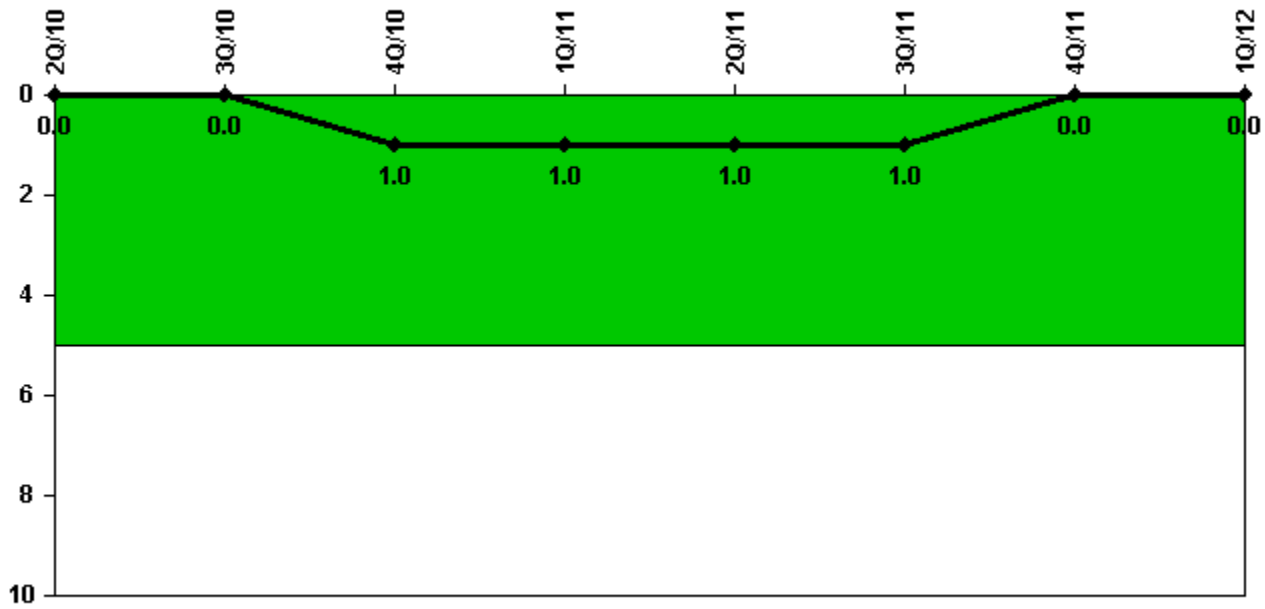
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



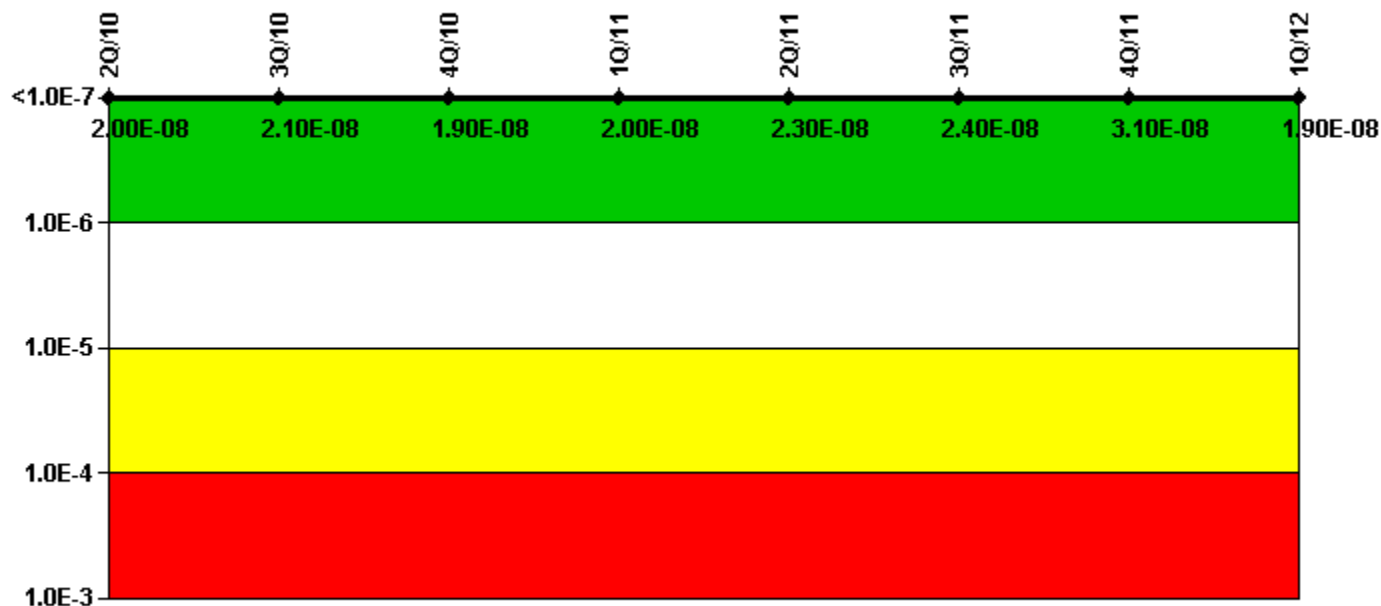
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Safety System Functional Failures	0	0	1	0	0	0	0	0
Indicator value	0	0	1	1	1	1	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



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

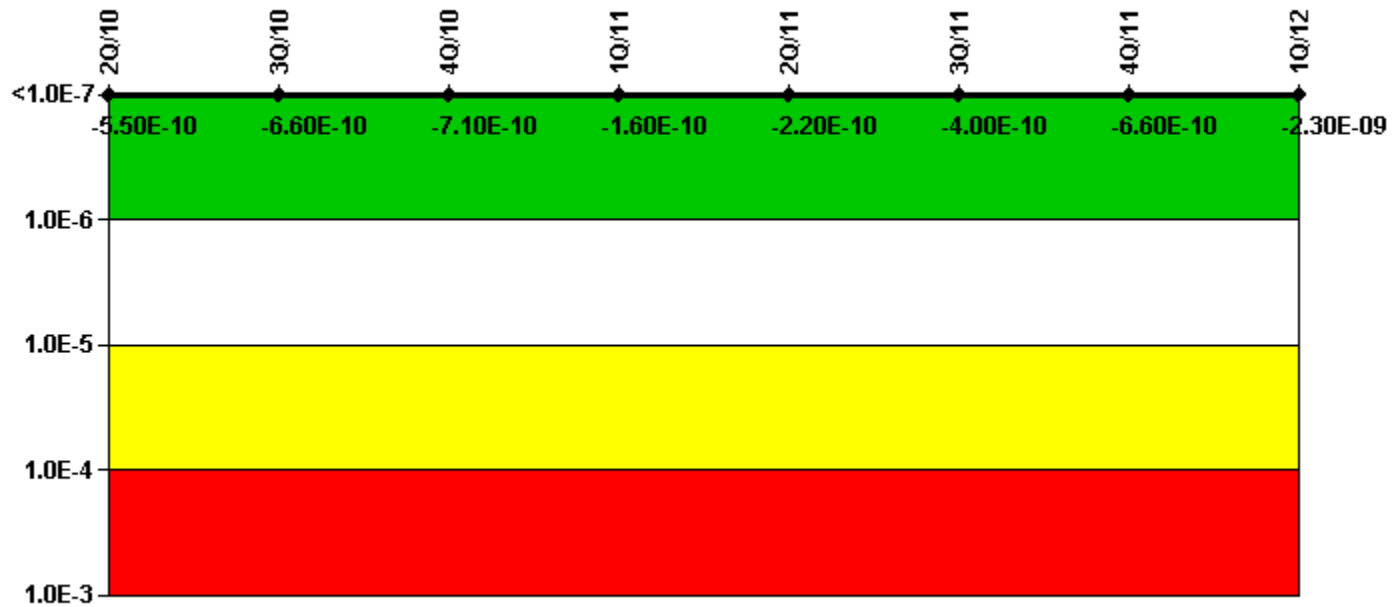
Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (ΔCDF)	6.85E-09	6.79E-09	5.00E-09	5.35E-09	8.87E-09	9.31E-09	1.06E-08	1.20E-08
URI (ΔCDF)	1.34E-08	1.38E-08	1.38E-08	1.42E-08	1.45E-08	1.51E-08	2.03E-08	6.94E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.00E-08	2.10E-08	1.90E-08	2.00E-08	2.30E-08	2.40E-08	3.10E-08	1.90E-08

Licensee Comments:

1Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, High Pressure Injection System



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

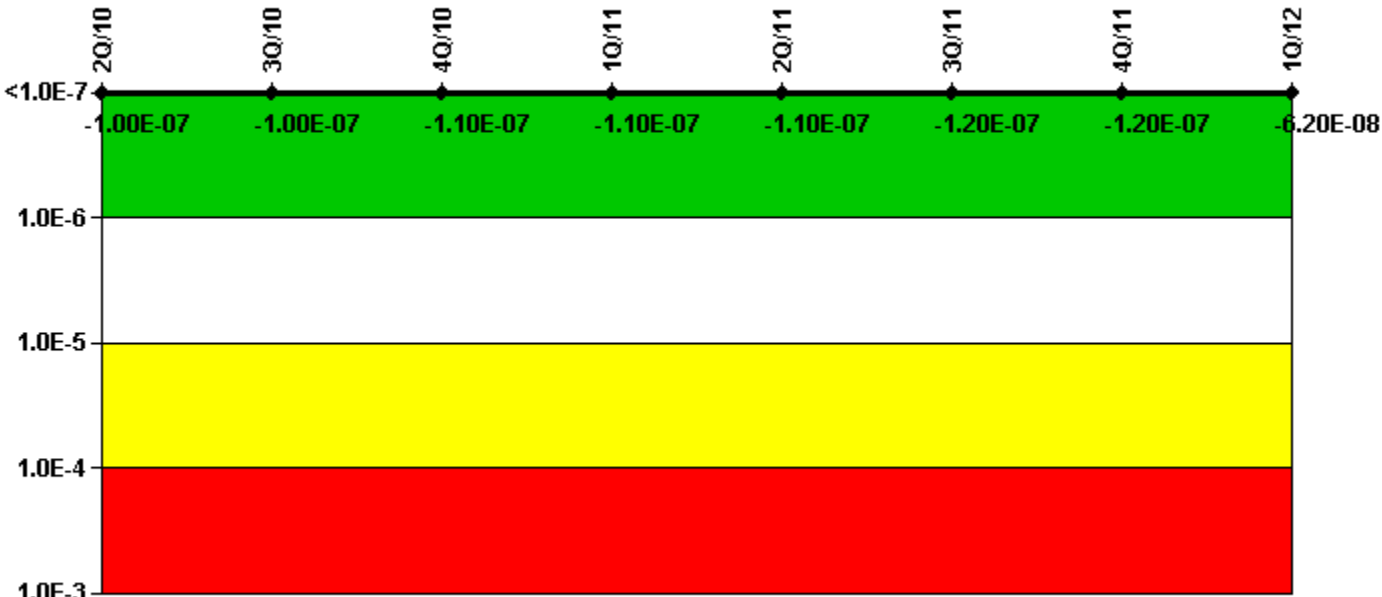
Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (ΔCDF)	5.49E-10	4.41E-10	3.80E-10	9.22E-10	8.57E-10	6.71E-10	4.10E-10	-4.94E-10
URI (ΔCDF)	-1.10E-09	-1.10E-09	-1.09E-09	-1.08E-09	-1.08E-09	-1.07E-09	-1.07E-09	-1.82E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.50E-10	-6.60E-10	-7.10E-10	-1.60E-10	-2.20E-10	-4.00E-10	-6.60E-10	-2.30E-09

Licensee Comments:

1Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



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

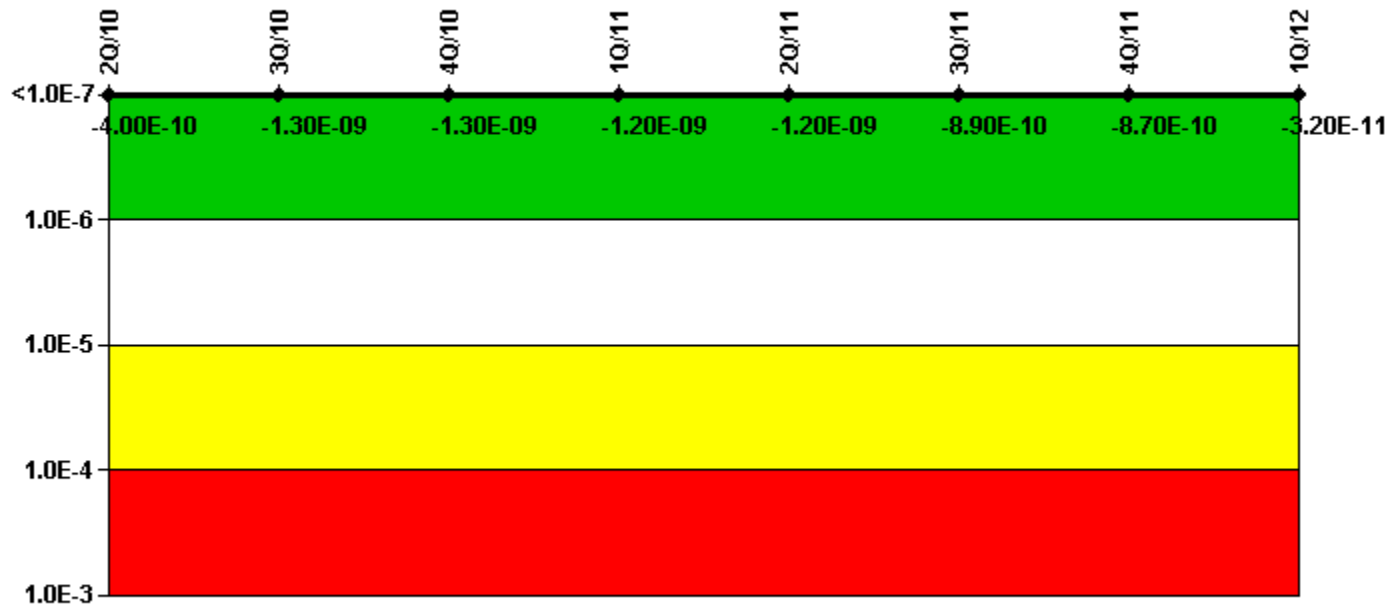
Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (ΔCDF)	4.69E-09	7.27E-09	5.10E-09	6.51E-09	1.89E-09	-1.17E-09	-1.06E-09	-7.18E-10
URI (ΔCDF)	-1.08E-07	-1.10E-07	-1.12E-07	-1.13E-07	-1.14E-07	-1.15E-07	-1.15E-07	-6.11E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.00E-07	-1.00E-07	-1.10E-07	-1.10E-07	-1.10E-07	-1.20E-07	-1.20E-07	-6.20E-08

Licensee Comments:

1Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System



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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (ΔCDF)	1.38E-09	4.83E-10	4.99E-10	5.42E-10	5.64E-10	8.69E-10	8.96E-10	3.77E-11
URI (ΔCDF)	-1.78E-09	-1.76E-09	-1.76E-09	-1.76E-09	-1.76E-09	-1.76E-09	-1.76E-09	-7.01E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.00E-10	-1.30E-09	-1.30E-09	-1.20E-09	-1.20E-09	-8.90E-10	-8.70E-10	-3.20E-11

Licensee Comments:

1Q/12: Changed PRA Parameter(s).

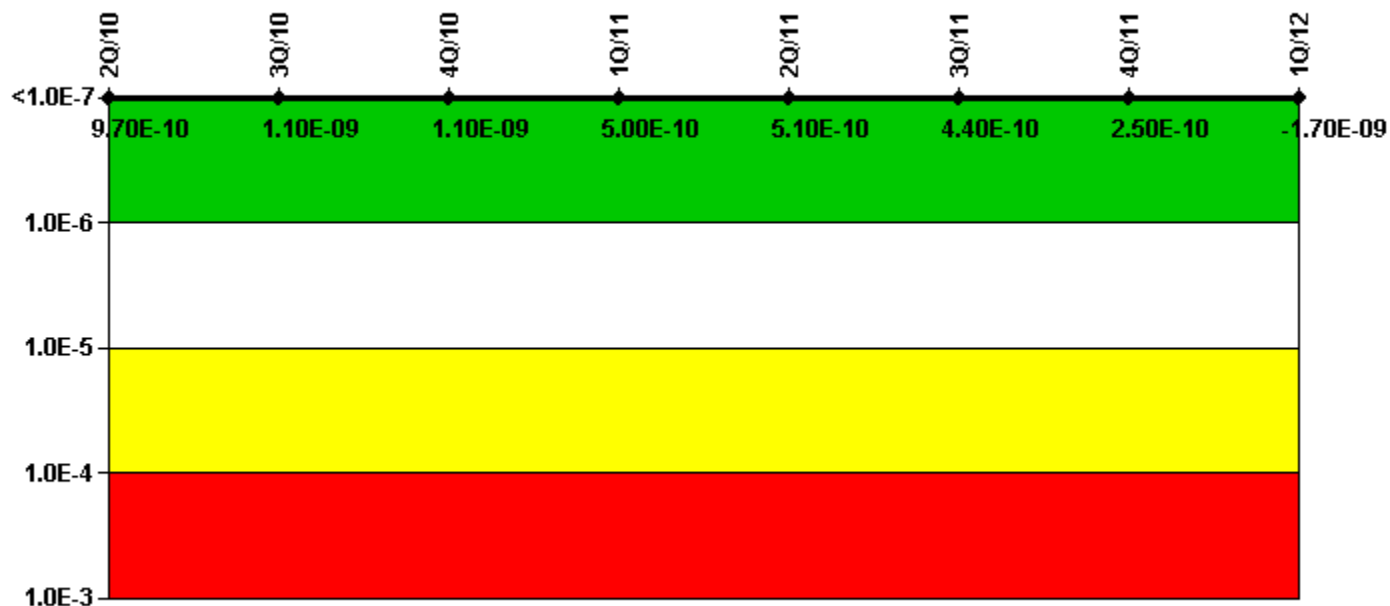
1Q/11: Changed PRA Parameter(s).

4Q/10: Changed PRA Parameter(s).

3Q/10: Changed PRA Parameter(s).

2Q/10: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



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

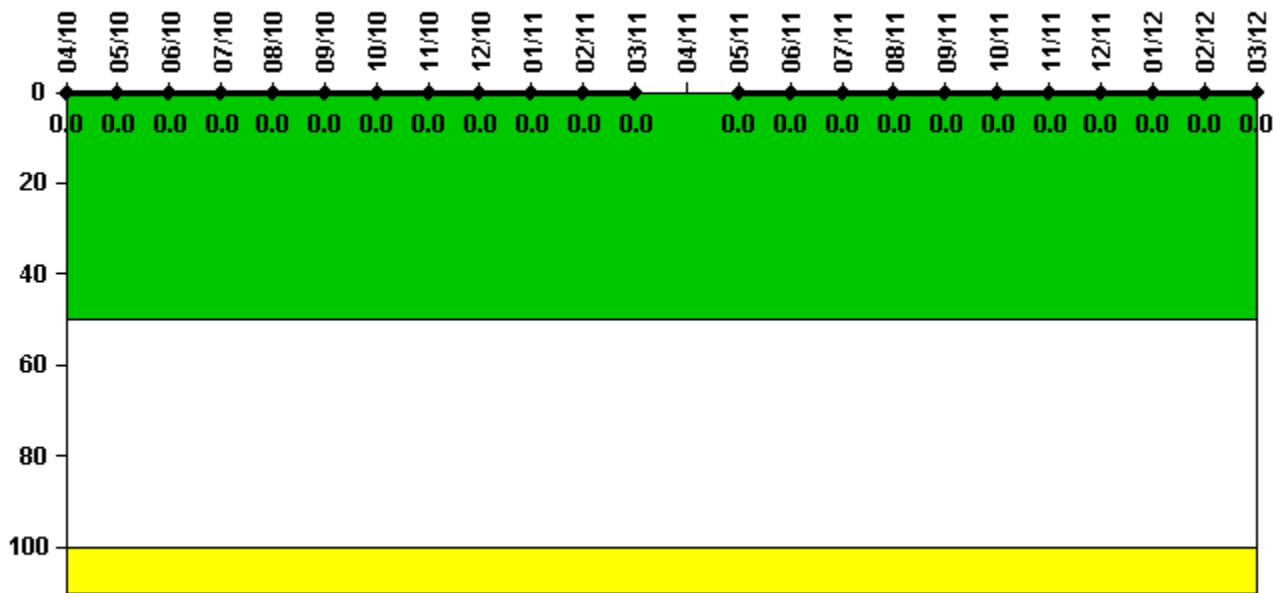
Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (ΔCDF)	9.13E-10	1.05E-09	9.90E-10	7.28E-10	7.34E-10	6.66E-10	4.73E-10	1.91E-09
URI (ΔCDF)	6.06E-11	5.98E-11	5.98E-11	-2.24E-10	-2.24E-10	-2.24E-10	-2.24E-10	-3.58E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	9.70E-10	1.10E-09	1.10E-09	5.00E-10	5.10E-10	4.40E-10	2.50E-10	-1.70E-09

Licensee Comments:

1Q/12: Changed PRA Parameter(s).

Reactor Coolant System Activity



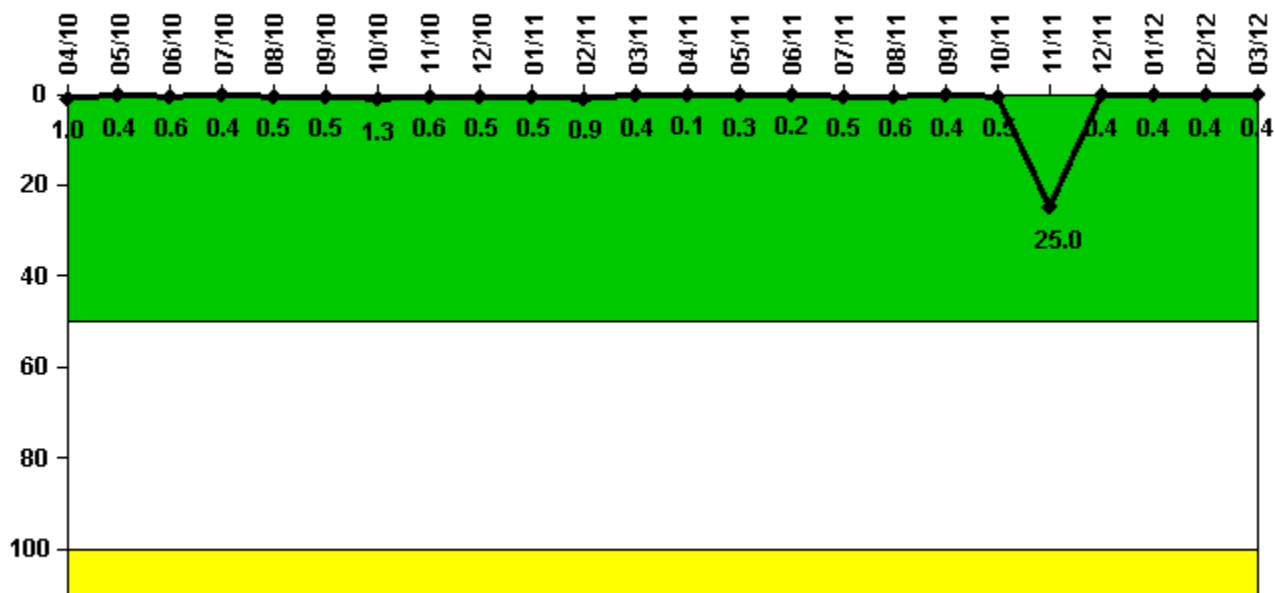
Thresholds: White > 50.0 Yellow > 100.0

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	0.000295	0.000326	0.000312	0.000330	0.000351	0.000352	0.000400	0.000430	0.000440	0.000449	0.000455	0.000462
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12
Maximum activity	N/A	0.000232	0.000244	0.000360	0.000330	0.000260	0.000280	0.000290	0.000290	0.000320	0.000350	0.000320
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	N/A	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



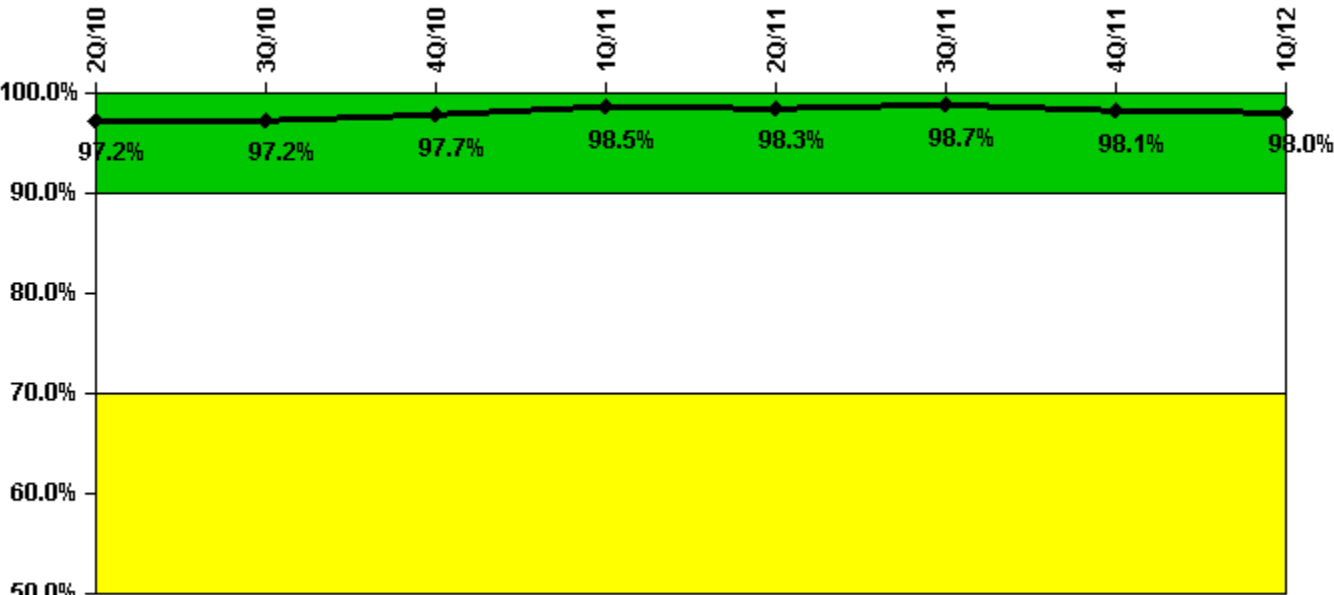
Thresholds: White > 50.0 Yellow > 100.0

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	0.100	0.040	0.060	0.040	0.050	0.050	0.130	0.060	0.050	0.050	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	1.0	0.4	0.6	0.4	0.5	0.5	1.3	0.6	0.5	0.5	0.9	0.4
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	0.010	0.030	0.020	0.050	0.060	0.040	0.045	2.500	0.040	0.040	0.040	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.3	0.2	0.5	0.6	0.4	0.5	25.0	0.4	0.4	0.4	0.4

Licensee Comments: none

Drill/Exercise Performance



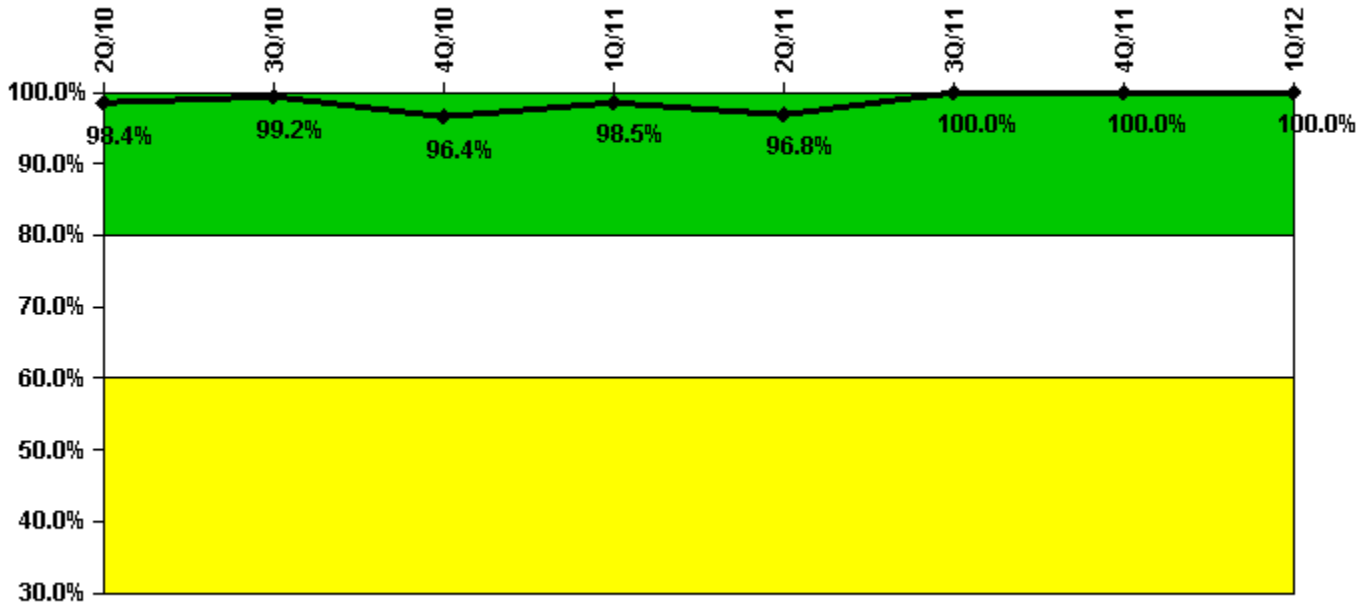
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Successful opportunities	21.0	18.0	35.0	45.0	7.0	58.0	40.0	24.0
Total opportunities	21.0	18.0	36.0	46.0	7.0	59.0	42.0	24.0
Indicator value	97.2%	97.2%	97.7%	98.5%	98.3%	98.7%	98.1%	98.0%

Licensee Comments: none

ERO Drill Participation



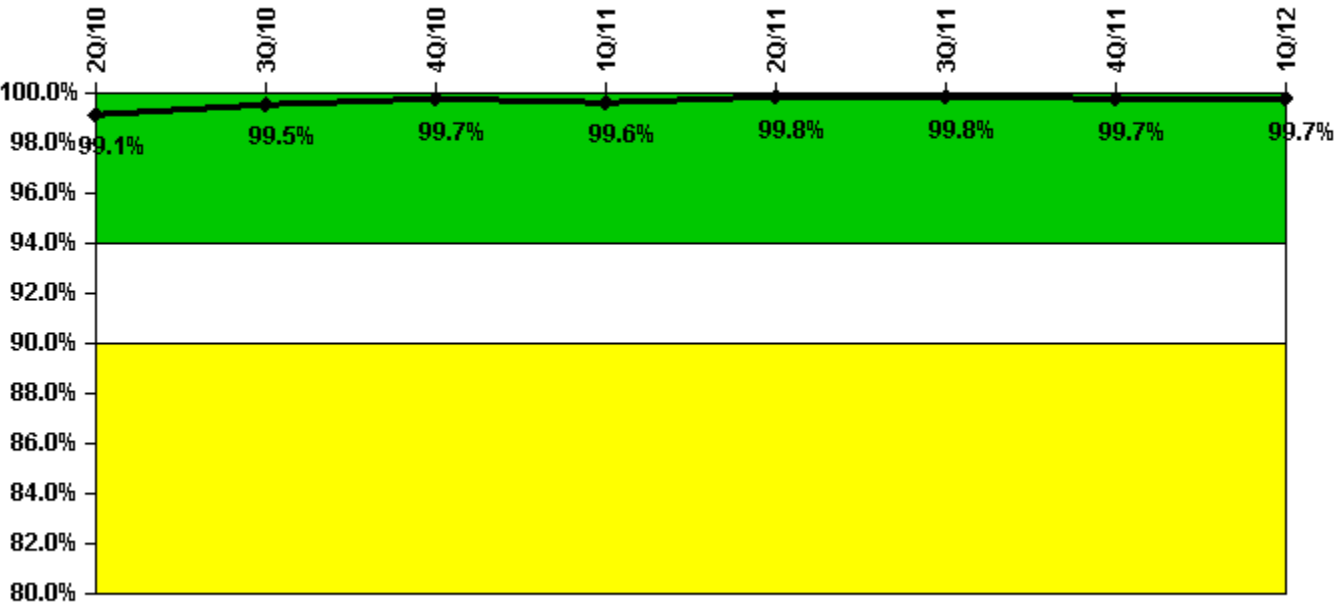
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Participating Key personnel	124.0	126.0	135.0	128.0	121.0	117.0	113.0	104.0
Total Key personnel	126.0	127.0	140.0	130.0	125.0	117.0	113.0	104.0
Indicator value	98.4%	99.2%	96.4%	98.5%	96.8%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



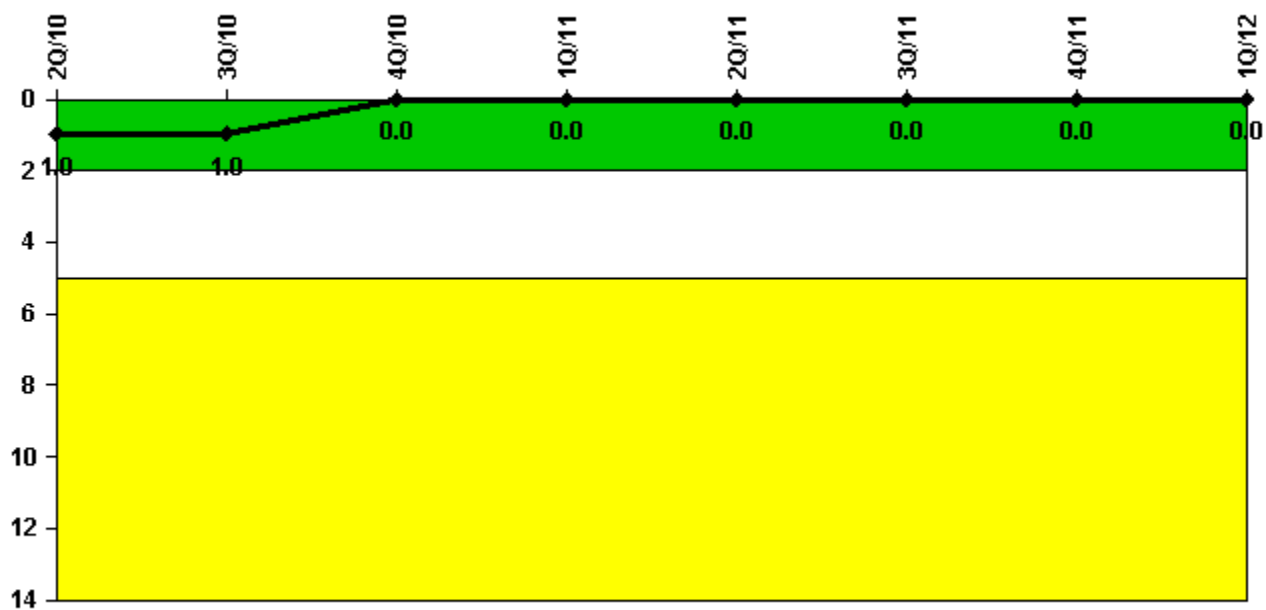
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Successful siren-tests	326	375	329	375	328	375	328	375
Total sirens-tests	329	376	329	376	329	376	329	376
Indicator value	99.1%	99.5%	99.7%	99.6%	99.8%	99.8%	99.7%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



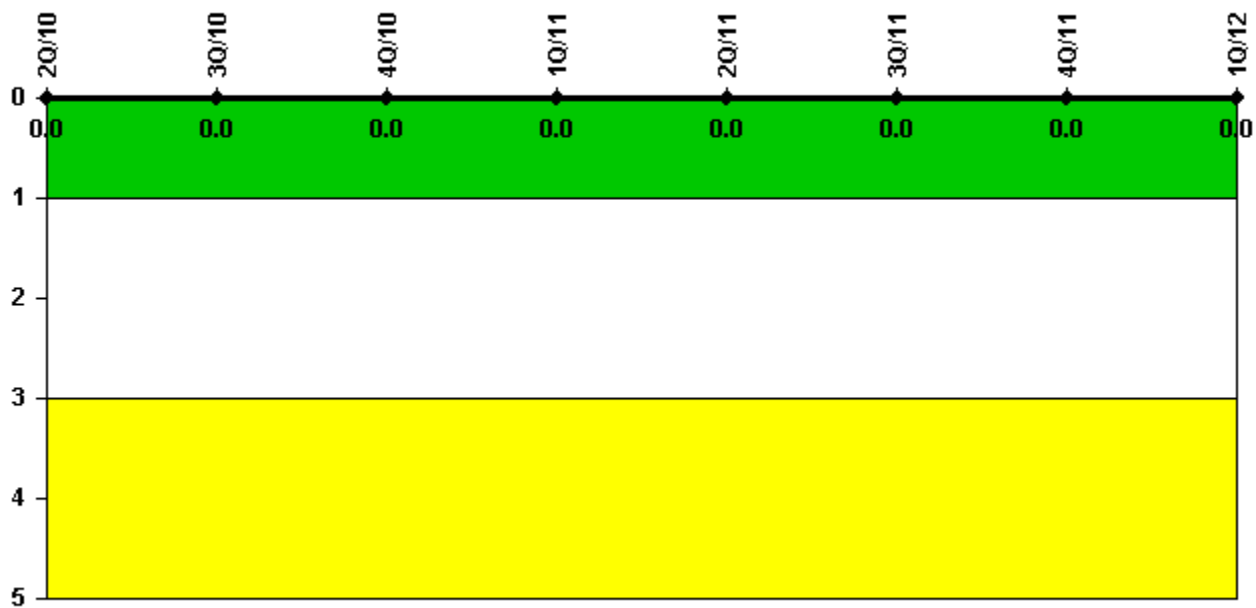
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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	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/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

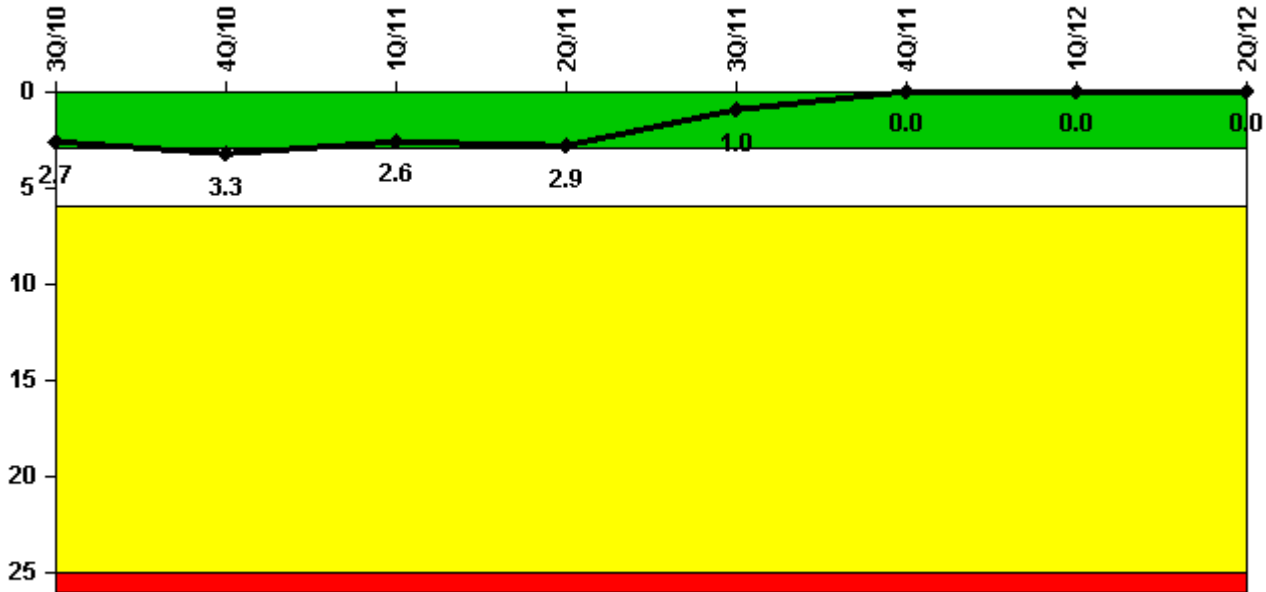
[Security](#) information not publicly available.

Turkey Point 4

2Q/2012 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



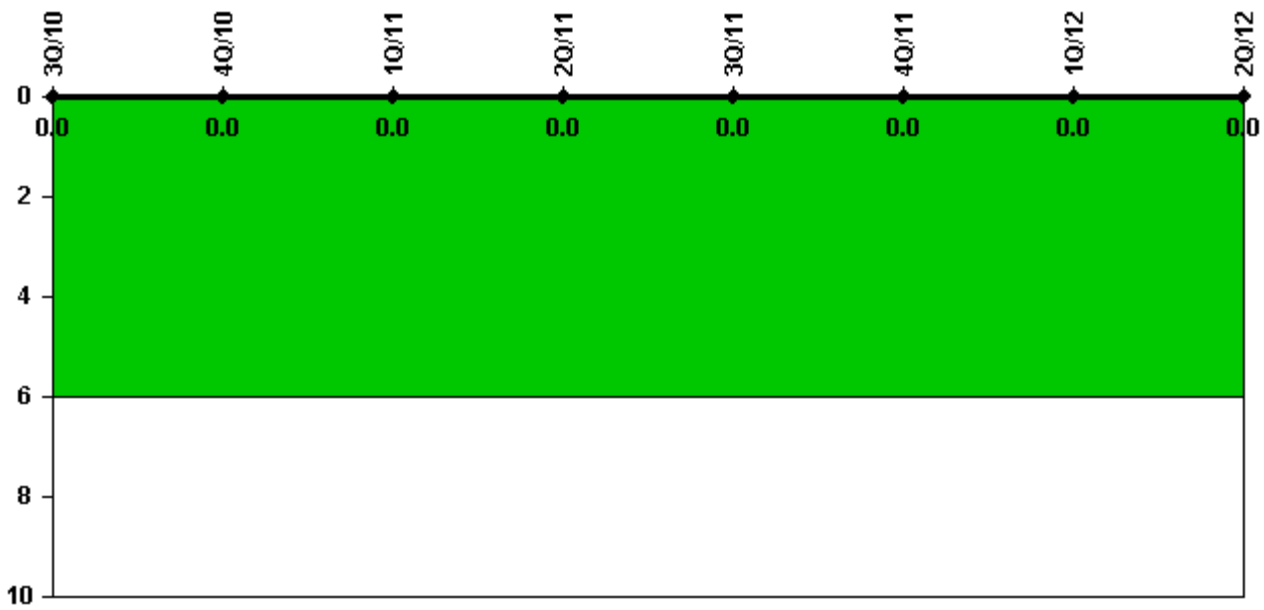
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	2.0	1.0	0	0	0	0	0	0
Critical hours	2118.2	2036.2	1895.0	1114.4	2208.0	2018.9	2183.0	2184.0
Indicator value	2.7	3.3	2.6	2.9	1.0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



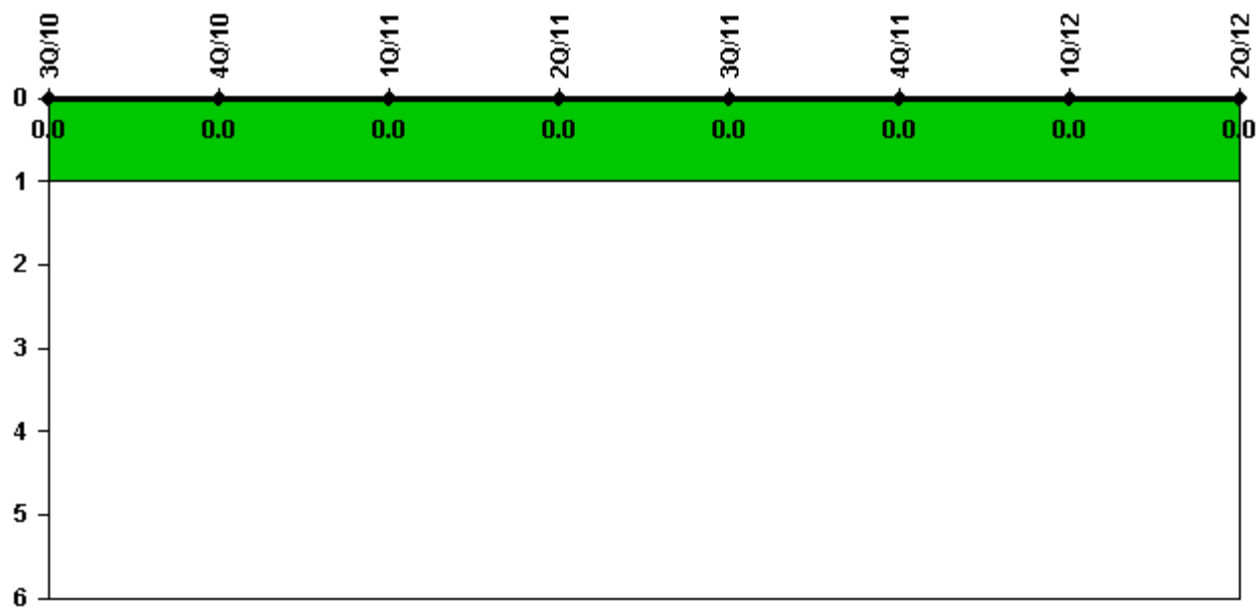
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2118.2	2036.2	1895.0	1114.4	2208.0	2018.9	2183.0	2184.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



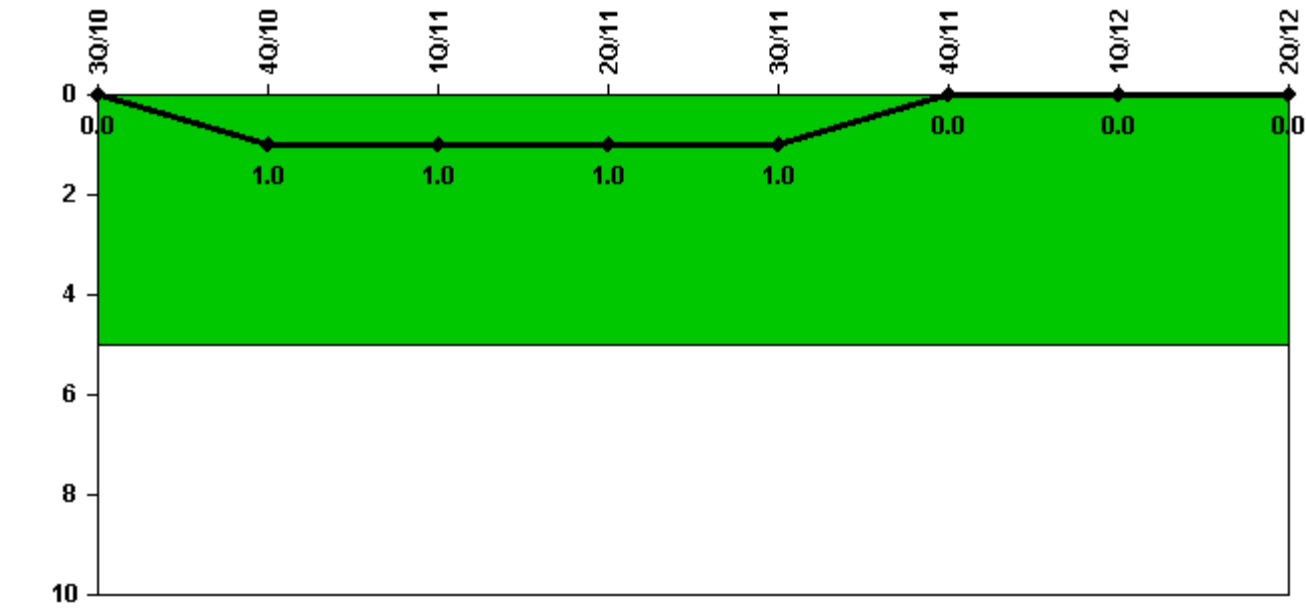
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



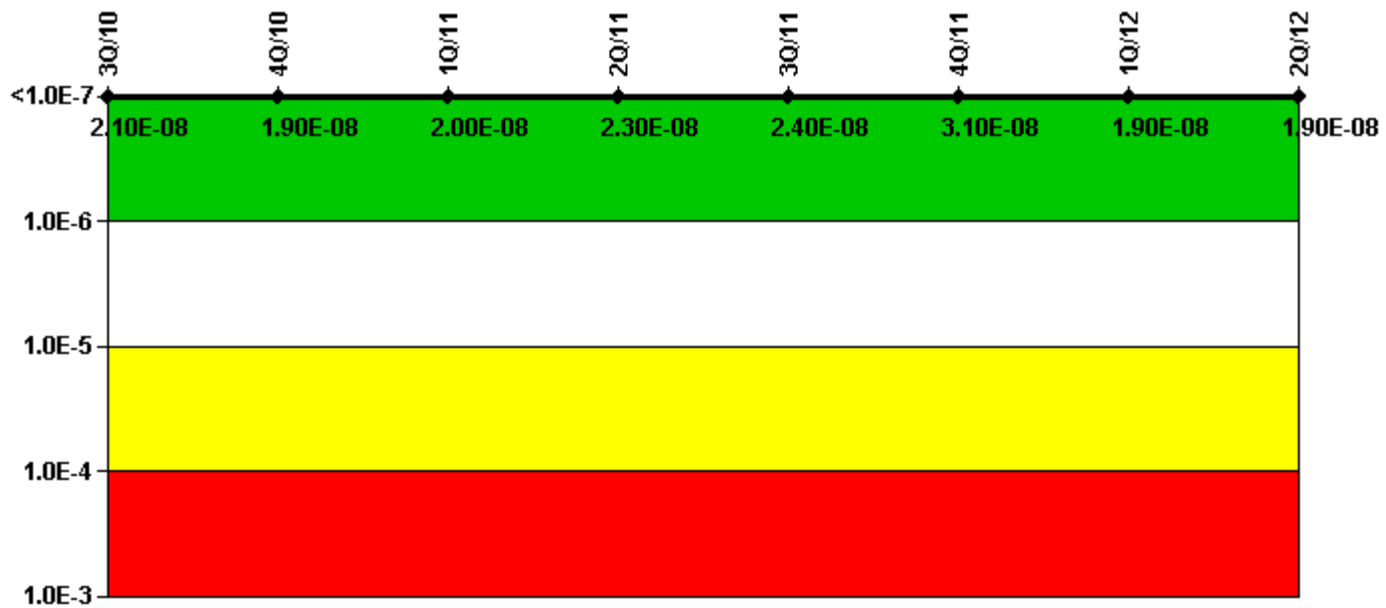
Thresholds: White > 5.0

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



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

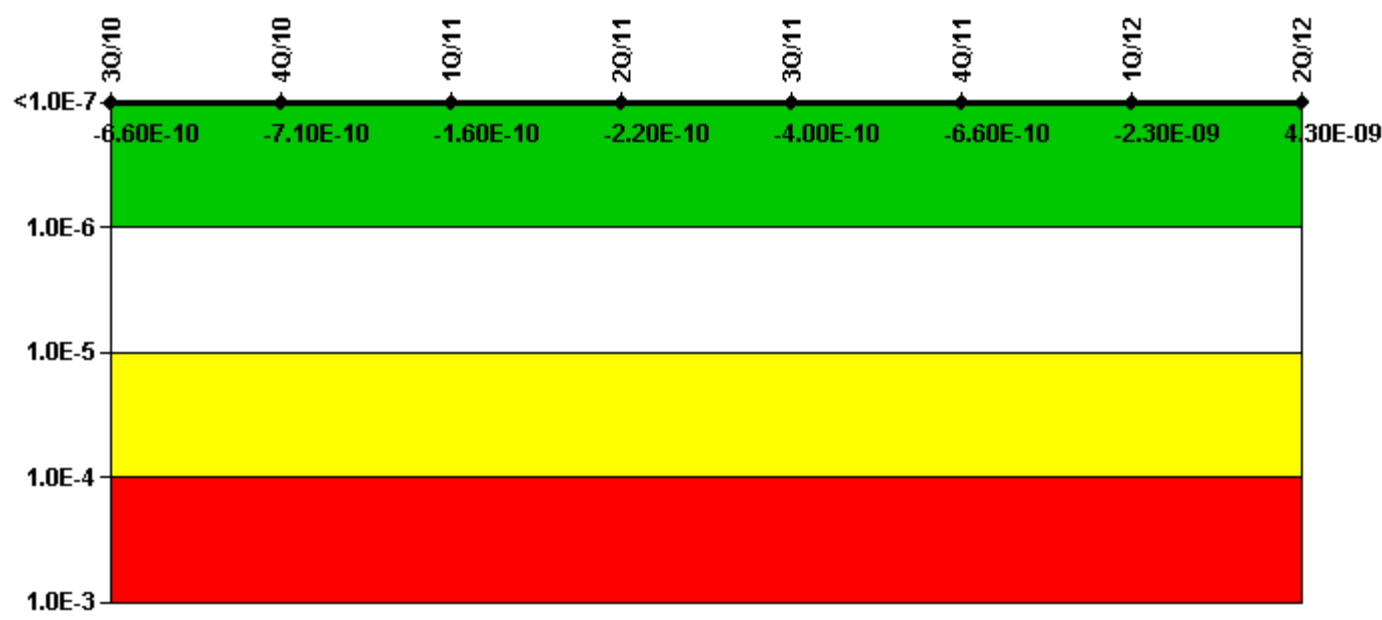
Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (Δ CDF)	6.79E-09	5.00E-09	5.35E-09	8.87E-09	9.31E-09	1.06E-08	1.20E-08	1.21E-08
URI (Δ CDF)	1.38E-08	1.38E-08	1.42E-08	1.45E-08	1.51E-08	2.03E-08	6.94E-09	6.86E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.10E-08	1.90E-08	2.00E-08	2.30E-08	2.40E-08	3.10E-08	1.90E-08	1.90E-08

Licensee Comments:

1Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, High Pressure Injection System



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

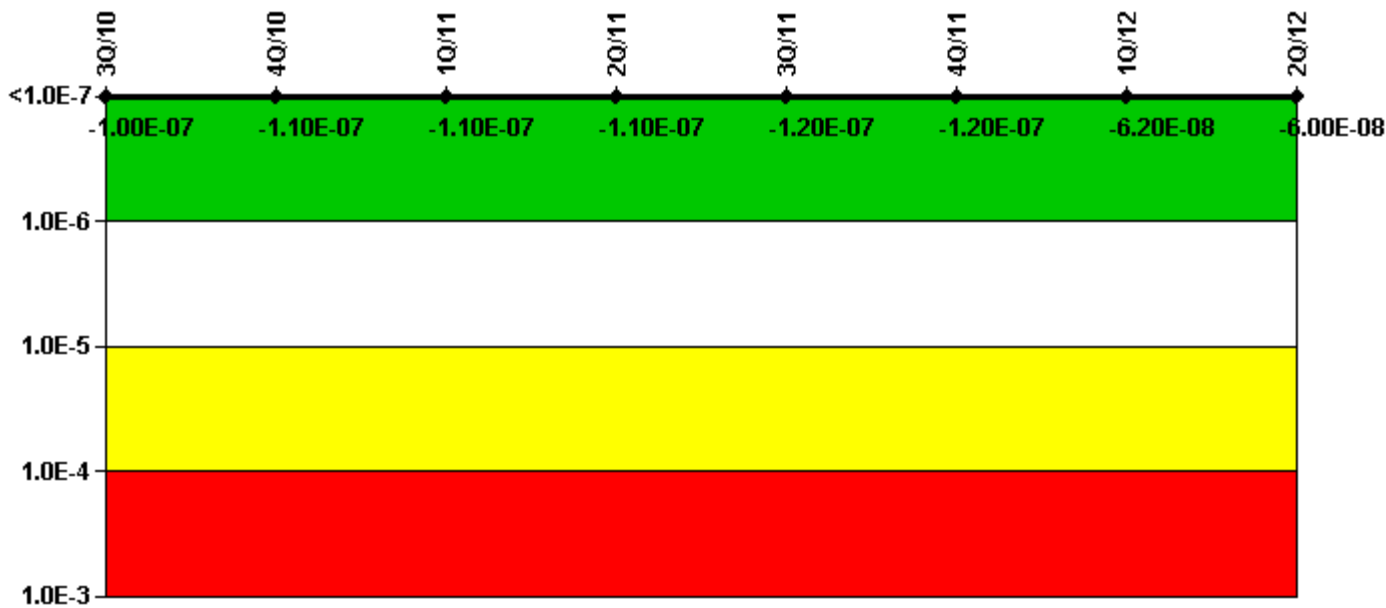
Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (ΔCDF)	4.41E-10	3.80E-10	9.22E-10	8.57E-10	6.71E-10	4.10E-10	-4.94E-10	6.15E-09
URI (ΔCDF)	-1.10E-09	-1.09E-09	-1.08E-09	-1.08E-09	-1.07E-09	-1.07E-09	-1.82E-09	-1.88E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.60E-10	-7.10E-10	-1.60E-10	-2.20E-10	-4.00E-10	-6.60E-10	-2.30E-09	4.30E-09

Licensee Comments:

1Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



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

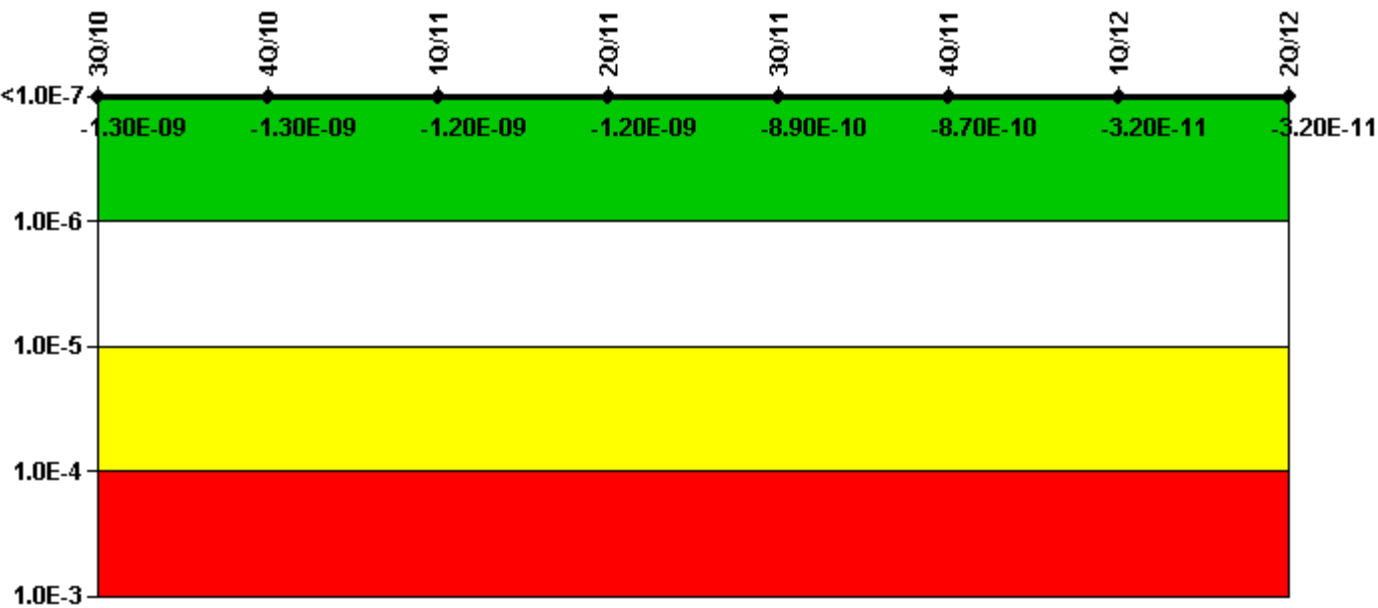
Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (ΔCDF)	7.27E-09	5.10E-09	6.51E-09	1.89E-09	-1.17E-09	-1.06E-09	-7.18E-10	9.01E-10
URI (ΔCDF)	-1.10E-07	-1.12E-07	-1.13E-07	-1.14E-07	-1.15E-07	-1.15E-07	-6.11E-08	-6.11E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.00E-07	-1.10E-07	-1.10E-07	-1.10E-07	-1.20E-07	-1.20E-07	-6.20E-08	-6.00E-08

Licensee Comments:

1Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System



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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (ΔCDF)	4.83E-10	4.99E-10	5.42E-10	5.64E-10	8.69E-10	8.96E-10	3.77E-11	3.76E-11
URI (ΔCDF)	-1.76E-09	-1.76E-09	-1.76E-09	-1.76E-09	-1.76E-09	-1.76E-09	-7.01E-11	-7.01E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.30E-09	-1.30E-09	-1.20E-09	-1.20E-09	-8.90E-10	-8.70E-10	-3.20E-11	-3.20E-11

Licensee Comments:

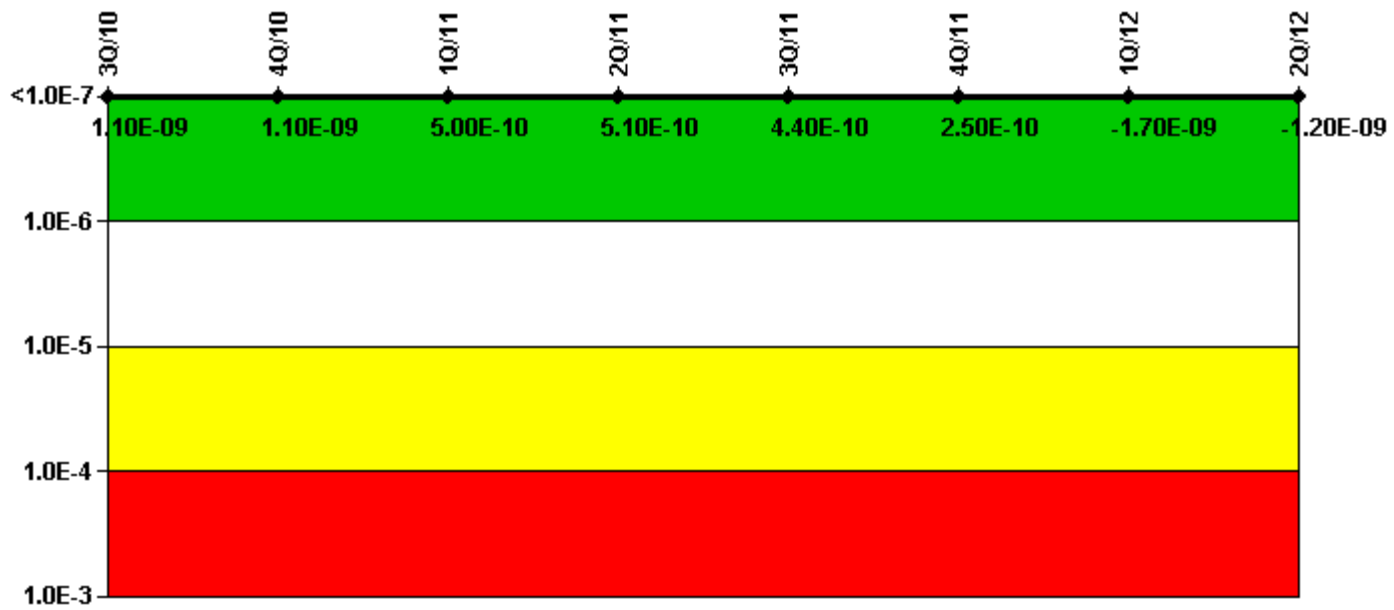
1Q/12: Changed PRA Parameter(s).

1Q/11: Changed PRA Parameter(s).

4Q/10: Changed PRA Parameter(s).

3Q/10: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



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

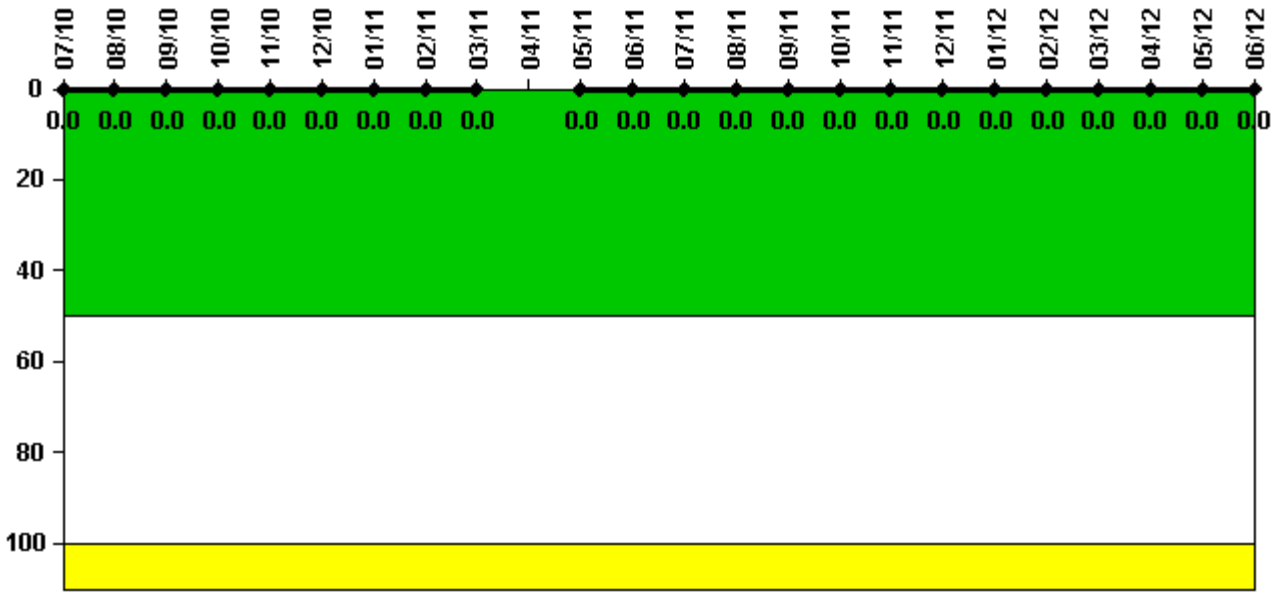
Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (ΔCDF)	1.05E-09	9.90E-10	7.28E-10	7.34E-10	6.66E-10	4.73E-10	1.91E-09	2.43E-09
URI (ΔCDF)	5.98E-11	5.98E-11	-2.24E-10	-2.24E-10	-2.24E-10	-2.24E-10	-3.58E-09	-3.58E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.10E-09	1.10E-09	5.00E-10	5.10E-10	4.40E-10	2.50E-10	-1.70E-09	-1.20E-09

Licensee Comments:

1Q/12: Changed PRA Parameter(s).

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

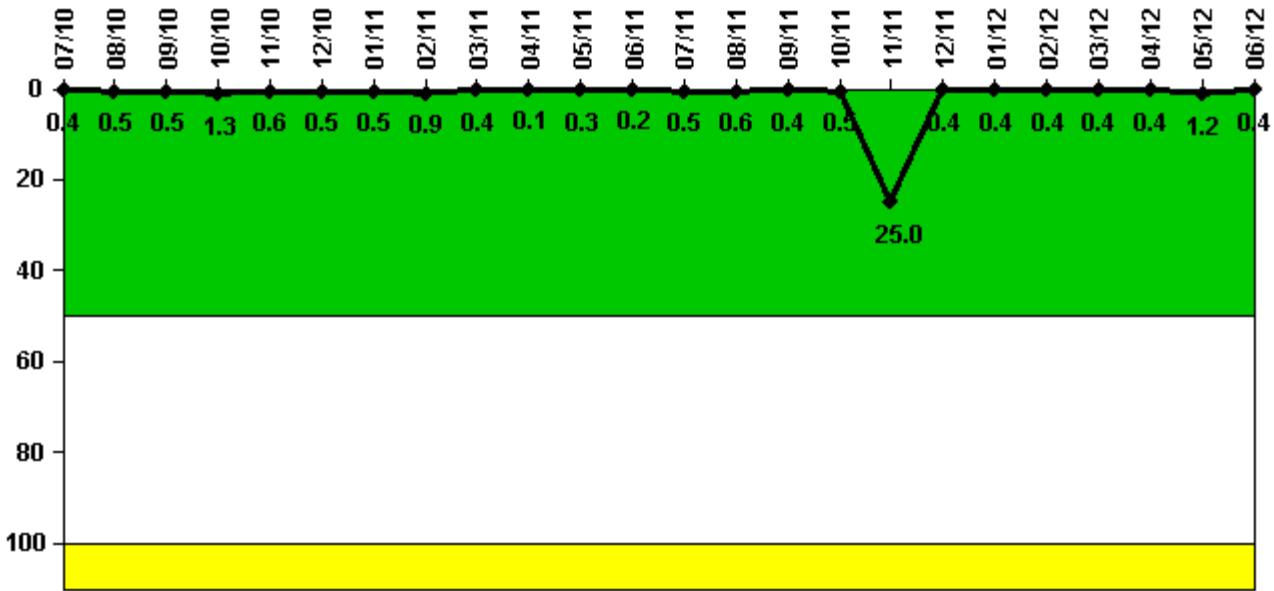
Notes

Reactor Coolant System Activity	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11	4/11	5/11	6/11
Maximum activity	0.000330	0.000351	0.000352	0.000400	0.000430	0.000440	0.000449	0.000455	0.000462	N/A	0.000232	0.000244
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	N/A	0	0

Reactor Coolant System Activity	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	0.000360	0.000330	0.000260	0.000280	0.000290	0.000290	0.000320	0.000350	0.000320	0.000340	0.000350	0.000390
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



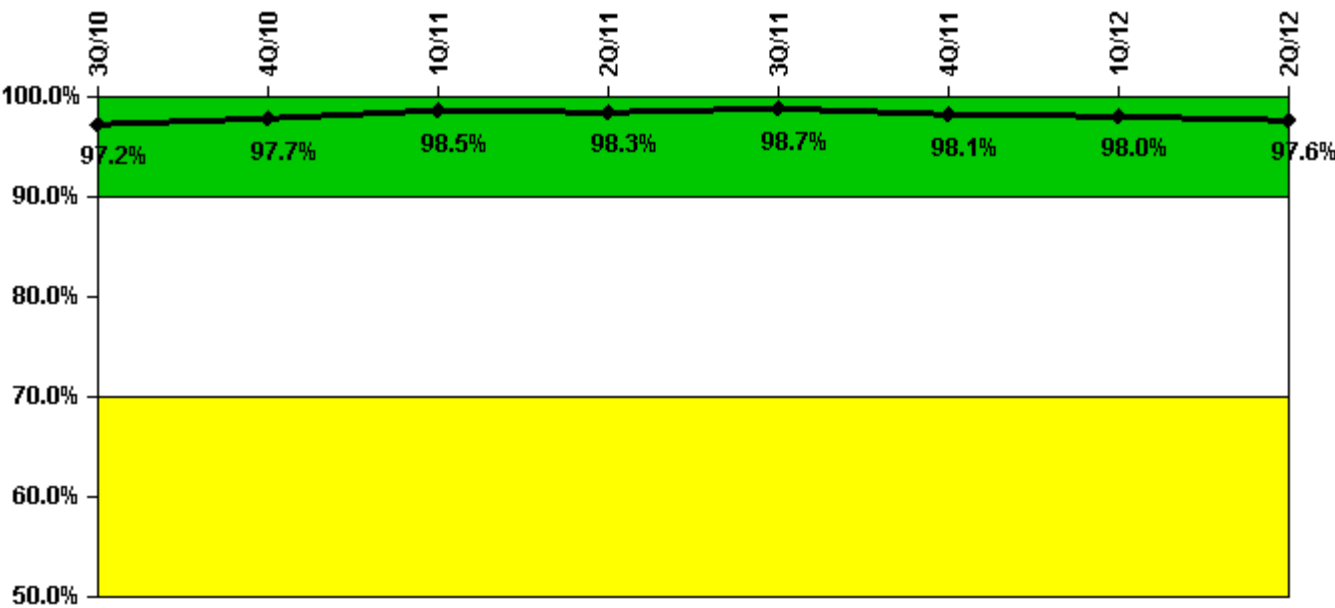
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11	4/11	5/11	6/11
Maximum leakage	0.040	0.050	0.050	0.130	0.060	0.050	0.050	0.090	0.040	0.010	0.030	0.020
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.5	0.5	1.3	0.6	0.5	0.5	0.9	0.4	0.1	0.3	0.2
Reactor Coolant System Leakage	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12	4/12	5/12	6/12
Maximum leakage	0.050	0.060	0.040	0.045	2.500	0.040	0.040	0.040	0.040	0.040	0.120	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	0.6	0.4	0.5	25.0	0.4	0.4	0.4	0.4	0.4	1.2	0.4

Licensee Comments: none

Drill/Exercise Performance



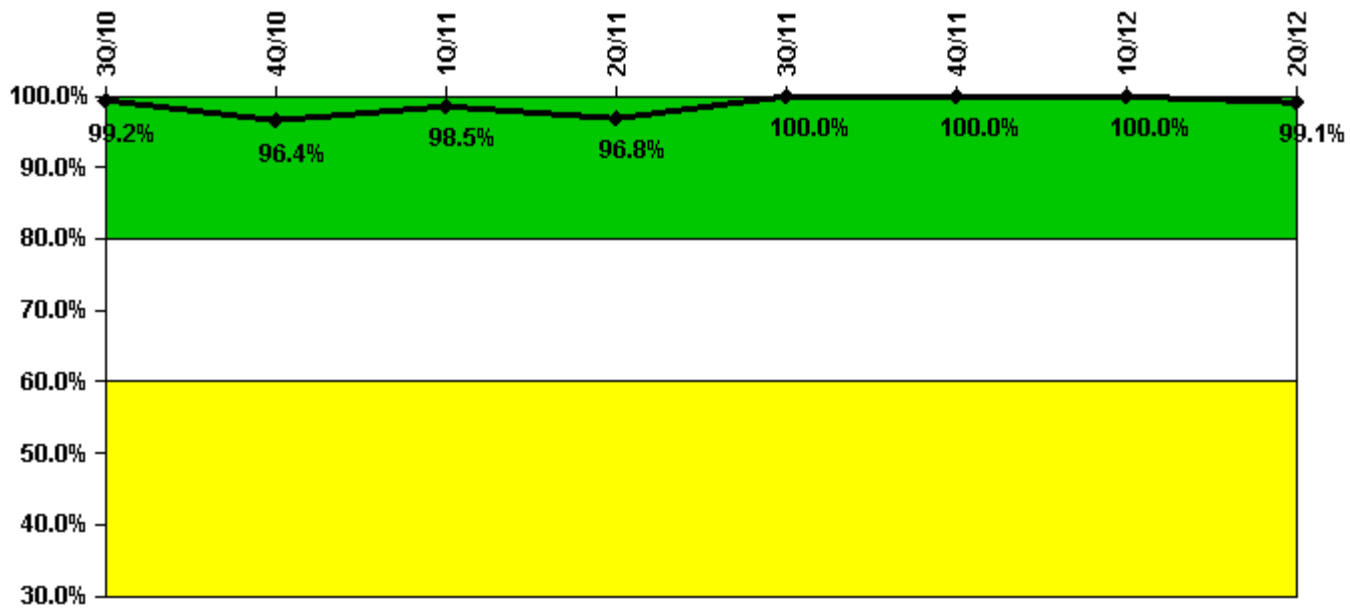
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Successful opportunities	18.0	35.0	45.0	7.0	58.0	40.0	24.0	22.0
Total opportunities	18.0	36.0	46.0	7.0	59.0	42.0	24.0	23.0
Indicator value	97.2%	97.7%	98.5%	98.3%	98.7%	98.1%	98.0%	97.6%

Licensee Comments: none

ERO Drill Participation



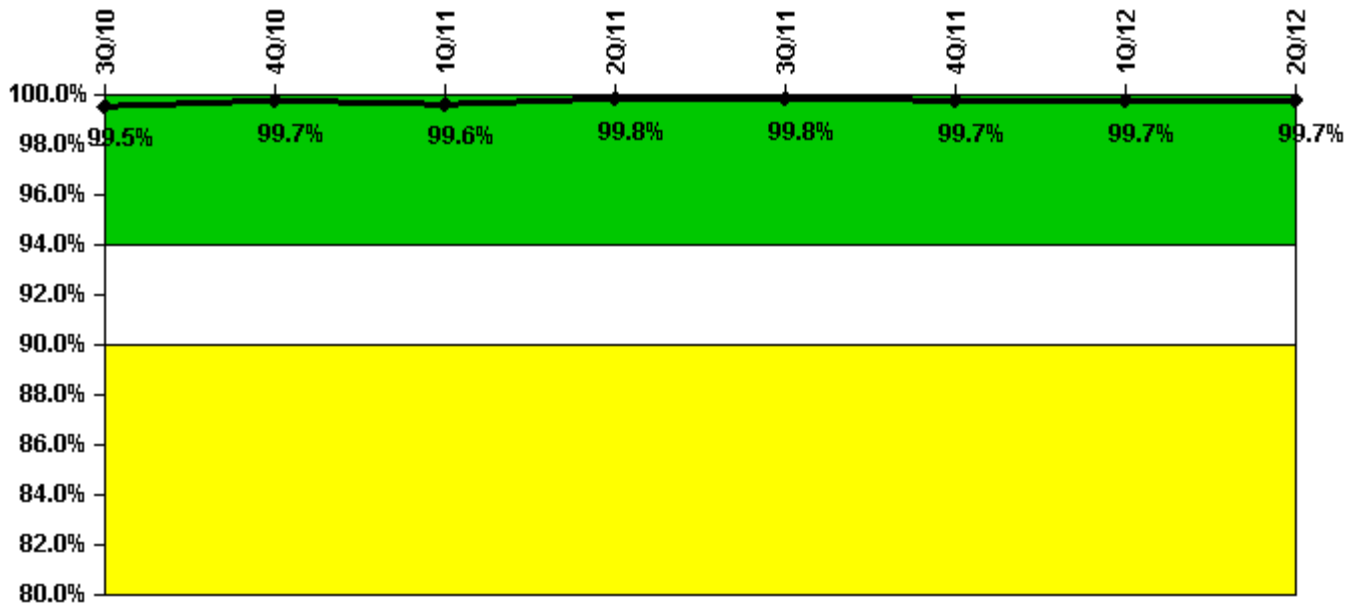
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Participating Key personnel	126.0	135.0	128.0	121.0	117.0	113.0	104.0	106.0
Total Key personnel	127.0	140.0	130.0	125.0	117.0	113.0	104.0	107.0
Indicator value	99.2%	96.4%	98.5%	96.8%	100.0%	100.0%	100.0%	99.1%

Licensee Comments: none

Alert & Notification System



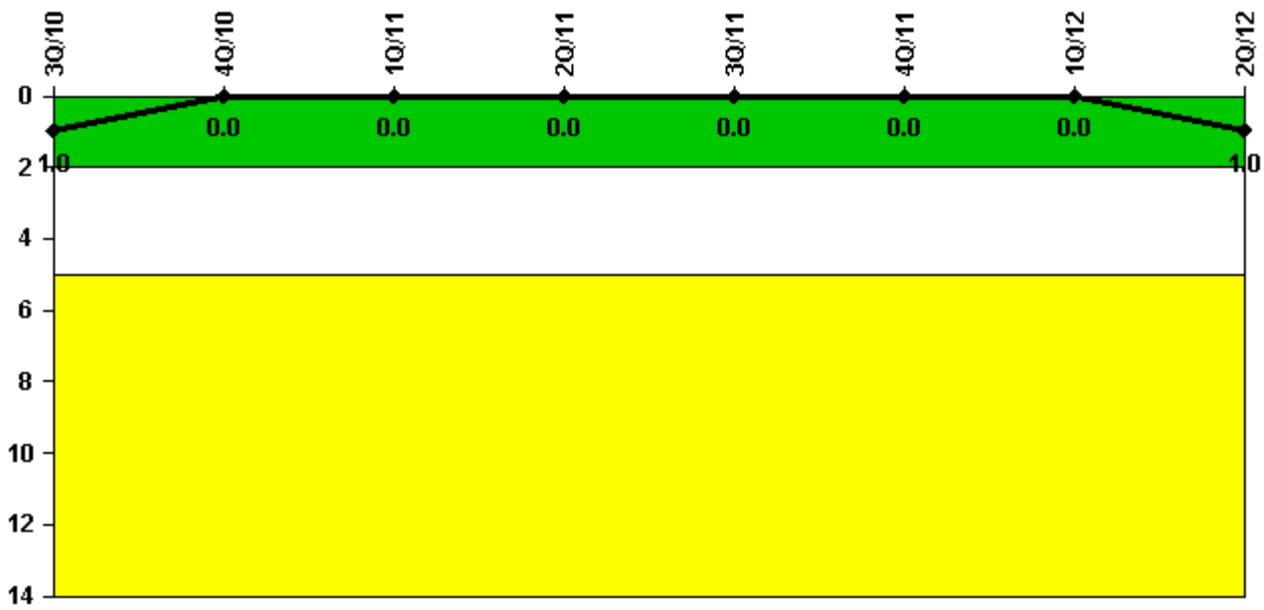
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Successful siren-tests	375	329	375	328	375	328	375	328
Total sirens-tests	376	329	376	329	376	329	376	329
Indicator value	99.5%	99.7%	99.6%	99.8%	99.8%	99.7%	99.7%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



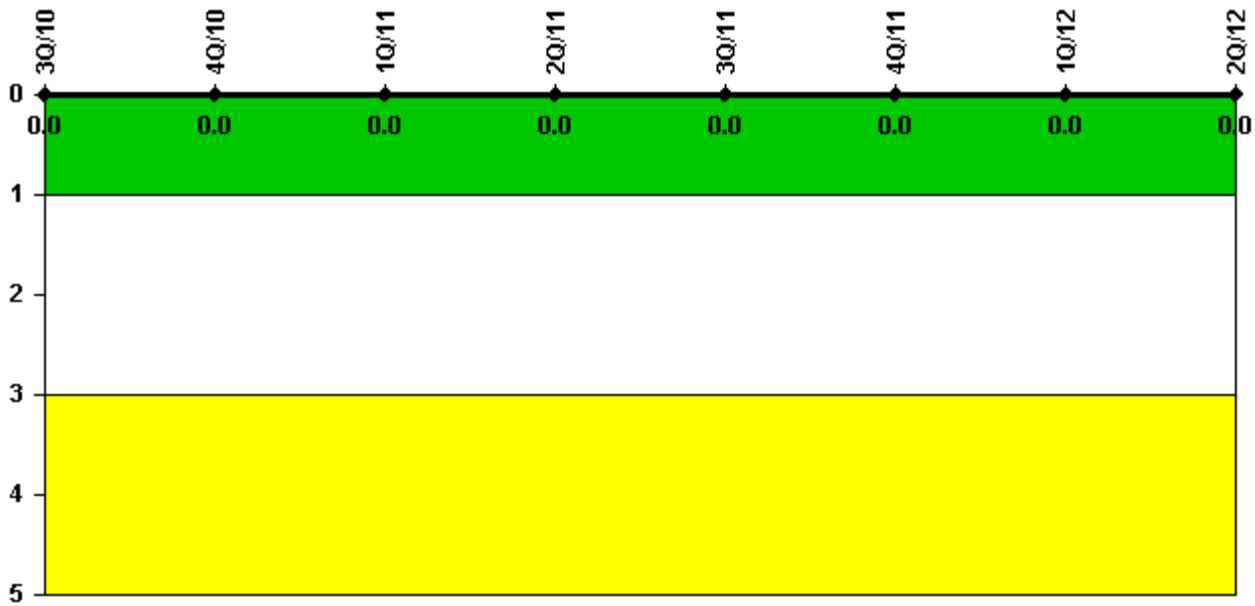
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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	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	1	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	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.

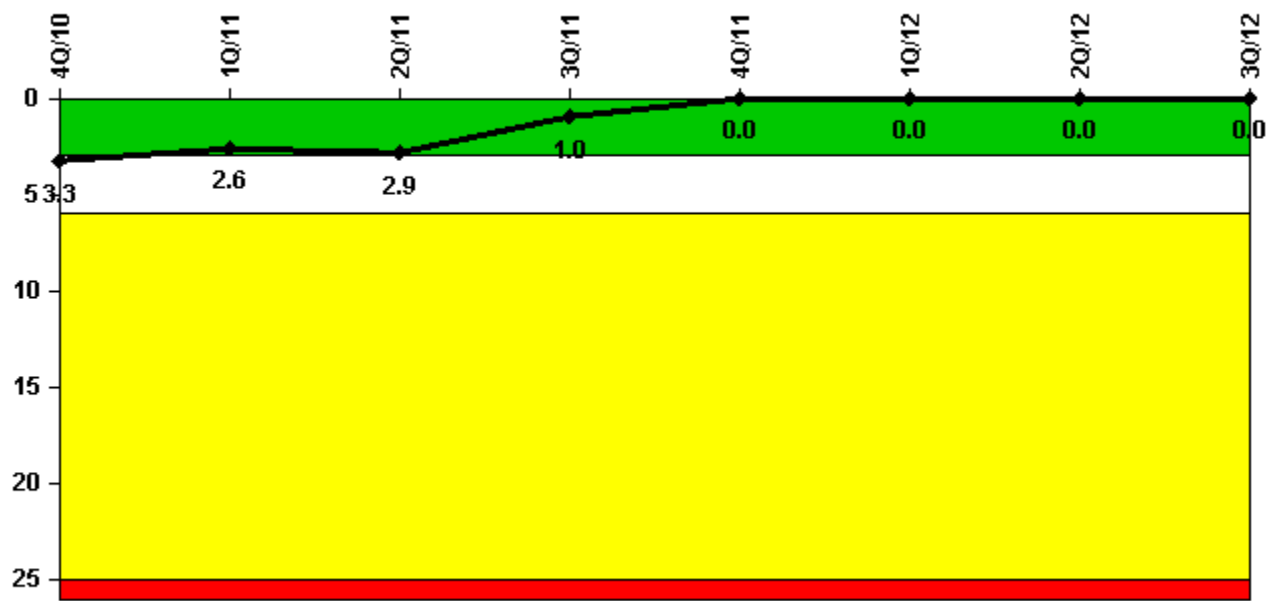


Turkey Point 4

3Q/2012 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



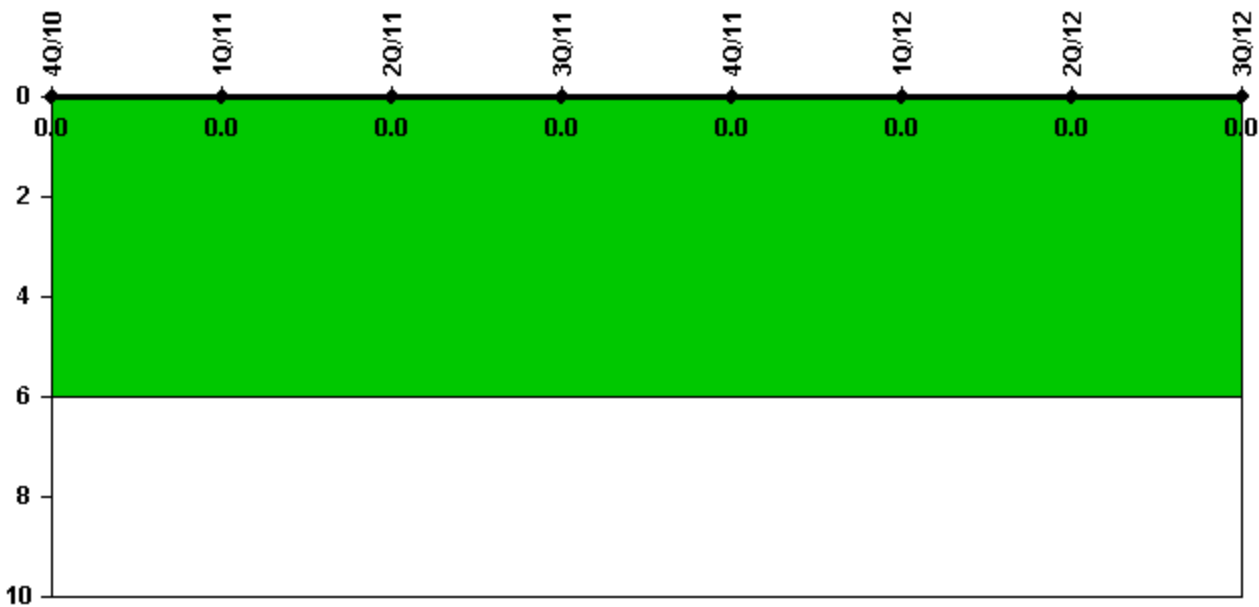
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0	0	0	0	0
Critical hours	2036.2	1895.0	1114.4	2208.0	2018.9	2183.0	2184.0	2208.0
Indicator value	3.3	2.6	2.9	1.0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



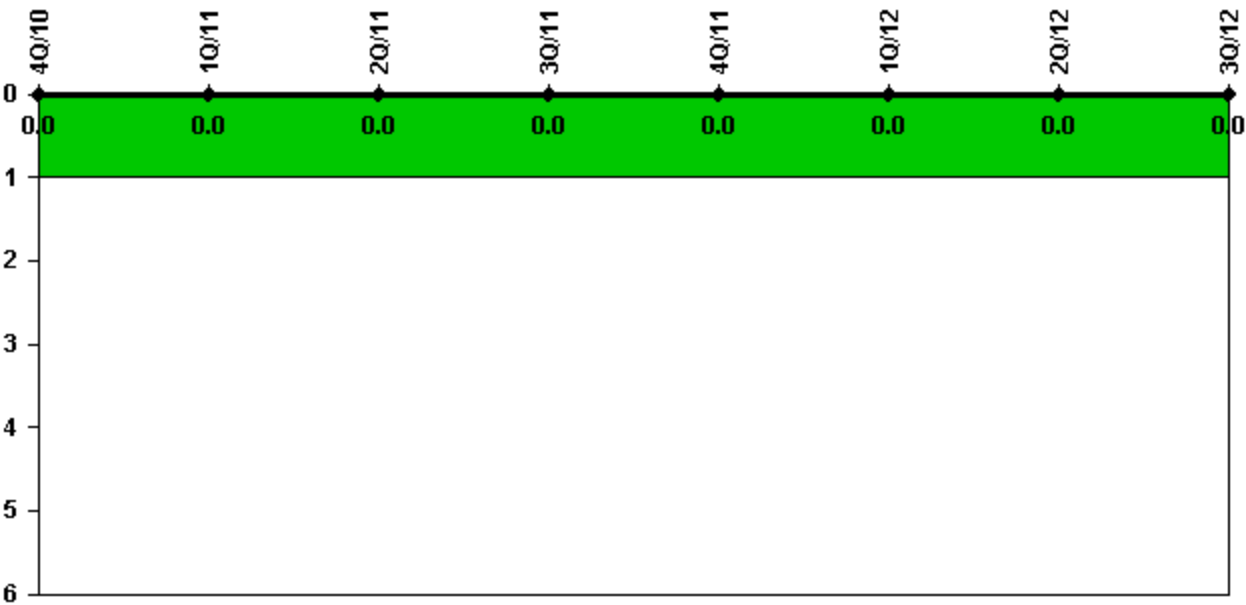
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2036.2	1895.0	1114.4	2208.0	2018.9	2183.0	2184.0	2208.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



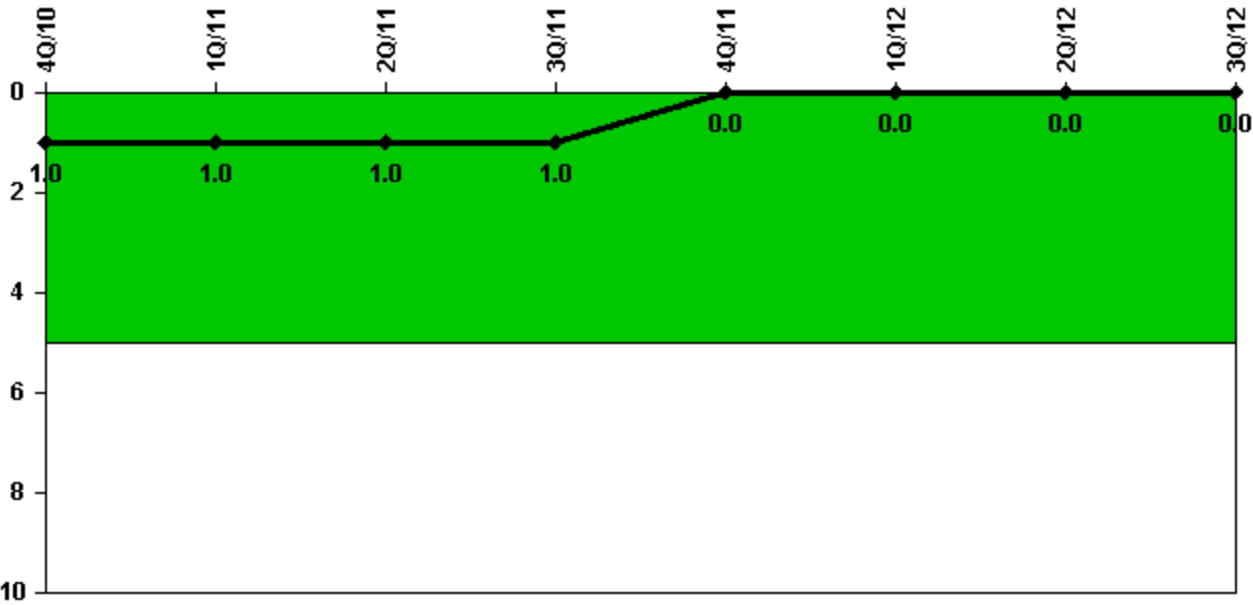
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/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)



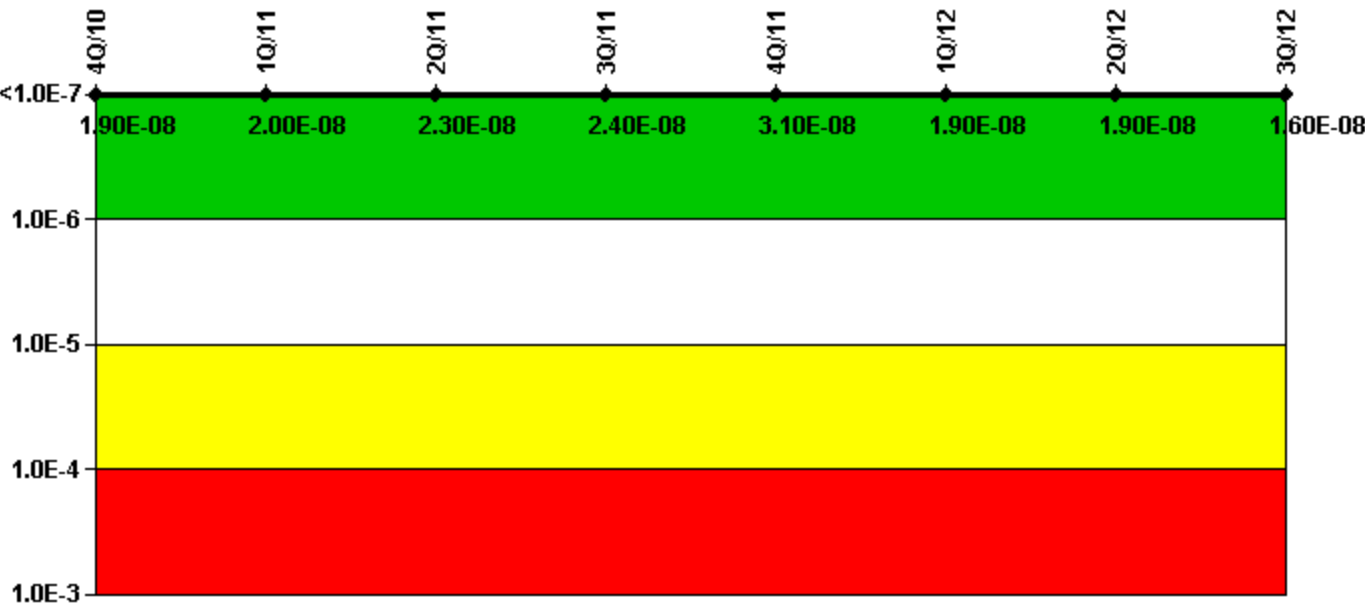
Thresholds: White > 5.0

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



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

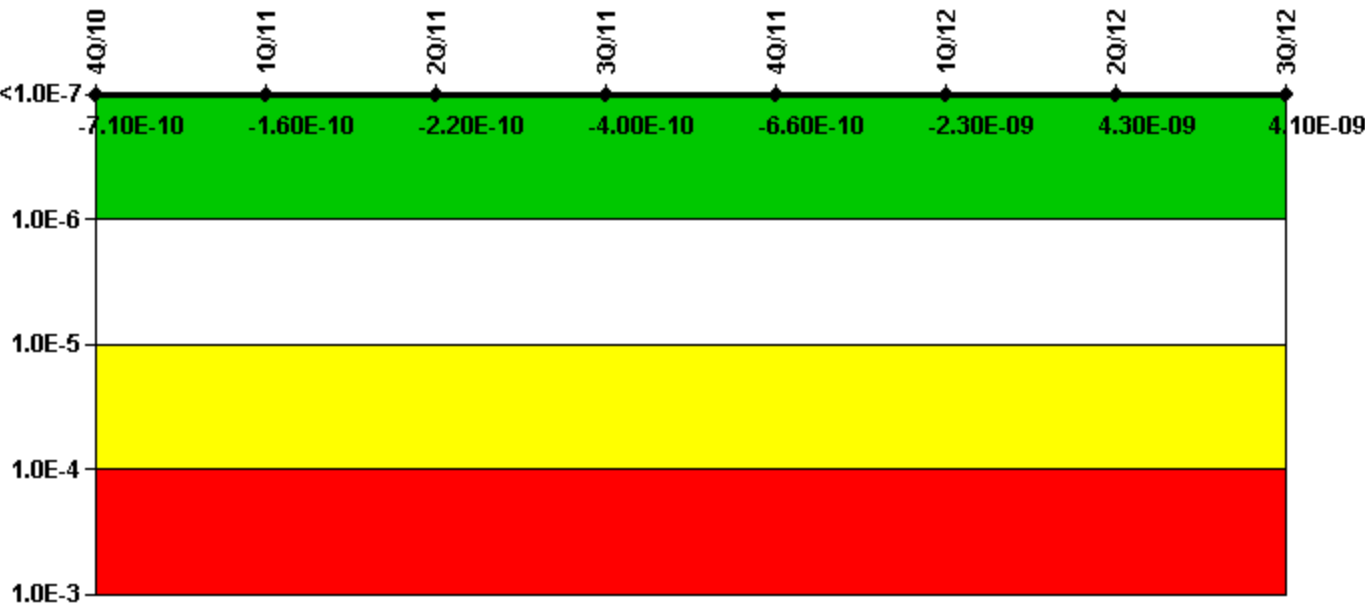
Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
UAI (ΔCDF)	5.00E-09	5.35E-09	8.87E-09	9.31E-09	1.06E-08	1.20E-08	1.21E-08	1.18E-08
URI (ΔCDF)	1.38E-08	1.42E-08	1.45E-08	1.51E-08	2.03E-08	6.94E-09	6.86E-09	4.68E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.90E-08	2.00E-08	2.30E-08	2.40E-08	3.10E-08	1.90E-08	1.90E-08	1.60E-08

Licensee Comments:

1Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, High Pressure Injection System



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

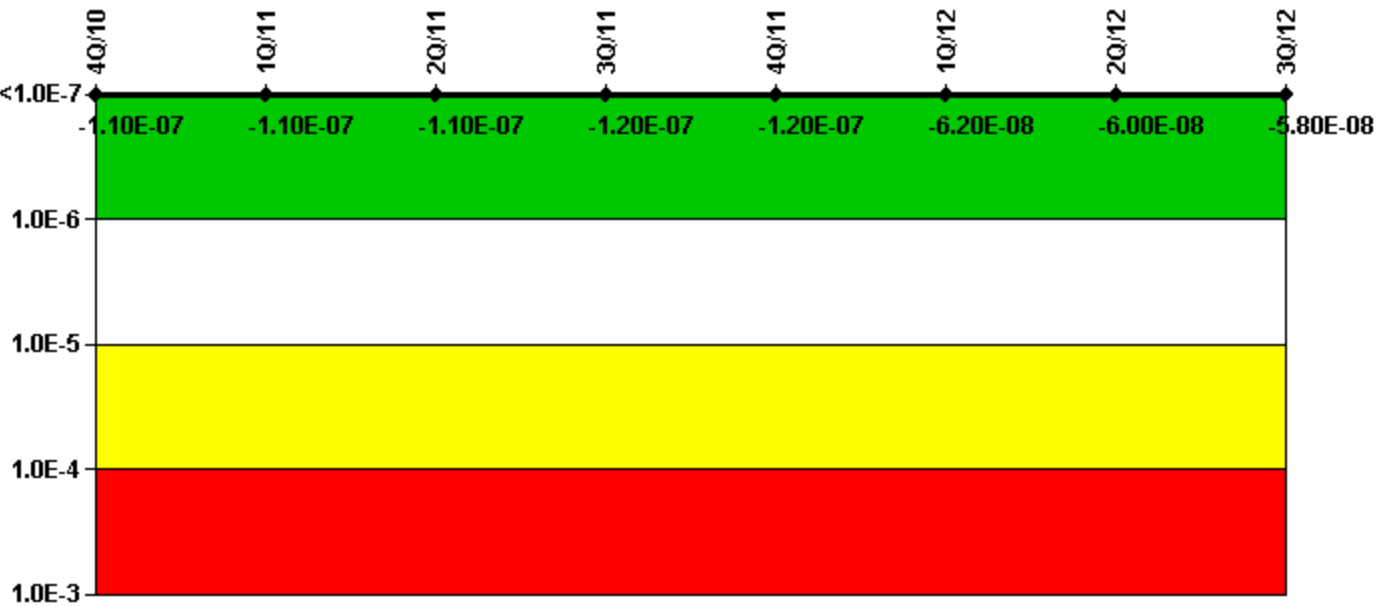
Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
UAI (ΔCDF)	3.80E-10	9.22E-10	8.57E-10	6.71E-10	4.10E-10	-4.94E-10	6.15E-09	5.99E-09
URI (ΔCDF)	-1.09E-09	-1.08E-09	-1.08E-09	-1.07E-09	-1.07E-09	-1.82E-09	-1.88E-09	-1.93E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-7.10E-10	-1.60E-10	-2.20E-10	-4.00E-10	-6.60E-10	-2.30E-09	4.30E-09	4.10E-09

Licensee Comments:

1Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



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

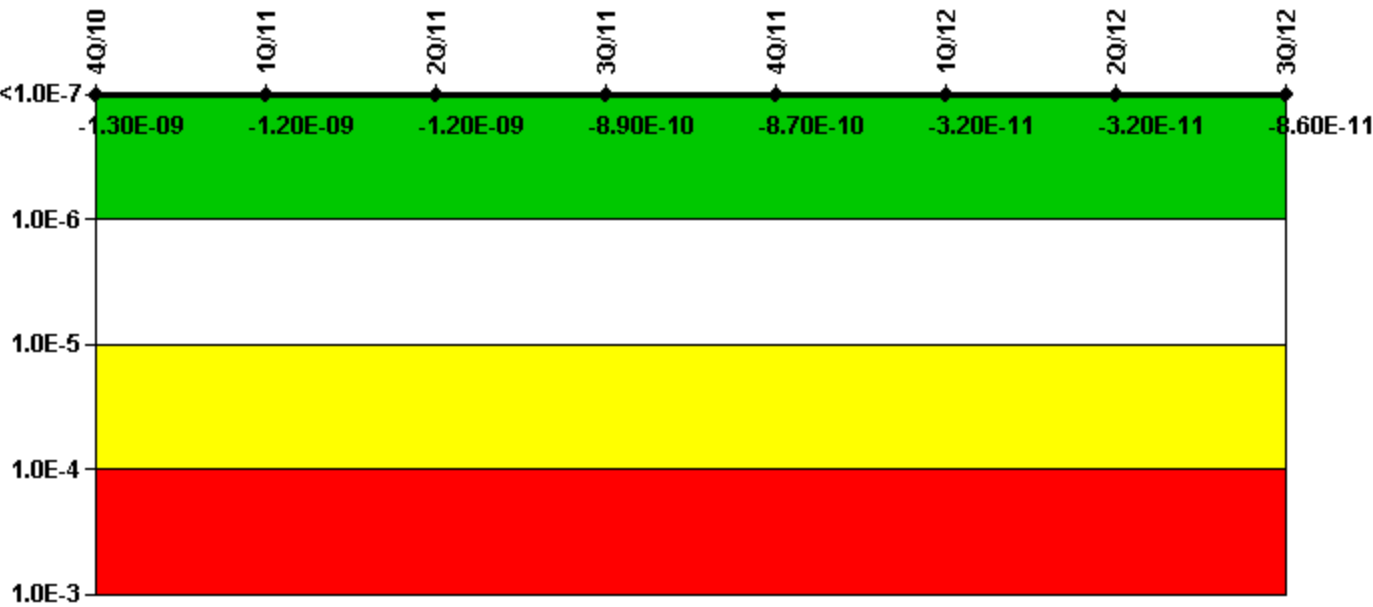
Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
UAI (ΔCDF)	5.10E-09	6.51E-09	1.89E-09	-1.17E-09	-1.06E-09	-7.18E-10	9.01E-10	2.74E-09
URI (ΔCDF)	-1.12E-07	-1.13E-07	-1.14E-07	-1.15E-07	-1.15E-07	-6.11E-08	-6.11E-08	-6.11E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.10E-07	-1.10E-07	-1.10E-07	-1.20E-07	-1.20E-07	-6.20E-08	-6.00E-08	-5.80E-08

Licensee Comments:

1Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System



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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
UAI (ΔCDF)	4.99E-10	5.42E-10	5.64E-10	8.69E-10	8.96E-10	3.77E-11	3.76E-11	-1.55E-11
URI (ΔCDF)	-1.76E-09	-1.76E-09	-1.76E-09	-1.76E-09	-1.76E-09	-7.01E-11	-7.01E-11	-7.01E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.30E-09	-1.20E-09	-1.20E-09	-8.90E-10	-8.70E-10	-3.20E-11	-3.20E-11	-8.60E-11

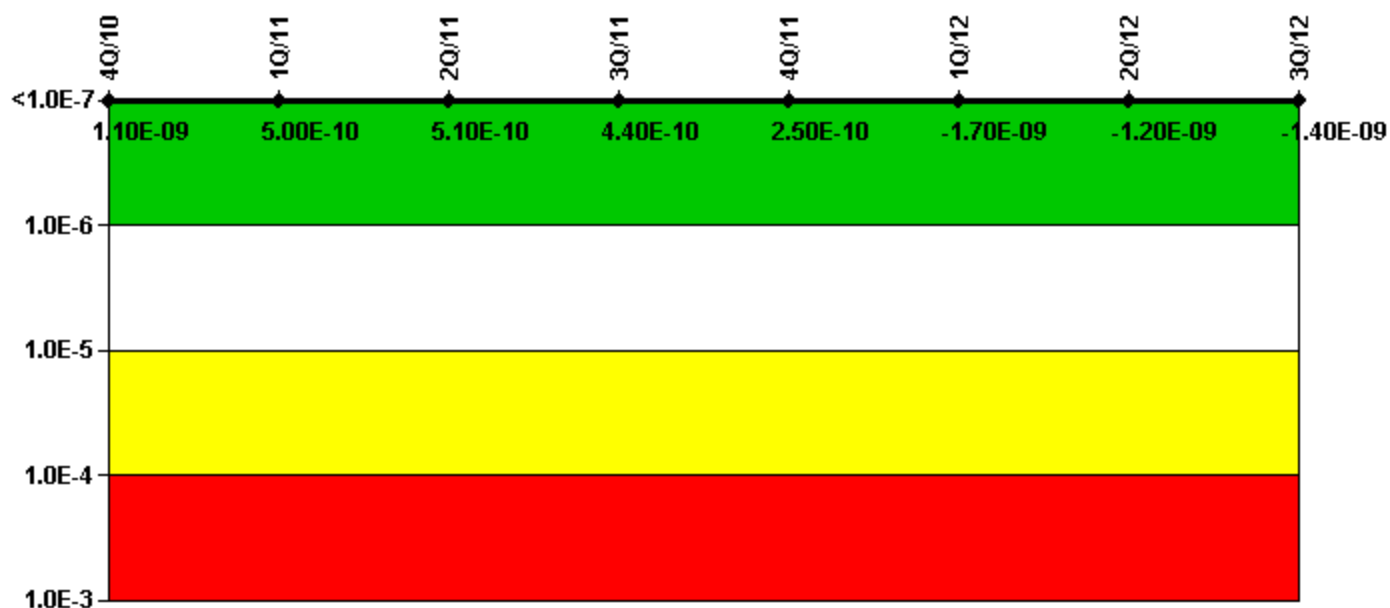
Licensee Comments:

1Q/12: Changed PRA Parameter(s).

1Q/11: Changed PRA Parameter(s).

4Q/10: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



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

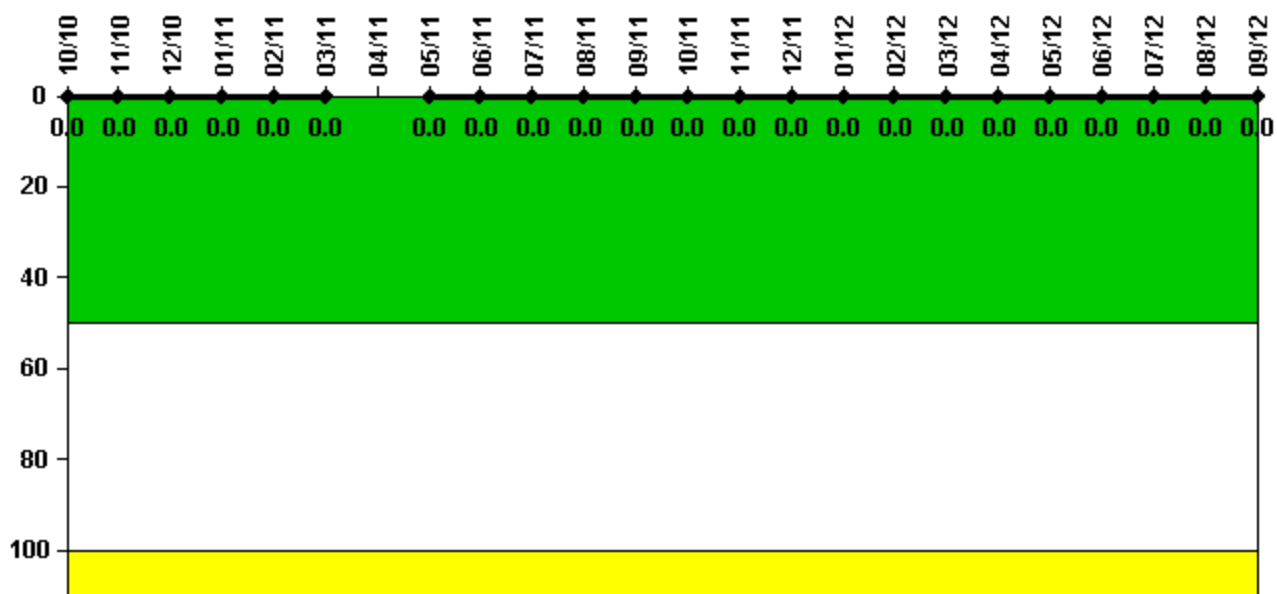
Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
UAI (Δ CDF)	9.90E-10	7.28E-10	7.34E-10	6.66E-10	4.73E-10	1.91E-09	2.43E-09	2.21E-09
URI (Δ CDF)	5.98E-11	-2.24E-10	-2.24E-10	-2.24E-10	-2.24E-10	-3.58E-09	-3.58E-09	-3.58E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.10E-09	5.00E-10	5.10E-10	4.40E-10	2.50E-10	-1.70E-09	-1.20E-09	-1.40E-09

Licensee Comments:

1Q/12: Changed PRA Parameter(s).

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

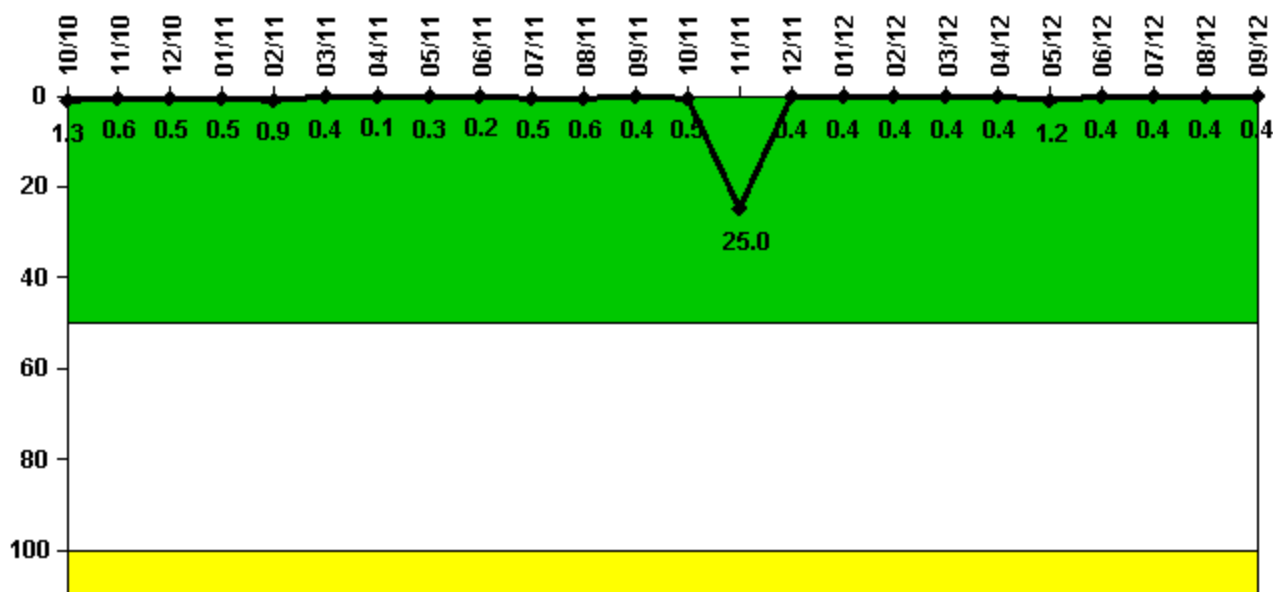
Notes

Reactor Coolant System Activity	10/10	11/10	12/10	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11
Maximum activity	0.000400	0.000430	0.000440	0.000449	0.000455	0.000462	N/A	0.000232	0.000244	0.000360	0.000330	0.000260
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	N/A	0	0	0	0	0

Reactor Coolant System Activity	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	0.000280	0.000290	0.000290	0.000320	0.000350	0.000320	0.000340	0.000350	0.000390	0.000380	0.000360	0.000370
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



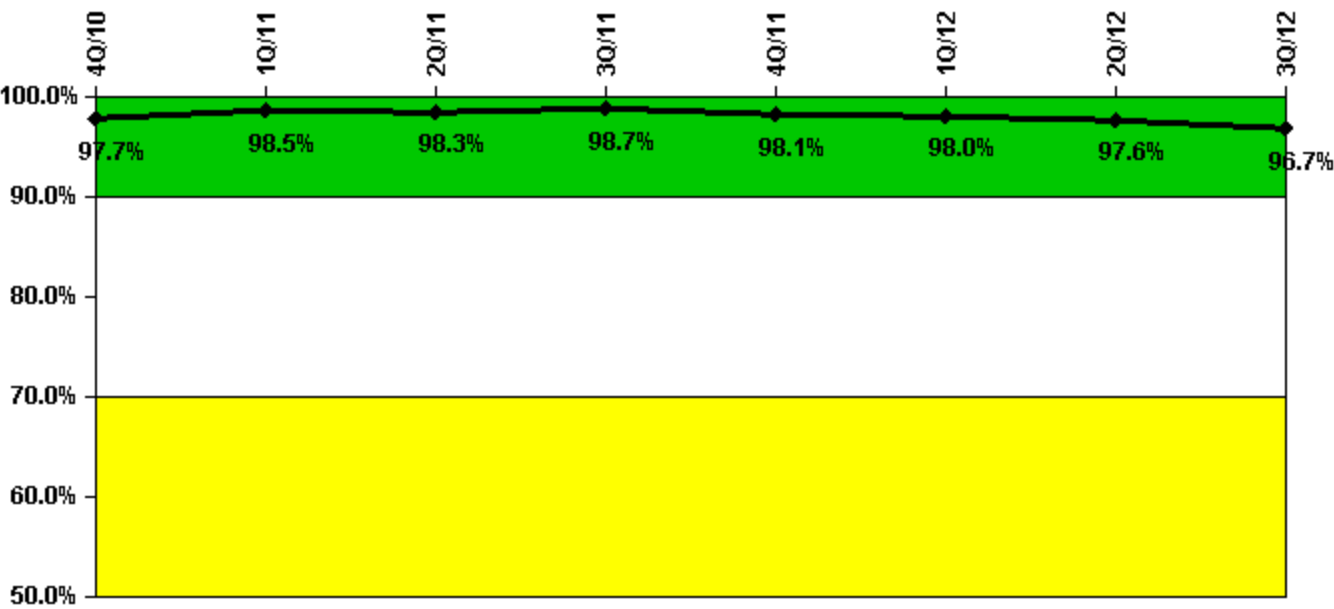
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/10	11/10	12/10	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11
Maximum leakage	0.130	0.060	0.050	0.050	0.090	0.040	0.010	0.030	0.020	0.050	0.060	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.3	0.6	0.5	0.5	0.9	0.4	0.1	0.3	0.2	0.5	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	0.045	2.500	0.040	0.040	0.040	0.040	0.040	0.120	0.040	0.040	0.040	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	25.0	0.4	0.4	0.4	0.4	0.4	1.2	0.4	0.4	0.4	0.4

Licensee Comments: none

Drill/Exercise Performance



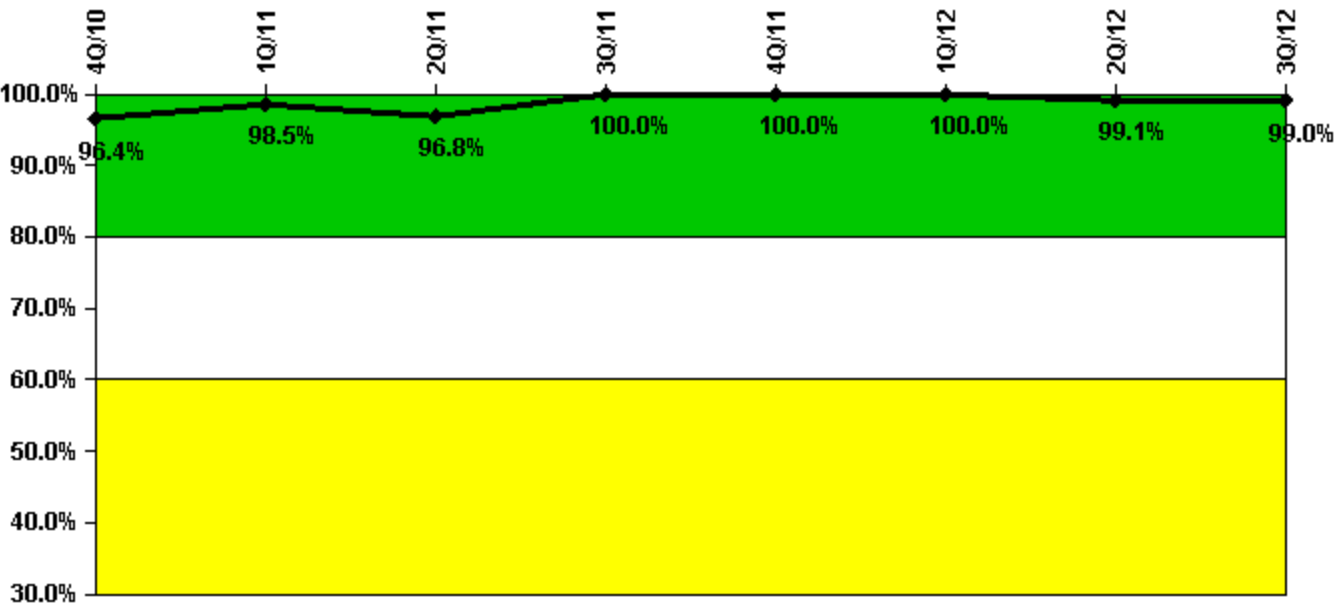
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Successful opportunities	35.0	45.0	7.0	58.0	40.0	24.0	22.0	35.0
Total opportunities	36.0	46.0	7.0	59.0	42.0	24.0	23.0	38.0
Indicator value	97.7%	98.5%	98.3%	98.7%	98.1%	98.0%	97.6%	96.7%

Licensee Comments: none

ERO Drill Participation



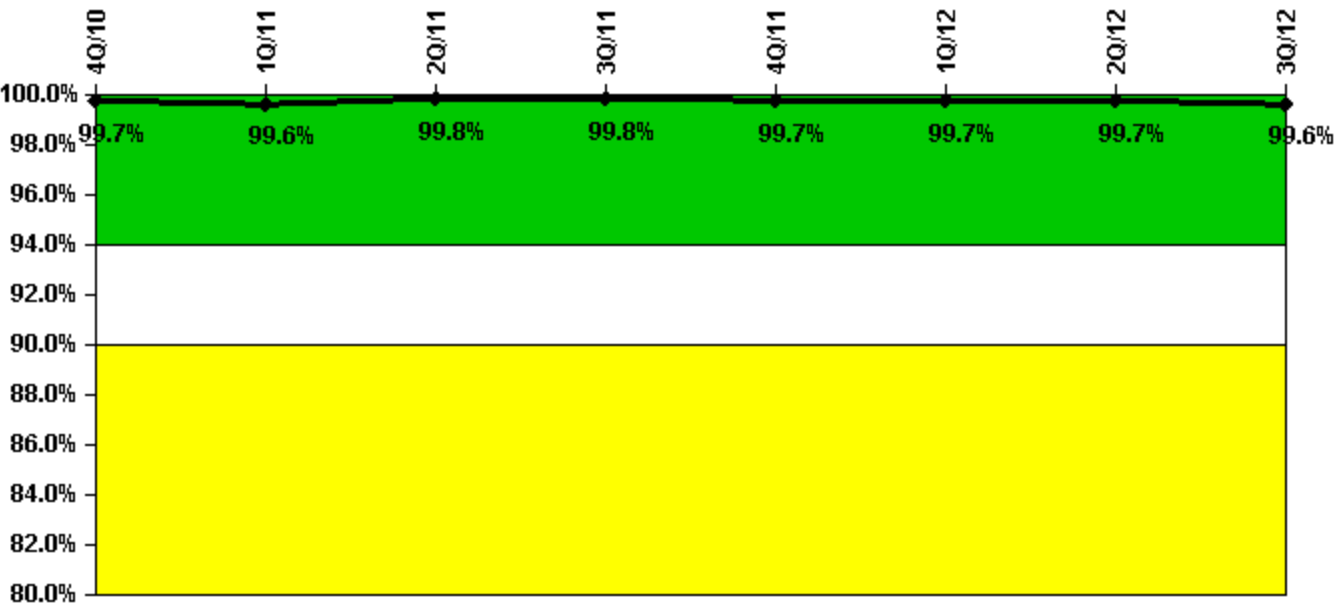
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Participating Key personnel	135.0	128.0	121.0	117.0	113.0	104.0	106.0	98.0
Total Key personnel	140.0	130.0	125.0	117.0	113.0	104.0	107.0	99.0
Indicator value	96.4%	98.5%	96.8%	100.0%	100.0%	100.0%	99.1%	99.0%

Licensee Comments: none

Alert & Notification System



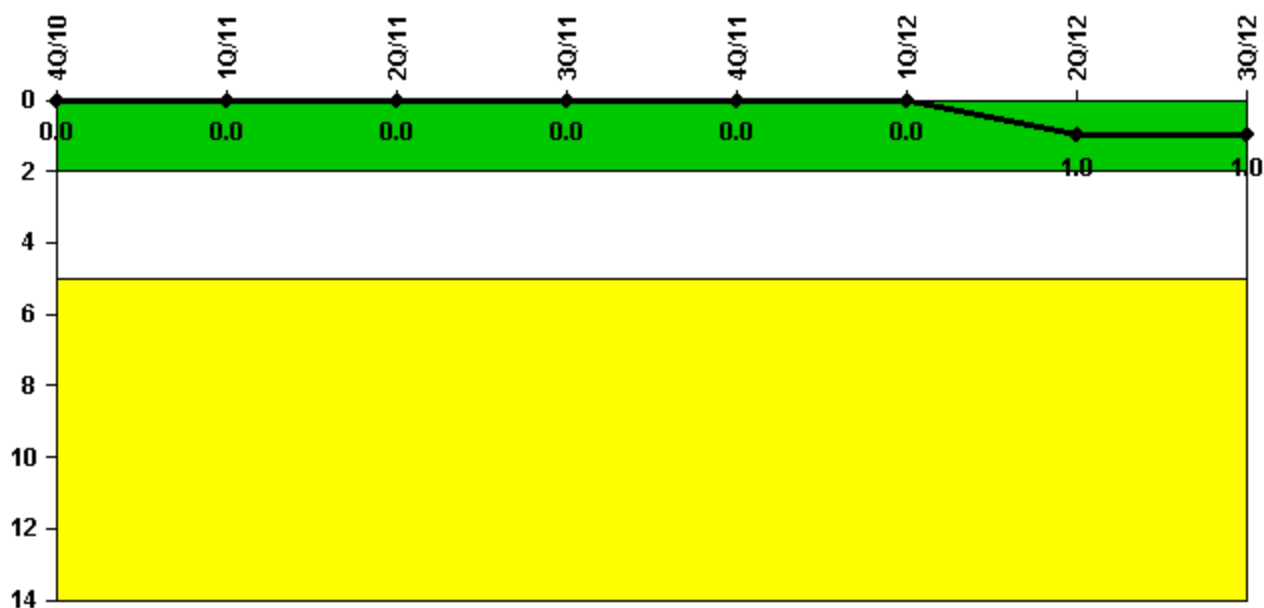
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Successful siren-tests	329	375	328	375	328	375	328	374
Total sirens-tests	329	376	329	376	329	376	329	376
Indicator value	99.7%	99.6%	99.8%	99.8%	99.7%	99.7%	99.7%	99.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness



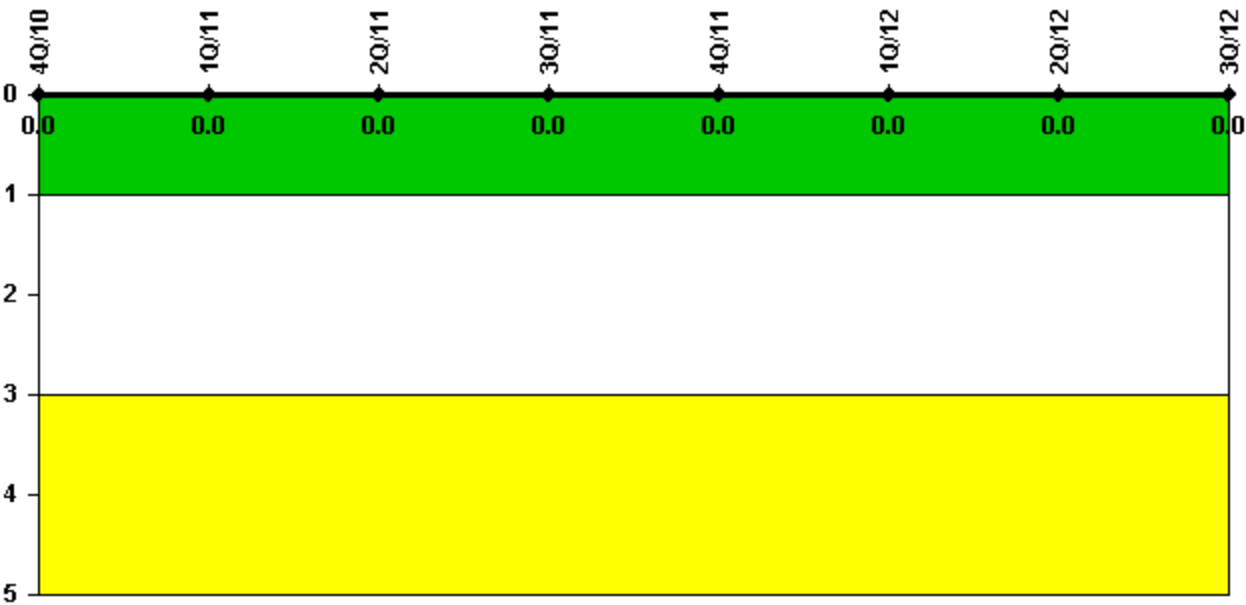
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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	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	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](#)

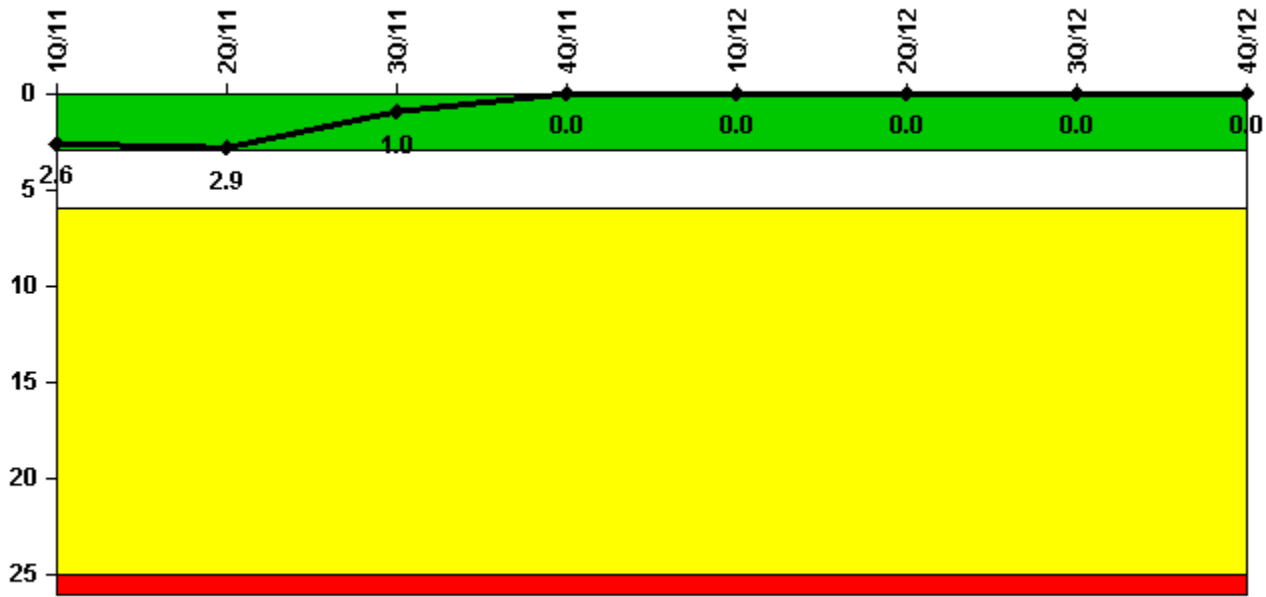
Last Modified: October 24, 2012

Turkey Point 4

4Q/2012 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



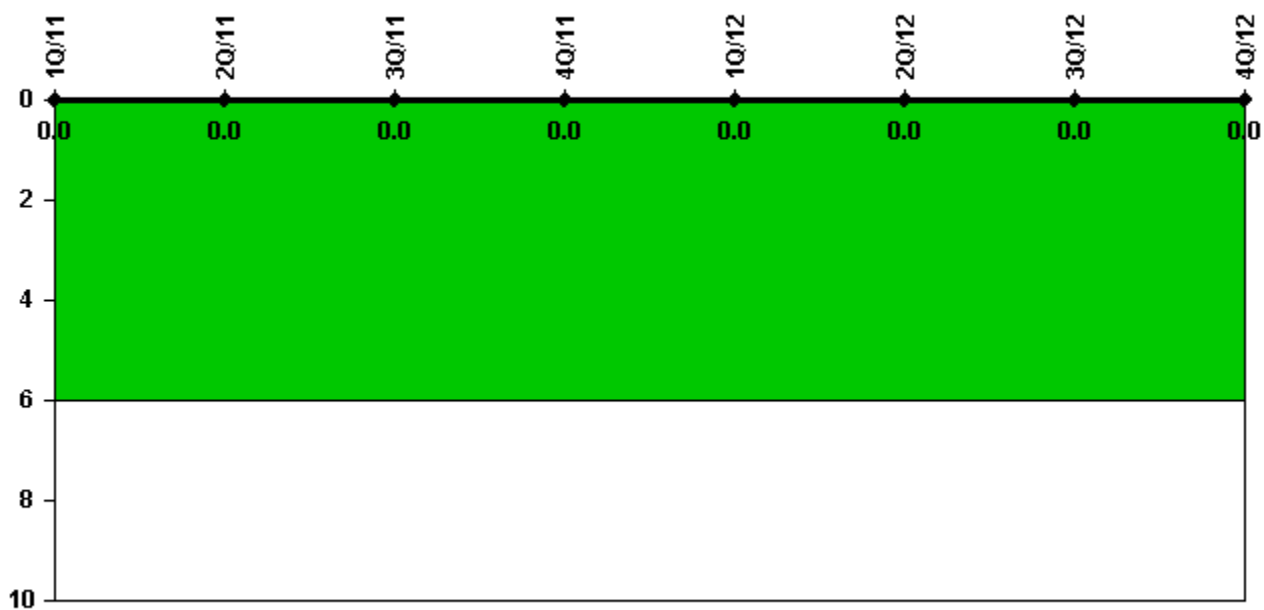
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1895.0	1114.4	2208.0	2018.9	2183.0	2184.0	2208.0	841.0
Indicator value	2.6	2.9	1.0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



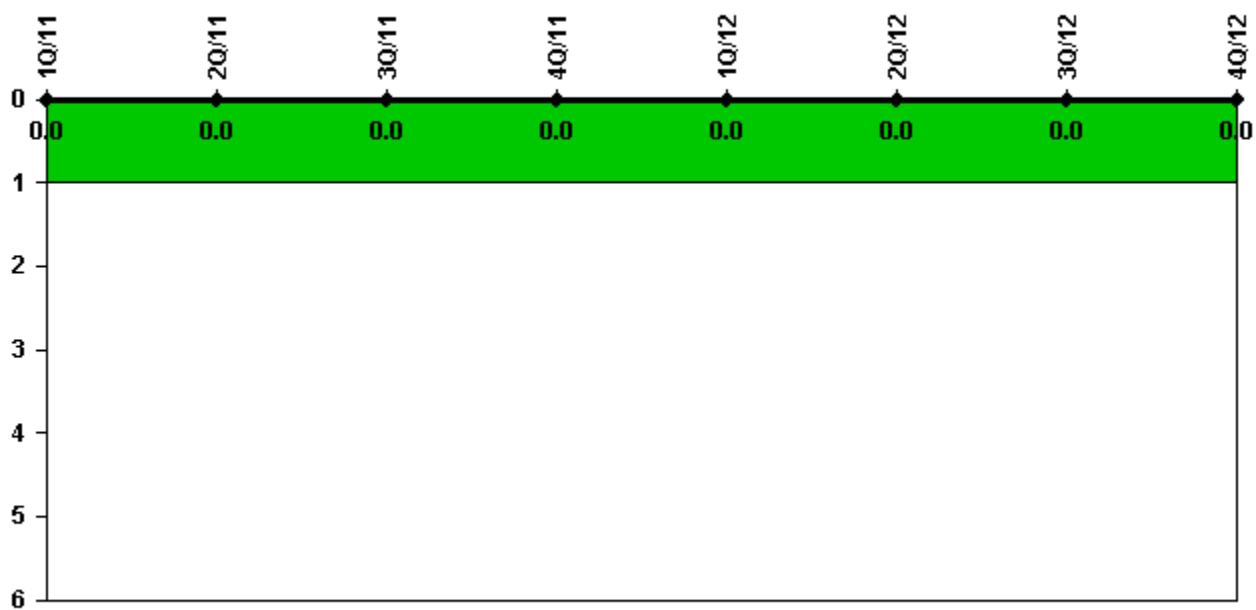
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	1895.0	1114.4	2208.0	2018.9	2183.0	2184.0	2208.0	841.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



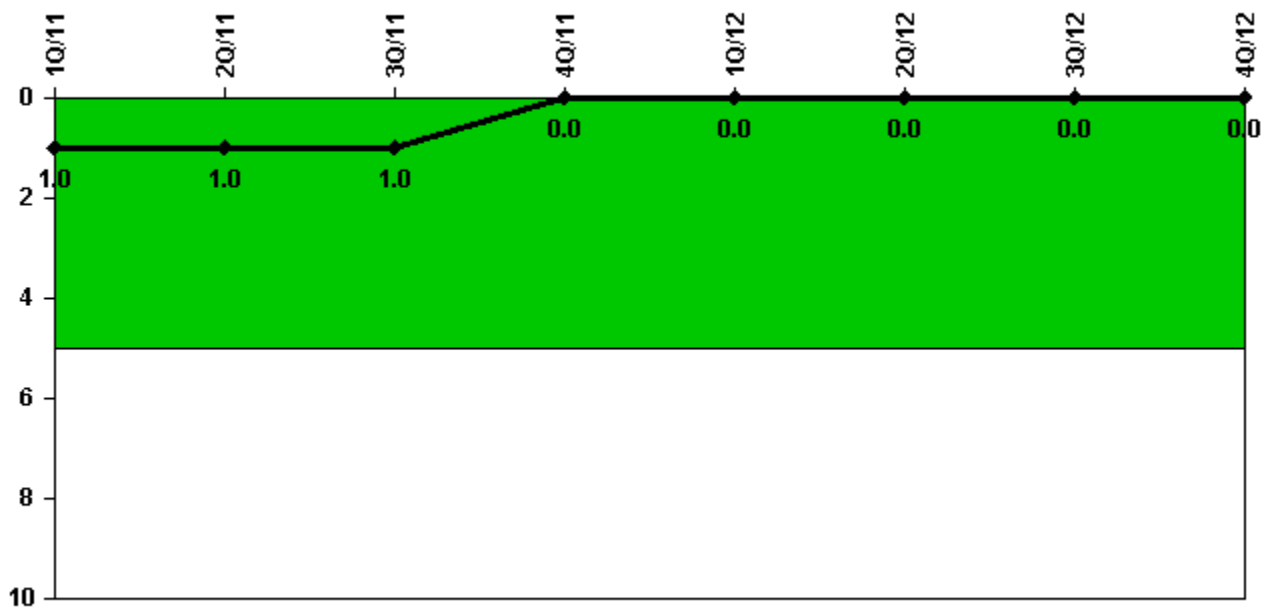
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/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)



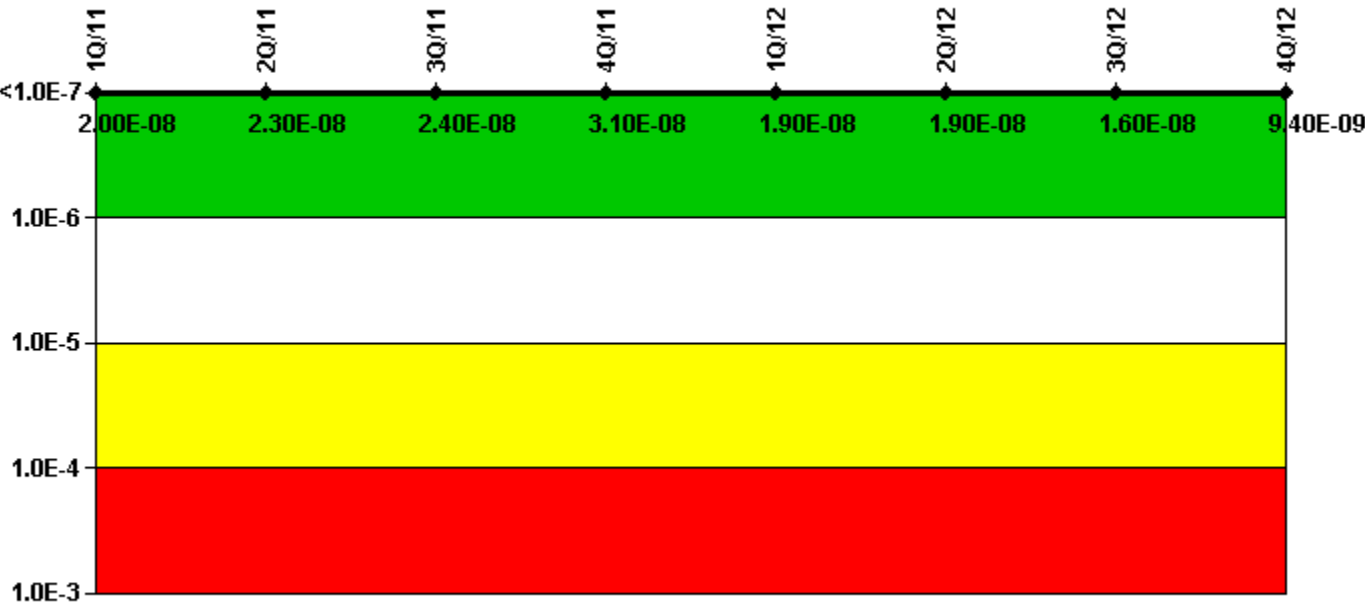
Thresholds: White > 5.0

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	1	1	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



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

Notes

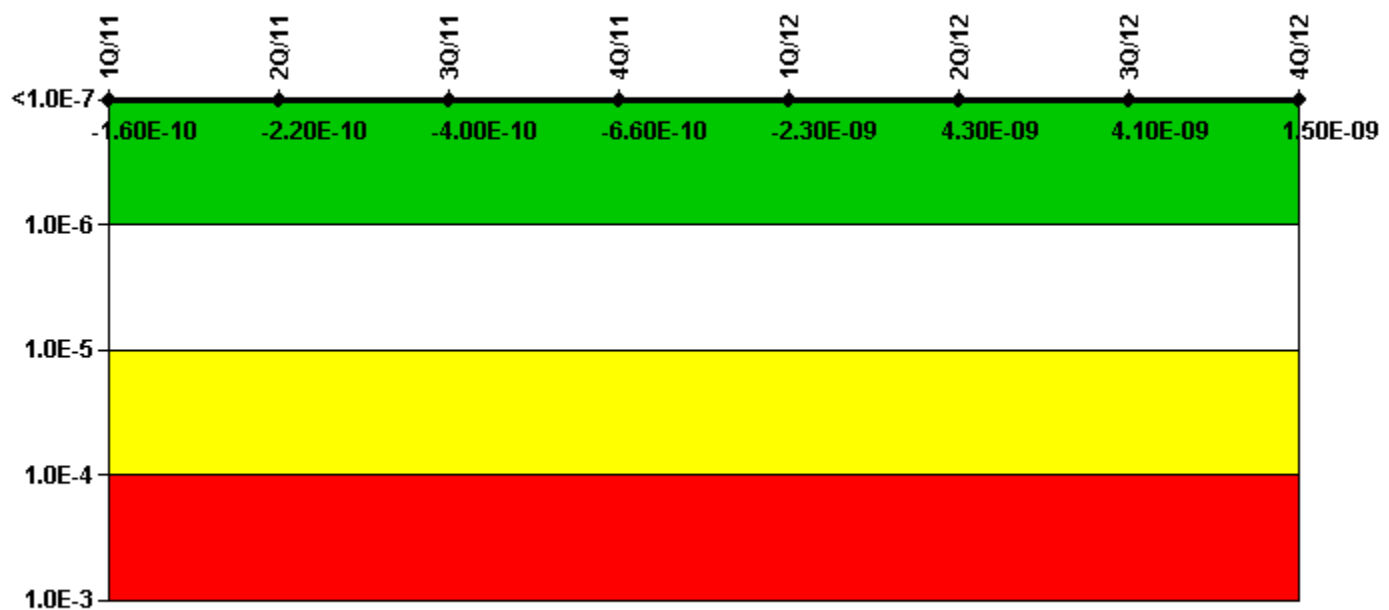
Mitigating Systems Performance Index, Emergency AC Power System	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (ΔCDF)	5.35E-09	8.87E-09	9.31E-09	1.06E-08	1.20E-08	1.21E-08	1.18E-08	4.73E-09
URI (ΔCDF)	1.42E-08	1.45E-08	1.51E-08	2.03E-08	6.94E-09	6.86E-09	4.68E-09	4.71E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.00E-08	2.30E-08	2.40E-08	3.10E-08	1.90E-08	1.90E-08	1.60E-08	9.40E-09

Licensee Comments:

4Q/12: Changed PRA Parameter(s).

1Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, High Pressure Injection System



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

Notes

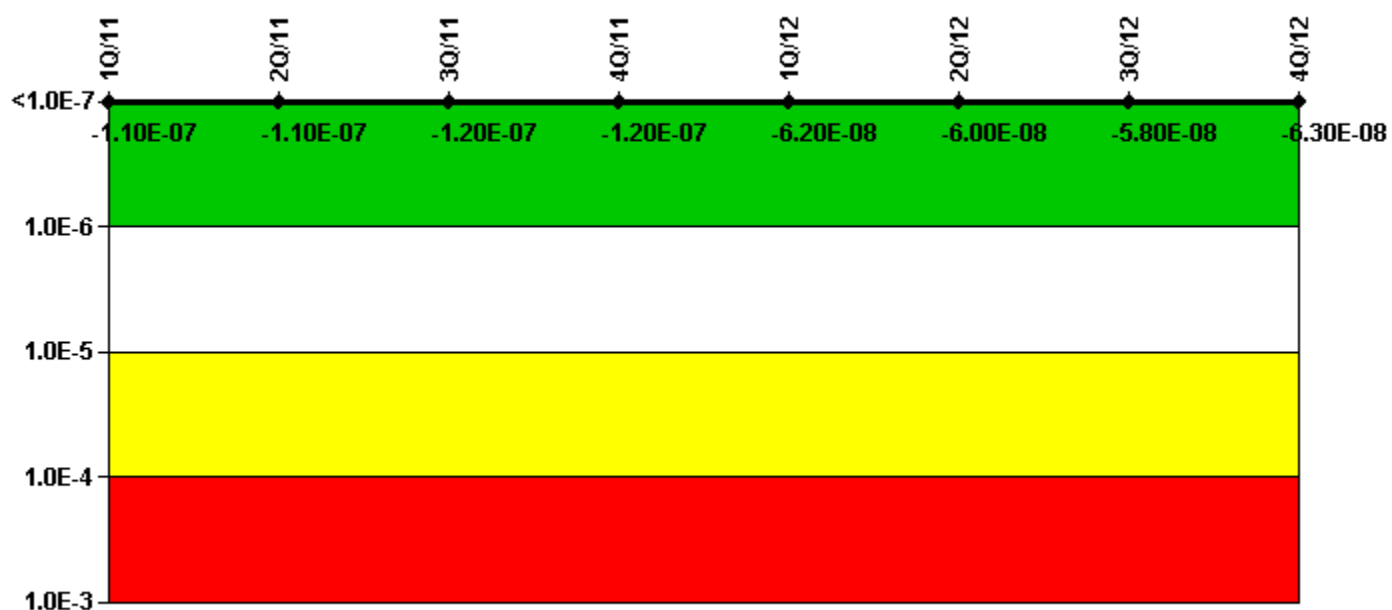
Mitigating Systems Performance Index, High Pressure Injection System	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (Δ CDF)	9.22E-10	8.57E-10	6.71E-10	4.10E-10	-4.94E-10	6.15E-09	5.99E-09	2.85E-09
URI (Δ CDF)	-1.08E-09	-1.08E-09	-1.07E-09	-1.07E-09	-1.82E-09	-1.88E-09	-1.93E-09	-1.36E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.60E-10	-2.20E-10	-4.00E-10	-6.60E-10	-2.30E-09	4.30E-09	4.10E-09	1.50E-09

Licensee Comments:

4Q/12: Changed PRA Parameter(s).

1Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



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

Notes

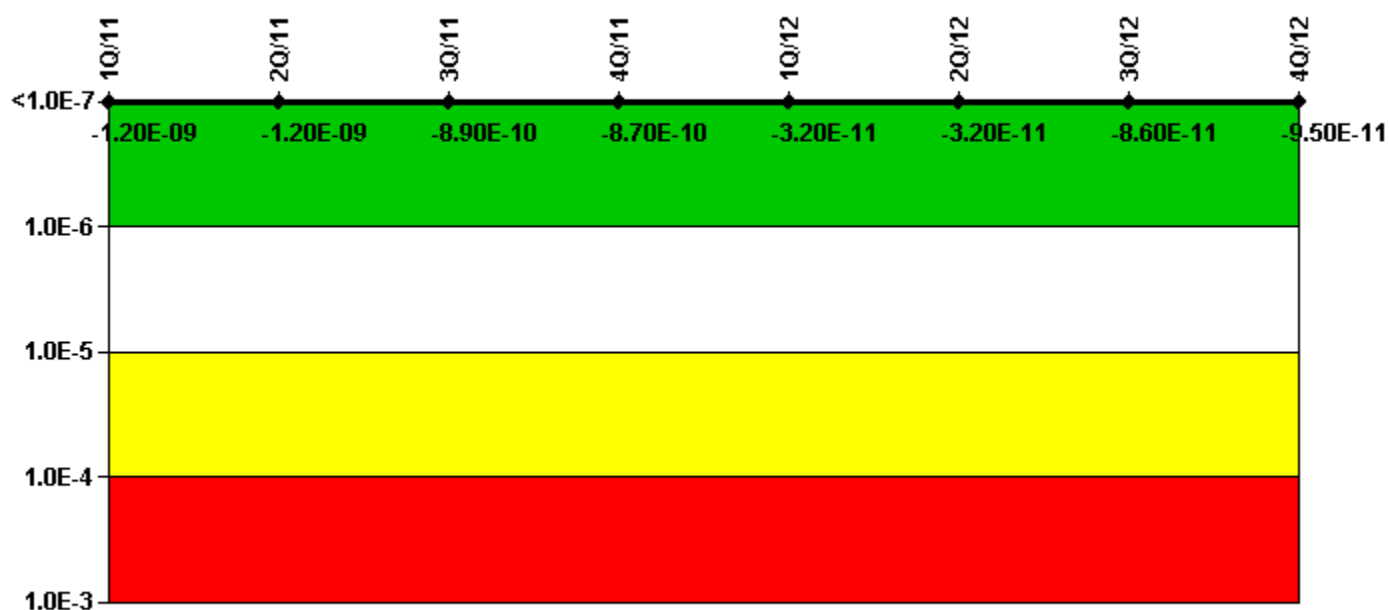
Mitigating Systems Performance Index, Heat Removal System	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (Δ CDF)	6.51E-09	1.89E-09	-1.17E-09	-1.06E-09	-7.18E-10	9.01E-10	2.74E-09	5.44E-09
URI (Δ CDF)	-1.13E-07	-1.14E-07	-1.15E-07	-1.15E-07	-6.11E-08	-6.11E-08	-6.11E-08	-6.83E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.10E-07	-1.10E-07	-1.20E-07	-1.20E-07	-6.20E-08	-6.00E-08	-5.80E-08	-6.30E-08

Licensee Comments:

4Q/12: Changed PRA Parameter(s).

1Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System



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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (Δ CDF)	5.42E-10	5.64E-10	8.69E-10	8.96E-10	3.77E-11	3.76E-11	-1.55E-11	-2.06E-11
URI (Δ CDF)	-1.76E-09	-1.76E-09	-1.76E-09	-1.76E-09	-7.01E-11	-7.01E-11	-7.01E-11	-7.47E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.20E-09	-1.20E-09	-8.90E-10	-8.70E-10	-3.20E-11	-3.20E-11	-8.60E-11	-9.50E-11

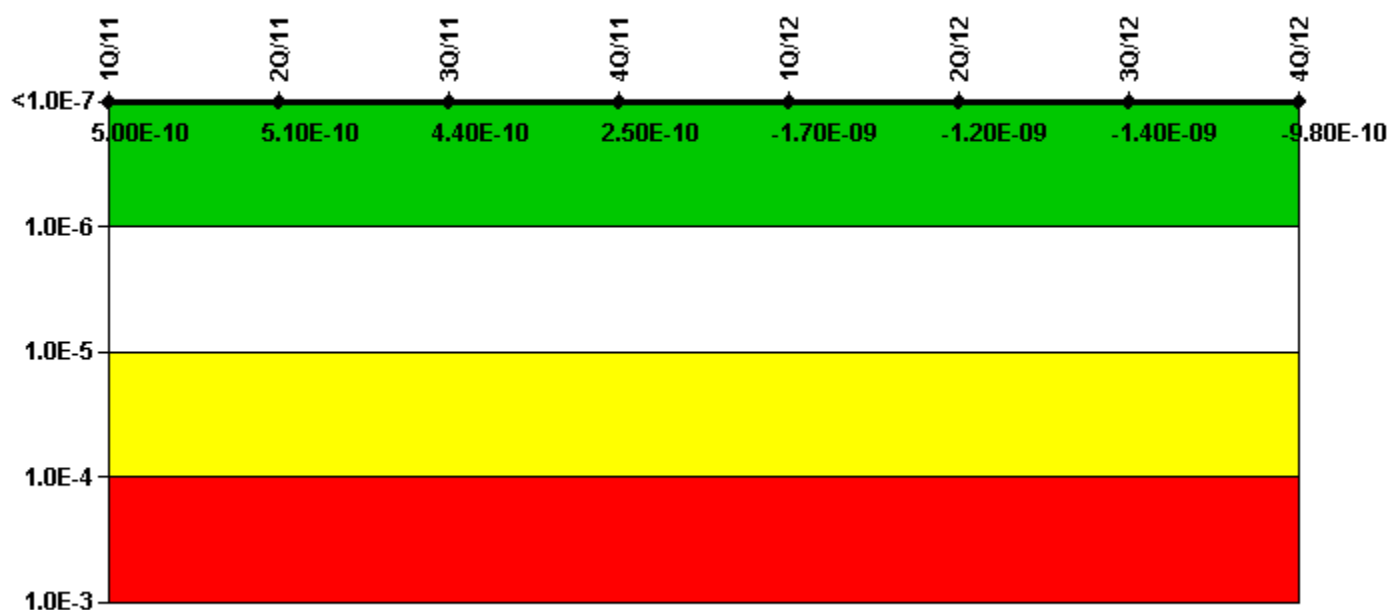
Licensee Comments:

4Q/12: Changed PRA Parameter(s).

1Q/12: Changed PRA Parameter(s).

1Q/11: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



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

Notes

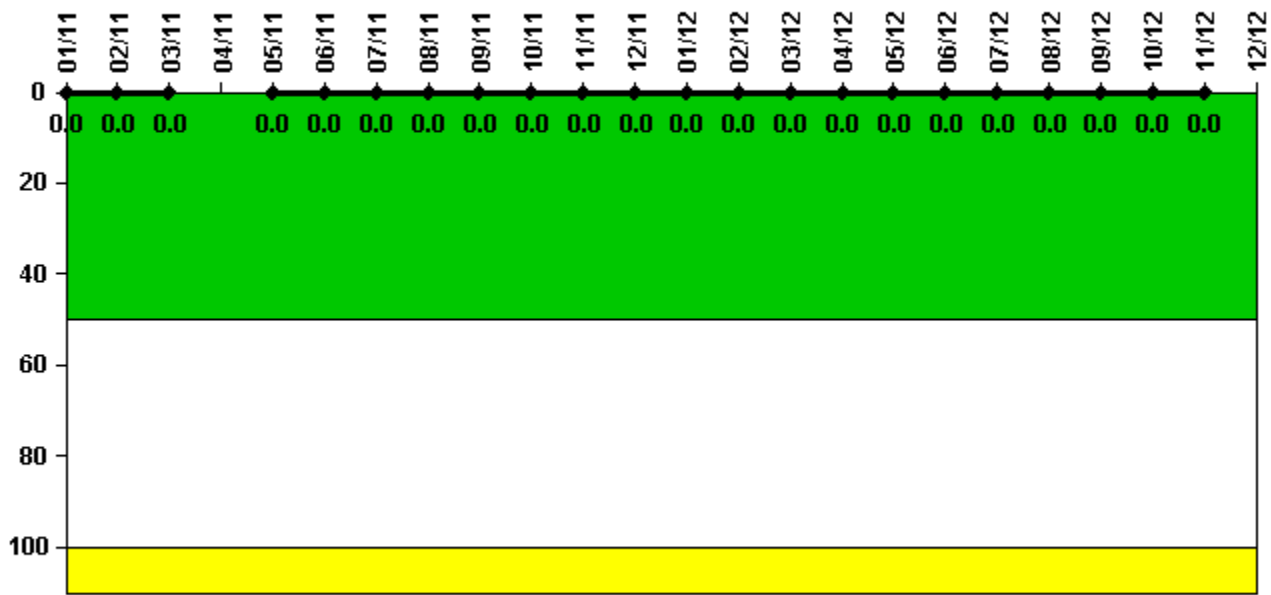
Mitigating Systems Performance Index, Cooling Water Systems	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (Δ CDF)	7.28E-10	7.34E-10	6.66E-10	4.73E-10	1.91E-09	2.43E-09	2.21E-09	3.54E-09
URI (Δ CDF)	-2.24E-10	-2.24E-10	-2.24E-10	-2.24E-10	-3.58E-09	-3.58E-09	-3.58E-09	-4.52E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	5.00E-10	5.10E-10	4.40E-10	2.50E-10	-1.70E-09	-1.20E-09	-1.40E-09	-9.80E-10

Licensee Comments:

4Q/12: Changed PRA Parameter(s).

1Q/12: Changed PRA Parameter(s).

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

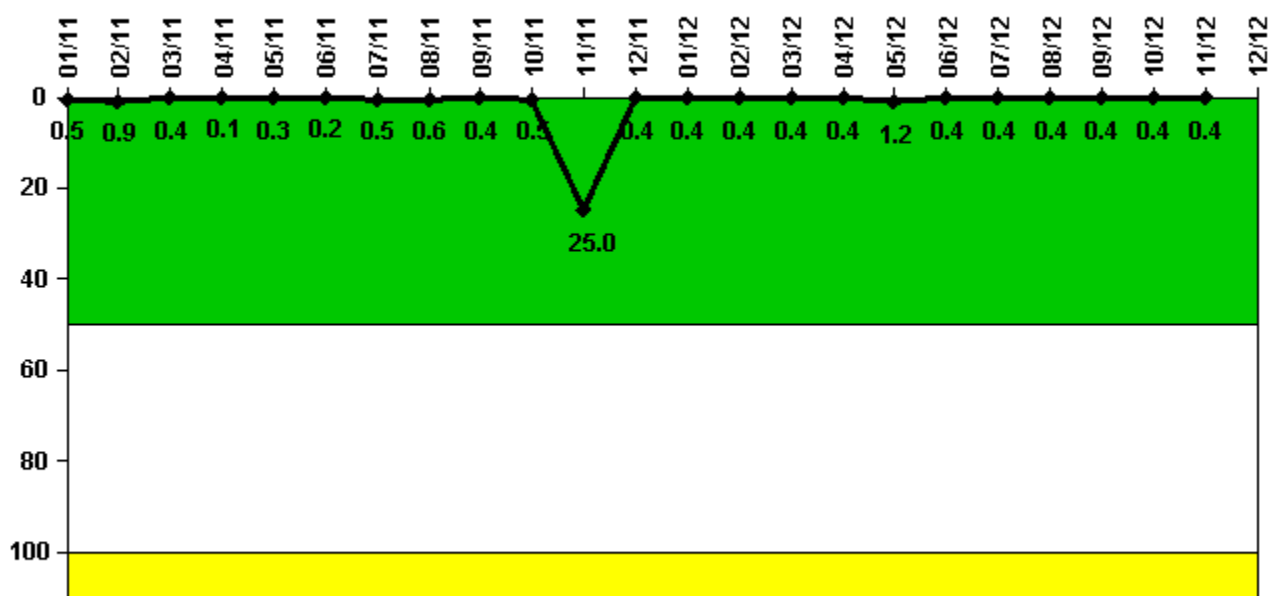
Notes

Reactor Coolant System Activity	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11
Maximum activity	0.000449	0.000455	0.000462	N/A	0.000232	0.000244	0.000360	0.000330	0.000260	0.000280	0.000290	0.000290
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	N/A	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	12/12
Maximum activity	0.000320	0.000350	0.000320	0.000340	0.000350	0.000390	0.000380	0.000360	0.000370	0.000400	0.000370	N/A
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	N/A

Licensee Comments: none

Reactor Coolant System Leakage



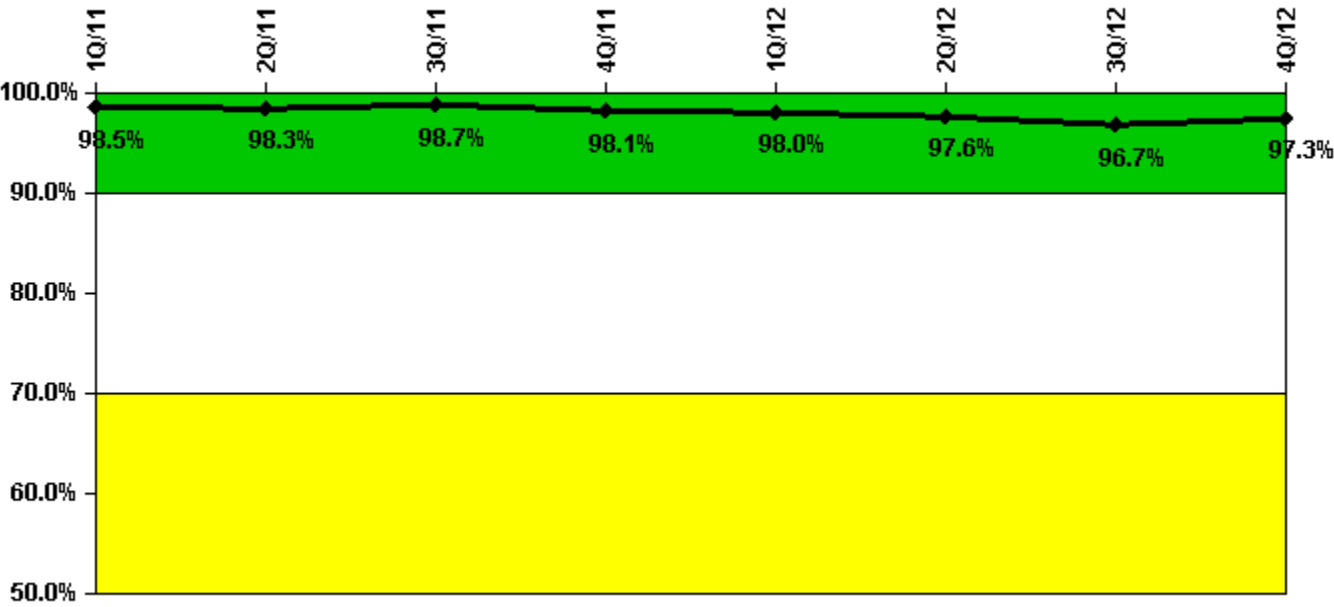
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11
Maximum leakage	0.050	0.090	0.040	0.010	0.030	0.020	0.050	0.060	0.040	0.045	2.500	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	0.9	0.4	0.1	0.3	0.2	0.5	0.6	0.4	0.5	25.0	0.4
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	0.040	0.040	0.040	0.040	0.120	0.040	0.040	0.040	0.040	0.040	0.040	N/A
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.4	0.4	0.4	1.2	0.4	0.4	0.4	0.4	0.4	0.4	N/A

Licensee Comments: none

Drill/Exercise Performance

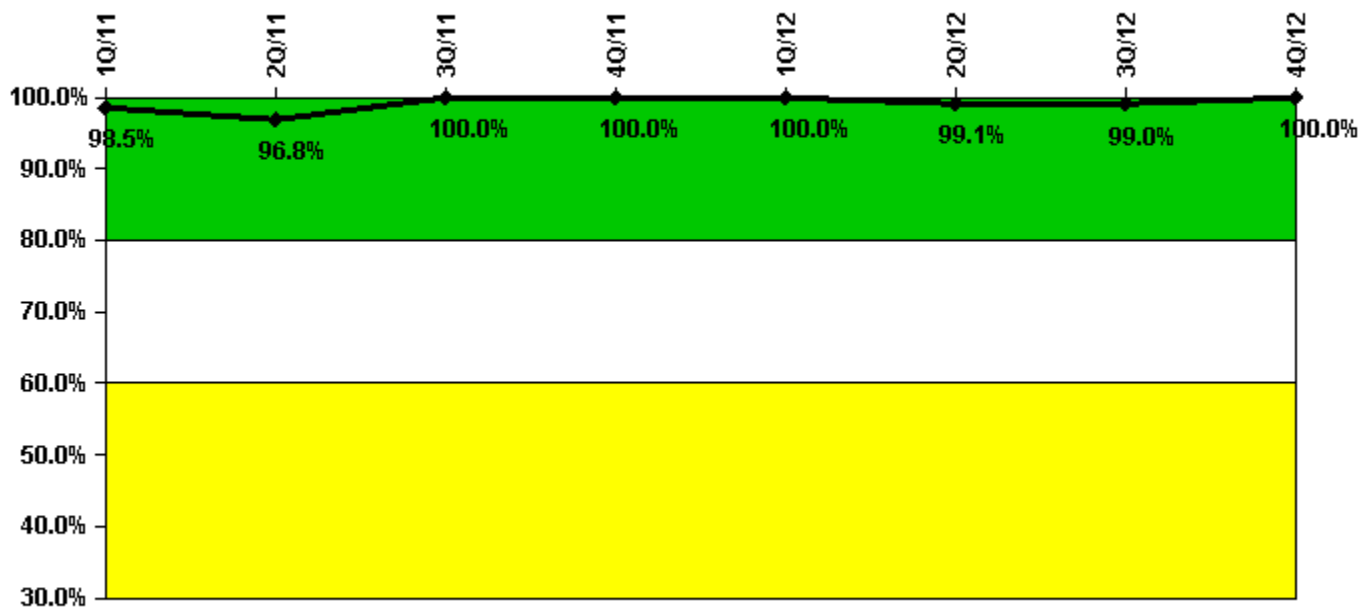


Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Successful opportunities	45.0	7.0	58.0	40.0	24.0	22.0	35.0	55.0
Total opportunities	46.0	7.0	59.0	42.0	24.0	23.0	38.0	55.0
Indicator value	98.5%	98.3%	98.7%	98.1%	98.0%	97.6%	96.7%	97.3%

Licensee Comments: none

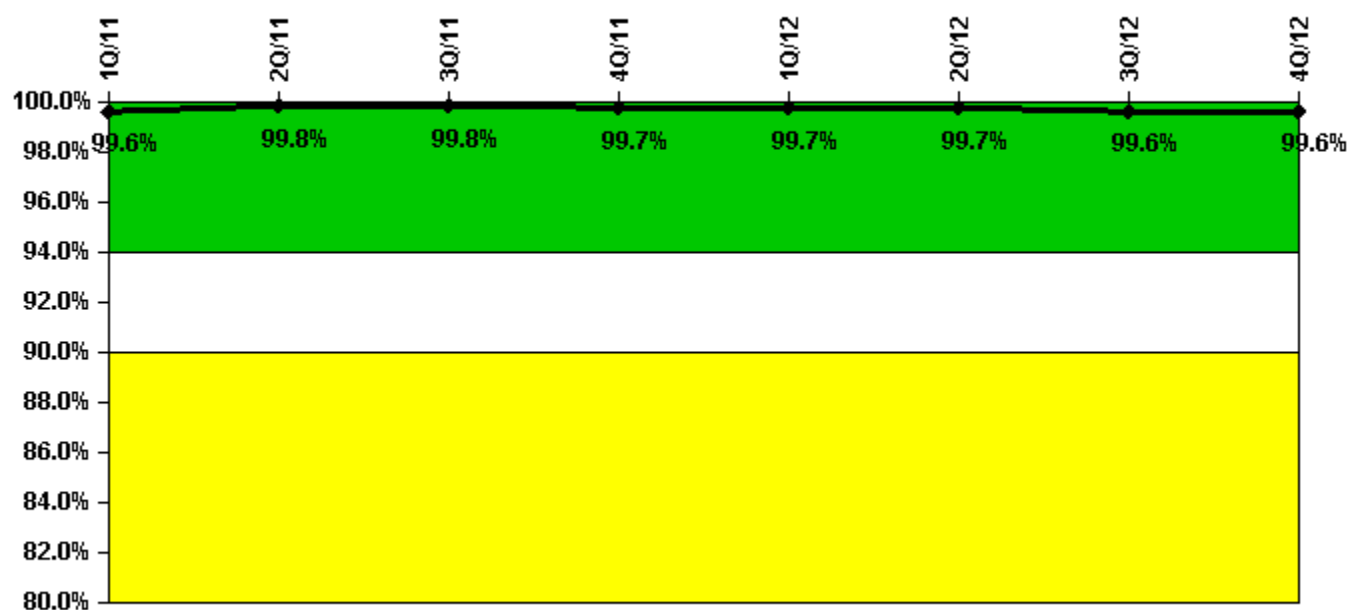
ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Participating Key personnel	128.0	121.0	117.0	113.0	104.0	106.0	98.0	103.0
Total Key personnel	130.0	125.0	117.0	113.0	104.0	107.0	99.0	103.0
Indicator value	98.5%	96.8%	100.0%	100.0%	100.0%	99.1%	99.0%	100.0%

Licensee Comments: none

Alert & Notification System

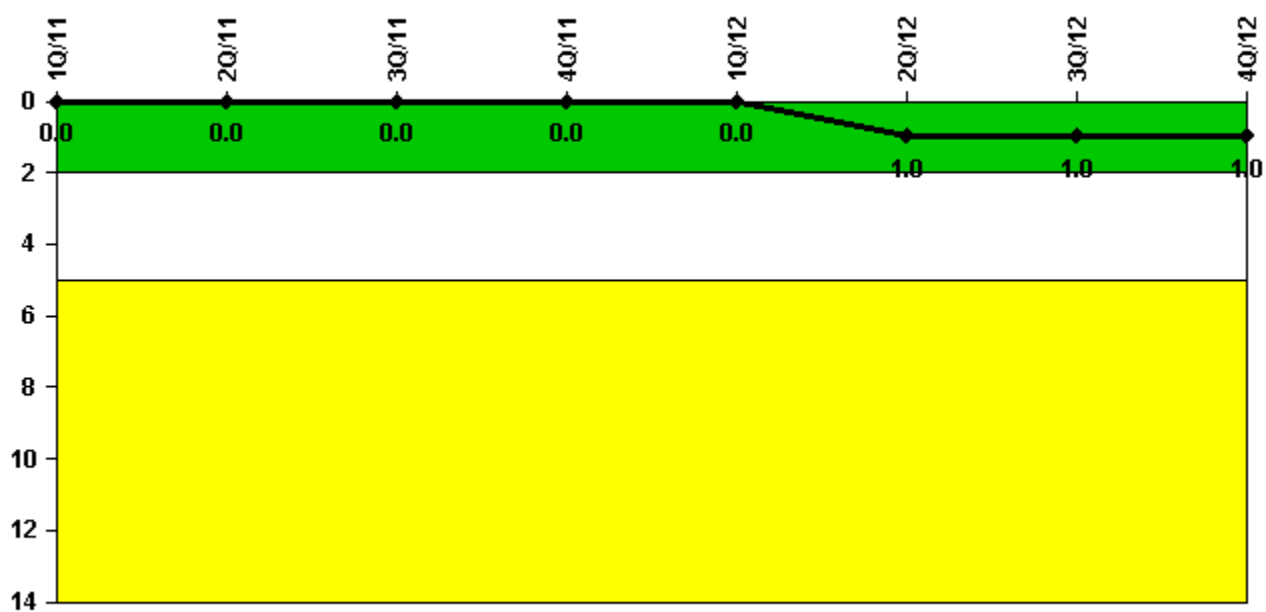
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Successful siren-tests	375	328	375	328	375	328	374	328
Total sirens-tests	376	329	376	329	376	329	376	329
Indicator value	99.6%	99.8%	99.8%	99.7%	99.7%	99.7%	99.6%	99.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness

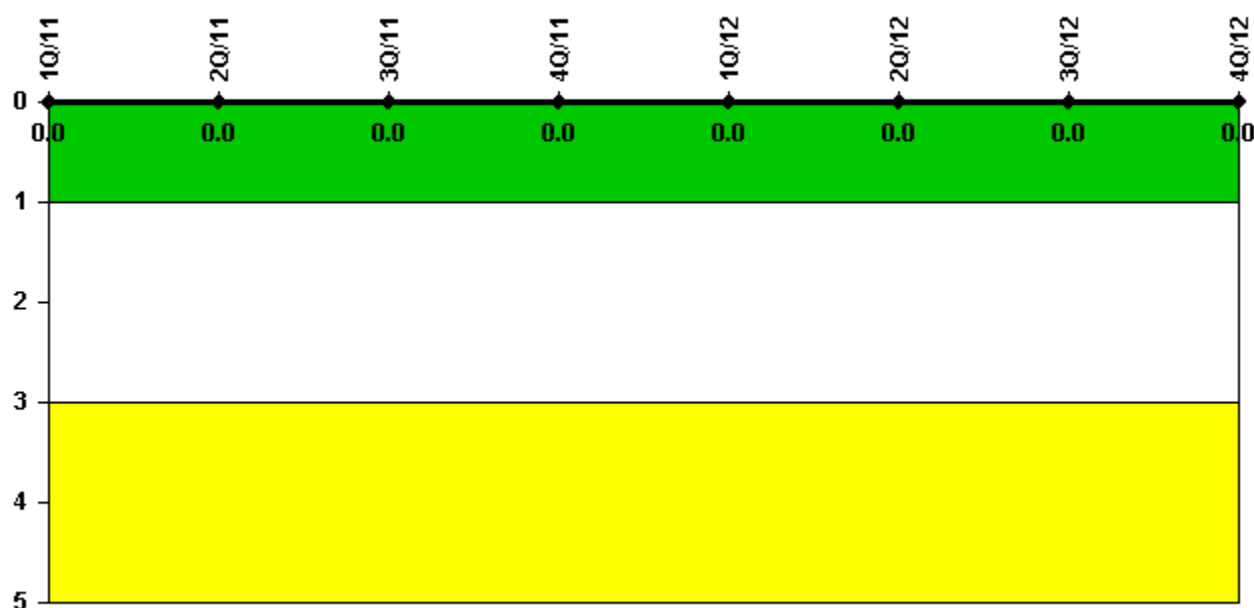


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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	1	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	1	1	1

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

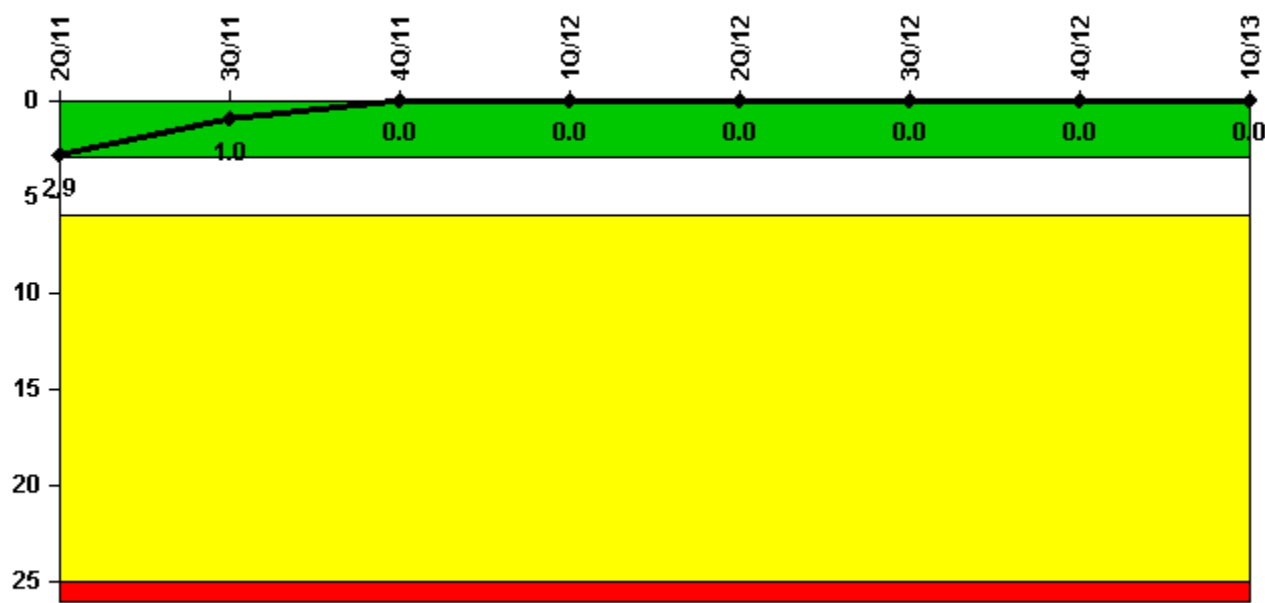
Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

Turkey Point 4

1Q/2013 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



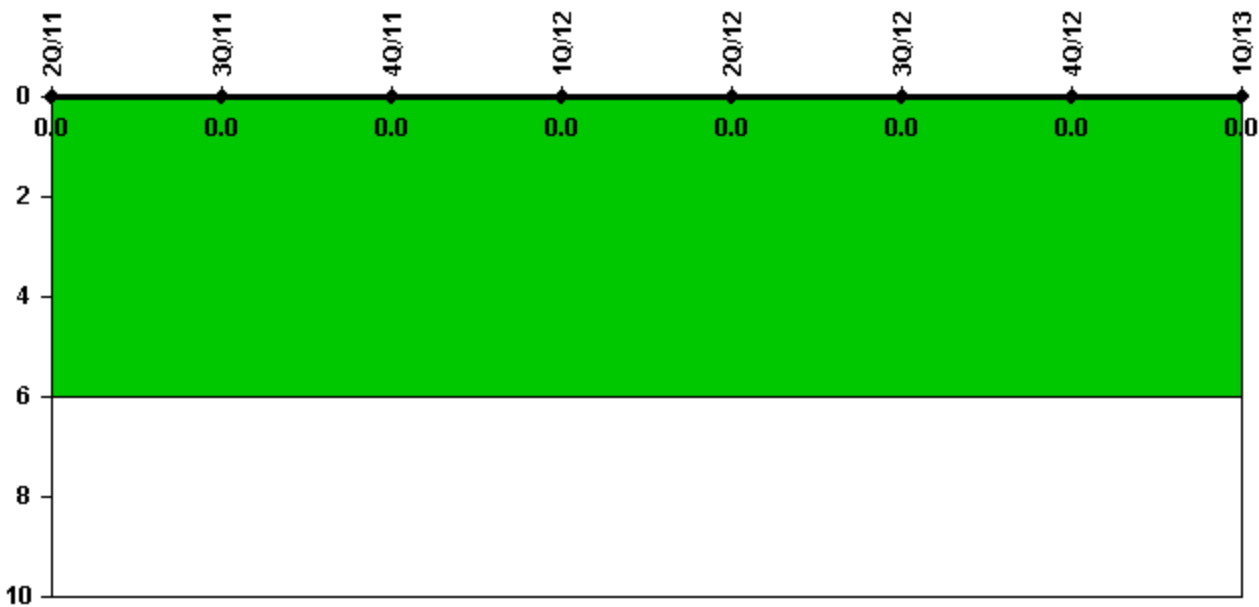
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1114.4	2208.0	2018.9	2183.0	2184.0	2208.0	841.0	0
Indicator value	2.9	1.0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



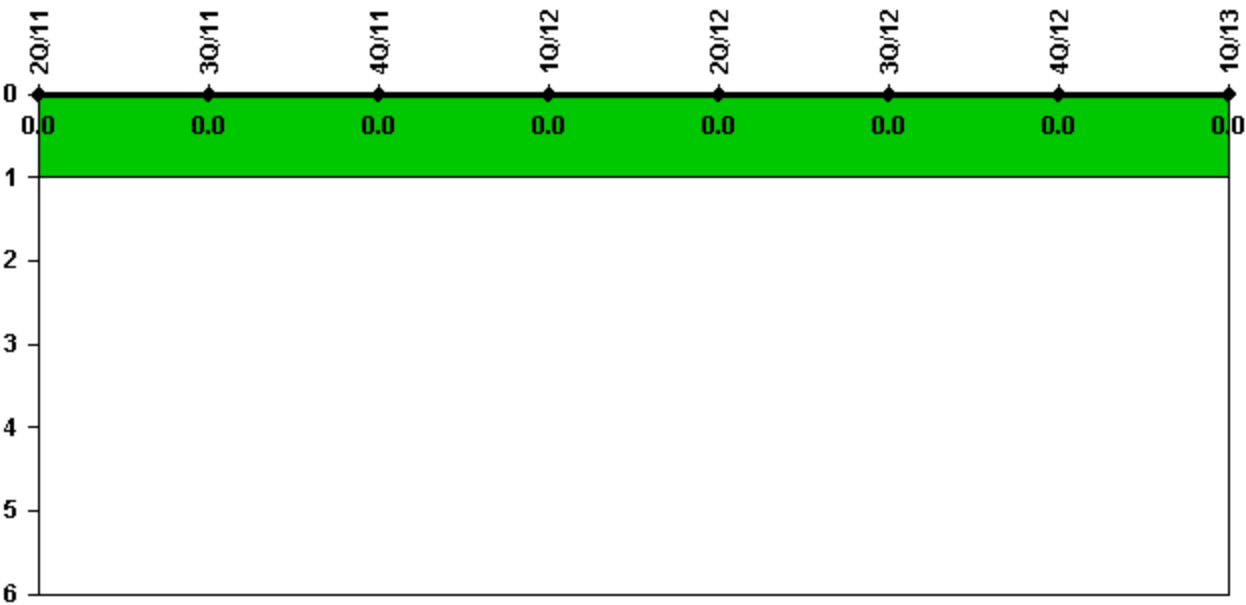
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	1114.4	2208.0	2018.9	2183.0	2184.0	2208.0	841.0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



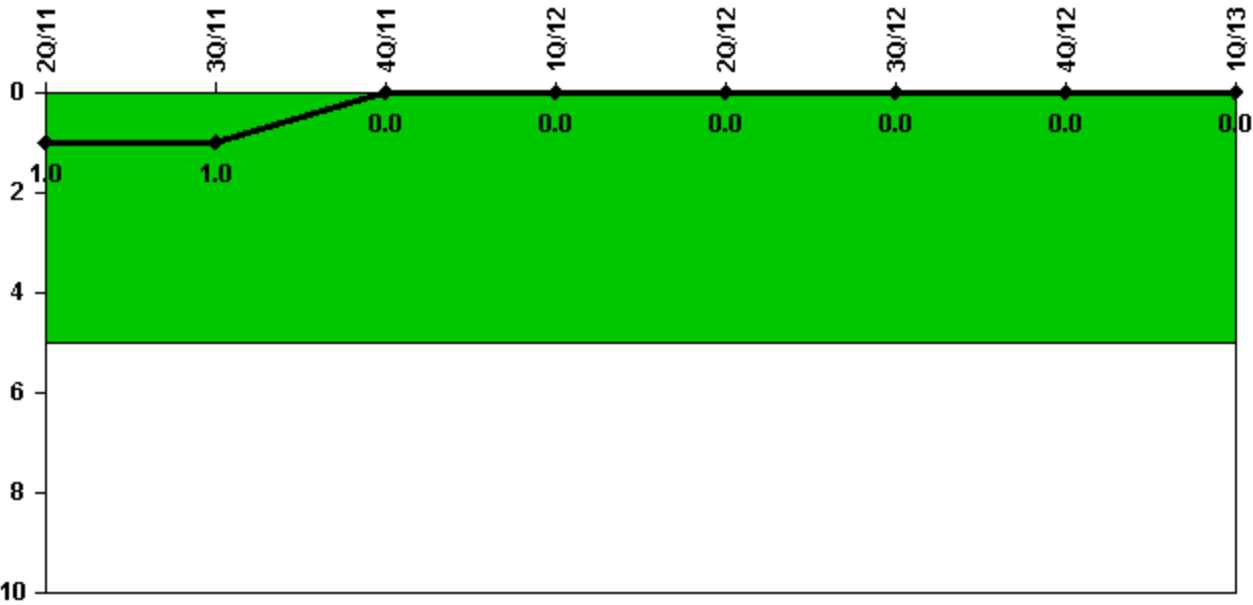
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/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)



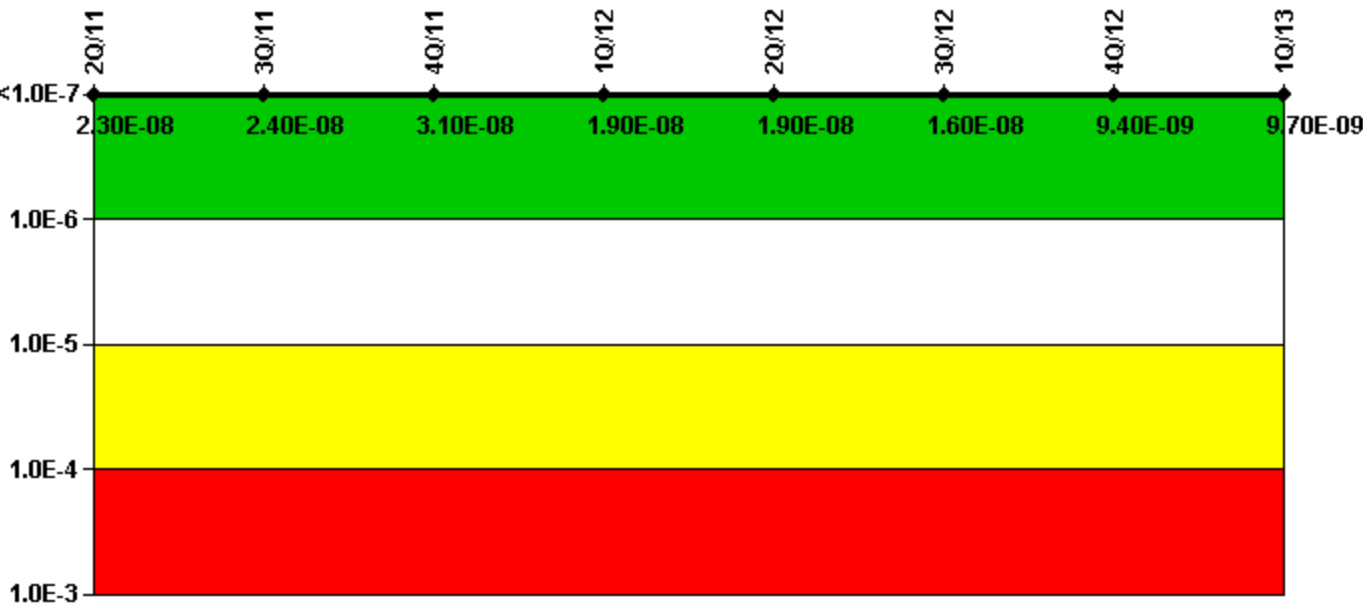
Thresholds: White > 5.0

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	1	1	0	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



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

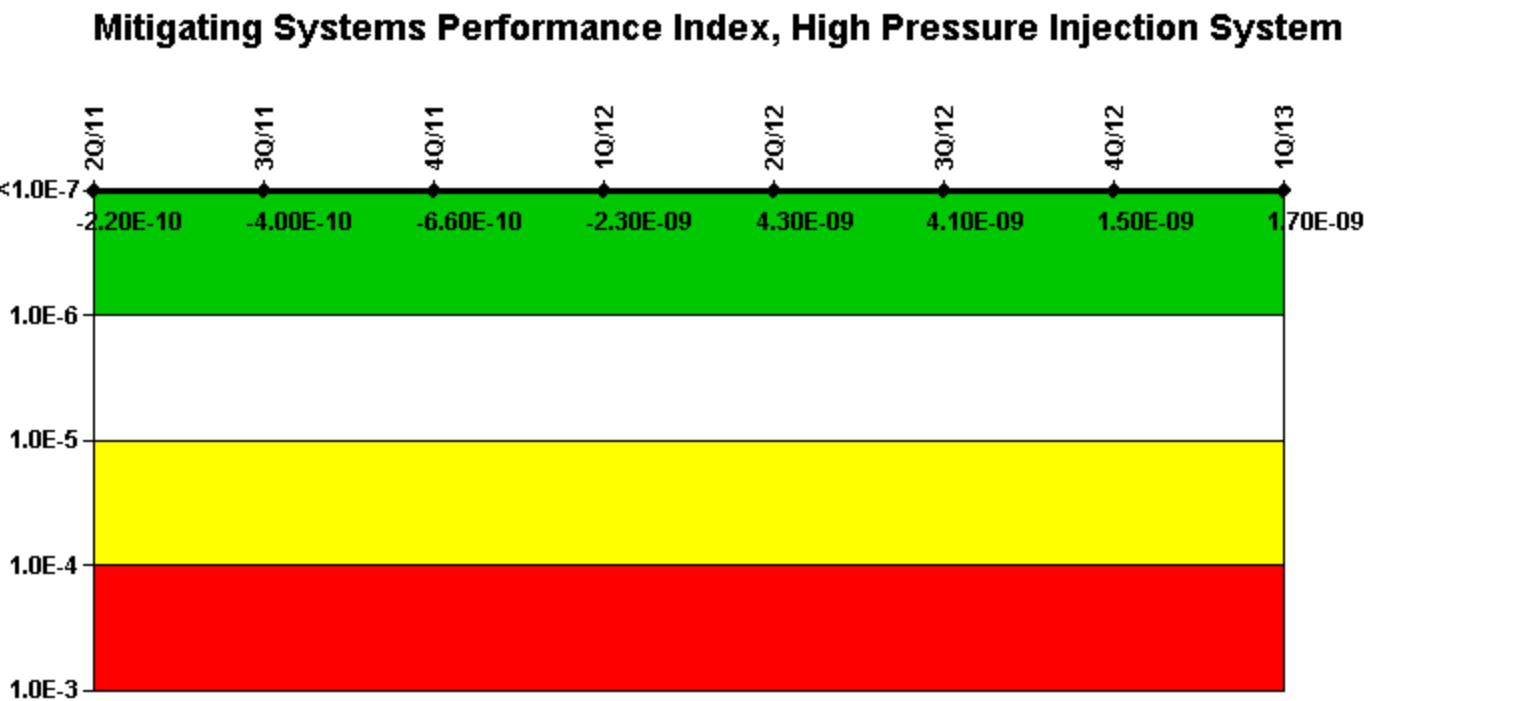
Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
UAI (ΔCDF)	8.87E-09	9.31E-09	1.06E-08	1.20E-08	1.21E-08	1.18E-08	4.73E-09	5.35E-09
URI (ΔCDF)	1.45E-08	1.51E-08	2.03E-08	6.94E-09	6.86E-09	4.68E-09	4.71E-09	4.34E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.30E-08	2.40E-08	3.10E-08	1.90E-08	1.90E-08	1.60E-08	9.40E-09	9.70E-09

Licensee Comments:

4Q/12: Changed PRA Parameter(s).

1Q/12: Changed PRA Parameter(s).



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

Notes

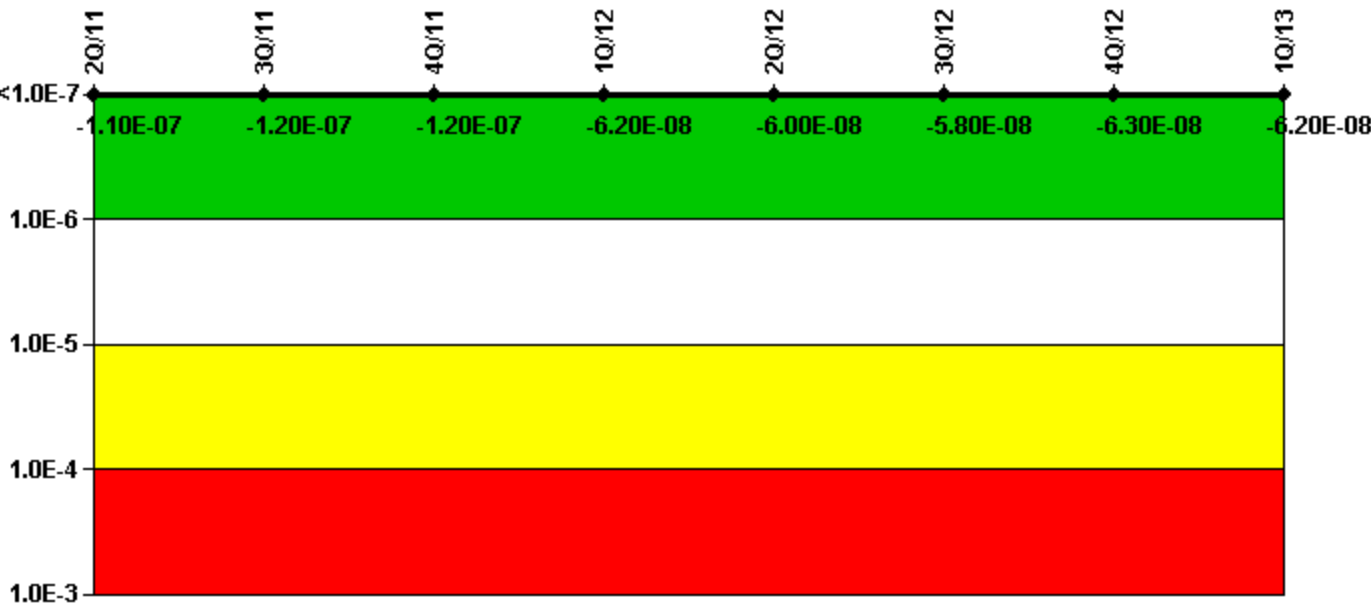
Mitigating Systems Performance Index, High Pressure Injection System	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
UAI (ΔCDF)	8.57E-10	6.71E-10	4.10E-10	-4.94E-10	6.15E-09	5.99E-09	2.85E-09	3.12E-09
URI (ΔCDF)	-1.08E-09	-1.07E-09	-1.07E-09	-1.82E-09	-1.88E-09	-1.93E-09	-1.36E-09	-1.41E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.20E-10	-4.00E-10	-6.60E-10	-2.30E-09	4.30E-09	4.10E-09	1.50E-09	1.70E-09

Licensee Comments:

4Q/12: Changed PRA Parameter(s).

1Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



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

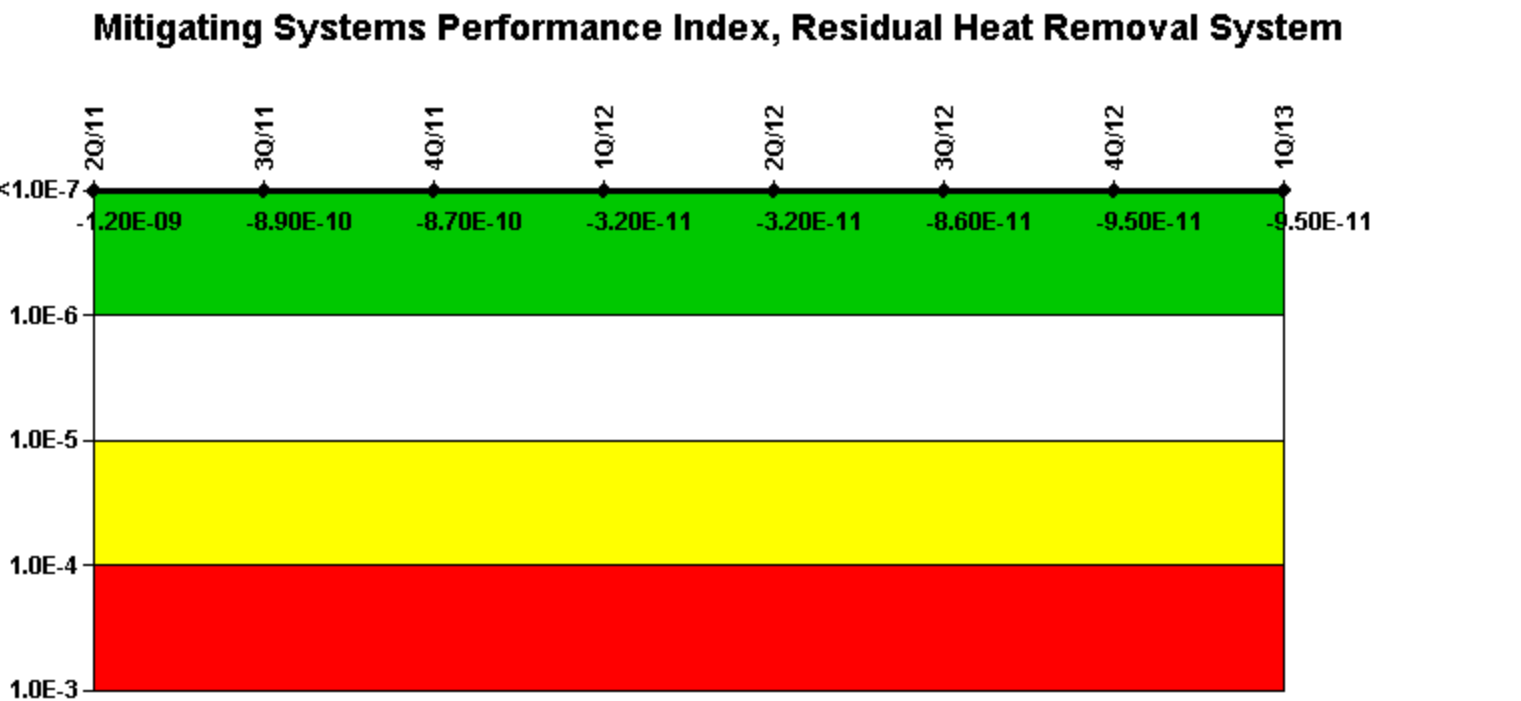
Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
UAI (ΔCDF)	1.89E-09	-1.17E-09	-1.06E-09	-7.18E-10	9.01E-10	2.74E-09	5.44E-09	6.62E-09
URI (ΔCDF)	-1.14E-07	-1.15E-07	-1.15E-07	-6.11E-08	-6.11E-08	-6.11E-08	-6.83E-08	-6.88E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.10E-07	-1.20E-07	-1.20E-07	-6.20E-08	-6.00E-08	-5.80E-08	-6.30E-08	-6.20E-08

Licensee Comments:

4Q/12: Changed PRA Parameter(s).

1Q/12: Changed PRA Parameter(s).



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

Notes

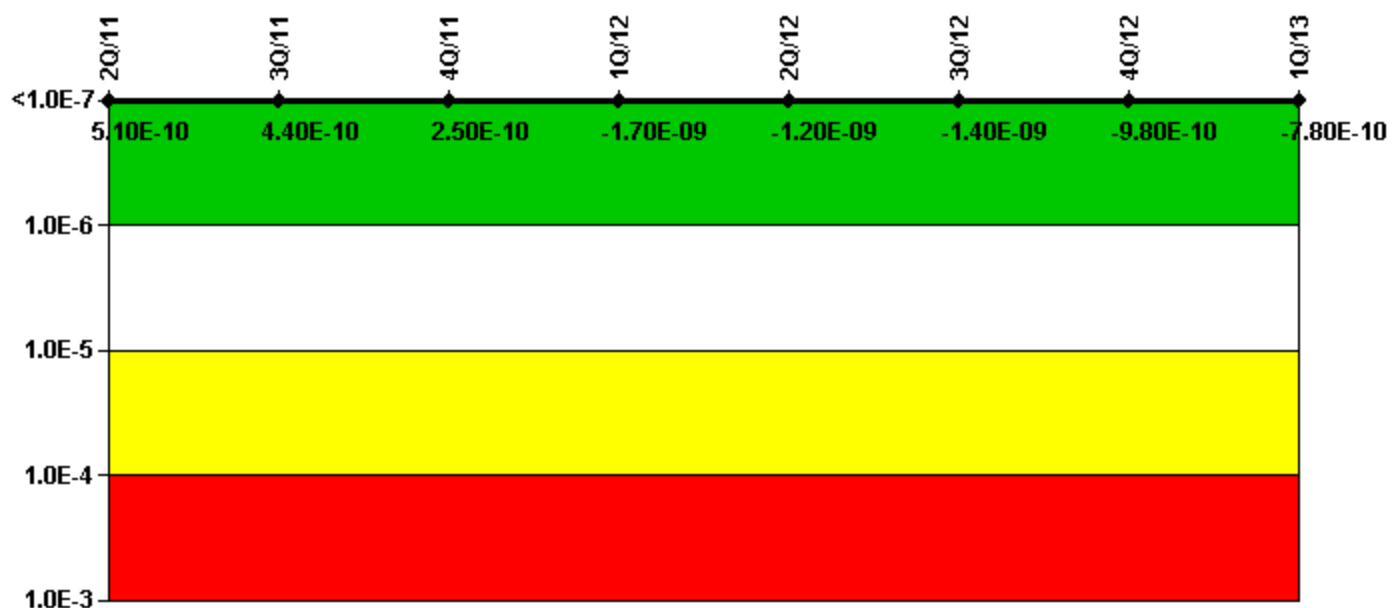
Mitigating Systems Performance Index, Residual Heat Removal System	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
UAI (ΔCDF)	5.64E-10	8.69E-10	8.96E-10	3.77E-11	3.76E-11	-1.55E-11	-2.06E-11	-2.06E-11
URI (ΔCDF)	-1.76E-09	-1.76E-09	-1.76E-09	-7.01E-11	-7.01E-11	-7.01E-11	-7.47E-11	-7.47E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.20E-09	-8.90E-10	-8.70E-10	-3.20E-11	-3.20E-11	-8.60E-11	-9.50E-11	-9.50E-11

Licensee Comments:

4Q/12: Changed PRA Parameter(s).

1Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



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

Notes

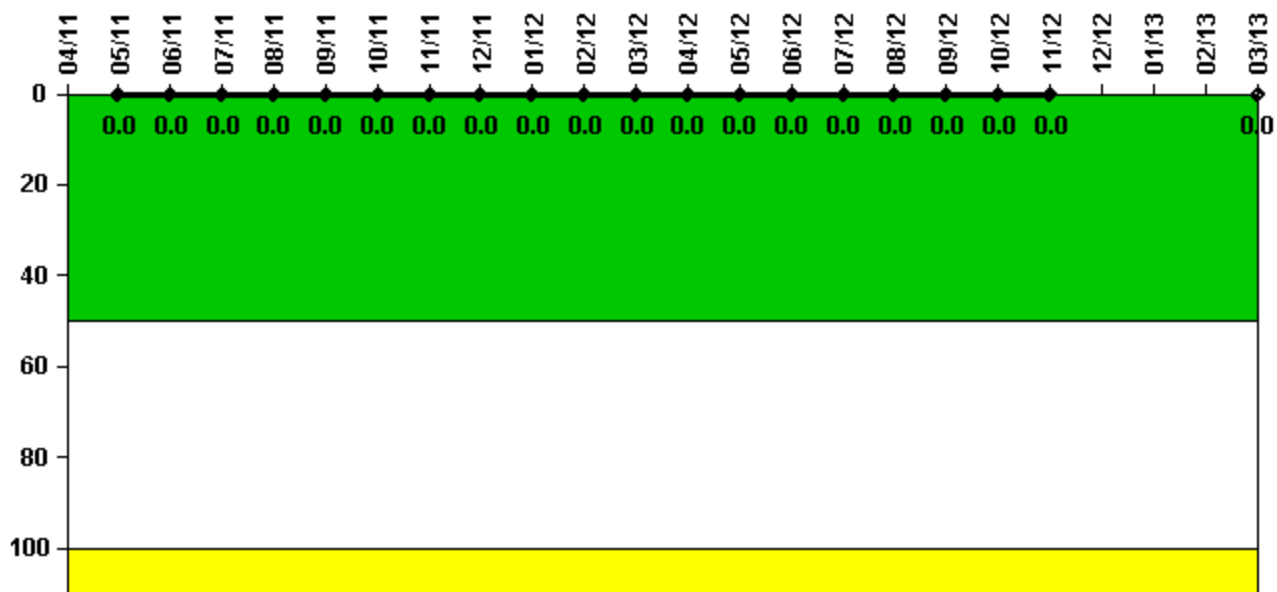
Mitigating Systems Performance Index, Cooling Water Systems	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
UAI (ΔCDF)	7.34E-10	6.66E-10	4.73E-10	1.91E-09	2.43E-09	2.21E-09	3.54E-09	3.73E-09
URI (ΔCDF)	-2.24E-10	-2.24E-10	-2.24E-10	-3.58E-09	-3.58E-09	-3.58E-09	-4.52E-09	-4.52E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	5.10E-10	4.40E-10	2.50E-10	-1.70E-09	-1.20E-09	-1.40E-09	-9.80E-10	-7.80E-10

Licensee Comments:

4Q/12: Changed PRA Parameter(s).

1Q/12: Changed PRA Parameter(s).

Reactor Coolant System Activity



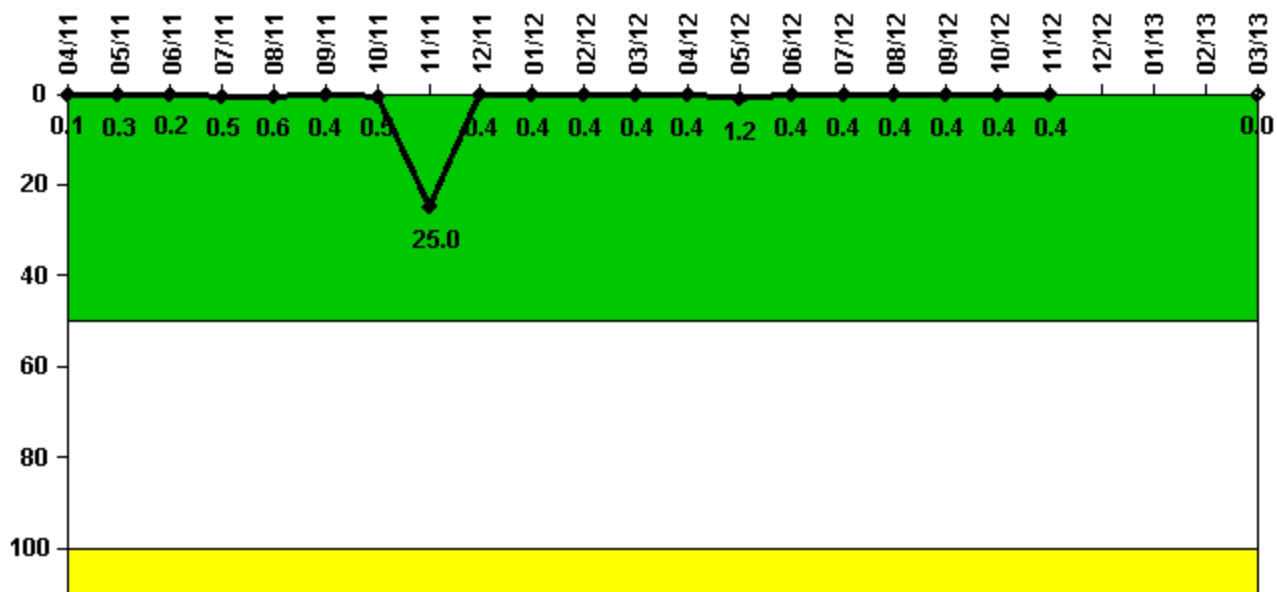
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12
Maximum activity	N/A	0.000232	0.000244	0.000360	0.000330	0.000260	0.000280	0.000290	0.000290	0.000320	0.000350	0.000320
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	N/A	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	12/12	1/13	2/13	3/13
Maximum activity	0.000340	0.000350	0.000390	0.000380	0.000360	0.000370	0.000400	0.000370	N/A	N/A	N/A	0.000006
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.3	0.3
Indicator value	0	0	0	0	0	0	0	0	N/A	N/A	N/A	0

Licensee Comments: none

Reactor Coolant System Leakage



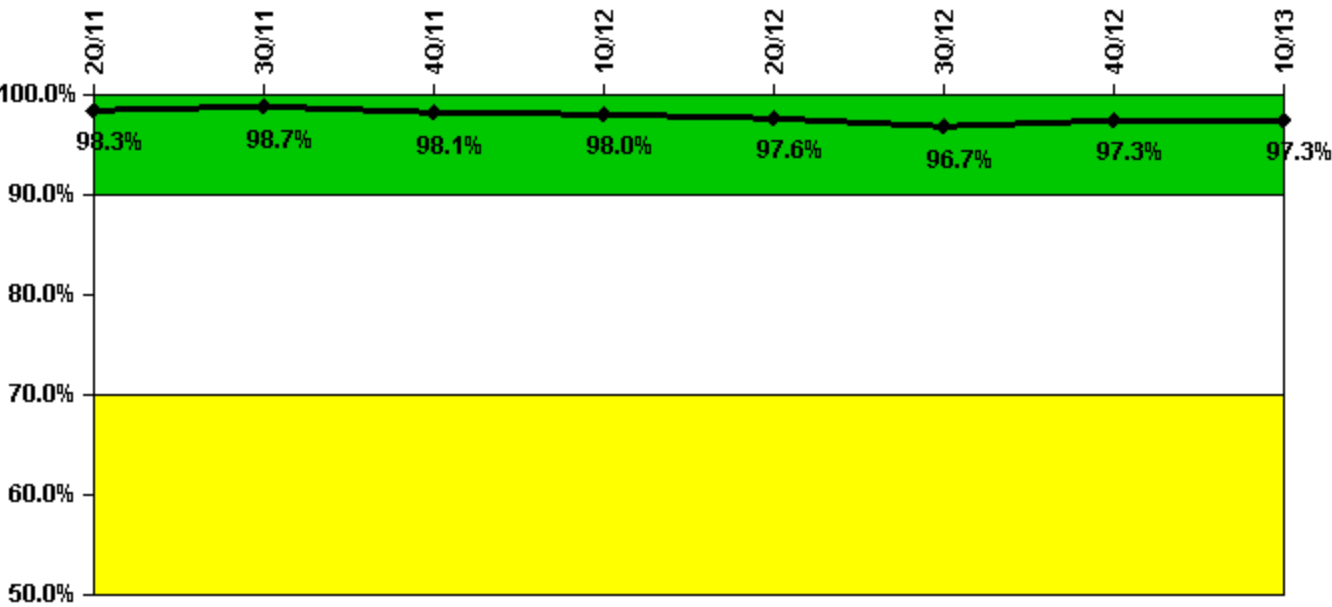
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12
Maximum leakage	0.010	0.030	0.020	0.050	0.060	0.040	0.045	2.500	0.040	0.040	0.040	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.3	0.2	0.5	0.6	0.4	0.5	25.0	0.4	0.4	0.4	0.4
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	0.040	0.120	0.040	0.040	0.040	0.040	0.040	0.040	N/A	N/A	N/A	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	1.2	0.4	0.4	0.4	0.4	0.4	0.4	N/A	N/A	N/A	0

Licensee Comments: none

Drill/Exercise Performance



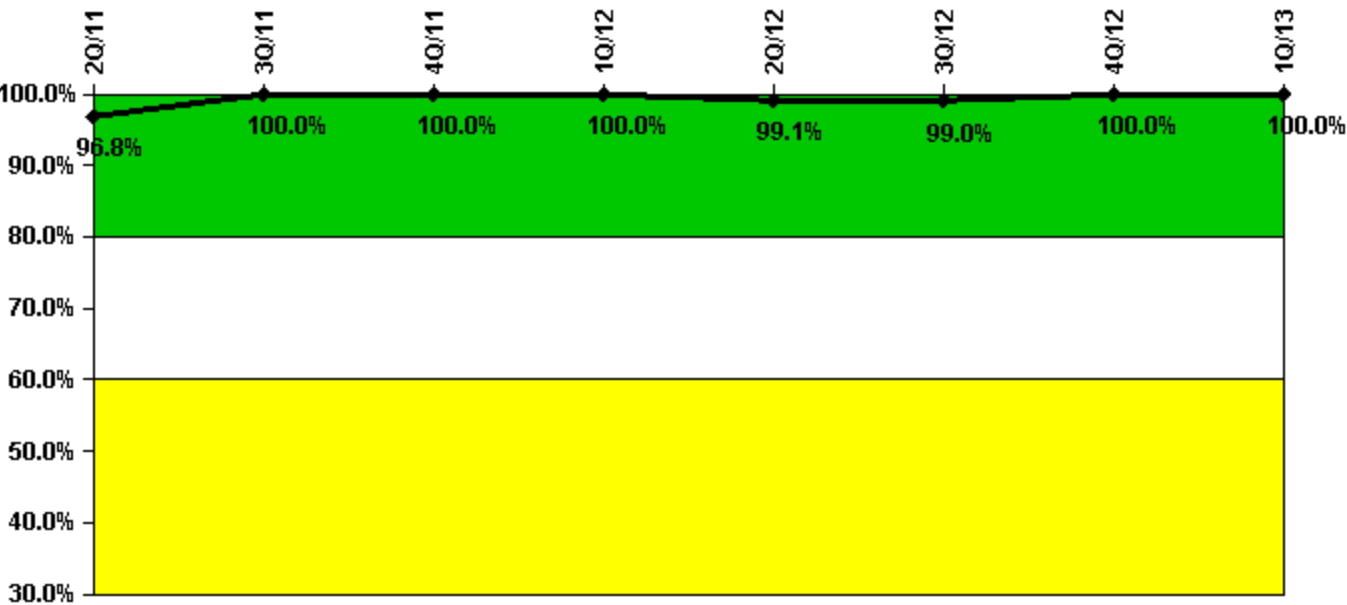
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Successful opportunities	7.0	58.0	40.0	24.0	22.0	35.0	55.0	10.0
Total opportunities	7.0	59.0	42.0	24.0	23.0	38.0	55.0	10.0
Indicator value	98.3%	98.7%	98.1%	98.0%	97.6%	96.7%	97.3%	97.3%

Licensee Comments: none

ERO Drill Participation



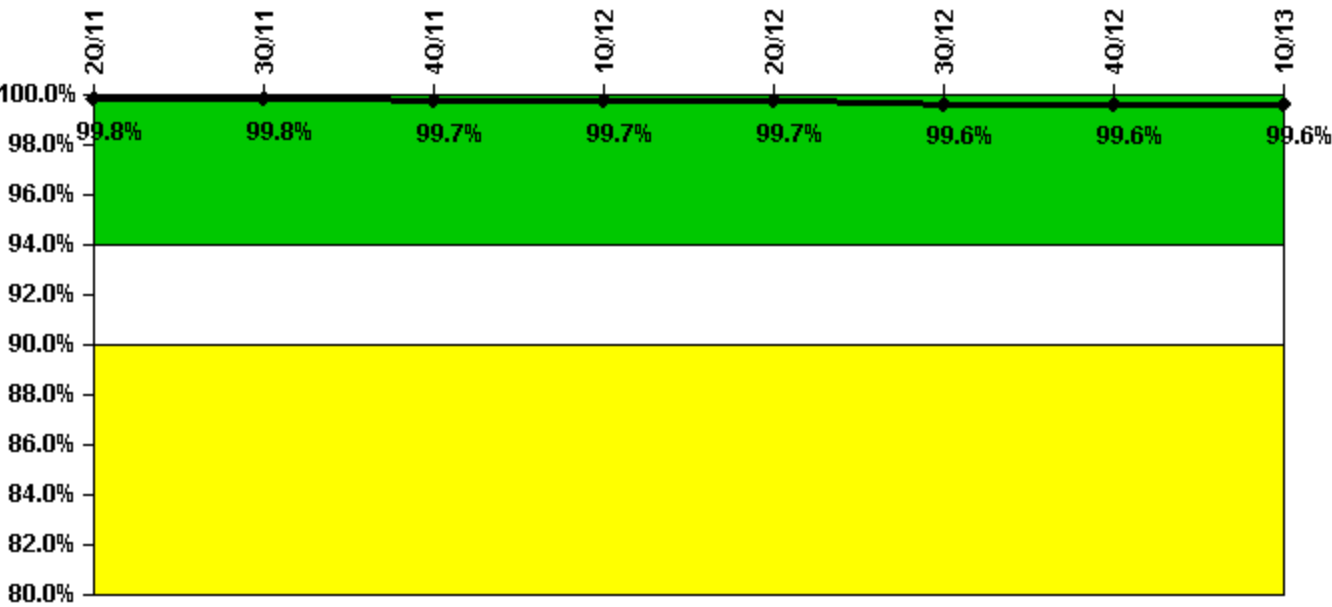
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Participating Key personnel	121.0	117.0	113.0	104.0	106.0	98.0	103.0	97.0
Total Key personnel	125.0	117.0	113.0	104.0	107.0	99.0	103.0	97.0
Indicator value	96.8%	100.0%	100.0%	100.0%	99.1%	99.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



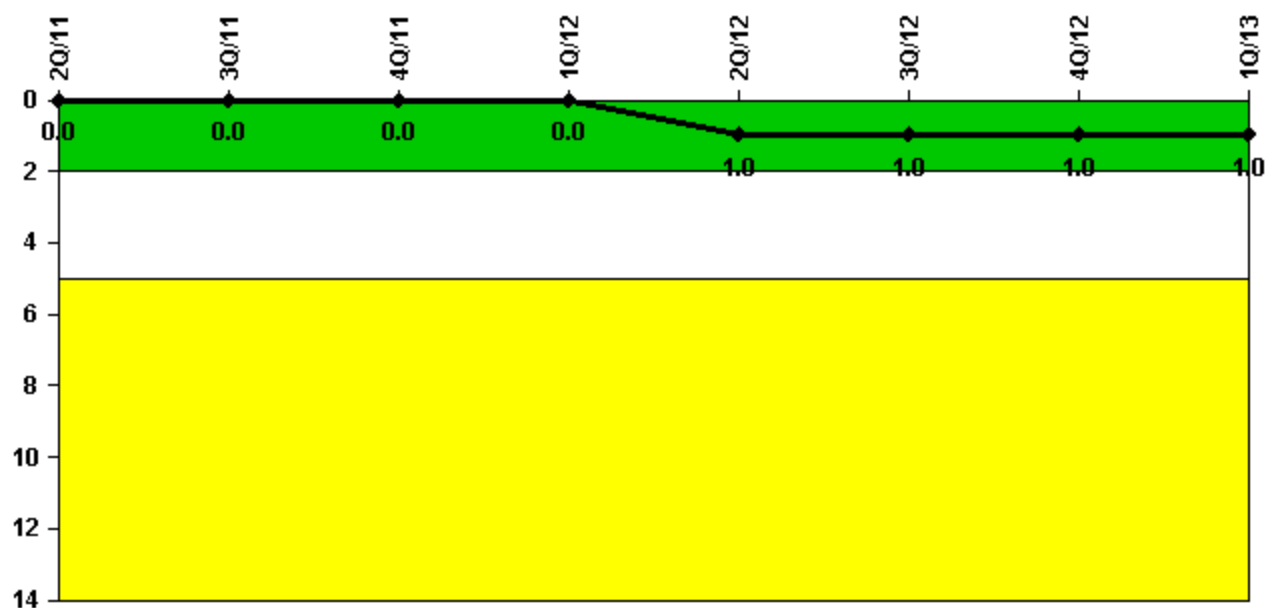
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Successful siren-tests	328	375	328	375	328	374	328	375
Total sirens-tests	329	376	329	376	329	376	329	376
Indicator value	99.8%	99.8%	99.7%	99.7%	99.7%	99.6%	99.6%	99.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness



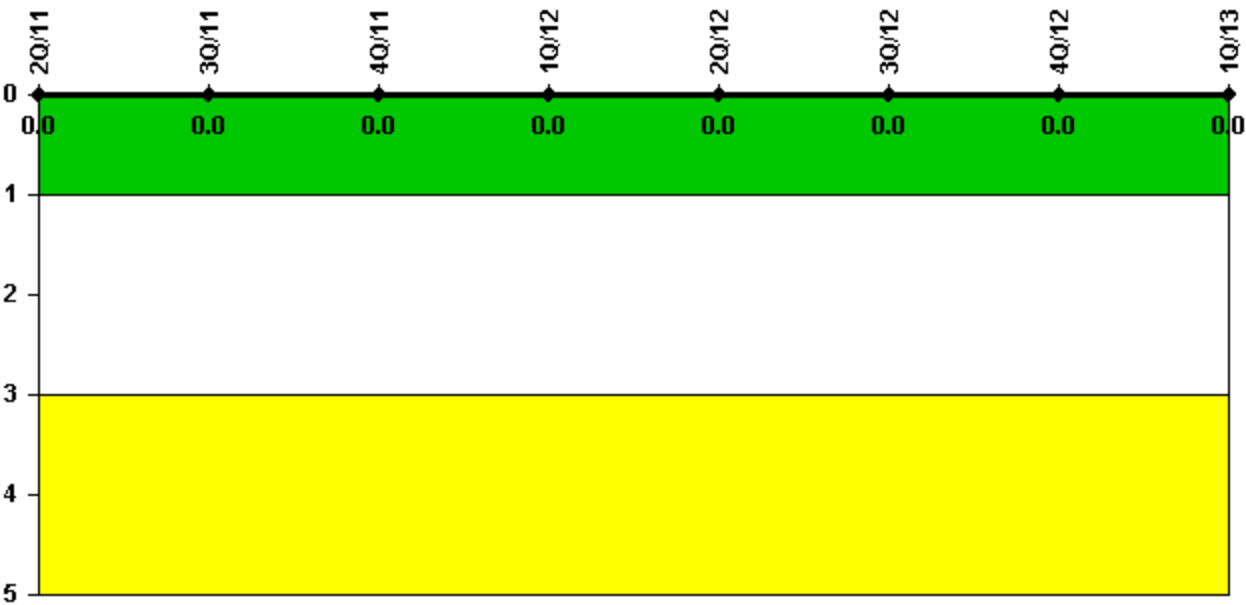
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
High radiation area occurrences	0	0	0	0	1	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	1	1	1	1

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	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

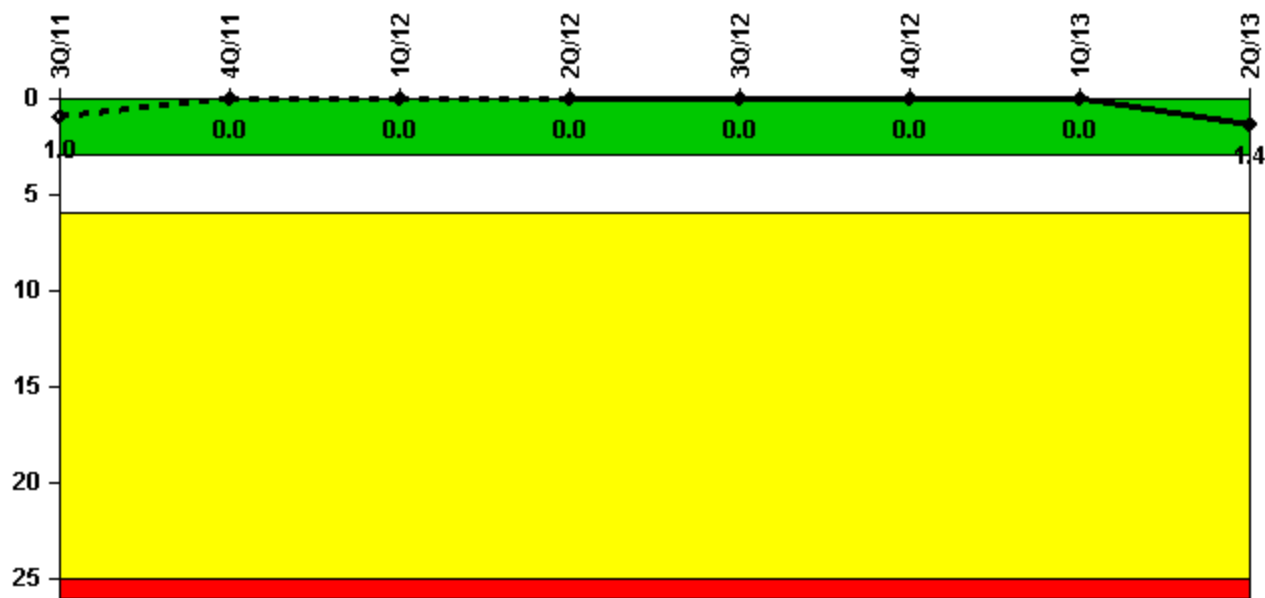
Turkey Point 4

2Q/2013 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



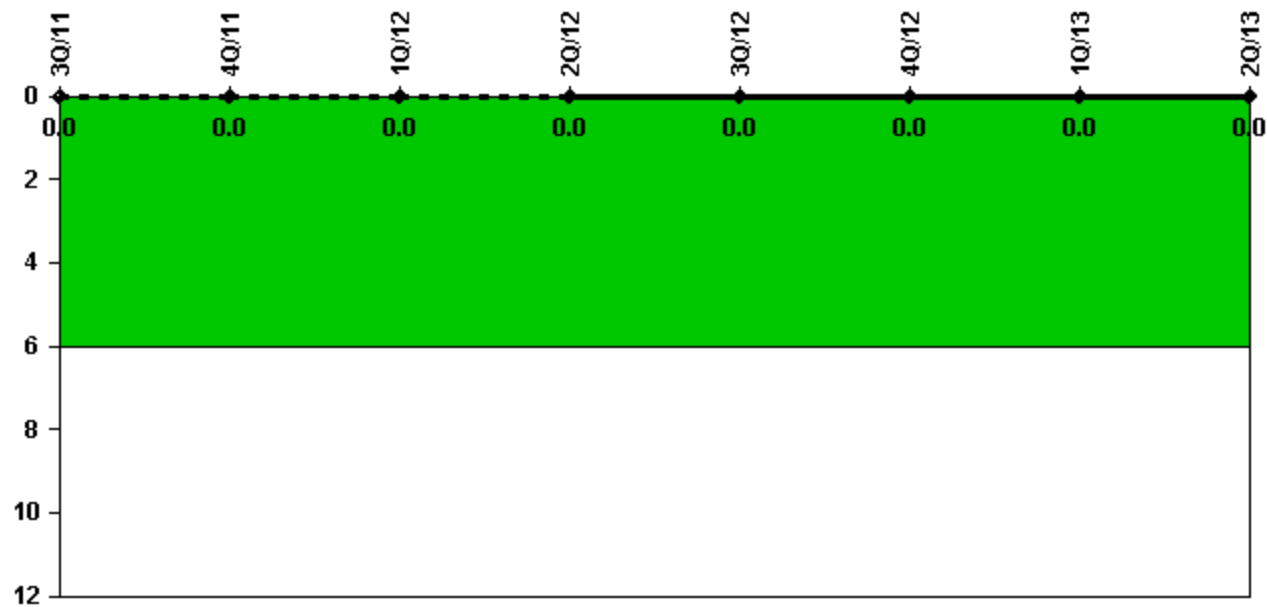
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	2018.9	2183.0	2184.0	2208.0	841.0	0	2019.1
Indicator value	1.0	0	0	0	0	0	0	1.4

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



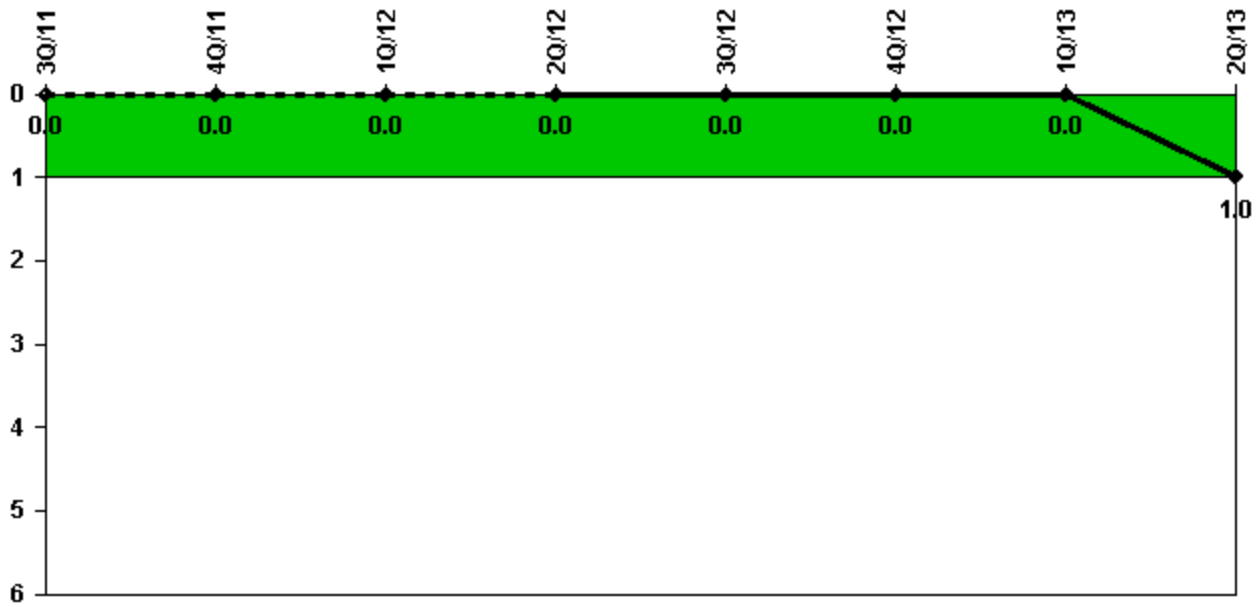
Thresholds: White > 6.0

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	0	0	0
Critical hours	2208.0	2018.9	2183.0	2184.0	2208.0	841.0	0	2019.1
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



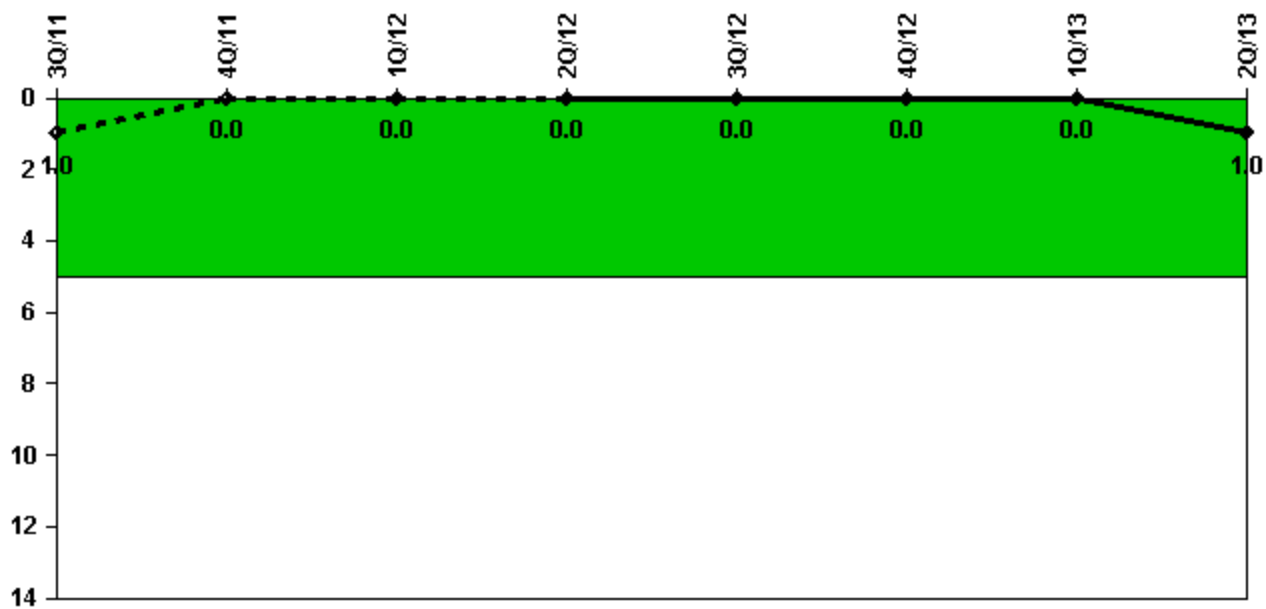
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/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	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)



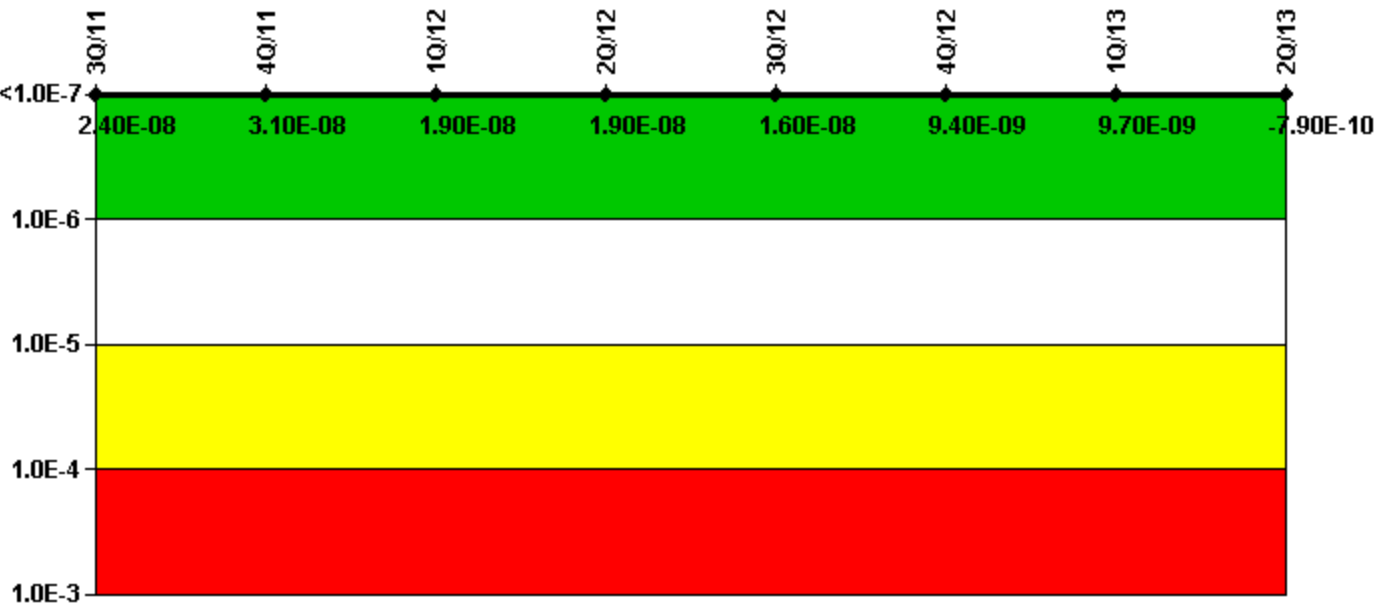
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



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

Notes

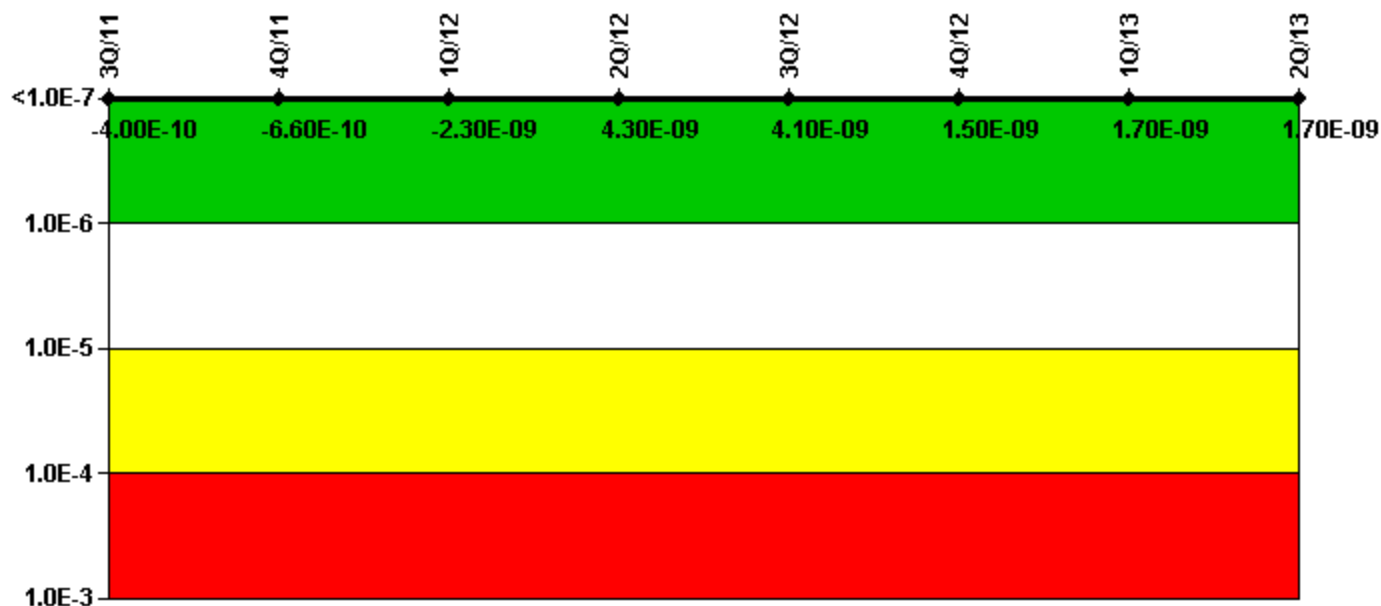
Mitigating Systems Performance Index, Emergency AC Power System	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
UAI (ΔCDF)	9.31E-09	1.06E-08	1.20E-08	1.21E-08	1.18E-08	4.73E-09	5.35E-09	2.69E-09
URI (ΔCDF)	1.51E-08	2.03E-08	6.94E-09	6.86E-09	4.68E-09	4.71E-09	4.34E-09	-3.47E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.40E-08	3.10E-08	1.90E-08	1.90E-08	1.60E-08	9.40E-09	9.70E-09	-7.90E-10

Licensee Comments:

4Q/12: Changed PRA Parameter(s).

1Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, High Pressure Injection System



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

Notes

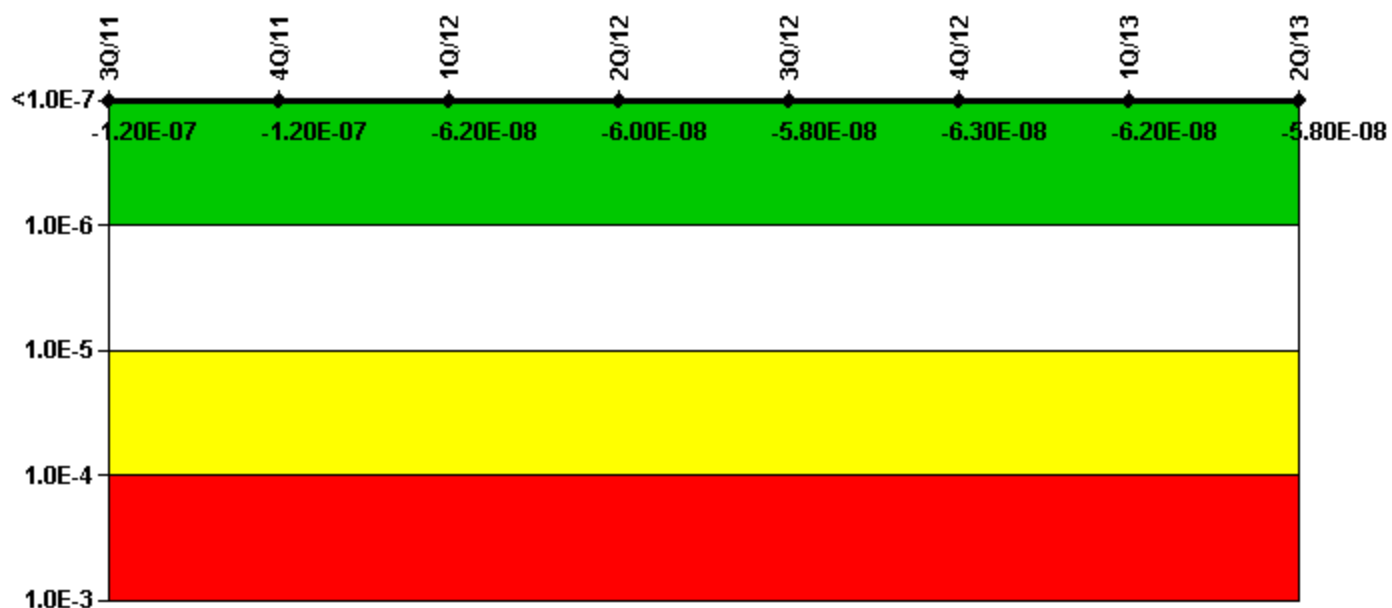
Mitigating Systems Performance Index, High Pressure Injection System	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
UAI (Δ CDF)	6.71E-10	4.10E-10	-4.94E-10	6.15E-09	5.99E-09	2.85E-09	3.12E-09	3.17E-09
URI (Δ CDF)	-1.07E-09	-1.07E-09	-1.82E-09	-1.88E-09	-1.93E-09	-1.36E-09	-1.41E-09	-1.45E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.00E-10	-6.60E-10	-2.30E-09	4.30E-09	4.10E-09	1.50E-09	1.70E-09	1.70E-09

Licensee Comments:

4Q/12: Changed PRA Parameter(s).

1Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



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

Notes

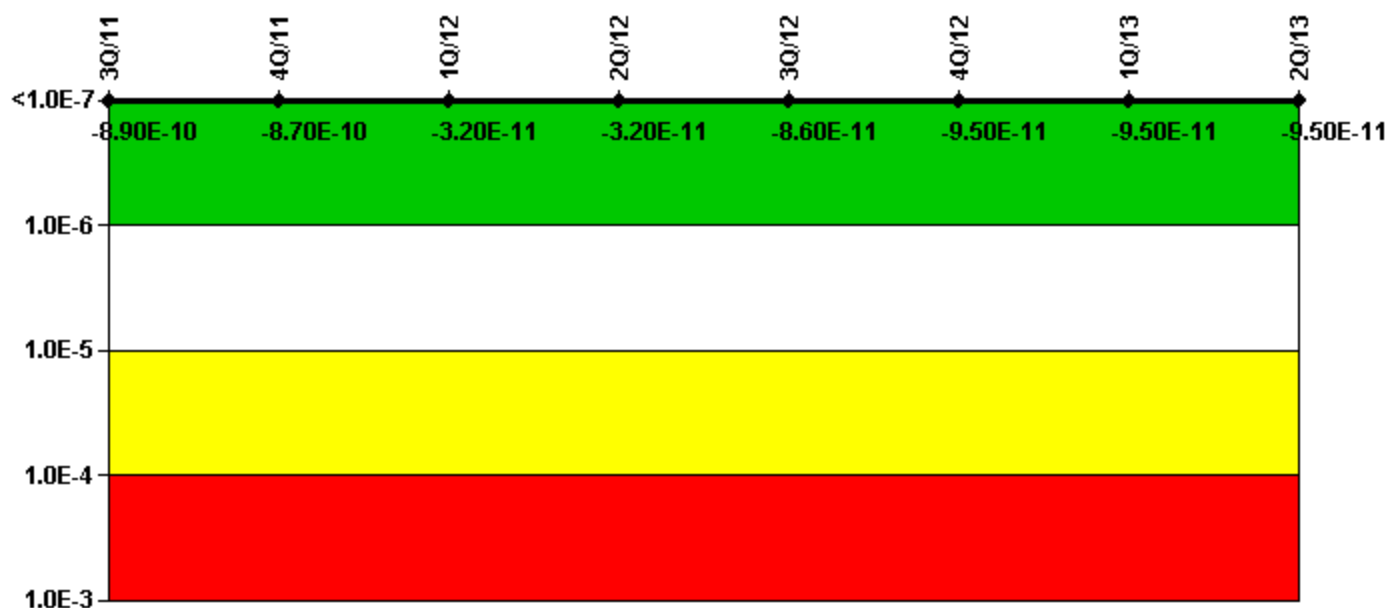
Mitigating Systems Performance Index, Heat Removal System	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
UAI (Δ CDF)	-1.17E-09	-1.06E-09	-7.18E-10	9.01E-10	2.74E-09	5.44E-09	6.62E-09	1.11E-08
URI (Δ CDF)	-1.15E-07	-1.15E-07	-6.11E-08	-6.11E-08	-6.11E-08	-6.83E-08	-6.88E-08	-6.89E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.20E-07	-1.20E-07	-6.20E-08	-6.00E-08	-5.80E-08	-6.30E-08	-6.20E-08	-5.80E-08

Licensee Comments:

4Q/12: Changed PRA Parameter(s).

1Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System



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

Notes

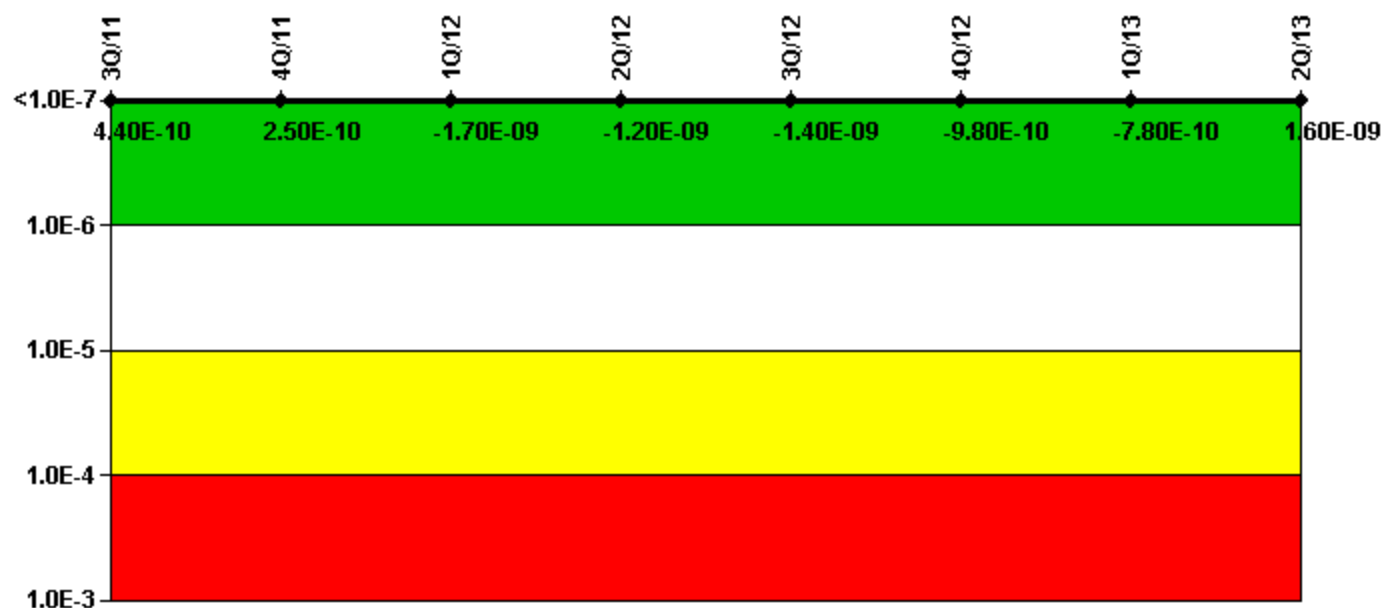
Mitigating Systems Performance Index, Residual Heat Removal System	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
UAI (Δ CDF)	8.69E-10	8.96E-10	3.77E-11	3.76E-11	-1.55E-11	-2.06E-11	-2.06E-11	-2.06E-11
URI (Δ CDF)	-1.76E-09	-1.76E-09	-7.01E-11	-7.01E-11	-7.01E-11	-7.47E-11	-7.47E-11	-7.47E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-8.90E-10	-8.70E-10	-3.20E-11	-3.20E-11	-8.60E-11	-9.50E-11	-9.50E-11	-9.50E-11

Licensee Comments:

4Q/12: Changed PRA Parameter(s).

1Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



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

Notes

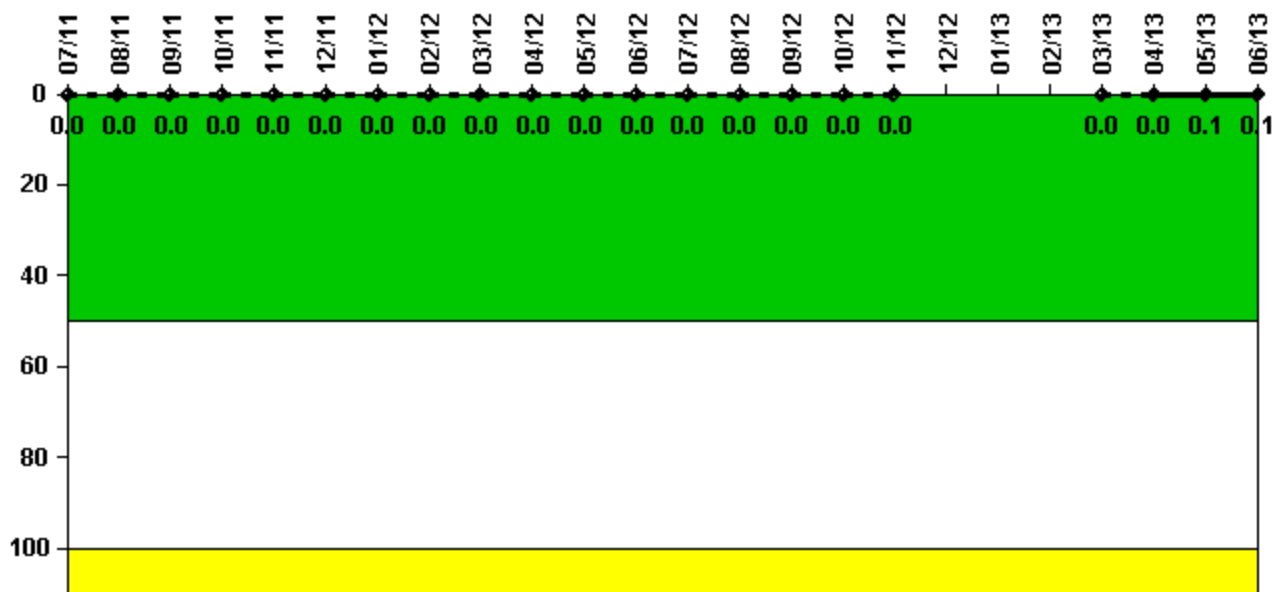
Mitigating Systems Performance Index, Cooling Water Systems	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
UAI (ΔCDF)	6.66E-10	4.73E-10	1.91E-09	2.43E-09	2.21E-09	3.54E-09	3.73E-09	6.16E-09
URI (ΔCDF)	-2.24E-10	-2.24E-10	-3.58E-09	-3.58E-09	-3.58E-09	-4.52E-09	-4.52E-09	-4.52E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.40E-10	2.50E-10	-1.70E-09	-1.20E-09	-1.40E-09	-9.80E-10	-7.80E-10	1.60E-09

Licensee Comments:

4Q/12: Changed PRA Parameter(s).

1Q/12: Changed PRA Parameter(s).

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12	4/12	5/12	6/12
Maximum activity	0.000360	0.000330	0.000260	0.000280	0.000290	0.000290	0.000320	0.000350	0.000320	0.000340	0.000350	0.000390
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	7/12	8/12	9/12	10/12	11/12	12/12	1/13	2/13	3/13	4/13	5/13	6/13
Maximum activity	0.000380	0.000360	0.000370	0.000400	0.000370	N/A	N/A	N/A	0.000006	0.000030	0.000180	0.000200
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.3	0.3	0.3	0.3	0.3
Indicator value	0	0	0	0	0	N/A	N/A	N/A	0	0	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



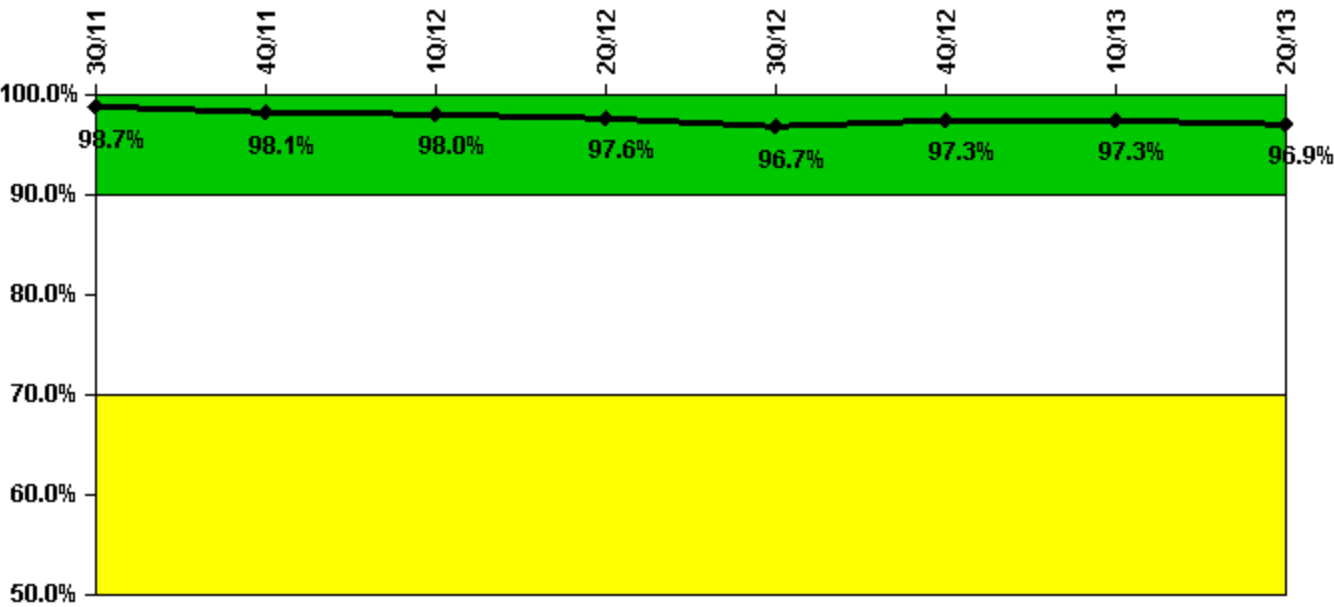
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12	4/12	5/12	6/12
Maximum leakage	0.050	0.060	0.040	0.045	2.500	0.040	0.040	0.040	0.040	0.040	0.120	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	0.6	0.4	0.5	25.0	0.4	0.4	0.4	0.4	0.4	1.2	0.4
Reactor Coolant System Leakage	7/12	8/12	9/12	10/12	11/12	12/12	1/13	2/13	3/13	4/13	5/13	6/13
Maximum leakage	0.040	0.040	0.040	0.040	0.040	N/A	N/A	N/A	0	0.490	0.040	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.4	0.4	0.4	0.4	N/A	N/A	N/A	0	4.9	0.4	0.4

Licensee Comments: none

Drill/Exercise Performance

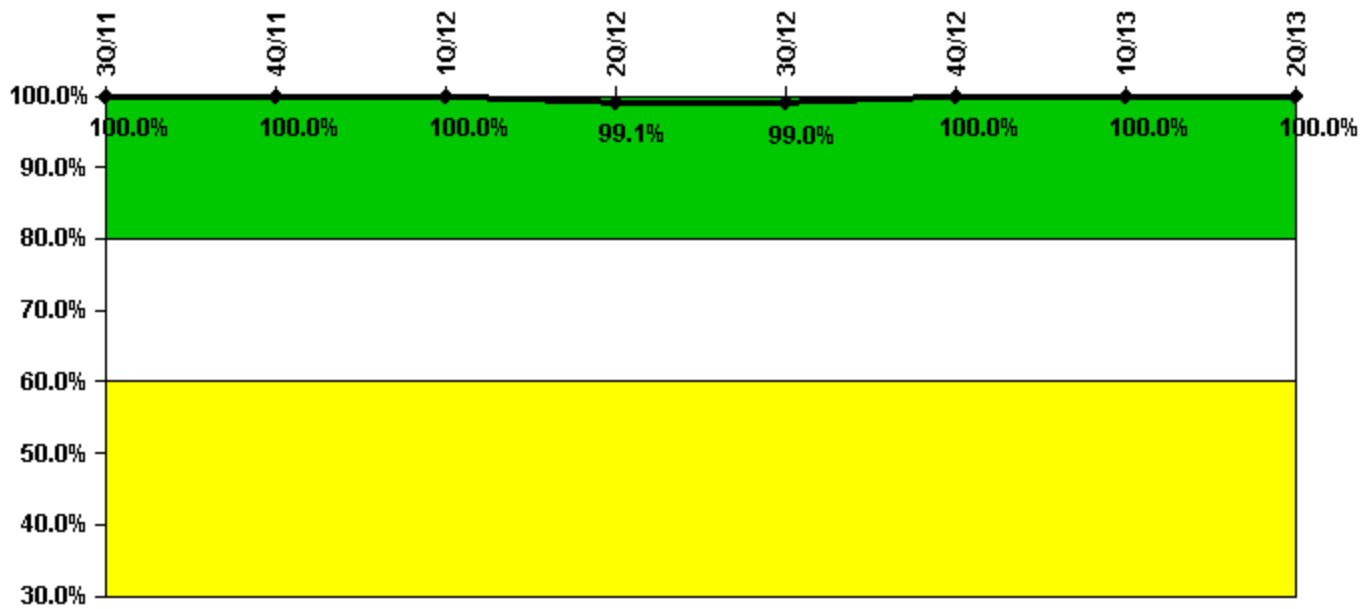


Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Successful opportunities	58.0	40.0	24.0	22.0	35.0	55.0	10.0	40.0
Total opportunities	59.0	42.0	24.0	23.0	38.0	55.0	10.0	42.0
Indicator value	98.7%	98.1%	98.0%	97.6%	96.7%	97.3%	97.3%	96.9%

Licensee Comments: none

ERO Drill Participation

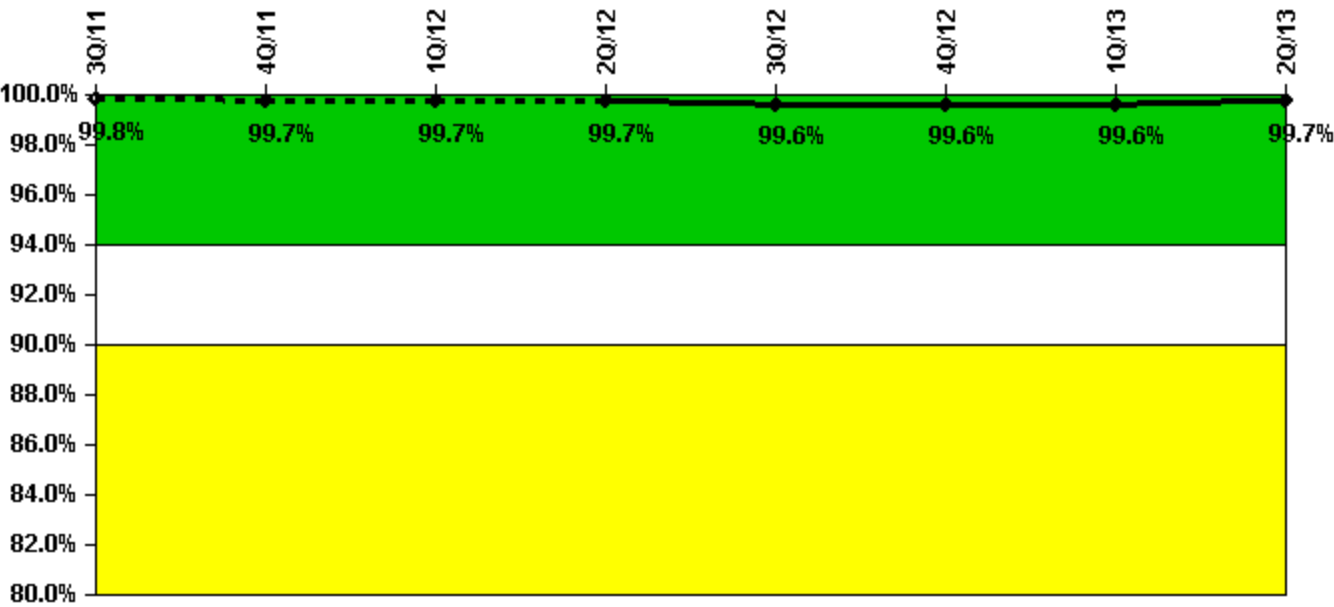
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Participating Key personnel	117.0	113.0	104.0	106.0	98.0	103.0	97.0	106.0
Total Key personnel	117.0	113.0	104.0	107.0	99.0	103.0	97.0	106.0
Indicator value	100.0%	100.0%	100.0%	99.1%	99.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



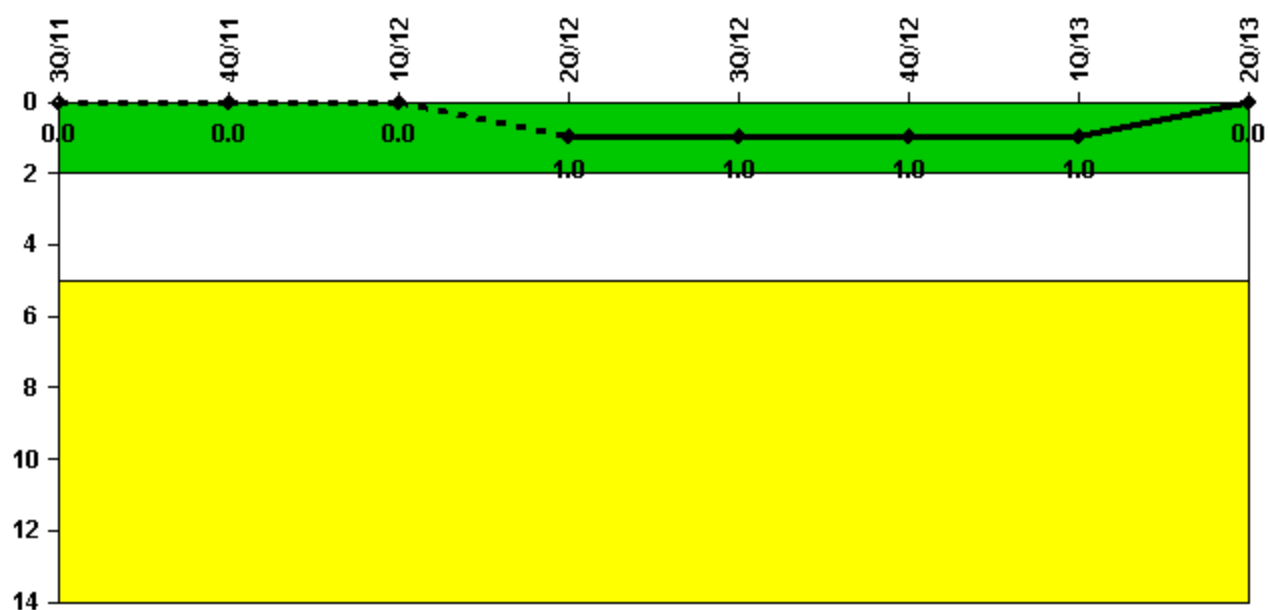
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Successful siren-tests	375	328	375	328	374	328	375	329
Total sirens-tests	376	329	376	329	376	329	376	329
Indicator value	99.8%	99.7%	99.7%	99.7%	99.6%	99.6%	99.6%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness

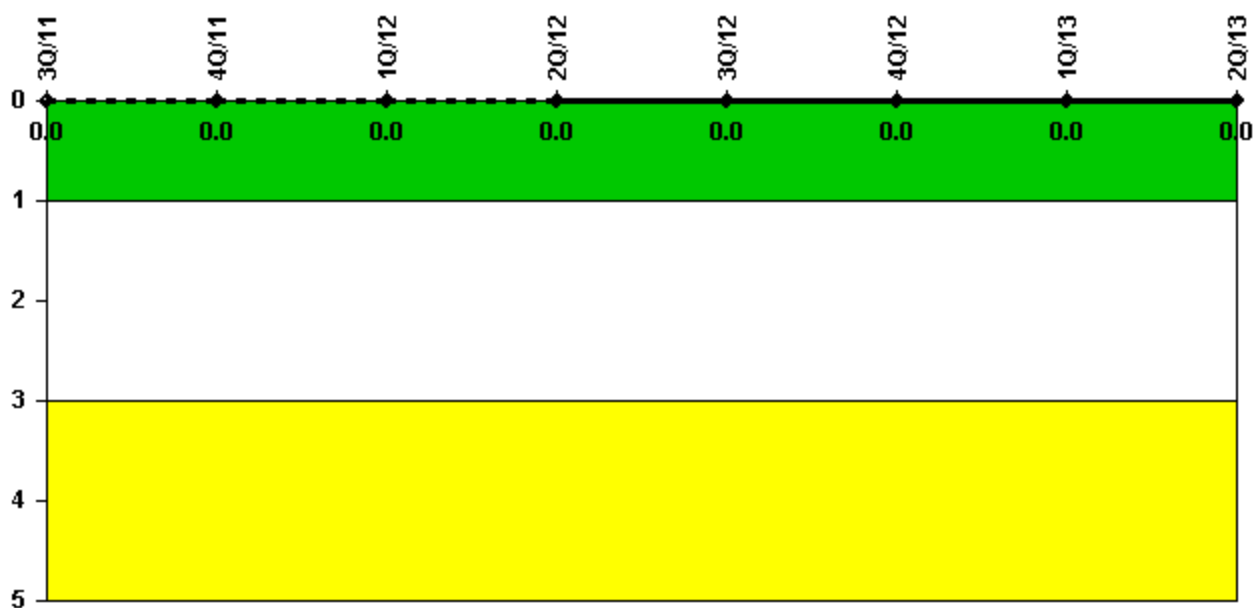


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
High radiation area occurrences	0	0	0	1	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	1	1	1	1	0

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	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

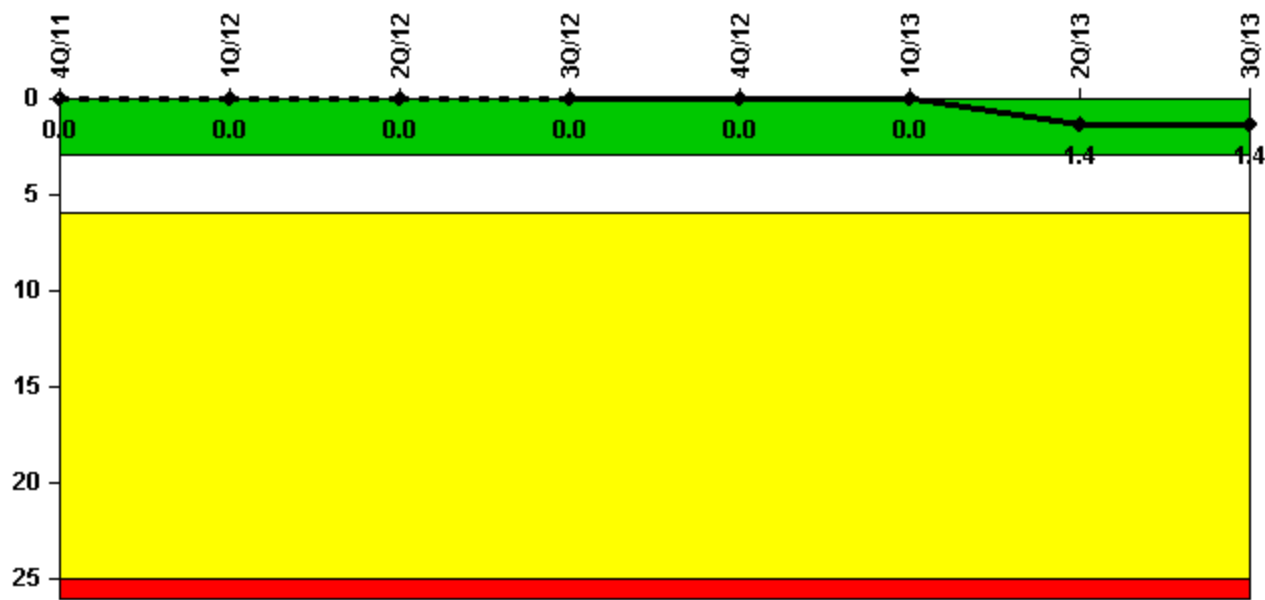
Turkey Point 4

3Q/2013 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



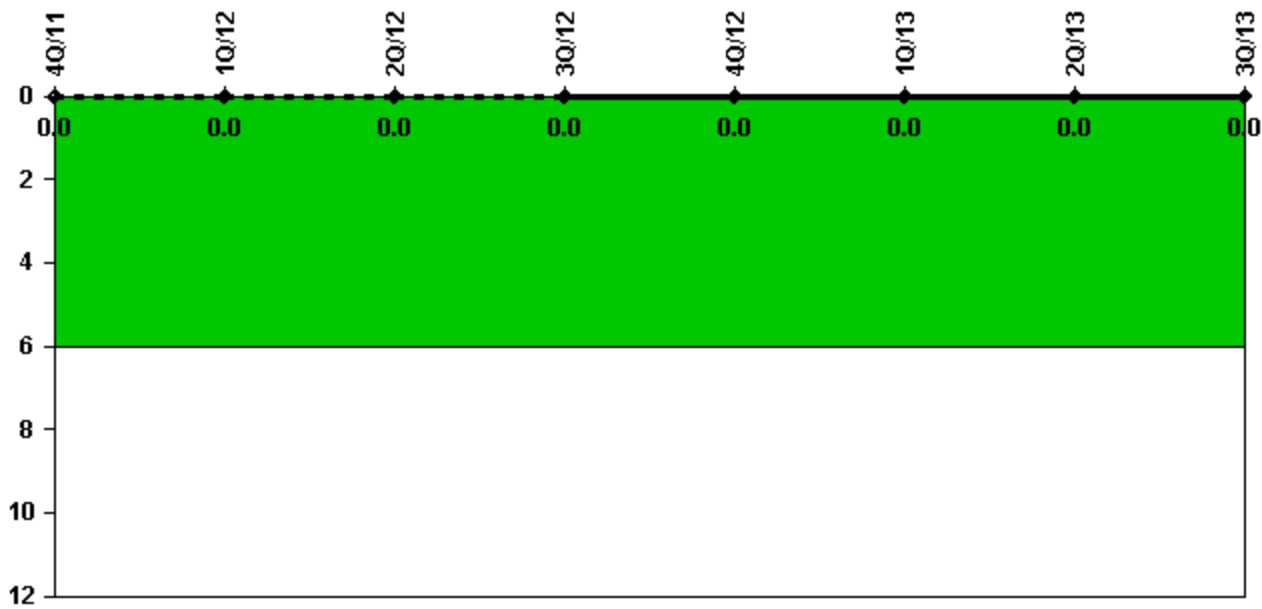
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	2018.9	2183.0	2184.0	2208.0	841.0	0	2019.1	2208.0
Indicator value	0	0	0	0	0	0	1.4	1.4

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



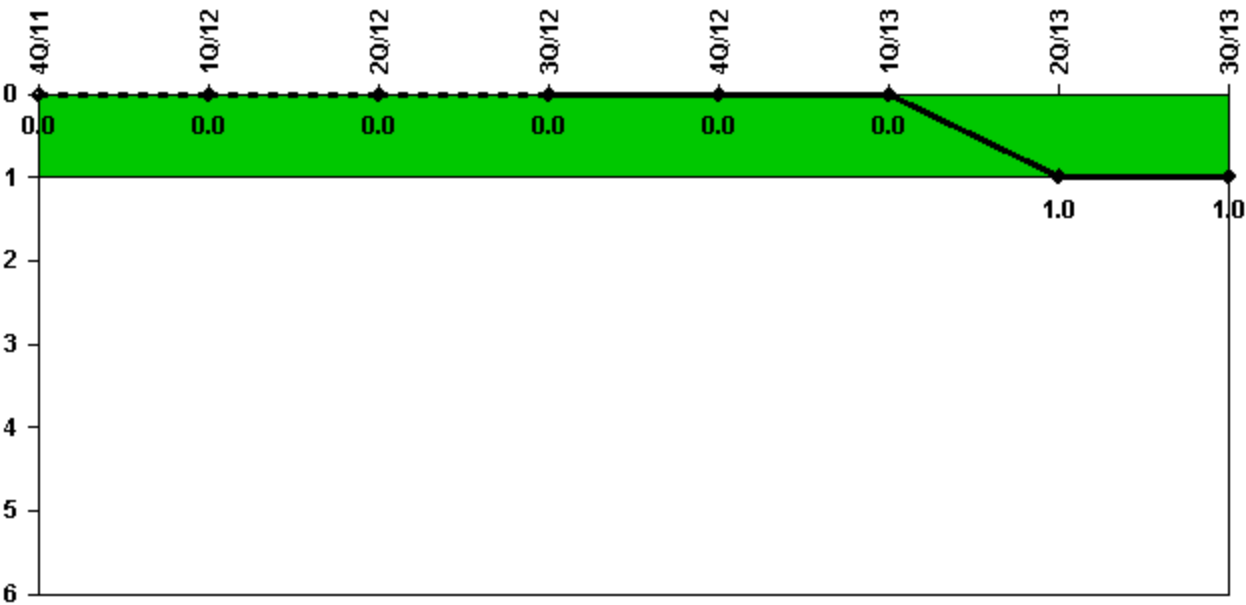
Thresholds: White > 6.0

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	0	0	0	0
Critical hours	2018.9	2183.0	2184.0	2208.0	841.0	0	2019.1	2208.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



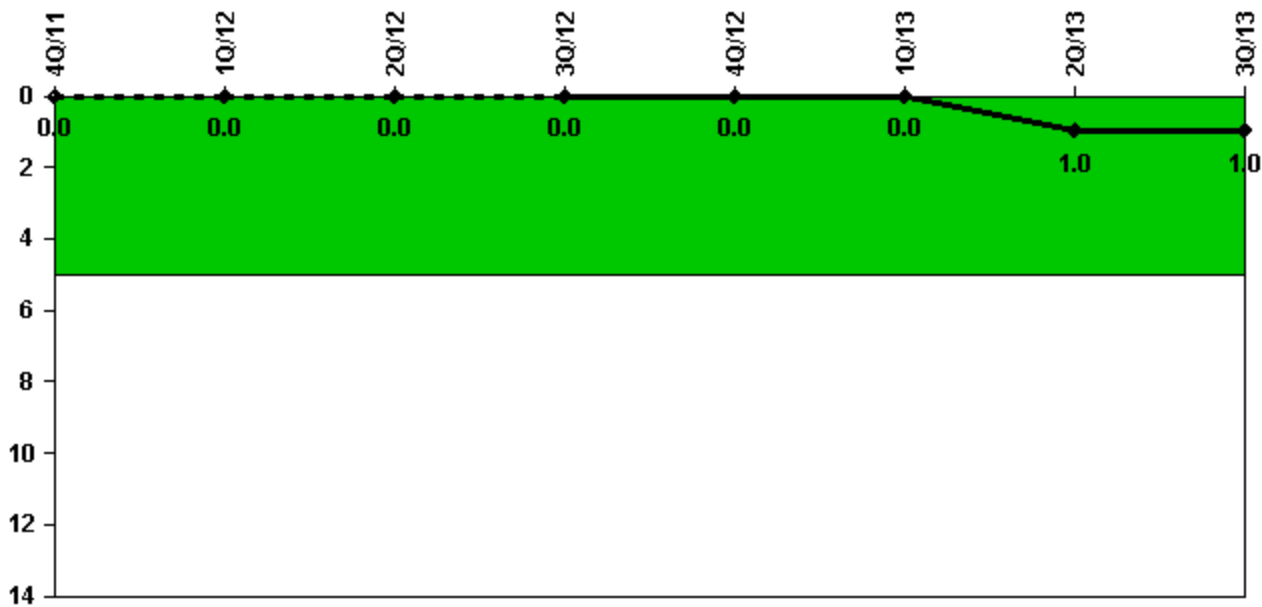
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Scrams with complications	0	0	0	0	0	0	1.0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0

Licensee Comments: none

Safety System Functional Failures (PWR)



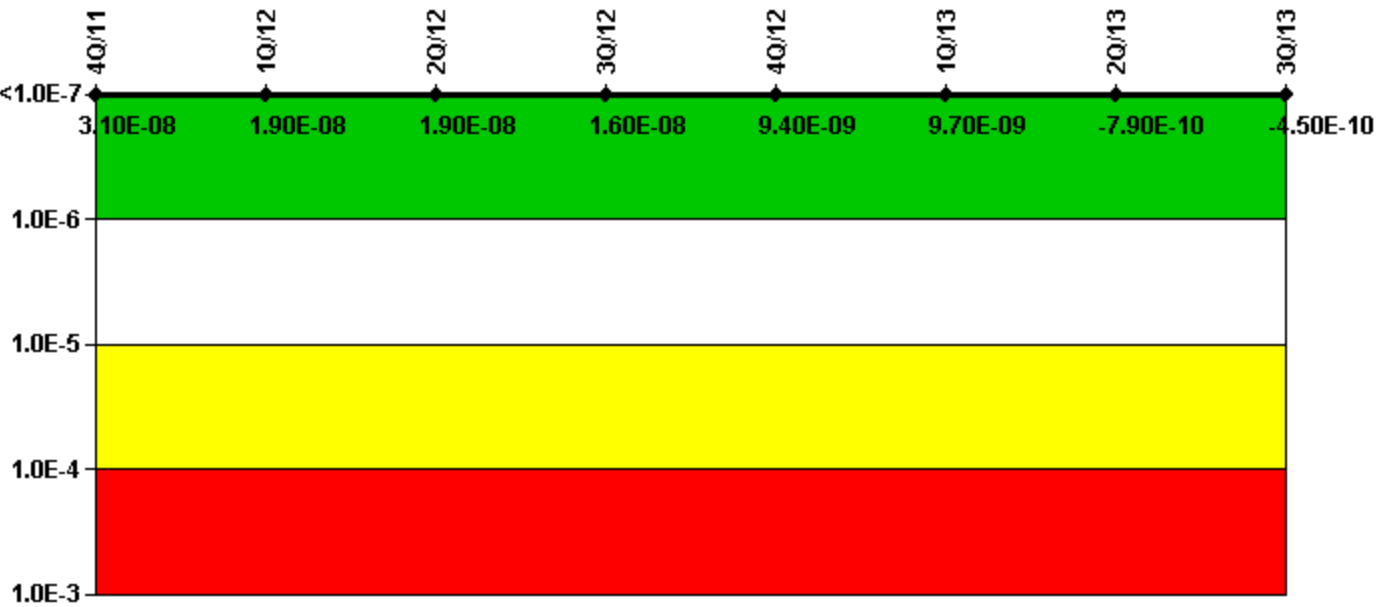
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	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	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

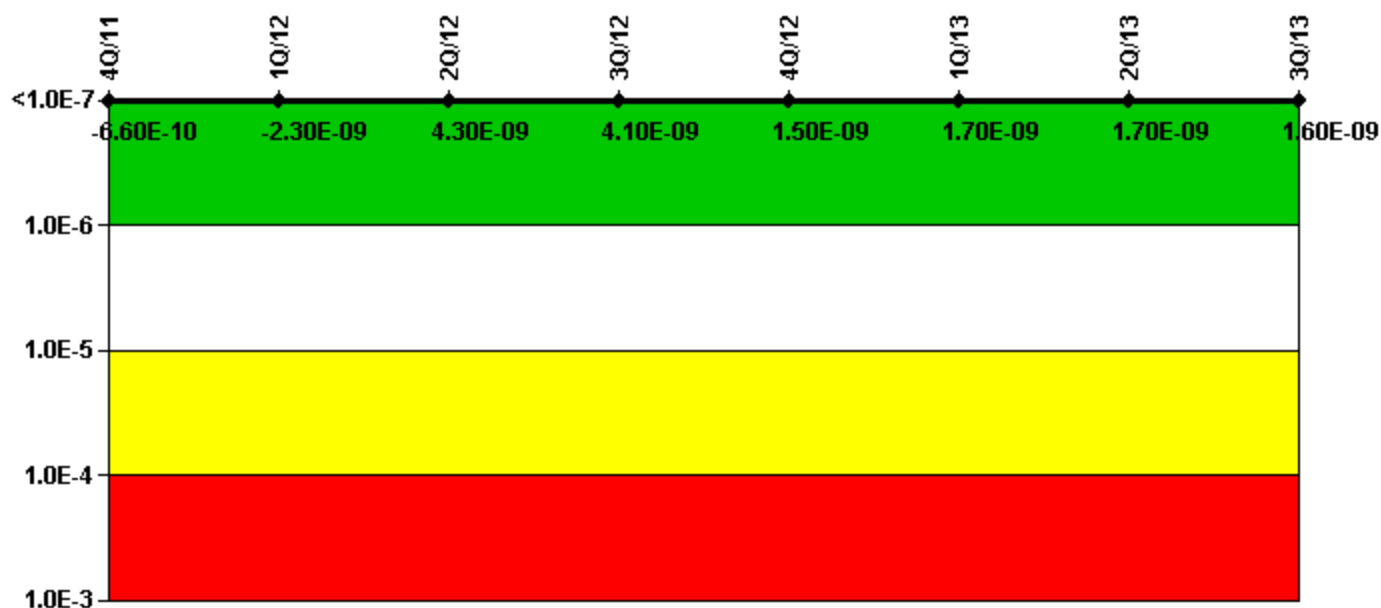
Mitigating Systems Performance Index, Emergency AC Power System	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
UAI (ΔCDF)	1.06E-08	1.20E-08	1.21E-08	1.18E-08	4.73E-09	5.35E-09	2.69E-09	3.18E-09
URI (ΔCDF)	2.03E-08	6.94E-09	6.86E-09	4.68E-09	4.71E-09	4.34E-09	-3.47E-09	-3.63E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.10E-08	1.90E-08	1.90E-08	1.60E-08	9.40E-09	9.70E-09	-7.90E-10	-4.50E-10

Licensee Comments:

4Q/12: Changed PRA Parameter(s).

1Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, High Pressure Injection System



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

Notes

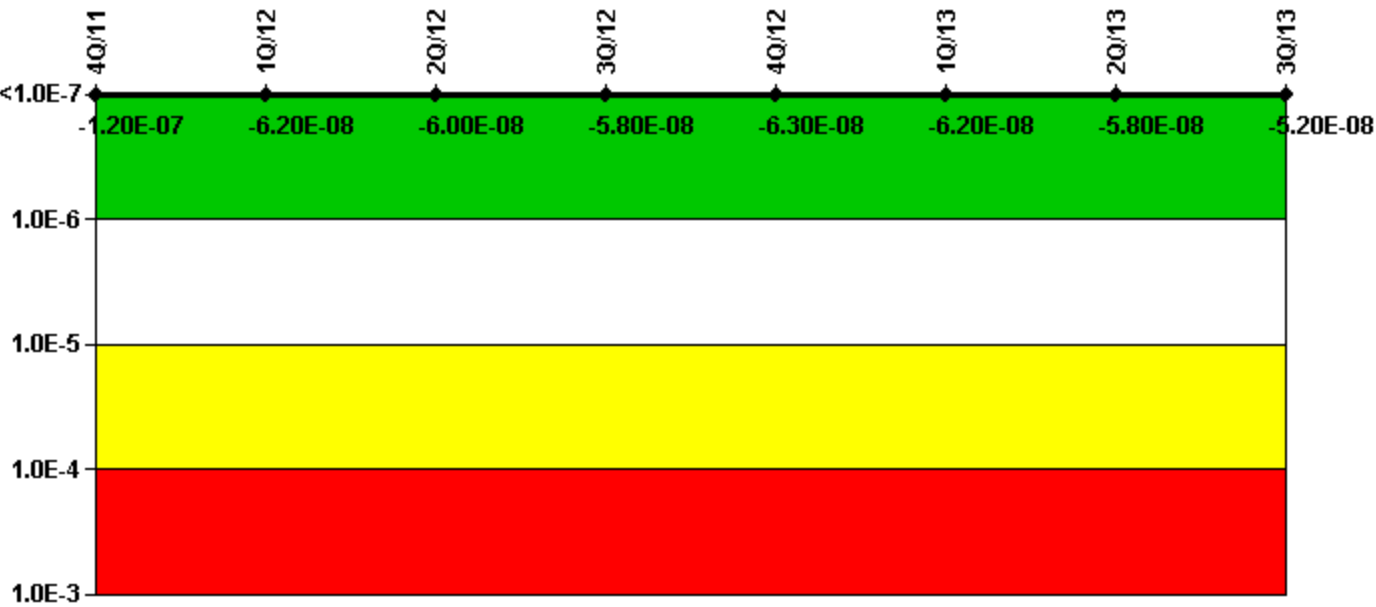
Mitigating Systems Performance Index, High Pressure Injection System	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
UAI (Δ CDF)	4.10E-10	-4.94E-10	6.15E-09	5.99E-09	2.85E-09	3.12E-09	3.17E-09	3.14E-09
URI (Δ CDF)	-1.07E-09	-1.82E-09	-1.88E-09	-1.93E-09	-1.36E-09	-1.41E-09	-1.45E-09	-1.50E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.60E-10	-2.30E-09	4.30E-09	4.10E-09	1.50E-09	1.70E-09	1.70E-09	1.60E-09

Licensee Comments:

4Q/12: Changed PRA Parameter(s).

1Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



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

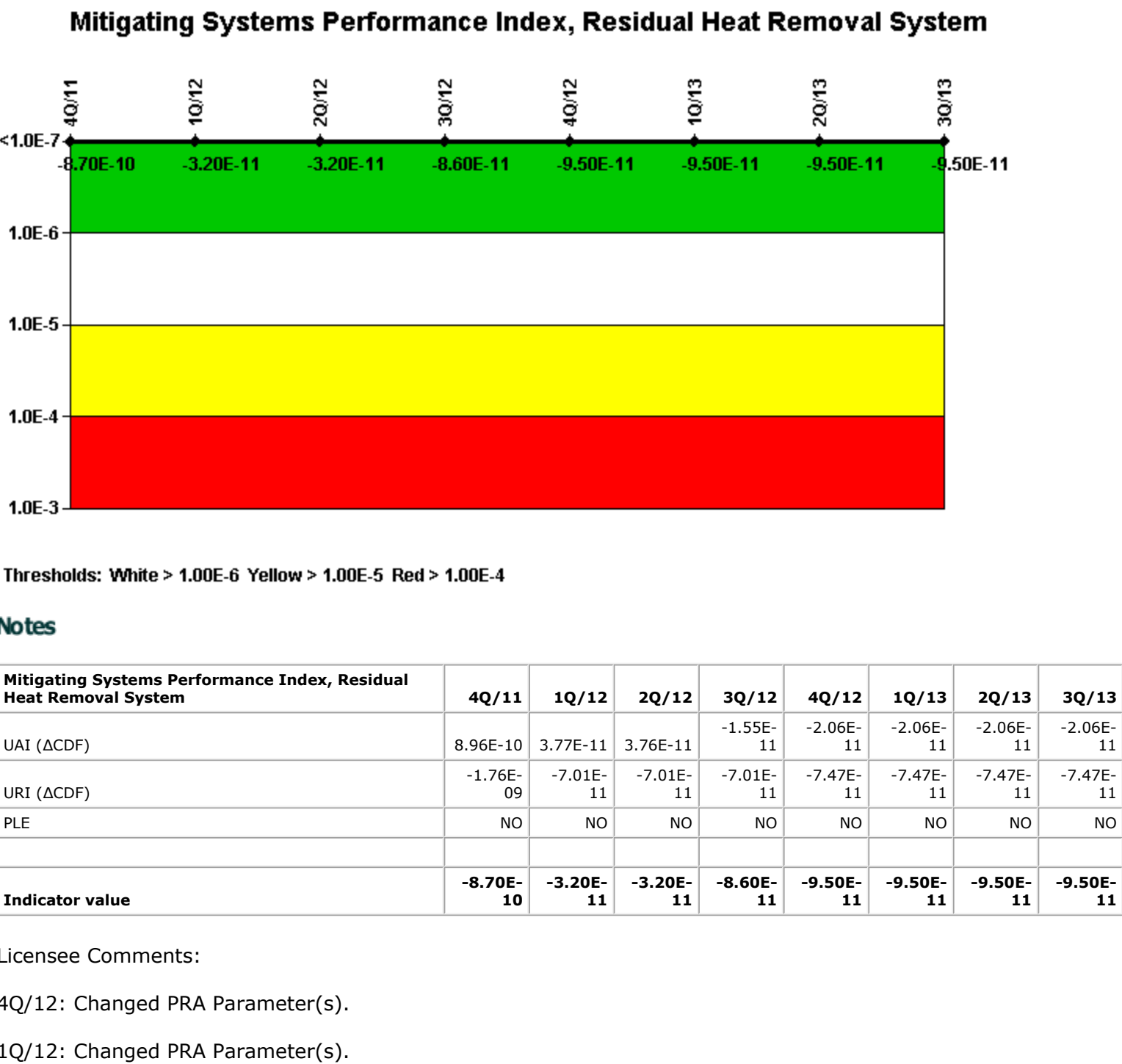
Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
UAI (ΔCDF)	-1.06E-09	-7.18E-10	9.01E-10	2.74E-09	5.44E-09	6.62E-09	1.11E-08	1.66E-08
URI (ΔCDF)	-1.15E-07	-6.11E-08	-6.11E-08	-6.11E-08	-6.83E-08	-6.88E-08	-6.89E-08	-6.89E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.20E-07	-6.20E-08	-6.00E-08	-5.80E-08	-6.30E-08	-6.20E-08	-5.80E-08	-5.20E-08

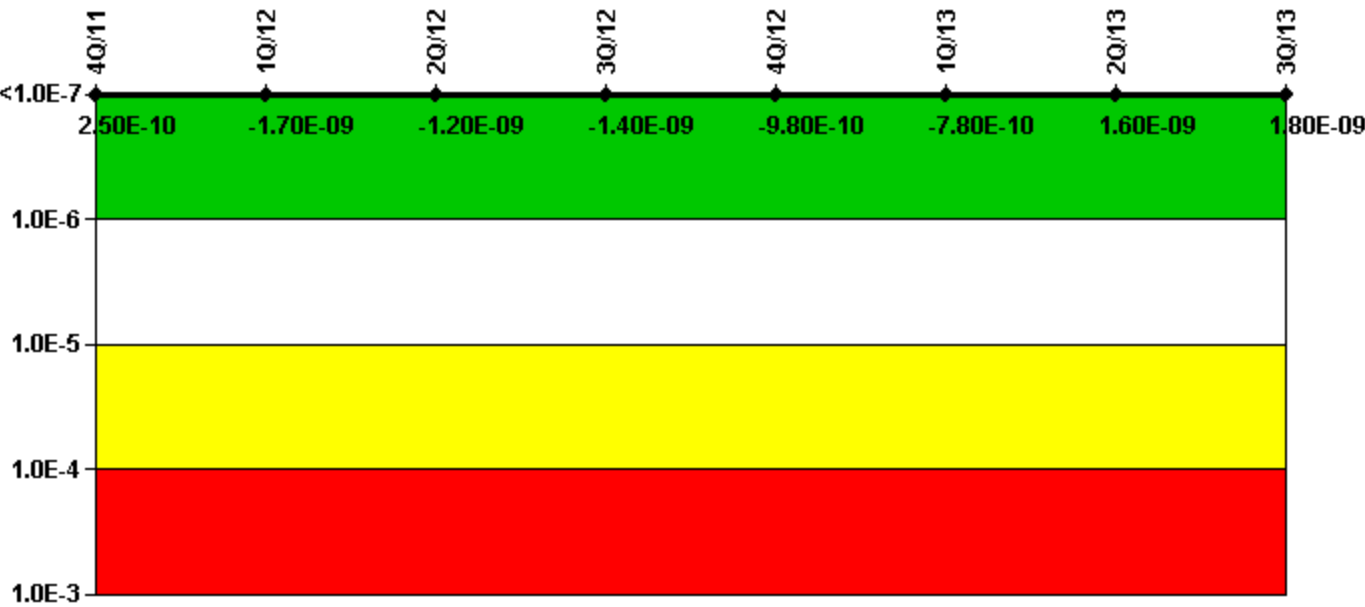
Licensee Comments:

4Q/12: Changed PRA Parameter(s).

1Q/12: Changed PRA Parameter(s).



Mitigating Systems Performance Index, Cooling Water Systems



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

Notes

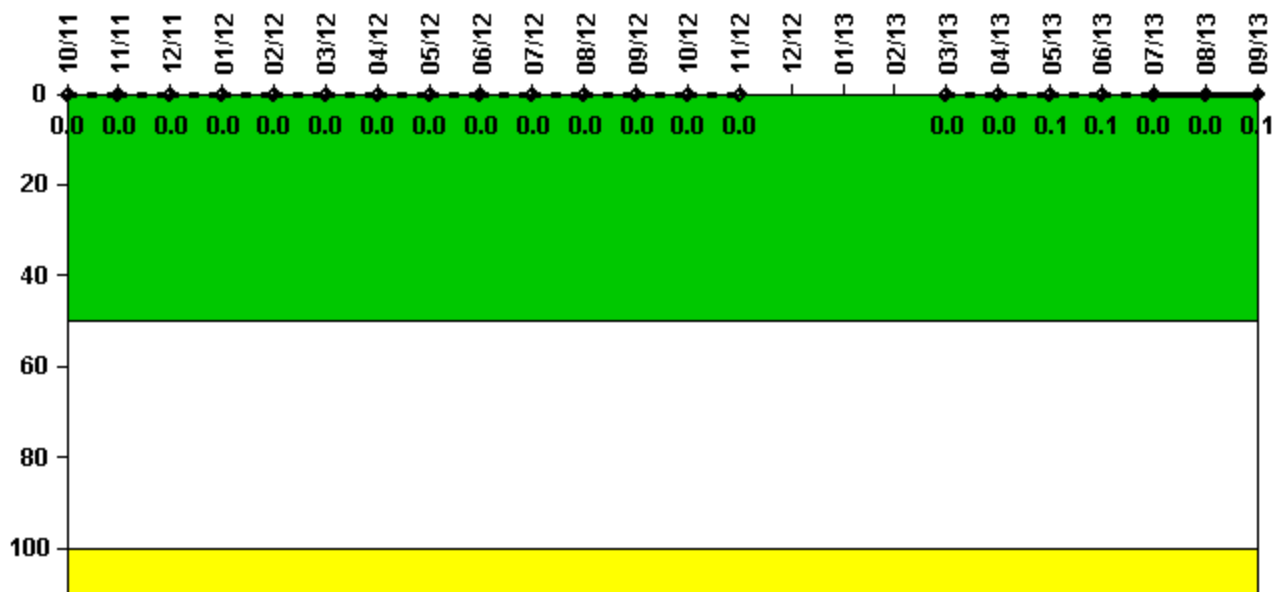
Mitigating Systems Performance Index, Cooling Water Systems	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
UAI (ΔCDF)	4.73E-10	1.91E-09	2.43E-09	2.21E-09	3.54E-09	3.73E-09	6.16E-09	6.35E-09
URI (ΔCDF)	-2.24E-10	-3.58E-09	-3.58E-09	-3.58E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.50E-10	-1.70E-09	-1.20E-09	-1.40E-09	-9.80E-10	-7.80E-10	1.60E-09	1.80E-09

Licensee Comments:

4Q/12: Changed PRA Parameter(s).

1Q/12: Changed PRA Parameter(s).

Reactor Coolant System Activity



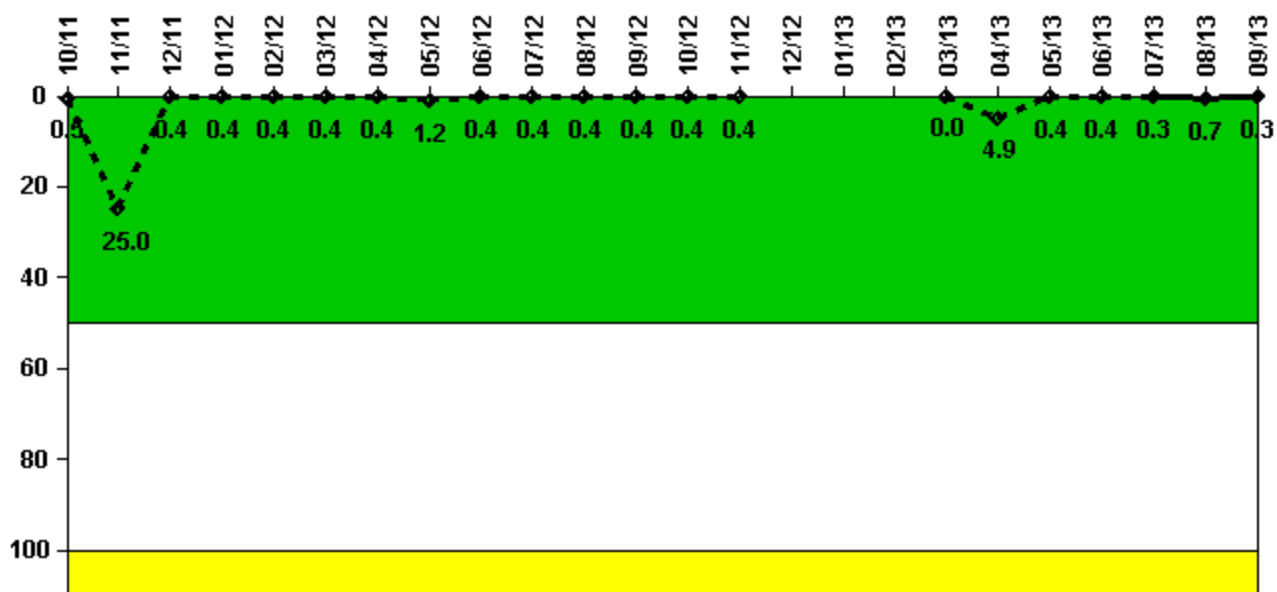
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/11	11/11	12/11	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12
Maximum activity	0.000280	0.000290	0.000290	0.000320	0.000350	0.000320	0.000340	0.000350	0.000390	0.000380	0.000360	0.000370
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	10/12	11/12	12/12	1/13	2/13	3/13	4/13	5/13	6/13	7/13	8/13	9/13
Maximum activity	0.000400	0.000370	N/A	N/A	N/A	0.000006	0.000030	0.000180	0.000200	0.000100	0.000100	0.000240
Technical specification limit	1.0	1.0	1.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Indicator value	0	0	N/A	N/A	N/A	0	0	0.1	0.1	0	0	0.1

Licensee Comments: none

Reactor Coolant System Leakage



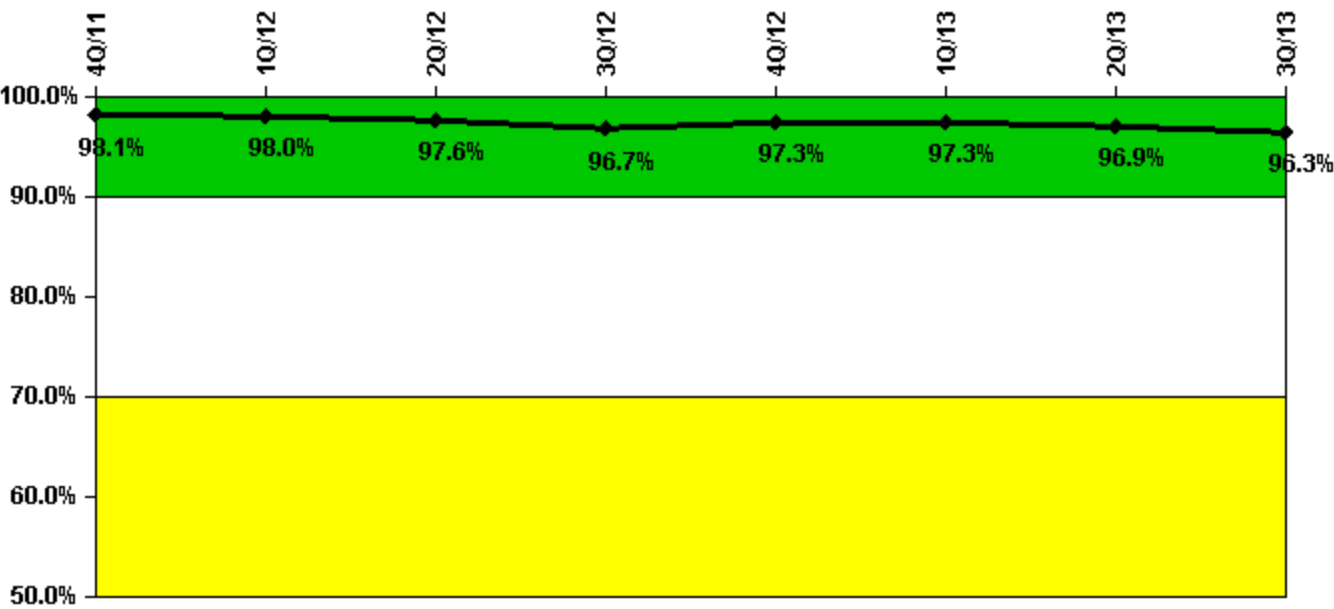
Thresholds: White > 50.0 Yellow > 100.0

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	0.045	2.500	0.040	0.040	0.040	0.040	0.040	0.120	0.040	0.040	0.040	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	25.0	0.4	0.4	0.4	0.4	0.4	1.2	0.4	0.4	0.4	0.4
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	0.040	0.040	N/A	N/A	N/A	0	0.490	0.040	0.040	0.030	0.070	0.030
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.4	N/A	N/A	N/A	0	4.9	0.4	0.4	0.3	0.7	0.3

Licensee Comments: none

Drill/Exercise Performance



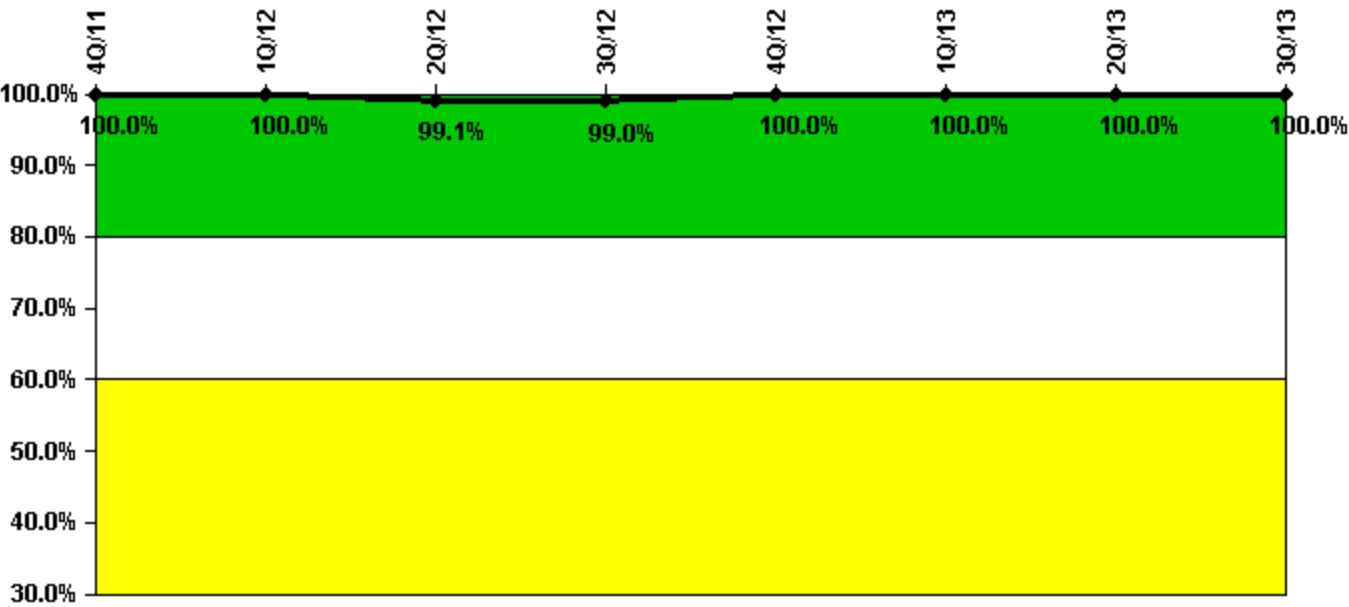
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Successful opportunities	40.0	24.0	22.0	35.0	55.0	10.0	38.0	33.0
Total opportunities	42.0	24.0	23.0	38.0	55.0	10.0	40.0	35.0
Indicator value	98.1%	98.0%	97.6%	96.7%	97.3%	97.3%	96.9%	96.3%

Licensee Comments: none

ERO Drill Participation



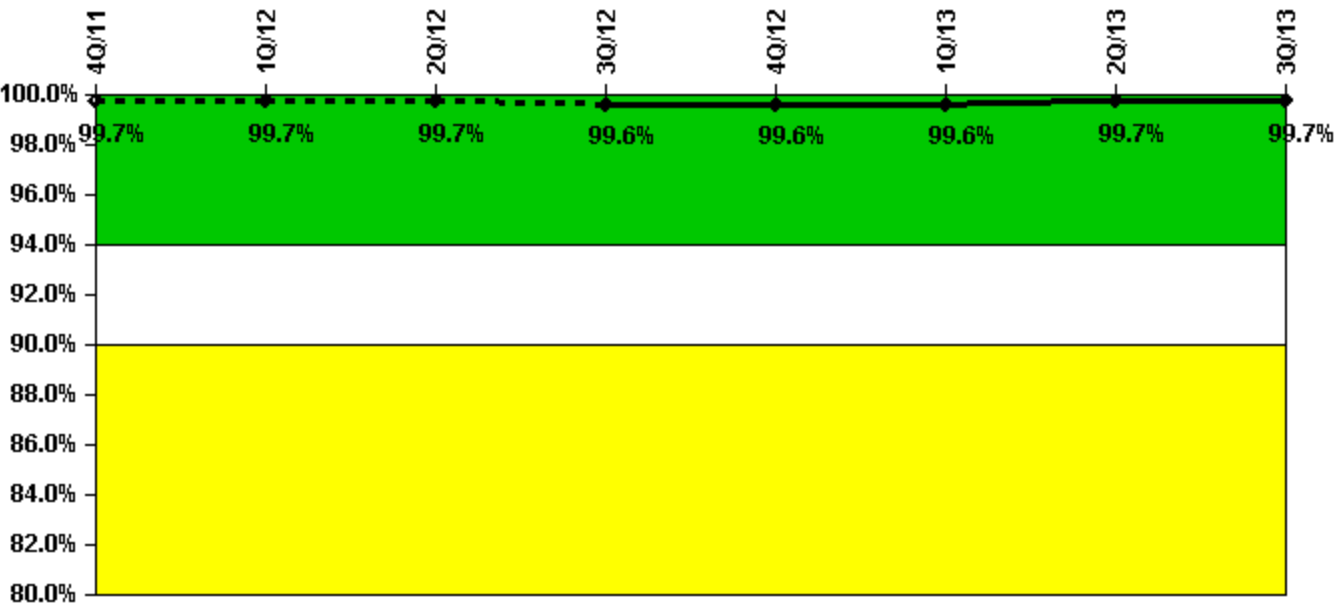
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Participating Key personnel	113.0	104.0	106.0	98.0	103.0	97.0	106.0	106.0
Total Key personnel	113.0	104.0	107.0	99.0	103.0	97.0	106.0	106.0
Indicator value	100.0%	100.0%	99.1%	99.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



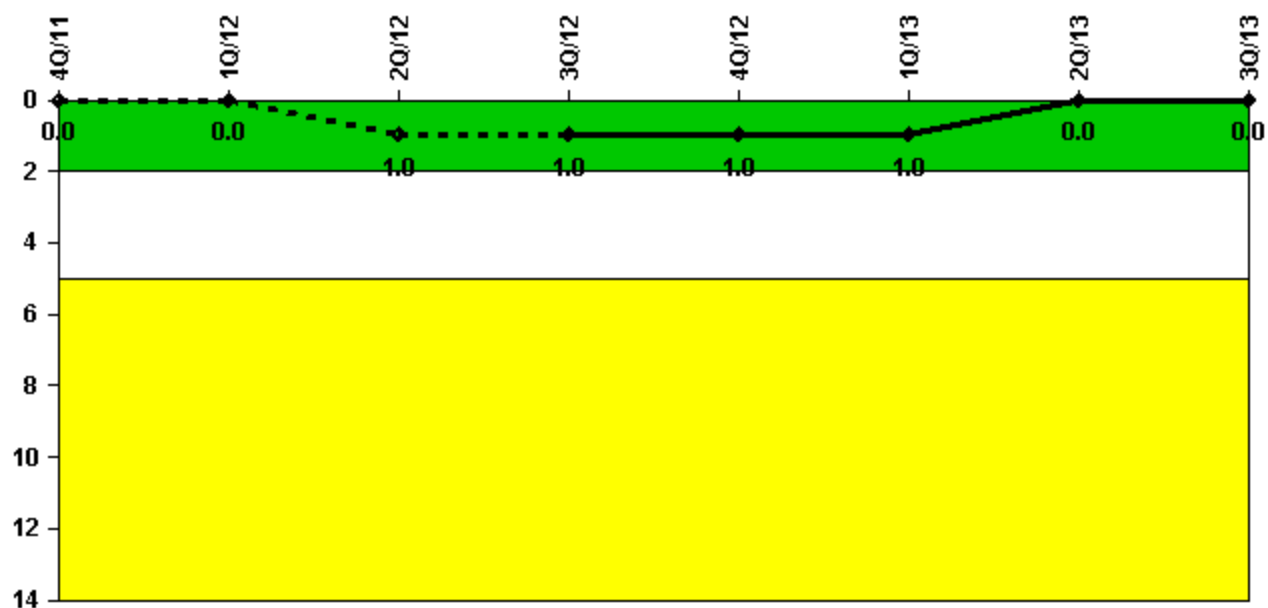
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Successful siren-tests	328	375	328	374	328	375	329	327
Total sirens-tests	329	376	329	376	329	376	329	329
Indicator value	99.7%	99.7%	99.7%	99.6%	99.6%	99.6%	99.7%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



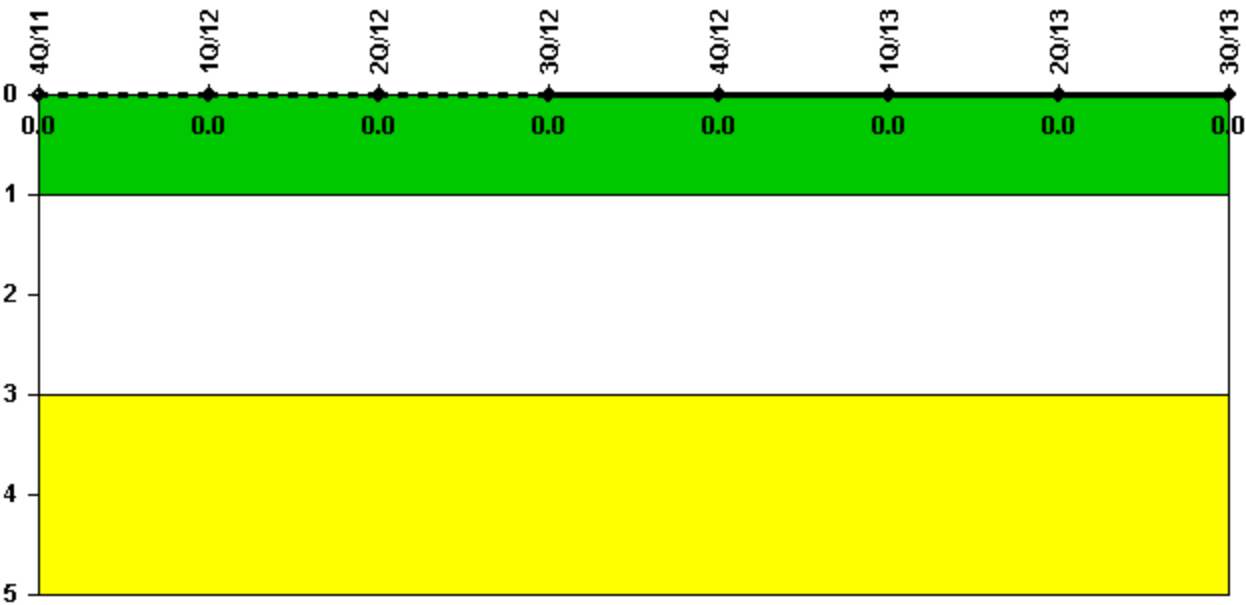
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
High radiation area occurrences	0	0	1	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	1	1	1	1	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	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

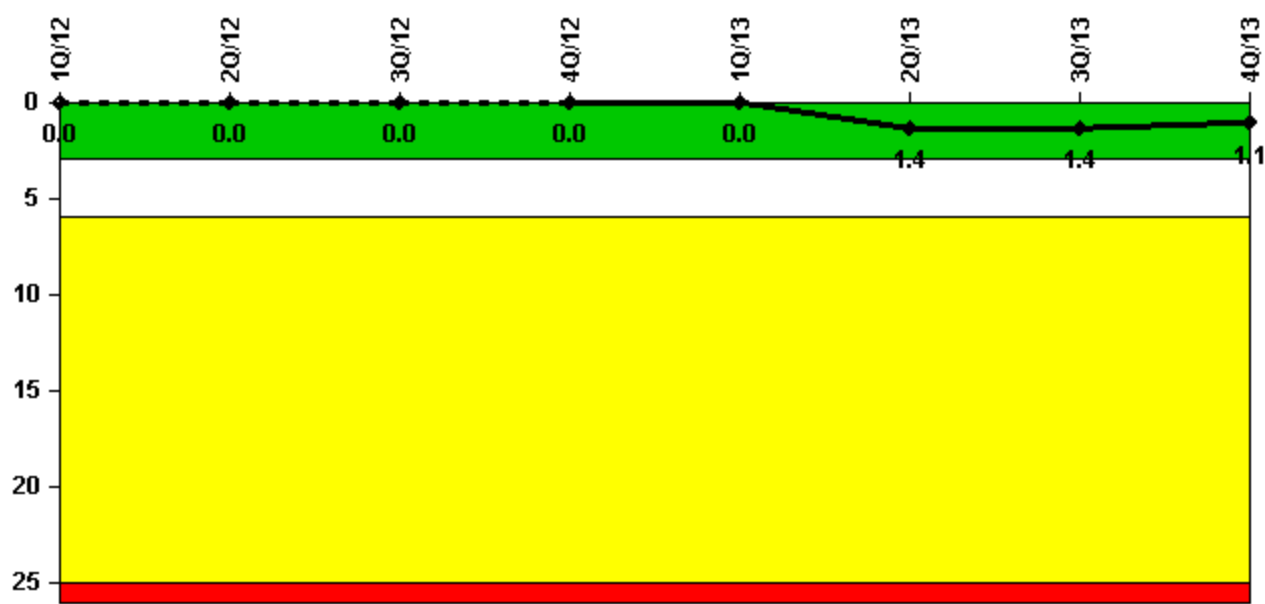
Turkey Point 4

4Q/2013 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



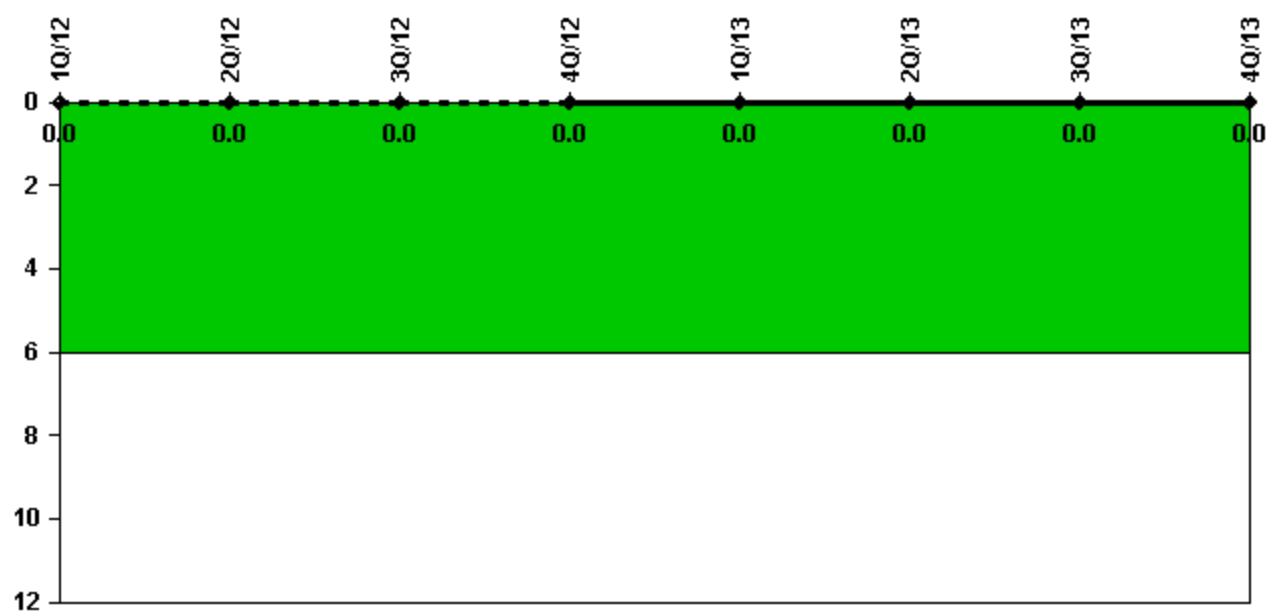
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Unplanned scrams	0	0	0	0	0	1.0	0	0
Critical hours	2183.0	2184.0	2208.0	841.0	0	2019.1	2208.0	2209.0
Indicator value	0	0	0	0	0	1.4	1.4	1.1

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



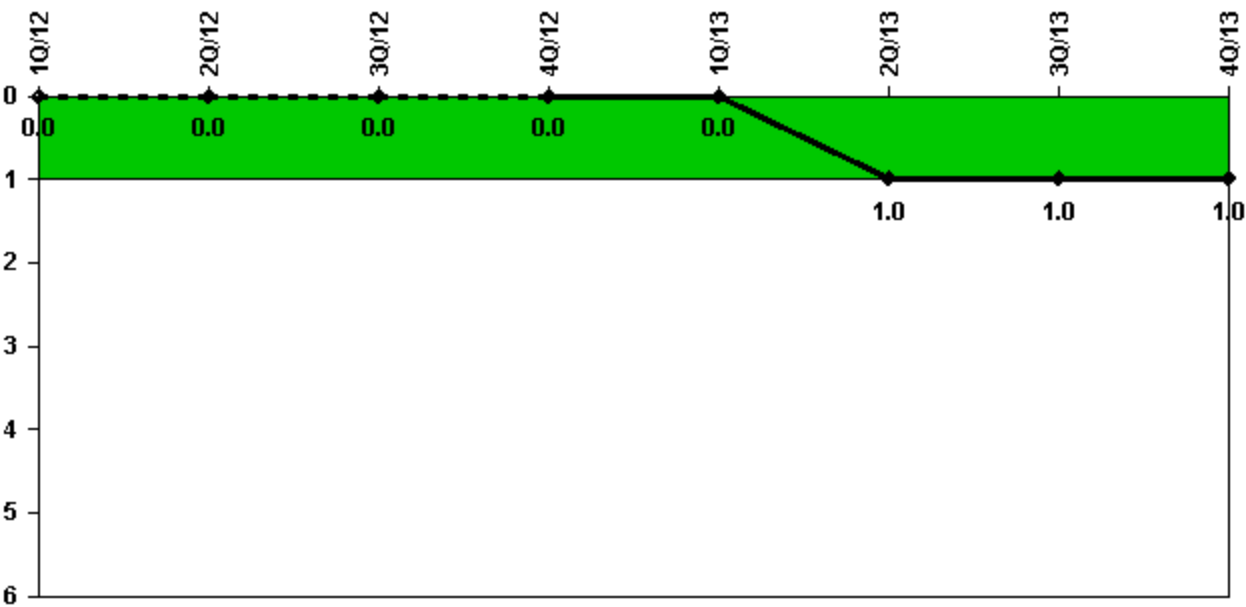
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2183.0	2184.0	2208.0	841.0	0	2019.1	2208.0	2209.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



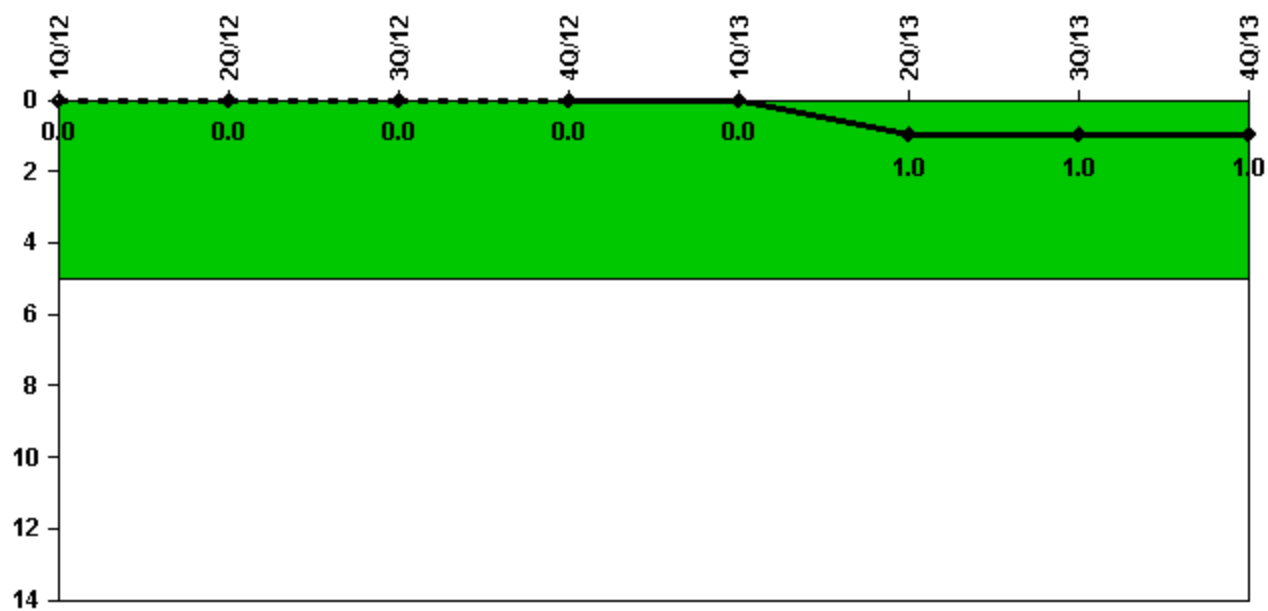
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
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

Licensee Comments: none

Safety System Functional Failures (PWR)



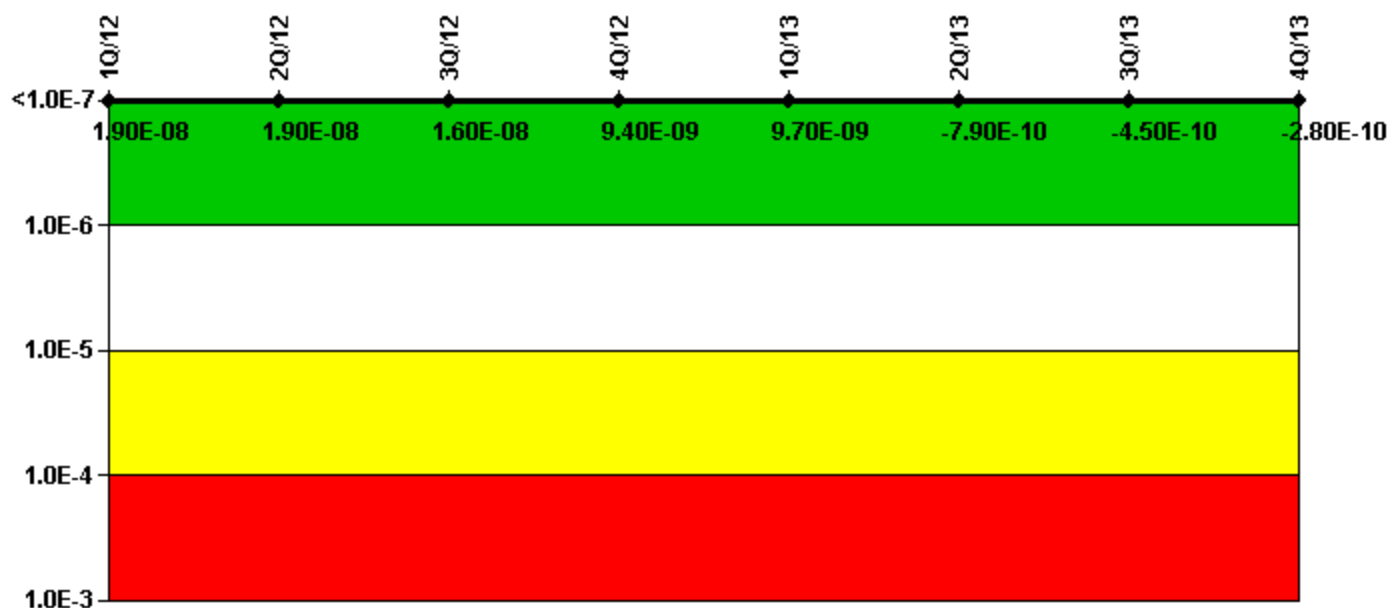
Thresholds: White > 5.0

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



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

Notes

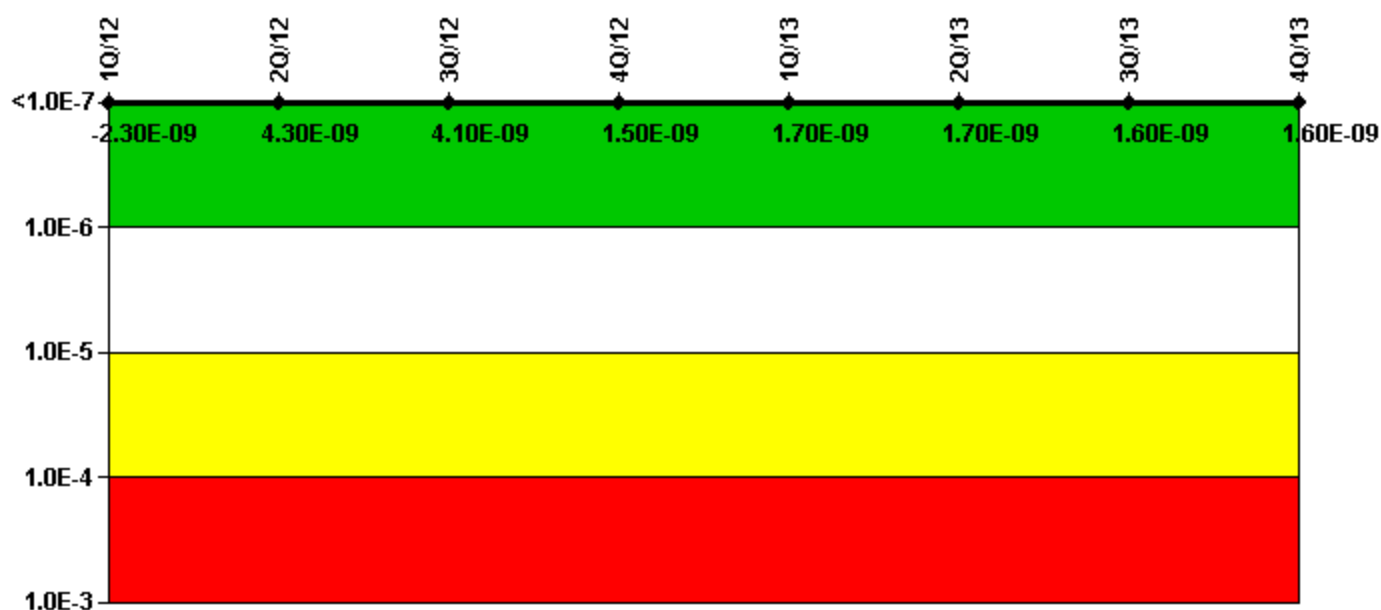
Mitigating Systems Performance Index, Emergency AC Power System	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
UAI (Δ CDF)	1.20E-08	1.21E-08	1.18E-08	4.73E-09	5.35E-09	2.69E-09	3.18E-09	3.16E-09
URI (Δ CDF)	6.94E-09	6.86E-09	4.68E-09	4.71E-09	4.34E-09	-3.47E-09	-3.63E-09	-3.44E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.90E-08	1.90E-08	1.60E-08	9.40E-09	9.70E-09	-7.90E-10	-4.50E-10	-2.80E-10

Licensee Comments:

4Q/12: Changed PRA Parameter(s).

1Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, High Pressure Injection System



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

Notes

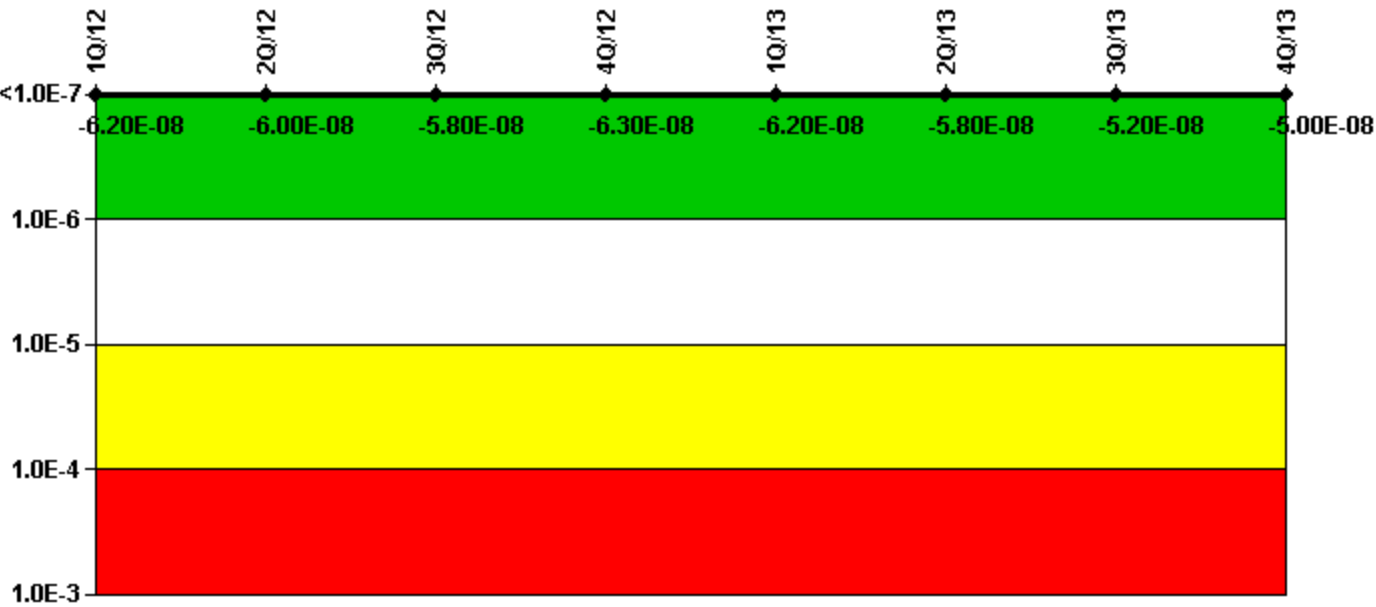
Mitigating Systems Performance Index, High Pressure Injection System	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
UAI (Δ CDF)	-4.94E-10	6.15E-09	5.99E-09	2.85E-09	3.12E-09	3.17E-09	3.14E-09	3.14E-09
URI (Δ CDF)	-1.82E-09	-1.88E-09	-1.93E-09	-1.36E-09	-1.41E-09	-1.45E-09	-1.50E-09	-1.59E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.30E-09	4.30E-09	4.10E-09	1.50E-09	1.70E-09	1.70E-09	1.60E-09	1.60E-09

Licensee Comments:

4Q/12: Changed PRA Parameter(s).

1Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



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

Notes

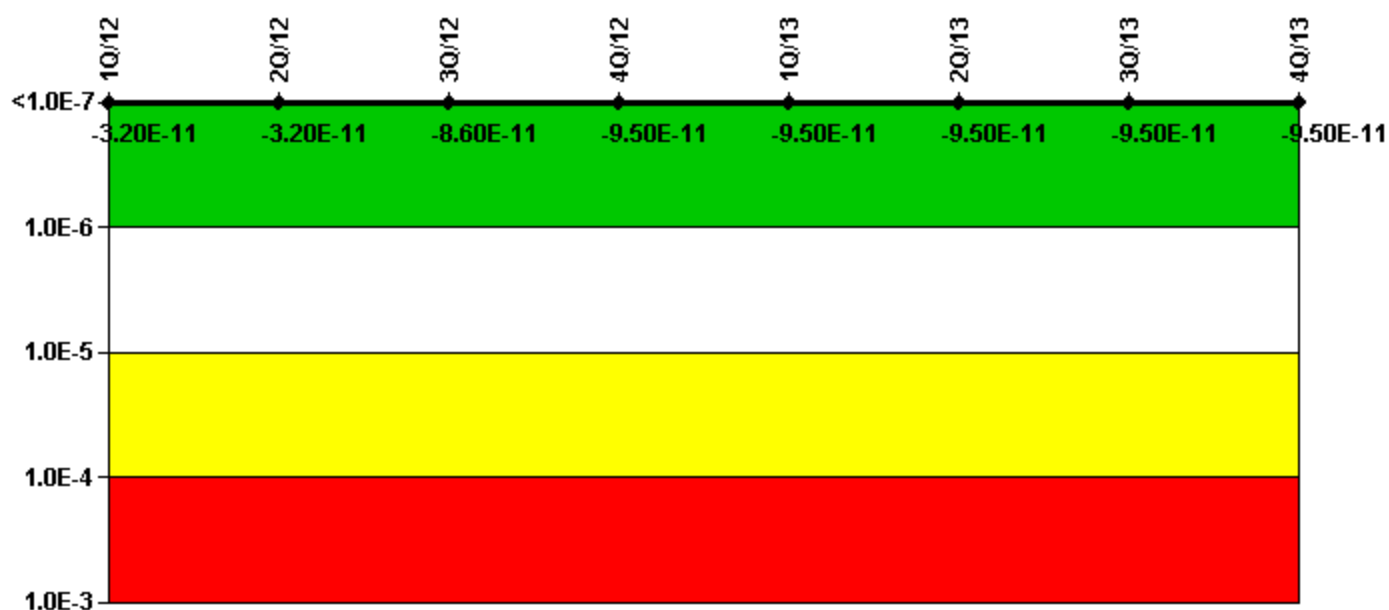
Mitigating Systems Performance Index, Heat Removal System	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
UAI (ΔCDF)	-7.18E-10	9.01E-10	2.74E-09	5.44E-09	6.62E-09	1.11E-08	1.66E-08	1.87E-08
URI (ΔCDF)	-6.11E-08	-6.11E-08	-6.11E-08	-6.83E-08	-6.88E-08	-6.89E-08	-6.89E-08	-6.88E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.20E-08	-6.00E-08	-5.80E-08	-6.30E-08	-6.20E-08	-5.80E-08	-5.20E-08	-5.00E-08

Licensee Comments:

4Q/12: Changed PRA Parameter(s).

1Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System



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

Notes

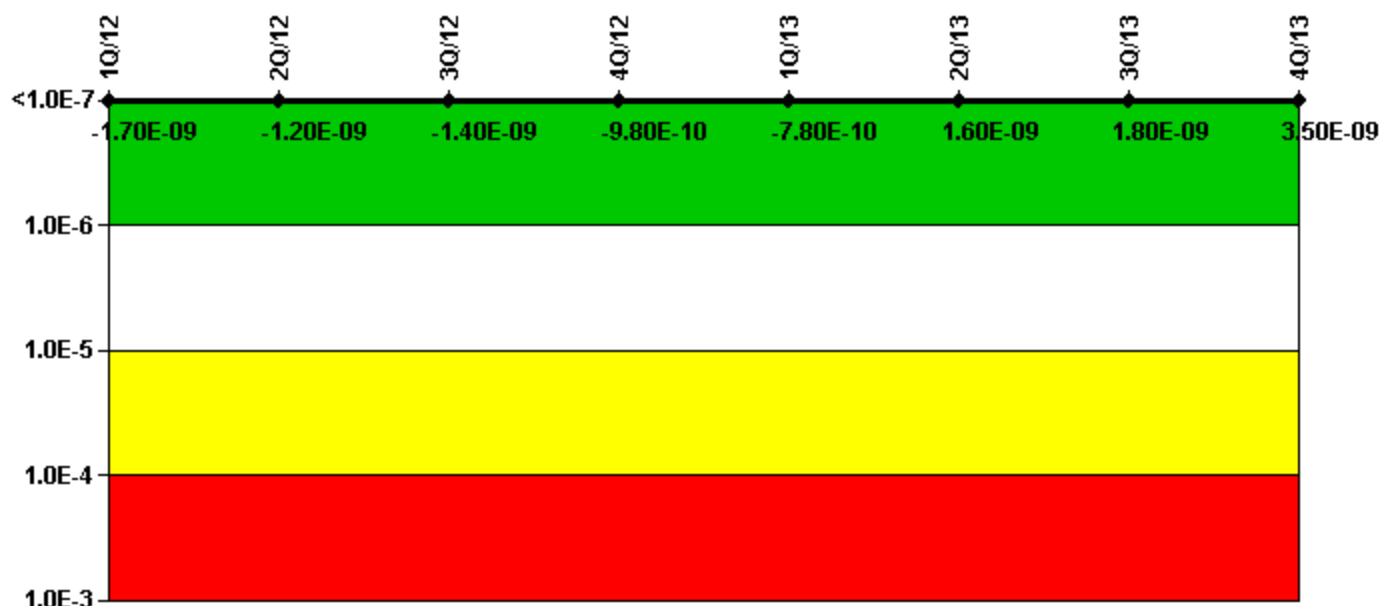
Mitigating Systems Performance Index, Residual Heat Removal System	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
UAI (Δ CDF)	3.77E-11	3.76E-11	-1.55E-11	-2.06E-11	-2.06E-11	-2.06E-11	-2.06E-11	-2.06E-11
URI (Δ CDF)	-7.01E-11	-7.01E-11	-7.01E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.20E-11	-3.20E-11	-8.60E-11	-9.50E-11	-9.50E-11	-9.50E-11	-9.50E-11	-9.50E-11

Licensee Comments:

4Q/12: Changed PRA Parameter(s).

1Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



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

Notes

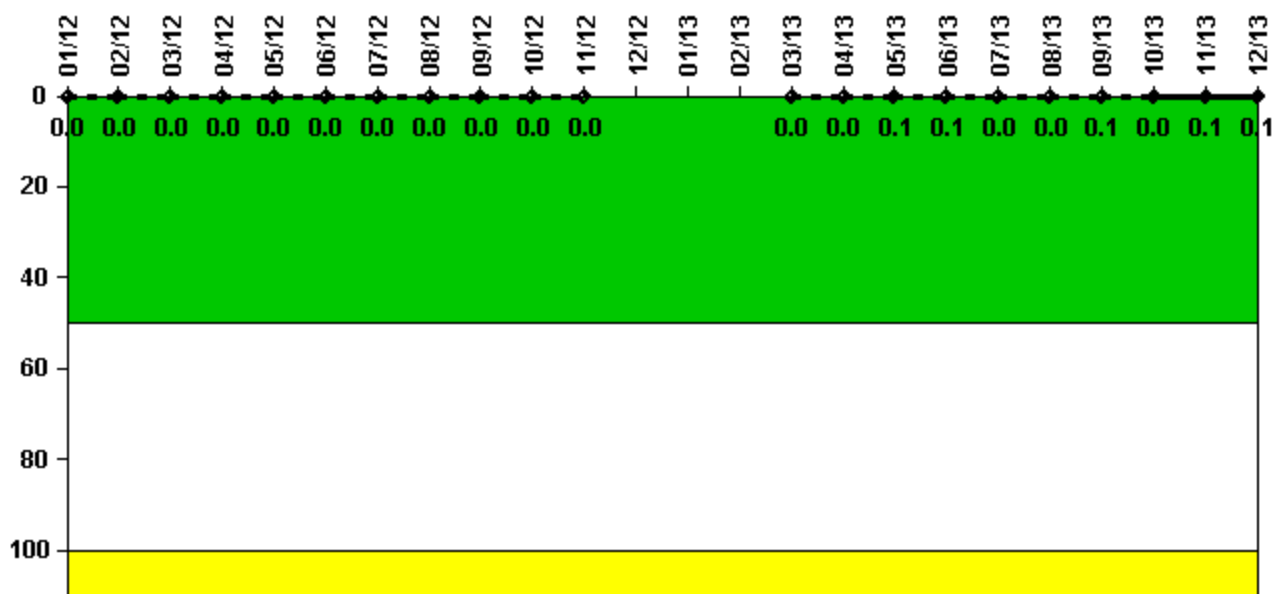
Mitigating Systems Performance Index, Cooling Water Systems	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
UAI (ΔCDF)	1.91E-09	2.43E-09	2.21E-09	3.54E-09	3.73E-09	6.16E-09	6.35E-09	8.01E-09
URI (ΔCDF)	-3.58E-09	-3.58E-09	-3.58E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.70E-09	-1.20E-09	-1.40E-09	-9.80E-10	-7.80E-10	1.60E-09	1.80E-09	3.50E-09

Licensee Comments:

4Q/12: Changed PRA Parameter(s).

1Q/12: Changed PRA Parameter(s).

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

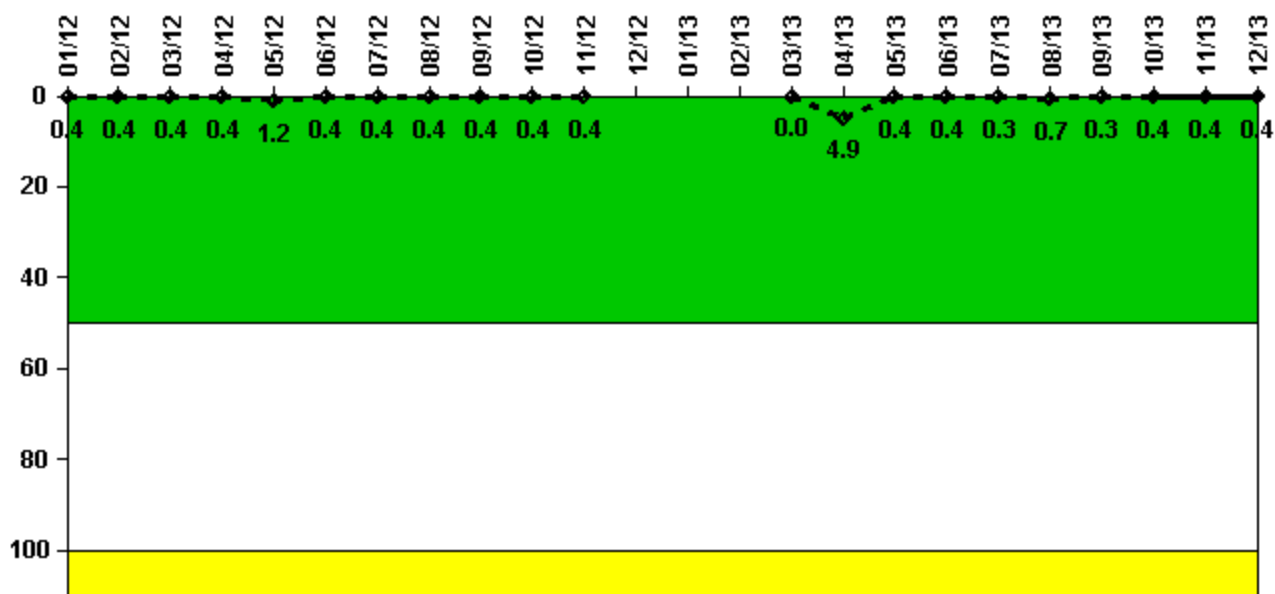
Notes

Reactor Coolant System Activity	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	12/12
Maximum activity	0.000320	0.000350	0.000320	0.000340	0.000350	0.000390	0.000380	0.000360	0.000370	0.000400	0.000370	N/A
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	N/A

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	N/A	N/A	0.000006	0.000030	0.000180	0.000200	0.000100	0.000100	0.000240	0.000100	0.000200	0.000210
Technical specification limit	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Indicator value	N/A	N/A	0	0	0.1	0.1	0	0	0.1	0	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



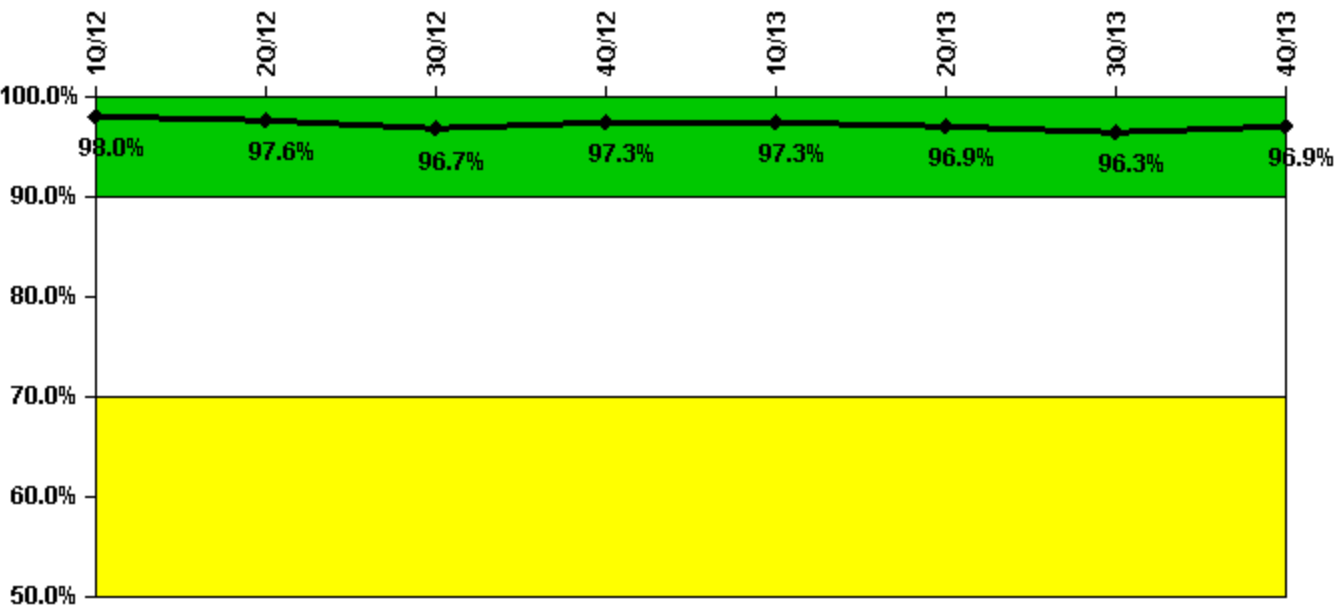
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	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	0.040	0.040	0.040	0.040	0.120	0.040	0.040	0.040	0.040	0.040	0.040	N/A
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.4	0.4	0.4	1.2	0.4	0.4	0.4	0.4	0.4	0.4	N/A
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	N/A	N/A	0	0.490	0.040	0.040	0.030	0.070	0.030	0.040	0.040	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	N/A	N/A	0	4.9	0.4	0.4	0.3	0.7	0.3	0.4	0.4	0.4

Licensee Comments: none

Drill/Exercise Performance



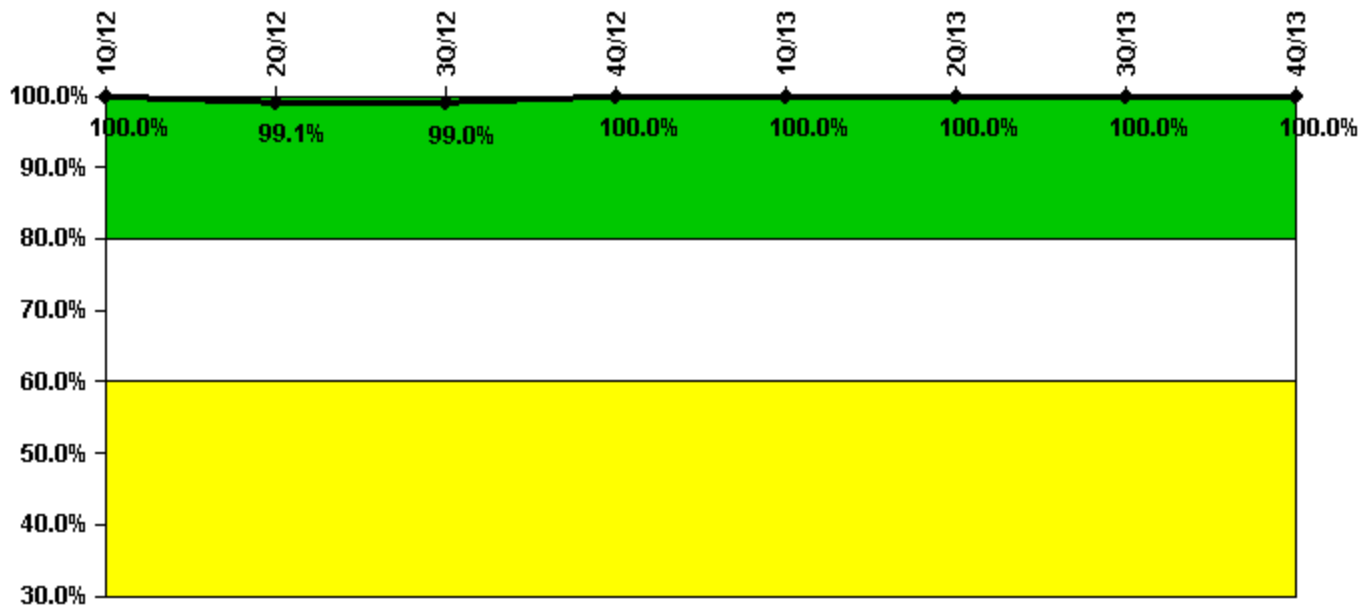
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Successful opportunities	24.0	22.0	35.0	55.0	10.0	38.0	33.0	37.0
Total opportunities	24.0	23.0	38.0	55.0	10.0	40.0	35.0	37.0
Indicator value	98.0%	97.6%	96.7%	97.3%	97.3%	96.9%	96.3%	96.9%

Licensee Comments: none

ERO Drill Participation



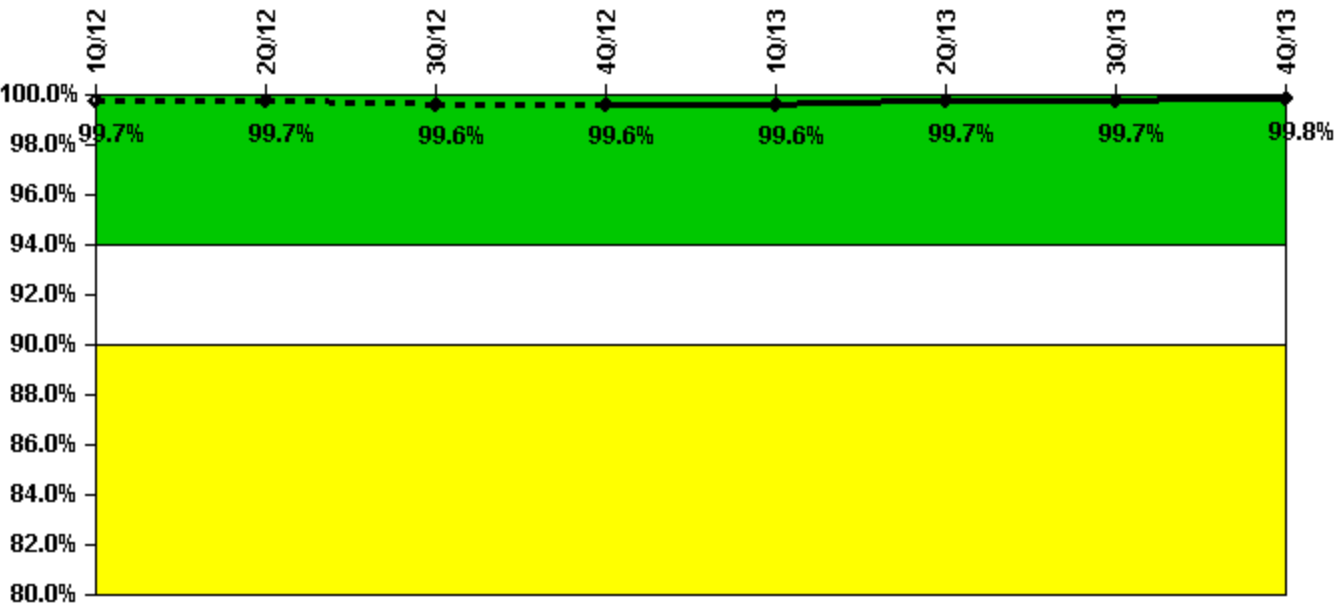
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Participating Key personnel	104.0	106.0	98.0	103.0	97.0	106.0	106.0	111.0
Total Key personnel	104.0	107.0	99.0	103.0	97.0	106.0	106.0	111.0
Indicator value	100.0%	99.1%	99.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



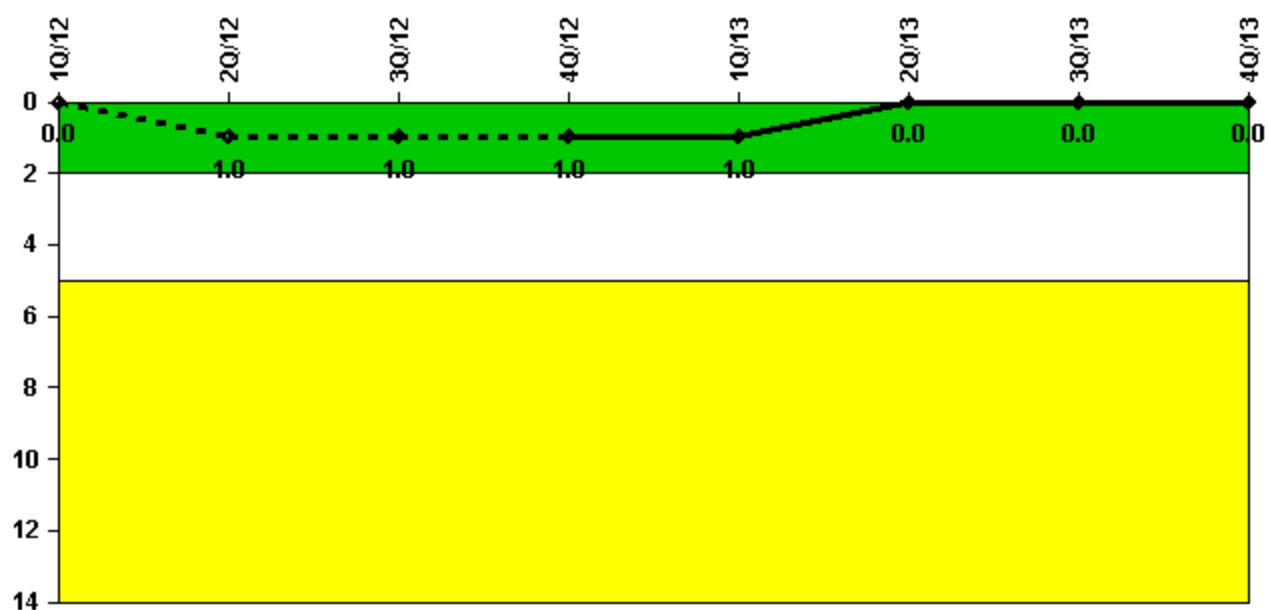
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Successful siren-tests	375	328	374	328	375	329	327	376
Total sirens-tests	376	329	376	329	376	329	329	376
Indicator value	99.7%	99.7%	99.6%	99.6%	99.6%	99.7%	99.7%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness

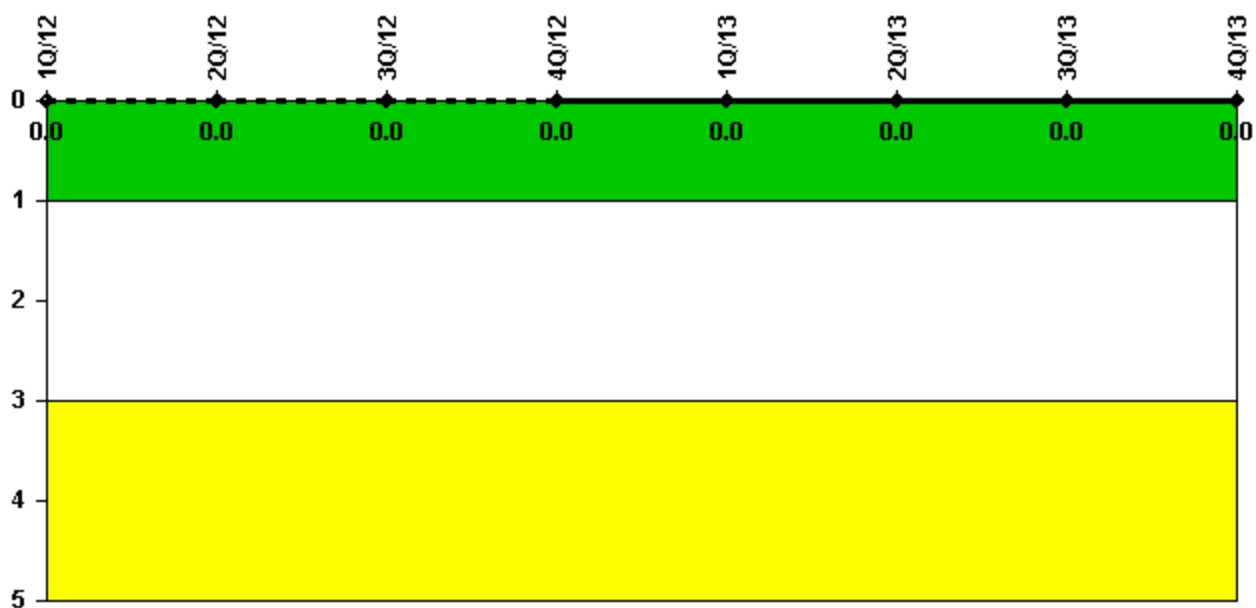


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
High radiation area occurrences	0	1	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	1	1	1	1	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

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

Last Modified: January 22, 2014

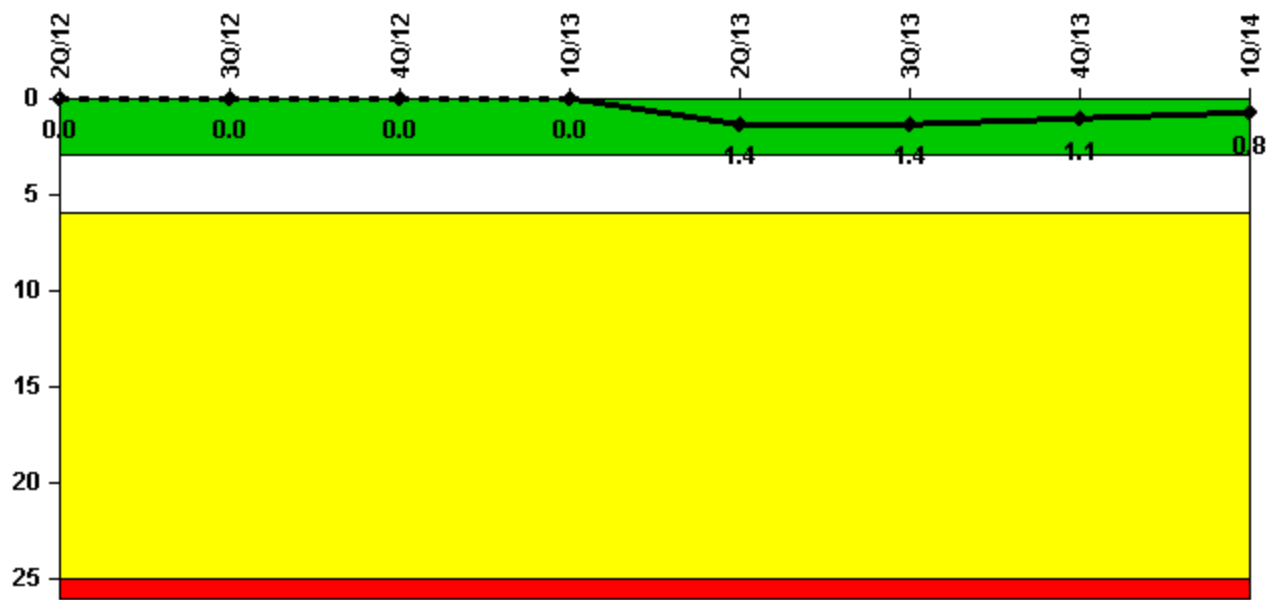
Turkey Point 4

1Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



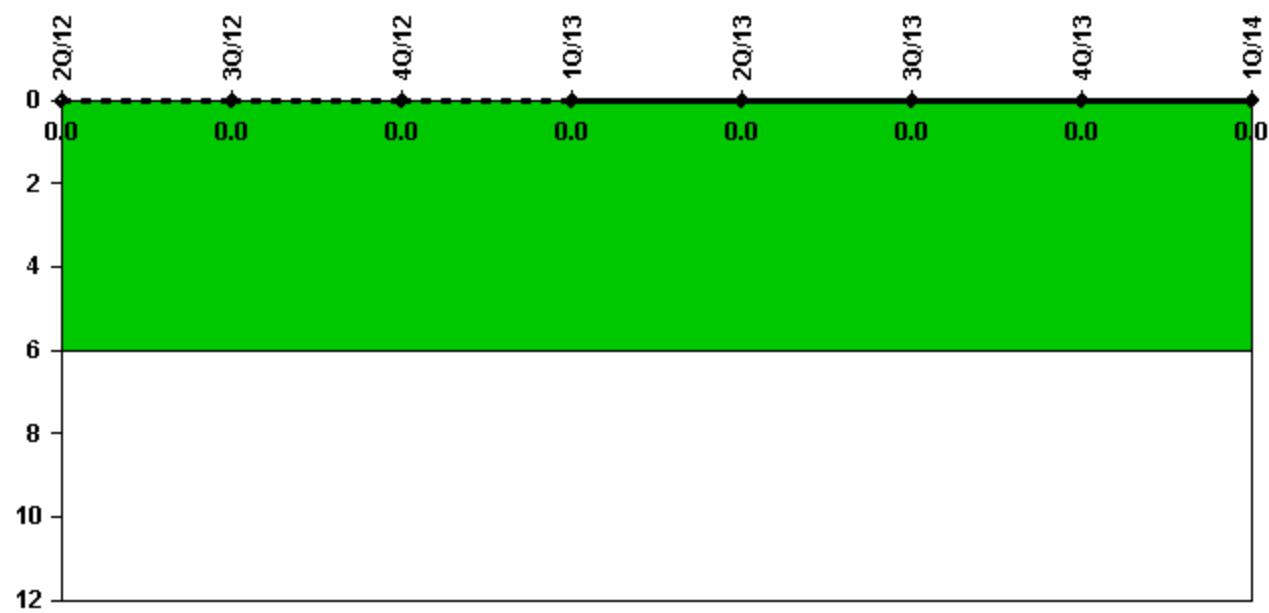
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Unplanned scrams	0	0	0	0	1.0	0	0	0
Critical hours	2184.0	2208.0	841.0	0	2019.1	2208.0	2209.0	2159.0
Indicator value	0	0	0	0	1.4	1.4	1.1	0.8

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



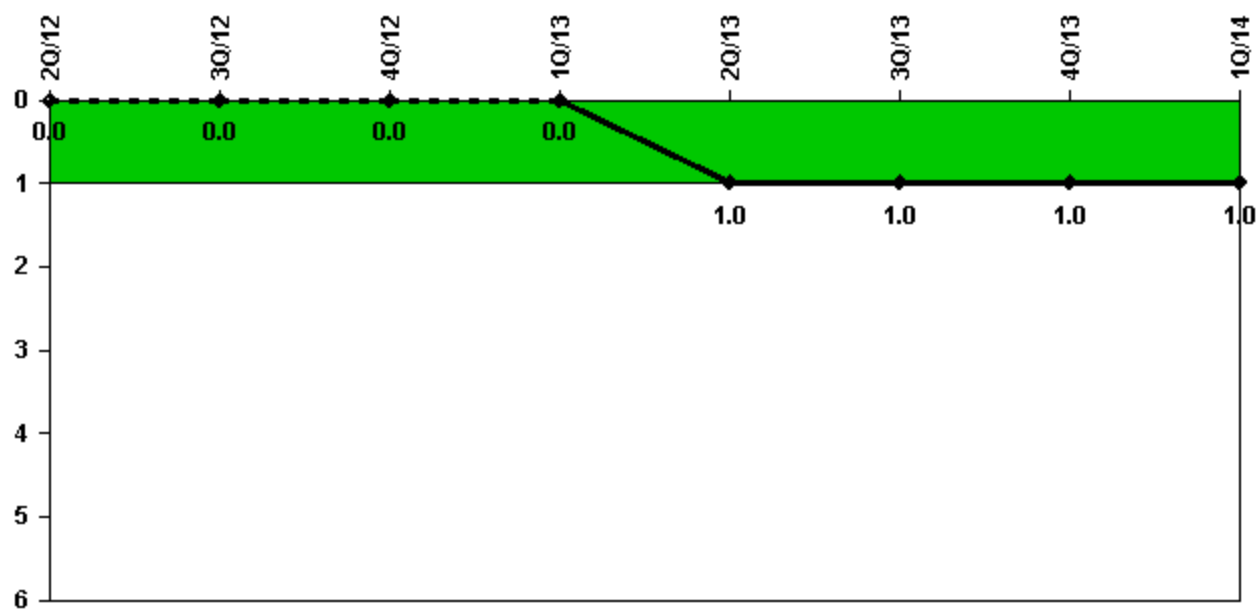
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2184.0	2208.0	841.0	0	2019.1	2208.0	2209.0	2159.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



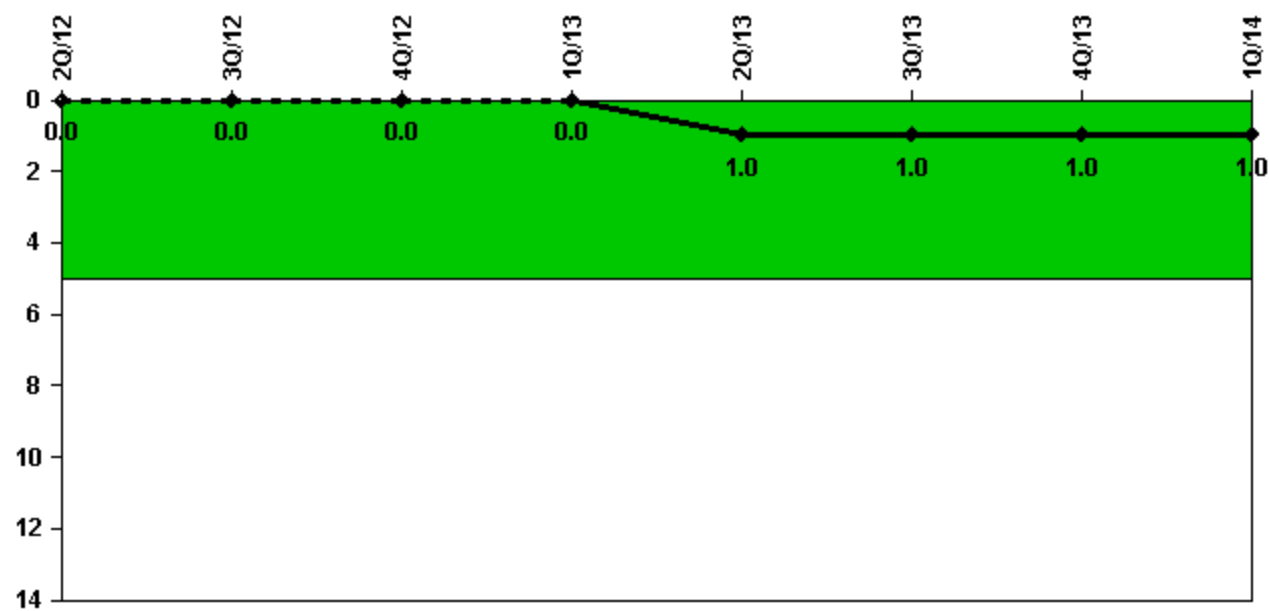
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
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

Licensee Comments: none

Safety System Functional Failures (PWR)



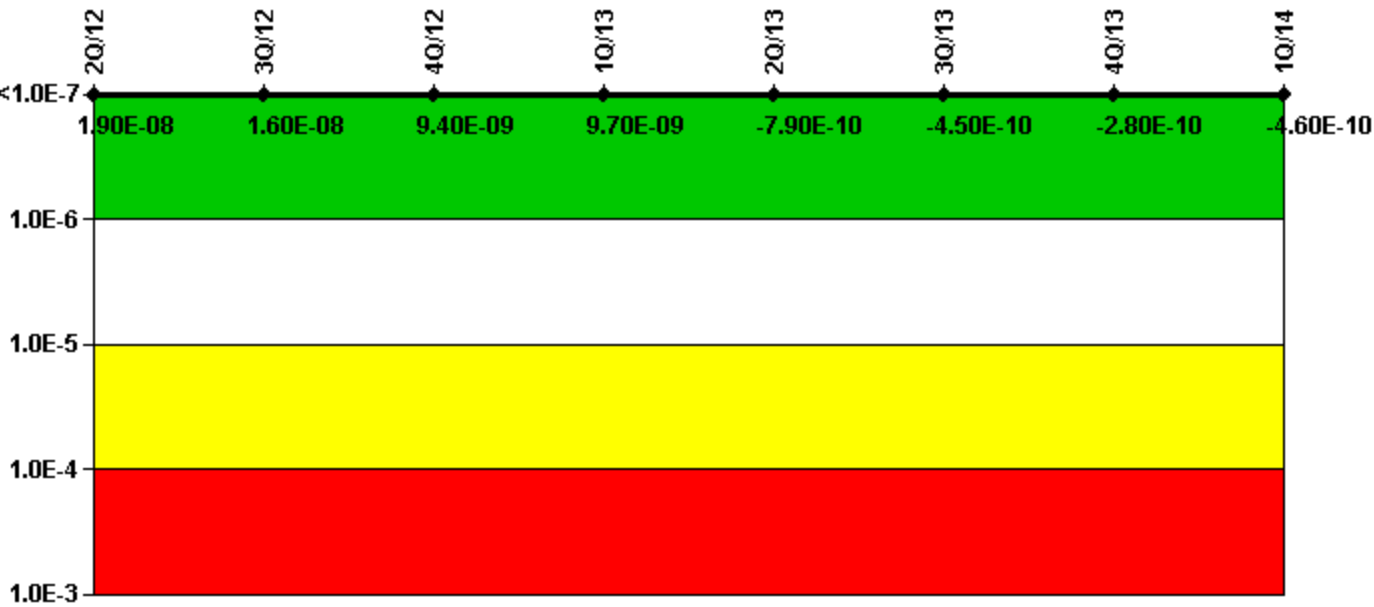
Thresholds: White > 5.0

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



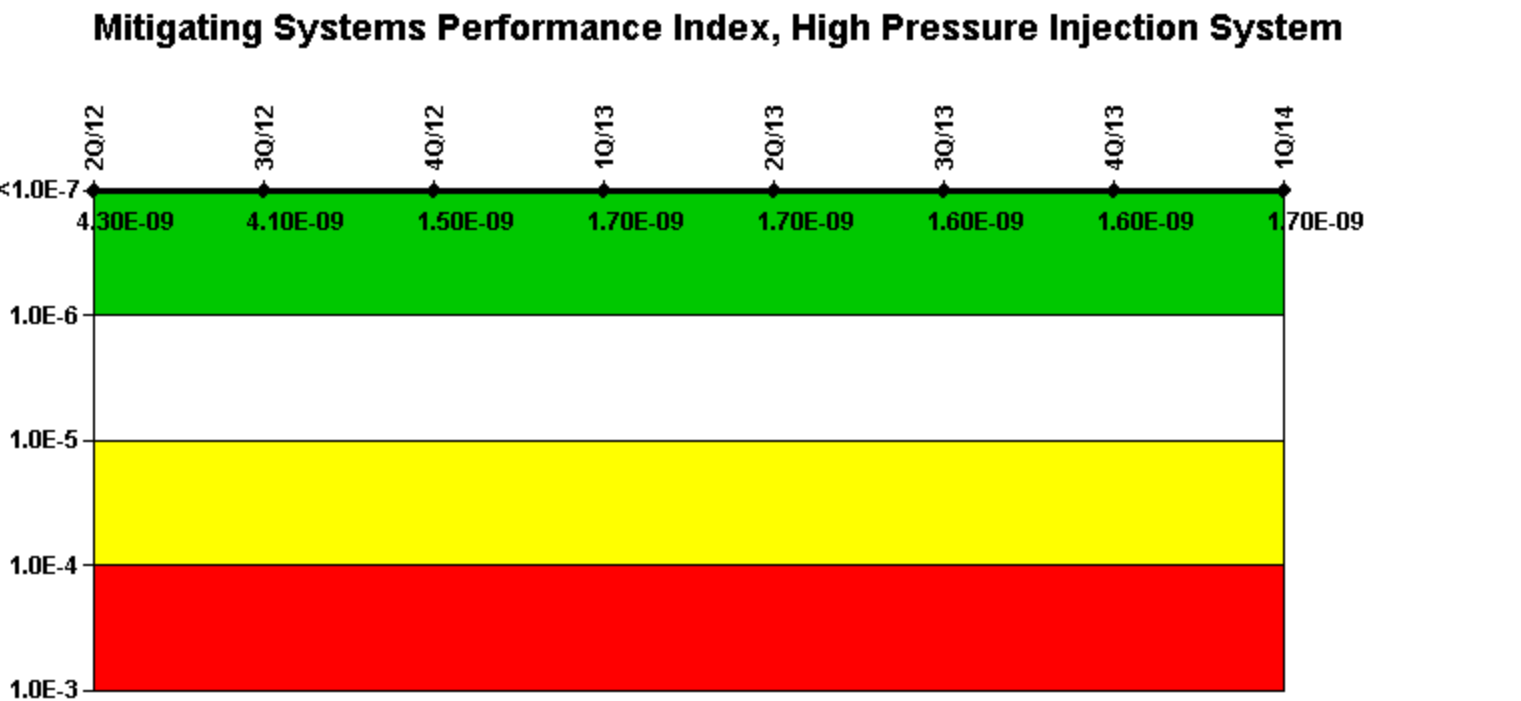
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
UAI (ΔCDF)	1.21E-08	1.18E-08	4.73E-09	5.35E-09	2.69E-09	3.18E-09	3.16E-09	2.88E-09
URI (ΔCDF)	6.86E-09	4.68E-09	4.71E-09	4.34E-09	-3.47E-09	-3.63E-09	-3.44E-09	-3.34E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.90E-08	1.60E-08	9.40E-09	9.70E-09	-7.90E-10	-4.50E-10	-2.80E-10	-4.60E-10

Licensee Comments:

4Q/12: Changed PRA Parameter(s).



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

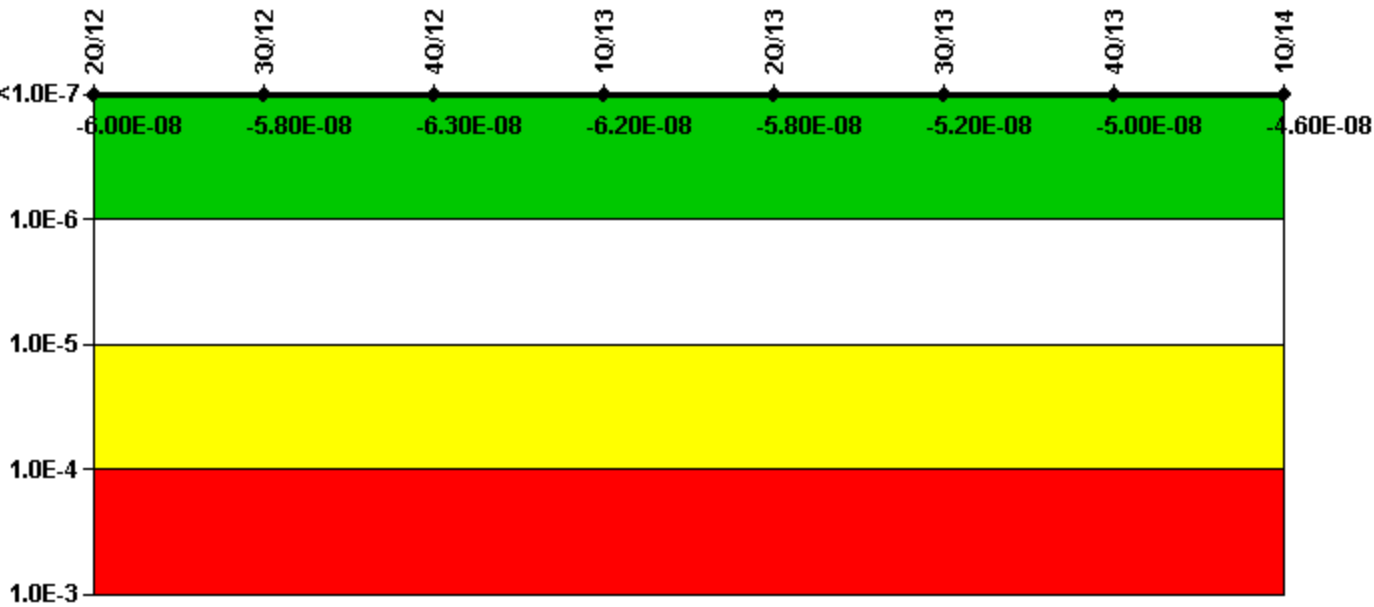
Notes

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)	6.15E-09	5.99E-09	2.85E-09	3.12E-09	3.17E-09	3.14E-09	3.14E-09	3.38E-09
URI (ΔCDF)	-1.88E-09	-1.93E-09	-1.36E-09	-1.41E-09	-1.45E-09	-1.50E-09	-1.59E-09	-1.63E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.30E-09	4.10E-09	1.50E-09	1.70E-09	1.70E-09	1.60E-09	1.60E-09	1.70E-09

Licensee Comments:

4Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



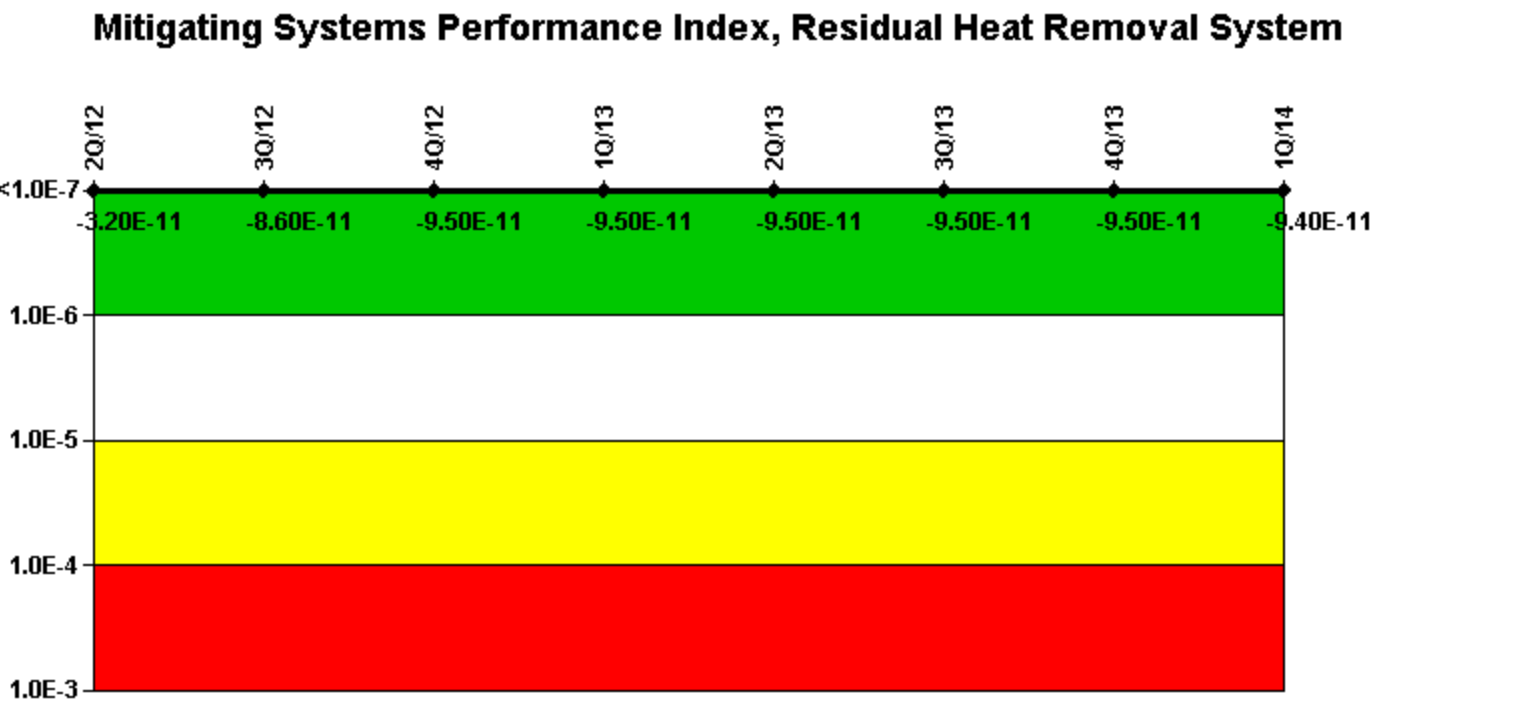
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
UAI (ΔCDF)	9.01E-10	2.74E-09	5.44E-09	6.62E-09	1.11E-08	1.66E-08	1.87E-08	2.33E-08
URI (ΔCDF)	-6.11E-08	-6.11E-08	-6.83E-08	-6.88E-08	-6.89E-08	-6.89E-08	-6.88E-08	-6.88E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.00E-08	-5.80E-08	-6.30E-08	-6.20E-08	-5.80E-08	-5.20E-08	-5.00E-08	-4.60E-08

Licensee Comments:

4Q/12: Changed PRA Parameter(s).



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

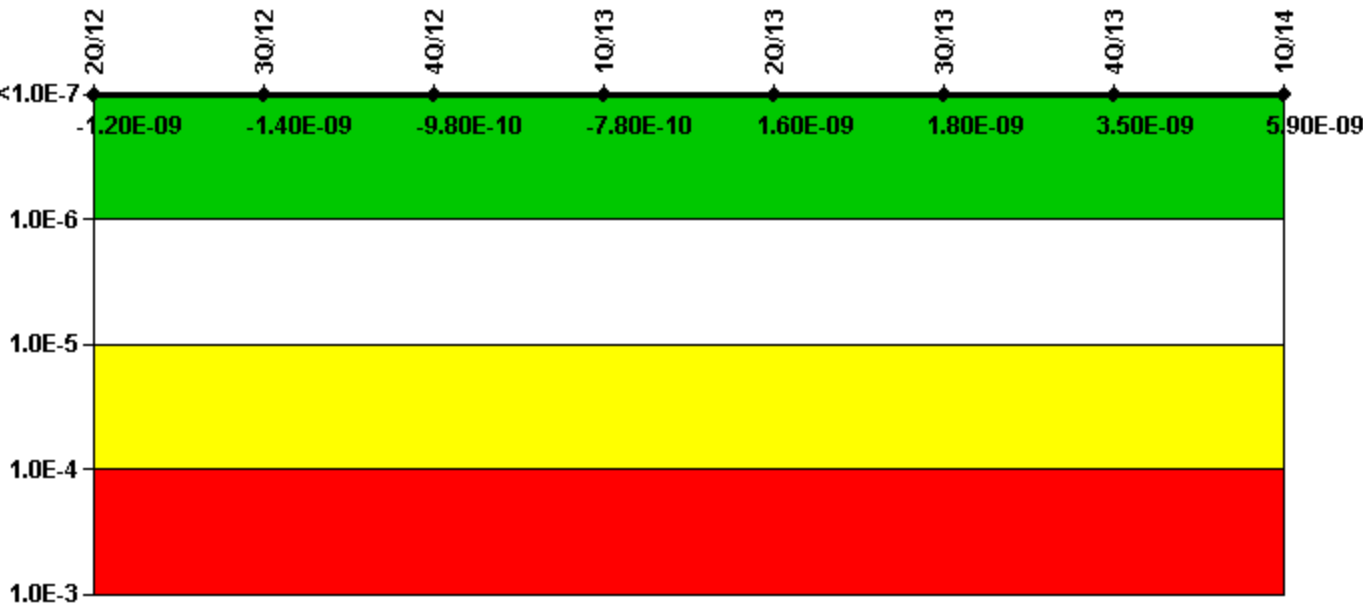
Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
UAI (ΔCDF)	3.76E-11	-1.55E-11	-2.06E-11	-2.06E-11	-2.06E-11	-2.06E-11	-2.06E-11	-1.89E-11
URI (ΔCDF)	-7.01E-11	-7.01E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.20E-11	-8.60E-11	-9.50E-11	-9.50E-11	-9.50E-11	-9.50E-11	-9.50E-11	-9.40E-11

Licensee Comments:

4Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



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

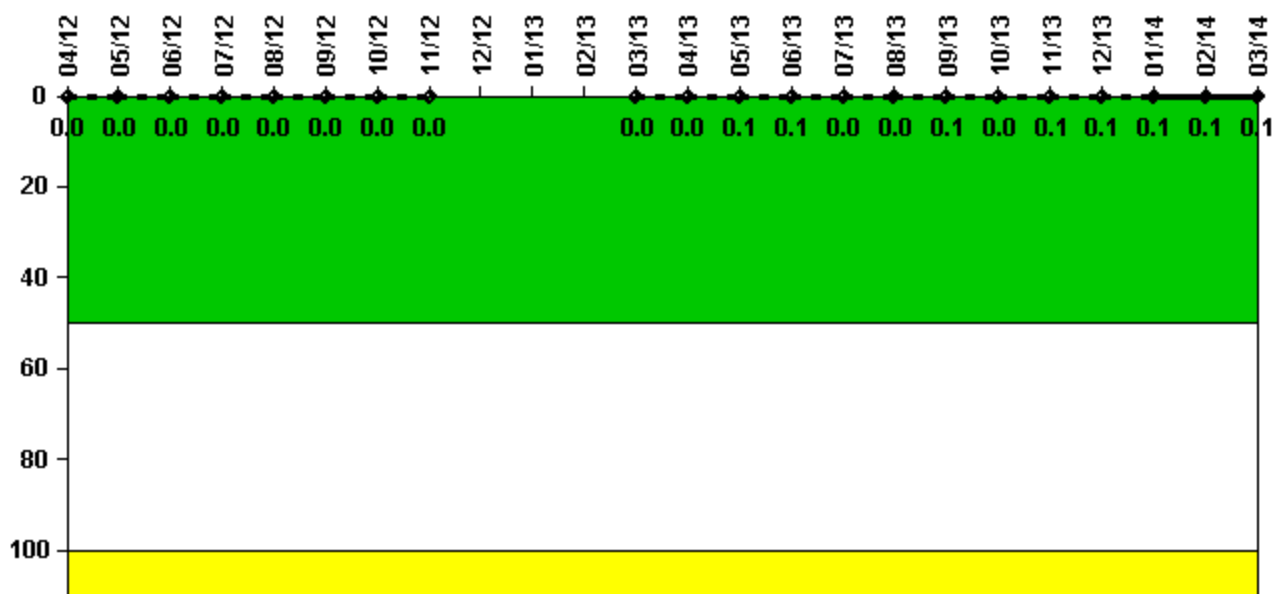
Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
UAI (ΔCDF)	2.43E-09	2.21E-09	3.54E-09	3.73E-09	6.16E-09	6.35E-09	8.01E-09	1.04E-08
URI (ΔCDF)	-3.58E-09	-3.58E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.20E-09	-1.40E-09	-9.80E-10	-7.80E-10	1.60E-09	1.80E-09	3.50E-09	5.90E-09

Licensee Comments:

4Q/12: Changed PRA Parameter(s).

Reactor Coolant System Activity



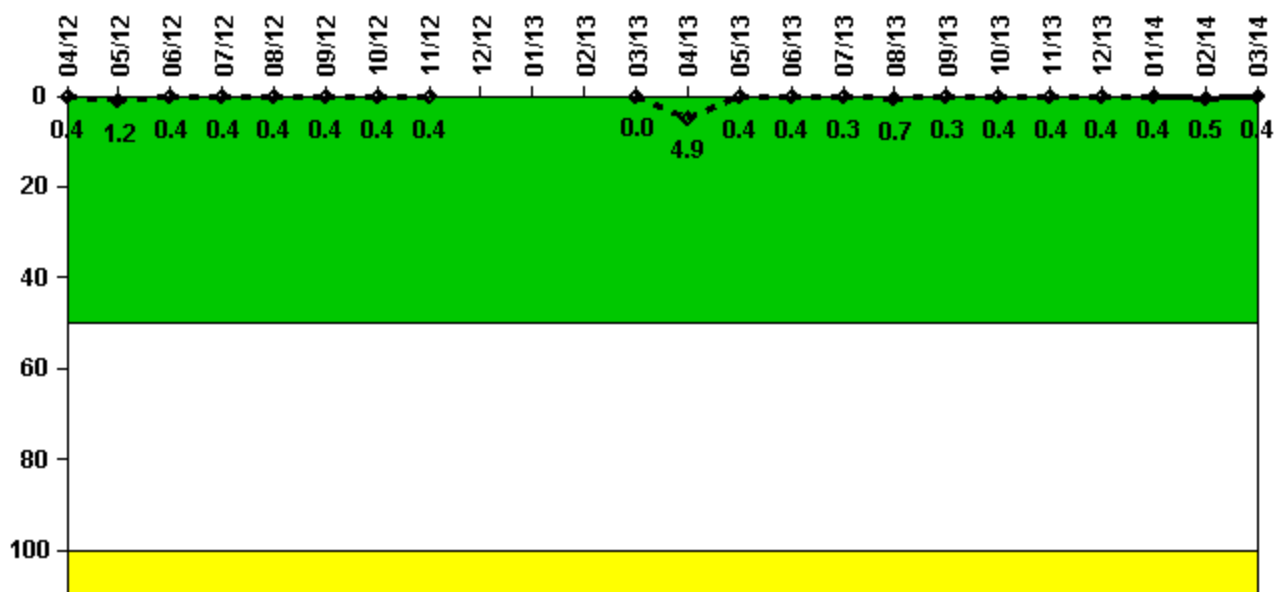
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity		4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	12/12	1/13	2/13	3/13
Maximum activity		0.000340	0.000350	0.000390	0.000380	0.000360	0.000370	0.000400	0.000370	N/A	N/A	N/A	0.000006
Technical specification limit		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.3	0.3
Indicator value		0	0	0	0	0	0	0	0	N/A	N/A	N/A	0
Reactor Coolant System Activity		4/13	5/13	6/13	7/13	8/13	9/13	10/13	11/13	12/13	1/14	2/14	3/14
Maximum activity		0.000030	0.000180	0.000200	0.000100	0.000100	0.000240	0.000100	0.000200	0.000210	0.000200	0.000280	0.000180
Technical specification limit		0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Indicator value		0	0.1	0.1	0	0	0.1	0	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



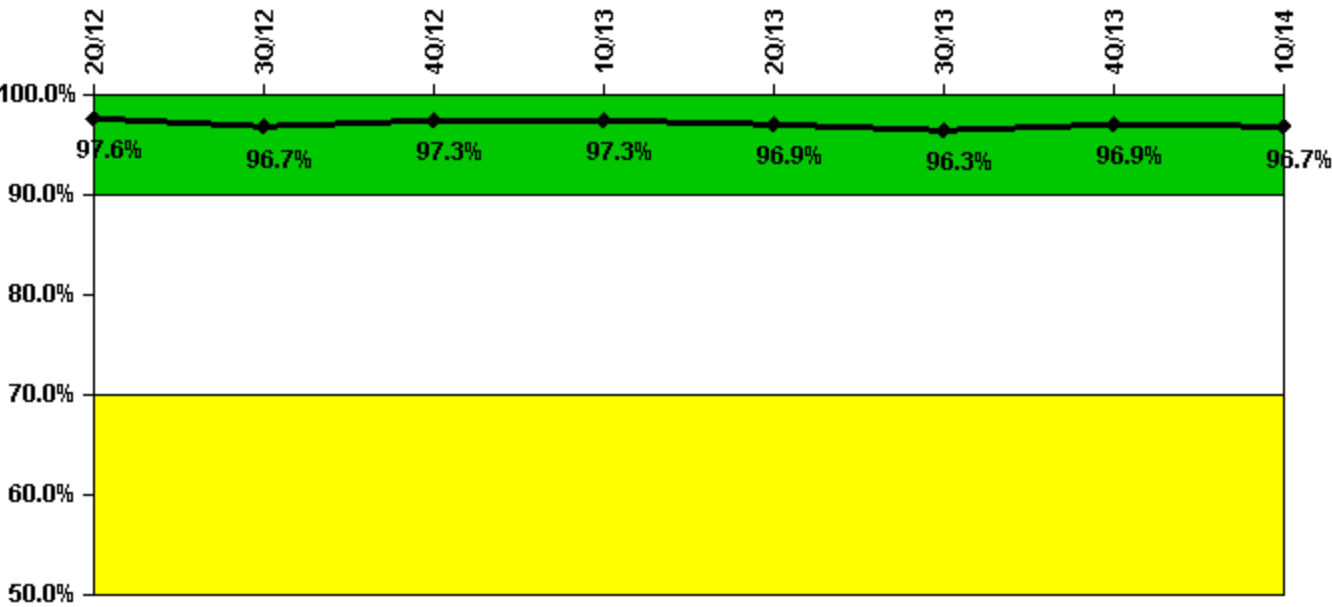
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	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	0.040	0.120	0.040	0.040	0.040	0.040	0.040	0.040	N/A	N/A	N/A	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	1.2	0.4	0.4	0.4	0.4	0.4	0.4	N/A	N/A	N/A	0
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	0.490	0.040	0.040	0.030	0.070	0.030	0.040	0.040	0.040	0.040	0.050	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	4.9	0.4	0.4	0.3	0.7	0.3	0.4	0.4	0.4	0.4	0.5	0.4

Licensee Comments: none

Drill/Exercise Performance



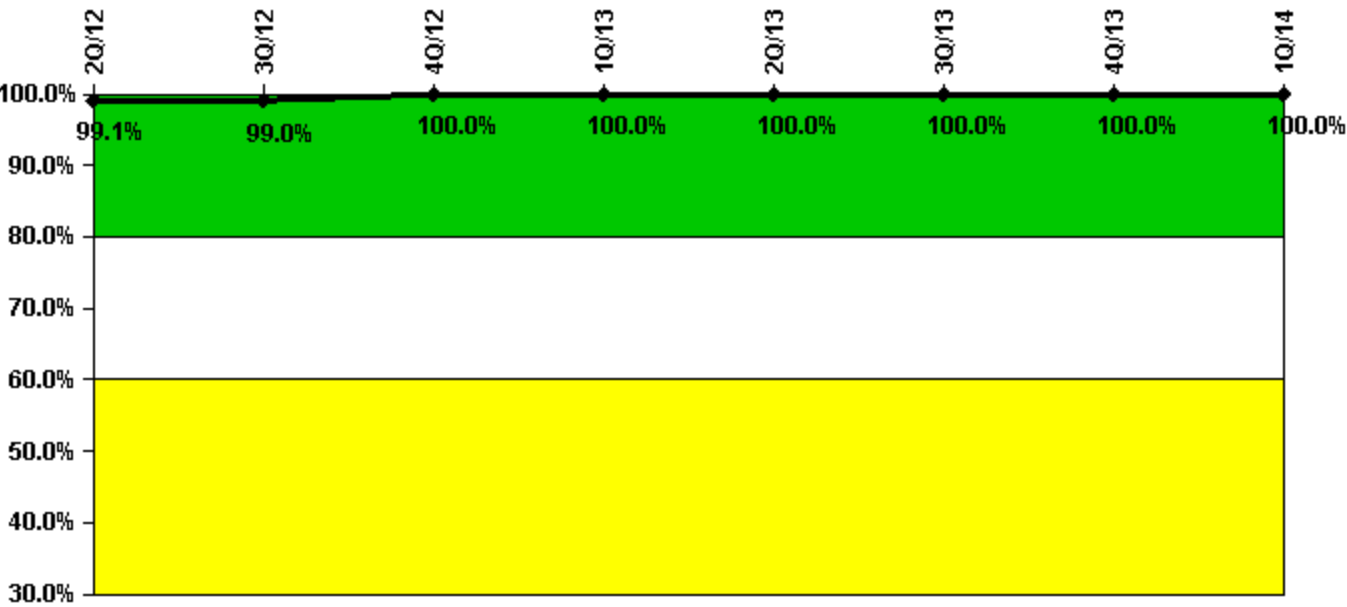
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Successful opportunities	22.0	35.0	55.0	10.0	38.0	33.0	37.0	36.0
Total opportunities	23.0	38.0	55.0	10.0	40.0	35.0	37.0	37.0
Indicator value	97.6%	96.7%	97.3%	97.3%	96.9%	96.3%	96.9%	96.7%

Licensee Comments: none

ERO Drill Participation



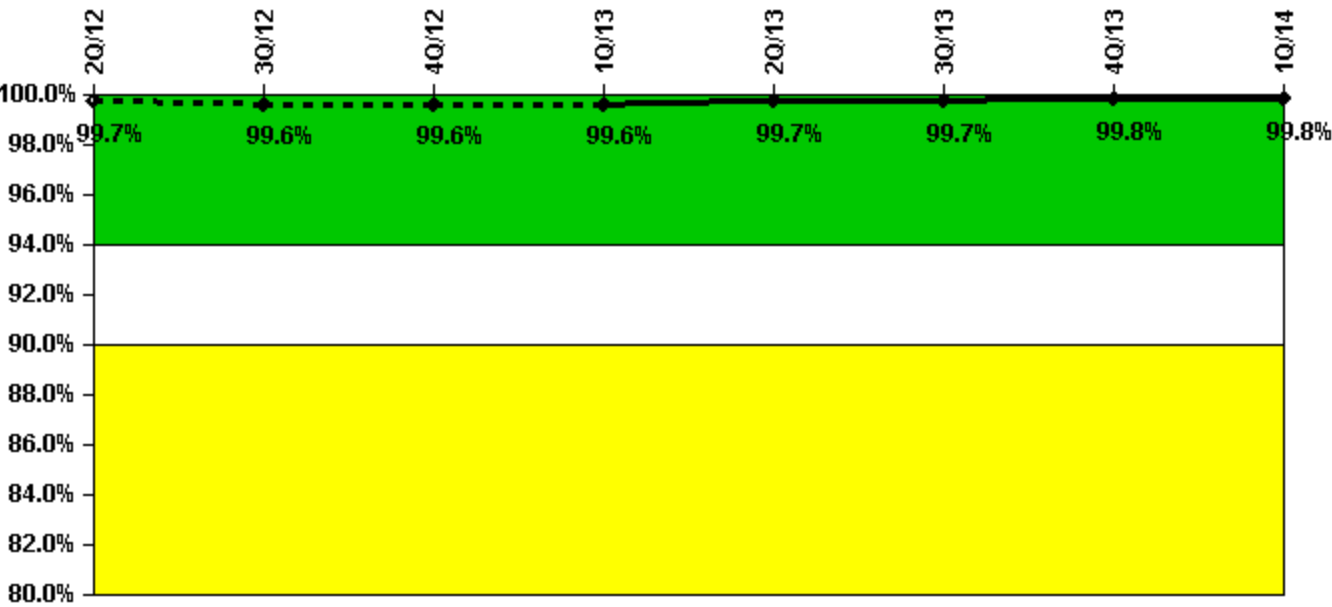
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Participating Key personnel	106.0	98.0	103.0	97.0	106.0	106.0	111.0	112.0
Total Key personnel	107.0	99.0	103.0	97.0	106.0	106.0	111.0	112.0
Indicator value	99.1%	99.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



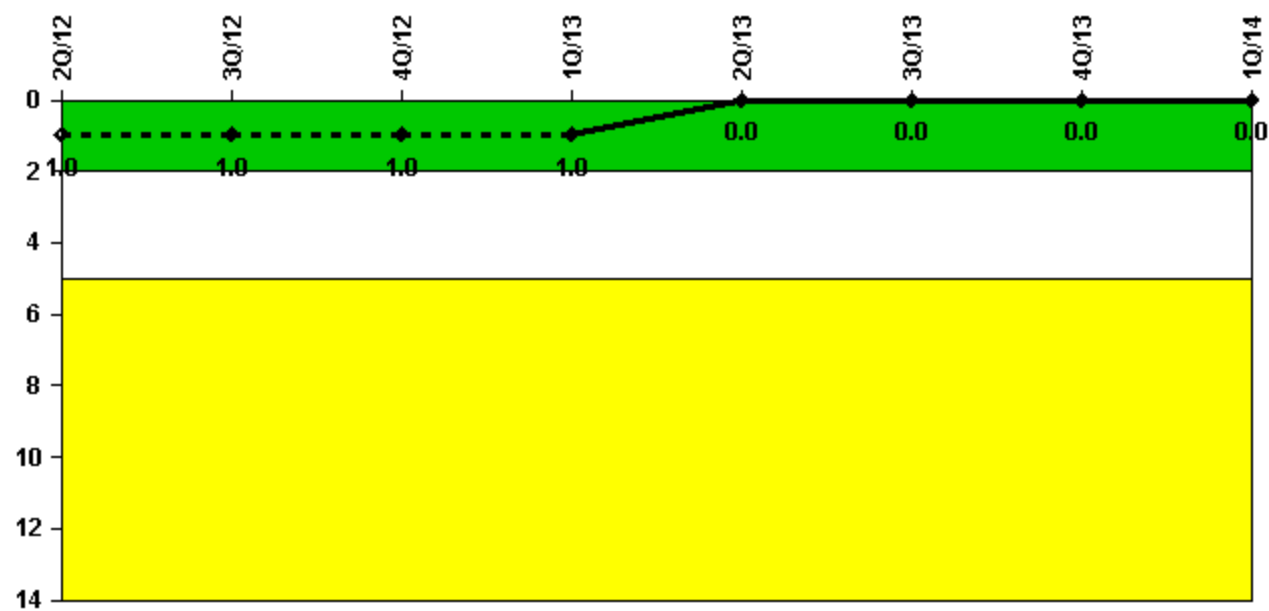
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Successful siren-tests	328	374	328	375	329	374	376	328
Total sirens-tests	329	376	329	376	329	376	376	329
Indicator value	99.7%	99.6%	99.6%	99.6%	99.7%	99.7%	99.8%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



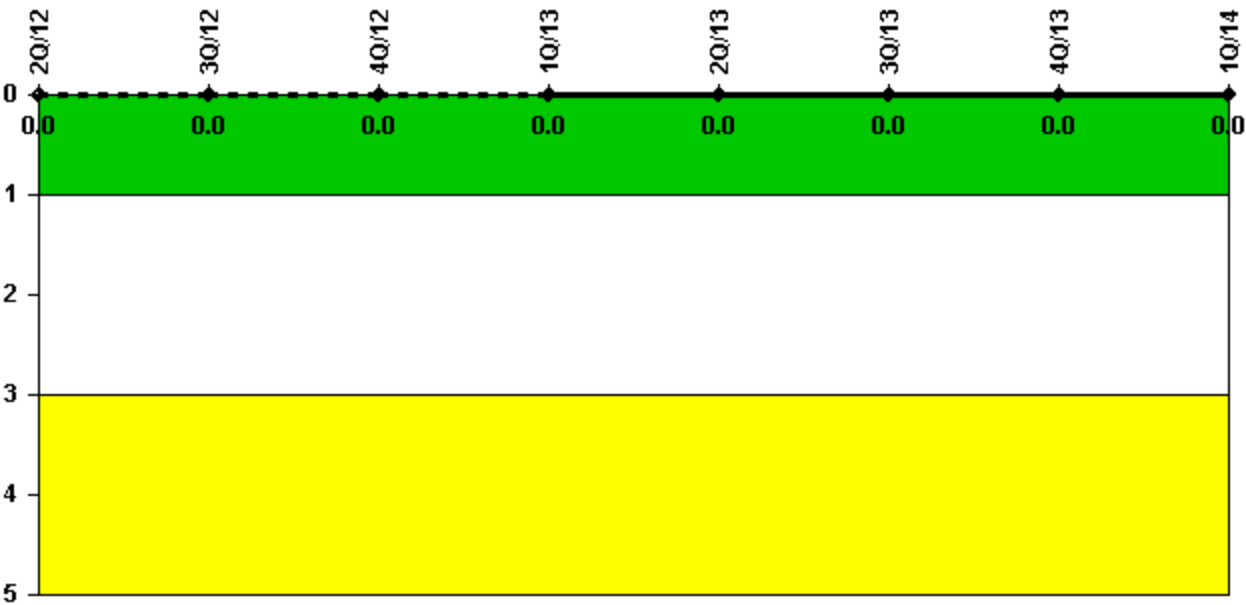
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
High radiation area occurrences	1	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	1	1	1	1	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	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

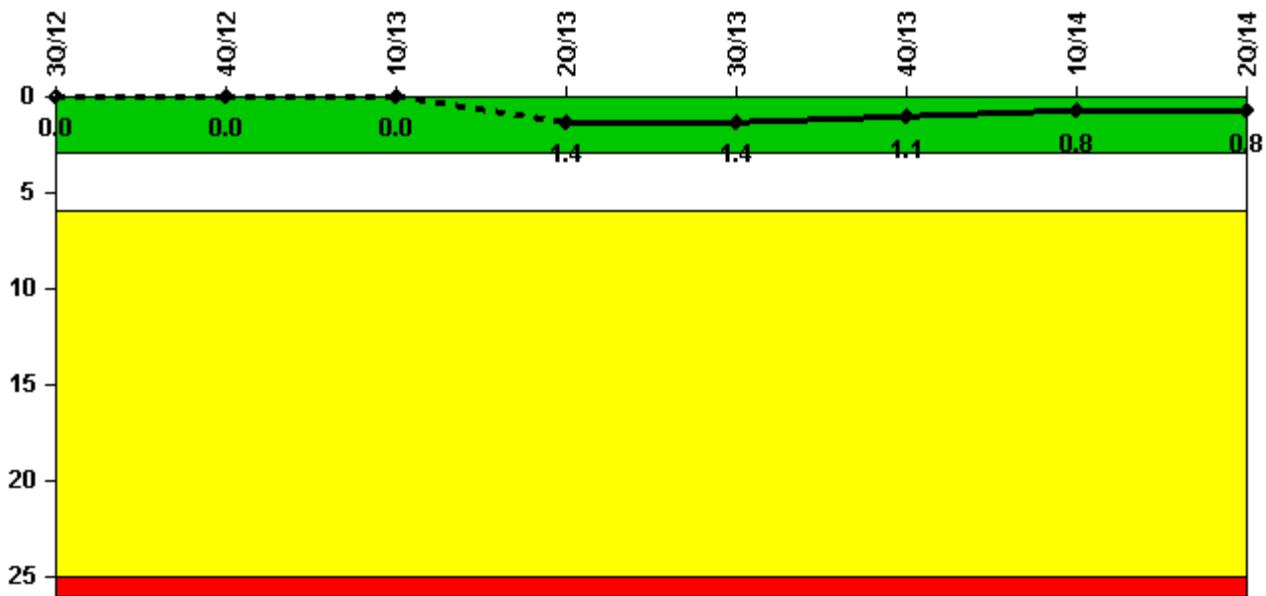
Turkey Point 4

2Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



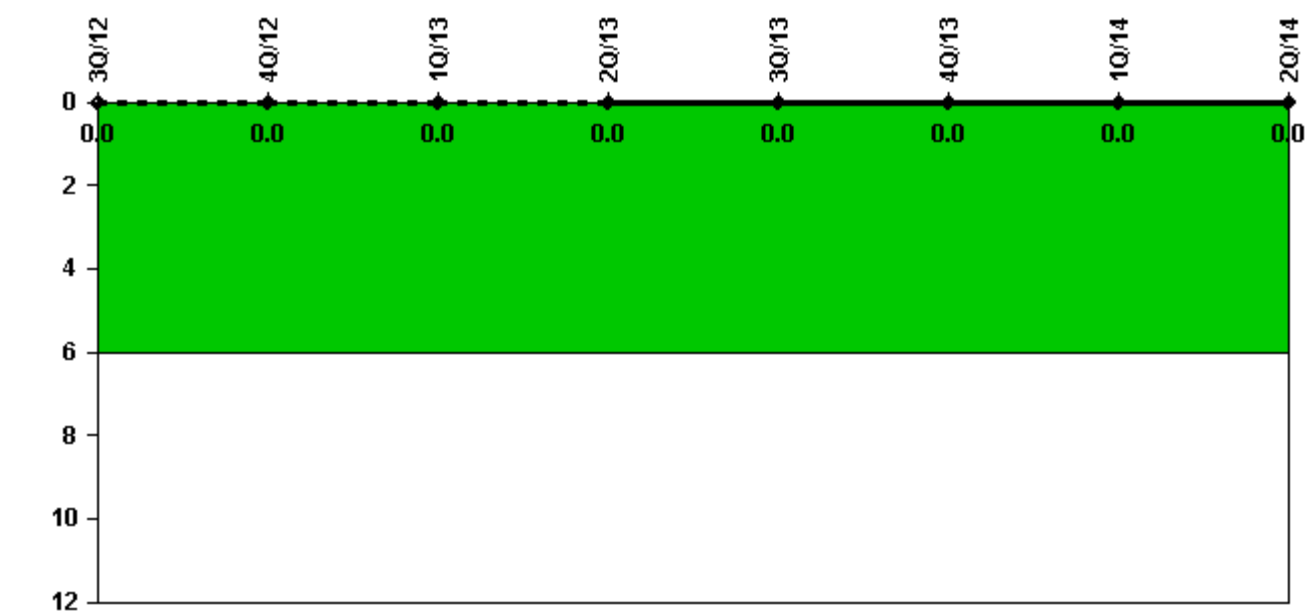
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Unplanned scrams	0	0	0	1.0	0	0	0	1.0
Critical hours	2208.0	841.0	0	2019.1	2208.0	2209.0	2159.0	2100.5
Indicator value	0	0	0	1.4	1.4	1.1	0.8	0.8

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



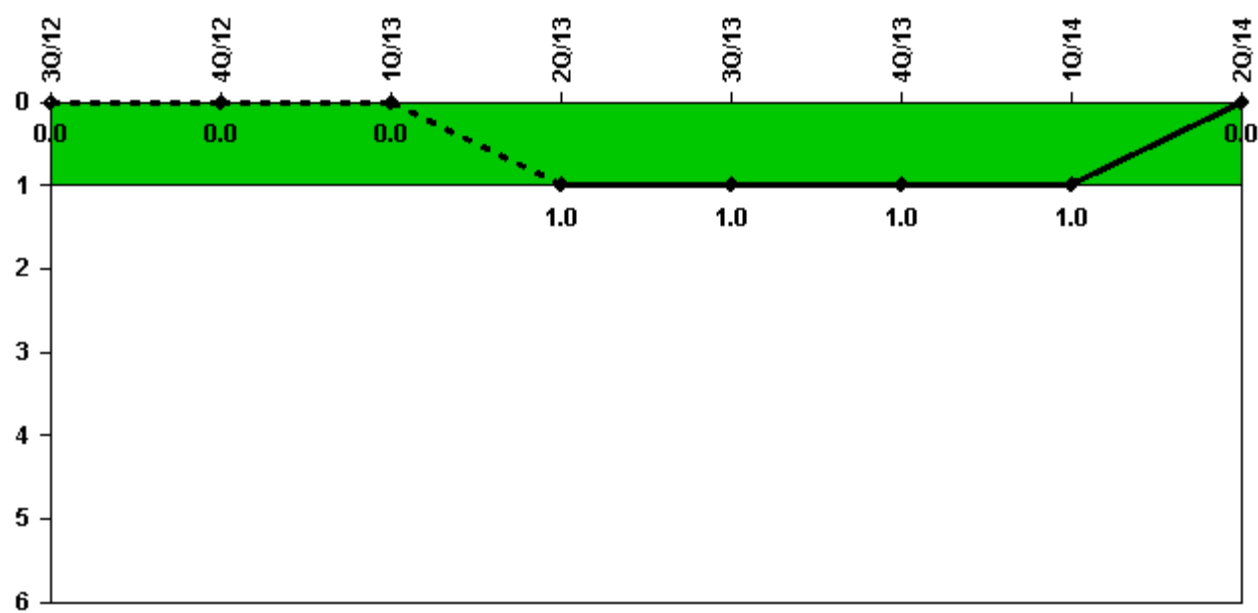
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2208.0	841.0	0	2019.1	2208.0	2209.0	2159.0	2100.5
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



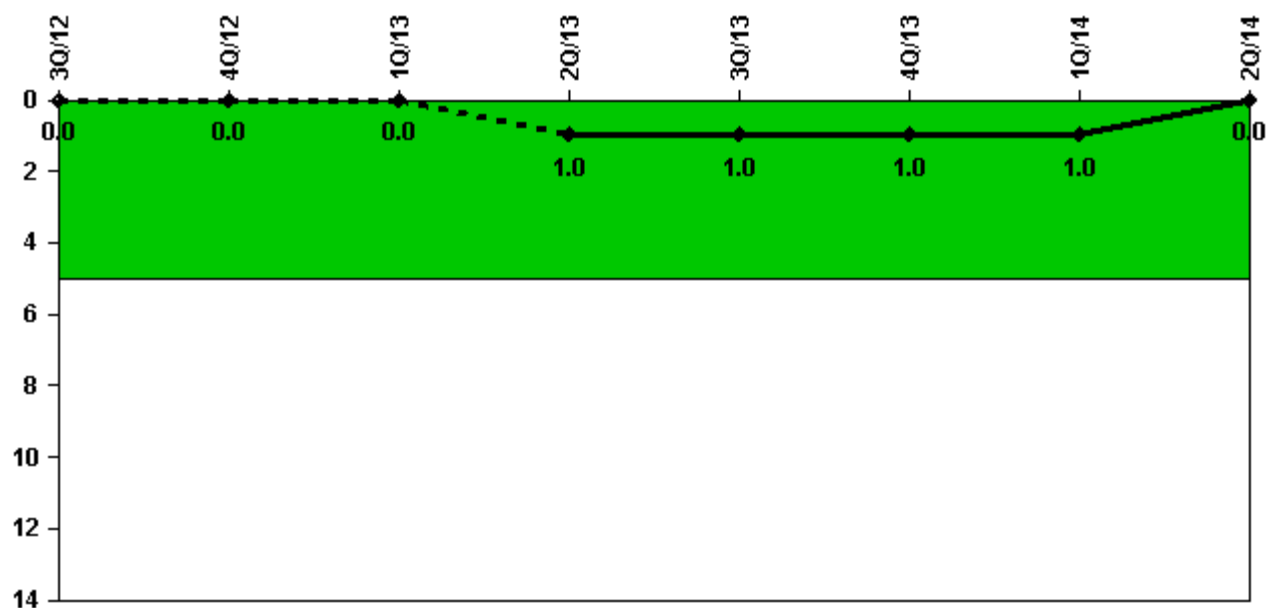
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
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

Licensee Comments: none

Safety System Functional Failures (PWR)



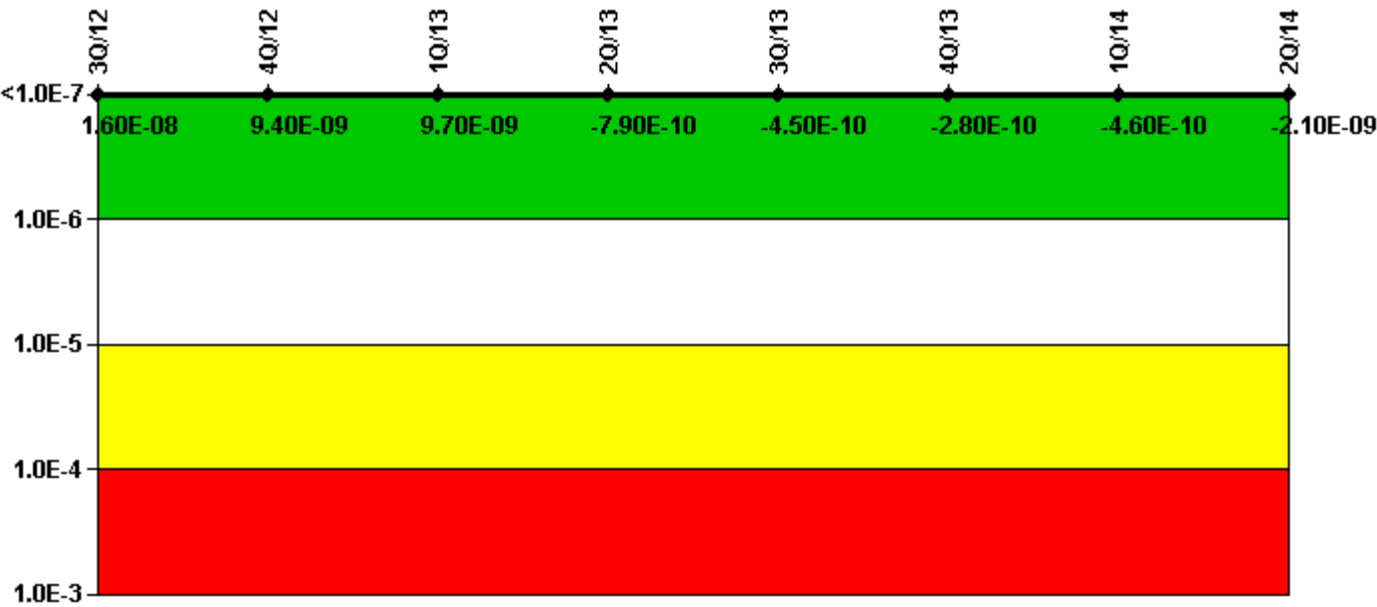
Thresholds: White > 5.0

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



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

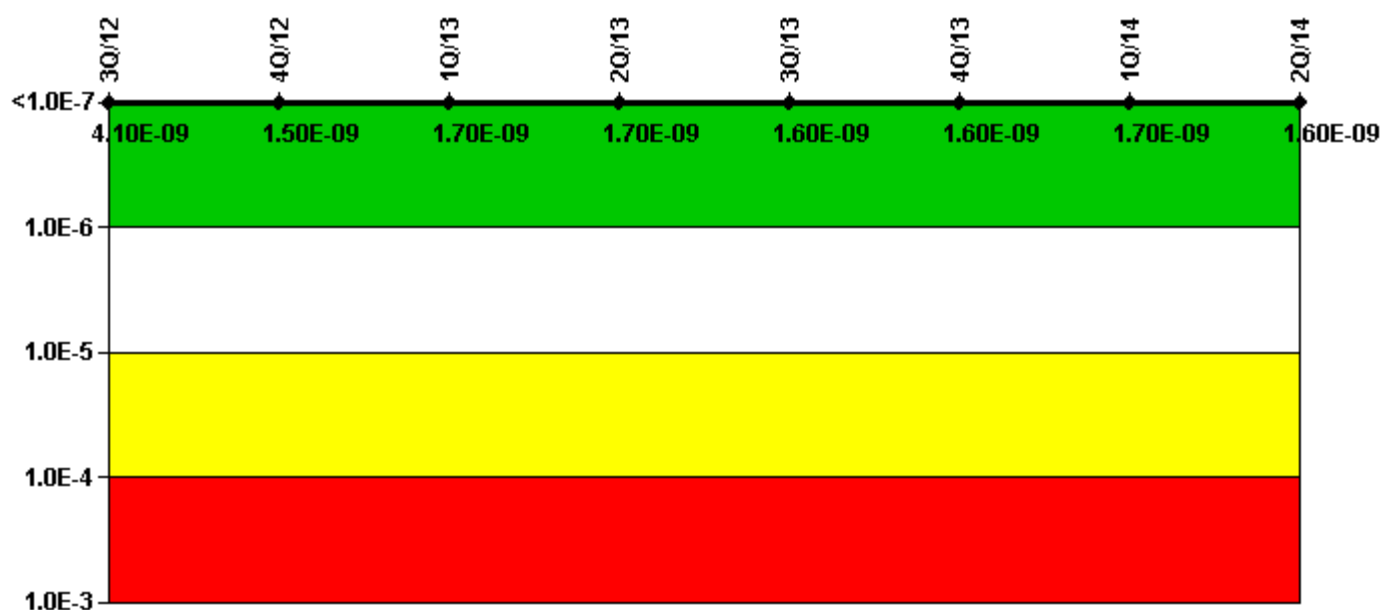
Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
UAI (ΔCDF)	1.18E-08	4.73E-09	5.35E-09	2.69E-09	3.18E-09	3.16E-09	2.88E-09	8.53E-10
URI (ΔCDF)	4.68E-09	4.71E-09	4.34E-09	-3.47E-09	-3.63E-09	-3.44E-09	-3.34E-09	-2.94E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.60E-08	9.40E-09	9.70E-09	-7.90E-10	-4.50E-10	-2.80E-10	-4.60E-10	-2.10E-09

Licensee Comments:

4Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, High Pressure Injection System



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

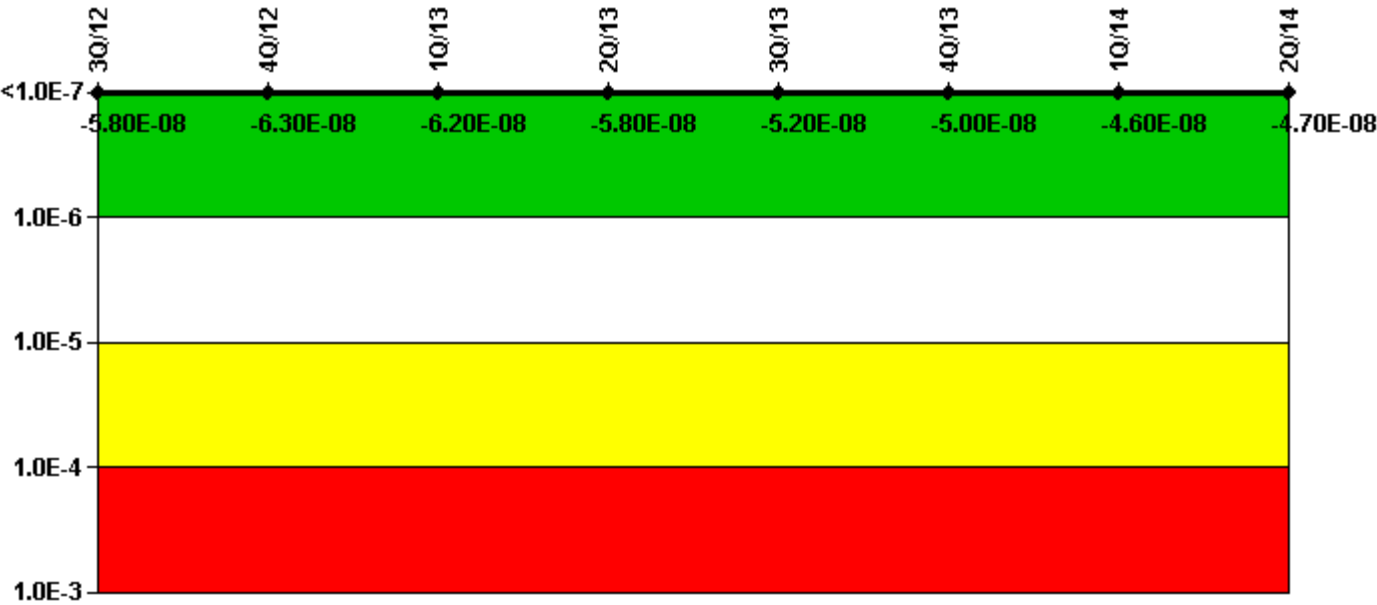
Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
UAI (ΔCDF)	5.99E-09	2.85E-09	3.12E-09	3.17E-09	3.14E-09	3.14E-09	3.38E-09	3.25E-09
URI (ΔCDF)	-1.93E-09	-1.36E-09	-1.41E-09	-1.45E-09	-1.50E-09	-1.59E-09	-1.63E-09	-1.67E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.10E-09	1.50E-09	1.70E-09	1.70E-09	1.60E-09	1.60E-09	1.70E-09	1.60E-09

Licensee Comments:

4Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



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

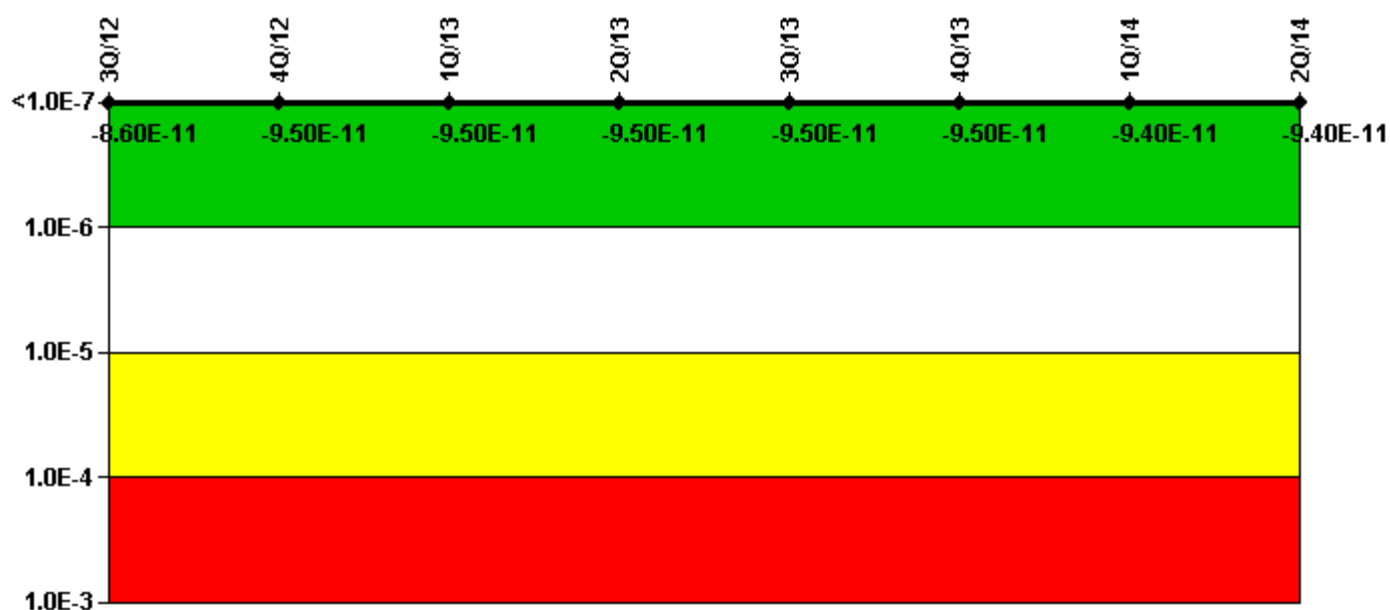
Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
UAI (ΔCDF)	2.74E-09	5.44E-09	6.62E-09	1.11E-08	1.66E-08	1.87E-08	2.33E-08	2.17E-08
URI (ΔCDF)	-6.11E-08	-6.83E-08	-6.88E-08	-6.89E-08	-6.89E-08	-6.88E-08	-6.88E-08	-6.88E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.80E-08	-6.30E-08	-6.20E-08	-5.80E-08	-5.20E-08	-5.00E-08	-4.60E-08	-4.70E-08

Licensee Comments:

4Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System



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

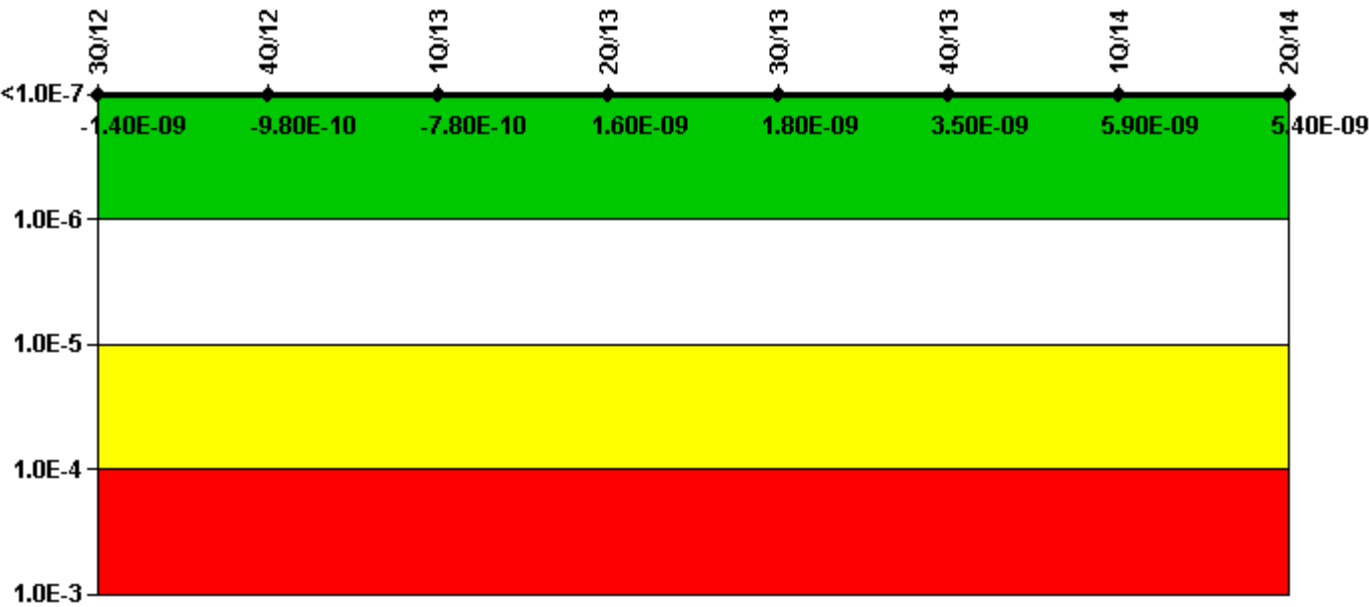
Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
UAI (Δ CDF)	-1.55E-11	-2.06E-11	-2.06E-11	-2.06E-11	-2.06E-11	-2.06E-11	-1.89E-11	-1.90E-11
URI (Δ CDF)	-7.01E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-8.60E-11	-9.50E-11	-9.50E-11	-9.50E-11	-9.50E-11	-9.50E-11	-9.40E-11	-9.40E-11

Licensee Comments:

4Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



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

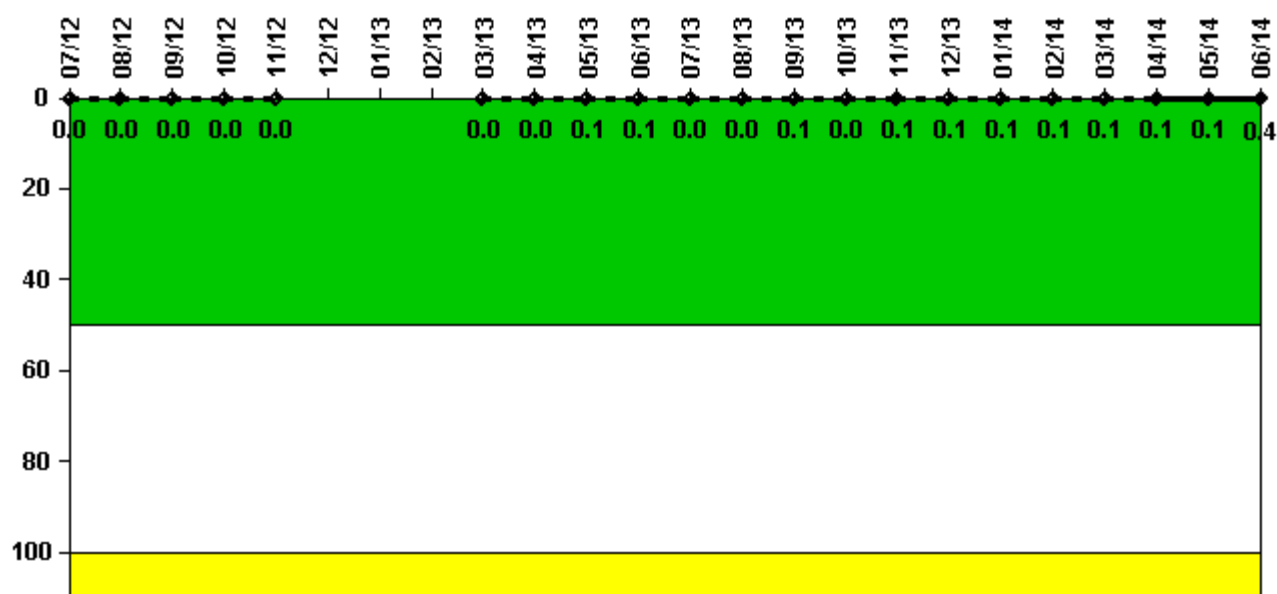
Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
UAI (ΔCDF)	2.21E-09	3.54E-09	3.73E-09	6.16E-09	6.35E-09	8.01E-09	1.04E-08	9.97E-09
URI (ΔCDF)	-3.58E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.40E-09	-9.80E-10	-7.80E-10	1.60E-09	1.80E-09	3.50E-09	5.90E-09	5.40E-09

Licensee Comments:

4Q/12: Changed PRA Parameter(s).

Reactor Coolant System Activity



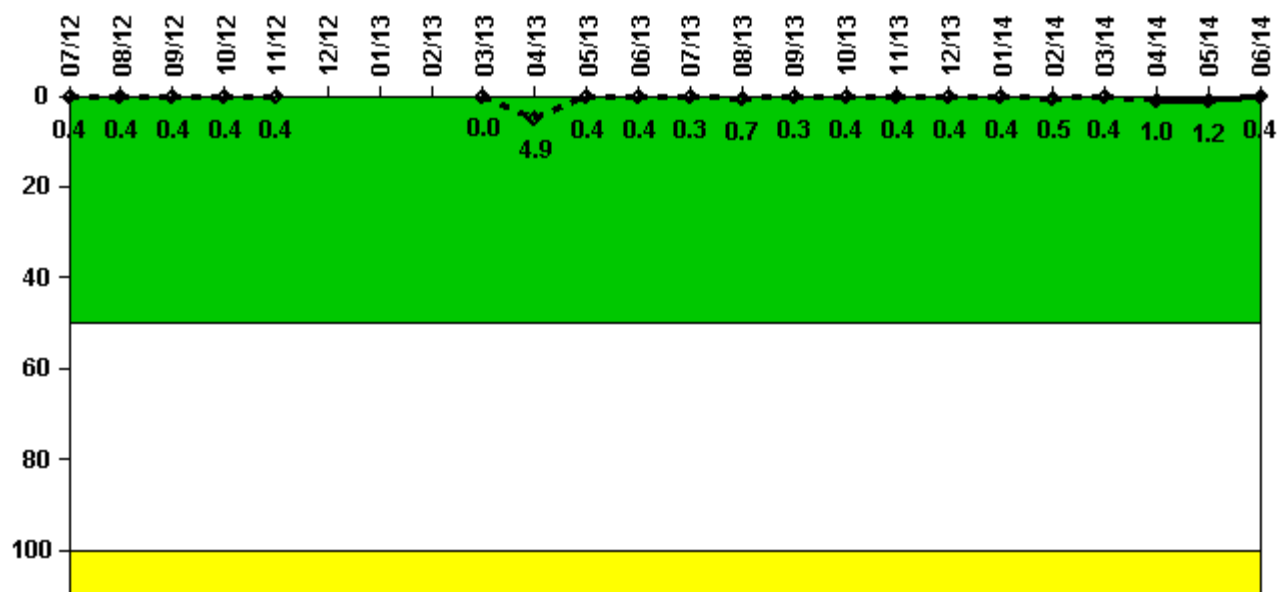
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity		7/12	8/12	9/12	10/12	11/12	12/12	1/13	2/13	3/13	4/13	5/13	6/13
Maximum activity		0.000380	0.000360	0.000370	0.000400	0.000370	N/A	N/A	N/A	0.000006	0.000030	0.000180	0.000200
Technical specification limit		1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.3	0.3	0.3	0.3	0.3
Indicator value		0	0	0	0	0	N/A	N/A	N/A	0	0	0.1	0.1
Reactor Coolant System Activity		7/13	8/13	9/13	10/13	11/13	12/13	1/14	2/14	3/14	4/14	5/14	6/14
Maximum activity		0.000100	0.000100	0.000240	0.000100	0.000200	0.000210	0.000200	0.000280	0.000180	0.000350	0.000220	0.000980
Technical specification limit		0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Indicator value		0	0	0.1	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.4

Licensee Comments: none

Reactor Coolant System Leakage



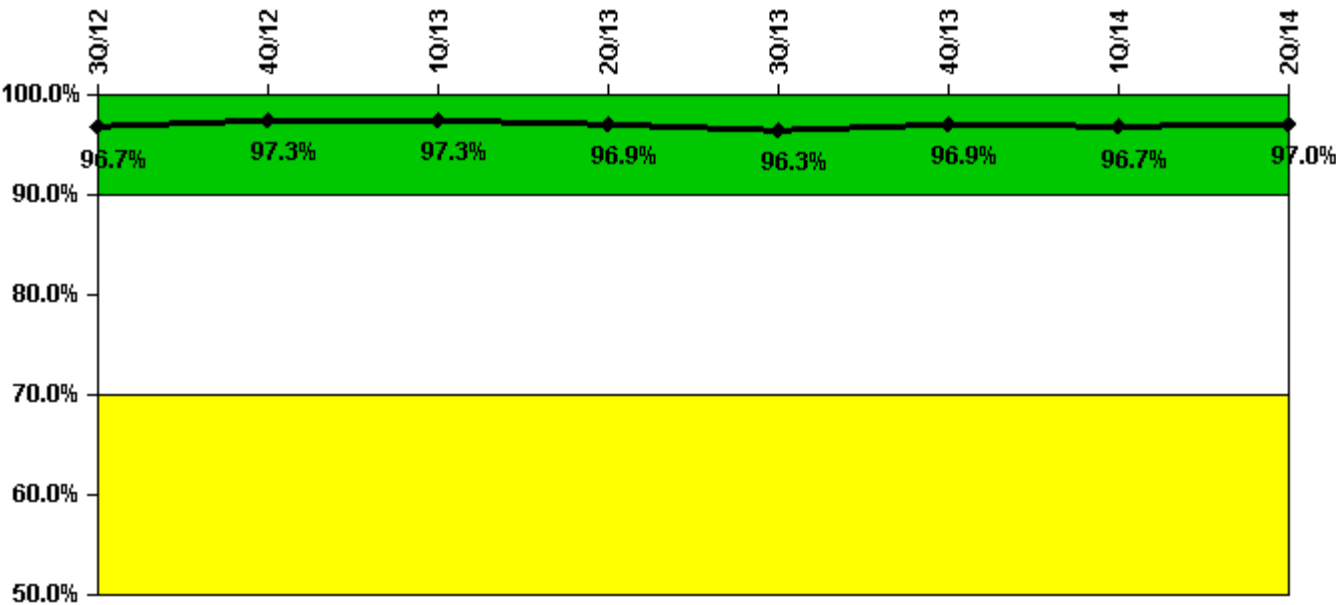
Thresholds: White > 50.0 Yellow > 100.0

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	0.040	0.040	0.040	0.040	0.040	N/A	N/A	N/A	0	0.490	0.040	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.4	0.4	0.4	0.4	N/A	N/A	N/A	0	4.9	0.4	0.4
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	0.030	0.070	0.030	0.040	0.040	0.040	0.040	0.050	0.040	0.100	0.120	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	0.3	0.7	0.3	0.4	0.4	0.4	0.4	0.5	0.4	1.0	1.2	0.4

Licensee Comments: none

Drill/Exercise Performance



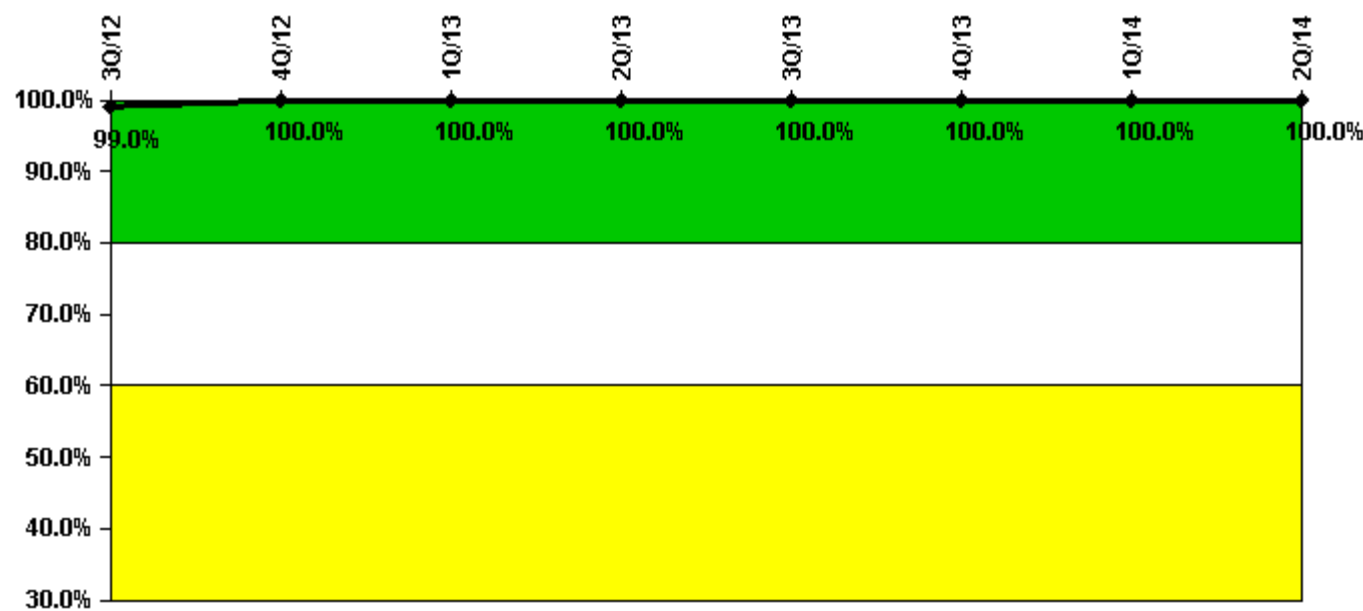
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Successful opportunities	35.0	55.0	10.0	38.0	33.0	37.0	36.0	12.0
Total opportunities	38.0	55.0	10.0	40.0	35.0	37.0	37.0	12.0
Indicator value	96.7%	97.3%	97.3%	96.9%	96.3%	96.9%	96.7%	97.0%

Licensee Comments: none

ERO Drill Participation



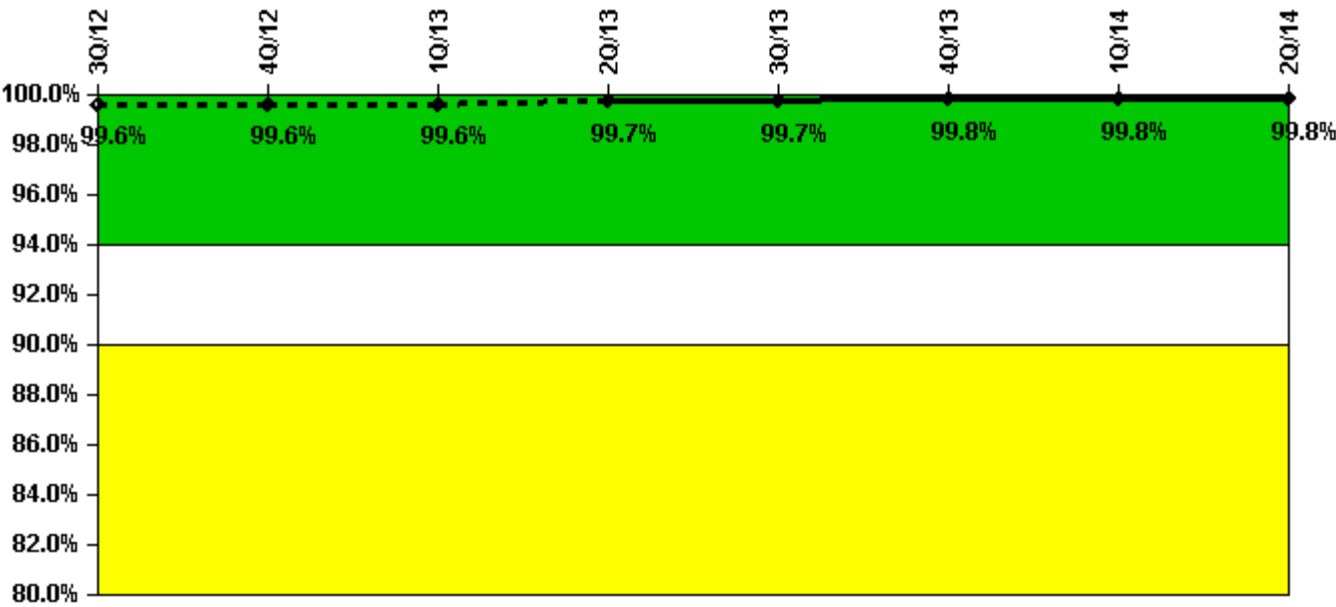
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Participating Key personnel	98.0	103.0	97.0	106.0	106.0	111.0	112.0	105.0
Total Key personnel	99.0	103.0	97.0	106.0	106.0	111.0	112.0	105.0
Indicator value	99.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



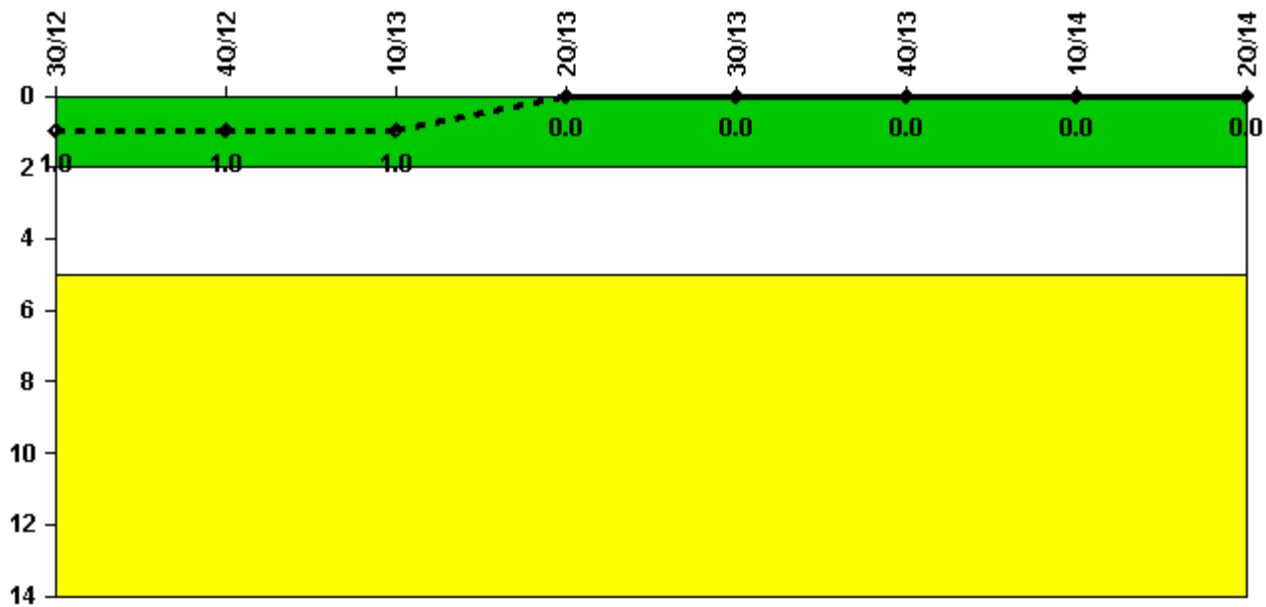
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Successful siren-tests	374	328	375	329	374	376	328	329
Total sirens-tests	376	329	376	329	376	376	329	329
Indicator value	99.6%	99.6%	99.6%	99.7%	99.7%	99.8%	99.8%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness

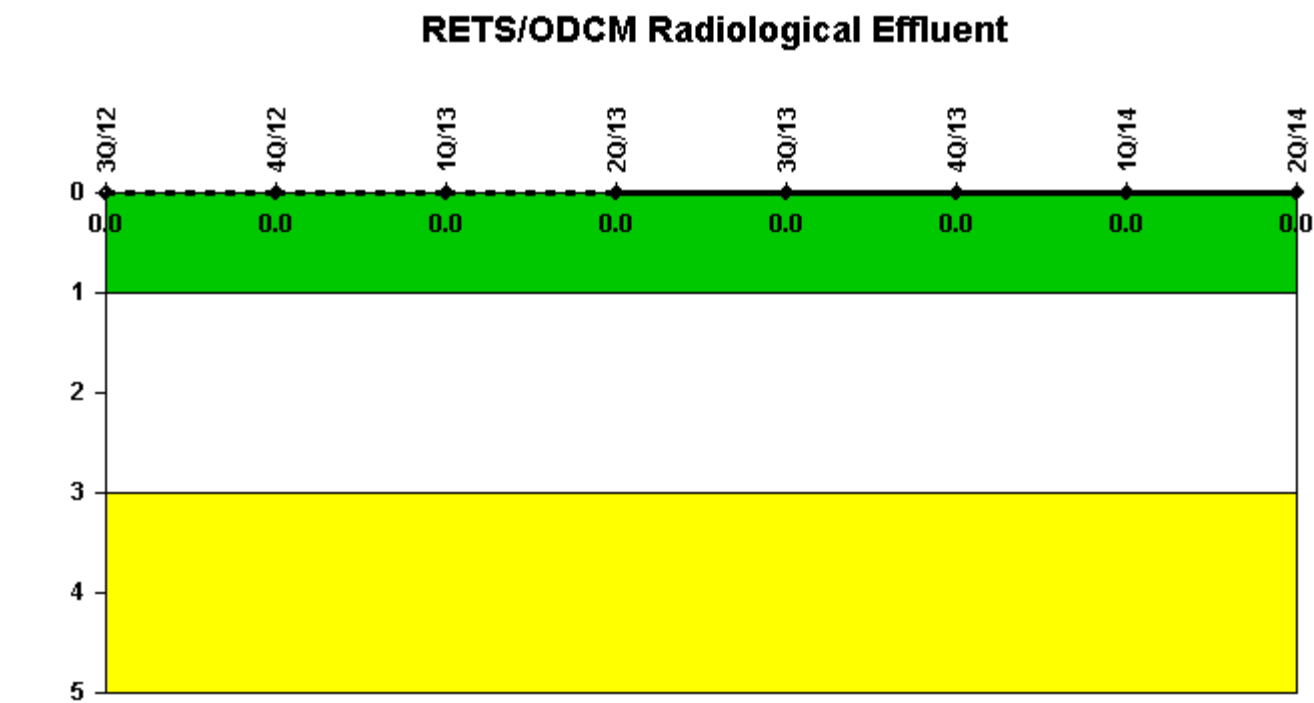


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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	1	1	1	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

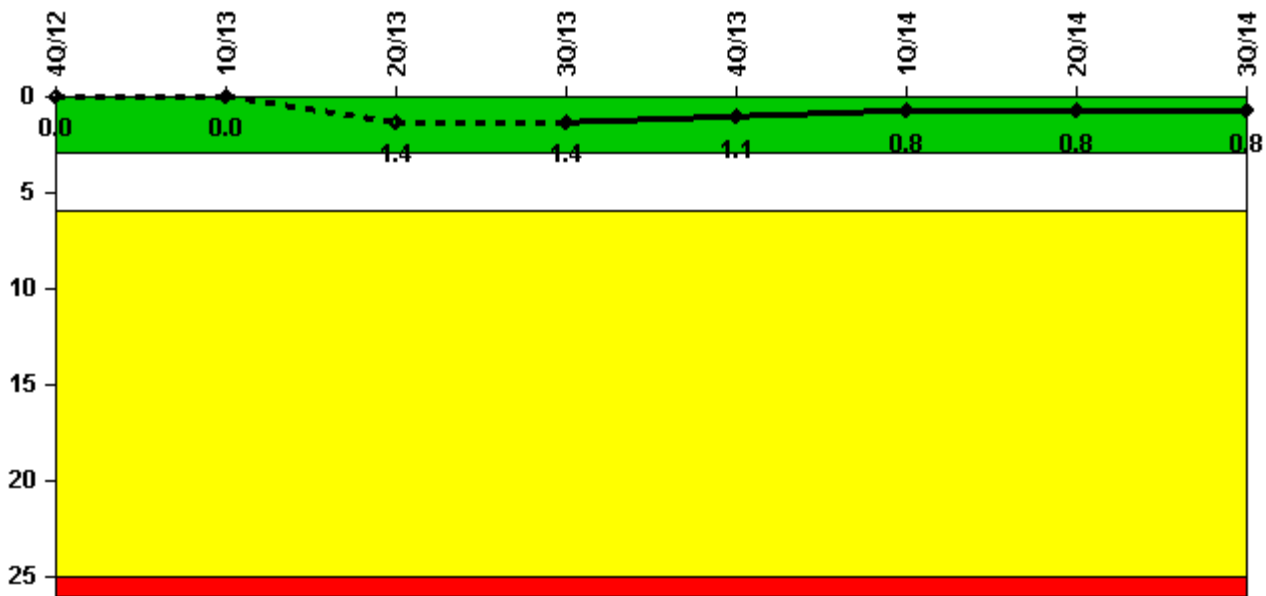
Turkey Point 4

3Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



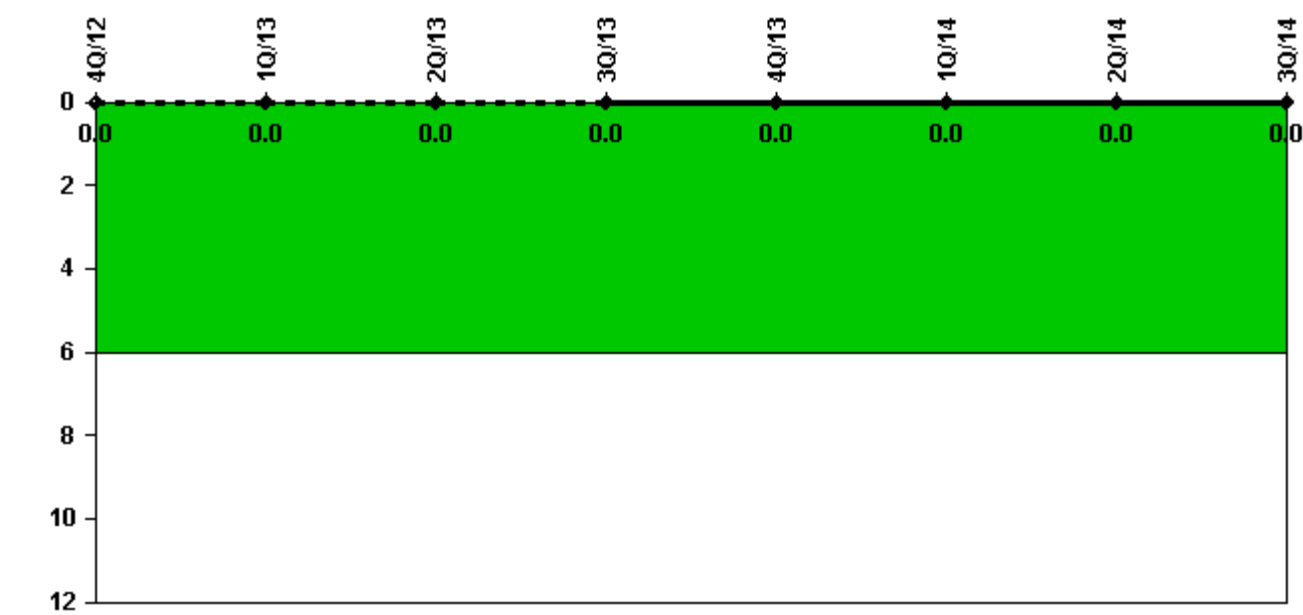
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0
Critical hours	841.0	0	2019.1	2208.0	2209.0	2159.0	2100.5	1992.0
Indicator value	0	0	1.4	1.4	1.1	0.8	0.8	0.8

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



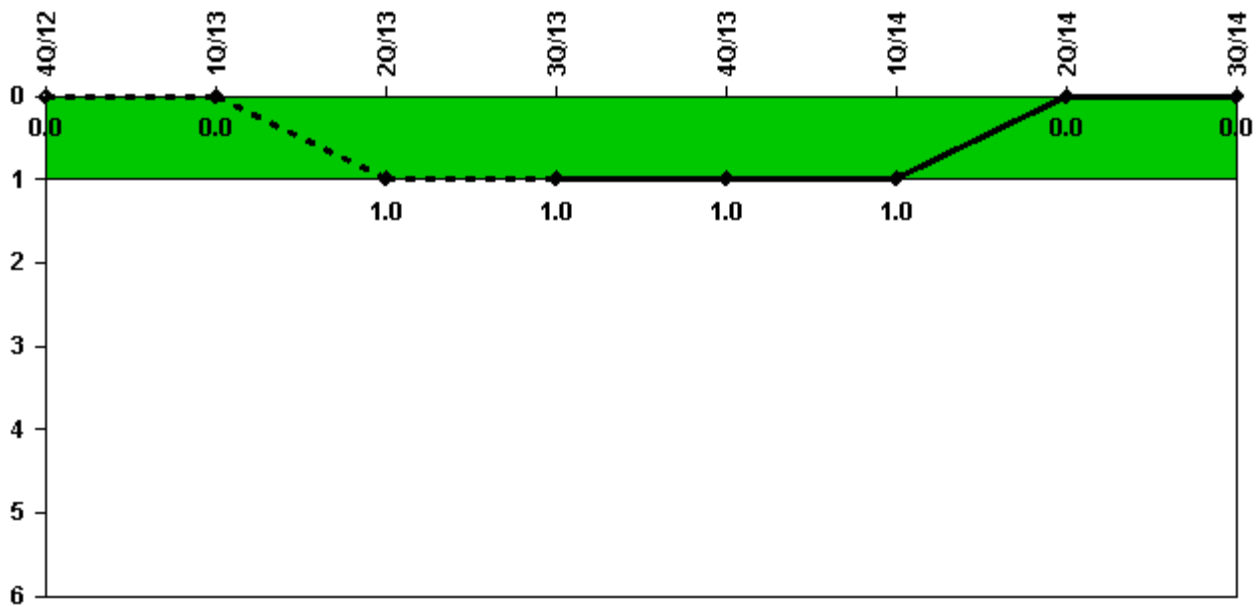
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	841.0	0	2019.1	2208.0	2209.0	2159.0	2100.5	1992.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



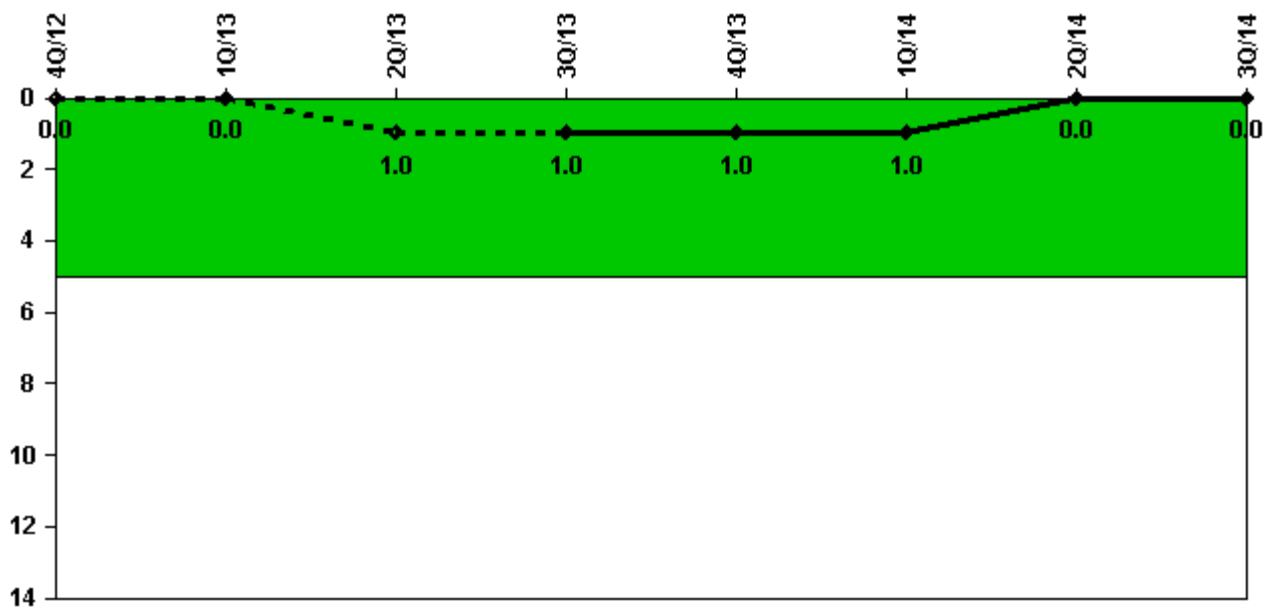
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Scrams with complications	0	0	1.0	0	0	0	0	0
Indicator value	0.0	0.0	1.0	1.0	1.0	1.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



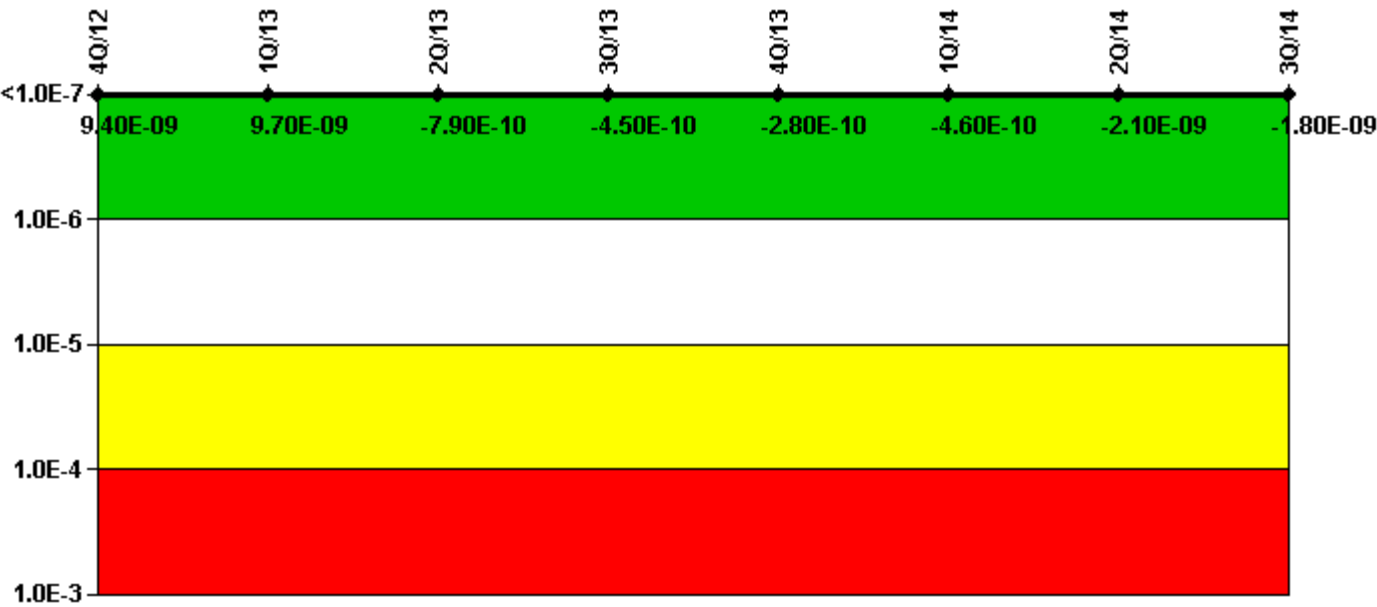
Thresholds: White > 5.0

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



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

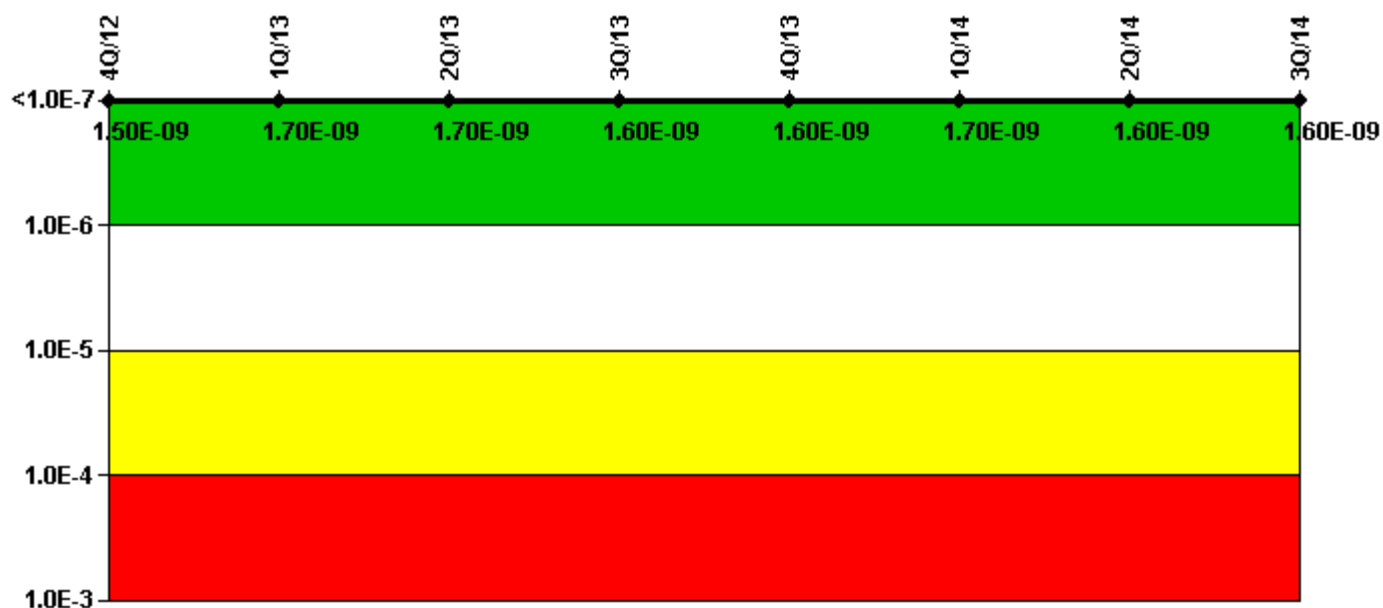
Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
UAI (ΔCDF)	4.73E-09	5.35E-09	2.69E-09	3.18E-09	3.16E-09	2.88E-09	8.53E-10	8.21E-10
URI (ΔCDF)	4.71E-09	4.34E-09	-3.47E-09	-3.63E-09	-3.44E-09	-3.34E-09	-2.94E-09	-2.58E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	9.40E-09	9.70E-09	-7.90E-10	-4.50E-10	-2.80E-10	-4.60E-10	-2.10E-09	-1.80E-09

Licensee Comments:

4Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, High Pressure Injection System



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

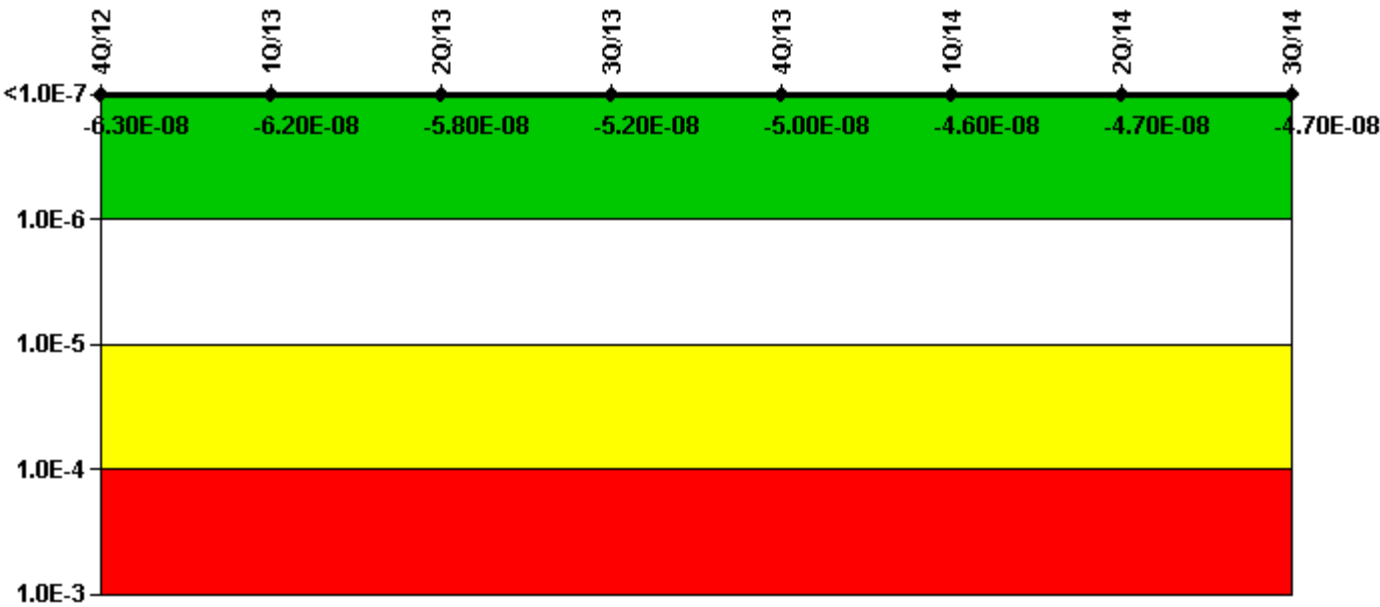
Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
UAI (ΔCDF)	2.85E-09	3.12E-09	3.17E-09	3.14E-09	3.14E-09	3.38E-09	3.25E-09	3.31E-09
URI (ΔCDF)	-1.36E-09	-1.41E-09	-1.45E-09	-1.50E-09	-1.59E-09	-1.63E-09	-1.67E-09	-1.72E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.50E-09	1.70E-09	1.70E-09	1.60E-09	1.60E-09	1.70E-09	1.60E-09	1.60E-09

Licensee Comments:

4Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



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

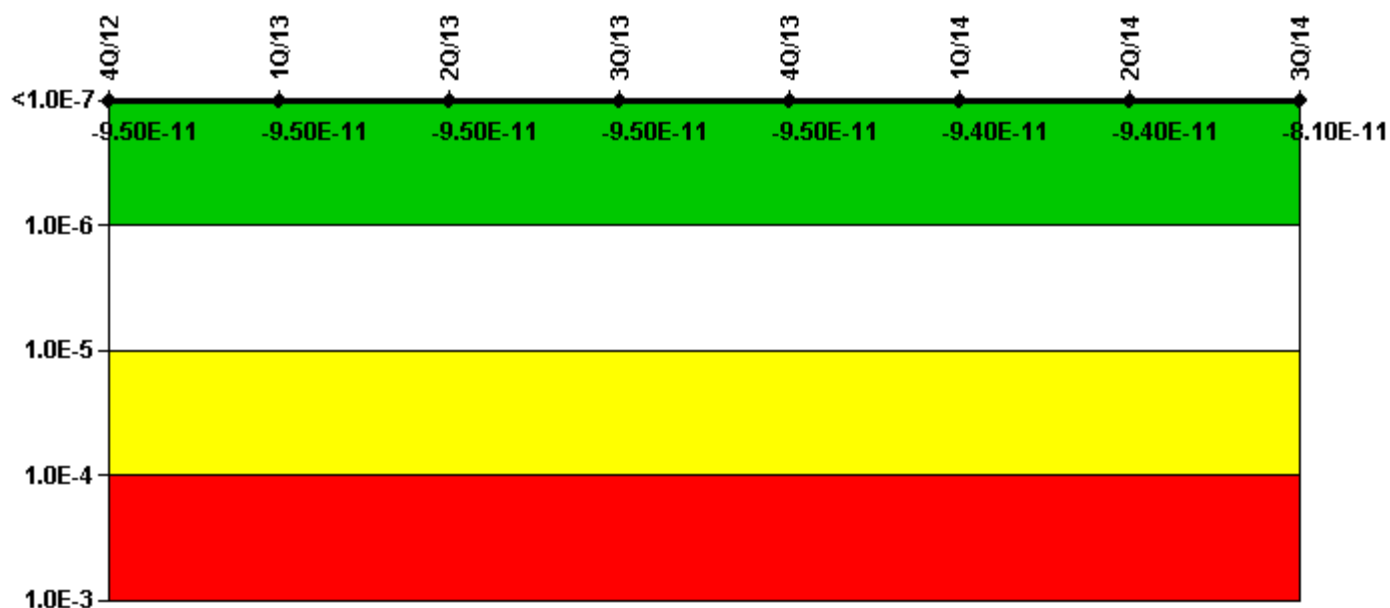
Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
UAI (ΔCDF)	5.44E-09	6.62E-09	1.11E-08	1.66E-08	1.87E-08	2.33E-08	2.17E-08	2.16E-08
URI (ΔCDF)	-6.83E-08	-6.88E-08	-6.89E-08	-6.89E-08	-6.88E-08	-6.88E-08	-6.88E-08	-6.88E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.30E-08	-6.20E-08	-5.80E-08	-5.20E-08	-5.00E-08	-4.60E-08	-4.70E-08	-4.70E-08

Licensee Comments:

4Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System



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

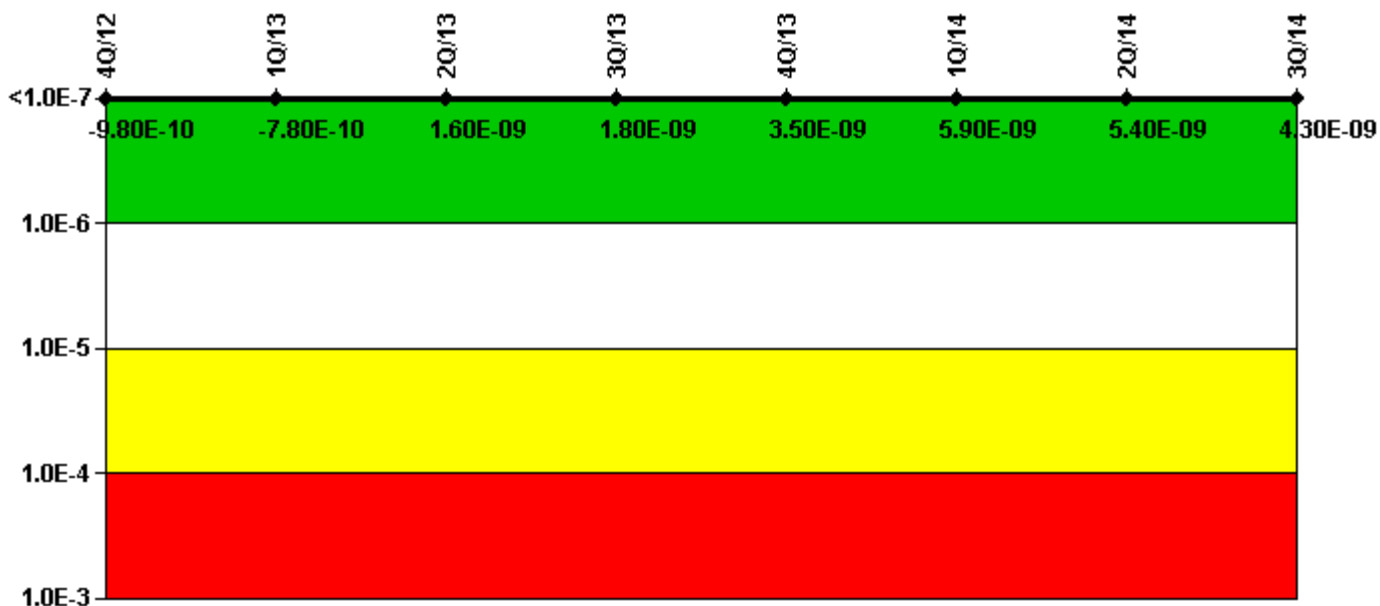
Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
UAI (Δ CDF)	-2.06E-11	-2.06E-11	-2.06E-11	-2.06E-11	-2.06E-11	-1.89E-11	-1.90E-11	-5.95E-12
URI (Δ CDF)	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-9.50E-11	-9.50E-11	-9.50E-11	-9.50E-11	-9.50E-11	-9.40E-11	-9.40E-11	-8.10E-11

Licensee Comments:

4Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



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

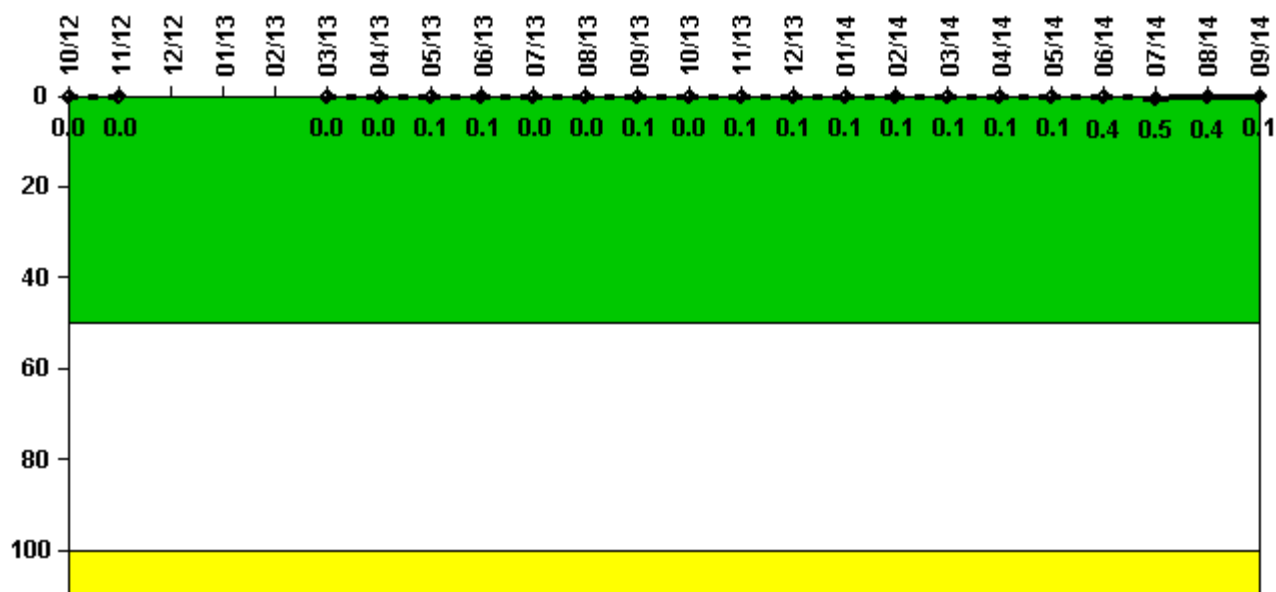
Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
UAI (ΔCDF)	3.54E-09	3.73E-09	6.16E-09	6.35E-09	8.01E-09	1.04E-08	9.97E-09	8.79E-09
URI (ΔCDF)	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-9.80E-10	-7.80E-10	1.60E-09	1.80E-09	3.50E-09	5.90E-09	5.40E-09	4.30E-09

Licensee Comments:

4Q/12: Changed PRA Parameter(s).

Reactor Coolant System Activity



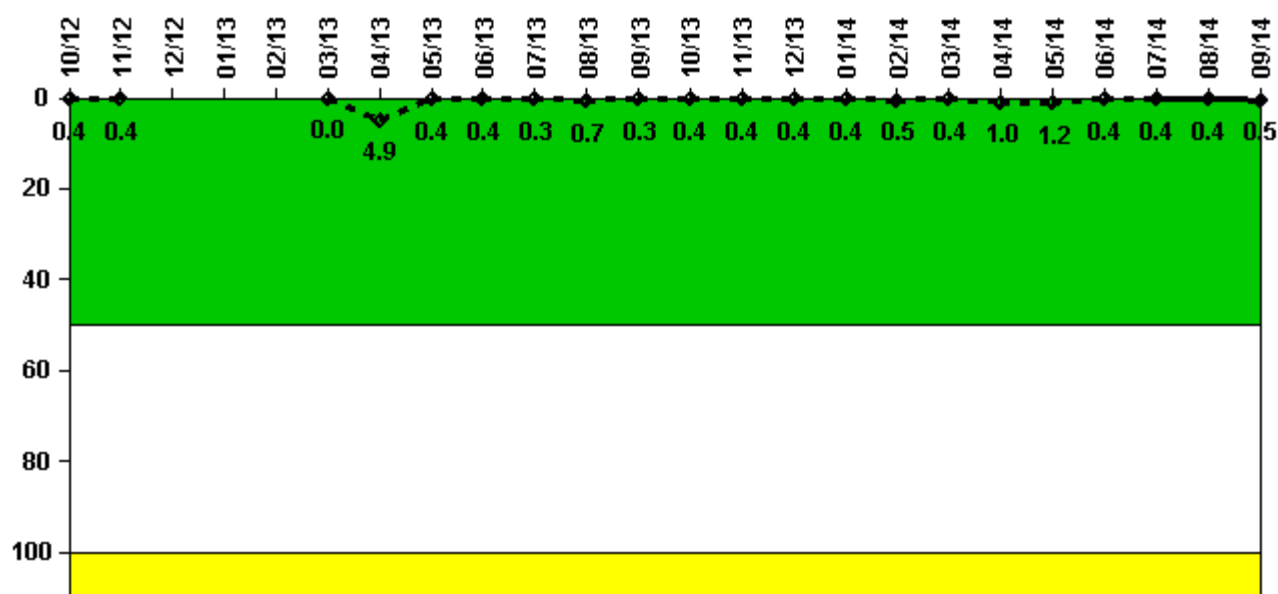
Thresholds: White > 50.0 Yellow > 100.0

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		0.000400	0.000370	N/A	N/A	N/A	0.000006	0.000030	0.000180	0.000200	0.000100	0.000100	0.000240
Technical specification limit		1.0	1.0	1.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Indicator value		0	0	N/A	N/A	N/A	0	0	0.1	0.1	0	0	0.1
Reactor Coolant System Activity		10/13	11/13	12/13	1/14	2/14	3/14	4/14	5/14	6/14	7/14	8/14	9/14
Maximum activity		0.000100	0.000200	0.000210	0.000200	0.000280	0.000180	0.000350	0.000220	0.000980	0.001300	0.000950	0.000190
Technical specification limit		0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Indicator value		0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.4	0.5	0.4	0.1

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

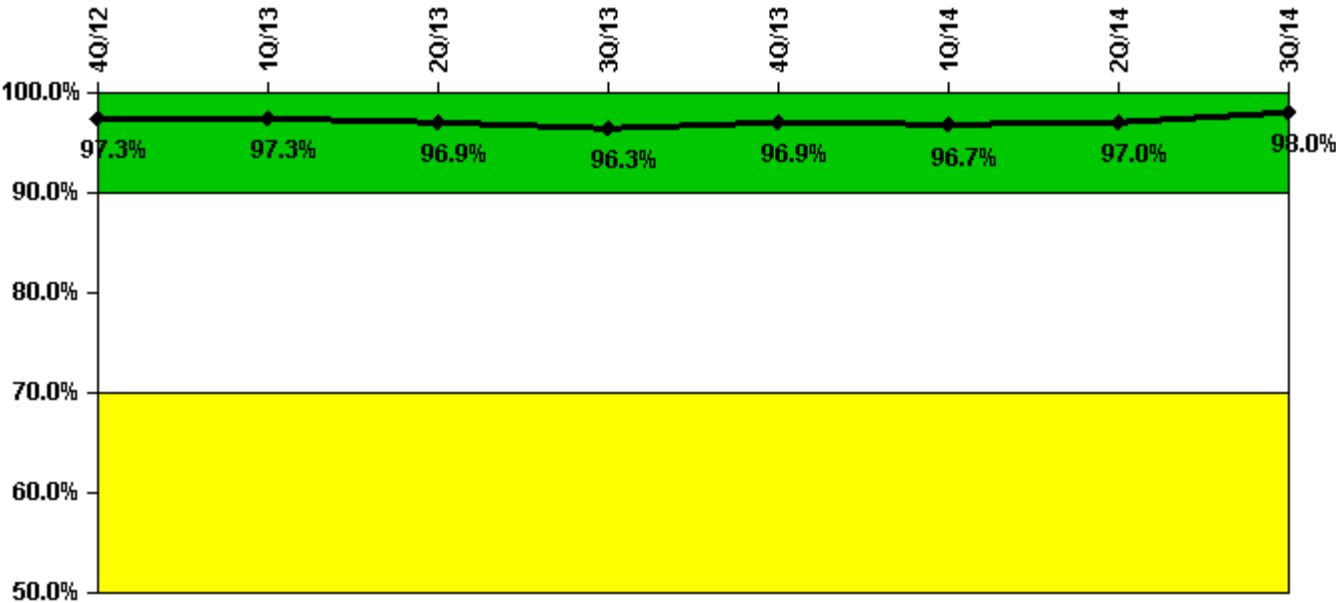
Notes

Reactor Coolant System Leakage	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	0.040	0.040	N/A	N/A	N/A	0	0.490	0.040	0.040	0.030	0.070	0.030
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.4	N/A	N/A	N/A	0	4.9	0.4	0.4	0.3	0.7	0.3

Reactor Coolant System Leakage	10/13	11/13	12/13	1/14	2/14	3/14	4/14	5/14	6/14	7/14	8/14	9/14
Maximum leakage	0.040	0.040	0.040	0.040	0.050	0.040	0.100	0.120	0.040	0.040	0.040	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	0.4	0.4	0.4	0.4	0.5	0.4	1.0	1.2	0.4	0.4	0.4	0.5

Licensee Comments: none

Drill/Exercise Performance



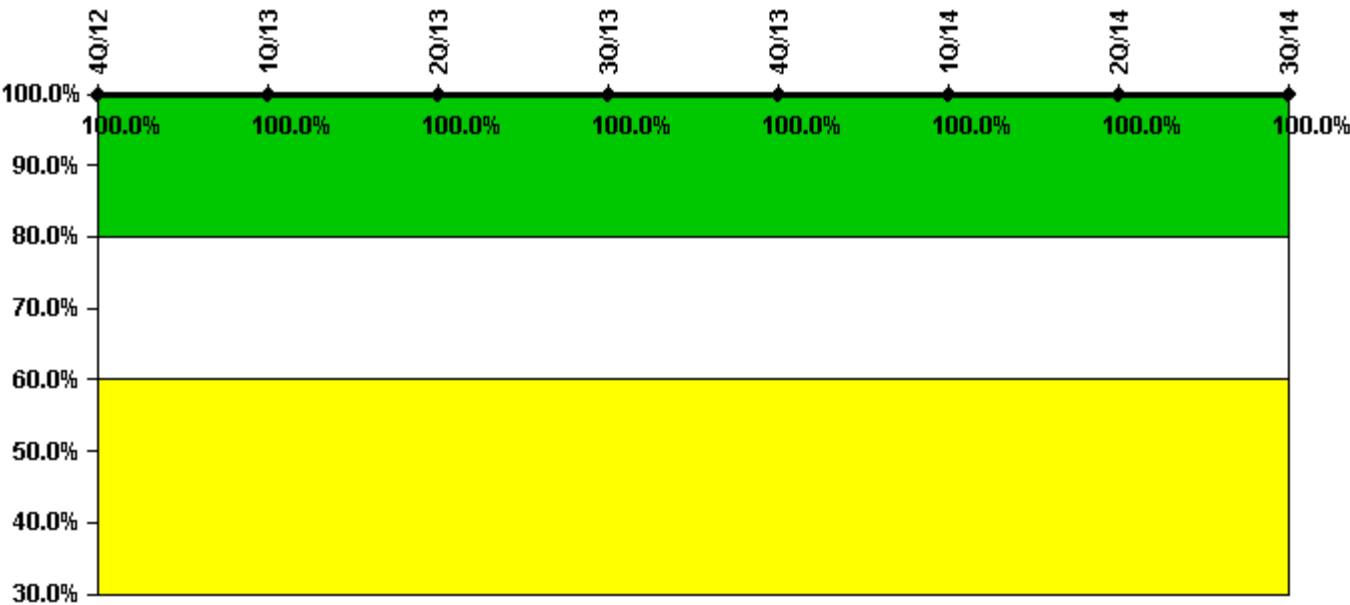
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Successful opportunities	55.0	10.0	38.0	33.0	37.0	36.0	12.0	19.0
Total opportunities	55.0	10.0	40.0	35.0	37.0	37.0	12.0	19.0
Indicator value	97.3%	97.3%	96.9%	96.3%	96.9%	96.7%	97.0%	98.0%

Licensee Comments: none

ERO Drill Participation



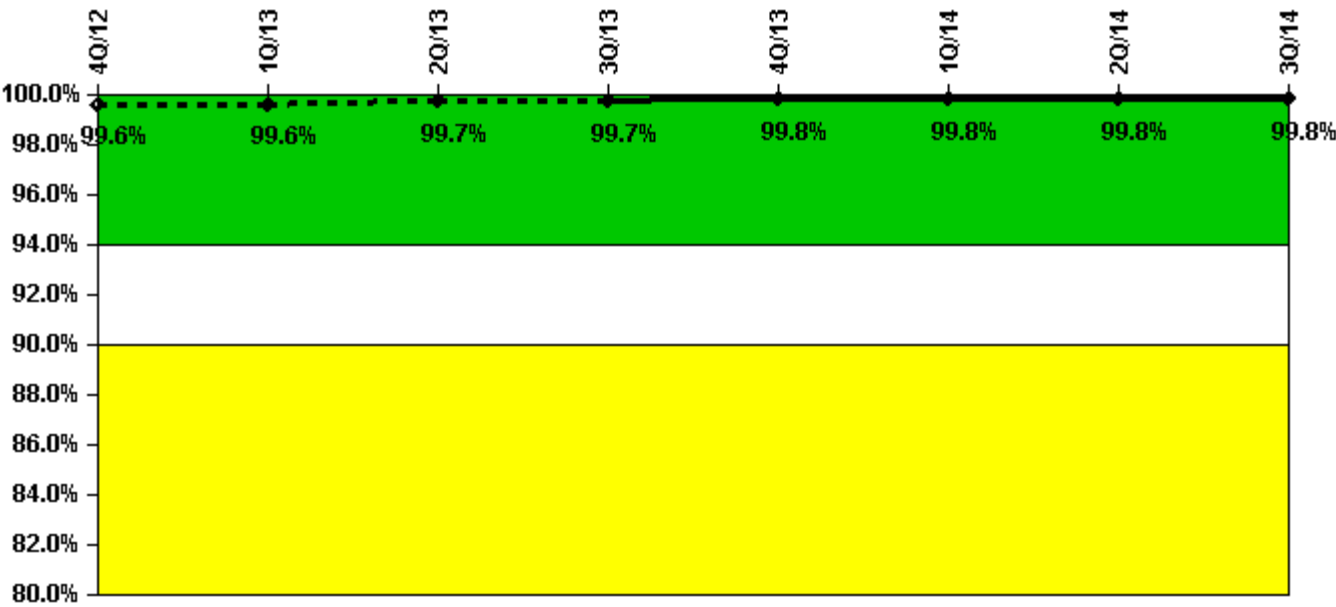
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Participating Key personnel	103.0	97.0	106.0	106.0	111.0	112.0	105.0	99.0
Total Key personnel	103.0	97.0	106.0	106.0	111.0	112.0	105.0	99.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



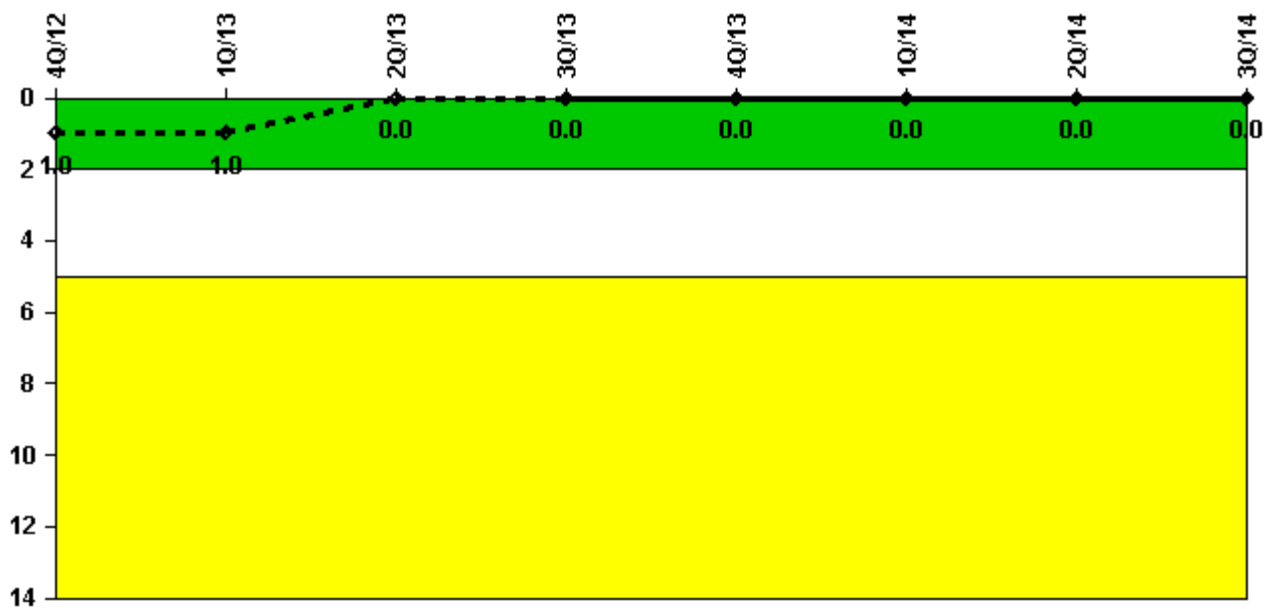
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Successful siren-tests	328	375	329	374	376	328	329	374
Total sirens-tests	329	376	329	376	376	329	329	376
Indicator value	99.6%	99.6%	99.7%	99.7%	99.8%	99.8%	99.8%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness

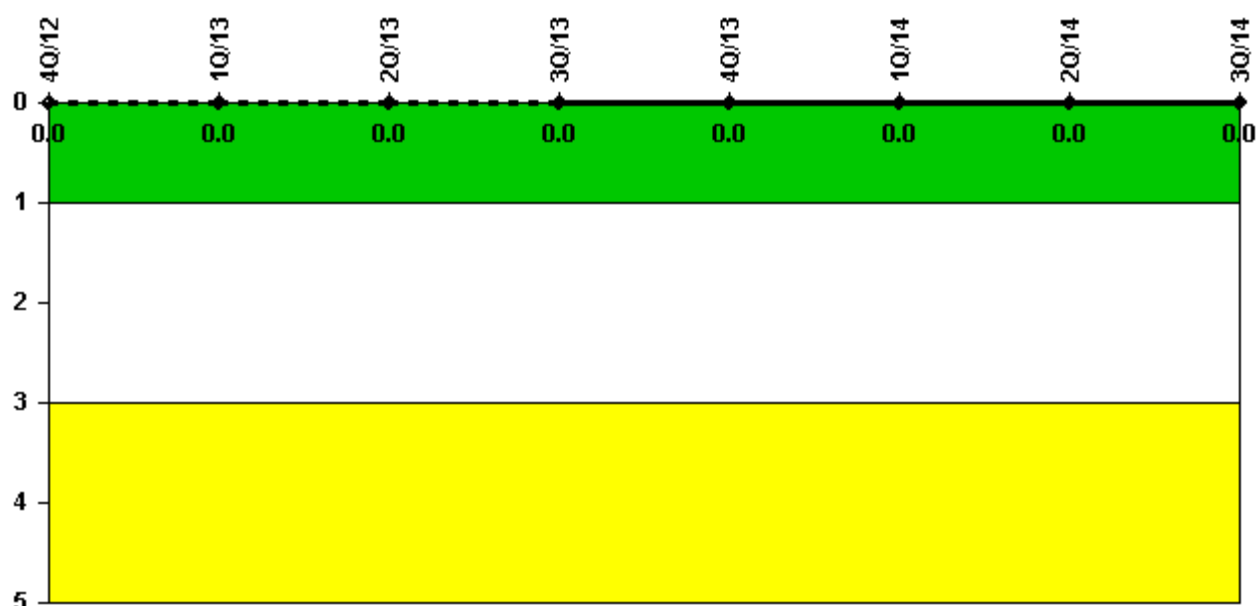


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/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	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	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

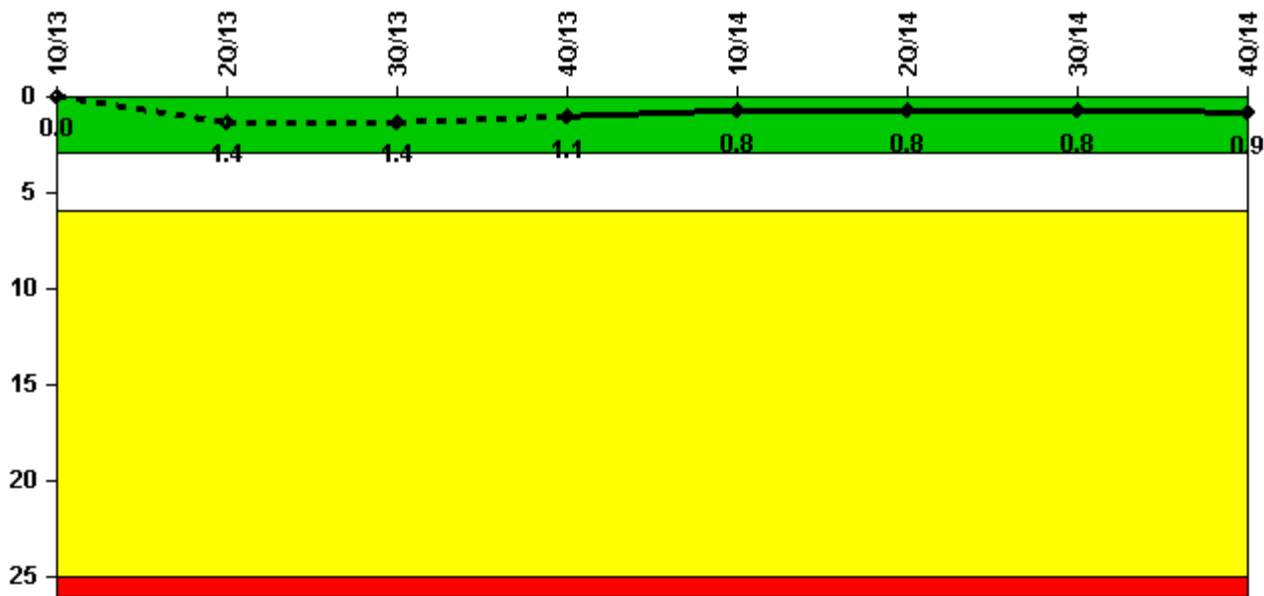
Turkey Point 4

4Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



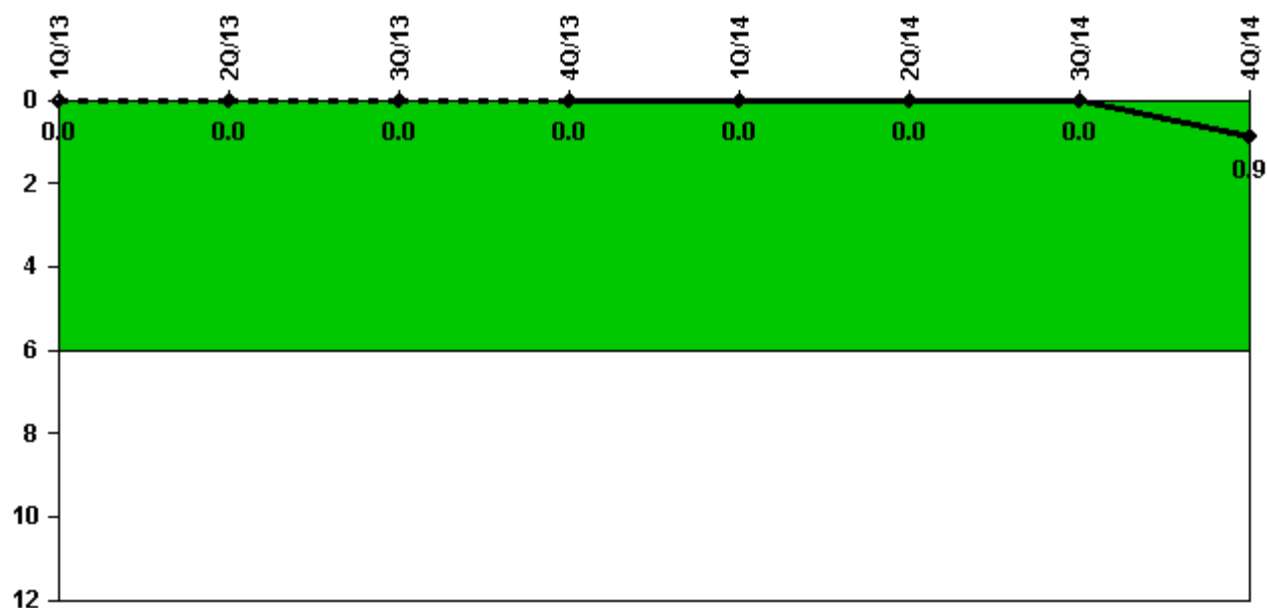
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0
Critical hours	0	2019.1	2208.0	2209.0	2159.0	2100.5	1992.0	1644.9
Indicator value	0	1.4	1.4	1.1	0.8	0.8	0.8	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



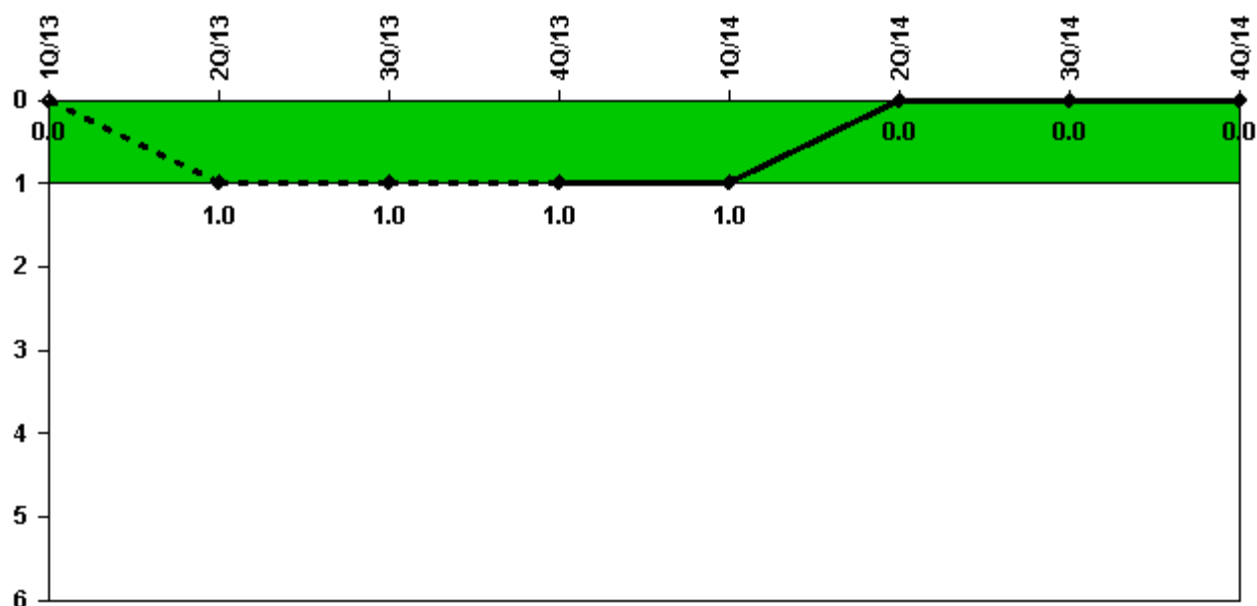
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Unplanned power changes	0	0	0	0	0	0	0	1.0
Critical hours	0	2019.1	2208.0	2209.0	2159.0	2100.5	1992.0	1644.9
Indicator value	0	0	0	0	0	0	0	0.9

Licensee Comments: none

Unplanned Scrams with Complications



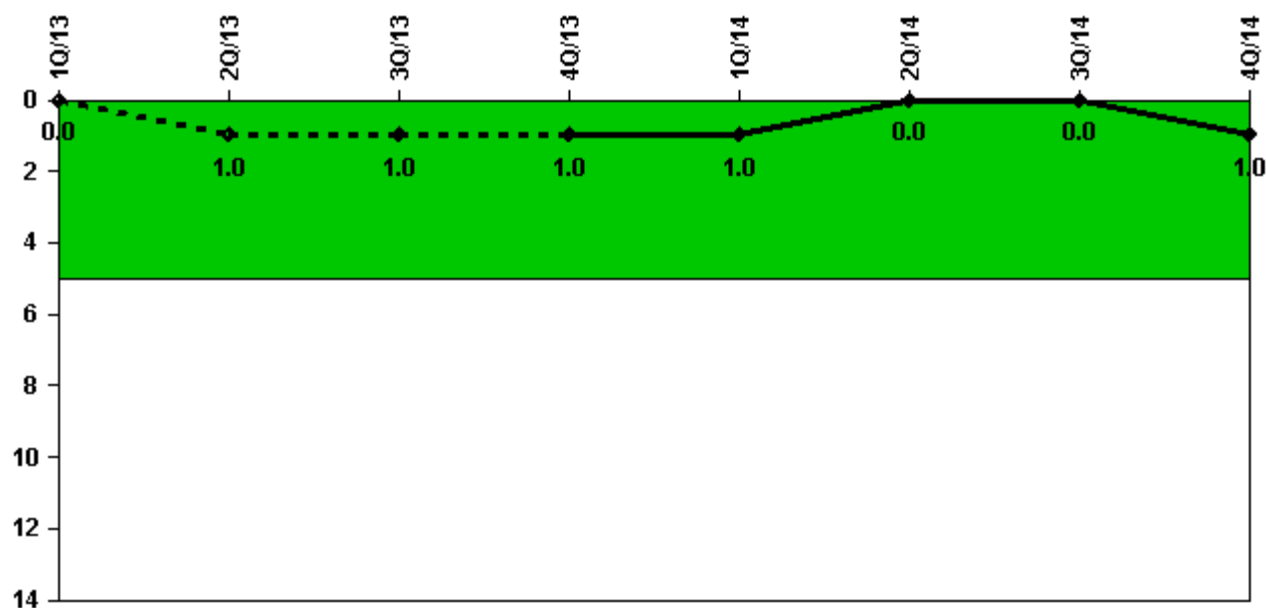
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Scrums with complications	0	1.0	0	0	0	0	0	0
Indicator value	0.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



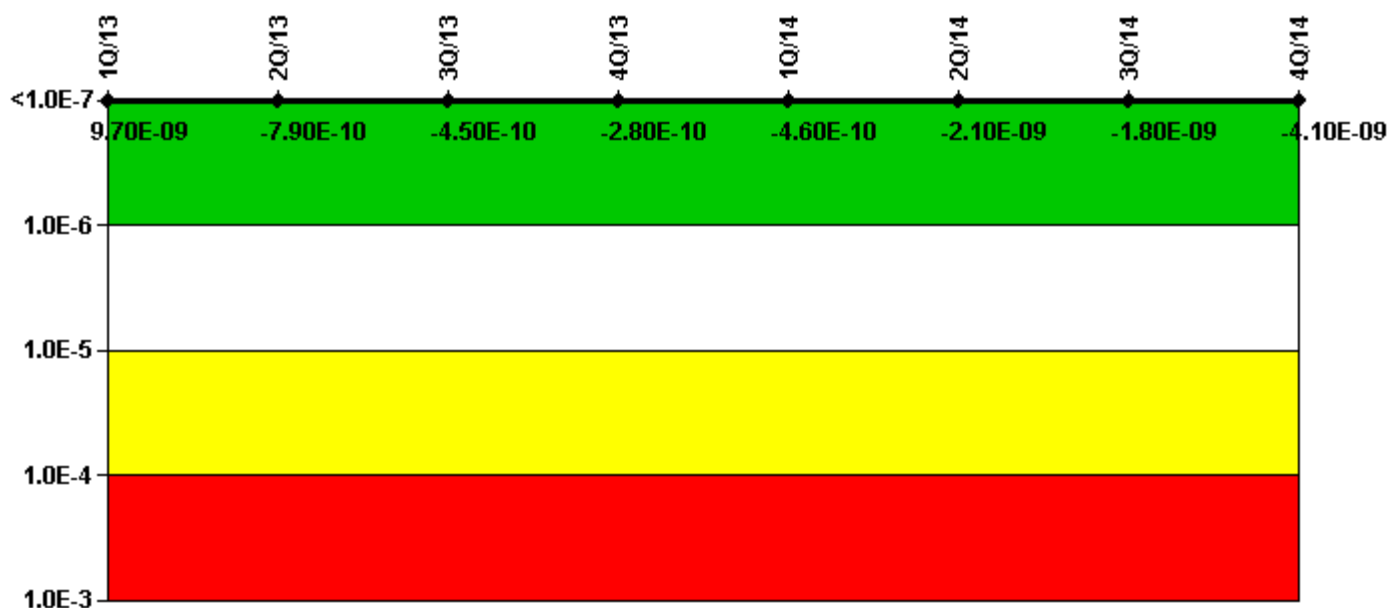
Thresholds: White > 5.0

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



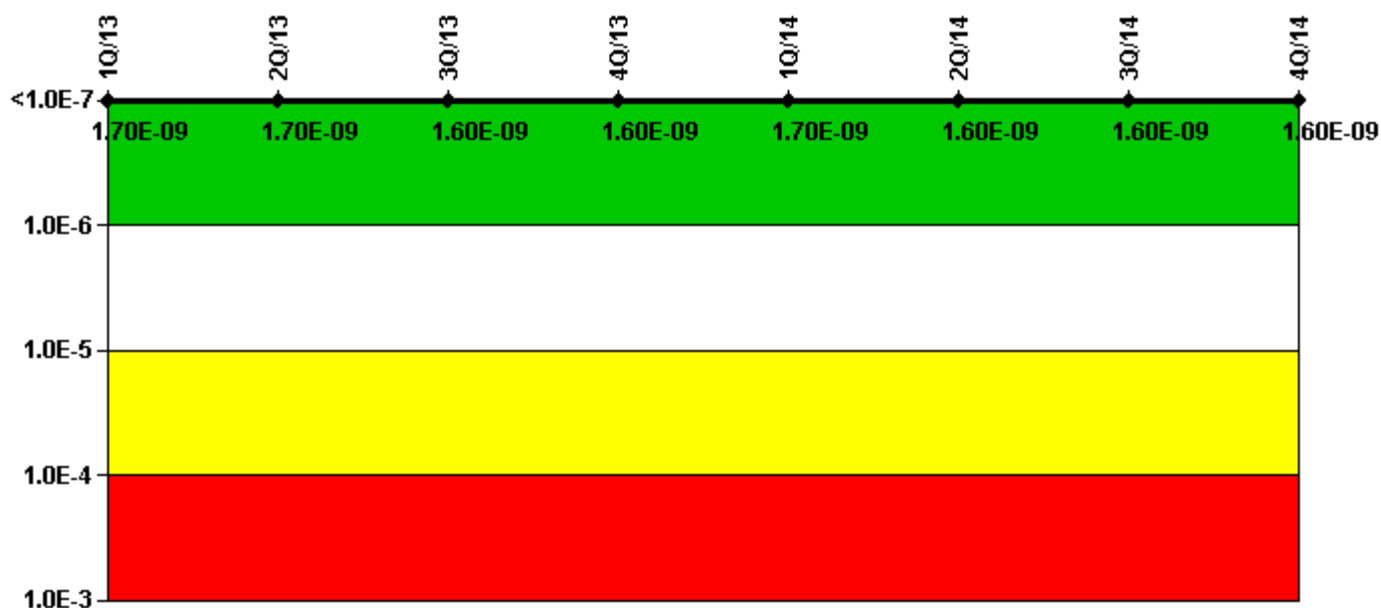
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
UAI (Δ CDF)	5.35E-09	2.69E-09	3.18E-09	3.16E-09	2.88E-09	8.53E-10	8.21E-10	5.11E-10
URI (Δ CDF)	4.34E-09	-3.47E-09	-3.63E-09	-3.44E-09	-3.34E-09	-2.94E-09	-2.58E-09	-4.62E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	9.70E-09	-7.90E-10	-4.50E-10	-2.80E-10	-4.60E-10	-2.10E-09	-1.80E-09	-4.10E-09

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



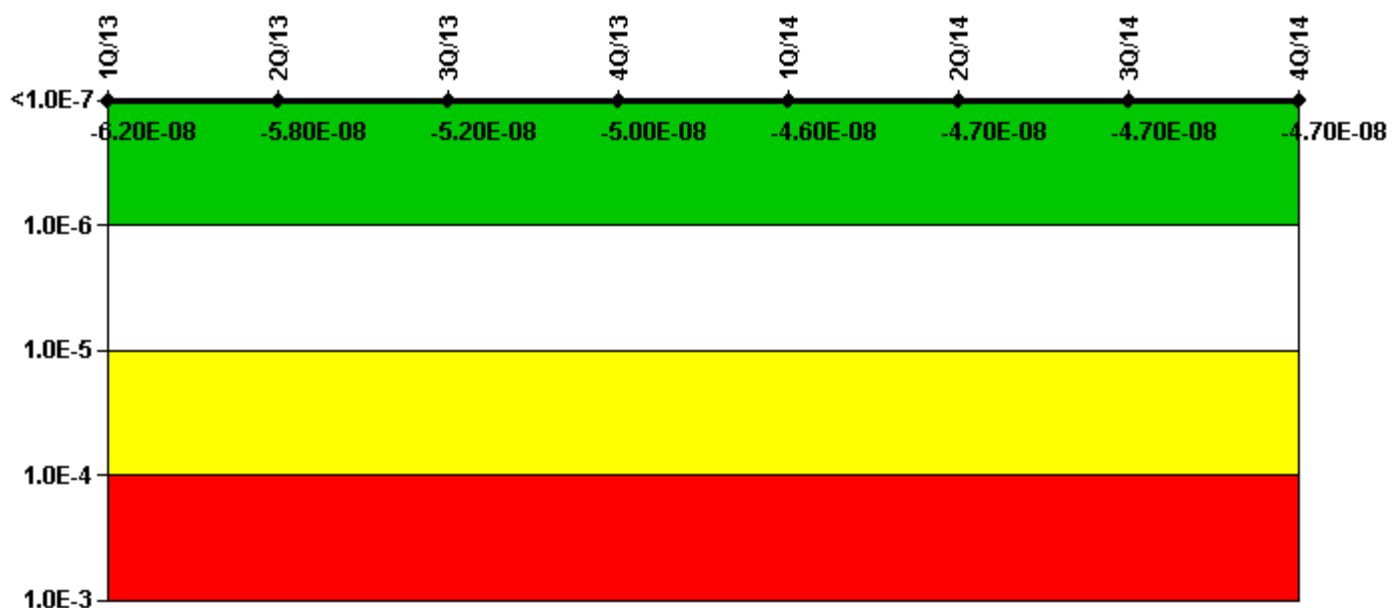
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
UAI (Δ CDF)	3.12E-09	3.17E-09	3.14E-09	3.14E-09	3.38E-09	3.25E-09	3.31E-09	3.41E-09
URI (Δ CDF)	-1.41E-09	-1.45E-09	-1.50E-09	-1.59E-09	-1.63E-09	-1.67E-09	-1.72E-09	-1.77E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.70E-09	1.70E-09	1.60E-09	1.60E-09	1.70E-09	1.60E-09	1.60E-09	1.60E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



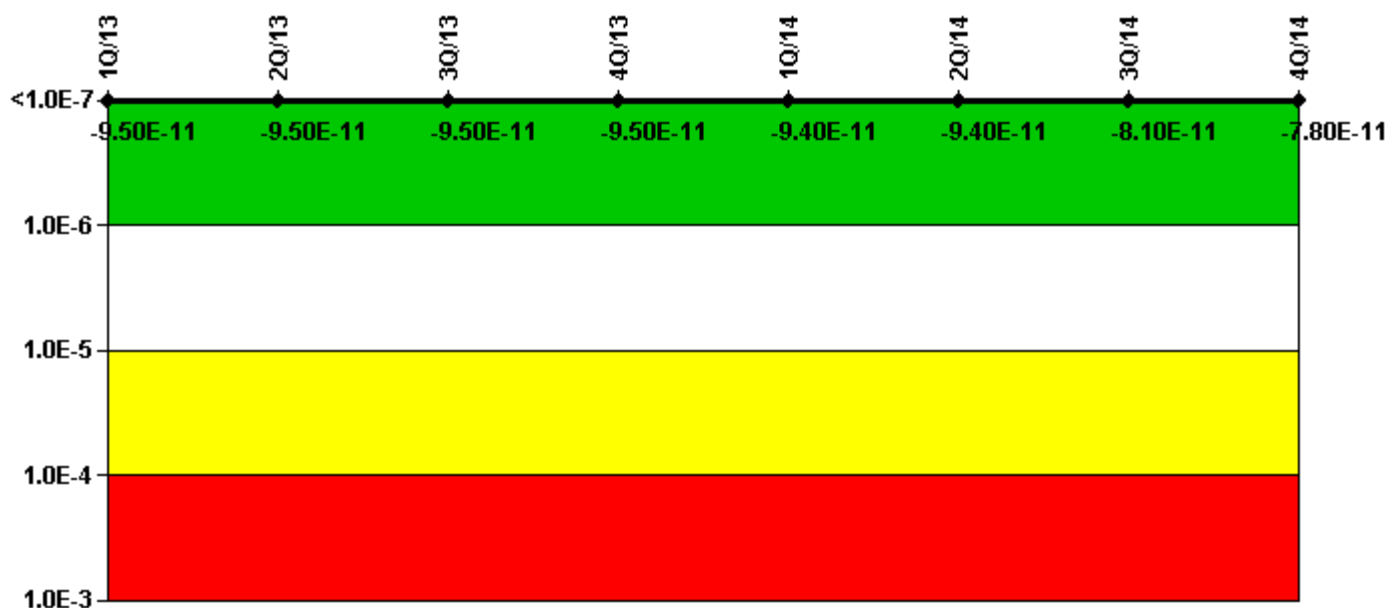
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
UAI (Δ CDF)	6.62E-09	1.11E-08	1.66E-08	1.87E-08	2.33E-08	2.17E-08	2.16E-08	2.23E-08
URI (Δ CDF)	-6.88E-08	-6.89E-08	-6.89E-08	-6.88E-08	-6.88E-08	-6.88E-08	-6.88E-08	-6.89E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.20E-08	-5.80E-08	-5.20E-08	-5.00E-08	-4.60E-08	-4.70E-08	-4.70E-08	-4.70E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



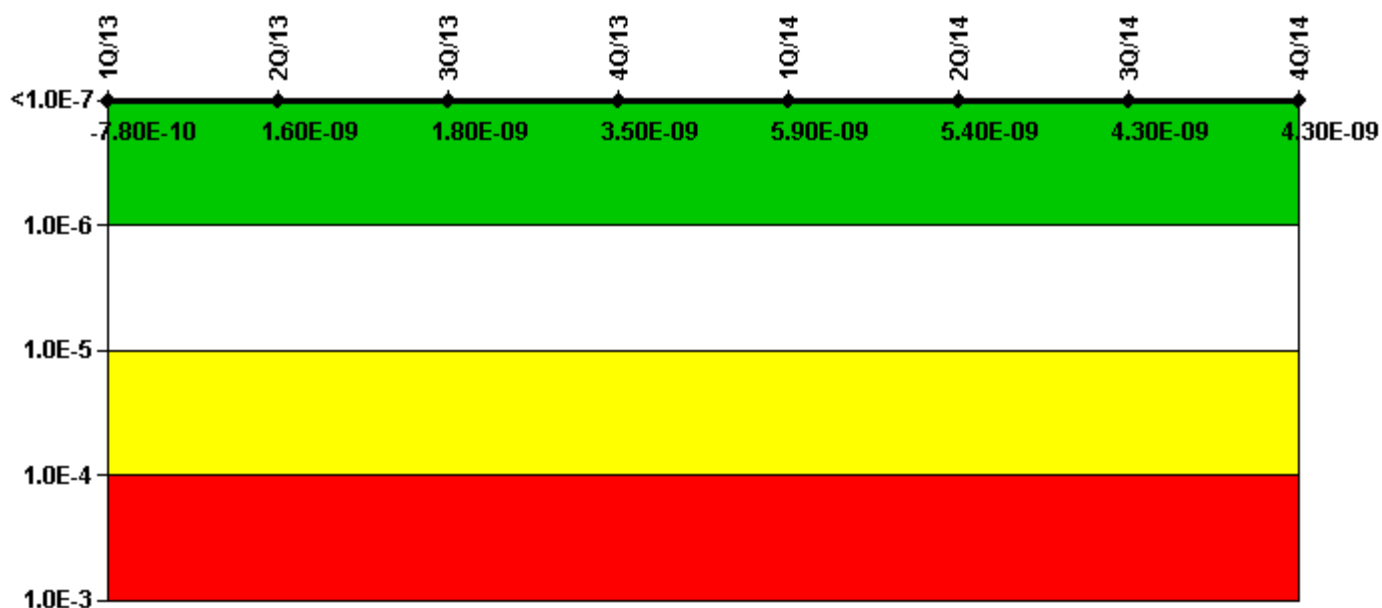
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
UAI (Δ CDF)	-2.06E-11	-2.06E-11	-2.06E-11	-2.06E-11	-1.89E-11	-1.90E-11	-5.95E-12	-3.62E-12
URI (Δ CDF)	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-9.50E-11	-9.50E-11	-9.50E-11	-9.50E-11	-9.40E-11	-9.40E-11	-8.10E-11	-7.80E-11

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



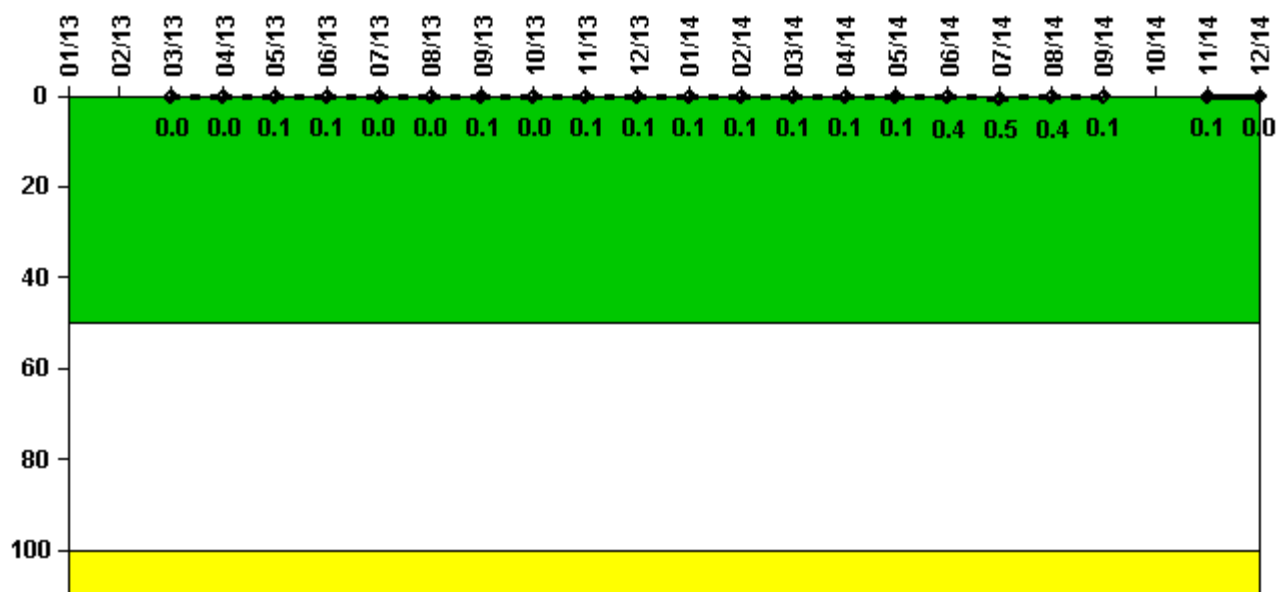
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
UAI (ΔCDF)	3.73E-09	6.16E-09	6.35E-09	8.01E-09	1.04E-08	9.97E-09	8.79E-09	8.84E-09
URI (ΔCDF)	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-7.80E-10	1.60E-09	1.80E-09	3.50E-09	5.90E-09	5.40E-09	4.30E-09	4.30E-09

Licensee Comments: none

Reactor Coolant System Activity



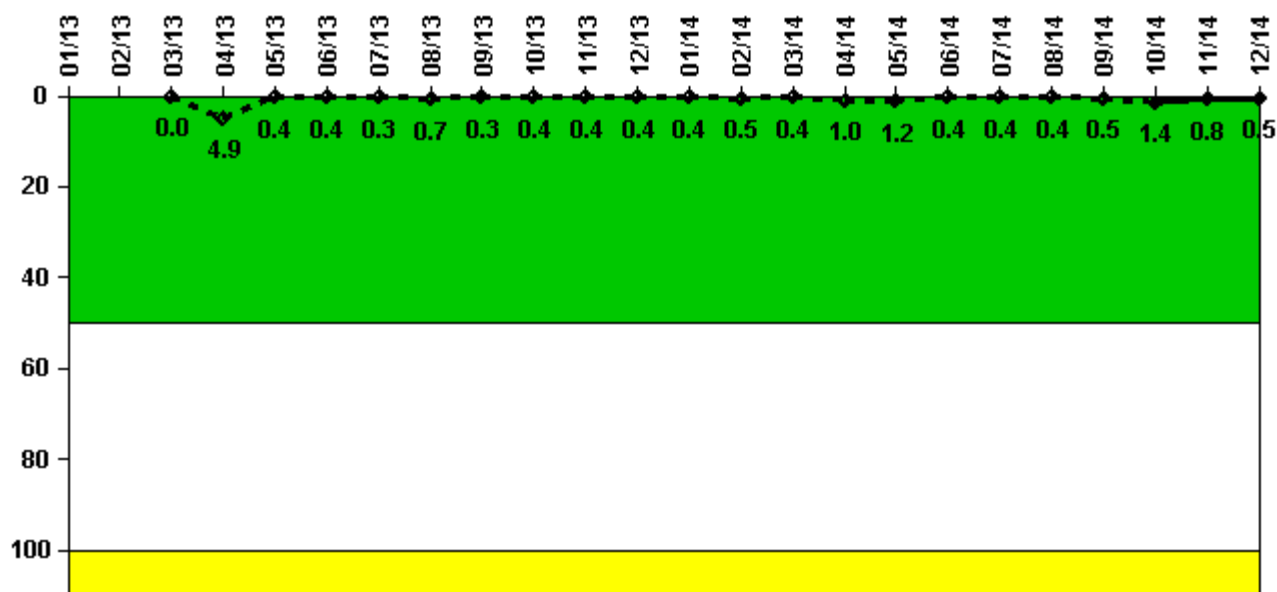
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/13	2/13	3/13	4/13	5/13	6/13	7/13	8/13	9/13	10/13	11/13	12/13
Maximum activity	N/A	N/A	0.000006	0.000030	0.000180	0.000200	0.000100	0.000100	0.000240	0.000100	0.000200	0.000210
Technical specification limit	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Indicator value	N/A	N/A	0	0	0.1	0.1	0	0	0.1	0	0.1	0.1
Reactor Coolant System Activity	1/14	2/14	3/14	4/14	5/14	6/14	7/14	8/14	9/14	10/14	11/14	12/14
Maximum activity	0.000200	0.000280	0.000180	0.000350	0.000220	0.000980	0.001300	0.000950	0.000190	N/A	0.000160	0.000120
Technical specification limit	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Indicator value	0.1	0.1	0.1	0.1	0.1	0.4	0.5	0.4	0.1	N/A	0.1	0

Licensee Comments: none

Reactor Coolant System Leakage



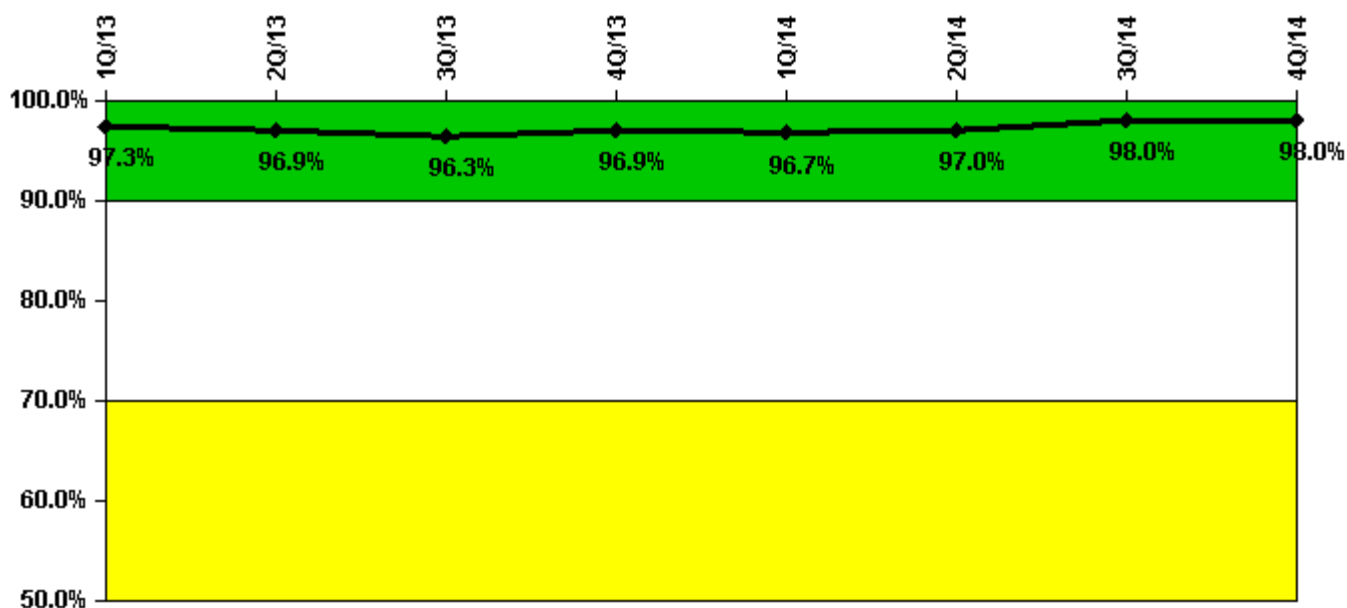
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/13	2/13	3/13	4/13	5/13	6/13	7/13	8/13	9/13	10/13	11/13	12/13
Maximum leakage	N/A	N/A	0	0.490	0.040	0.040	0.030	0.070	0.030	0.040	0.040	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	N/A	N/A	0	4.9	0.4	0.4	0.3	0.7	0.3	0.4	0.4	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	0.040	0.050	0.040	0.100	0.120	0.040	0.040	0.040	0.050	0.140	0.080	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	0.4	0.5	0.4	1.0	1.2	0.4	0.4	0.4	0.5	1.4	0.8	0.5

Licensee Comments: none

Drill/Exercise Performance



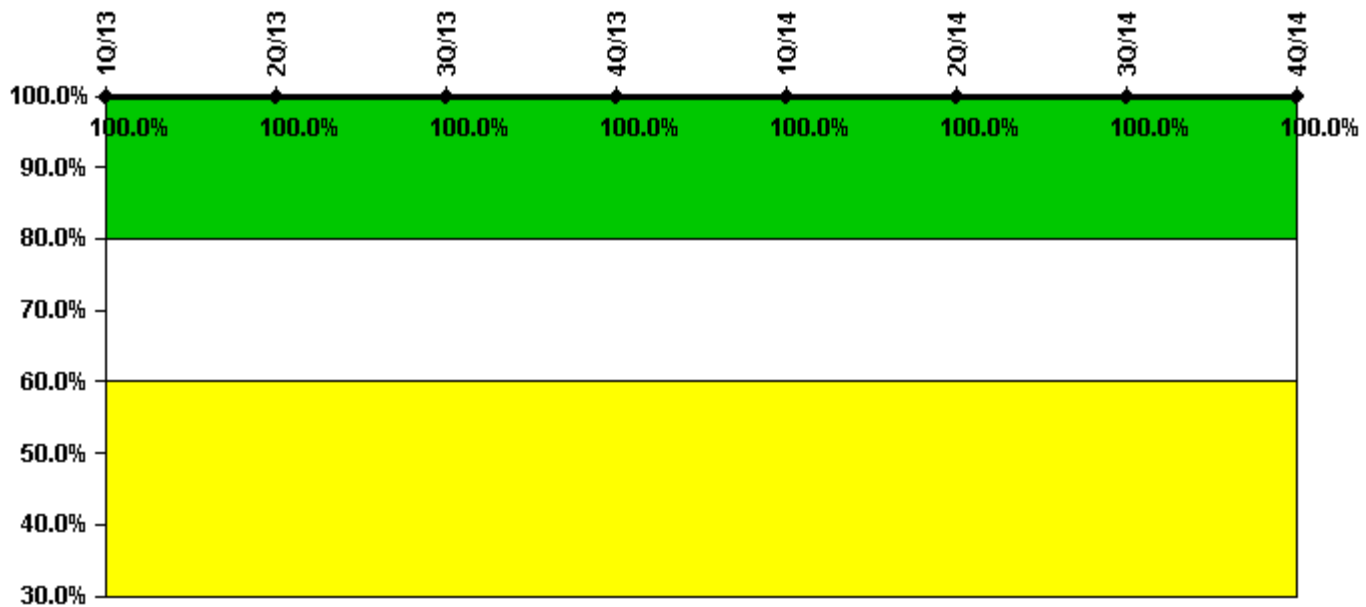
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Successful opportunities	10.0	38.0	33.0	37.0	36.0	12.0	19.0	58.0
Total opportunities	10.0	40.0	35.0	37.0	37.0	12.0	19.0	58.0
Indicator value	97.3%	96.9%	96.3%	96.9%	96.7%	97.0%	98.0%	98.0%

Licensee Comments: none

ERO Drill Participation



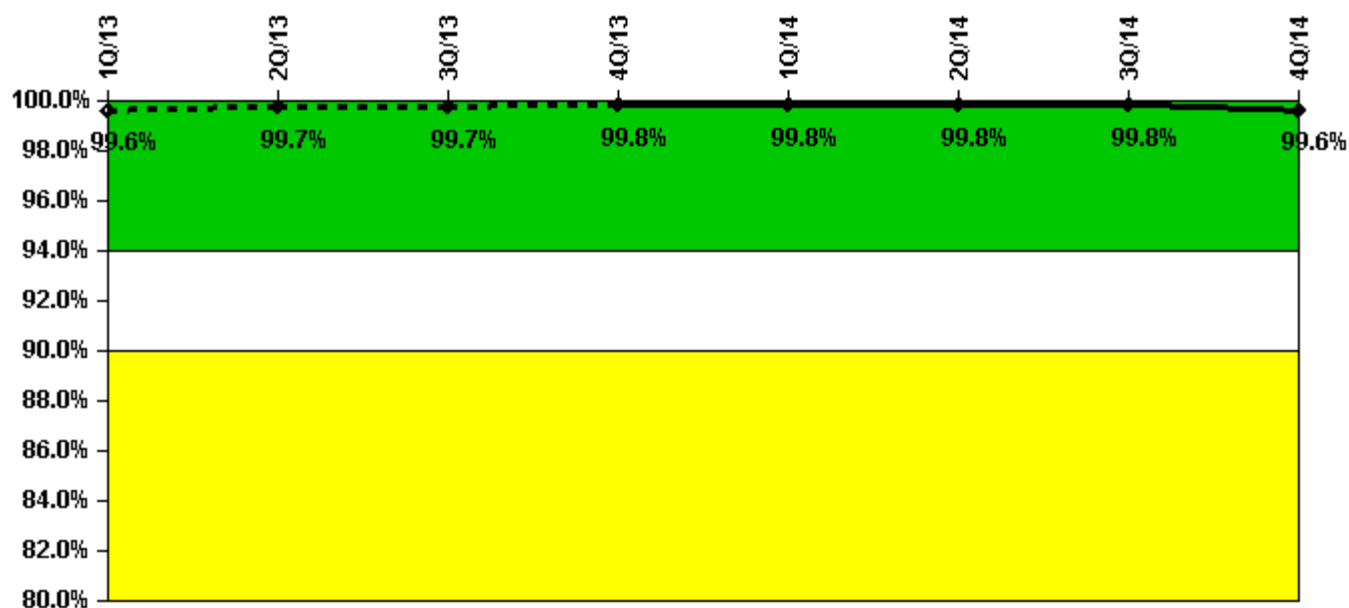
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Participating Key personnel	97.0	106.0	106.0	111.0	112.0	105.0	99.0	102.0
Total Key personnel	97.0	106.0	106.0	111.0	112.0	105.0	99.0	102.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



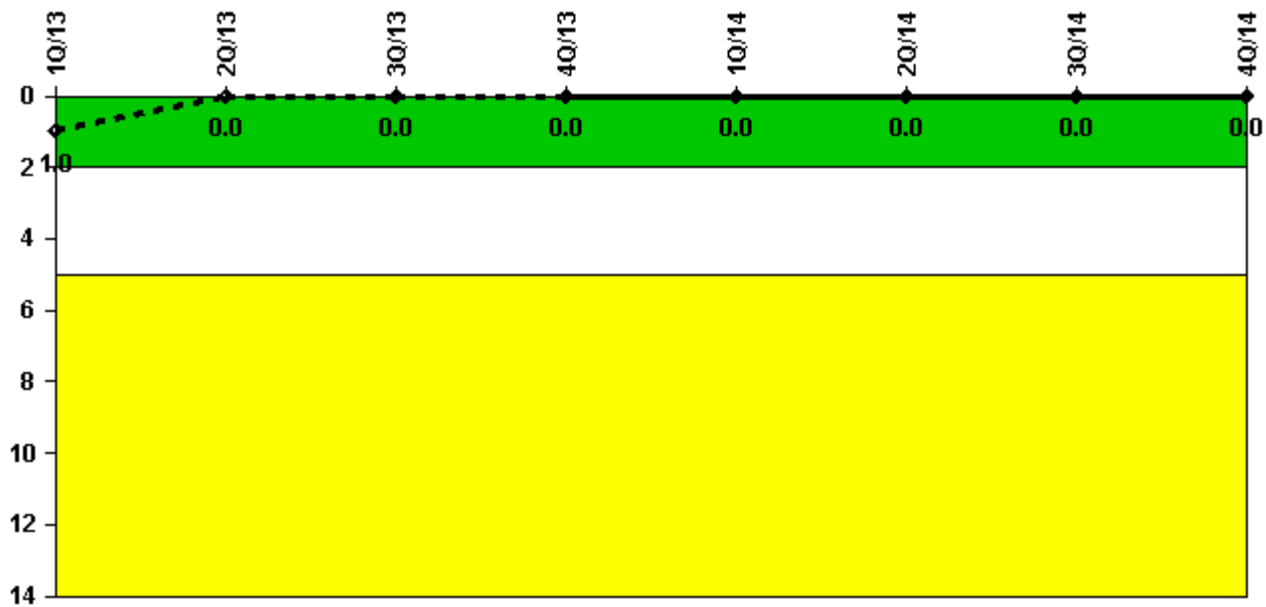
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Successful siren-tests	375	329	374	376	328	329	374	373
Total sirens-tests	376	329	376	376	329	329	376	376
Indicator value	99.6%	99.7%	99.7%	99.8%	99.8%	99.8%	99.8%	99.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness

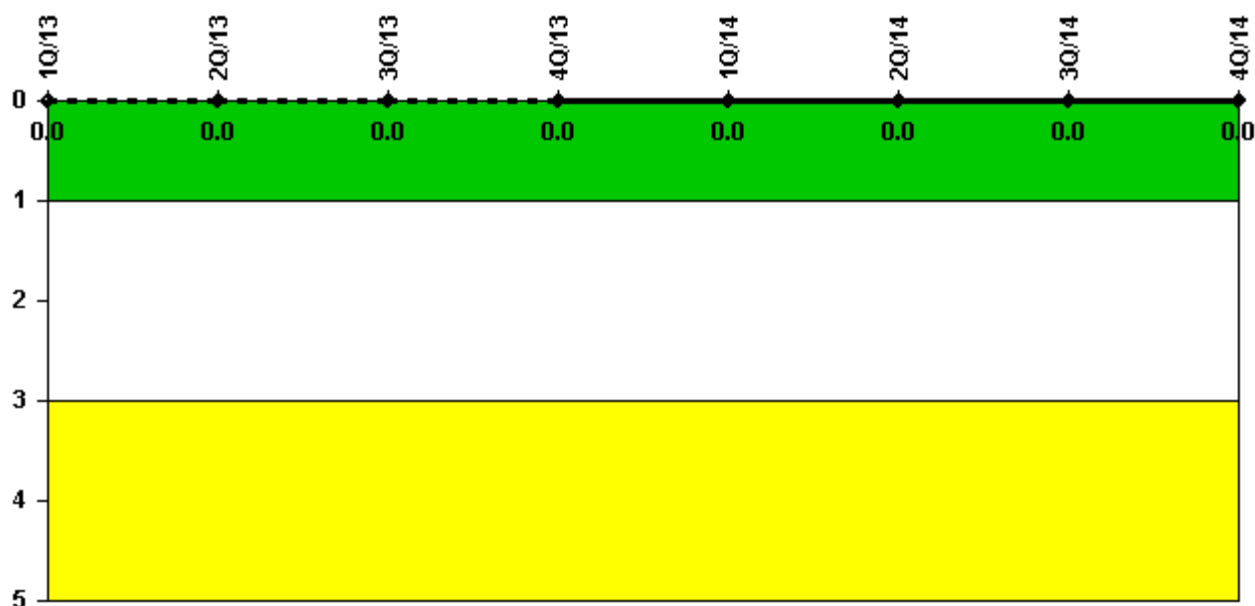


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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	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	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

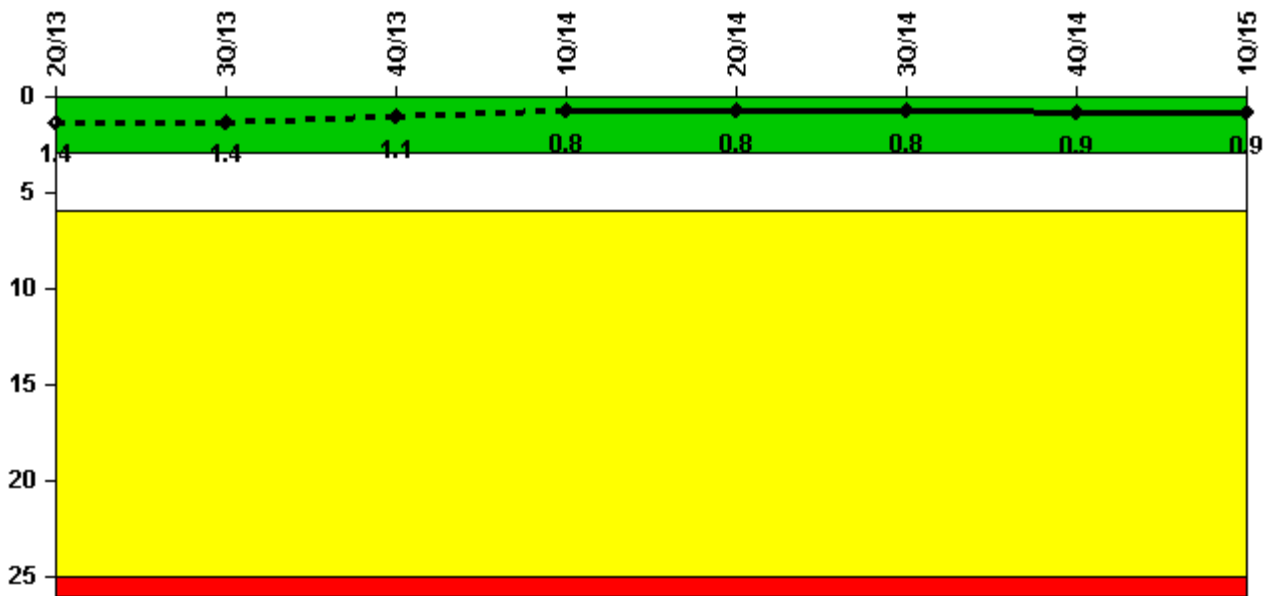
Turkey Point 4

1Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



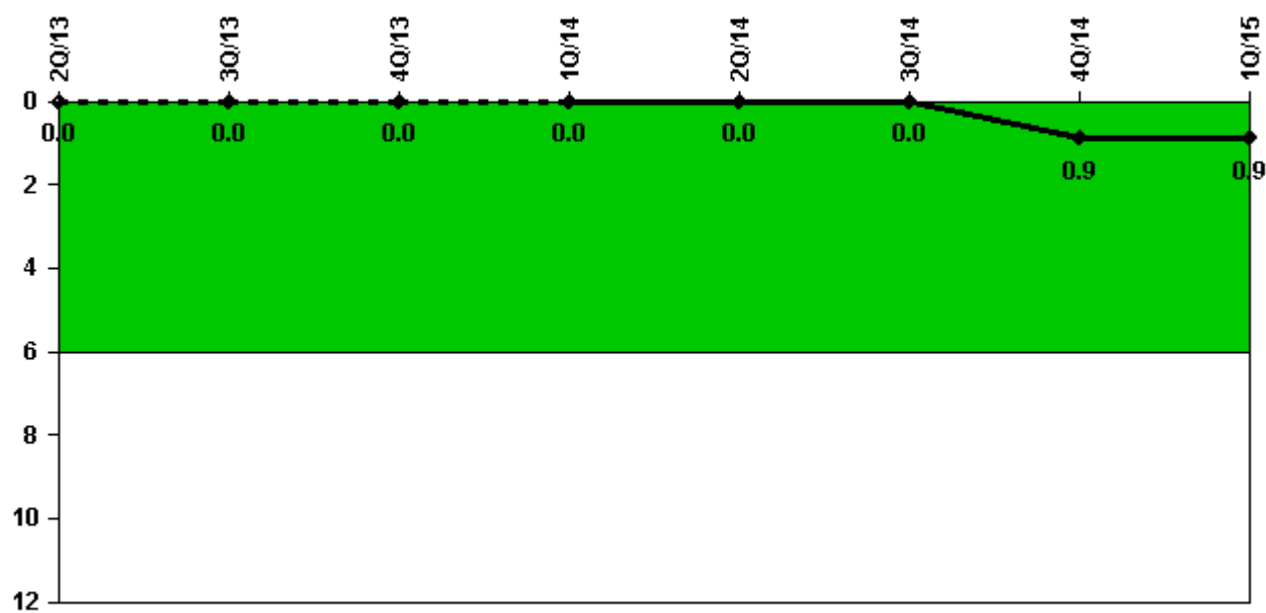
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0
Critical hours	2019.1	2208.0	2209.0	2159.0	2100.5	1992.0	1644.9	2159.0
Indicator value	1.4	1.4	1.1	0.8	0.8	0.8	0.9	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



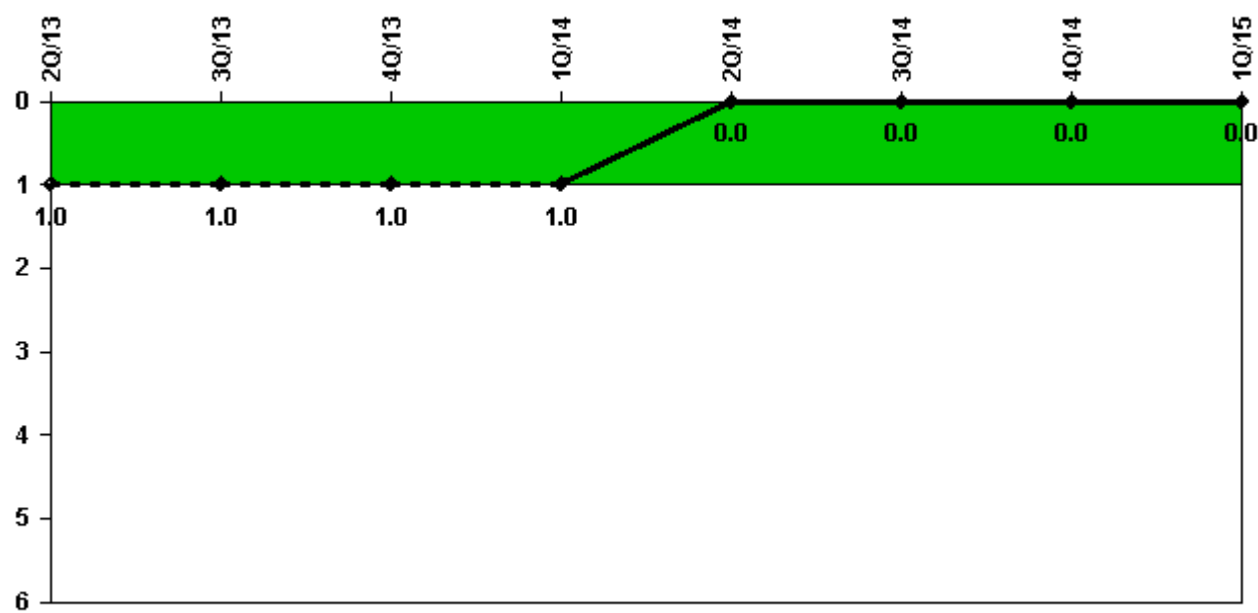
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Unplanned power changes	0	0	0	0	0	0	1.0	0
Critical hours	2019.1	2208.0	2209.0	2159.0	2100.5	1992.0	1644.9	2159.0
Indicator value	0	0	0	0	0	0	0.9	0.9

Licensee Comments: none

Unplanned Scrams with Complications



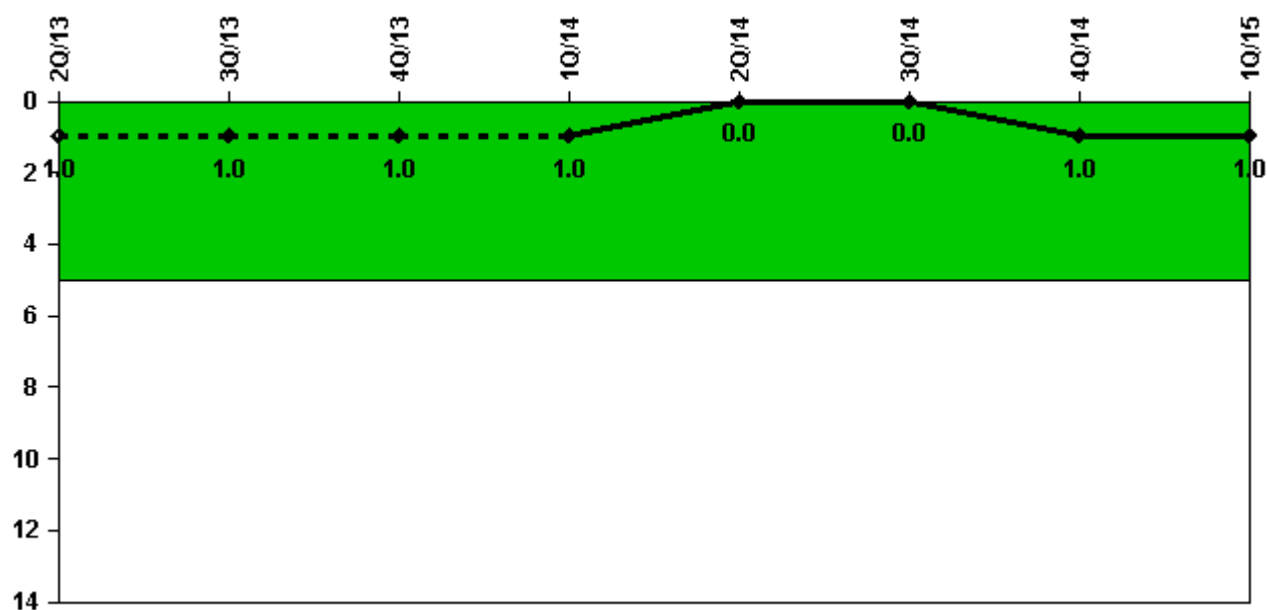
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Scrams with complications	1.0	0	0	0	0	0	0	0
Indicator value	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)

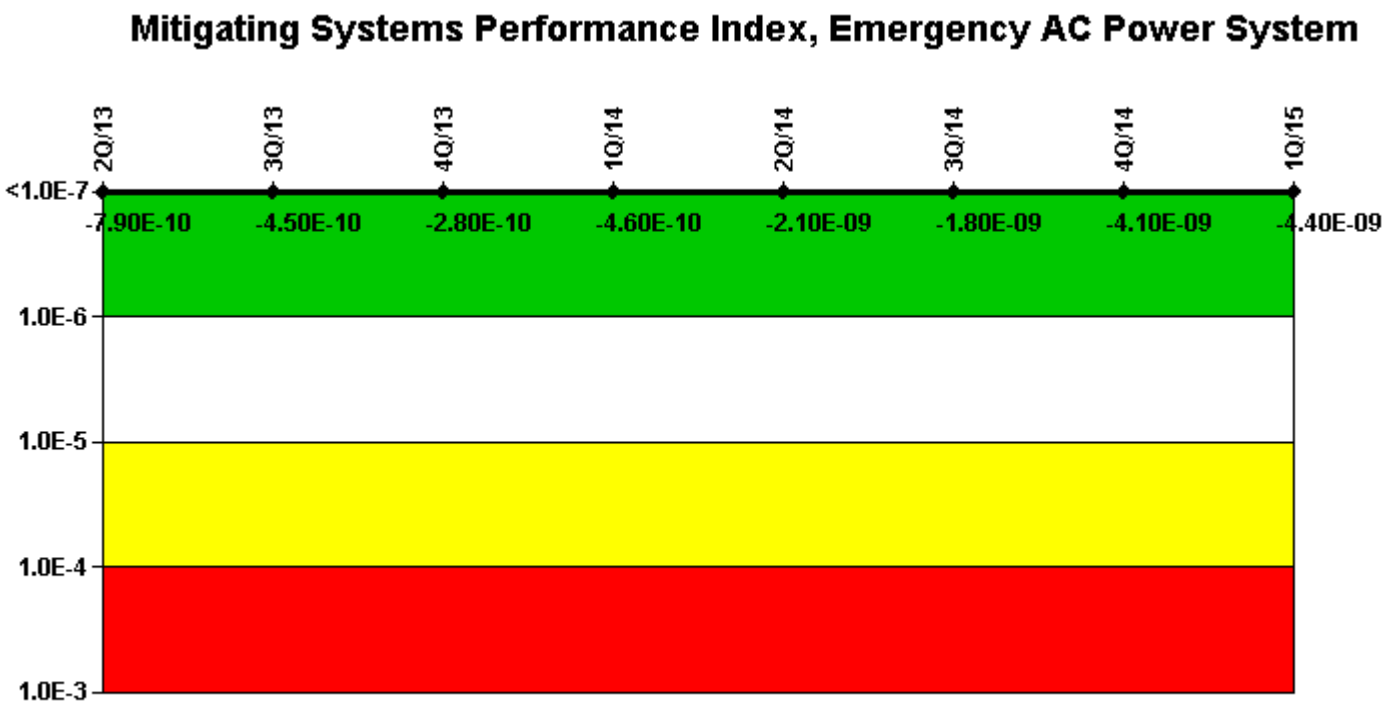


Thresholds: White > 5.0

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

Licensee Comments: none

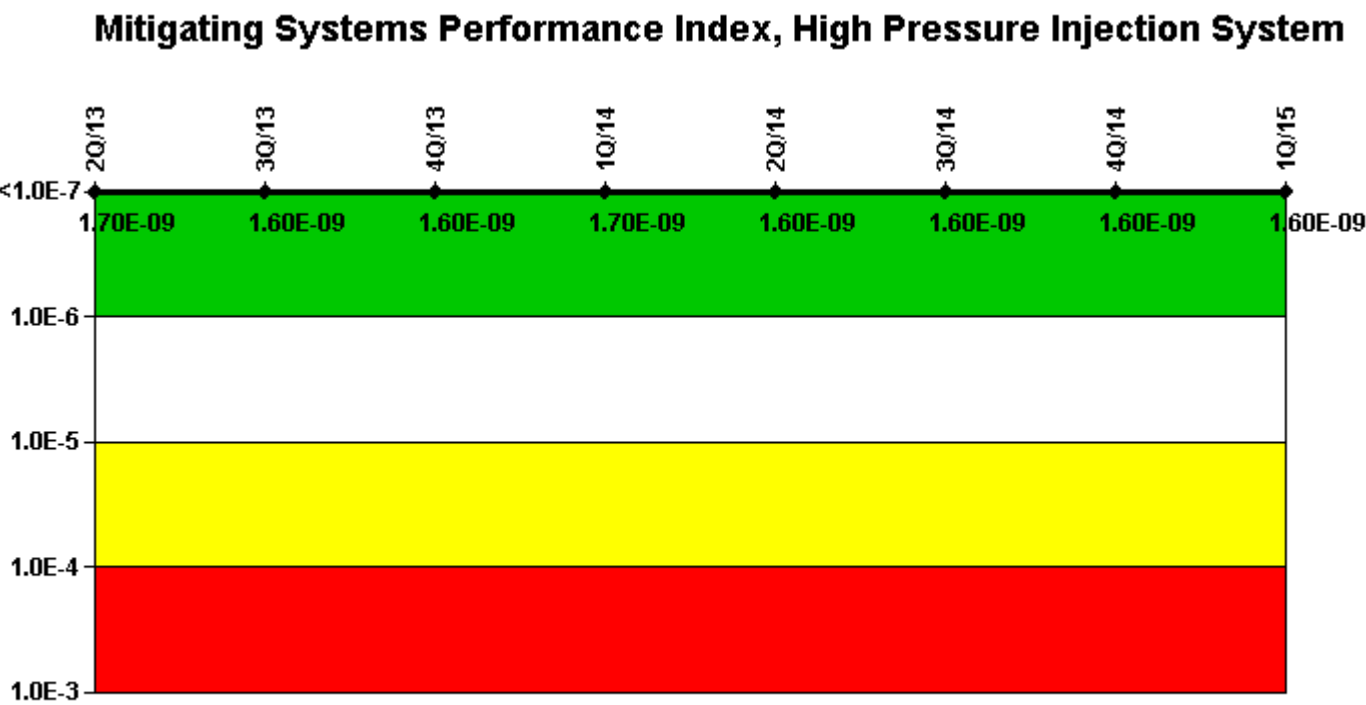


Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
UAI (ΔCDF)	2.69E-09	3.18E-09	3.16E-09	2.88E-09	8.53E-10	8.21E-10	5.11E-10	7.33E-10
URI (ΔCDF)	-3.47E-09	-3.63E-09	-3.44E-09	-3.34E-09	-2.94E-09	-2.58E-09	-4.62E-09	-5.14E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-7.90E-10	-4.50E-10	-2.80E-10	-4.60E-10	-2.10E-09	-1.80E-09	-4.10E-09	-4.40E-09

Licensee Comments: none



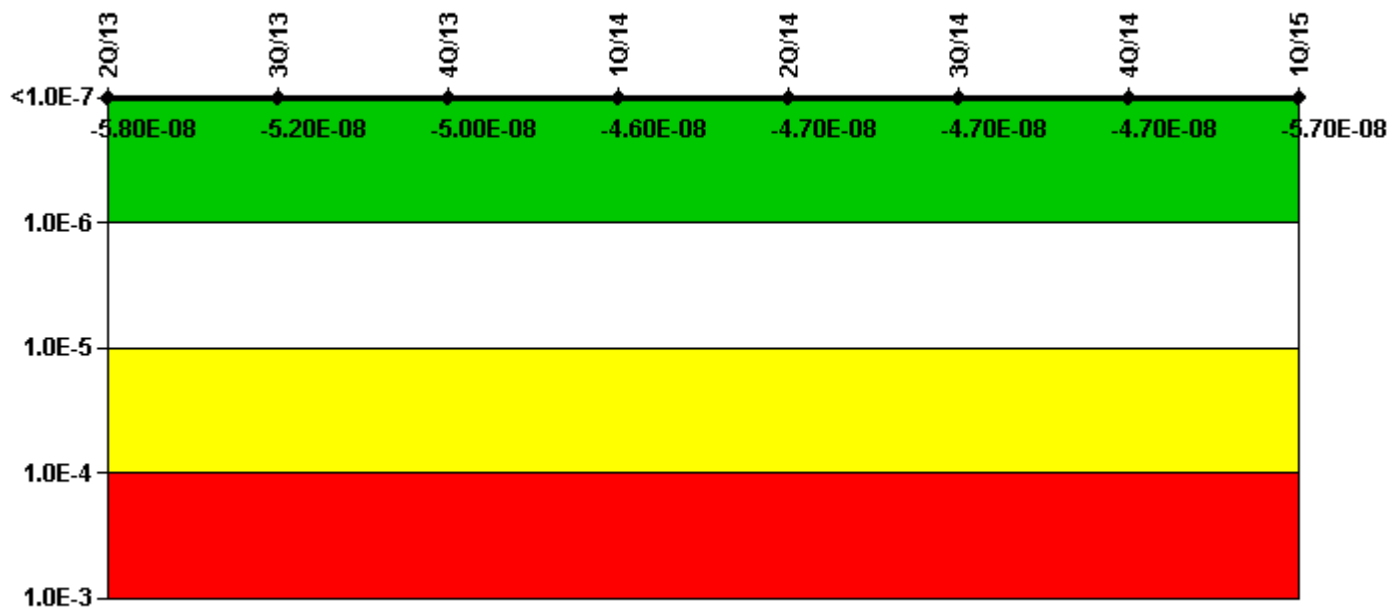
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
UAI (ΔCDF)	3.17E-09	3.14E-09	3.14E-09	3.38E-09	3.25E-09	3.31E-09	3.41E-09	3.40E-09
URI (ΔCDF)	-1.45E-09	-1.50E-09	-1.59E-09	-1.63E-09	-1.67E-09	-1.72E-09	-1.77E-09	-1.76E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.70E-09	1.60E-09	1.60E-09	1.70E-09	1.60E-09	1.60E-09	1.60E-09	1.60E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



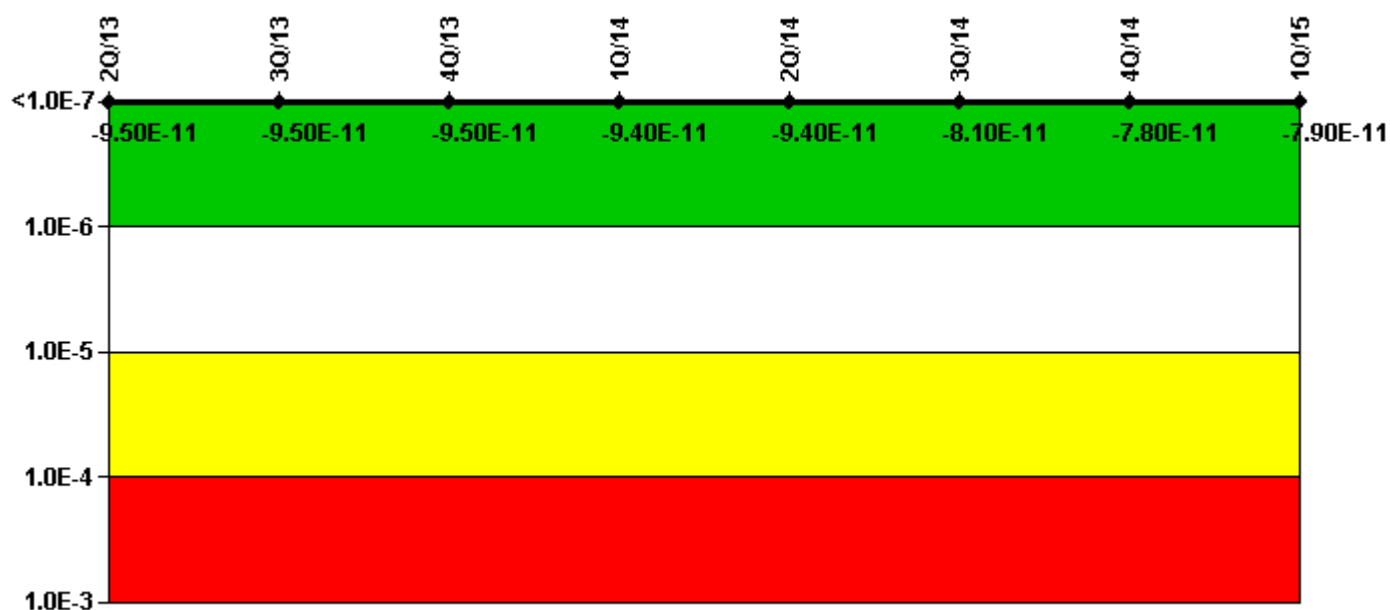
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
UAI (ΔCDF)	1.11E-08	1.66E-08	1.87E-08	2.33E-08	2.17E-08	2.16E-08	2.23E-08	1.17E-08
URI (ΔCDF)	-6.89E-08	-6.89E-08	-6.88E-08	-6.88E-08	-6.88E-08	-6.88E-08	-6.89E-08	-6.89E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.80E-08	-5.20E-08	-5.00E-08	-4.60E-08	-4.70E-08	-4.70E-08	-4.70E-08	-5.70E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



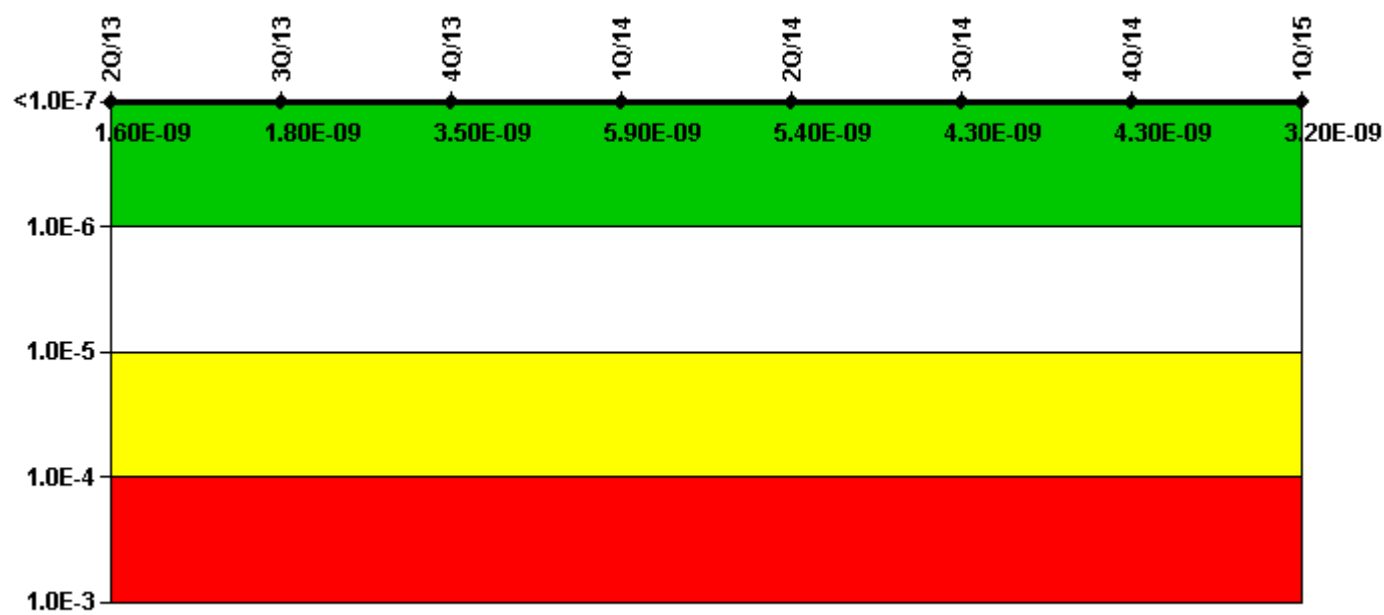
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
UAI (Δ CDF)	-2.06E-11	-2.06E-11	-2.06E-11	-1.89E-11	-1.90E-11	-5.95E-12	-3.62E-12	-4.51E-12
URI (Δ CDF)	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-9.50E-11	-9.50E-11	-9.50E-11	-9.40E-11	-9.40E-11	-8.10E-11	-7.80E-11	-7.90E-11

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
UAI (ΔCDF)	6.16E-09	6.35E-09	8.01E-09	1.04E-08	9.97E-09	8.79E-09	8.84E-09	7.74E-09
URI (ΔCDF)	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.60E-09	1.80E-09	3.50E-09	5.90E-09	5.40E-09	4.30E-09	4.30E-09	3.20E-09

Licensee Comments: none

Reactor Coolant System Activity



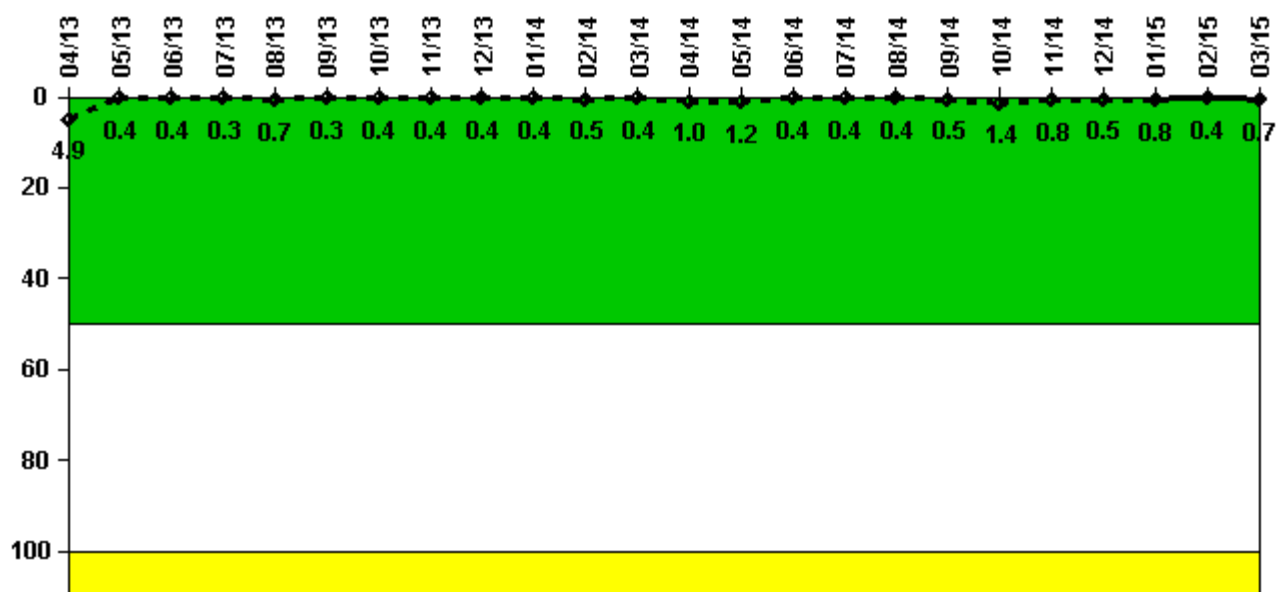
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	4/13	5/13	6/13	7/13	8/13	9/13	10/13	11/13	12/13	1/14	2/14	3/14
Maximum activity	0.000030	0.000180	0.000200	0.000100	0.000100	0.000240	0.000100	0.000200	0.000210	0.000200	0.000280	0.000180
Technical specification limit	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Indicator value	0	0.1	0.1	0	0	0.1	0	0.1	0.1	0.1	0.1	0.1
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	0.000350	0.000220	0.000980	0.001300	0.000950	0.000190	0.000068	0.000160	0.000120	0.000100	0.000100	0.000100
Technical specification limit	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Indicator value	0.1	0.1	0.4	0.5	0.4	0.1	0	0.1	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



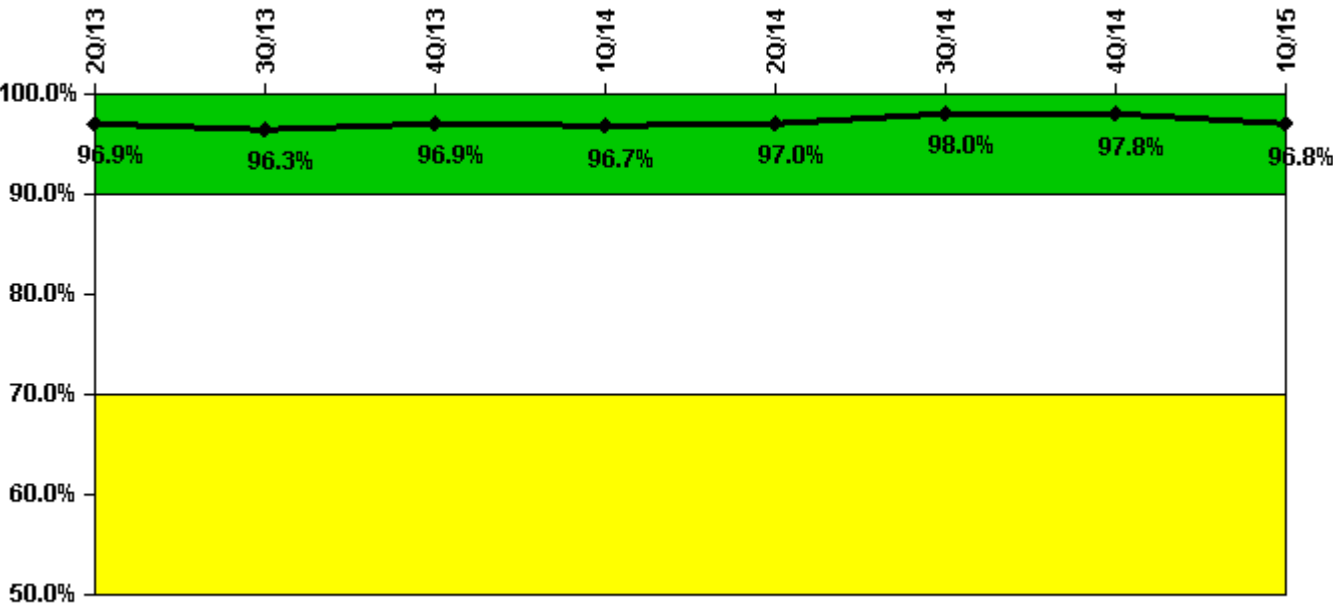
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/13	5/13	6/13	7/13	8/13	9/13	10/13	11/13	12/13	1/14	2/14	3/14
Maximum leakage	0.490	0.040	0.040	0.030	0.070	0.030	0.040	0.040	0.040	0.040	0.050	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	4.9	0.4	0.4	0.3	0.7	0.3	0.4	0.4	0.4	0.4	0.5	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	0.100	0.120	0.040	0.040	0.040	0.050	0.140	0.080	0.050	0.080	0.040	0.070
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.0	1.2	0.4	0.4	0.4	0.5	1.4	0.8	0.5	0.8	0.4	0.7

Licensee Comments: none

Drill/Exercise Performance



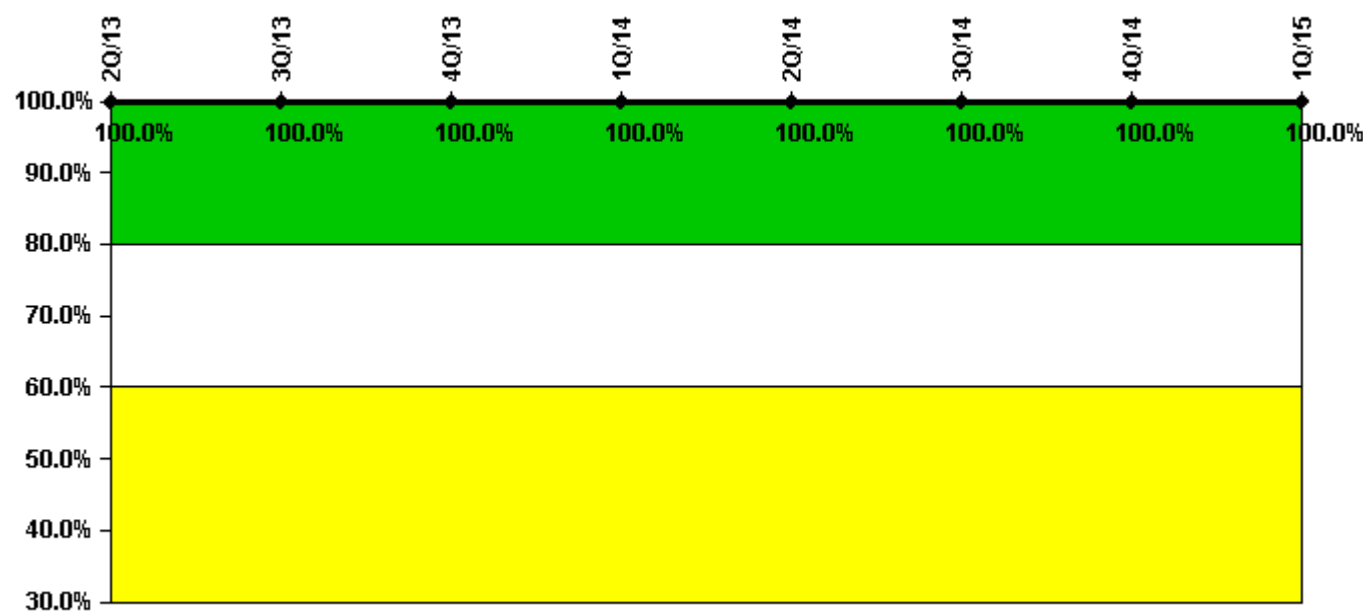
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Successful opportunities	38.0	33.0	37.0	36.0	12.0	18.0	39.0	29.0
Total opportunities	40.0	35.0	37.0	37.0	12.0	18.0	39.0	32.0
Indicator value	96.9%	96.3%	96.9%	96.7%	97.0%	98.0%	97.8%	96.8%

Licensee Comments: none

ERO Drill Participation



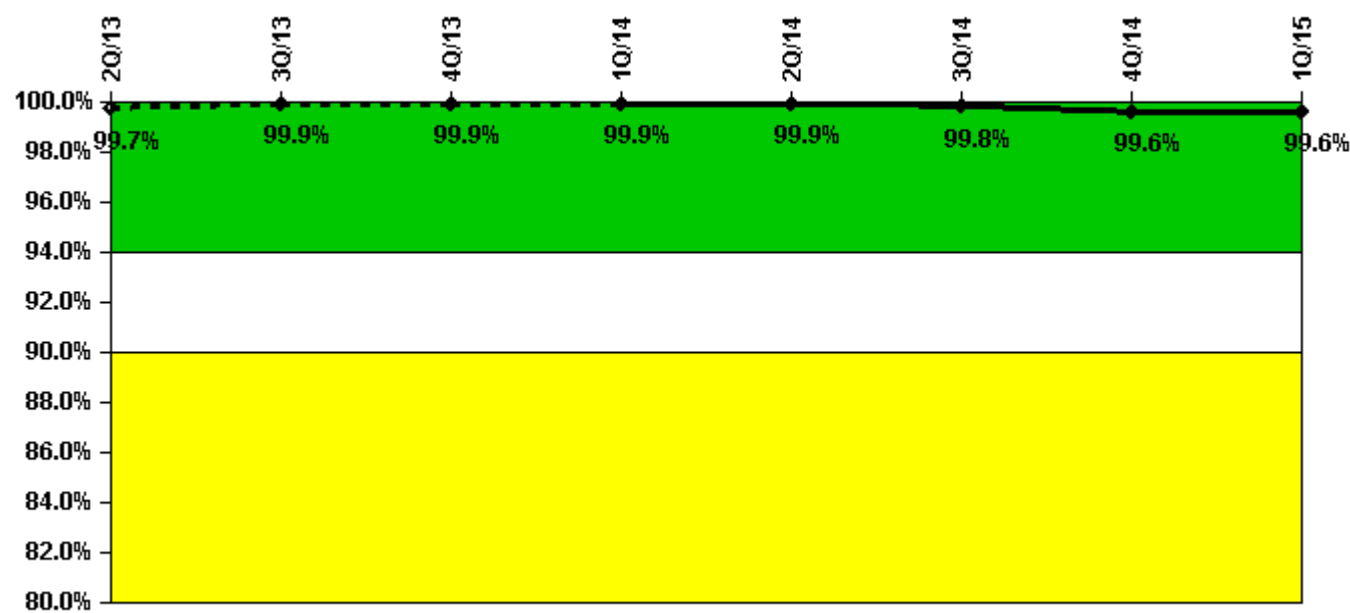
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Participating Key personnel	106.0	106.0	111.0	112.0	105.0	99.0	102.0	102.0
Total Key personnel	106.0	106.0	111.0	112.0	105.0	99.0	102.0	102.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



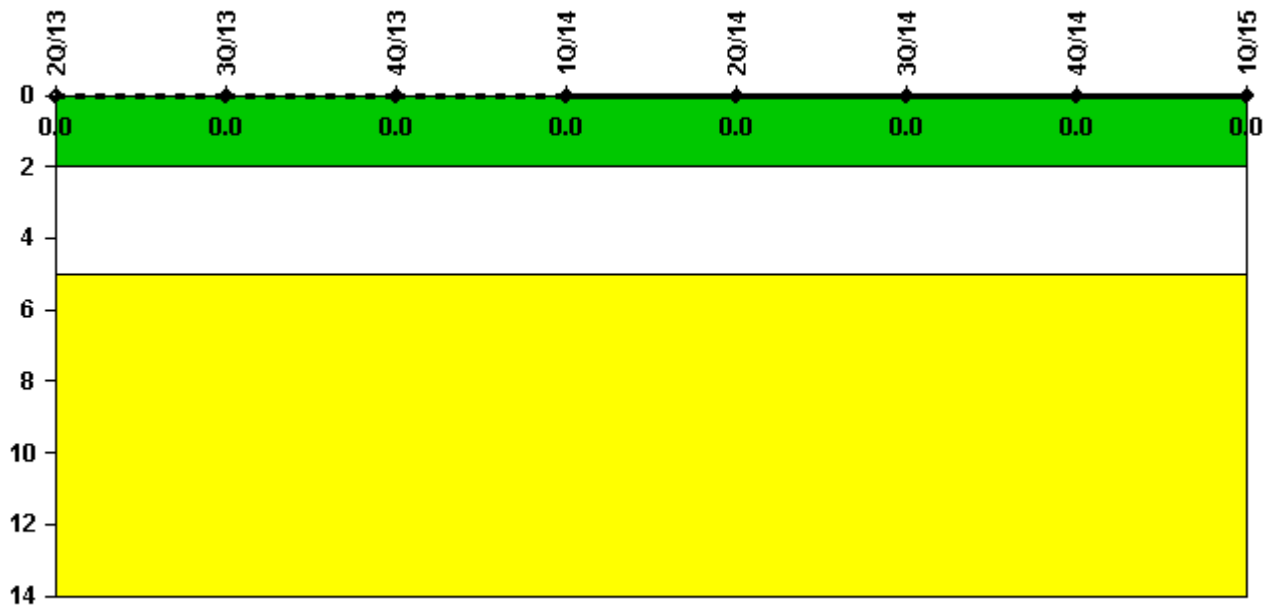
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Successful siren-tests	329	376	376	328	329	374	373	329
Total sirens-tests	329	376	376	329	329	376	376	329
Indicator value	99.7%	99.9%	99.9%	99.9%	99.9%	99.8%	99.6%	99.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness

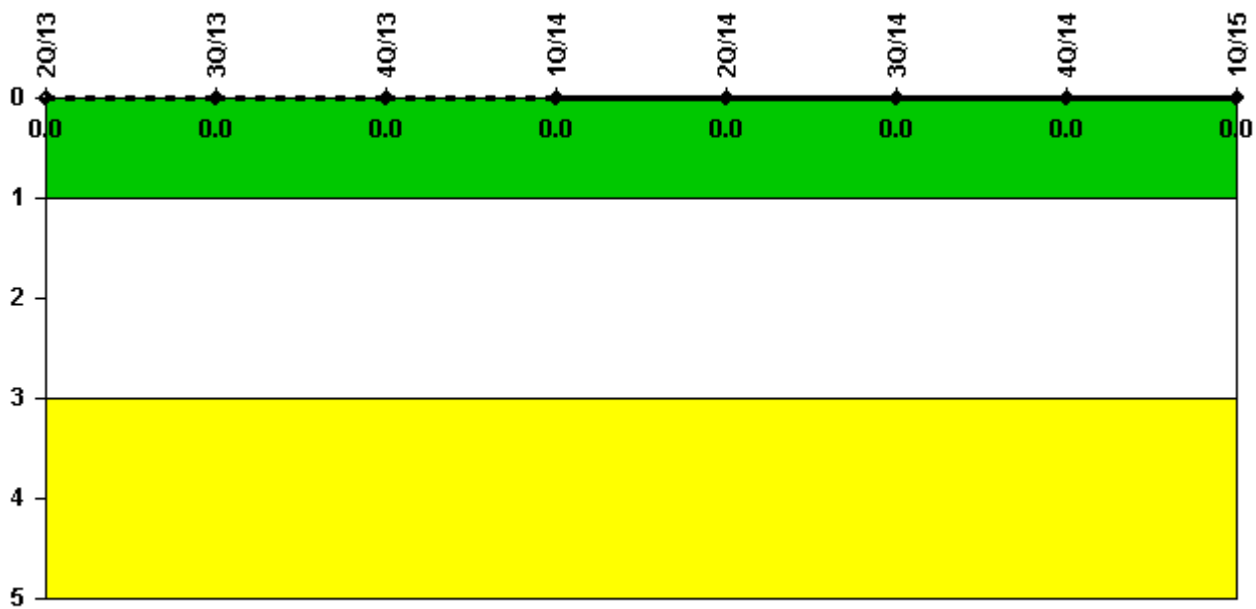


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.



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

Last Modified: April 23, 2015

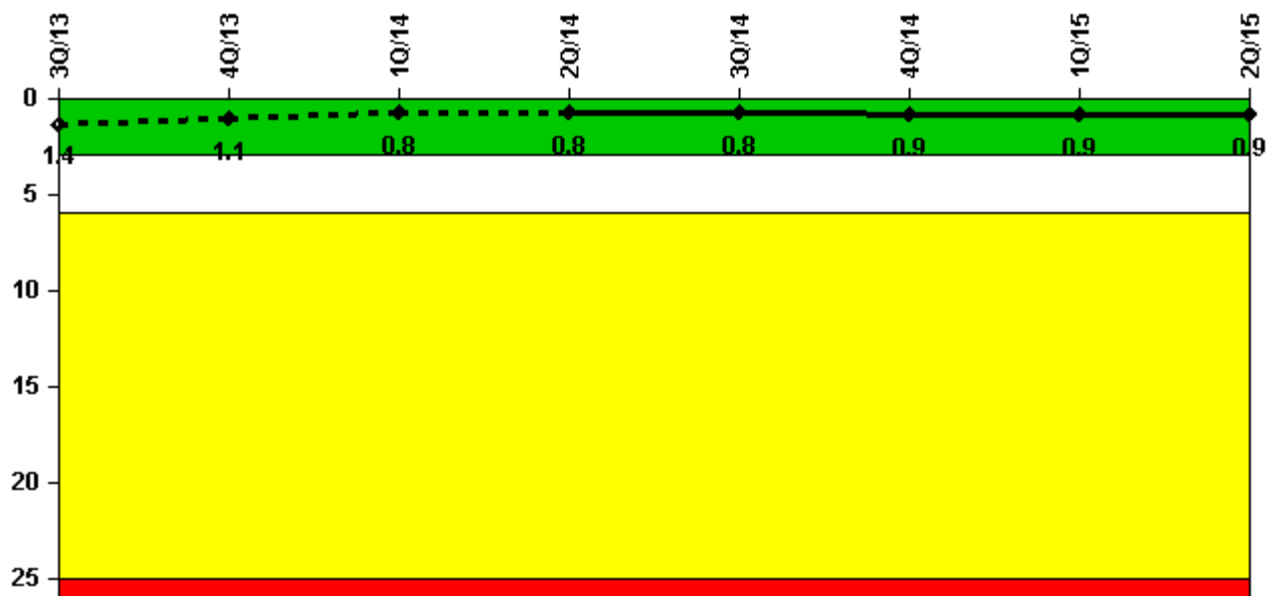
Turkey Point 4

2Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



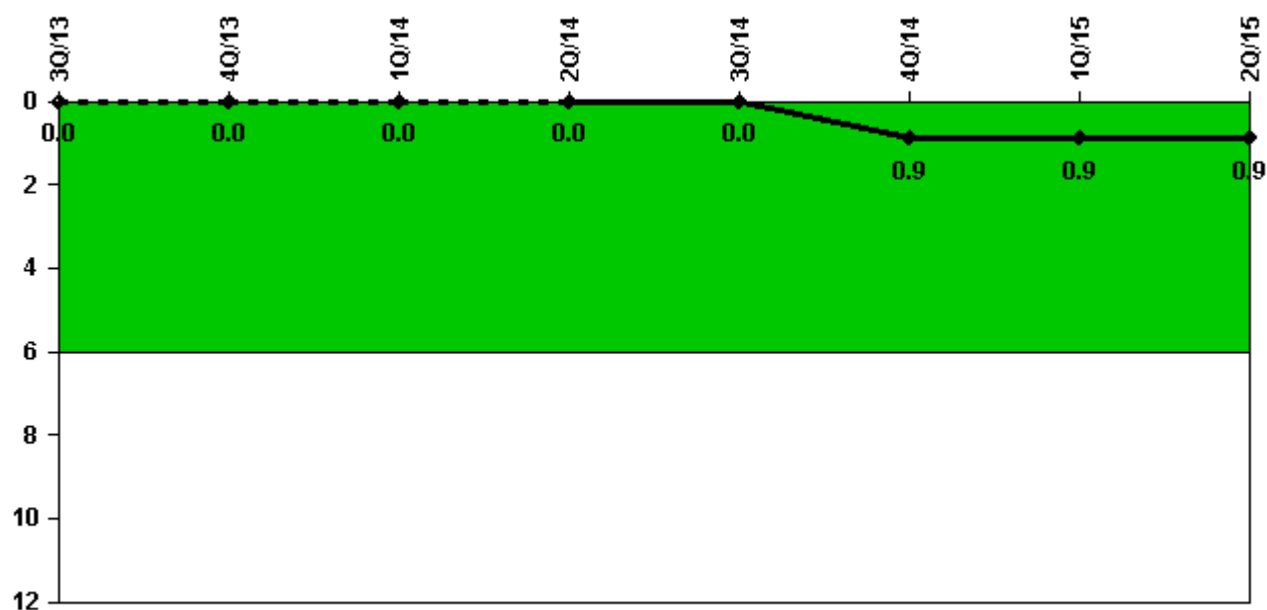
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0	1.0
Critical hours	2208.0	2209.0	2159.0	2100.5	1992.0	1644.9	2159.0	2073.8
Indicator value	1.4	1.1	0.8	0.8	0.8	0.9	0.9	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



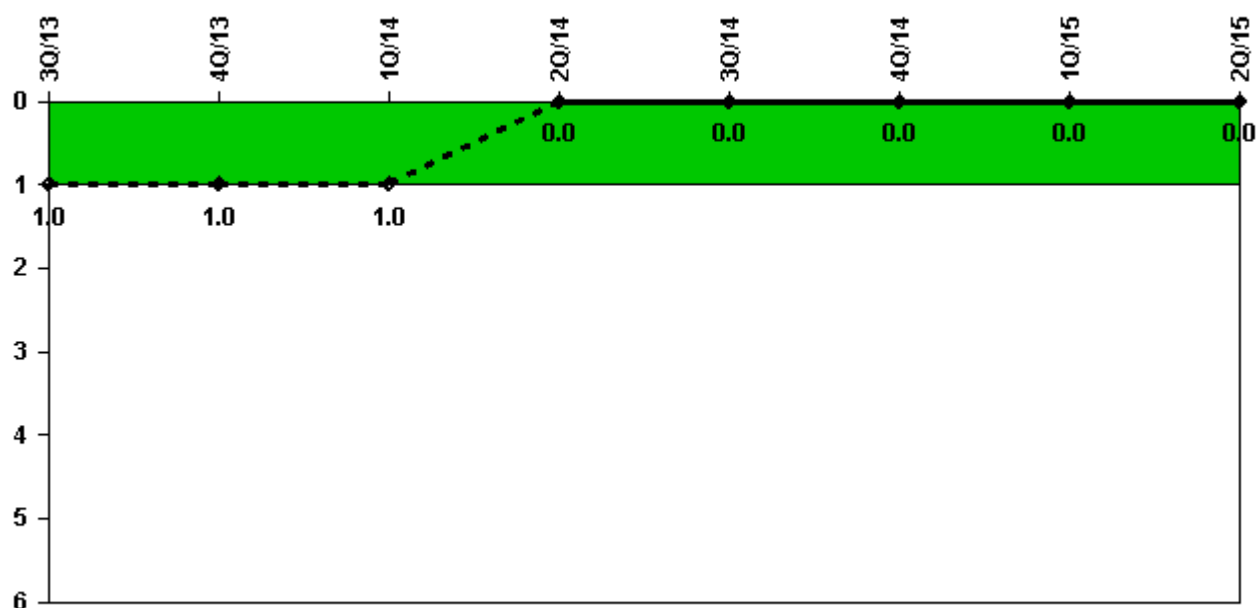
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Unplanned power changes	0	0	0	0	0	1.0	0	0
Critical hours	2208.0	2209.0	2159.0	2100.5	1992.0	1644.9	2159.0	2073.8
Indicator value	0	0	0	0	0	0.9	0.9	0.9

Licensee Comments: none

Unplanned Scrams with Complications



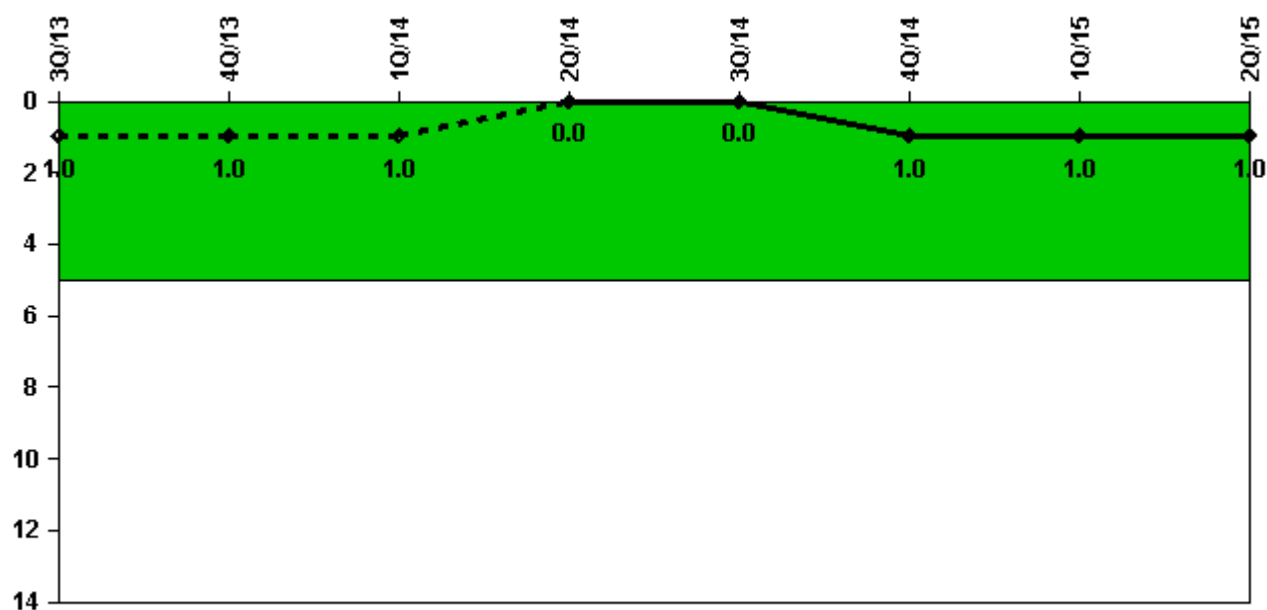
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	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	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



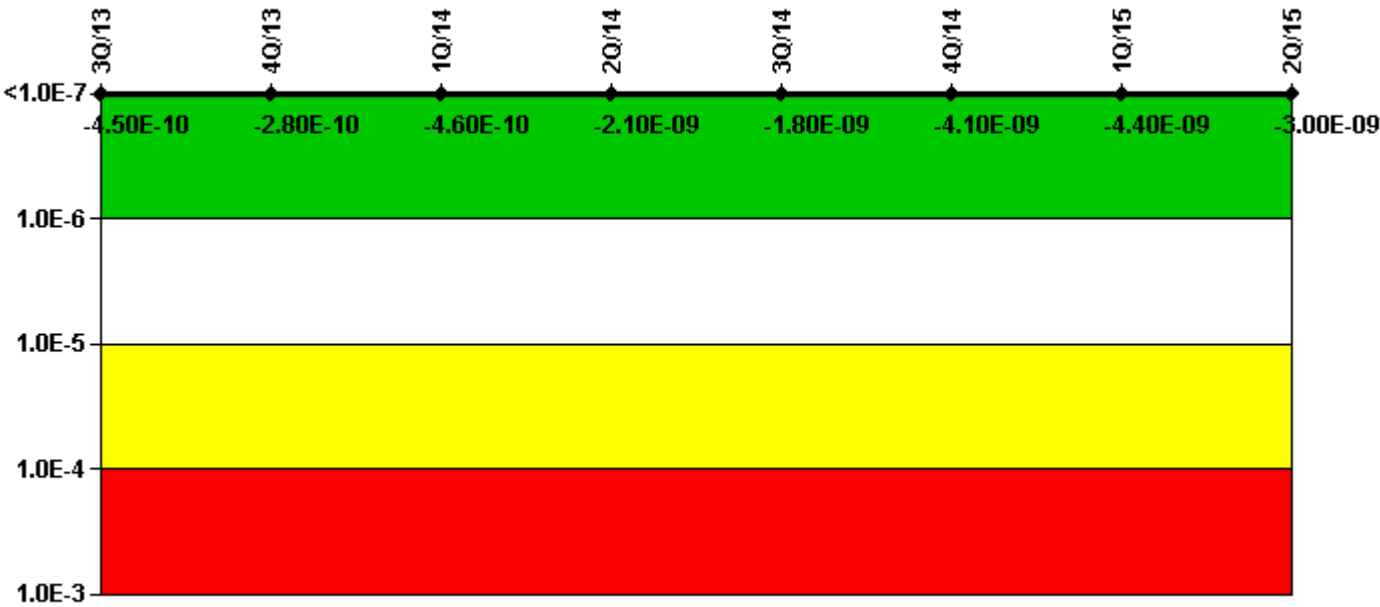
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Safety System Functional Failures	0	0	0	0	0	1	0	0
Indicator value	1	1	1	0	0	1	1	1

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

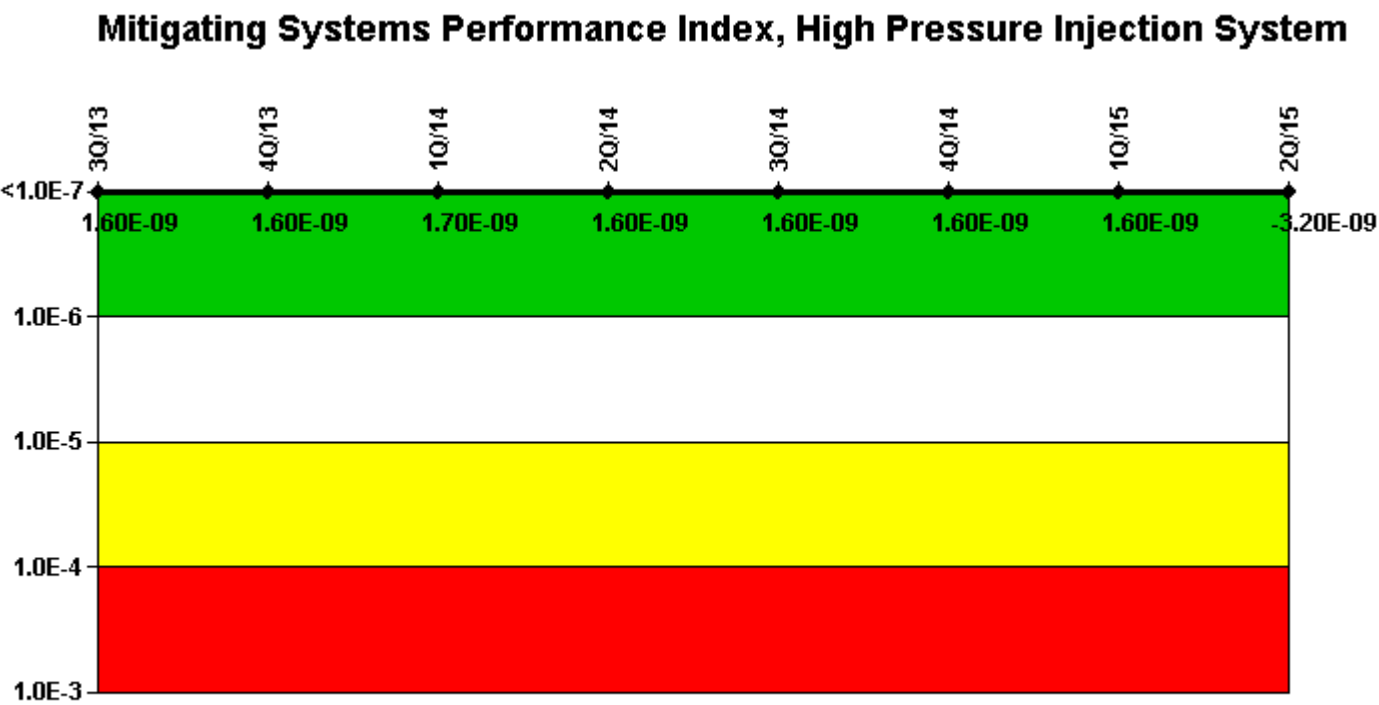


Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
UAI (ΔCDF)	3.18E-09	3.16E-09	2.88E-09	8.53E-10	8.21E-10	5.11E-10	7.33E-10	2.04E-09
URI (ΔCDF)	-3.63E-09	-3.44E-09	-3.34E-09	-2.94E-09	-2.58E-09	-4.62E-09	-5.14E-09	-5.02E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.50E-10	-2.80E-10	-4.60E-10	-2.10E-09	-1.80E-09	-4.10E-09	-4.40E-09	-3.00E-09

Licensee Comments: none

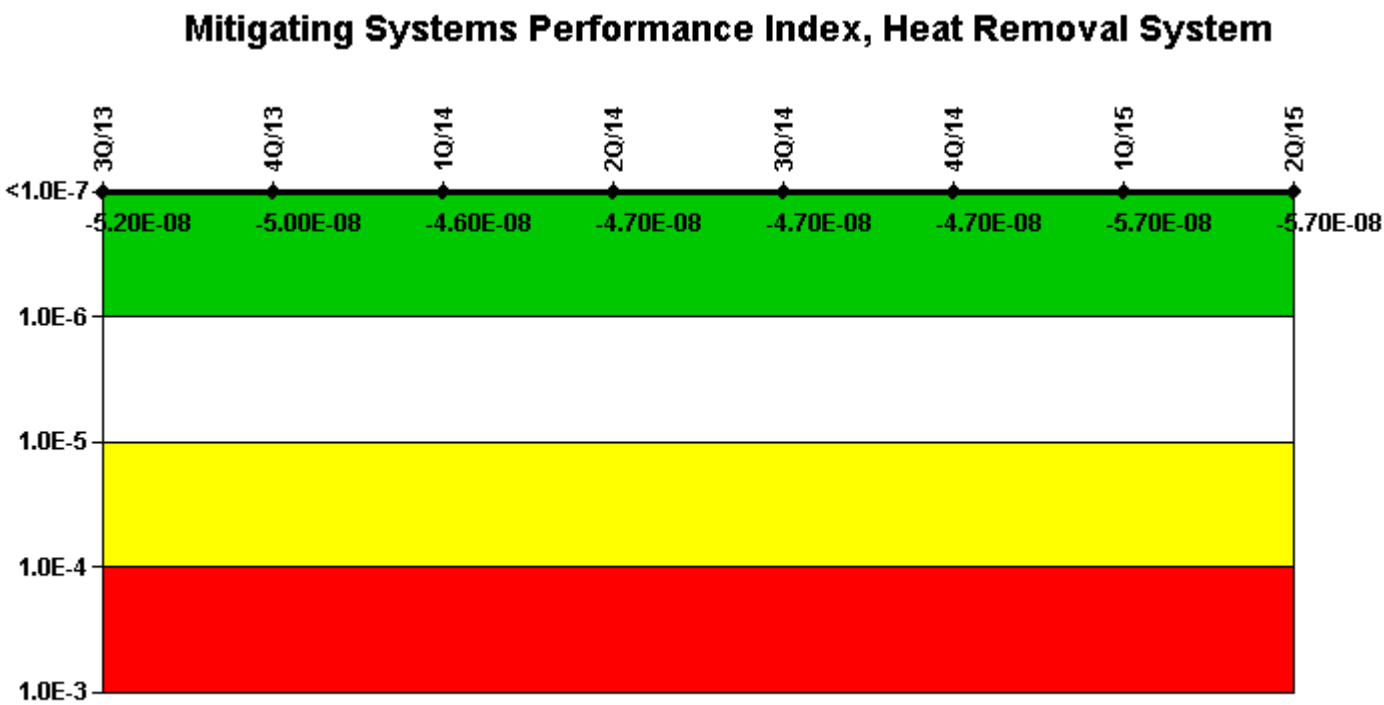


Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
UAI (ΔCDF)	3.14E-09	3.14E-09	3.38E-09	3.25E-09	3.31E-09	3.41E-09	3.40E-09	-1.46E-09
URI (ΔCDF)	-1.50E-09	-1.59E-09	-1.63E-09	-1.67E-09	-1.72E-09	-1.77E-09	-1.76E-09	-1.76E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.60E-09	1.60E-09	1.70E-09	1.60E-09	1.60E-09	1.60E-09	1.60E-09	-3.20E-09

Licensee Comments: none



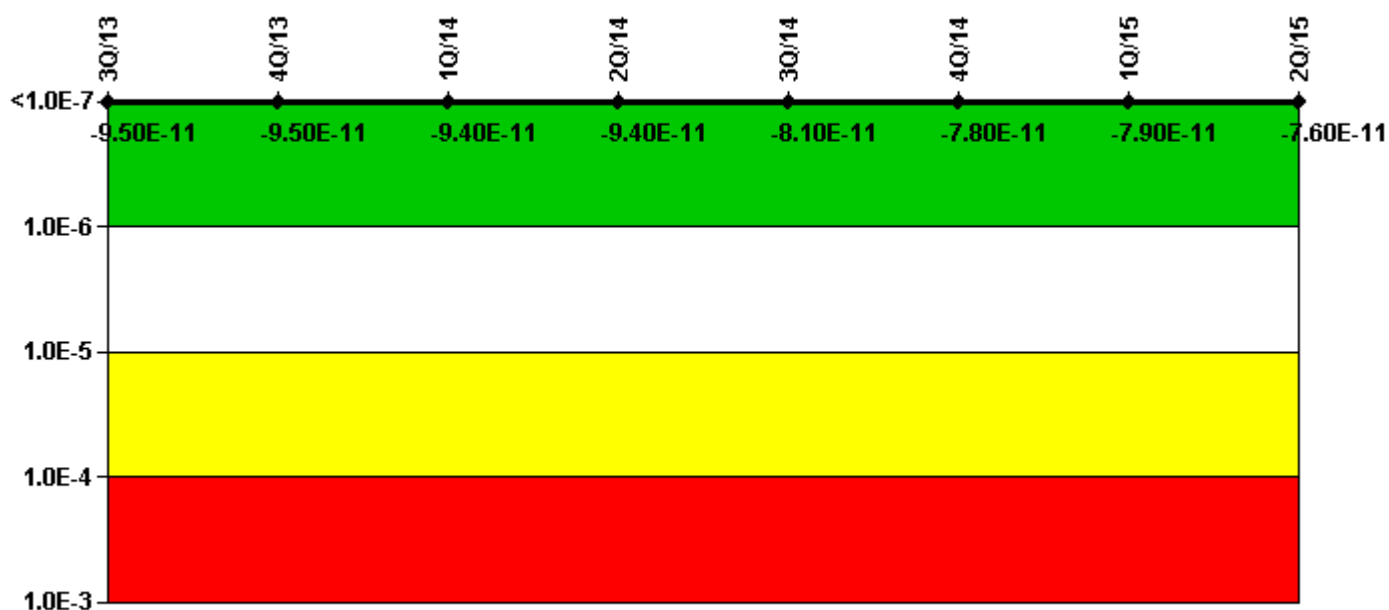
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (ΔCDF)	1.66E-08	1.87E-08	2.33E-08	2.17E-08	2.16E-08	2.23E-08	1.17E-08	1.21E-08
URI (ΔCDF)	-6.89E-08	-6.88E-08	-6.88E-08	-6.88E-08	-6.88E-08	-6.89E-08	-6.89E-08	-6.90E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.20E-08	-5.00E-08	-4.60E-08	-4.70E-08	-4.70E-08	-4.70E-08	-5.70E-08	-5.70E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



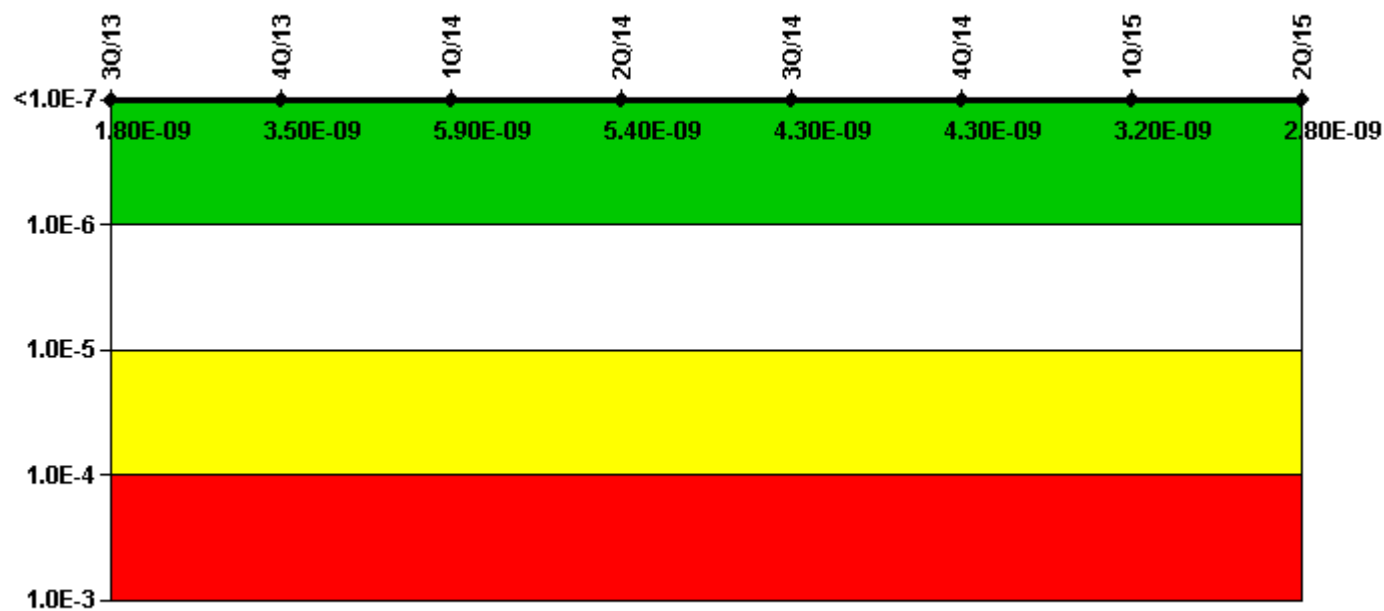
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
UAI (Δ CDF)	-2.06E-11	-2.06E-11	-1.89E-11	-1.90E-11	-5.95E-12	-3.62E-12	-4.51E-12	-1.36E-12
URI (Δ CDF)	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-9.50E-11	-9.50E-11	-9.40E-11	-9.40E-11	-8.10E-11	-7.80E-11	-7.90E-11	-7.60E-11

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



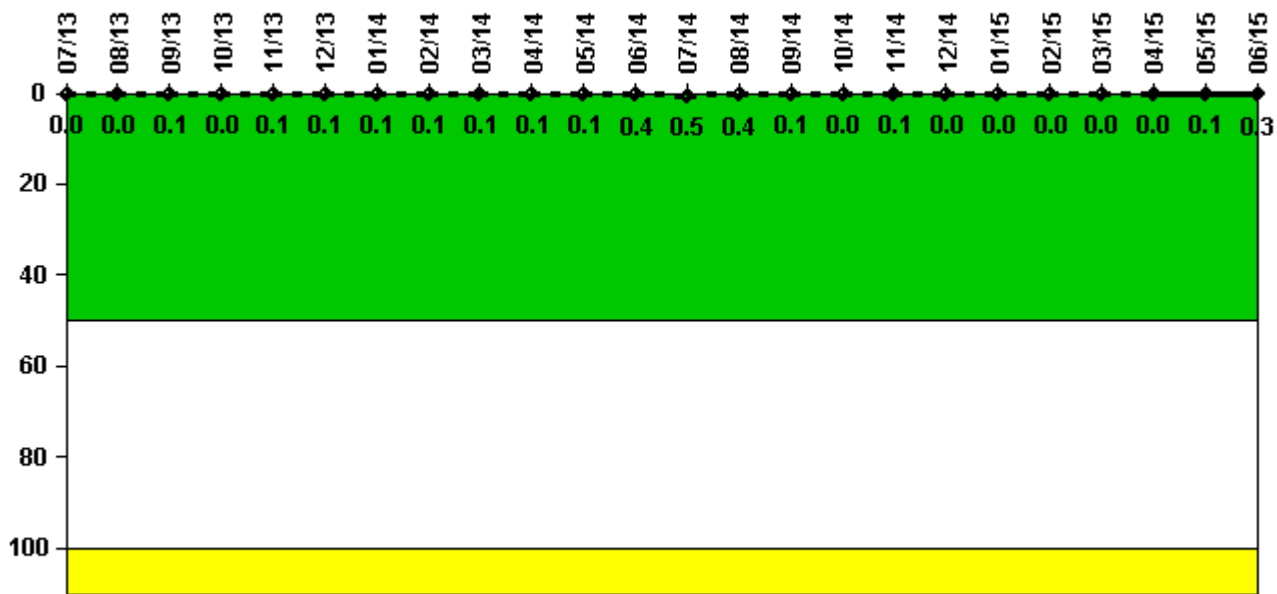
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
UAI (ΔCDF)	6.35E-09	8.01E-09	1.04E-08	9.97E-09	8.79E-09	8.84E-09	7.74E-09	7.33E-09
URI (ΔCDF)	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.80E-09	3.50E-09	5.90E-09	5.40E-09	4.30E-09	4.30E-09	3.20E-09	2.80E-09

Licensee Comments: none

Reactor Coolant System Activity



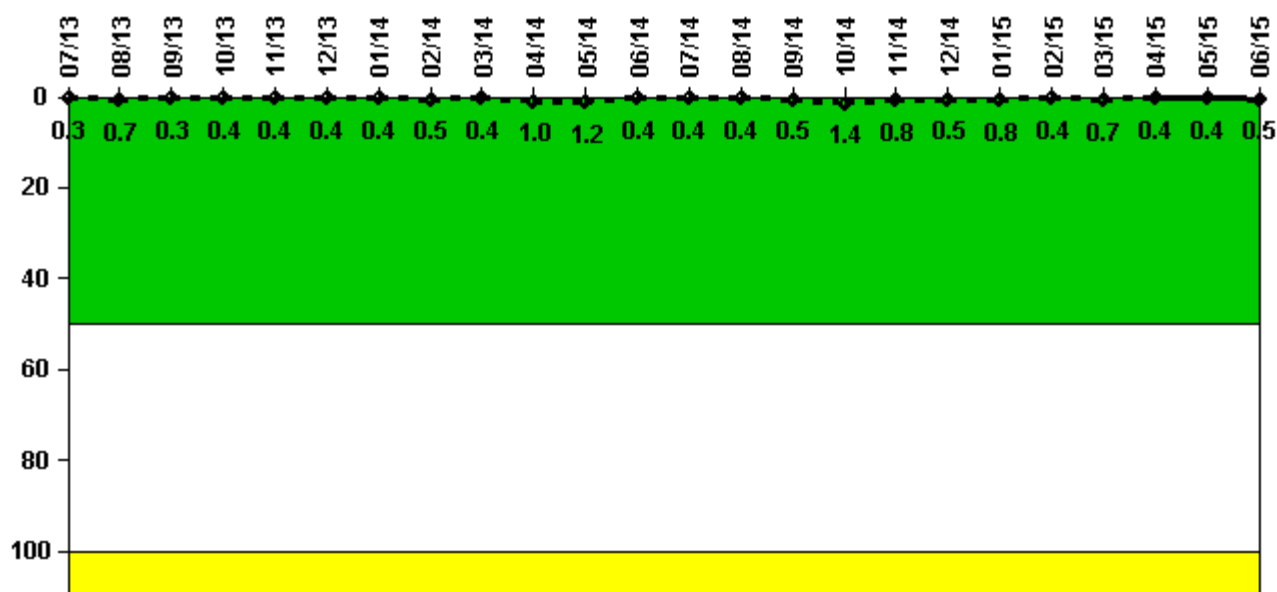
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/13	8/13	9/13	10/13	11/13	12/13	1/14	2/14	3/14	4/14	5/14	6/14
Maximum activity	0.000100	0.000100	0.000240	0.000100	0.000200	0.000210	0.000200	0.000280	0.000180	0.000350	0.000220	0.000980
Technical specification limit	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Indicator value	0	0	0.1	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.4
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	0.001300	0.000950	0.000190	0.000068	0.000160	0.000120	0.000100	0.000100	0.000100	0.000110	0.000240	0.000640
Technical specification limit	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Indicator value	0.5	0.4	0.1	0	0.1	0	0	0	0	0	0.1	0.3

Licensee Comments: none

Reactor Coolant System Leakage

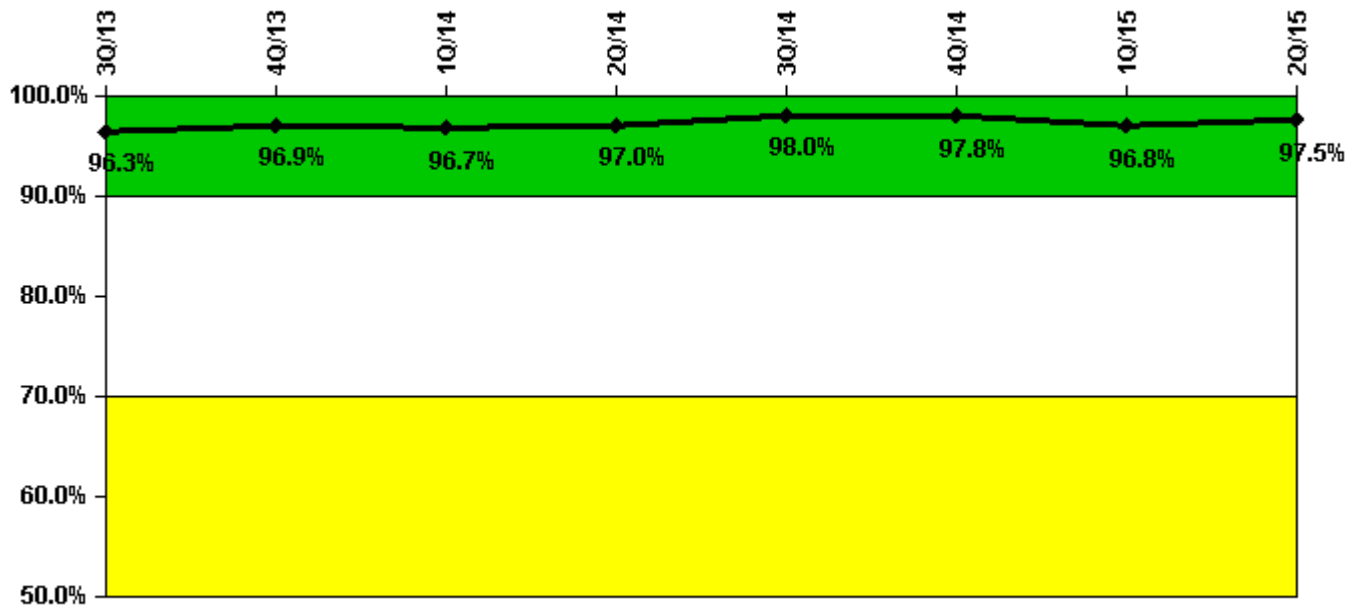


Thresholds: White > 50.0 Yellow > 100.0

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	0.030	0.070	0.030	0.040	0.040	0.040	0.040	0.050	0.040	0.100	0.120	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	0.3	0.7	0.3	0.4	0.4	0.4	0.4	0.5	0.4	1.0	1.2	0.4
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	0.040	0.040	0.050	0.140	0.080	0.050	0.080	0.040	0.070	0.040	0.040	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	0.4	0.4	0.5	1.4	0.8	0.5	0.8	0.4	0.7	0.4	0.4	0.5

Licensee Comments: none

Drill/Exercise Performance

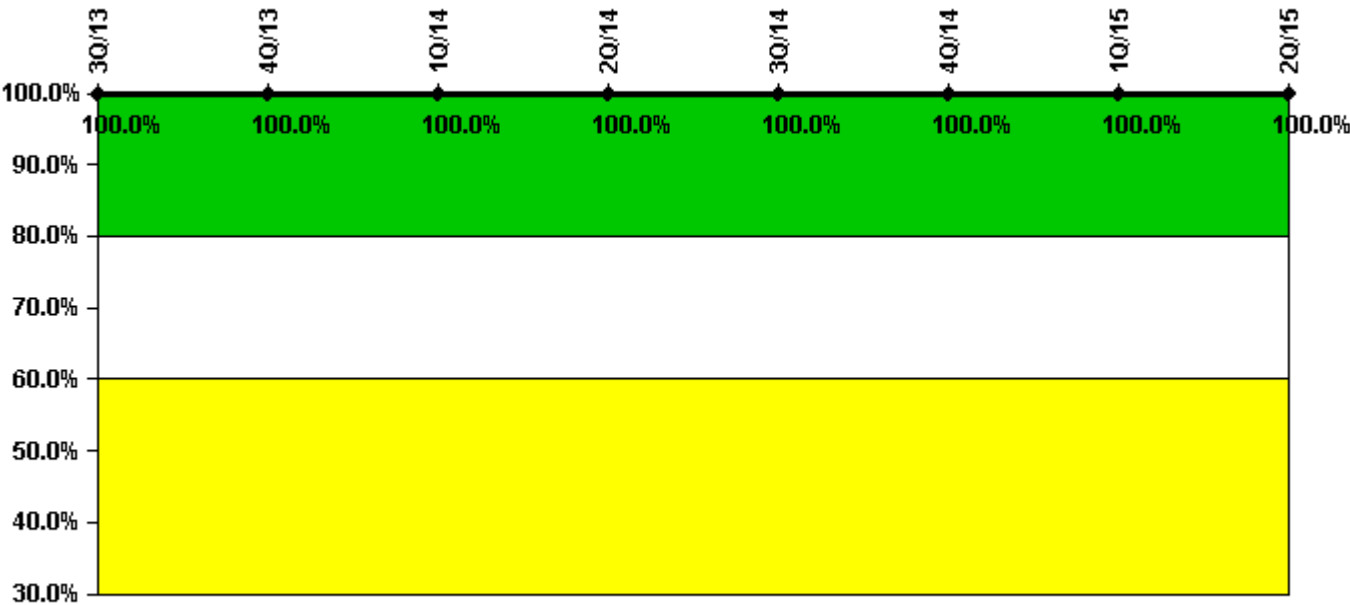
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Successful opportunities	33.0	37.0	36.0	12.0	18.0	39.0	29.0	33.0
Total opportunities	35.0	37.0	37.0	12.0	18.0	39.0	32.0	33.0
Indicator value	96.3%	96.9%	96.7%	97.0%	98.0%	97.8%	96.8%	97.5%

Licensee Comments: none

ERO Drill Participation



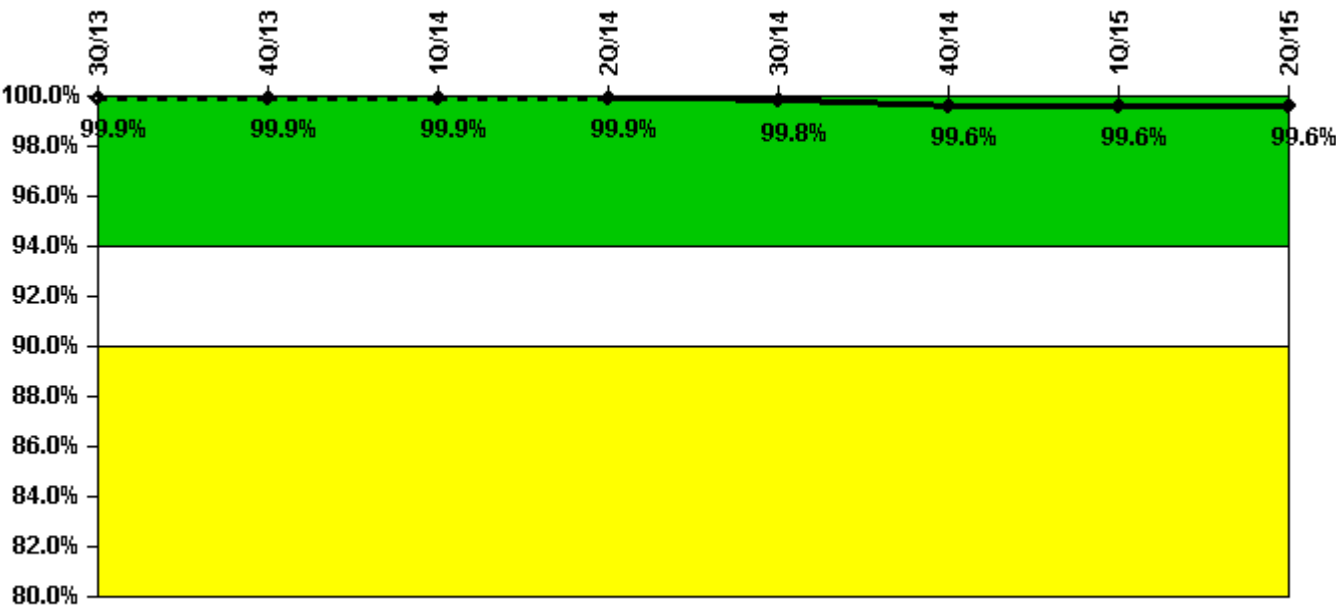
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Participating Key personnel	106.0	111.0	112.0	105.0	99.0	102.0	102.0	105.0
Total Key personnel	106.0	111.0	112.0	105.0	99.0	102.0	102.0	105.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



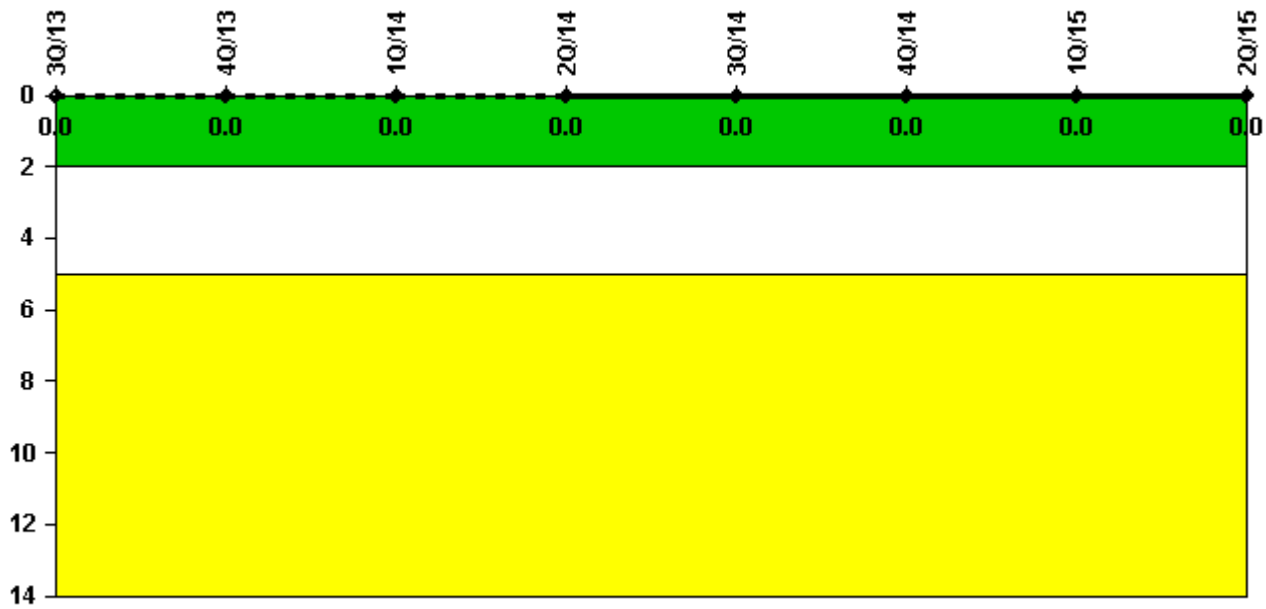
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Successful siren-tests	376	376	328	329	374	373	329	329
Total sirens-tests	376	376	329	329	376	376	329	329
Indicator value	99.9%	99.9%	99.9%	99.9%	99.8%	99.6%	99.6%	99.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness

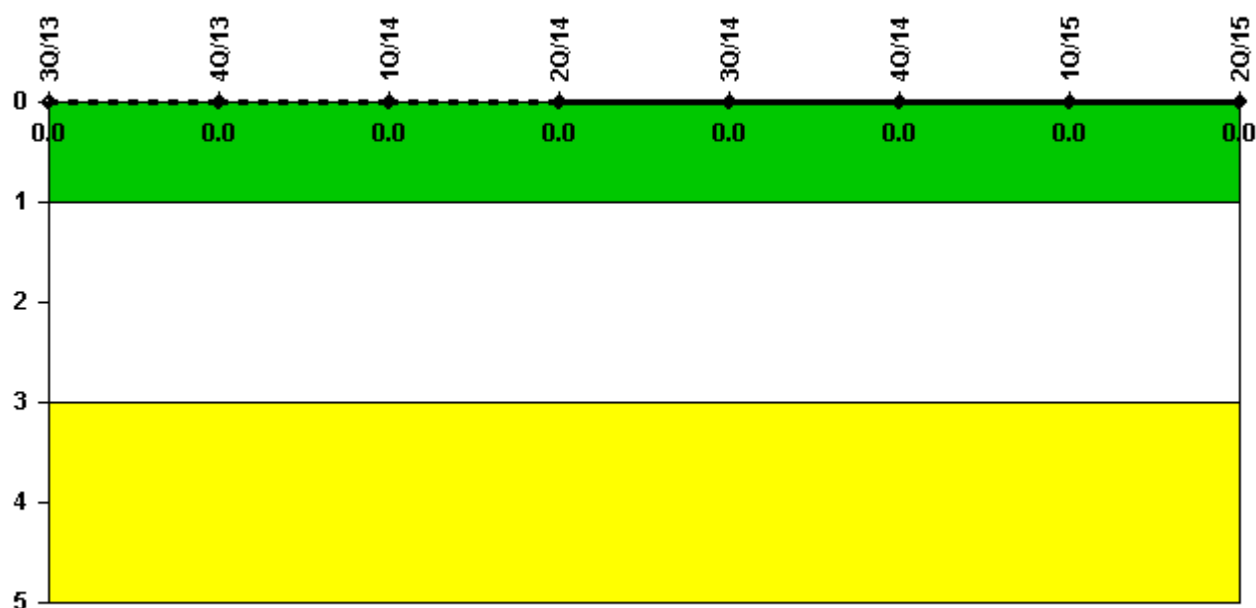


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.



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

Last Modified: July 24, 2015

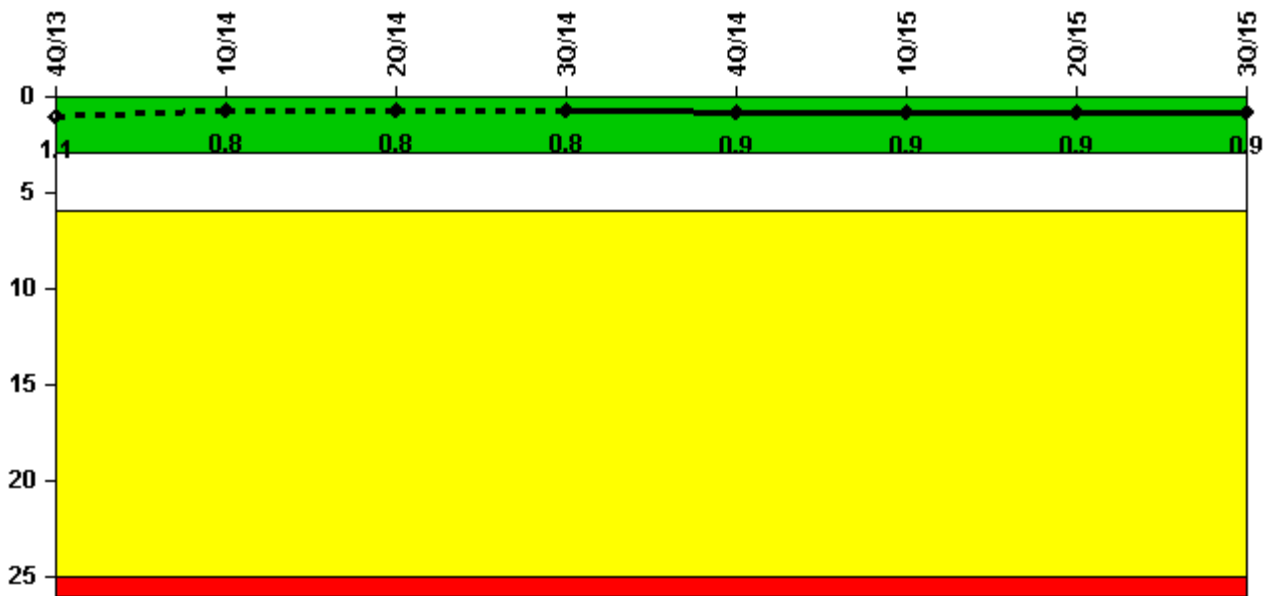
Turkey Point 4

3Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



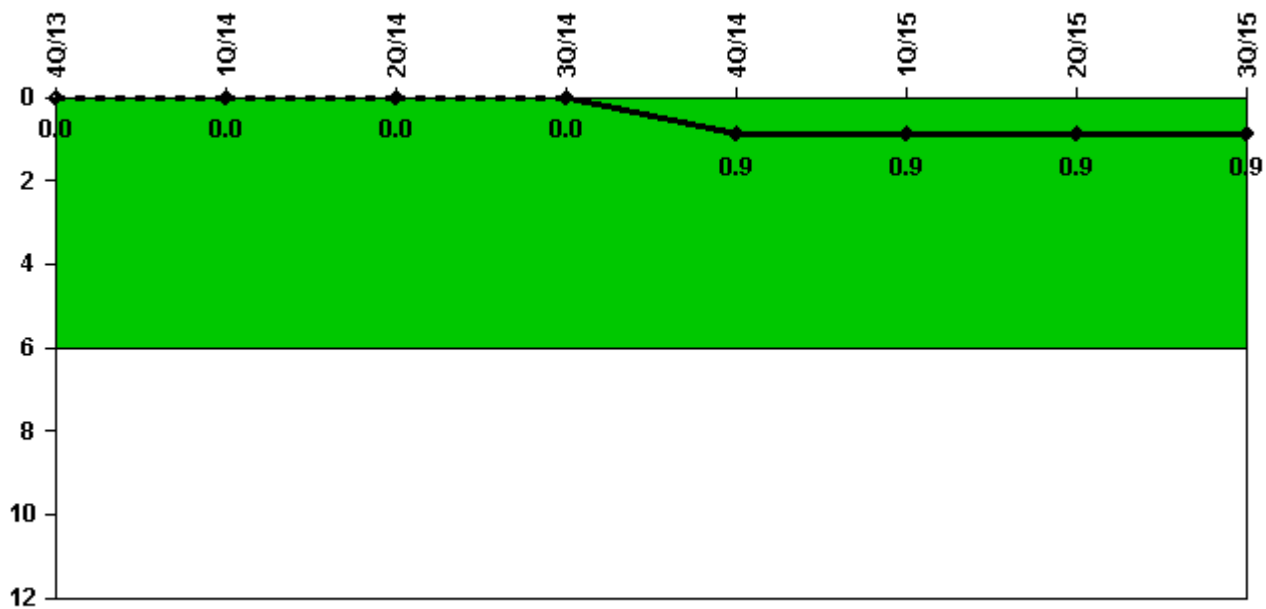
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0	1.0	0
Critical hours	2209.0	2159.0	2100.5	1992.0	1644.9	2159.0	2073.8	2208.0
Indicator value	1.1	0.8	0.8	0.8	0.9	0.9	0.9	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



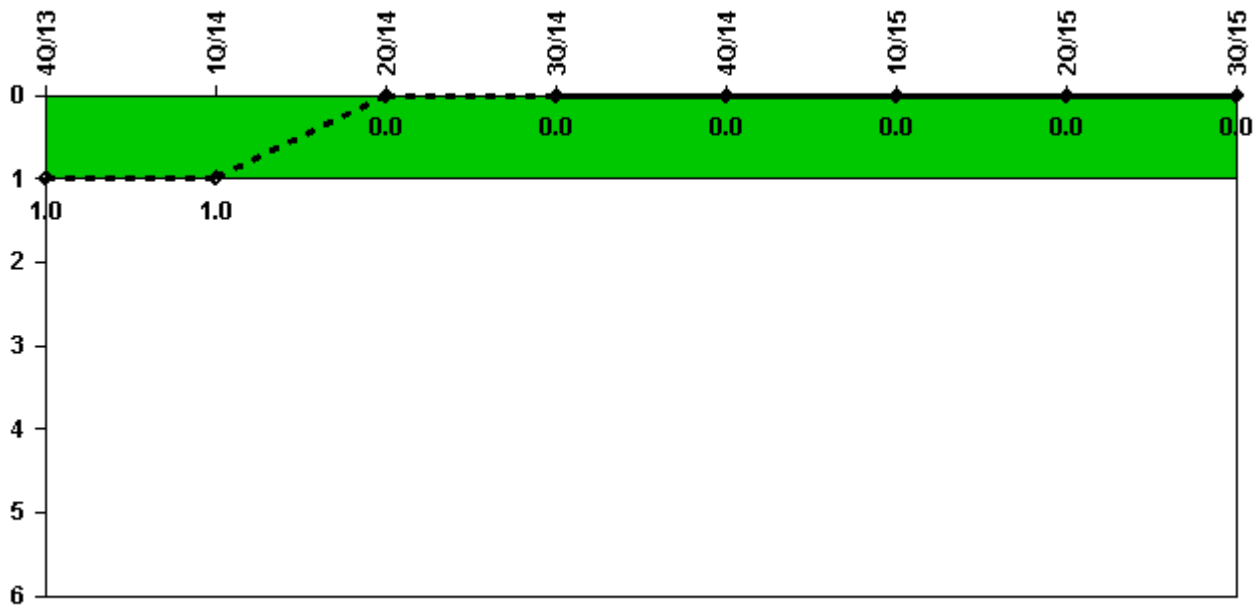
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Unplanned power changes	0	0	0	0	1.0	0	0	0
Critical hours	2209.0	2159.0	2100.5	1992.0	1644.9	2159.0	2073.8	2208.0
Indicator value	0	0	0	0	0.9	0.9	0.9	0.9

Licensee Comments: none

Unplanned Scrams with Complications



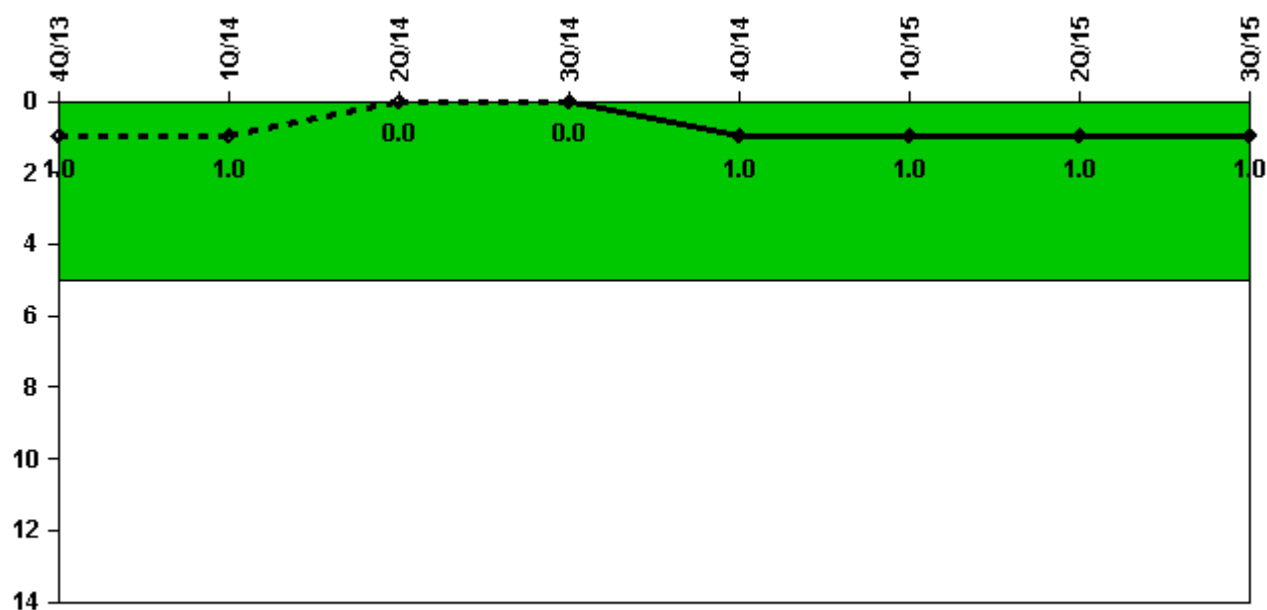
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/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	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



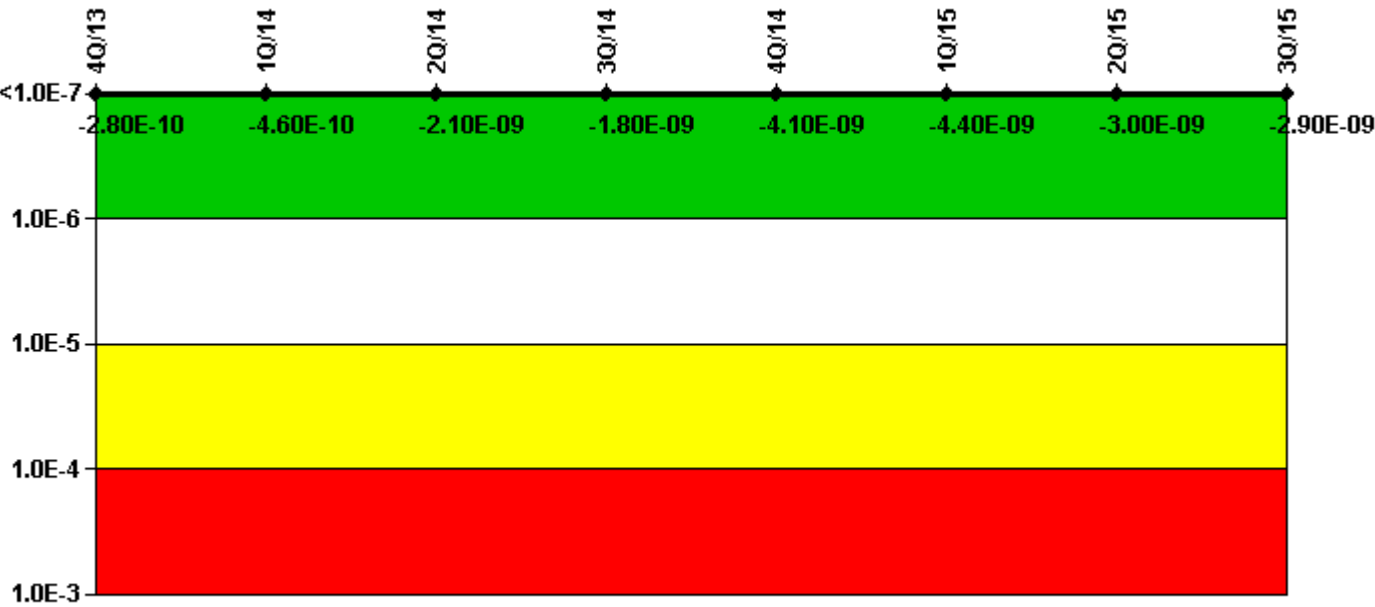
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Safety System Functional Failures	0	0	0	0	1	0	0	0
Indicator value	1	1	0	0	1	1	1	1

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



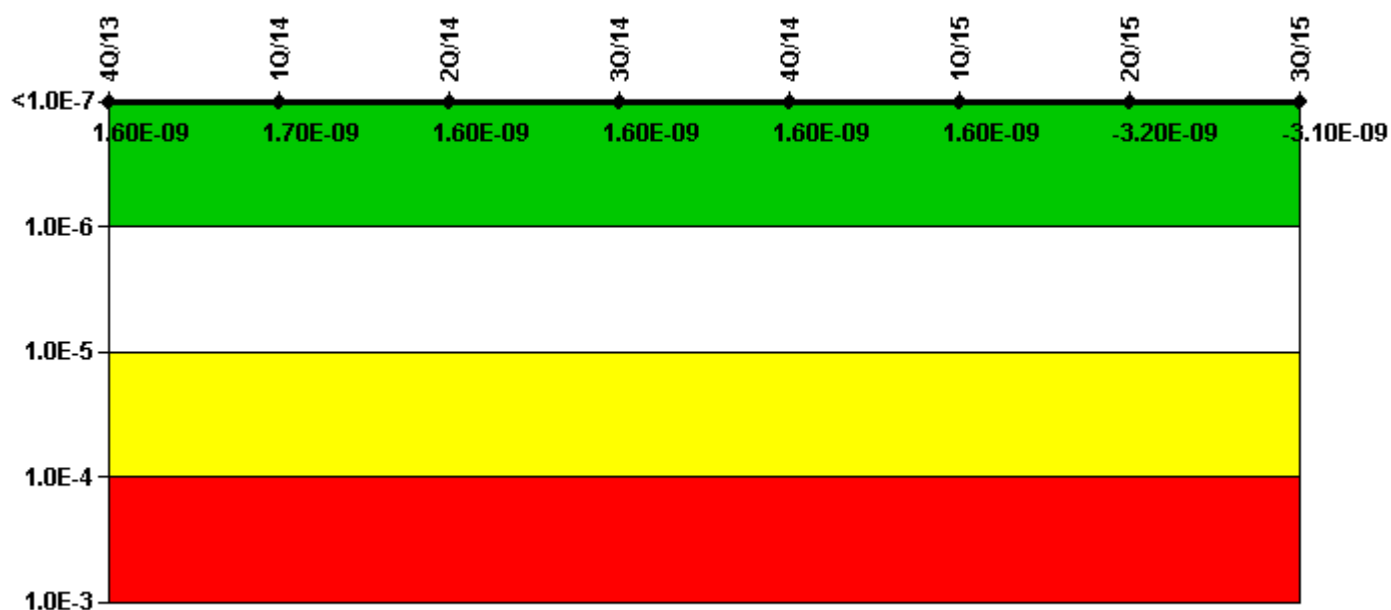
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
UAI (ΔCDF)	3.16E-09	2.88E-09	8.53E-10	8.21E-10	5.11E-10	7.33E-10	2.04E-09	2.09E-09
URI (ΔCDF)	-3.44E-09	-3.34E-09	-2.94E-09	-2.58E-09	-4.62E-09	-5.14E-09	-5.02E-09	-5.04E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.80E-10	-4.60E-10	-2.10E-09	-1.80E-09	-4.10E-09	-4.40E-09	-3.00E-09	-2.90E-09

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



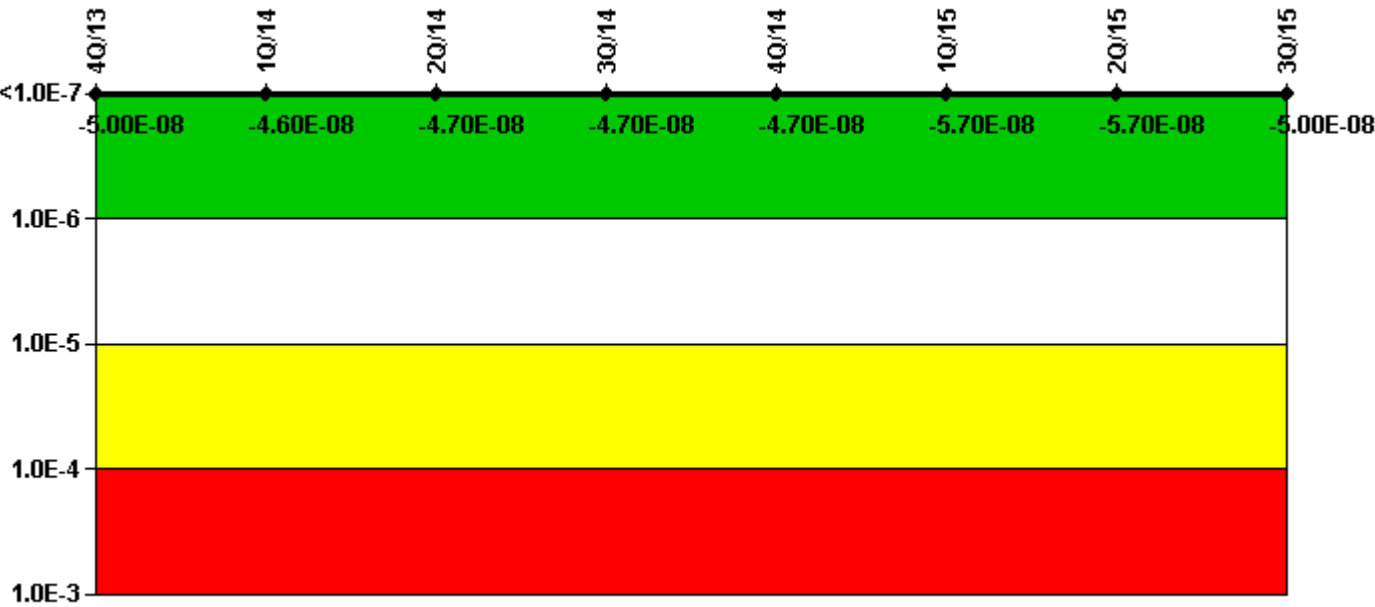
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
UAI (Δ CDF)	3.14E-09	3.38E-09	3.25E-09	3.31E-09	3.41E-09	3.40E-09	-1.46E-09	-1.33E-09
URI (Δ CDF)	-1.59E-09	-1.63E-09	-1.67E-09	-1.72E-09	-1.77E-09	-1.76E-09	-1.76E-09	-1.76E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.60E-09	1.70E-09	1.60E-09	1.60E-09	1.60E-09	1.60E-09	-3.20E-09	-3.10E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



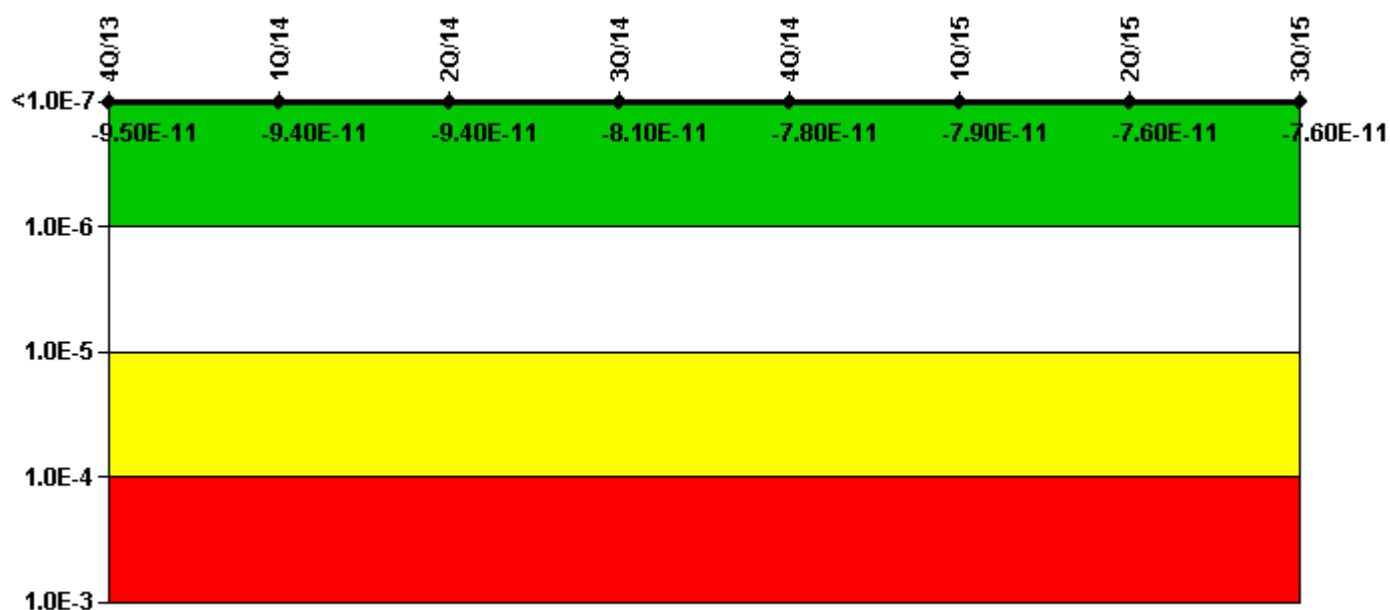
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
UAI (ΔCDF)	1.87E-08	2.33E-08	2.17E-08	2.16E-08	2.23E-08	1.17E-08	1.21E-08	1.88E-08
URI (ΔCDF)	-6.88E-08	-6.88E-08	-6.88E-08	-6.88E-08	-6.89E-08	-6.89E-08	-6.90E-08	-6.90E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.00E-08	-4.60E-08	-4.70E-08	-4.70E-08	-4.70E-08	-5.70E-08	-5.70E-08	-5.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



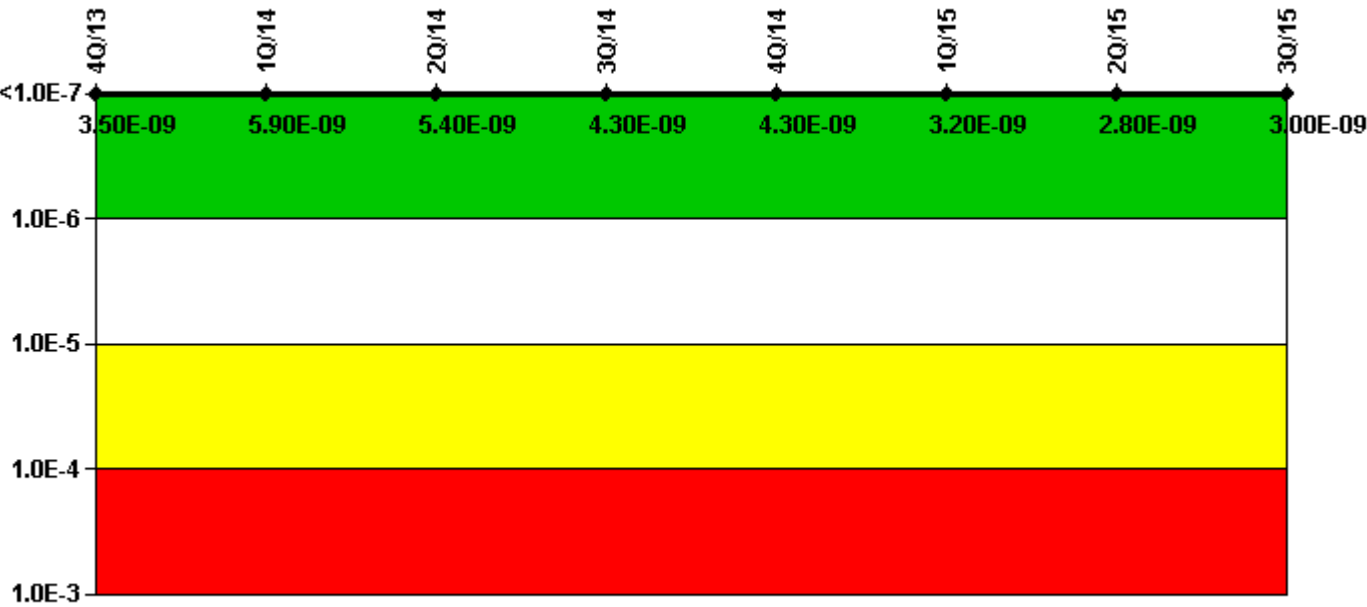
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
UAI (Δ CDF)	-2.06E-11	-1.89E-11	-1.90E-11	-5.95E-12	-3.62E-12	-4.51E-12	-1.36E-12	-1.10E-12
URI (Δ CDF)	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-9.50E-11	-9.40E-11	-9.40E-11	-8.10E-11	-7.80E-11	-7.90E-11	-7.60E-11	-7.60E-11

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



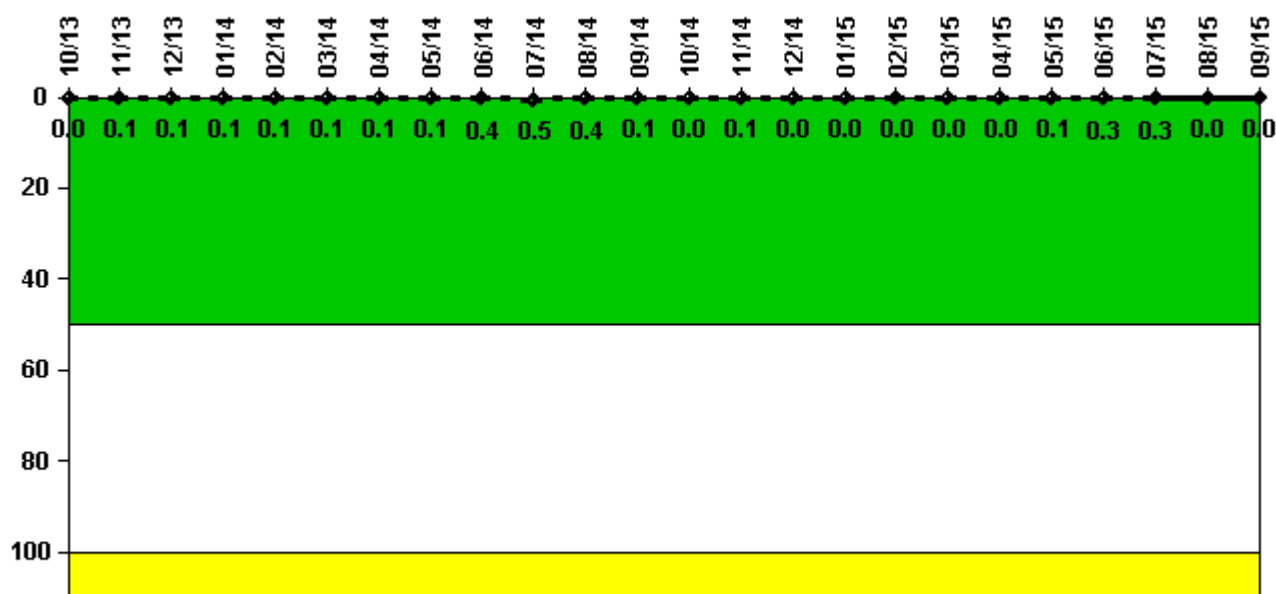
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
UAI (ΔCDF)	8.01E-09	1.04E-08	9.97E-09	8.79E-09	8.84E-09	7.74E-09	7.33E-09	7.52E-09
URI (ΔCDF)	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.50E-09	5.90E-09	5.40E-09	4.30E-09	4.30E-09	3.20E-09	2.80E-09	3.00E-09

Licensee Comments: none

Reactor Coolant System Activity



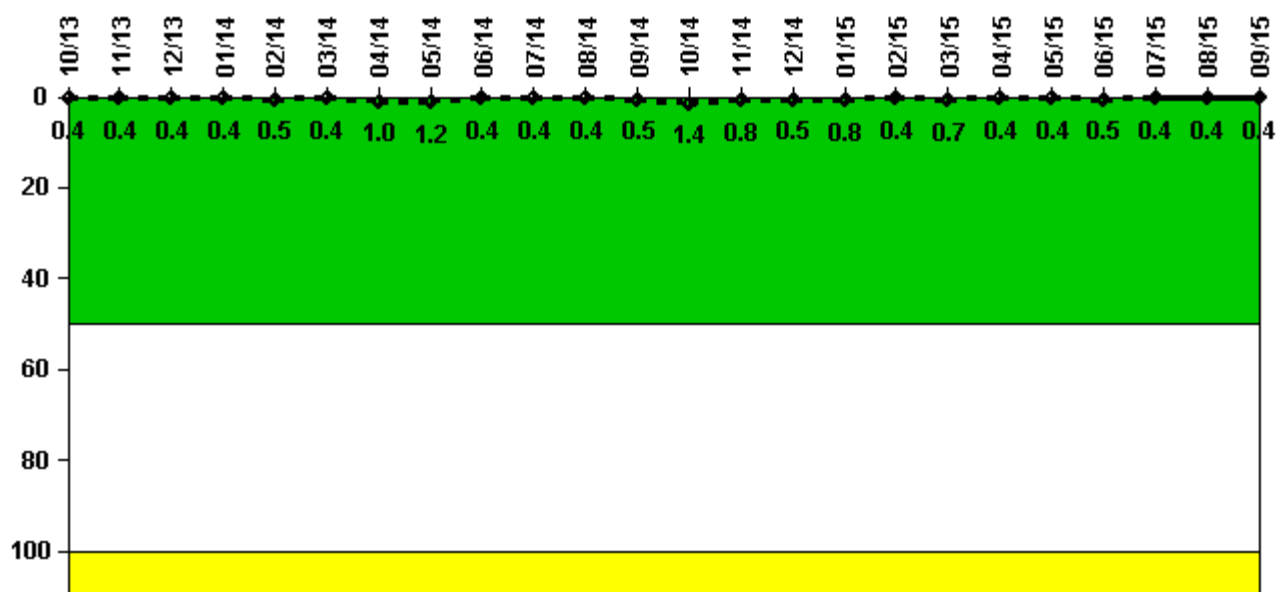
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/13	11/13	12/13	1/14	2/14	3/14	4/14	5/14	6/14	7/14	8/14	9/14
Maximum activity	0.000100	0.000200	0.000210	0.000200	0.000280	0.000180	0.000350	0.000220	0.000980	0.001300	0.000950	0.000190
Technical specification limit	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Indicator value	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.4	0.5	0.4	0.1
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	0.000068	0.000160	0.000120	0.000100	0.000100	0.000100	0.000110	0.000240	0.000640	0.000850	0.000120	0.000120
Technical specification limit	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Indicator value	0	0.1	0	0	0	0	0	0.1	0.3	0.3	0	0

Licensee Comments: none

Reactor Coolant System Leakage



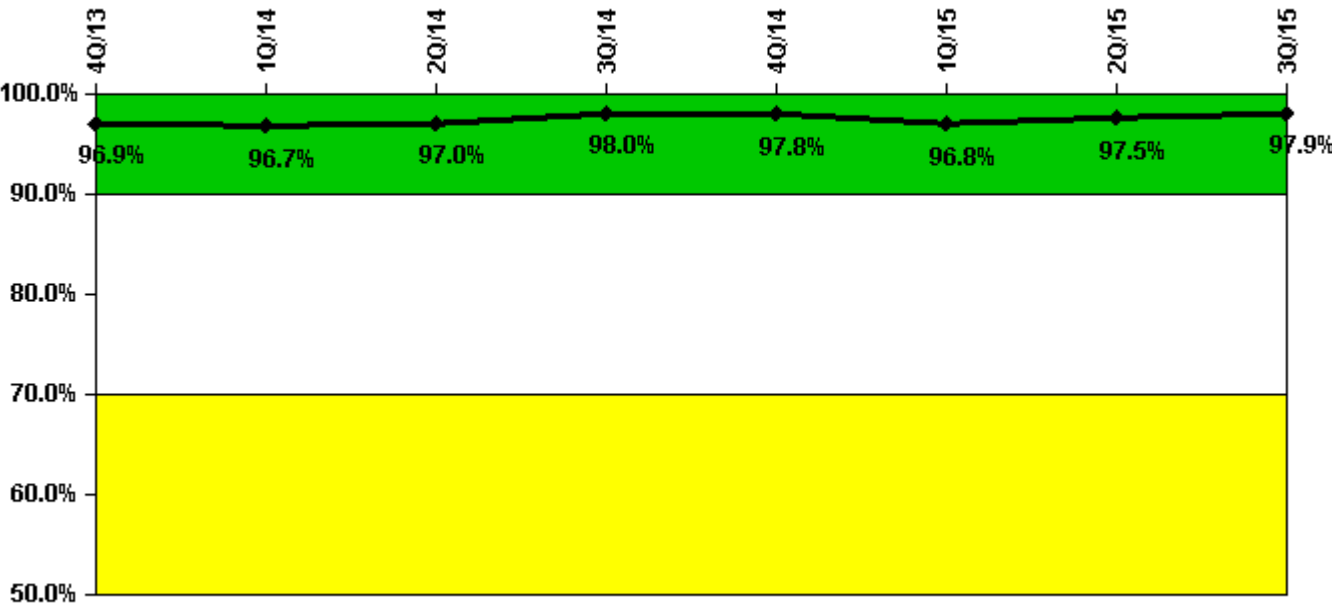
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/13	11/13	12/13	1/14	2/14	3/14	4/14	5/14	6/14	7/14	8/14	9/14
Maximum leakage	0.040	0.040	0.040	0.040	0.050	0.040	0.100	0.120	0.040	0.040	0.040	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	0.4	0.4	0.4	0.4	0.5	0.4	1.0	1.2	0.4	0.4	0.4	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	0.140	0.080	0.050	0.080	0.040	0.070	0.040	0.040	0.050	0.040	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	1.4	0.8	0.5	0.8	0.4	0.7	0.4	0.4	0.5	0.4	0.4	0.4

Licensee Comments: none

Drill/Exercise Performance



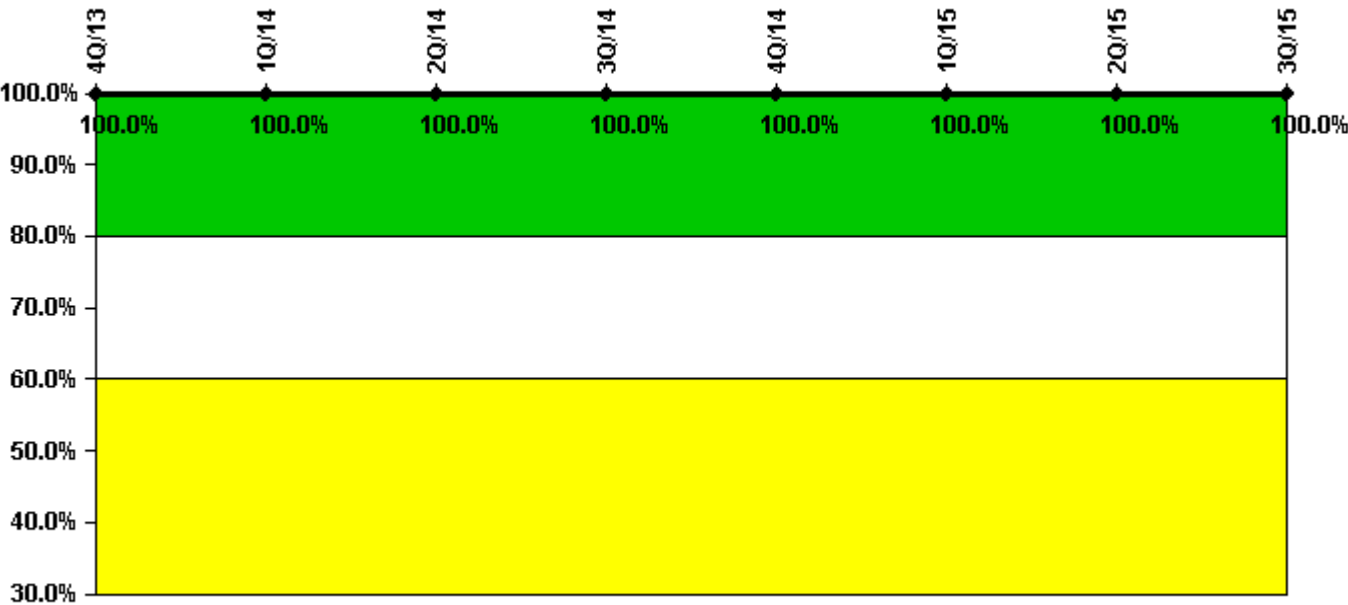
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Successful opportunities	37.0	36.0	12.0	18.0	39.0	29.0	33.0	29.0
Total opportunities	37.0	37.0	12.0	18.0	39.0	32.0	33.0	30.0
Indicator value	96.9%	96.7%	97.0%	98.0%	97.8%	96.8%	97.5%	97.9%

Licensee Comments: none

ERO Drill Participation



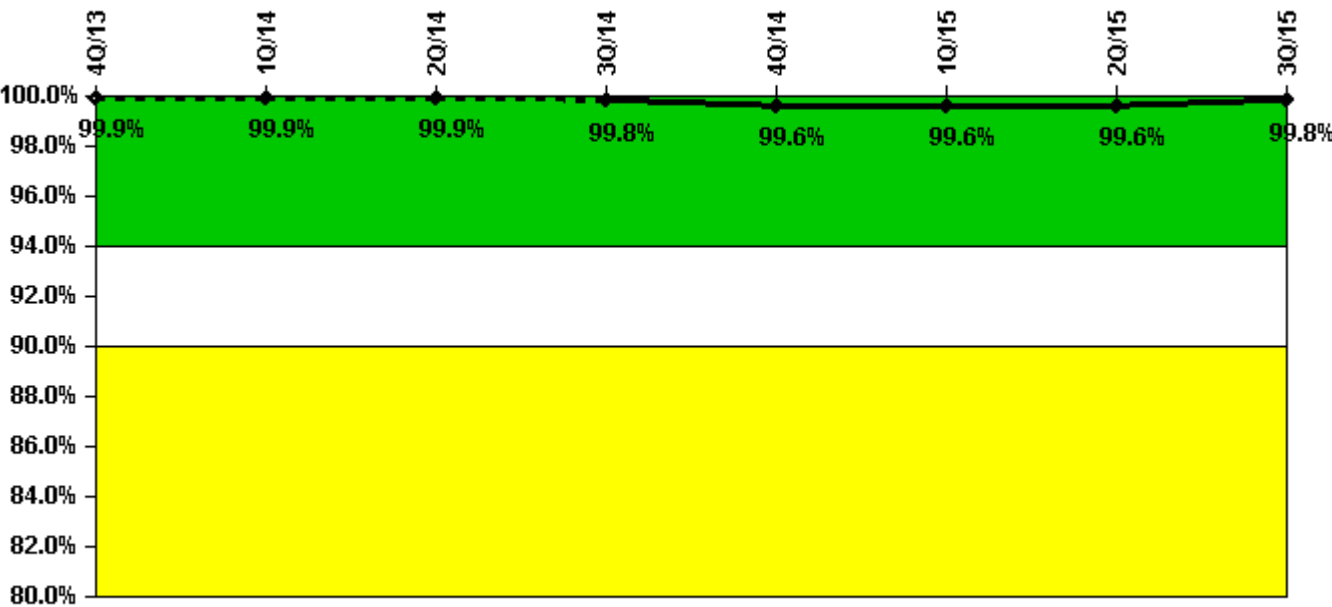
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Participating Key personnel	111.0	112.0	105.0	99.0	102.0	102.0	105.0	105.0
Total Key personnel	111.0	112.0	105.0	99.0	102.0	102.0	105.0	105.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



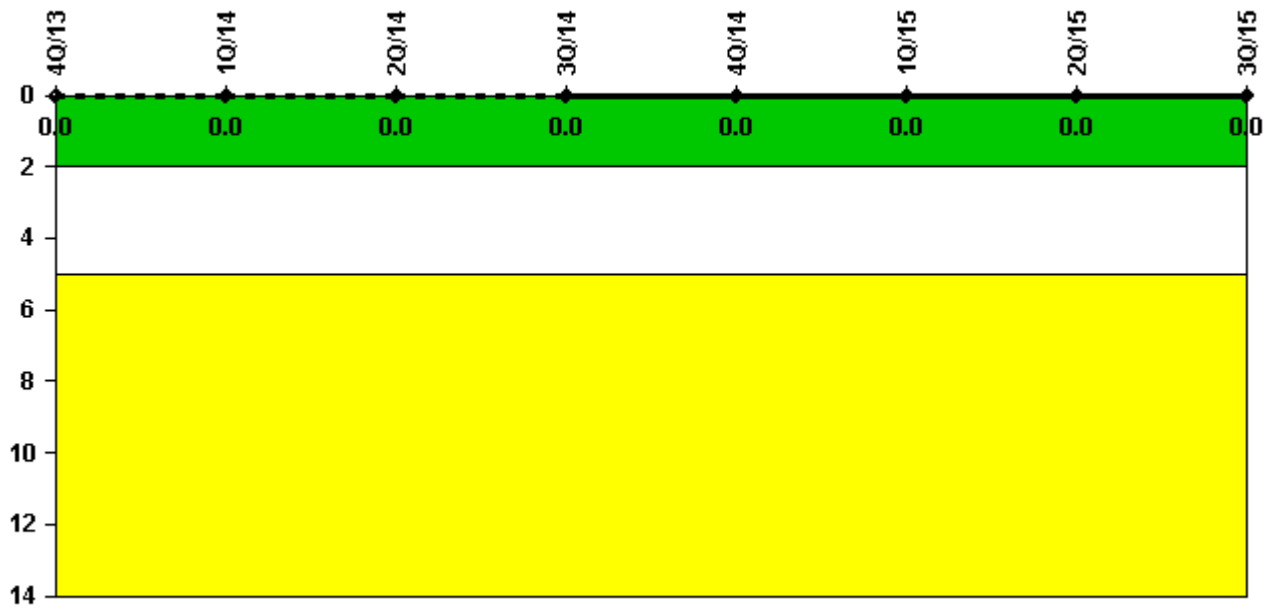
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Successful siren-tests	376	328	329	374	373	329	329	376
Total sirens-tests	376	329	329	376	376	329	329	376
Indicator value	99.9%	99.9%	99.9%	99.8%	99.6%	99.6%	99.6%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness

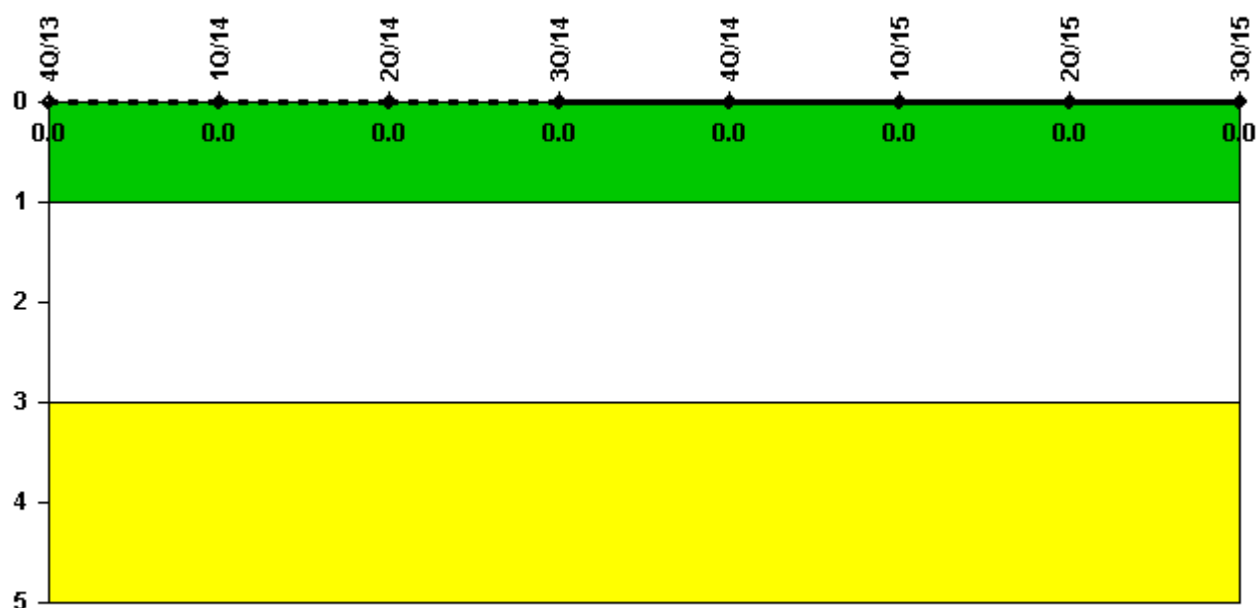


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.



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

Last Modified: December 15, 2015

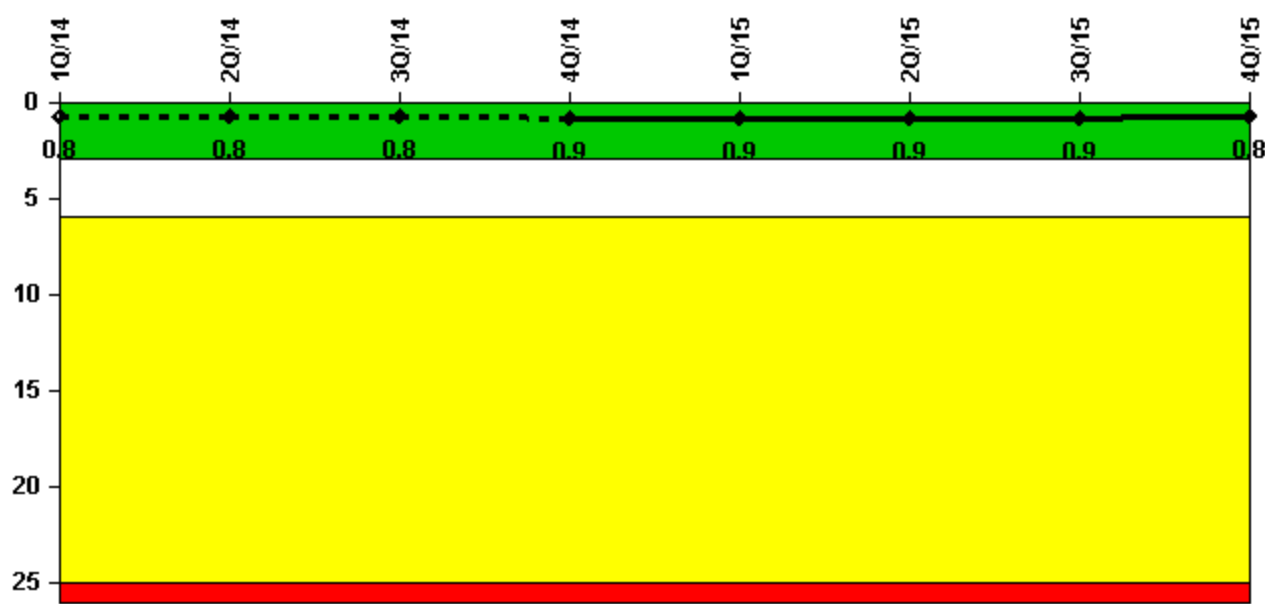
Turkey Point 4

4Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



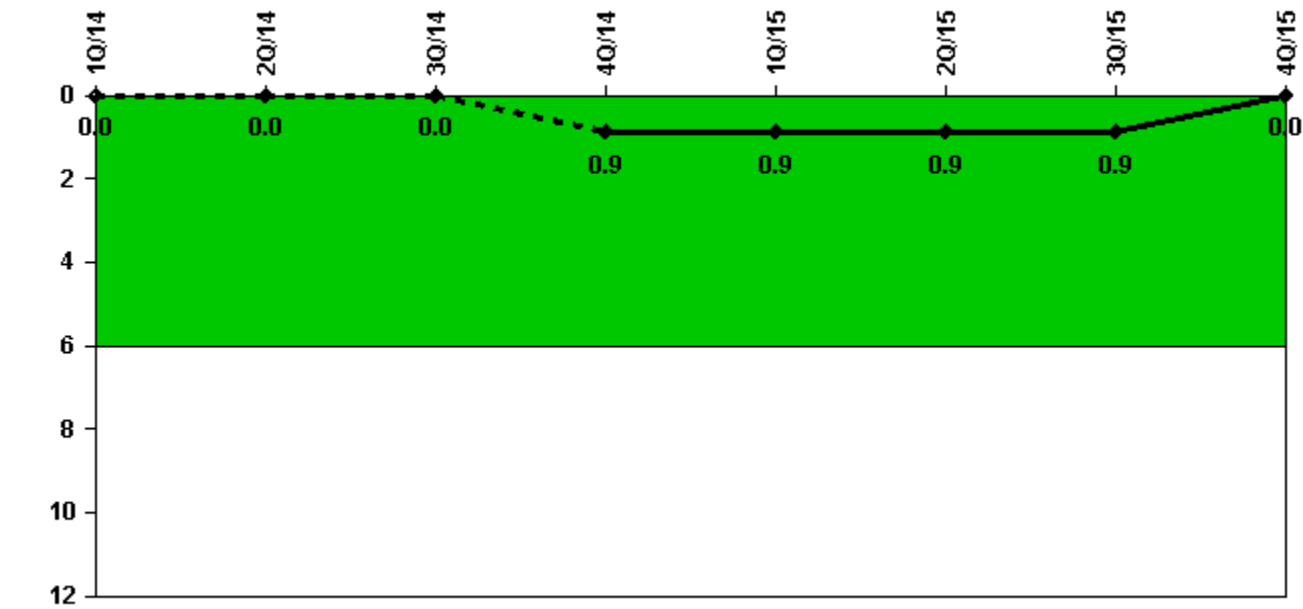
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0	1.0	0	0
Critical hours	2159.0	2100.5	1992.0	1644.9	2159.0	2073.8	2208.0	2209.0
Indicator value	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.8

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



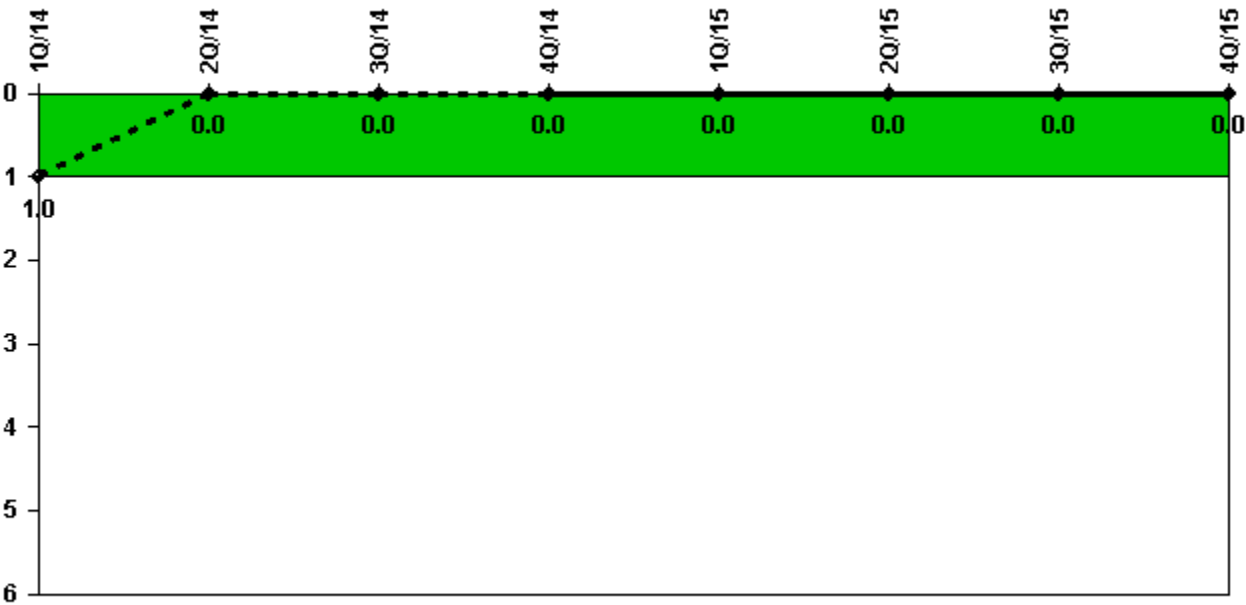
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Unplanned power changes	0	0	0	1.0	0	0	0	0
Critical hours	2159.0	2100.5	1992.0	1644.9	2159.0	2073.8	2208.0	2209.0
Indicator value	0	0	0	0.9	0.9	0.9	0.9	0

Licensee Comments: none

Unplanned Scrams with Complications



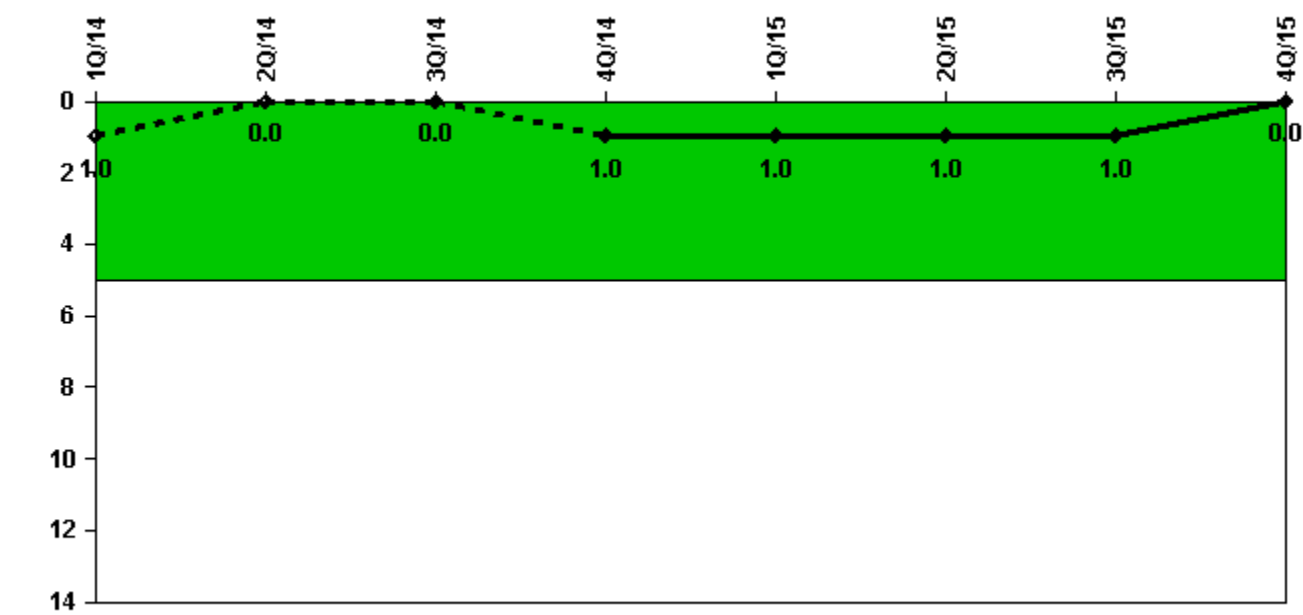
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/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	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



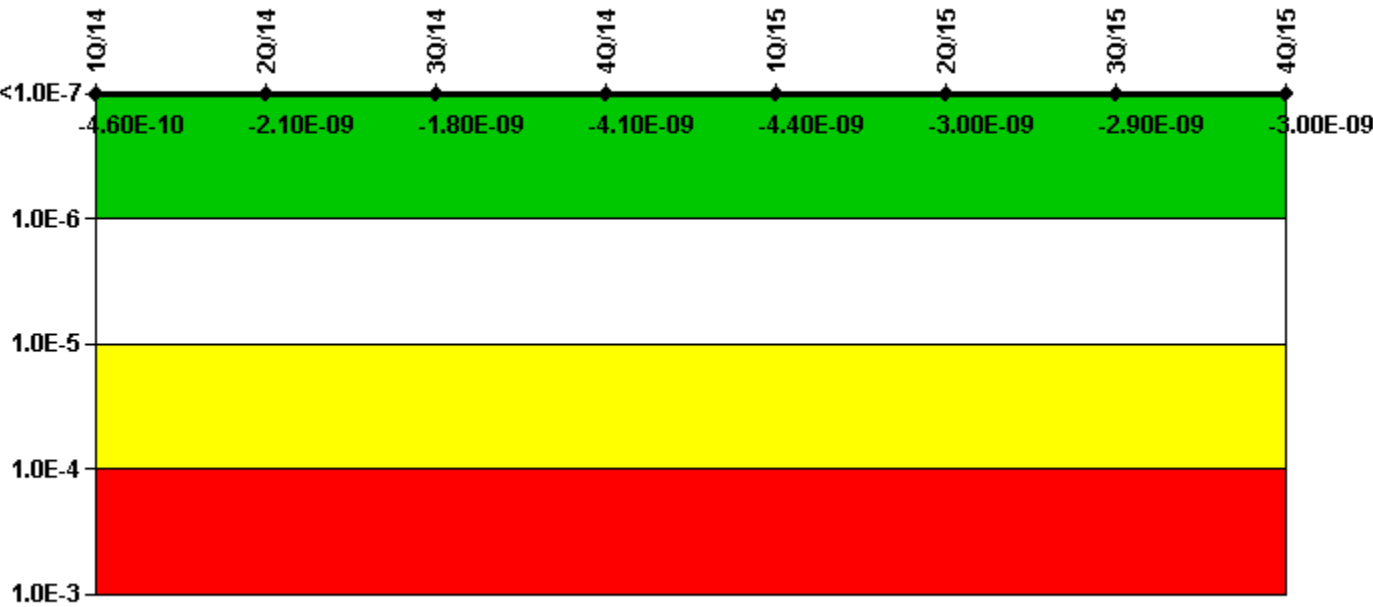
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Safety System Functional Failures	0	0	0	1	0	0	0	0
Indicator value	1	0	0	1	1	1	1	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

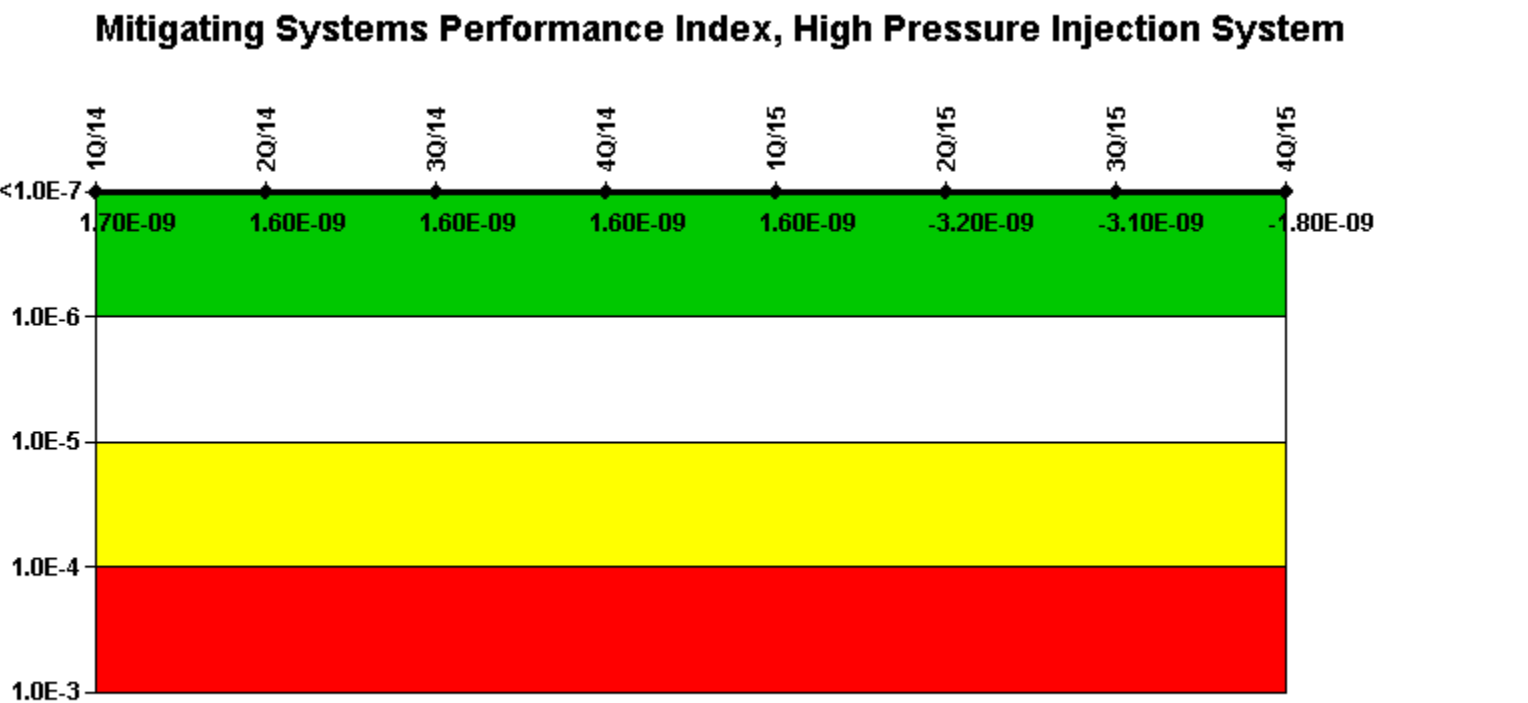


Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
UAI (ΔCDF)	2.88E-09	8.53E-10	8.21E-10	5.11E-10	7.33E-10	2.04E-09	2.09E-09	1.96E-09
URI (ΔCDF)	-3.34E-09	-2.94E-09	-2.58E-09	-4.62E-09	-5.14E-09	-5.02E-09	-5.04E-09	-4.93E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.60E-10	-2.10E-09	-1.80E-09	-4.10E-09	-4.40E-09	-3.00E-09	-2.90E-09	-3.00E-09

Licensee Comments: none



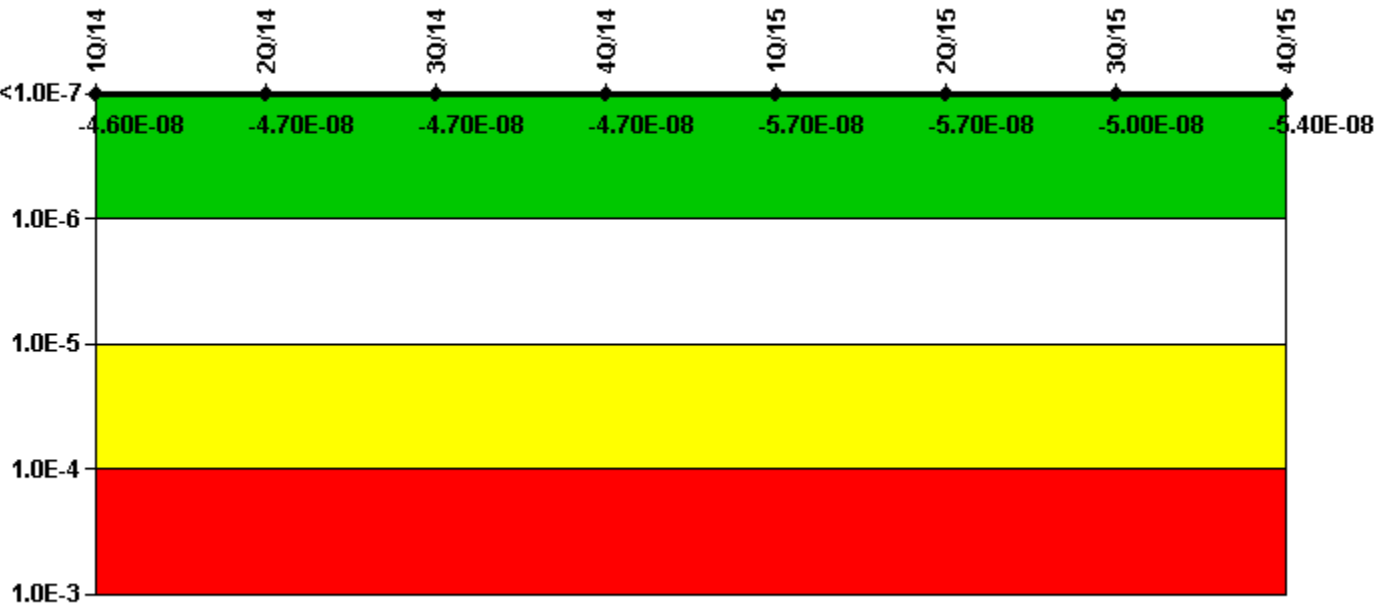
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
UAI (ΔCDF)	3.38E-09	3.25E-09	3.31E-09	3.41E-09	3.40E-09	-1.46E-09	-1.33E-09	-6.88E-11
URI (ΔCDF)	-1.63E-09	-1.67E-09	-1.72E-09	-1.77E-09	-1.76E-09	-1.76E-09	-1.76E-09	-1.76E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.70E-09	1.60E-09	1.60E-09	1.60E-09	1.60E-09	-3.20E-09	-3.10E-09	-1.80E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

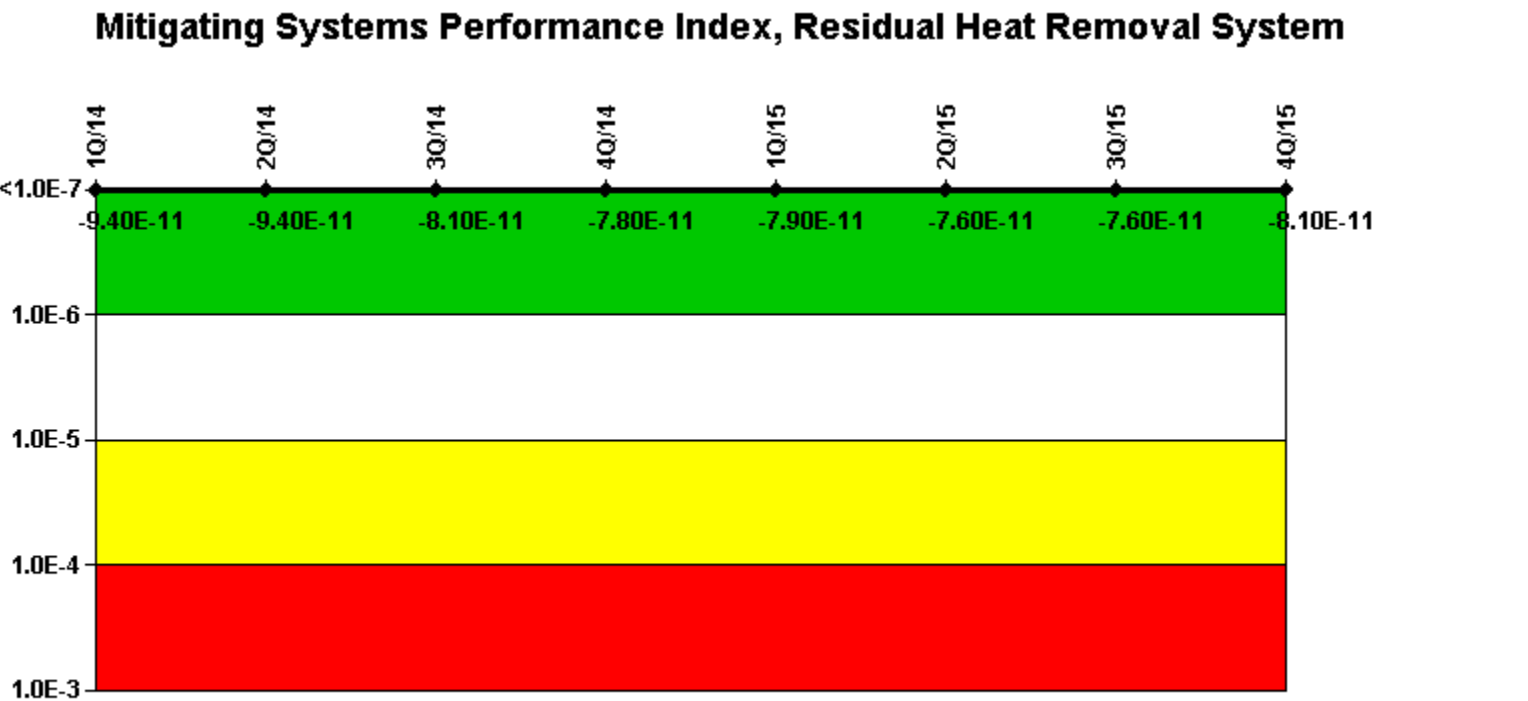


Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
UAI (ΔCDF)	2.33E-08	2.17E-08	2.16E-08	2.23E-08	1.17E-08	1.21E-08	1.88E-08	1.48E-08
URI (ΔCDF)	-6.88E-08	-6.88E-08	-6.88E-08	-6.89E-08	-6.89E-08	-6.90E-08	-6.90E-08	-6.90E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.60E-08	-4.70E-08	-4.70E-08	-4.70E-08	-5.70E-08	-5.70E-08	-5.00E-08	-5.40E-08

Licensee Comments: none



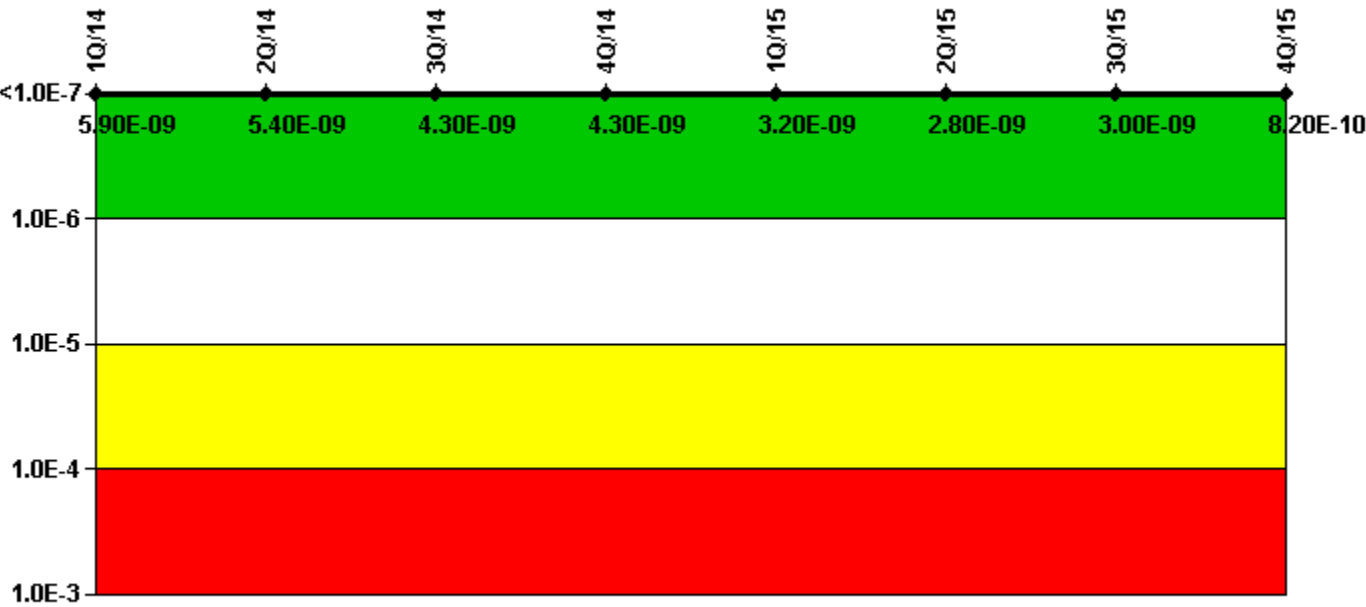
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	-1.89E-11	-1.90E-11	-5.95E-12	-3.62E-12	-4.51E-12	-1.36E-12	-1.10E-12	-5.85E-12
URI (ΔCDF)	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-9.40E-11	-9.40E-11	-8.10E-11	-7.80E-11	-7.90E-11	-7.60E-11	-7.60E-11	-8.10E-11

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



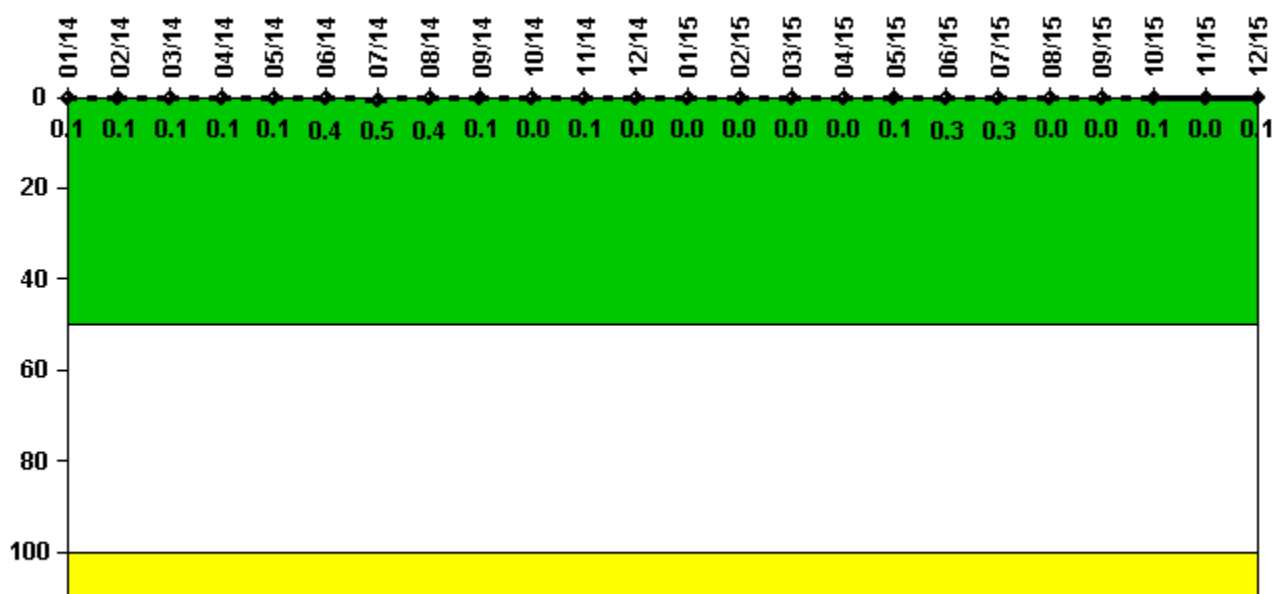
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
UAI (ΔCDF)	1.04E-08	9.97E-09	8.79E-09	8.84E-09	7.74E-09	7.33E-09	7.52E-09	5.34E-09
URI (ΔCDF)	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	5.90E-09	5.40E-09	4.30E-09	4.30E-09	3.20E-09	2.80E-09	3.00E-09	8.20E-10

Licensee Comments: none

Reactor Coolant System Activity



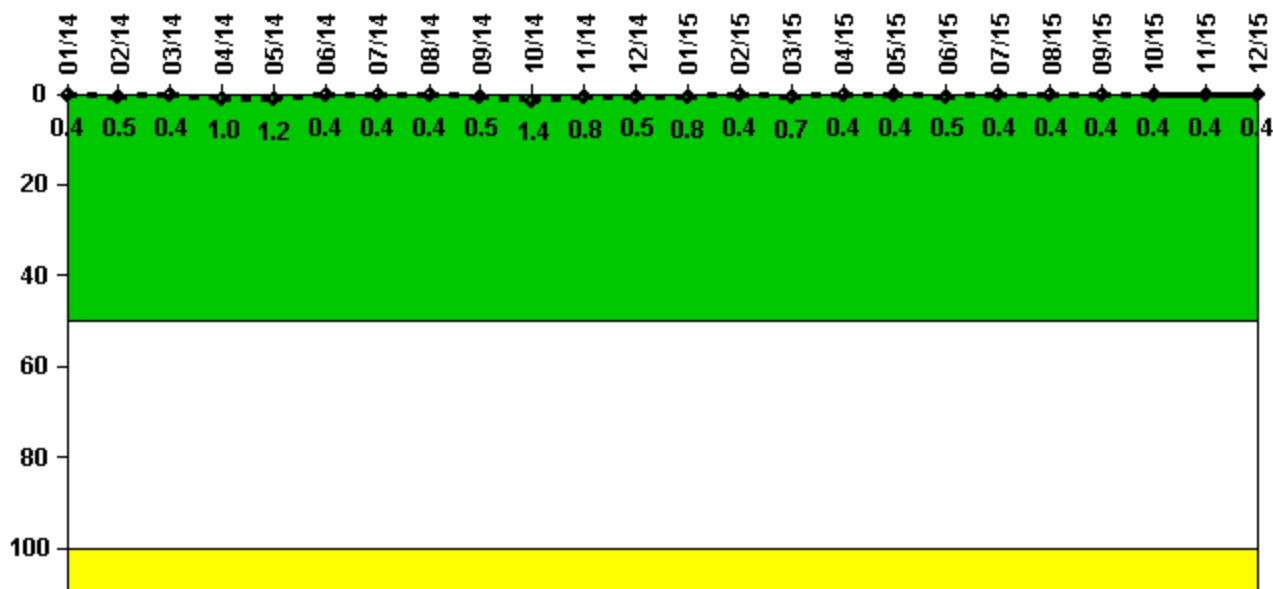
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/14	2/14	3/14	4/14	5/14	6/14	7/14	8/14	9/14	10/14	11/14	12/14
Maximum activity	0.000200	0.000280	0.000180	0.000350	0.000220	0.000980	0.001300	0.000950	0.000190	0.000068	0.000160	0.000120
Technical specification limit	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Indicator value	0.1	0.1	0.1	0.1	0.1	0.4	0.5	0.4	0.1	0	0.1	0
Reactor Coolant System Activity	1/15	2/15	3/15	4/15	5/15	6/15	7/15	8/15	9/15	10/15	11/15	12/15
Maximum activity	0.000100	0.000100	0.000100	0.000110	0.000240	0.000640	0.000850	0.000120	0.000120	0.000290	0.000100	0.000240
Technical specification limit	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Indicator value	0	0	0	0	0.1	0.3	0.3	0	0	0.1	0	0.1

Licensee Comments: none

Reactor Coolant System Leakage



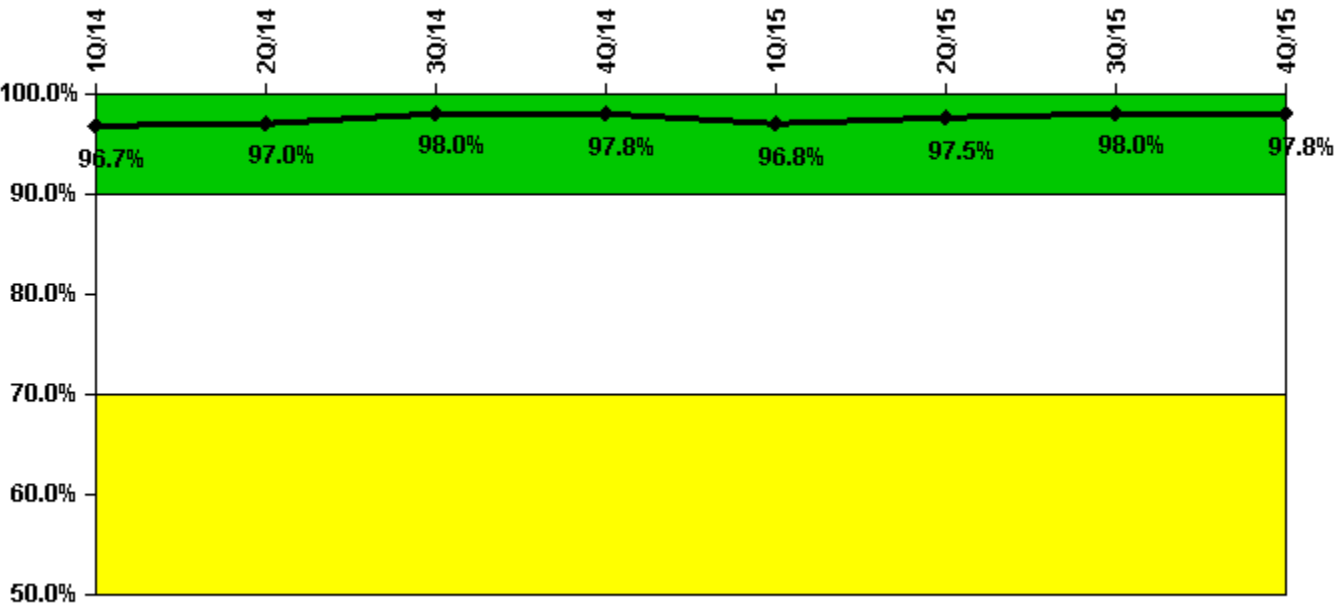
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	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	0.040	0.050	0.040	0.100	0.120	0.040	0.040	0.040	0.050	0.140	0.080	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	0.4	0.5	0.4	1.0	1.2	0.4	0.4	0.4	0.5	1.4	0.8	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	0.080	0.040	0.070	0.040	0.040	0.050	0.040	0.042	0.040	0.040	0.040	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.8	0.4	0.7	0.4	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.4

Licensee Comments: none

Drill/Exercise Performance



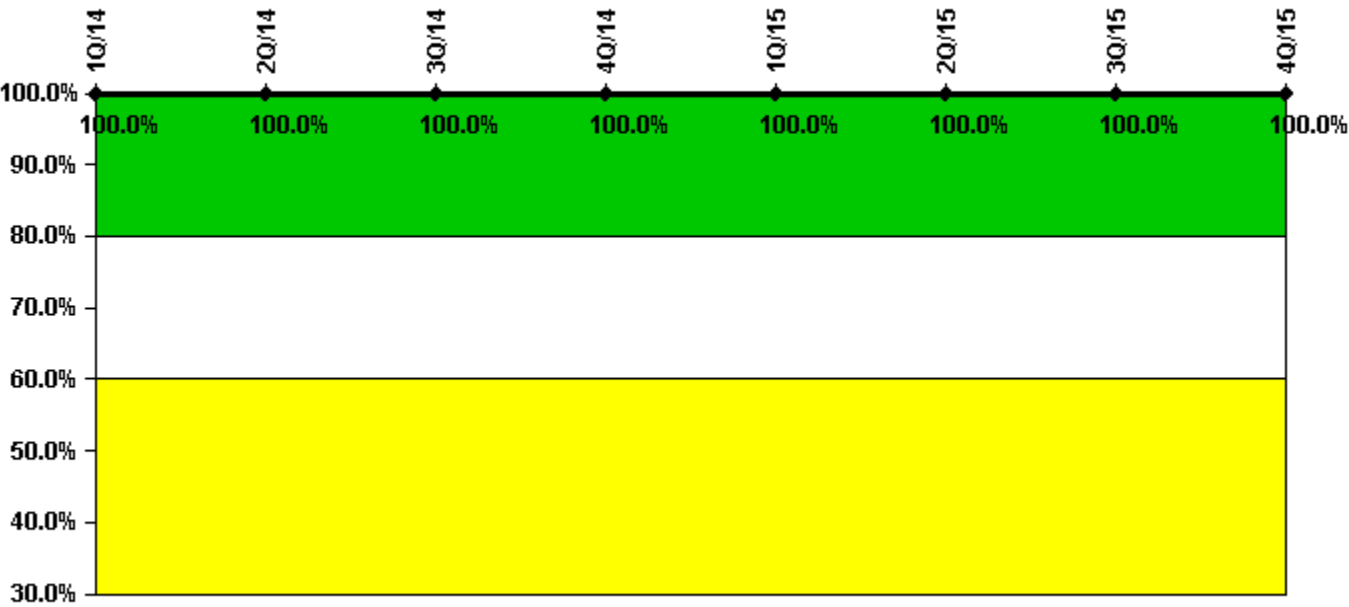
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Successful opportunities	36.0	12.0	18.0	39.0	29.0	33.0	40.0	14.0
Total opportunities	37.0	12.0	18.0	39.0	32.0	33.0	41.0	14.0
Indicator value	96.7%	97.0%	98.0%	97.8%	96.8%	97.5%	98.0%	97.8%

Licensee Comments: none

ERO Drill Participation



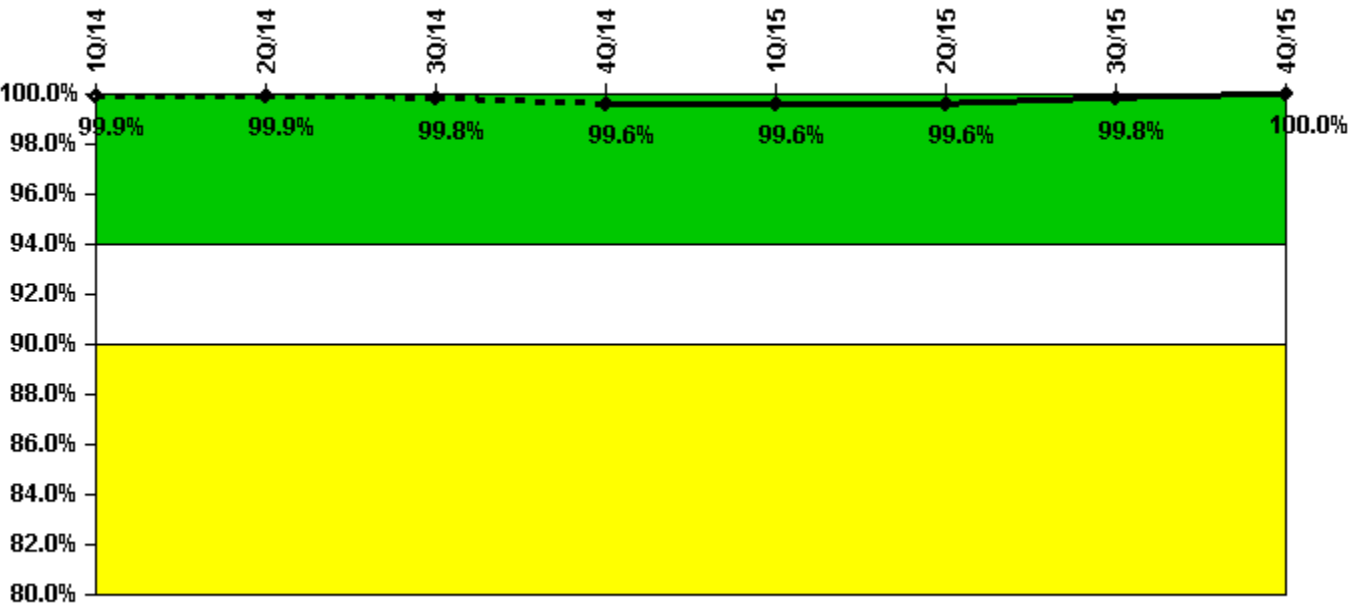
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Participating Key personnel	112.0	105.0	99.0	102.0	102.0	105.0	105.0	106.0
Total Key personnel	112.0	105.0	99.0	102.0	102.0	105.0	105.0	106.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



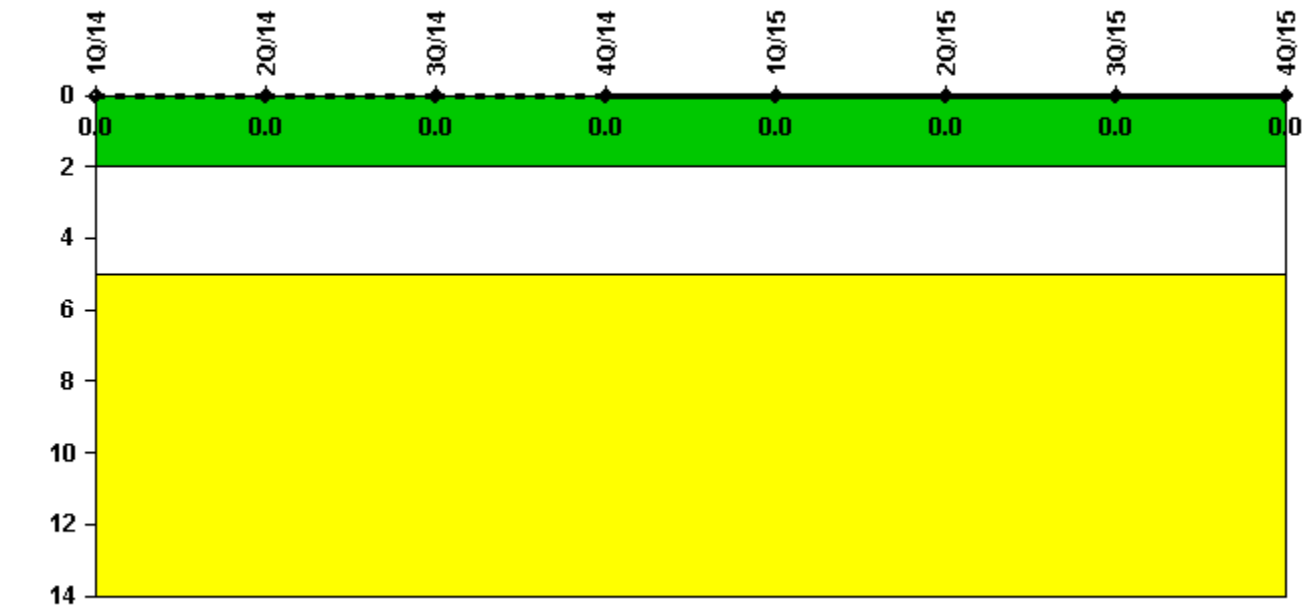
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Successful siren-tests	328	329	374	373	329	329	376	376
Total sirens-tests	329	329	376	376	329	329	376	376
Indicator value	99.9%	99.9%	99.8%	99.6%	99.6%	99.6%	99.8%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



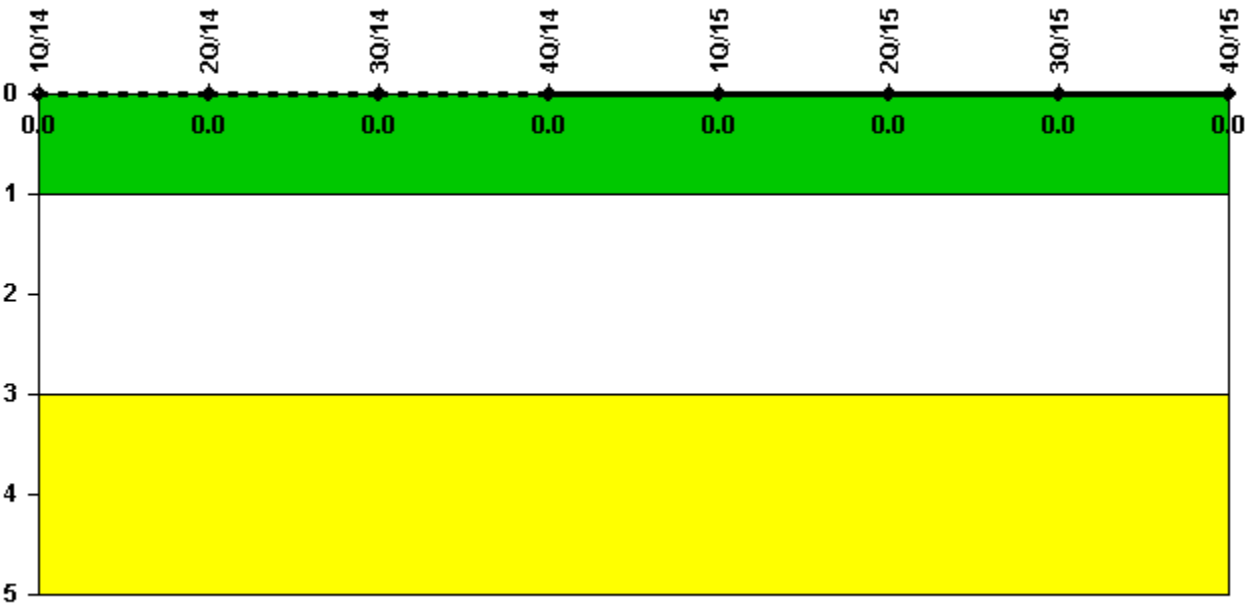
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.



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

Last Modified: March 1, 2016

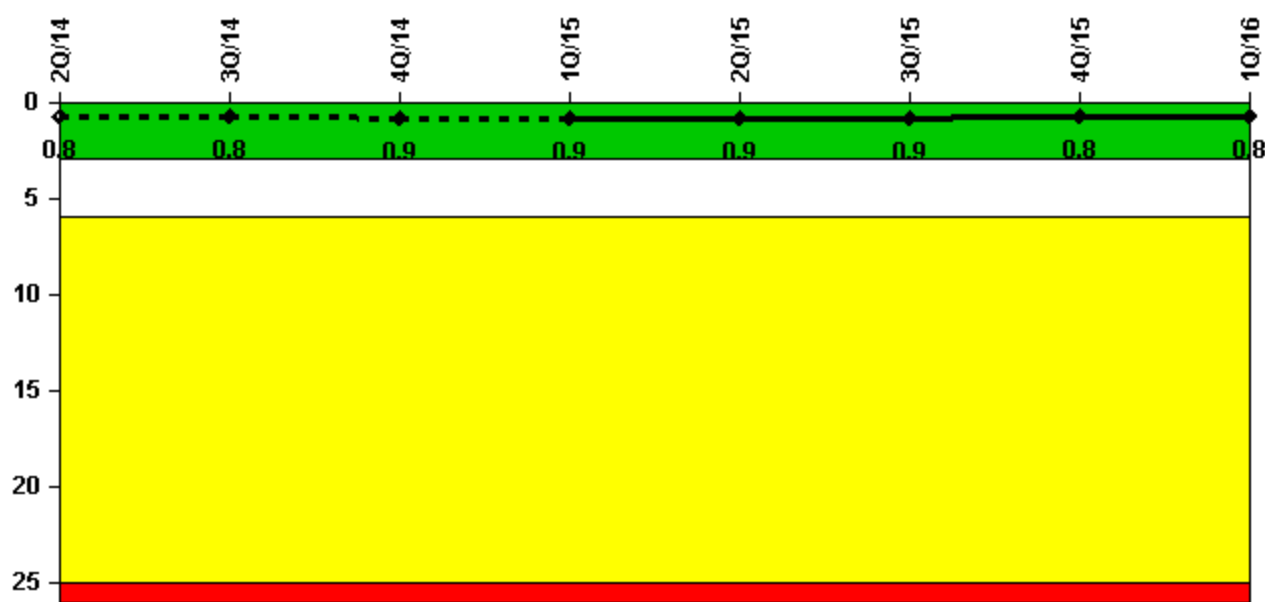
Turkey Point 4

1Q/2016 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



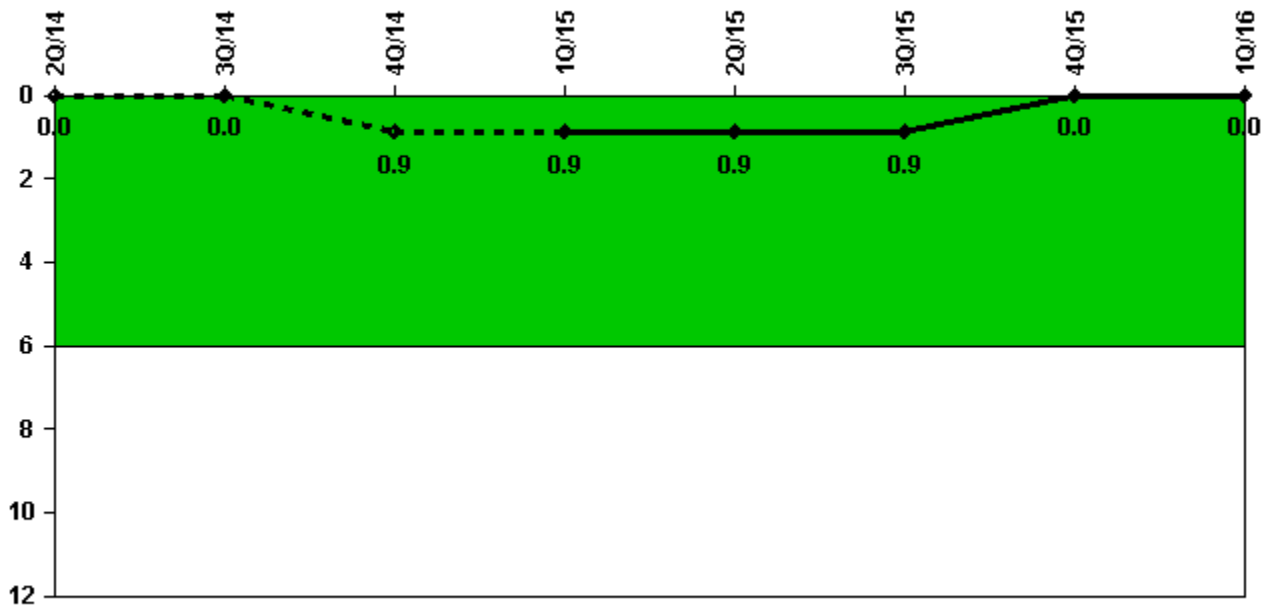
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0	1.0	0	0	0
Critical hours	2100.5	1992.0	1644.9	2159.0	2073.8	2208.0	2209.0	2112.4
Indicator value	0.8	0.8	0.9	0.9	0.9	0.9	0.8	0.8

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



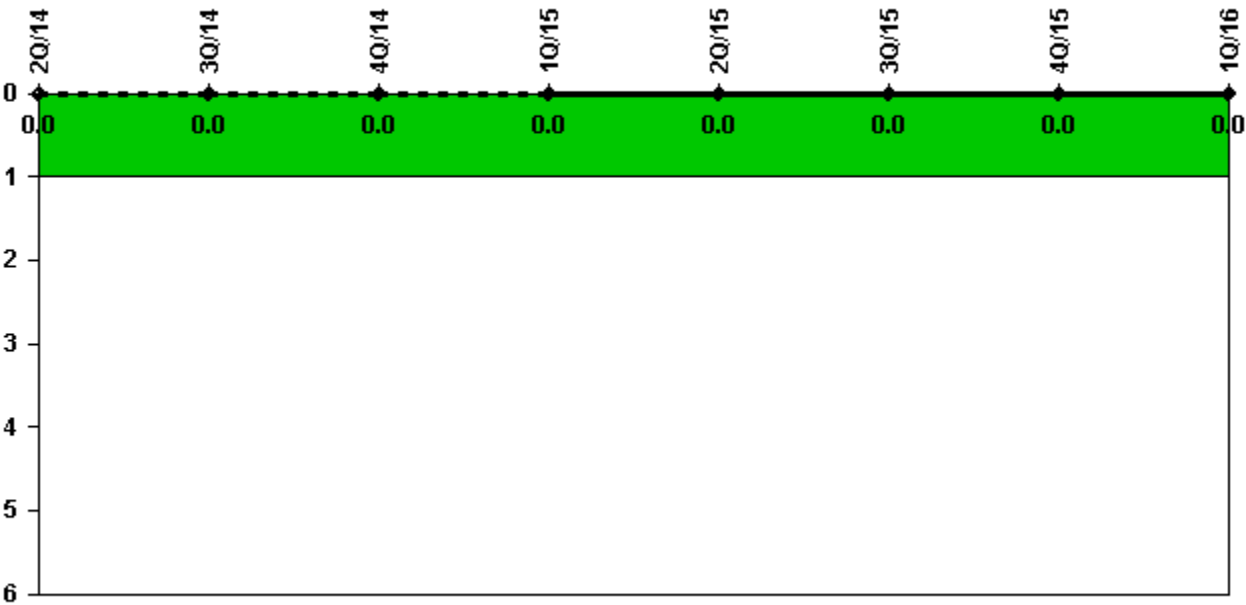
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Unplanned power changes	0	0	1.0	0	0	0	0	0
Critical hours	2100.5	1992.0	1644.9	2159.0	2073.8	2208.0	2209.0	2112.4
Indicator value	0	0	0.9	0.9	0.9	0.9	0	0

Licensee Comments: none

Unplanned Scrams with Complications



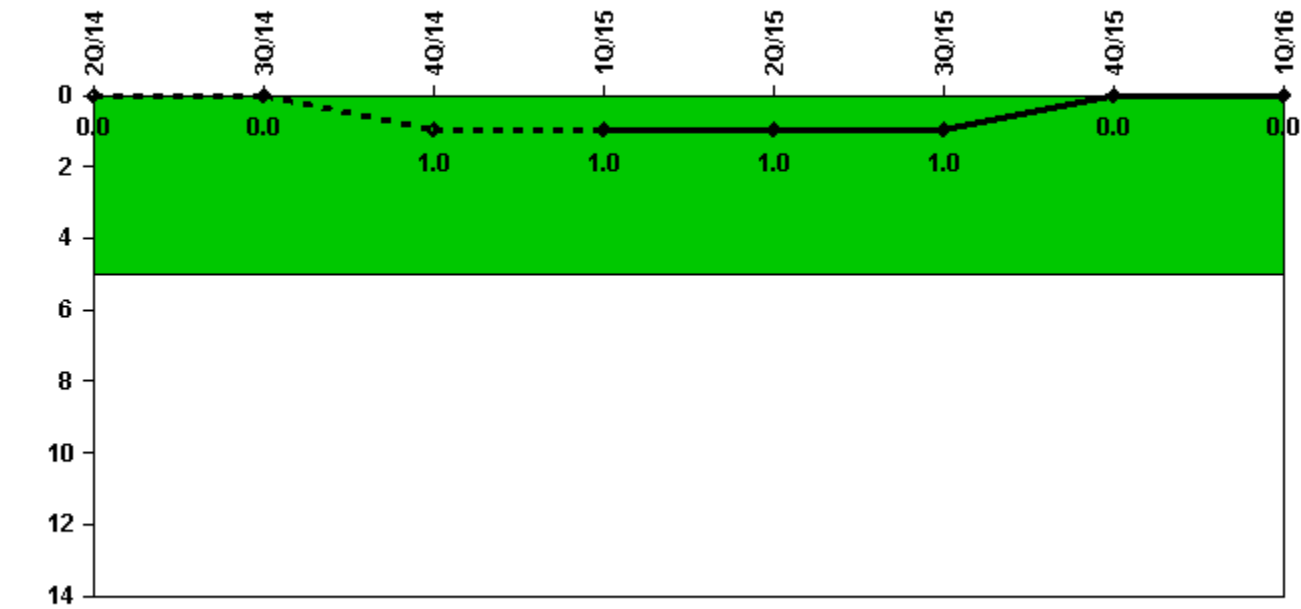
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



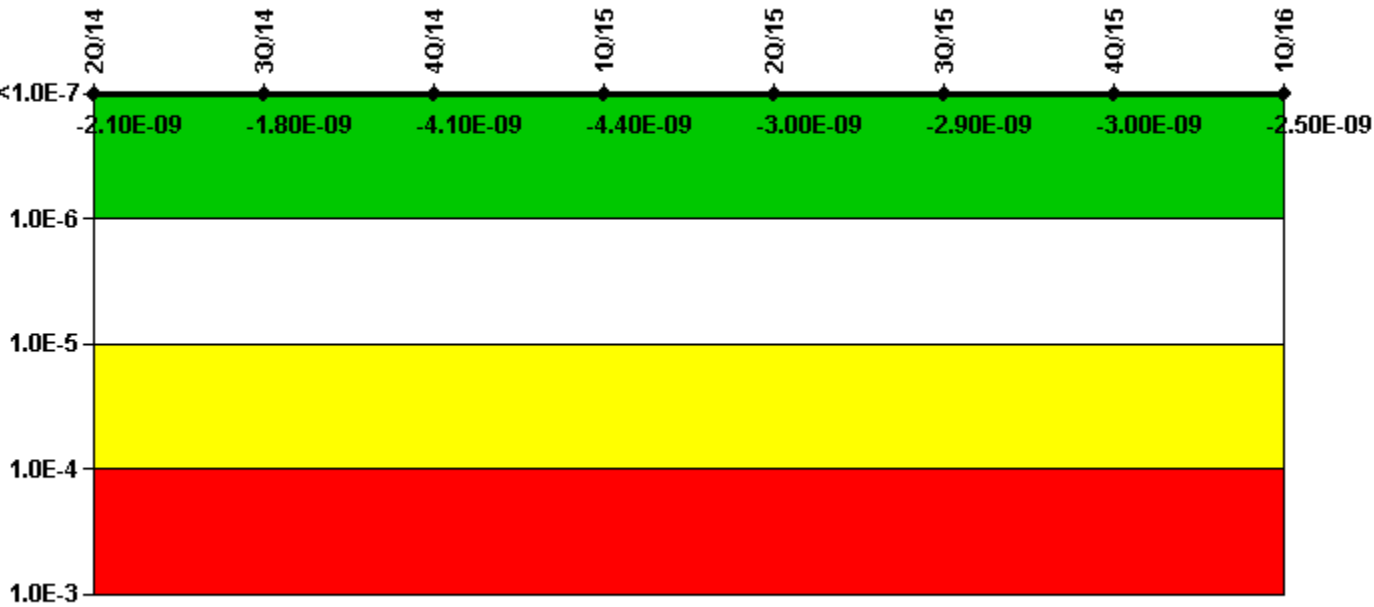
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Safety System Functional Failures	0	0	1	0	0	0	0	0
Indicator value	0	0	1	1	1	1	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

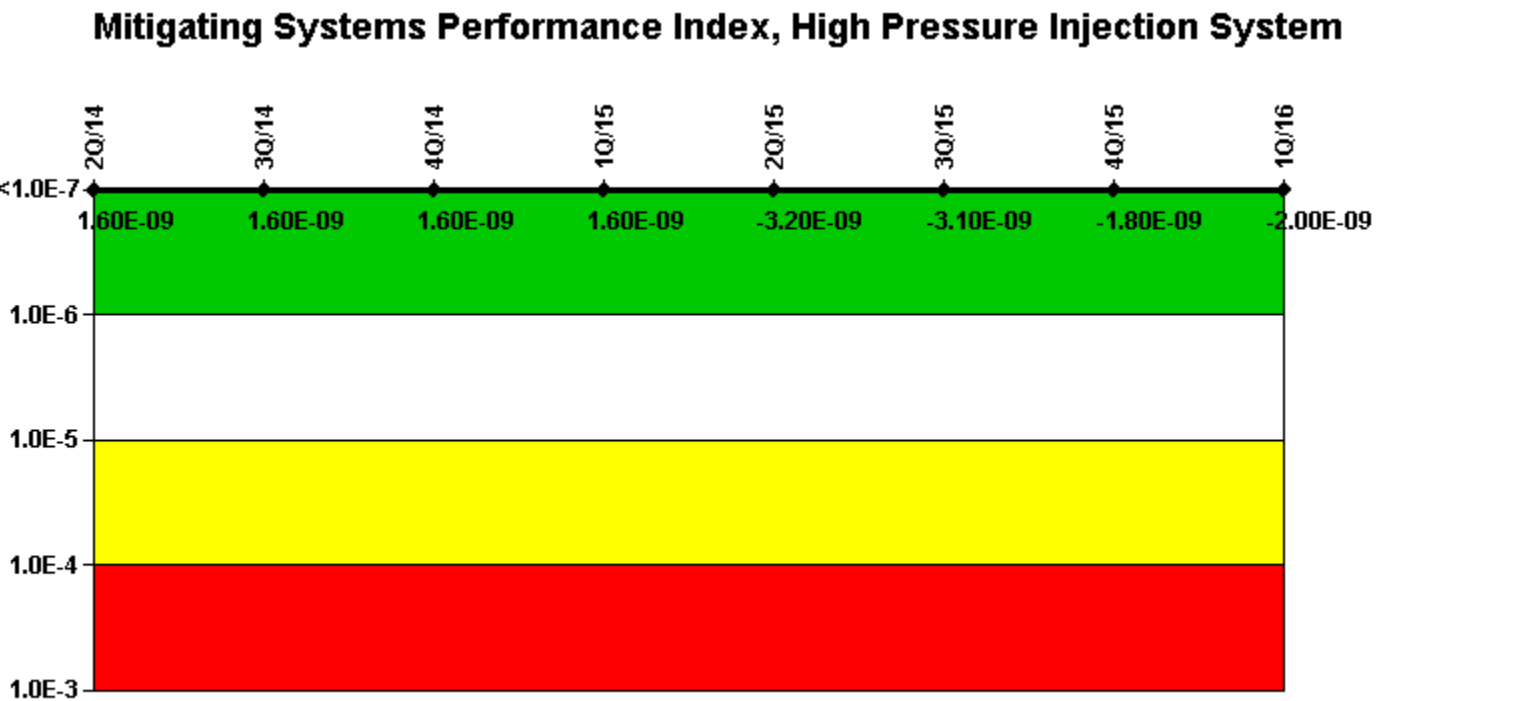


Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
UAI (ΔCDF)	8.53E-10	8.21E-10	5.11E-10	7.33E-10	2.04E-09	2.09E-09	1.96E-09	2.08E-09
URI (ΔCDF)	-2.94E-09	-2.58E-09	-4.62E-09	-5.14E-09	-5.02E-09	-5.04E-09	-4.93E-09	-4.57E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.10E-09	-1.80E-09	-4.10E-09	-4.40E-09	-3.00E-09	-2.90E-09	-3.00E-09	-2.50E-09

Licensee Comments: none



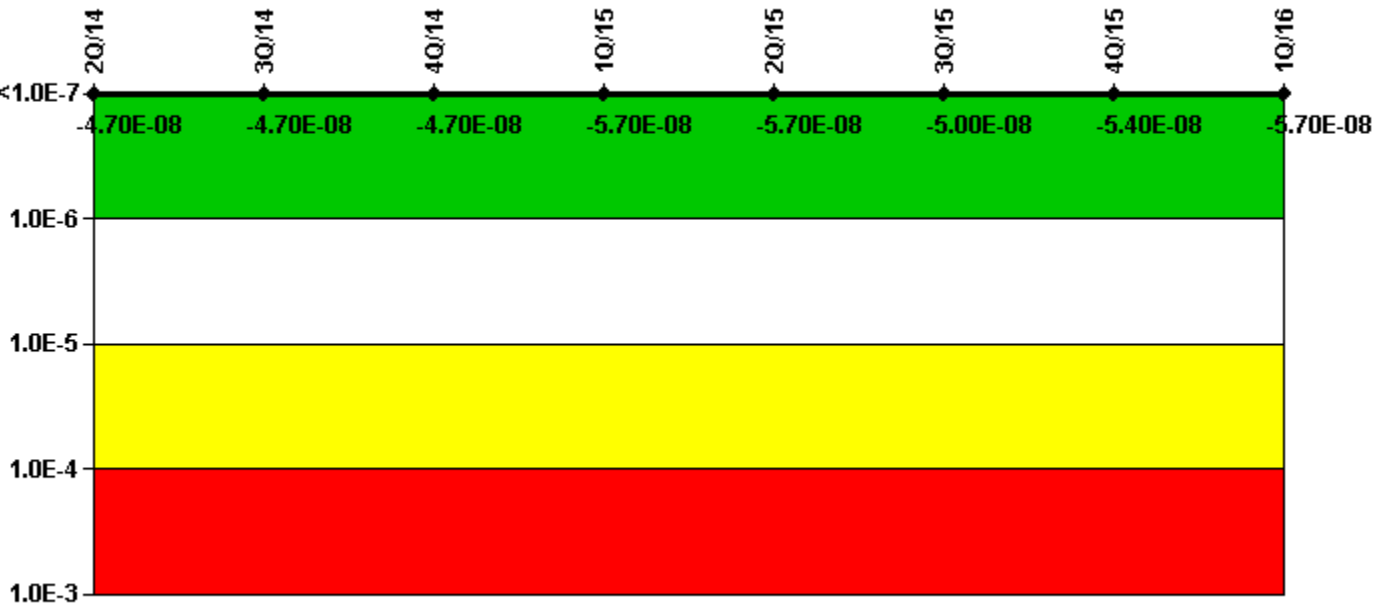
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
UAI (ΔCDF)	3.25E-09	3.31E-09	3.41E-09	3.40E-09	-1.46E-09	-1.33E-09	-6.88E-11	-2.72E-10
URI (ΔCDF)	-1.67E-09	-1.72E-09	-1.77E-09	-1.76E-09	-1.76E-09	-1.76E-09	-1.76E-09	-1.76E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.60E-09	1.60E-09	1.60E-09	1.60E-09	-3.20E-09	-3.10E-09	-1.80E-09	-2.00E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

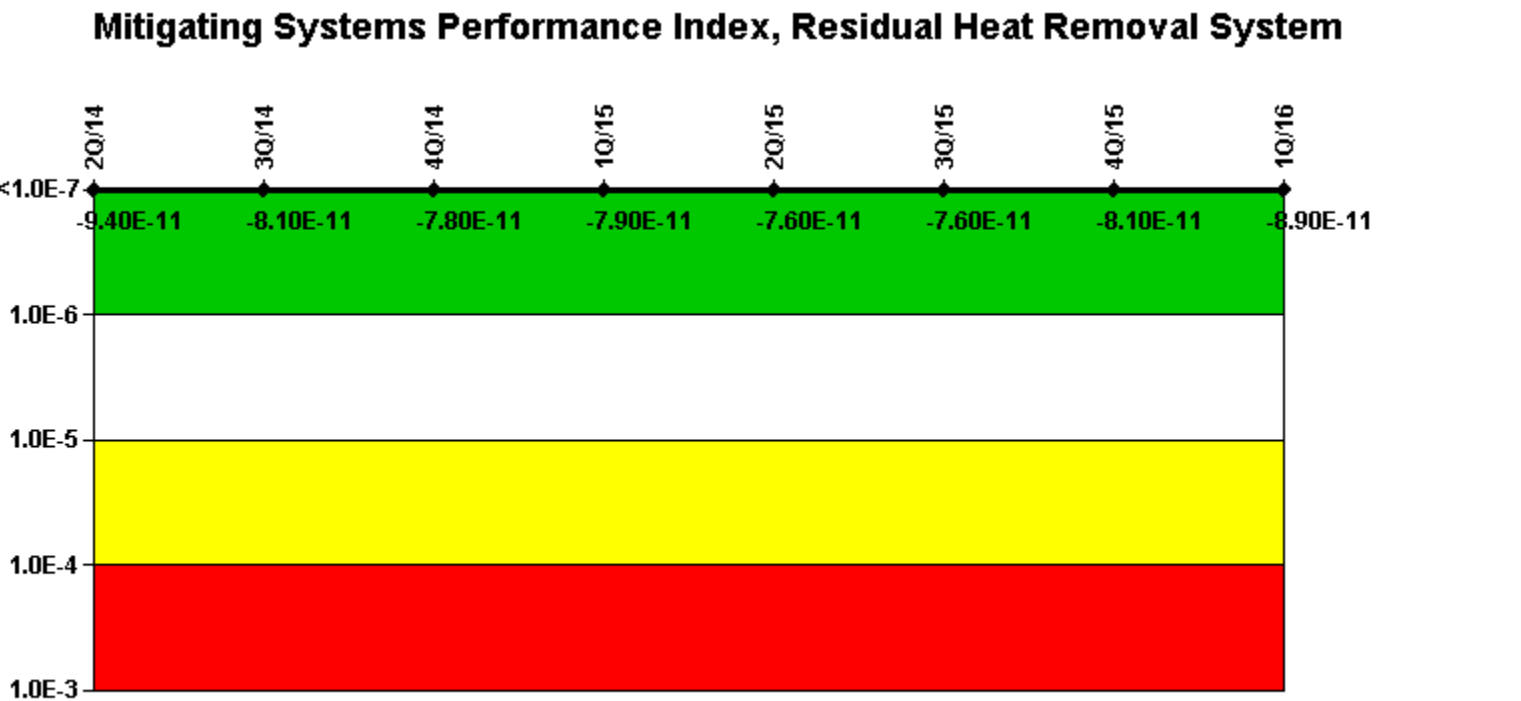


Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
UAI (ΔCDF)	2.17E-08	2.16E-08	2.23E-08	1.17E-08	1.21E-08	1.88E-08	1.48E-08	1.19E-08
URI (ΔCDF)	-6.88E-08	-6.88E-08	-6.89E-08	-6.89E-08	-6.90E-08	-6.90E-08	-6.90E-08	-6.85E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.70E-08	-4.70E-08	-4.70E-08	-5.70E-08	-5.70E-08	-5.00E-08	-5.40E-08	-5.70E-08

Licensee Comments: none



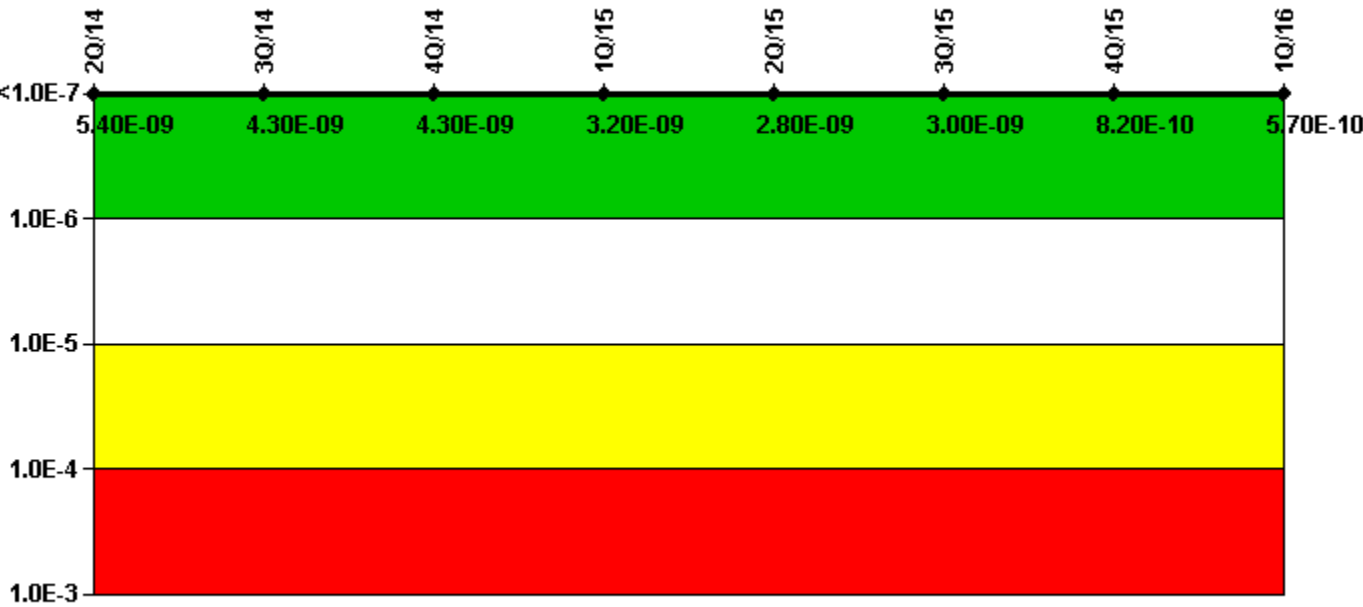
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	-1.90E-11	-5.95E-12	-3.62E-12	-4.51E-12	-1.36E-12	-1.10E-12	-5.85E-12	-1.39E-11
URI (ΔCDF)	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-9.40E-11	-8.10E-11	-7.80E-11	-7.90E-11	-7.60E-11	-7.60E-11	-8.10E-11	-8.90E-11

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



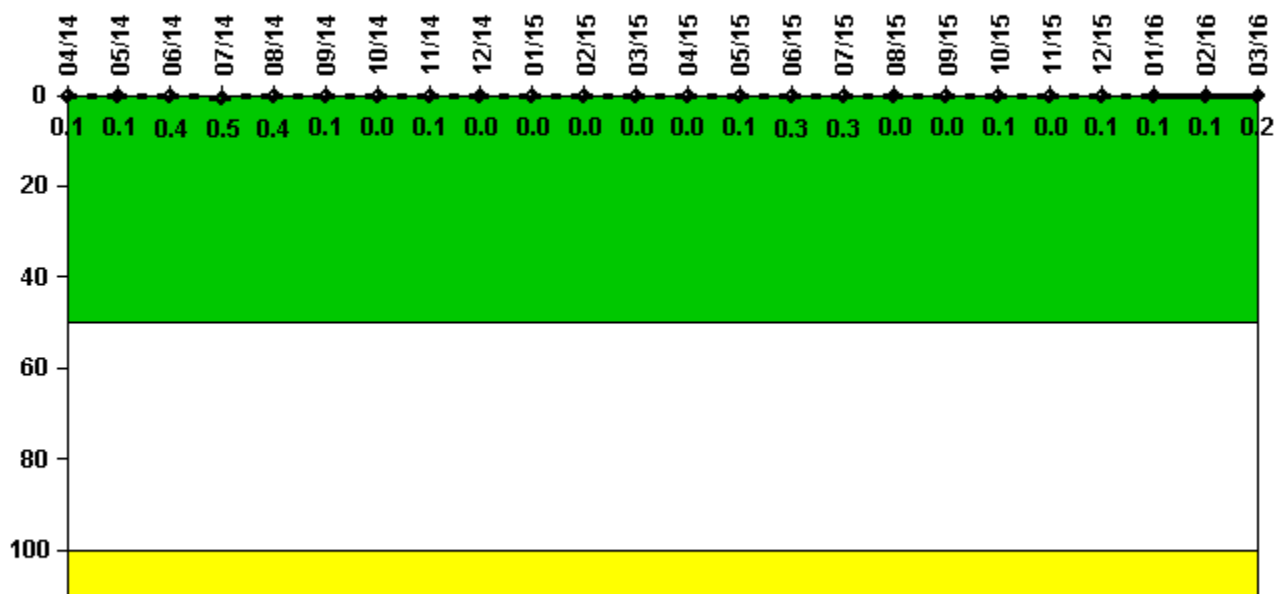
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	9.97E-09	8.79E-09	8.84E-09	7.74E-09	7.33E-09	7.52E-09	5.34E-09	5.09E-09
URI (ΔCDF)	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	5.40E-09	4.30E-09	4.30E-09	3.20E-09	2.80E-09	3.00E-09	8.20E-10	5.70E-10

Licensee Comments: none

Reactor Coolant System Activity

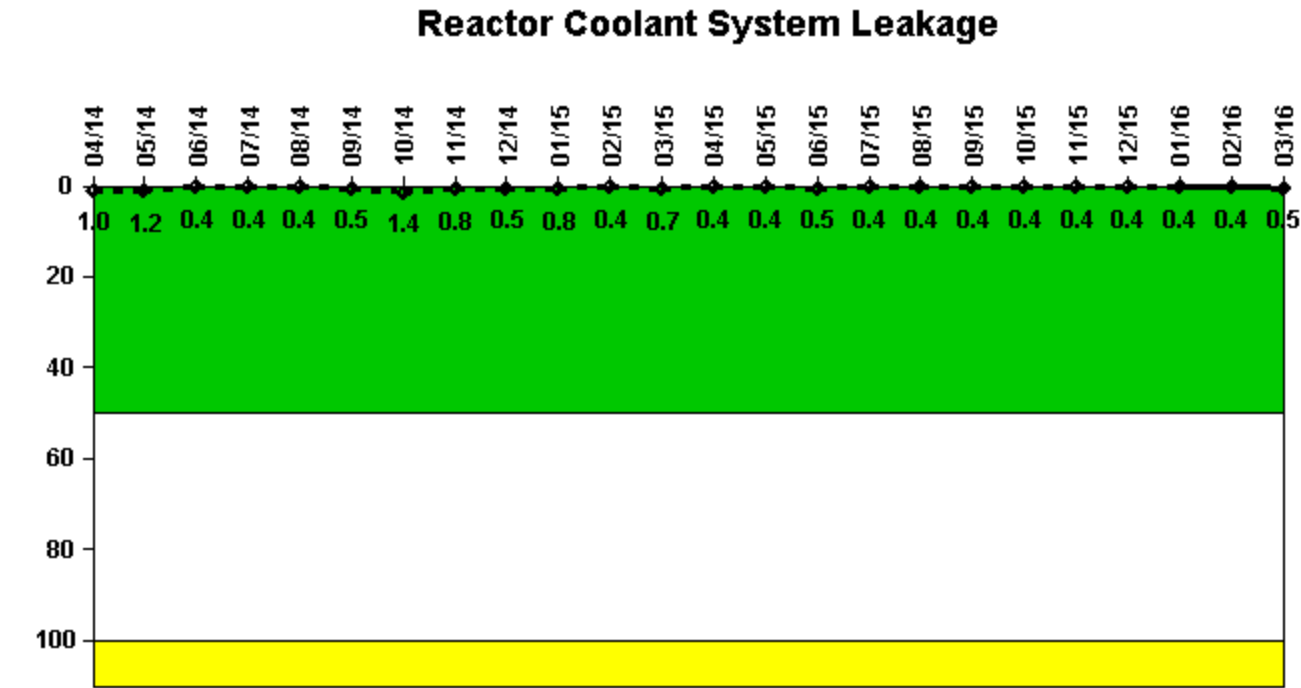


Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	4/14	5/14	6/14	7/14	8/14	9/14	10/14	11/14	12/14	1/15	2/15	3/15
Maximum activity	0.000350	0.000220	0.000980	0.001300	0.000950	0.000190	0.000068	0.000160	0.000120	0.000100	0.000100	0.000100
Technical specification limit	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Indicator value	0.1	0.1	0.4	0.5	0.4	0.1	0	0.1	0	0	0	0
Reactor Coolant System Activity	4/15	5/15	6/15	7/15	8/15	9/15	10/15	11/15	12/15	1/16	2/16	3/16
Maximum activity	0.000110	0.000240	0.000640	0.000850	0.000120	0.000120	0.000290	0.000100	0.000240	0.000180	0.000140	0.000610
Technical specification limit	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Indicator value	0	0.1	0.3	0.3	0	0	0.1	0	0.1	0.1	0.1	0.2

Licensee Comments: none



Thresholds: White > 50.0 Yellow > 100.0

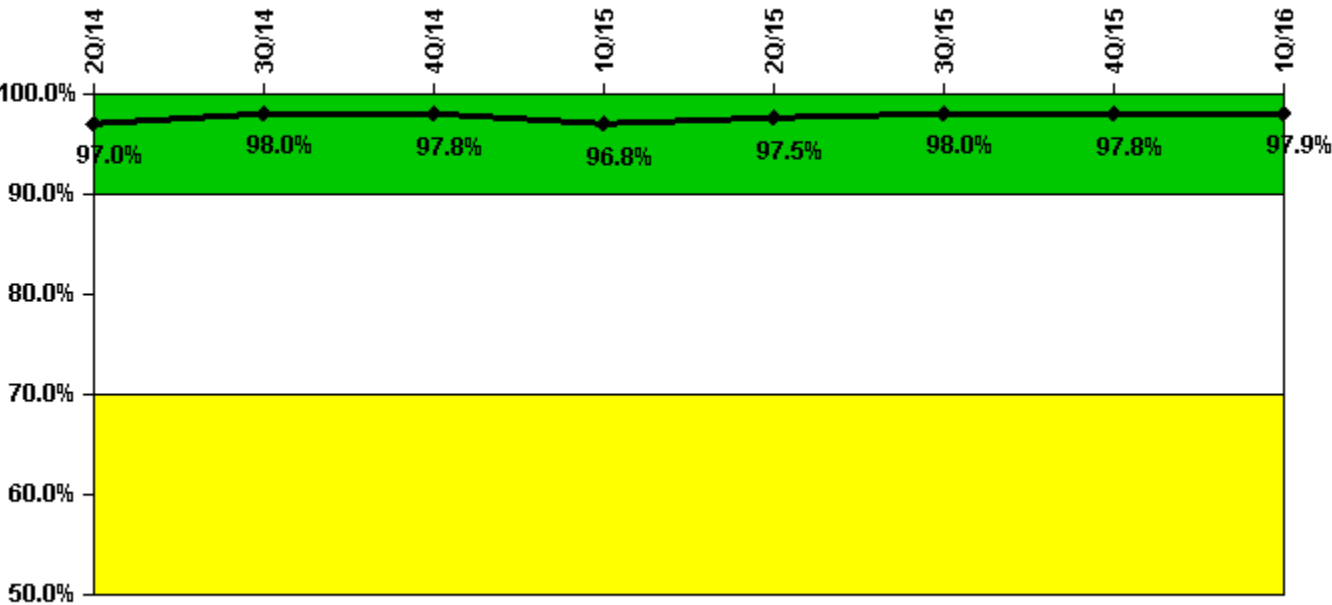
Notes

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	0.100	0.120	0.040	0.040	0.040	0.050	0.140	0.080	0.050	0.080	0.040	0.070
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.0	1.2	0.4	0.4	0.4	0.5	1.4	0.8	0.5	0.8	0.4	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	0.040	0.040	0.050	0.040	0.042	0.040	0.040	0.040	0.040	0.040	0.040	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	0.4	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5

Licensee Comments: none

Drill/Exercise Performance



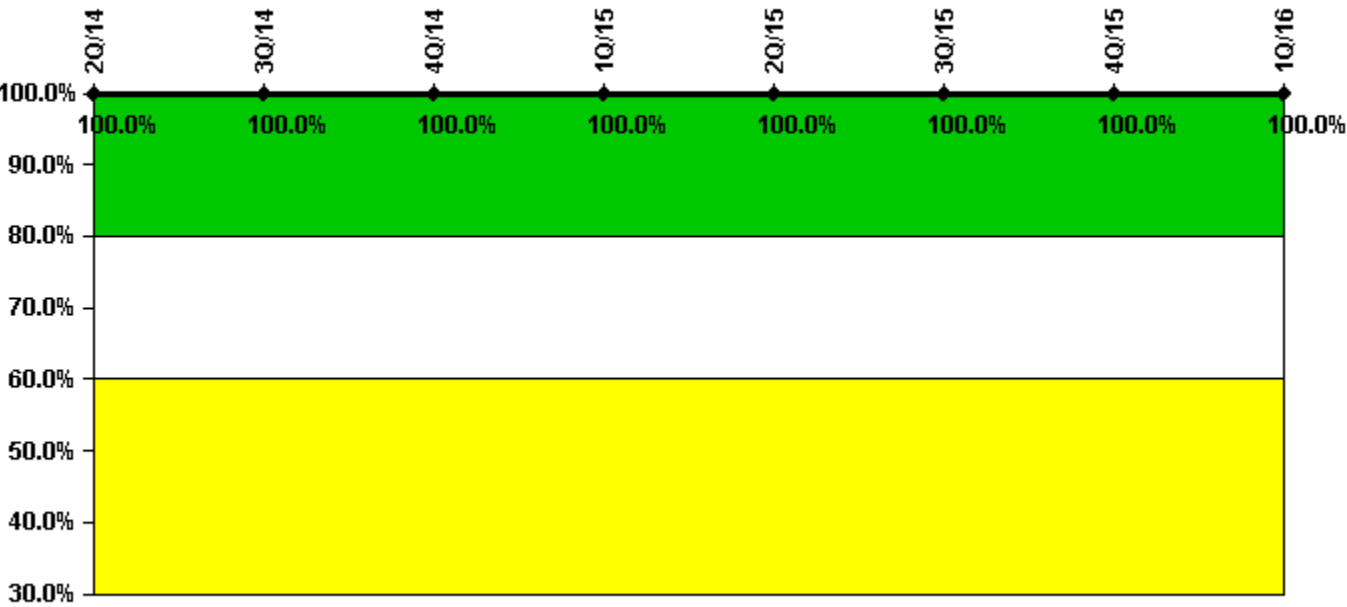
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Successful opportunities	12.0	18.0	39.0	29.0	33.0	40.0	14.0	44.0
Total opportunities	12.0	18.0	39.0	32.0	33.0	41.0	14.0	45.0
Indicator value	97.0%	98.0%	97.8%	96.8%	97.5%	98.0%	97.8%	97.9%

Licensee Comments: none

ERO Drill Participation



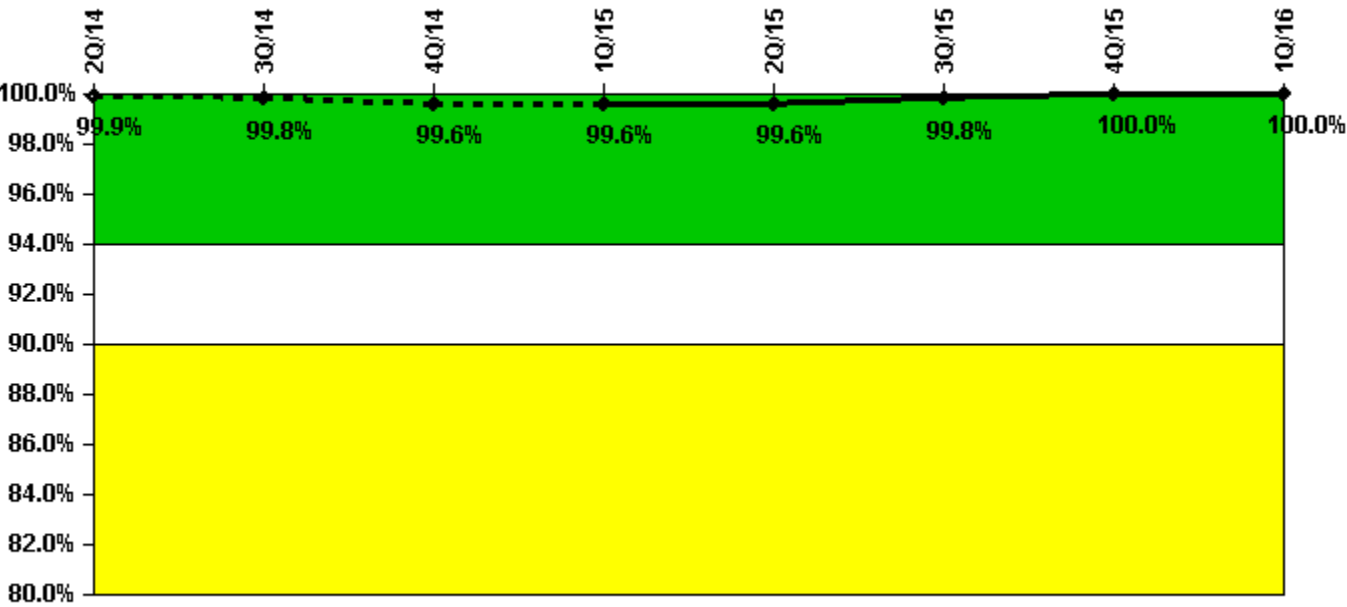
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Participating Key personnel	105.0	99.0	102.0	102.0	105.0	105.0	106.0	105.0
Total Key personnel	105.0	99.0	102.0	102.0	105.0	105.0	106.0	105.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



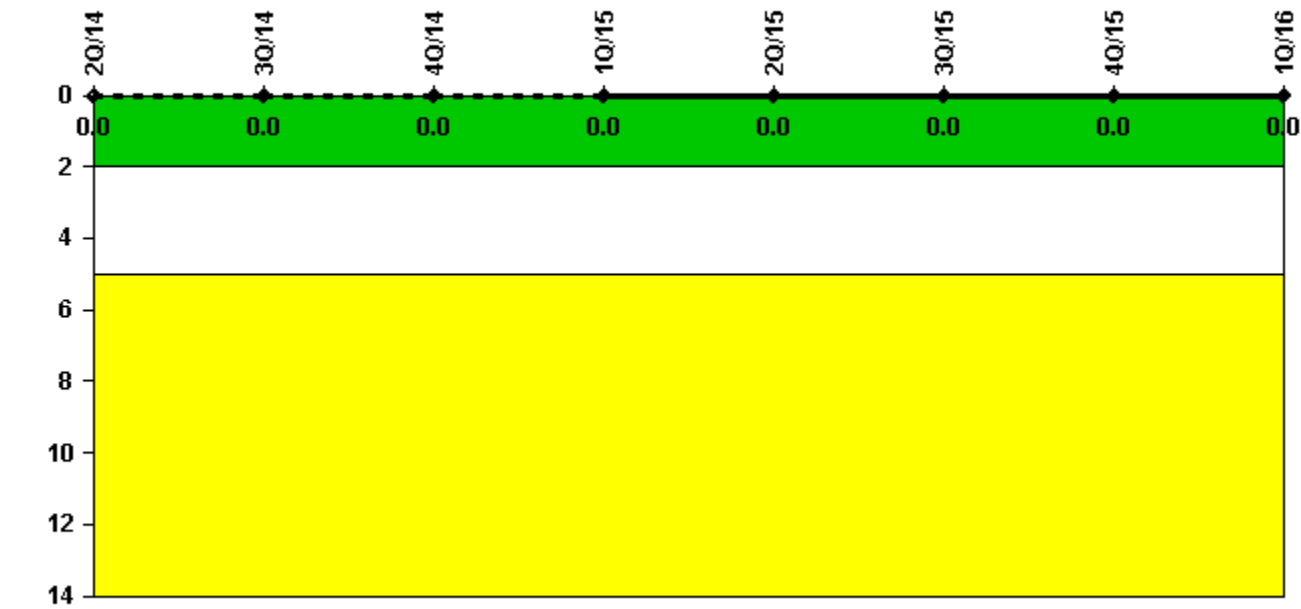
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Successful siren-tests	329	374	373	329	329	376	376	384
Total sirens-tests	329	376	376	329	329	376	376	384
Indicator value	99.9%	99.8%	99.6%	99.6%	99.6%	99.8%	100.0%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



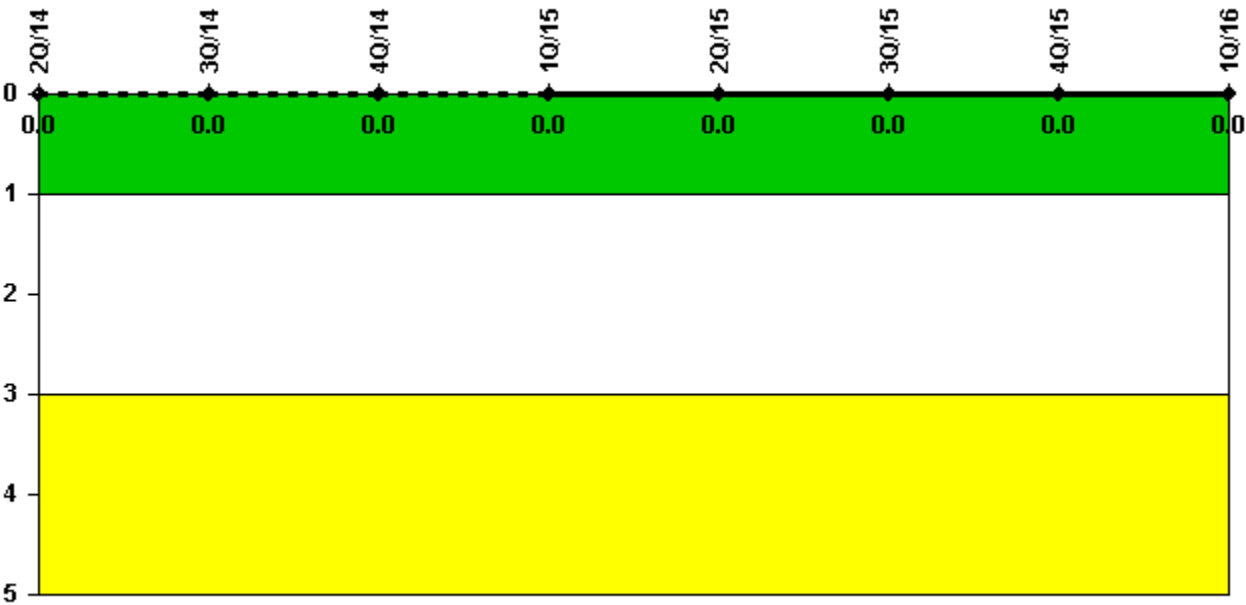
Thresholds: White > 2.0 Yellow > 5.0

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

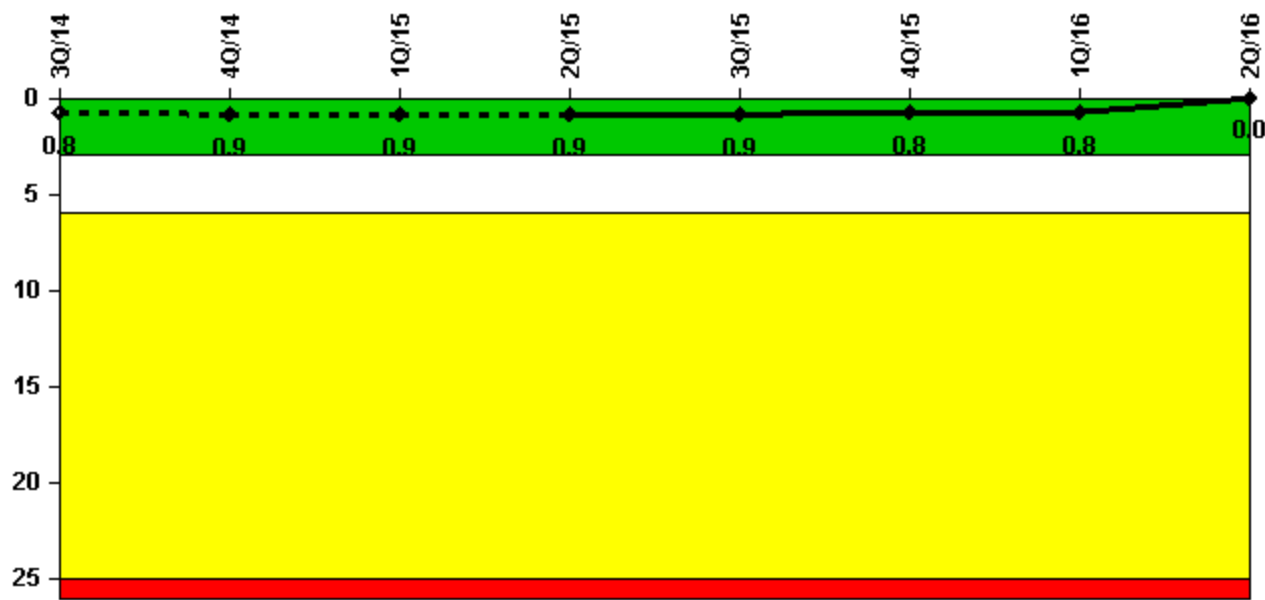
Turkey Point 4

2Q/2016 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



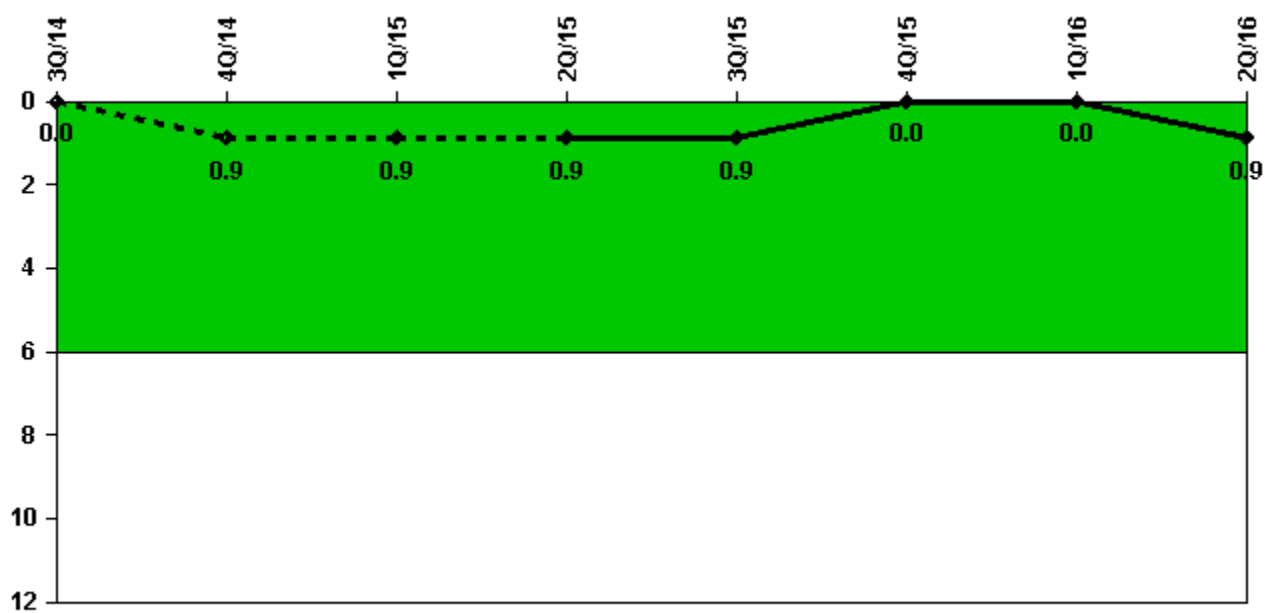
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0	0
Critical hours	1992.0	1644.9	2159.0	2073.8	2208.0	2209.0	2112.4	1538.1
Indicator value	0.8	0.9	0.9	0.9	0.9	0.8	0.8	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

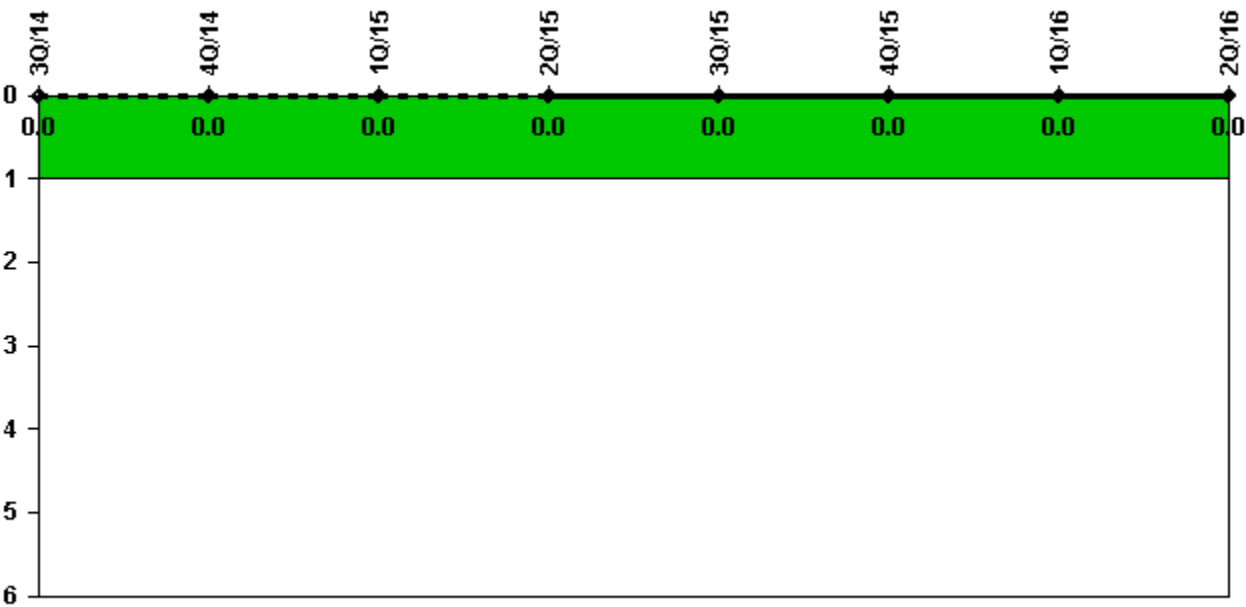
Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Unplanned power changes	0	1.0	0	0	0	0	0	1.0
Critical hours	1992.0	1644.9	2159.0	2073.8	2208.0	2209.0	2112.4	1538.1
Indicator value	0	0.9	0.9	0.9	0.9	0	0	0.9

Licensee Comments:

2Q/16: Turkey Point Unit 4 performed an unplanned downpower on 5/19/2016 due to a EHC leak on the 4C MSR. Unit 4 returned to full power on 5/20/2016

Unplanned Scrams with Complications



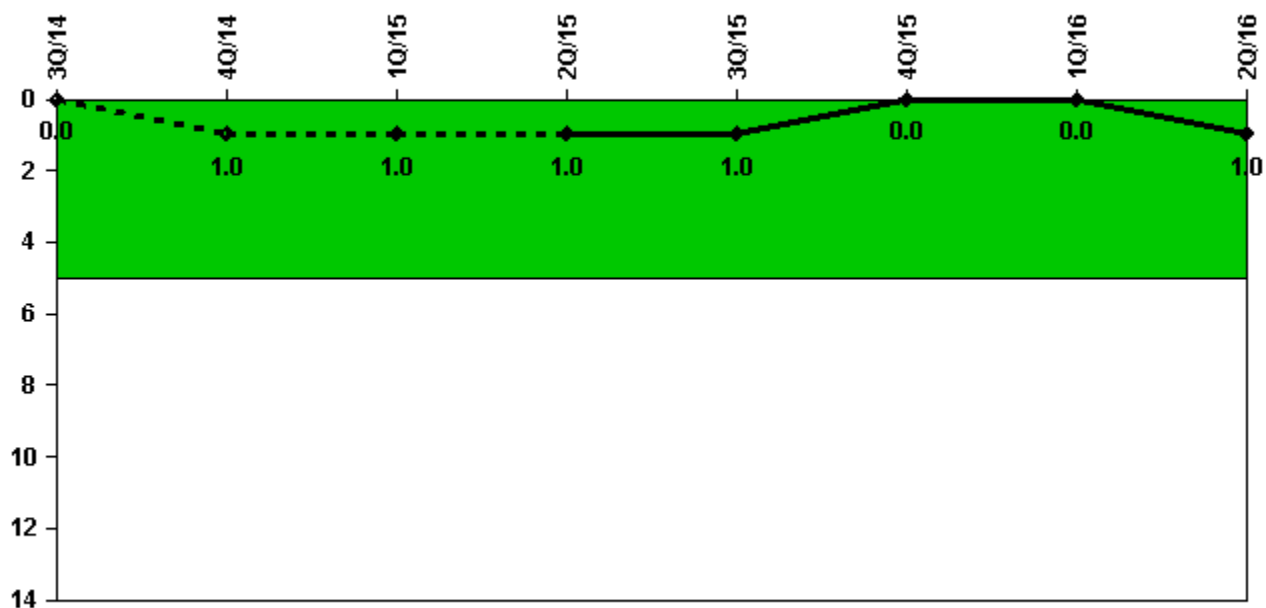
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

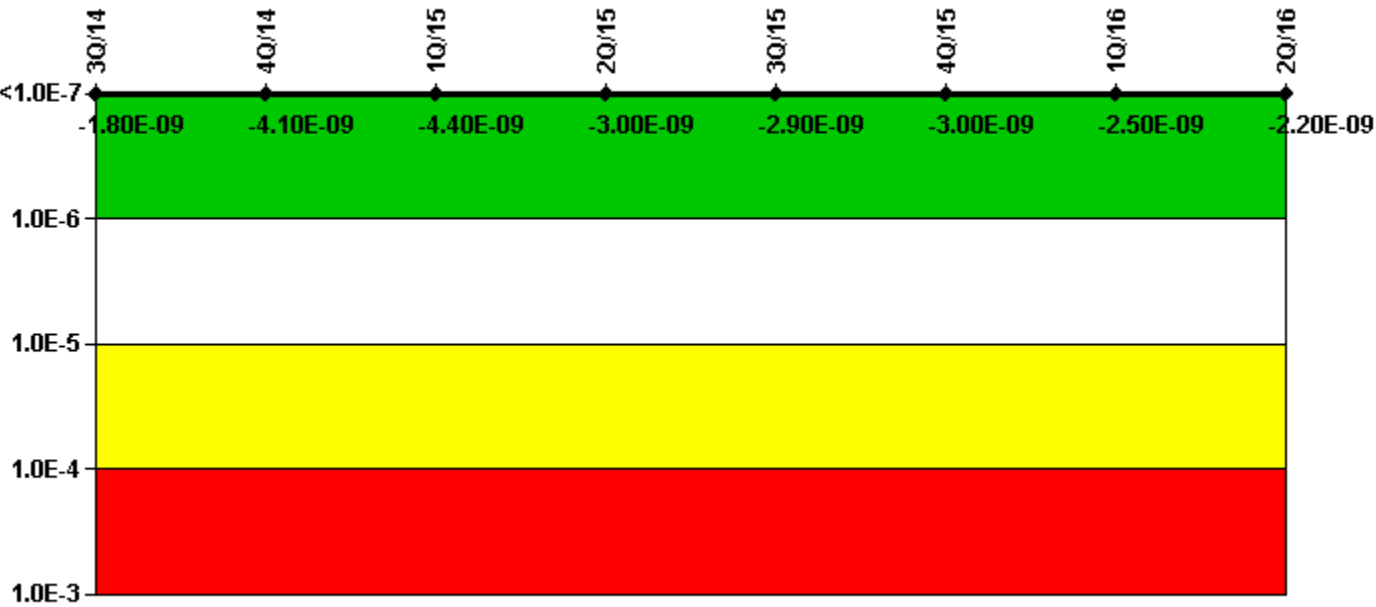
Notes

Safety System Functional Failures (PWR)	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Safety System Functional Failures	0	1	0	0	0	0	0	1
Indicator value	0	1	1	1	1	0	0	1

Licensee Comments:

2Q/16: Licensee Event Report, LER 2016-01-00, reports that Turkey Point Unit 4 during the five day period that the reactor protection system OTDT/OPDT Channel III was inoperable, the single failure criteria was not met, and as such, the specified safety function was lost, when more than one channel was inoperable (for approximately 4 hours).

Mitigating Systems Performance Index, Emergency AC Power System

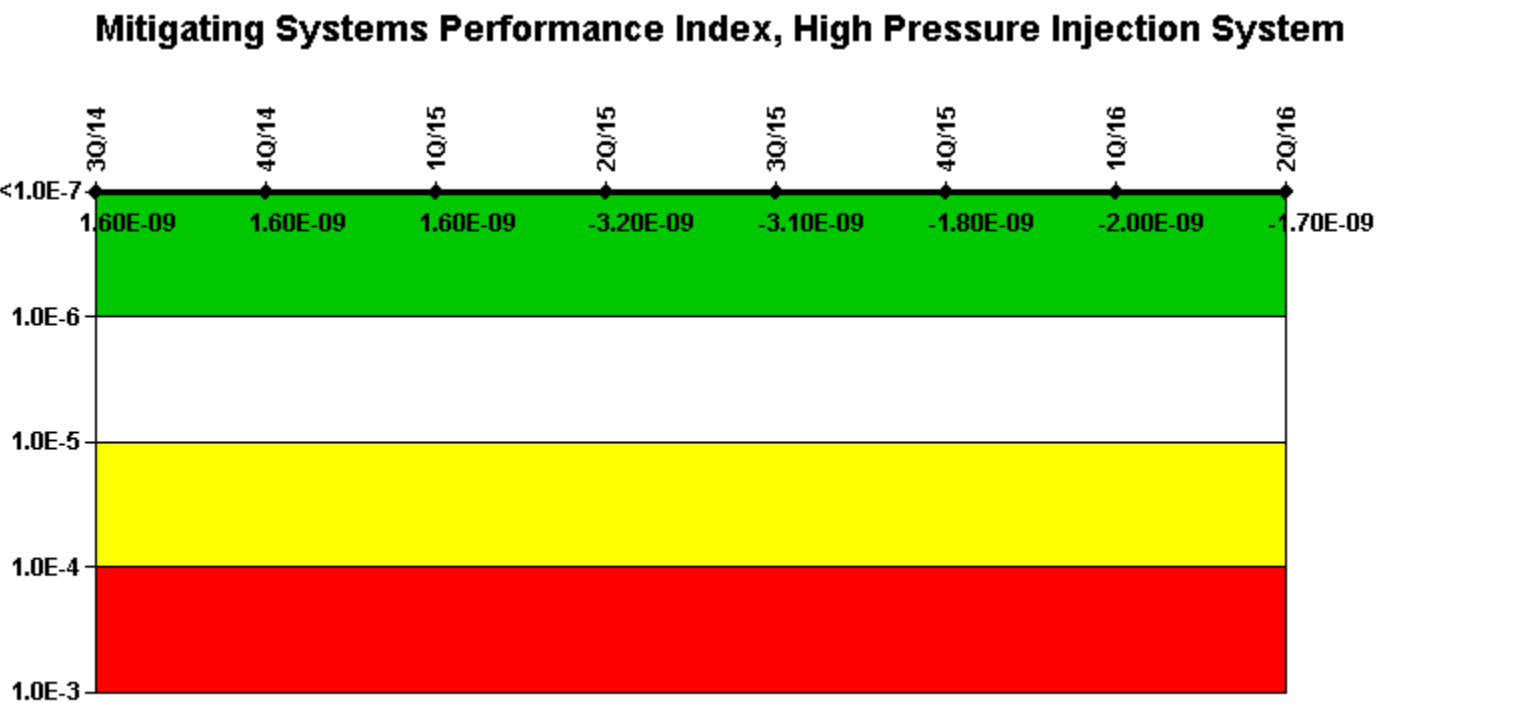


Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (ΔCDF)	8.21E-10	5.11E-10	7.33E-10	2.04E-09	2.09E-09	1.96E-09	2.08E-09	2.10E-09
URI (ΔCDF)	-2.58E-09	-4.62E-09	-5.14E-09	-5.02E-09	-5.04E-09	-4.93E-09	-4.57E-09	-4.26E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.80E-09	-4.10E-09	-4.40E-09	-3.00E-09	-2.90E-09	-3.00E-09	-2.50E-09	-2.20E-09

Licensee Comments: none



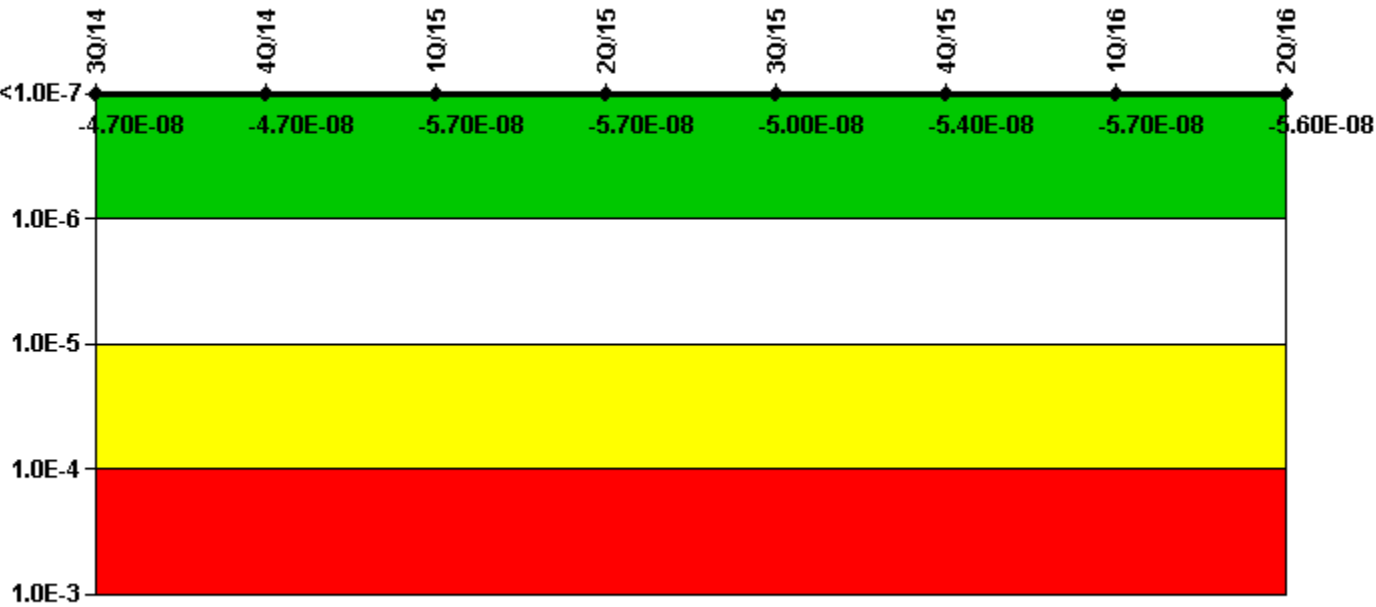
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
UAI (ΔCDF)	3.31E-09	3.41E-09	3.40E-09	-1.46E-09	-1.33E-09	-6.88E-11	-2.72E-10	3.82E-11
URI (ΔCDF)	-1.72E-09	-1.77E-09	-1.76E-09	-1.76E-09	-1.76E-09	-1.76E-09	-1.76E-09	-1.76E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.60E-09	1.60E-09	1.60E-09	-3.20E-09	-3.10E-09	-1.80E-09	-2.00E-09	-1.70E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



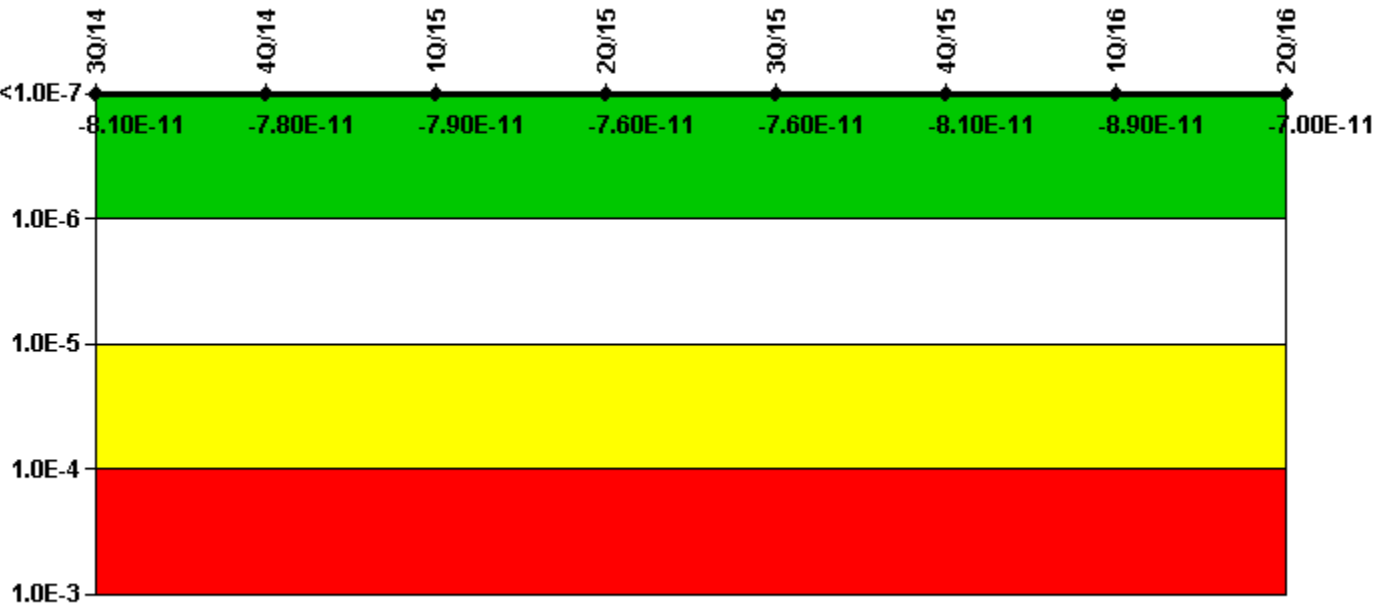
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
UAI (ΔCDF)	2.16E-08	2.23E-08	1.17E-08	1.21E-08	1.88E-08	1.48E-08	1.19E-08	1.22E-08
URI (ΔCDF)	-6.88E-08	-6.89E-08	-6.89E-08	-6.90E-08	-6.90E-08	-6.90E-08	-6.85E-08	-6.84E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.70E-08	-4.70E-08	-5.70E-08	-5.70E-08	-5.00E-08	-5.40E-08	-5.70E-08	-5.60E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



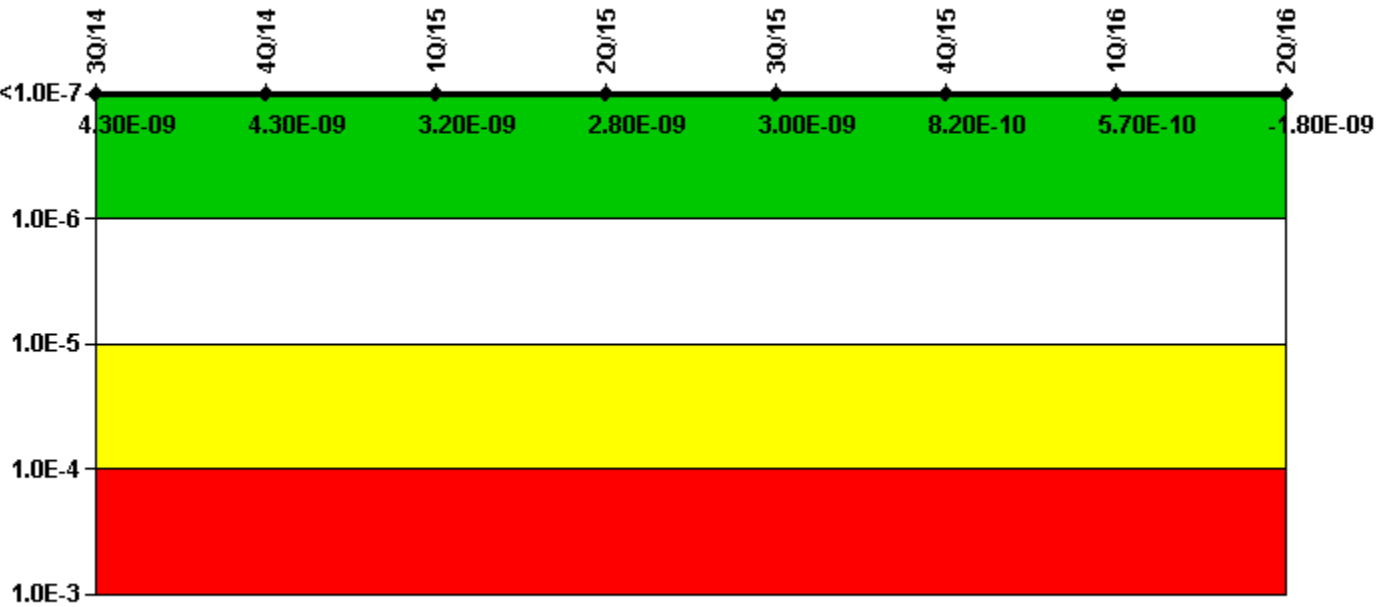
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
UAI (ΔCDF)	-5.95E-12	-3.62E-12	-4.51E-12	-1.36E-12	-1.10E-12	-5.85E-12	-1.39E-11	4.33E-12
URI (ΔCDF)	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-8.10E-11	-7.80E-11	-7.90E-11	-7.60E-11	-7.60E-11	-8.10E-11	-8.90E-11	-7.00E-11

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



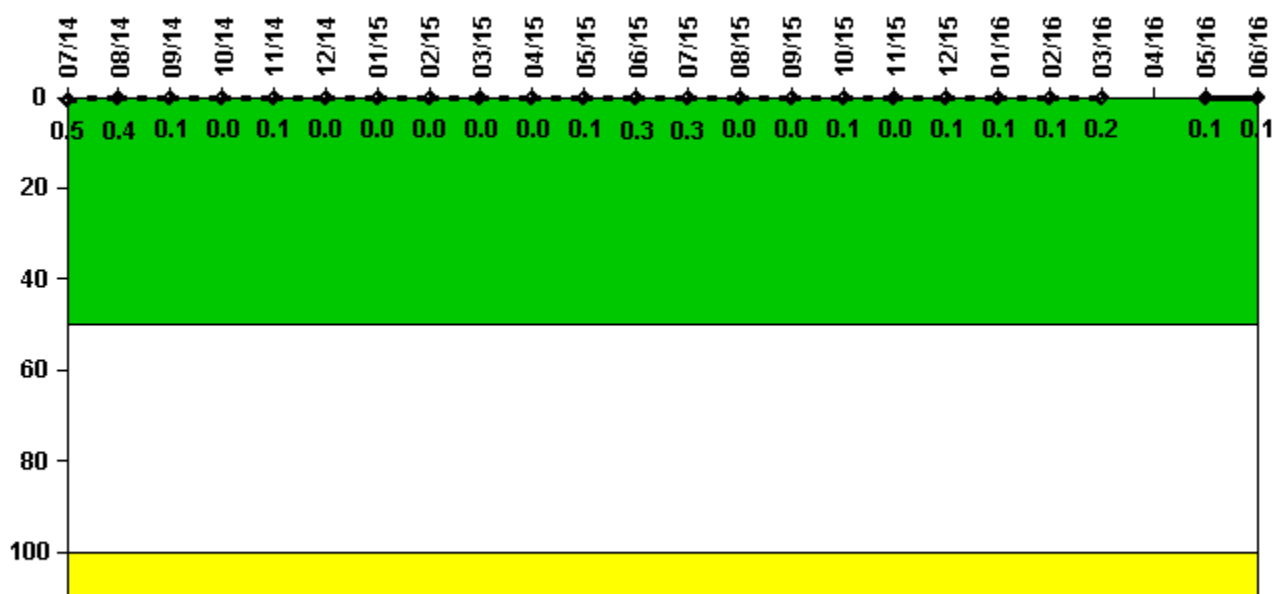
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	8.79E-09	8.84E-09	7.74E-09	7.33E-09	7.52E-09	5.34E-09	5.09E-09	2.74E-09
URI (ΔCDF)	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.30E-09	4.30E-09	3.20E-09	2.80E-09	3.00E-09	8.20E-10	5.70E-10	-1.80E-09

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

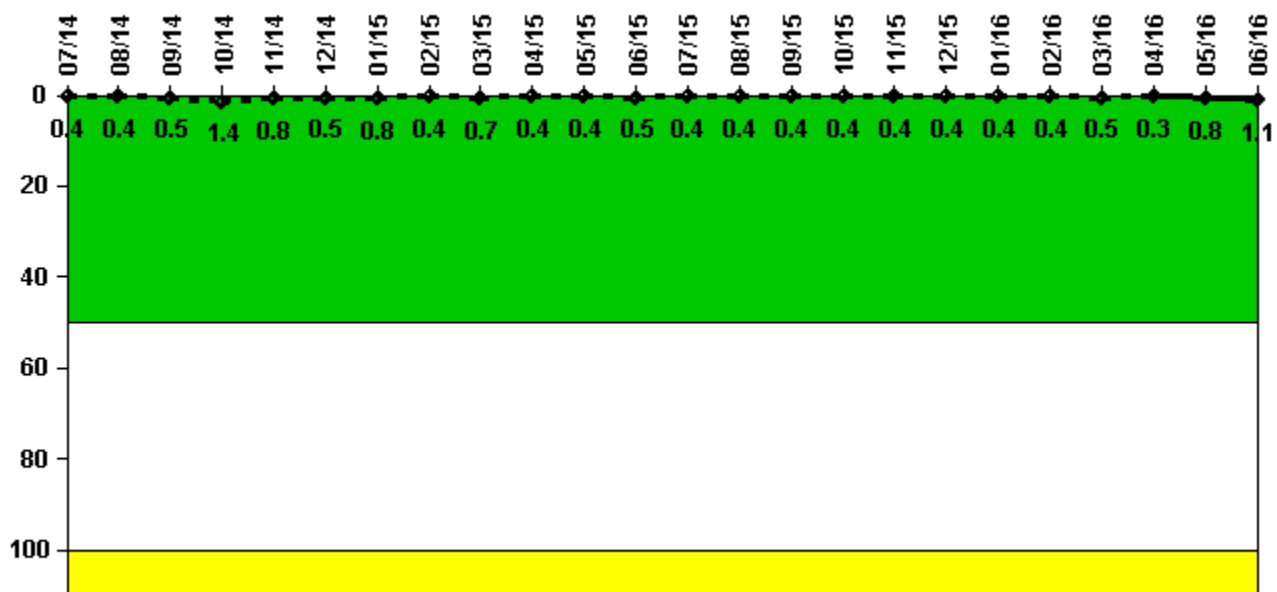
Notes

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	0.001300	0.000950	0.000190	0.000068	0.000160	0.000120	0.000100	0.000100	0.000100	0.000110	0.000240	0.000640
Technical specification limit	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Indicator value	0.5	0.4	0.1	0	0.1	0	0	0	0	0	0.1	0.3

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	0.000850	0.000120	0.000120	0.000290	0.000100	0.000240	0.000180	0.000140	0.000610	N/A	0.000320	0.000130
Technical specification limit	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Indicator value	0.3	0	0	0.1	0	0.1	0.1	0.1	0.2	N/A	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



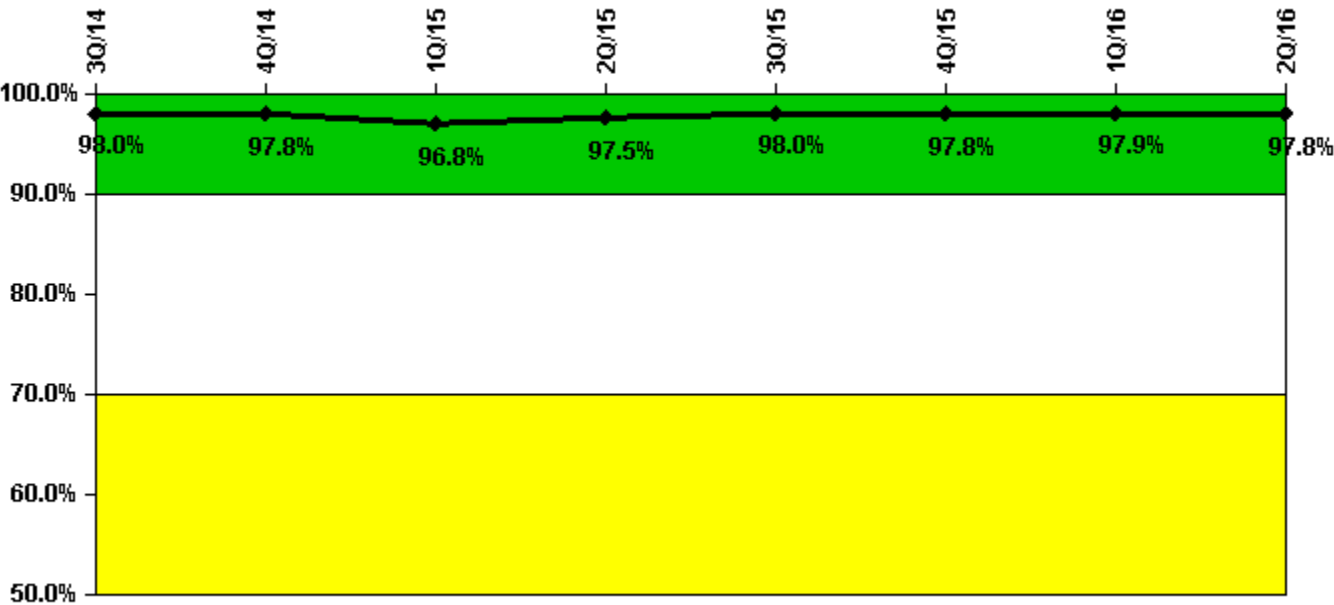
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/14	8/14	9/14	10/14	11/14	12/14	1/15	2/15	3/15	4/15	5/15	6/15
Maximum leakage	0.040	0.040	0.050	0.140	0.080	0.050	0.080	0.040	0.070	0.040	0.040	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	0.4	0.4	0.5	1.4	0.8	0.5	0.8	0.4	0.7	0.4	0.4	0.5
Reactor Coolant System Leakage	7/15	8/15	9/15	10/15	11/15	12/15	1/16	2/16	3/16	4/16	5/16	6/16
Maximum leakage	0.040	0.042	0.040	0.040	0.040	0.040	0.040	0.040	0.050	0.030	0.080	0.110
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.3	0.8	1.1

Licensee Comments: none

Drill/Exercise Performance



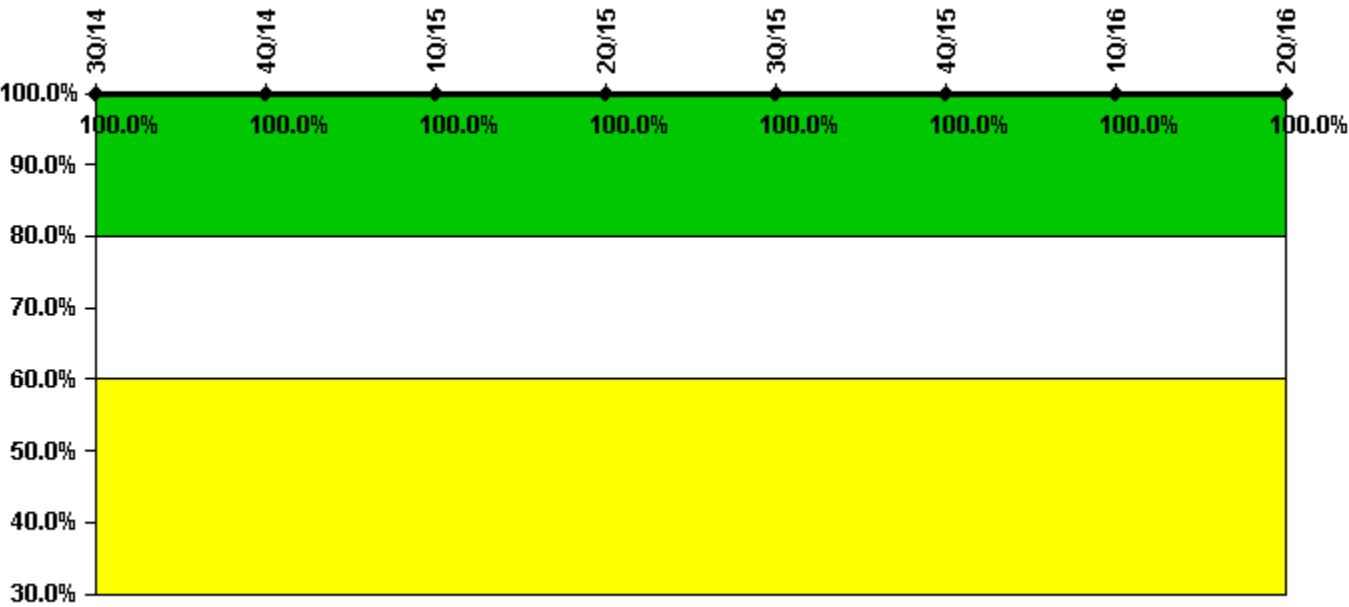
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Successful opportunities	18.0	39.0	29.0	33.0	40.0	14.0	44.0	4.0
Total opportunities	18.0	39.0	32.0	33.0	41.0	14.0	45.0	4.0
Indicator value	98.0%	97.8%	96.8%	97.5%	98.0%	97.8%	97.9%	97.8%

Licensee Comments: none

ERO Drill Participation



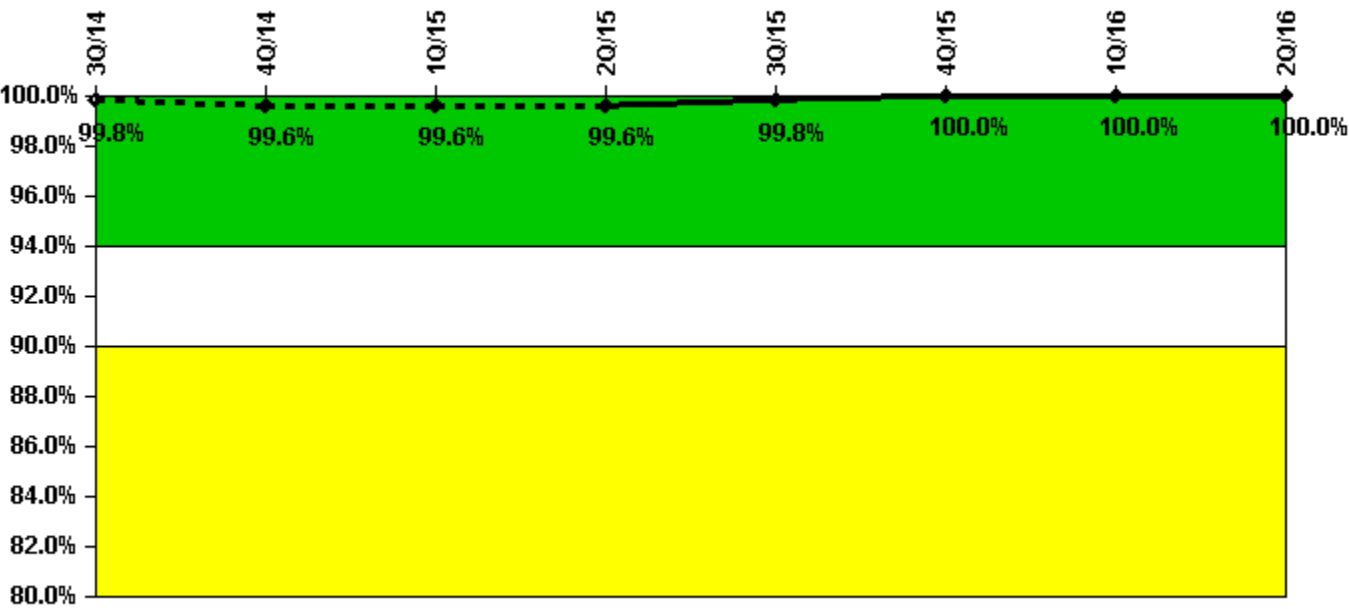
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Participating Key personnel	99.0	102.0	102.0	106.0	106.0	107.0	106.0	102.0
Total Key personnel	99.0	102.0	102.0	106.0	106.0	107.0	106.0	102.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



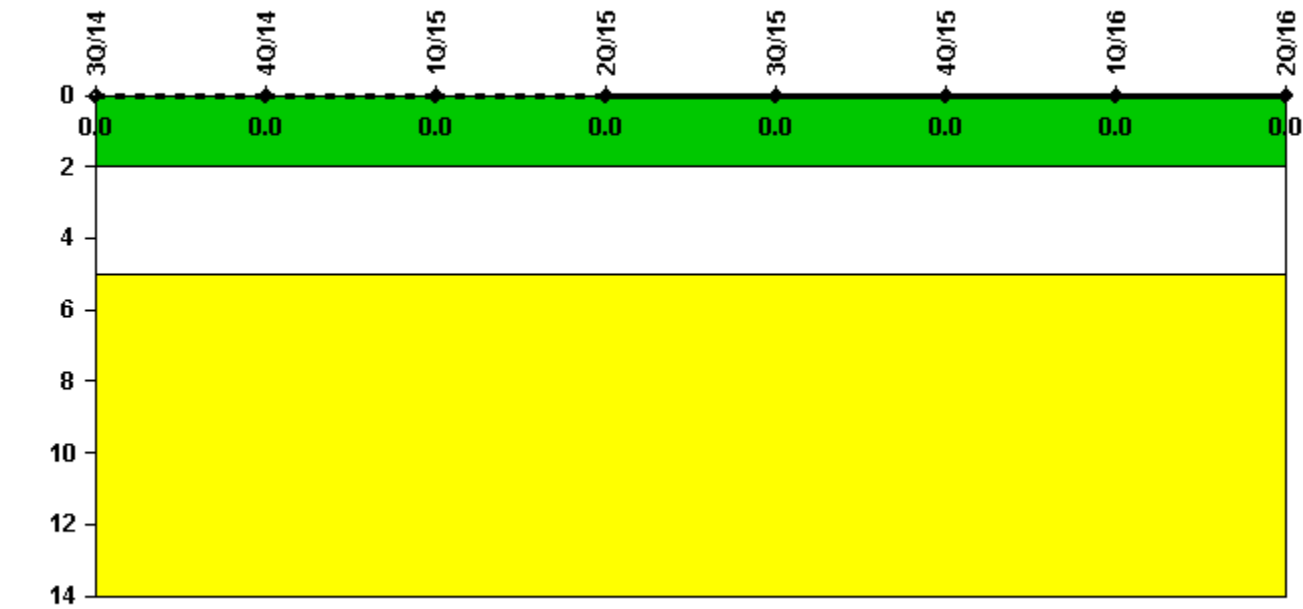
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Successful siren-tests	374	373	329	329	376	376	336	384
Total sirens-tests	376	376	329	329	376	376	336	384
Indicator value	99.8%	99.6%	99.6%	99.6%	99.8%	100.0%	100.0%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



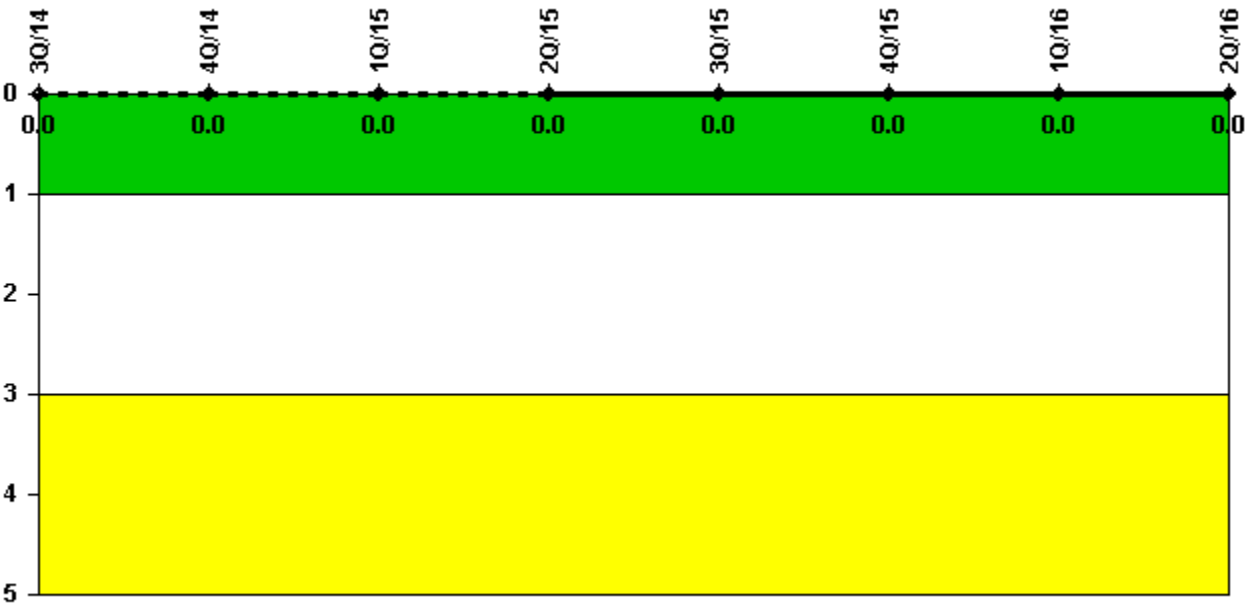
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/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

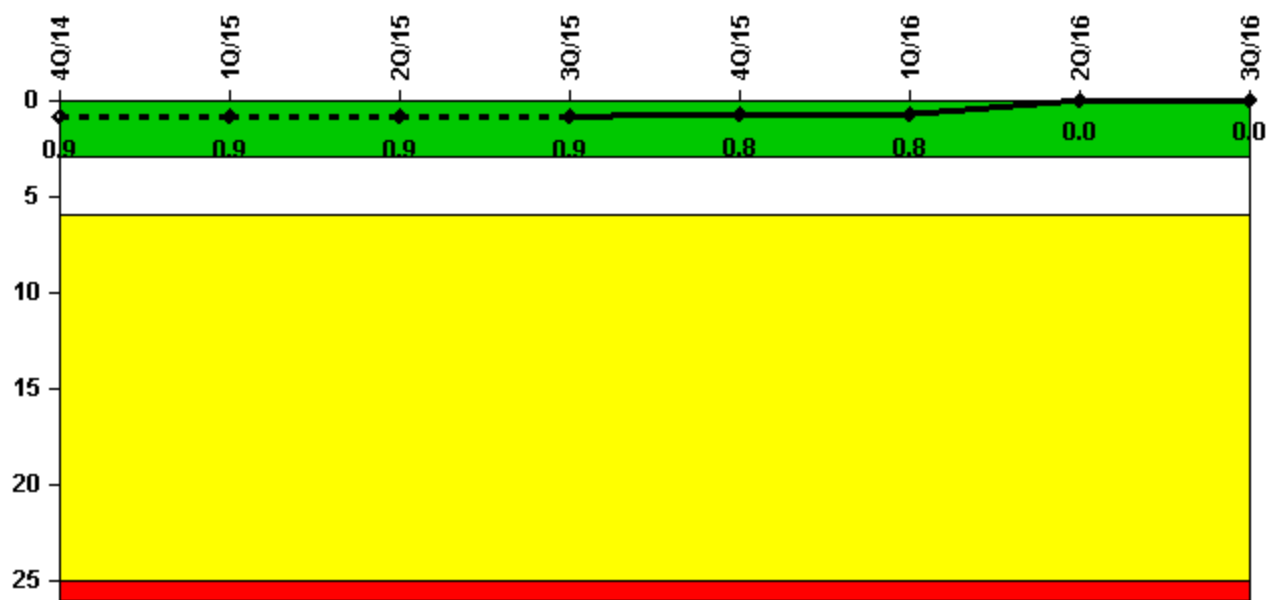
Turkey Point 4

3Q/2016 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



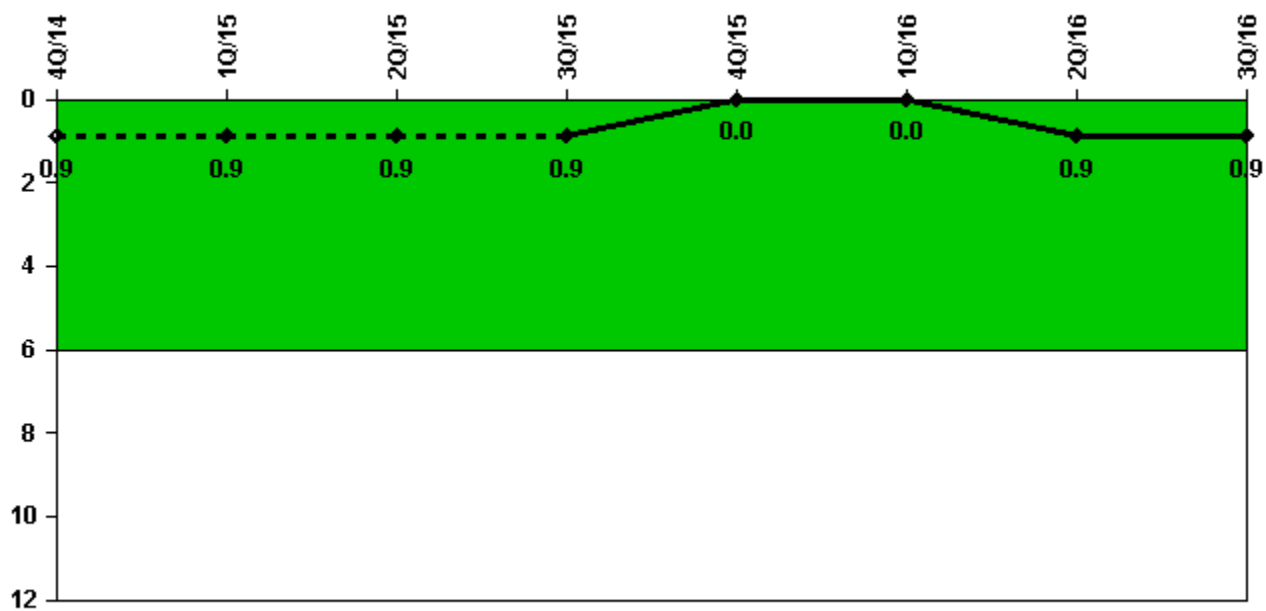
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0	0	0
Critical hours	1644.9	2159.0	2073.8	2208.0	2209.0	2112.4	1538.1	2208.0
Indicator value	0.9	0.9	0.9	0.9	0.8	0.8	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

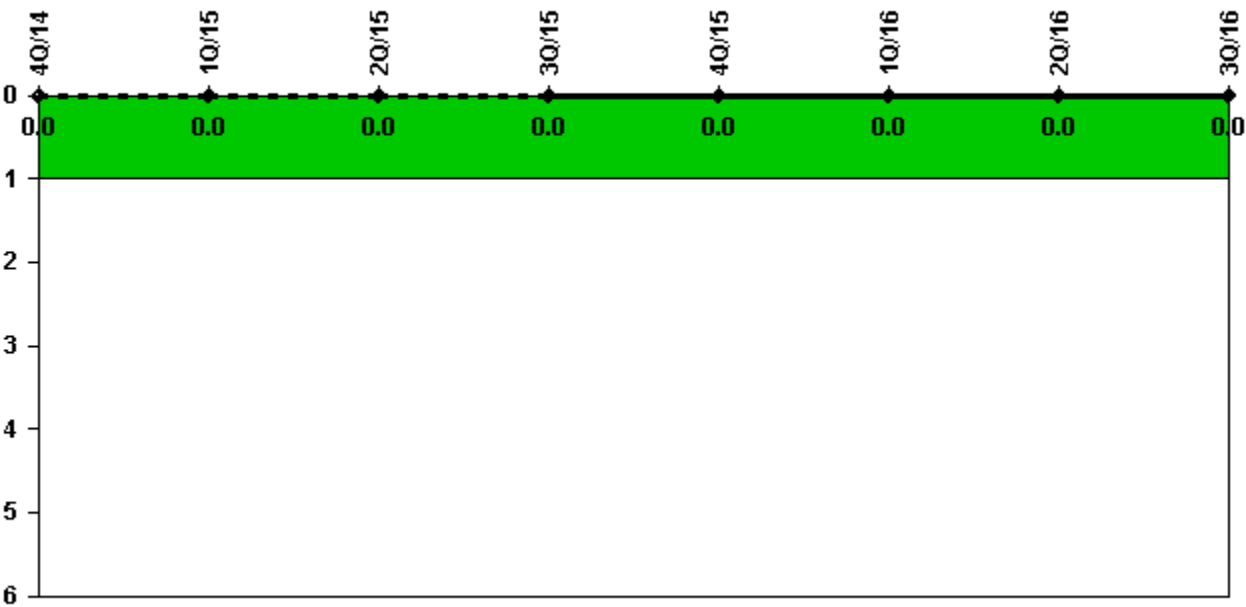
Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Unplanned power changes	1.0	0	0	0	0	0	1.0	0
Critical hours	1644.9	2159.0	2073.8	2208.0	2209.0	2112.4	1538.1	2208.0
Indicator value	0.9	0.9	0.9	0.9	0	0	0.9	0.9

Licensee Comments:

2Q/16: Turkey Point Unit 4 performed an unplanned downpower on 5/19/2016 due to a EHC leak on the 4C MSR. Unit 4 returned to full power on 5/20/2016

Unplanned Scrams with Complications



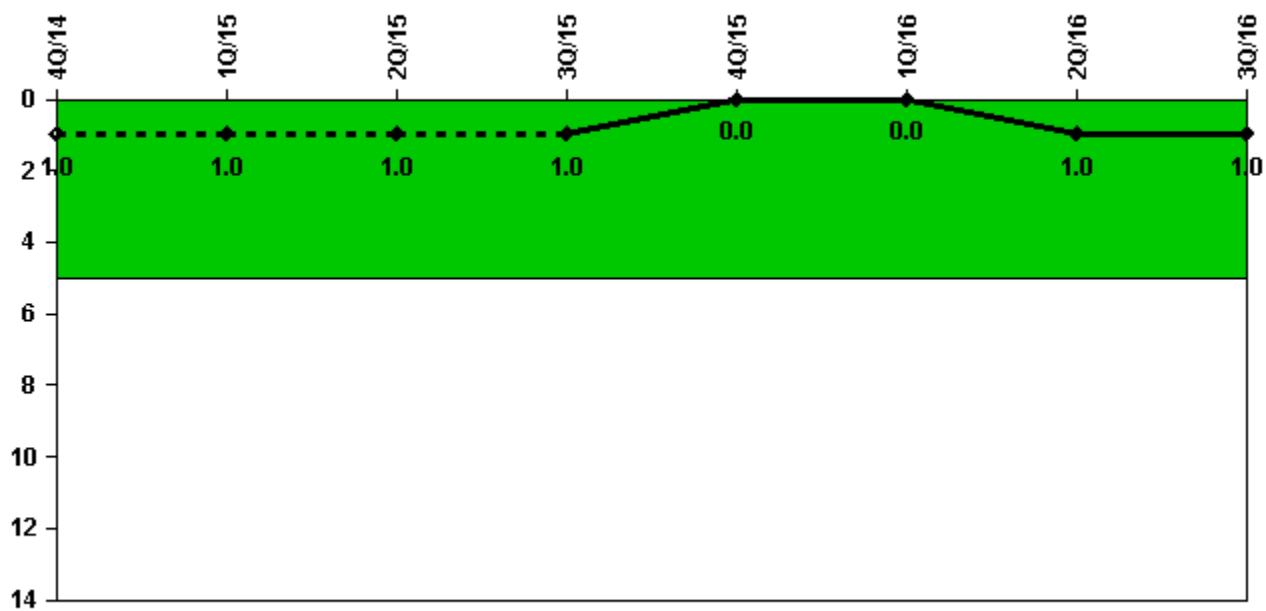
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

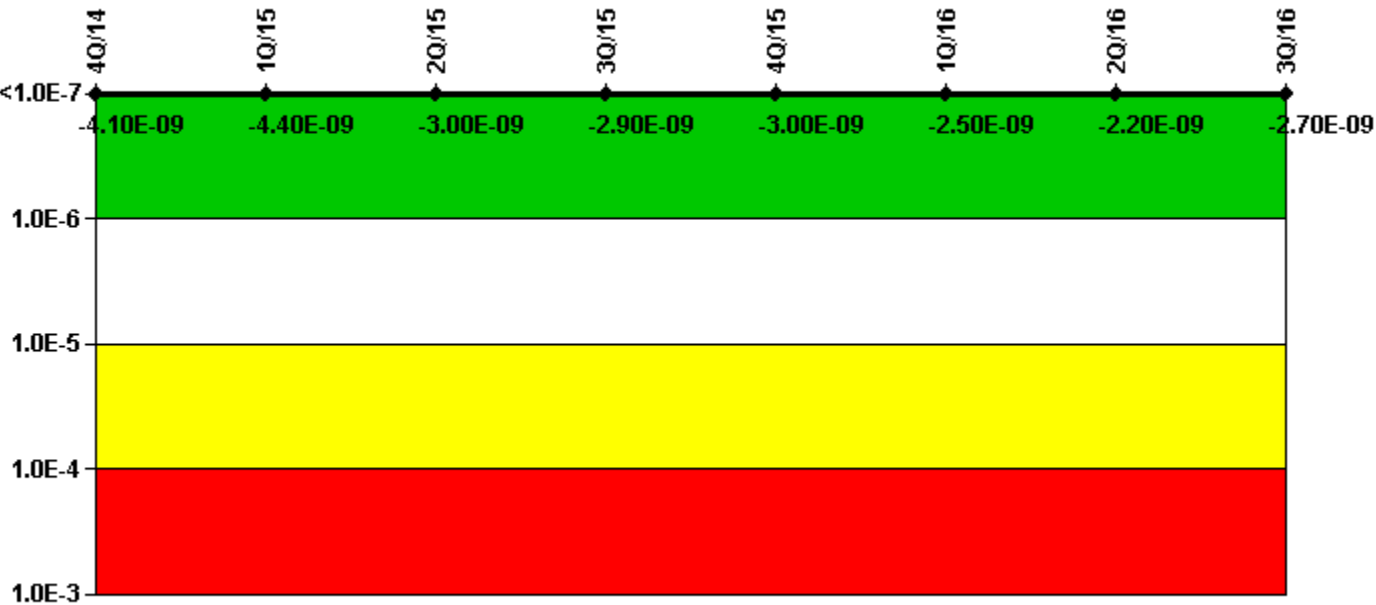
Notes

Safety System Functional Failures (PWR)	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Safety System Functional Failures	1	0	0	0	0	0	1	0
Indicator value	1	1	1	1	0	0	1	1

Licensee Comments:

2Q/16: Licensee Event Report, LER 2016-01-00, reports that Turkey Point Unit 4 during the five day period that the reactor protection system OTDT/OPDT Channel III was inoperable, the single failure criteria was not met, and as such, the specified safety function was lost, when more than one channel was inoperable (for approximately 4 hours).

Mitigating Systems Performance Index, Emergency AC Power System

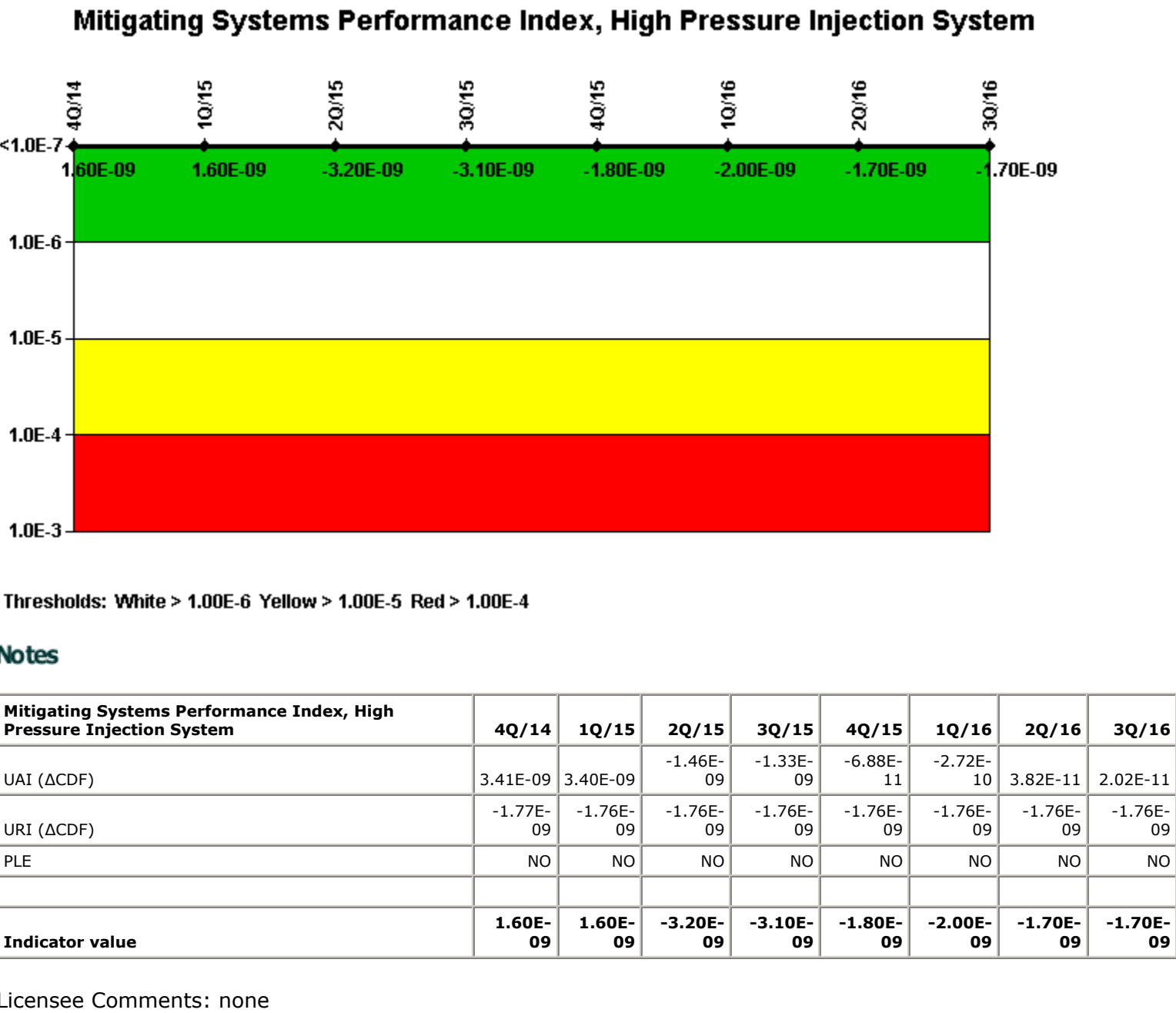


Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

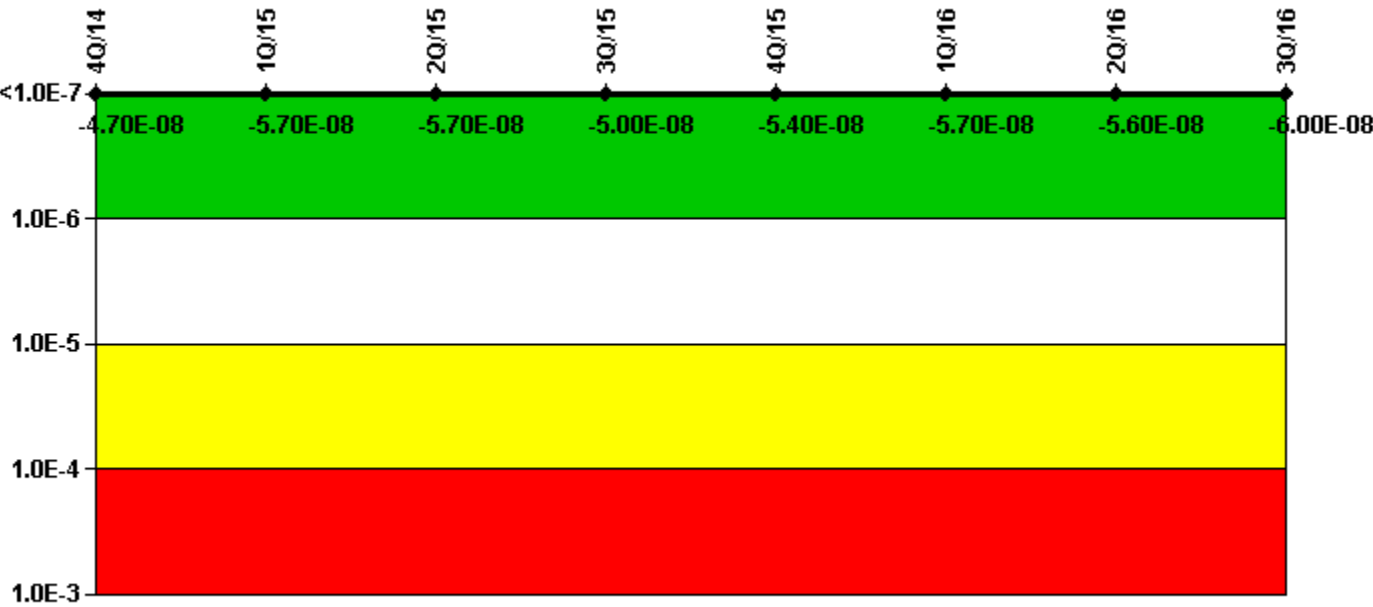
Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
UAI (ΔCDF)	5.11E-10	7.33E-10	2.04E-09	2.09E-09	1.96E-09	2.08E-09	2.10E-09	1.84E-09
URI (ΔCDF)	-4.62E-09	-5.14E-09	-5.02E-09	-5.04E-09	-4.93E-09	-4.57E-09	-4.26E-09	-4.56E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.10E-09	-4.40E-09	-3.00E-09	-2.90E-09	-3.00E-09	-2.50E-09	-2.20E-09	-2.70E-09

Licensee Comments: none



Mitigating Systems Performance Index, Heat Removal System



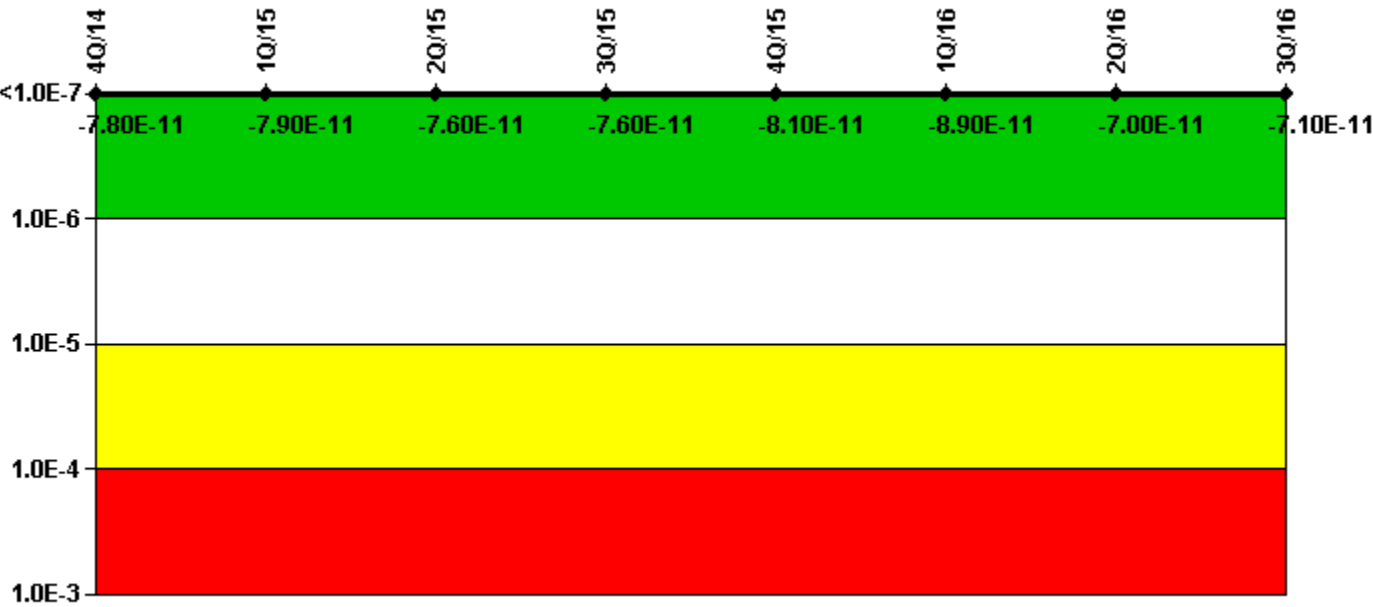
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
UAI (ΔCDF)	2.23E-08	1.17E-08	1.21E-08	1.88E-08	1.48E-08	1.19E-08	1.22E-08	8.26E-09
URI (ΔCDF)	-6.89E-08	-6.89E-08	-6.90E-08	-6.90E-08	-6.90E-08	-6.85E-08	-6.84E-08	-6.84E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.70E-08	-5.70E-08	-5.70E-08	-5.00E-08	-5.40E-08	-5.70E-08	-5.60E-08	-6.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



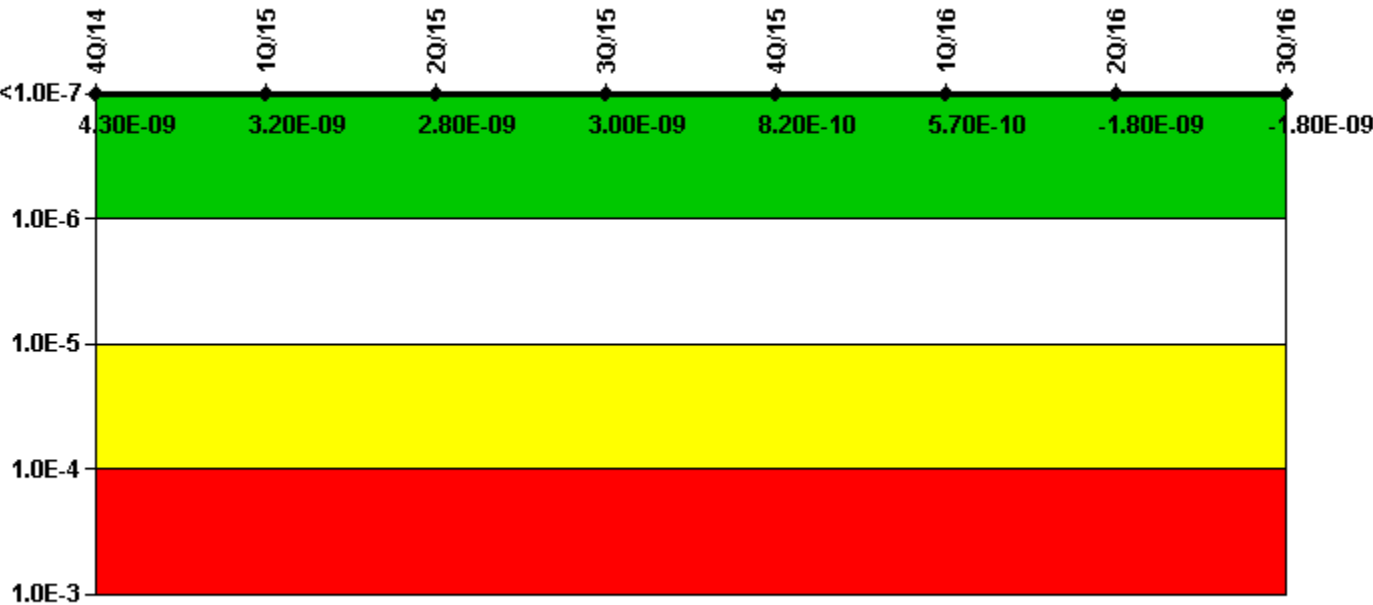
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
UAI (ΔCDF)	-3.62E-12	-4.51E-12	-1.36E-12	-1.10E-12	-5.85E-12	-1.39E-11	4.33E-12	3.55E-12
URI (ΔCDF)	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-7.80E-11	-7.90E-11	-7.60E-11	-7.60E-11	-8.10E-11	-8.90E-11	-7.00E-11	-7.10E-11

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



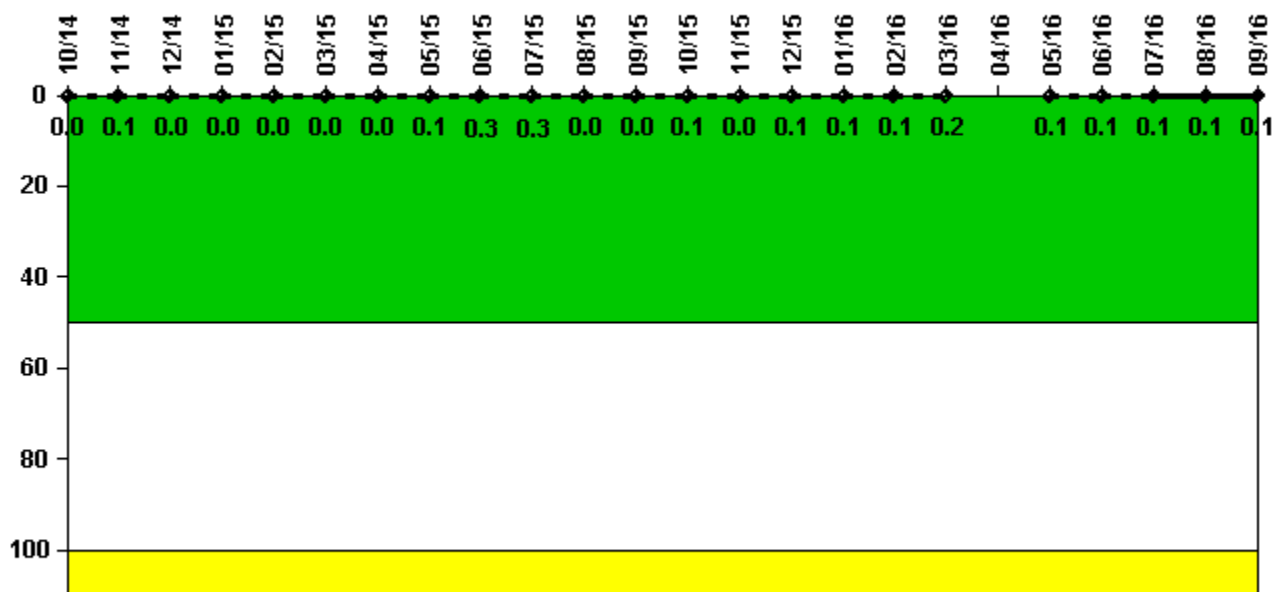
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	8.84E-09	7.74E-09	7.33E-09	7.52E-09	5.34E-09	5.09E-09	2.74E-09	2.72E-09
URI (ΔCDF)	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.30E-09	3.20E-09	2.80E-09	3.00E-09	8.20E-10	5.70E-10	-1.80E-09	-1.80E-09

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

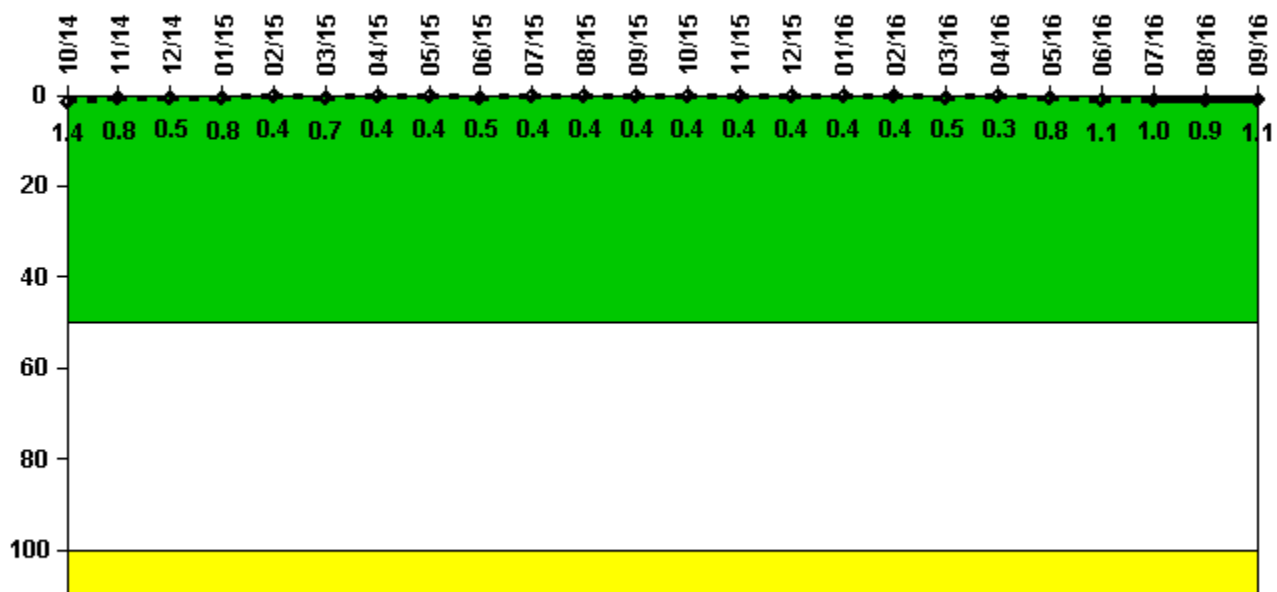
Notes

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	0.000068	0.000160	0.000120	0.000100	0.000100	0.000100	0.000110	0.000240	0.000640	0.000850	0.000120	0.000120
Technical specification limit	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Indicator value	0	0.1	0	0	0	0	0	0.1	0.3	0.3	0	0

Reactor Coolant System Activity	10/15	11/15	12/15	1/16	2/16	3/16	4/16	5/16	6/16	7/16	8/16	9/16
Maximum activity	0.000290	0.000100	0.000240	0.000180	0.000140	0.000610	N/A	0.000320	0.000130	0.000130	0.000150	0.000150
Technical specification limit	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Indicator value	0.1	0	0.1	0.1	0.1	0.2	N/A	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



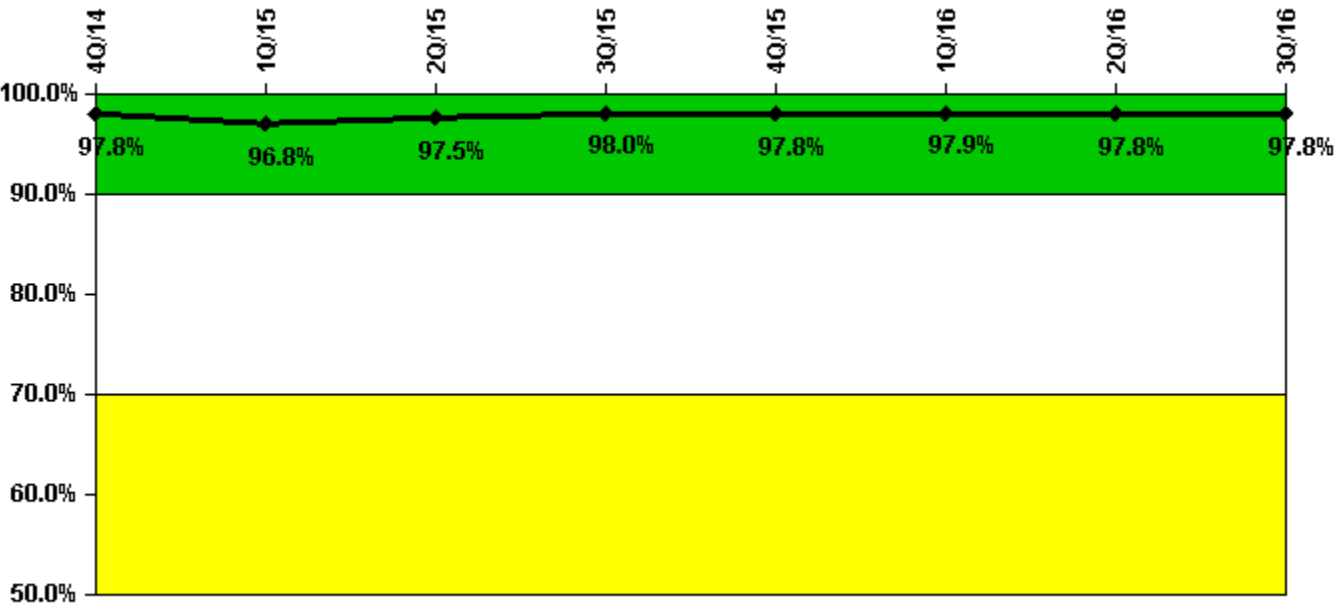
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/14	11/14	12/14	1/15	2/15	3/15	4/15	5/15	6/15	7/15	8/15	9/15
Maximum leakage	0.140	0.080	0.050	0.080	0.040	0.070	0.040	0.040	0.050	0.040	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	1.4	0.8	0.5	0.8	0.4	0.7	0.4	0.4	0.5	0.4	0.4	0.4
Reactor Coolant System Leakage	10/15	11/15	12/15	1/16	2/16	3/16	4/16	5/16	6/16	7/16	8/16	9/16
Maximum leakage	0.040	0.040	0.040	0.040	0.040	0.050	0.030	0.080	0.110	0.100	0.090	0.110
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.4	0.4	0.4	0.4	0.5	0.3	0.8	1.1	1.0	0.9	1.1

Licensee Comments: none

Drill/Exercise Performance



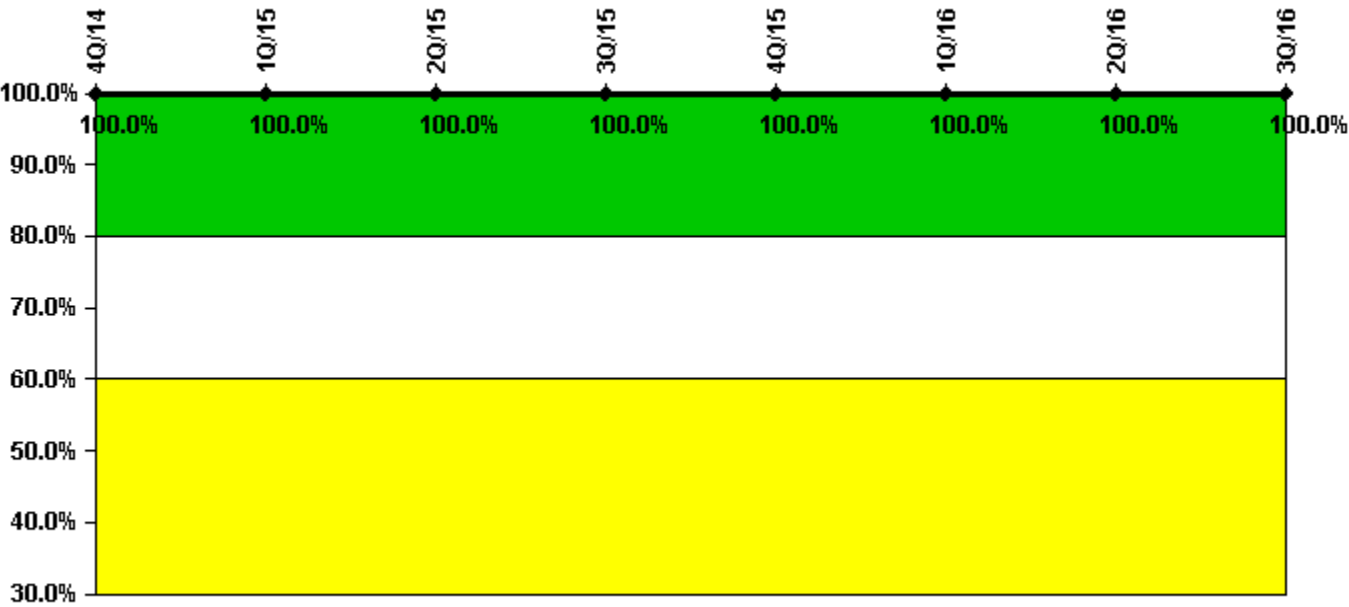
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Successful opportunities	39.0	29.0	33.0	40.0	14.0	44.0	4.0	24.0
Total opportunities	39.0	32.0	33.0	41.0	14.0	45.0	4.0	24.0
Indicator value	97.8%	96.8%	97.5%	98.0%	97.8%	97.9%	97.8%	97.8%

Licensee Comments: none

ERO Drill Participation



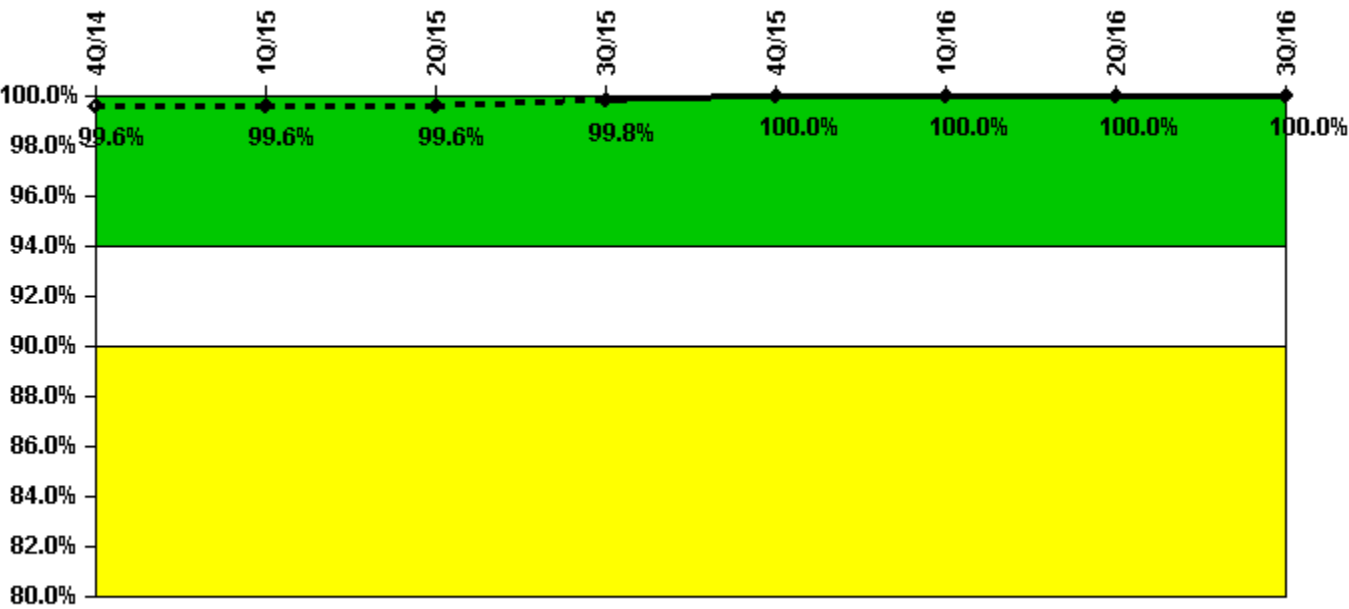
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Participating Key personnel	102.0	102.0	106.0	106.0	107.0	106.0	102.0	102.0
Total Key personnel	102.0	102.0	106.0	106.0	107.0	106.0	102.0	102.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



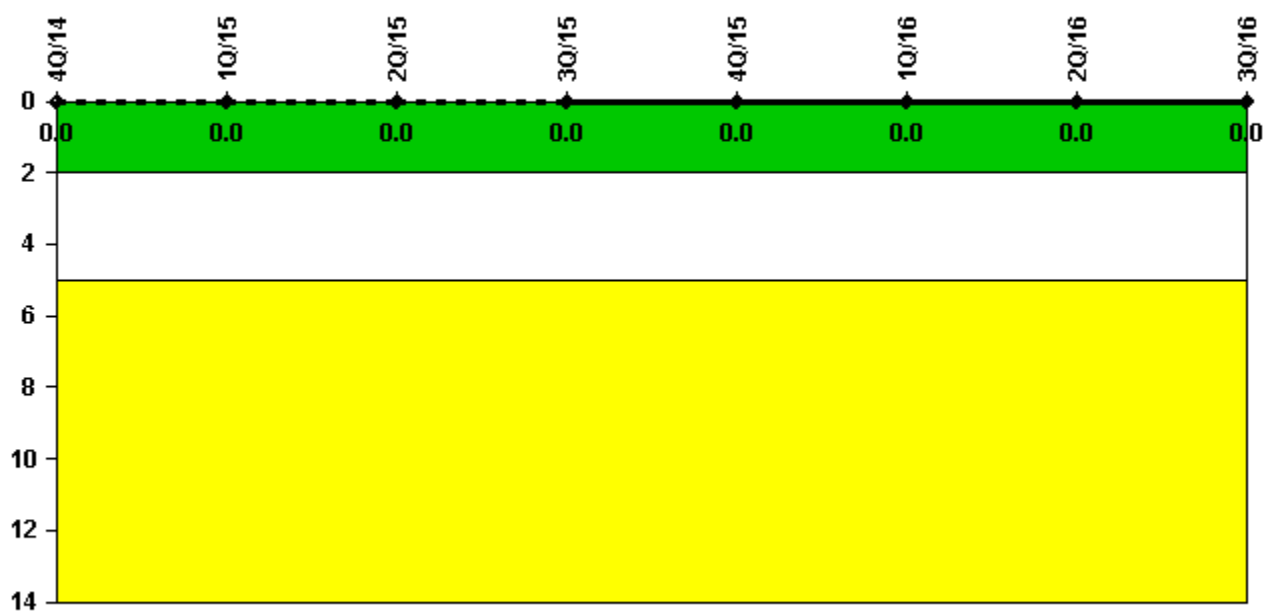
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Successful siren-tests	373	329	329	376	376	336	384	336
Total sirens-tests	376	329	329	376	376	336	384	336
Indicator value	99.6%	99.6%	99.6%	99.8%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



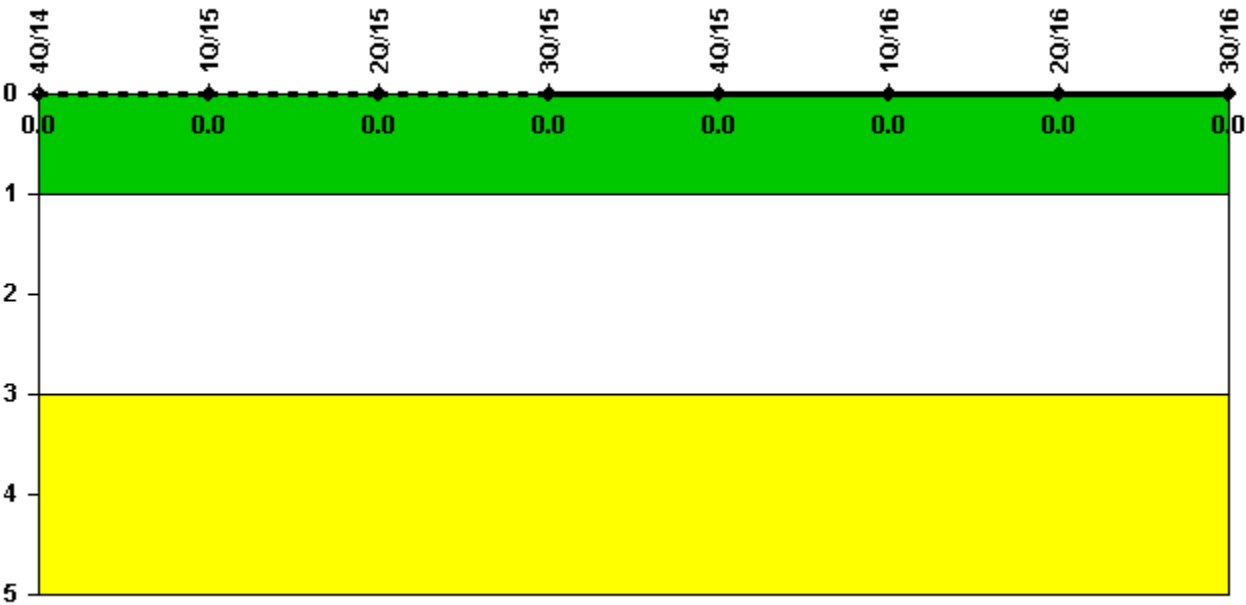
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/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

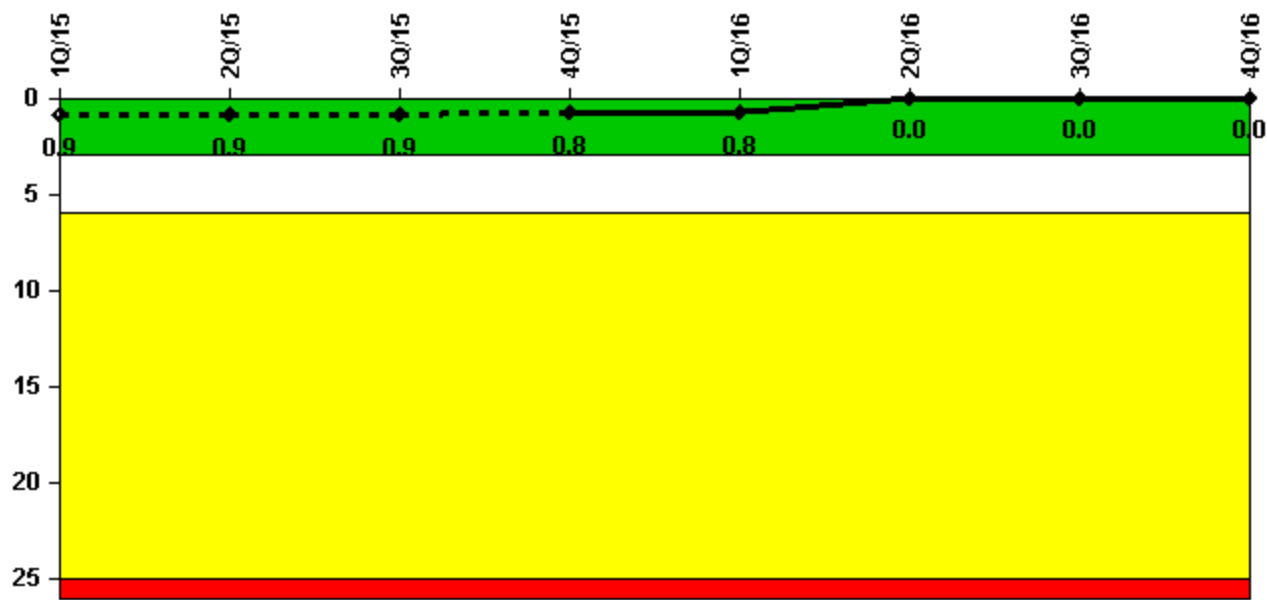
Turkey Point 4

4Q/2016 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



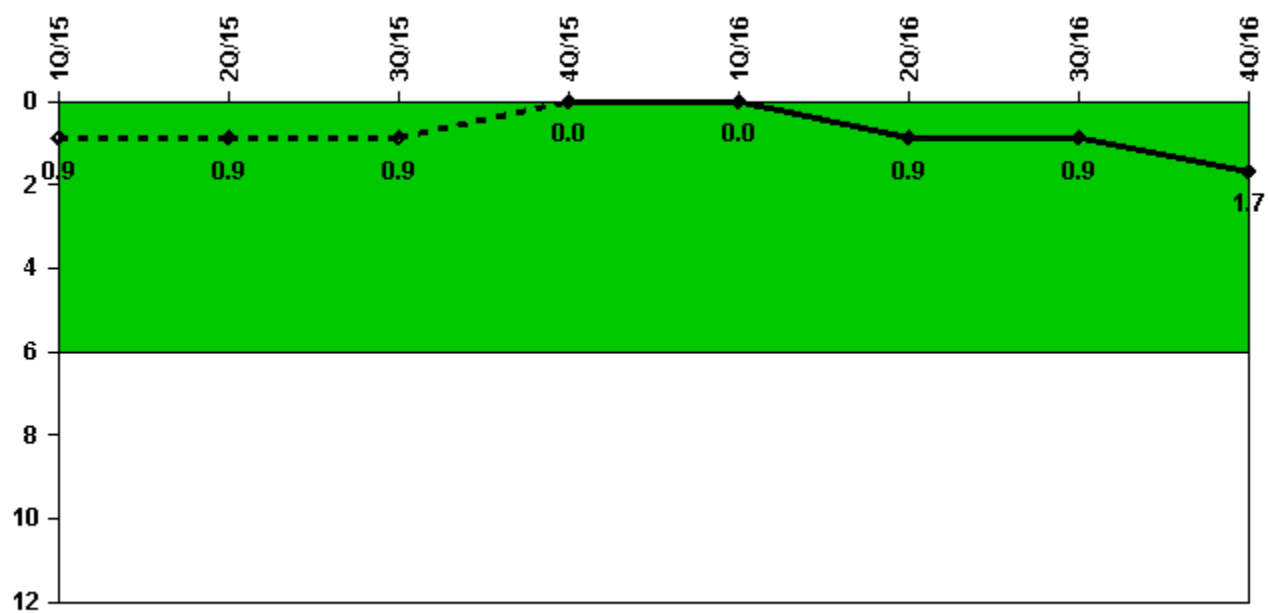
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0	0	0	0
Critical hours	2159.0	2073.8	2208.0	2209.0	2112.4	1538.1	2208.0	2209.0
Indicator value	0.9	0.9	0.9	0.8	0.8	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

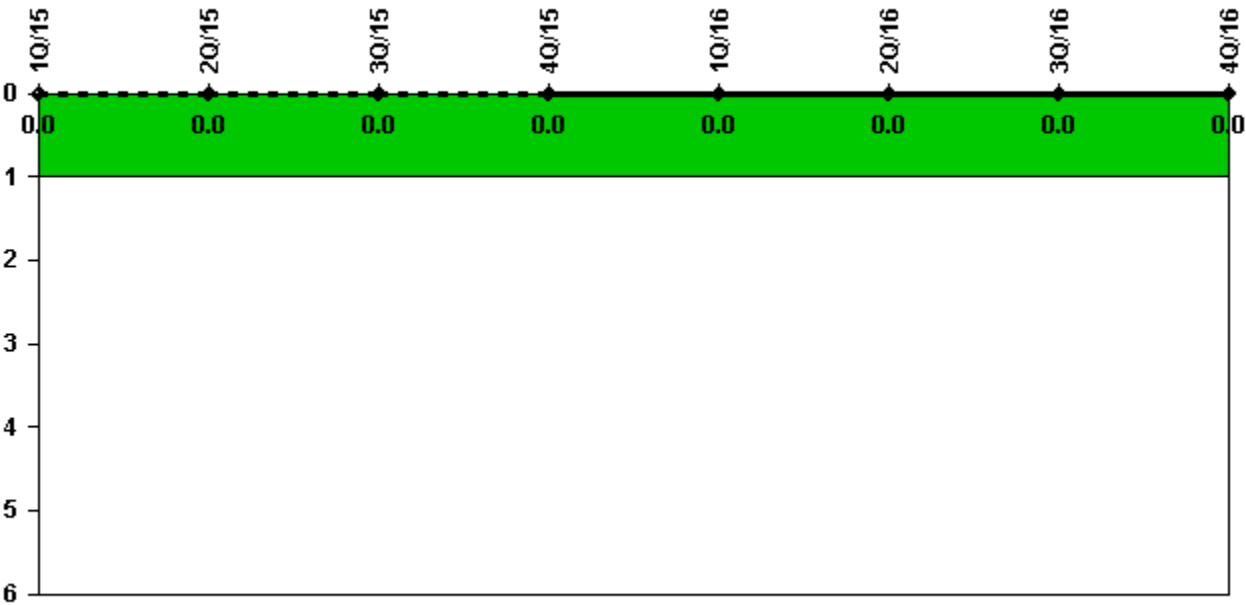
Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Unplanned power changes	0	0	0	0	0	1.0	0	1.0
Critical hours	2159.0	2073.8	2208.0	2209.0	2112.4	1538.1	2208.0	2209.0
Indicator value	0.9	0.9	0.9	0	0	0.9	0.9	1.7

Licensee Comments:

2Q/16: Turkey Point Unit 4 performed an unplanned downpower on 5/19/2016 due to a EHC leak on the 4C MSR. Unit 4 returned to full power on 5/20/2016

Unplanned Scrams with Complications



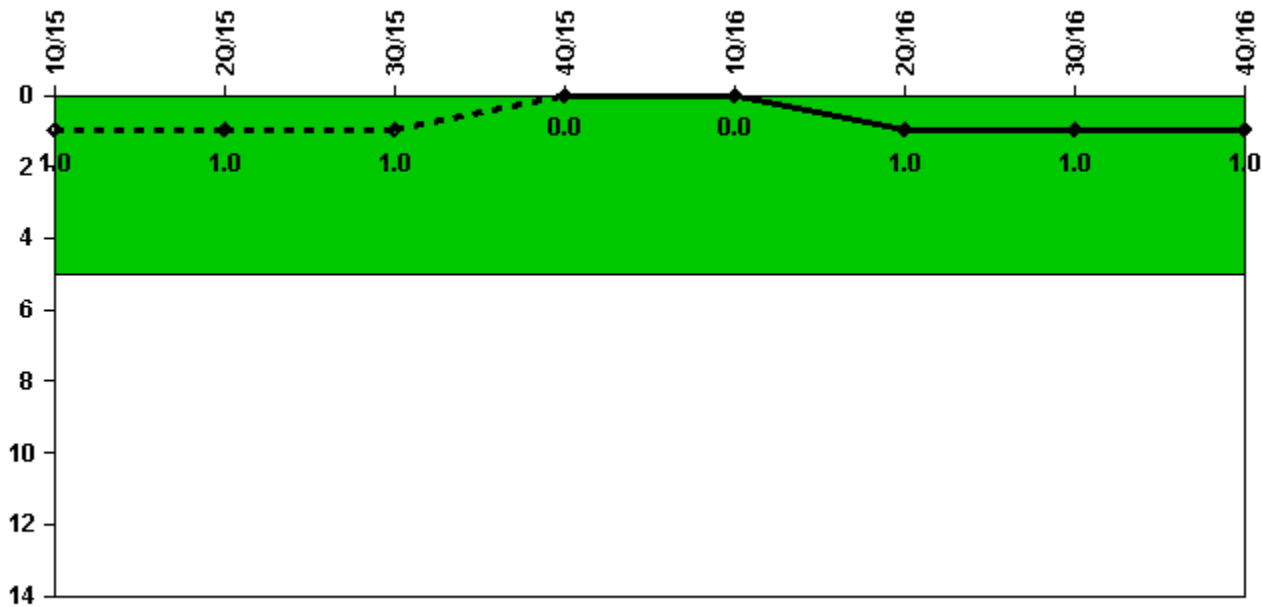
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	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

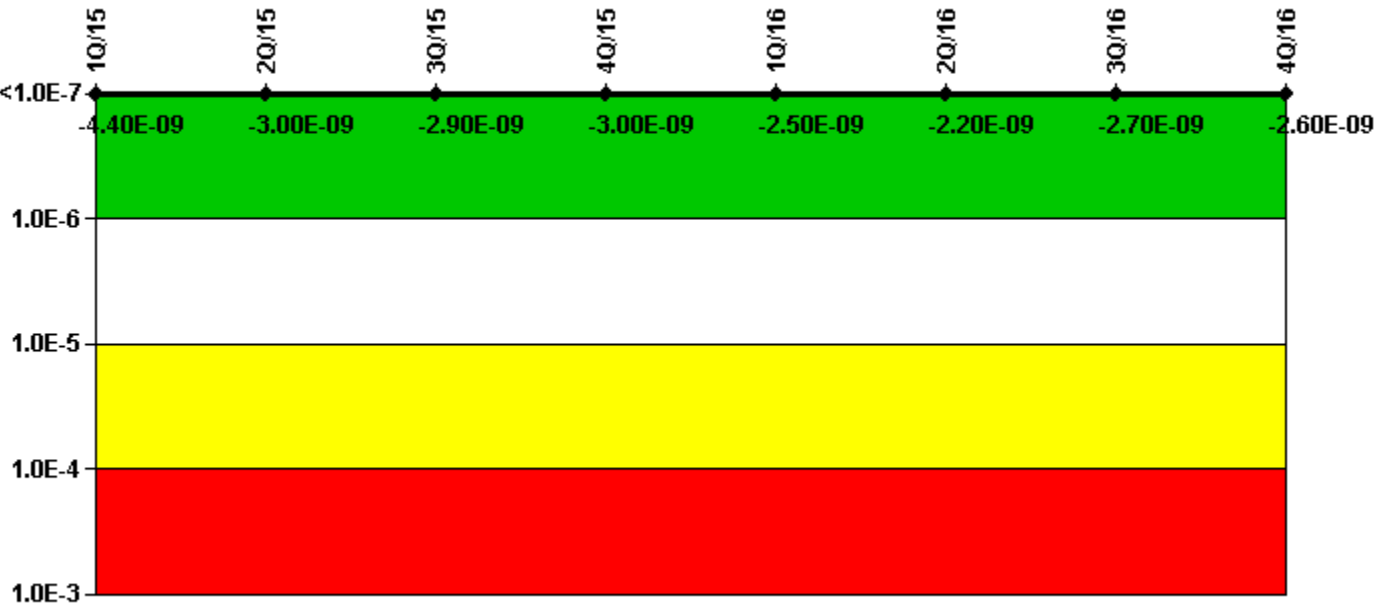
Notes

Safety System Functional Failures (PWR)	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Safety System Functional Failures	0	0	0	0	0	1	0	0
Indicator value	1	1	1	0	0	1	1	1

Licensee Comments:

2Q/16: Licensee Event Report, LER 2016-01-00, reports that Turkey Point Unit 4 during the five day period that the reactor protection system OTDT/OPDT Channel III was inoperable, the single failure criteria was not met, and as such, the specified safety function was lost, when more than one channel was inoperable (for approximately 4 hours).

Mitigating Systems Performance Index, Emergency AC Power System

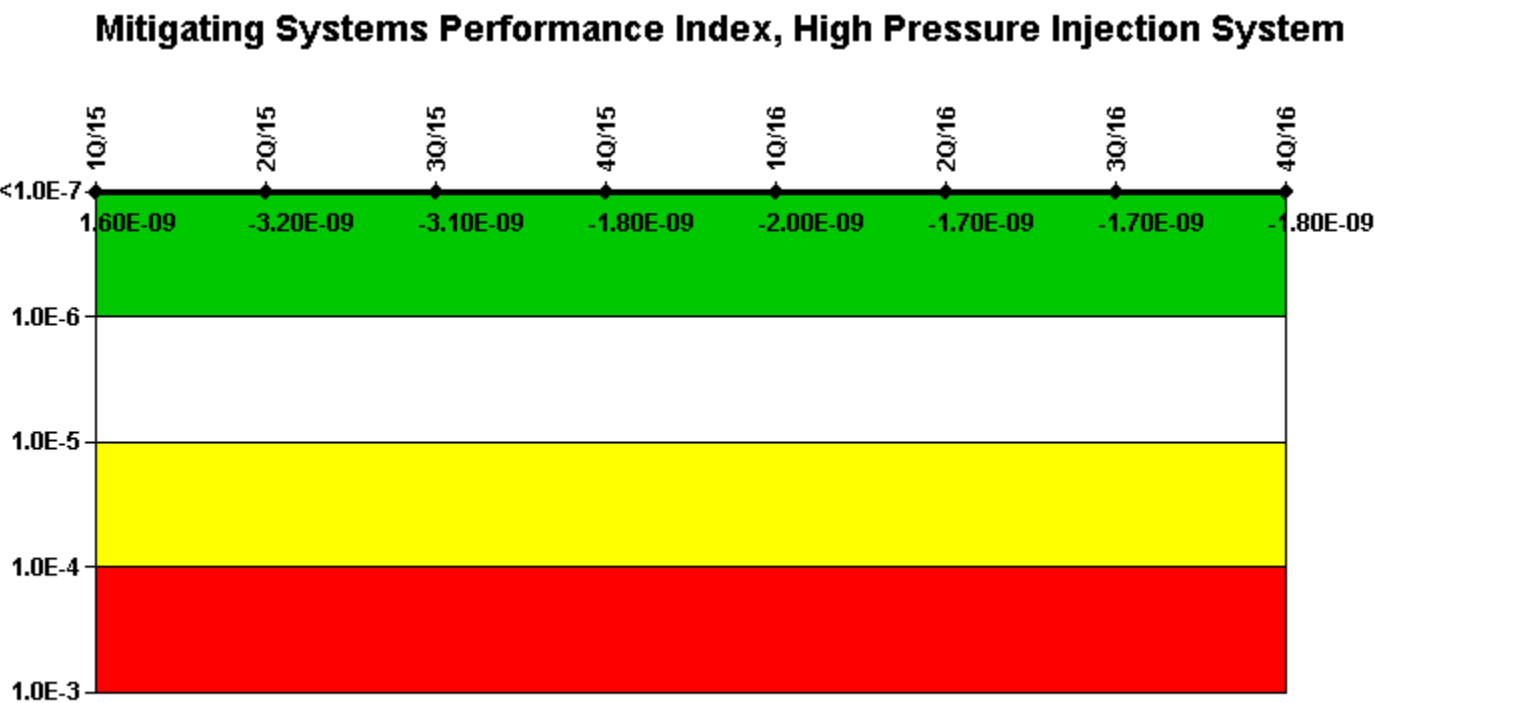


Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (ΔCDF)	7.33E-10	2.04E-09	2.09E-09	1.96E-09	2.08E-09	2.10E-09	1.84E-09	1.95E-09
URI (ΔCDF)	-5.14E-09	-5.02E-09	-5.04E-09	-4.93E-09	-4.57E-09	-4.26E-09	-4.56E-09	-4.55E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.40E-09	-3.00E-09	-2.90E-09	-3.00E-09	-2.50E-09	-2.20E-09	-2.70E-09	-2.60E-09

Licensee Comments: none



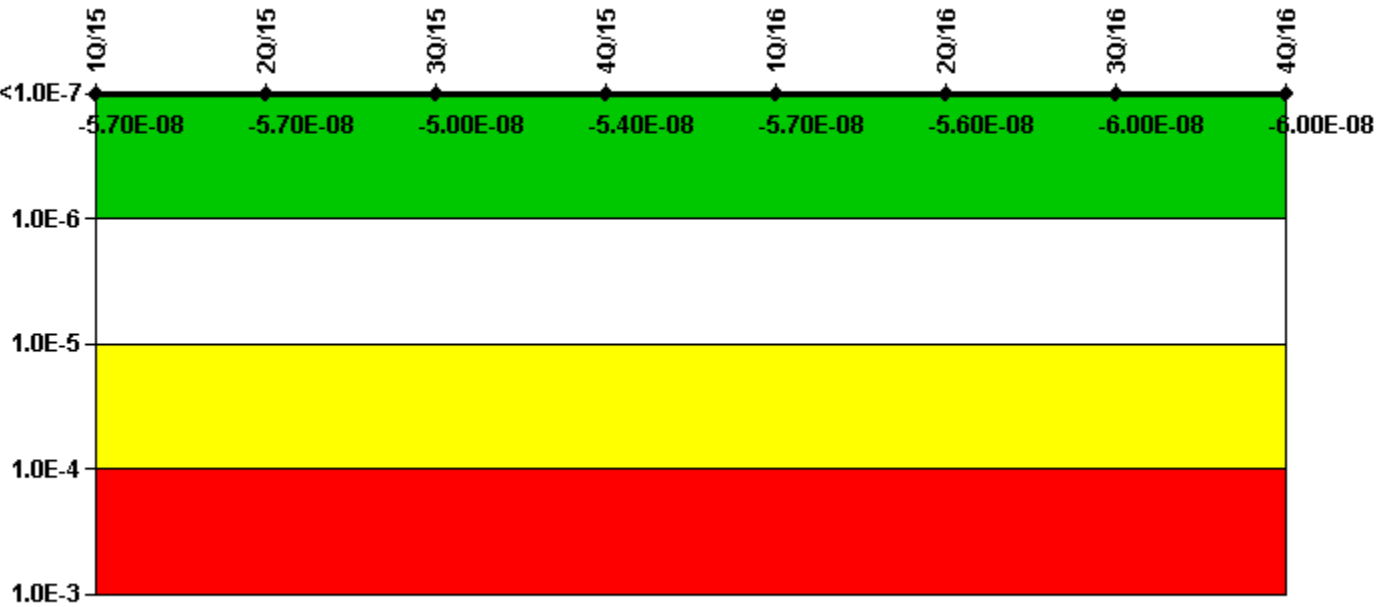
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
UAI (ΔCDF)	3.40E-09	-1.46E-09	-1.33E-09	-6.88E-11	-2.72E-10	3.82E-11	2.02E-11	-5.05E-11
URI (ΔCDF)	-1.76E-09	-1.76E-09	-1.76E-09	-1.76E-09	-1.76E-09	-1.76E-09	-1.76E-09	-1.72E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.60E-09	-3.20E-09	-3.10E-09	-1.80E-09	-2.00E-09	-1.70E-09	-1.70E-09	-1.80E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



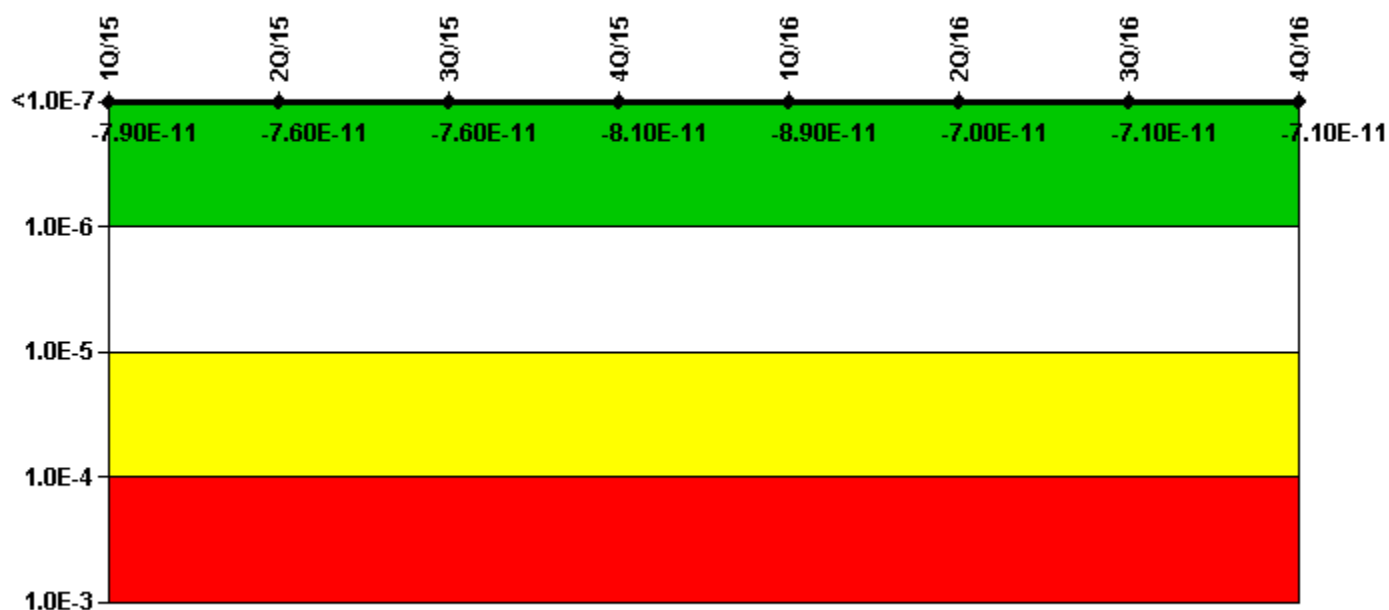
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
UAI (ΔCDF)	1.17E-08	1.21E-08	1.88E-08	1.48E-08	1.19E-08	1.22E-08	8.26E-09	8.13E-09
URI (ΔCDF)	-6.89E-08	-6.90E-08	-6.90E-08	-6.90E-08	-6.85E-08	-6.84E-08	-6.84E-08	-6.84E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.70E-08	-5.70E-08	-5.00E-08	-5.40E-08	-5.70E-08	-5.60E-08	-6.00E-08	-6.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



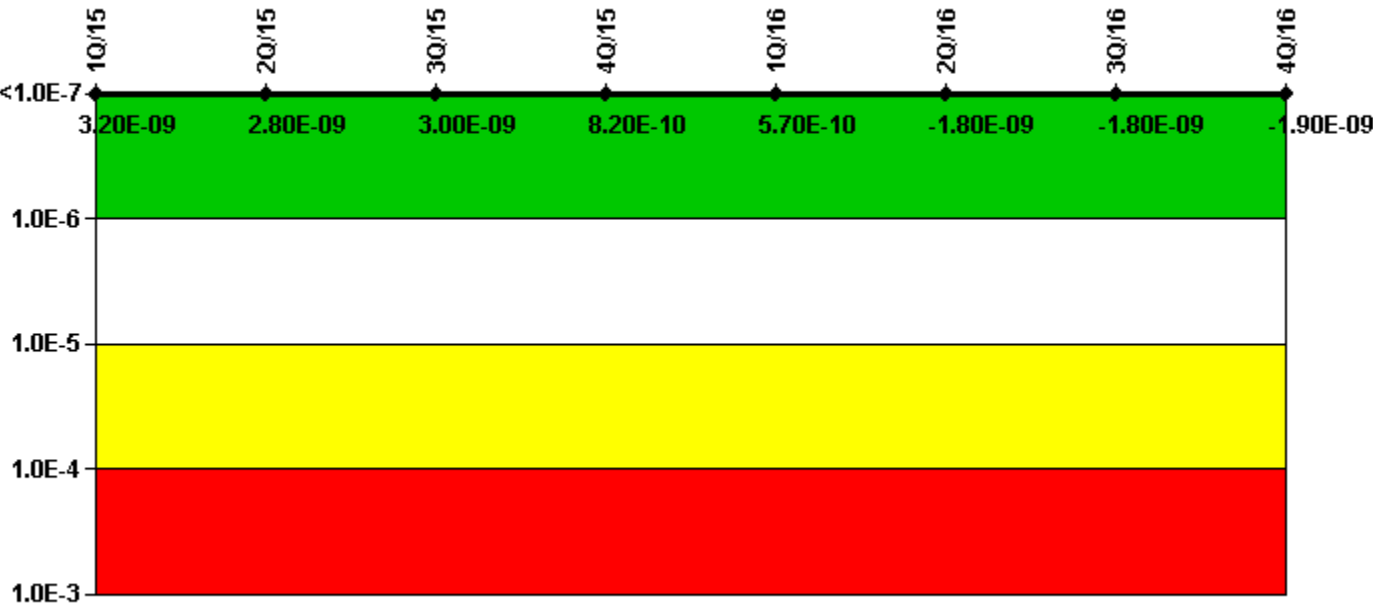
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
UAI (ΔCDF)	-4.51E-12	-1.36E-12	-1.10E-12	-5.85E-12	-1.39E-11	4.33E-12	3.55E-12	3.35E-12
URI (ΔCDF)	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-7.90E-11	-7.60E-11	-7.60E-11	-8.10E-11	-8.90E-11	-7.00E-11	-7.10E-11	-7.10E-11

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



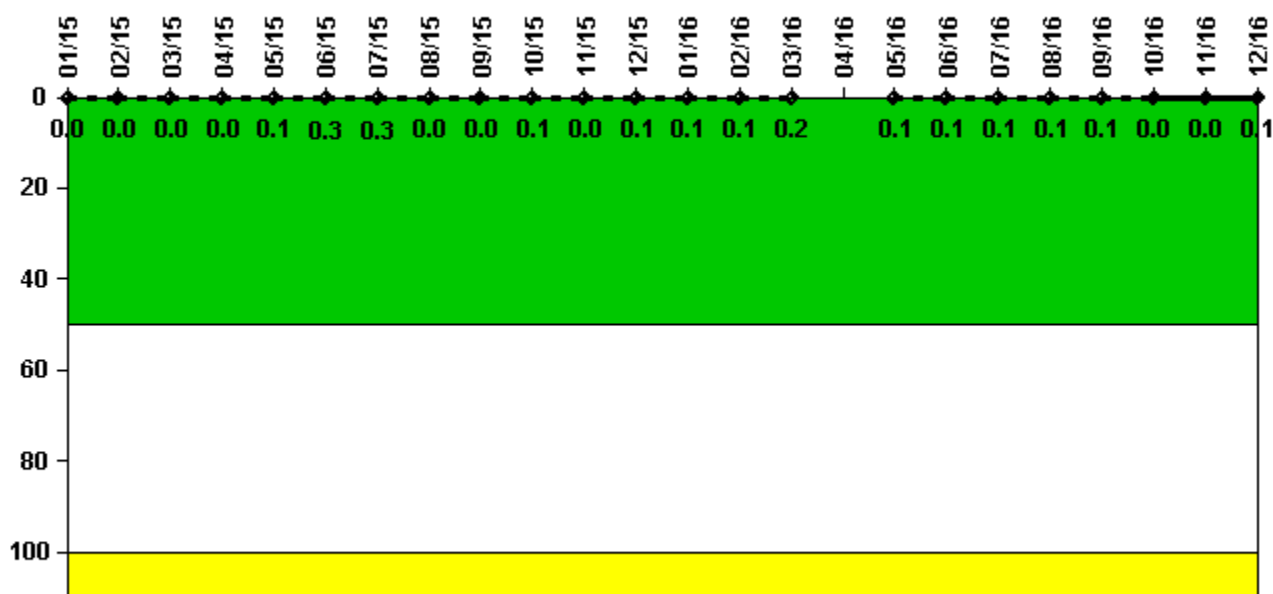
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
UAI (ΔCDF)	7.74E-09	7.33E-09	7.52E-09	5.34E-09	5.09E-09	2.74E-09	2.72E-09	2.67E-09
URI (ΔCDF)	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.20E-09	2.80E-09	3.00E-09	8.20E-10	5.70E-10	-1.80E-09	-1.80E-09	-1.90E-09

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

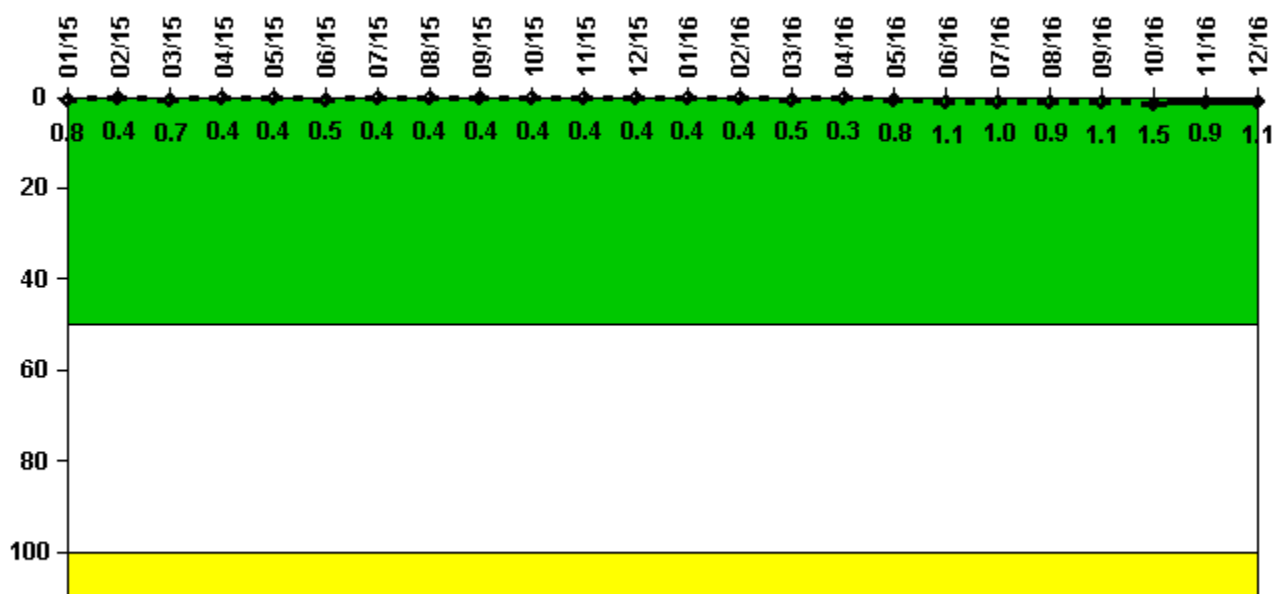
Notes

Reactor Coolant System Activity	1/15	2/15	3/15	4/15	5/15	6/15	7/15	8/15	9/15	10/15	11/15	12/15
Maximum activity	0.000100	0.000100	0.000100	0.000110	0.000240	0.000640	0.000850	0.000120	0.000120	0.000290	0.000100	0.000240
Technical specification limit	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Indicator value	0	0	0	0	0.1	0.3	0.3	0	0	0.1	0	0.1

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	0.000180	0.000140	0.000610	N/A	0.000320	0.000130	0.000130	0.000150	0.000150	0.000100	0.000100	0.000190
Technical specification limit	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Indicator value	0.1	0.1	0.2	N/A	0.1	0.1	0.1	0.1	0.1	0	0	0.1

Licensee Comments: none

Reactor Coolant System Leakage



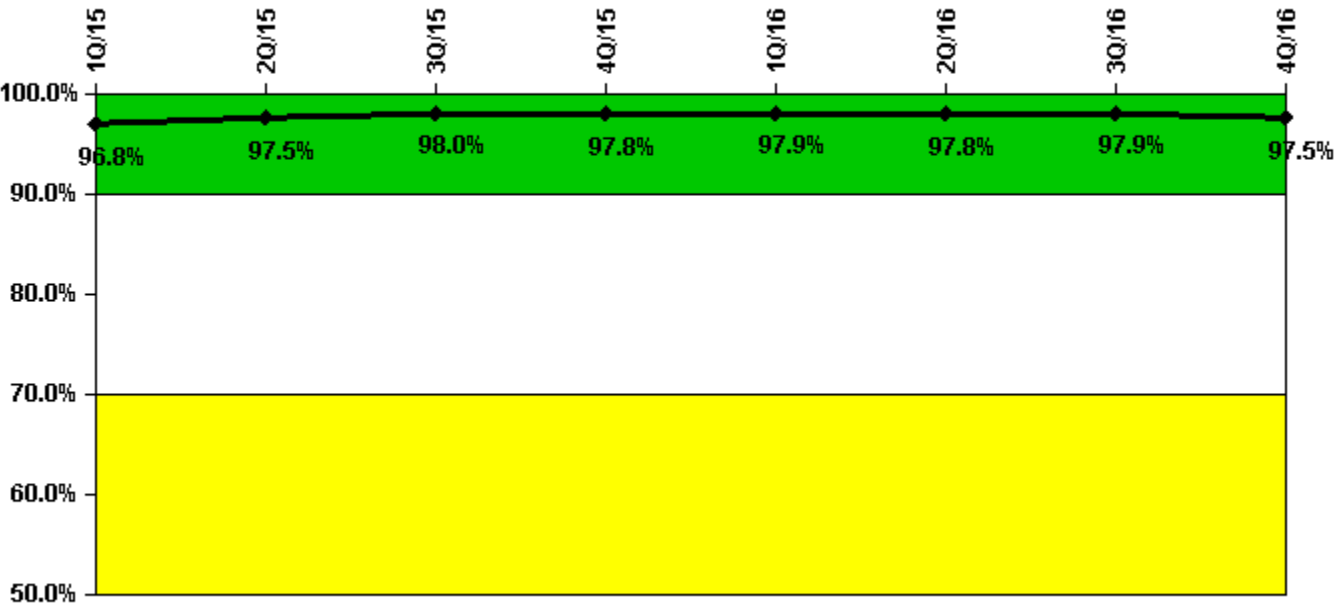
Thresholds: White > 50.0 Yellow > 100.0

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	0.080	0.040	0.070	0.040	0.040	0.050	0.040	0.042	0.040	0.040	0.040	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.8	0.4	0.7	0.4	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.4
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	0.040	0.040	0.050	0.030	0.080	0.110	0.100	0.090	0.110	0.150	0.090	0.110
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.4	0.5	0.3	0.8	1.1	1.0	0.9	1.1	1.5	0.9	1.1

Licensee Comments: none

Drill/Exercise Performance



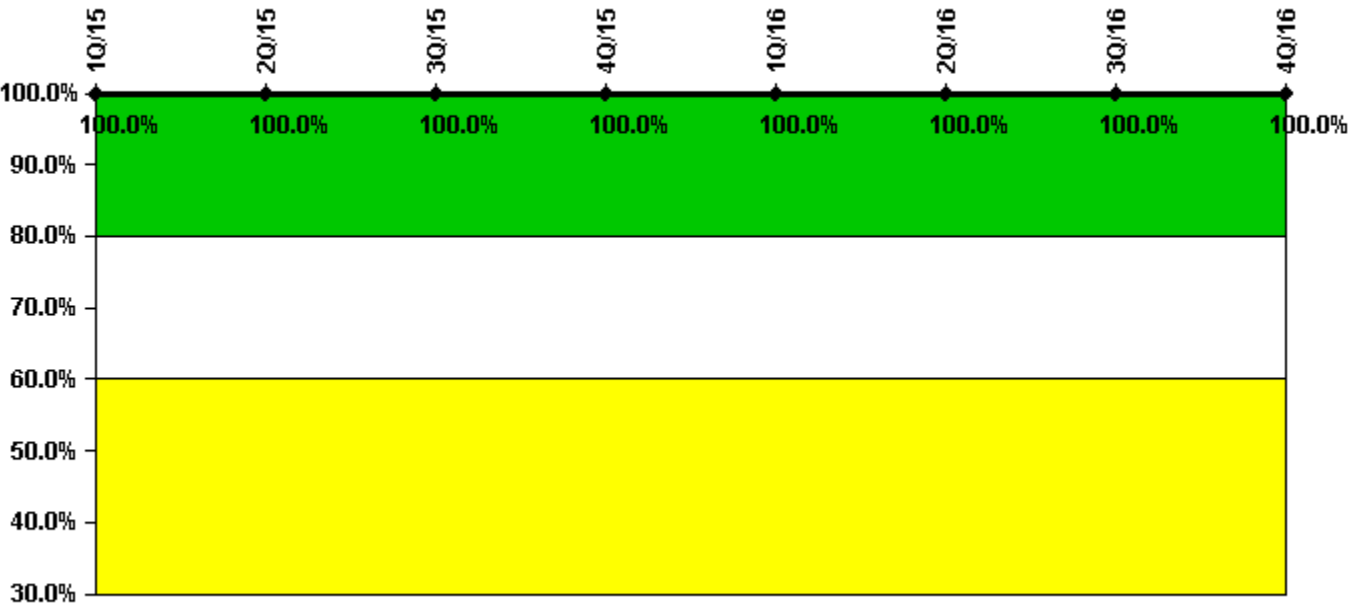
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Successful opportunities	29.0	33.0	40.0	14.0	44.0	4.0	26.0	40.0
Total opportunities	32.0	33.0	41.0	14.0	45.0	4.0	26.0	41.0
Indicator value	96.8%	97.5%	98.0%	97.8%	97.9%	97.8%	97.9%	97.5%

Licensee Comments: none

ERO Drill Participation



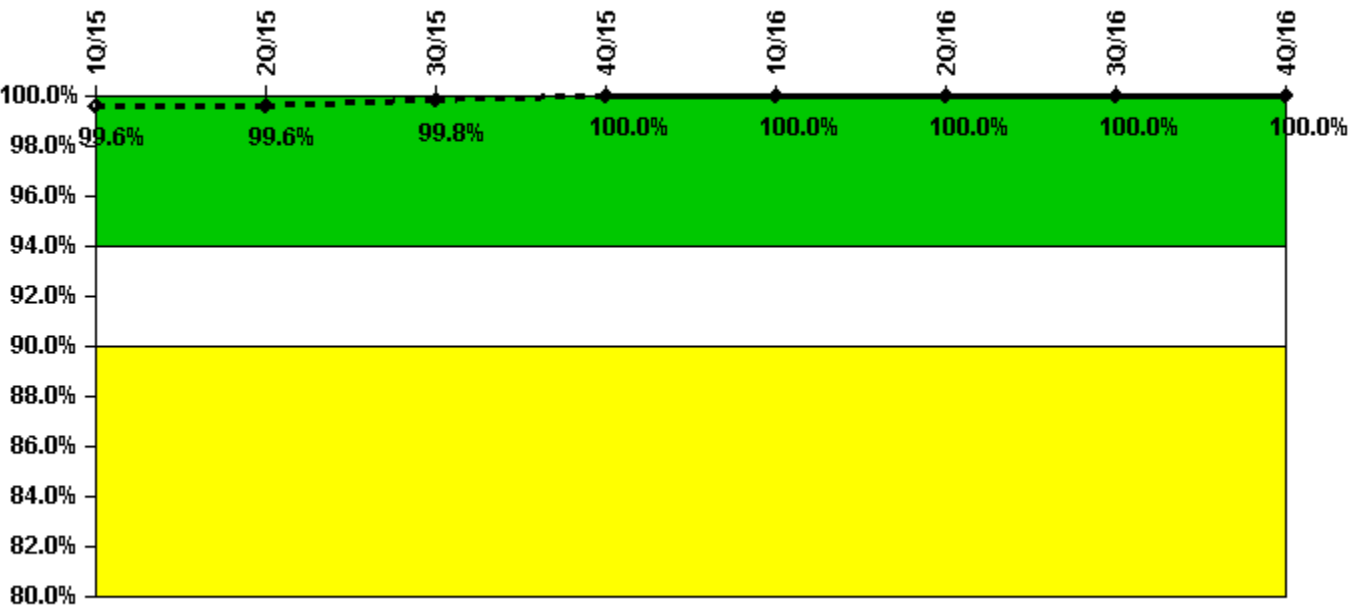
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Participating Key personnel	102.0	106.0	106.0	107.0	102.0	100.0	100.0	103.0
Total Key personnel	102.0	106.0	106.0	107.0	102.0	100.0	100.0	103.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



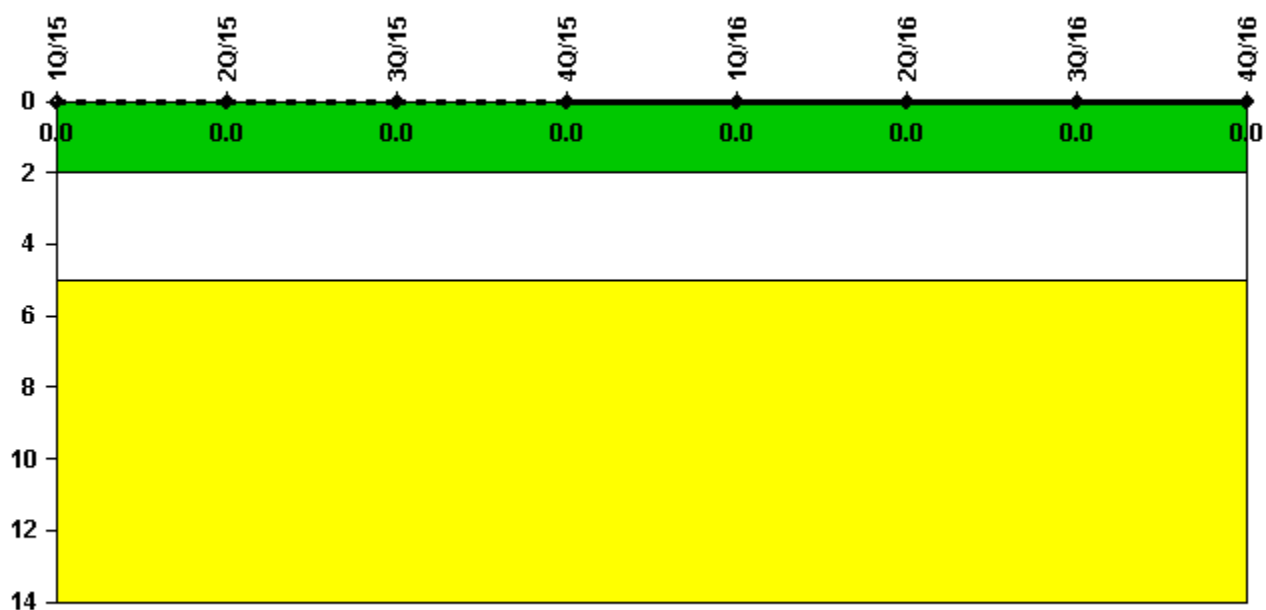
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Successful siren-tests	329	329	376	376	336	384	336	336
Total sirens-tests	329	329	376	376	336	384	336	336
Indicator value	99.6%	99.6%	99.8%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness

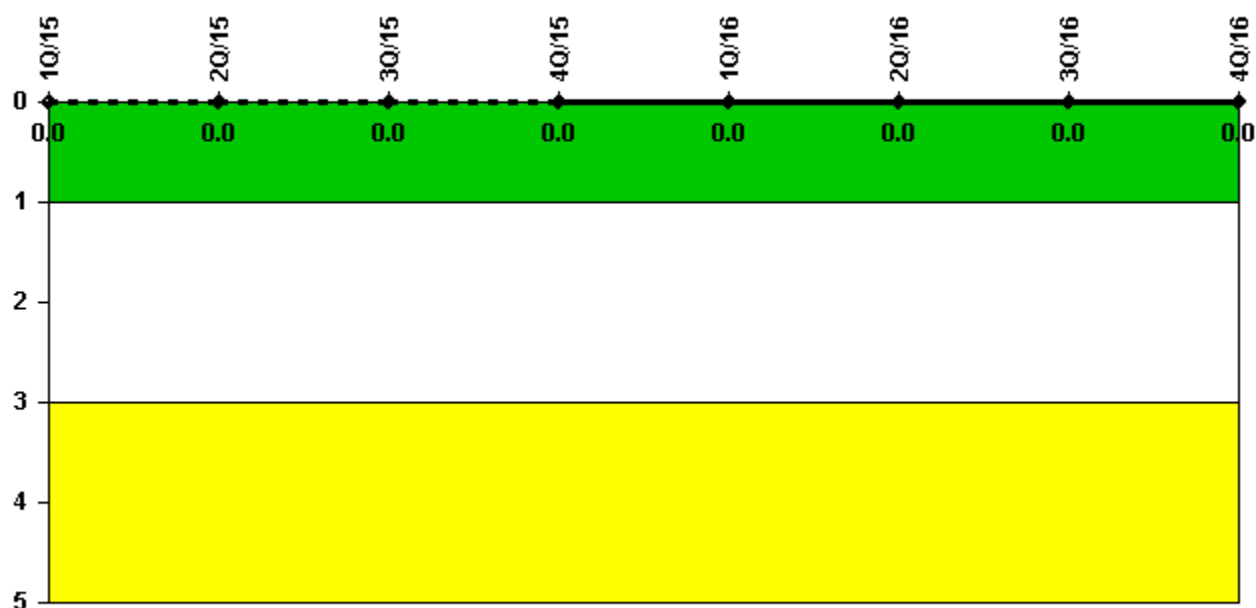


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/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](#) > [Turkey Point 4](#) > [Quarterly Performance Indicators](#)

Turkey Point 4 – Quarterly Performance Indicators

1Q/2017 Performance Indicators

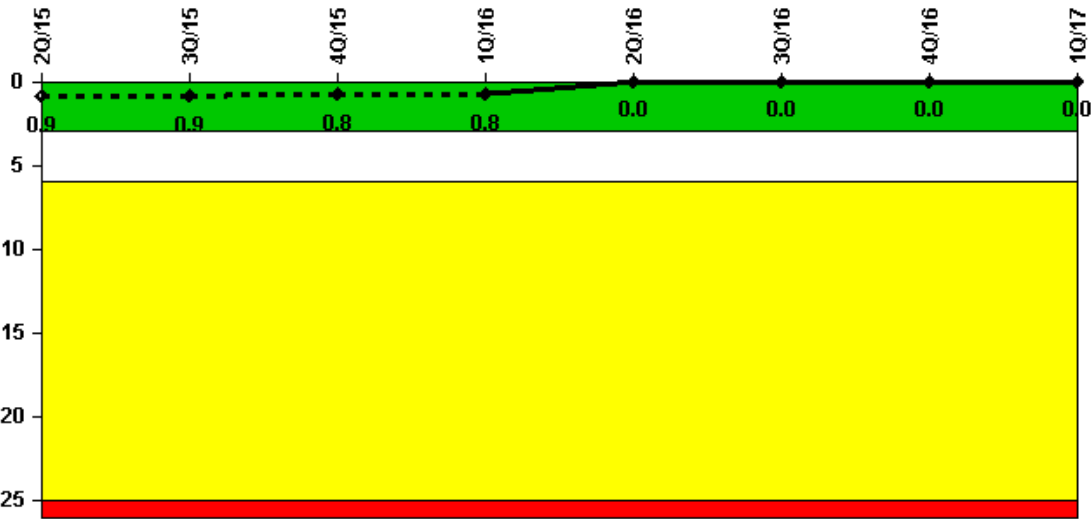
The solid trend line represents the current reporting period.

Licensee's General Comments: none

On this page:

- [Unplanned Scrams \(IE01\)](#)
- [Unplanned Power Changes per 7000 Critical Hours \(IE03\)](#)
- [Unplanned Scrams with Complications \(IE04\)](#)
- [Safety System Functional Failures \(MS05\)](#)
- [Emergency AC Power Systems \(MS06\)](#)
- [High Pressure Injection Systems \(MS07\)](#)
- [Heat Removal Systems \(MS08\)](#)
- [Residual Heat Removal Systems \(MS09\)](#)
- [Cooling Water Systems \(MS10\)](#)
- [Reactor Coolant System Activity \(BI01\)](#)
- [Reactor Coolant System Leakage \(BI02\)](#)
- [Drill/Exercise Performance \(EP01\)](#)
- [Emergency Response Organization Drill Participation \(EP02\)](#)
- [Alert and Notification System Reliability \(EP03\)](#)
- [Occupational Exposure Control Effectiveness \(OR01\)](#)
- [RETS/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

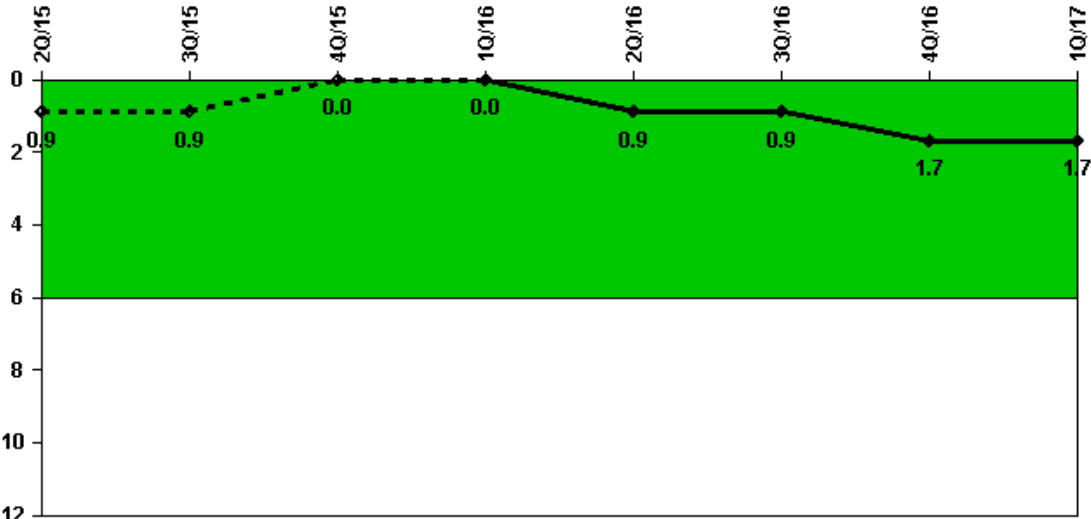
Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Unplanned scrams	1.0	0	0	0	0	0	0	0
Critical hours	2073.8	2208.0	2209.0	2112.4	1538.1	2208.0	2209.0	2159.0
Indicator value	0.9	0.9	0.8	0.8	0	0	0	0

TOP

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

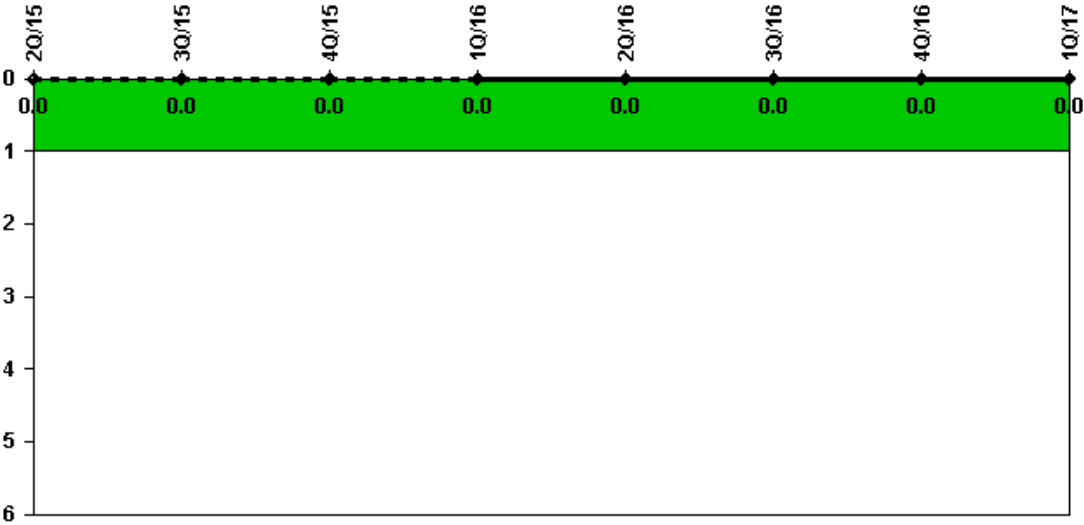
Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Unplanned power changes	0	0	0	0	1.0	0	1.0	0
Critical hours	2073.8	2208.0	2209.0	2112.4	1538.1	2208.0	2209.0	2159.0
Indicator value	0.9	0.9	0	0	0.9	0.9	1.7	1.7

TOP

Licensee Comments:
2Q/16: Turkey Point Unit 4 performed an unplanned downpower on 5/19/2016 due to a EHC leak on the 4C MSR. Unit 4 returned to full power on 5/20/2016

Unplanned Scrams with Complications



Thresholds: White > 1.0

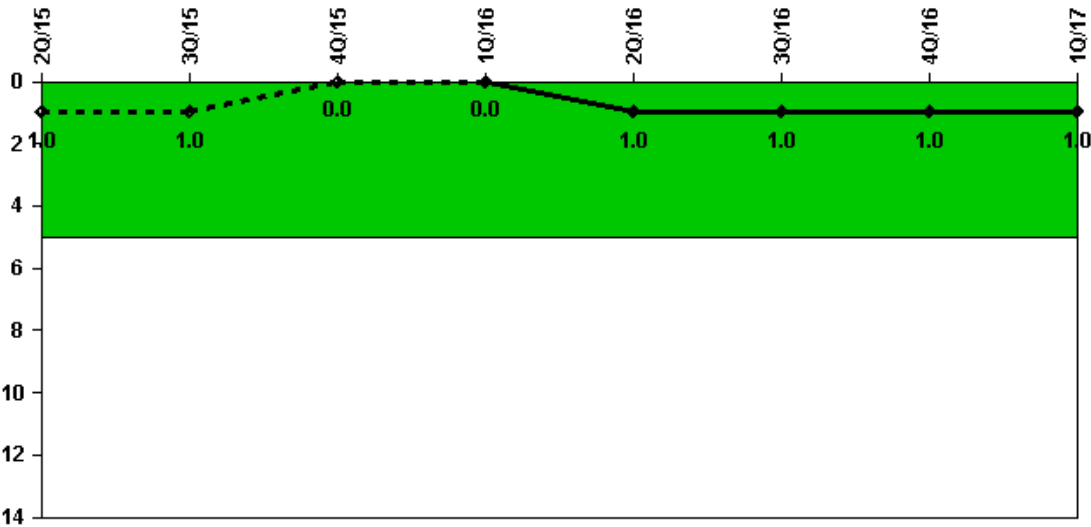
Notes

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

TOP

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

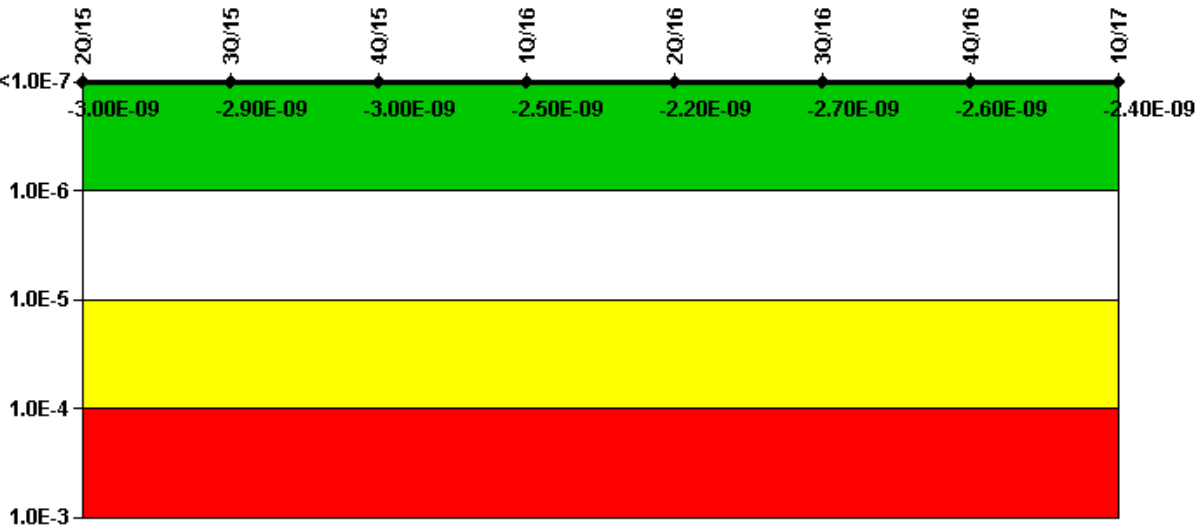
Safety System Functional Failures (PWR)	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Safety System Functional Failures	0	0	0	0	1	0	0	0

Indicator value	1	1	0	0	1	1	1	1

TOP

Licensee Comments:
2Q/16: Licensee Event Report, LER 2016-01-00, reports that Turkey Point Unit 4 during the five day period that the reactor protection system OTDT/OPDT Channel III was inoperable, the single failure criteria was not met, and as such, the specified safety function was lost, when more than one channel was inoperable (for approximately 4 hours).

Mitigating Systems Performance Index, Emergency AC Power System



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

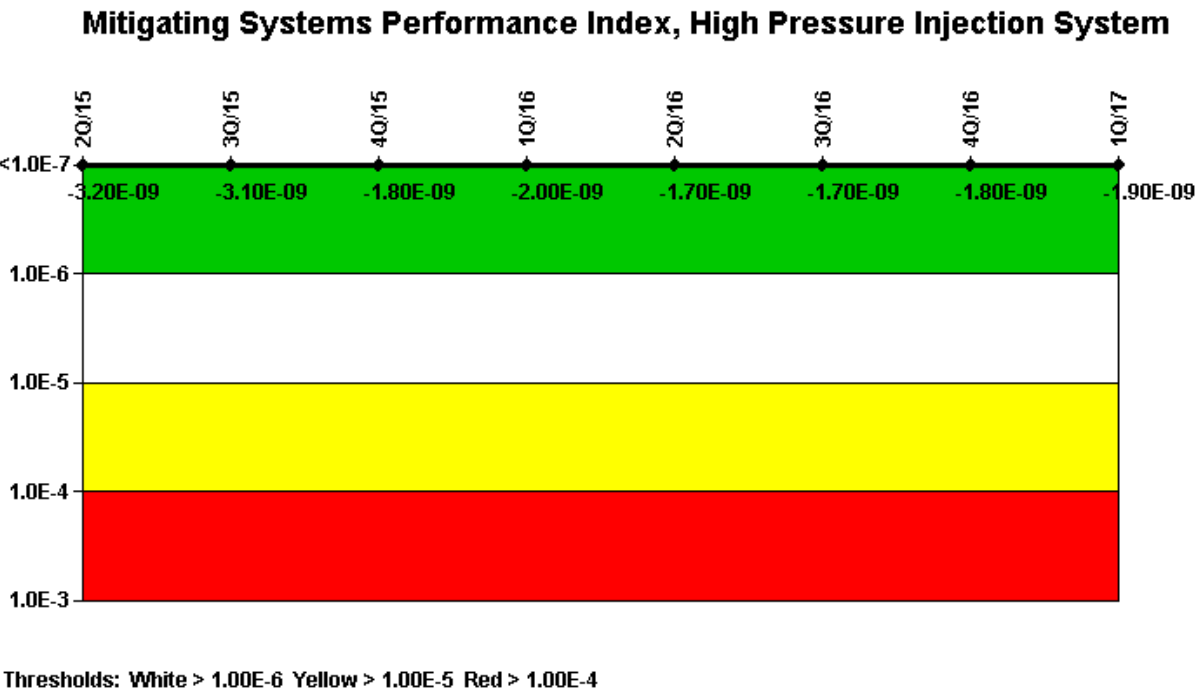
Notes

Mitigating Systems Performance Index, Emergency AC Power System

	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (ΔCDF)	2.04E-09	2.09E-09	1.96E-09	2.08E-09	2.10E-09	1.84E-09	1.95E-09	2.16E-09
URI (ΔCDF)	-5.02E-09	-5.04E-09	-4.93E-09	-4.57E-09	-4.26E-09	-4.56E-09	-4.55E-09	-4.57E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.00E-09	-2.90E-09	-3.00E-09	-2.50E-09	-2.20E-09	-2.70E-09	-2.60E-09	-2.40E-09

TOP

Licensee Comments: none



Notes

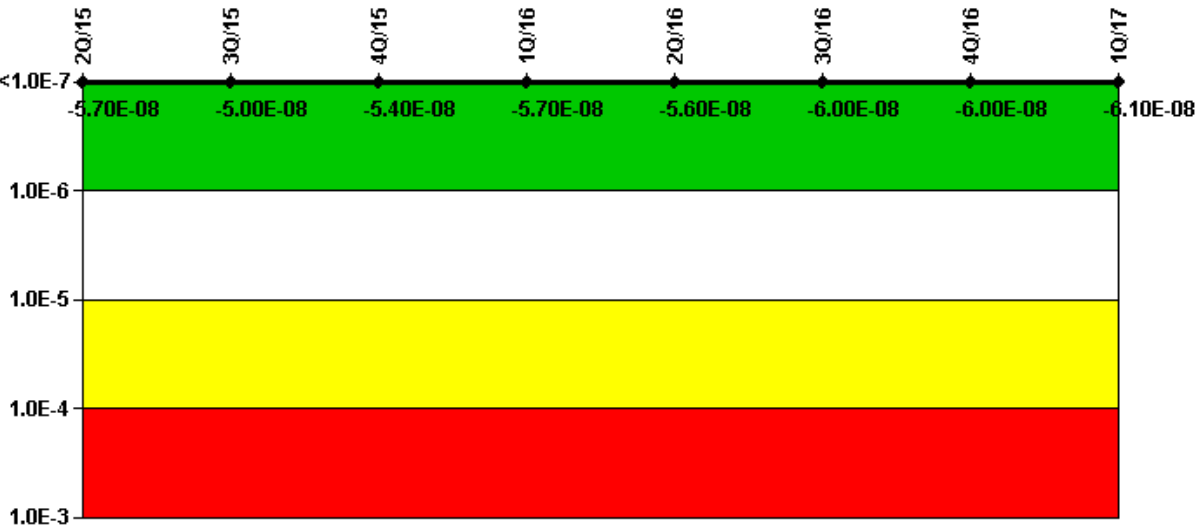
Mitigating Systems Performance Index, High Pressure Injection System

	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (ΔCDF)	-1.46E-09	-1.33E-09	-6.88E-11	-2.72E-10	3.82E-11	2.02E-11	-5.05E-11	-2.28E-10
URI (ΔCDF)	-1.76E-09	-1.76E-09	-1.76E-09	-1.76E-09	-1.76E-09	-1.76E-09	-1.72E-09	-1.72E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.20E-09	-3.10E-09	-1.80E-09	-2.00E-09	-1.70E-09	-1.70E-09	-1.80E-09	-1.90E-09

TOP

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



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

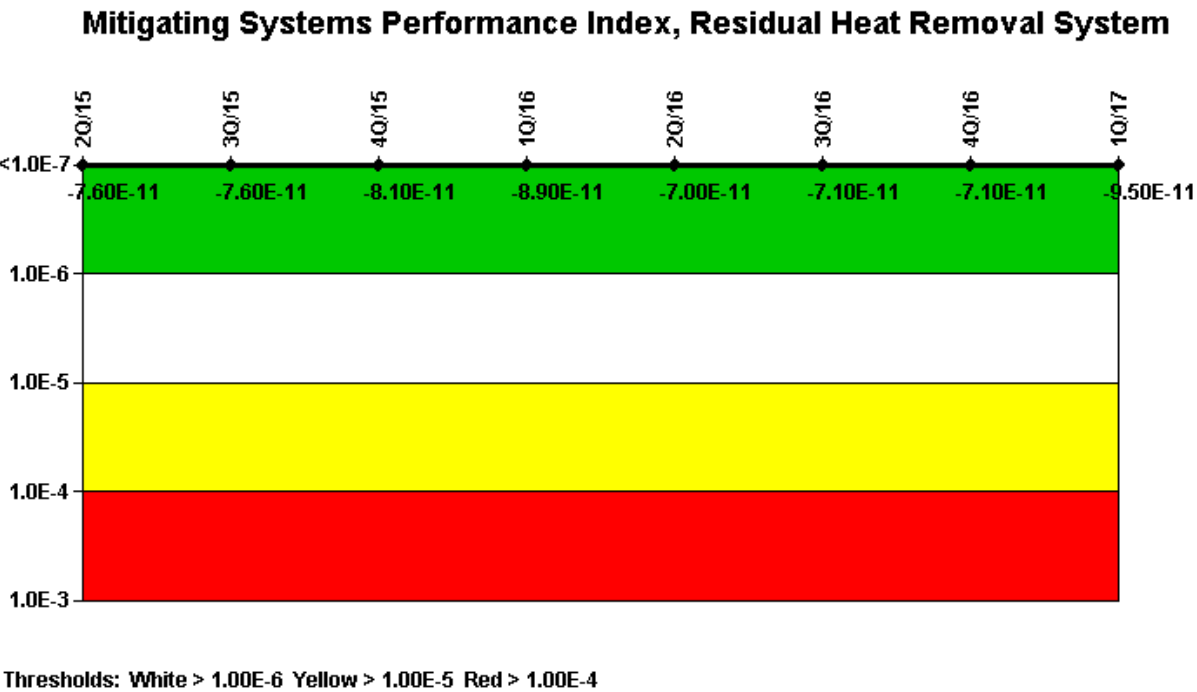
Notes

Mitigating Systems Performance Index, Heat Removal System

	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (ΔCDF)	1.21E-08	1.88E-08	1.48E-08	1.19E-08	1.22E-08	8.26E-09	8.13E-09	7.18E-09
URI (ΔCDF)	-6.90E-08	-6.90E-08	-6.90E-08	-6.85E-08	-6.84E-08	-6.84E-08	-6.84E-08	-6.84E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.70E-08	-5.00E-08	-5.40E-08	-5.70E-08	-5.60E-08	-6.00E-08	-6.00E-08	-6.10E-08

TOP

Licensee Comments: none



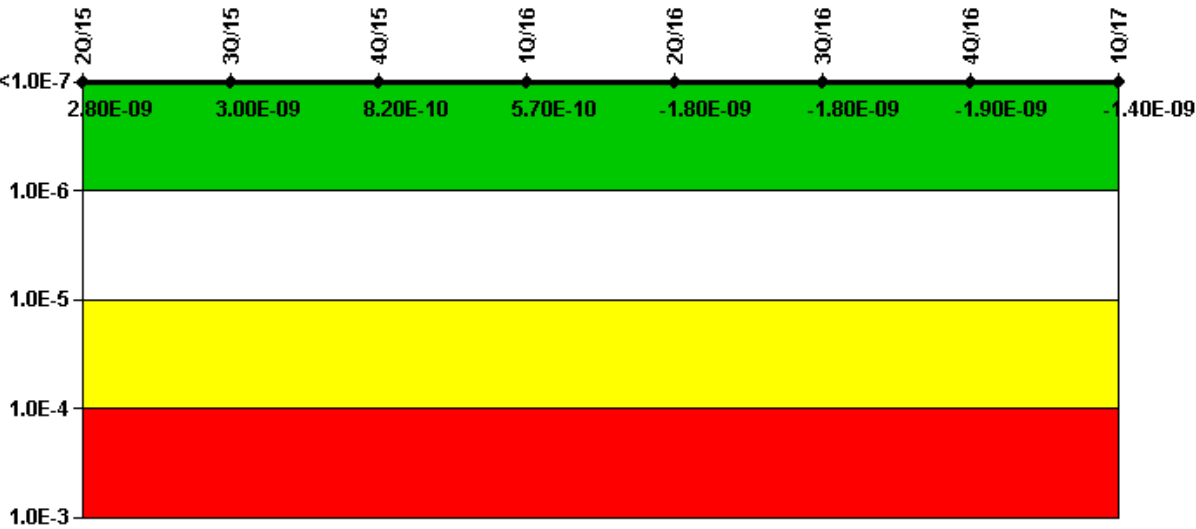
Notes

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)	-1.36E-12	-1.10E-12	-5.85E-12	-1.39E-11	4.33E-12	3.55E-12	3.35E-12	-2.06E-11
URI (ΔCDF)	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-7.60E-11	-7.60E-11	-8.10E-11	-8.90E-11	-7.00E-11	-7.10E-11	-7.10E-11	-9.50E-11

TOP

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



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

Notes

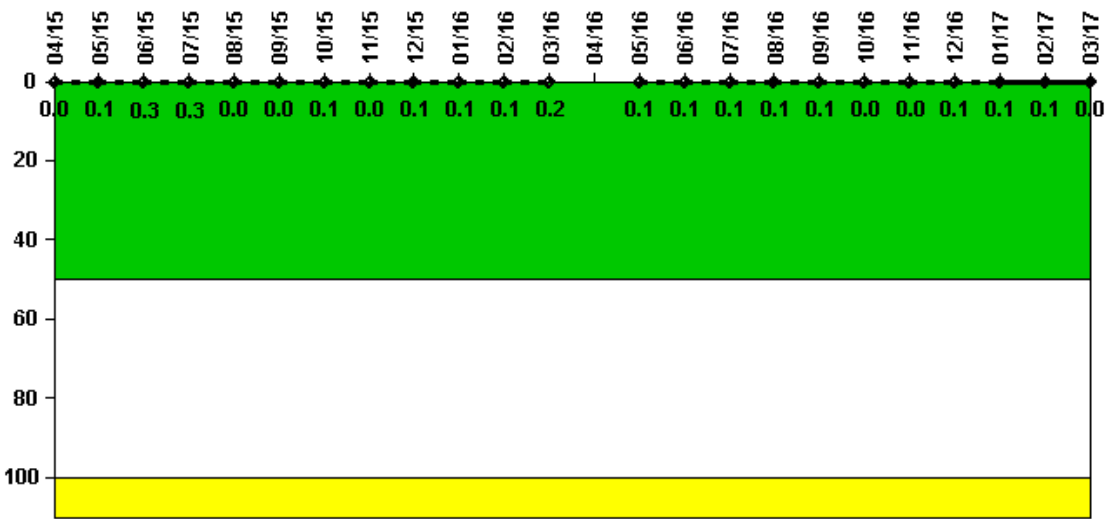
Mitigating Systems Performance Index, Cooling Water Systems

	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (ΔCDF)	7.33E-09	7.52E-09	5.34E-09	5.09E-09	2.74E-09	2.72E-09	2.67E-09	3.14E-09
URI (ΔCDF)	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.80E-09	3.00E-09	8.20E-10	5.70E-10	-1.80E-09	-1.80E-09	-1.90E-09	-1.40E-09

TOP

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

Notes

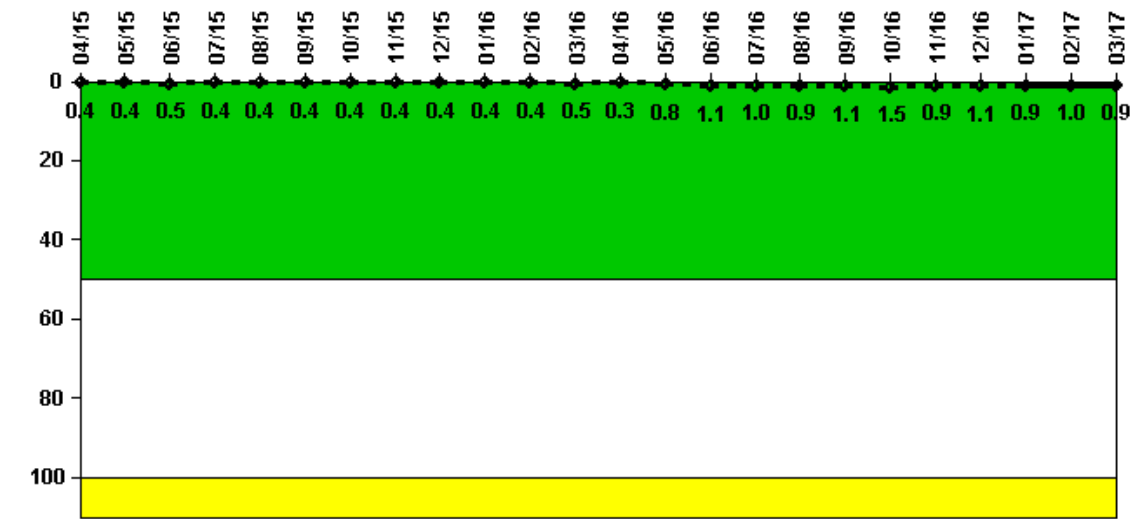
Reactor Coolant System Activity	4/15	5/15	6/15	7/15	8/15	9/15	10/15	11/15	12/15	1/16	2/16	3/16
Maximum activity	0.000110	0.000240	0.000640	0.000850	0.000120	0.000120	0.000290	0.000100	0.000240	0.000180	0.000140	0.000610
Technical specification limit	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Indicator value	0	0.1	0.3	0.3	0	0	0.1	0	0.1	0.1	0.1	0.2

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	N/A	0.000320	0.000130	0.000130	0.000150	0.000150	0.000100	0.000100	0.000190	0.000200	0.000220	0.000120
Technical specification limit	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Indicator value	N/A	0.1	0.1	0.1	0.1	0.1	0	0	0.1	0.1	0.1	0

TOP

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

Notes

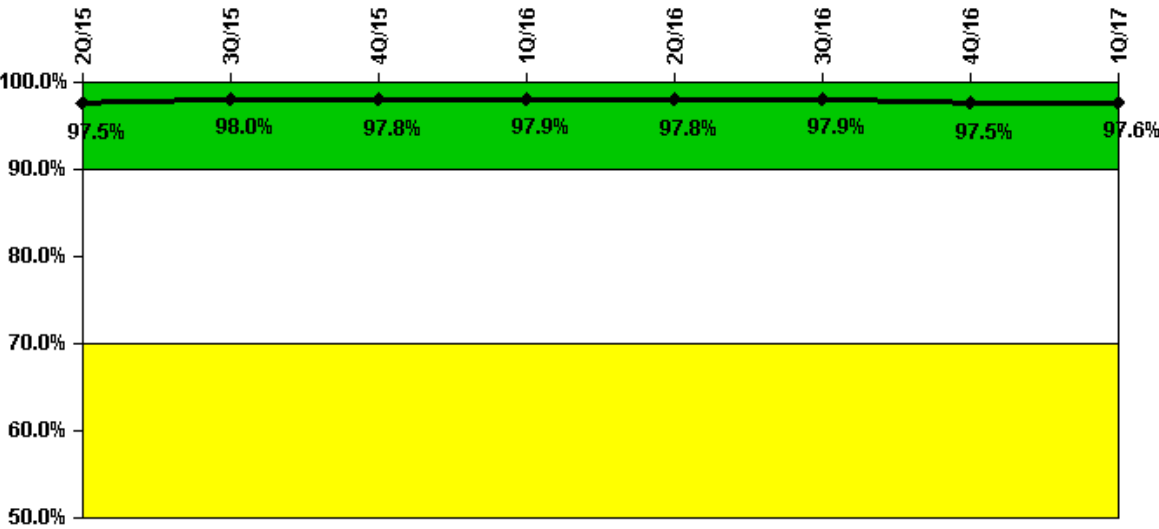
Reactor Coolant System Leakage	4/15	5/15	6/15	7/15	8/15	9/15	10/15	11/15	12/15	1/16	2/16	3/16
Maximum leakage	0.040	0.040	0.050	0.040	0.042	0.040	0.040	0.040	0.040	0.040	0.040	0.050
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5

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	0.030	0.080	0.110	0.100	0.090	0.110	0.150	0.090	0.110	0.090	0.100	0.090
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.8	1.1	1.0	0.9	1.1	1.5	0.9	1.1	0.9	1.0	0.9

TOP

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

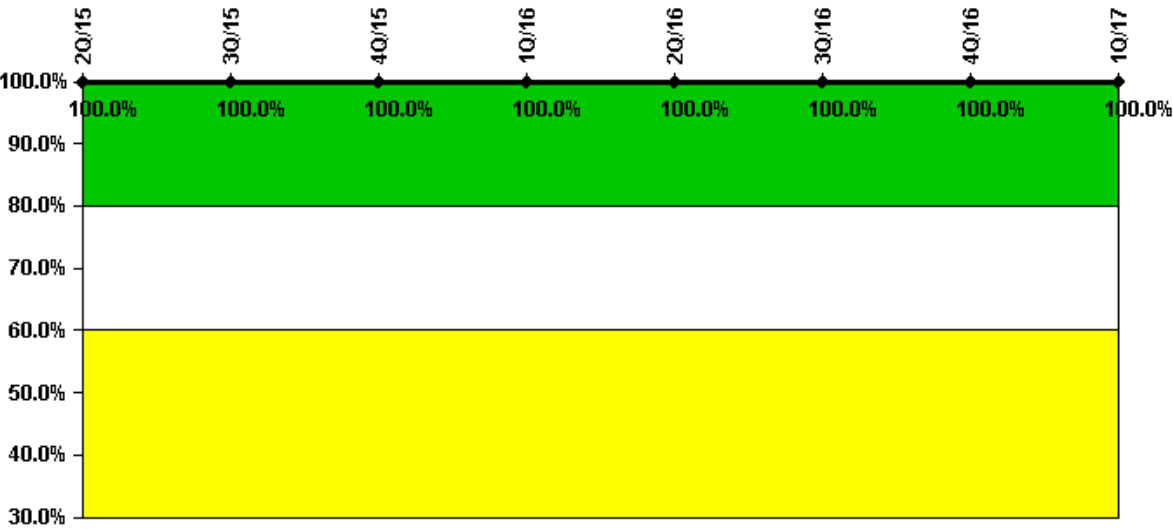
Drill/Exercise Performance	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Successful opportunities	33.0	40.0	14.0	46.0	4.0	26.0	40.0	36.0
Total opportunities	33.0	41.0	14.0	47.0	4.0	26.0	41.0	39.0

Indicator value 97.5% 98.0% 97.8% 97.9% 97.8% 97.9% 97.5% 97.6%

TOP

Licensee Comments: none

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

Notes

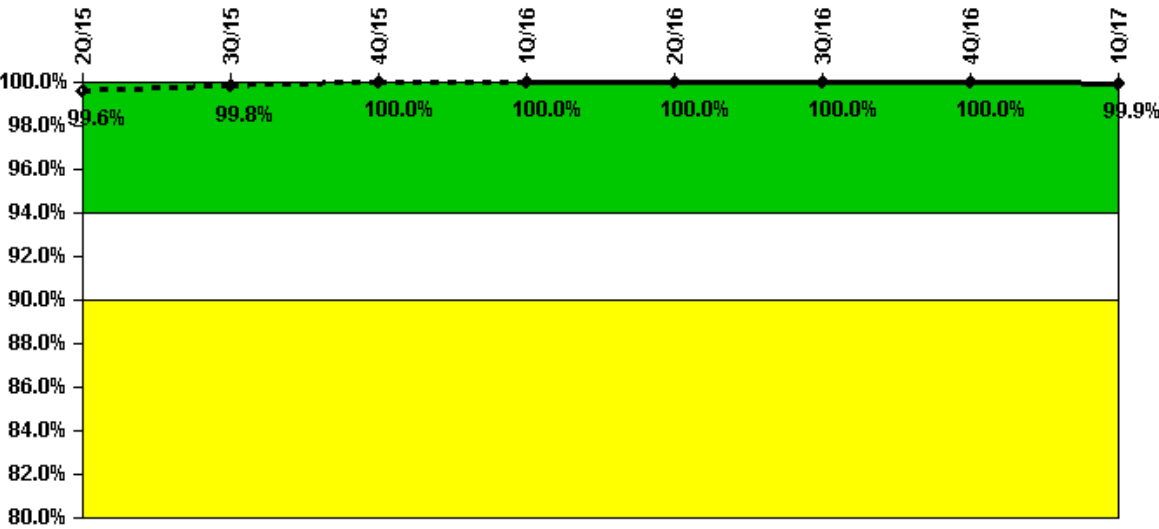
ERO Drill Participation	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Participating Key personnel	106.0	106.0	107.0	102.0	100.0	100.0	103.0	102.0
Total Key personnel	106.0	106.0	107.0	102.0	100.0	100.0	103.0	102.0

Indicator value 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0%

TOP

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

Notes

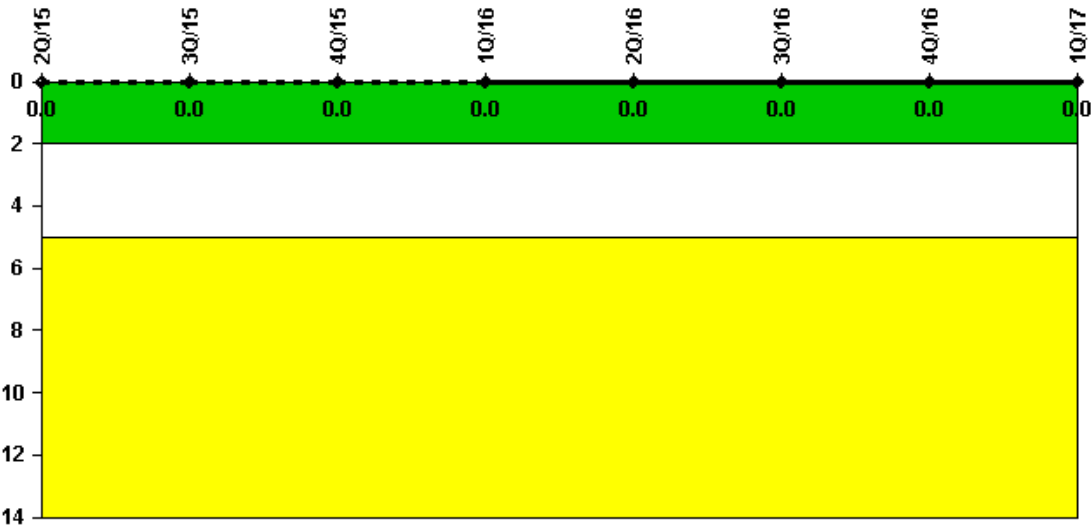
Alert & Notification System	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Successful siren-tests	329	376	376	336	384	336	384	335
Total sirens-tests	329	376	376	336	384	336	384	336

Indicator value 99.6% 99.8% 100.0% 100.0% 100.0% 100.0% 100.0% 99.9%

TOP

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

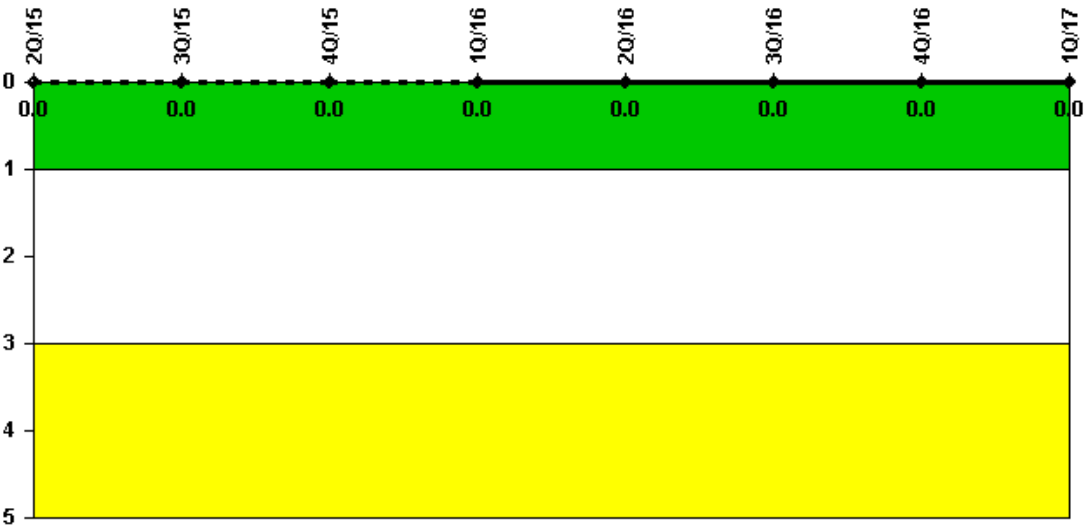
Notes

Occupational Exposure Control Effectiveness	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	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](#)> [Turkey Point 4](#) > [Quarterly Performance Indicators](#)

Turkey Point 4 – Quarterly Performance Indicators

2Q/2017 Performance Indicators

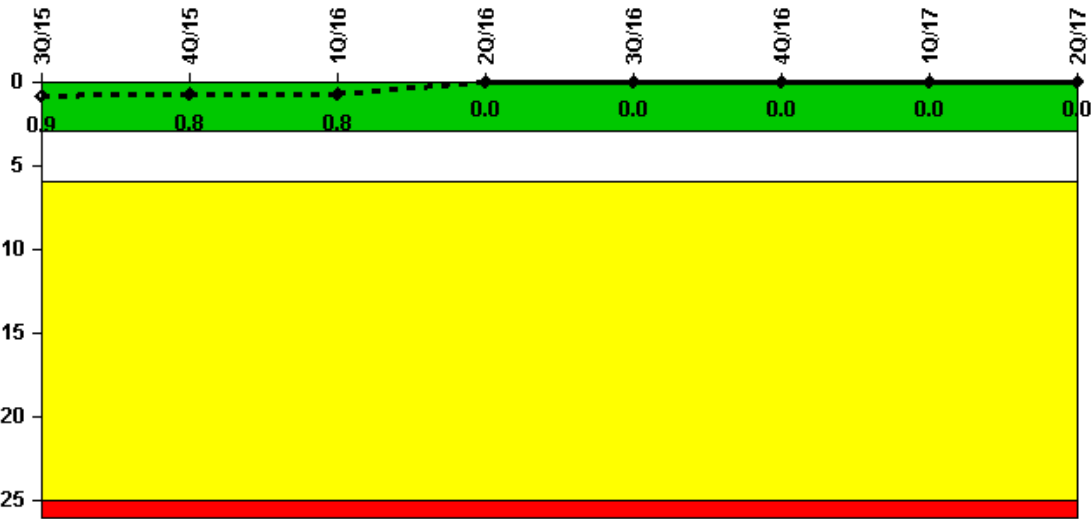
The solid trend line represents the current reporting period.

Licensee's General Comments: none

On this page:

- [Unplanned Scrams \(IE01\)](#)
- [Unplanned Power Changes per 7000 Critical Hours \(IE03\)](#)
- [Unplanned Scrams with Complications \(IE04\)](#)
- [Safety System Functional Failures \(MS05\)](#)
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- [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

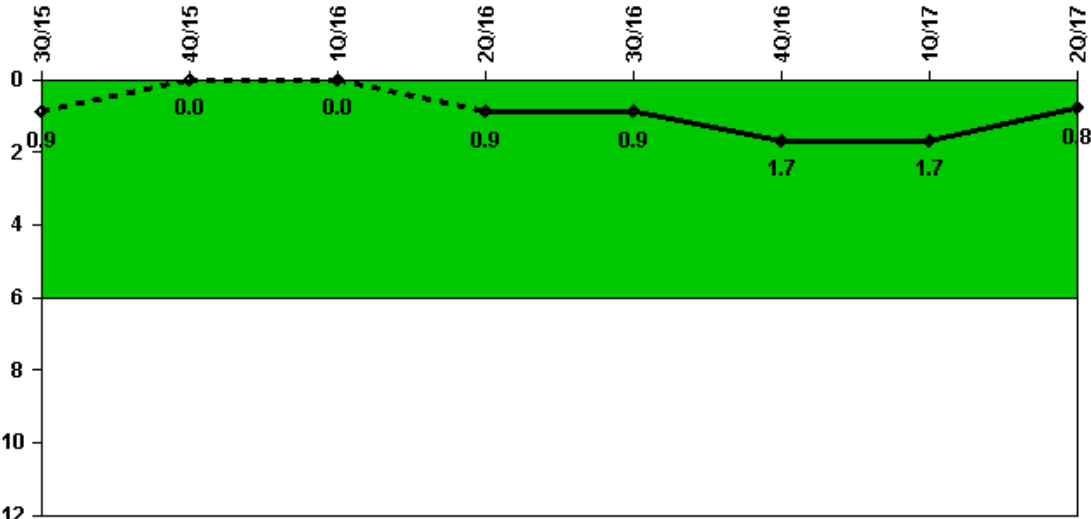
Notes

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	0	0	0
Critical hours	2208.0	2209.0	2112.4	1538.1	2208.0	2209.0	2159.0	2184.0
Indicator value	0.9	0.8	0.8	0	0	0	0	0

TOP

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



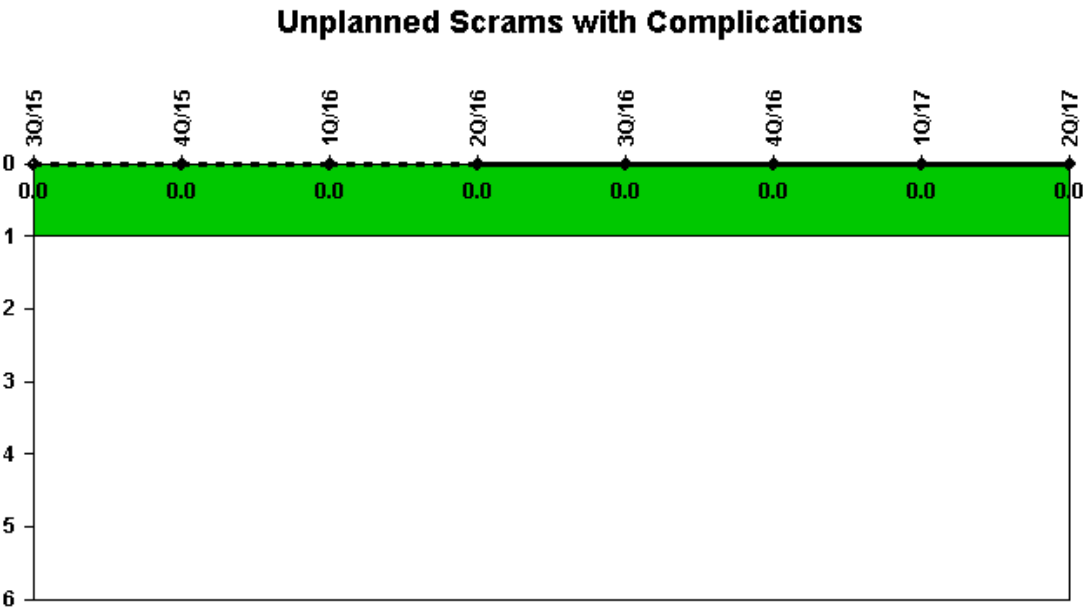
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Unplanned power changes	0	0	0	1.0	0	1.0	0	0
Critical hours	2208.0	2209.0	2112.4	1538.1	2208.0	2209.0	2159.0	2184.0
Indicator value	0.9	0	0	0.9	0.9	1.7	1.7	0.8

TOP

Licensee Comments:
2Q/16: Turkey Point Unit 4 performed an unplanned downpower on 5/19/2016 due to a EHC leak on the 4C MSR. Unit 4 returned to full power on 5/20/2016



Thresholds: White > 1.0

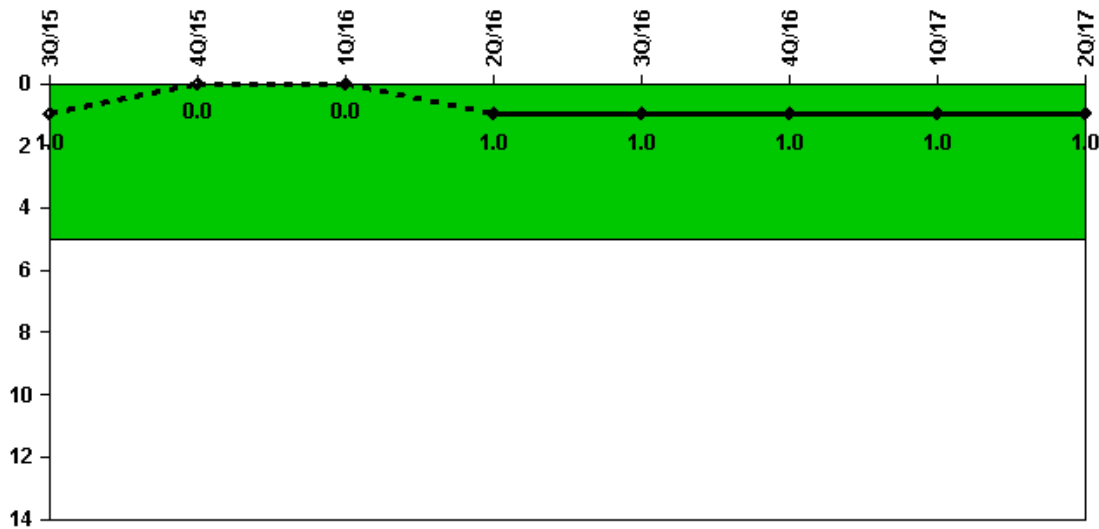
Notes

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

TOP

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

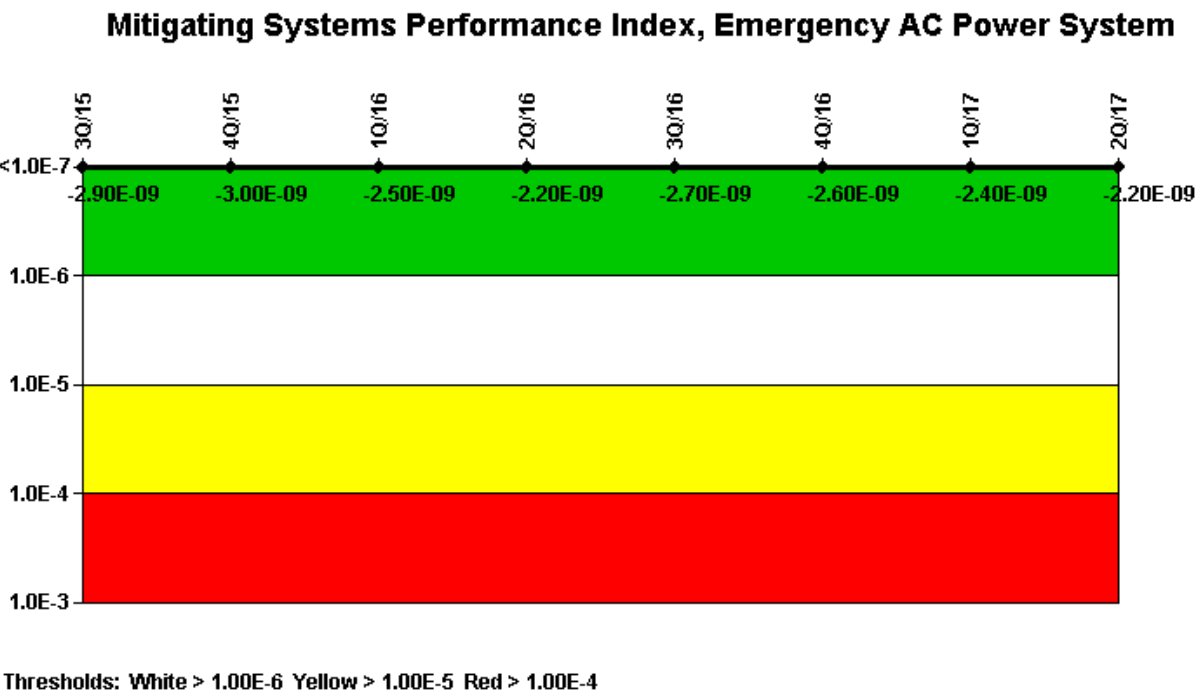
Notes

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	1	0	0	0	1

Indicator value	1	0	0	1	1	1	1	1

TOP

Licensee Comments:
2Q/17: LER 250/2017-001-00, Reactor trip, Auxiliary Feedwater and EDG 3A actuations, loss of Safety Injection Function and complication of TS required shutdown. L-2017-094, issued May 16, 2017. Loss of safety injection function impacted both Units 3 and 4.
2Q/16: Licensee Event Report, LER 2016-01-00, reports that Turkey Point Unit 4 during the five day period that the reactor protection system OTDT/OPDT Channel III was inoperable, the single failure criteria was not met, and as such, the specified safety function was lost, when more than one channel was inoperable (for approximately 4 hours).

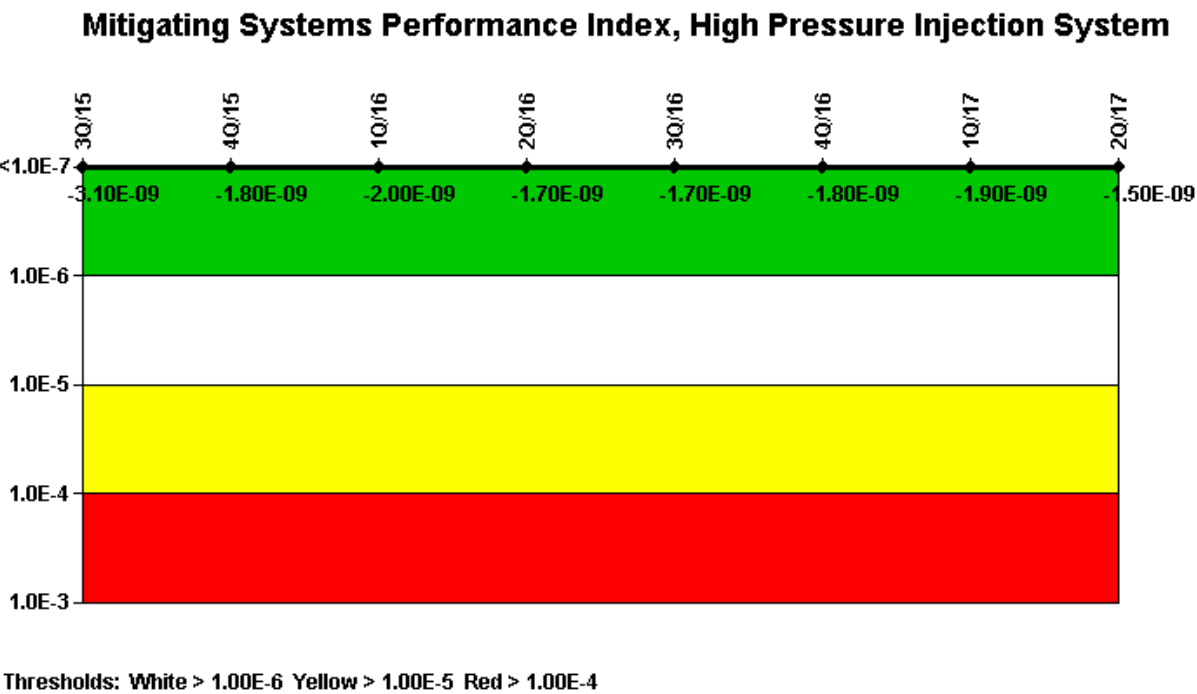


Notes

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)	2.09E-09	1.96E-09	2.08E-09	2.10E-09	1.84E-09	1.95E-09	2.16E-09	2.33E-09
URI (ΔCDF)	-5.04E-09	-4.93E-09	-4.57E-09	-4.26E-09	-4.56E-09	-4.55E-09	-4.57E-09	-4.55E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.90E-09	-3.00E-09	-2.50E-09	-2.20E-09	-2.70E-09	-2.60E-09	-2.40E-09	-2.20E-09

TOP

Licensee Comments: none



Notes

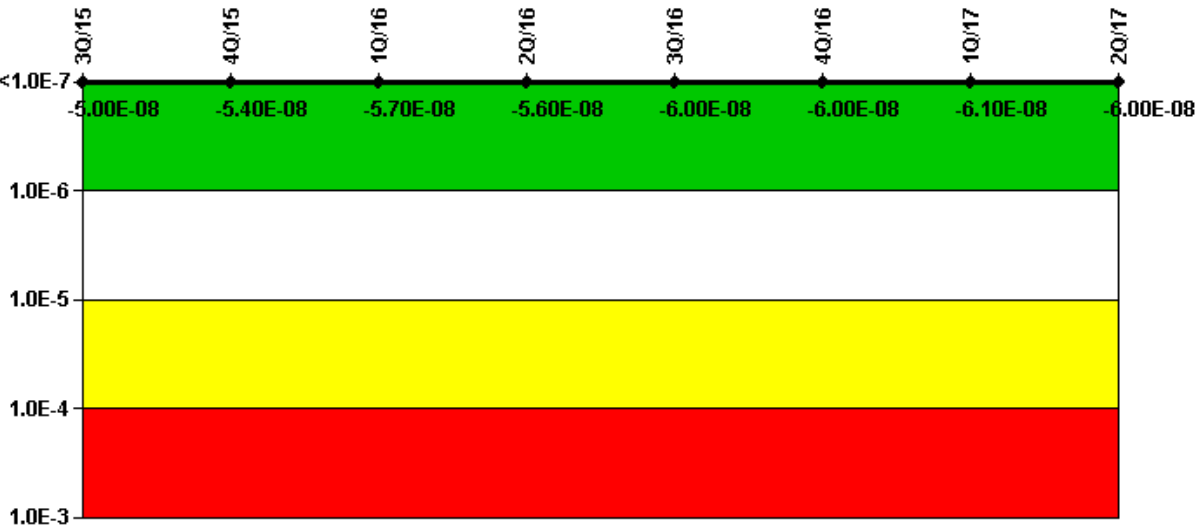
Mitigating Systems Performance Index, High Pressure Injection System

	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
UAI (ΔCDF)	-1.33E-09	-6.88E-11	-2.72E-10	3.82E-11	2.02E-11	-5.05E-11	-2.28E-10	2.55E-10
URI (ΔCDF)	-1.76E-09	-1.76E-09	-1.76E-09	-1.76E-09	-1.76E-09	-1.72E-09	-1.72E-09	-1.72E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.10E-09	-1.80E-09	-2.00E-09	-1.70E-09	-1.70E-09	-1.80E-09	-1.90E-09	-1.50E-09

TOP

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



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

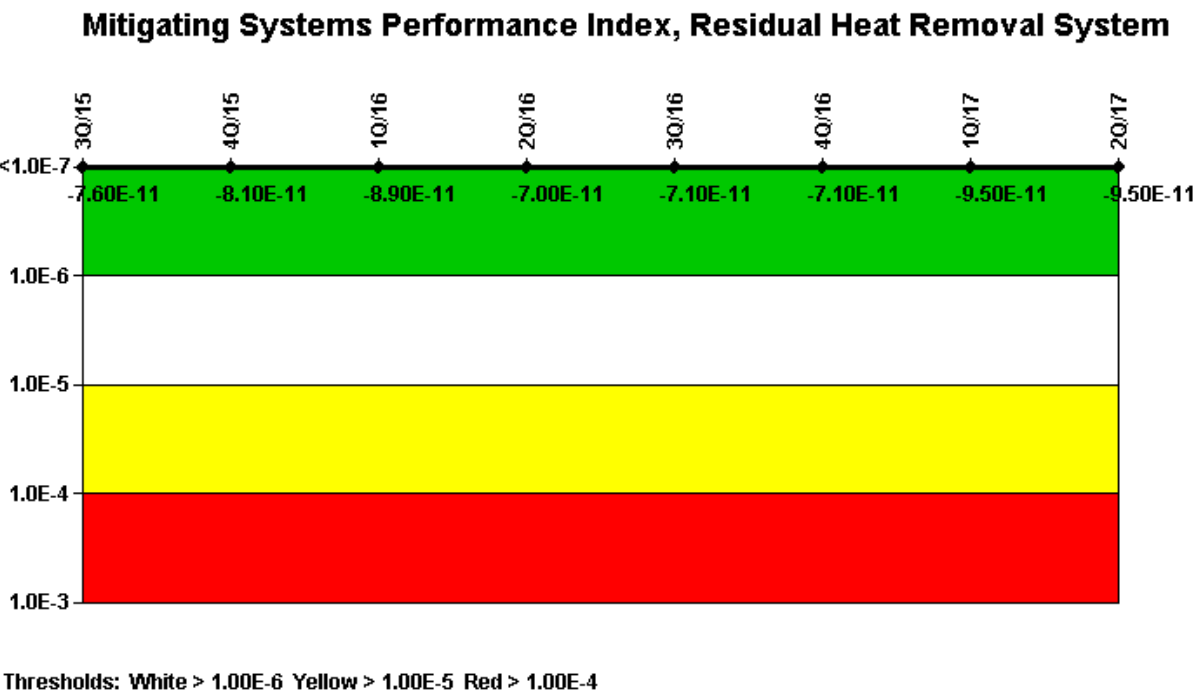
Notes

Mitigating Systems Performance Index, Heat Removal System

	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
UAI (ΔCDF)	1.88E-08	1.48E-08	1.19E-08	1.22E-08	8.26E-09	8.13E-09	7.18E-09	8.35E-09
URI (ΔCDF)	-6.90E-08	-6.90E-08	-6.85E-08	-6.84E-08	-6.84E-08	-6.84E-08	-6.84E-08	-6.84E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.00E-08	-5.40E-08	-5.70E-08	-5.60E-08	-6.00E-08	-6.00E-08	-6.10E-08	-6.00E-08

TOP

Licensee Comments: none



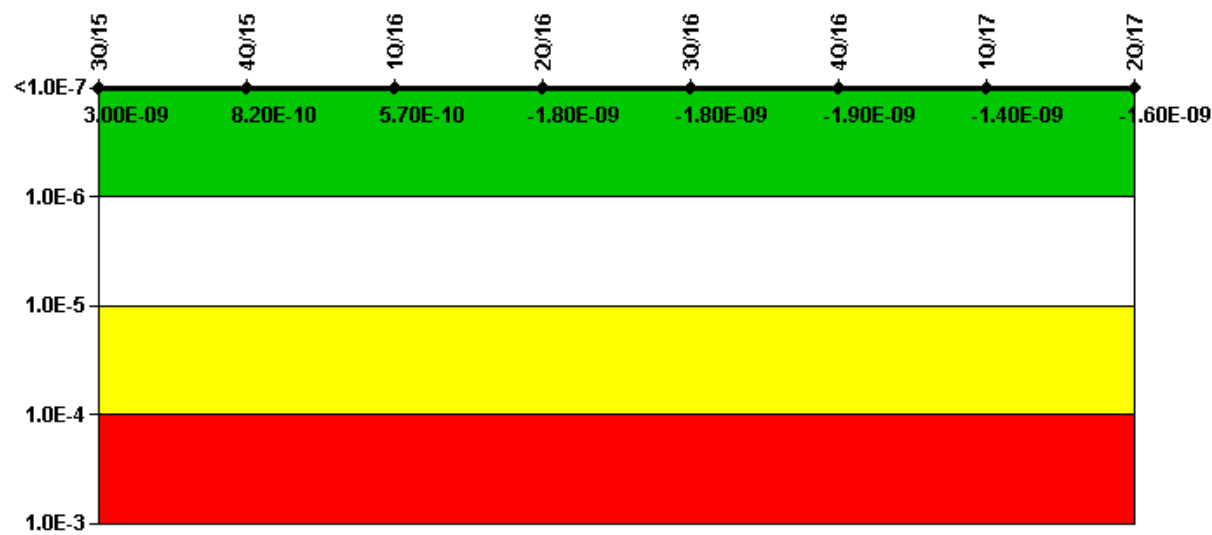
Notes

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)	-1.10E-12	-5.85E-12	-1.39E-11	4.33E-12	3.55E-12	3.35E-12	-2.06E-11	-2.06E-11
URI (ΔCDF)	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-7.60E-11	-8.10E-11	-8.90E-11	-7.00E-11	-7.10E-11	-7.10E-11	-9.50E-11	-9.50E-11

TOP

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



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

Notes

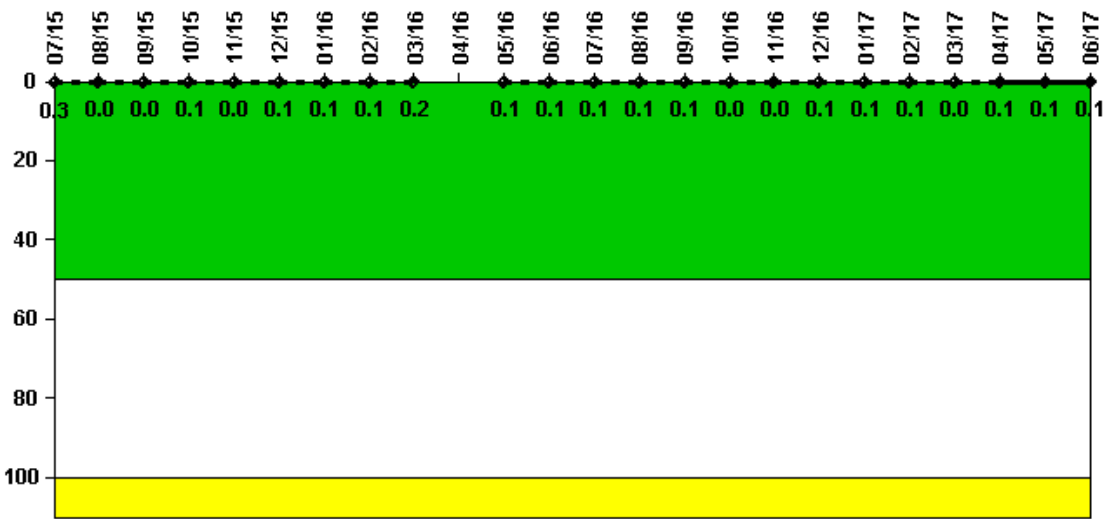
Mitigating Systems Performance Index, Cooling Water Systems

	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
UAI (ΔCDF)	7.52E-09	5.34E-09	5.09E-09	2.74E-09	2.72E-09	2.67E-09	3.14E-09	2.91E-09
URI (ΔCDF)	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.00E-09	8.20E-10	5.70E-10	-1.80E-09	-1.80E-09	-1.90E-09	-1.40E-09	-1.60E-09

TOP

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

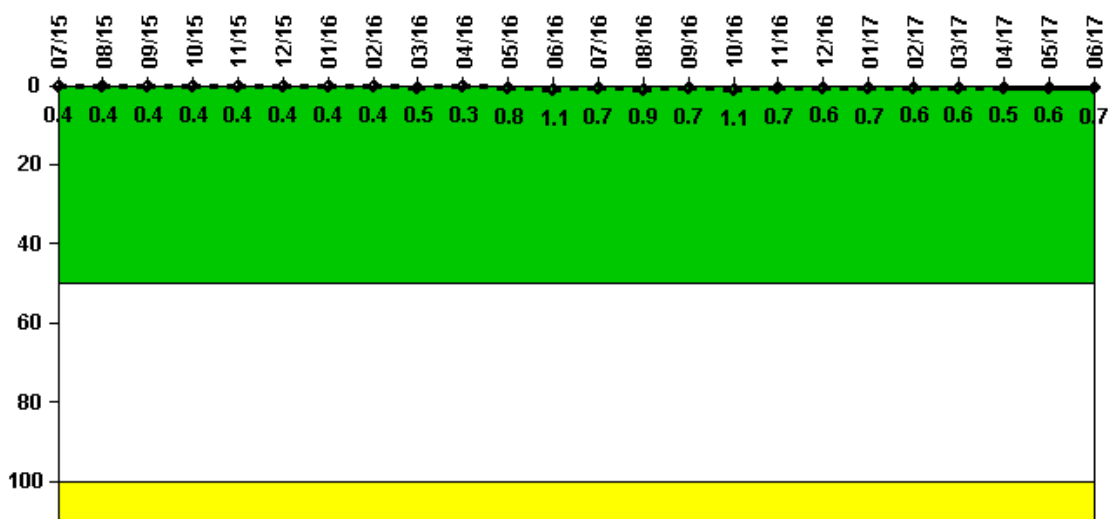
Notes

Reactor Coolant System Activity	7/15	8/15	9/15	10/15	11/15	12/15	1/16	2/16	3/16	4/16	5/16	6/16
Maximum activity	0.000850	0.000120	0.000120	0.000290	0.000100	0.000240	0.000180	0.000140	0.000610	N/A	0.000320	0.000130
Technical specification limit	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Indicator value	0.3	0	0	0.1	0	0.1	0.1	0.1	0.2	N/A	0.1	0.1

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	0.000130	0.000150	0.000150	0.000100	0.000100	0.000190	0.000200	0.000220	0.000120	0.000210	0.000240	0.000240
Technical specification limit	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Indicator value	0.1	0.1	0.1	0	0	0.1	0.1	0.1	0	0.1	0.1	0.1

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	0.040	0.042	0.040	0.040	0.040	0.040	0.040	0.040	0.050	0.030	0.080	0.110
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0

Indicator value	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.3	0.8	1.1
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	0.070	0.090	0.070	0.110	0.066	0.061	0.068	0.063	0.056	0.050	0.060	0.070
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0

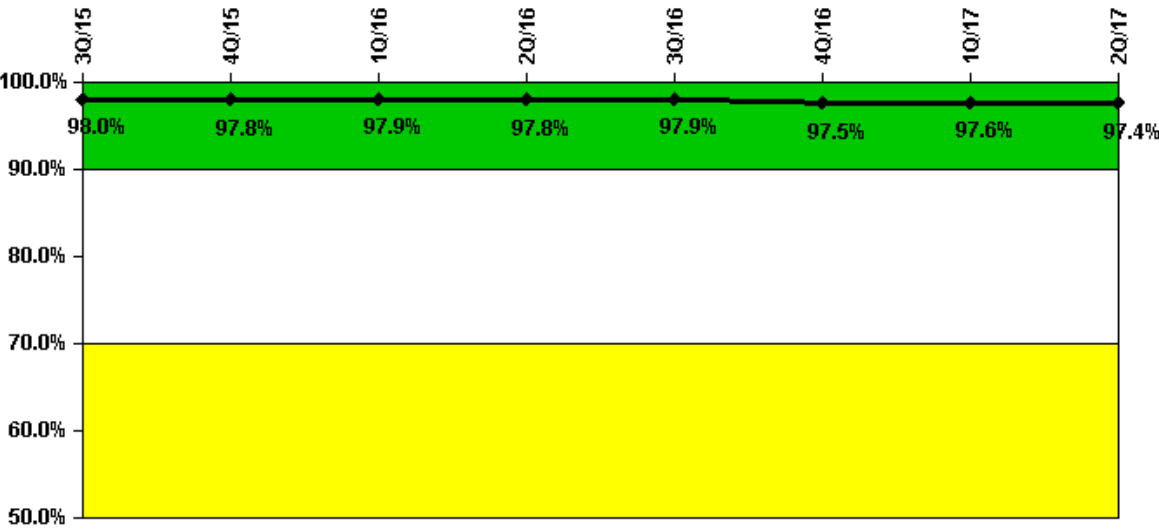
Indicator value	0.7	0.9	0.7	1.1	0.7	0.6	0.7	0.6	0.6	0.5	0.6	0.7

▲ TOP

Licensee Comments:

6/17: Indicator has been corrected to report maximum monthly identified leakage. (Indicator has been revised for July 2016 to June 2017.)

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

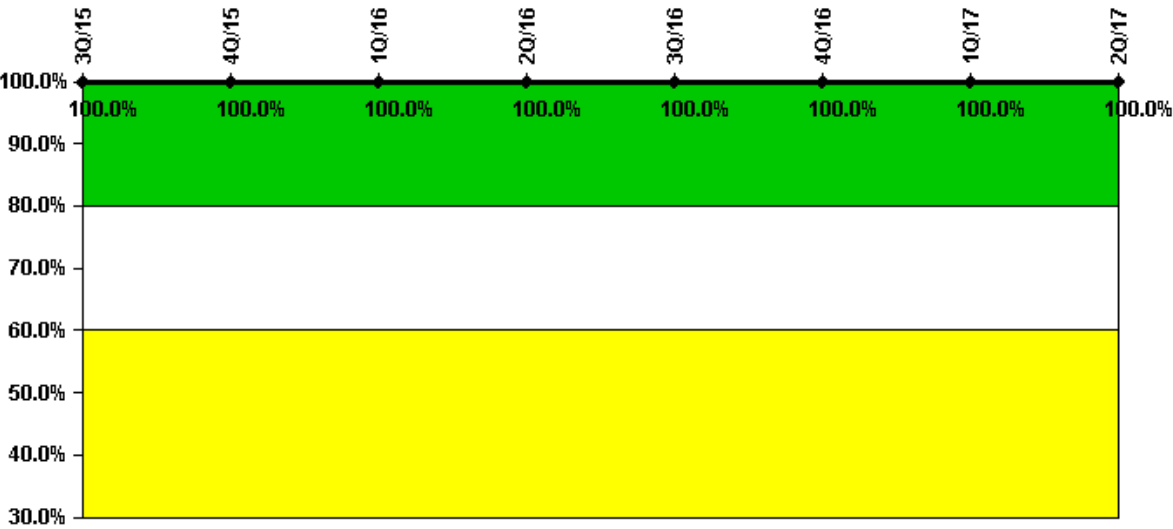
Drill/Exercise Performance	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Successful opportunities	40.0	14.0	48.0	4.0	26.0	40.0	36.0	15.0
Total opportunities	41.0	14.0	49.0	4.0	26.0	41.0	39.0	15.0

Indicator value	98.0%	97.8%	97.9%	97.8%	97.9%	97.5%	97.6%	97.4%

TOP

Licensee Comments: none

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

Notes

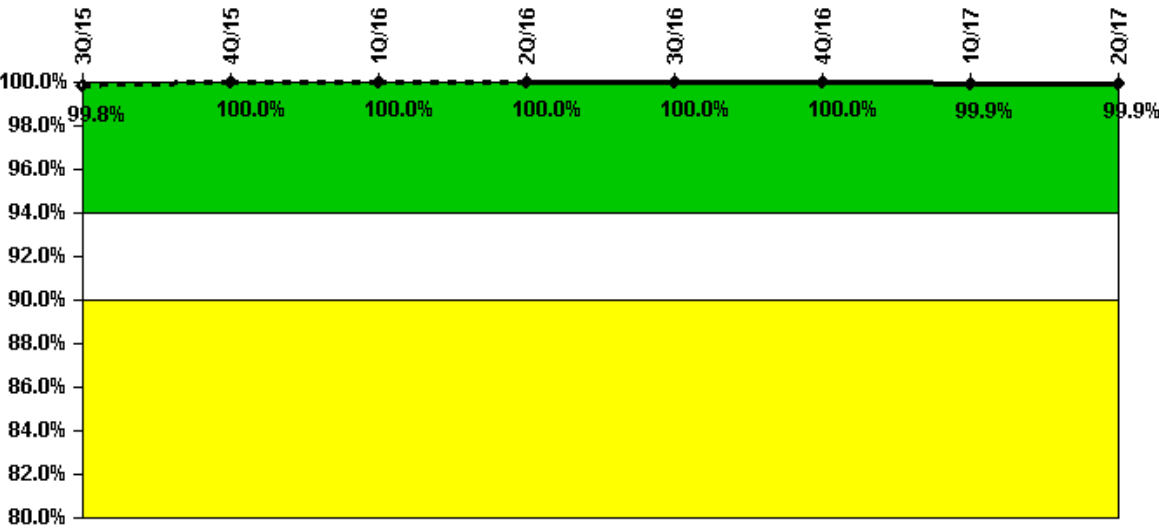
ERO Drill Participation	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Participating Key personnel	106.0	107.0	102.0	100.0	100.0	103.0	102.0	99.0
Total Key personnel	106.0	107.0	102.0	100.0	100.0	103.0	102.0	99.0

Indicator value 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0%

TOP

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

Notes

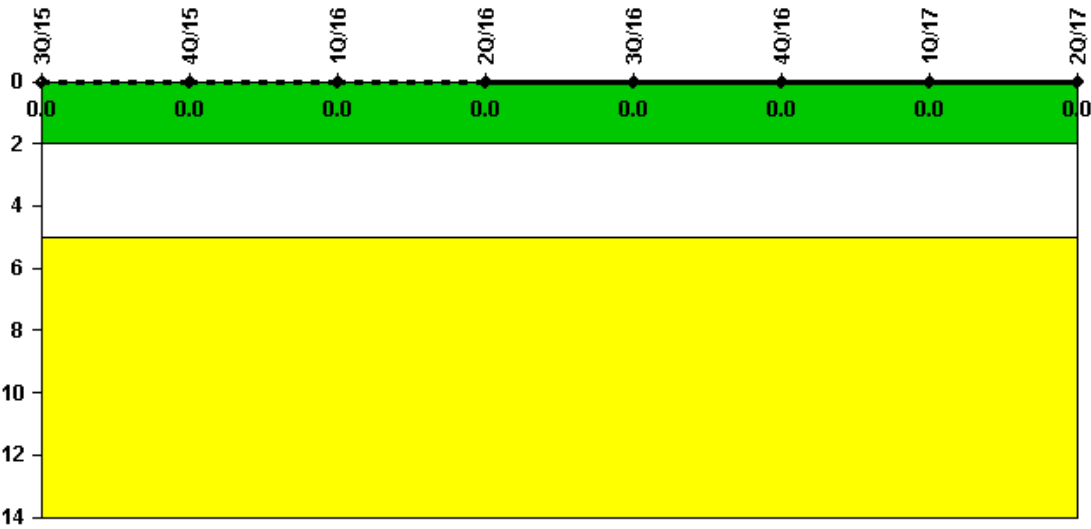
Alert & Notification System	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Successful siren-tests	376	376	336	384	336	384	335	335
Total sirens-tests	376	376	336	384	336	384	336	336

Indicator value 99.8% 100.0% 100.0% 100.0% 100.0% 100.0% 99.9% 99.9%

TOP

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

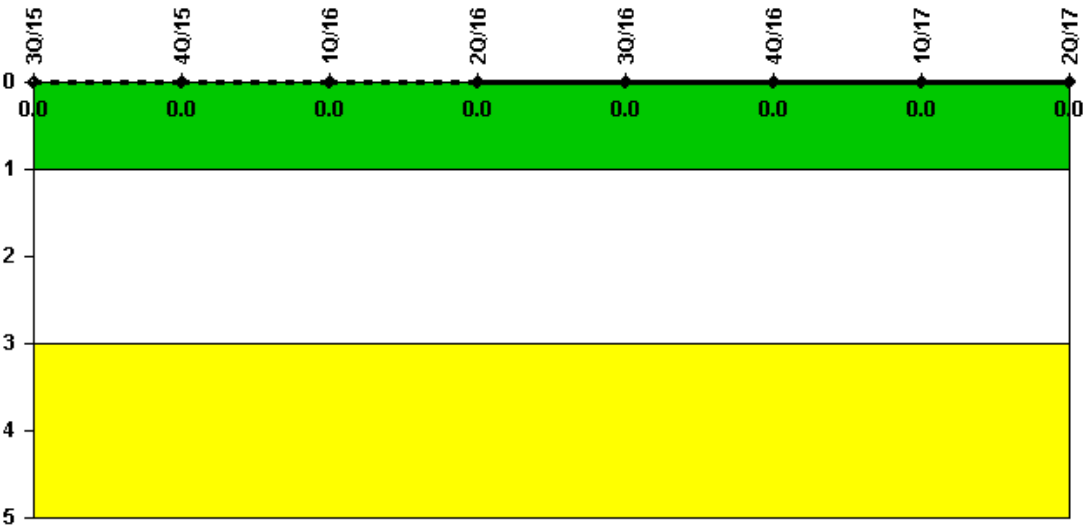
Notes

Occupational Exposure Control Effectiveness	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

TOP

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent3Q/154Q/151Q/162Q/163Q/164Q/161Q/172Q/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: July 26, 2017

Page Last Reviewed/Updated Wednesday, June 07, 2017



Home > Nuclear Reactors > Operating Reactors > Reactor Oversight Process > Plant Summaries> Turkey Point 4 > Quarterly Performance Indicators

Turkey Point 4 – Quarterly Performance Indicators

3Q/2017 Performance Indicators

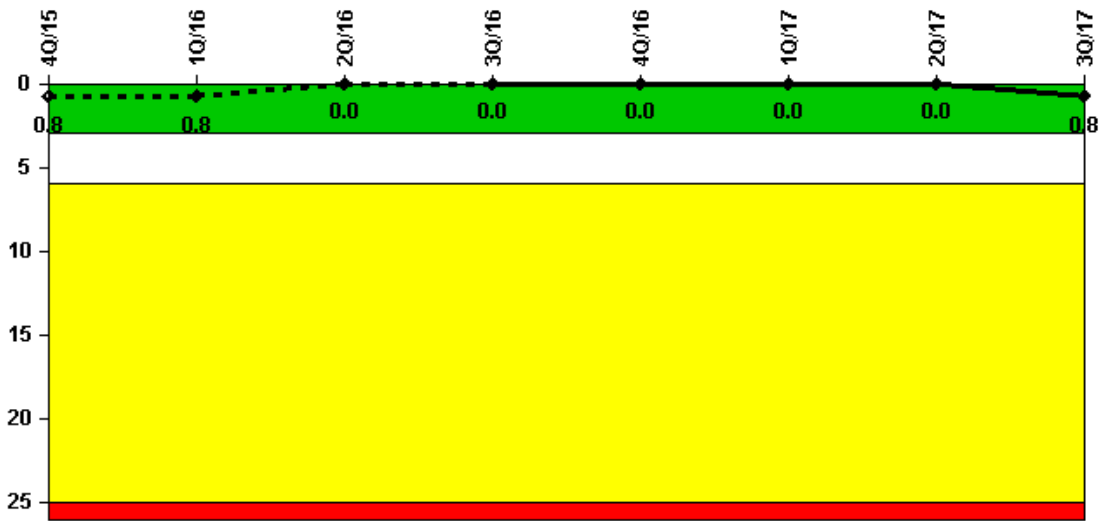
The solid trend line represents the current reporting period.

Licensee's General Comments: none

On this page:

- Unplanned Scrams (IE01)
- Unplanned Power Changes per 7000 Critical Hours (IE03)
- Unplanned Scrams with Complications (IE04)
- Safety System Functional Failures (MS05)
- Emergency AC Power Systems (MS06)
- High Pressure Injection Systems (MS07)
- Heat Removal Systems (MS08)
- Residual Heat Removal Systems (MS09)
- Cooling Water Systems (MS10)
- Reactor Coolant System Activity (BI01)
- Reactor Coolant System Leakage (BI02)
- Drill/Exercise Performance (EP01)
- Emergency Response Organization Drill Participation (EP02)
- Alert and Notification System Reliability (EP03)
- Occupational Exposure Control Effectiveness (OR01)
- RETS/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

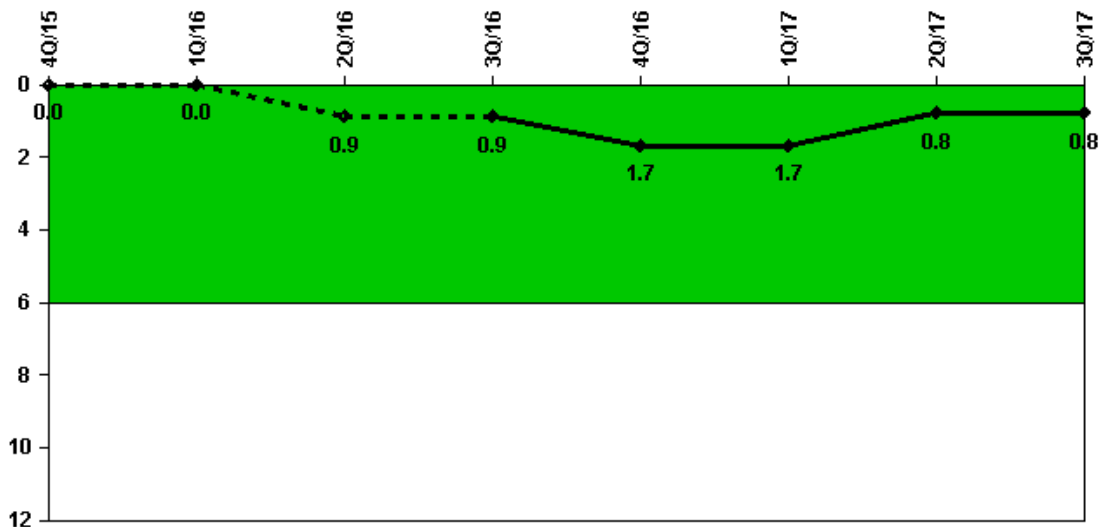
Unplanned Scrams per 7000 Critical Hrs	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Unplanned scrams	0	0	0	0	0	0	0	1.0
Critical hours	2209.0	2112.4	1538.1	2208.0	2209.0	2159.0	2184.0	2074.4
Indicator value	0.8	0.8	0	0	0	0	0	0.8

TOP

Licensee Comments:

3Q/17: Unit 4 Manual Reactor Trip due to SG C level perturbations caused by Feedwater FCV controls failure

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

Notes

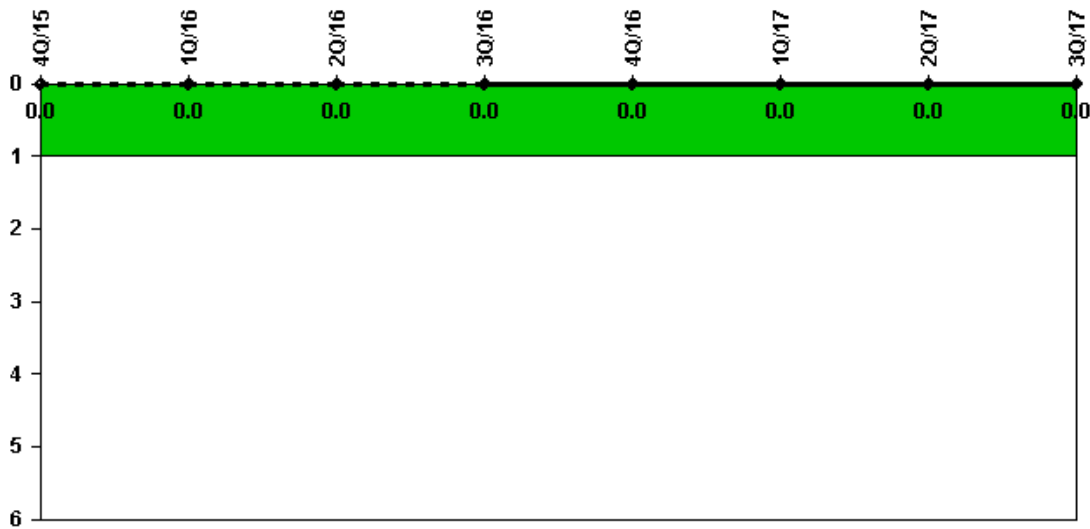
Unplanned Power Changes per 7000 Critical Hrs	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Unplanned power changes	0	0	1.0	0	1.0	0	0	0
Critical hours	2209.0	2112.4	1538.1	2208.0	2209.0	2159.0	2184.0	2074.4

Indicator value	0	0	0.9	0.9	1.7	1.7	0.8	0.8

▲ TOP

Licensee Comments:

2Q/16: Turkey Point Unit 4 performed an unplanned downpower on 5/19/2016 due to a EHC leak on the 4C MSR. Unit 4 returned to full power on 5/20/2016

Unplanned Scrams with Complications

Thresholds: White > 1.0

Notes

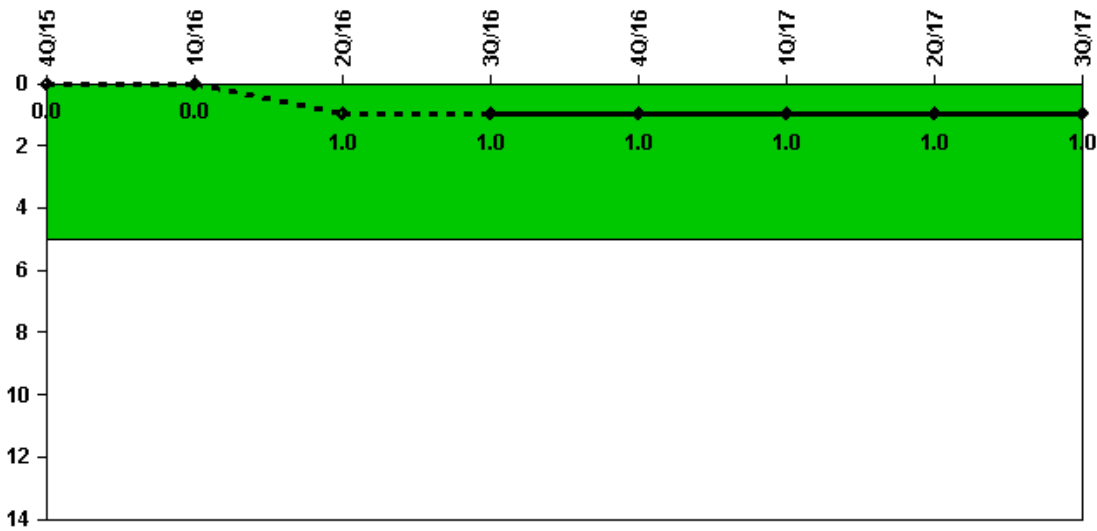
Unplanned Scrams with Complications	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Scrams with complications	0	0	0	0	0	0	0	0

Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

▲ TOP

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)4Q/151Q/162Q/163Q/164Q/161Q/172Q/173Q/17

Safety System Functional Failures 0 0 1 0 0 0 1 0

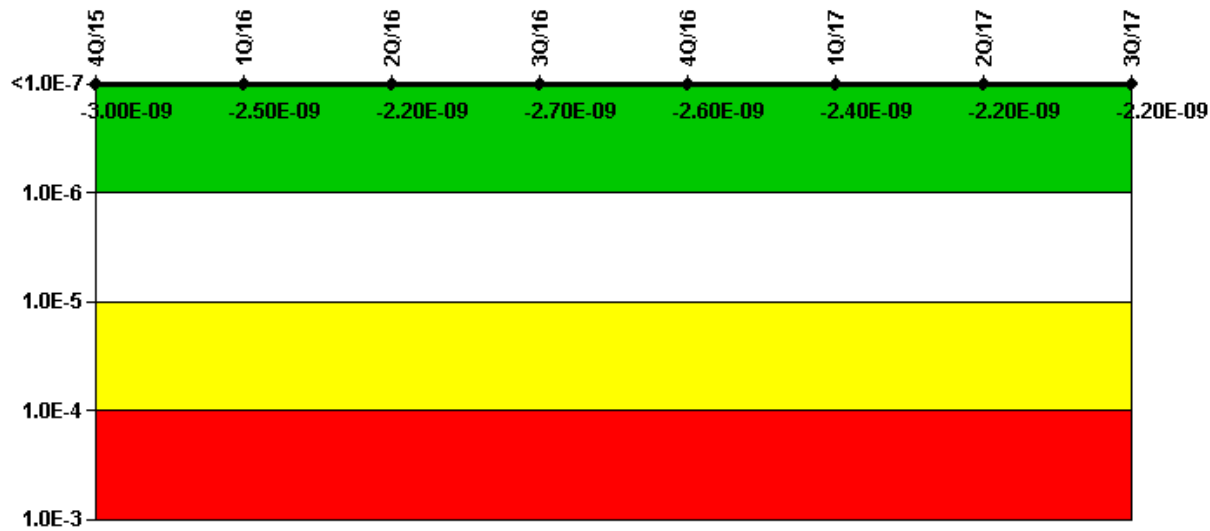
Indicator value 0 0 1 1 1 1 1 1

TOP

Licensee Comments:

2Q/17: LER 250/2017-001-00, Reactor trip, Auxiliary Feedwater and EDG 3A actuations, loss of Safety Injection Function and complication of TS required shutdown. L-2017-094, issued May 16, 2017. Loss of safety injection function impacted both Units 3 and 4.
 2Q/16: Licensee Event Report, LER 2016-01-00, reports that Turkey Point Unit 4 during the five day period that the reactor protection system OTDT/OPDT Channel III was inoperable, the single failure criteria was not met, and as such, the specified safety function was lost, when more than one channel was inoperable (for approximately 4 hours).

Mitigating Systems Performance Index, Emergency AC Power System



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

Notes

Mitigating Systems Performance Index, Emergency AC Power System

	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (ΔCDF)	1.96E-09	2.08E-09	2.10E-09	1.84E-09	1.95E-09	2.16E-09	2.33E-09	2.34E-09
URI (ΔCDF)	-4.93E-09	-4.57E-09	-4.26E-09	-4.56E-09	-4.55E-09	-4.57E-09	-4.55E-09	-4.52E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.00E-09	-2.50E-09	-2.20E-09	-2.70E-09	-2.60E-09	-2.40E-09	-2.20E-09	-2.20E-09

TOP

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



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

Notes

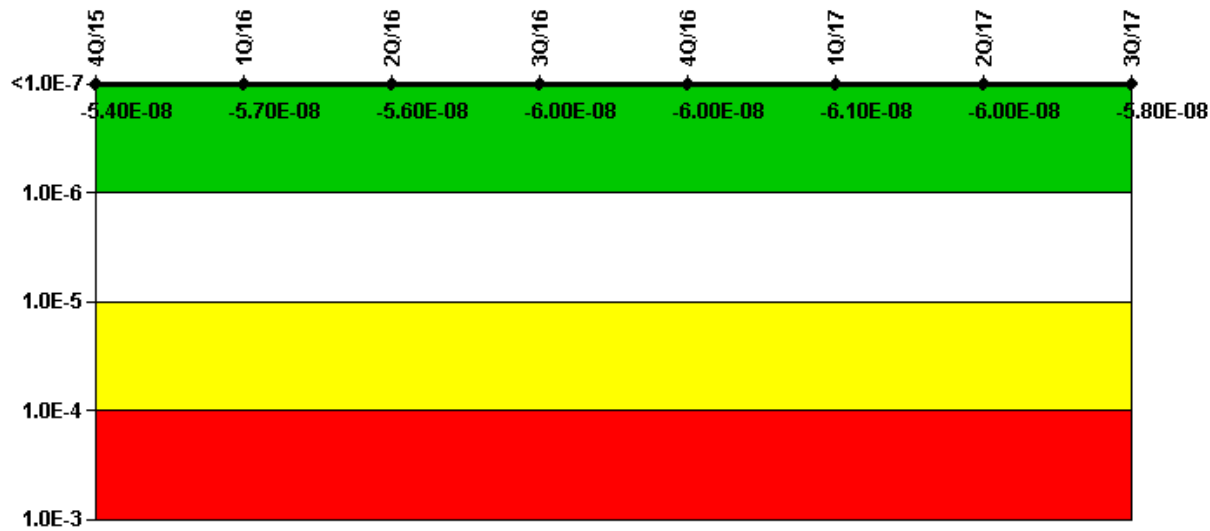
Mitigating Systems Performance Index, High Pressure Injection System

	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (ΔCDF)	-6.88E-11	-2.72E-10	3.82E-11	2.02E-11	-5.05E-11	-2.28E-10	2.55E-10	2.40E-10
URI (ΔCDF)	-1.76E-09	-1.76E-09	-1.76E-09	-1.76E-09	-1.72E-09	-1.72E-09	-1.72E-09	-1.72E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.80E-09	-2.00E-09	-1.70E-09	-1.70E-09	-1.80E-09	-1.90E-09	-1.50E-09	-1.50E-09

▲ TOP

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



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

Notes

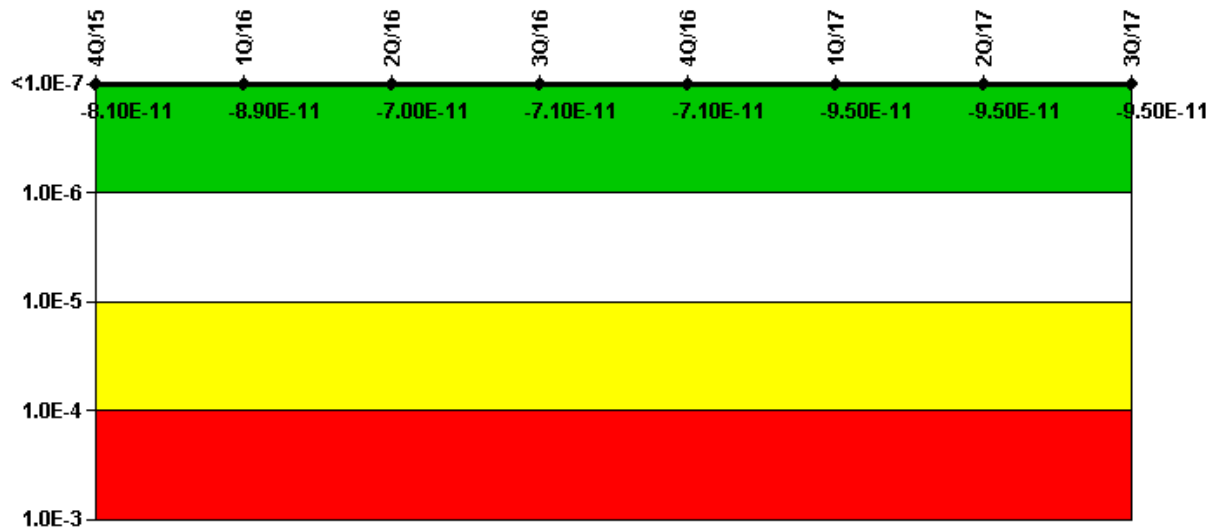
Mitigating Systems Performance Index, Heat Removal System

	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (ΔCDF)	1.48E-08	1.19E-08	1.22E-08	8.26E-09	8.13E-09	7.18E-09	8.35E-09	1.02E-08
URI (ΔCDF)	-6.90E-08	-6.85E-08	-6.84E-08	-6.84E-08	-6.84E-08	-6.84E-08	-6.84E-08	-6.84E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.40E-08	-5.70E-08	-5.60E-08	-6.00E-08	-6.00E-08	-6.10E-08	-6.00E-08	-5.80E-08

TOP

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



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

Notes

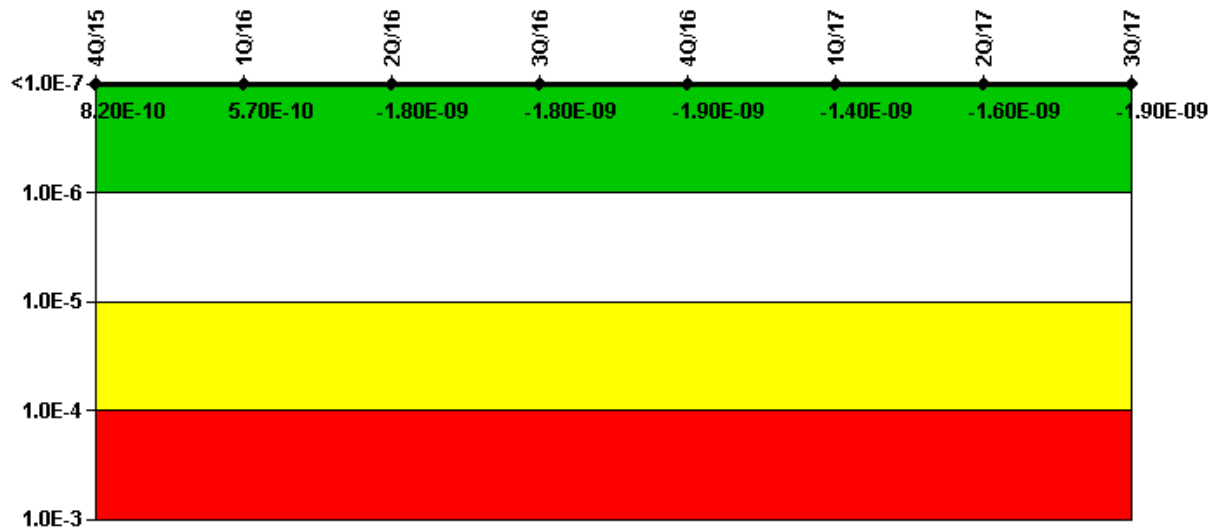
Mitigating Systems Performance Index, Residual Heat Removal System

	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (ΔCDF)	-5.85E-12	-1.39E-11	4.33E-12	3.55E-12	3.35E-12	-2.06E-11	-2.06E-11	-2.06E-11
URI (ΔCDF)	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-8.10E-11	-8.90E-11	-7.00E-11	-7.10E-11	-7.10E-11	-9.50E-11	-9.50E-11	-9.50E-11

TOP

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



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

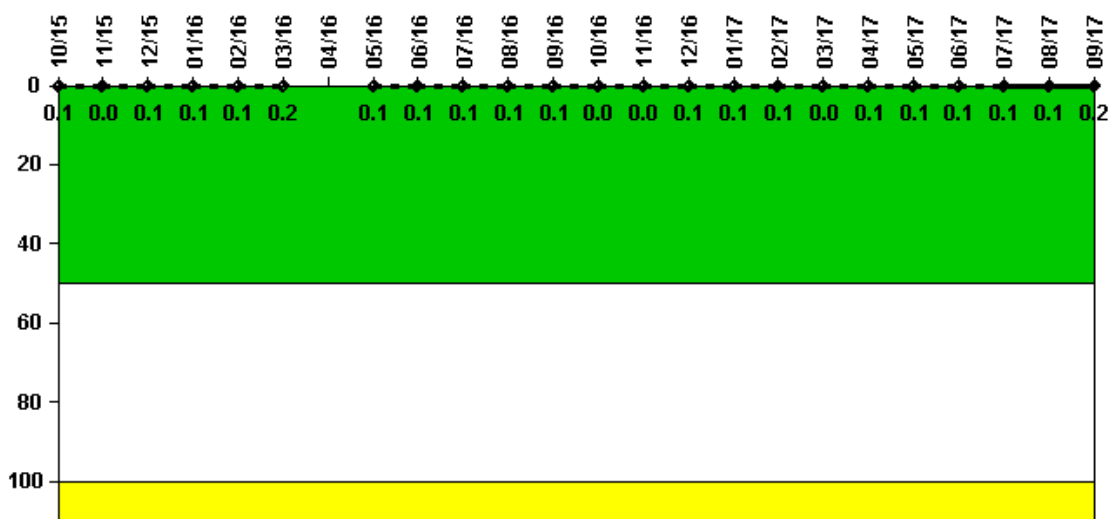
Notes

Mitigating Systems Performance Index, Cooling Water Systems

	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (ΔCDF)	5.34E-09	5.09E-09	2.74E-09	2.72E-09	2.67E-09	3.14E-09	2.91E-09	2.58E-09
URI (ΔCDF)	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	8.20E-10	5.70E-10	-1.80E-09	-1.80E-09	-1.90E-09	-1.40E-09	-1.60E-09	-1.90E-09

TOP

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes**Reactor Coolant**

System Activity	10/15	11/15	12/15	1/16	2/16	3/16	4/16	5/16	6/16	7/16	8/16	9/16
Maximum activity	0.000290	0.000100	0.000240	0.000180	0.000140	0.000610	N/A	0.000320	0.000130	0.000130	0.000150	0.000150
Technical specification limit	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

Indicator value **0.1** **0** **0.1** **0.1** **0.1** **0.2** **N/A** **0.1** **0.1** **0.1** **0.1** **0.1**

Reactor Coolant System

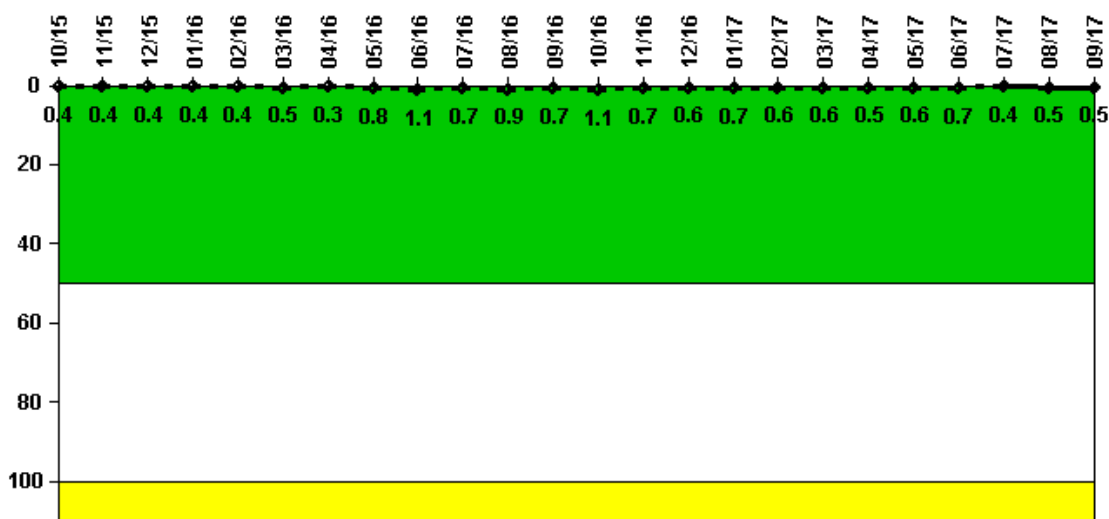
Activity	10/16	11/16	12/16	1/17	2/17	3/17	4/17	5/17	6/17	7/17	8/17	9/17
Maximum activity	0.000100	0.000100	0.000190	0.000200	0.000220	0.000120	0.000210	0.000240	0.000240	0.000140	0.000240	0.000610
Technical specification limit	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

Indicator value **0** **0** **0.1** **0.1** **0.1** **0** **0.1** **0.1** **0.1** **0.1** **0.1** **0.2**

▲ TOP

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/15	11/15	12/15	1/16	2/16	3/16	4/16	5/16	6/16	7/16	8/16	9/16
Maximum leakage	0.040	0.040	0.040	0.040	0.040	0.050	0.030	0.080	0.110	0.070	0.090	0.070
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0

Indicator value 0.4 0.4 0.4 0.4 0.4 0.5 0.3 0.8 1.1 0.7 0.9 0.7

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	0.110	0.066	0.061	0.068	0.063	0.056	0.050	0.060	0.070	0.040	0.050	0.050
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0

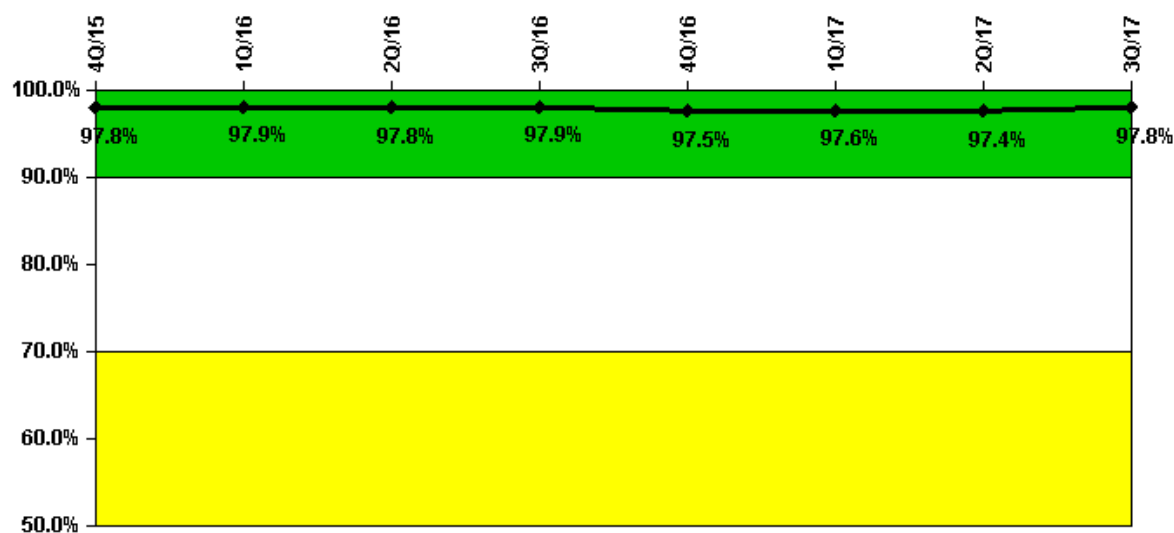
Indicator value 1.1 0.7 0.6 0.7 0.6 0.6 0.5 0.6 0.7 0.4 0.5 0.5

▲ TOP

Licensee Comments:

6/17: Indicator has been corrected to report maximum monthly identified leakage. (Indicator has been revised for July 2016 to June 2017.)

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

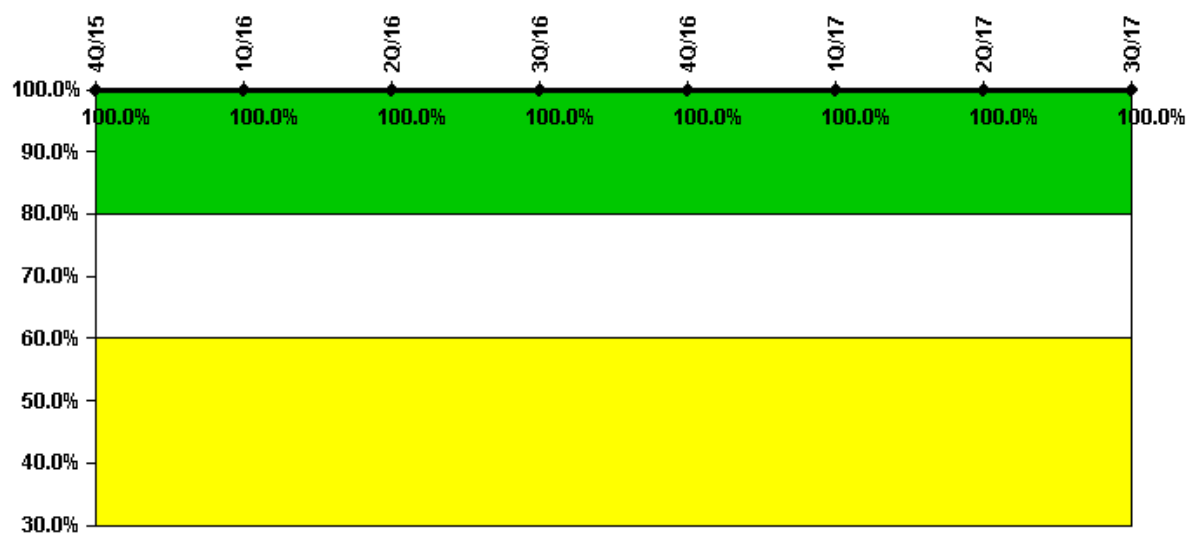
Drill/Exercise Performance	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Successful opportunities	14.0	48.0	4.0	26.0	40.0	36.0	15.0	37.0
Total opportunities	14.0	49.0	4.0	26.0	41.0	39.0	15.0	37.0

Indicator value 97.8% 97.9% 97.8% 97.9% 97.5% 97.6% 97.4% 97.8%

TOP

Licensee Comments: none

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

Notes

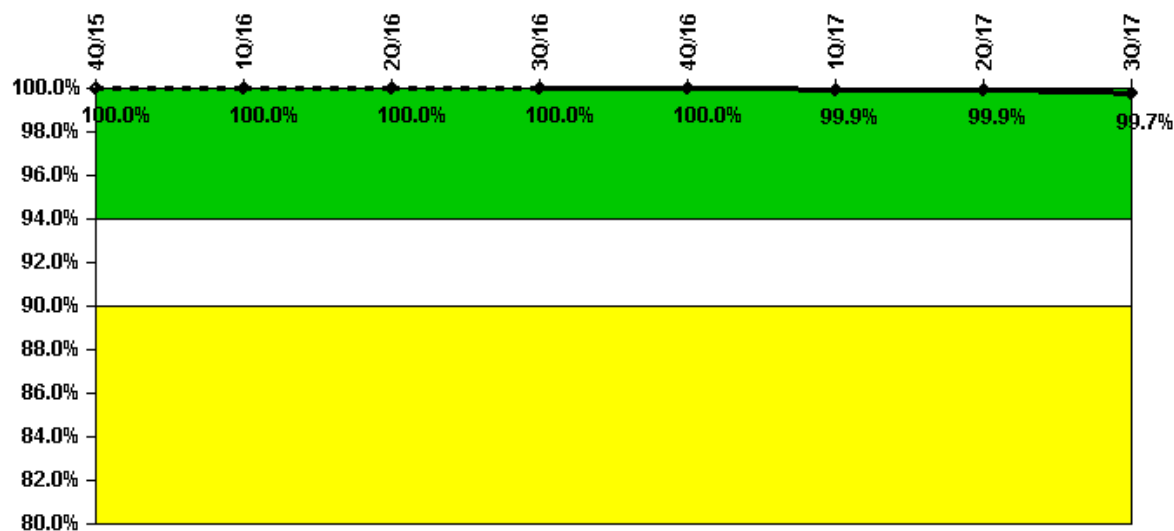
ERO Drill Participation	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Participating Key personnel	107.0	102.0	100.0	100.0	103.0	102.0	99.0	99.0
Total Key personnel	107.0	102.0	100.0	100.0	103.0	102.0	99.0	99.0

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

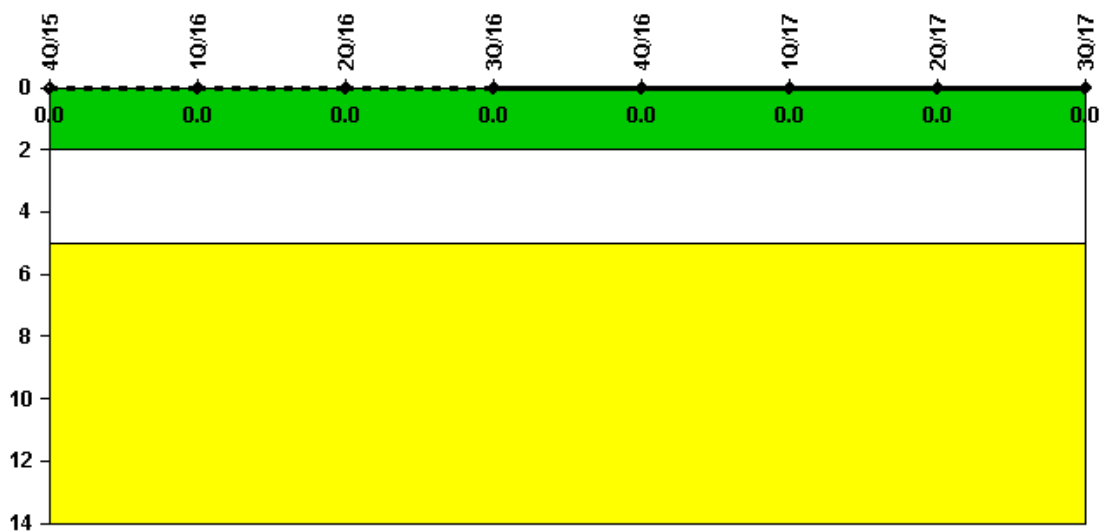
Alert & Notification System	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Successful siren-tests	376	336	384	336	384	335	335	382
Total sirens-tests	376	336	384	336	384	336	336	384

Indicator value 100.0% 100.0% 100.0% 100.0% 100.0% 99.9% 99.9% 99.7%

TOP

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

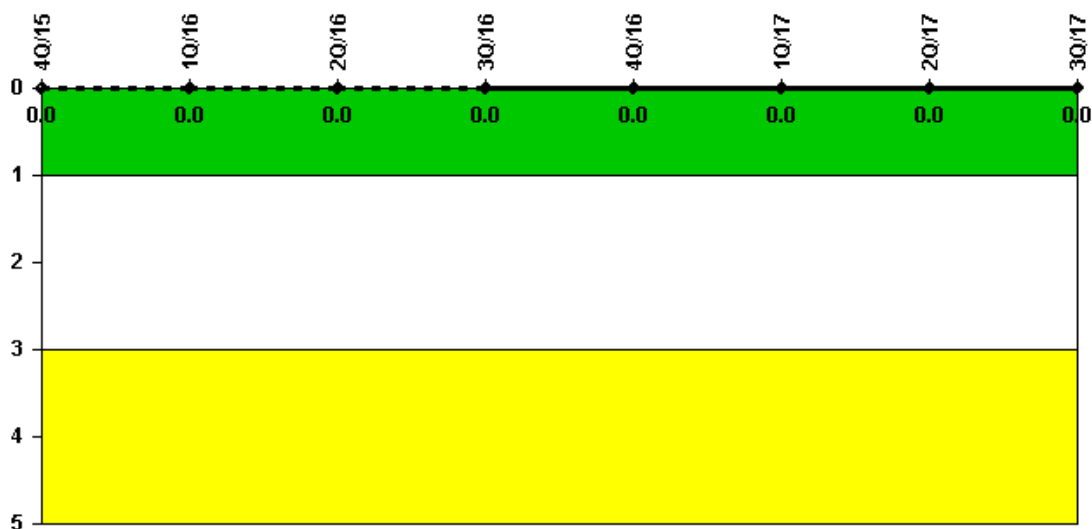
Occupational Exposure Control Effectiveness4Q/151Q/162Q/163Q/164Q/161Q/172Q/173Q/17

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

TOP

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent 4Q/15 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17 3Q/17

RETS/ODCM occurrences 0 0 0 0 0 0 0 0

Indicator value 0 0 0 0 0 0 0 0

TOP

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

Current data as of: October 31, 2017

Page Last Reviewed/Updated Monday, November 06, 2017



[Home](#) > [Nuclear Reactors](#) > [Operating Reactors](#) > [Reactor Oversight Process](#) > [Plant Summaries](#)> [Turkey Point 4](#) > [Quarterly Performance Indicators](#)

Turkey Point 4 – Quarterly Performance Indicators

4Q/2017 Performance Indicators

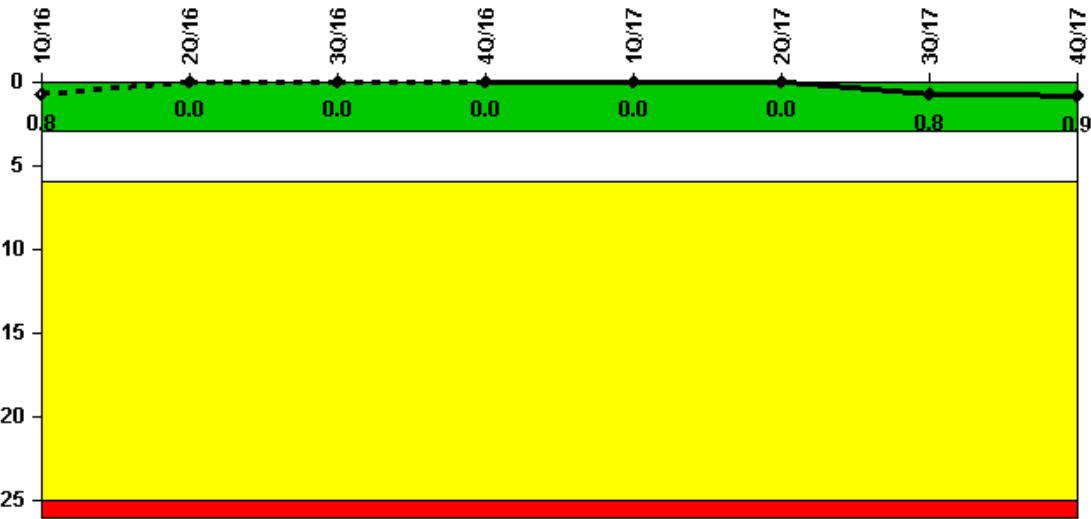
The solid trend line represents the current reporting period.

Licensee's General Comments: none

On this page:

- [Unplanned Scrams \(IE01\)](#)
- [Unplanned Power Changes per 7000 Critical Hours \(IE03\)](#)
- [Unplanned Scrams with Complications \(IE04\)](#)
- [Safety System Functional Failures \(MS05\)](#)
- [Emergency AC Power Systems \(MS06\)](#)
- [High Pressure Injection Systems \(MS07\)](#)
- [Heat Removal Systems \(MS08\)](#)
- [Residual Heat Removal Systems \(MS09\)](#)
- [Cooling Water Systems \(MS10\)](#)
- [Reactor Coolant System Activity \(BI01\)](#)
- [Reactor Coolant System Leakage \(BI02\)](#)
- [Drill/Exercise Performance \(EP01\)](#)
- [Emergency Response Organization Drill Participation \(EP02\)](#)
- [Alert and Notification System Reliability \(EP03\)](#)
- [Occupational Exposure Control Effectiveness \(OR01\)](#)
- [RETS/OCDM Radiological Effluent Occurrence \(PR01\)](#)
- [Protected Area Equipment \(PP01\)](#)

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

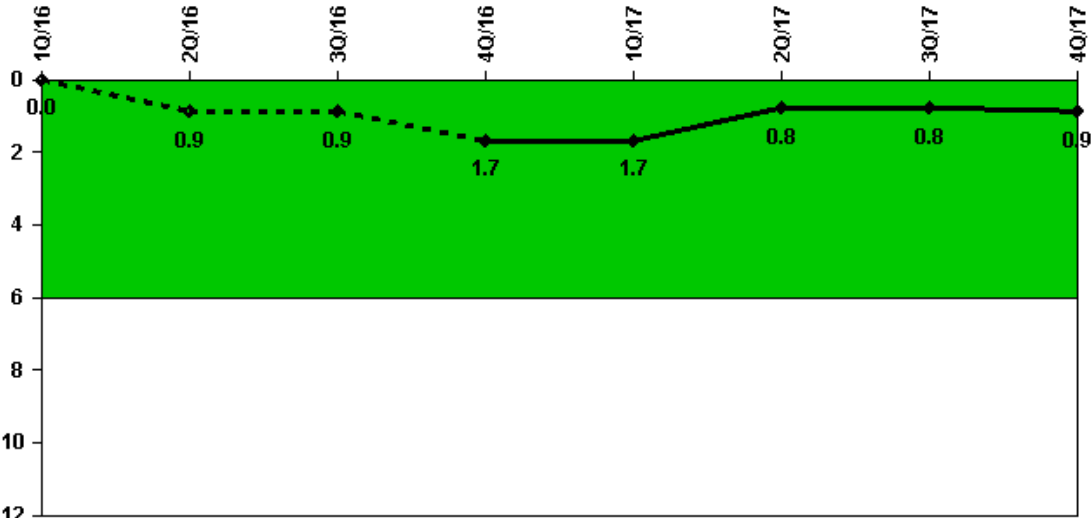
Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Unplanned scrams	0	0	0	0	0	0	1.0	0
Critical hours	2112.4	1538.1	2208.0	2209.0	2159.0	2184.0	2074.4	1566.1
Indicator value	0.8	0	0	0	0	0	0.8	0.9

TOP

Licensee Comments:
3Q/17: Unit 4 Manual Reactor Trip due to SG C level perturbations caused by Feedwater FCV controls failure

Unplanned Power Changes per 7000 Critical Hrs



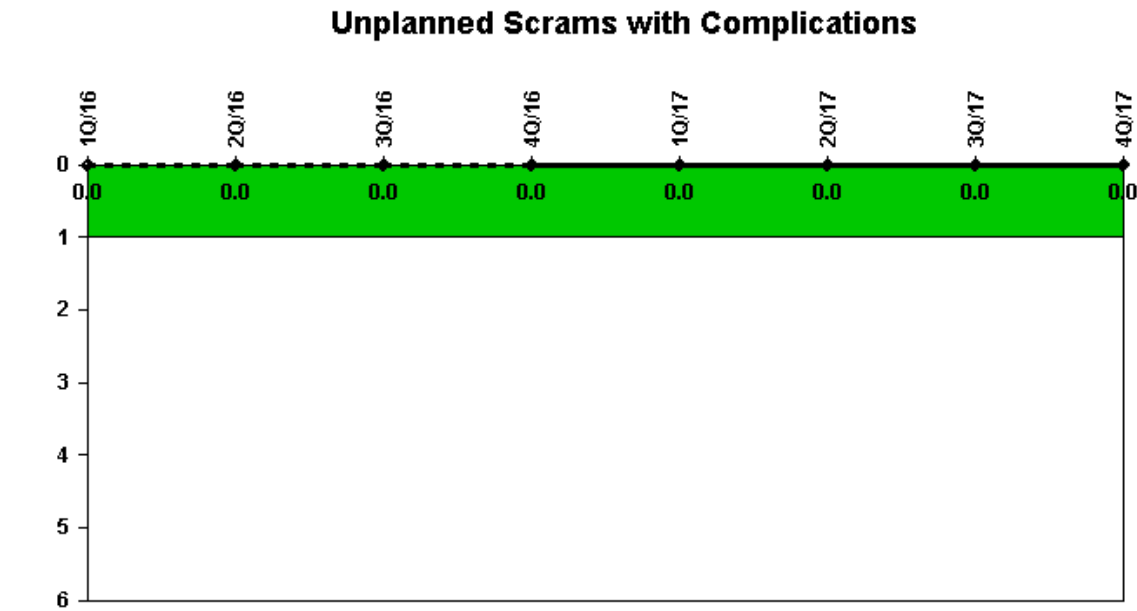
Thresholds: White > 6.0

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	1.0	0	1.0	0	0	0	1.0
Critical hours	2112.4	1538.1	2208.0	2209.0	2159.0	2184.0	2074.4	1566.1
Indicator value	0	0.9	0.9	1.7	1.7	0.8	0.8	0.9

TOP

Licensee Comments:
4Q/17: Unit 4 performed an unplanned power change to repair a steam leak on the SG Feed Pump recirculation line 4-20-147.
2Q/16: Turkey Point Unit 4 performed an unplanned downpower on 5/19/2016 due to a EHC leak on the 4C MSR. Unit 4 returned to full power on 5/20/2016



Thresholds: White > 1.0

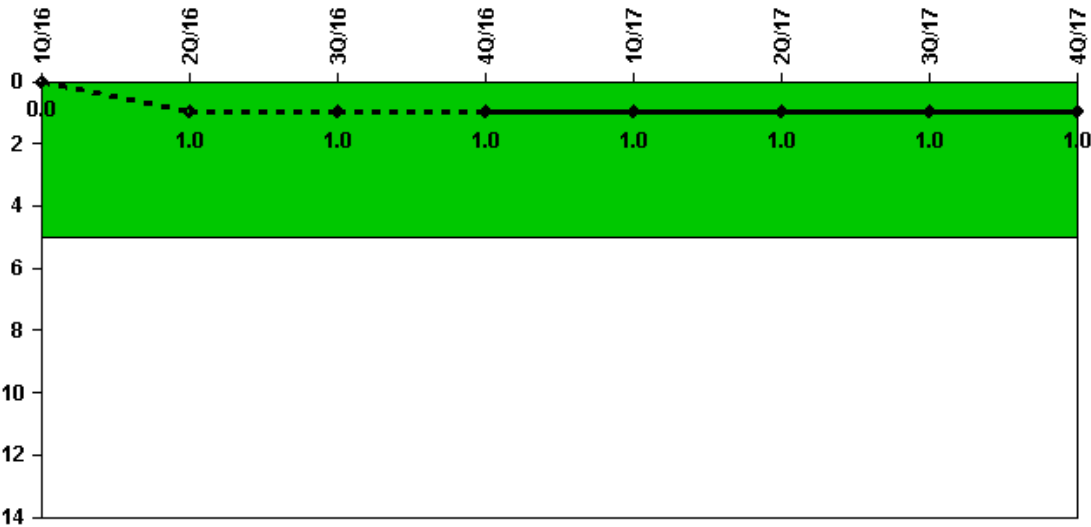
Notes

Unplanned Scrams with Complications	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOP

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

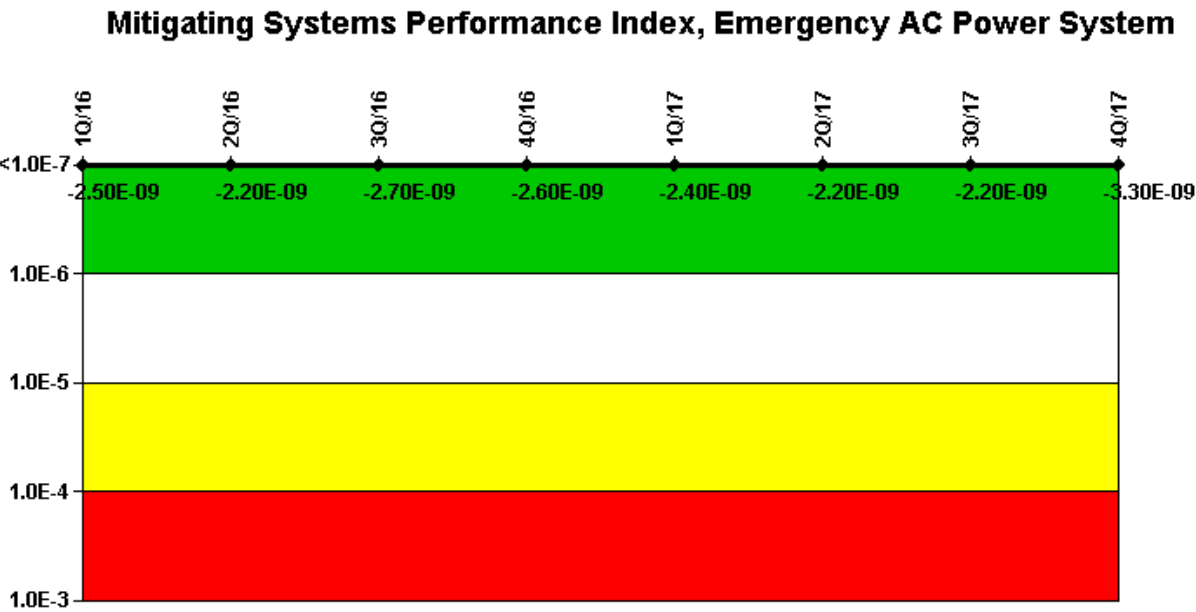
Notes

Safety System Functional Failures (PWR)	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Safety System Functional Failures	0	1	0	0	0	1	0	0

Indicator value	0	1	1	1	1	1	1	1

TOP

Licensee Comments:
2Q/17: LER 250/2017-001-00, Reactor trip, Auxiliary Feedwater and EDG 3A actuations, loss of Safety Injection Function and complication of TS required shutdown. L-2017-094, issued May 16, 2017. Loss of safety injection function impacted both Units 3 and 4.
2Q/16: Licensee Event Report, LER 2016-01-00, reports that Turkey Point Unit 4 during the five day period that the reactor protection system OTDT/OPDT Channel III was inoperable, the single failure criteria was not met, and as such, the specified safety function was lost, when more than one channel was inoperable (for approximately 4 hours).



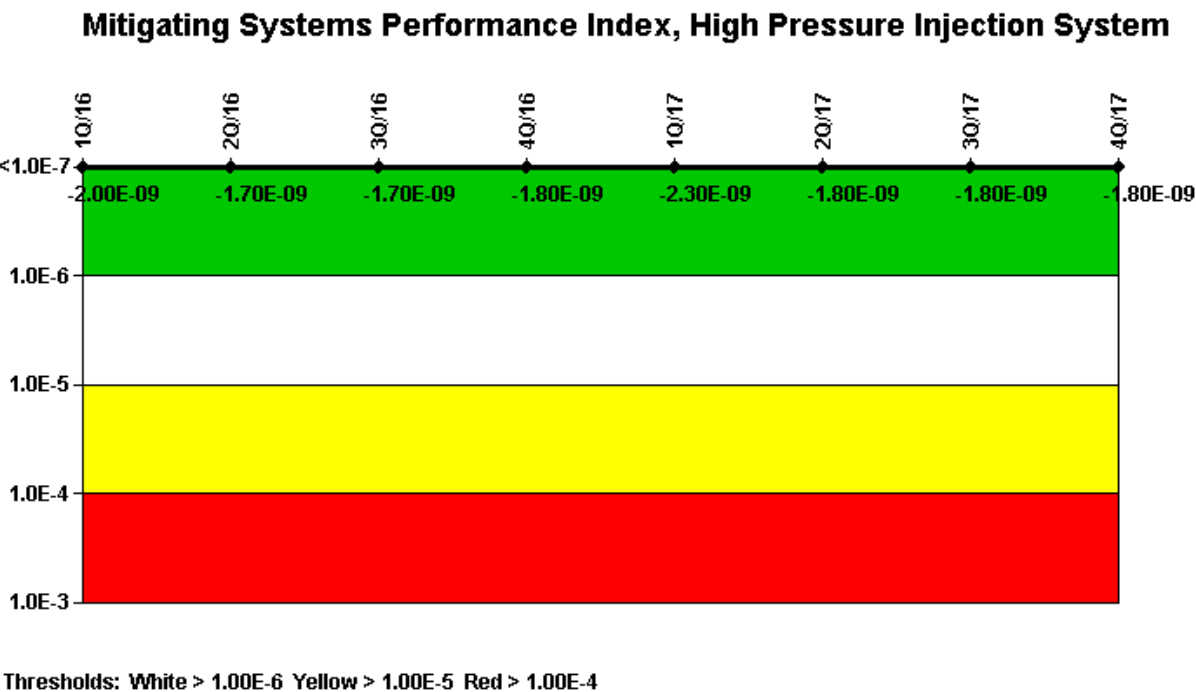
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	2.08E-09	2.10E-09	1.84E-09	1.95E-09	2.16E-09	2.33E-09	2.34E-09	1.05E-09
URI (ΔCDF)	-4.57E-09	-4.26E-09	-4.56E-09	-4.55E-09	-4.57E-09	-4.55E-09	-4.52E-09	-4.39E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.50E-09	-2.20E-09	-2.70E-09	-2.60E-09	-2.40E-09	-2.20E-09	-2.20E-09	-3.30E-09

TOP

Licensee Comments: none



Notes

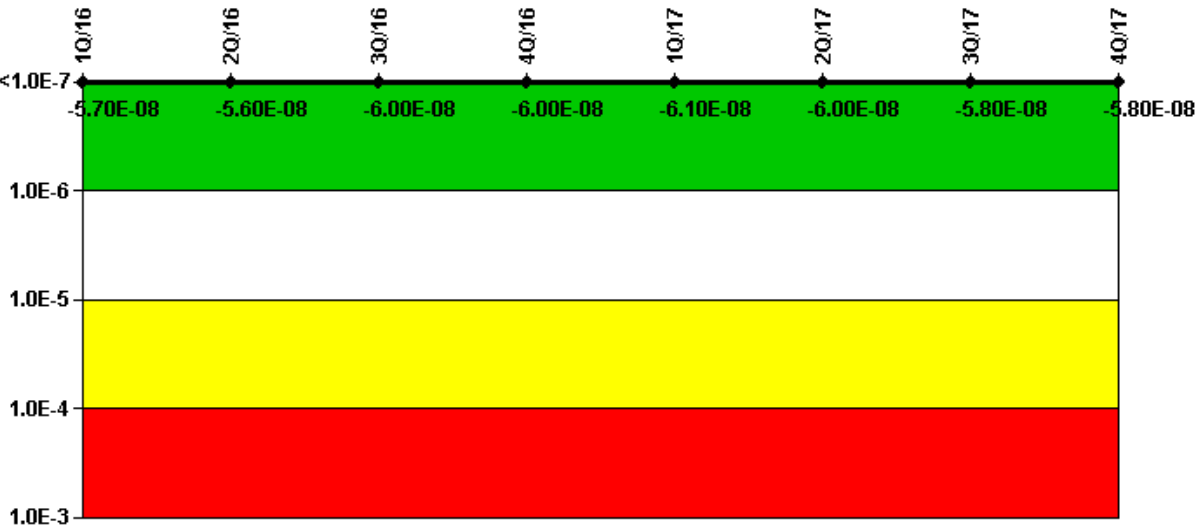
Mitigating Systems Performance Index, High Pressure Injection System

	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
UAI (ΔCDF)	-2.72E-10	3.82E-11	2.02E-11	-5.05E-11	-5.69E-10	-8.48E-11	-9.86E-11	-9.07E-11
URI (ΔCDF)	-1.76E-09	-1.76E-09	-1.76E-09	-1.72E-09	-1.72E-09	-1.72E-09	-1.72E-09	-1.71E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.00E-09	-1.70E-09	-1.70E-09	-1.80E-09	-2.30E-09	-1.80E-09	-1.80E-09	-1.80E-09

TOP

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



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

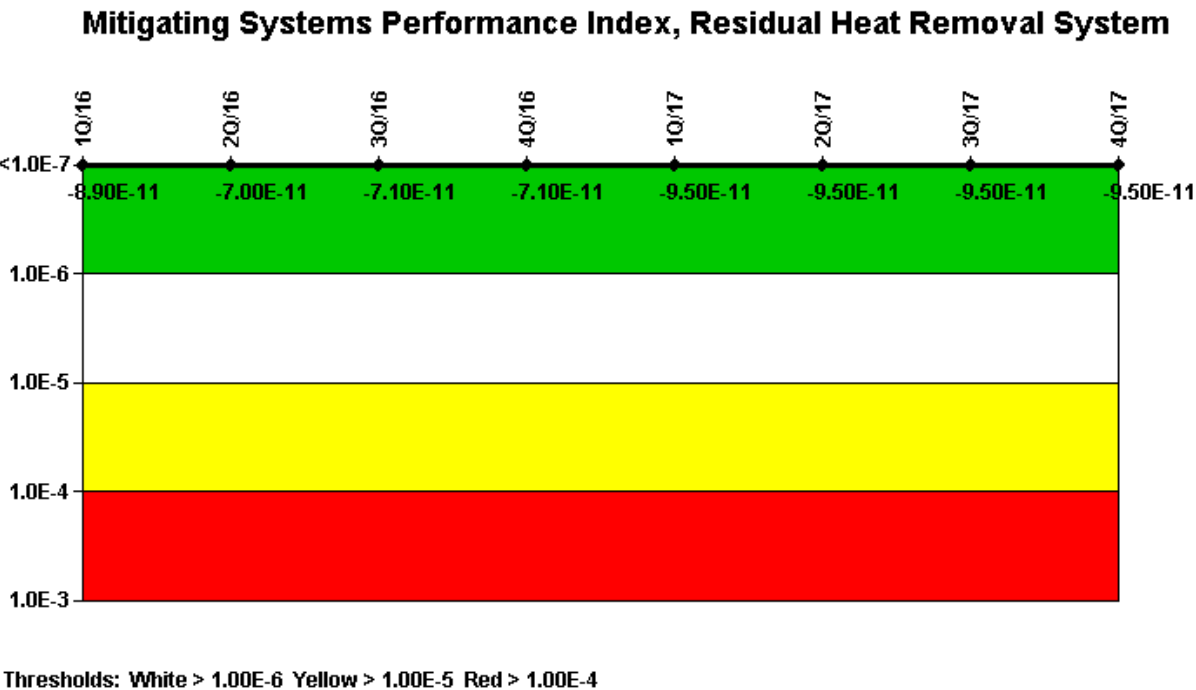
Notes

Mitigating Systems Performance Index, Heat Removal System

	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
UAI (ΔCDF)	1.19E-08	1.22E-08	8.26E-09	8.13E-09	7.18E-09	8.35E-09	1.02E-08	1.02E-08
URI (ΔCDF)	-6.85E-08	-6.84E-08	-6.84E-08	-6.84E-08	-6.84E-08	-6.84E-08	-6.85E-08	-6.84E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.70E-08	-5.60E-08	-6.00E-08	-6.00E-08	-6.10E-08	-6.00E-08	-5.80E-08	-5.80E-08

TOP

Licensee Comments: none



Notes

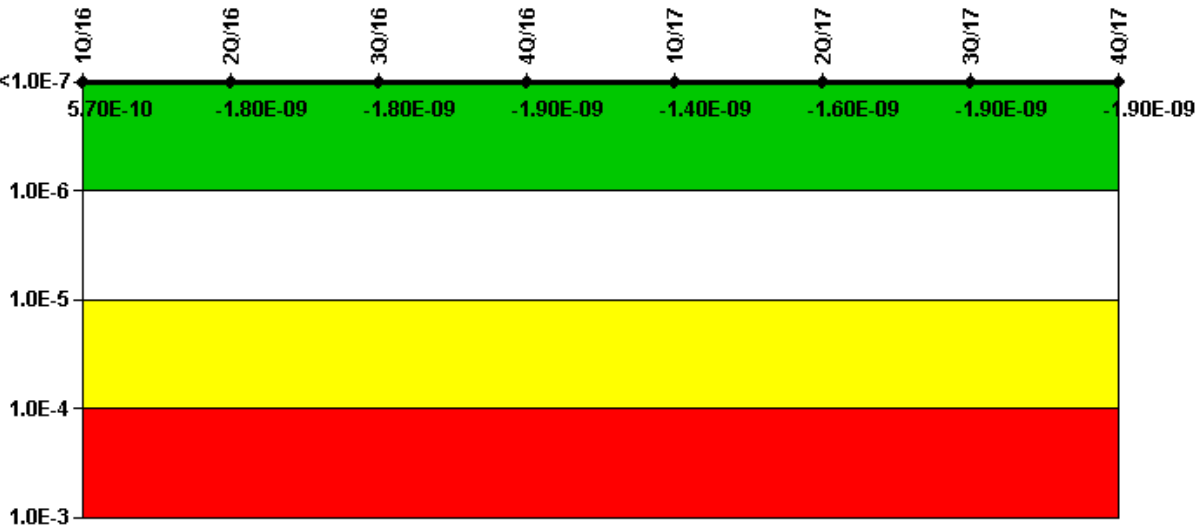
Mitigating Systems Performance Index, Residual Heat Removal System

	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
UAI (ΔCDF)	-1.39E-11	4.33E-12	3.55E-12	3.35E-12	-2.06E-11	-2.06E-11	-2.06E-11	-2.06E-11
URI (ΔCDF)	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11	-7.47E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-8.90E-11	-7.00E-11	-7.10E-11	-7.10E-11	-9.50E-11	-9.50E-11	-9.50E-11	-9.50E-11

TOP

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



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

Notes

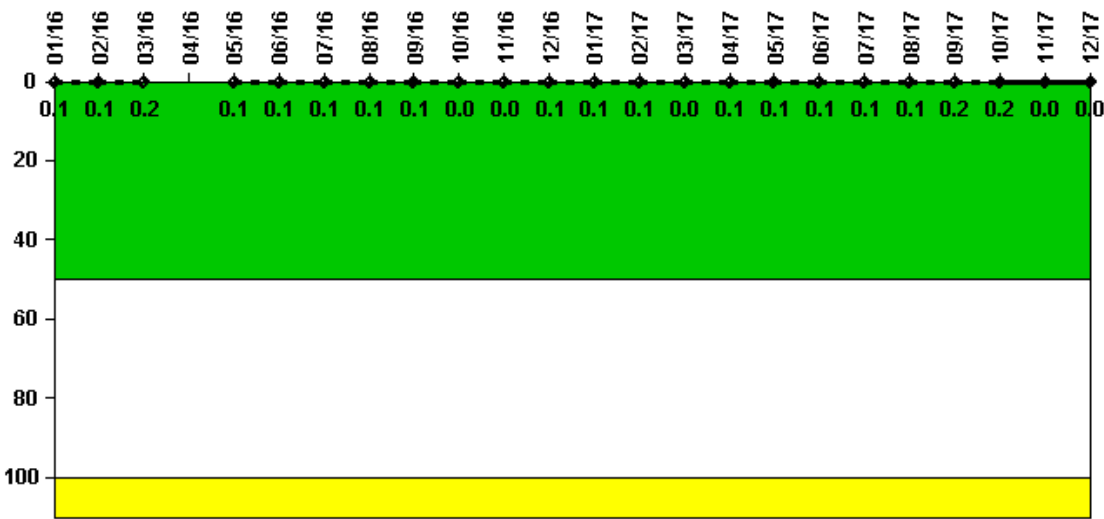
Mitigating Systems Performance Index, Cooling Water Systems

	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
UAI (ΔCDF)	5.09E-09	2.74E-09	2.72E-09	2.67E-09	3.14E-09	2.91E-09	2.58E-09	2.61E-09
URI (ΔCDF)	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09	-4.52E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	5.70E-10	-1.80E-09	-1.80E-09	-1.90E-09	-1.40E-09	-1.60E-09	-1.90E-09	-1.90E-09

TOP

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

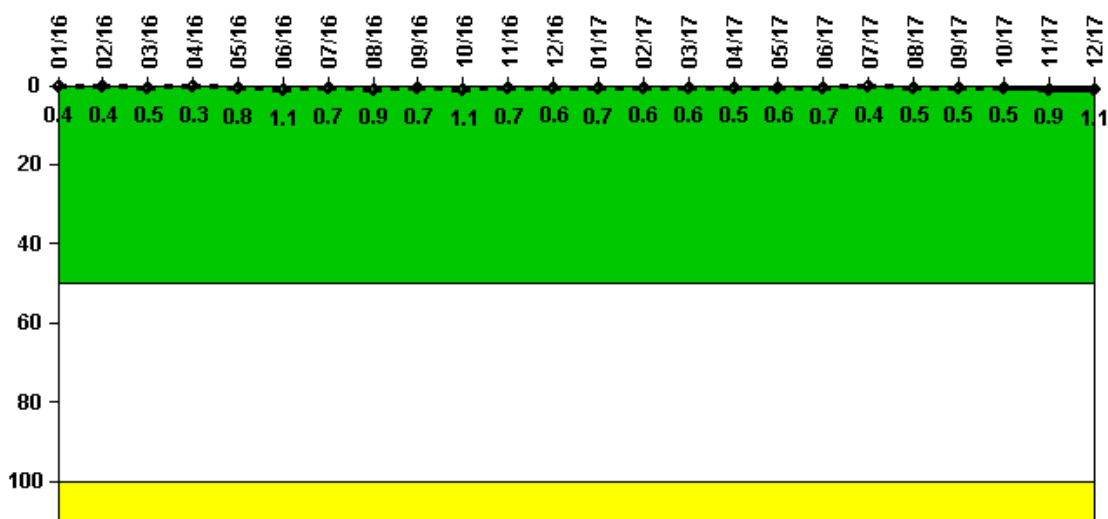
Notes

Reactor Coolant System Activity	1/16	2/16	3/16	4/16	5/16	6/16	7/16	8/16	9/16	10/16	11/16	12/16
Maximum activity	0.000180	0.000140	0.000610	N/A	0.000320	0.000130	0.000130	0.000150	0.000150	0.000100	0.000100	0.000190
Technical specification limit	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Indicator value	0.1	0.1	0.2	N/A	0.1	0.1	0.1	0.1	0.1	0	0	0.1

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	0.000200	0.000220	0.000120	0.000210	0.000240	0.000240	0.000140	0.000240	0.000610	0.000540	0.000080	0.000090
Technical specification limit	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Indicator value	0.1	0.1	0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0	0

TOP

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/16	2/16	3/16	4/16	5/16	6/16	7/16	8/16	9/16	10/16	11/16	12/16
Maximum leakage	0.040	0.040	0.050	0.030	0.080	0.110	0.070	0.090	0.070	0.110	0.066	0.061
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0

Indicator value **0.4 0.4 0.5 0.3 0.8 1.1 0.7 0.9 0.7 1.1 0.7 0.6**

Reactor Coolant System Leakage	1/17	2/17	3/17	4/17	5/17	6/17	7/17	8/17	9/17	10/17	11/17	12/17
Maximum leakage	0.068	0.063	0.056	0.050	0.060	0.070	0.040	0.050	0.050	0.050	0.090	0.110
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0

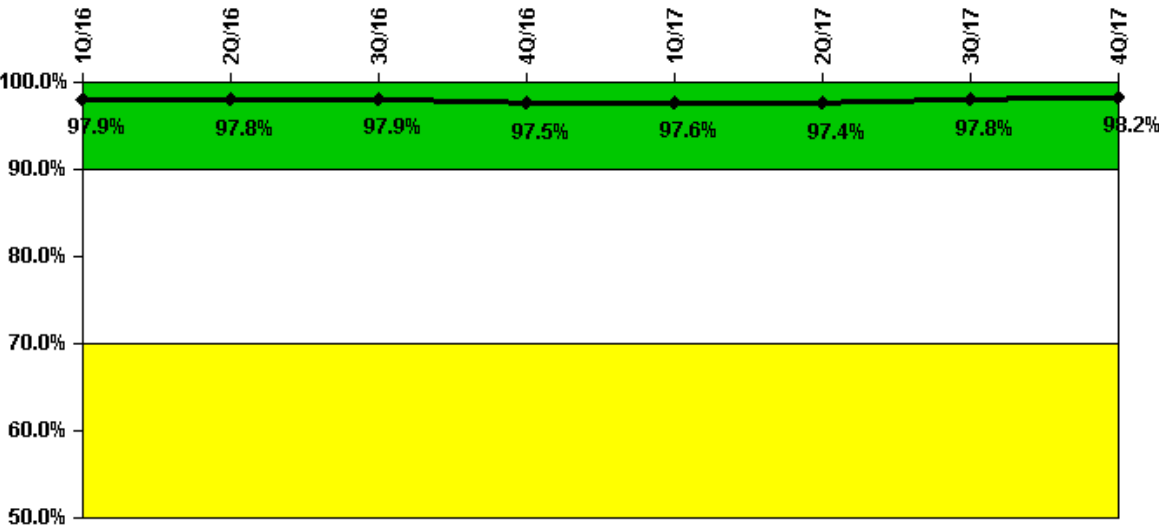
Indicator value **0.7 0.6 0.6 0.5 0.6 0.7 0.4 0.5 0.5 0.5 0.9 1.1**

TOP

Licensee Comments:

6/17: Indicator has been corrected to report maximum monthly identified leakage. (Indicator has been revised for July 2016 to June 2017.)

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

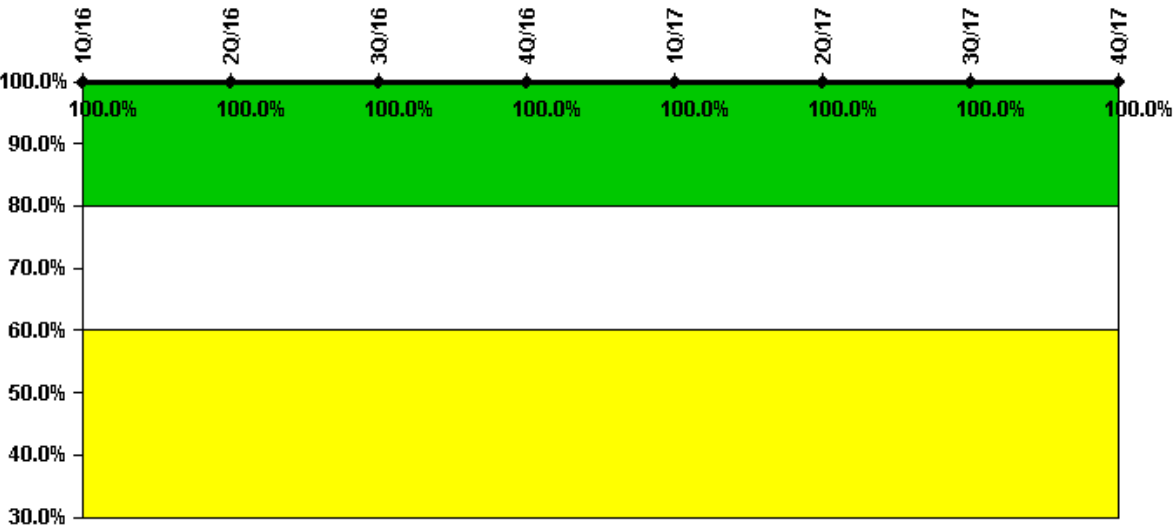
Drill/Exercise Performance	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Successful opportunities	48.0	4.0	26.0	40.0	36.0	15.0	37.0	64.0
Total opportunities	49.0	4.0	26.0	41.0	39.0	15.0	37.0	64.0

Indicator value 97.9% 97.8% 97.9% 97.5% 97.6% 97.4% 97.8% 98.2%

TOP

Licensee Comments: none

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

Notes

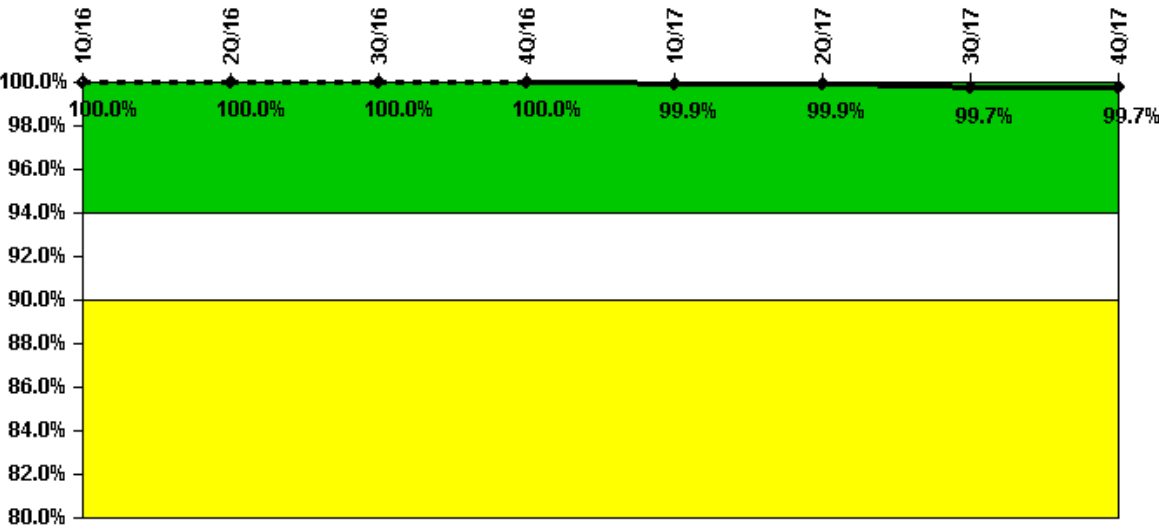
ERO Drill Participation	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Participating Key personnel	102.0	100.0	100.0	103.0	102.0	99.0	99.0	107.0
Total Key personnel	102.0	100.0	100.0	103.0	102.0	99.0	99.0	107.0

Indicator value 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0%

TOP

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

Notes

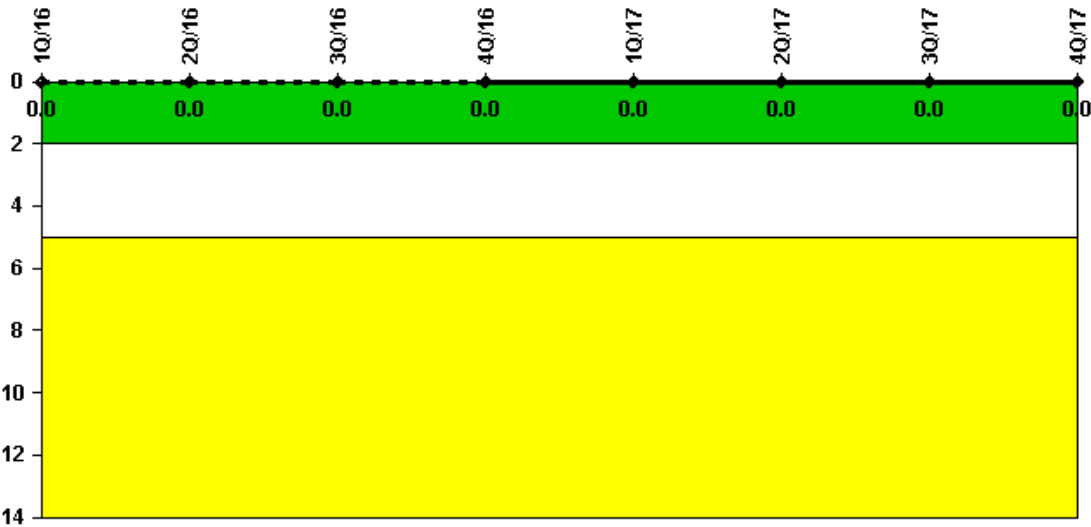
Alert & Notification System	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Successful siren-tests	336	384	336	384	335	335	382	333
Total sirens-tests	336	384	336	384	336	336	384	333

Indicator value 100.0% 100.0% 100.0% 100.0% 99.9% 99.9% 99.7% 99.7%

TOP

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

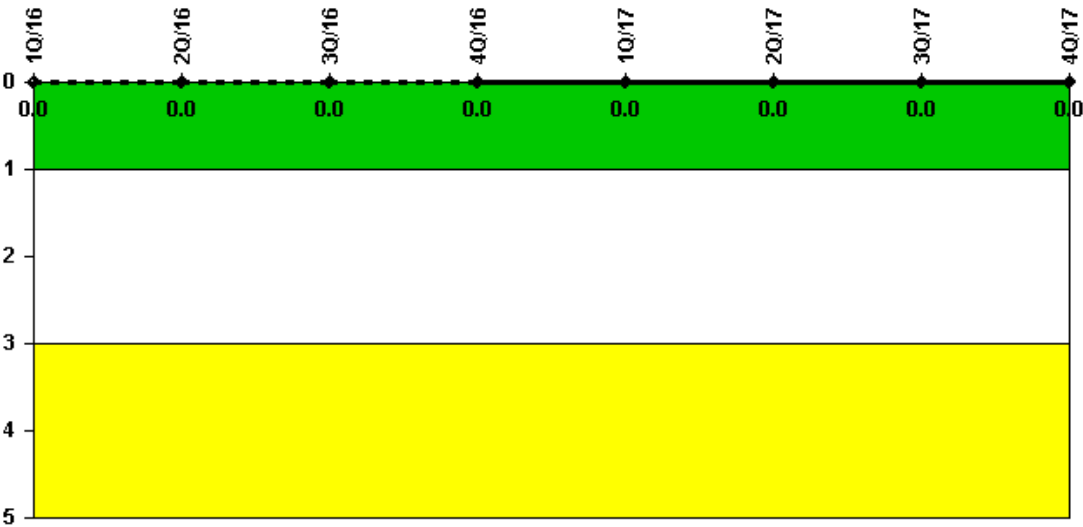
Notes

Occupational Exposure Control Effectiveness	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	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 Effluent1Q/162Q/163Q/164Q/161Q/172Q/173Q/174Q/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: February 1, 2018

Page Last Reviewed/Updated Monday, November 06, 2017