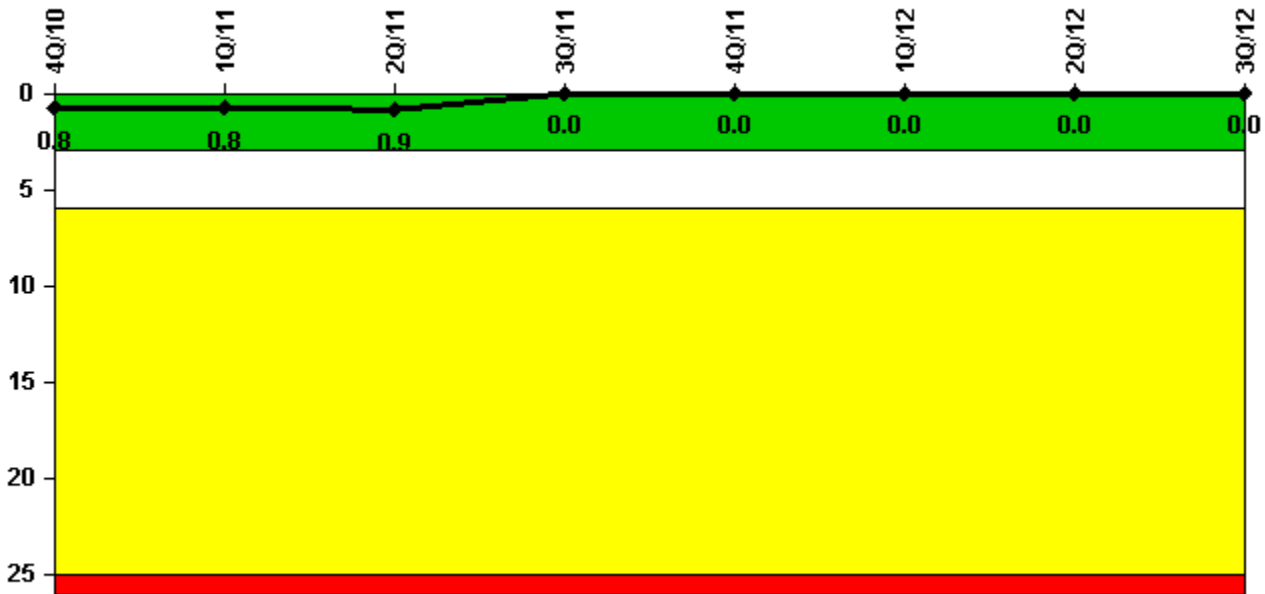


South Texas 1

3Q/2012 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



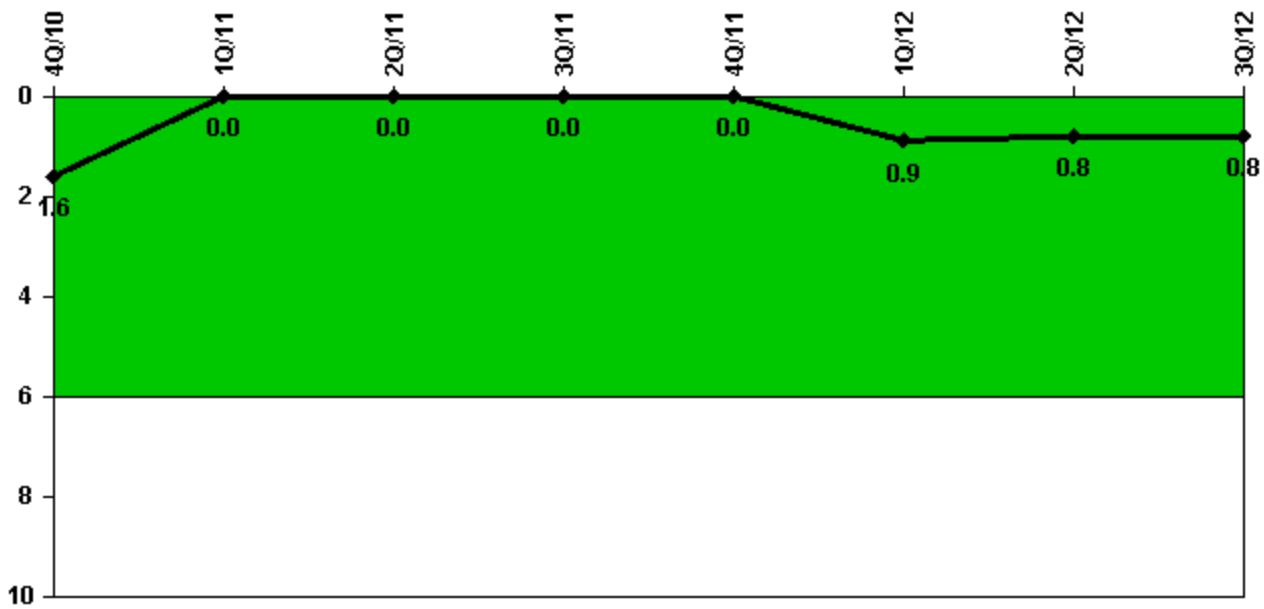
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2209.0	2159.0	1366.2	2208.0	2209.0	2183.0	2184.0	2208.0
Indicator value	0.8	0.8	0.9	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



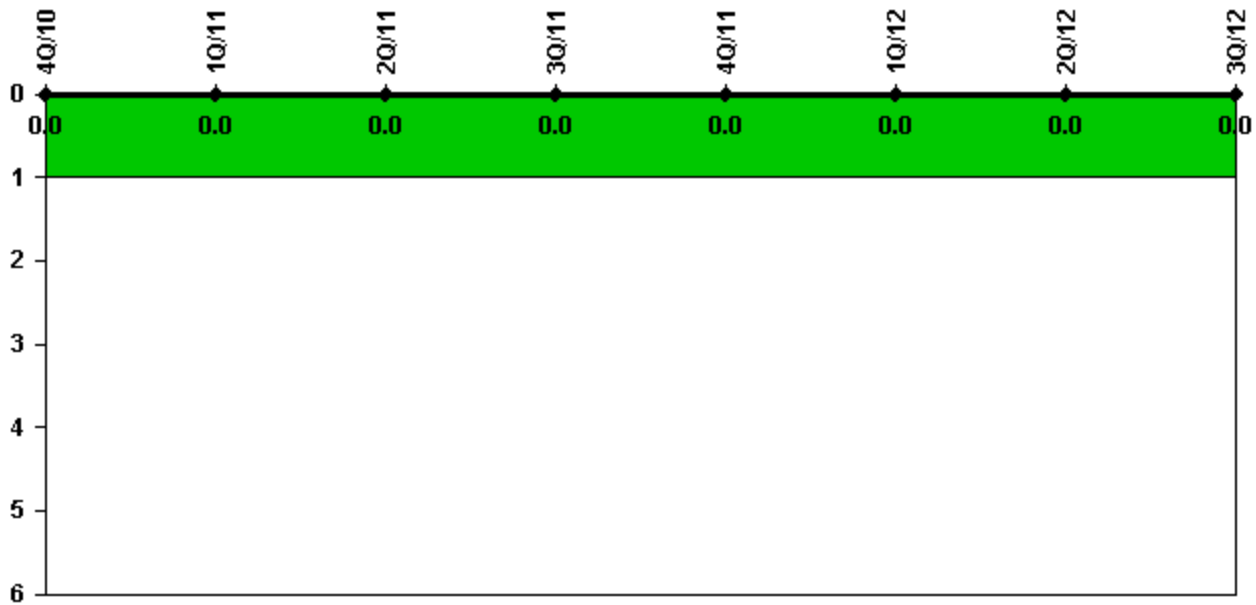
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Unplanned power changes	0	0	0	0	0	1.0	0	0
Critical hours	2209.0	2159.0	1366.2	2208.0	2209.0	2183.0	2184.0	2208.0
Indicator value	1.6	0	0	0	0	0.9	0.8	0.8

Licensee Comments: none

Unplanned Scrams with Complications



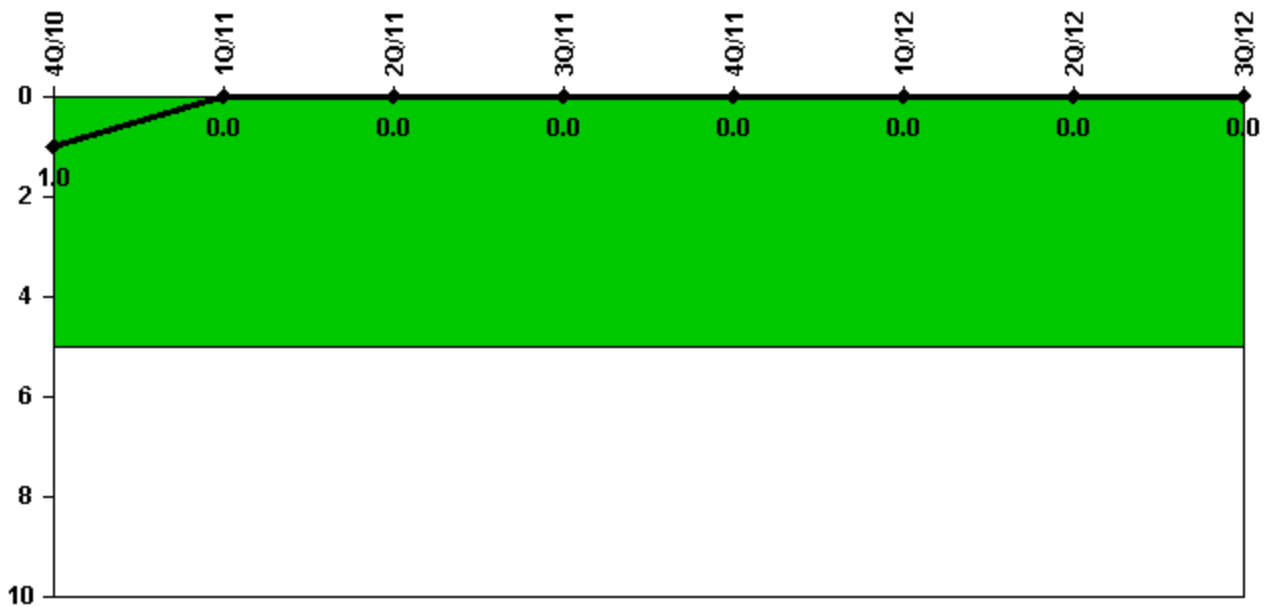
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



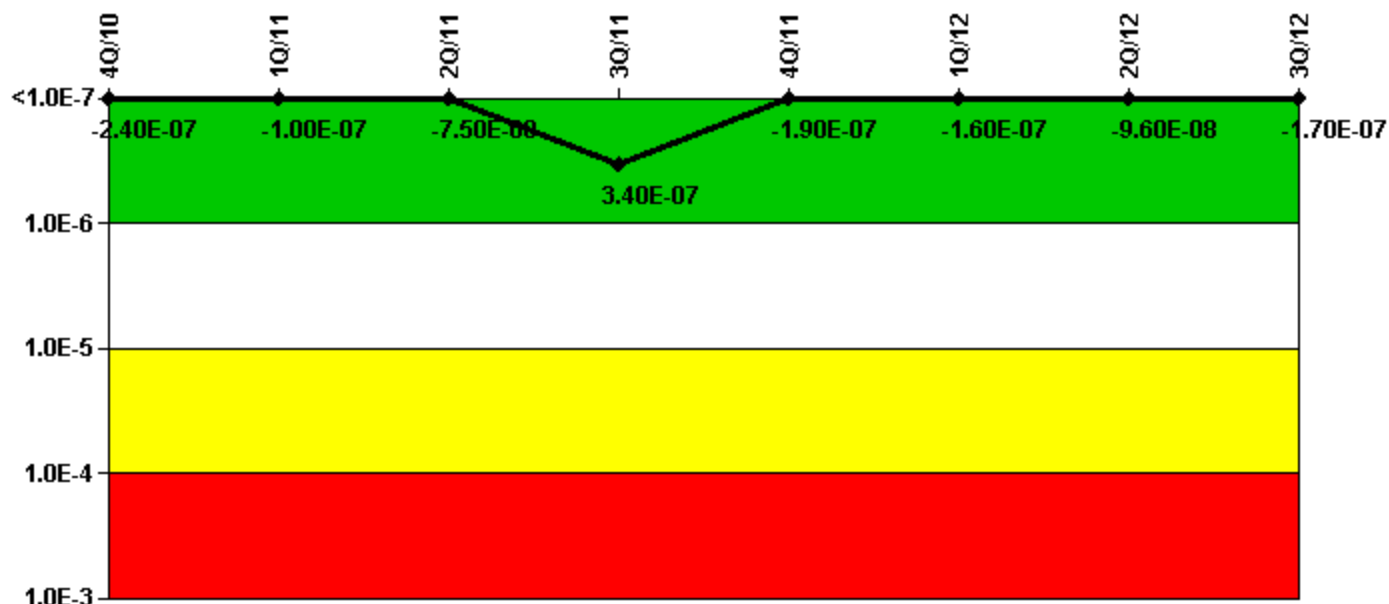
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	1	0	0	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
UAI (ΔCDF)	2.53E-07	3.92E-07	4.19E-07	7.17E-07	1.82E-07	2.12E-07	2.72E-07	1.97E-07
URI (ΔCDF)	-4.95E-07	-4.95E-07	-4.95E-07	-3.74E-07	-3.74E-07	-3.71E-07	-3.68E-07	-3.64E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.40E-07	-1.00E-07	-7.50E-08	3.40E-07	-1.90E-07	-1.60E-07	-9.60E-08	-1.70E-07

Licensee Comments:

3Q/12: The Planned UA Baseline coefficient for EDG C (DG 13 Unit 1) was updated to remove unavailable hours related to 5 year preventive maintenance. In addition, the MSPI bases document was revised to reflect this change. This change will be effective 4Q12.

1Q/12: 1Q12: Changes to the MSPI Bases Document for MSPI coefficients should have been made during 4Q11 in accordance with FAQ 480. CR 12-404 was written to ensure that FAQ 480 was implemented. The EDG estimated run hours were updated for U1 & U2 EDGs as required by FAQ and the MSPI Bases Document has now been updated.

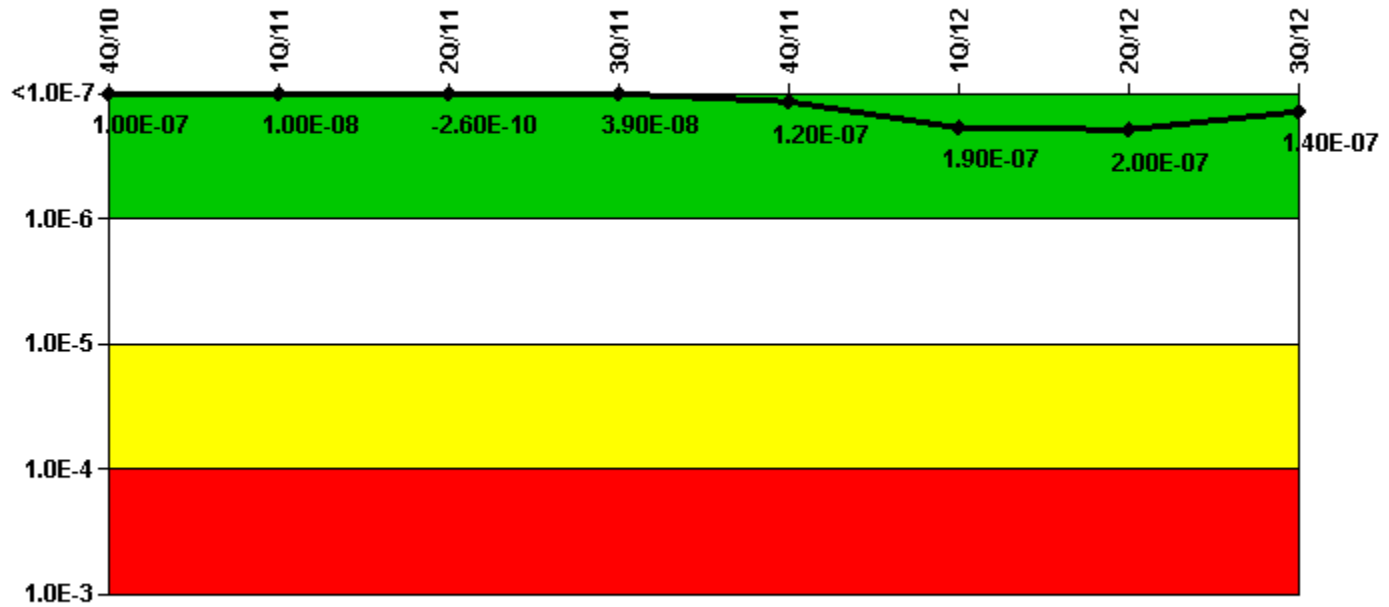
4Q/11: While no changes to the MSPI Bases Document for MSPI coefficients were made during the 4Q11, changes were required in accordance with FAQ 480. CR 12-404 was written to ensure that FAQ 480 is implemented and to update the EDG estimated run hours for Unit 1 EDGs as required by FAQ. These changes will be completed prior to submission of the 1Q12 data when the changes should be effective.

3Q/11: The Planned UA Baseline coefficient for EDG B (DG 12 Unit 1) was updated to reflect planned 5 year

preventive maintenance in January 2010. These hours had not been incorporated into the bases document/CDE database previously. Reference CR 11-542-7. The Planned UA Baseline coefficient for EDG C (DG 13 Unit 1) was updated to reflect planned 5 year preventive maintenance in November 2009. These hours had not been incorporated into the bases document/CDE database previously. Reference CR 11-542-7. These changes will be effective 4Q11.

4Q/10: Corrected September 2010 ESF non-test demands and run hours reported for Diesel B Train (CR 11-415). These corrections did not result in change of color for the PI. Planned UA Baseline and MSPI Bases Document for DG11 were updated to reflect planned ELCO/EAOT 5 year surveillance in Jan 2011.

Mitigating Systems Performance Index, High Pressure Injection System



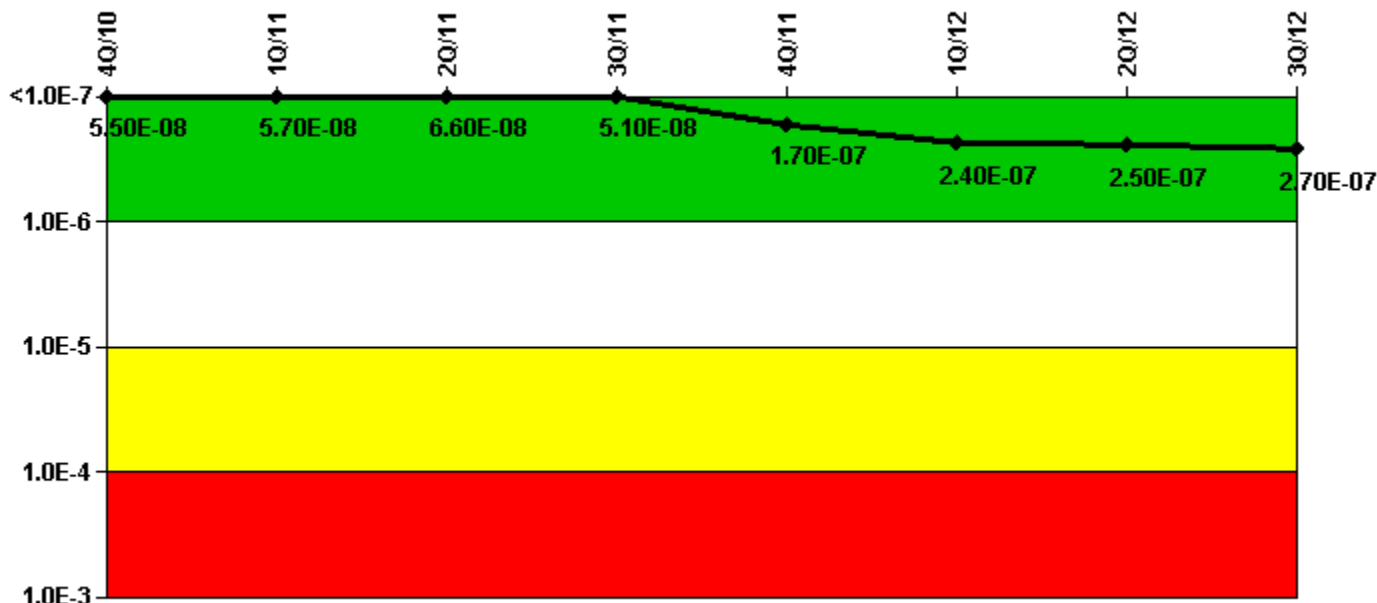
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
UAI (ΔCDF)	1.13E-07	2.18E-08	1.14E-08	5.06E-08	1.34E-07	1.97E-07	2.15E-07	1.54E-07
URI (ΔCDF)	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.00E-07	1.00E-08	-2.60E-10	3.90E-08	1.20E-07	1.90E-07	2.00E-07	1.40E-07

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



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

Notes

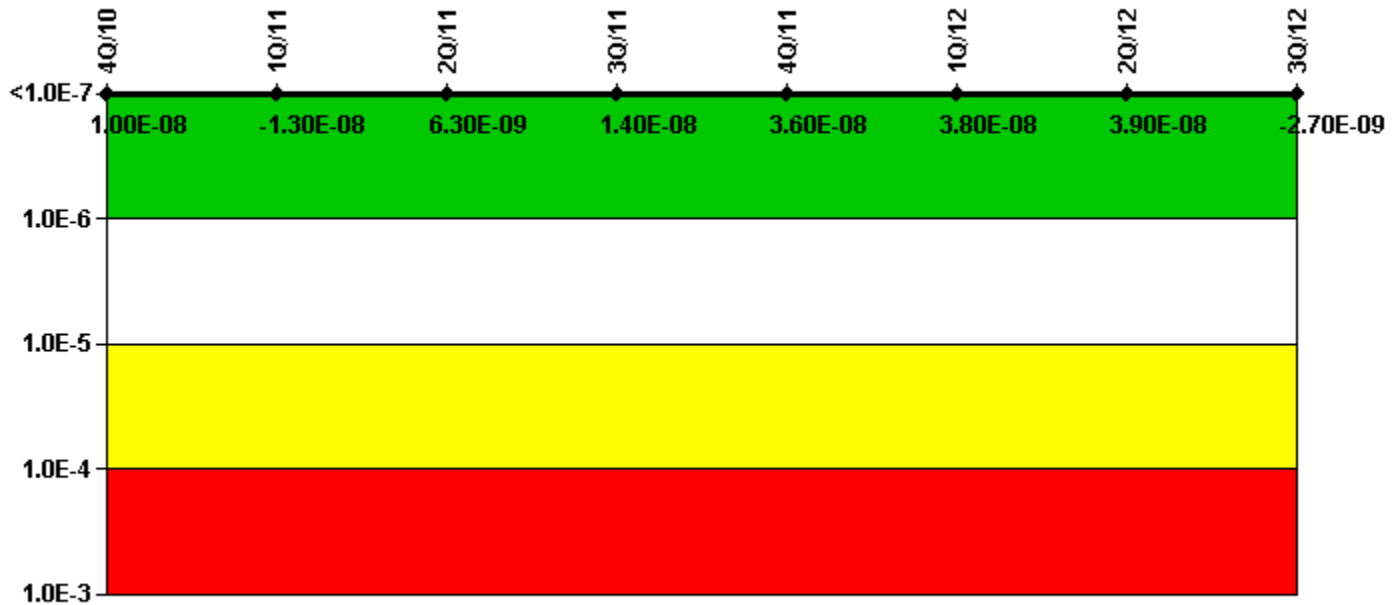
Mitigating Systems Performance Index, Heat Removal System	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
UAI (Δ CDF)	1.42E-07	1.44E-07	1.53E-07	1.37E-07	1.96E-07	2.66E-07	2.80E-07	2.92E-07
URI (Δ CDF)	-8.73E-08	-8.69E-08	-8.62E-08	-8.55E-08	-2.72E-08	-2.65E-08	-2.57E-08	-2.49E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	5.50E-08	5.70E-08	6.60E-08	5.10E-08	1.70E-07	2.40E-07	2.50E-07	2.70E-07

Licensee Comments:

4Q/11: October - Unit 1 AFW-C MOV-85 failure documented under SCAQ CR 11-19073.

4Q/10: Corrected September 2010 ESF non-test demands and run hours reported for Heat Removal System for B Train (CR 11-415). These corrections did not result in change of color for the PI.

Mitigating Systems Performance Index, Residual Heat Removal System



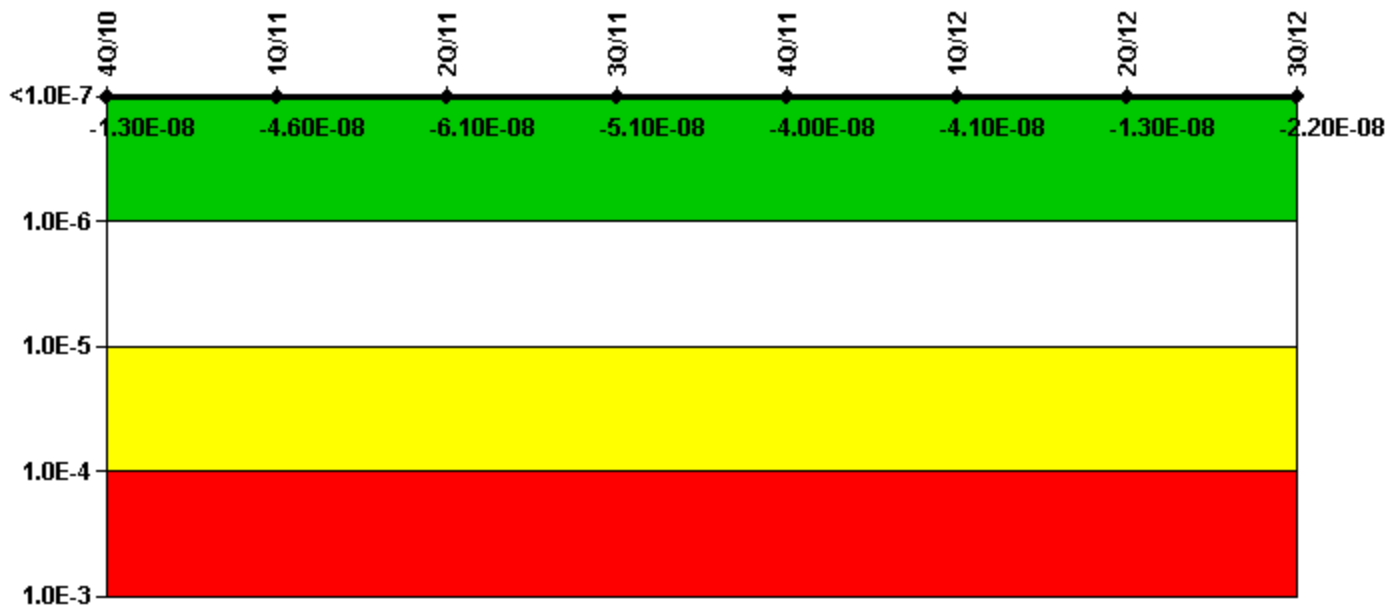
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
UAI (Δ CDF)	1.27E-08	-1.03E-08	8.51E-09	1.59E-08	3.86E-08	3.99E-08	4.14E-08	-4.21E-10
URI (Δ CDF)	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.00E-08	-1.30E-08	6.30E-09	1.40E-08	3.60E-08	3.80E-08	3.90E-08	-2.70E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



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

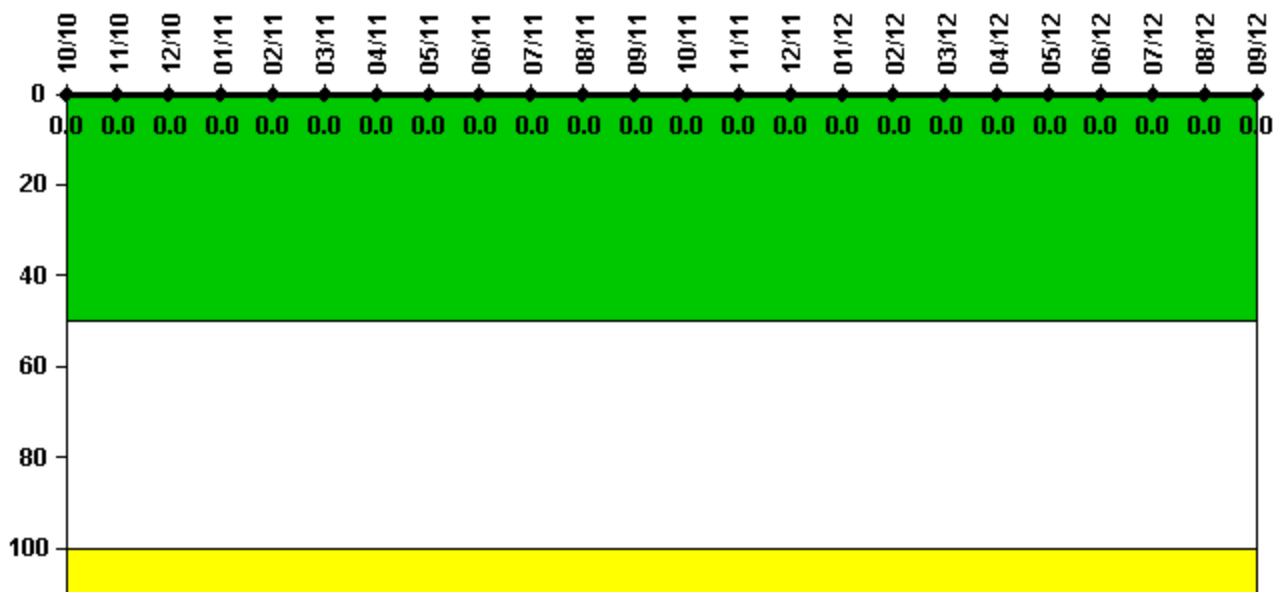
Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
UAI (Δ CDF)	2.61E-08	-5.98E-09	-2.16E-08	-1.11E-08	3.37E-11	-1.71E-09	2.63E-08	1.73E-08
URI (Δ CDF)	-3.96E-08	-3.96E-08	-3.96E-08	-3.96E-08	-3.96E-08	-3.96E-08	-3.96E-08	-3.96E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.30E-08	-4.60E-08	-6.10E-08	-5.10E-08	-4.00E-08	-4.10E-08	-1.30E-08	-2.20E-08

Licensee Comments:

4Q/10: Corrected September 2010 ESF non-test demands and run hours reported for Cooling Water B Train (CR 11-415). These corrections did not result in change of color for the PI.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

Notes

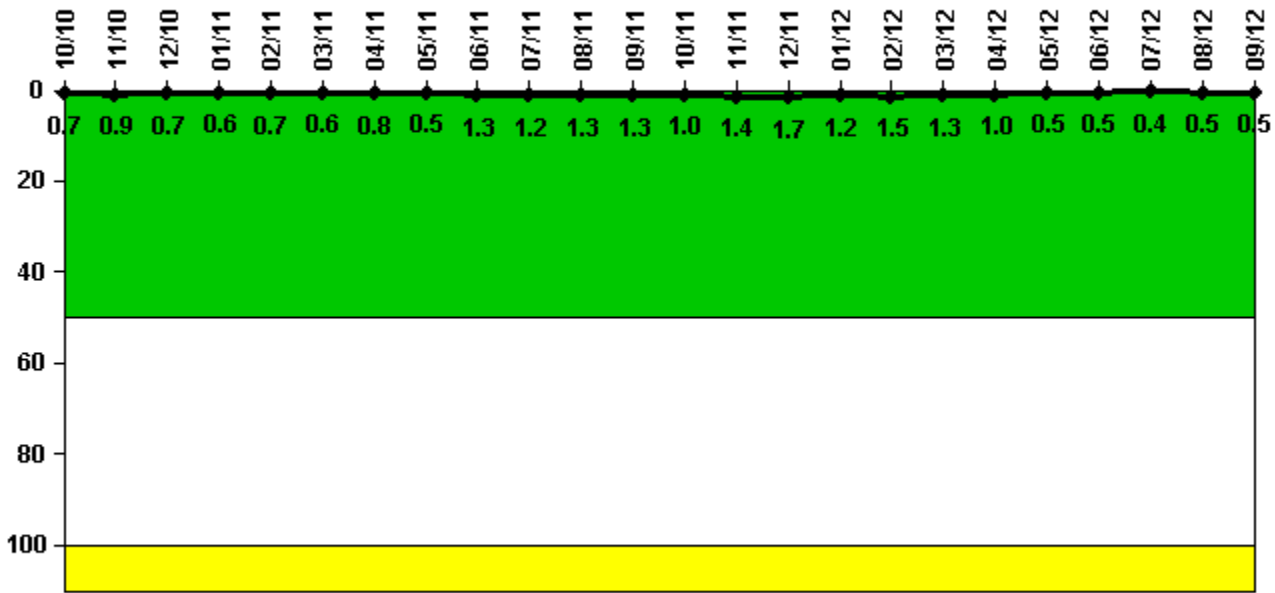
Reactor Coolant System Activity	10/10	11/10	12/10	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11
Maximum activity	0.000063	0.000073	0.000077	0.000073	0.000071	0.000072	0	0.000042	0.000042	0.000045	0.000044	0.000050
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	10/11	11/11	12/11	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12
Maximum activity	0.000051	0.000053	0.000057	0.000057	0.000060	0.000057	0.000064	0.000065	0.000057	0.000061	0.000060	0.000065
Technical specification limit	1.0	1.0	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:

6/11: No steady state at power DEI-131 obtained in April 2011 due to shutdown for Refueling Outage.

Reactor Coolant System Leakage



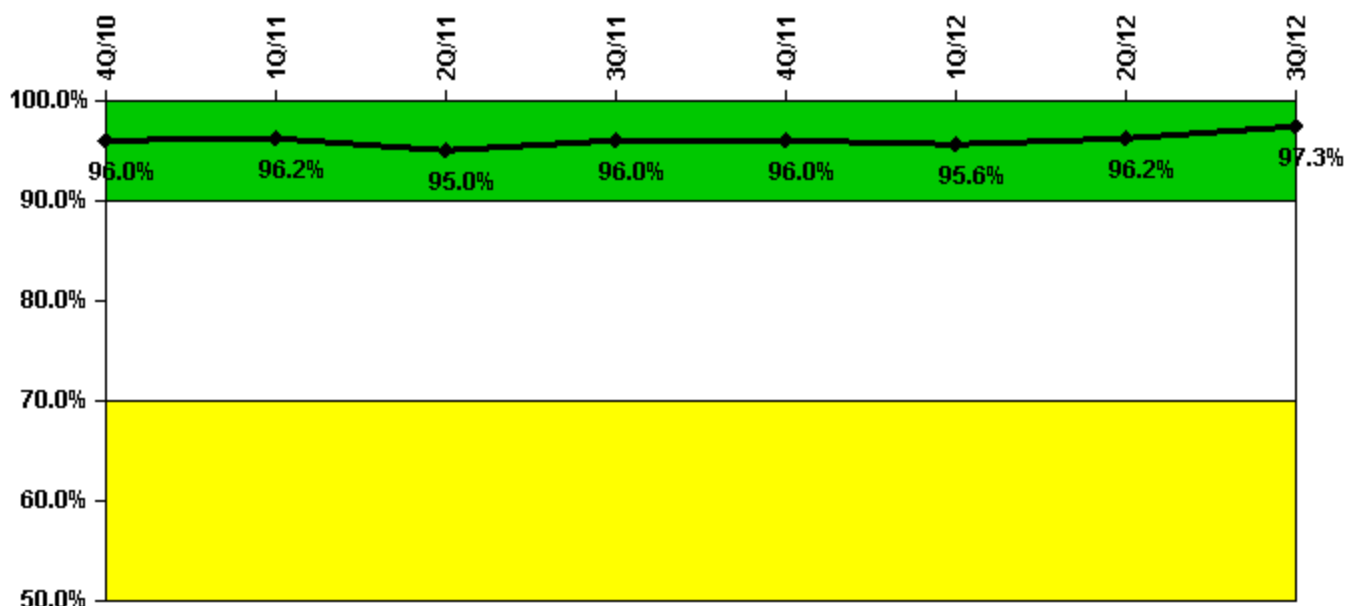
Thresholds: White > 50.0 Yellow > 100.0

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	0.066	0.091	0.065	0.063	0.067	0.055	0.078	0.052	0.133	0.118	0.126	0.134
Technical specification limit	10.0	10.0	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	0.6	0.7	0.6	0.8	0.5	1.3	1.2	1.3	1.3
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	0.104	0.135	0.167	0.123	0.149	0.133	0.101	0.048	0.049	0.042	0.047	0.048
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.0	1.4	1.7	1.2	1.5	1.3	1.0	0.5	0.5	0.4	0.5	0.5

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

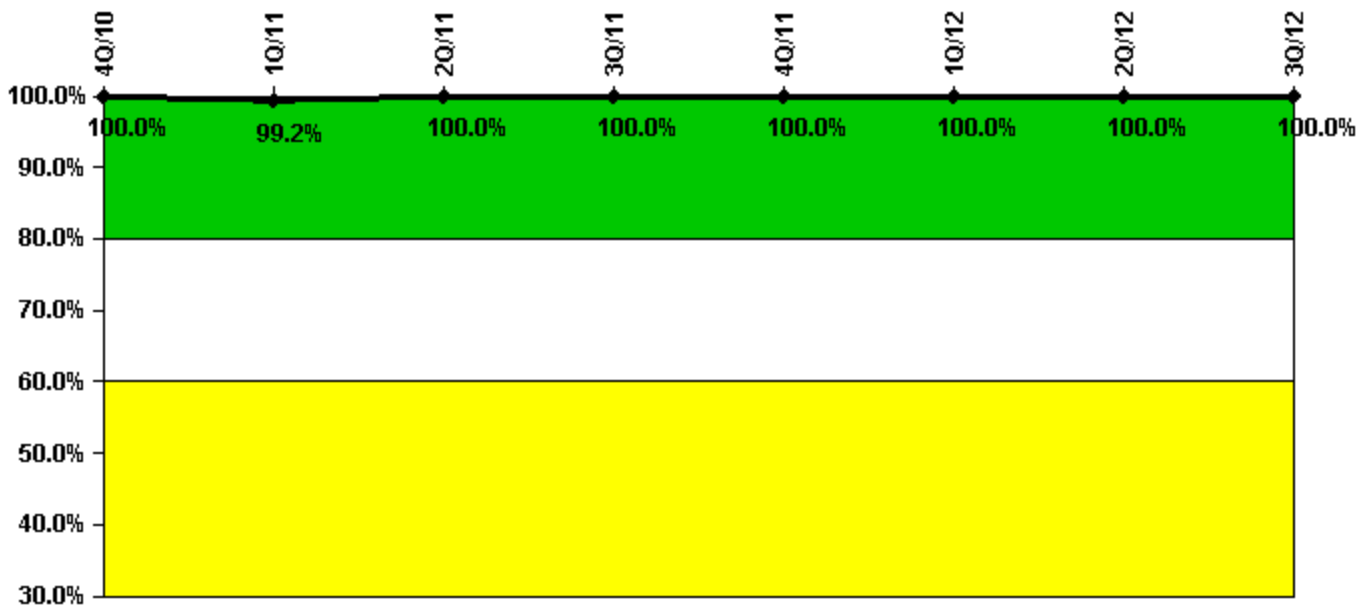
Drill/Exercise Performance	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Successful opportunities	110.0	14.0	10.0	99.0	0	16.0	12.0	67.0
Total opportunities	113.0	14.0	10.0	101.0	0	19.0	12.0	68.0
Indicator value	96.0%	96.2%	95.0%	96.0%	96.0%	95.6%	96.2%	97.3%

Licensee Comments:

2Q/12: Revised 3Q11 DEP after NRC Inspection of raw data, removed 1 PAR & 2 Classification Opportunities. Previous DEP reported as 102 successes of 104 opportunities. (CR 12-21362). This did not affect the color of the indicator.

3Q/11: 3Q11 revised DEP after NRC Inspection of raw data, removed 1 PAR & 2 Classification Opportunities. Previous DEP reported as 102 successes of 104 opportunities.

ERO Drill Participation



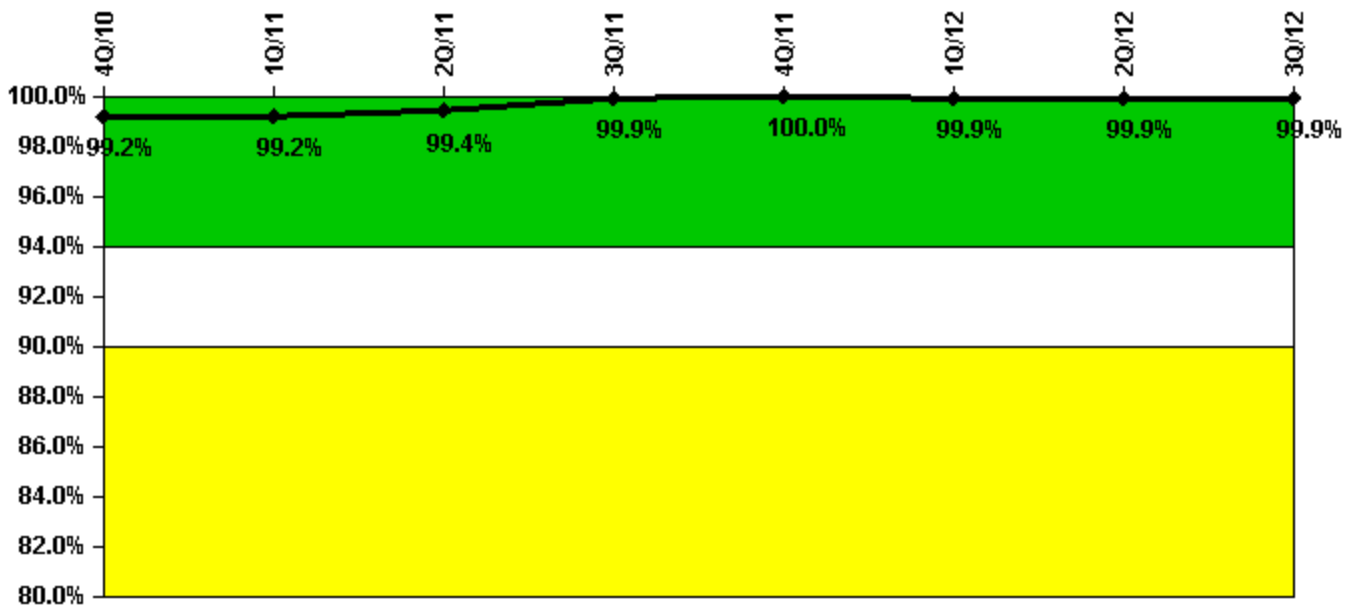
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Participating Key personnel	126.0	125.0	125.0	138.0	135.0	121.0	122.0	122.0
Total Key personnel	126.0	126.0	125.0	138.0	135.0	121.0	122.0	122.0
Indicator value	100.0%	99.2%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



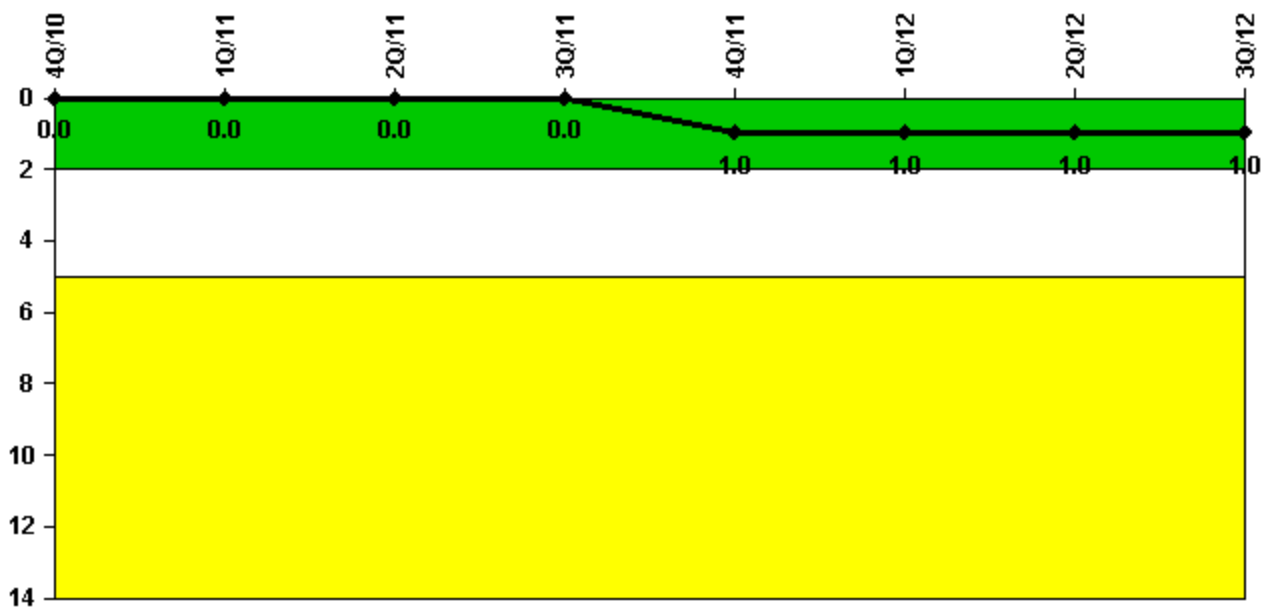
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Successful siren-tests	223	256	224	256	256	255	256	256
Total sirens-tests	224	256	224	256	256	256	256	256
Indicator value	99.2%	99.2%	99.4%	99.9%	100.0%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



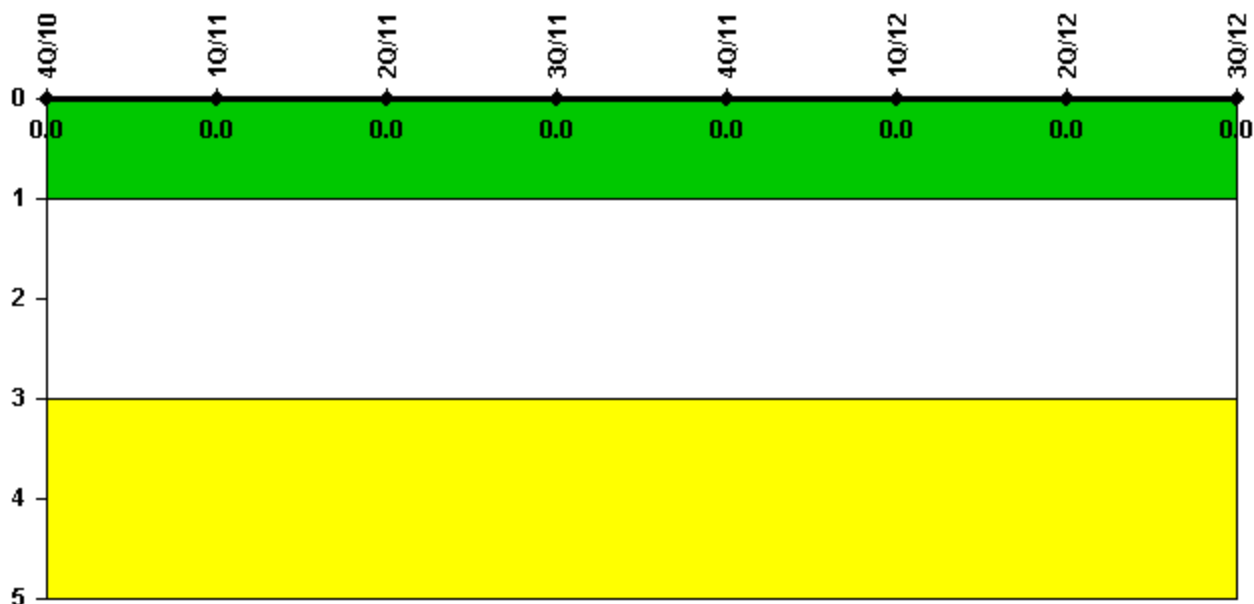
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	1	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/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