

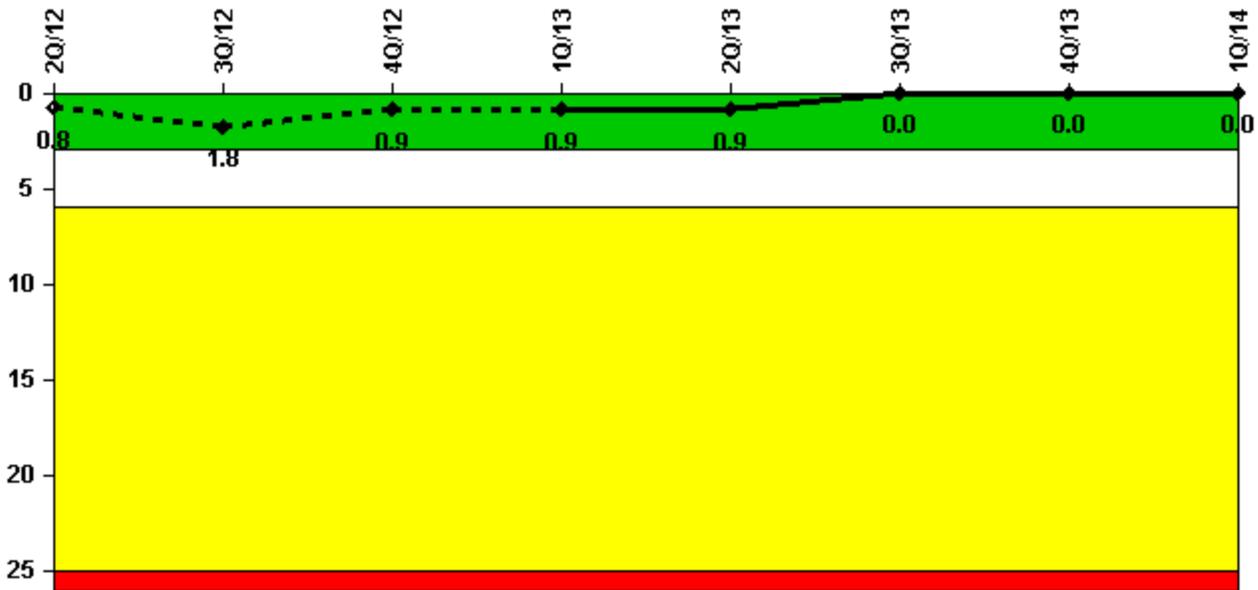
Seabrook 1

1Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



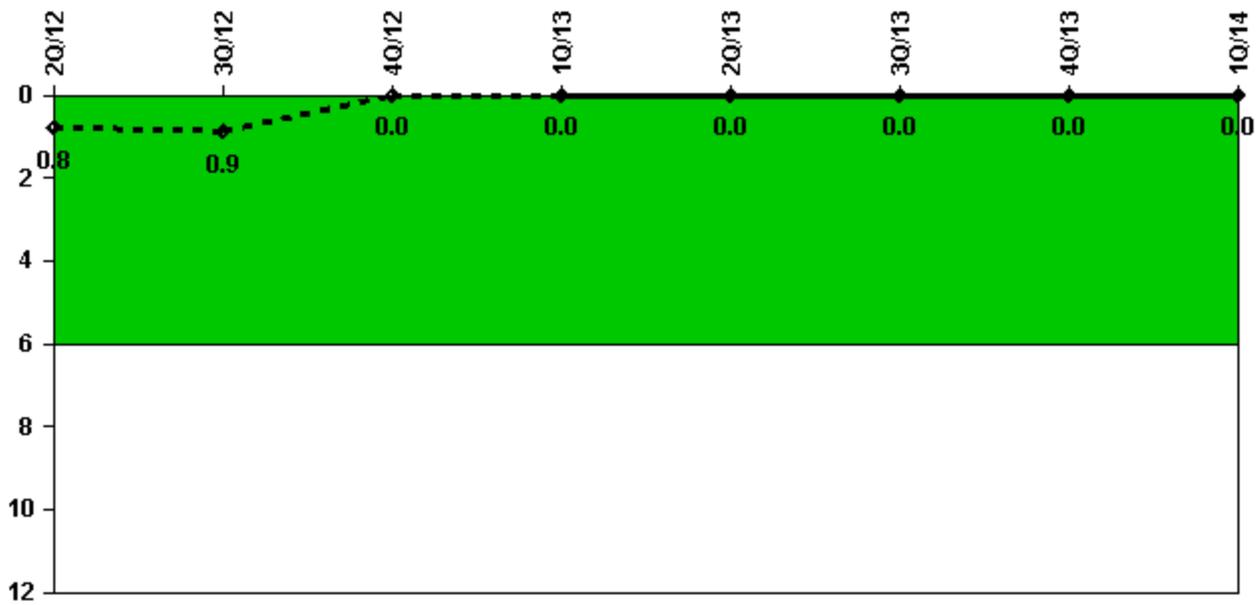
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0	0	0	0
Critical hours	2184.0	1820.4	1523.9	2159.0	2184.0	2208.0	2209.0	2159.0
Indicator value	0.8	1.8	0.9	0.9	0.9	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



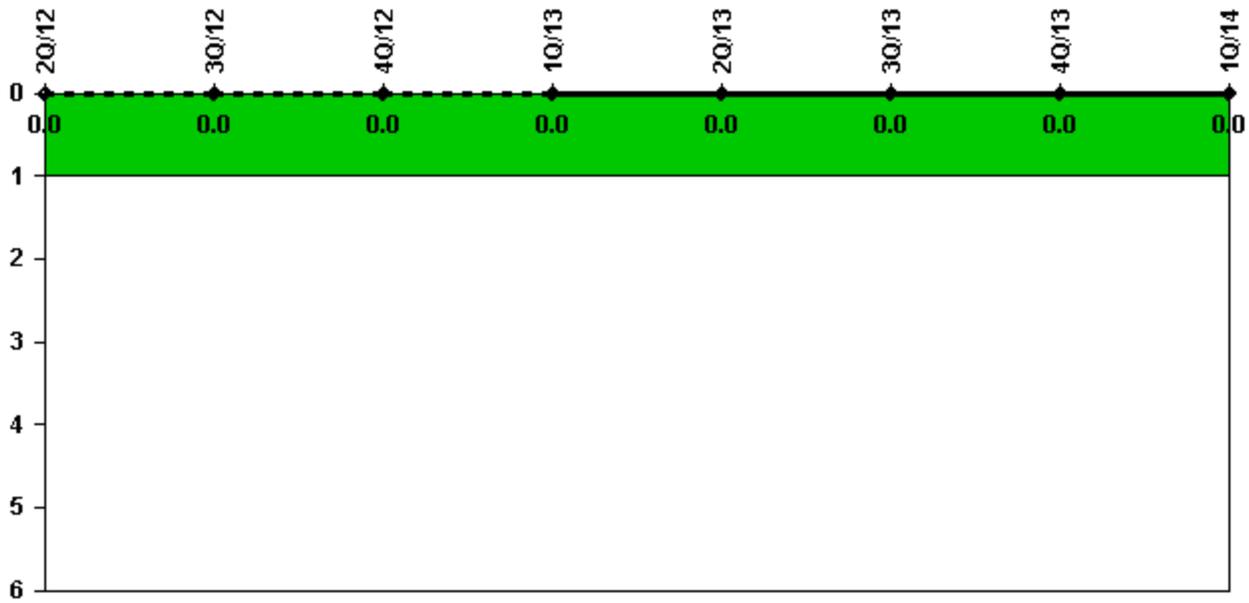
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	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	1820.4	1523.9	2159.0	2184.0	2208.0	2209.0	2159.0
Indicator value	0.8	0.9	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



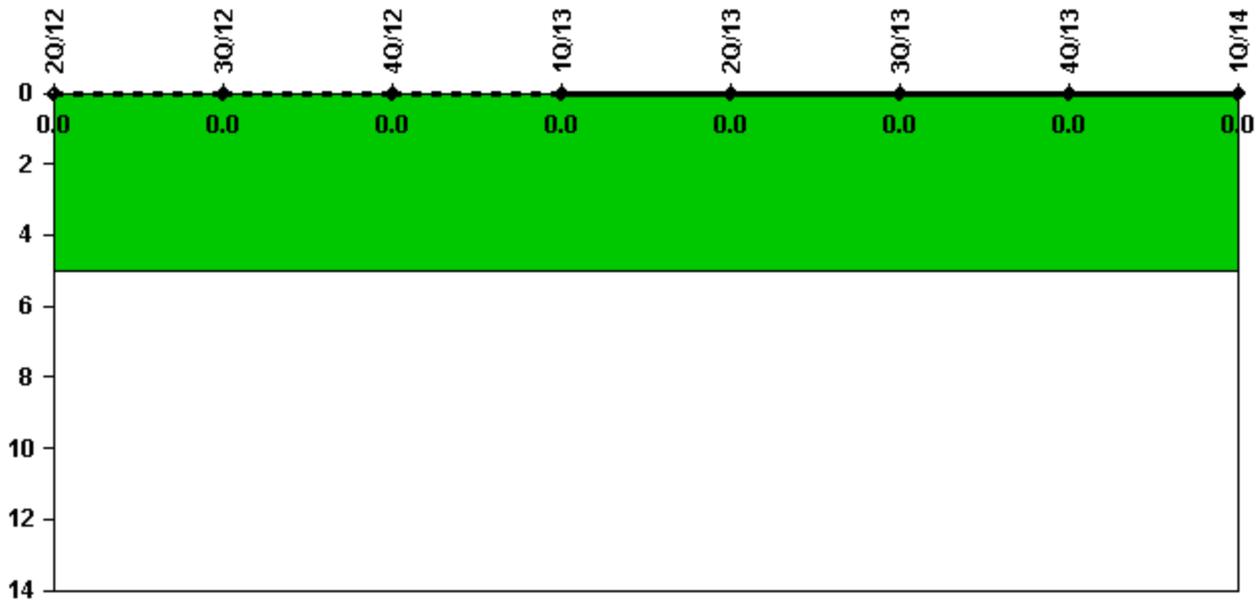
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0							

Licensee Comments: none

Safety System Functional Failures (PWR)



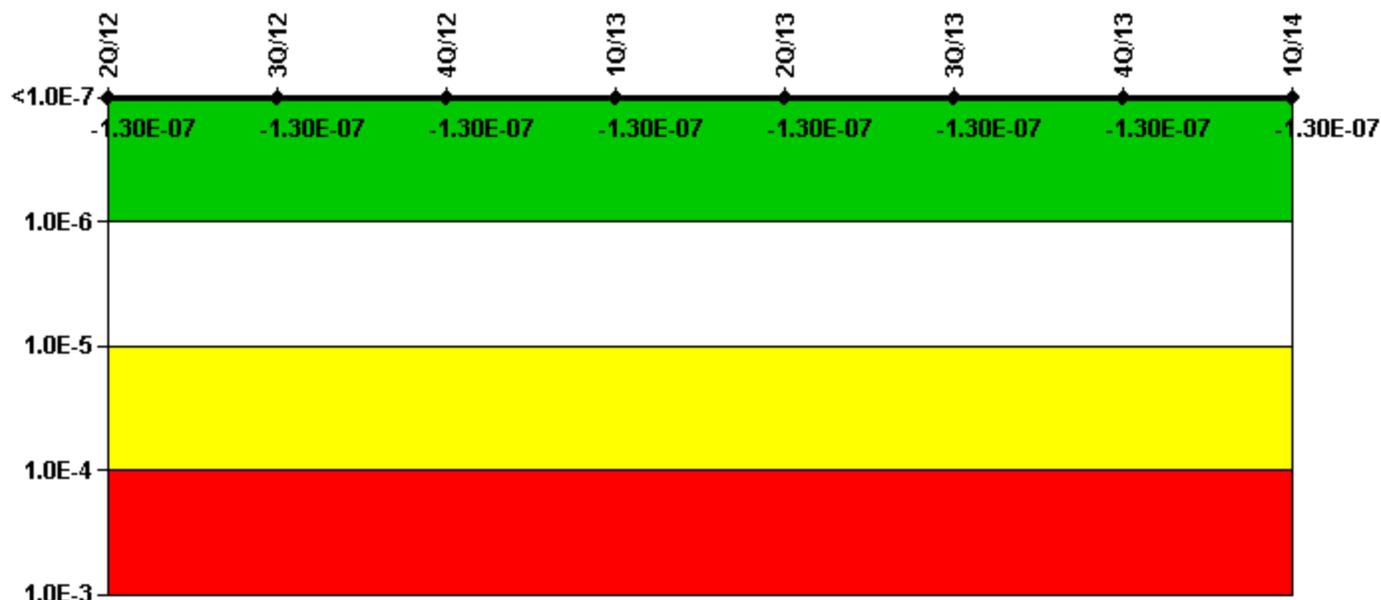
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	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

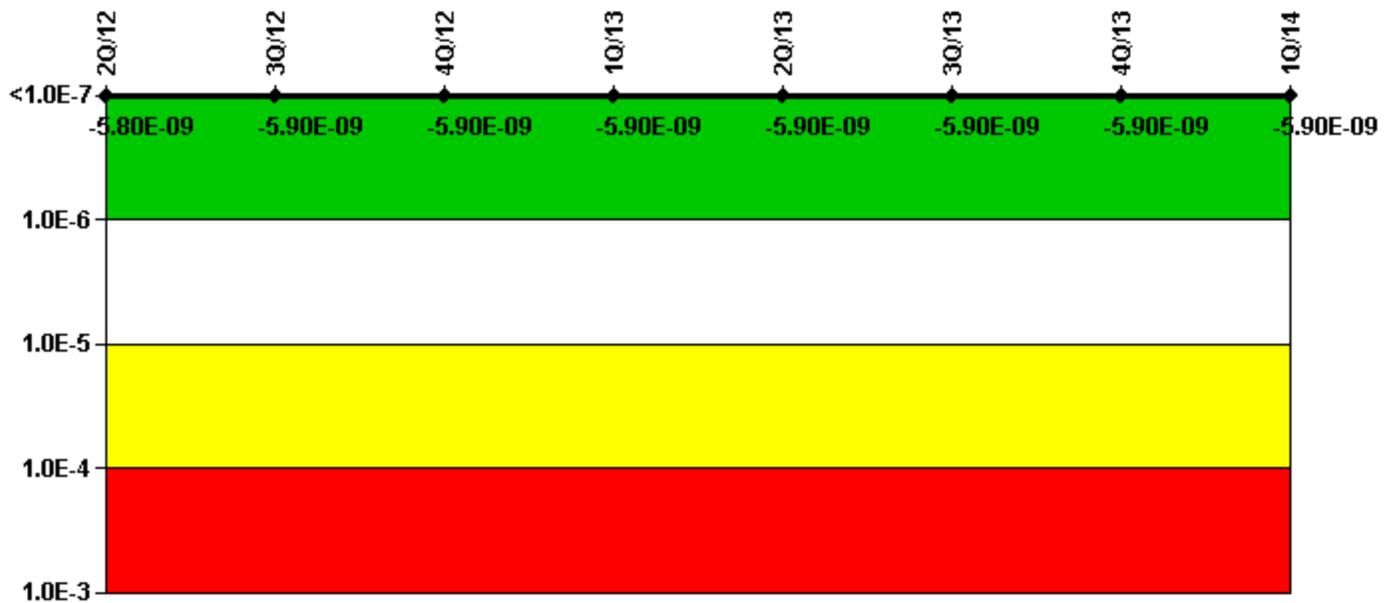
Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
UAI (Δ CDF)	-3.32E-08							
URI (Δ CDF)	-9.77E-08	-9.83E-08	-9.72E-08	-9.53E-08	-9.85E-08	-9.81E-08	-9.66E-08	-9.74E-08
PLE	NO							
Indicator value	-1.30E-07							

Licensee Comments:

2Q/12: FAQ 10-06, which provides clarification on the guidance for what constitutes cascading became effective in April 2012 and has been incorporated into the basis document which was revised in December 2011. There were no 2Q12 PRA changes as a result of this FAQ.

Mitigating Systems Performance Index, High Pressure Injection System



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

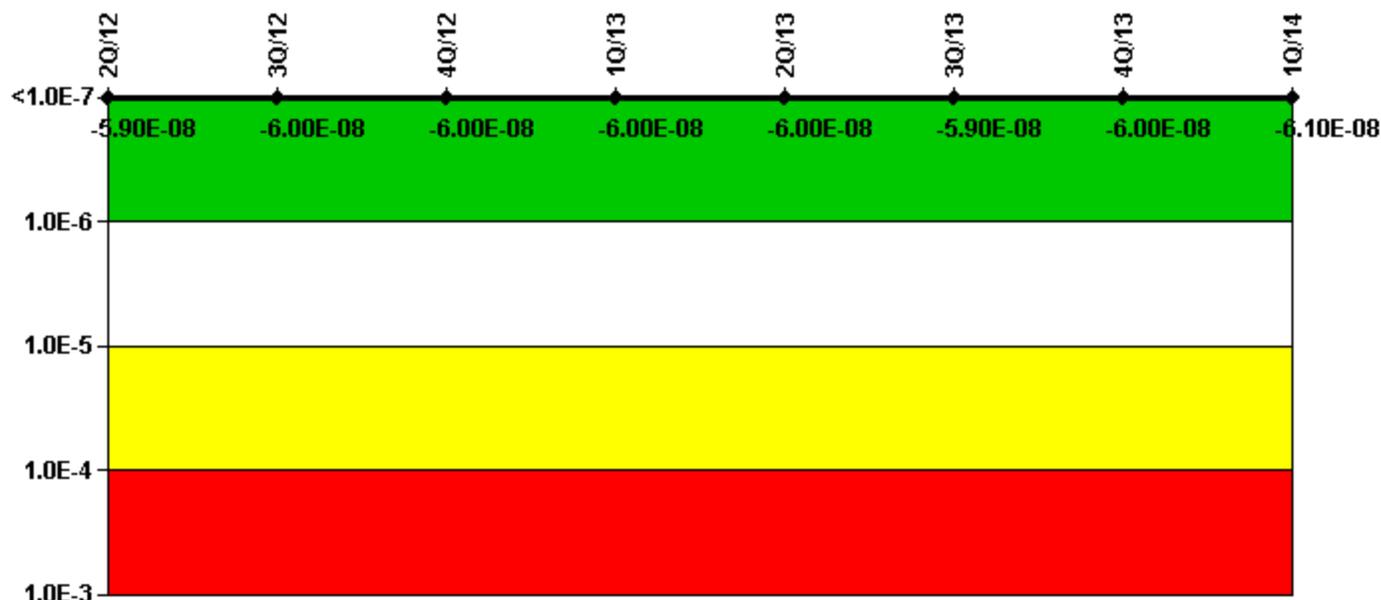
Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
UAI (Δ CDF)	-3.13E-09							
URI (Δ CDF)	-2.68E-09	-2.81E-09	-2.79E-09	-2.80E-09	-2.78E-09	-2.78E-09	-2.79E-09	-2.78E-09
PLE	NO							
Indicator value	-5.80E-09	-5.90E-09						

Licensee Comments:

2Q/12: FAQ 10-06, which provides clarification on the guidance for what constitutes cascading became effective in April 2012 and has been incorporated into the basis document which was revised in December 2011. There were no 2Q12 PRA changes as a result of this FAQ.

Mitigating Systems Performance Index, Heat Removal System



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

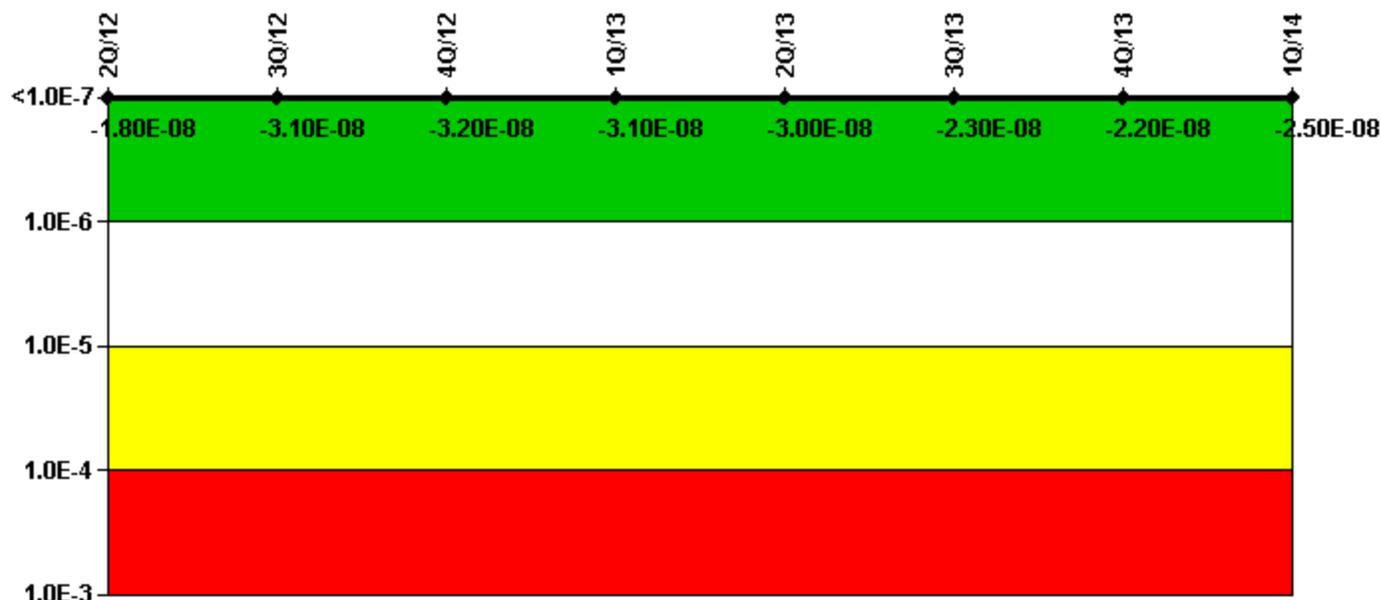
Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
UAI (Δ CDF)	-2.02E-08	-1.98E-08	-2.02E-08	-2.02E-08	-2.02E-08	-1.89E-08	-2.02E-08	-2.02E-08
URI (Δ CDF)	-3.88E-08	-4.01E-08	-3.99E-08	-3.99E-08	-3.98E-08	-3.98E-08	-3.98E-08	-4.09E-08
PLE	NO							
Indicator value	-5.90E-08	-6.00E-08	-6.00E-08	-6.00E-08	-6.00E-08	-5.90E-08	-6.00E-08	-6.10E-08

Licensee Comments:

2Q/12: FAQ 10-06, which provides clarification on the guidance for what constitutes cascading became effective in April 2012 and has been incorporated into the basis document which was revised in December 2011. There were no 2Q12 PRA changes as a result of this FAQ.

Mitigating Systems Performance Index, Residual Heat Removal System



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

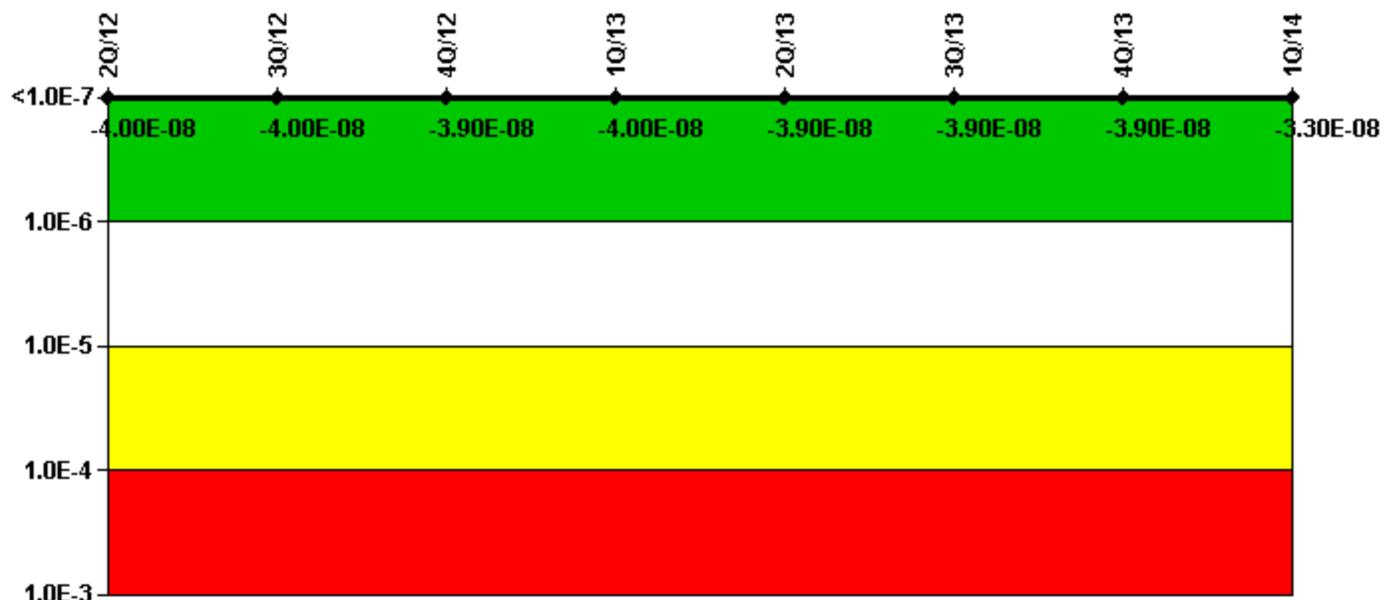
Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
UAI (Δ CDF)	9.98E-09	-1.80E-09	-3.09E-09	-2.11E-09	-1.78E-09	5.71E-09	6.20E-09	3.53E-09
URI (Δ CDF)	-2.78E-08	-2.93E-08	-2.85E-08	-2.85E-08	-2.84E-08	-2.83E-08	-2.82E-08	-2.82E-08
PLE	NO							
Indicator value	-1.80E-08	-3.10E-08	-3.20E-08	-3.10E-08	-3.00E-08	-2.30E-08	-2.20E-08	-2.50E-08

Licensee Comments:

2Q/12: FAQ 10-06, which provides clarification on the guidance for what constitutes cascading became effective in April 2012 and has been incorporated into the basis document which was revised in December 2011. There were no 2Q12 PRA changes as a result of this FAQ.

Mitigating Systems Performance Index, Cooling Water Systems



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

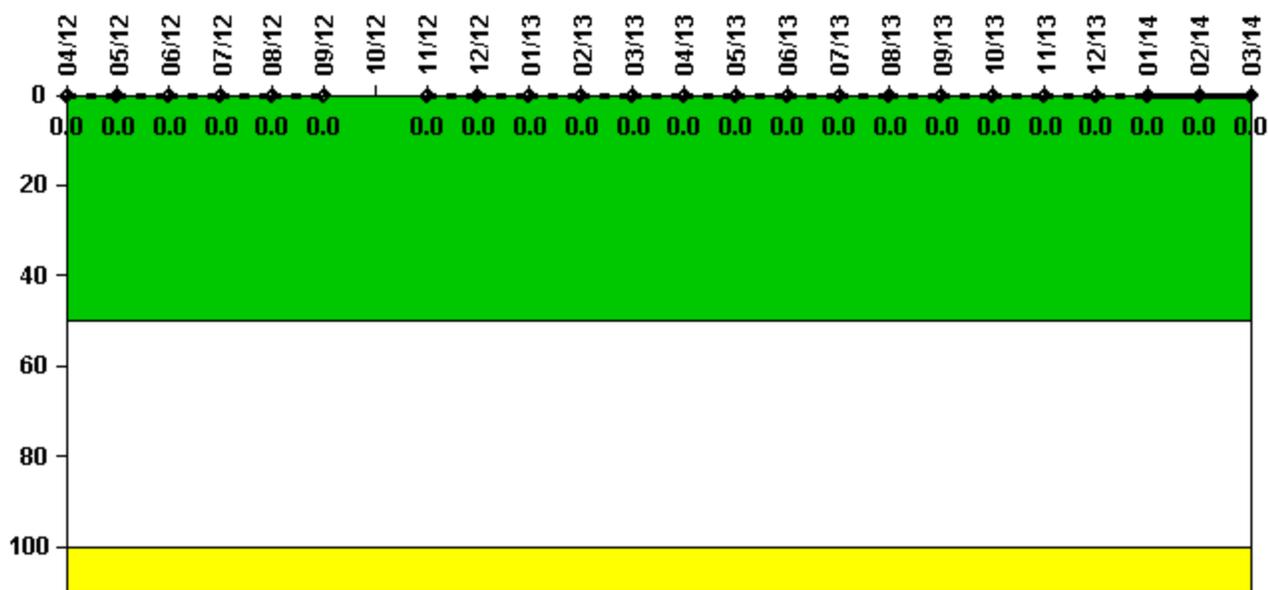
Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
UAI (Δ CDF)	3.54E-10	3.60E-10	3.52E-10	-1.93E-14	-1.93E-14	-1.93E-14	-1.93E-14	-1.93E-14
URI (Δ CDF)	-4.03E-08	-4.04E-08	-3.97E-08	-3.97E-08	-3.95E-08	-3.94E-08	-3.94E-08	-3.31E-08
PLE	NO							
Indicator value	-4.00E-08	-4.00E-08	-3.90E-08	-4.00E-08	-3.90E-08	-3.90E-08	-3.90E-08	-3.30E-08

Licensee Comments:

2Q/12: FAQ 10-06, which provides clarification on the guidance for what constitutes cascading became effective in April 2012 and has been incorporated into the basis document which was revised in December 2011. There were no 2Q12 PRA changes as a result of this FAQ.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

Notes

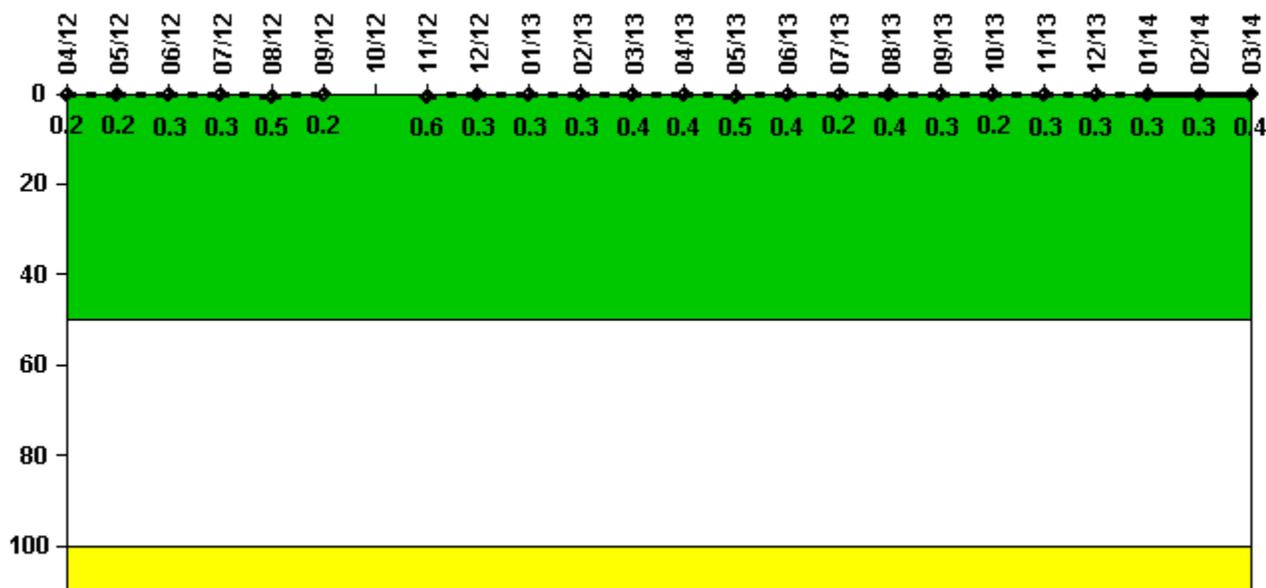
Reactor Coolant System Activity	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	12/12	1/13	2/13	3/13
Maximum activity	0.000056	0.000060	0.000056	0.000062	0.000080	0.000059	N/A	0.000039	0.000062	0.000045	0.000045	0.000052
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	N/A	0	0	0	0	0

Reactor Coolant System Activity	4/13	5/13	6/13	7/13	8/13	9/13	10/13	11/13	12/13	1/14	2/14	3/14
Maximum activity	0.000062	0.000047	0.000064	0.000055	0.000067	0.000056	0.000060	0.000063	0.000064	0.000065	0.000068	0.000094
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments:

12/12: Reactor Coolant System Activity data was unavailable for the month of October as the unit was shutdown for refueling and RCS activity was not required to be calculated.

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

Notes

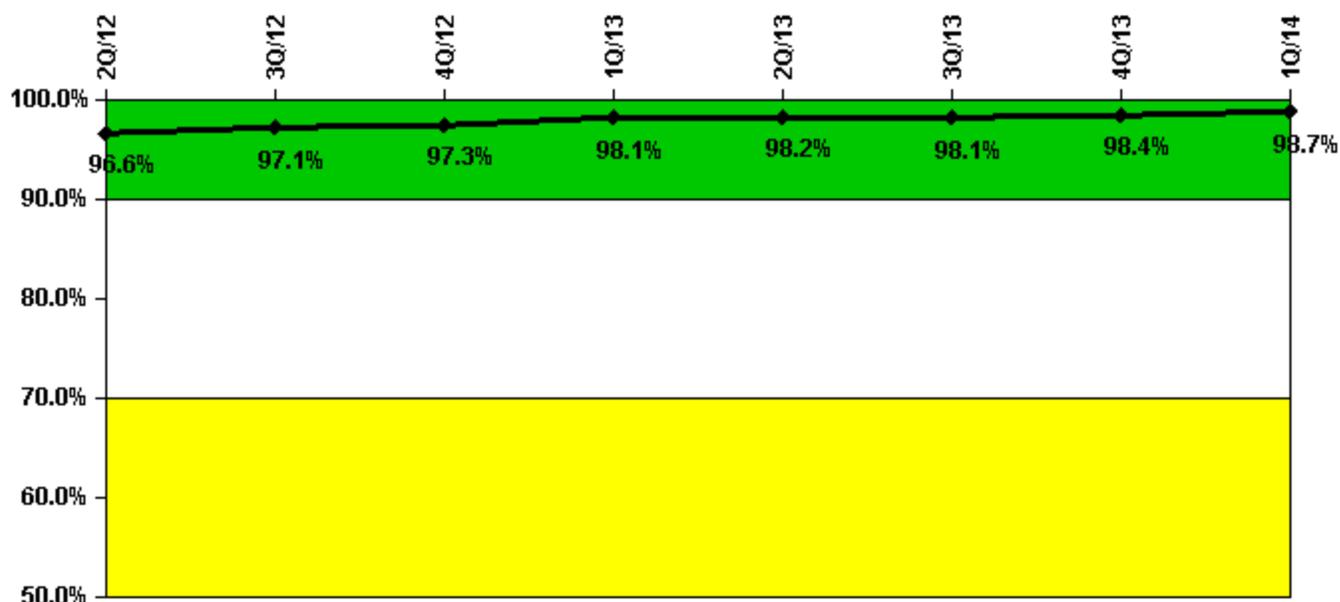
Reactor Coolant System Leakage	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	12/12	1/13	2/13	3/13
Maximum leakage	0.022	0.024	0.025	0.028	0.047	0.021	N/A	0.056	0.029	0.027	0.029	0.039
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.2	0.3	0.3	0.5	0.2	N/A	0.6	0.3	0.3	0.3	0.4

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	0.040	0.045	0.035	0.024	0.043	0.034	0.024	0.033	0.032	0.026	0.026	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	0.5	0.4	0.2	0.4	0.3	0.2	0.3	0.3	0.3	0.3	0.4

Licensee Comments:

12/12: Reactor Coolant Identified Leak Rate data was unavailable for the month of October as the unit was shutdown for refueling and RCS leakage was not required to be calculated.

Drill/Exercise Performance



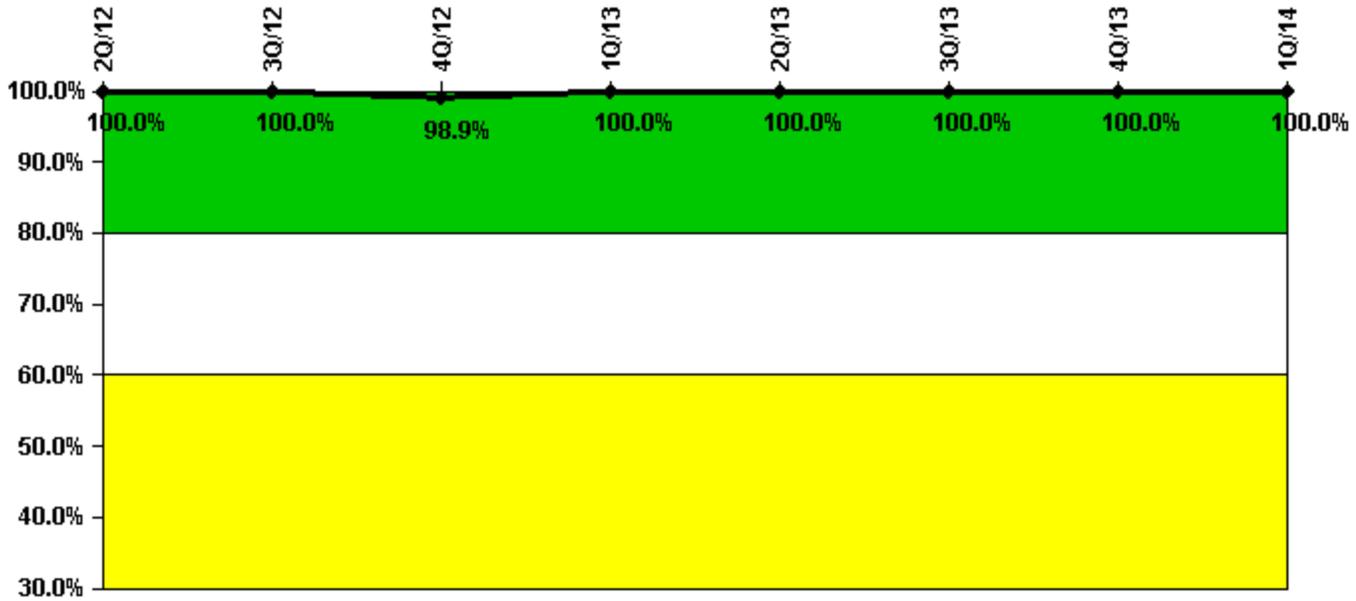
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Successful opportunities	29.0	22.0	36.0	29.0	27.0	16.0	44.0	17.0
Total opportunities	31.0	22.0	36.0	29.0	27.0	17.0	44.0	17.0
Indicator value	96.6%	97.1%	97.3%	98.1%	98.2%	98.1%	98.4%	98.7%

Licensee Comments: none

ERO Drill Participation



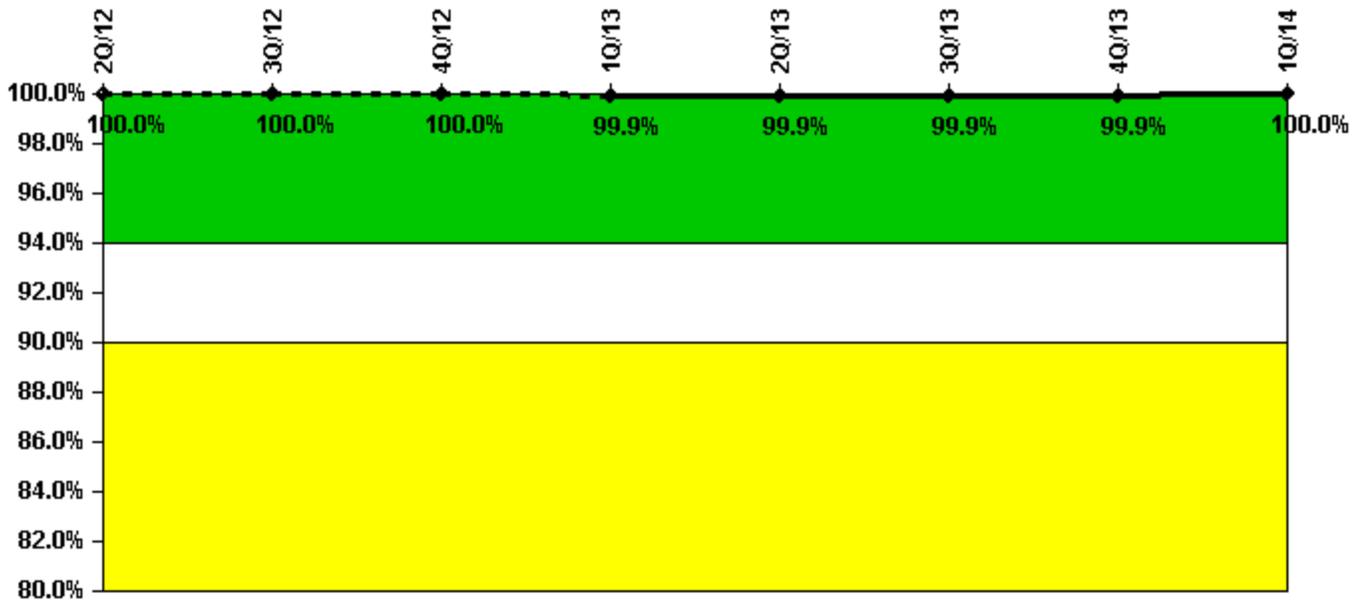
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Participating Key personnel	94.0	94.0	89.0	91.0	94.0	95.0	94.0	92.0
Total Key personnel	94.0	94.0	90.0	91.0	94.0	95.0	94.0	92.0
Indicator value	100.0%	100.0%	98.9%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



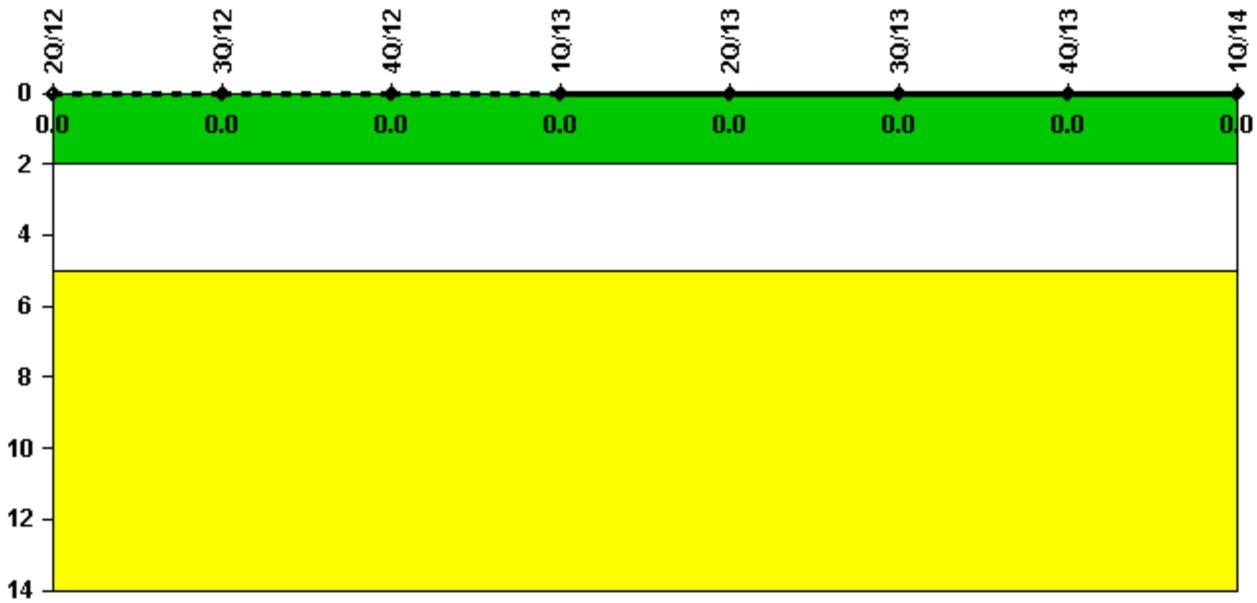
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Successful siren-tests	847	726	846	724	847	726	847	726
Total sirens-tests	847	726	847	726	847	726	847	726
Indicator value	100.0%	100.0%	100.0%	99.9%	99.9%	99.9%	99.9%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



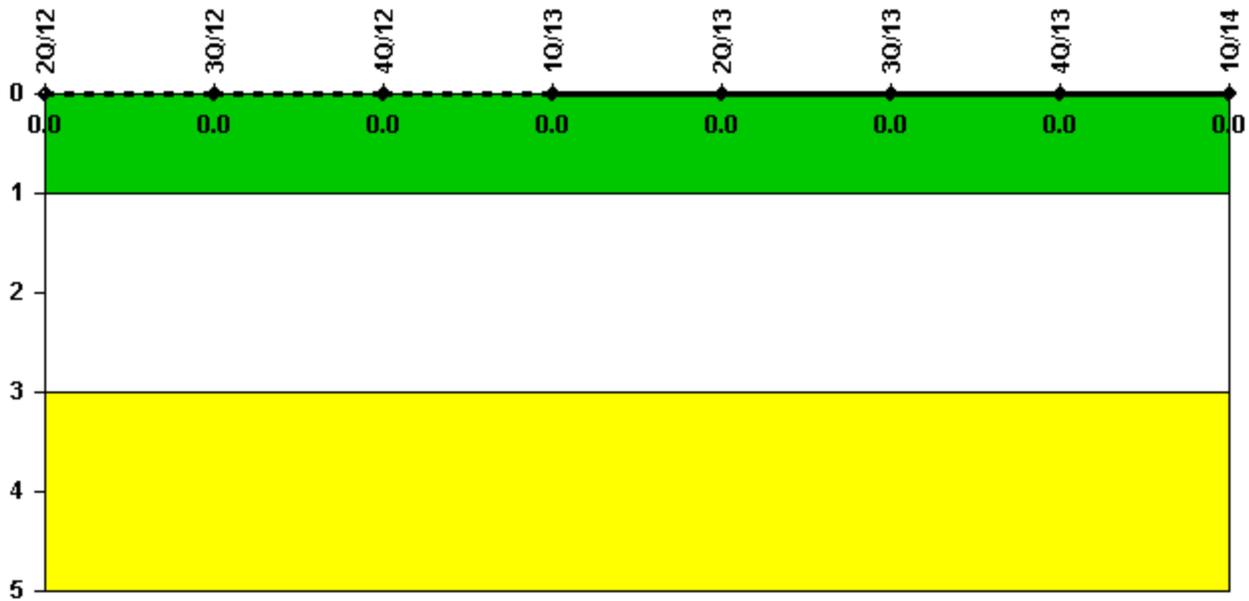
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0							

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0							

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

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

Last Modified: April 23, 2014