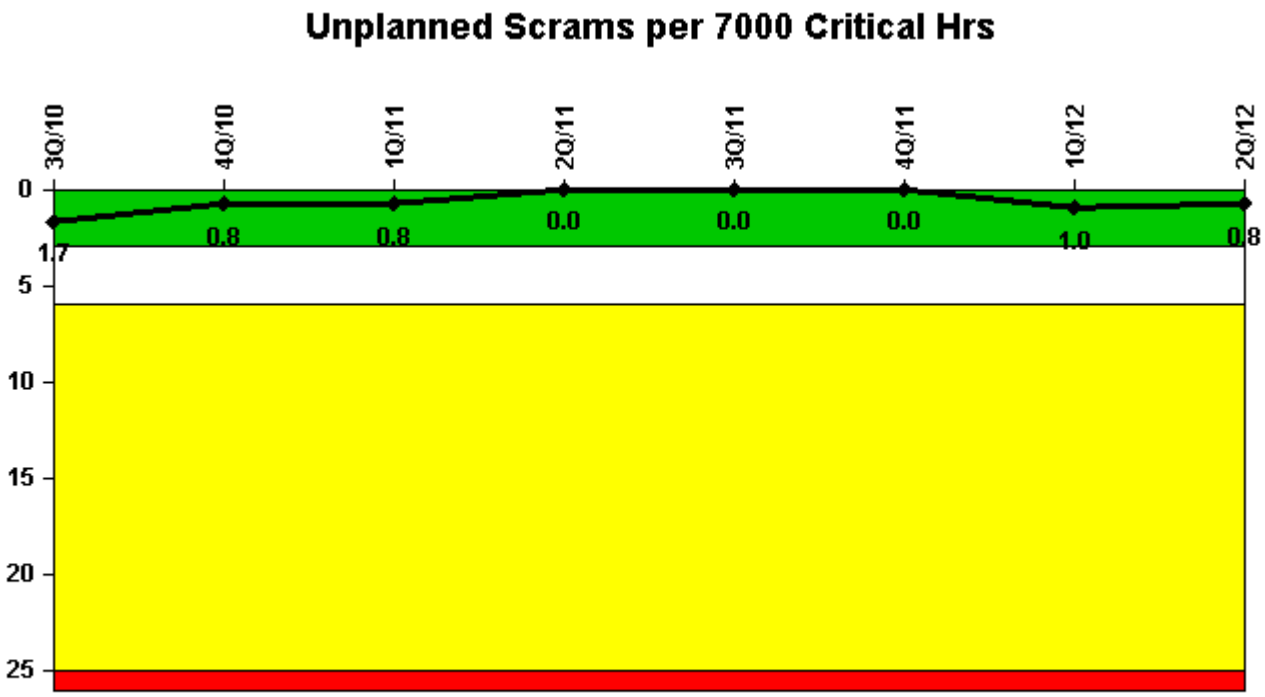
Perry 1

2Q/2012 Performance Indicators

Licensee's General Comments: none

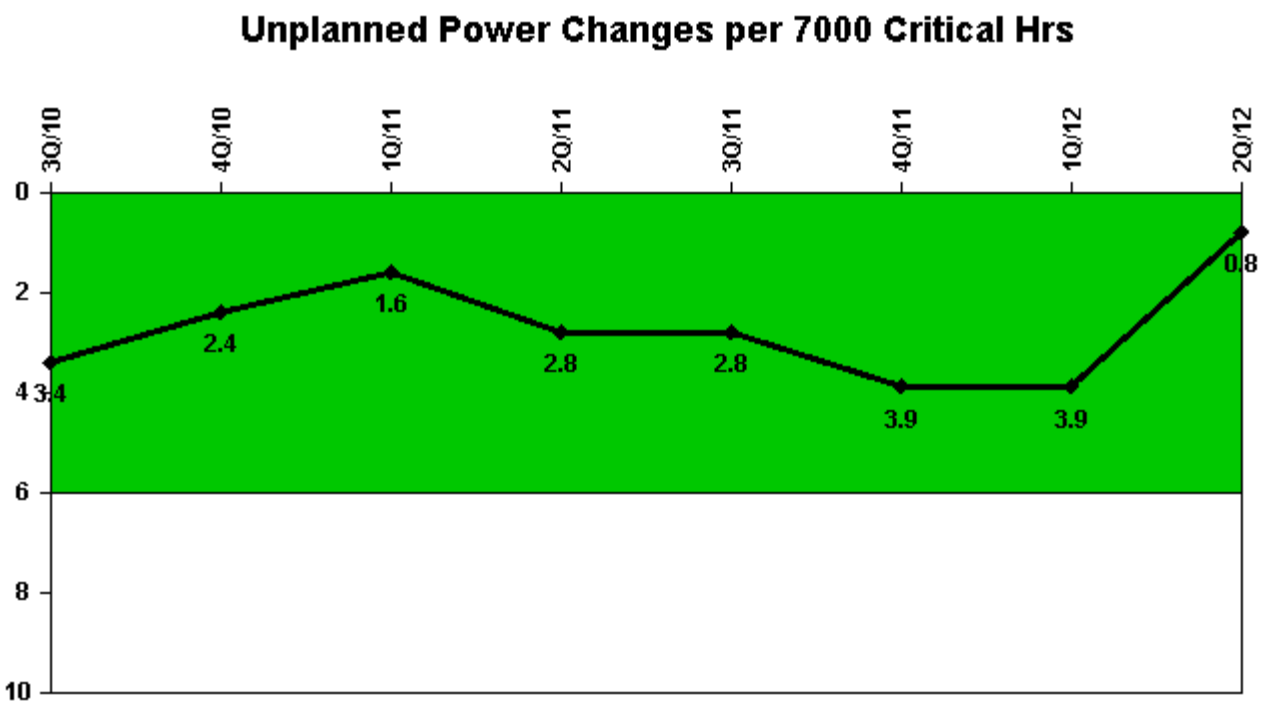


Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Unplanned scrams	0	0	0	0	0	0	1.0	0
Critical hours	2208.0	2209.0	2159.0	1022.4	2208.0	1831.6	2131.0	2111.7
Indicator value	**1.7**	**0.8**	**0.8**	**0**	**0**	**0**	**1.0**	**0.8**

Licensee Comments: none



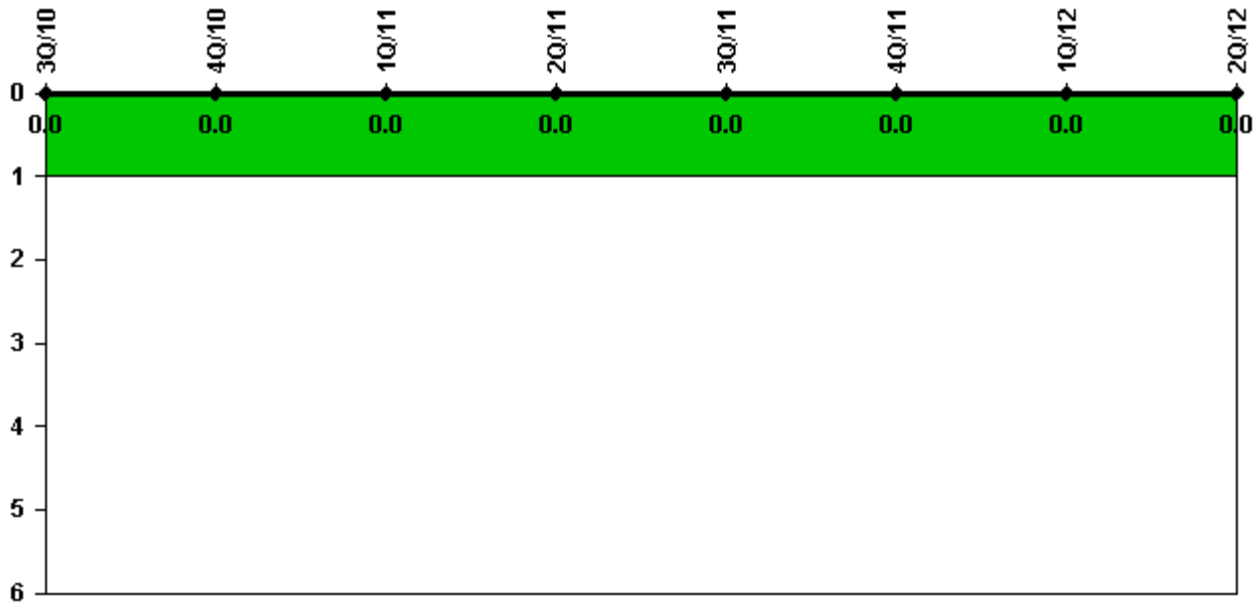
Thresholds: White > 6.0

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	3.0	0	1.0	0	0
Critical hours	2208.0	2209.0	2159.0	1022.4	2208.0	1831.6	2131.0	2111.7
Indicator value	**3.4**	**2.4**	**1.6**	**2.8**	**2.8**	**3.9**	**3.9**	**0.8**

Licensee Comments: none

Unplanned Scrams with Complications



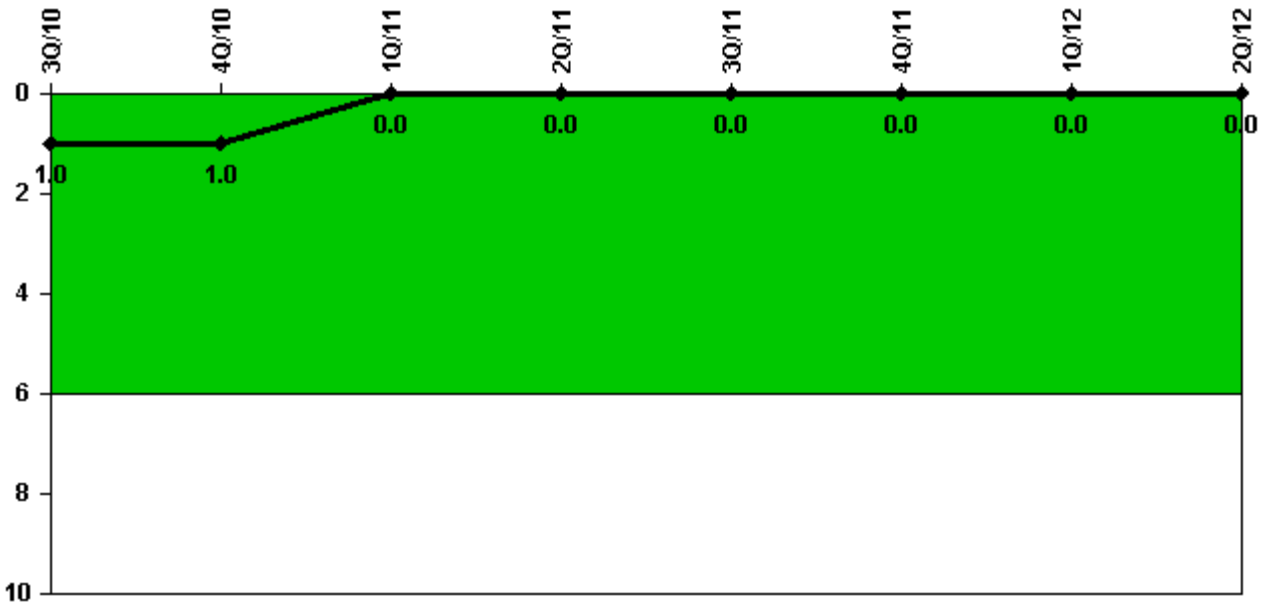
Thresholds: White > 1.0

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 (BWR)



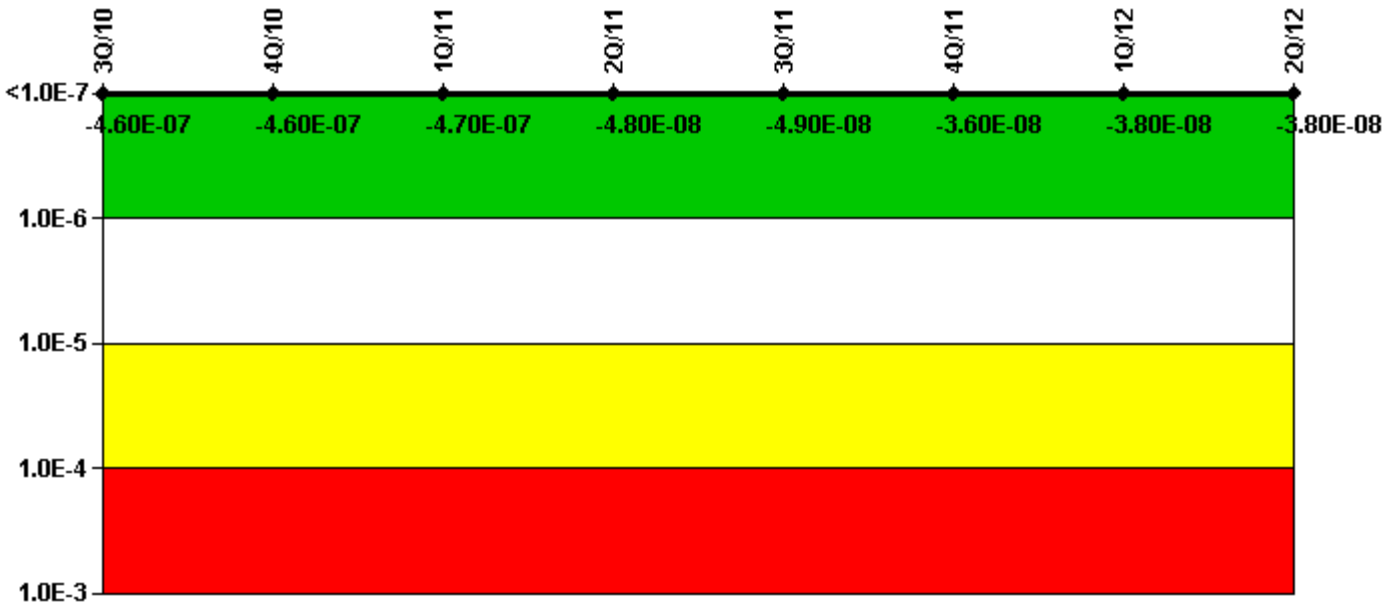
Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (ΔCDF)	7.68E-08	8.43E-08	6.67E-08	1.23E-08	1.07E-08	2.43E-08	2.19E-08	2.26E-08
URI (ΔCDF)	-5.41E-07	-5.41E-07	-5.41E-07	-6.01E-08	-6.01E-08	-6.01E-08	-6.01E-08	-6.01E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.60E-07**	**-4.60E-07**	**-4.70E-07**	**-4.80E-08**	**-4.90E-08**	**-3.60E-08**	**-3.80E-08**	**-3.80E-08**

Licensee Comments:

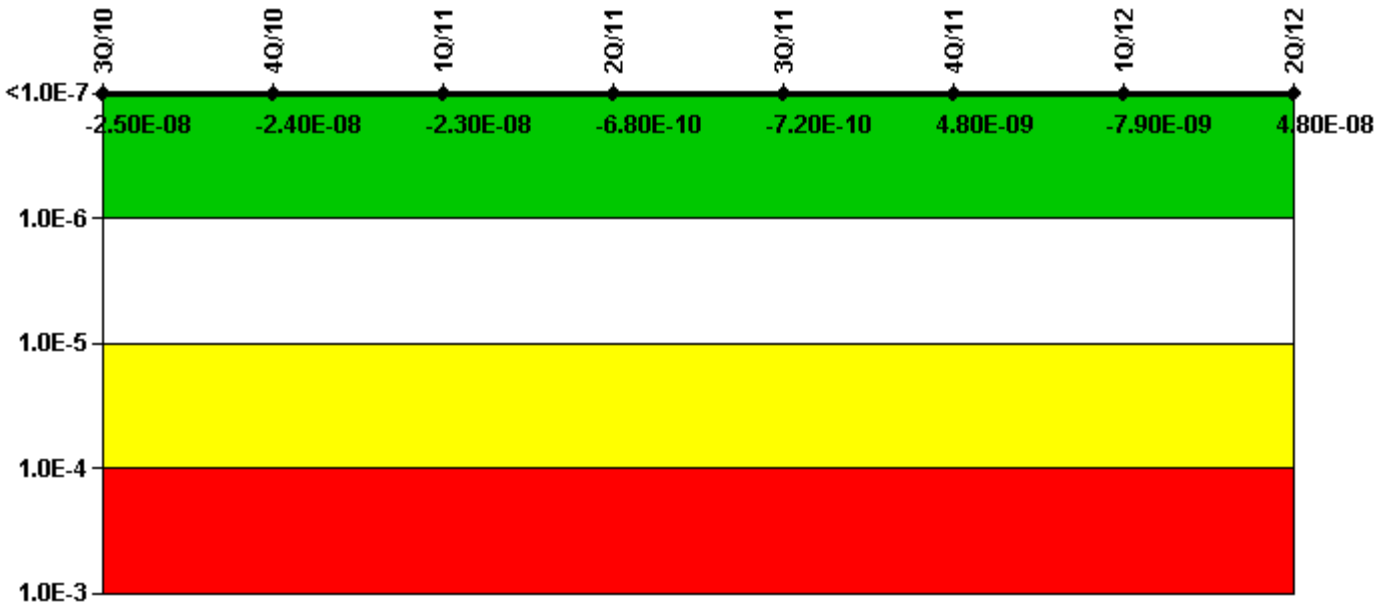
2Q/11: Changed PRA Parameter(s).

1Q/11: Changed PRA Parameter(s). When using the What-If Mode to evaluate impact of new PRA parameters, an error occurred in CDE when saving Emergency AC Power Common Cause Adjustment Factors (CCF) - the parameters were inappropriately applied to the Production Mode. This caused the System-Generated PI Comment to be created. The CCFs in Production mode were returned to the correct values.

4Q/10: Changed PRA Parameter(s).

3Q/10: 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

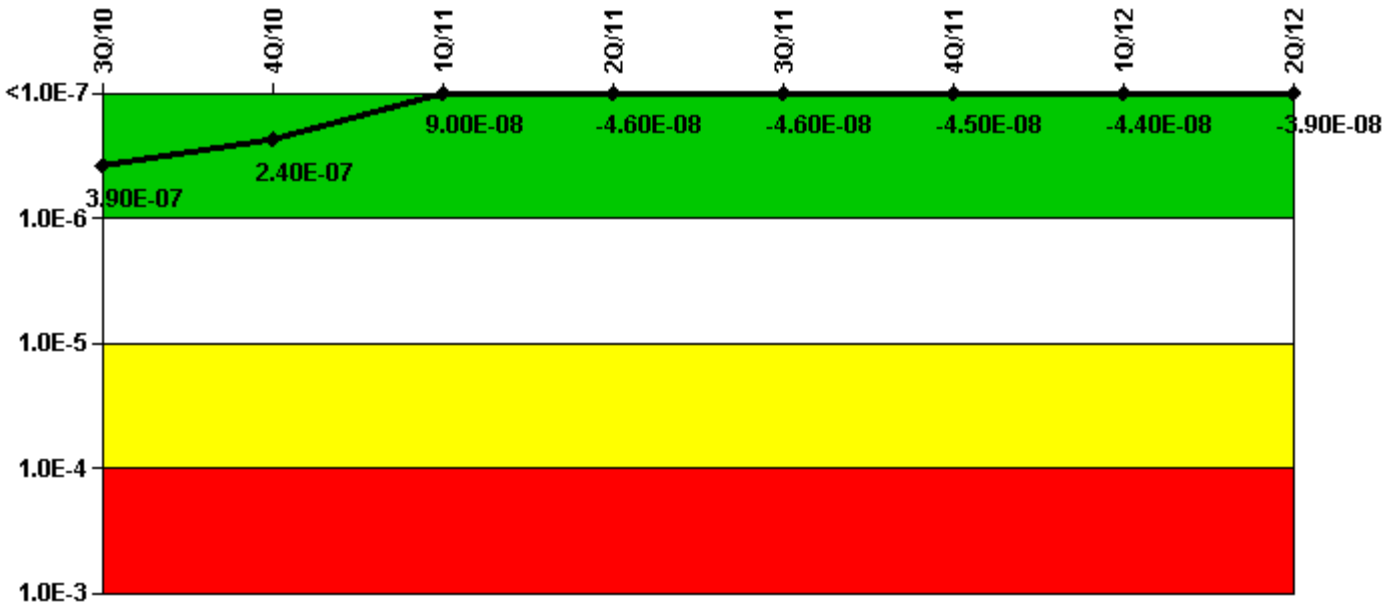
Notes

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)	3.18E-08	3.20E-08	3.27E-08	6.19E-08	6.19E-08	6.74E-08	5.47E-08	1.11E-07
URI (ΔCDF)	-5.69E-08	-5.57E-08	-5.57E-08	-6.26E-08	-6.26E-08	-6.26E-08	-6.26E-08	-6.26E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.50E-08**	**-2.40E-08**	**-2.30E-08**	**-6.80E-10**	**-7.20E-10**	**4.80E-09**	**-7.90E-09**	**4.80E-08**

Licensee Comments:

2Q/11: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



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

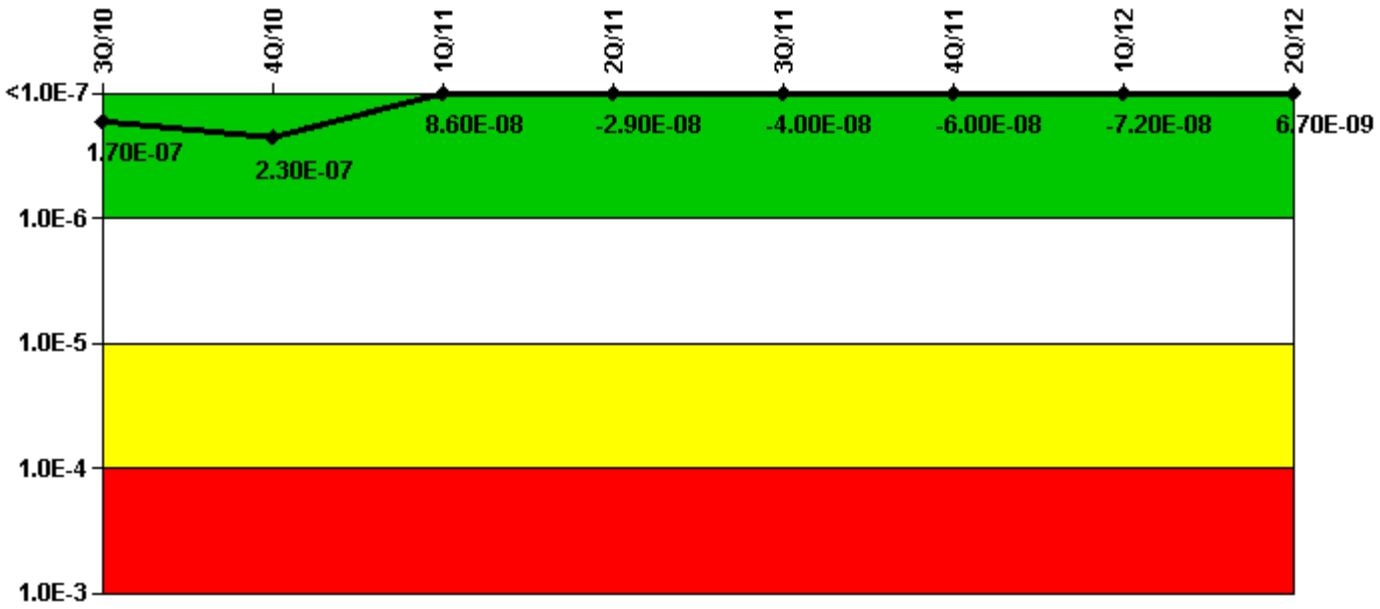
Notes

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)	6.61E-08	3.11E-08	-1.53E-09	-5.20E-09	-5.20E-09	-5.03E-09	-3.71E-09	1.79E-09
URI (ΔCDF)	3.23E-07	2.11E-07	9.18E-08	-4.03E-08	-4.03E-08	-4.03E-08	-4.03E-08	-4.03E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**3.90E-07**	**2.40E-07**	**9.00E-08**	**-4.60E-08**	**-4.60E-08**	**-4.50E-08**	**-4.40E-08**	**-3.90E-08**

Licensee Comments:

2Q/11: 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

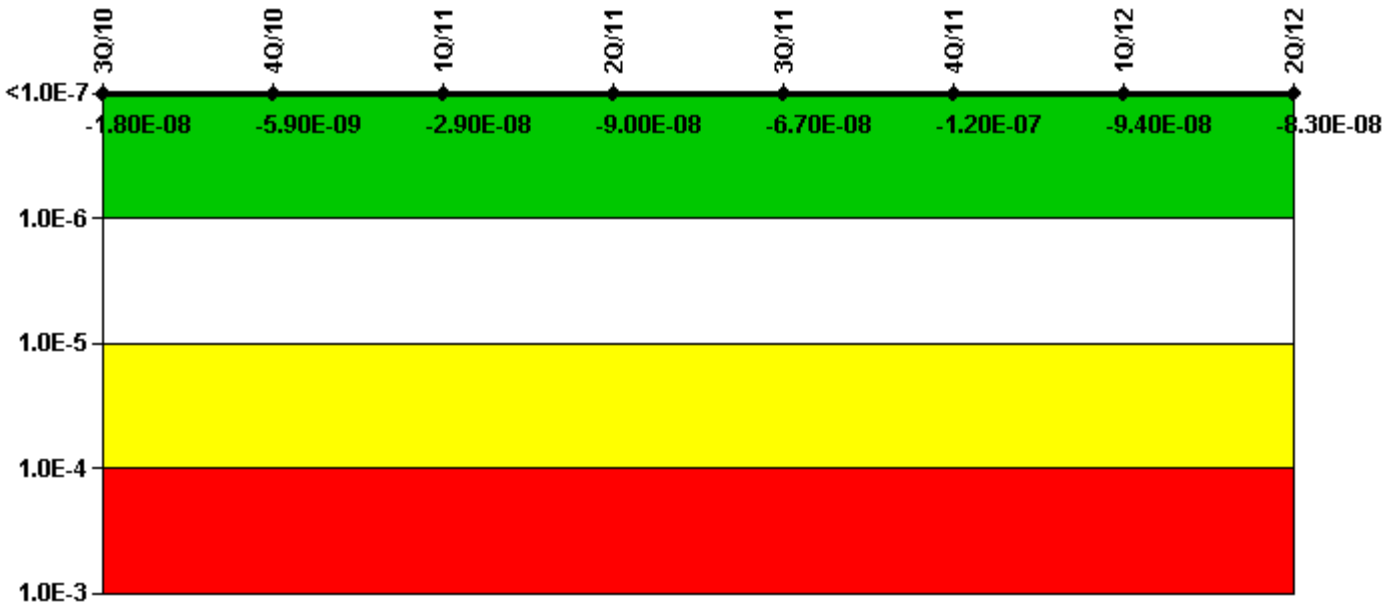
Notes

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)	2.13E-07	2.67E-07	1.25E-07	5.15E-08	4.01E-08	2.02E-08	8.46E-09	8.71E-08
URI (ΔCDF)	-3.90E-08	-3.90E-08	-3.90E-08	-8.04E-08	-8.04E-08	-8.04E-08	-8.04E-08	-8.04E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.70E-07**	**2.30E-07**	**8.60E-08**	**-2.90E-08**	**-4.00E-08**	**-6.00E-08**	**-7.20E-08**	**6.70E-09**

Licensee Comments:

2Q/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

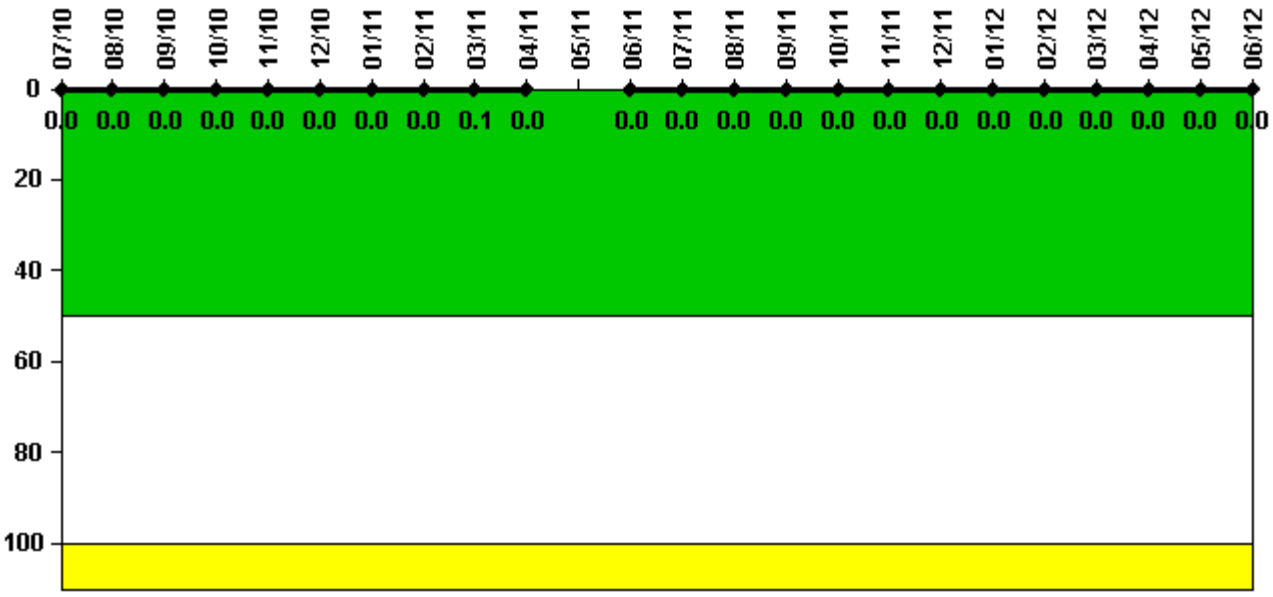
Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (ΔCDF)	2.06E-08	3.09E-08	7.45E-09	-4.98E-08	-2.63E-08	-7.59E-08	-5.39E-08	-4.20E-08
URI (ΔCDF)	-3.89E-08	-3.68E-08	-3.68E-08	-4.06E-08	-4.06E-08	-4.06E-08	-4.06E-08	-4.06E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.80E-08**	**-5.90E-09**	**-2.90E-08**	**-9.00E-08**	**-6.70E-08**	**-1.20E-07**	**-9.40E-08**	**-8.30E-08**

Licensee Comments:

2Q/11: Changed PRA Parameter(s).

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

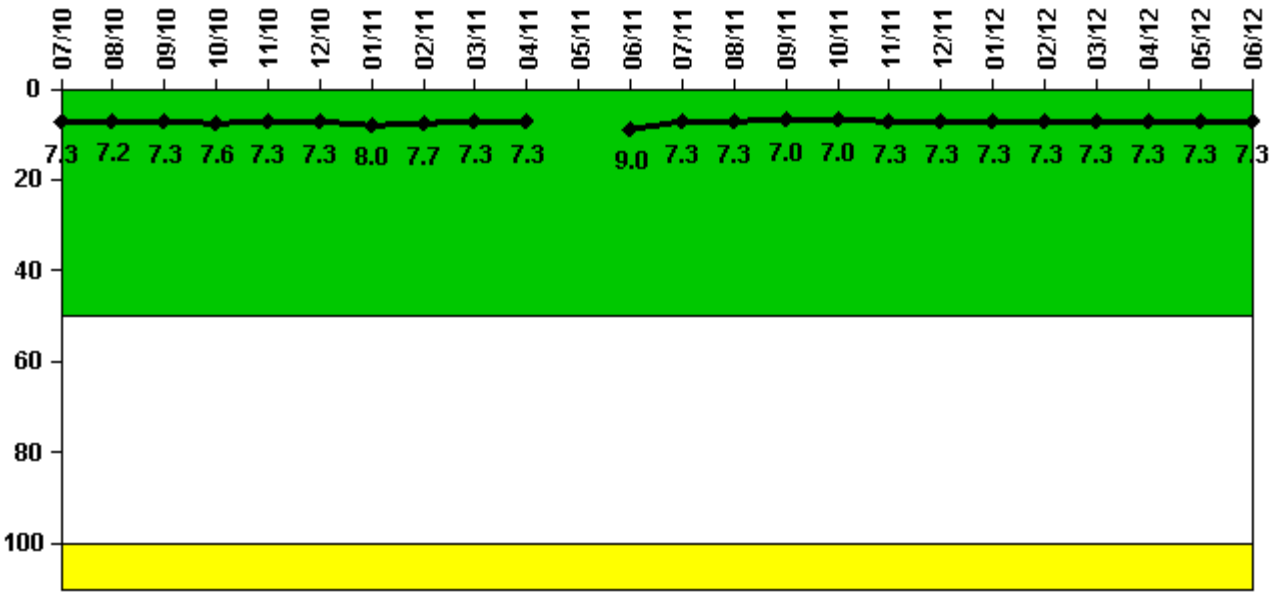
Notes

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	0.000020	0.000022	0.000030	0.000026	0.000029	0.000026	0.000027	0.000025	0.000201	0.000042	N/A	0.000024
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.1**	**0**	**N/A**	**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	0.000024	0.000041	0.000023	0.000020	0.000022	0.000024	0.000037	0.000045	0.000043	0.000026	0.000029	0.000032
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage



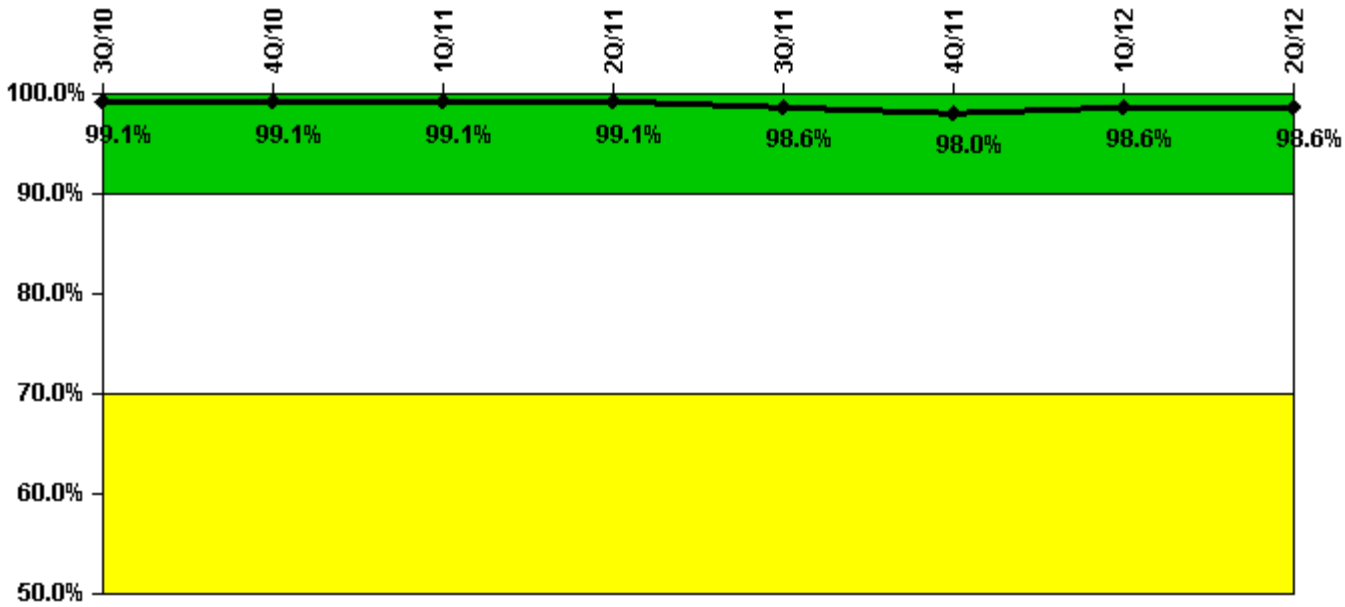
Thresholds: White > 50.0 Yellow > 100.0

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	2.200	2.150	2.200	2.290	2.190	2.190	2.410	2.300	2.200	2.200	N/A	2.700
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**7.3**	**7.2**	**7.3**	**7.6**	**7.3**	**7.3**	**8.0**	**7.7**	**7.3**	**7.3**	**N/A**	**9.0**
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	2.200	2.200	2.100	2.090	2.180	2.180	2.180	2.200	2.200	2.190	2.190	2.190
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**7.3**	**7.3**	**7.0**	**7.0**	**7.3**	**7.3**	**7.3**	**7.3**	**7.3**	**7.3**	**7.3**	**7.3**

Licensee Comments: none

Drill/Exercise Performance



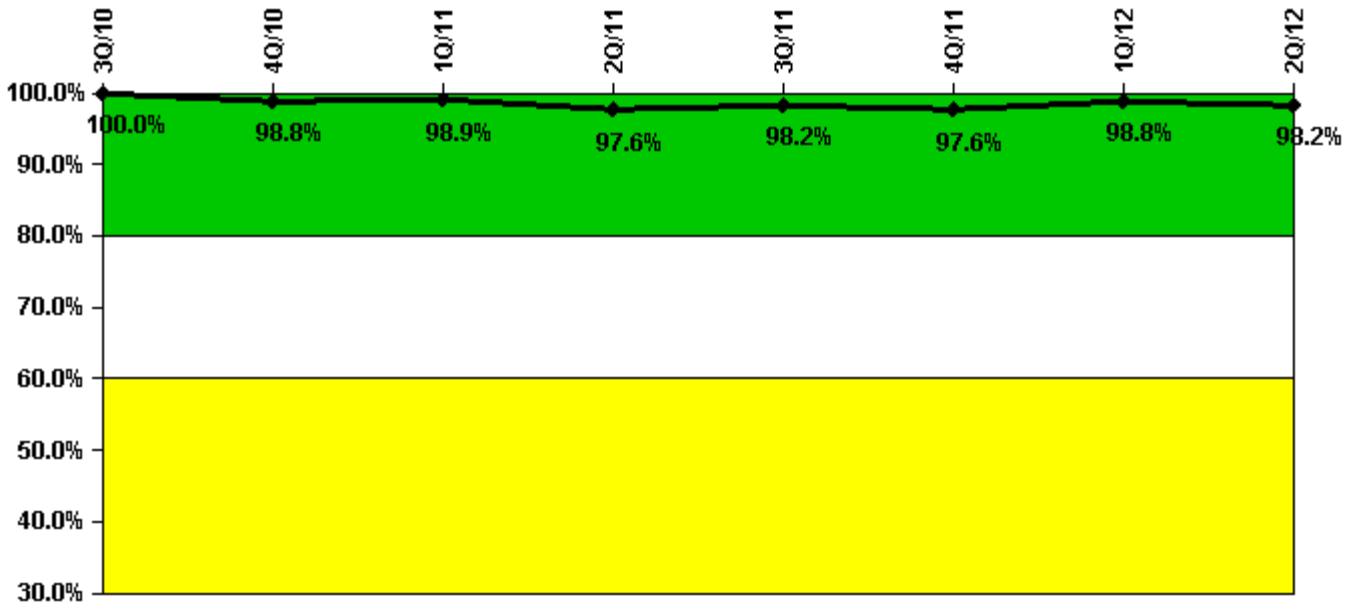
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Successful opportunities	48.0	21.0	31.0	0	21.0	21.0	46.0	22.0
Total opportunities	49.0	21.0	31.0	0	22.0	22.0	46.0	22.0
Indicator value	**99.1%**	**99.1%**	**99.1%**	**99.1%**	**98.6%**	**98.0%**	**98.6%**	**98.6%**

Licensee Comments: none

ERO Drill Participation



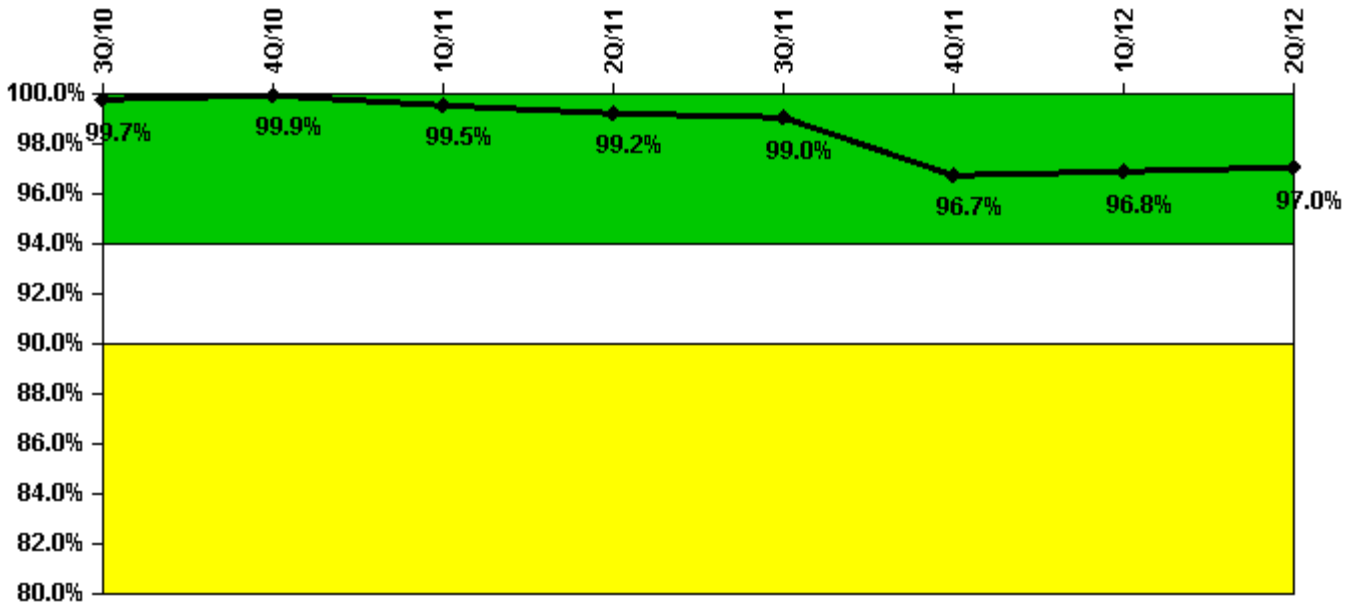
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Participating Key personnel	166.0	162.0	173.0	166.0	163.0	162.0	161.0	165.0
Total Key personnel	166.0	164.0	175.0	170.0	166.0	166.0	163.0	168.0
Indicator value	**100.0%**	**98.8%**	**98.9%**	**97.6%**	**98.2%**	**97.6%**	**98.8%**	**98.2%**

Licensee Comments: none

Alert & Notification System



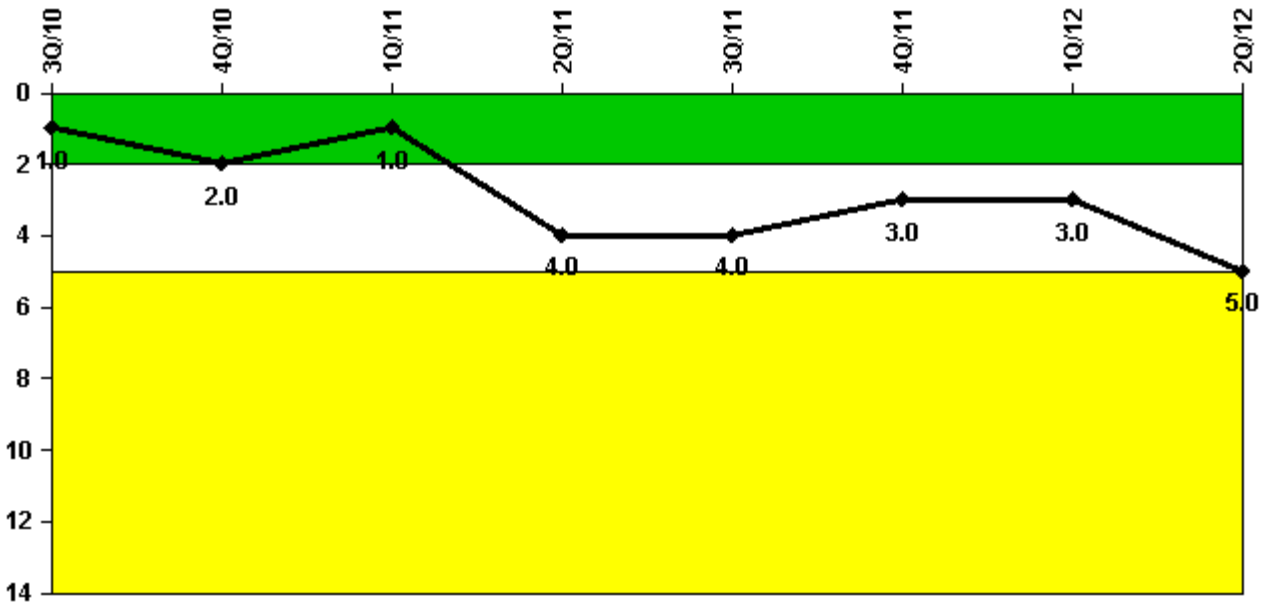
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Successful siren-tests	532	532	523	525	527	483	525	530
Total sirens-tests	532	532	532	532	532	532	532	532
Indicator value	**99.7%**	**99.9%**	**99.5%**	**99.2%**	**99.0%**	**96.7%**	**96.8%**	**97.0%**

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
High radiation area occurrences	0	1	0	3	0	0	0	5
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**1**	**2**	**1**	**4**	**4**	**3**	**3**	**5**

Licensee Comments:

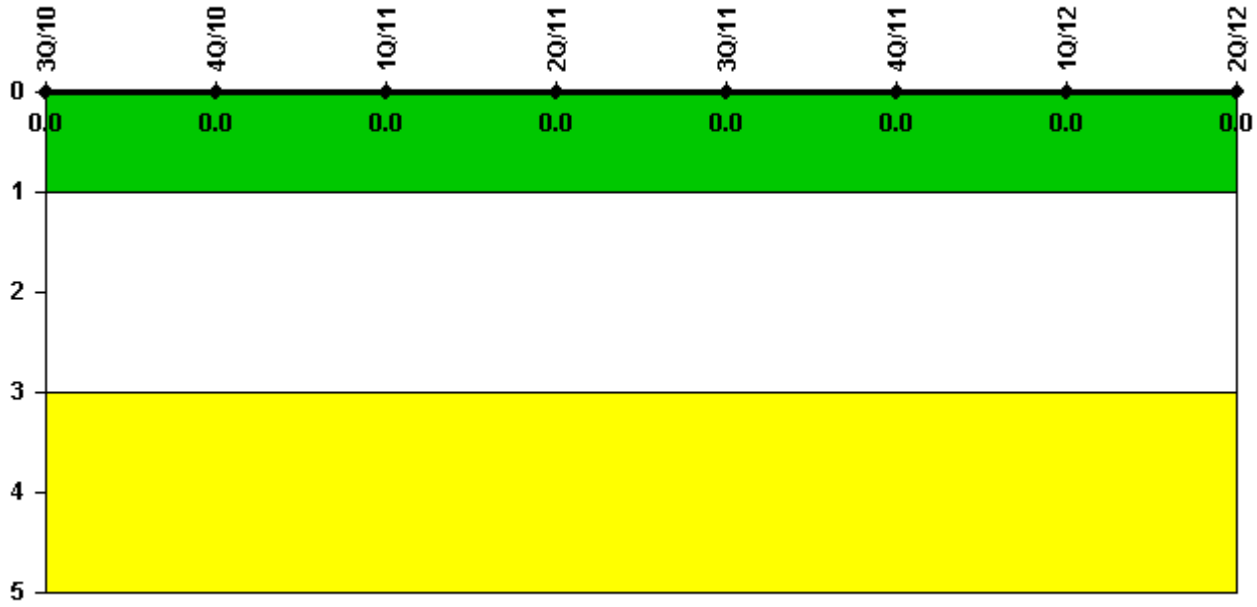
2Q/12: The number of TS HRA occurrences reported for June remains under evaluation at this time. A Frequently Asked Question (FAQ) submittal is planned to address the associated issues, which include having the same cause in a common time frame for the occurrences. The PI value may be modified as a result. With submittal of the Second Quarter 2012 PI data, the indicator performance has exceeded the green/white threshold and has moved to the Increased Regulatory Response Band. The PI color is WHITE.

2Q/11: OR01 indicator performance is in the Increased Regulatory Response Band (White). Changed the number of High radiation area occurrences to 2 from 1 initially reported for April 2011. The reinsertion of source range monitor C detector into the reactor vessel on April 22 has been re-evaluated and determined to be reportable based on the dose rates in the accessible undervessel areas not being characterized sufficiently, which is a violation of TS 5.7.1.b. The indicator color is unchanged by this correction.

2Q/11: OR1 PI performance is in the Increased Regulatory Response Band (White).

4Q/10: The High radiation area occurrence reported for November 2010 caused re-review of a March 12, 2010, occurrence where a radworker entered a Technical Specification High Radiation Area (TSHRA) where no briefing on radiological conditions was provided and received a dose rate alarm. This occurrence was determined to represent a loss of control of work in a TSHRA and is to be counted under the PI. A change file was prepared to correct the March 2010 PI data reported. The indicator color remains green. The indicator value is at the Increased Regulatory Response Band Threshold (2).

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.

Last Modified: July 24, 2012