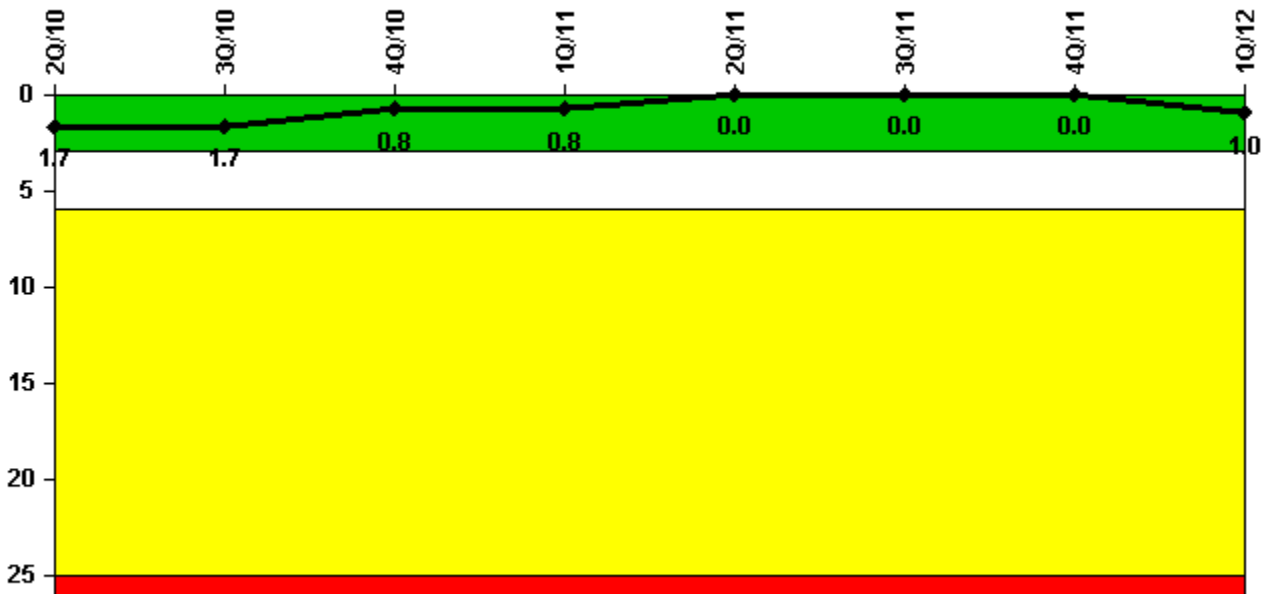


Perry 1

1Q/2012 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



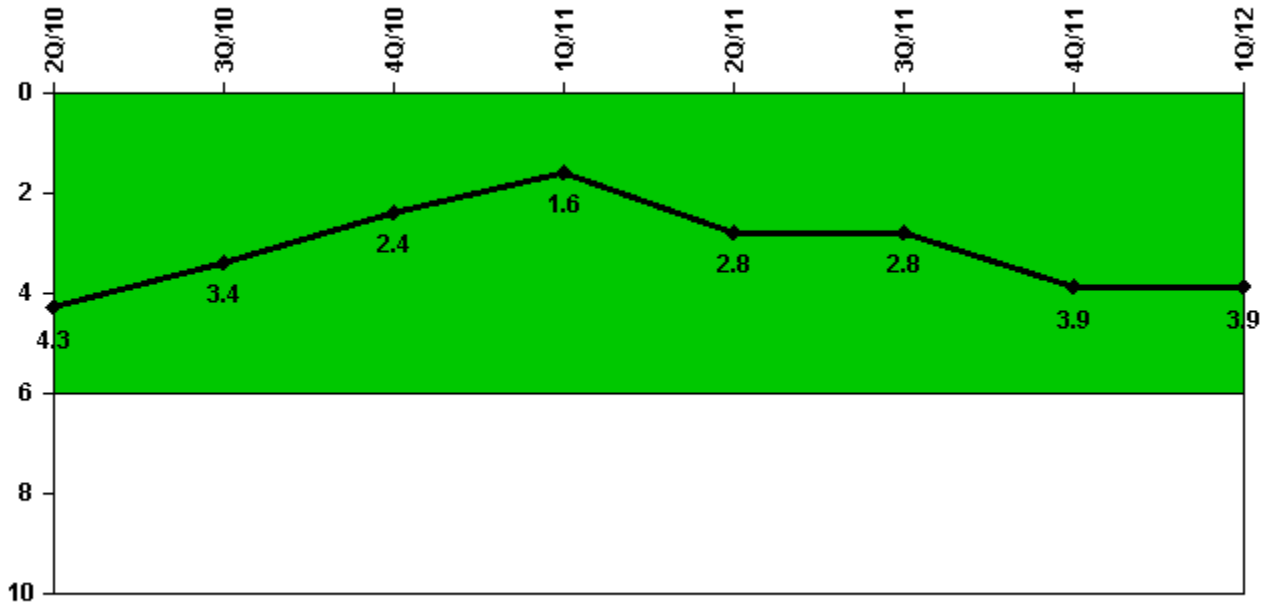
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Unplanned scrams	1.0	0	0	0	0	0	0	1.0
Critical hours	2049.3	2208.0	2209.0	2159.0	1022.4	2208.0	1831.6	2131.0
Indicator value	1.7	1.7	0.8	0.8	0	0	0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Unplanned power changes	2.0	0	0	0	3.0	0	1.0	0
Critical hours	2049.3	2208.0	2209.0	2159.0	1022.4	2208.0	1831.6	2131.0
Indicator value	4.3	3.4	2.4	1.6	2.8	2.8	3.9	3.9

Licensee Comments: none

Unplanned Scrams with Complications



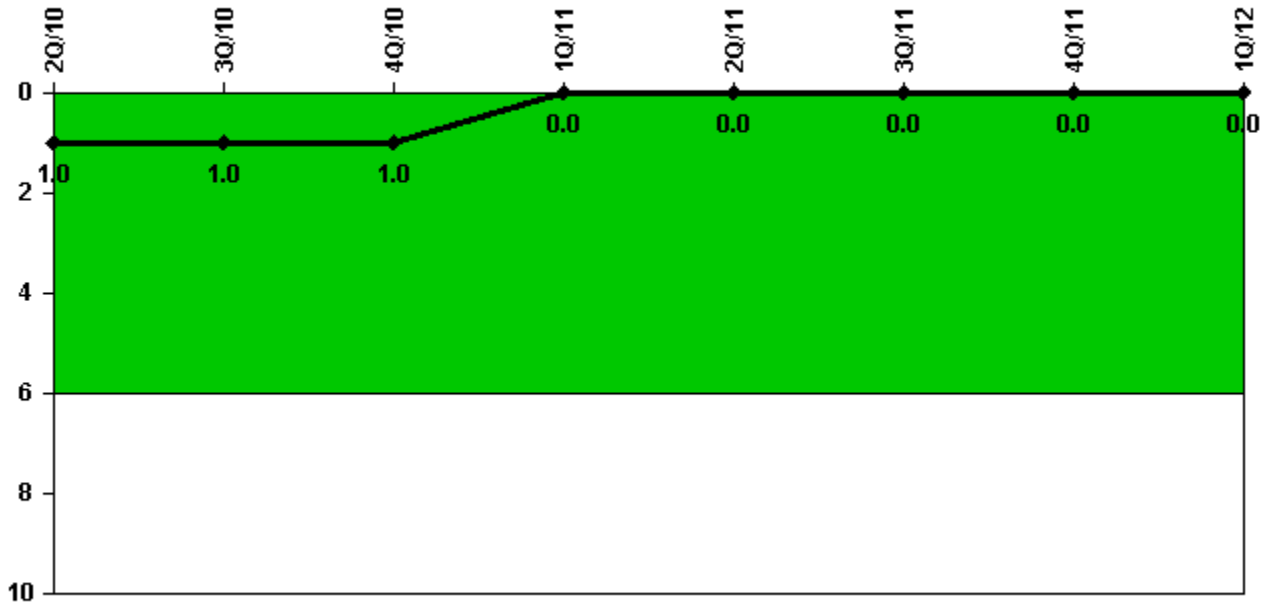
Thresholds: White > 1.0

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 (BWR)



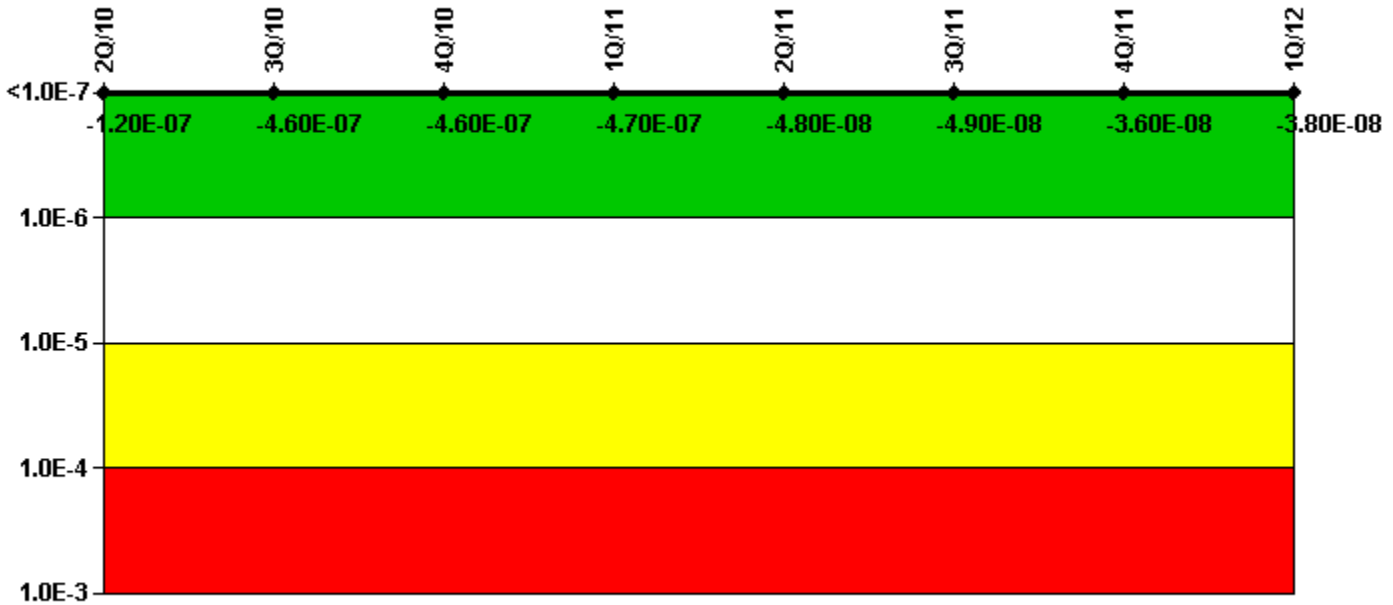
Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/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	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (ΔCDF)	1.01E-07	7.68E-08	8.43E-08	6.67E-08	1.23E-08	1.07E-08	2.43E-08	2.19E-08
URI (ΔCDF)	-2.16E-07	-5.41E-07	-5.41E-07	-5.41E-07	-6.01E-08	-6.01E-08	-6.01E-08	-6.01E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.20E-07	-4.60E-07	-4.60E-07	-4.70E-07	-4.80E-08	-4.90E-08	-3.60E-08	-3.80E-08

Licensee Comments:

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

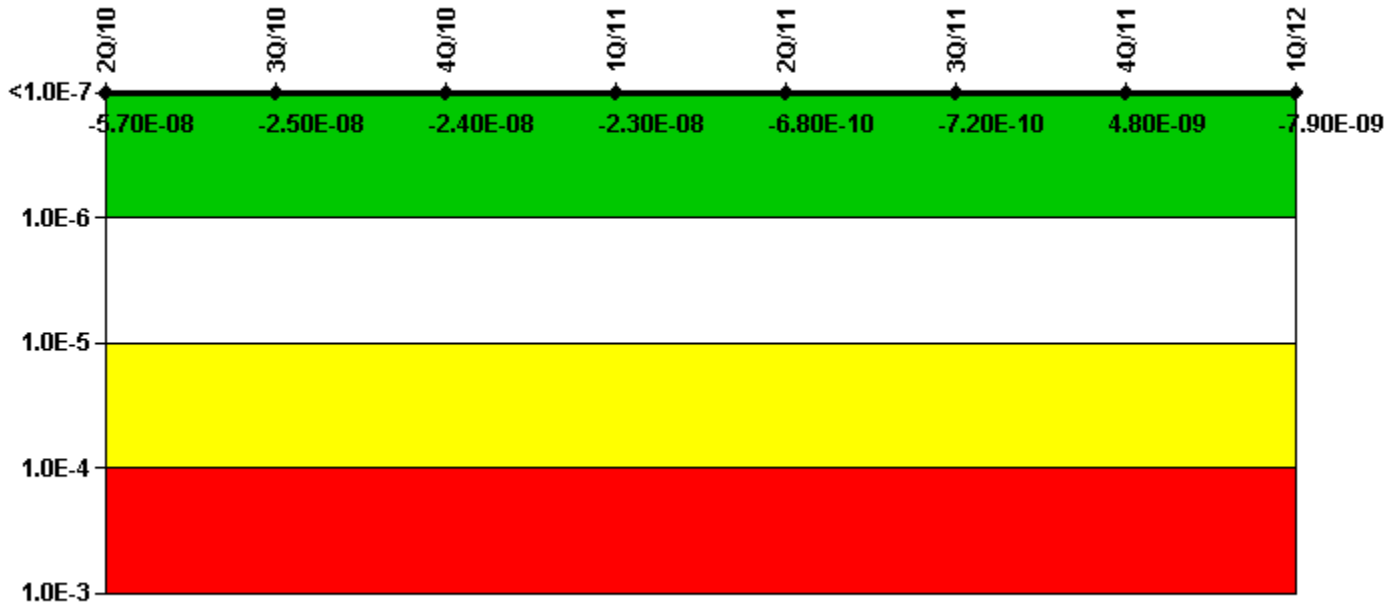
1Q/11: Changed PRA Parameter(s). When using the What-If Mode to evaluate impact of new PRA parameters, an error occurred in CDE when saving Emergency AC Power Common Cause Adjustment Factors (CCF) - the parameters were inappropriately applied to the Production Mode. This caused the System-Generated PI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

2Q/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

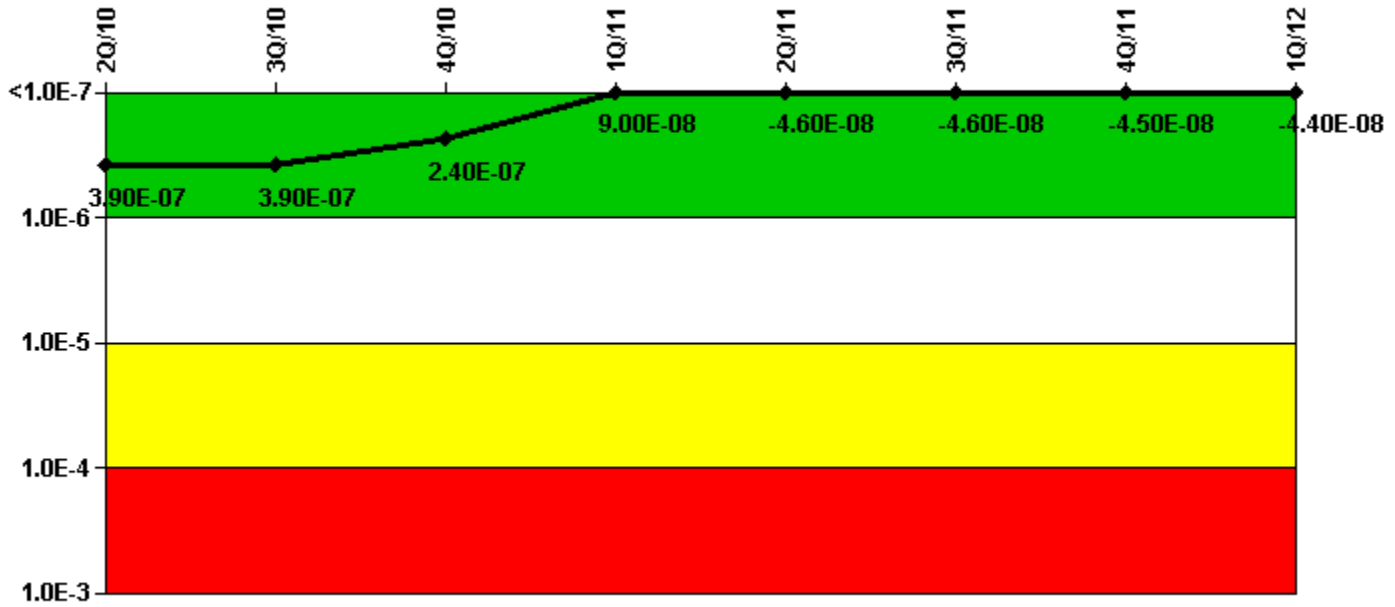
Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (Δ CDF)	2.26E-10	3.18E-08	3.20E-08	3.27E-08	6.19E-08	6.19E-08	6.74E-08	5.47E-08
URI (Δ CDF)	-5.69E-08	-5.69E-08	-5.57E-08	-5.57E-08	-6.26E-08	-6.26E-08	-6.26E-08	-6.26E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.70E-08	-2.50E-08	-2.40E-08	-2.30E-08	-6.80E-10	-7.20E-10	4.80E-09	-7.90E-09

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

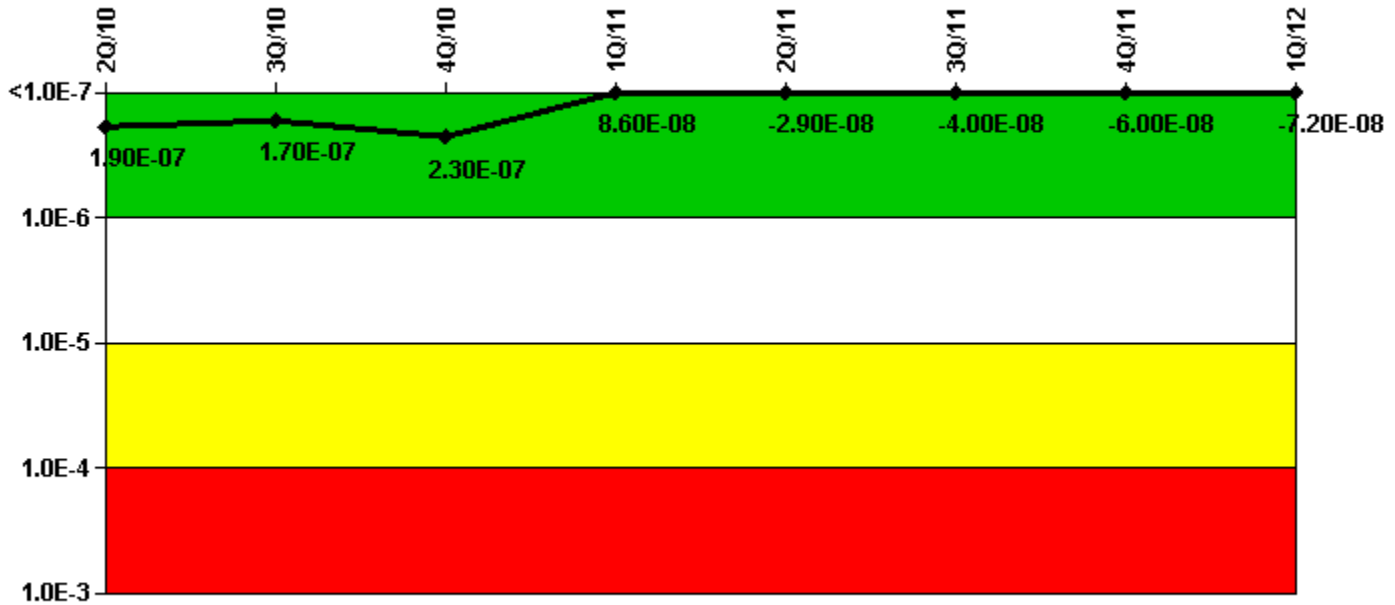
Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (Δ CDF)	6.93E-08	6.61E-08	3.11E-08	-1.53E-09	-5.20E-09	-5.20E-09	-5.03E-09	-3.71E-09
URI (Δ CDF)	3.23E-07	3.23E-07	2.11E-07	9.18E-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	3.90E-07	2.40E-07	9.00E-08	-4.60E-08	-4.60E-08	-4.50E-08	-4.40E-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

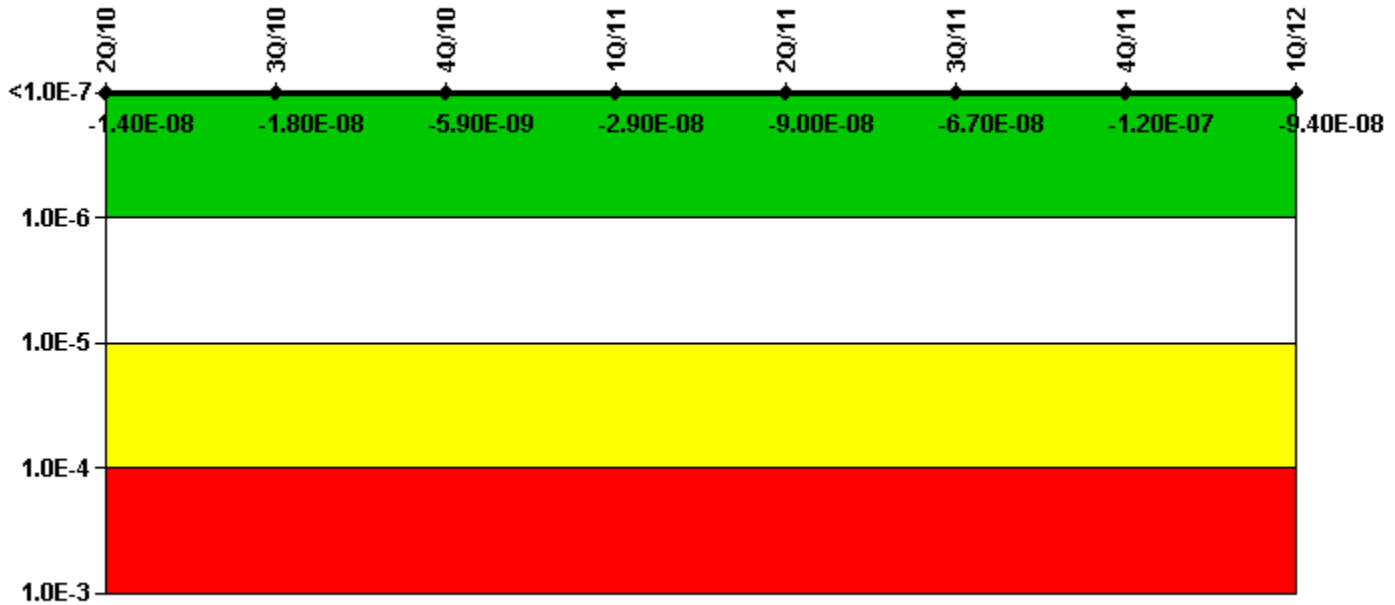
Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (Δ CDF)	2.26E-07	2.13E-07	2.67E-07	1.25E-07	5.15E-08	4.01E-08	2.02E-08	8.46E-09
URI (Δ CDF)	-3.90E-08	-3.90E-08	-3.90E-08	-3.90E-08	-8.04E-08	-8.04E-08	-8.04E-08	-8.04E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.90E-07	1.70E-07	2.30E-07	8.60E-08	-2.90E-08	-4.00E-08	-6.00E-08	-7.20E-08

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

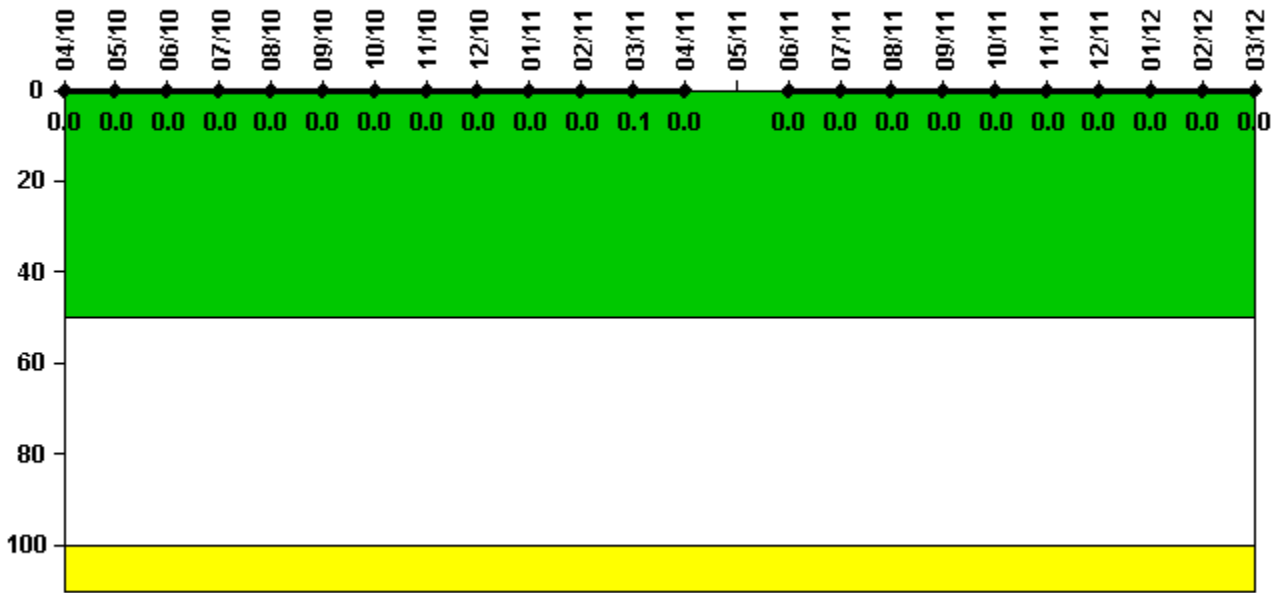
Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (Δ CDF)	2.54E-08	2.06E-08	3.09E-08	7.45E-09	-4.98E-08	-2.63E-08	-7.59E-08	-5.39E-08
URI (Δ CDF)	-3.89E-08	-3.89E-08	-3.68E-08	-3.68E-08	-4.06E-08	-4.06E-08	-4.06E-08	-4.06E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.40E-08	-1.80E-08	-5.90E-09	-2.90E-08	-9.00E-08	-6.70E-08	-1.20E-07	-9.40E-08

Licensee Comments:

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

Reactor Coolant System Activity



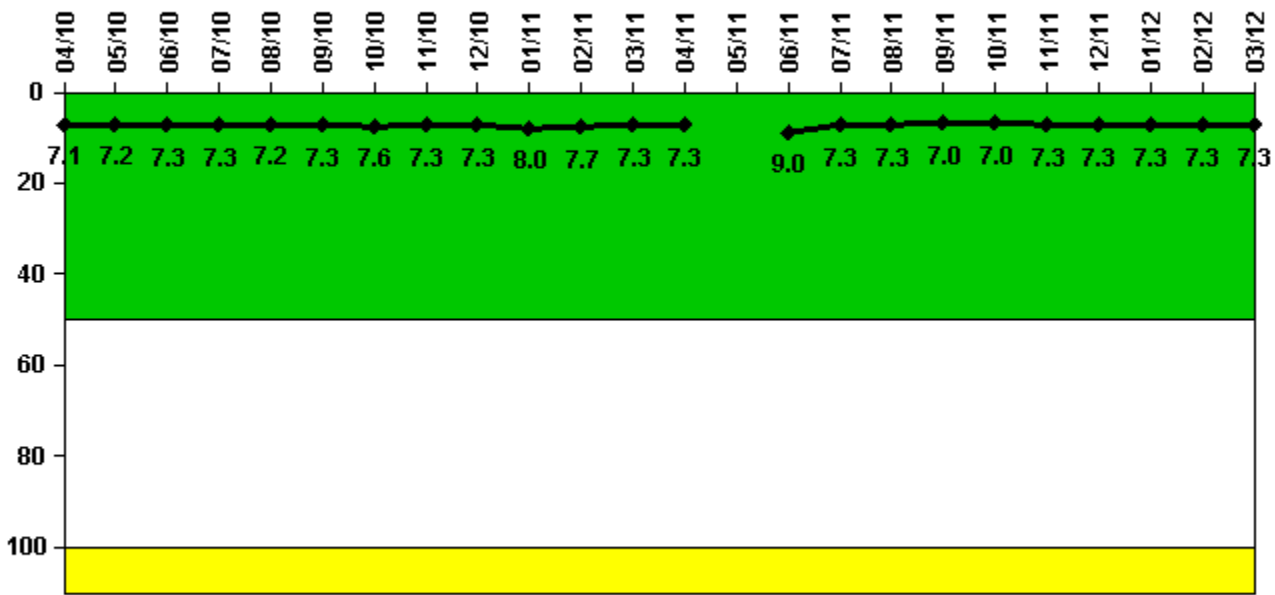
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	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	0.000018	0.000024	0.000022	0.000020	0.000022	0.000030	0.000026	0.000029	0.000026	0.000027	0.000025	0.000201
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	0.1
Reactor Coolant System Activity	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12
Maximum activity	0.000042	N/A	0.000024	0.000024	0.000041	0.000023	0.000020	0.000022	0.000024	0.000037	0.000045	0.000043
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	N/A	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



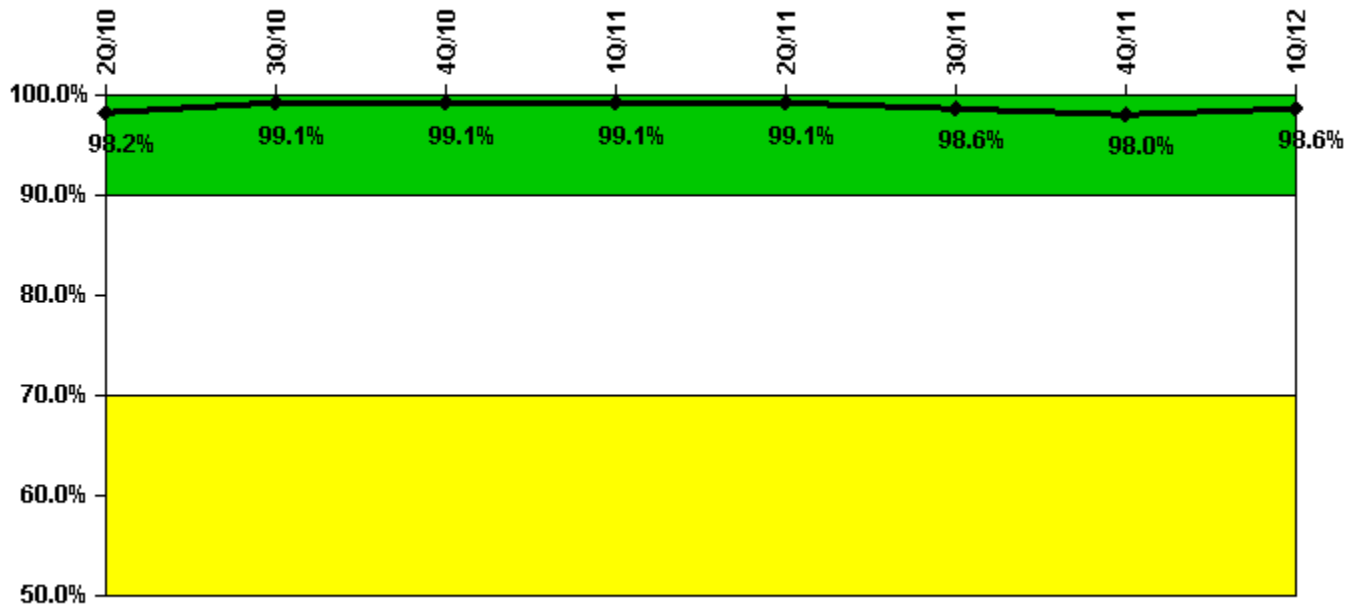
Thresholds: White > 50.0 Yellow > 100.0

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	2.130	2.150	2.190	2.200	2.150	2.200	2.290	2.190	2.190	2.410	2.300	2.200
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	7.1	7.2	7.3	7.3	7.2	7.3	7.6	7.3	7.3	8.0	7.7	7.3
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	2.200	N/A	2.700	2.200	2.200	2.100	2.090	2.180	2.180	2.180	2.200	2.200
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	N/A	9.0	7.3	7.3	7.0	7.0	7.3	7.3	7.3	7.3	7.3

Licensee Comments: none

Drill/Exercise Performance



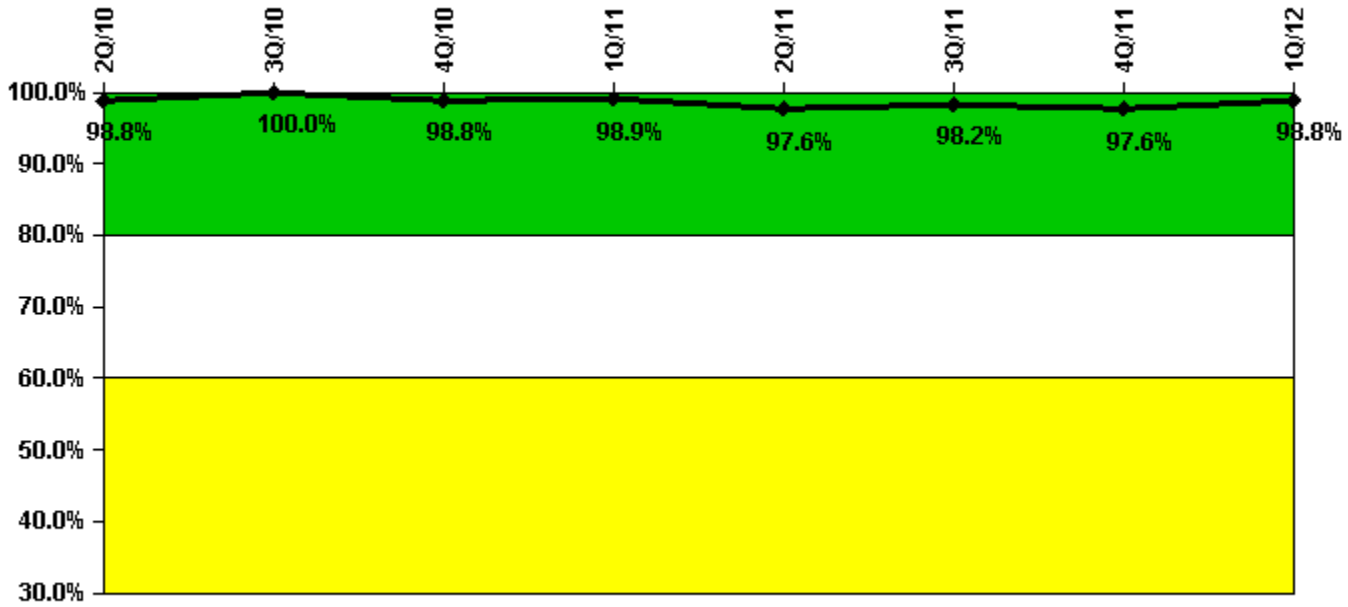
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Successful opportunities	20.0	48.0	21.0	31.0	0	21.0	21.0	46.0
Total opportunities	20.0	49.0	21.0	31.0	0	22.0	22.0	46.0
Indicator value	98.2%	99.1%	99.1%	99.1%	99.1%	98.6%	98.0%	98.6%

Licensee Comments: none

ERO Drill Participation



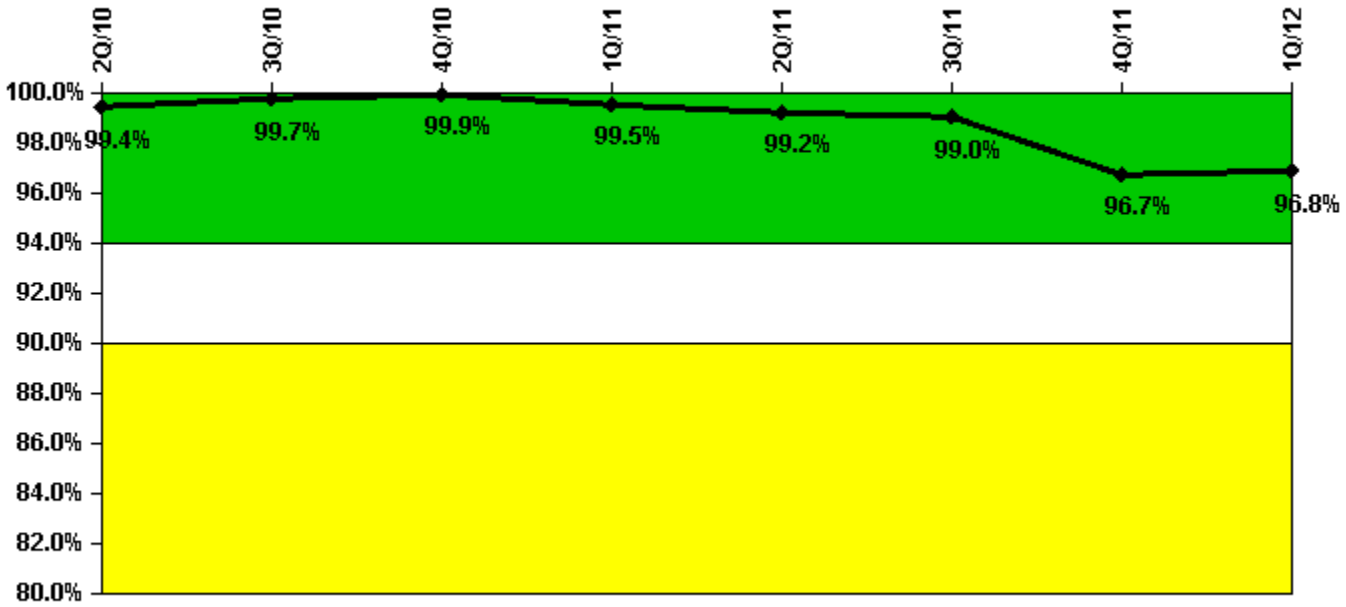
Thresholds: White < 80.0% Yellow < 60.0%

Notes

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

Licensee Comments: none

Alert & Notification System



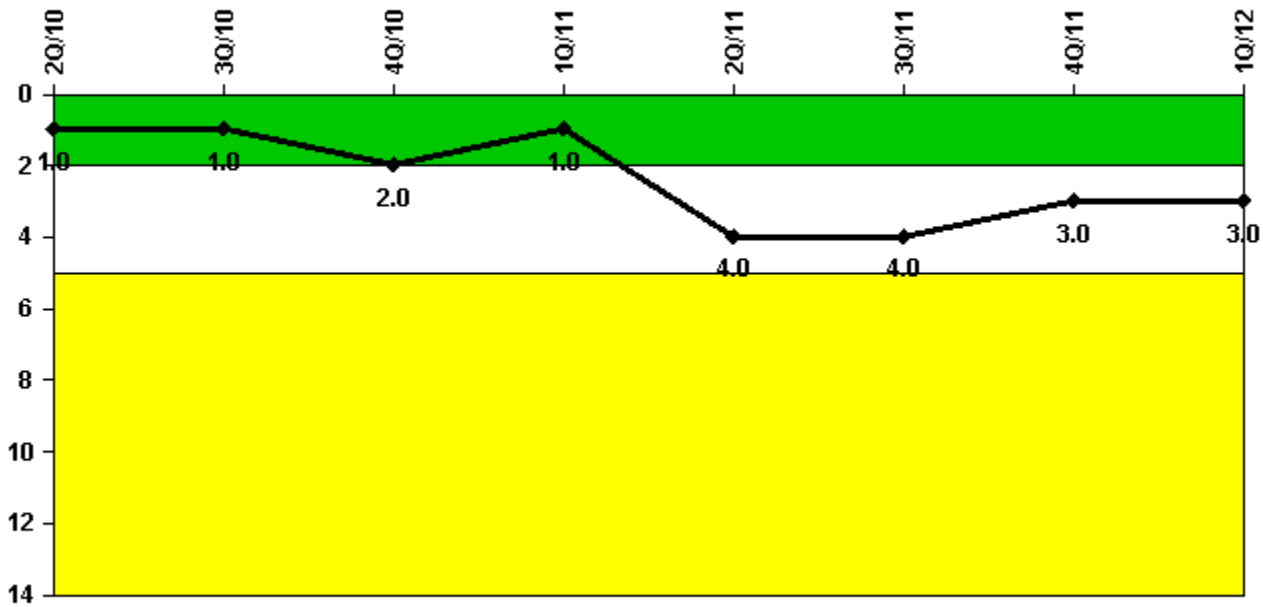
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Successful siren-tests	530	532	532	523	525	527	483	525
Total sirens-tests	532	532	532	532	532	532	532	532
Indicator value	99.4%	99.7%	99.9%	99.5%	99.2%	99.0%	96.7%	96.8%

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	1	0	3	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	1	1	2	1	4	4	3	3

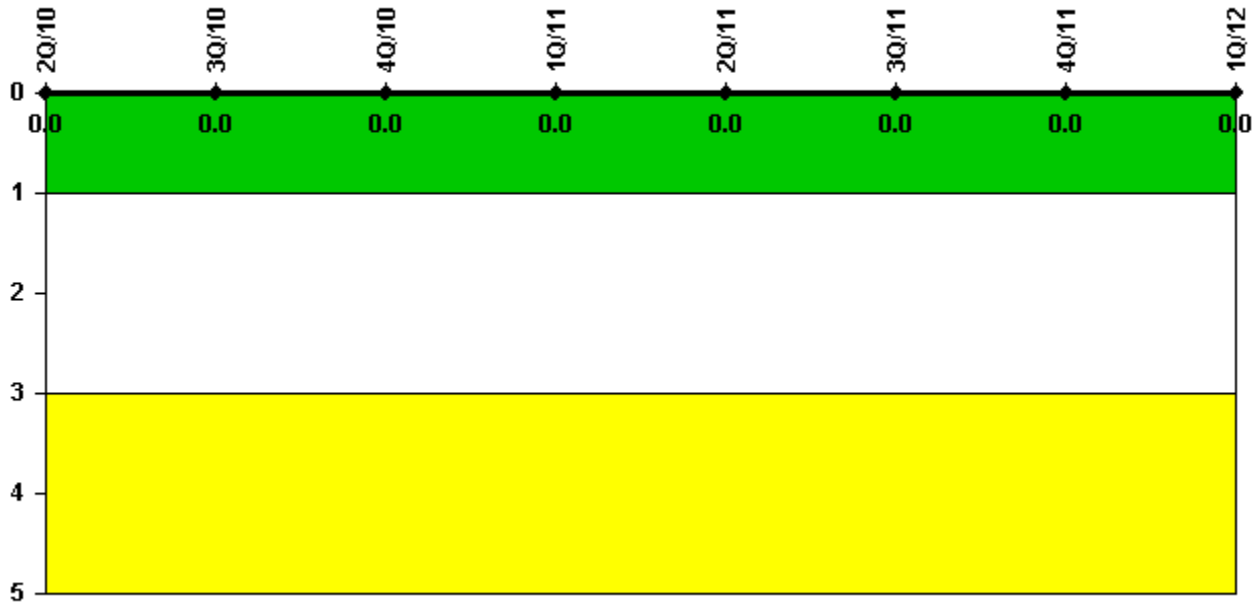
Licensee Comments:

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	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.