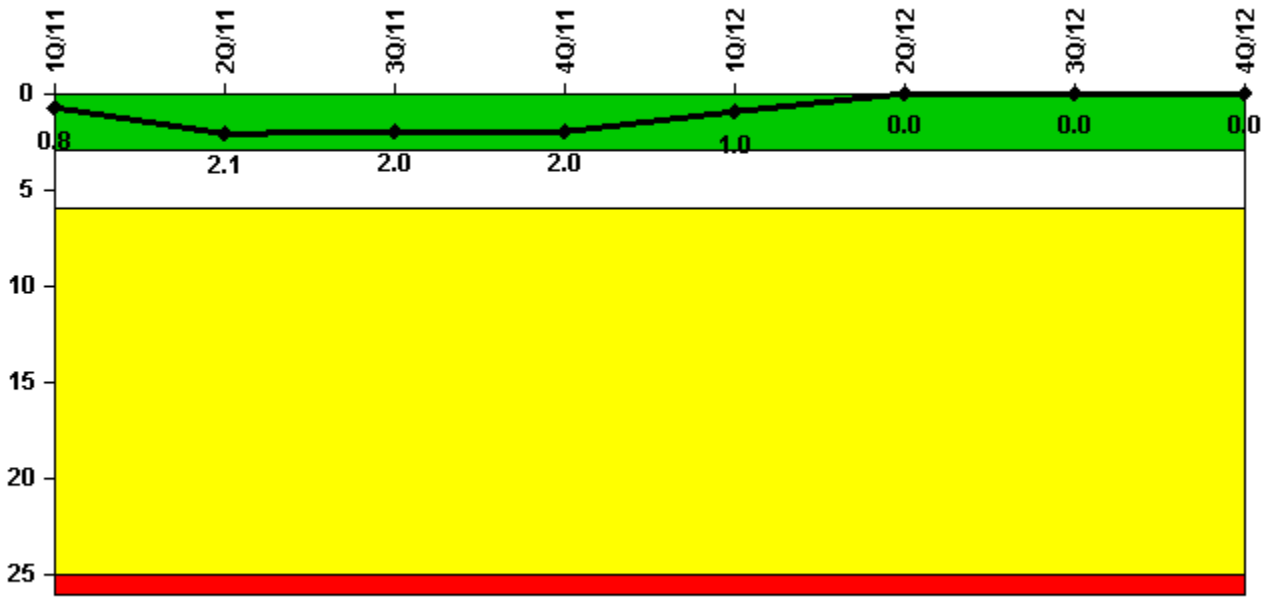


Surry 2

4Q/2012 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



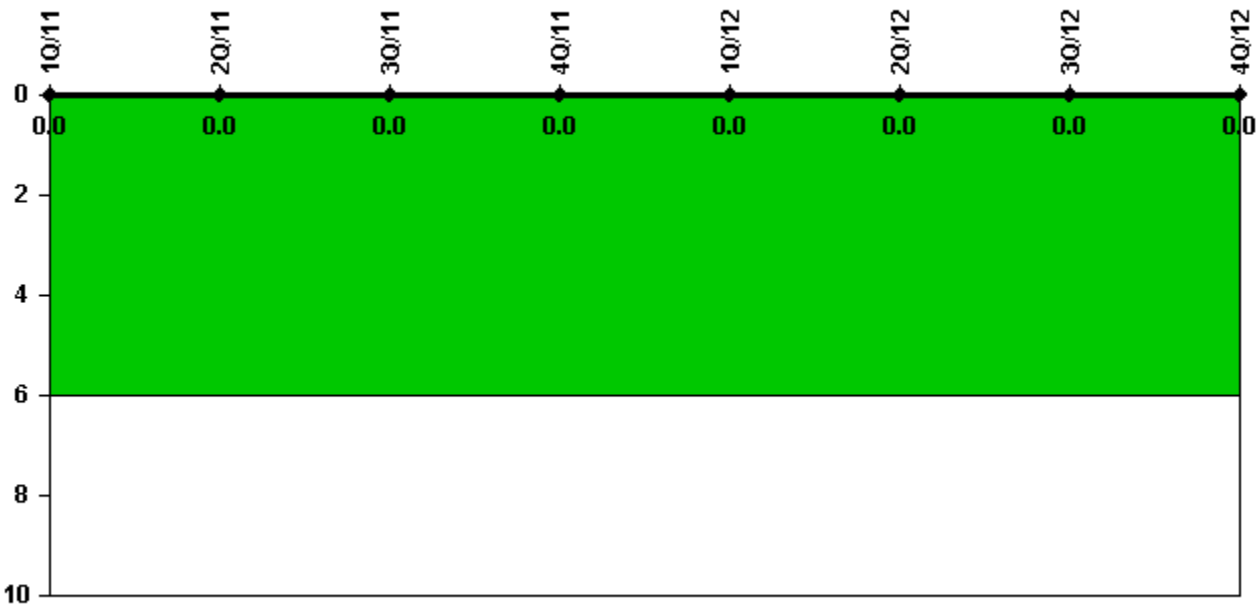
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	1.0	0	0	0	0	0	0
Critical hours	1789.4	623.8	2208.0	2209.0	2183.0	2184.0	2208.0	1452.1
Indicator value	0.8	2.1	2.0	2.0	1.0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



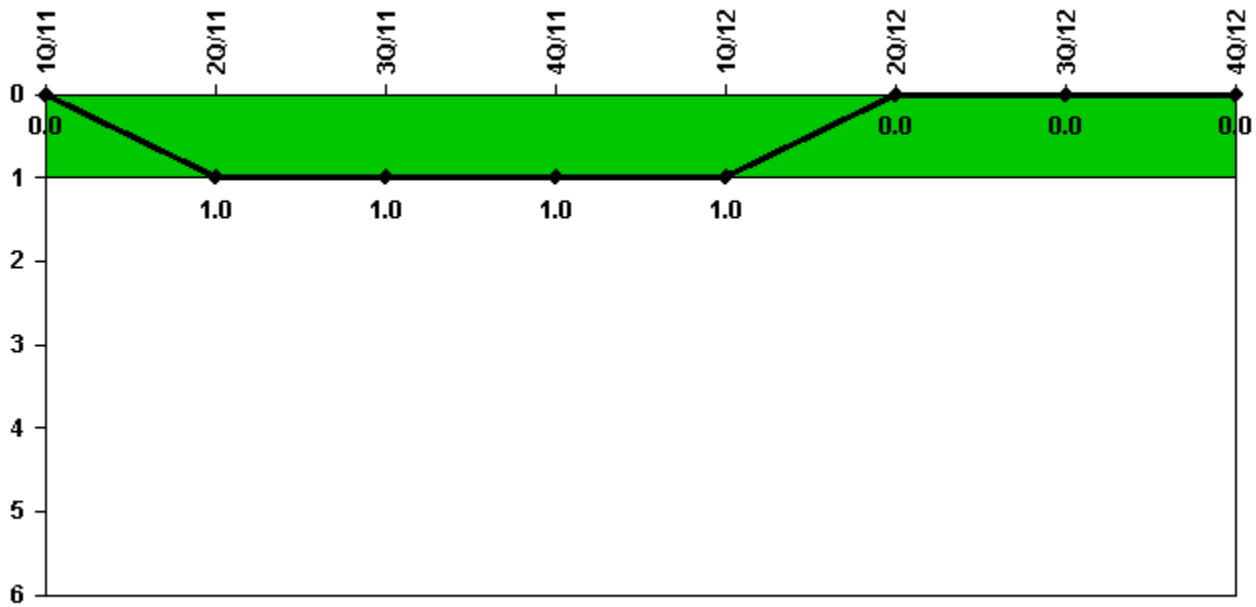
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	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	1789.4	623.8	2208.0	2209.0	2183.0	2184.0	2208.0	1452.1
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



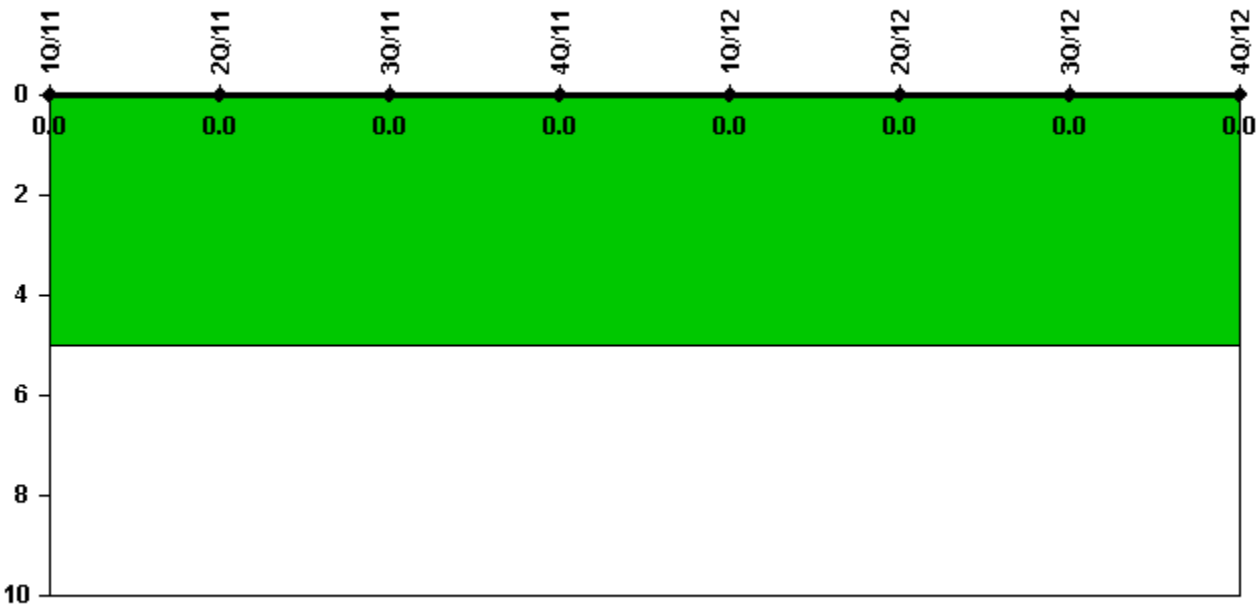
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Scrams 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)



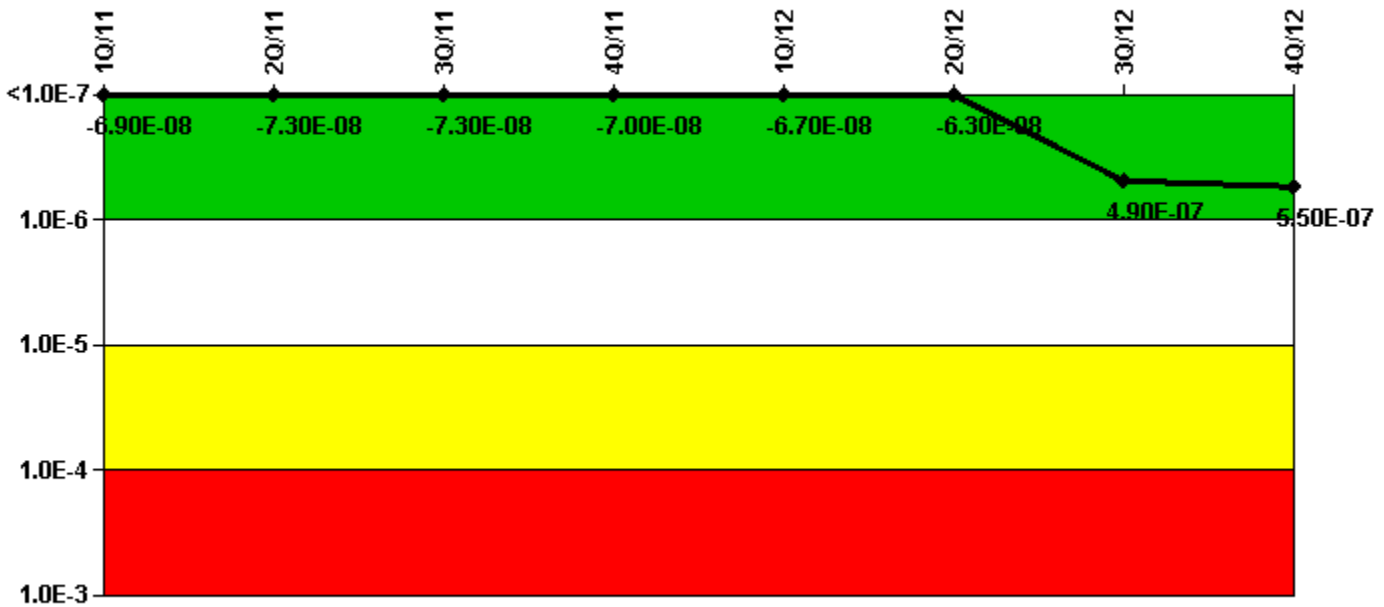
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/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	0	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	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (Δ CDF)	-2.16E-09	-2.05E-09	-2.69E-09	-2.99E-09	-3.00E-09	-3.00E-09	4.58E-08	2.85E-08
URI (Δ CDF)	-6.72E-08	-7.05E-08	-7.00E-08	-6.73E-08	-6.36E-08	-6.03E-08	4.44E-07	5.21E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.90E-08	-7.30E-08	-7.30E-08	-7.00E-08	-6.70E-08	-6.30E-08	4.90E-07	5.50E-07

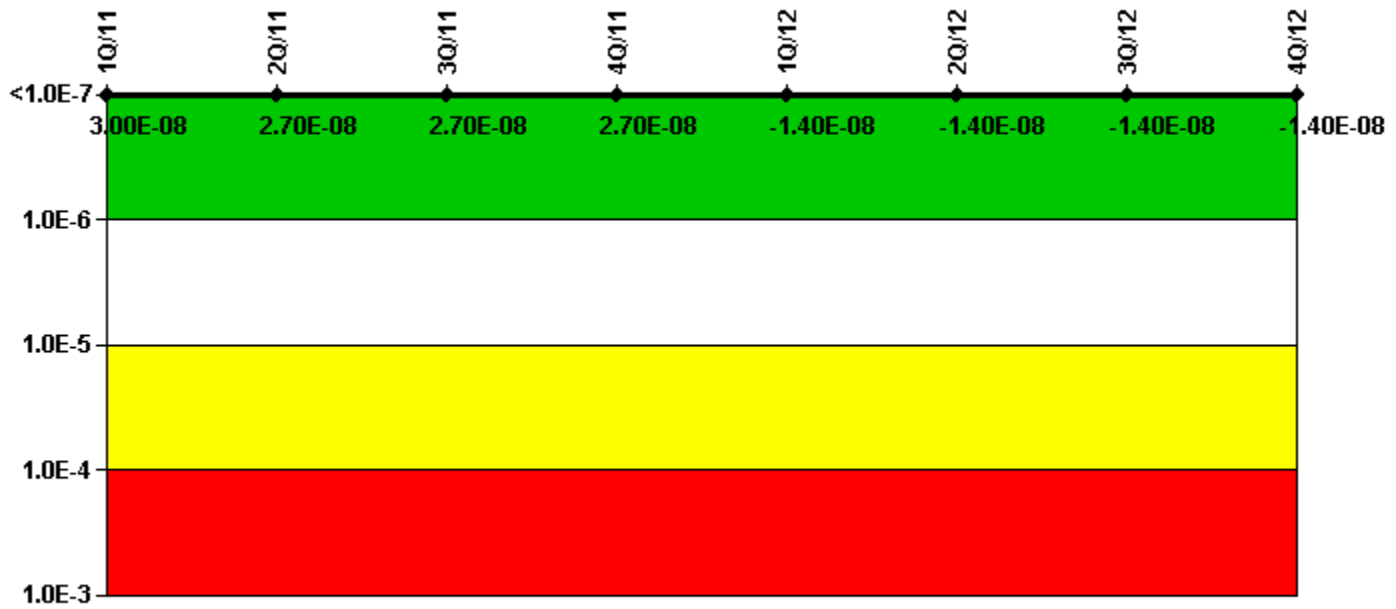
Licensee Comments:

4Q/12: Risk Cap Invoked. An evaluation for an August run failure of #2 emergency diesel was completed. Therefore historical data for August 2012 was changed with no change in color.

3Q/12: Risk Cap Invoked.

1Q/11: An NRC assessment identified several instances of unplanned unavailability and post maintenance test demands that were reported incorrectly. Historical data was corrected with no change in color.

Mitigating Systems Performance Index, High Pressure Injection System



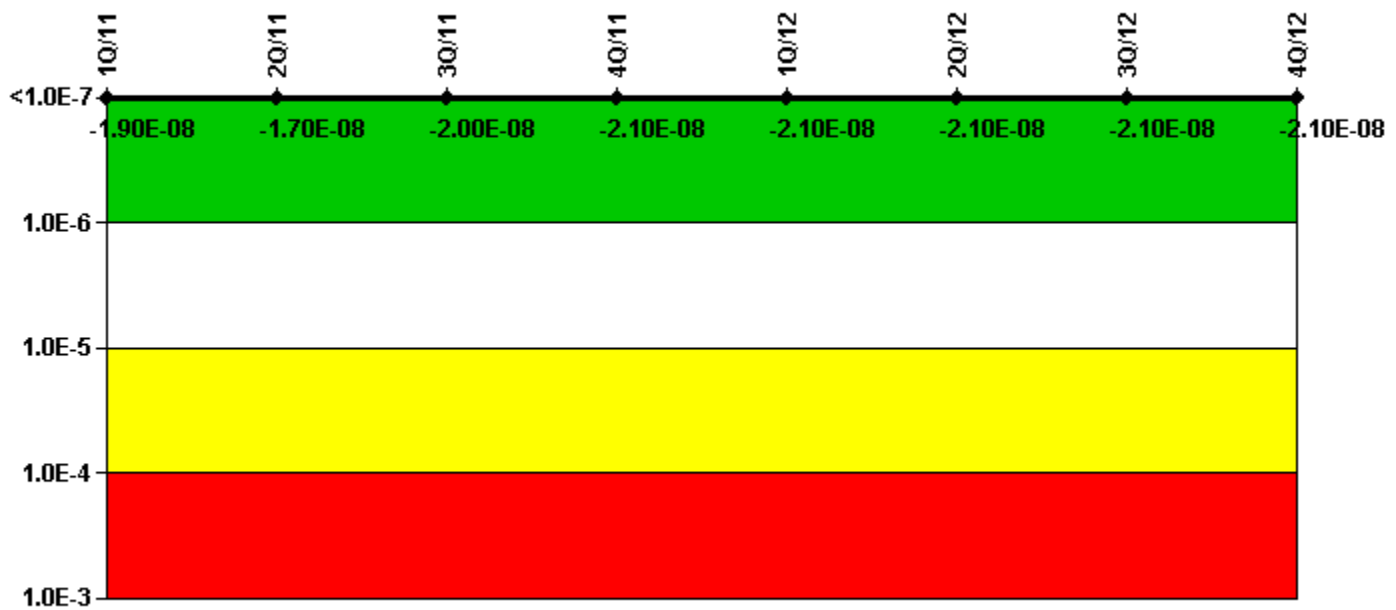
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	4.47E-09	1.55E-09	1.68E-09	2.30E-09	1.95E-09	1.92E-09	1.32E-09	1.31E-09
URI (Δ CDF)	2.57E-08	2.56E-08	2.50E-08	2.47E-08	-1.58E-08	-1.55E-08	-1.51E-08	-1.52E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.00E-08	2.70E-08	2.70E-08	2.70E-08	-1.40E-08	-1.40E-08	-1.40E-08	-1.40E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



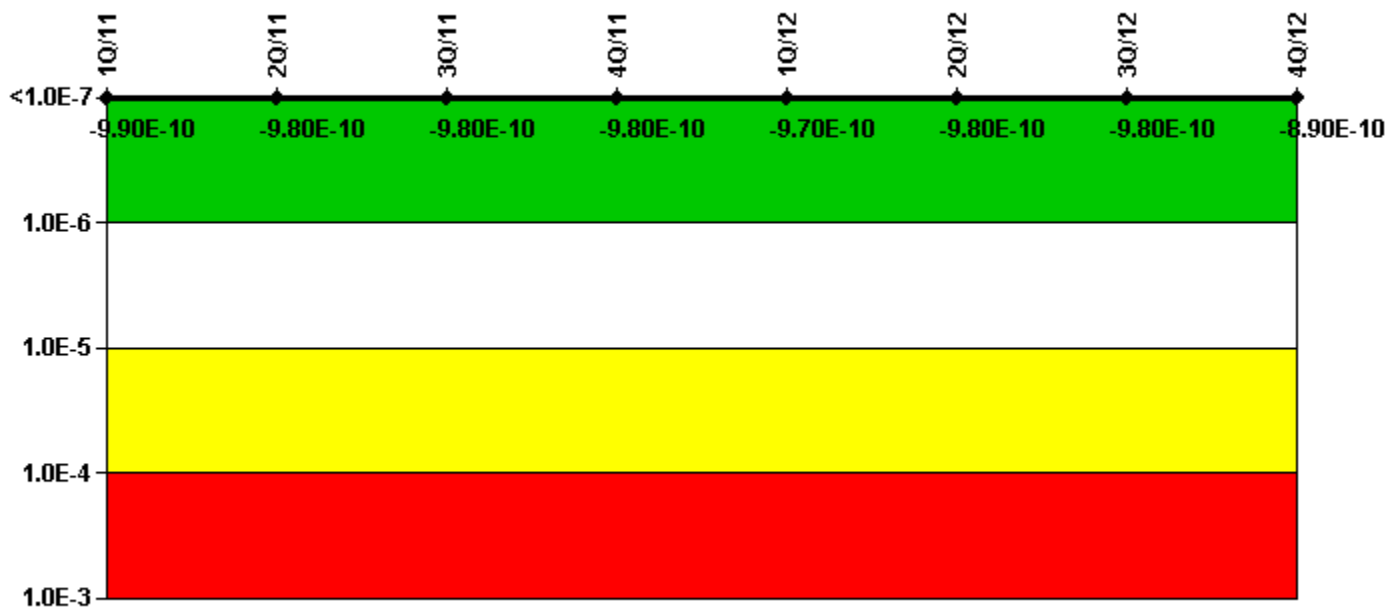
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (Δ CDF)	-2.36E-09	-1.49E-09	-5.50E-09	-5.77E-09	-5.77E-09	-5.72E-09	-5.69E-09	-5.68E-09
URI (Δ CDF)	-1.65E-08	-1.54E-08	-1.49E-08	-1.49E-08	-1.54E-08	-1.49E-08	-1.49E-08	-1.54E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.90E-08	-1.70E-08	-2.00E-08	-2.10E-08	-2.10E-08	-2.10E-08	-2.10E-08	-2.10E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



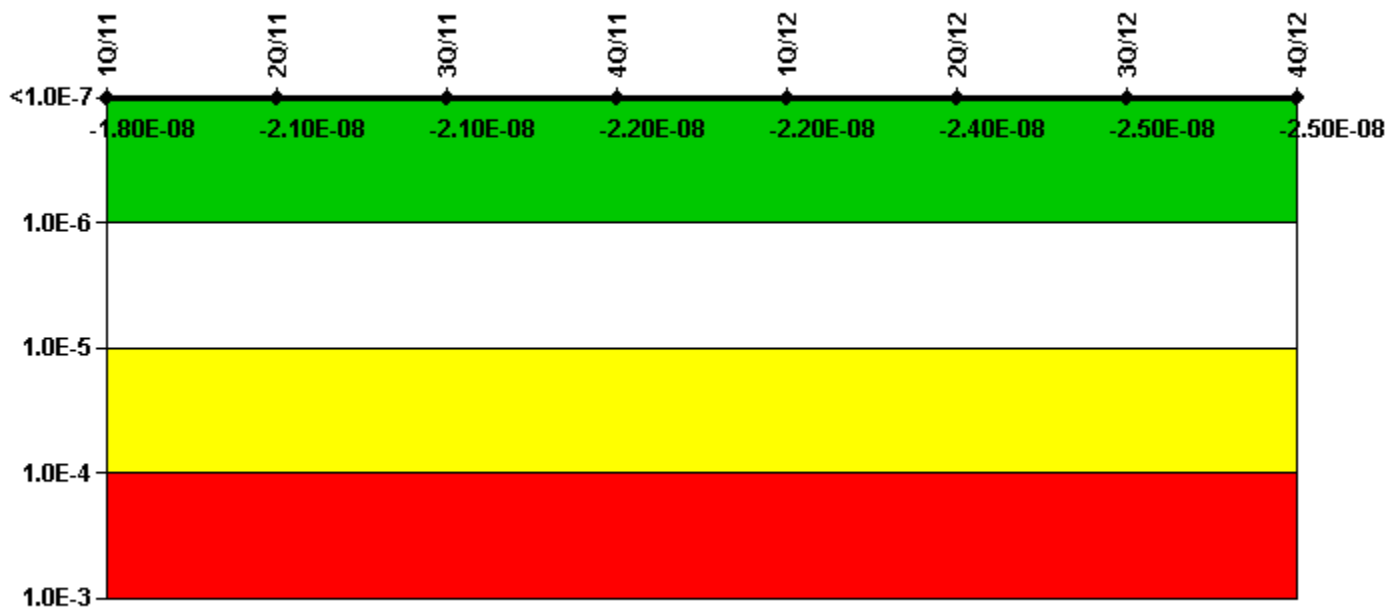
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (Δ CDF)	9.76E-11	1.13E-10	1.25E-10	1.30E-10	1.53E-10	1.50E-10	1.46E-10	1.47E-10
URI (Δ CDF)	-1.08E-09	-1.09E-09	-1.10E-09	-1.11E-09	-1.13E-09	-1.13E-09	-1.13E-09	-1.03E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-9.90E-10	-9.80E-10	-9.80E-10	-9.80E-10	-9.70E-10	-9.80E-10	-9.80E-10	-8.90E-10

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



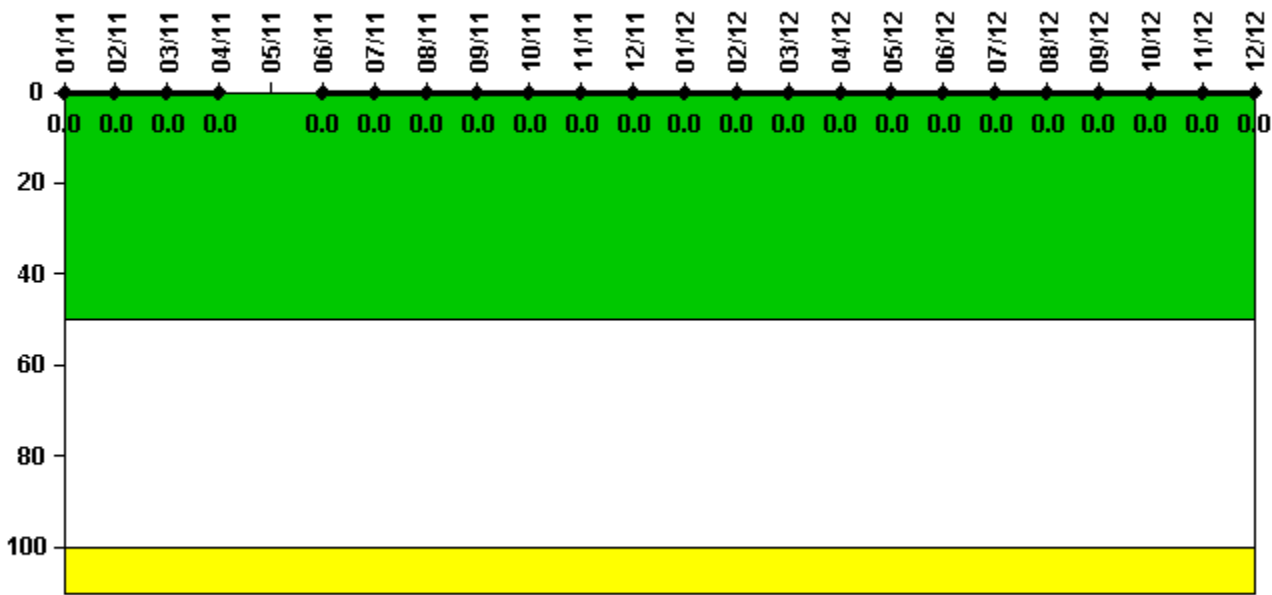
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (Δ CDF)	4.37E-09	2.11E-09	1.38E-09	1.21E-09	1.01E-09	7.76E-13	-1.53E-09	-1.34E-09
URI (Δ CDF)	-2.23E-08	-2.28E-08	-2.27E-08	-2.31E-08	-2.35E-08	-2.37E-08	-2.39E-08	-2.34E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.80E-08	-2.10E-08	-2.10E-08	-2.20E-08	-2.20E-08	-2.40E-08	-2.50E-08	-2.50E-08

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

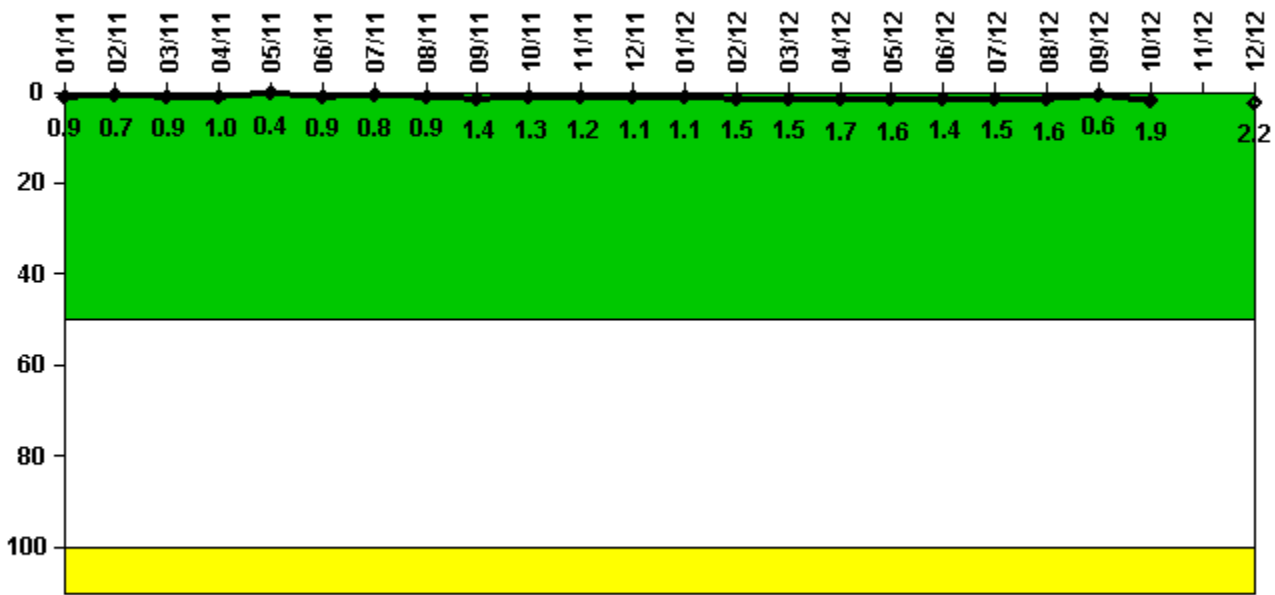
Notes

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	0.000256	0.000266	0.000277	0.000281	N/A	0.000140	0.000120	0.000131	0.000212	0.000155	0.000315	0.000198
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	N/A	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	0.000149	0.000196	0.000185	0.000231	0.000202	0.000165	0.000174	0.000202	0.000224	0.000190	0.000180	0.000132
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



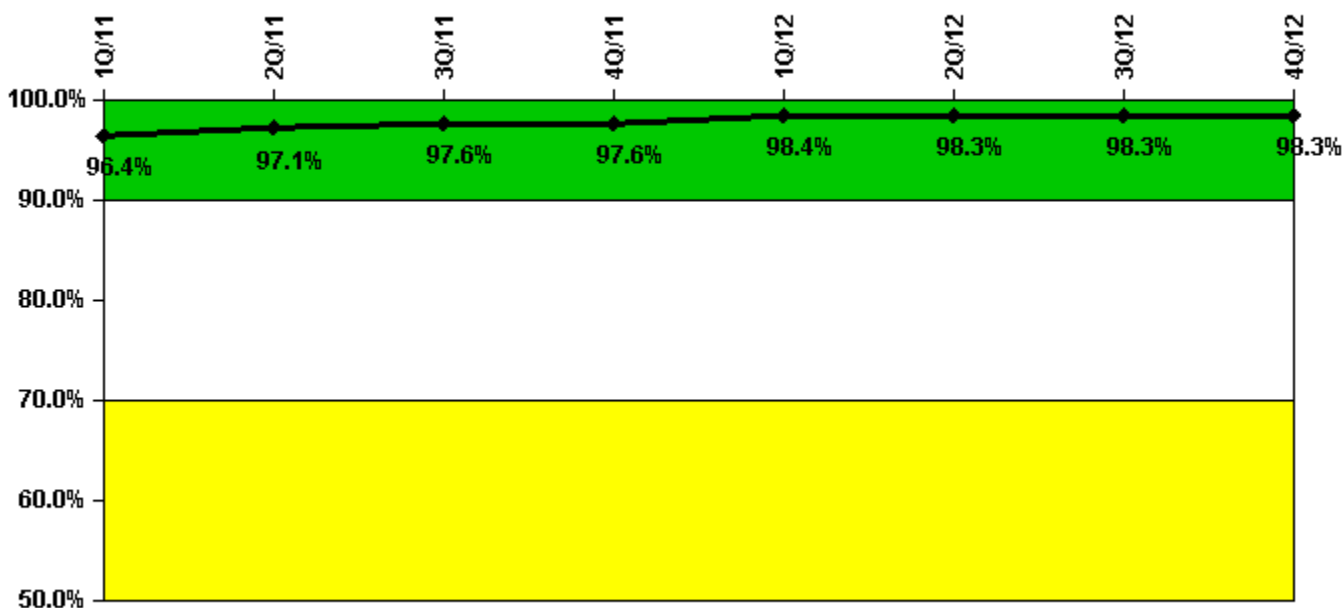
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	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	0.090	0.070	0.090	0.100	0.043	0.090	0.080	0.090	0.140	0.130	0.120	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	0.9	0.7	0.9	1.0	0.4	0.9	0.8	0.9	1.4	1.3	1.2	1.1
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	0.110	0.150	0.150	0.170	0.160	0.140	0.150	0.160	0.060	0.190	N/A	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	1.5	1.5	1.7	1.6	1.4	1.5	1.6	0.6	1.9	N/A	2.2

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

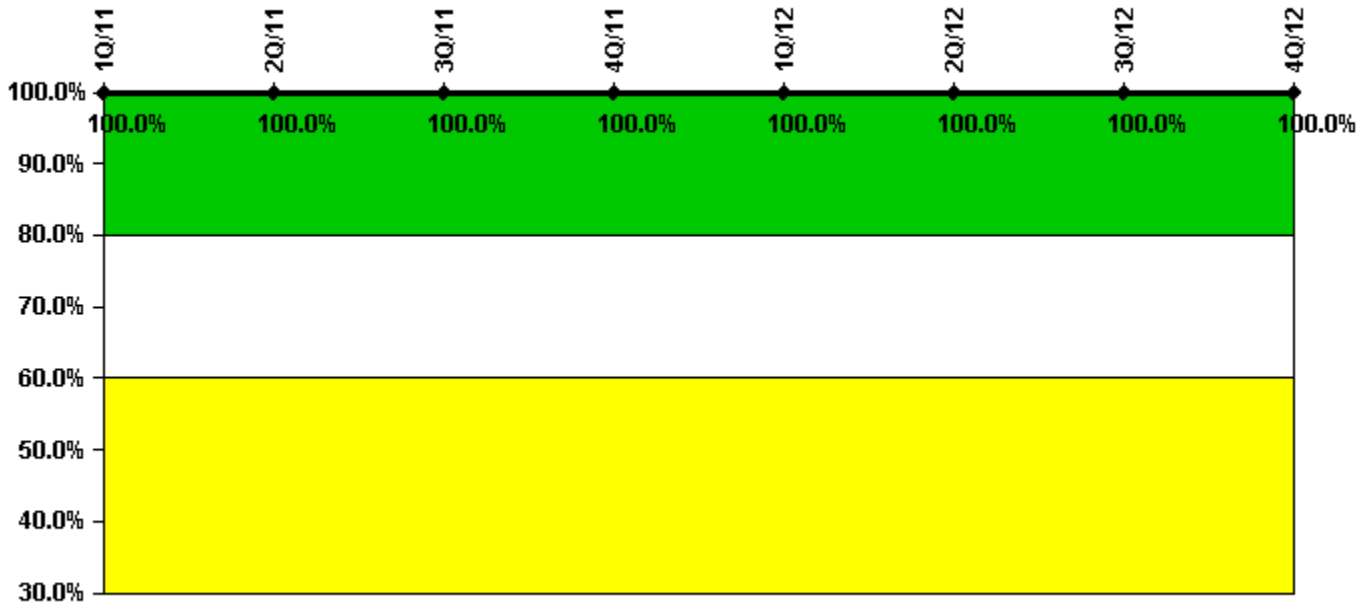
Notes

Drill/Exercise Performance	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Successful opportunities	31.0	27.0	31.0	27.0	38.0	24.0	32.0	24.0
Total opportunities	32.0	28.0	31.0	27.0	38.0	26.0	32.0	24.0
Indicator value	96.4%	97.1%	97.6%	97.6%	98.4%	98.3%	98.3%	98.3%

Licensee Comments:

3Q/11: An NRC assessment determined a missed classification occurred in June 2011. Historical data was corrected with no change in color.

ERO Drill Participation



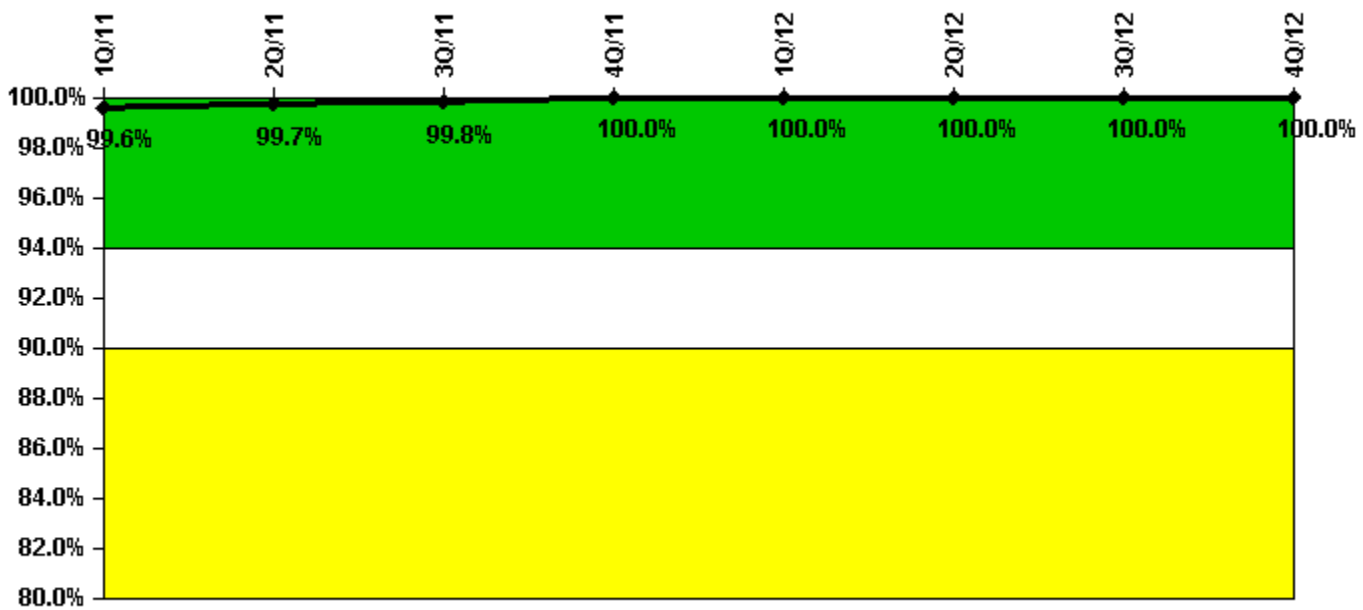
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Participating Key personnel	132.0	139.0	138.0	141.0	153.0	150.0	151.0	155.0
Total Key personnel	132.0	139.0	138.0	141.0	153.0	150.0	151.0	155.0
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%

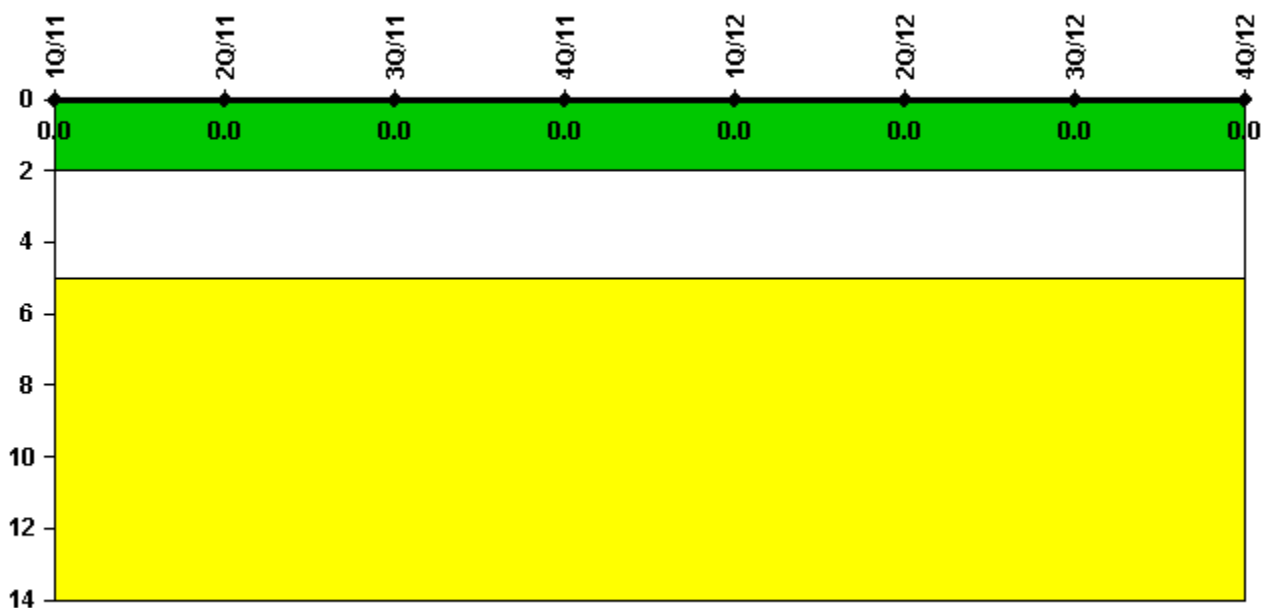
Notes

Alert & Notification System	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Successful siren-tests	476	544	476	544	476	544	476	559
Total sirens-tests	476	544	476	544	476	544	476	559
Indicator value	99.6%	99.7%	99.8%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments:

2Q/11: A self-assessment identified a siren activation test was not counted in March 2011. Historical data was corrected with no change in color.

Occupational Exposure Control Effectiveness



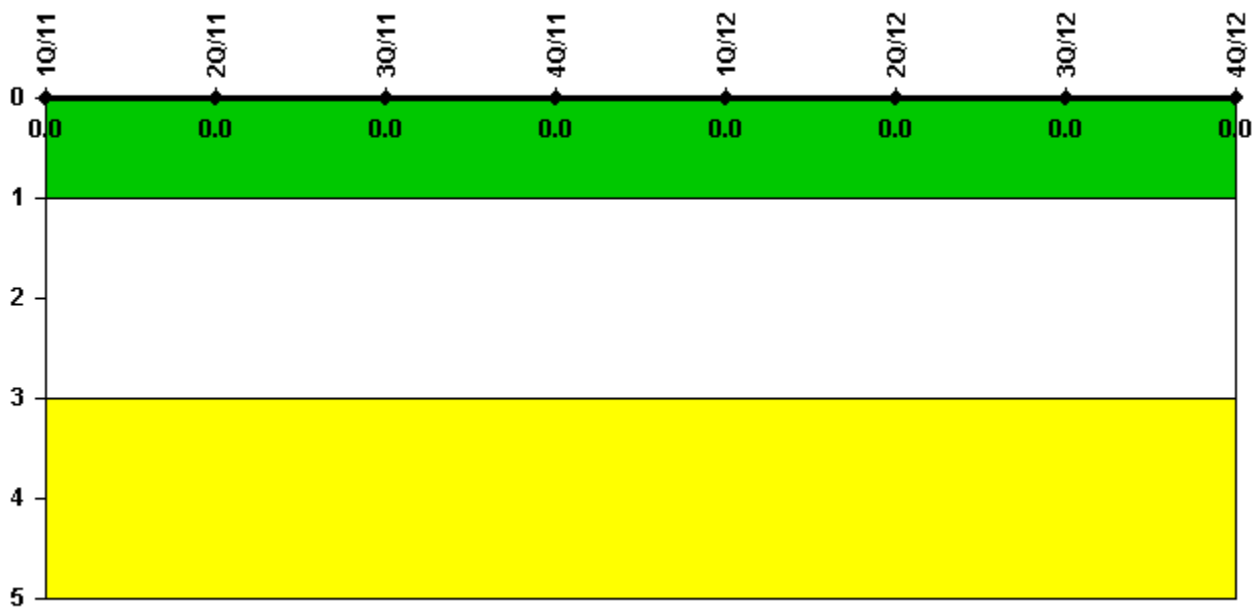
Thresholds: White > 2.0 Yellow > 5.0

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	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/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.