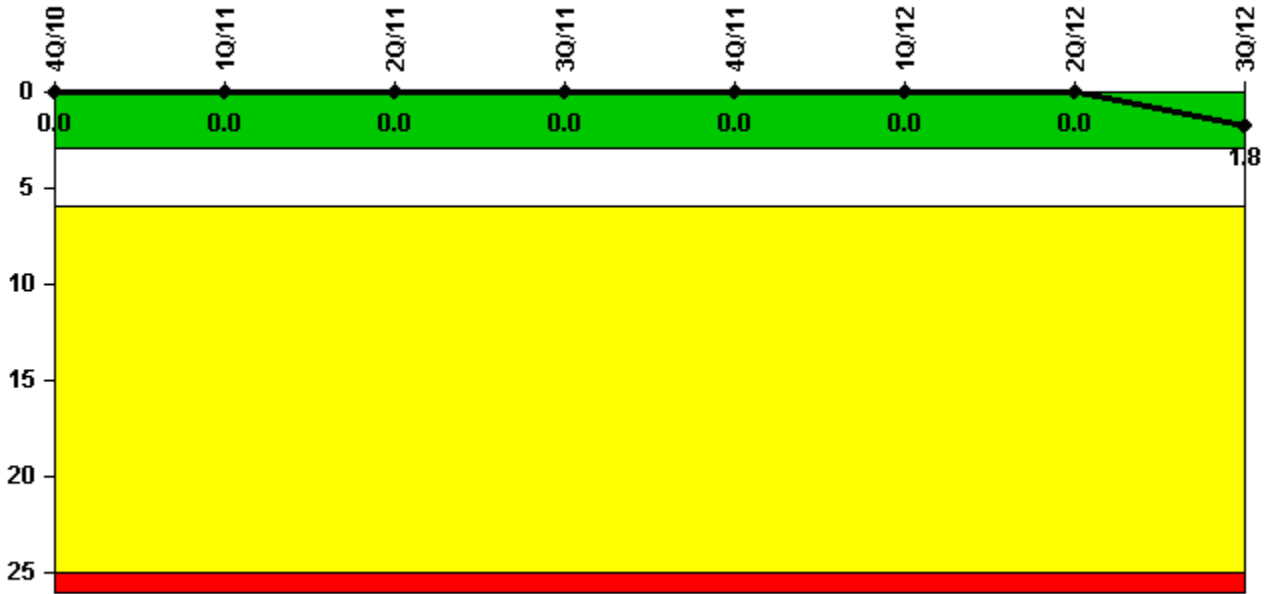


Three Mile Island 1

3Q/2012 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



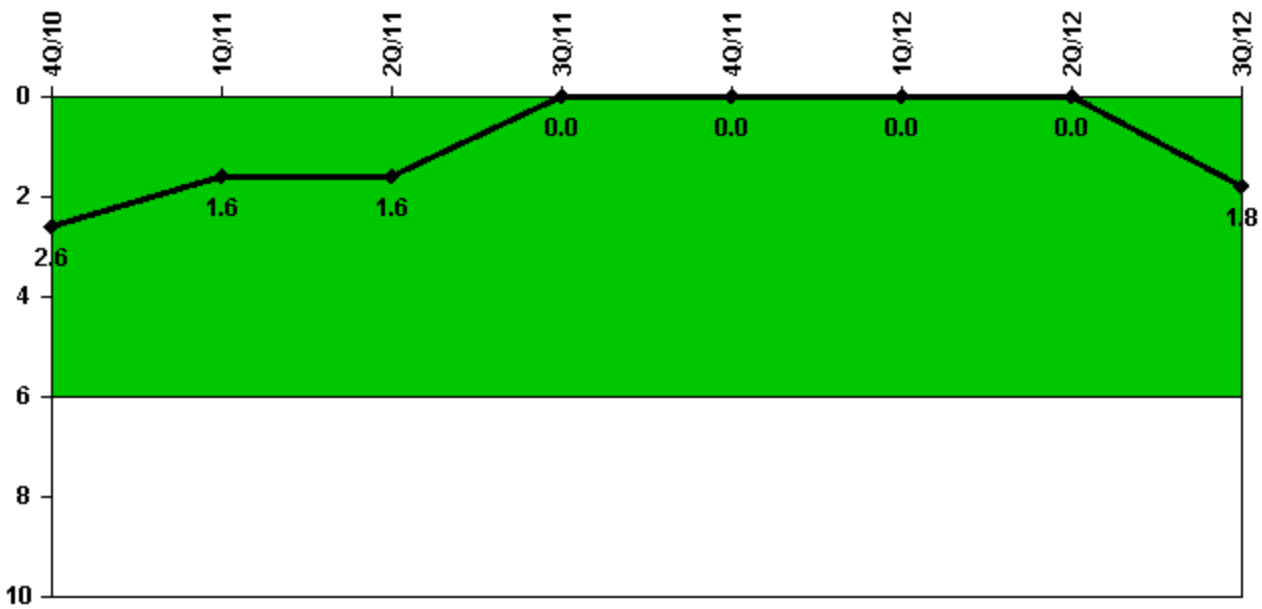
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	2.0
Critical hours	2209.0	2159.0	2184.0	2208.0	1456.6	2183.0	2184.0	1881.7
Indicator value	0	0	0	0	0	0	0	1.8

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



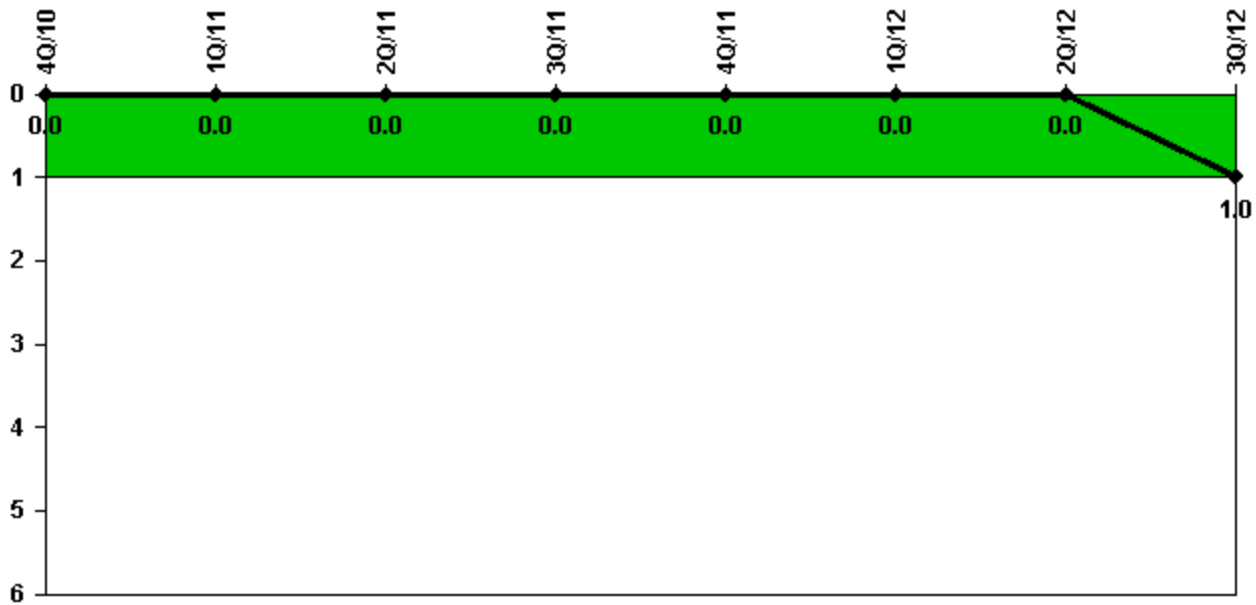
Thresholds: White > 6.0

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	0	0	2.0
Critical hours	2209.0	2159.0	2184.0	2208.0	1456.6	2183.0	2184.0	1881.7
Indicator value	2.6	1.6	1.6	0	0	0	0	1.8

Licensee Comments: none

Unplanned Scrams with Complications



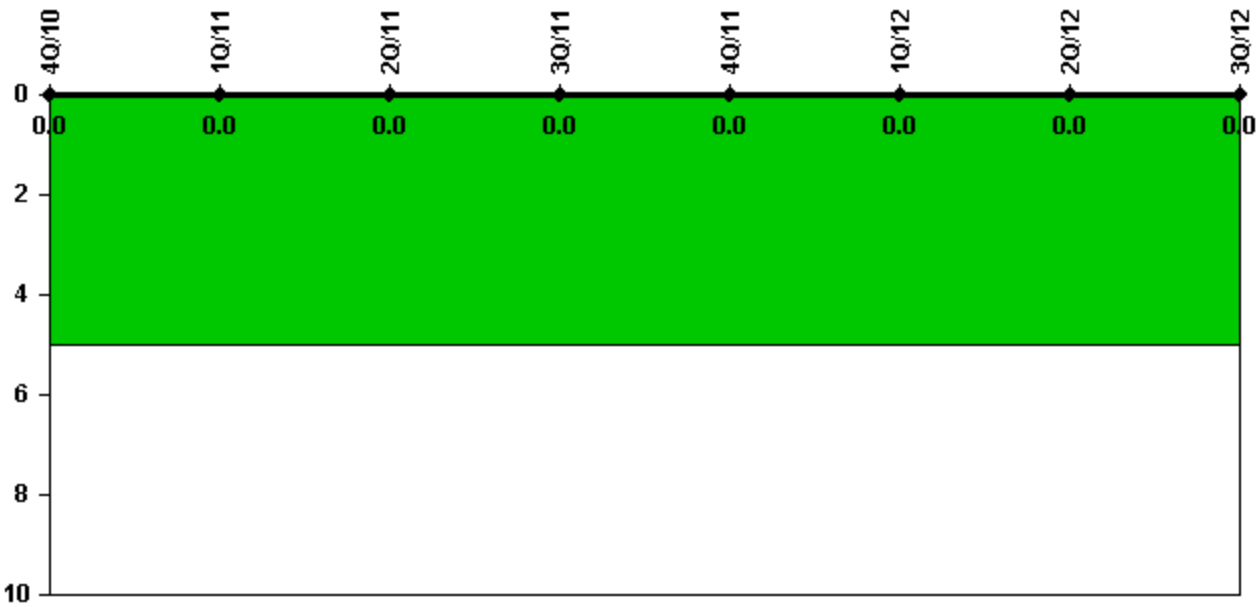
Thresholds: White > 1.0

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	1.0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0

Licensee Comments: none

Safety System Functional Failures (PWR)



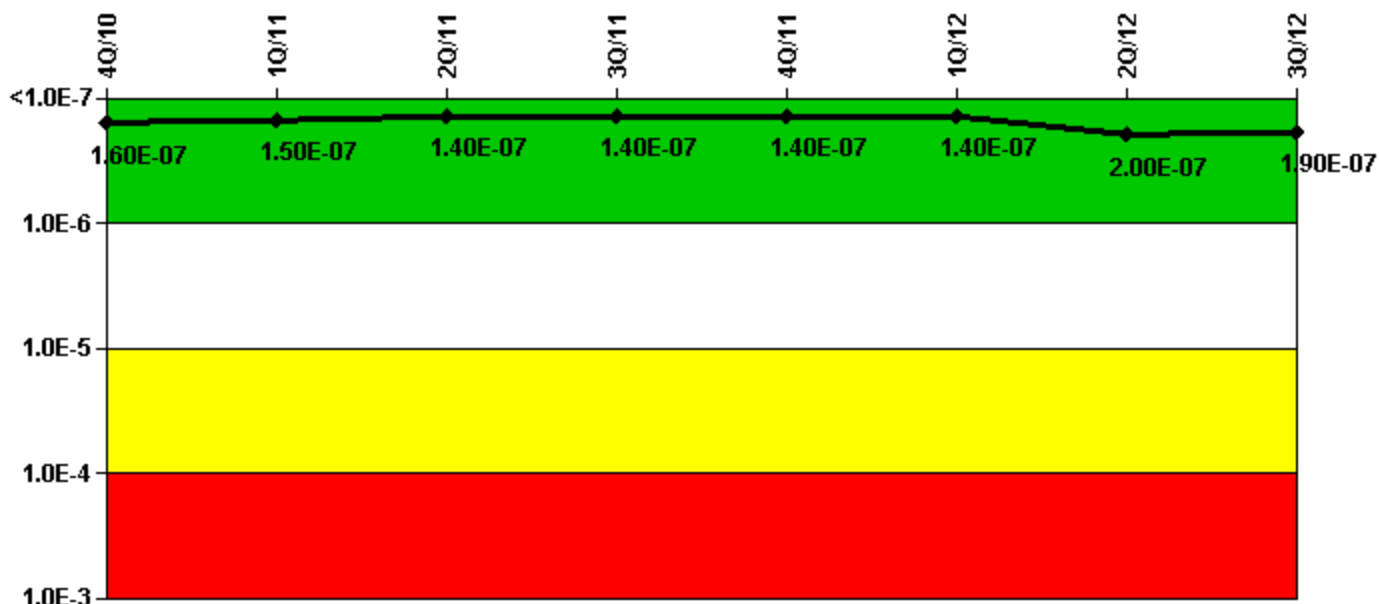
Thresholds: White > 5.0

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	0	0	0	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



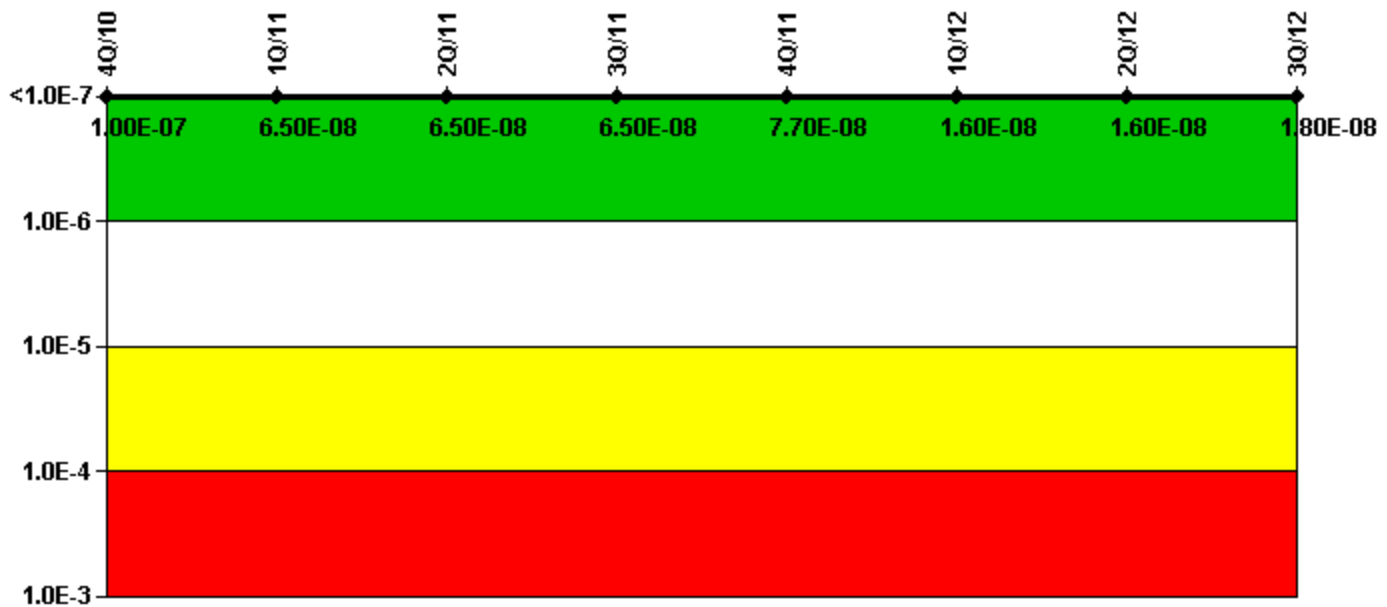
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
UAI (Δ CDF)	-8.60E-09	-1.52E-08	-2.91E-08	-2.91E-08	-2.91E-08	-2.26E-08	3.79E-08	2.72E-08
URI (Δ CDF)	1.69E-07	1.67E-07	1.66E-07	1.66E-07	1.67E-07	1.66E-07	1.64E-07	1.66E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.60E-07	1.50E-07	1.40E-07	1.40E-07	1.40E-07	1.40E-07	2.00E-07	1.90E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



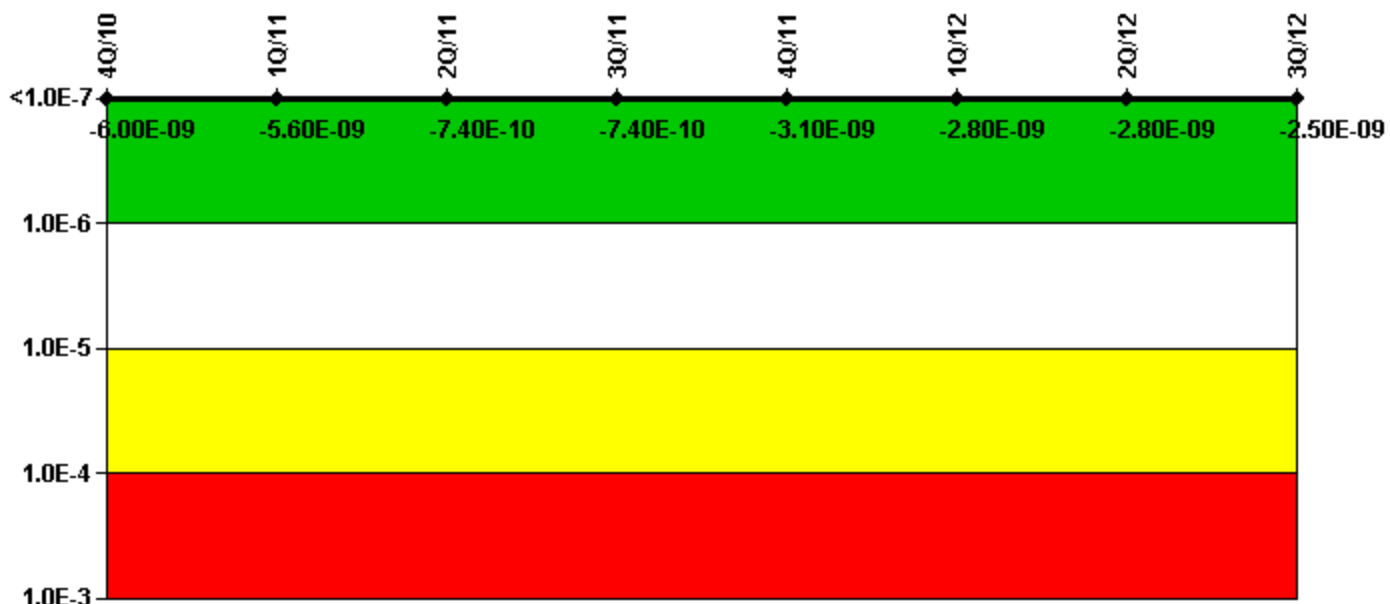
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (Δ CDF)	1.30E-07	9.19E-08	9.19E-08	9.19E-08	1.04E-07	4.27E-08	4.27E-08	4.45E-08
URI (Δ CDF)	-2.70E-08	-2.70E-08	-2.70E-08	-2.70E-08	-2.70E-08	-2.70E-08	-2.70E-08	-2.70E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.00E-07	6.50E-08	6.50E-08	6.50E-08	7.70E-08	1.60E-08	1.60E-08	1.80E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



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

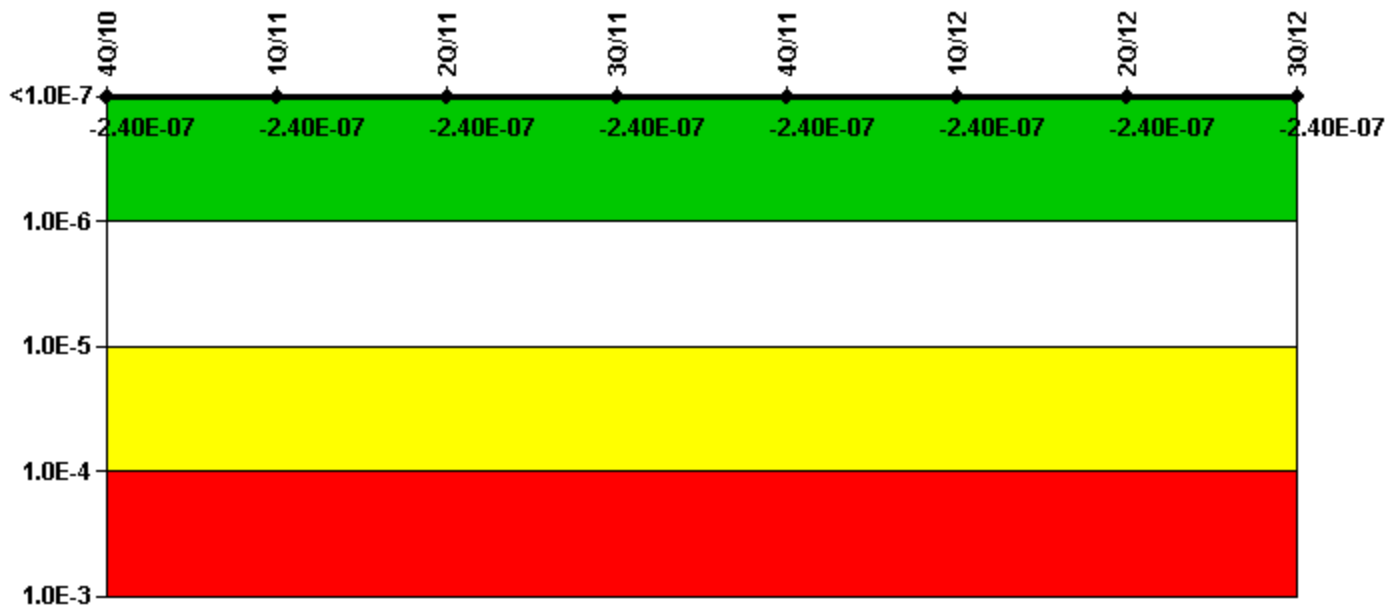
Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
UAI (Δ CDF)	3.70E-09	4.13E-09	9.00E-09	9.00E-09	6.67E-09	6.93E-09	6.93E-09	7.67E-09
URI (Δ CDF)	-9.75E-09	-9.75E-09	-9.75E-09	-9.75E-09	-9.75E-09	-9.75E-09	-9.75E-09	-1.02E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.00E-09	-5.60E-09	-7.40E-10	-7.40E-10	-3.10E-09	-2.80E-09	-2.80E-09	-2.50E-09

Licensee Comments:

4Q/11: EF-V-2A unavailability corrected by 36.0 hours in March 2011 due to math error. No impact to system color, which remains Green with over 4 million hours of Margin.

Mitigating Systems Performance Index, Residual Heat Removal System



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

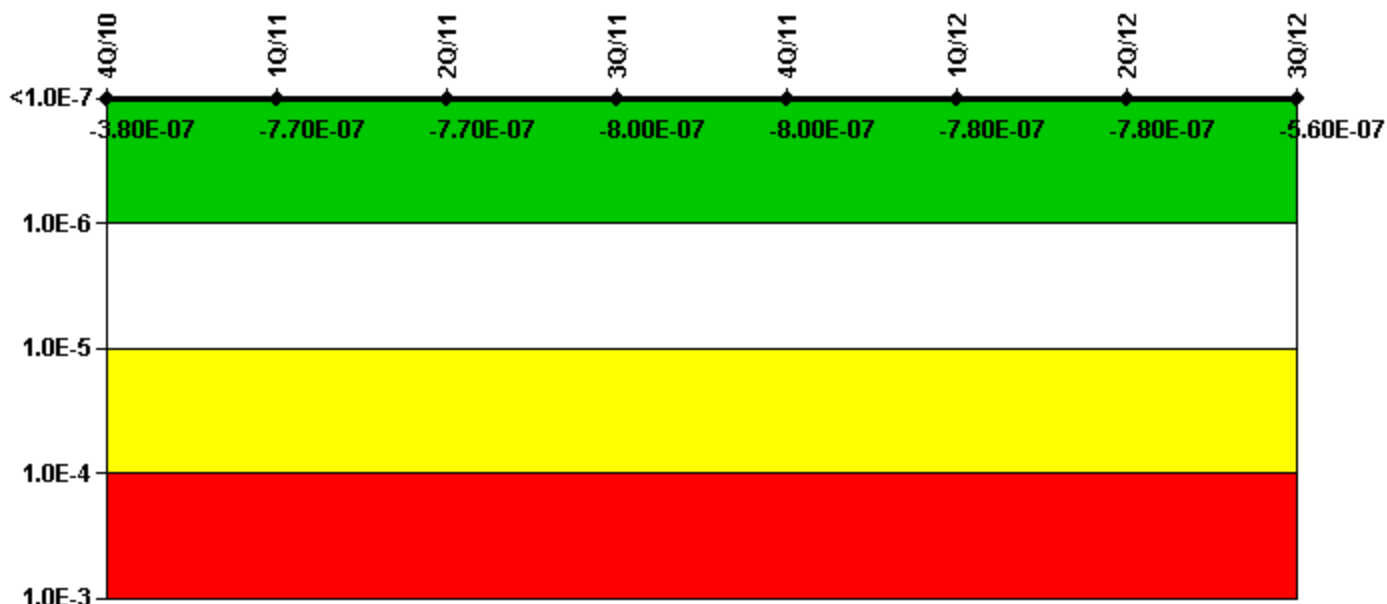
Notes

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)	-5.76E-08	-5.76E-08	-5.76E-08	-5.76E-08	-5.76E-08	-5.76E-08	-5.76E-08	-5.76E-08
URI (Δ CDF)	-1.85E-07	-1.85E-07	-1.85E-07	-1.85E-07	-1.85E-07	-1.85E-07	-1.85E-07	-1.85E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.40E-07	-2.40E-07	-2.40E-07	-2.40E-07	-2.40E-07	-2.40E-07	-2.40E-07	-2.40E-07

Licensee Comments:

4Q/11: LPI-A unavailability corrected by 10.0 hours in OCT 2010 and LPI-B UA corrected by 2.5 hrs in Jan 2011 due to testing. No impact to system color, which remains Green.

Mitigating Systems Performance Index, Cooling Water Systems



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

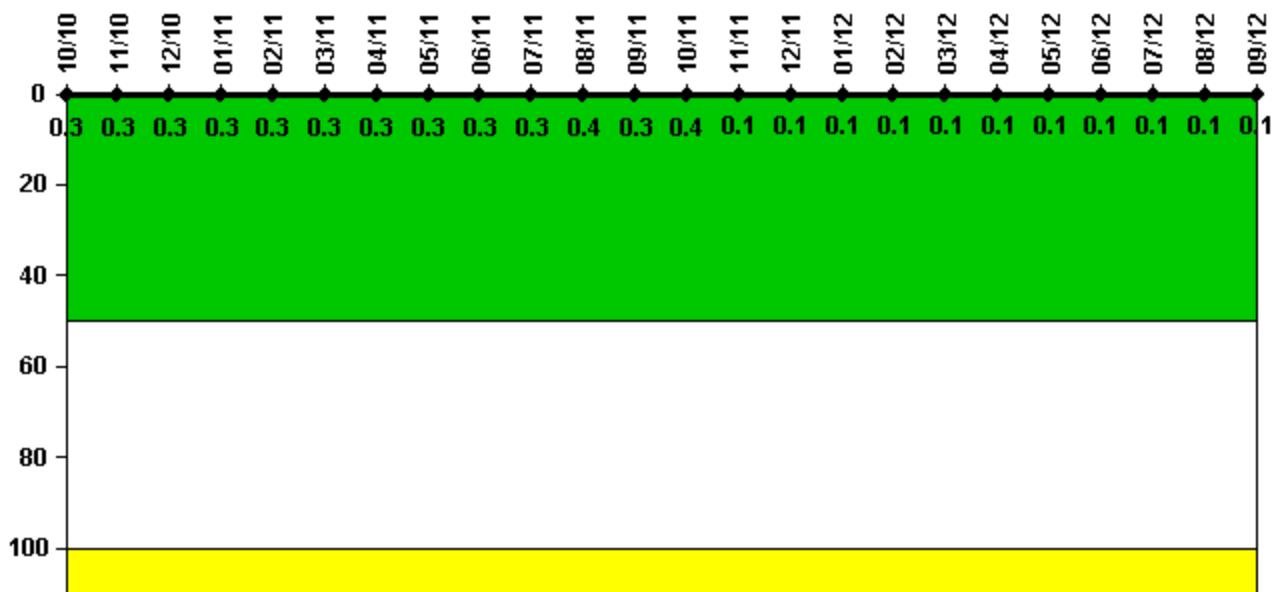
Notes

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)	3.63E-08	-7.47E-09	-7.38E-09	-8.54E-09	-8.35E-09	4.06E-09	3.65E-09	2.98E-09
URI (Δ CDF)	-4.19E-07	-7.59E-07	-7.59E-07	-7.88E-07	-7.88E-07	-7.88E-07	-7.88E-07	-5.66E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.80E-07	-7.70E-07	-7.70E-07	-8.00E-07	-8.00E-07	-7.80E-07	-7.80E-07	-5.60E-07

Licensee Comments:

4Q/10: NR-P-1A unavailability corrected by 21.0 hours in July 2010 that hadn't previously been recognized. No impact to system color, which remains Green.

Reactor Coolant System Activity



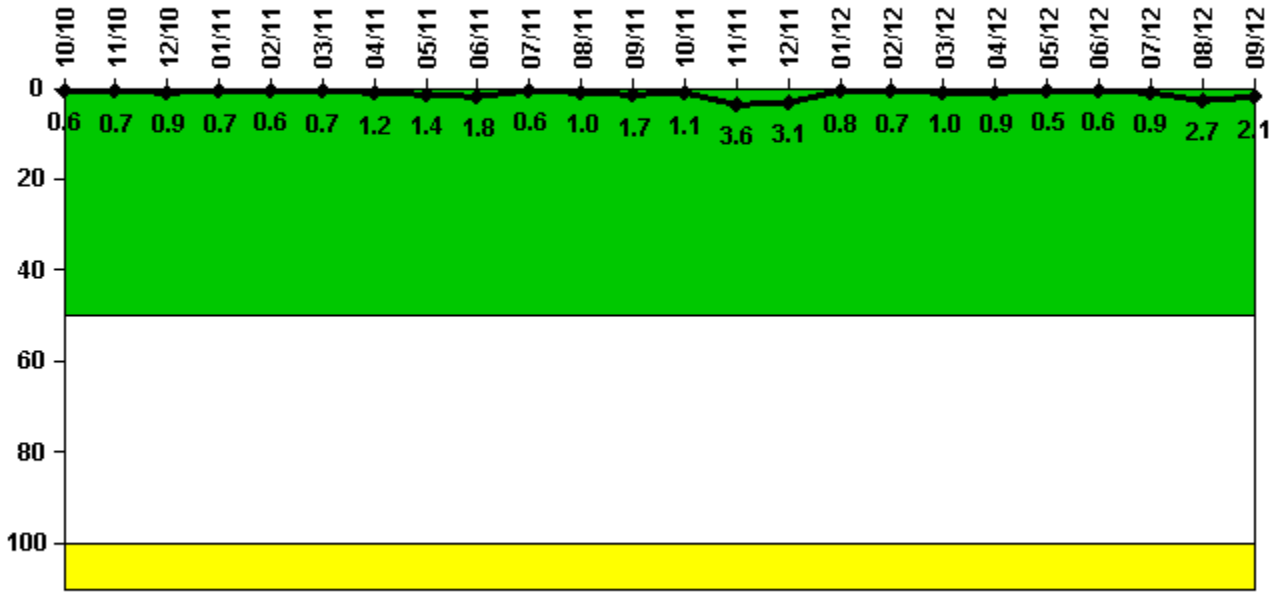
Thresholds: White > 50.0 Yellow > 100.0

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	0.001090	0.001090	0.001020	0.001140	0.001070	0.001060	0.001040	0.001110	0.001180	0.001150	0.001350	0.001220
Technical specification limit	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Indicator value	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3
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	0.001330	0.000374	0.000216	0.000301	0.000199	0.000205	0.000242	0.000250	0.000278	0.000235	0.000258	0.000262
Technical specification limit	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Indicator value	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



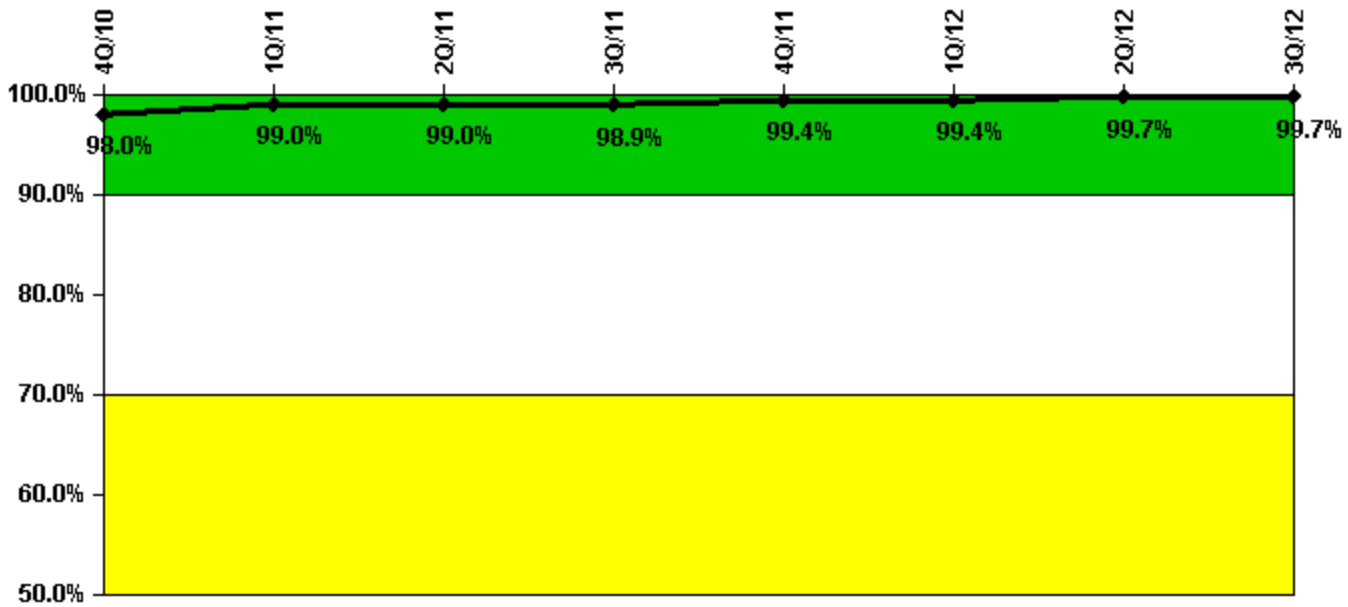
Thresholds: White > 50.0 Yellow > 100.0

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	0.062	0.069	0.085	0.071	0.058	0.074	0.122	0.136	0.184	0.058	0.096	0.165
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	0.6	0.7	0.9	0.7	0.6	0.7	1.2	1.4	1.8	0.6	1.0	1.7
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	0.114	0.362	0.308	0.081	0.074	0.104	0.092	0.046	0.059	0.091	0.269	0.206
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	3.6	3.1	0.8	0.7	1.0	0.9	0.5	0.6	0.9	2.7	2.1

Licensee Comments: none

Drill/Exercise Performance



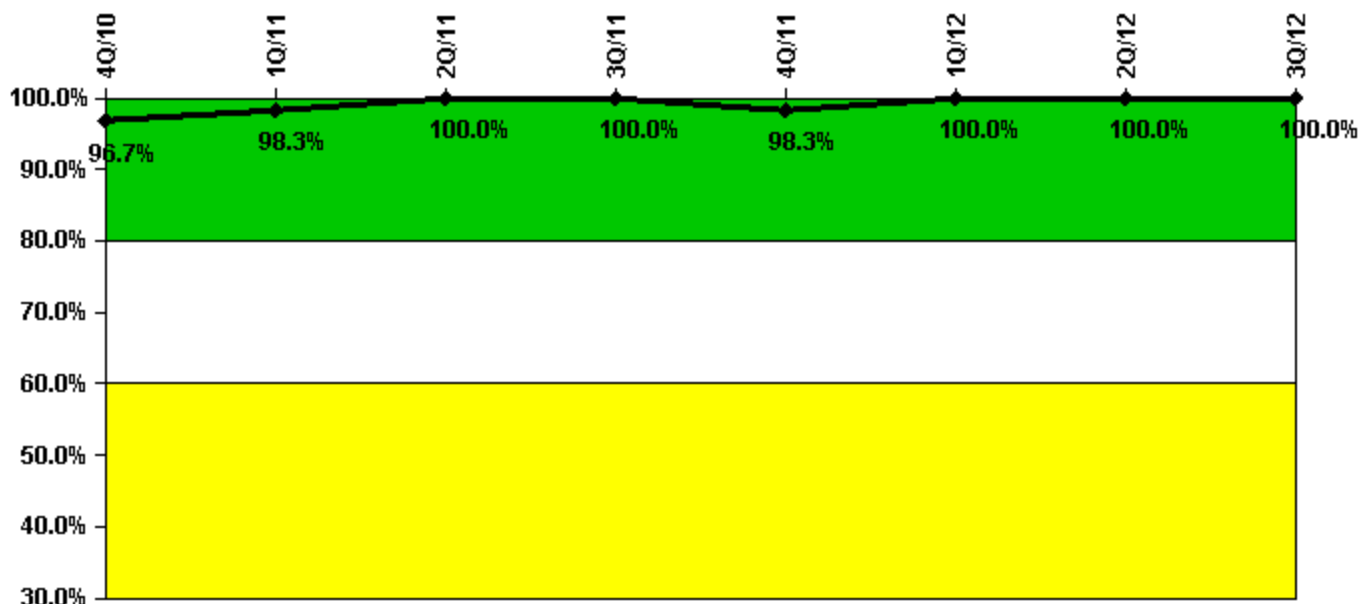
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Successful opportunities	52.0	67.0	40.0	33.0	42.0	50.0	36.0	14.0
Total opportunities	52.0	68.0	40.0	33.0	42.0	50.0	36.0	14.0
Indicator value	98.0%	99.0%	99.0%	98.9%	99.4%	99.4%	99.7%	99.7%

Licensee Comments: none

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

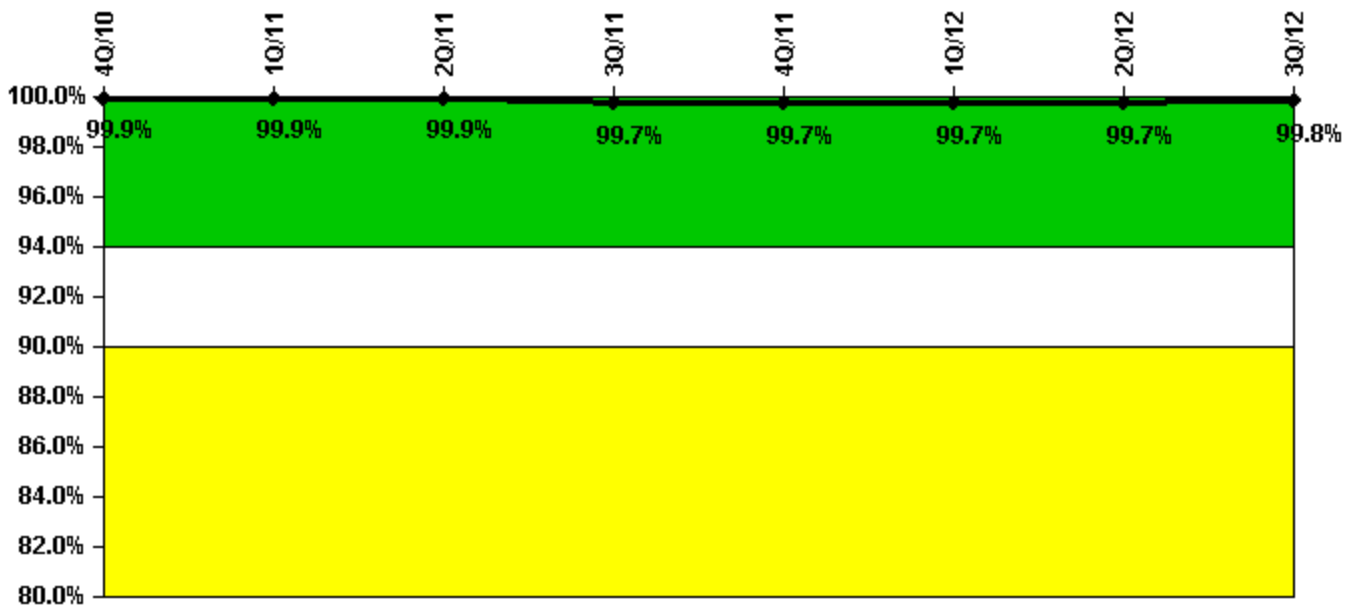
Notes

ERO Drill Participation	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Participating Key personnel	58.0	57.0	62.0	57.0	59.0	60.0	61.0	62.0
Total Key personnel	60.0	58.0	62.0	57.0	60.0	60.0	61.0	62.0
Indicator value	96.7%	98.3%	100.0%	100.0%	98.3%	100.0%	100.0%	100.0%

Licensee Comments:

4Q/10: Credit for the ERO Drill Participation performance indicator was incorrectly applied for newly appointed Key ERO members. The qualification drills for these individuals were counted in this Performance Indicator, but these drills were not evaluated for DEP PI purposes and therefore should not have counted for drill participation per guidance in NEI 99-01 rev 6. Procedures EP-AA-125-1002 and EP-AA-125-1003 did not provide the same level of detail as the NEI 99-1 guidance.

Alert & Notification System



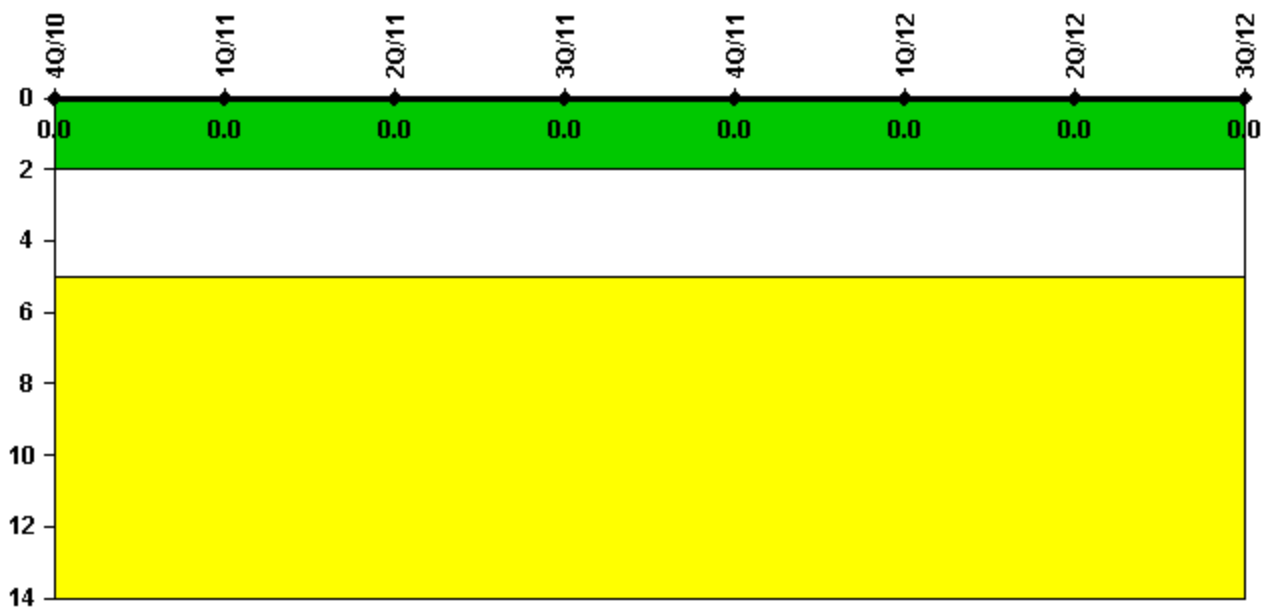
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Successful siren-tests	1247	1247	1246	1239	1245	1247	1245	1246
Total sirens-tests	1248	1248	1248	1248	1248	1248	1248	1248
Indicator value	99.9%	99.9%	99.9%	99.7%	99.7%	99.7%	99.7%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



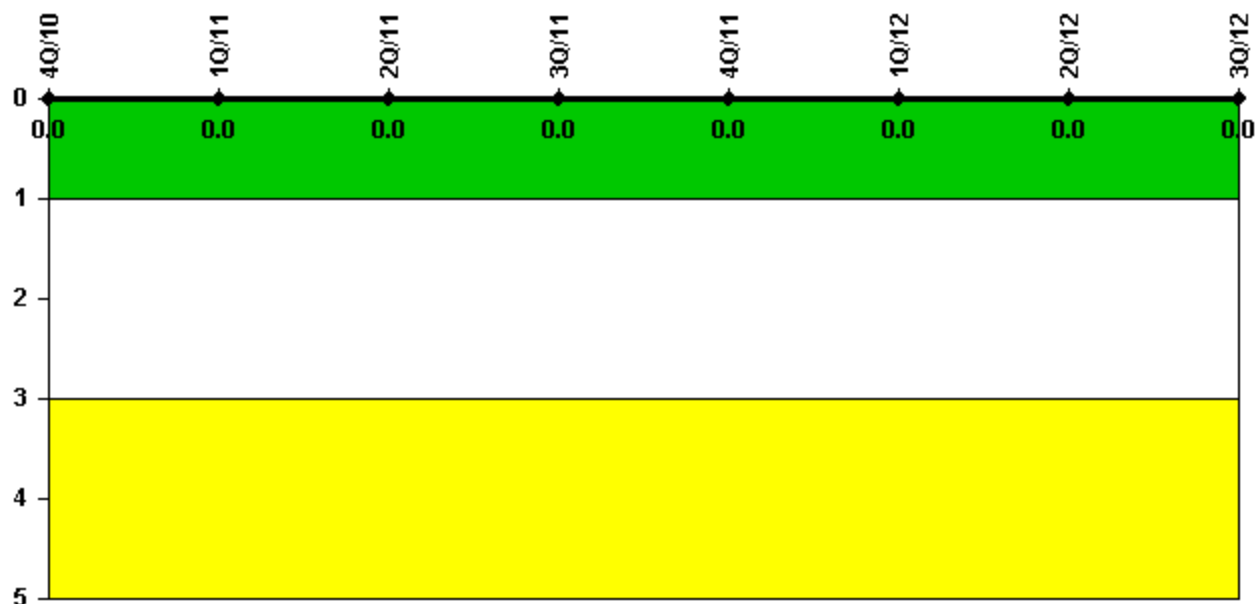
Thresholds: White > 2.0 Yellow > 5.0

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	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	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