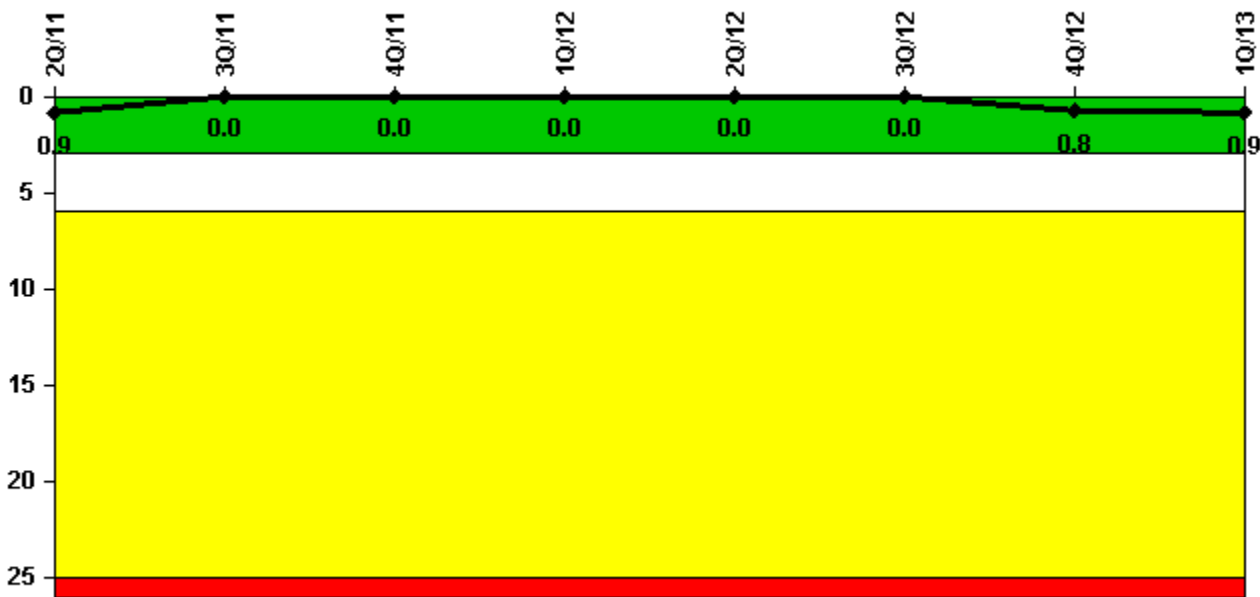


Indian Point 3

1Q/2013 Performance Indicators

Licensee's General Comments: Unplanned power change due to loss of condenser vacuum as a result of the loss of three circulating water pumps caused by a trip of the 138kV supply feeder due to a severe thunderstorm on August 9, 2011. Initially the event was not considered reportable based on exclusion for lightning event. Further review considered the degraded ground grid and its effect on a fully functional protection system and concluded the exclusion was not appropriate..

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

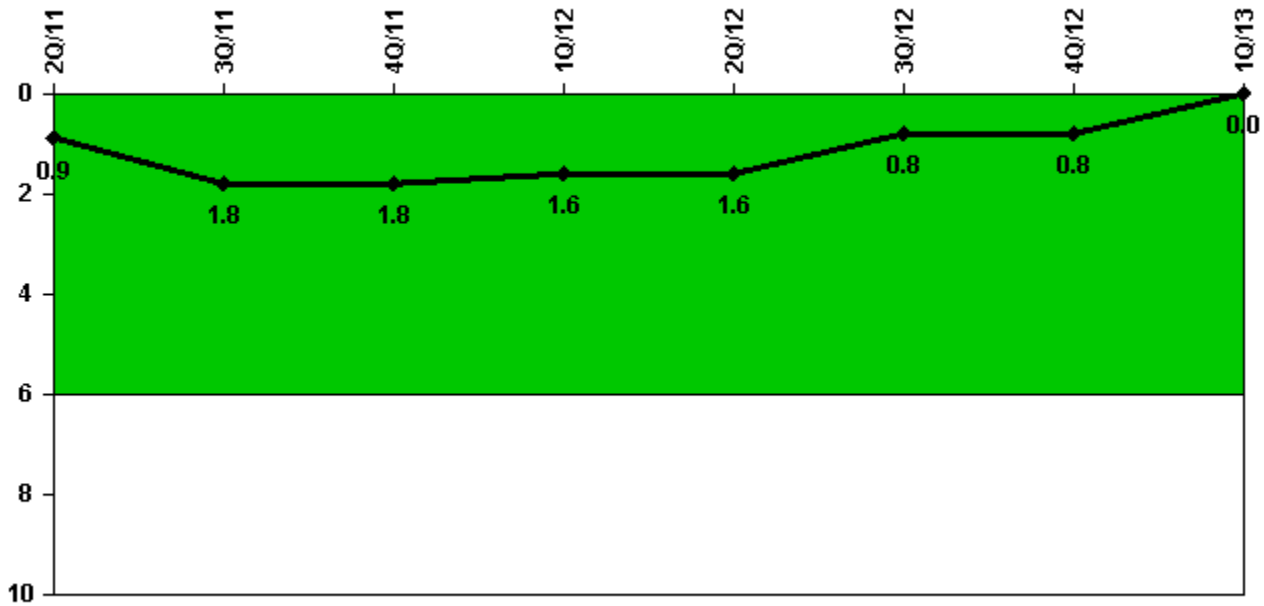
Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Unplanned scrams	0	0	0	0	0	0	1.0	0
Critical hours	2018.2	2208.0	2209.0	2183.0	2170.2	2208.0	2143.7	1532.6
Indicator value	0.9	0	0	0	0	0	0.8	0.9

Licensee Comments:

4Q/12: Automatic reactor trip due to a turbine-generator trip as a result of a direct trip from the Buchanan Switchyard. Generator trip caused by a trip of the 345 kV output breakers 1 and 3 as a result of a fault on 345 kV feeders W97 and W98 due to Con Edison feeder tower insulator damage from the effects of superstorm Sandy.

Unplanned Power Changes per 7000 Critical Hrs



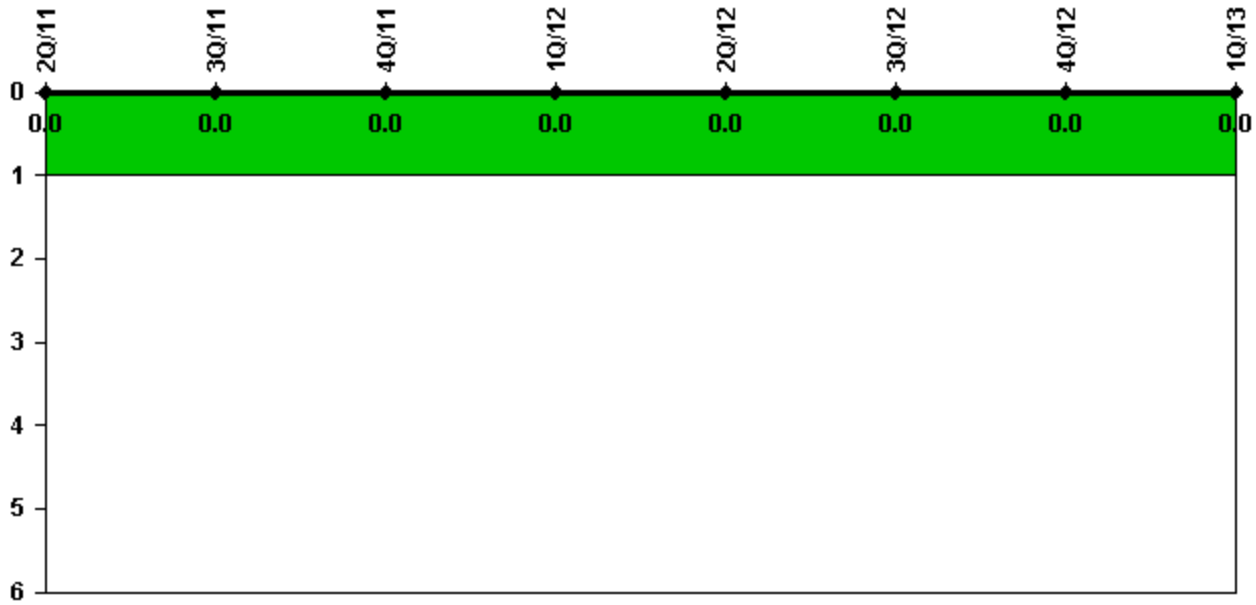
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Unplanned power changes	0	1.0	0	1.0	0	0	0	0
Critical hours	2018.2	2208.0	2209.0	2183.0	2170.2	2208.0	2143.7	1532.6
Indicator value	0.9	1.8	1.8	1.6	1.6	0.8	0.8	0

Licensee Comments: none

Unplanned Scrams with Complications



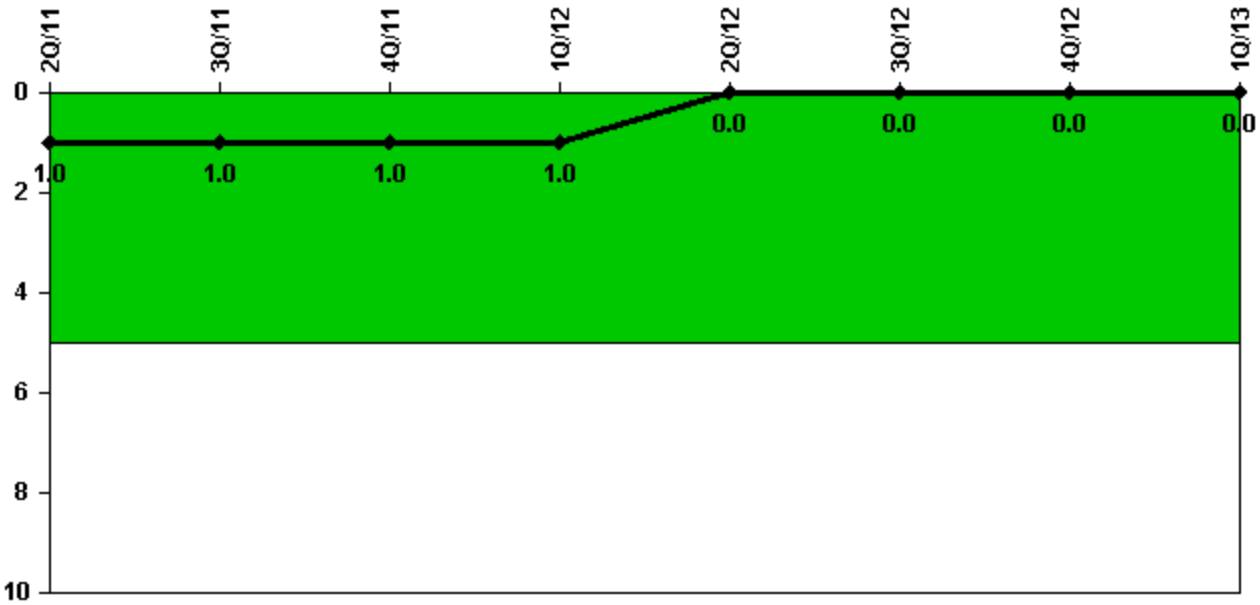
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
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 (PWR)



Thresholds: White > 5.0

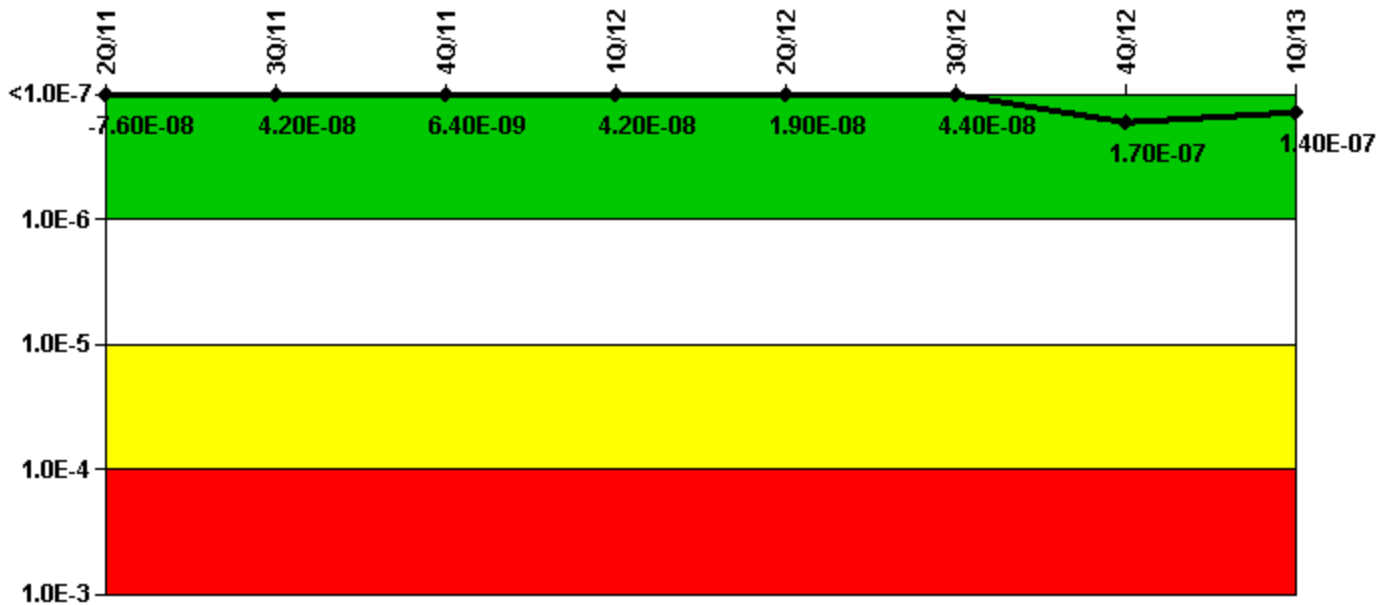
Notes

Safety System Functional Failures (PWR)	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Safety System Functional Failures	1	0	0	0	0	0	0	0
Indicator value	1	1	1	1	0	0	0	0

Licensee Comments:

2Q/11: LER-2011-003 reported on April 25, 2011, a TS required shutdown and a Safety System Functional Failure for a leak on the SW conventional essential header that caused flooding in the SW valve pit thereby preventing access to valves for accident mitigation.

Mitigating Systems Performance Index, Emergency AC Power System



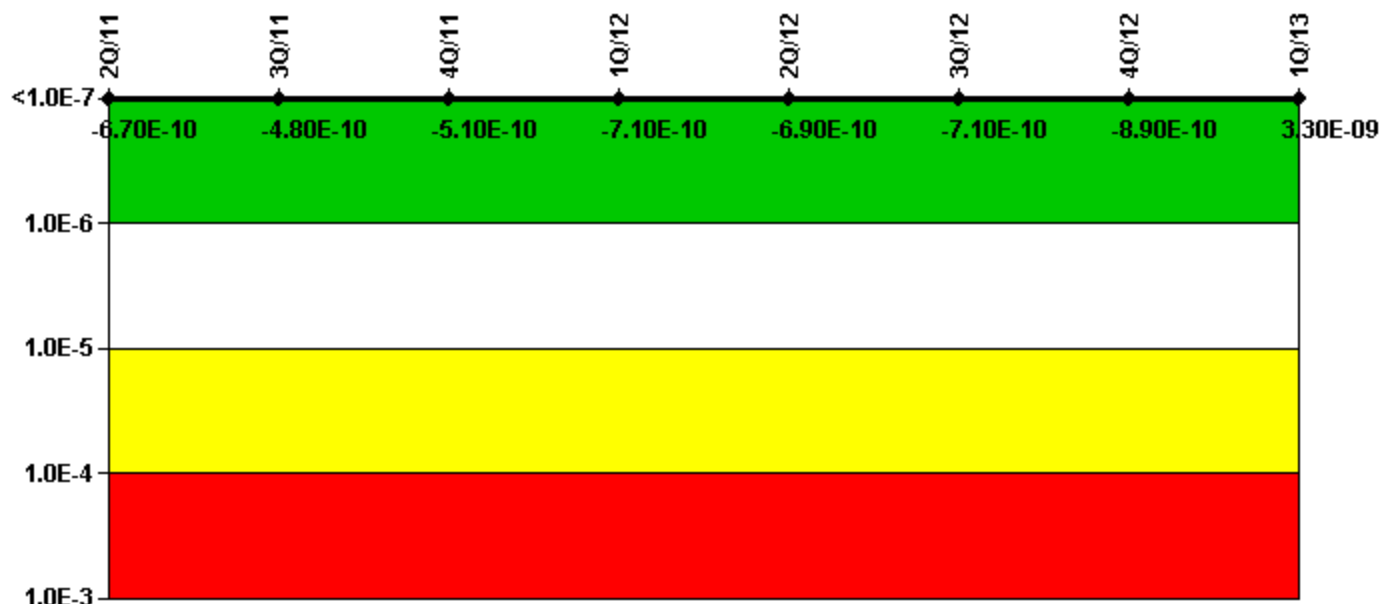
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
UAI (Δ CDF)	1.49E-07	1.76E-07	1.35E-07	1.44E-07	1.01E-07	1.11E-07	1.24E-07	1.25E-07
URI (Δ CDF)	-2.25E-07	-1.35E-07	-1.29E-07	-1.02E-07	-8.28E-08	-6.70E-08	4.91E-08	1.12E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-7.60E-08	4.20E-08	6.40E-09	4.20E-08	1.90E-08	4.40E-08	1.70E-07	1.40E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



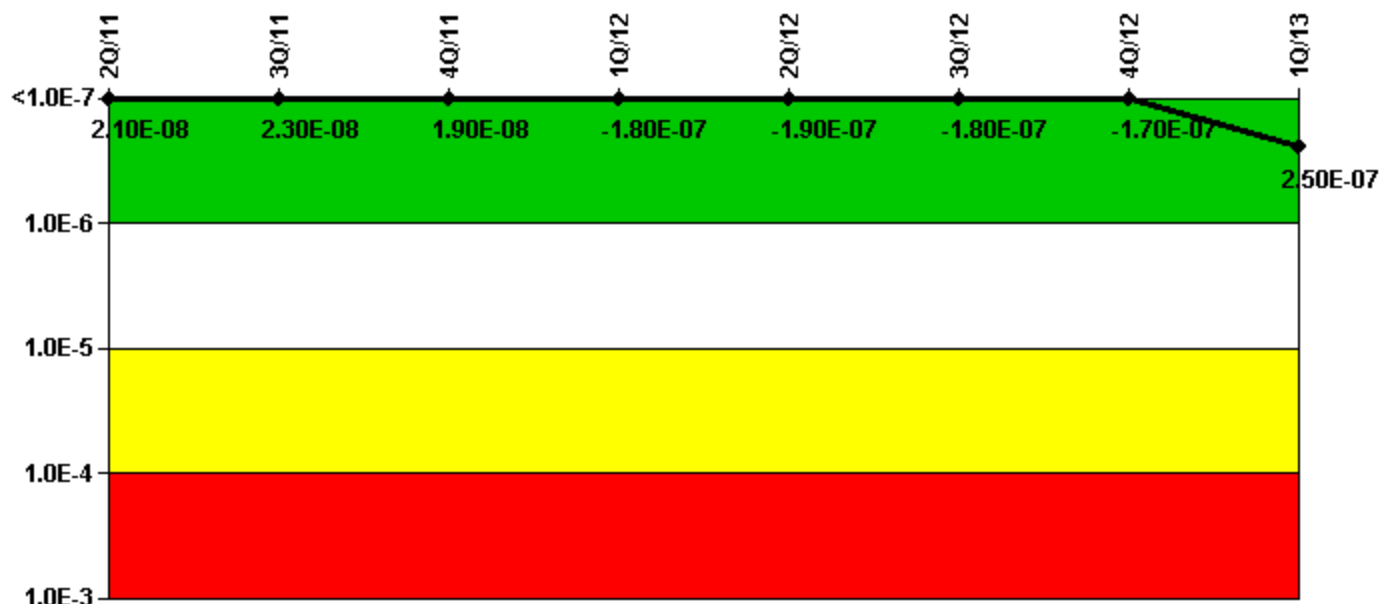
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
UAI (Δ CDF)	3.19E-11	2.29E-10	1.97E-10	-7.07E-11	-9.48E-11	-1.14E-10	-3.20E-10	-2.71E-10
URI (Δ CDF)	-7.05E-10	-7.11E-10	-7.11E-10	-6.42E-10	-5.90E-10	-5.97E-10	-5.70E-10	3.54E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.70E-10	-4.80E-10	-5.10E-10	-7.10E-10	-6.90E-10	-7.10E-10	-8.90E-10	3.30E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



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

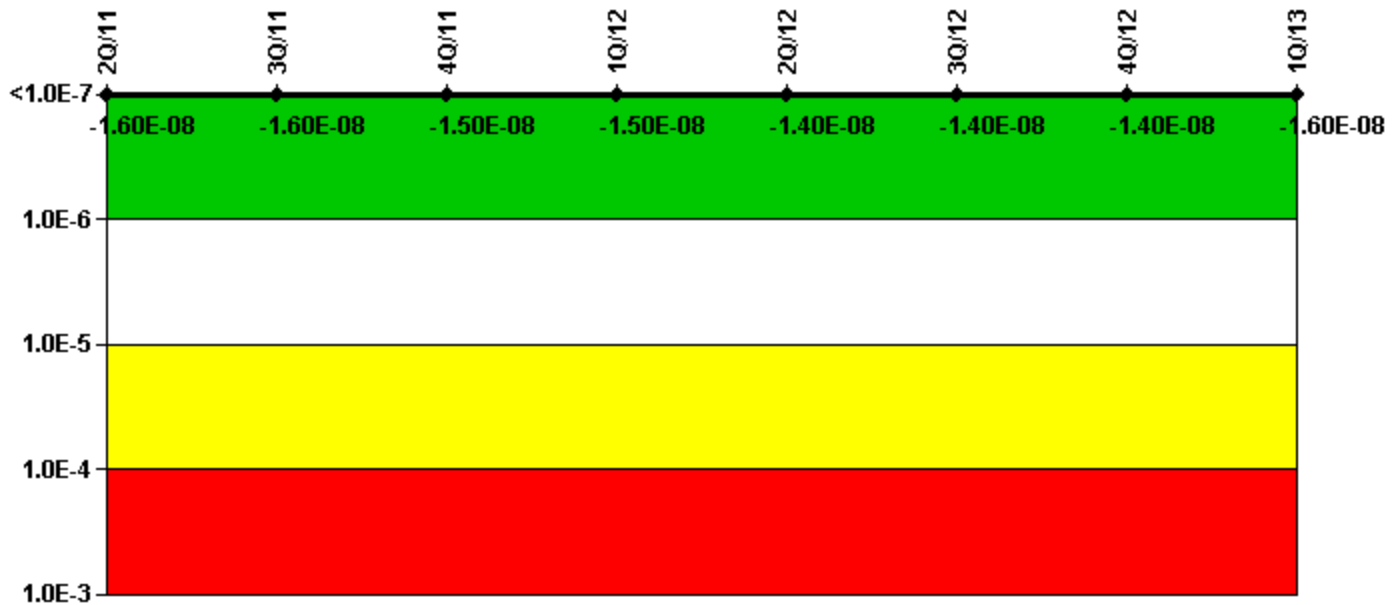
Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
UAI (Δ CDF)	1.15E-07	1.26E-07	1.18E-07	5.44E-08	1.75E-08	1.30E-08	1.50E-08	1.49E-08
URI (Δ CDF)	-9.41E-08	-1.03E-07	-9.91E-08	-2.32E-07	-2.05E-07	-1.92E-07	-1.82E-07	2.36E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.10E-08	2.30E-08	1.90E-08	-1.80E-07	-1.90E-07	-1.80E-07	-1.70E-07	2.50E-07

Licensee Comments:

1Q/13: On March 3, 2013, the turbine driven auxiliary feedwater pump failed its scheduled full flow test. The condition resulted in 17.77 unplanned unavailable hours and a MSPI functional failure.

Mitigating Systems Performance Index, Residual Heat Removal System



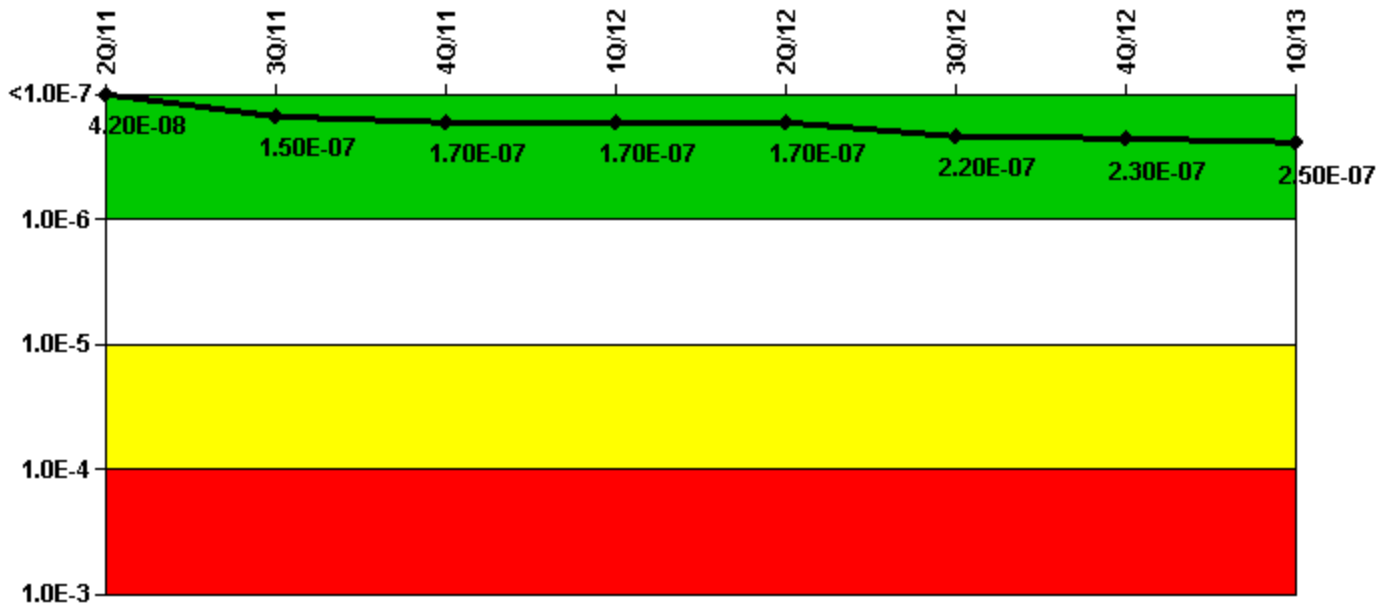
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
UAI (Δ CDF)	-1.15E-08	-1.11E-08	-1.09E-08	-1.10E-08	-1.10E-08	-1.10E-08	-1.14E-08	-1.14E-08
URI (Δ CDF)	-4.51E-09	-4.51E-09	-4.51E-09	-3.60E-09	-2.94E-09	-2.90E-09	-2.94E-09	-4.28E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.60E-08	-1.60E-08	-1.50E-08	-1.50E-08	-1.40E-08	-1.40E-08	-1.40E-08	-1.60E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



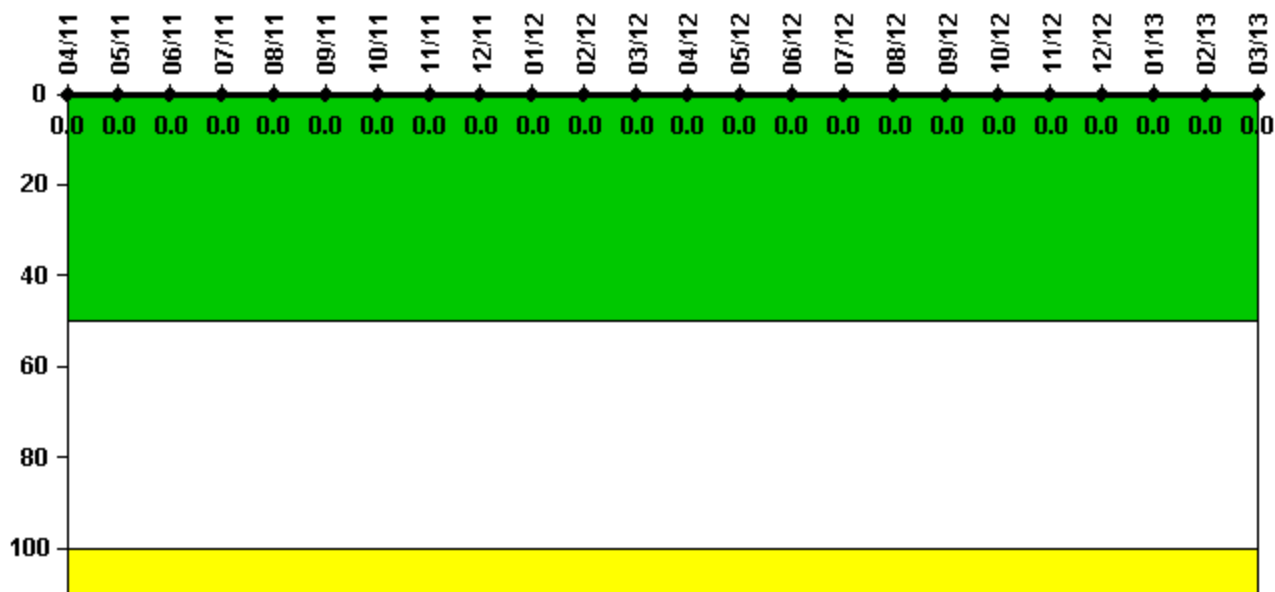
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
UAI (ΔCDF)	5.67E-08	1.59E-07	1.75E-07	1.79E-07	1.81E-07	1.94E-07	1.98E-07	2.25E-07
URI (ΔCDF)	-1.44E-08	-7.75E-09	-8.01E-09	-7.73E-09	-7.37E-09	2.76E-08	2.75E-08	2.36E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.20E-08	1.50E-07	1.70E-07	1.70E-07	1.70E-07	2.20E-07	2.30E-07	2.50E-07

Licensee Comments: none

Reactor Coolant System Activity



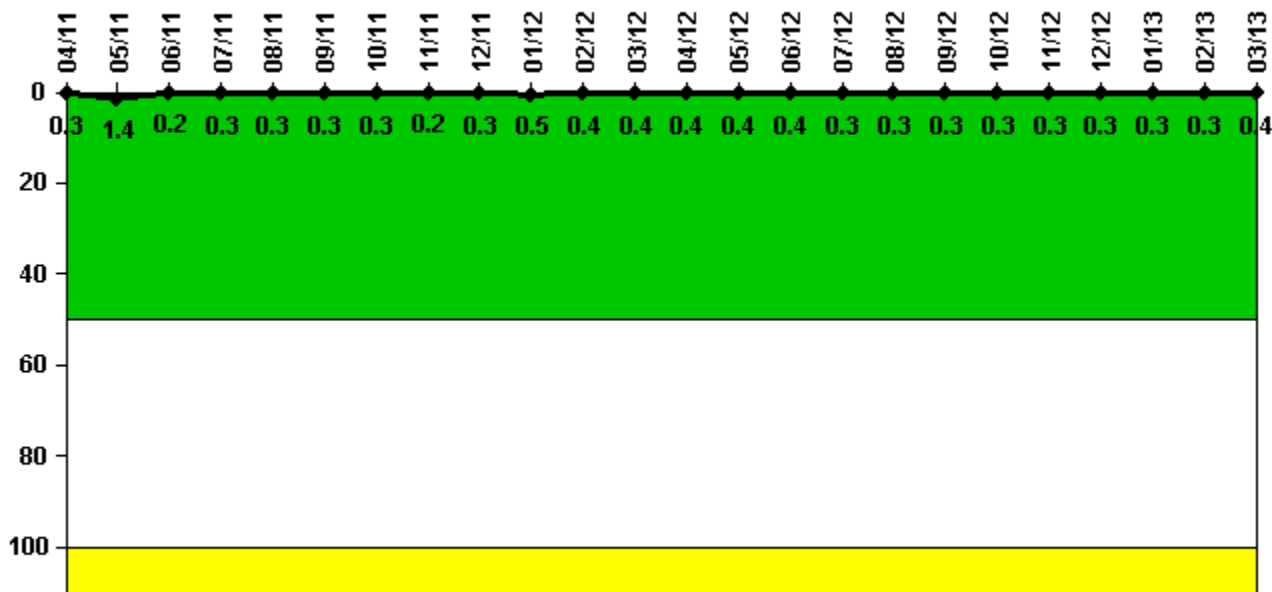
Thresholds: White > 50.0 Yellow > 100.0

Notes

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	0.000125	0.000135	0.000137	0.000142	0.000158	0.000153	0.000171	0.000164	0.000174	0.000186	0.000292	0.000206
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
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	0.000190	0.000203	0.000226	0.000219	0.000220	0.000226	0.000288	0.000222	0.000239	0.000245	0.000243	0.000240
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



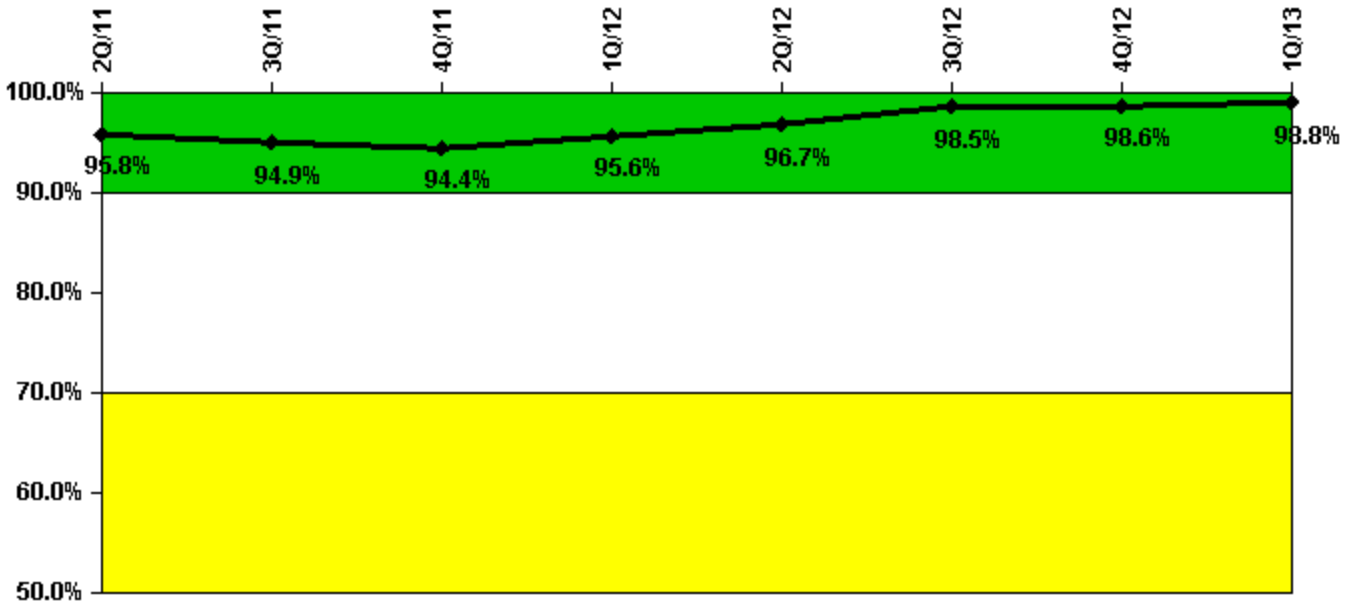
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	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	0.030	0.140	0.020	0.030	0.030	0.030	0.030	0.020	0.030	0.050	0.040	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	0.3	1.4	0.2	0.3	0.3	0.3	0.3	0.2	0.3	0.5	0.4	0.4
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	0.040	0.040	0.040	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	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	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4

Licensee Comments: none

Drill/Exercise Performance



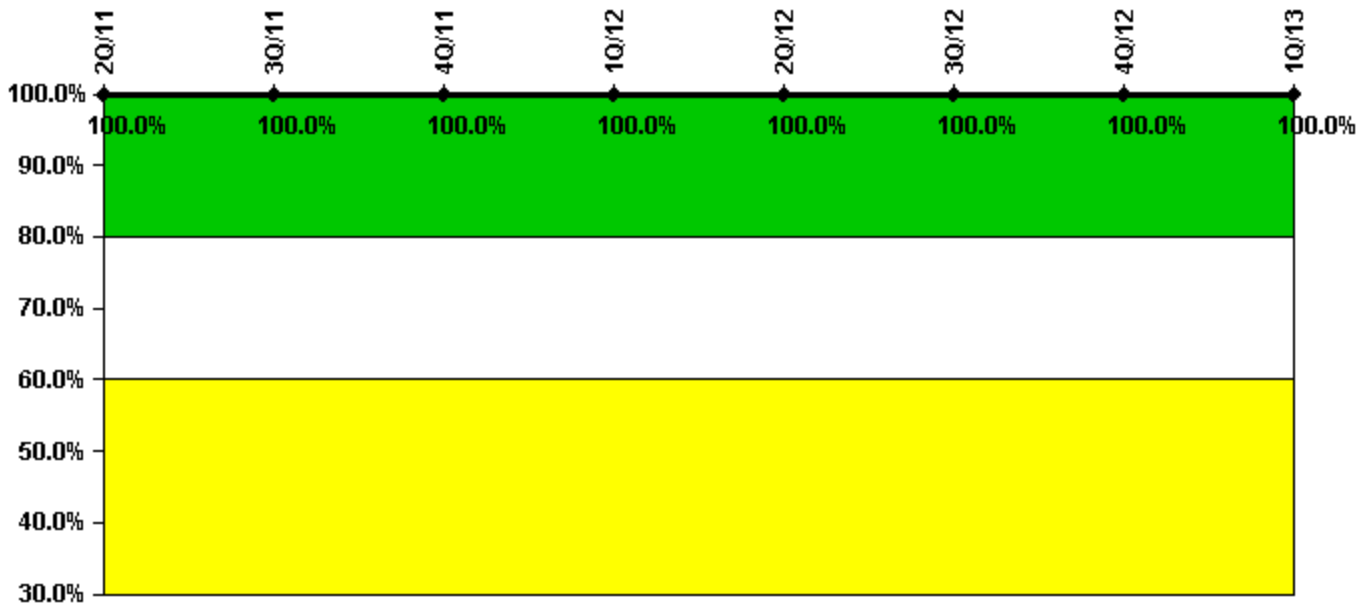
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Successful opportunities	66.0	143.0	14.0	131.0	289.0	374.0	273.0	101.0
Total opportunities	66.0	151.0	16.0	131.0	293.0	374.0	276.0	101.0
Indicator value	95.8%	94.9%	94.4%	95.6%	96.7%	98.5%	98.6%	98.8%

Licensee Comments: none

ERO Drill Participation



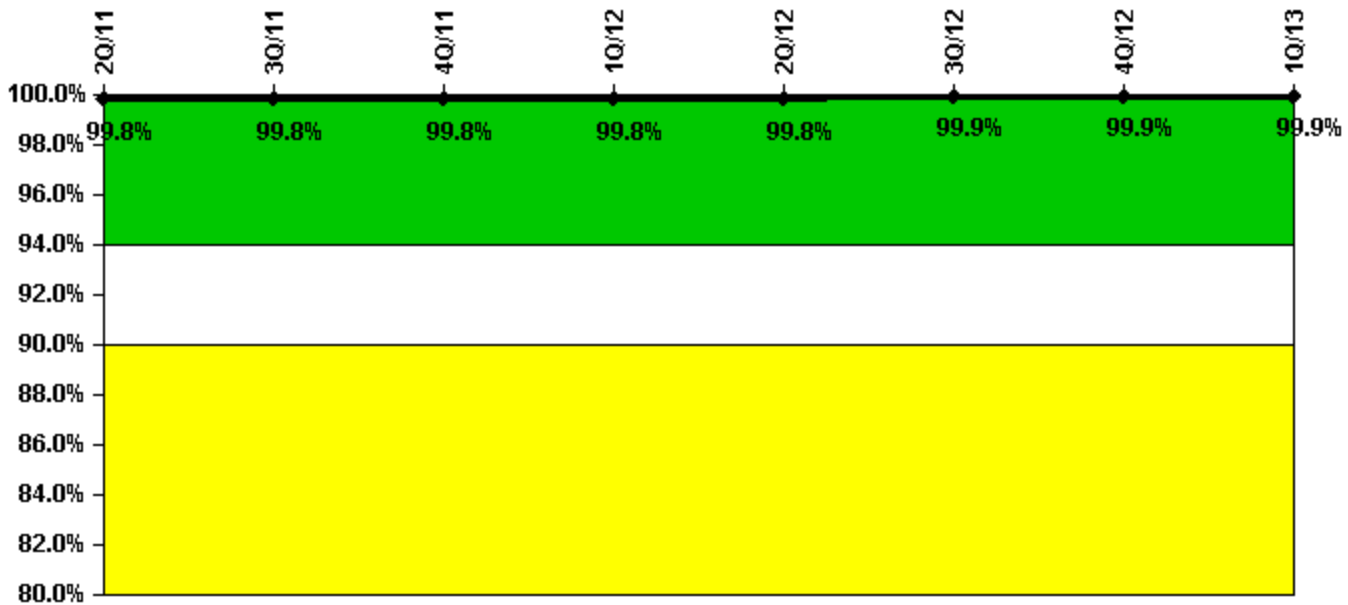
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Participating Key personnel	102.0	105.0	104.0	106.0	105.0	106.0	104.0	106.0
Total Key personnel	102.0	105.0	104.0	106.0	105.0	106.0	104.0	106.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



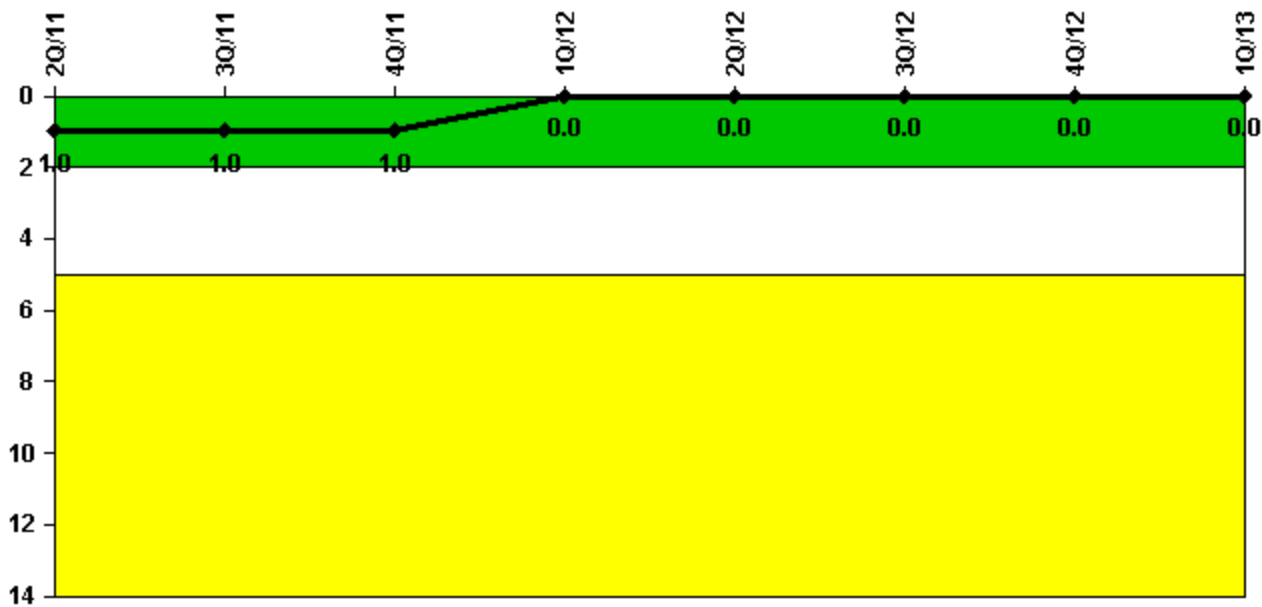
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Successful siren-tests	1176	1201	993	956	787	1415	577	1015
Total sirens-tests	1179	1204	996	957	789	1415	577	1015
Indicator value	99.8%	99.8%	99.8%	99.8%	99.8%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



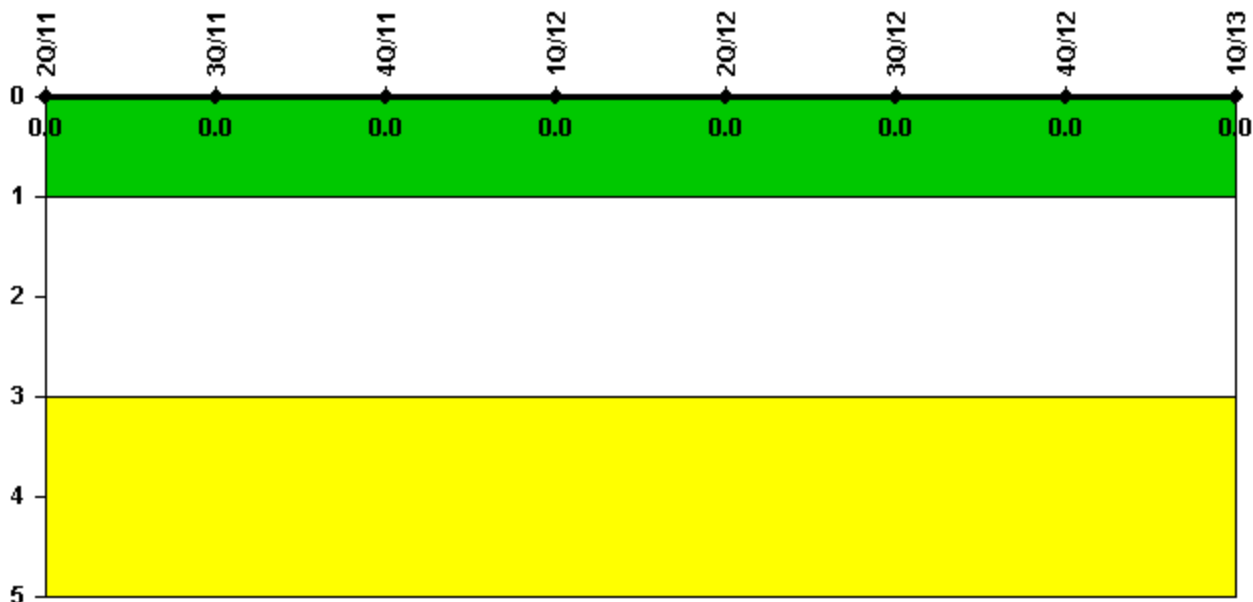
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
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	1	1	1	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
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: April 23, 2013