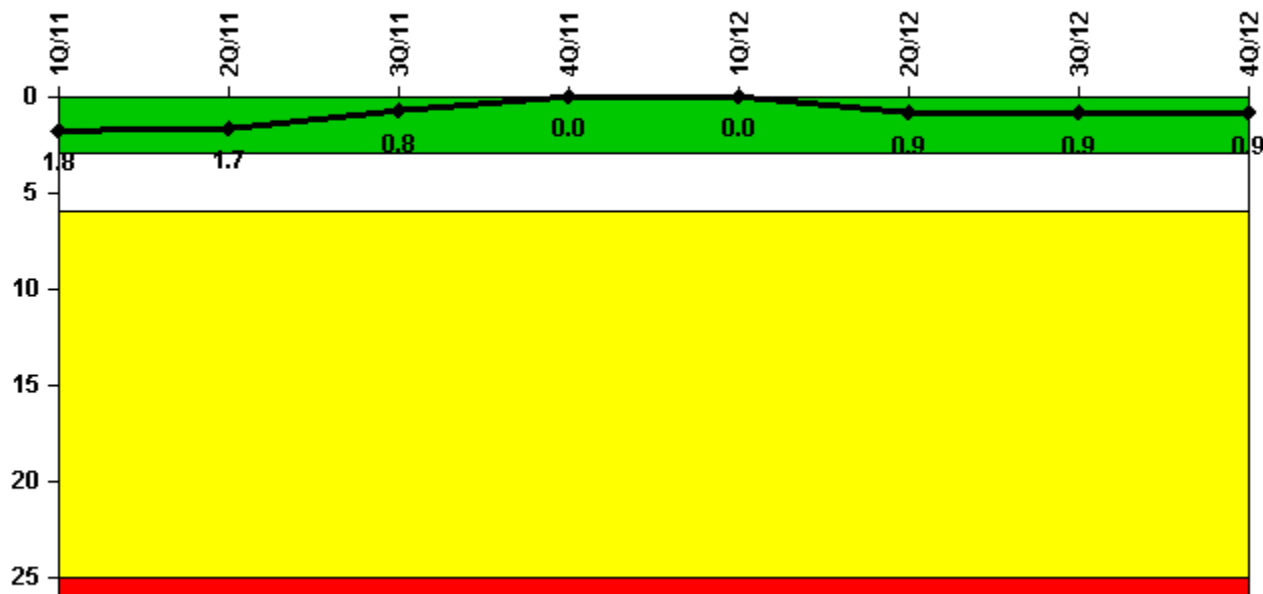


Indian Point 2

4Q/2012 Performance Indicators

Licensee's General Comments: PI change was to IDS comp hours in which 11.33 additional comp hours were determined to be applicable. Comp hours are for October 2011. Previously reported comp hours for IDS in October 2011 was 101.37. Revised comp hours for IDS in October 2011 is 112.7. Change does not impact the PI threshold and the PI remains Green.

Unplanned Scrams per 7000 Critical Hrs



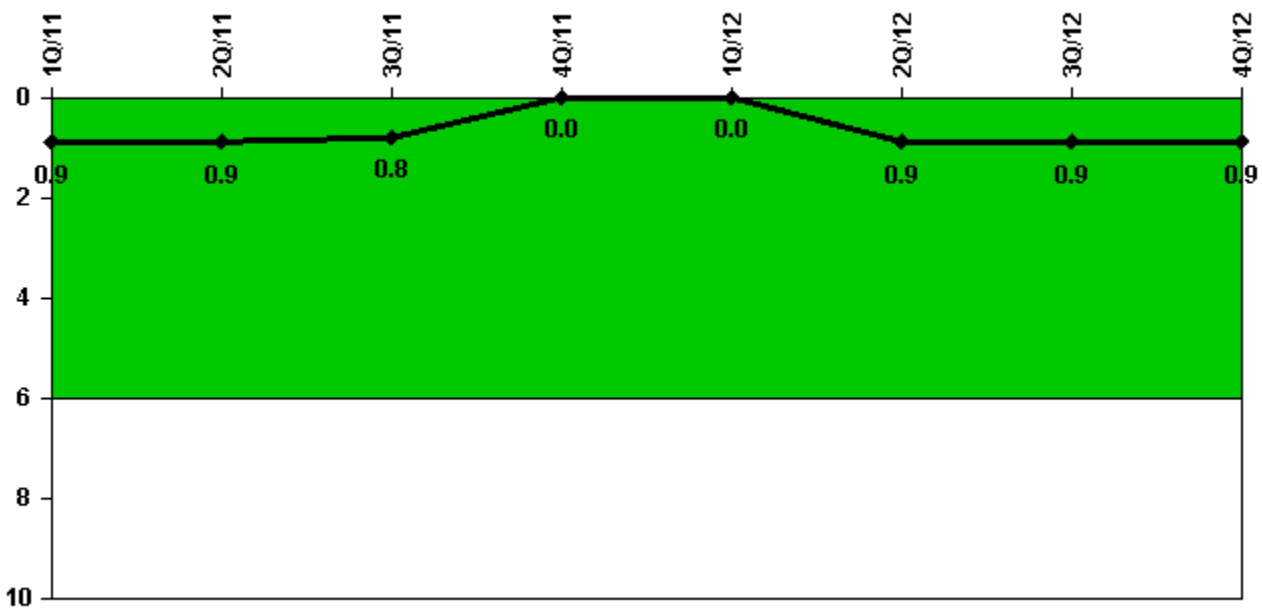
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	0	0	0	0	0	1.0	0	0
Critical hours	2159.0	2087.1	2208.0	2209.0	1368.1	2154.6	2208.0	2209.0
Indicator value	1.8	1.7	0.8	0	0	0.9	0.9	0.9

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	1.0	0	0
Critical hours	2159.0	2087.1	2208.0	2209.0	1368.1	2154.6	2208.0	2209.0
Indicator value	0.9	0.9	0.8	0	0	0.9	0.9	0.9

Licensee Comments: none

Unplanned Scrams with Complications



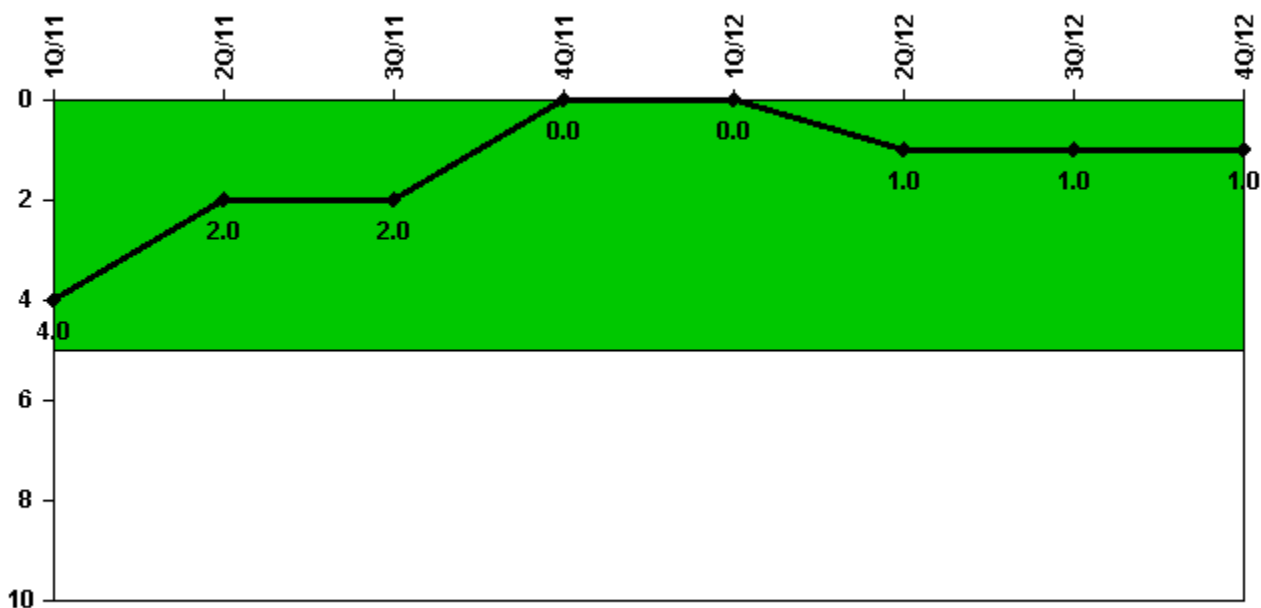
Thresholds: White > 1.0

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	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

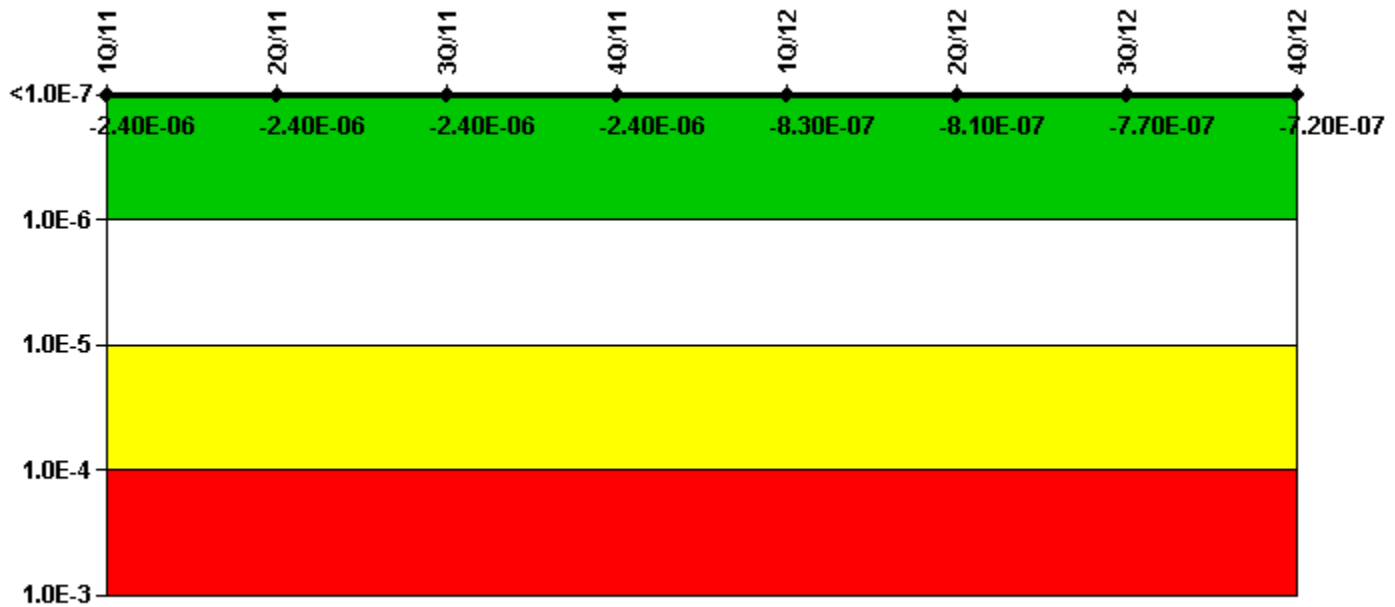
Notes

Safety System Functional Failures (PWR)	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	1	0	0
Indicator value	4	2	2	0	0	1	1	1

Licensee Comments:

2Q/12: LER-2012-004 reported a SSFF for one motor driven Auxiliary Feedwater Pump out of service during testing during the time liquid radiation monitor calibration was being performed which results in a Rad Bypass switch position for steam generator (SG)blowdown isolation valves being defeated for automatic isolation for degraded heat sink events. Condition can result in inadequate maintenance of SG inventory.

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 (ΔCDF)	6.97E-07	6.06E-07	6.11E-07	5.48E-07	7.71E-08	1.19E-07	1.28E-07	1.16E-07
URI (ΔCDF)	-3.12E-06	-2.98E-06	-3.00E-06	-2.97E-06	-9.11E-07	-9.27E-07	-8.94E-07	-8.33E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.40E-06	-2.40E-06	-2.40E-06	-2.40E-06	-8.30E-07	-8.10E-07	-7.70E-07	-7.20E-07

Licensee Comments:

2Q/12: Changed PRA Parameter(s).

1Q/12: Changed PRA Parameter(s).

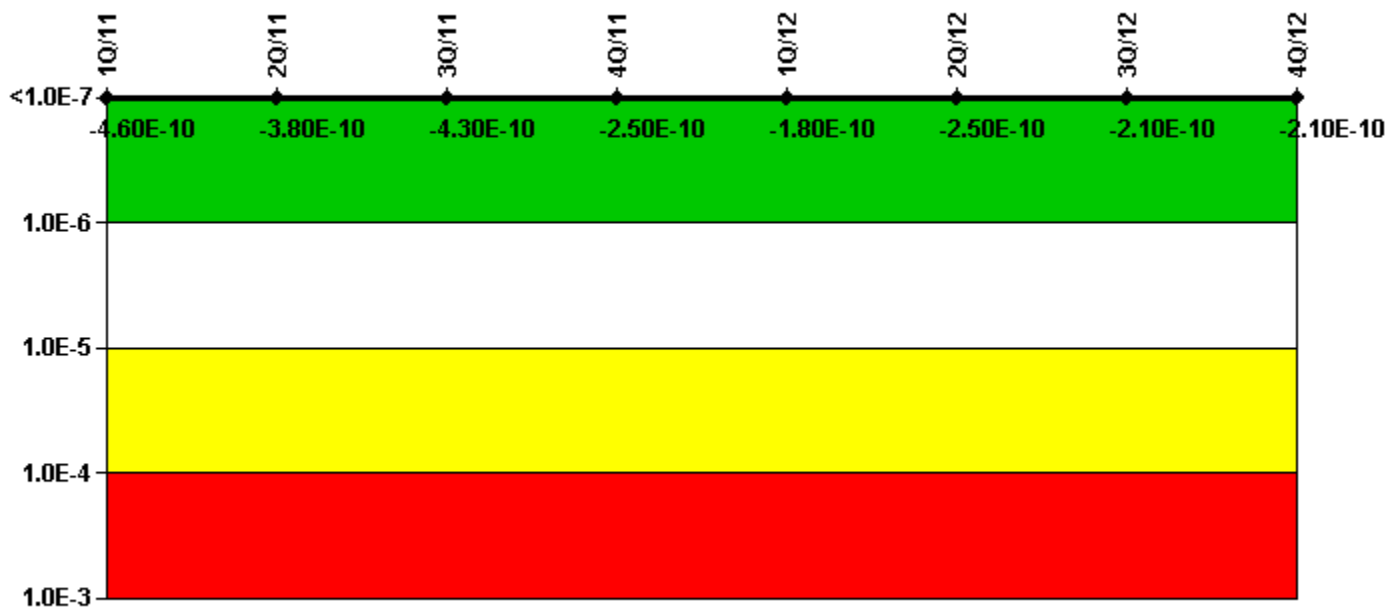
4Q/11: Risk Cap Invoked.

3Q/11: Risk Cap Invoked.

2Q/11: Risk Cap Invoked.

1Q/11: Risk Cap Invoked.

Mitigating Systems Performance Index, High Pressure Injection System



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

Notes

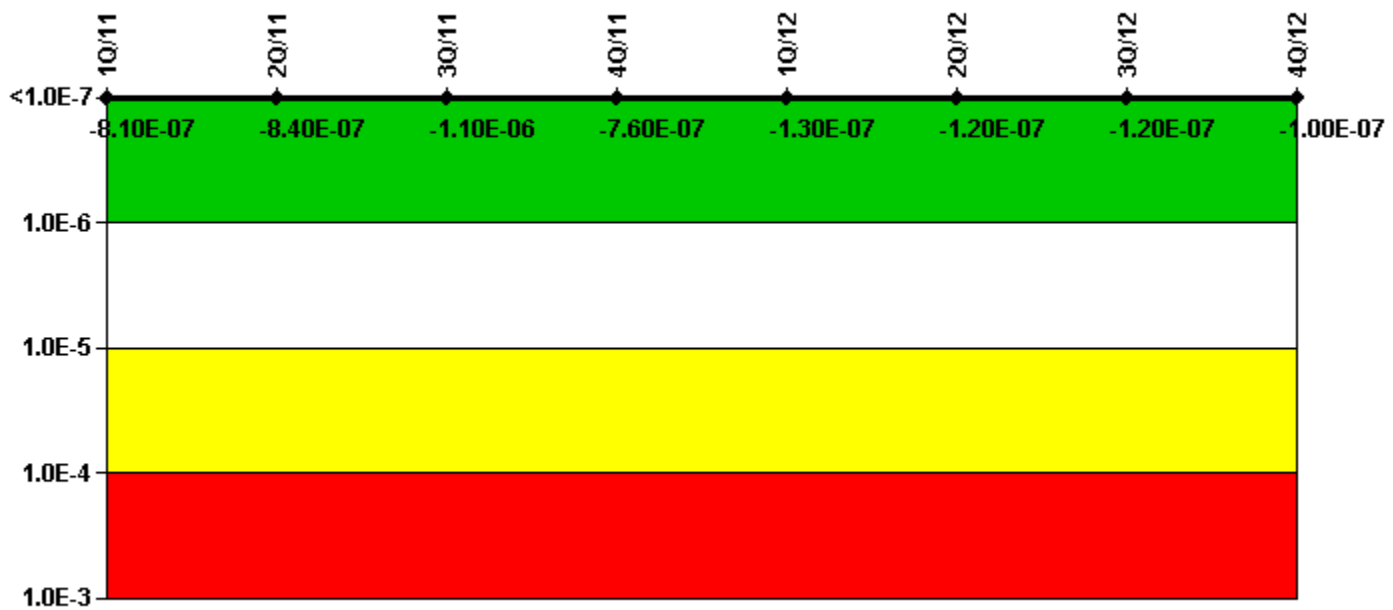
Mitigating Systems Performance Index, High Pressure Injection System	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (Δ CDF)	-2.03E-10	-1.44E-10	-2.03E-10	-7.35E-12	-2.90E-11	-2.90E-11	2.23E-11	3.23E-11
URI (Δ CDF)	-2.56E-10	-2.36E-10	-2.31E-10	-2.46E-10	-1.53E-10	-2.20E-10	-2.31E-10	-2.41E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.60E-10	-3.80E-10	-4.30E-10	-2.50E-10	-1.80E-10	-2.50E-10	-2.10E-10	-2.10E-10

Licensee Comments:

2Q/12: Changed PRA Parameter(s).

1Q/12: 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

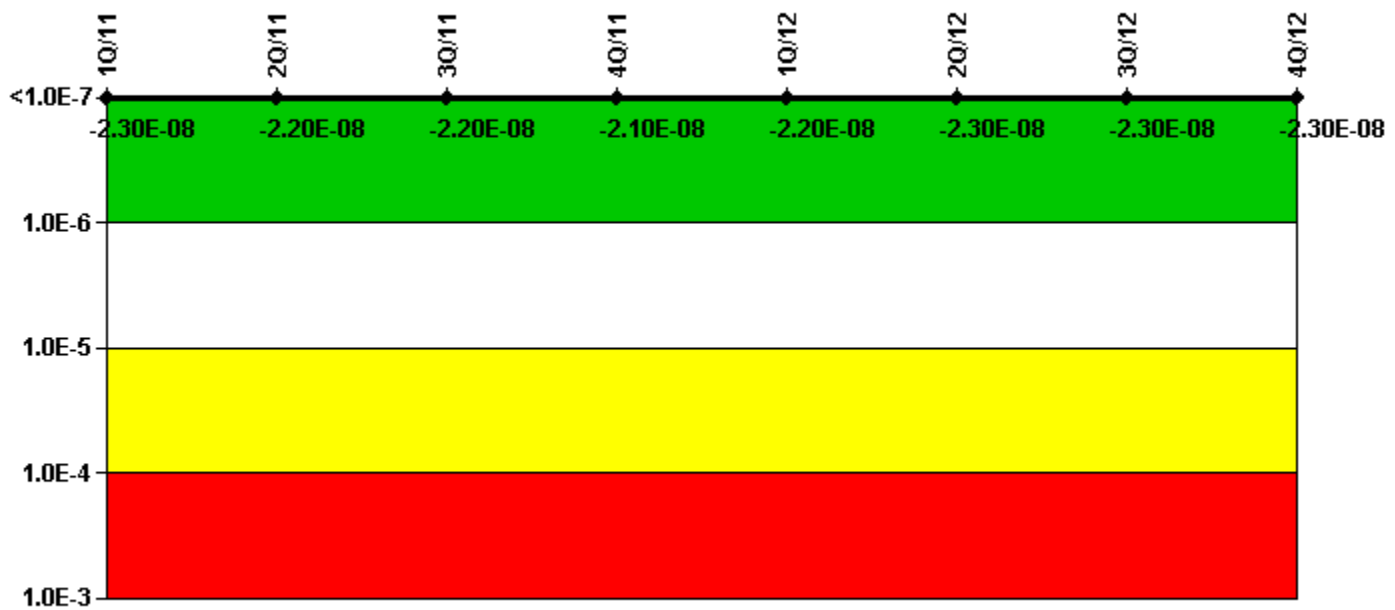
Mitigating Systems Performance Index, Heat Removal System	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (Δ CDF)	2.08E-07	1.39E-07	-8.04E-08	-1.90E-07	-1.80E-08	-2.19E-08	-2.10E-08	-9.66E-09
URI (Δ CDF)	-1.02E-06	-9.79E-07	-9.76E-07	-5.68E-07	-1.15E-07	-9.75E-08	-9.64E-08	-9.09E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-8.10E-07	-8.40E-07	-1.10E-06	-7.60E-07	-1.30E-07	-1.20E-07	-1.20E-07	-1.00E-07

Licensee Comments:

2Q/12: Changed PRA Parameter(s).

1Q/12: 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

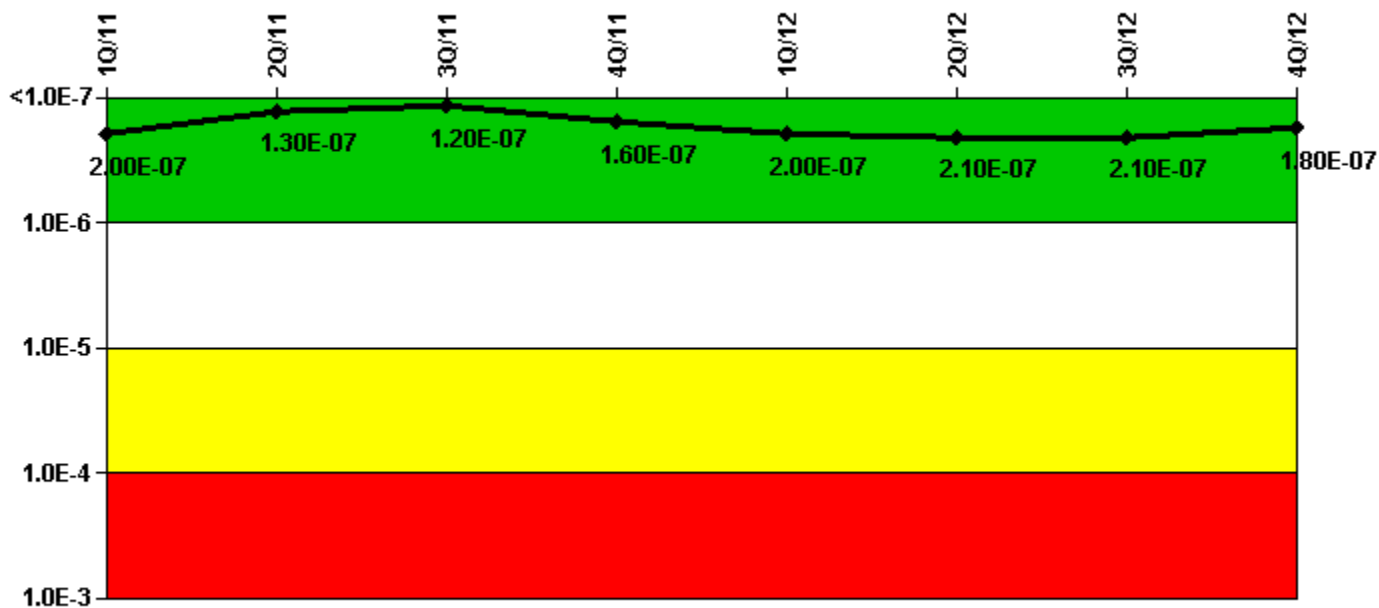
Mitigating Systems Performance Index, Residual Heat Removal System	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (Δ CDF)	-1.09E-08	-1.09E-08	-1.10E-08	-1.09E-08	-8.82E-09	-8.80E-09	-8.71E-09	-8.67E-09
URI (Δ CDF)	-1.24E-08	-1.11E-08	-1.09E-08	-1.05E-08	-1.36E-08	-1.37E-08	-1.40E-08	-1.41E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.30E-08	-2.20E-08	-2.20E-08	-2.10E-08	-2.20E-08	-2.30E-08	-2.30E-08	-2.30E-08

Licensee Comments:

2Q/12: Changed PRA Parameter(s).

1Q/12: 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

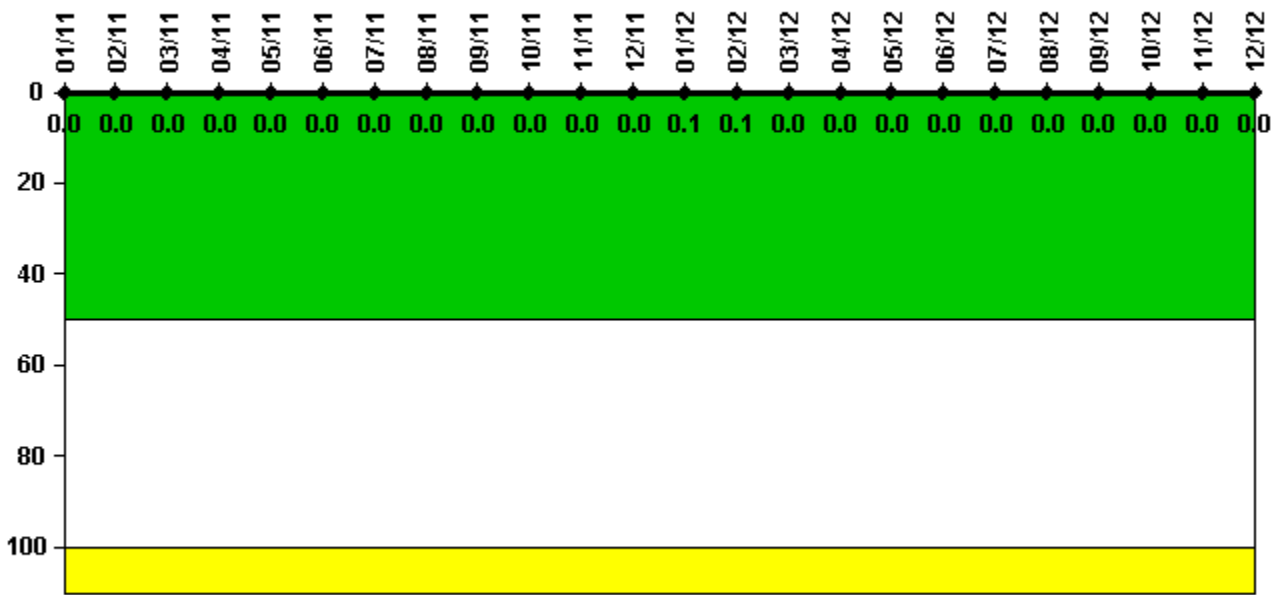
Mitigating Systems Performance Index, Cooling Water Systems	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (ΔCDF)	1.27E-07	7.99E-08	7.49E-08	7.59E-08	2.06E-08	2.10E-08	2.04E-08	5.13E-09
URI (ΔCDF)	7.15E-08	4.61E-08	4.59E-08	8.02E-08	1.76E-07	1.90E-07	1.88E-07	1.77E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.00E-07	1.30E-07	1.20E-07	1.60E-07	2.00E-07	2.10E-07	2.10E-07	1.80E-07

Licensee Comments:

2Q/12: Changed PRA Parameter(s).

1Q/12: Changed PRA Parameter(s).

Reactor Coolant System Activity



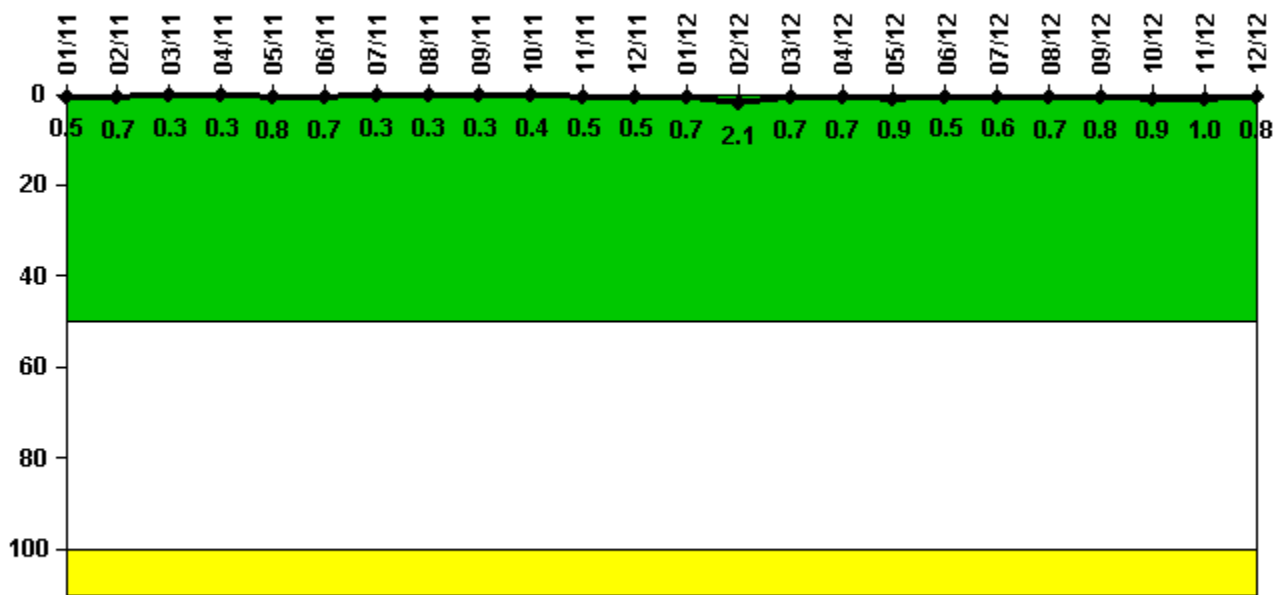
Thresholds: White > 50.0 Yellow > 100.0

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	0.000362	0.000333	0.000389	0.000370	0.000411	0.000398	0.000446	0.000450	0.000474	0.000472	0.000467	0.000476
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	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	0.000500	0.000509	0.000459	0.000198	0.000189	0.000187	0.000196	0.000215	0.000217	0.000234	0.000218	0.000232
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	0.1	0.1	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



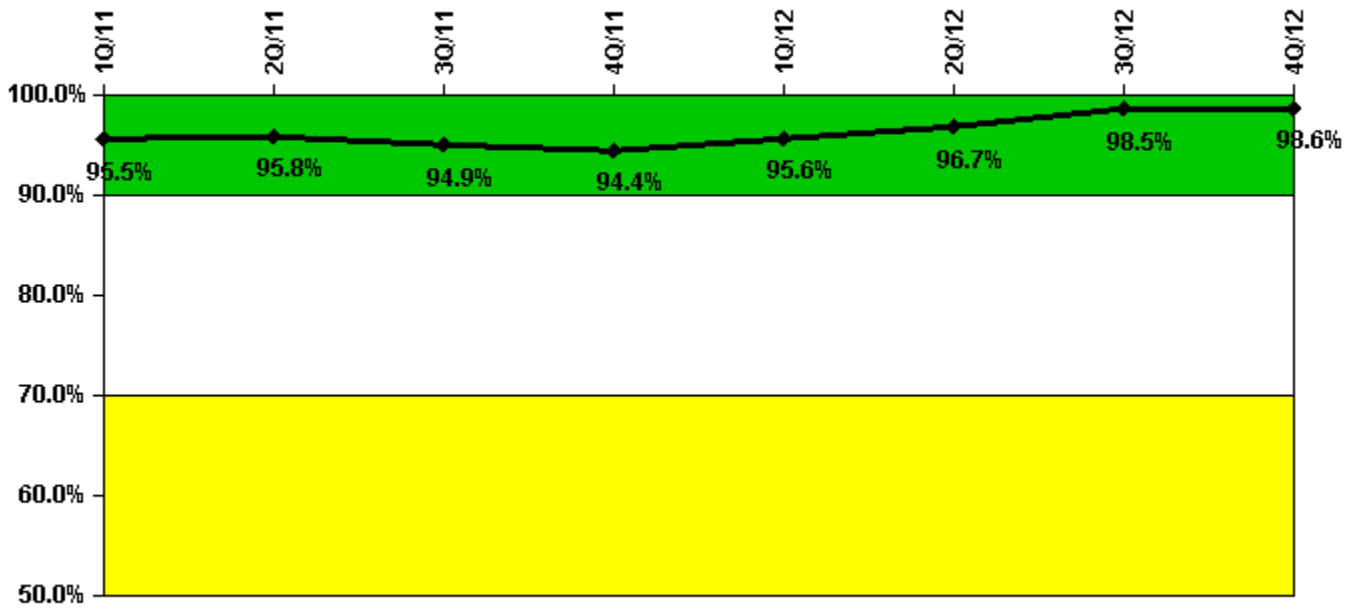
Thresholds: White > 50.0 Yellow > 100.0

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	0.050	0.070	0.030	0.030	0.080	0.070	0.030	0.030	0.030	0.040	0.050	0.050
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	0.5	0.7	0.3	0.3	0.8	0.7	0.3	0.3	0.3	0.4	0.5	0.5
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	0.070	0.210	0.070	0.070	0.090	0.050	0.060	0.070	0.080	0.090	0.100	0.080
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	0.7	2.1	0.7	0.7	0.9	0.5	0.6	0.7	0.8	0.9	1.0	0.8

Licensee Comments: none

Drill/Exercise Performance



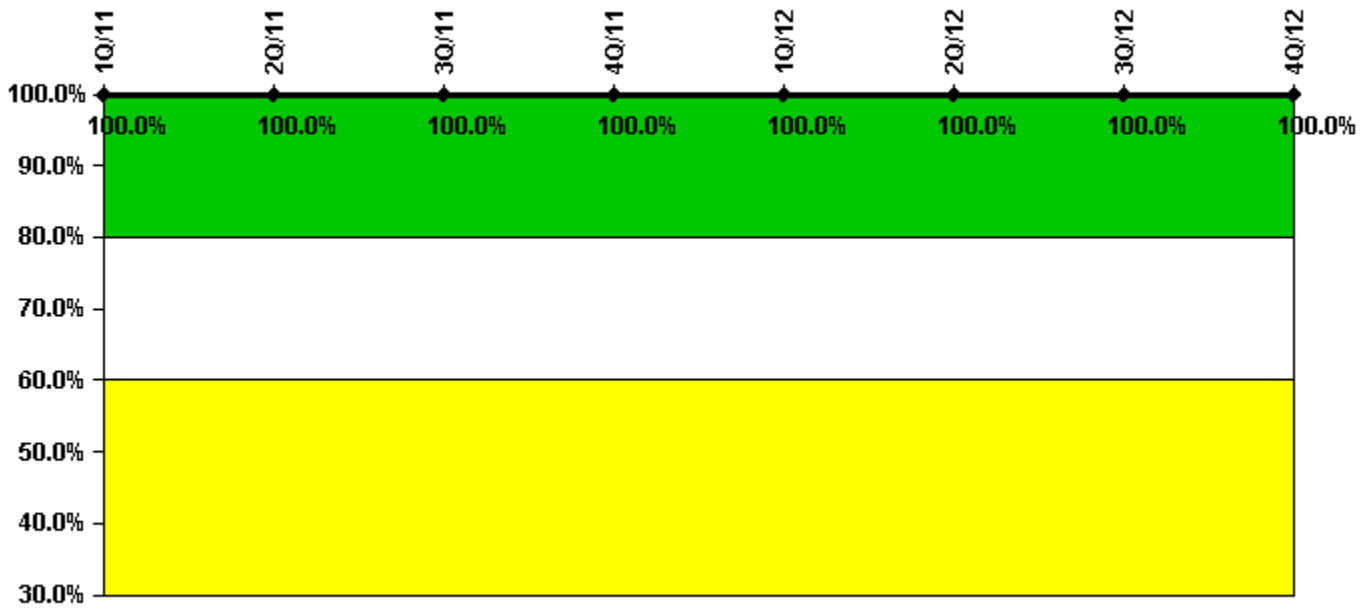
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Successful opportunities	19.0	66.0	143.0	14.0	131.0	289.0	374.0	273.0
Total opportunities	21.0	66.0	151.0	16.0	131.0	293.0	374.0	276.0
Indicator value	95.5%	95.8%	94.9%	94.4%	95.6%	96.7%	98.5%	98.6%

Licensee Comments: none

ERO Drill Participation



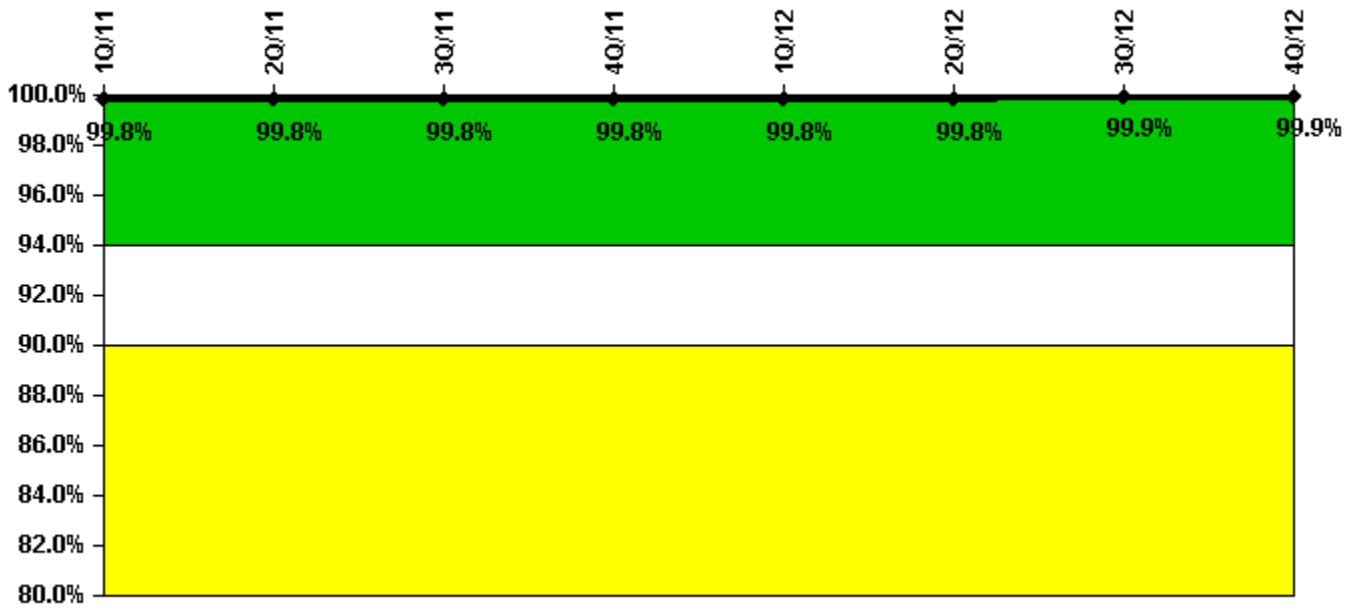
Thresholds: White < 80.0% Yellow < 60.0%

Notes

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

Licensee Comments: none

Alert & Notification System



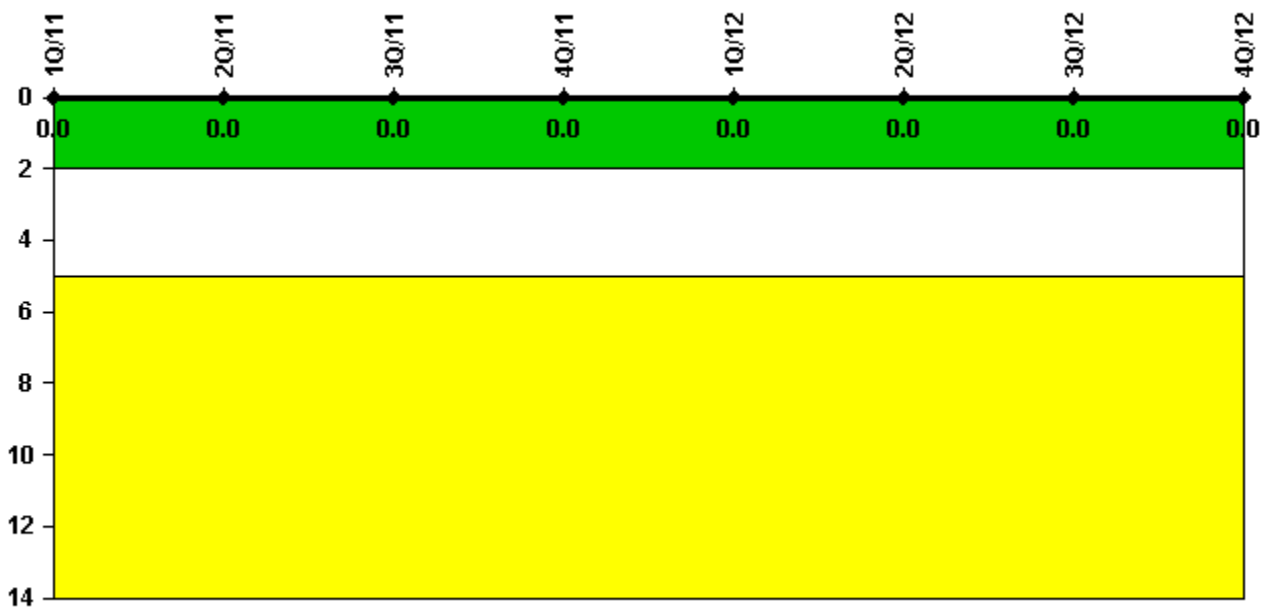
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Successful siren-tests	1012	1176	1201	993	956	787	1415	577
Total sirens-tests	1013	1179	1204	996	957	789	1415	577
Indicator value	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



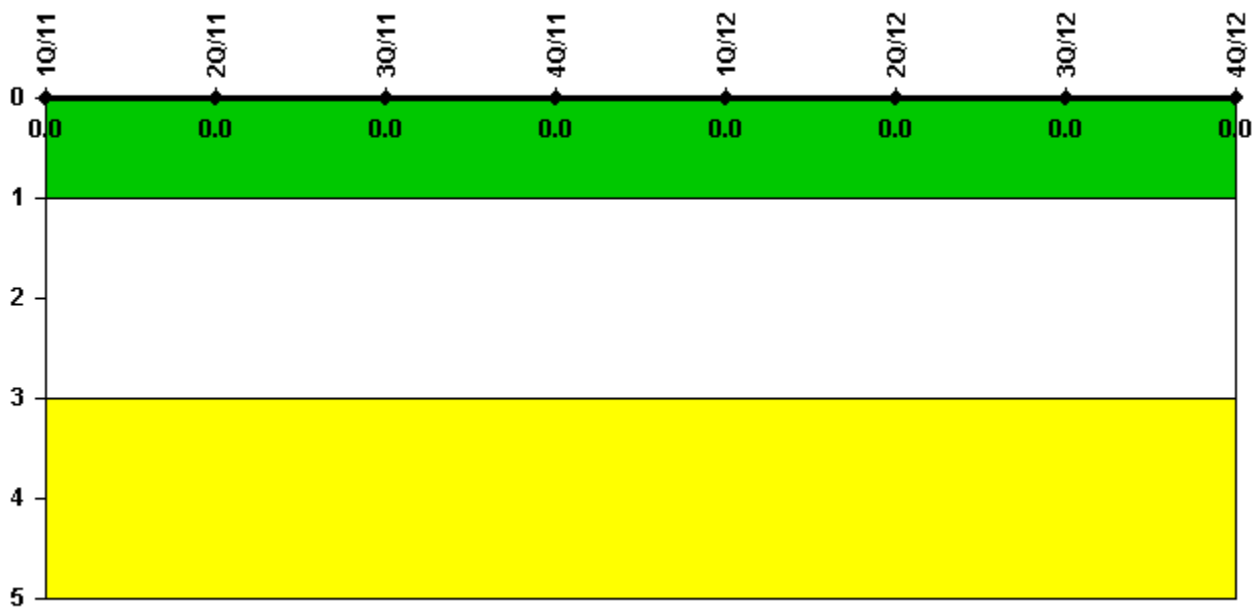
Thresholds: White > 2.0 Yellow > 5.0

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.