

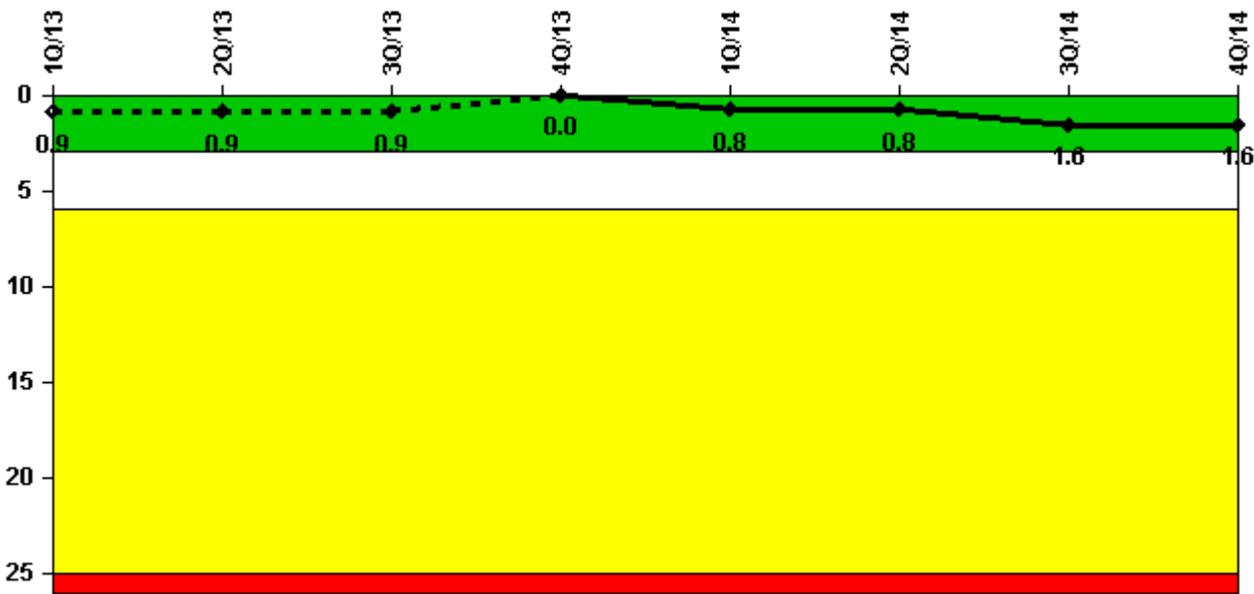
Indian Point 3

4Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: PI EP01: Changes to April 2013 PI data Drill/Exercise Performance to correct for SM/CR Supervisor number of drill, exercise and actual event opportunities performed timely and accurately from 100/100 to 102/102. MSPI07 (HHSI) change to delete the reporting in August 2014 of an MSPI failure of the 31 Safety Injection Pump (SIP) due to discovery of a disconnected wire in the auto actuation circuitry but subsequently it was determined the event was a human performance error not an MSPI failure as the wire was connected prior to work being performed and the 31 SIP operable. MSPI10 (CWS), change to the July 2014 PI data for Service Water (SW) to correct the SW pump reported to have been secured (stated secured the 35 SW Pump when it was the 36 SW Pump).

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

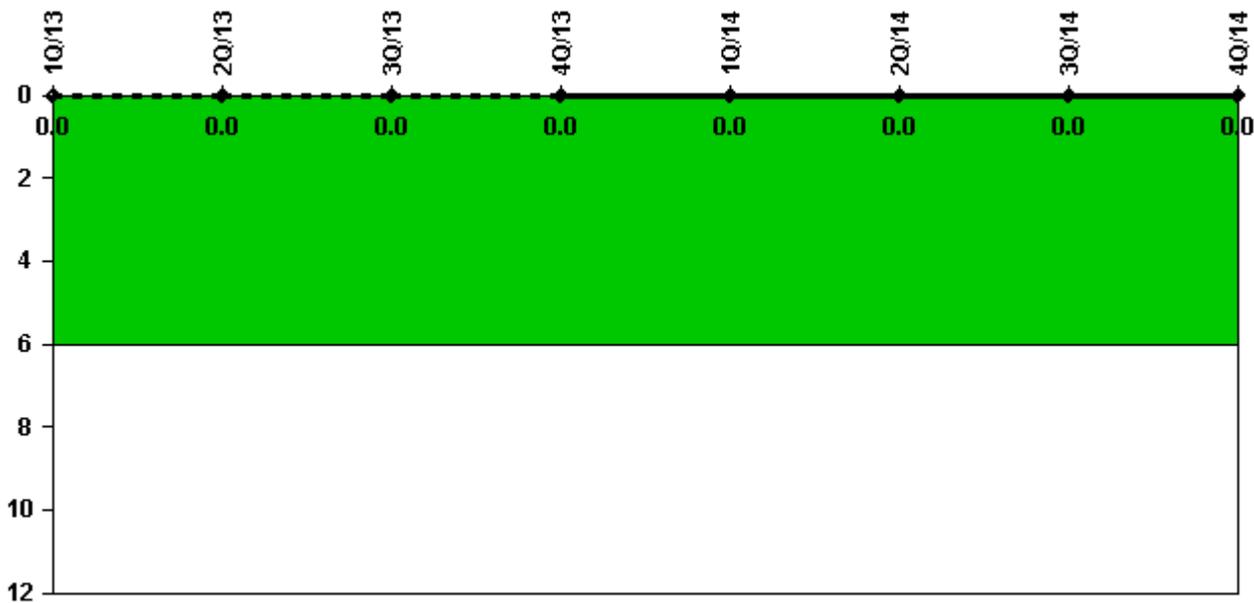
Unplanned Scrams per 7000 Critical Hrs	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Unplanned scrams	0	0	0	0	1.0	0	1.0	0
Critical hours	1532.6	2184.0	2138.6	2209.0	2129.5	2184.0	2161.6	2209.0
Indicator value	0.9	0.9	0.9	0	0.8	0.8	1.6	1.6

Licensee Comments:

3Q/14: On August 13, 2014, an automatic reactor trip occurred during scheduled testing of the reactor protection system pressurizer pressure loop P-455 channel calibration as a result of meeting the trip logic of 2/4 trip logic for over temperature delta temperature. LER-2014-004 reported event.

1Q/14: LER-2014-001 reported an automatic reactor trip January 6, 2014, on steam flow/feedwater flow mismatch with low steam generator level due to feedwater reg valve flow controller failure. PI remains in the Green Band.

Unplanned Power Changes per 7000 Critical Hrs



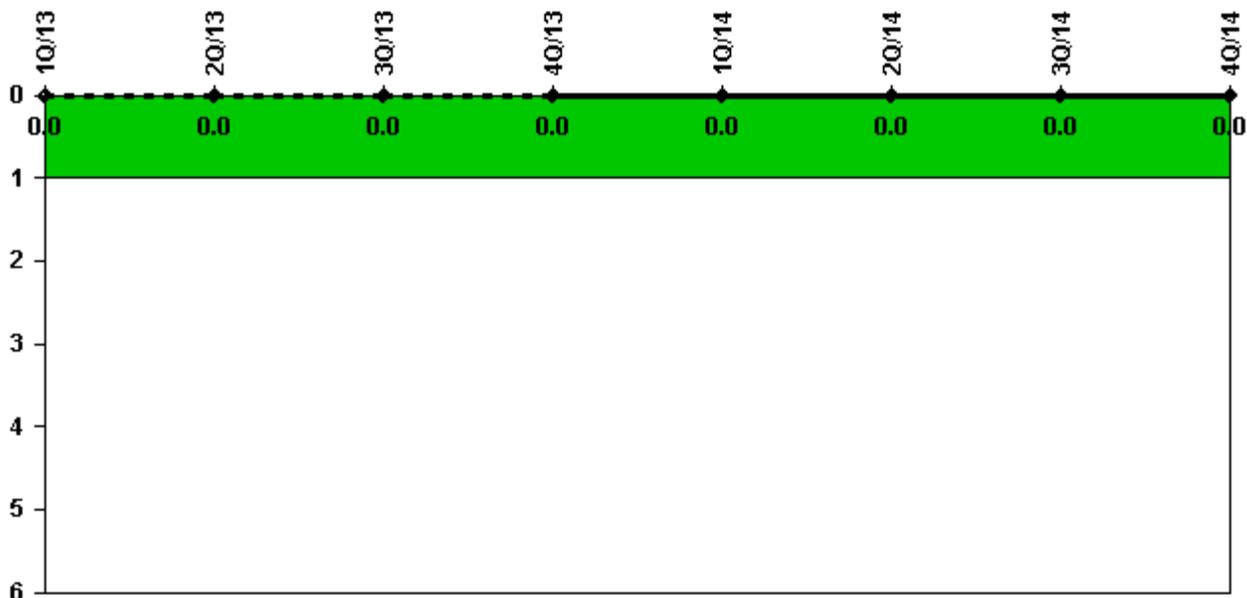
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	1532.6	2184.0	2138.6	2209.0	2129.5	2184.0	2161.6	2209.0
Indicator value	0							

Licensee Comments: none

Unplanned Scrams with Complications



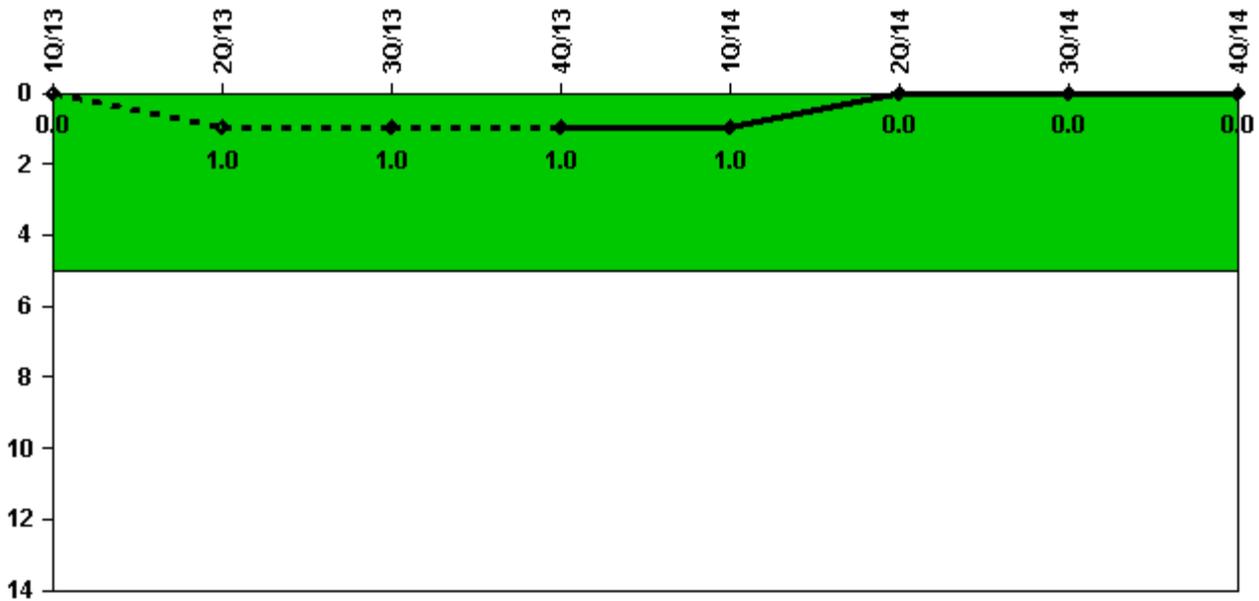
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0							

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

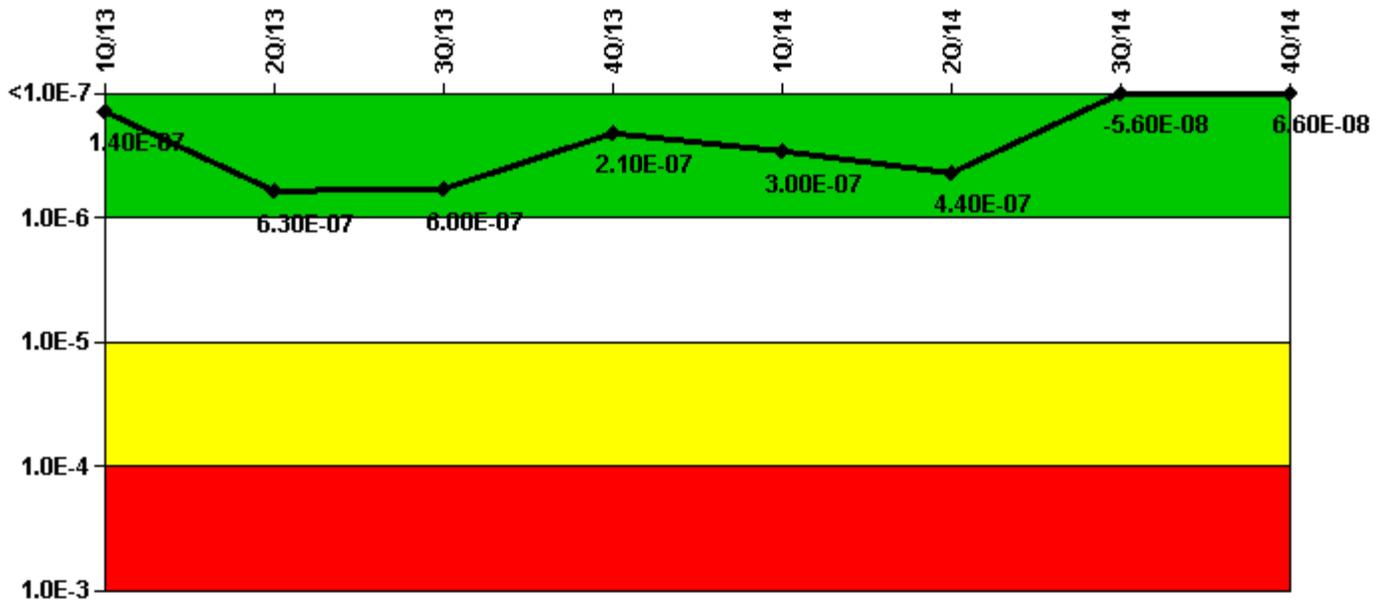
Notes

Safety System Functional Failures (PWR)	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Safety System Functional Failures	0	1	0	0	0	0	0	0
Indicator value	0	1	1	1	1	0	0	0

Licensee Comments:

2Q/13: LER-2013-002 reported on April 29, 2013, a safety system functional failure due to an inoperable ECCS caused by violation of the containment sump debris barrier integrity.

Mitigating Systems Performance Index, Emergency AC Power System



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

Notes

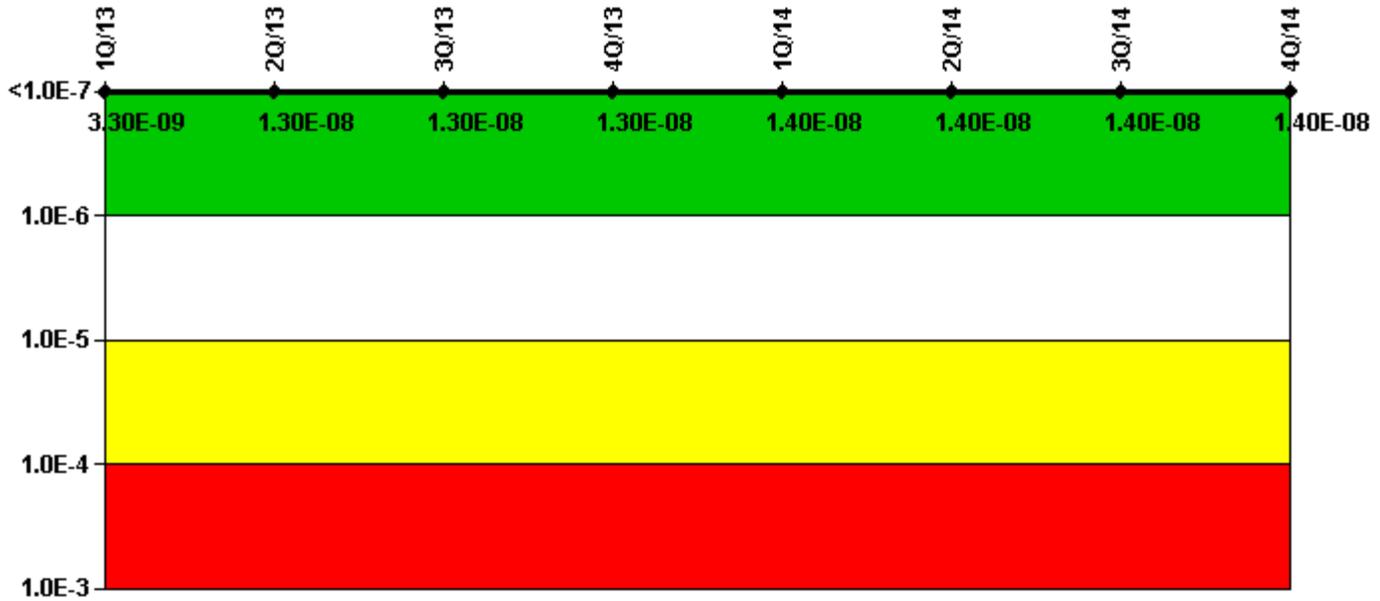
Mitigating Systems Performance Index, Emergency AC Power System	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
UAI (ΔCDF)	1.25E-07	3.85E-07	3.44E-07	3.59E-07	3.45E-07	3.96E-07	3.12E-07	4.07E-07
URI (ΔCDF)	1.12E-08	2.41E-07	2.51E-07	-1.53E-07	-4.10E-08	4.65E-08	-3.68E-07	-3.41E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.40E-07	6.30E-07	6.00E-07	2.10E-07	3.00E-07	4.40E-07	-5.60E-08	6.60E-08

Licensee Comments:

3Q/14: Auto roll-off after 36 months of the failure of the 33 EDG in September 2011.

2Q/13: PRA Baseline data required changes as a result of PRA model update/upgrades to meet Regulatory Guide 1.200 and changes to plant procedures, equipment and performance. Changes to the MSPI Basis Document included the System Unavailability Risk Importance Data, EAC Monitored Component PRA Information. The MSPIs remained within the Green Band.

Mitigating Systems Performance Index, High Pressure Injection System



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

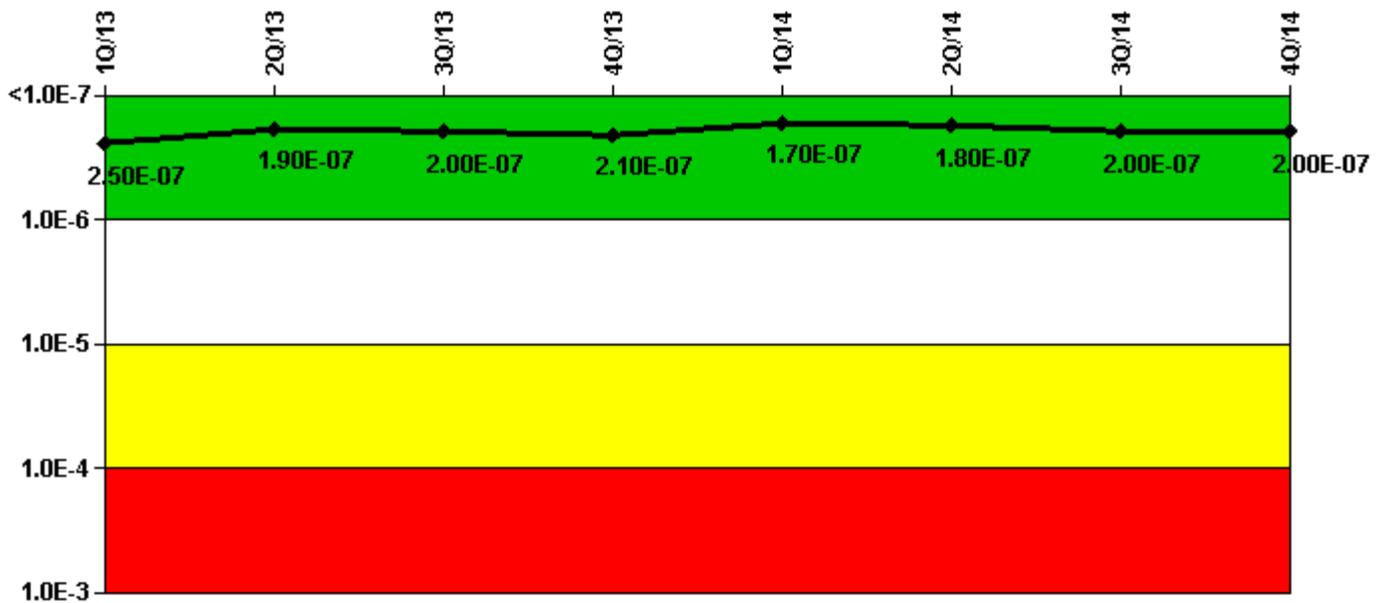
Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
UAI (Δ CDF)	-2.71E-10	3.17E-10	2.78E-10	2.45E-10	2.31E-10	2.13E-10	2.18E-10	2.19E-10
URI (Δ CDF)	3.54E-09	1.29E-08	1.29E-08	1.30E-08	1.35E-08	1.39E-08	1.40E-08	1.41E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.30E-09	1.30E-08	1.30E-08	1.30E-08	1.40E-08	1.40E-08	1.40E-08	1.40E-08

Licensee Comments:

2Q/13: PRA Baseline data required changes as a result of PRA model update/upgrades to meet Regulatory Guide 1.200 and changes to plant procedures, equipment and performance. Changes to the MSPI Basis Document included the System Unavailability Risk Importance Data, EAC Monitored Component PRA Information. The MSPIs remained within the Green Band.

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/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
UAI (ΔCDF)	1.49E-08	2.04E-08	1.95E-08	2.76E-08	-1.87E-08	-2.14E-08	-1.52E-08	-1.12E-08
URI (ΔCDF)	2.36E-07	1.72E-07	1.80E-07	1.79E-07	1.86E-07	1.99E-07	2.11E-07	2.11E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.50E-07	1.90E-07	2.00E-07	2.10E-07	1.70E-07	1.80E-07	2.00E-07	2.00E-07

Licensee Comments:

4Q/14: Risk Cap Invoked.

3Q/14: Risk Cap Invoked.

2Q/14: Risk Cap Invoked.

1Q/14: Risk Cap Invoked.

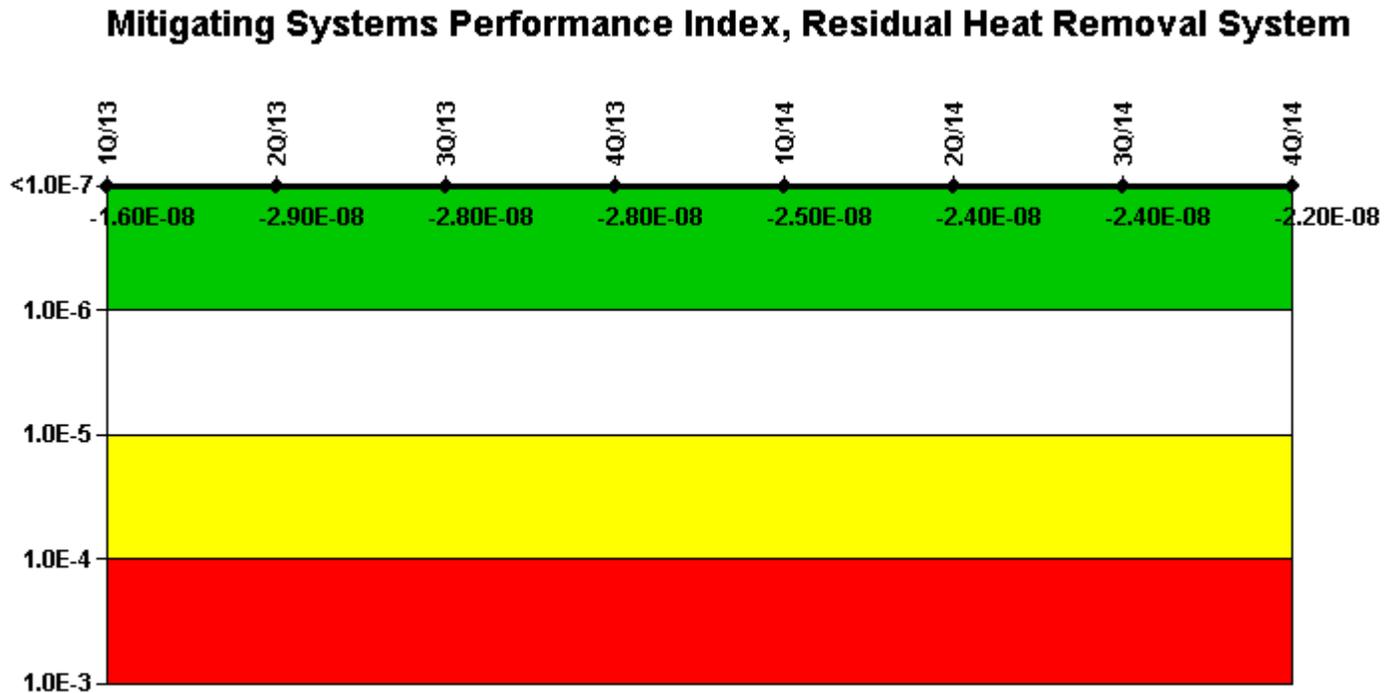
4Q/13: Risk Cap Invoked.

3Q/13: Risk Cap Invoked.

2Q/13: Risk Cap Invoked. PRA Baseline data required changes as a result of PRA model update/upgrades to meet Regulatory Guide 1.200 and changes to plant procedures, equipment and performance. Changes to the MSPI Basis Document included the System Unavailability Risk Importance Data, EAC Monitored Component PRA

Information. The MSPIs remained within the Green Band.

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.



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

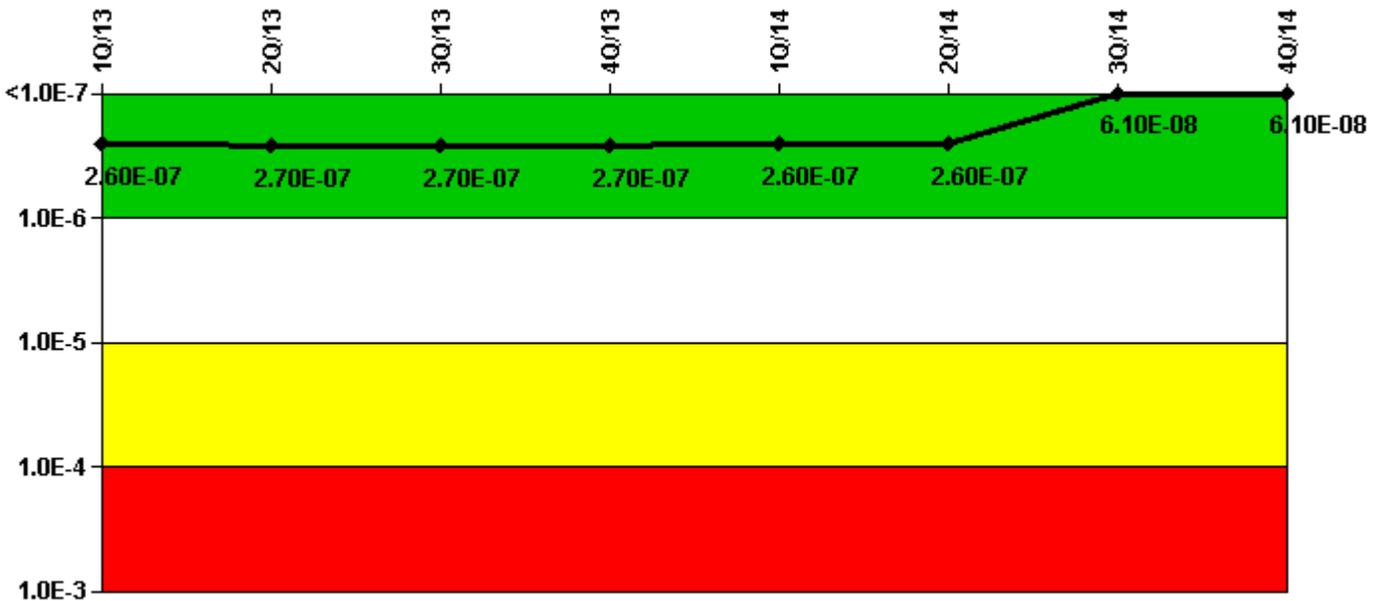
Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
UAI (ΔCDF)	-1.14E-08	-1.44E-08	-1.36E-08	-1.36E-08	-1.39E-08	-1.45E-08	-1.45E-08	-1.23E-08
URI (ΔCDF)	-4.28E-09	-1.44E-08	-1.45E-08	-1.45E-08	-1.08E-08	-9.84E-09	-9.84E-09	-9.84E-09
PLE	NO							
Indicator value	-1.60E-08	-2.90E-08	-2.80E-08	-2.80E-08	-2.50E-08	-2.40E-08	-2.40E-08	-2.20E-08

Licensee Comments:

2Q/13: PRA Baseline data required changes as a result of PRA model update/upgrades to meet Regulatory Guide 1.200 and changes to plant procedures, equipment and performance. Changes to the MSPI Basis Document included the System Unavailability Risk Importance Data, EAC Monitored Component PRA Information. The MSPIs remained within the Green Band.

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/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
UAI (ΔCDF)	2.32E-07	2.24E-07	2.26E-07	2.27E-07	2.17E-07	2.17E-07	2.72E-08	2.70E-08
URI (ΔCDF)	2.36E-08	4.45E-08	4.47E-08	4.38E-08	4.51E-08	4.74E-08	3.35E-08	3.36E-08
PLE	NO							
Indicator value	2.60E-07	2.70E-07	2.70E-07	2.70E-07	2.60E-07	2.60E-07	6.10E-08	6.10E-08

Licensee Comments:

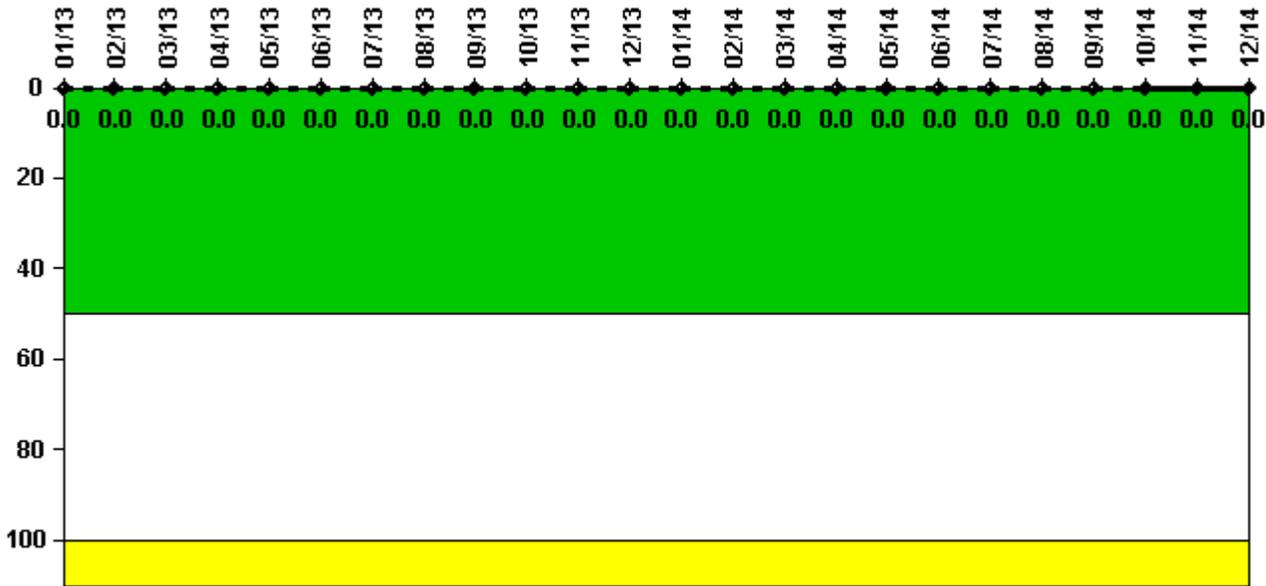
3Q/14: Auto roll-off of the 32 CCW pump failure on August 19, 2011.

2Q/13: PRA Baseline data required changes as a result of PRA model update/upgrades to meet Regulatory Guide 1.200 and changes to plant procedures, equipment and performance. Changes to the MSPI Basis Document included the System Unavailability Risk Importance Data, EAC Monitored Component PRA Information. The MSPIs remained within the Green Band. CWs also included changes to the CCW calculation of Risk Ratio with IE Correction Factor.

1Q/13: Change to planned unavailable hours for the 31 SWP and the 35 SWP in february 2013 adding planned unavailable hours for the change-out of the SWP discharge check valves when the reactor was critical. Planned

unavailable hours for the 34 SWP and the 36 SWP for change-out of their discharge check valves was deleted because during that time the reactor was not critical (outage).

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

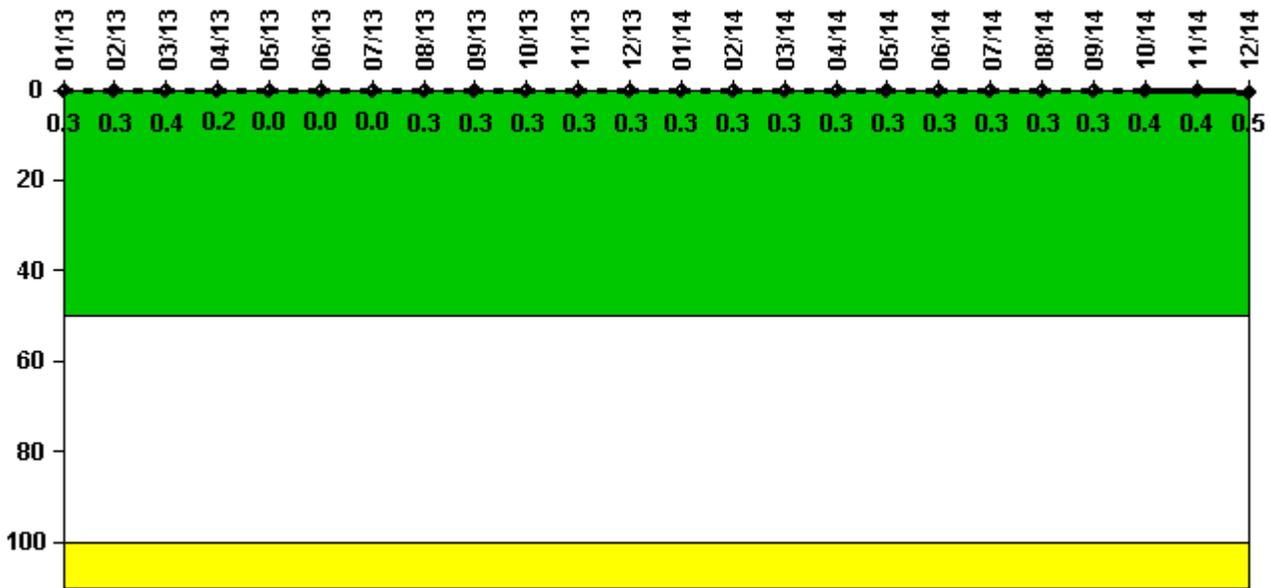
Notes

Reactor Coolant System Activity	1/13	2/13	3/13	4/13	5/13	6/13	7/13	8/13	9/13	10/13	11/13	12/13
Maximum activity	0.000245	0.000243	0.000240	0.000094	0.000106	0.000115	0.000128	0.000115	0.000116	0.000123	0.000124	0.000130
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	1/14	2/14	3/14	4/14	5/14	6/14	7/14	8/14	9/14	10/14	11/14	12/14
Maximum activity	0.000136	0.000138	0.000144	0.000139	0.000147	0.000147	0.000169	0.000162	0.000171	0.000183	0.000181	0.000183
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											

Licensee Comments: none

Reactor Coolant System Leakage



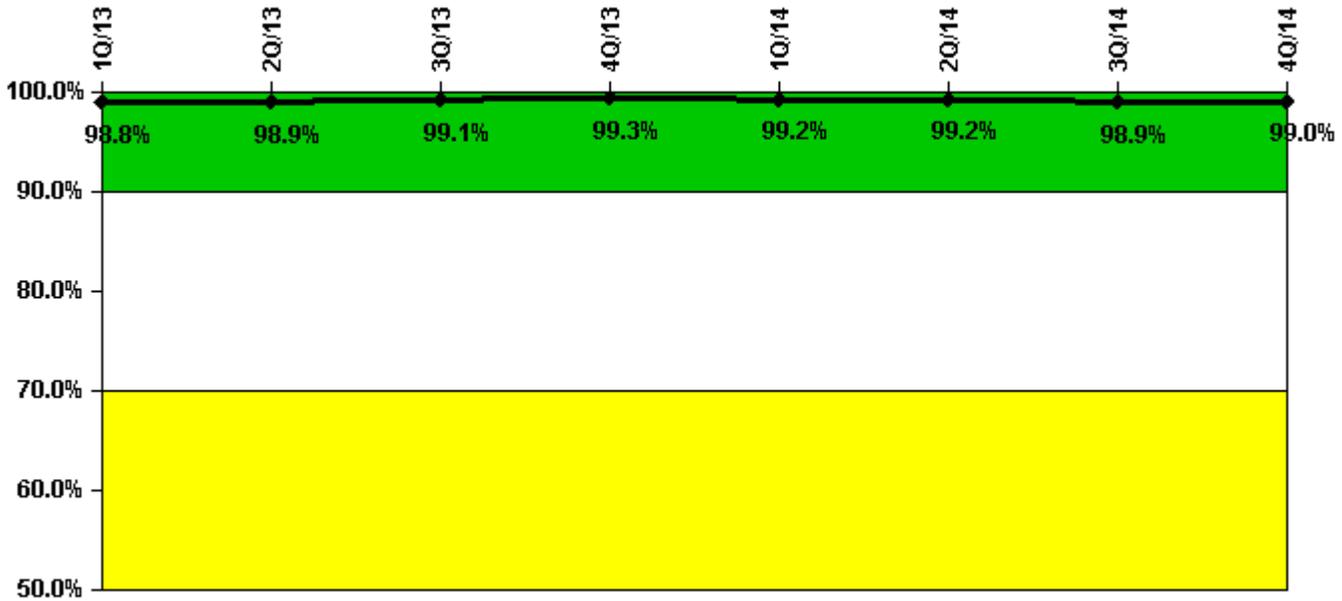
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/13	2/13	3/13	4/13	5/13	6/13	7/13	8/13	9/13	10/13	11/13	12/13
Maximum leakage	0.030	0.030	0.040	0.020	0	0.004	0.004	0.030	0.030	0.030	0.030	0.030
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	0.3	0.4	0.2	0	0	0	0.3	0.3	0.3	0.3	0.3
Reactor Coolant System Leakage	1/14	2/14	3/14	4/14	5/14	6/14	7/14	8/14	9/14	10/14	11/14	12/14
Maximum leakage	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.040	0.040	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	0.3	0.4	0.4	0.5								

Licensee Comments: none

Drill/Exercise Performance



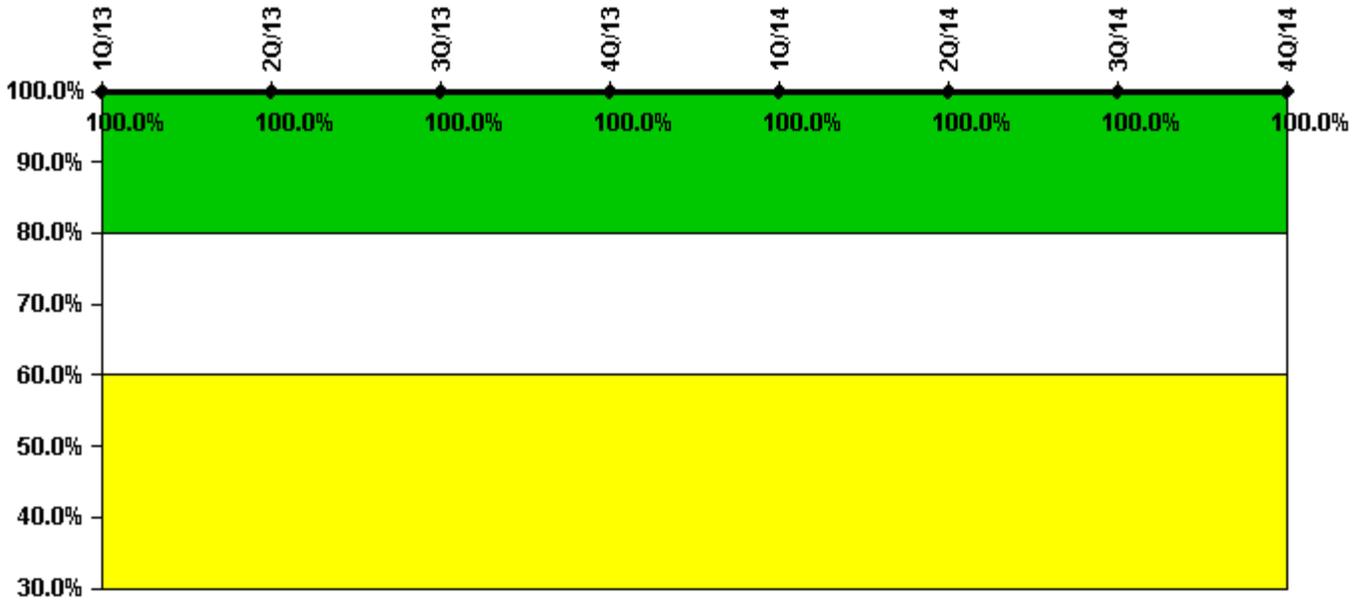
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Successful opportunities	101.0	300.0	291.0	127.0	50.0	108.0	200.0	109.0
Total opportunities	101.0	301.0	297.0	127.0	51.0	110.0	203.0	109.0
Indicator value	98.8%	98.9%	99.1%	99.3%	99.2%	99.2%	98.9%	99.0%

Licensee Comments: none

ERO Drill Participation



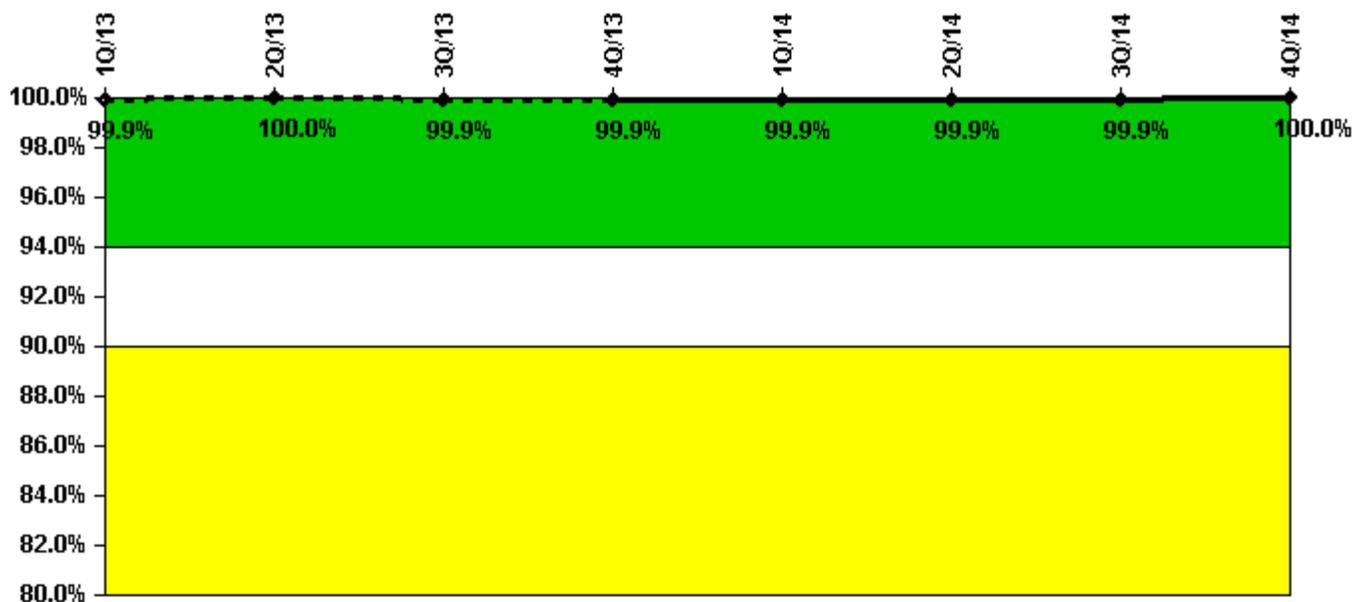
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Participating Key personnel	106.0	104.0	109.0	111.0	104.0	104.0	100.0	106.0
Total Key personnel	106.0	104.0	109.0	111.0	104.0	104.0	100.0	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



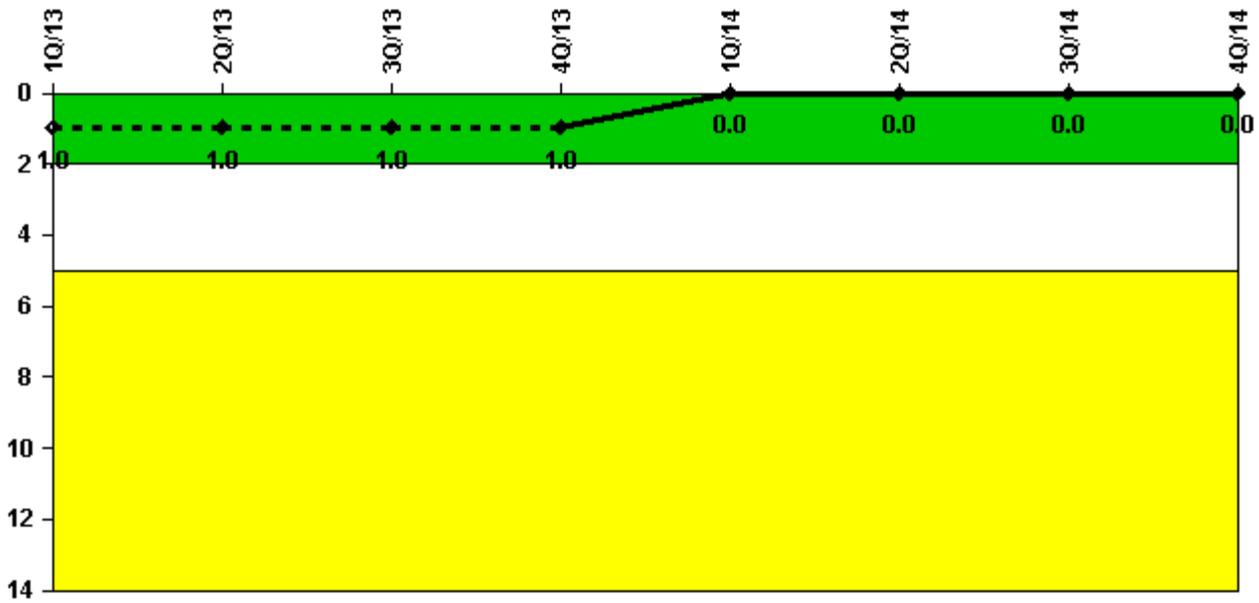
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Successful siren-tests	1015	1077	936	1303	1148	1156	1187	1181
Total sirens-tests	1015	1077	938	1304	1148	1158	1187	1181
Indicator value	99.9%	100.0%	99.9%	99.9%	99.9%	99.9%	99.9%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

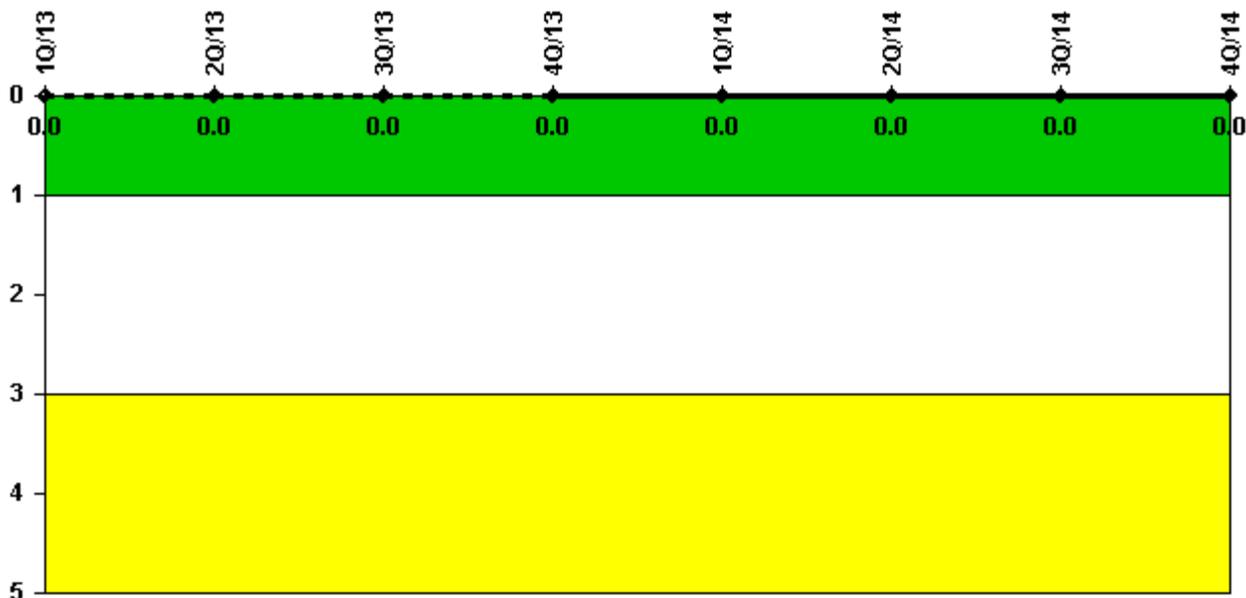
Notes

Occupational Exposure Control Effectiveness	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
High radiation area occurrences	1	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	1	0	0	0	0

Licensee Comments:

1Q/13: Inadequate access control to a locked high radiation area at the start of refueling outage 3R17 on March 4, 2013, when workers re-entered containment that was posted as a locked high radiation area without an RP escort.

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	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: February 3, 2015