

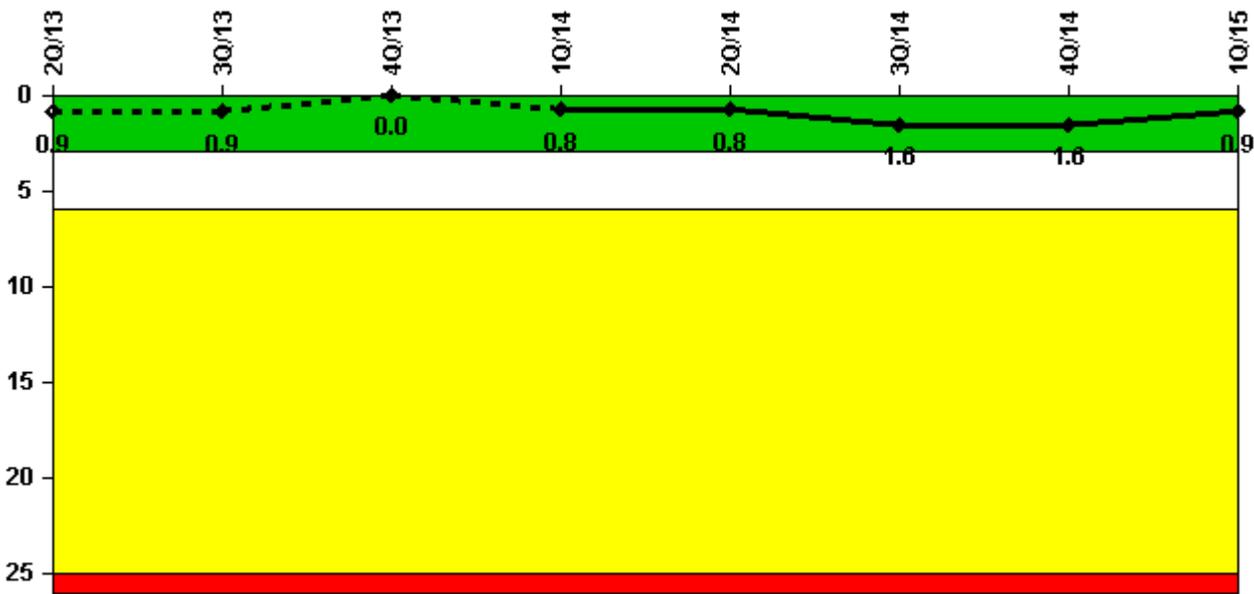
Indian Point 3

1Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: EP01: Change for June 2014 to account for 2 missed Shift Manager opportunities, EP03: Change November, December 2013 to remove an extra silent test in Westchester Co which should not have been counted, EP03: Change May, June 2014 for removing 77 opportunities as test was not performed when scheduled and considered missed silent test at Westchester Co., EP03: July, August, September 2014 updated to include 16 failures on silent test conducted in Putnam Co. and removed 77 opportunities as test was not performed when scheduled and considered a missed silent test at Westchester Co., EP03: November, December 2014 updated for removal of 77 opportunities as test was not performed when scheduled and considered a missed silent test at Westchester Co

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

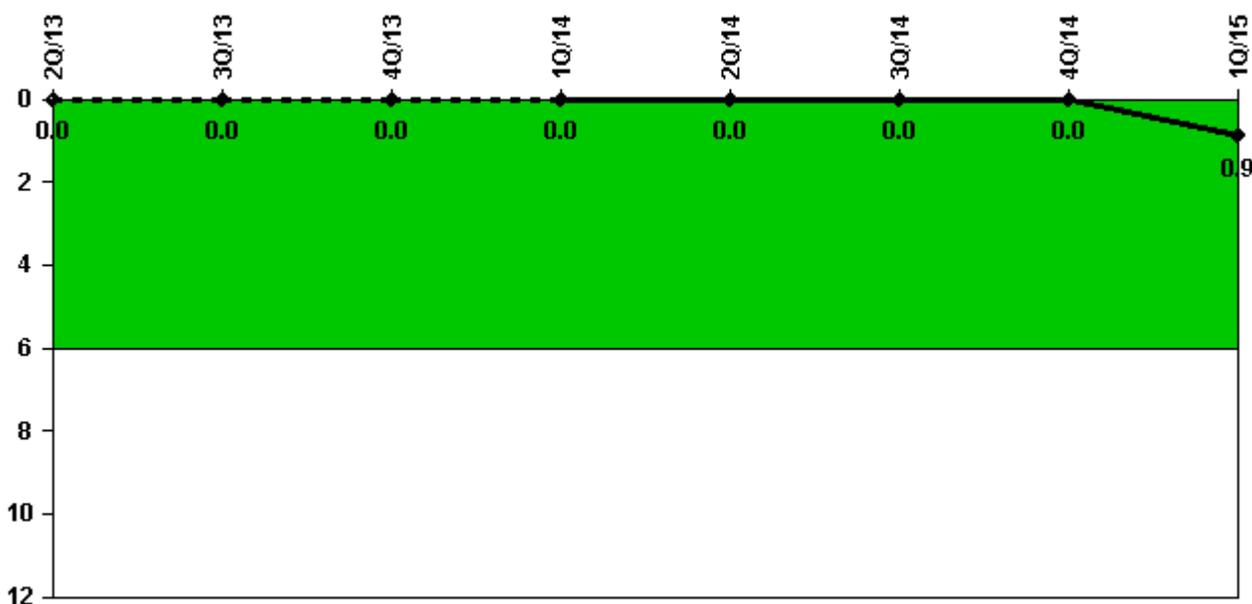
Unplanned Scrams per 7000 Critical Hrs	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Unplanned scrams	0	0	0	1.0	0	1.0	0	0
Critical hours	2184.0	2138.6	2209.0	2129.5	2184.0	2161.6	2209.0	1626.7
Indicator value	0.9	0.9	0	0.8	0.8	1.6	1.6	0.9

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

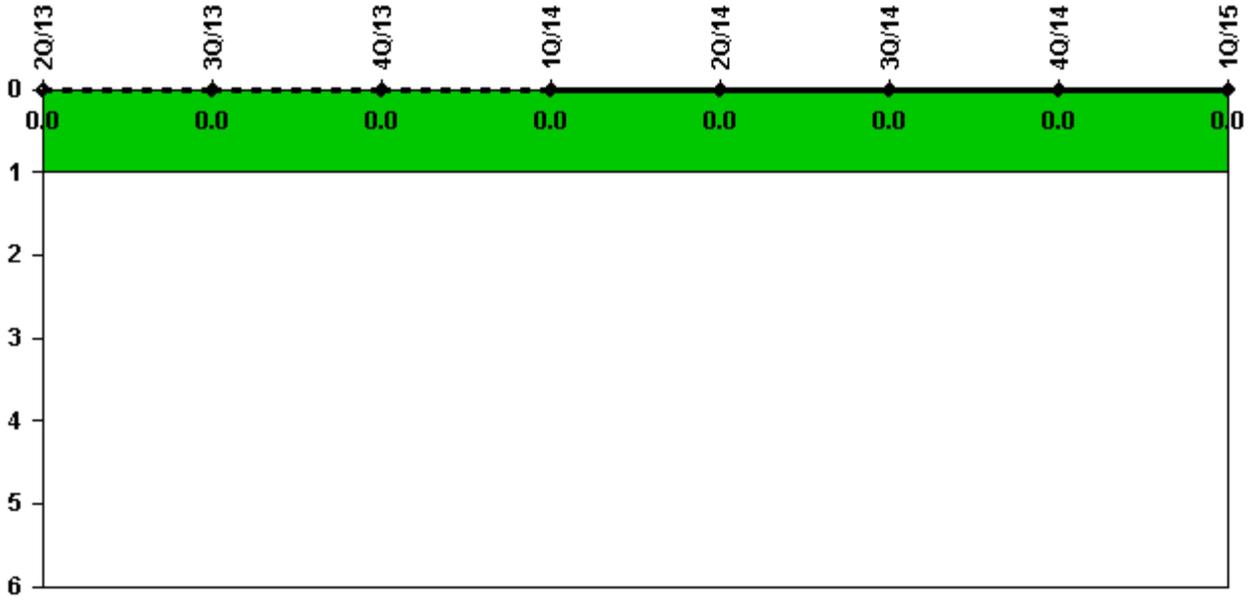
Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Unplanned power changes	0	0	0	0	0	0	0	1.0
Critical hours	2184.0	2138.6	2209.0	2129.5	2184.0	2161.6	2209.0	1626.7
Indicator value	0	0.9						

Licensee Comments:

1Q/15: On January 8, 2015, at 04000 hours, entered TS 3.5.4 (RWST) due to both RWST level sensing lines frozen resulting in inoperable low-low level alarms in the control room. At 0700 hours began unit shutdown per TS for two inoperable RWST level alarms. At 1000 hours, repaired level alarms and halted unit shutdown at 43.3% reactor power.

Unplanned Scrams with Complications



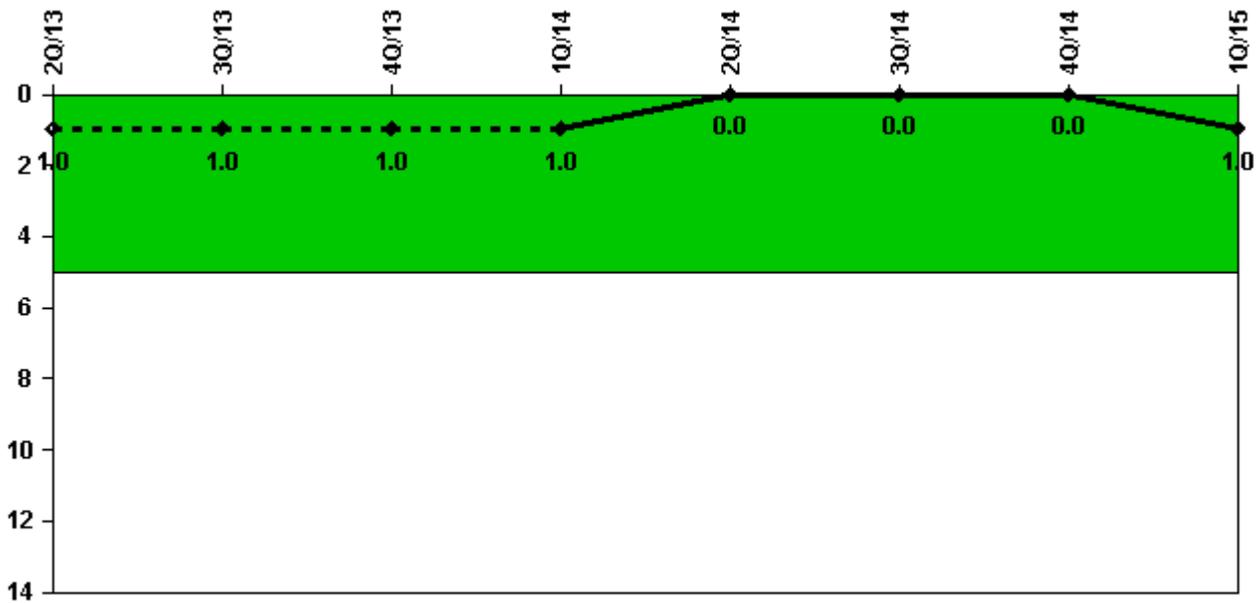
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
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

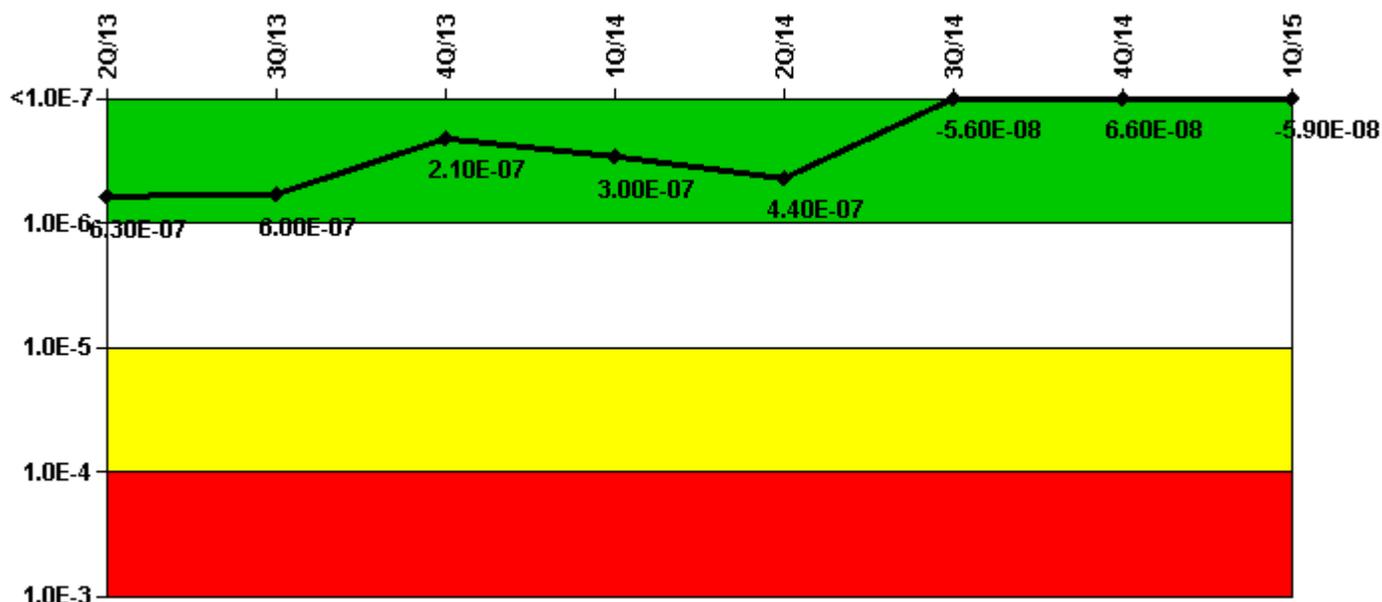
Safety System Functional Failures (PWR)	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Safety System Functional Failures	1	0	0	0	0	0	0	1
Indicator value	1	1	1	1	0	0	0	1

Licensee Comments:

1Q/15: LER-2015-001 submitted on March 3, 2015 for a SSFF and common cause inoperability of independent trains or channels due to discovery on January 8, 2015 of both RWST level instruments sensing lines frozen. Safety function is to alert operators to switch over from the RWST to containment sump during a LOCA.

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

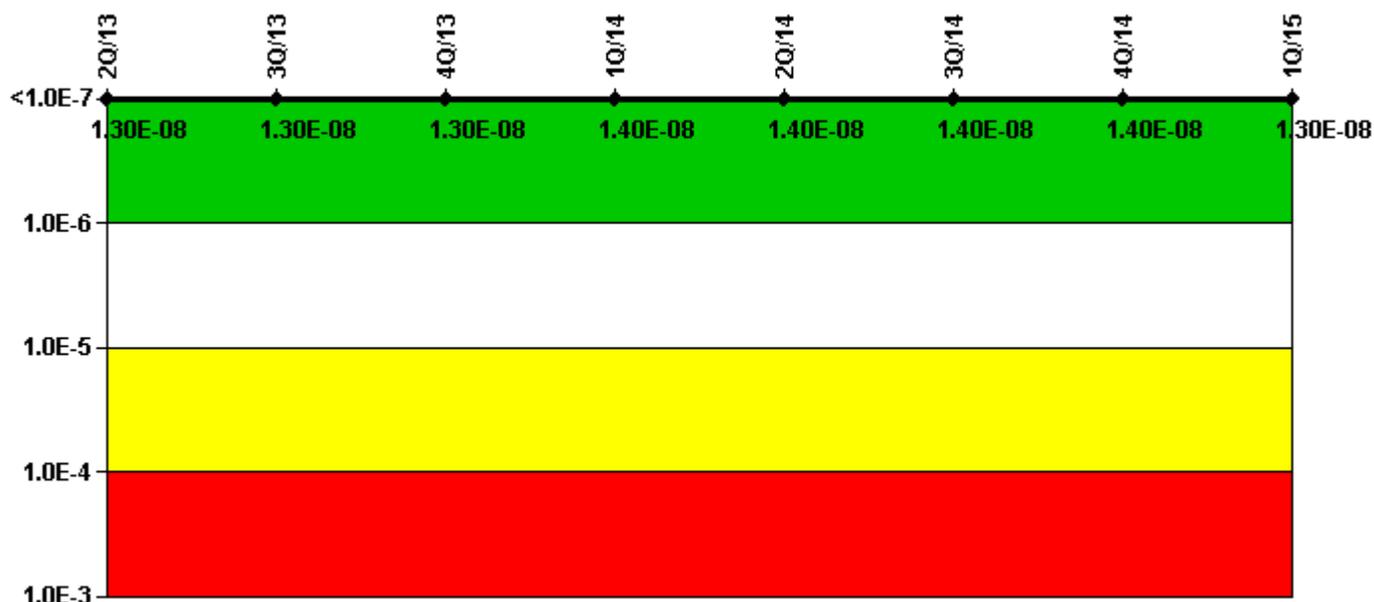
Mitigating Systems Performance Index, Emergency AC Power System	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
UAI (Δ CDF)	3.85E-07	3.44E-07	3.59E-07	3.45E-07	3.96E-07	3.12E-07	4.07E-07	3.91E-07
URI (Δ CDF)	2.41E-07	2.51E-07	-1.53E-07	-4.10E-08	4.65E-08	-3.68E-07	-3.41E-07	-4.51E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	6.30E-07	6.00E-07	2.10E-07	3.00E-07	4.40E-07	-5.60E-08	6.60E-08	-5.90E-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

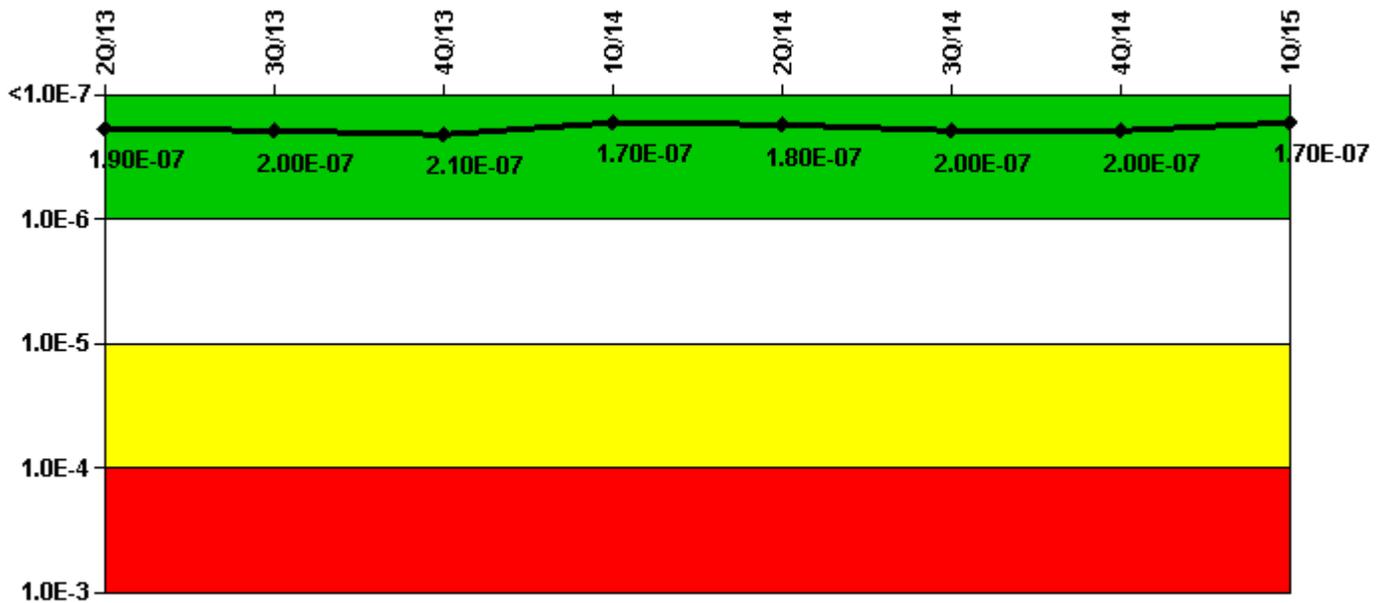
Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
UAI (Δ CDF)	3.17E-10	2.78E-10	2.45E-10	2.31E-10	2.13E-10	2.18E-10	2.19E-10	2.41E-10
URI (Δ CDF)	1.29E-08	1.29E-08	1.30E-08	1.35E-08	1.39E-08	1.40E-08	1.41E-08	1.29E-08
PLE	NO							
Indicator value	1.30E-08	1.30E-08	1.30E-08	1.40E-08	1.40E-08	1.40E-08	1.40E-08	1.30E-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	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
UAI (ΔCDF)	2.04E-08	1.95E-08	2.76E-08	-1.87E-08	-2.14E-08	-1.52E-08	-1.12E-08	-7.14E-09
URI (ΔCDF)	1.72E-07	1.80E-07	1.79E-07	1.86E-07	1.99E-07	2.11E-07	2.11E-07	1.79E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.90E-07	2.00E-07	2.10E-07	1.70E-07	1.80E-07	2.00E-07	2.00E-07	1.70E-07

Licensee Comments:

1Q/15: Risk Cap Invoked.

4Q/14: Risk Cap Invoked.

3Q/14: Risk Cap Invoked.

2Q/14: Risk Cap Invoked.

1Q/14: Risk Cap Invoked.

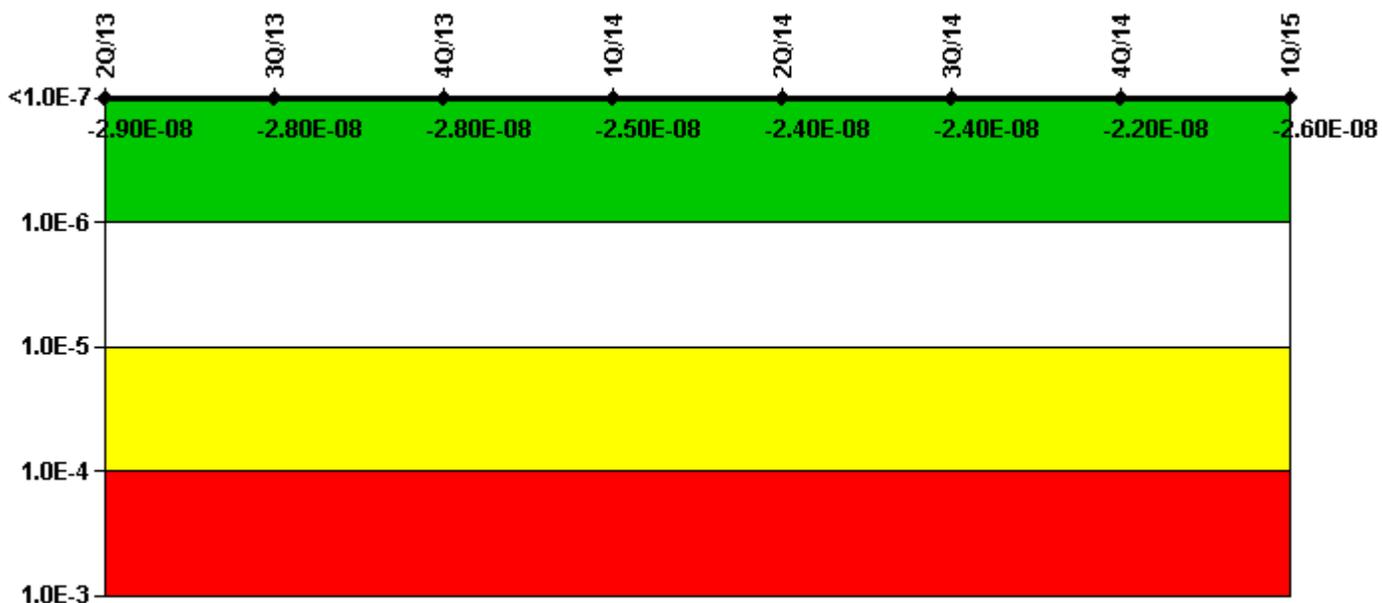
4Q/13: Risk Cap Invoked.

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.

Mitigating Systems Performance Index, Residual Heat Removal System



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

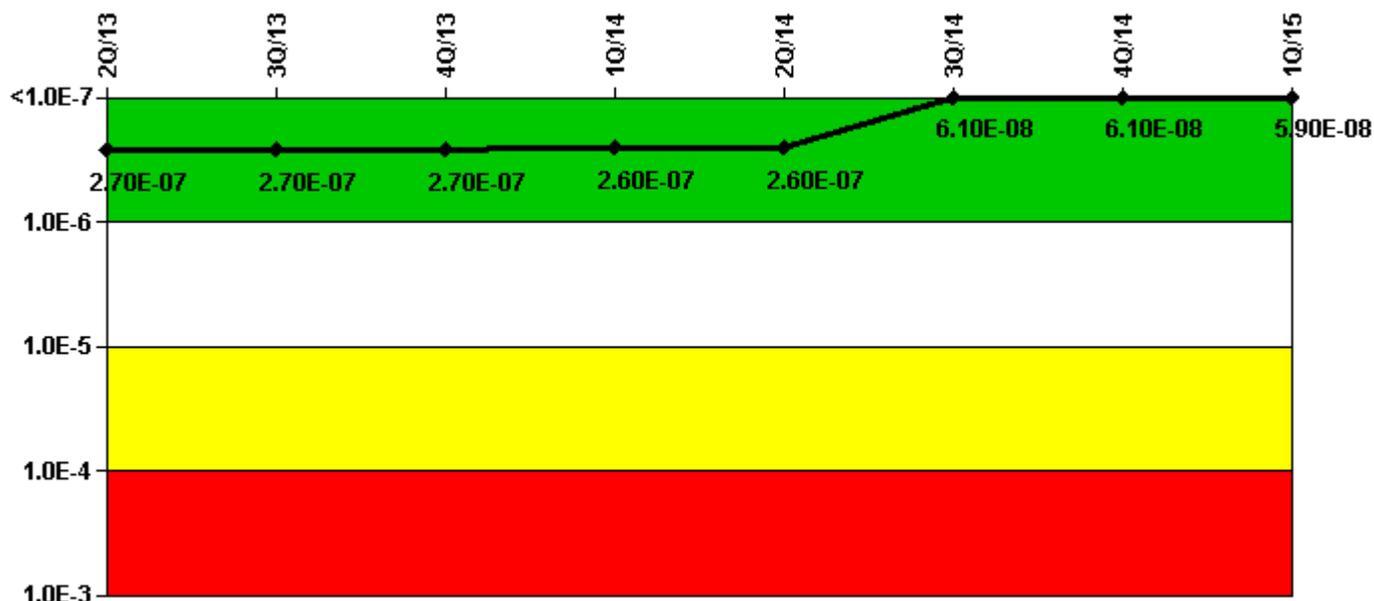
Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
UAI (ΔCDF)	-1.44E-08	-1.36E-08	-1.36E-08	-1.39E-08	-1.45E-08	-1.45E-08	-1.23E-08	-1.20E-08
URI (ΔCDF)	-1.44E-08	-1.45E-08	-1.45E-08	-1.08E-08	-9.84E-09	-9.84E-09	-9.84E-09	-1.38E-08
PLE	NO							
Indicator value	-2.90E-08	-2.80E-08	-2.80E-08	-2.50E-08	-2.40E-08	-2.40E-08	-2.20E-08	-2.60E-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

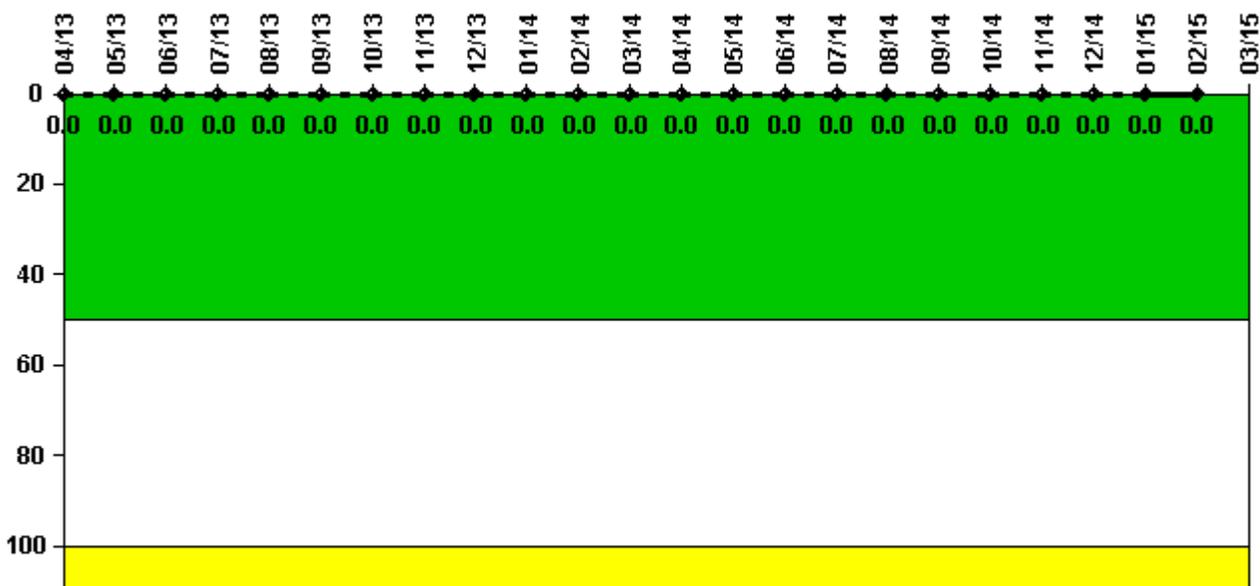
Mitigating Systems Performance Index, Cooling Water Systems	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
UAI (ΔCDF)	2.24E-07	2.26E-07	2.27E-07	2.17E-07	2.17E-07	2.72E-08	2.70E-08	2.64E-08
URI (ΔCDF)	4.45E-08	4.47E-08	4.38E-08	4.51E-08	4.74E-08	3.35E-08	3.36E-08	3.30E-08
PLE	NO							
Indicator value	2.70E-07	2.70E-07	2.70E-07	2.60E-07	2.60E-07	6.10E-08	6.10E-08	5.90E-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.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

Notes

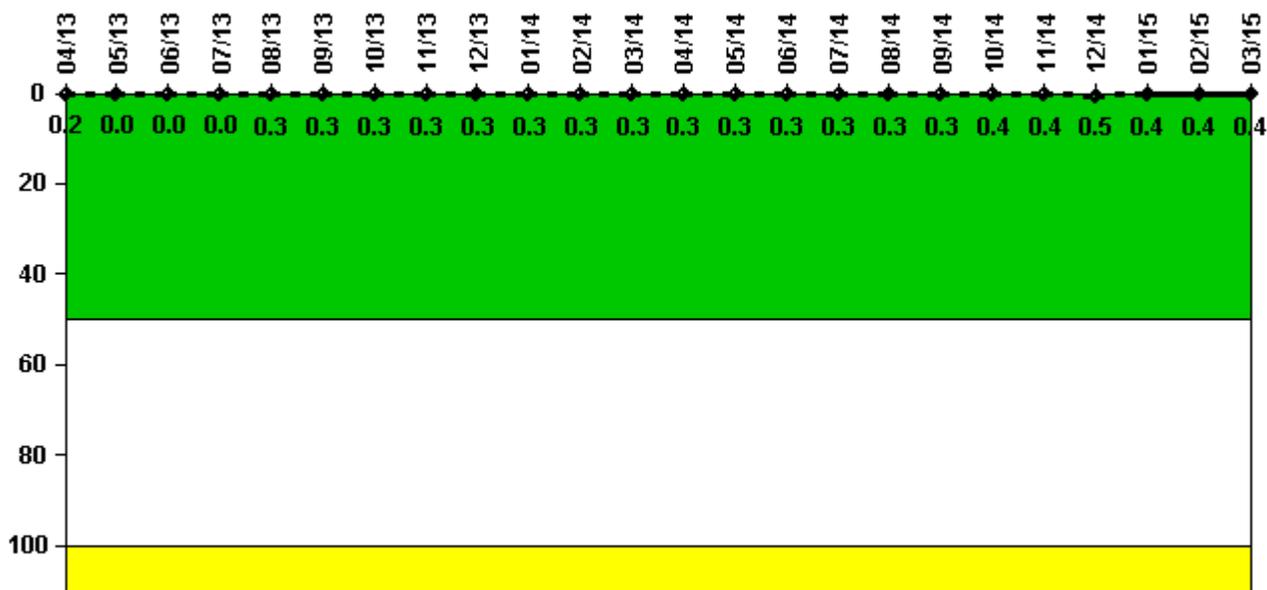
Reactor Coolant System Activity	4/13	5/13	6/13	7/13	8/13	9/13	10/13	11/13	12/13	1/14	2/14	3/14
Maximum activity	0.000094	0.000106	0.000115	0.000128	0.000115	0.000116	0.000123	0.000124	0.000130	0.000136	0.000138	0.000144
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	4/14	5/14	6/14	7/14	8/14	9/14	10/14	11/14	12/14	1/15	2/15	3/15
Maximum activity	0.000139	0.000147	0.000147	0.000169	0.000162	0.000171	0.000183	0.000181	0.000183	0.000191	0.000203	N/A
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	N/A

Licensee Comments:

3/15: (NA) No data for March 2015 due to unit in refueling outage (unstable RCS activity concentrations). Unit coastdown March 1, 2015 to initial criticality March 24, 2015, with startup for the remainder of the month.

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

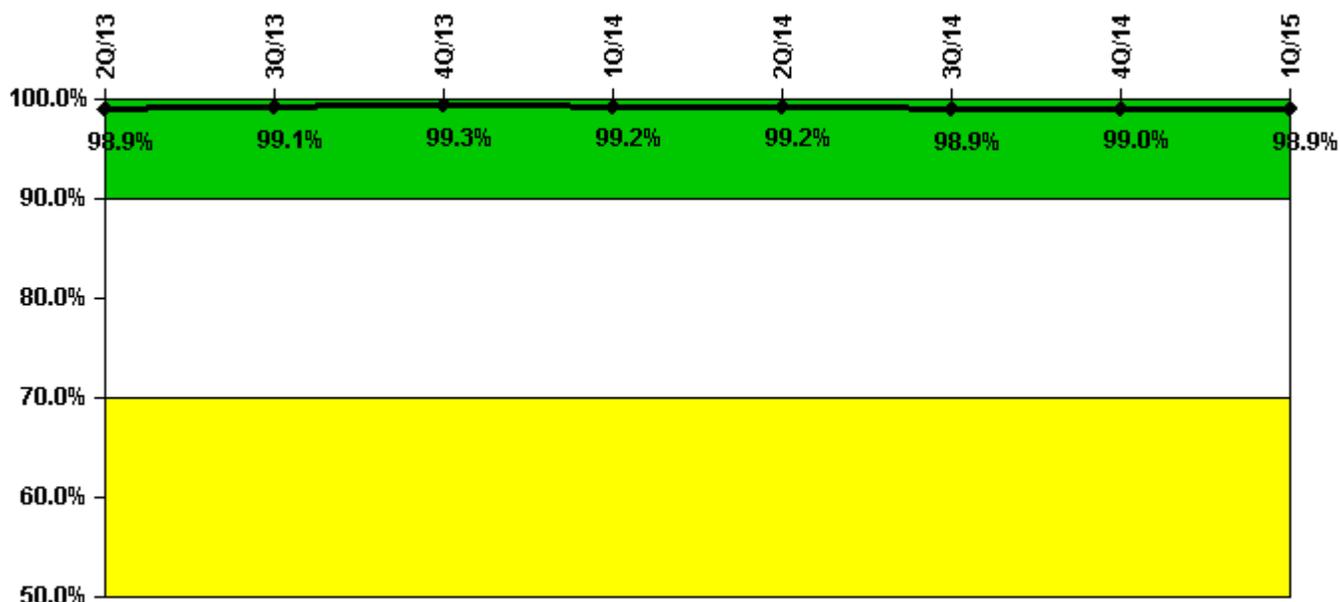
Notes

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

Reactor Coolant System Leakage	4/14	5/14	6/14	7/14	8/14	9/14	10/14	11/14	12/14	1/15	2/15	3/15
Maximum leakage	0.030	0.030	0.030	0.030	0.030	0.030	0.040	0.040	0.050	0.040	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	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.5	0.4	0.4	0.4

Licensee Comments: none

Drill/Exercise Performance



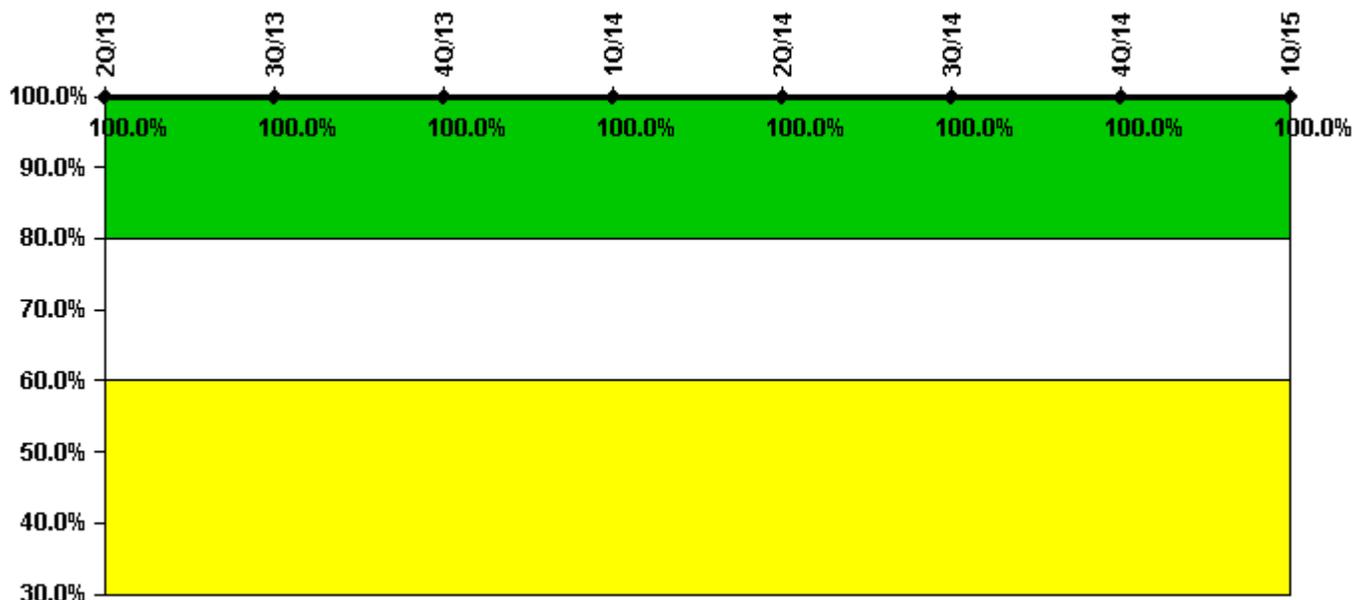
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Successful opportunities	300.0	291.0	127.0	50.0	108.0	200.0	109.0	20.0
Total opportunities	301.0	297.0	127.0	51.0	110.0	203.0	109.0	21.0
Indicator value	98.9%	99.1%	99.3%	99.2%	99.2%	98.9%	99.0%	98.9%

Licensee Comments: none

ERO Drill Participation



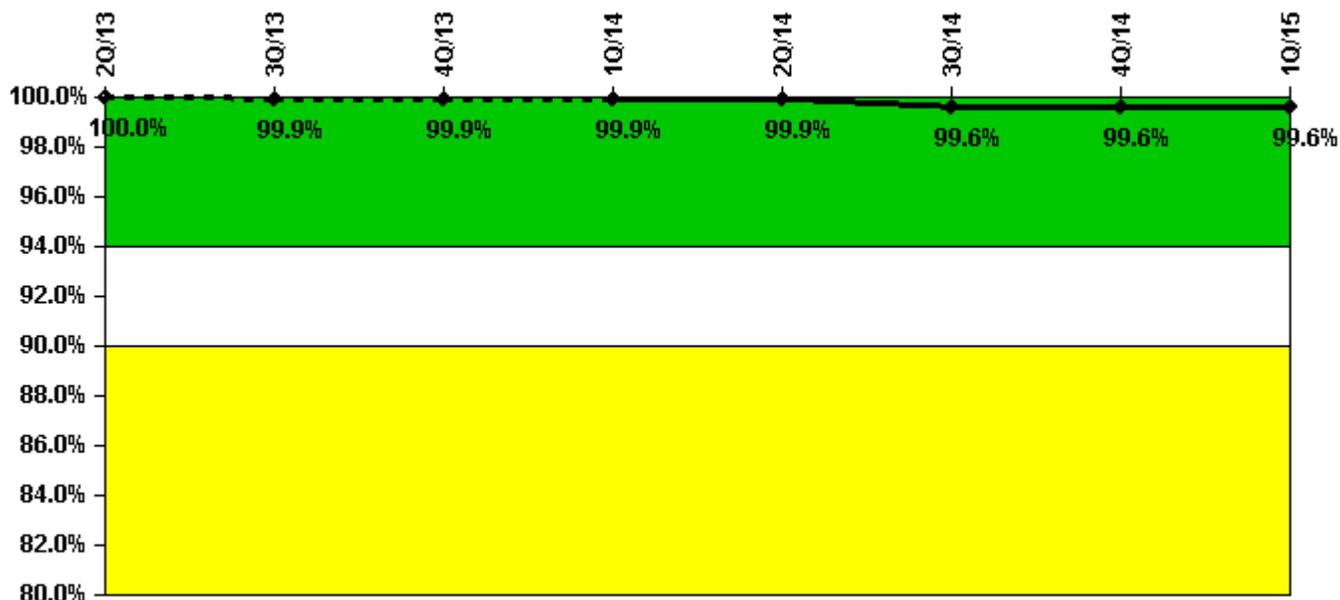
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Participating Key personnel	104.0	109.0	111.0	104.0	104.0	100.0	106.0	104.0
Total Key personnel	104.0	109.0	111.0	104.0	104.0	100.0	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



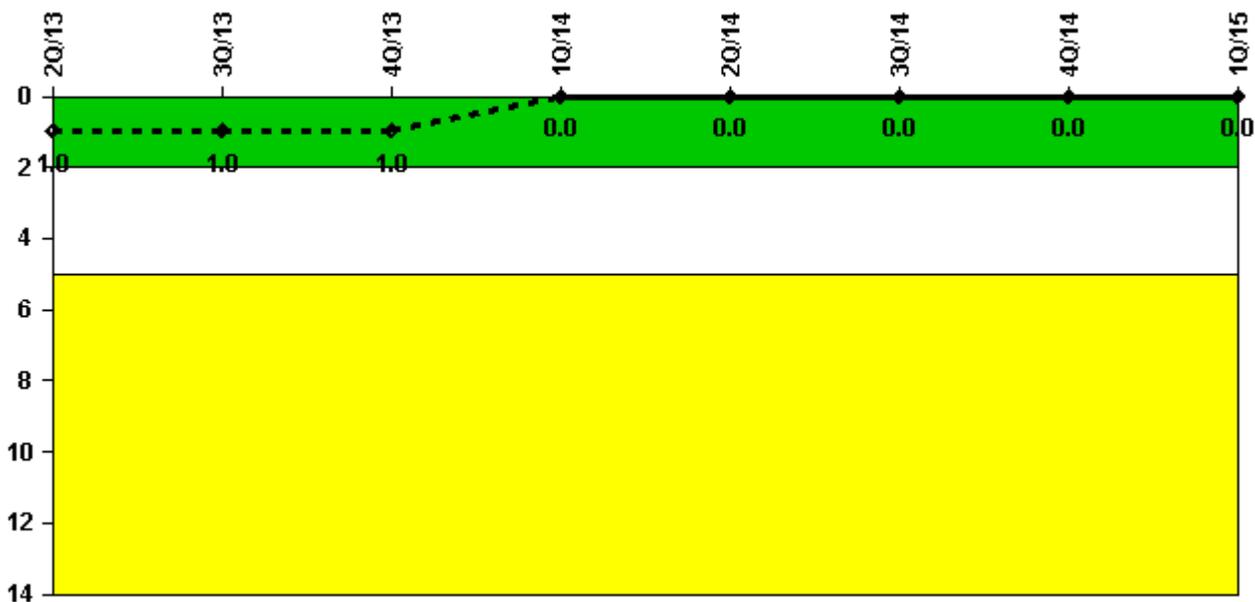
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Successful siren-tests	1077	936	1226	1148	1079	1110	1104	1135
Total sirens-tests	1077	938	1227	1148	1081	1126	1104	1135
Indicator value	100.0%	99.9%	99.9%	99.9%	99.9%	99.6%	99.6%	99.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness



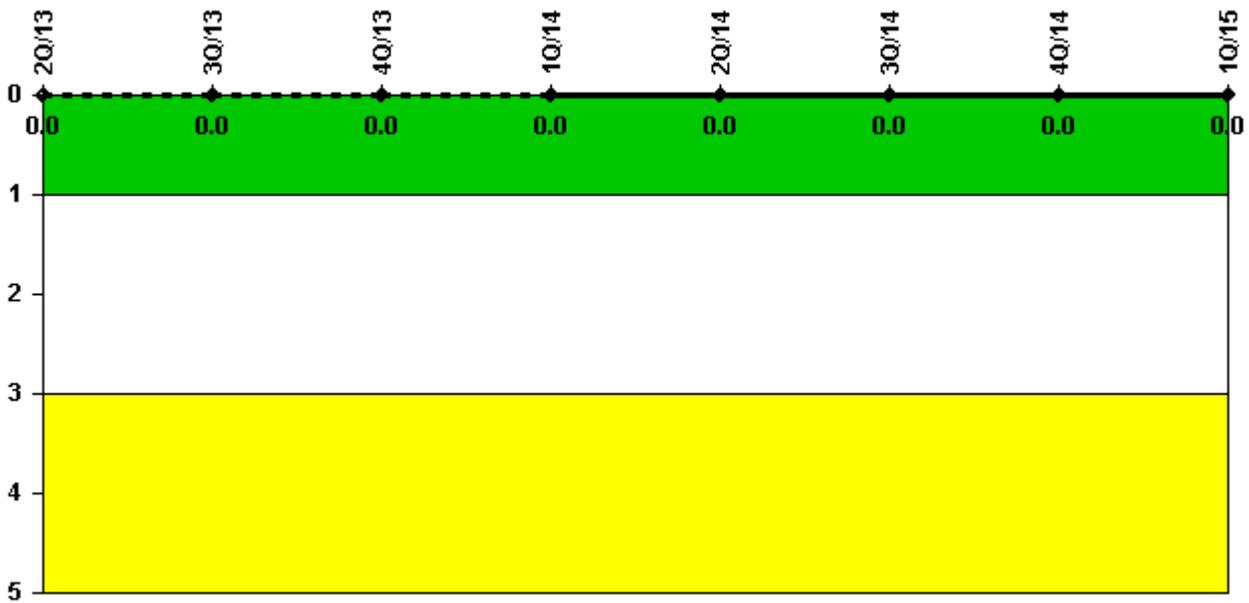
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
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/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
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: April 23, 2015