

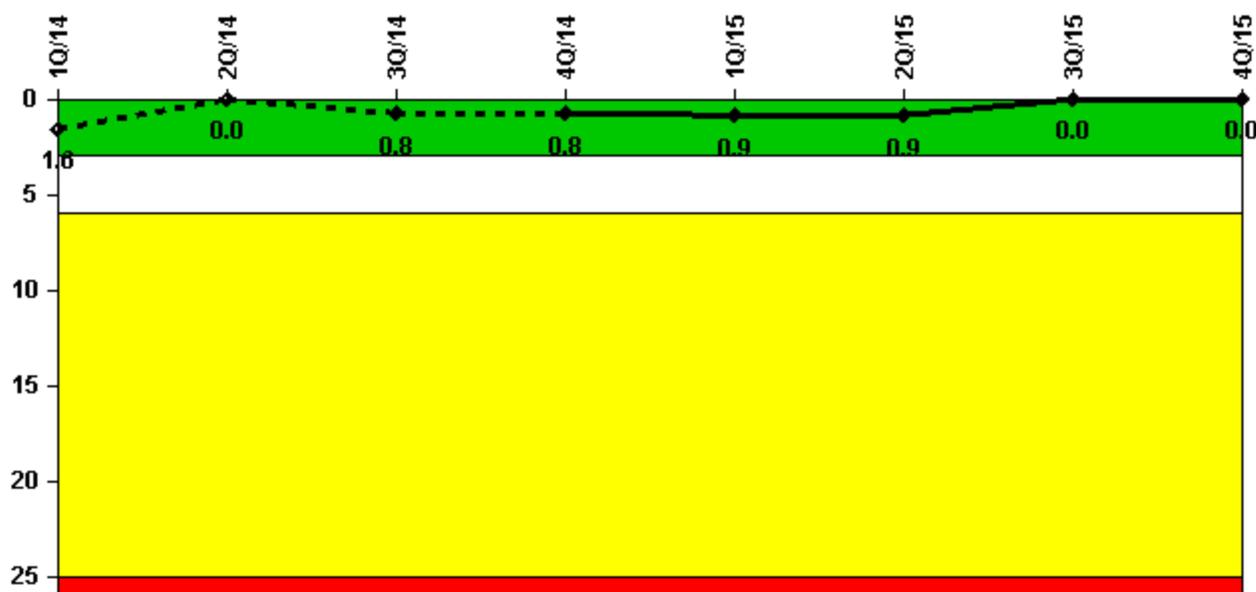
La Salle 2

4Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

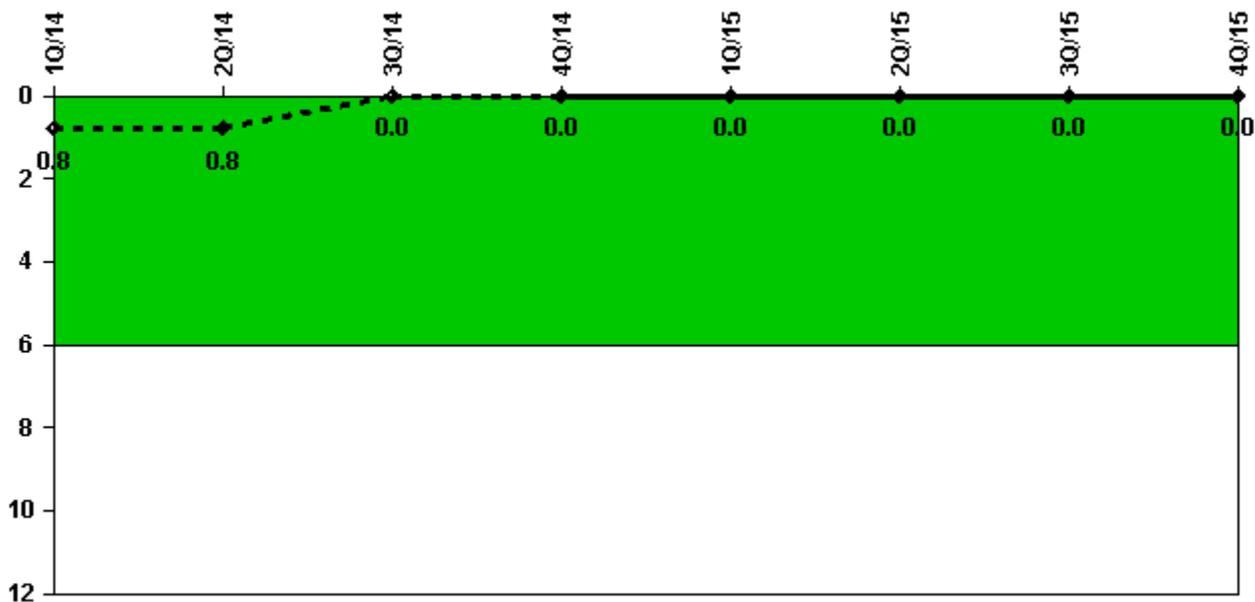
Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Unplanned scrams	0	0	1.0	0	0	0	0	0
Critical hours	2159.0	1970.8	1933.8	2209.0	1575.3	2184.0	2045.8	2209.0
Indicator value	1.6	0	0.8	0.8	0.9	0.9	0	0

Licensee Comments:

1Q/14: An internal review identified a data entry error in 2nd Qtr 2013 critical hours for both Units. On Unit 2, the critical hours for April 2013 were increased from 451.5 to 463.5 hours. This changed the critical hours input into the Unplanned Scrams and Unplanned Power Changes per 7,000 Critical Hours indicators, and the MSPI indicators, as shown in the 1st Qtr 2014 Change File. Correction of the error did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

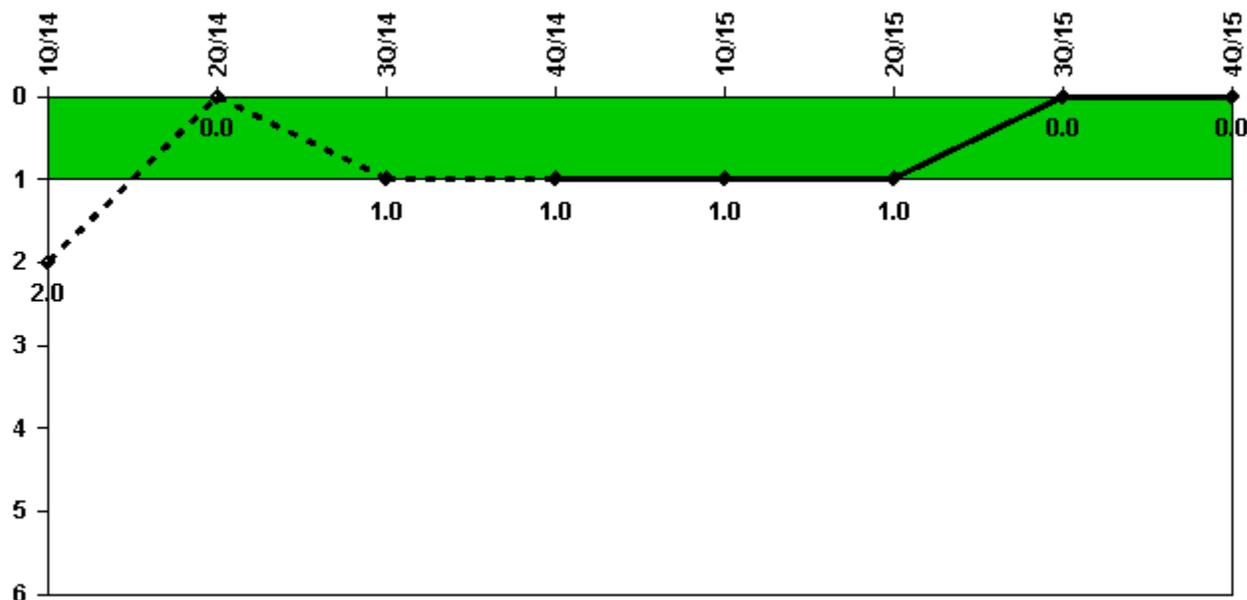
Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2159.0	1970.8	1933.8	2209.0	1575.3	2184.0	2045.8	2209.0
Indicator value	0.8	0.8	0	0	0	0	0	0

Licensee Comments:

1Q/14: An internal review identified a data entry error in 2nd Qtr 2013 critical hours for both Units. On Unit 2, the critical hours for April 2013 were increased from 451.5 to 463.5 hours. This changed the critical hours input into the Unplanned Scrams and Unplanned Power Changes per 7,000 Critical Hours indicators, and the MSPI indicators, as shown in the 1st Qtr 2014 Change File. Correction of the error did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

Unplanned Scrams with Complications



Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Scrams with complications	0	0	1.0	0	0	0	0	0
Indicator value	2.0	0.0	1.0	1.0	1.0	1.0	0.0	0.0

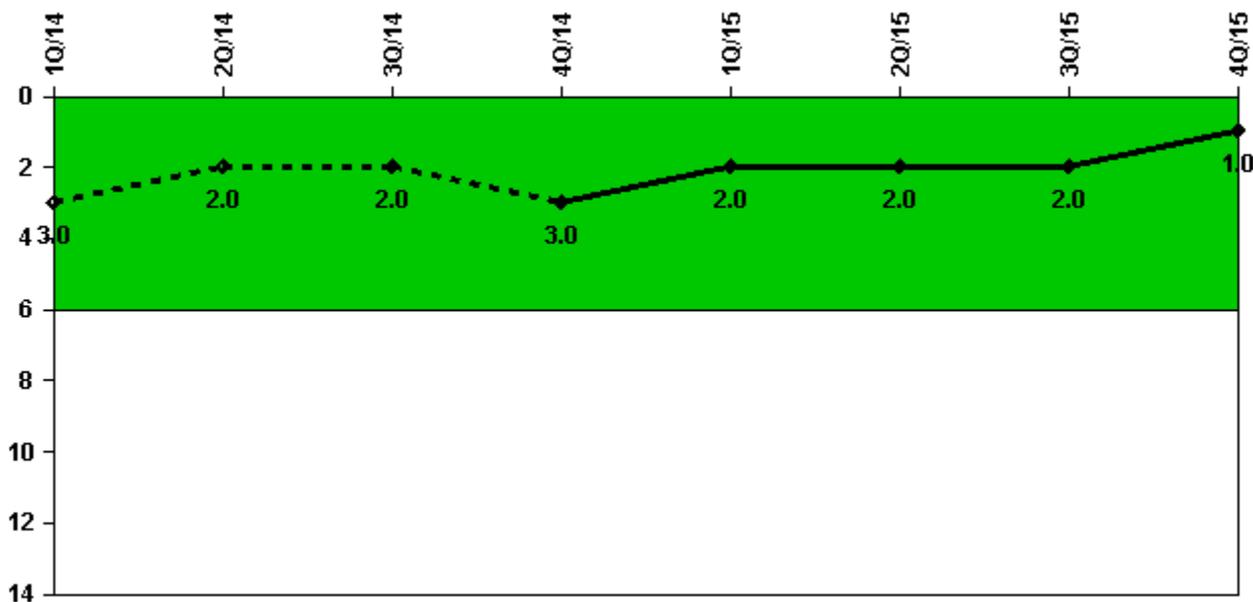
Licensee Comments:

4Q/14: The Unit 2 scram that occurred on August 5, 2014, was inadvertently not entered as an unplanned scram with complications for the 3rd quarter 2014. For August 2014 the number of unplanned scram with complications was increased from 0 to 1. This correction did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

3Q/14: LER 374-2014-001

1Q/14: 2Q/13: LaSalle Unit 2 experienced two Unplanned Scrams with Complications in April 2013. Reference LER 373-2013-002-01 and 374-2013-002-00. This resulted in the PI for Scrams with Complications (IE-04) on Unit 2 to change from Green to White.

Safety System Functional Failures (BWR)



Thresholds: White > 6.0

Notes

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

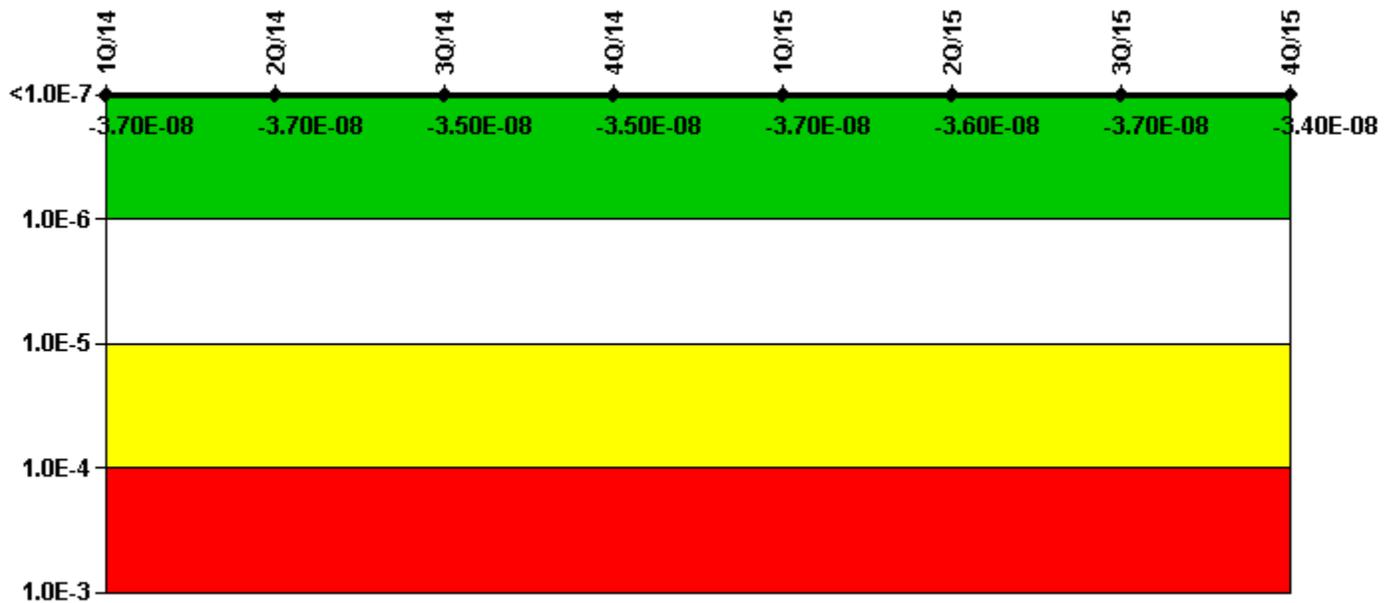
Licensee Comments:

1Q/15: LER 374-2015-001

4Q/14: LER 373-2014-004

1Q/14: LERs 373-2013-008-00 and 374-2013-003-00. Also, Unit 2 Safety System Functional Failures for June 2013 were changed from 2 to 1, as further review determined that the April LOOP event was not reportable under 10 CFR 50.73(a)(2)(v)(D). See LER 373-2013-002-02. Unit 2 Safety System Functional Failures for December 2013 were changed from 1 to 0, as an engineering evaluation determined that the secondary containment inoperability did not result in a loss of safety function as defined by NEI 99-02. See LER 373-2013-007-01.

Mitigating Systems Performance Index, Emergency AC Power System



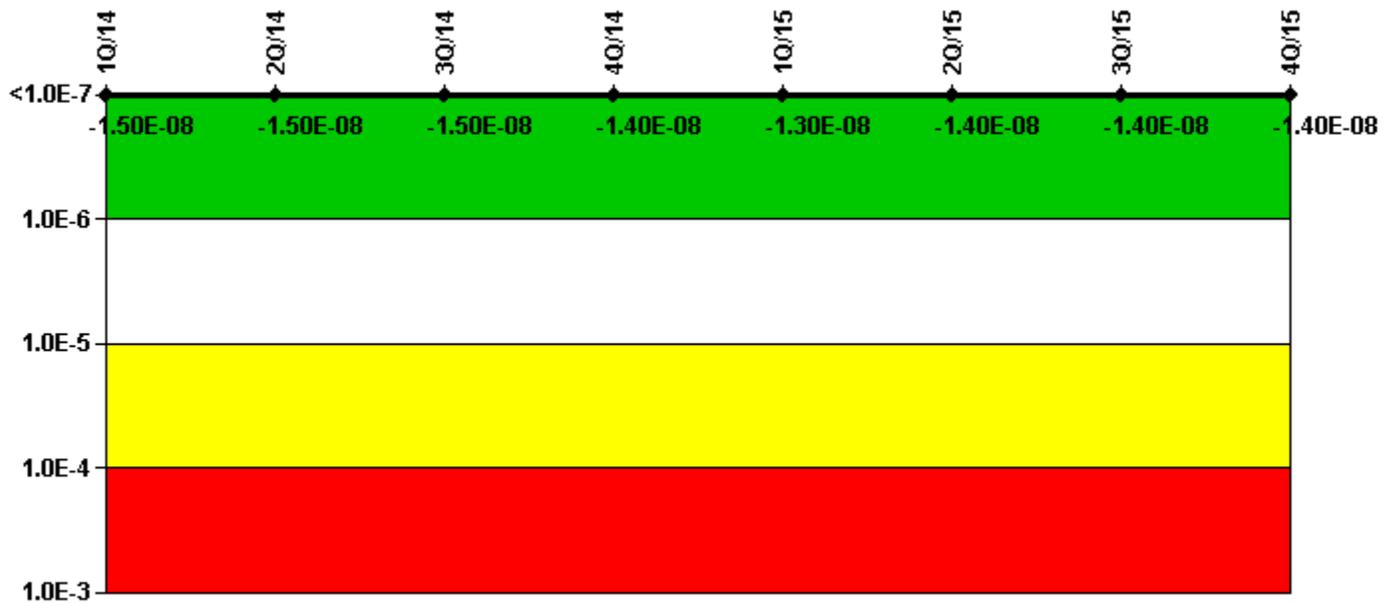
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
UAI (Δ CDF)	-6.33E-09	-6.33E-09	-4.64E-09	-4.64E-09	-6.33E-09	-5.07E-09	-6.33E-09	-3.22E-09
URI (Δ CDF)	-3.12E-08	-3.09E-08	-3.07E-08	-3.04E-08	-3.04E-08	-3.04E-08	-3.04E-08	-3.04E-08
PLE	NO							
Indicator value	-3.70E-08	-3.70E-08	-3.50E-08	-3.50E-08	-3.70E-08	-3.60E-08	-3.70E-08	-3.40E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



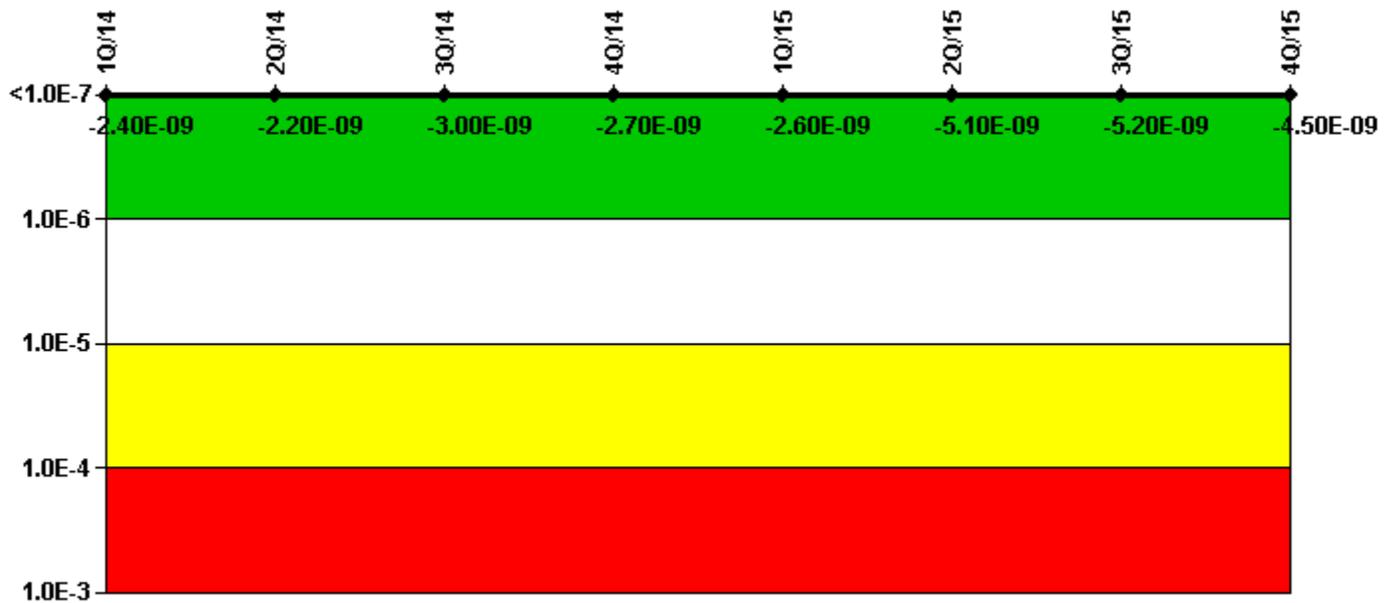
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
UAI (Δ CDF)	-1.43E-09	-1.25E-09	-1.25E-09	-1.25E-09	-3.19E-10	-1.25E-09	-1.25E-09	-1.25E-09
URI (Δ CDF)	-1.37E-08	-1.35E-08	-1.33E-08	-1.31E-08	-1.31E-08	-1.31E-08	-1.31E-08	-1.31E-08
PLE	NO							
Indicator value	-1.50E-08	-1.50E-08	-1.50E-08	-1.40E-08	-1.30E-08	-1.40E-08	-1.40E-08	-1.40E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



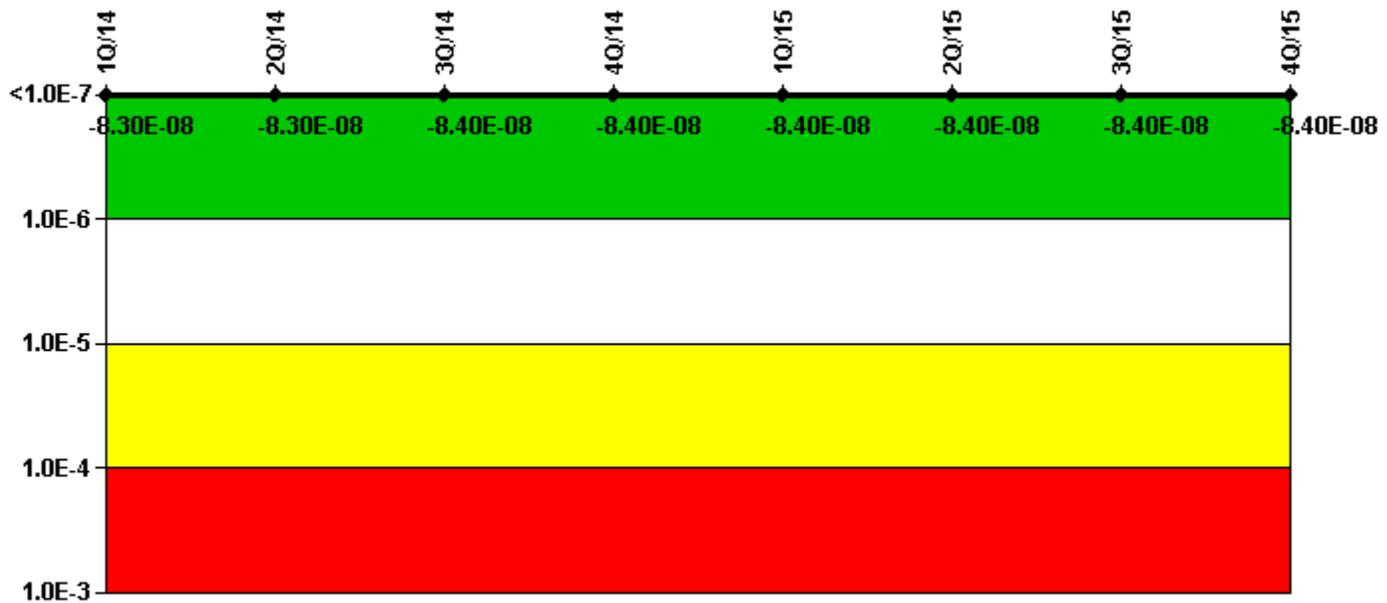
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
UAI (Δ CDF)	-1.05E-09	-8.46E-10	-8.37E-10	-5.68E-10	-3.99E-10	-1.22E-09	-1.26E-09	-5.84E-10
URI (Δ CDF)	-1.36E-09	-1.36E-09	-2.17E-09	-2.17E-09	-2.17E-09	-3.89E-09	-3.89E-09	-3.89E-09
PLE	NO							
Indicator value	-2.40E-09	-2.20E-09	-3.00E-09	-2.70E-09	-2.60E-09	-5.10E-09	-5.20E-09	-4.50E-09

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



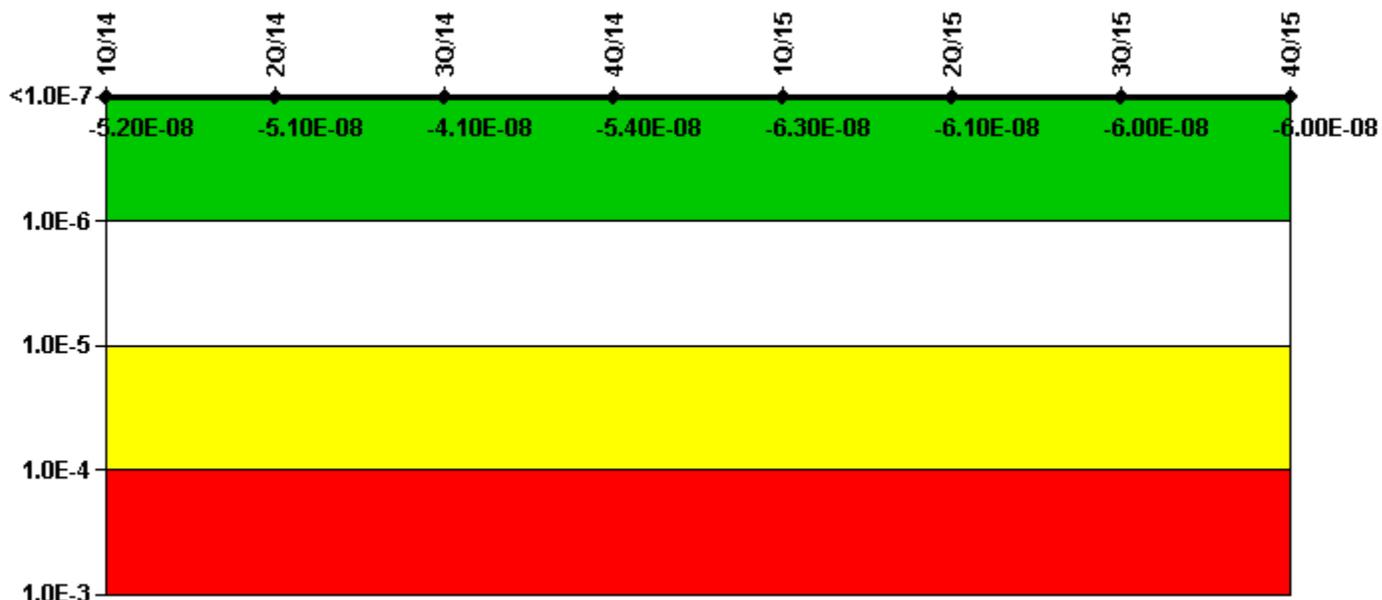
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
UAI (Δ CDF)	-3.55E-08							
URI (Δ CDF)	-4.75E-08	-4.75E-08	-4.84E-08	-4.84E-08	-4.84E-08	-4.84E-08	-4.84E-08	-4.84E-08
PLE	NO							
Indicator value	-8.30E-08	-8.30E-08	-8.40E-08	-8.40E-08	-8.40E-08	-8.40E-08	-8.40E-08	-8.40E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



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

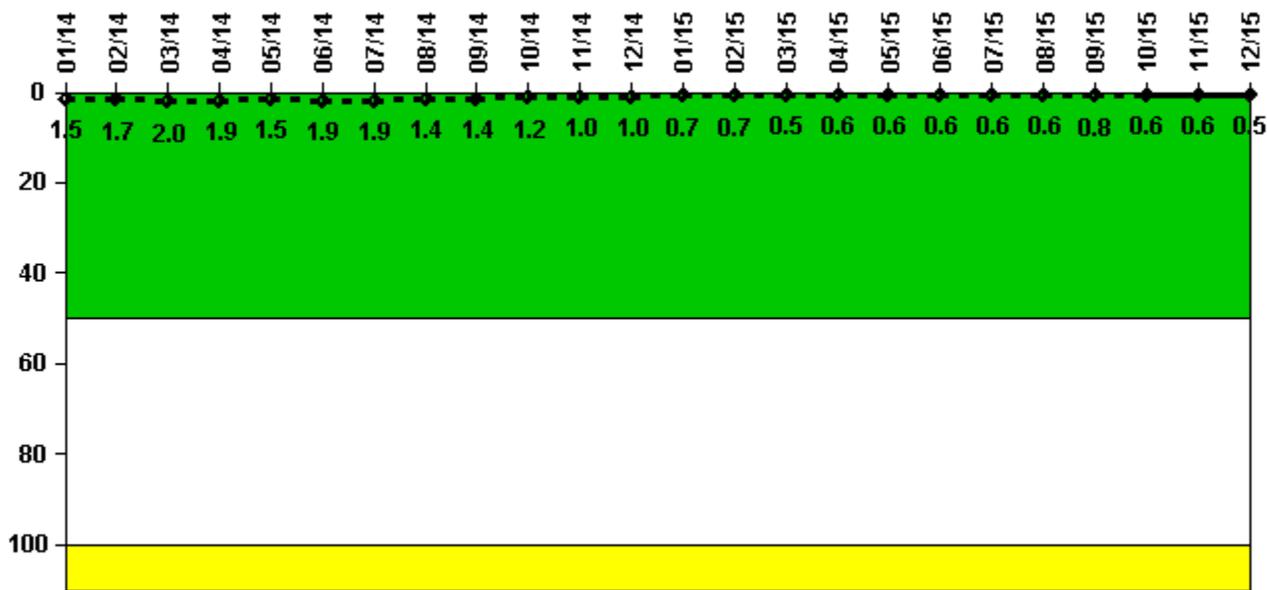
Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
UAI (Δ CDF)	1.16E-08	1.20E-08	2.18E-08	9.23E-09	0.00E+00	2.30E-09	2.71E-09	2.71E-09
URI (Δ CDF)	-6.32E-08							
PLE	NO							
Indicator value	-5.20E-08	-5.10E-08	-4.10E-08	-5.40E-08	-6.30E-08	-6.10E-08	-6.00E-08	-6.00E-08

Licensee Comments:

1Q/14: An internal review identified a data entry error in 2nd Qtr 2013 critical hours for both Units. On Unit 2, the critical hours for April 2013 were increased from 451.5 to 463.5 hours. This changed the critical hours input into the Unplanned Scrams and Unplanned Power Changes per 7,000 Critical Hours indicators, and the MSPI indicators, as shown in the 1st Qtr 2014 Change File. Correction of the error did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

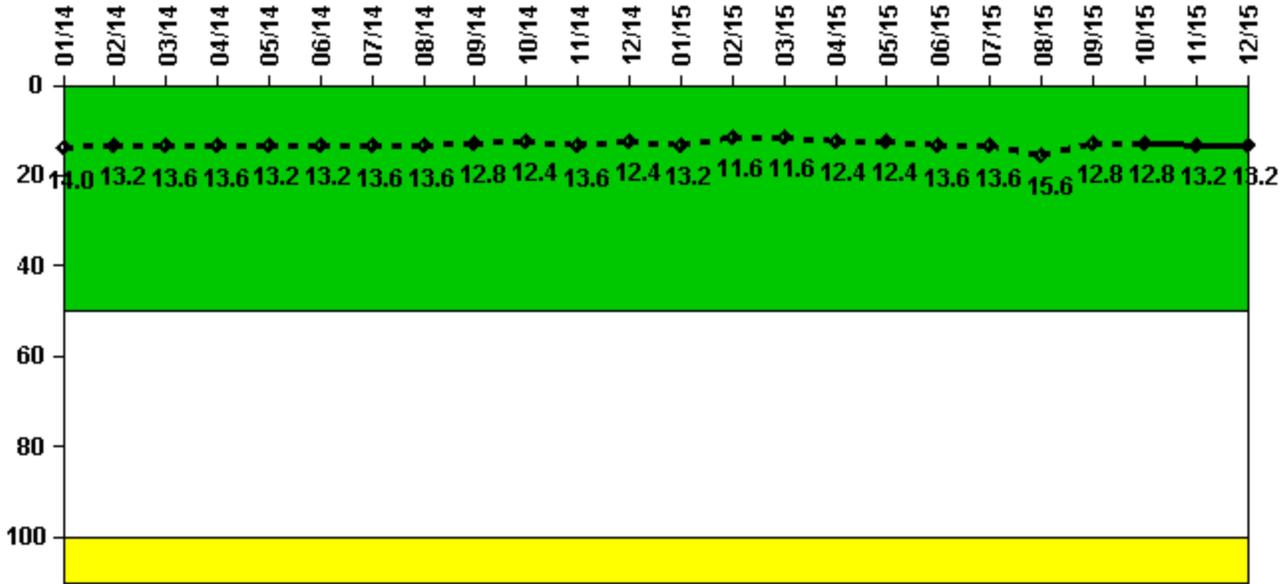
Notes

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	0.002976	0.003489	0.003996	0.003712	0.002903	0.003775	0.003884	0.002737	0.002789	0.002465	0.001996	0.002074
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	1.5	1.7	2.0	1.9	1.5	1.9	1.9	1.4	1.4	1.2	1.0	1.0

Reactor Coolant System Activity	1/15	2/15	3/15	4/15	5/15	6/15	7/15	8/15	9/15	10/15	11/15	12/15
Maximum activity	0.001421	0.001458	0.000930	0.001230	0.001190	0.001107	0.001145	0.001214	0.001503	0.001135	0.001259	0.001089
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0.7	0.7	0.5	0.6	0.6	0.6	0.6	0.6	0.8	0.6	0.6	0.5

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

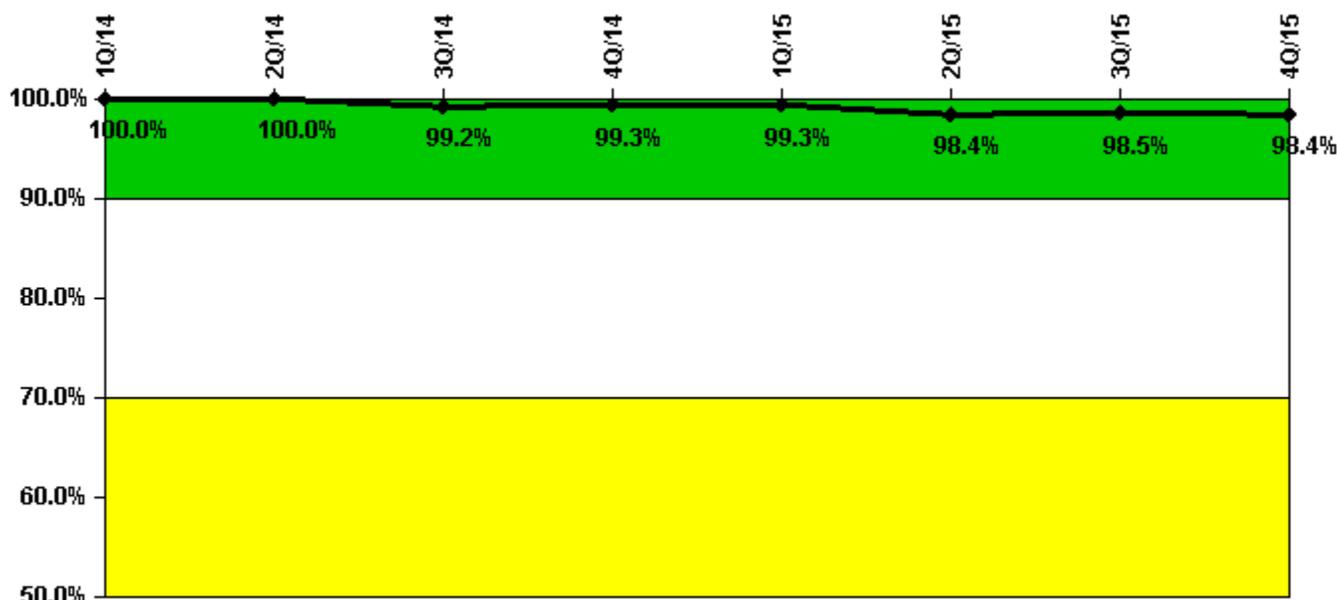
Notes

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	3.500	3.300	3.400	3.400	3.300	3.300	3.400	3.400	3.200	3.100	3.400	3.100
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	14.0	13.2	13.6	13.6	13.2	13.2	13.6	13.6	12.8	12.4	13.6	12.4

Reactor Coolant System Leakage	1/15	2/15	3/15	4/15	5/15	6/15	7/15	8/15	9/15	10/15	11/15	12/15
Maximum leakage	3.300	2.900	2.900	3.100	3.100	3.400	3.400	3.900	3.200	3.200	3.300	3.300
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	13.2	11.6	11.6	12.4	12.4	13.6	13.6	15.6	12.8	12.8	13.2	13.2

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

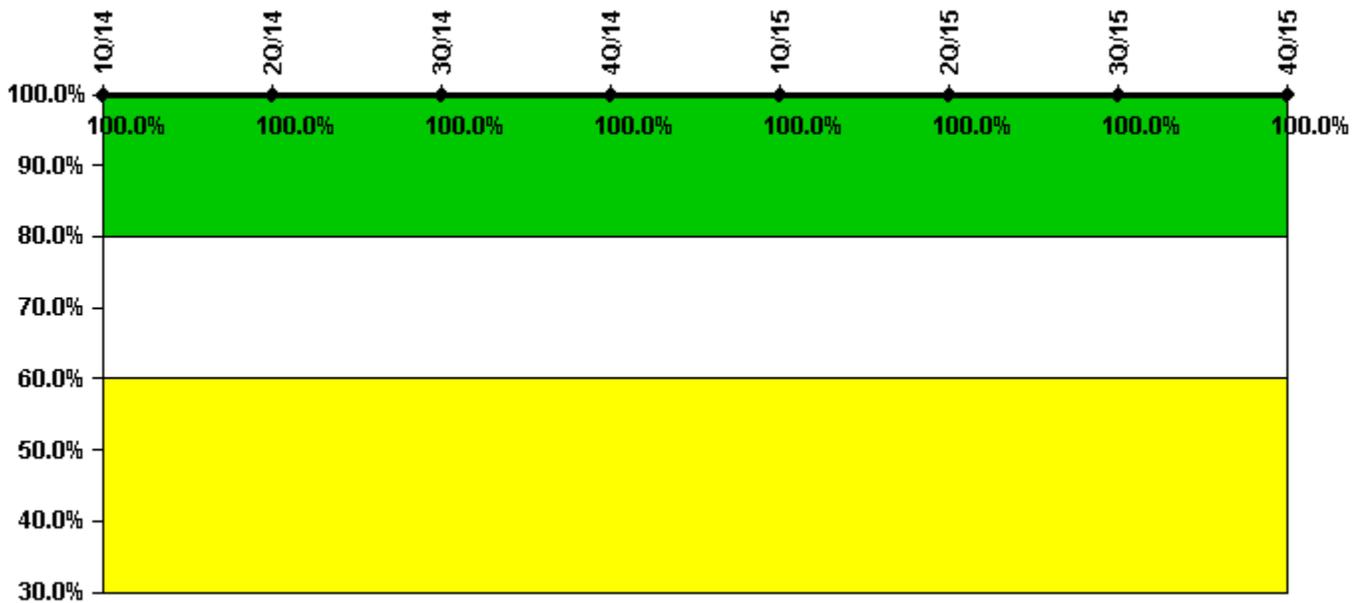
Drill/Exercise Performance	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Successful opportunities	17.0	36.0	48.0	42.0	46.0	105.0	62.0	63.0
Total opportunities	17.0	36.0	50.0	42.0	46.0	109.0	62.0	64.0
Indicator value	100.0%	100.0%	99.2%	99.3%	99.3%	98.4%	98.5%	98.4%

Licensee Comments:

4Q/15: During an internal assessment, it was discovered that credit was taken in April 2015 for an opportunity that should not have been counted. This was corrected by decreasing the number of total drill, exercise and event opportunities from 51 to 50 for April 2015. This issue, which did not result in a change to performance indicator color, has been entered into the corrective action program.

2Q/14: An internal review identified additional drill/exercise performance opportunities that should have been counted in the 4th quarter 2013. For October 2013 the number of both the total and successful opportunities was increased from 12 to 16. This correction did not result in a color change for any indicator. The occurrence has been entered into the corrective action program.

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

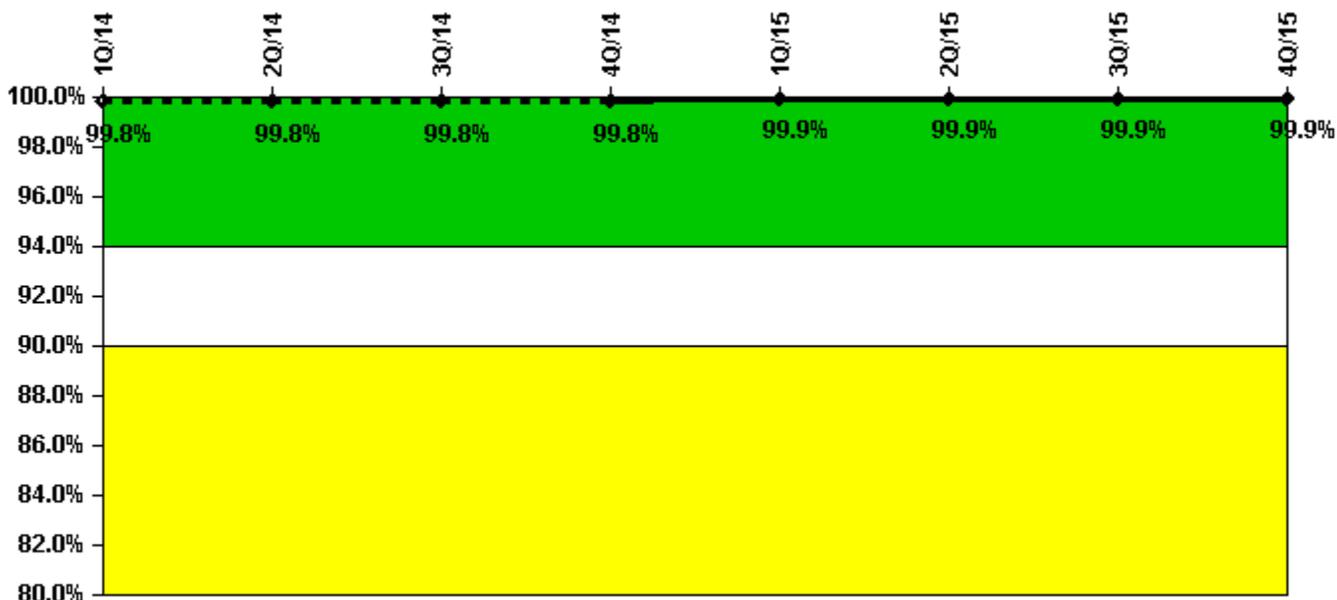
Notes

ERO Drill Participation	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Participating Key personnel	65.0	62.0	65.0	69.0	69.0	68.0	68.0	67.0
Total Key personnel	65.0	62.0	65.0	69.0	69.0	68.0	68.0	67.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments:

1Q/15: During an internal assessment, it was discovered that one individual was inadvertently counted as a participating ERO member from May to December 2014. This was corrected by decreasing the number of total and participating key personnel by one for the months in question. This issue, which did not result in a change to performance indicator color, has been entered into the corrective action program.

Alert & Notification System



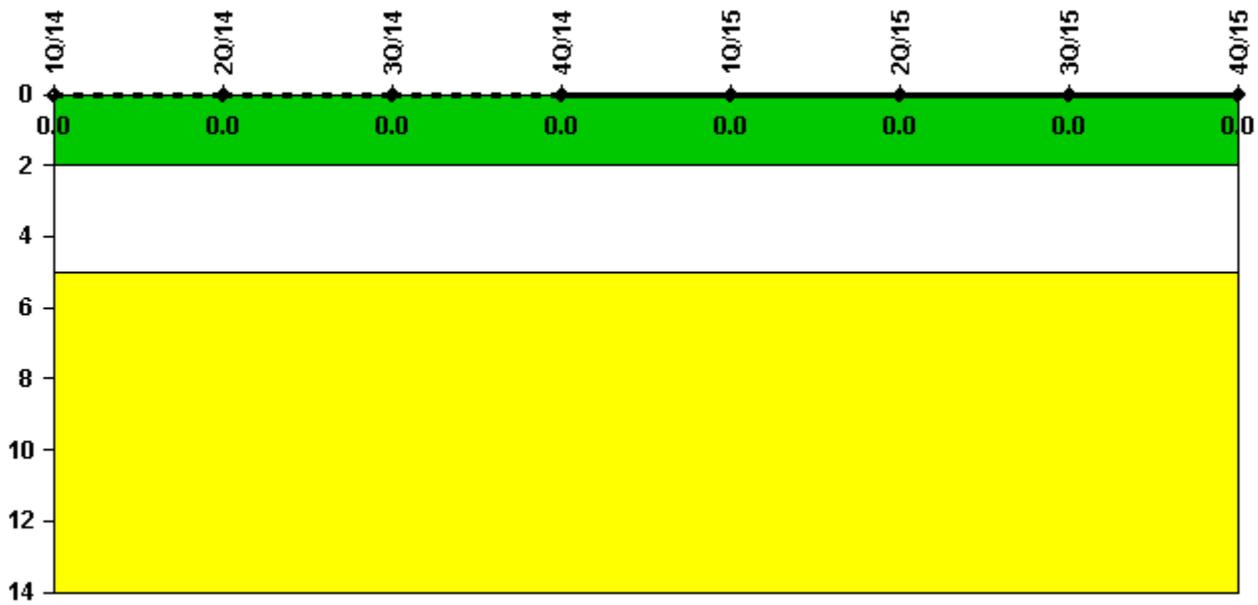
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Successful siren-tests	2131	2171	2174	2175	2138	2173	2208	2175
Total sirens-tests	2142	2176	2176	2176	2142	2176	2210	2176
Indicator value	99.8%	99.8%	99.8%	99.8%	99.9%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



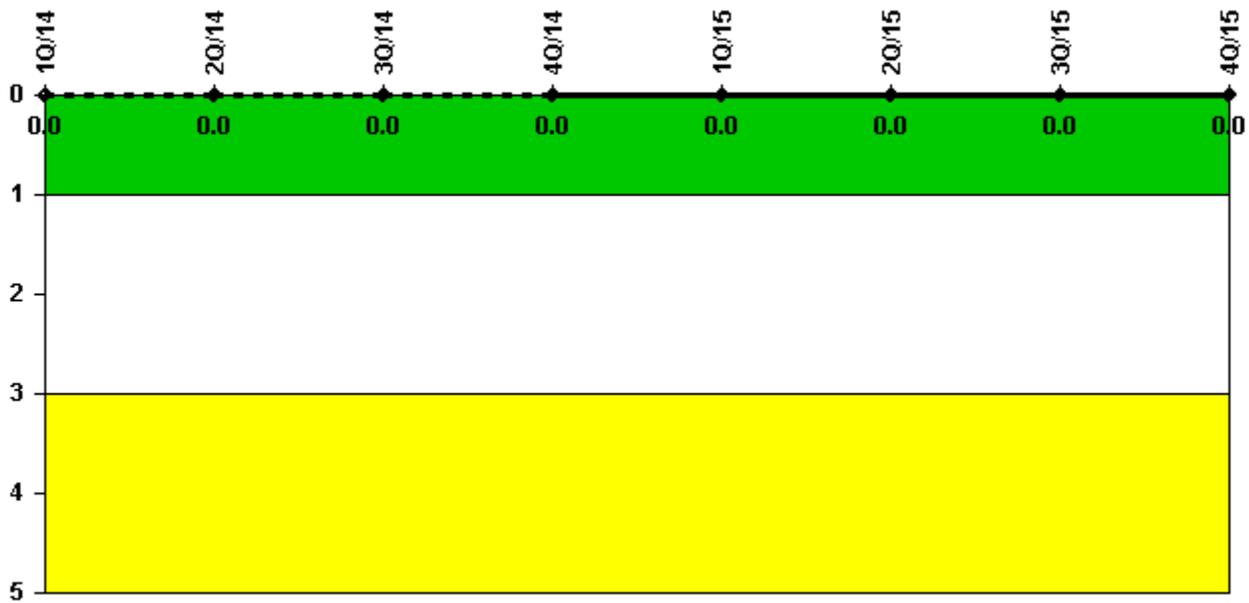
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/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	0							

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
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: March 1, 2016