

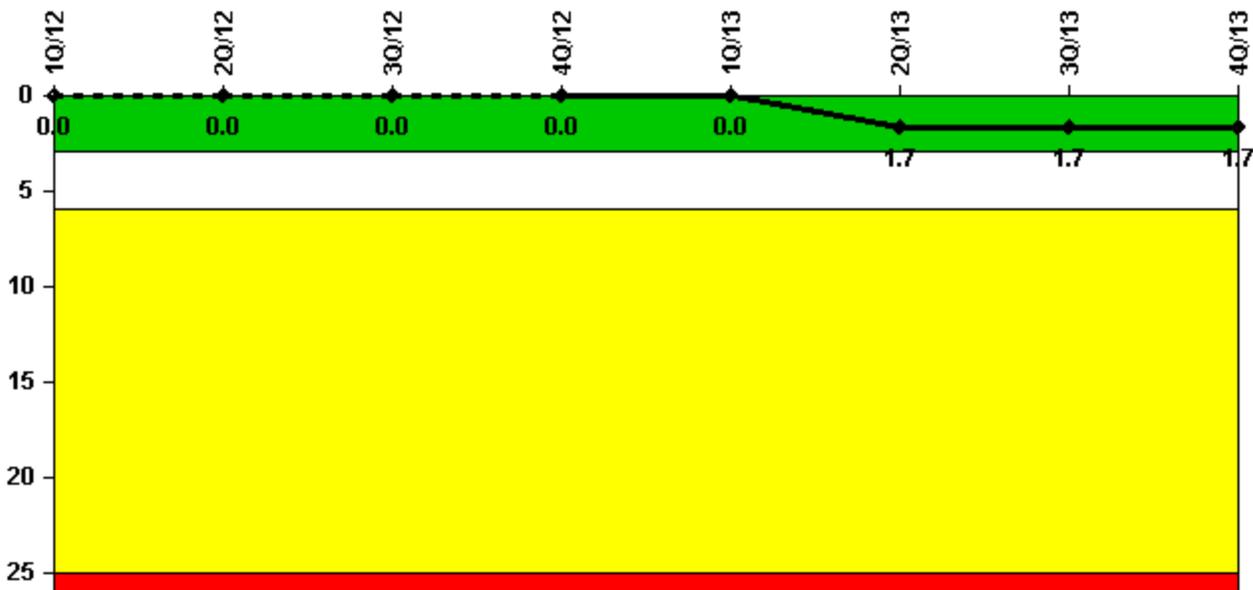
La Salle 2

4Q/2013 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



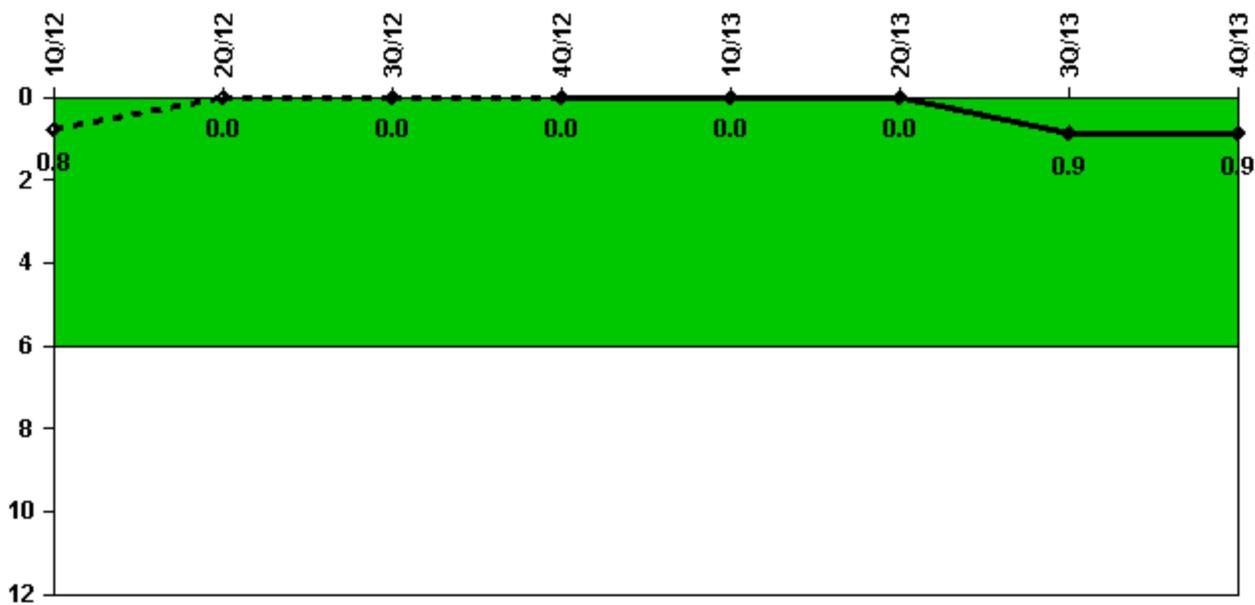
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Unplanned scrams	0	0	0	0	0	2.0	0	0
Critical hours	2183.0	2184.0	2208.0	2209.0	1678.4	1915.5	2208.0	2209.0
Indicator value	0	0	0	0	0	1.7	1.7	1.7

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



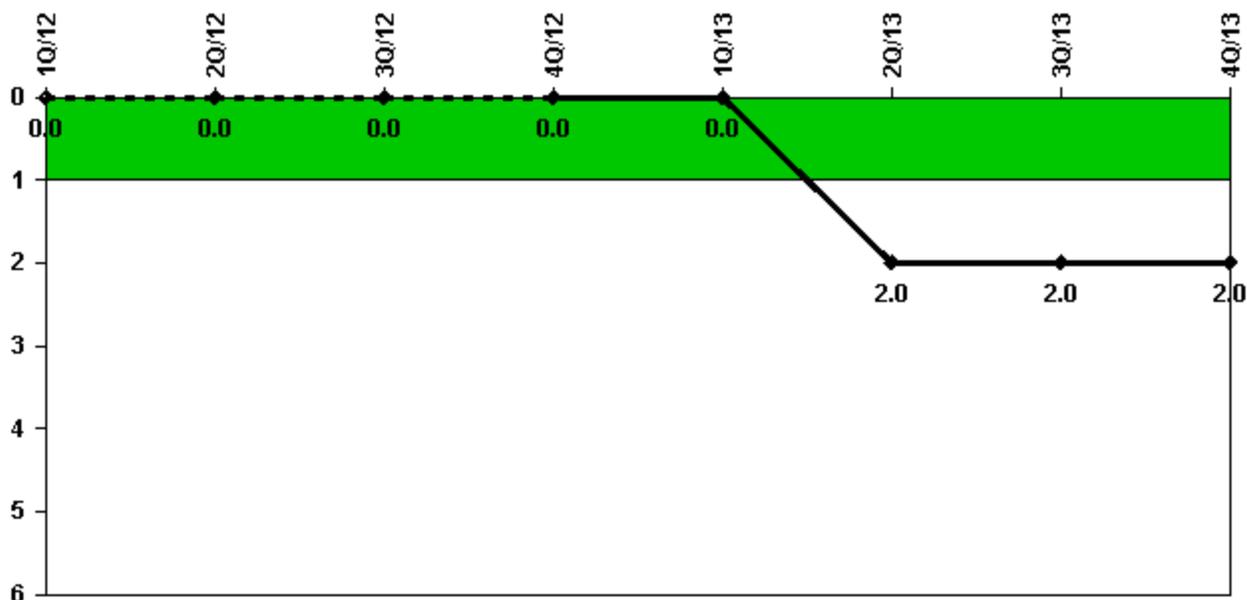
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Unplanned power changes	0	0	0	0	0	0	1.0	0
Critical hours	2183.0	2184.0	2208.0	2209.0	1678.4	1915.5	2208.0	2209.0
Indicator value	0.8	0	0	0	0	0	0.9	0.9

Licensee Comments: none

Unplanned Scrams with Complications



Thresholds: White > 1.0

Notes

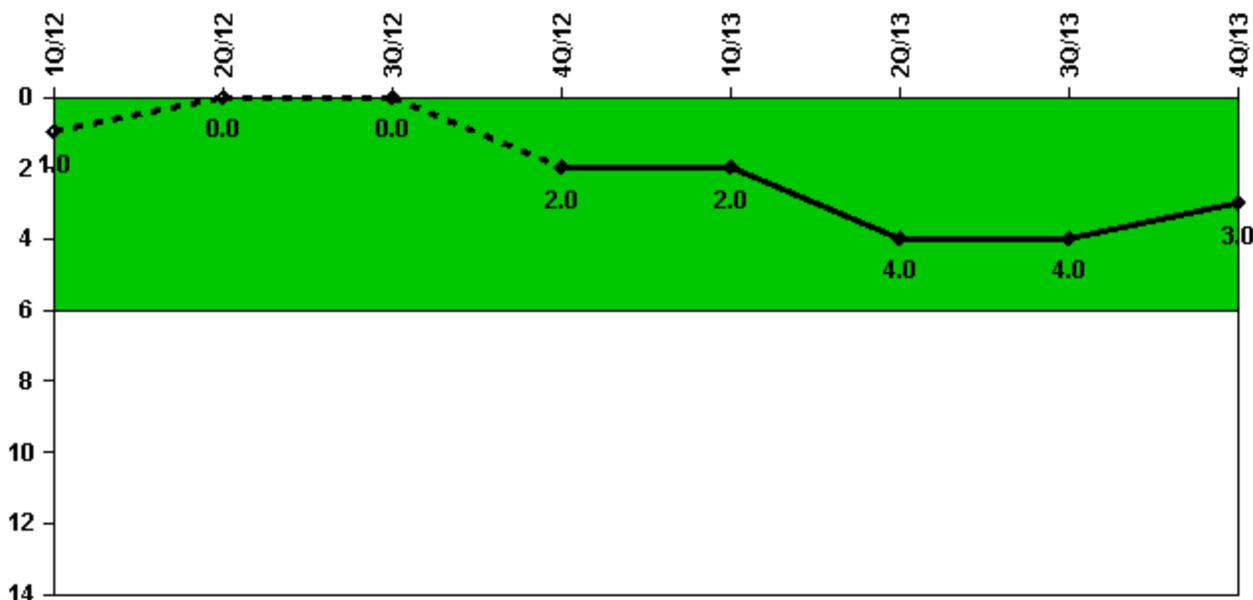
Unplanned Scrams with Complications	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Scrams with complications	0	0	0	0	0	2.0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	2.0	2.0	2.0

Licensee Comments:

3Q/13: 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.

2Q/13: 2Q/13: LaSalle Unit 2 experienced two Unplanned Scrams with Complications in April 2013. Reference LER 373-2013-002-00 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/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Safety System Functional Failures	0	0	0	2	0	2	0	1
Indicator value	1	0	0	2	2	4	4	3

Licensee Comments:

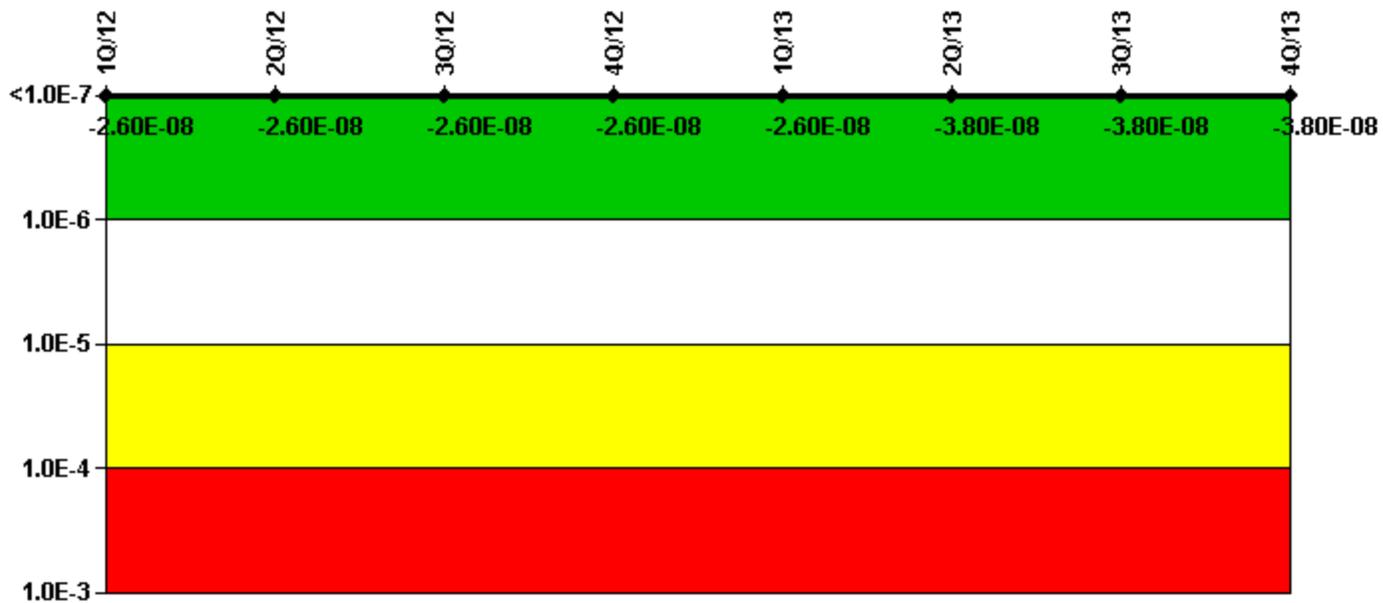
4Q/13: LER 373-2013-007. Additionally, Unit 2 Safety System Functional Failures for April 2013 were changed from 1 to 0, as Unit 2 was not in a Mode of Applicability at the time of the event in question. See LER 373-2013-001-01. This occurrence has been entered into the corrective action program.

2Q/13: LERs 373-2013-002 and 374-2013-001.

2Q/13: LERs 373-2013-001, 373-2013-002, and 374-2013-001

4Q/12: LER 374-2012-001-00; LER 373-2012-001-00

Mitigating Systems Performance Index, Emergency AC Power System



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

Notes

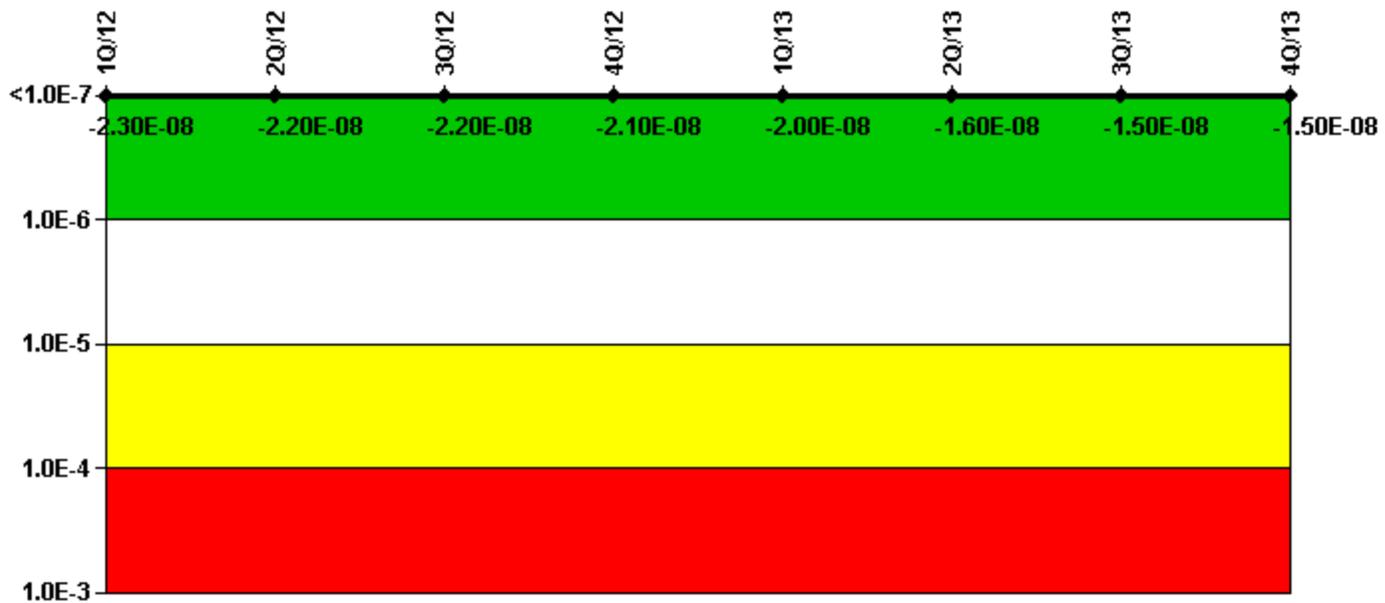
Mitigating Systems Performance Index, Emergency AC Power System	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
UAI (Δ CDF)	-4.07E-09	-4.07E-09	-4.09E-09	-4.09E-09	-4.09E-09	-6.33E-09	-6.33E-09	-6.33E-09
URI (Δ CDF)	-2.24E-08	-2.22E-08	-2.20E-08	-2.19E-08	-2.17E-08	-3.19E-08	-3.16E-08	-3.14E-08
PLE	NO							
Indicator value	-2.60E-08	-2.60E-08	-2.60E-08	-2.60E-08	-2.60E-08	-3.80E-08	-3.80E-08	-3.80E-08

Licensee Comments:

3Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

2Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

Mitigating Systems Performance Index, High Pressure Injection System



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

Notes

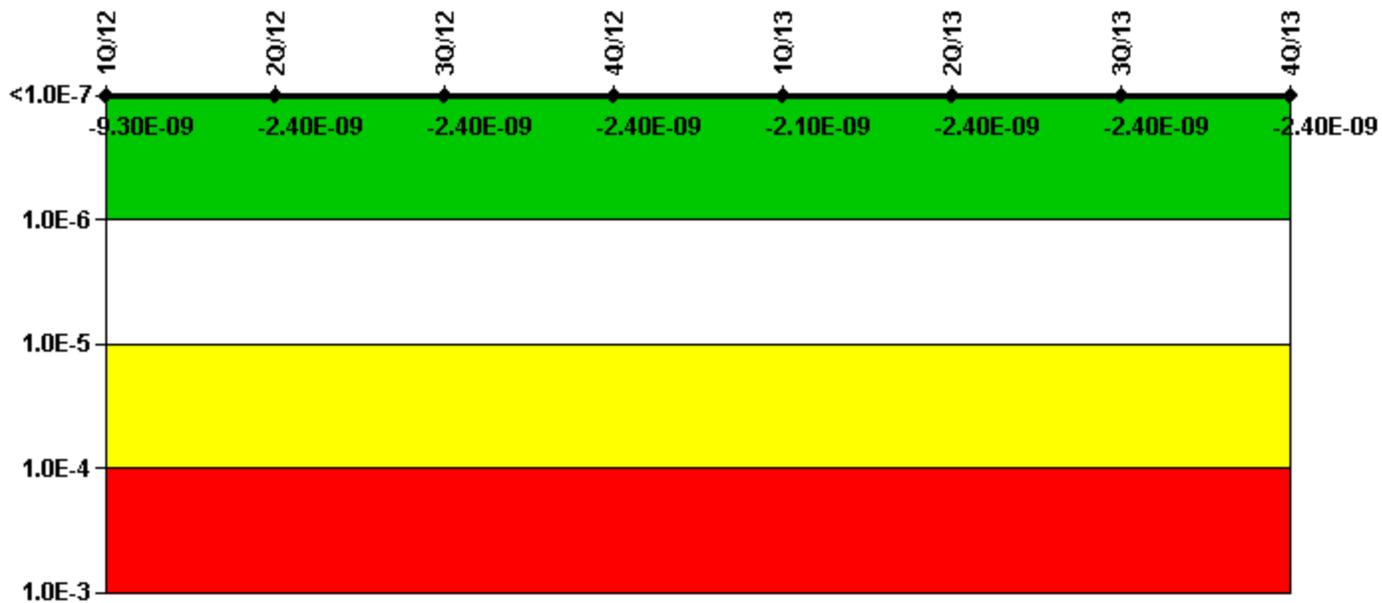
Mitigating Systems Performance Index, High Pressure Injection System	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
UAI (Δ CDF)	-2.20E-09	-2.20E-09	-2.20E-09	-1.49E-09	-6.95E-10	-1.43E-09	-1.43E-09	-1.43E-09
URI (Δ CDF)	-2.05E-08	-2.03E-08	-2.00E-08	-1.98E-08	-1.95E-08	-1.42E-08	-1.40E-08	-1.39E-08
PLE	NO							
Indicator value	-2.30E-08	-2.20E-08	-2.20E-08	-2.10E-08	-2.00E-08	-1.60E-08	-1.50E-08	-1.50E-08

Licensee Comments:

3Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

2Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

Mitigating Systems Performance Index, Heat Removal System



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

Notes

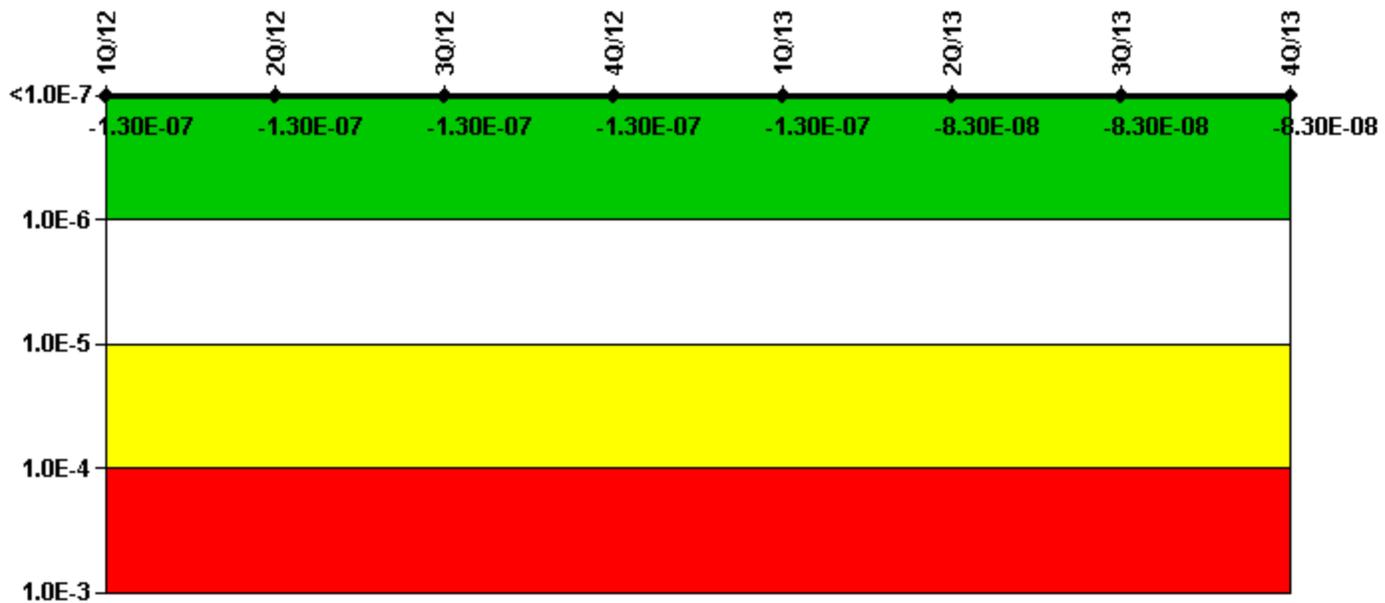
Mitigating Systems Performance Index, Heat Removal System	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
UAI (Δ CDF)	-2.54E-09	-2.19E-09	-2.19E-09	-2.19E-09	-1.94E-09	-1.04E-09	-1.04E-09	-1.04E-09
URI (Δ CDF)	-6.78E-09	-1.92E-10	-1.92E-10	-1.92E-10	-1.92E-10	-1.36E-09	-1.36E-09	-1.36E-09
PLE	NO							
Indicator value	-9.30E-09	-2.40E-09	-2.40E-09	-2.40E-09	-2.10E-09	-2.40E-09	-2.40E-09	-2.40E-09

Licensee Comments:

3Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

2Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

Mitigating Systems Performance Index, Residual Heat Removal System



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

Notes

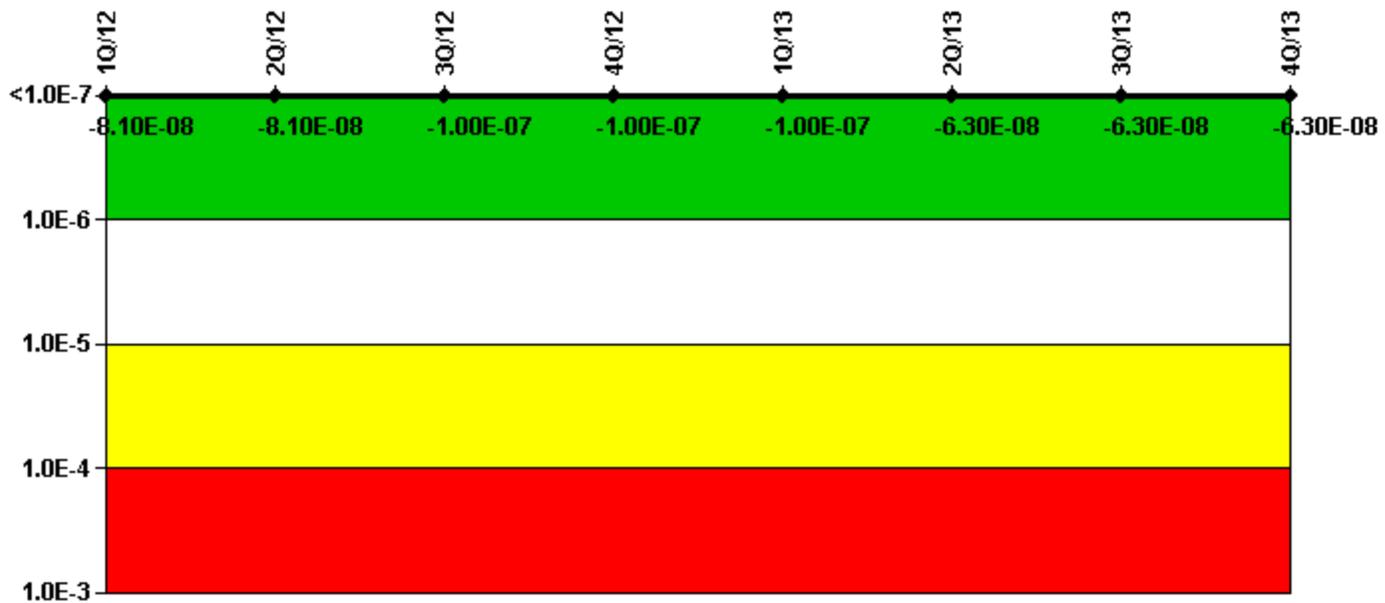
Mitigating Systems Performance Index, Residual Heat Removal System	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
UAI (Δ CDF)	-4.99E-08	-4.99E-08	-4.99E-08	-4.99E-08	-4.99E-08	-3.55E-08	-3.55E-08	-3.55E-08
URI (Δ CDF)	-8.15E-08	-8.15E-08	-8.15E-08	-8.15E-08	-8.15E-08	-4.75E-08	-4.75E-08	-4.75E-08
PLE	NO							
Indicator value	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-8.30E-08	-8.30E-08	-8.30E-08

Licensee Comments:

3Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

2Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

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/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
UAI (ΔCDF)	2.35E-08	2.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-10	0.00E+00
URI (ΔCDF)	-1.05E-07	-1.05E-07	-1.05E-07	-1.05E-07	-1.05E-07	-6.32E-08	-6.32E-08	-6.32E-08
PLE	NO							
Indicator value	-8.10E-08	-8.10E-08	-1.00E-07	-1.00E-07	-1.00E-07	-6.30E-08	-6.30E-08	-6.30E-08

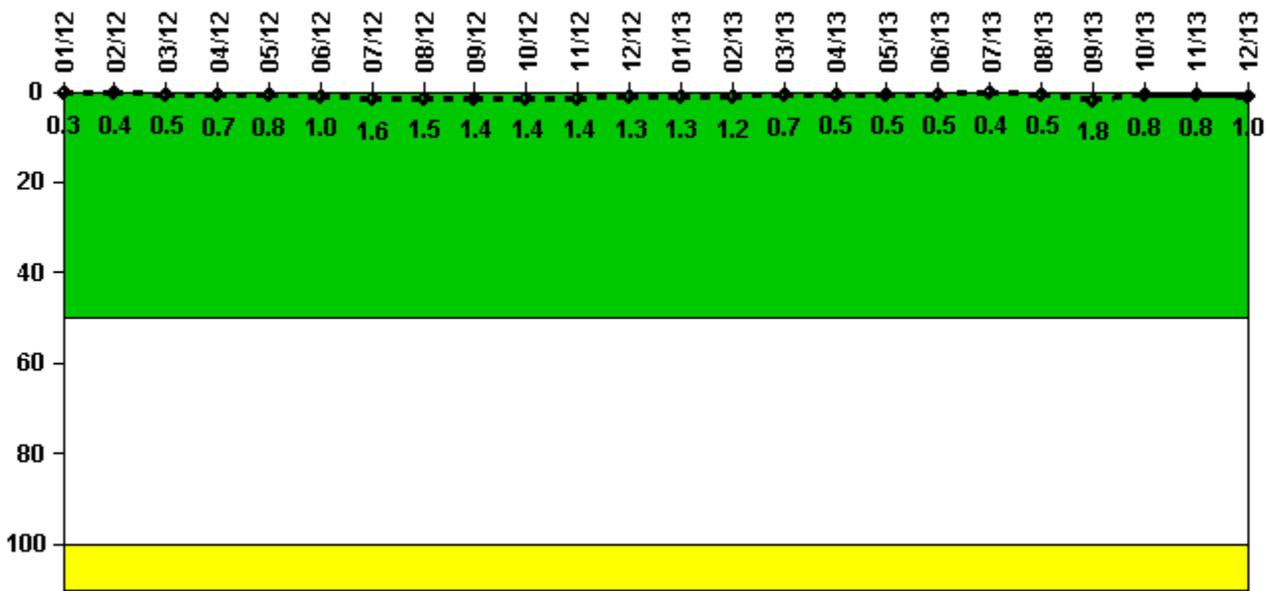
Licensee Comments:

3Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

2Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

4Q/12: During a routine review, it was identified that 10.6 hours of planned unavailability incurred in September 2012 for the Common Diesel Generator Cooling Water Pump (0DG01P) was inadvertently only counted for Unit 1. To correct this error, 10.6 hours of planned unavailability has been added to the Unit 2 September 2012 data. This change did not result in a change in performance indicator color, which is Green. This occurrence has been entered into the Station's corrective action program.

Reactor Coolant System Activity



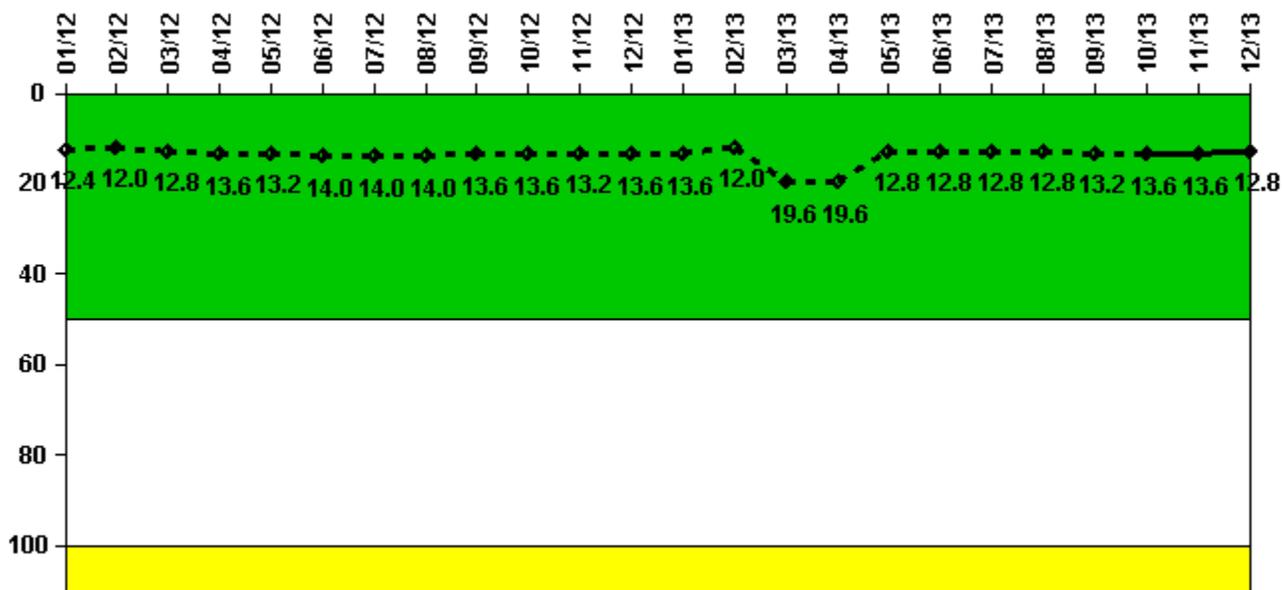
Thresholds: White > 50.0 Yellow > 100.0

Notes

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	0.000635	0.000788	0.000994	0.001488	0.001653	0.001954	0.003267	0.003087	0.002840	0.002792	0.002709	0.002664
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	0.3	0.4	0.5	0.7	0.8	1.0	1.6	1.5	1.4	1.4	1.4	1.3
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	0.002671	0.002332	0.001348	0.001044	0.000980	0.000972	0.000841	0.000952	0.003636	0.001547	0.001669	0.001917
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	1.3	1.2	0.7	0.5	0.5	0.5	0.4	0.5	1.8	0.8	0.8	1.0

Licensee Comments: none

Reactor Coolant System Leakage



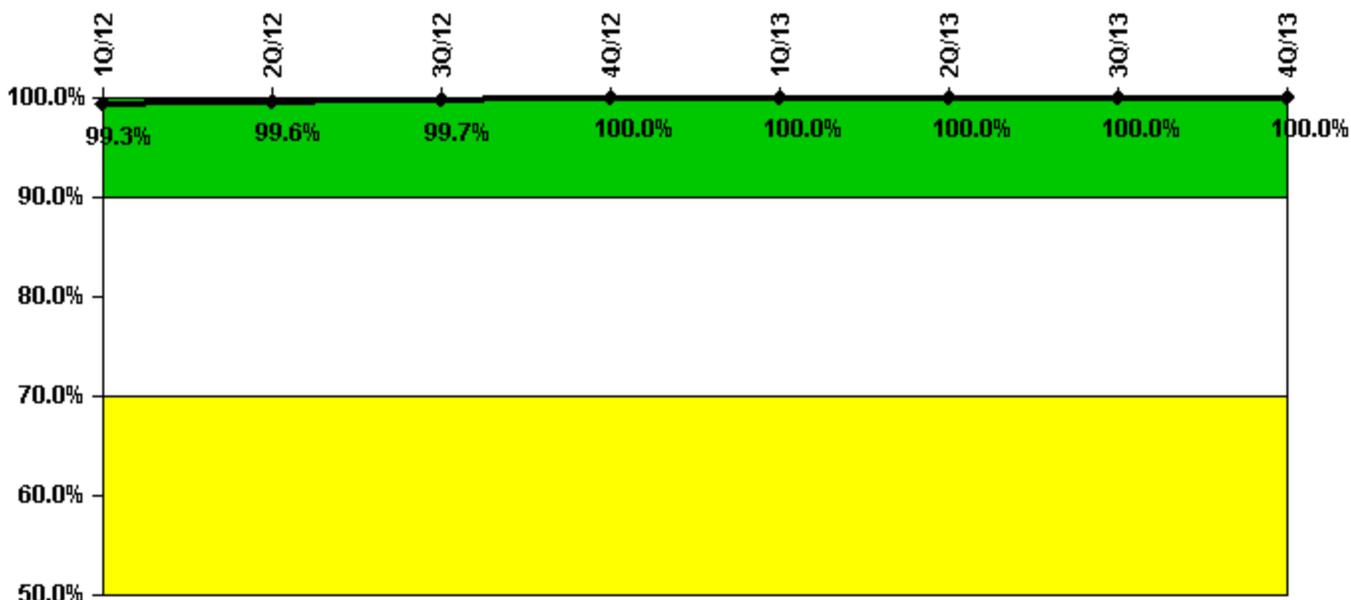
Thresholds: White > 50.0 Yellow > 100.0

Notes

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	3.100	3.000	3.200	3.400	3.300	3.500	3.500	3.500	3.400	3.400	3.300	3.400
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	12.4	12.0	12.8	13.6	13.2	14.0	14.0	14.0	13.6	13.6	13.2	13.6
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	3.400	3.000	4.900	4.900	3.200	3.200	3.200	3.200	3.300	3.400	3.400	3.200
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	13.6	12.0	19.6	19.6	12.8	12.8	12.8	12.8	13.2	13.6	13.6	12.8

Licensee Comments: none

Drill/Exercise Performance



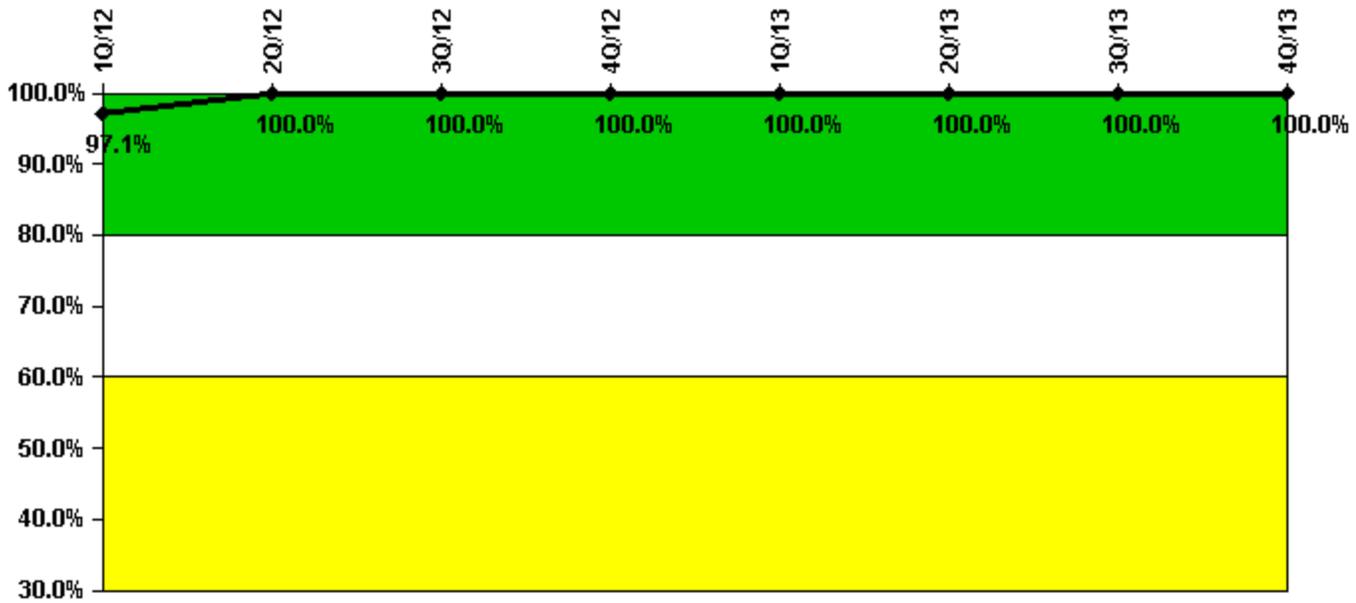
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Successful opportunities	24.0	64.0	23.0	33.0	10.0	49.0	30.0	30.0
Total opportunities	24.0	64.0	23.0	33.0	10.0	49.0	30.0	30.0
Indicator value	99.3%	99.6%	99.7%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

ERO Drill Participation



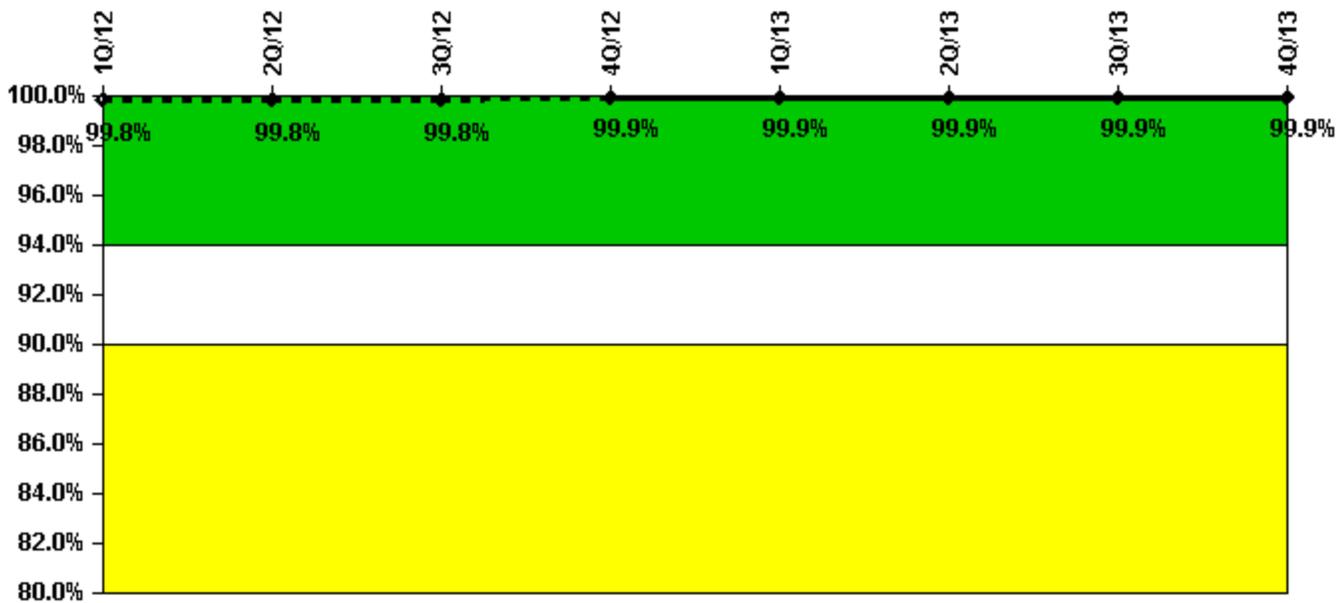
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Participating Key personnel	68.0	68.0	69.0	71.0	70.0	68.0	68.0	67.0
Total Key personnel	70.0	68.0	69.0	71.0	70.0	68.0	68.0	67.0
Indicator value	97.1%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



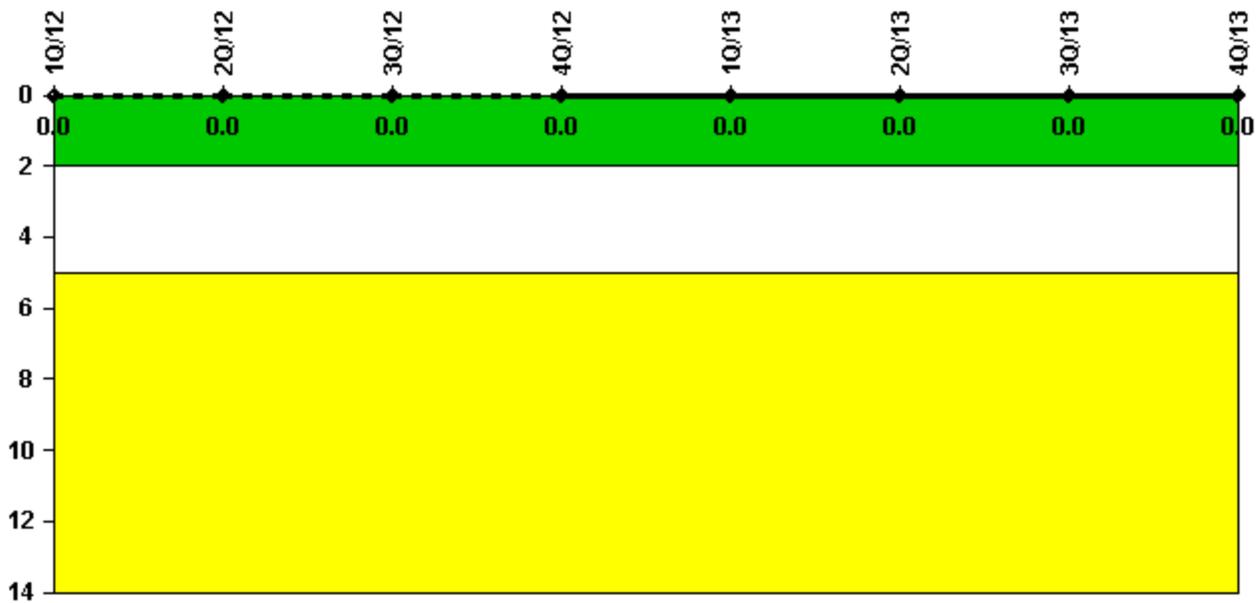
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Successful siren-tests	2207	2172	2137	2175	2175	2170	2176	2175
Total sirens-tests	2210	2176	2142	2176	2176	2176	2176	2176
Indicator value	99.8%	99.8%	99.8%	99.9%	99.9%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



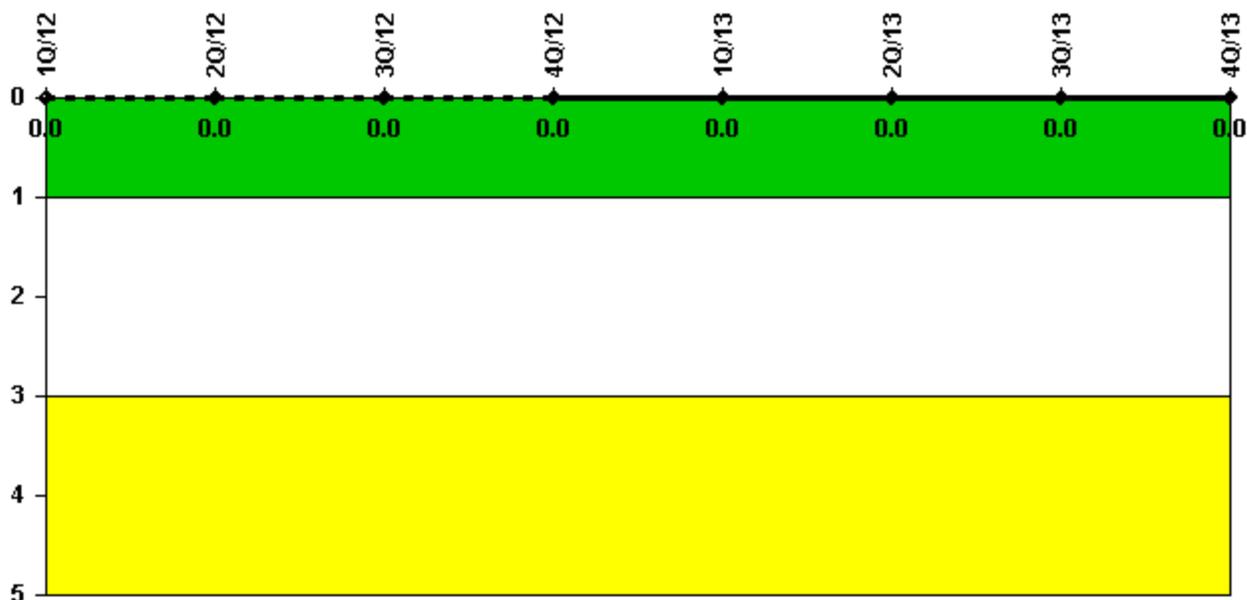
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
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: January 22, 2014