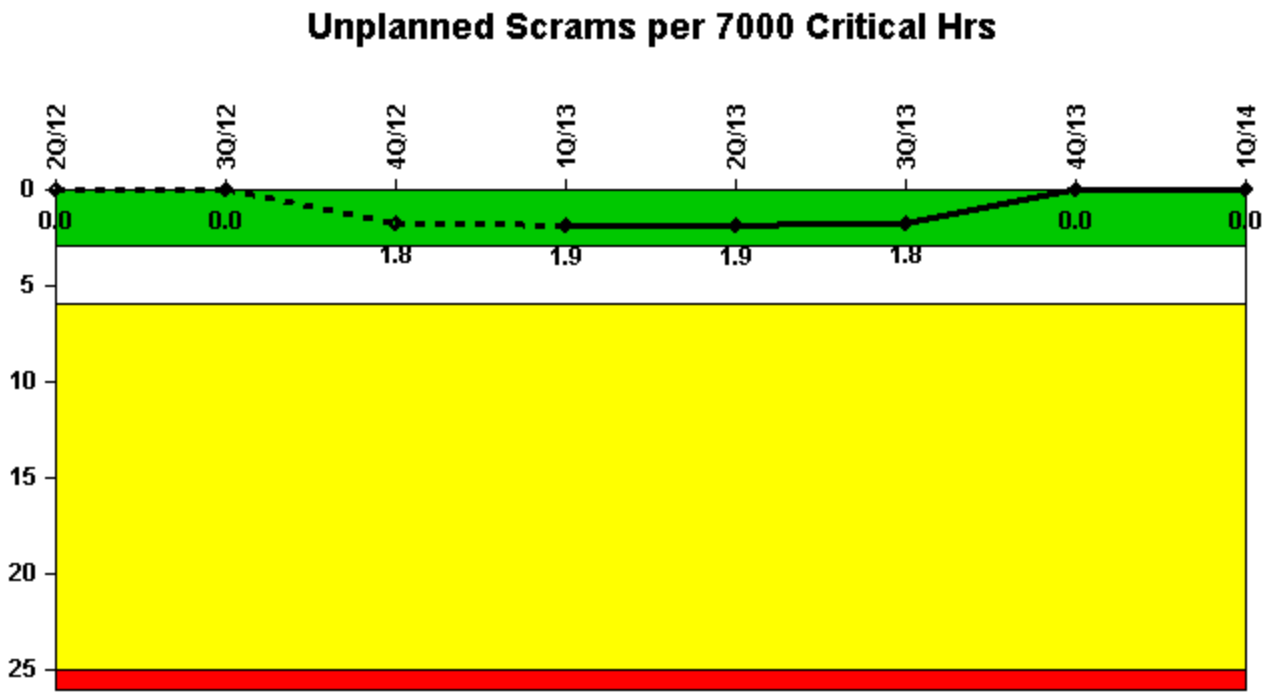
FitzPatrick

1Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

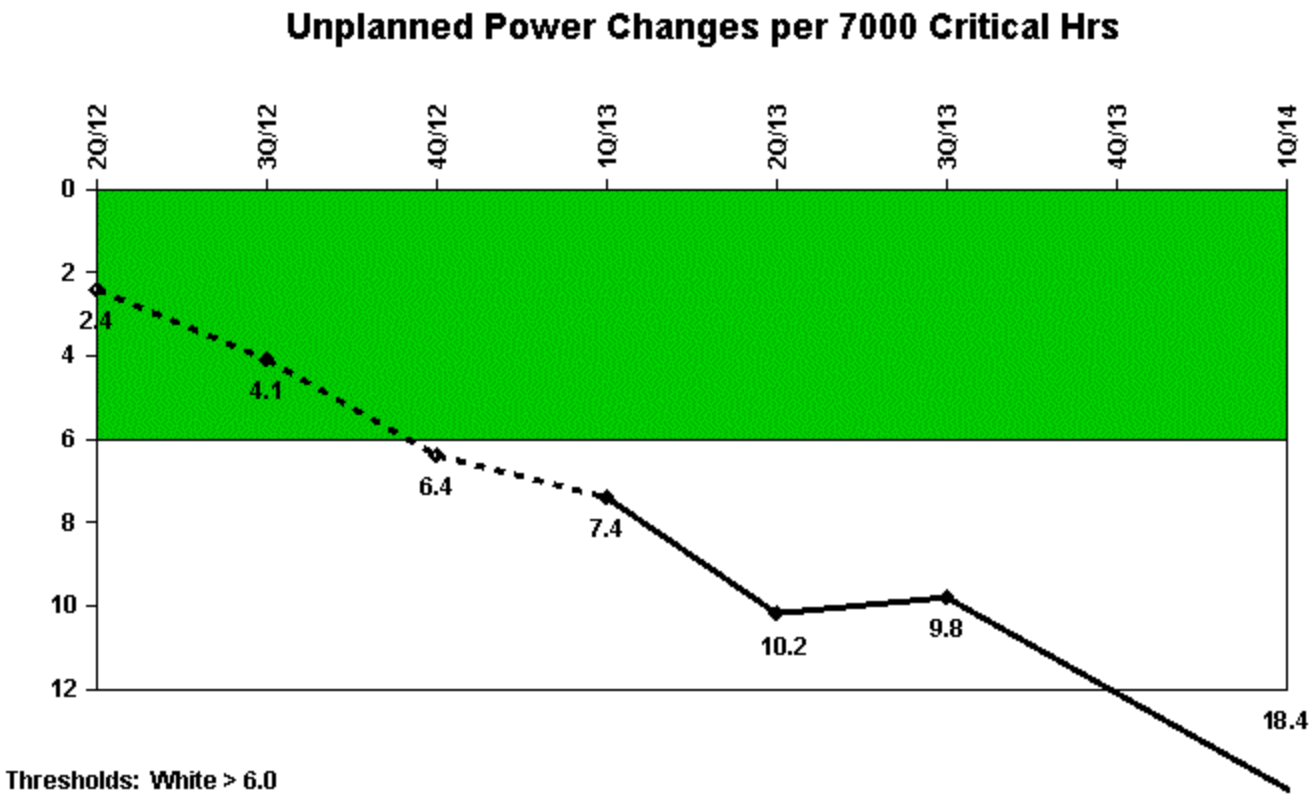


Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Unplanned scrams	0	0	2.0	0	0	0	0	0
Critical hours	2184.0	1860.2	1432.9	2062.0	2184.0	2208.0	2209.0	2159.0
Indicator value	**0**	**0**	**1.8**	**1.9**	**1.9**	**1.8**	**0**	**0**

Licensee Comments: none



Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Unplanned power changes	1.0	2.0	2.0	3.0	4.0	2.0	6.0	11.0
Critical hours	2184.0	1860.2	1432.9	2062.0	2184.0	2208.0	2209.0	2159.0
Indicator value	**2.4**	**4.1**	**6.4**	**7.4**	**10.2**	**9.8**	**12.1**	**18.4**

Licensee Comments:

1Q/14: Multiple downpowers are due to repairs on the Main Condenser tube inleakage. This deficiency is a known issue but individual tube failures are not predictable. Compensatory measures, such as tube plugging and tube sleeving, have been performed to mitigate Main Condenser performance. Full Tube replacement is scheduled for next refueling outage. There is no effect on public or nuclear safety.

4Q/13: Multiple downpowers are due to repairs on the Main Condenser tube inleakage. This deficiency is a known issue but individual tube failures are not predictable. Compensatory measures, such as tube plugging and tube sleeving, have been performed to mitigate Main Condenser performance. There is no affect on public or nuclear safety.

3Q/13: Multiple downpowers are due to repairs on the Main Condenser tube inleakage. This deficiency is a known issue but individual tube failures are not predictable. Compensatory measures, such as tube plugging and tube sleeving, have been performed to mitigate Main Condenser performance. There is no affect on public or nuclear safety.

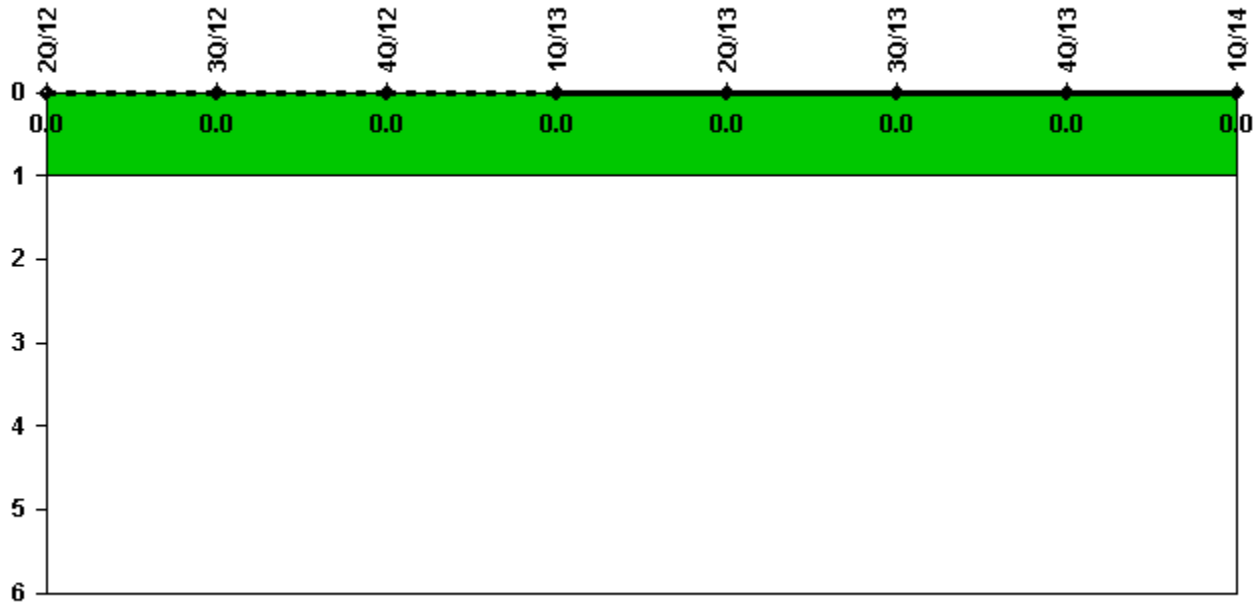
2Q/13: Multiple downpowers are due to repairs on the Main Condenser tube inleakage. This deficiency is a known issue but individual tube failures are not predictable. Compensatory measures, such as tube plugging and tube sleeving, have been performed to mitigate Main Condenser performance. There is no affect on public or nuclear

safety.

1Q/13: Multiple downpowers are due to repairs on the Main Condenser tube inleakage. This deficiency is a known issue but individual tube failures are not predictable. Compensatory measures, such as tube plugging and tube sleeving, have been performed to mitigate Main Condenser performance. There is no affect on public or nuclear safety.

4Q/12: Multiple downpowers are due to repairs on the Main Condenser tube inleakage. This deficiency is a known issue but individual tube failures are not predictable. Compensatory measures, such as tube plugging and tube sleeving, have been performed to mitigate Main Condenser performance. There is no affect on public or nuclear safety.

Unplanned Scrams with Complications

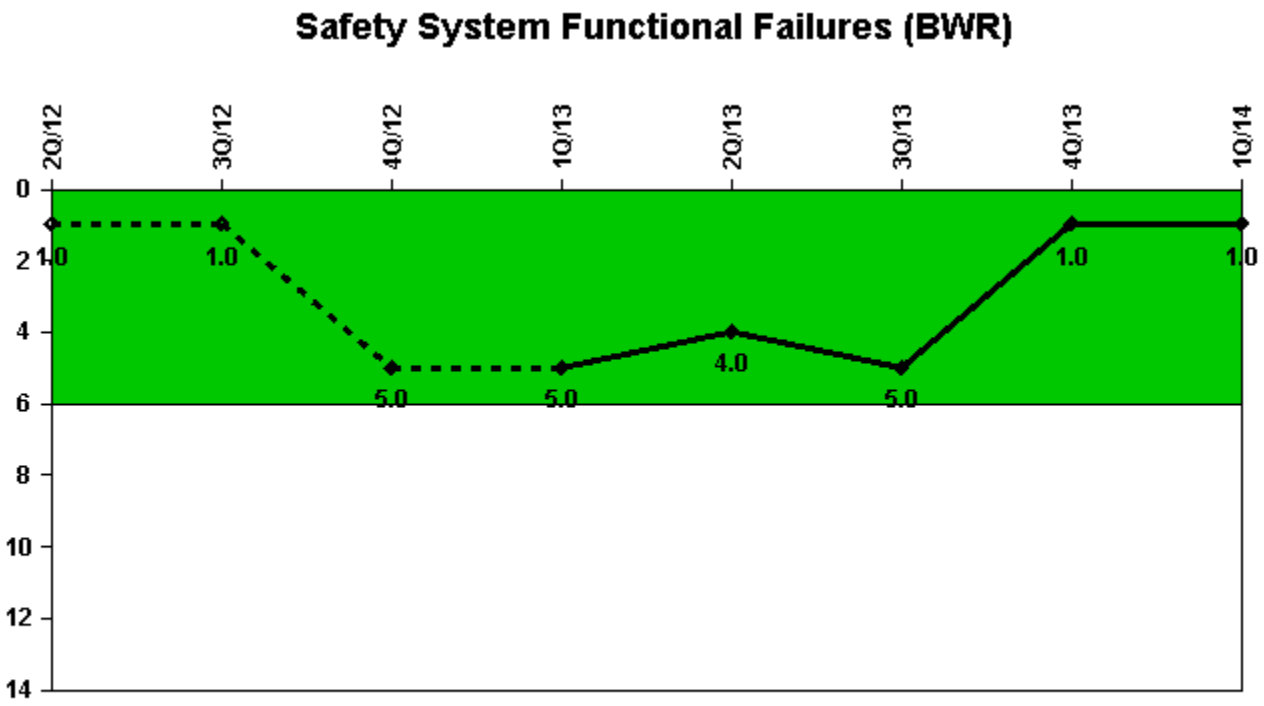


Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
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



Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Safety System Functional Failures	1	0	4	0	0	1	0	0
Indicator value	**1**	**1**	**5**	**5**	**4**	**5**	**1**	**1**

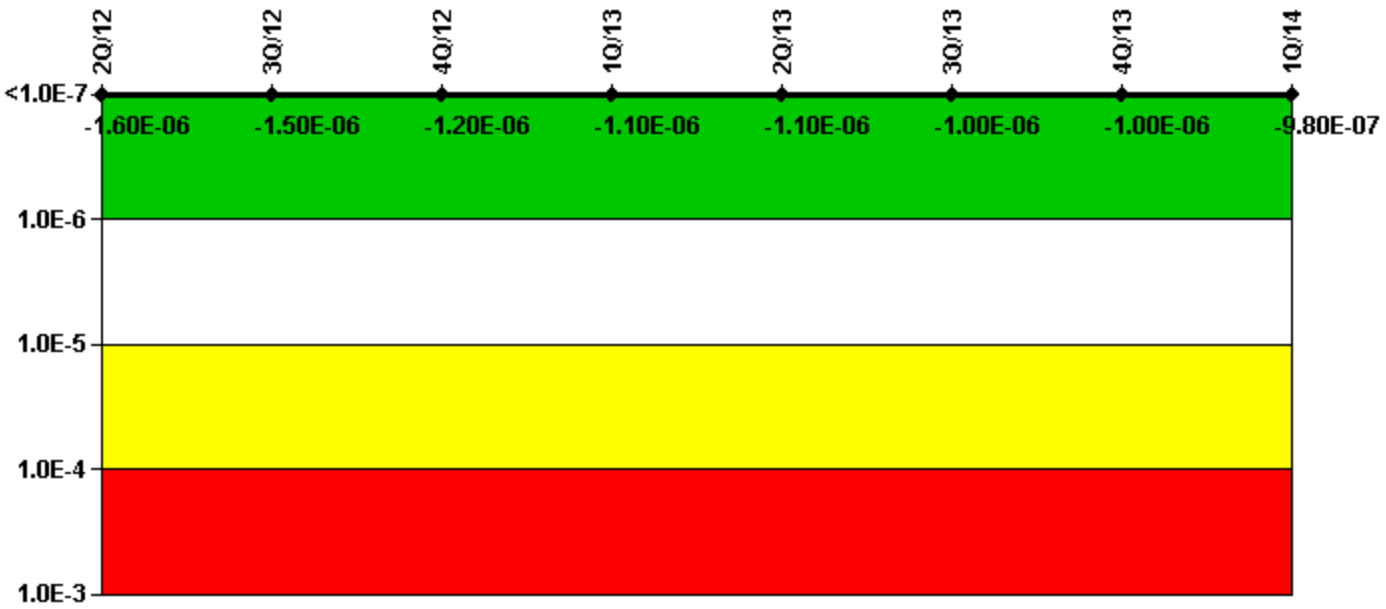
Licensee Comments:

3Q/13: LER-12-010

4Q/12: LER-12-002, LER-12-003, LER-12-005, LER-12-006

2Q/12: LER-2012-001, Unit Cooler Fan Motor Contactor Low Voltage Test Failure Results in Loss of Safety Function and Condition Prohibited by the Technical Specifications, reported in June 2012

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/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
UAI (ΔCDF)	3.31E-09	3.14E-09	7.74E-10	9.99E-10	6.30E-09	7.40E-09	9.66E-09	9.53E-09
URI (ΔCDF)	-1.56E-06	-1.52E-06	-1.19E-06	-1.12E-06	-1.13E-06	-1.04E-06	-1.01E-06	-9.94E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.60E-06**	**-1.50E-06**	**-1.20E-06**	**-1.10E-06**	**-1.10E-06**	**-1.00E-06**	**-1.00E-06**	**-9.80E-07**

Licensee Comments:

4Q/13: Change report submitted to make minor changes in the 3rd quarter 2013 to 4th quarter 2012. The Indicator color significance remains Green with the change.

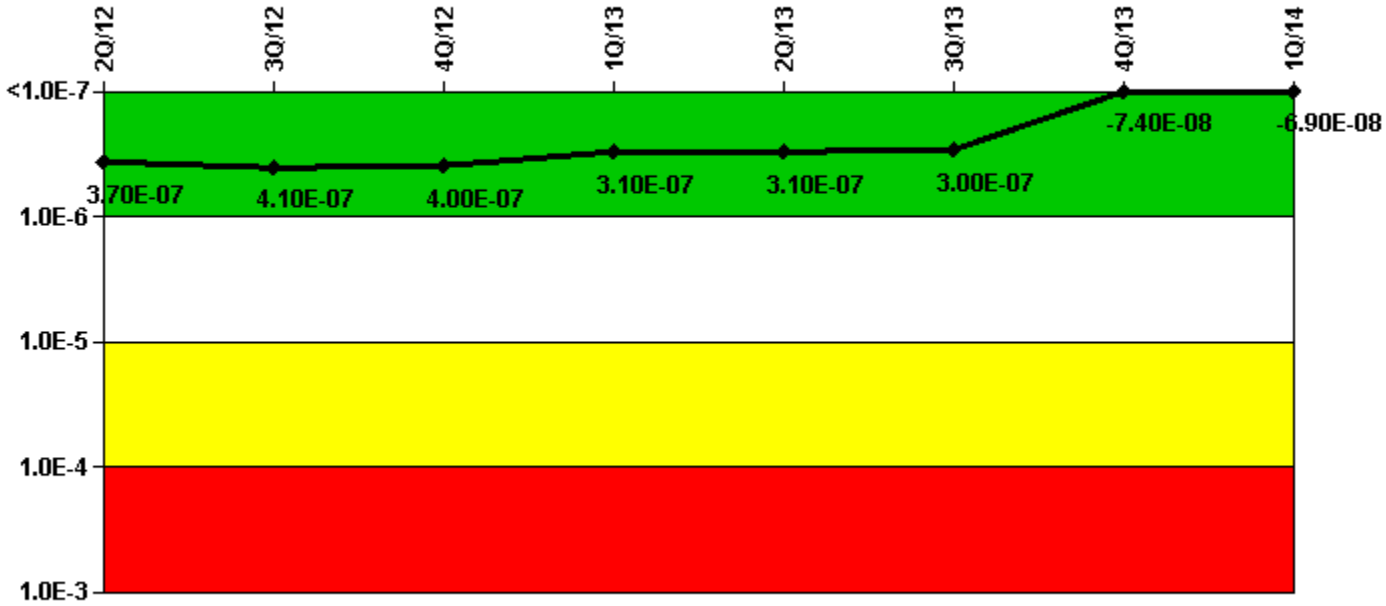
3Q/13: A change report submitted with 4th quarter 2013 data made a minor change in the 4th quarter 2012 EDG MSPI PI. This had an effect through 2013. The Indicator color significance remains Green with the change.

2Q/13: A change report submitted with 4th quarter 2013 data made a minor change in the 4th quarter 2012 EDG MSPI PI. This had an effect through 2013. The Indicator color significance remains Green with the change.

1Q/13: A change report submitted with 4th quarter 2013 data made a minor change in the 4th quarter 2012 EDG MSPI PI. This had an effect through 2013. The Indicator color significance remains Green with the change.

4Q/12: A change report submitted with 4th quarter 2013 data made a minor change in the 4th quarter 2012 EDG MSPI PI. This had an effect through 2013. The Indicator color significance remains Green with the change.

Mitigating Systems Performance Index, High Pressure Injection System



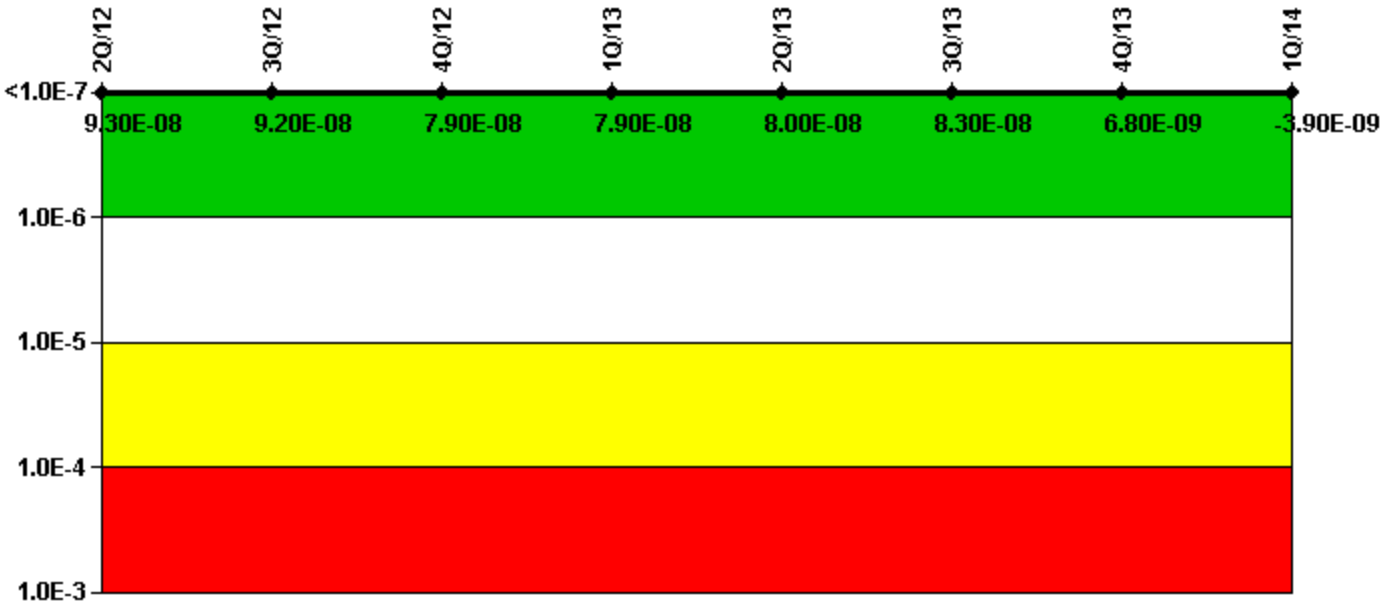
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
UAI (ΔCDF)	6.84E-08	9.29E-08	9.64E-08	1.98E-08	1.38E-08	1.21E-08	7.02E-09	7.02E-09
URI (ΔCDF)	3.05E-07	3.17E-07	3.04E-07	2.93E-07	2.93E-07	2.87E-07	-8.08E-08	-7.62E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**3.70E-07**	**4.10E-07**	**4.00E-07**	**3.10E-07**	**3.10E-07**	**3.00E-07**	**-7.40E-08**	**-6.90E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



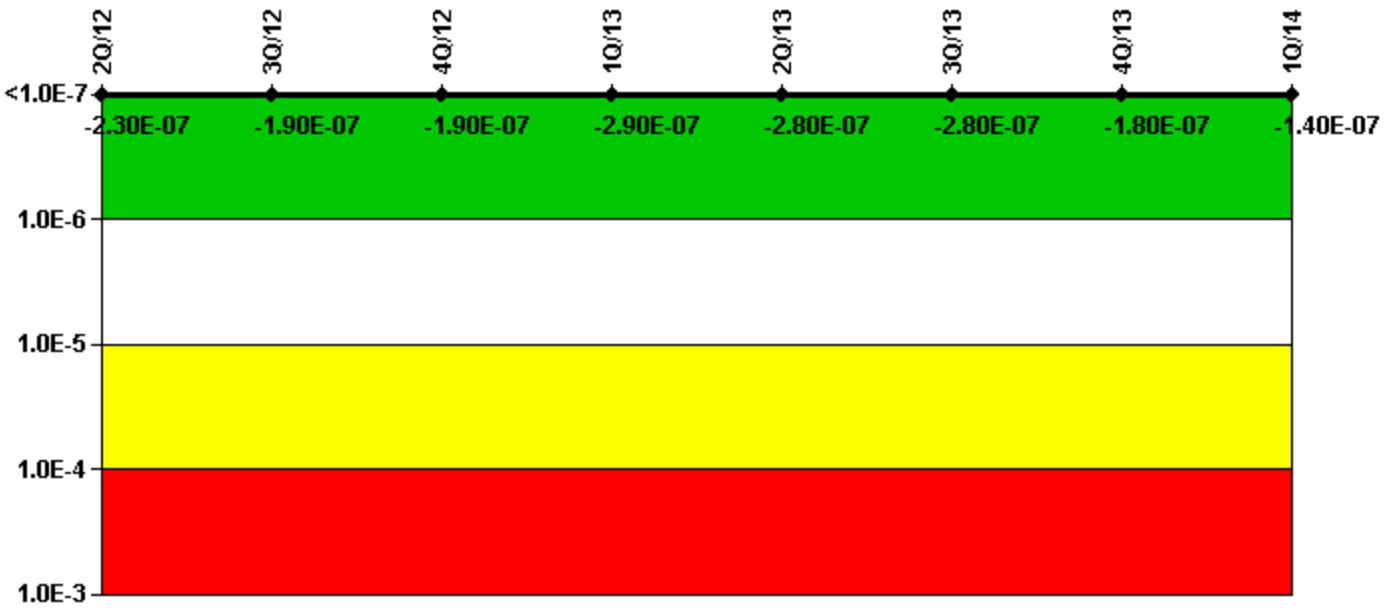
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
UAI (ΔCDF)	5.74E-08	6.05E-08	5.37E-08	5.42E-08	5.47E-08	5.23E-08	1.78E-08	5.09E-08
URI (ΔCDF)	3.60E-08	3.19E-08	2.52E-08	2.50E-08	2.50E-08	3.06E-08	-1.10E-08	-5.48E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**9.30E-08**	**9.20E-08**	**7.90E-08**	**7.90E-08**	**8.00E-08**	**8.30E-08**	**6.80E-09**	**-3.90E-09**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



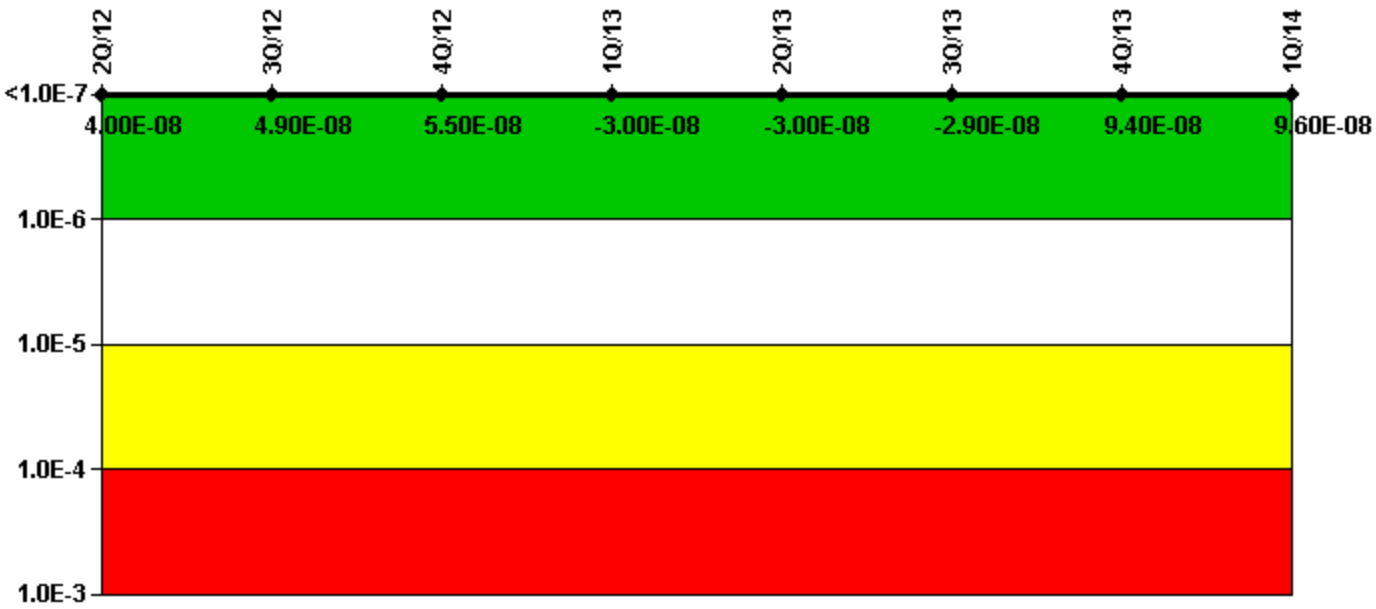
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**
UAI (ΔCDF)	2.86E-08	6.97E-08	8.15E-08	-1.40E-08	-1.34E-08	-2.37E-08	5.90E-08	1.00E-07
URI (ΔCDF)	-2.56E-07	-2.62E-07	-2.76E-07	-2.74E-07	-2.69E-07	-2.53E-07	-2.41E-07	-2.44E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.30E-07**	**-1.90E-07**	**-1.90E-07**	**-2.90E-07**	**-2.80E-07**	**-2.80E-07**	**-1.80E-07**	**-1.40E-07**

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



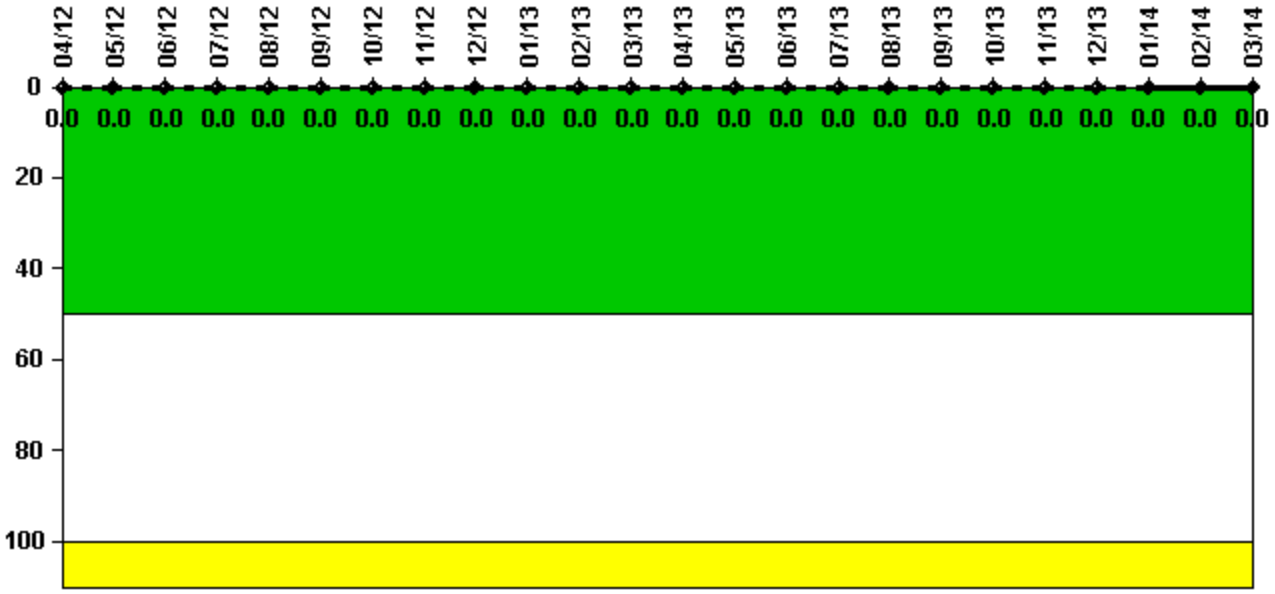
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**
UAI (ΔCDF)	5.21E-08	6.07E-08	6.65E-08	-1.79E-08	-1.79E-08	-1.79E-08	1.06E-07	1.07E-07
URI (ΔCDF)	-1.16E-08	-1.16E-08	-1.15E-08	-1.17E-08	-1.18E-08	-1.12E-08	-1.13E-08	-1.13E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**4.00E-08**	**4.90E-08**	**5.50E-08**	**-3.00E-08**	**-3.00E-08**	**-2.90E-08**	**9.40E-08**	**9.60E-08**

Licensee Comments: none

Reactor Coolant System Activity



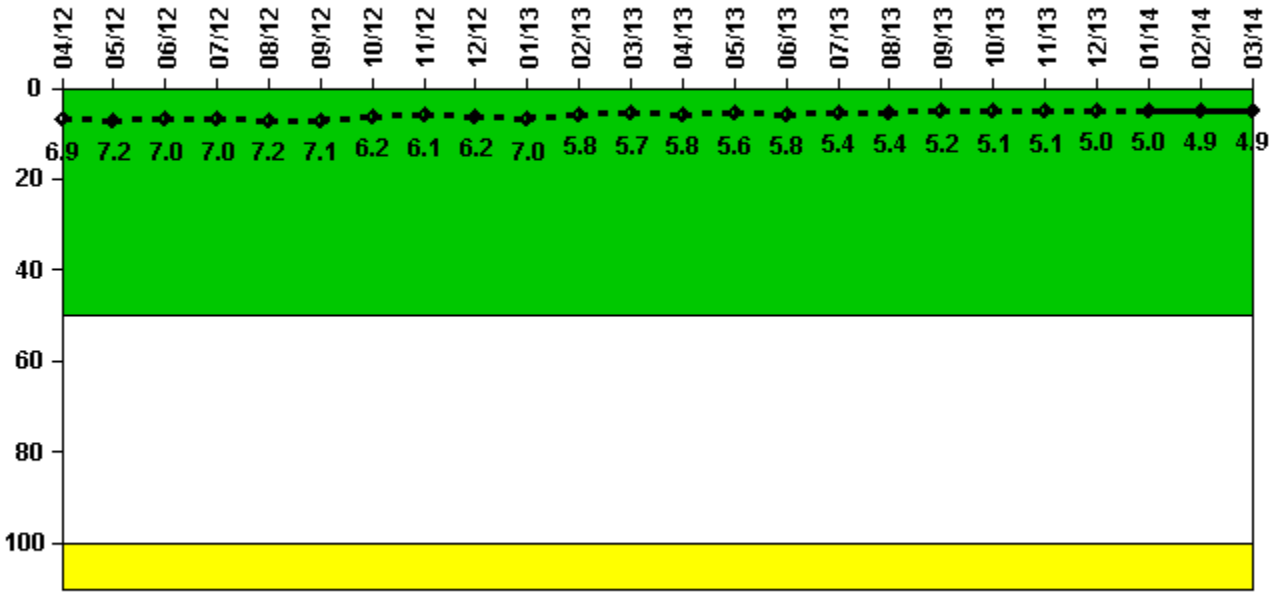
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**4/12**	**5/12**	**6/12**	**7/12**	**8/12**	**9/12**	**10/12**	**11/12**	**12/12**	**1/13**	**2/13**	**3/13**
Maximum activity	0.000033	0.000036	0.000023	0.000068	0.000024	0.000026	0.000018	0.000012	0.000016	0.000016	0.000012	0.000012
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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
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	0.000018	0.000014	0.000013	0.000025	0.000013	0.000028	0.000010	0.000010	0.000014	0.000015	0.000015	0.000013
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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

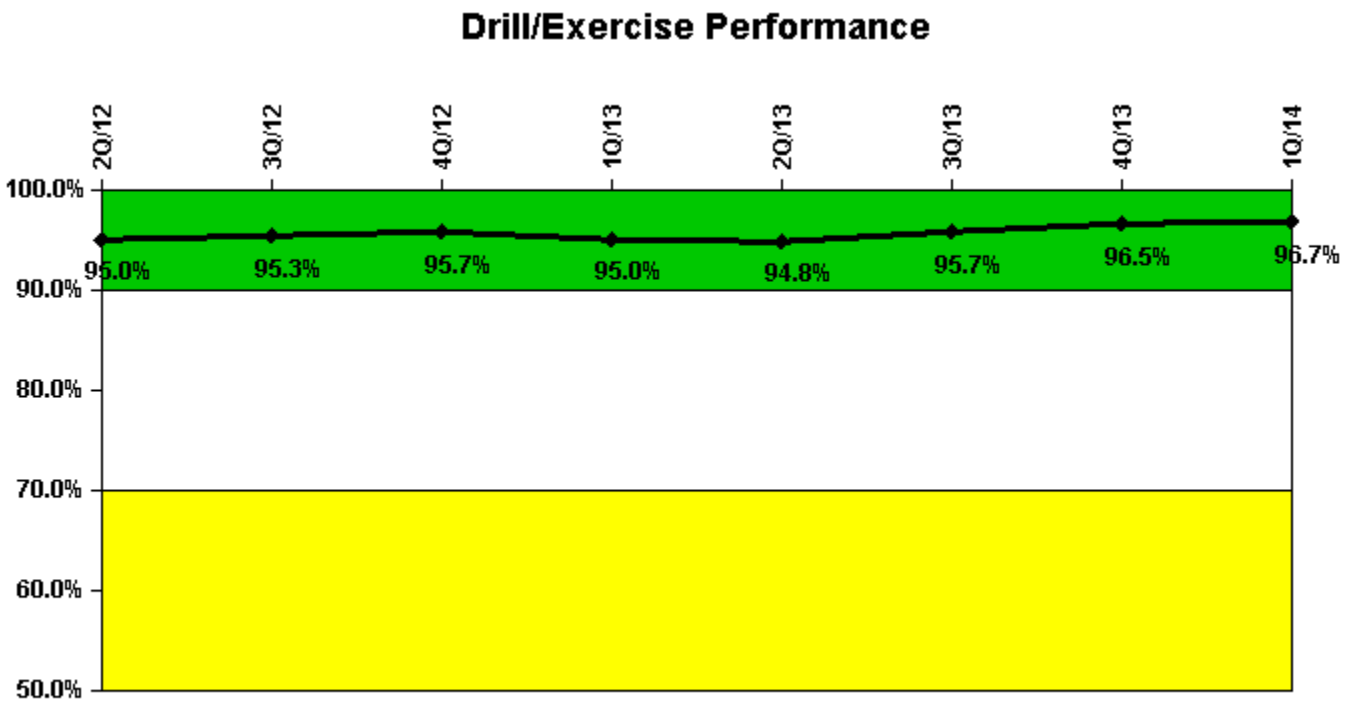
Notes

Reactor Coolant System Leakage	**4/12**	**5/12**	**6/12**	**7/12**	**8/12**	**9/12**	**10/12**	**11/12**	**12/12**	**1/13**	**2/13**	**3/13**
Maximum leakage	1.720	1.810	1.740	1.760	1.790	1.780	1.550	1.530	1.550	1.740	1.460	1.430
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	**6.9**	**7.2**	**7.0**	**7.0**	**7.2**	**7.1**	**6.2**	**6.1**	**6.2**	**7.0**	**5.8**	**5.7**
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	1.440	1.400	1.460	1.360	1.350	1.300	1.280	1.270	1.260	1.250	1.230	1.220
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	**5.8**	**5.6**	**5.8**	**5.4**	**5.4**	**5.2**	**5.1**	**5.1**	**5.0**	**5.0**	**4.9**	**4.9**

Licensee Comments:

9/13: 2nd Quarter 2013 data has been updated to correct data submitted in error. This change has no affect on indicator color.

6/13: Maximum RCS identified leakage and Maximum RCS unidentified leakage were inadvertently switched. Corrected by change report in 3rd Quarter 2013.

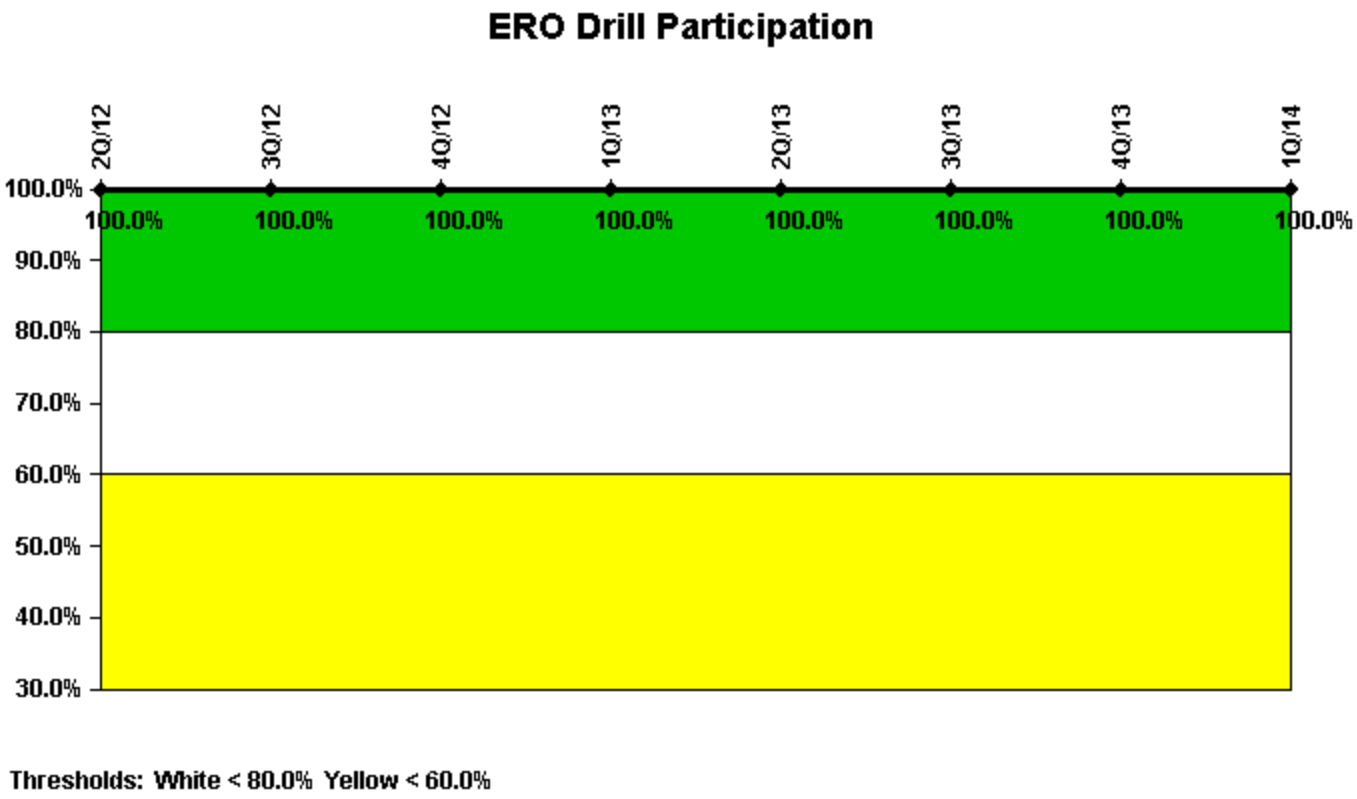


Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Successful opportunities	39.0	28.0	15.0	26.0	67.0	74.0	76.0	51.0
Total opportunities	46.0	28.0	15.0	28.0	68.0	75.0	77.0	52.0
Indicator value	**95.0%**	**95.3%**	**95.7%**	**95.0%**	**94.8%**	**95.7%**	**96.5%**	**96.7%**

Licensee Comments: none



Thresholds: White < 80.0% Yellow < 60.0%

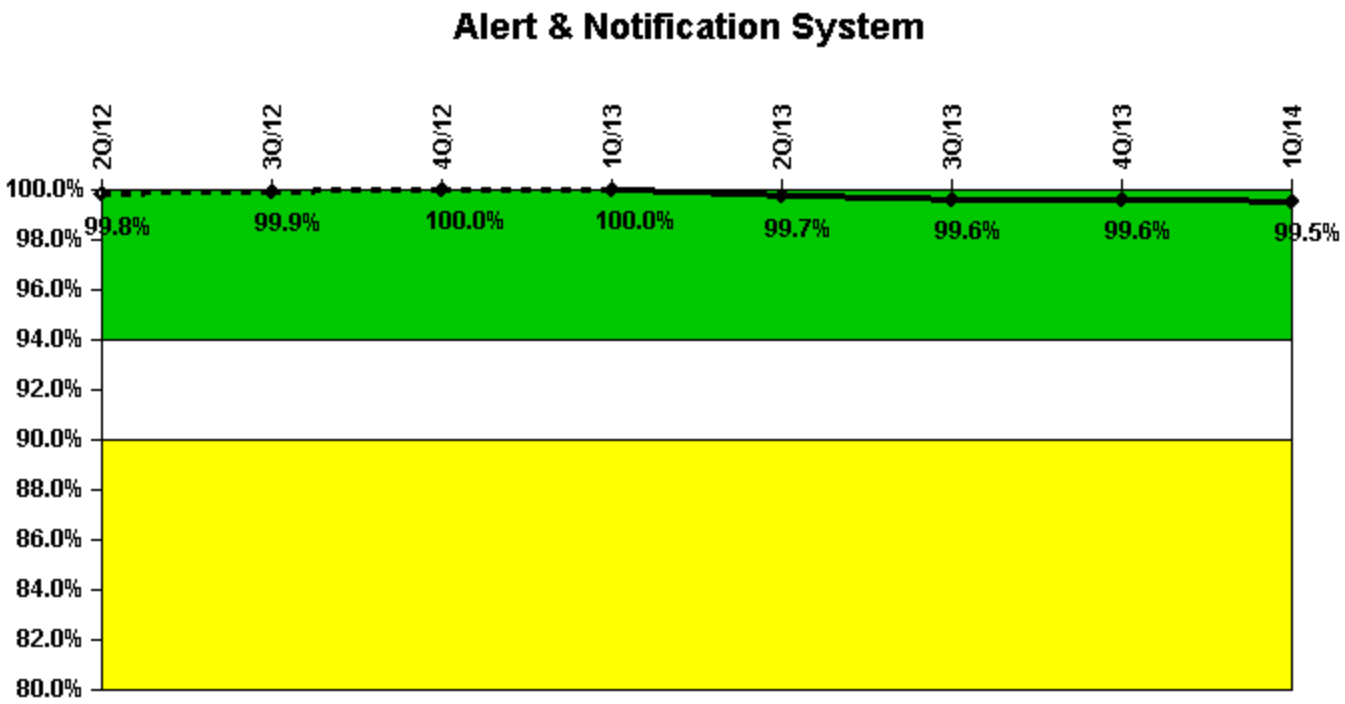
Notes

ERO Drill Participation	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Participating Key personnel	72.0	75.0	78.0	80.0	78.0	74.0	78.0	69.0
Total Key personnel	72.0	75.0	78.0	80.0	78.0	74.0	78.0	69.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments:

1Q/14: 4th quarter 2013 data was revised to reflect updated qualification status of one key individual. This change does not affect the indicator color.

4Q/13: December and November 2013 data was revised to reflect updated qualification status of one key individual. This change does not affect the indicator color.



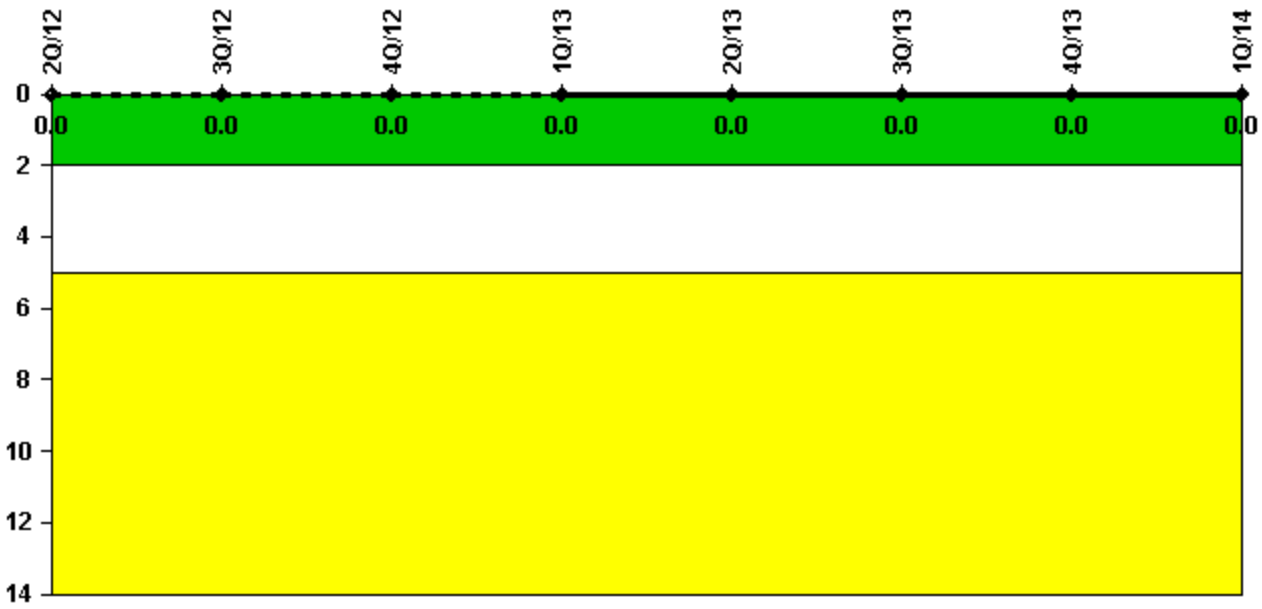
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Successful siren-tests	296	222	333	222	293	221	333	221
Total sirens-tests	296	222	333	222	296	222	333	222
Indicator value	**99.8%**	**99.9%**	**100.0%**	**100.0%**	**99.7%**	**99.6%**	**99.6%**	**99.5%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

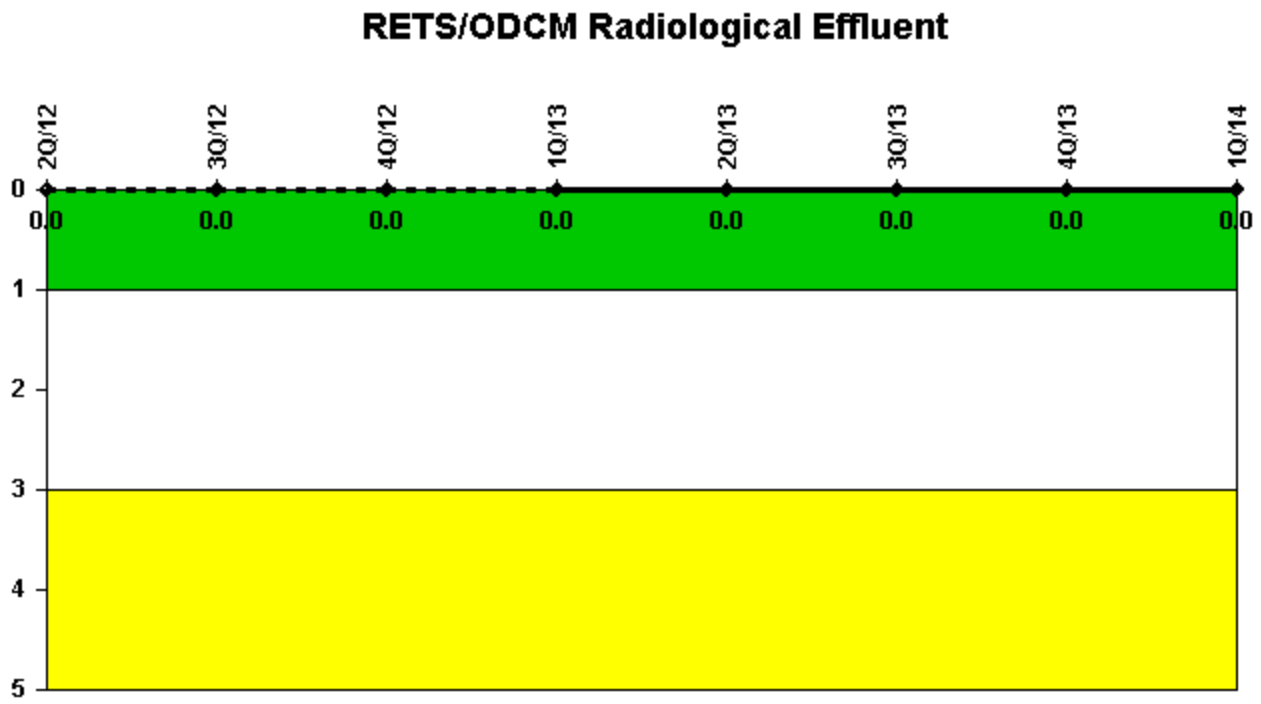


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
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



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
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: April 23, 2014