

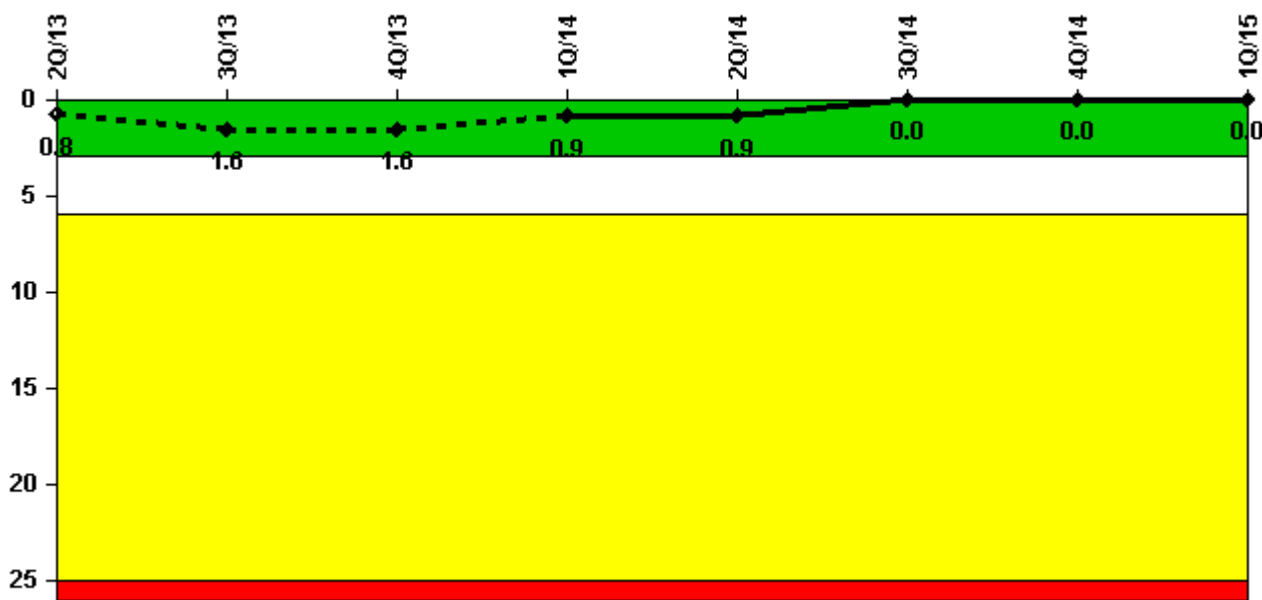
Indian Point 2

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 updated 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



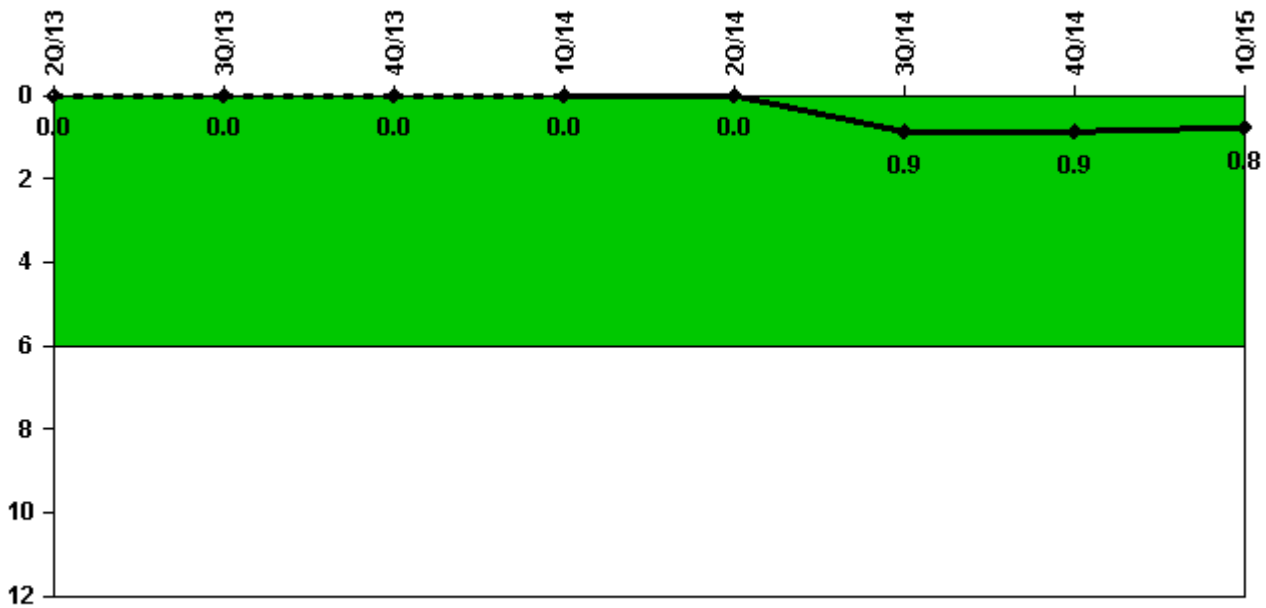
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0	0	0	0
Critical hours	2184.0	2189.3	2209.0	1619.8	2184.0	2208.0	2209.0	2159.0
Indicator value	0.8	1.6	1.6	0.9	0.9	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

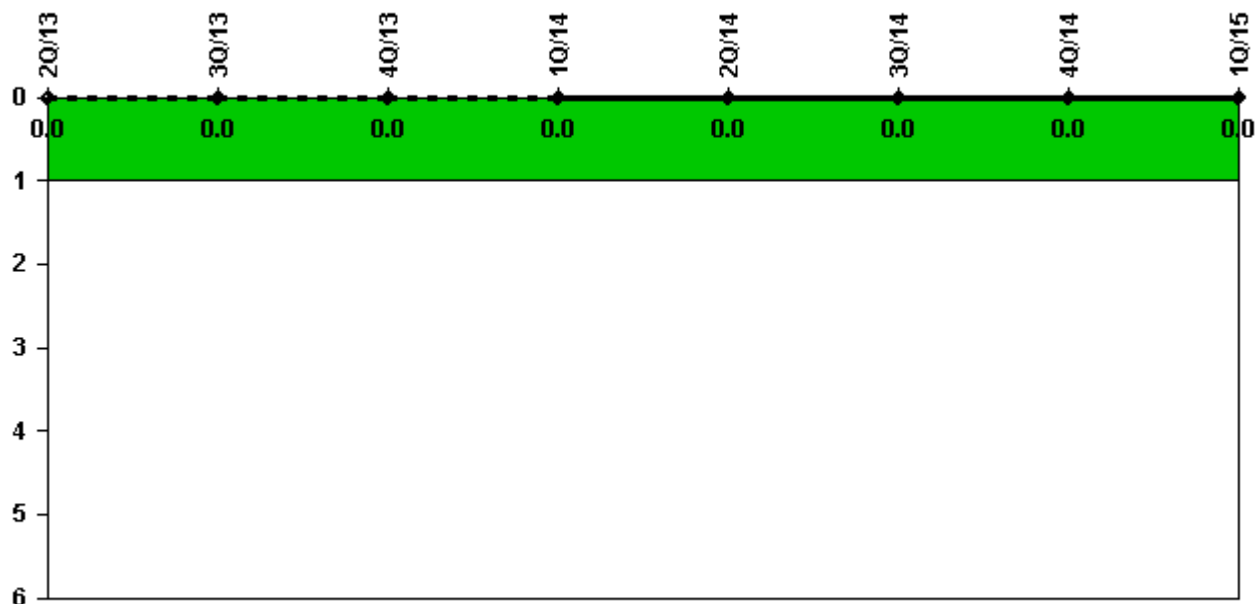
Notes

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	1.0	0	0
Critical hours	2184.0	2189.3	2209.0	1619.8	2184.0	2208.0	2209.0	2159.0
Indicator value	0	0	0	0	0	0.9	0.9	0.8

Licensee Comments:

3Q/14: Unplanned power change on September 18, 2014, due to Technical Specification required power change as a result of misaligned control rod/shutdown bank B during testing. Power reduced to approximately 70%.

Unplanned Scrams with Complications



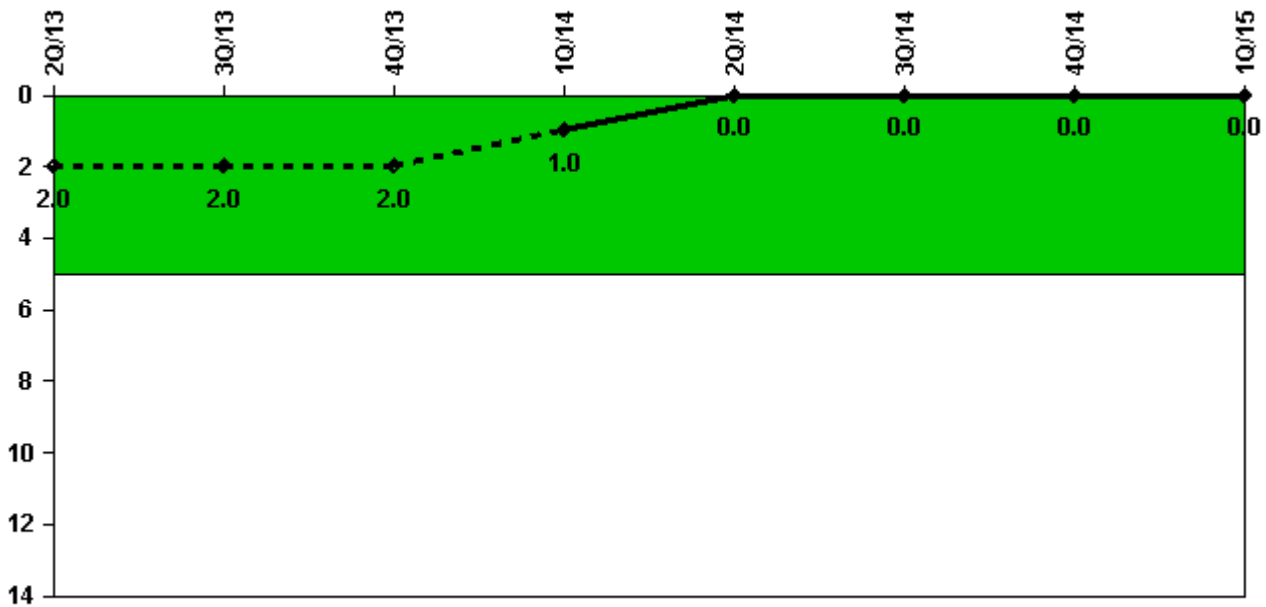
Thresholds: White > 1.0

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	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

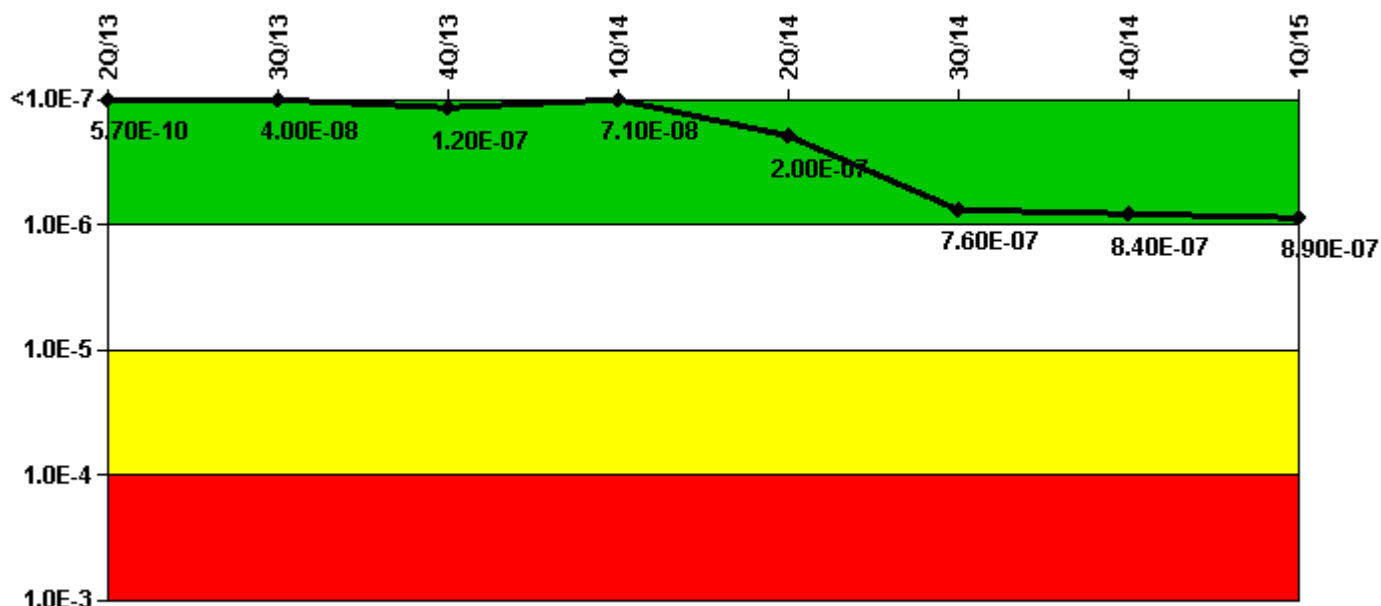
Notes

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	0
Indicator value	2	2	2	1	0	0	0	0

Licensee Comments:

2Q/13: LER-2013-002 reported on June 13, 2012, a SSFF of the onsite emergency diesel generators due to maintenance on the emergency fuel oil supply line during tagout of the normal fuel oil supply line.

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)	2.12E-07	2.29E-07	2.80E-07	2.73E-07	3.56E-07	3.65E-07	4.23E-07	3.76E-07
URI (Δ CDF)	-2.11E-07	-1.89E-07	-1.59E-07	-2.03E-07	-1.59E-07	3.93E-07	4.15E-07	5.12E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	5.70E-10	4.00E-08	1.20E-07	7.10E-08	2.00E-07	7.60E-07	8.40E-07	8.90E-07

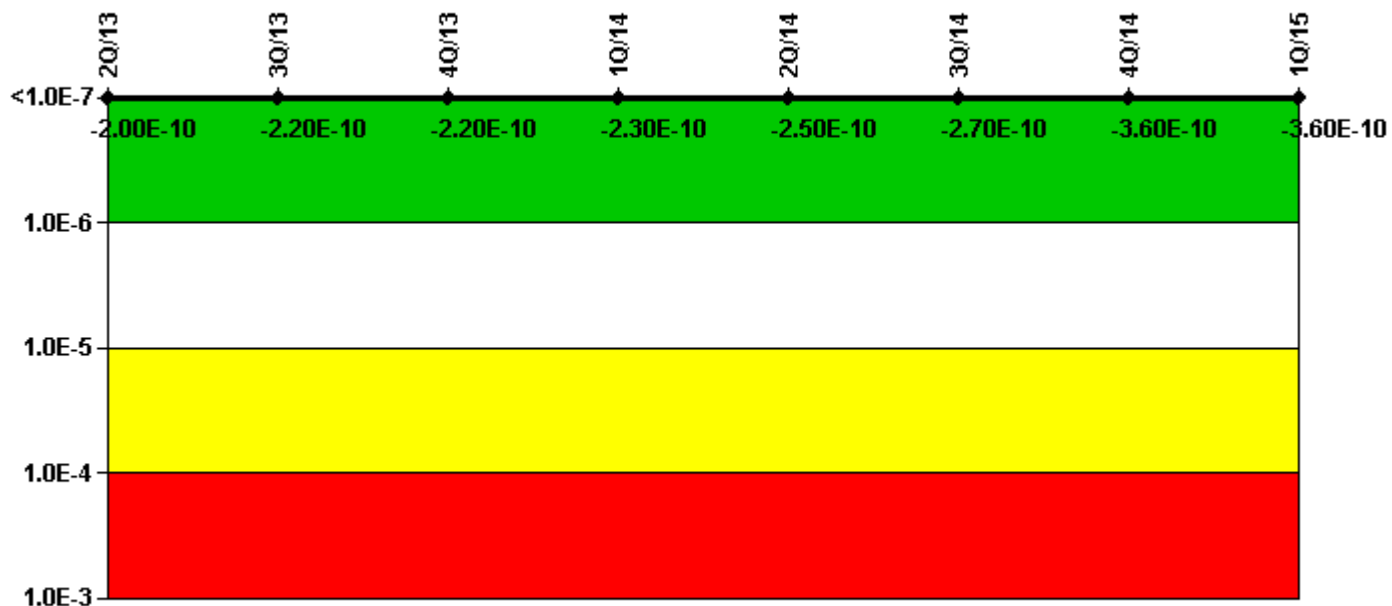
Licensee Comments:

1Q/15: Risk Cap Invoked.

4Q/14: Risk Cap Invoked.

3Q/14: Risk Cap Invoked. On September 12, 2014, a lube oil leak was discovered on the vitaulic coupling of the 23 EDG during post maintenance testing. EDG secured. MSPI Run Failure.

Mitigating Systems Performance Index, High Pressure Injection System



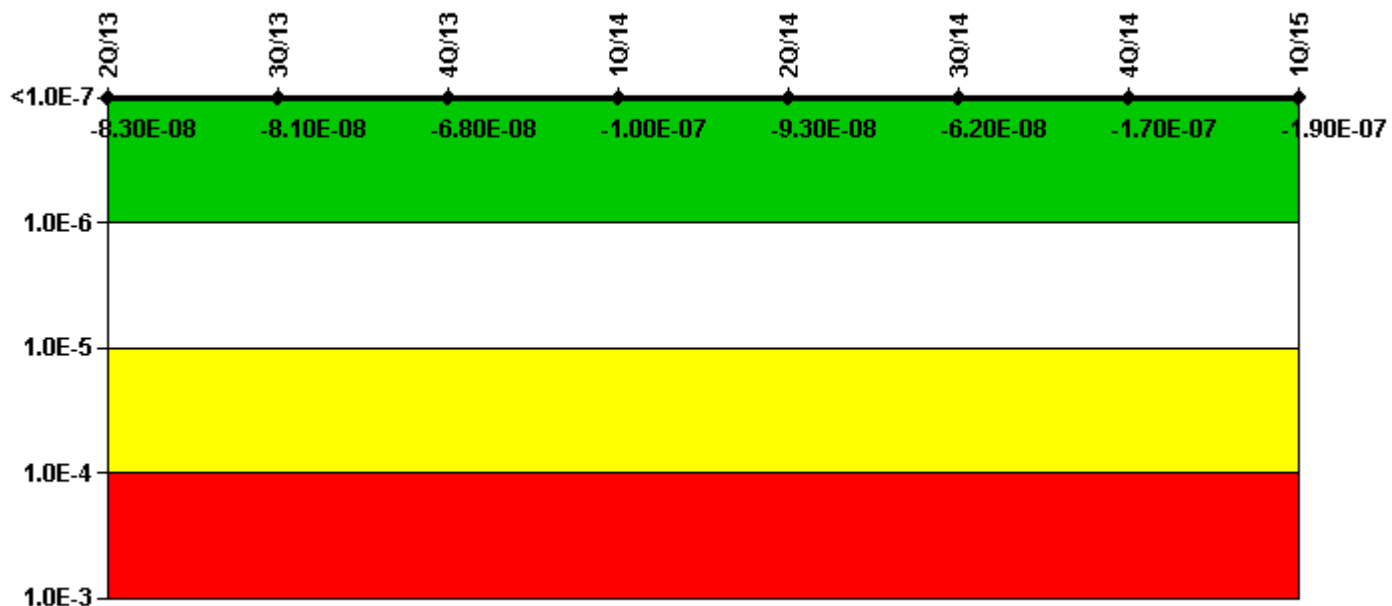
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	6.29E-11	5.22E-11	5.76E-11	6.60E-11	5.21E-11	5.05E-11	-3.50E-11	-3.95E-11
URI (Δ CDF)	-2.61E-10	-2.71E-10	-2.78E-10	-2.92E-10	-3.05E-10	-3.19E-10	-3.27E-10	-3.18E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.00E-10	-2.20E-10	-2.20E-10	-2.30E-10	-2.50E-10	-2.70E-10	-3.60E-10	-3.60E-10

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



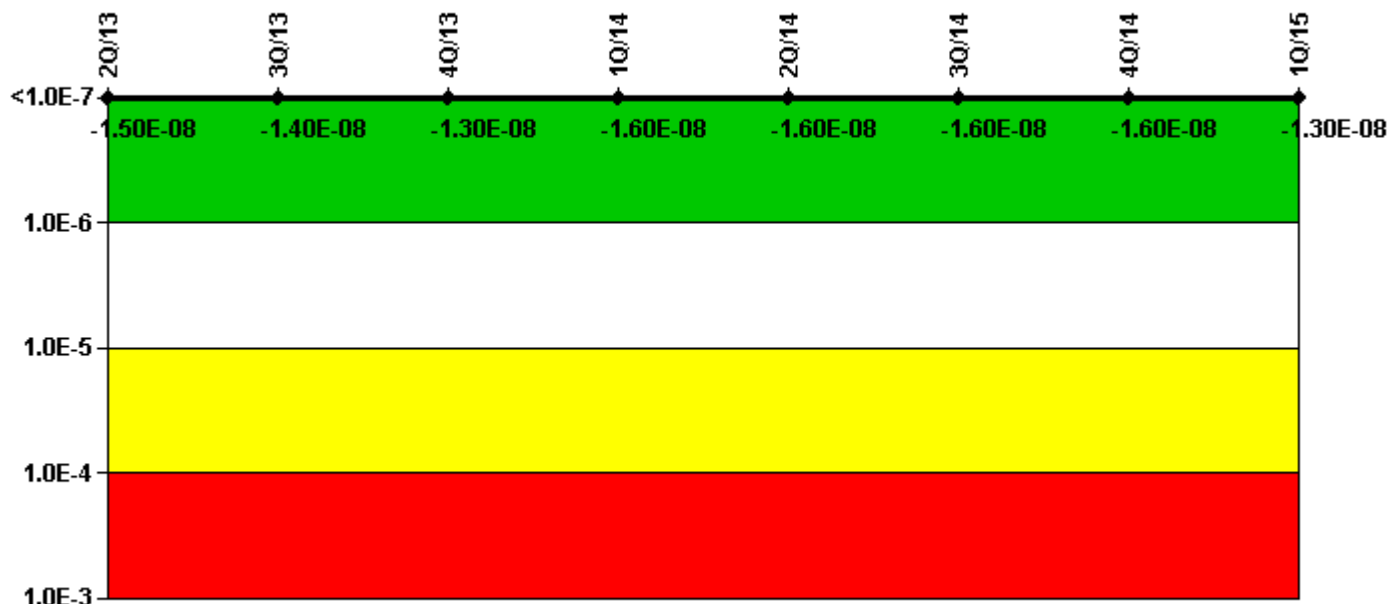
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
UAI (Δ CDF)	-2.93E-08	-2.99E-08	-2.98E-08	-2.85E-08	-2.72E-08	3.81E-09	2.10E-08	5.35E-10
URI (Δ CDF)	-5.37E-08	-5.07E-08	-3.86E-08	-7.36E-08	-6.60E-08	-6.59E-08	-1.93E-07	-1.86E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-8.30E-08	-8.10E-08	-6.80E-08	-1.00E-07	-9.30E-08	-6.20E-08	-1.70E-07	-1.90E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



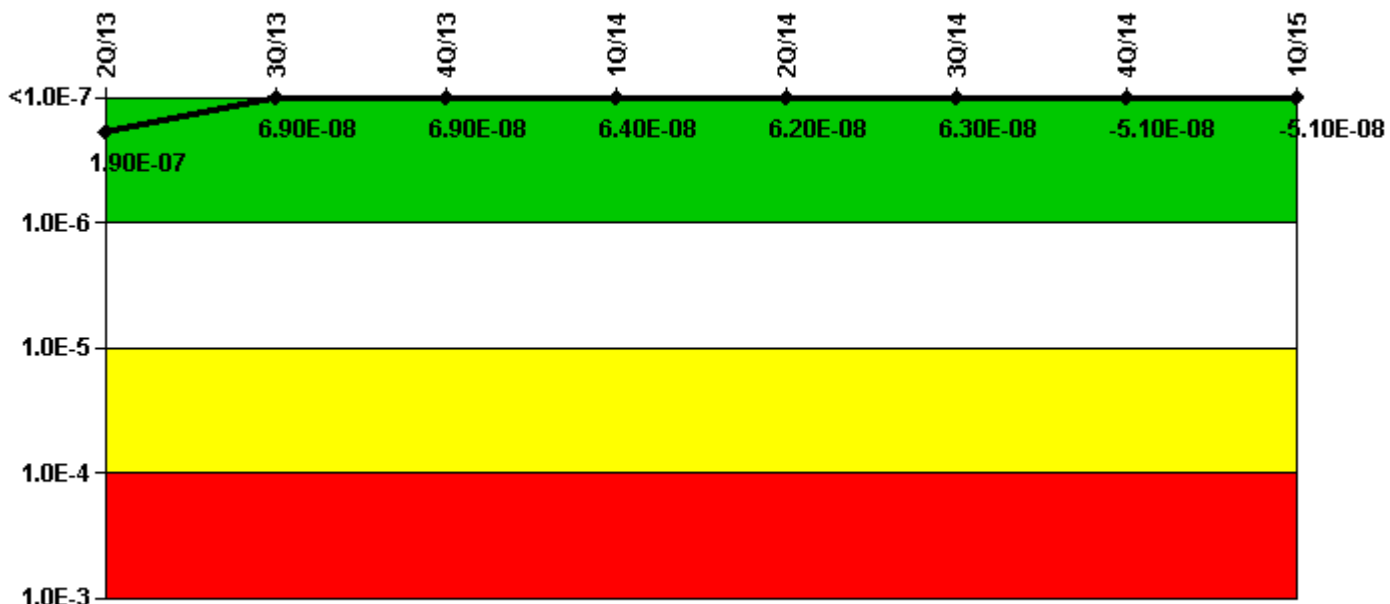
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
UAI (Δ CDF)	-4.05E-09	-4.17E-09	-4.03E-09	-3.91E-09	-3.97E-09	-3.97E-09	-4.19E-09	-4.35E-09
URI (Δ CDF)	-1.06E-08	-9.89E-09	-9.12E-09	-1.17E-08	-1.17E-08	-1.17E-08	-1.17E-08	-8.35E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.50E-08	-1.40E-08	-1.30E-08	-1.60E-08	-1.60E-08	-1.60E-08	-1.60E-08	-1.30E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



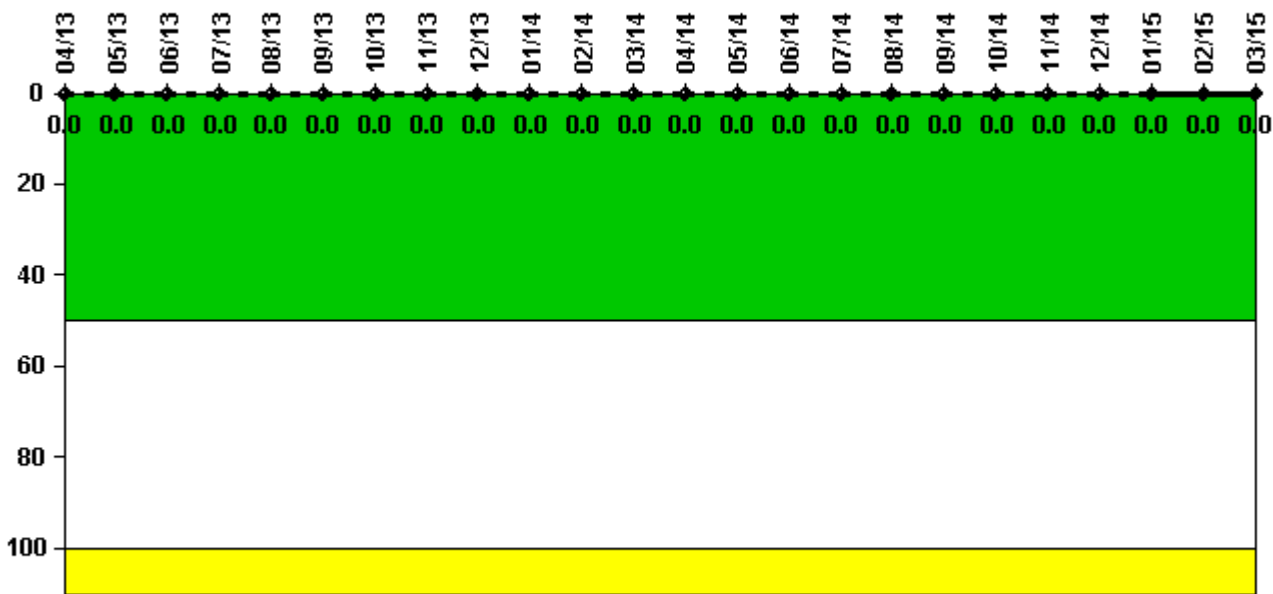
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
UAI (Δ CDF)	4.90E-09	2.65E-09	-1.93E-09	-3.47E-09	-3.28E-09	-3.61E-09	-4.38E-09	-4.67E-09
URI (Δ CDF)	1.81E-07	6.67E-08	7.05E-08	6.71E-08	6.55E-08	6.66E-08	-4.68E-08	-4.64E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.90E-07	6.90E-08	6.90E-08	6.40E-08	6.20E-08	6.30E-08	-5.10E-08	-5.10E-08

Licensee Comments: none

Reactor Coolant System Activity



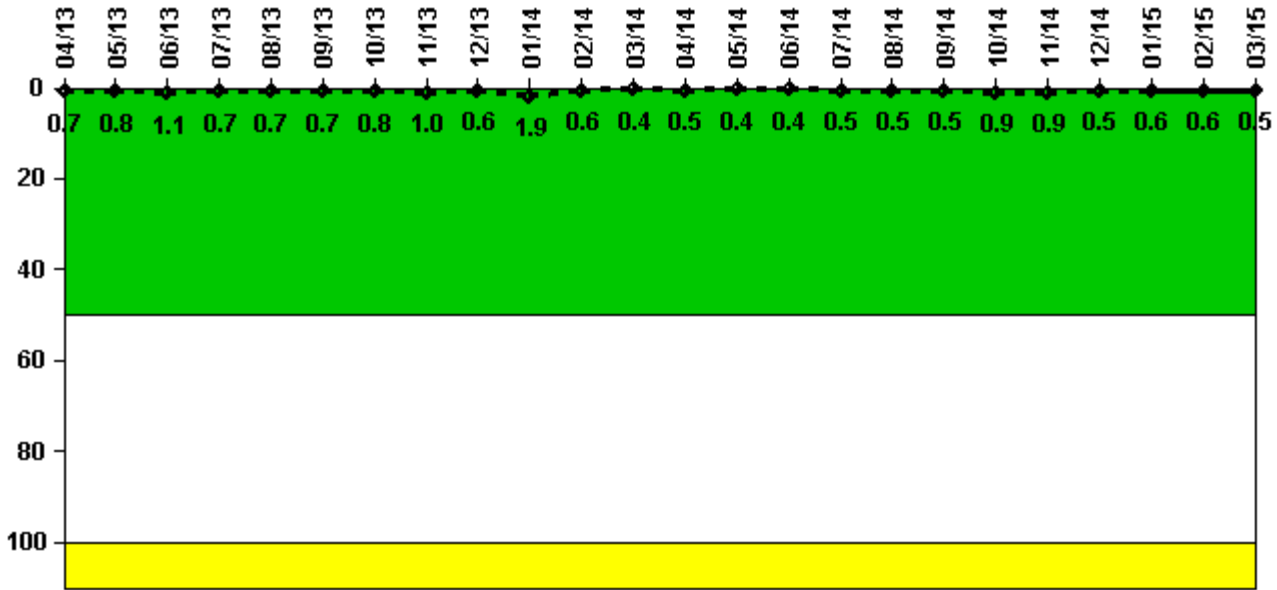
Thresholds: White > 50.0 Yellow > 100.0

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	0.000247	0.000280	0.000239	0.000258	0.000239	0.000204	0.000257	0.000273	0.000276	0.000278	0.000334	0.000125
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	0.000159	0.000133	0.000165	0.000153	0.000141	0.000148	0.000158	0.000170	0.000175	0.000175	0.000170	0.000195
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

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

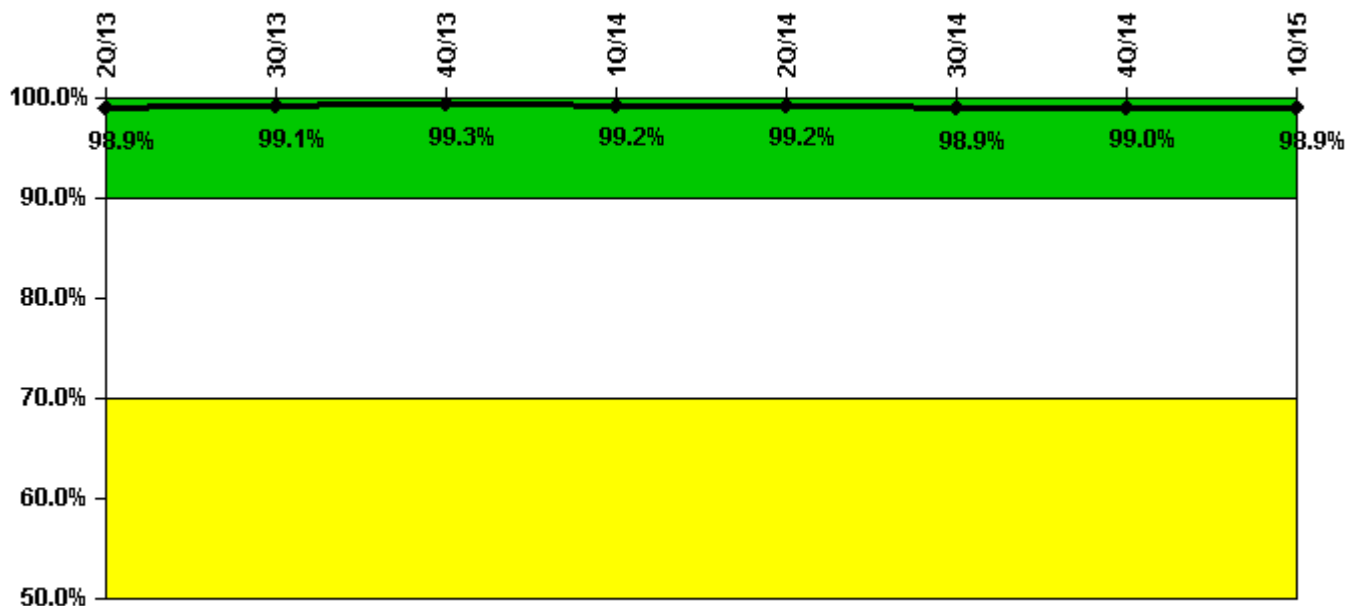
Notes

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	0.073	0.080	0.110	0.071	0.070	0.070	0.080	0.100	0.060	0.190	0.060	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	0.7	0.8	1.1	0.7	0.7	0.7	0.8	1.0	0.6	1.9	0.6	0.4

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	0.050	0.040	0.040	0.050	0.050	0.050	0.090	0.090	0.053	0.060	0.060	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	0.5	0.4	0.4	0.5	0.5	0.5	0.9	0.9	0.5	0.6	0.6	0.5

Licensee Comments: none

Drill/Exercise Performance



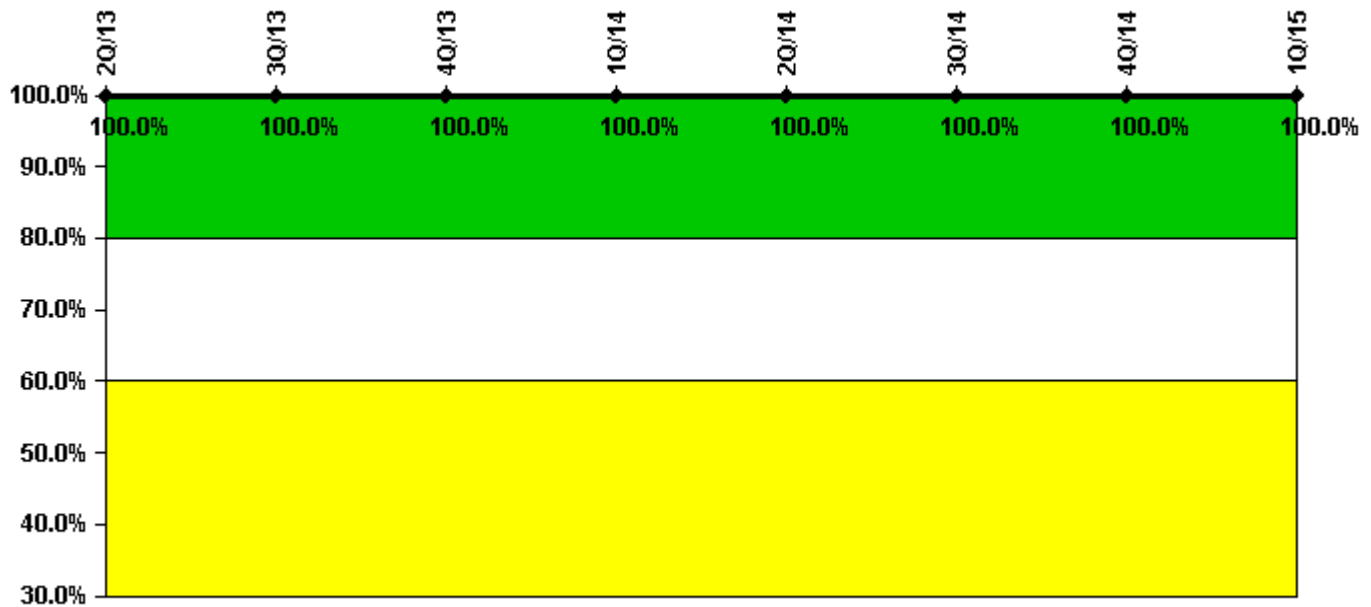
Thresholds: White < 90.0% Yellow < 70.0%

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	110.0	200.0	109.0	20.0
Total opportunities	301.0	297.0	127.0	51.0	112.0	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



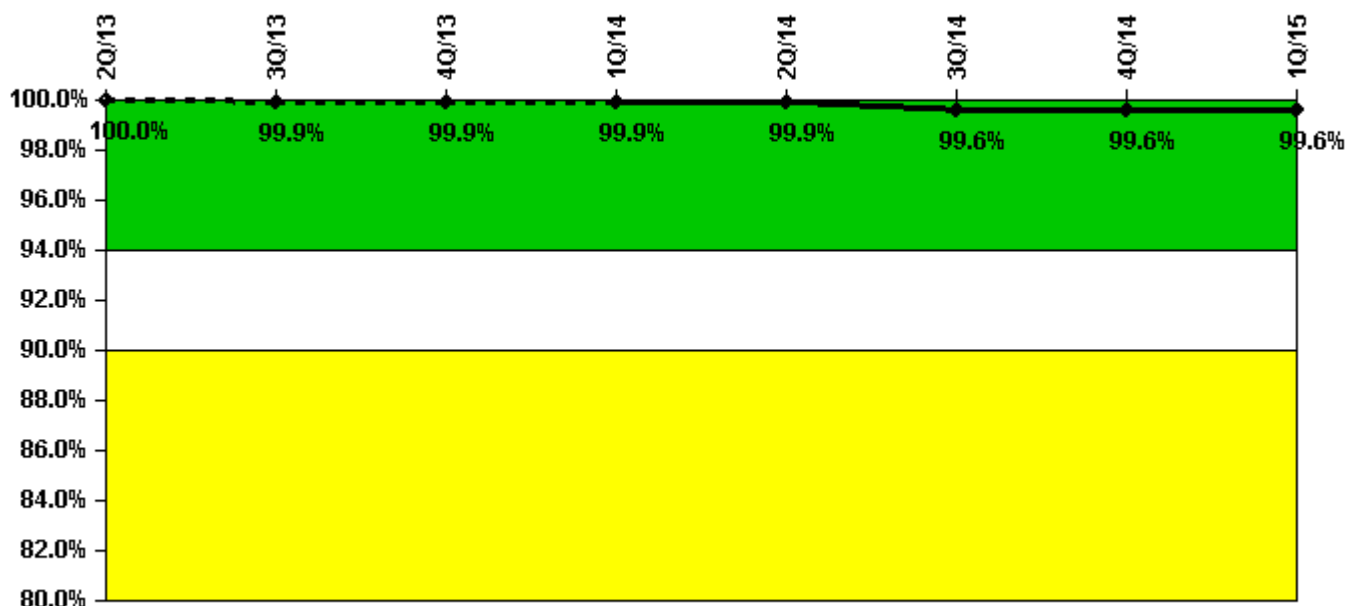
Thresholds: White < 80.0% Yellow < 60.0%

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



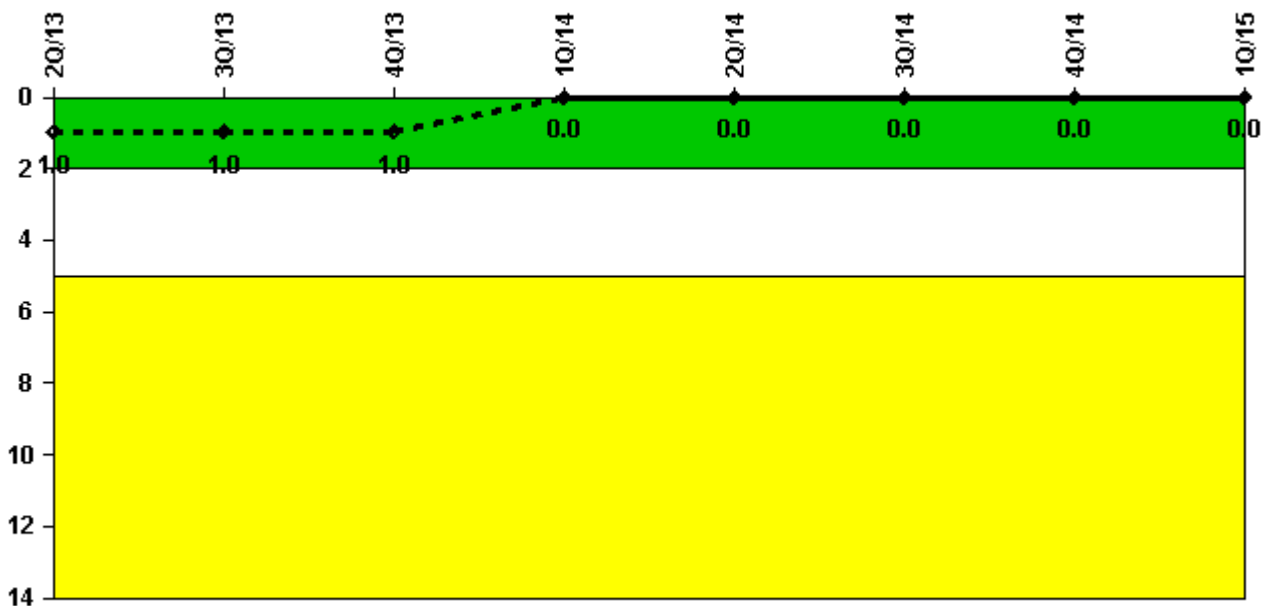
Thresholds: White < 94.0% Yellow < 90.0%

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



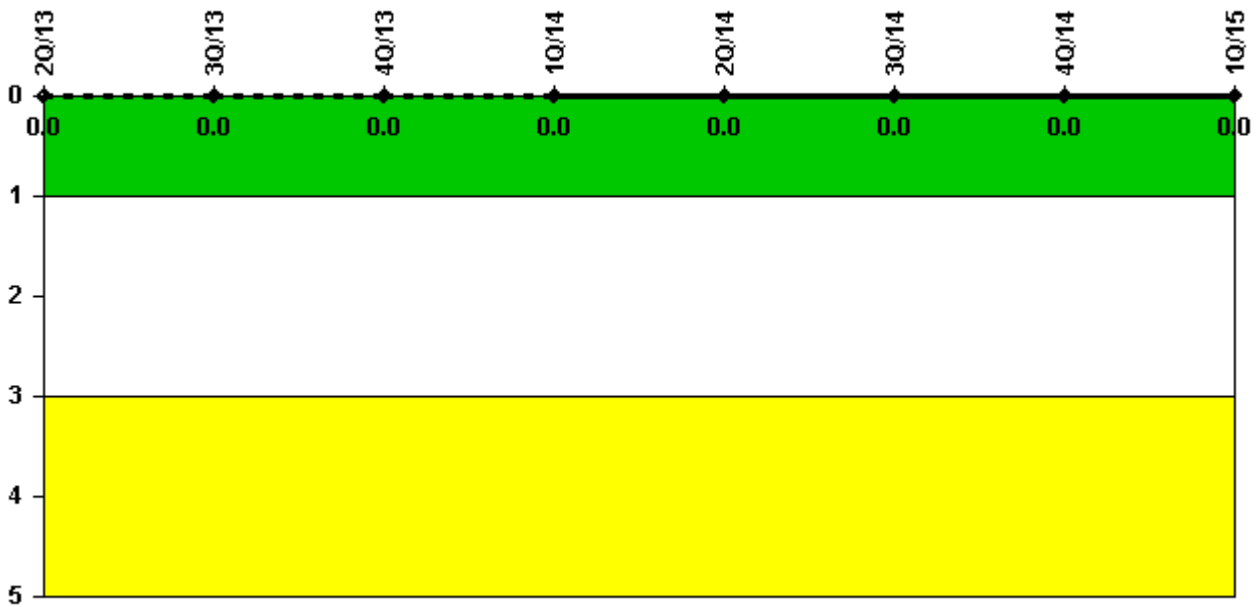
Thresholds: White > 2.0 Yellow > 5.0

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	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, 2015