

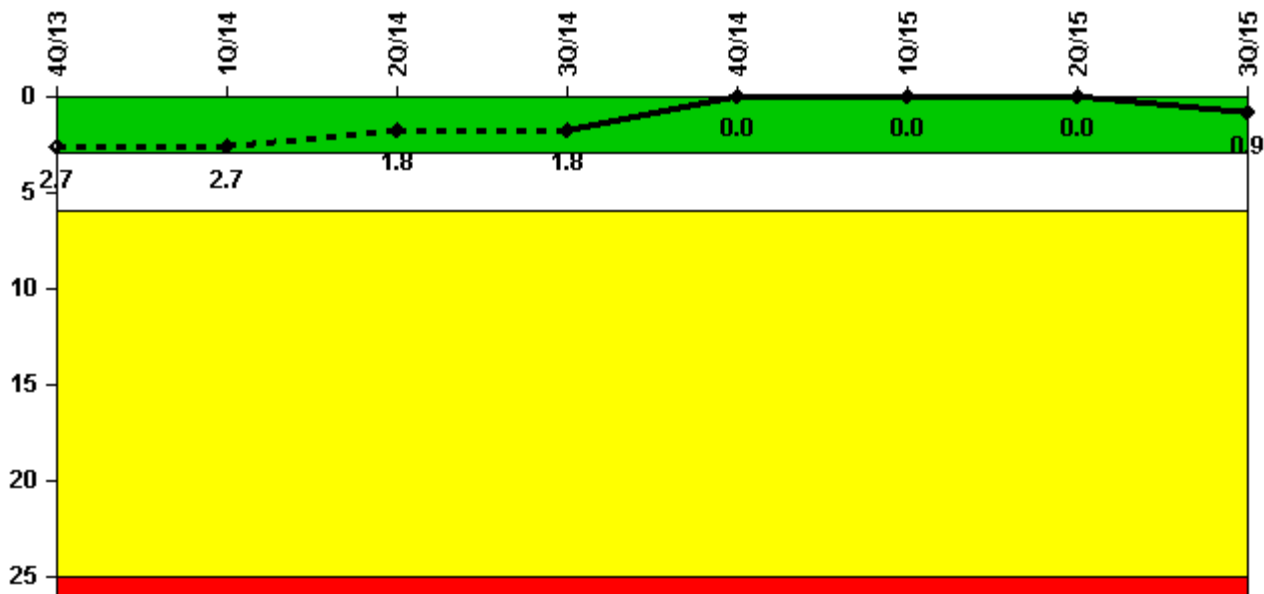
Hope Creek 1

3Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



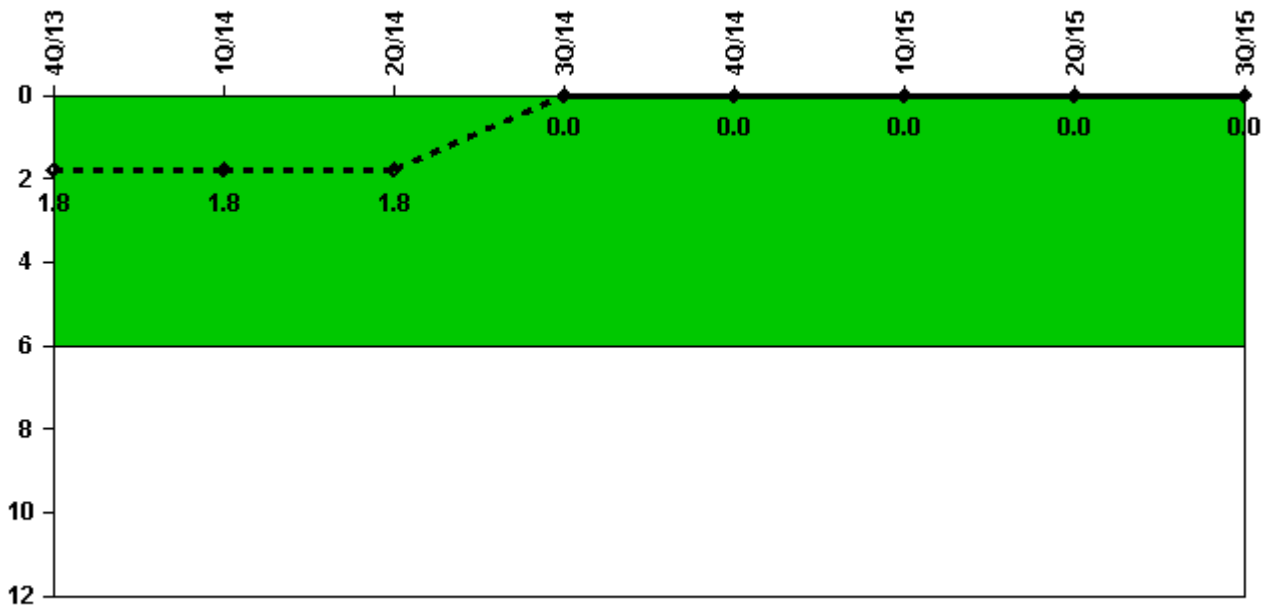
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Unplanned scrams	2.0	0	0	0	0	0	0	1.0
Critical hours	1382.8	2159.0	2184.0	2102.8	2209.0	2159.0	1500.7	2167.1
Indicator value	2.7	2.7	1.8	1.8	0	0	0	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



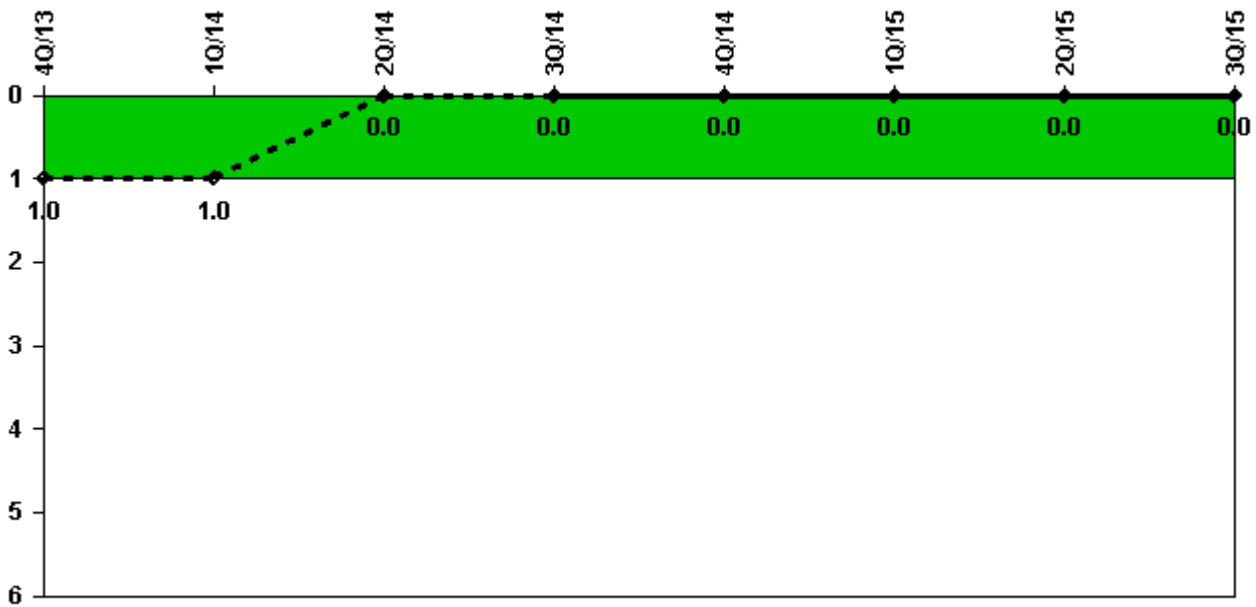
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	1382.8	2159.0	2184.0	2102.8	2209.0	2159.0	1500.7	2167.1
Indicator value	1.8	1.8	1.8	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



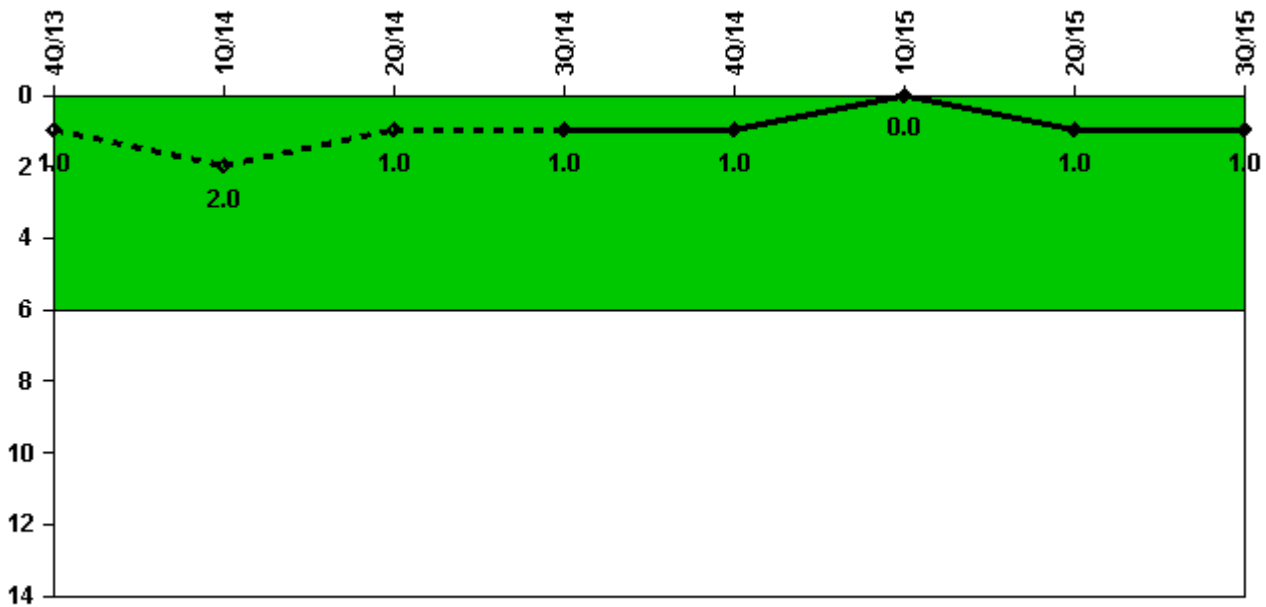
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (BWR)



Thresholds: White > 6.0

Notes

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

Licensee Comments:

2Q/15: LER 2015-001-00 "Conditions Prohibited by Technical Specifications Due to Core Spray Inoperabilities" submitted on 5/29/15 reported a SSFF.

1Q/14: LER 2013-010-00 Loss of both Control Room Chillers submitted February 18, 2014.

Mitigating Systems Performance Index, Emergency AC Power System



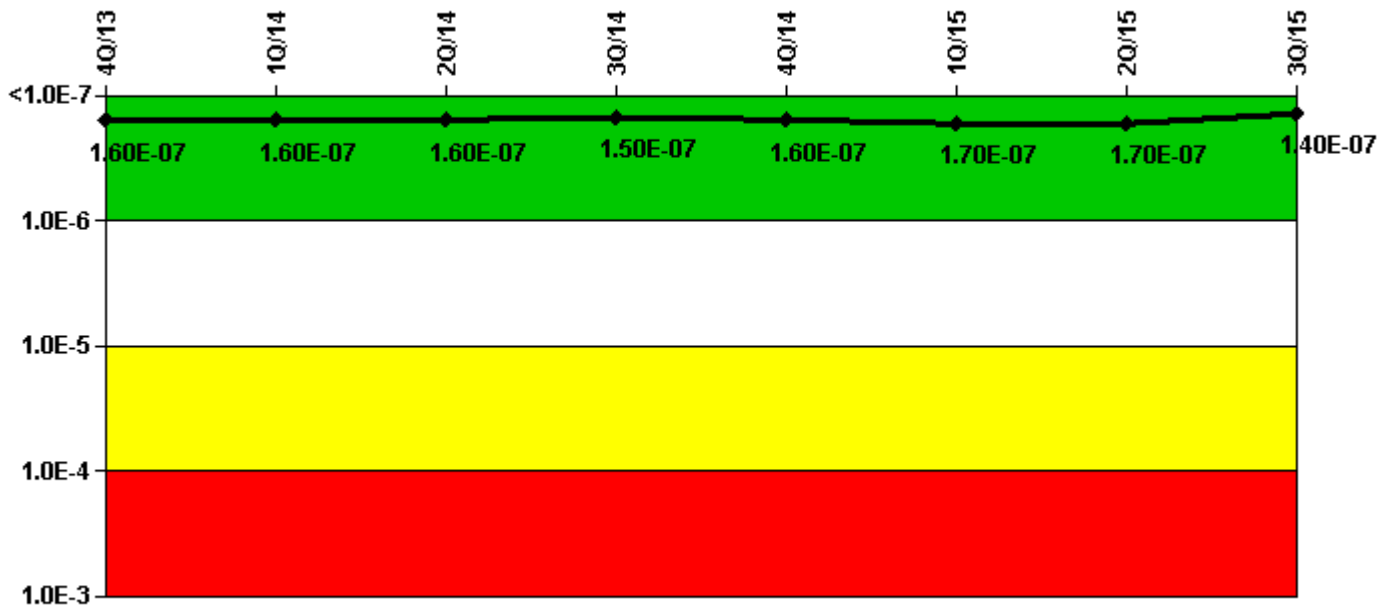
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
UAI (Δ CDF)	3.42E-09	5.81E-09	1.46E-08	7.75E-09	3.80E-09	6.36E-09	1.59E-08	5.88E-10
URI (Δ CDF)	-2.03E-08	-1.59E-08	-1.27E-08	-1.37E-07	-1.35E-07	-1.37E-07	-1.37E-07	-6.58E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.70E-08	-1.00E-08	1.90E-09	-1.30E-07	-1.30E-07	-1.30E-07	-1.20E-07	-6.50E-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	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
UAI (Δ CDF)	-3.03E-08	-3.03E-08	-3.03E-08	-3.03E-08	-3.03E-08	-3.03E-08	-3.02E-08	-3.36E-08
URI (Δ CDF)	1.91E-07	1.92E-07	1.86E-07	1.85E-07	1.85E-07	2.03E-07	2.03E-07	1.69E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.60E-07	1.60E-07	1.60E-07	1.50E-07	1.60E-07	1.70E-07	1.70E-07	1.40E-07

Licensee Comments:

4Q/13: April event under ICES report 305385 is now being counted as a failure to start until FAQ is resolved. No color change occurred for this PI; it remains GREEN.

Mitigating Systems Performance Index, Heat Removal System



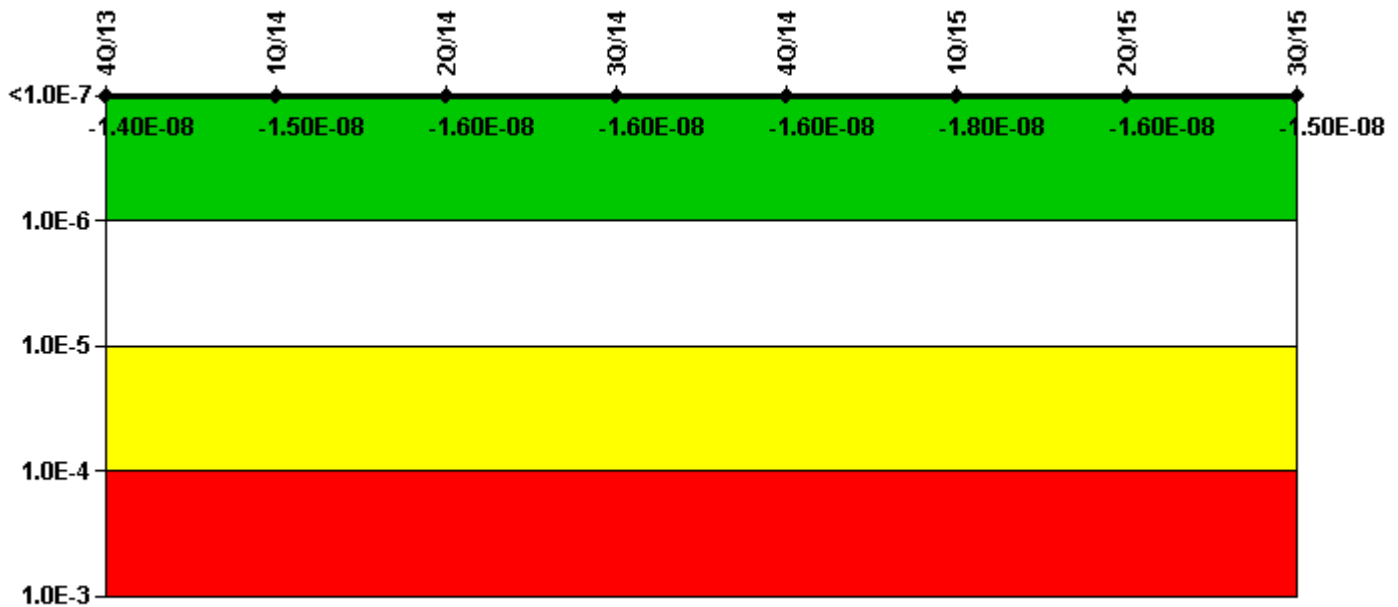
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
UAI (Δ CDF)	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-8.22E-09	-8.05E-09	-8.04E-09
URI (Δ CDF)	-3.23E-08	-3.45E-08	-3.44E-08	-3.44E-08	-3.43E-08	-3.44E-08	6.01E-08	6.23E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.40E-08	-4.60E-08	-4.60E-08	-4.60E-08	-4.60E-08	-4.30E-08	5.20E-08	5.40E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



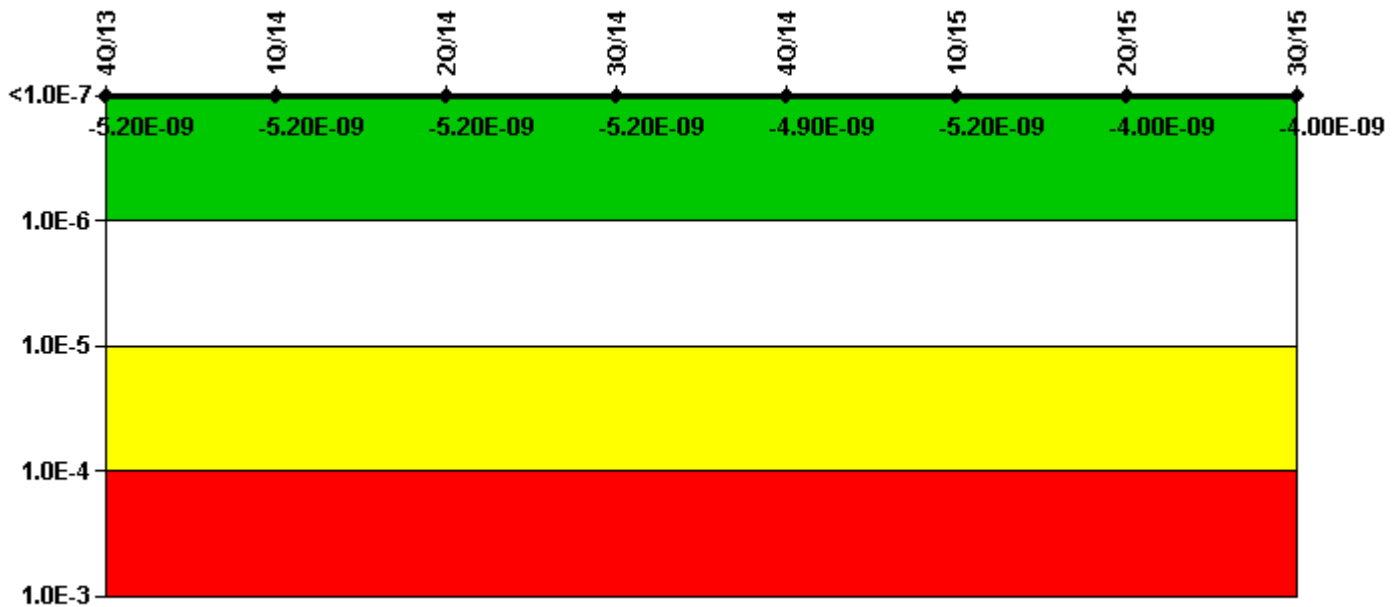
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
UAI (Δ CDF)	-3.43E-09	-3.43E-09	-3.43E-09	-1.45E-09	-1.10E-09	-3.43E-09	-5.36E-10	3.32E-10
URI (Δ CDF)	-1.09E-08	-1.11E-08	-1.24E-08	-1.46E-08	-1.46E-08	-1.47E-08	-1.50E-08	-1.57E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.40E-08	-1.50E-08	-1.60E-08	-1.60E-08	-1.60E-08	-1.80E-08	-1.60E-08	-1.50E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



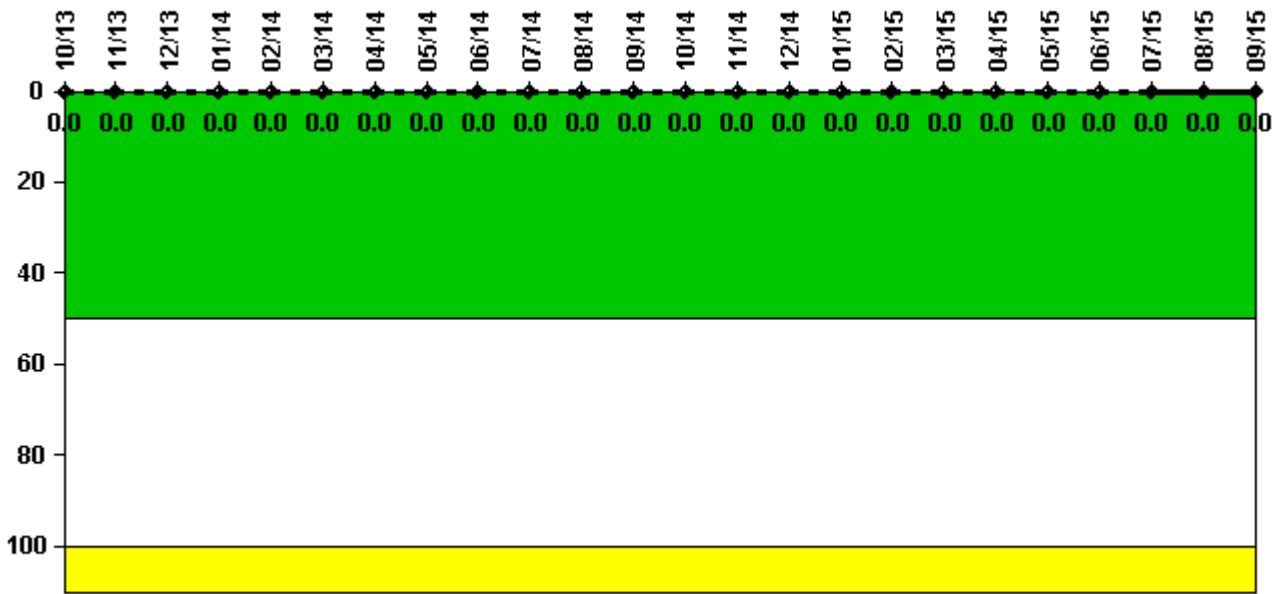
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
UAI (Δ CDF)	-3.71E-09	-3.75E-09	-3.80E-09	-3.81E-09	-3.52E-09	-3.84E-09	-2.58E-09	-2.58E-09
URI (Δ CDF)	-1.48E-09	-1.48E-09	-1.42E-09	-1.41E-09	-1.40E-09	-1.39E-09	-1.41E-09	-1.42E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.20E-09	-5.20E-09	-5.20E-09	-5.20E-09	-4.90E-09	-5.20E-09	-4.00E-09	-4.00E-09

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

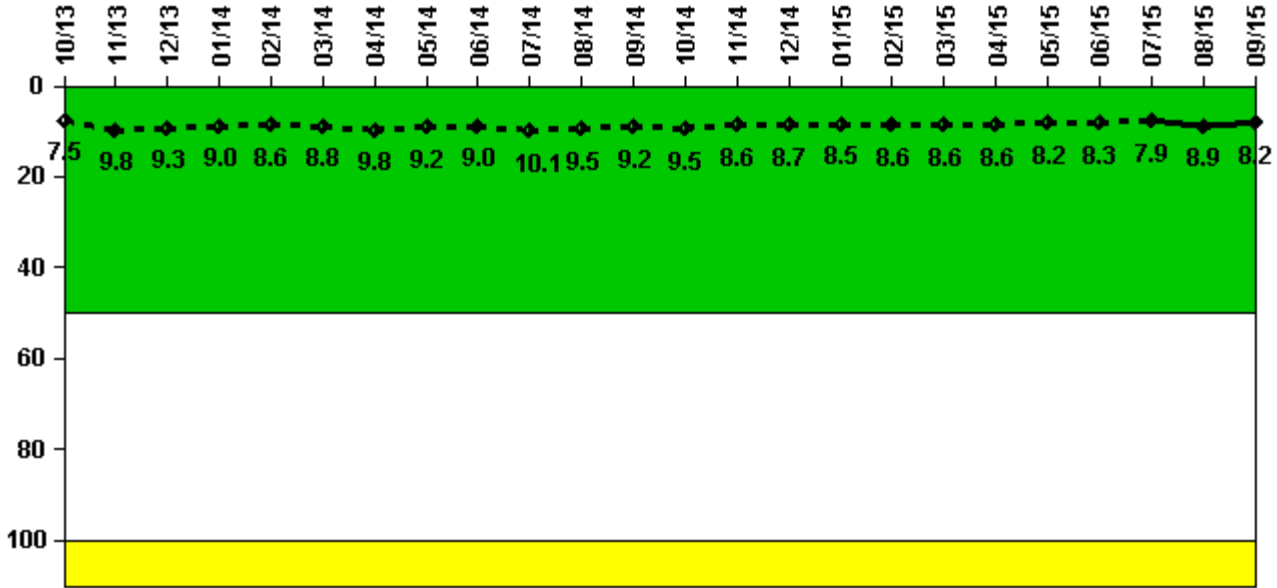
Notes

Reactor Coolant System Activity	10/13	11/13	12/13	1/14	2/14	3/14	4/14	5/14	6/14	7/14	8/14	9/14
Maximum activity	0.000041	0.000039	0.000042	0.000061	0.000043	0.000044	0.000037	0.000039	0.000035	0.000038	0.000036	0.000038
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	10/14	11/14	12/14	1/15	2/15	3/15	4/15	5/15	6/15	7/15	8/15	9/15
Maximum activity	0.000037	0.000038	0.000043	0.000062	0.000039	0.000052	0.000040	0.000025	0.000025	0.000029	0.000026	0.000028
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



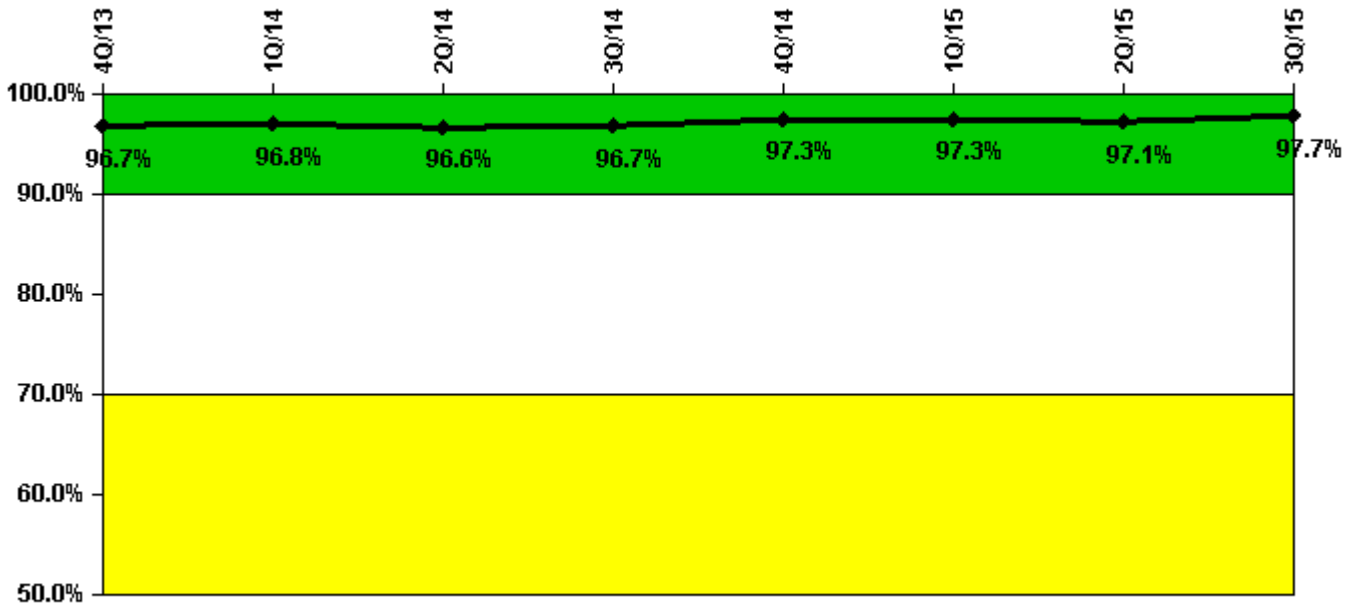
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/13	11/13	12/13	1/14	2/14	3/14	4/14	5/14	6/14	7/14	8/14	9/14
Maximum leakage	1.870	2.460	2.330	2.250	2.160	2.200	2.450	2.300	2.250	2.530	2.370	2.290
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	7.5	9.8	9.3	9.0	8.6	8.8	9.8	9.2	9.0	10.1	9.5	9.2
Reactor Coolant System Leakage	10/14	11/14	12/14	1/15	2/15	3/15	4/15	5/15	6/15	7/15	8/15	9/15
Maximum leakage	2.370	2.150	2.170	2.120	2.160	2.140	2.140	2.040	2.080	1.970	2.220	2.050
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	9.5	8.6	8.7	8.5	8.6	8.6	8.6	8.2	8.3	7.9	8.9	8.2

Licensee Comments: none

Drill/Exercise Performance



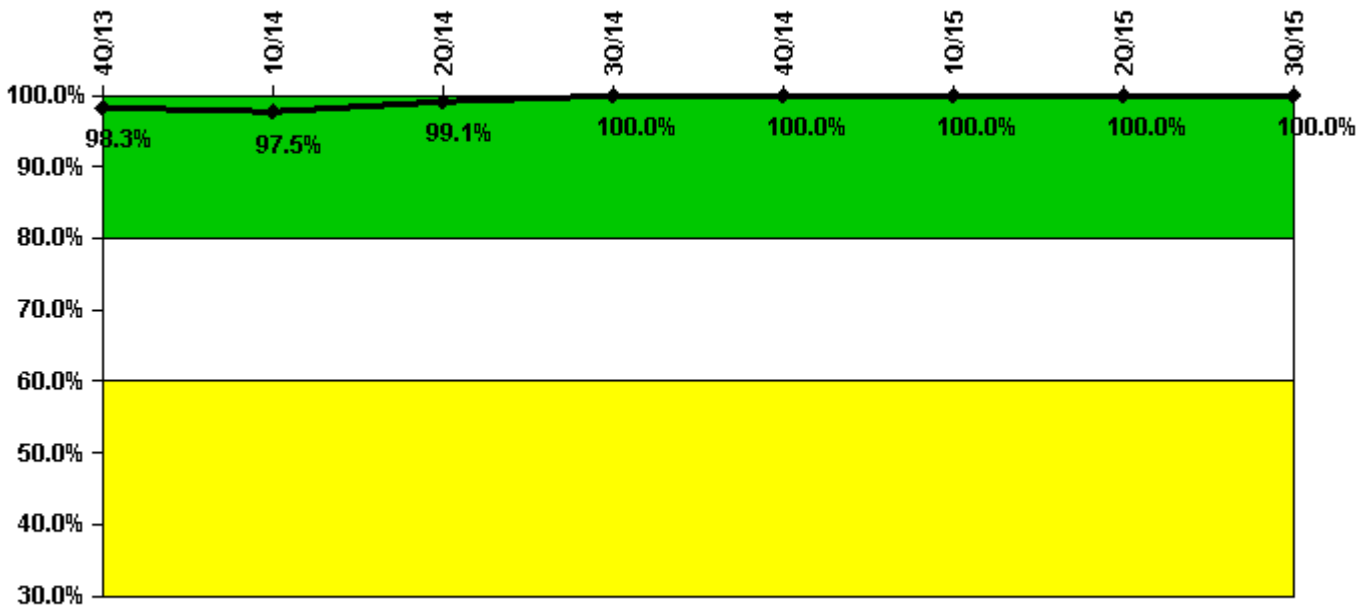
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Successful opportunities	29.0	41.0	34.0	58.0	27.0	34.0	29.0	41.0
Total opportunities	30.0	42.0	35.0	59.0	27.0	36.0	30.0	41.0
Indicator value	96.7%	96.8%	96.6%	96.7%	97.3%	97.3%	97.1%	97.7%

Licensee Comments: none

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

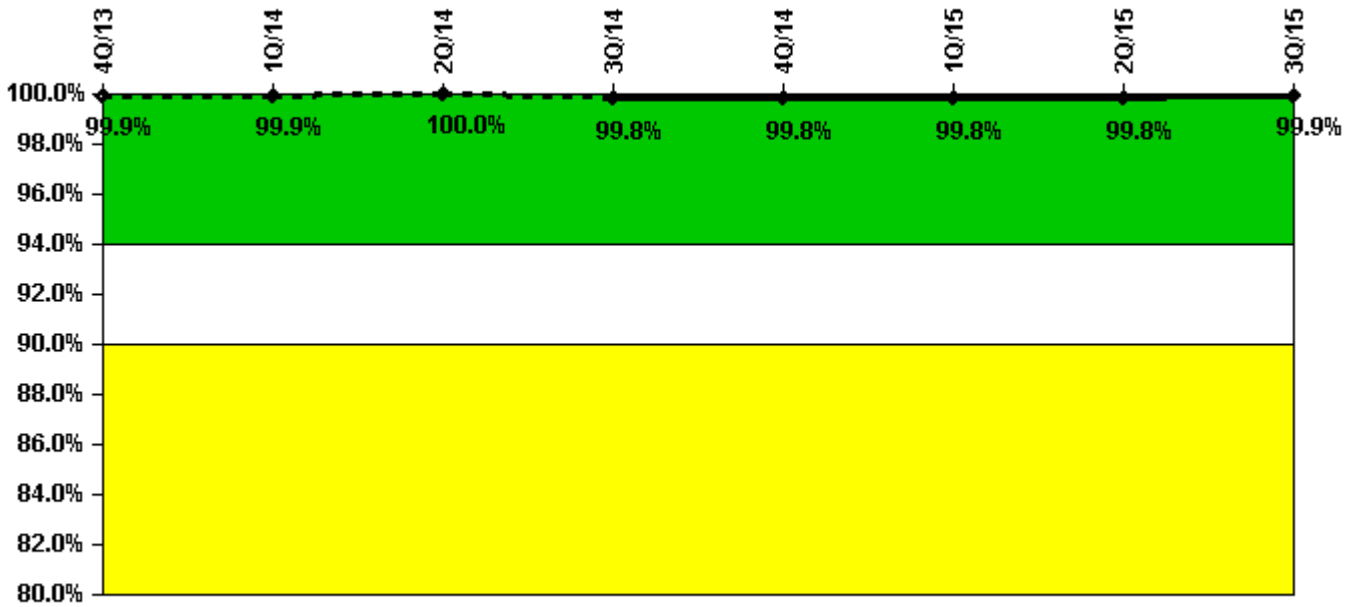
Notes

ERO Drill Participation	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Participating Key personnel	116.0	117.0	111.0	116.0	120.0	116.0	119.0	125.0
Total Key personnel	118.0	120.0	112.0	116.0	120.0	116.0	119.0	125.0
Indicator value	98.3%	97.5%	99.1%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments:

4Q/13: As a result of a Focused Area Self Assessment the number of Participating Key Personnel was corrected/reduced by 2. After review it was determined that two individuals did not participate in a Performance Enhancing Experience. Result of correction did not significantly impact overall performance percentage. No change in color. Notification 20643482 initiated in Corrective Action Program.

Alert & Notification System



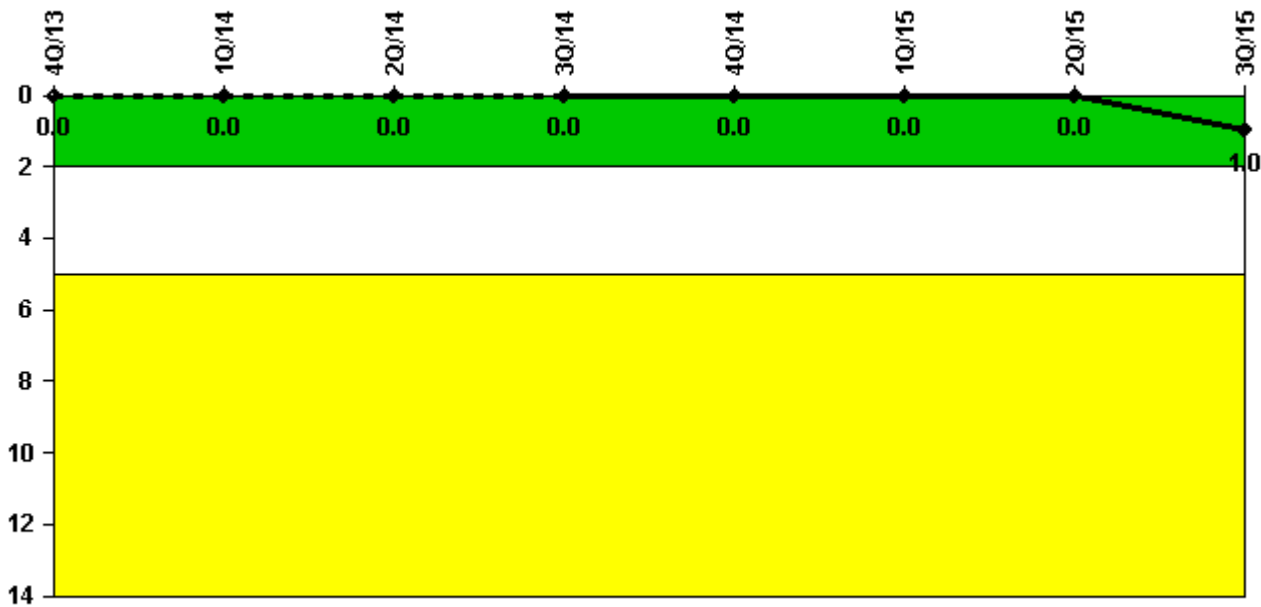
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Successful siren-tests	497	497	497	494	497	497	497	496
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	99.9%	99.9%	100.0%	99.8%	99.8%	99.8%	99.8%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
High radiation area occurrences	0	0	0	0	0	0	0	1
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	1

Licensee Comments:

3Q/15: 2015-09 High Radiation Area Occurrence - An operator entered a high radiation area without signing on to the proper radiation work permit, without obtaining a proper radiation protection brief, and without the proper instrumentation.

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/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: December 15, 2015