

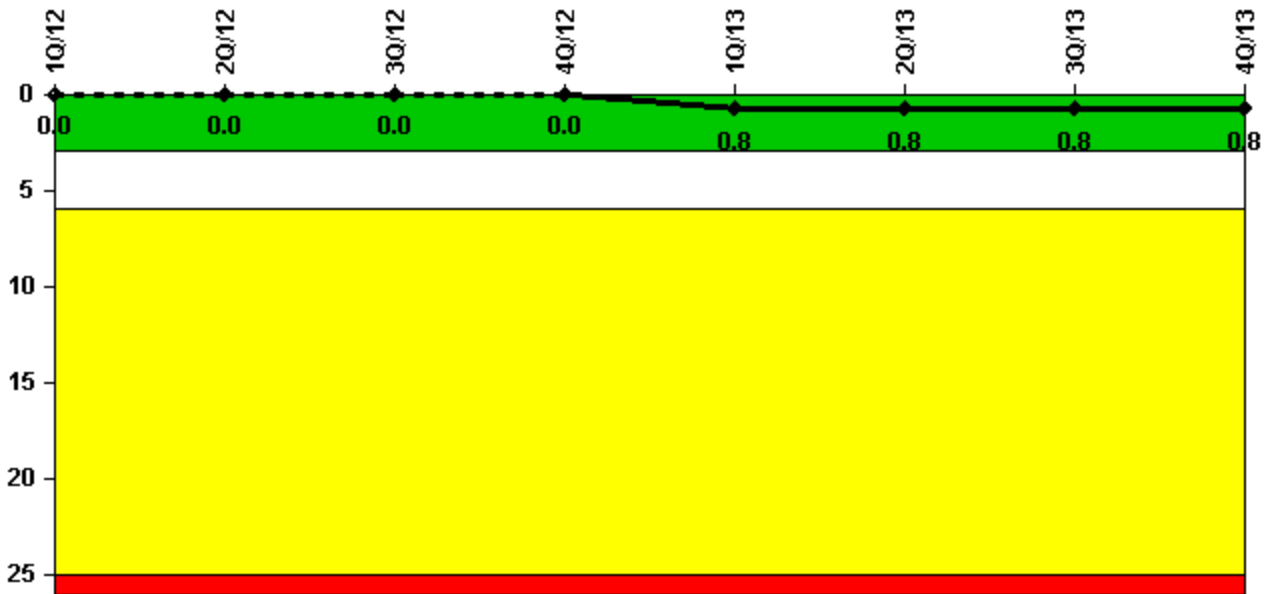
Hatch 1

4Q/2013 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



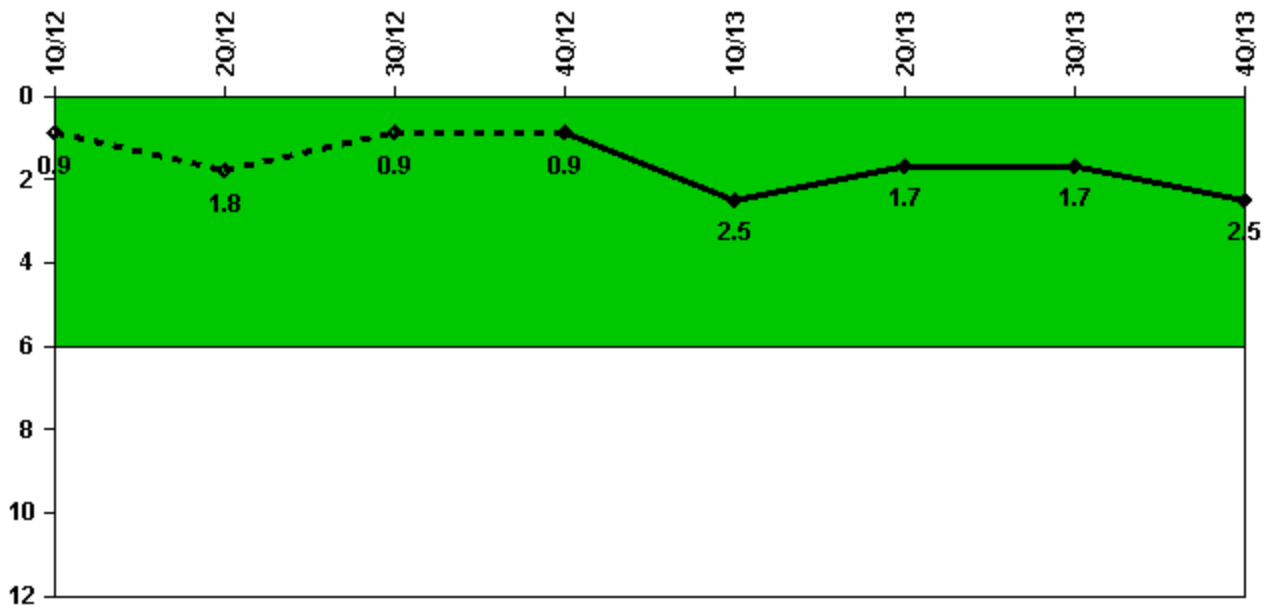
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0
Critical hours	1342.3	2184.0	2208.0	2209.0	1790.9	2184.0	2208.0	2129.3
Indicator value	0	0	0	0	0.8	0.8	0.8	0.8

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



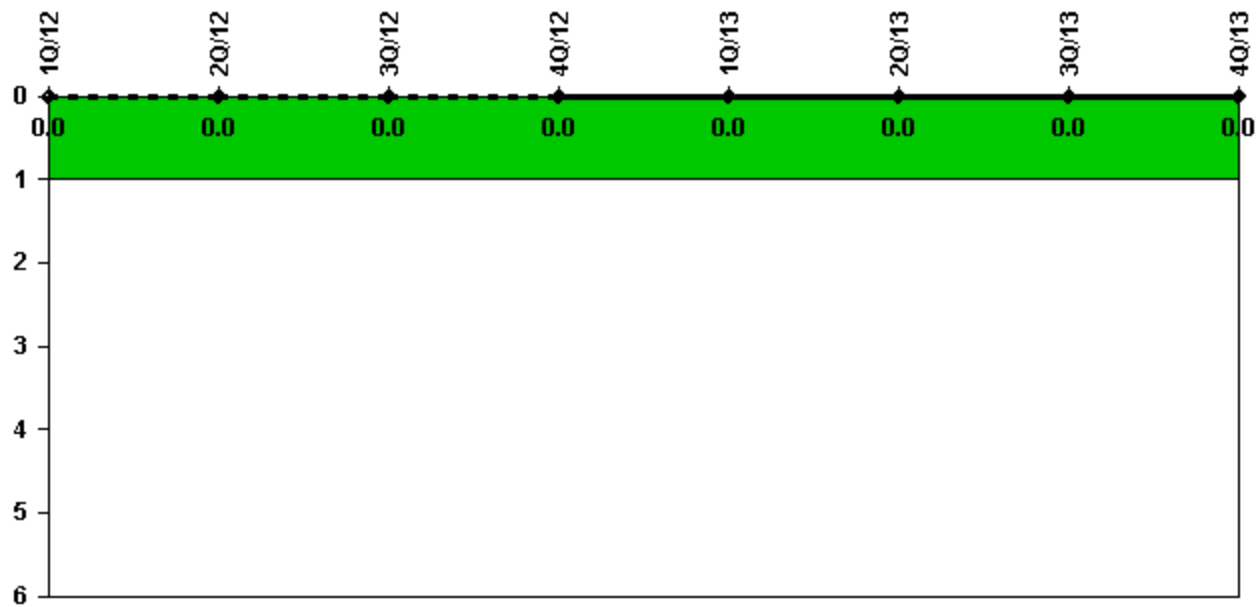
Thresholds: White > 6.0

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	1.0	0	0	2.0	0	0	1.0
Critical hours	1342.3	2184.0	2208.0	2209.0	1790.9	2184.0	2208.0	2129.3
Indicator value	0.9	1.8	0.9	0.9	2.5	1.7	1.7	2.5

Licensee Comments: none

Unplanned Scrams with Complications



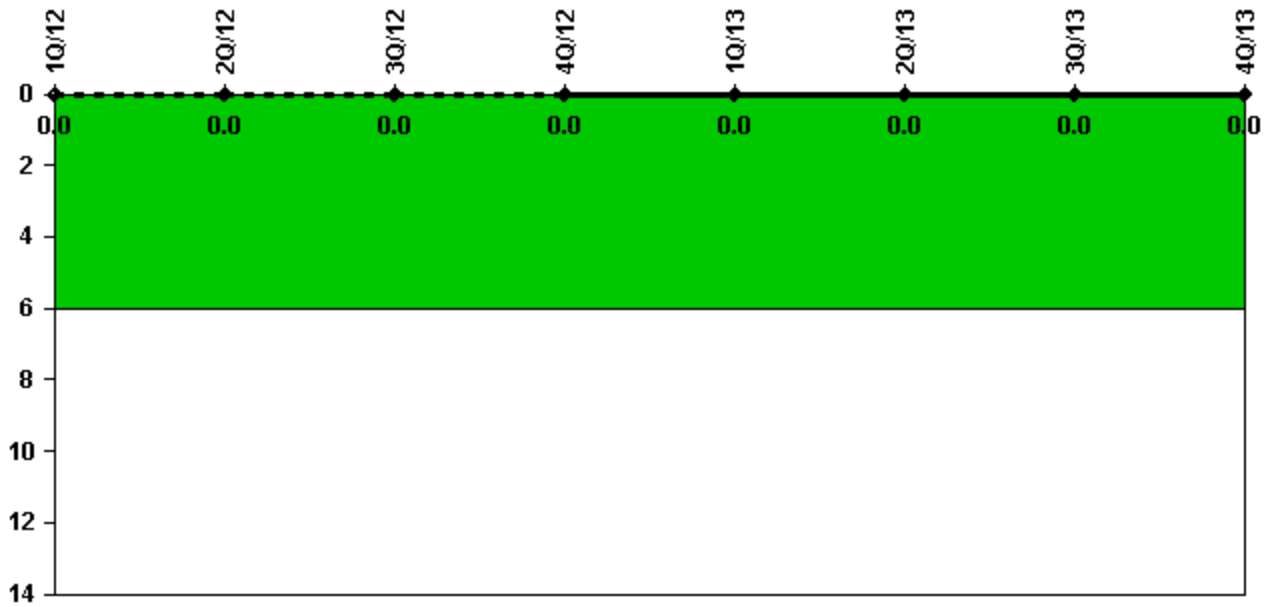
Thresholds: White > 1.0

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	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 (BWR)



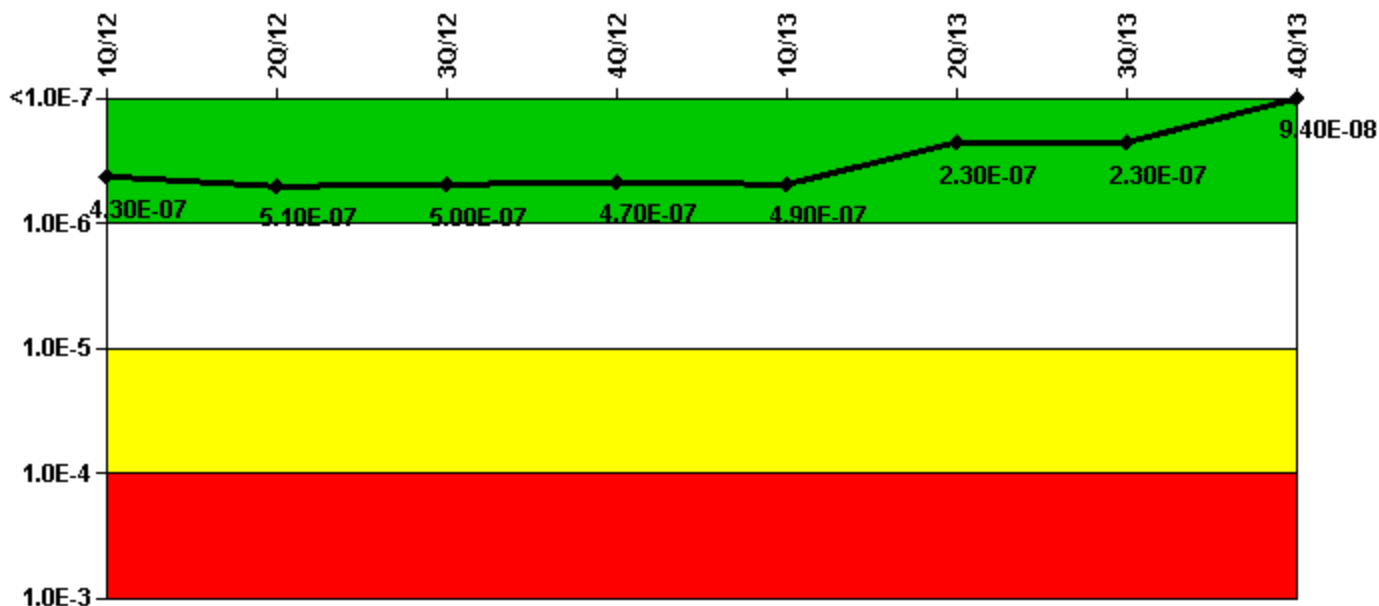
Thresholds: White > 6.0

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	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



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

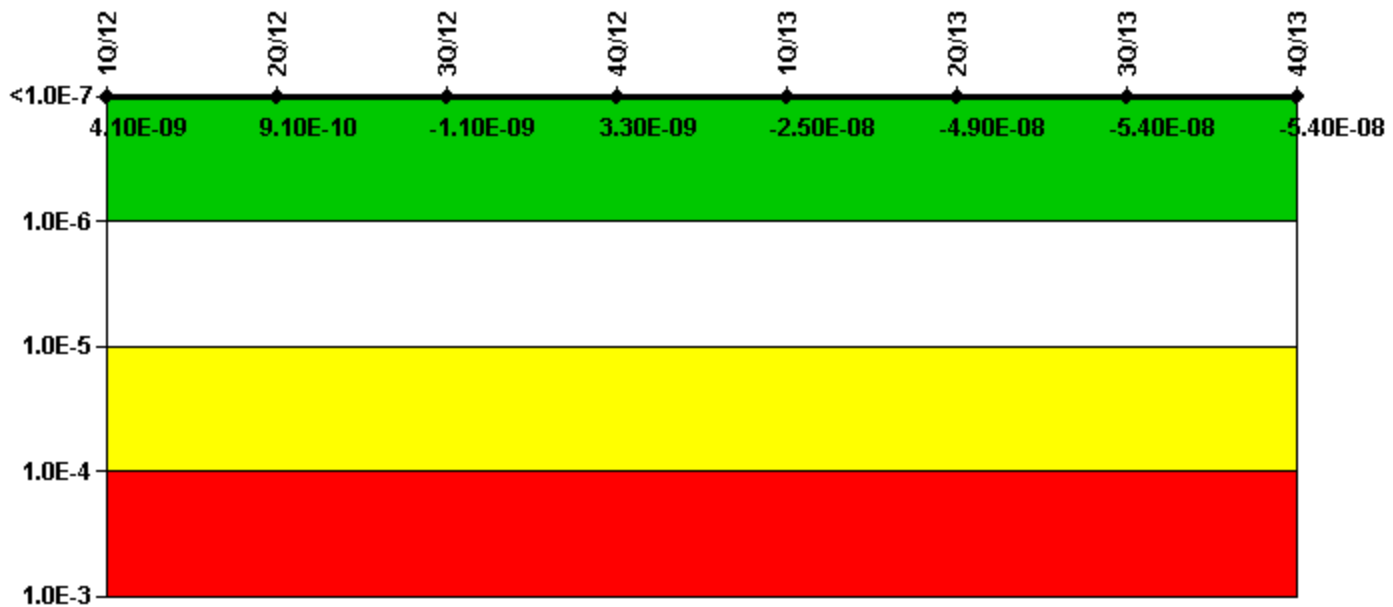
Notes

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)	1.43E-07	2.28E-07	2.02E-07	1.68E-07	1.69E-07	9.72E-08	8.68E-08	1.25E-07
URI (Δ CDF)	2.85E-07	2.86E-07	2.94E-07	2.98E-07	3.19E-07	1.34E-07	1.46E-07	-3.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.30E-07	5.10E-07	5.00E-07	4.70E-07	4.90E-07	2.30E-07	2.30E-07	9.40E-08

Licensee Comments:

1Q/12: 1C LOCA/LOSP LSFT Test - U1 in Mode 5 - 1C DG tripped locally. CR 421971 was generated to document failure. 1C EDG output breaker failed to close.

Mitigating Systems Performance Index, High Pressure Injection System



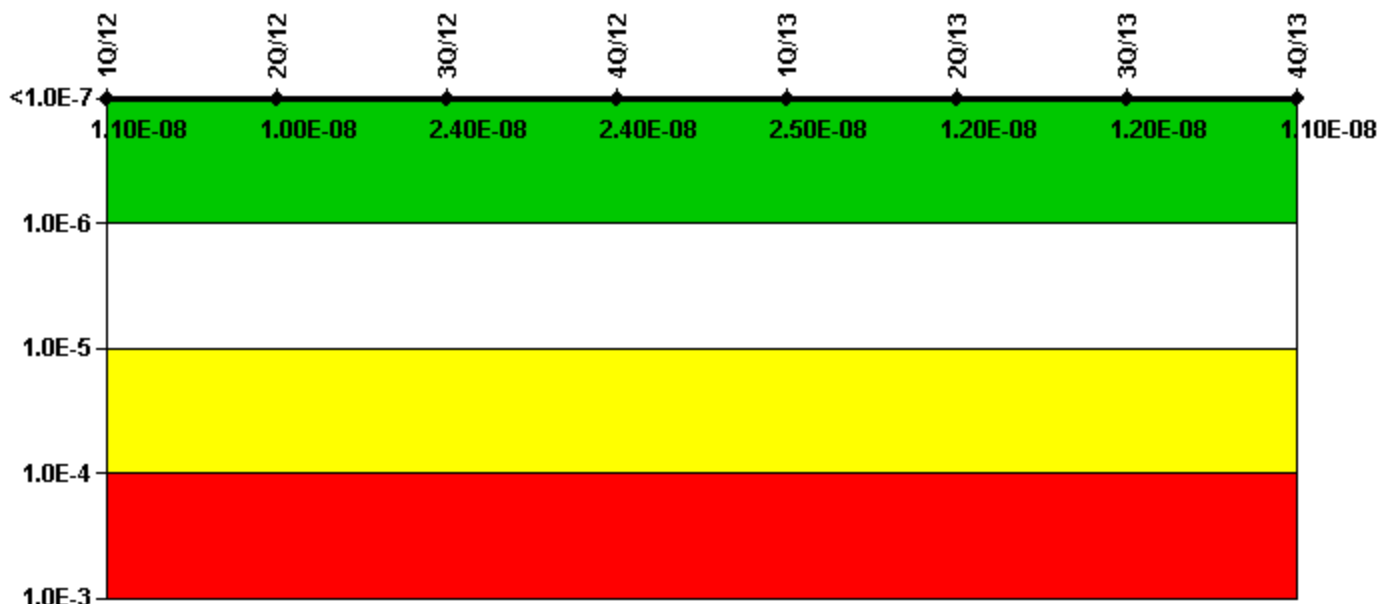
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	4.38E-08	4.17E-08	3.96E-08	4.40E-08	1.01E-08	-1.75E-08	-2.24E-08	-2.11E-08
URI (Δ CDF)	-3.97E-08	-4.08E-08	-4.07E-08	-4.07E-08	-3.55E-08	-3.14E-08	-3.15E-08	-3.29E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.10E-09	9.10E-10	-1.10E-09	3.30E-09	-2.50E-08	-4.90E-08	-5.40E-08	-5.40E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



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

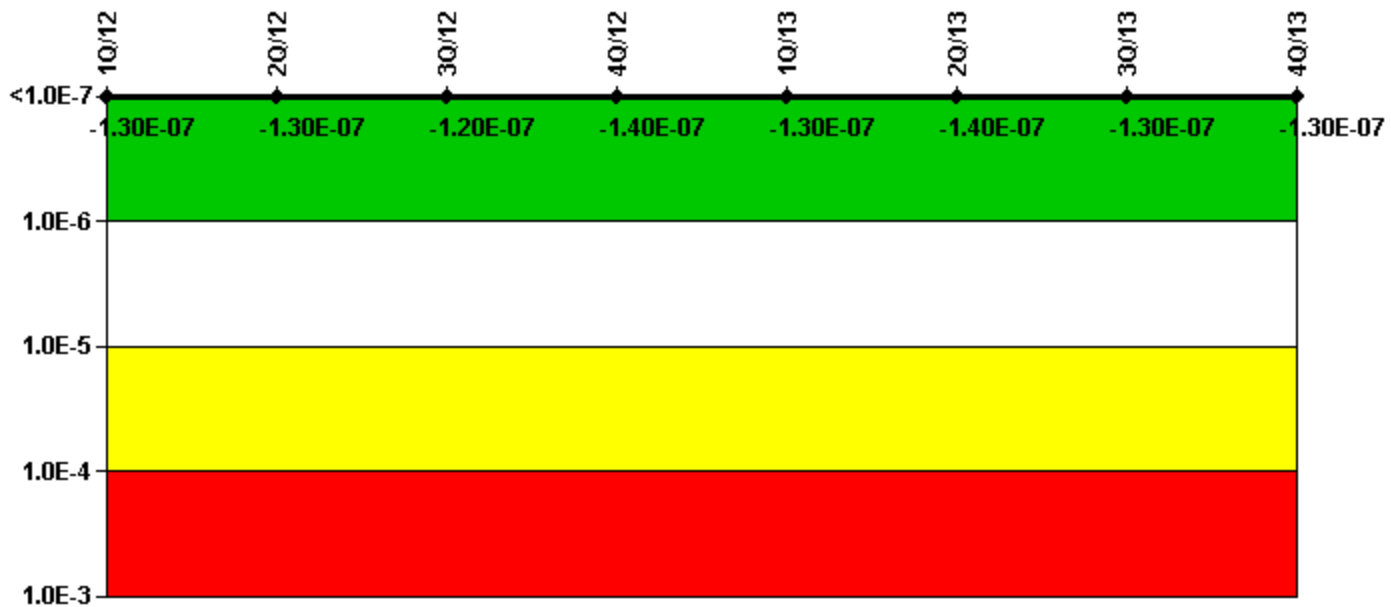
Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
UAI (Δ CDF)	1.09E-08	1.04E-08	2.44E-08	2.52E-08	2.41E-08	1.04E-08	1.03E-08	9.96E-09
URI (Δ CDF)	4.01E-11	4.00E-11	-7.96E-10	-7.50E-10	6.17E-10	1.48E-09	1.53E-09	1.48E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.10E-08	1.00E-08	2.40E-08	2.40E-08	2.50E-08	1.20E-08	1.20E-08	1.10E-08

Licensee Comments:

1Q/12: CR 426064 was generated to document the 1E51F019 valve failing to open. U1 RCIC unavailability was due to troubleshooting the 1E51F019 valve. Also, CR403998 is under evaluation to determine if an MSPI failure of the 1E51F019 valve occurred.

Mitigating Systems Performance Index, Residual Heat Removal System



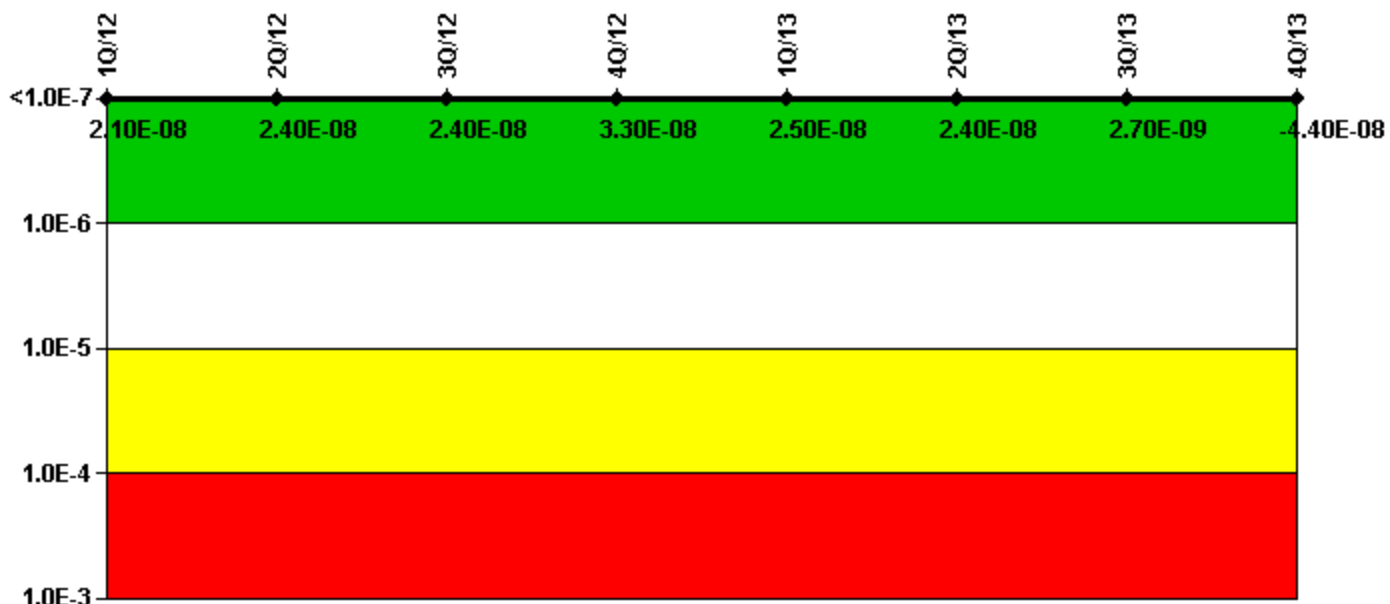
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	-8.28E-09	-8.99E-09	2.58E-09	-1.02E-08	-1.10E-08	-1.88E-08	-4.08E-09	-4.52E-09
URI (Δ CDF)	-1.26E-07	-1.20E-07	-1.21E-07	-1.26E-07	-1.23E-07	-1.20E-07	-1.23E-07	-1.27E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.30E-07	-1.30E-07	-1.20E-07	-1.40E-07	-1.30E-07	-1.40E-07	-1.30E-07	-1.30E-07

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



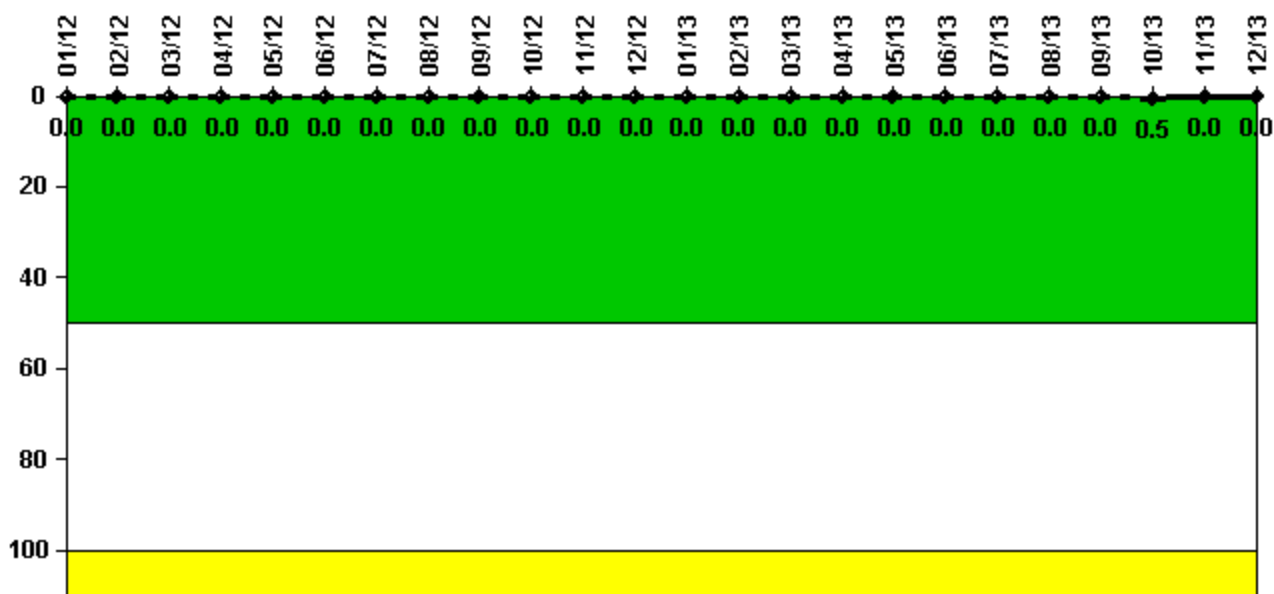
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
UAI (Δ CDF)	1.02E-07	1.02E-07	1.02E-07	1.13E-07	1.05E-07	1.05E-07	8.50E-08	4.20E-08
URI (Δ CDF)	-8.14E-08	-7.78E-08	-7.76E-08	-8.03E-08	-8.00E-08	-8.08E-08	-8.22E-08	-8.56E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.10E-08	2.40E-08	2.40E-08	3.30E-08	2.50E-08	2.40E-08	2.70E-09	4.40E-08

Licensee Comments: none

Reactor Coolant System Activity



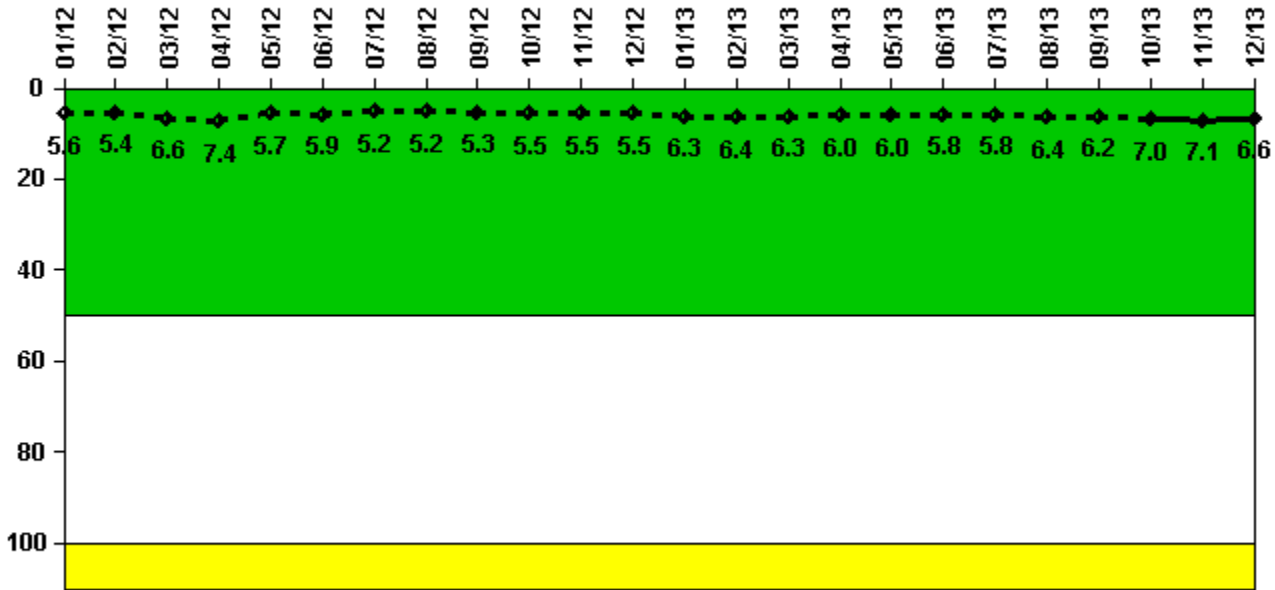
Thresholds: White > 50.0 Yellow > 100.0

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	0.000007	0.000004	0.000003	0.000006	0.000005	0.000004	0.000003	0.000003	0.000009	0.000003	0.000003	0.000003
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	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	0.000006	0.000002	0.000004	0.000005	0.000006	0.000008	0.000010	0.000020	0.000010	0.000948	0.000019	0.000023
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	0.5	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

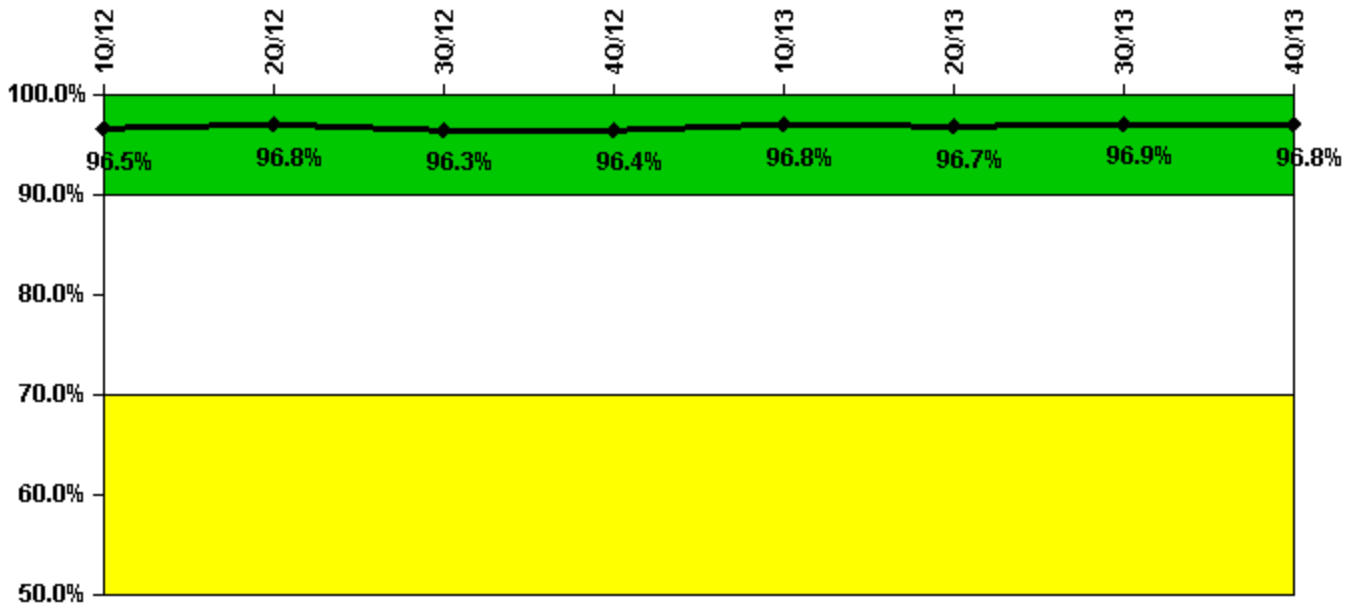
Notes

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	1.670	1.610	1.980	2.210	1.700	1.780	1.560	1.550	1.600	1.660	1.650	1.660
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	5.6	5.4	6.6	7.4	5.7	5.9	5.2	5.2	5.3	5.5	5.5	5.5

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	1.890	1.910	1.880	1.810	1.800	1.730	1.740	1.910	1.850	2.110	2.140	1.970
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	6.3	6.4	6.3	6.0	6.0	5.8	5.8	6.4	6.2	7.0	7.1	6.6

Licensee Comments: none

Drill/Exercise Performance



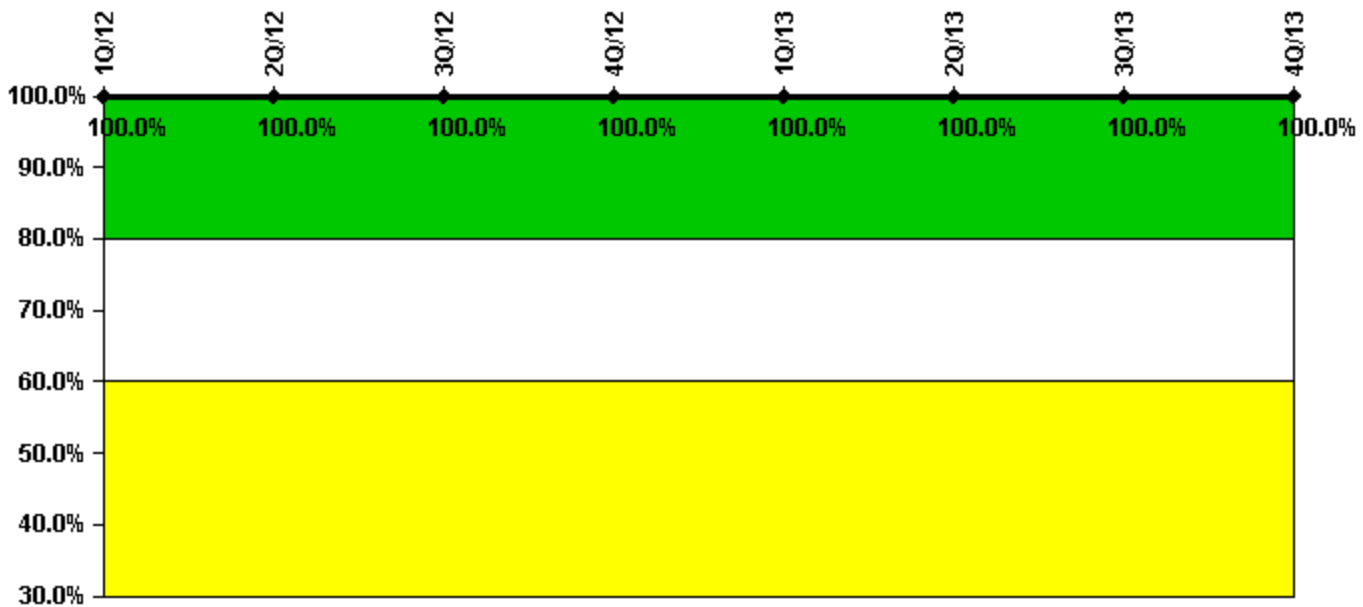
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Successful opportunities	10.0	70.0	61.0	14.0	40.0	51.0	42.0	47.0
Total opportunities	10.0	72.0	65.0	14.0	40.0	54.0	42.0	49.0
Indicator value	96.5%	96.8%	96.3%	96.4%	96.8%	96.7%	96.9%	96.8%

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	150.0	149.0	134.0	130.0	110.0	112.0	110.0	111.0
Total Key personnel	150.0	149.0	134.0	130.0	110.0	112.0	110.0	111.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System

**Not applicable due to
unique design
characteristics.
Performance in this area
will be assessed through
focused NRC inspection
efforts.**

Notes

Alert & Notification System	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Successful siren-tests								
Total sirens-tests								
Indicator value								

Licensee Comments:

4Q/13: Plant Hatch does not use sirens as an emergency notification system.

3Q/13: Plant Hatch does not use sirens as an emergency notification system.

2Q/13: Plant Hatch does not use sirens as an emergency notification system.

1Q/13: Plant Hatch does not use sirens as an emergency notification system.

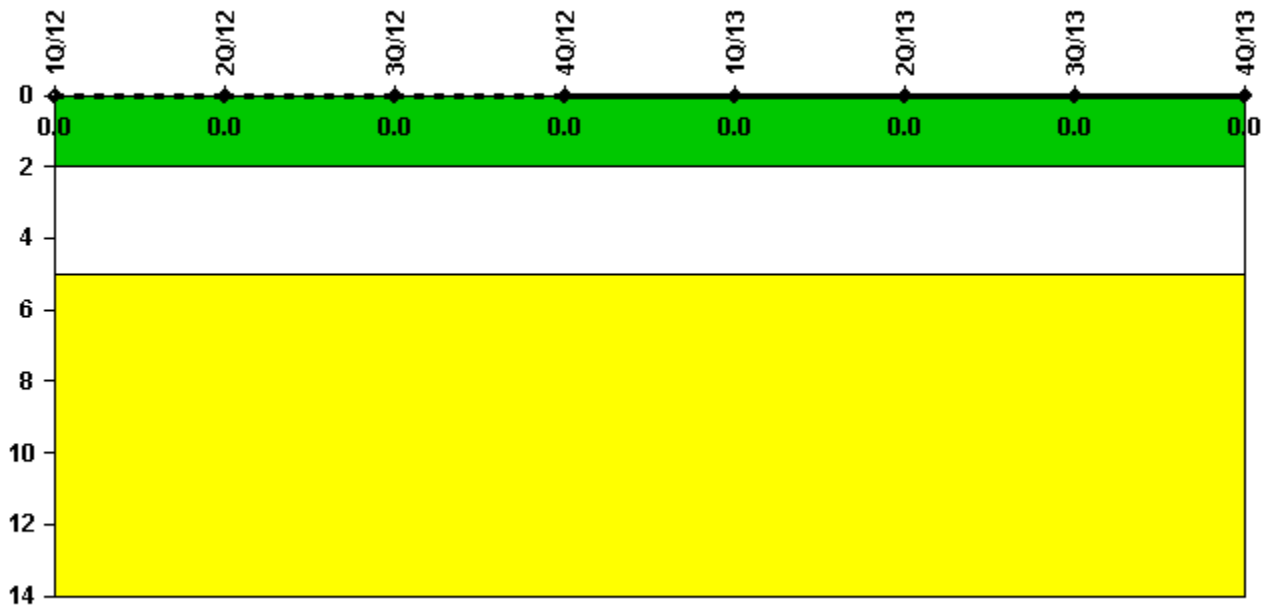
4Q/12: Plant Hatch does not use sirens as an emergency notification system.

3Q/12: Plant Hatch does not use sirens as an emergency notification system.

2Q/12: Plant Hatch does not use sirens as an emergency notification system.

1Q/12: Plant Hatch does not use sirens as an emergency notification system.

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	0	0	0	0	0	0	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	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: January 22, 2014