

Harris 1

1Q/2012 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



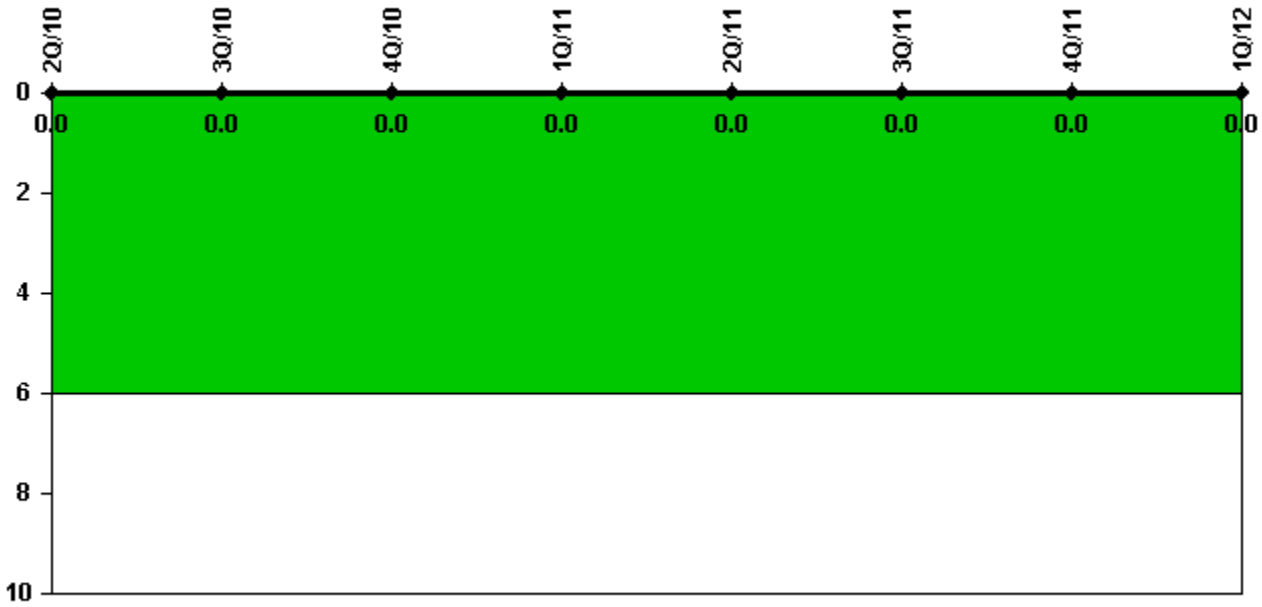
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2184.0	2208.0	1249.6	2159.0	2184.0	2208.0	2209.0	2183.0
Indicator value	0.8	0.8	0	0	0	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/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2184.0	2208.0	1249.6	2159.0	2184.0	2208.0	2209.0	2183.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



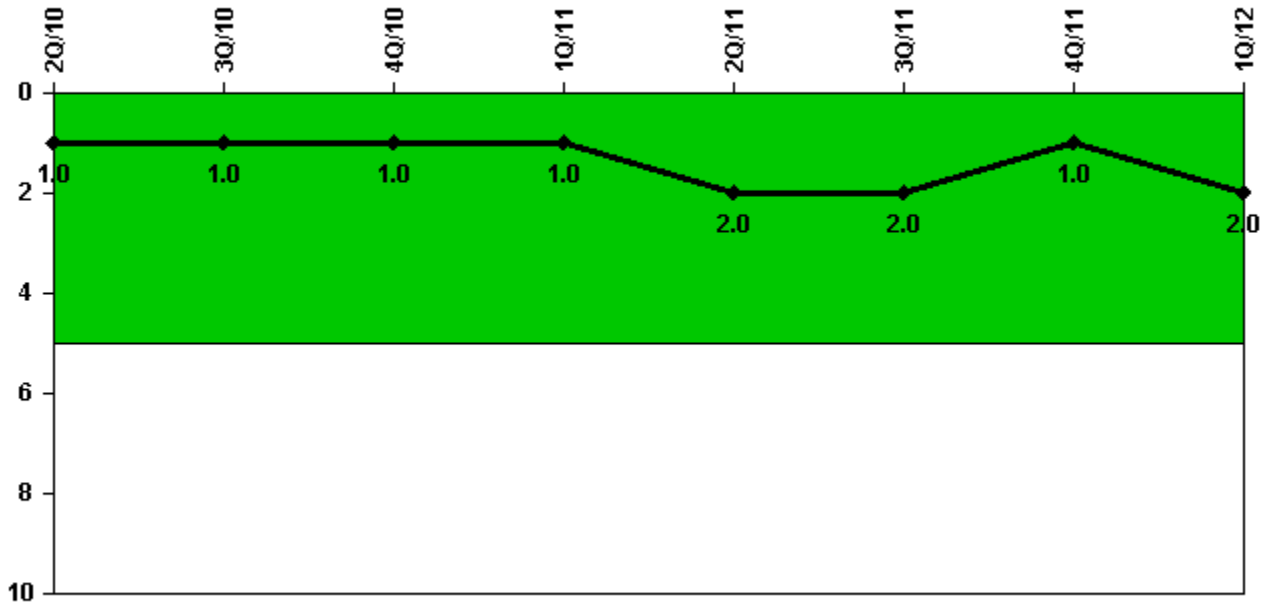
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
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/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Safety System Functional Failures	0	0	1	0	1	0	0	1
Indicator value	1	1	1	1	2	2	1	2

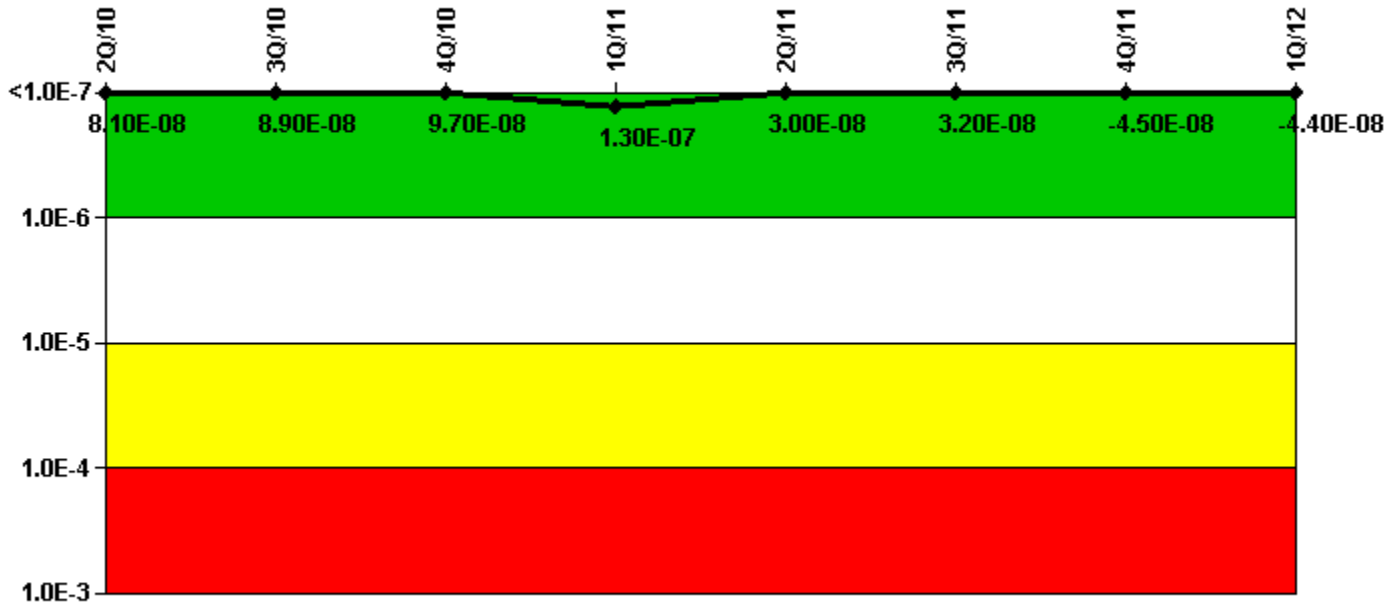
Licensee Comments:

1Q/12: One LER (2011-002-00) was submitted which describes an event in which the 1B-SB Emergency Diesel Generator was found to be inoperable because the engine may not have run for the entire seven day mission time due to drift of the speed setting.

2Q/11: LER 2010-002-01 was issued to supplement LER 2010-002-00 and describe a Main Steam Isolation Valve that failed to fully close during plant stabilization after a manual Rx trip.

4Q/10: Loss of Safety Function due to both trains of ECCS inoperable longer than allowed by Tech Specs. LER 2010-005.

Mitigating Systems Performance Index, Emergency AC Power System



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

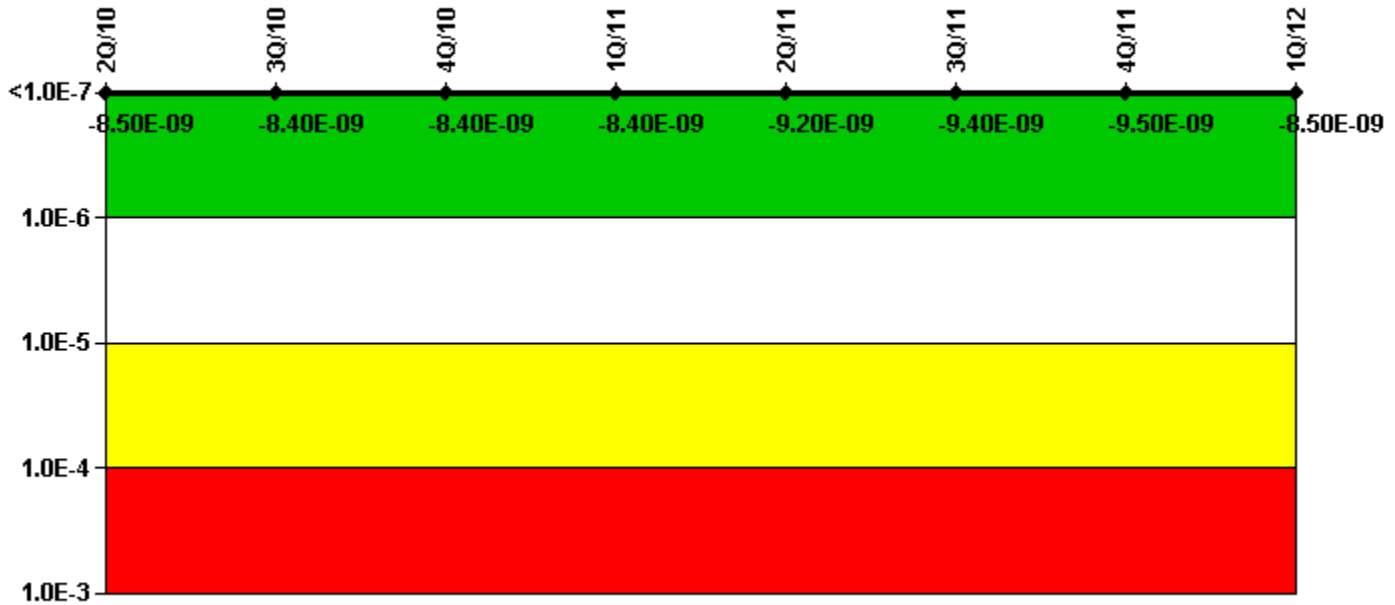
Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (Δ CDF)	2.48E-08	1.76E-08	2.50E-08	5.44E-08	9.27E-09	1.13E-08	8.40E-09	9.54E-09
URI (Δ CDF)	5.59E-08	7.19E-08	7.19E-08	7.19E-08	2.03E-08	2.03E-08	-5.36E-08	-5.33E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	8.10E-08	8.90E-08	9.70E-08	1.30E-07	3.00E-08	3.20E-08	-4.50E-08	-4.40E-08

Licensee Comments:

3Q/11: Corrected data has been submitted for EAC Planned unavailability for July 2010, March 2011, April 2011, May 2011, June 2011. No color change as a result of this updated data.

Mitigating Systems Performance Index, High Pressure Injection System



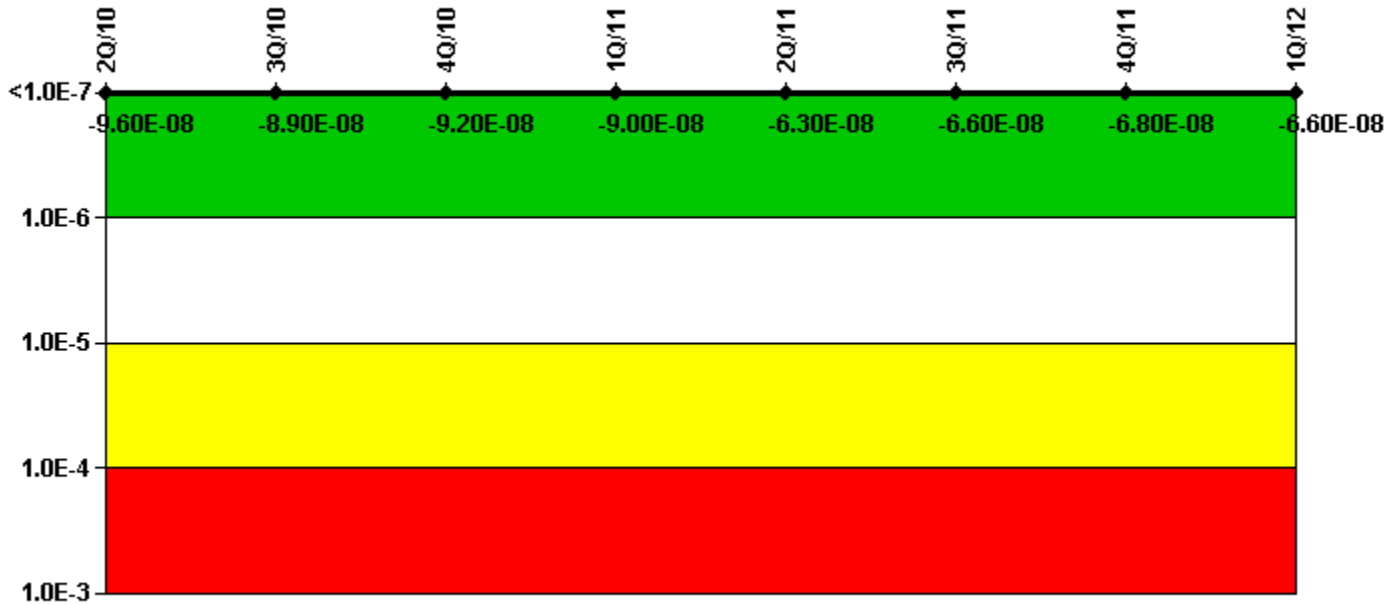
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (Δ CDF)	2.12E-09	2.16E-09	2.22E-09	2.23E-09	6.86E-10	6.70E-10	6.70E-10	1.75E-09
URI (Δ CDF)	-1.06E-08	-1.06E-08	-1.06E-08	-1.06E-08	-9.87E-09	-1.00E-08	-1.02E-08	-1.03E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-8.50E-09	-8.40E-09	-8.40E-09	-8.40E-09	-9.20E-09	-9.40E-09	-9.50E-09	-8.50E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



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

Notes

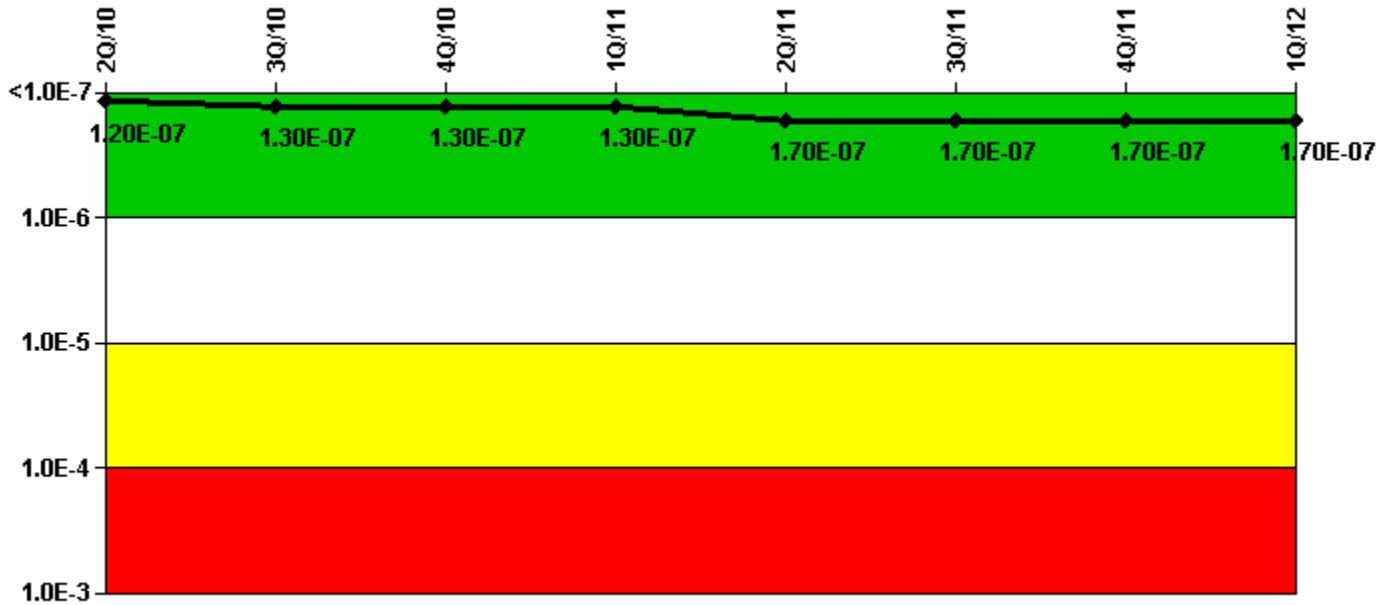
Mitigating Systems Performance Index, Heat Removal System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (Δ CDF)	-4.73E-09	1.04E-09	-2.94E-09	-1.66E-09	1.04E-08	7.60E-09	5.67E-09	8.30E-09
URI (Δ CDF)	-9.13E-08	-8.98E-08	-8.91E-08	-8.84E-08	-7.39E-08	-7.39E-08	-7.39E-08	-7.38E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-9.60E-08	-8.90E-08	-9.20E-08	-9.00E-08	-6.30E-08	-6.60E-08	-6.80E-08	-6.60E-08

Licensee Comments:

1Q/12: Changed PRA Parameter(s).

2Q/10: Unavailability hours should have been reported against both of the Steam Supply Segments when the steam admission valves were unavailable and under clearance to support TDAFW maintenance. Corrected unavailability hours for the previous 36 month period need to be reported against both 1MS-70 and 1MS-72 as follows: 1/20/2010 07:04 to 16:52: accumulated 9.8 hours planned unavailability 8/26/2009 07:02 to 8/27/2009 09:49: accumulated 26.8 hours planned unavailability 4/15/2009 07:11 to 4/17/2009 03:22: accumulated 44.2 hours planned unavailability 9/24/2008 07:34 to 17:18: accumulated 9.7 hours planned unavailability 3/19/2008 06:58 to 16:13: accumulated 9.3 hours planned unavailability 4/18/2007 19:45 to 22:24: accumulated 2.7 hours unplanned unavailability 4/18/2007 07:15 to 17:04: accumulated 9.8 hours planned unavailability No Color Change as a result of this corrected data.

Mitigating Systems Performance Index, Residual Heat Removal System



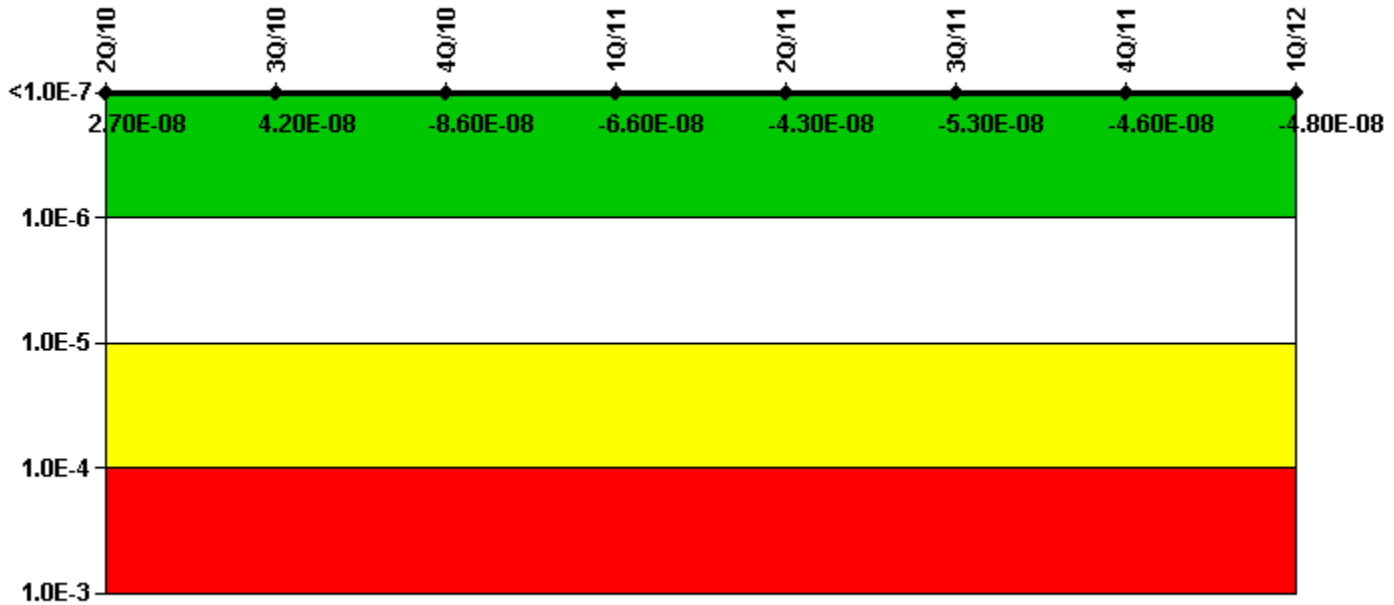
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (Δ CDF)	-1.68E-09	4.80E-10	2.99E-09	3.02E-09	3.68E-09	4.49E-09	4.04E-09	7.93E-09
URI (Δ CDF)	1.25E-07	1.27E-07	1.29E-07	1.31E-07	1.64E-07	1.64E-07	1.64E-07	1.65E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.20E-07	1.30E-07	1.30E-07	1.30E-07	1.70E-07	1.70E-07	1.70E-07	1.70E-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

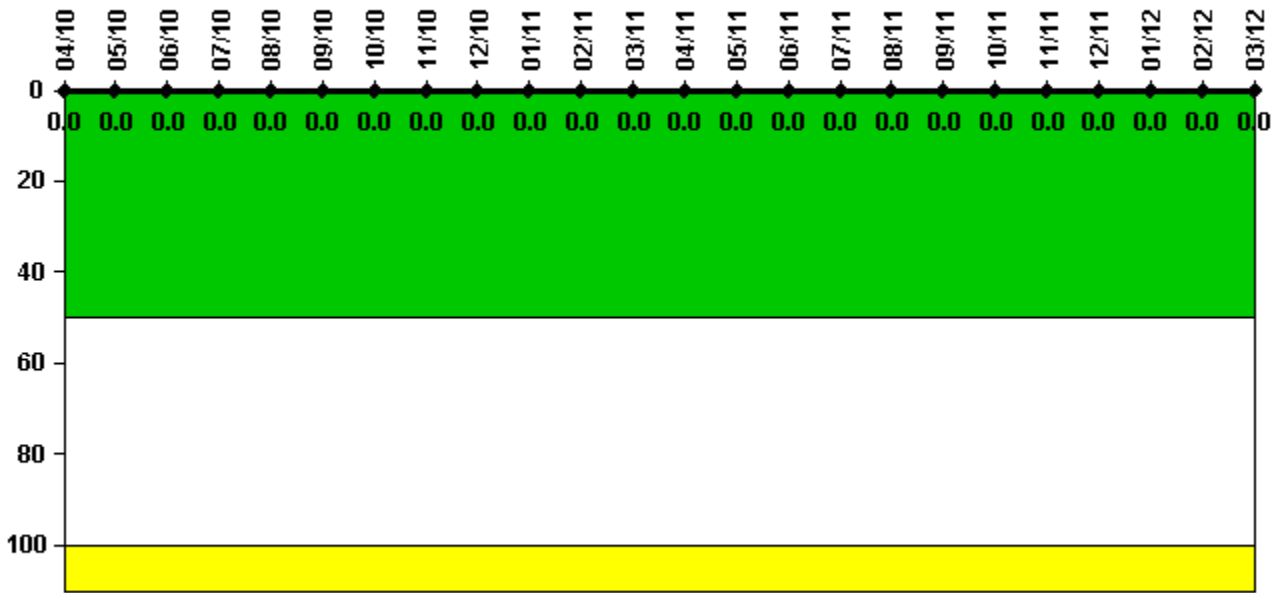
Mitigating Systems Performance Index, Cooling Water Systems	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (Δ CDF)	9.63E-08	1.14E-07	1.06E-07	1.28E-07	6.40E-08	5.32E-08	6.02E-08	5.82E-08
URI (Δ CDF)	-6.93E-08	-7.26E-08	-1.92E-07	-1.93E-07	-1.07E-07	-1.07E-07	-1.07E-07	-1.06E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.70E-08	4.20E-08	-8.60E-08	-6.60E-08	-4.30E-08	-5.30E-08	-4.60E-08	-4.80E-08

Licensee Comments:

1Q/12: Changed PRA Parameter(s).

2Q/11: Corrected data has been submitted for B ESW as it has been determined in an evaluation that no unavailability occurred as a result of the previously reported event. No color change results from this corrected data.

Reactor Coolant System Activity



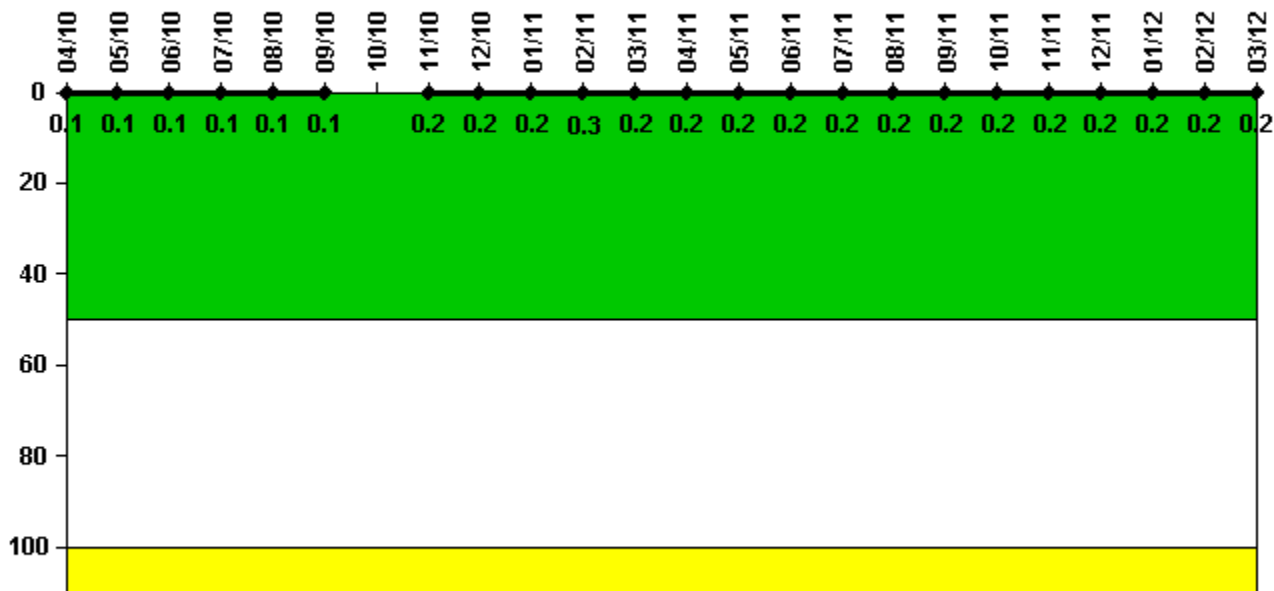
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11
Maximum activity	0.000141	0.000150	0.000155	0.000162	0.000169	0.000173	0.000160	0.000085	0.000162	0.000186	0.000101	0.000105
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	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12
Maximum activity	0.000113	0.000403	0.000119	0.000126	0.000127	0.000130	0.000136	0.000138	0.000141	0.000202	0.000147	0.000158
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



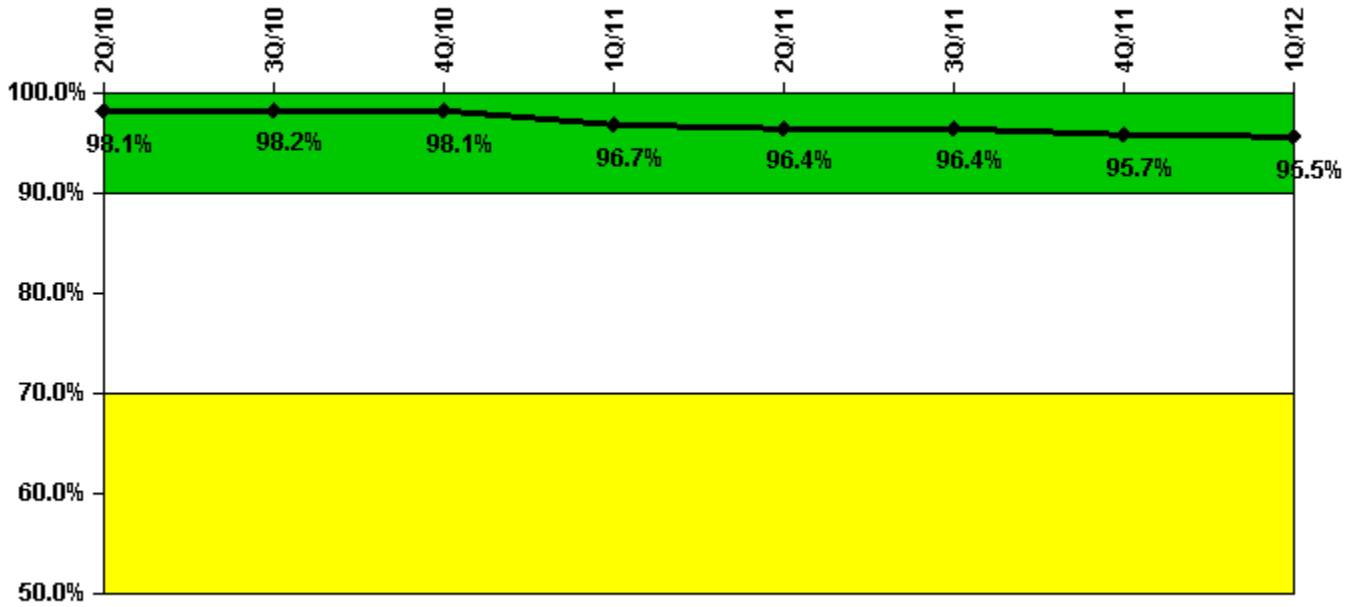
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11
Maximum leakage	0.010	0.010	0.013	0.012	0.014	0.012	N/A	0.016	0.019	0.018	0.030	0.020
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	0.1	0.1	0.1	0.1	0.1	0.1	N/A	0.2	0.2	0.2	0.3	0.2
Reactor Coolant System Leakage	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12
Maximum leakage	0.019	0.019	0.017	0.019	0.018	0.017	0.019	0.018	0.017	0.017	0.016	0.016
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	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

Licensee Comments: none

Drill/Exercise Performance



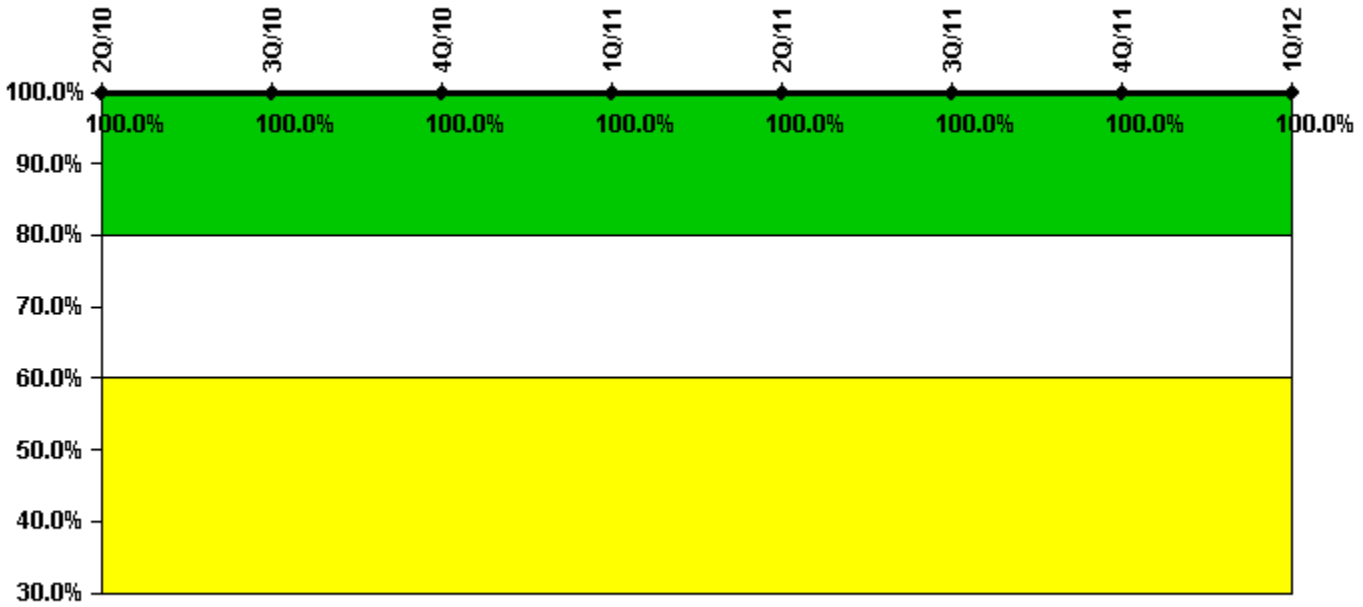
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Successful opportunities	33.0	27.0	8.0	35.0	29.0	24.0	32.0	25.0
Total opportunities	34.0	28.0	8.0	39.0	30.0	25.0	34.0	25.0
Indicator value	98.1%	98.2%	98.1%	96.7%	96.4%	96.4%	95.7%	95.5%

Licensee Comments: none

ERO Drill Participation



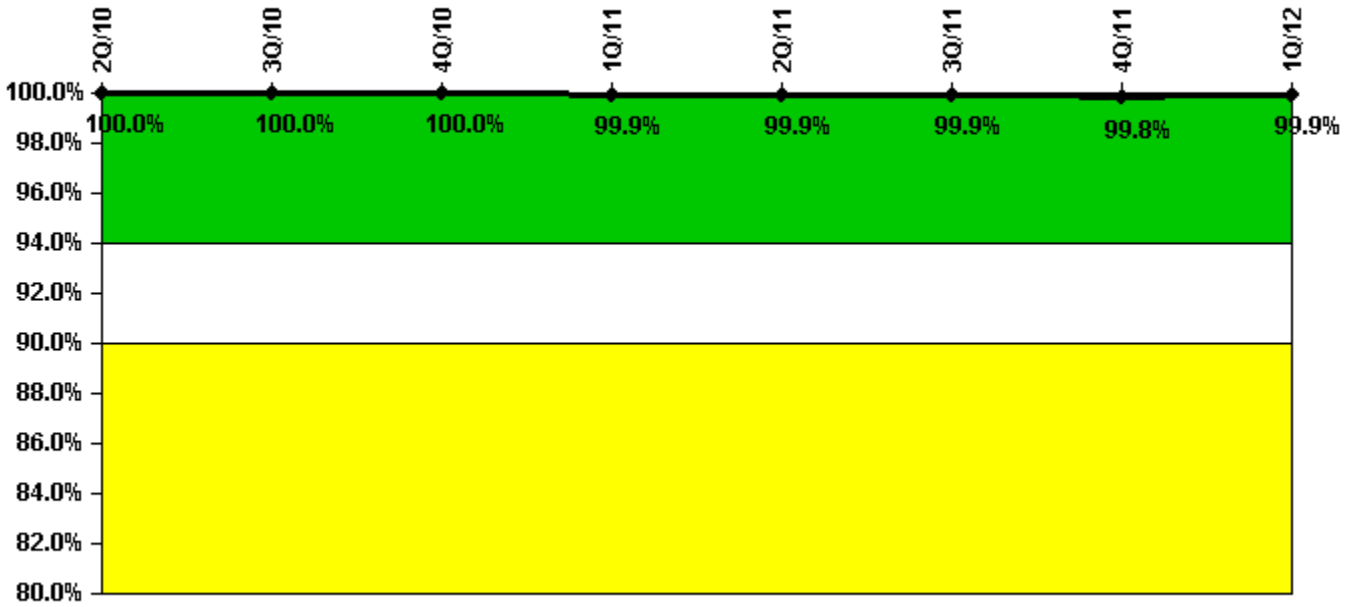
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Participating Key personnel	52.0	49.0	48.0	42.0	46.0	47.0	52.0	54.0
Total Key personnel	52.0	49.0	48.0	42.0	46.0	47.0	52.0	54.0
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/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Successful siren-tests	581	747	581	662	581	746	663	664
Total sirens-tests	581	747	581	664	581	747	664	664
Indicator value	100.0%	100.0%	100.0%	99.9%	99.9%	99.9%	99.8%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



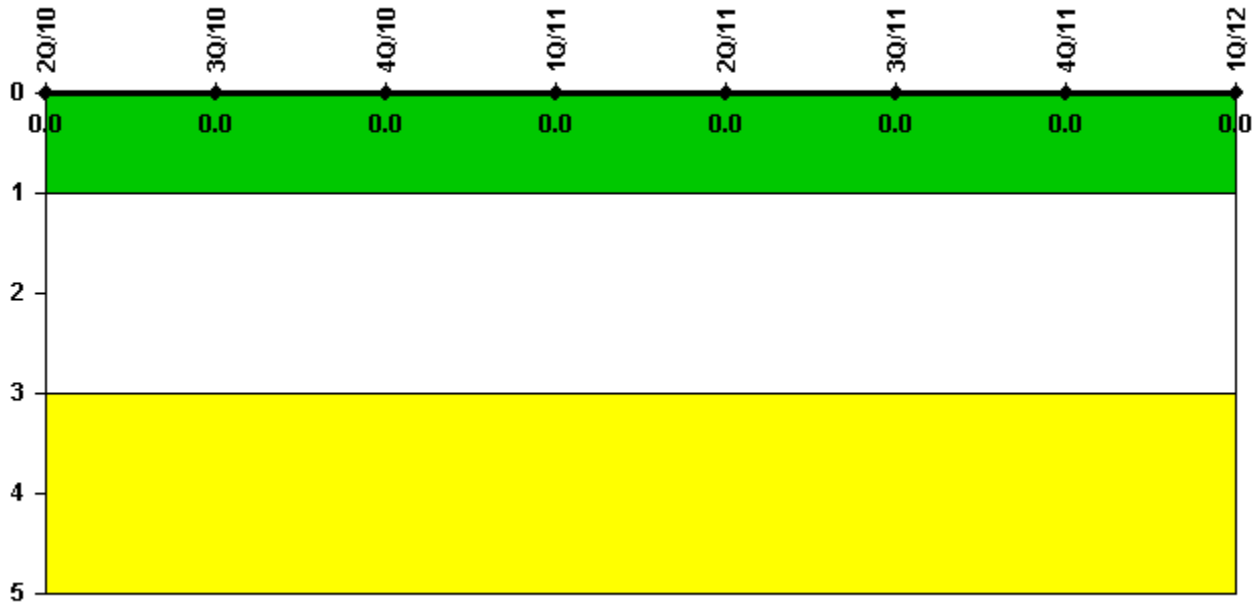
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
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	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

[Security](#) information not publicly available.