

Hope Creek 1

1Q/2012 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



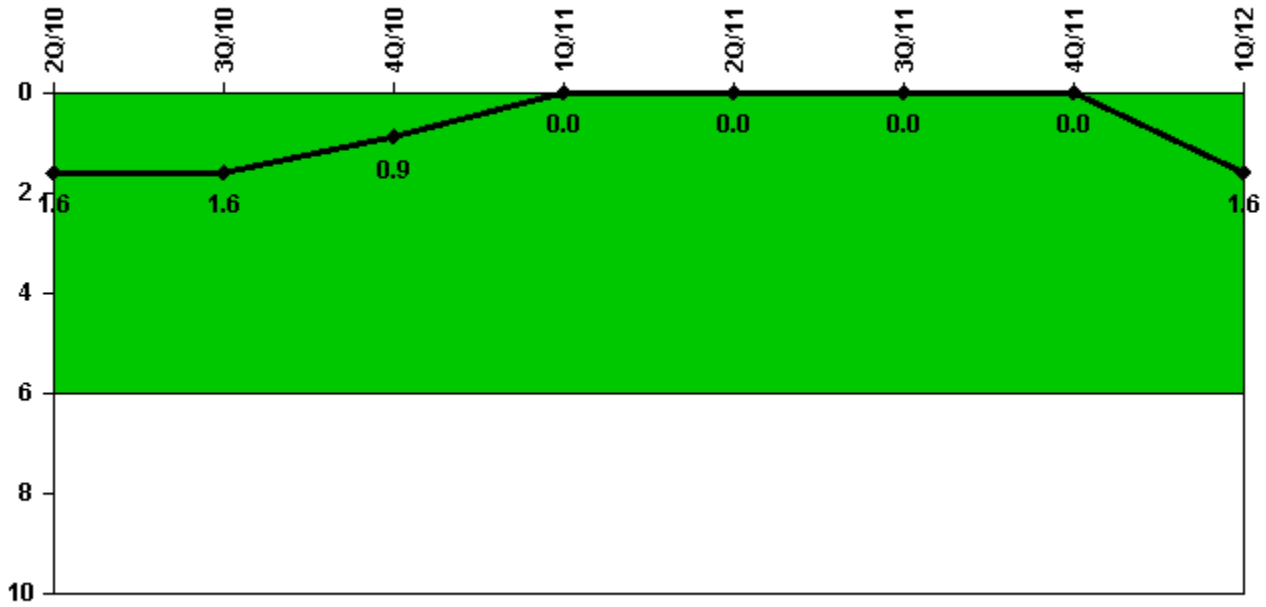
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1600.7	2108.4	2184.0	2208.0	2209.0	2183.0
Indicator value	0	0	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	2.0
Critical hours	2184.0	2208.0	1600.7	2108.4	2184.0	2208.0	2209.0	2183.0
Indicator value	1.6	1.6	0.9	0	0	0	0	1.6

Licensee Comments: none

Unplanned Scrams with Complications



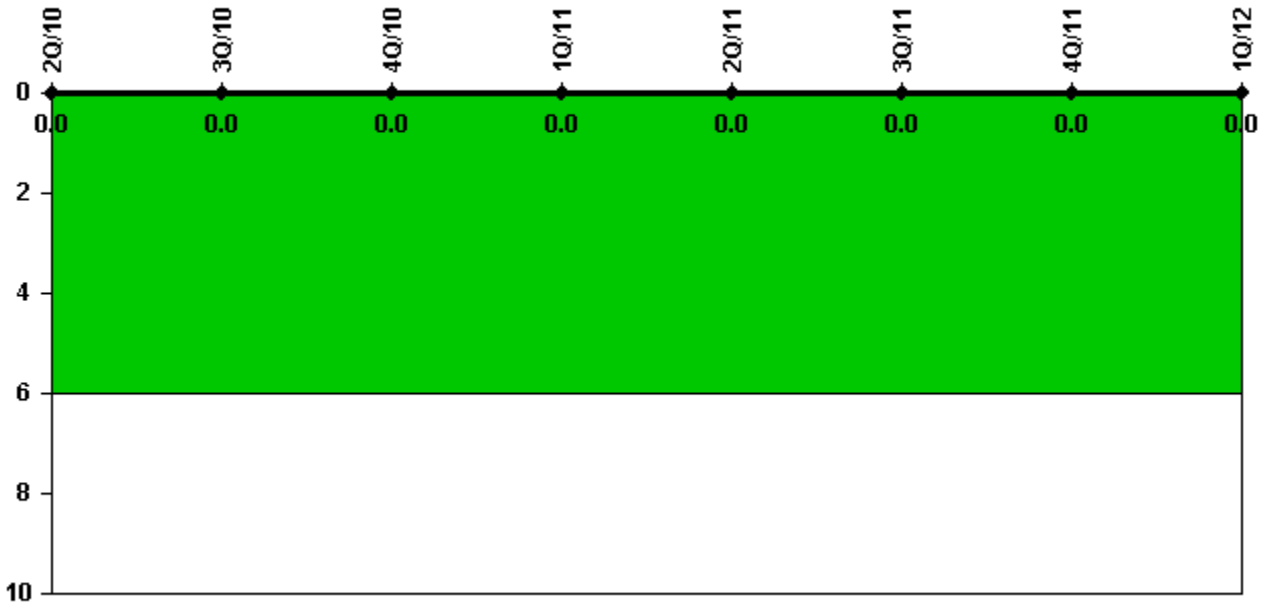
Thresholds: White > 1.0

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 (BWR)



Thresholds: White > 6.0

Notes

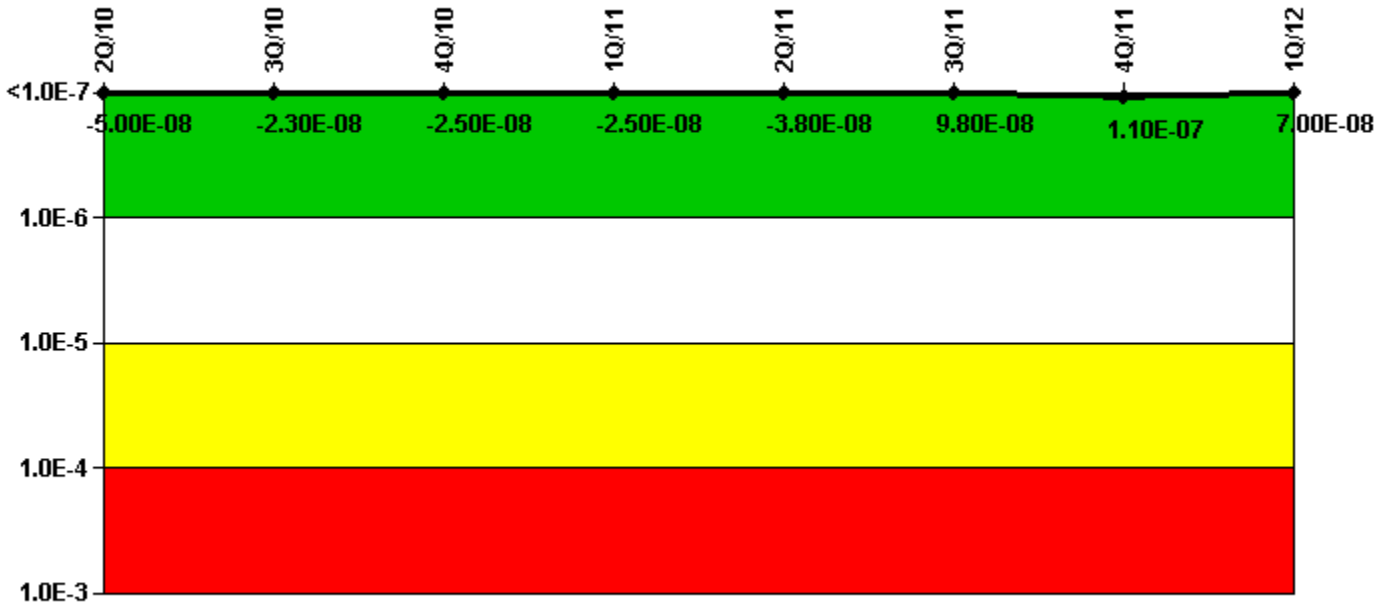
Safety System Functional Failures (BWR)	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments:

3Q/11: Hope Creek LER 354/11-001(submitted 9/22/11) reported a condition under Hope Creek LER 354/11-001 (submitted 9/22/11) reported a SSFF. A subsequent Engineering Technical Evaluation concluded that the system remained capable of performing its safety function. Therefore the SSFF has been removed from the data input.

3Q/11: Hope Creek LER 354/11-001(submitted 9/22/11) reported a condition under 10CFR50.73 (a)(2)(v)(D) as an event or condition that could have prevented the fulfillment of the safety function of a SSC that is needed to mitigate the consequences of an accident.

Mitigating Systems Performance Index, Emergency AC Power System



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

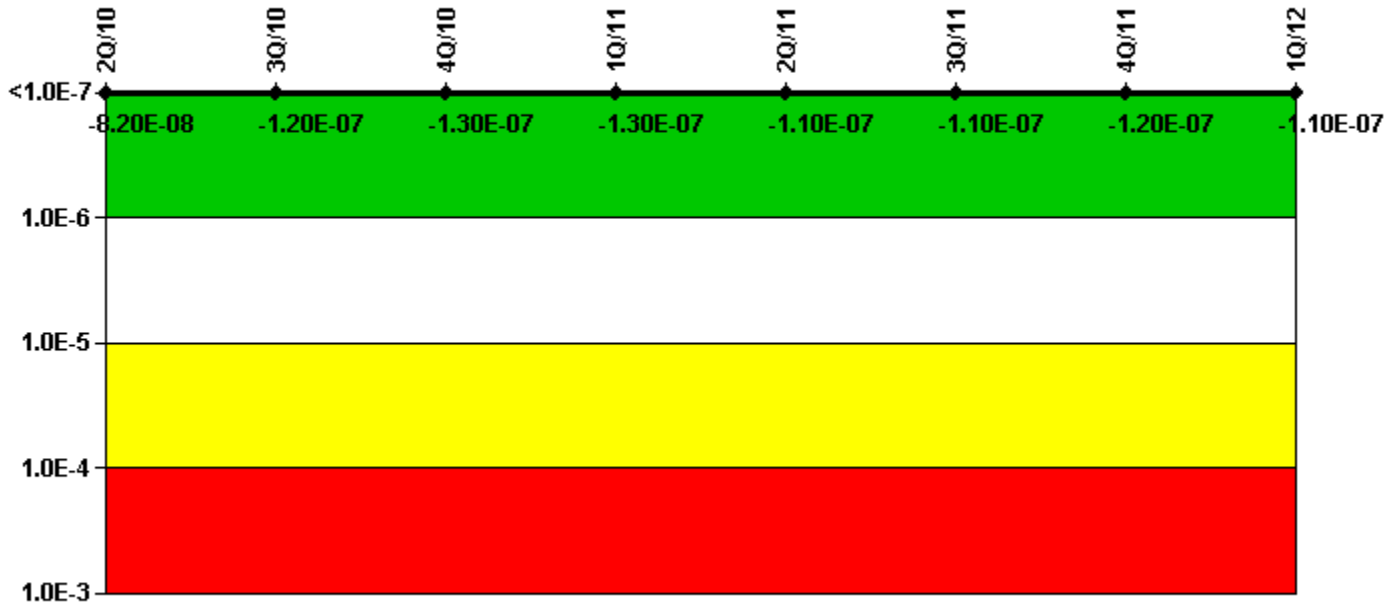
Notes

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)	6.17E-08	9.15E-08	9.47E-08	9.64E-08	8.26E-08	9.13E-08	9.16E-08	5.34E-08
URI (Δ CDF)	-1.11E-07	-1.15E-07	-1.20E-07	-1.21E-07	-1.20E-07	6.98E-09	1.68E-08	1.64E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.00E-08	-2.30E-08	-2.50E-08	-2.50E-08	-3.80E-08	9.80E-08	1.10E-07	7.00E-08

Licensee Comments:

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

Mitigating Systems Performance Index, High Pressure Injection System



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

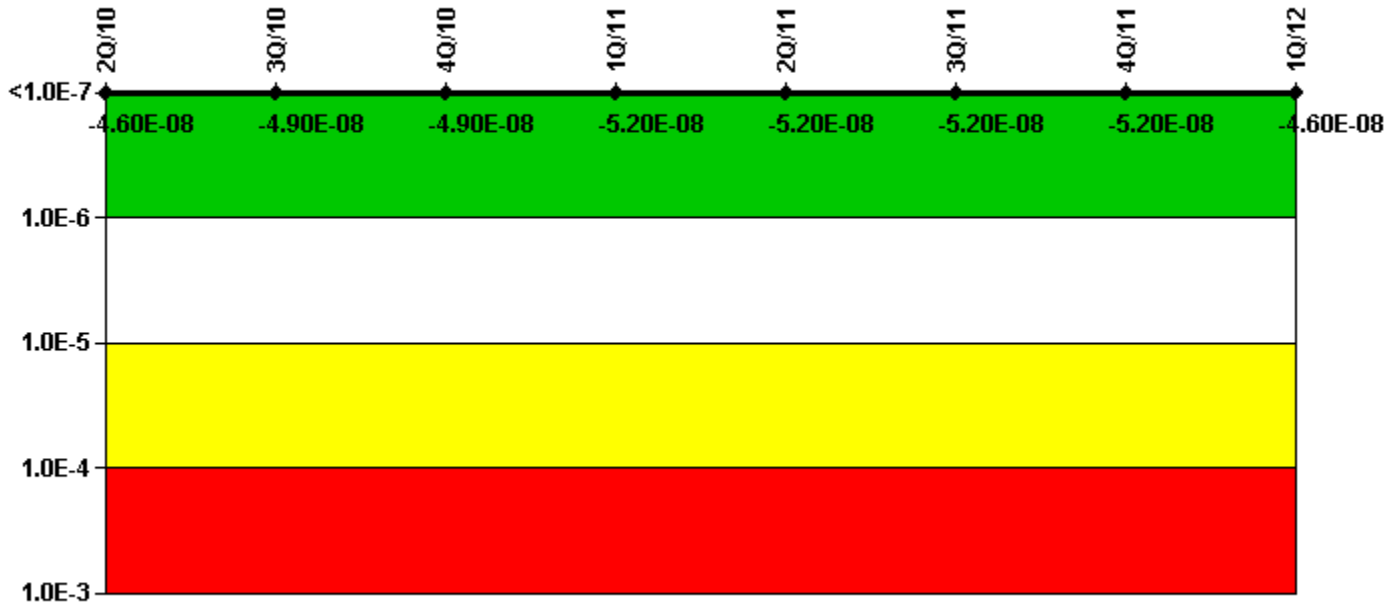
Notes

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)	-2.45E-08	-3.38E-08	-3.38E-08	-3.37E-08	-3.37E-08	-3.37E-08	-3.56E-08	-3.36E-08
URI (Δ CDF)	-5.76E-08	-8.87E-08	-9.24E-08	-9.24E-08	-8.05E-08	-8.05E-08	-8.27E-08	-7.94E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-8.20E-08	-1.20E-07	-1.30E-07	-1.30E-07	-1.10E-07	-1.10E-07	-1.20E-07	-1.10E-07

Licensee Comments:

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

Mitigating Systems Performance Index, Heat Removal System



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

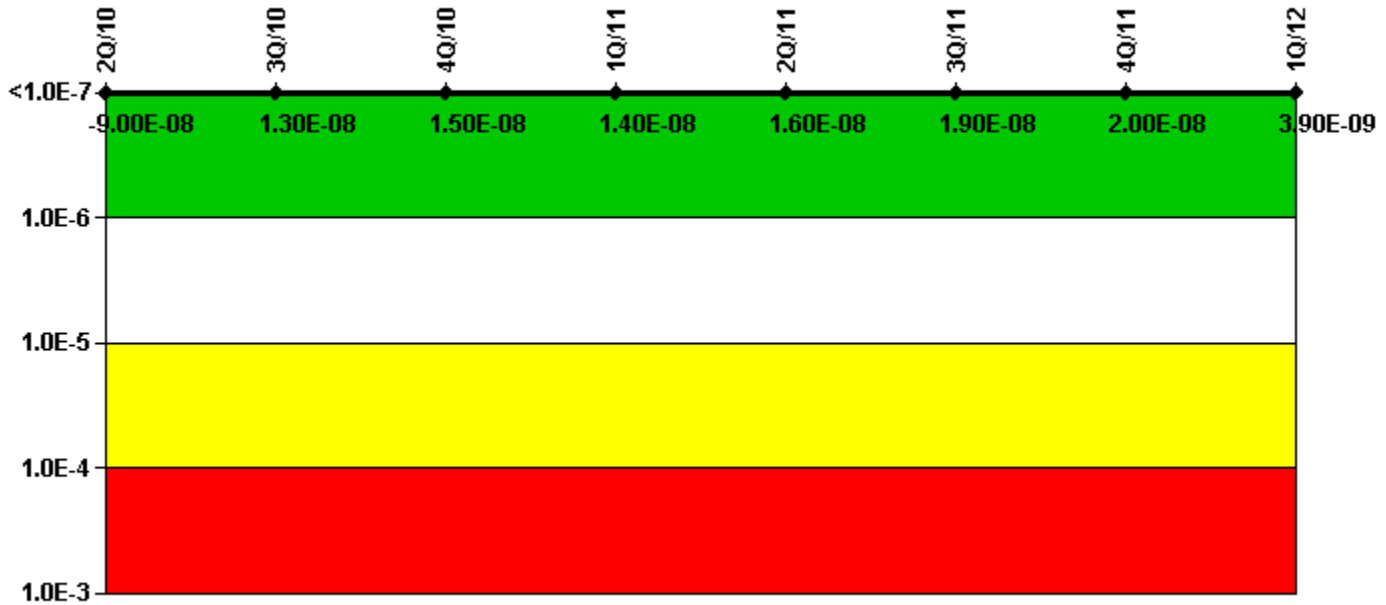
Notes

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)	-9.82E-09	-1.29E-08	-1.29E-08	-1.29E-08	-1.29E-08	-1.29E-08	-1.29E-08	-1.16E-08
URI (Δ CDF)	-3.59E-08	-3.59E-08	-3.59E-08	-3.95E-08	-3.95E-08	-3.95E-08	-3.87E-08	-3.43E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.60E-08	-4.90E-08	-4.90E-08	-5.20E-08	-5.20E-08	-5.20E-08	-5.20E-08	-4.60E-08

Licensee Comments:

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

Mitigating Systems Performance Index, Residual Heat Removal System



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

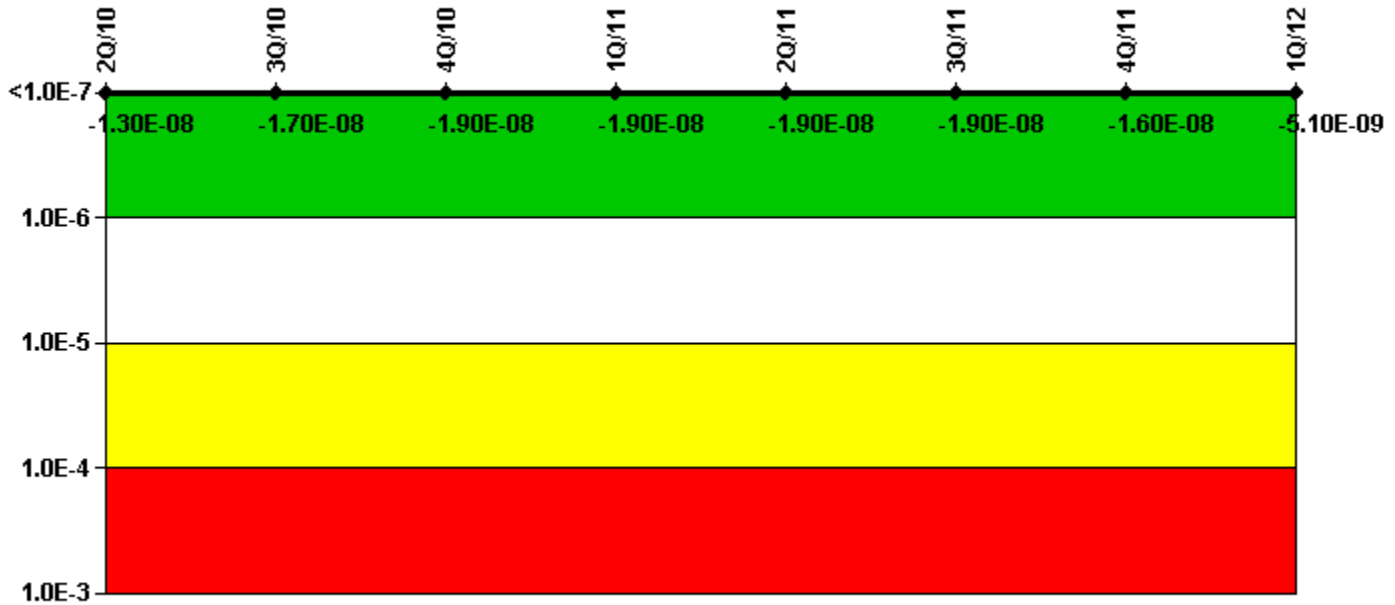
Notes

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)	-1.08E-08	-1.01E-08	-1.01E-08	-1.01E-08	-1.01E-08	-1.01E-08	-1.01E-08	-3.26E-09
URI (Δ CDF)	-7.88E-08	2.27E-08	2.47E-08	2.41E-08	2.63E-08	2.90E-08	3.02E-08	7.20E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-9.00E-08	1.30E-08	1.50E-08	1.40E-08	1.60E-08	1.90E-08	2.00E-08	3.90E-09

Licensee Comments:

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

Mitigating Systems Performance Index, Cooling Water Systems



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

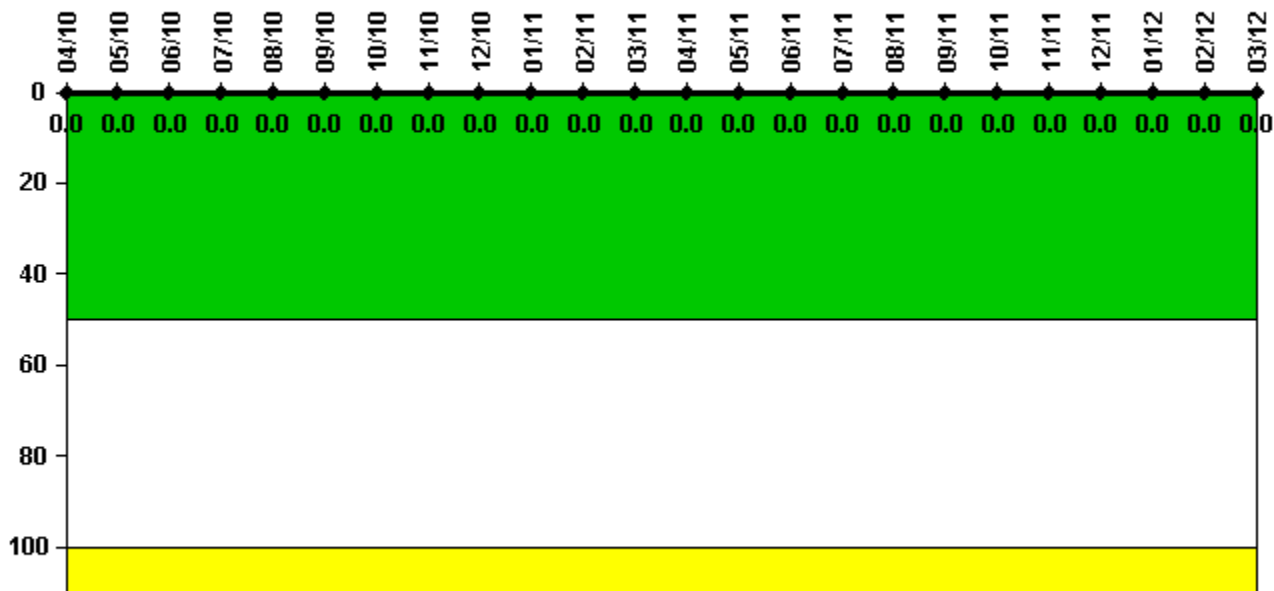
Notes

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)	-1.24E-09	-5.22E-09	-7.59E-09	-7.45E-09	-7.34E-09	-7.27E-09	-4.88E-09	-2.18E-09
URI (Δ CDF)	-1.17E-08	-1.17E-08	-1.16E-08	-1.13E-08	-1.14E-08	-1.14E-08	-1.14E-08	-2.93E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.30E-08	-1.70E-08	-1.90E-08	-1.90E-08	-1.90E-08	-1.90E-08	-1.60E-08	-5.10E-09

Licensee Comments:

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

Reactor Coolant System Activity



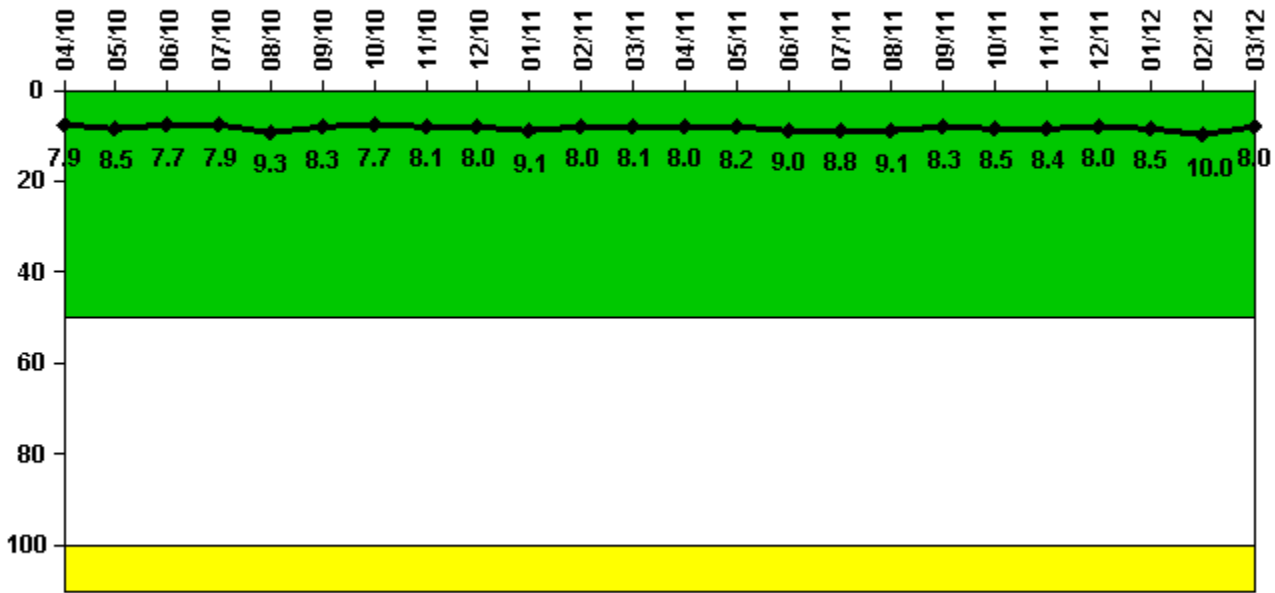
Thresholds: White > 50.0 Yellow > 100.0

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	0.000059	0.000057	0.000052	0.000052	0.000046	0.000051	0.000058	0.000046	0.000041	0.000042	0.000065	0.000043
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	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12
Maximum activity	0.000044	0.000042	0.000043	0.000053	0.000042	0.000049	0.000043	0.000044	0.000043	0.000048	0.000039	0.000041
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



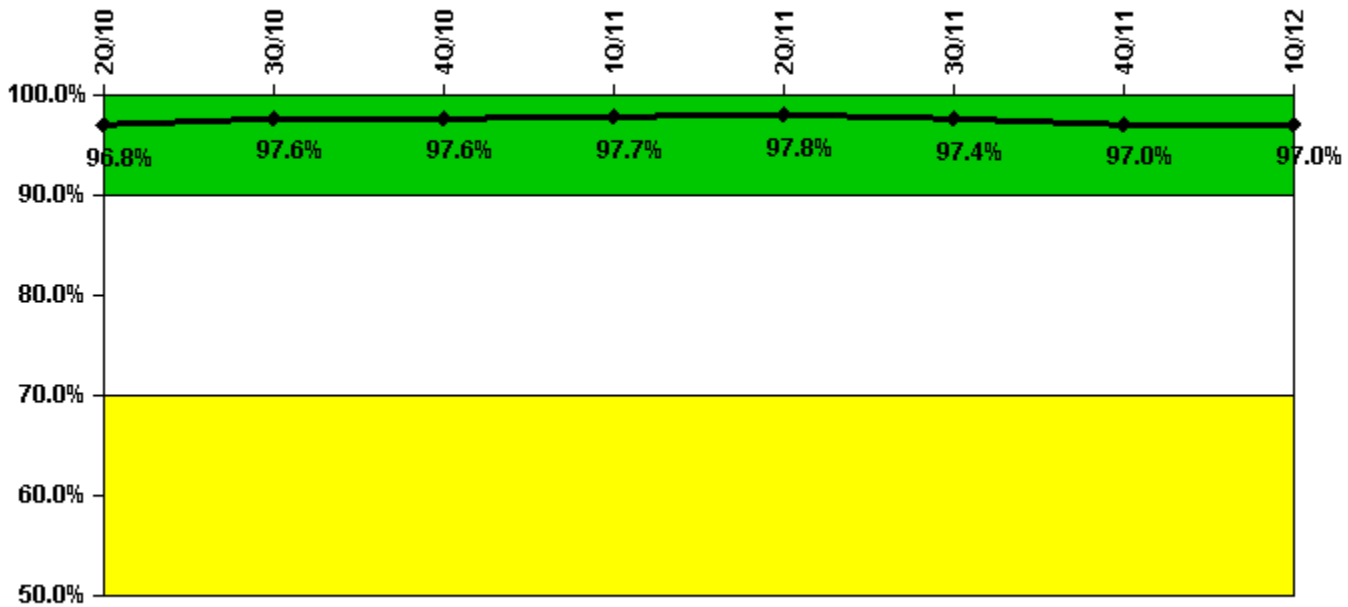
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11
Maximum leakage	1.980	2.130	1.920	1.980	2.320	2.070	1.930	2.020	2.000	2.282	2.000	2.020
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	7.9	8.5	7.7	7.9	9.3	8.3	7.7	8.1	8.0	9.1	8.0	8.1
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	1.990	2.050	2.252	2.210	2.270	2.070	2.120	2.102	2.000	2.120	2.500	1.990
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	8.0	8.2	9.0	8.8	9.1	8.3	8.5	8.4	8.0	8.5	10.0	8.0

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

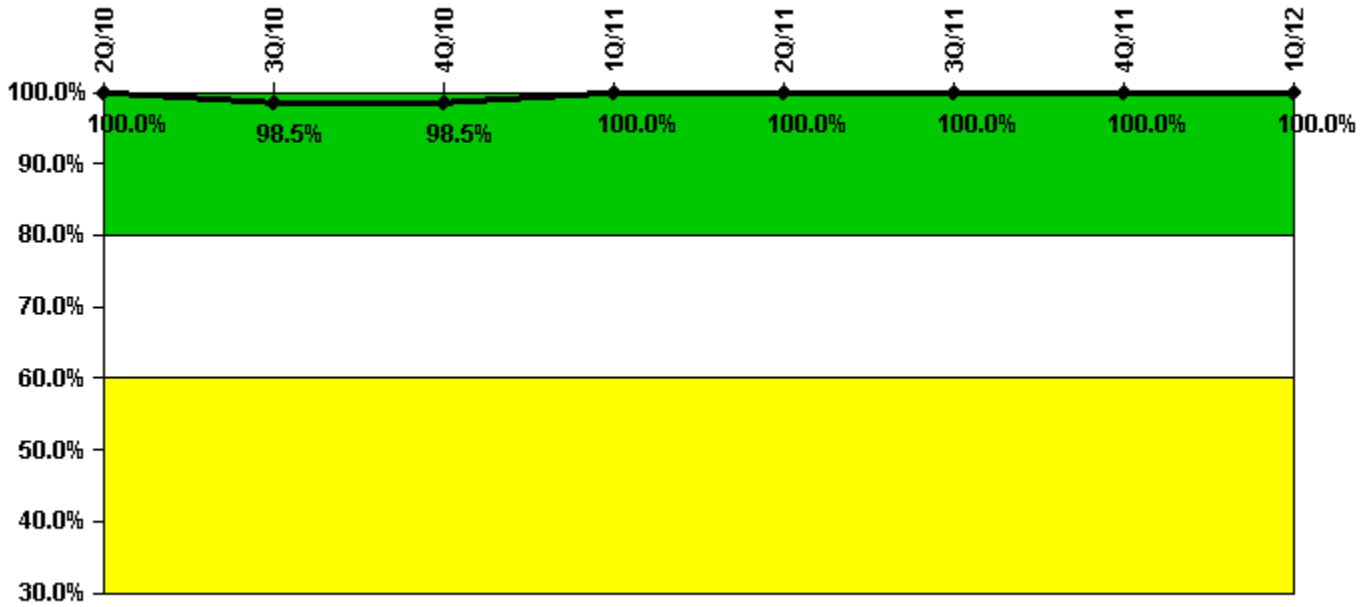
Notes

Drill/Exercise Performance	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Successful opportunities	55.0	39.0	39.0	43.0	40.0	34.0	72.0	30.0
Total opportunities	56.0	39.0	40.0	44.0	41.0	37.0	75.0	31.0
Indicator value	96.8%	97.6%	97.6%	97.7%	97.8%	97.4%	97.0%	97.0%

Licensee Comments:

3Q/10: DEP data for September 2010 was changed from 39 to 25 for both total and successful opportunities. No change in color as a result of the correction.

ERO Drill Participation



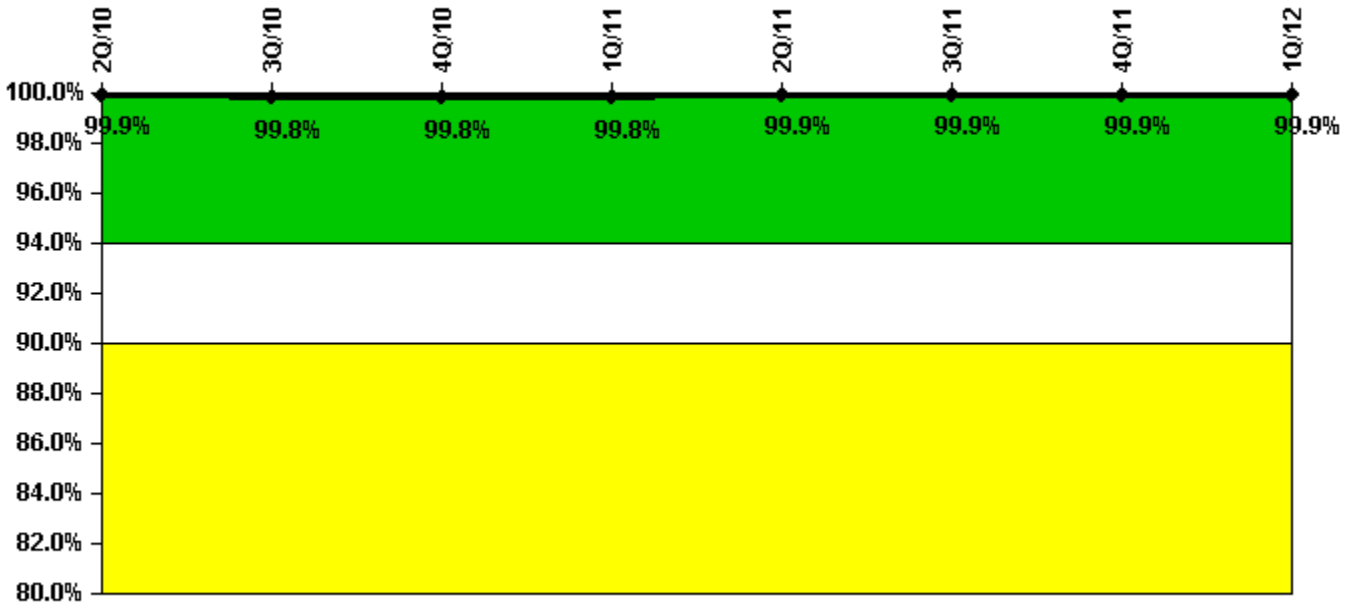
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Participating Key personnel	128.0	130.0	132.0	128.0	130.0	131.0	136.0	136.0
Total Key personnel	128.0	132.0	134.0	128.0	130.0	131.0	136.0	136.0
Indicator value	100.0%	98.5%	98.5%	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	495	496	497	497	497	496	497	497
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	99.9%	99.8%	99.8%	99.8%	99.9%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



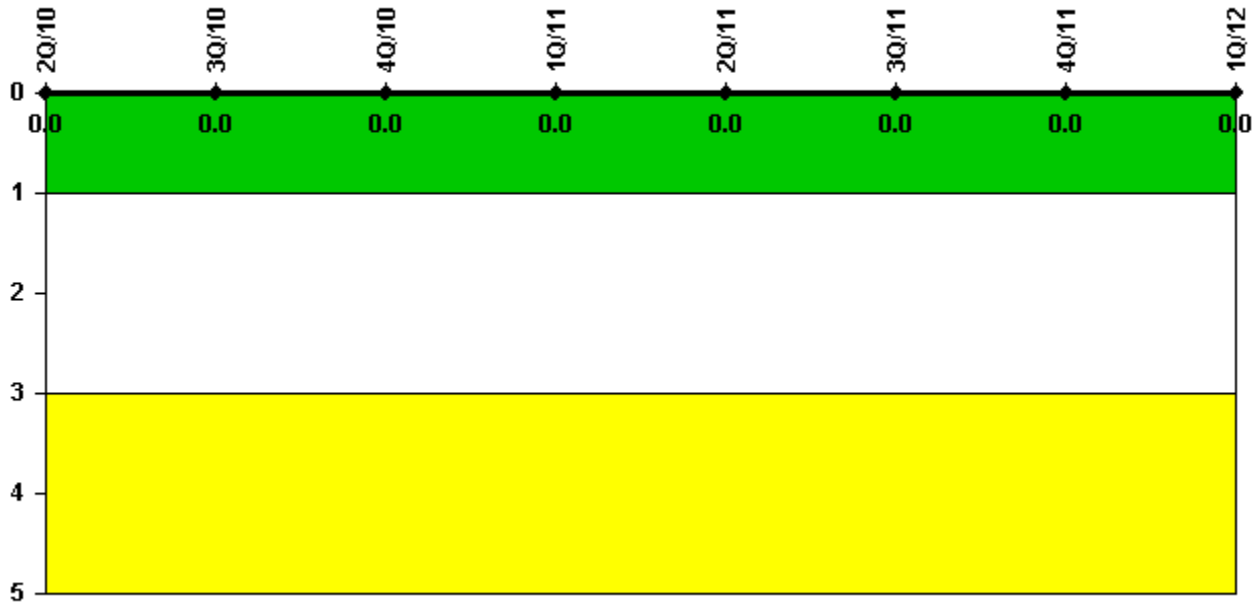
Thresholds: White > 2.0 Yellow > 5.0

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.