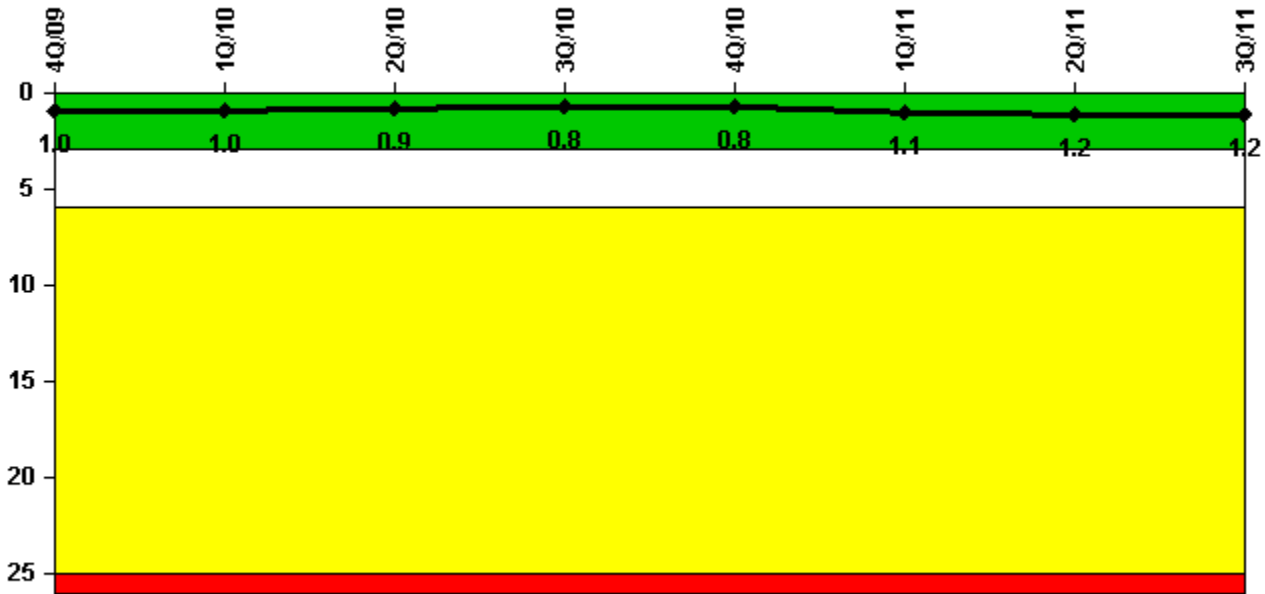


Saint Lucie 2

3Q/2011 Performance Indicators

Licensee's General Comments: AFW non-test ESFAS actuations added for June Rx trip.

Unplanned Scrams per 7000 Critical Hrs



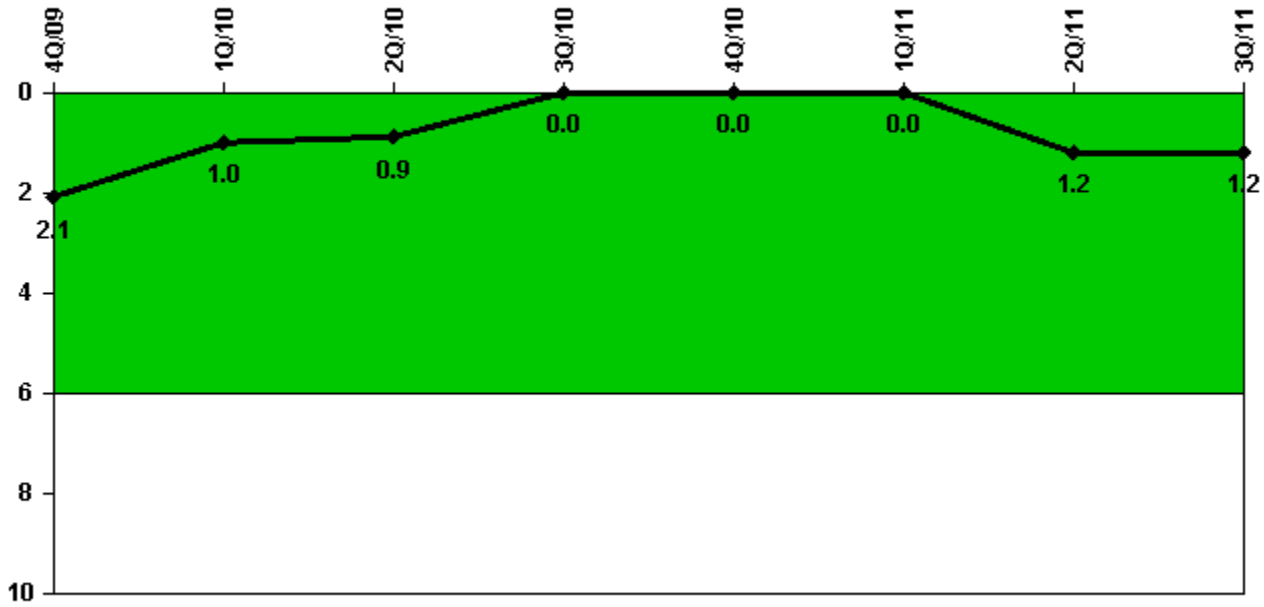
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Unplanned scrams	0	0	1.0	0	0	0	1.0	0
Critical hours	2209.0	2159.0	2049.2	2208.0	2209.0	41.0	1329.1	2208.0
Indicator value	1.0	1.0	0.9	0.8	0.8	1.1	1.2	1.2

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Unplanned power changes	0	0	0	0	0	0	1.0	0
Critical hours	2209.0	2159.0	2049.2	2208.0	2209.0	41.0	1329.1	2208.0
Indicator value	2.1	1.0	0.9	0	0	0	1.2	1.2

Licensee Comments: none

Unplanned Scrams with Complications



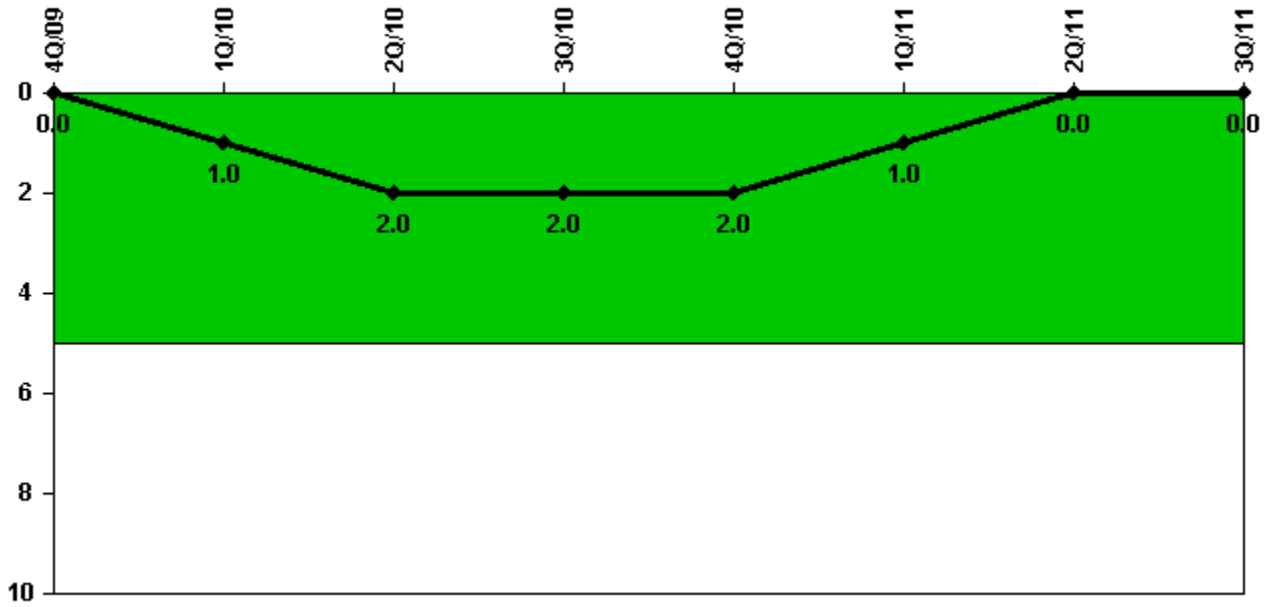
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
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)



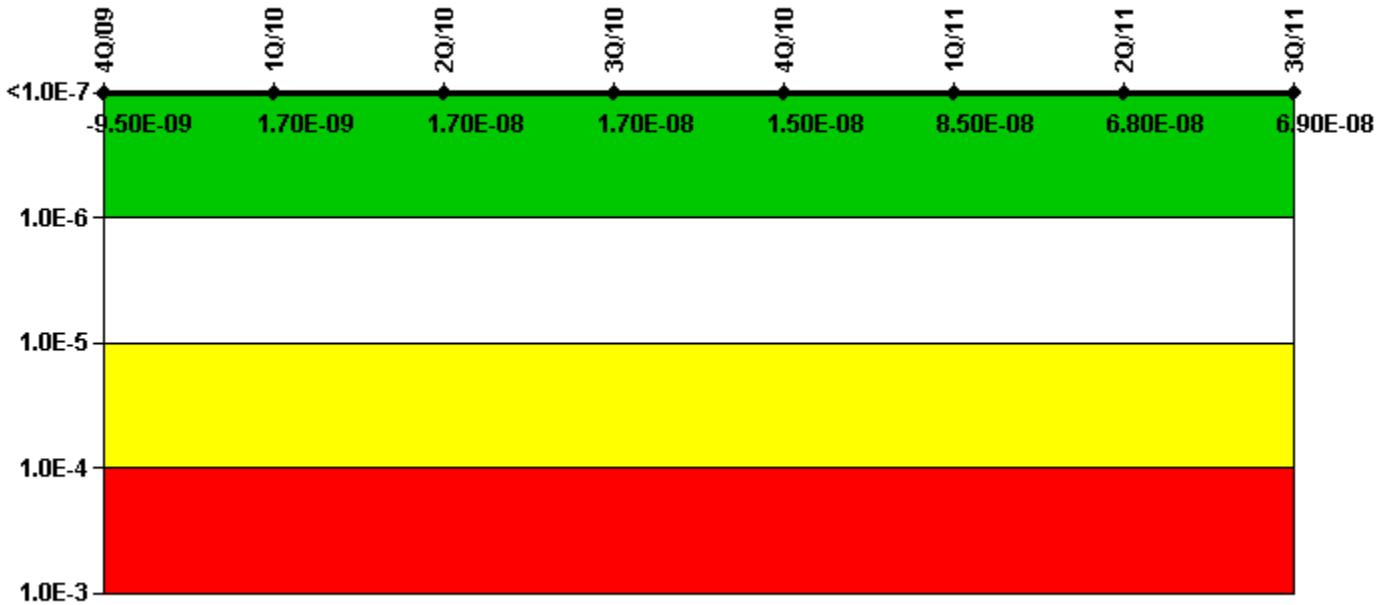
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Safety System Functional Failures	0	1	1	0	0	0	0	0
Indicator value	0	1	2	2	2	1	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



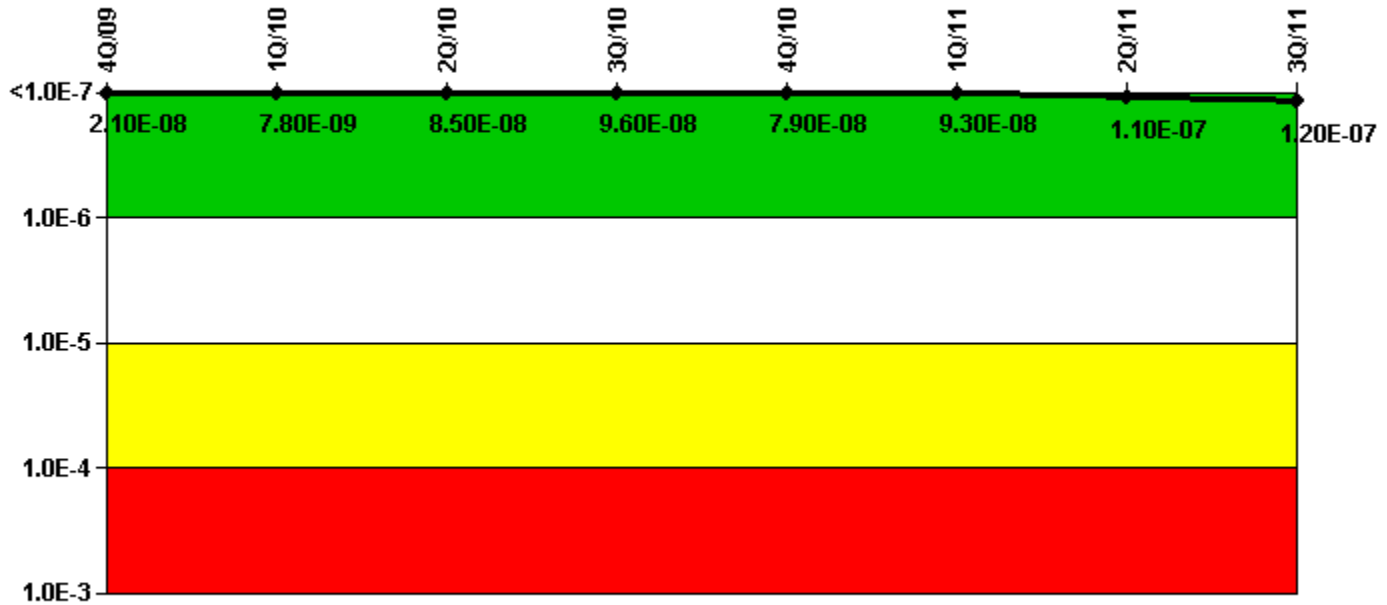
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (Δ CDF)	7.39E-09	1.86E-08	2.24E-08	2.24E-08	2.03E-08	2.17E-08	1.63E-08	1.69E-08
URI (Δ CDF)	-1.69E-08	-1.69E-08	-5.15E-09	-5.15E-09	-5.15E-09	6.34E-08	5.17E-08	5.17E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-9.50E-09	1.70E-09	1.70E-08	1.70E-08	1.50E-08	8.50E-08	6.80E-08	6.90E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



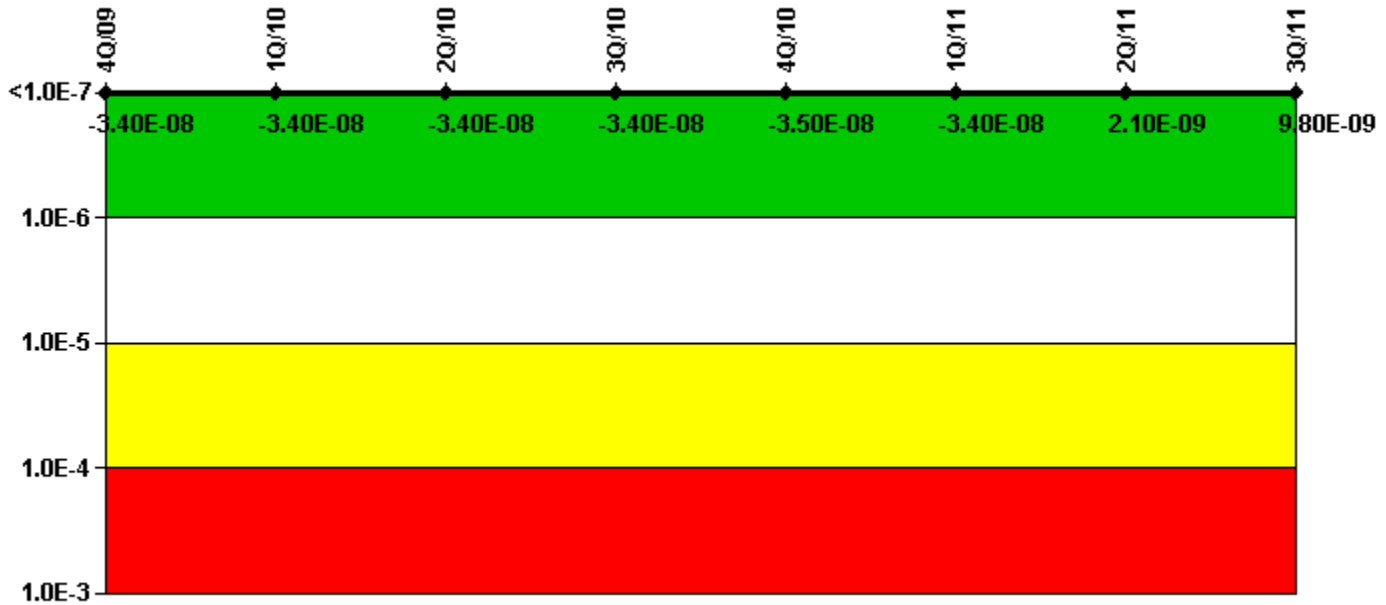
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (Δ CDF)	1.93E-07	1.80E-07	2.57E-07	2.68E-07	2.51E-07	2.65E-07	2.86E-07	2.89E-07
URI (Δ CDF)	-1.72E-07	-1.72E-07	-1.72E-07	-1.72E-07	-1.72E-07	-1.72E-07	-1.72E-07	-1.72E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.10E-08	7.80E-09	8.50E-08	9.60E-08	7.90E-08	9.30E-08	1.10E-07	1.20E-07

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



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

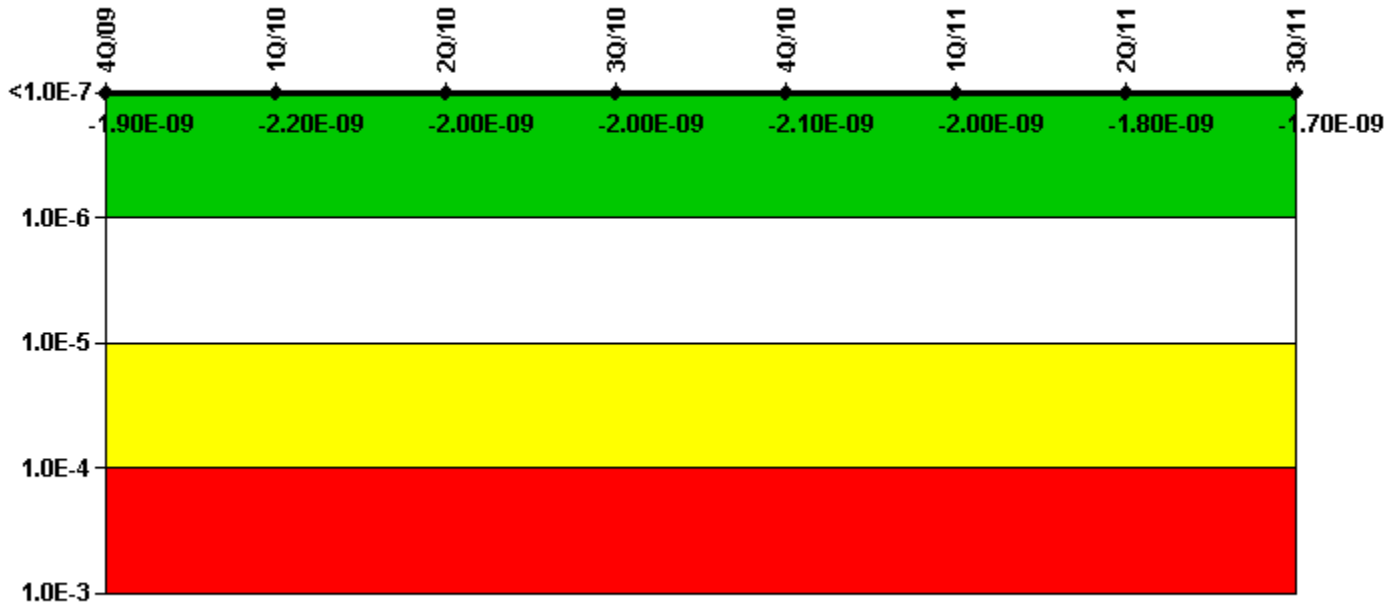
Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (Δ CDF)	-1.54E-10	-1.54E-10	-9.66E-11	-2.25E-10	-1.06E-09	-3.84E-10	1.72E-08	2.49E-08
URI (Δ CDF)	-3.37E-08	-3.37E-08	-3.40E-08	-3.40E-08	-3.40E-08	-3.40E-08	-1.51E-08	-1.51E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.40E-08	-3.40E-08	-3.40E-08	-3.40E-08	-3.50E-08	-3.40E-08	2.10E-09	9.80E-09

Licensee Comments:

2Q/11: ESF non-test demands and run-hours changed to reflect the automatic AFW actuation that occurred during the June 6, 2011 reactor trip.

Mitigating Systems Performance Index, Residual Heat Removal System



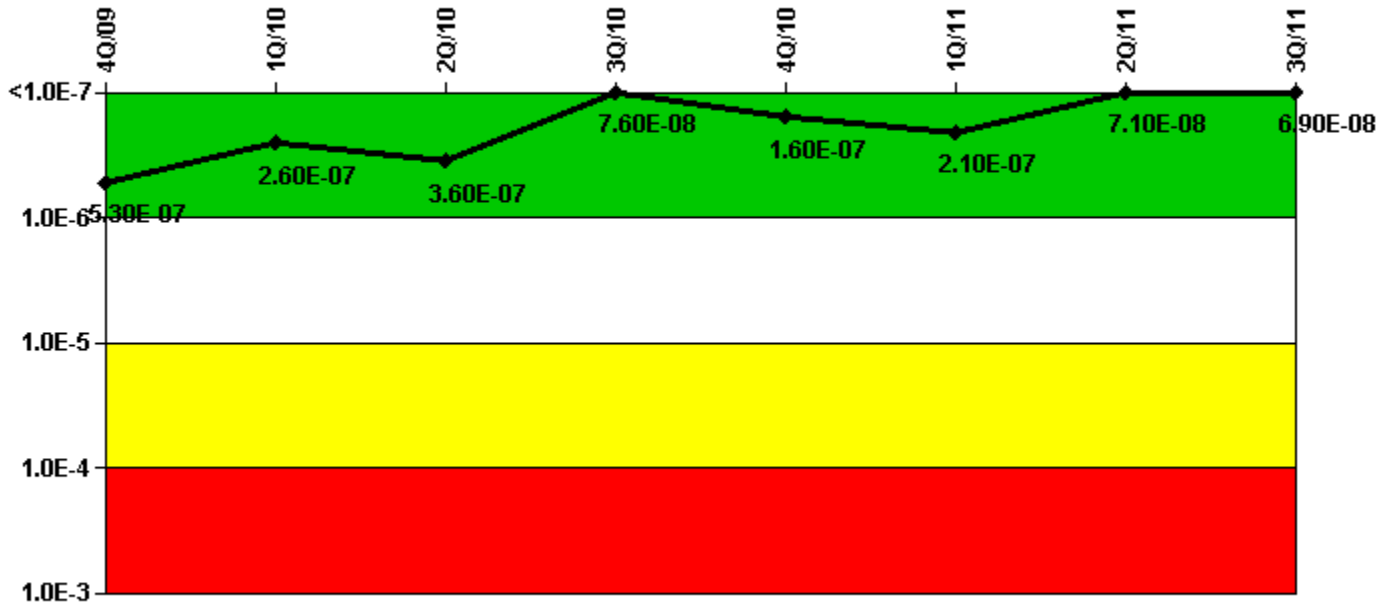
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (Δ CDF)	2.17E-10	-6.03E-11	1.27E-10	1.87E-10	9.77E-11	1.96E-10	3.94E-10	4.29E-10
URI (Δ CDF)	-2.16E-09	-2.16E-09	-2.16E-09	-2.16E-09	-2.16E-09	-2.16E-09	-2.16E-09	-2.16E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.90E-09	-2.20E-09	-2.00E-09	-2.00E-09	-2.10E-09	-2.00E-09	-1.80E-09	-1.70E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



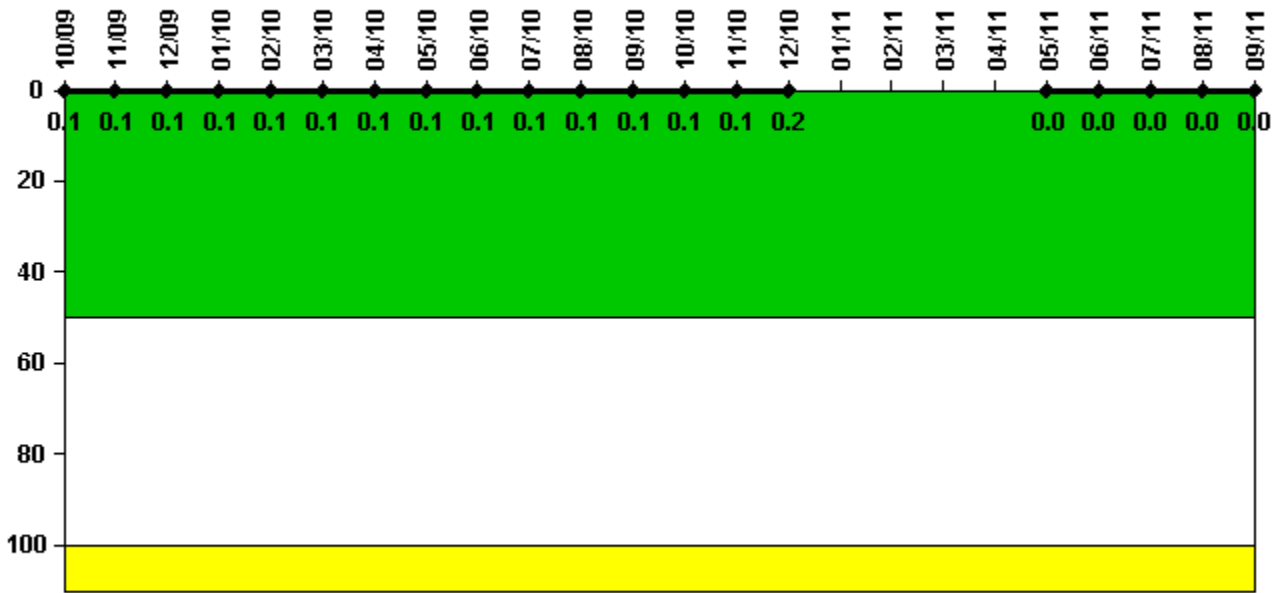
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (ΔCDF)	5.41E-07	2.70E-07	3.70E-07	8.50E-08	1.66E-07	2.21E-07	7.98E-08	7.79E-08
URI (ΔCDF)	-8.88E-09	-8.88E-09	-8.88E-09	-8.88E-09	-8.88E-09	-8.88E-09	-8.88E-09	-8.88E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	5.30E-07	2.60E-07	3.60E-07	7.60E-08	1.60E-07	2.10E-07	7.10E-08	6.90E-08

Licensee Comments: none

Reactor Coolant System Activity



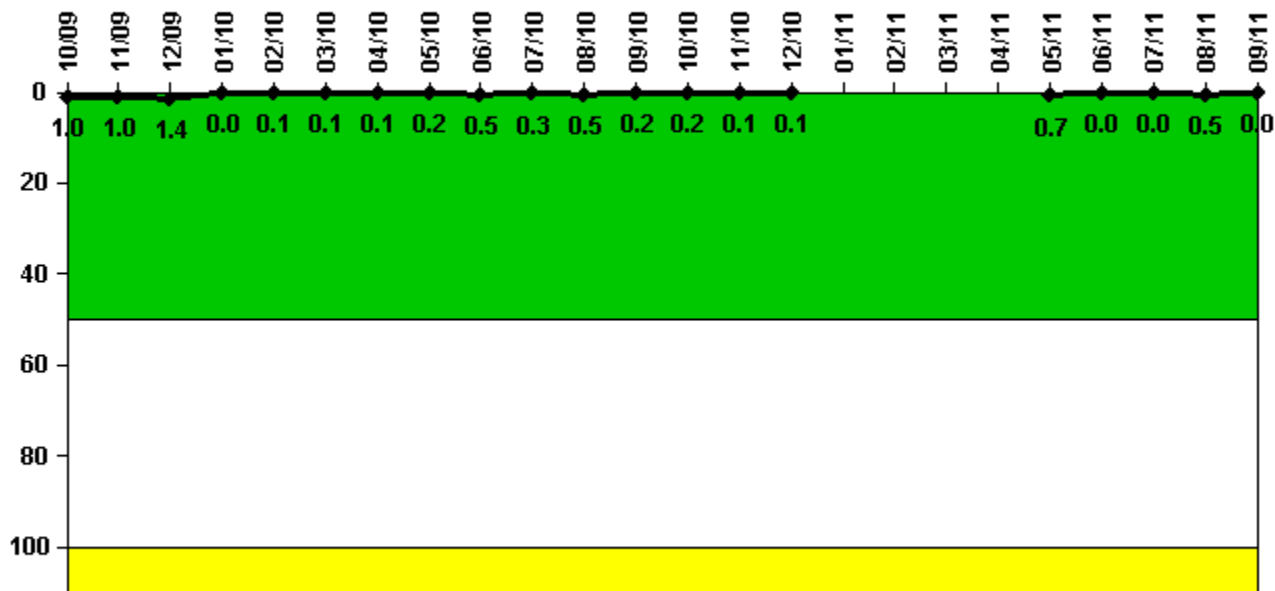
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/09	11/09	12/09	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10
Maximum activity	0.000944	0.000897	0.000944	0.000951	0.001020	0.001060	0.001030	0.001040	0.001170	0.001140	0.001110	0.001180
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	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Reactor Coolant System Activity	10/10	11/10	12/10	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11
Maximum activity	0.001180	0.001250	0.001890	N/A	N/A	N/A	N/A	0.000322	0.000357	0.000294	0.000274	0.000327
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	0.1	0.1	0.2	N/A	N/A	N/A	N/A	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

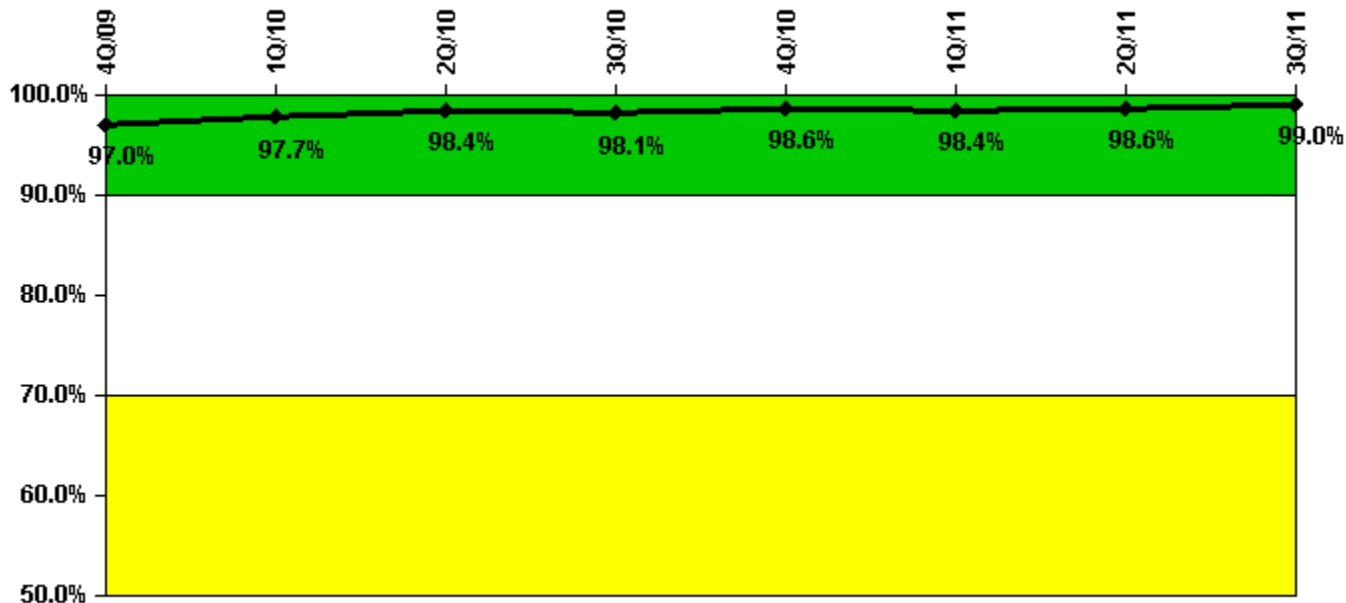
Notes

Reactor Coolant System Leakage	10/09	11/09	12/09	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10
Maximum leakage	0.100	0.100	0.140	0.002	0.010	0.007	0.010	0.020	0.050	0.030	0.050	0.015
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	1.0	1.0	1.4	0	0.1	0.1	0.1	0.2	0.5	0.3	0.5	0.2

Reactor Coolant System Leakage	10/10	11/10	12/10	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11
Maximum leakage	0.020	0.012	0.007	N/A	N/A	N/A	N/A	0.070	0.002	0.001	0.050	0.002
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	0.1	0.1	N/A	N/A	N/A	N/A	0.7	0	0	0.5	0

Licensee Comments: none

Drill/Exercise Performance



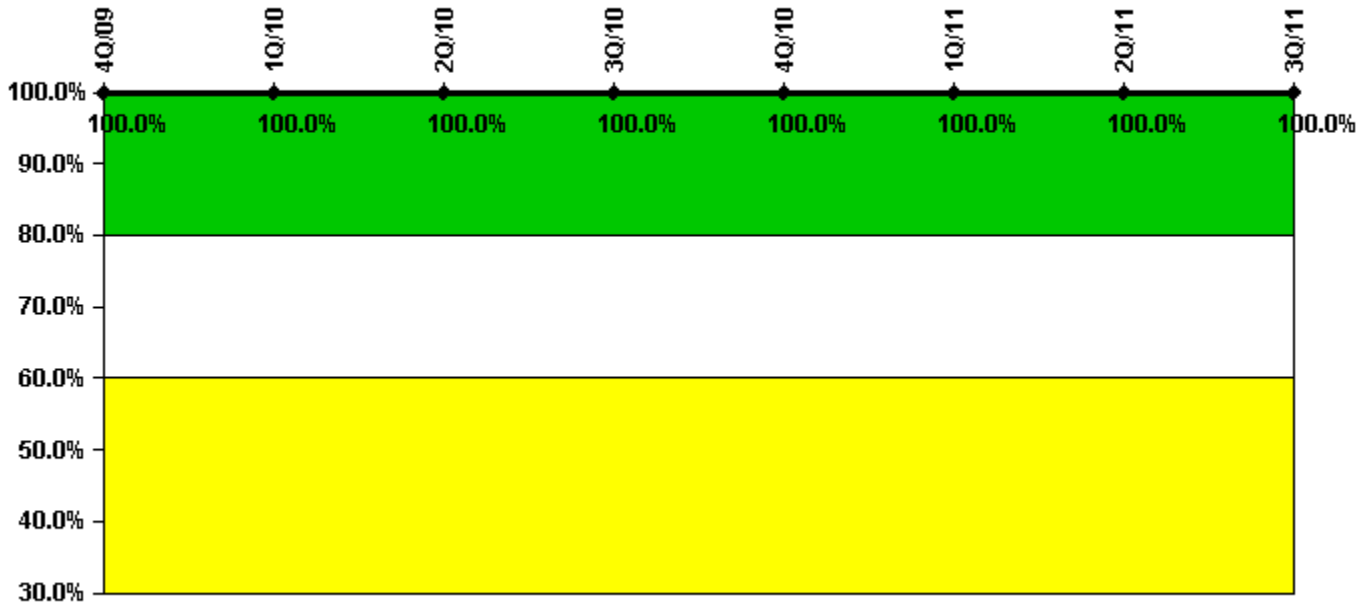
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Successful opportunities	74.0	21.0	9.0	76.0	52.0	0	69.0	85.0
Total opportunities	75.0	21.0	9.0	78.0	52.0	0	69.0	86.0
Indicator value	97.0%	97.7%	98.4%	98.1%	98.6%	98.4%	98.6%	99.0%

Licensee Comments: none

ERO Drill Participation



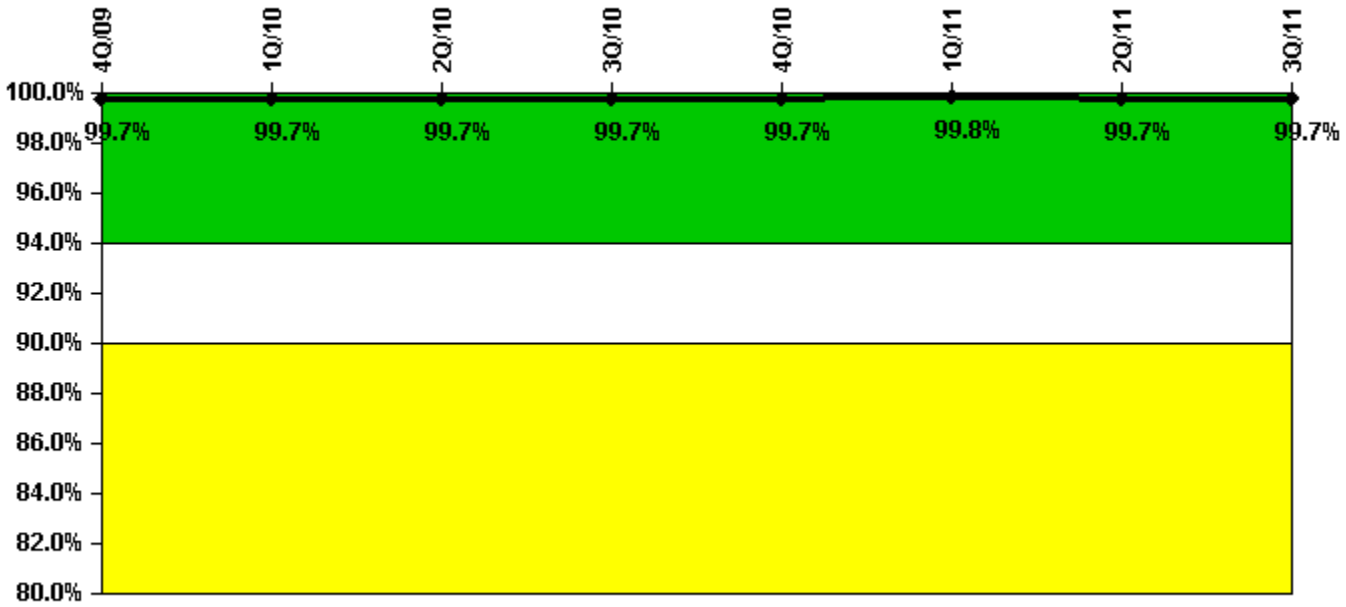
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Participating Key personnel	96.0	93.0	91.0	88.0	85.0	83.0	88.0	105.0
Total Key personnel	96.0	93.0	91.0	88.0	85.0	83.0	88.0	105.0
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	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Successful siren-tests	718	627	718	628	718	630	715	629
Total sirens-tests	720	630	720	630	720	630	720	630
Indicator value	99.7%	99.7%	99.7%	99.7%	99.7%	99.8%	99.7%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
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	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
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.