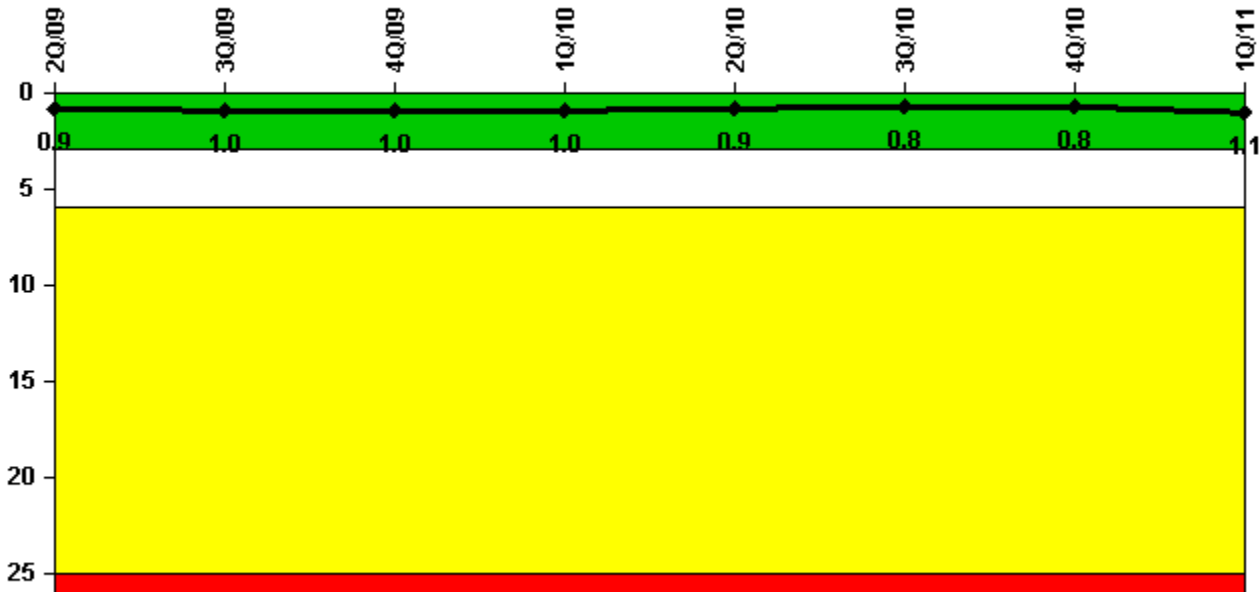


Saint Lucie 2

1Q/2011 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



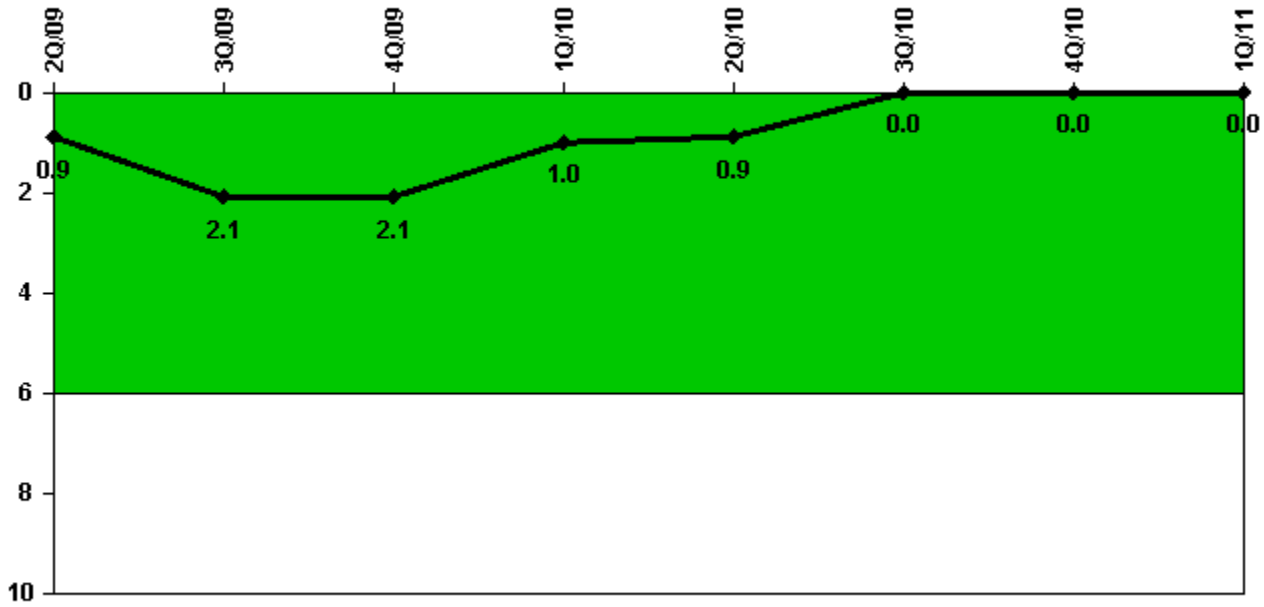
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Unplanned scrams	1.0	0	0	0	1.0	0	0	0
Critical hours	1018.6	1402.9	2209.0	2159.0	2049.2	2208.0	2209.0	41.0
Indicator value	0.9	1.0	1.0	1.0	0.9	0.8	0.8	1.1

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Unplanned power changes	0	1.0	0	0	0	0	0	0
Critical hours	1018.6	1402.9	2209.0	2159.0	2049.2	2208.0	2209.0	41.0
Indicator value	0.9	2.1	2.1	1.0	0.9	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



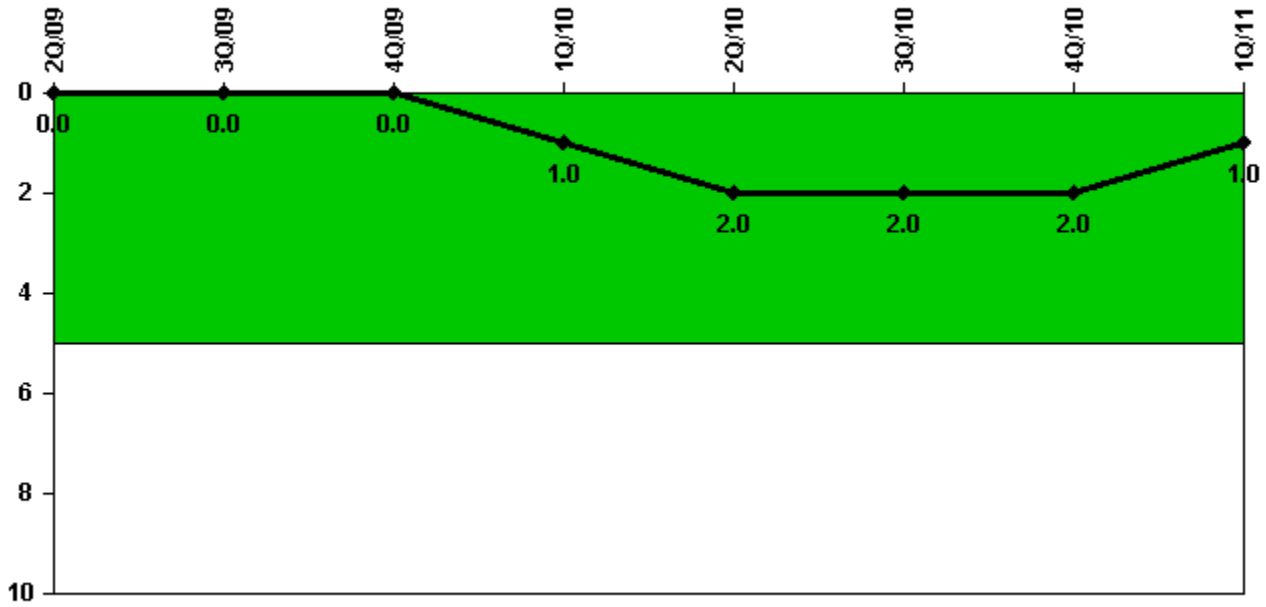
Thresholds: White > 1.0

Notes

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



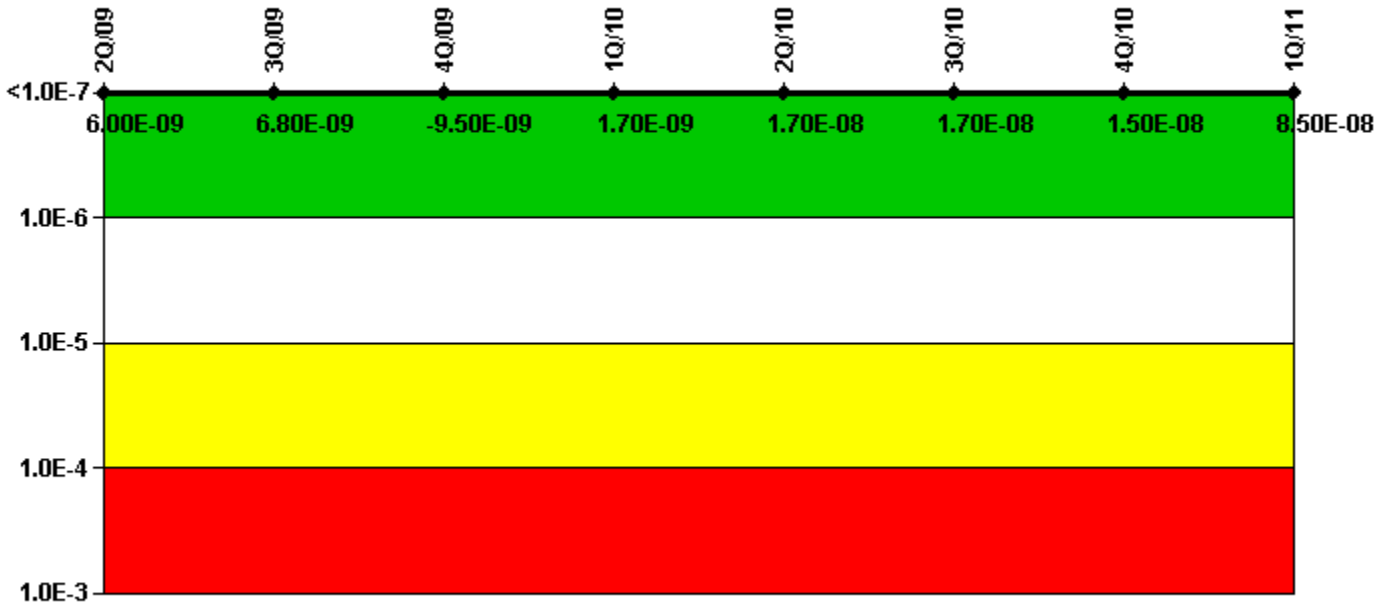
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



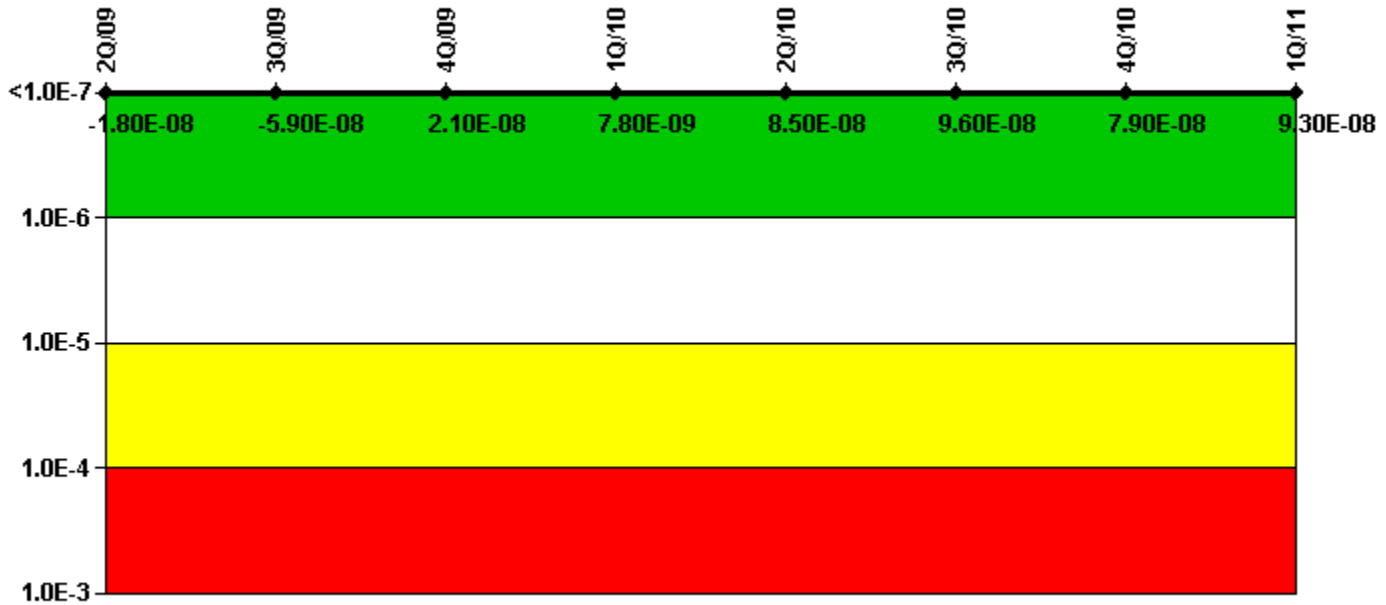
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (Δ CDF)	3.69E-08	3.77E-08	7.39E-09	1.86E-08	2.24E-08	2.24E-08	2.03E-08	2.17E-08
URI (Δ CDF)	-3.09E-08	-3.09E-08	-1.69E-08	-1.69E-08	-5.15E-09	-5.15E-09	-5.15E-09	6.34E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	6.00E-09	6.80E-09	-9.50E-09	1.70E-09	1.70E-08	1.70E-08	1.50E-08	8.50E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



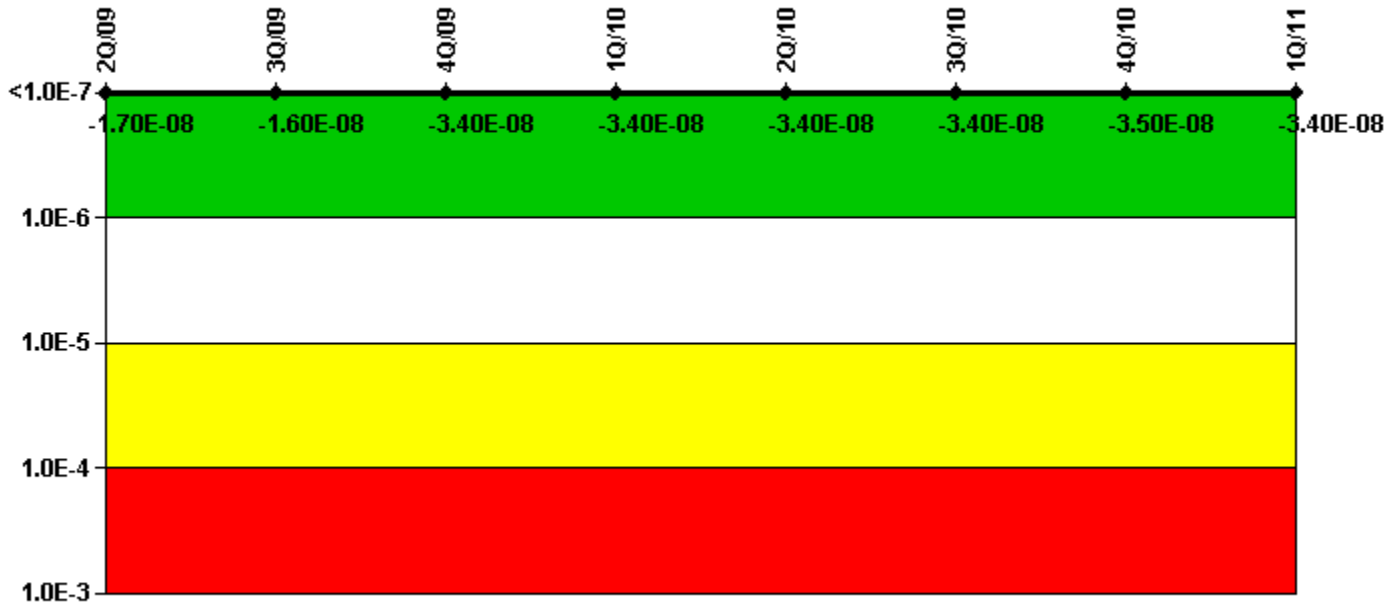
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (Δ CDF)	$1.15E-07$	$7.44E-08$	$1.93E-07$	$1.80E-07$	$2.57E-07$	$2.68E-07$	$2.51E-07$	$2.65E-07$
URI (Δ CDF)	$-1.34E-07$	$-1.34E-07$	$-1.72E-07$	$-1.72E-07$	$-1.72E-07$	$-1.72E-07$	$-1.72E-07$	$-1.72E-07$
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	$-1.80E-08$	$-5.90E-08$	$2.10E-08$	$7.80E-09$	$8.50E-08$	$9.60E-08$	$7.90E-08$	$9.30E-08$

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



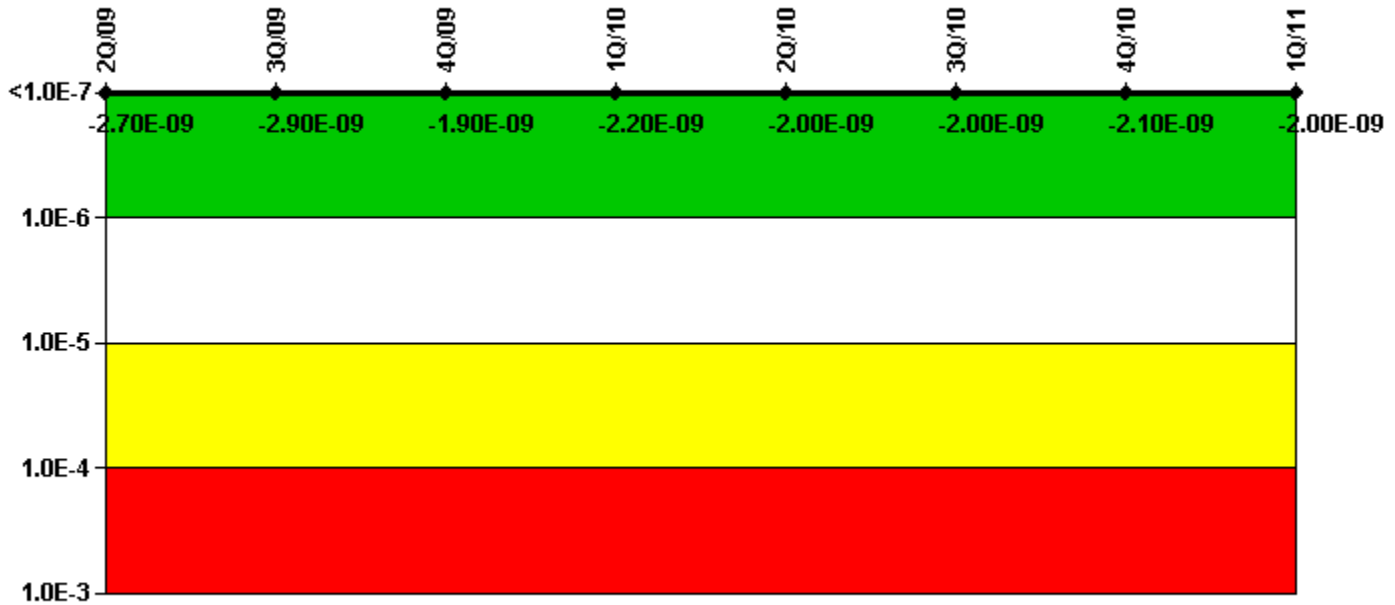
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (Δ CDF)	-2.11E-08	-1.98E-08	-1.54E-10	-1.54E-10	-9.66E-11	-2.25E-10	-1.06E-09	-3.84E-10
URI (Δ CDF)	4.23E-09	4.23E-09	-3.37E-08	-3.37E-08	-3.40E-08	-3.40E-08	-3.40E-08	-3.40E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.70E-08	-1.60E-08	-3.40E-08	-3.40E-08	-3.40E-08	-3.40E-08	-3.50E-08	-3.40E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



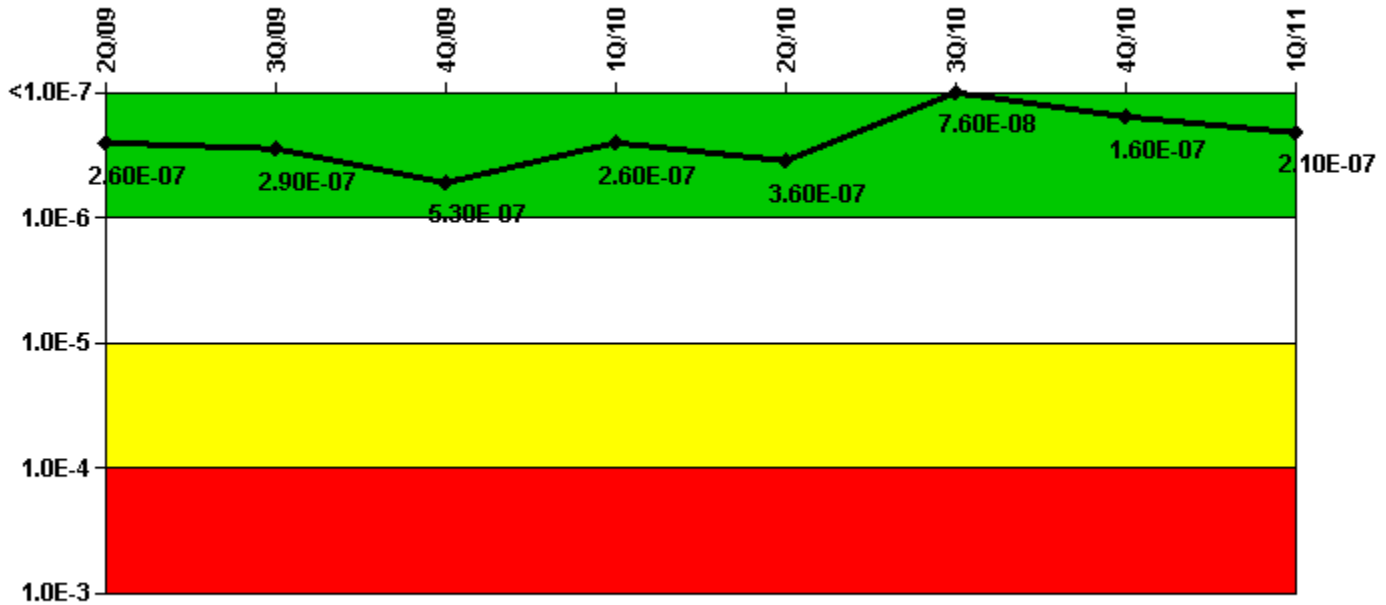
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (Δ CDF)	4.55E-10	2.55E-10	2.17E-10	-6.03E-11	1.27E-10	1.87E-10	9.77E-11	1.96E-10
URI (Δ CDF)	-3.19E-09	-3.19E-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	-2.70E-09	-2.90E-09	-1.90E-09	-2.20E-09	-2.00E-09	-2.00E-09	-2.10E-09	-2.00E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



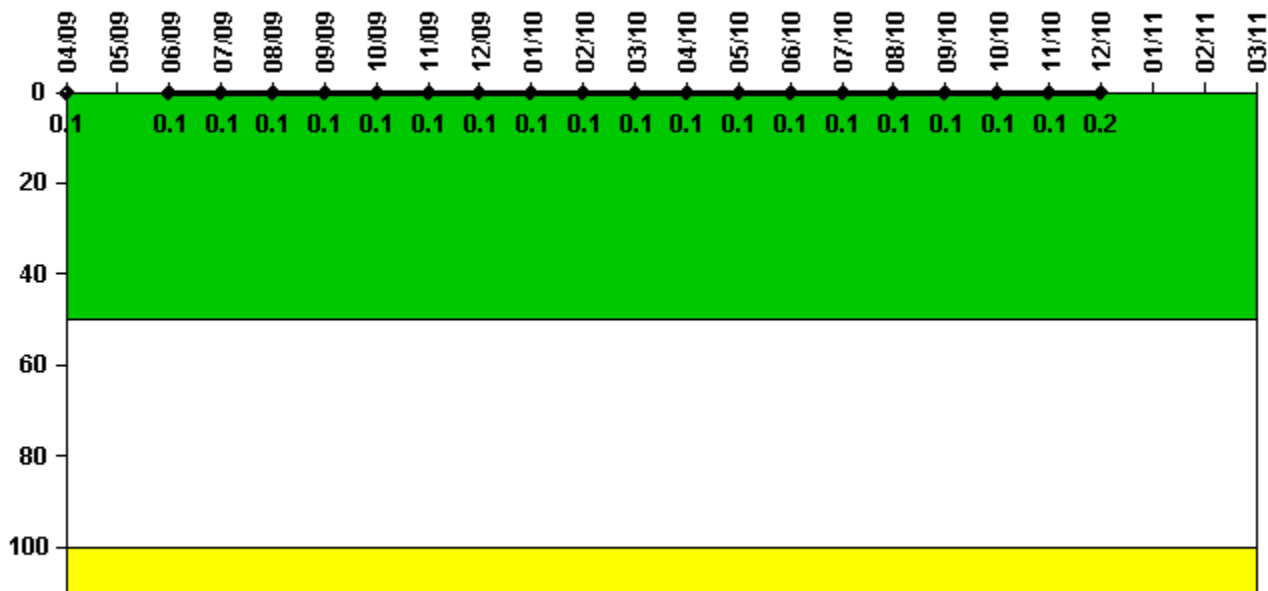
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (ΔCDF)	2.66E-07	2.96E-07	5.41E-07	2.70E-07	3.70E-07	8.50E-08	1.66E-07	2.21E-07
URI (ΔCDF)	-1.07E-08	-1.07E-08	-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	2.60E-07	2.90E-07	5.30E-07	2.60E-07	3.60E-07	7.60E-08	1.60E-07	2.10E-07

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

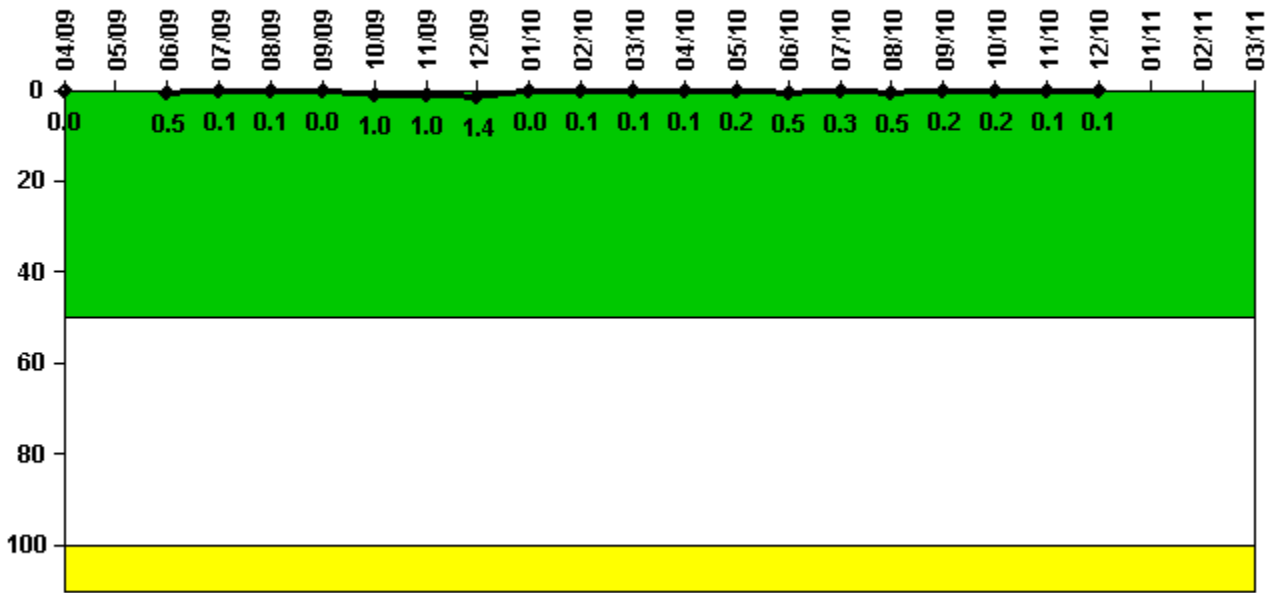
Notes

Reactor Coolant System Activity	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10
Maximum activity	0.001330	N/A	0.000809	0.000847	0.000864	0.000892	0.000944	0.000897	0.000944	0.000951	0.001020	0.001060
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	N/A	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

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	0.001030	0.001040	0.001170	0.001140	0.001110	0.001180	0.001180	0.001250	0.001890	N/A	N/A	N/A
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	0.2	N/A	N/A	N/A

Licensee Comments: none

Reactor Coolant System Leakage



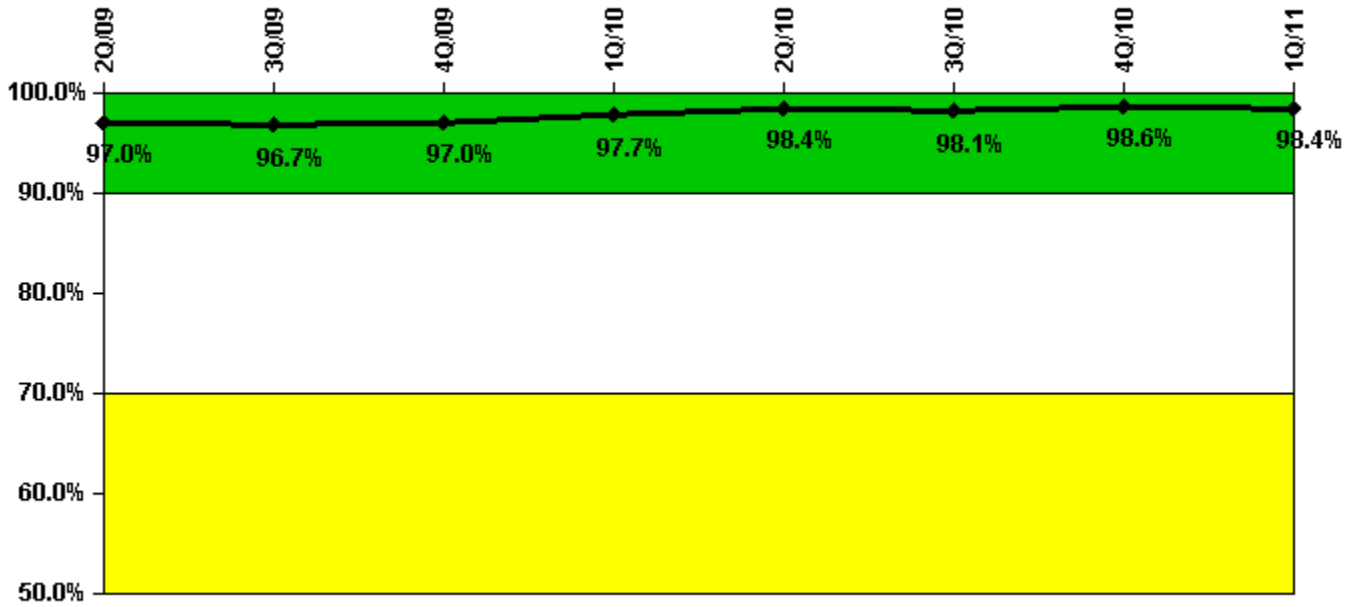
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10
Maximum leakage	0	N/A	0.053	0.005	0.005	0	0.100	0.100	0.140	0.002	0.010	0.007
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	N/A	0.5	0.1	0.1	0	1.0	1.0	1.4	0	0.1	0.1
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	0.020	0.050	0.030	0.050	0.015	0.020	0.012	0.007	N/A	N/A	N/A
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	0.2	0.5	0.3	0.5	0.2	0.2	0.1	0.1	N/A	N/A	N/A

Licensee Comments: none

Drill/Exercise Performance



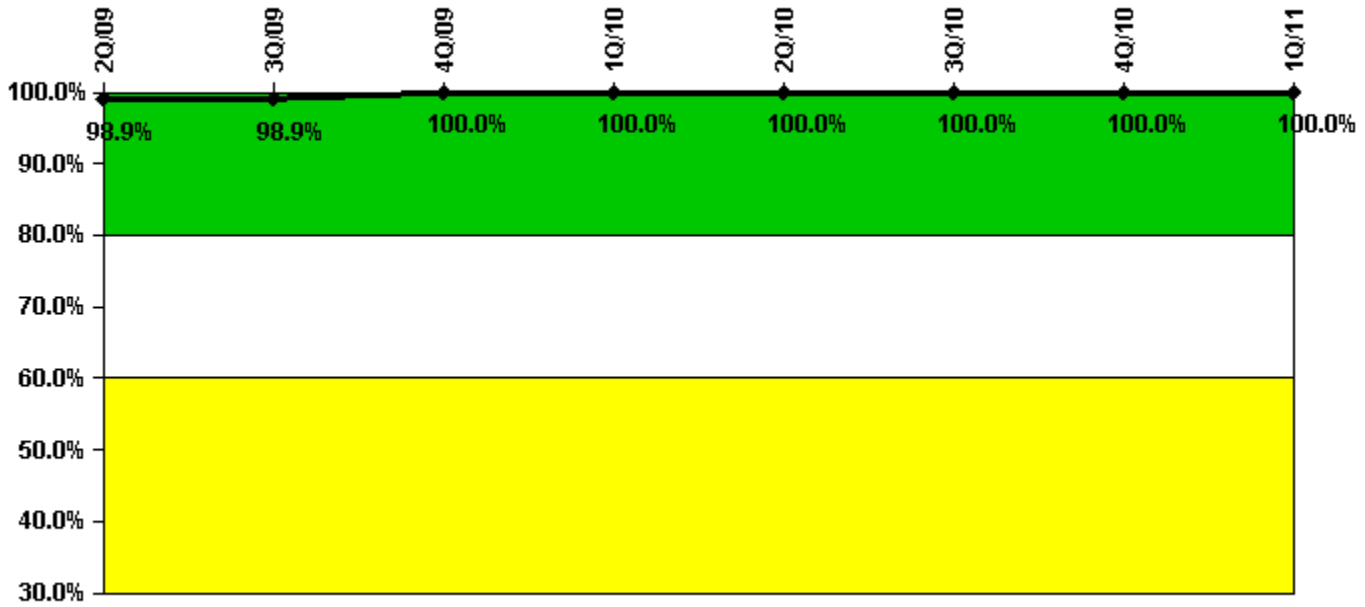
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Successful opportunities	26.0	51.0	74.0	21.0	9.0	76.0	52.0	0
Total opportunities	26.0	53.0	75.0	21.0	9.0	78.0	52.0	0
Indicator value	97.0%	96.7%	97.0%	97.7%	98.4%	98.1%	98.6%	98.4%

Licensee Comments: none

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

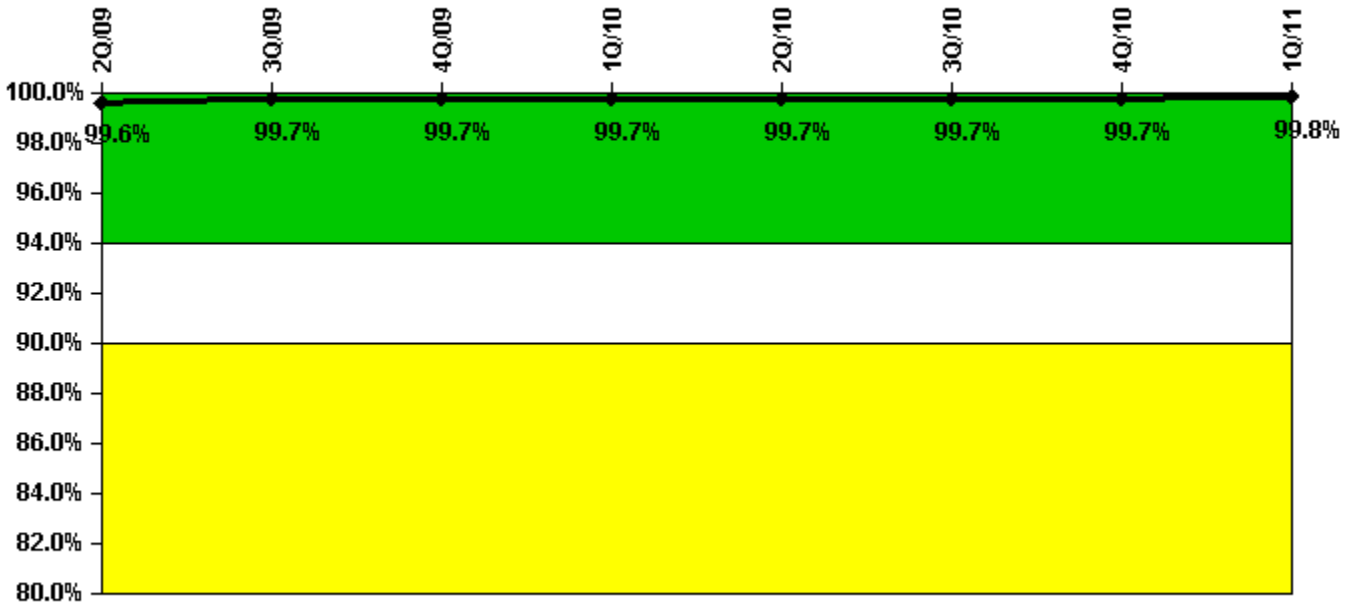
Notes

ERO Drill Participation	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Participating Key personnel	93.0	92.0	96.0	93.0	91.0	88.0	85.0	83.0
Total Key personnel	94.0	93.0	96.0	93.0	91.0	88.0	85.0	83.0
Indicator value	98.9%	98.9%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments:

4Q/10: 4Q/2010 data corrected from 86/86 to 85/85.

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Successful siren-tests	717	630	718	627	718	628	718	630
Total sirens-tests	720	630	720	630	720	630	720	630
Indicator value	99.6%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

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