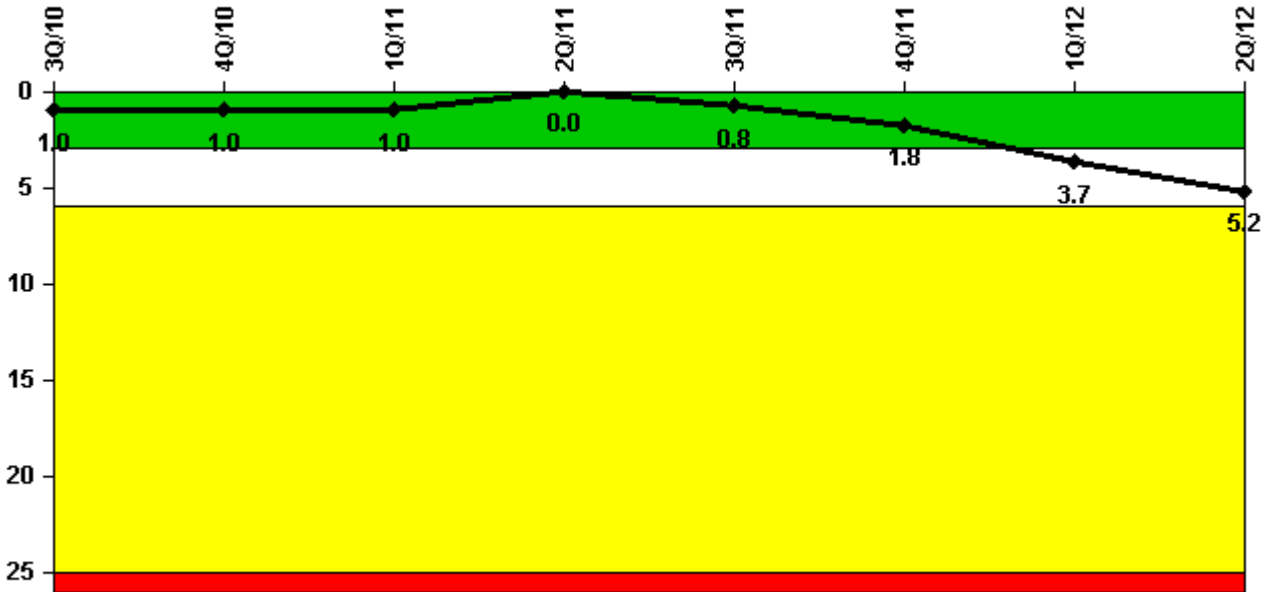


Saint Lucie 1

2Q/2012 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



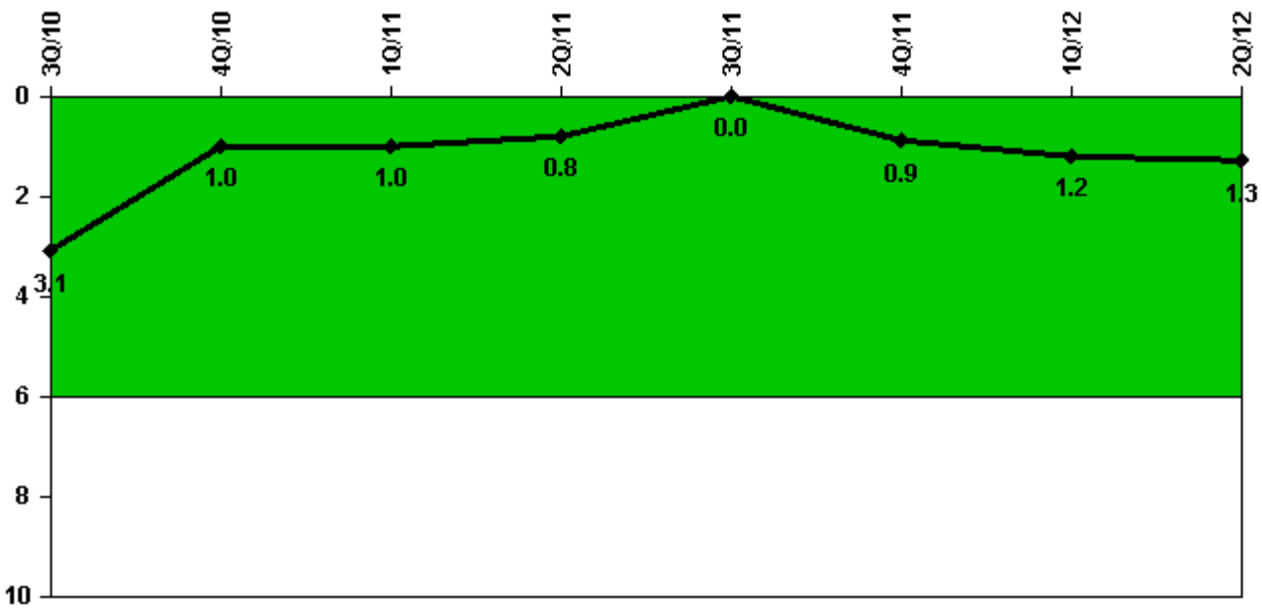
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Unplanned scrams	0	0	0	0	1.0	1.0	1.0	1.0
Critical hours	2208.0	2209.0	2159.0	2184.0	2123.2	1295.7	70.9	1845.5
Indicator value	1.0	1.0	1.0	0	0.8	1.8	3.7	5.2

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



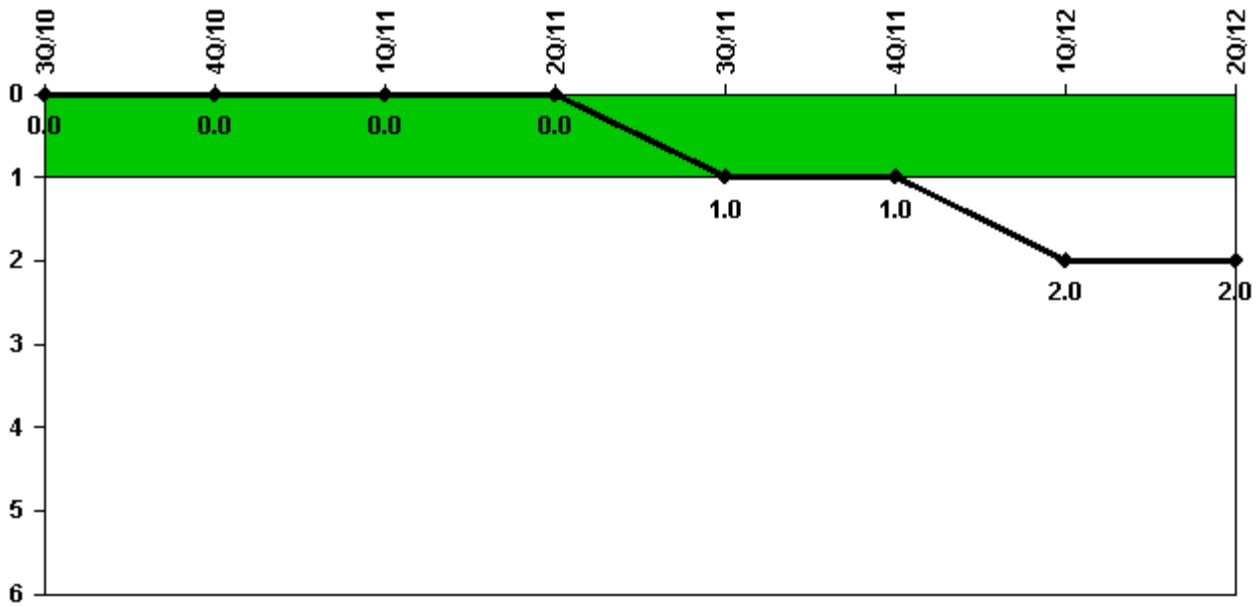
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Unplanned power changes	1.0	0	0	0	0	1.0	0	0
Critical hours	2208.0	2209.0	2159.0	2184.0	2123.2	1295.7	70.9	1845.5
Indicator value	3.1	1.0	1.0	0.8	0	0.9	1.2	1.3

Licensee Comments: none

Unplanned Scrams with Complications



Thresholds: White > 1.0

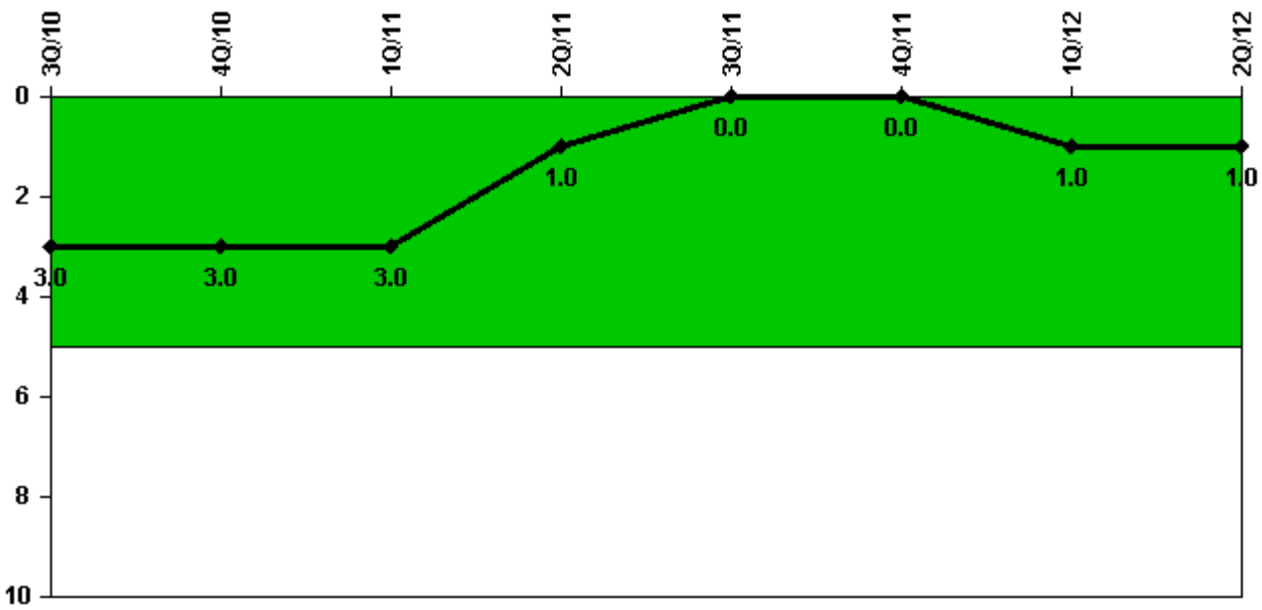
Notes

Unplanned Scrams with Complications	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Scrams with complications	0	0	0	0	1.0	0	1.0	0
Indicator value	0.0	0.0	0.0	0.0	1.0	1.0	2.0	2.0

Licensee Comments:

1Q/12: FPL is submitting a FAQ concerning the March USwC. This data element may be changed based on the outcome of the FAQ.

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

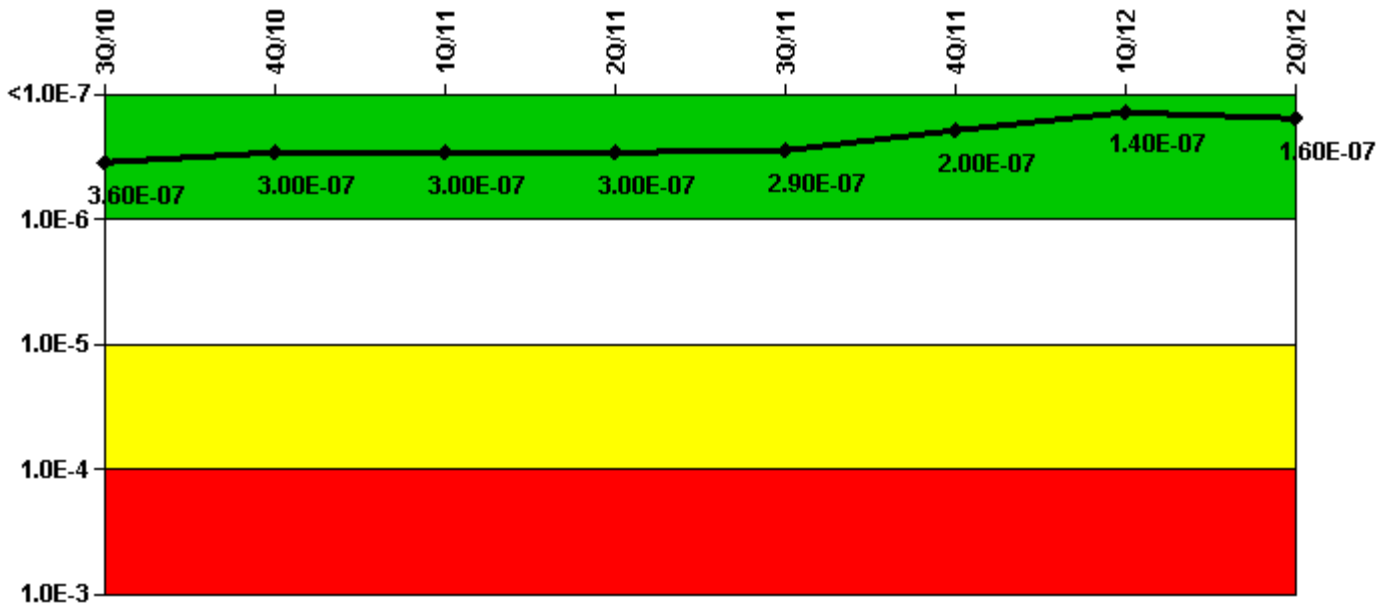
Safety System Functional Failures (PWR)	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Safety System Functional Failures	1	0	0	0	0	0	1	0
Indicator value	3	3	3	1	0	0	1	1

Licensee Comments:

1Q/12: Jan SSFF documented in LER 50-335/2011-003-00

3Q/10: Unit 1 LER 2010-004 dated 7/16/2010 - Operation in a Condition Prohibited by Technical Specifications for the Shield Building Ventilation System.

Mitigating Systems Performance Index, Emergency AC Power System



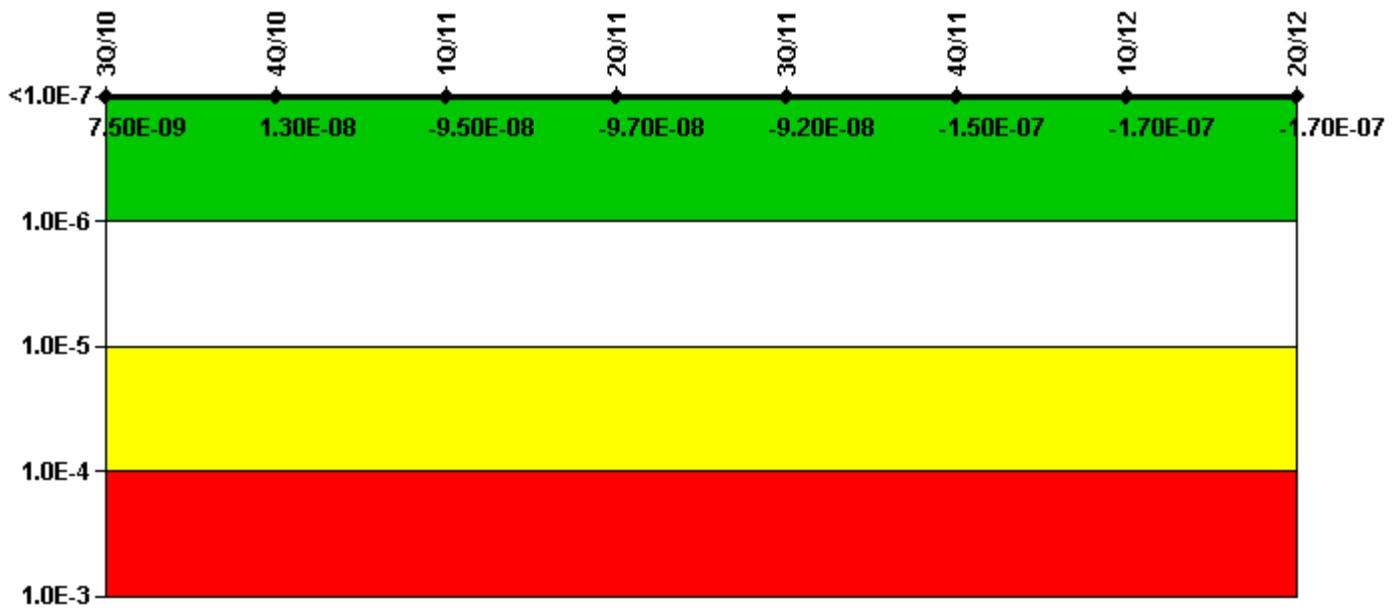
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (ΔCDF)	5.36E-08	6.15E-08	6.19E-08	6.25E-08	5.39E-08	5.40E-08	4.63E-08	5.21E-08
URI (ΔCDF)	3.05E-07	2.34E-07	2.34E-07	2.34E-07	2.34E-07	1.46E-07	9.44E-08	1.12E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.60E-07	3.00E-07	3.00E-07	3.00E-07	2.90E-07	2.00E-07	1.40E-07	1.60E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



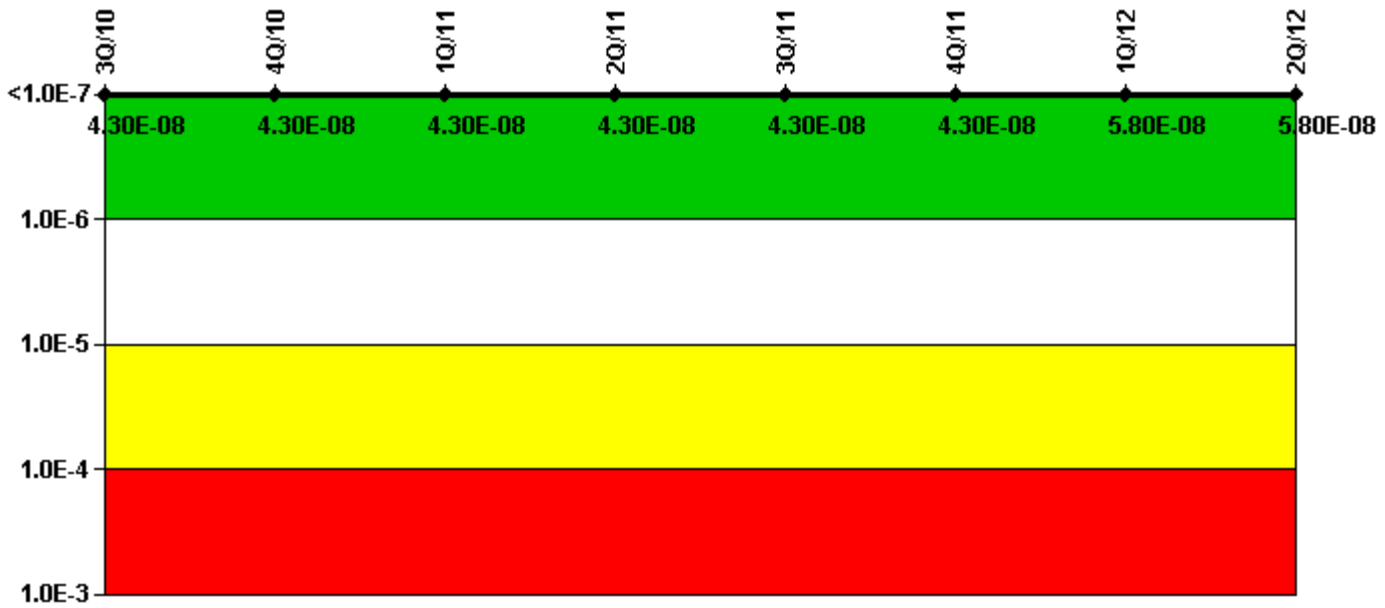
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (Δ CDF)	1.35E-07	1.40E-07	3.32E-08	3.09E-08	3.59E-08	-2.17E-08	-4.62E-08	-4.40E-08
URI (Δ CDF)	-1.28E-07	-1.28E-07	-1.28E-07	-1.28E-07	-1.28E-07	-1.28E-07	-1.28E-07	-1.28E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	7.50E-09	1.30E-08	-9.50E-08	-9.70E-08	-9.20E-08	-1.50E-07	-1.70E-07	-1.70E-07

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



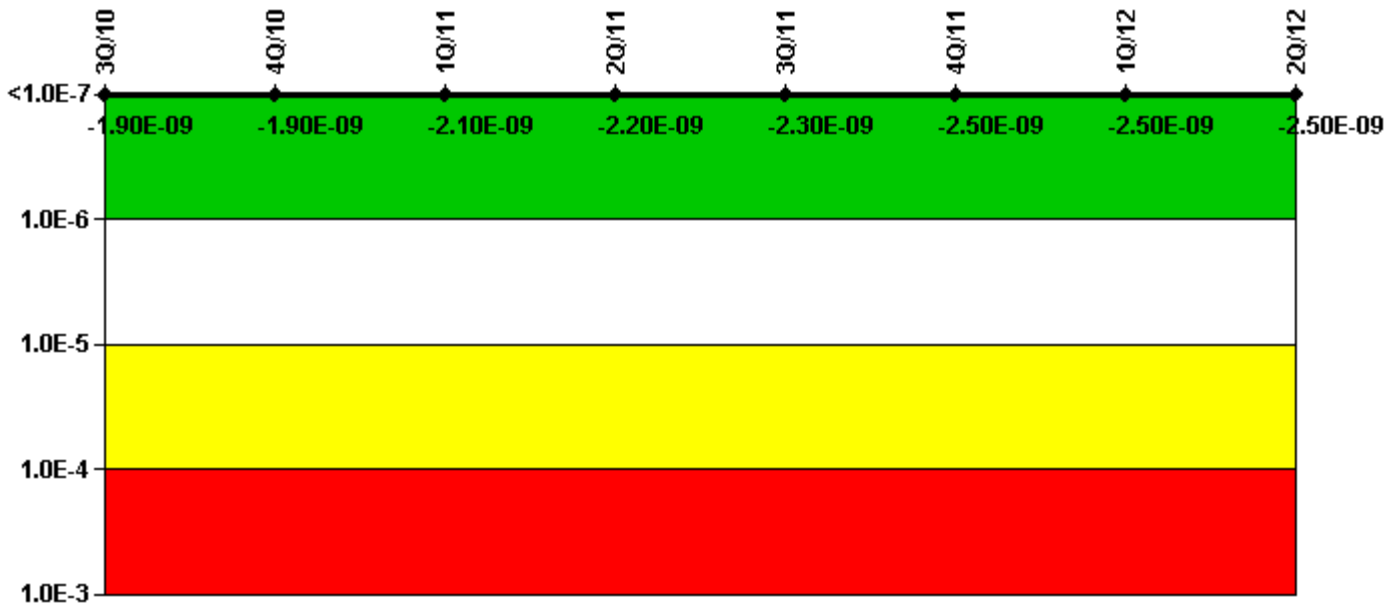
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (Δ CDF)	7.14E-09	7.14E-09	7.16E-09	7.16E-09	7.14E-09	7.88E-09	9.09E-09	9.31E-09
URI (Δ CDF)	3.56E-08	3.56E-08	3.56E-08	3.56E-08	3.56E-08	3.56E-08	4.86E-08	4.86E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.30E-08	4.30E-08	4.30E-08	4.30E-08	4.30E-08	4.30E-08	5.80E-08	5.80E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



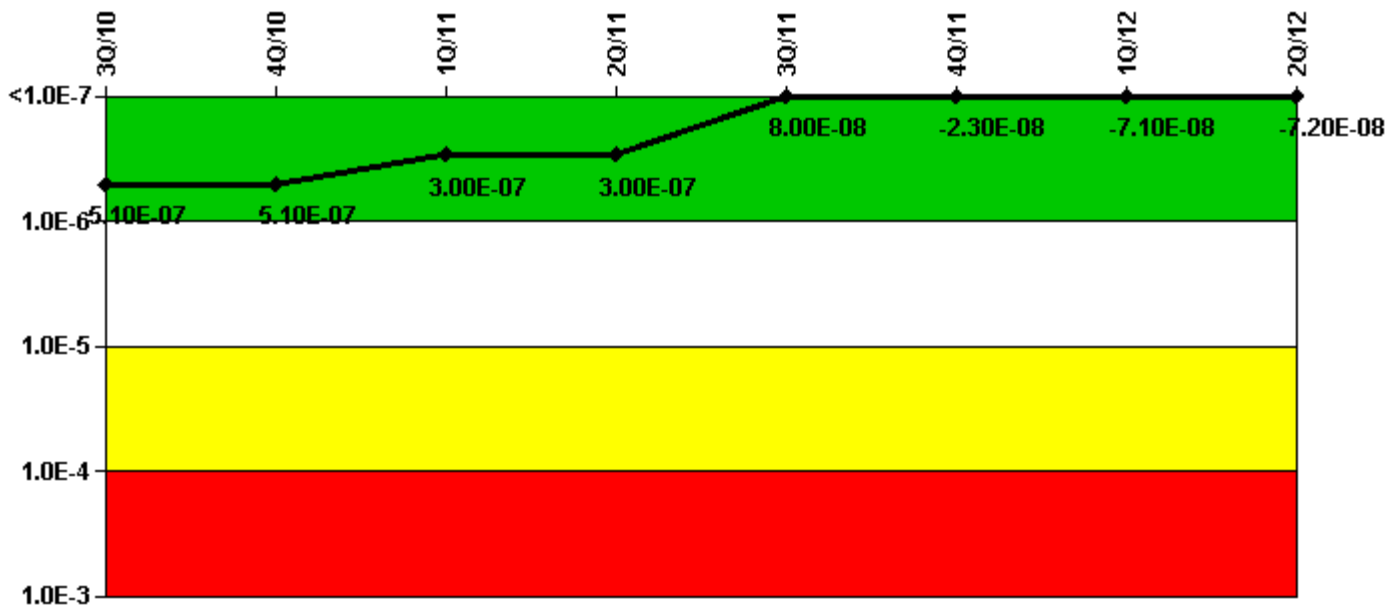
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (Δ CDF)	3.06E-10	3.08E-10	1.29E-10	7.27E-11	-3.77E-11	-2.10E-10	-2.81E-10	-2.81E-10
URI (Δ CDF)	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.90E-09	-1.90E-09	-2.10E-09	-2.20E-09	-2.30E-09	-2.50E-09	-2.50E-09	-2.50E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



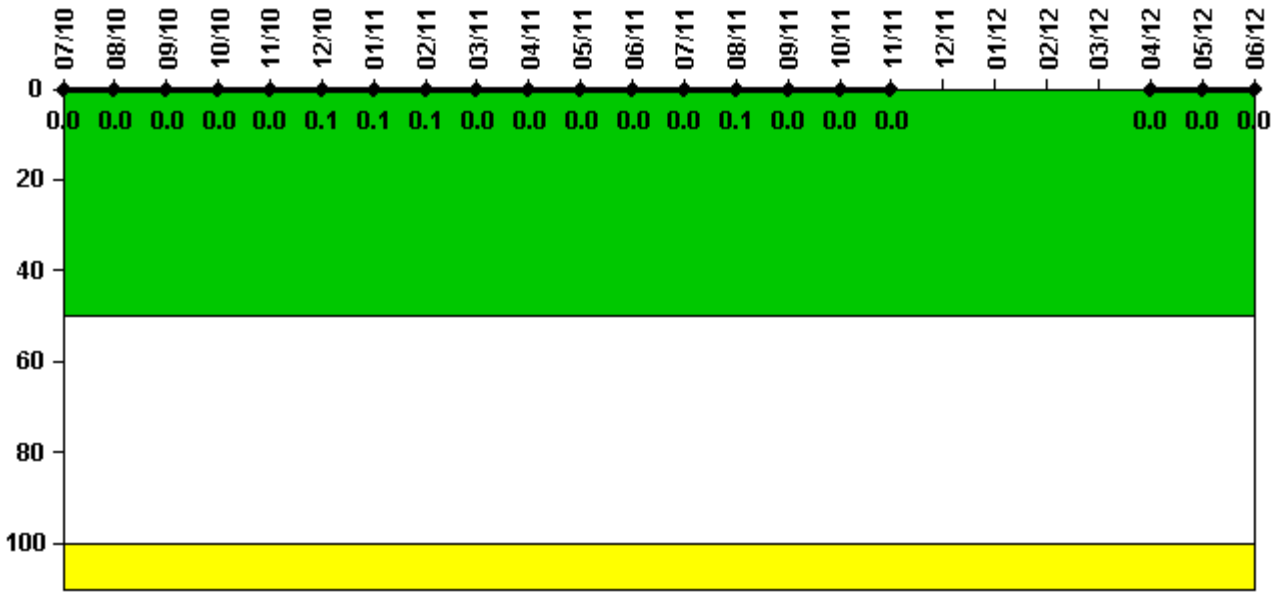
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (Δ CDF)	5.42E-07	5.42E-07	3.41E-07	3.38E-07	1.16E-07	1.32E-08	-3.42E-08	-3.60E-08
URI (Δ CDF)	-3.64E-08	-3.64E-08	-3.64E-08	-3.64E-08	-3.64E-08	-3.64E-08	-3.64E-08	-3.64E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	5.10E-07	5.10E-07	3.00E-07	3.00E-07	8.00E-08	-2.30E-08	-7.10E-08	-7.20E-08

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

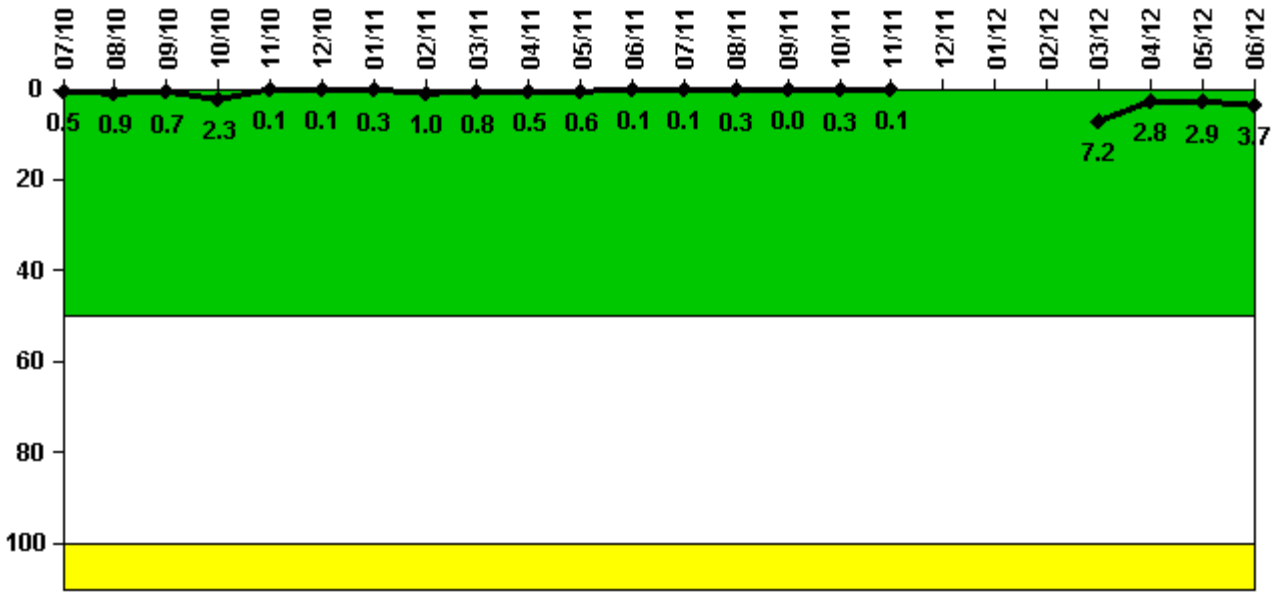
Notes

Reactor Coolant System Activity	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11	4/11	5/11	6/11
Maximum activity	0.000395	0.000352	0.000436	0.000474	0.000476	0.000552	0.000590	0.000612	0.000355	0.000362	0.000395	0.000398
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	0.1	0.1	0.1	0	0	0	0

Reactor Coolant System Activity	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12	4/12	5/12	6/12
Maximum activity	0.000351	0.000572	0.000376	0.000417	0.000379	N/A	N/A	N/A	N/A	0.000031	0.000115	0.000194
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	0.1	0	0	0	N/A	N/A	N/A	N/A	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



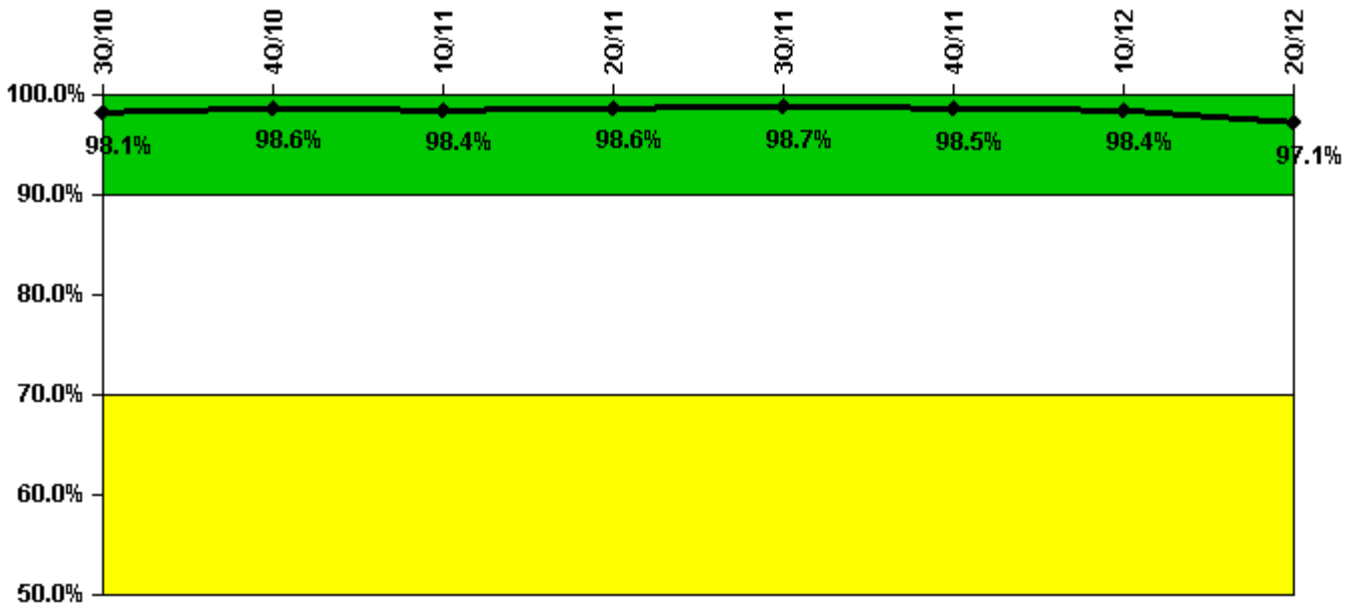
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11	4/11	5/11	6/11
Maximum leakage	0.045	0.094	0.070	0.230	0.010	0.010	0.030	0.100	0.080	0.050	0.060	0.010
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	0.5	0.9	0.7	2.3	0.1	0.1	0.3	1.0	0.8	0.5	0.6	0.1
Reactor Coolant System Leakage	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12	4/12	5/12	6/12
Maximum leakage	0.009	0.025	0.004	0.030	0.005	N/A	N/A	N/A	0.720	0.275	0.285	0.369
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	0.3	0	0.3	0.1	N/A	N/A	N/A	7.2	2.8	2.9	3.7

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

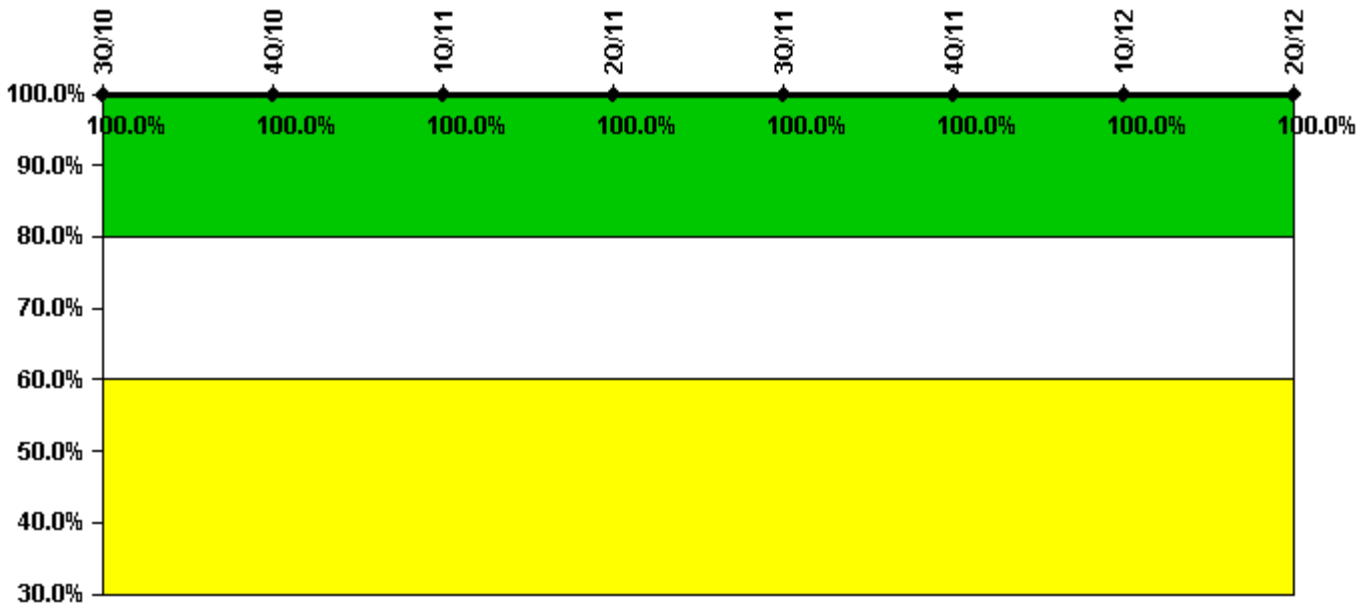
Drill/Exercise Performance	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Successful opportunities	76.0	52.0	0	69.0	92.0	9.0	0	69.0
Total opportunities	78.0	52.0	0	69.0	94.0	10.0	0	75.0
Indicator value	98.1%	98.6%	98.4%	98.6%	98.7%	98.5%	98.4%	97.1%

Licensee Comments:

3Q/11: Correction made for 3Q/2011 Successful/Total Drill Exercise & Event Opportunities

3Q/10: Minor revision made to drill, exercise and event opportunities.

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

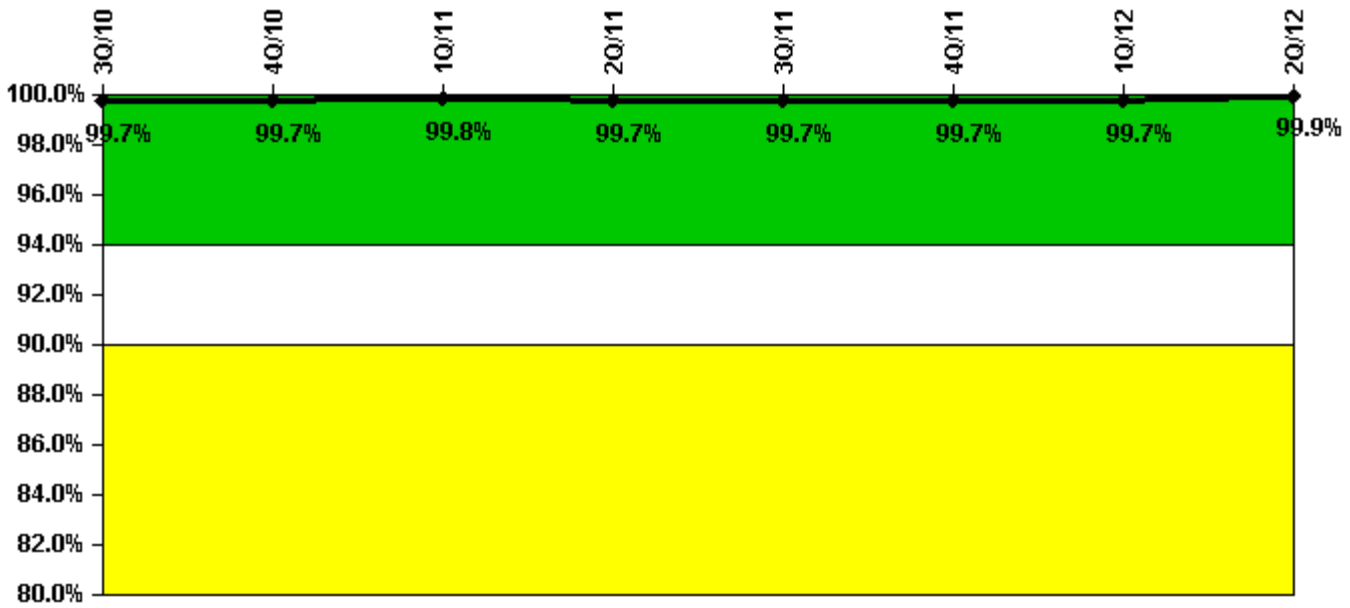
Notes

ERO Drill Participation	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Participating Key personnel	88.0	85.0	83.0	88.0	105.0	95.0	93.0	94.0
Total Key personnel	88.0	85.0	83.0	88.0	105.0	95.0	93.0	94.0
Indicator value	100.0%	100.0%	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



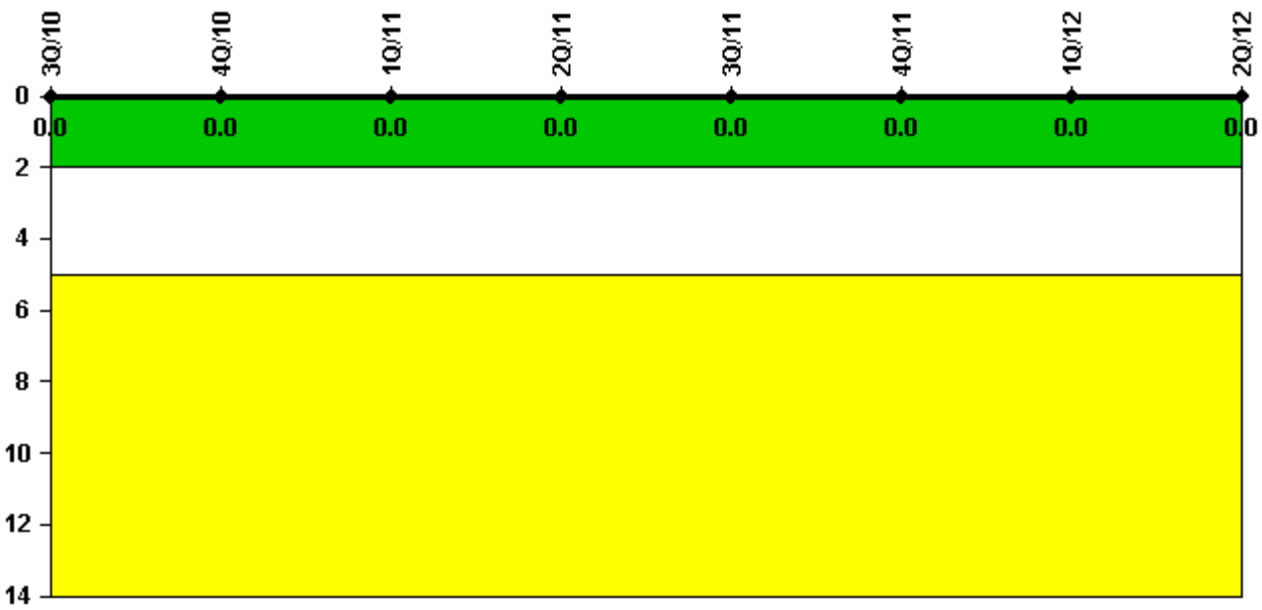
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Successful siren-tests	628	718	630	715	629	719	628	720
Total sirens-tests	630	720	630	720	630	720	630	720
Indicator value	99.7%	99.7%	99.8%	99.7%	99.7%	99.7%	99.7%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/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	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/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

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.
