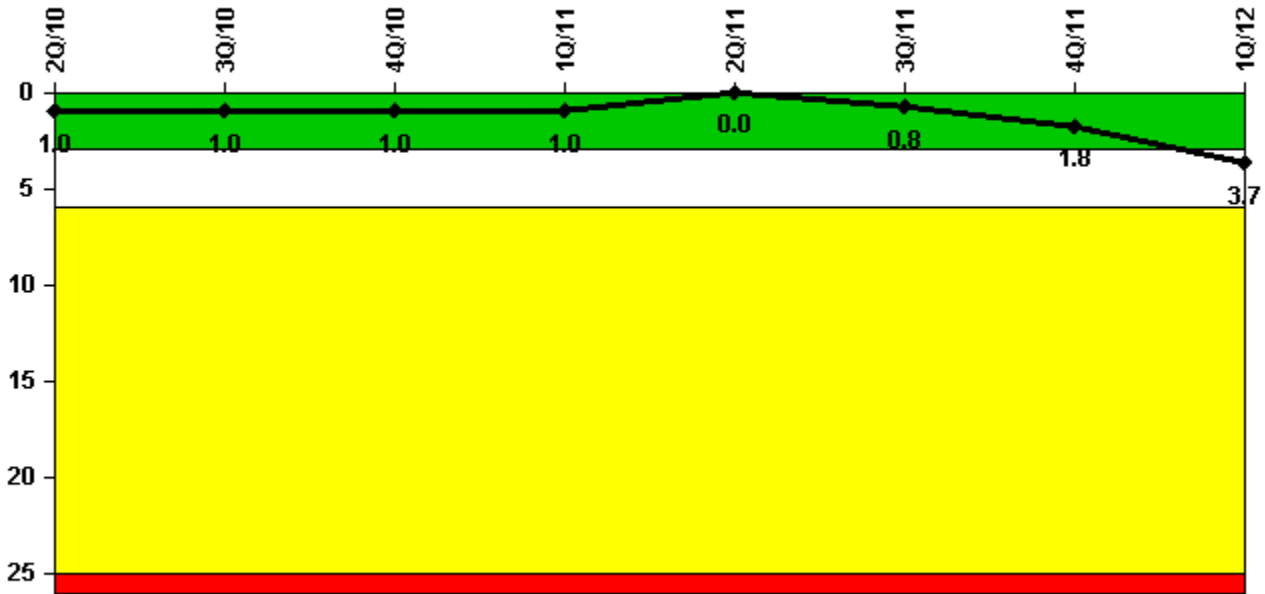


Saint Lucie 1

1Q/2012 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



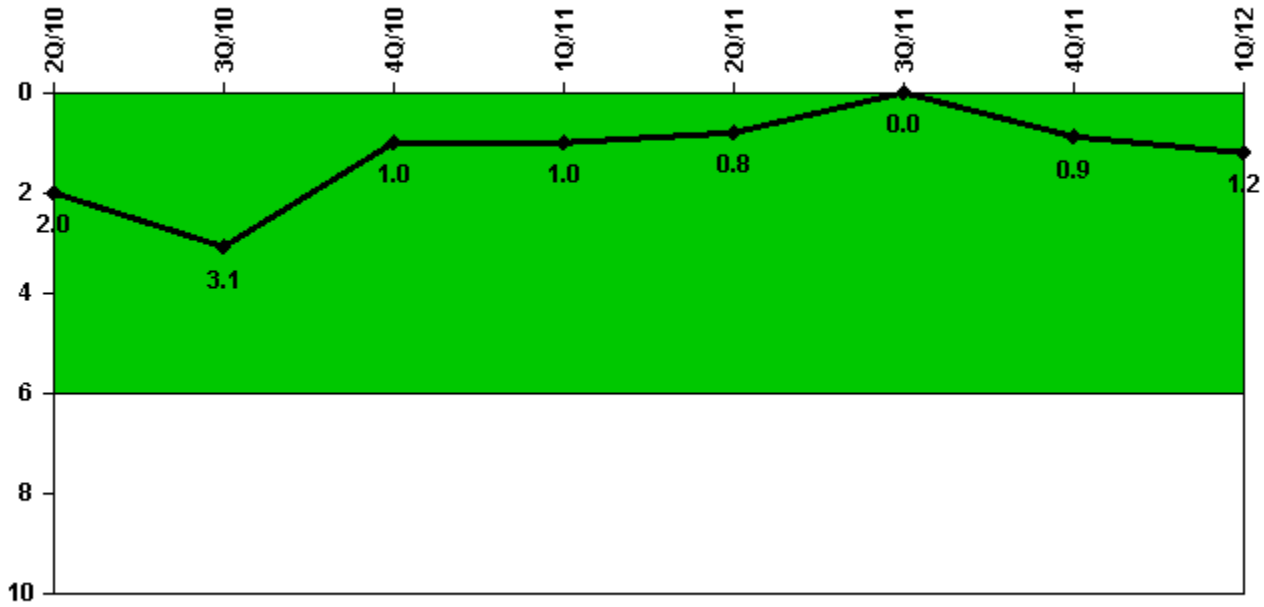
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0	0	1.0	1.0	1.0
Critical hours	291.8	2208.0	2209.0	2159.0	2184.0	2123.2	1295.7	70.9
Indicator value	1.0	1.0	1.0	1.0	0	0.8	1.8	3.7

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



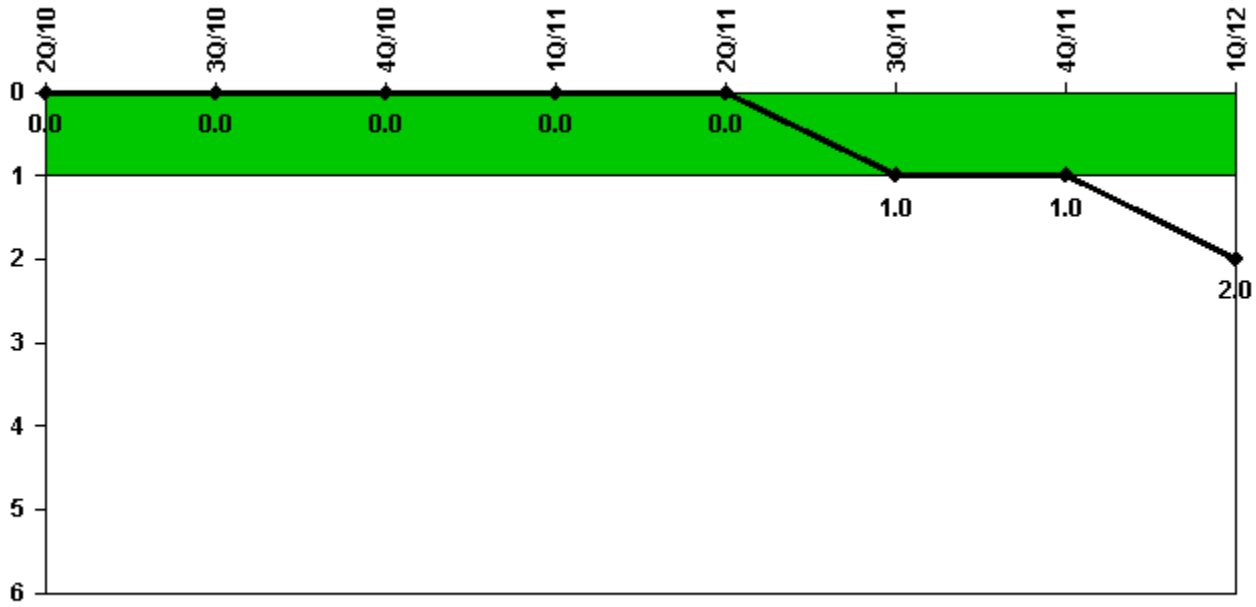
Thresholds: White > 6.0

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	1.0	0	0	0	0	1.0	0
Critical hours	291.8	2208.0	2209.0	2159.0	2184.0	2123.2	1295.7	70.9
Indicator value	2.0	3.1	1.0	1.0	0.8	0	0.9	1.2

Licensee Comments: none

Unplanned Scrams with Complications



Thresholds: White > 1.0

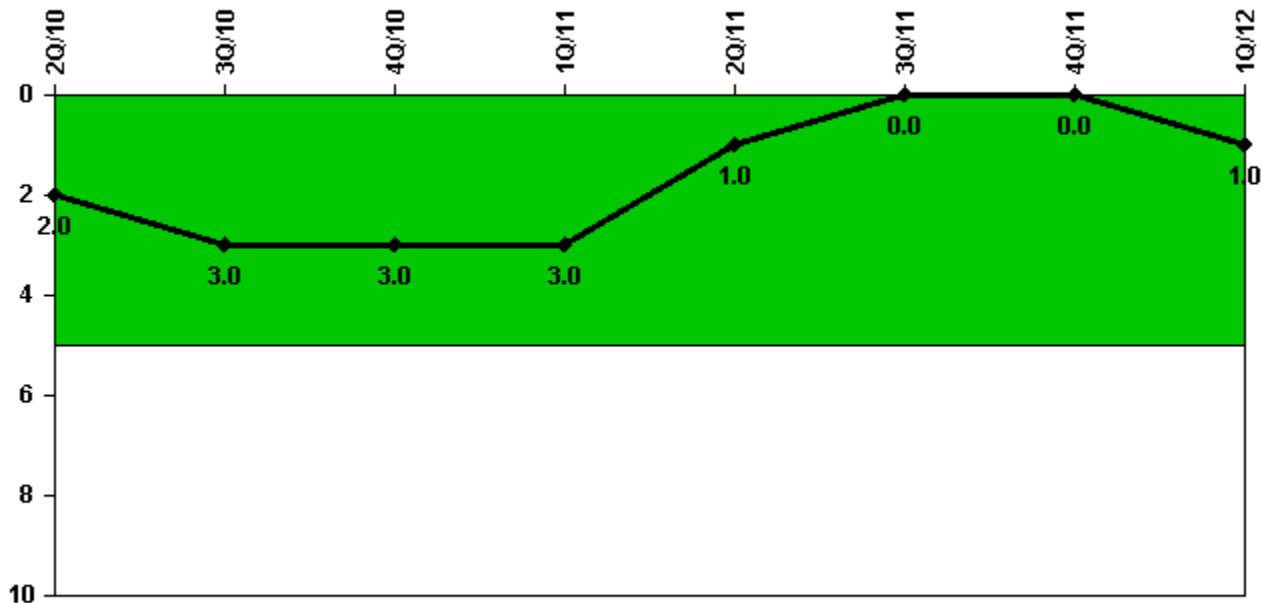
Notes

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	1.0	0	1.0
Indicator value	0.0	0.0	0.0	0.0	0.0	1.0	1.0	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)	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Safety System Functional Failures	2	1	0	0	0	0	0	1
Indicator value	2	3	3	3	1	0	0	1

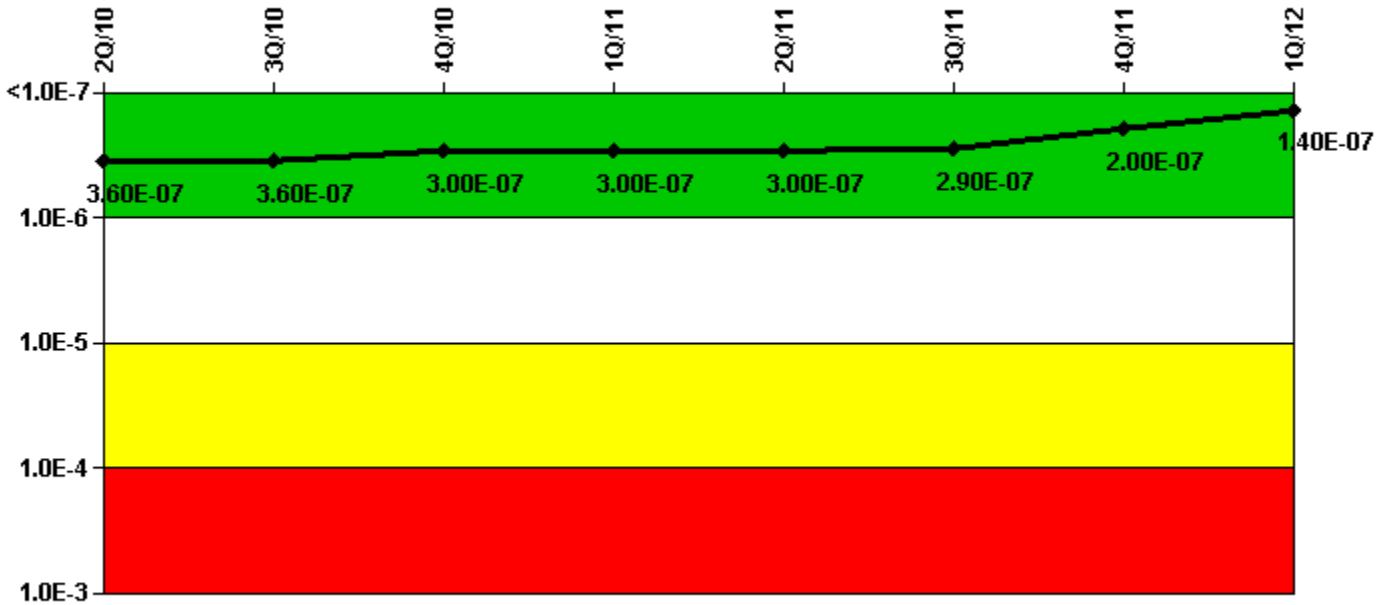
Licensee Comments:

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.

2Q/10: April SSFF documented in LER 50-335/2010-001-00, June SSFF documented in LER 50-335/2010-002-00

Mitigating Systems Performance Index, Emergency AC Power System



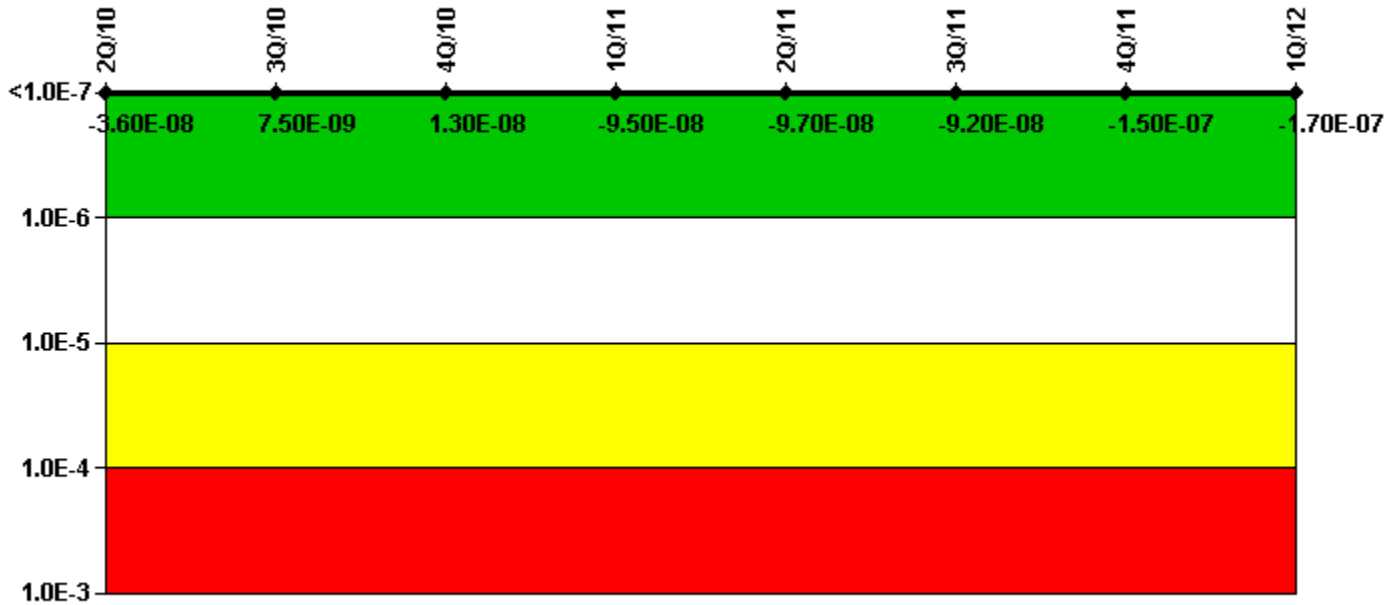
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	5.06E-08	5.36E-08	6.15E-08	6.19E-08	6.25E-08	5.39E-08	5.40E-08	4.63E-08
URI (Δ CDF)	3.05E-07	3.05E-07	2.34E-07	2.34E-07	2.34E-07	2.34E-07	1.46E-07	9.44E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.60E-07	3.60E-07	3.00E-07	3.00E-07	3.00E-07	2.90E-07	2.00E-07	1.40E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



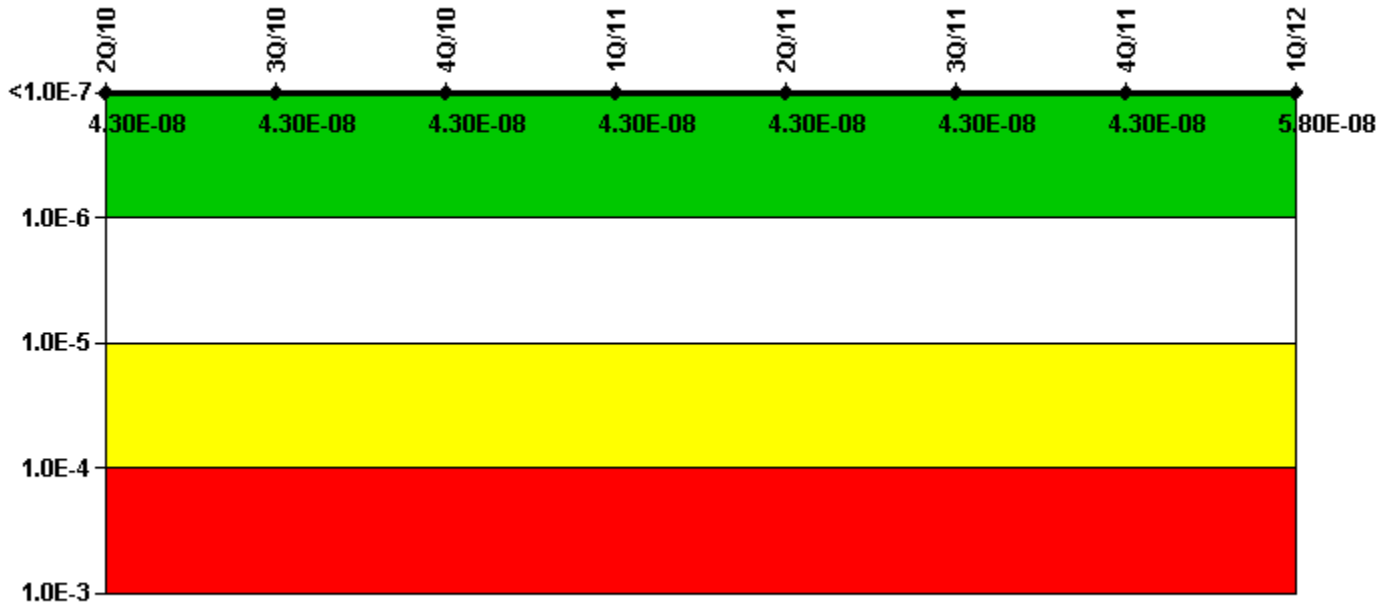
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (Δ CDF)	9.18E-08	1.35E-07	1.40E-07	3.32E-08	3.09E-08	3.59E-08	-2.17E-08	-4.62E-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	-3.60E-08	7.50E-09	1.30E-08	-9.50E-08	-9.70E-08	-9.20E-08	-1.50E-07	-1.70E-07

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



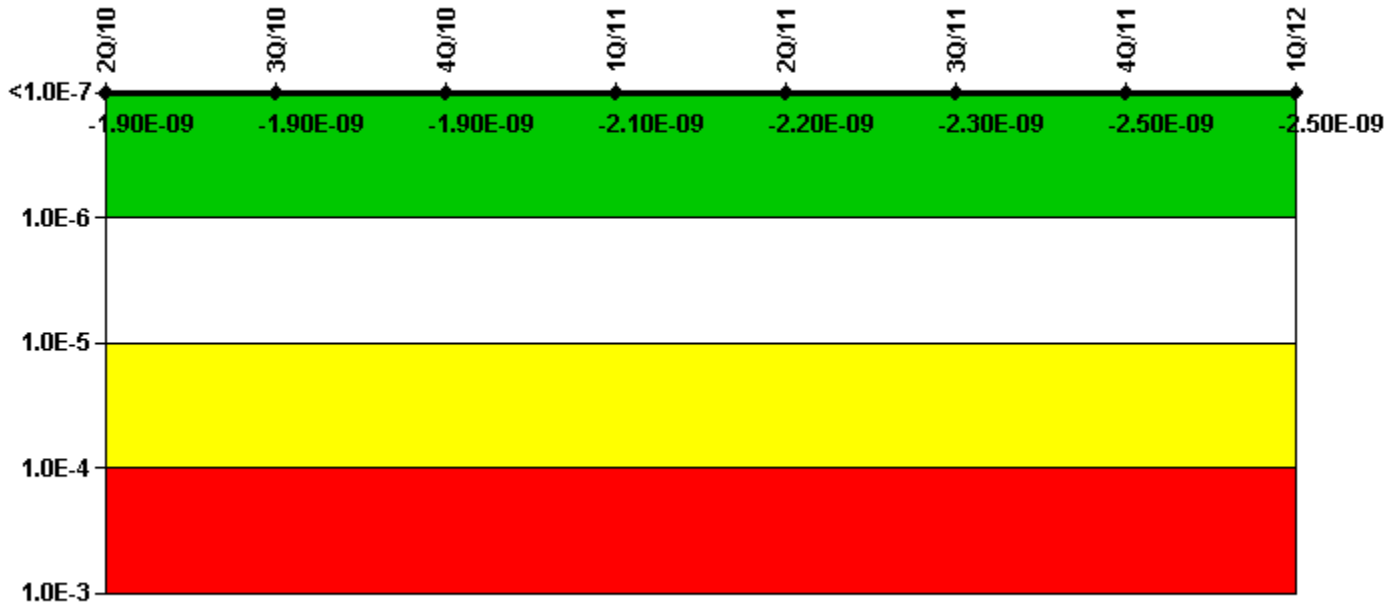
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (Δ CDF)	7.14E-09	7.14E-09	7.14E-09	7.16E-09	7.16E-09	7.14E-09	7.88E-09	9.09E-09
URI (Δ CDF)	3.56E-08	3.56E-08	3.56E-08	3.56E-08	3.56E-08	3.56E-08	3.56E-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	4.30E-08	5.80E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



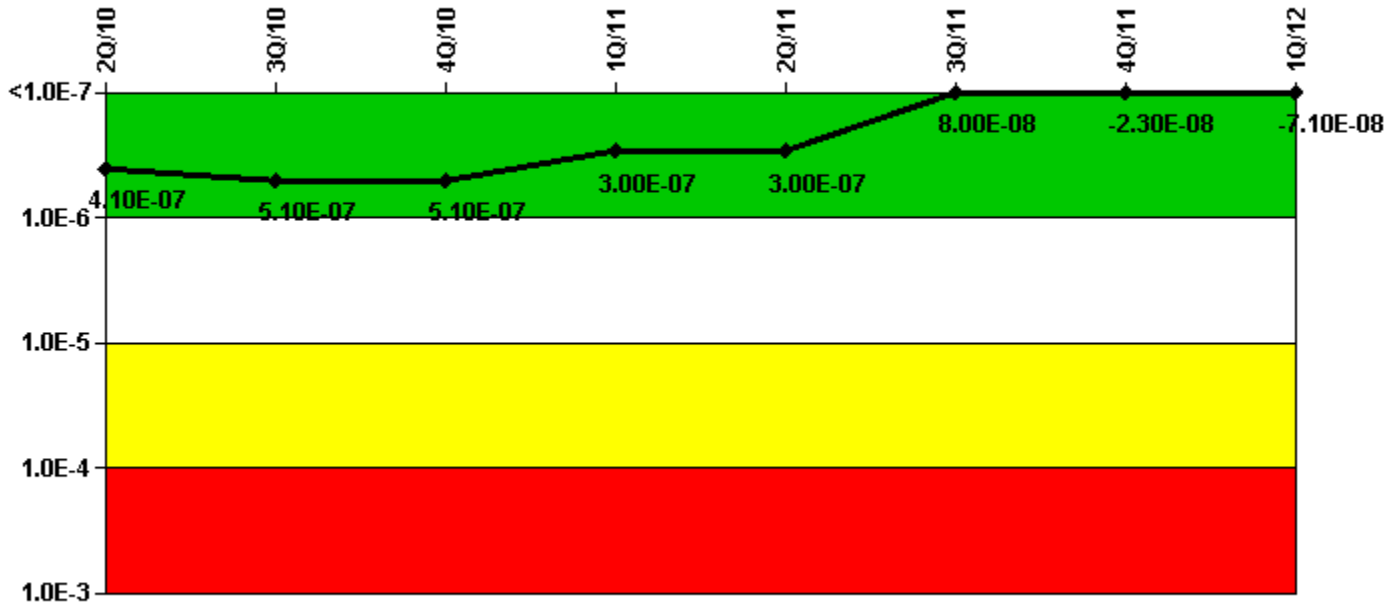
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (Δ CDF)	3.09E-10	3.06E-10	3.08E-10	1.29E-10	7.27E-11	-3.77E-11	-2.10E-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	-1.90E-09	-2.10E-09	-2.20E-09	-2.30E-09	-2.50E-09	-2.50E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



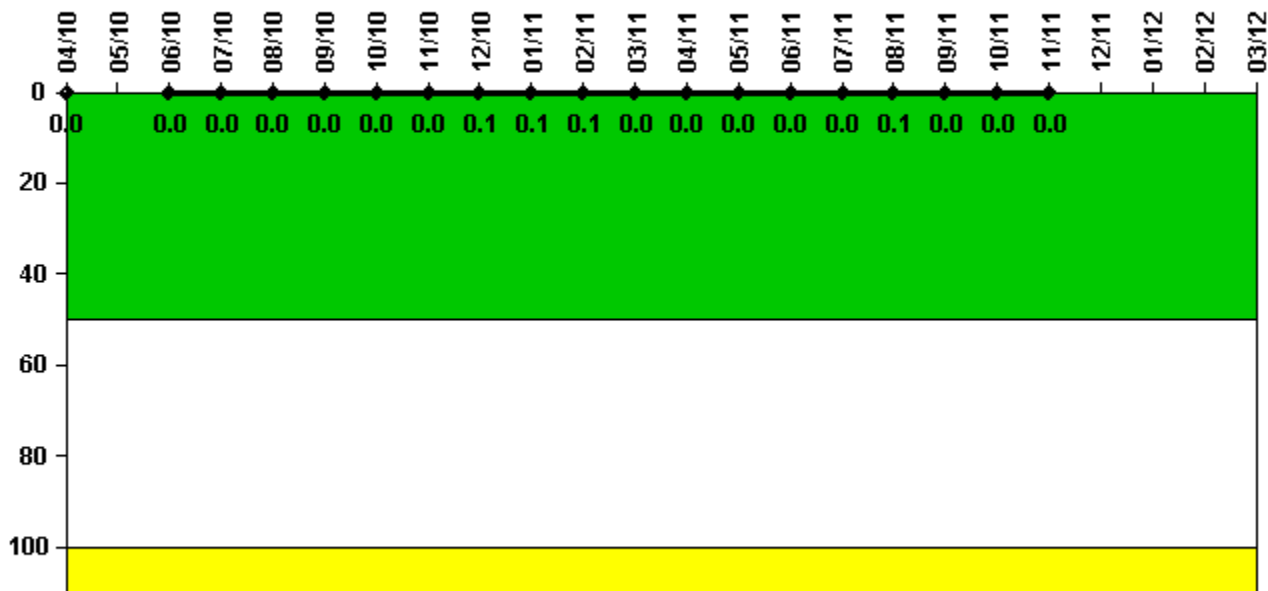
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (Δ CDF)	4.51E-07	5.42E-07	5.42E-07	3.41E-07	3.38E-07	1.16E-07	1.32E-08	-3.42E-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	4.10E-07	5.10E-07	5.10E-07	3.00E-07	3.00E-07	8.00E-08	-2.30E-08	-7.10E-08

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

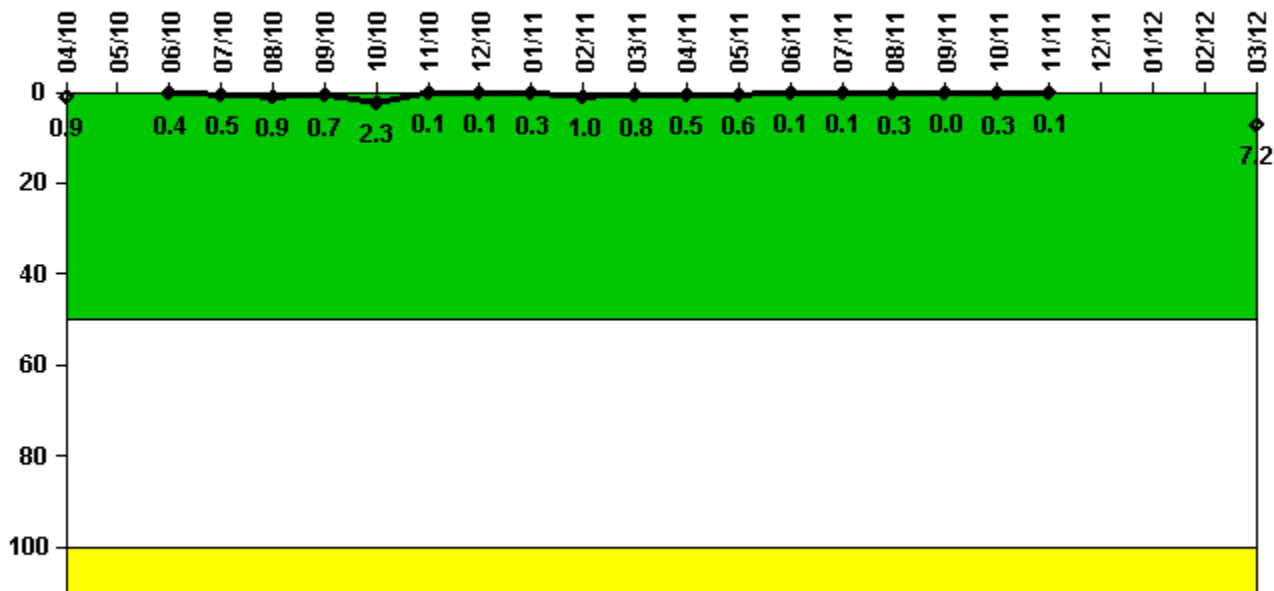
Notes

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	0.000364	N/A	0.000130	0.000395	0.000352	0.000436	0.000474	0.000476	0.000552	0.000590	0.000612	0.000355
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	N/A	0	0	0	0	0	0	0.1	0.1	0.1	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	0.000362	0.000395	0.000398	0.000351	0.000572	0.000376	0.000417	0.000379	N/A	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	0	0	0	0.1	0	0	0	N/A	N/A	N/A	N/A

Licensee Comments: none

Reactor Coolant System Leakage



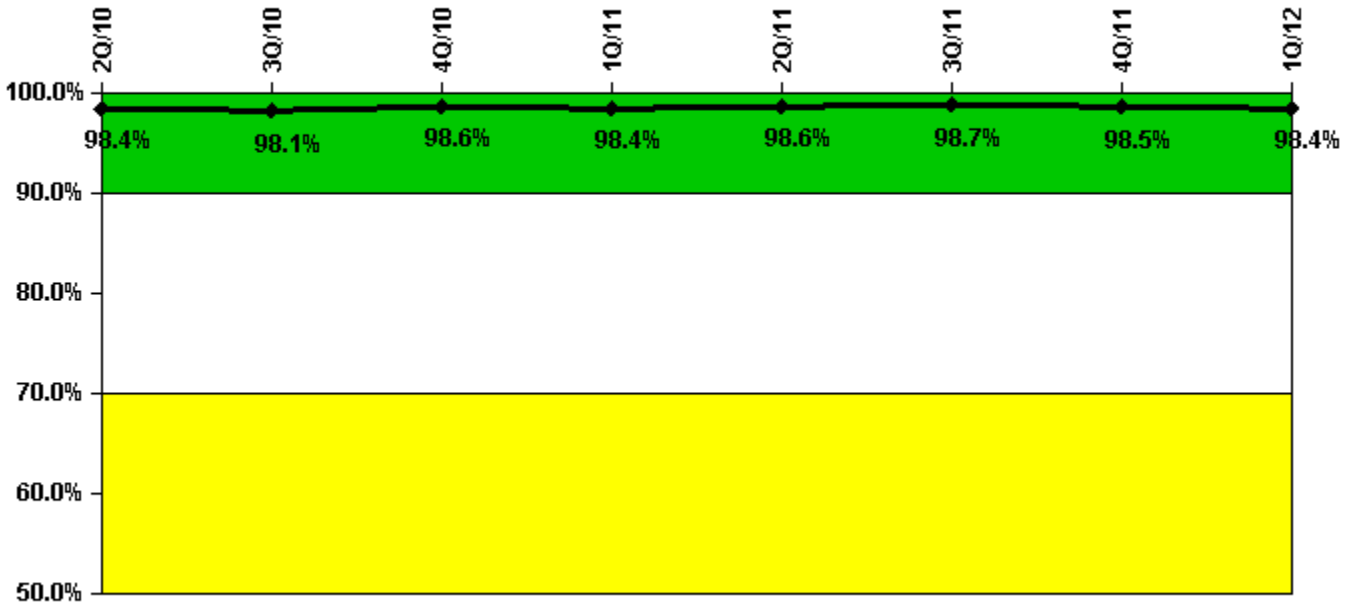
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11
Maximum leakage	0.090	N/A	0.035	0.045	0.094	0.070	0.230	0.010	0.010	0.030	0.100	0.080
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	0.9	N/A	0.4	0.5	0.9	0.7	2.3	0.1	0.1	0.3	1.0	0.8
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	0.050	0.060	0.010	0.009	0.025	0.004	0.030	0.005	N/A	N/A	N/A	0.720
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	0.6	0.1	0.1	0.3	0	0.3	0.1	N/A	N/A	N/A	7.2

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

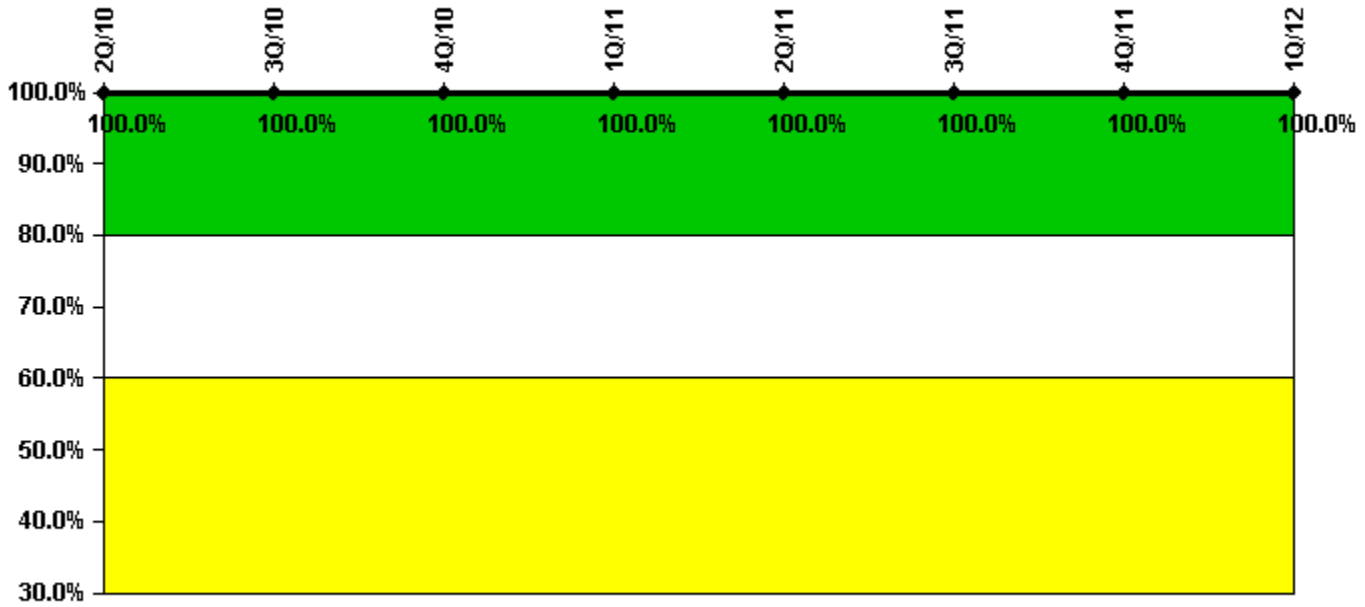
Drill/Exercise Performance	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Successful opportunities	9.0	76.0	52.0	0	69.0	92.0	9.0	0
Total opportunities	9.0	78.0	52.0	0	69.0	94.0	10.0	0
Indicator value	98.4%	98.1%	98.6%	98.4%	98.6%	98.7%	98.5%	98.4%

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%

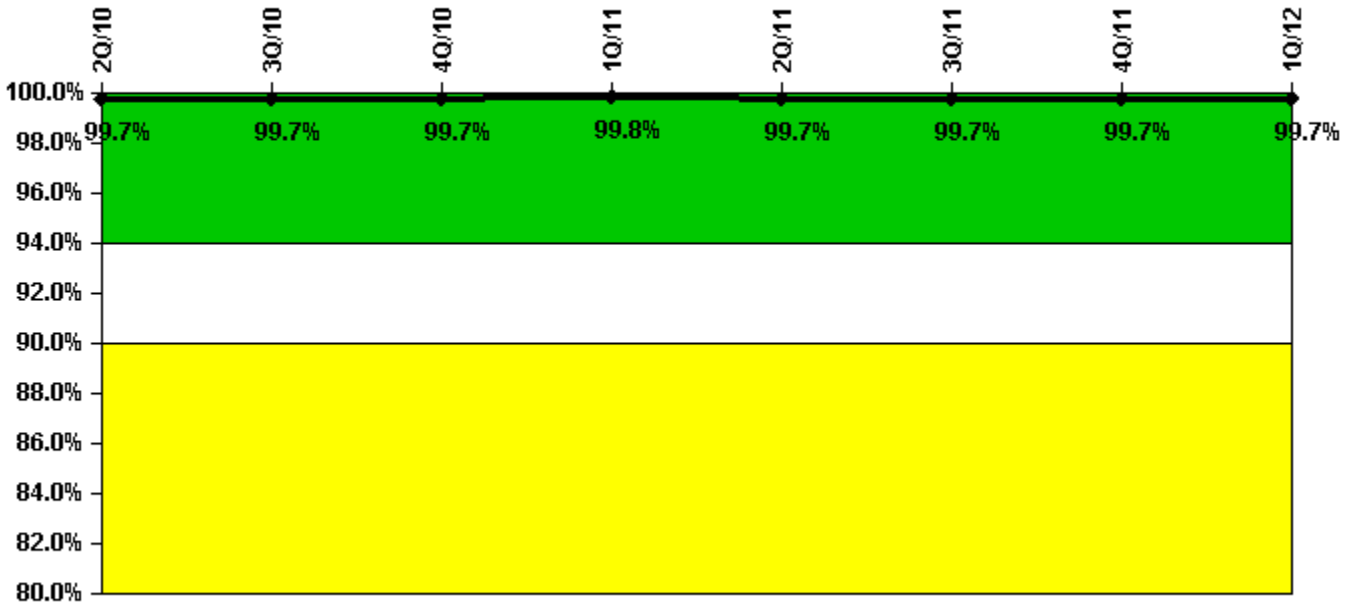
Notes

ERO Drill Participation	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Participating Key personnel	91.0	88.0	85.0	83.0	88.0	105.0	95.0	93.0
Total Key personnel	91.0	88.0	85.0	83.0	88.0	105.0	95.0	93.0
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	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Successful siren-tests	718	628	718	630	715	629	719	628
Total sirens-tests	720	630	720	630	720	630	720	630
Indicator value	99.7%	99.7%	99.7%	99.8%	99.7%	99.7%	99.7%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



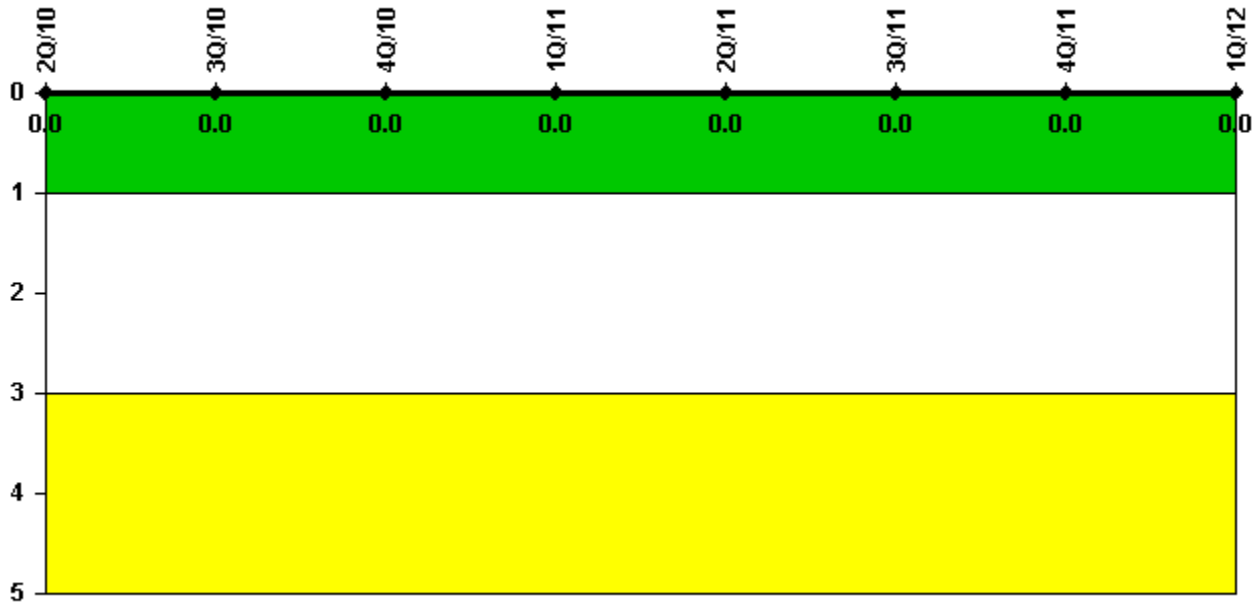
Thresholds: White > 2.0 Yellow > 5.0

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.