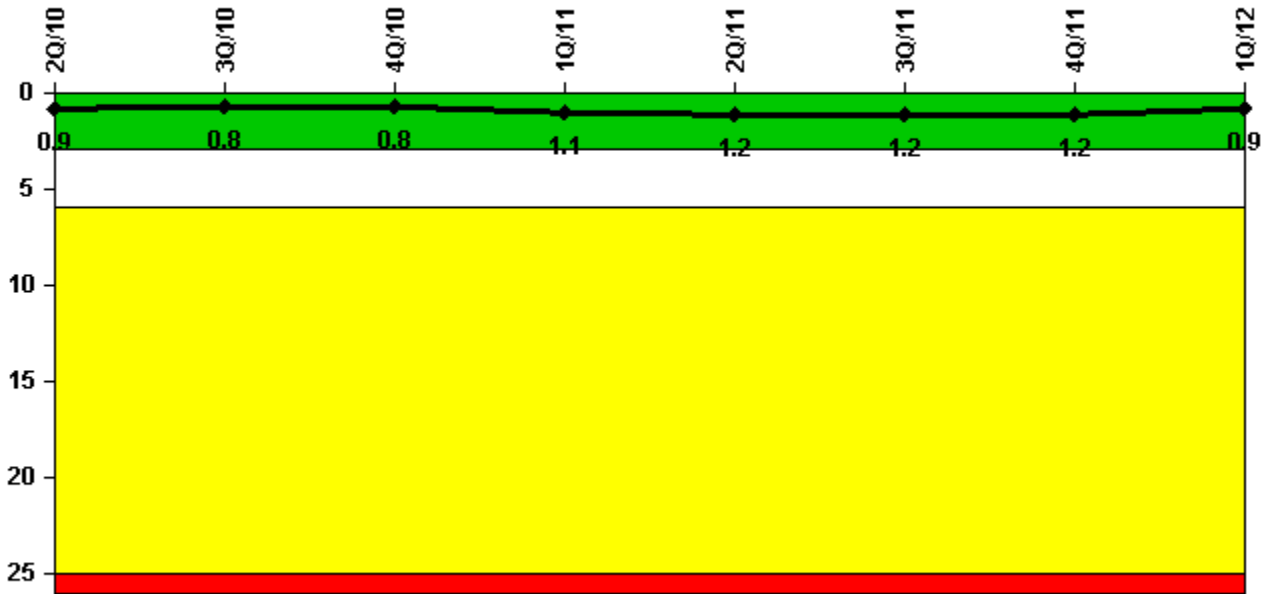


Saint Lucie 2

1Q/2012 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



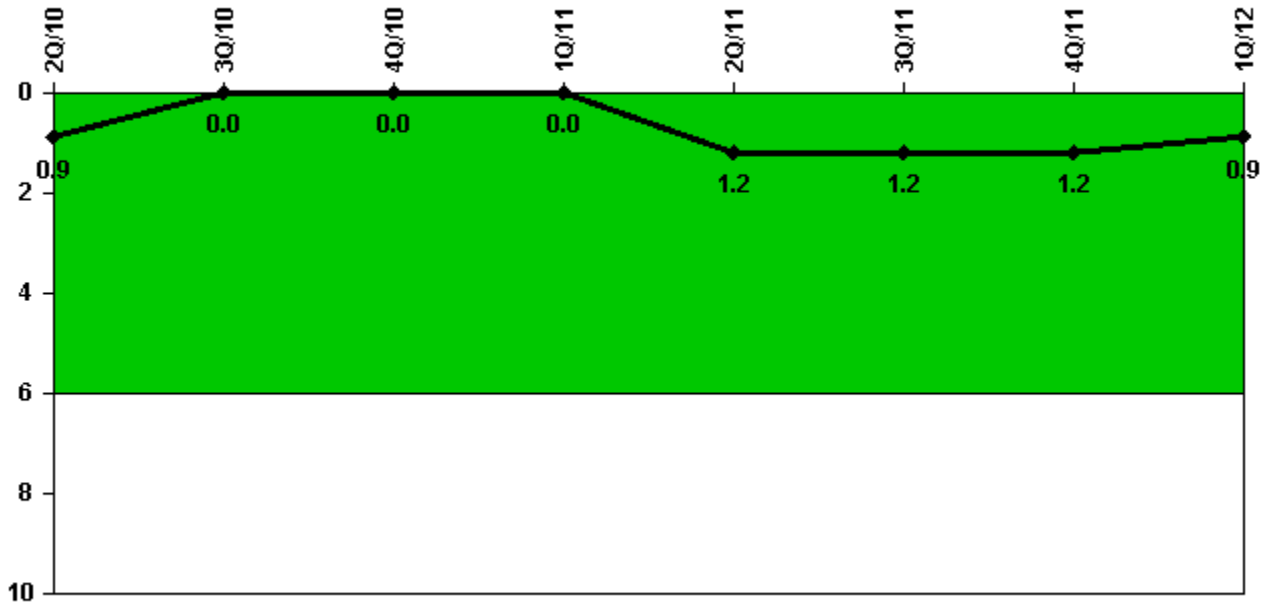
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0
Critical hours	2049.2	2208.0	2209.0	41.0	1329.1	2208.0	2209.0	2183.0
Indicator value	0.9	0.8	0.8	1.1	1.2	1.2	1.2	0.9

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	1.0	0	0	0
Critical hours	2049.2	2208.0	2209.0	41.0	1329.1	2208.0	2209.0	2183.0
Indicator value	0.9	0	0	0	1.2	1.2	1.2	0.9

Licensee Comments: none

Unplanned Scrams with Complications



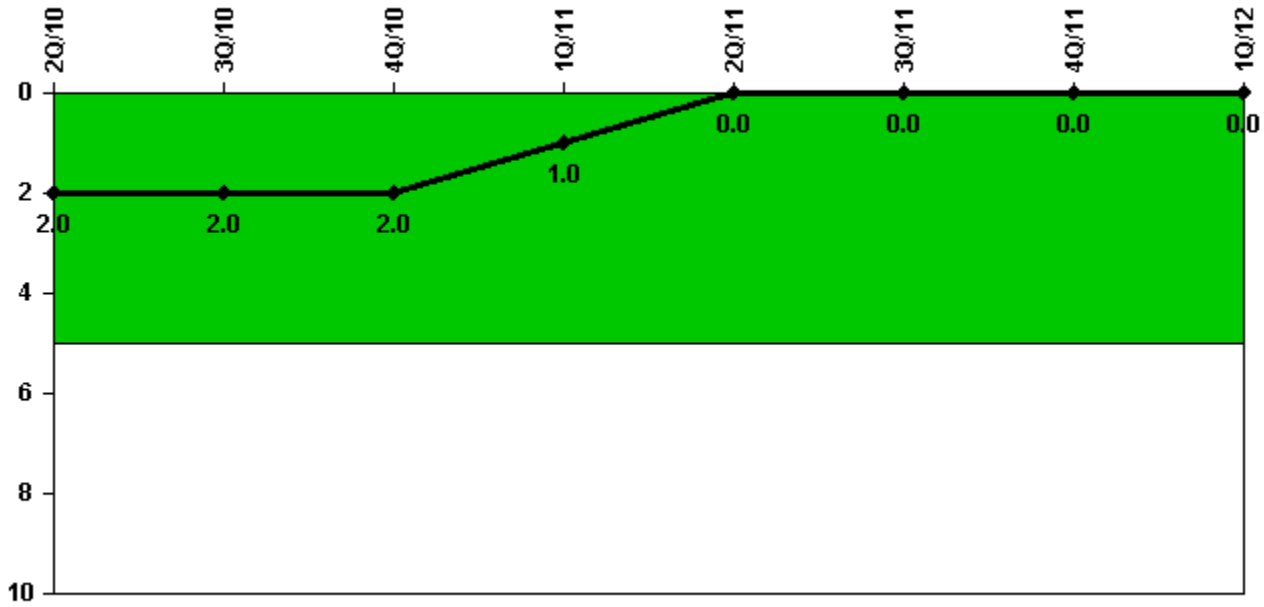
Thresholds: White > 1.0

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 (PWR)



Thresholds: White > 5.0

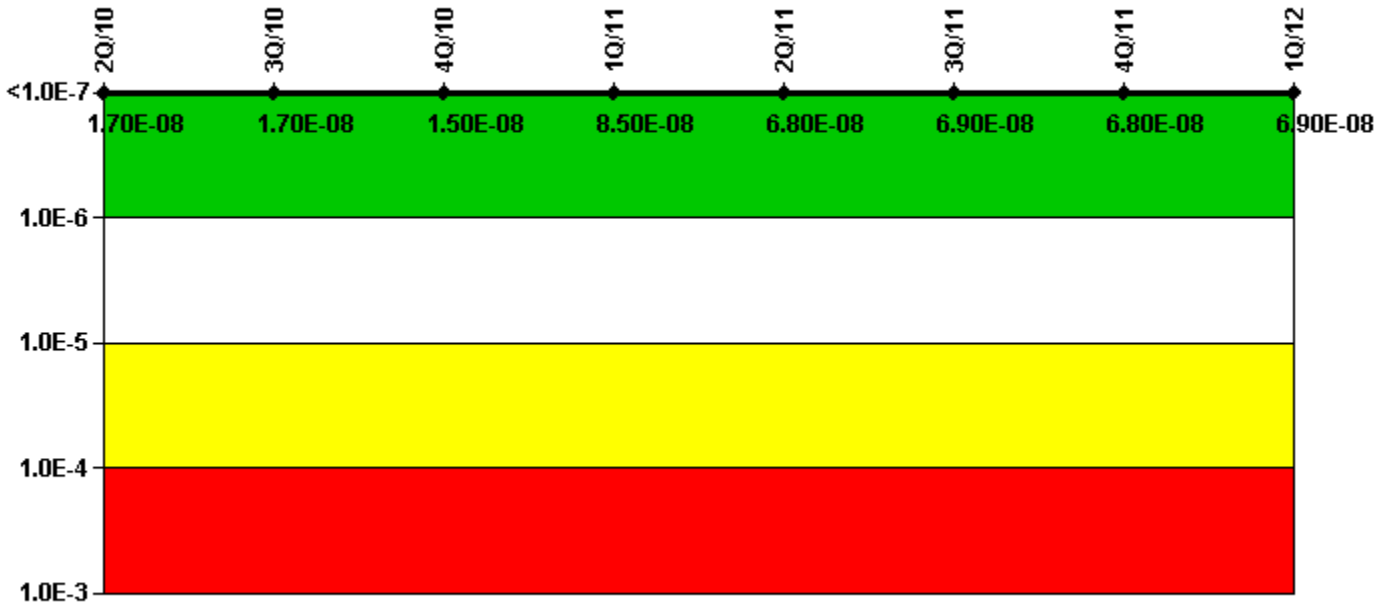
Notes

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	1	0	0	0	0	0	0	0
Indicator value	2	2	2	1	0	0	0	0

Licensee Comments:

2Q/10: June SSFF documented in LER 50-335, 50-389/2010-003-00

Mitigating Systems Performance Index, Emergency AC Power System



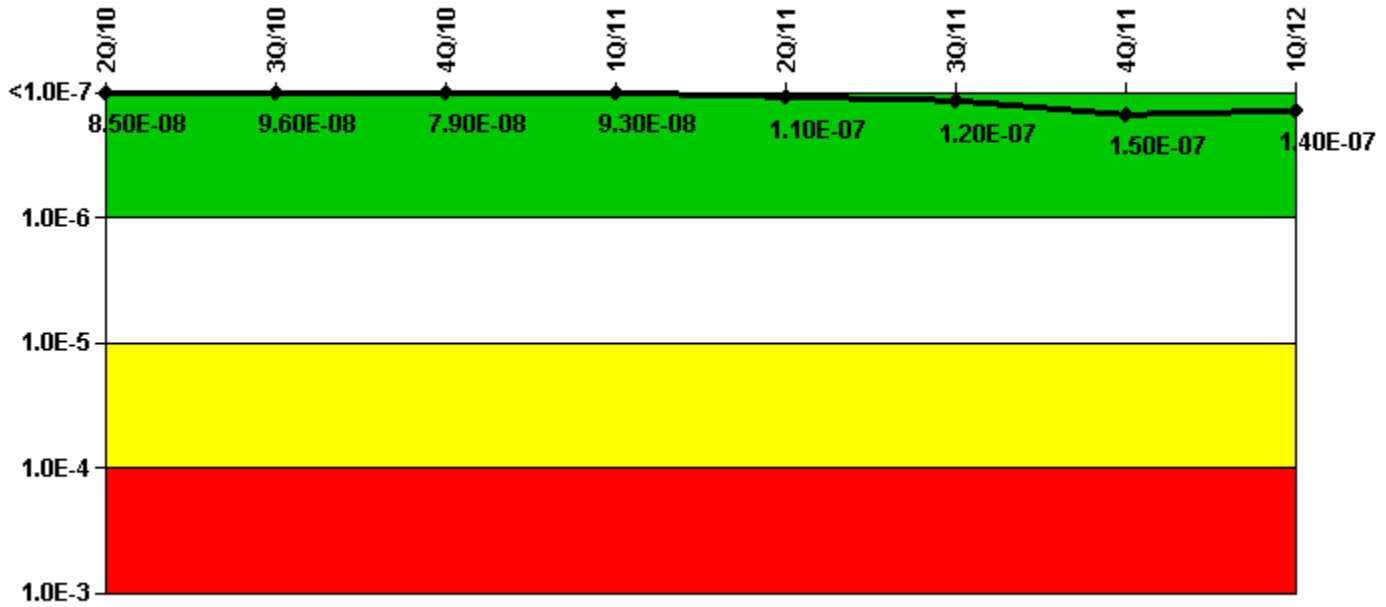
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	2.24E-08	2.24E-08	2.03E-08	2.17E-08	1.63E-08	1.69E-08	1.67E-08	1.62E-08
URI (Δ CDF)	-5.15E-09	-5.15E-09	-5.15E-09	6.34E-08	5.17E-08	5.17E-08	5.17E-08	5.26E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.70E-08	1.70E-08	1.50E-08	8.50E-08	6.80E-08	6.90E-08	6.80E-08	6.90E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



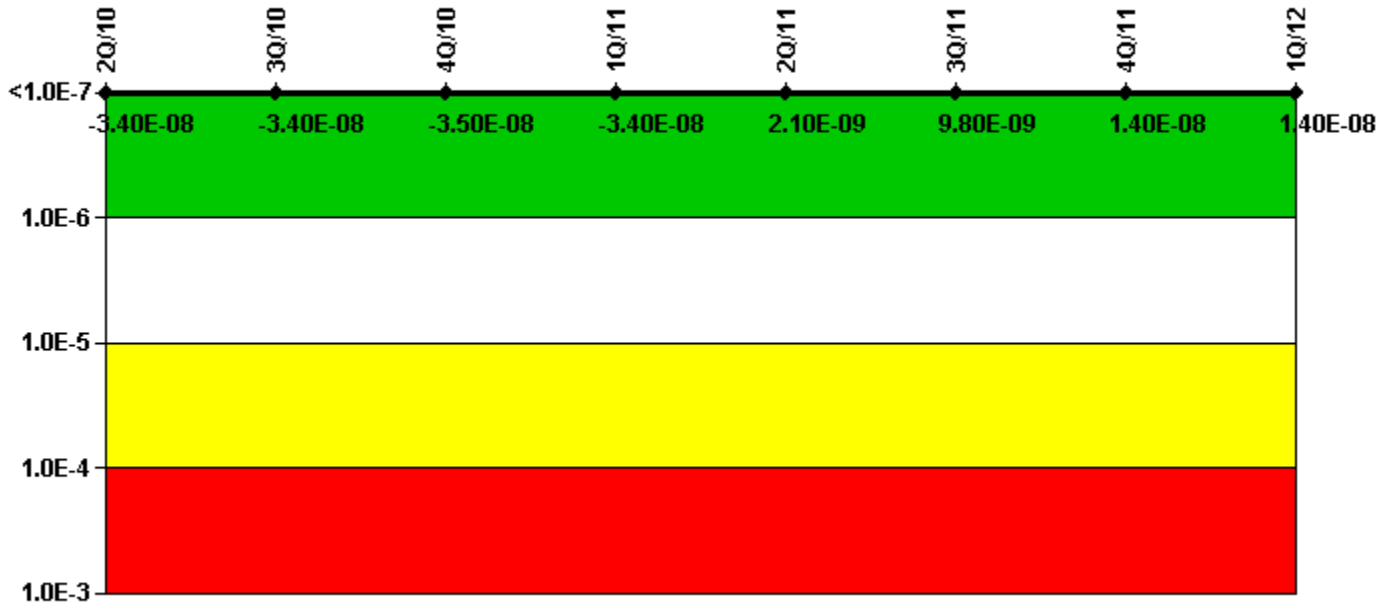
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (Δ CDF)	2.57E-07	2.68E-07	2.51E-07	2.65E-07	2.86E-07	2.89E-07	3.26E-07	3.11E-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	8.50E-08	9.60E-08	7.90E-08	9.30E-08	1.10E-07	1.20E-07	1.50E-07	1.40E-07

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



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

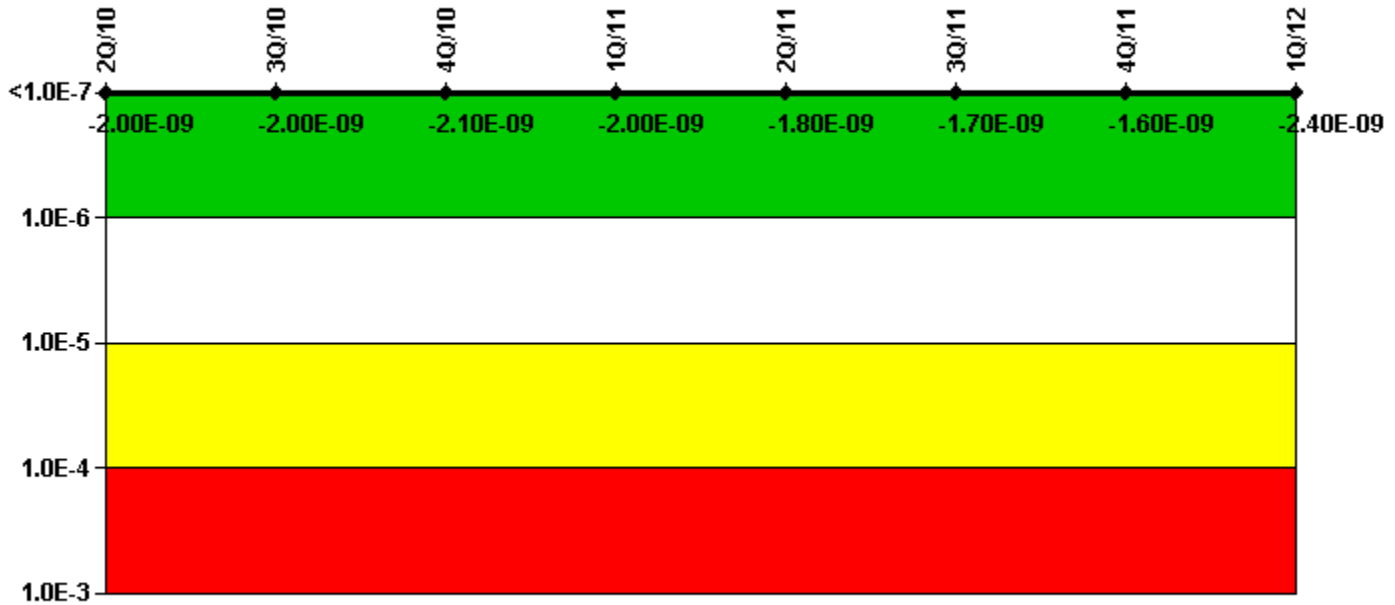
Notes

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)	-9.66E-11	-2.25E-10	-1.06E-09	-3.84E-10	1.72E-08	2.49E-08	2.91E-08	2.90E-08
URI (Δ CDF)	-3.40E-08	-3.40E-08	-3.40E-08	-3.40E-08	-1.51E-08	-1.51E-08	-1.51E-08	-1.51E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.40E-08	-3.40E-08	-3.50E-08	-3.40E-08	2.10E-09	9.80E-09	1.40E-08	1.40E-08

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



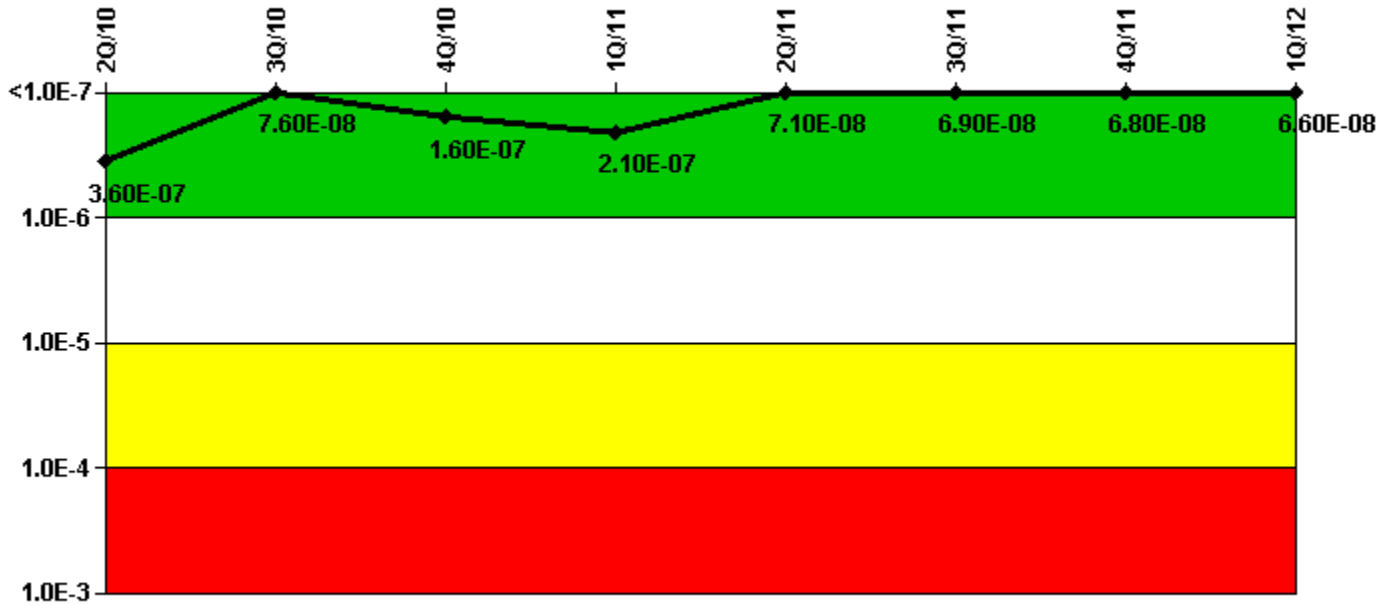
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (Δ CDF)	1.27E-10	1.87E-10	9.77E-11	1.96E-10	3.94E-10	4.29E-10	5.16E-10	-2.12E-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	-2.00E-09	-2.00E-09	-2.10E-09	-2.00E-09	-1.80E-09	-1.70E-09	-1.60E-09	-2.40E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



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

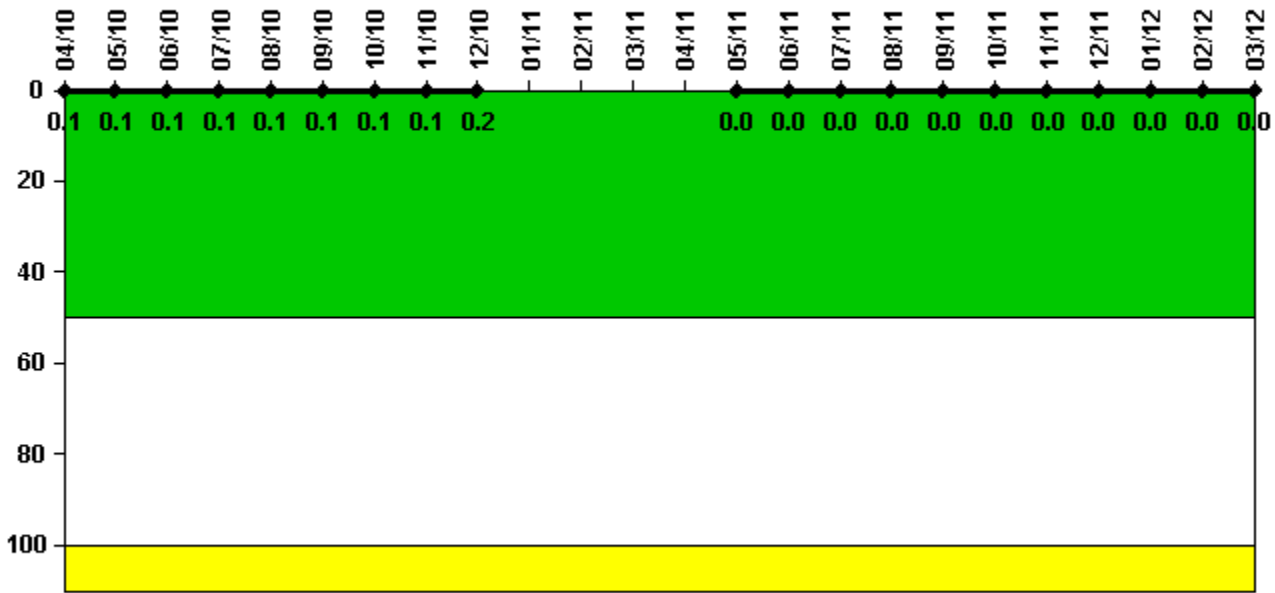
Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (ΔCDF)	3.70E-07	8.50E-08	1.66E-07	2.21E-07	7.98E-08	7.79E-08	7.67E-08	7.44E-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	3.60E-07	7.60E-08	1.60E-07	2.10E-07	7.10E-08	6.90E-08	6.80E-08	6.60E-08

Licensee Comments:

2Q/10: Changes were made to planned unavailability hours to St. Lucie Unit 2 to Cooling Water System 1 and Cooling Water System 2 for April and May 2010. There was no change in color of the indicator.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

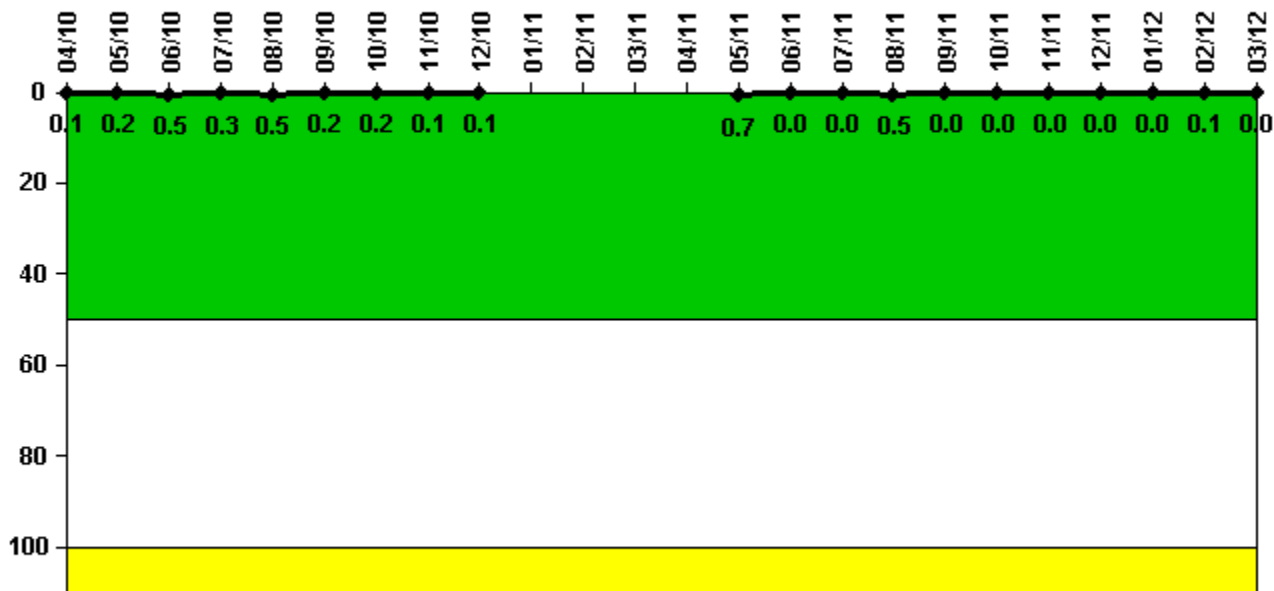
Notes

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	0.001030	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

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	N/A	0.000322	0.000357	0.000294	0.000274	0.000327	0.000366	0.000341	0.000408	0.000392	0.000367	0.000370
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	N/A	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



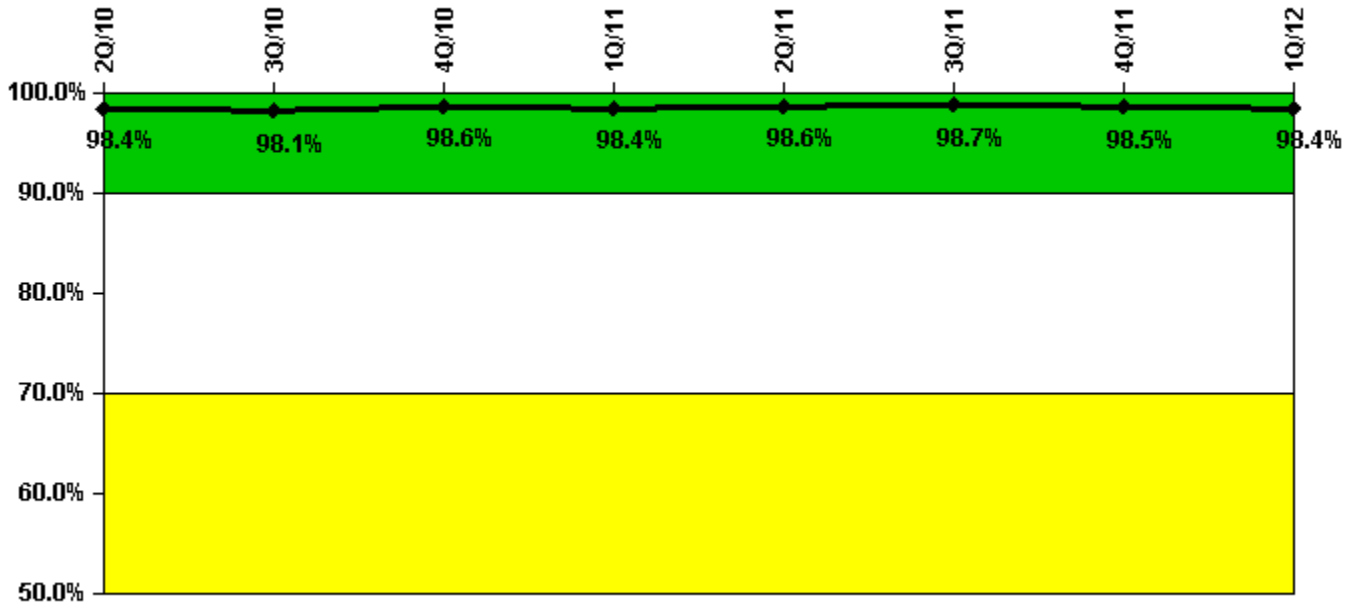
Thresholds: White > 50.0 Yellow > 100.0

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	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
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	N/A	0.070	0.002	0.001	0.050	0.002	0	0.001	0.004	0	0.013	0
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	N/A	0.7	0	0	0.5	0	0	0	0	0	0.1	0

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

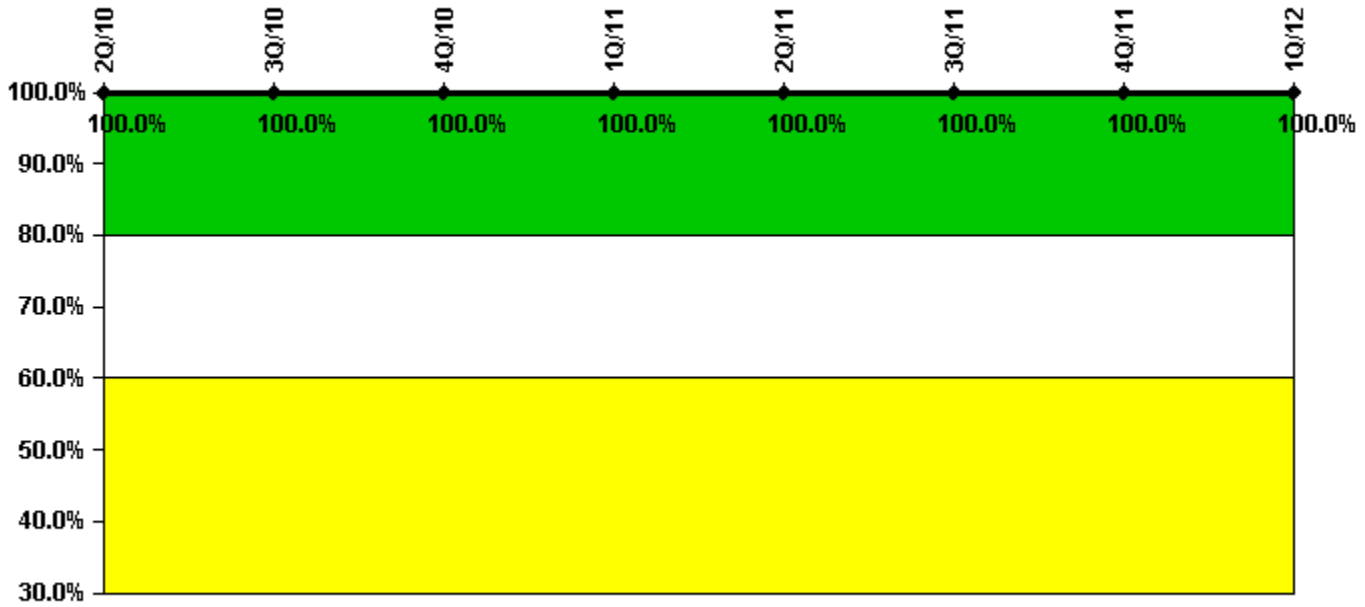
Notes

Drill/Exercise Performance	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Successful opportunities	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

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

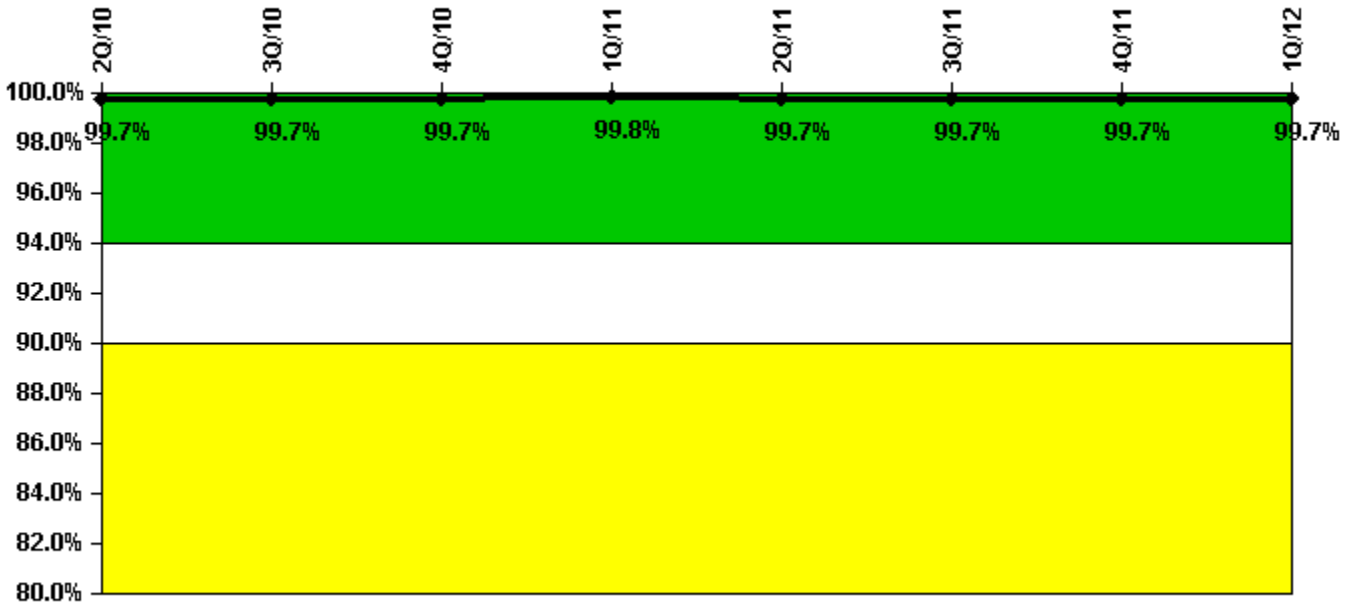
Notes

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



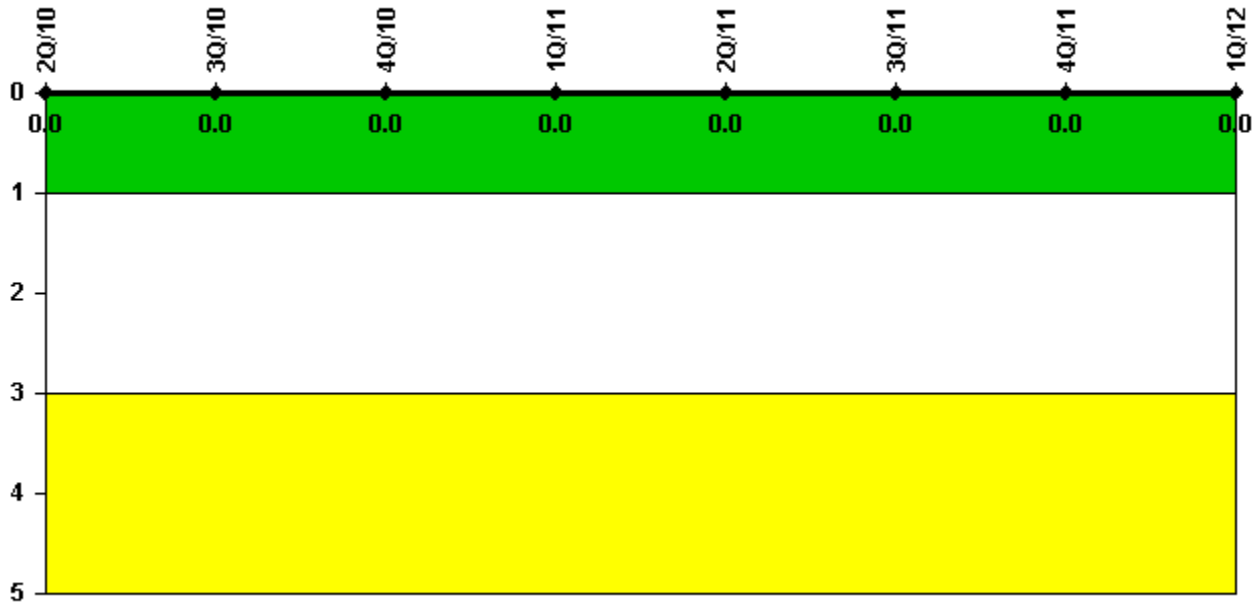
Thresholds: White > 2.0 Yellow > 5.0

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.