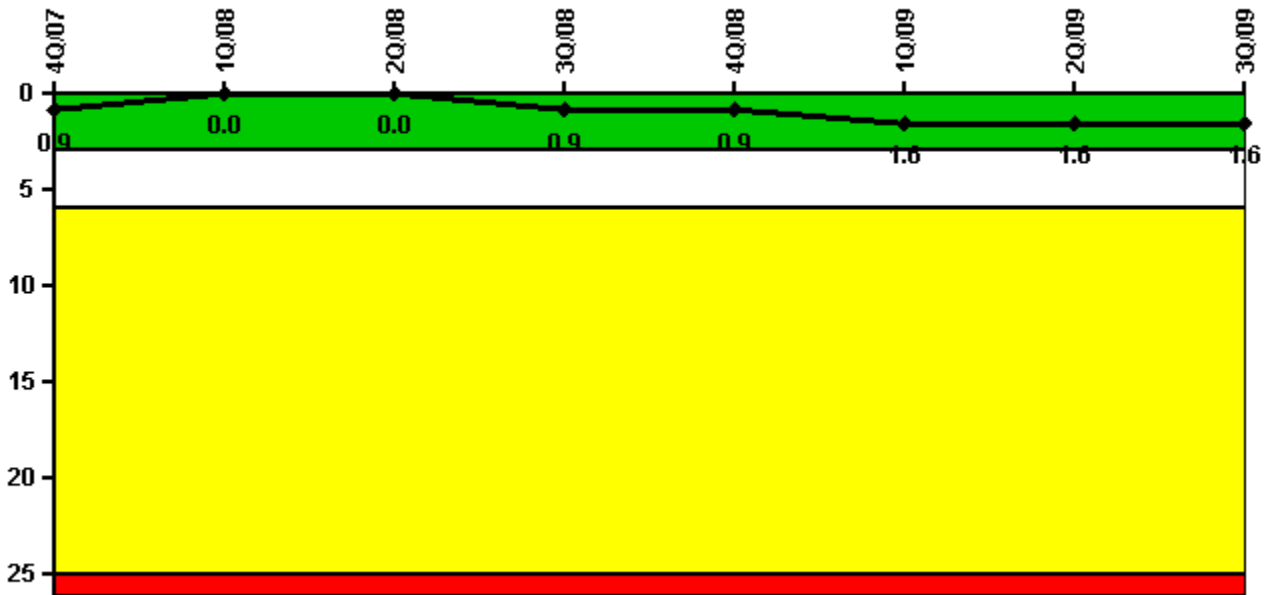


Crystal River 3

3Q/2009 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



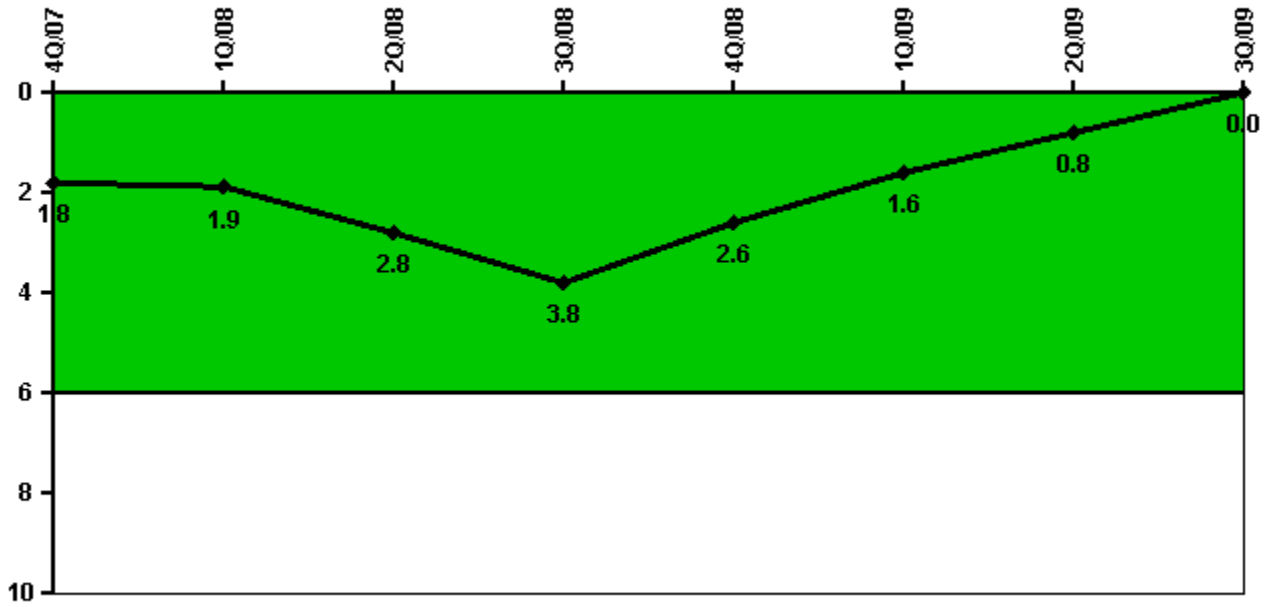
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Unplanned scrams	0	0	0	1.0	0	1.0	0	1.0
Critical hours	1423.8	1717.7	2184.0	2122.6	2209.0	2106.0	2184.0	2056.7
Indicator value	0.9	0	0	0.9	0.9	1.6	1.6	1.6

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



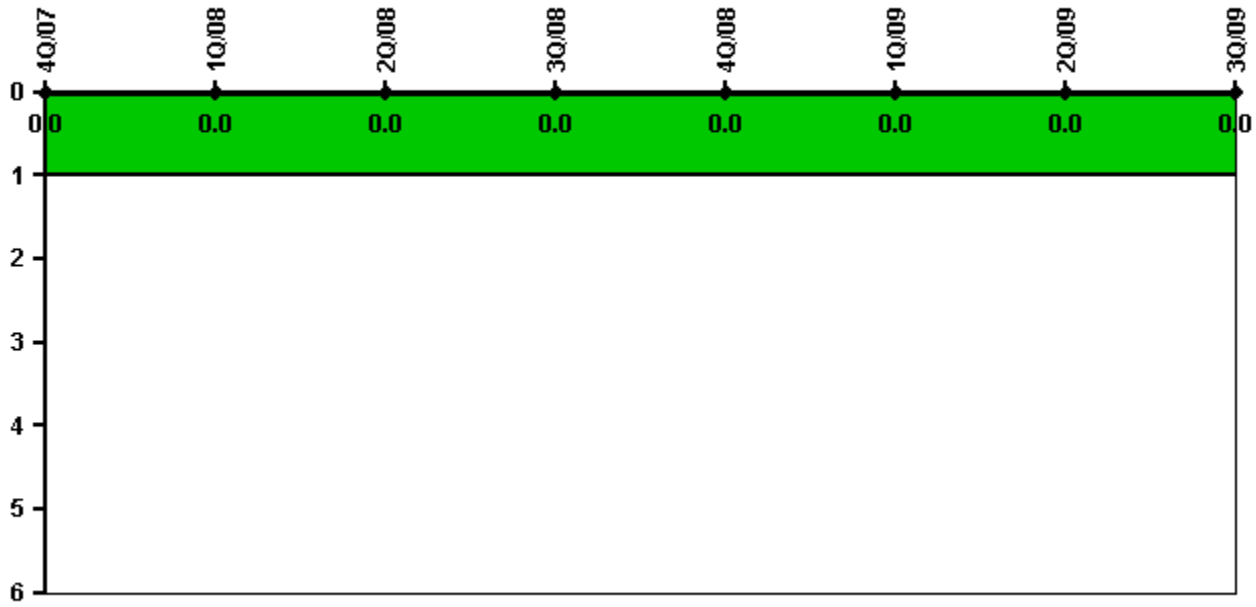
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Unplanned power changes	1.0	1.0	1.0	1.0	0	0	0	0
Critical hours	1423.8	1717.7	2184.0	2122.6	2209.0	2106.0	2184.0	2056.7
Indicator value	1.8	1.9	2.8	3.8	2.6	1.6	0.8	0

Licensee Comments: none

Unplanned Scrams with Complications



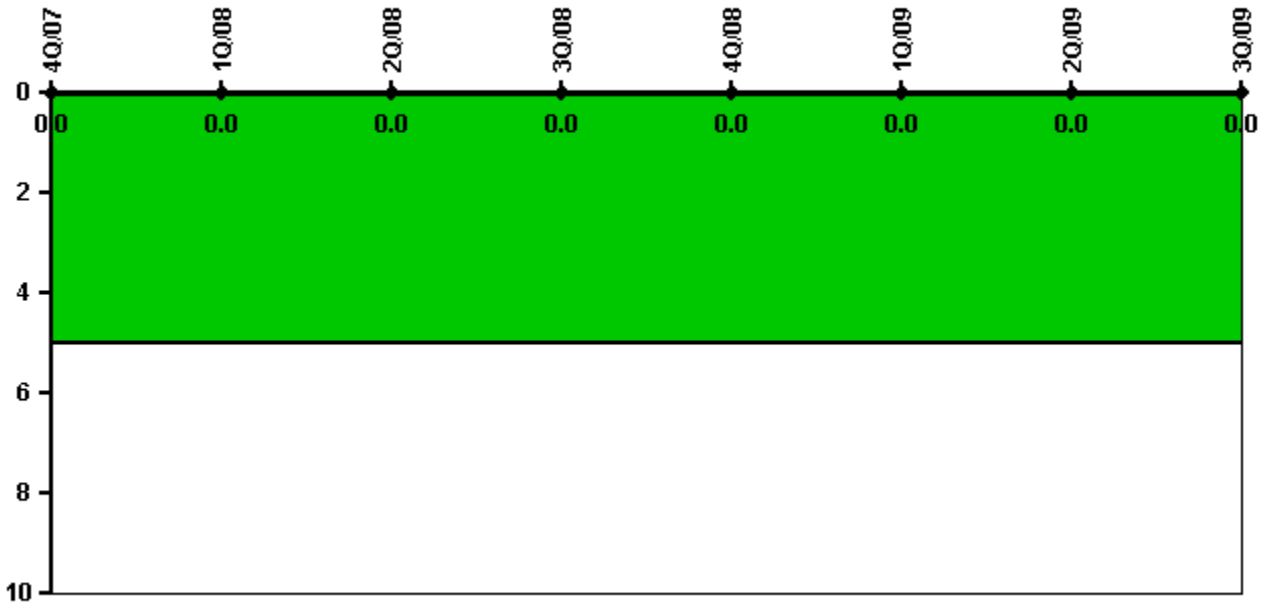
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
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)



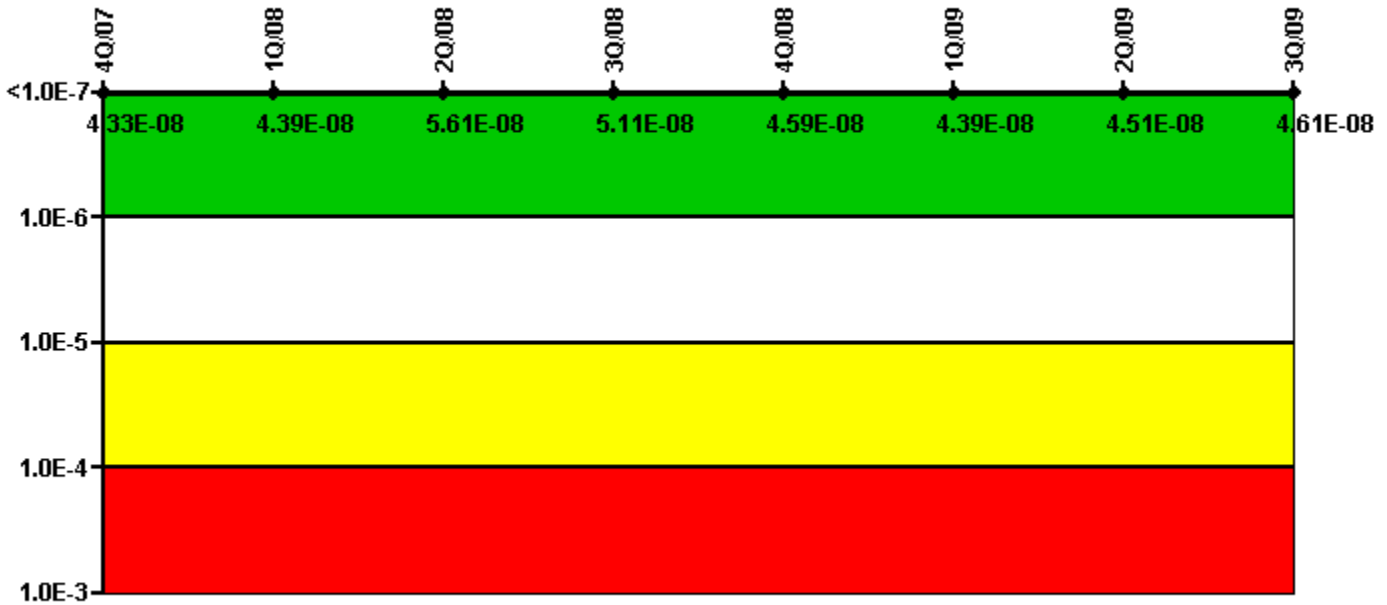
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



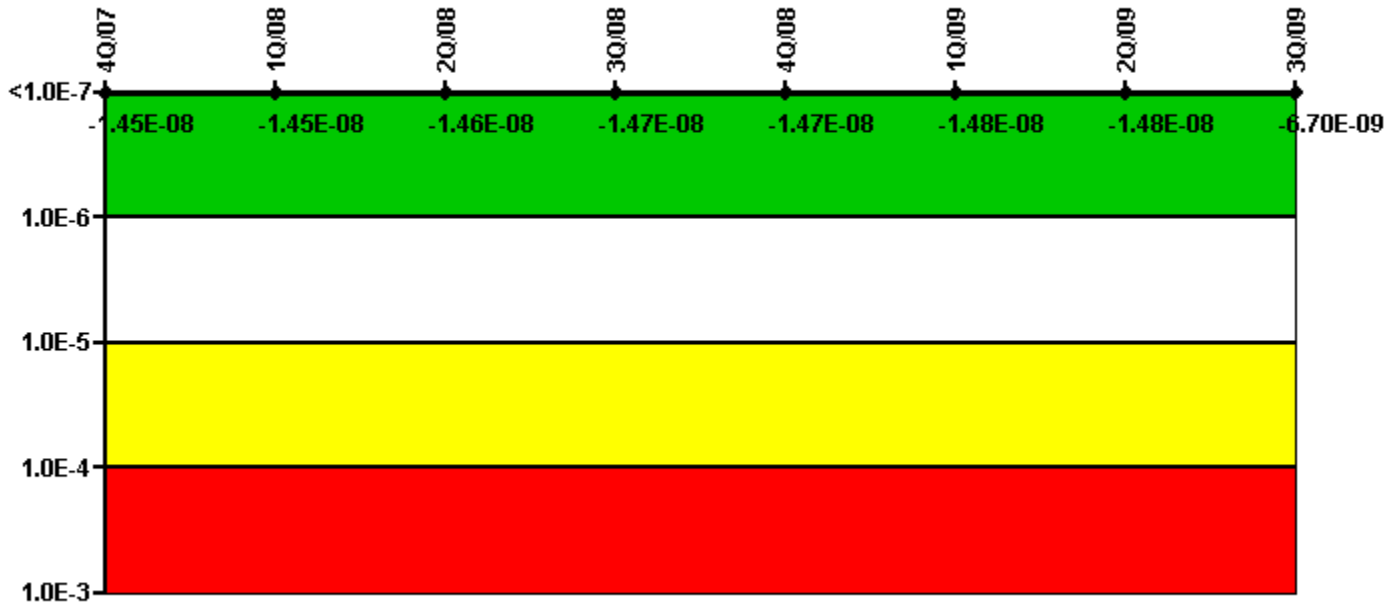
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
UAI (Δ CDF)	-4.70E-09	-4.10E-09	8.10E-09	3.10E-09	-3.10E-09	-5.10E-09	-3.90E-09	-3.90E-09
URI (Δ CDF)	4.80E-08	4.80E-08	4.80E-08	4.80E-08	4.90E-08	4.90E-08	4.90E-08	5.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.33E-08	4.39E-08	5.61E-08	5.11E-08	4.59E-08	4.39E-08	4.51E-08	4.61E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



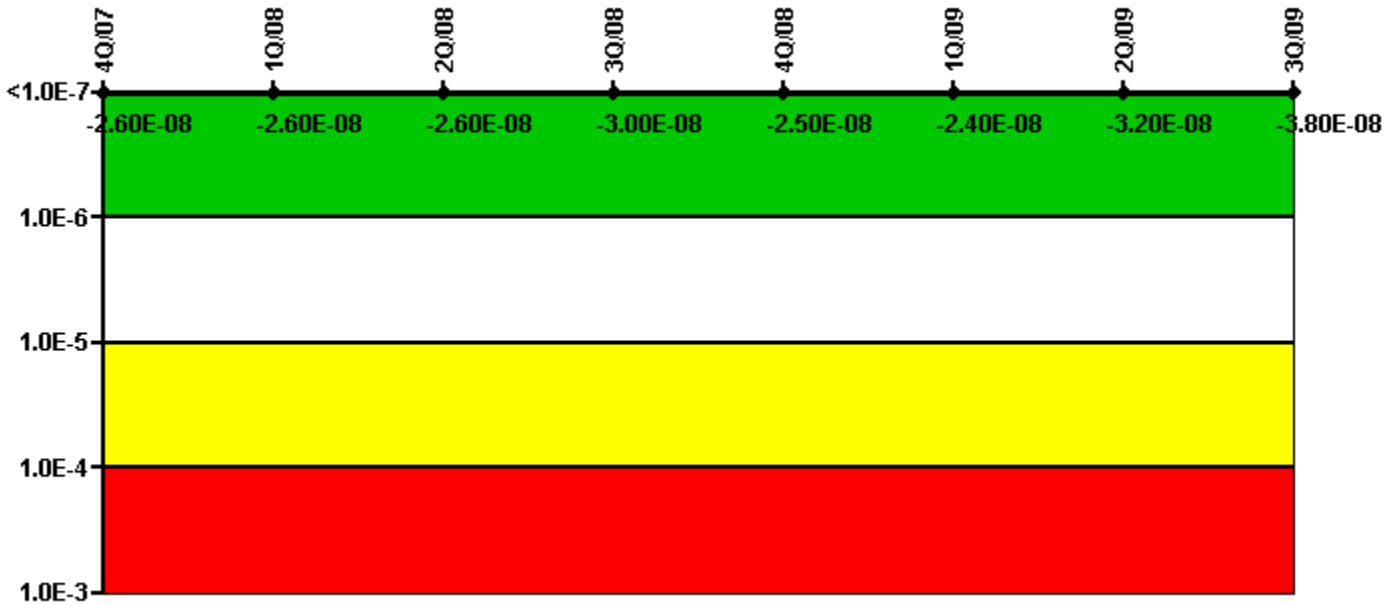
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
UAI (Δ CDF)	-4.90E-09	-4.90E-09	-4.90E-09	-4.90E-09	-4.90E-09	-4.90E-09	-4.90E-09	3.30E-09
URI (Δ CDF)	-9.60E-09	-9.60E-09	-9.70E-09	-9.80E-09	-9.80E-09	-9.90E-09	-9.90E-09	-1.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.45E-08	-1.45E-08	-1.46E-08	-1.47E-08	-1.47E-08	-1.48E-08	-1.48E-08	-6.70E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



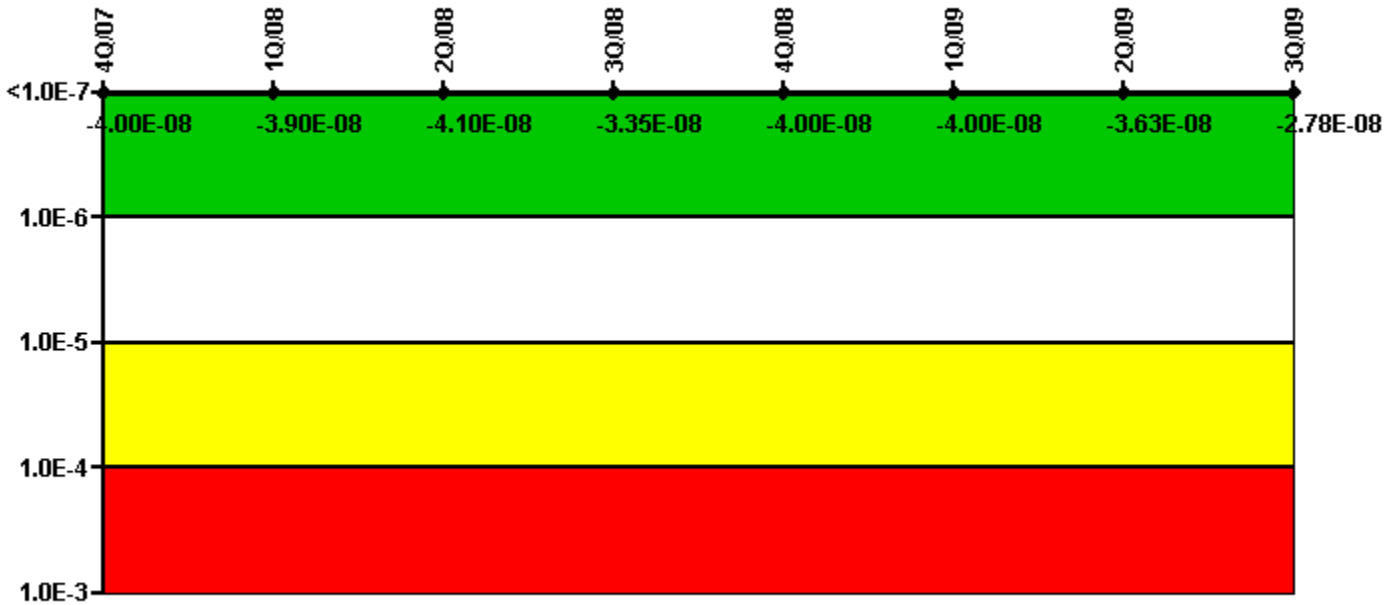
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
UAI (Δ CDF)	2.20E-08	2.40E-08	2.40E-08	2.00E-08	2.40E-08	2.50E-08	1.70E-08	1.10E-08
URI (Δ CDF)	-4.80E-08	-5.00E-08	-5.00E-08	-5.00E-08	-4.90E-08	-4.90E-08	-4.90E-08	-4.90E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.60E-08	-2.60E-08	-2.60E-08	-3.00E-08	-2.50E-08	-2.40E-08	-3.20E-08	-3.80E-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	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
UAI (Δ CDF)	-1.40E-08	-1.20E-08	-1.40E-08	-6.50E-09	-1.20E-08	-1.20E-08	-7.30E-09	1.20E-09
URI (Δ CDF)	-2.60E-08	-2.70E-08	-2.70E-08	-2.70E-08	-2.80E-08	-2.80E-08	-2.90E-08	-2.90E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.00E-08	-3.90E-08	-4.10E-08	-3.35E-08	-4.00E-08	-4.00E-08	-3.63E-08	-2.78E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



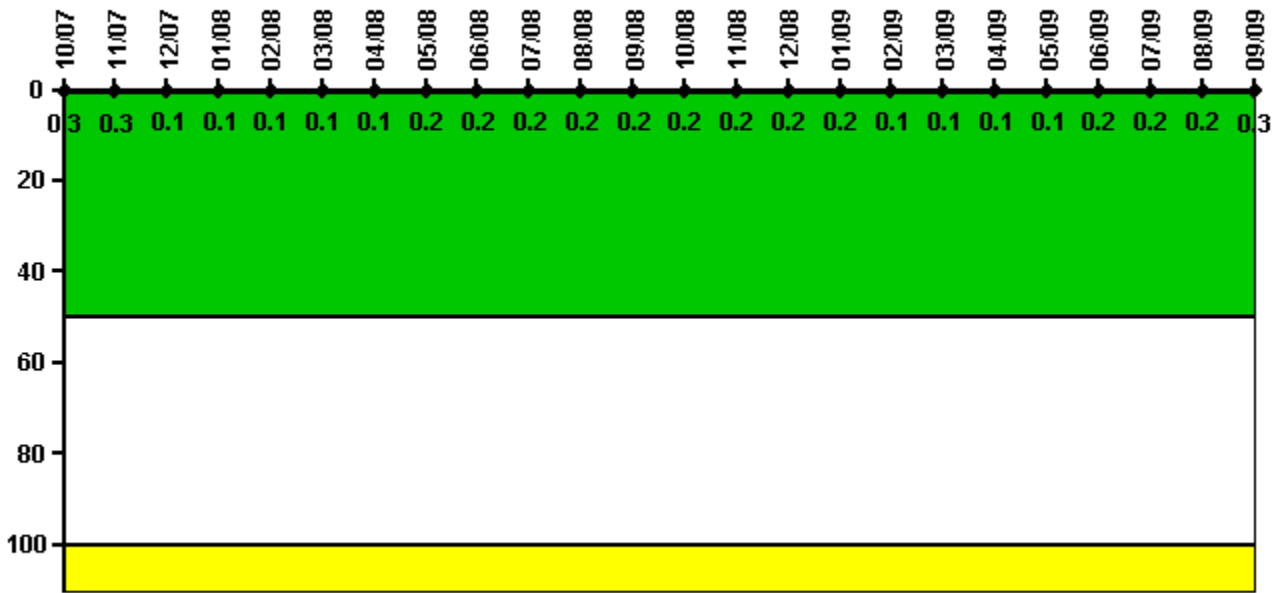
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
UAI (Δ CDF)	1.30E-07	1.40E-07	1.10E-07	1.30E-07	7.90E-08	1.40E-07	1.10E-07	2.00E-07
URI (Δ CDF)	-1.30E-07	-1.40E-07	-1.40E-07	-1.40E-07	-1.40E-07	-1.40E-07	-1.40E-07	-3.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	0.00E+00	0.00E+00	-3.00E-08	-1.00E-08	-6.10E-08	0.00E+00	-3.00E-08	1.70E-07

Licensee Comments: none

Reactor Coolant System Activity



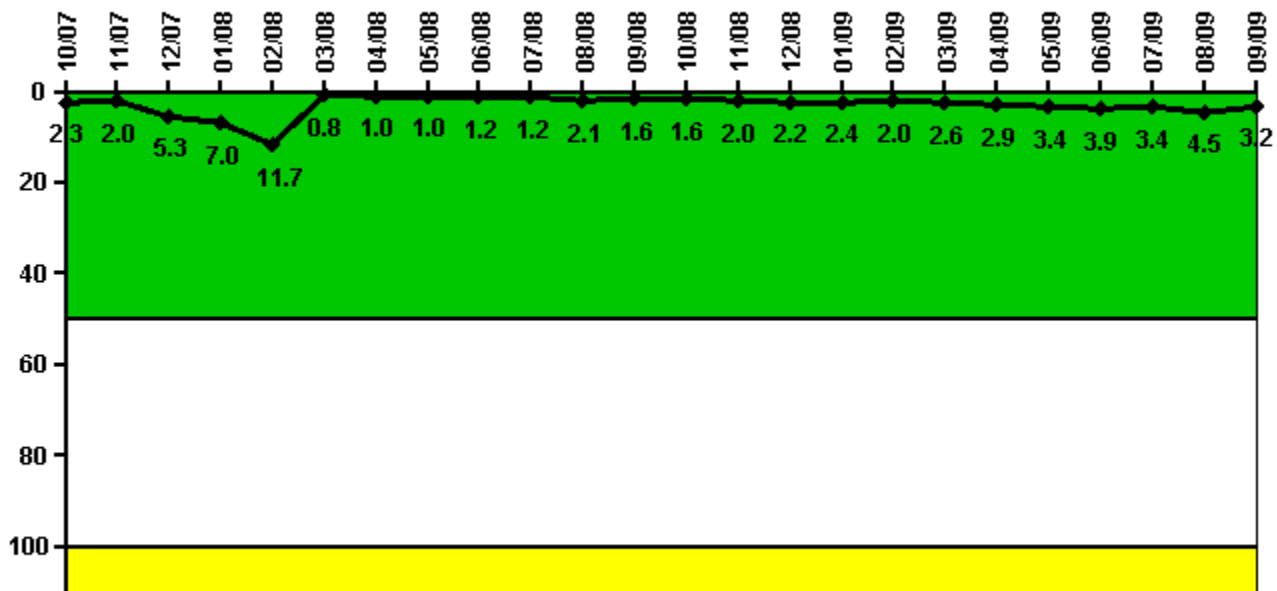
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08
Maximum activity	0.003000	0.002500	0.001350	0.001060	0.001144	0.000926	0.001342	0.001835	0.001571	0.001635	0.001660	0.001675
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	0.3	0.3	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2
Reactor Coolant System Activity	10/08	11/08	12/08	1/09	2/09	3/09	4/09	5/09	6/09	7/09	8/09	9/09
Maximum activity	0.001920	0.001690	0.001510	0.001720	0.000982	0.001030	0.000745	0.001050	0.001530	0.001630	0.001540	0.002510
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	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3

Licensee Comments: none

Reactor Coolant System Leakage



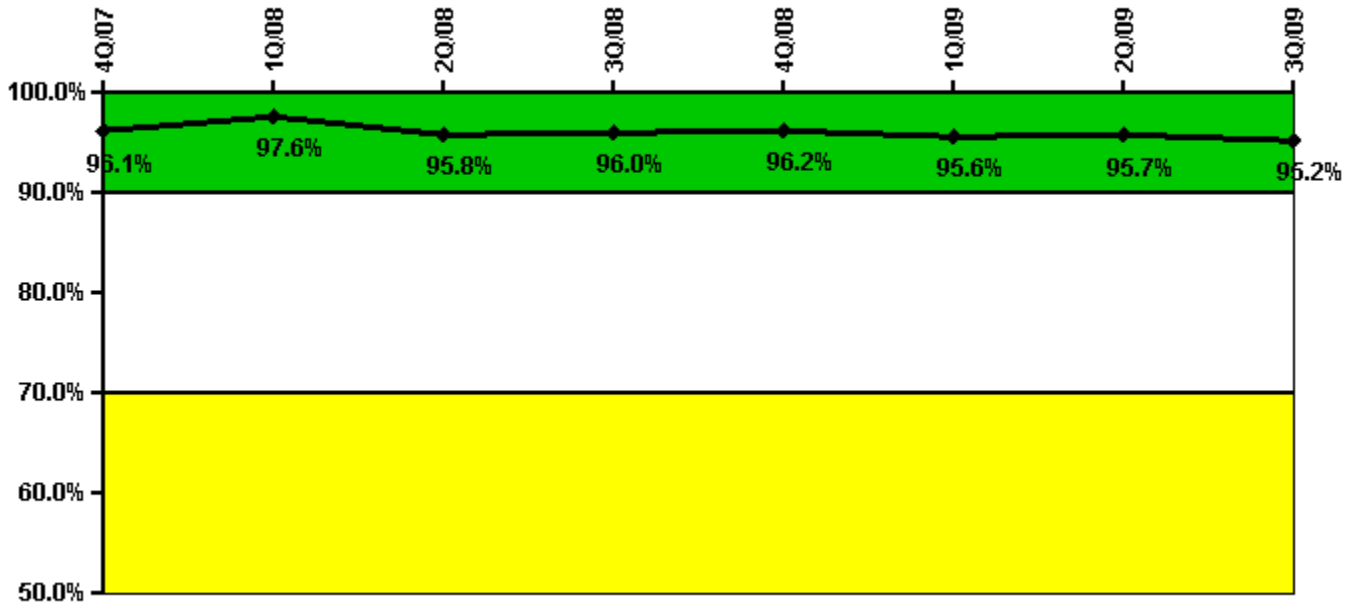
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08
Maximum leakage	0.230	0.200	0.530	0.700	1.170	0.080	0.100	0.100	0.120	0.120	0.210	0.160
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	2.3	2.0	5.3	7.0	11.7	0.8	1.0	1.0	1.2	1.2	2.1	1.6
Reactor Coolant System Leakage	10/08	11/08	12/08	1/09	2/09	3/09	4/09	5/09	6/09	7/09	8/09	9/09
Maximum leakage	0.160	0.200	0.220	0.240	0.200	0.260	0.290	0.340	0.390	0.340	0.450	0.320
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	1.6	2.0	2.2	2.4	2.0	2.6	2.9	3.4	3.9	3.4	4.5	3.2

Licensee Comments: none

Drill/Exercise Performance



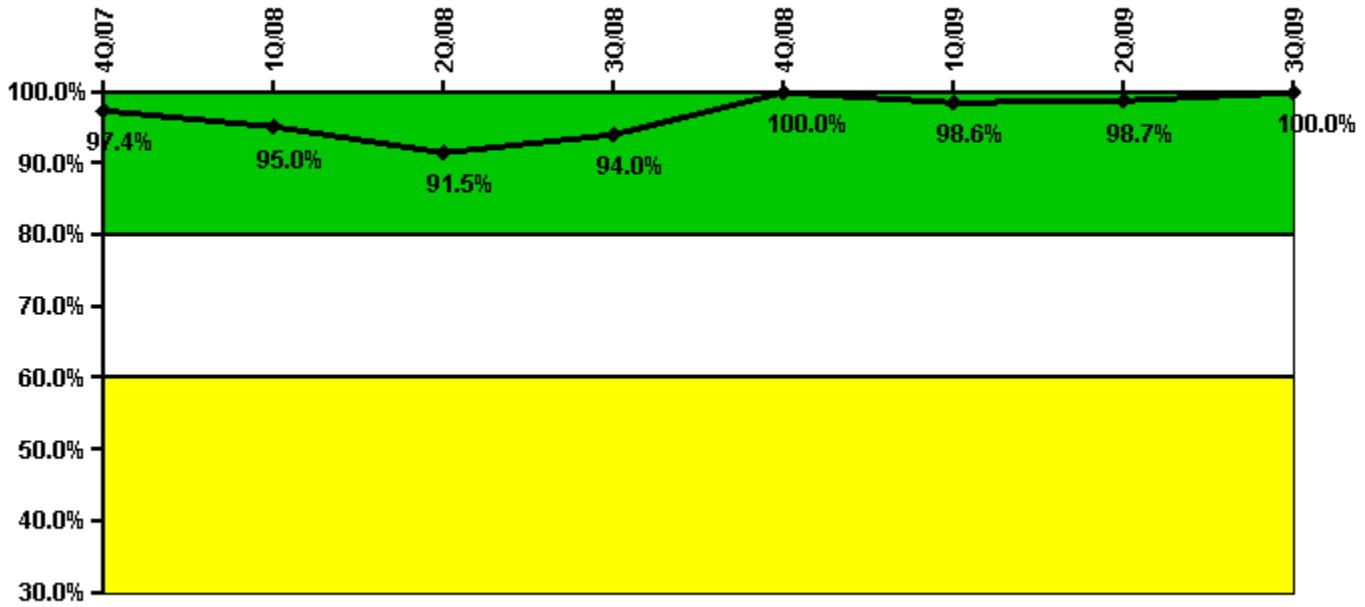
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Successful opportunities	0	50.0	52.0	30.0	15.0	33.0	19.0	20.0
Total opportunities	0	52.0	59.0	30.0	15.0	34.0	19.0	21.0
Indicator value	96.1%	97.6%	95.8%	96.0%	96.2%	95.6%	95.7%	95.2%

Licensee Comments: none

ERO Drill Participation



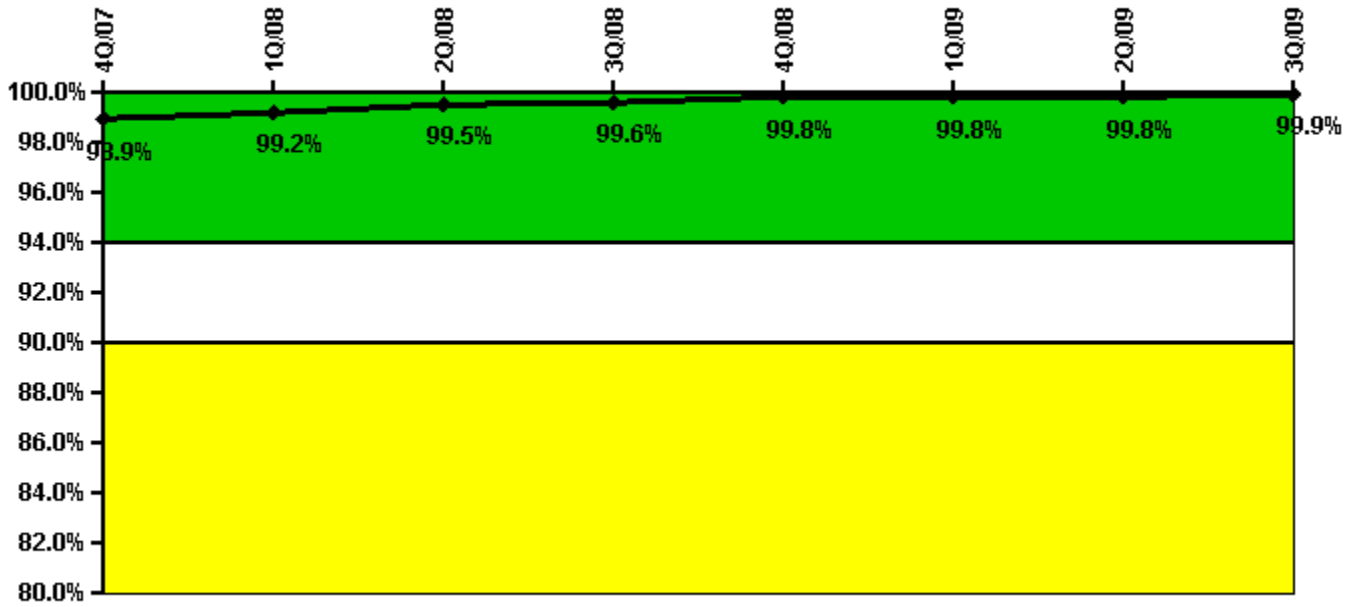
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Participating Key personnel	76.0	76.0	75.0	78.0	82.0	73.0	76.0	82.0
Total Key personnel	78.0	80.0	82.0	83.0	82.0	74.0	77.0	82.0
Indicator value	97.4%	95.0%	91.5%	94.0%	100.0%	98.6%	98.7%	100.0%

Licensee Comments: none

Alert & Notification System



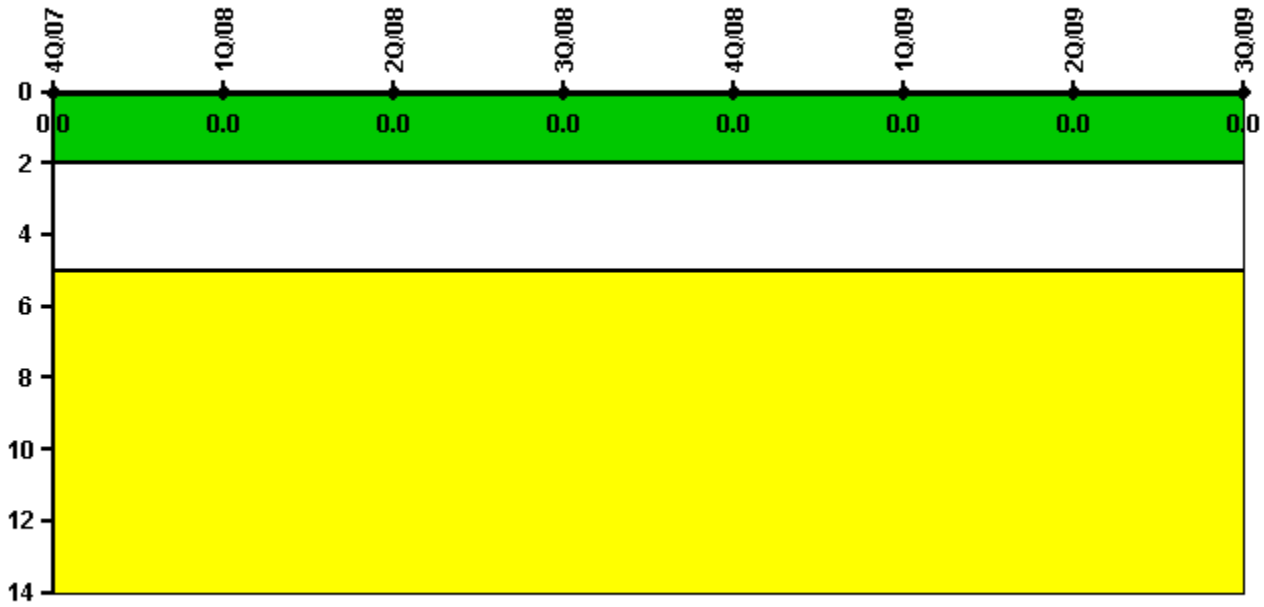
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Successful siren-tests	1033	1035	1038	1036	1079	1000	1038	1078
Total sirens-tests	1039	1038	1040	1040	1080	1000	1040	1080
Indicator value	98.9%	99.2%	99.5%	99.6%	99.8%	99.8%	99.8%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



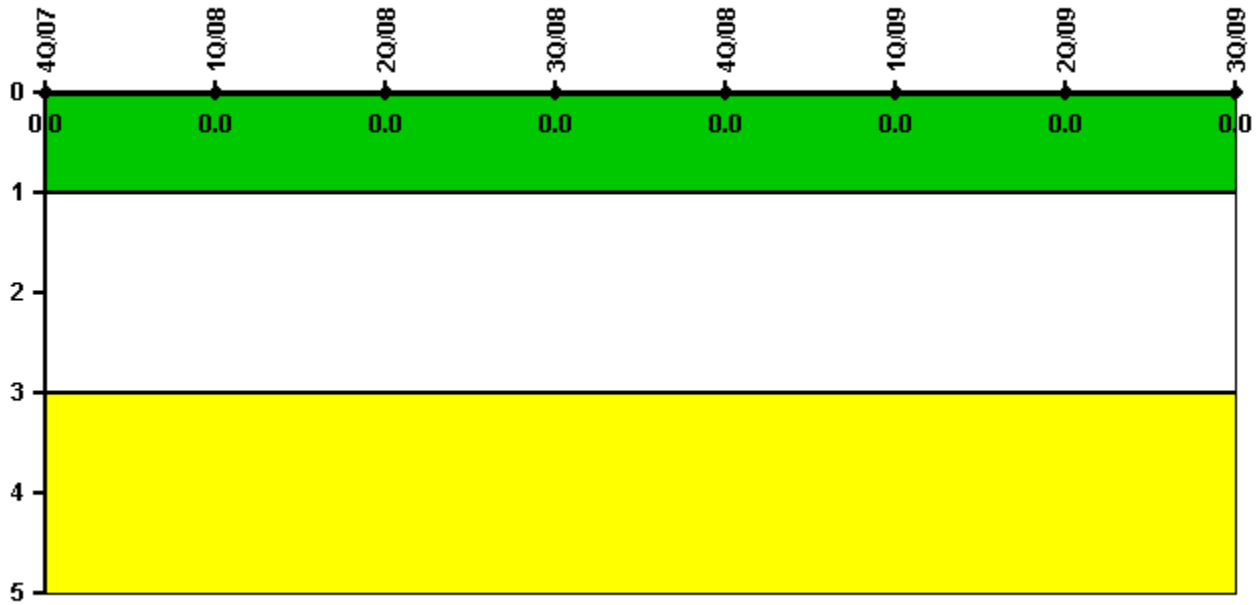
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
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/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
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.