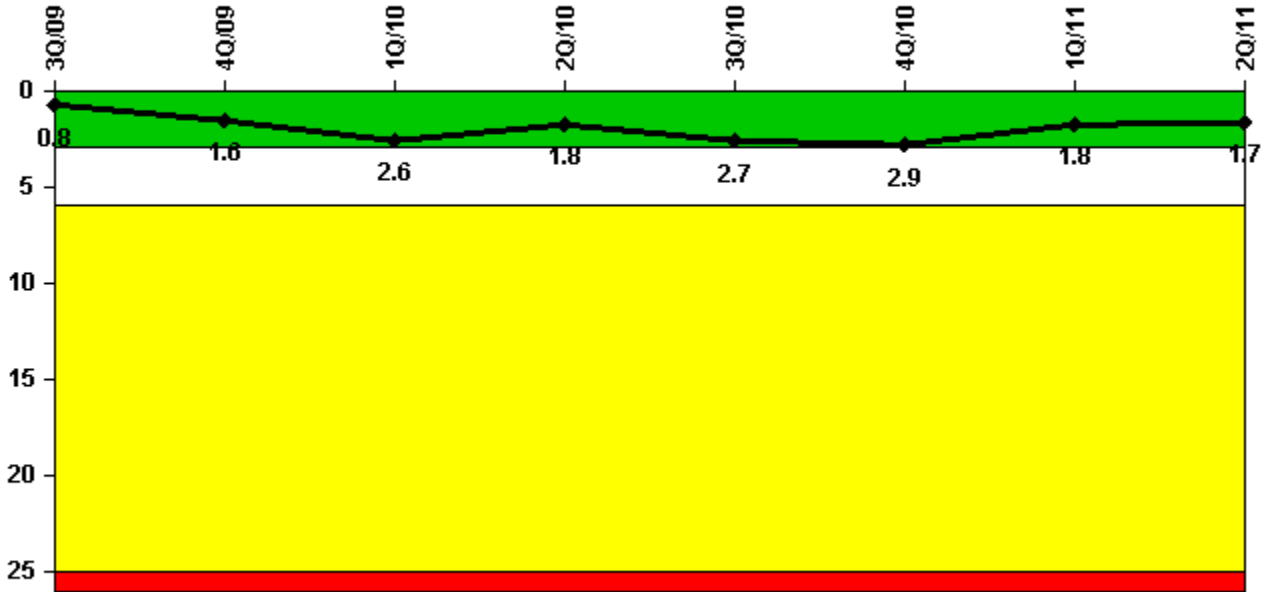


Indian Point 2

2Q/2011 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



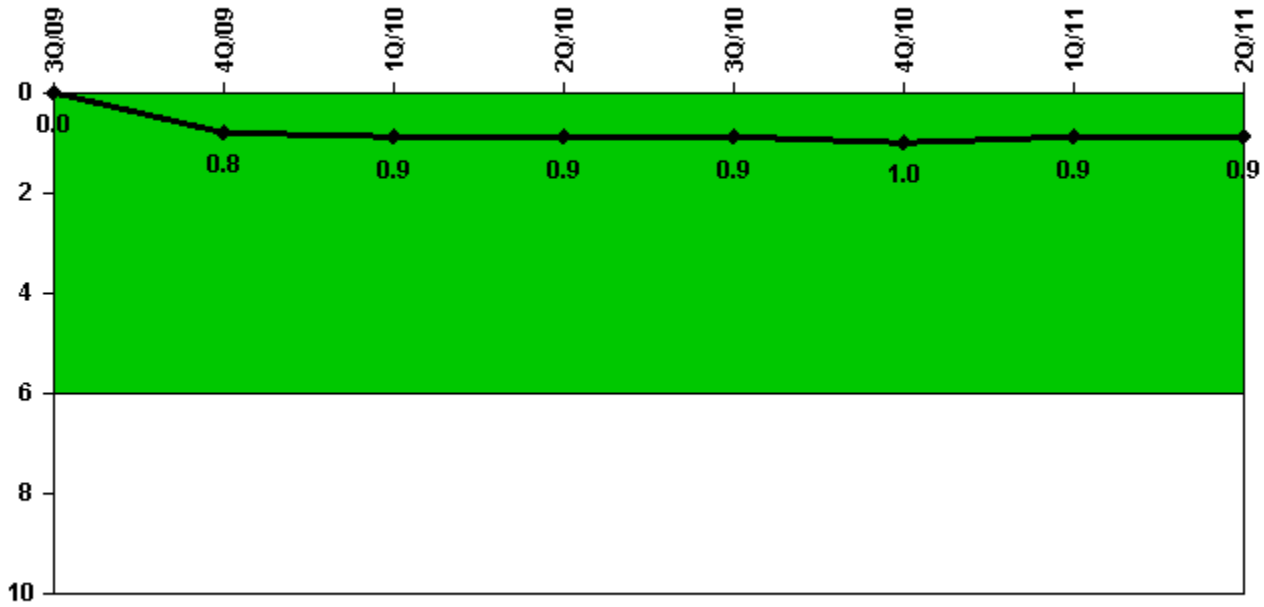
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 1.0 | 1.0 | 0 | 1.0 | 1.0 | 0 | 0 |
| Critical hours | 2208.0 | 2177.4 | 1614.4 | 1953.4 | 1966.5 | 1832.8 | 2159.0 | 2087.1 |
| Indicator value | 0.8 | 1.6 | 2.6 | 1.8 | 2.7 | 2.9 | 1.8 | 1.7 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes | 0 | 1.0 | 0 | 0 | 0 | 1.0 | 0 | 0 |
| Critical hours | 2208.0 | 2177.4 | 1614.4 | 1953.4 | 1966.5 | 1832.8 | 2159.0 | 2087.1 |
| Indicator value | 0 | 0.8 | 0.9 | 0.9 | 0.9 | 1.0 | 0.9 | 0.9 |

Licensee Comments: none

Unplanned Scrams with Complications



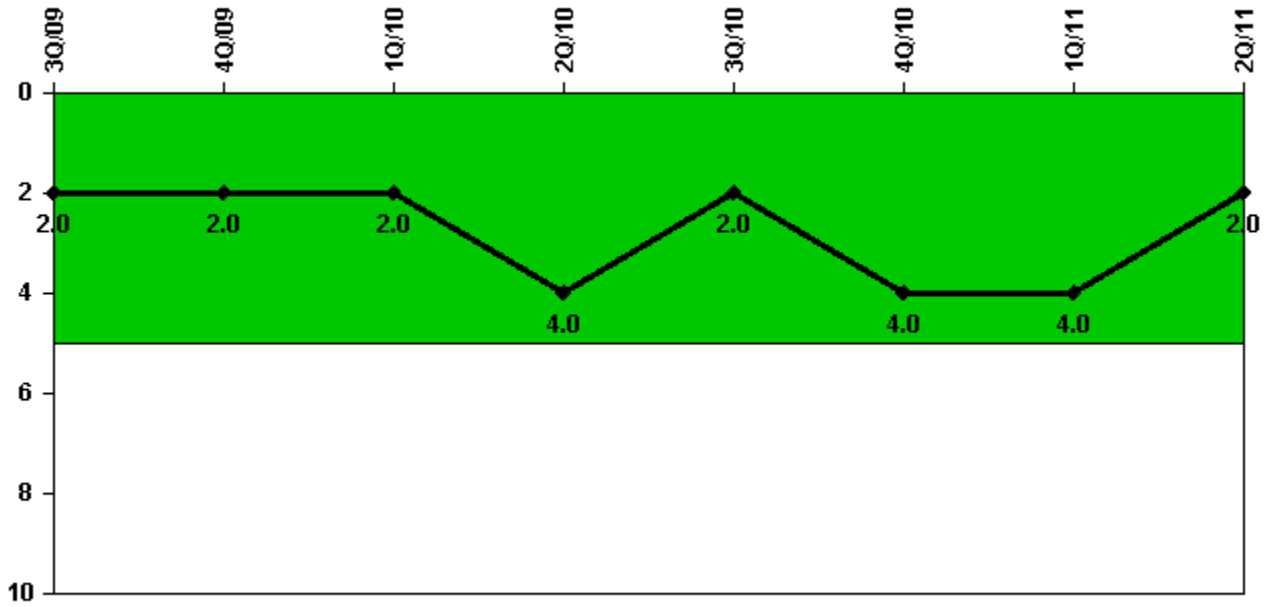
Thresholds: White > 1.0

Notes

| Unplanned Scrams with Complications | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/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)



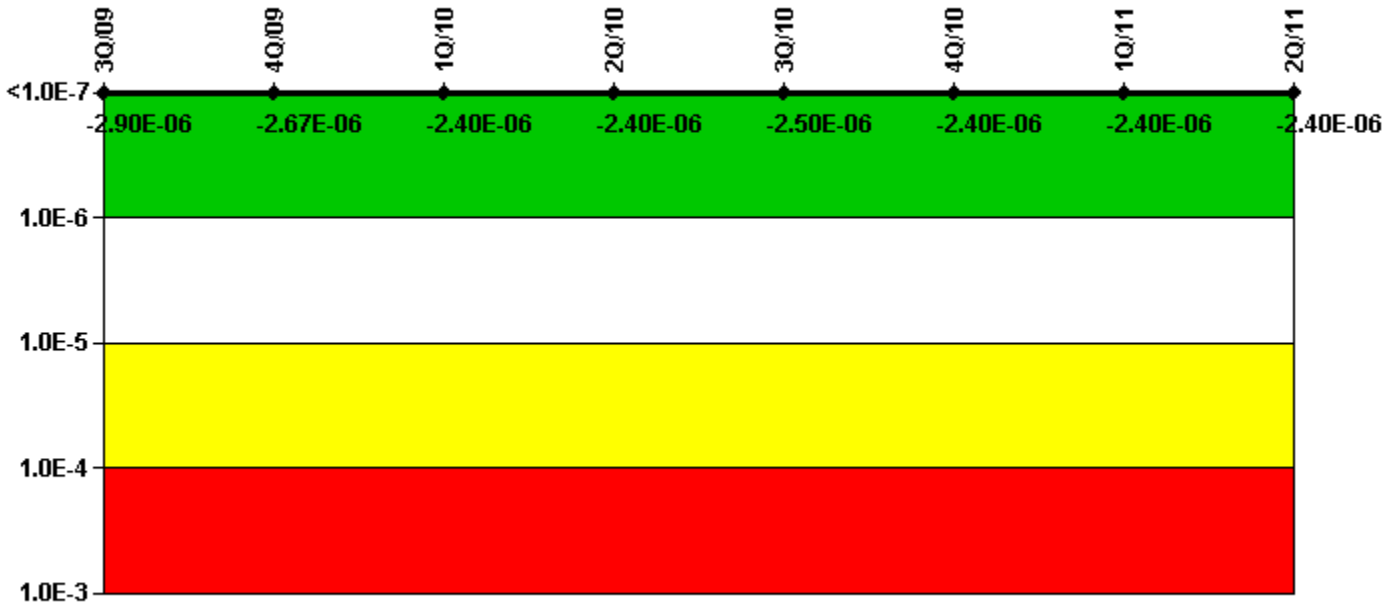
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



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

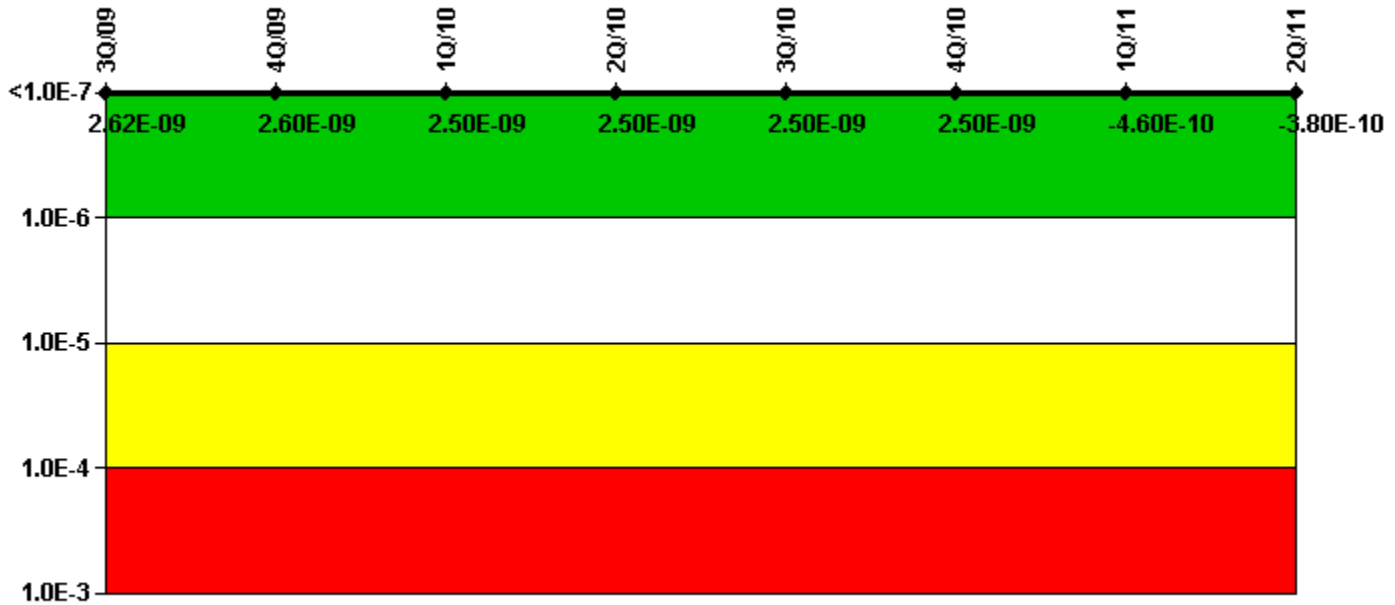
Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 6.00E-07 | 7.30E-07 | 7.28E-07 | 6.75E-07 | 6.41E-07 | 7.42E-07 | 6.97E-07 | 6.06E-07 |
| URI (Δ CDF) | -3.50E-06 | -3.40E-06 | -3.09E-06 | -3.12E-06 | -3.12E-06 | -3.13E-06 | -3.12E-06 | -2.98E-06 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -2.90E-06 | -2.67E-06 | -2.40E-06 | -2.40E-06 | -2.50E-06 | -2.40E-06 | -2.40E-06 | -2.40E-06 |

Licensee Comments:

2Q/11: Risk Cap Invoked.

Mitigating Systems Performance Index, High Pressure Injection System



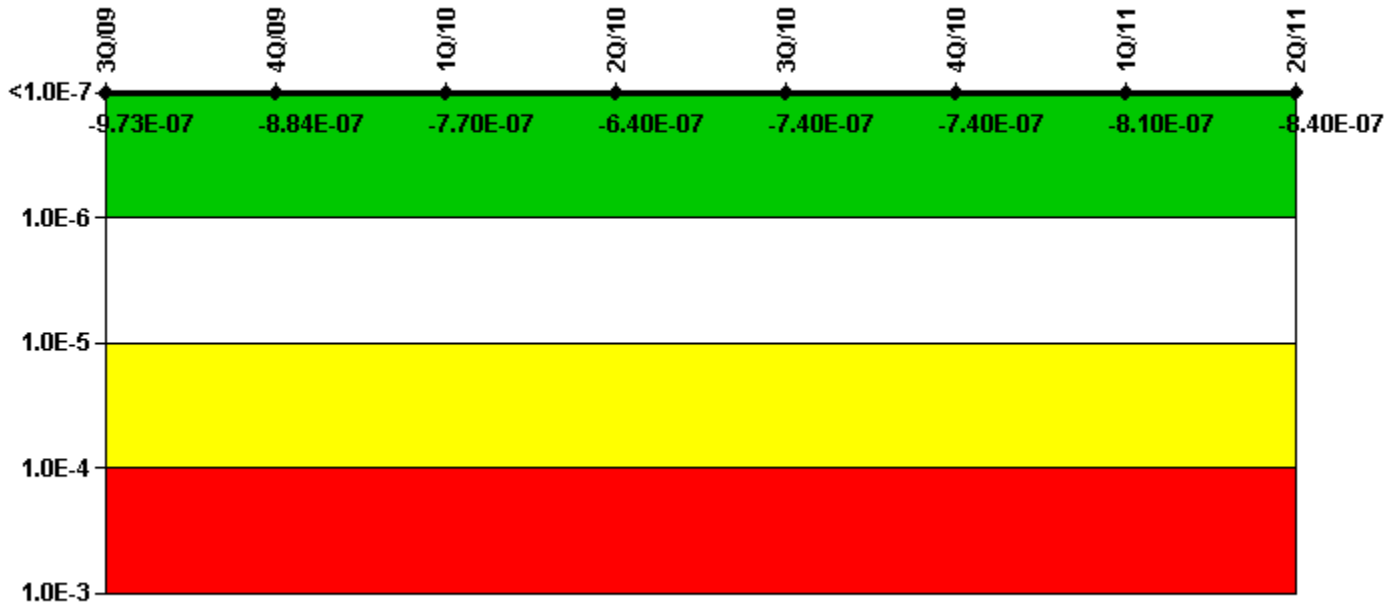
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -1.80E-10 | -2.00E-10 | -2.00E-10 | -2.03E-10 | -2.03E-10 | -2.03E-10 | -2.03E-10 | -1.44E-10 |
| URI (Δ CDF) | 2.80E-09 | 2.80E-09 | 2.74E-09 | 2.72E-09 | 2.72E-09 | 2.71E-09 | -2.56E-10 | -2.36E-10 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 2.62E-09 | 2.60E-09 | 2.50E-09 | 2.50E-09 | 2.50E-09 | 2.50E-09 | -4.60E-10 | -3.80E-10 |

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



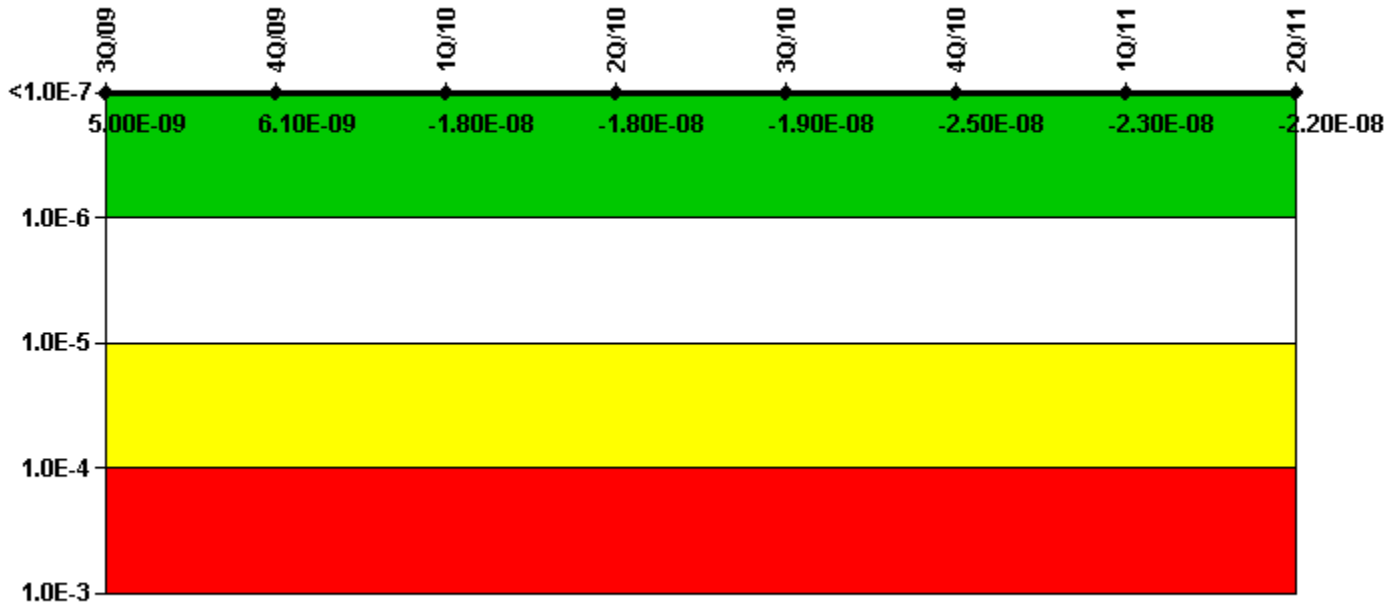
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Heat Removal System | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -1.30E-08 | 2.60E-08 | 1.67E-07 | 3.61E-07 | 2.68E-07 | 3.16E-07 | 2.08E-07 | 1.39E-07 |
| URI (Δ CDF) | -9.60E-07 | -9.10E-07 | -9.36E-07 | -1.00E-06 | -1.01E-06 | -1.05E-06 | -1.02E-06 | -9.79E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -9.73E-07 | -8.84E-07 | -7.70E-07 | -6.40E-07 | -7.40E-07 | -7.40E-07 | -8.10E-07 | -8.40E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



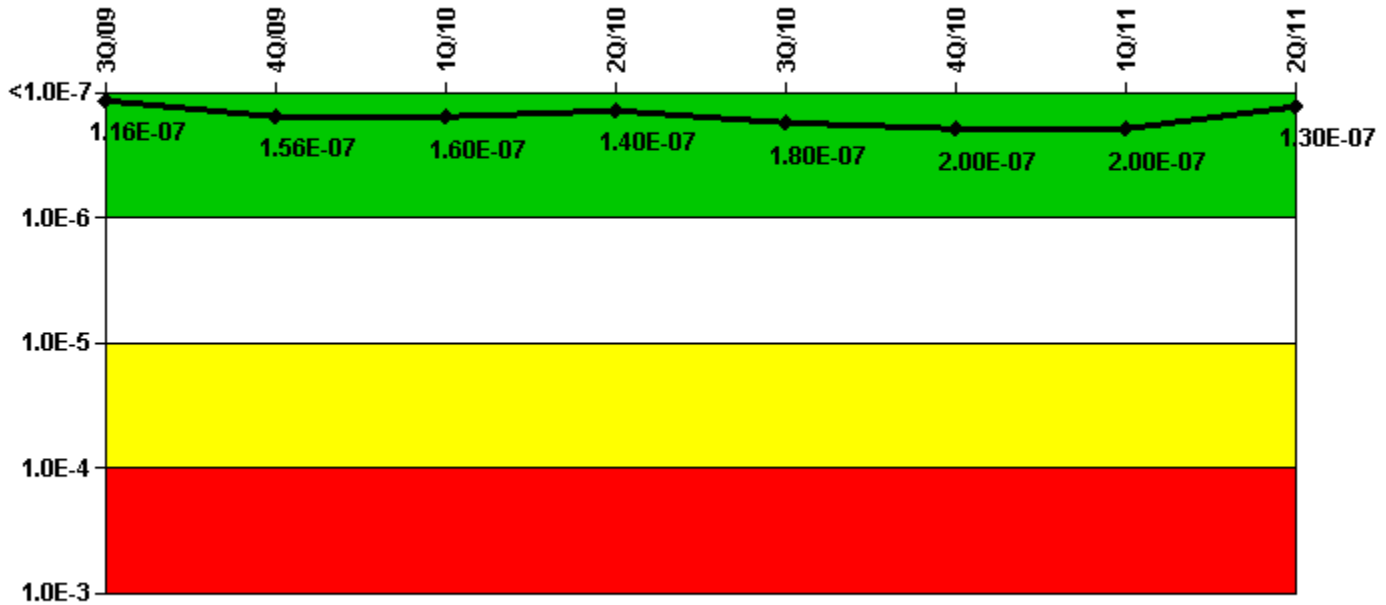
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -6.00E-09 | -5.90E-09 | -5.84E-09 | -5.77E-09 | -5.73E-09 | -1.09E-08 | -1.09E-08 | -1.09E-08 |
| URI (Δ CDF) | 1.10E-08 | 1.20E-08 | -1.19E-08 | -1.27E-08 | -1.31E-08 | -1.37E-08 | -1.24E-08 | -1.11E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 5.00E-09 | 6.10E-09 | -1.80E-08 | -1.80E-08 | -1.90E-08 | -2.50E-08 | -2.30E-08 | -2.20E-08 |

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



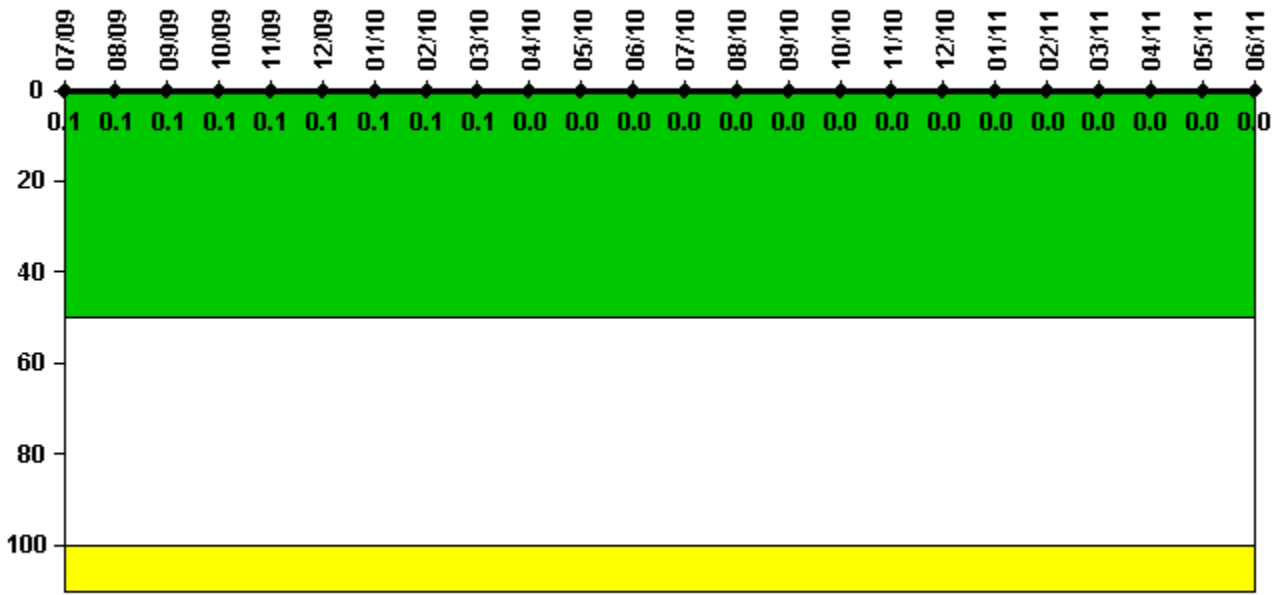
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| UAI (Δ CDF) | 1.60E-08 | 5.70E-08 | 5.96E-08 | 7.47E-08 | 8.53E-08 | 1.01E-07 | 1.27E-07 | 7.99E-08 |
| URI (Δ CDF) | 1.00E-07 | 9.90E-08 | 9.87E-08 | 6.63E-08 | 9.91E-08 | 1.03E-07 | 7.15E-08 | 4.61E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 1.16E-07 | 1.56E-07 | 1.60E-07 | 1.40E-07 | 1.80E-07 | 2.00E-07 | 2.00E-07 | 1.30E-07 |

Licensee Comments: none

Reactor Coolant System Activity



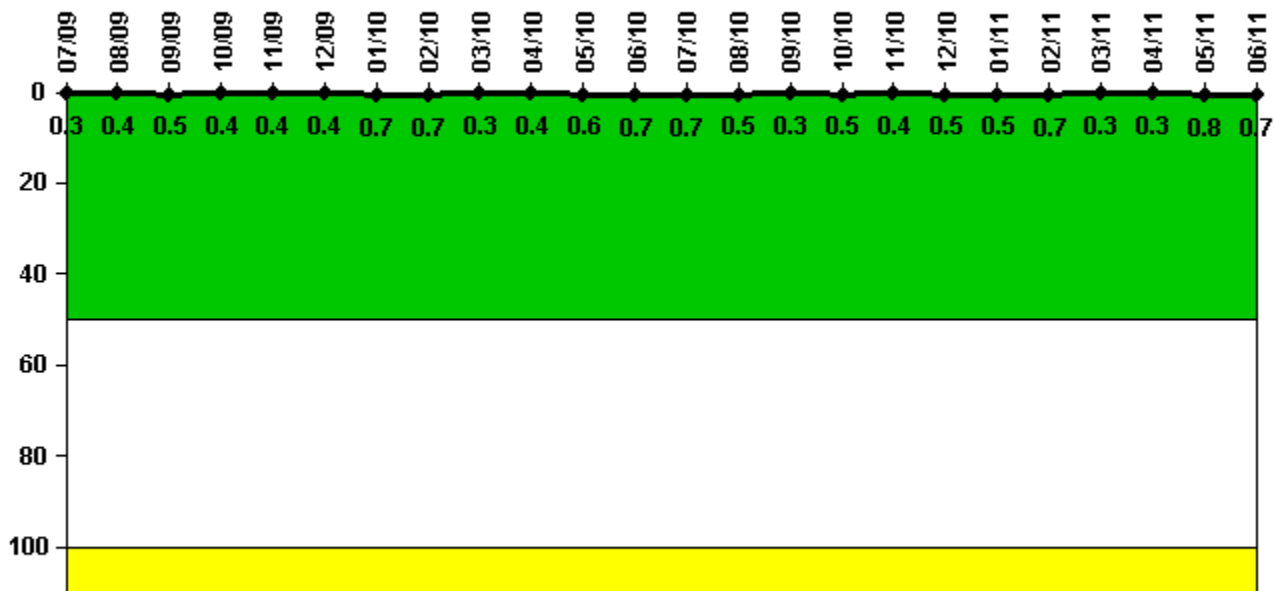
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Activity | 7/09 | 8/09 | 9/09 | 10/09 | 11/09 | 12/09 | 1/10 | 2/10 | 3/10 | 4/10 | 5/10 | 6/10 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000809 | 0.000816 | 0.000795 | 0.000839 | 0.000789 | 0.000918 | 0.000882 | 0.000897 | 0.000936 | 0.000342 | 0.000268 | 0.000286 |
| 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 | 0.1 | 0 | 0 | 0 |
| 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 | 0.000293 | 0.000311 | 0.000304 | 0.000333 | 0.000325 | 0.000350 | 0.000362 | 0.000333 | 0.000389 | 0.000370 | 0.000411 | 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 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Reactor Coolant System Leakage



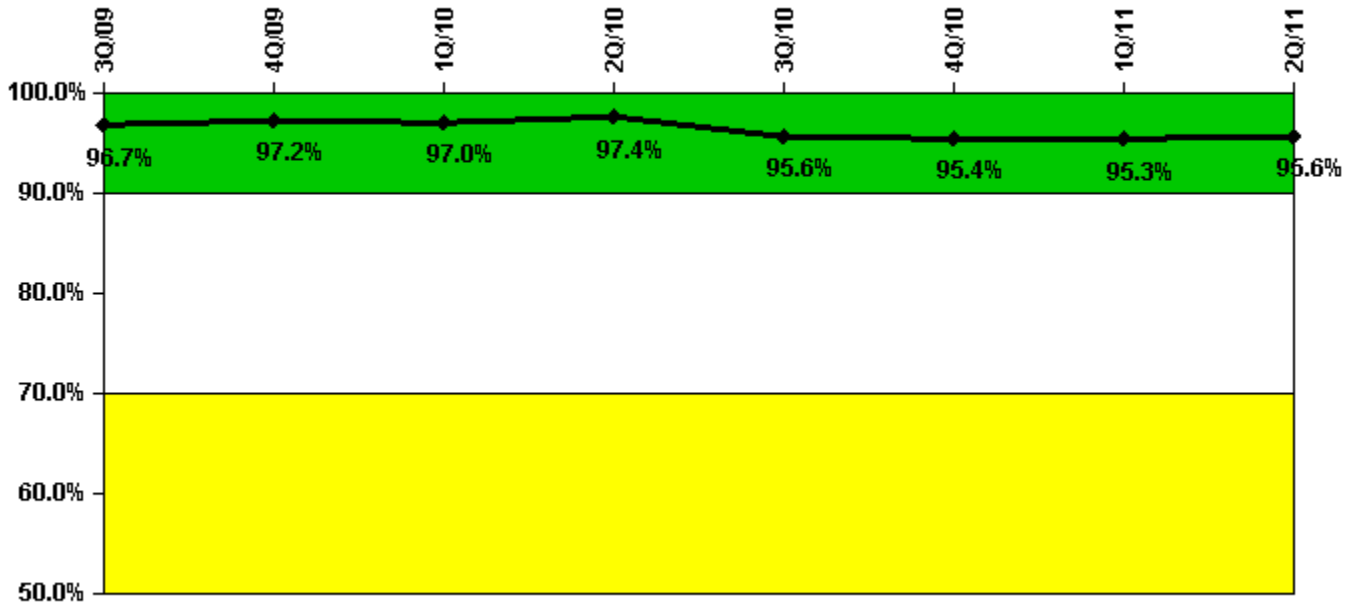
Thresholds: White > 50.0 Yellow > 100.0

Notes

| | | | | | | | | | | | | |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Reactor Coolant System Leakage | 7/09 | 8/09 | 9/09 | 10/09 | 11/09 | 12/09 | 1/10 | 2/10 | 3/10 | 4/10 | 5/10 | 6/10 |
| Maximum leakage | 0.030 | 0.040 | 0.050 | 0.040 | 0.040 | 0.040 | 0.070 | 0.070 | 0.030 | 0.040 | 0.060 | 0.070 |
| 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 | 0.3 | 0.4 | 0.5 | 0.4 | 0.4 | 0.4 | 0.7 | 0.7 | 0.3 | 0.4 | 0.6 | 0.7 |
| 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 | 0.070 | 0.050 | 0.030 | 0.050 | 0.040 | 0.050 | 0.050 | 0.070 | 0.030 | 0.030 | 0.080 | 0.070 |
| 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 | 0.7 | 0.5 | 0.3 | 0.5 | 0.4 | 0.5 | 0.5 | 0.7 | 0.3 | 0.3 | 0.8 | 0.7 |

Licensee Comments: none

Drill/Exercise Performance



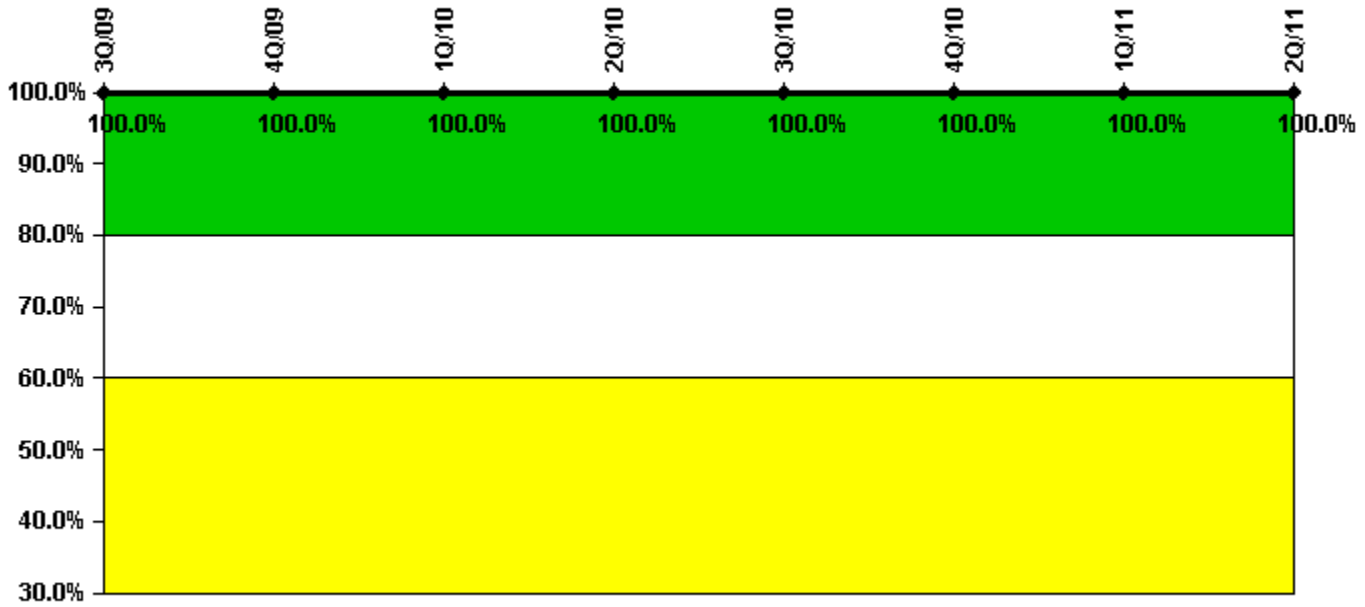
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 95.0 | 62.0 | 17.0 | 46.0 | 97.0 | 54.0 | 19.0 | 66.0 |
| Total opportunities | 96.0 | 64.0 | 18.0 | 48.0 | 108.0 | 56.0 | 21.0 | 66.0 |
| | | | | | | | | |
| Indicator value | 96.7% | 97.2% | 97.0% | 97.4% | 95.6% | 95.4% | 95.3% | 95.6% |

Licensee Comments: none

ERO Drill Participation



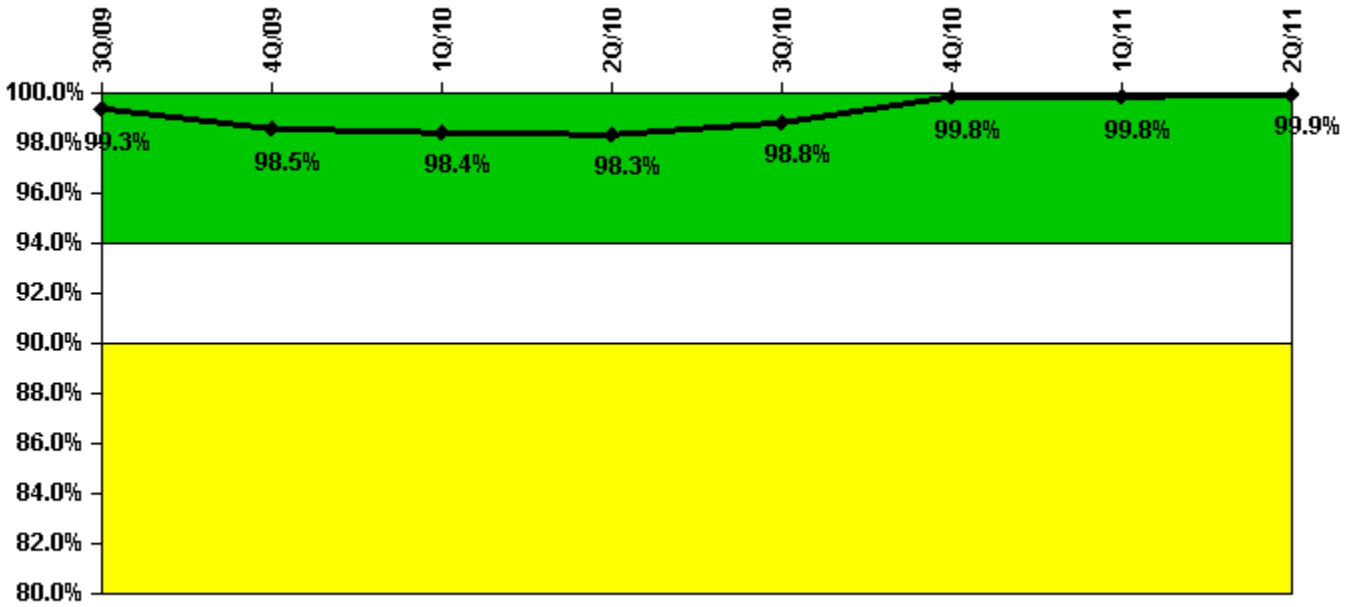
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| Participating Key personnel | 100.0 | 103.0 | 108.0 | 113.0 | 107.0 | 104.0 | 102.0 | 102.0 |
| Total Key personnel | 100.0 | 103.0 | 108.0 | 113.0 | 107.0 | 104.0 | 102.0 | 102.0 |
| | | | | | | | | |
| Indicator value | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 1159 | 1121 | 1014 | 878 | 1065 | 956 | 1012 | 1176 |
| Total sirens-tests | 1181 | 1163 | 1018 | 881 | 1066 | 957 | 1013 | 1179 |
| | | | | | | | | |
| Indicator value | 99.3% | 98.5% | 98.4% | 98.3% | 98.8% | 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 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/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 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/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.