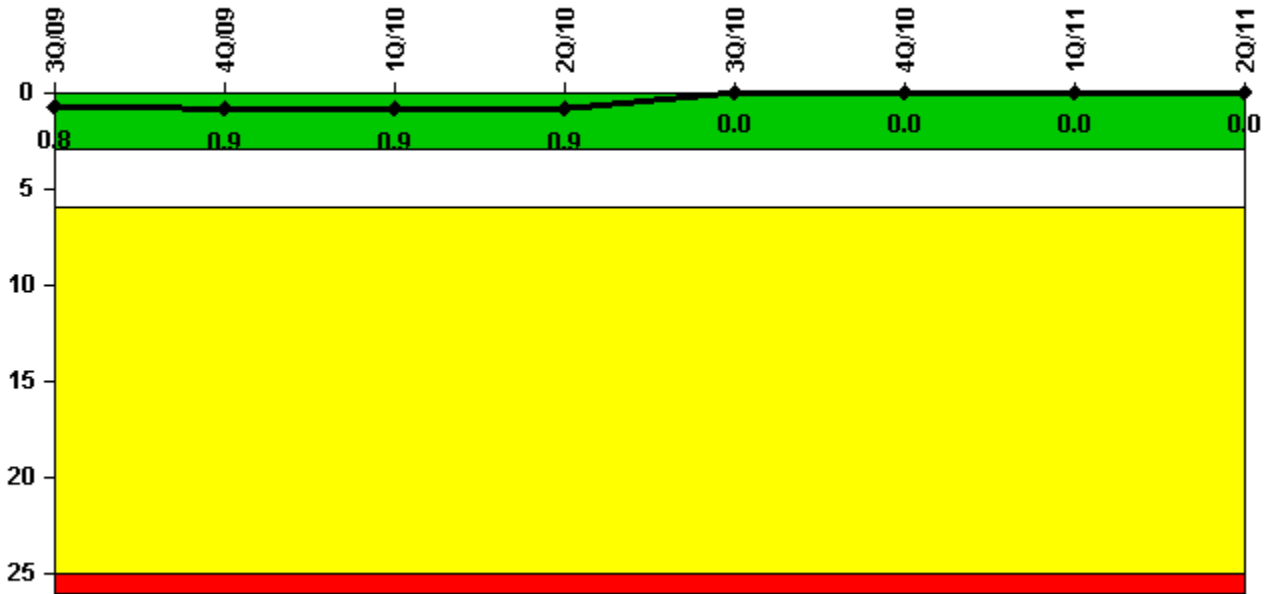


River Bend 1

2Q/2011 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



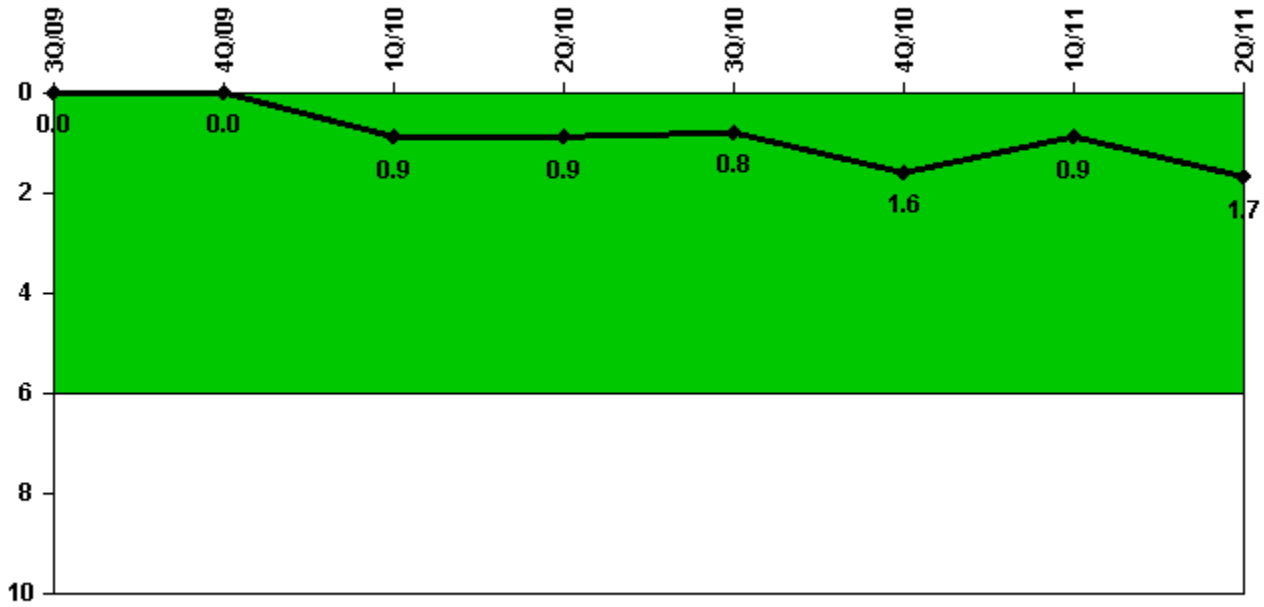
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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 | 1.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 1961.8 | 1805.2 | 2159.0 | 2184.0 | 2111.5 | 2209.0 | 1508.6 | 2184.0 |
| Indicator value | 0.8 | 0.9 | 0.9 | 0.9 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



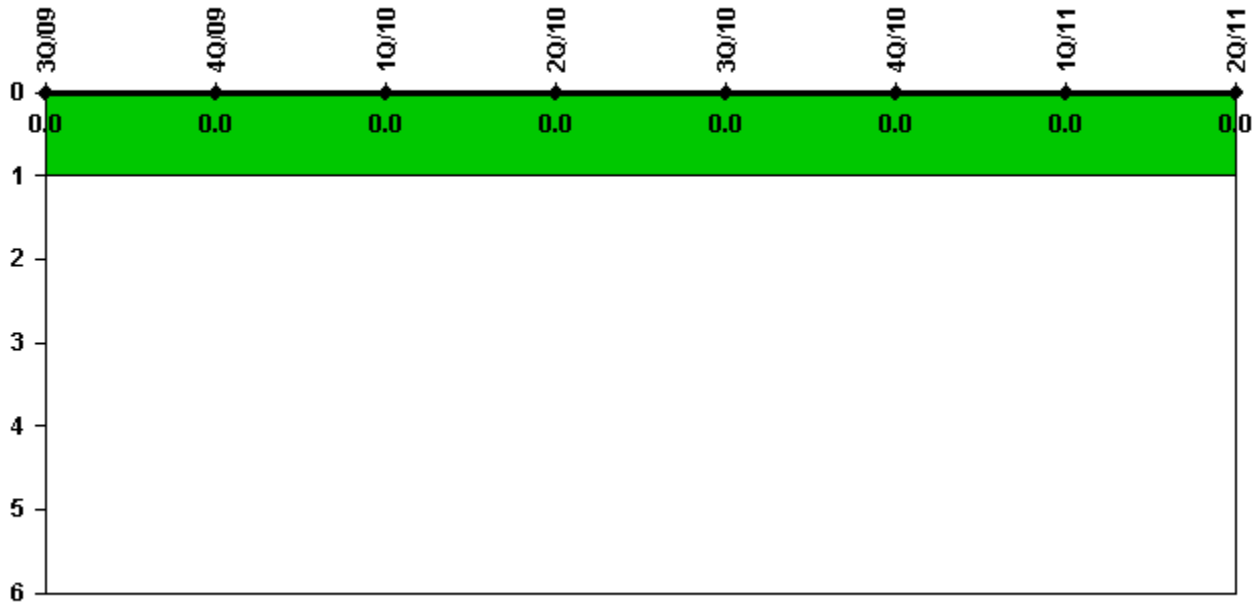
Thresholds: White > 6.0

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 | 0 | 1.0 | 0 | 0 | 1.0 | 0 | 1.0 |
| Critical hours | 1961.8 | 1805.2 | 2159.0 | 2184.0 | 2111.5 | 2209.0 | 1508.6 | 2184.0 |
| Indicator value | 0 | 0 | 0.9 | 0.9 | 0.8 | 1.6 | 0.9 | 1.7 |

Licensee Comments: none

Unplanned Scrams with Complications



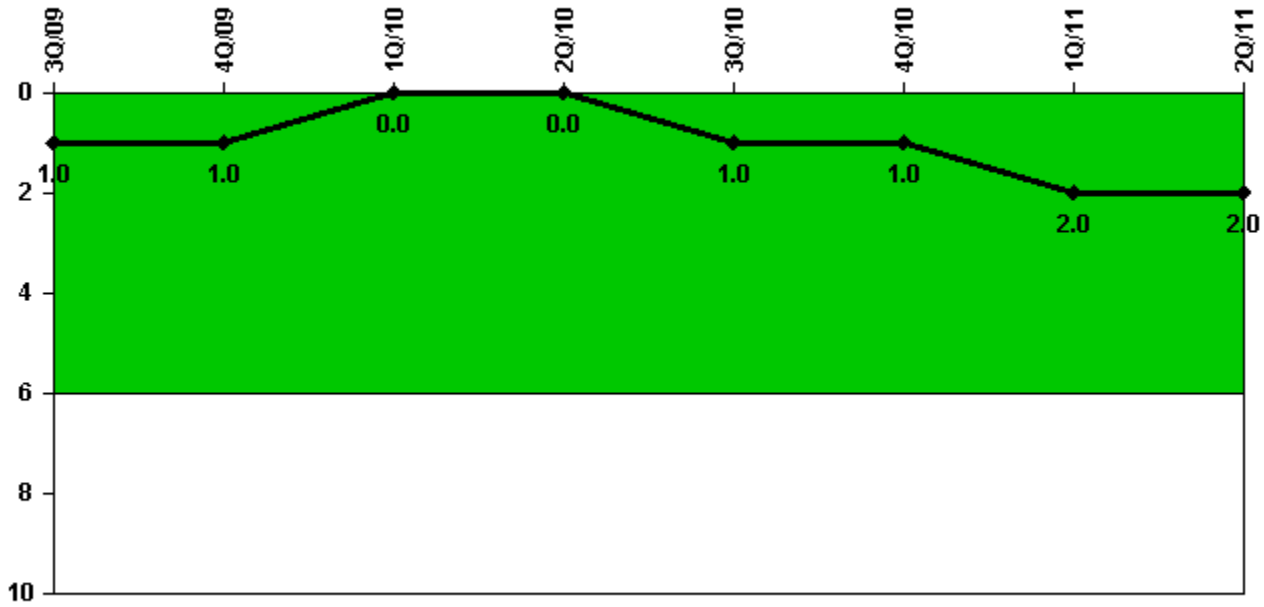
Thresholds: White > 1.0

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 (BWR)



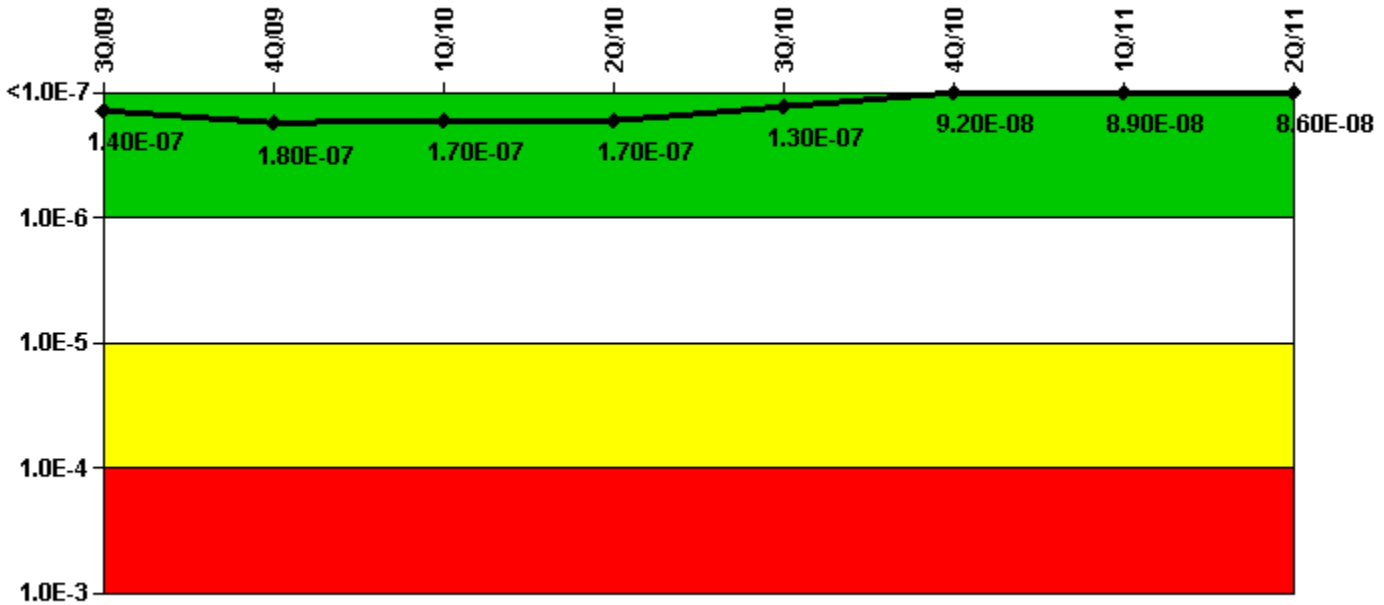
Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



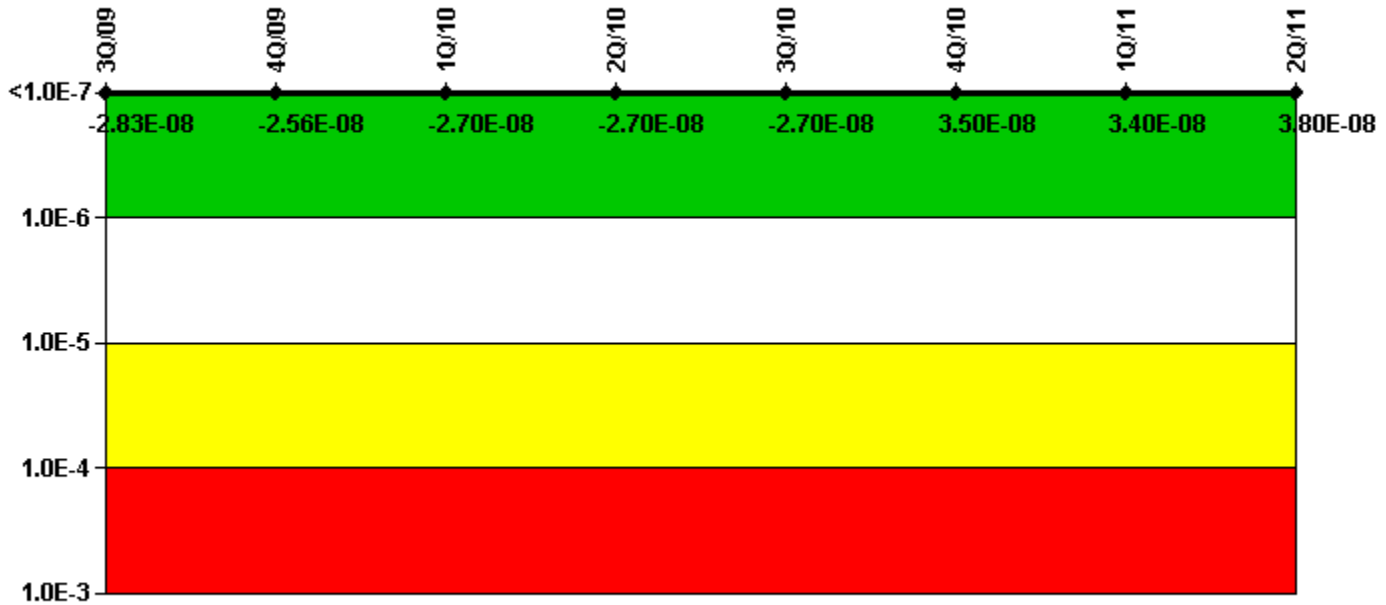
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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) | 3.39E-08 | 3.82E-08 | 1.12E-08 | 1.10E-08 | 8.95E-09 | 2.43E-08 | 2.31E-08 | 1.85E-08 |
| URI (Δ CDF) | 1.06E-07 | 1.47E-07 | 1.57E-07 | 1.57E-07 | 1.22E-07 | 6.74E-08 | 6.63E-08 | 6.71E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 1.40E-07 | 1.80E-07 | 1.70E-07 | 1.70E-07 | 1.30E-07 | 9.20E-08 | 8.90E-08 | 8.60E-08 |

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



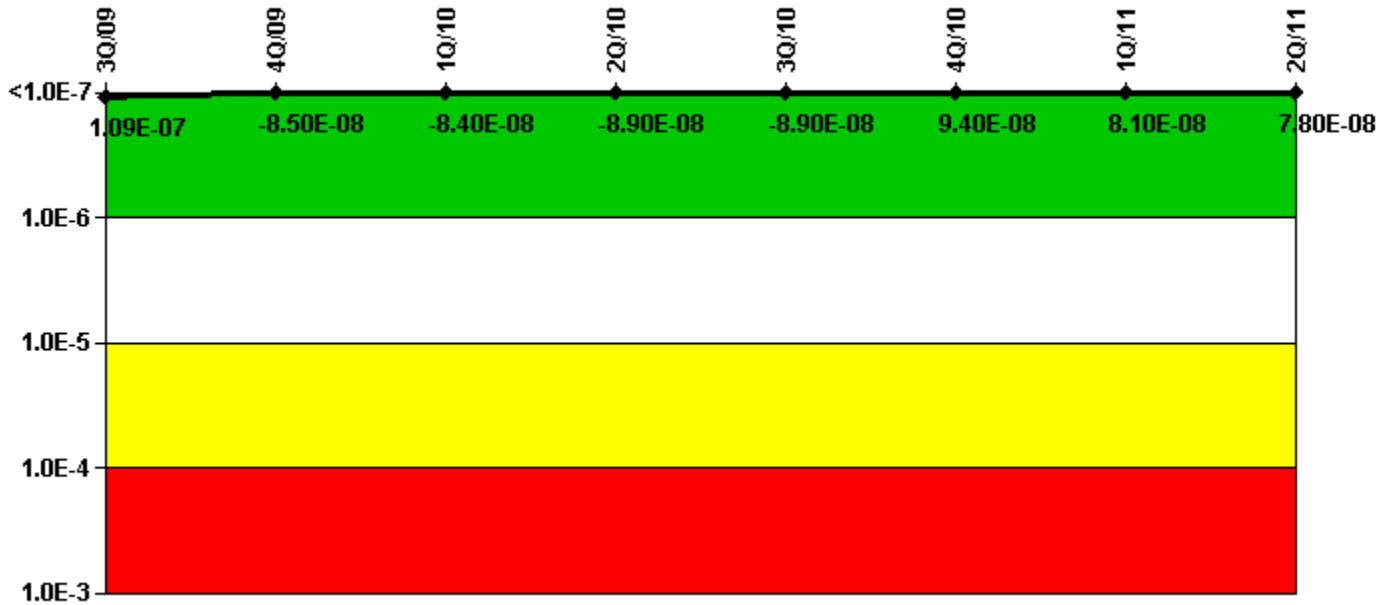
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 |
|--|-----------|-----------|-----------|-----------|-----------|----------|----------|----------|
| UAI (Δ CDF) | -1.30E-09 | 1.40E-09 | 2.40E-09 | 2.28E-09 | 2.28E-09 | 1.01E-08 | 9.64E-09 | 9.64E-09 |
| URI (Δ CDF) | -2.70E-08 | -2.70E-08 | -2.95E-08 | -2.96E-08 | -2.94E-08 | 2.47E-08 | 2.41E-08 | 2.82E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -2.83E-08 | -2.56E-08 | -2.70E-08 | -2.70E-08 | -2.70E-08 | 3.50E-08 | 3.40E-08 | 3.80E-08 |

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



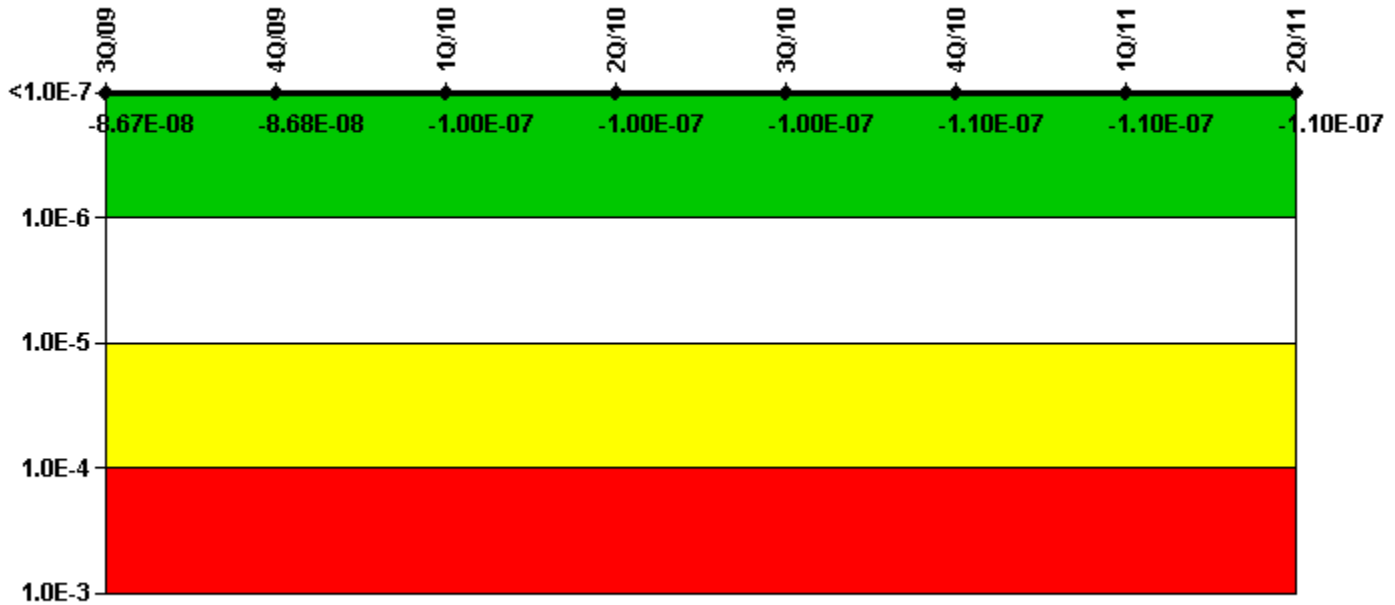
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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) | -2.10E-08 | -2.10E-08 | -2.15E-08 | -2.16E-08 | -2.16E-08 | -1.35E-08 | -1.39E-08 | -1.32E-08 |
| URI (Δ CDF) | 1.30E-07 | -6.40E-08 | -6.30E-08 | -6.73E-08 | -6.69E-08 | 1.07E-07 | 9.53E-08 | 9.17E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 1.09E-07 | -8.50E-08 | -8.40E-08 | -8.90E-08 | -8.90E-08 | 9.40E-08 | 8.10E-08 | 7.80E-08 |

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



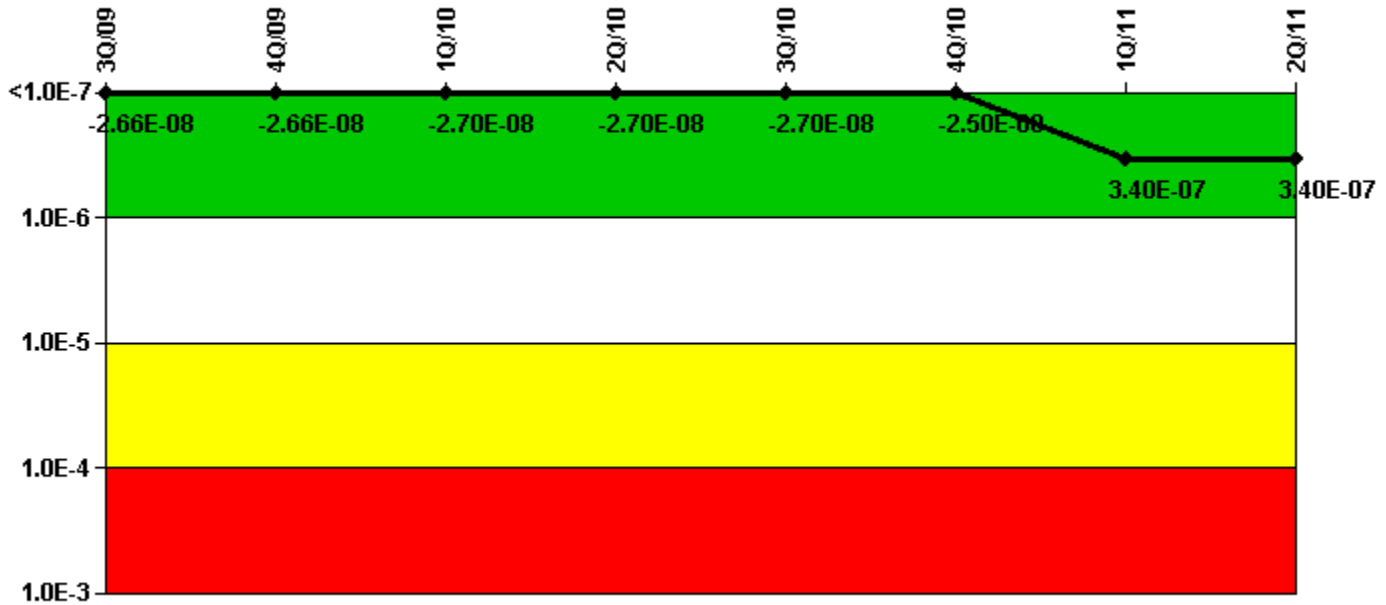
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -8.70E-09 | -7.80E-09 | -2.22E-08 | -2.25E-08 | -2.25E-08 | -3.47E-08 | -3.47E-08 | -3.47E-08 |
| URI (Δ CDF) | -7.80E-08 | -7.90E-08 | -7.99E-08 | -7.84E-08 | -7.74E-08 | -7.69E-08 | -7.57E-08 | -7.50E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -8.67E-08 | -8.68E-08 | -1.00E-07 | -1.00E-07 | -1.00E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



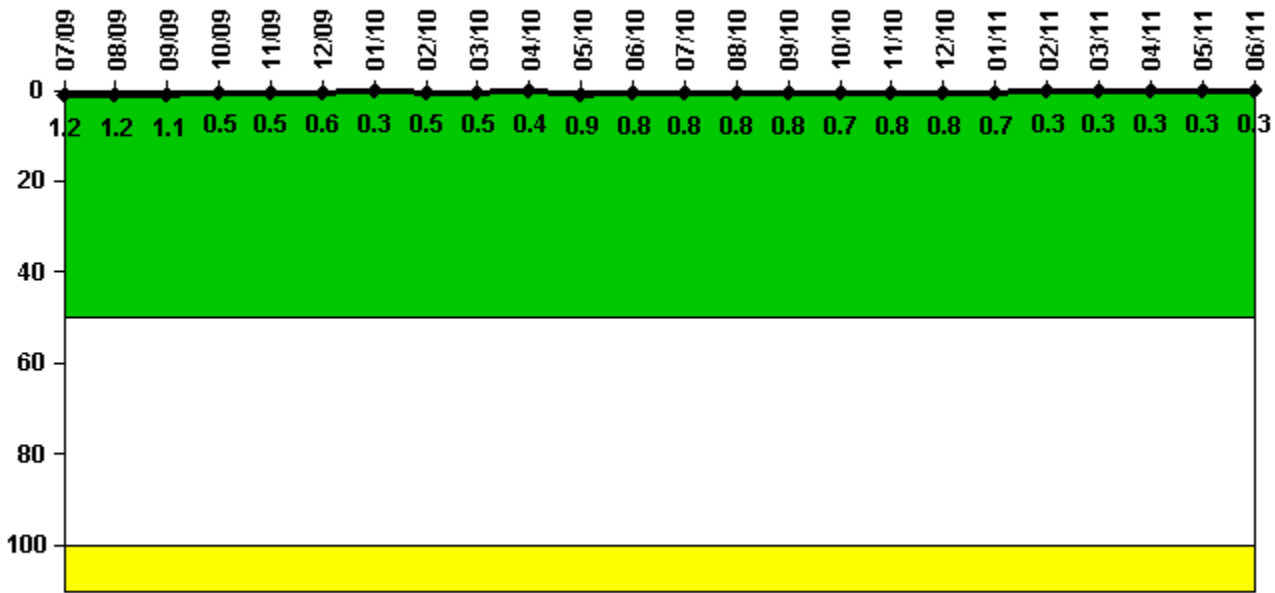
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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) | -2.60E-09 | -2.60E-09 | -2.64E-09 | -2.64E-09 | -2.64E-09 | -2.64E-09 | -2.64E-09 | -2.64E-09 |
| URI (Δ CDF) | -2.40E-08 | -2.40E-08 | -2.43E-08 | -2.43E-08 | -2.43E-08 | -2.26E-08 | 3.41E-07 | 3.41E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -2.66E-08 | -2.66E-08 | -2.70E-08 | -2.70E-08 | -2.70E-08 | -2.50E-08 | 3.40E-07 | 3.40E-07 |

Licensee Comments: none

Reactor Coolant System Activity



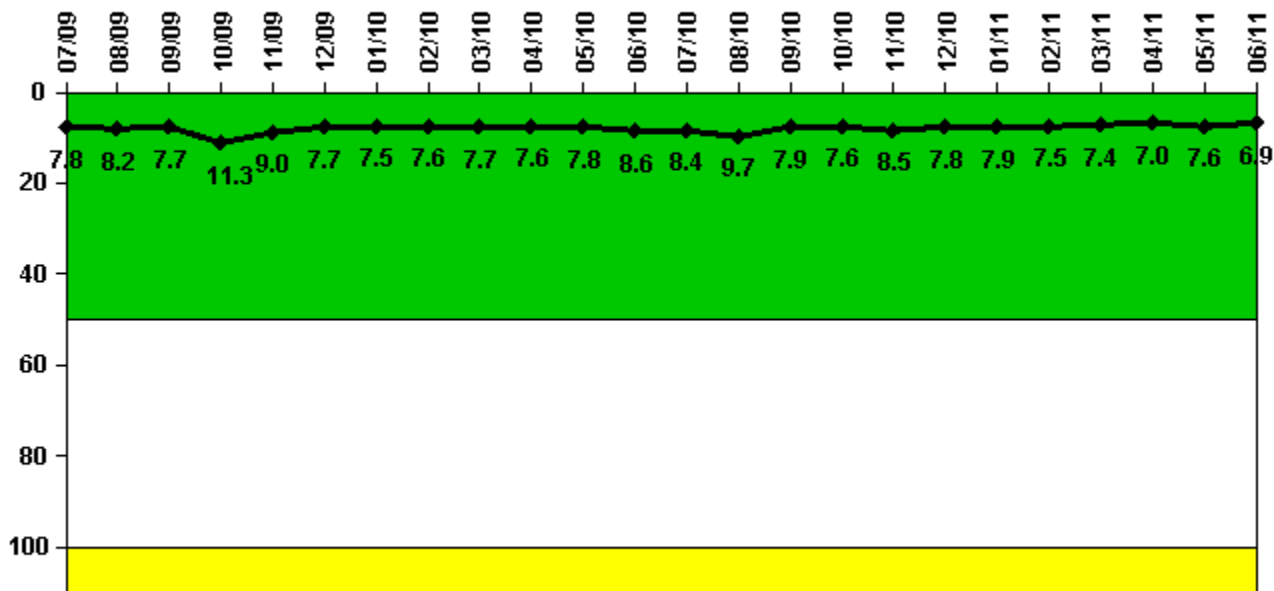
Thresholds: White > 50.0 Yellow > 100.0

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 | 0.002410 | 0.002420 | 0.002210 | 0.001090 | 0.001040 | 0.001160 | 0.000696 | 0.001080 | 0.000994 | 0.000866 | 0.001880 | 0.001670 |
| Technical specification limit | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Indicator value | 1.2 | 1.2 | 1.1 | 0.5 | 0.5 | 0.6 | 0.3 | 0.5 | 0.5 | 0.4 | 0.9 | 0.8 |
| 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 | 0.001640 | 0.001670 | 0.001540 | 0.001380 | 0.001520 | 0.001530 | 0.001400 | 0.000626 | 0.000658 | 0.000583 | 0.000604 | 0.000572 |
| Technical specification limit | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Indicator value | 0.8 | 0.8 | 0.8 | 0.7 | 0.8 | 0.8 | 0.7 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |

Licensee Comments: none

Reactor Coolant System Leakage



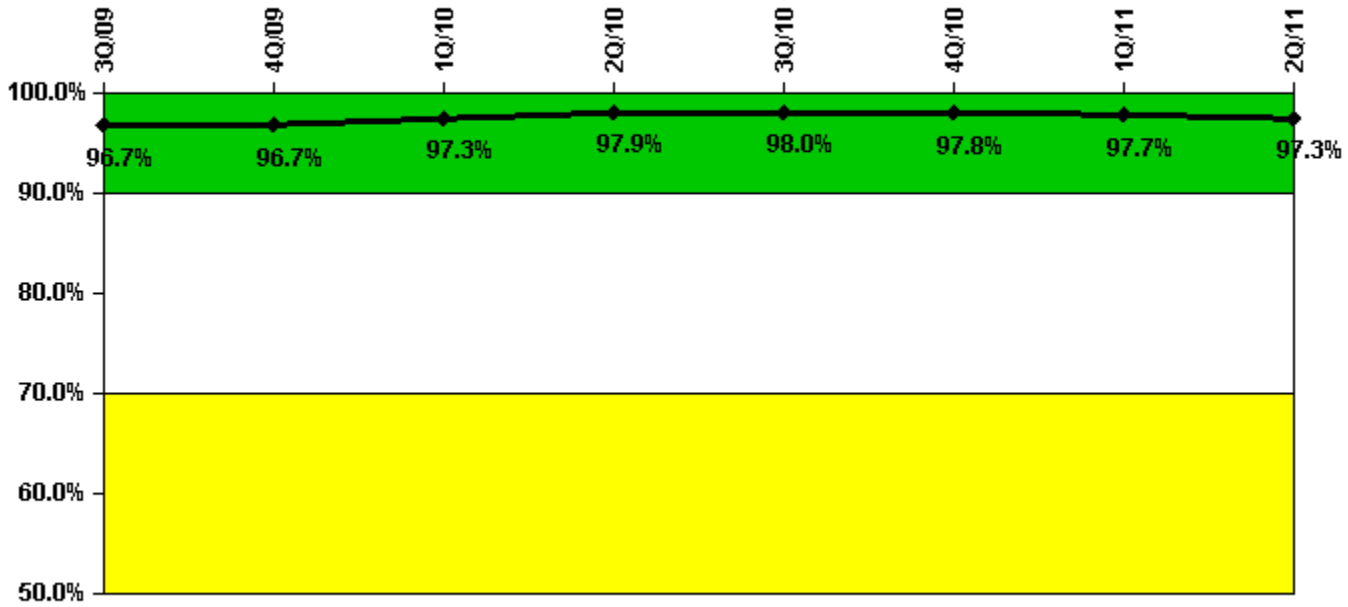
Thresholds: White > 50.0 Yellow > 100.0

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 | 2.340 | 2.450 | 2.310 | 3.390 | 2.700 | 2.300 | 2.260 | 2.270 | 2.320 | 2.290 | 2.330 | 2.590 |
| Technical specification limit | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 |
| Indicator value | 7.8 | 8.2 | 7.7 | 11.3 | 9.0 | 7.7 | 7.5 | 7.6 | 7.7 | 7.6 | 7.8 | 8.6 |
| 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 | 2.510 | 2.920 | 2.360 | 2.270 | 2.540 | 2.330 | 2.370 | 2.250 | 2.210 | 2.100 | 2.290 | 2.080 |
| Technical specification limit | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 |
| Indicator value | 8.4 | 9.7 | 7.9 | 7.6 | 8.5 | 7.8 | 7.9 | 7.5 | 7.4 | 7.0 | 7.6 | 6.9 |

Licensee Comments: none

Drill/Exercise Performance



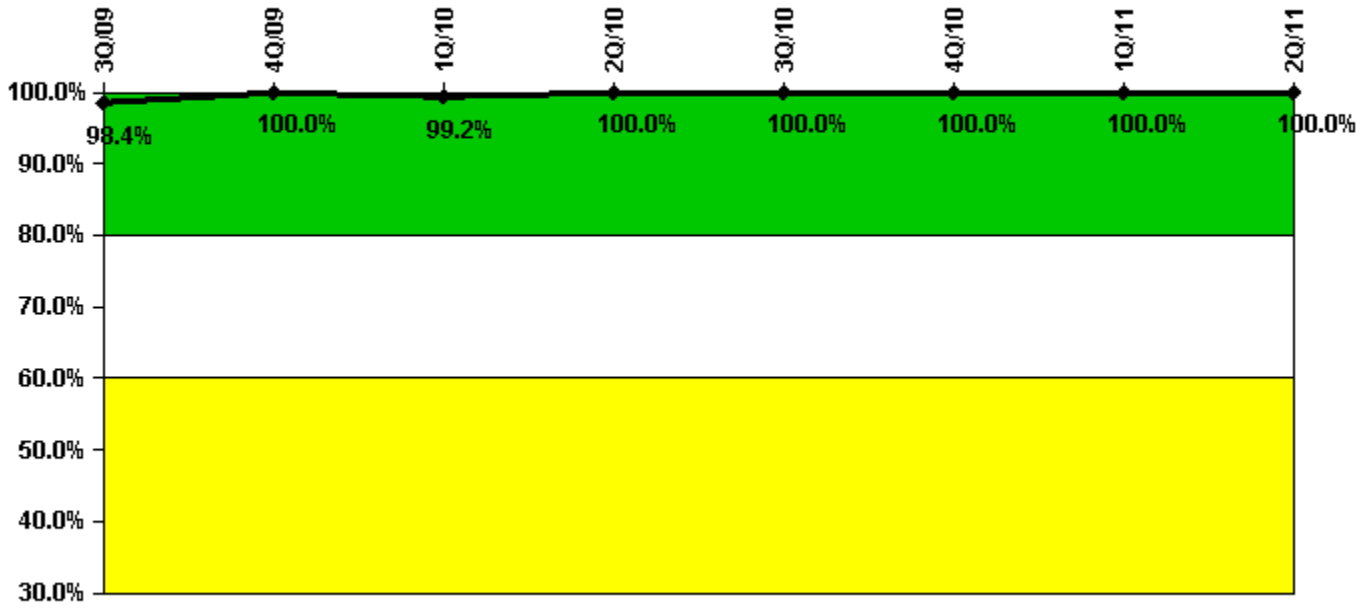
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 27.0 | 0 | 28.0 | 54.0 | 43.0 | 10.0 | 24.0 | 33.0 |
| Total opportunities | 28.0 | 0 | 30.0 | 56.0 | 43.0 | 10.0 | 24.0 | 34.0 |
| | | | | | | | | |
| Indicator value | 96.7% | 96.7% | 97.3% | 97.9% | 98.0% | 97.8% | 97.7% | 97.3% |

Licensee Comments: none

ERO Drill Participation



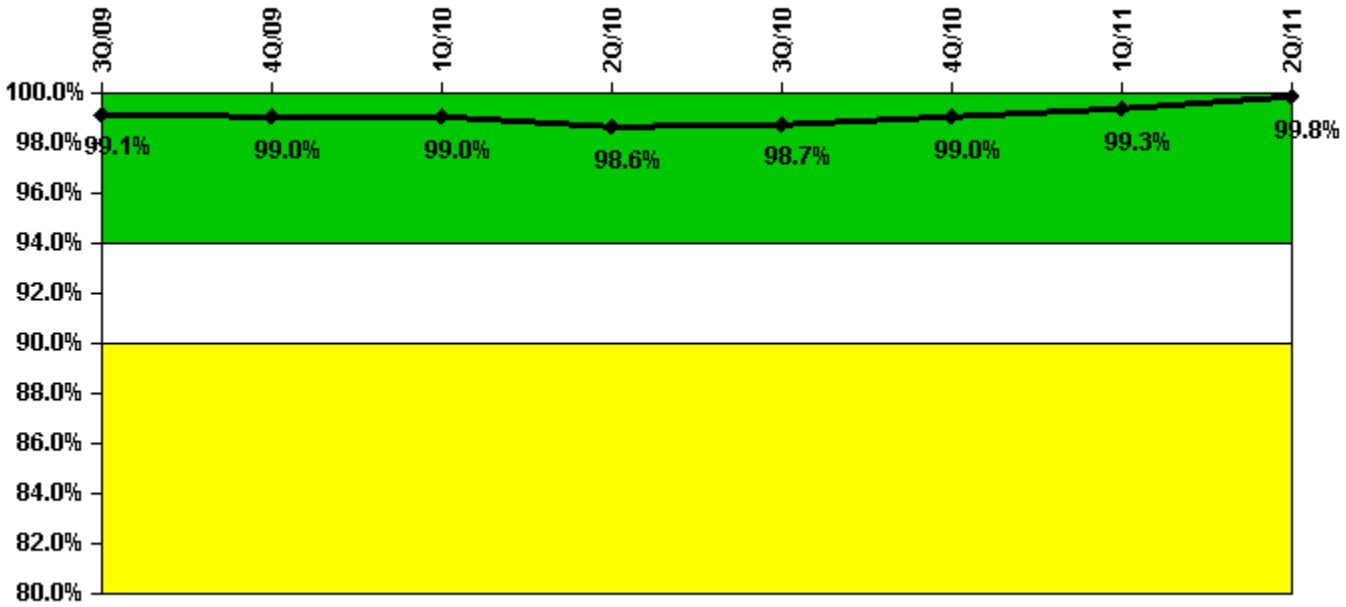
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 |
|-----------------------------|-------|--------|-------|--------|--------|--------|--------|--------|
| Participating Key personnel | 120.0 | 128.0 | 126.0 | 128.0 | 132.0 | 96.0 | 97.0 | 96.0 |
| Total Key personnel | 122.0 | 128.0 | 127.0 | 128.0 | 132.0 | 96.0 | 97.0 | 96.0 |
| | | | | | | | | |
| Indicator value | 98.4% | 100.0% | 99.2% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

Alert & Notification System



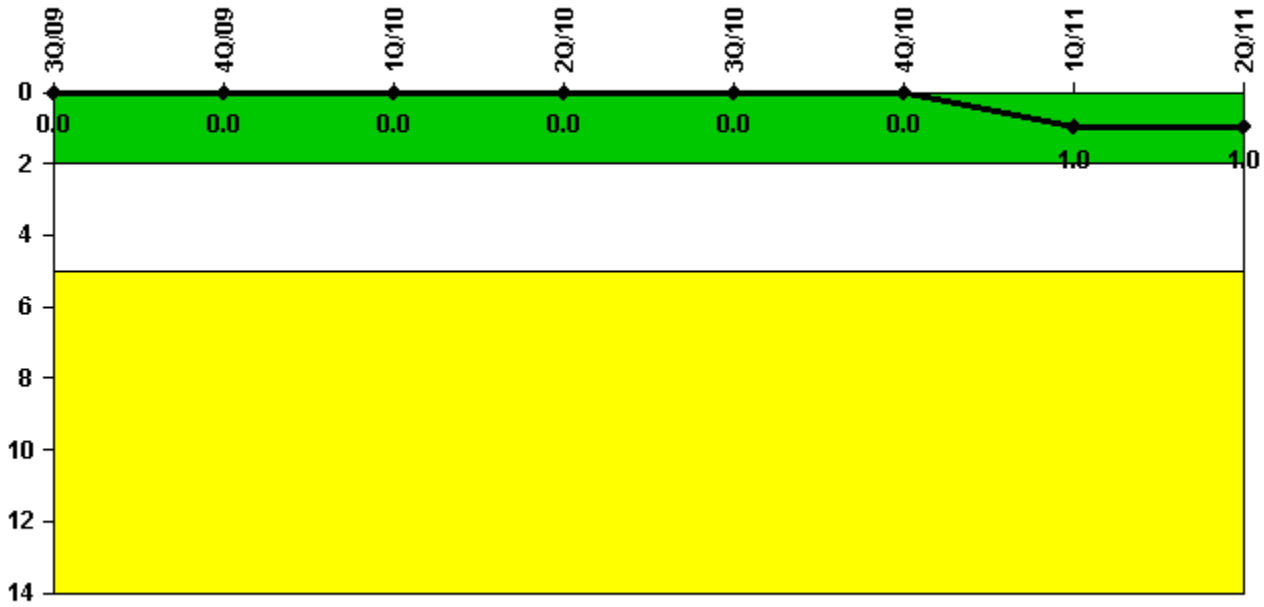
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 1289 | 1011 | 1100 | 1184 | 1201 | 1209 | 1207 | 1207 |
| Total sirens-tests | 1302 | 1023 | 1116 | 1209 | 1209 | 1209 | 1209 | 1209 |
| | | | | | | | | |
| Indicator value | 99.1% | 99.0% | 99.0% | 98.6% | 98.7% | 99.0% | 99.3% | 99.8% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



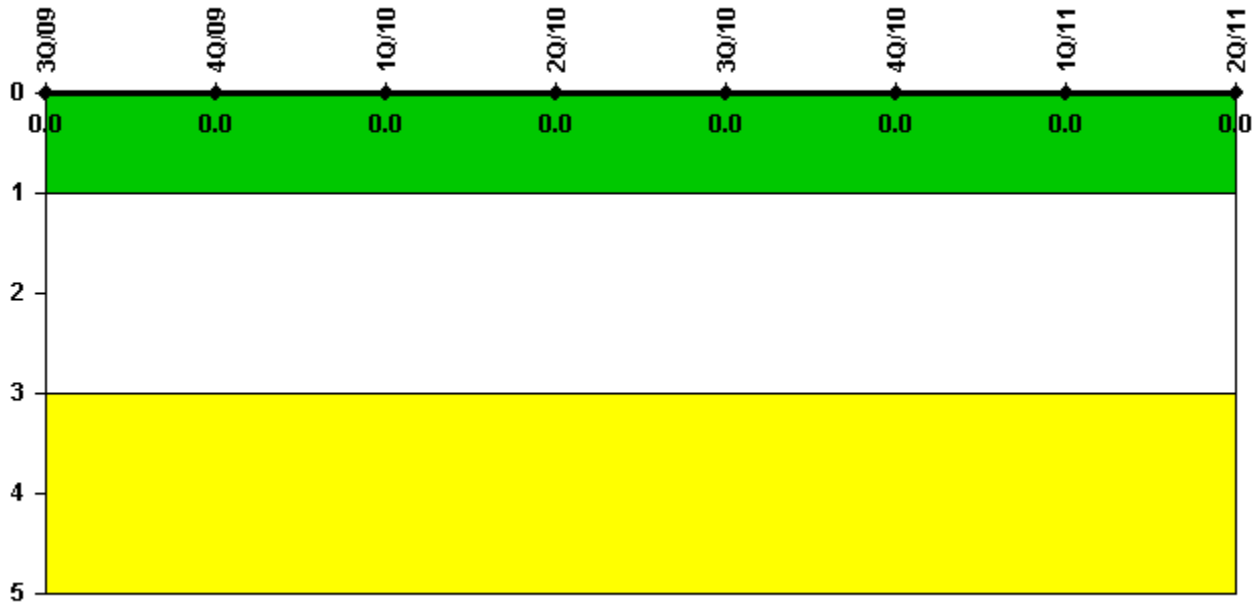
Thresholds: White > 2.0 Yellow > 5.0

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 | 1 | 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 | 1 | 1 |

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.