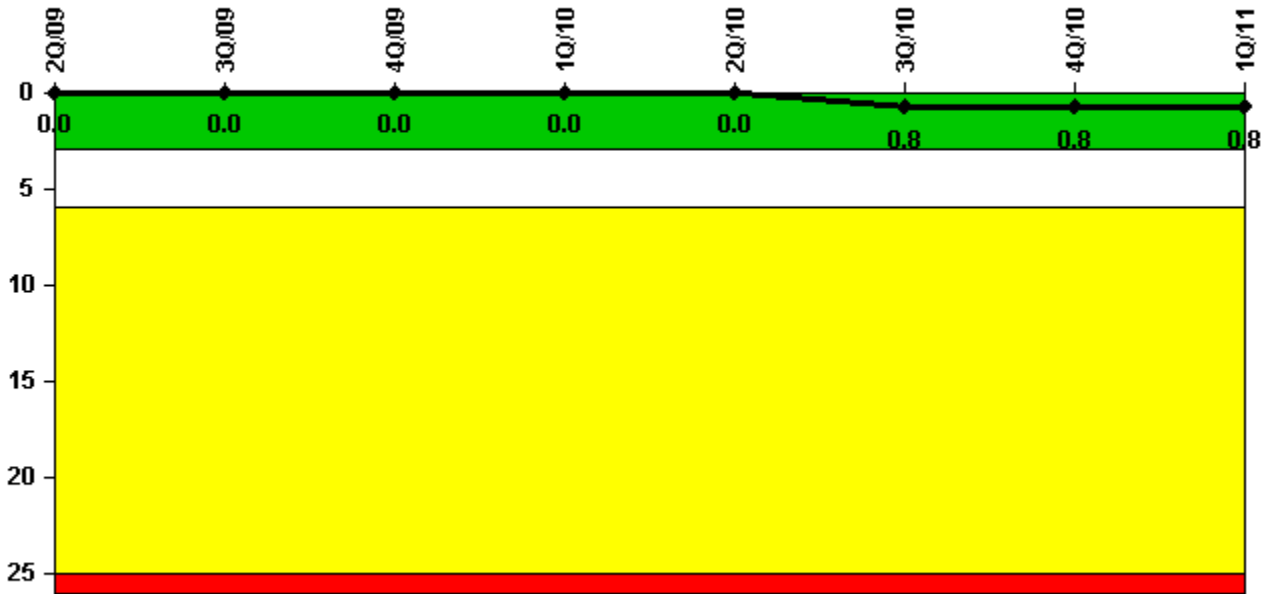


Quad Cities 1

1Q/2011 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



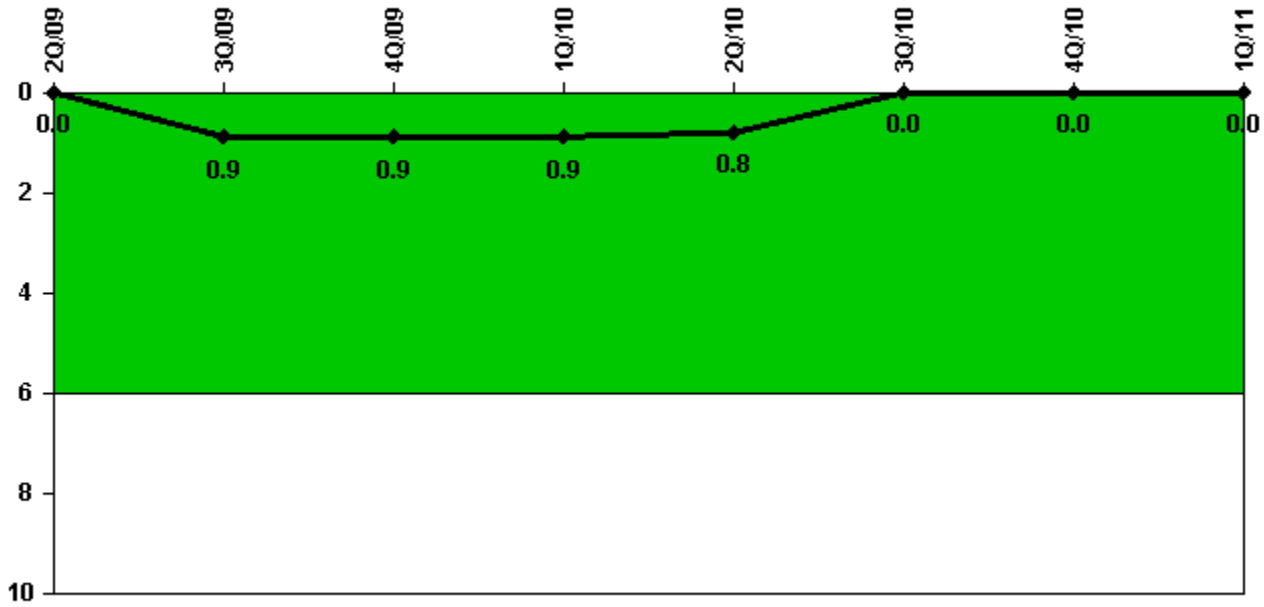
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 0 | 1.0 | 0 | 0 |
| Critical hours | 1439.0 | 2145.4 | 2209.0 | 2159.0 | 2184.0 | 2154.3 | 2209.0 | 2159.0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0.8 | 0.8 | 0.8 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



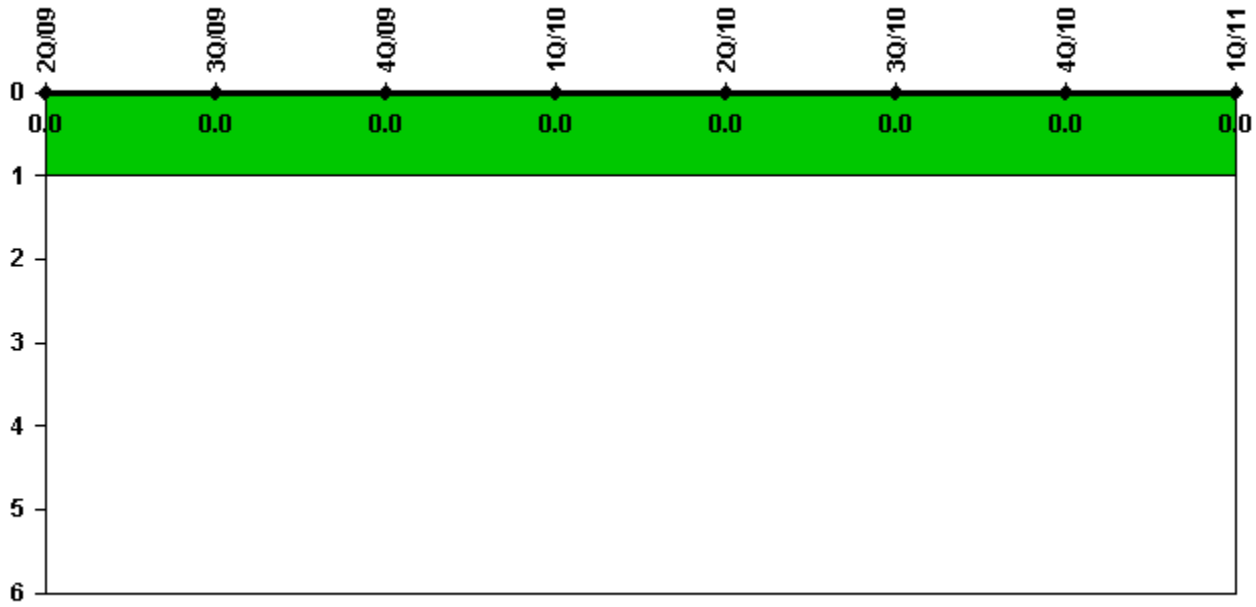
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes | 0 | 1.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 1439.0 | 2145.4 | 2209.0 | 2159.0 | 2184.0 | 2154.3 | 2209.0 | 2159.0 |
| Indicator value | 0 | 0.9 | 0.9 | 0.9 | 0.8 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Scrams with Complications



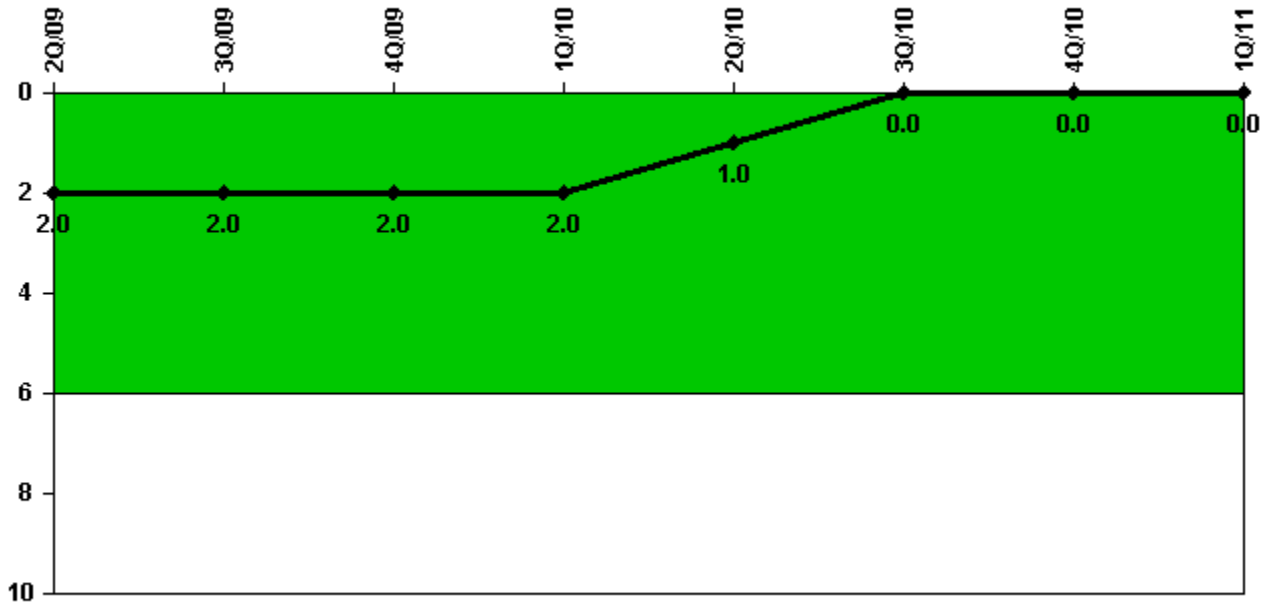
Thresholds: White > 1.0

Notes

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



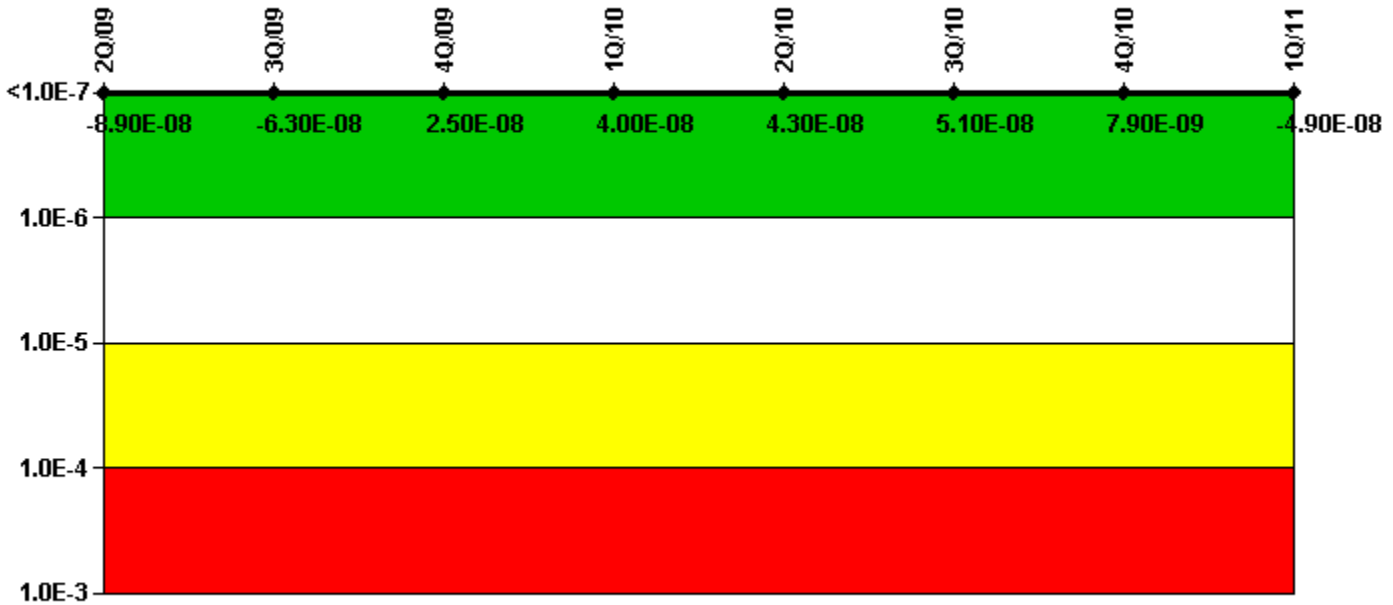
Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



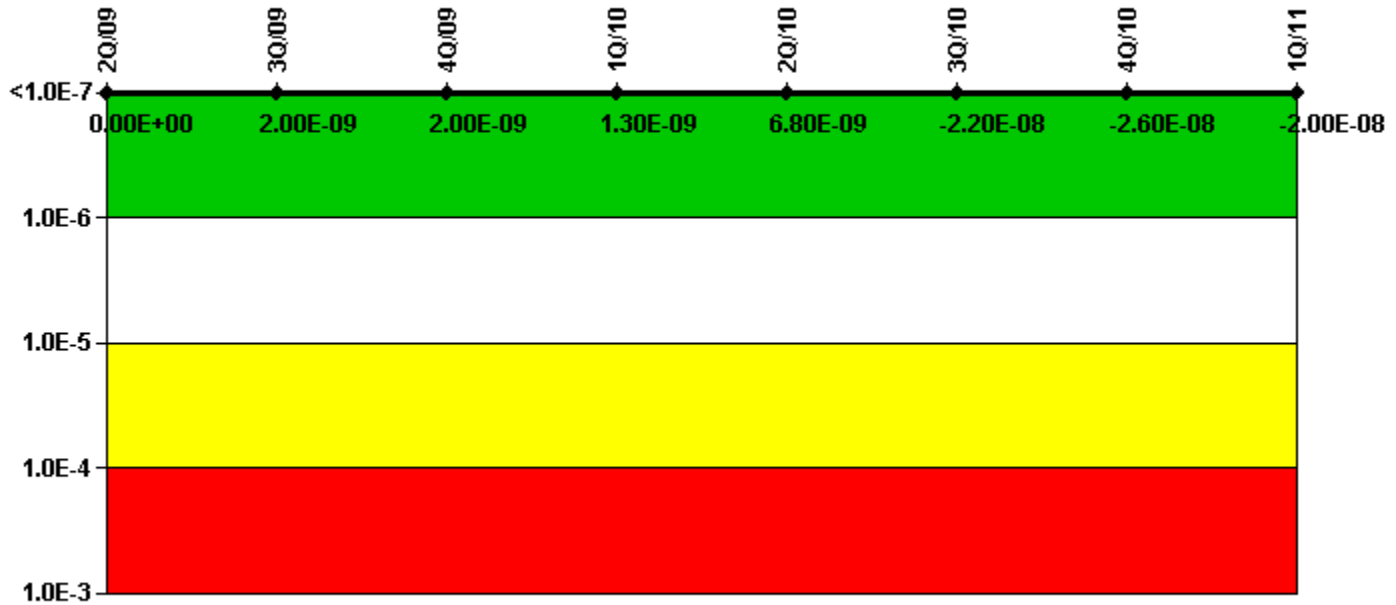
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 7.10E-08 | 9.70E-08 | 9.60E-08 | 1.07E-07 | 1.07E-07 | 1.16E-07 | 1.21E-07 | 6.59E-08 |
| URI (Δ CDF) | -1.60E-07 | -1.60E-07 | -7.10E-08 | -6.71E-08 | -6.45E-08 | -6.52E-08 | -1.13E-07 | -1.15E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -8.90E-08 | -6.30E-08 | 2.50E-08 | 4.00E-08 | 4.30E-08 | 5.10E-08 | 7.90E-09 | -4.90E-08 |

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



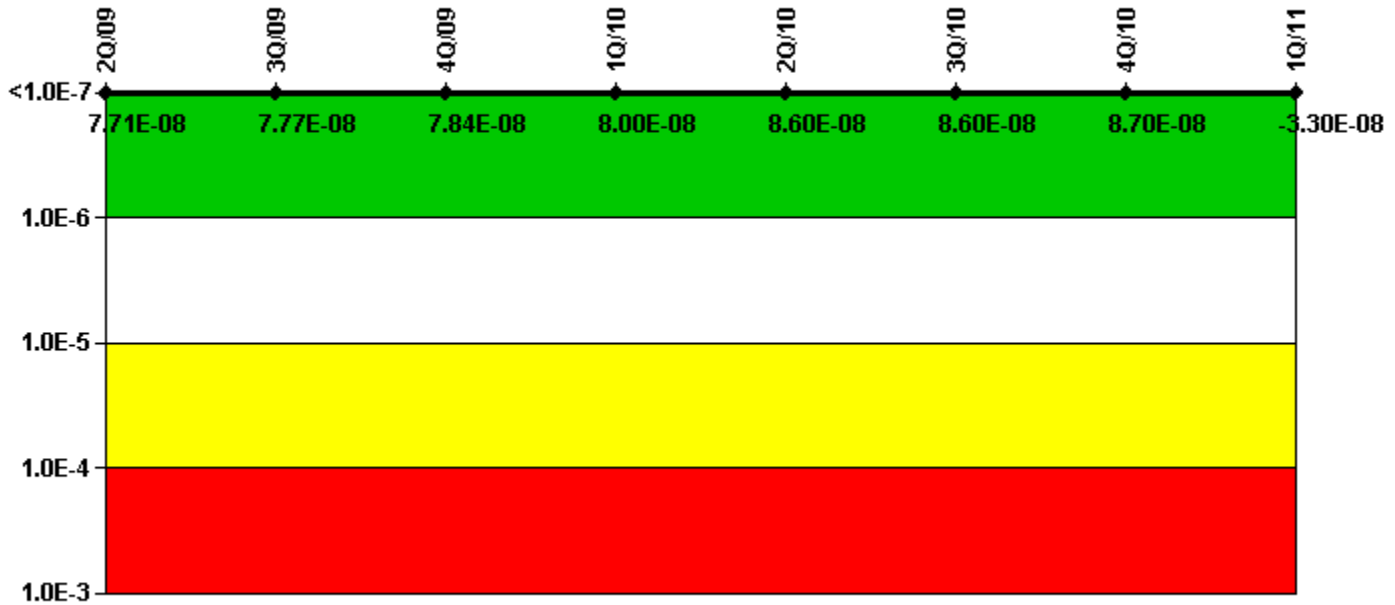
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 3.90E-08 | 4.20E-08 | 4.20E-08 | 4.16E-08 | 4.42E-08 | 1.57E-08 | 1.17E-08 | 1.87E-08 |
| URI (Δ CDF) | -3.90E-08 | -4.00E-08 | -4.00E-08 | -4.03E-08 | -3.74E-08 | -3.74E-08 | -3.74E-08 | -3.89E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 0.00E+00 | 2.00E-09 | 2.00E-09 | 1.30E-09 | 6.80E-09 | -2.20E-08 | -2.60E-08 | -2.00E-08 |

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



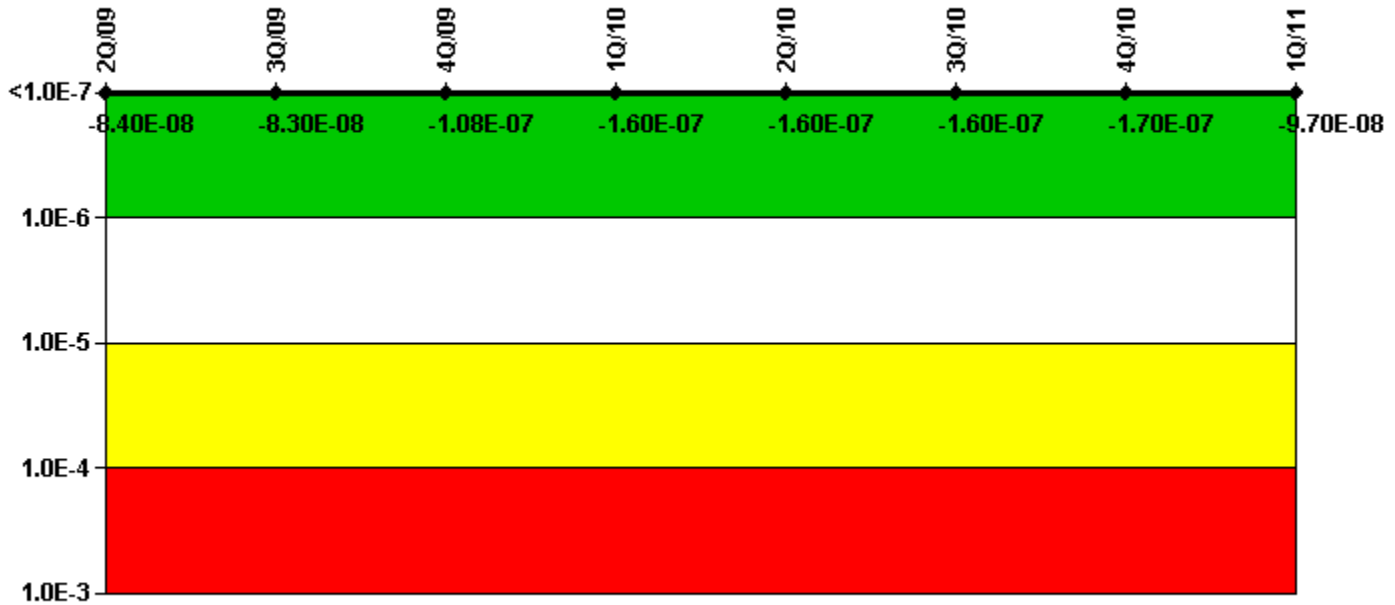
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Heat Removal System | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -4.90E-09 | -4.30E-09 | -3.60E-09 | -1.90E-09 | -2.39E-09 | -5.53E-09 | -5.30E-09 | -8.58E-10 |
| URI (Δ CDF) | 8.20E-08 | 8.20E-08 | 8.20E-08 | 8.24E-08 | 8.86E-08 | 9.19E-08 | 9.19E-08 | -3.25E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 7.71E-08 | 7.77E-08 | 7.84E-08 | 8.00E-08 | 8.60E-08 | 8.60E-08 | 8.70E-08 | -3.30E-08 |

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



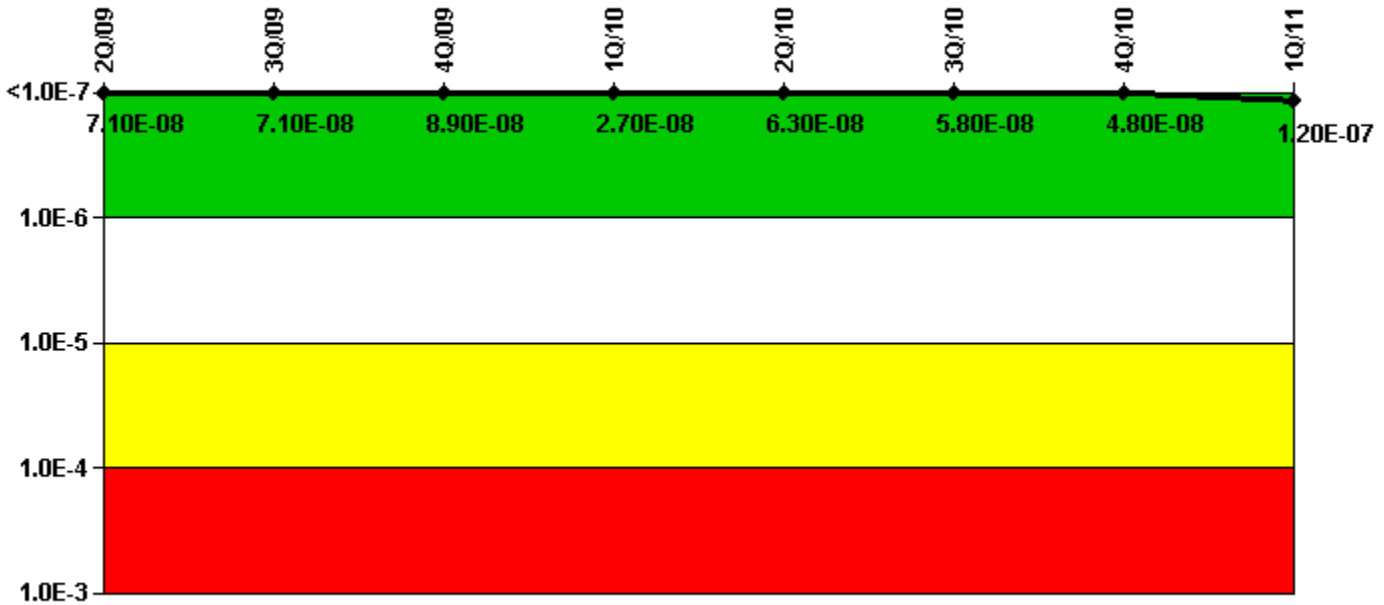
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 1.30E-08 | 1.40E-08 | -1.10E-08 | -5.90E-08 | -5.47E-08 | -5.18E-08 | -6.11E-08 | 6.82E-09 |
| URI (Δ CDF) | -9.70E-08 | -9.70E-08 | -9.70E-08 | -1.00E-07 | -1.04E-07 | -1.04E-07 | -1.04E-07 | -1.04E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -8.40E-08 | -8.30E-08 | -1.08E-07 | -1.60E-07 | -1.60E-07 | -1.60E-07 | -1.70E-07 | -9.70E-08 |

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



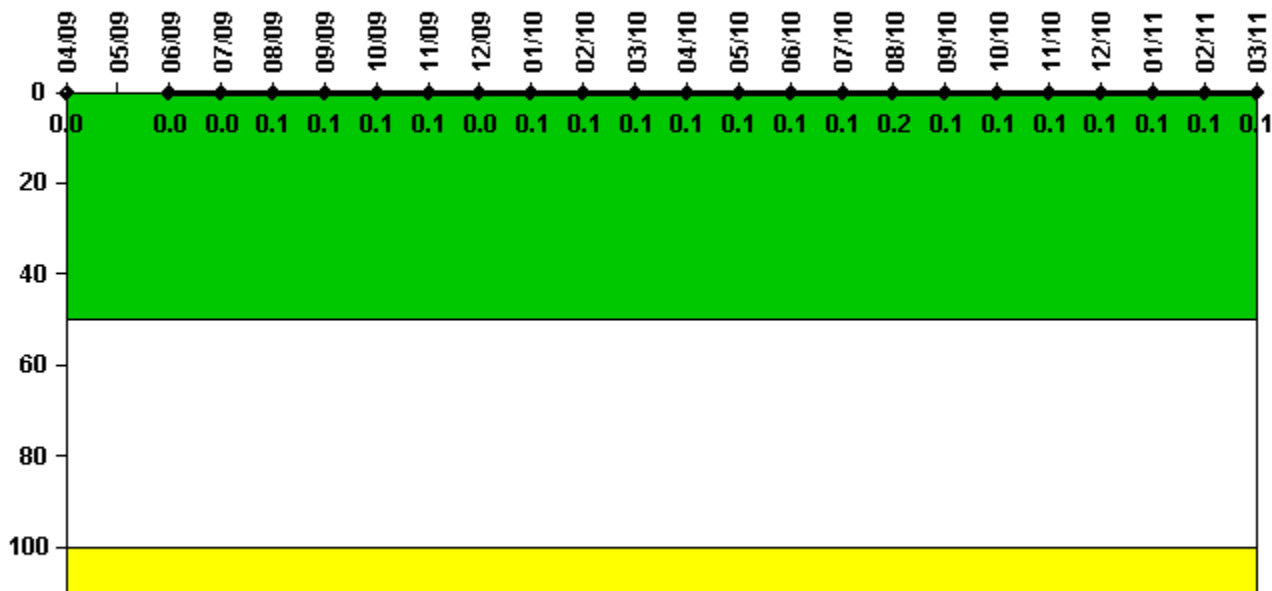
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (ΔCDF) | 7.20E-08 | 7.20E-08 | 9.00E-08 | 2.76E-08 | 6.40E-08 | 5.91E-08 | 4.87E-08 | 1.26E-07 |
| URI (ΔCDF) | -9.60E-10 | -9.60E-10 | -9.60E-10 | -9.61E-10 | -9.61E-10 | -9.61E-10 | -9.61E-10 | -9.61E-10 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 7.10E-08 | 7.10E-08 | 8.90E-08 | 2.70E-08 | 6.30E-08 | 5.80E-08 | 4.80E-08 | 1.20E-07 |

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

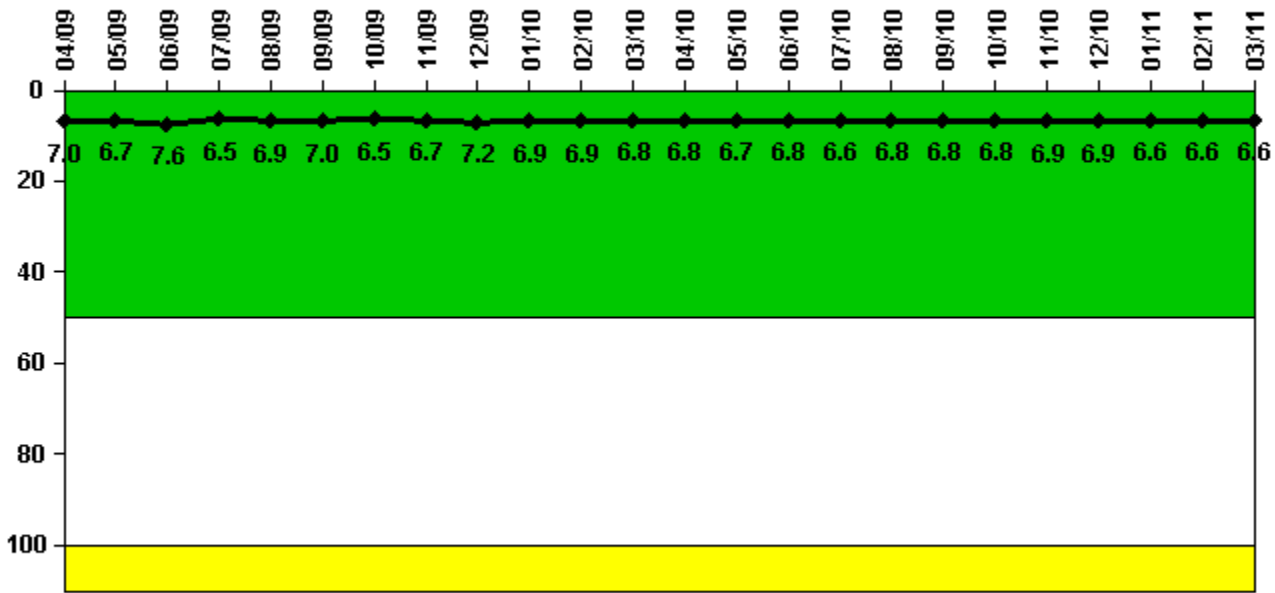
Notes

| Reactor Coolant System Activity | 4/09 | 5/09 | 6/09 | 7/09 | 8/09 | 9/09 | 10/09 | 11/09 | 12/09 | 1/10 | 2/10 | 3/10 |
|---------------------------------|----------|------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000041 | N/A | 0.000060 | 0.000086 | 0.000107 | 0.000107 | 0.000138 | 0.000105 | 0.000097 | 0.000107 | 0.000116 | 0.000108 |
| 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 | N/A | 0 | 0 | 0.1 | 0.1 | 0.1 | 0.1 | 0 | 0.1 | 0.1 | 0.1 |

| 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 | 0.000164 | 0.000161 | 0.000223 | 0.000242 | 0.000327 | 0.000222 | 0.000198 | 0.000240 | 0.000222 | 0.000210 | 0.000189 | 0.000161 |
| 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 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |

Licensee Comments: none

Reactor Coolant System Leakage



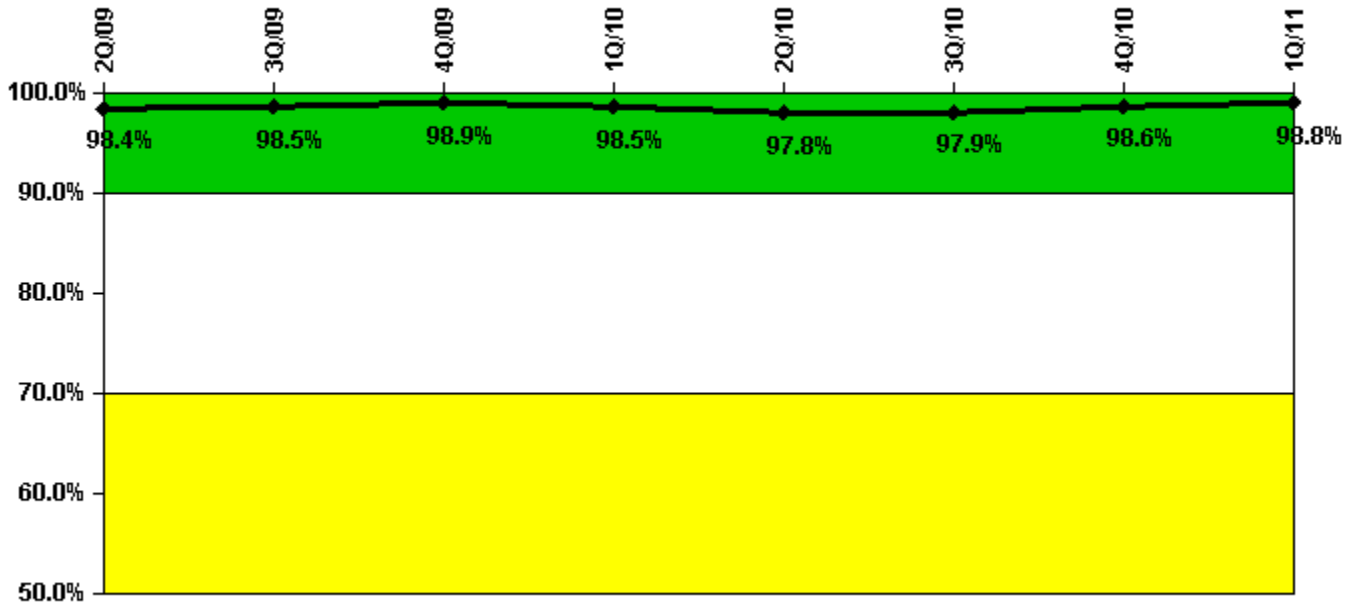
Thresholds: White > 50.0 Yellow > 100.0

Notes

| | | | | | | | | | | | | |
|---------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|-------------|-------------|-------------|
| Reactor Coolant System Leakage | 4/09 | 5/09 | 6/09 | 7/09 | 8/09 | 9/09 | 10/09 | 11/09 | 12/09 | 1/10 | 2/10 | 3/10 |
| Maximum leakage | 1.740 | 1.670 | 1.910 | 1.630 | 1.720 | 1.760 | 1.630 | 1.670 | 1.810 | 1.730 | 1.730 | 1.710 |
| Technical specification limit | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 |
| Indicator value | 7.0 | 6.7 | 7.6 | 6.5 | 6.9 | 7.0 | 6.5 | 6.7 | 7.2 | 6.9 | 6.9 | 6.8 |
| 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 | 1.690 | 1.680 | 1.690 | 1.644 | 1.691 | 1.703 | 1.702 | 1.722 | 1.729 | 1.641 | 1.643 | 1.644 |
| Technical specification limit | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 |
| Indicator value | 6.8 | 6.7 | 6.8 | 6.6 | 6.8 | 6.8 | 6.8 | 6.9 | 6.9 | 6.6 | 6.6 | 6.6 |

Licensee Comments: none

Drill/Exercise Performance



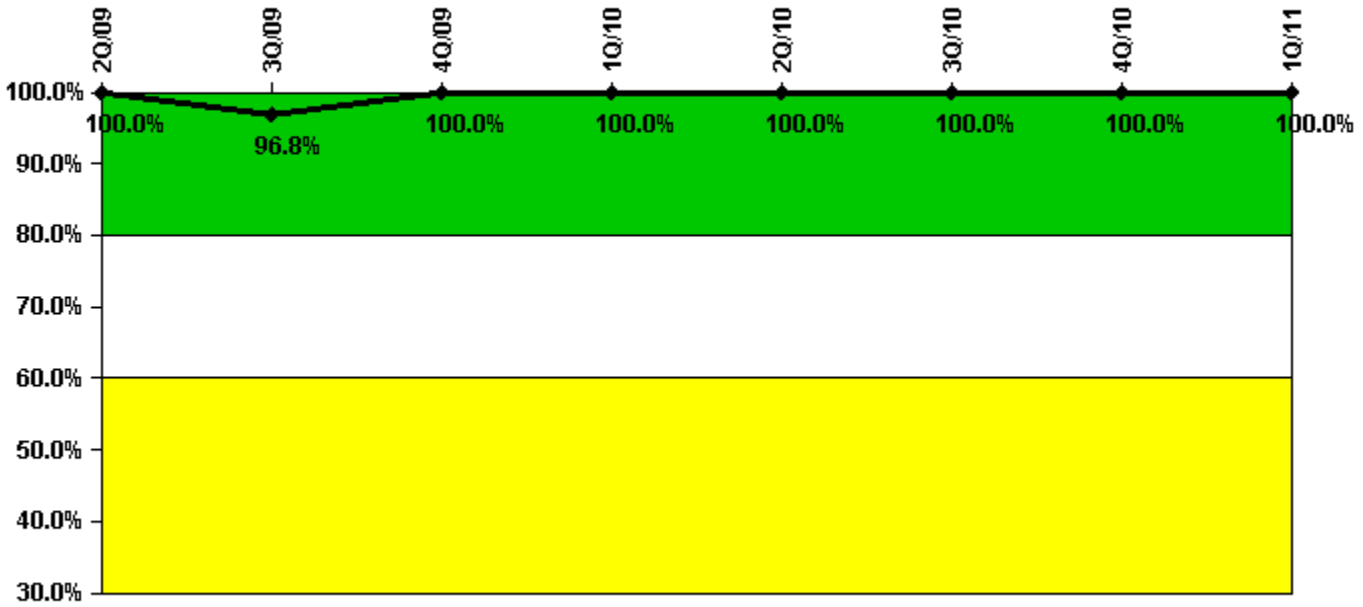
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 11.0 | 70.0 | 42.0 | 17.0 | 44.0 | 37.0 | 39.0 | 62.0 |
| Total opportunities | 12.0 | 70.0 | 42.0 | 18.0 | 46.0 | 37.0 | 39.0 | 62.0 |
| | | | | | | | | |
| Indicator value | 98.4% | 98.5% | 98.9% | 98.5% | 97.8% | 97.9% | 98.6% | 98.8% |

Licensee Comments: none

ERO Drill Participation



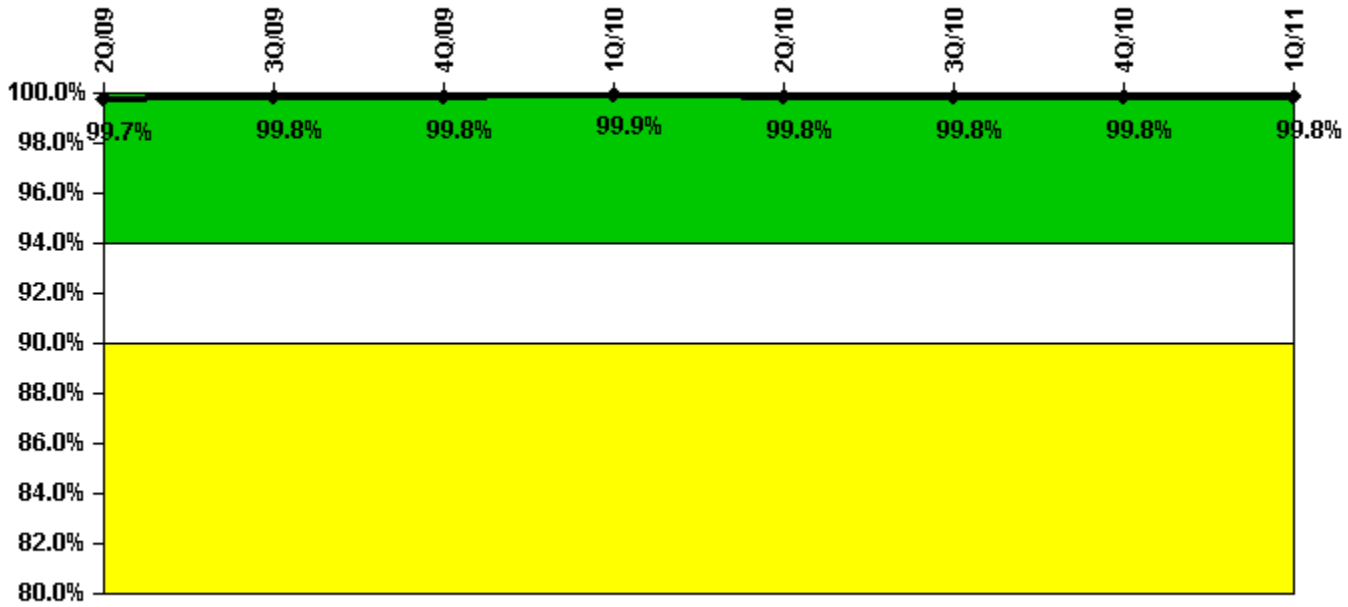
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 |
|-----------------------------|--------|-------|--------|--------|--------|--------|--------|--------|
| Participating Key personnel | 68.0 | 61.0 | 64.0 | 61.0 | 66.0 | 69.0 | 70.0 | 75.0 |
| Total Key personnel | 68.0 | 63.0 | 64.0 | 61.0 | 66.0 | 69.0 | 70.0 | 75.0 |
| | | | | | | | | |
| Indicator value | 100.0% | 96.8% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

Alert & Notification System



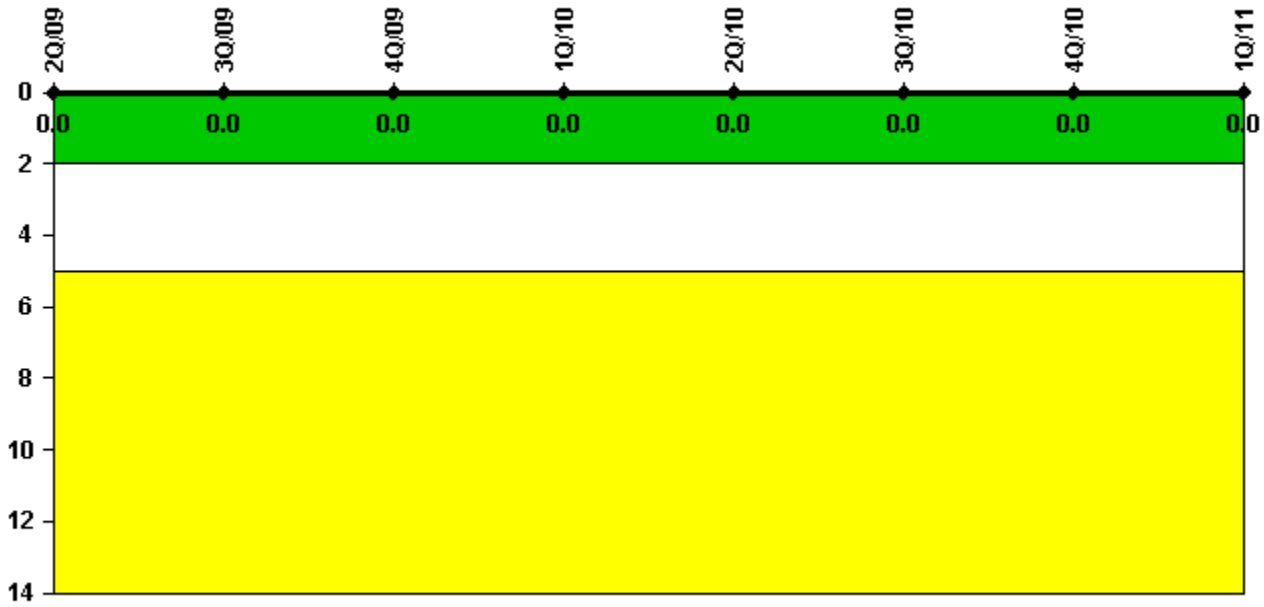
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 3325 | 3372 | 3326 | 2643 | 2675 | 2723 | 2728 | 2686 |
| Total sirens-tests | 3328 | 3380 | 3328 | 2646 | 2688 | 2730 | 2730 | 2688 |
| | | | | | | | | |
| Indicator value | 99.7% | 99.8% | 99.8% | 99.9% | 99.8% | 99.8% | 99.8% | 99.8% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



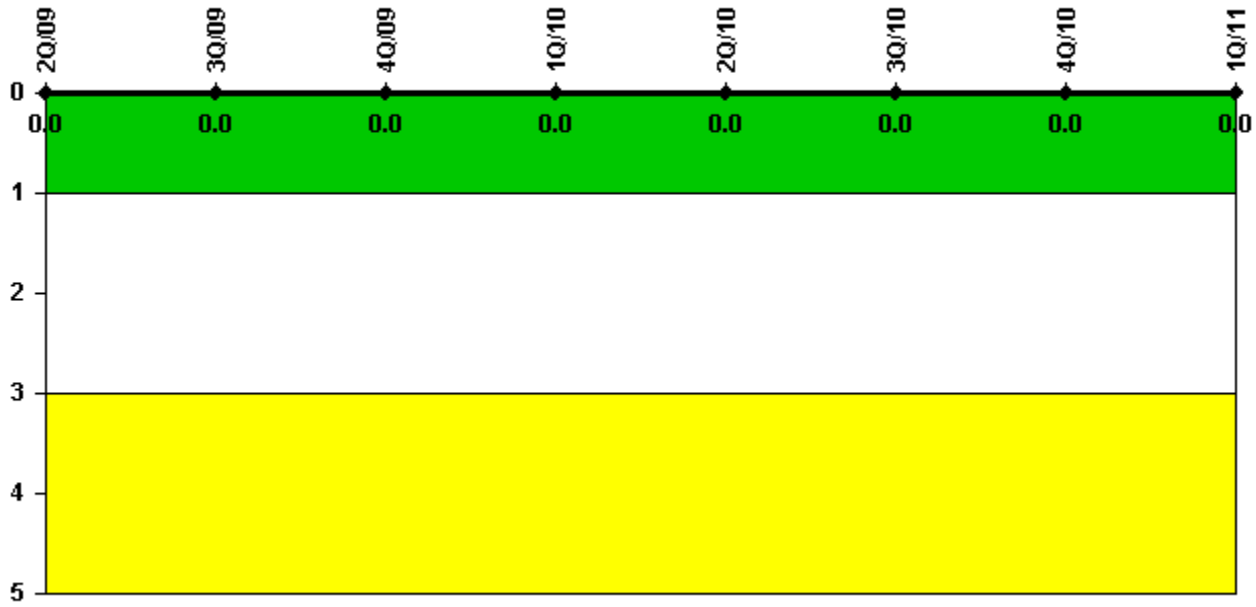
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/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 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/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.