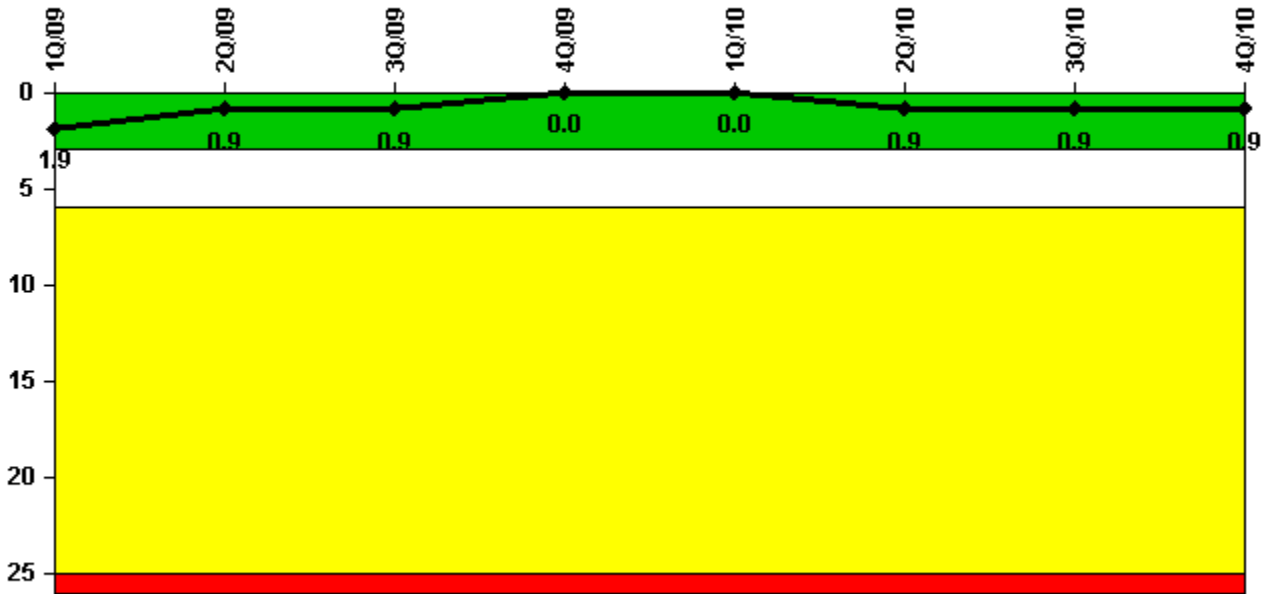


McGuire 1

4Q/2010 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



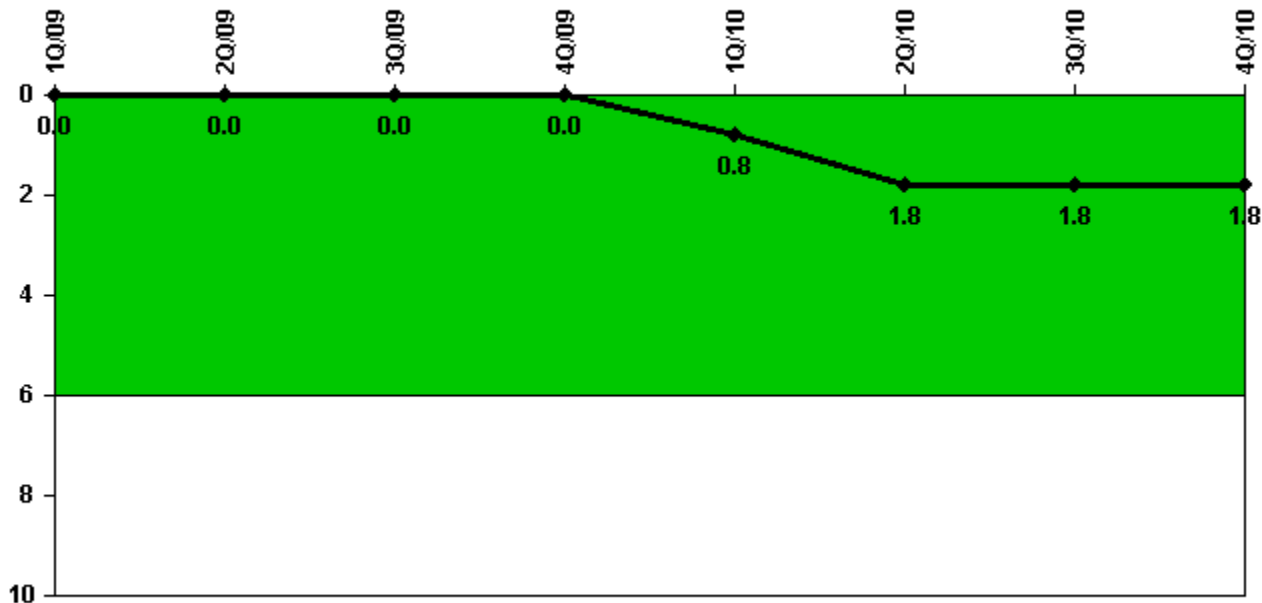
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 0 | 1.0 | 0 | 0 |
| Critical hours | 2159.0 | 2184.0 | 2208.0 | 2209.0 | 1711.1 | 1723.8 | 2208.0 | 2209.0 |
| Indicator value | 1.9 | 0.9 | 0.9 | 0 | 0 | 0.9 | 0.9 | 0.9 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes | 0 | 0 | 0 | 0 | 1.0 | 1.0 | 0 | 0 |
| Critical hours | 2159.0 | 2184.0 | 2208.0 | 2209.0 | 1711.1 | 1723.8 | 2208.0 | 2209.0 |
| Indicator value | 0 | 0 | 0 | 0 | 0.8 | 1.8 | 1.8 | 1.8 |

Licensee Comments: none

Unplanned Scrams with Complications



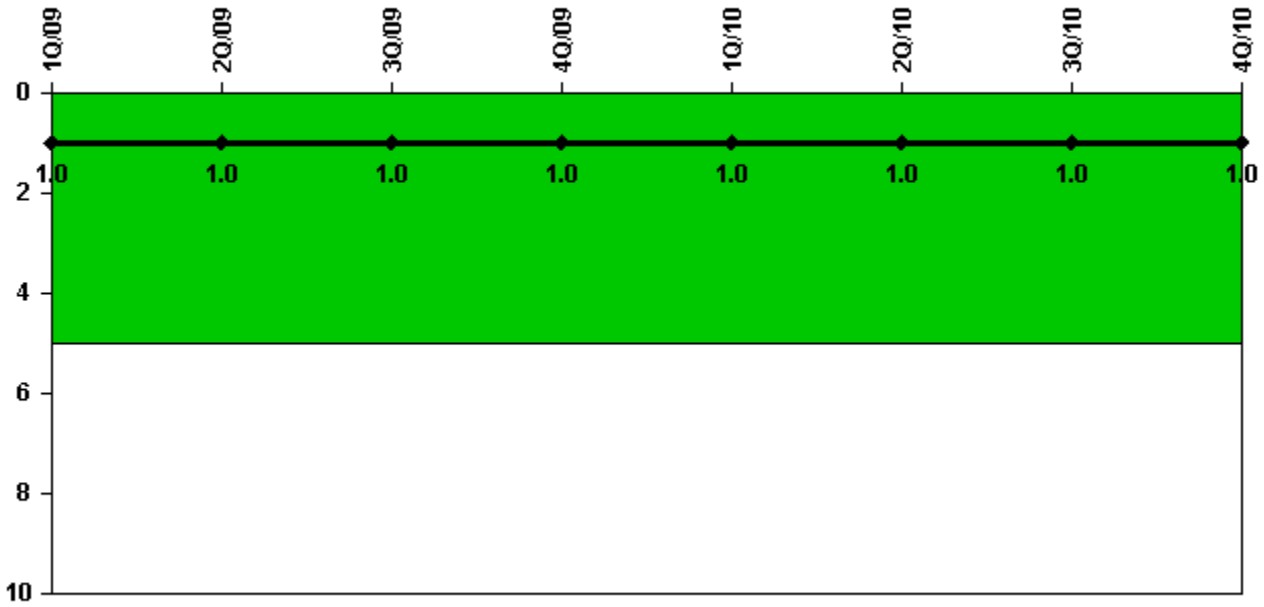
Thresholds: White > 1.0

Notes

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



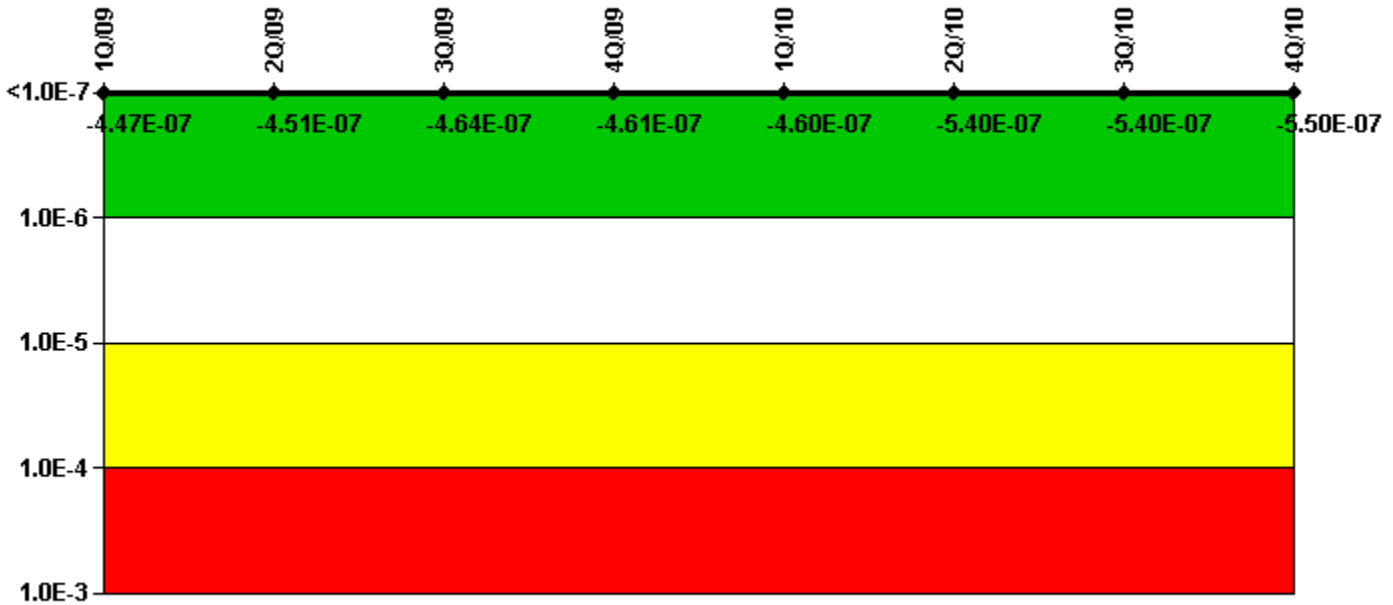
Thresholds: White > 5.0

Notes

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

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 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 5.30E-08 | 4.90E-08 | 3.60E-08 | 3.90E-08 | 3.61E-08 | -3.81E-08 | -4.06E-08 | -5.15E-08 |
| URI (Δ CDF) | -5.00E-07 | -5.00E-07 | -5.00E-07 | -5.00E-07 | -5.01E-07 | -5.01E-07 | -5.01E-07 | -5.01E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -4.47E-07 | -4.51E-07 | -4.64E-07 | -4.61E-07 | -4.60E-07 | -5.40E-07 | -5.40E-07 | -5.50E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



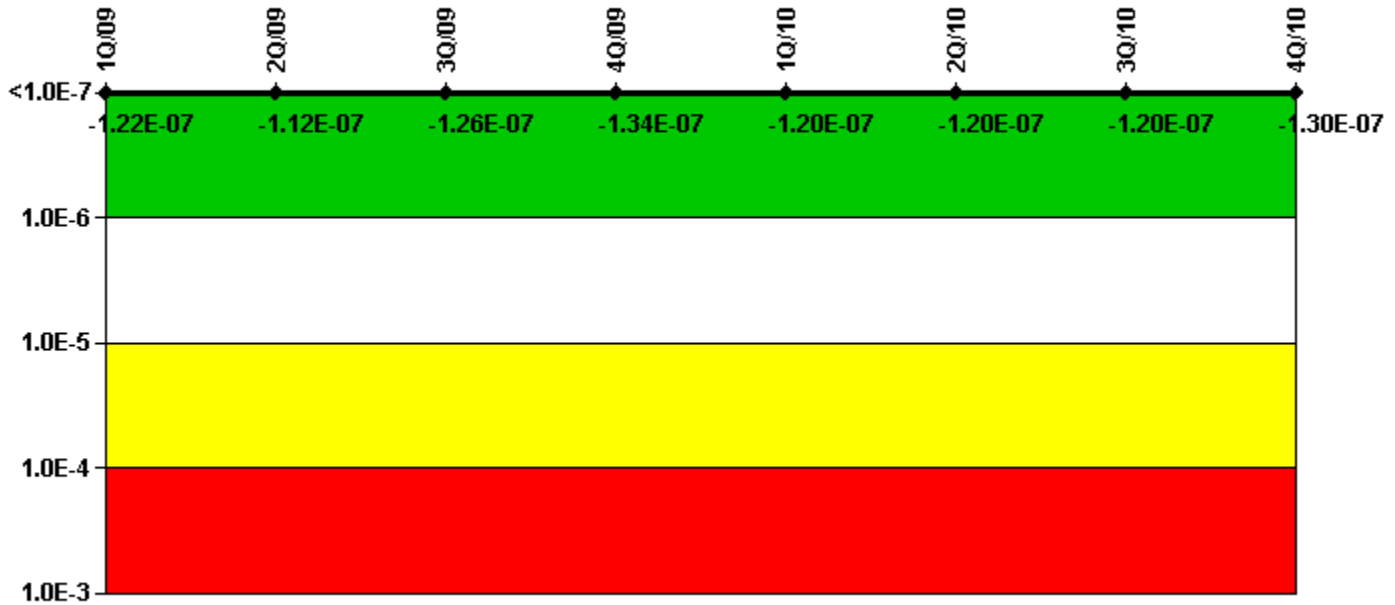
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -8.80E-10 | 5.60E-10 | 4.40E-11 | 2.80E-09 | 5.04E-09 | 8.75E-09 | 3.96E-09 | 8.20E-09 |
| URI (Δ CDF) | -7.50E-08 | -7.50E-08 | -7.50E-08 | -7.50E-08 | -7.53E-08 | -4.91E-08 | -4.91E-08 | -4.91E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -7.59E-08 | -7.44E-08 | -7.50E-08 | -7.22E-08 | -7.00E-08 | -4.00E-08 | -4.50E-08 | -4.10E-08 |

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



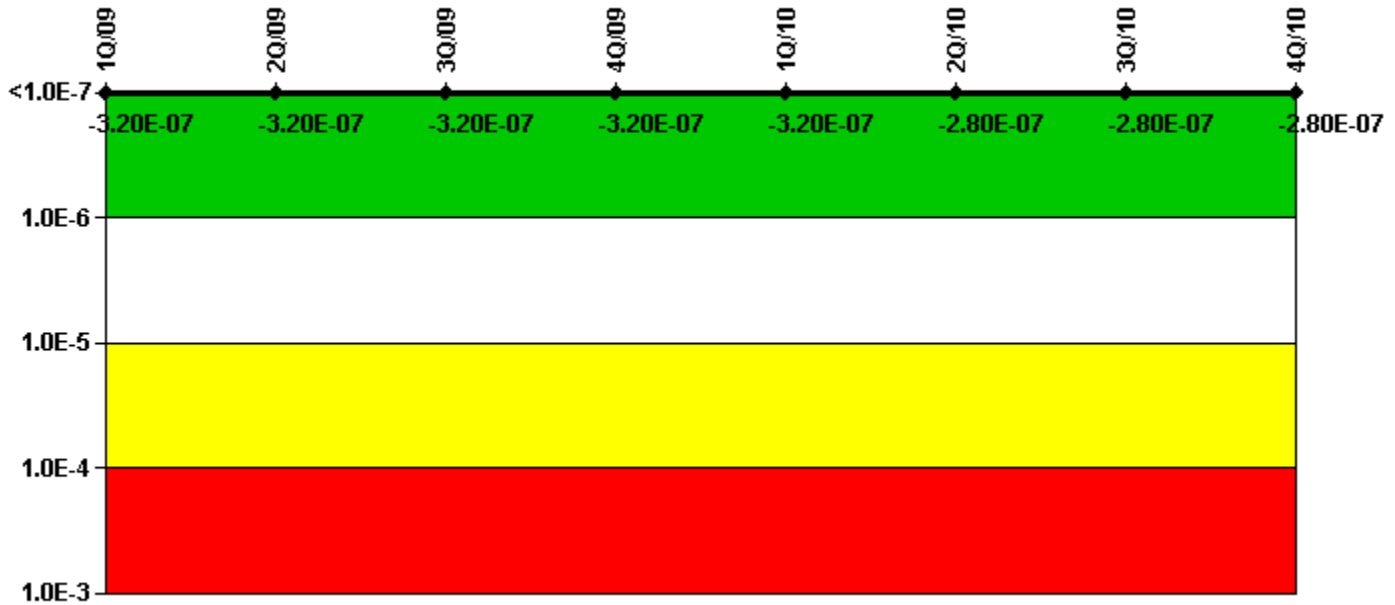
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Heat Removal System | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 4.80E-08 | 5.80E-08 | 4.40E-08 | 3.60E-08 | 4.56E-08 | 4.69E-08 | 4.75E-08 | 4.53E-08 |
| URI (Δ CDF) | -1.70E-07 | -1.70E-07 | -1.70E-07 | -1.70E-07 | -1.65E-07 | -1.71E-07 | -1.71E-07 | -1.71E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.22E-07 | -1.12E-07 | -1.26E-07 | -1.34E-07 | -1.20E-07 | -1.20E-07 | -1.20E-07 | -1.30E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



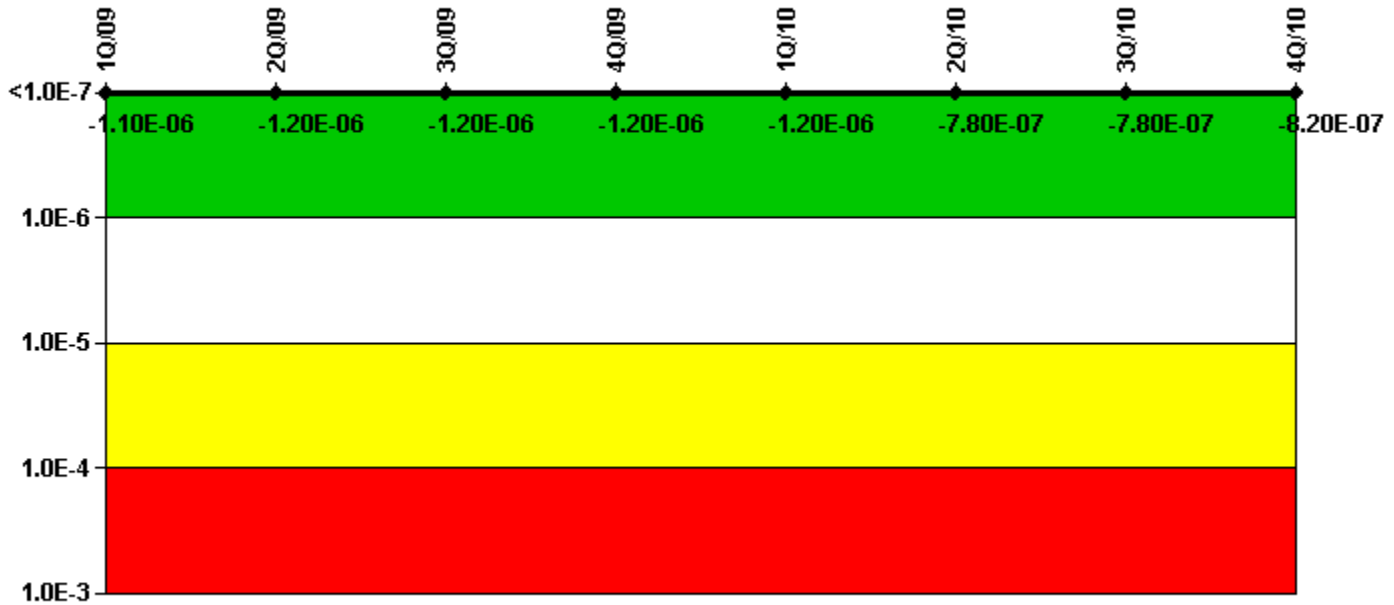
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -3.02E-08 | -3.02E-08 | -3.02E-08 | -3.02E-08 | -3.02E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 |
| URI (Δ CDF) | -2.85E-07 | -2.85E-07 | -2.85E-07 | -2.85E-07 | -2.85E-07 | -2.47E-07 | -2.47E-07 | -2.47E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -3.20E-07 | -3.20E-07 | -3.20E-07 | -3.20E-07 | -3.20E-07 | -2.80E-07 | -2.80E-07 | -2.80E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



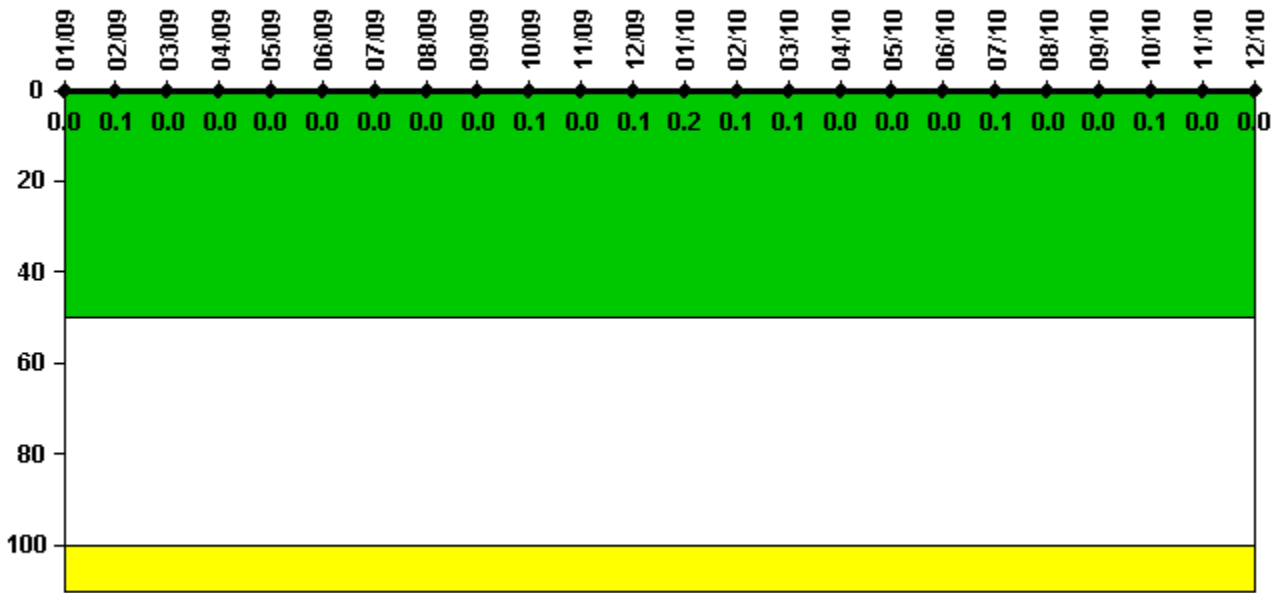
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 1.24E-07 | 5.83E-08 | 5.43E-08 | 5.47E-08 | 3.92E-08 | 3.11E-07 | 3.09E-07 | 2.72E-07 |
| URI (Δ CDF) | -1.24E-06 | -1.24E-06 | -1.24E-06 | -1.24E-06 | -1.24E-06 | -1.09E-06 | -1.09E-06 | -1.09E-06 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.10E-06 | -1.20E-06 | -1.20E-06 | -1.20E-06 | -1.20E-06 | -7.80E-07 | -7.80E-07 | -8.20E-07 |

Licensee Comments: none

Reactor Coolant System Activity



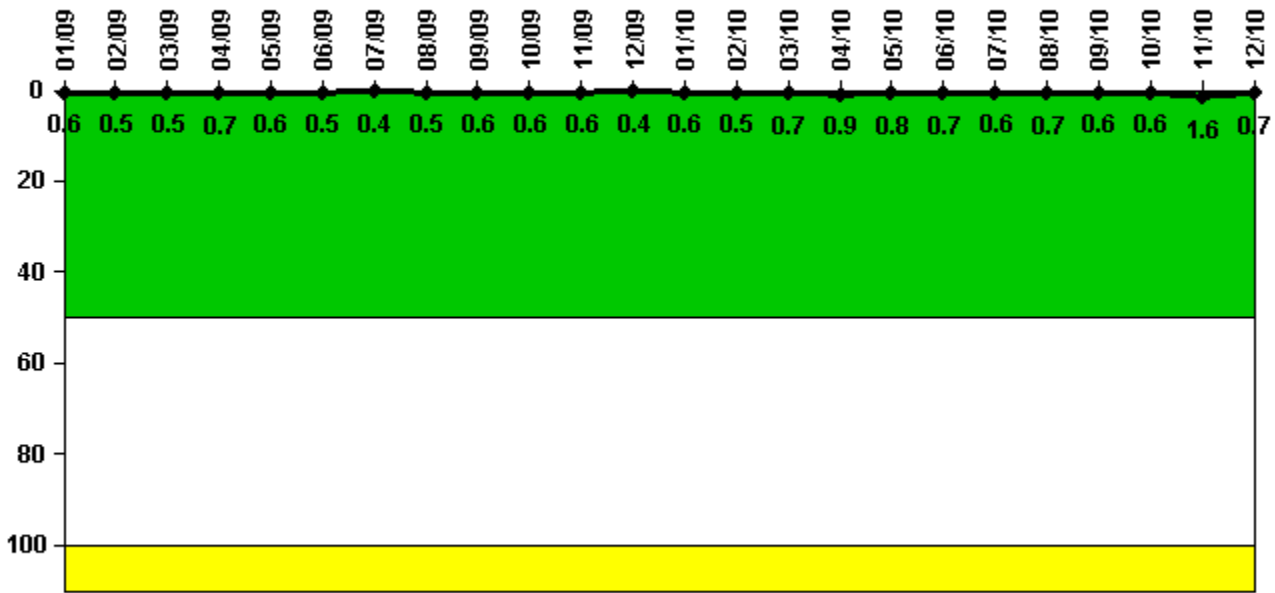
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Activity | 1/09 | 2/09 | 3/09 | 4/09 | 5/09 | 6/09 | 7/09 | 8/09 | 9/09 | 10/09 | 11/09 | 12/09 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000362 | 0.000576 | 0.000419 | 0.000417 | 0.000418 | 0.000345 | 0.000390 | 0.000390 | 0.000411 | 0.001241 | 0.000484 | 0.000631 |
| 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 | 0.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.1 | 0 | 0.1 |
| Reactor Coolant System Activity | 1/10 | 2/10 | 3/10 | 4/10 | 5/10 | 6/10 | 7/10 | 8/10 | 9/10 | 10/10 | 11/10 | 12/10 |
| Maximum activity | 0.001969 | 0.000532 | 0.001110 | 0.000309 | 0.000362 | 0.000337 | 0.000516 | 0.000372 | 0.000377 | 0.000870 | 0.000412 | 0.000441 |
| 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 | 0.1 | 0.1 | 0 | 0 | 0 | 0.1 | 0 | 0 | 0.1 | 0 | 0 |

Licensee Comments: none

Reactor Coolant System Leakage



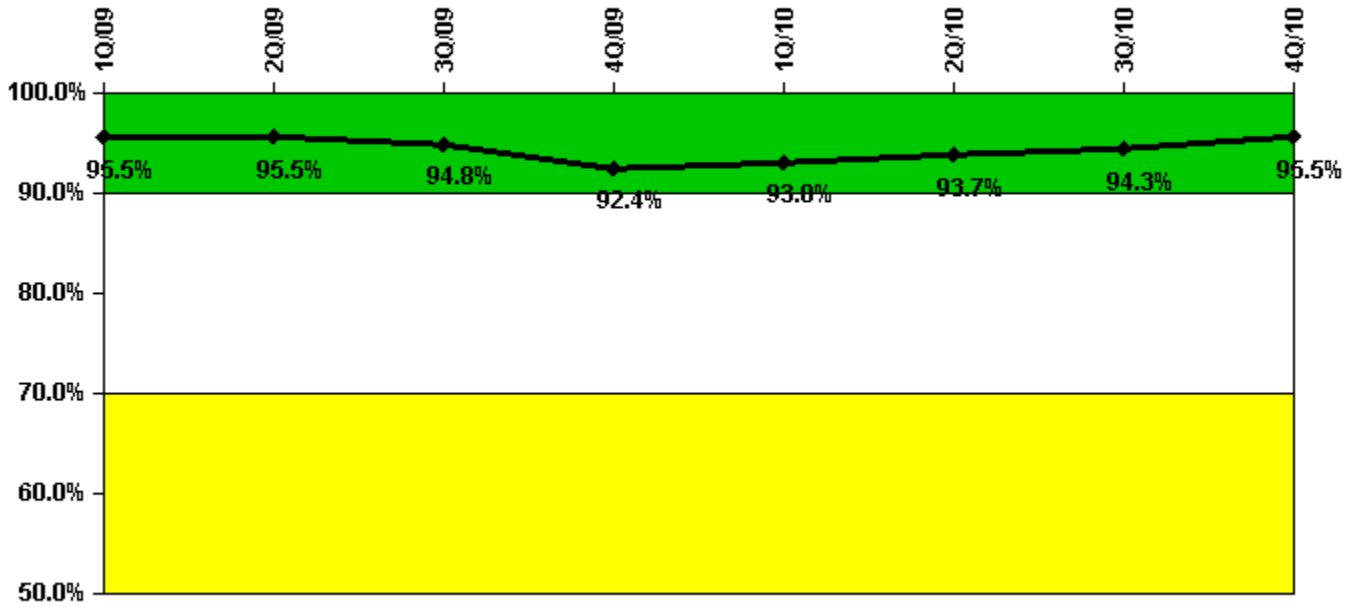
Thresholds: White > 50.0 Yellow > 100.0

Notes

| | | | | | | | | | | | | |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Reactor Coolant System Leakage | 1/09 | 2/09 | 3/09 | 4/09 | 5/09 | 6/09 | 7/09 | 8/09 | 9/09 | 10/09 | 11/09 | 12/09 |
| Maximum leakage | 0.062 | 0.049 | 0.049 | 0.069 | 0.060 | 0.052 | 0.044 | 0.053 | 0.057 | 0.063 | 0.063 | 0.044 |
| 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 | 0.6 | 0.5 | 0.5 | 0.7 | 0.6 | 0.5 | 0.4 | 0.5 | 0.6 | 0.6 | 0.6 | 0.4 |
| Reactor Coolant System Leakage | 1/10 | 2/10 | 3/10 | 4/10 | 5/10 | 6/10 | 7/10 | 8/10 | 9/10 | 10/10 | 11/10 | 12/10 |
| Maximum leakage | 0.063 | 0.047 | 0.071 | 0.088 | 0.078 | 0.071 | 0.061 | 0.069 | 0.061 | 0.063 | 0.157 | 0.067 |
| 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 | 0.6 | 0.5 | 0.7 | 0.9 | 0.8 | 0.7 | 0.6 | 0.7 | 0.6 | 0.6 | 1.6 | 0.7 |

Licensee Comments: none

Drill/Exercise Performance



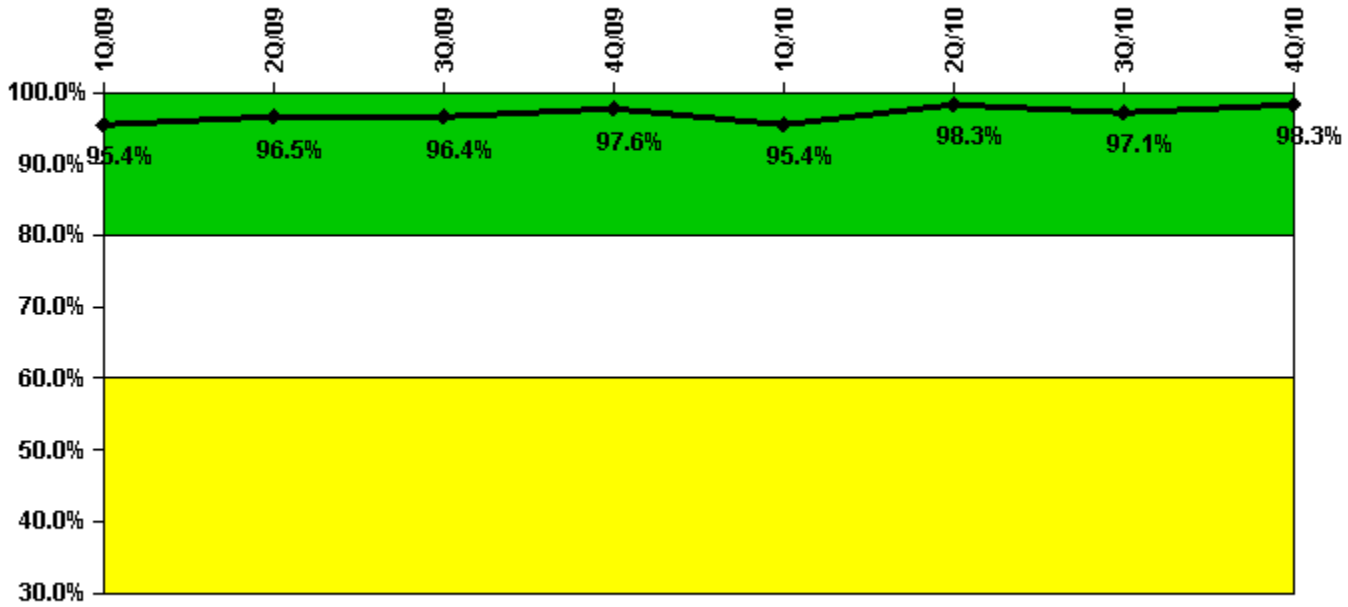
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 8.0 | 18.0 | 11.0 | 50.0 | 8.0 | 8.0 | 17.0 | 51.0 |
| Total opportunities | 8.0 | 18.0 | 12.0 | 56.0 | 8.0 | 8.0 | 17.0 | 52.0 |
| | | | | | | | | |
| Indicator value | 95.5% | 95.5% | 94.8% | 92.4% | 93.0% | 93.7% | 94.3% | 95.5% |

Licensee Comments: none

ERO Drill Participation



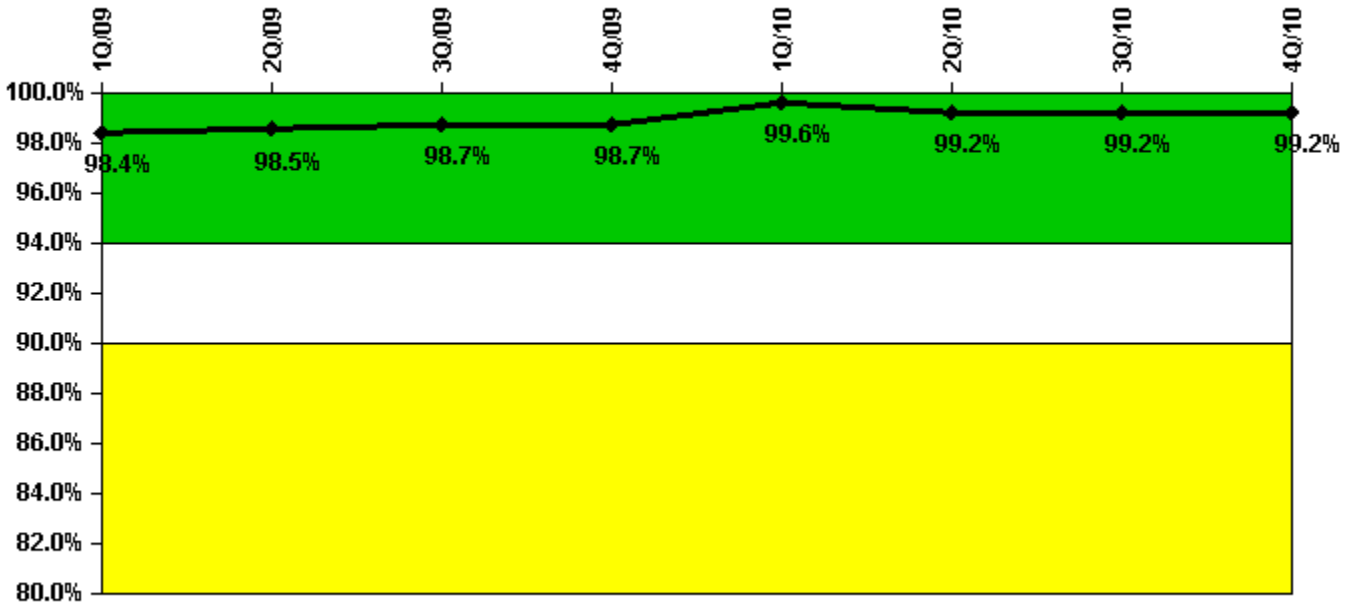
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Participating Key personnel | 165.0 | 164.0 | 162.0 | 165.0 | 166.0 | 169.0 | 167.0 | 171.0 |
| Total Key personnel | 173.0 | 170.0 | 168.0 | 169.0 | 174.0 | 172.0 | 172.0 | 174.0 |
| | | | | | | | | |
| Indicator value | 95.4% | 96.5% | 96.4% | 97.6% | 95.4% | 98.3% | 97.1% | 98.3% |

Licensee Comments: none

Alert & Notification System



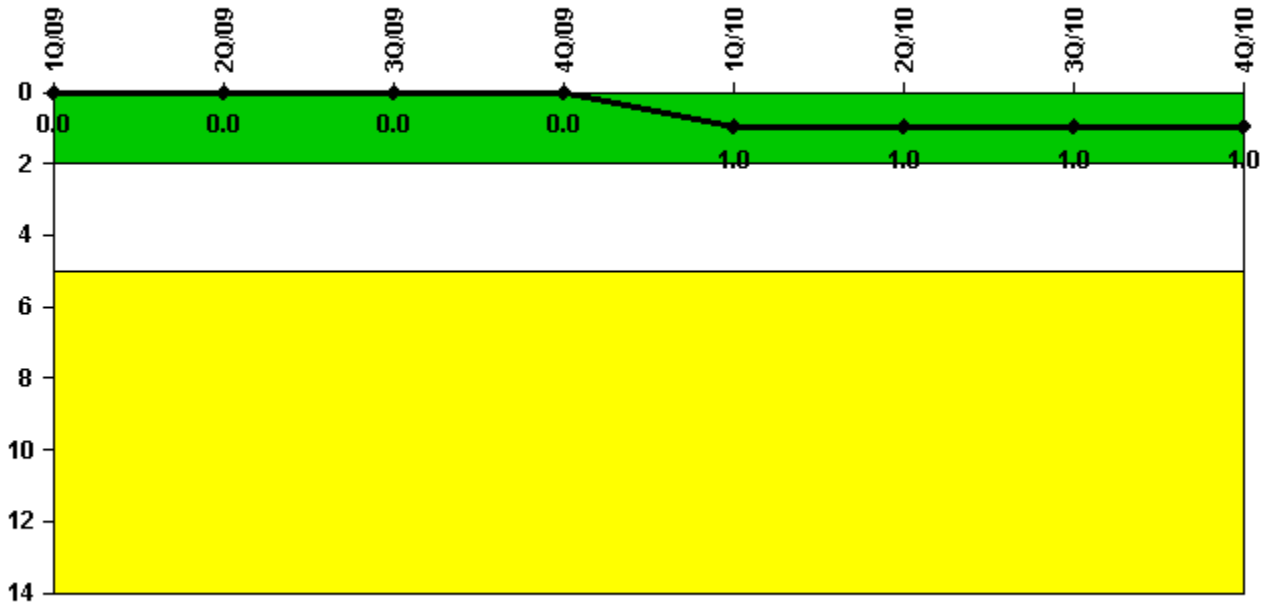
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 1733 | 1804 | 1799 | 1873 | 1731 | 1774 | 1868 | 1807 |
| Total sirens-tests | 1809 | 1809 | 1809 | 1876 | 1742 | 1809 | 1876 | 1809 |
| | | | | | | | | |
| Indicator value | 98.4% | 98.5% | 98.7% | 98.7% | 99.6% | 99.2% | 99.2% | 99.2% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



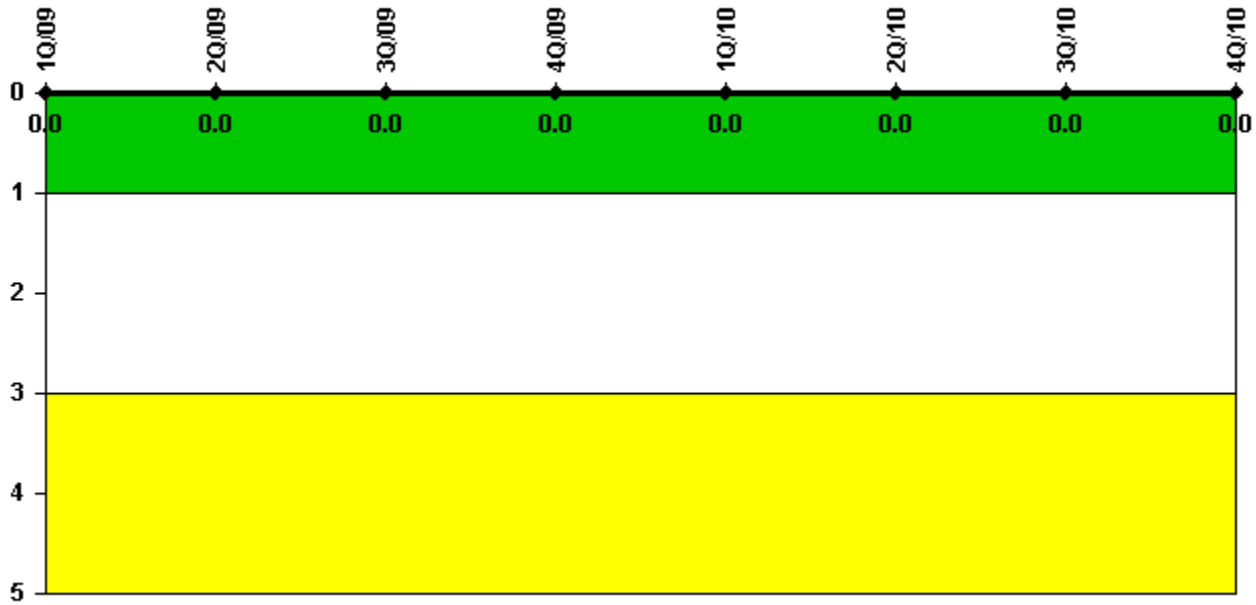
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences | 0 | 0 | 0 | 0 | 1 | 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 | 1 | 1 | 1 | 1 |

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

| RETS/ODCM Radiological Effluent | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 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.