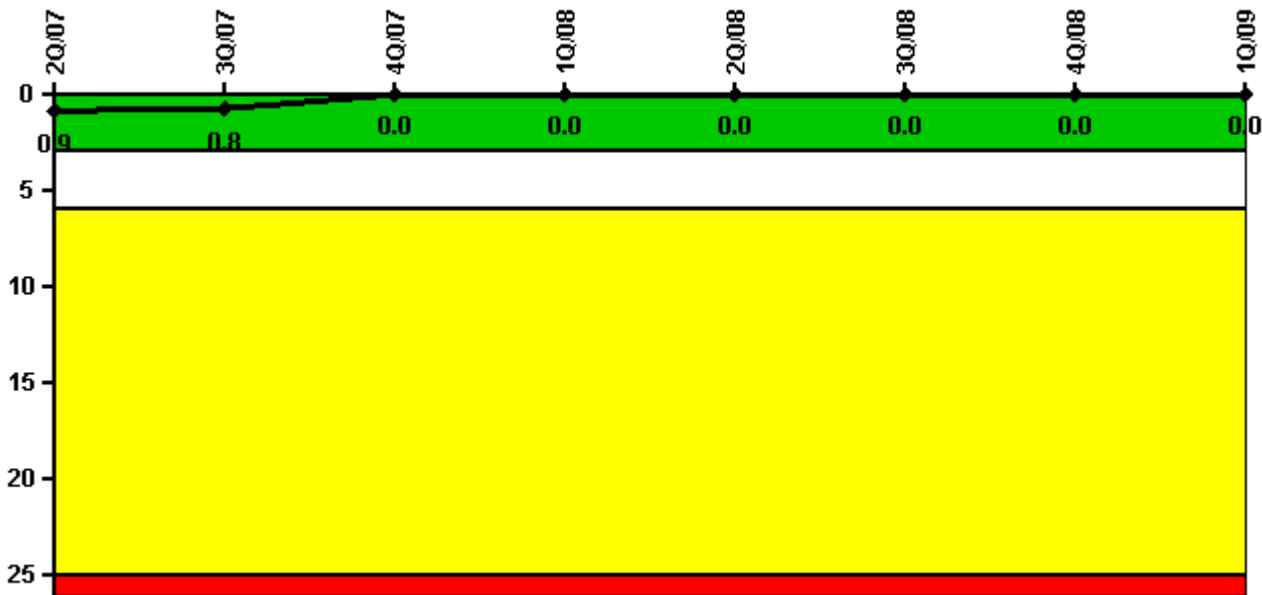


Peach Bottom 2

1Q/2009 Performance Indicators

Licensee's General Comments: Revision to previously submitted data for 3Qtr2008. Change does not affect color of the indicator.

Unplanned Scrams per 7000 Critical Hrs



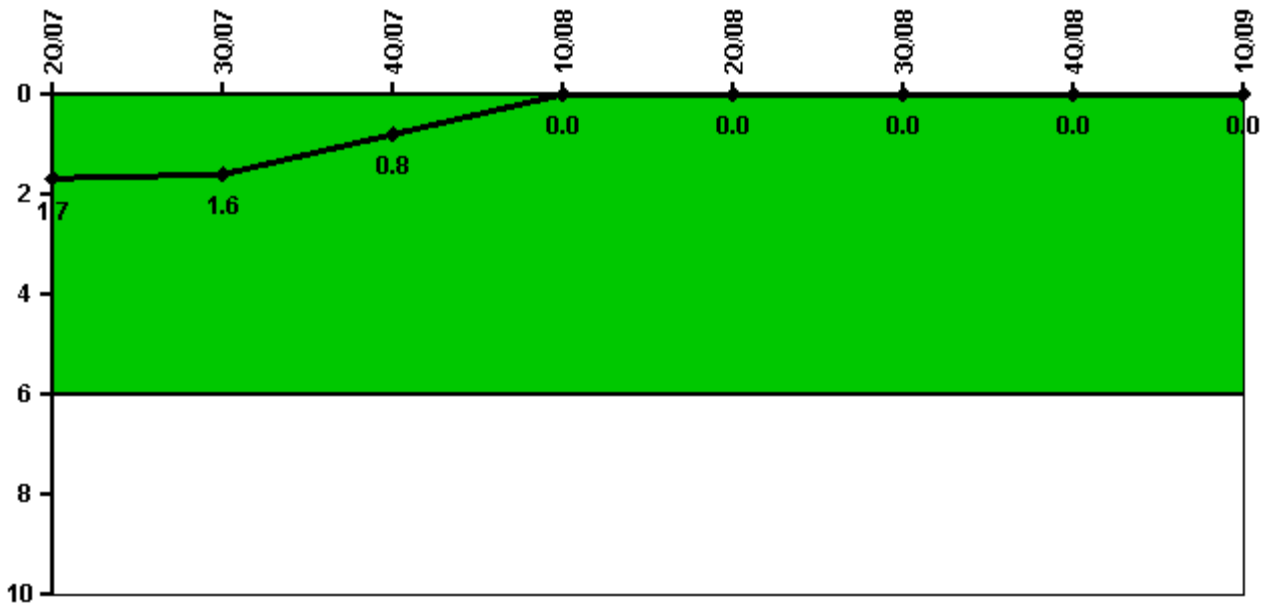
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2184.0 | 2208.0 | 2209.0 | 2183.0 | 2184.0 | 1822.4 | 1770.8 | 2159.0 |
| Indicator value | 0.9 | 0.8 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



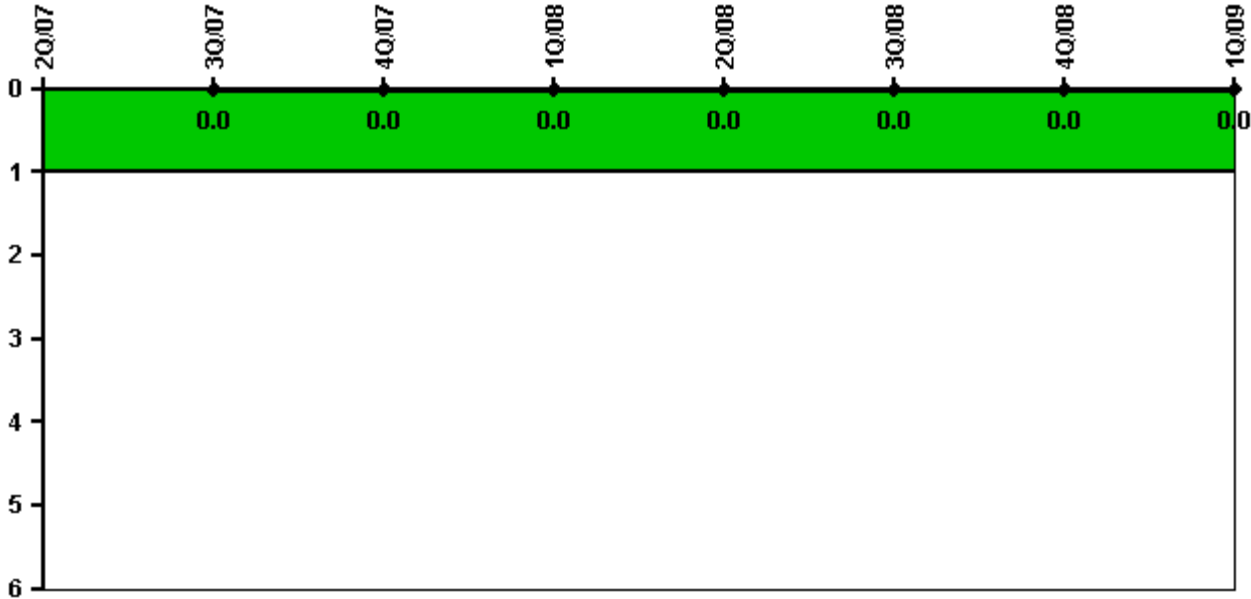
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2184.0 | 2208.0 | 2209.0 | 2183.0 | 2184.0 | 1822.4 | 1770.8 | 2159.0 |
| Indicator value | 1.7 | 1.6 | 0.8 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Scrams with Complications



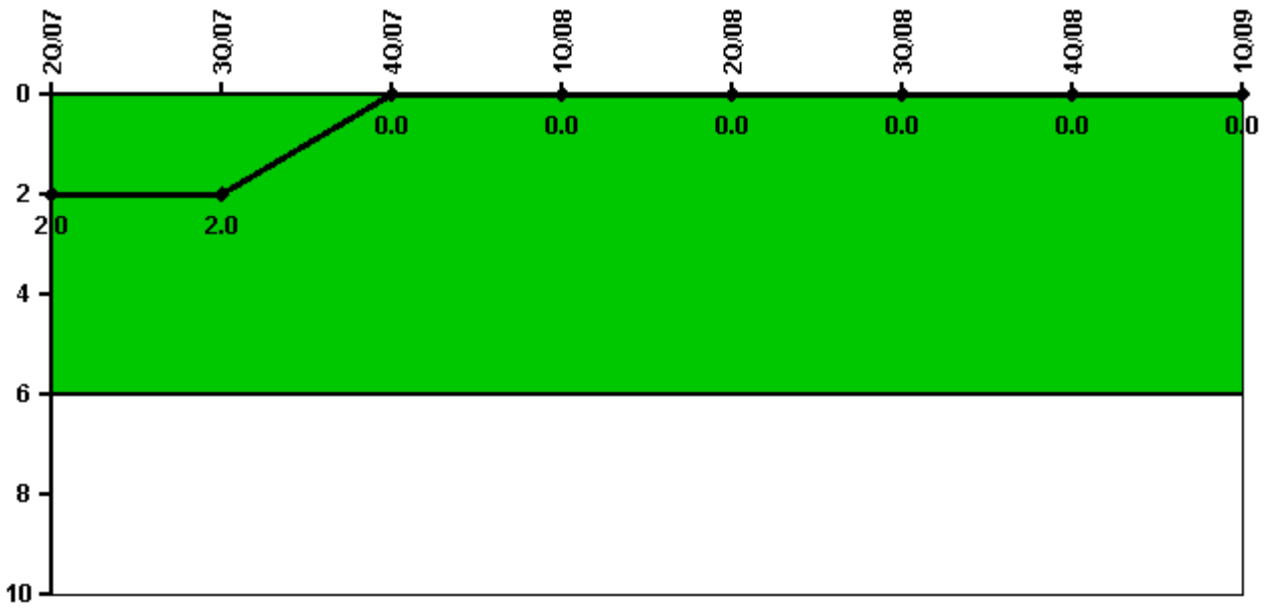
Thresholds: White > 1.0

Notes

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

Licensee Comments: none

Safety System Functional Failures (BWR)



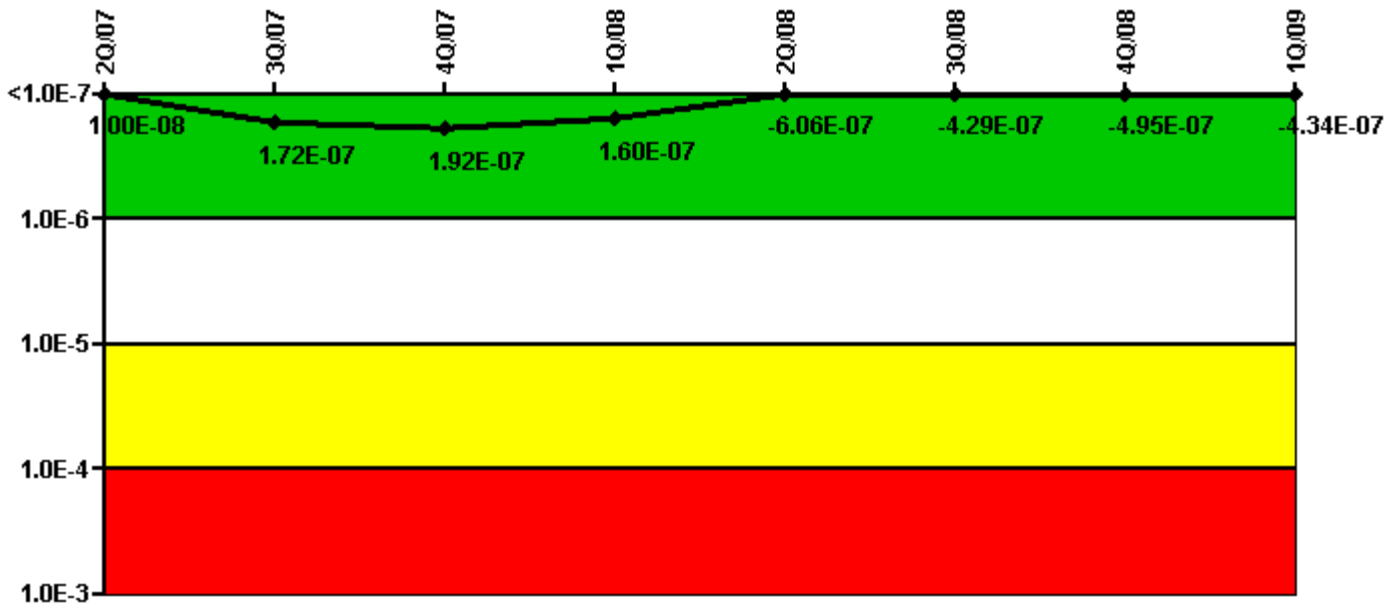
Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



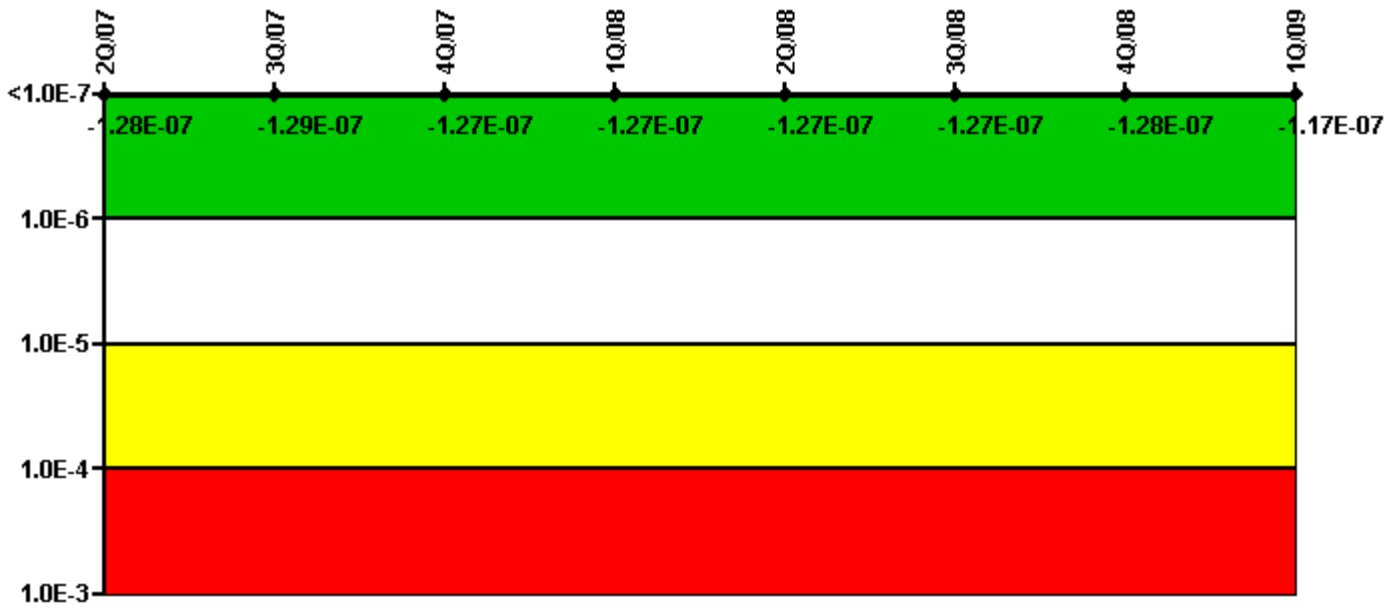
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 |
|---|-----------|----------|----------|----------|-----------|-----------|-----------|-----------|
| UAI (ΔCDF) | 1.30E-07 | 1.00E-07 | 1.00E-07 | 2.00E-08 | 4.40E-08 | 7.10E-08 | -4.60E-09 | 5.60E-08 |
| URI (ΔCDF) | -1.20E-07 | 7.20E-08 | 9.20E-08 | 1.40E-07 | -6.50E-07 | -5.00E-07 | -4.90E-07 | -4.90E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 1.00E-08 | 1.72E-07 | 1.92E-07 | 1.60E-07 | -6.06E-07 | -4.29E-07 | -4.95E-07 | -4.34E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



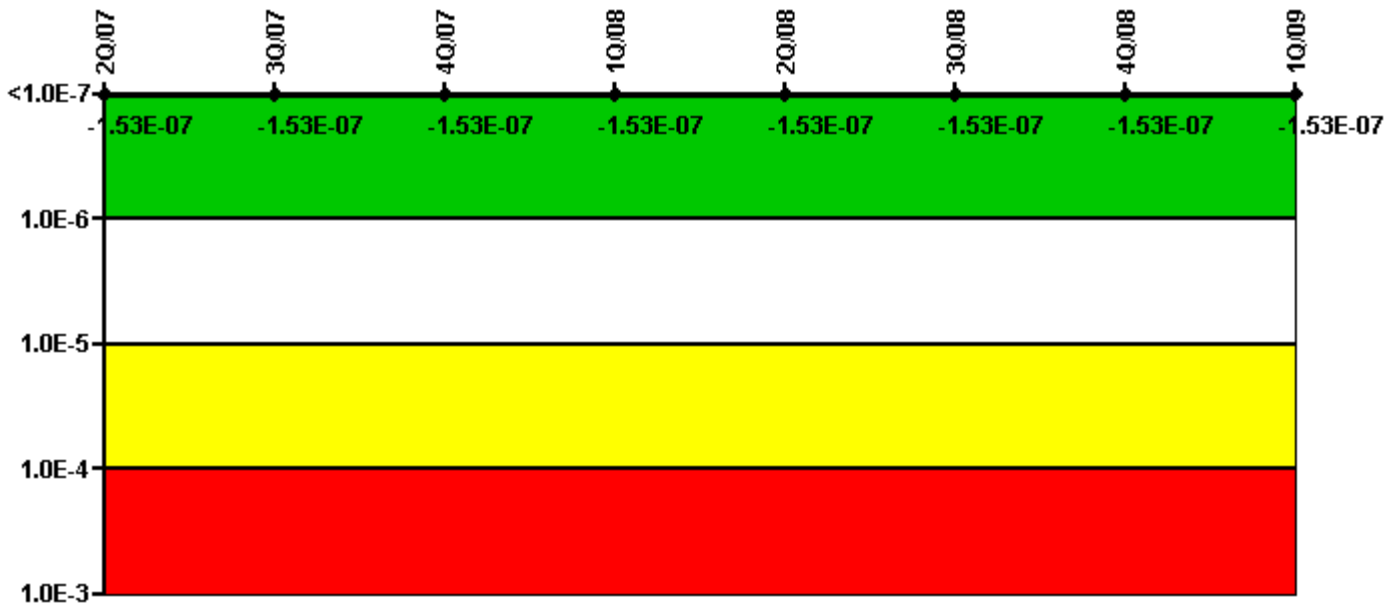
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -3.80E-08 | -3.90E-08 | -3.90E-08 | -3.90E-08 | -3.90E-08 | -3.90E-08 | -4.00E-08 | -2.90E-08 |
| URI (Δ CDF) | -9.00E-08 | -9.00E-08 | -8.80E-08 | -8.80E-08 | -8.80E-08 | -8.80E-08 | -8.80E-08 | -8.80E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.28E-07 | -1.29E-07 | -1.27E-07 | -1.27E-07 | -1.27E-07 | -1.27E-07 | -1.28E-07 | -1.17E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



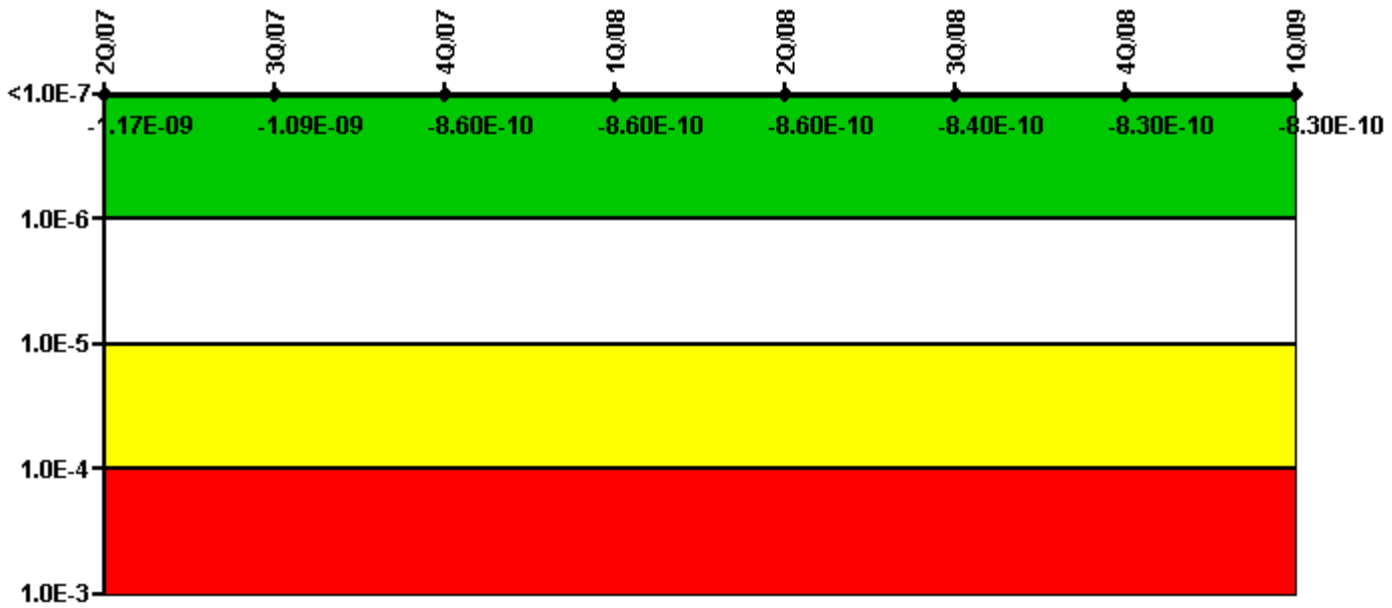
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Heat Removal System | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 |
| URI (Δ CDF) | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.53E-07 | -1.53E-07 | -1.53E-07 | -1.53E-07 | -1.53E-07 | -1.53E-07 | -1.53E-07 | -1.53E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



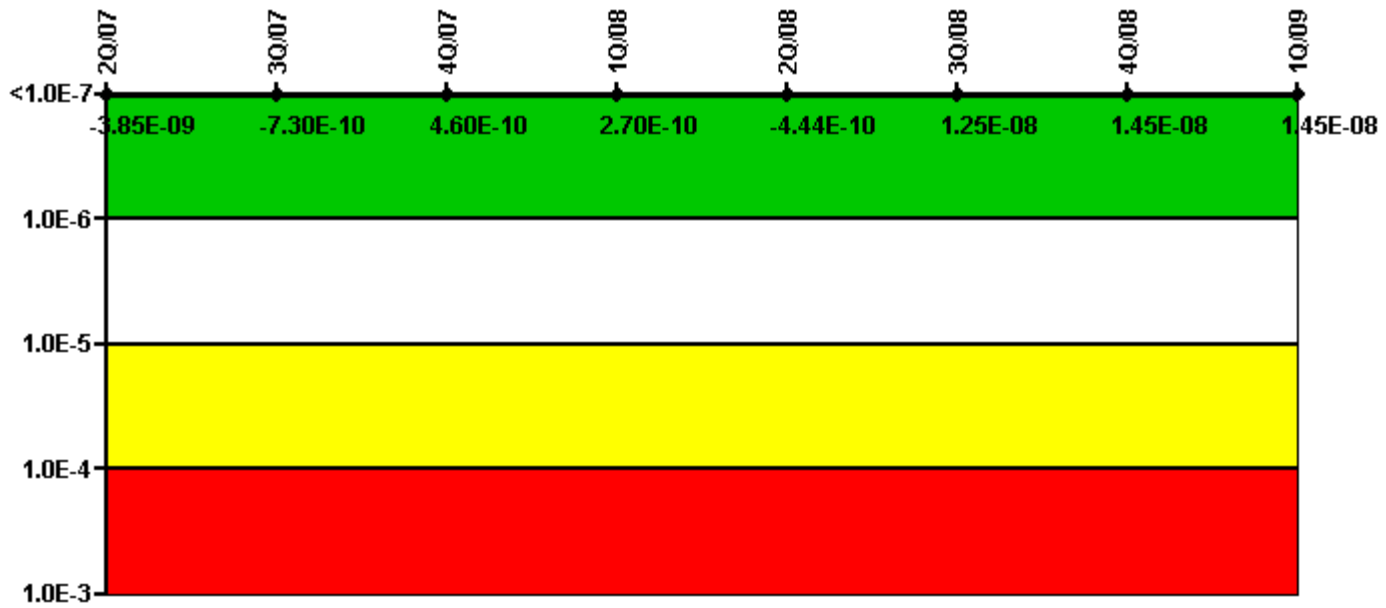
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -2.00E-10 | -1.20E-10 | 1.00E-10 | 1.00E-10 | 1.00E-10 | 1.20E-10 | 1.30E-10 | 1.30E-10 |
| URI (Δ CDF) | -9.70E-10 | -9.70E-10 | -9.60E-10 | -9.60E-10 | -9.60E-10 | -9.60E-10 | -9.60E-10 | -9.60E-10 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.17E-09 | -1.09E-09 | -8.60E-10 | -8.60E-10 | -8.60E-10 | -8.40E-10 | -8.30E-10 | -8.30E-10 |

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



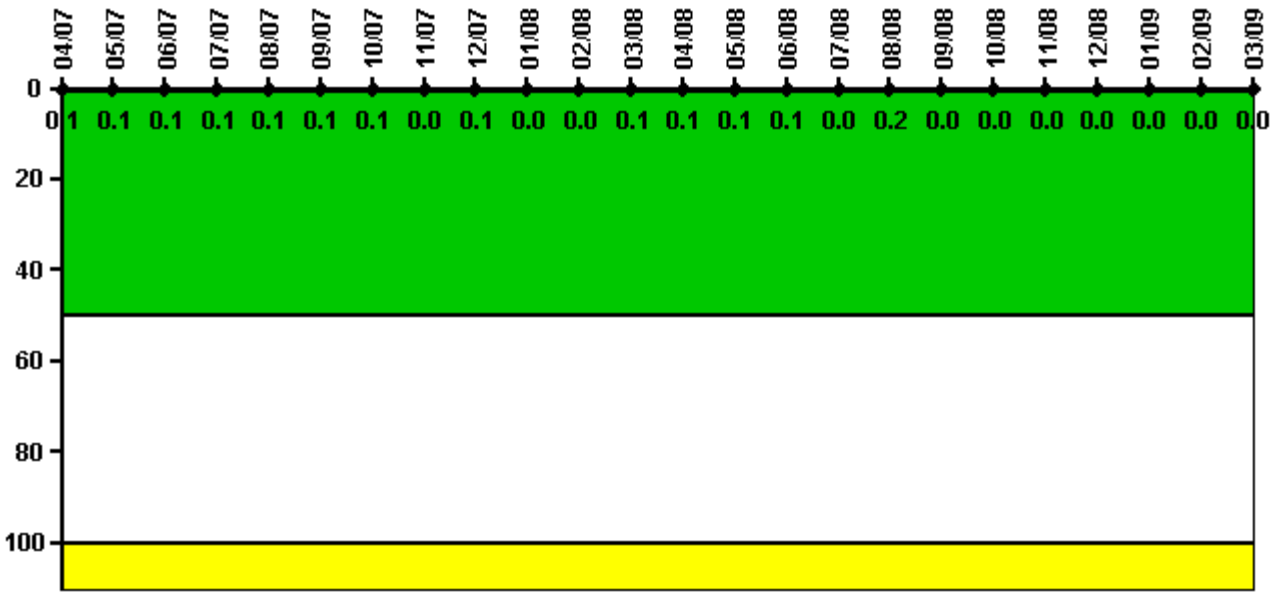
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -1.50E-10 | -1.60E-10 | 9.70E-10 | 7.80E-10 | 6.60E-11 | 1.30E-08 | 1.50E-08 | 1.50E-08 |
| URI (Δ CDF) | -3.70E-09 | -5.70E-10 | -5.10E-10 | -5.10E-10 | -5.10E-10 | -5.10E-10 | -5.10E-10 | -5.10E-10 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -3.85E-09 | -7.30E-10 | 4.60E-10 | 2.70E-10 | -4.44E-10 | 1.25E-08 | 1.45E-08 | 1.45E-08 |

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

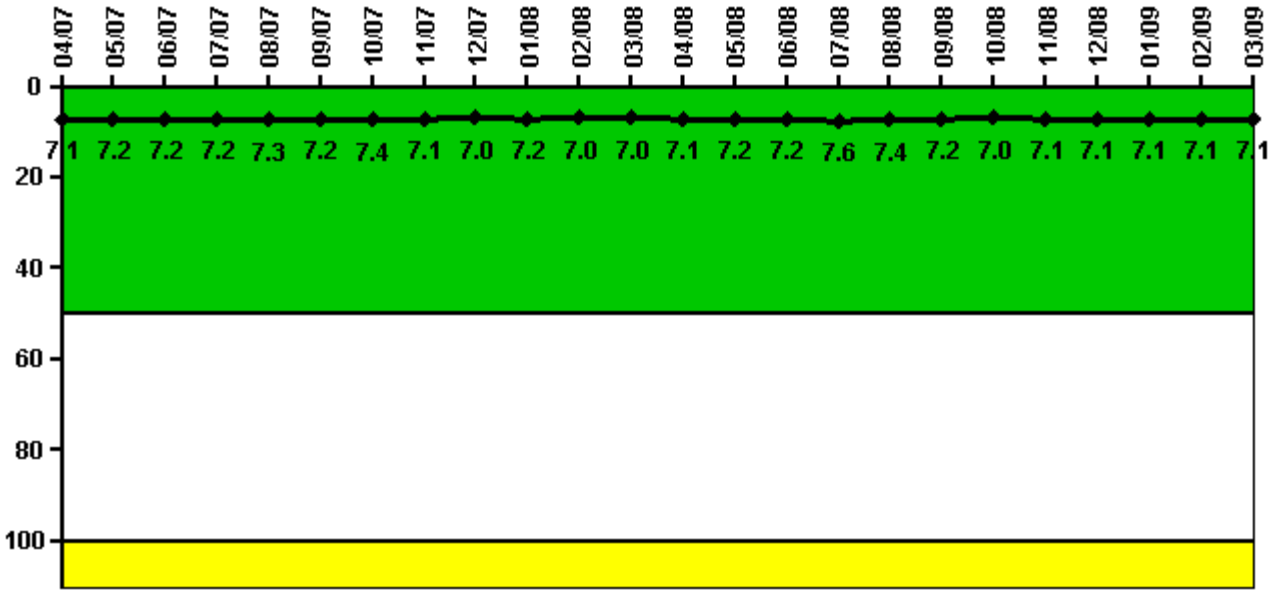
Notes

| Reactor Coolant System Activity | 4/07 | 5/07 | 6/07 | 7/07 | 8/07 | 9/07 | 10/07 | 11/07 | 12/07 | 1/08 | 2/08 | 3/08 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000131 | 0.000145 | 0.000146 | 0.000187 | 0.000142 | 0.000122 | 0.000133 | 0.000094 | 0.000155 | 0.000066 | 0.000070 | 0.000131 |
| 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 | 0.1 | 0.1 | 0.1 | 0 | 0.1 | 0 | 0 | 0.1 |

| Reactor Coolant System Activity | 4/08 | 5/08 | 6/08 | 7/08 | 8/08 | 9/08 | 10/08 | 11/08 | 12/08 | 1/09 | 2/09 | 3/09 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000223 | 0.000114 | 0.000184 | 0.000085 | 0.000378 | 0.000068 | 0.000049 | 0.000050 | 0.000061 | 0.000047 | 0.000039 | 0.000050 |
| 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 | 0.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Reactor Coolant System Leakage



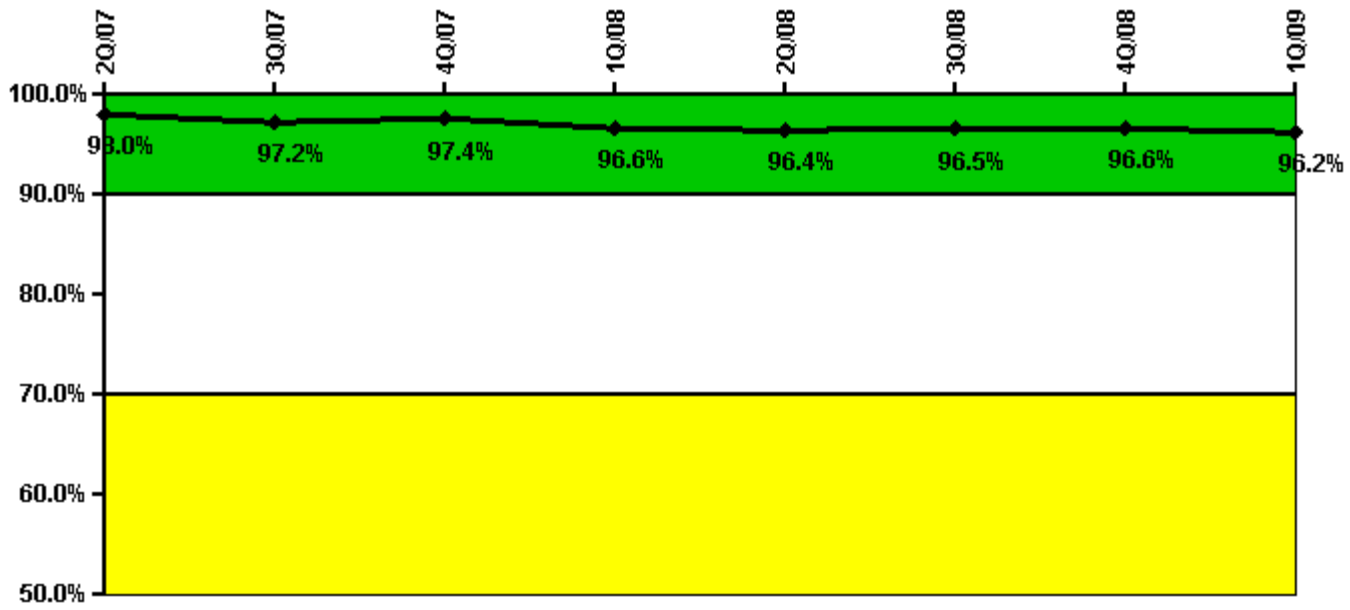
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Leakage | 4/07 | 5/07 | 6/07 | 7/07 | 8/07 | 9/07 | 10/07 | 11/07 | 12/07 | 1/08 | 2/08 | 3/08 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.780 | 1.790 | 1.800 | 1.790 | 1.820 | 1.800 | 1.850 | 1.780 | 1.750 | 1.790 | 1.740 | 1.750 |
| 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 | 7.1 | 7.2 | 7.2 | 7.2 | 7.3 | 7.2 | 7.4 | 7.1 | 7.0 | 7.2 | 7.0 | 7.0 |
| Reactor Coolant System Leakage | 4/08 | 5/08 | 6/08 | 7/08 | 8/08 | 9/08 | 10/08 | 11/08 | 12/08 | 1/09 | 2/09 | 3/09 |
| Maximum leakage | 1.780 | 1.800 | 1.800 | 1.890 | 1.850 | 1.810 | 1.750 | 1.780 | 1.780 | 1.780 | 1.780 | 1.780 |
| 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 | 7.1 | 7.2 | 7.2 | 7.6 | 7.4 | 7.2 | 7.0 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |

Licensee Comments: none

Drill/Exercise Performance



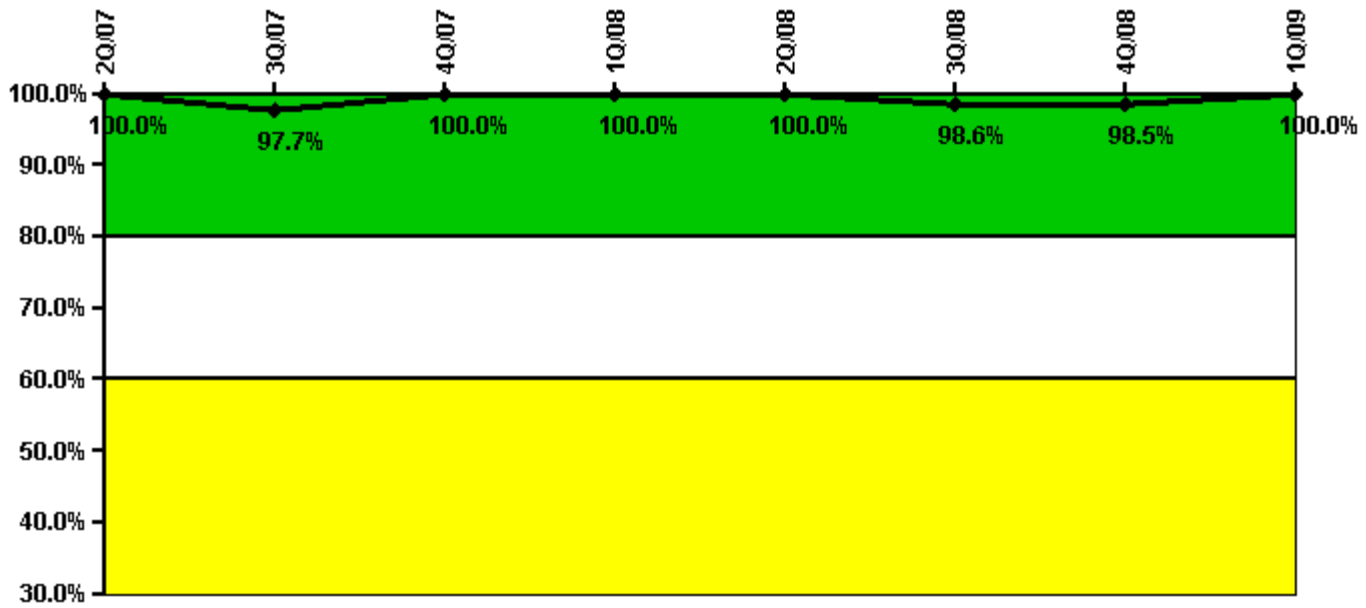
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 28.0 | 34.0 | 24.0 | 59.0 | 82.0 | 22.0 | 36.0 | 71.0 |
| Total opportunities | 30.0 | 38.0 | 24.0 | 63.0 | 84.0 | 22.0 | 36.0 | 73.0 |
| | | | | | | | | |
| Indicator value | 98.0% | 97.2% | 97.4% | 96.6% | 96.4% | 96.5% | 96.6% | 96.2% |

Licensee Comments: none

ERO Drill Participation



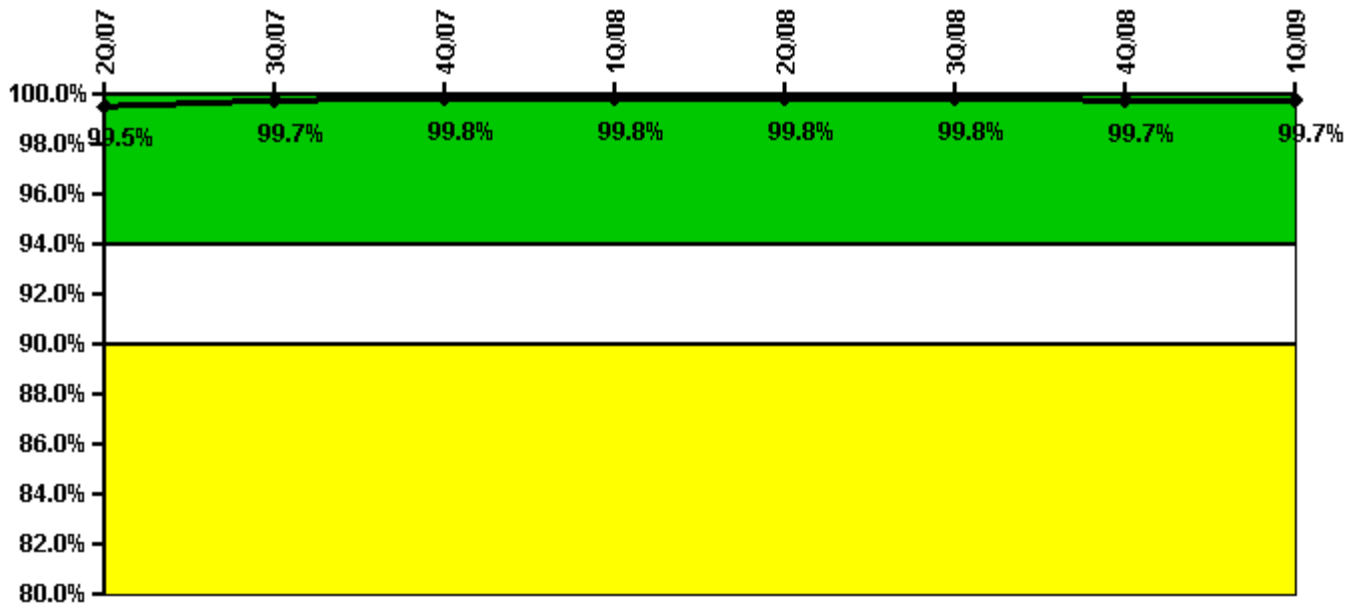
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 |
|-----------------------------|--------|-------|--------|--------|--------|-------|-------|--------|
| Participating Key personnel | 79.0 | 84.0 | 85.0 | 75.0 | 75.0 | 71.0 | 67.0 | 68.0 |
| Total Key personnel | 79.0 | 86.0 | 85.0 | 75.0 | 75.0 | 72.0 | 68.0 | 68.0 |
| | | | | | | | | |
| Indicator value | 100.0% | 97.7% | 100.0% | 100.0% | 100.0% | 98.6% | 98.5% | 100.0% |

Licensee Comments: none

Alert & Notification System



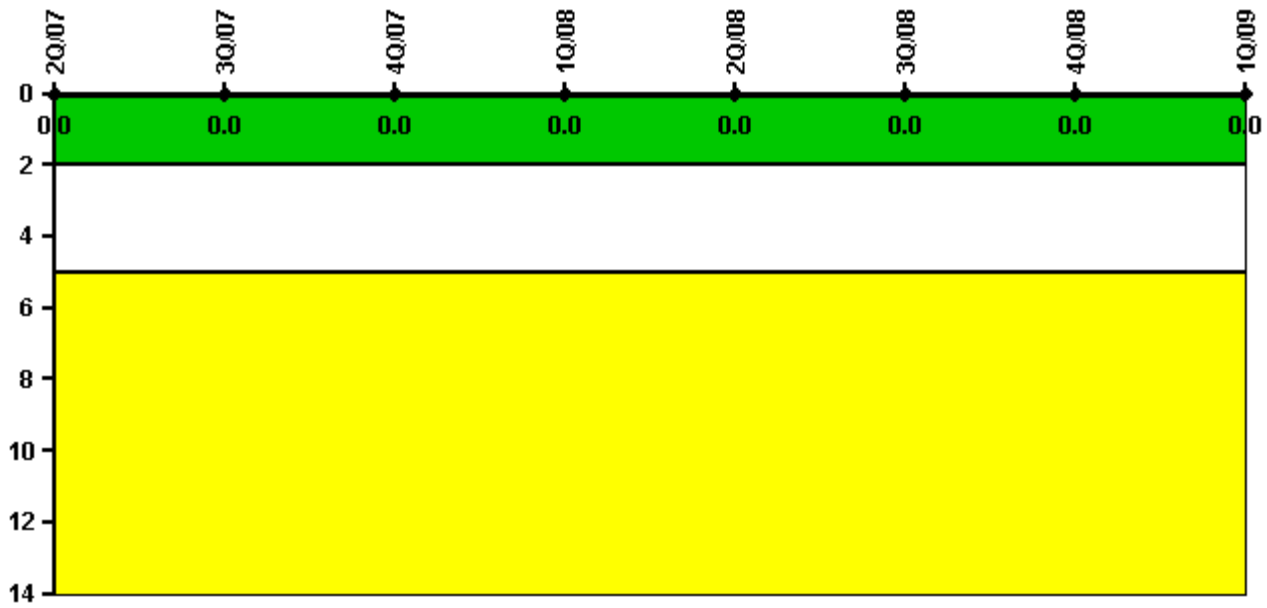
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 1258 | 1258 | 1261 | 1258 | 1255 | 1259 | 1355 | 1162 |
| Total sirens-tests | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1358 | 1164 |
| | | | | | | | | |
| Indicator value | 99.5% | 99.7% | 99.8% | 99.8% | 99.8% | 99.8% | 99.7% | 99.7% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



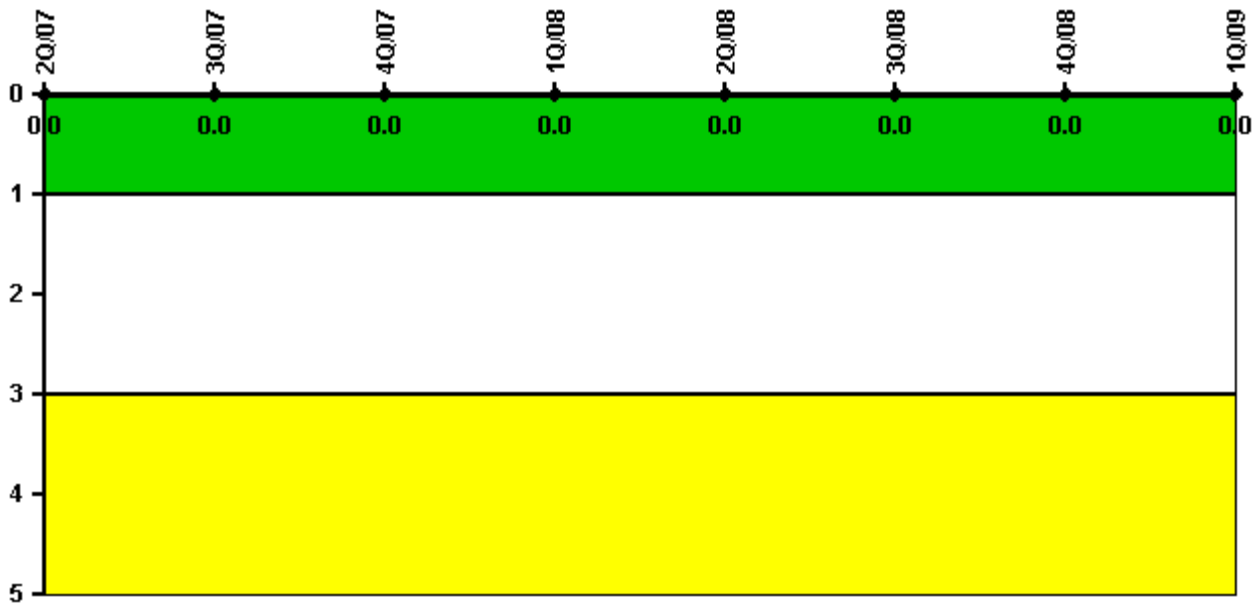
Thresholds: White > 2.0 Yellow > 5.0

Notes

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