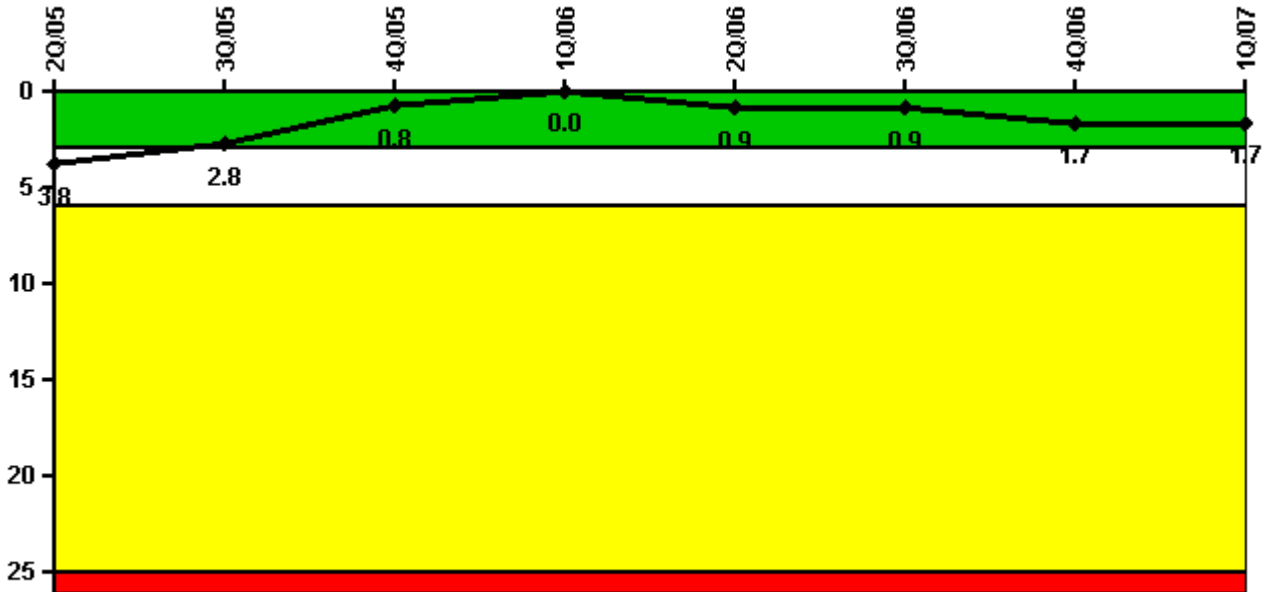


River Bend 1

1Q/2007 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



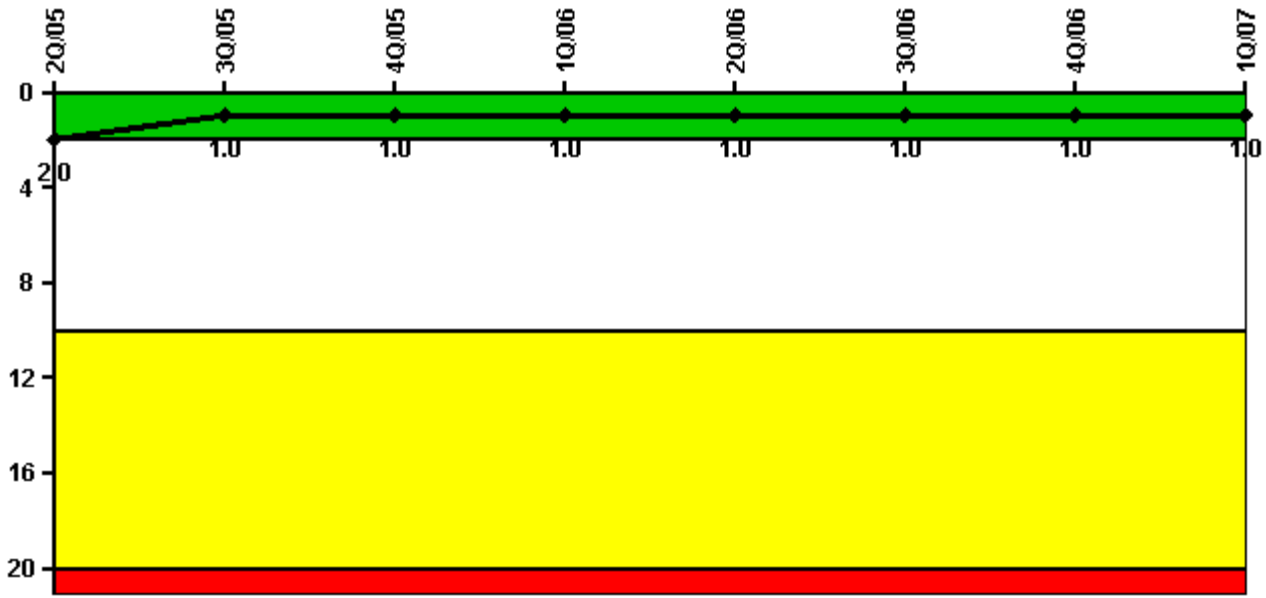
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 1.0 | 0 | 1.0 | 0 |
| Critical hours | 2012.5 | 2184.5 | 2209.0 | 1975.1 | 1691.2 | 2208.0 | 2153.6 | 2159.0 |
| Indicator value | 3.8 | 2.8 | 0.8 | 0 | 0.9 | 0.9 | 1.7 | 1.7 |

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



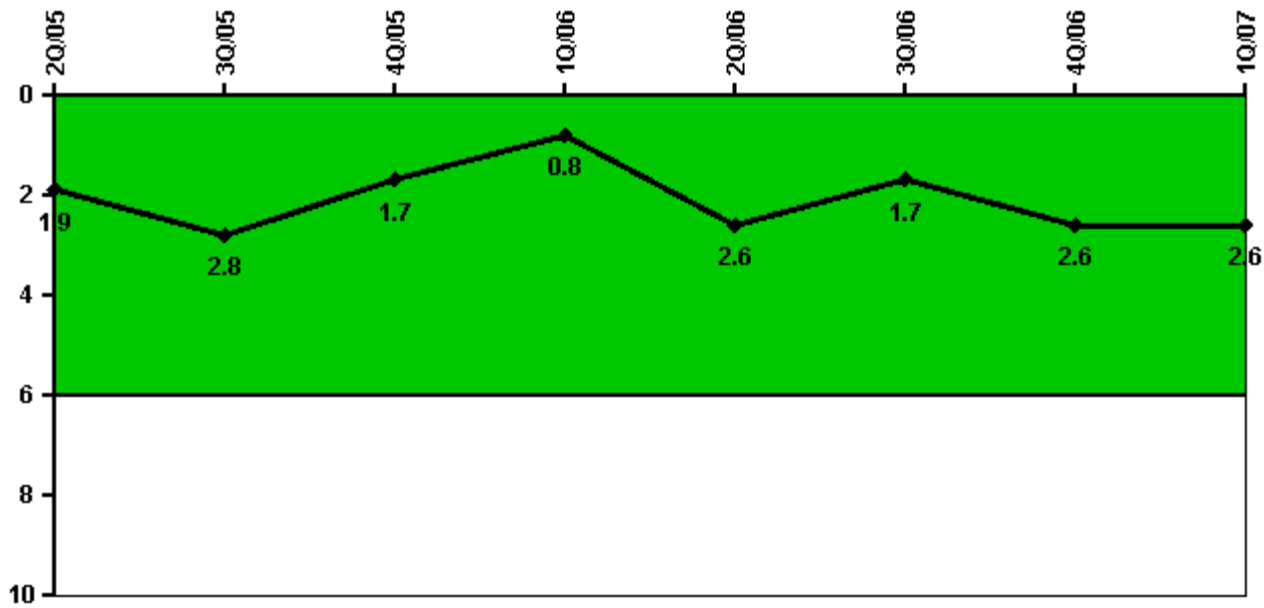
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

| Scrams with Loss of Normal Heat Removal | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



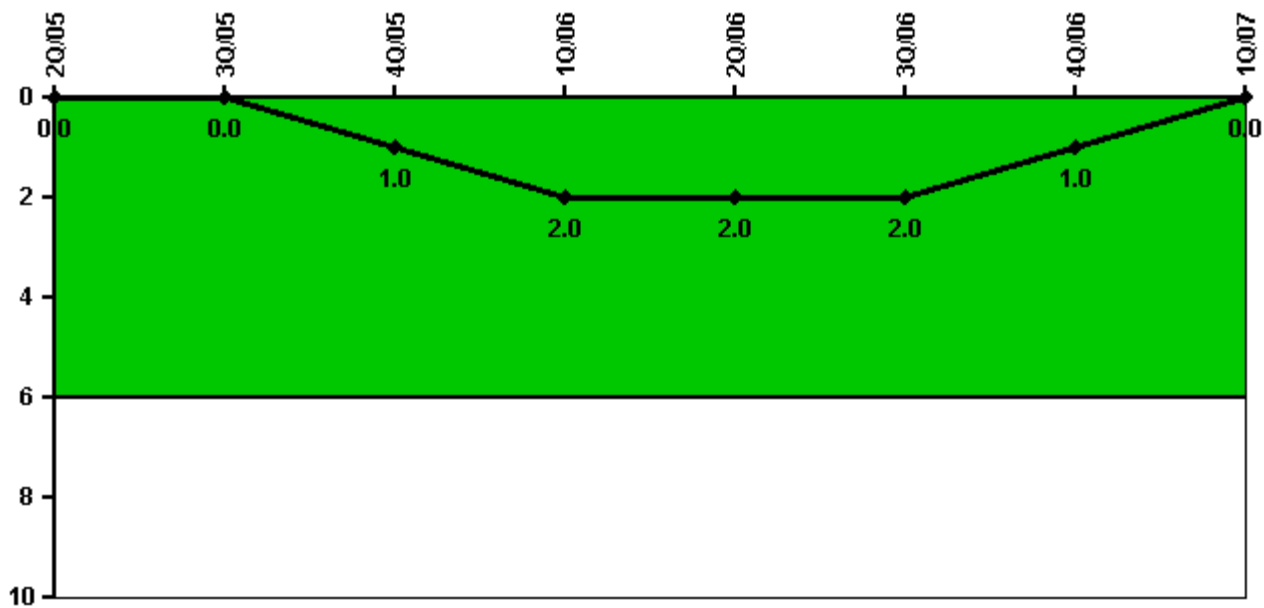
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 |
|---|------------|------------|------------|------------|------------|------------|------------|------------|
| Unplanned power changes | 0 | 1.0 | 0 | 0 | 2.0 | 0 | 1.0 | 0 |
| Critical hours | 2012.5 | 2184.5 | 2209.0 | 1975.1 | 1691.2 | 2208.0 | 2153.6 | 2159.0 |
| | | | | | | | | |
| Indicator value | 1.9 | 2.8 | 1.7 | 0.8 | 2.6 | 1.7 | 2.6 | 2.6 |

Licensee Comments: none

Safety System Functional Failures (BWR)



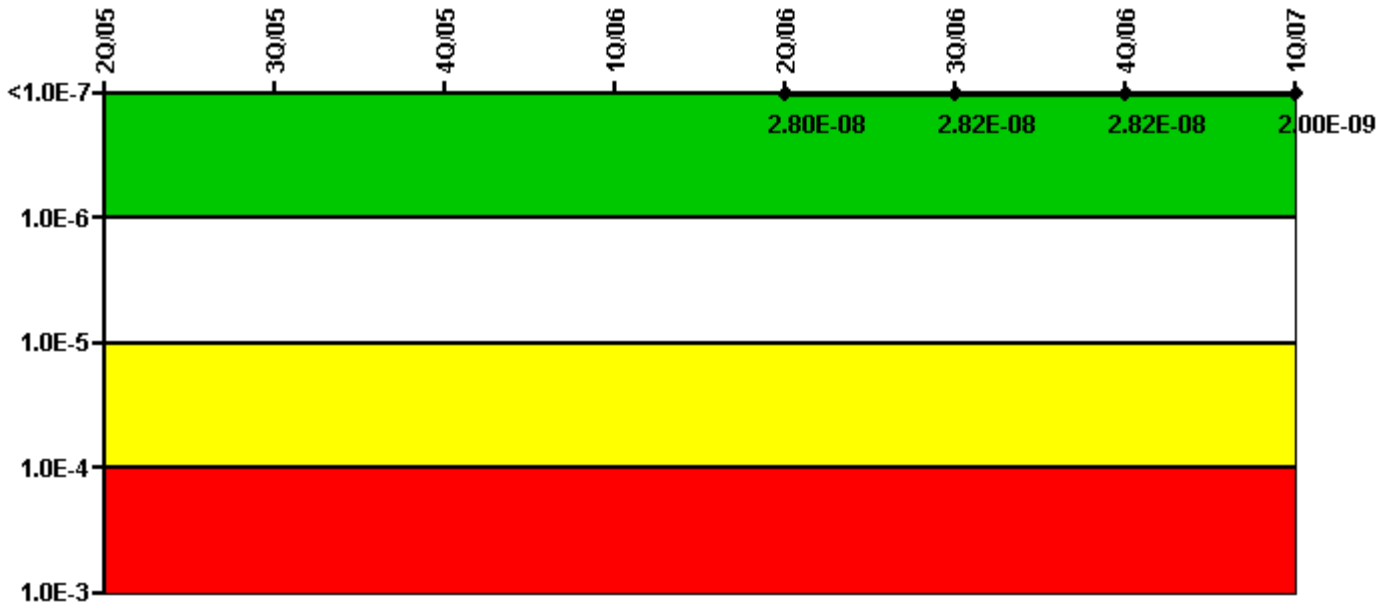
Thresholds: White > 6.0

Notes

| Safety System Functional Failures (BWR) | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 1 | 2 | 2 | 2 | 1 | 0 |

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



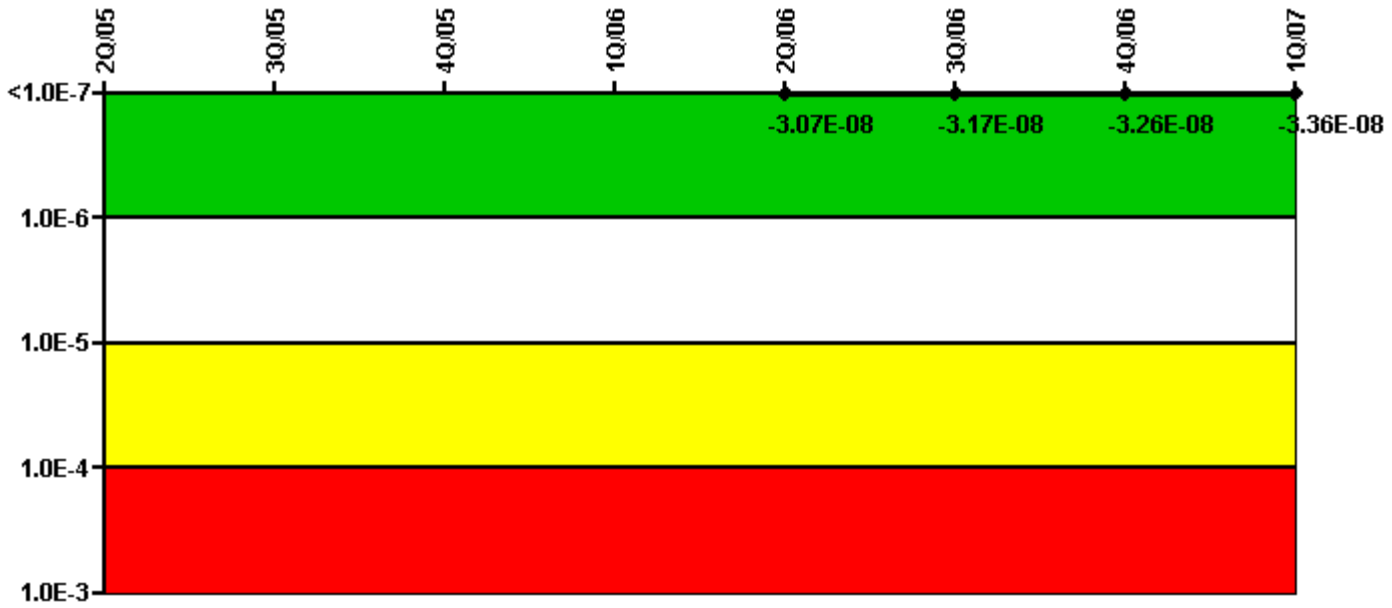
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 |
|---|-------|-------|-------|-------|-----------|-----------|-----------|-----------|
| UAI (ΔCDF) | | | | | -6.00E-09 | -4.80E-09 | -4.80E-09 | 3.60E-09 |
| URI (ΔCDF) | | | | | 3.40E-08 | 3.30E-08 | 3.30E-08 | -1.60E-09 |
| PLE | | | | | NO | NO | NO | NO |
| Indicator value | | | | | 2.80E-08 | 2.82E-08 | 2.82E-08 | 2.00E-09 |

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



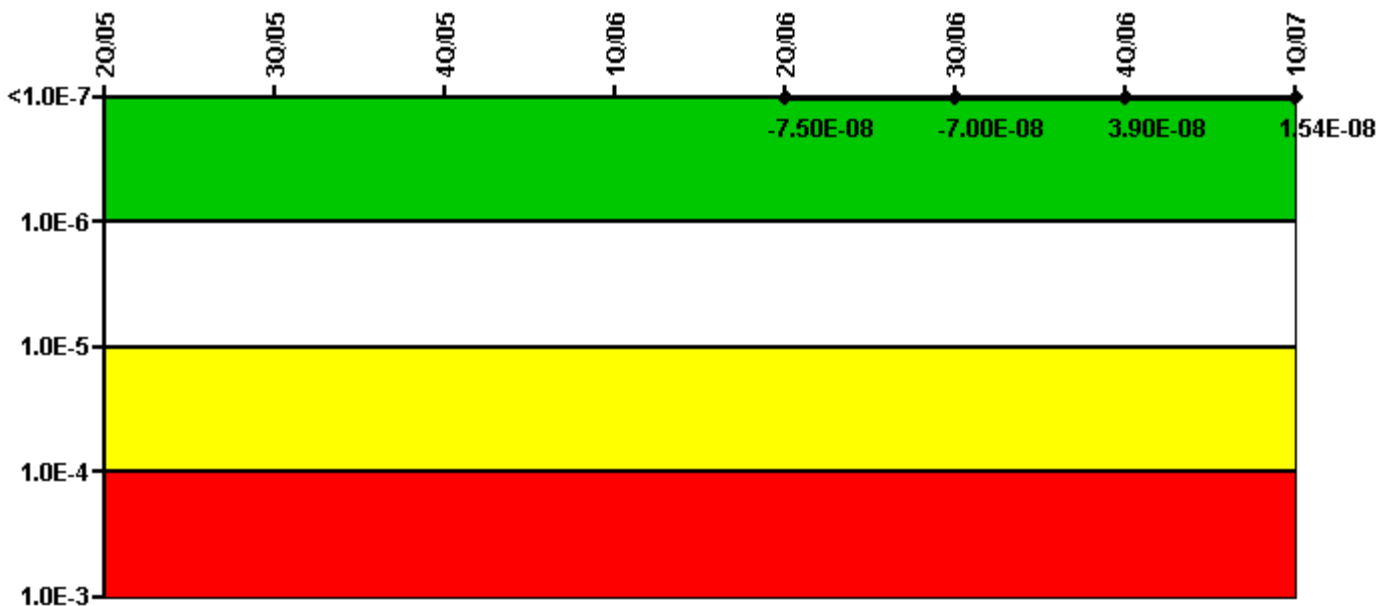
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 |
|--|-------|-------|-------|-------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | | | | | 5.30E-09 | 5.30E-09 | 4.40E-09 | 2.40E-09 |
| URI (Δ CDF) | | | | | -3.60E-08 | -3.70E-08 | -3.70E-08 | -3.60E-08 |
| PLE | | | | | NO | NO | NO | NO |
| Indicator value | | | | | -3.07E-08 | -3.17E-08 | -3.26E-08 | -3.36E-08 |

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



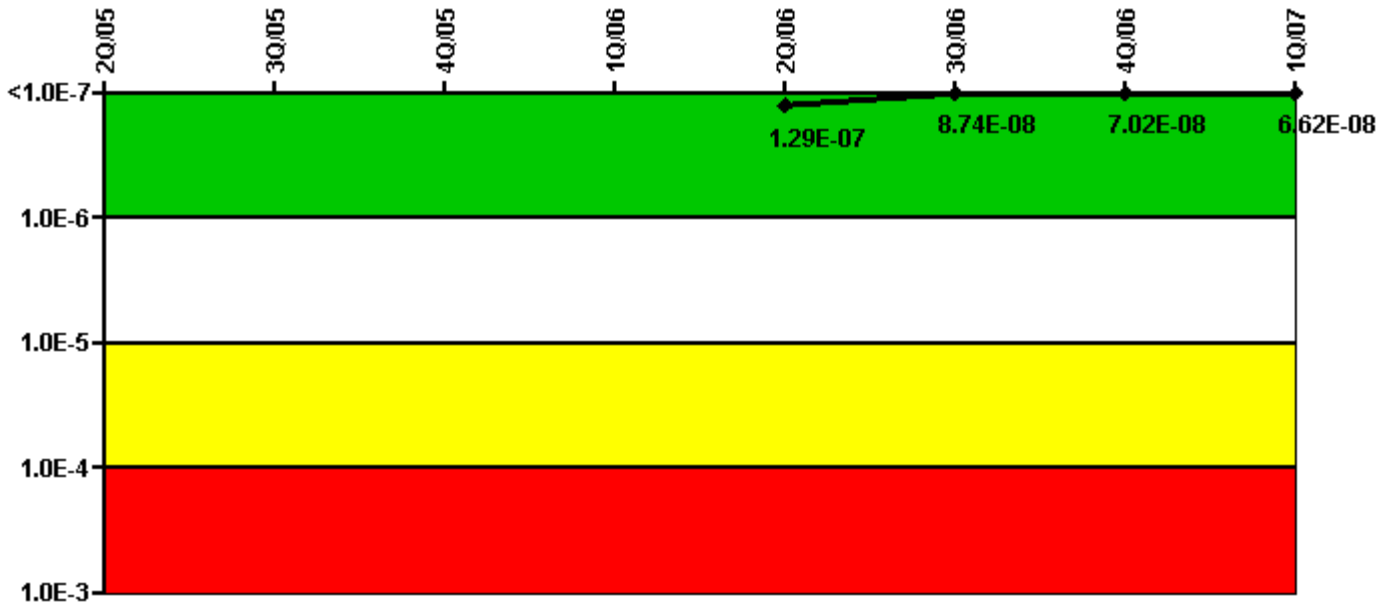
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Heat Removal System | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 |
|---|-------|-------|-------|-------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | | | | | -2.20E-08 | -2.20E-08 | -1.70E-08 | -4.60E-09 |
| URI (Δ CDF) | | | | | -5.30E-08 | -4.80E-08 | 5.60E-08 | 2.00E-08 |
| PLE | | | | | NO | NO | NO | NO |
| Indicator value | | | | | -7.50E-08 | -7.00E-08 | 3.90E-08 | 1.54E-08 |

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



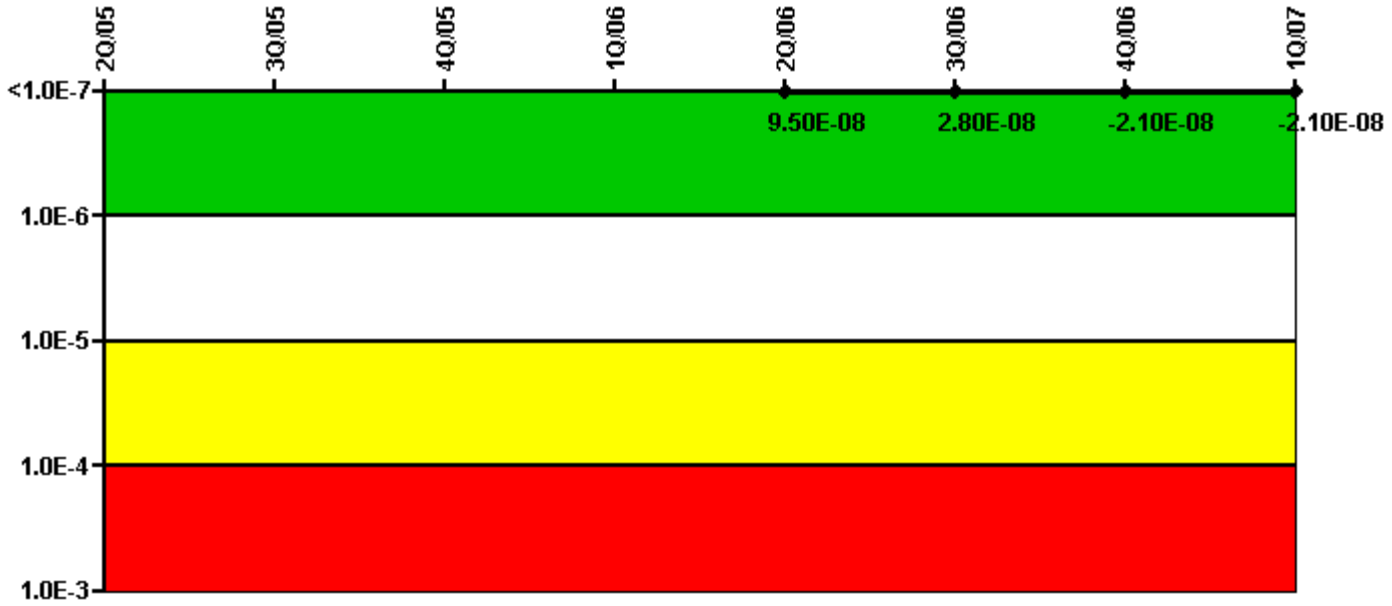
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 |
|--|-------|-------|-------|-------|-----------|----------|-----------|-----------|
| UAI (ΔCDF) | | | | | 1.30E-07 | 8.70E-08 | 7.30E-08 | 6.80E-08 |
| URI (ΔCDF) | | | | | -7.70E-10 | 3.50E-10 | -2.80E-09 | -1.80E-09 |
| PLE | | | | | NO | NO | NO | NO |
| Indicator value | | | | | 1.29E-07 | 8.74E-08 | 7.02E-08 | 6.62E-08 |

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



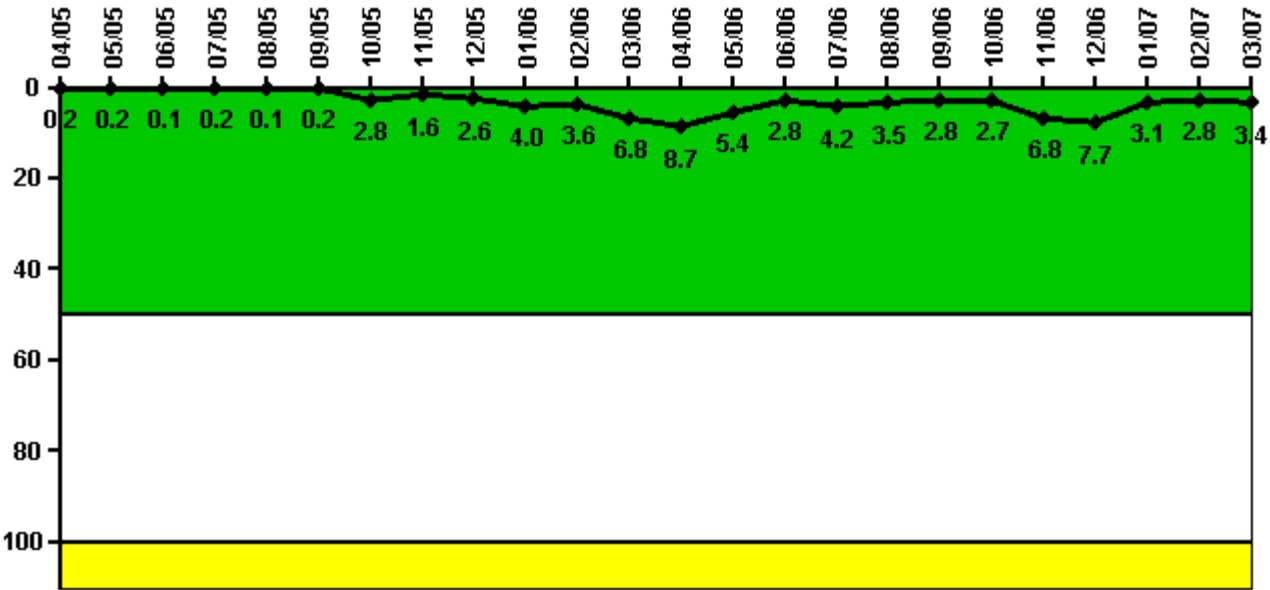
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 |
|---|-------|-------|-------|-------|-----------|-----------|-----------|-----------|
| UAI (ΔCDF) | | | | | 1.20E-07 | 5.30E-08 | 4.00E-09 | 4.00E-09 |
| URI (ΔCDF) | | | | | -2.50E-08 | -2.50E-08 | -2.50E-08 | -2.50E-08 |
| PLE | | | | | NO | NO | NO | NO |
| Indicator value | | | | | 9.50E-08 | 2.80E-08 | -2.10E-08 | -2.10E-08 |

Licensee Comments: none

Reactor Coolant System Activity



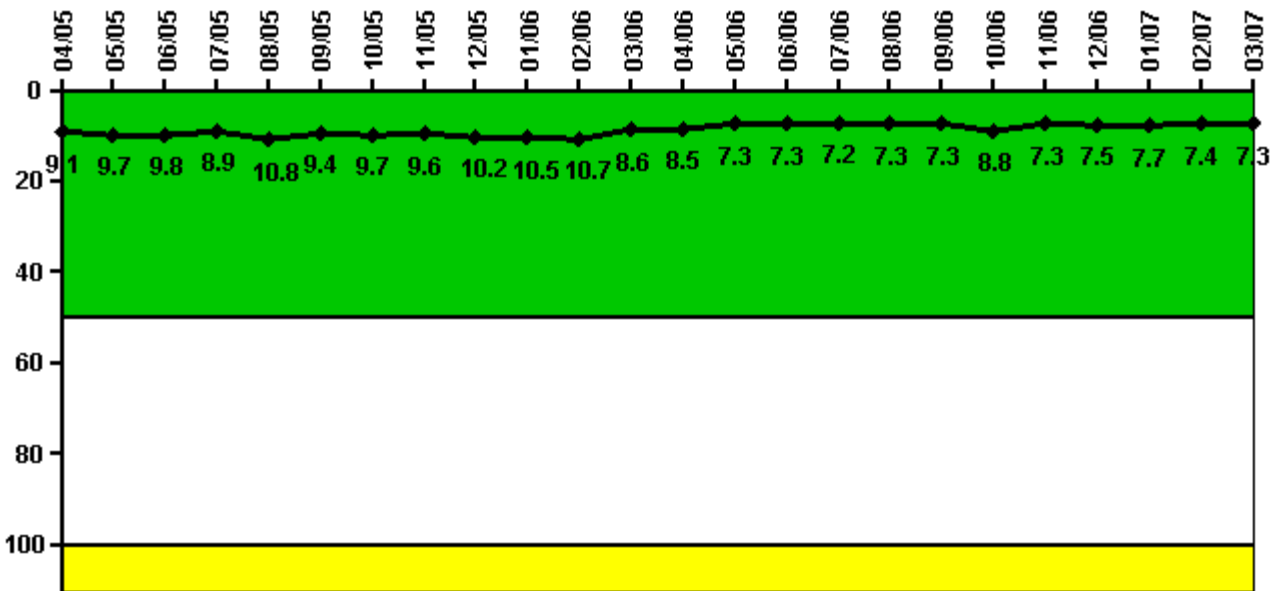
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Activity | 4/05 | 5/05 | 6/05 | 7/05 | 8/05 | 9/05 | 10/05 | 11/05 | 12/05 | 1/06 | 2/06 | 3/06 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000487 | 0.000424 | 0.000245 | 0.000348 | 0.000289 | 0.000425 | 0.005660 | 0.003160 | 0.005120 | 0.007920 | 0.007180 | 0.013500 |
| 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 | 0.2 | 0.2 | 0.1 | 0.2 | 0.1 | 0.2 | 2.8 | 1.6 | 2.6 | 4.0 | 3.6 | 6.8 |
| Reactor Coolant System Activity | 4/06 | 5/06 | 6/06 | 7/06 | 8/06 | 9/06 | 10/06 | 11/06 | 12/06 | 1/07 | 2/07 | 3/07 |
| Maximum activity | 0.017300 | 0.010700 | 0.005570 | 0.008390 | 0.007000 | 0.005690 | 0.005370 | 0.013500 | 0.015300 | 0.006150 | 0.005520 | 0.006730 |
| 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 | 8.7 | 5.4 | 2.8 | 4.2 | 3.5 | 2.8 | 2.7 | 6.8 | 7.7 | 3.1 | 2.8 | 3.4 |

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

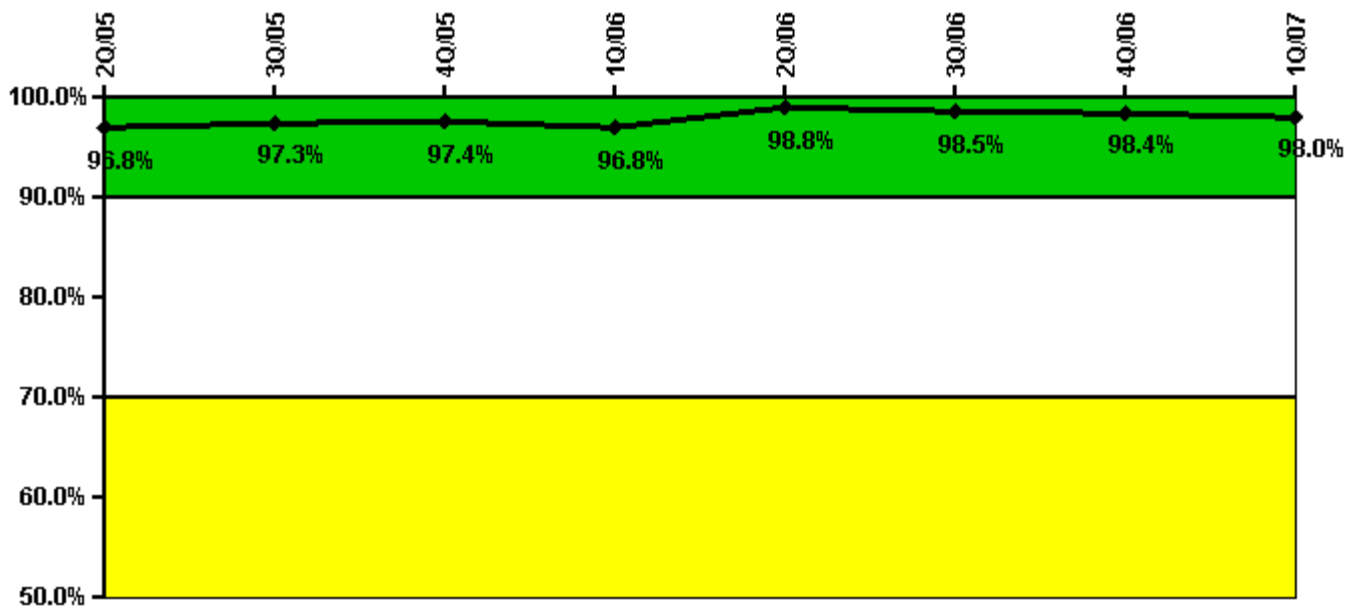
Notes

| Reactor Coolant System Leakage | 4/05 | 5/05 | 6/05 | 7/05 | 8/05 | 9/05 | 10/05 | 11/05 | 12/05 | 1/06 | 2/06 | 3/06 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 2.740 | 2.910 | 2.930 | 2.670 | 3.230 | 2.810 | 2.920 | 2.890 | 3.060 | 3.140 | 3.200 | 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 | 9.1 | 9.7 | 9.8 | 8.9 | 10.8 | 9.4 | 9.7 | 9.6 | 10.2 | 10.5 | 10.7 | 8.6 |

| Reactor Coolant System Leakage | 4/06 | 5/06 | 6/06 | 7/06 | 8/06 | 9/06 | 10/06 | 11/06 | 12/06 | 1/07 | 2/07 | 3/07 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 2.540 | 2.190 | 2.180 | 2.160 | 2.180 | 2.180 | 2.630 | 2.200 | 2.240 | 2.300 | 2.210 | 2.180 |
| 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 | 8.5 | 7.3 | 7.3 | 7.2 | 7.3 | 7.3 | 8.8 | 7.3 | 7.5 | 7.7 | 7.4 | 7.3 |

Licensee Comments: none

Drill/Exercise Performance



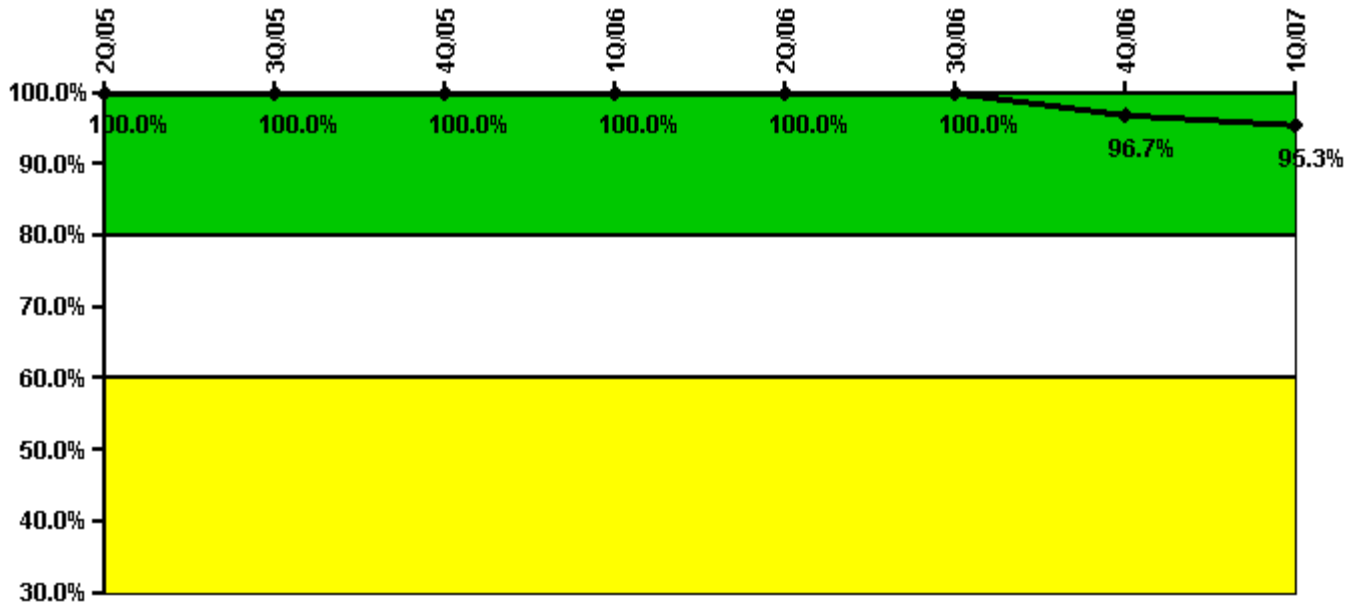
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful opportunities | 34.0 | 54.0 | 16.0 | 7.0 | 23.0 | 41.0 | 3.0 | 15.0 |
| Total opportunities | 34.0 | 54.0 | 16.0 | 8.0 | 24.0 | 42.0 | 3.0 | 16.0 |
| | | | | | | | | |
| Indicator value | 96.8% | 97.3% | 97.4% | 96.8% | 98.8% | 98.5% | 98.4% | 98.0% |

Licensee Comments: none

ERO Drill Participation



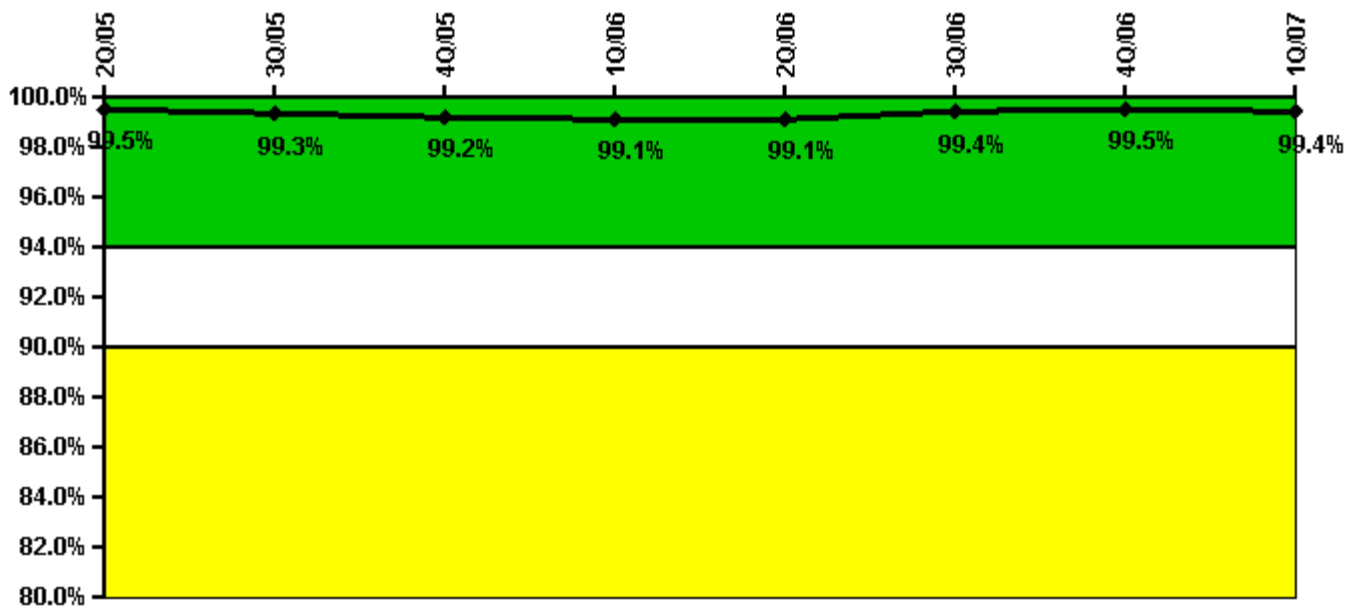
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 |
|-----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|
| Participating Key personnel | 126.0 | 129.0 | 126.0 | 122.0 | 130.0 | 130.0 | 119.0 | 123.0 |
| Total Key personnel | 126.0 | 129.0 | 126.0 | 122.0 | 130.0 | 130.0 | 123.0 | 129.0 |
| | | | | | | | | |
| Indicator value | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 96.7% | 95.3% |

Licensee Comments: none

Alert & Notification System



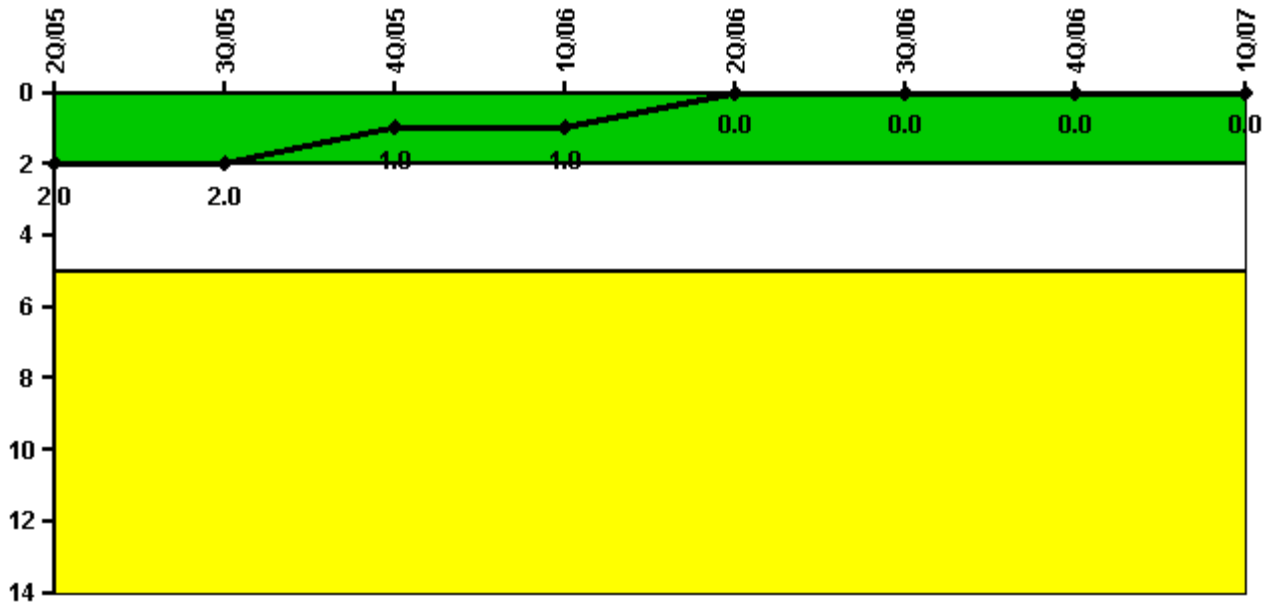
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 1201 | 1095 | 1201 | 1111 | 1199 | 1203 | 1019 | 1202 |
| Total sirens-tests | 1209 | 1116 | 1209 | 1116 | 1209 | 1209 | 1023 | 1209 |
| | | | | | | | | |
| Indicator value | 99.5% | 99.3% | 99.2% | 99.1% | 99.1% | 99.4% | 99.5% | 99.4% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



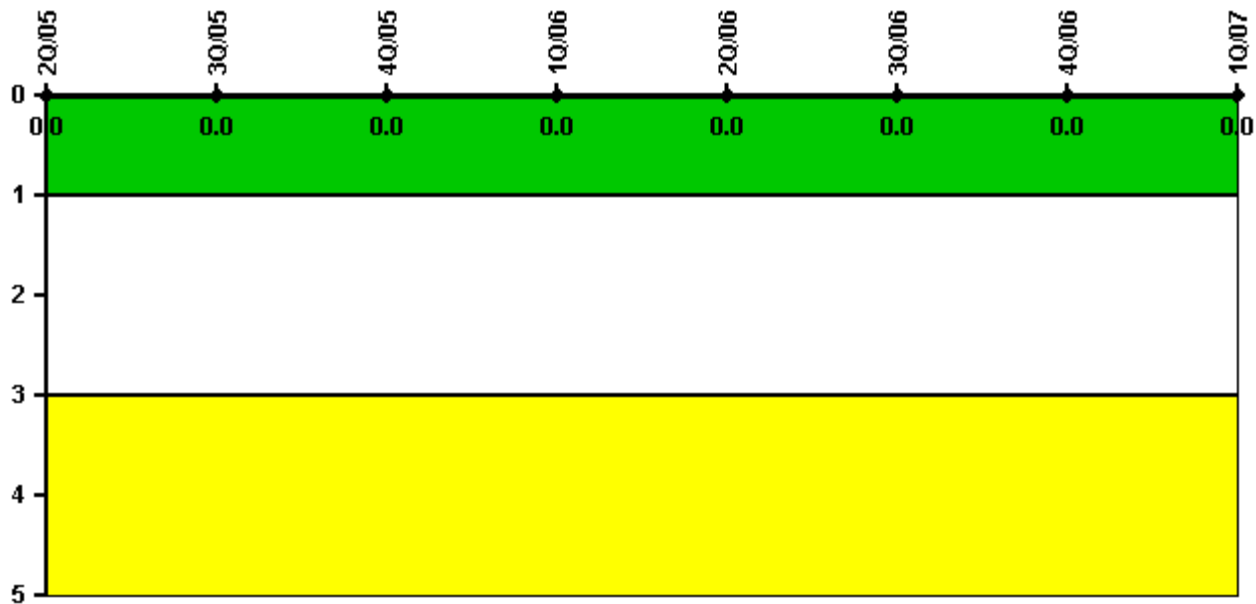
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences | 1 | 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 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | 0 |

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

| RETS/ODCM Radiological Effluent | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

[Physical Protection](#) information not publicly available.

▲ [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: June 1, 2007