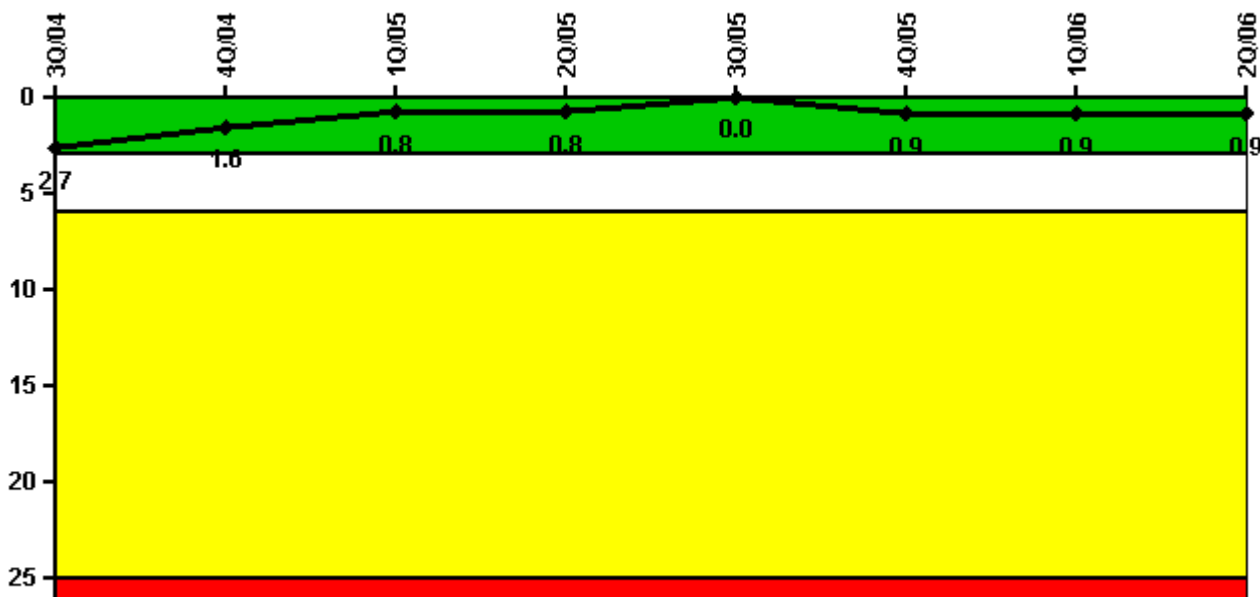


Crystal River 3

2Q/2006 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



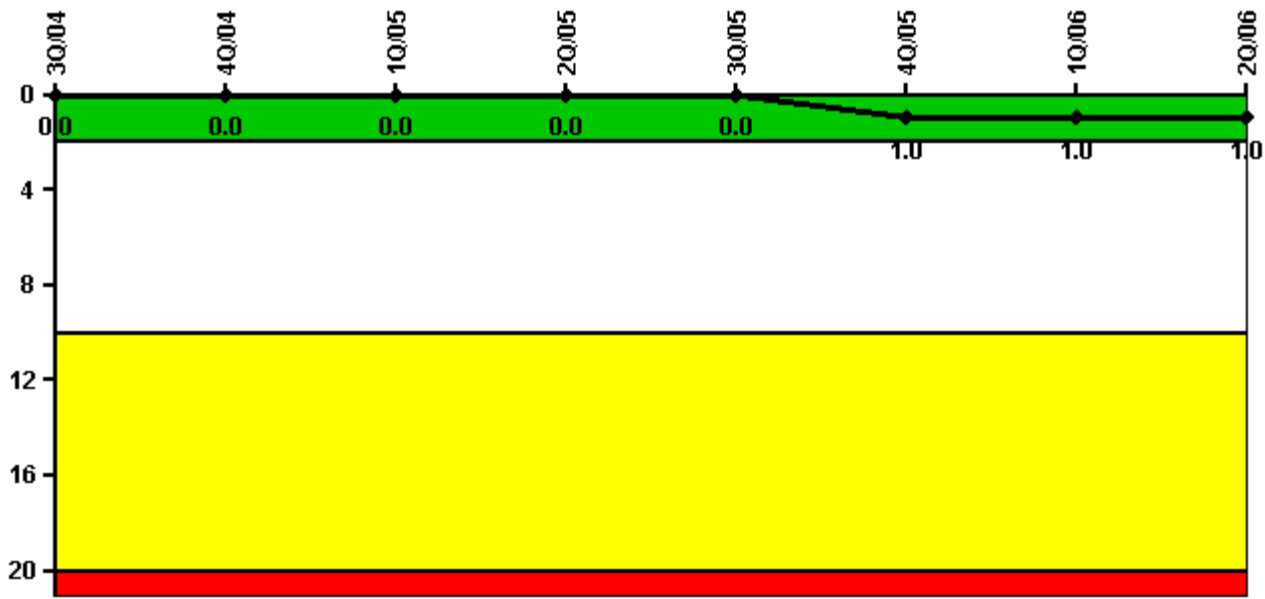
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 1.0 | 0 | 0 | 0 | 0 | 1.0 | 0 | 0 |
| Critical hours | 2086.8 | 2209.0 | 2160.0 | 2183.0 | 2208.0 | 1199.5 | 1813.1 | 2183.0 |
| Indicator value | 2.7 | 1.6 | 0.8 | 0.8 | 0 | 0.9 | 0.9 | 0.9 |

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



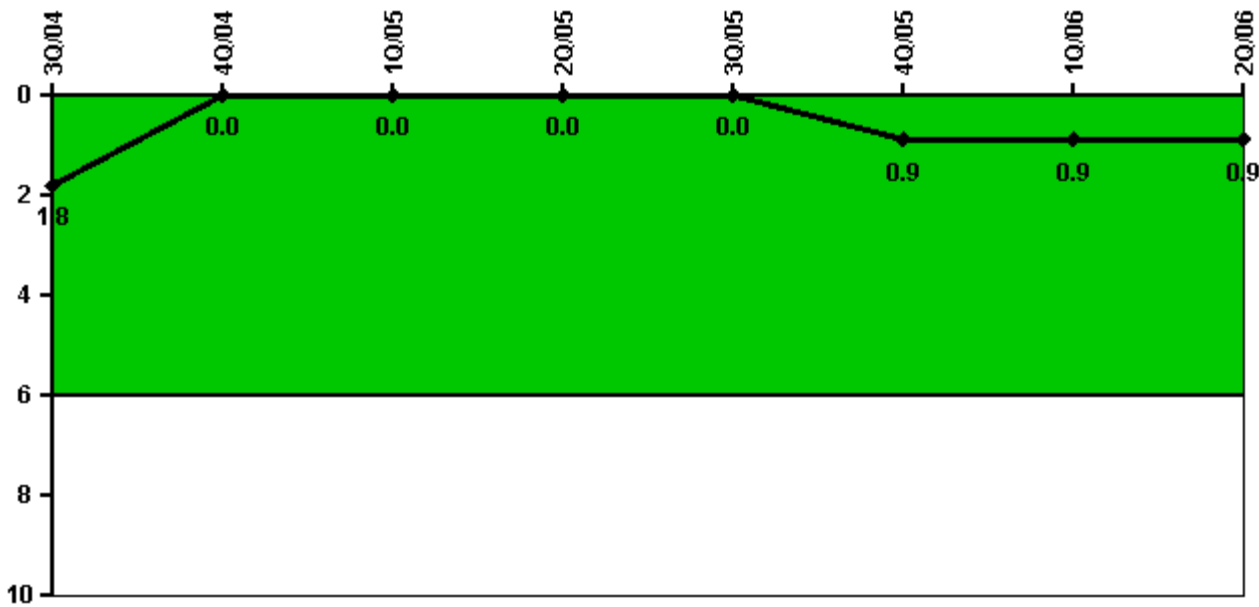
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

| Scrams with Loss of Normal Heat Removal | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams | 0 | 0 | 0 | 0 | 0 | 1.0 | 0 | 0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 1.0 | 1.0 | 1.0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



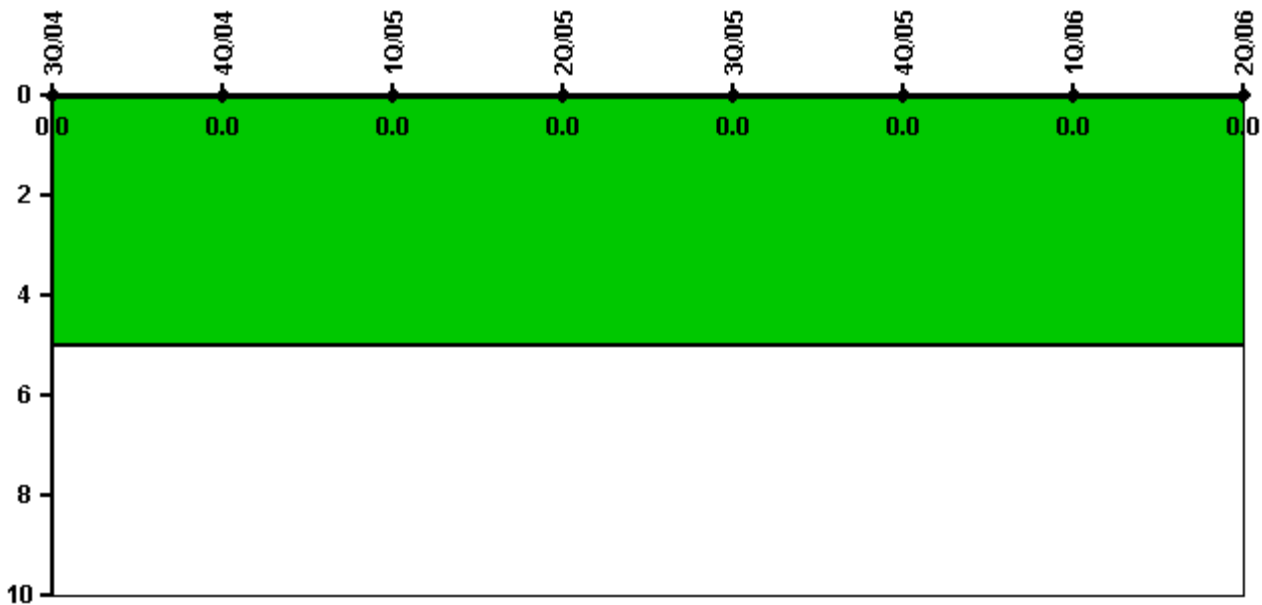
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes | 0 | 0 | 0 | 0 | 0 | 1.0 | 0 | 0 |
| Critical hours | 2086.8 | 2209.0 | 2160.0 | 2183.0 | 2208.0 | 1199.5 | 1813.1 | 2183.0 |
| Indicator value | 1.8 | 0 | 0 | 0 | 0 | 0.9 | 0.9 | 0.9 |

Licensee Comments: none

Safety System Functional Failures (PWR)



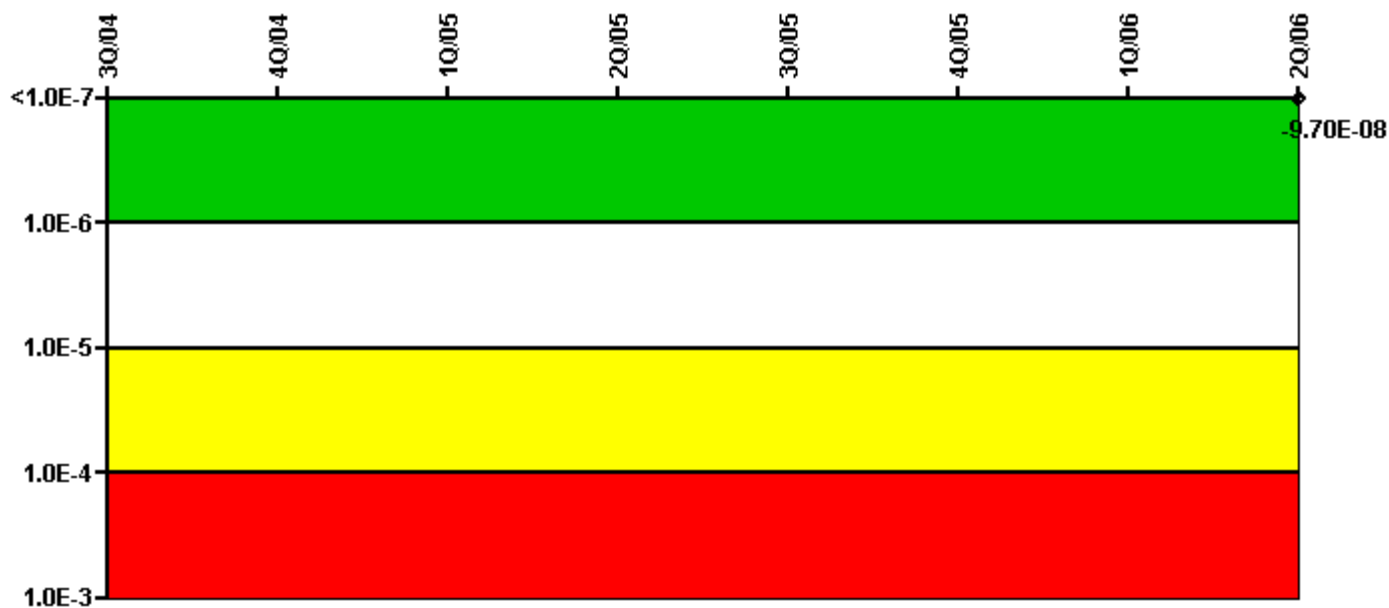
Thresholds: White > 5.0

Notes

| Safety System Functional Failures (PWR) | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



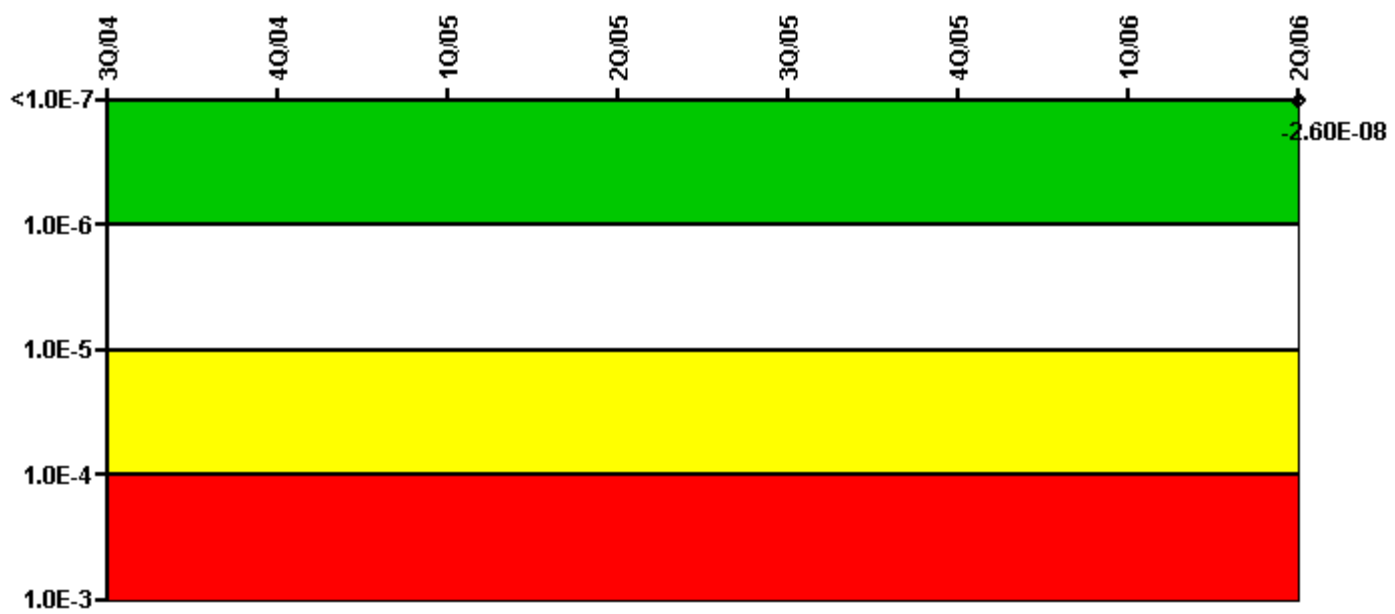
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 |
|---|-------|-------|-------|-------|-------|-------|-------|-----------|
| UAI (ΔCDF) | | | | | | | | 8.30E-08 |
| URI (ΔCDF) | | | | | | | | -1.80E-07 |
| PLE | | | | | | | | NO |
| Indicator value | | | | | | | | -9.70E-08 |

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



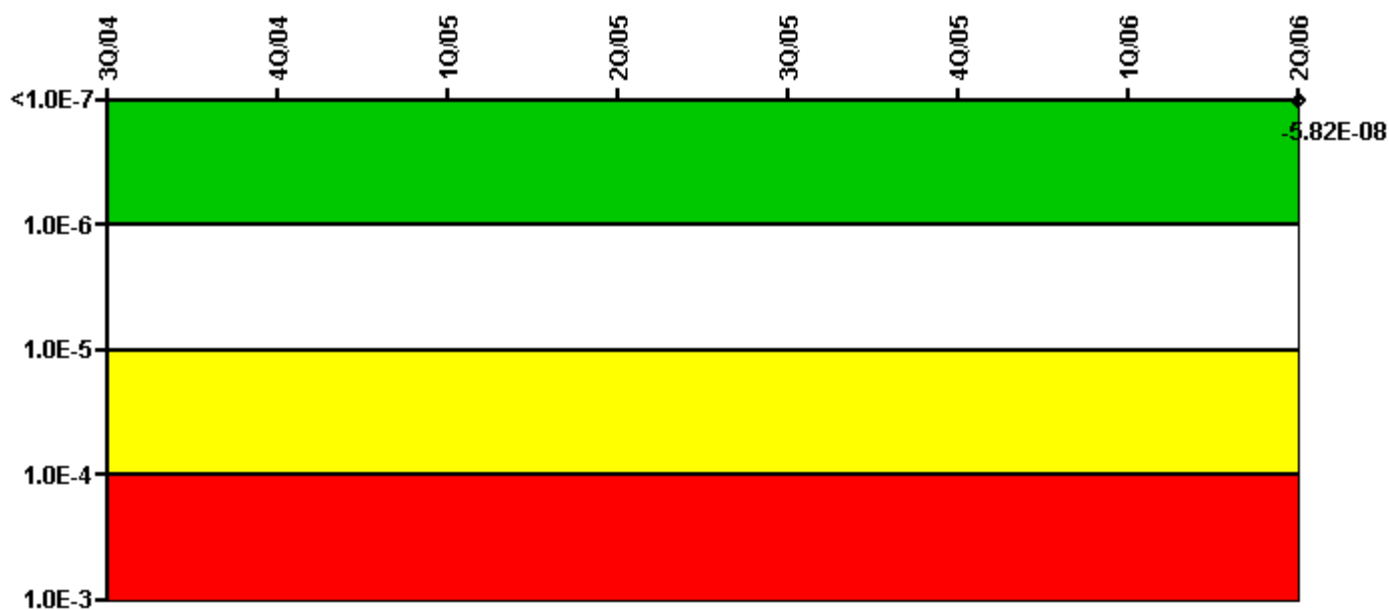
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 |
|--|-------|-------|-------|-------|-------|-------|-------|-----------|
| UAI (Δ CDF) | | | | | | | | -1.20E-08 |
| URI (Δ CDF) | | | | | | | | -1.40E-08 |
| PLE | | | | | | | | NO |
| Indicator value | | | | | | | | -2.60E-08 |

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



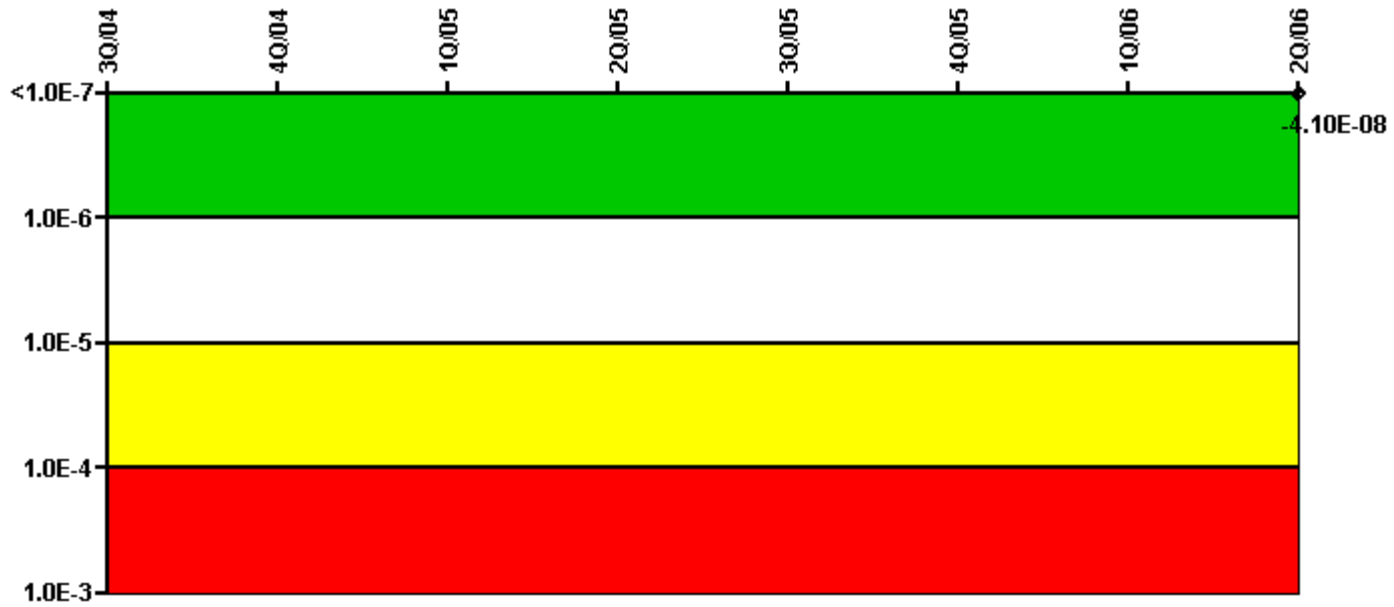
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Heat Removal System | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 |
|---|-------|-------|-------|-------|-------|-------|-------|-----------|
| UAI (ΔCDF) | | | | | | | | 8.40E-10 |
| URI (ΔCDF) | | | | | | | | -5.90E-08 |
| PLE | | | | | | | | NO |
| Indicator value | | | | | | | | -5.82E-08 |

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



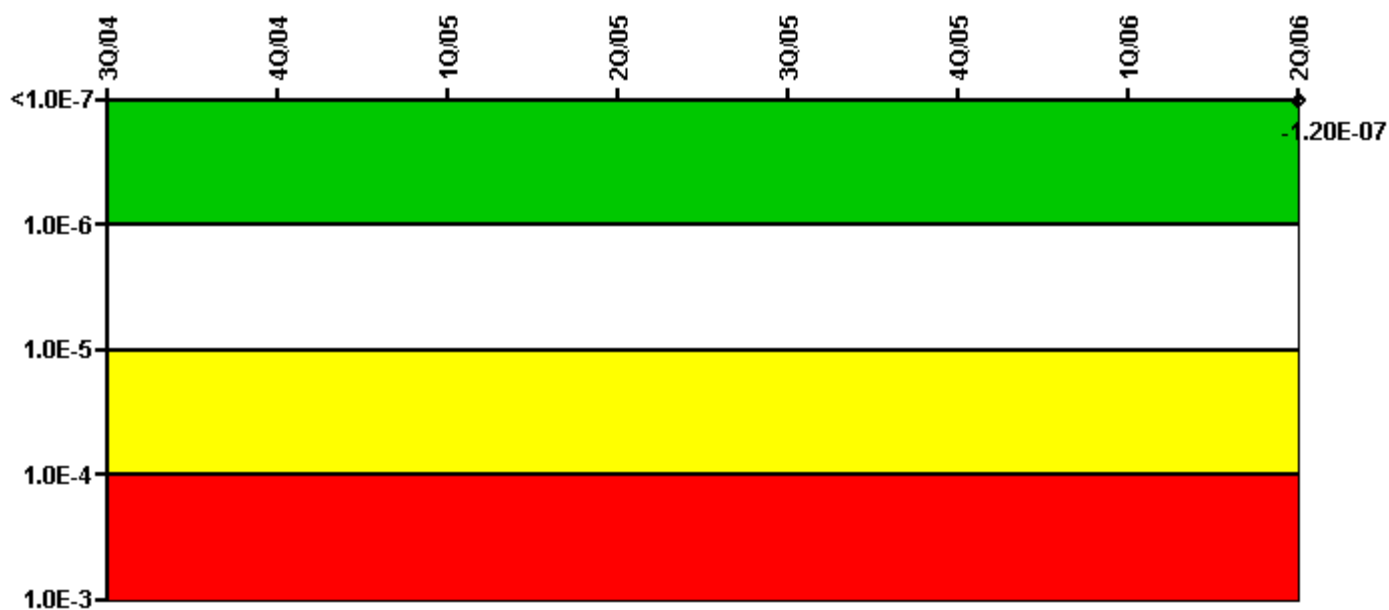
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 |
|--|-------|-------|-------|-------|-------|-------|-------|-----------|
| UAI (Δ CDF) | | | | | | | | -1.60E-08 |
| URI (Δ CDF) | | | | | | | | -2.50E-08 |
| PLE | | | | | | | | NO |
| Indicator value | | | | | | | | -4.10E-08 |

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



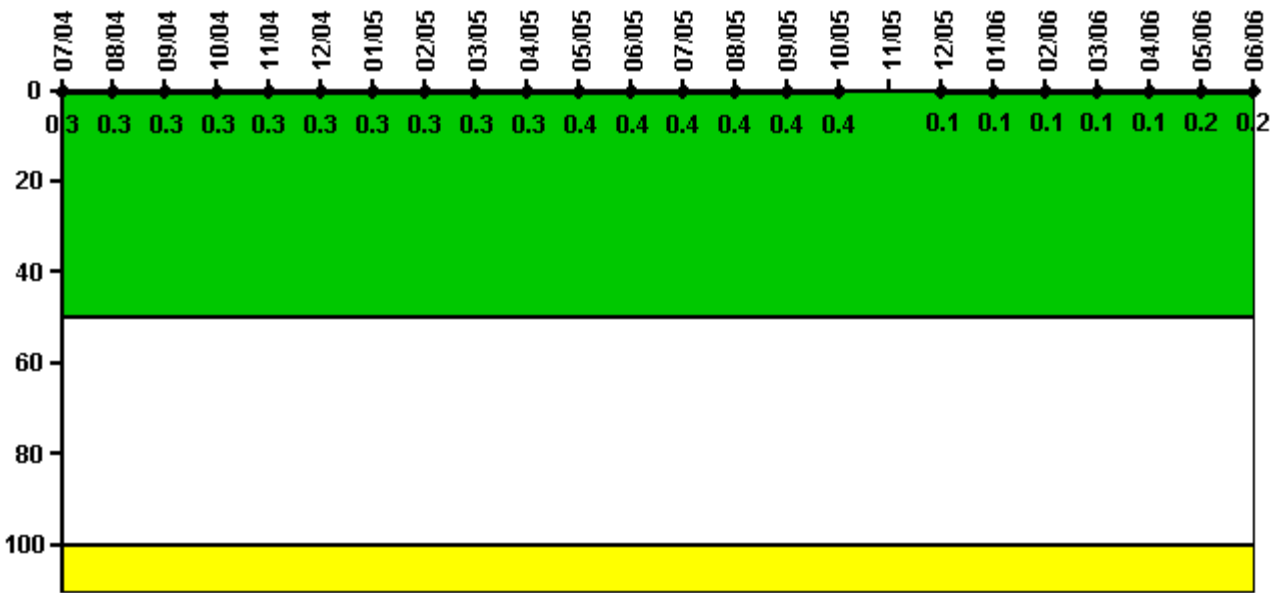
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 |
|---|-------|-------|-------|-------|-------|-------|-------|-----------|
| UAI (ΔCDF) | | | | | | | | 1.50E-07 |
| URI (ΔCDF) | | | | | | | | -2.70E-07 |
| PLE | | | | | | | | NO |
| Indicator value | | | | | | | | -1.20E-07 |

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

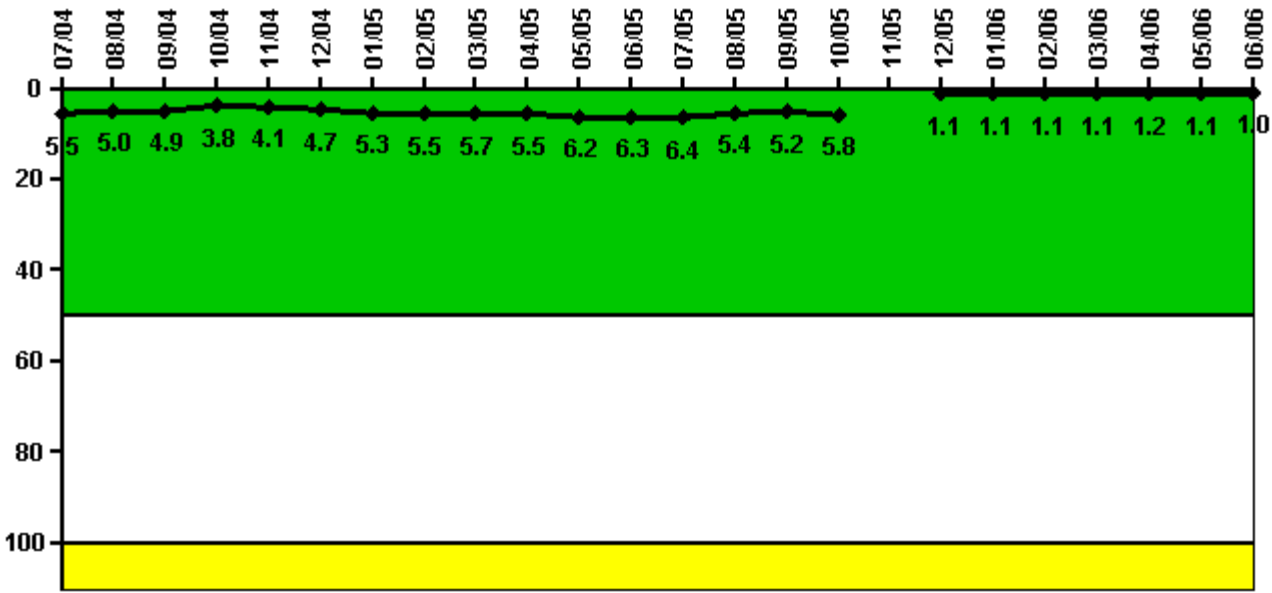
Notes

| Reactor Coolant System Activity | 7/04 | 8/04 | 9/04 | 10/04 | 11/04 | 12/04 | 1/05 | 2/05 | 3/05 | 4/05 | 5/05 | 6/05 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.002590 | 0.002710 | 0.002730 | 0.002930 | 0.003000 | 0.003200 | 0.003210 | 0.003180 | 0.003270 | 0.003350 | 0.003650 | 0.003970 |
| 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 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.4 | 0.4 |

| Reactor Coolant System Activity | 7/05 | 8/05 | 9/05 | 10/05 | 11/05 | 12/05 | 1/06 | 2/06 | 3/06 | 4/06 | 5/06 | 6/06 |
|---------------------------------|----------|----------|----------|----------|-------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.003950 | 0.004010 | 0.004010 | 0.003900 | N/A | 0.001080 | 0.001200 | 0.001220 | 0.001290 | 0.001320 | 0.001500 | 0.001670 |
| 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 | 0.4 | 0.4 | 0.4 | 0.4 | N/A | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 |

Licensee Comments: none

Reactor Coolant System Leakage



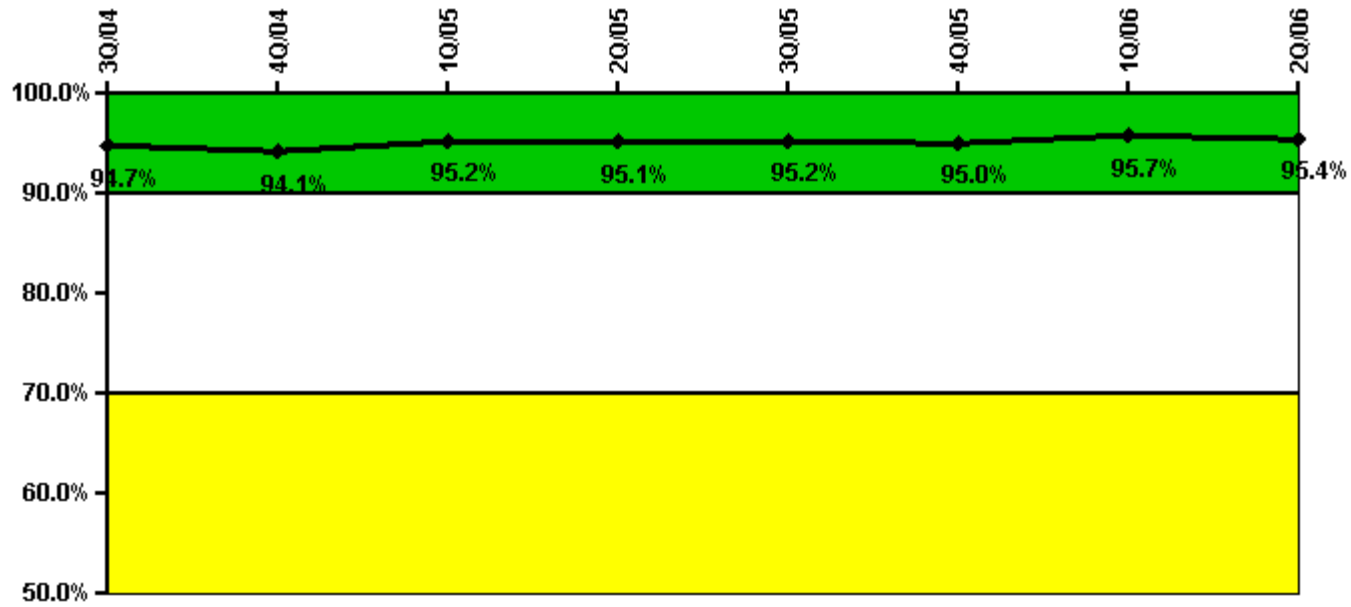
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Leakage | 7/04 | 8/04 | 9/04 | 10/04 | 11/04 | 12/04 | 1/05 | 2/05 | 3/05 | 4/05 | 5/05 | 6/05 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 0.550 | 0.500 | 0.490 | 0.380 | 0.410 | 0.470 | 0.530 | 0.550 | 0.570 | 0.550 | 0.620 | 0.630 |
| 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 | 5.5 | 5.0 | 4.9 | 3.8 | 4.1 | 4.7 | 5.3 | 5.5 | 5.7 | 5.5 | 6.2 | 6.3 |
| Reactor Coolant System Leakage | 7/05 | 8/05 | 9/05 | 10/05 | 11/05 | 12/05 | 1/06 | 2/06 | 3/06 | 4/06 | 5/06 | 6/06 |
| Maximum leakage | 0.640 | 0.540 | 0.520 | 0.580 | N/A | 0.110 | 0.110 | 0.110 | 0.110 | 0.120 | 0.110 | 0.100 |
| 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 | 6.4 | 5.4 | 5.2 | 5.8 | N/A | 1.1 | 1.1 | 1.1 | 1.1 | 1.2 | 1.1 | 1.0 |

Licensee Comments: none

Drill/Exercise Performance



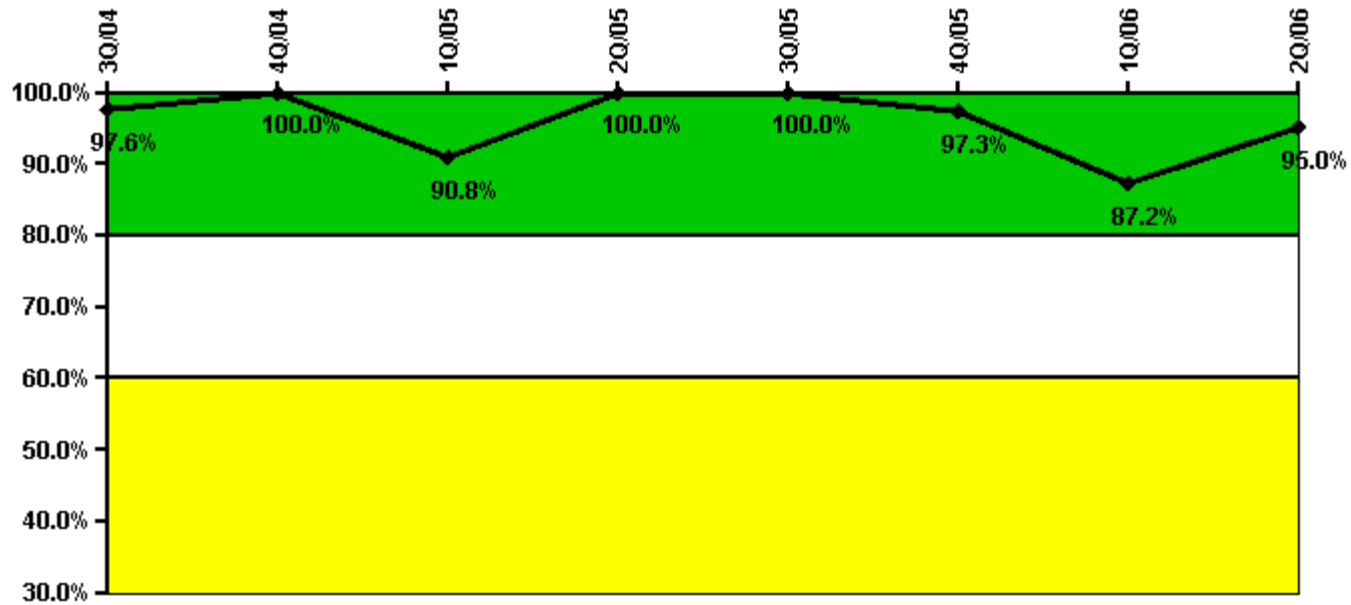
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 30.0 | 18.0 | 37.0 | 52.0 | 15.0 | 0 | 55.0 | 42.0 |
| Total opportunities | 32.0 | 18.0 | 37.0 | 53.0 | 16.0 | 0 | 61.0 | 44.0 |
| Indicator value | 94.7% | 94.1% | 95.2% | 95.1% | 95.2% | 95.0% | 95.7% | 95.4% |

Licensee Comments: none

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

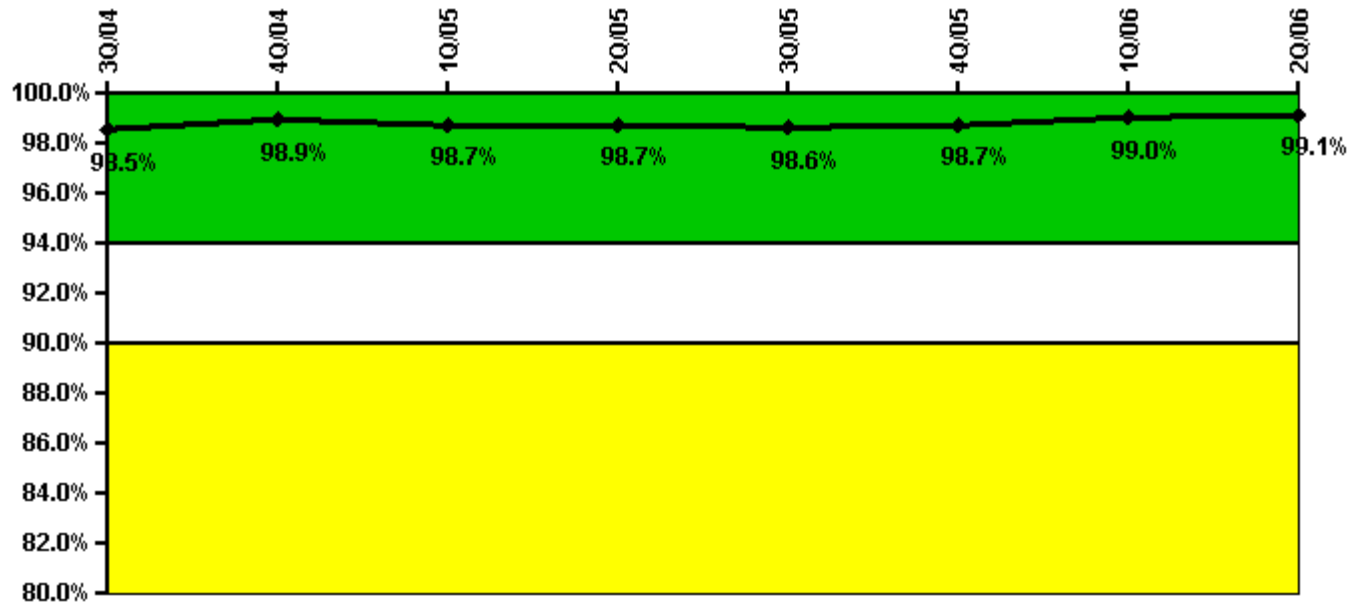
Notes

| ERO Drill Participation | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 |
|-----------------------------|-------|--------|-------|--------|--------|-------|-------|-------|
| Participating Key personnel | 81.0 | 67.0 | 69.0 | 78.0 | 78.0 | 71.0 | 68.0 | 76.0 |
| Total Key personnel | 83.0 | 67.0 | 76.0 | 78.0 | 78.0 | 73.0 | 78.0 | 80.0 |
| Indicator value | 97.6% | 100.0% | 90.8% | 100.0% | 100.0% | 97.3% | 87.2% | 95.0% |

Licensee Comments:

1Q/06: ERO Drill Participation 1Q2006 revised to reflect changes to ERO Key Functions resulting from internal review. Changes did not result in a threshold color change.

Alert & Notification System



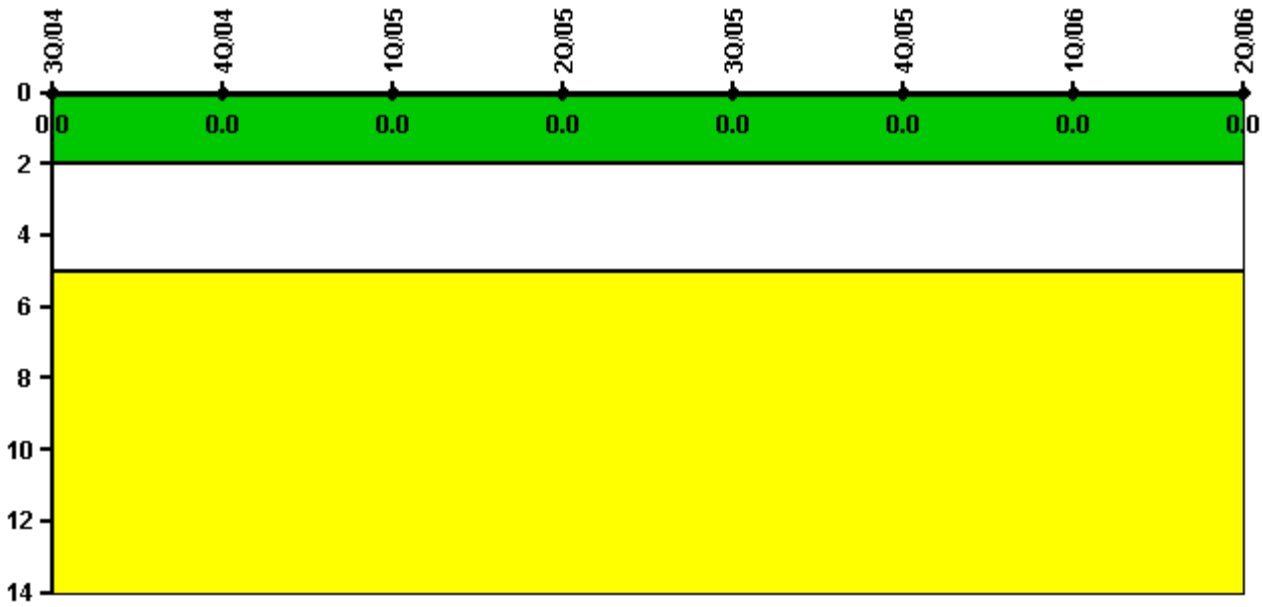
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 472 | 555 | 471 | 516 | 548 | 518 | 516 | 518 |
| Total sirens-tests | 480 | 560 | 480 | 520 | 560 | 520 | 520 | 520 |
| Indicator value | 98.5% | 98.9% | 98.7% | 98.7% | 98.6% | 98.7% | 99.0% | 99.1% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 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: August 2, 2006