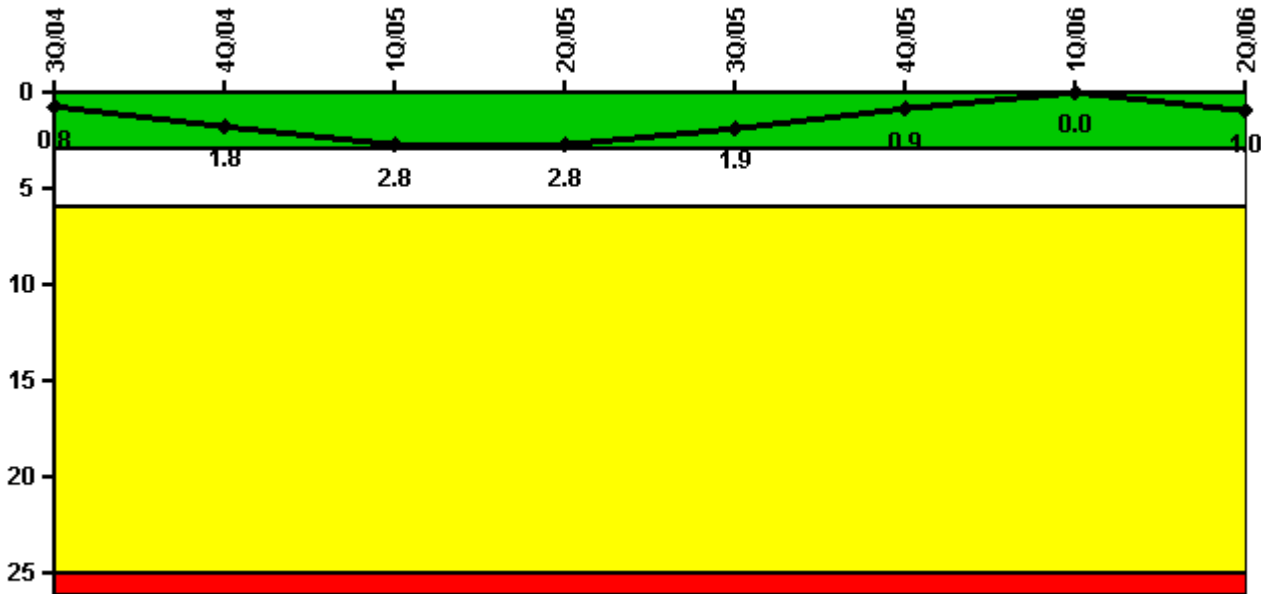


Fermi 2

2Q/2006 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



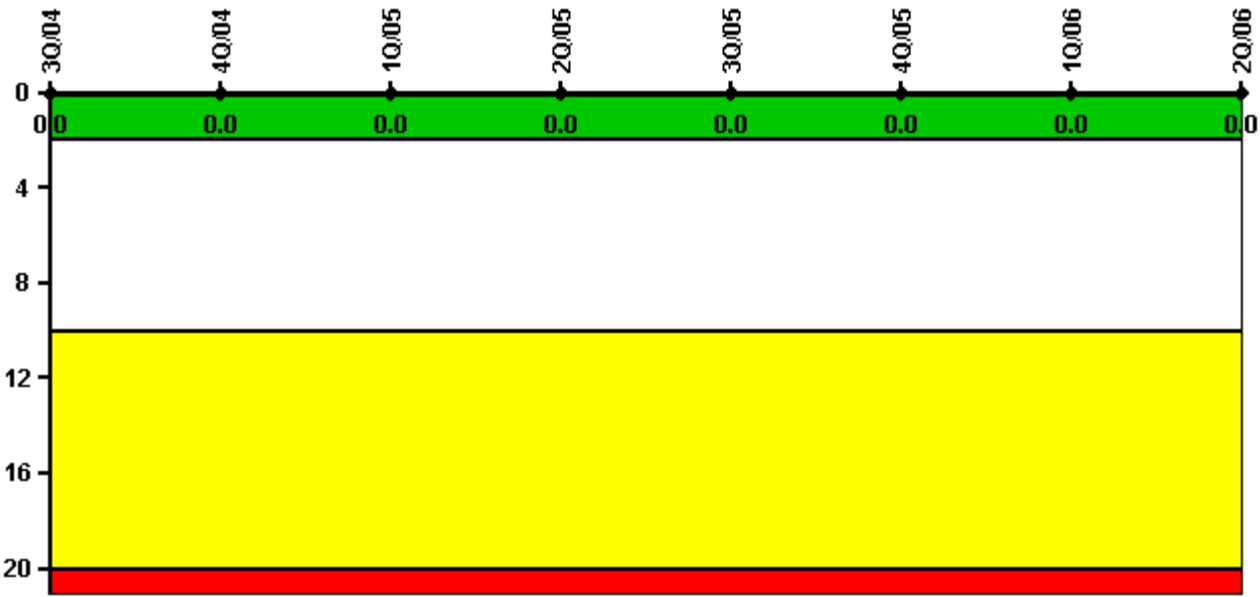
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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 | 1.0 | 1.0 | 0 | 0 | 0 | 0 | 1.0 |
| Critical hours | 1979.5 | 1558.7 | 1884.3 | 2065.8 | 1873.7 | 2209.0 | 1997.3 | 1145.3 |
| Indicator value | 0.8 | 1.8 | 2.8 | 2.8 | 1.9 | 0.9 | 0 | 1.0 |

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



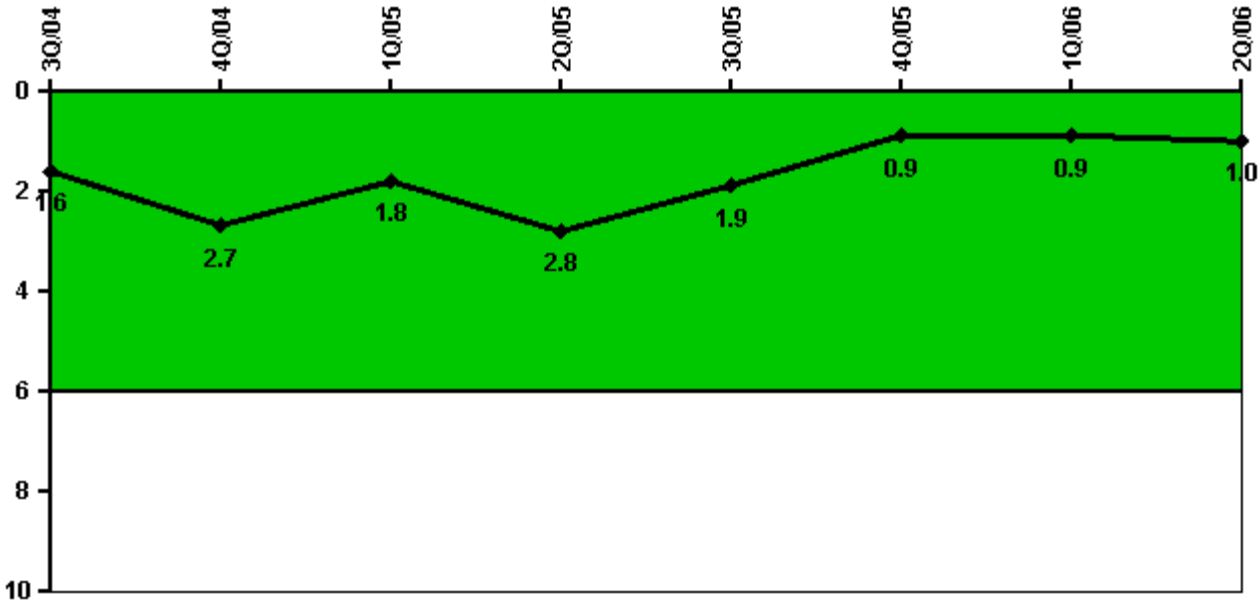
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

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 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



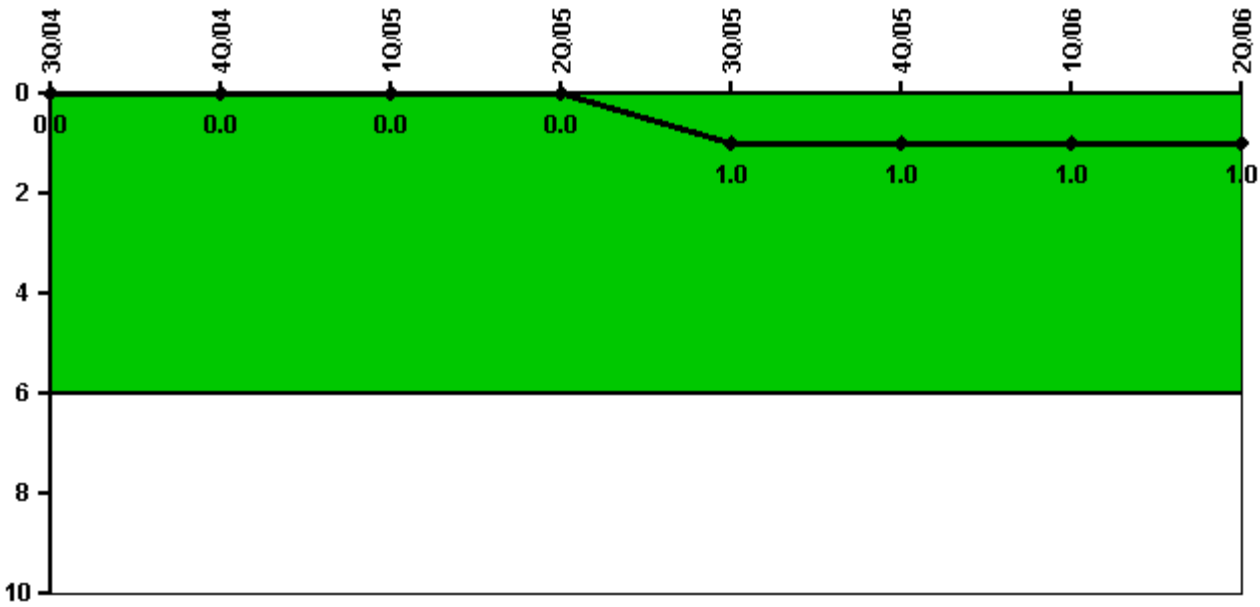
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes | 1.0 | 1.0 | 0 | 1.0 | 0 | 0 | 0 | 1.0 |
| Critical hours | 1979.5 | 1558.7 | 1884.3 | 2065.8 | 1873.7 | 2209.0 | 1997.3 | 1145.3 |
| Indicator value | 1.6 | 2.7 | 1.8 | 2.8 | 1.9 | 0.9 | 0.9 | 1.0 |

Licensee Comments: none

Safety System Functional Failures (BWR)



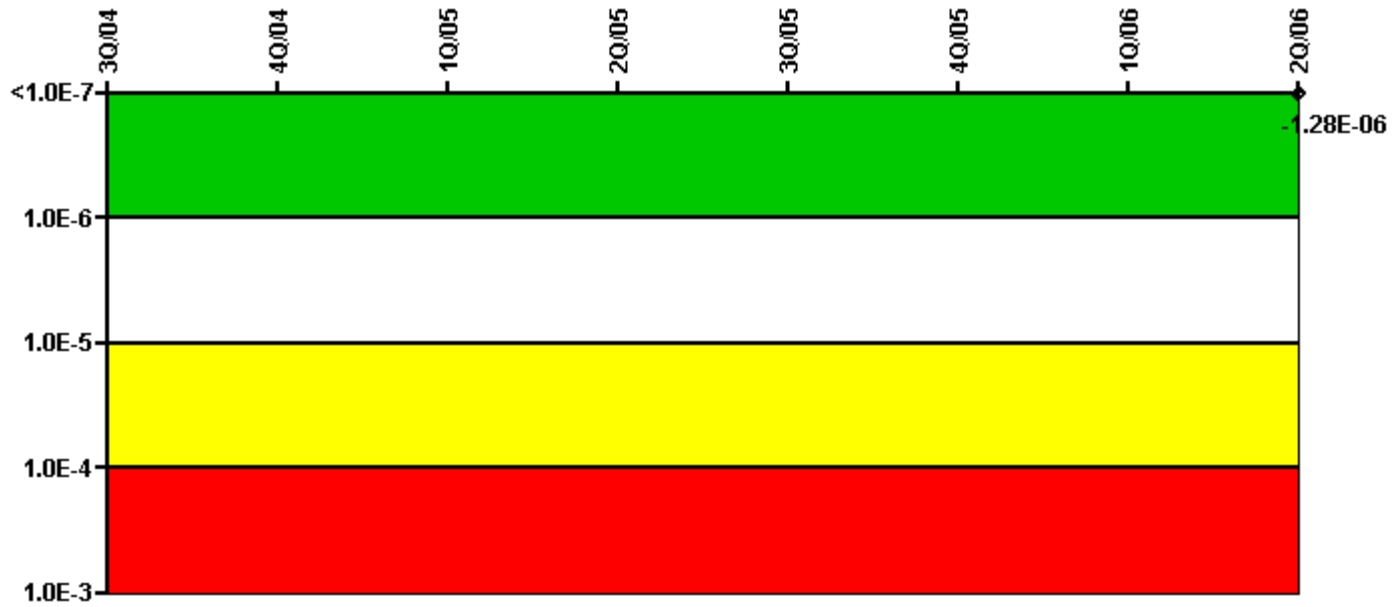
Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



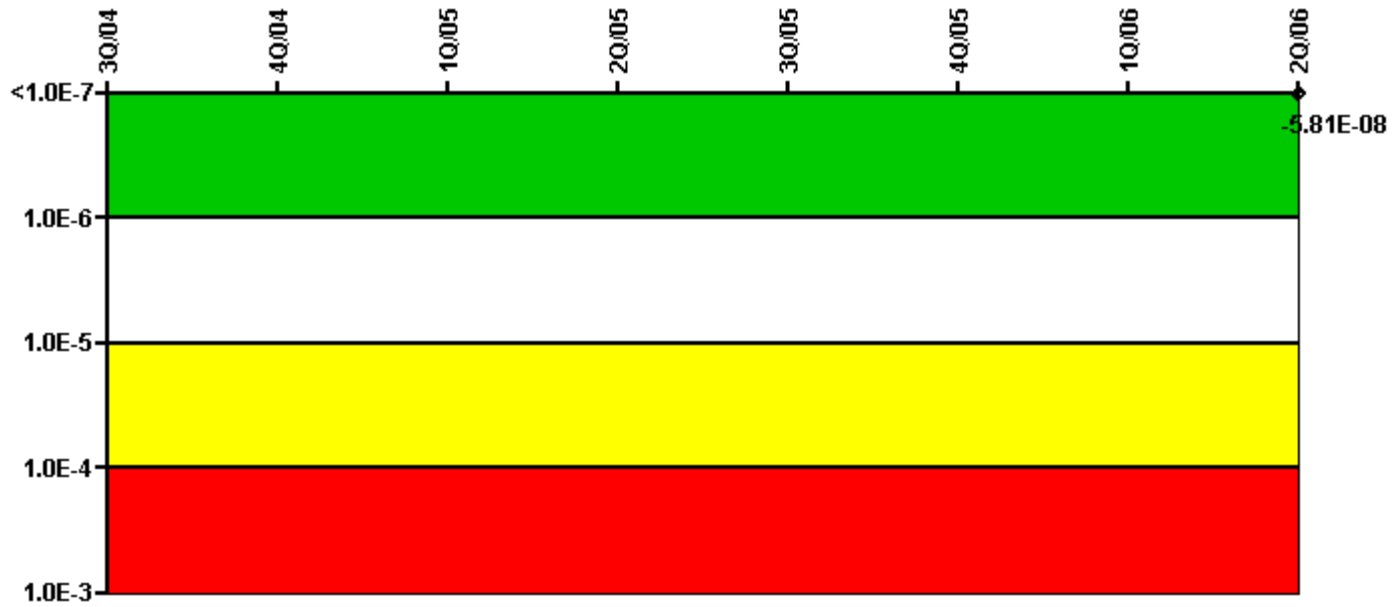
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 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) | | | | | | | | -1.30E-06 |
| PLE | | | | | | | | NO |
| Indicator value | | | | | | | | -1.28E-06 |

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



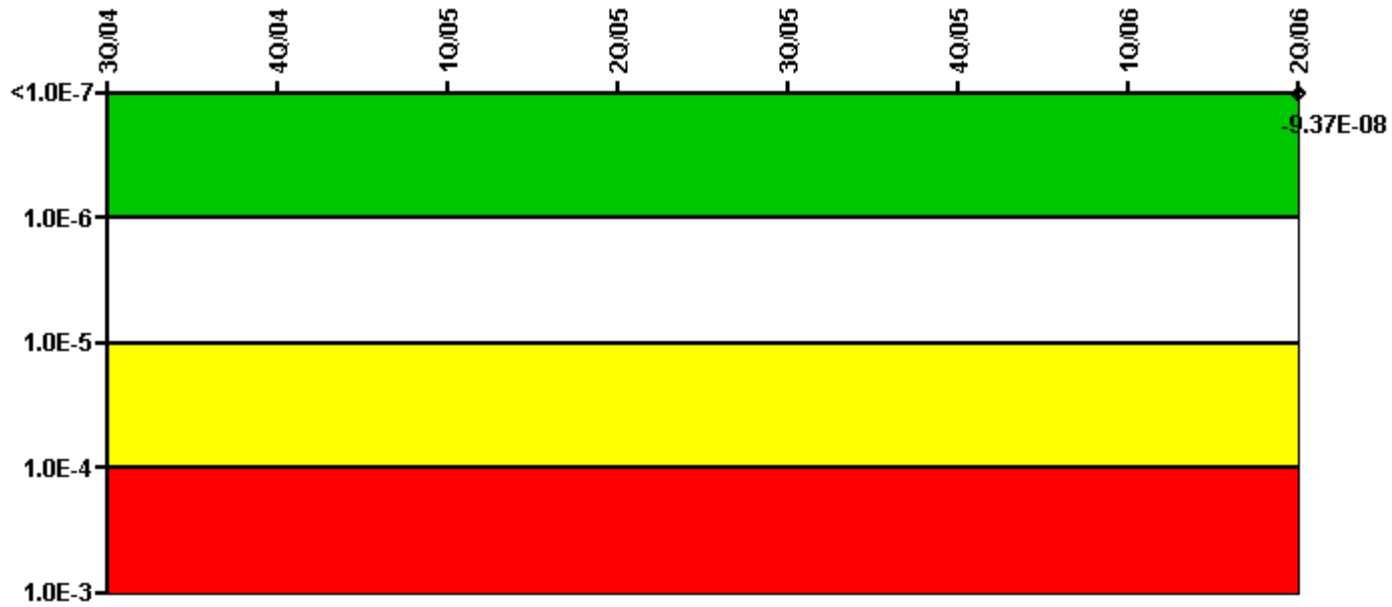
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

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) | | | | | | | | -7.10E-09 |
| URI (Δ CDF) | | | | | | | | -5.10E-08 |
| PLE | | | | | | | | NO |
| Indicator value | | | | | | | | -5.81E-08 |

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



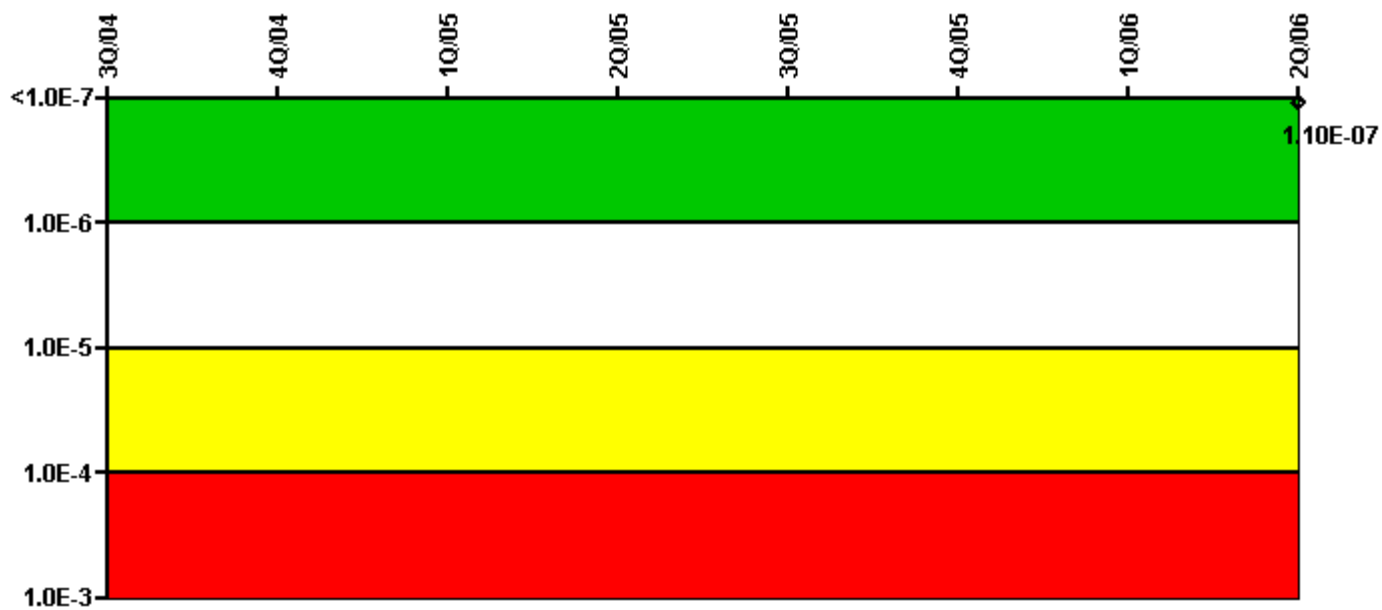
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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) | | | | | | | | -6.70E-09 |
| URI (ΔCDF) | | | | | | | | -8.70E-08 |
| PLE | | | | | | | | NO |
| Indicator value | | | | | | | | -9.37E-08 |

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



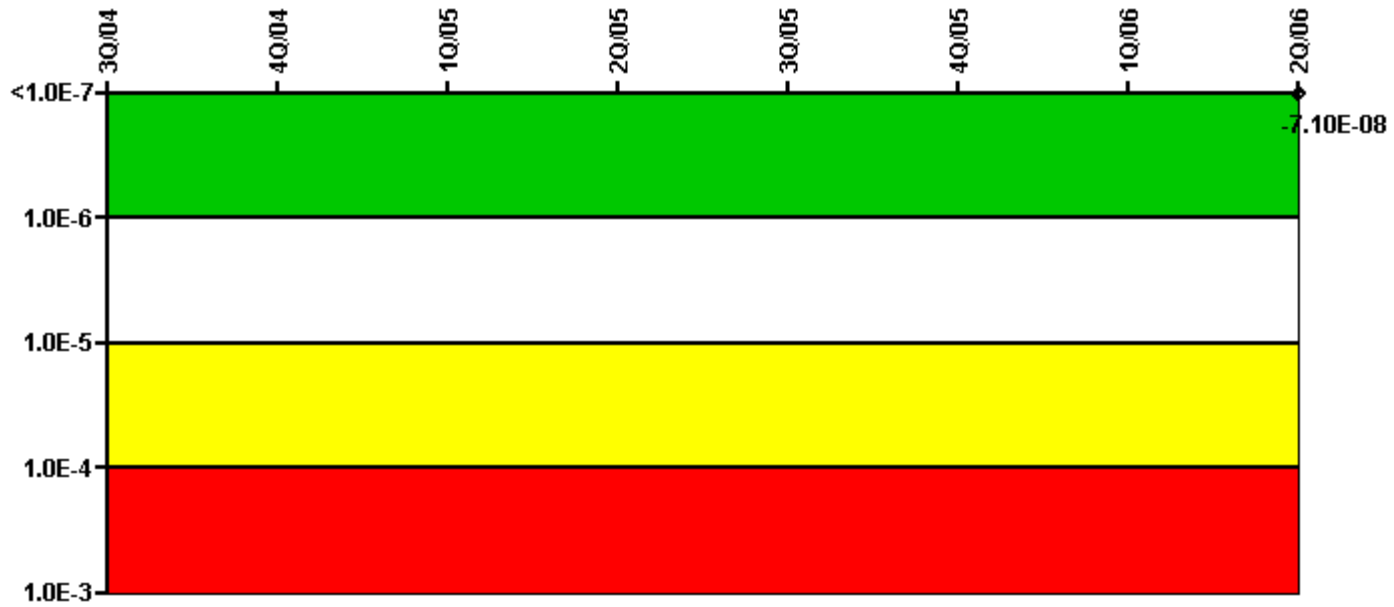
Thresholds: White $> 1.00E-6$ Yellow $> 1.00E-5$ Red $> 1.00E-4$

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) | | | | | | | | 2.30E-07 |
| URI (Δ CDF) | | | | | | | | -1.20E-07 |
| PLE | | | | | | | | NO |
| Indicator value | | | | | | | | 1.10E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



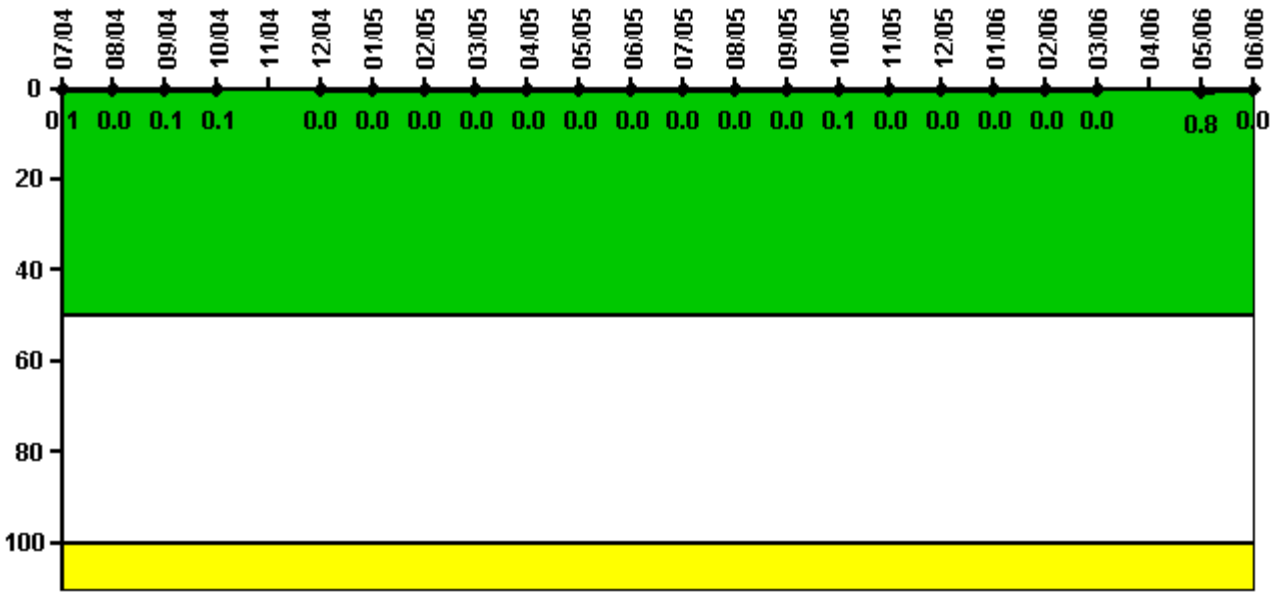
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 |
|---|-------|-------|-------|-------|-------|-------|-------|-----------|
| UAI (ΔCDF) | | | | | | | | 2.90E-08 |
| URI (ΔCDF) | | | | | | | | -1.00E-07 |
| PLE | | | | | | | | NO |
| Indicator value | | | | | | | | -7.10E-08 |

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

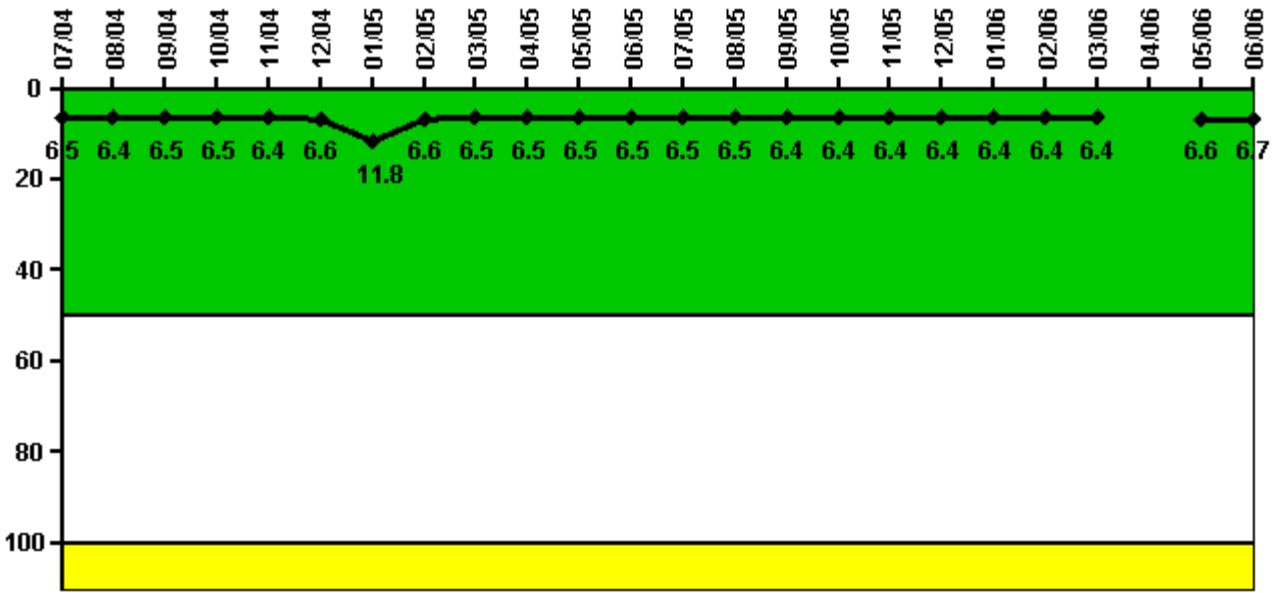
Notes

| 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 | 0.000107 | 0.000071 | 0.000120 | 0.000124 | N/A | 0.000058 | 0.000099 | 0.000062 | 0.000068 | 0.000091 | 0.000078 | 0.000072 |
| 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 | 0.1 | 0.1 | N/A | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| 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 | 0.000079 | 0.000074 | 0.000063 | 0.000100 | 0.000049 | 0.000053 | 0.000054 | 0.000043 | 0.000084 | N/A | 0.001650 | 0.000040 |
| 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 | 0 | 0 | 0.1 | 0 | 0 | 0 | 0 | 0 | N/A | 0.8 | 0 |

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

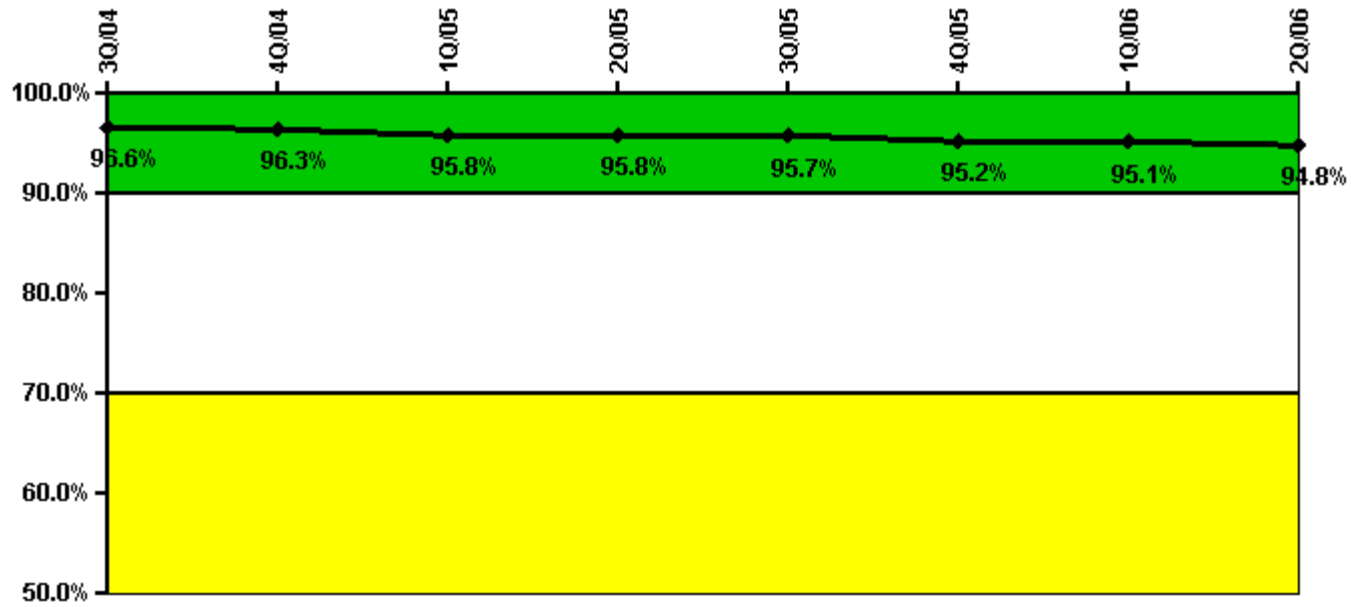
Notes

| 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 | 1.620 | 1.610 | 1.620 | 1.620 | 1.610 | 1.640 | 2.940 | 1.640 | 1.620 | 1.620 | 1.620 | 1.620 |
| 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 | 6.5 | 6.4 | 6.5 | 6.5 | 6.4 | 6.6 | 11.8 | 6.6 | 6.5 | 6.5 | 6.5 | 6.5 |

| 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 | 1.630 | 1.620 | 1.610 | 1.610 | 1.600 | 1.600 | 1.600 | 1.600 | 1.610 | N/A | 1.660 | 1.670 |
| 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 | 6.5 | 6.5 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | N/A | 6.6 | 6.7 |

Licensee Comments: none

Drill/Exercise Performance



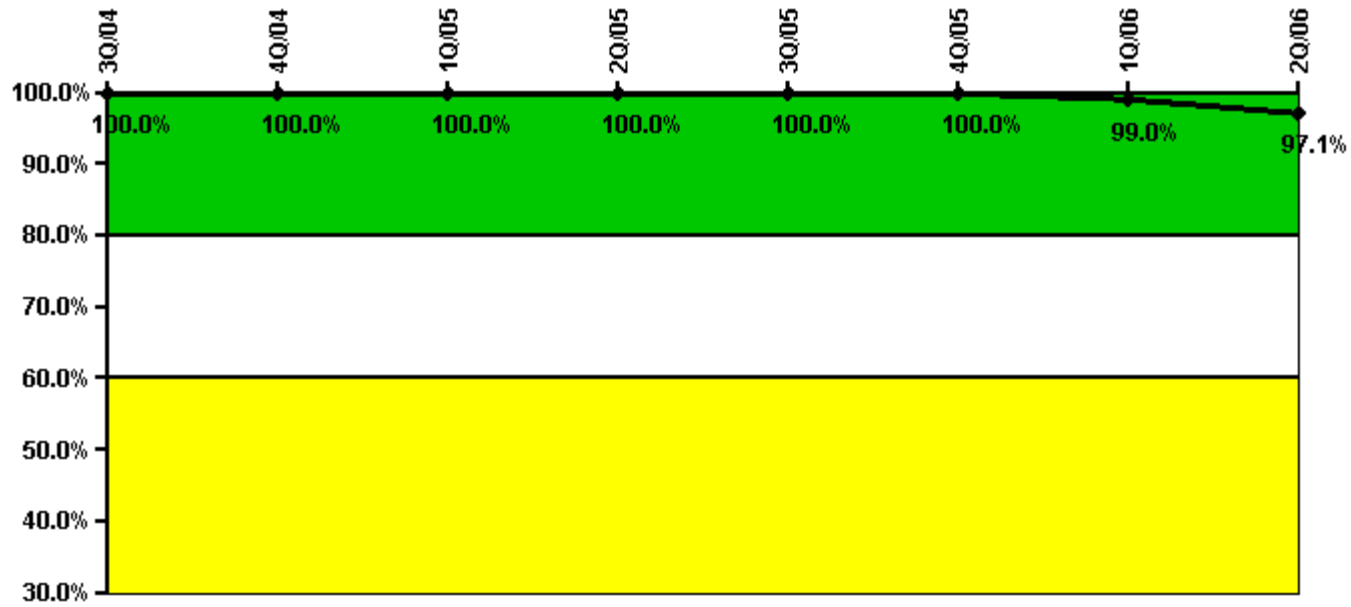
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 15.0 | 7.0 | 34.0 | 28.0 | 56.0 | 30.0 | 11.0 | 37.0 |
| Total opportunities | 16.0 | 8.0 | 36.0 | 28.0 | 59.0 | 33.0 | 12.0 | 38.0 |
| Indicator value | 96.6% | 96.3% | 95.8% | 95.8% | 95.7% | 95.2% | 95.1% | 94.8% |

Licensee Comments: none

ERO Drill Participation



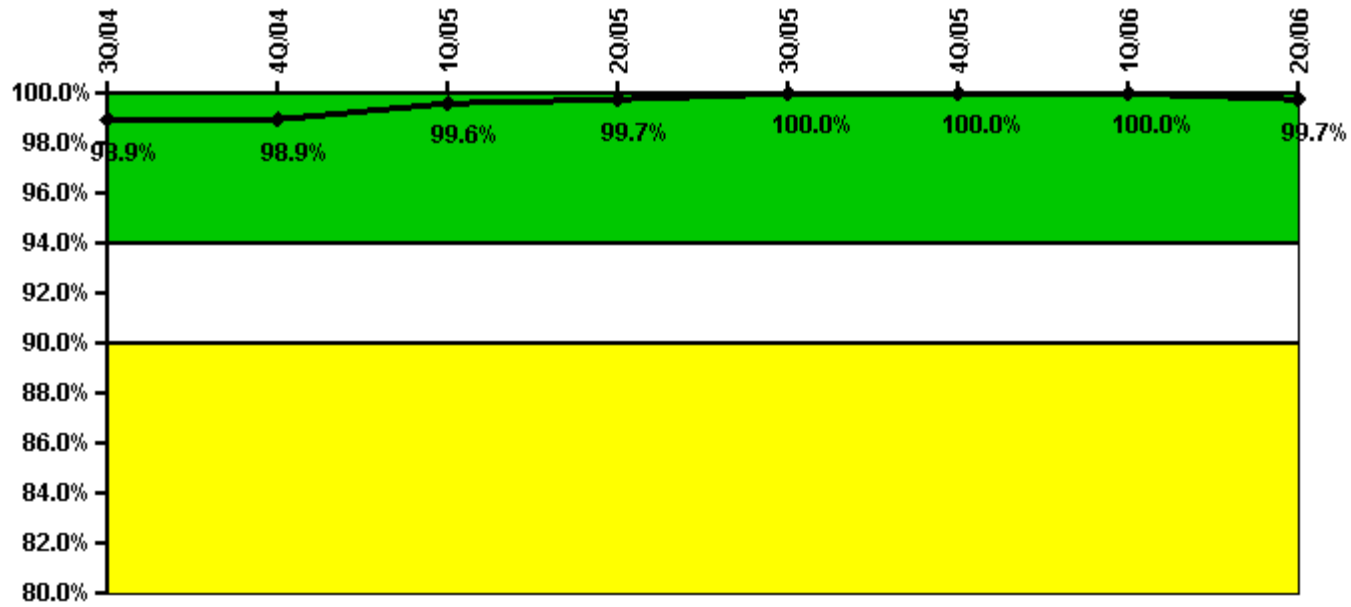
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 |
|-----------------------------|--------|--------|--------|--------|--------|--------|-------|-------|
| Participating Key personnel | 82.0 | 91.0 | 103.0 | 105.0 | 107.0 | 105.0 | 102.0 | 102.0 |
| Total Key personnel | 82.0 | 91.0 | 103.0 | 105.0 | 107.0 | 105.0 | 103.0 | 105.0 |
| Indicator value | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 99.0% | 97.1% |

Licensee Comments: none

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 | 184 | 186 | 186 | 186 | 186 | 186 | 186 | 184 |
| Total sirens-tests | 186 | 186 | 186 | 186 | 186 | 186 | 186 | 186 |
| Indicator value | 98.9% | 98.9% | 99.6% | 99.7% | 100.0% | 100.0% | 100.0% | 99.7% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



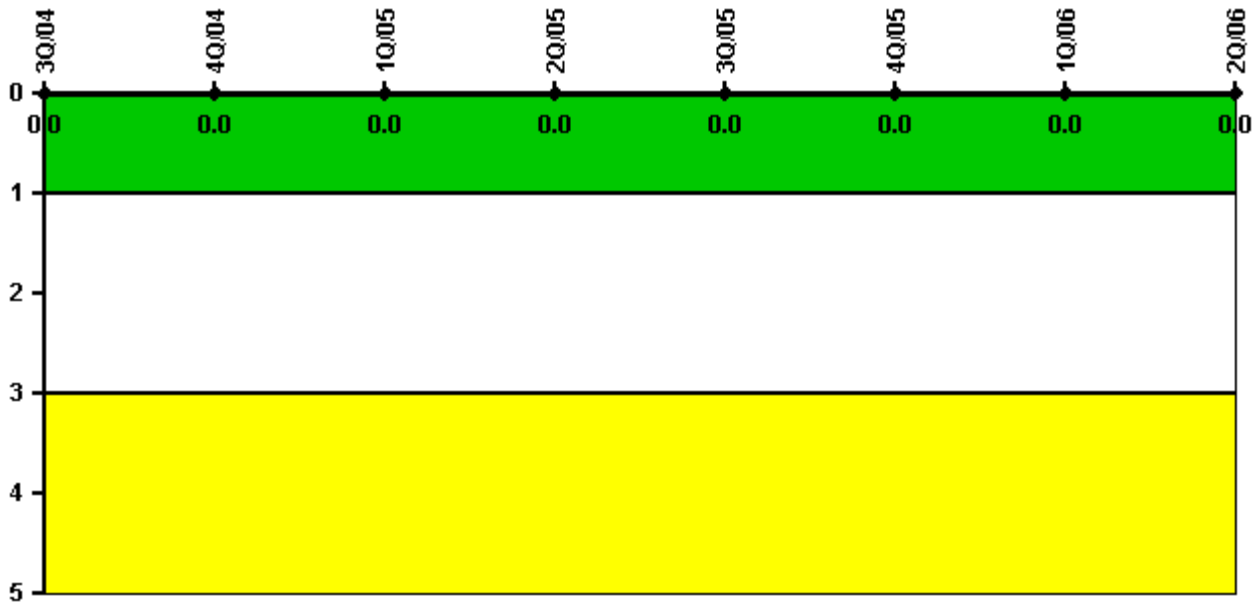
Thresholds: White > 2.0 Yellow > 5.0

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