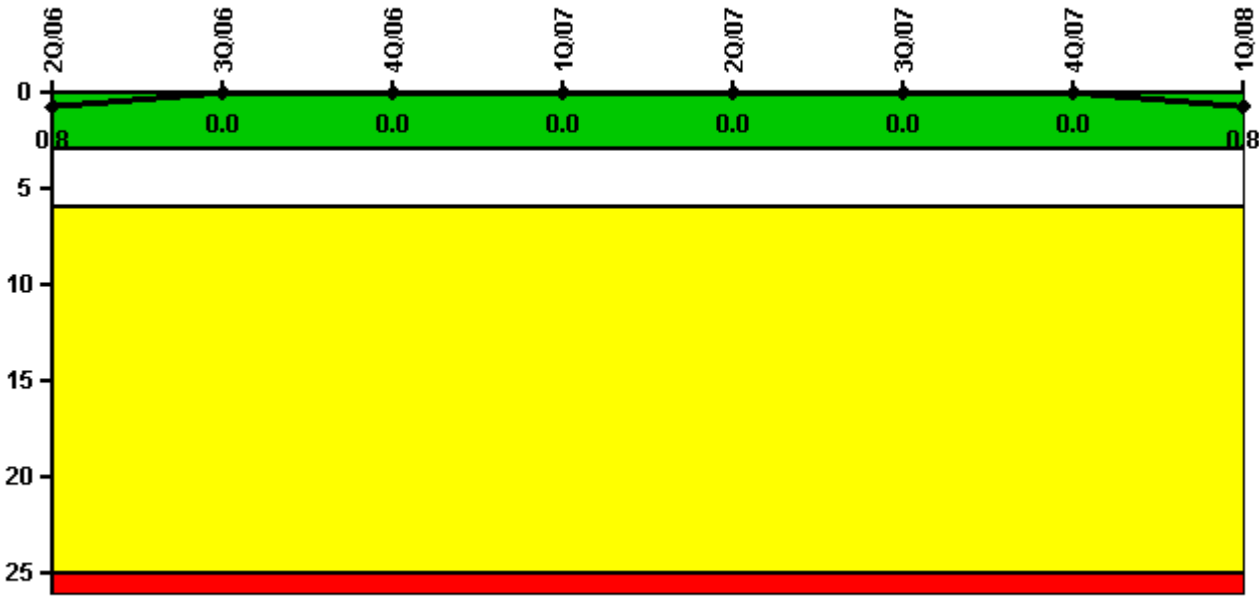


Limerick 1

1Q/2008 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



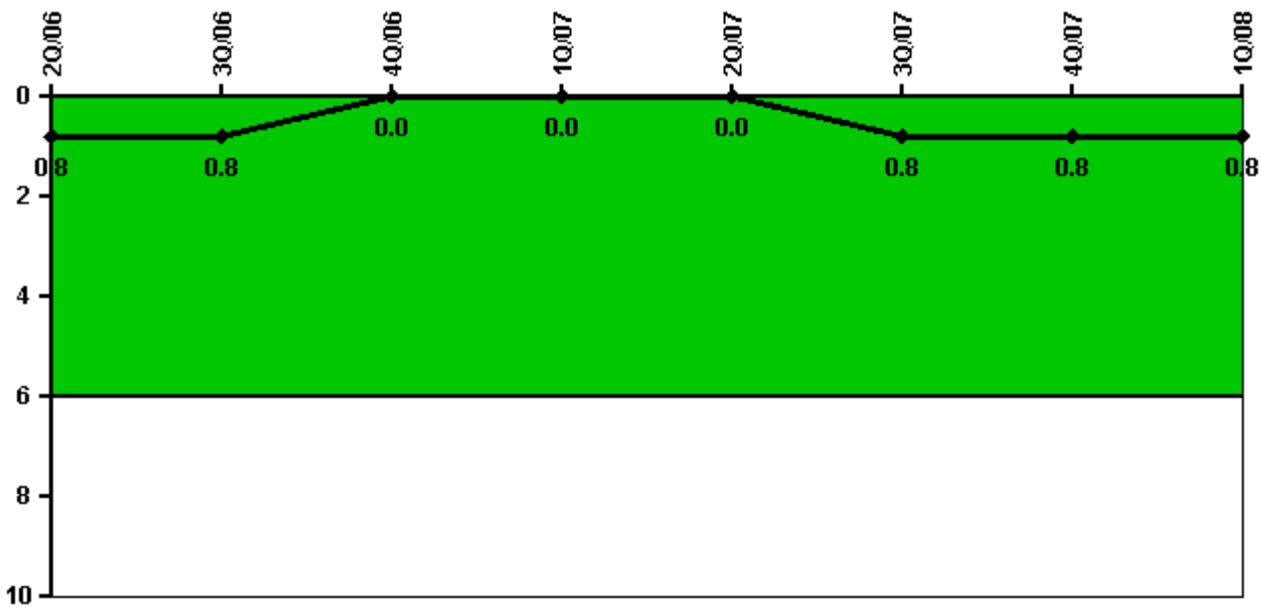
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.0 |
| Critical hours | 2134.0 | 2208.0 | 2209.0 | 2159.0 | 2184.0 | 2208.0 | 2209.0 | 1693.6 |
| Indicator value | 0.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0.8 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



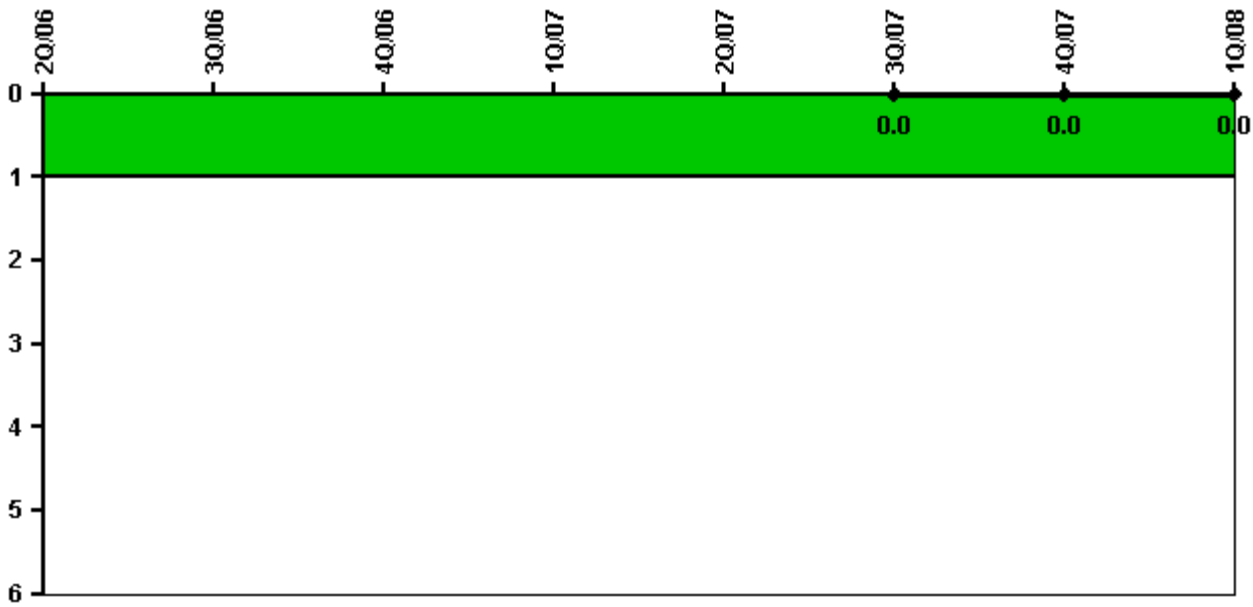
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes | 0 | 0 | 0 | 0 | 0 | 1.0 | 0 | 0 |
| Critical hours | 2134.0 | 2208.0 | 2209.0 | 2159.0 | 2184.0 | 2208.0 | 2209.0 | 1693.6 |
| Indicator value | 0.8 | 0.8 | 0 | 0 | 0 | 0.8 | 0.8 | 0.8 |

Licensee Comments: none

Unplanned Scrams with Complications



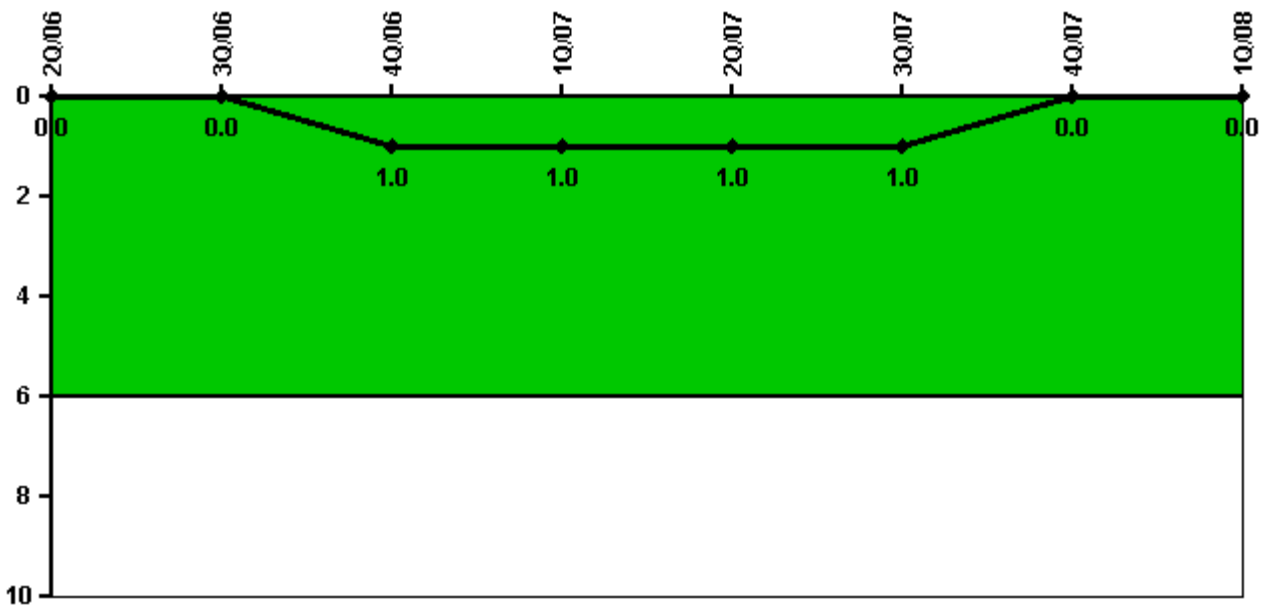
Thresholds: White > 1.0

Notes

| Unplanned Scrams with Complications | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 |
|-------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams with complications | | | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | |
| | | | | | | | | |
| Indicator value | | | | | | 0.0 | 0.0 | 0.0 |

Licensee Comments: none

Safety System Functional Failures (BWR)



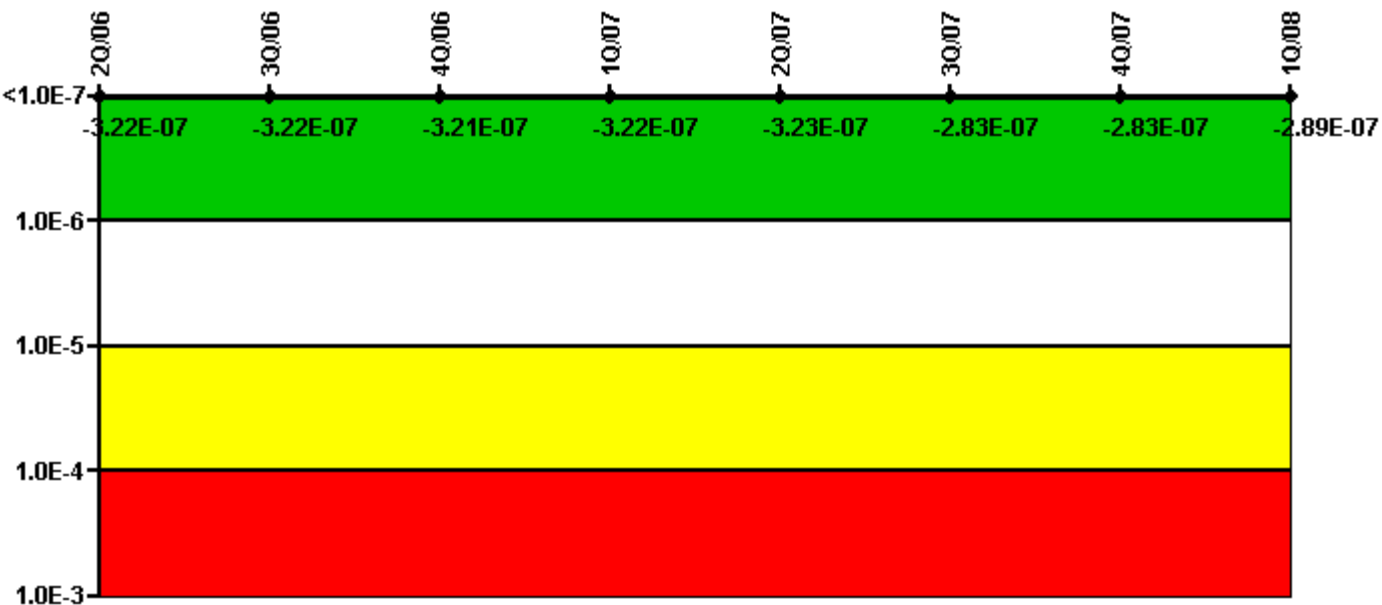
Thresholds: White > 6.0

Notes

| Safety System Functional Failures (BWR) | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 |

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



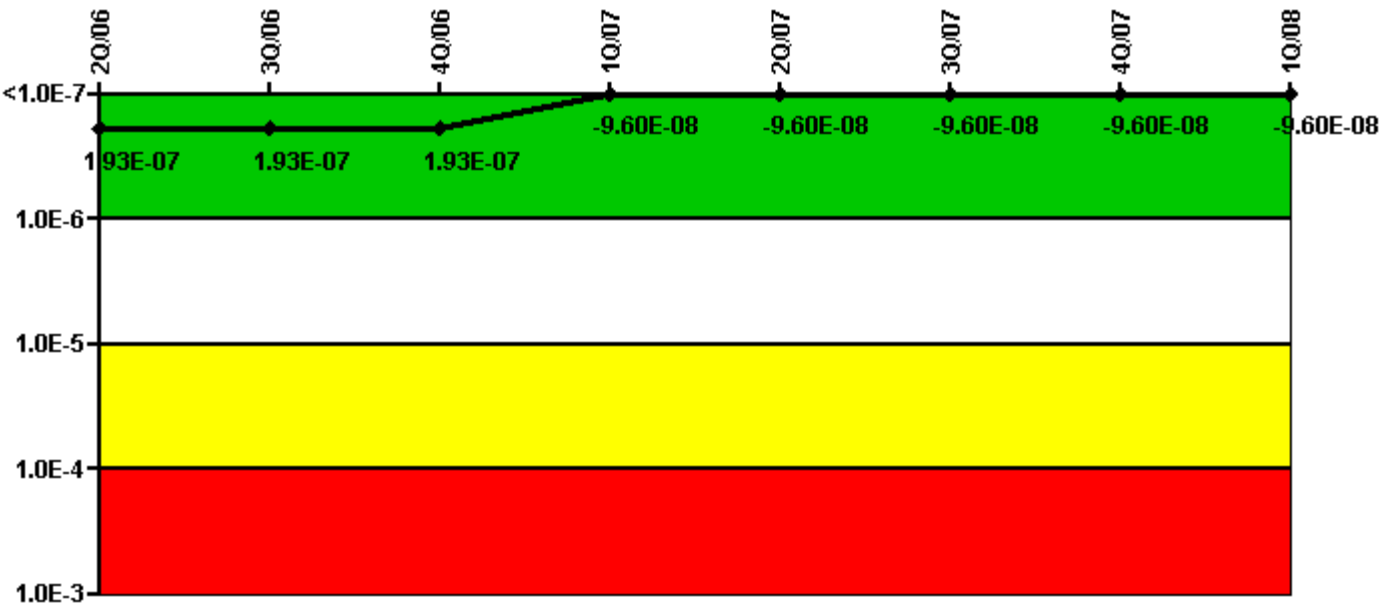
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (ΔCDF) | -2.30E-09 | -1.50E-09 | -1.10E-09 | -2.00E-09 | -2.60E-09 | -2.60E-09 | -2.50E-09 | -8.90E-09 |
| URI (ΔCDF) | -3.20E-07 | -3.20E-07 | -3.20E-07 | -3.20E-07 | -3.20E-07 | -2.80E-07 | -2.80E-07 | -2.80E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -3.22E-07 | -3.22E-07 | -3.21E-07 | -3.22E-07 | -3.23E-07 | -2.83E-07 | -2.83E-07 | -2.89E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



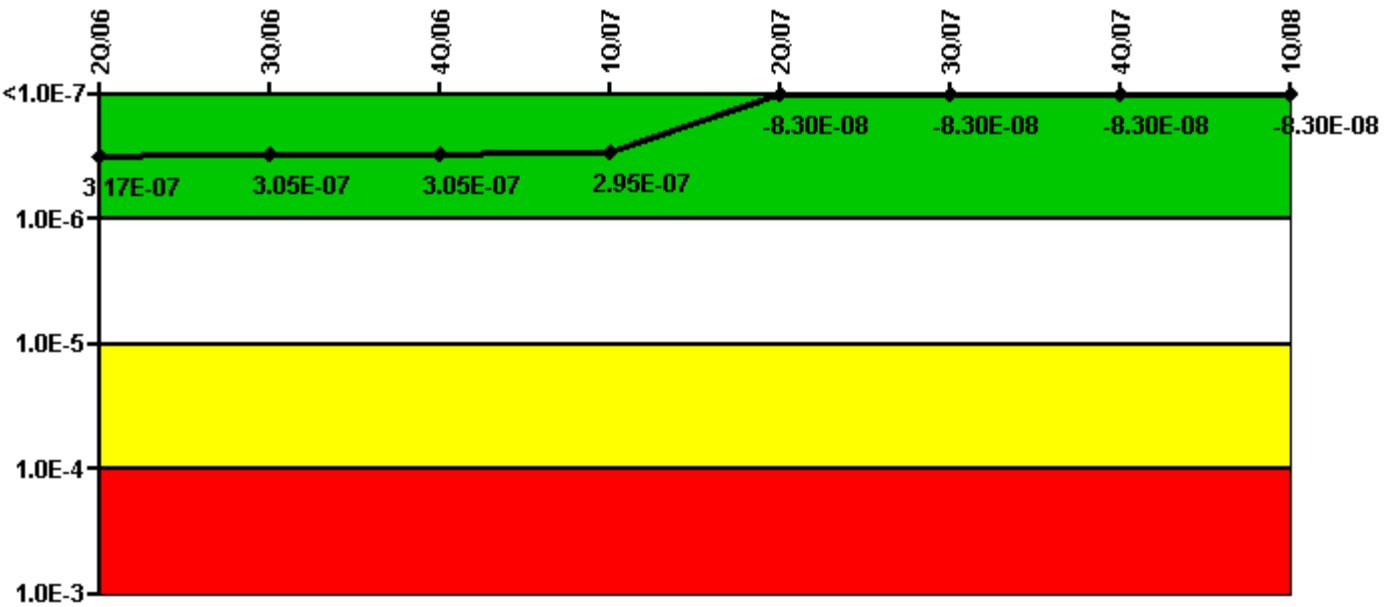
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -2.70E-08 | -2.70E-08 | -2.70E-08 | -4.40E-08 | -4.40E-08 | -4.40E-08 | -4.40E-08 | -4.40E-08 |
| URI (Δ CDF) | 2.20E-07 | 2.20E-07 | 2.20E-07 | -5.20E-08 | -5.20E-08 | -5.20E-08 | -5.20E-08 | -5.20E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 1.93E-07 | 1.93E-07 | 1.93E-07 | -9.60E-08 | -9.60E-08 | -9.60E-08 | -9.60E-08 | -9.60E-08 |

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



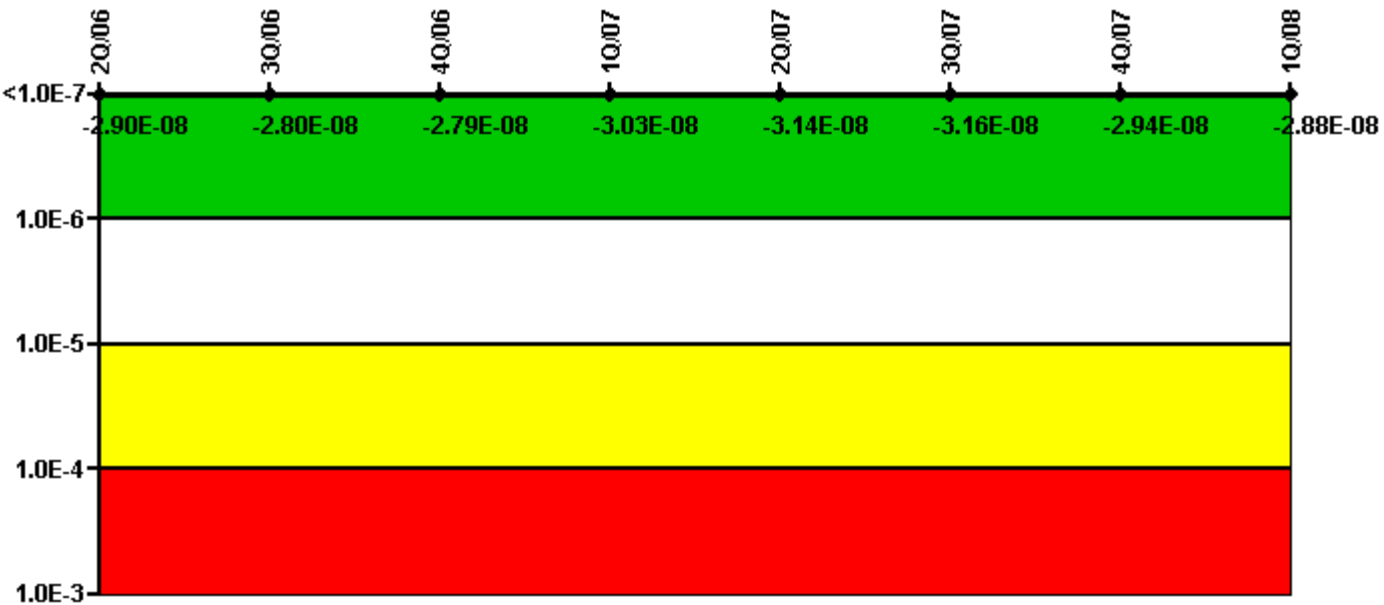
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Heat Removal System | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -3.30E-09 | -1.50E-08 | -1.50E-08 | -2.50E-08 | -3.60E-08 | -3.60E-08 | -3.60E-08 | -3.60E-08 |
| URI (Δ CDF) | 3.20E-07 | 3.20E-07 | 3.20E-07 | 3.20E-07 | -4.70E-08 | -4.70E-08 | -4.70E-08 | -4.70E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 3.17E-07 | 3.05E-07 | 3.05E-07 | 2.95E-07 | -8.30E-08 | -8.30E-08 | -8.30E-08 | -8.30E-08 |

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



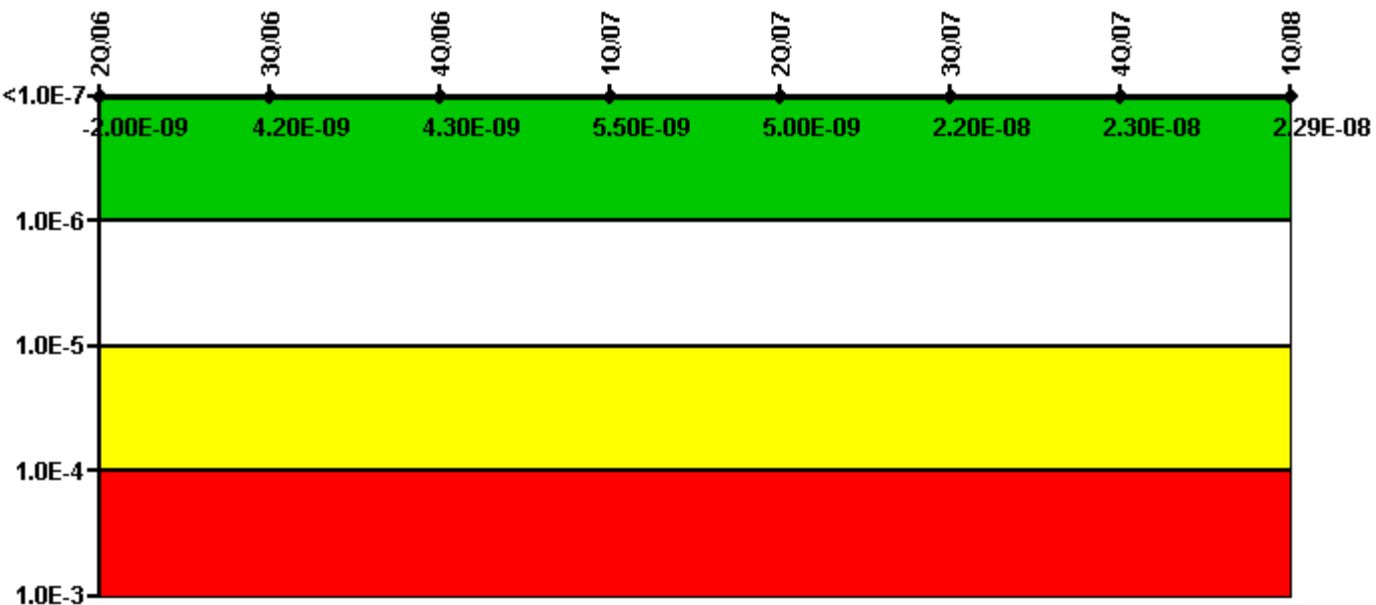
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 7.00E-09 | 8.00E-09 | 8.10E-09 | 1.70E-09 | 1.60E-09 | 2.40E-09 | 5.60E-09 | 6.20E-09 |
| URI (Δ CDF) | -3.60E-08 | -3.60E-08 | -3.60E-08 | -3.20E-08 | -3.30E-08 | -3.40E-08 | -3.50E-08 | -3.50E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -2.90E-08 | -2.80E-08 | -2.79E-08 | -3.03E-08 | -3.14E-08 | -3.16E-08 | -2.94E-08 | -2.88E-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

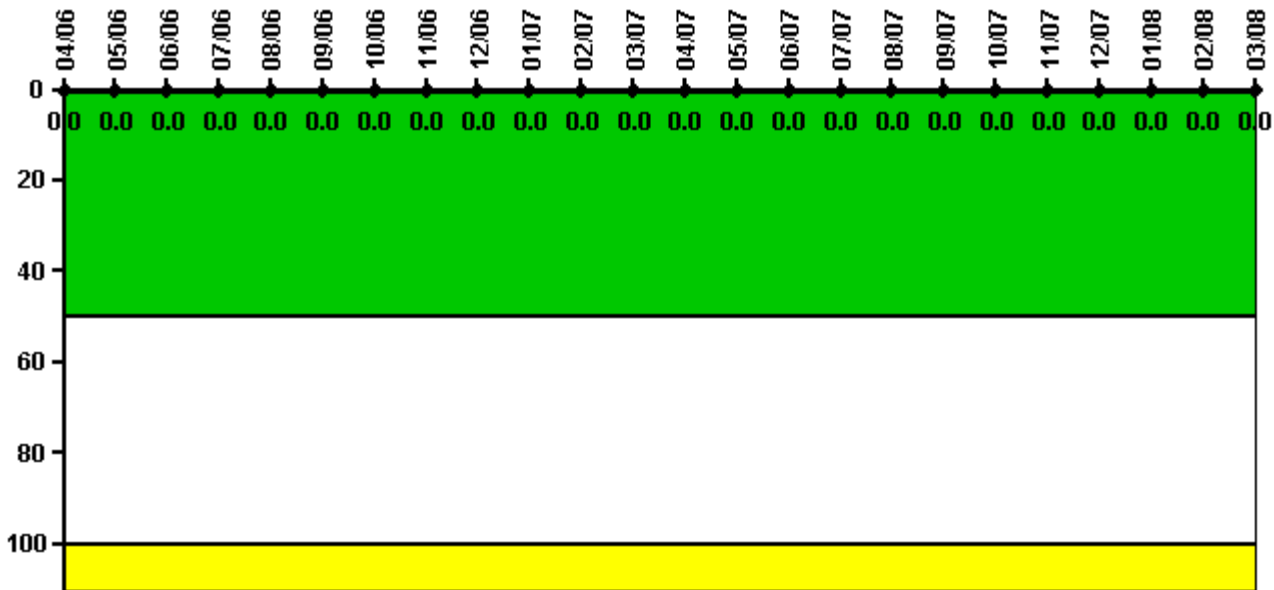
| Mitigating Systems Performance Index, Cooling Water Systems | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (ΔCDF) | 1.10E-09 | 7.30E-09 | 7.40E-09 | 8.50E-09 | 7.90E-09 | 2.50E-08 | 2.60E-08 | 2.60E-08 |
| URI (ΔCDF) | -3.10E-09 | -3.10E-09 | -3.10E-09 | -3.00E-09 | -2.90E-09 | -3.00E-09 | -3.00E-09 | -3.10E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -2.00E-09 | 4.20E-09 | 4.30E-09 | 5.50E-09 | 5.00E-09 | 2.20E-08 | 2.30E-08 | 2.29E-08 |

Licensee Comments:

3Q/07: 4/18/2008- July 2007- RHRSW "C" Pump - Planned unavailability hours changed from "37.10" to "39.58" hrs due to errors identified in clearance documentation. No color impact.

2Q/06: 4/18/2008- January 2006 data for RHRSW "C" Spray Network - Planned unavailability hours changed from "33.18" to "34.72" due to correction of errors in clearance documentation. No color impact....Demand and Run hours were changed to address corrections and clarifications discovered during the NRC TI inspection and internal data reviews during the 4Q06. No PRA FV-factors or CDF values, color change, or significant change to MSPI UAI or URI resulted from this correction. An FAQ will be submitted during 2Q07 to describe the details of this change.

Reactor Coolant System Activity



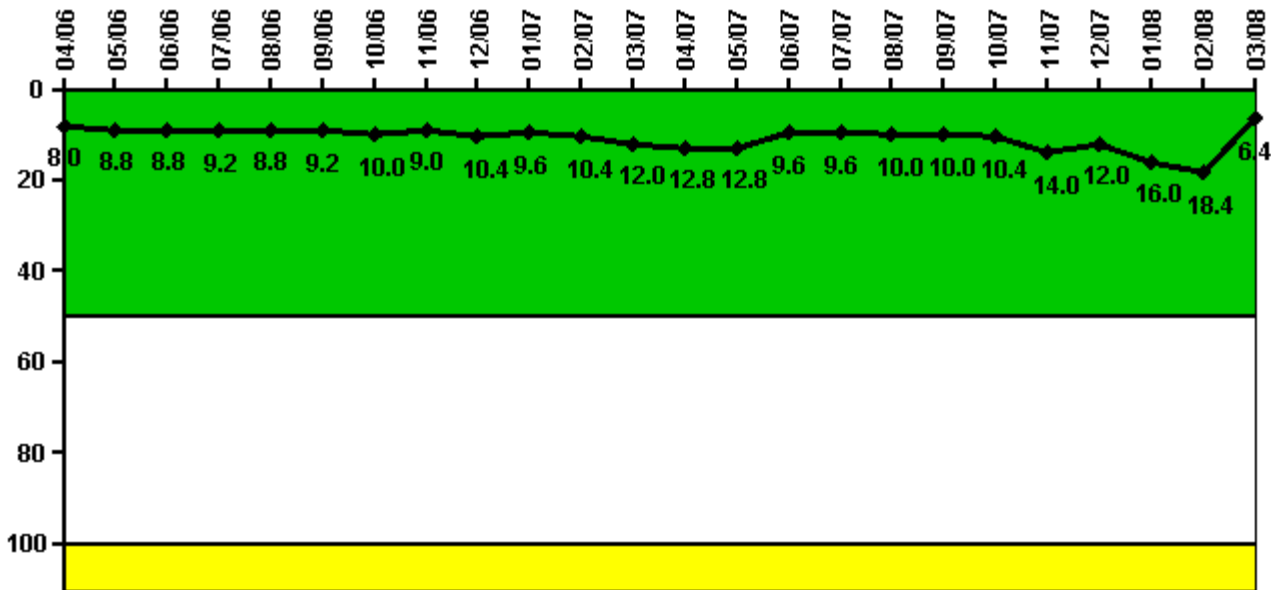
Thresholds: White > 50.0 Yellow > 100.0

Notes

| 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 | 0.000009 | 0.000005 | 0.000004 | 0.000004 | 0.000004 | 0.000006 | 0.000005 | 0.000003 | 0.000059 | 0.000003 | 0.000003 | 0.000003 |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 | 0.000003 | 0.000004 | 0.000004 | 0.000005 | 0.000003 | 0.000003 | 0.000004 | 0.000003 | 0.000003 | 0.000004 | 0.000004 | 0.000002 |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

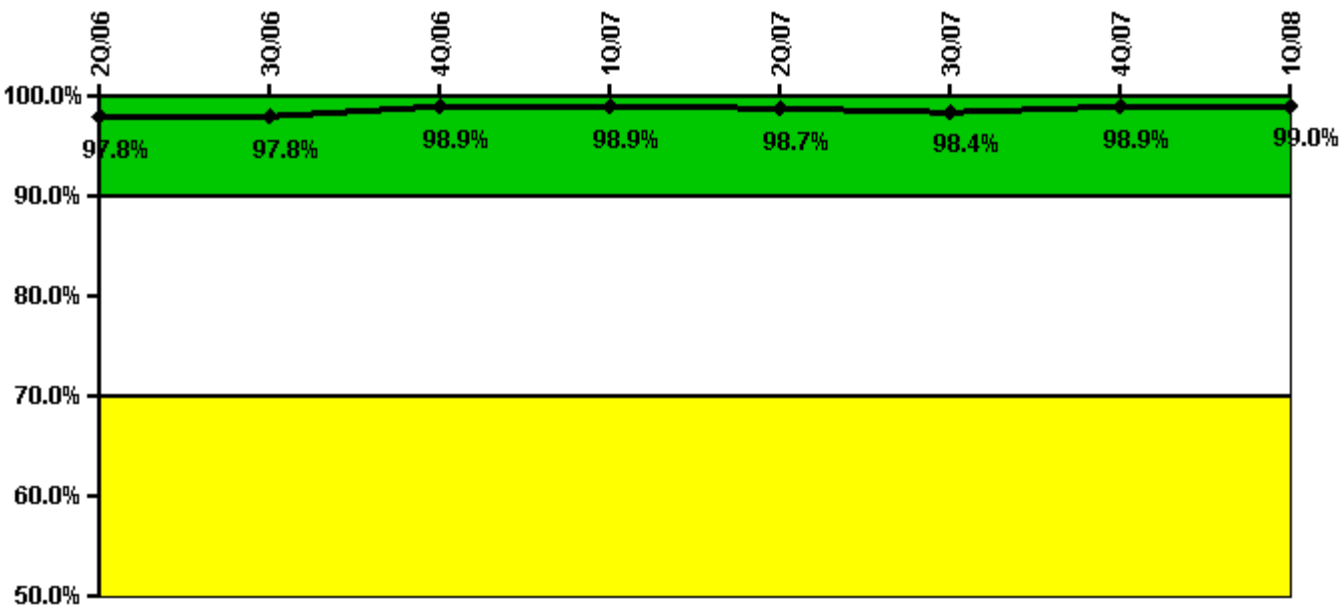
Notes

| Reactor Coolant System Leakage | 4/06 | 5/06 | 6/06 | 7/06 | 8/06 | 9/06 | 10/06 | 11/06 | 12/06 | 1/07 | 2/07 | 3/07 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 2.000 | 2.200 | 2.200 | 2.300 | 2.200 | 2.300 | 2.500 | 2.250 | 2.600 | 2.400 | 2.600 | 3.000 |
| 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 | 8.0 | 8.8 | 8.8 | 9.2 | 8.8 | 9.2 | 10.0 | 9.0 | 10.4 | 9.6 | 10.4 | 12.0 |

| 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 | 3.200 | 3.200 | 2.400 | 2.400 | 2.500 | 2.500 | 2.600 | 3.500 | 3.000 | 4.000 | 4.600 | 1.600 |
| 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 | 12.8 | 12.8 | 9.6 | 9.6 | 10.0 | 10.0 | 10.4 | 14.0 | 12.0 | 16.0 | 18.4 | 6.4 |

Licensee Comments: none

Drill/Exercise Performance



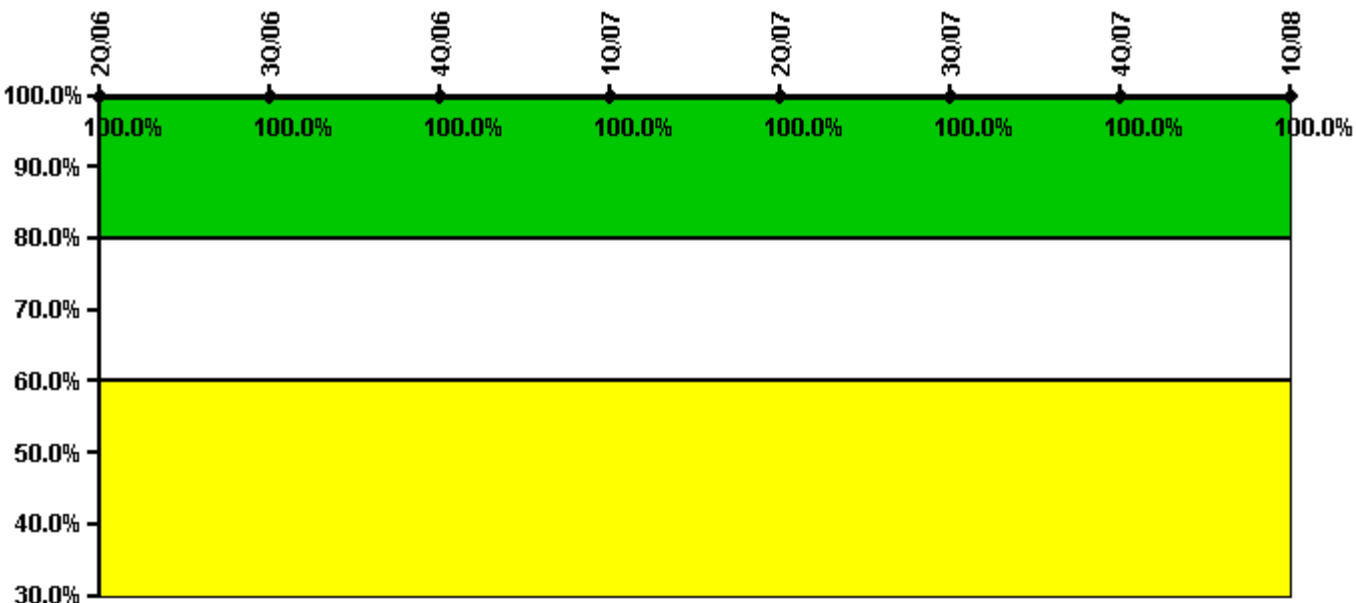
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 54.0 | 36.0 | 58.0 | 10.0 | 71.0 | 37.0 | 0 | 40.0 |
| Total opportunities | 55.0 | 36.0 | 58.0 | 10.0 | 72.0 | 38.0 | 0 | 40.0 |
| | | | | | | | | |
| Indicator value | 97.8% | 97.8% | 98.9% | 98.9% | 98.7% | 98.4% | 98.9% | 99.0% |

Licensee Comments: none

ERO Drill Participation



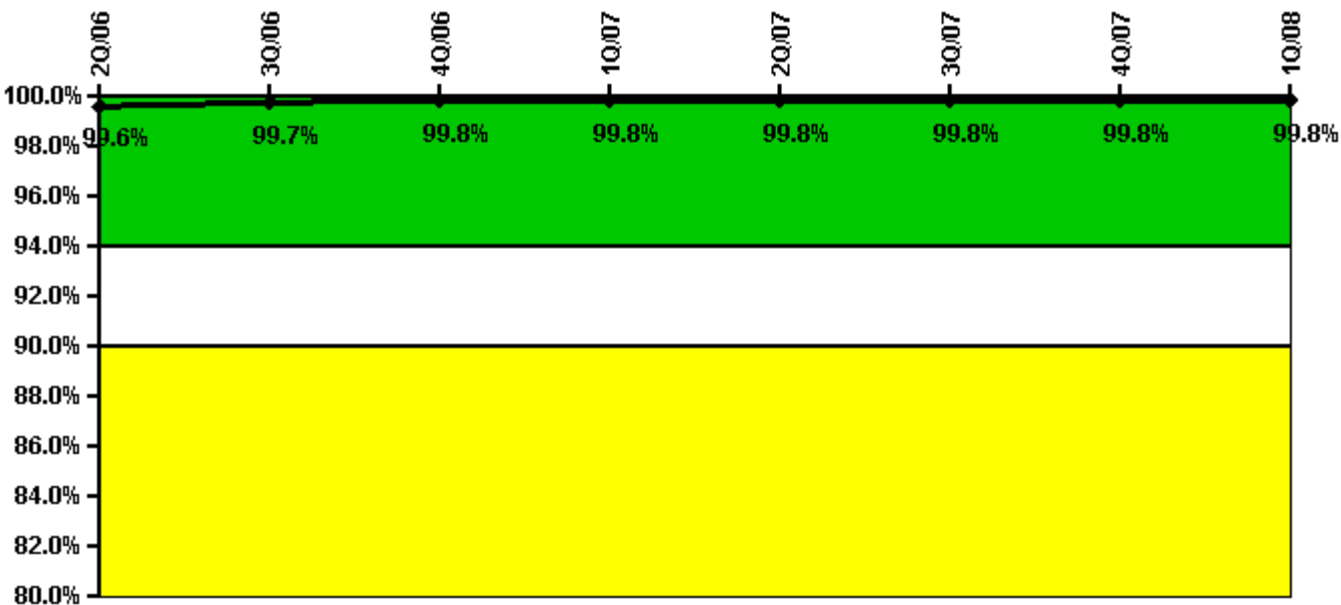
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| Participating Key personnel | 69.0 | 69.0 | 69.0 | 72.0 | 69.0 | 68.0 | 69.0 | 67.0 |
| Total Key personnel | 69.0 | 69.0 | 69.0 | 72.0 | 69.0 | 68.0 | 69.0 | 67.0 |
| | | | | | | | | |
| Indicator value | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

Alert & Notification System



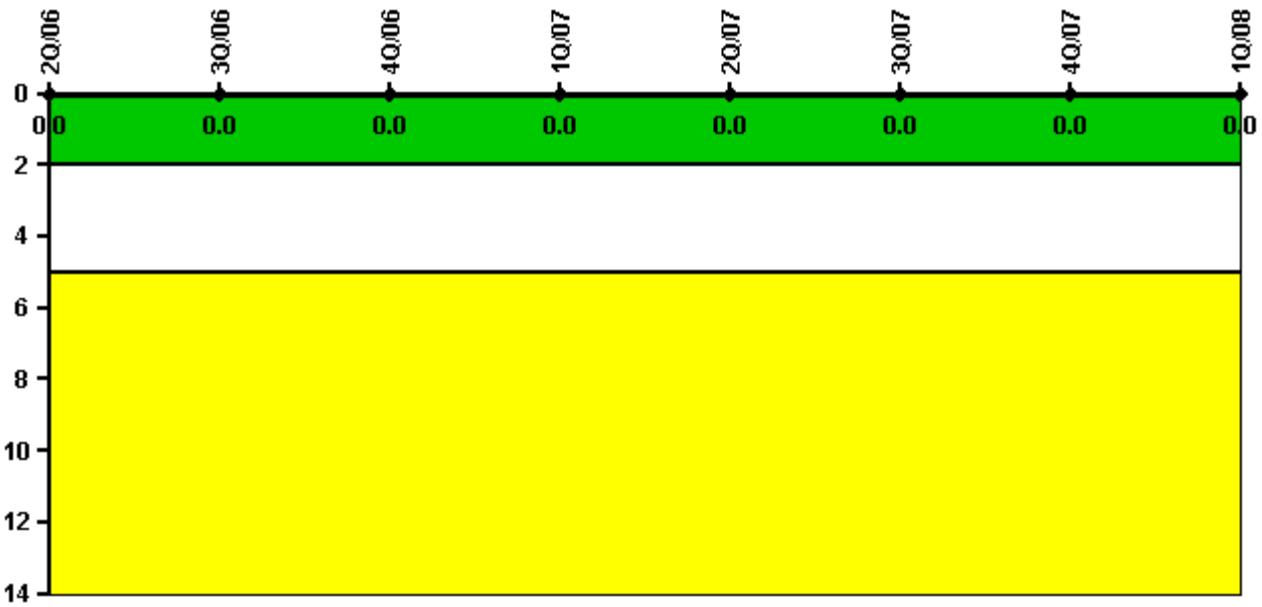
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 2138 | 2140 | 2143 | 2140 | 2139 | 2143 | 2305 | 2142 |
| Total sirens-tests | 2145 | 2145 | 2145 | 2145 | 2145 | 2145 | 2310 | 2145 |
| | | | | | | | | |
| Indicator value | 99.6% | 99.7% | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| 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/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 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: April 30, 2008