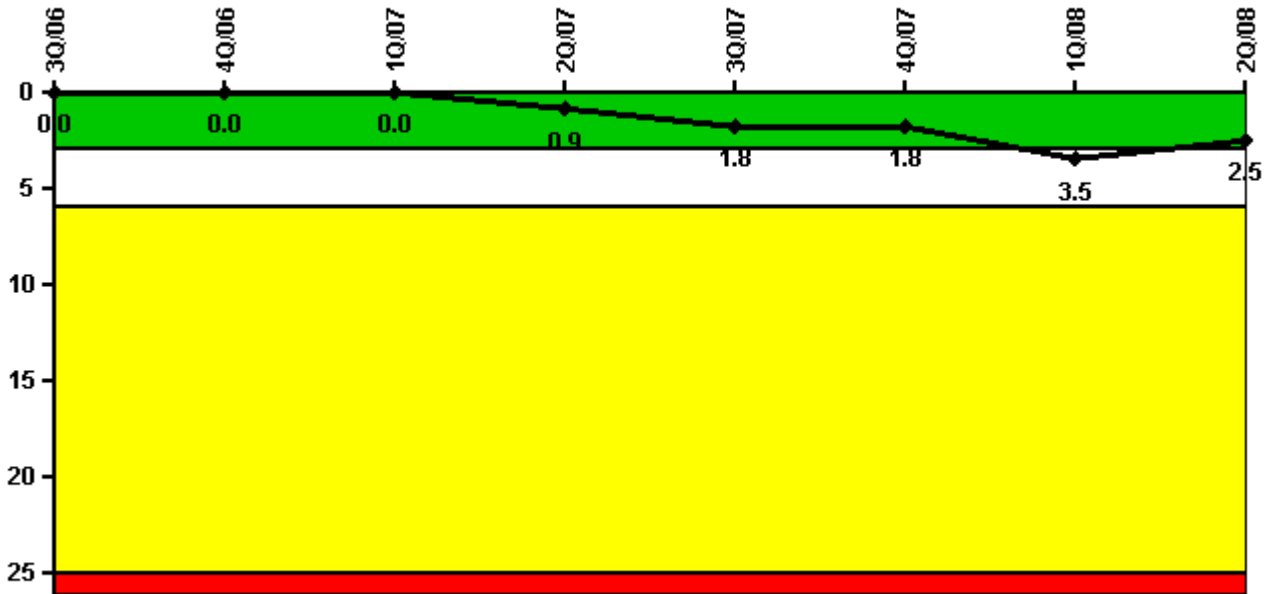


Grand Gulf 1

2Q/2008 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



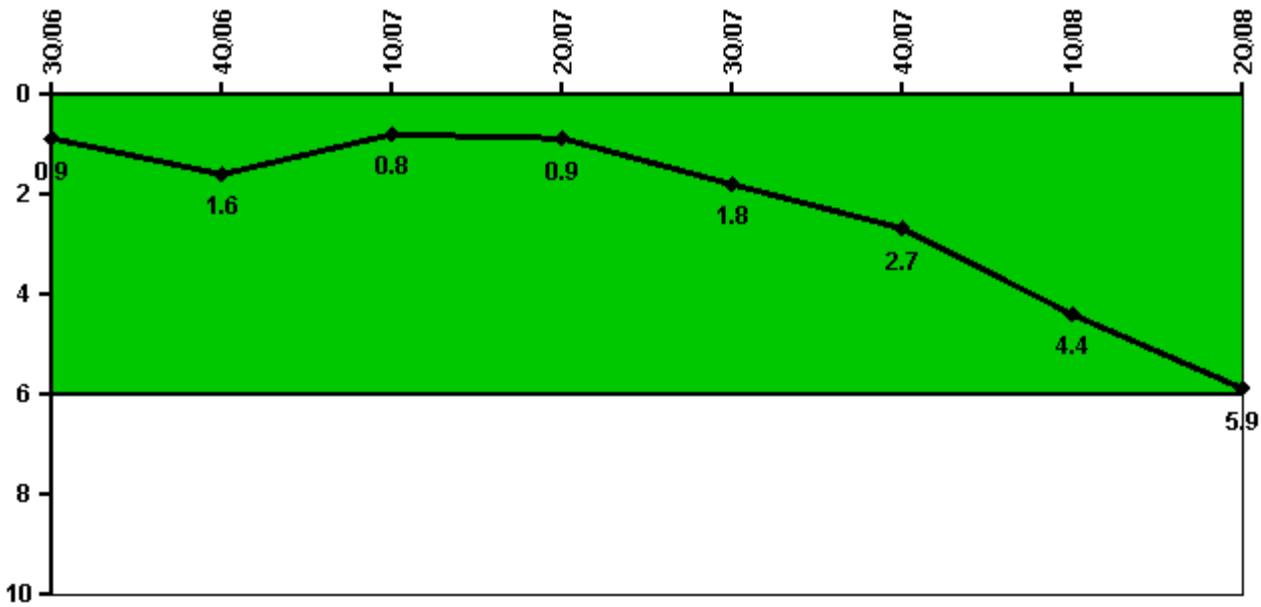
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 0 | 0 | 1.0 | 1.0 | 0 | 2.0 | 0 |
| Critical hours | 2208.0 | 2209.0 | 1843.0 | 1817.7 | 1863.9 | 2209.0 | 2020.5 | 2184.0 |
| Indicator value | 0 | 0 | 0 | 0.9 | 1.8 | 1.8 | 3.5 | 2.5 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes | 0 | 1.0 | 0 | 0 | 1.0 | 2.0 | 2.0 | 2.0 |
| Critical hours | 2208.0 | 2209.0 | 1843.0 | 1817.7 | 1863.9 | 2209.0 | 2020.5 | 2184.0 |
| Indicator value | 0.9 | 1.6 | 0.8 | 0.9 | 1.8 | 2.7 | 4.4 | 5.9 |

Licensee Comments: none

Unplanned Scrams with Complications



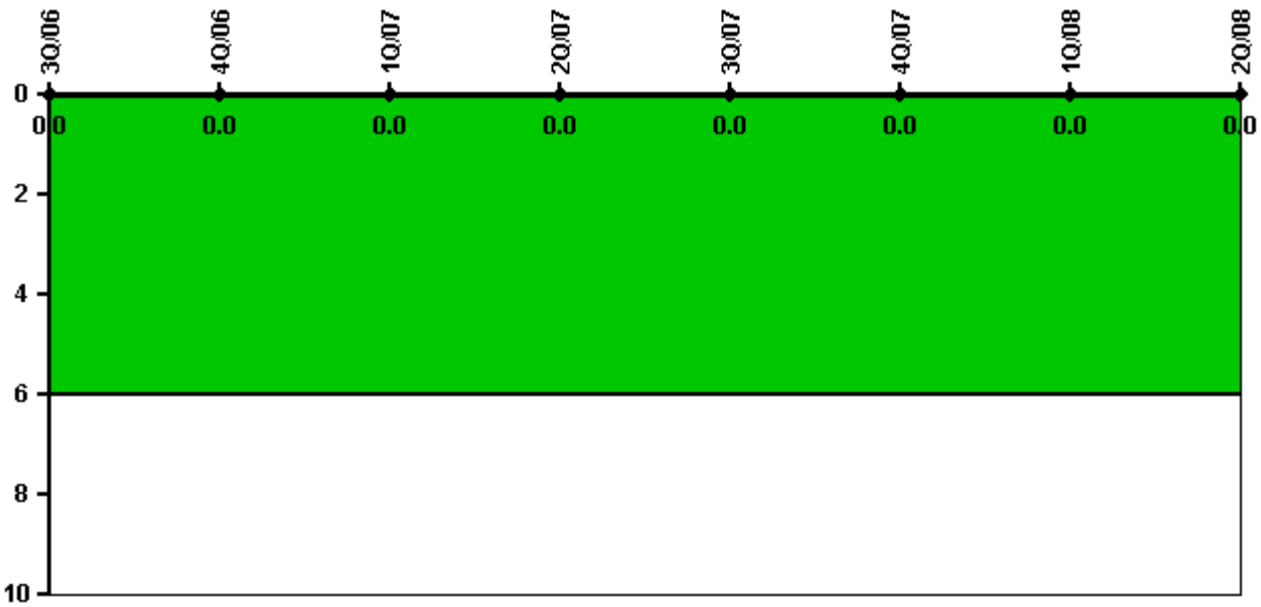
Thresholds: White > 1.0

Notes

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

Licensee Comments: none

Safety System Functional Failures (BWR)



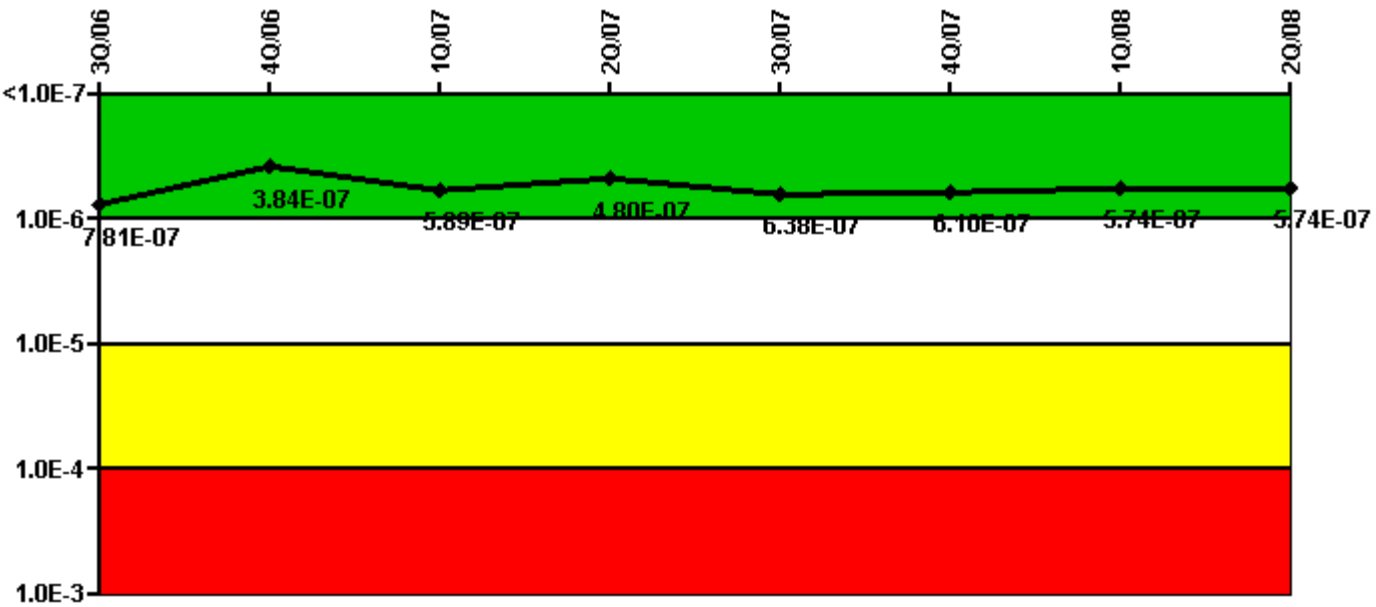
Thresholds: White > 6.0

Notes

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



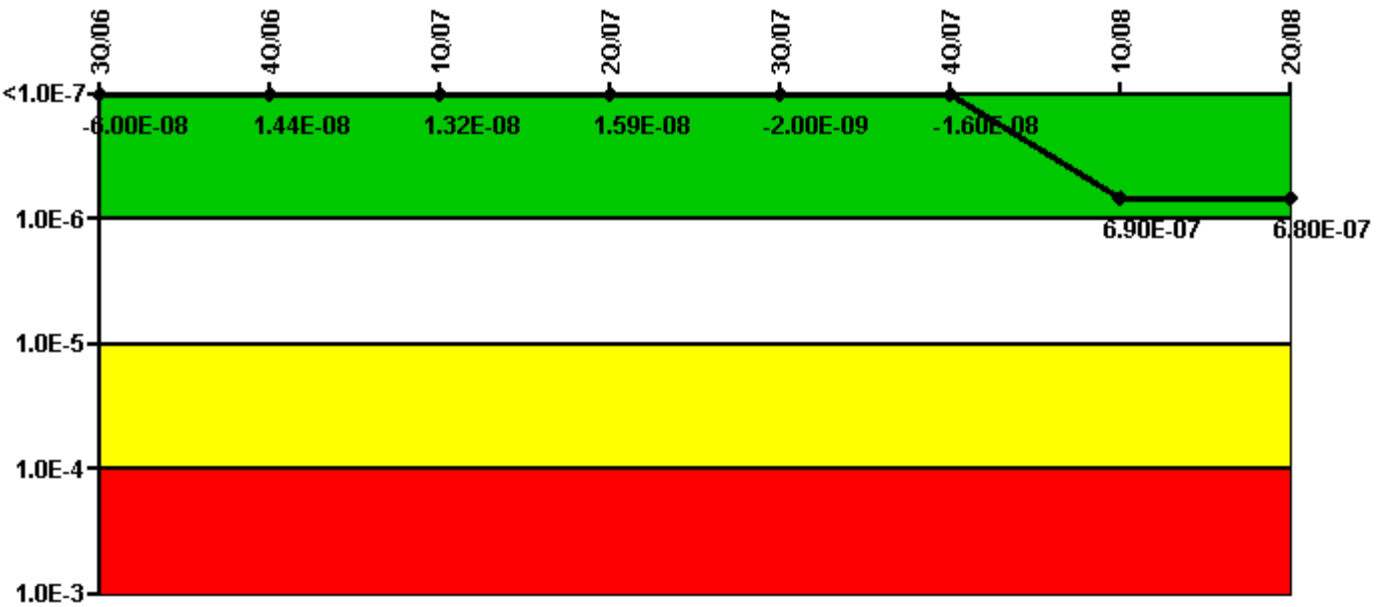
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| UAI (Δ CDF) | 4.10E-08 | 4.40E-08 | 5.90E-08 | 9.00E-08 | 9.80E-08 | 1.00E-07 | 6.40E-08 | 6.40E-08 |
| URI (Δ CDF) | 7.40E-07 | 3.40E-07 | 5.30E-07 | 3.90E-07 | 5.40E-07 | 5.10E-07 | 5.10E-07 | 5.10E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 7.81E-07 | 3.84E-07 | 5.89E-07 | 4.80E-07 | 6.38E-07 | 6.10E-07 | 5.74E-07 | 5.74E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



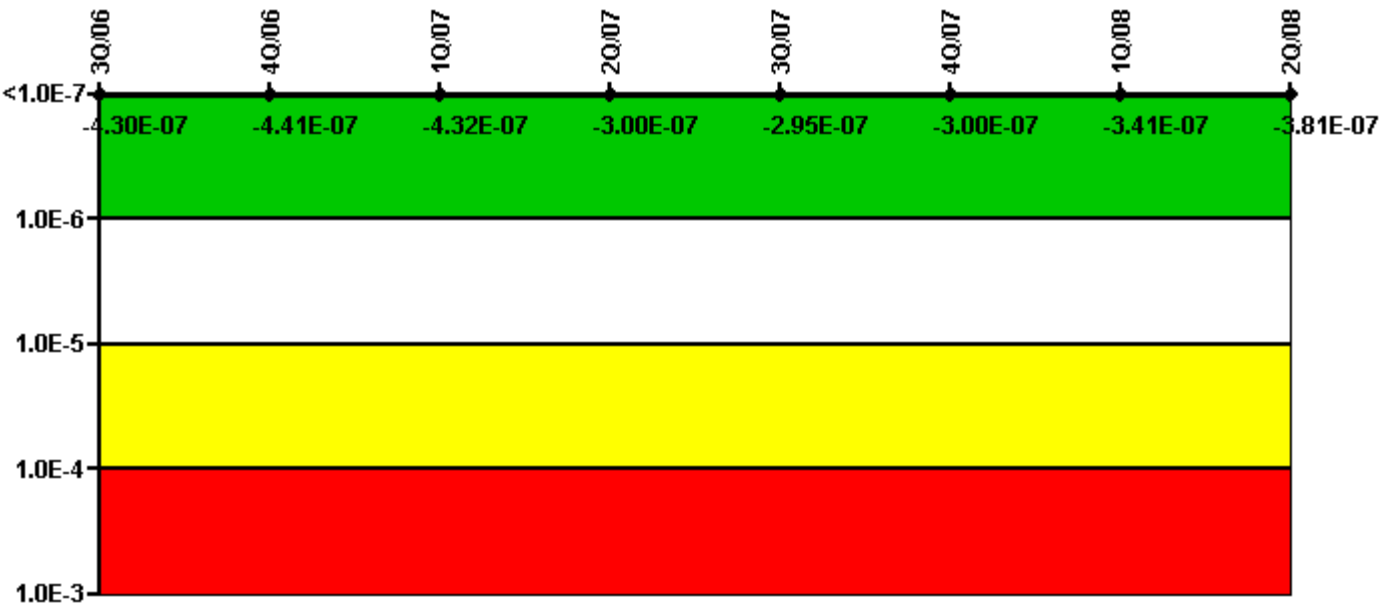
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 |
|--|-------------|-------------|------------|------------|-------------|-------------|------------|------------|
| UAI (Δ CDF) | $-3.40E-08$ | $-6.00E-10$ | $5.60E-09$ | $4.90E-09$ | $-2.80E-08$ | $-4.40E-08$ | $4.90E-07$ | $4.90E-07$ |
| URI (Δ CDF) | $-2.60E-08$ | $1.50E-08$ | $7.60E-09$ | $1.10E-08$ | $2.60E-08$ | $2.80E-08$ | $2.00E-07$ | $1.90E-07$ |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | $-6.00E-08$ | $1.44E-08$ | $1.32E-08$ | $1.59E-08$ | $-2.00E-09$ | $-1.60E-08$ | $6.90E-07$ | $6.80E-07$ |

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



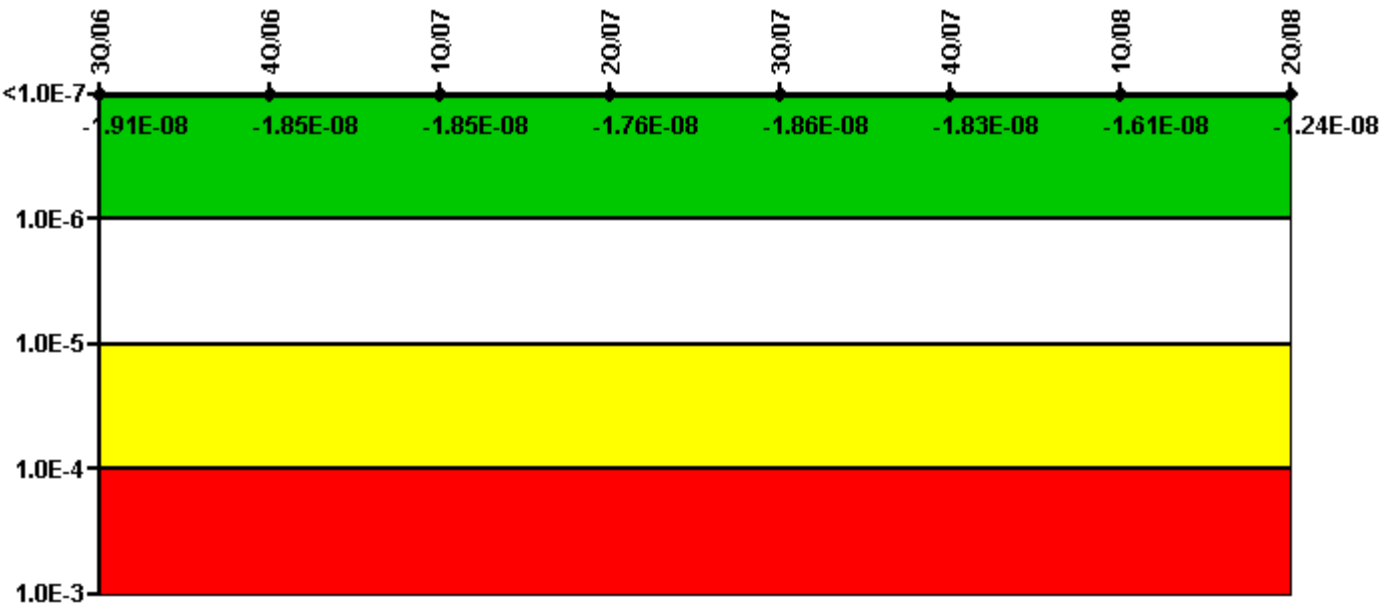
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Heat Removal System | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (ΔCDF) | -3.00E-08 | -4.10E-08 | -4.20E-08 | 1.00E-07 | 9.50E-08 | 9.00E-08 | 3.90E-08 | 9.20E-09 |
| URI (ΔCDF) | -4.00E-07 | -4.00E-07 | -3.90E-07 | -4.00E-07 | -3.90E-07 | -3.90E-07 | -3.80E-07 | -3.90E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -4.30E-07 | -4.41E-07 | -4.32E-07 | -3.00E-07 | -2.95E-07 | -3.00E-07 | -3.41E-07 | -3.81E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



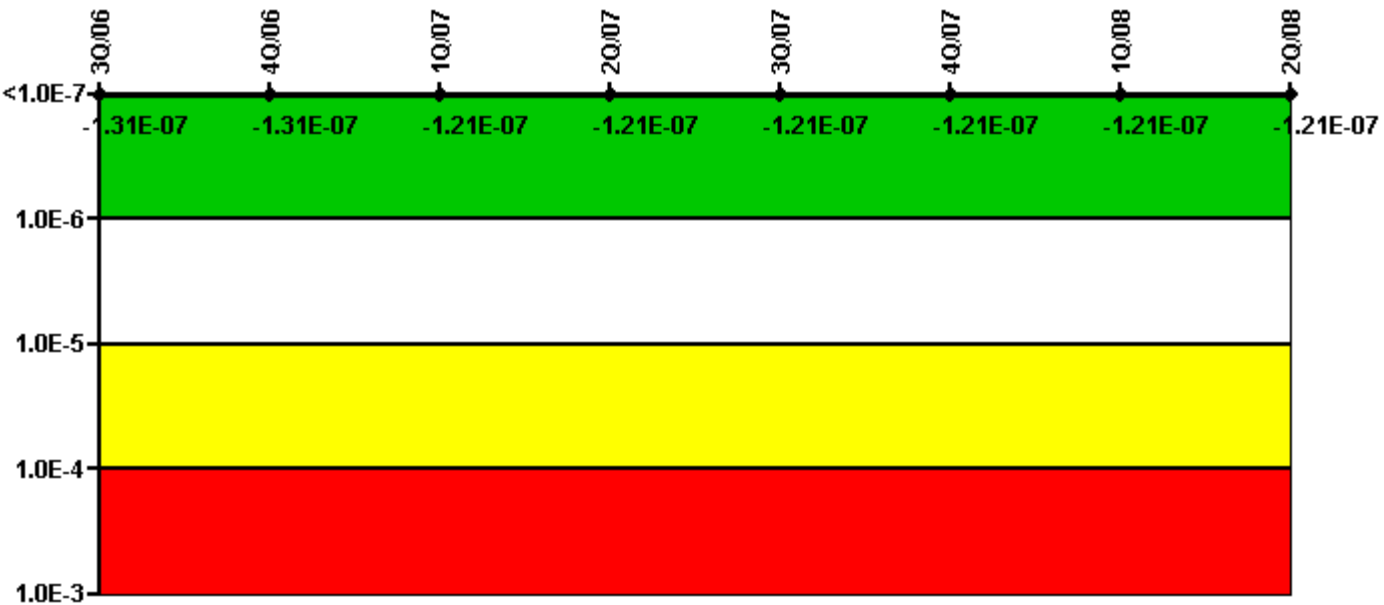
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -8.10E-09 | -8.50E-09 | -8.50E-09 | -7.60E-09 | -7.60E-09 | -7.30E-09 | -5.10E-09 | -1.40E-09 |
| URI (Δ CDF) | -1.10E-08 | -1.00E-08 | -1.00E-08 | -1.00E-08 | -1.10E-08 | -1.10E-08 | -1.10E-08 | -1.10E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.91E-08 | -1.85E-08 | -1.85E-08 | -1.76E-08 | -1.86E-08 | -1.83E-08 | -1.61E-08 | -1.24E-08 |

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



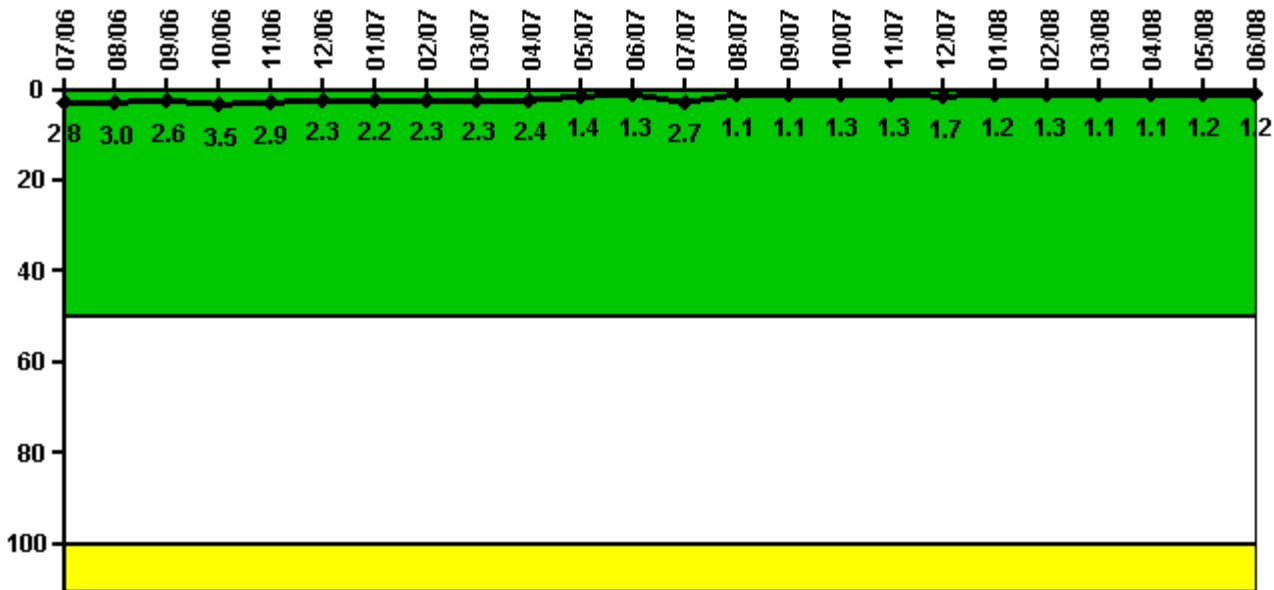
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -1.40E-09 | -1.40E-09 | -1.40E-09 | -1.40E-09 | -1.40E-09 | -1.40E-09 | -1.40E-09 | -1.40E-09 |
| URI (Δ CDF) | -1.30E-07 | -1.30E-07 | -1.20E-07 | -1.20E-07 | -1.20E-07 | -1.20E-07 | -1.20E-07 | -1.20E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.31E-07 | -1.31E-07 | -1.21E-07 | -1.21E-07 | -1.21E-07 | -1.21E-07 | -1.21E-07 | -1.21E-07 |

Licensee Comments: none

Reactor Coolant System Activity



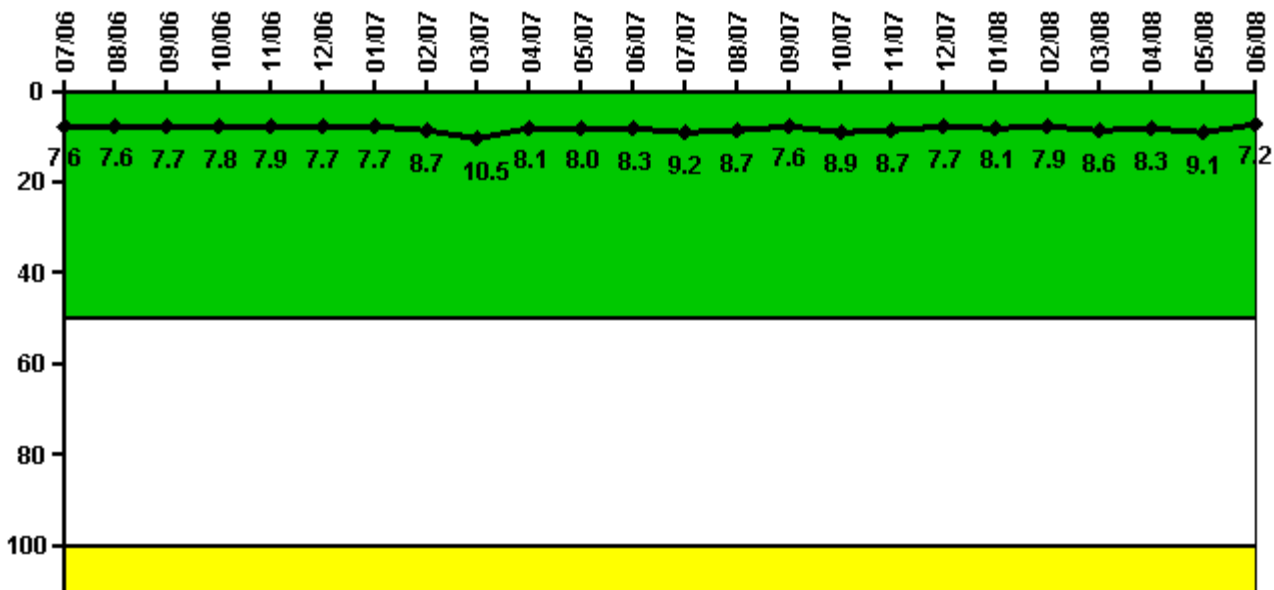
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Activity | 7/06 | 8/06 | 9/06 | 10/06 | 11/06 | 12/06 | 1/07 | 2/07 | 3/07 | 4/07 | 5/07 | 6/07 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.005510 | 0.005900 | 0.005250 | 0.007000 | 0.005790 | 0.004680 | 0.004440 | 0.004620 | 0.004590 | 0.004790 | 0.002870 | 0.002660 |
| 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 | 2.8 | 3.0 | 2.6 | 3.5 | 2.9 | 2.3 | 2.2 | 2.3 | 2.3 | 2.4 | 1.4 | 1.3 |
| Reactor Coolant System Activity | 7/07 | 8/07 | 9/07 | 10/07 | 11/07 | 12/07 | 1/08 | 2/08 | 3/08 | 4/08 | 5/08 | 6/08 |
| Maximum activity | 0.005360 | 0.002100 | 0.002170 | 0.002670 | 0.002510 | 0.003380 | 0.002370 | 0.002660 | 0.002120 | 0.002210 | 0.002420 | 0.002430 |
| 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 | 2.7 | 1.1 | 1.1 | 1.3 | 1.3 | 1.7 | 1.2 | 1.3 | 1.1 | 1.1 | 1.2 | 1.2 |

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

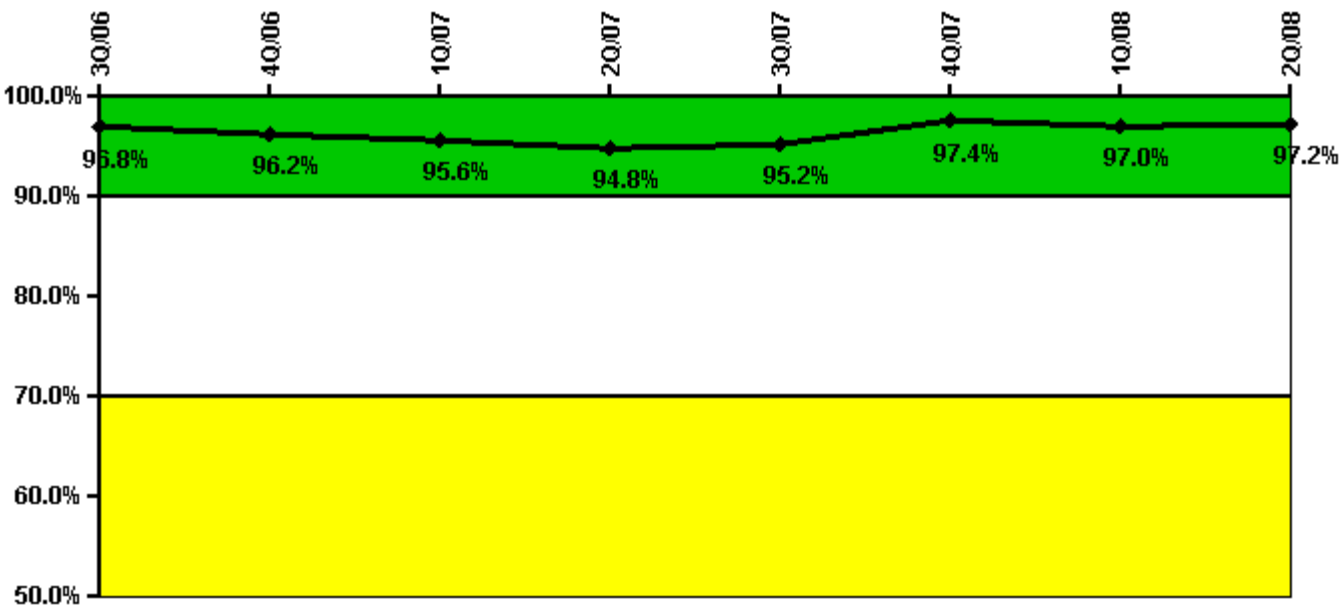
Notes

| Reactor Coolant System Leakage | 7/06 | 8/06 | 9/06 | 10/06 | 11/06 | 12/06 | 1/07 | 2/07 | 3/07 | 4/07 | 5/07 | 6/07 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 2.280 | 2.290 | 2.320 | 2.350 | 2.380 | 2.310 | 2.300 | 2.600 | 3.140 | 2.420 | 2.390 | 2.480 |
| 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 | 7.6 | 7.6 | 7.7 | 7.8 | 7.9 | 7.7 | 7.7 | 8.7 | 10.5 | 8.1 | 8.0 | 8.3 |

| Reactor Coolant System Leakage | 7/07 | 8/07 | 9/07 | 10/07 | 11/07 | 12/07 | 1/08 | 2/08 | 3/08 | 4/08 | 5/08 | 6/08 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 2.770 | 2.600 | 2.280 | 2.680 | 2.620 | 2.300 | 2.420 | 2.380 | 2.570 | 2.480 | 2.730 | 2.170 |
| 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 | 9.2 | 8.7 | 7.6 | 8.9 | 8.7 | 7.7 | 8.1 | 7.9 | 8.6 | 8.3 | 9.1 | 7.2 |

Licensee Comments: none

Drill/Exercise Performance



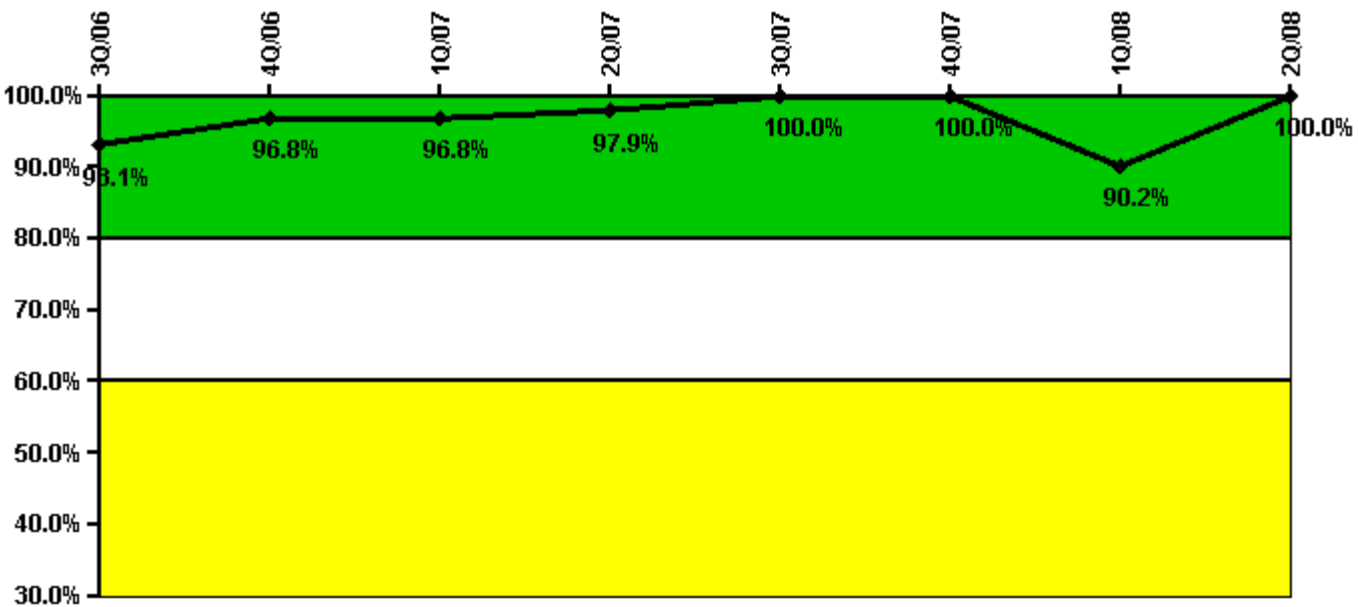
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 21.0 | 43.0 | 11.0 | 28.0 | 24.0 | 77.0 | 20.0 | 56.0 |
| Total opportunities | 21.0 | 45.0 | 12.0 | 29.0 | 24.0 | 78.0 | 22.0 | 57.0 |
| | | | | | | | | |
| Indicator value | 96.8% | 96.2% | 95.6% | 94.8% | 95.2% | 97.4% | 97.0% | 97.2% |

Licensee Comments: none

ERO Drill Participation



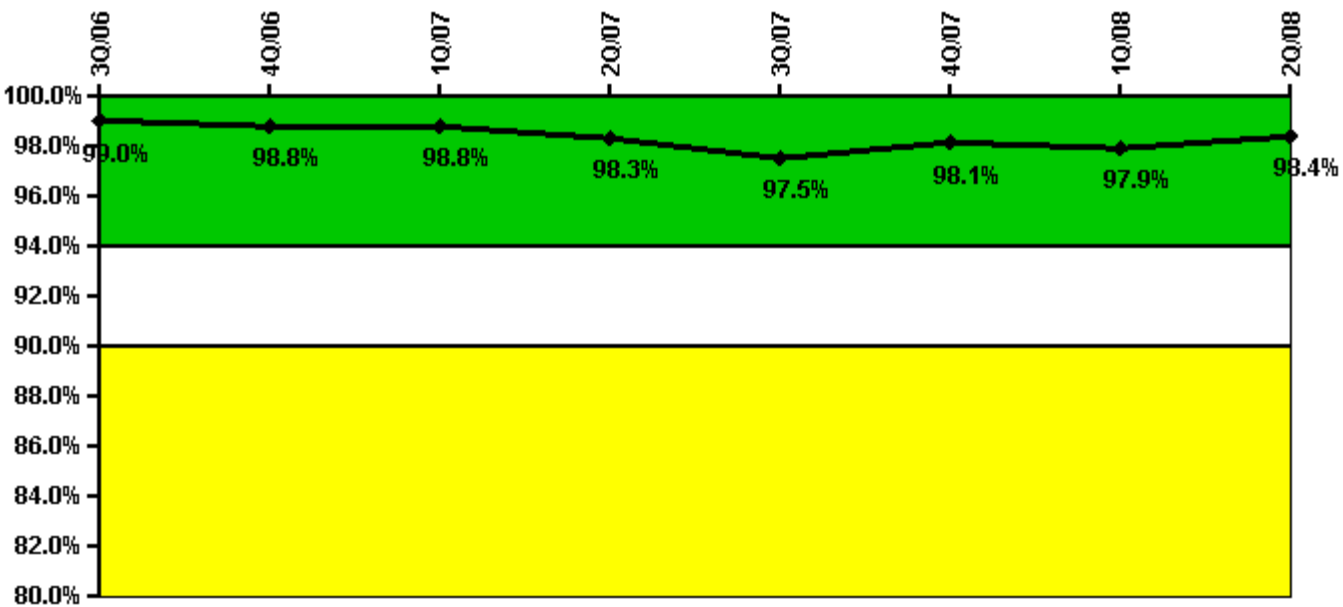
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 |
|-----------------------------|-------|-------|-------|-------|--------|--------|-------|--------|
| Participating Key personnel | 81.0 | 90.0 | 90.0 | 92.0 | 90.0 | 83.0 | 74.0 | 80.0 |
| Total Key personnel | 87.0 | 93.0 | 93.0 | 94.0 | 90.0 | 83.0 | 82.0 | 80.0 |
| | | | | | | | | |
| Indicator value | 93.1% | 96.8% | 96.8% | 97.9% | 100.0% | 100.0% | 90.2% | 100.0% |

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

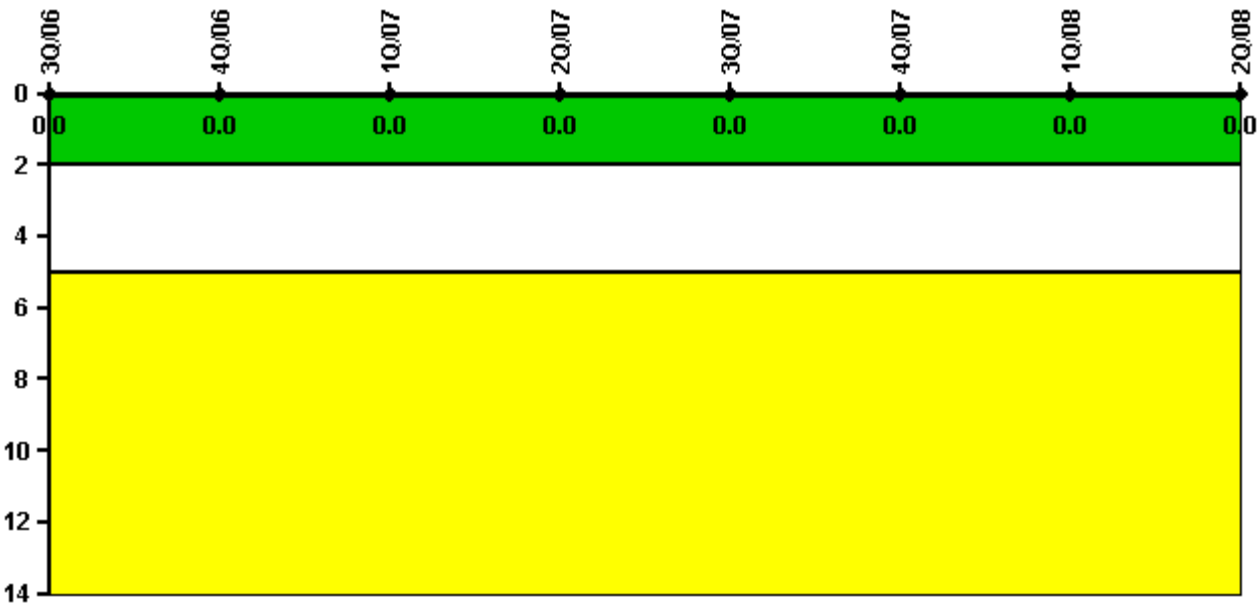
Notes

| Alert & Notification System | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 127 | 126 | 128 | 126 | 123 | 129 | 127 | 125 |
| Total sirens-tests | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 125 |
| | | | | | | | | |
| Indicator value | 99.0% | 98.8% | 98.8% | 98.3% | 97.5% | 98.1% | 97.9% | 98.4% |

Licensee Comments:

2Q/08: NEI 99-02 Rev 5, Appendix D, Page D-2, applicable to May and June data.

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

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