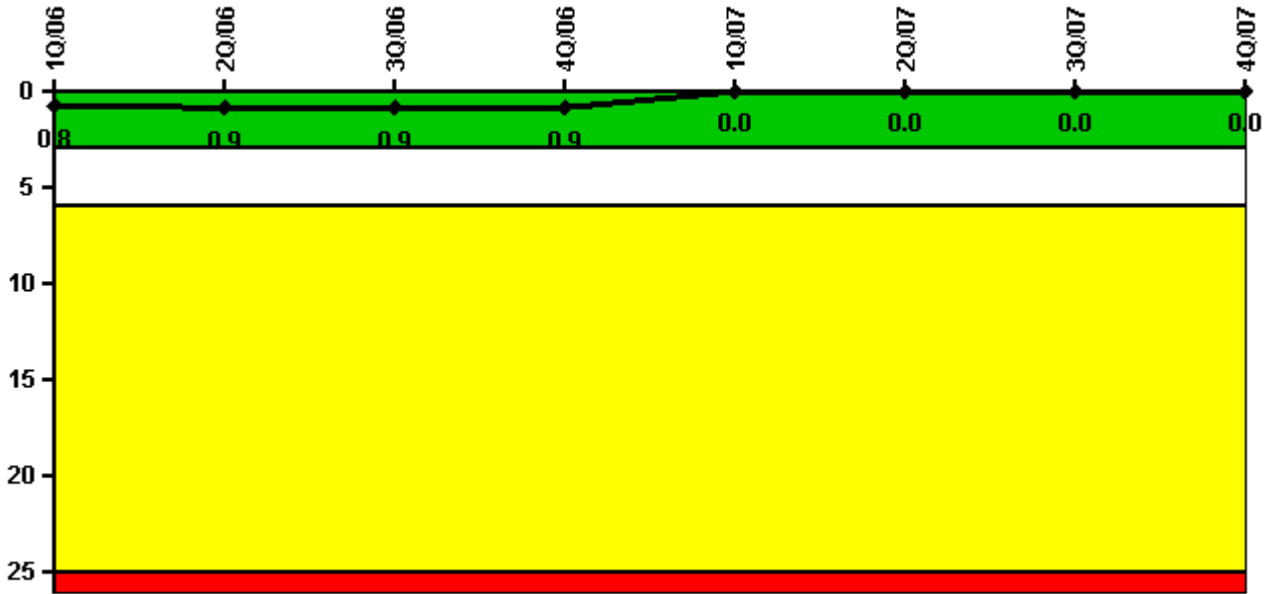


Nine Mile Point 2

4Q/2007 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



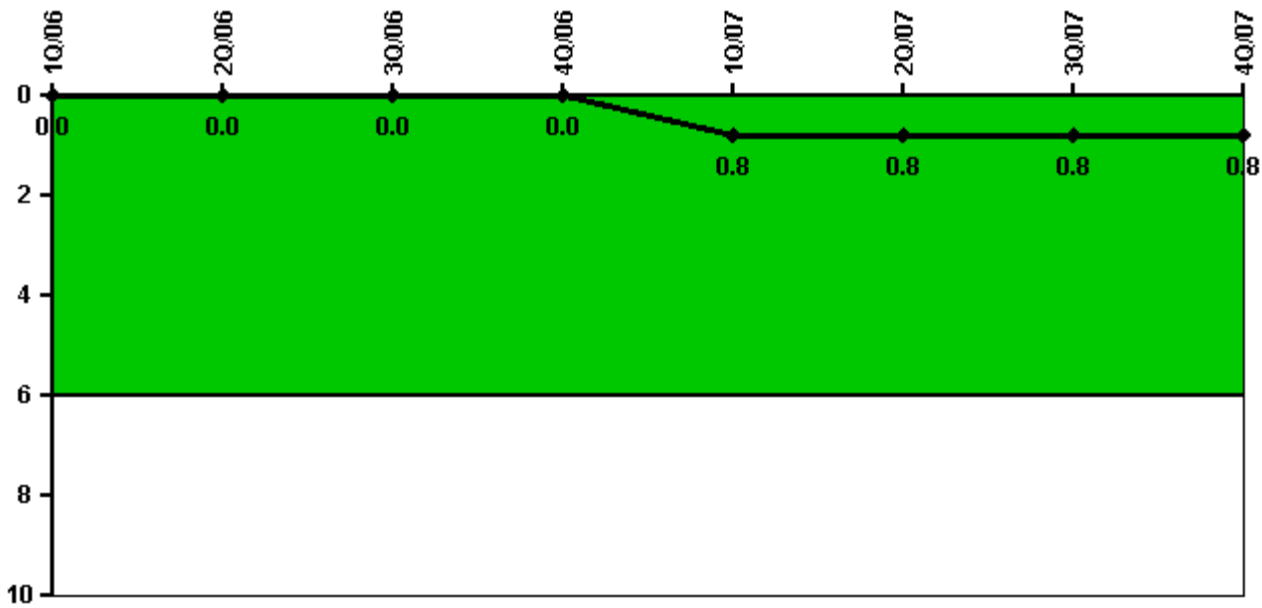
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 1.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 1829.2 | 1893.0 | 2208.0 | 2209.0 | 2022.0 | 2184.0 | 2208.0 | 1933.1 |
| Indicator value | 0.8 | 0.9 | 0.9 | 0.9 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



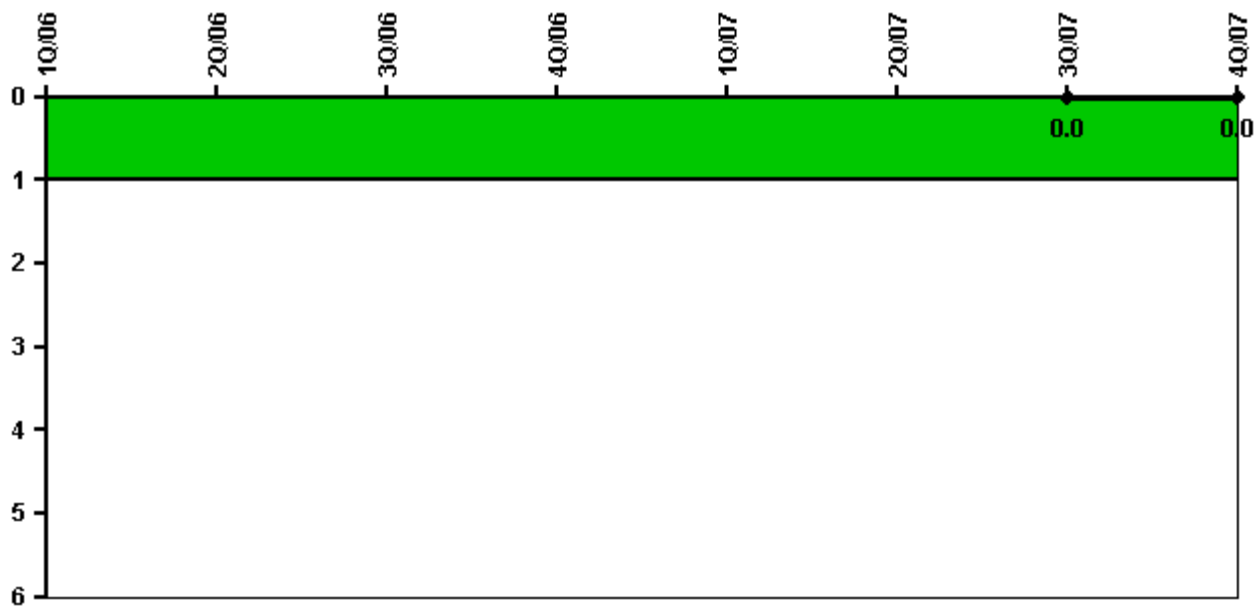
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes | 0 | 0 | 0 | 0 | 1.0 | 0 | 0 | 0 |
| Critical hours | 1829.2 | 1893.0 | 2208.0 | 2209.0 | 2022.0 | 2184.0 | 2208.0 | 1933.1 |
| Indicator value | 0 | 0 | 0 | 0 | 0.8 | 0.8 | 0.8 | 0.8 |

Licensee Comments: none

Unplanned Scrams with Complications



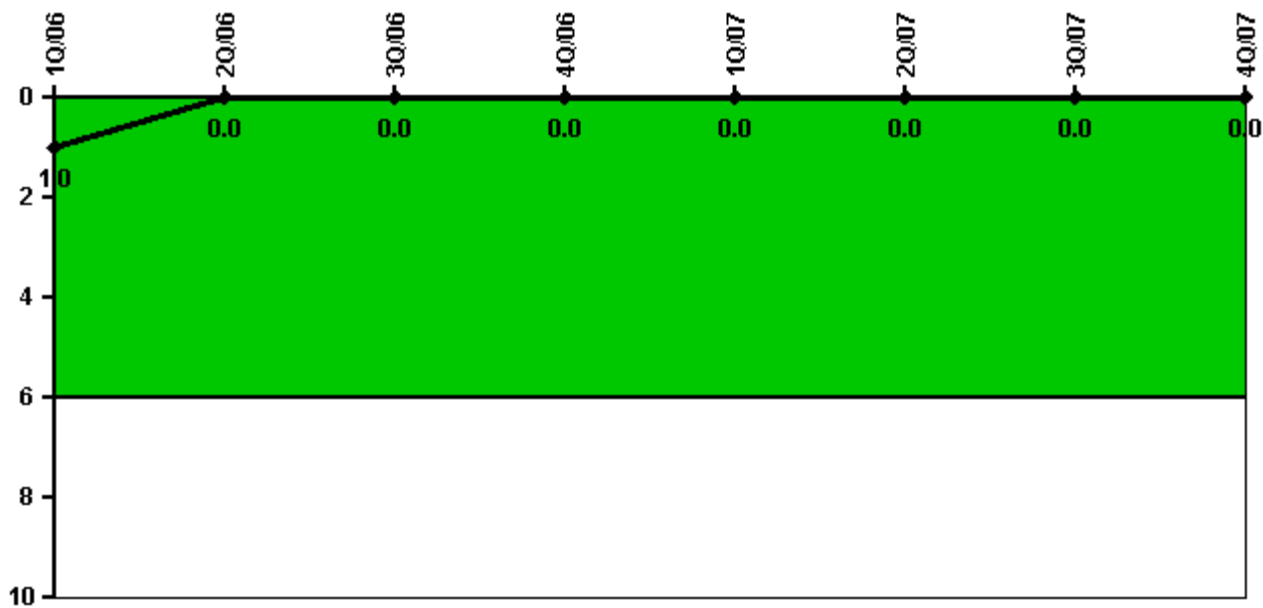
Thresholds: White > 1.0

Notes

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

Licensee Comments: none

Safety System Functional Failures (BWR)



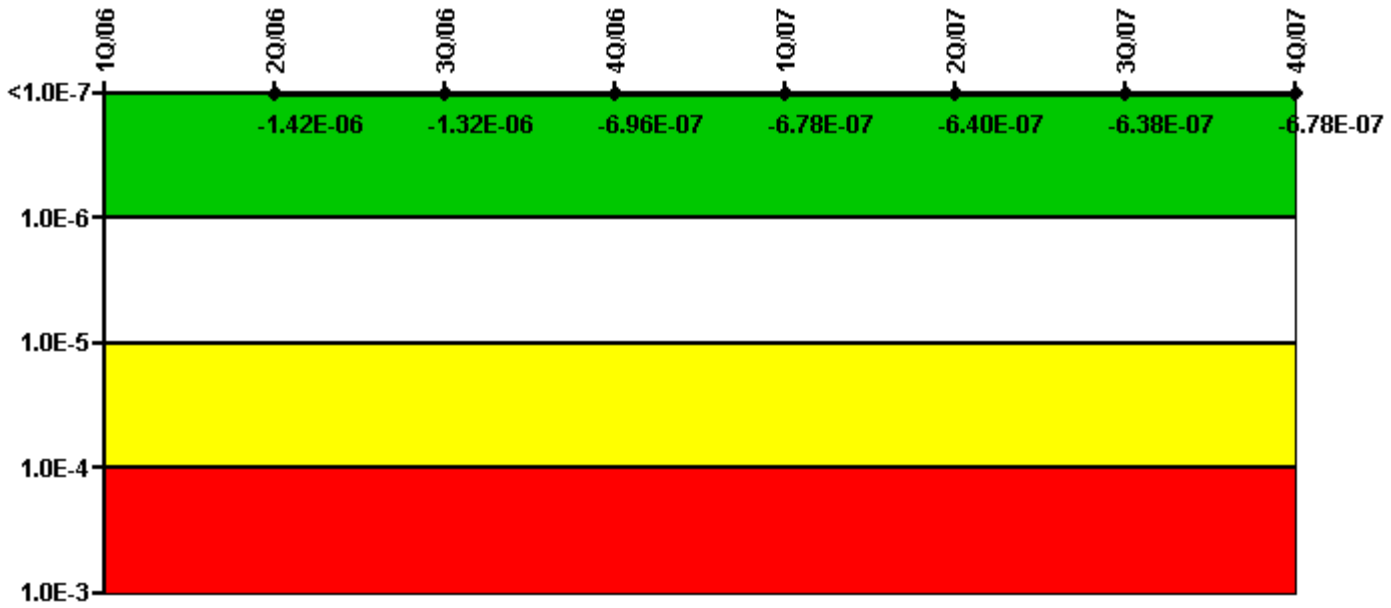
Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



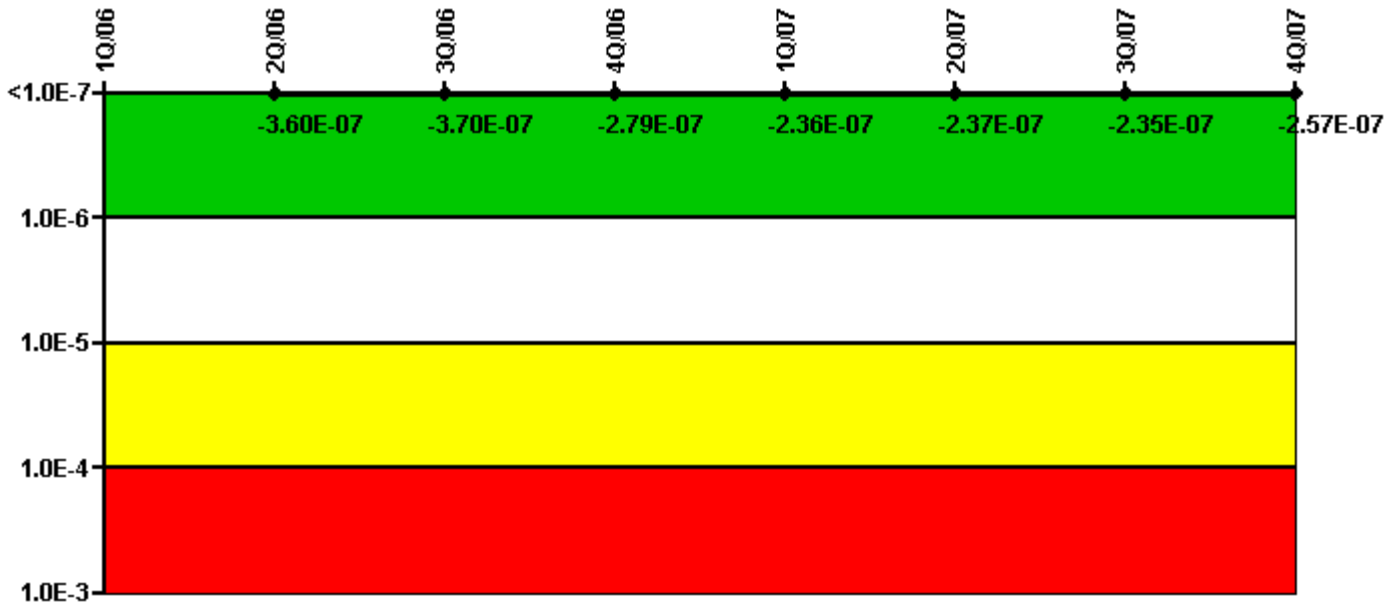
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 |
|---|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | | -1.20E-07 | -1.20E-07 | -5.60E-08 | -5.80E-08 | -7.00E-08 | -6.80E-08 | -9.80E-08 |
| URI (Δ CDF) | | -1.30E-06 | -1.20E-06 | -6.40E-07 | -6.20E-07 | -5.70E-07 | -5.70E-07 | -5.80E-07 |
| PLE | | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | | -1.42E-06 | -1.32E-06 | -6.96E-07 | -6.78E-07 | -6.40E-07 | -6.38E-07 | -6.78E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



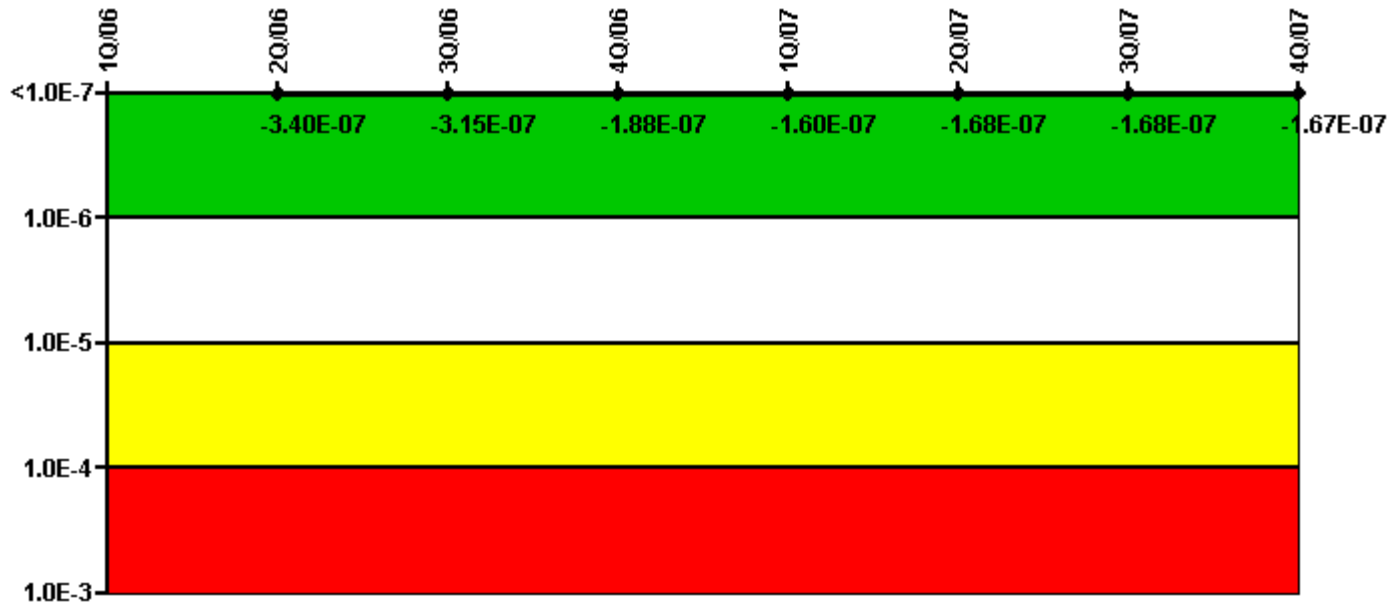
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 |
|--|-------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| UAI (Δ CDF) | | $-1.10E-07$ | $-1.20E-07$ | $-7.90E-08$ | $-4.60E-08$ | $-5.70E-08$ | $-5.50E-08$ | $-7.70E-08$ |
| URI (Δ CDF) | | $-2.50E-07$ | $-2.50E-07$ | $-2.00E-07$ | $-1.90E-07$ | $-1.80E-07$ | $-1.80E-07$ | $-1.80E-07$ |
| PLE | | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | | $-3.60E-07$ | $-3.70E-07$ | $-2.79E-07$ | $-2.36E-07$ | $-2.37E-07$ | $-2.35E-07$ | $-2.57E-07$ |

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



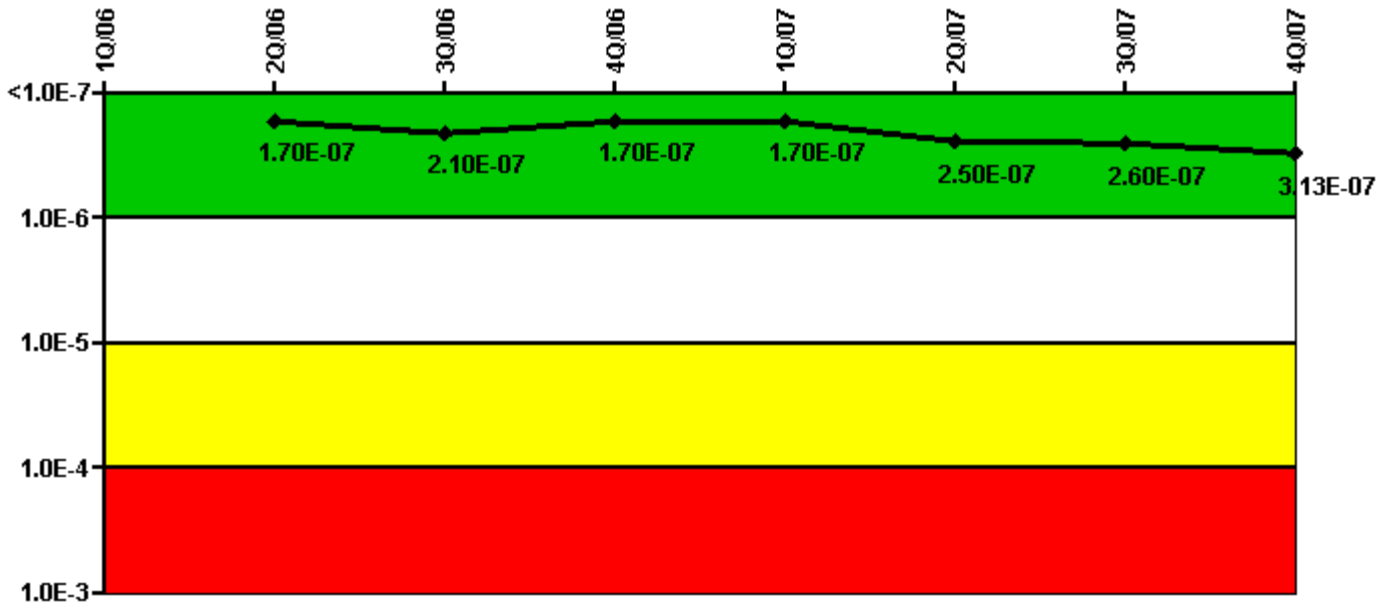
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Heat Removal System | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 |
|---|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | | -1.10E-07 | -9.50E-08 | -6.80E-08 | -4.00E-08 | -5.80E-08 | -5.80E-08 | -5.70E-08 |
| URI (Δ CDF) | | -2.30E-07 | -2.20E-07 | -1.20E-07 | -1.20E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 |
| PLE | | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | | -3.40E-07 | -3.15E-07 | -1.88E-07 | -1.60E-07 | -1.68E-07 | -1.68E-07 | -1.67E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



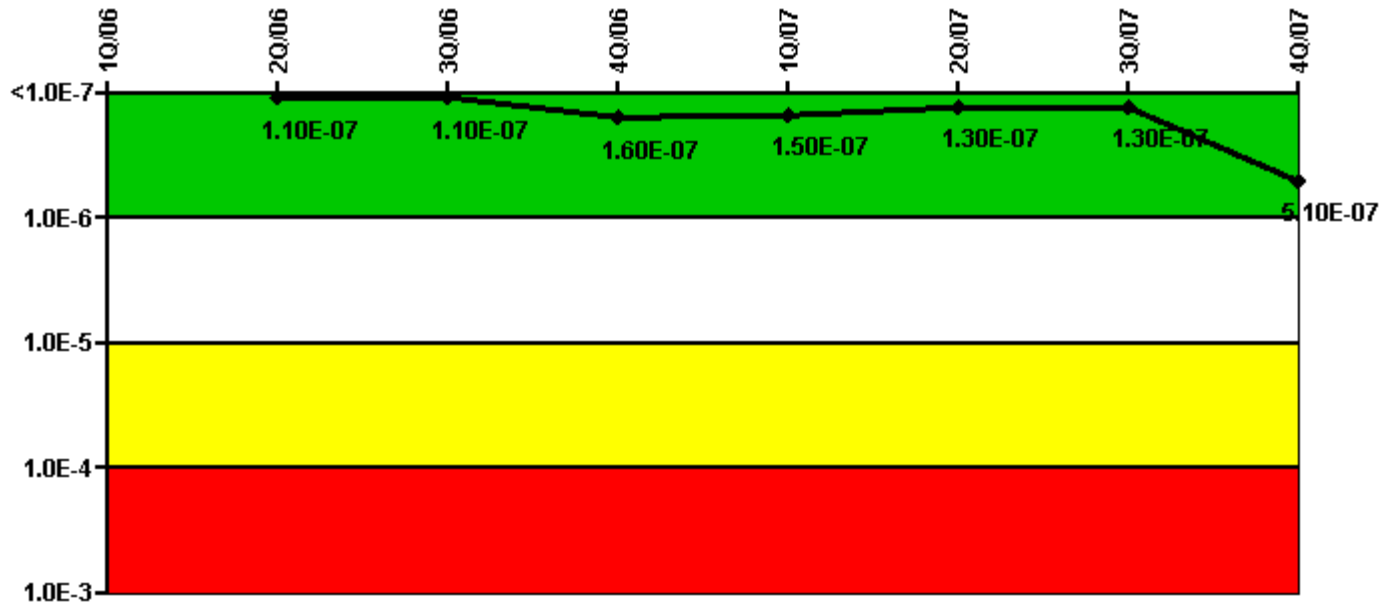
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 |
|--|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | | -1.80E-07 | -1.60E-07 | -1.50E-07 | -1.50E-07 | -1.50E-07 | -1.50E-07 | -5.70E-08 |
| URI (Δ CDF) | | 3.50E-07 | 3.70E-07 | 3.20E-07 | 3.20E-07 | 4.00E-07 | 4.10E-07 | 3.70E-07 |
| PLE | | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | | 1.70E-07 | 2.10E-07 | 1.70E-07 | 1.70E-07 | 2.50E-07 | 2.60E-07 | 3.13E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



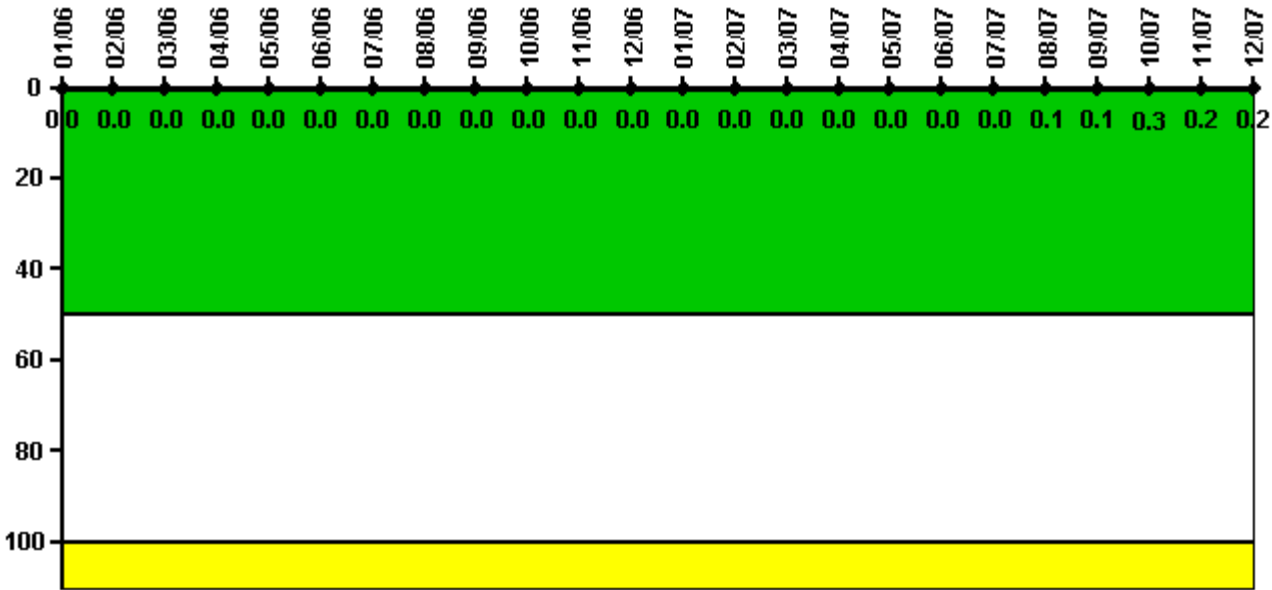
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 |
|---|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (ΔCDF) | | 2.10E-07 | 2.10E-07 | 2.80E-07 | 2.70E-07 | 2.40E-07 | 2.40E-07 | 6.20E-07 |
| URI (ΔCDF) | | -1.00E-07 | -1.00E-07 | -1.20E-07 | -1.20E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 |
| PLE | | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | | 1.10E-07 | 1.10E-07 | 1.60E-07 | 1.50E-07 | 1.30E-07 | 1.30E-07 | 5.10E-07 |

Licensee Comments: none

Reactor Coolant System Activity



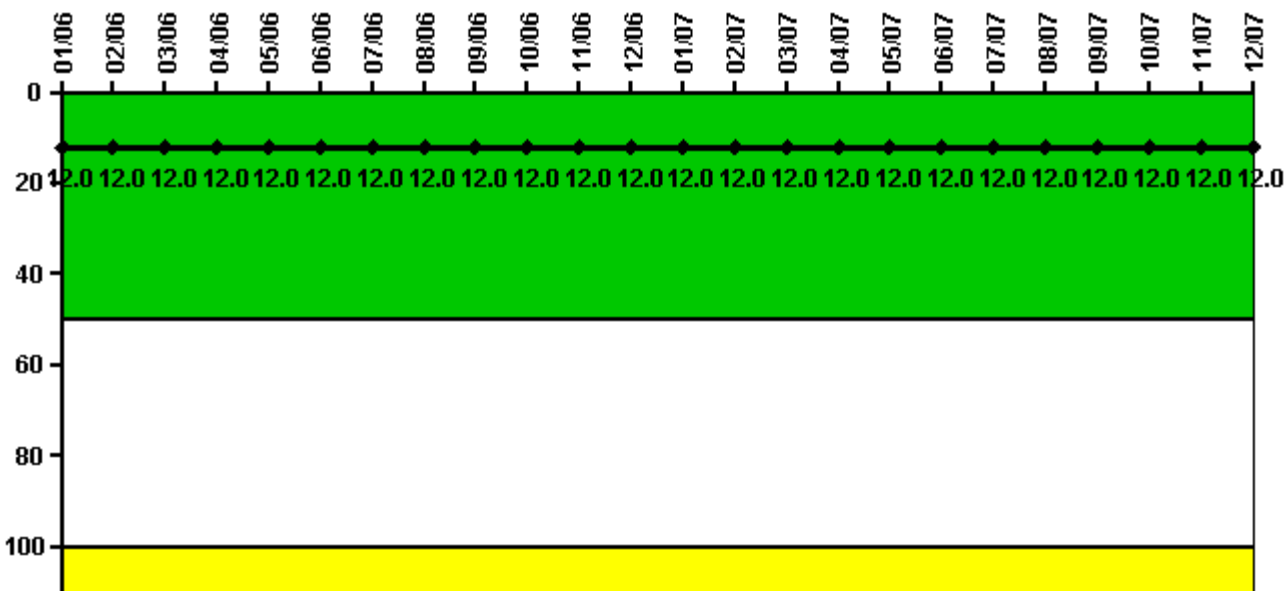
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Activity | 1/06 | 2/06 | 3/06 | 4/06 | 5/06 | 6/06 | 7/06 | 8/06 | 9/06 | 10/06 | 11/06 | 12/06 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000015 | 0.000014 | 0.000016 | 0.000003 | 0.000005 | 0.000004 | 0.000007 | 0.000003 | 0.000006 | 0.000004 | 0.000006 | 0.000004 |
| 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 | 1/07 | 2/07 | 3/07 | 4/07 | 5/07 | 6/07 | 7/07 | 8/07 | 9/07 | 10/07 | 11/07 | 12/07 |
| Maximum activity | 0.000003 | 0.000005 | 0.000004 | 0.000004 | 0.000005 | 0.000005 | 0.000007 | 0.000151 | 0.000206 | 0.000572 | 0.000370 | 0.000462 |
| 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 | 0.1 | 0.1 | 0.3 | 0.2 | 0.2 |

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

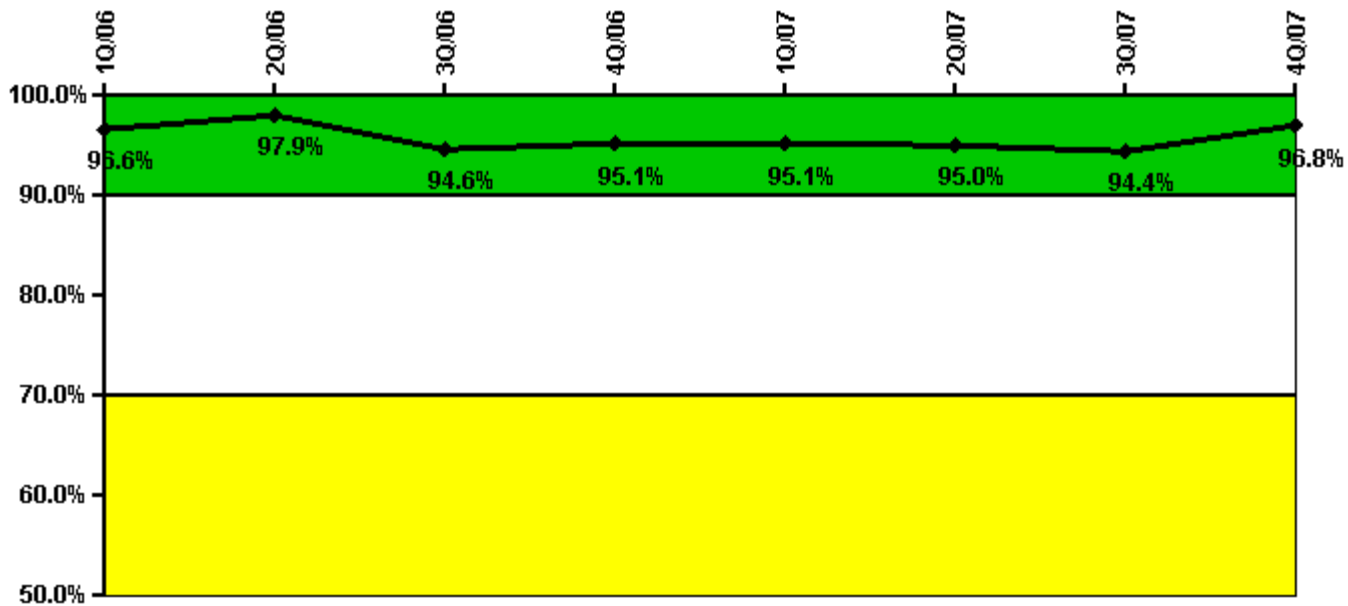
Notes

| Reactor Coolant System Leakage | 1/06 | 2/06 | 3/06 | 4/06 | 5/06 | 6/06 | 7/06 | 8/06 | 9/06 | 10/06 | 11/06 | 12/06 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 3.000 | 3.000 | 3.000 | 3.000 | 3.000 | 3.000 | 3.000 | 3.000 | 3.000 | 3.000 | 3.000 | 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 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 |

| Reactor Coolant System Leakage | 1/07 | 2/07 | 3/07 | 4/07 | 5/07 | 6/07 | 7/07 | 8/07 | 9/07 | 10/07 | 11/07 | 12/07 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 3.000 | 3.000 | 3.000 | 3.000 | 3.000 | 3.000 | 3.000 | 3.000 | 3.000 | 3.000 | 3.000 | 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 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 |

Licensee Comments: none

Drill/Exercise Performance



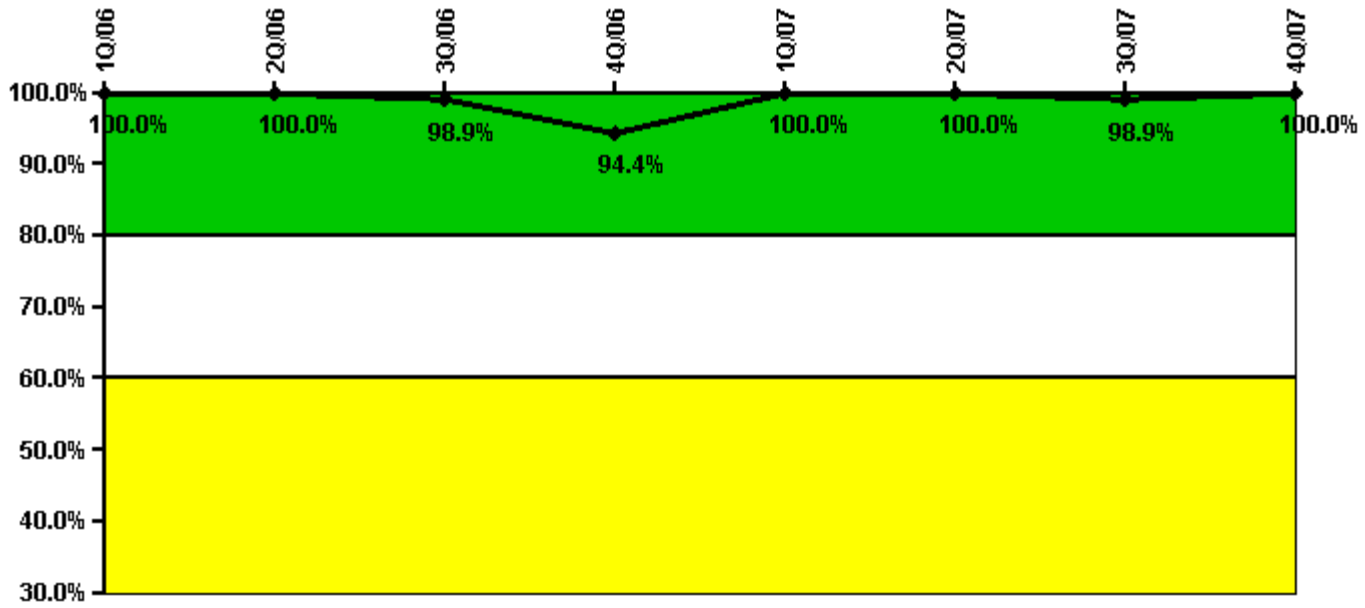
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful opportunities | 21.0 | 20.0 | 129.0 | 109.0 | 41.0 | 27.0 | 35.0 | 318.0 |
| Total opportunities | 22.0 | 20.0 | 138.0 | 113.0 | 43.0 | 30.0 | 39.0 | 318.0 |
| | | | | | | | | |
| Indicator value | 96.6% | 97.9% | 94.6% | 95.1% | 95.1% | 95.0% | 94.4% | 96.8% |

Licensee Comments: none

ERO Drill Participation



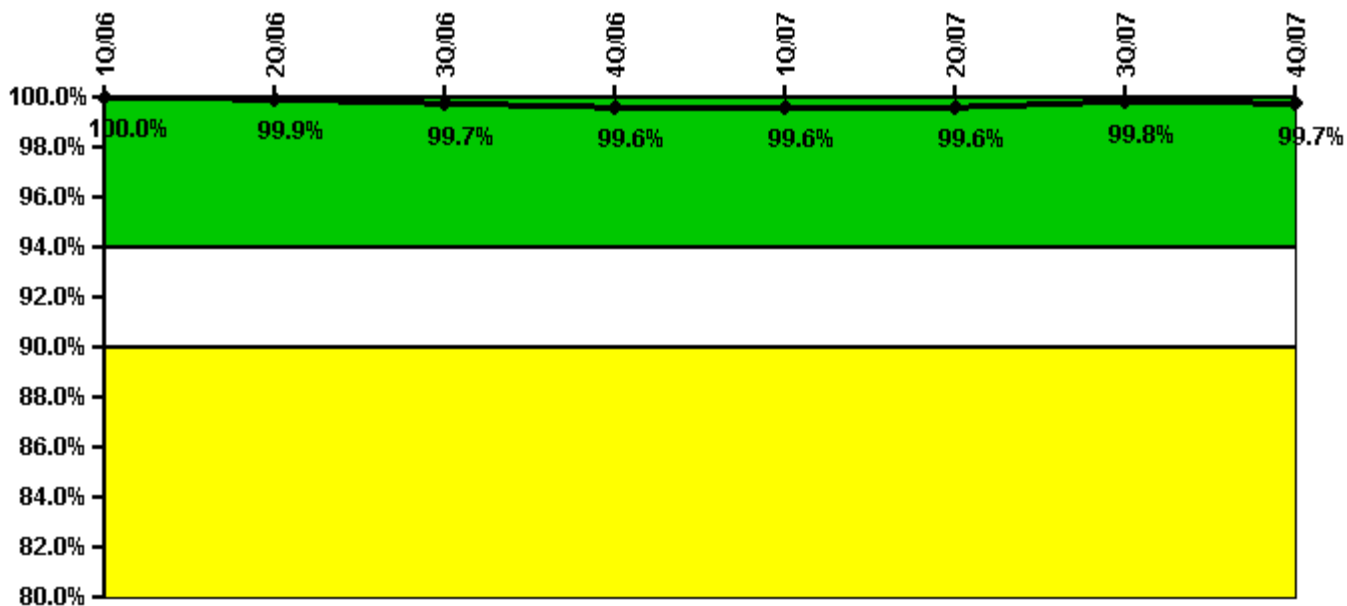
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 |
|-----------------------------|--------|--------|-------|-------|--------|--------|-------|--------|
| Participating Key personnel | 89.0 | 99.0 | 93.0 | 84.0 | 97.0 | 97.0 | 94.0 | 93.0 |
| Total Key personnel | 89.0 | 99.0 | 94.0 | 89.0 | 97.0 | 97.0 | 95.0 | 93.0 |
| Indicator value | 100.0% | 100.0% | 98.9% | 94.4% | 100.0% | 100.0% | 98.9% | 100.0% |

Licensee Comments: none

Alert & Notification System



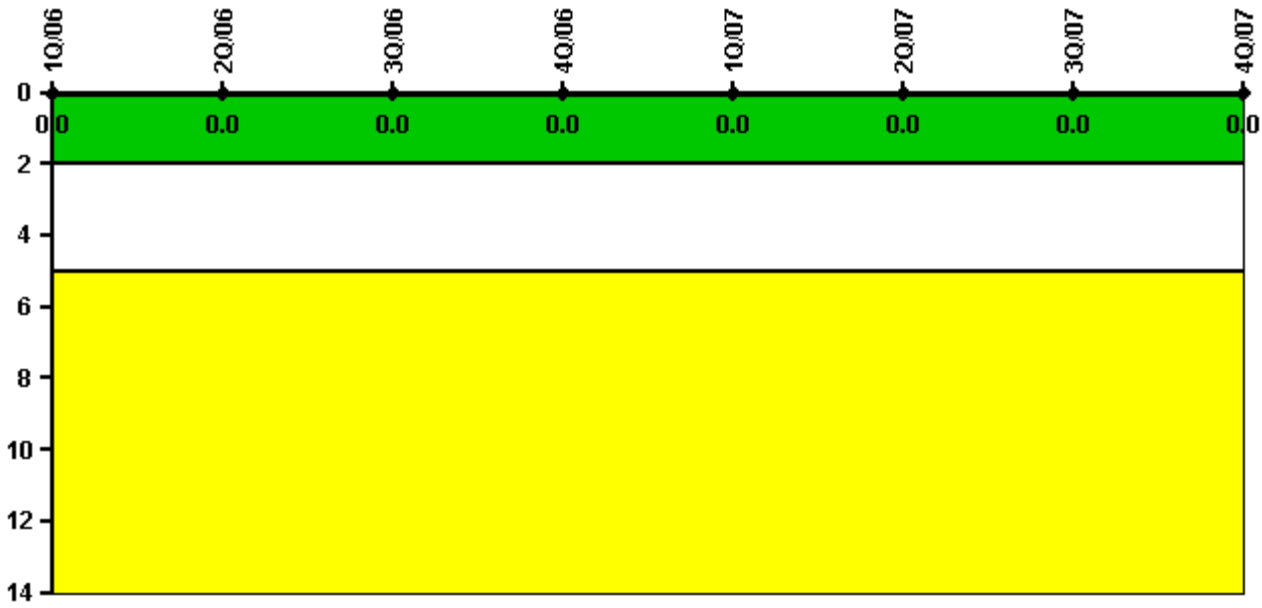
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 |
|-----------------------------|--------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 296 | 221 | 294 | 295 | 296 | 221 | 296 | 257 |
| Total sirens-tests | 296 | 222 | 296 | 296 | 296 | 222 | 296 | 259 |
| | | | | | | | | |
| Indicator value | 100.0% | 99.9% | 99.7% | 99.6% | 99.6% | 99.6% | 99.8% | 99.7% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



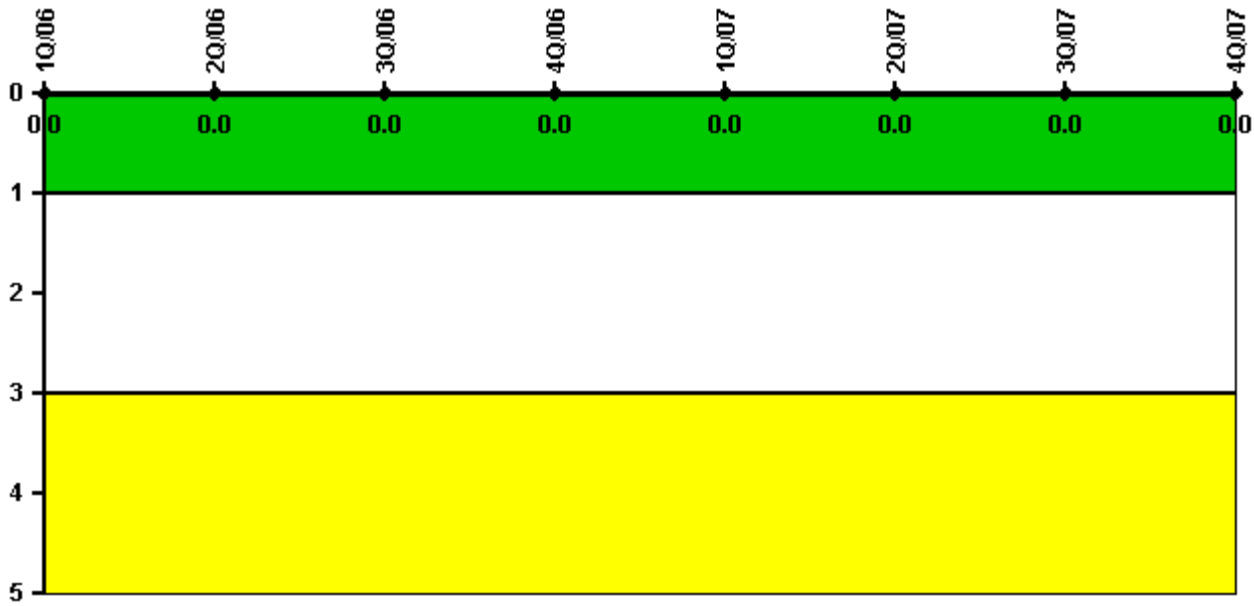
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/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.