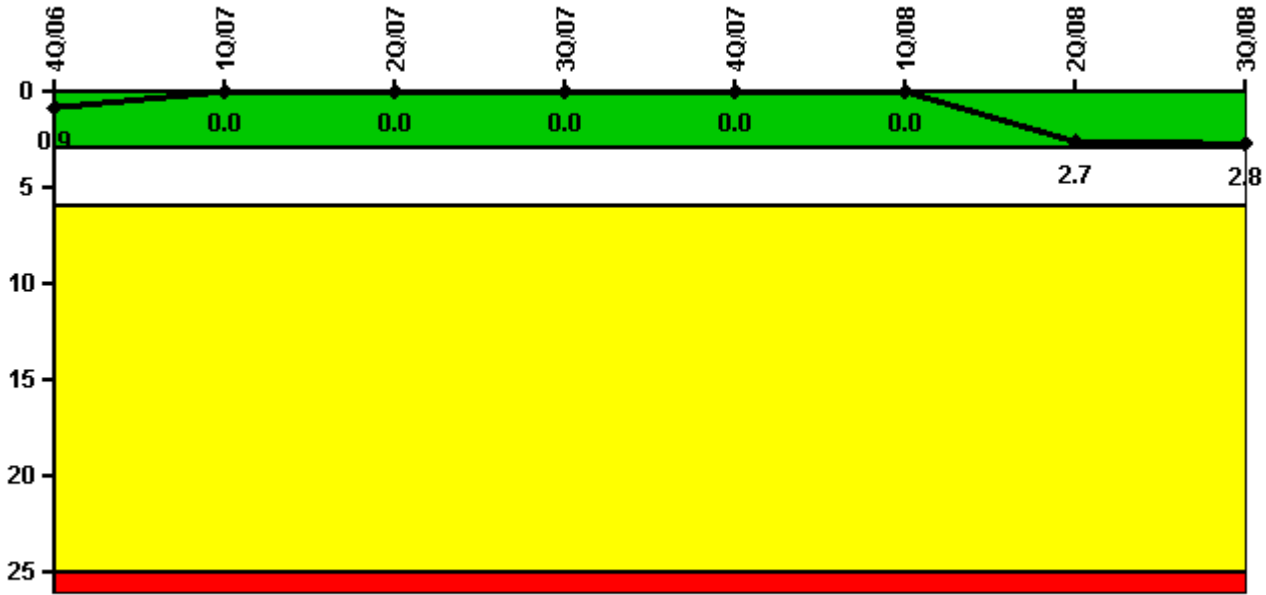


Millstone 2

3Q/2008 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



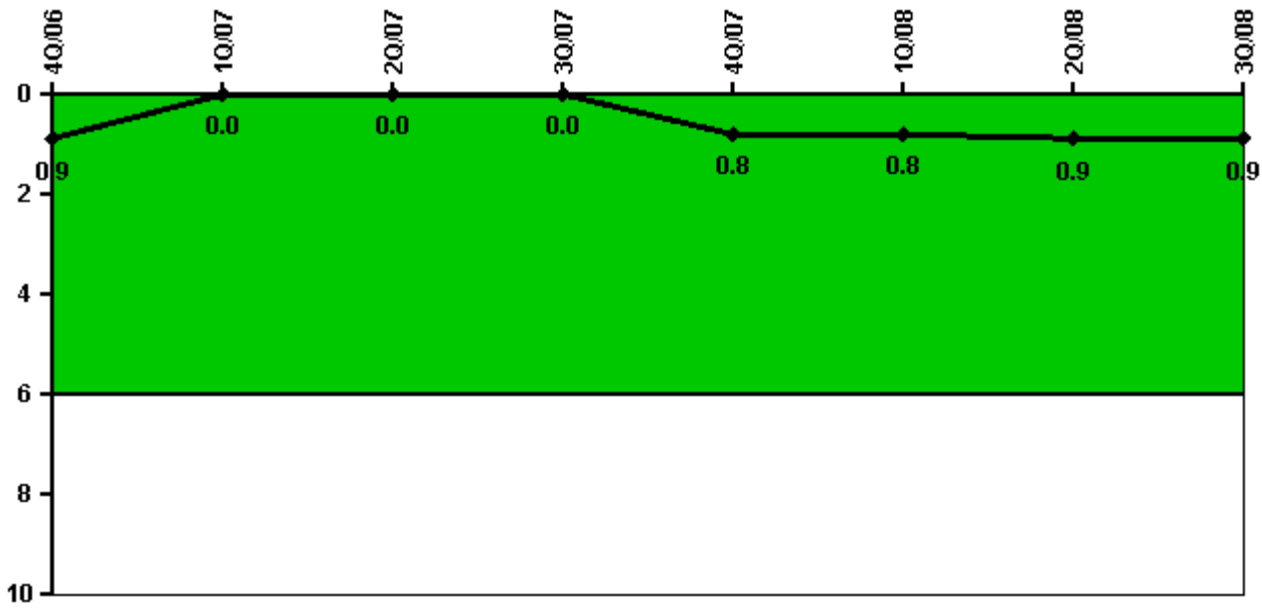
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 0 | 0 | 3.0 | 0 |
| Critical hours | 1177.1 | 2159.0 | 2184.0 | 2208.0 | 2209.0 | 2183.0 | 1039.0 | 2198.4 |
| Indicator value | 0.9 | 0 | 0 | 0 | 0 | 0 | 2.7 | 2.8 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



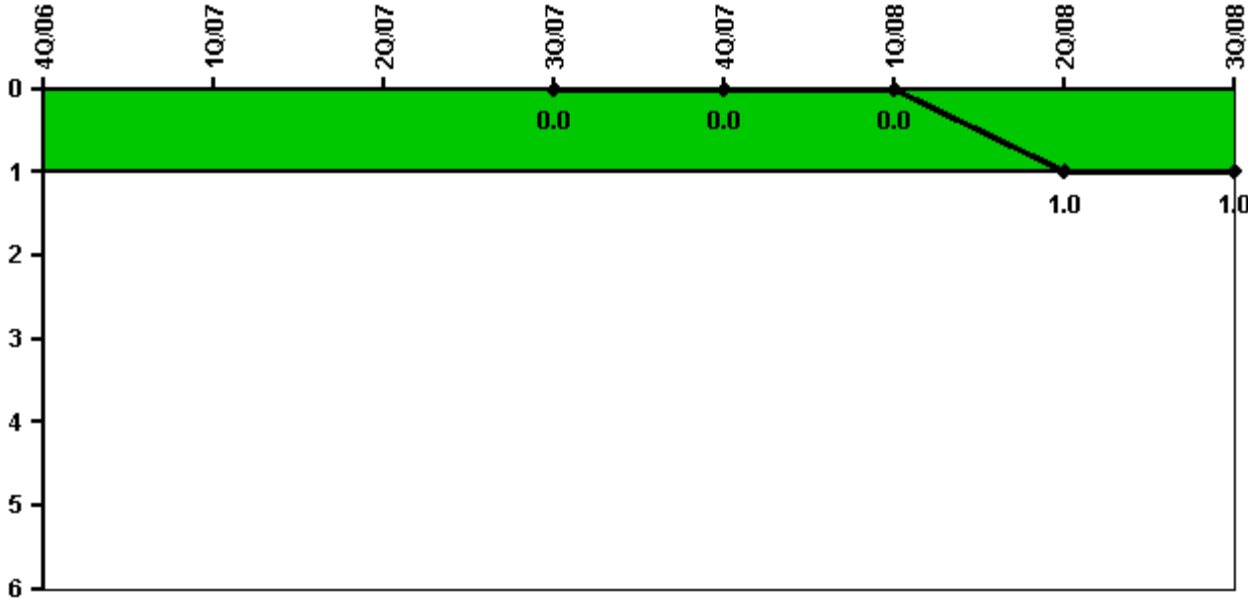
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes | 0 | 0 | 0 | 0 | 1.0 | 0 | 0 | 0 |
| Critical hours | 1177.1 | 2159.0 | 2184.0 | 2208.0 | 2209.0 | 2183.0 | 1039.0 | 2198.4 |
| Indicator value | 0.9 | 0 | 0 | 0 | 0.8 | 0.8 | 0.9 | 0.9 |

Licensee Comments: none

Unplanned Scrams with Complications



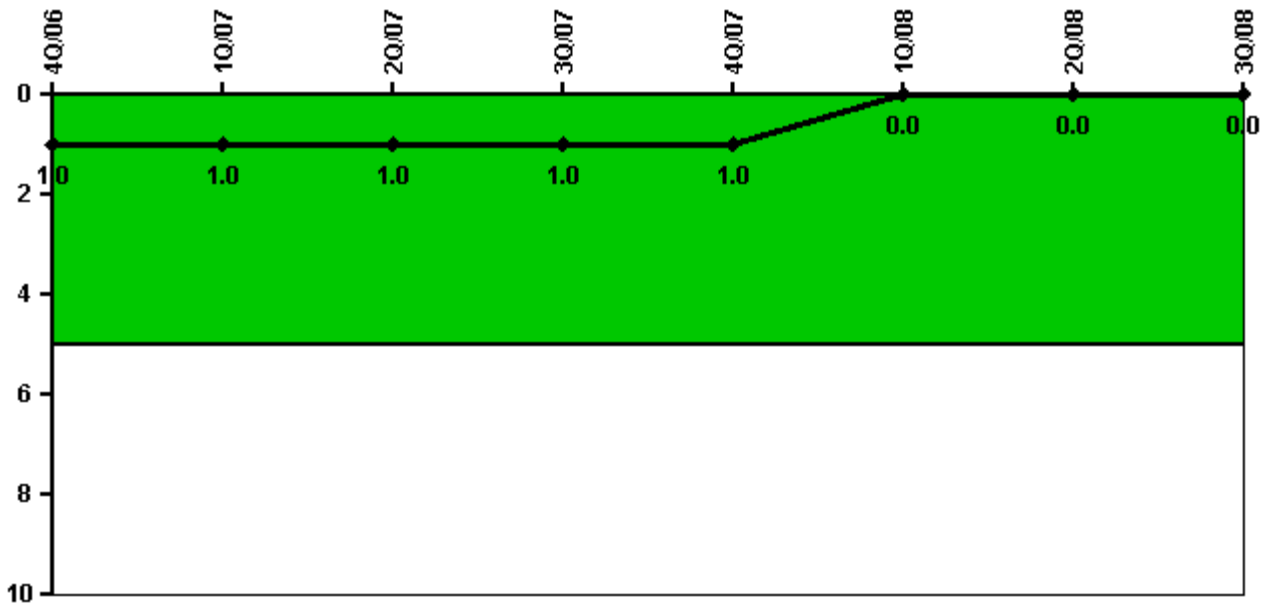
Thresholds: White > 1.0

Notes

| Unplanned Scrams with Complications | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 |
|-------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams with complications | 0 | 0 | 0 | 0 | 0 | 0 | 1.0 | 0 |
| | | | | | | | | |
| Indicator value | | | | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 |

Licensee Comments: none

Safety System Functional Failures (PWR)



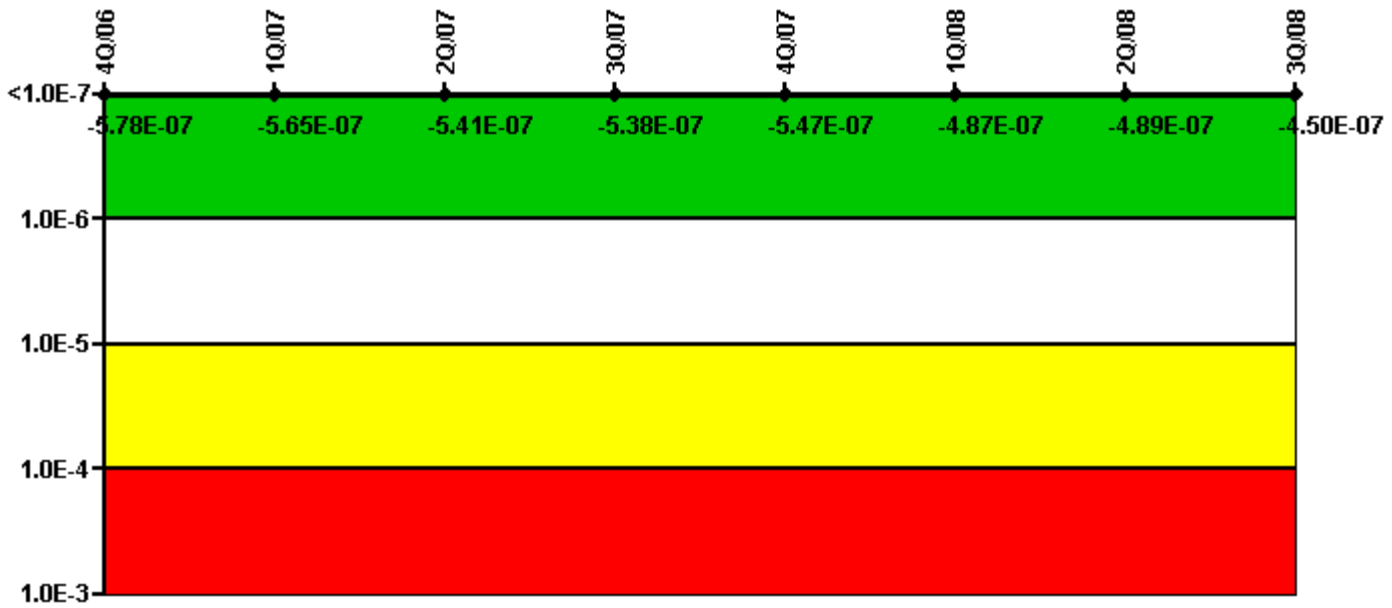
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



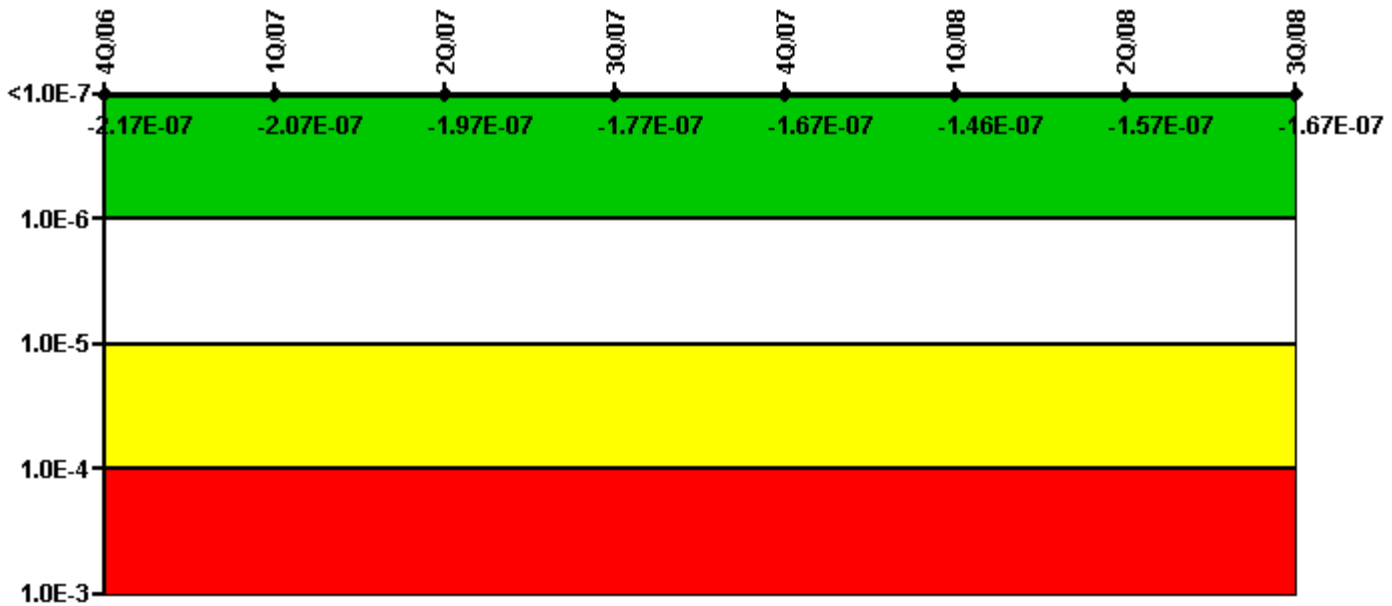
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (ΔCDF) | -3.80E-08 | -1.50E-08 | -1.40E-09 | 1.60E-09 | 3.30E-09 | 6.30E-08 | 8.10E-08 | 1.20E-07 |
| URI (ΔCDF) | -5.40E-07 | -5.50E-07 | -5.40E-07 | -5.40E-07 | -5.50E-07 | -5.50E-07 | -5.70E-07 | -5.70E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -5.78E-07 | -5.65E-07 | -5.41E-07 | -5.38E-07 | -5.47E-07 | -4.87E-07 | -4.89E-07 | -4.50E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



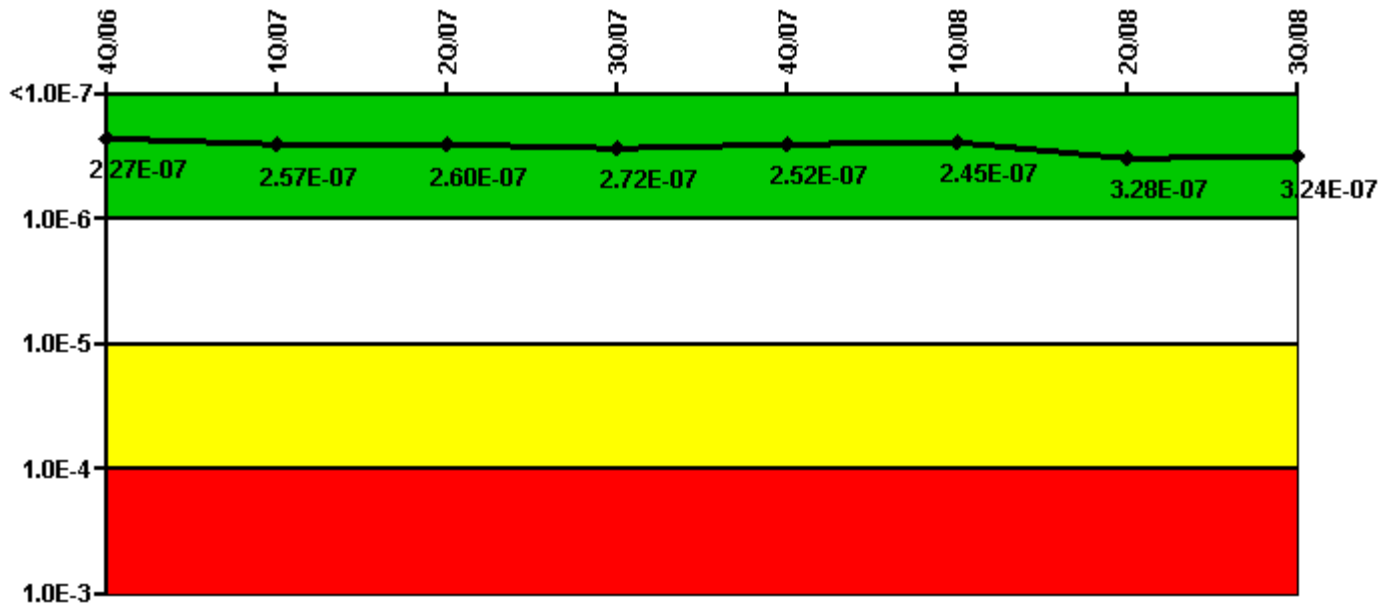
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -5.70E-08 | -5.70E-08 | -5.70E-08 | -5.70E-08 | -5.70E-08 | -5.70E-08 | -5.70E-08 | -5.70E-08 |
| URI (Δ CDF) | -1.60E-07 | -1.50E-07 | -1.40E-07 | -1.20E-07 | -1.10E-07 | -8.90E-08 | -1.00E-07 | -1.10E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -2.17E-07 | -2.07E-07 | -1.97E-07 | -1.77E-07 | -1.67E-07 | -1.46E-07 | -1.57E-07 | -1.67E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



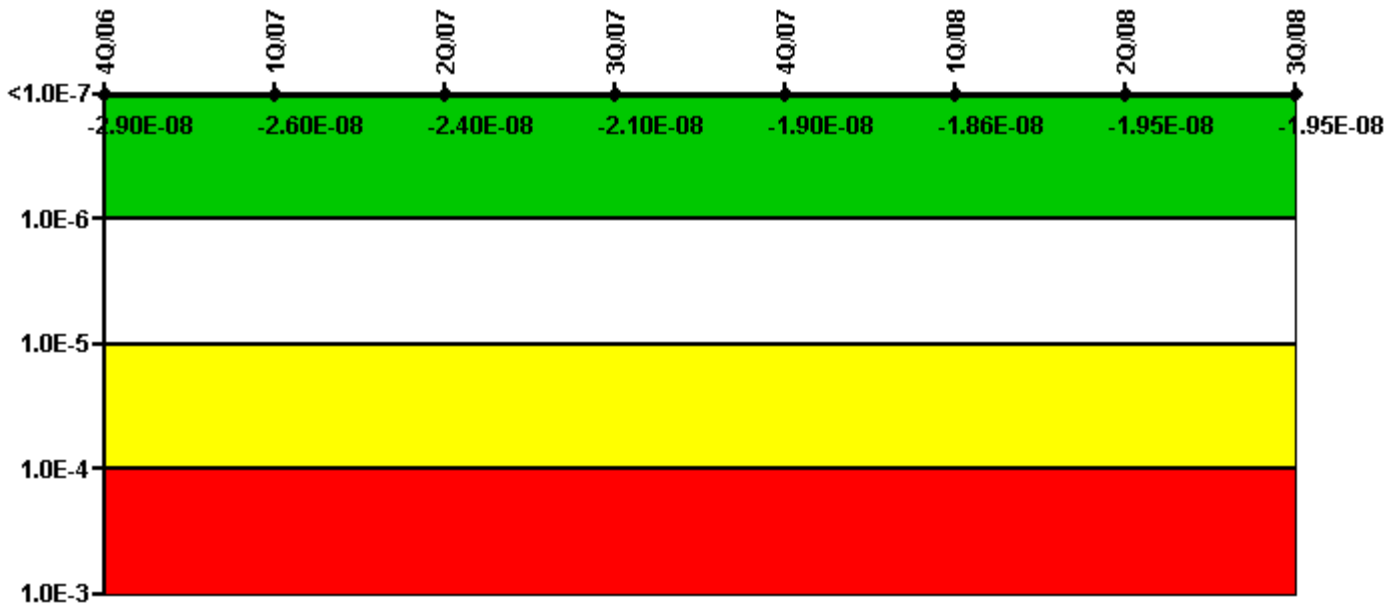
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Heat Removal System | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| UAI (Δ CDF) | 5.70E-08 | 5.70E-08 | 6.00E-08 | 6.20E-08 | 4.20E-08 | 4.50E-08 | 4.80E-08 | 4.40E-08 |
| URI (Δ CDF) | 1.70E-07 | 2.00E-07 | 2.00E-07 | 2.10E-07 | 2.10E-07 | 2.00E-07 | 2.80E-07 | 2.80E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 2.27E-07 | 2.57E-07 | 2.60E-07 | 2.72E-07 | 2.52E-07 | 2.45E-07 | 3.28E-07 | 3.24E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



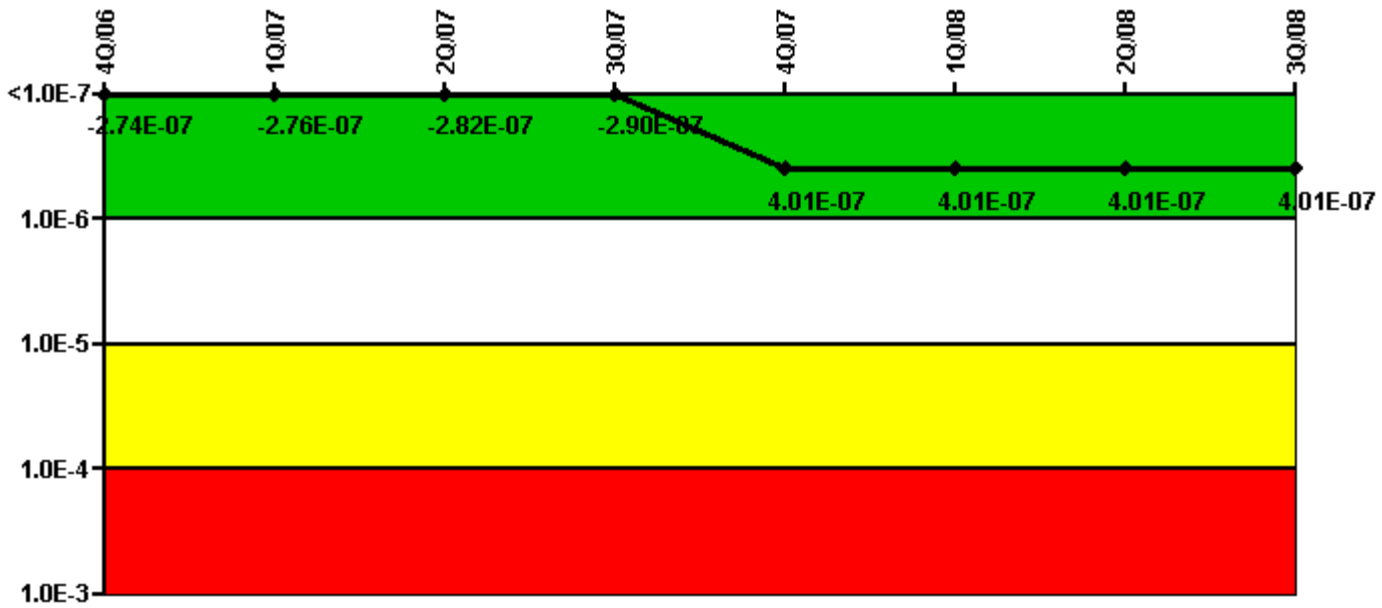
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -1.00E-09 | -1.00E-09 | -1.00E-09 | -1.00E-09 | -1.00E-09 | -5.70E-10 | -5.20E-10 | -5.10E-10 |
| URI (Δ CDF) | -2.80E-08 | -2.50E-08 | -2.30E-08 | -2.00E-08 | -1.80E-08 | -1.80E-08 | -1.90E-08 | -1.90E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -2.90E-08 | -2.60E-08 | -2.40E-08 | -2.10E-08 | -1.90E-08 | -1.86E-08 | -1.95E-08 | -1.95E-08 |

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



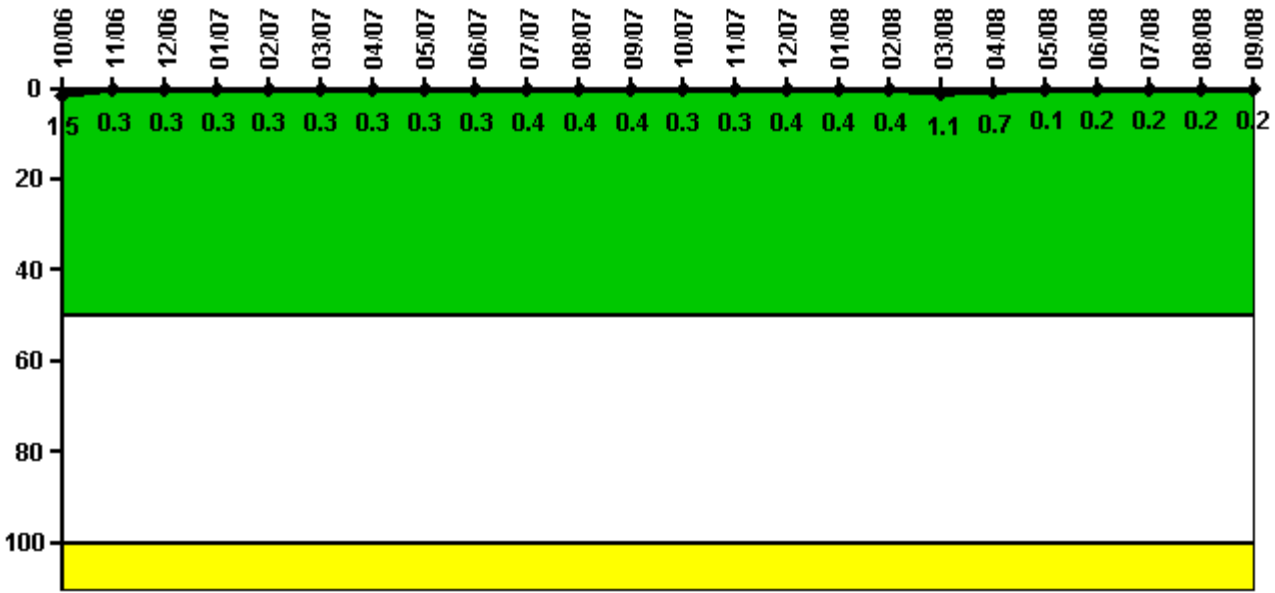
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -1.40E-08 | -1.60E-08 | -2.20E-08 | -3.00E-08 | -1.90E-08 | -1.90E-08 | -1.90E-08 | -1.90E-08 |
| URI (Δ CDF) | -2.60E-07 | -2.60E-07 | -2.60E-07 | -2.60E-07 | 4.20E-07 | 4.20E-07 | 4.20E-07 | 4.20E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -2.74E-07 | -2.76E-07 | -2.82E-07 | -2.90E-07 | 4.01E-07 | 4.01E-07 | 4.01E-07 | 4.01E-07 |

Licensee Comments: none

Reactor Coolant System Activity



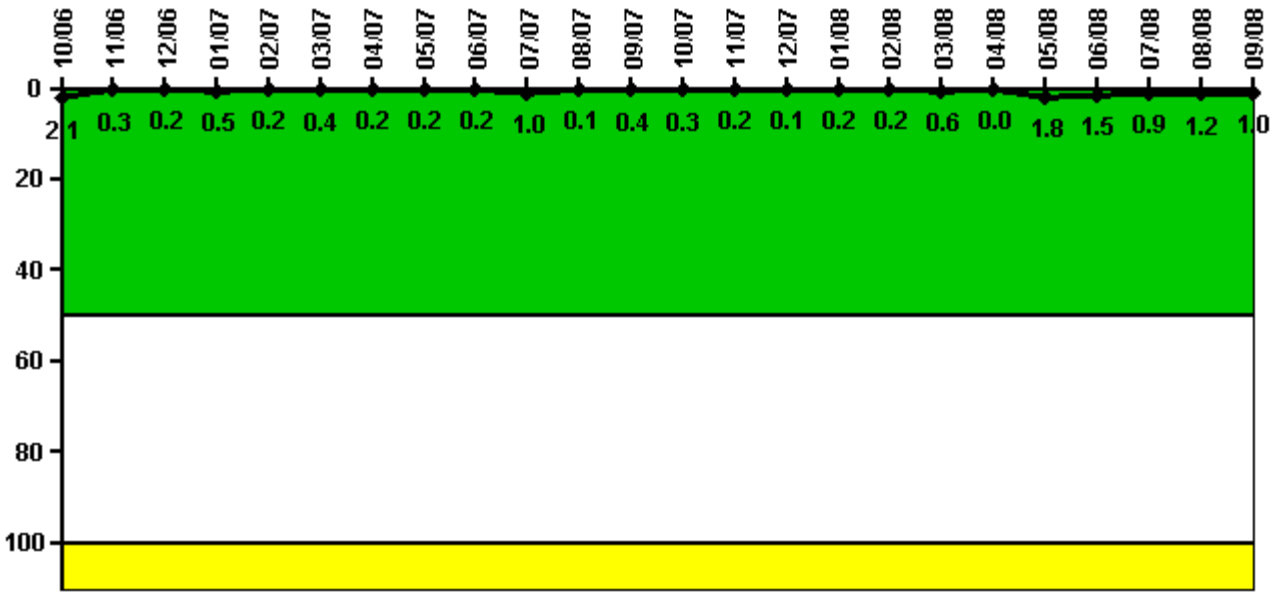
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Activity | 10/06 | 11/06 | 12/06 | 1/07 | 2/07 | 3/07 | 4/07 | 5/07 | 6/07 | 7/07 | 8/07 | 9/07 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.015000 | 0.002520 | 0.002840 | 0.002990 | 0.003130 | 0.003180 | 0.003240 | 0.003440 | 0.003400 | 0.003560 | 0.003560 | 0.003610 |
| 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 | 1.5 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.4 | 0.4 | 0.4 |
| Reactor Coolant System Activity | 10/07 | 11/07 | 12/07 | 1/08 | 2/08 | 3/08 | 4/08 | 5/08 | 6/08 | 7/08 | 8/08 | 9/08 |
| Maximum activity | 0.003320 | 0.003400 | 0.003510 | 0.003570 | 0.003680 | 0.010500 | 0.007390 | 0.001390 | 0.001550 | 0.001610 | 0.001690 | 0.001720 |
| 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 | 0.4 | 0.4 | 0.4 | 1.1 | 0.7 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 |

Licensee Comments: none

Reactor Coolant System Leakage



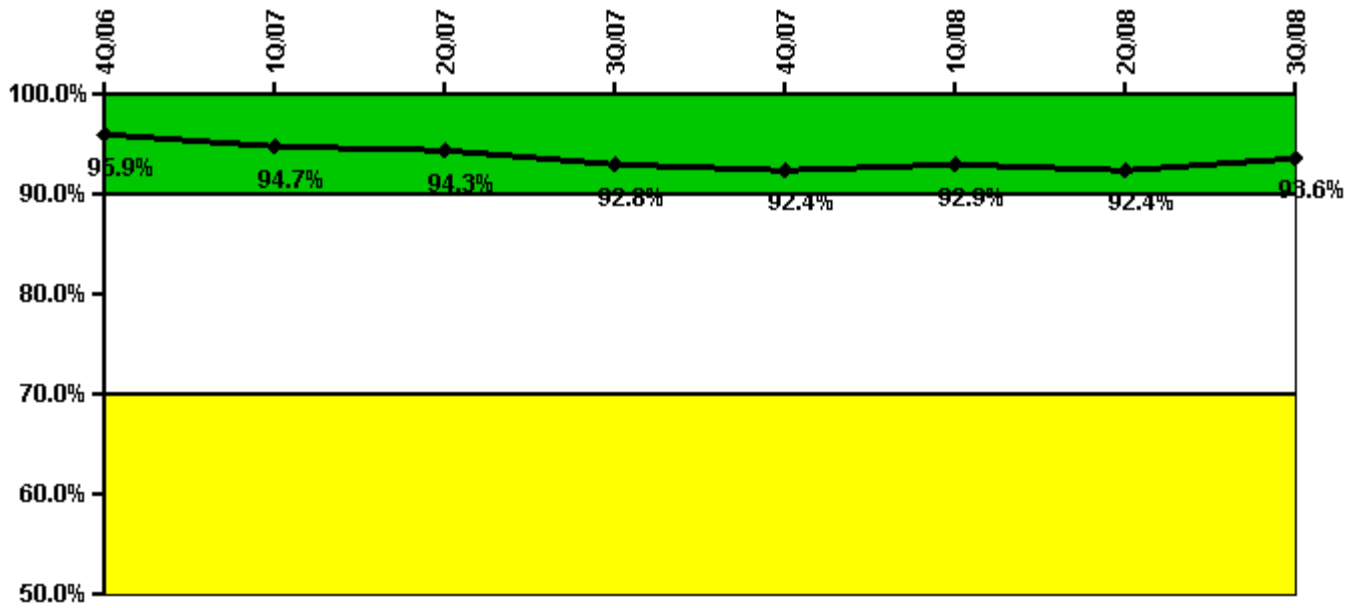
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Leakage | 10/06 | 11/06 | 12/06 | 1/07 | 2/07 | 3/07 | 4/07 | 5/07 | 6/07 | 7/07 | 8/07 | 9/07 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 0.210 | 0.025 | 0.024 | 0.051 | 0.023 | 0.039 | 0.015 | 0.024 | 0.018 | 0.096 | 0.012 | 0.035 |
| 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 | 2.1 | 0.3 | 0.2 | 0.5 | 0.2 | 0.4 | 0.2 | 0.2 | 0.2 | 1.0 | 0.1 | 0.4 |
| Reactor Coolant System Leakage | 10/07 | 11/07 | 12/07 | 1/08 | 2/08 | 3/08 | 4/08 | 5/08 | 6/08 | 7/08 | 8/08 | 9/08 |
| Maximum leakage | 0.033 | 0.024 | 0.014 | 0.018 | 0.020 | 0.061 | 0.004 | 0.180 | 0.145 | 0.093 | 0.124 | 0.096 |
| 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 | 0.3 | 0.2 | 0.1 | 0.2 | 0.2 | 0.6 | 0 | 1.8 | 1.5 | 0.9 | 1.2 | 1.0 |

Licensee Comments: none

Drill/Exercise Performance



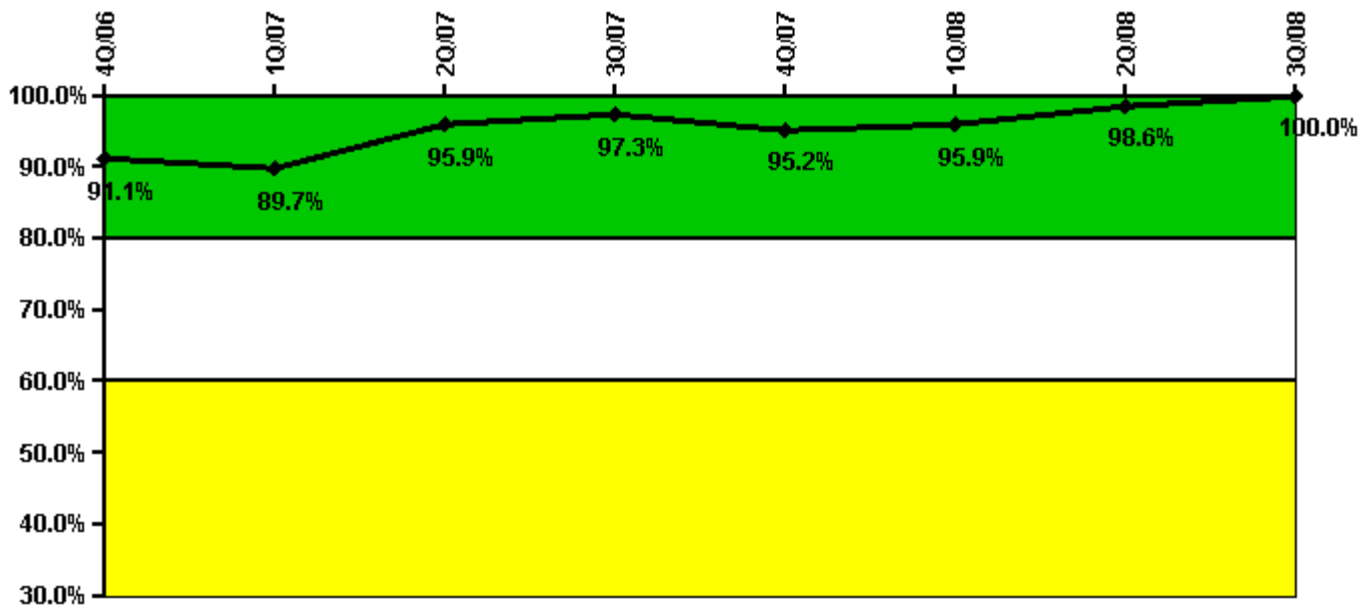
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 0 | 10.0 | 42.0 | 30.0 | 36.0 | 35.0 | 38.0 | 57.0 |
| Total opportunities | 0 | 12.0 | 45.0 | 31.0 | 40.0 | 37.0 | 41.0 | 59.0 |
| Indicator value | 95.9% | 94.7% | 94.3% | 92.8% | 92.4% | 92.9% | 92.4% | 93.6% |

Licensee Comments: none

ERO Drill Participation



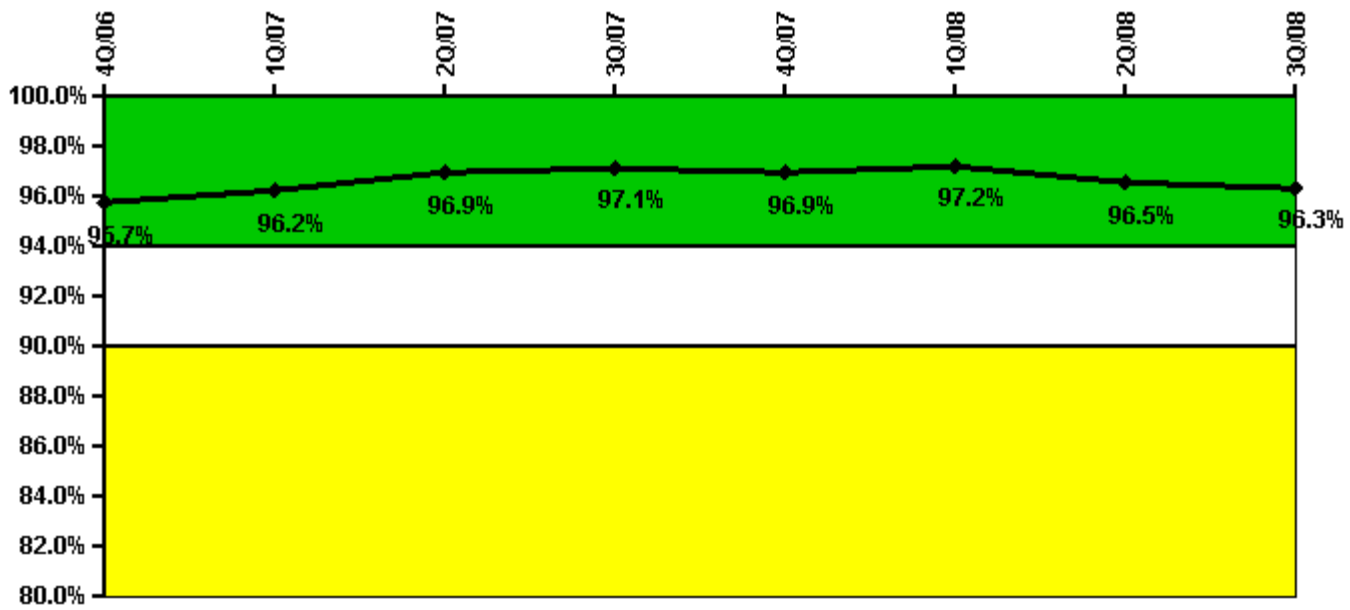
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|--------|
| Participating Key personnel | 133.0 | 130.0 | 139.0 | 145.0 | 140.0 | 141.0 | 144.0 | 147.0 |
| Total Key personnel | 146.0 | 145.0 | 145.0 | 149.0 | 147.0 | 147.0 | 146.0 | 147.0 |
| | | | | | | | | |
| Indicator value | 91.1% | 89.7% | 95.9% | 97.3% | 95.2% | 95.9% | 98.6% | 100.0% |

Licensee Comments: none

Alert & Notification System



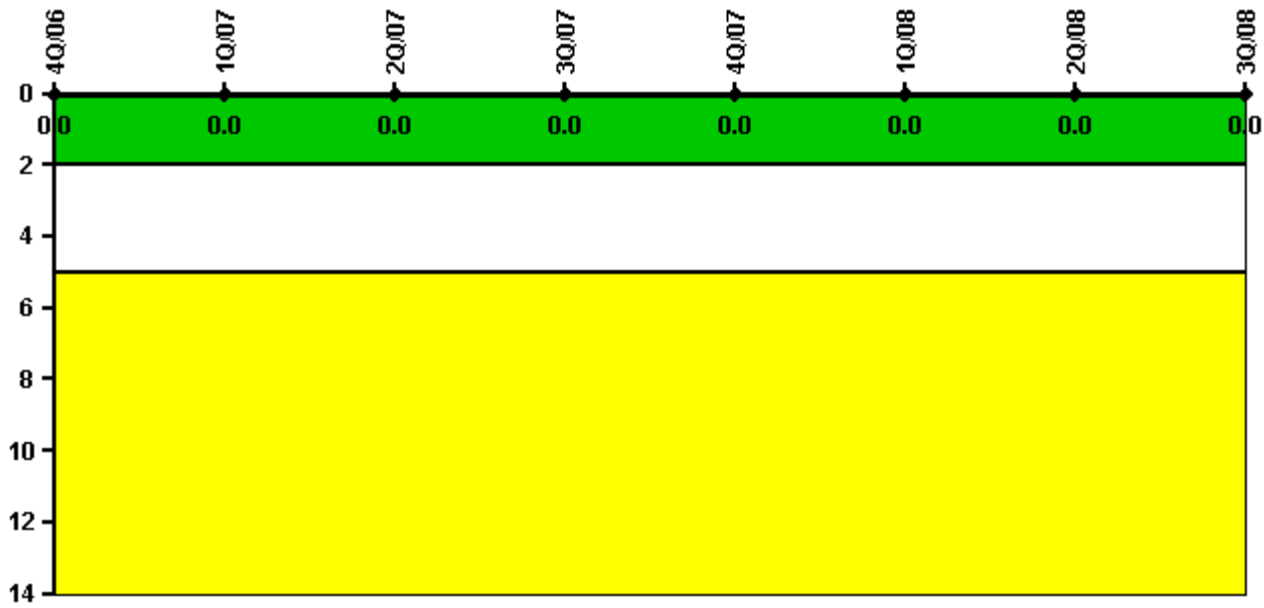
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 310 | 312 | 314 | 453 | 308 | 316 | 304 | 450 |
| Total sirens-tests | 318 | 318 | 318 | 477 | 318 | 318 | 318 | 477 |
| Indicator value | 95.7% | 96.2% | 96.9% | 97.1% | 96.9% | 97.2% | 96.5% | 96.3% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



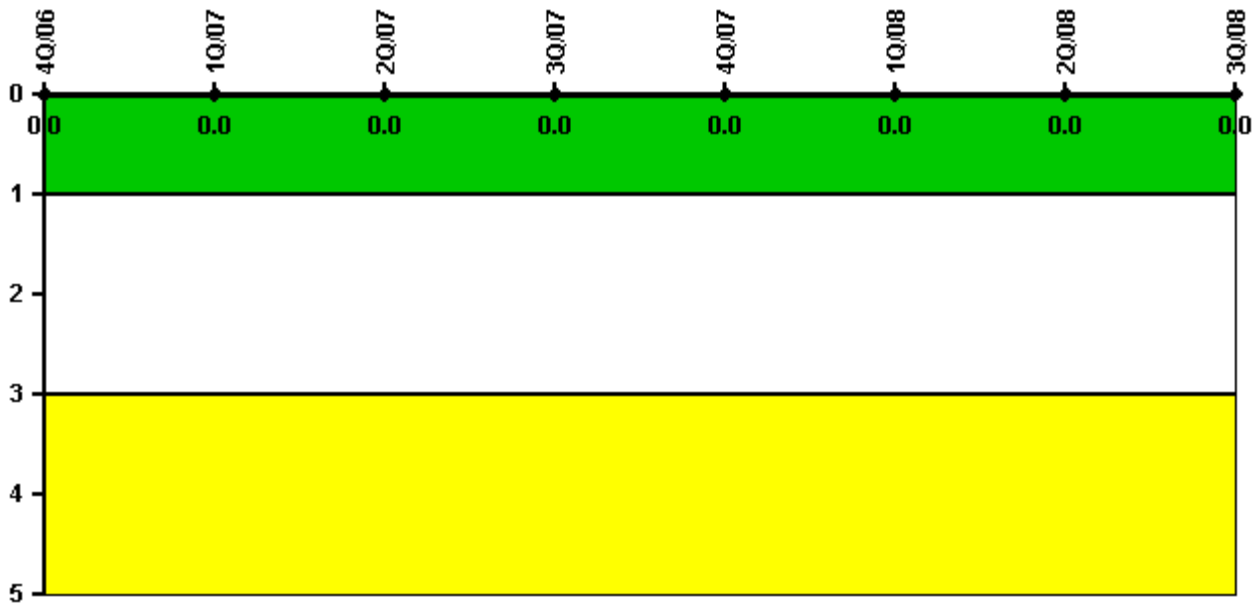
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/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 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/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

[Security](#) information not publicly available.