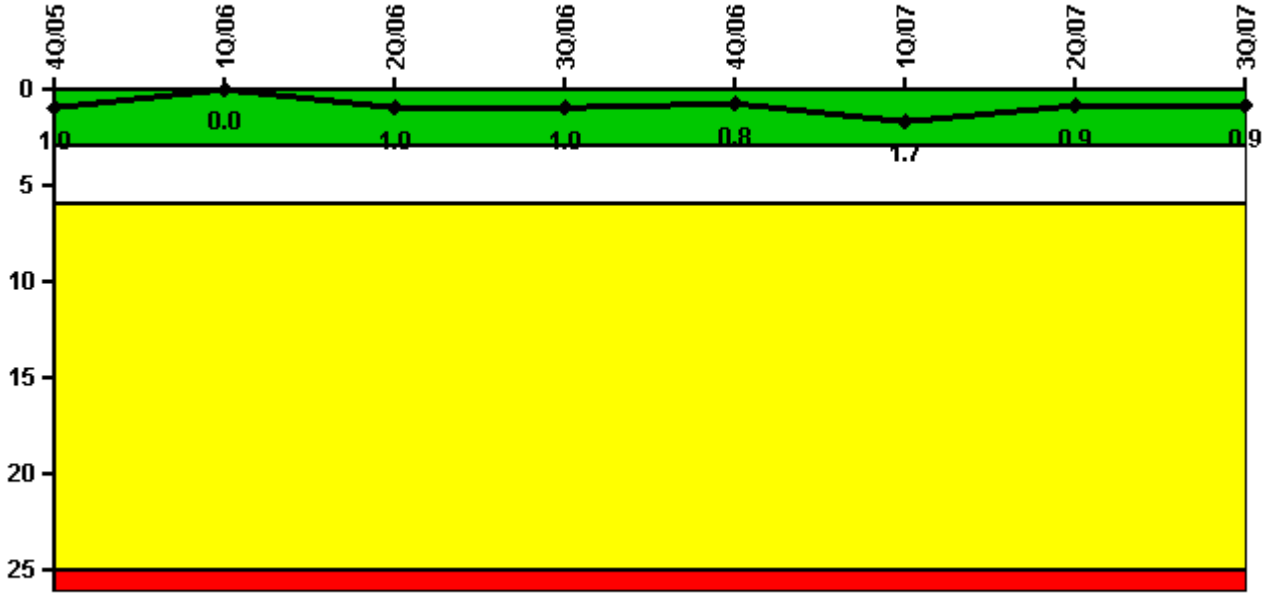


Callaway

3Q/2007 Performance Indicators

Licensee's General Comments: The MSPI Basis Document was revised and revision 1 issued on September 25, 2007, to reflect updated demand and run-hour estimates for pumps in the MS07, MS08, MS09 and MS10 indicators.

Unplanned Scrams per 7000 Critical Hrs



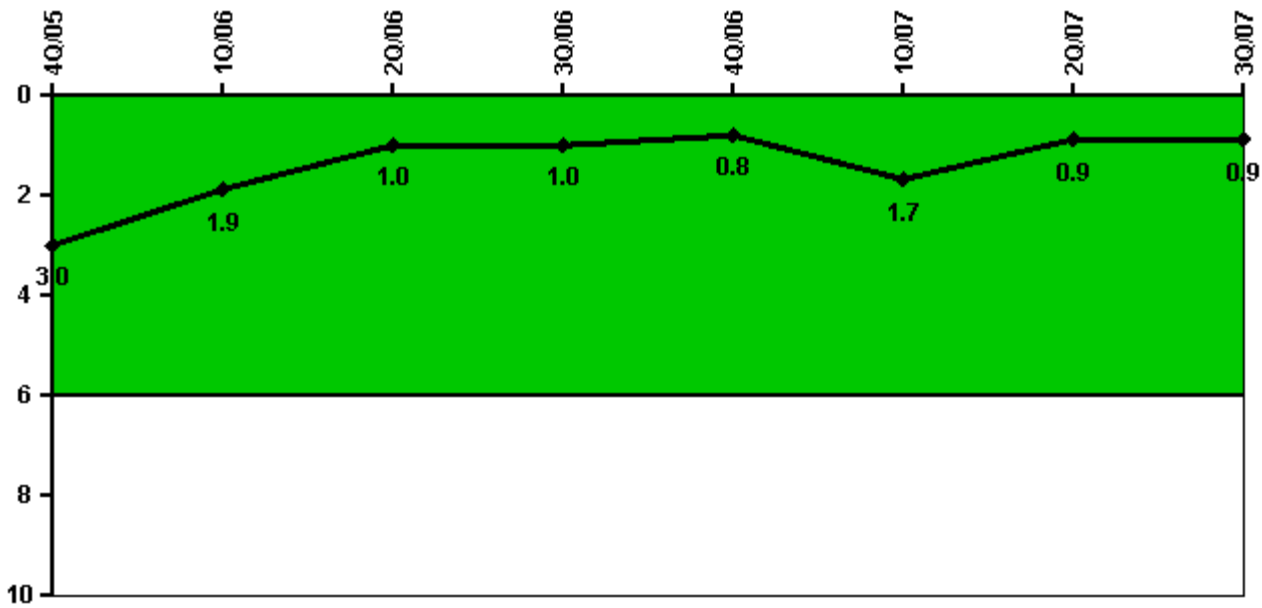
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 0 | 1.0 | 0 | 0 | 1.0 | 0 | 0 |
| Critical hours | 1073.5 | 2160.0 | 1780.8 | 2208.0 | 2209.0 | 2081.3 | 1314.3 | 2208.0 |
| Indicator value | 1.0 | 0 | 1.0 | 1.0 | 0.8 | 1.7 | 0.9 | 0.9 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



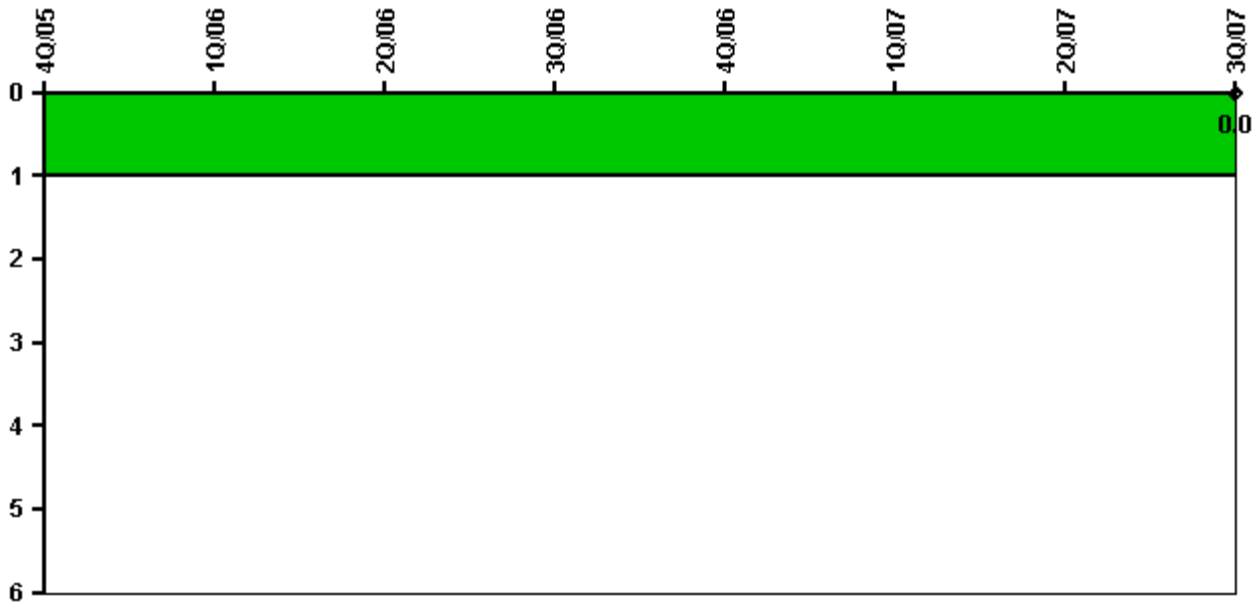
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes | 0 | 0 | 1.0 | 0 | 0 | 1.0 | 0 | 0 |
| Critical hours | 1073.5 | 2160.0 | 1780.8 | 2208.0 | 2209.0 | 2081.3 | 1314.3 | 2208.0 |
| Indicator value | 3.0 | 1.9 | 1.0 | 1.0 | 0.8 | 1.7 | 0.9 | 0.9 |

Licensee Comments: none

Unplanned Scrams with Complications



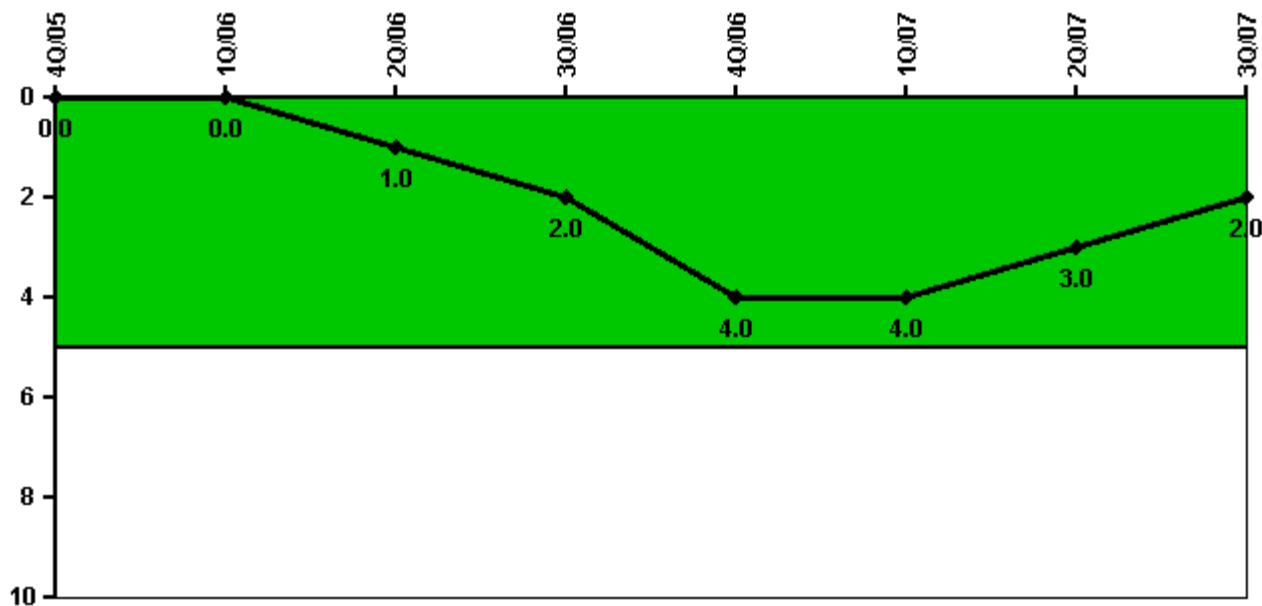
Thresholds: White > 1.0

Notes

| Unplanned Scrams with Complications | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 |
|-------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams with complications | | | | | 0 | 0 | 0 | 0 |
| | | | | | | | | |
| Indicator value | | | | | | | | 0.0 |

Licensee Comments: none

Safety System Functional Failures (PWR)



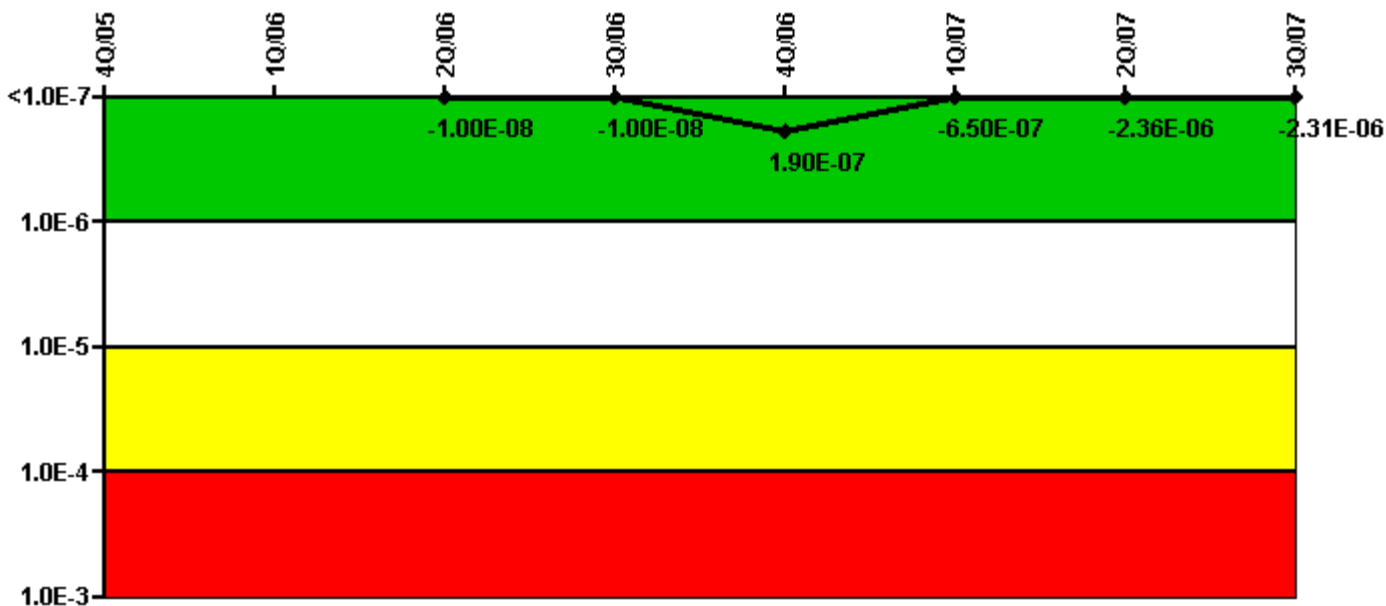
Thresholds: White > 5.0

Notes

| Safety System Functional Failures (PWR) | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 1 | 2 | 4 | 4 | 3 | 2 |

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



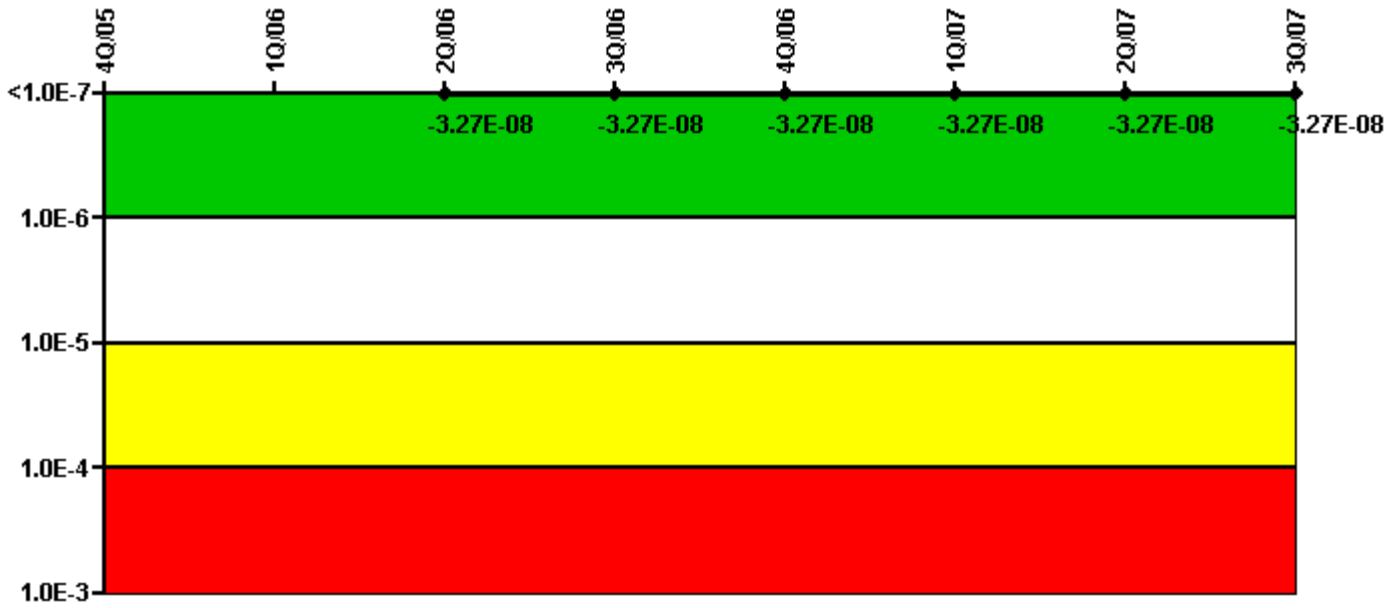
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 |
|---|-------|-------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | | | 6.00E-07 | 6.00E-07 | 8.00E-07 | 4.50E-07 | 3.40E-07 | 3.90E-07 |
| URI (Δ CDF) | | | -6.10E-07 | -6.10E-07 | -6.10E-07 | -1.10E-06 | -2.70E-06 | -2.70E-06 |
| PLE | | | NO | NO | NO | NO | NO | NO |
| Indicator value | | | -1.00E-08 | -1.00E-08 | 1.90E-07 | -6.50E-07 | -2.36E-06 | -2.31E-06 |

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



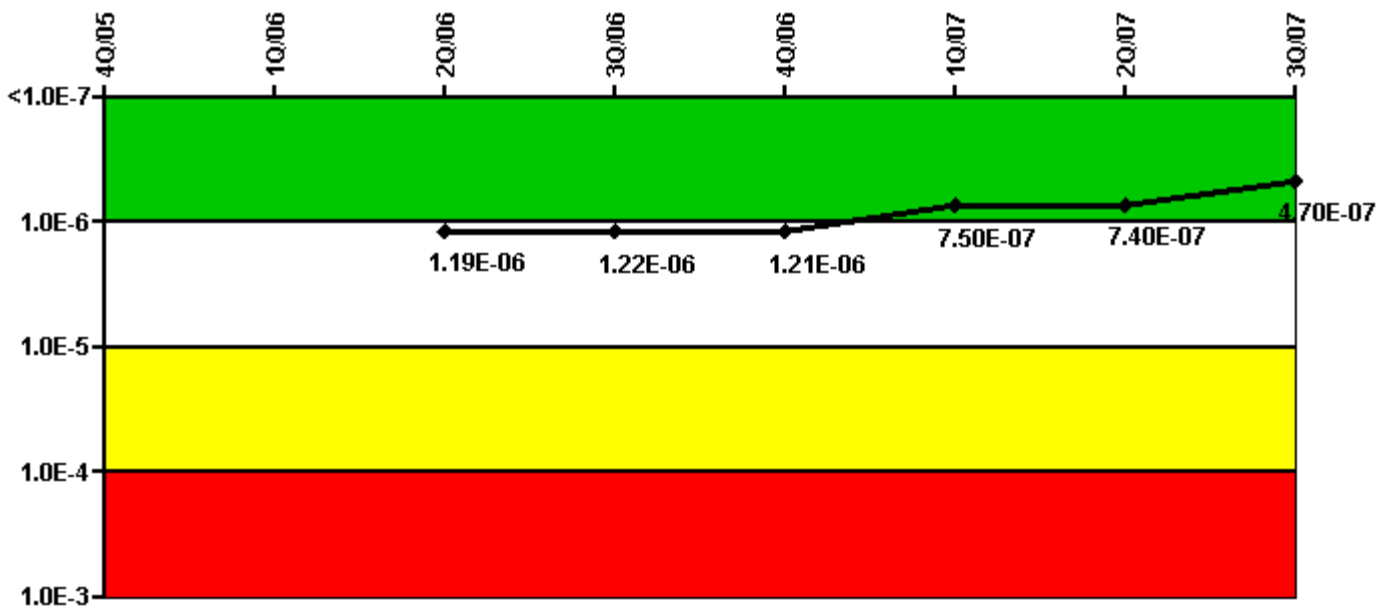
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 |
|--|-------|-------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | | | -4.70E-09 | -4.70E-09 | -4.70E-09 | -4.70E-09 | -4.70E-09 | -4.70E-09 |
| URI (Δ CDF) | | | -2.80E-08 | -2.80E-08 | -2.80E-08 | -2.80E-08 | -2.80E-08 | -2.80E-08 |
| PLE | | | NO | NO | NO | NO | NO | NO |
| Indicator value | | | -3.27E-08 | -3.27E-08 | -3.27E-08 | -3.27E-08 | -3.27E-08 | -3.27E-08 |

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



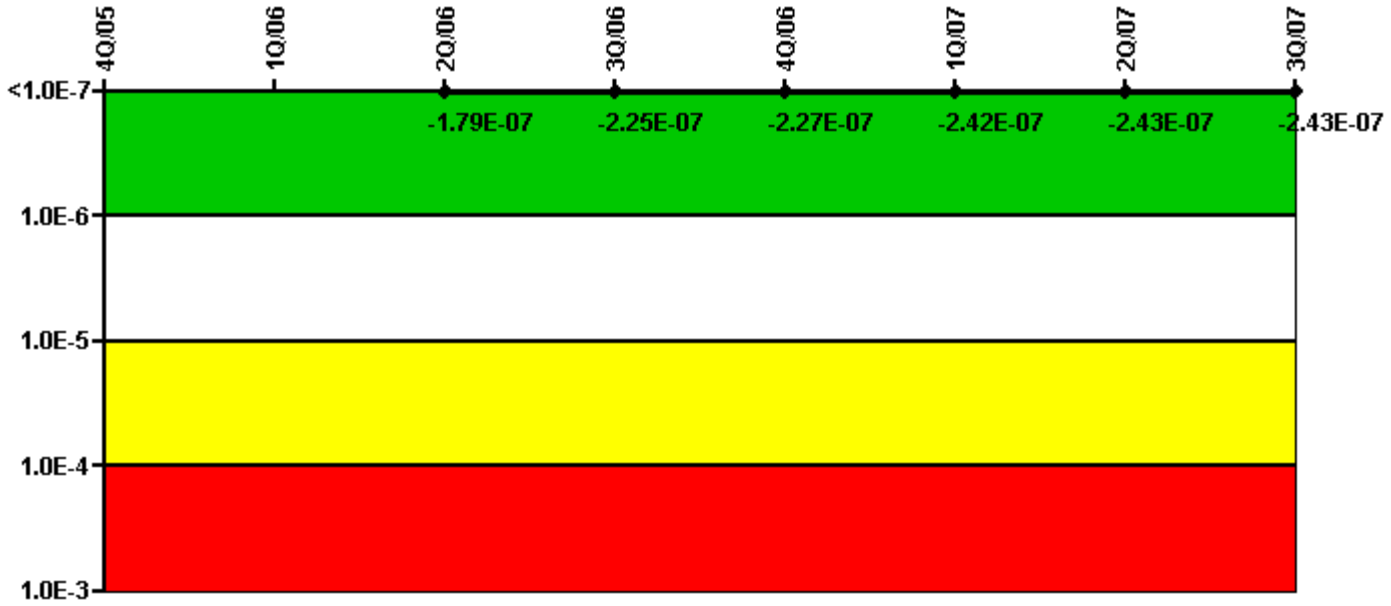
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Heat Removal System | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 |
|---|-------|-------|----------|----------|----------|----------|----------|----------|
| UAI (Δ CDF) | | | 4.20E-07 | 4.50E-07 | 4.40E-07 | 4.20E-07 | 4.10E-07 | 1.70E-07 |
| URI (Δ CDF) | | | 7.70E-07 | 7.70E-07 | 7.70E-07 | 3.30E-07 | 3.30E-07 | 3.00E-07 |
| PLE | | | NO | NO | NO | NO | NO | NO |
| Indicator value | | | 1.19E-06 | 1.22E-06 | 1.21E-06 | 7.50E-07 | 7.40E-07 | 4.70E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



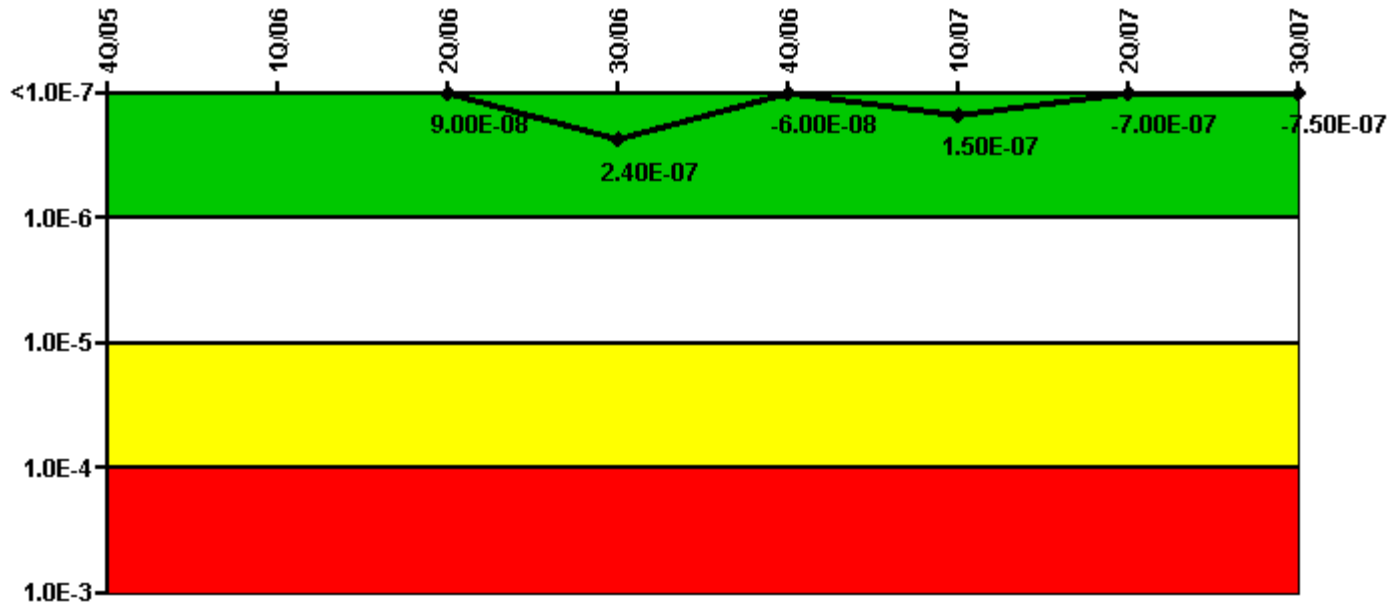
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 |
|--|-------|-------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | | | 4.10E-08 | -5.30E-09 | -6.90E-09 | -2.20E-08 | -2.30E-08 | -2.30E-08 |
| URI (Δ CDF) | | | -2.20E-07 | -2.20E-07 | -2.20E-07 | -2.20E-07 | -2.20E-07 | -2.20E-07 |
| PLE | | | NO | NO | NO | NO | NO | NO |
| Indicator value | | | -1.79E-07 | -2.25E-07 | -2.27E-07 | -2.42E-07 | -2.43E-07 | -2.43E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



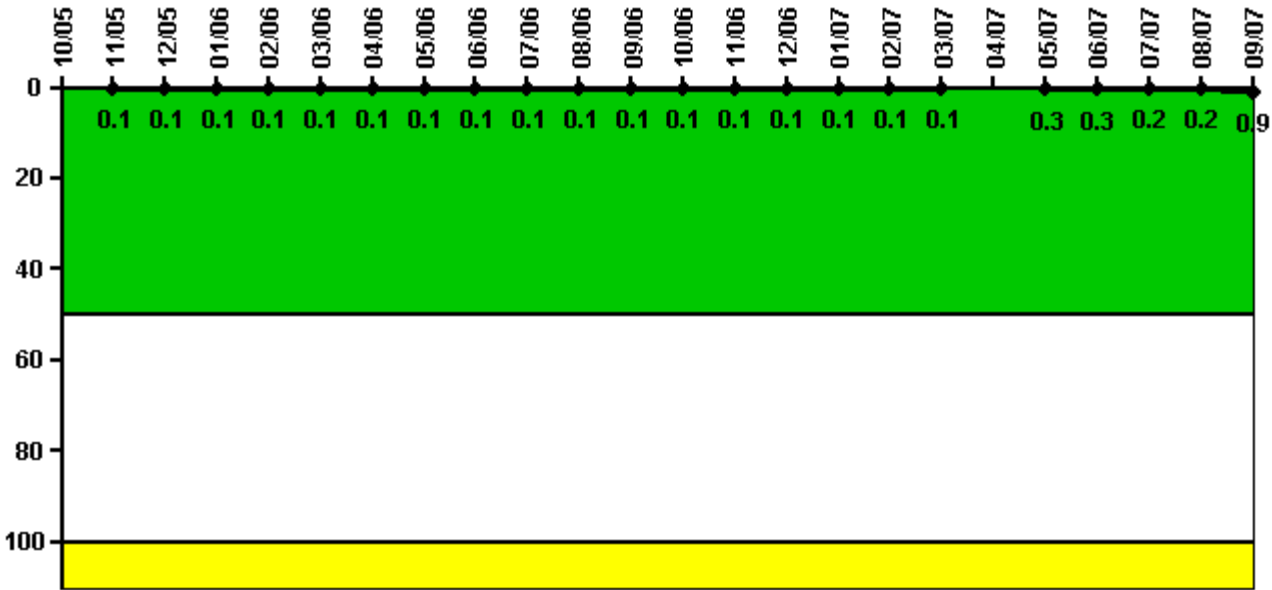
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 |
|---|-------|-------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (ΔCDF) | | | 7.00E-07 | 8.50E-07 | 5.90E-07 | 8.00E-07 | 4.00E-07 | 3.50E-07 |
| URI (ΔCDF) | | | -6.10E-07 | -6.10E-07 | -6.50E-07 | -6.50E-07 | -1.10E-06 | -1.10E-06 |
| PLE | | | NO | NO | NO | NO | NO | NO |
| Indicator value | | | 9.00E-08 | 2.40E-07 | -6.00E-08 | 1.50E-07 | -7.00E-07 | -7.50E-07 |

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

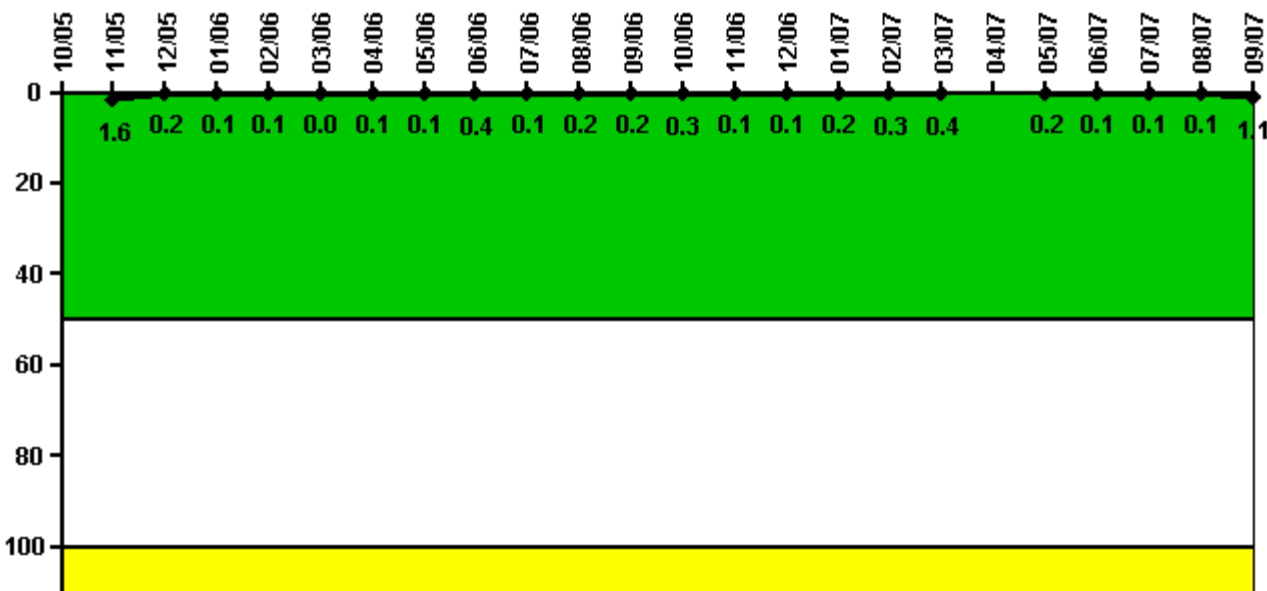
Notes

| Reactor Coolant System Activity | 10/05 | 11/05 | 12/05 | 1/06 | 2/06 | 3/06 | 4/06 | 5/06 | 6/06 | 7/06 | 8/06 | 9/06 |
|---------------------------------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | N/A | 0.000540 | 0.000544 | 0.000581 | 0.000548 | 0.000550 | 0.000597 | 0.000558 | 0.000583 | 0.000627 | 0.000645 | 0.000643 |
| 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 | N/A | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |

| 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 | 0.000654 | 0.000675 | 0.000670 | 0.000978 | 0.000831 | 0.001050 | N/A | 0.002530 | 0.002730 | 0.002440 | 0.002240 | 0.008790 |
| 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 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | N/A | 0.3 | 0.3 | 0.2 | 0.2 | 0.9 |

Licensee Comments: none

Reactor Coolant System Leakage



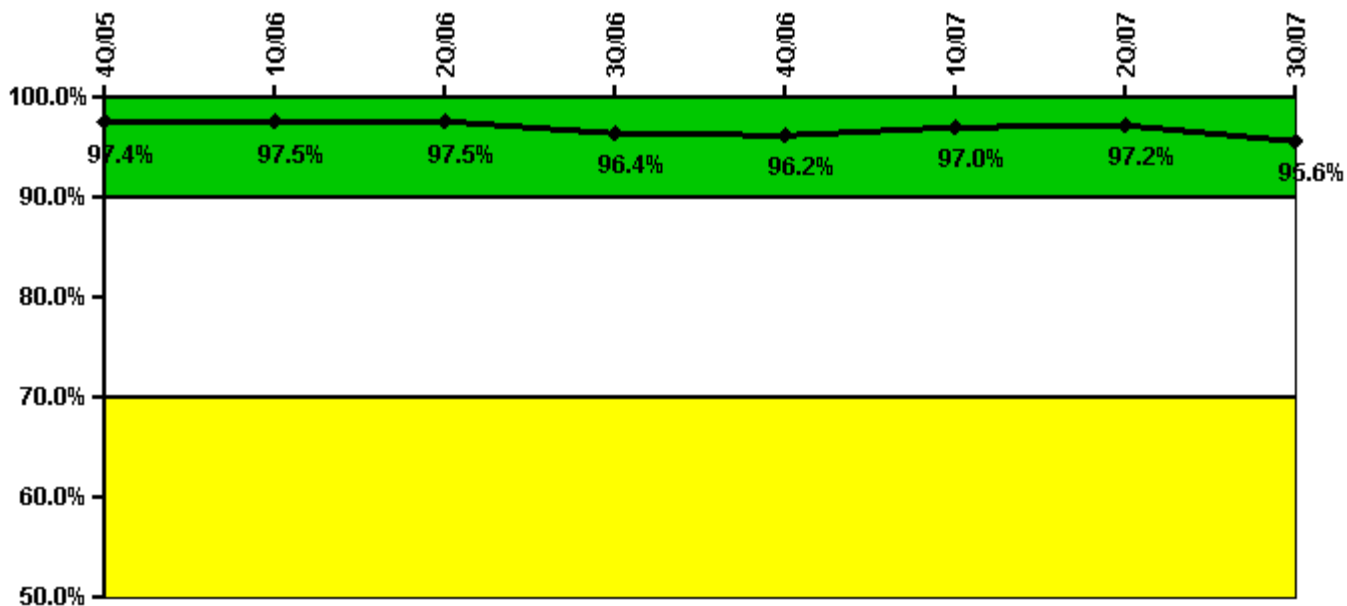
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Leakage | 10/05 | 11/05 | 12/05 | 1/06 | 2/06 | 3/06 | 4/06 | 5/06 | 6/06 | 7/06 | 8/06 | 9/06 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | N/A | 0.156 | 0.023 | 0.013 | 0.007 | 0.003 | 0.005 | 0.014 | 0.035 | 0.012 | 0.016 | 0.023 |
| 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 | N/A | 1.6 | 0.2 | 0.1 | 0.1 | 0 | 0.1 | 0.1 | 0.4 | 0.1 | 0.2 | 0.2 |
| 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 | 0.028 | 0.013 | 0.014 | 0.016 | 0.025 | 0.037 | N/A | 0.016 | 0.013 | 0.013 | 0.013 | 0.105 |
| 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 | 0.1 | 0.1 | 0.2 | 0.3 | 0.4 | N/A | 0.2 | 0.1 | 0.1 | 0.1 | 1.1 |

Licensee Comments: none

Drill/Exercise Performance



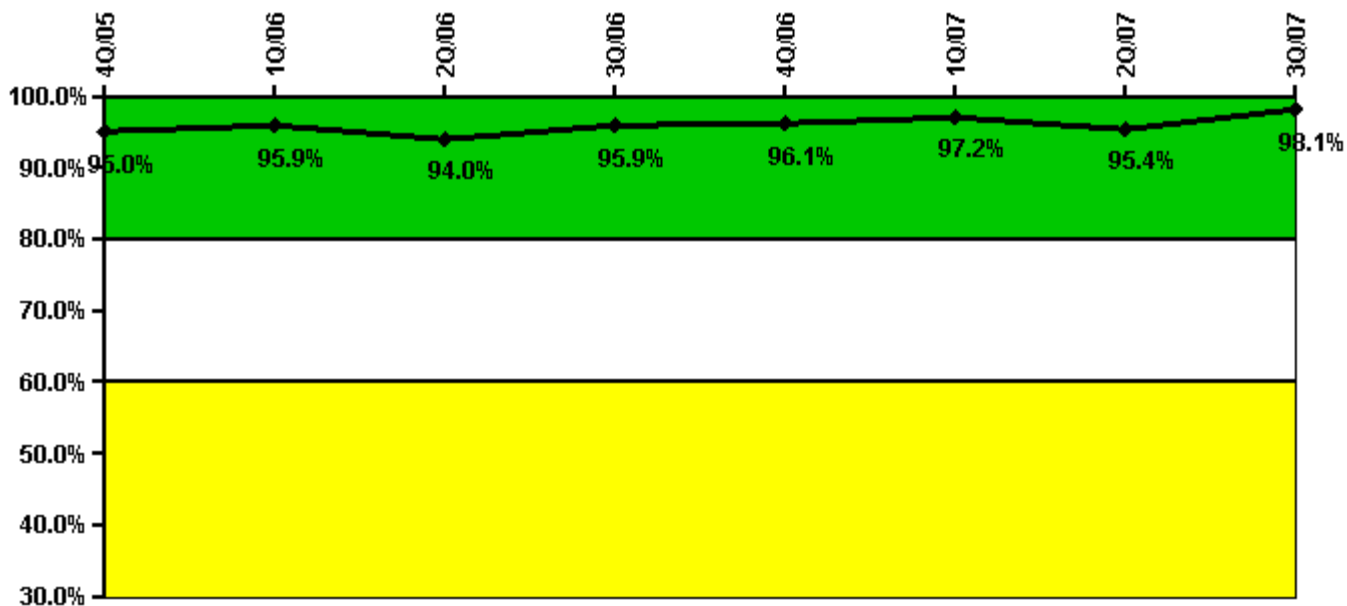
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 0 | 36.0 | 0 | 27.0 | 31.0 | 18.0 | 14.0 | 46.0 |
| Total opportunities | 0 | 36.0 | 0 | 30.0 | 32.0 | 18.0 | 14.0 | 50.0 |
| | | | | | | | | |
| Indicator value | 97.4% | 97.5% | 97.5% | 96.4% | 96.2% | 97.0% | 97.2% | 95.6% |

Licensee Comments: none

ERO Drill Participation



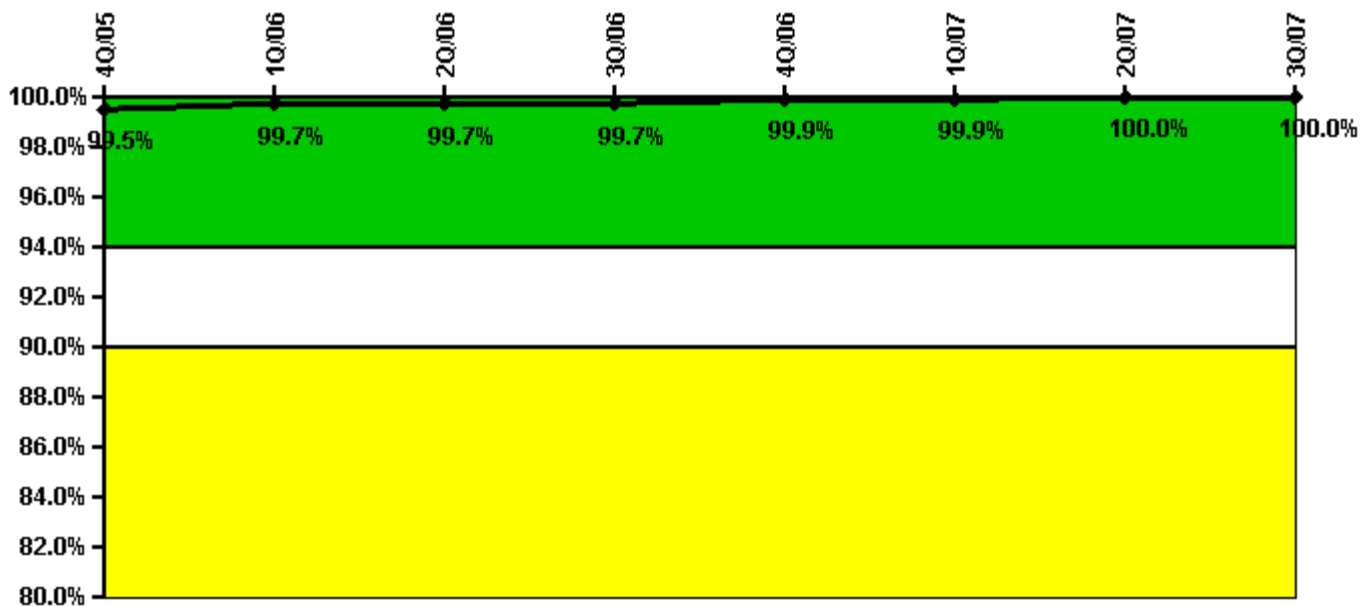
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Participating Key personnel | 95.0 | 94.0 | 94.0 | 93.0 | 99.0 | 105.0 | 103.0 | 103.0 |
| Total Key personnel | 100.0 | 98.0 | 100.0 | 97.0 | 103.0 | 108.0 | 108.0 | 105.0 |
| | | | | | | | | |
| Indicator value | 95.0% | 95.9% | 94.0% | 95.9% | 96.1% | 97.2% | 95.4% | 98.1% |

Licensee Comments: none

Alert & Notification System



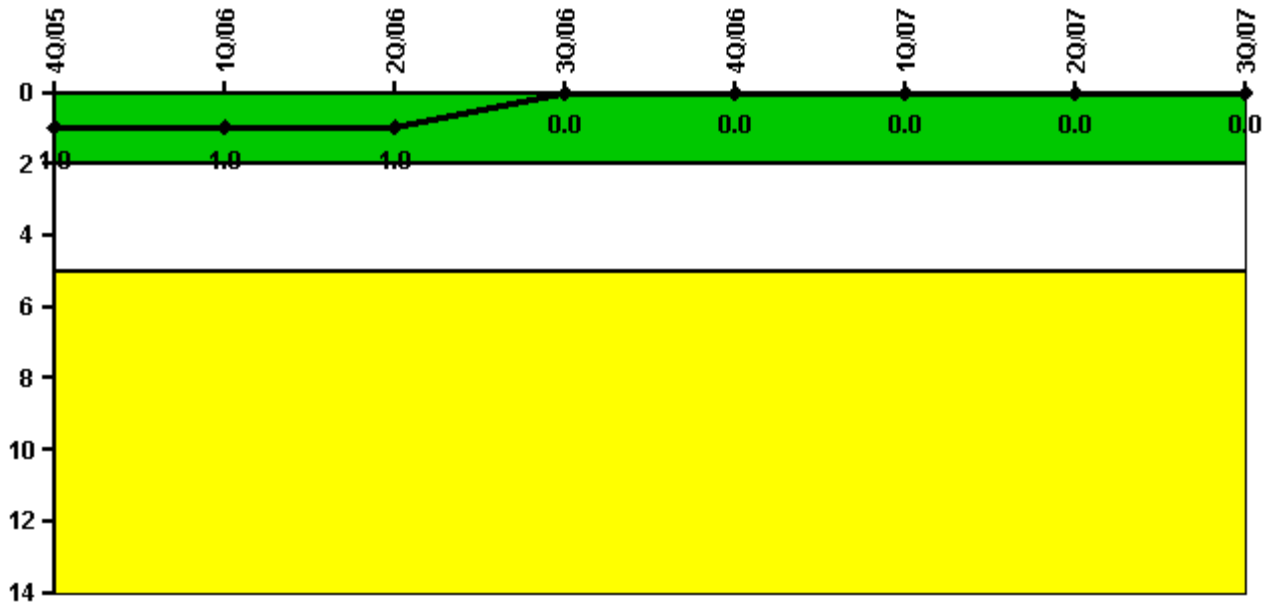
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 |
|-----------------------------|-------|-------|-------|-------|-------|-------|--------|--------|
| Successful siren-tests | 375 | 377 | 375 | 377 | 377 | 377 | 377 | 377 |
| Total sirens-tests | 377 | 377 | 377 | 377 | 377 | 377 | 377 | 377 |
| | | | | | | | | |
| Indicator value | 99.5% | 99.7% | 99.7% | 99.7% | 99.9% | 99.9% | 100.0% | 100.0% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



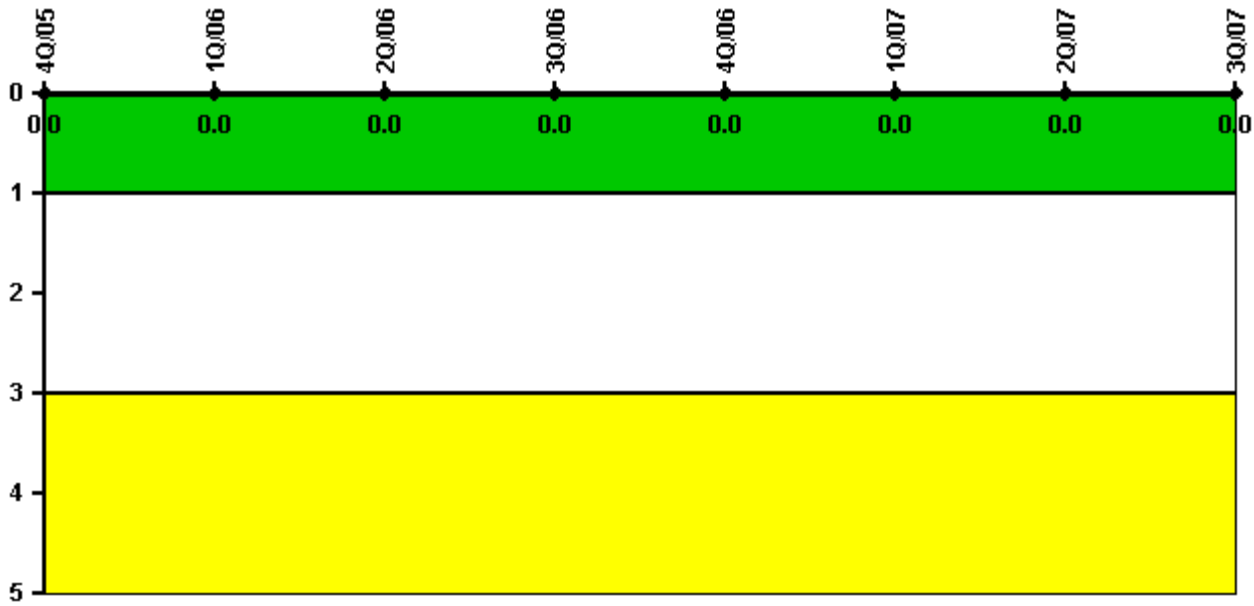
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/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 | 1 | 1 | 1 | 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/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/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.