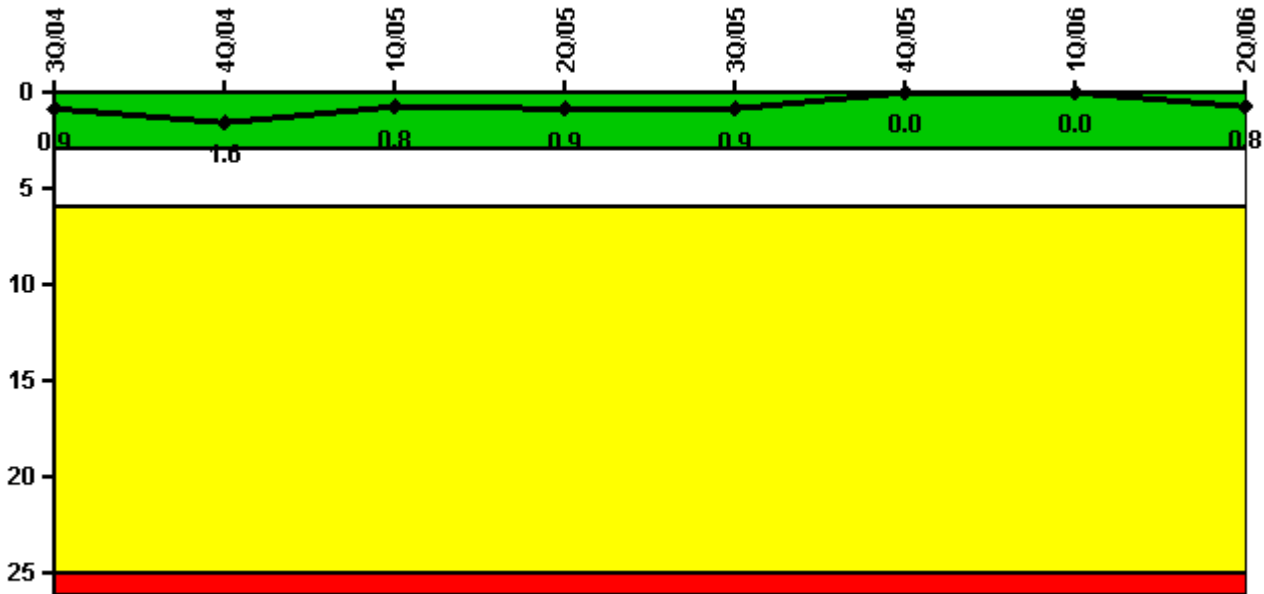


Catawba 1

2Q/2006 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



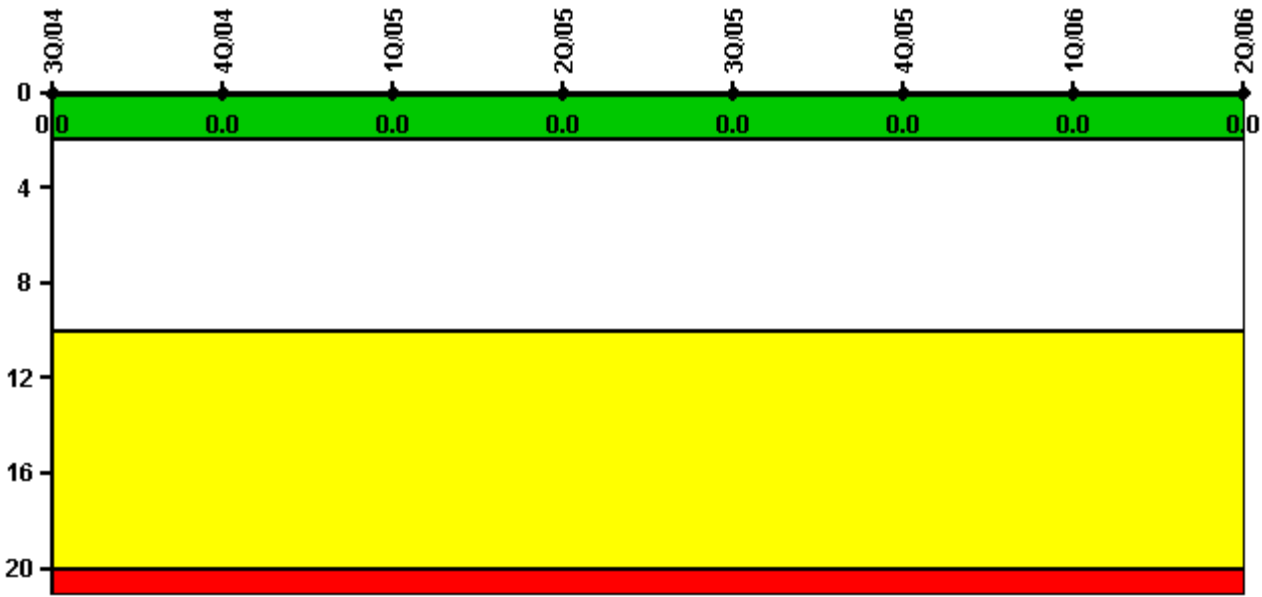
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 1.0 | 0 | 0 | 0 | 0 | 0 | 1.0 |
| Critical hours | 2208.0 | 2179.6 | 2160.0 | 1482.4 | 2208.0 | 2209.0 | 2160.0 | 1674.8 |
| Indicator value | 0.9 | 1.6 | 0.8 | 0.9 | 0.9 | 0 | 0 | 0.8 |

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



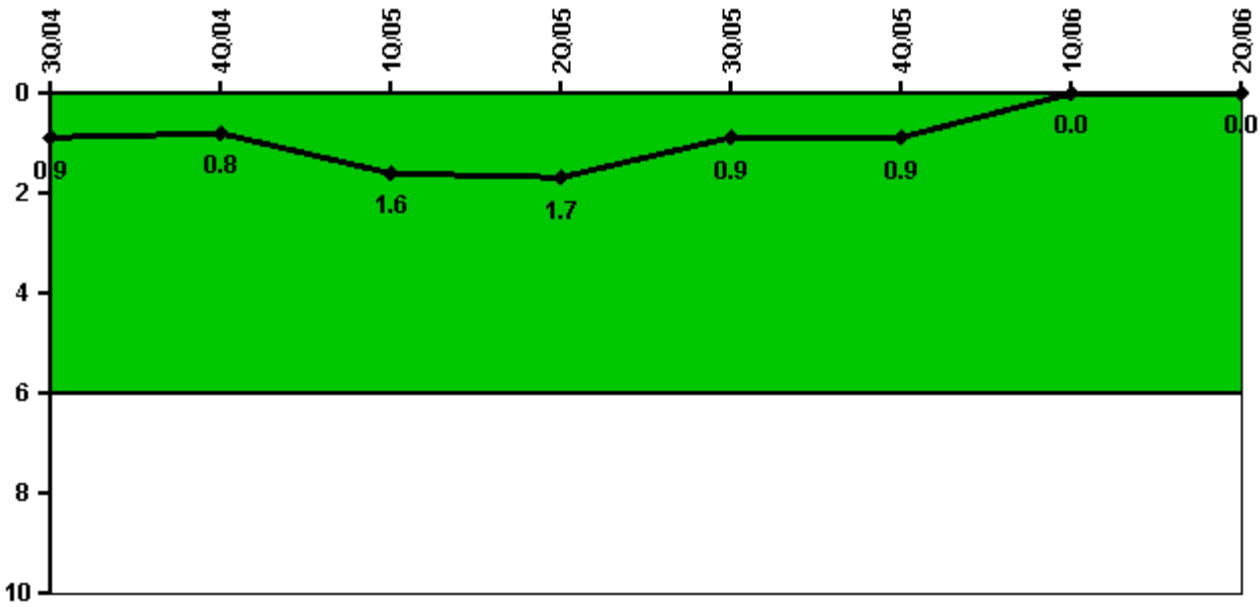
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

| Scrams with Loss of Normal Heat Removal | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



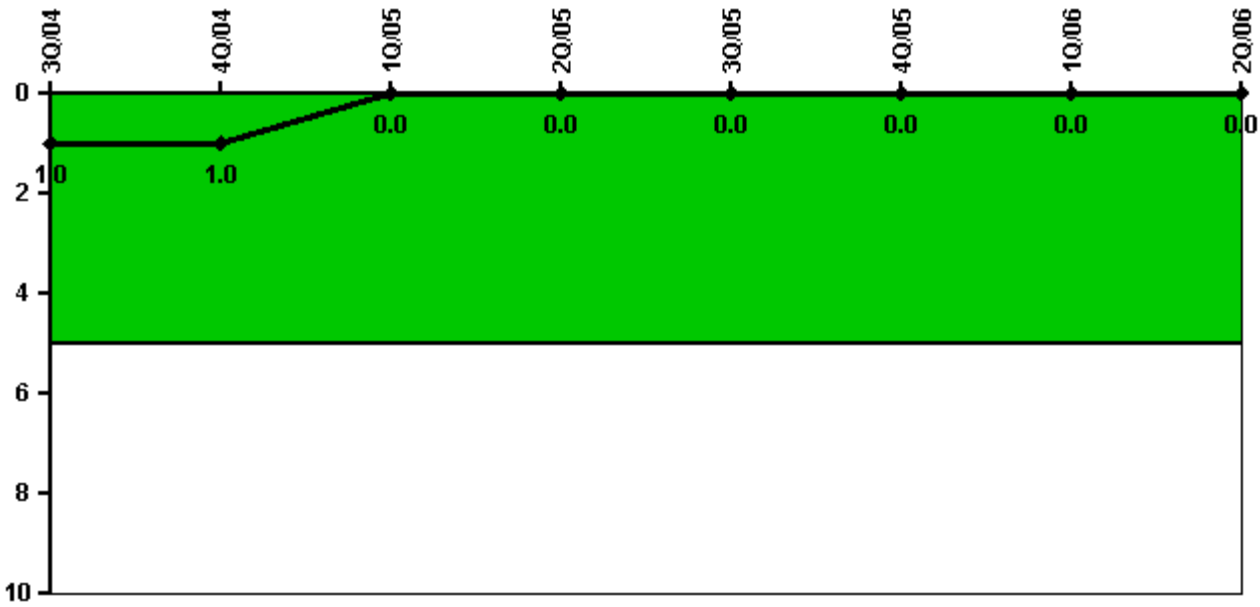
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes | 1.0 | 0 | 1.0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2208.0 | 2179.6 | 2160.0 | 1482.4 | 2208.0 | 2209.0 | 2160.0 | 1674.8 |
| Indicator value | 0.9 | 0.8 | 1.6 | 1.7 | 0.9 | 0.9 | 0 | 0 |

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

| Safety System Functional Failures (PWR) | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



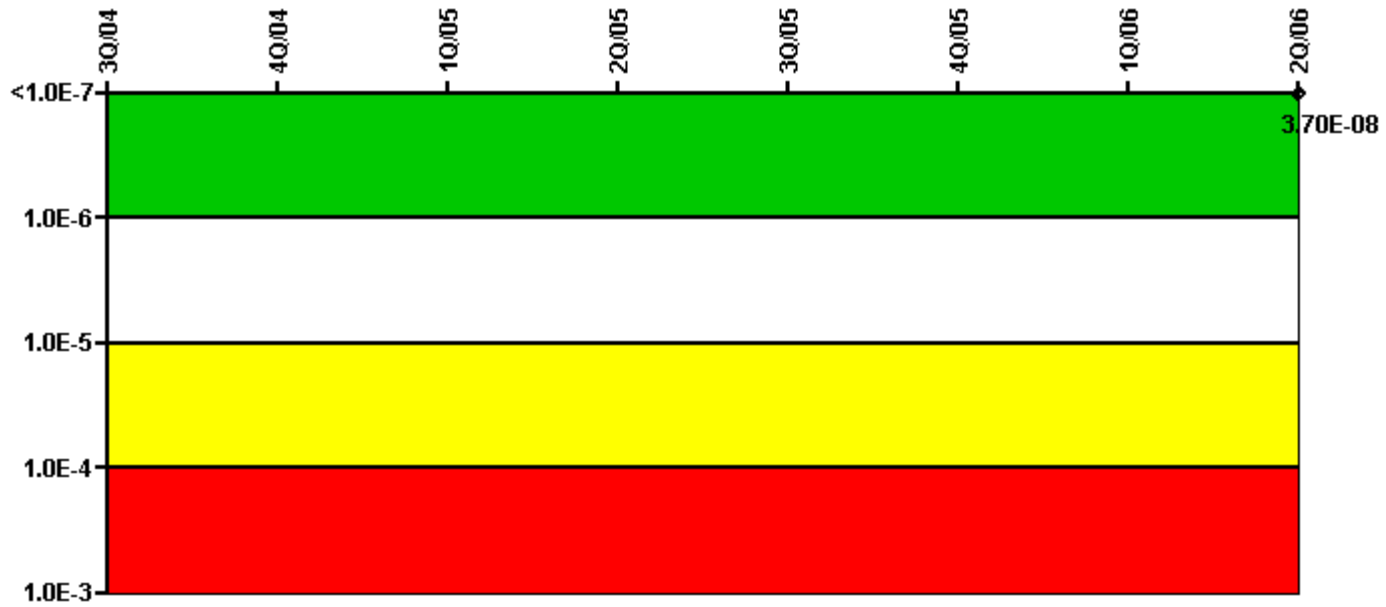
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 |
|---|-------|-------|-------|-------|-------|-------|-------|-----------|
| UAI (ΔCDF) | | | | | | | | -8.40E-09 |
| URI (ΔCDF) | | | | | | | | 4.30E-07 |
| PLE | | | | | | | | NO |
| Indicator value | | | | | | | | 4.22E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



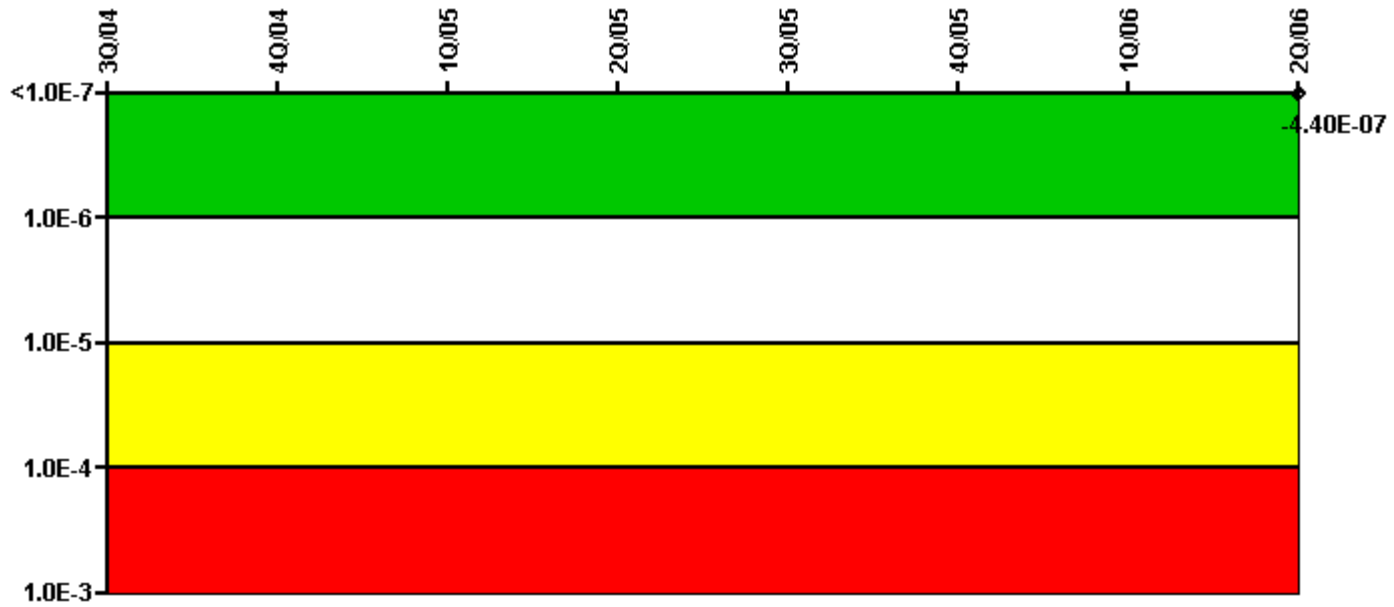
Thresholds: White $> 1.00E-6$ Yellow $> 1.00E-5$ Red $> 1.00E-4$

Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 |
|--|-------|-------|-------|-------|-------|-------|-------|-----------|
| UAI (Δ CDF) | | | | | | | | 5.00E-08 |
| URI (Δ CDF) | | | | | | | | -1.30E-08 |
| PLE | | | | | | | | NO |
| Indicator value | | | | | | | | 3.70E-08 |

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



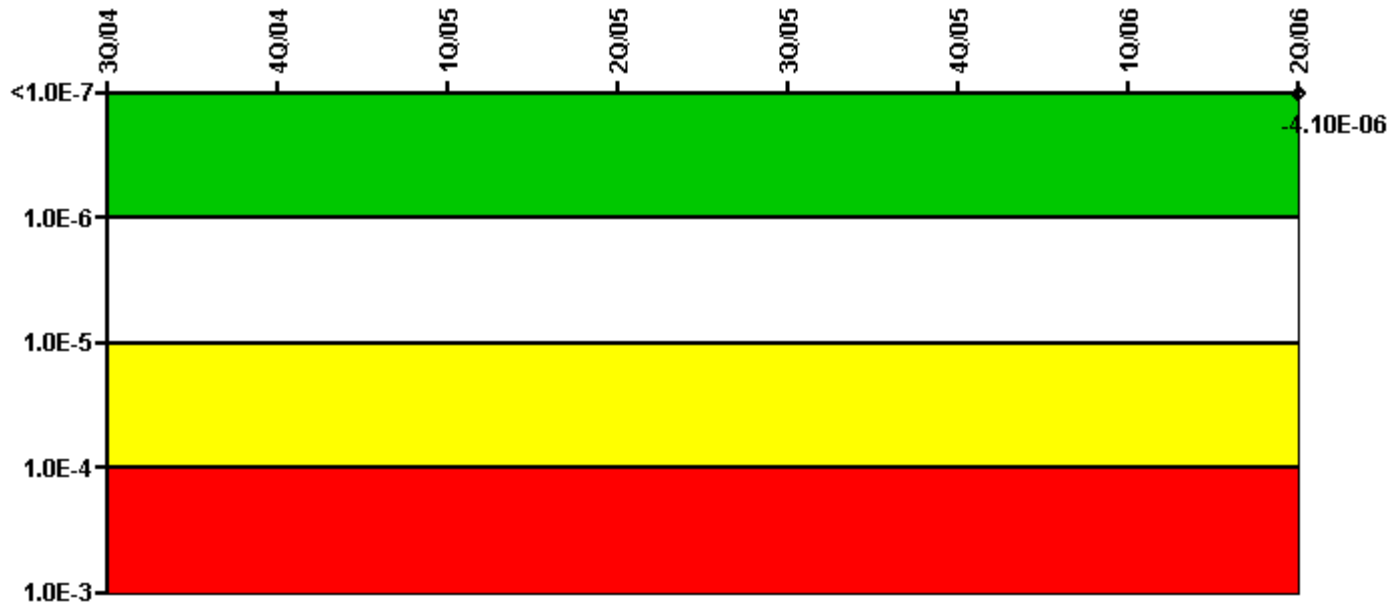
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Heat Removal System | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 |
|---|-------|-------|-------|-------|-------|-------|-------|-----------|
| UAI (ΔCDF) | | | | | | | | -1.20E-07 |
| URI (ΔCDF) | | | | | | | | -3.20E-07 |
| PLE | | | | | | | | NO |
| Indicator value | | | | | | | | -4.40E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



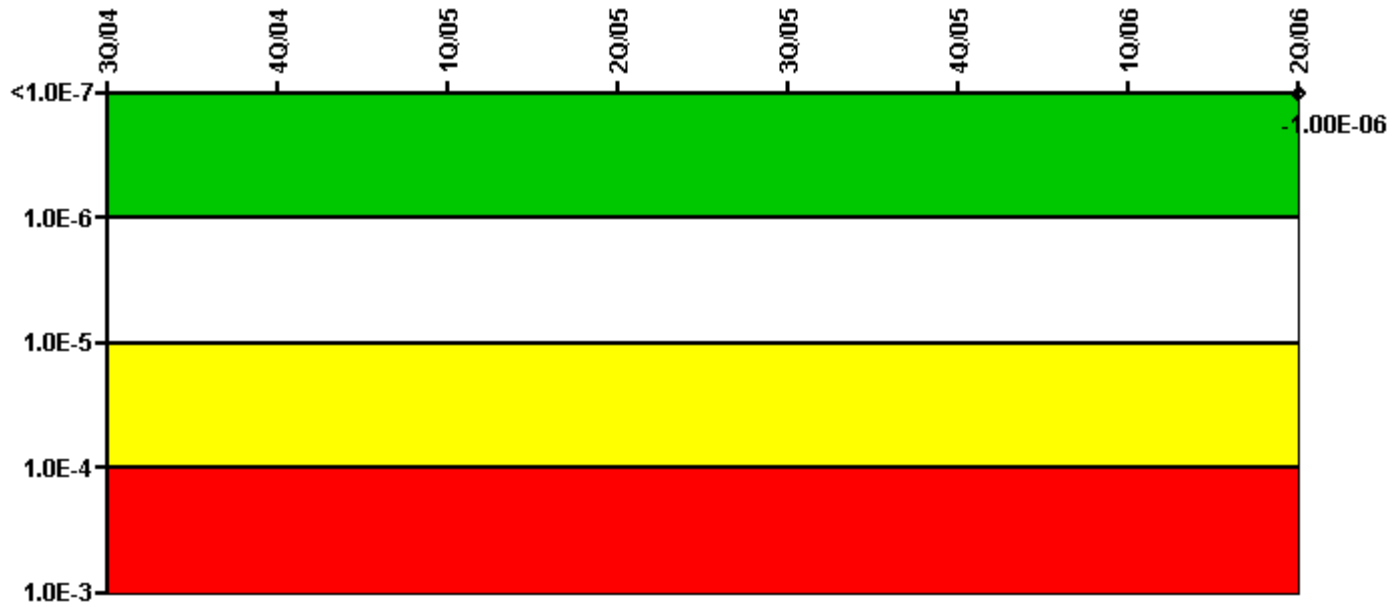
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 |
|--|-------|-------|-------|-------|-------|-------|-------|-----------|
| UAI (Δ CDF) | | | | | | | | -2.60E-06 |
| URI (Δ CDF) | | | | | | | | -1.50E-06 |
| PLE | | | | | | | | NO |
| Indicator value | | | | | | | | -4.10E-06 |

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



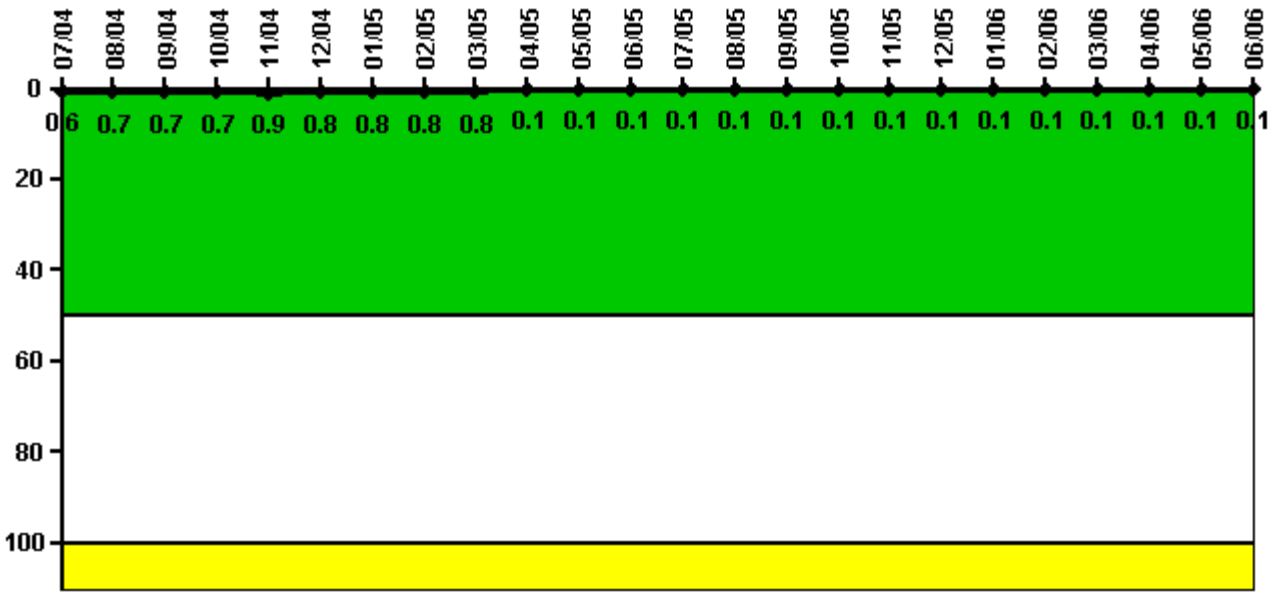
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 |
|---|-------|-------|-------|-------|-------|-------|-------|-----------|
| UAI (ΔCDF) | | | | | | | | -4.80E-07 |
| URI (ΔCDF) | | | | | | | | -5.20E-07 |
| PLE | | | | | | | | NO |
| Indicator value | | | | | | | | -1.00E-06 |

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

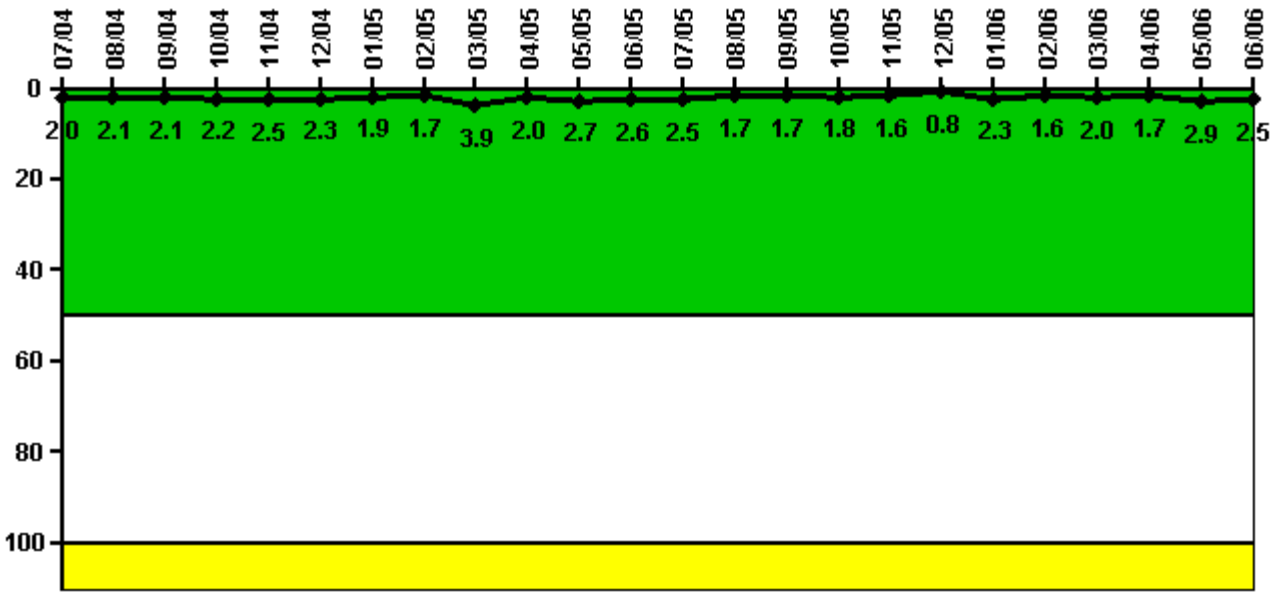
Notes

| Reactor Coolant System Activity | 7/04 | 8/04 | 9/04 | 10/04 | 11/04 | 12/04 | 1/05 | 2/05 | 3/05 | 4/05 | 5/05 | 6/05 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000413 | 0.000435 | 0.000464 | 0.000461 | 0.000560 | 0.000503 | 0.000515 | 0.000504 | 0.000530 | 0.000532 | 0.000467 | 0.000246 |
| Technical specification limit | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.5 | 0.5 | 0.5 |
| Indicator value | 0.6 | 0.7 | 0.7 | 0.7 | 0.9 | 0.8 | 0.8 | 0.8 | 0.8 | 0.1 | 0.1 | 0.1 |

| Reactor Coolant System Activity | 7/05 | 8/05 | 9/05 | 10/05 | 11/05 | 12/05 | 1/06 | 2/06 | 3/06 | 4/06 | 5/06 | 6/06 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000255 | 0.000296 | 0.000288 | 0.000317 | 0.000316 | 0.000304 | 0.000319 | 0.000341 | 0.000368 | 0.000364 | 0.000370 | 0.000408 |
| Technical specification limit | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| Indicator value | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |

Licensee Comments: none

Reactor Coolant System Leakage



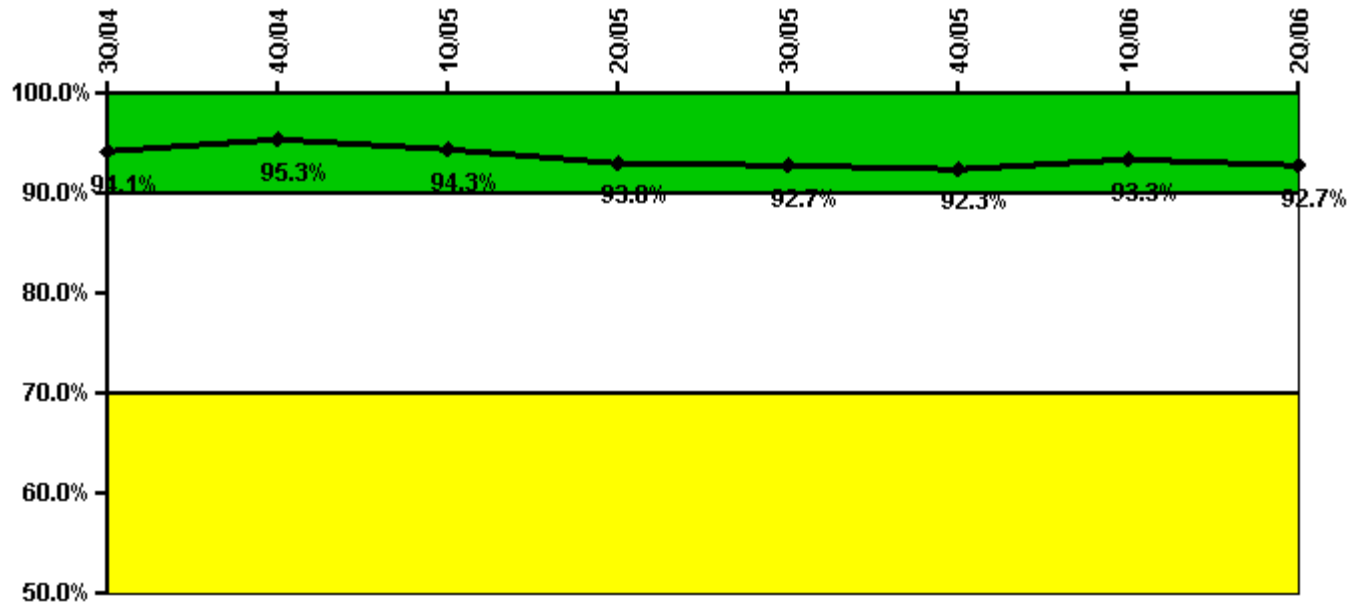
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Leakage | 7/04 | 8/04 | 9/04 | 10/04 | 11/04 | 12/04 | 1/05 | 2/05 | 3/05 | 4/05 | 5/05 | 6/05 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 0.195 | 0.208 | 0.211 | 0.217 | 0.253 | 0.228 | 0.189 | 0.172 | 0.385 | 0.198 | 0.267 | 0.262 |
| 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 | 2.0 | 2.1 | 2.1 | 2.2 | 2.5 | 2.3 | 1.9 | 1.7 | 3.9 | 2.0 | 2.7 | 2.6 |
| Reactor Coolant System Leakage | 7/05 | 8/05 | 9/05 | 10/05 | 11/05 | 12/05 | 1/06 | 2/06 | 3/06 | 4/06 | 5/06 | 6/06 |
| Maximum leakage | 0.246 | 0.168 | 0.170 | 0.180 | 0.160 | 0.077 | 0.227 | 0.163 | 0.198 | 0.166 | 0.294 | 0.249 |
| 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 | 2.5 | 1.7 | 1.7 | 1.8 | 1.6 | 0.8 | 2.3 | 1.6 | 2.0 | 1.7 | 2.9 | 2.5 |

Licensee Comments: none

Drill/Exercise Performance



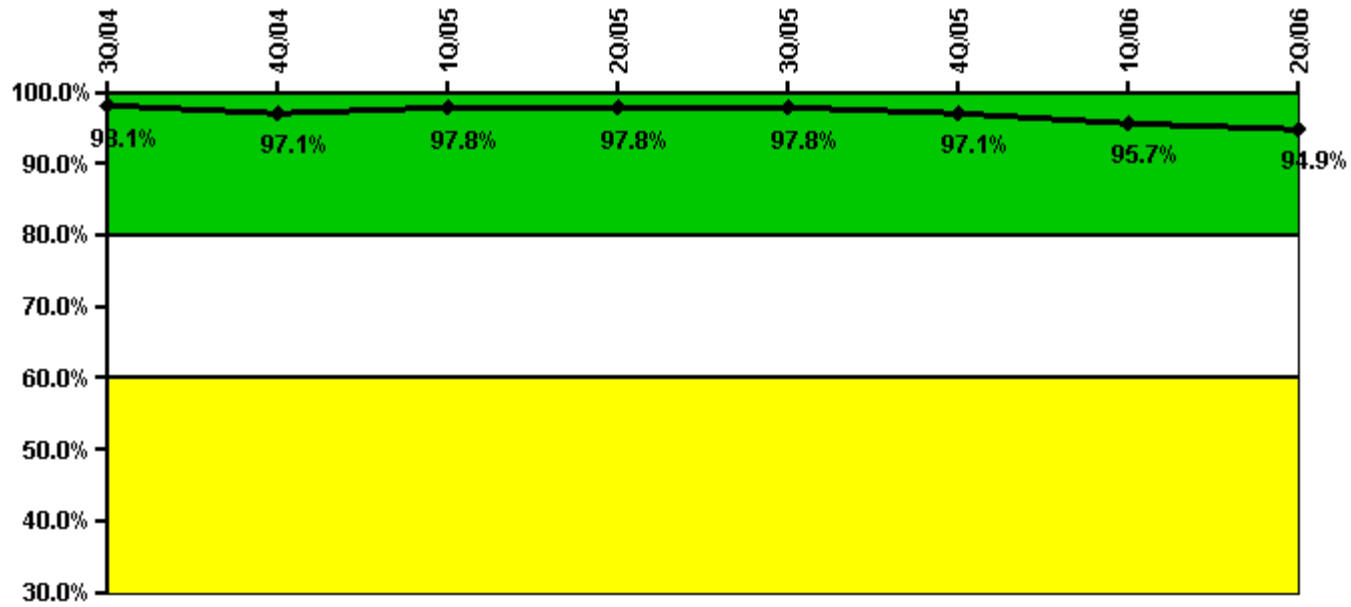
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 66.0 | 15.0 | 56.0 | 8.0 | 119.0 | 15.0 | 51.0 | 15.0 |
| Total opportunities | 76.0 | 15.0 | 62.0 | 8.0 | 125.0 | 16.0 | 52.0 | 18.0 |
| Indicator value | 94.1% | 95.3% | 94.3% | 93.0% | 92.7% | 92.3% | 93.3% | 92.7% |

Licensee Comments: none

ERO Drill Participation



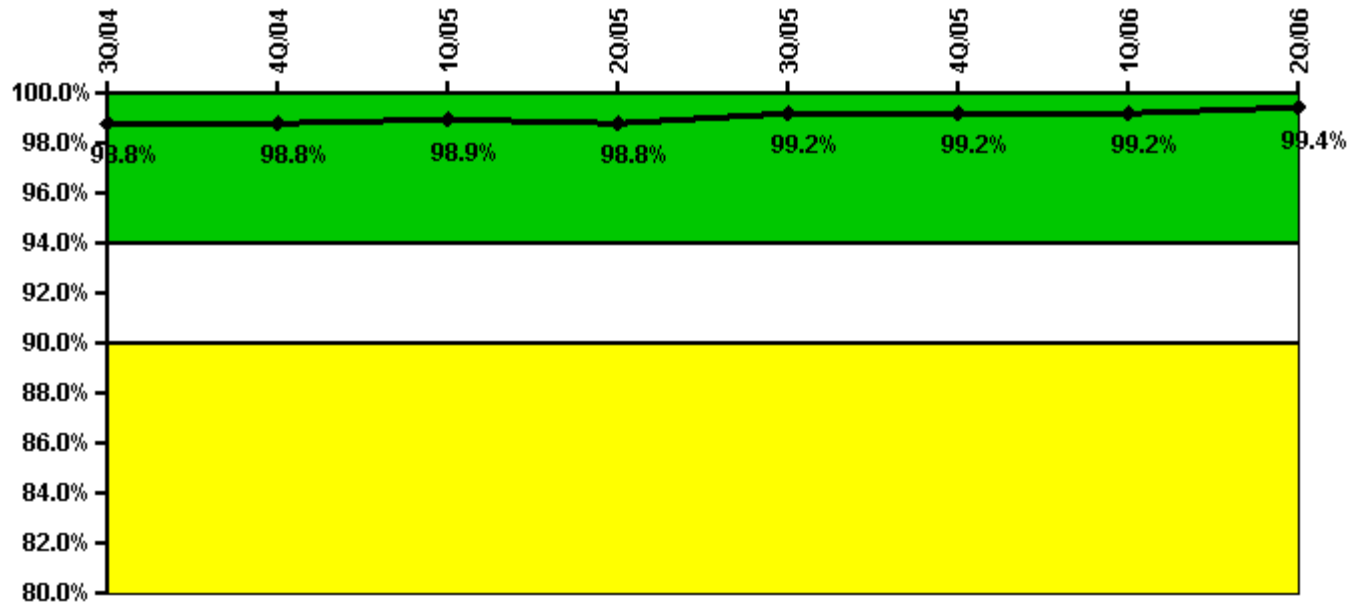
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Participating Key personnel | 156.0 | 133.0 | 134.0 | 133.0 | 131.0 | 132.0 | 132.0 | 131.0 |
| Total Key personnel | 159.0 | 137.0 | 137.0 | 136.0 | 134.0 | 136.0 | 138.0 | 138.0 |
| Indicator value | 98.1% | 97.1% | 97.8% | 97.8% | 97.8% | 97.1% | 95.7% | 94.9% |

Licensee Comments: none

Alert & Notification System



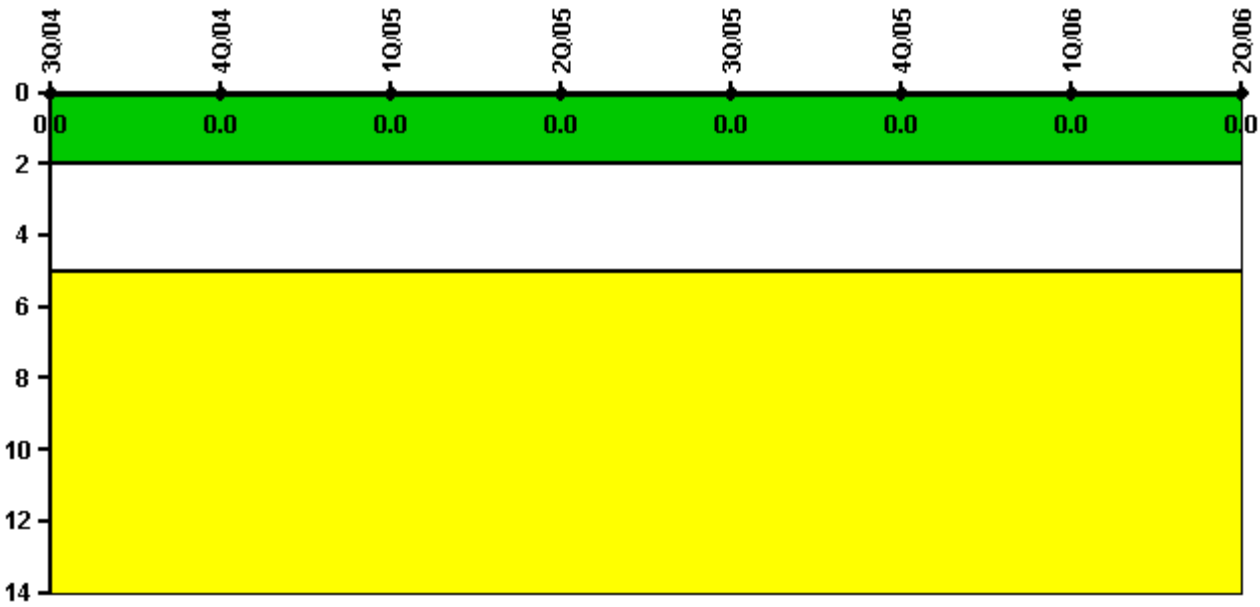
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 2494 | 2394 | 2391 | 2376 | 2377 | 2319 | 2396 | 2392 |
| Total sirens-tests | 2560 | 2403 | 2403 | 2403 | 2403 | 2335 | 2403 | 2403 |
| Indicator value | 98.8% | 98.8% | 98.9% | 98.8% | 99.2% | 99.2% | 99.2% | 99.4% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



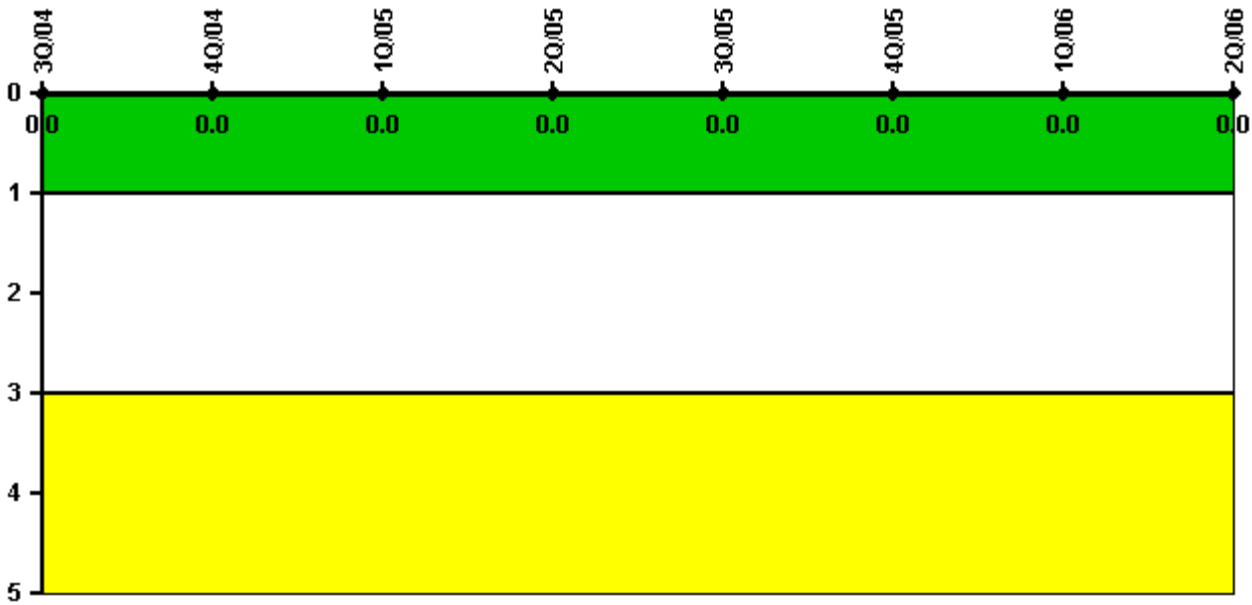
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 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 2, 2006