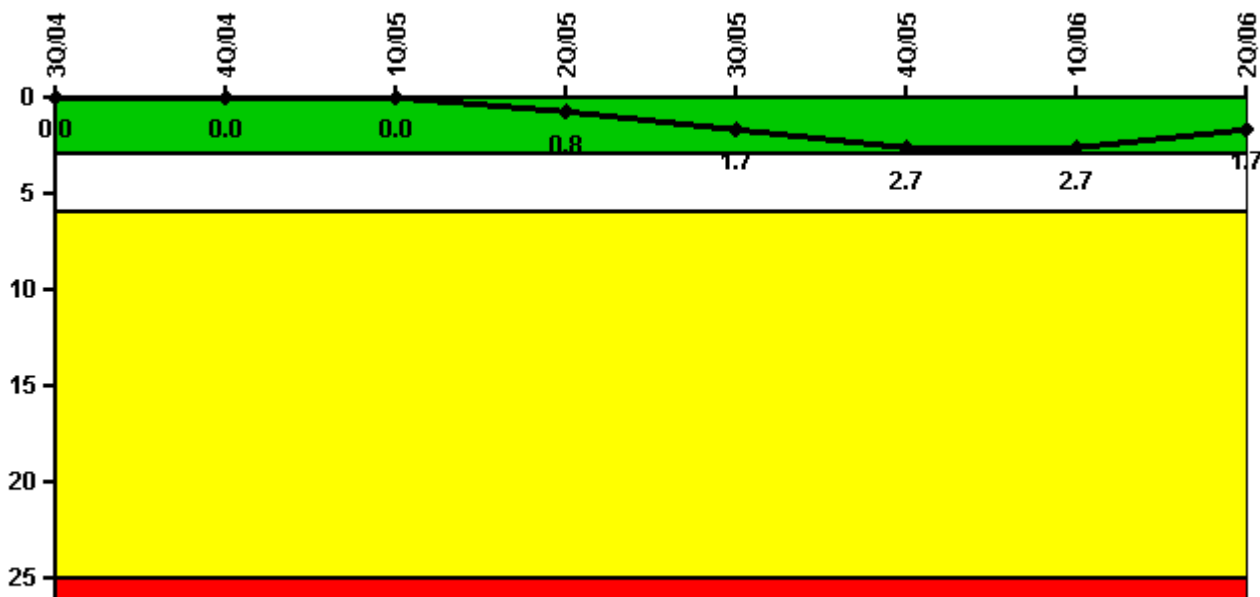


Millstone 3

2Q/2006 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



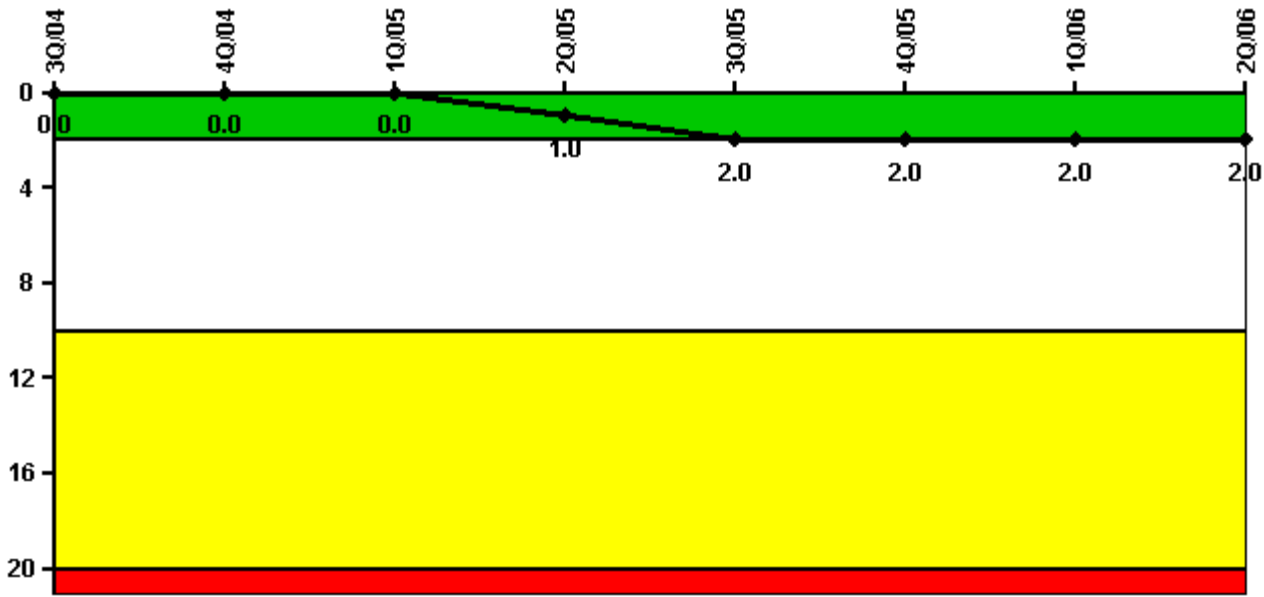
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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 | 0 | 0 | 1.0 | 1.0 | 1.0 | 0 | 0 |
| Critical hours | 2208.0 | 2209.0 | 2160.0 | 1875.9 | 2173.2 | 1510.5 | 2160.0 | 2183.0 |
| Indicator value | 0 | 0 | 0 | 0.8 | 1.7 | 2.7 | 2.7 | 1.7 |

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



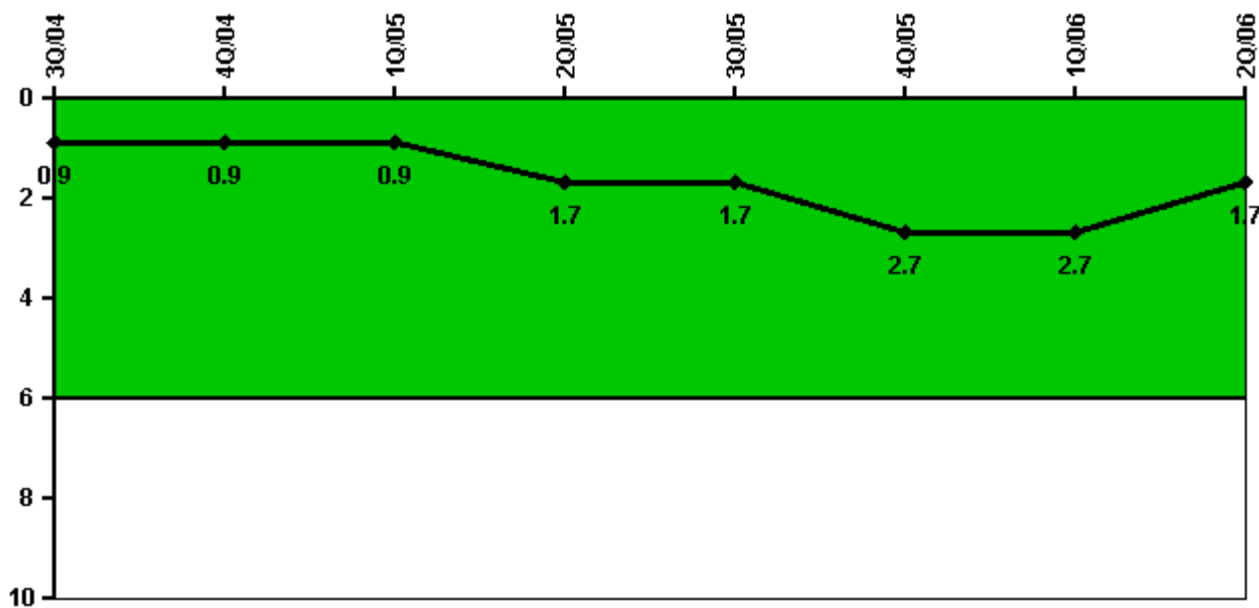
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

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 | 1.0 | 1.0 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



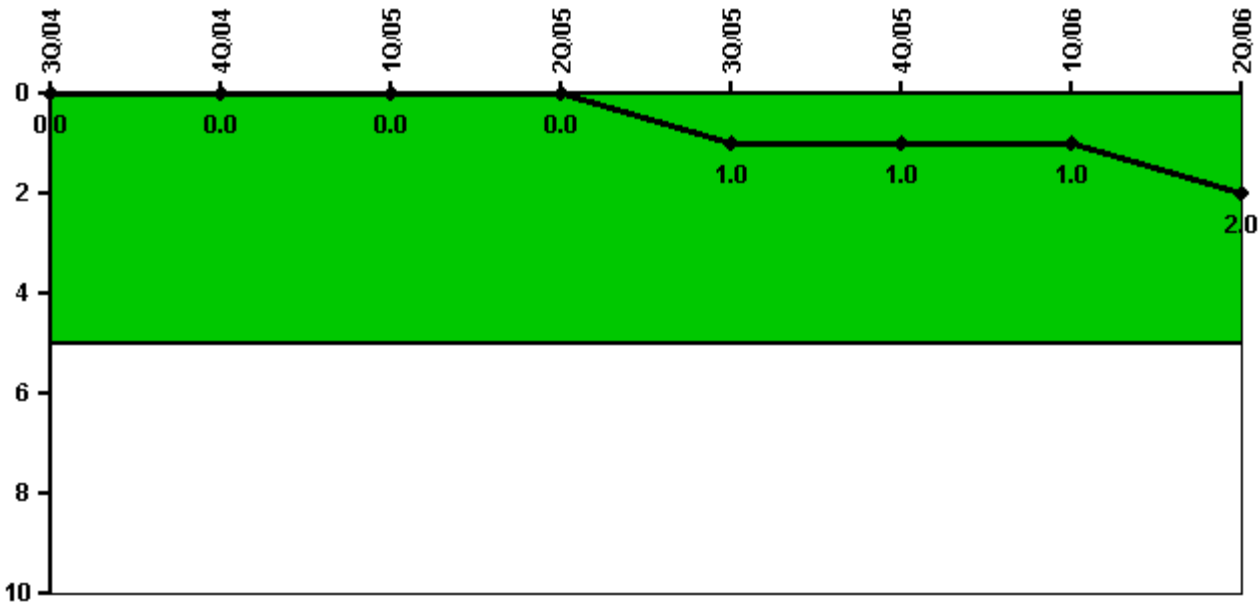
Thresholds: White > 6.0

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 | 0 | 1.0 | 0 | 1.0 | 0 | 2.0 | 0 | 0 |
| Critical hours | 2208.0 | 2209.0 | 2160.0 | 1875.9 | 2173.2 | 1510.5 | 2160.0 | 2183.0 |
| Indicator value | 0.9 | 0.9 | 0.9 | 1.7 | 1.7 | 2.7 | 2.7 | 1.7 |

Licensee Comments: none

Safety System Functional Failures (PWR)



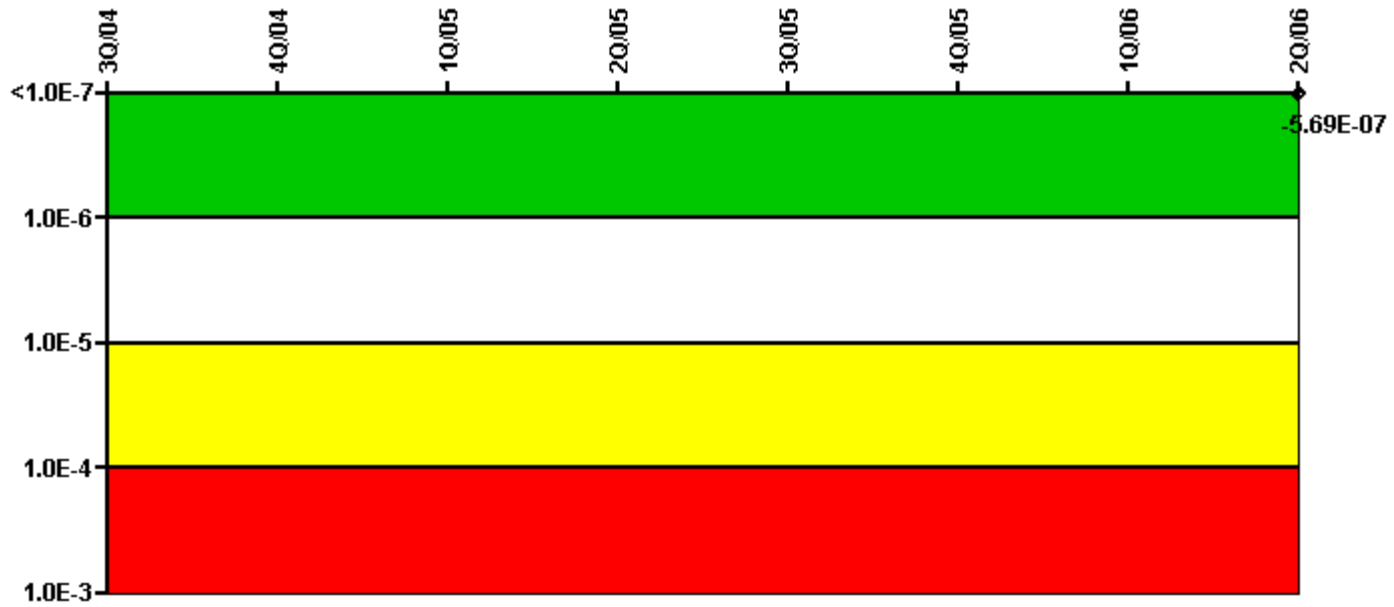
Thresholds: White > 5.0

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 | 1 | 0 | 0 | 1 |
| Indicator value | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 2 |

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



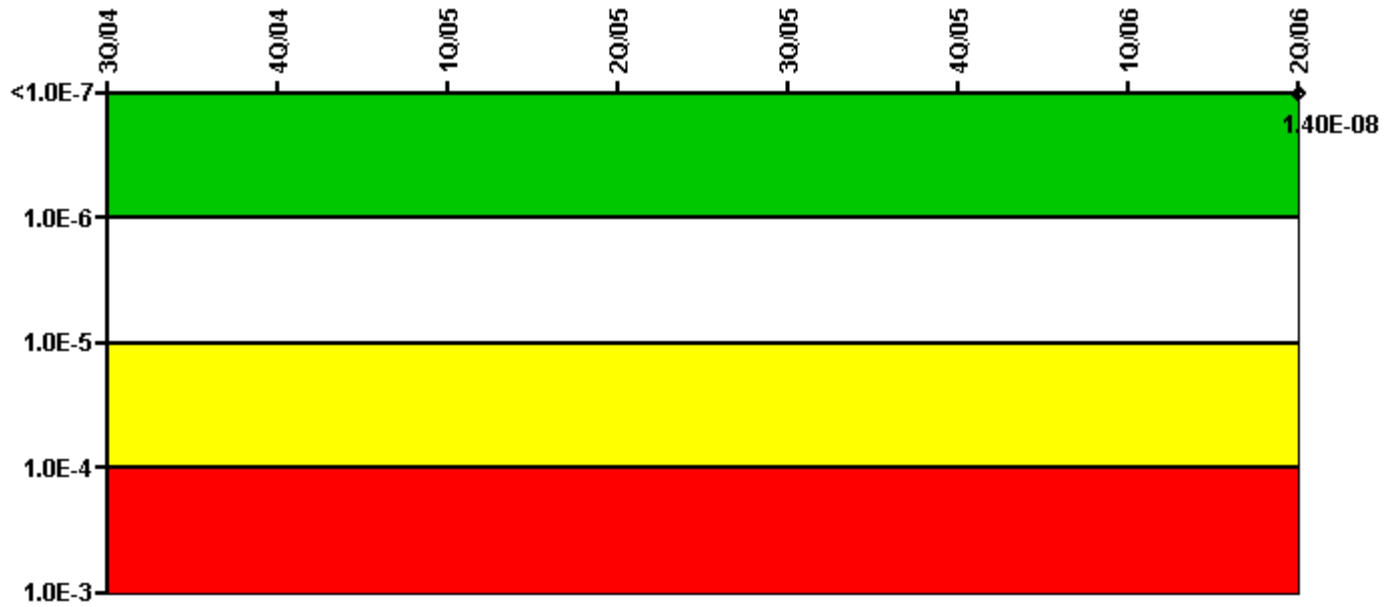
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 |
|---|-------|-------|-------|-------|-------|-------|-------|-----------|
| UAI (ΔCDF) | | | | | | | | 4.10E-08 |
| URI (ΔCDF) | | | | | | | | -6.10E-07 |
| PLE | | | | | | | | NO |
| Indicator value | | | | | | | | -5.69E-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) | | | | | | | | 2.50E-08 |
| URI (Δ CDF) | | | | | | | | -1.10E-08 |
| PLE | | | | | | | | NO |
| Indicator value | | | | | | | | 1.40E-08 |

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



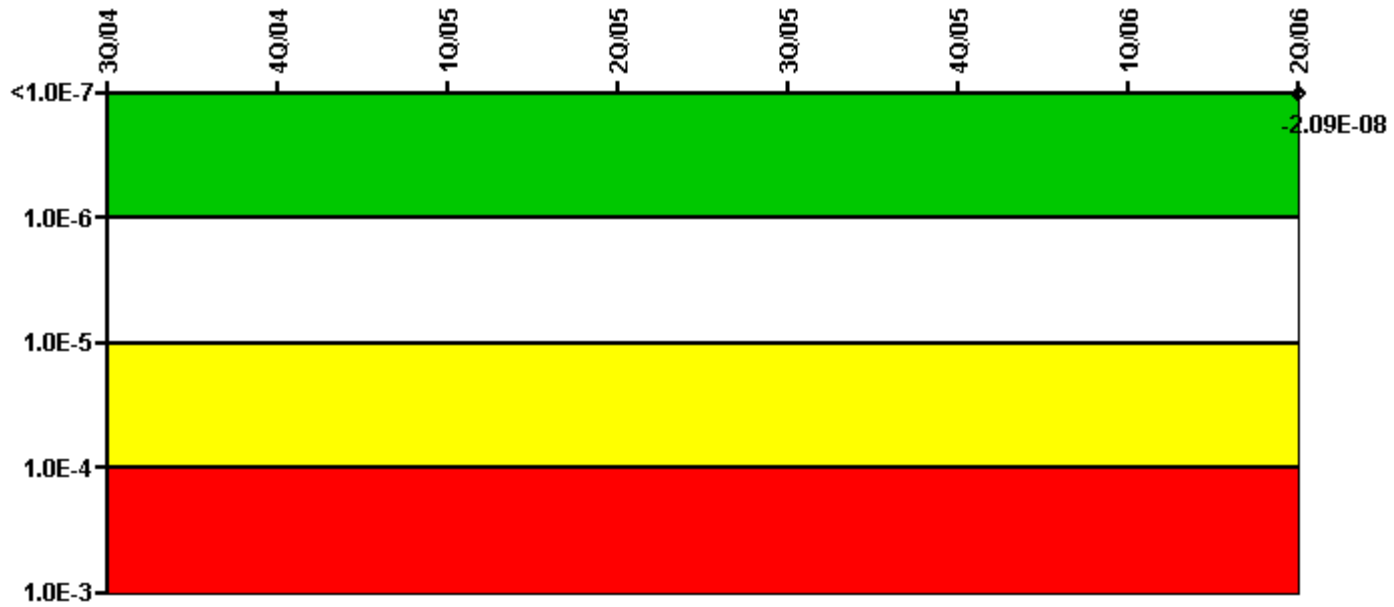
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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) | | | | | | | | 3.40E-08 |
| URI (ΔCDF) | | | | | | | | 6.10E-07 |
| PLE | | | | | | | | NO |
| Indicator value | | | | | | | | 6.44E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



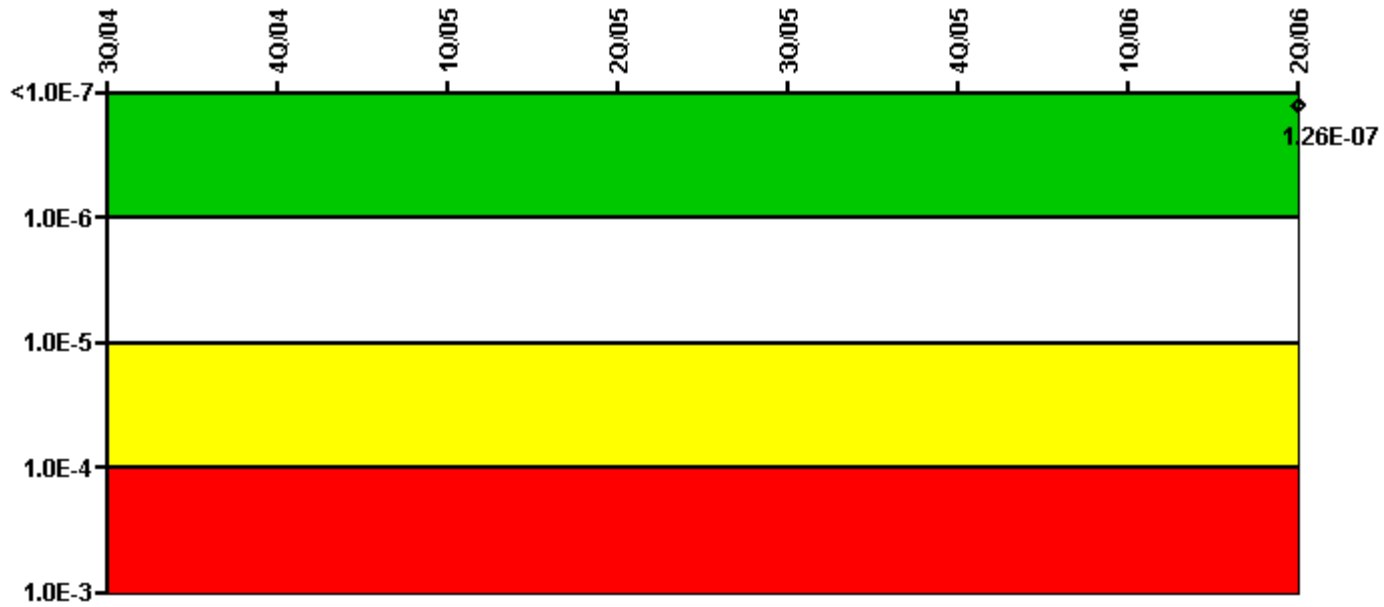
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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) | | | | | | | | 7.40E-11 |
| URI (Δ CDF) | | | | | | | | -2.10E-08 |
| PLE | | | | | | | | NO |
| Indicator value | | | | | | | | -2.09E-08 |

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



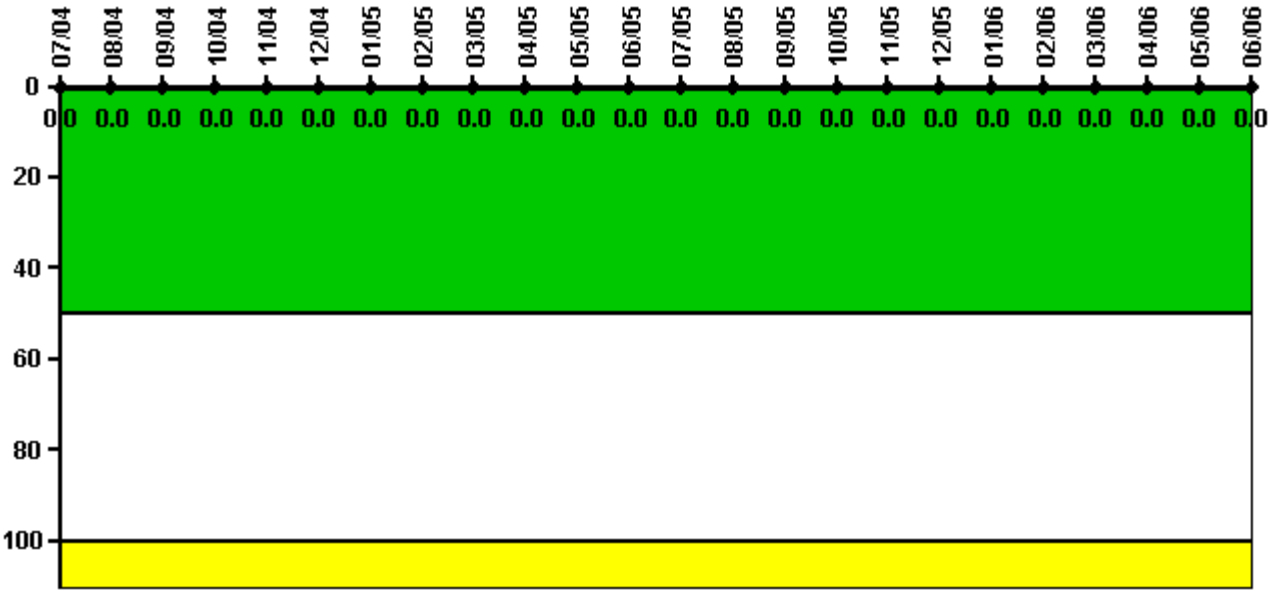
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 |
|---|-------|-------|-------|-------|-------|-------|-------|-----------|
| UAI (ΔCDF) | | | | | | | | 1.50E-07 |
| URI (ΔCDF) | | | | | | | | -2.40E-08 |
| PLE | | | | | | | | NO |
| Indicator value | | | | | | | | 1.26E-07 |

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

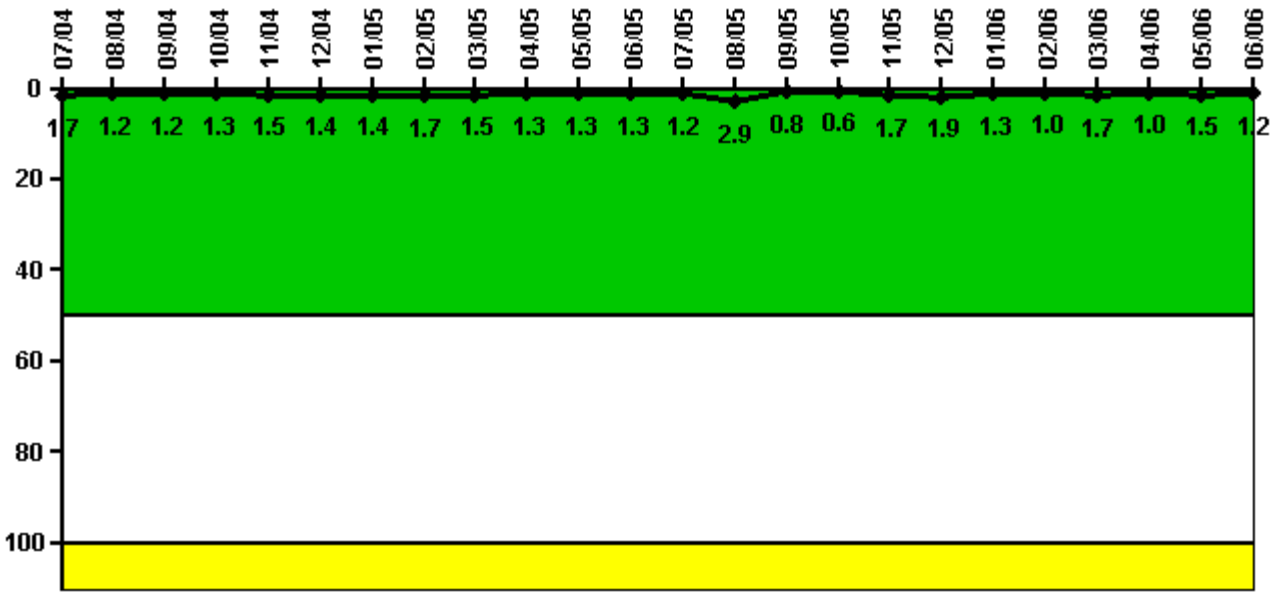
Notes

| 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 | 0.000153 | 0.000160 | 0.000171 | 0.000177 | 0.000179 | 0.000201 | 0.000192 | 0.000204 | 0.000207 | 0.000214 | 0.000221 | 0.000220 |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| 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 | 0.000230 | 0.000233 | 0.000236 | 0.000174 | 0.000144 | 0.000144 | 0.000151 | 0.000164 | 0.000166 | 0.000166 | 0.000174 | 0.000177 |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

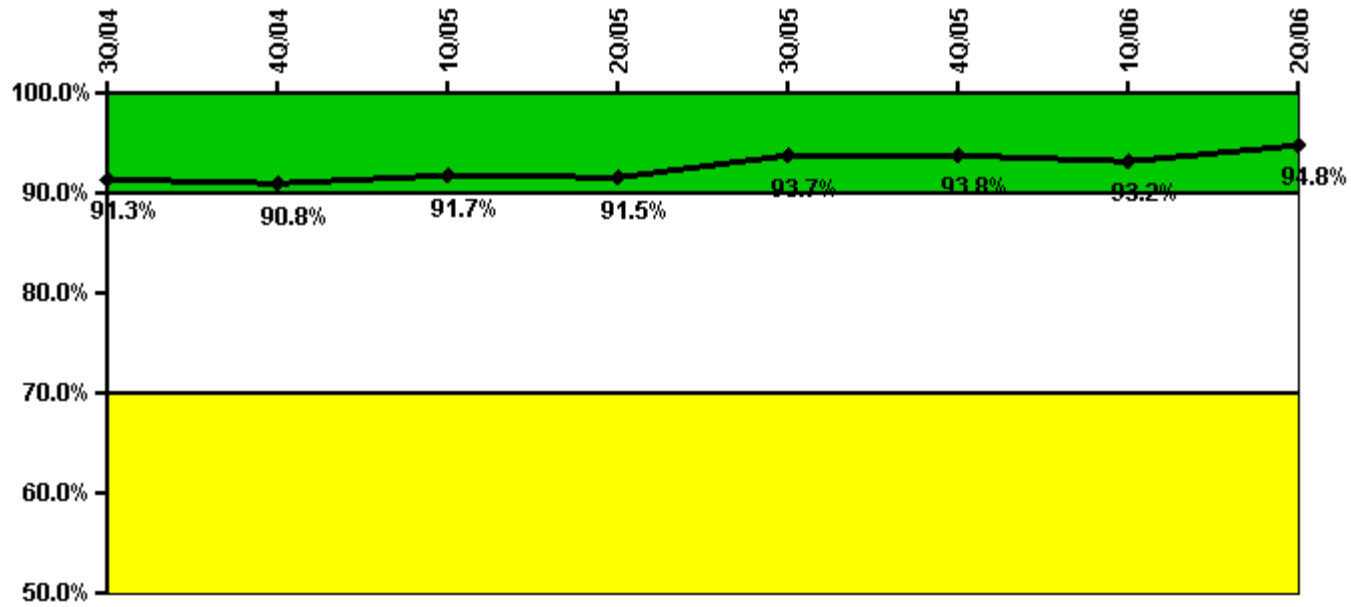
Notes

| 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 | 0.168 | 0.121 | 0.117 | 0.127 | 0.146 | 0.141 | 0.142 | 0.171 | 0.145 | 0.132 | 0.131 | 0.130 |
| 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 | 1.7 | 1.2 | 1.2 | 1.3 | 1.5 | 1.4 | 1.4 | 1.7 | 1.5 | 1.3 | 1.3 | 1.3 |

| 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 | 0.124 | 0.287 | 0.083 | 0.061 | 0.166 | 0.186 | 0.133 | 0.097 | 0.168 | 0.096 | 0.153 | 0.122 |
| 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 | 1.2 | 2.9 | 0.8 | 0.6 | 1.7 | 1.9 | 1.3 | 1.0 | 1.7 | 1.0 | 1.5 | 1.2 |

Licensee Comments: none

Drill/Exercise Performance



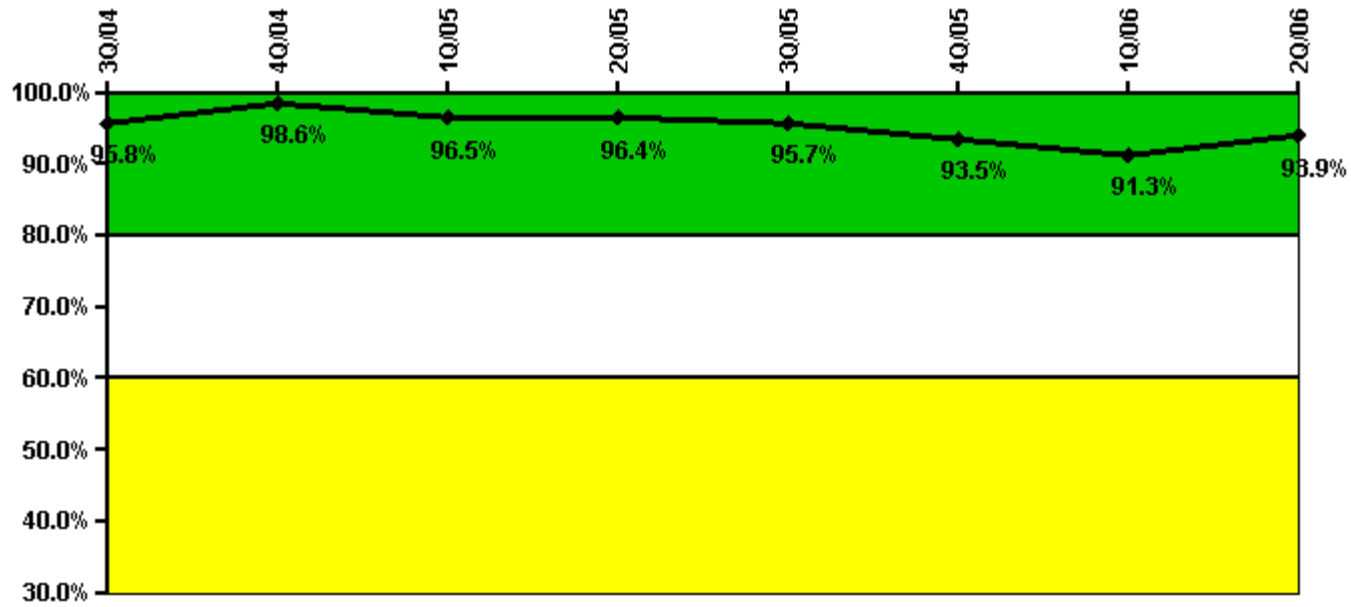
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 54.0 | 85.0 | 30.0 | 26.0 | 67.0 | 0 | 17.0 | 31.0 |
| Total opportunities | 59.0 | 93.0 | 30.0 | 27.0 | 67.0 | 0 | 19.0 | 32.0 |
| Indicator value | 91.3% | 90.8% | 91.7% | 91.5% | 93.7% | 93.8% | 93.2% | 94.8% |

Licensee Comments: none

ERO Drill Participation



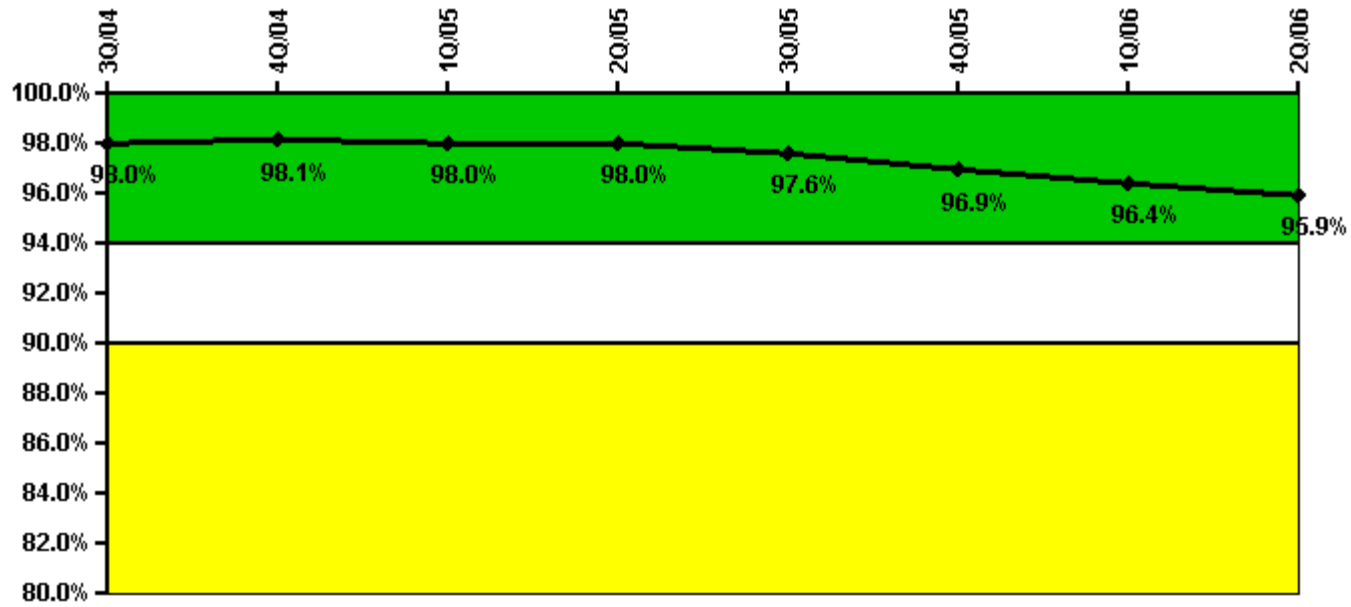
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Participating Key personnel | 138.0 | 141.0 | 136.0 | 132.0 | 132.0 | 130.0 | 136.0 | 138.0 |
| Total Key personnel | 144.0 | 143.0 | 141.0 | 137.0 | 138.0 | 139.0 | 149.0 | 147.0 |
| Indicator value | 95.8% | 98.6% | 96.5% | 96.4% | 95.7% | 93.5% | 91.3% | 93.9% |

Licensee Comments: none

Alert & Notification System



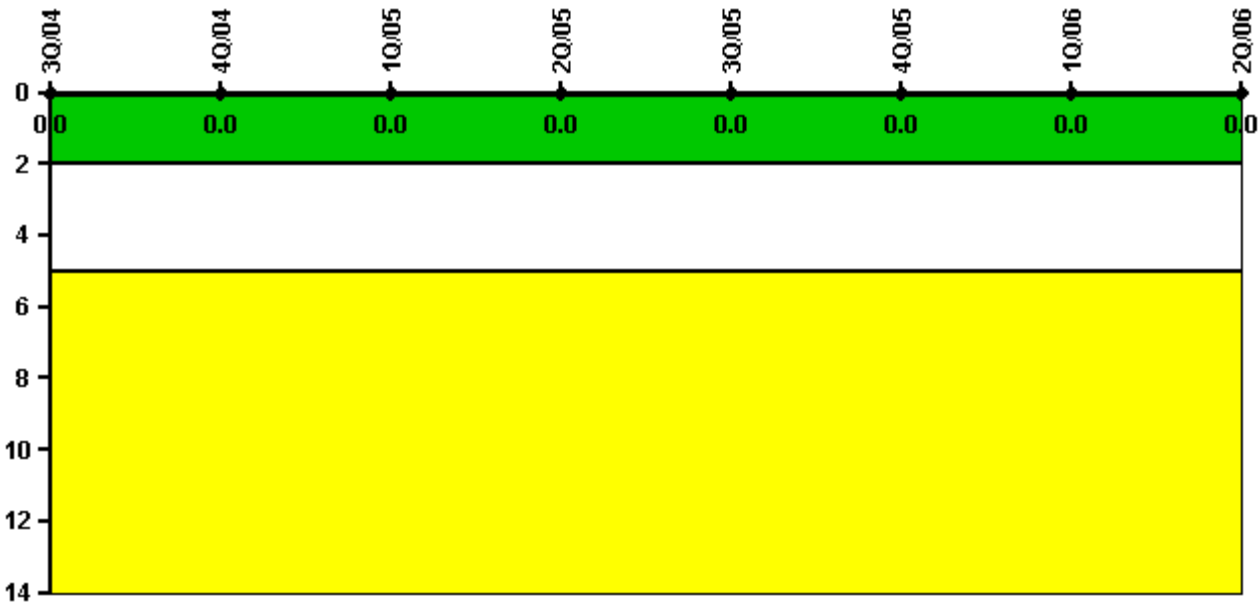
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 462 | 316 | 312 | 312 | 456 | 306 | 306 | 304 |
| Total sirens-tests | 477 | 318 | 318 | 318 | 477 | 318 | 318 | 318 |
| Indicator value | 98.0% | 98.1% | 98.0% | 98.0% | 97.6% | 96.9% | 96.4% | 95.9% |

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