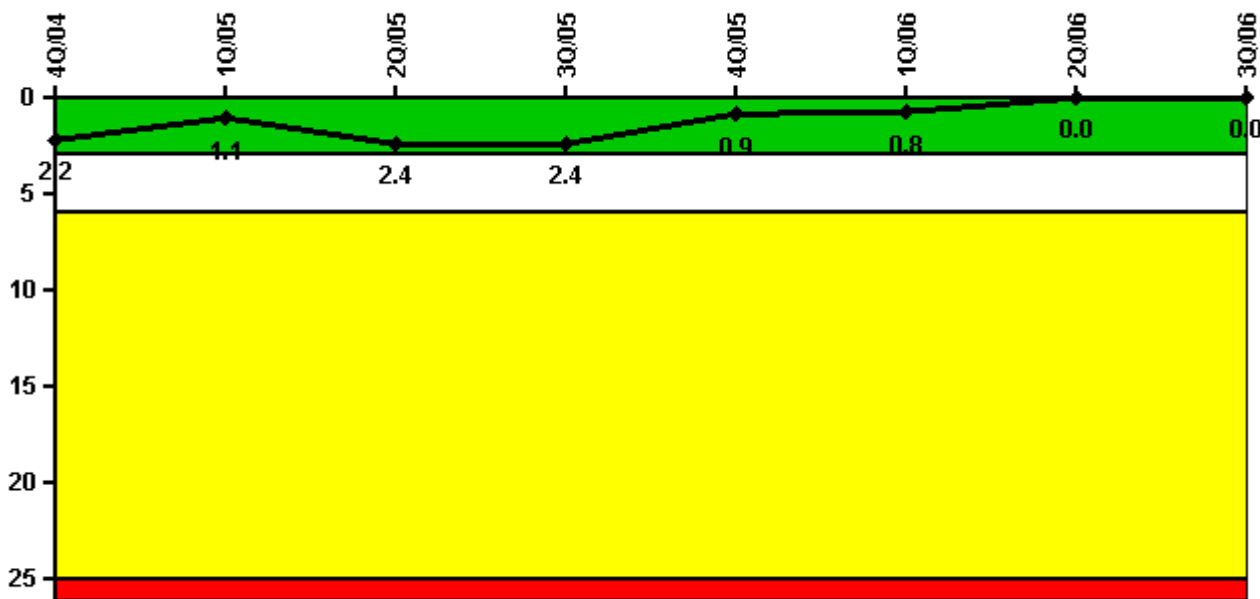


Hope Creek 1

3Q/2006 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



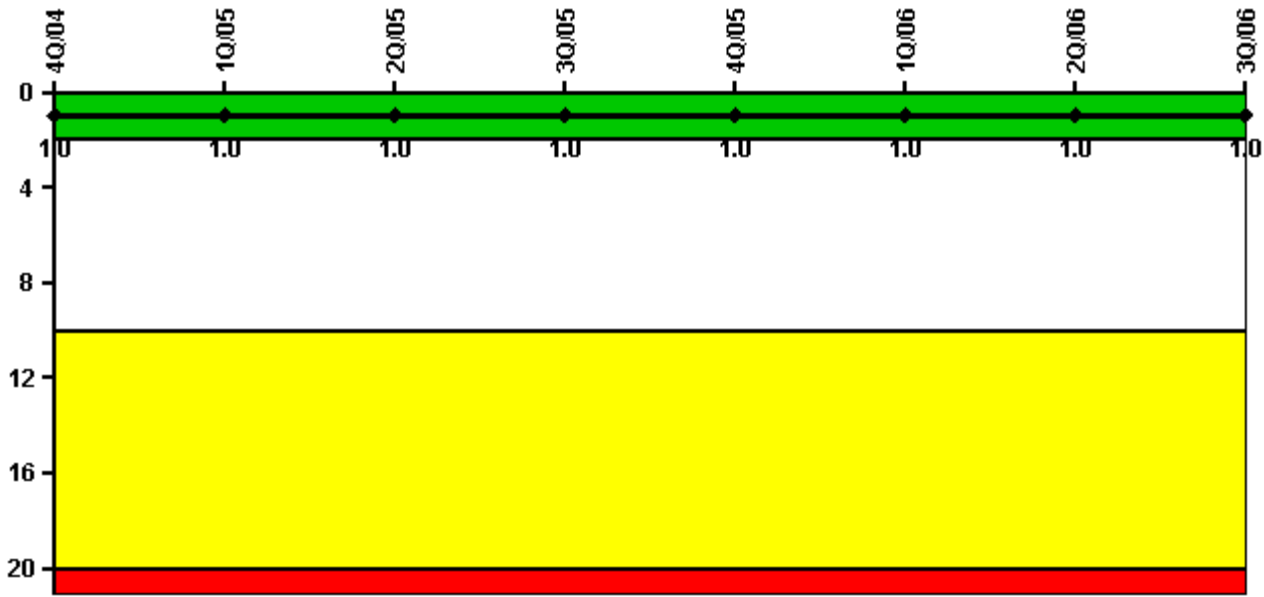
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 |
|--|-------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 1.0 | 0 | 1.0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 234.2 | 1651.3 | 1821.5 | 2075.8 | 2209.0 | 2160.0 | 1563.3 | 2208.0 |
| Indicator value | 2.2 | 1.1 | 2.4 | 2.4 | 0.9 | 0.8 | 0 | 0 |

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



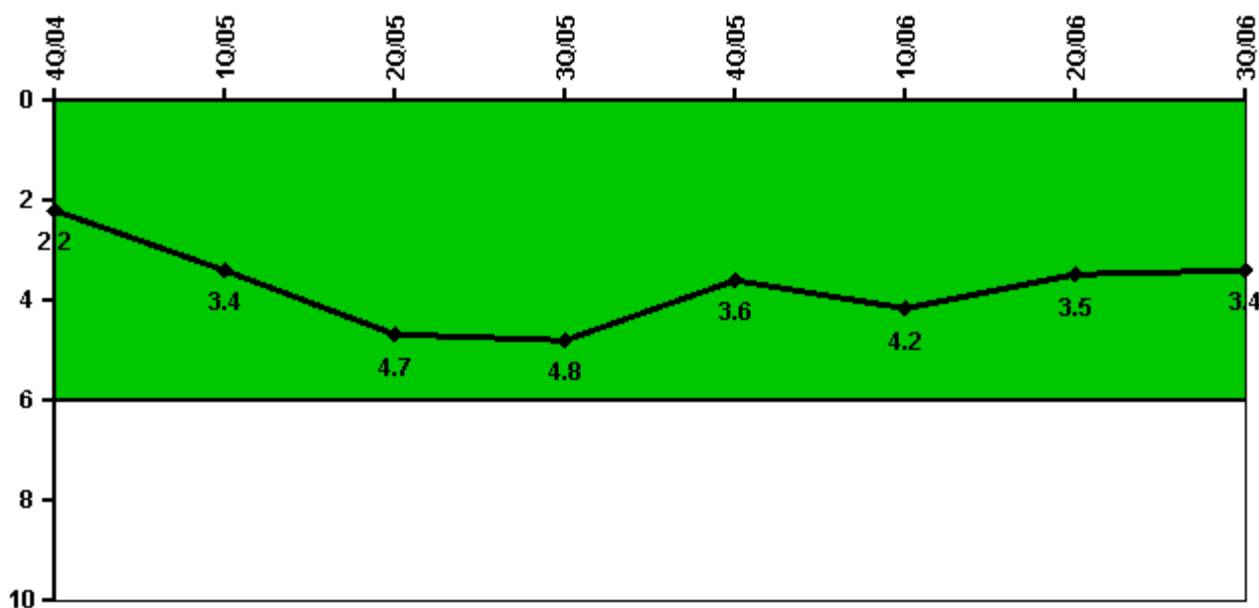
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

| Scrams with Loss of Normal Heat Removal | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams | 1.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



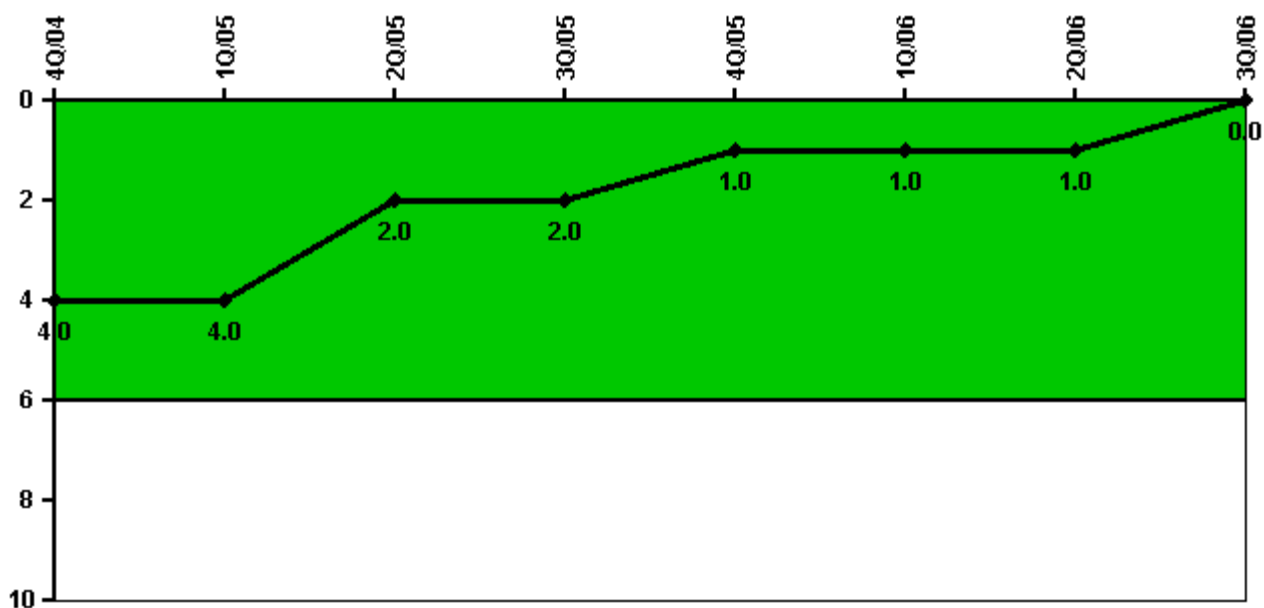
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 |
|---|-------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes | 0 | 1.0 | 1.0 | 2.0 | 0 | 2.0 | 0 | 2.0 |
| Critical hours | 234.2 | 1651.3 | 1821.5 | 2075.8 | 2209.0 | 2160.0 | 1563.3 | 2208.0 |
| Indicator value | 2.2 | 3.4 | 4.7 | 4.8 | 3.6 | 4.2 | 3.5 | 3.4 |

Licensee Comments: none

Safety System Functional Failures (BWR)



Thresholds: White > 6.0

Notes

| Safety System Functional Failures (BWR) | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Indicator value | 4 | 4 | 2 | 2 | 1 | 1 | 1 | 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/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 |
|---|-------|-------|-------|-------|-------|-------|-----------|-----------|
| UAI (Δ CDF) | | | | | | | -2.60E-07 | -2.60E-07 |
| URI (Δ CDF) | | | | | | | -4.00E-06 | -3.80E-06 |
| PLE | | | | | | | NO | NO |
| Indicator value | | | | | | | -4.26E-06 | -4.06E-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/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 |
|--|-------|-------|-------|-------|-------|-------|-----------|-----------|
| UAI (Δ CDF) | | | | | | | -5.90E-07 | -5.90E-07 |
| URI (Δ CDF) | | | | | | | -1.10E-06 | -1.00E-06 |
| PLE | | | | | | | NO | NO |
| Indicator value | | | | | | | -1.69E-06 | -1.59E-06 |

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/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 |
|---|-------|-------|-------|-------|-------|-------|-----------|-----------|
| UAI (Δ CDF) | | | | | | | -1.10E-07 | -9.90E-08 |
| URI (Δ CDF) | | | | | | | -2.40E-07 | -2.40E-07 |
| PLE | | | | | | | NO | NO |
| Indicator value | | | | | | | -3.50E-07 | -3.39E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



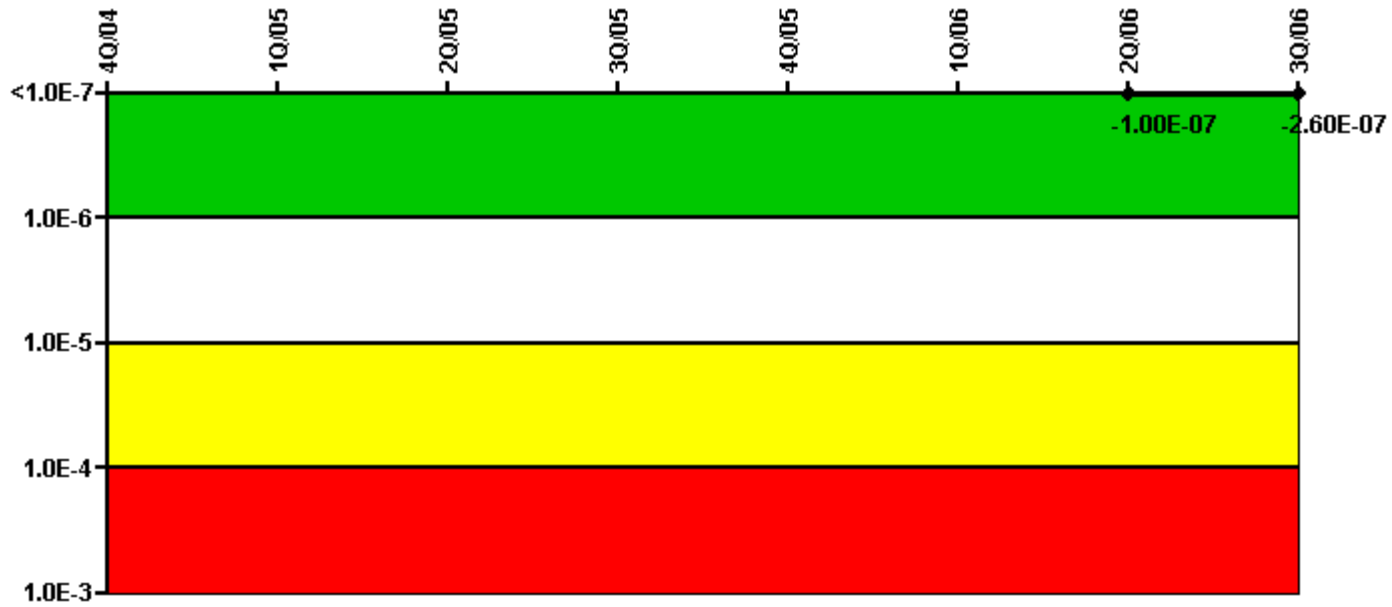
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 |
|--|-------|-------|-------|-------|-------|-------|-----------|-----------|
| UAI (Δ CDF) | | | | | | | -2.30E-07 | -2.30E-07 |
| URI (Δ CDF) | | | | | | | -9.50E-07 | -9.50E-07 |
| PLE | | | | | | | NO | NO |
| Indicator value | | | | | | | -1.18E-06 | -1.18E-06 |

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



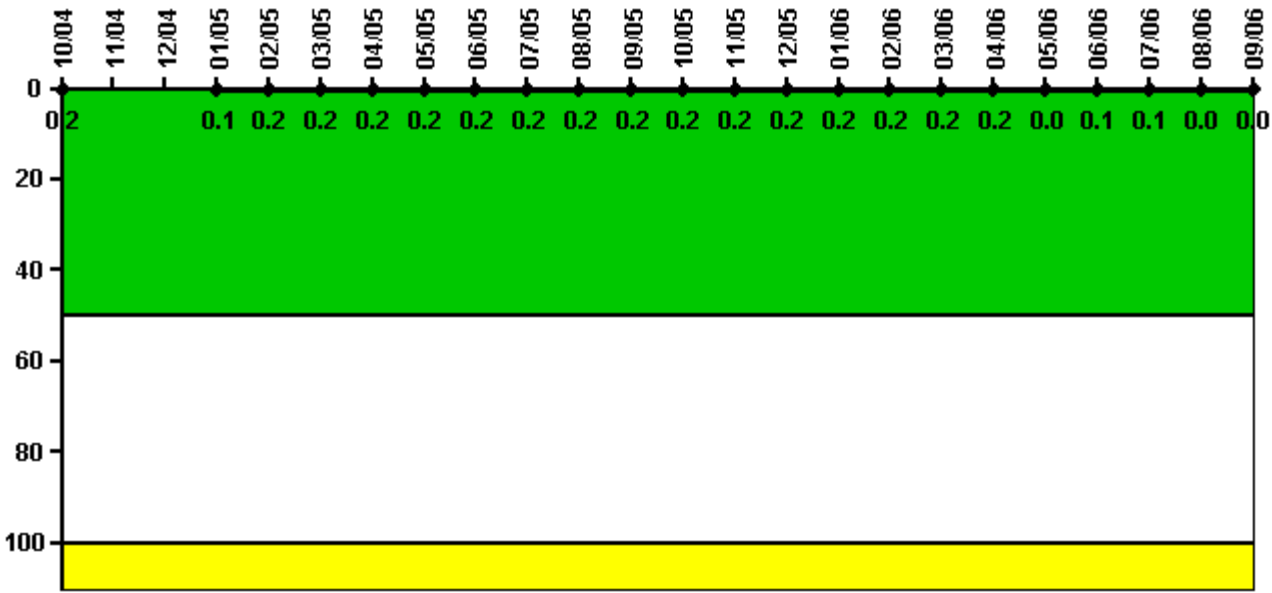
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 |
|---|-------|-------|-------|-------|-------|-------|-----------|-----------|
| UAI (Δ CDF) | | | | | | | 3.20E-07 | 1.60E-07 |
| URI (Δ CDF) | | | | | | | -4.20E-07 | -4.20E-07 |
| PLE | | | | | | | NO | NO |
| Indicator value | | | | | | | -1.00E-07 | -2.60E-07 |

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

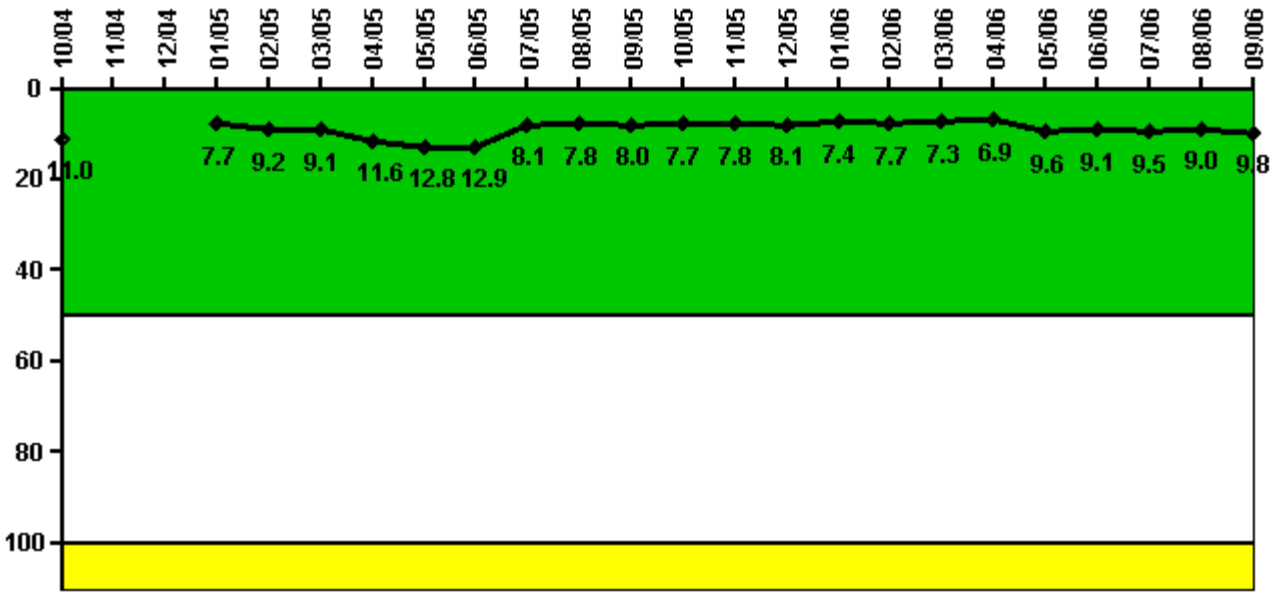
Notes

| Reactor Coolant System Activity | 10/04 | 11/04 | 12/04 | 1/05 | 2/05 | 3/05 | 4/05 | 5/05 | 6/05 | 7/05 | 8/05 | 9/05 |
|---------------------------------|----------|-------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000457 | N/A | N/A | 0.000126 | 0.000346 | 0.000364 | 0.000357 | 0.000410 | 0.000400 | 0.000437 | 0.000402 | 0.000384 |
| 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 | 0.2 | N/A | N/A | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |

| 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 | 0.000392 | 0.000389 | 0.000371 | 0.000479 | 0.000382 | 0.000405 | 0.000393 | 0.000099 | 0.000232 | 0.000106 | 0.000051 | 0.000050 |
| 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 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 | 0.1 | 0.1 | 0 | 0 |

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

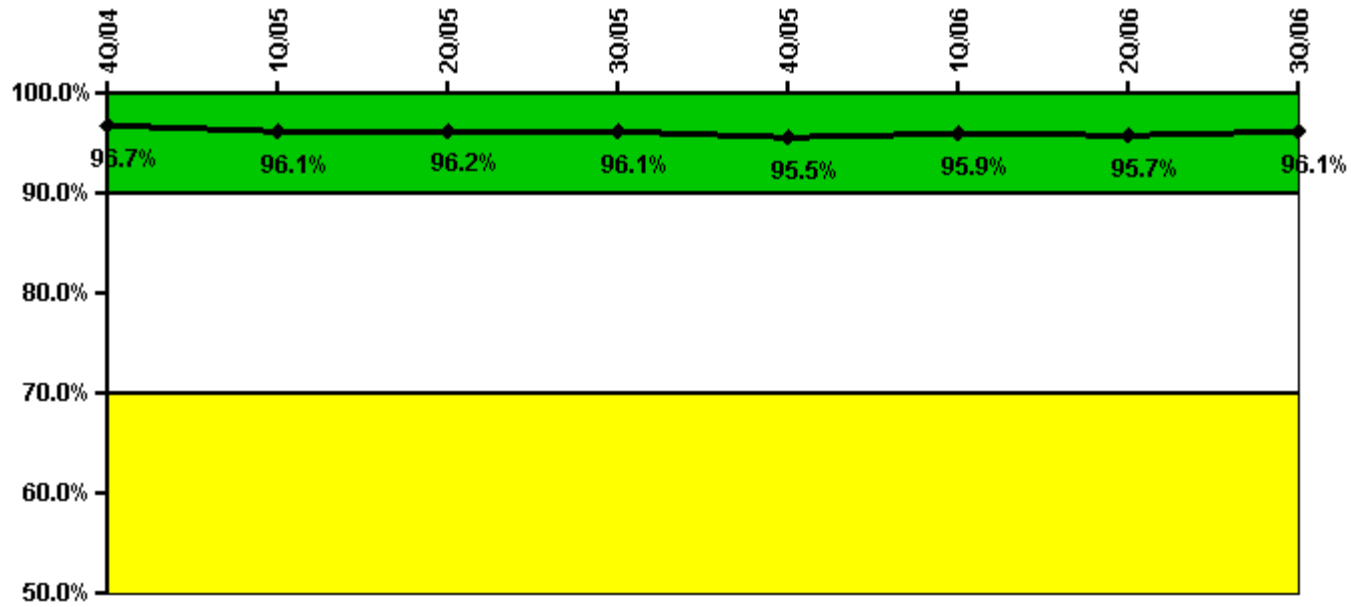
Notes

| Reactor Coolant System Leakage | 10/04 | 11/04 | 12/04 | 1/05 | 2/05 | 3/05 | 4/05 | 5/05 | 6/05 | 7/05 | 8/05 | 9/05 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 2.760 | N/A | N/A | 1.920 | 2.310 | 2.282 | 2.910 | 3.200 | 3.230 | 2.020 | 1.942 | 1.990 |
| 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 | 11.0 | N/A | N/A | 7.7 | 9.2 | 9.1 | 11.6 | 12.8 | 12.9 | 8.1 | 7.8 | 8.0 |

| 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 | 1.920 | 1.950 | 2.030 | 1.840 | 1.920 | 1.820 | 1.720 | 2.400 | 2.277 | 2.370 | 2.260 | 2.440 |
| 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 | 7.7 | 7.8 | 8.1 | 7.4 | 7.7 | 7.3 | 6.9 | 9.6 | 9.1 | 9.5 | 9.0 | 9.8 |

Licensee Comments: none

Drill/Exercise Performance



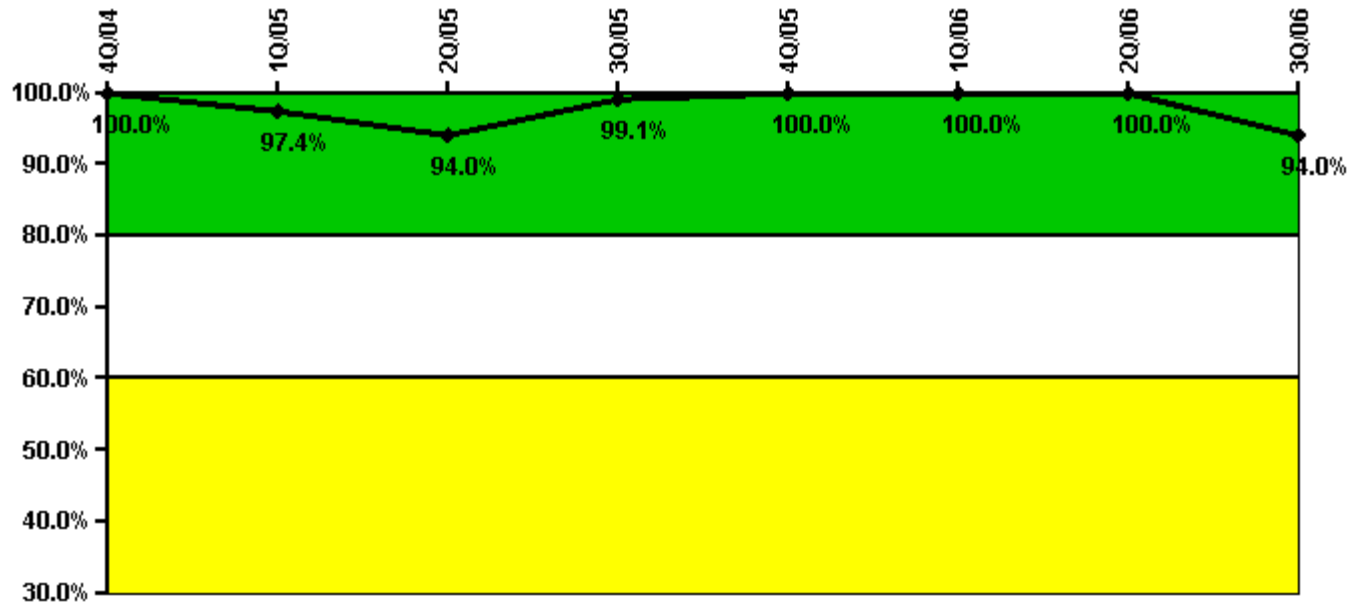
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 101.0 | 19.0 | 7.0 | 14.0 | 65.0 | 75.0 | 36.0 | 50.0 |
| Total opportunities | 108.0 | 20.0 | 8.0 | 14.0 | 68.0 | 76.0 | 38.0 | 50.0 |
| Indicator value | 96.7% | 96.1% | 96.2% | 96.1% | 95.5% | 95.9% | 95.7% | 96.1% |

Licensee Comments: none

ERO Drill Participation



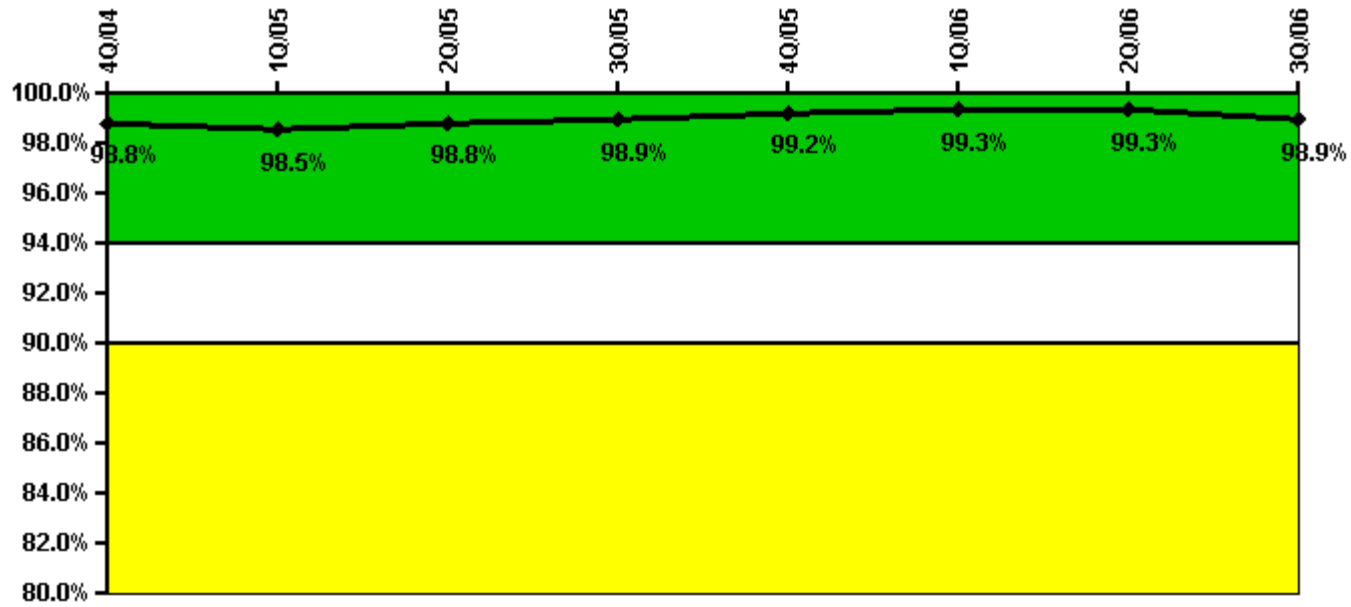
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 |
|-----------------------------|--------|-------|-------|-------|--------|--------|--------|-------|
| Participating Key personnel | 82.0 | 112.0 | 110.0 | 116.0 | 108.0 | 111.0 | 107.0 | 110.0 |
| Total Key personnel | 82.0 | 115.0 | 117.0 | 117.0 | 108.0 | 111.0 | 107.0 | 117.0 |
| Indicator value | 100.0% | 97.4% | 94.0% | 99.1% | 100.0% | 100.0% | 100.0% | 94.0% |

Licensee Comments: none

Alert & Notification System



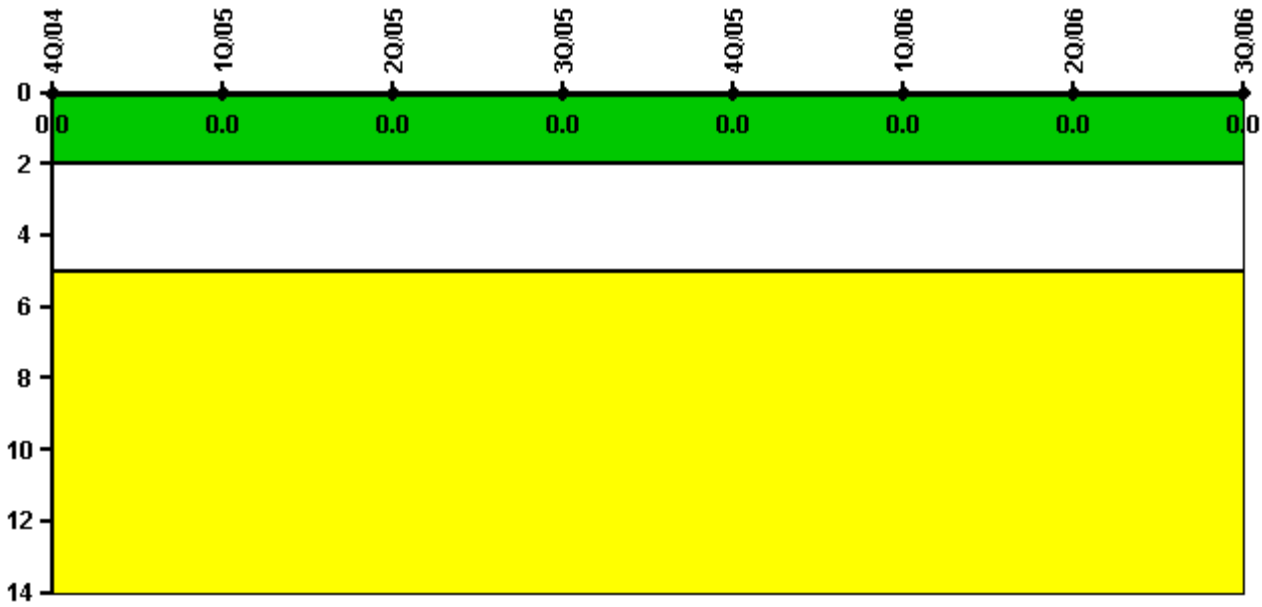
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 487 | 490 | 496 | 493 | 493 | 492 | 496 | 485 |
| Total sirens-tests | 497 | 497 | 497 | 497 | 497 | 497 | 497 | 497 |
| Indicator value | 98.8% | 98.5% | 98.8% | 98.9% | 99.2% | 99.3% | 99.3% | 98.9% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/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 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/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.