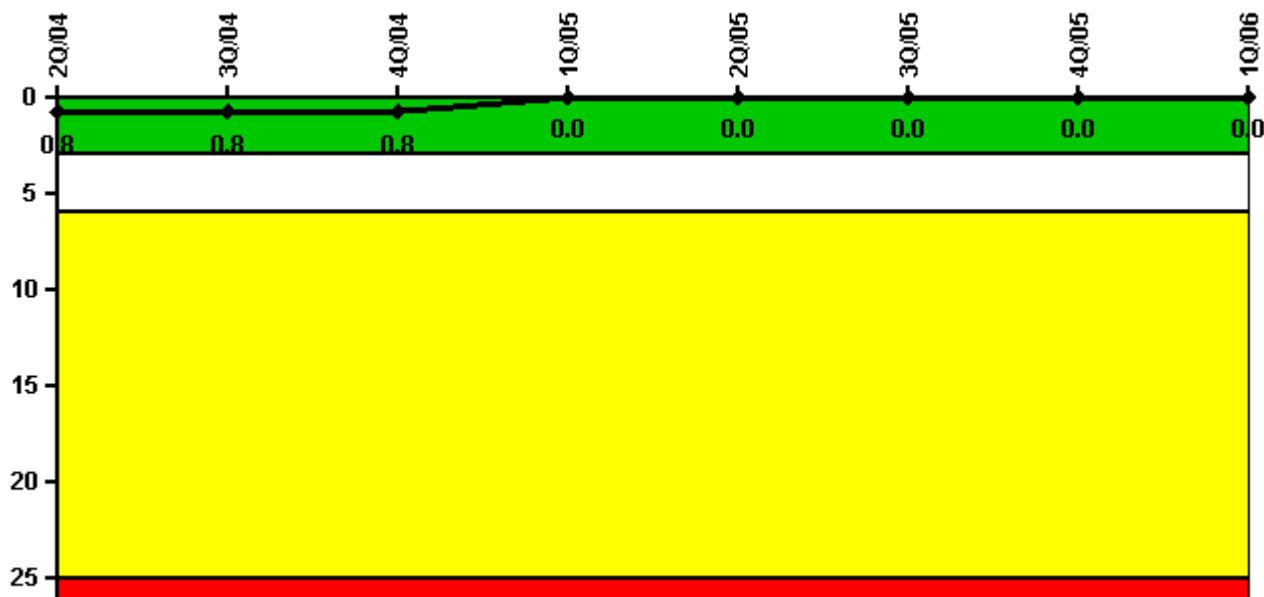


Calvert Cliffs 2

1Q/2006 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



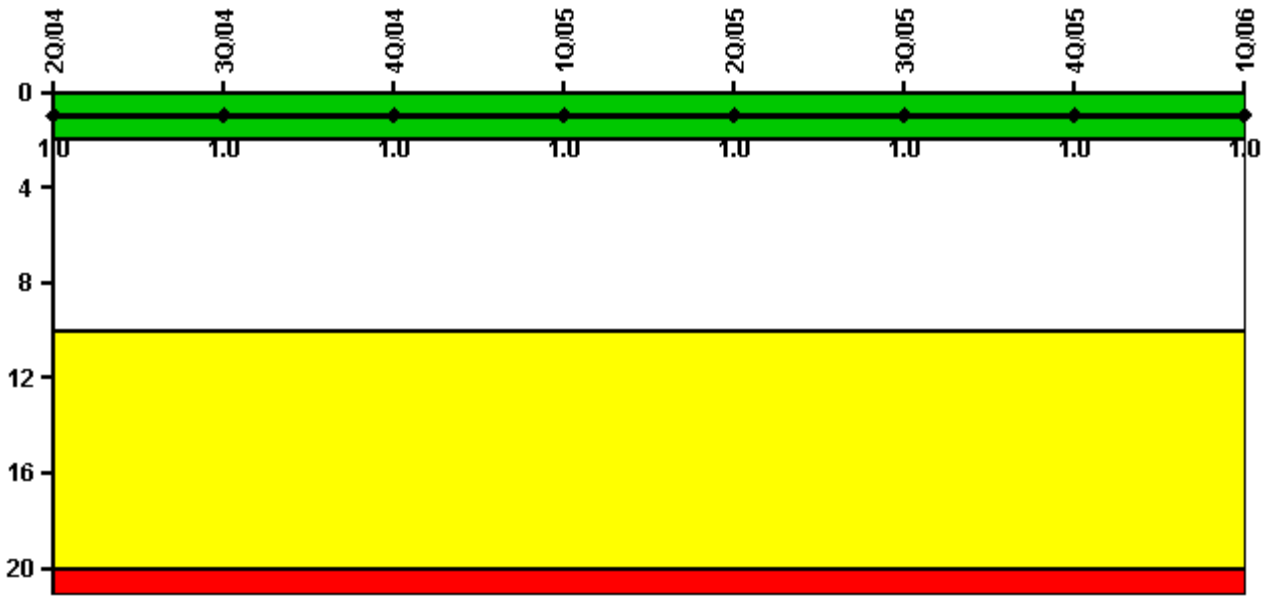
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 |
|--|------------|------------|------------|----------|----------|----------|----------|----------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2183.0 | 2208.0 | 2209.0 | 1685.9 | 2183.0 | 2208.0 | 2209.0 | 2160.0 |
| | | | | | | | | |
| Indicator value | 0.8 | 0.8 | 0.8 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



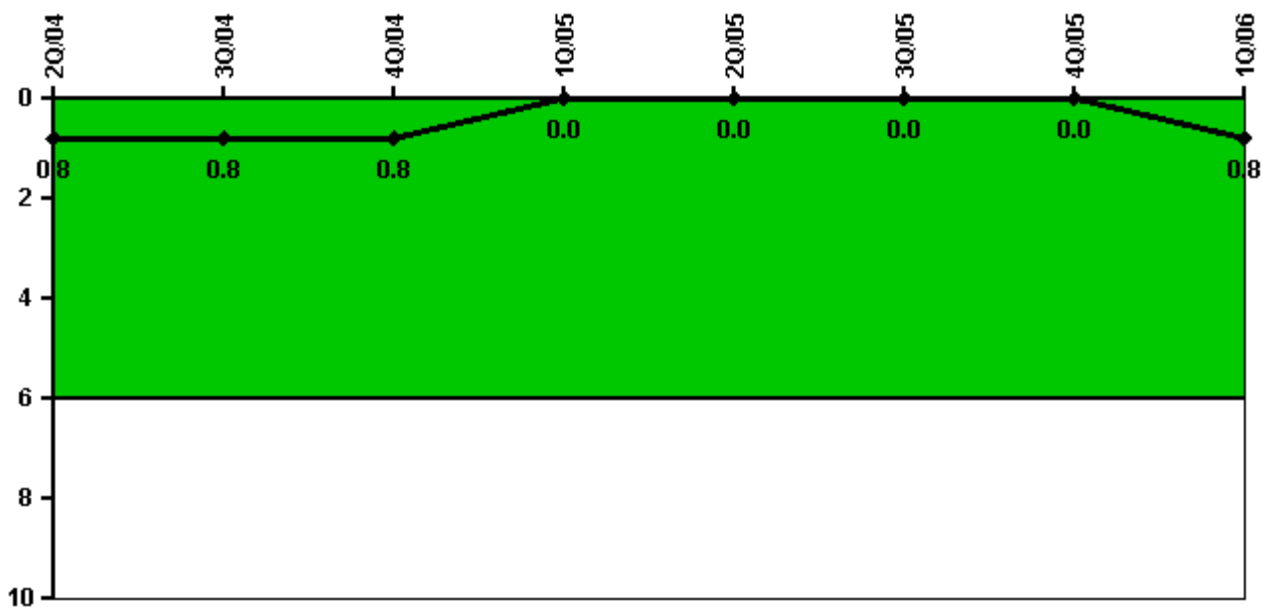
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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



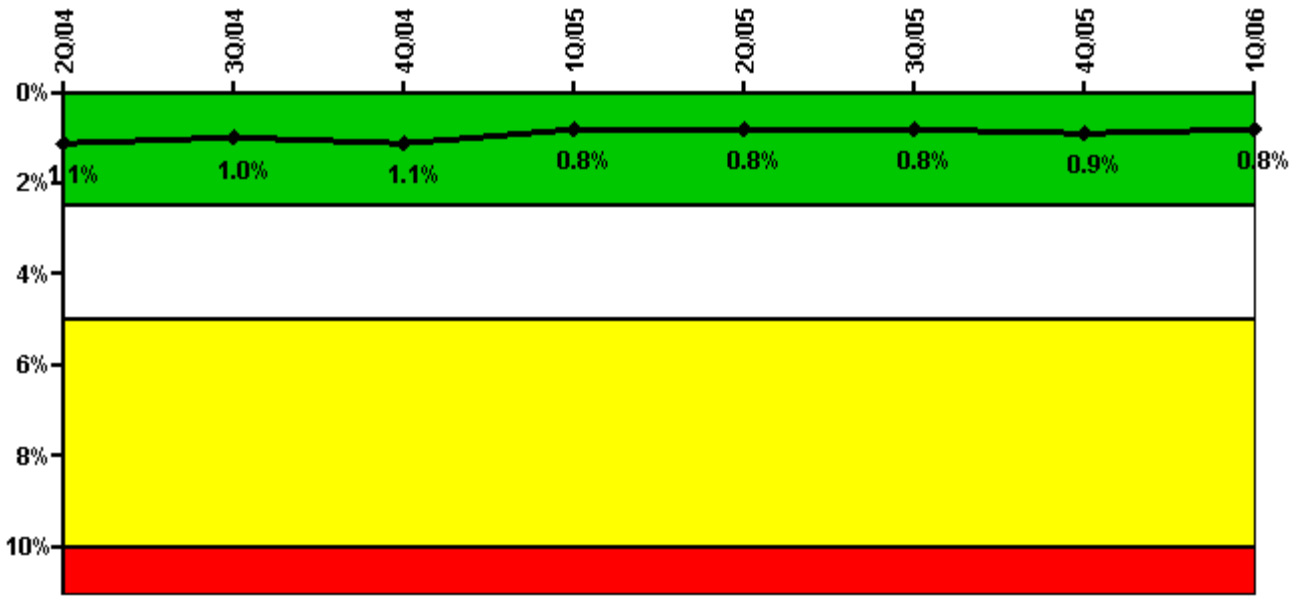
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.0 |
| Critical hours | 2183.0 | 2208.0 | 2209.0 | 1685.9 | 2183.0 | 2208.0 | 2209.0 | 2160.0 |
| Indicator value | 0.8 | 0.8 | 0.8 | 0 | 0 | 0 | 0 | 0.8 |

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



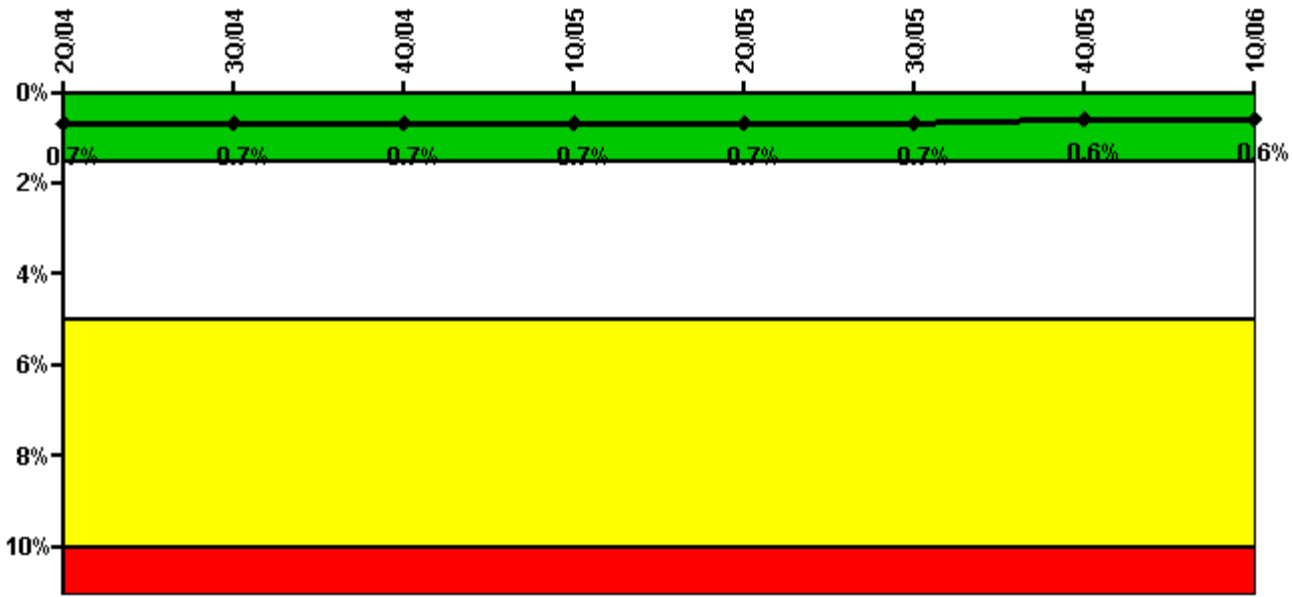
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

| Safety System Unavailability, Emergency AC Power | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 0 | 0 | 16.81 | 0 | 1.50 | 0 | 42.00 | 0 |
| Unplanned unavailable hours | 0 | 0 | 16.00 | 8.07 | 0 | 0 | 47.05 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 2208.00 | 2209.00 | 2160.00 | 2183.00 | 2208.00 | 2209.00 | 2160.00 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 11.61 | 18.84 | 2.90 | 0 | 13.35 | 0 | 0 | 0 |
| Unplanned unavailable hours | 0.91 | 0 | 0 | 0 | 0.25 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 2208.00 | 2209.00 | 2160.00 | 2183.00 | 2208.00 | 2209.00 | 2160.00 |
| Indicator value | 1.1% | 1.0% | 1.1% | 0.8% | 0.8% | 0.8% | 0.9% | 0.8% |

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



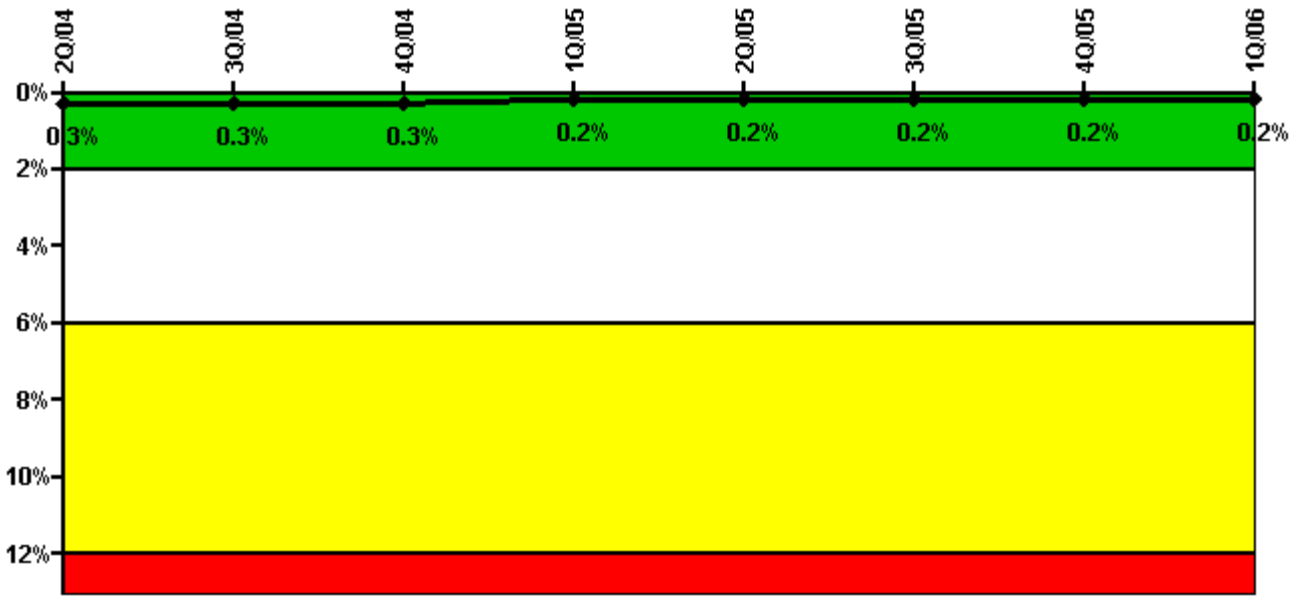
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

| Safety System Unavailability, High Pressure Injection System (HPSI) | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 3.00 | 0.59 | 9.35 | 18.92 | 3.38 | 2.48 | 1.61 | 17.78 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 2208.00 | 2209.00 | 1685.89 | 2183.00 | 2208.00 | 2209.00 | 2160.00 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 3.00 | 24.01 | 1.00 | 15.30 | 1.88 | 23.73 | 1.61 | 25.25 |
| Unplanned unavailable hours | 0.33 | 0 | 0 | 0 | 0 | 12.80 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 2208.00 | 2209.00 | 1685.89 | 2183.00 | 2208.00 | 2209.00 | 2160.00 |
| Indicator value | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.6% | 0.6% |

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



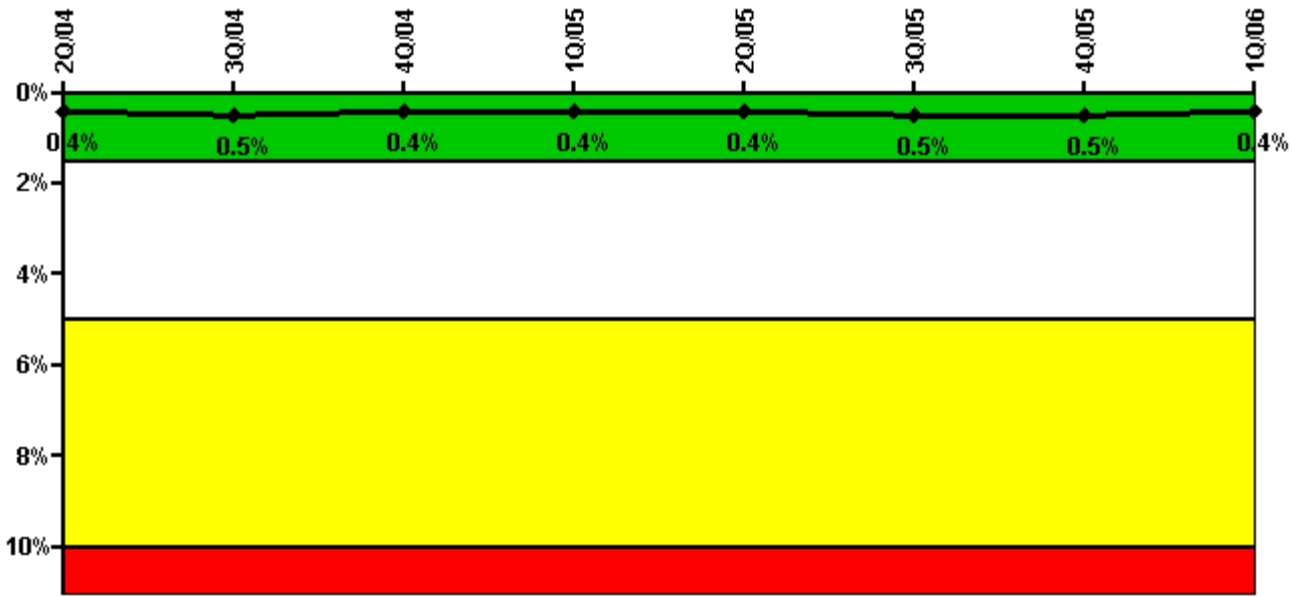
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

| Safety System Unavailability, Heat Removal System (AFW) | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 2.79 | 0.68 | 5.82 | 0.78 | 0.63 | 0 | 1.08 | 0.75 |
| Unplanned unavailable hours | 0 | 0 | 0 | 1.00 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 2208.00 | 2209.00 | 1685.89 | 2183.00 | 2208.00 | 2209.00 | 2160.00 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 0 | 4.77 | 1.02 | 0.43 | 9.80 | 1.10 | 0.75 | 0.45 |
| Unplanned unavailable hours | 0 | 4.25 | 11.03 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 2208.00 | 2209.00 | 1685.89 | 2183.00 | 2208.00 | 2209.00 | 2160.00 |
| Train 3 | | | | | | | | |
| Planned unavailable hours | 0 | 43.08 | 0 | 0 | 0 | 0 | 0 | 16.30 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 9.69 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 2208.00 | 2209.00 | 1685.89 | 2183.00 | 2208.00 | 2209.00 | 2160.00 |
| Indicator value | 0.3% | 0.3% | 0.3% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% |

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



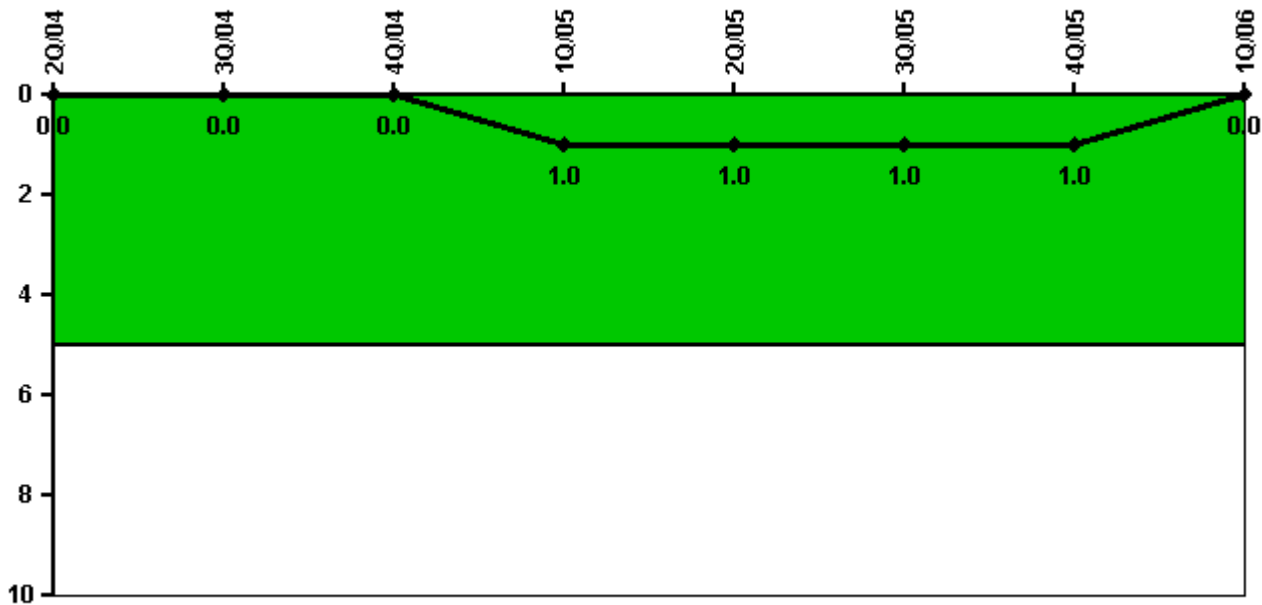
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

| Safety System Unavailability, Residual Heat Removal System | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 0 | 0 | 0 | 430.89 | 0 | 0 | 0 | 0 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 0 | 0 | 0 | 430.89 | 0 | 0 | 0 | 0 |
| Train 3 | | | | | | | | |
| Planned unavailable hours | 1.38 | 12.73 | 15.64 | 21.30 | 3.00 | 34.11 | 19.95 | 25.28 |
| Unplanned unavailable hours | 0 | 4.60 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 2208.00 | 2209.00 | 1729.11 | 2183.00 | 2208.00 | 2209.00 | 2160.00 |
| Train 4 | | | | | | | | |
| Planned unavailable hours | 1.17 | 32.52 | 2.92 | 19.73 | 2.77 | 41.25 | 3.93 | 27.79 |
| Unplanned unavailable hours | 0.33 | 4.82 | 0 | 0 | 0 | 14.40 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 2208.00 | 2209.00 | 1729.11 | 2183.00 | 2208.00 | 2209.00 | 2160.00 |
| Indicator value | 0.4% | 0.5% | 0.4% | 0.4% | 0.4% | 0.5% | 0.5% | 0.4% |

Licensee Comments: none

Safety System Functional Failures (PWR)



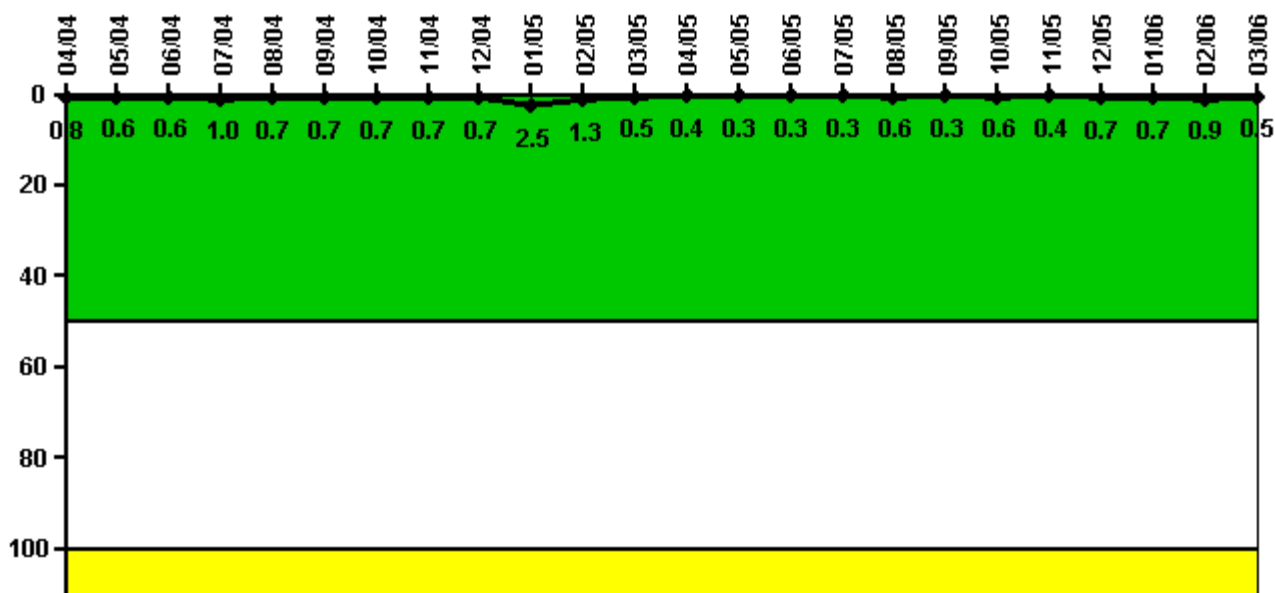
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



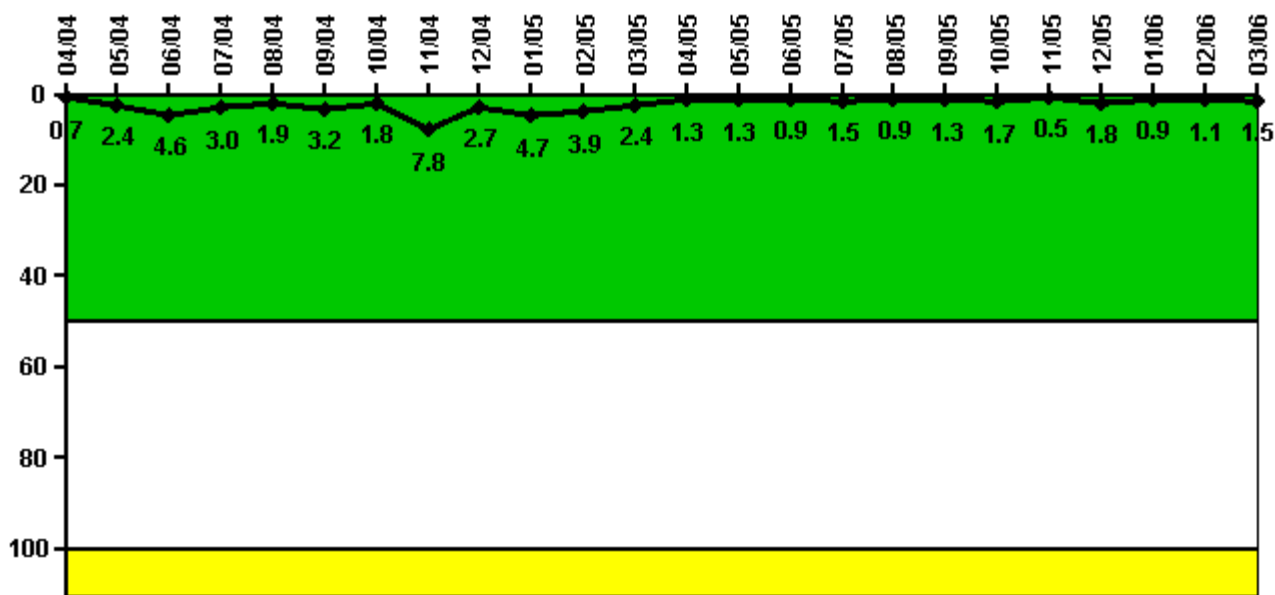
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Activity | 4/04 | 5/04 | 6/04 | 7/04 | 8/04 | 9/04 | 10/04 | 11/04 | 12/04 | 1/05 | 2/05 | 3/05 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.007520 | 0.005780 | 0.006260 | 0.010300 | 0.007170 | 0.006560 | 0.007020 | 0.007020 | 0.006850 | 0.025100 | 0.012700 | 0.005490 |
| 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 | 0.8 | 0.6 | 0.6 | 1.0 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 2.5 | 1.3 | 0.5 |
| Reactor Coolant System Activity | 4/05 | 5/05 | 6/05 | 7/05 | 8/05 | 9/05 | 10/05 | 11/05 | 12/05 | 1/06 | 2/06 | 3/06 |
| Maximum activity | 0.003780 | 0.003410 | 0.003020 | 0.003010 | 0.005790 | 0.003180 | 0.005620 | 0.004070 | 0.006690 | 0.006580 | 0.008720 | 0.005310 |
| 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 | 0.4 | 0.3 | 0.3 | 0.3 | 0.6 | 0.3 | 0.6 | 0.4 | 0.7 | 0.7 | 0.9 | 0.5 |

Licensee Comments: none

Reactor Coolant System Leakage



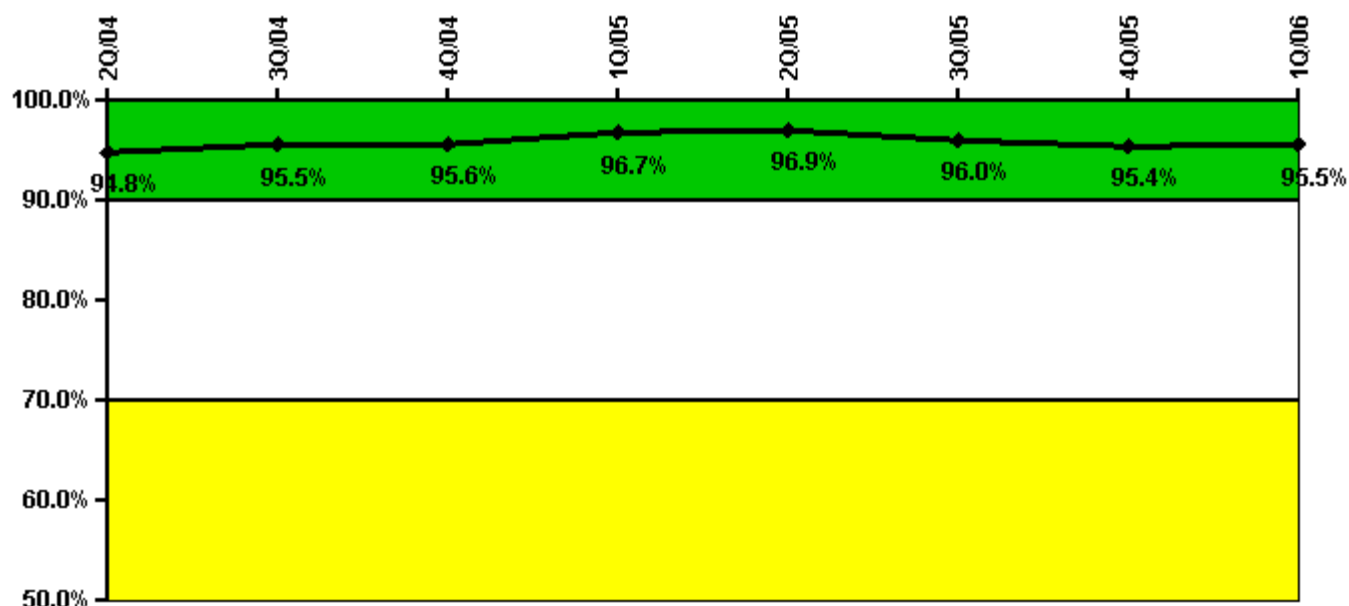
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Leakage | 4/04 | 5/04 | 6/04 | 7/04 | 8/04 | 9/04 | 10/04 | 11/04 | 12/04 | 1/05 | 2/05 | 3/05 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 0.070 | 0.240 | 0.460 | 0.300 | 0.190 | 0.320 | 0.176 | 0.783 | 0.269 | 0.470 | 0.392 | 0.236 |
| 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 | 0.7 | 2.4 | 4.6 | 3.0 | 1.9 | 3.2 | 1.8 | 7.8 | 2.7 | 4.7 | 3.9 | 2.4 |
| Reactor Coolant System Leakage | 4/05 | 5/05 | 6/05 | 7/05 | 8/05 | 9/05 | 10/05 | 11/05 | 12/05 | 1/06 | 2/06 | 3/06 |
| Maximum leakage | 0.130 | 0.130 | 0.090 | 0.147 | 0.093 | 0.134 | 0.170 | 0.050 | 0.180 | 0.086 | 0.105 | 0.153 |
| 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 | 1.3 | 1.3 | 0.9 | 1.5 | 0.9 | 1.3 | 1.7 | 0.5 | 1.8 | 0.9 | 1.1 | 1.5 |

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

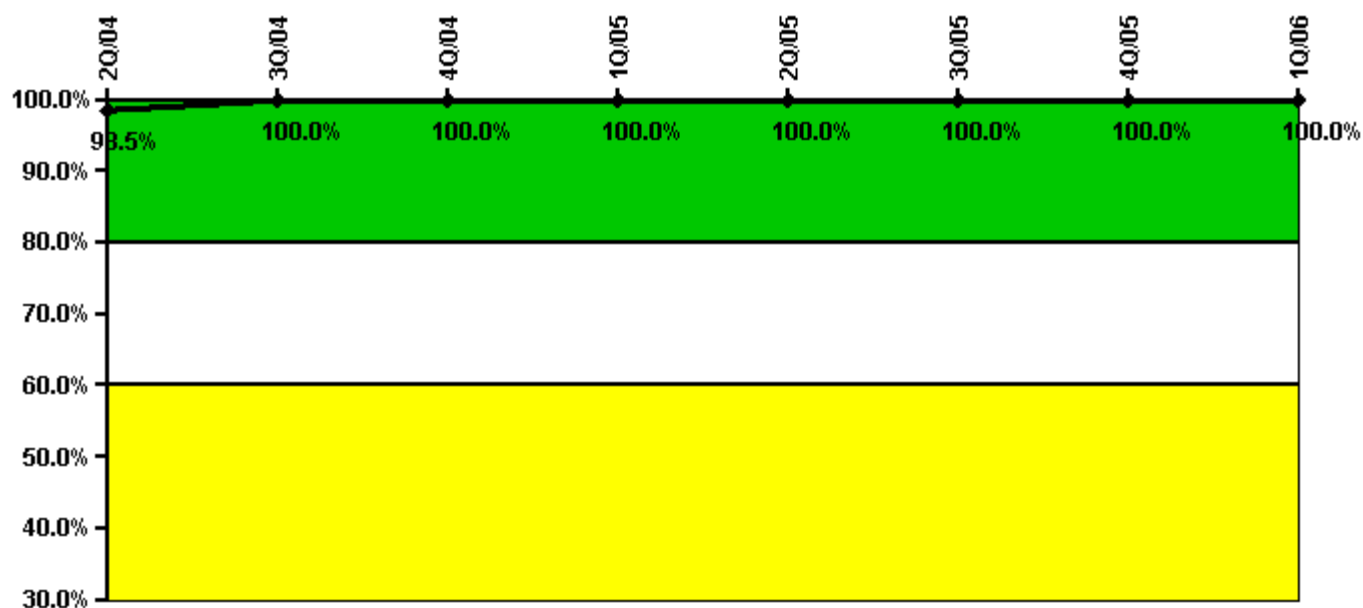
Notes

| Drill/Exercise Performance | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 14.0 | 26.0 | 72.0 | 2.0 | 0 | 49.0 | 107.0 | 4.0 |
| Total opportunities | 15.0 | 27.0 | 75.0 | 2.0 | 0 | 52.0 | 112.0 | 4.0 |
| Indicator value | 94.8% | 95.5% | 95.6% | 96.7% | 96.9% | 96.0% | 95.4% | 95.5% |

Licensee Comments:

4Q/04: November 2004 Drill and Exercise Performance has been revised to show one additional opportunity to perform classifications, notifications and PARs.

ERO Drill Participation



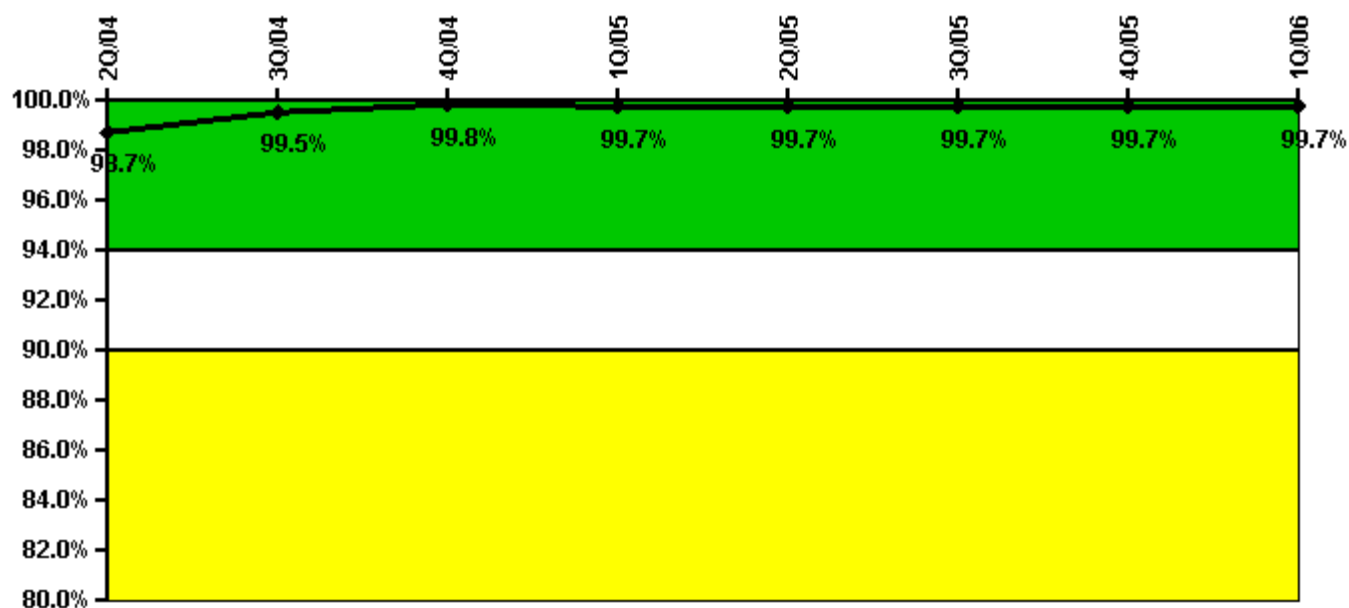
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 |
|-----------------------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Participating Key personnel | 65.0 | 68.0 | 68.0 | 65.0 | 62.0 | 62.0 | 59.0 | 56.0 |
| Total Key personnel | 66.0 | 68.0 | 68.0 | 65.0 | 62.0 | 62.0 | 59.0 | 56.0 |
| | | | | | | | | |
| Indicator value | 98.5% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

Alert & Notification System



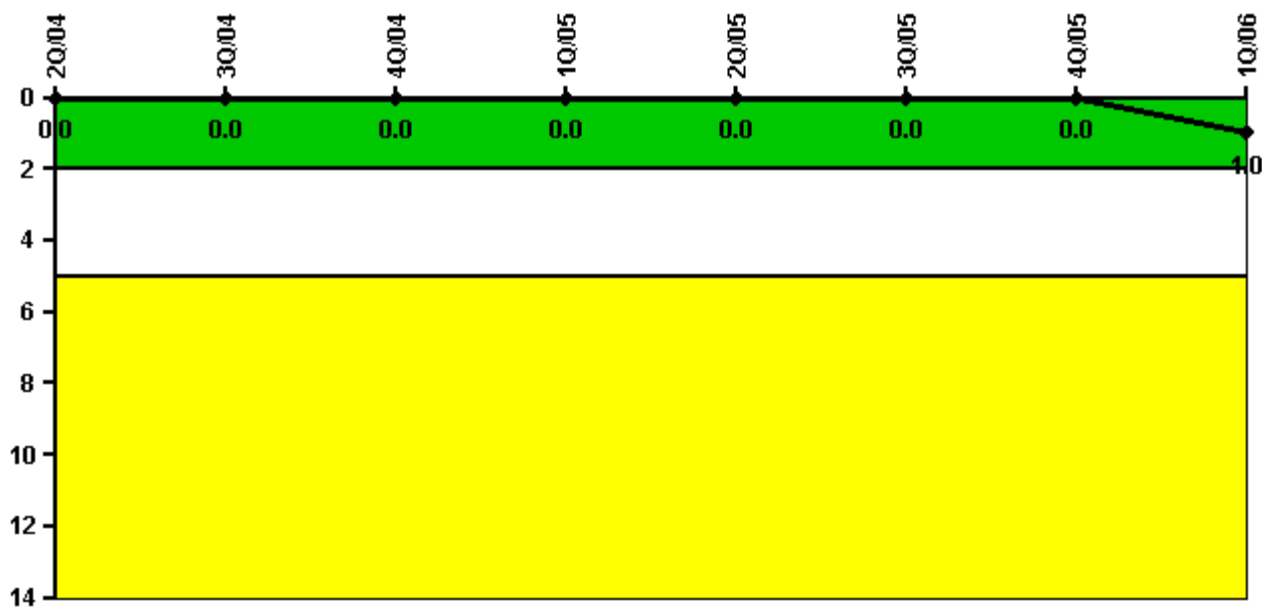
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 932 | 934 | 948 | 944 | 944 | 949 | 946 | 947 |
| Total sirens-tests | 936 | 936 | 949 | 949 | 949 | 949 | 949 | 949 |
| Indicator value | 98.7% | 99.5% | 99.8% | 99.7% | 99.7% | 99.7% | 99.7% | 99.7% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 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 | 1 |

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

| RETS/ODCM Radiological Effluent | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/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: May 5, 2006