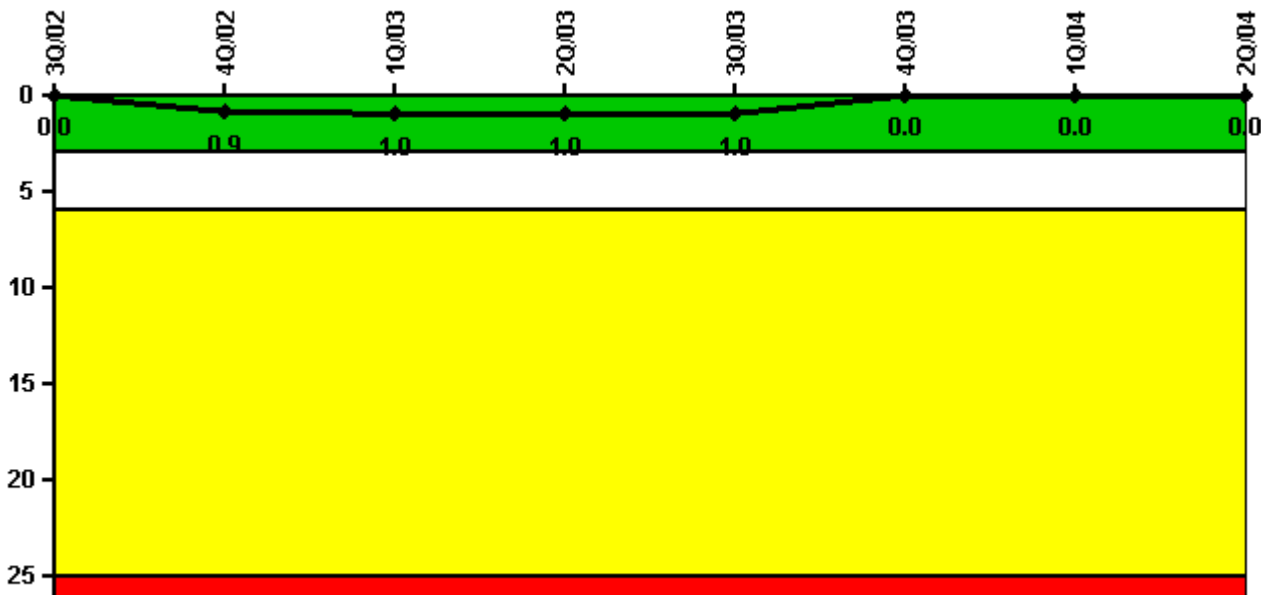


Vogtle 2

2Q/2004 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



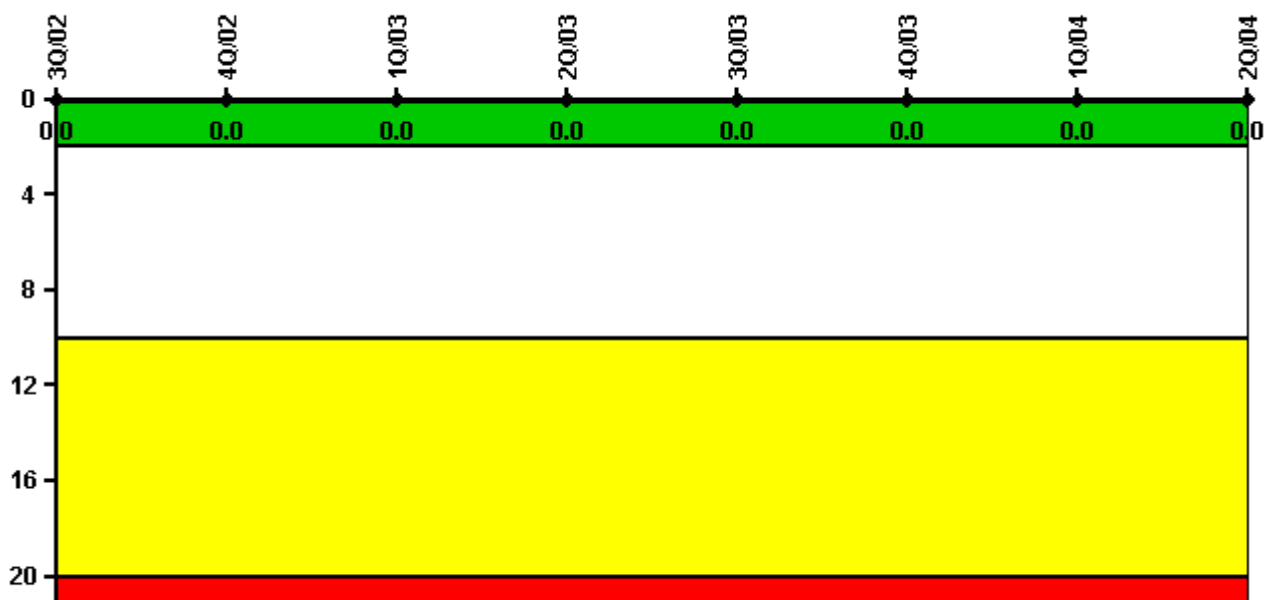
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 |
|--|--------|-------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 1.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2208.0 | 838.9 | 2122.7 | 2183.0 | 1930.2 | 2209.0 | 2184.0 | 1502.5 |
| Indicator value | 0 | 0.9 | 1.0 | 1.0 | 1.0 | 0 | 0 | 0 |

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



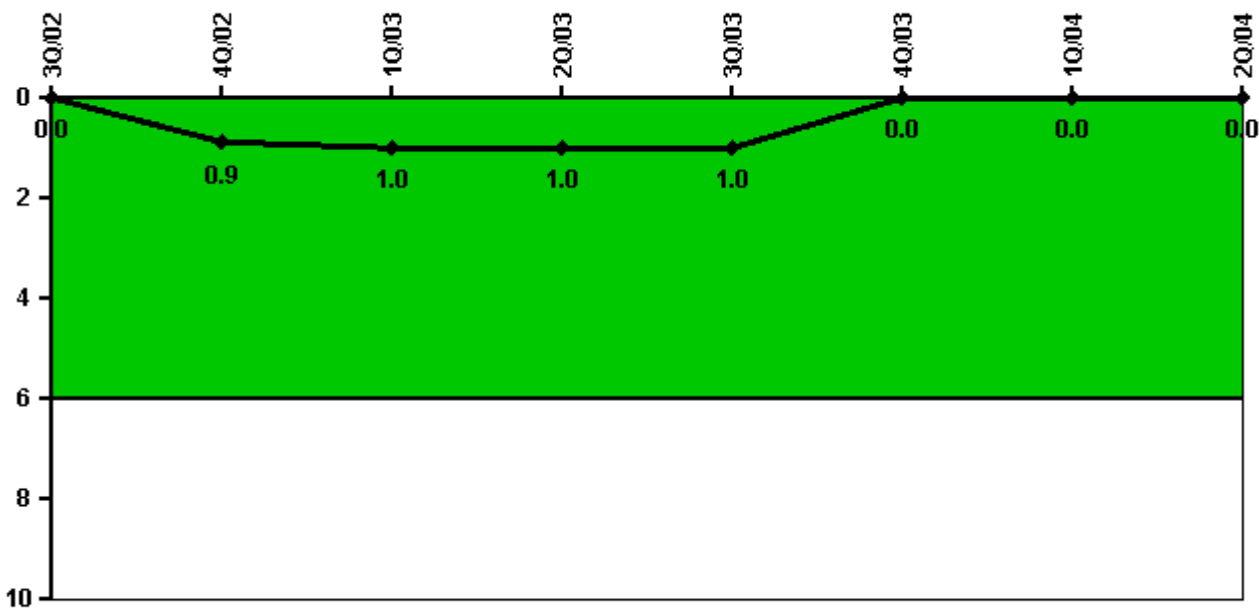
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

| Scrams with Loss of Normal Heat Removal | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| 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



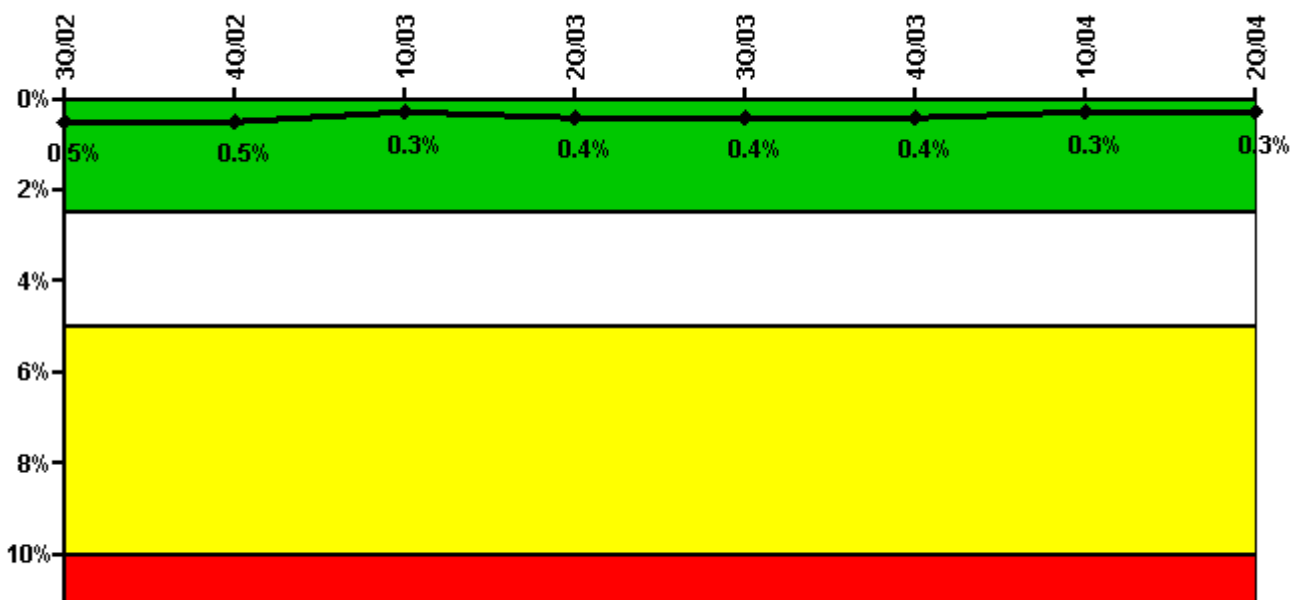
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 |
|---|--------|-------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes | 0 | 1.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2208.0 | 838.9 | 2122.7 | 2183.0 | 1930.2 | 2209.0 | 2184.0 | 1502.5 |
| Indicator value | 0 | 0.9 | 1.0 | 1.0 | 1.0 | 0 | 0 | 0 |

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



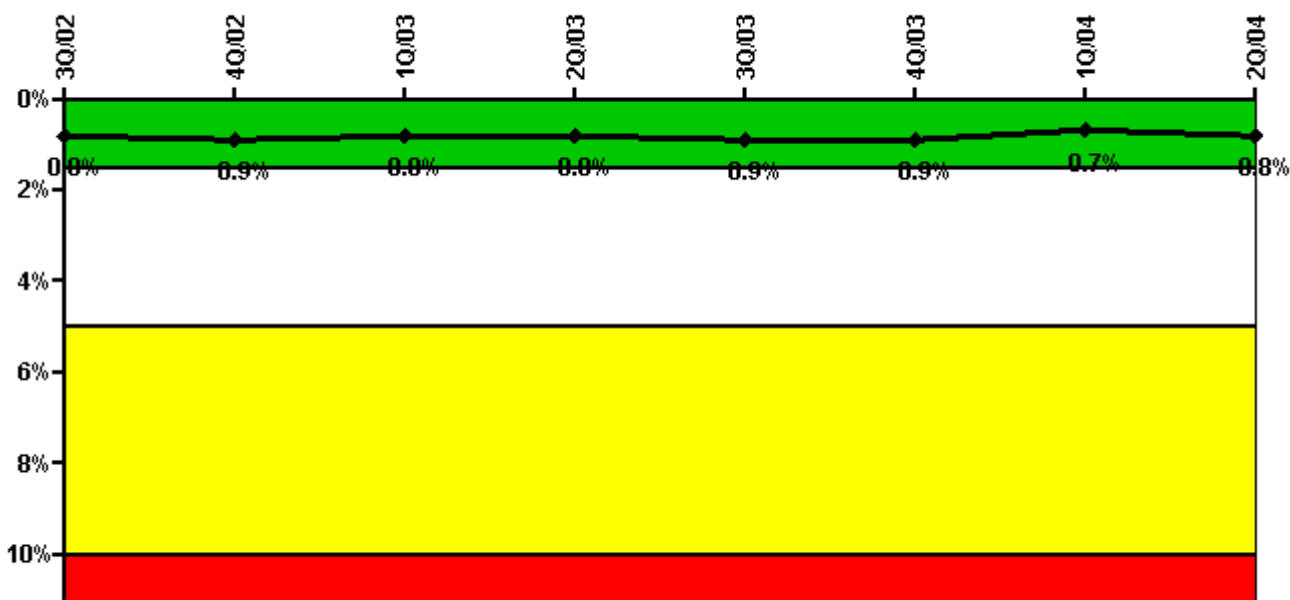
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

| Safety System Unavailability, Emergency AC Power | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 1.50 | 1.21 | 4.16 | 3.20 | 1.87 | 1.74 | 6.07 | 2.07 |
| 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 | 2208.00 | 2209.00 | 2160.00 | 2183.00 | 2208.00 | 2209.00 | 2184.00 | 2183.00 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 2.54 | 1.33 | 2.15 | 6.11 | 21.08 | 3.18 | 2.11 | 1.57 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 12.13 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2208.00 | 2209.00 | 2160.00 | 2183.00 | 2208.00 | 2209.00 | 2184.00 | 2183.00 |
| Indicator value | 0.5% | 0.5% | 0.3% | 0.4% | 0.4% | 0.4% | 0.3% | 0.3% |

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)

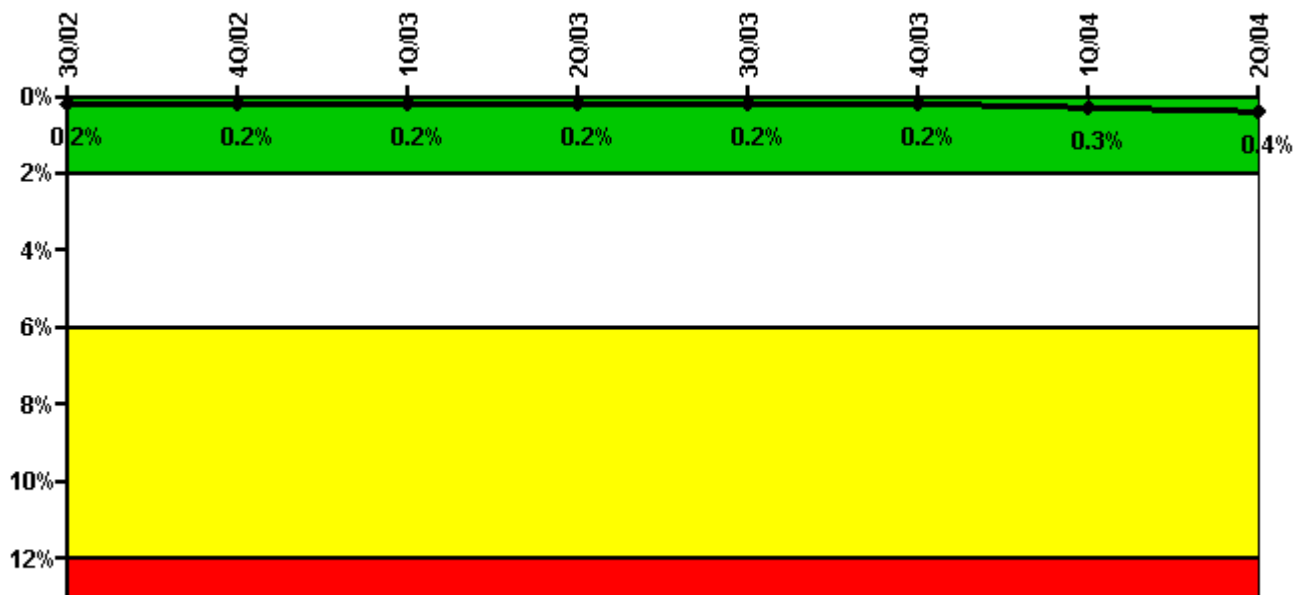


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

| Safety System Unavailability, High Pressure Injection System (HPSI) | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 7.96 | 5.33 | 15.91 | 6.83 | 5.85 | 2.06 | 18.52 | 0.62 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 1.30 | 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 | 2208.00 | 838.94 | 2122.70 | 2183.00 | 1930.16 | 2209.00 | 2184.00 | 1502.50 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 3.21 | 3.41 | 9.68 | 12.26 | 23.56 | 8.29 | 4.96 | 47.84 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 1.90 | 19.58 |
| Fault exposure hours | 0 | 0 | 0 | 12.13 | 0 | 0 | 0 | 6.30 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2208.00 | 838.94 | 2122.70 | 2183.00 | 1930.16 | 2209.00 | 2184.00 | 1502.50 |
| Train 3 | | | | | | | | |
| Planned unavailable hours | 10.36 | 5.50 | 7.08 | 9.21 | 6.40 | 22.45 | 18.42 | 5.91 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 1.30 | 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 | 2208.00 | 838.94 | 2122.70 | 2183.00 | 1930.16 | 2209.00 | 2184.00 | 1502.50 |
| Train 4 | | | | | | | | |
| Planned unavailable hours | 7.18 | 4.30 | 11.17 | 13.63 | 24.36 | 10.32 | 5.84 | 20.80 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 1.90 | 19.58 |
| Fault exposure hours | 0 | 0 | 0 | 12.13 | 0 | 0 | 0 | 6.30 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2208.00 | 838.94 | 2122.70 | 2183.00 | 1930.16 | 2209.00 | 2184.00 | 1502.50 |
| Indicator value | 0.8% | 0.9% | 0.8% | 0.8% | 0.9% | 0.9% | 0.7% | 0.8% |

Safety System Unavailability, Heat Removal System (AFW)



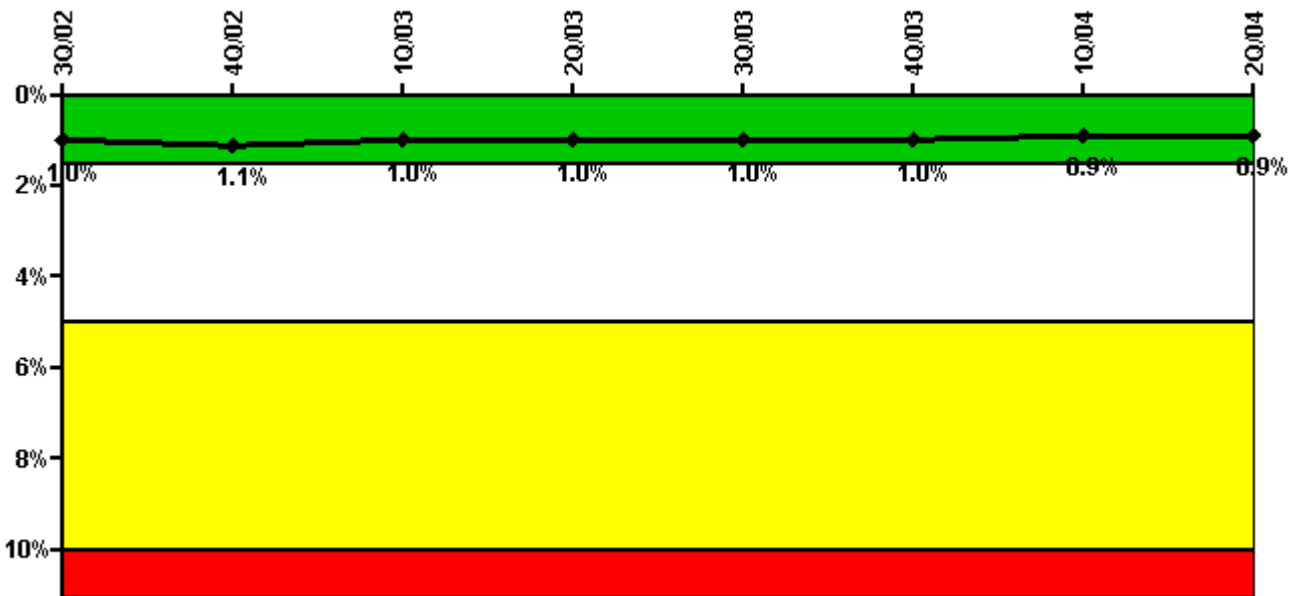
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

| Safety System Unavailability, Heat Removal System (AFW) | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 6.88 | 2.10 | 12.22 | 6.15 | 7.83 | 1.77 | 19.44 | 14.92 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.27 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 9.90 | 0 | 0 | 60.42 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2208.00 | 838.94 | 2122.70 | 2183.00 | 1930.16 | 2209.00 | 2184.00 | 1502.50 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 5.68 | 3.15 | 8.28 | 1.83 | 4.32 | 7.45 | 21.63 | 5.45 |
| 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 | 2208.00 | 838.94 | 2122.70 | 2183.00 | 1930.16 | 2209.00 | 2184.00 | 1502.50 |
| Train 3 | | | | | | | | |
| Planned unavailable hours | 1.92 | 3.96 | 2.13 | 0.62 | 0 | 0.65 | 0.85 | 2.10 |
| 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 | 2208.00 | 838.94 | 2122.70 | 2183.00 | 1930.16 | 2209.00 | 2184.00 | 1502.50 |
| Indicator value | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.3% | 0.4% |

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



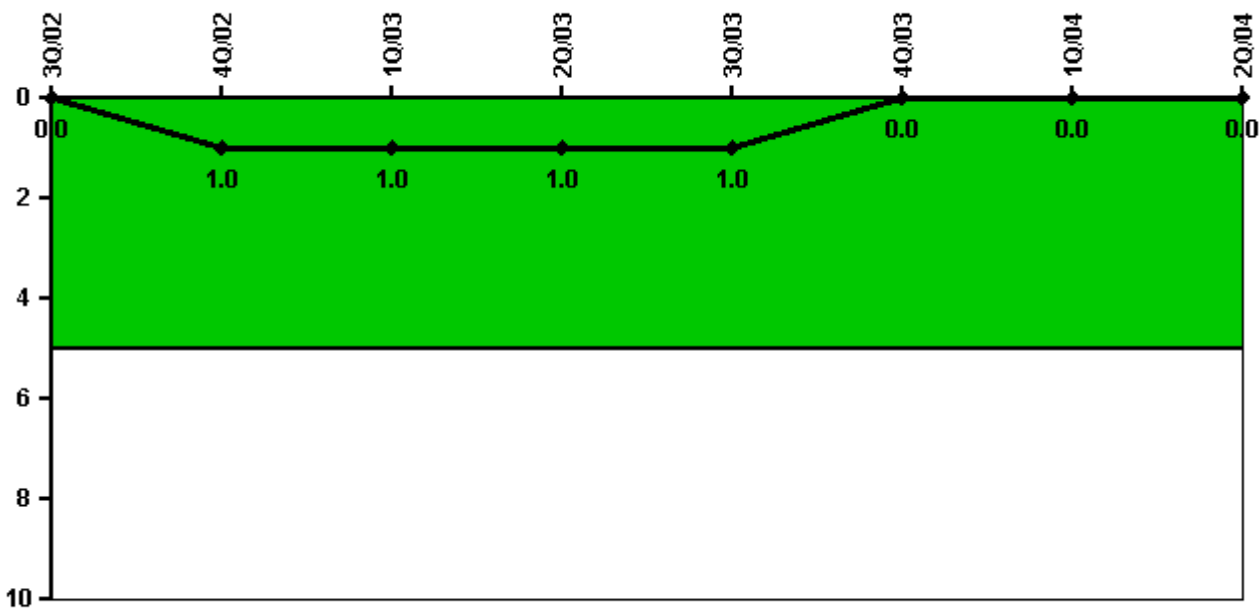
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

| Safety System Unavailability, Residual Heat Removal System | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 45.23 | 5.35 | 13.37 | 9.32 | 7.43 | 3.75 | 29.07 | 2.50 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 1.30 | 0.18 |
| Fault exposure hours | 0.75 | 6.52 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2208.00 | 2209.00 | 2160.00 | 2183.00 | 2208.00 | 2209.00 | 2184.00 | 2087.60 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 19.15 | 6.89 | 21.23 | 14.96 | 26.31 | 11.61 | 28.15 | 20.23 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 1.90 | 19.58 |
| Fault exposure hours | 0 | 0 | 0 | 12.13 | 0 | 0 | 0 | 6.30 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2208.00 | 2209.00 | 2160.00 | 2183.00 | 2208.00 | 2209.00 | 2184.00 | 2087.60 |
| Indicator value | 1.0% | 1.1% | 1.0% | 1.0% | 1.0% | 1.0% | 0.9% | 0.9% |

Licensee Comments: none

Safety System Functional Failures (PWR)



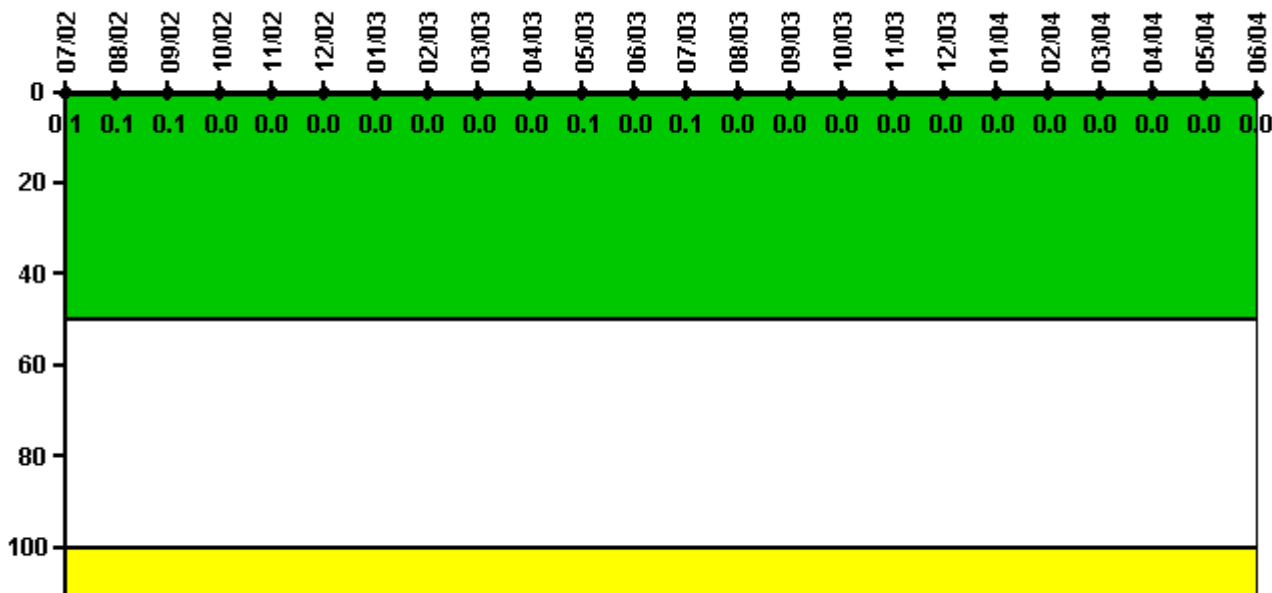
Thresholds: White > 5.0

Notes

| Safety System Functional Failures (PWR) | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 |

Licensee Comments: none

Reactor Coolant System Activity



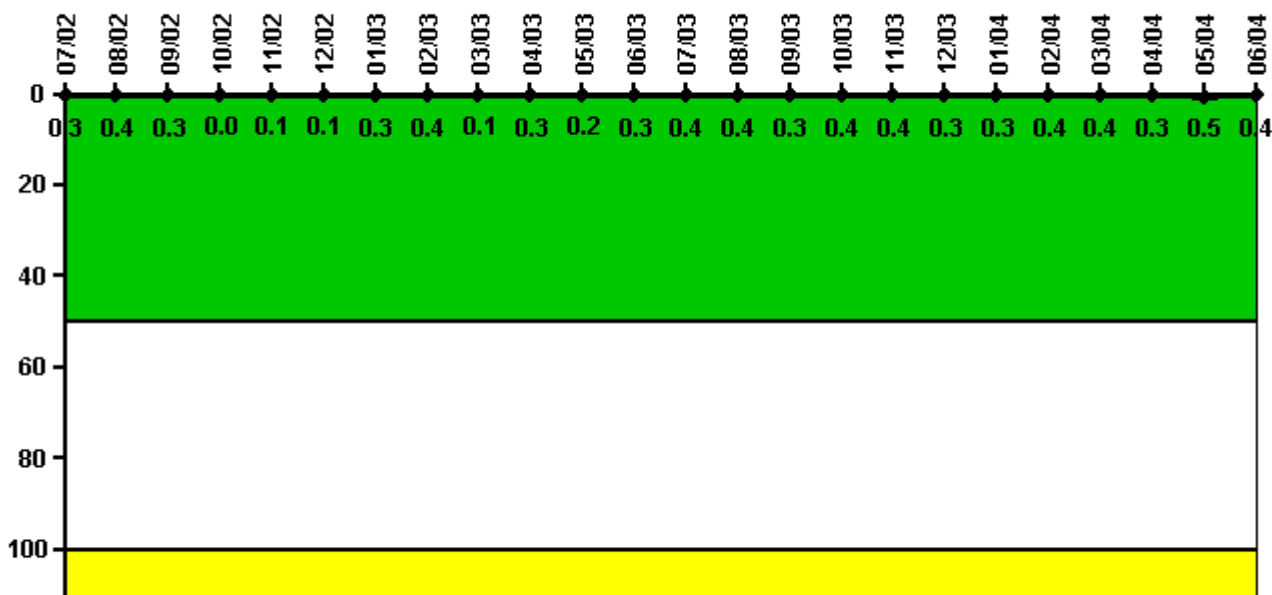
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Activity | 7/02 | 8/02 | 9/02 | 10/02 | 11/02 | 12/02 | 1/03 | 2/03 | 3/03 | 4/03 | 5/03 | 6/03 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000672 | 0.000644 | 0.000914 | 0.000457 | 0.000205 | 0.000198 | 0.000332 | 0.000289 | 0.000261 | 0.000295 | 0.000513 | 0.000404 |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0.1 | 0 |
| Reactor Coolant System Activity | 7/03 | 8/03 | 9/03 | 10/03 | 11/03 | 12/03 | 1/04 | 2/04 | 3/04 | 4/04 | 5/04 | 6/04 |
| Maximum activity | 0.000736 | 0.000356 | 0.000389 | 0.000375 | 0.000377 | 0.000409 | 0.000420 | 0.000400 | 0.000416 | 0.000411 | 0.000205 | 0.000231 |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

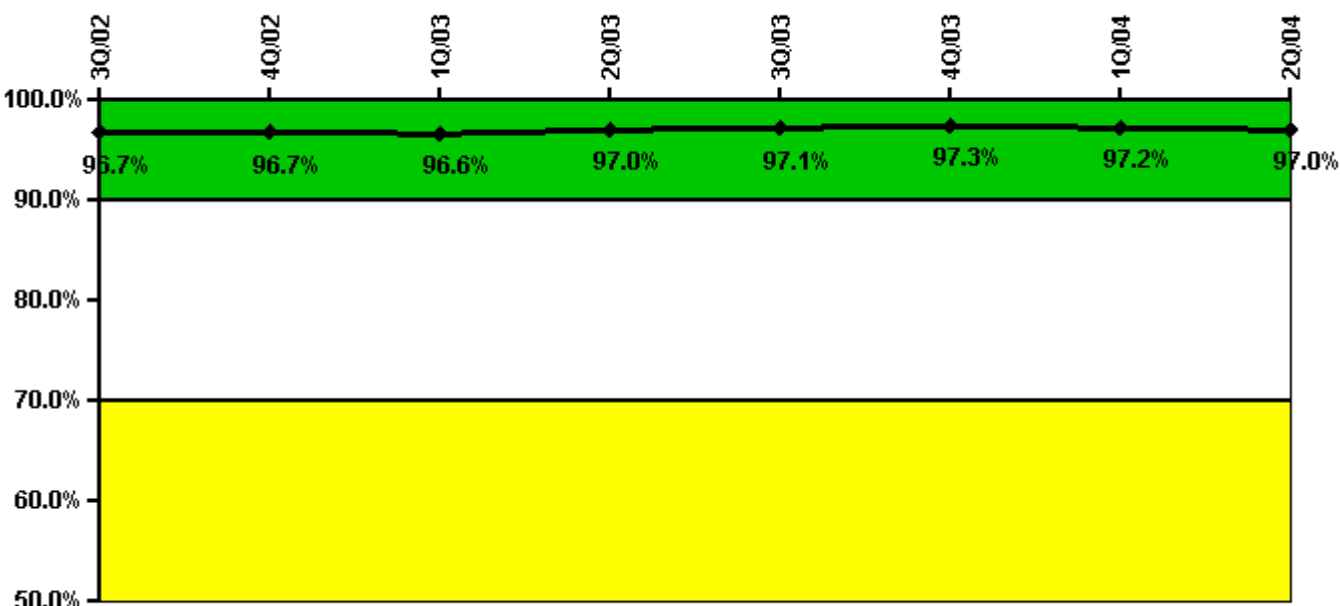
Notes

| Reactor Coolant System Leakage | 7/02 | 8/02 | 9/02 | 10/02 | 11/02 | 12/02 | 1/03 | 2/03 | 3/03 | 4/03 | 5/03 | 6/03 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 0.031 | 0.040 | 0.034 | 0.001 | 0.009 | 0.005 | 0.031 | 0.035 | 0.010 | 0.034 | 0.017 | 0.032 |
| 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 | 0.4 | 0.3 | 0 | 0.1 | 0.1 | 0.3 | 0.4 | 0.1 | 0.3 | 0.2 | 0.3 |

| Reactor Coolant System Leakage | 7/03 | 8/03 | 9/03 | 10/03 | 11/03 | 12/03 | 1/04 | 2/04 | 3/04 | 4/04 | 5/04 | 6/04 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 0.040 | 0.041 | 0.033 | 0.043 | 0.038 | 0.032 | 0.028 | 0.039 | 0.037 | 0.032 | 0.054 | 0.038 |
| 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 | 0.4 | 0.4 | 0.3 | 0.4 | 0.4 | 0.3 | 0.3 | 0.4 | 0.4 | 0.3 | 0.5 | 0.4 |

Licensee Comments: none

Drill/Exercise Performance



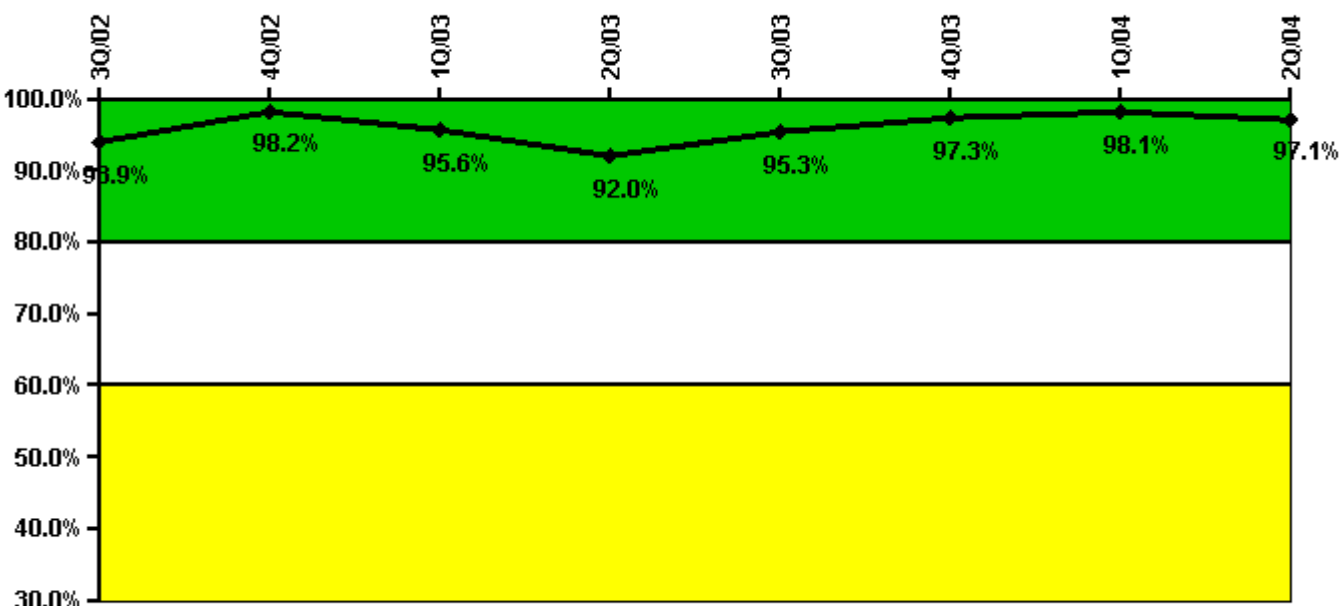
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 119.0 | 53.0 | 111.0 | 41.0 | 72.0 | 79.0 | 24.0 | 21.0 |
| Total opportunities | 125.0 | 54.0 | 114.0 | 42.0 | 74.0 | 81.0 | 24.0 | 22.0 |
| Indicator value | 96.7% | 96.7% | 96.6% | 97.0% | 97.1% | 97.3% | 97.2% | 97.0% |

Licensee Comments: none

ERO Drill Participation



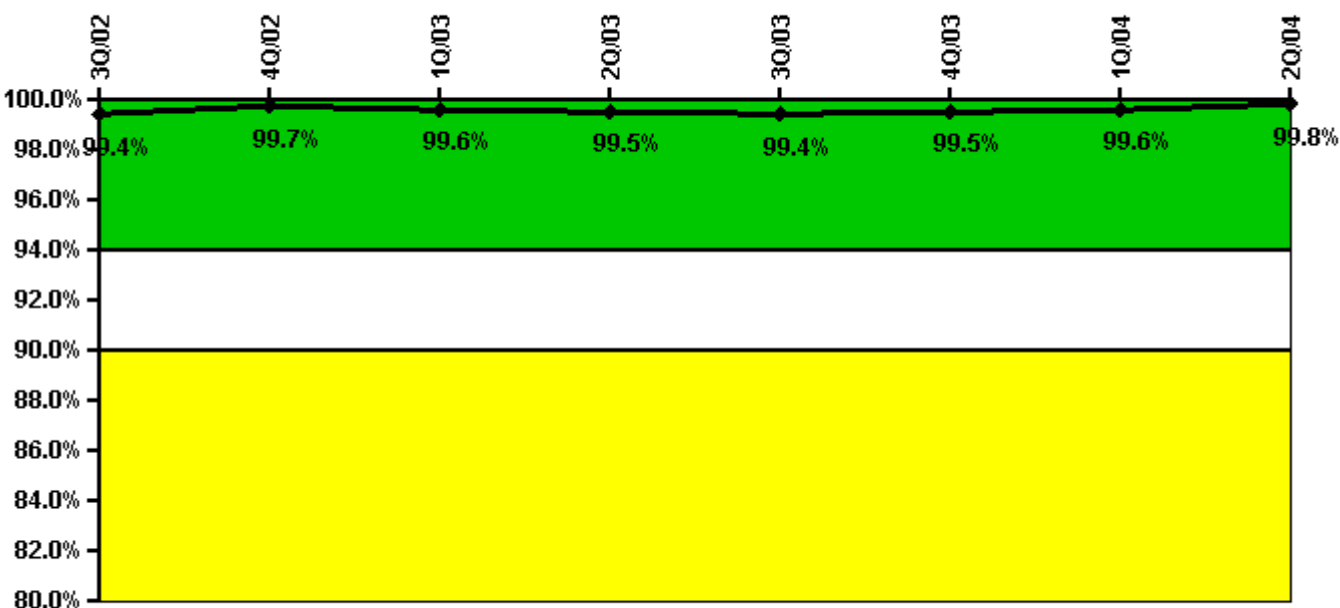
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Participating Key personnel | 108.0 | 109.0 | 109.0 | 104.0 | 101.0 | 108.0 | 105.0 | 99.0 |
| Total Key personnel | 115.0 | 111.0 | 114.0 | 113.0 | 106.0 | 111.0 | 107.0 | 102.0 |
| Indicator value | 93.9% | 98.2% | 95.6% | 92.0% | 95.3% | 97.3% | 98.1% | 97.1% |

Licensee Comments: none

Alert & Notification System



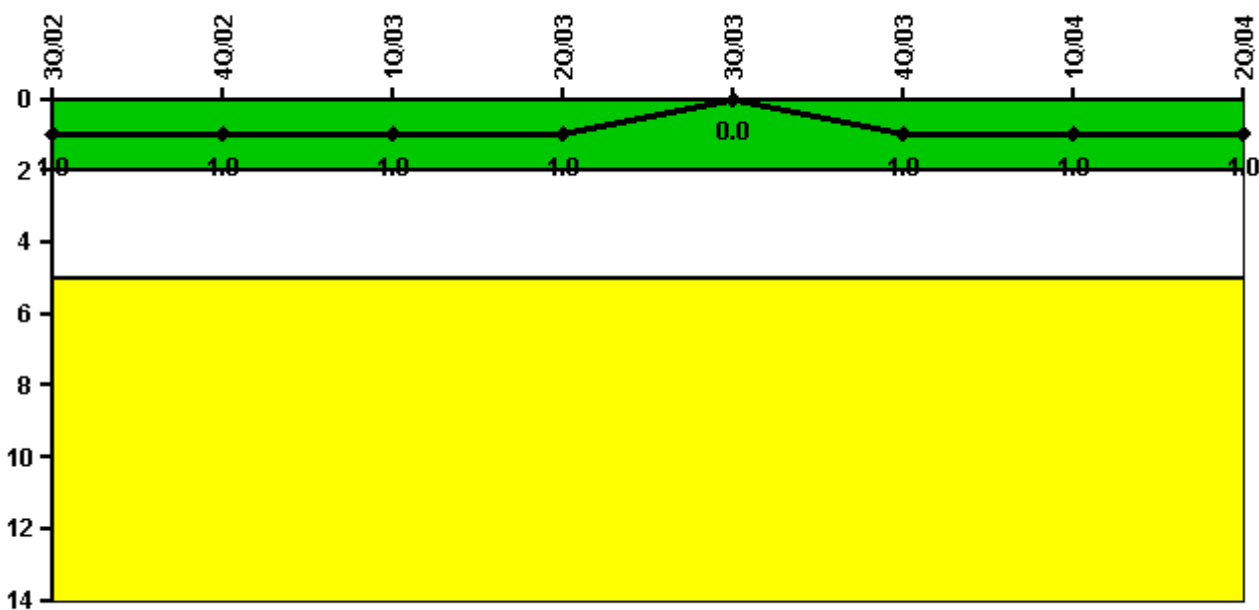
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 657 | 610 | 606 | 605 | 609 | 611 | 609 | 611 |
| Total sirens-tests | 658 | 611 | 611 | 611 | 611 | 611 | 611 | 611 |
| Indicator value | 99.4% | 99.7% | 99.6% | 99.5% | 99.4% | 99.5% | 99.6% | 99.8% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences | 1 | 0 | 0 | 0 | 0 | 1 | 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 | 1 | 0 | 1 | 1 | 1 |

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

| RETS/ODCM Radiological Effluent | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 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: September 8, 2004