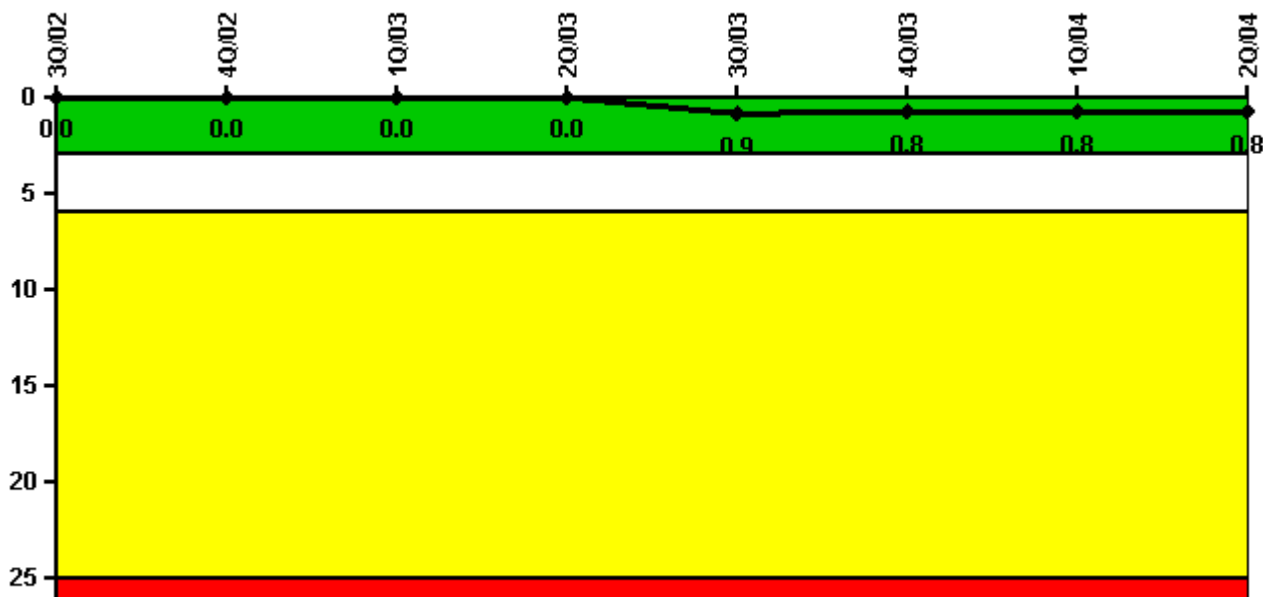


FitzPatrick

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 | 0 | 0 | 0 | 1.0 | 0 | 0 | 0 |
| Critical hours | 2208.0 | 1657.0 | 2046.0 | 2183.0 | 2135.9 | 2209.0 | 2184.0 | 2183.0 |
| Indicator value | 0 | 0 | 0 | 0 | 0.9 | 0.8 | 0.8 | 0.8 |

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



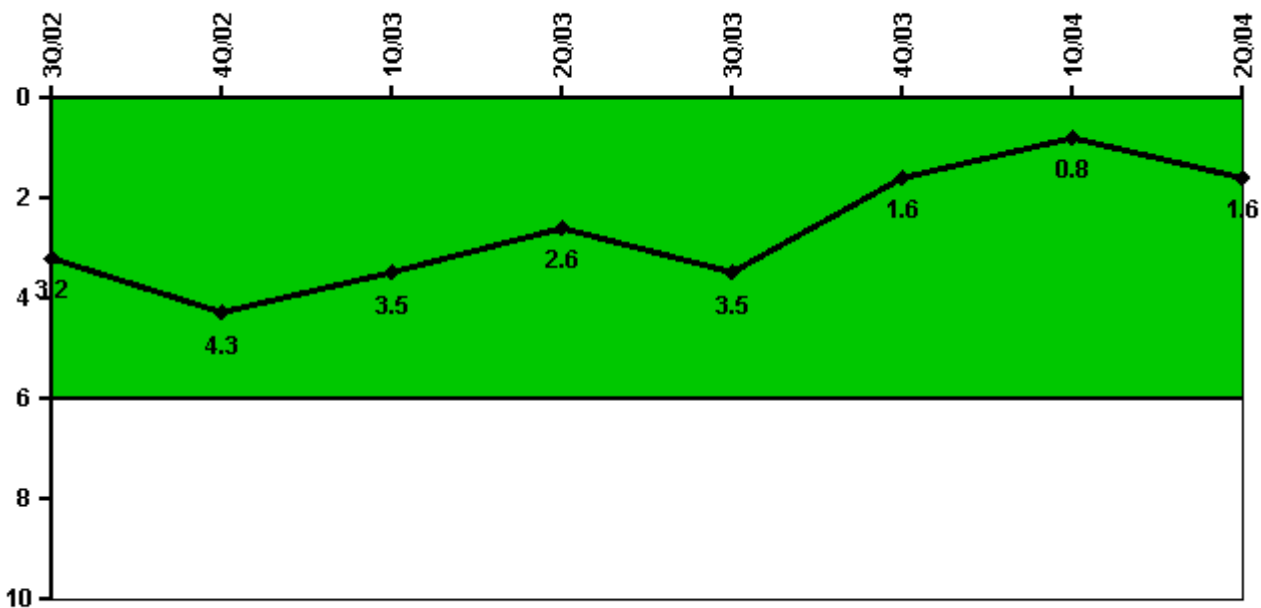
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

| Scrams with Loss of Normal Heat Removal | 3Q/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



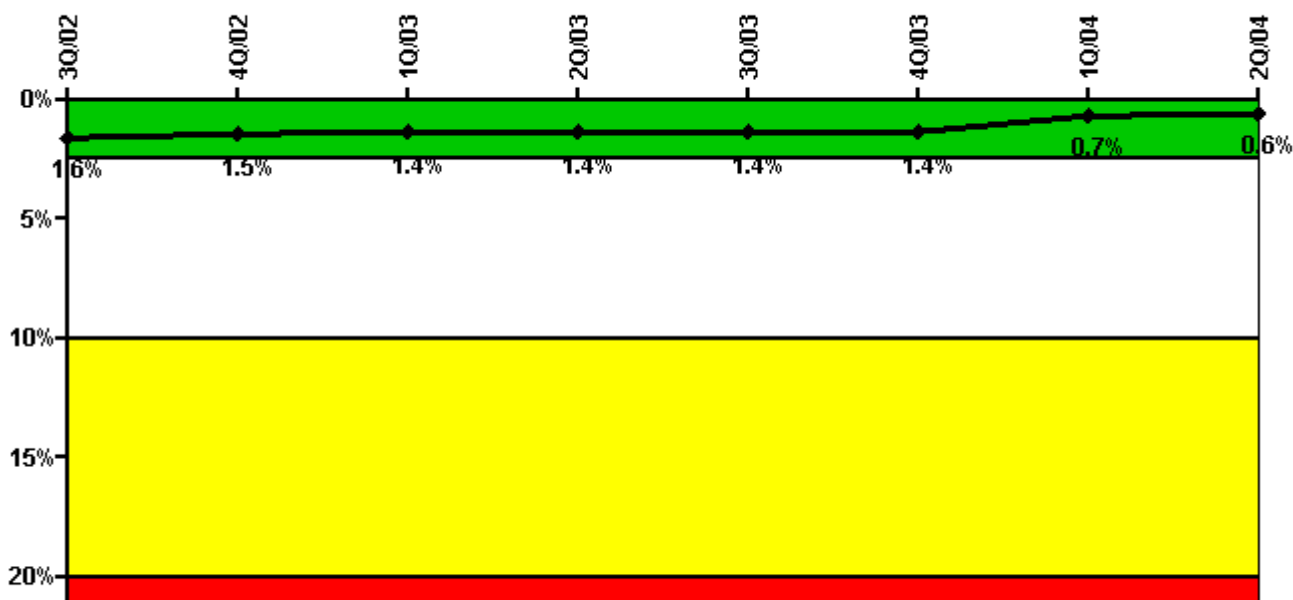
Thresholds: White > 6.0

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 | 2.0 | 1.0 | 0 | 1.0 | 0 | 0 | 1.0 |
| Critical hours | 2208.0 | 1657.0 | 2046.0 | 2183.0 | 2135.9 | 2209.0 | 2184.0 | 2183.0 |
| Indicator value | 3.2 | 4.3 | 3.5 | 2.6 | 3.5 | 1.6 | 0.8 | 1.6 |

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG

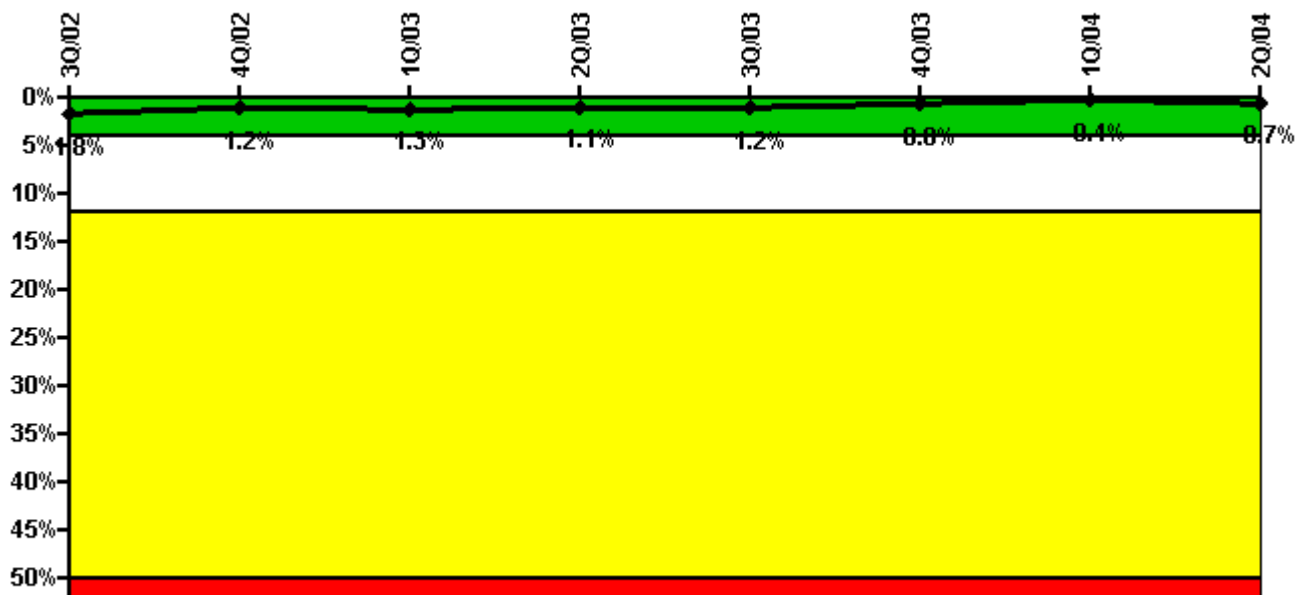


Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

| Safety System Unavailability, Emergency AC Power, >2EDG | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 7.87 | 3.22 | 4.66 | 21.06 | 5.66 | 6.52 | 5.03 | 59.24 |
| Unplanned unavailable hours | 0 | 0 | 0 | 15.03 | 0 | 0 | 0 | 9.08 |
| 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 | 23.73 | 17.18 | 8.28 | 4.77 | 4.82 | 16.76 | 5.01 | 4.93 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 1.65 | 10.20 | 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 3 | | | | | | | | |
| Planned unavailable hours | 7.60 | 3.22 | 4.66 | 4.89 | 5.69 | 6.27 | 4.75 | 14.90 |
| Unplanned unavailable hours | 0 | 0 | 0 | 15.03 | 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 4 | | | | | | | | |
| Planned unavailable hours | 19.21 | 8.10 | 8.28 | 4.77 | 4.82 | 6.56 | 5.01 | 4.93 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 1.65 | 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 |
| Indicator value | 1.6% | 1.5% | 1.4% | 1.4% | 1.4% | 1.4% | 0.7% | 0.6% |

Safety System Unavailability, High Pressure Injection System (HPCI)



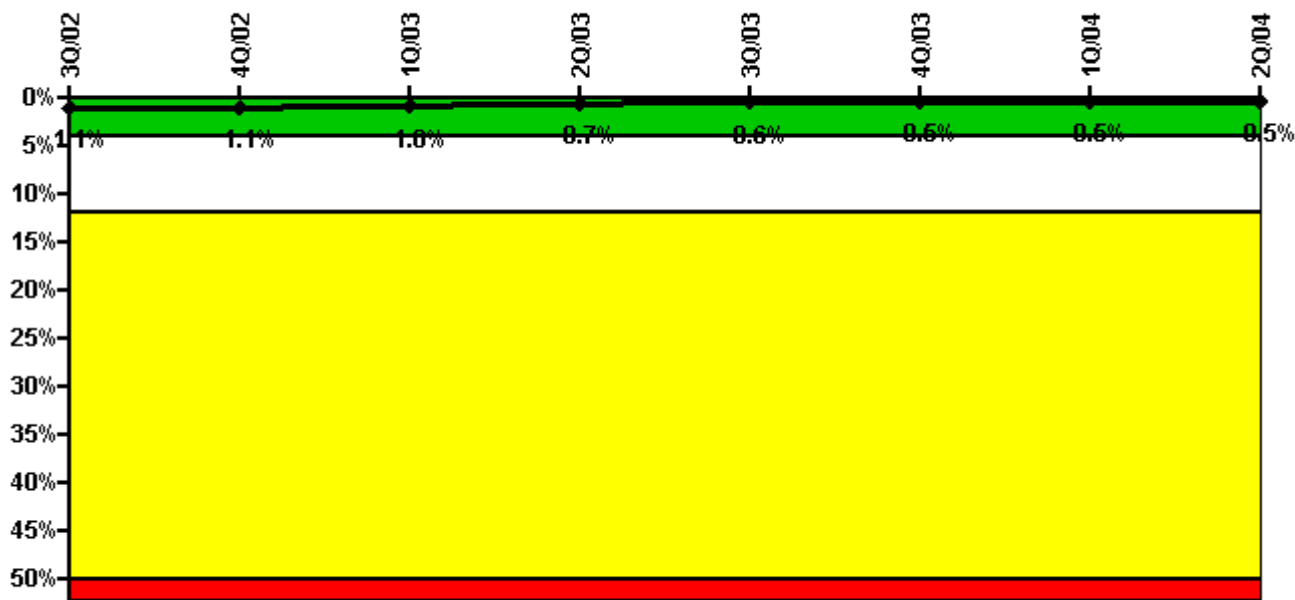
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, High Pressure Injection System (HPCI) | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 0.24 | 2.02 | 69.47 | 1.74 | 4.12 | 1.40 | 1.87 | 3.45 |
| Unplanned unavailable hours | 5.05 | 1.16 | 0 | 0 | 0 | 11.33 | 0 | 67.92 |
| 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 | 1628.00 | 2046.00 | 2183.00 | 2138.90 | 2209.00 | 2184.00 | 2183.00 |
| Indicator value | 1.8% | 1.2% | 1.3% | 1.1% | 1.2% | 0.8% | 0.4% | 0.7% |

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)



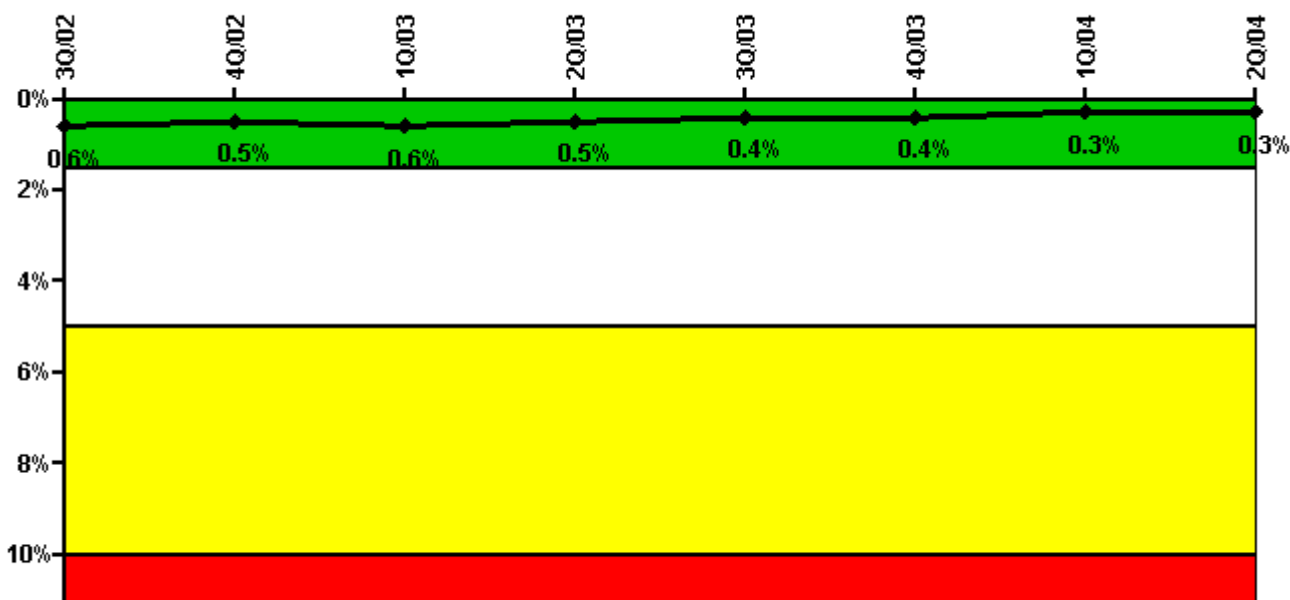
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 0 | 0.17 | 4.76 | 0.55 | 3.63 | 5.82 | 4.92 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 2.42 | 25.20 | 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 | 1628.00 | 2046.00 | 2183.00 | 2138.90 | 2209.00 | 2184.00 | 2183.00 |
| Indicator value | 1.1% | 1.1% | 1.0% | 0.7% | 0.6% | 0.5% | 0.5% | 0.5% |

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



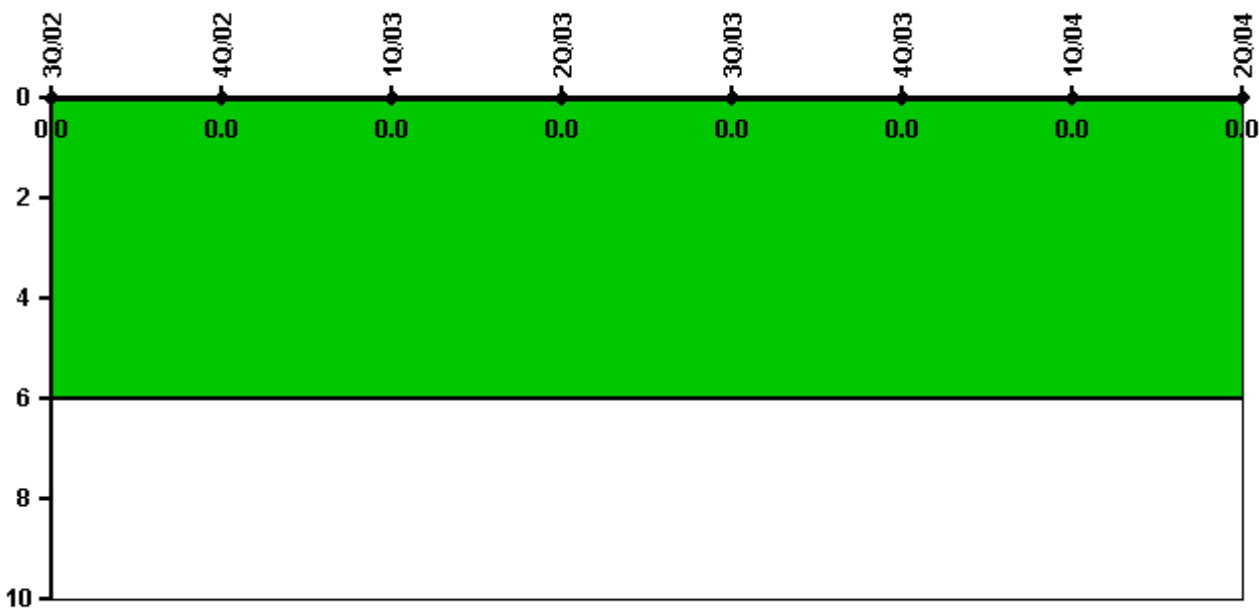
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

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 | 0.20 | 0 | 0 | 11.00 | 0 | 0 | 0 | 0 |
| Unplanned unavailable hours | 0 | 1.50 | 0 | 0 | 13.60 | 13.30 | 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 | 1946.00 | 2160.00 | 2183.00 | 2208.00 | 2209.00 | 2184.00 | 2183.00 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 1.00 | 0 | 18.20 | 0 | 0 | 0 | 9.60 | 9.90 |
| Unplanned unavailable hours | 0 | 1.50 | 15.70 | 0 | 13.80 | 5.60 | 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 | 1946.00 | 2160.00 | 2183.00 | 2208.00 | 2209.00 | 2184.00 | 2183.00 |
| Indicator value | 0.6% | 0.5% | 0.6% | 0.5% | 0.4% | 0.4% | 0.3% | 0.3% |

Licensee Comments: none

Safety System Functional Failures (BWR)



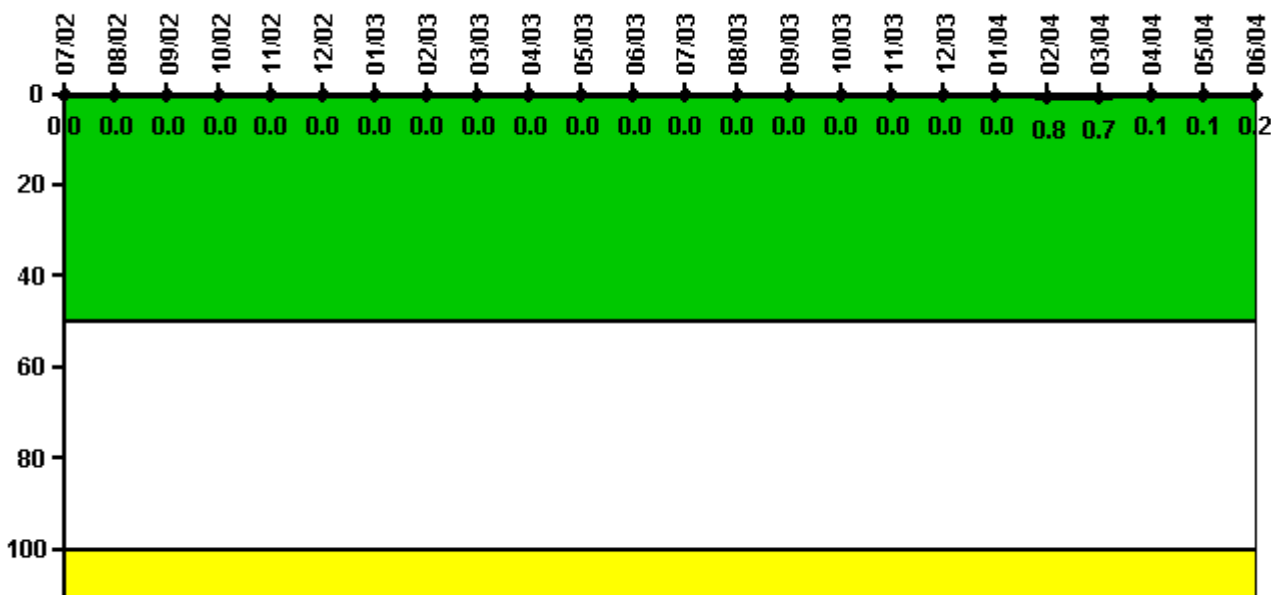
Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



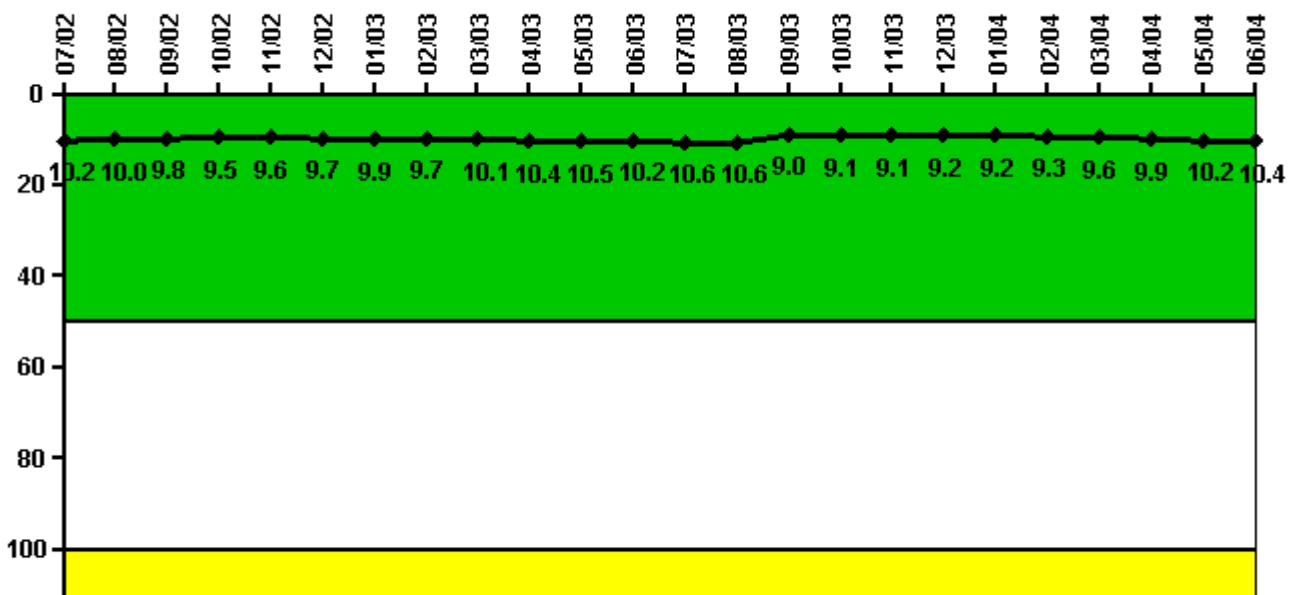
Thresholds: White > 50.0 Yellow > 100.0

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 | 0.000009 | 0.000016 | 0.000010 | 0.000014 | 0.000015 | 0.000006 | 0.000006 | 0.000008 | 0.000005 | 0.000006 | 0.000007 | 0.000005 |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | 0.000006 | 0.000005 | 0.000007 | 0.000007 | 0.000006 | 0.000006 | 0.000006 | 0.001580 | 0.001320 | 0.000138 | 0.000196 | 0.000494 |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0.8 | 0.7 | 0.1 | 0.1 | 0.2 |

Licensee Comments: none

Reactor Coolant System Leakage



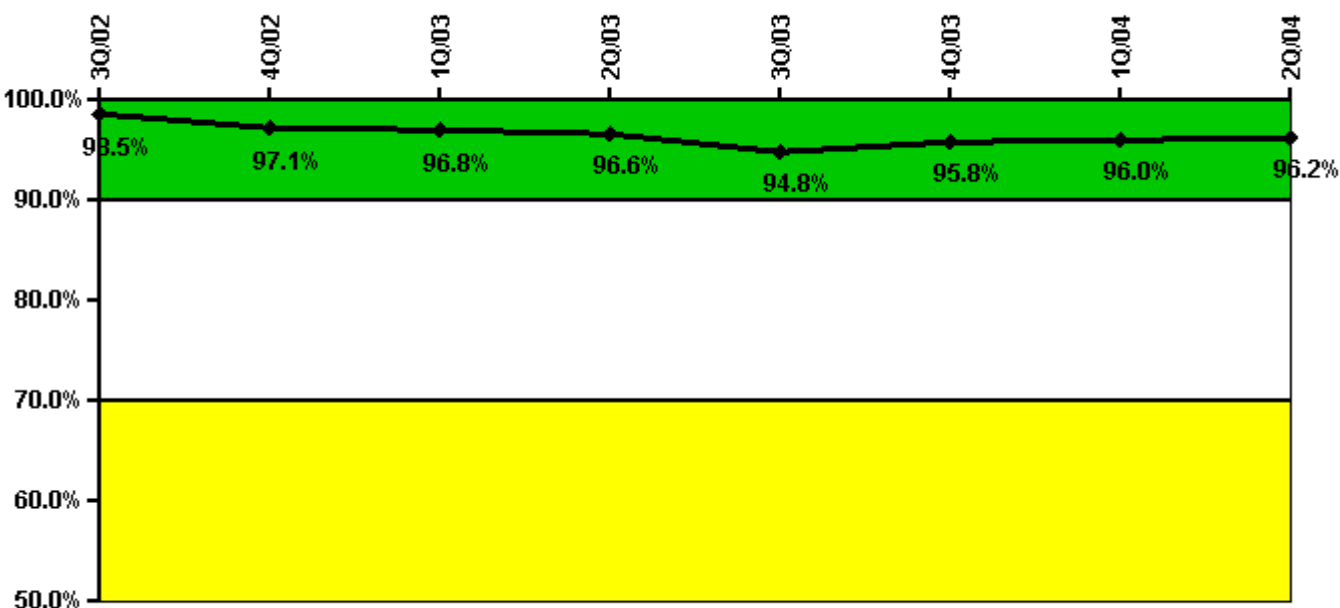
Thresholds: White > 50.0 Yellow > 100.0

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 | 2.550 | 2.510 | 2.460 | 2.380 | 2.390 | 2.430 | 2.470 | 2.420 | 2.530 | 2.590 | 2.630 | 2.550 |
| 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 | 10.2 | 10.0 | 9.8 | 9.5 | 9.6 | 9.7 | 9.9 | 9.7 | 10.1 | 10.4 | 10.5 | 10.2 |
| 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 | 2.650 | 2.660 | 2.260 | 2.270 | 2.280 | 2.310 | 2.300 | 2.320 | 2.400 | 2.480 | 2.550 | 2.610 |
| 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 | 10.6 | 10.6 | 9.0 | 9.1 | 9.1 | 9.2 | 9.2 | 9.3 | 9.6 | 9.9 | 10.2 | 10.4 |

Licensee Comments: none

Drill/Exercise Performance



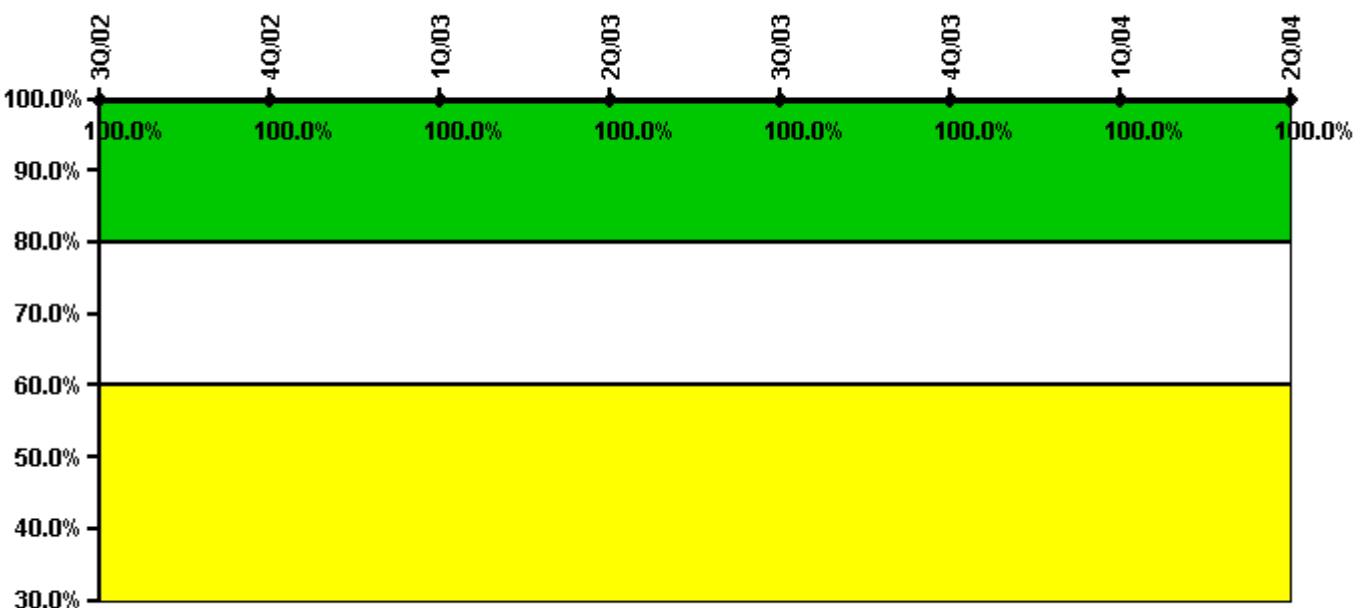
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 10.0 | 9.0 | 4.0 | 54.0 | 8.0 | 32.0 | 12.0 | 47.0 |
| Total opportunities | 10.0 | 10.0 | 4.0 | 56.0 | 10.0 | 32.0 | 12.0 | 49.0 |
| Indicator value | 98.5% | 97.1% | 96.8% | 96.6% | 94.8% | 95.8% | 96.0% | 96.2% |

Licensee Comments: none

ERO Drill Participation



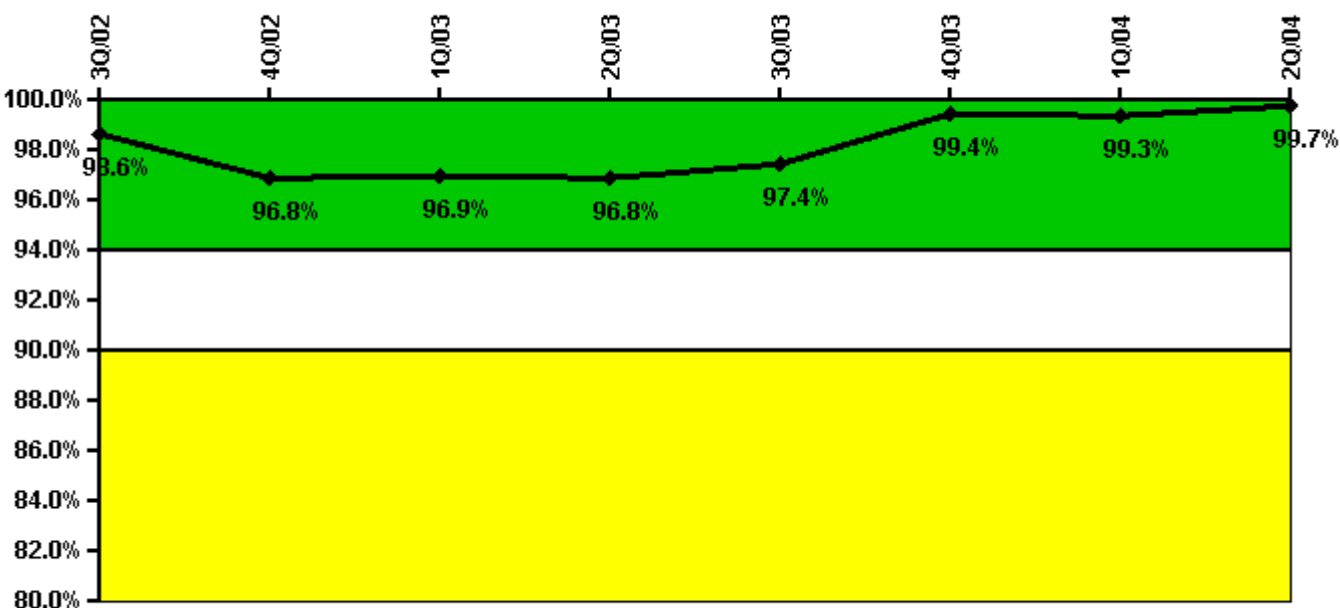
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| Participating Key personnel | 50.0 | 50.0 | 51.0 | 55.0 | 55.0 | 57.0 | 61.0 | 64.0 |
| Total Key personnel | 50.0 | 50.0 | 51.0 | 55.0 | 55.0 | 57.0 | 61.0 | 64.0 |
| Indicator value | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

Alert & Notification System



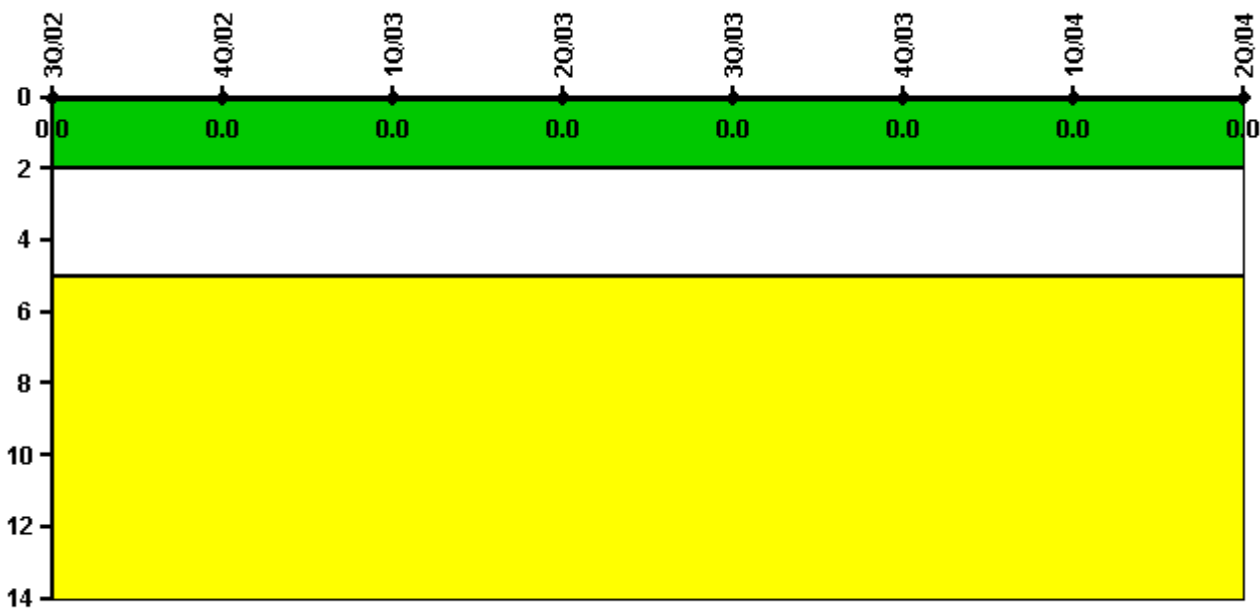
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 570 | 517 | 516 | 438 | 259 | 221 | 294 | 259 |
| Total sirens-tests | 592 | 555 | 518 | 444 | 259 | 222 | 296 | 259 |
| Indicator value | 98.6% | 96.8% | 96.9% | 96.8% | 97.4% | 99.4% | 99.3% | 99.7% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



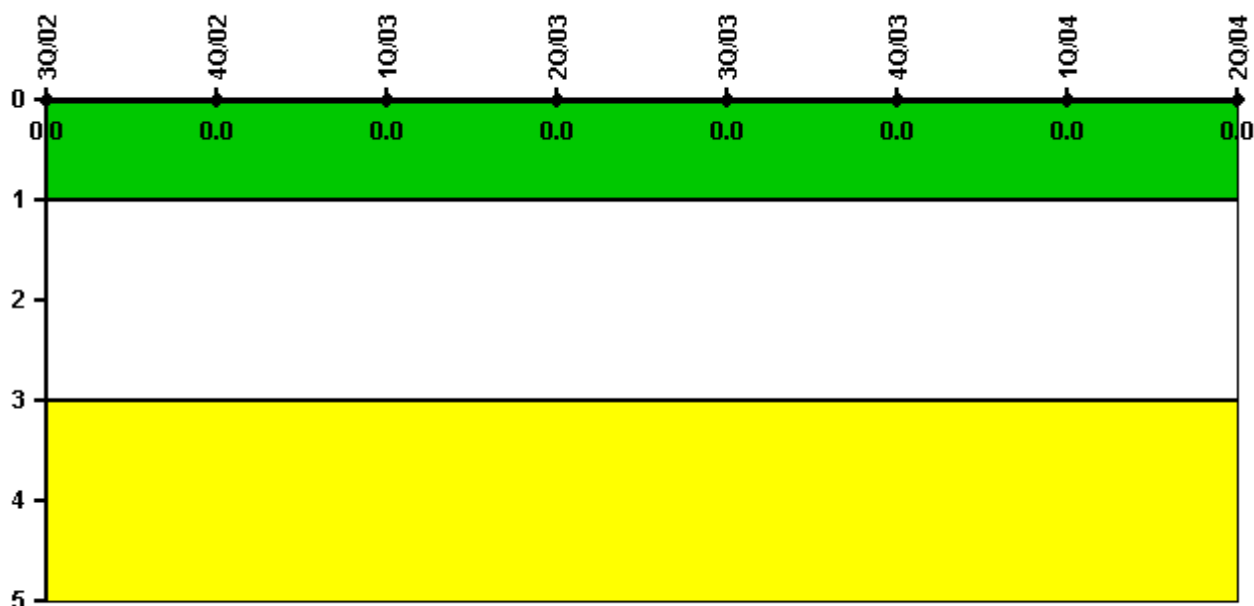
Thresholds: White > 2.0 Yellow > 5.0

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 | 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/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