

Hatch 1

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 | 1.0 | 0 |
| Critical hours | 2183.0 | 2208.0 | 2209.0 | 1962.2 | 2183.0 | 2208.0 | 1846.2 | 1104.1 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0.9 | 1.0 |

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



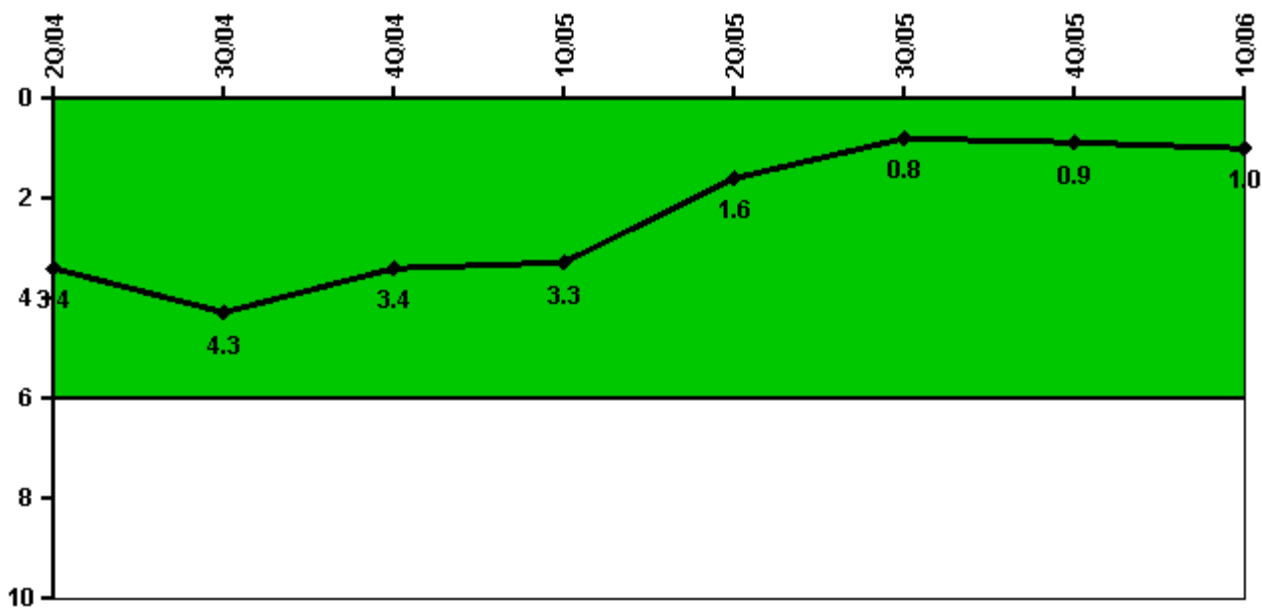
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



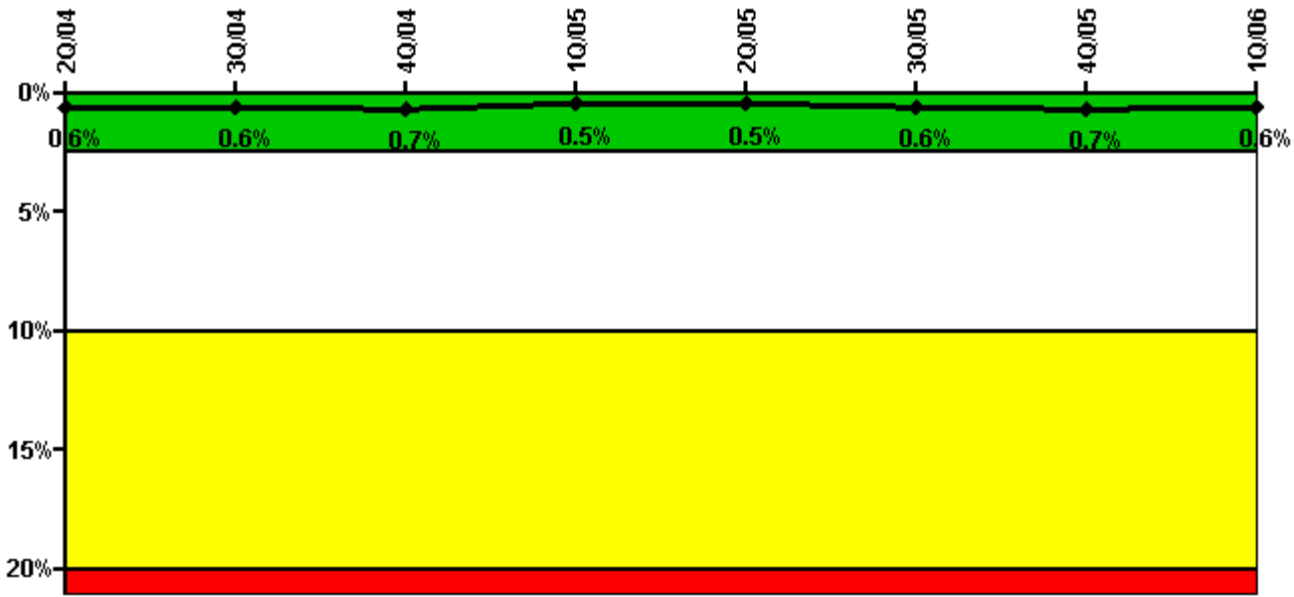
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes | 3.0 | 1.0 | 0 | 0 | 1.0 | 0 | 0 | 0 |
| Critical hours | 2183.0 | 2208.0 | 2209.0 | 1962.2 | 2183.0 | 2208.0 | 1846.2 | 1104.1 |
| Indicator value | 3.4 | 4.3 | 3.4 | 3.3 | 1.6 | 0.8 | 0.9 | 1.0 |

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



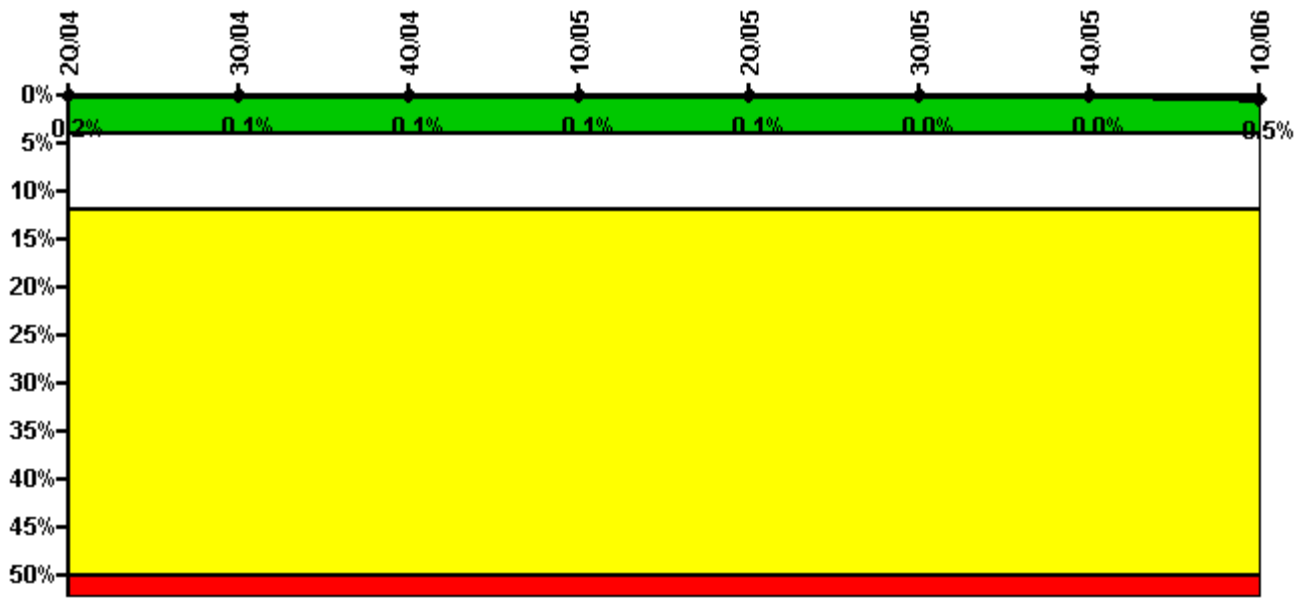
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

| Safety System Unavailability, Emergency AC Power, >2EDG | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 0.43 | 0 | 0 | 5.87 | 11.52 | 5.72 | 24.01 | 3.55 |
| 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 | 2160.00 | 2183.00 | 2208.00 | 2209.00 | 2160.00 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 0.15 | 32.75 | 30.48 | 32.43 | 0.17 | 5.72 | 7.64 | 4.13 |
| Unplanned unavailable hours | 0 | 0 | 119.30 | 0 | 9.02 | 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 |
| Train 3 | | | | | | | | |
| Planned unavailable hours | 2.06 | 1.55 | 33.08 | 7.10 | 1.80 | 5.48 | 54.08 | 3.95 |
| 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 | 2160.00 | 2183.00 | 2208.00 | 2209.00 | 2160.00 |
| Indicator value | 0.6% | 0.6% | 0.7% | 0.5% | 0.5% | 0.6% | 0.7% | 0.6% |

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)



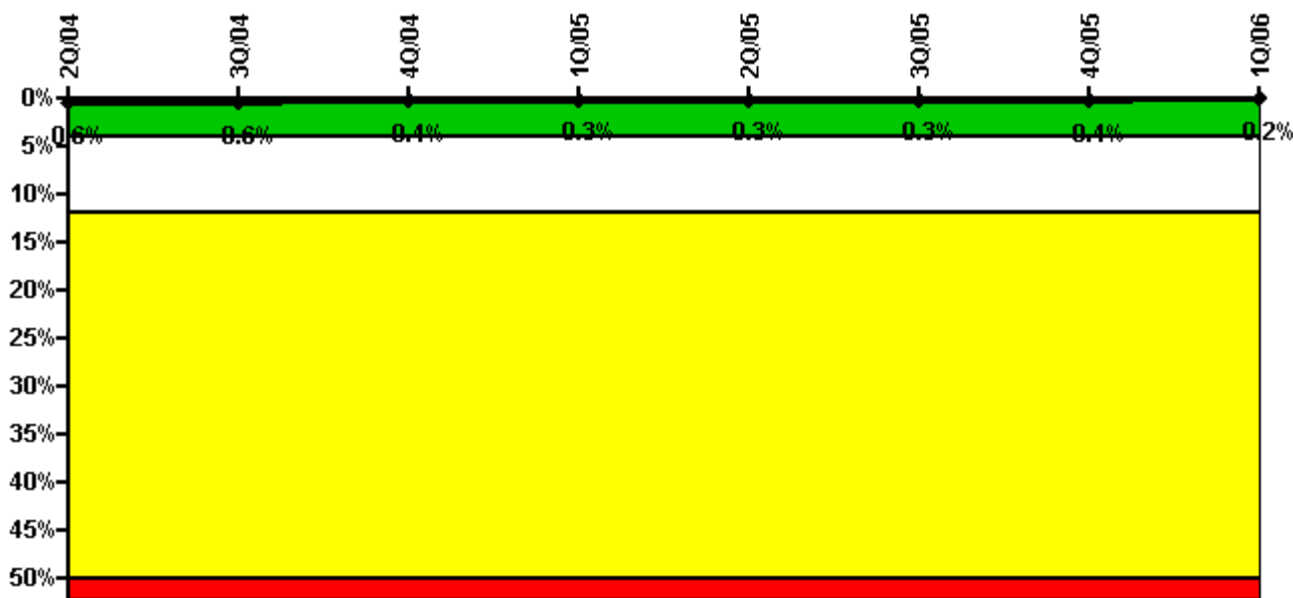
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, High Pressure Injection System (HPCI) | 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 | 122.30 |
| 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 | 1962.18 | 2183.00 | 2208.00 | 1846.15 | 1104.10 |
| Indicator value | 0.2% | 0.1% | 0.1% | 0.1% | 0.1% | 0% | 0% | 0.5% |

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)



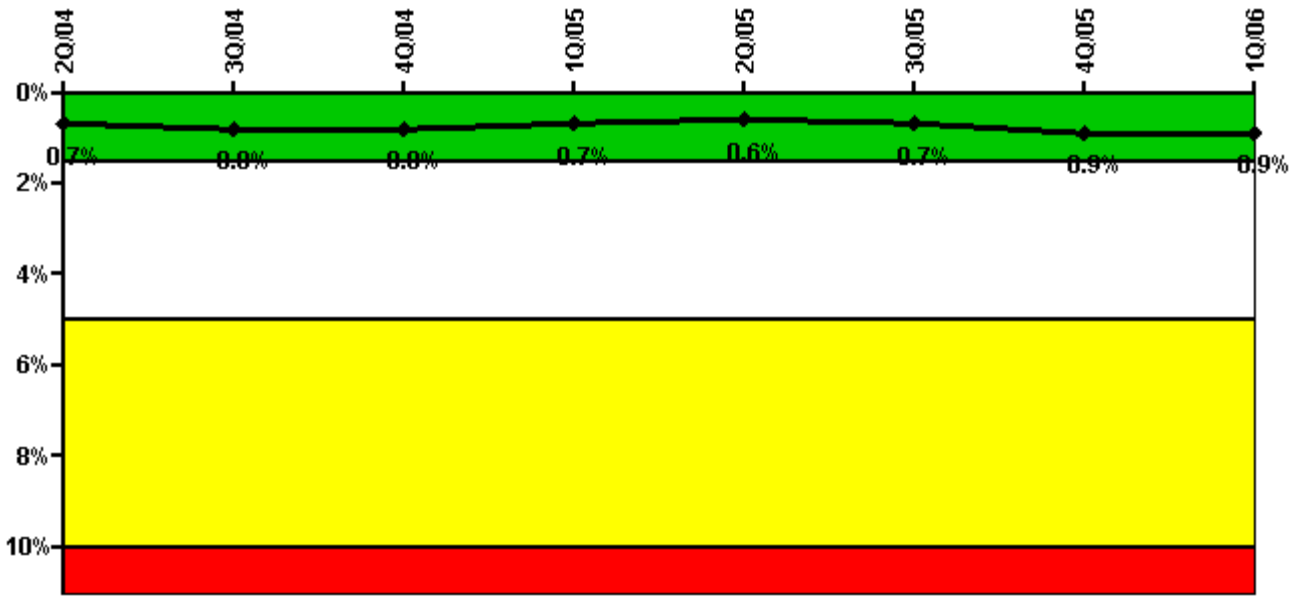
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 3.92 | 2.50 | 0.52 | 0.45 | 14.08 | 0.42 | 0.68 | 1.07 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25.33 |
| 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 | 1962.18 | 2183.00 | 2208.00 | 1846.15 | 1104.10 |
| Indicator value | 0.6% | 0.6% | 0.4% | 0.3% | 0.3% | 0.3% | 0.4% | 0.2% |

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



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

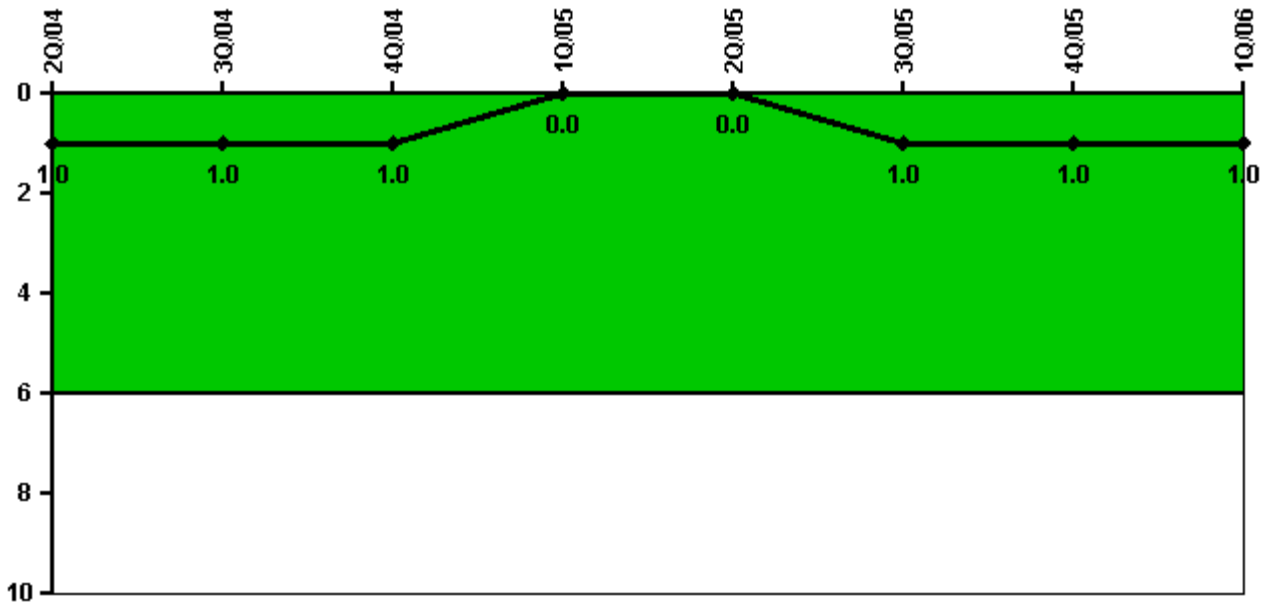
Notes

| 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 | 25.99 | 0 | 0 | 0 | 115.65 | 0 | 2.98 |
| 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 | 2160.00 | 2183.00 | 2208.00 | 2209.00 | 2160.00 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 0 | 20.37 | 0 | 0.24 | 0 | 1.33 | 71.86 | 21.41 |
| 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 | 2160.00 | 2183.00 | 2208.00 | 2209.00 | 2160.00 |
| Indicator value | 0.7% | 0.8% | 0.8% | 0.7% | 0.6% | 0.7% | 0.9% | 0.9% |

Licensee Comments:

1Q/06: Shut Down Cooling out of service hours excluded and credit taken for Decay Heat Removal (DHR). FAQ initiated for NRC approval of DHR and exception to FAQ 391. This applies to both trains for the months of Feb. and March.

Safety System Functional Failures (BWR)



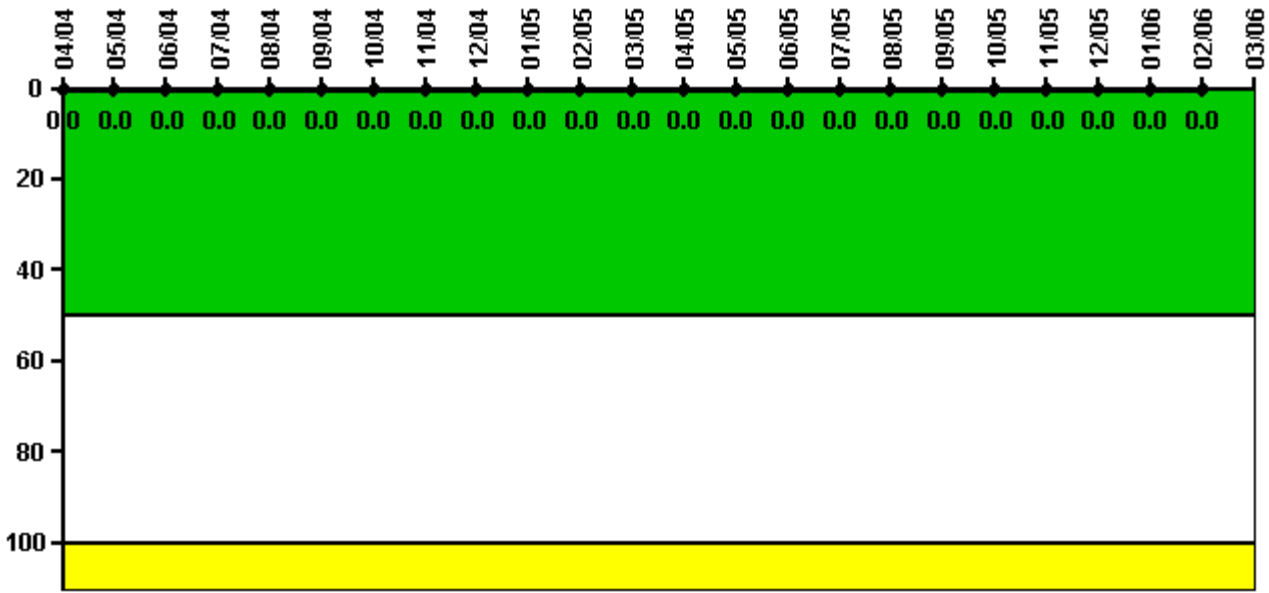
Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

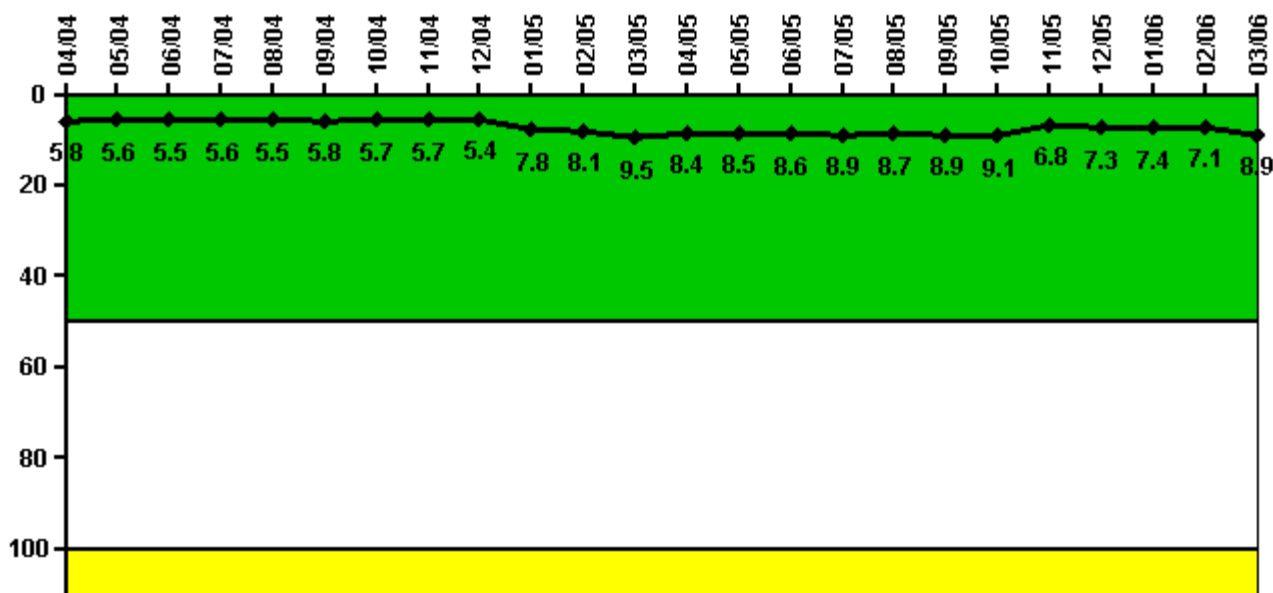
Notes

| 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 | 0.000005 | 0.000005 | 0.000006 | 0.000006 | 0.000008 | 0.000006 | 0.000008 | 0.000008 | 0.000007 | 0.000006 | 0.000006 | 0.000010 |
| 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 | 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 | 0.000008 | 0.000010 | 0.000009 | 0.000010 | 0.000010 | 0.000010 | 0.000009 | 0.000006 | 0.000005 | 0.000006 | 0.000009 | N/A |
| 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 | N/A |

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

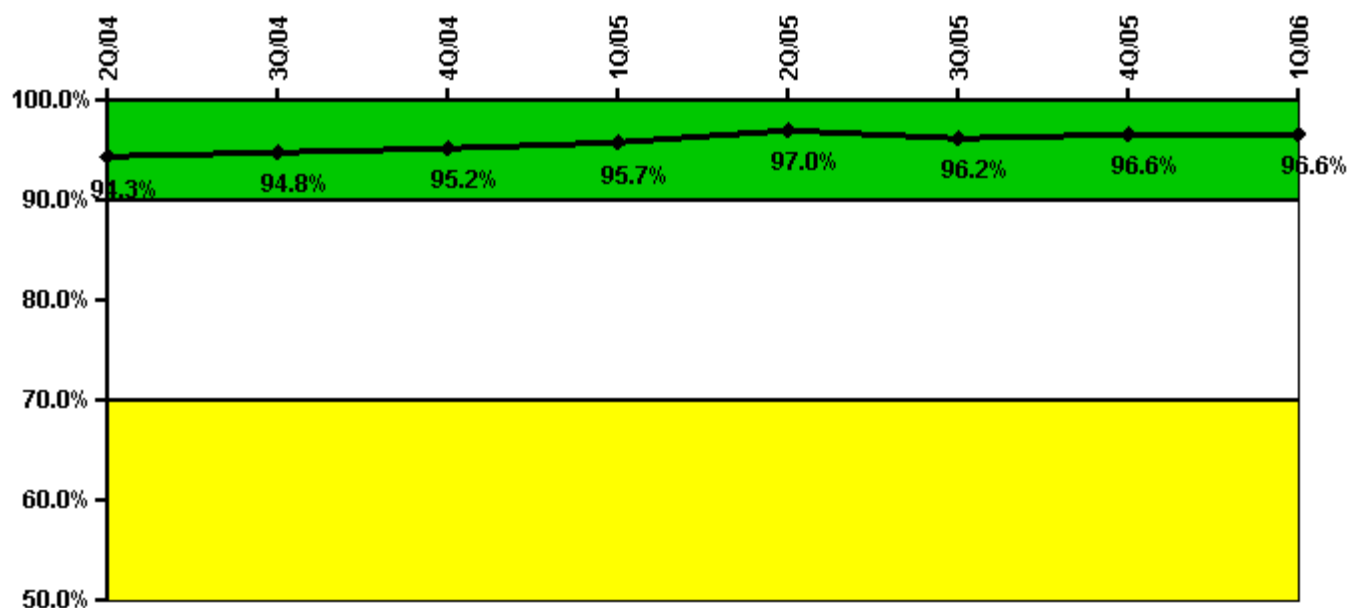
Notes

| 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 | 1.730 | 1.690 | 1.660 | 1.680 | 1.660 | 1.730 | 1.720 | 1.700 | 1.630 | 2.350 | 2.420 | 2.860 |
| Technical specification limit | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 |
| Indicator value | 5.8 | 5.6 | 5.5 | 5.6 | 5.5 | 5.8 | 5.7 | 5.7 | 5.4 | 7.8 | 8.1 | 9.5 |

| 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 | 2.530 | 2.560 | 2.580 | 2.670 | 2.600 | 2.670 | 2.730 | 2.050 | 2.190 | 2.210 | 2.140 | 2.680 |
| Technical specification limit | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 |
| Indicator value | 8.4 | 8.5 | 8.6 | 8.9 | 8.7 | 8.9 | 9.1 | 6.8 | 7.3 | 7.4 | 7.1 | 8.9 |

Licensee Comments: none

Drill/Exercise Performance



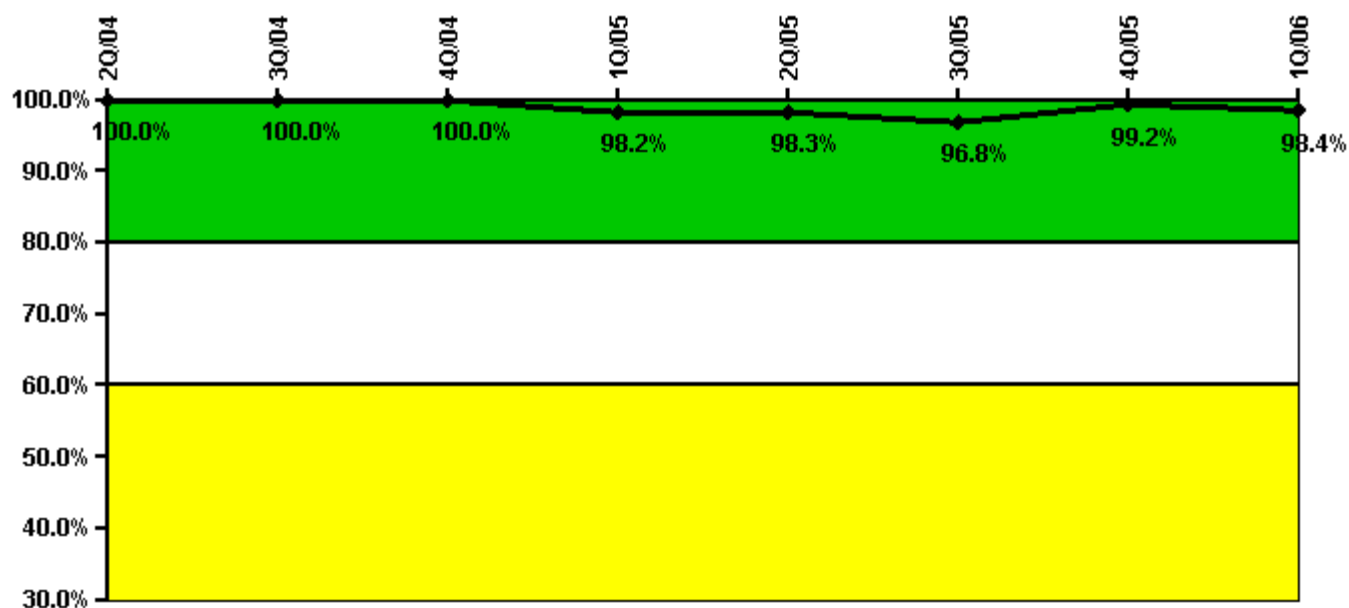
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 17.0 | 34.0 | 18.0 | 1.0 | 14.0 | 37.0 | 19.0 | 4.0 |
| Total opportunities | 18.0 | 34.0 | 19.0 | 2.0 | 14.0 | 38.0 | 20.0 | 4.0 |
| Indicator value | 94.3% | 94.8% | 95.2% | 95.7% | 97.0% | 96.2% | 96.6% | 96.6% |

Licensee Comments: none

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 | 116.0 | 111.0 | 114.0 | 109.0 | 119.0 | 120.0 | 128.0 | 124.0 |
| Total Key personnel | 116.0 | 111.0 | 114.0 | 111.0 | 121.0 | 124.0 | 129.0 | 126.0 |
| Indicator value | 100.0% | 100.0% | 100.0% | 98.2% | 98.3% | 96.8% | 99.2% | 98.4% |

Licensee Comments: none

Alert & Notification System

**Not applicable due to
unique design
characteristics.
Performance in this area
will be assessed through
focused NRC inspection
efforts.**

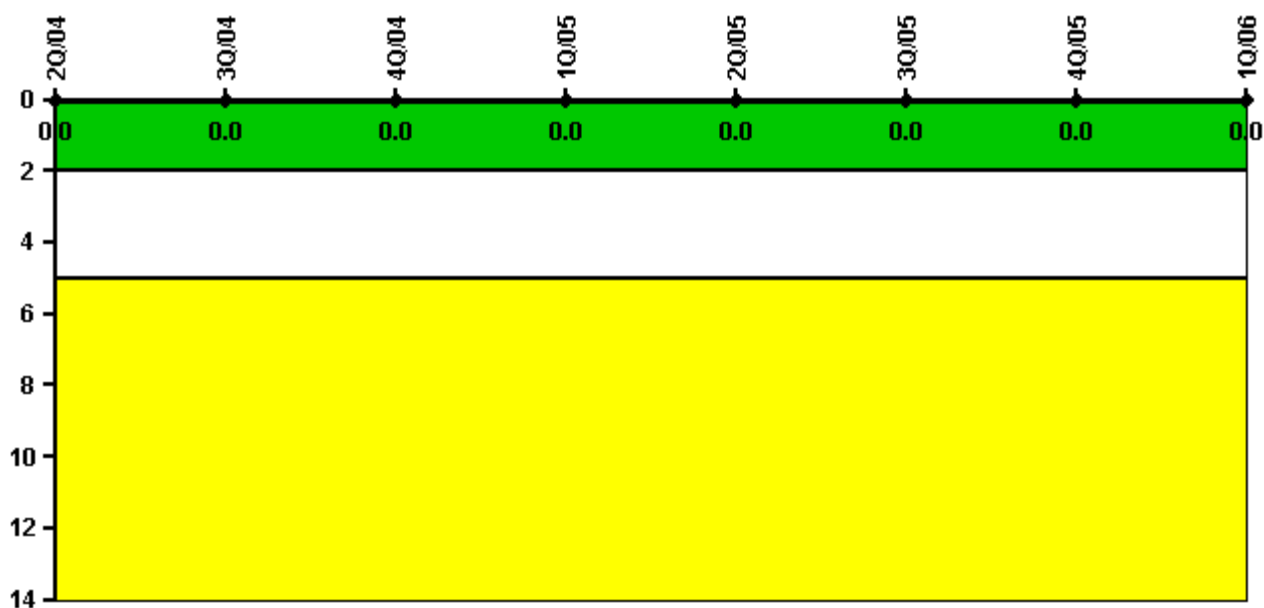
Notes

| Alert & Notification System | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | | | | | | | | |
| Total sirens-tests | | | | | | | | |
| | | | | | | | | |
| Indicator value | | | | | | | | |

Licensee Comments:

1Q/06: Plant Hatch does not use sirens as an emergency notification system.

Occupational Exposure Control Effectiveness



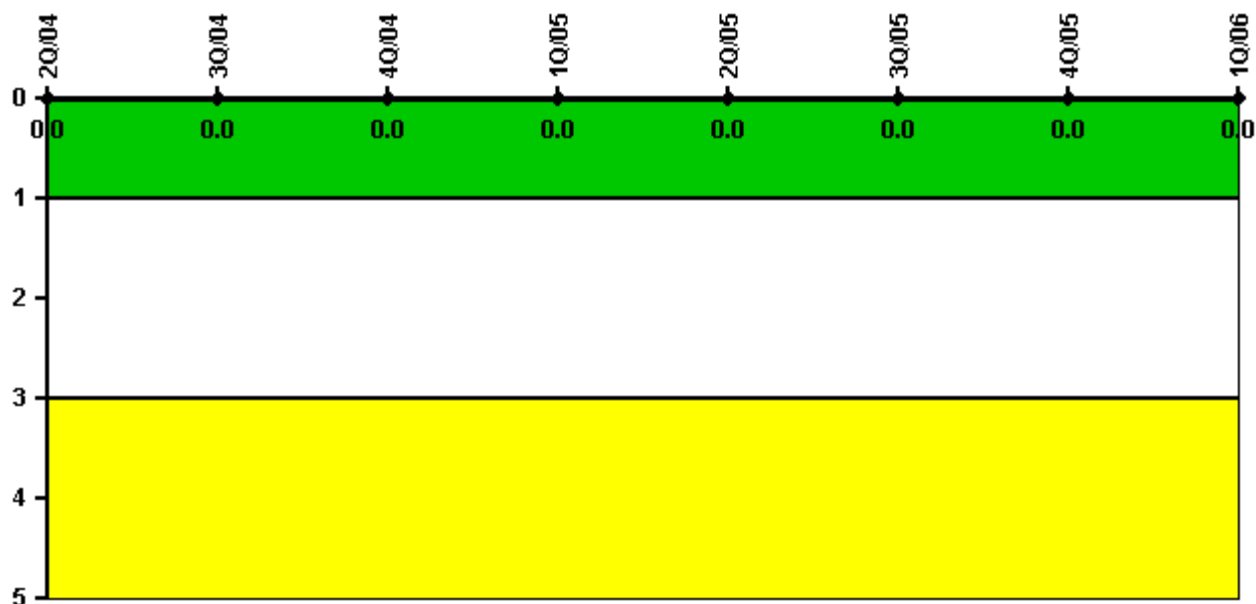
Thresholds: White > 2.0 Yellow > 5.0

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 | 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 | 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