

Hatch 2

2Q/2005 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/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.0 |
| Critical hours | 2208.0 | 2209.0 | 2184.0 | 2183.0 | 2065.1 | 2185.8 | 1302.6 | 2072.2 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.9 |

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



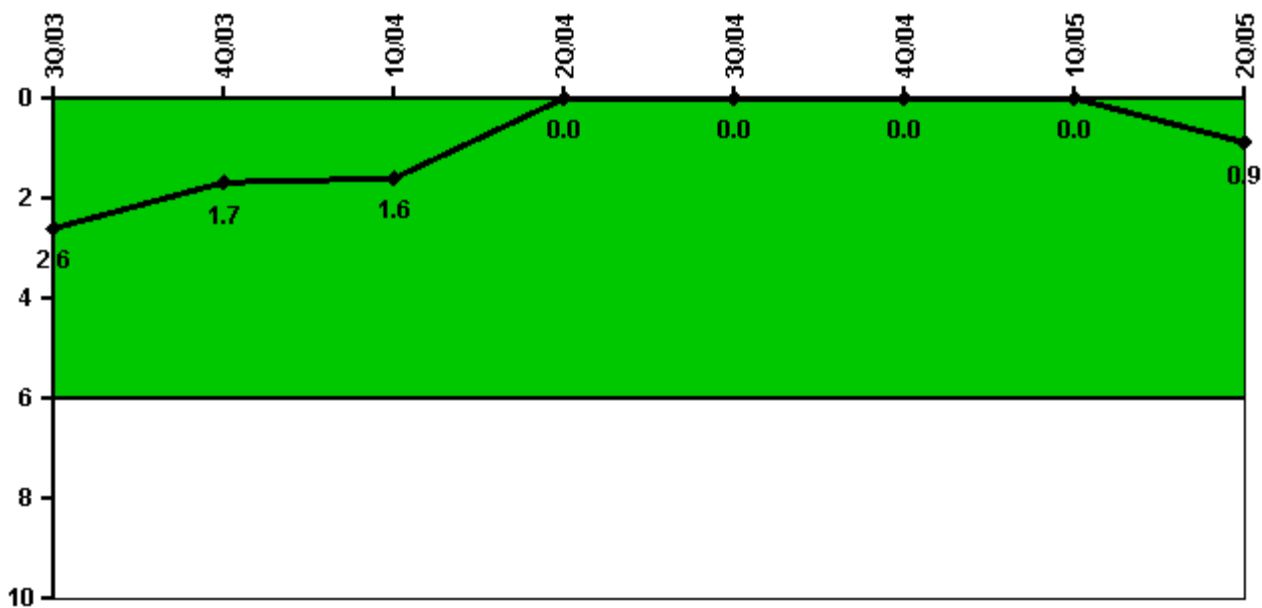
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

| Scrams with Loss of Normal Heat Removal | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| 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



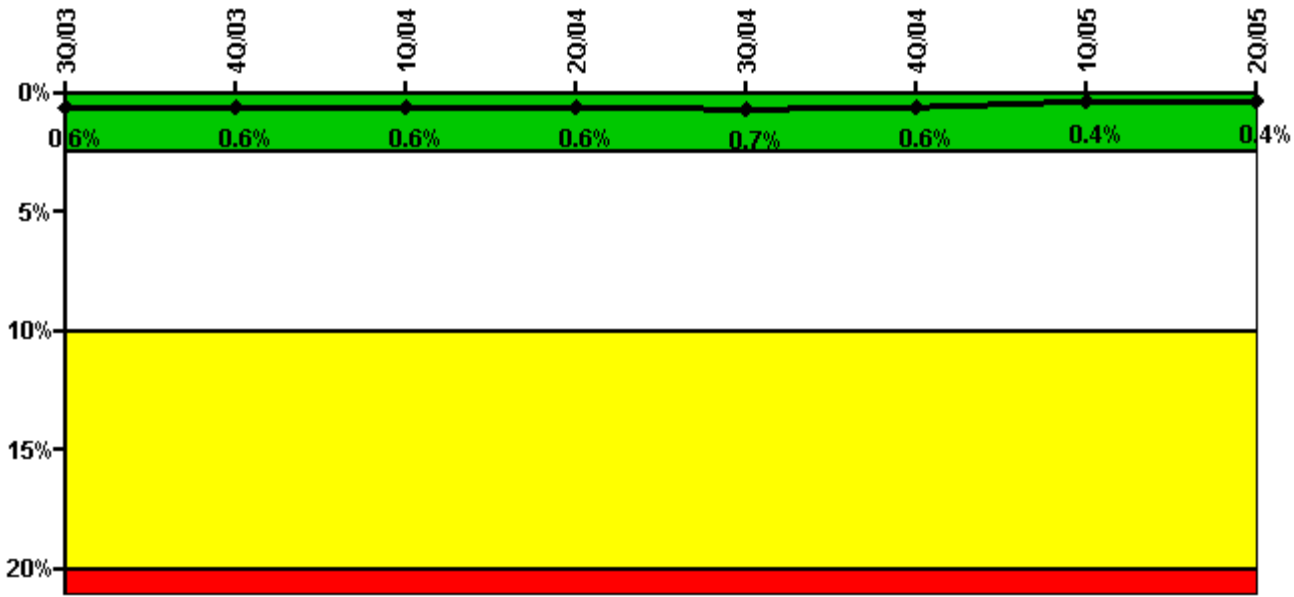
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 |
|---|------------|------------|------------|----------|----------|----------|----------|------------|
| Unplanned power changes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.0 |
| Critical hours | 2208.0 | 2209.0 | 2184.0 | 2183.0 | 2065.1 | 2185.8 | 1302.6 | 2072.2 |
| Indicator value | 2.6 | 1.7 | 1.6 | 0 | 0 | 0 | 0 | 0.9 |

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



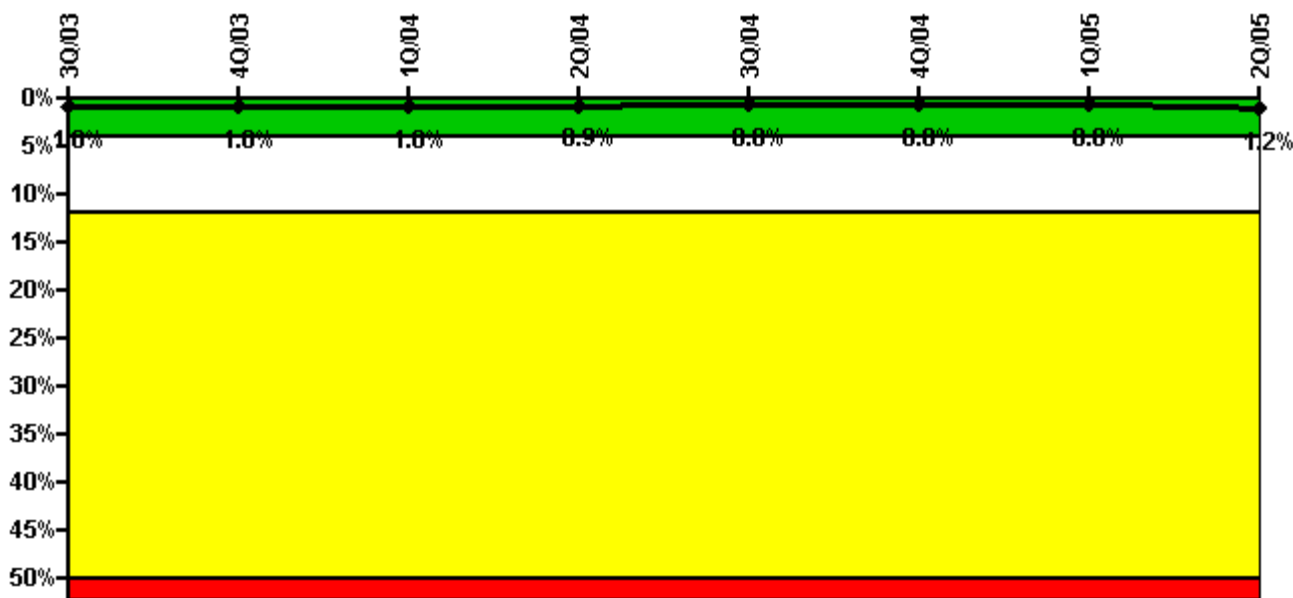
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

| Safety System Unavailability, Emergency AC Power, >2EDG | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 0 | 0 | 3.80 | 1.84 | 0 | 0 | 0 | 0.22 |
| Unplanned unavailable hours | 0 | 0 | 3.05 | 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 | 2184.00 | 2183.00 | 2208.00 | 2209.00 | 2160.00 | 2183.00 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 1.28 | 0 | 0 | 0.10 | 1.42 | 25.38 | 0 | 0 |
| Unplanned unavailable hours | 0 | 0 | 33.83 | 0 | 33.25 | 3.75 | 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 | 2184.00 | 2183.00 | 2208.00 | 2209.00 | 2160.00 | 2183.00 |
| Train 3 | | | | | | | | |
| Planned unavailable hours | 0 | 0 | 19.00 | 2.06 | 1.55 | 33.08 | 1.48 | 1.80 |
| Unplanned unavailable hours | 0 | 0 | 2.03 | 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 | 2208.00 | 2209.00 | 2184.00 | 2183.00 | 2208.00 | 2209.00 | 2160.00 | 2183.00 |
| Indicator value | 0.6% | 0.6% | 0.6% | 0.6% | 0.7% | 0.6% | 0.4% | 0.4% |

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)



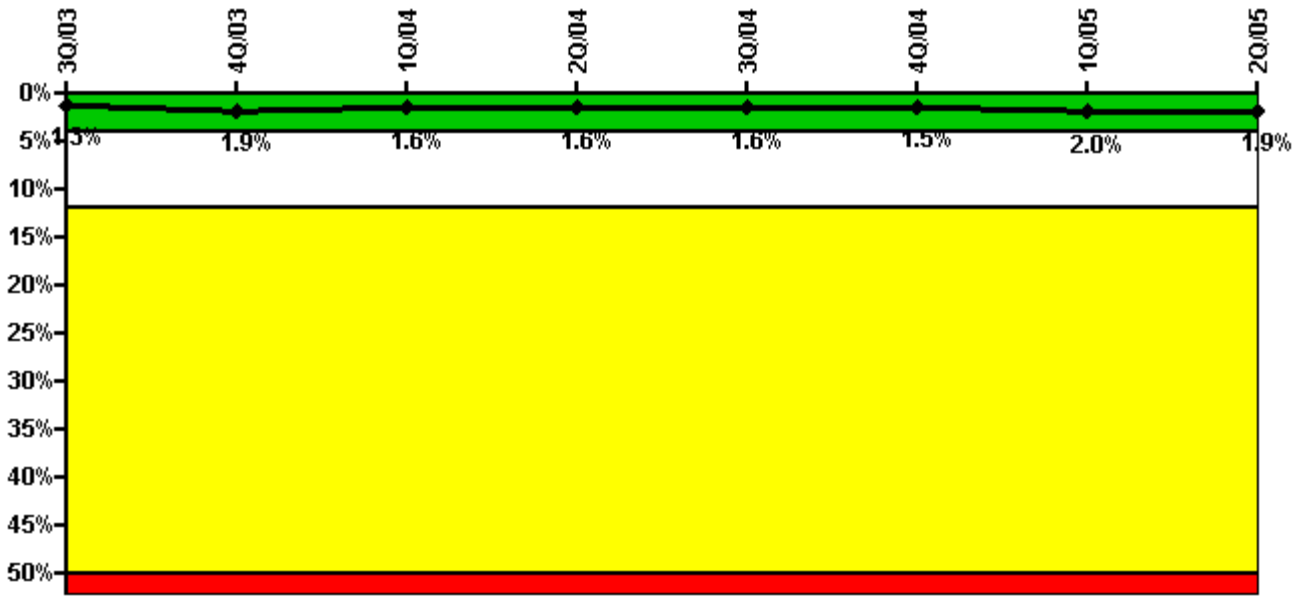
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, High Pressure Injection System (HPCI) | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 93.48 |
| 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 | 2184.00 | 2183.00 | 2065.10 | 2185.75 | 1302.62 | 2072.18 |
| Indicator value | 1.0% | 1.0% | 1.0% | 0.9% | 0.8% | 0.8% | 0.8% | 1.2% |

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)



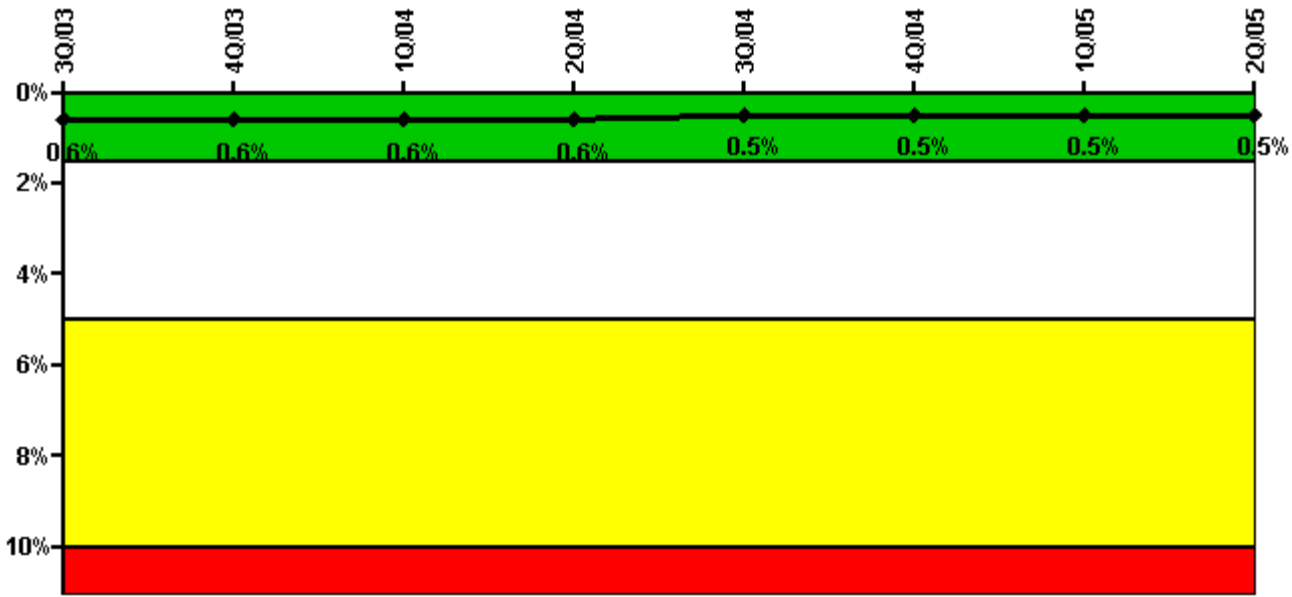
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 1.50 | 0.42 | 0.77 | 0.42 | 0.42 | 0.42 | 102.20 | 0.58 |
| Unplanned unavailable hours | 138.40 | 147.83 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 13.42 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2208.00 | 2209.00 | 2184.00 | 2183.00 | 2065.10 | 2185.75 | 1302.62 | 2072.18 |
| Indicator value | 1.3% | 1.9% | 1.6% | 1.6% | 1.6% | 1.5% | 2.0% | 1.9% |

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



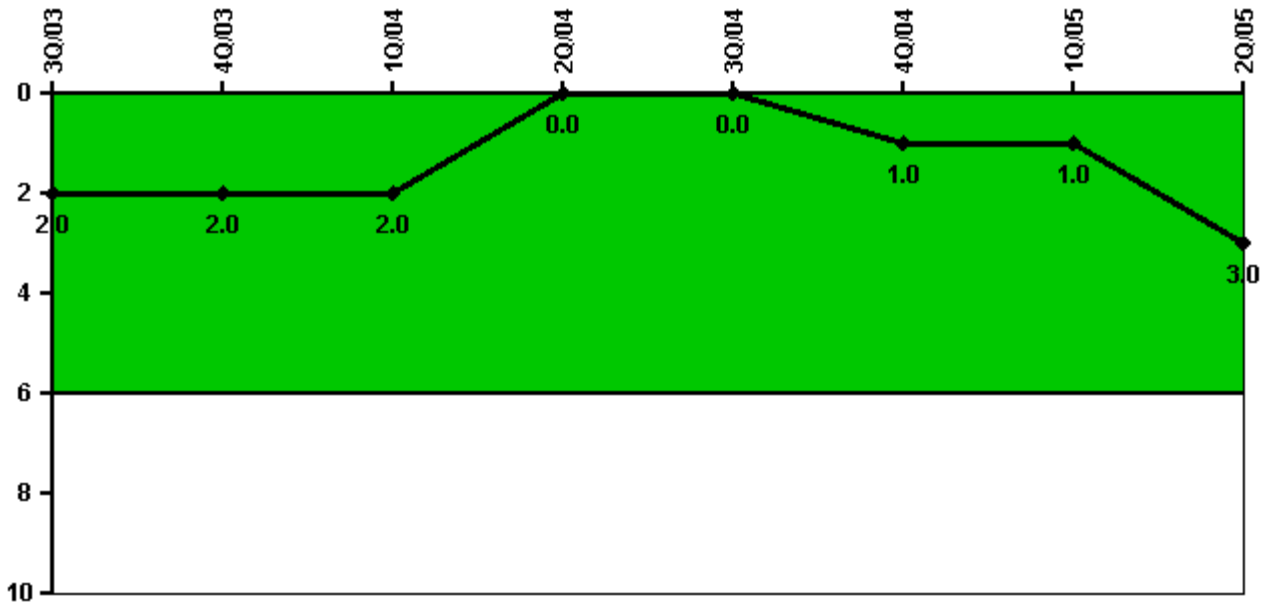
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

| Safety System Unavailability, Residual Heat Removal System | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 0 | 0 | 0 | 0 | 0 | 38.07 | 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 | 2208.00 | 2209.00 | 2184.00 | 2183.00 | 2208.00 | 2209.00 | 2160.00 | 2183.00 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 3.83 | 0 | 0 | 19.53 | 4.45 | 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 | 2208.00 | 2209.00 | 2184.00 | 2183.00 | 2208.00 | 2209.00 | 2160.00 | 2183.00 |
| Indicator value | 0.6% | 0.6% | 0.6% | 0.6% | 0.5% | 0.5% | 0.5% | 0.5% |

Licensee Comments: none

Safety System Functional Failures (BWR)



Thresholds: White > 6.0

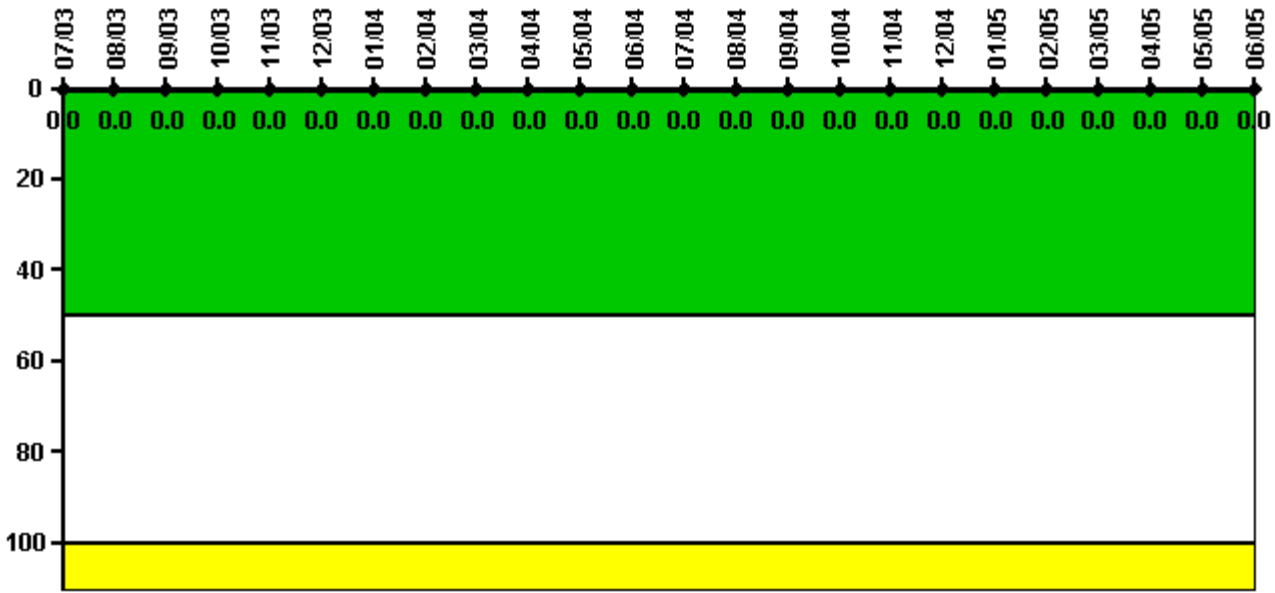
Notes

| Safety System Functional Failures (BWR) | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 |
| Indicator value | 2 | 2 | 2 | 0 | 0 | 1 | 1 | 3 |

Licensee Comments:

2Q/05: LERs 2005-001 and 2005-002

Reactor Coolant System Activity



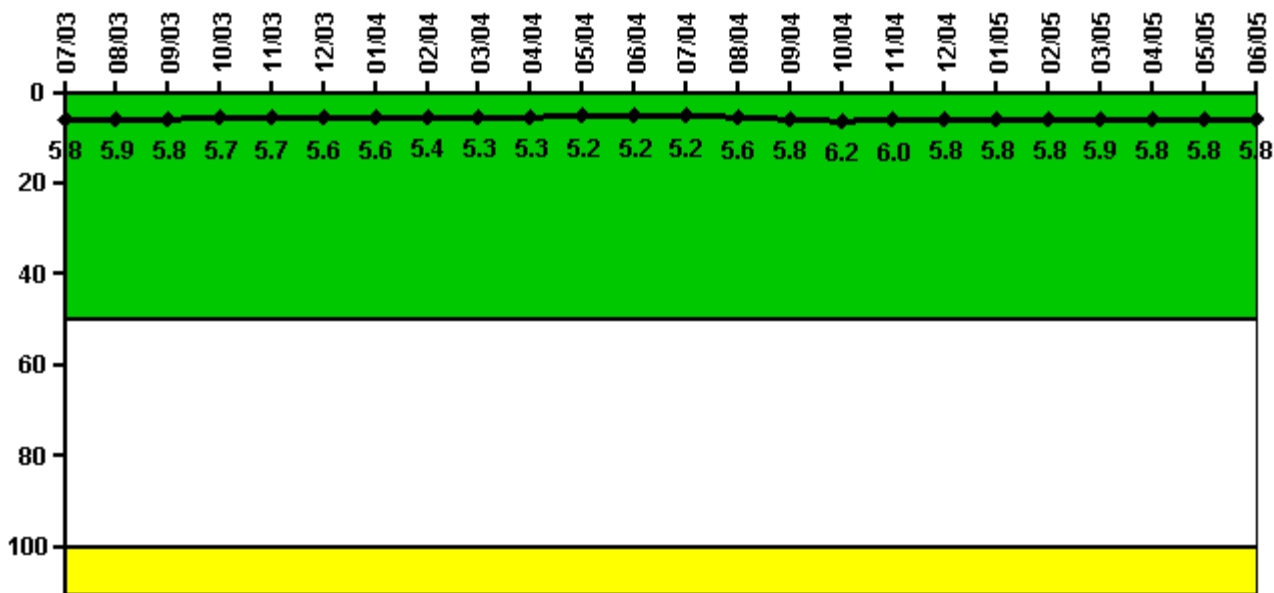
Thresholds: White > 50.0 Yellow > 100.0

Notes

| 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 | 0.000005 | 0.000010 | 0.000006 | 0.000009 | 0.000007 | 0.000006 | 0.000008 | 0.000009 | 0.000008 | 0.000006 | 0.000009 | 0.000006 |
| 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 | 7/04 | 8/04 | 9/04 | 10/04 | 11/04 | 12/04 | 1/05 | 2/05 | 3/05 | 4/05 | 5/05 | 6/05 |
| Maximum activity | 0.000009 | 0.000009 | 0.000006 | 0.000007 | 0.000007 | 0.000007 | 0.000008 | 0.000007 | 0.000012 | 0.000009 | 0.000008 | 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 |

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

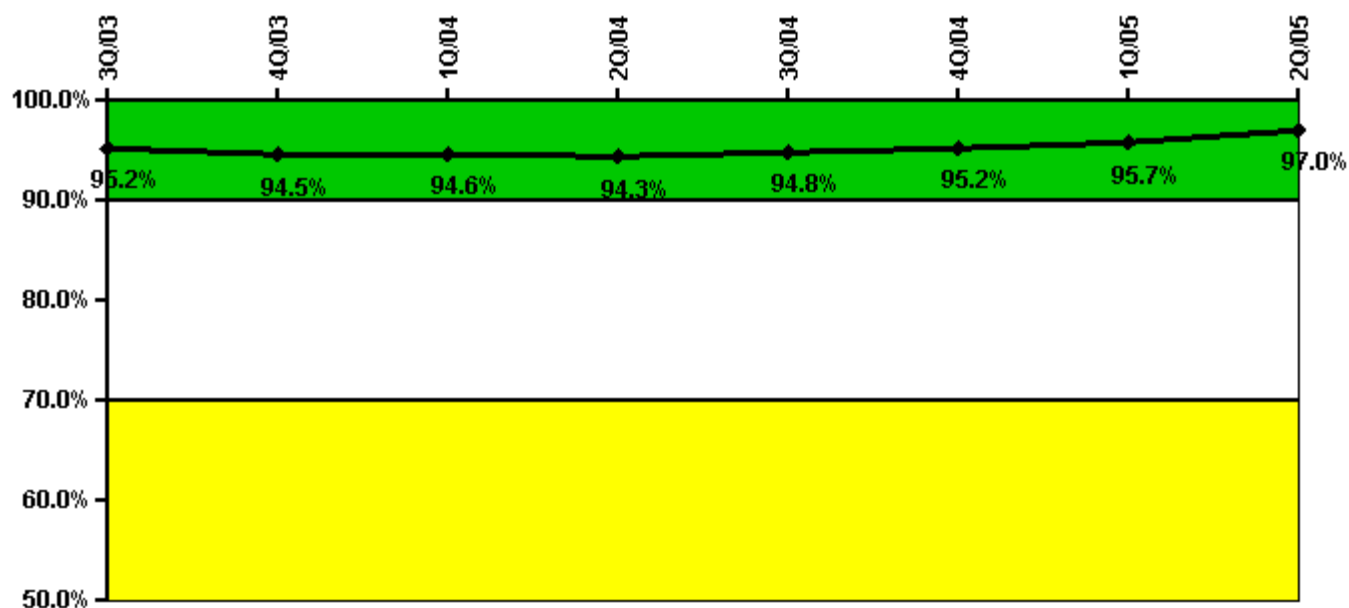
Notes

| 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 | 1.740 | 1.760 | 1.740 | 1.720 | 1.720 | 1.680 | 1.690 | 1.620 | 1.590 | 1.580 | 1.560 | 1.570 |
| 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 | 5.9 | 5.8 | 5.7 | 5.7 | 5.6 | 5.6 | 5.4 | 5.3 | 5.3 | 5.2 | 5.2 |

| Reactor Coolant System Leakage | 7/04 | 8/04 | 9/04 | 10/04 | 11/04 | 12/04 | 1/05 | 2/05 | 3/05 | 4/05 | 5/05 | 6/05 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.570 | 1.670 | 1.730 | 1.870 | 1.800 | 1.730 | 1.740 | 1.730 | 1.780 | 1.730 | 1.730 | 1.750 |
| 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 | 5.2 | 5.6 | 5.8 | 6.2 | 6.0 | 5.8 | 5.8 | 5.8 | 5.9 | 5.8 | 5.8 | 5.8 |

Licensee Comments: none

Drill/Exercise Performance



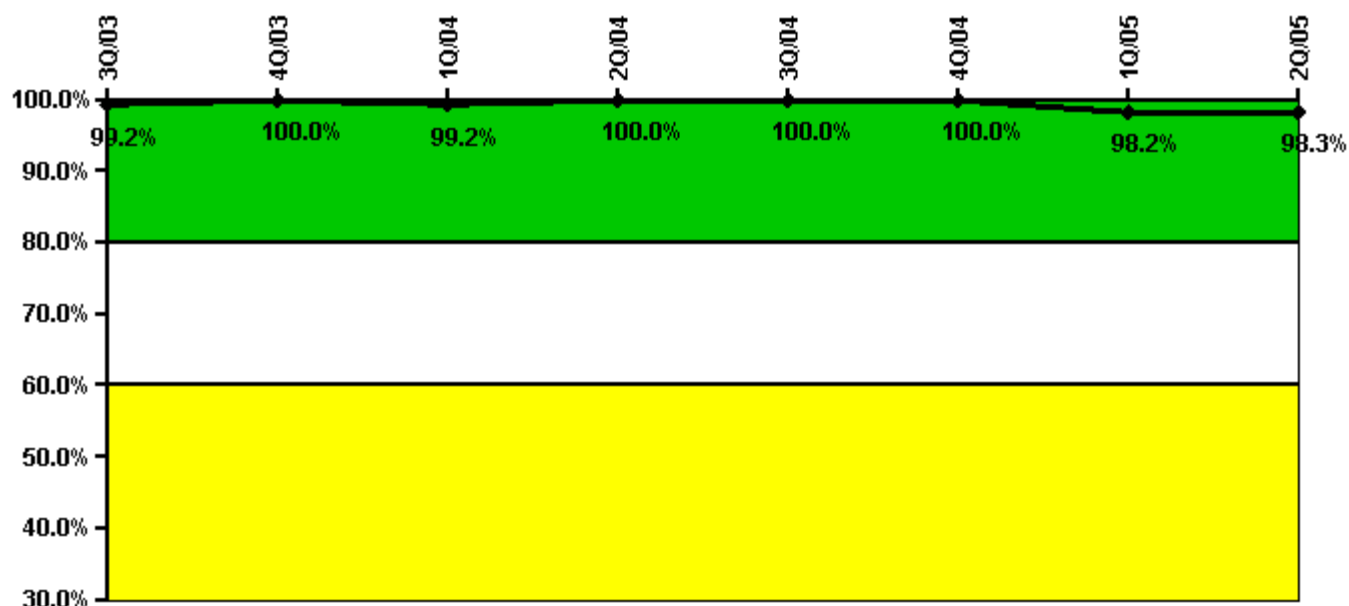
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 71.0 | 5.0 | 2.0 | 17.0 | 34.0 | 18.0 | 1.0 | 14.0 |
| Total opportunities | 72.0 | 6.0 | 2.0 | 18.0 | 34.0 | 19.0 | 2.0 | 14.0 |
| Indicator value | 95.2% | 94.5% | 94.6% | 94.3% | 94.8% | 95.2% | 95.7% | 97.0% |

Licensee Comments: none

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 |
|-----------------------------|-------|--------|-------|--------|--------|--------|-------|-------|
| Participating Key personnel | 130.0 | 128.0 | 119.0 | 116.0 | 111.0 | 114.0 | 109.0 | 119.0 |
| Total Key personnel | 131.0 | 128.0 | 120.0 | 116.0 | 111.0 | 114.0 | 111.0 | 121.0 |
| Indicator value | 99.2% | 100.0% | 99.2% | 100.0% | 100.0% | 100.0% | 98.2% | 98.3% |

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.**

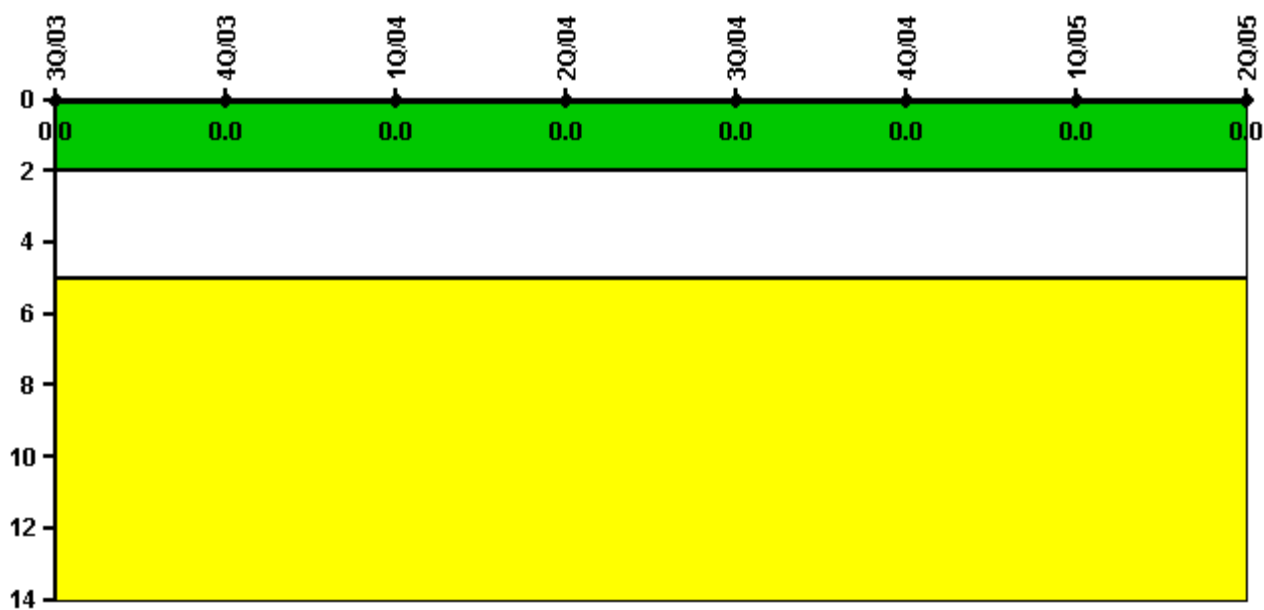
Notes

| Alert & Notification System | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | | | | | | | | |
| Total sirens-tests | | | | | | | | |
| | | | | | | | | |
| Indicator value | | | | | | | | |

Licensee Comments:

2Q/05: Plant Hatch does not use sirens as an emergency notification system.

Occupational Exposure Control Effectiveness



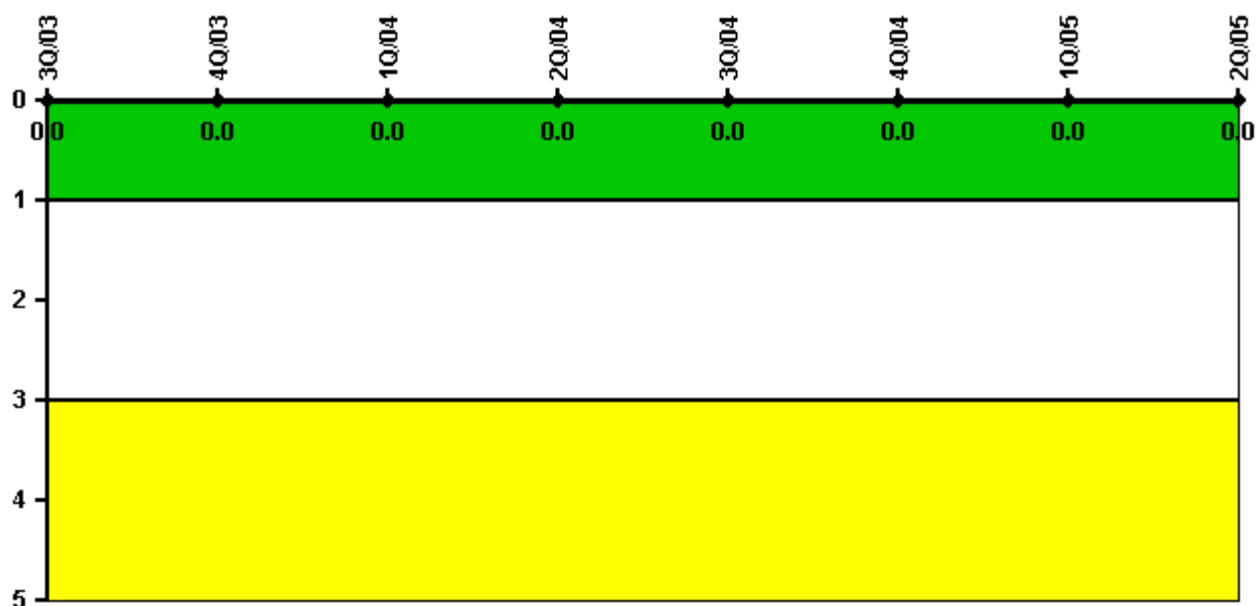
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 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.