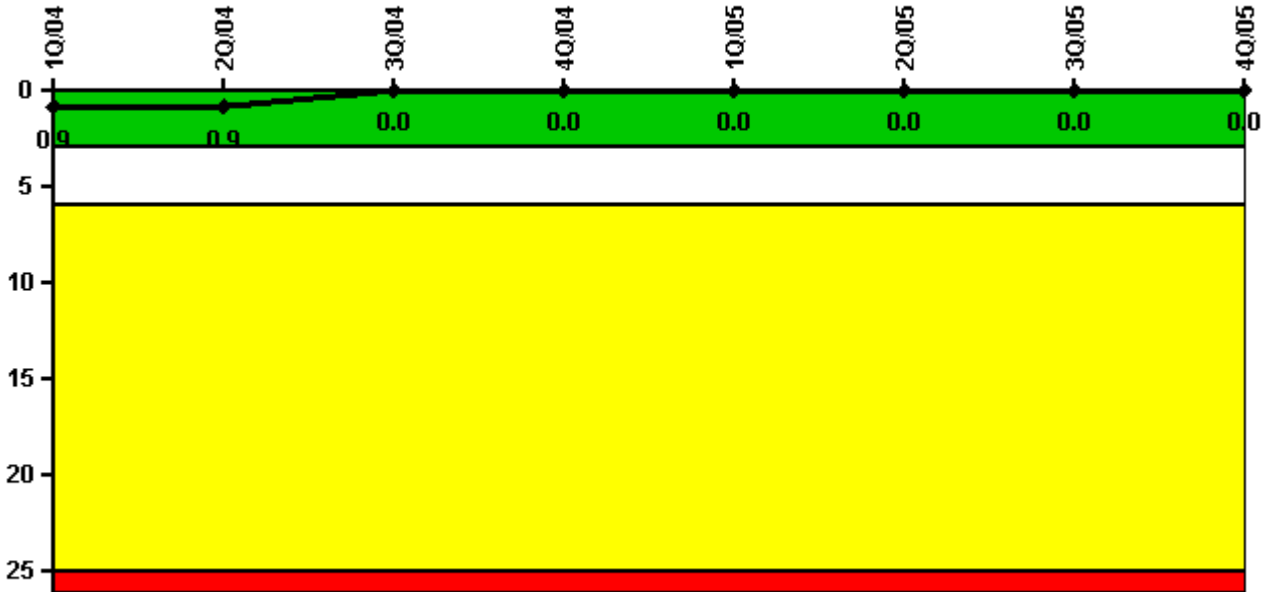


## Peach Bottom 3

### 4Q/2005 Performance Indicators

Licensee's General Comments: none

#### Unplanned Scrams per 7000 Critical Hrs



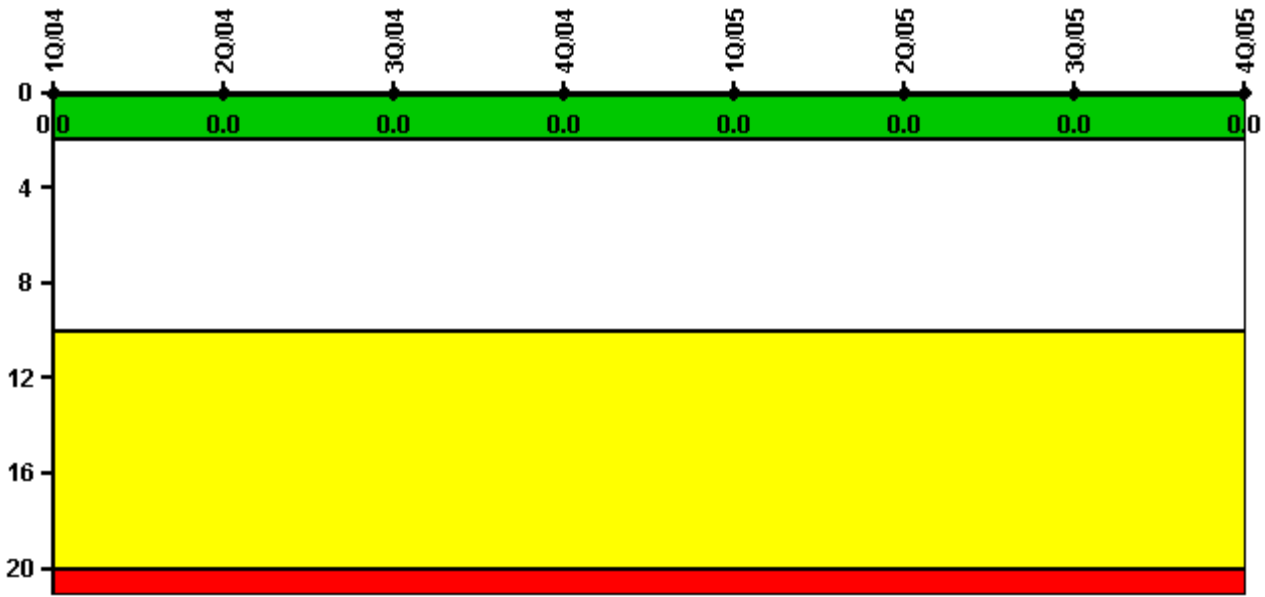
**Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0**

#### Notes

| Unplanned Scrams per 7000 Critical Hrs | 1Q/04  | 2Q/04  | 3Q/04  | 4Q/04  | 1Q/05  | 2Q/05  | 3Q/05  | 4Q/05  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Critical hours                         | 2184.0 | 2183.0 | 2208.0 | 2209.0 | 2160.0 | 2183.0 | 1941.7 | 1848.4 |
| Indicator value                        | 0.9    | 0.9    | 0      | 0      | 0      | 0      | 0      | 0      |

Licensee Comments: none

### Scrams with Loss of Normal Heat Removal



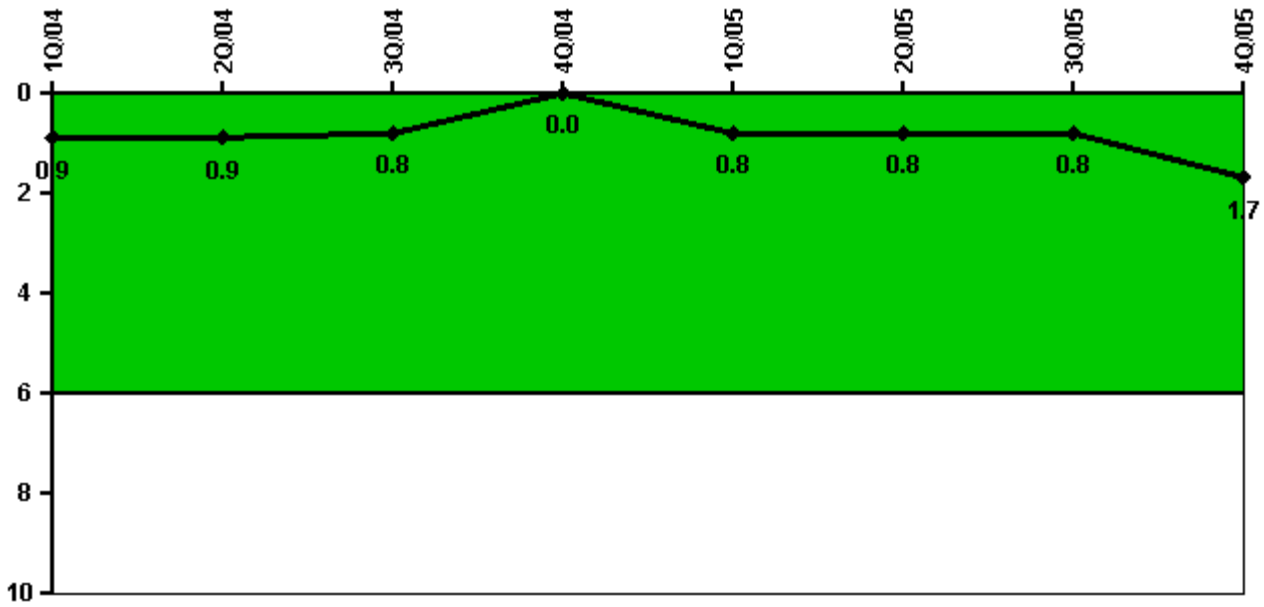
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

#### Notes

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

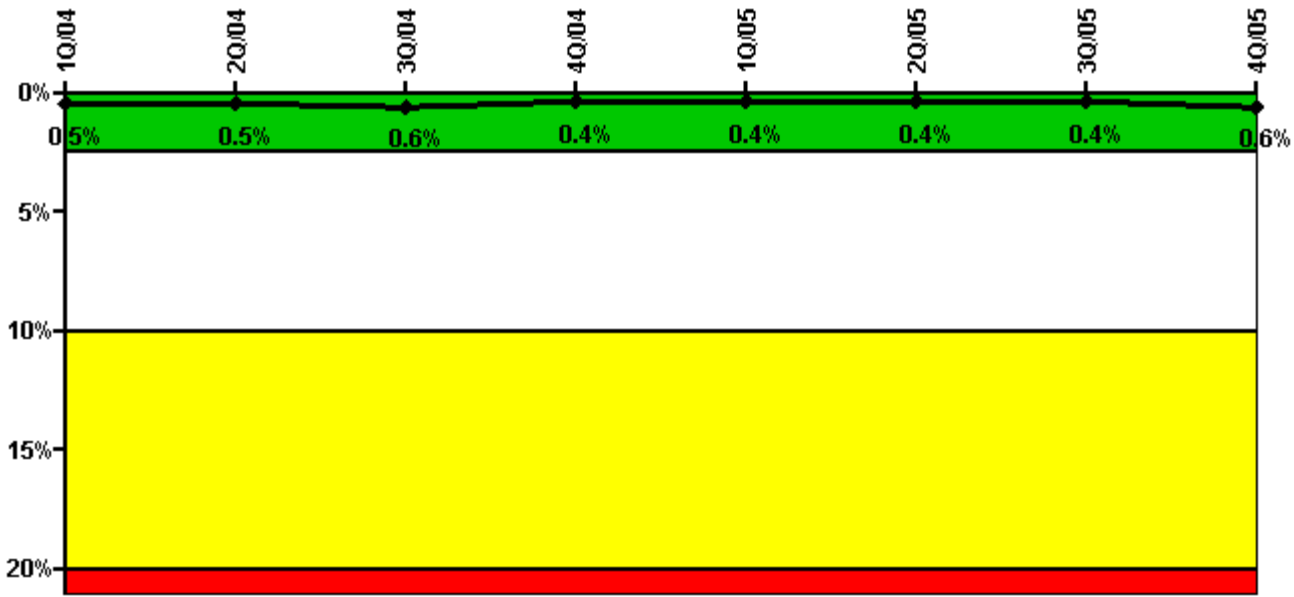
#### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 1Q/04  | 2Q/04  | 3Q/04  | 4Q/04  | 1Q/05  | 2Q/05  | 3Q/05  | 4Q/05  |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes                       | 0      | 0      | 0      | 0      | 1.0    | 0      | 0      | 1.0    |
| Critical hours                                | 2184.0 | 2183.0 | 2208.0 | 2209.0 | 2160.0 | 2183.0 | 1941.7 | 1848.4 |
| Indicator value                               | 0.9    | 0.9    | 0.8    | 0      | 0.8    | 0.8    | 0.8    | 1.7    |

Licensee Comments:

3Q/05: LOAD REDUCTION on 7/1/05 WAS PLANNED > 72 HOURS IN ADVANCE AND SHOULD NOT HAVE BEEN COUNTED AS UNPLANNED PER NEI 99-02 GUIDANCE.

### Safety System Unavailability, Emergency AC Power, >2EDG



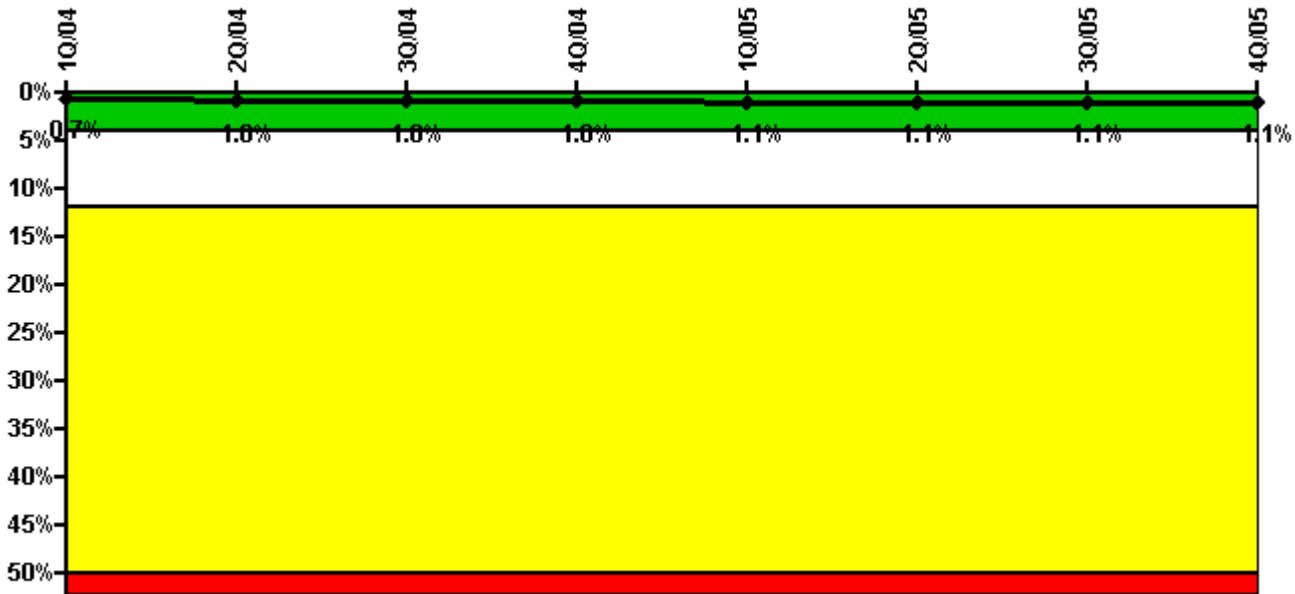
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

#### Notes

| Safety System Unavailability, Emergency AC Power, >2EDG | 1Q/04       | 2Q/04       | 3Q/04       | 4Q/04       | 1Q/05       | 2Q/05       | 3Q/05       | 4Q/05       |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 15.50       | 0           | 113.25      | 0           | 8.50        | 0           | 0           | 0           |
| Unplanned unavailable hours                             | 0           | 0           | 0           | 0           | 0           | 6.75        | 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  | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     |
| <b>Train 2</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 0           | 0           | 0           | 0           | 10.50       | 1.50        | 17.75       | 9.75        |
| Unplanned unavailable hours                             | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 20.75       |
| Fault exposure hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 115.50      |
| Effective Reset hours                                   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     |
| <b>Train 3</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 0           | 0           | 48.50       | 0           | 0           | 0.50        | 3.50        | 117.50      |
| 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  | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     |
| <b>Train 4</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 0           | 0           | 0           | 0.50        | 0           | 0.75        | 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  | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     |
| <b>Indicator value</b>                                  | <b>0.5%</b> | <b>0.5%</b> | <b>0.6%</b> | <b>0.4%</b> | <b>0.4%</b> | <b>0.4%</b> | <b>0.4%</b> | <b>0.6%</b> |

Licensee Comments: none

### Safety System Unavailability, High Pressure Injection System (HPCI)



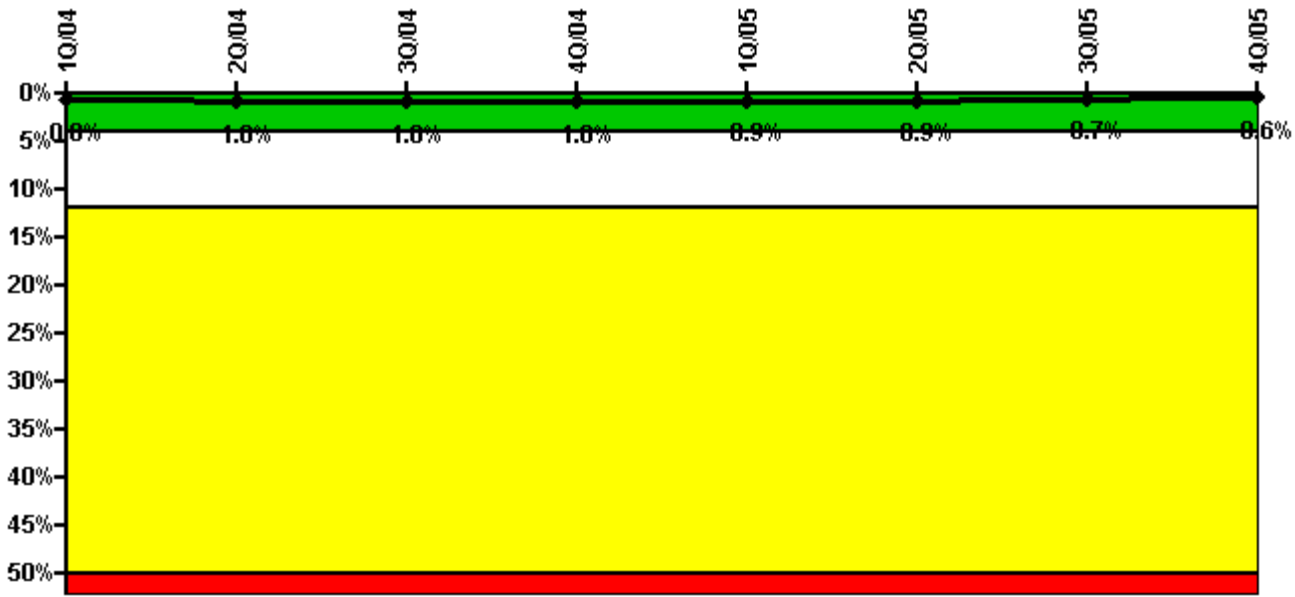
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

### Notes

| Safety System Unavailability, High Pressure Injection System (HPCI) | 1Q/04       | 2Q/04       | 3Q/04       | 4Q/04       | 1Q/05       | 2Q/05       | 3Q/05       | 4Q/05       |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours   | 0           | 80.33       | 1.60        | 14.29       | 10.65       | 5.07        | 8.45        | 2.72        |
| Unplanned unavailable hours   | 30.97       | 0           | 0           | 0           | 17.29       | 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  | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 1941.70     | 1848.40     |
| <b>Indicator value</b>  | <b>0.7%</b> | <b>1.0%</b> | <b>1.0%</b> | <b>1.0%</b> | <b>1.1%</b> | <b>1.1%</b> | <b>1.1%</b> | <b>1.1%</b> |

Licensee Comments: none

### Safety System Unavailability, Heat Removal System (RCIC)



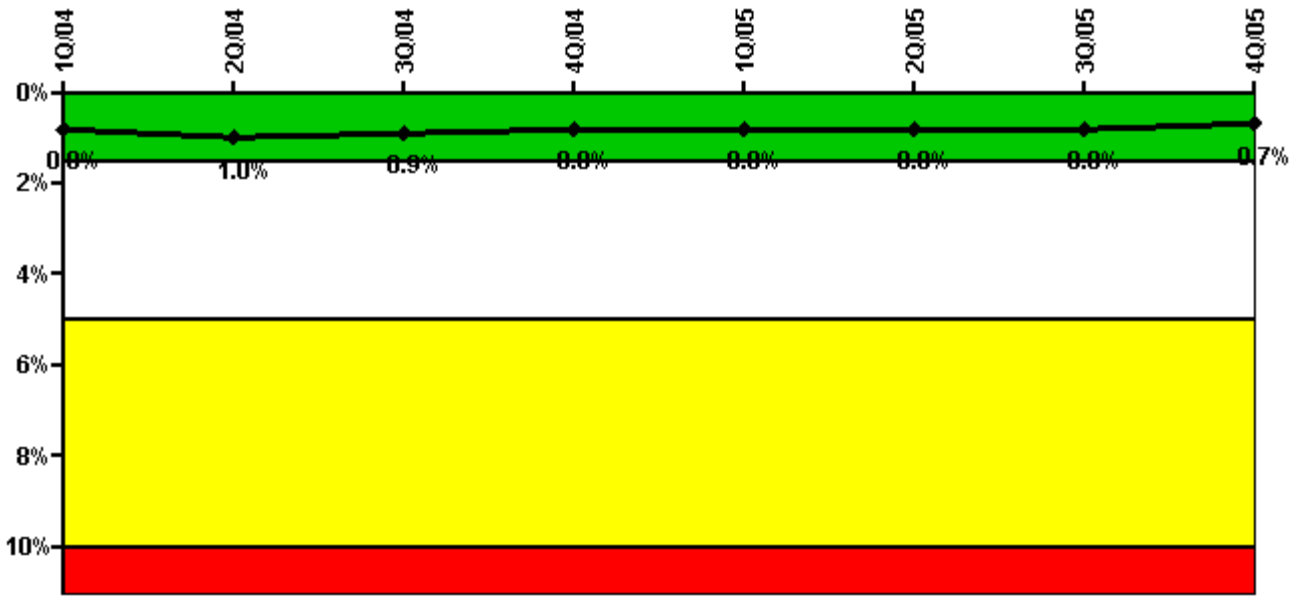
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

#### Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 1Q/04       | 2Q/04       | 3Q/04       | 4Q/04       | 1Q/05       | 2Q/05       | 3Q/05       | 4Q/05       |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                | 35.10       | 65.05       | 11.15       | 2.17        | 7.07        | 8.58        | 2.40        | 1.35        |
| Unplanned unavailable hours                              | 0           | 0           | 0           | 0           | 2.43        | 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   | 1440.00     | 1463.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 1941.70     | 1848.40     |
| <b>Indicator value</b>                                   | <b>0.8%</b> | <b>1.0%</b> | <b>1.0%</b> | <b>1.0%</b> | <b>0.9%</b> | <b>0.9%</b> | <b>0.7%</b> | <b>0.6%</b> |

Licensee Comments: none

### Safety System Unavailability, Residual Heat Removal System



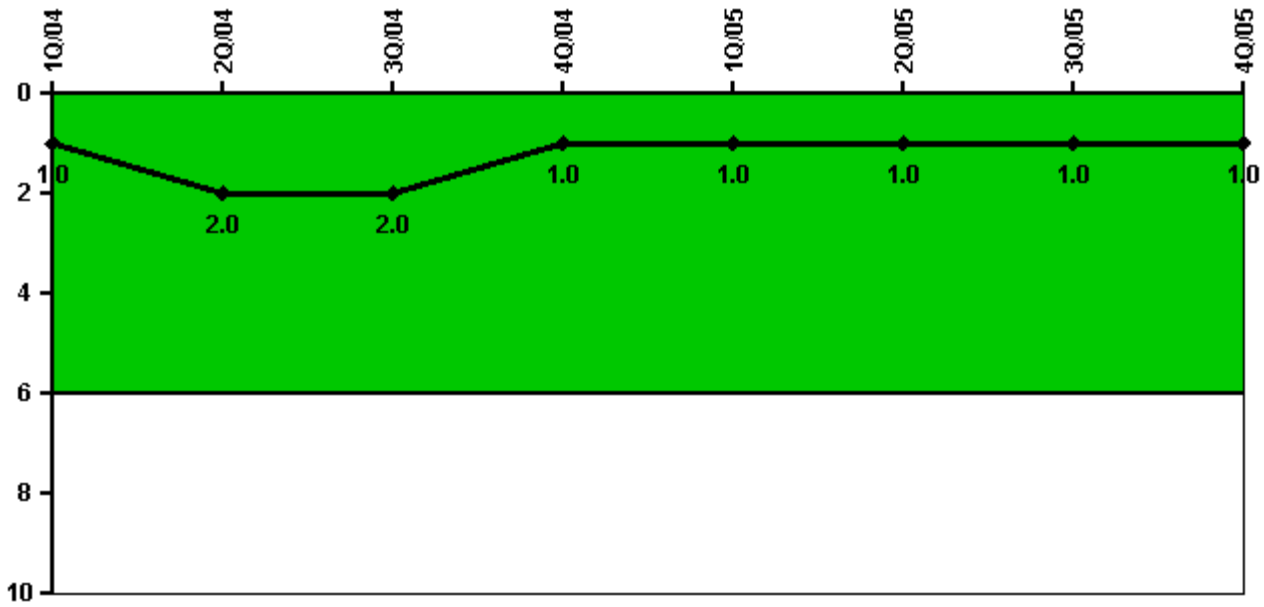
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

**Notes**

| Safety System Unavailability, Residual Heat Removal System | 1Q/04       | 2Q/04       | 3Q/04       | 4Q/04       | 1Q/05       | 2Q/05       | 3Q/05       | 4Q/05       |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                  | 1.17        | 0           | 0           | 0           | 66.10       | 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   | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     |
| <b>Train 2</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                  | 37.58       | 80.10       | 14.33       | 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   | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 1955.10     | 1860.50     |
| <b>Indicator value</b>                                     | <b>0.8%</b> | <b>1.0%</b> | <b>0.9%</b> | <b>0.8%</b> | <b>0.8%</b> | <b>0.8%</b> | <b>0.8%</b> | <b>0.7%</b> |

Licensee Comments: none

### Safety System Functional Failures (BWR)



Thresholds: White > 6.0

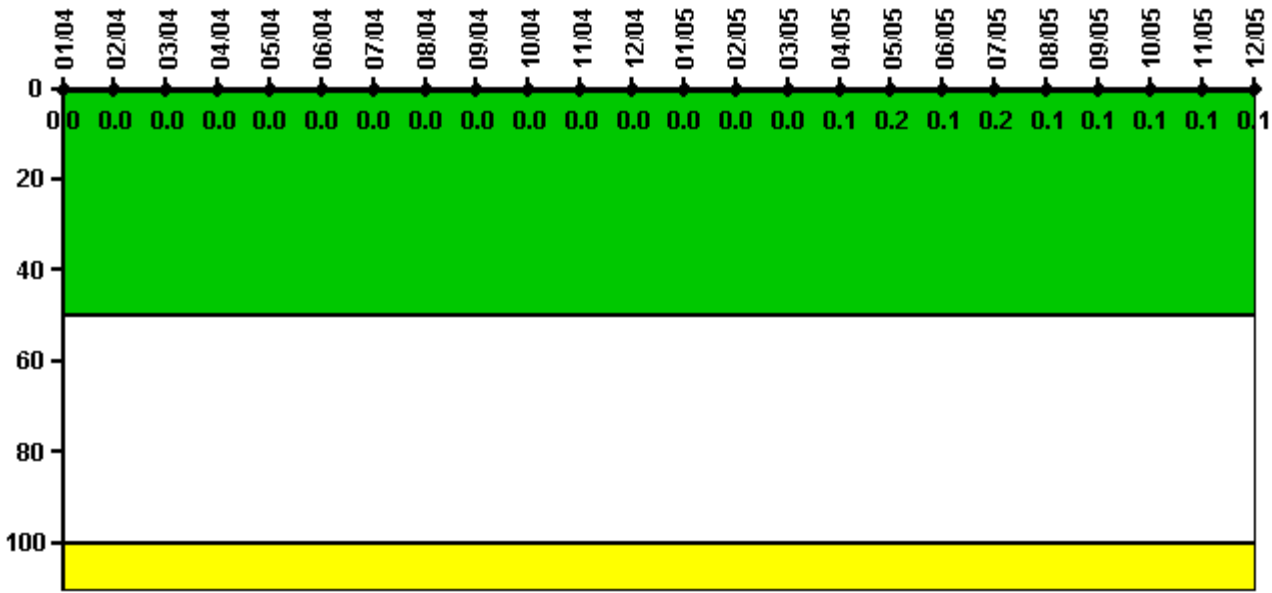
#### Notes

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

Licensee Comments: none



### Reactor Coolant System Activity



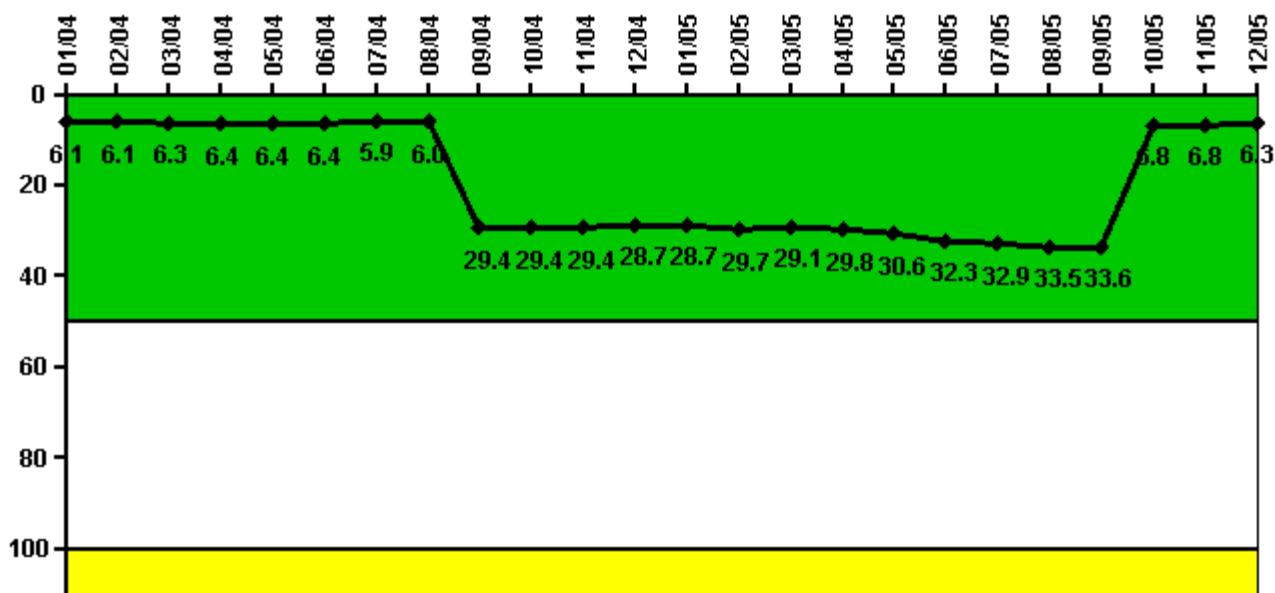
Thresholds: White > 50.0 Yellow > 100.0

#### Notes

| Reactor Coolant System Activity | 1/04     | 2/04     | 3/04     | 4/04     | 5/04     | 6/04     | 7/04     | 8/04     | 9/04     | 10/04    | 11/04    | 12/04    |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity                | 0.000005 | 0.000005 | 0.000007 | 0.000008 | 0.000006 | 0.000005 | 0.000005 | 0.000010 | 0.000001 | 0.000002 | 0.000003 | 0.000001 |
| 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 | 1/05     | 2/05     | 3/05     | 4/05     | 5/05     | 6/05     | 7/05     | 8/05     | 9/05     | 10/05    | 11/05    | 12/05    |
| Maximum activity                | 0.000002 | 0.000005 | 0.000004 | 0.000106 | 0.000365 | 0.000167 | 0.000315 | 0.000273 | 0.000240 | 0.000159 | 0.000143 | 0.000101 |
| 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        | 0.1      | 0.2      | 0.1      | 0.2      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      |

Licensee Comments: none

### Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

#### Notes

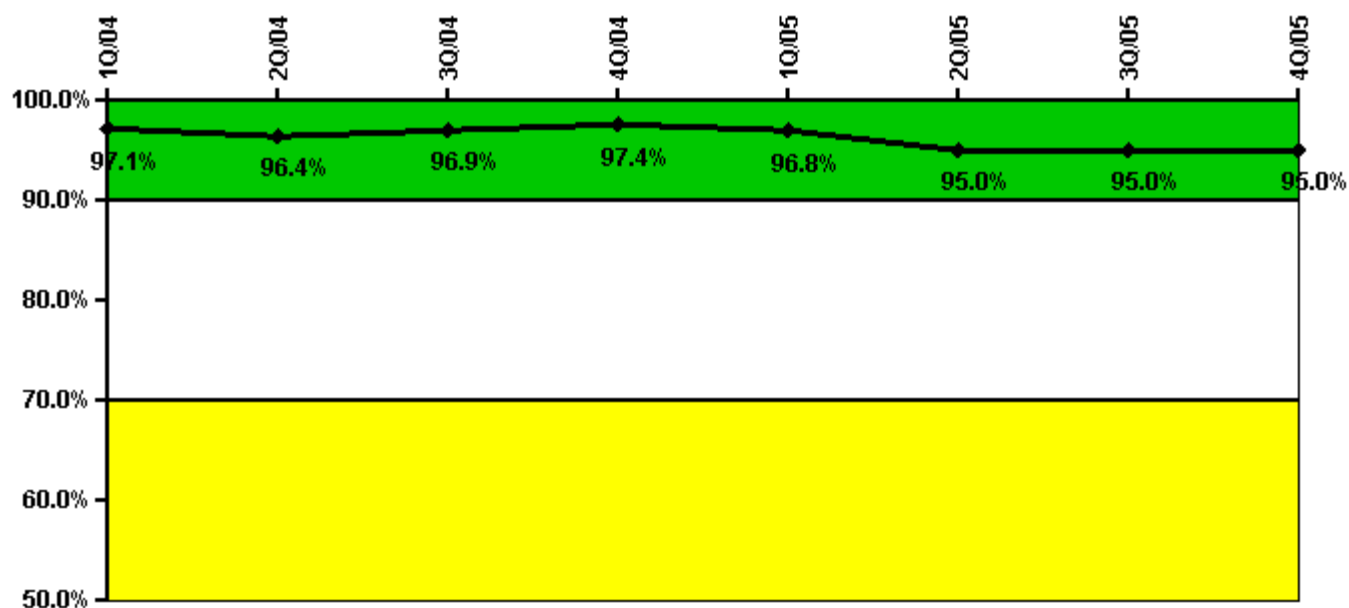
| Reactor Coolant System Leakage | 1/04  | 2/04  | 3/04  | 4/04  | 5/04  | 6/04  | 7/04  | 8/04  | 9/04  | 10/04 | 11/04 | 12/04 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage                | 1.530 | 1.530 | 1.570 | 1.600 | 1.600 | 1.590 | 1.470 | 1.500 | 7.350 | 7.350 | 7.340 | 7.180 |
| 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                | 6.1   | 6.1   | 6.3   | 6.4   | 6.4   | 6.4   | 5.9   | 6.0   | 29.4  | 29.4  | 29.4  | 28.7  |

| Reactor Coolant System Leakage | 1/05  | 2/05  | 3/05  | 4/05  | 5/05  | 6/05  | 7/05  | 8/05  | 9/05  | 10/05 | 11/05 | 12/05 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage                | 7.170 | 7.420 | 7.280 | 7.460 | 7.660 | 8.070 | 8.230 | 8.380 | 8.390 | 1.710 | 1.700 | 1.580 |
| 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                | 28.7  | 29.7  | 29.1  | 29.8  | 30.6  | 32.3  | 32.9  | 33.5  | 33.6  | 6.8   | 6.8   | 6.3   |

Licensee Comments: none

### Drill/Exercise Performance



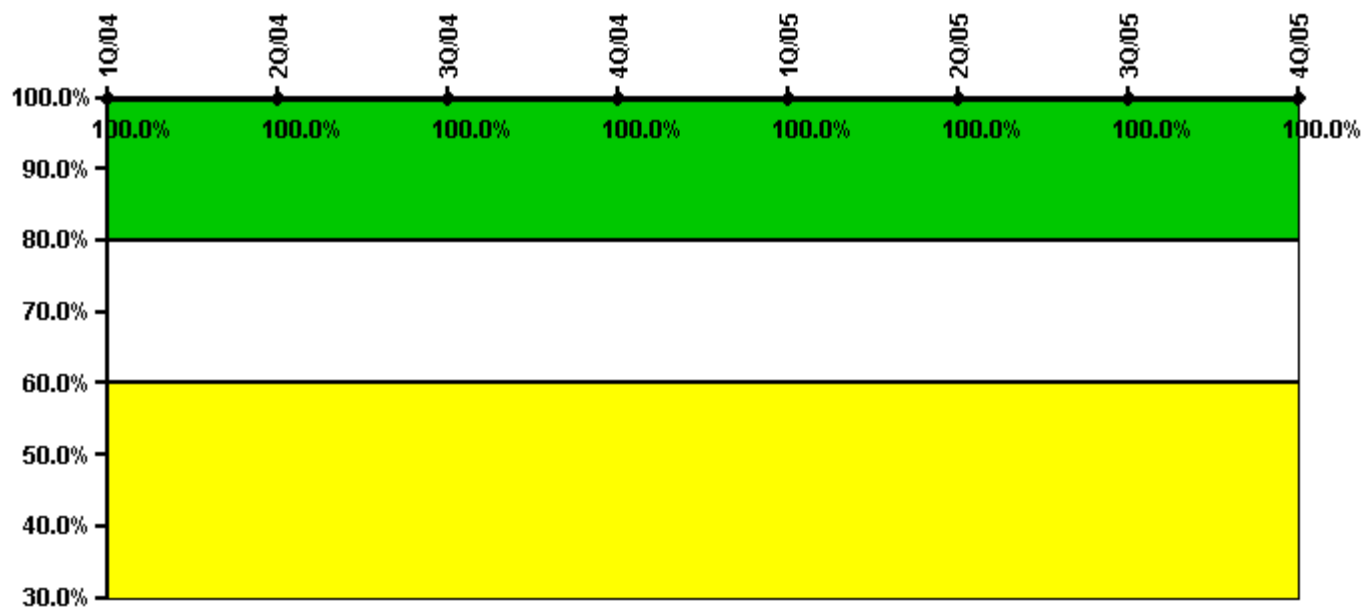
Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

| Drill/Exercise Performance | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities   | 49.0  | 36.0  | 36.0  | 24.0  | 28.0  | 34.0  | 20.0  | 20.0  |
| Total opportunities        | 50.0  | 40.0  | 36.0  | 24.0  | 30.0  | 39.0  | 20.0  | 21.0  |
| Indicator value            | 97.1% | 96.4% | 96.9% | 97.4% | 96.8% | 95.0% | 95.0% | 95.0% |

Licensee Comments: none

### ERO Drill Participation



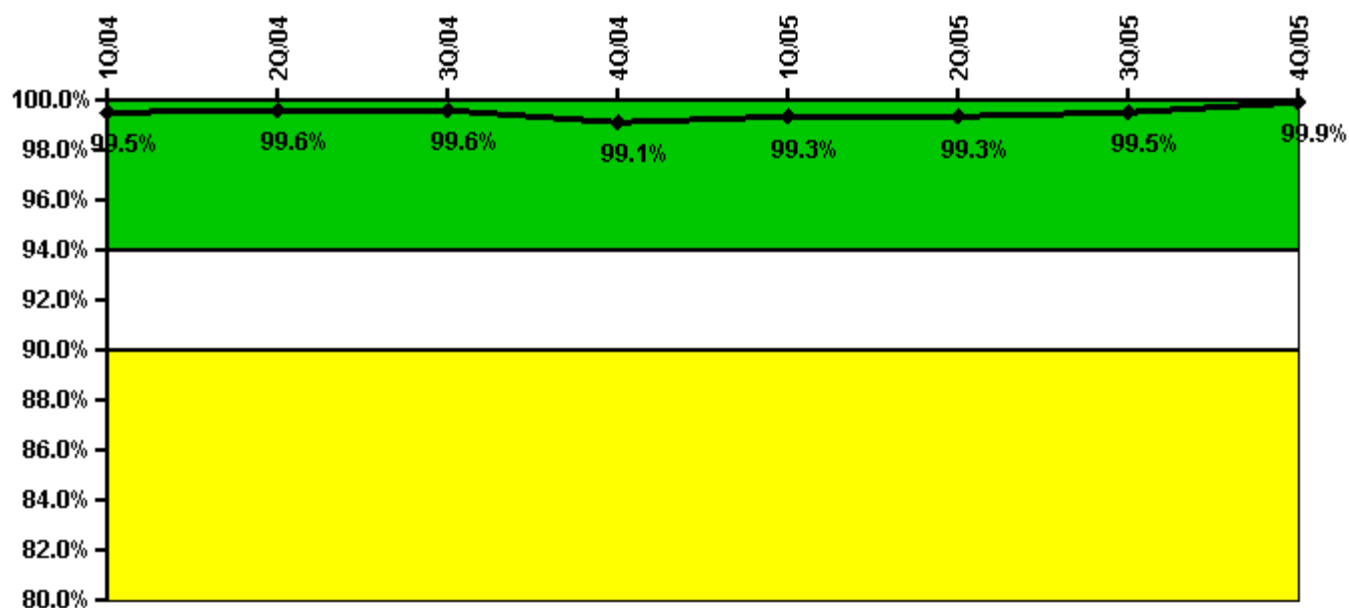
**Thresholds: White < 80.0% Yellow < 60.0%**

**Notes**

| ERO Drill Participation     | 1Q/04  | 2Q/04  | 3Q/04  | 4Q/04  | 1Q/05  | 2Q/05  | 3Q/05  | 4Q/05  |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| Participating Key personnel | 68.0   | 69.0   | 69.0   | 75.0   | 79.0   | 75.0   | 75.0   | 76.0   |
| Total Key personnel         | 68.0   | 69.0   | 69.0   | 75.0   | 79.0   | 75.0   | 75.0   | 76.0   |
| Indicator value             | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

### Alert & Notification System



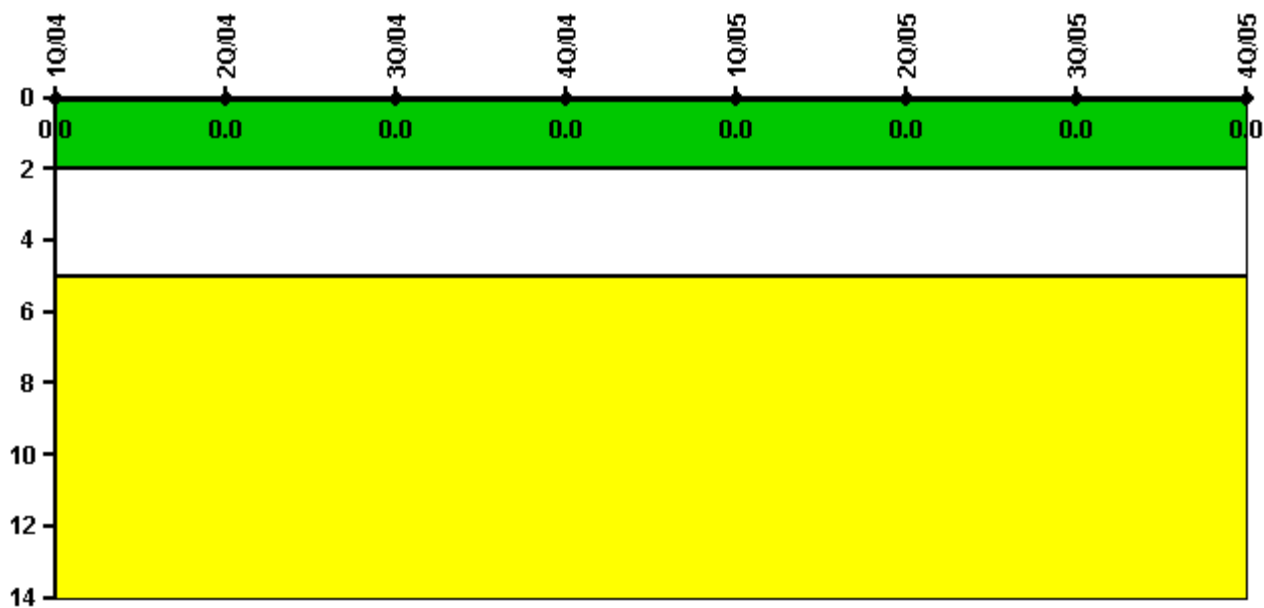
Thresholds: White < 94.0% Yellow < 90.0%

#### Notes

| Alert & Notification System | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests      | 1254  | 1258  | 288   | 659   | 1238  | 1259  | 1259  | 1164  |
| Total sirens-tests          | 1261  | 1261  | 291   | 679   | 1238  | 1261  | 1261  | 1164  |
| Indicator value             | 99.5% | 99.6% | 99.6% | 99.1% | 99.3% | 99.3% | 99.5% | 99.9% |

Licensee Comments: none

### Occupational Exposure Control Effectiveness



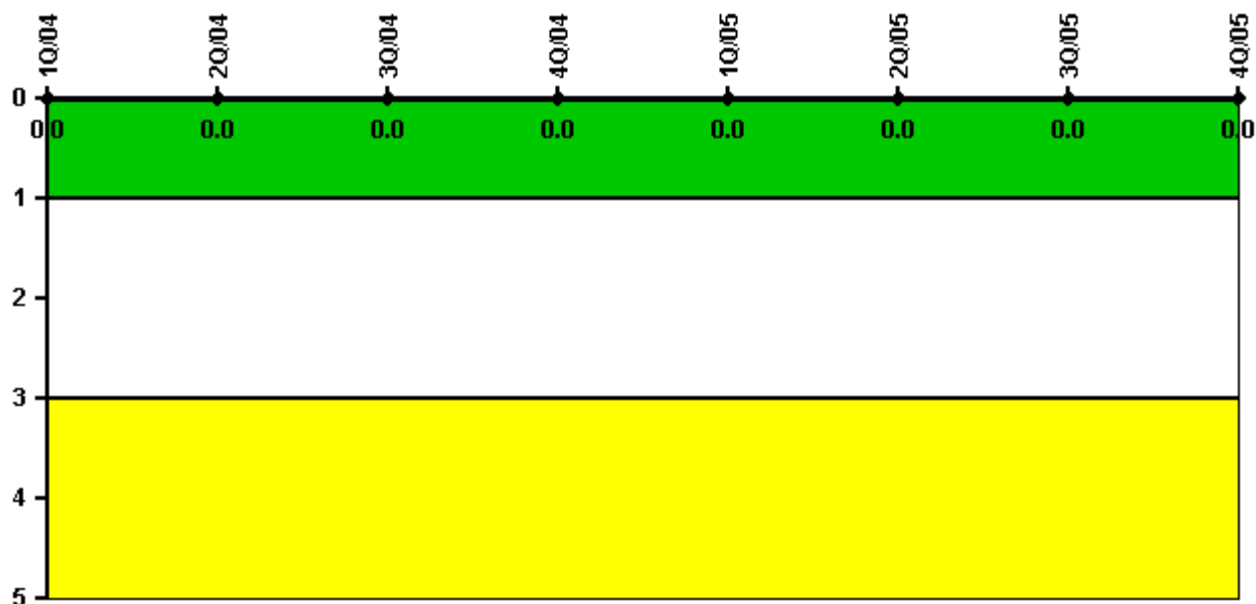
Thresholds: White > 2.0 Yellow > 5.0

#### Notes

| Occupational Exposure Control Effectiveness | 1Q/04    | 2Q/04    | 3Q/04    | 4Q/04    | 1Q/05    | 2Q/05    | 3Q/05    | 4Q/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        |
| <b>Indicator value</b>                      | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> |

Licensee Comments: none

### RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

#### Notes

| RETS/ODCM Radiological Effluent | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/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.

▲ [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: January 30, 2006