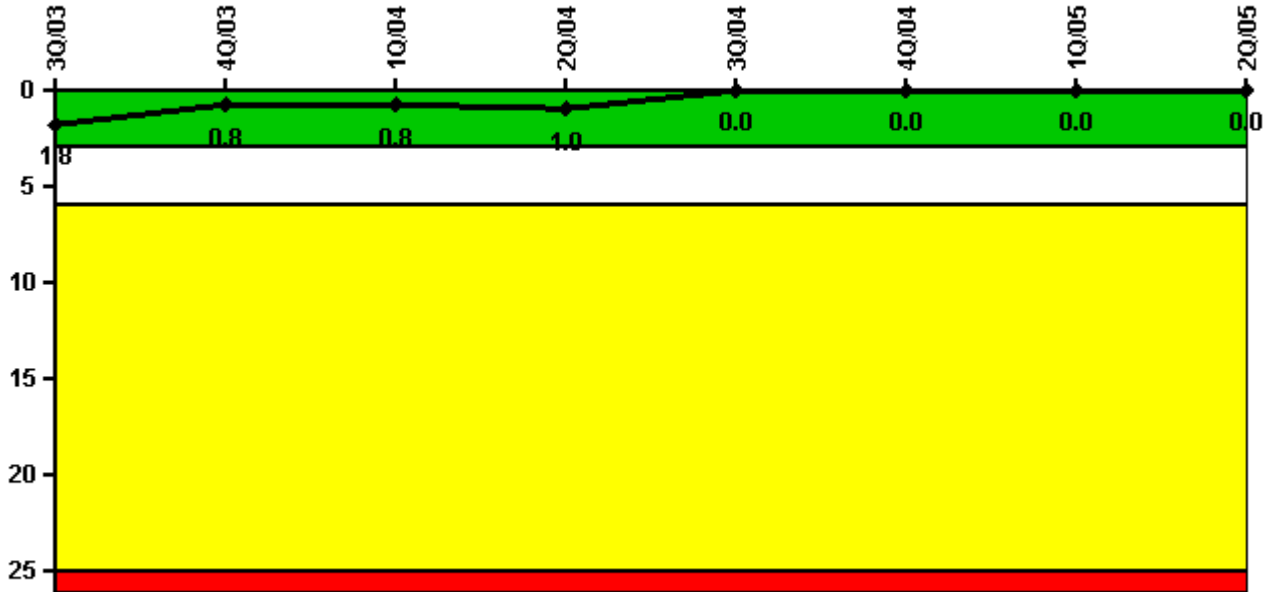


# Salem 1

## 2Q/2005 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



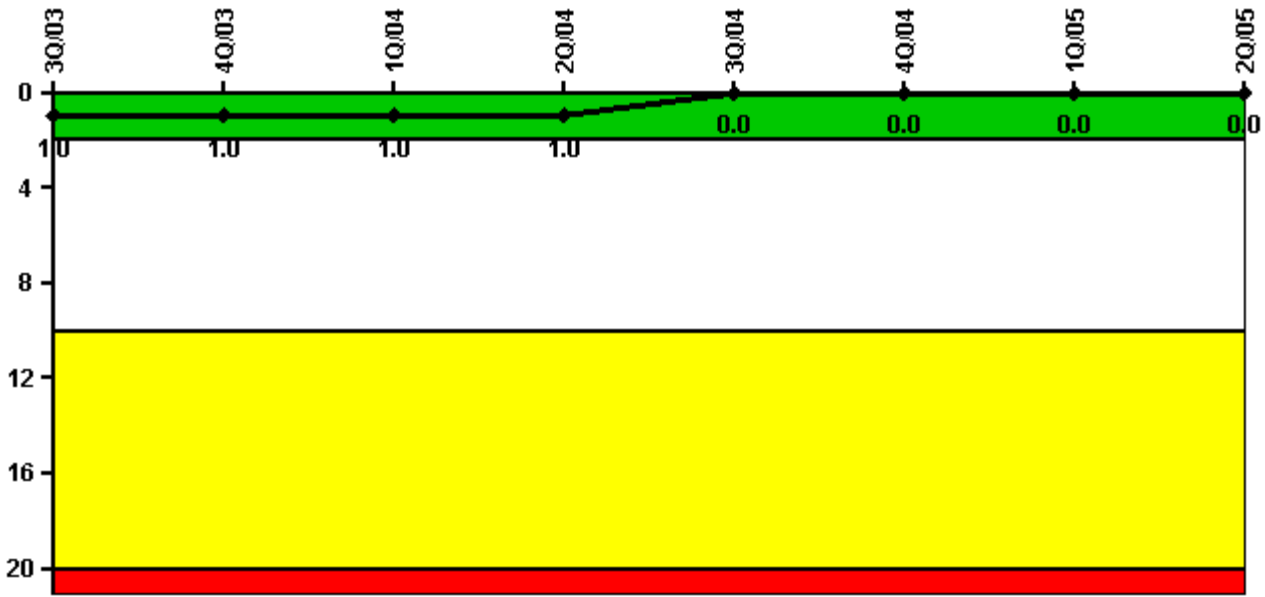
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### 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                       | 1.0    | 0      | 0      | 0     | 0      | 0      | 0      | 0      |
| Critical hours                         | 1992.0 | 2142.3 | 2156.0 | 753.1 | 2148.8 | 1918.5 | 2160.0 | 2144.4 |
| Indicator value                        | 1.8    | 0.8    | 0.8    | 1.0   | 0      | 0      | 0      | 0      |

Licensee Comments: none

### Scrams with Loss of Normal Heat Removal



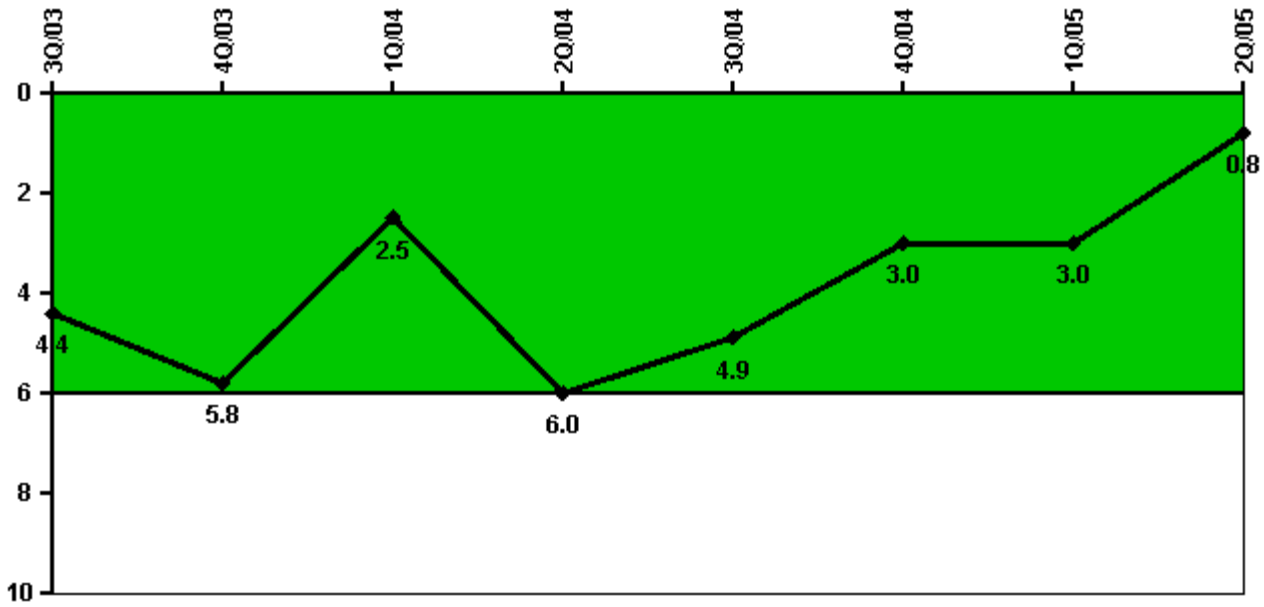
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

#### Notes

| Scrams with Loss of Normal Heat Removal | 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                         | 1.0   | 1.0   | 1.0   | 1.0   | 0     | 0     | 0     | 0     |

Licensee Comments: none

### Unplanned Power Changes per 7000 Critical Hrs



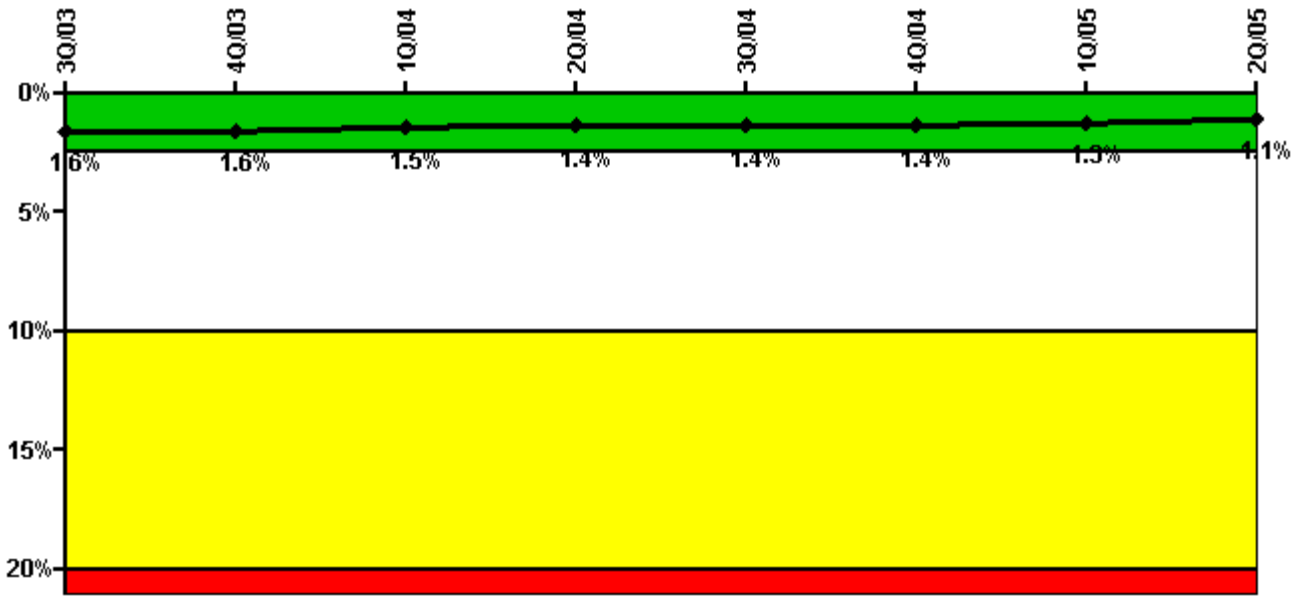
Thresholds: White > 6.0

#### 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                       | 1.0    | 2.0    | 0      | 3.0   | 0      | 0      | 0      | 1.0    |
| Critical hours                                | 1992.0 | 2142.3 | 2156.0 | 753.1 | 2148.8 | 1918.5 | 2160.0 | 2144.4 |
| Indicator value                               | 4.4    | 5.8    | 2.5    | 6.0   | 4.9    | 3.0    | 3.0    | 0.8    |

Licensee Comments: none

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



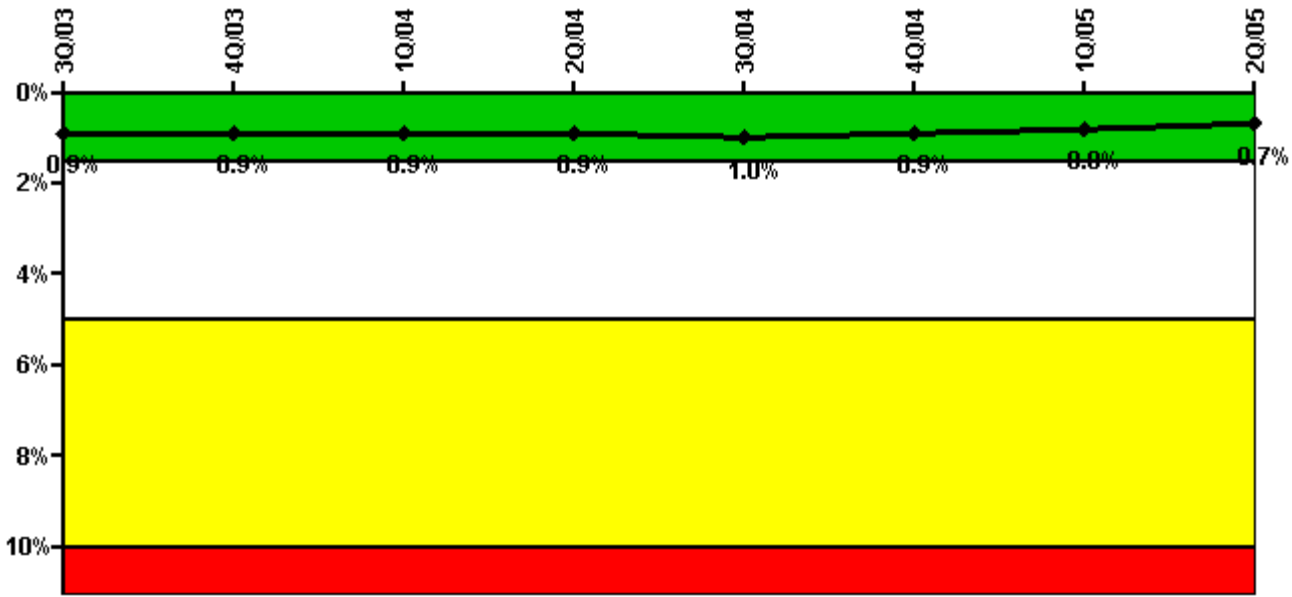
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

#### Notes

| Safety System Unavailability, Emergency AC Power, >2EDG | 3Q/03       | 4Q/03       | 1Q/04       | 2Q/04       | 3Q/04       | 4Q/04       | 1Q/05       | 2Q/05       |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 5.20        | 5.30        | 11.70       | 2.90        | 12.10       | 4.46        | 4.31        | 2.52        |
| Unplanned unavailable hours                             | 0           | 0           | 0           | 0           | 0           | 8.42        | 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     |
| <b>Train 2</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 8.20        | 51.90       | 7.70        | 1.80        | 5.80        | 5.14        | 4.40        | 2.01        |
| 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     |
| <b>Train 3</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 5.00        | 6.80        | 36.90       | 1.20        | 6.50        | 7.08        | 3.41        | 2.27        |
| Unplanned unavailable hours                             | 1.50        | 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     |
| <b>Indicator value</b>                                  | <b>1.6%</b> | <b>1.6%</b> | <b>1.5%</b> | <b>1.4%</b> | <b>1.4%</b> | <b>1.4%</b> | <b>1.3%</b> | <b>1.1%</b> |

Licensee Comments: none

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



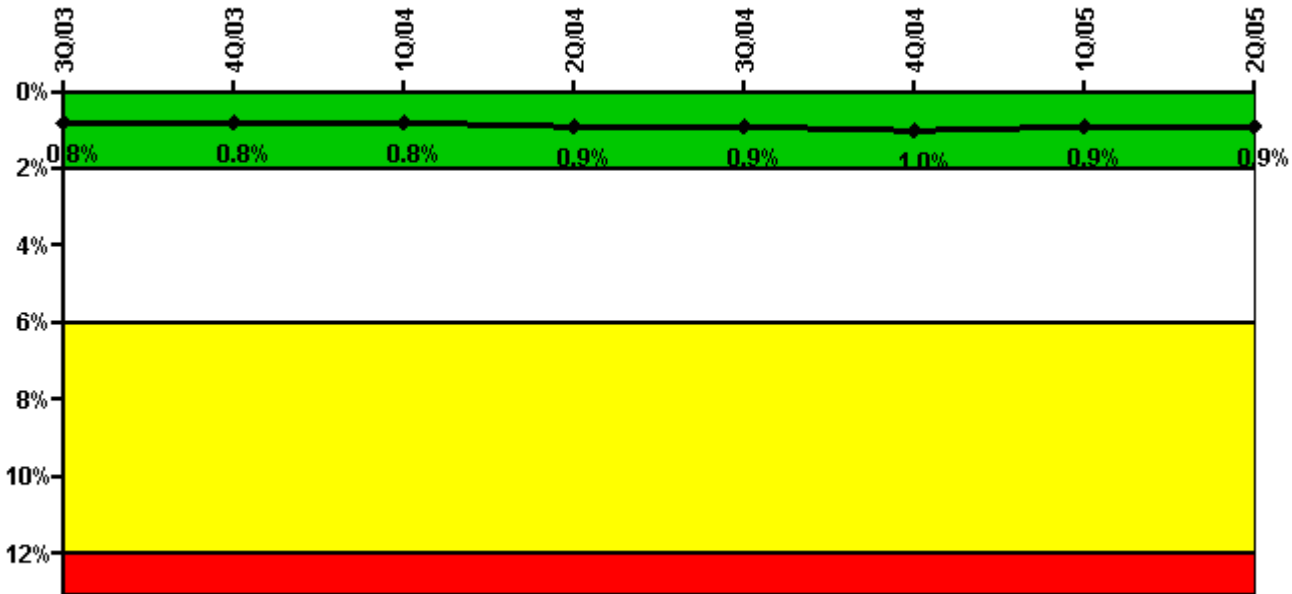
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

**Notes**

| Safety System Unavailability, High Pressure Injection System (HPSI) | 3Q/03       | 4Q/03       | 1Q/04       | 2Q/04       | 3Q/04       | 4Q/04       | 1Q/05       | 2Q/05       |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours   | 13.60       | 7.20        | 38.90       | 0.30        | 17.80       | 0           | 8.93        | 0           |
| Unplanned unavailable hours   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 5.10        |
| Fault exposure hours  | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 1992.00     | 2142.00     | 2156.00     | 753.13      | 2149.00     | 1918.47     | 2160.00     | 2144.37     |
| <b>Train 2</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours   | 1.90        | 11.70       | 41.90       | 61.60       | 65.40       | 38.96       | 2.00        | 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  | 1992.00     | 2142.00     | 2156.00     | 753.13      | 2149.00     | 1918.47     | 2160.00     | 2144.37     |
| <b>Train 3</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours   | 0           | 0           | 0           | 0           | 24.10       | 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  | 1992.00     | 2142.00     | 2156.00     | 753.13      | 2149.00     | 1918.47     | 2160.00     | 2144.37     |
| <b>Train 4</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours   | 0           | 0           | 5.40        | 0           | 2.00        | 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  | 1992.00     | 2142.00     | 2156.00     | 753.13      | 2149.00     | 1918.47     | 2160.00     | 2144.37     |
| <b>Indicator value</b>  | <b>0.9%</b> | <b>0.9%</b> | <b>0.9%</b> | <b>0.9%</b> | <b>1.0%</b> | <b>0.9%</b> | <b>0.8%</b> | <b>0.7%</b> |

Licensee Comments: none

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



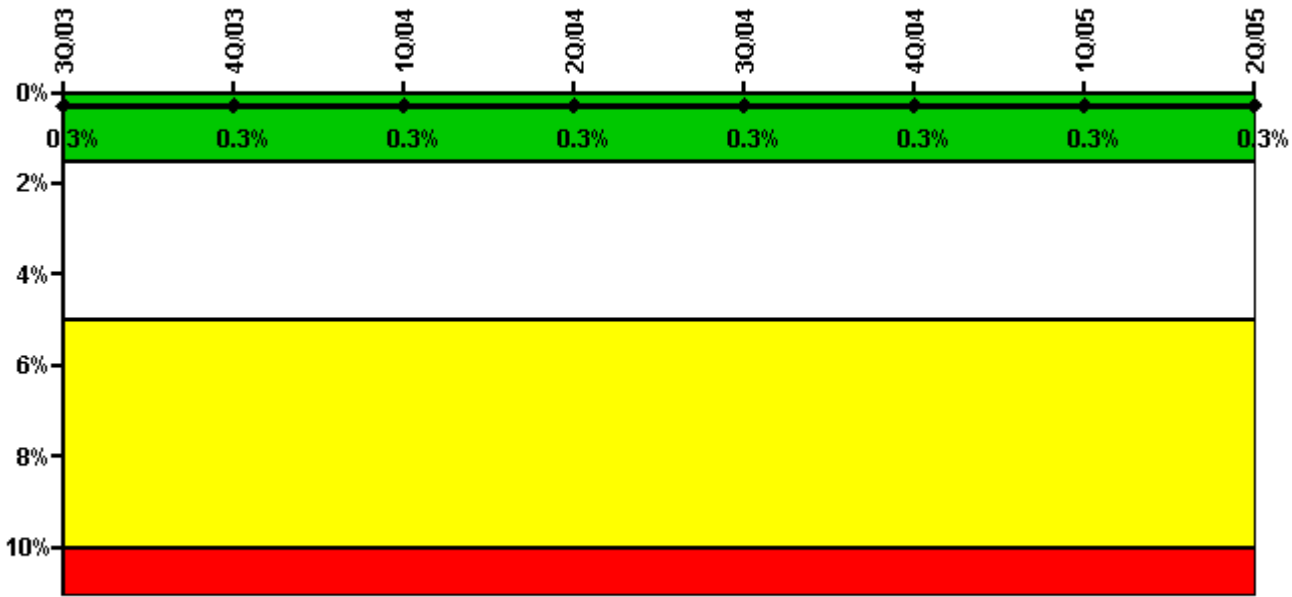
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

### Notes

| Safety System Unavailability, Heat Removal System (AFW) | 3Q/03       | 4Q/03       | 1Q/04       | 2Q/04       | 3Q/04       | 4Q/04       | 1Q/05       | 2Q/05       |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 1.30        | 15.00       | 0.80        | 0.70        | 12.30       | 1.70        | 1.55        | 0.82        |
| 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  | 1992.00     | 2142.00     | 2156.00     | 753.13      | 2149.00     | 1918.47     | 2160.00     | 2144.37     |
| <b>Train 2</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 43.30       | 29.30       | 20.90       | 21.30       | 0.80        | 1.70        | 1.68        | 0.77        |
| 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  | 1992.00     | 2142.00     | 2156.00     | 753.13      | 2149.00     | 1918.47     | 2160.00     | 2144.37     |
| <b>Train 3</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 15.90       | 1.60        | 31.80       | 1.80        | 45.00       | 12.42       | 8.12        | 1.01        |
| Unplanned unavailable hours                             | 0           | 0           | 2.90        | 40.50       | 0           | 64.81       | 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  | 1992.00     | 2142.00     | 2156.00     | 753.13      | 2149.00     | 1918.47     | 2160.00     | 2144.37     |
| <b>Indicator value</b>                                  | <b>0.8%</b> | <b>0.8%</b> | <b>0.8%</b> | <b>0.9%</b> | <b>0.9%</b> | <b>1.0%</b> | <b>0.9%</b> | <b>0.9%</b> |

Licensee Comments: none

### Safety System Unavailability, Residual Heat Removal System



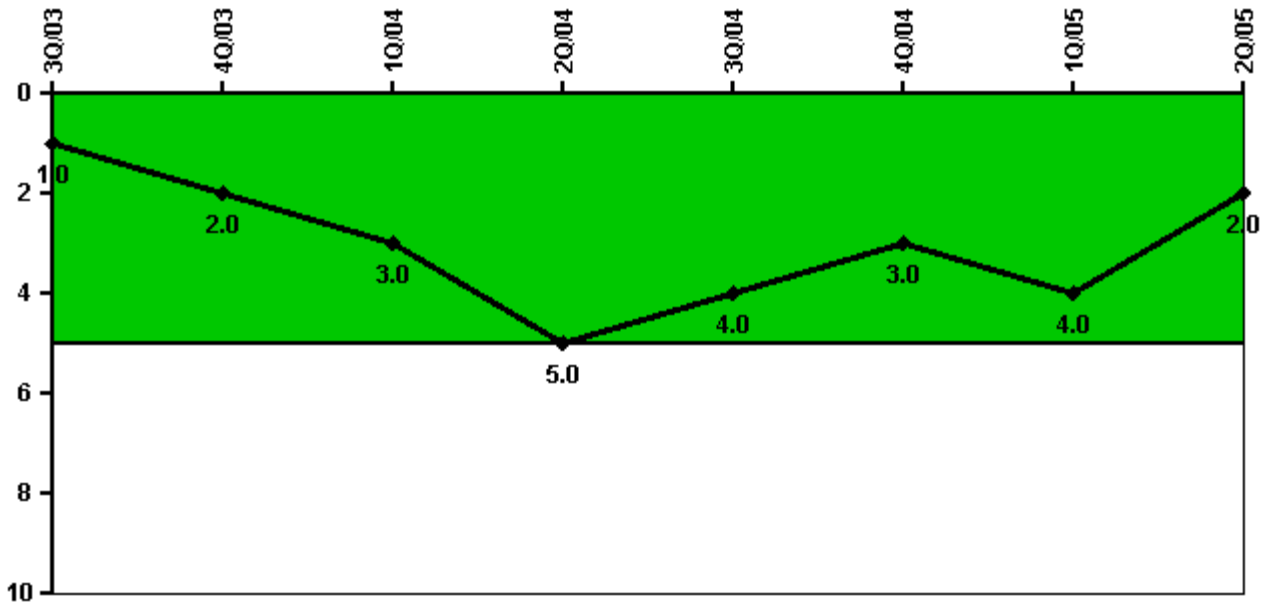
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

**Notes**

| Safety System Unavailability, Residual Heat Removal System | 3Q/03       | 4Q/03       | 1Q/04       | 2Q/04       | 3Q/04       | 4Q/04       | 1Q/05       | 2Q/05       |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                  | 6.50        | 0           | 13.70       | 0           | 0           | 0           | 4.95        | 0           |
| Unplanned unavailable hours                                | 10.40       | 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     |
| <b>Train 2</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                  | 1.20        | 0           | 0.10        | 0           | 35.00       | 0           | 7.57        | 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     |
| <b>Indicator value</b>                                     | <b>0.3%</b> | <b>0.3%</b> | <b>0.3%</b> | <b>0.3%</b> | <b>0.3%</b> | <b>0.3%</b> | <b>0.3%</b> | <b>0.3%</b> |

Licensee Comments: none

### Safety System Functional Failures (PWR)



Thresholds: White > 5.0

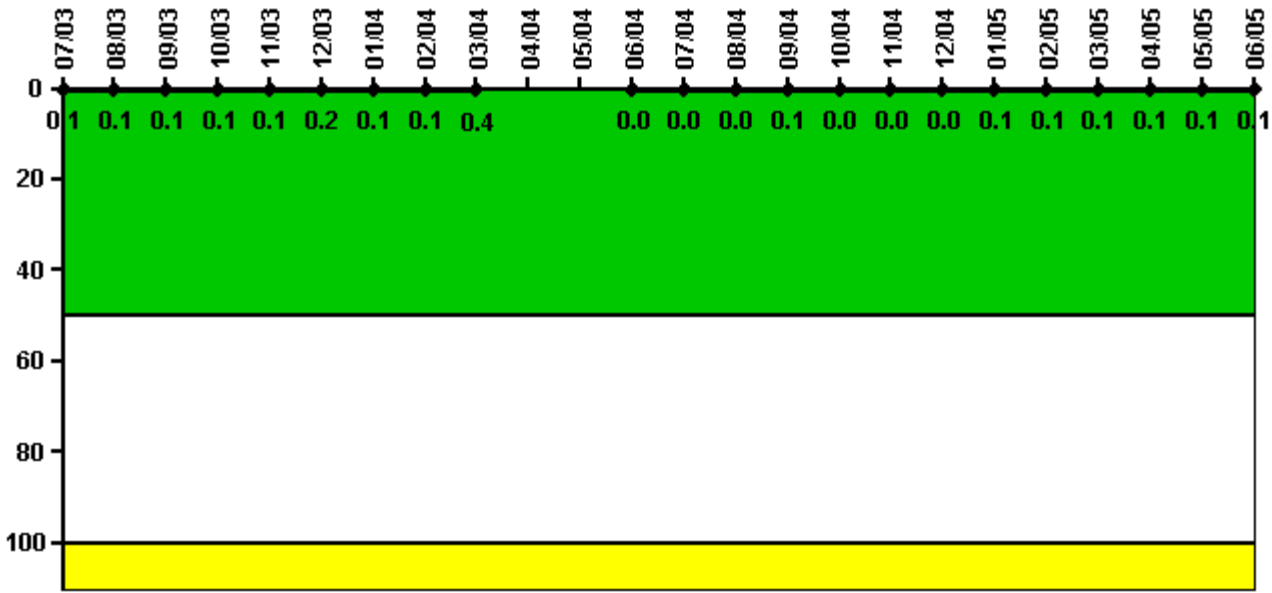
#### Notes

| Safety System Functional Failures (PWR) | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures       | 1     | 1     | 1     | 2     | 0     | 0     | 2     | 0     |
| Indicator value                         | 1     | 2     | 3     | 5     | 4     | 3     | 4     | 2     |

Licensee Comments: none



### Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

#### Notes

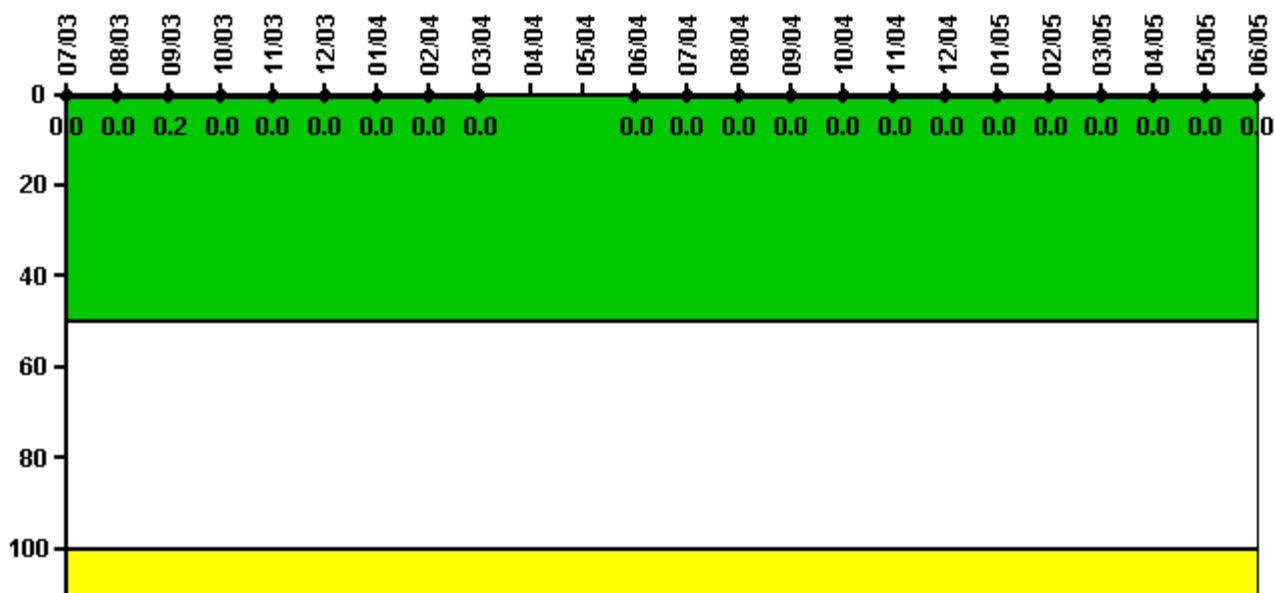
| Reactor Coolant System Activity | 7/03     | 8/03     | 9/03     | 10/03    | 11/03    | 12/03    | 1/04     | 2/04     | 3/04     | 4/04 | 5/04 | 6/04     |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|------|------|----------|
| Maximum activity                | 0.000925 | 0.000944 | 0.000959 | 0.000986 | 0.000946 | 0.001580 | 0.000990 | 0.001000 | 0.004100 | N/A  | N/A  | 0.000362 |
| 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      | 0.1      | 0.1      | 0.2      | 0.1      | 0.1      | 0.4      | N/A  | N/A  | 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                | 0.000392 | 0.000418 | 0.001233 | 0.000466 | 0.000474 | 0.000446 | 0.000532 | 0.000503 | 0.000620 | 0.000630 | 0.000652 | 0.000647 |
| 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        | 0        | 0.1      | 0        | 0        | 0        | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      |

Licensee Comments: none

### Reactor Coolant System Leakage



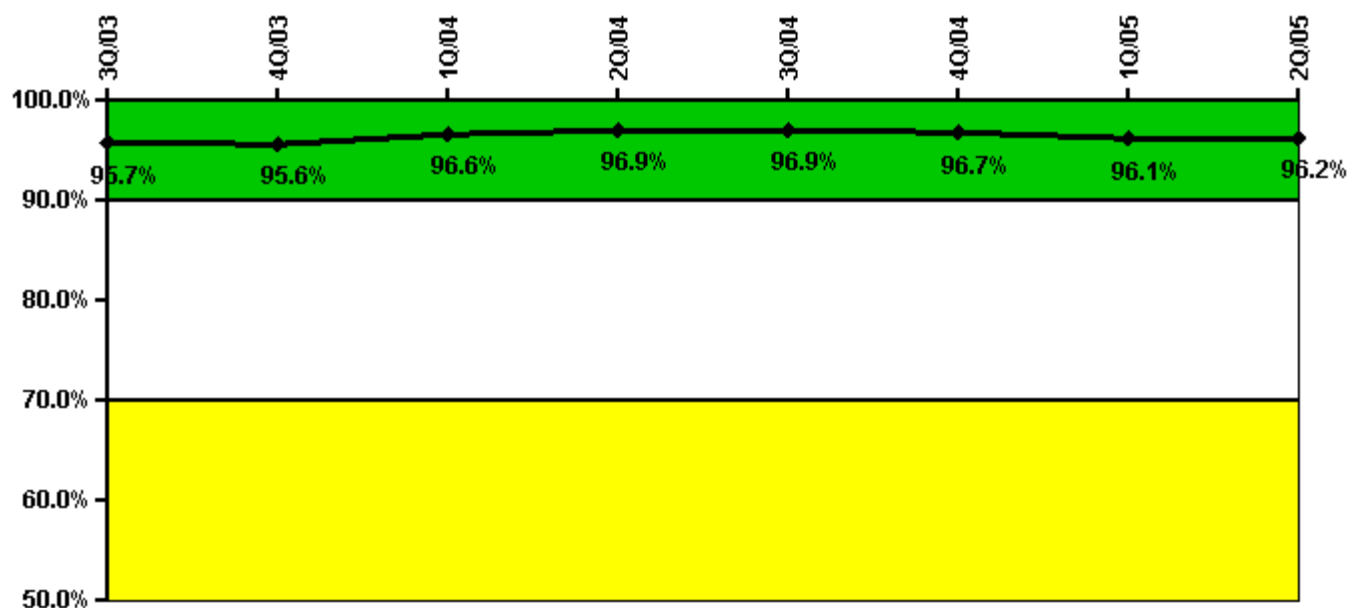
Thresholds: White > 50.0 Yellow > 100.0

#### Notes

| Reactor Coolant System Leakage | 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    | 0    | 0.024 | 0     | 0     | 0     | 0    | 0    | 0    | N/A  | N/A  | 0    |
| 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    | 0    | 0.2   | 0     | 0     | 0     | 0    | 0    | 0    | N/A  | N/A  | 0    |
| 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                | 0    | 0    | 0     | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    |
| 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    | 0    | 0     | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    |

Licensee Comments: none

### Drill/Exercise Performance



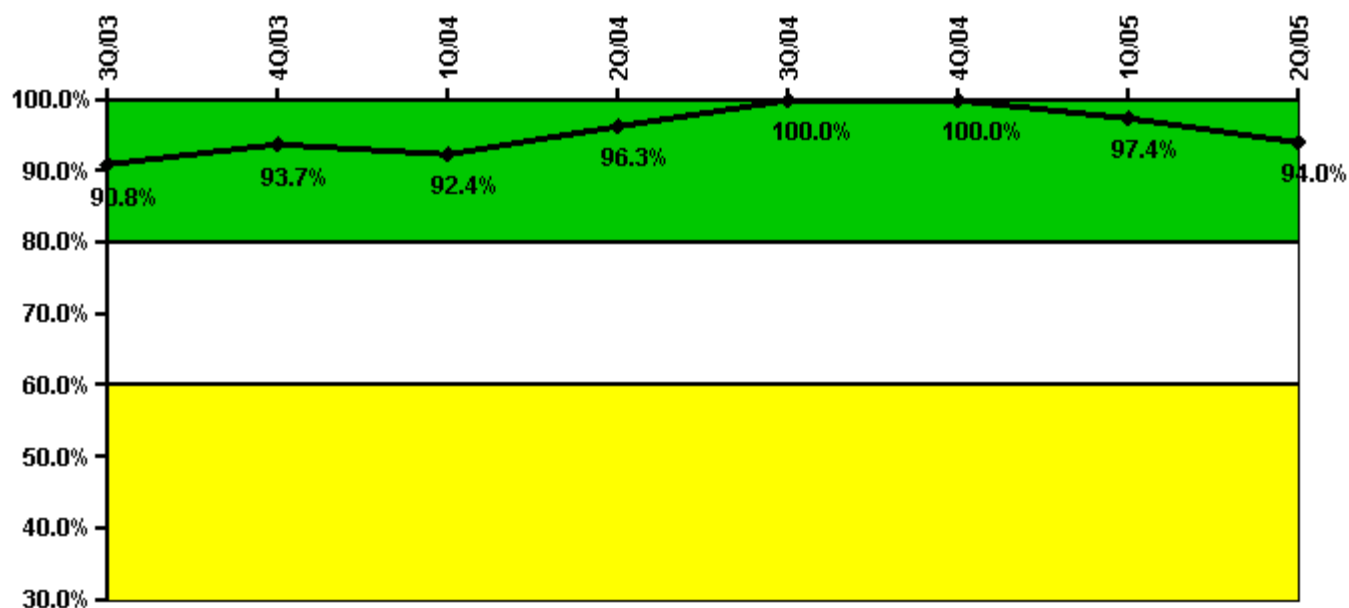
Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

| Drill/Exercise Performance | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities   | 18.0  | 106.0 | 24.0  | 10.0  | 16.0  | 101.0 | 19.0  | 7.0   |
| Total opportunities        | 18.0  | 109.0 | 24.0  | 10.0  | 16.0  | 108.0 | 20.0  | 8.0   |
| Indicator value            | 95.7% | 95.6% | 96.6% | 96.9% | 96.9% | 96.7% | 96.1% | 96.2% |

Licensee Comments: none

### ERO Drill Participation



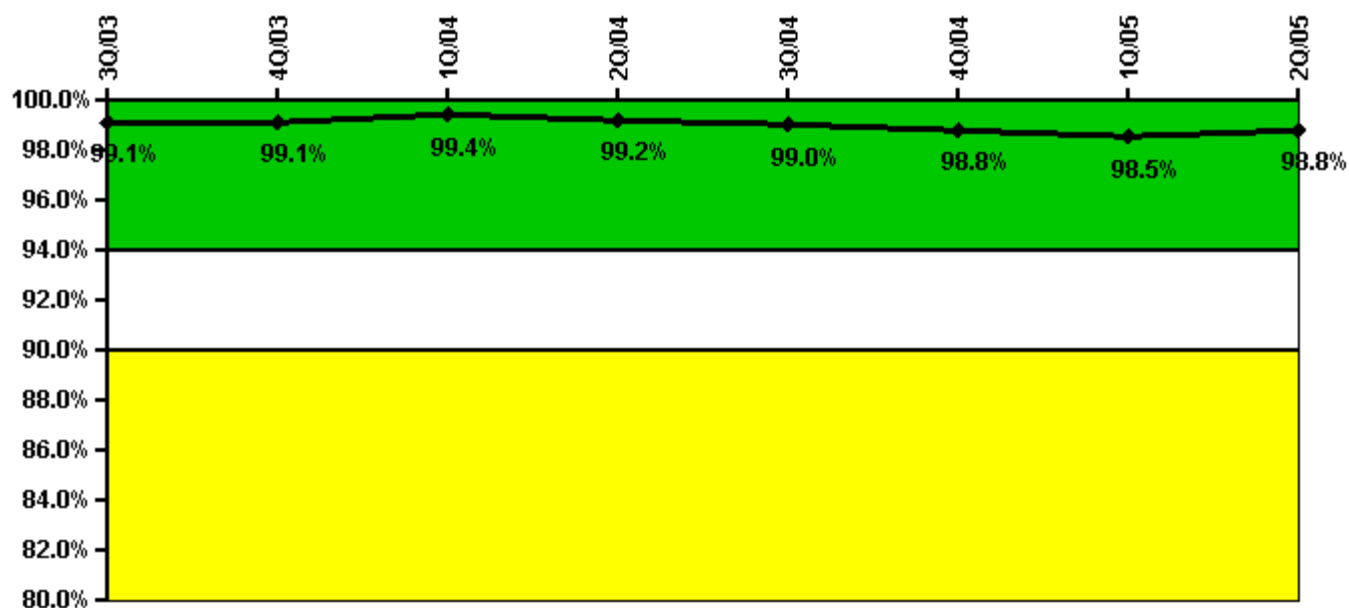
Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

| ERO Drill Participation     | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04  | 4Q/04  | 1Q/05 | 2Q/05 |
|-----------------------------|-------|-------|-------|-------|--------|--------|-------|-------|
| Participating Key personnel | 69.0  | 74.0  | 73.0  | 79.0  | 82.0   | 82.0   | 112.0 | 110.0 |
| Total Key personnel         | 76.0  | 79.0  | 79.0  | 82.0  | 82.0   | 82.0   | 115.0 | 117.0 |
| Indicator value             | 90.8% | 93.7% | 92.4% | 96.3% | 100.0% | 100.0% | 97.4% | 94.0% |

Licensee Comments: none

### Alert & Notification System



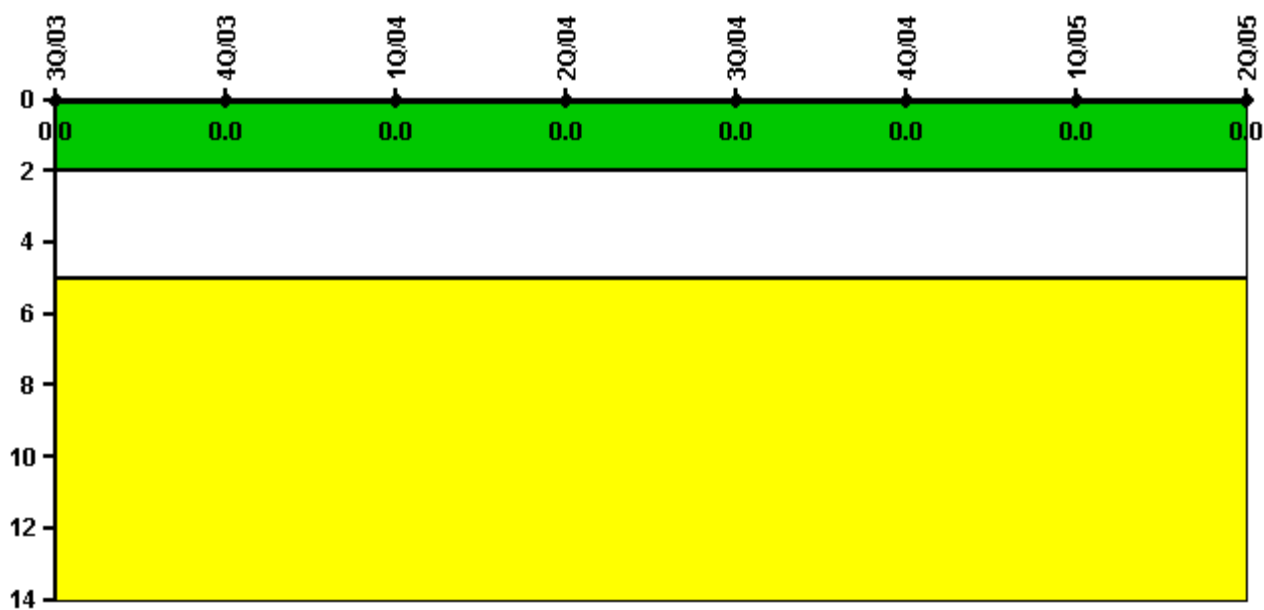
Thresholds: White < 94.0% Yellow < 90.0%

#### Notes

| Alert & Notification System | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests      | 496   | 491   | 496   | 490   | 492   | 487   | 490   | 496   |
| Total sirens-tests          | 497   | 497   | 497   | 497   | 497   | 497   | 497   | 497   |
| Indicator value             | 99.1% | 99.1% | 99.4% | 99.2% | 99.0% | 98.8% | 98.5% | 98.8% |

Licensee Comments: none

### Occupational Exposure Control Effectiveness



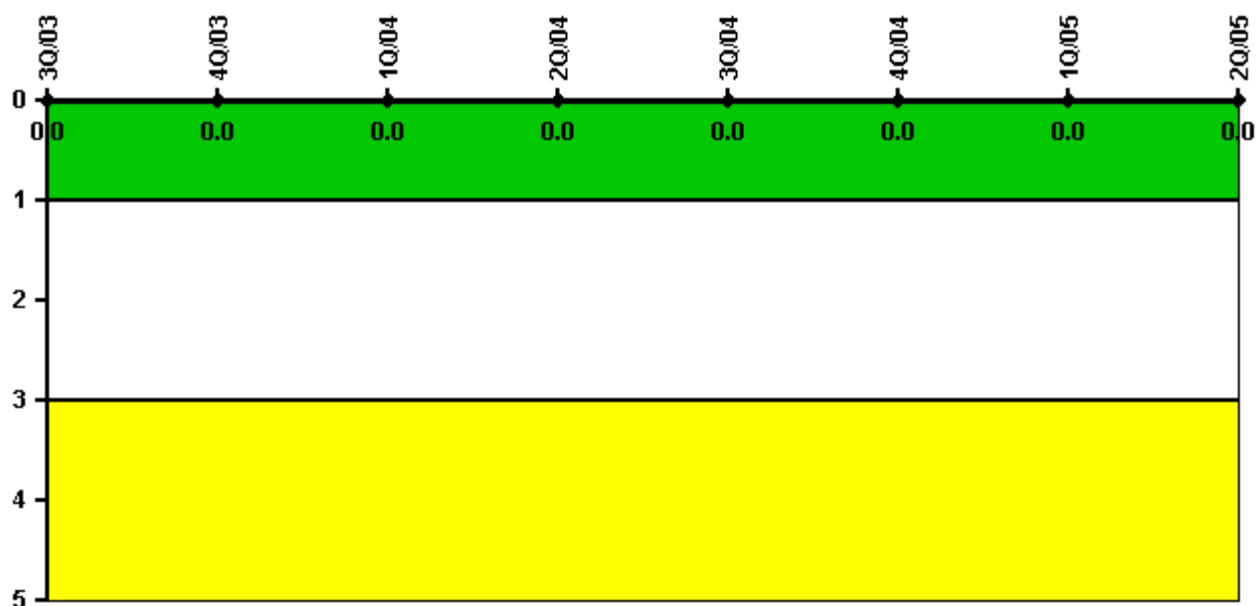
Thresholds: White > 2.0 Yellow > 5.0

**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        |
| <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 | 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.

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

Last Modified: August 3, 2005