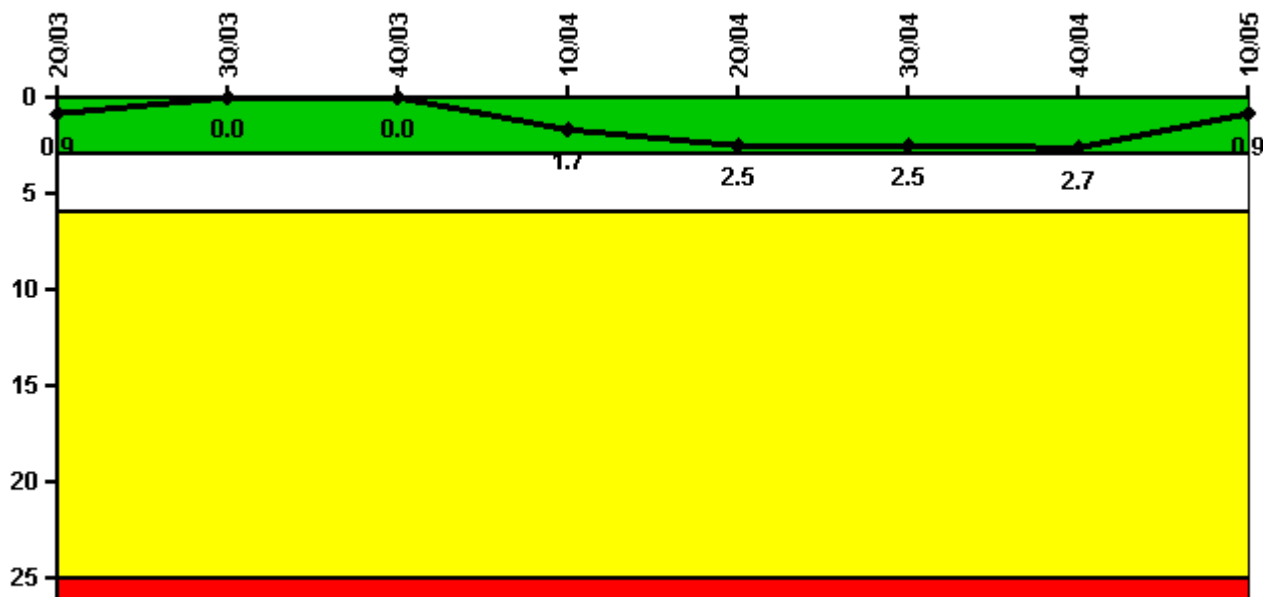


# Dresden 3

## 1Q/2005 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



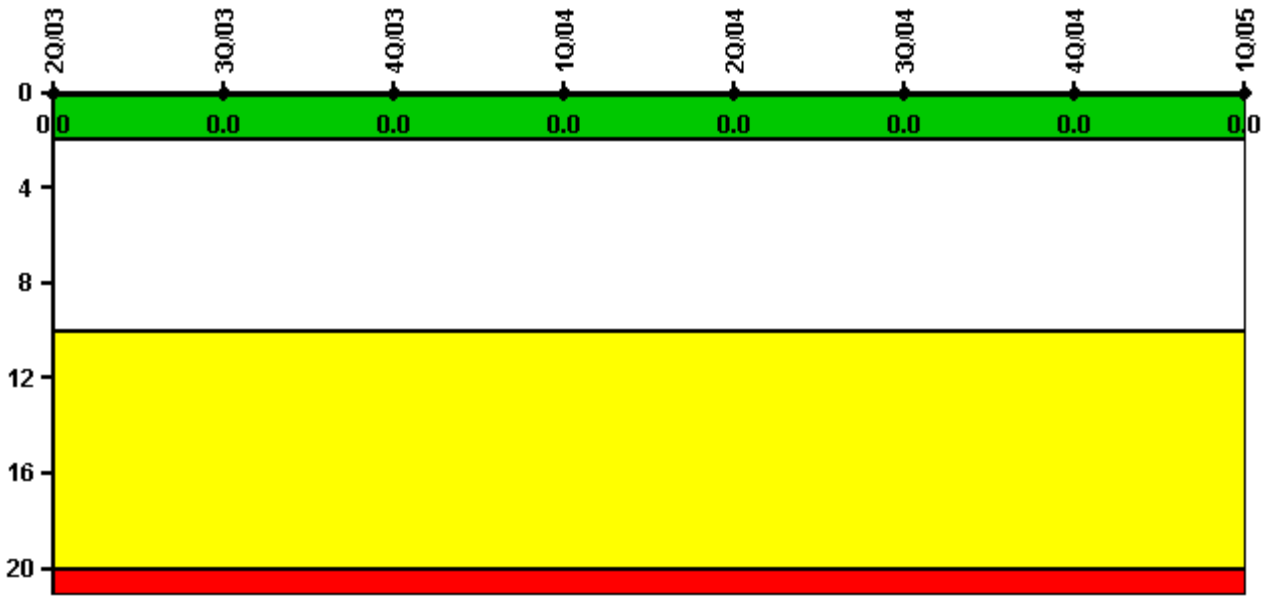
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

| Unplanned Scrams per 7000 Critical Hrs | 2Q/03  | 3Q/03  | 4Q/03  | 1Q/04  | 2Q/04  | 3Q/04  | 4Q/04  | 1Q/05  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 0      | 0      | 2.0    | 1.0    | 0      | 0      | 0      |
| Critical hours                         | 2053.4 | 2208.0 | 1876.5 | 2109.4 | 2090.9 | 2208.0 | 1237.5 | 2160.0 |
| Indicator value                        | 0.9    | 0      | 0      | 1.7    | 2.5    | 2.5    | 2.7    | 0.9    |

Licensee Comments: none

### Scrams with Loss of Normal Heat Removal



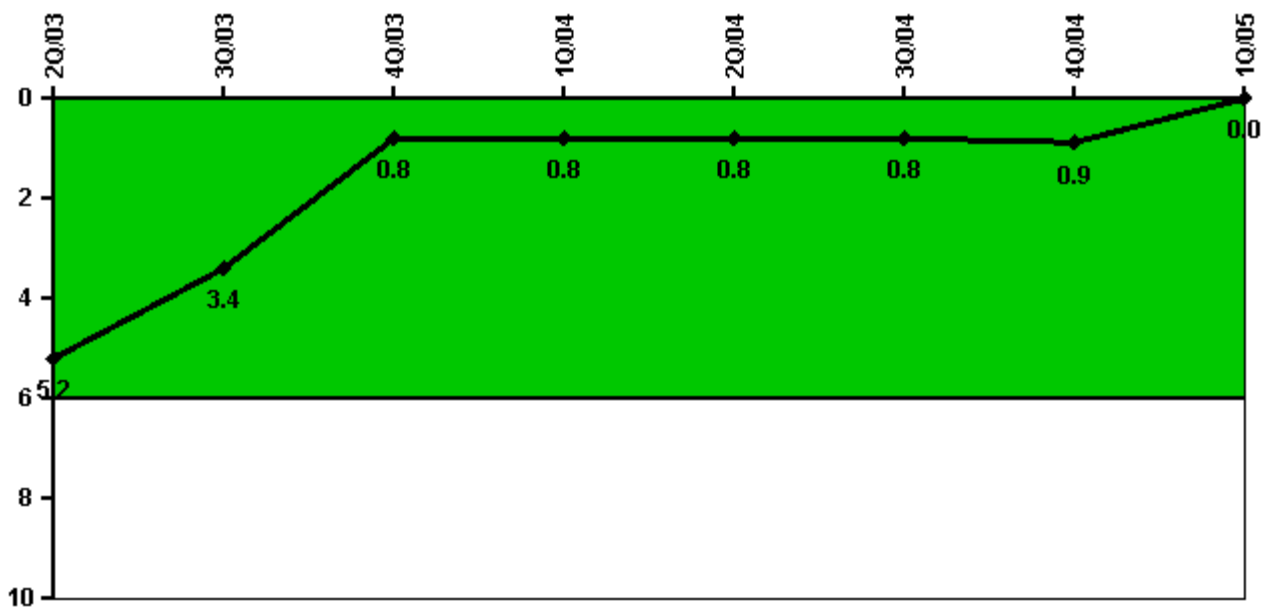
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

#### Notes

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



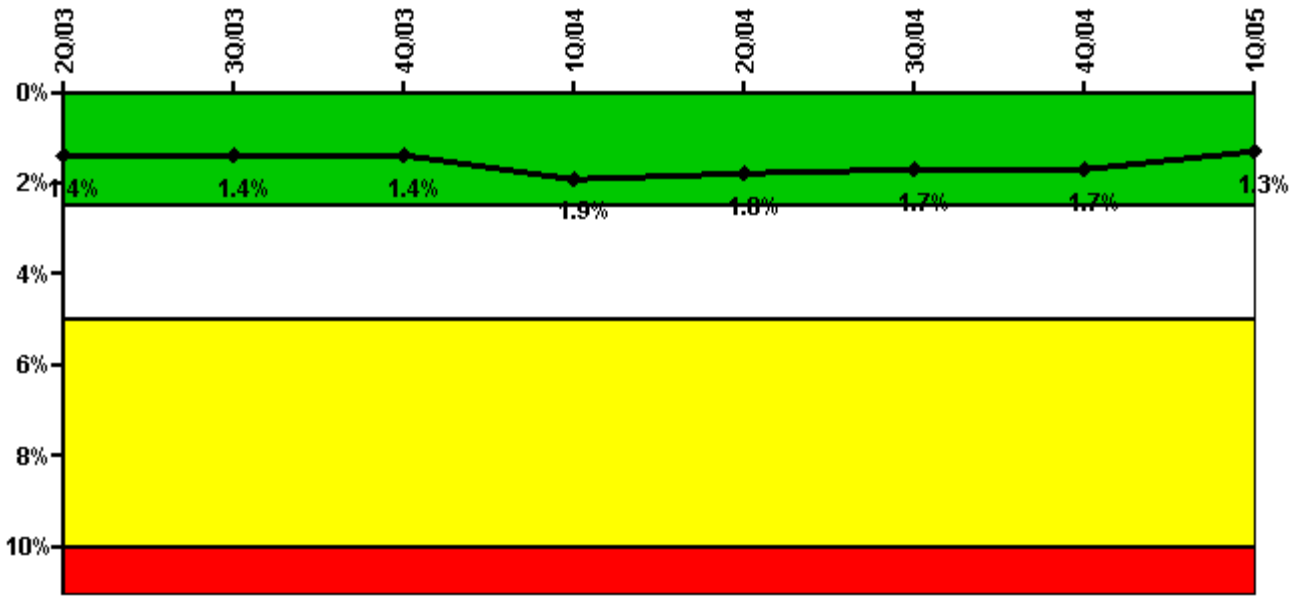
Thresholds: White > 6.0

#### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 2Q/03      | 3Q/03      | 4Q/03      | 1Q/04      | 2Q/04      | 3Q/04      | 4Q/04      | 1Q/05    |
|---|------------|------------|------------|------------|------------|------------|------------|----------|
| Unplanned power changes                       | 0          | 0          | 0          | 1.0        | 0          | 0          | 0          | 0        |
| Critical hours                                | 2053.4     | 2208.0     | 1876.5     | 2109.4     | 2090.9     | 2208.0     | 1237.5     | 2160.0   |
| <b>Indicator value</b>                        | <b>5.2</b> | <b>3.4</b> | <b>0.8</b> | <b>0.8</b> | <b>0.8</b> | <b>0.8</b> | <b>0.9</b> | <b>0</b> |

Licensee Comments: none

### Safety System Unavailability, Emergency AC Power



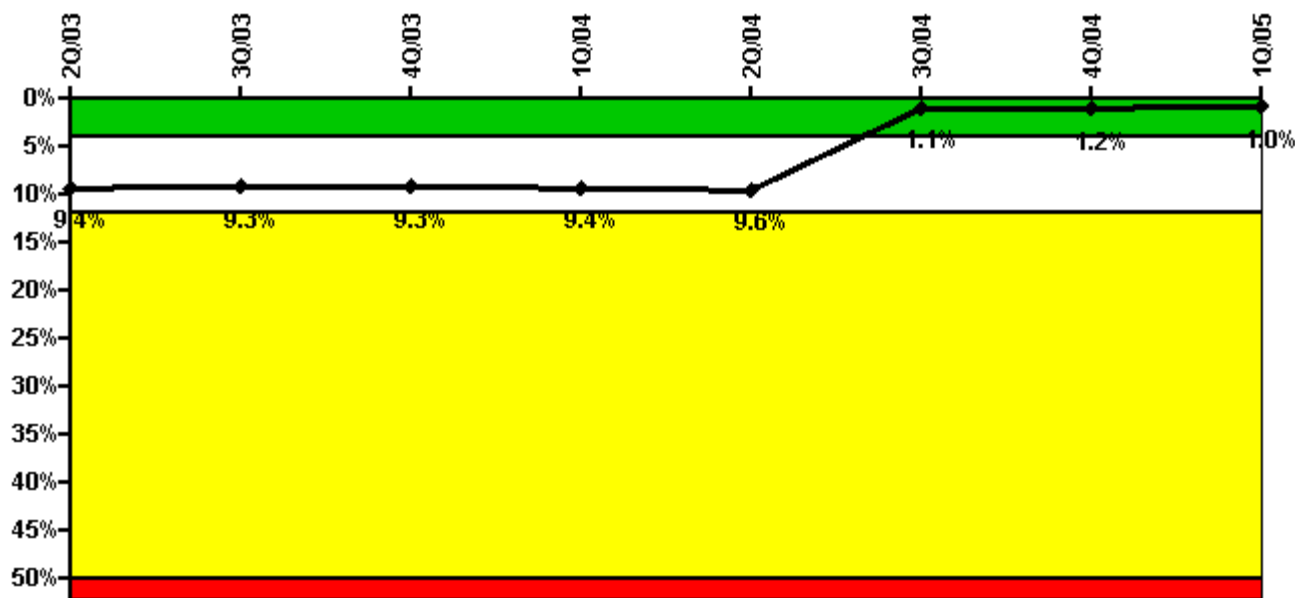
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

#### Notes

| Safety System Unavailability, Emergency AC Power | 2Q/03       | 3Q/03       | 4Q/03       | 1Q/04       | 2Q/04       | 3Q/04       | 4Q/04       | 1Q/05       |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>                                   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                        | 7.17        | 32.88       | 8.22        | 118.52      | 11.20       | 9.08        | 5.58        | 10.77       |
| Unplanned unavailable hours                      | 0           | 0           | 0           | 99.45       | 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     | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     |
| <b>Train 2</b>                                   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                        | 31.22       | 38.02       | 29.15       | 96.19       | 8.36        | 9.43        | 5.98        | 7.35        |
| Unplanned unavailable hours                      | 0           | 0           | 0           | 3.10        | 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     | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     |
| <b>Indicator value</b>                           | <b>1.4%</b> | <b>1.4%</b> | <b>1.4%</b> | <b>1.9%</b> | <b>1.8%</b> | <b>1.7%</b> | <b>1.7%</b> | <b>1.3%</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) | 2Q/03       | 3Q/03       | 4Q/03       | 1Q/04       | 2Q/04       | 3Q/04       | 4Q/04       | 1Q/05       |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours   | 0.65        | 0           | 0           | 77.00       | 48.62       | 0           | 0           | 37.52       |
| Unplanned unavailable hours   | 0.73        | 3.47        | 0           | 0.52        | 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  | 2053.42     | 2208.00     | 1876.45     | 2109.34     | 2090.93     | 2208.00     | 1237.48     | 2160.00     |
| <b>Indicator value</b>  | <b>9.4%</b> | <b>9.3%</b> | <b>9.3%</b> | <b>9.4%</b> | <b>9.6%</b> | <b>1.1%</b> | <b>1.2%</b> | <b>1.0%</b> |

Licensee Comments: none

## Safety System Unavailability, Heat Removal System

**Thresholds  
under  
development /  
review**

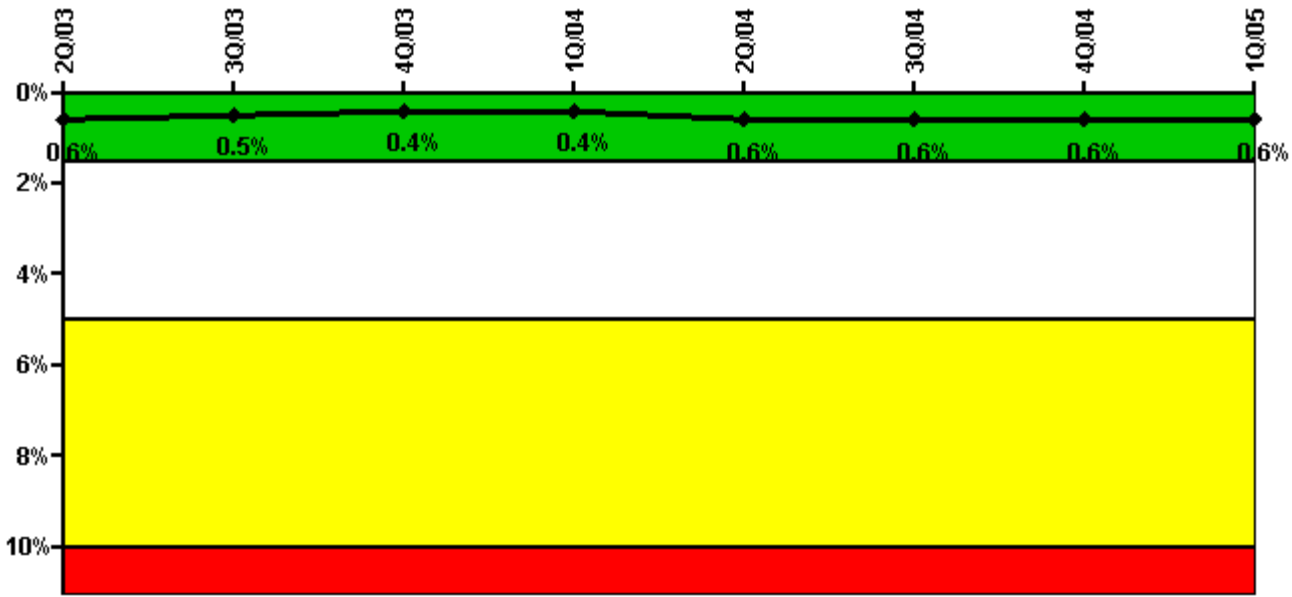
### Notes

| Safety System Unavailability, Heat Removal System | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>Train 1</b>                                    |       |       |       |       |       |       |       |       |
| Planned unavailable hours                         |       |       |       |       |       |       |       |       |
| Unplanned unavailable hours                       |       |       |       |       |       |       |       |       |
| Fault exposure hours                              |       |       |       |       |       |       |       |       |
| Effective Reset hours                             | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Required hours                                    |       |       |       |       |       |       |       |       |
|   |       |       |       |       |       |       |       |       |
| <b>Indicator value</b>                            |       |       |       |       |       |       |       |       |

Licensee Comments: none

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### Safety System Unavailability, Residual Heat Removal System



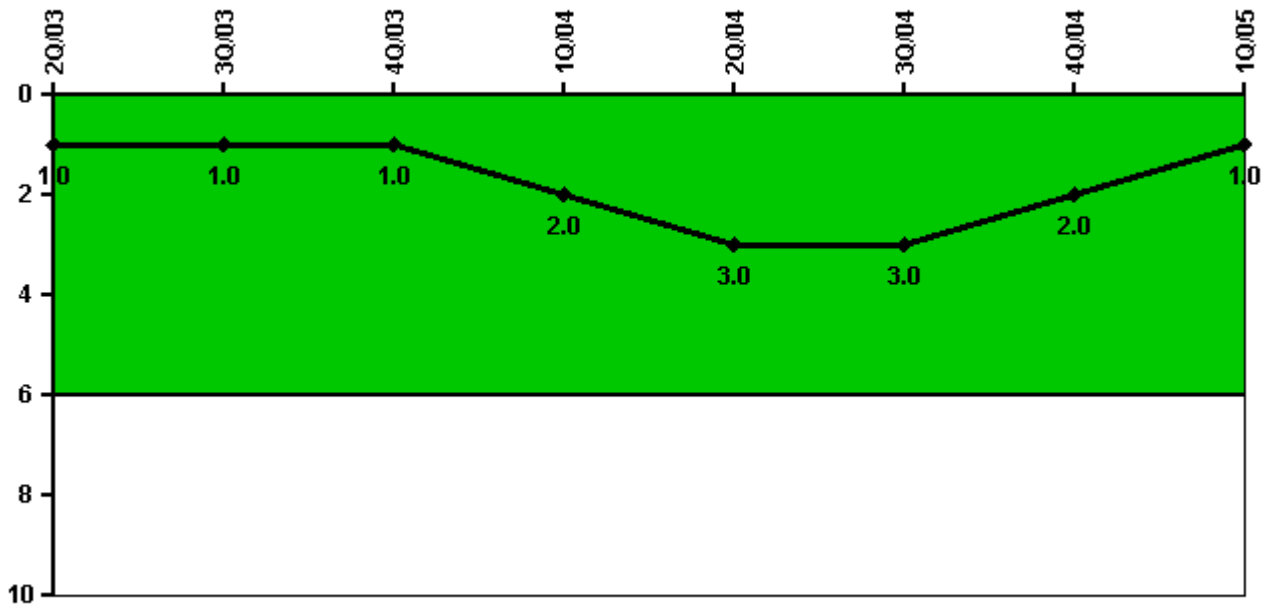
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

#### Notes

| Safety System Unavailability, Residual Heat Removal System | 2Q/03       | 3Q/03       | 4Q/03       | 1Q/04       | 2Q/04       | 3Q/04       | 4Q/04       | 1Q/05       |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                  | 0           | 0           | 8.42        | 0           | 130.90      | 0           | 0           | 20.87       |
| 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   | 2053.42     | 2208.00     | 2209.00     | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     |
| <b>Train 2</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                  | 16.27       | 0           | 21.92       | 6.17        | 108.20      | 0           | 0           | 25.77       |
| 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   | 2053.42     | 2208.00     | 2209.00     | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     |
| <b>Train 3</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                  | 0           | 0           | 0           | 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   | 2183.00     | 2208.00     | 2209.00     | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     |
| <b>Train 4</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                  | 0           | 0           | 0           | 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   | 2183.00     | 2208.00     | 2209.00     | 2184.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     |
| <b>Indicator value</b>                                     | <b>0.6%</b> | <b>0.5%</b> | <b>0.4%</b> | <b>0.4%</b> | <b>0.6%</b> | <b>0.6%</b> | <b>0.6%</b> | <b>0.6%</b> |

Licensee Comments: none

### Safety System Functional Failures (BWR)



Thresholds: White > 6.0

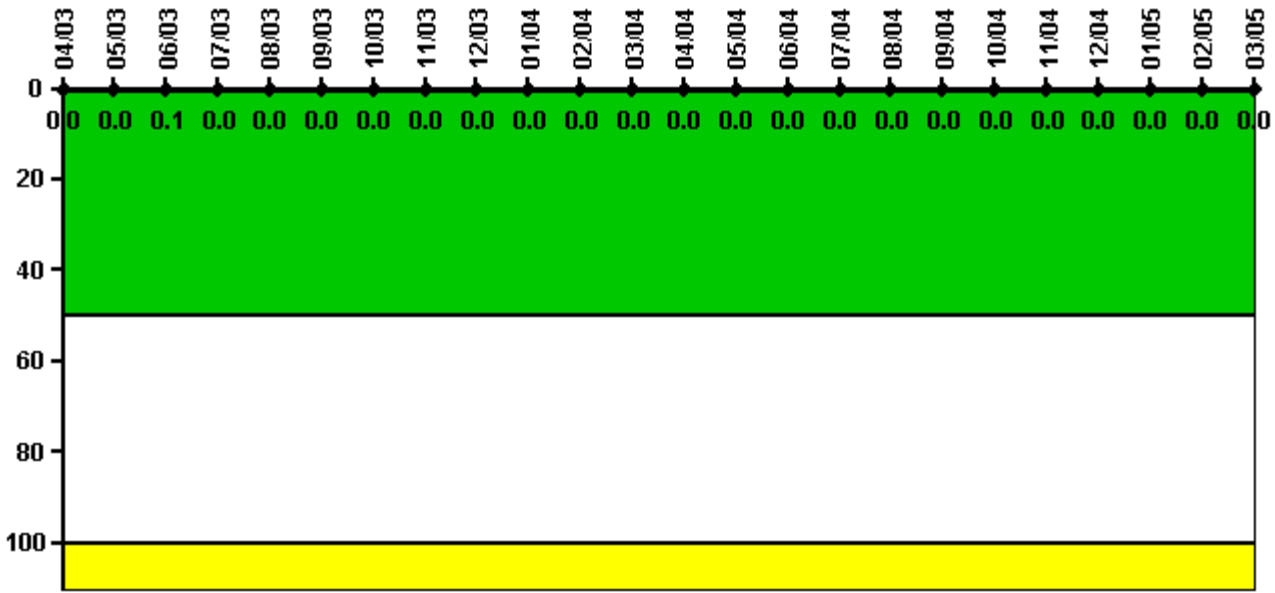
#### Notes

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

Licensee Comments: none



### Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

#### Notes

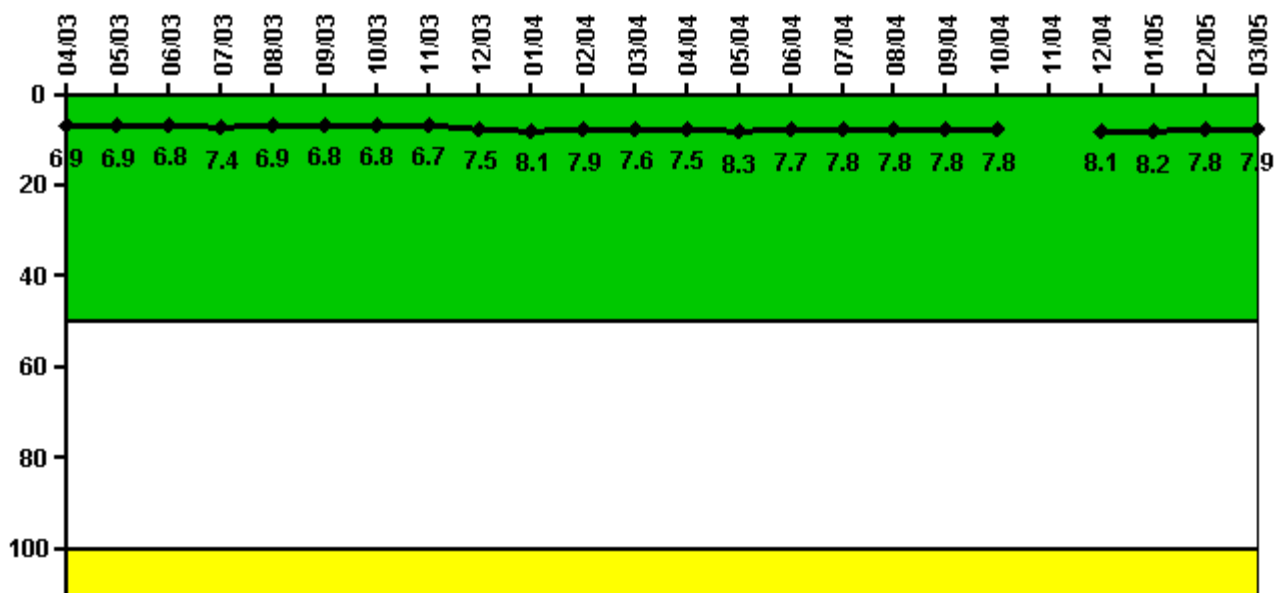
| Reactor Coolant System Activity | 4/03     | 5/03     | 6/03     | 7/03     | 8/03     | 9/03     | 10/03    | 11/03    | 12/03    | 1/04     | 2/04     | 3/04     |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity                | 0.000098 | 0.000011 | 0.000113 | 0.000093 | 0.000012 | 0.000011 | 0.000022 | 0.000059 | 0.000063 | 0.000066 | 0.000075 | 0.000034 |
| 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        | 0.1      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

| 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                | 0.000013 | 0.000033 | 0.000064 | 0.000011 | 0.000043 | 0.000006 | 0.000008 | 0     | 0.000033 | 0.000007 | 0.000015 | 0.000004 |
| 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



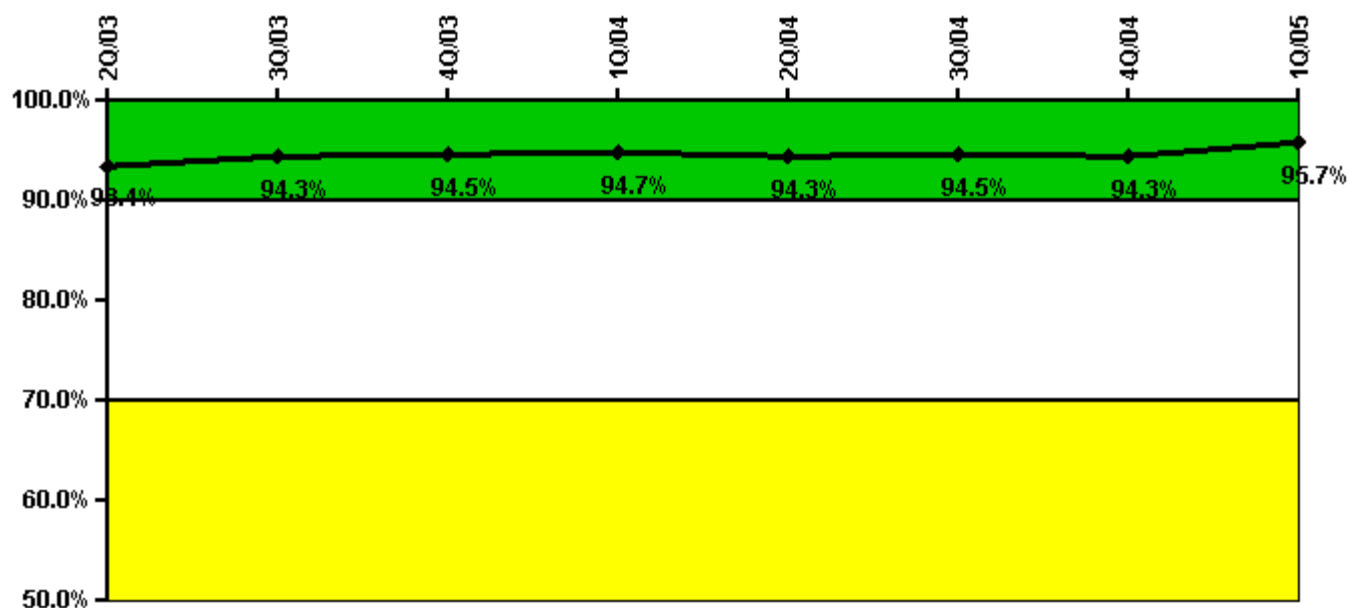
Thresholds: White > 50.0 Yellow > 100.0

#### Notes

| Reactor Coolant System Leakage | 4/03  | 5/03  | 6/03  | 7/03  | 8/03  | 9/03  | 10/03 | 11/03 | 12/03 | 1/04  | 2/04  | 3/04  |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage                | 1.717 | 1.730 | 1.702 | 1.840 | 1.725 | 1.700 | 1.708 | 1.682 | 1.880 | 2.032 | 1.982 | 1.907 |
| 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                | 6.9   | 6.9   | 6.8   | 7.4   | 6.9   | 6.8   | 6.8   | 6.7   | 7.5   | 8.1   | 7.9   | 7.6   |
| 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                | 1.885 | 2.075 | 1.928 | 1.945 | 1.955 | 1.945 | 1.957 | N/A   | 2.027 | 2.038 | 1.945 | 1.977 |
| 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                | 7.5   | 8.3   | 7.7   | 7.8   | 7.8   | 7.8   | 7.8   | N/A   | 8.1   | 8.2   | 7.8   | 7.9   |

Licensee Comments: none

### Drill/Exercise Performance



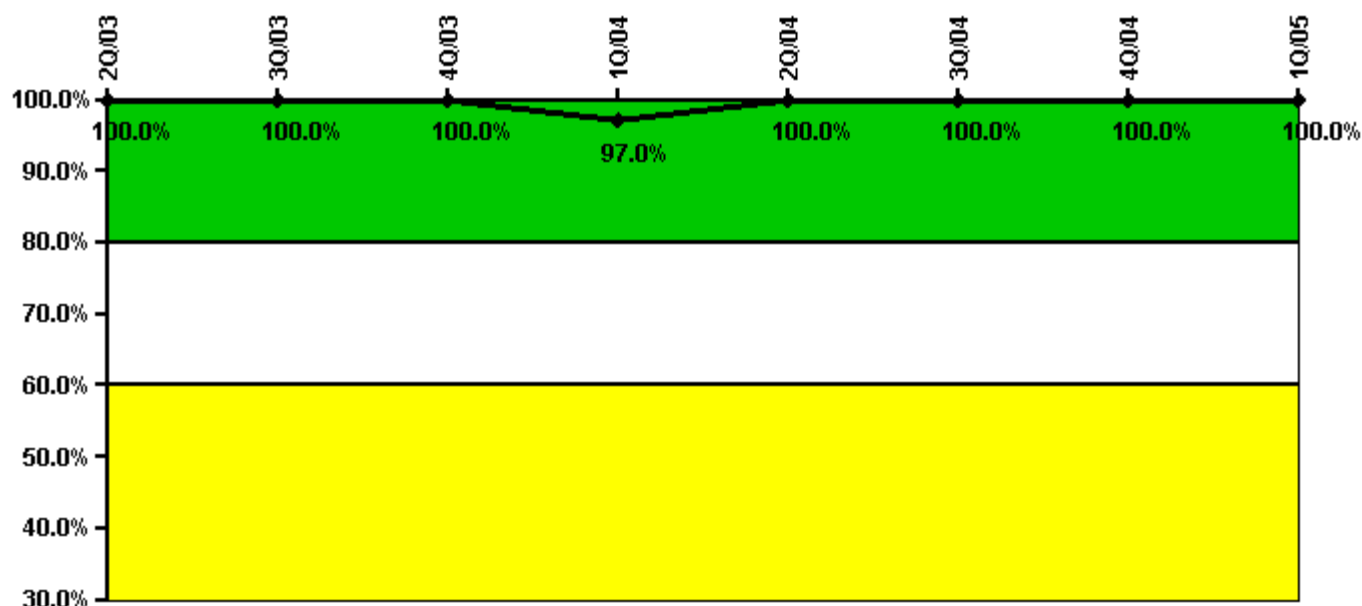
Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

| Drill/Exercise Performance | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities   | 56.0  | 56.0  | 0     | 22.0  | 32.0  | 10.0  | 29.0  | 61.0  |
| Total opportunities        | 62.0  | 58.0  | 0     | 22.0  | 34.0  | 10.0  | 30.0  | 62.0  |
| Indicator value            | 93.4% | 94.3% | 94.5% | 94.7% | 94.3% | 94.5% | 94.3% | 95.7% |

Licensee Comments: none

### ERO Drill Participation



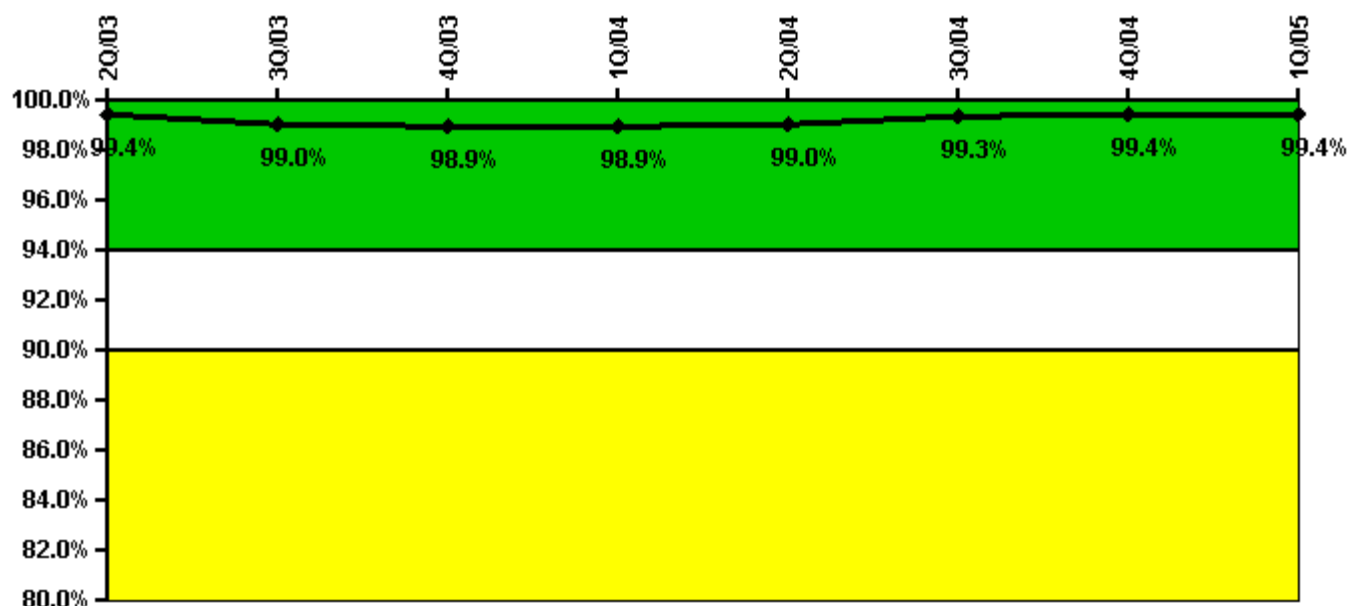
Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

| ERO Drill Participation     | 2Q/03  | 3Q/03  | 4Q/03  | 1Q/04 | 2Q/04  | 3Q/04  | 4Q/04  | 1Q/05  |
|-----------------------------|--------|--------|--------|-------|--------|--------|--------|--------|
| Participating Key personnel | 50.0   | 50.0   | 49.0   | 64.0  | 60.0   | 62.0   | 59.0   | 60.0   |
| Total Key personnel         | 50.0   | 50.0   | 49.0   | 66.0  | 60.0   | 62.0   | 59.0   | 60.0   |
| Indicator value             | 100.0% | 100.0% | 100.0% | 97.0% | 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 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests      | 4974  | 4897  | 4964  | 4974  | 4943  | 5005  | 5045  | 4983  |
| Total sirens-tests          | 5056  | 4994  | 4992  | 4992  | 4992  | 5055  | 5057  | 4992  |
| Indicator value             | 99.4% | 99.0% | 98.9% | 98.9% | 99.0% | 99.3% | 99.4% | 99.4% |

Licensee Comments: none

### Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

#### Notes

| Occupational Exposure Control Effectiveness | 2Q/03    | 3Q/03    | 4Q/03    | 1Q/04    | 2Q/04    | 3Q/04    | 4Q/04    | 1Q/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 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/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: June 17, 2005