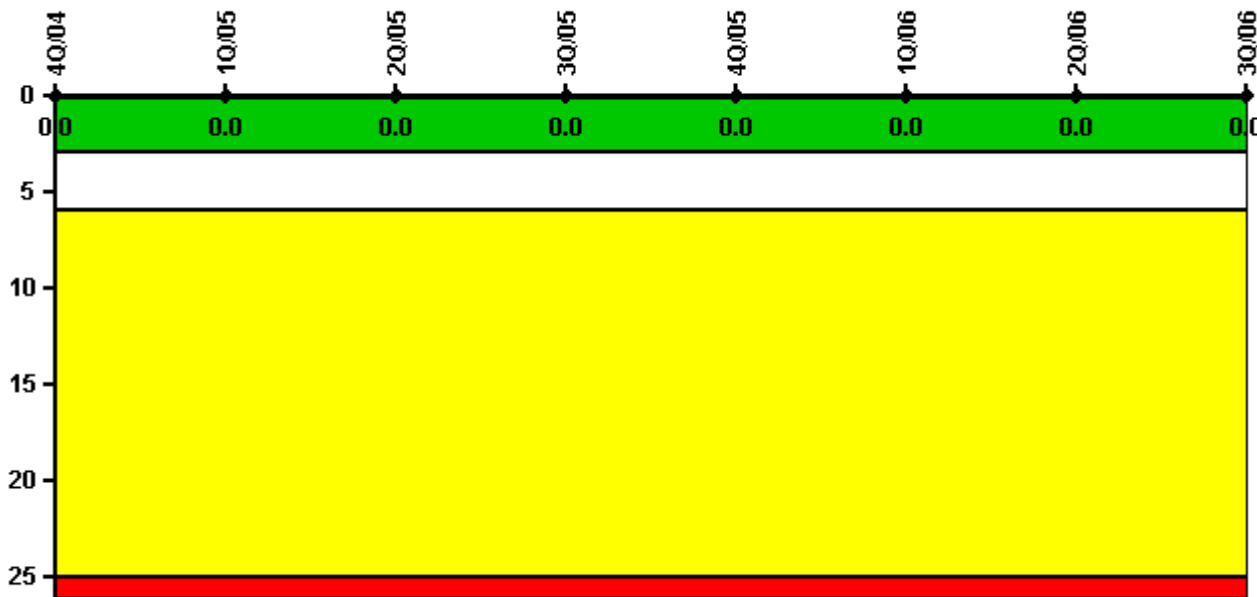


# Comanche Peak 2

## 3Q/2006 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



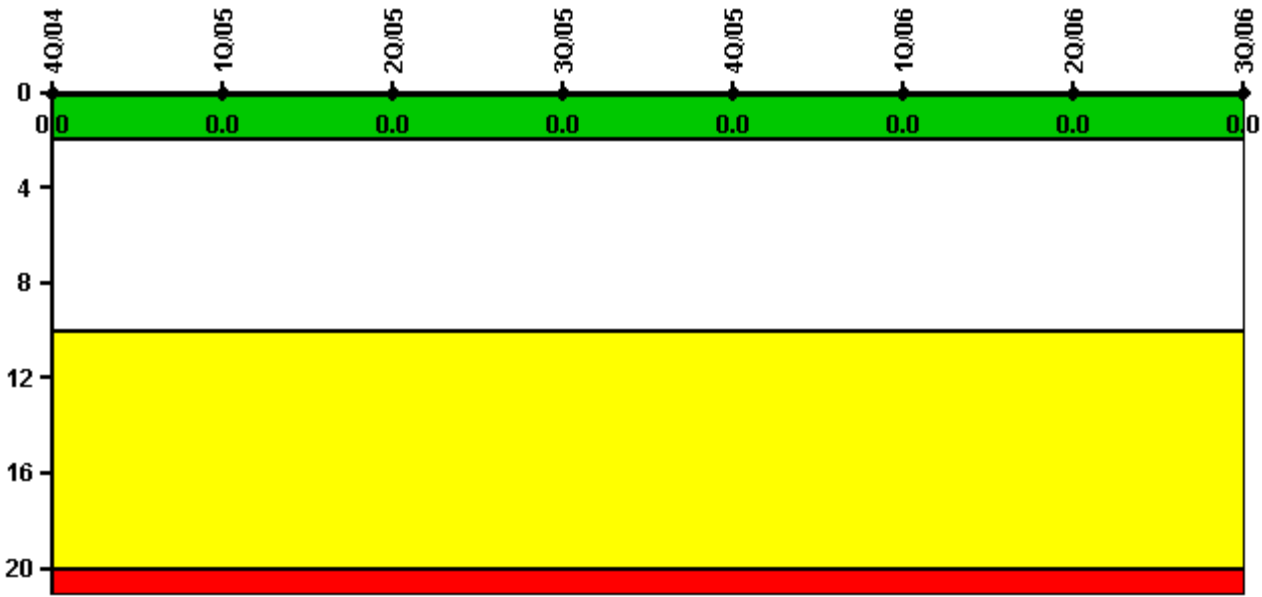
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

| Unplanned Scrams per 7000 Critical Hrs | 4Q/04  | 1Q/05  | 2Q/05  | 3Q/05  | 4Q/05  | 1Q/06  | 2Q/06  | 3Q/06  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Critical hours                         | 2209.0 | 2027.8 | 1555.1 | 2208.0 | 2209.0 | 2160.0 | 2183.0 | 2208.0 |
| Indicator value                        | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |

Licensee Comments: none

### Scrams with Loss of Normal Heat Removal



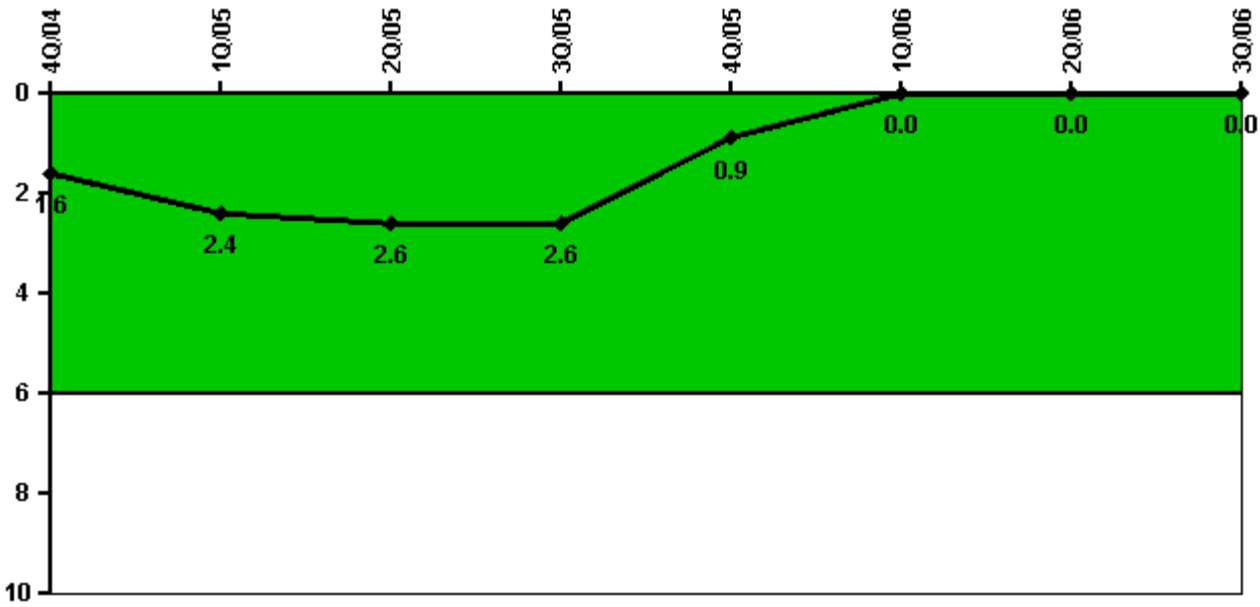
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

#### Notes

| Scrams with Loss of Normal Heat Removal | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/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



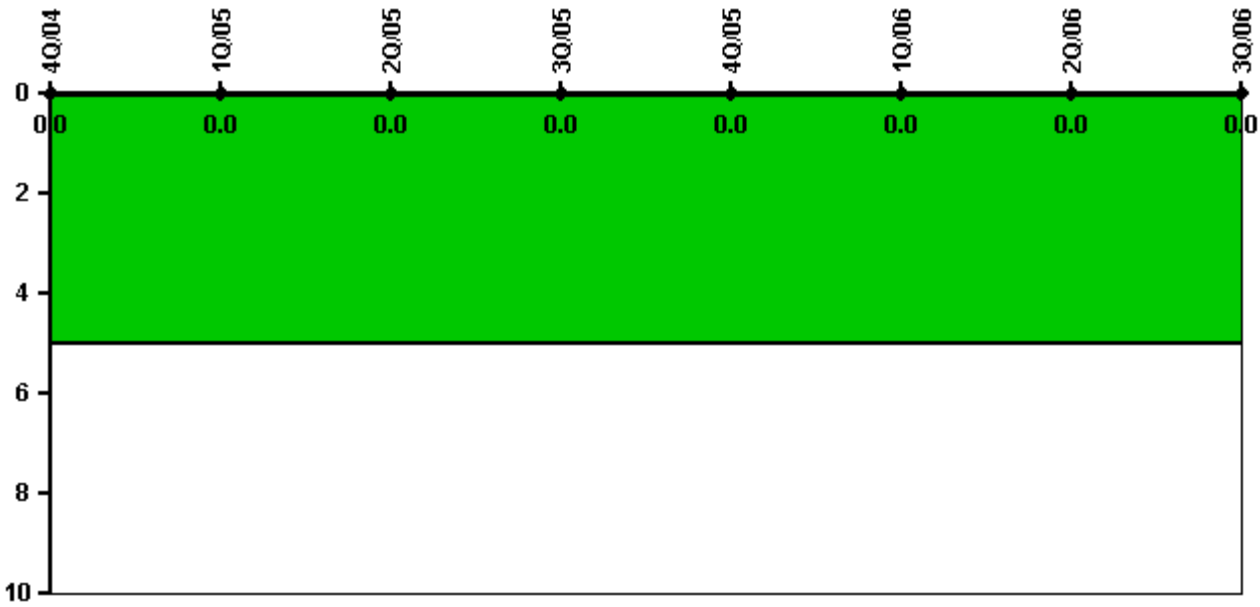
Thresholds: White > 6.0

#### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 4Q/04  | 1Q/05  | 2Q/05  | 3Q/05  | 4Q/05  | 1Q/06  | 2Q/06  | 3Q/06  |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes                       | 2.0    | 1.0    | 0      | 0      | 0      | 0      | 0      | 0      |
| Critical hours                                | 2209.0 | 2027.8 | 1555.1 | 2208.0 | 2209.0 | 2160.0 | 2183.0 | 2208.0 |
| Indicator value                               | 1.6    | 2.4    | 2.6    | 2.6    | 0.9    | 0      | 0      | 0      |

Licensee Comments: none

### Safety System Functional Failures (PWR)



Thresholds: White > 5.0

#### Notes

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

Licensee Comments: none

### Mitigating Systems Performance Index, Emergency AC Power System



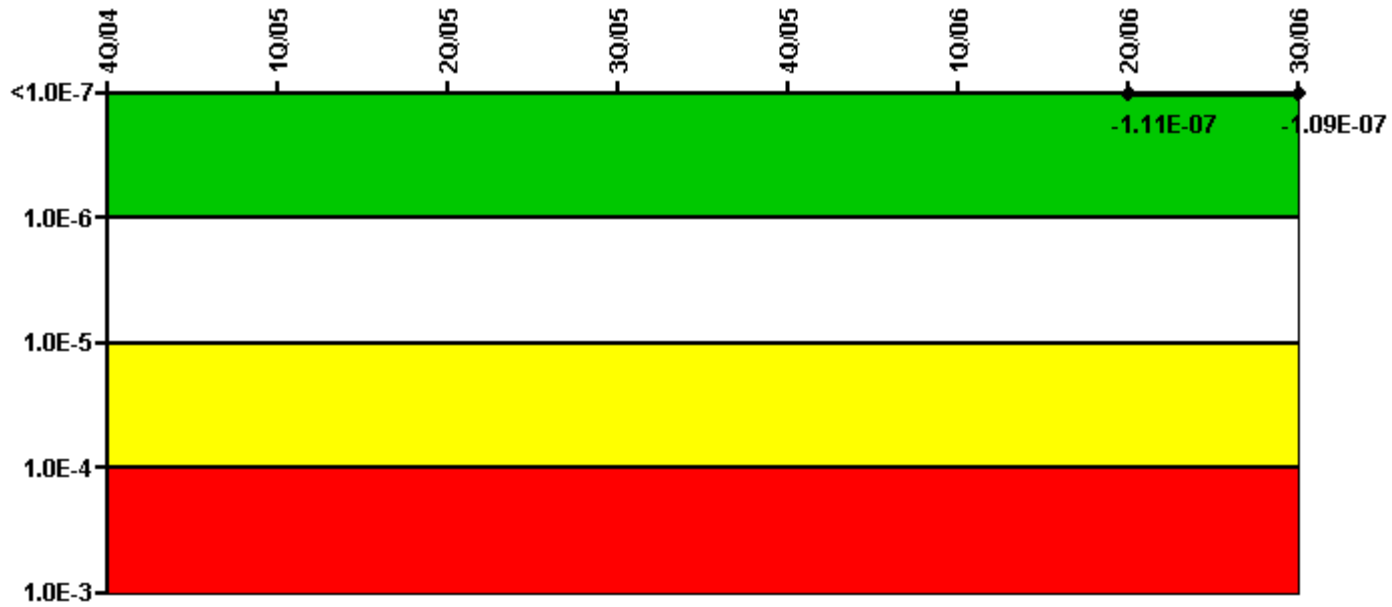
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

#### Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06     | 3Q/06     |
|---|-------|-------|-------|-------|-------|-------|-----------|-----------|
| UAI ( $\Delta$ CDF)   |       |       |       |       |       |       | -4.10E-07 | -4.10E-07 |
| URI ( $\Delta$ CDF)   |       |       |       |       |       |       | -1.20E-07 | -6.70E-08 |
| PLE   |       |       |       |       |       |       | NO        | NO        |
| Indicator value   |       |       |       |       |       |       | -5.30E-07 | -4.77E-07 |

Licensee Comments: none

### Mitigating Systems Performance Index, High Pressure Injection System



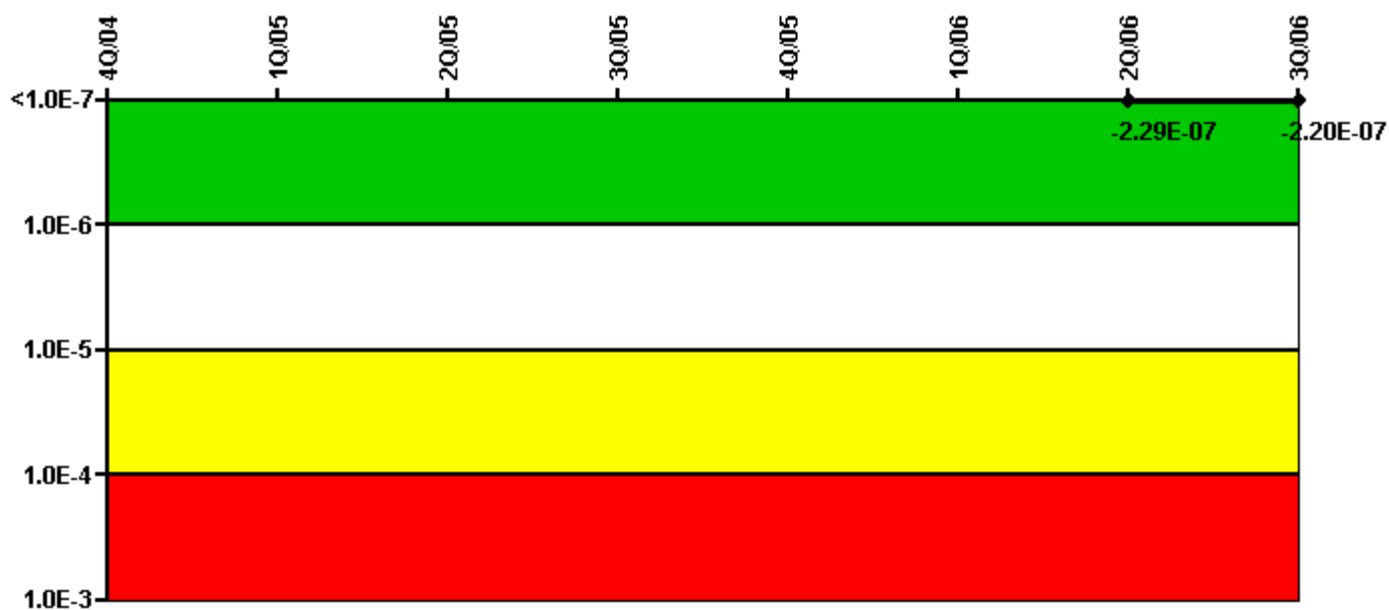
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

**Notes**

| Mitigating Systems Performance Index, High Pressure Injection System | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06     | 3Q/06     |
|--|-------|-------|-------|-------|-------|-------|-----------|-----------|
| UAI ( $\Delta$ CDF)  |       |       |       |       |       |       | -7.40E-08 | -7.40E-08 |
| URI ( $\Delta$ CDF)  |       |       |       |       |       |       | -3.70E-08 | -3.50E-08 |
| PLE  |       |       |       |       |       |       | NO        | NO        |
| Indicator value  |       |       |       |       |       |       | -1.11E-07 | -1.09E-07 |

Licensee Comments: none

### Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

#### Notes

| Mitigating Systems Performance Index, Heat Removal System | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06     | 3Q/06     |
|---|-------|-------|-------|-------|-------|-------|-----------|-----------|
| UAI ( $\Delta$ CDF)                                       |       |       |       |       |       |       | -7.90E-08 | -8.00E-08 |
| URI ( $\Delta$ CDF)                                       |       |       |       |       |       |       | -1.50E-07 | -1.40E-07 |
| PLE   |       |       |       |       |       |       | NO        | NO        |
| Indicator value   |       |       |       |       |       |       | -2.29E-07 | -2.20E-07 |

Licensee Comments: none

### Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

**Notes**

| Mitigating Systems Performance Index, Residual Heat Removal System | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06     | 3Q/06     |
|--|-------|-------|-------|-------|-------|-------|-----------|-----------|
| UAI ( $\Delta$ CDF)  |       |       |       |       |       |       | -4.60E-09 | -6.00E-09 |
| URI ( $\Delta$ CDF)  |       |       |       |       |       |       | -2.20E-08 | -2.20E-08 |
| PLE  |       |       |       |       |       |       | NO        | NO        |
| Indicator value  |       |       |       |       |       |       | -2.66E-08 | -2.80E-08 |

Licensee Comments: none



### Mitigating Systems Performance Index, Cooling Water Systems



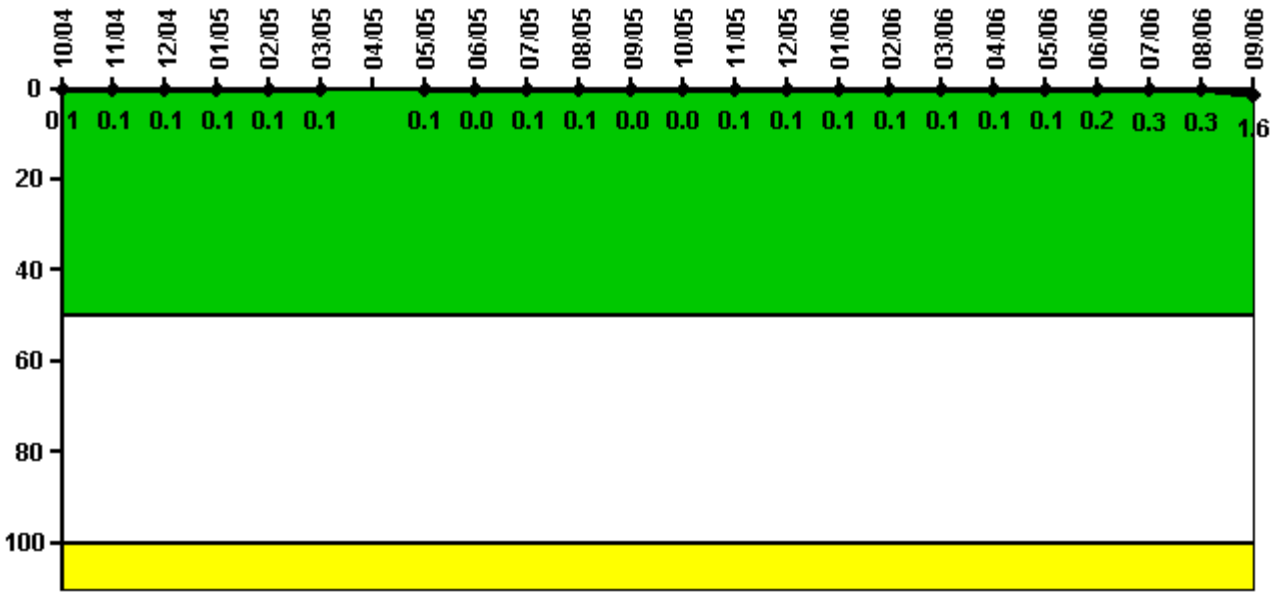
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

#### Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06     | 3Q/06     |
|---|-------|-------|-------|-------|-------|-------|-----------|-----------|
| UAI (ΔCDF)  |       |       |       |       |       |       | 4.00E-07  | 3.30E-07  |
| URI (ΔCDF)  |       |       |       |       |       |       | -2.20E-07 | -2.10E-07 |
| PLE   |       |       |       |       |       |       | NO        | NO        |
| Indicator value   |       |       |       |       |       |       | 1.80E-07  | 1.20E-07  |

Licensee Comments: none

### Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

#### Notes

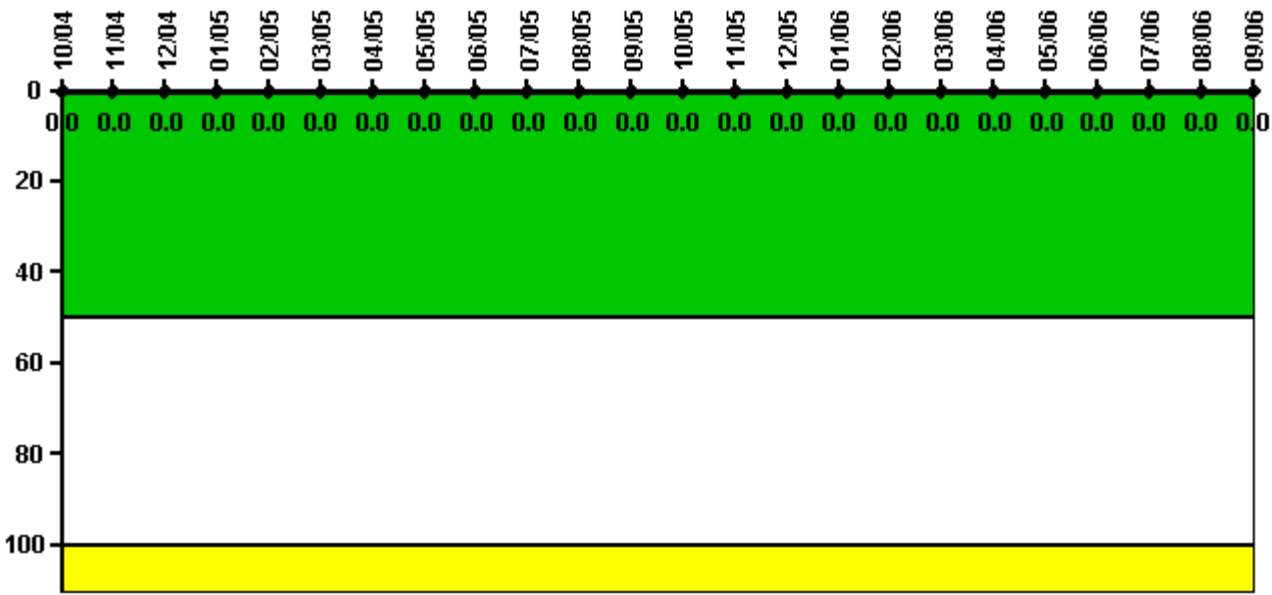
| Reactor Coolant System Activity | 10/04    | 11/04    | 12/04    | 1/05     | 2/05     | 3/05     | 4/05 | 5/05     | 6/05     | 7/05     | 8/05     | 9/05     |
|---------------------------------|----------|----------|----------|----------|----------|----------|------|----------|----------|----------|----------|----------|
| Maximum activity                | 0.000234 | 0.000240 | 0.000248 | 0.000283 | 0.000247 | 0.000255 | N/A  | 0.000229 | 0.000217 | 0.000248 | 0.000229 | 0.000200 |
| Technical specification limit   | 0.5      | 0.5      | 0.5      | 0.5      | 0.5      | 0.5      | 0.5  | 0.5      | 0.5      | 0.5      | 0.5      | 0.5      |
| Indicator value                 | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | N/A  | 0.1      | 0        | 0.1      | 0.1      | 0        |

| Reactor Coolant System Activity | 10/05    | 11/05    | 12/05    | 1/06     | 2/06     | 3/06     | 4/06     | 5/06     | 6/06     | 7/06     | 8/06     | 9/06     |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity                | 0.000207 | 0.000301 | 0.000228 | 0.000231 | 0.000252 | 0.000298 | 0.000350 | 0.000531 | 0.000776 | 0.001180 | 0.001310 | 0.006990 |
| Technical specification limit   | 0.5      | 0.5      | 0.5      | 0.5      | 0.5      | 0.5      | 0.5      | 0.5      | 0.5      | 0.5      | 0.5      | 0.5      |
| Indicator value                 | 0        | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.2      | 0.3      | 0.3      | 1.6      |

Licensee Comments: none

### Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

#### Notes

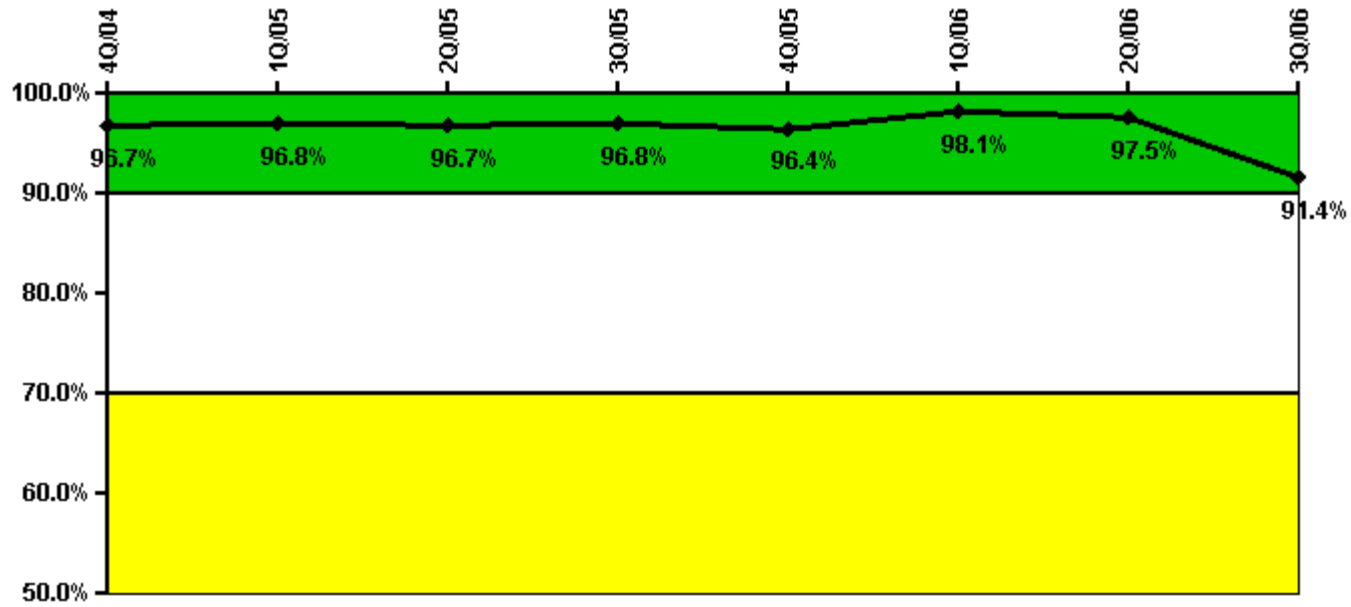
| Reactor Coolant System Leakage | 10/04 | 11/04 | 12/04 | 1/05 | 2/05 | 3/05 | 4/05 | 5/05 | 6/05 | 7/05 | 8/05 | 9/05 |
|--------------------------------|-------|-------|-------|------|------|------|------|------|------|------|------|------|
| Maximum leakage                | 0     | 0     | 0     | 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    |

| Reactor Coolant System Leakage | 10/05 | 11/05 | 12/05 | 1/06 | 2/06 | 3/06 | 4/06 | 5/06 | 6/06 | 7/06 | 8/06 | 9/06 |
|--------------------------------|-------|-------|-------|------|------|------|------|------|------|------|------|------|
| 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



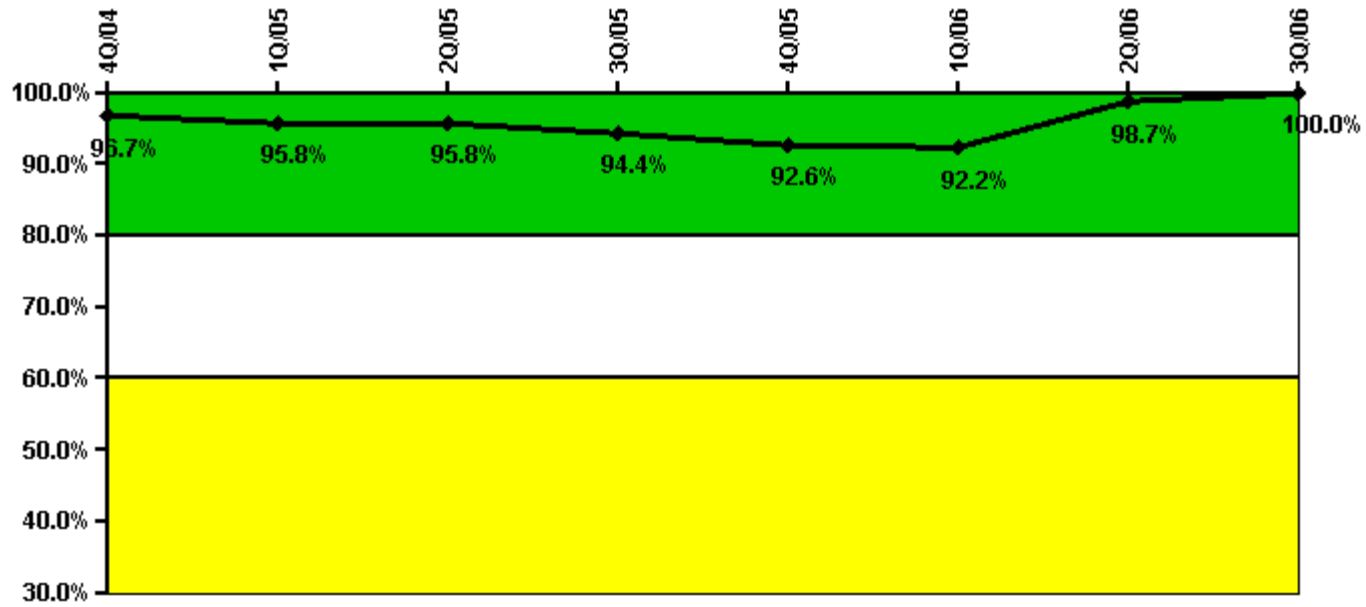
Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

| Drill/Exercise Performance | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities   | 6.0   | 15.0  | 0     | 0     | 50.0  | 0     | 11.0  | 66.0  |
| Total opportunities        | 6.0   | 16.0  | 0     | 0     | 52.0  | 0     | 12.0  | 76.0  |
| Indicator value            | 96.7% | 96.8% | 96.7% | 96.8% | 96.4% | 98.1% | 97.5% | 91.4% |

Licensee Comments: none

### ERO Drill Participation



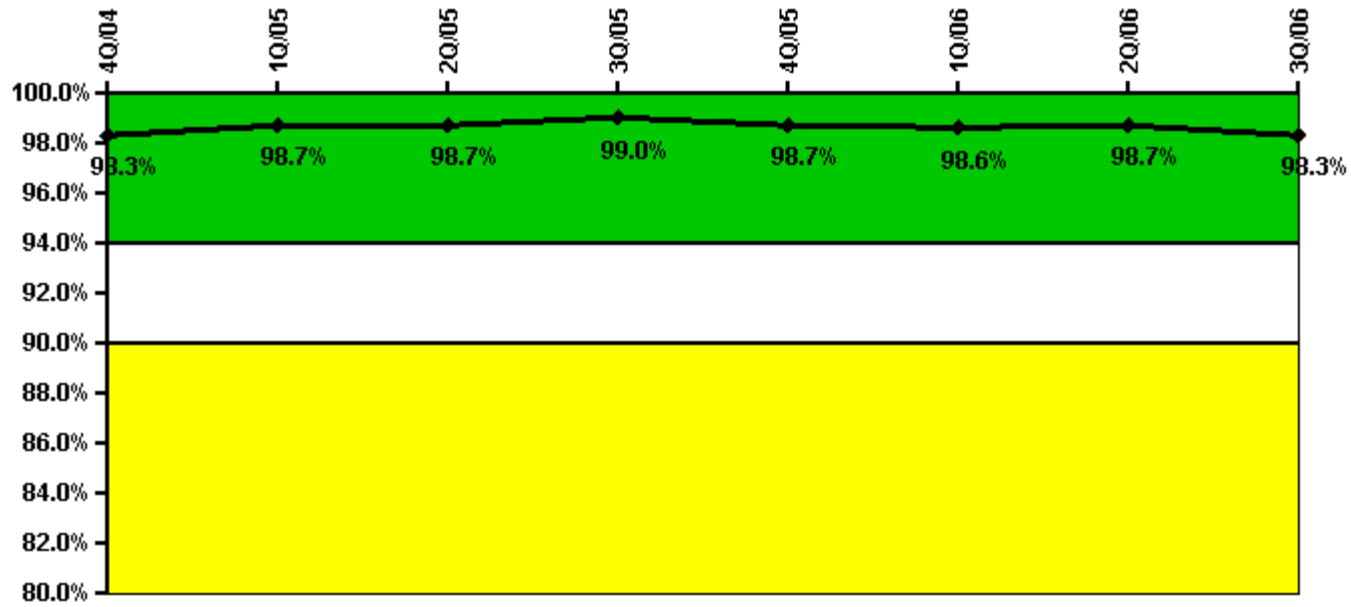
Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

| ERO Drill Participation     | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06  |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|--------|
| Participating Key personnel | 58.0  | 68.0  | 68.0  | 67.0  | 75.0  | 71.0  | 76.0  | 76.0   |
| Total Key personnel         | 60.0  | 71.0  | 71.0  | 71.0  | 81.0  | 77.0  | 77.0  | 76.0   |
| Indicator value             | 96.7% | 95.8% | 95.8% | 94.4% | 92.6% | 92.2% | 98.7% | 100.0% |

Licensee Comments: none

### Alert & Notification System



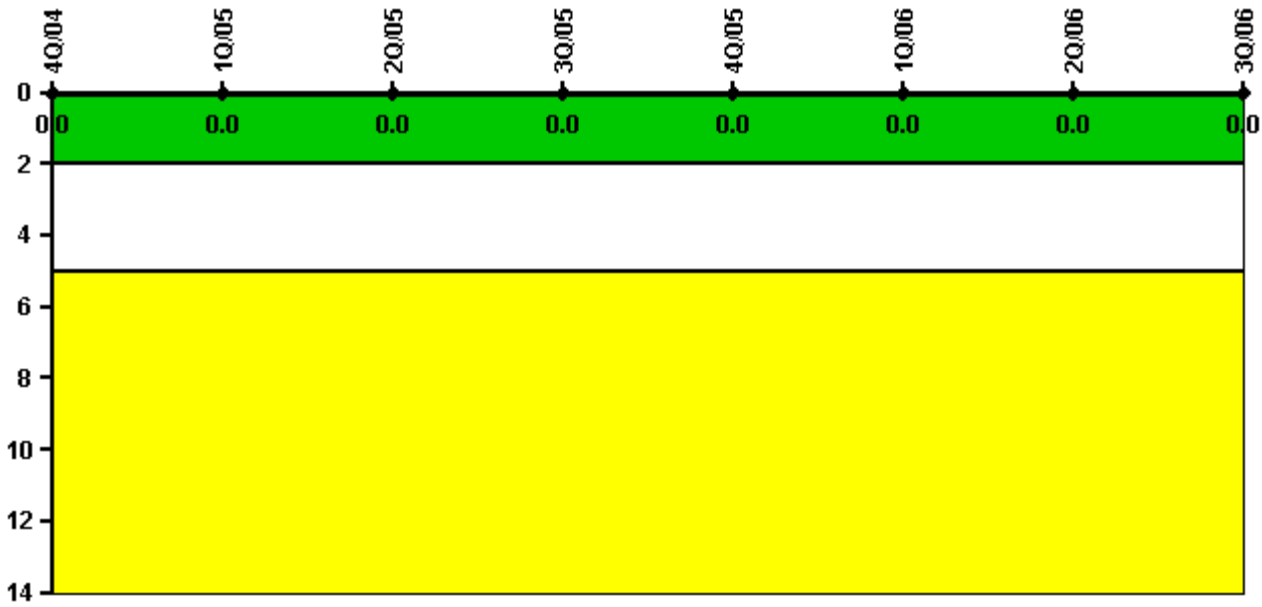
Thresholds: White < 94.0% Yellow < 90.0%

#### Notes

| Alert & Notification System | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests      | 208   | 215   | 215   | 215   | 208   | 214   | 216   | 211   |
| Total sirens-tests          | 214   | 216   | 216   | 216   | 216   | 216   | 216   | 216   |
| Indicator value             | 98.3% | 98.7% | 98.7% | 99.0% | 98.7% | 98.6% | 98.7% | 98.3% |

Licensee Comments: none

### Occupational Exposure Control Effectiveness



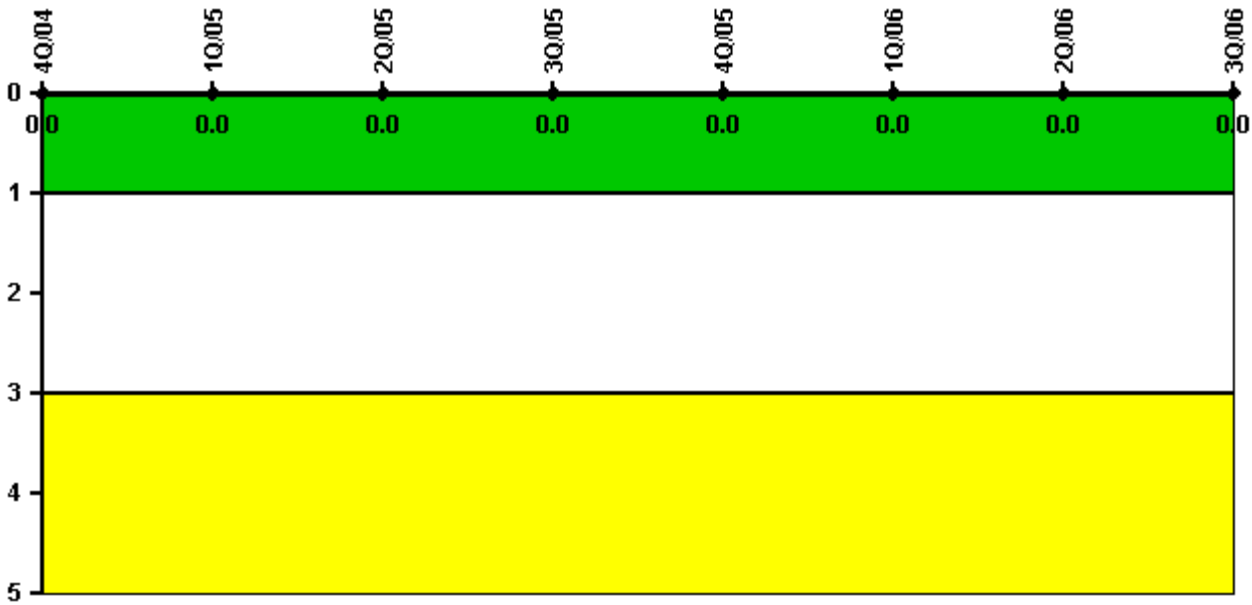
Thresholds: White > 2.0 Yellow > 5.0

#### Notes

| Occupational Exposure Control Effectiveness | 4Q/04    | 1Q/05    | 2Q/05    | 3Q/05    | 4Q/05    | 1Q/06    | 2Q/06    | 3Q/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        |
| <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 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/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.