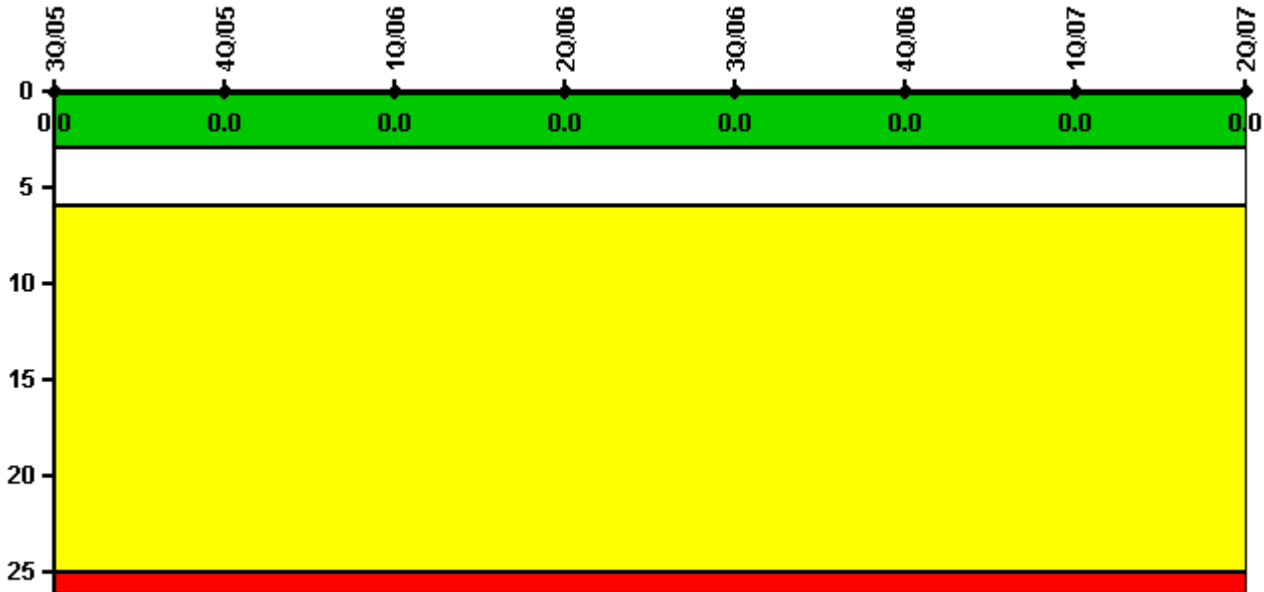


Diablo Canyon 1

2Q/2007 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



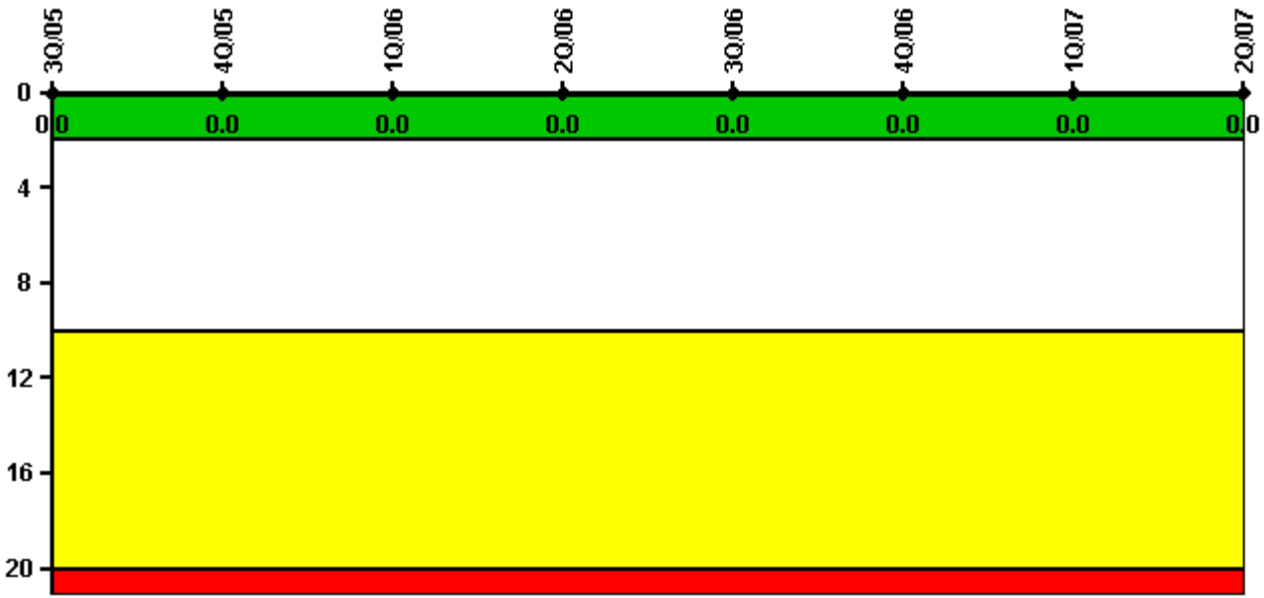
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2208.0 | 1303.5 | 2160.0 | 2183.0 | 2208.0 | 2209.0 | 2159.0 | 1500.2 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



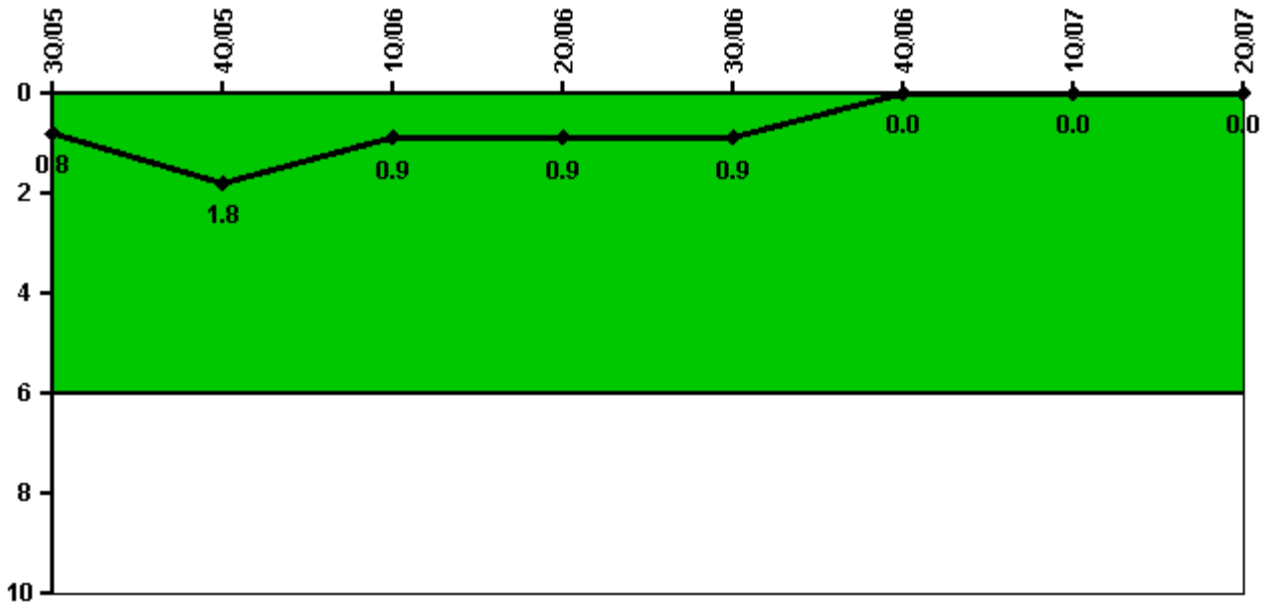
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

| Scrams with Loss of Normal Heat Removal | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| 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



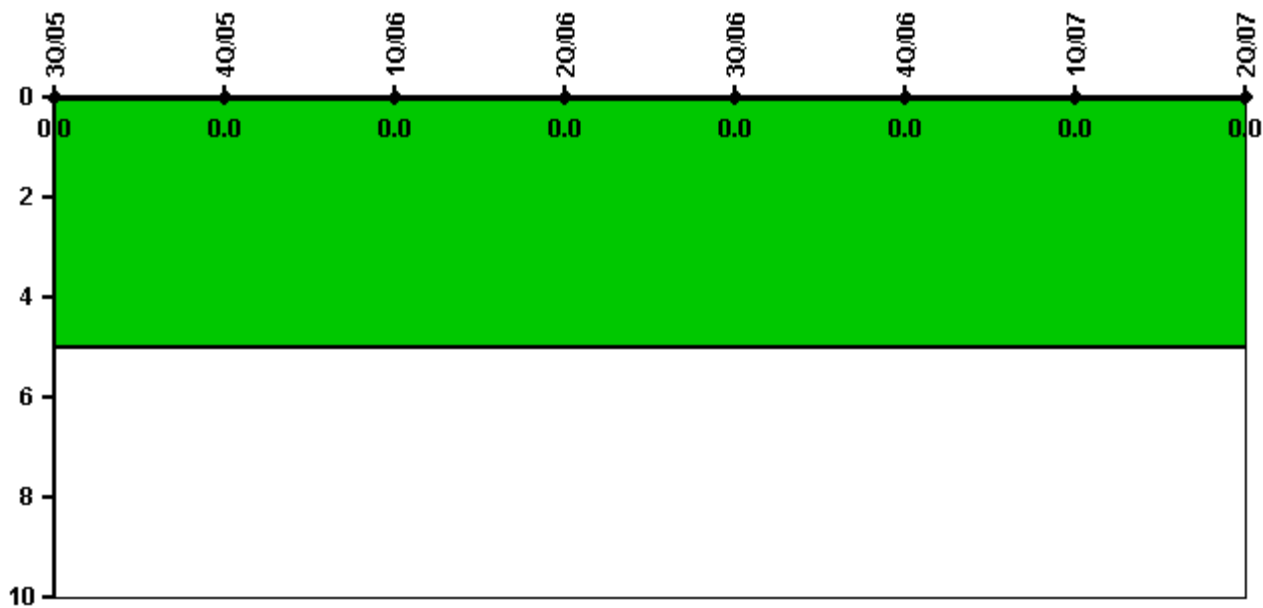
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes | 0 | 1.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2208.0 | 1303.5 | 2160.0 | 2183.0 | 2208.0 | 2209.0 | 2159.0 | 1500.2 |
| Indicator value | 0.8 | 1.8 | 0.9 | 0.9 | 0.9 | 0 | 0 | 0 |

Licensee Comments: none

Safety System Functional Failures (PWR)



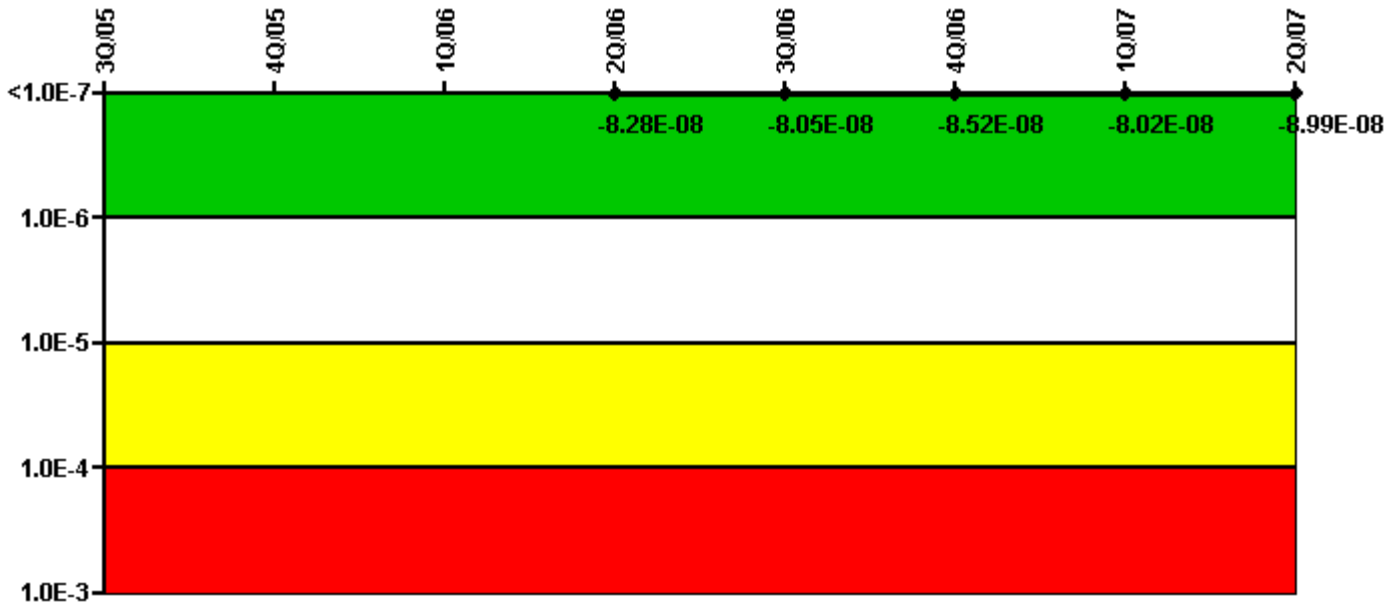
Thresholds: White > 5.0

Notes

| Safety System Functional Failures (PWR) | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| 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



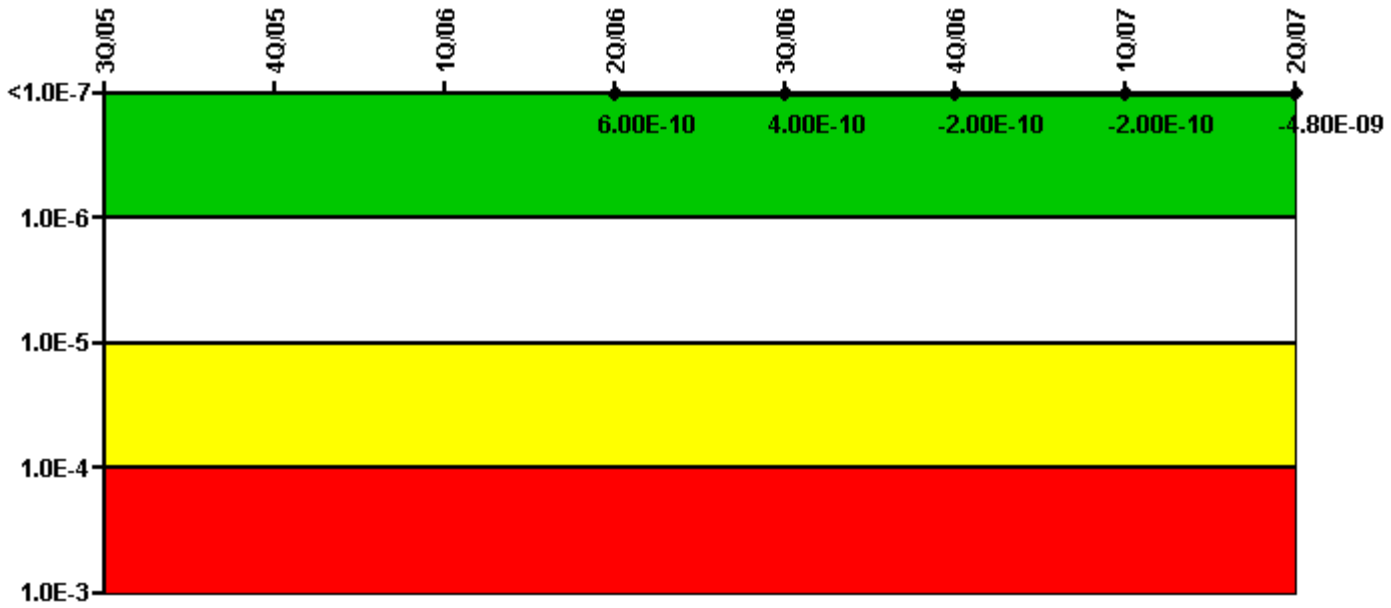
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 |
|---|-------|-------|-------|-------------|-------------|-------------|-------------|-------------|
| UAI (Δ CDF) | | | | $3.20E-09$ | $5.50E-09$ | $7.80E-10$ | $5.80E-09$ | $4.10E-09$ |
| URI (Δ CDF) | | | | $-8.60E-08$ | $-8.60E-08$ | $-8.60E-08$ | $-8.60E-08$ | $-9.40E-08$ |
| PLE | | | | NO | NO | NO | NO | NO |
| Indicator value | | | | $-8.28E-08$ | $-8.05E-08$ | $-8.52E-08$ | $-8.02E-08$ | $-8.99E-08$ |

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



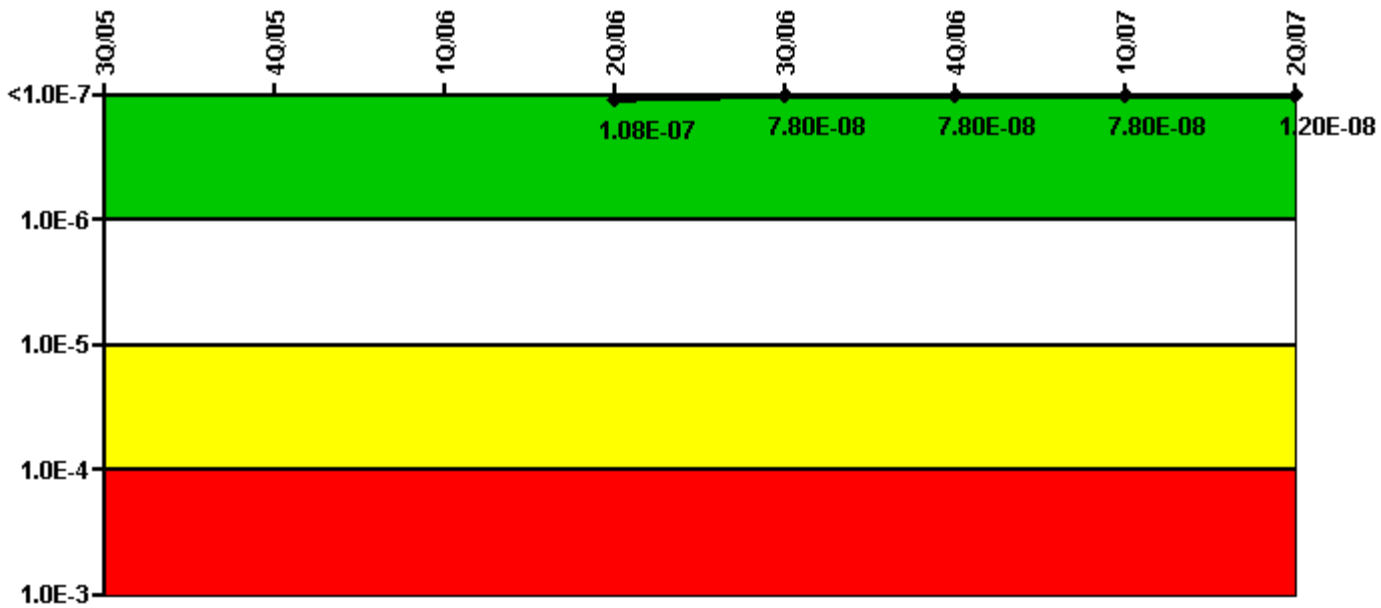
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 |
|--|-------|-------|-------|-----------|-----------|-----------|-----------|-----------|
| UAI (ACDF) | | | | -1.00E-09 | -1.20E-09 | -1.80E-09 | -1.80E-09 | -3.30E-09 |
| URI (ACDF) | | | | 1.60E-09 | 1.60E-09 | 1.60E-09 | 1.60E-09 | -1.50E-09 |
| PLE | | | | NO | NO | NO | NO | NO |
| Indicator value | | | | 6.00E-10 | 4.00E-10 | -2.00E-10 | -2.00E-10 | -4.80E-09 |

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



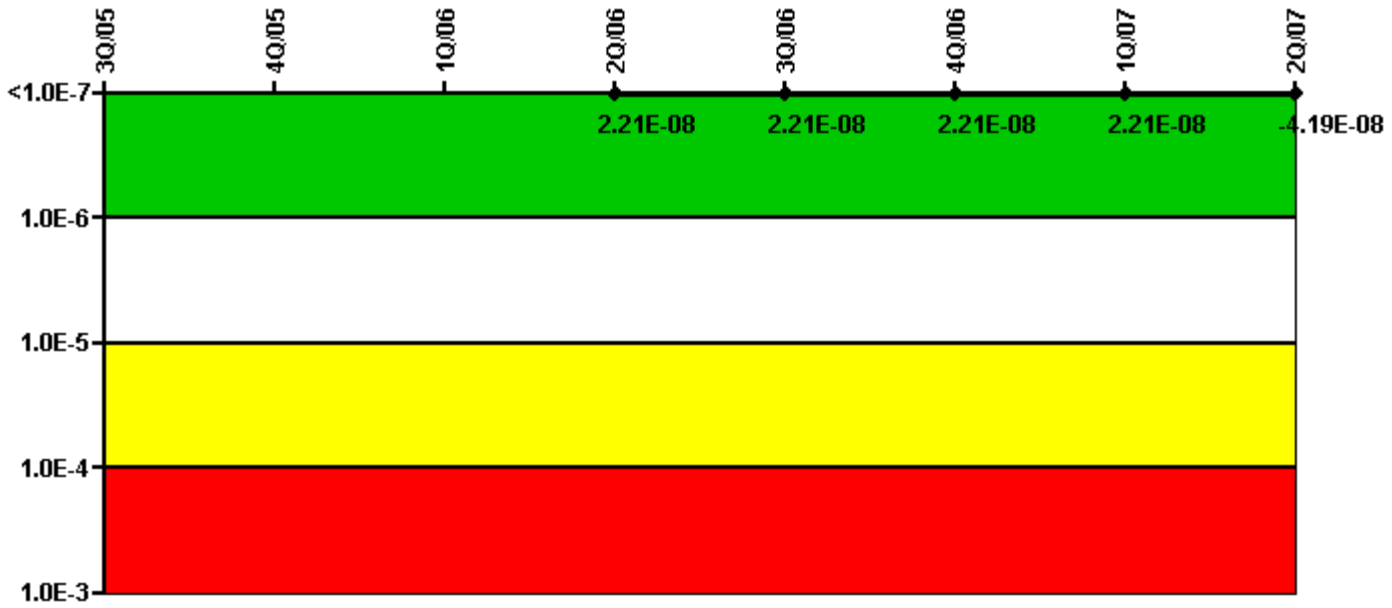
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Heat Removal System | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 |
|---|-------|-------|-------|-----------|-----------|-----------|-----------|-----------|
| UAI (ΔCDF) | | | | 1.30E-07 | 1.00E-07 | 1.00E-07 | 1.00E-07 | 3.40E-08 |
| URI (ΔCDF) | | | | -2.20E-08 | -2.20E-08 | -2.20E-08 | -2.20E-08 | -2.20E-08 |
| PLE | | | | NO | NO | NO | NO | NO |
| Indicator value | | | | 1.08E-07 | 7.80E-08 | 7.80E-08 | 7.80E-08 | 1.20E-08 |

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



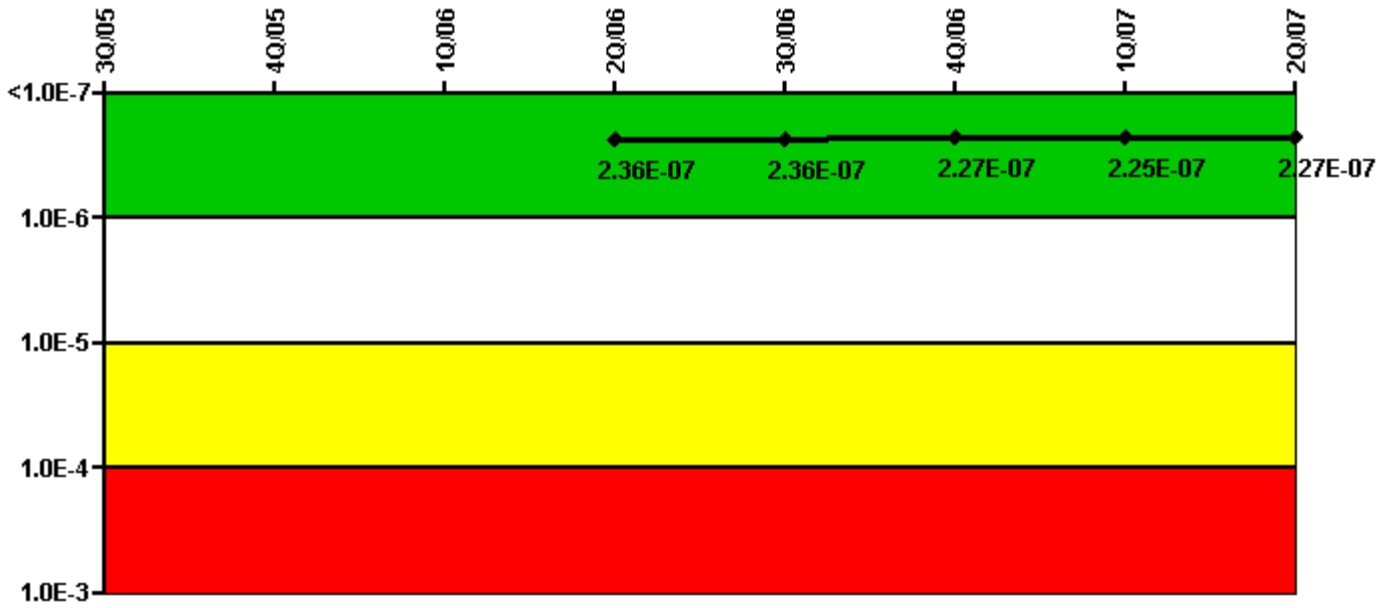
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 |
|--|-------|-------|-------|-----------|-----------|-----------|-----------|-----------|
| UAI (ACDF) | | | | -5.90E-09 | -5.90E-09 | -5.90E-09 | -5.90E-09 | -5.90E-09 |
| URI (ACDF) | | | | 2.80E-08 | 2.80E-08 | 2.80E-08 | 2.80E-08 | -3.60E-08 |
| PLE | | | | NO | NO | NO | NO | NO |
| Indicator value | | | | 2.21E-08 | 2.21E-08 | 2.21E-08 | 2.21E-08 | -4.19E-08 |

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



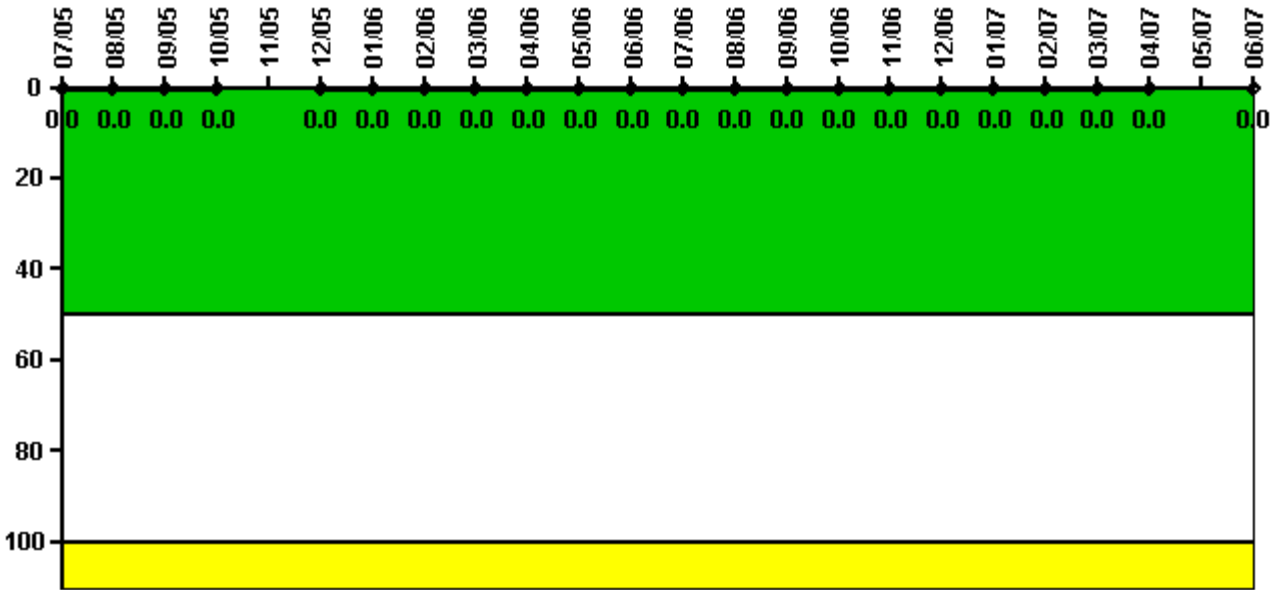
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 |
|---|-------|-------|-------|-----------|-----------|-----------|-----------|-----------|
| UAI (ΔCDF) | | | | -4.40E-08 | -4.40E-08 | -5.30E-08 | -5.50E-08 | -5.30E-08 |
| URI (ΔCDF) | | | | 2.80E-07 | 2.80E-07 | 2.80E-07 | 2.80E-07 | 2.80E-07 |
| PLE | | | | NO | NO | NO | NO | NO |
| Indicator value | | | | 2.36E-07 | 2.36E-07 | 2.27E-07 | 2.25E-07 | 2.27E-07 |

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

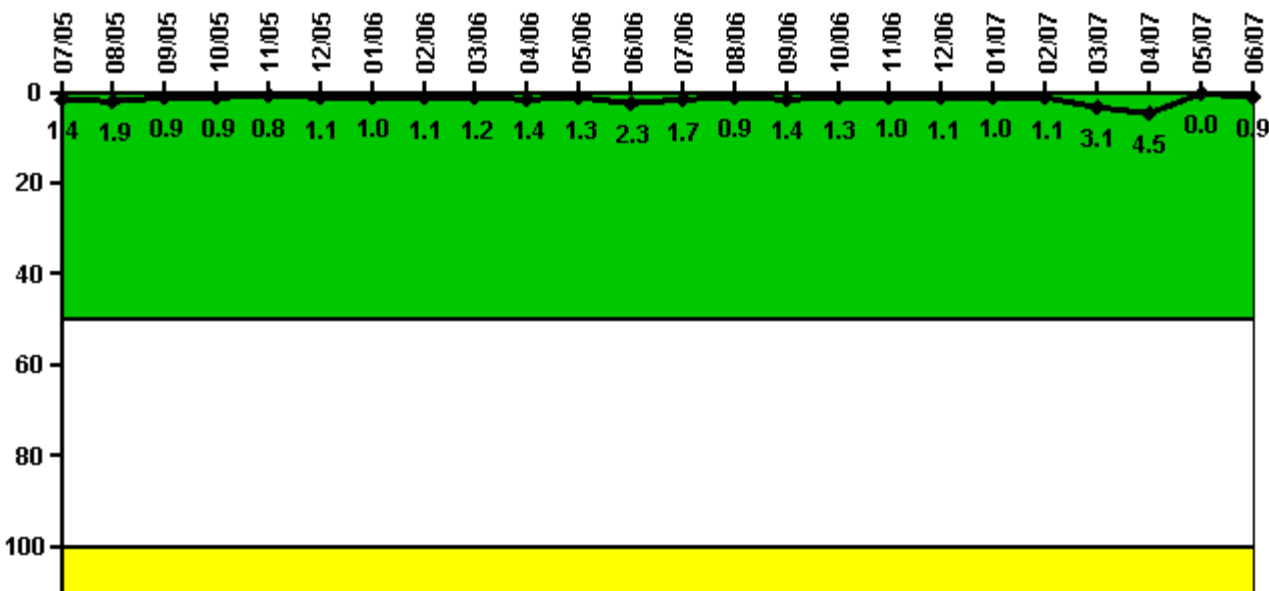
Notes

| Reactor Coolant System Activity | 7/05 | 8/05 | 9/05 | 10/05 | 11/05 | 12/05 | 1/06 | 2/06 | 3/06 | 4/06 | 5/06 | 6/06 |
|---------------------------------|----------|----------|----------|----------|-------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000268 | 0.000271 | 0.000273 | 0.000284 | N/A | 0.000151 | 0.000167 | 0.000193 | 0.000175 | 0.000197 | 0.000206 | 0.000195 |
| 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 | 0 | N/A | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Reactor Coolant System Activity | 7/06 | 8/06 | 9/06 | 10/06 | 11/06 | 12/06 | 1/07 | 2/07 | 3/07 | 4/07 | 5/07 | 6/07 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|------|----------|
| Maximum activity | 0.000212 | 0.000221 | 0.000222 | 0.000227 | 0.000232 | 0.000242 | 0.000276 | 0.000248 | 0.000301 | 0.000197 | N/A | 0.000070 |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | N/A | 0 |

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

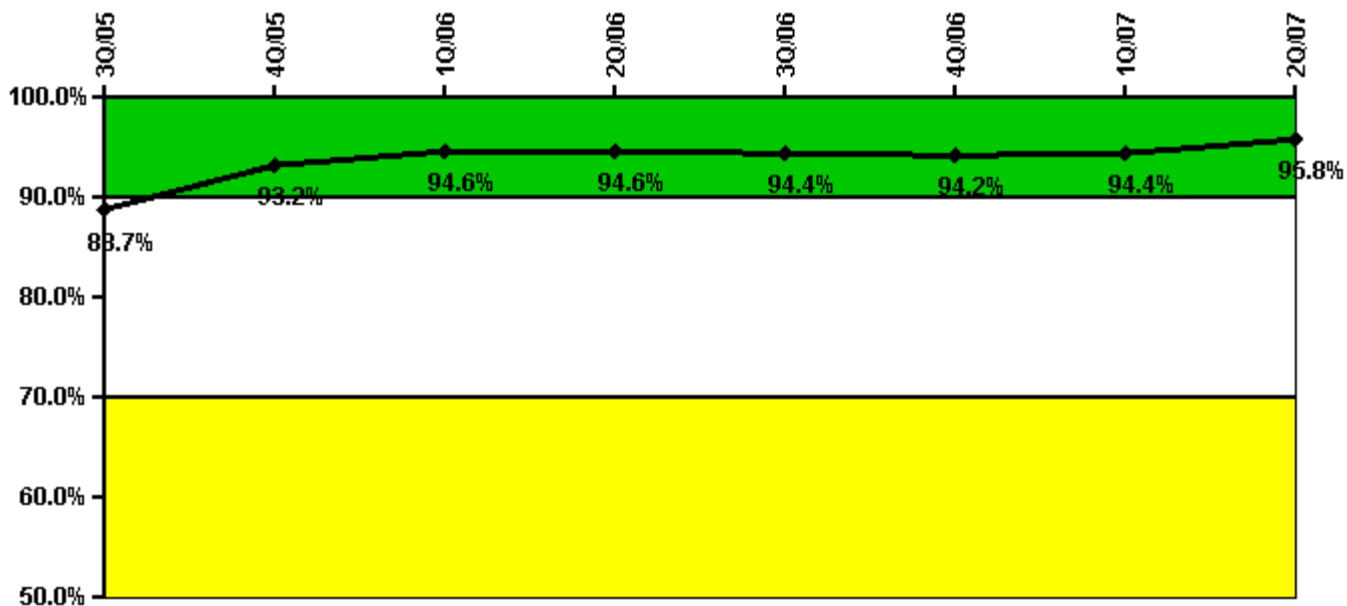
Notes

| Reactor Coolant System Leakage | 7/05 | 8/05 | 9/05 | 10/05 | 11/05 | 12/05 | 1/06 | 2/06 | 3/06 | 4/06 | 5/06 | 6/06 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 0.139 | 0.185 | 0.090 | 0.091 | 0.077 | 0.106 | 0.097 | 0.105 | 0.122 | 0.140 | 0.128 | 0.233 |
| 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 | 1.4 | 1.9 | 0.9 | 0.9 | 0.8 | 1.1 | 1.0 | 1.1 | 1.2 | 1.4 | 1.3 | 2.3 |

| Reactor Coolant System Leakage | 7/06 | 8/06 | 9/06 | 10/06 | 11/06 | 12/06 | 1/07 | 2/07 | 3/07 | 4/07 | 5/07 | 6/07 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|
| Maximum leakage | 0.168 | 0.093 | 0.136 | 0.130 | 0.095 | 0.107 | 0.100 | 0.112 | 0.309 | 0.446 | 0 | 0.087 |
| 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 | 1.7 | 0.9 | 1.4 | 1.3 | 1.0 | 1.1 | 1.0 | 1.1 | 3.1 | 4.5 | 0 | 0.9 |

Licensee Comments: none

Drill/Exercise Performance



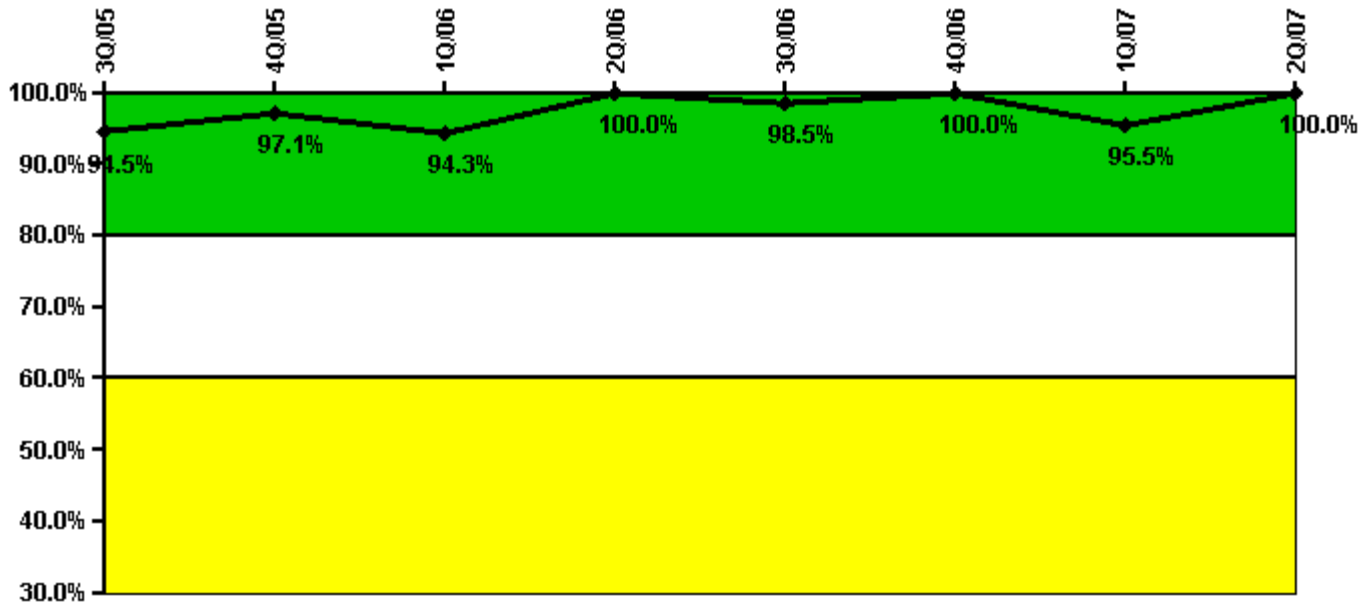
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful opportunities | 144.0 | 247.0 | 236.0 | 15.0 | 18.0 | 27.0 | 31.0 | 28.0 |
| Total opportunities | 162.0 | 250.0 | 241.0 | 16.0 | 20.0 | 31.0 | 31.0 | 28.0 |
| | | | | | | | | |
| Indicator value | 88.7% | 93.2% | 94.6% | 94.6% | 94.4% | 94.2% | 94.4% | 95.8% |

Licensee Comments: none

ERO Drill Participation



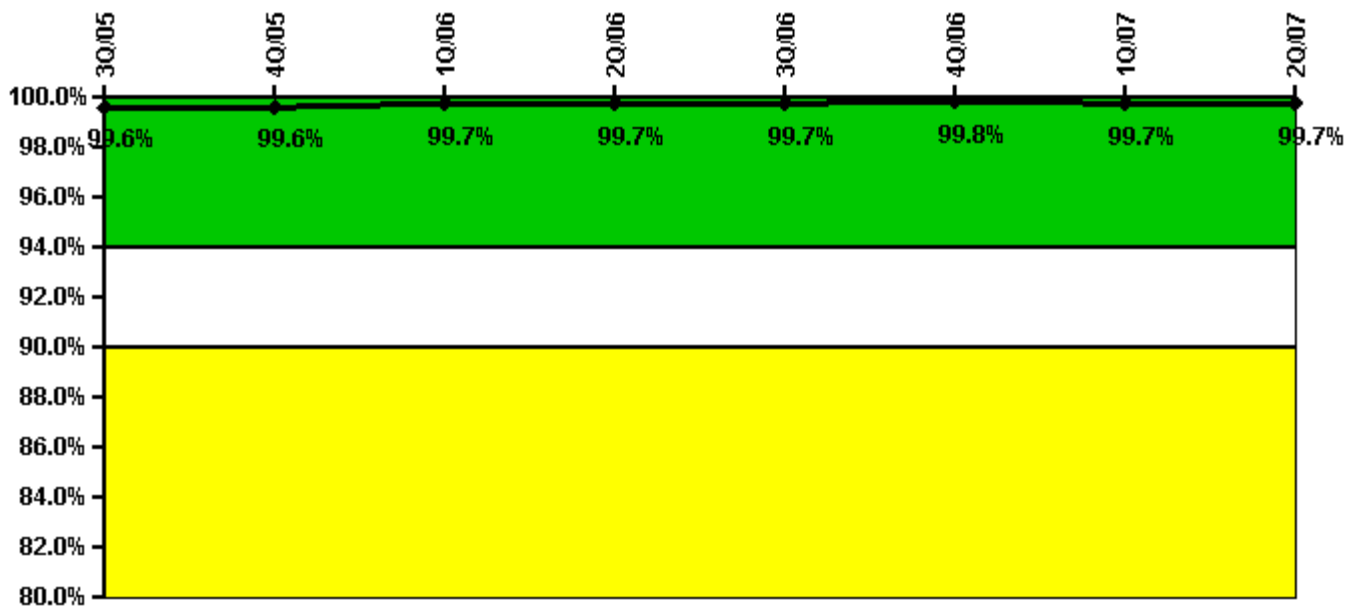
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 |
|-----------------------------|--------------|--------------|--------------|---------------|--------------|---------------|--------------|---------------|
| Participating Key personnel | 69.0 | 68.0 | 66.0 | 71.0 | 66.0 | 69.0 | 64.0 | 76.0 |
| Total Key personnel | 73.0 | 70.0 | 70.0 | 71.0 | 67.0 | 69.0 | 67.0 | 76.0 |
| | | | | | | | | |
| Indicator value | 94.5% | 97.1% | 94.3% | 100.0% | 98.5% | 100.0% | 95.5% | 100.0% |

Licensee Comments: none

Alert & Notification System



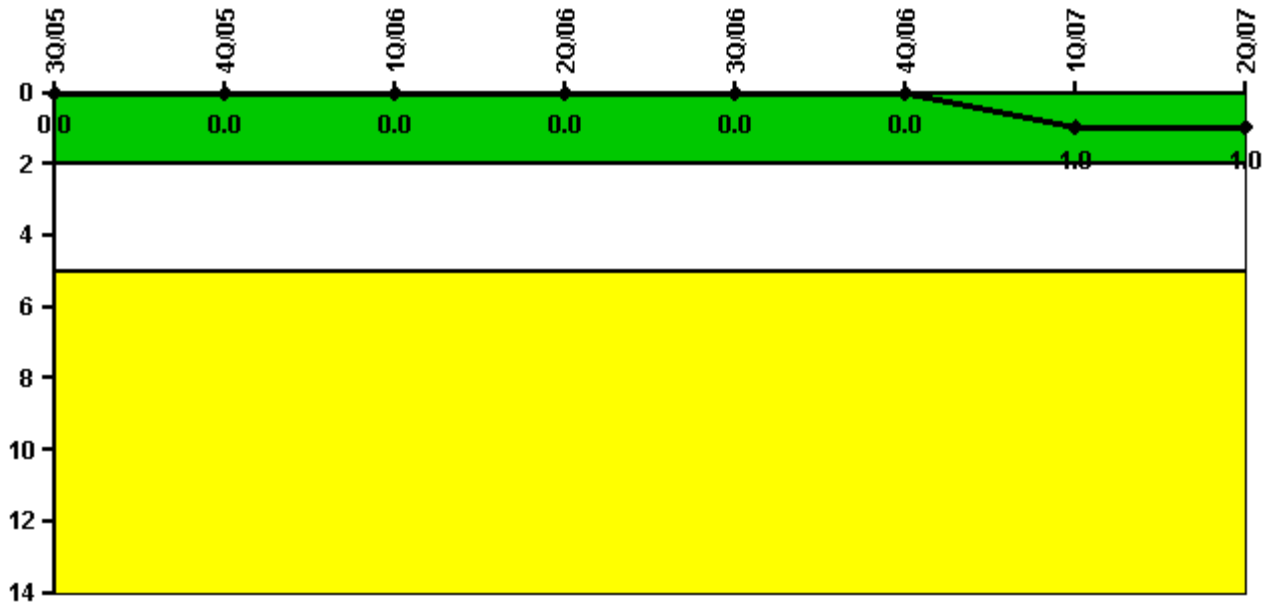
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests | 1302 | 905 | 1043 | 916 | 1307 | 913 | 1045 | 916 |
| Total sirens-tests | 1306 | 911 | 1045 | 917 | 1310 | 917 | 1048 | 917 |
| | | | | | | | | |
| Indicator value | 99.6% | 99.6% | 99.7% | 99.7% | 99.7% | 99.8% | 99.7% | 99.7% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Very high radiation area occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Unintended exposure occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

| RETS/ODCM Radiological Effluent | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 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 6, 2007