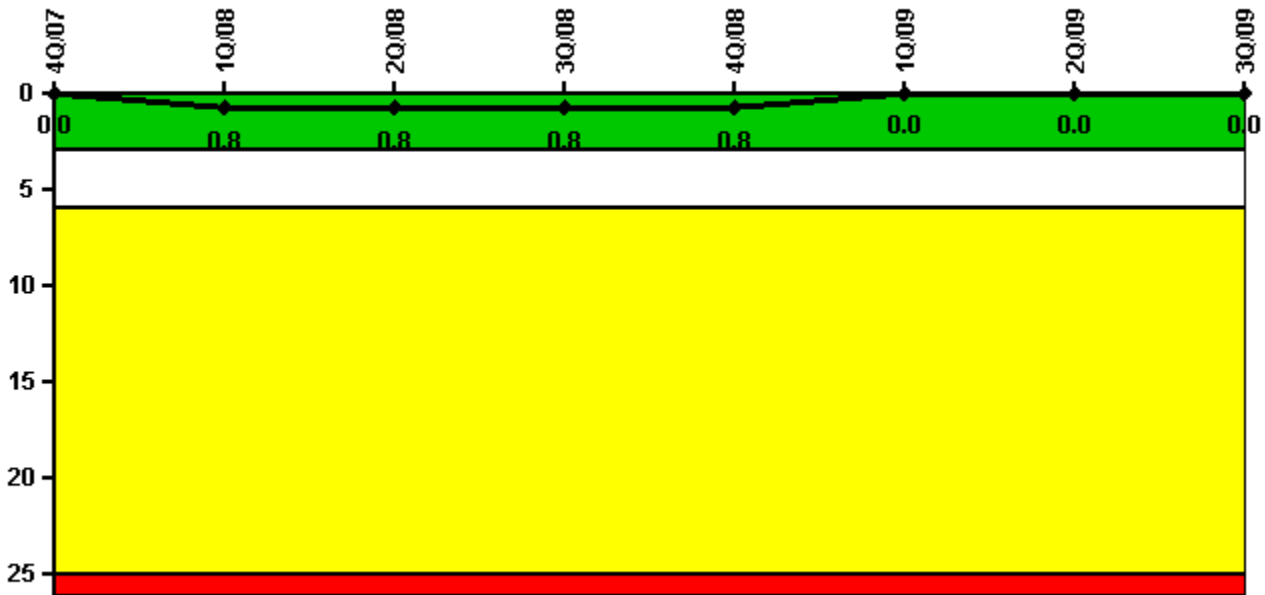


Comanche Peak 2

3Q/2009 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



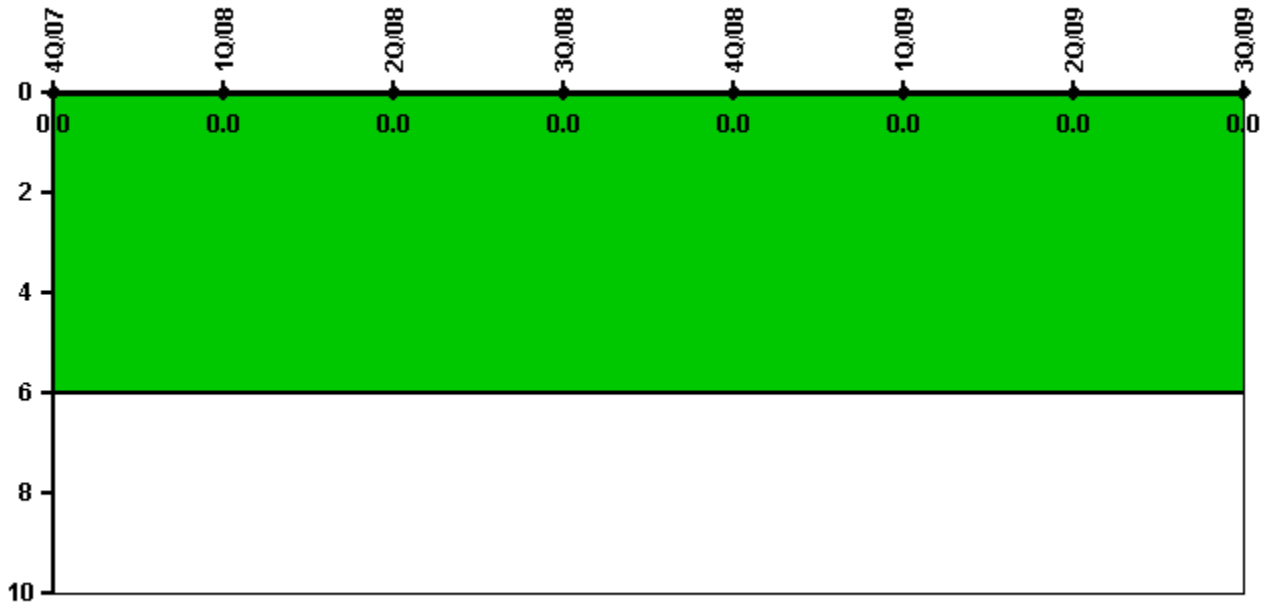
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 1.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2209.0 | 2097.8 | 1753.1 | 2208.0 | 2209.0 | 2159.0 | 2184.0 | 2208.0 |
| Indicator value | 0 | 0.8 | 0.8 | 0.8 | 0.8 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



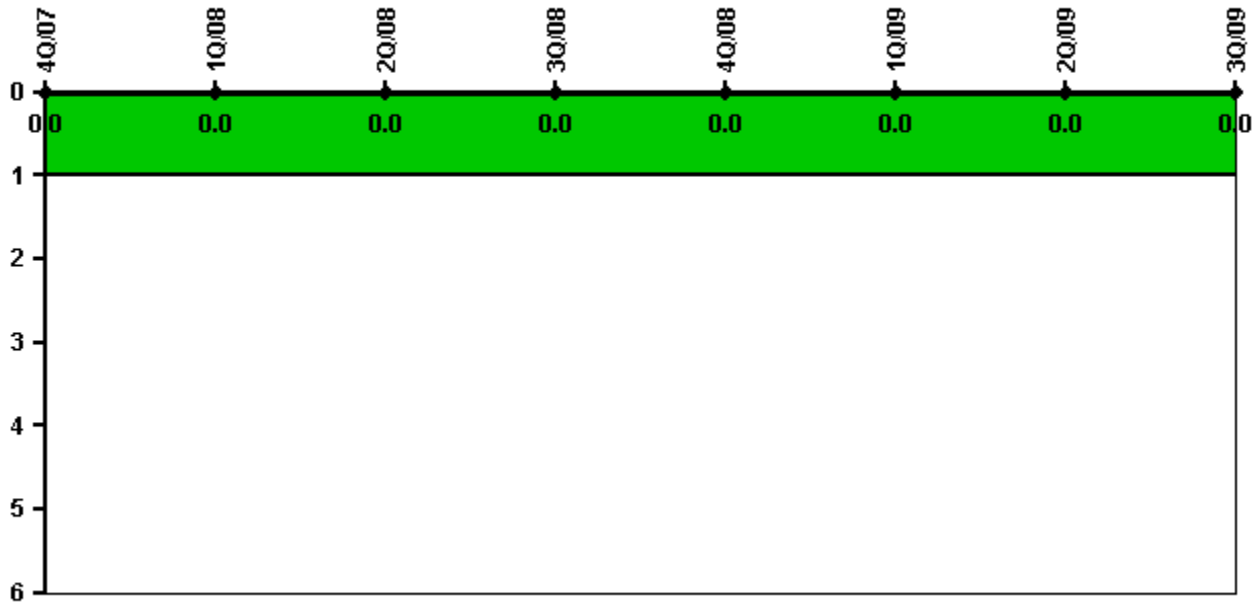
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2209.0 | 2097.8 | 1753.1 | 2208.0 | 2209.0 | 2159.0 | 2184.0 | 2208.0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Scrams with Complications



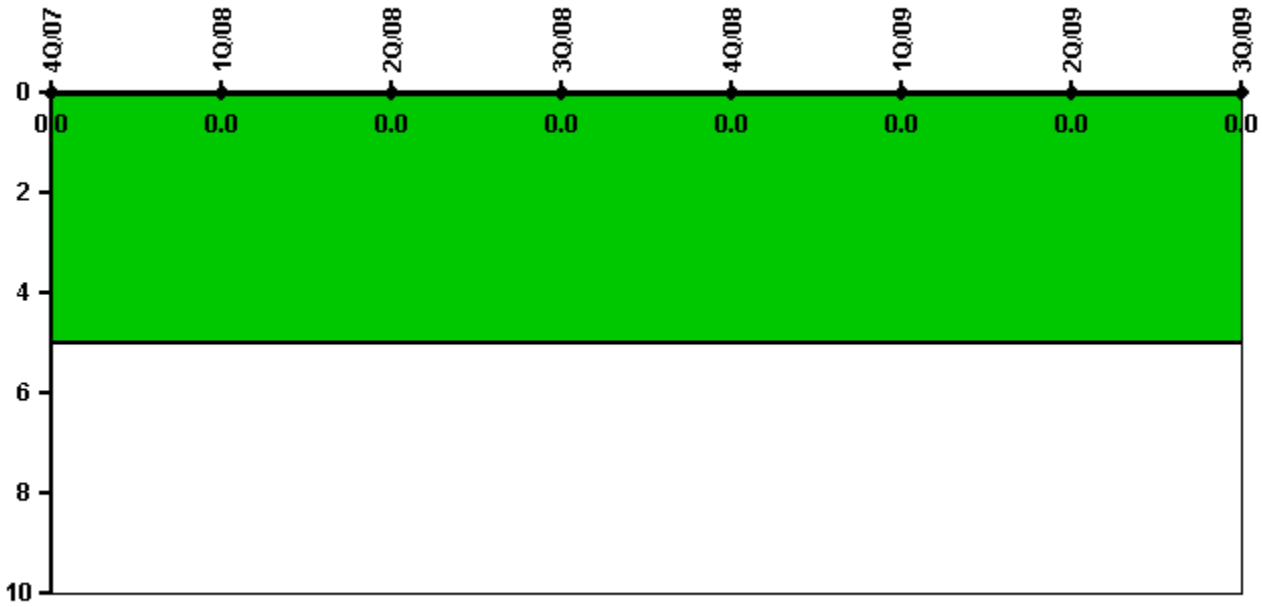
Thresholds: White > 1.0

Notes

| Unplanned Scrams with Complications | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 |
|-------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams with complications | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | |
| Indicator value | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

Licensee Comments: none

Safety System Functional Failures (PWR)



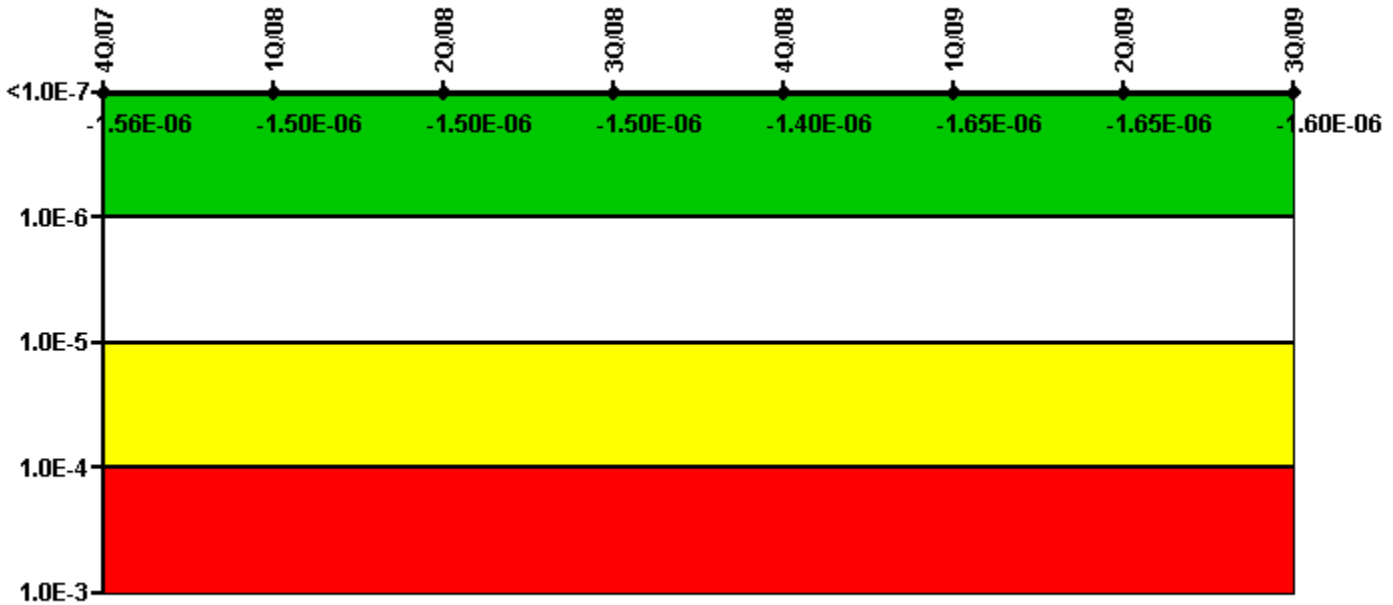
Thresholds: White > 5.0

Notes

| Safety System Functional Failures (PWR) | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| 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



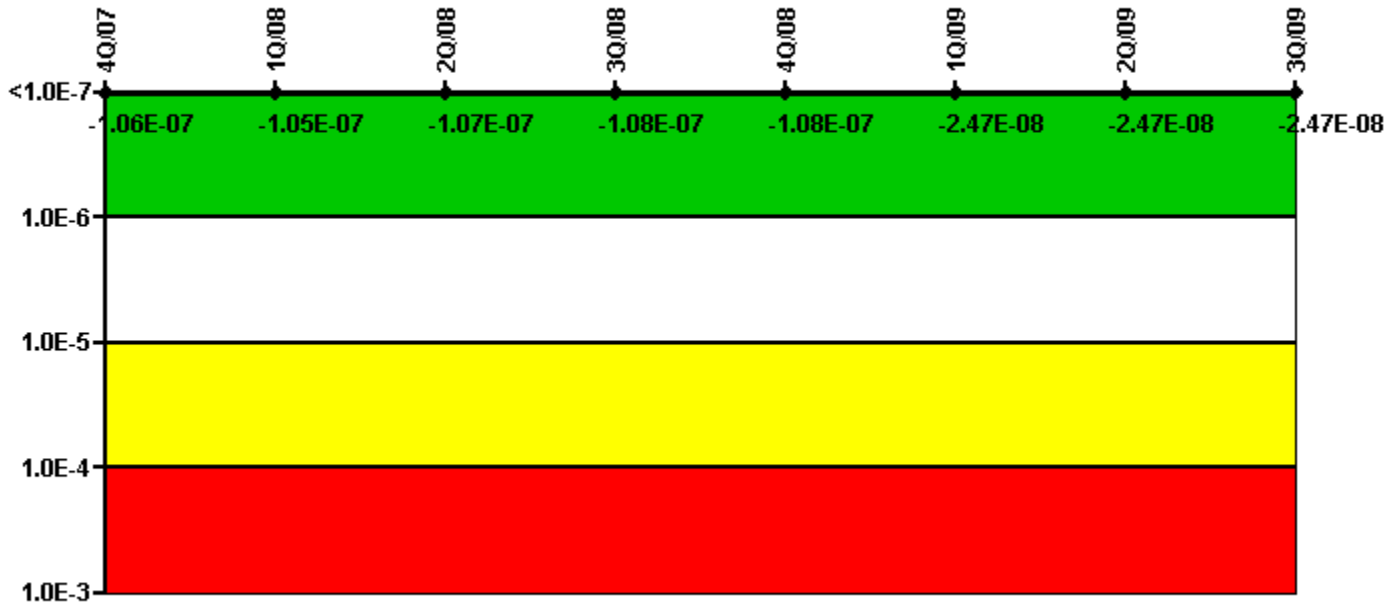
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -3.60E-07 | -3.00E-07 | -3.00E-07 | -3.00E-07 | -3.00E-07 | -3.50E-07 | -3.50E-07 | -3.00E-07 |
| URI (Δ CDF) | -1.20E-06 | -1.20E-06 | -1.20E-06 | -1.20E-06 | -1.10E-06 | -1.30E-06 | -1.30E-06 | -1.30E-06 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.56E-06 | -1.50E-06 | -1.50E-06 | -1.50E-06 | -1.40E-06 | -1.65E-06 | -1.65E-06 | -1.60E-06 |

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/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -7.40E-08 | -7.40E-08 | -7.40E-08 | -7.50E-08 | -7.50E-08 | -1.50E-08 | -1.50E-08 | -1.50E-08 |
| URI (Δ CDF) | -3.20E-08 | -3.10E-08 | -3.30E-08 | -3.30E-08 | -3.30E-08 | -9.70E-09 | -9.70E-09 | -9.70E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.06E-07 | -1.05E-07 | -1.07E-07 | -1.08E-07 | -1.08E-07 | -2.47E-08 | -2.47E-08 | -2.47E-08 |

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



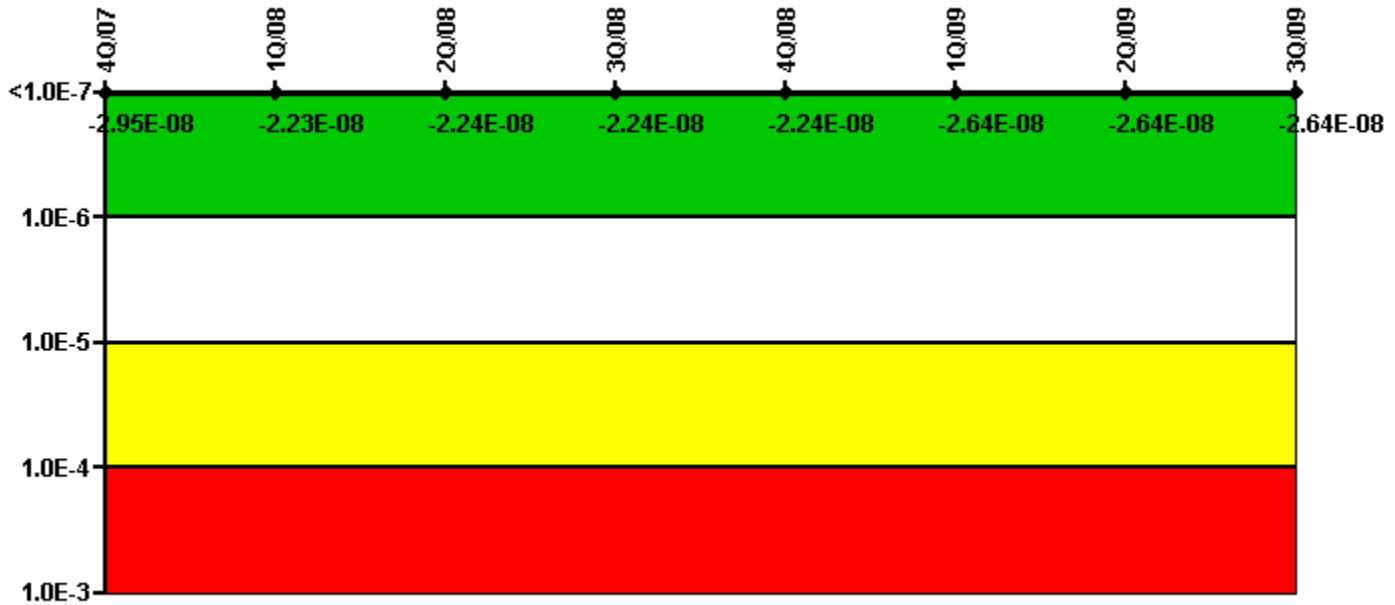
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Heat Removal System | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -8.10E-08 | -8.40E-08 | -1.50E-07 | -1.50E-07 | -1.50E-07 | -1.70E-07 | -1.70E-07 | -1.70E-07 |
| URI (Δ CDF) | -1.40E-07 | -1.40E-07 | -1.30E-07 | -1.20E-07 | -1.20E-07 | -1.20E-07 | -1.10E-07 | -1.10E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -2.21E-07 | -2.24E-07 | -2.80E-07 | -2.70E-07 | -2.70E-07 | -2.90E-07 | -2.80E-07 | -2.80E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



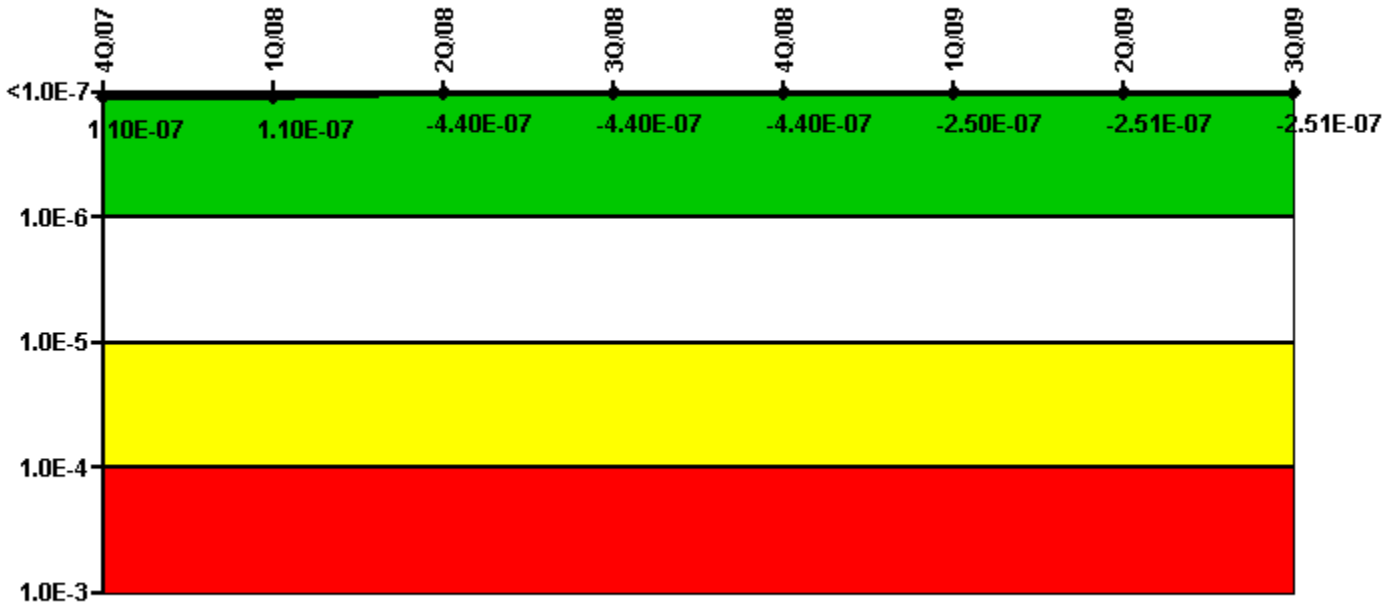
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -7.50E-09 | -3.40E-10 | -3.90E-10 | -3.90E-10 | -3.90E-10 | -4.30E-10 | -4.30E-10 | -4.30E-10 |
| URI (Δ CDF) | -2.20E-08 | -2.20E-08 | -2.20E-08 | -2.20E-08 | -2.20E-08 | -2.60E-08 | -2.60E-08 | -2.60E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -2.95E-08 | -2.23E-08 | -2.24E-08 | -2.24E-08 | -2.24E-08 | -2.64E-08 | -2.64E-08 | -2.64E-08 |

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



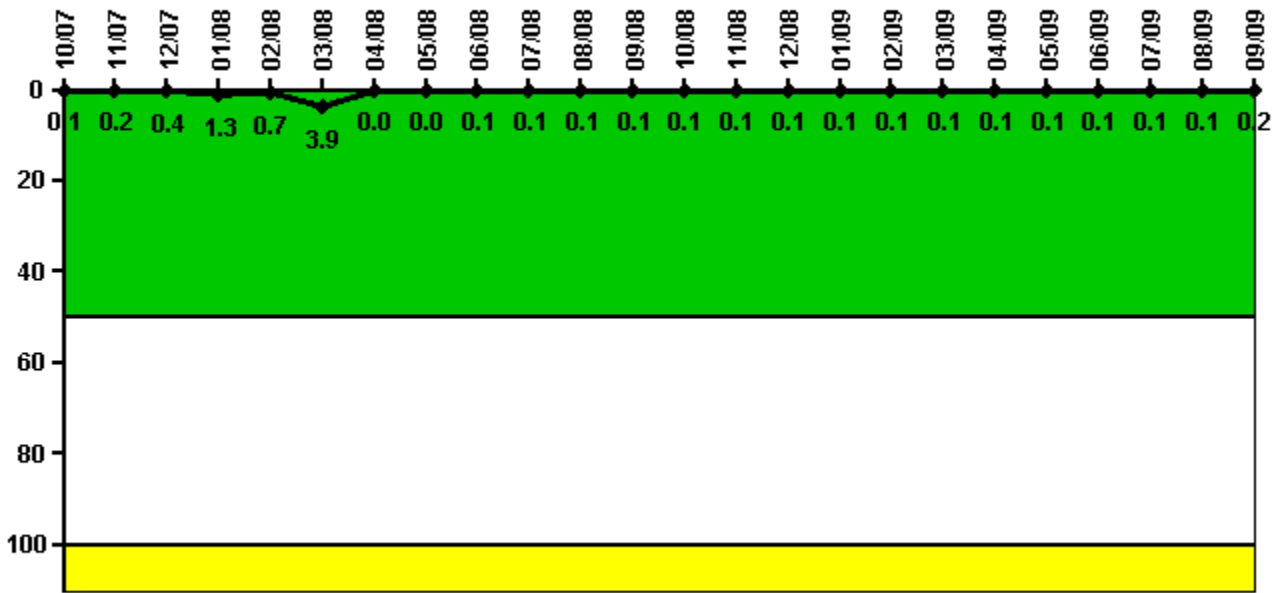
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 3.30E-07 | 3.20E-07 | -2.20E-07 | -2.20E-07 | -2.20E-07 | -1.80E-07 | -1.80E-07 | -1.80E-07 |
| URI (Δ CDF) | -2.20E-07 | -2.10E-07 | -2.20E-07 | -2.20E-07 | -2.20E-07 | -7.00E-08 | -7.10E-08 | -7.10E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 1.10E-07 | 1.10E-07 | -4.40E-07 | -4.40E-07 | -4.40E-07 | -2.50E-07 | -2.51E-07 | -2.51E-07 |

Licensee Comments: none

Reactor Coolant System Activity



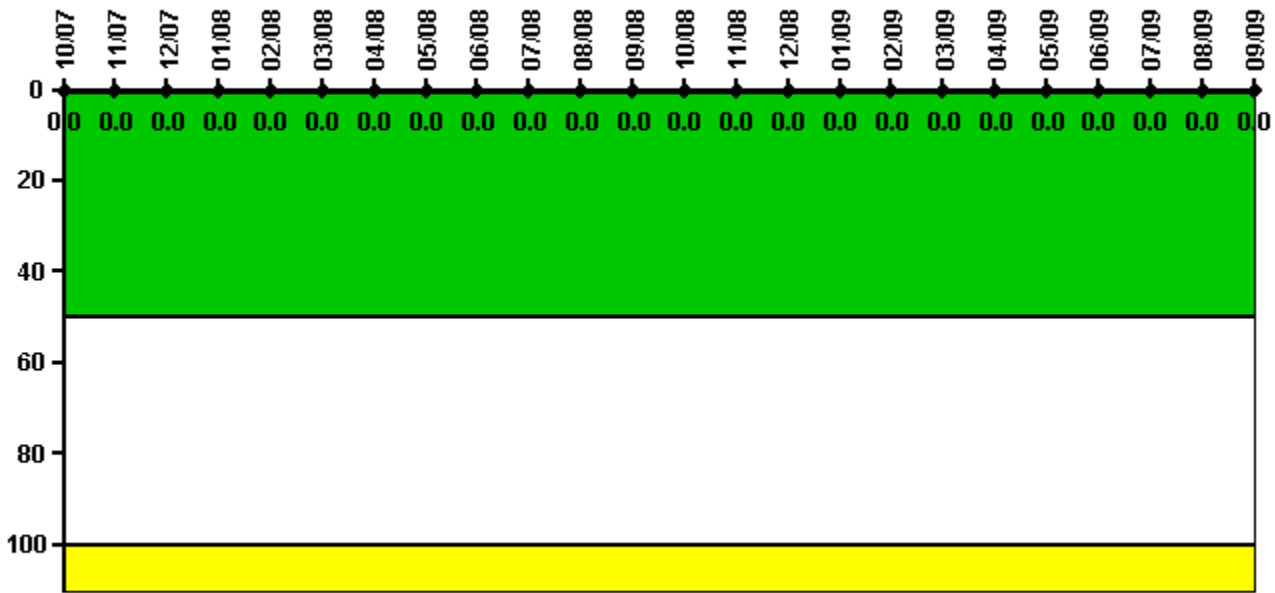
Thresholds: White > 50.0 Yellow > 100.0

Notes

| | | | | | | | | | | | | |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Reactor Coolant System Activity | 10/07 | 11/07 | 12/07 | 1/08 | 2/08 | 3/08 | 4/08 | 5/08 | 6/08 | 7/08 | 8/08 | 9/08 |
| Maximum activity | 0.000472 | 0.000714 | 0.001580 | 0.005850 | 0.002980 | 0.017700 | 0.000191 | 0.000211 | 0.000241 | 0.000282 | 0.000295 | 0.000287 |
| 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 | 0.2 | 0.4 | 1.3 | 0.7 | 3.9 | 0 | 0 | 0.1 | 0.1 | 0.1 | 0.1 |
| Reactor Coolant System Activity | 10/08 | 11/08 | 12/08 | 1/09 | 2/09 | 3/09 | 4/09 | 5/09 | 6/09 | 7/09 | 8/09 | 9/09 |
| Maximum activity | 0.000304 | 0.000316 | 0.000417 | 0.000343 | 0.000358 | 0.000380 | 0.000415 | 0.000384 | 0.000398 | 0.000421 | 0.000415 | 0.000796 |
| 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 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 |

Licensee Comments: none

Reactor Coolant System Leakage



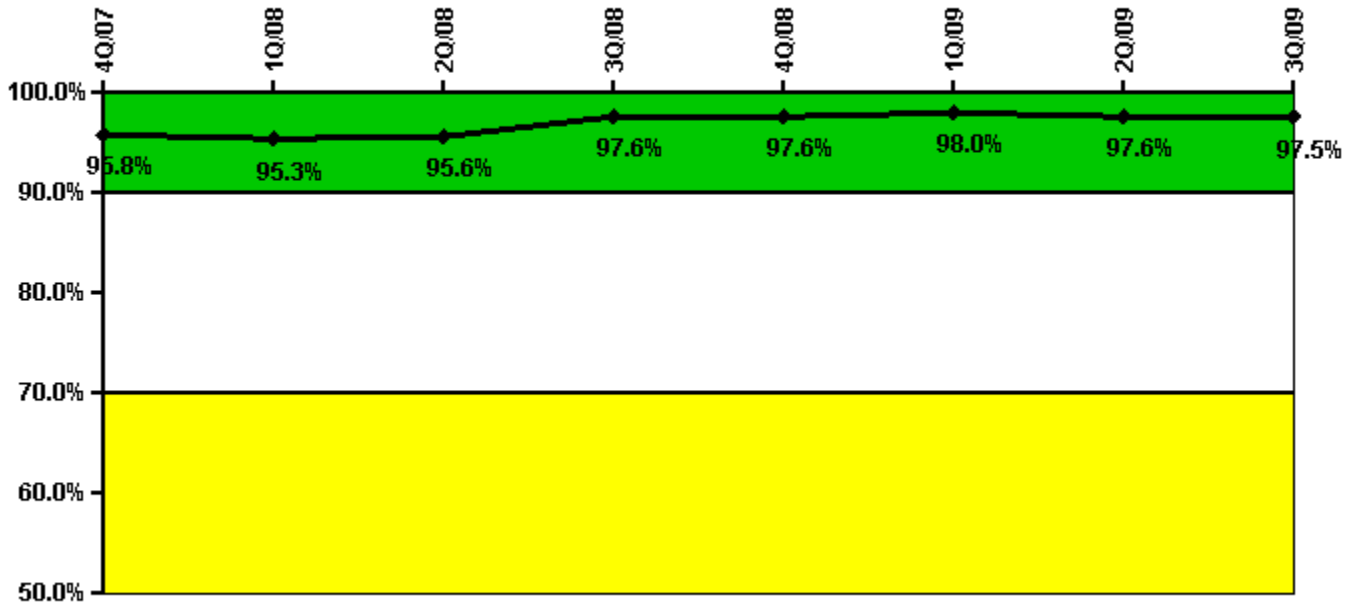
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Leakage | 10/07 | 11/07 | 12/07 | 1/08 | 2/08 | 3/08 | 4/08 | 5/08 | 6/08 | 7/08 | 8/08 | 9/08 |
|--------------------------------|-------|-------|-------|------|------|------|------|------|------|------|------|------|
| 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 | 10/08 | 11/08 | 12/08 | 1/09 | 2/09 | 3/09 | 4/09 | 5/09 | 6/09 | 7/09 | 8/09 | 9/09 |
| 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



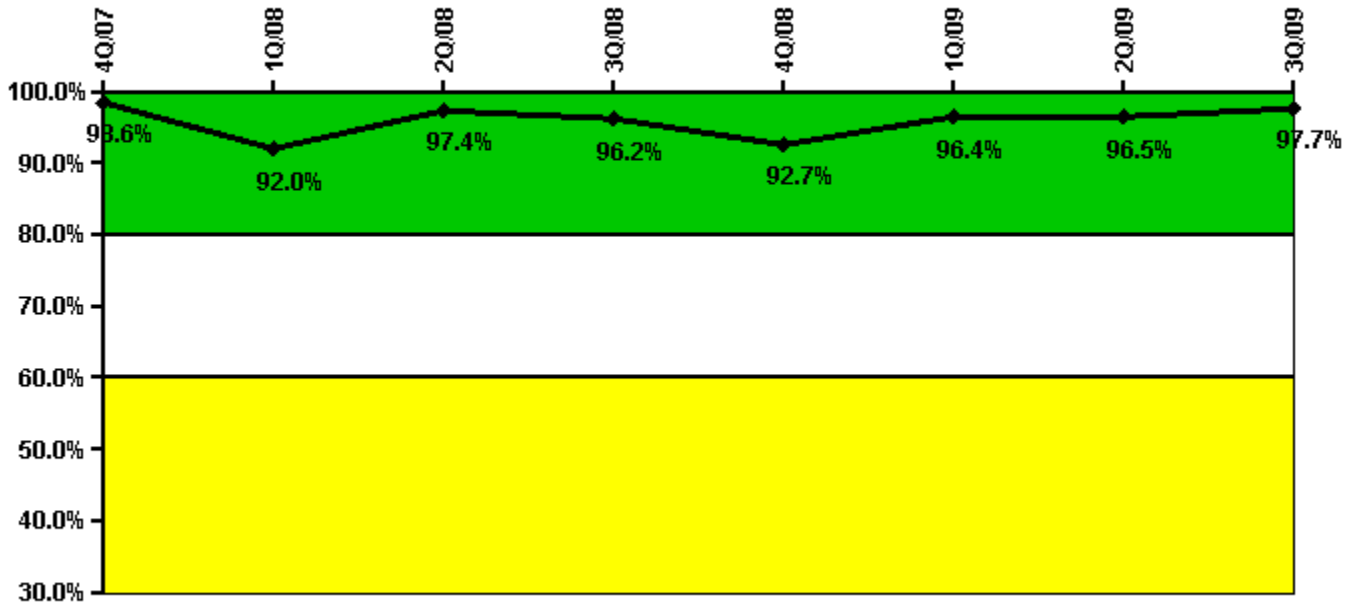
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 52.0 | 22.0 | 25.0 | 36.0 | 0 | 32.0 | 49.0 | 20.0 |
| Total opportunities | 52.0 | 24.0 | 26.0 | 37.0 | 0 | 32.0 | 51.0 | 20.0 |
| | | | | | | | | |
| Indicator value | 95.8% | 95.3% | 95.6% | 97.6% | 97.6% | 98.0% | 97.6% | 97.5% |

Licensee Comments: none

ERO Drill Participation



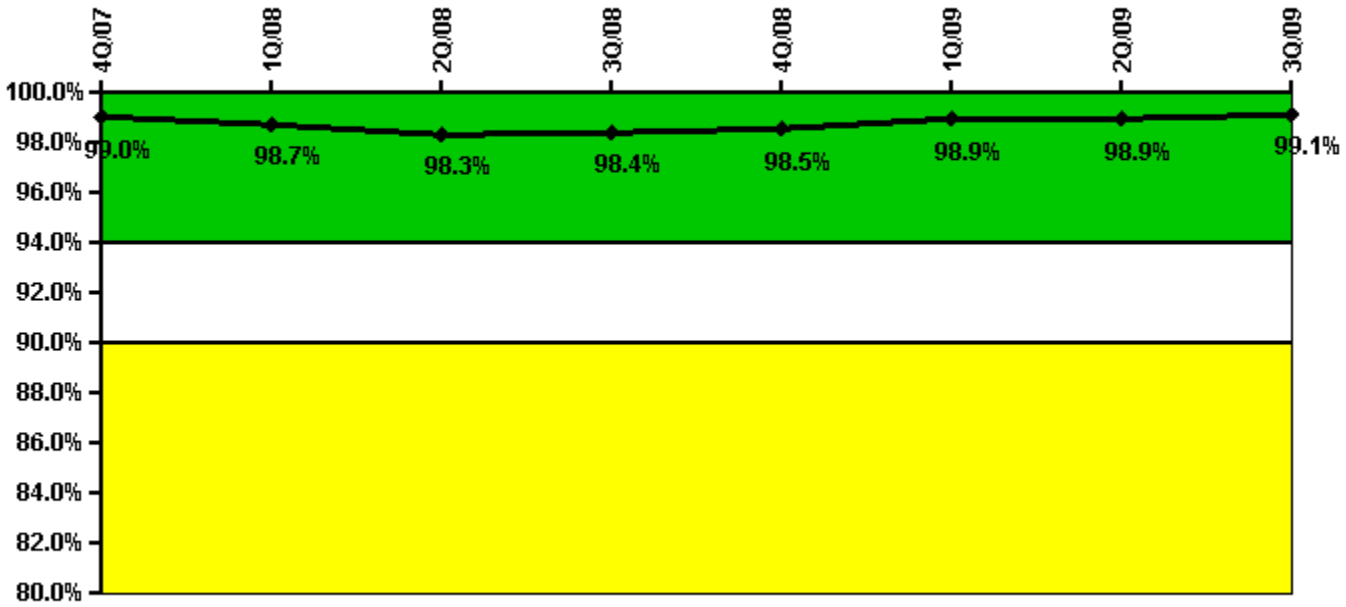
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Participating Key personnel | 72.0 | 81.0 | 76.0 | 76.0 | 76.0 | 80.0 | 83.0 | 84.0 |
| Total Key personnel | 73.0 | 88.0 | 78.0 | 79.0 | 82.0 | 83.0 | 86.0 | 86.0 |
| | | | | | | | | |
| Indicator value | 98.6% | 92.0% | 97.4% | 96.2% | 92.7% | 96.4% | 96.5% | 97.7% |

Licensee Comments: none

Alert & Notification System



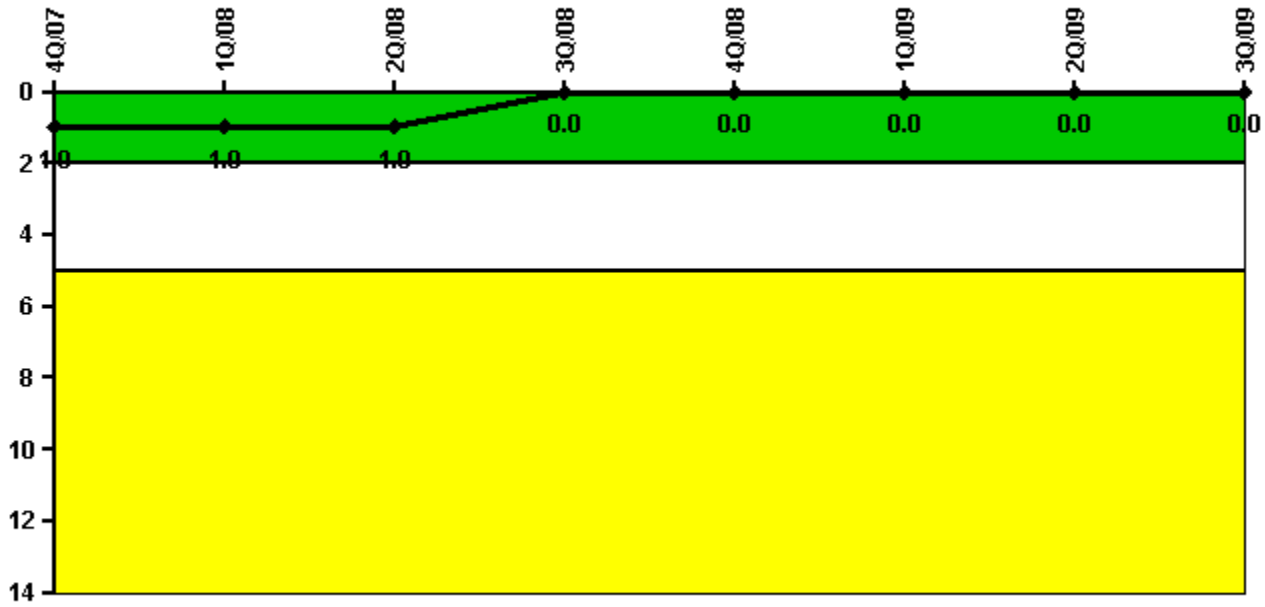
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 213 | 213 | 211 | 426 | 427 | 432 | 424 | 430 |
| Total sirens-tests | 216 | 216 | 216 | 432 | 432 | 432 | 432 | 432 |
| | | | | | | | | |
| Indicator value | 99.0% | 98.7% | 98.3% | 98.4% | 98.5% | 98.9% | 98.9% | 99.1% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

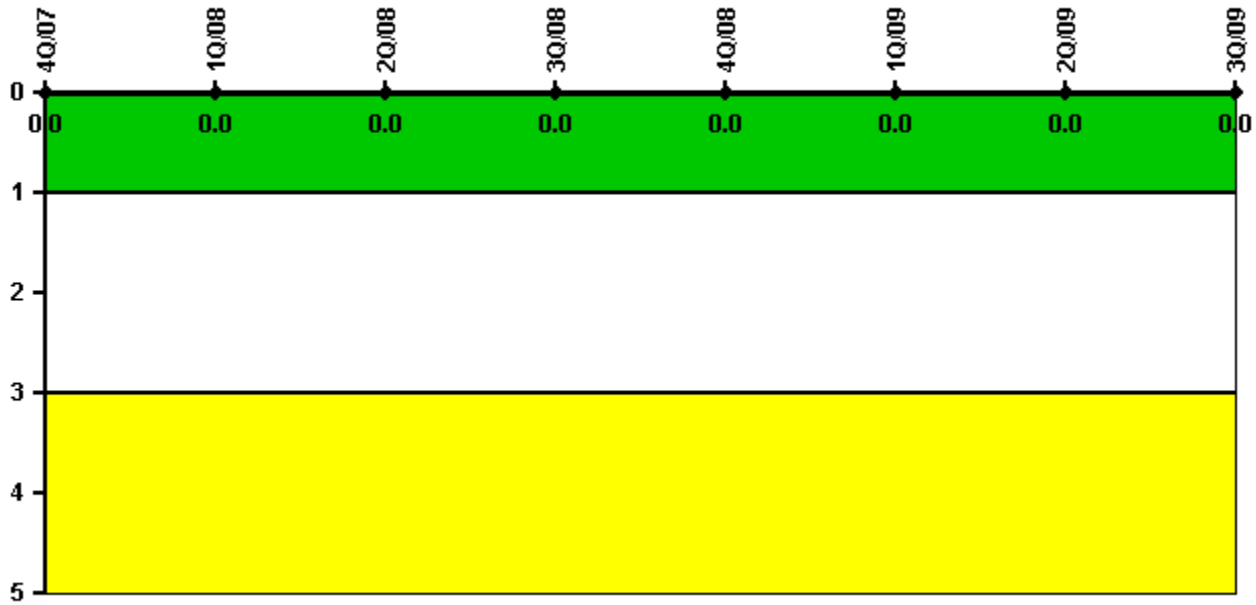
Notes

| Occupational Exposure Control Effectiveness | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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 |
| Indicator value | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments:

2Q/09: An entry into "High Radiation Area Occurences" was made in error for June 2009. The value has been corrected to "0"

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

| RETS/ODCM Radiological Effluent | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

[Security](#) information not publicly available.

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

Last Modified: November 30, 2009