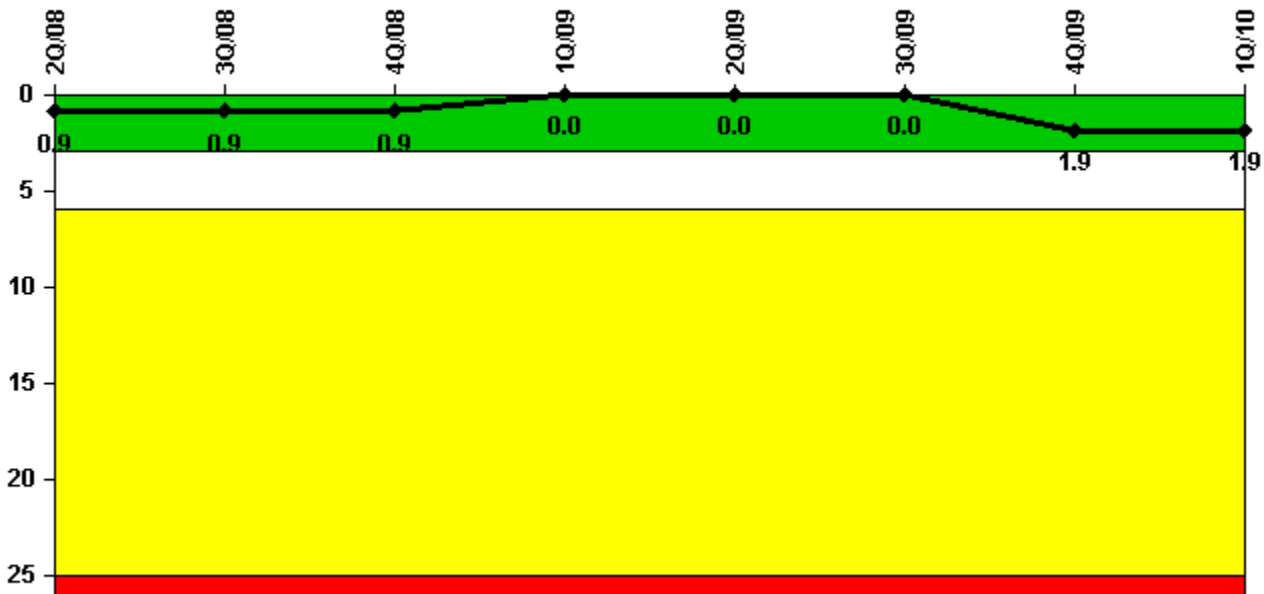


Summer

1Q/2010 Performance Indicators

Licensee's General Comments: Update comment section to reflect LER Number for 1st quarter SSFF.

Unplanned Scrams per 7000 Critical Hrs



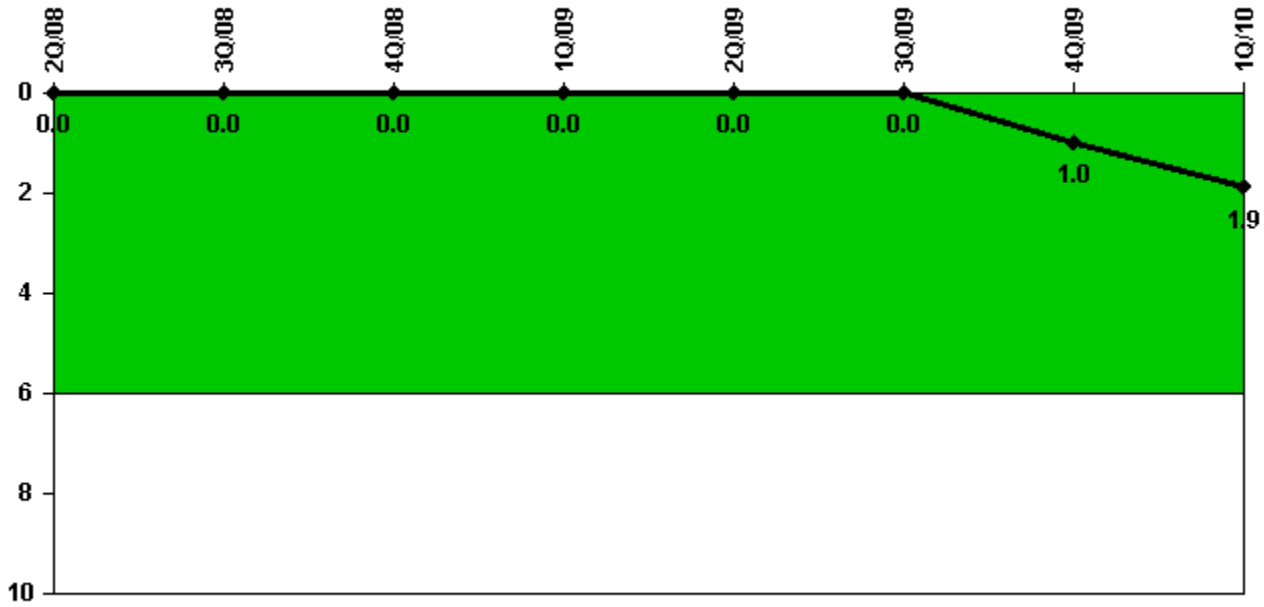
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 |
|--|--------|--------|--------|--------|--------|--------|-------|--------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 0 | 0 | 2.0 | 0 |
| Critical hours | 1031.8 | 2208.0 | 2209.0 | 2159.0 | 2184.0 | 2208.0 | 688.6 | 2159.0 |
| Indicator value | 0.9 | 0.9 | 0.9 | 0 | 0 | 0 | 1.9 | 1.9 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

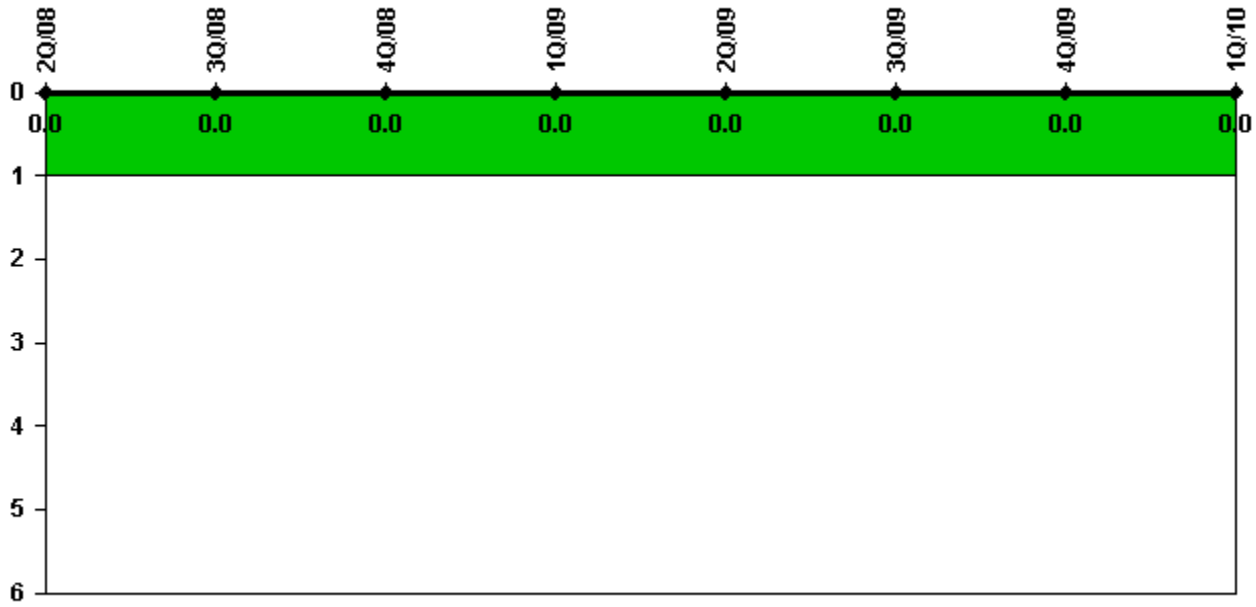
Notes

| Unplanned Power Changes per 7000 Critical Hrs | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 |
|---|--------|--------|--------|--------|--------|--------|-------|--------|
| Unplanned power changes | 0 | 0 | 0 | 0 | 0 | 0 | 1.0 | 1.0 |
| Critical hours | 1031.8 | 2208.0 | 2209.0 | 2159.0 | 2184.0 | 2208.0 | 688.6 | 2159.0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 1.0 | 1.9 |

Licensee Comments:

1Q/10: 2/4/2010 Plant power was reduced from 100% to 14% and generator breaker opened to repair switchyard air disconnect 8901.

Unplanned Scrams with Complications



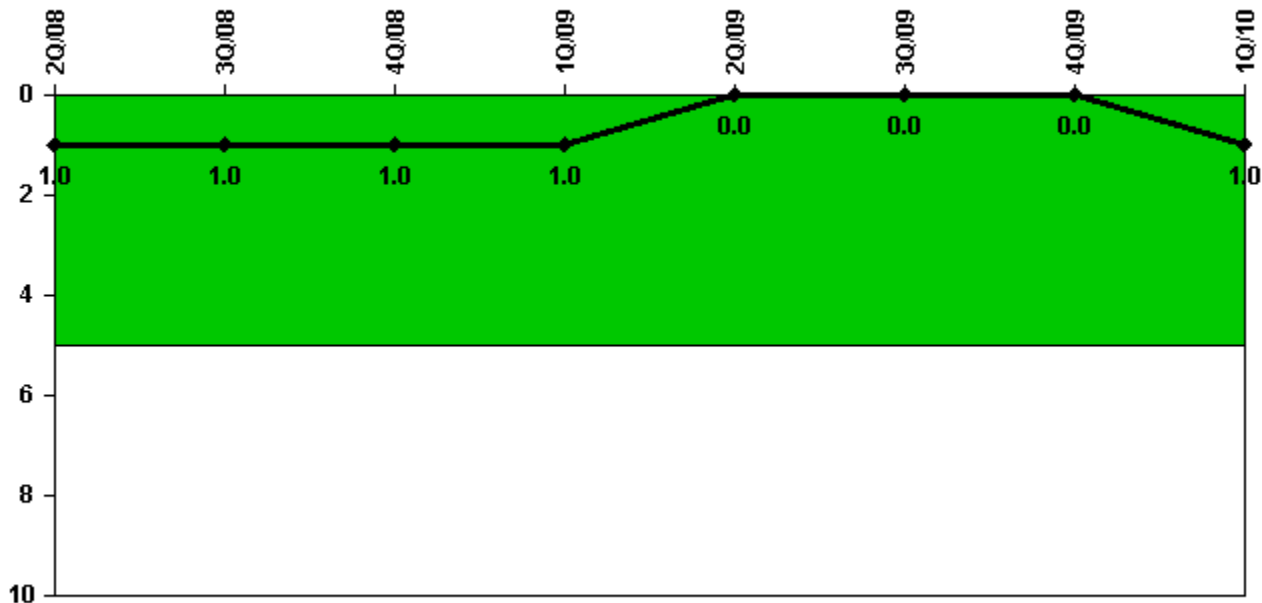
Thresholds: White > 1.0

Notes

| Unplanned Scrams with Complications | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 |
|-------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 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

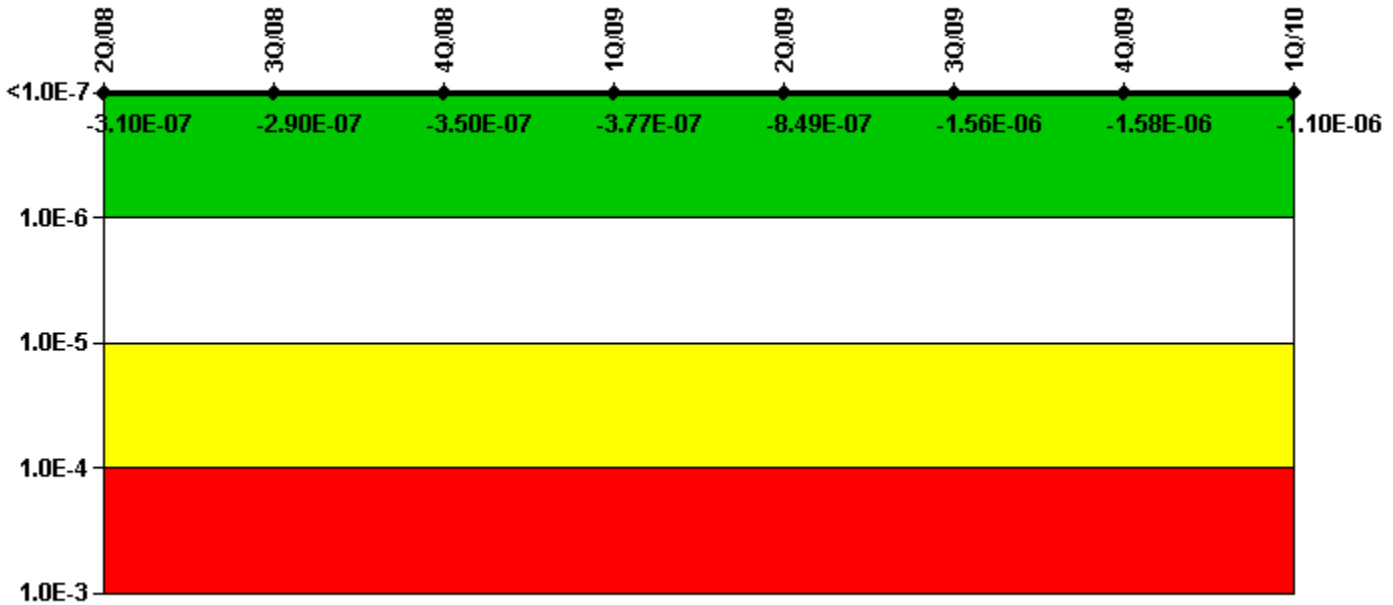
Notes

| Safety System Functional Failures (PWR) | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Indicator value | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 |

Licensee Comments:

1Q/10: Docket Number 05000395 LER Number 2009-3-0 outlines potential loss or Residual Heat Removal Safety Function in Mode 4 due to analyzed condition.

Mitigating Systems Performance Index, Emergency AC Power System



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

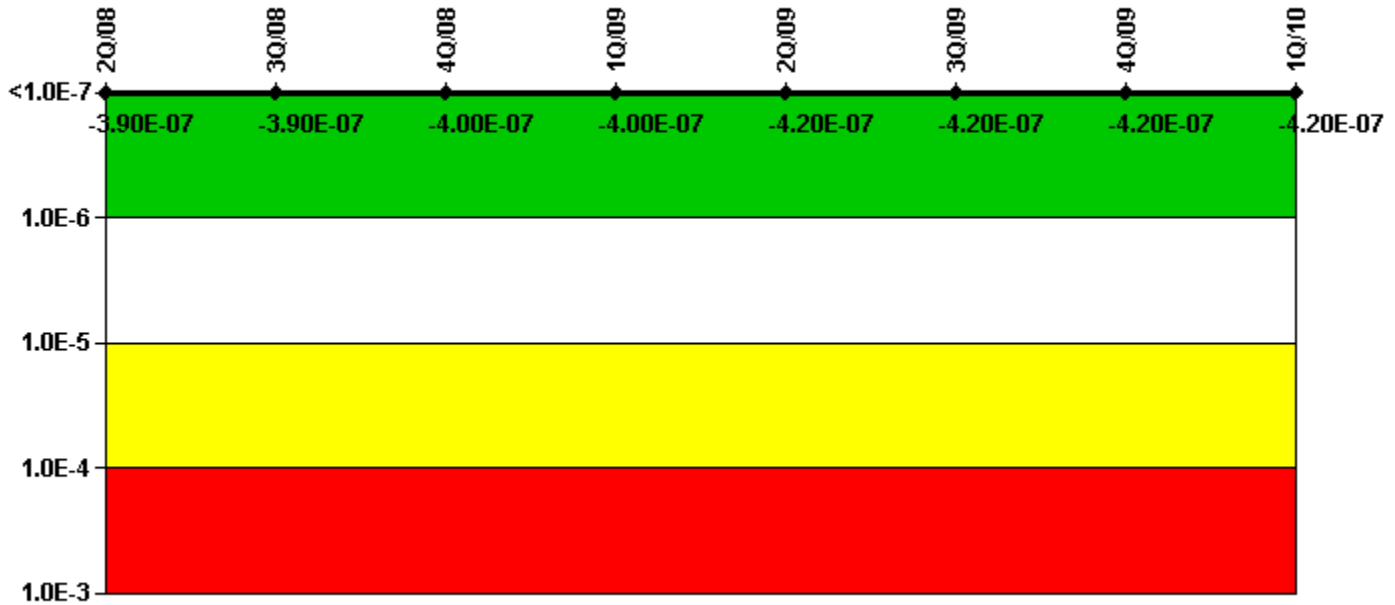
Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 1.50E-07 | 1.70E-07 | 1.10E-07 | 9.30E-08 | 9.10E-08 | 4.50E-08 | 2.00E-08 | -3.97E-08 |
| URI (Δ CDF) | -4.60E-07 | -4.60E-07 | -4.60E-07 | -4.70E-07 | -9.40E-07 | -1.60E-06 | -1.60E-06 | -1.11E-06 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -3.10E-07 | -2.90E-07 | -3.50E-07 | -3.77E-07 | -8.49E-07 | -1.56E-06 | -1.58E-06 | -1.10E-06 |

Licensee Comments:

1Q/10: Risk Cap Invoked. An age related degradation of the elastomeric material in the mechanical seal of the "A" Diesel Generator Jacket Cooling Water Pump resulted in an estimated three gpm leakage. This required 16.3 hours of unplanned unavailability to repair.

Mitigating Systems Performance Index, High Pressure Injection System



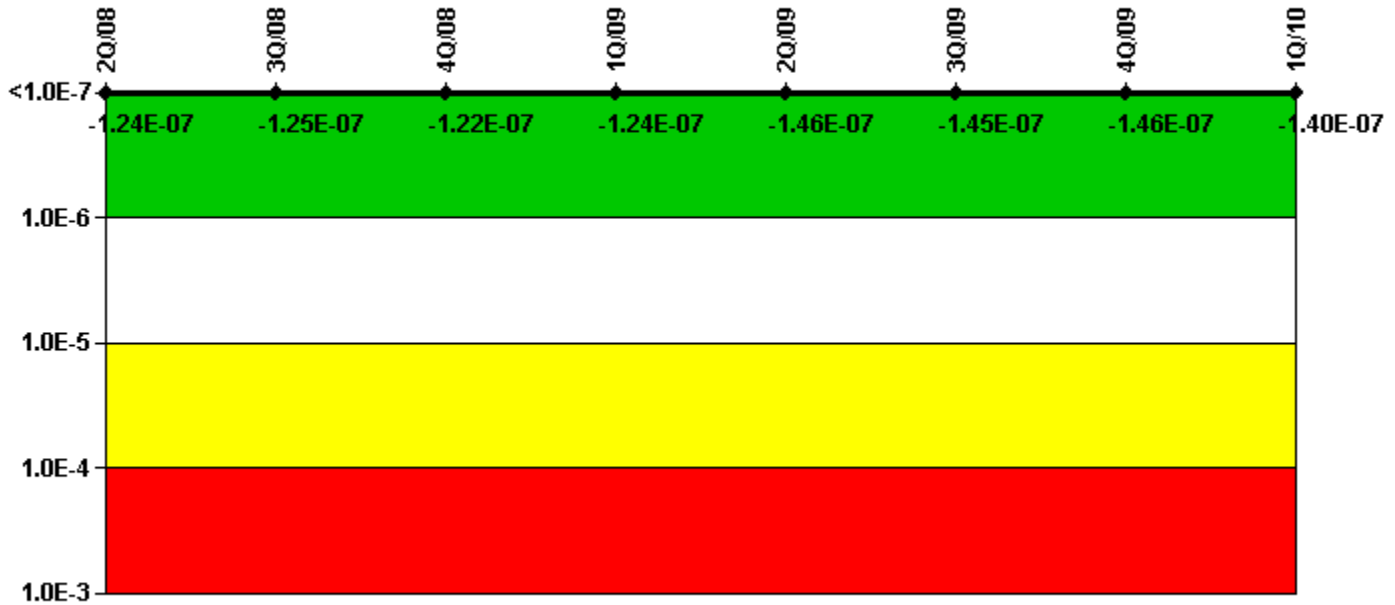
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -1.50E-07 | -1.50E-07 | -1.50E-07 | -1.50E-07 | -1.70E-07 | -1.70E-07 | -1.70E-07 | -1.66E-07 |
| URI (Δ CDF) | -2.40E-07 | -2.40E-07 | -2.50E-07 | -2.50E-07 | -2.50E-07 | -2.50E-07 | -2.50E-07 | -2.54E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -3.90E-07 | -3.90E-07 | -4.00E-07 | -4.00E-07 | -4.20E-07 | -4.20E-07 | -4.20E-07 | -4.20E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



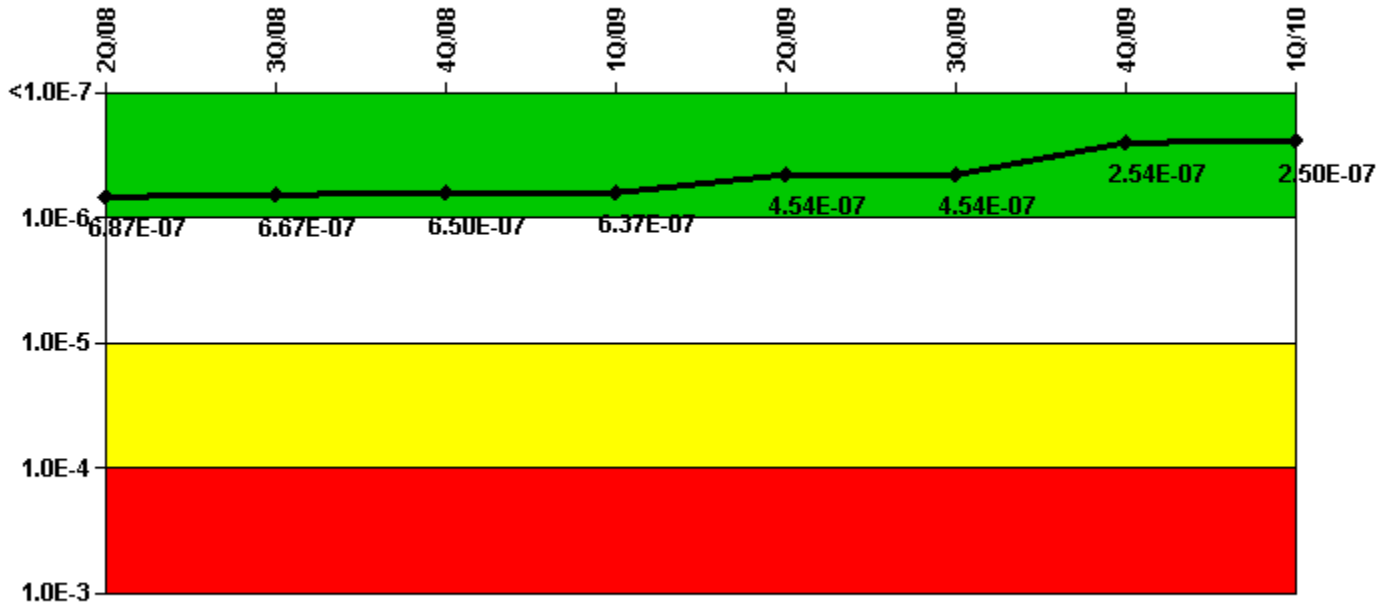
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Heat Removal System | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -2.40E-08 | -2.50E-08 | -2.20E-08 | -2.40E-08 | -2.60E-08 | -2.50E-08 | -2.60E-08 | -2.63E-08 |
| URI (Δ CDF) | -1.00E-07 | -1.00E-07 | -1.00E-07 | -1.00E-07 | -1.20E-07 | -1.20E-07 | -1.20E-07 | -1.18E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.24E-07 | -1.25E-07 | -1.22E-07 | -1.24E-07 | -1.46E-07 | -1.45E-07 | -1.46E-07 | -1.40E-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 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -2.30E-08 | -2.30E-08 | -2.00E-08 | -2.30E-08 | -1.60E-08 | -1.60E-08 | -1.60E-08 | -1.60E-08 |
| URI (Δ CDF) | 7.10E-07 | 6.90E-07 | 6.70E-07 | 6.60E-07 | 4.70E-07 | 4.70E-07 | 2.70E-07 | 2.70E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 6.87E-07 | 6.67E-07 | 6.50E-07 | 6.37E-07 | 4.54E-07 | 4.54E-07 | 2.54E-07 | 2.50E-07 |

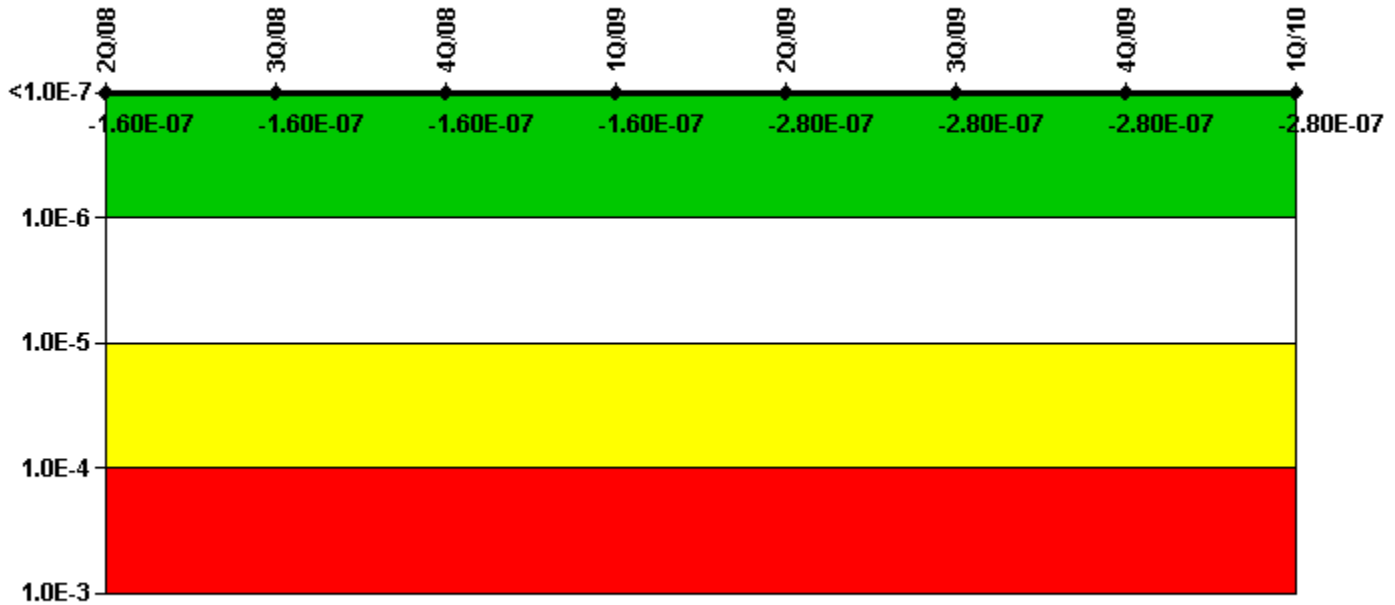
Licensee Comments:

2Q/09: A 2nd quarter 2009 PRA revision incorporated changes to initiating event frequencies, equipment history and human reliability analysis values. There were no scoping changes or major changes to modeling methodology.

4Q/07: Minor changes to PRA parameters, based on PRA model revision 5a for improved modeling of a non-MSPI system and human reliability dependency multipliers.

3Q/07: Periodic review of PRA model resulted in 0.05% change in Core Damage Frequency

Mitigating Systems Performance Index, Cooling Water Systems



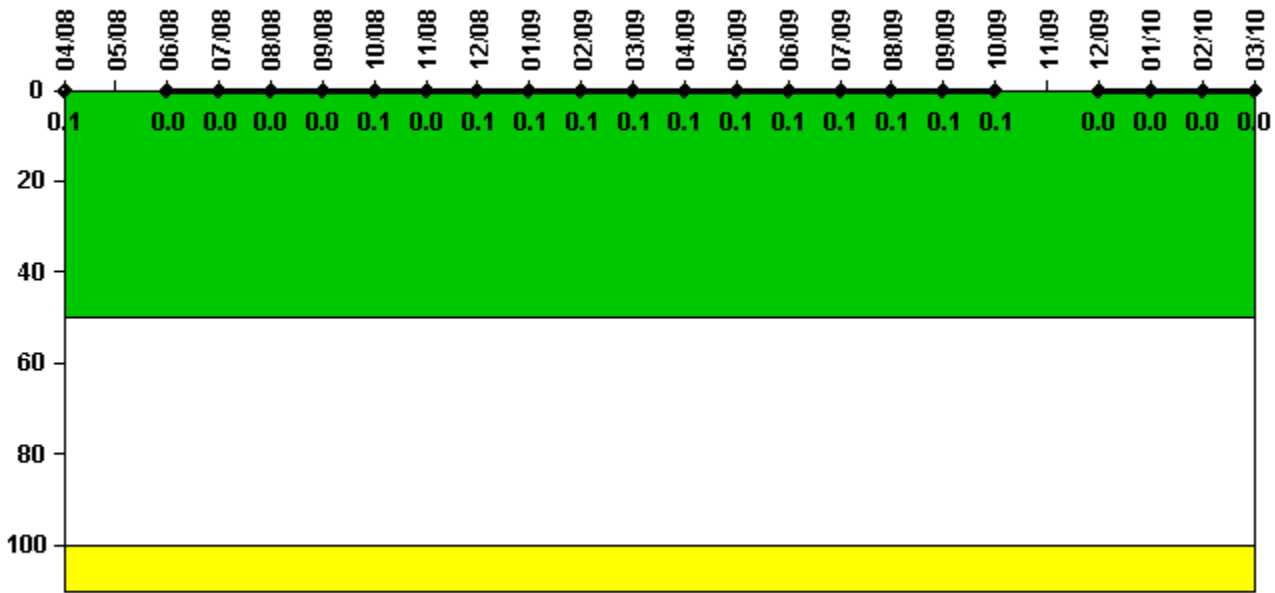
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 1.00E-08 | 1.00E-08 | 1.00E-08 | 1.00E-08 | -3.00E-08 | -3.00E-08 | -3.00E-08 | -3.00E-08 |
| URI (Δ CDF) | -1.70E-07 | -1.70E-07 | -1.70E-07 | -1.70E-07 | -2.50E-07 | -2.50E-07 | -2.50E-07 | -2.48E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.60E-07 | -1.60E-07 | -1.60E-07 | -1.60E-07 | -2.80E-07 | -2.80E-07 | -2.80E-07 | -2.80E-07 |

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

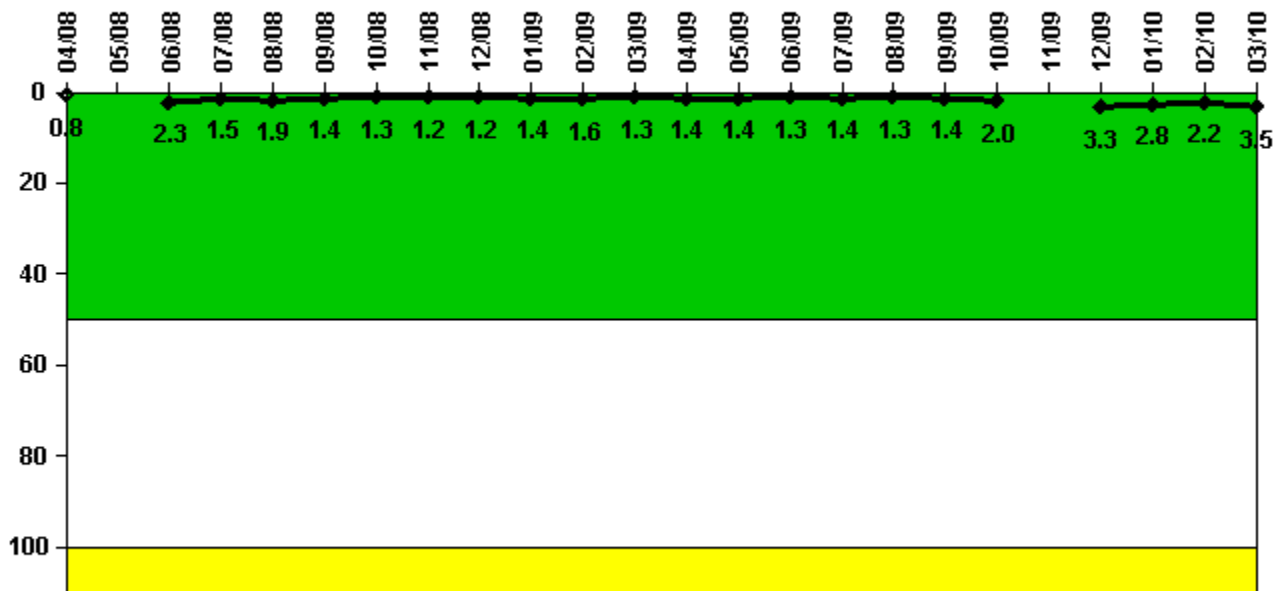
Notes

| Reactor Coolant System Activity | 4/08 | 5/08 | 6/08 | 7/08 | 8/08 | 9/08 | 10/08 | 11/08 | 12/08 | 1/09 | 2/09 | 3/09 |
|---------------------------------|----------|------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.001238 | N/A | 0.000446 | 0.000466 | 0.000476 | 0.000485 | 0.000530 | 0.000493 | 0.000514 | 0.000518 | 0.000519 | 0.000547 |
| 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 | N/A | 0 | 0 | 0 | 0 | 0.1 | 0 | 0.1 | 0.1 | 0.1 | 0.1 |

| Reactor Coolant System Activity | 4/09 | 5/09 | 6/09 | 7/09 | 8/09 | 9/09 | 10/09 | 11/09 | 12/09 | 1/10 | 2/10 | 3/10 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|-------|----------|----------|----------|----------|
| Maximum activity | 0.000548 | 0.000565 | 0.000571 | 0.000585 | 0.000627 | 0.000615 | 0.000598 | N/A | 0.000221 | 0.000203 | 0.000208 | 0.000214 |
| 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 | 0.1 | 0.1 | N/A | 0 | 0 | 0 | 0 |

Licensee Comments: none

Reactor Coolant System Leakage



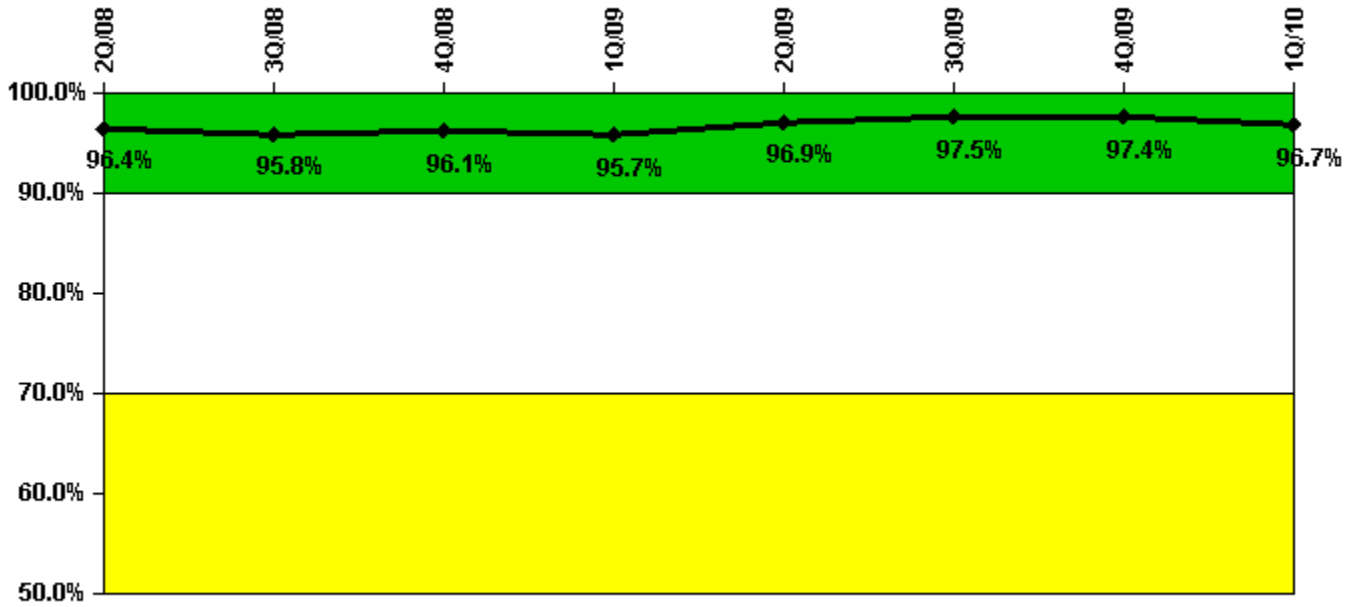
Thresholds: White > 50.0 Yellow > 100.0

Notes

| | | | | | | | | | | | | |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Reactor Coolant System Leakage | 4/08 | 5/08 | 6/08 | 7/08 | 8/08 | 9/08 | 10/08 | 11/08 | 12/08 | 1/09 | 2/09 | 3/09 |
| Maximum leakage | 0.080 | N/A | 0.230 | 0.150 | 0.190 | 0.140 | 0.130 | 0.120 | 0.120 | 0.140 | 0.160 | 0.130 |
| 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 | 0.8 | N/A | 2.3 | 1.5 | 1.9 | 1.4 | 1.3 | 1.2 | 1.2 | 1.4 | 1.6 | 1.3 |
| Reactor Coolant System Leakage | 4/09 | 5/09 | 6/09 | 7/09 | 8/09 | 9/09 | 10/09 | 11/09 | 12/09 | 1/10 | 2/10 | 3/10 |
| Maximum leakage | 0.140 | 0.140 | 0.130 | 0.140 | 0.130 | 0.140 | 0.200 | N/A | 0.330 | 0.280 | 0.220 | 0.350 |
| 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 | 1.4 | 1.3 | 1.4 | 1.3 | 1.4 | 2.0 | N/A | 3.3 | 2.8 | 2.2 | 3.5 |

Licensee Comments: none

Drill/Exercise Performance



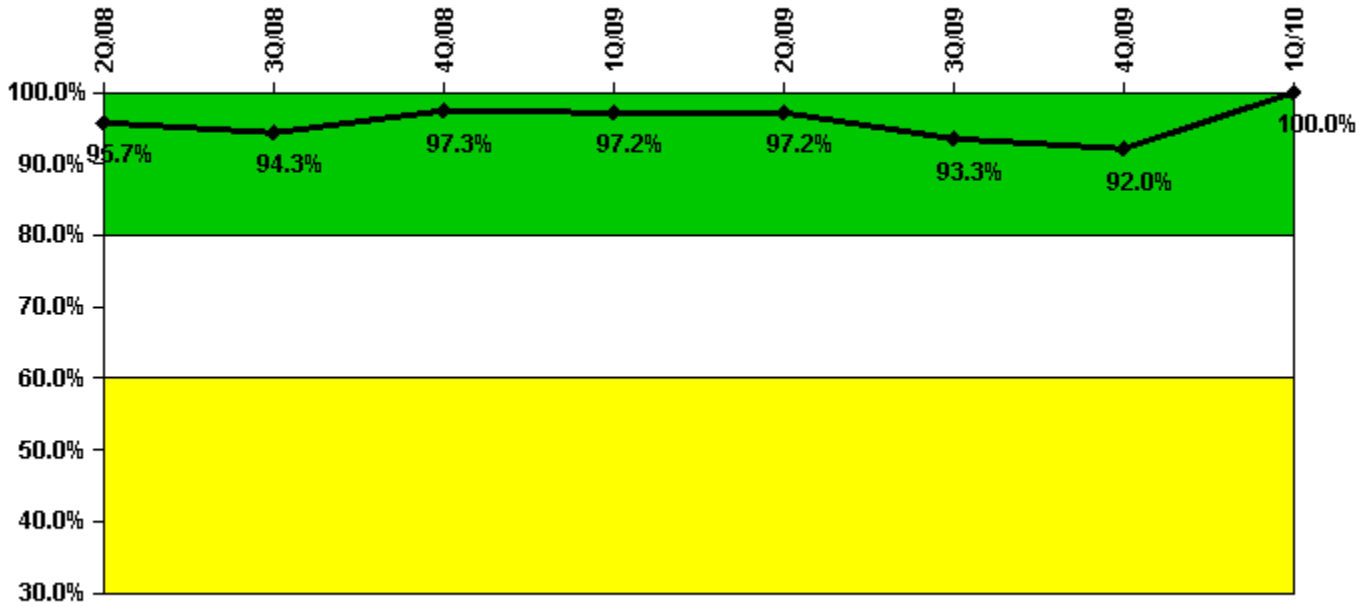
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 0 | 24.0 | 16.0 | 11.0 | 24.0 | 31.0 | 2.0 | 38.0 |
| Total opportunities | 0 | 25.0 | 16.0 | 12.0 | 24.0 | 32.0 | 2.0 | 40.0 |
| | | | | | | | | |
| Indicator value | 96.4% | 95.8% | 96.1% | 95.7% | 96.9% | 97.5% | 97.4% | 96.7% |

Licensee Comments: none

ERO Drill Participation



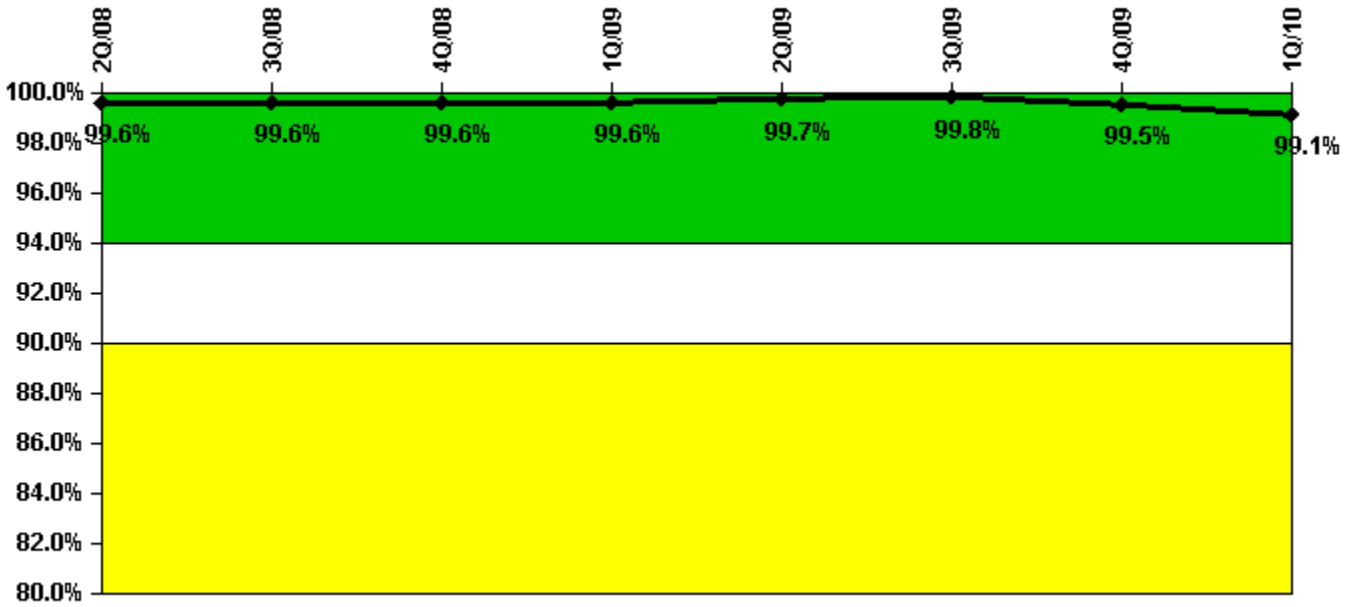
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|--------|
| Participating Key personnel | 66.0 | 66.0 | 71.0 | 70.0 | 69.0 | 70.0 | 69.0 | 71.0 |
| Total Key personnel | 69.0 | 70.0 | 73.0 | 72.0 | 71.0 | 75.0 | 75.0 | 71.0 |
| | | | | | | | | |
| Indicator value | 95.7% | 94.3% | 97.3% | 97.2% | 97.2% | 93.3% | 92.0% | 100.0% |

Licensee Comments: none

Alert & Notification System



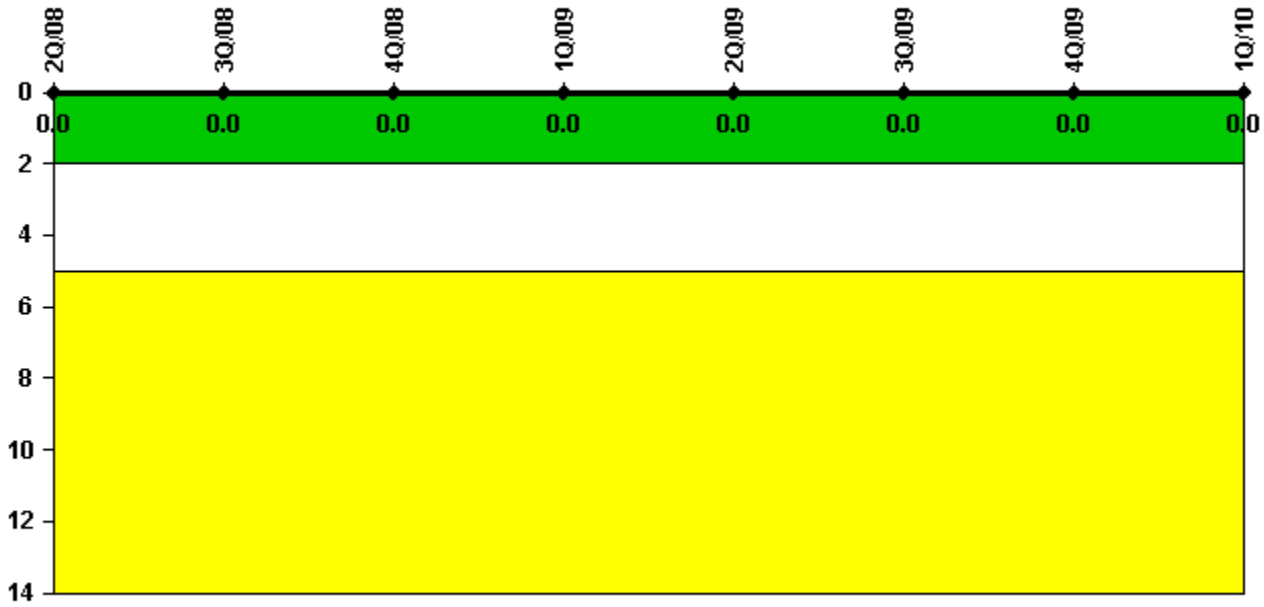
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 738 | 845 | 739 | 845 | 742 | 847 | 729 | 833 |
| Total sirens-tests | 742 | 848 | 742 | 848 | 742 | 848 | 742 | 848 |
| | | | | | | | | |
| Indicator value | 99.6% | 99.6% | 99.6% | 99.6% | 99.7% | 99.8% | 99.5% | 99.1% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



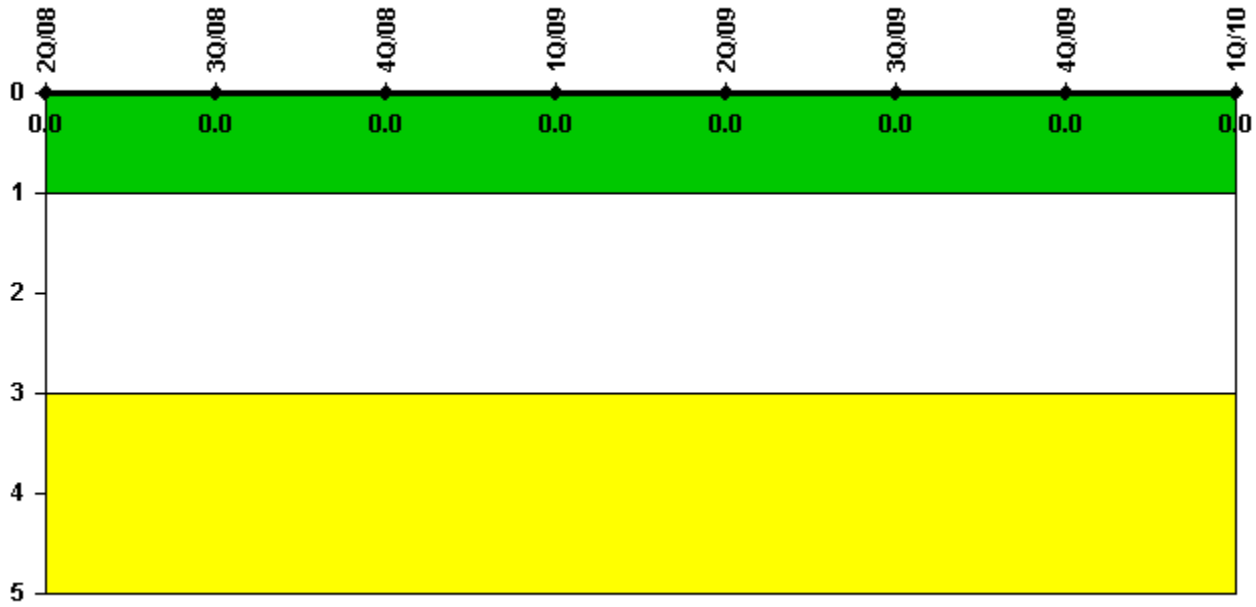
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

| RETS/ODCM Radiological Effluent | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 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.