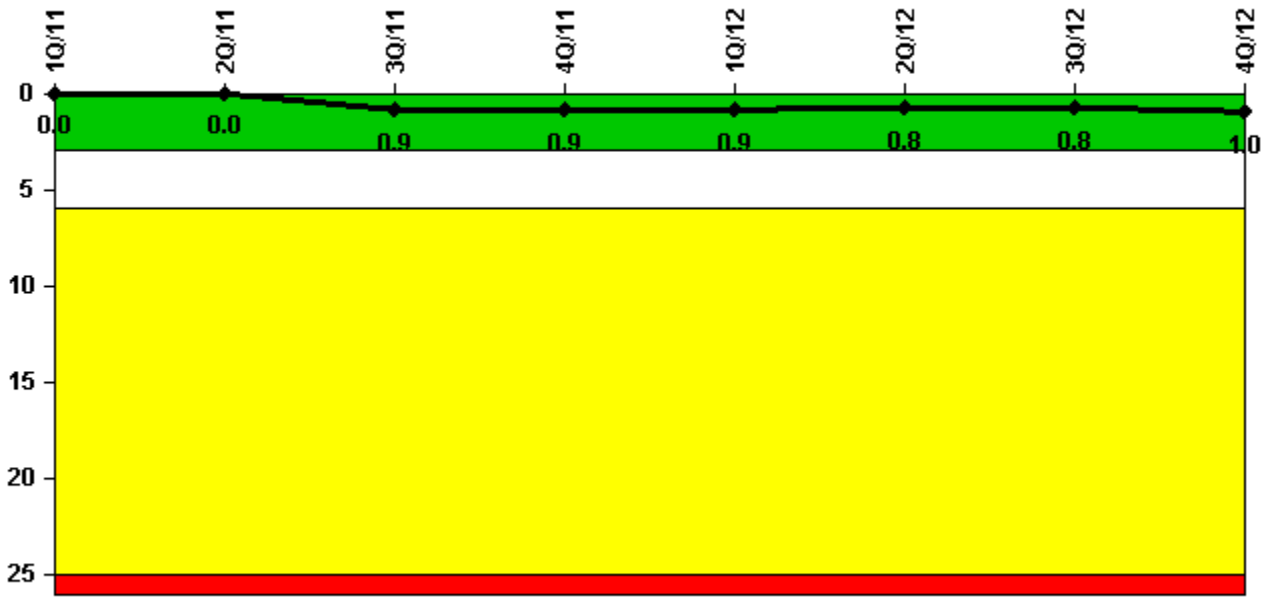


Prairie Island 1

4Q/2012 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



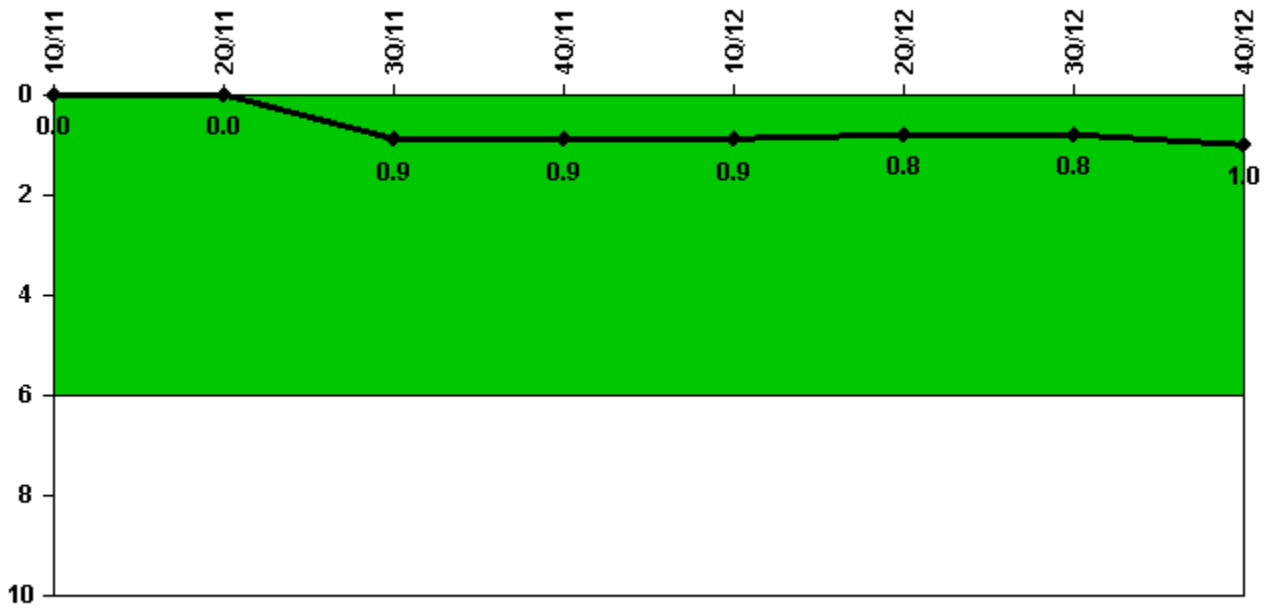
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 |
|--|----------|----------|------------|------------|------------|------------|------------|------------|
| Unplanned scrams | 0 | 0 | 1.0 | 0 | 0 | 0 | 1.0 | 0 |
| Critical hours | 2159.0 | 1194.7 | 2183.9 | 2209.0 | 2183.0 | 2184.0 | 2095.9 | 533.8 |
| Indicator value | 0 | 0 | 0.9 | 0.9 | 0.9 | 0.8 | 0.8 | 1.0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



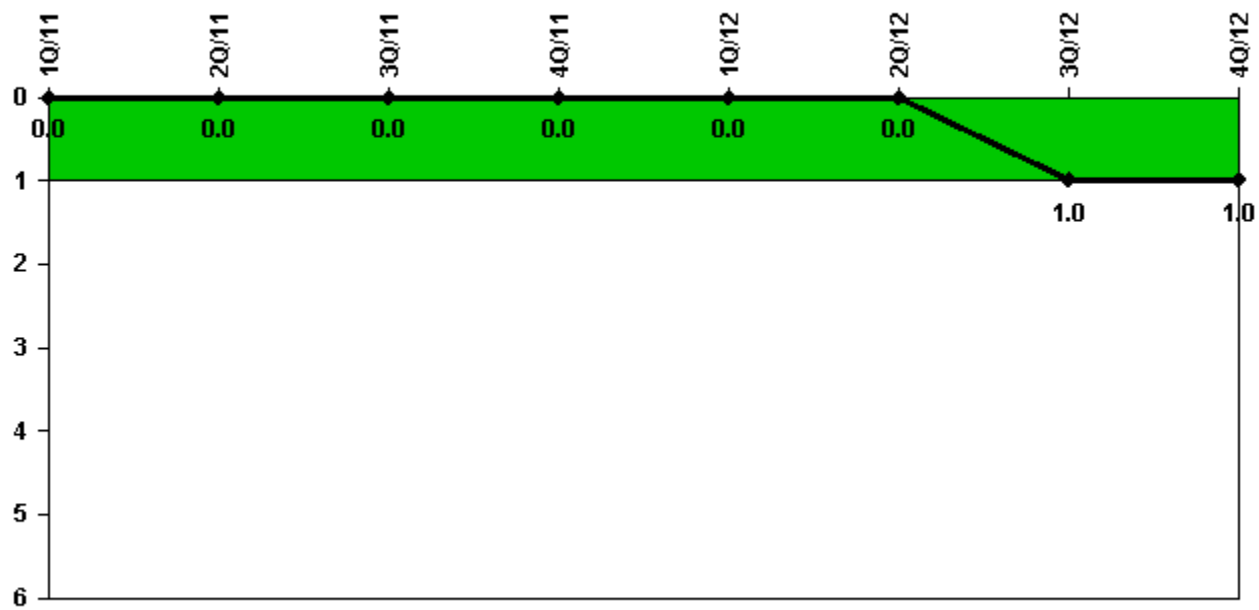
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 |
|---|----------|----------|------------|------------|------------|------------|------------|------------|
| Unplanned power changes | 0 | 0 | 1.0 | 0 | 0 | 0 | 1.0 | 0 |
| Critical hours | 2159.0 | 1194.7 | 2183.9 | 2209.0 | 2183.0 | 2184.0 | 2095.9 | 533.8 |
| Indicator value | 0 | 0 | 0.9 | 0.9 | 0.9 | 0.8 | 0.8 | 1.0 |

Licensee Comments: none

Unplanned Scrams with Complications



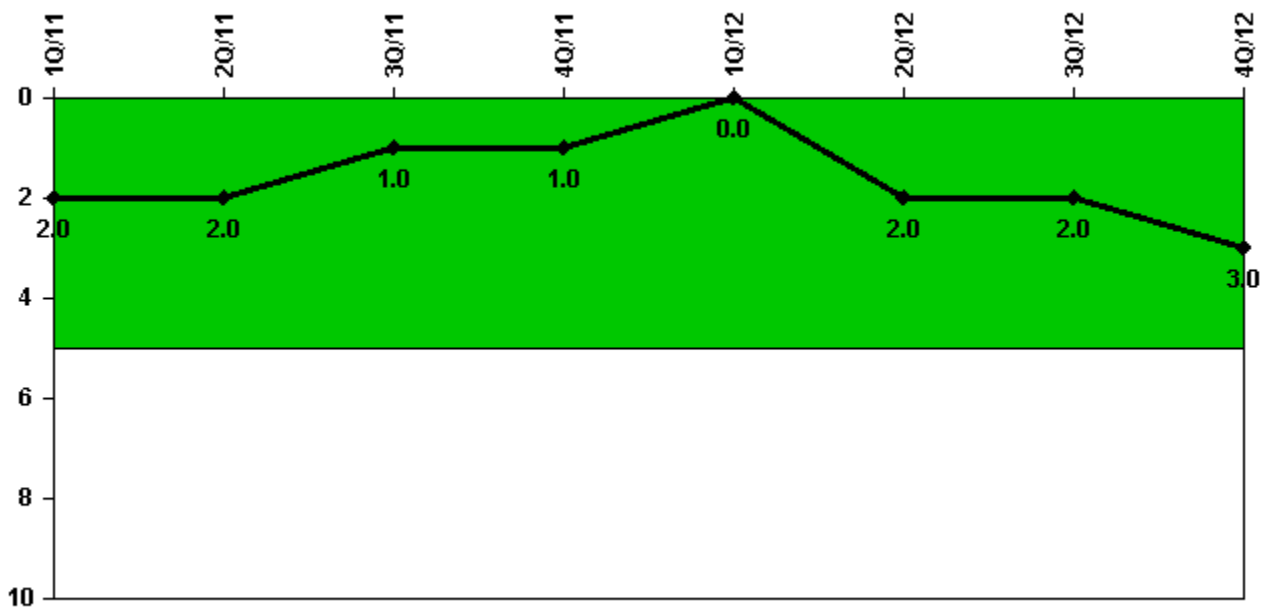
Thresholds: White > 1.0

Notes

| Unplanned Scrams with Complications | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 |
|-------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Scrams with complications | 0 | 0 | 0 | 0 | 0 | 0 | 1.0 | 0 |
| | | | | | | | | |
| Indicator value | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 |

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

| Safety System Functional Failures (PWR) | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Safety System Functional Failures | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 1 |
| Indicator value | 2 | 2 | 1 | 1 | 0 | 2 | 2 | 3 |

Licensee Comments:

4Q/12: LER 50-282/2012-005-00, Oct 12, 2012, Unit 1 Diesel Generator Declared inoperable due to exhaust fire. Loss of both DGs represents a loss of redundancy in the availability of electrical power systems.

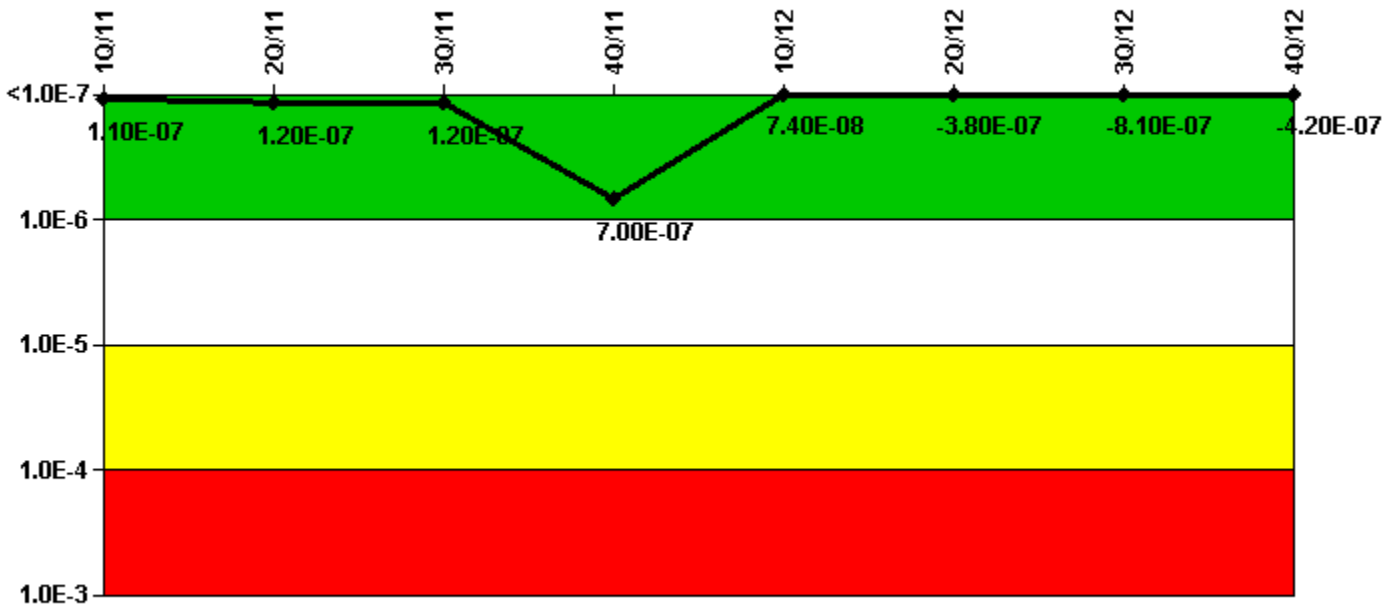
3Q/12: LER 50-282/2012-004-00, Sept 14, 2012, Unit 1 Emergency Diesel Generators Declared inoperable due to high ambient temperatures. This LER was retracted on 12/13/12.

3Q/12: LER 50-282/2012-004-00, Sept 14, 2012, Unit 1 Emergency Diesel Generators Declared inoperable due to high ambient temperatures.

2Q/12: LER# 50-282/2012-001-00, Non-Conservative Calculation of Diesel Fuel Storage Requirements. SSFF for Unit 1 - reported as 2 SSFF's due to the time between issues. Additional engineering evaluation will be done to determine if one SSFF can be retracted.

1Q/11: LER 50-282/2010-004-00 - 1/28/2011 - Battery Charger Inoperability due to Potential Undervoltage Conditions

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 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|------------------|------------------|
| UAI (Δ CDF) | 5.54E-08 | 6.75E-08 | 6.90E-08 | 3.63E-07 | 9.76E-08 | 3.07E-09 | -5.32E-08 | -5.27E-08 |
| URI (Δ CDF) | 5.30E-08 | 5.30E-08 | 5.30E-08 | 3.40E-07 | -2.39E-08 | -3.88E-07 | -7.52E-07 | -3.72E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 1.10E-07 | 1.20E-07 | 1.20E-07 | 7.00E-07 | 7.40E-08 | -3.80E-07 | -8.10E-07 | -4.20E-07 |

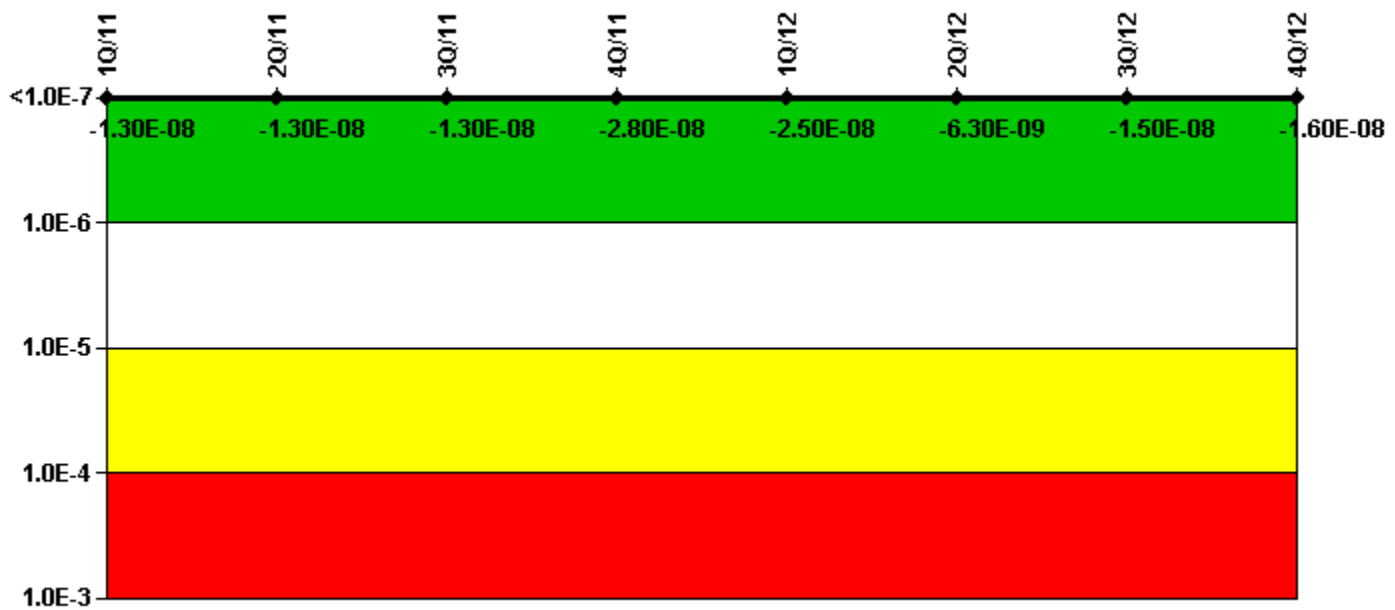
Licensee Comments:

4Q/12: Revised 3rd and 4th quarter 2012 indicator based on incomplete data. No thresholds exceeded, indicator remains green.

3Q/12: Revised 3rd and 4th quarter 2012 indicator based on incomplete data. No thresholds exceeded, indicator remains green.

4Q/11: Changed PRA Parameter(s). All MSPI coefficients changed as a result of the PRA Model being updated to Revision 3.1.

Mitigating Systems Performance Index, High Pressure Injection System



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

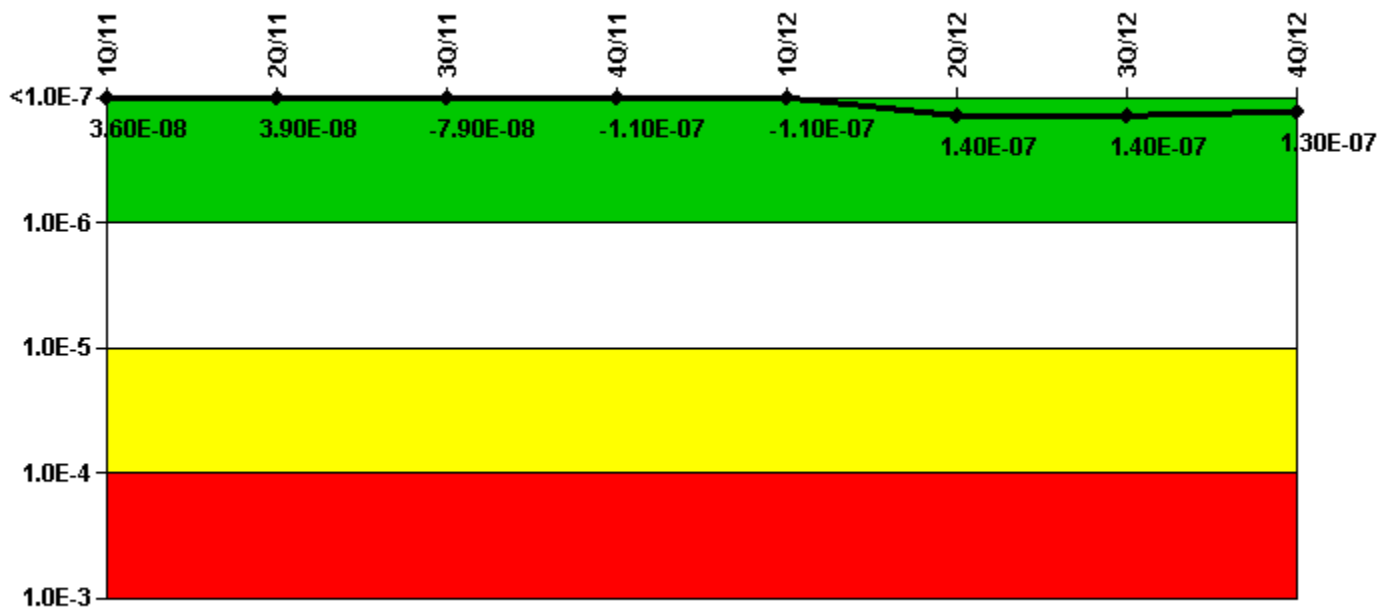
Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -2.50E-09 | -2.17E-09 | -2.17E-09 | -3.63E-09 | -9.25E-10 | 1.91E-08 | 1.09E-08 | 1.16E-08 |
| URI (Δ CDF) | -1.07E-08 | -1.12E-08 | -1.12E-08 | -2.42E-08 | -2.45E-08 | -2.54E-08 | -2.57E-08 | -2.75E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.30E-08 | -1.30E-08 | -1.30E-08 | -2.80E-08 | -2.50E-08 | -6.30E-09 | -1.50E-08 | -1.60E-08 |

Licensee Comments:

4Q/11: Changed PRA Parameter(s). All MSPI coefficients changed as a result of the PRA Model being updated to Revision 3.1.

Mitigating Systems Performance Index, Heat Removal System



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

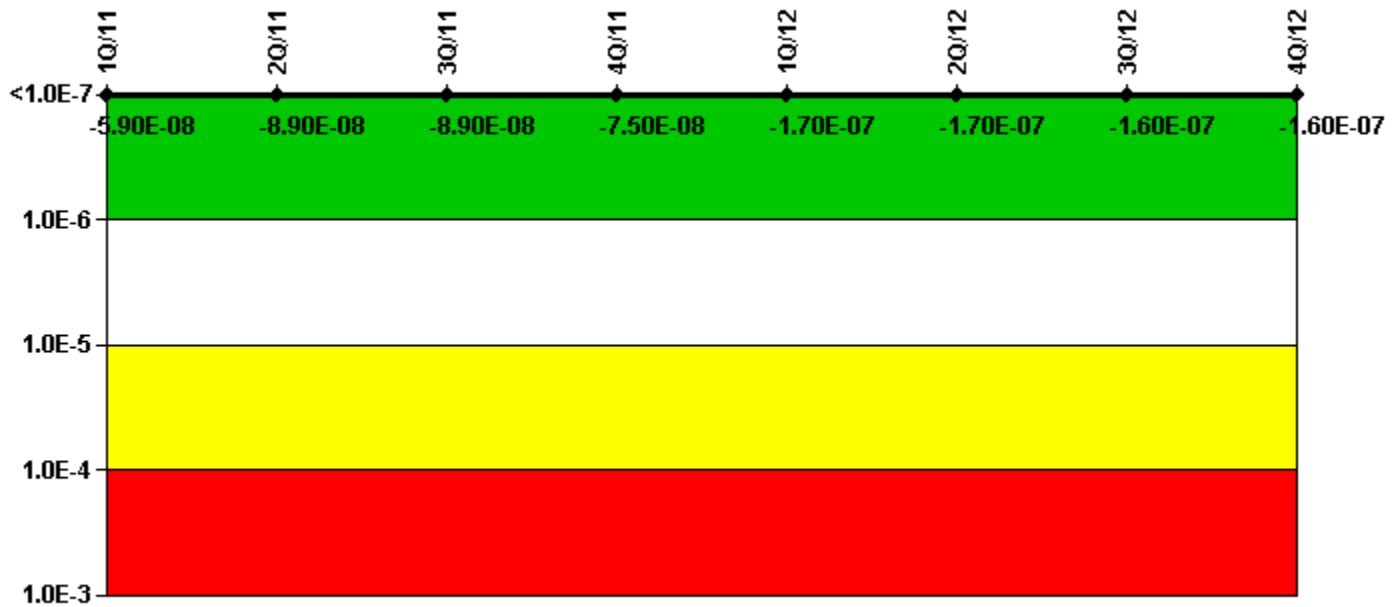
Notes

| Mitigating Systems Performance Index, Heat Removal System | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 |
|---|----------|----------|-----------|-----------|-----------|----------|----------|----------|
| UAI (Δ CDF) | 5.11E-09 | 1.05E-08 | -1.47E-09 | 3.39E-08 | 3.42E-08 | 3.23E-08 | 3.06E-08 | 2.97E-08 |
| URI (Δ CDF) | 3.13E-08 | 2.90E-08 | -7.77E-08 | -1.45E-07 | -1.45E-07 | 1.08E-07 | 1.06E-07 | 1.01E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 3.60E-08 | 3.90E-08 | -7.90E-08 | -1.10E-07 | -1.10E-07 | 1.40E-07 | 1.40E-07 | 1.30E-07 |

Licensee Comments:

4Q/11: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System



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

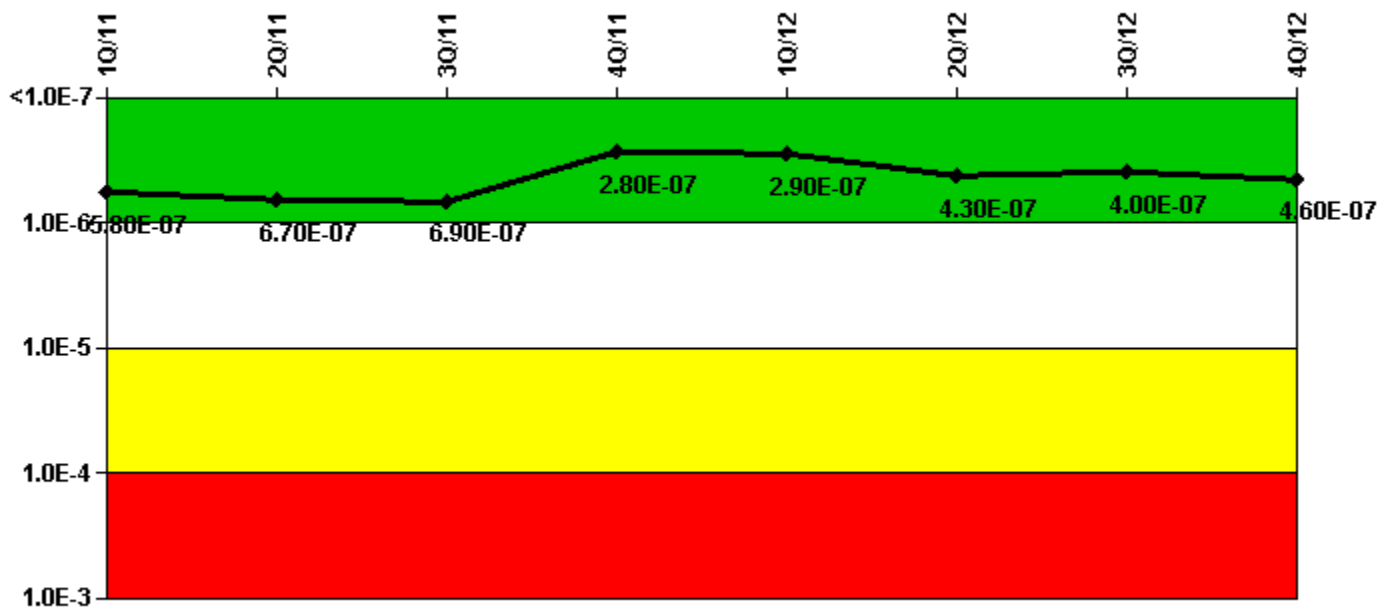
Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 4.26E-08 | 4.52E-08 | 4.51E-08 | 6.32E-08 | -2.68E-08 | -2.68E-08 | -2.68E-08 | -2.68E-08 |
| URI (Δ CDF) | -1.01E-07 | -1.34E-07 | -1.34E-07 | -1.39E-07 | -1.39E-07 | -1.39E-07 | -1.31E-07 | -1.35E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -5.90E-08 | -8.90E-08 | -8.90E-08 | -7.50E-08 | -1.70E-07 | -1.70E-07 | -1.60E-07 | -1.60E-07 |

Licensee Comments:

4Q/11: Changed PRA Parameter(s).

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 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (ΔCDF) | 1.05E-06 | 1.15E-06 | 1.18E-06 | 6.93E-07 | 6.98E-07 | 8.36E-07 | 7.97E-07 | 8.66E-07 |
| URI (ΔCDF) | -4.76E-07 | -4.83E-07 | -4.83E-07 | -4.15E-07 | -4.12E-07 | -4.03E-07 | -3.95E-07 | -4.05E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 5.80E-07 | 6.70E-07 | 6.90E-07 | 2.80E-07 | 2.90E-07 | 4.30E-07 | 4.00E-07 | 4.60E-07 |

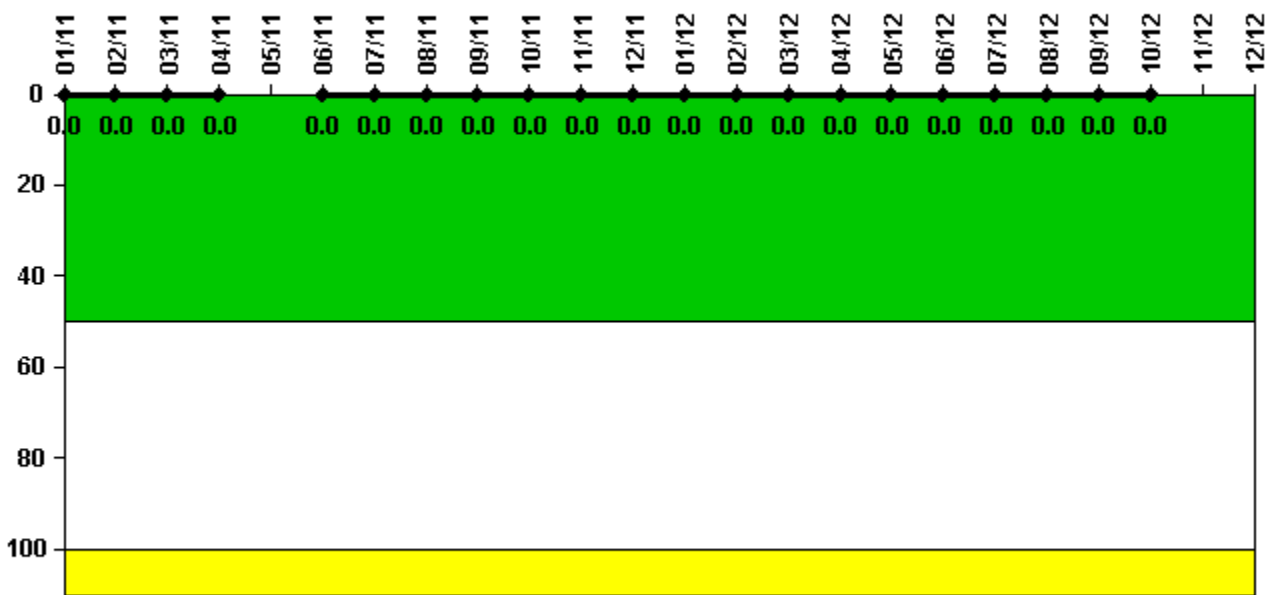
Licensee Comments:

4Q/11: Changed PRA Parameter(s).

2Q/11: Revised 2nd quarter 2011 indicator based on internal verification audit performed. No thresholds exceeded, indicator remains green.

1Q/11: Revised 1st quarter 2011 indicator based on internal verification audit performed. No thresholds exceeded, indicator remains green.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

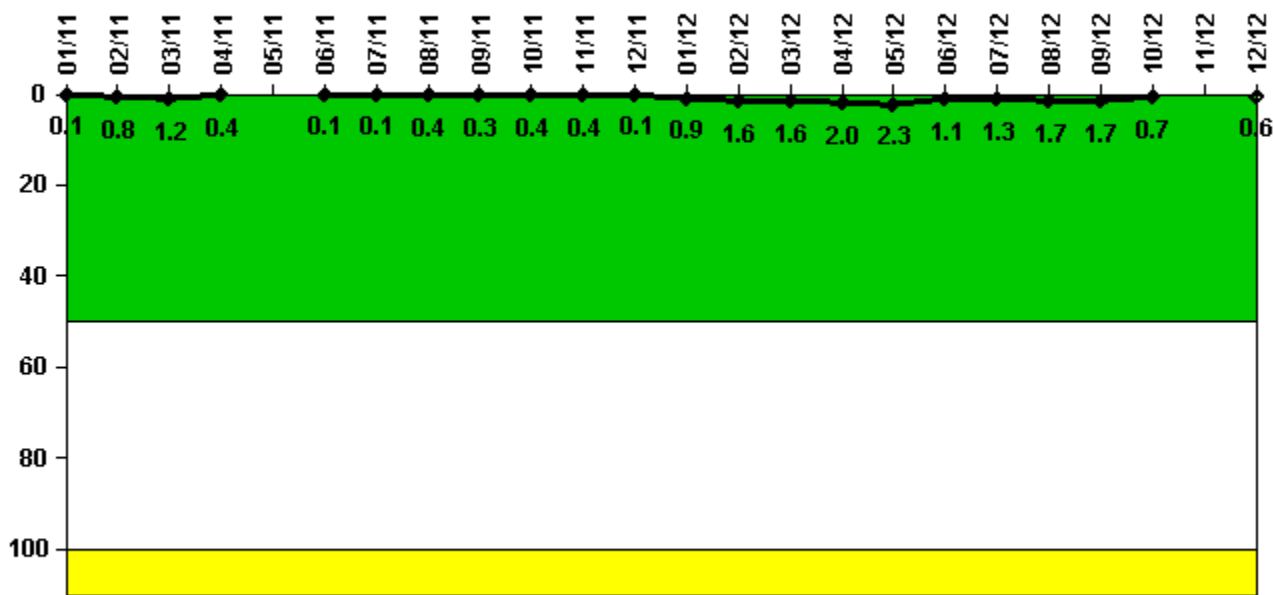
Notes

| Reactor Coolant System Activity | 1/11 | 2/11 | 3/11 | 4/11 | 5/11 | 6/11 | 7/11 | 8/11 | 9/11 | 10/11 | 11/11 | 12/11 |
|---------------------------------|----------|----------|----------|----------|------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000138 | 0.000142 | 0.000139 | 0.000144 | N/A | 0.000086 | 0.000178 | 0.000095 | 0.000100 | 0.000110 | 0.000104 | 0.000111 |
| 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 | 0 | 0 | N/A | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Reactor Coolant System Activity | 1/12 | 2/12 | 3/12 | 4/12 | 5/12 | 6/12 | 7/12 | 8/12 | 9/12 | 10/12 | 11/12 | 12/12 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-------|-------|
| Maximum activity | 0.000158 | 0.000116 | 0.000172 | 0.000106 | 0.000116 | 0.000123 | 0.000126 | 0.000118 | 0.000124 | 0.000128 | N/A | N/A |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | N/A | N/A |

Licensee Comments: none

Reactor Coolant System Leakage



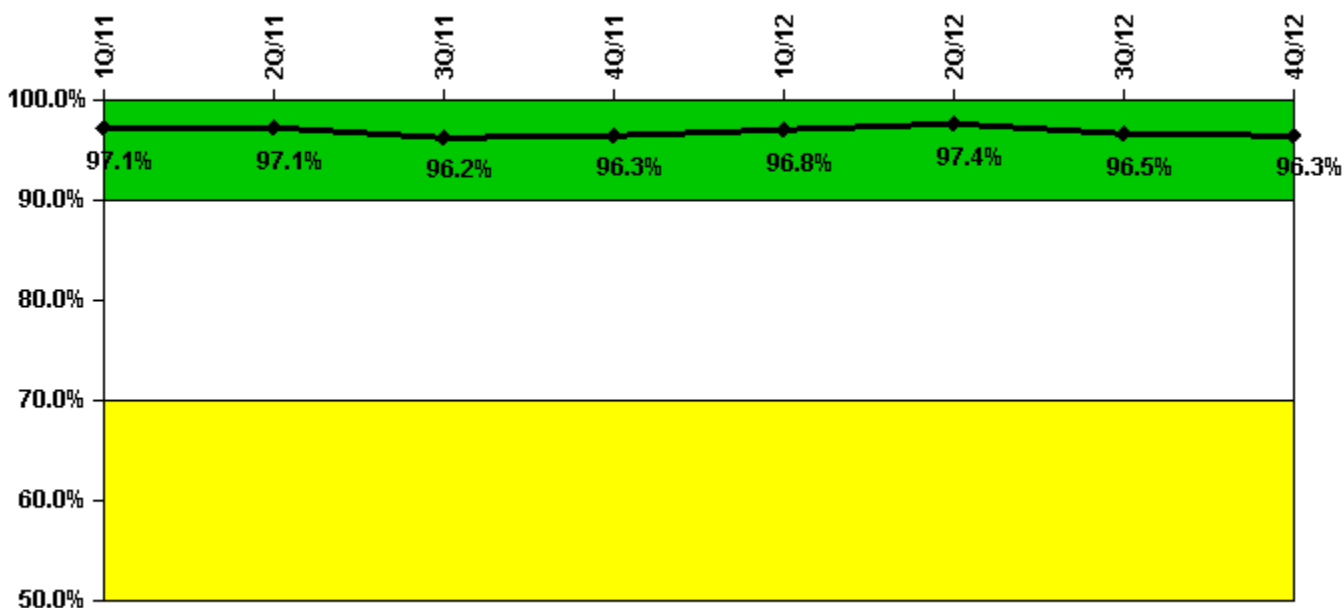
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Leakage | 1/11 | 2/11 | 3/11 | 4/11 | 5/11 | 6/11 | 7/11 | 8/11 | 9/11 | 10/11 | 11/11 | 12/11 |
|--------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Maximum leakage | 0.011 | 0.083 | 0.124 | 0.040 | N/A | 0.010 | 0.007 | 0.037 | 0.025 | 0.042 | 0.036 | 0.007 |
| 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 | 0.1 | 0.8 | 1.2 | 0.4 | N/A | 0.1 | 0.1 | 0.4 | 0.3 | 0.4 | 0.4 | 0.1 |
| Reactor Coolant System Leakage | 1/12 | 2/12 | 3/12 | 4/12 | 5/12 | 6/12 | 7/12 | 8/12 | 9/12 | 10/12 | 11/12 | 12/12 |
| Maximum leakage | 0.093 | 0.163 | 0.163 | 0.198 | 0.228 | 0.108 | 0.130 | 0.167 | 0.167 | 0.067 | N/A | 0.061 |
| 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 | 0.9 | 1.6 | 1.6 | 2.0 | 2.3 | 1.1 | 1.3 | 1.7 | 1.7 | 0.7 | N/A | 0.6 |

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

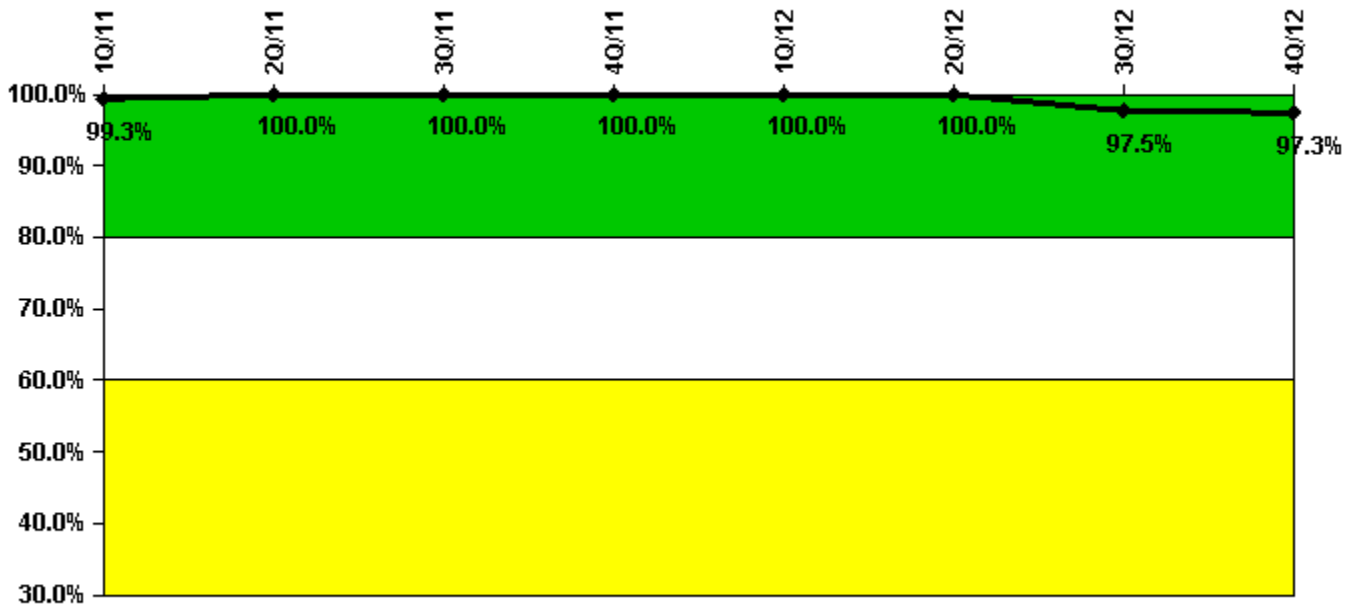
Notes

| Drill/Exercise Performance | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 40.0 | 6.0 | 29.0 | 27.0 | 26.0 | 14.0 | 31.0 | 9.0 |
| Total opportunities | 40.0 | 6.0 | 32.0 | 27.0 | 28.0 | 14.0 | 32.0 | 10.0 |
| Indicator value | 97.1% | 97.1% | 96.2% | 96.3% | 96.8% | 97.4% | 96.5% | 96.3% |

Licensee Comments:

1Q/12: Revised February and March 2012 Drill and Exercise Performance based on previously unaccounted for opportunities. No change to performance indicator color.

ERO Drill Participation



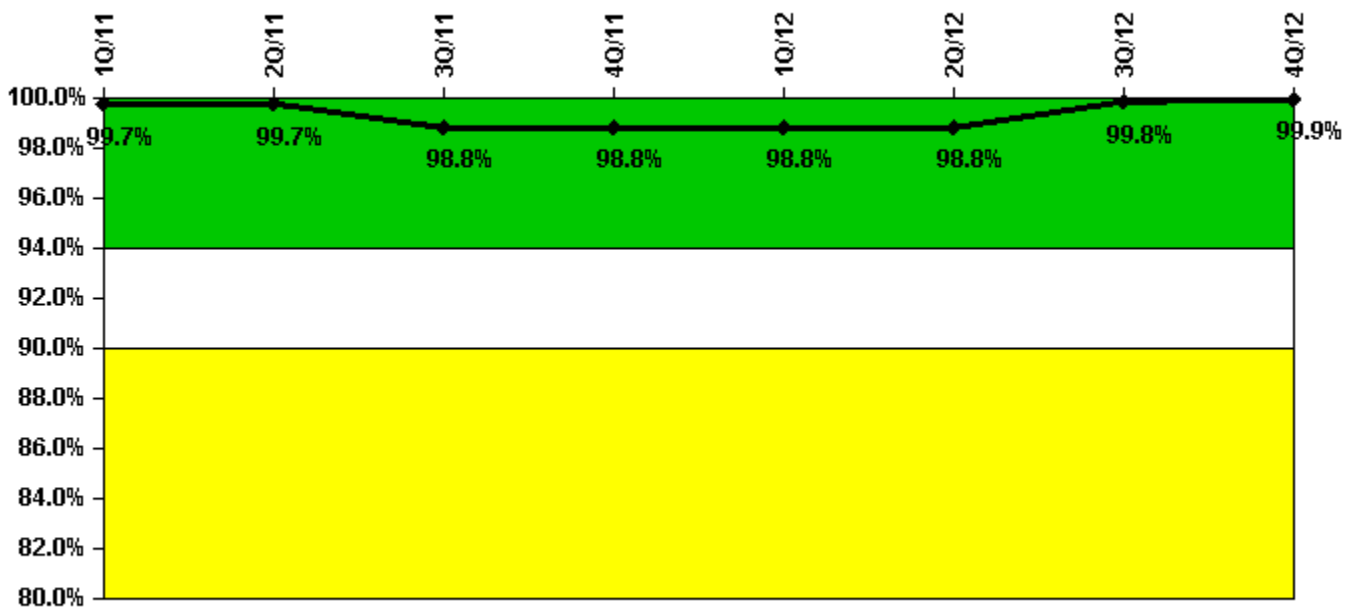
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 |
|-----------------------------|-------|--------|--------|--------|--------|--------|-------|-------|
| Participating Key personnel | 141.0 | 141.0 | 143.0 | 145.0 | 156.0 | 155.0 | 157.0 | 144.0 |
| Total Key personnel | 142.0 | 141.0 | 143.0 | 145.0 | 156.0 | 155.0 | 161.0 | 148.0 |
| Indicator value | 99.3% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 97.5% | 97.3% |

Licensee Comments: none

Alert & Notification System



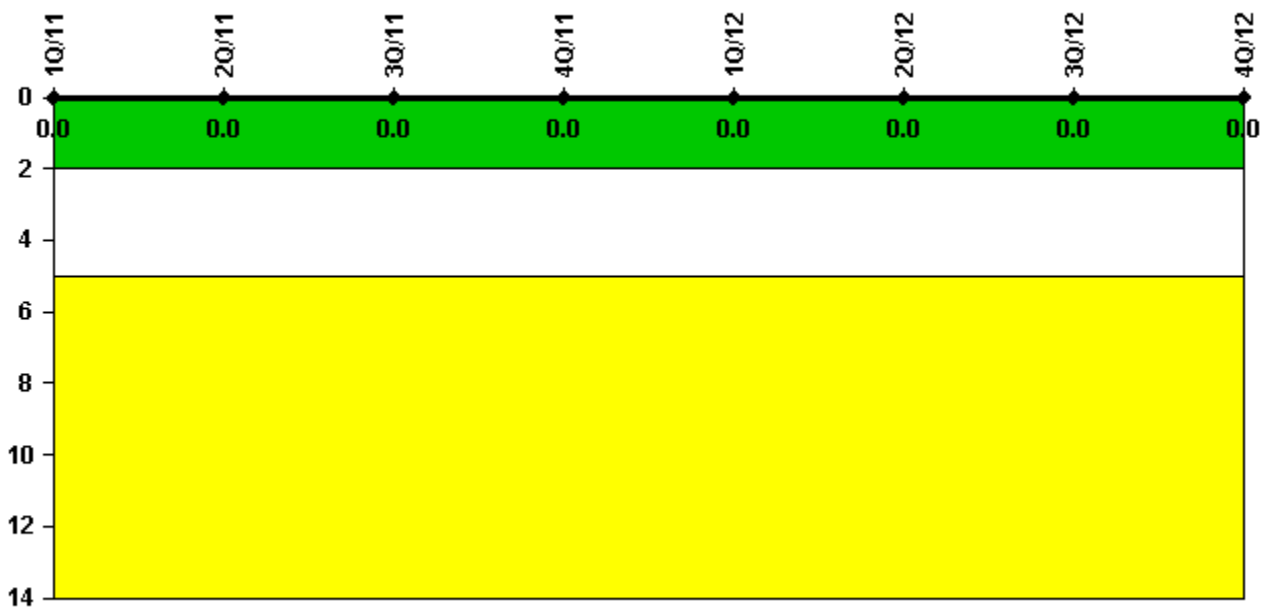
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 1519 | 1512 | 1463 | 1514 | 1520 | 1516 | 1520 | 1519 |
| Total sirens-tests | 1521 | 1521 | 1521 | 1521 | 1521 | 1521 | 1521 | 1521 |
| Indicator value | 99.7% | 99.7% | 98.8% | 98.8% | 98.8% | 98.8% | 99.8% | 99.9% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



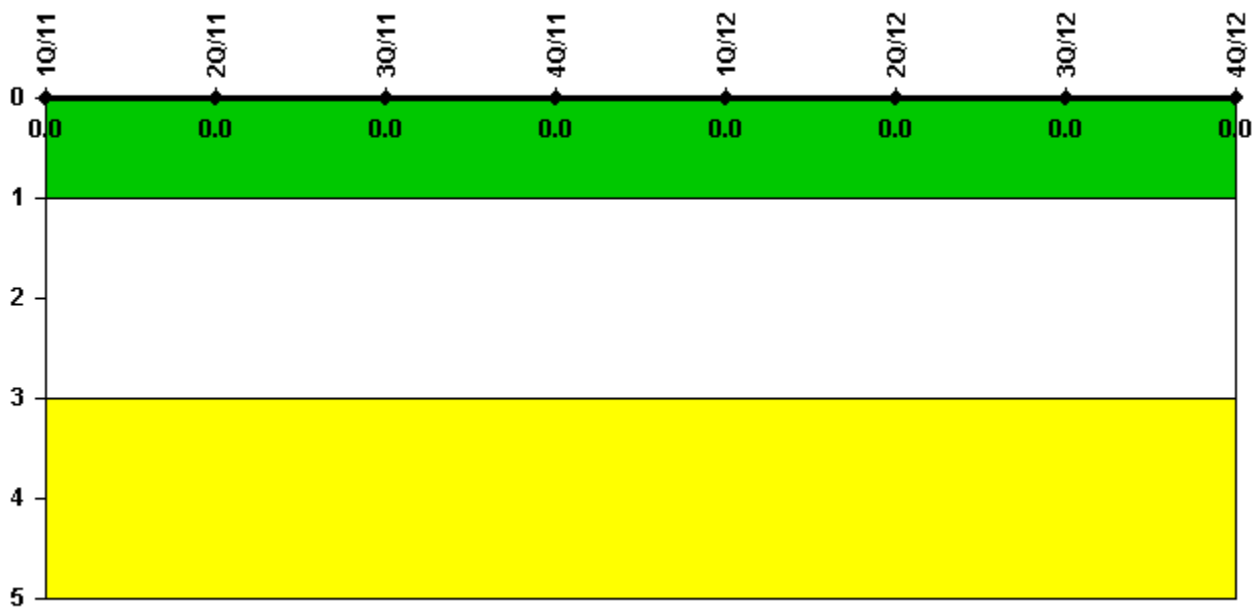
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| RETS/ODCM occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.