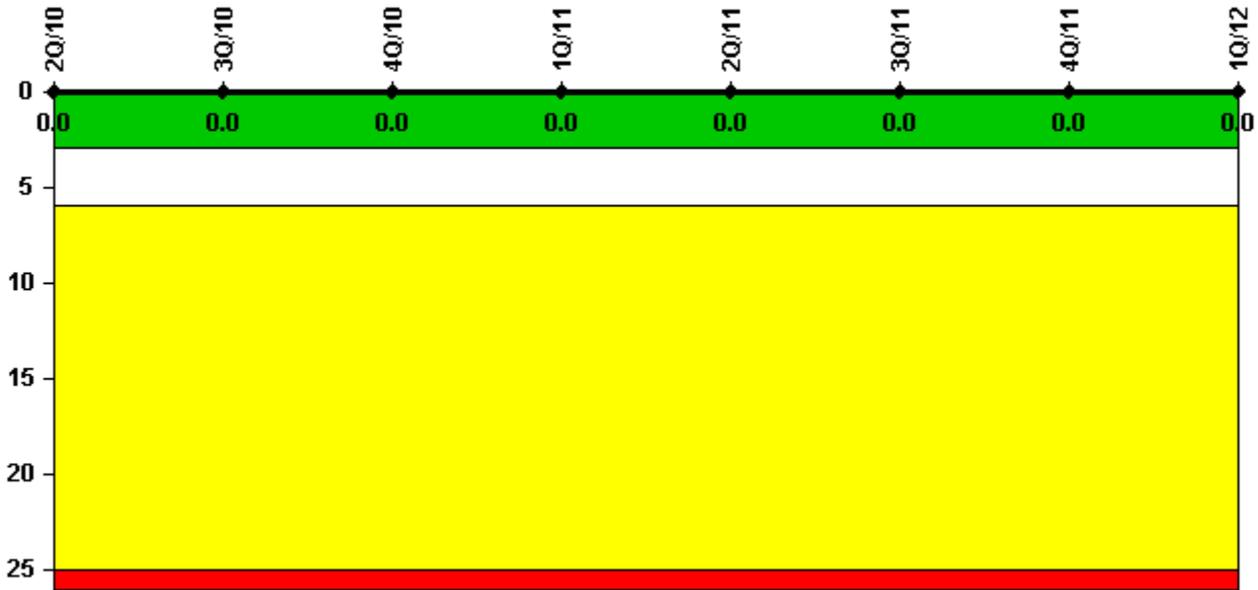


Three Mile Island 1

1Q/2012 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



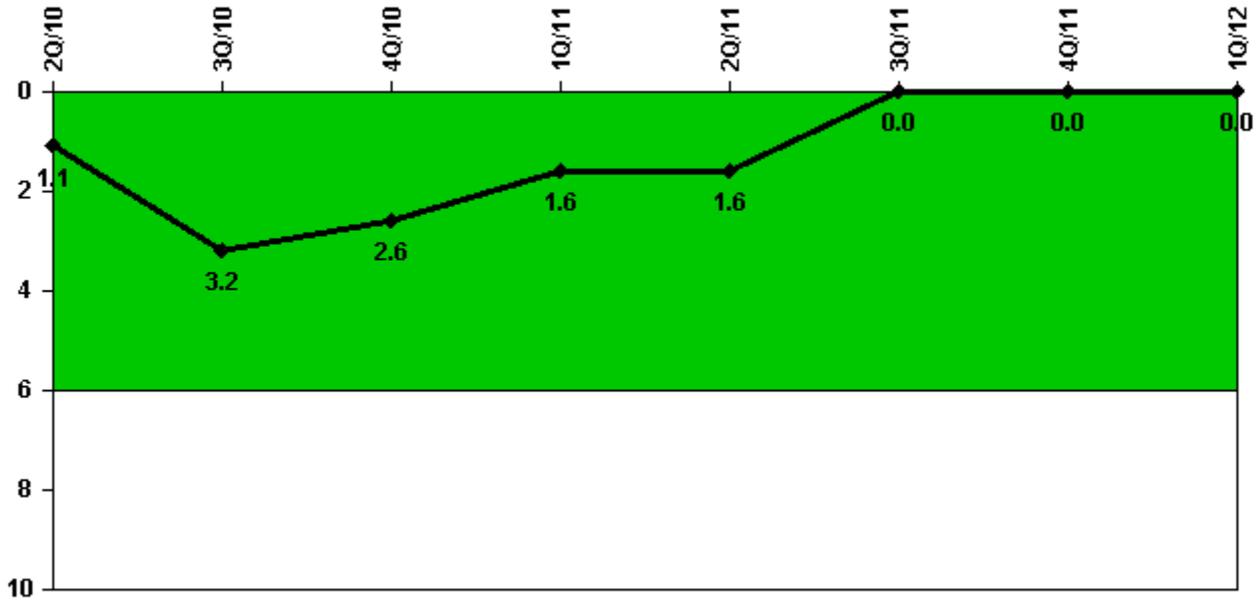
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2138.8 | 2208.0 | 2209.0 | 2159.0 | 2184.0 | 2208.0 | 1456.6 | 2183.0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



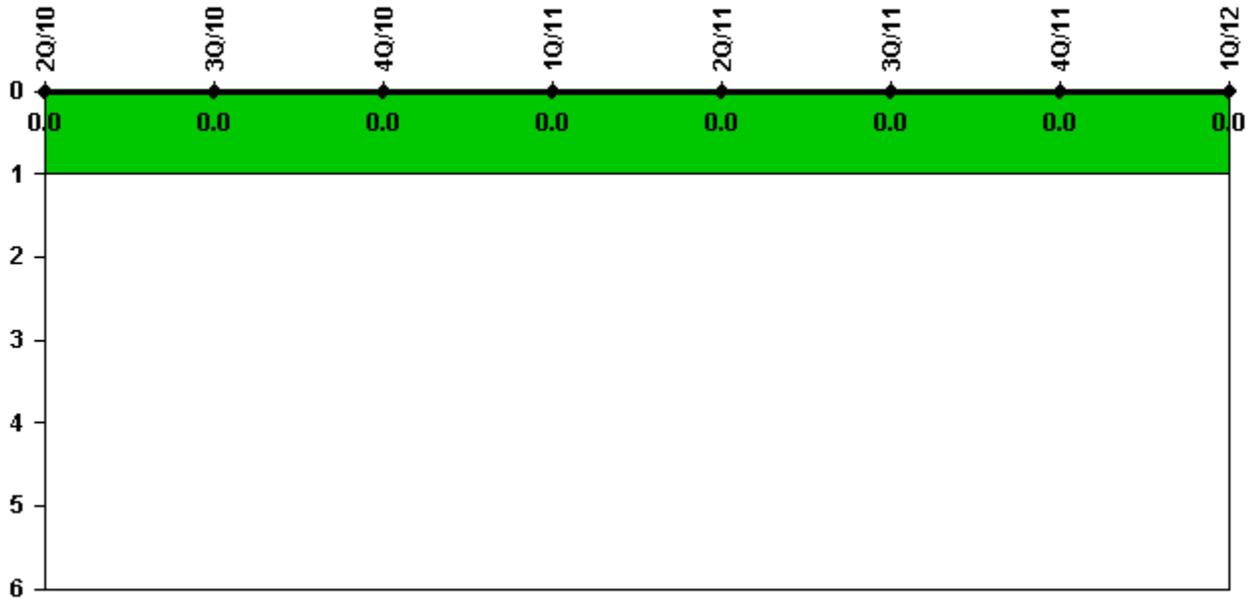
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes | 0 | 2.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2138.8 | 2208.0 | 2209.0 | 2159.0 | 2184.0 | 2208.0 | 1456.6 | 2183.0 |
| Indicator value | 1.1 | 3.2 | 2.6 | 1.6 | 1.6 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Scrams with Complications



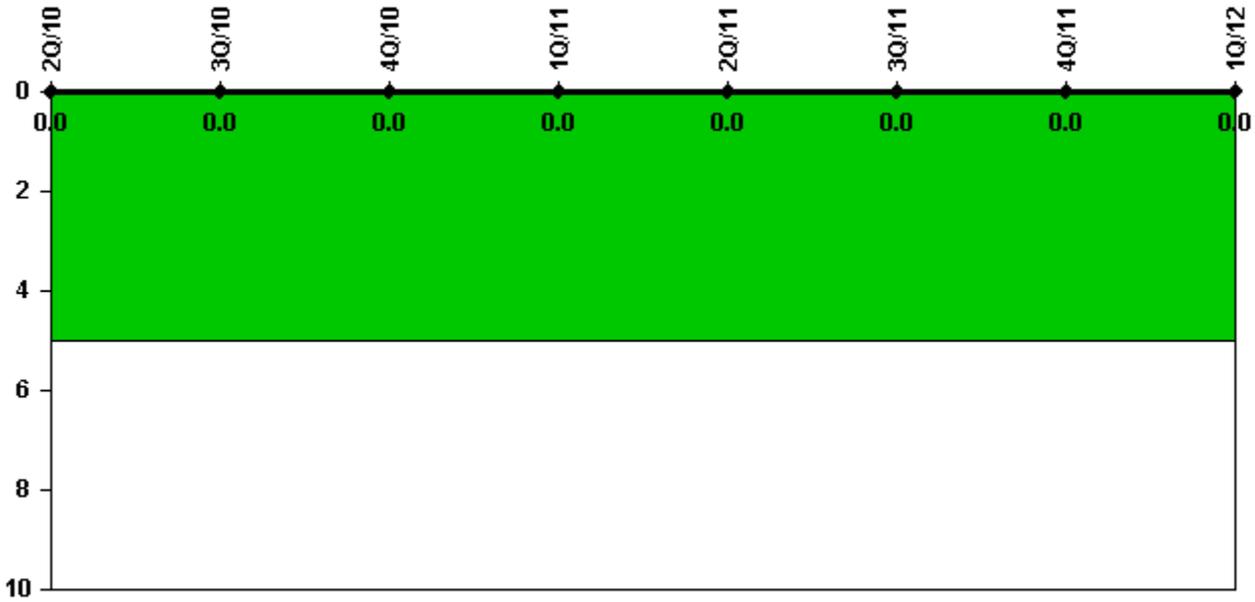
Thresholds: White > 1.0

Notes

| Unplanned Scrams with Complications | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 |
|-------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 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)



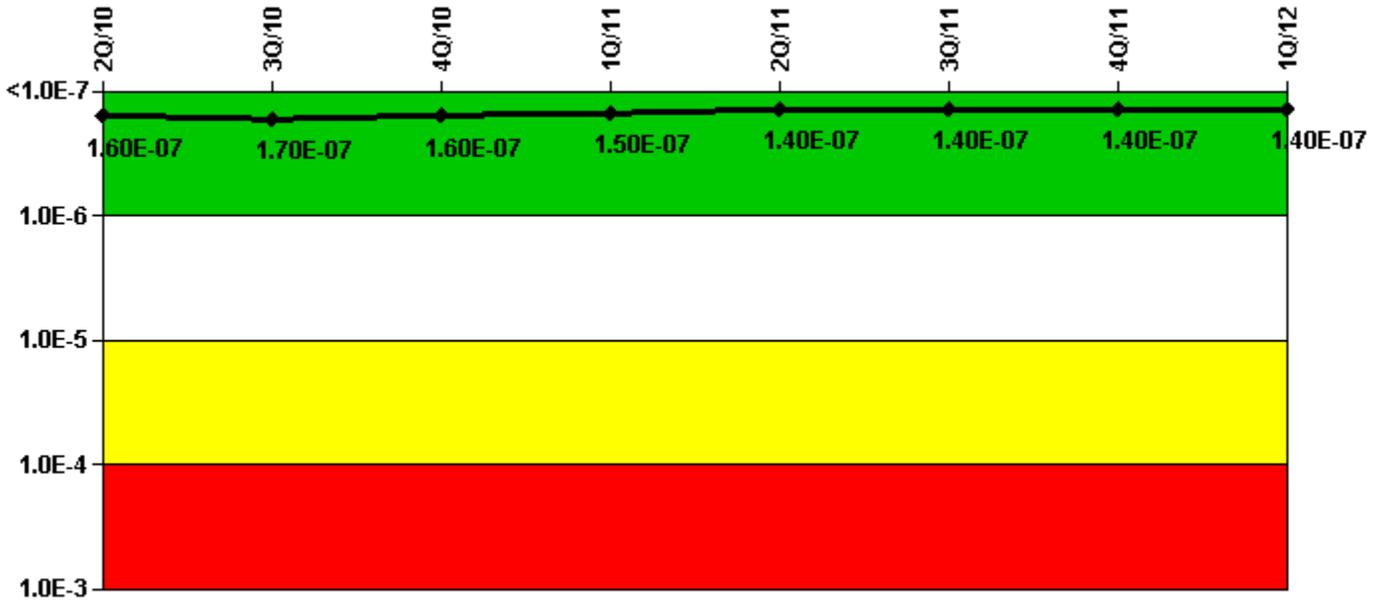
Thresholds: White > 5.0

Notes

| Safety System Functional Failures (PWR) | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| 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



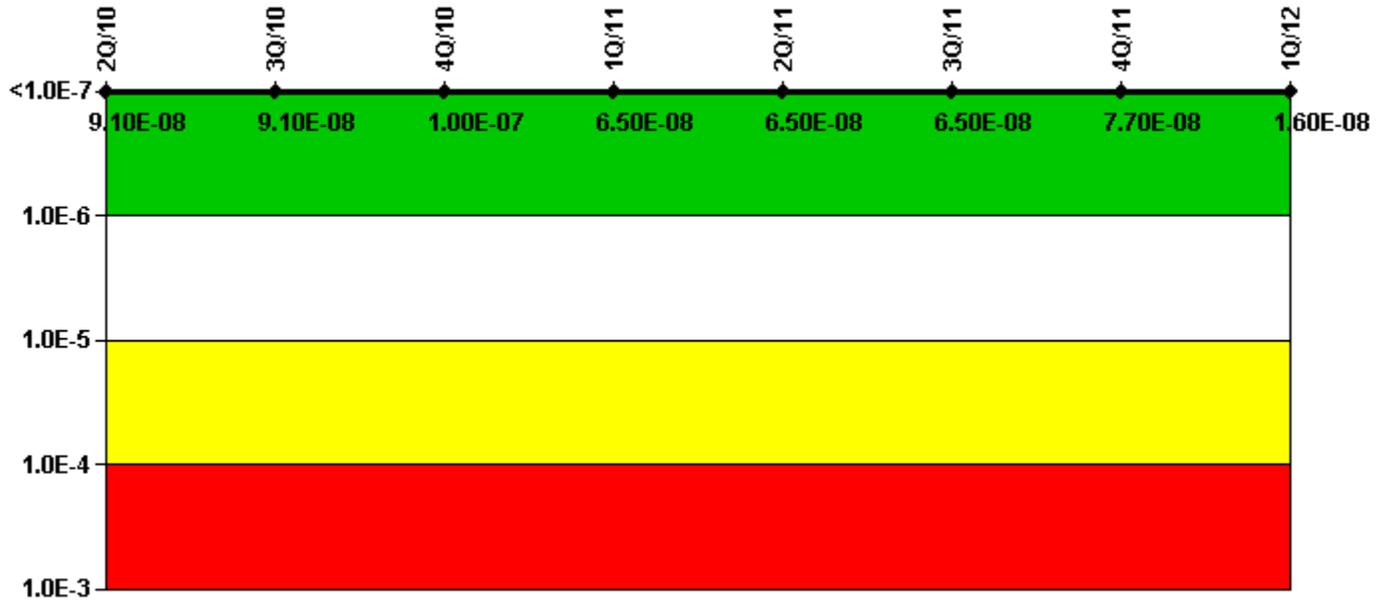
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -1.36E-08 | -4.06E-09 | -8.60E-09 | -1.52E-08 | -2.91E-08 | -2.91E-08 | -2.91E-08 | -2.26E-08 |
| URI (Δ CDF) | 1.73E-07 | 1.69E-07 | 1.69E-07 | 1.67E-07 | 1.66E-07 | 1.66E-07 | 1.67E-07 | 1.66E-07 |
| PLE | NO |
| Indicator value | 1.60E-07 | 1.70E-07 | 1.60E-07 | 1.50E-07 | 1.40E-07 | 1.40E-07 | 1.40E-07 | 1.40E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



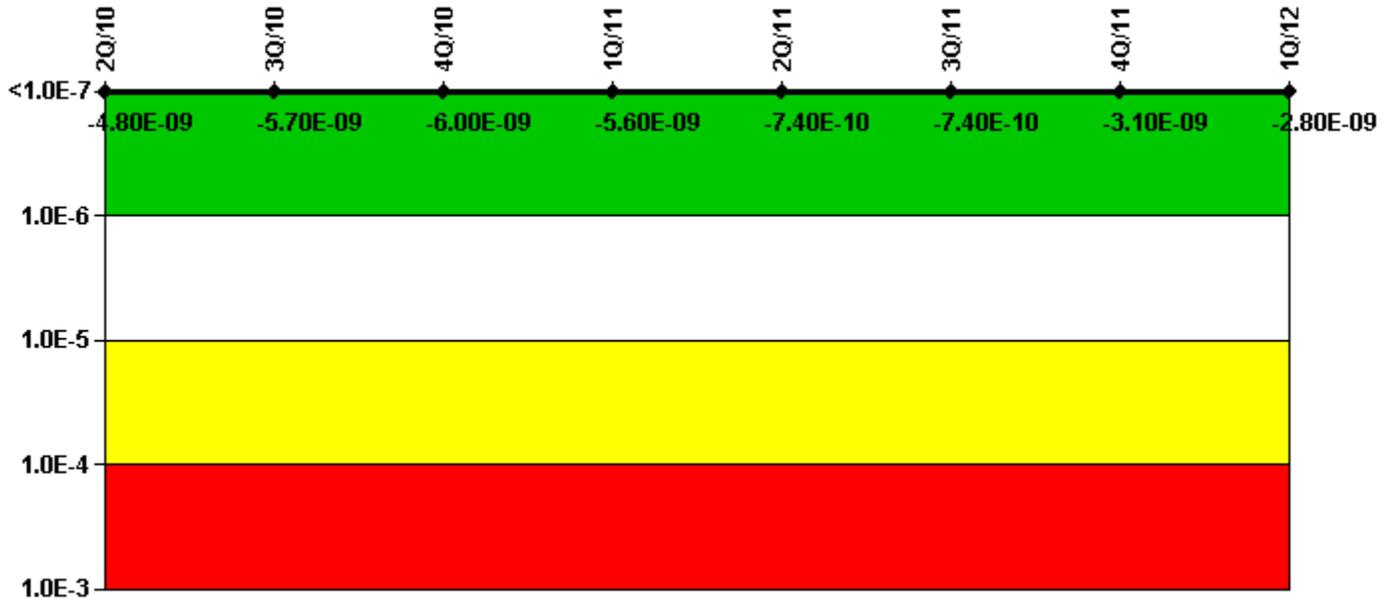
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 1.18E-07 | 1.18E-07 | 1.30E-07 | 9.19E-08 | 9.19E-08 | 9.19E-08 | 1.04E-07 | 4.27E-08 |
| URI (Δ CDF) | -2.70E-08 |
| PLE | NO |
| Indicator value | 9.10E-08 | 9.10E-08 | 1.00E-07 | 6.50E-08 | 6.50E-08 | 6.50E-08 | 7.70E-08 | 1.60E-08 |

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



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

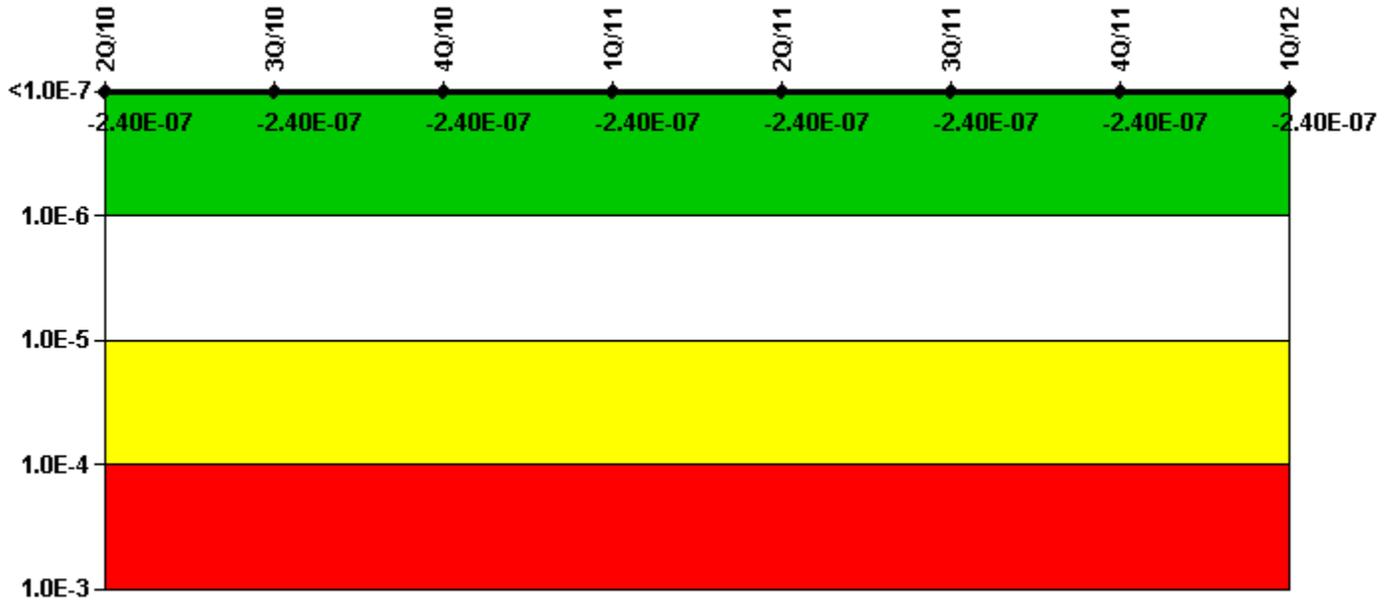
Notes

| Mitigating Systems Performance Index, Heat Removal System | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 4.90E-09 | 4.03E-09 | 3.70E-09 | 4.13E-09 | 9.00E-09 | 9.00E-09 | 6.67E-09 | 6.93E-09 |
| URI (Δ CDF) | -9.75E-09 |
| PLE | NO |
| Indicator value | -4.80E-09 | -5.70E-09 | -6.00E-09 | -5.60E-09 | -7.40E-10 | -7.40E-10 | -3.10E-09 | -2.80E-09 |

Licensee Comments:

4Q/11: EF-V-2A unavailability corrected by 36.0 hours in March 2011 due to math error. No impact to system color, which remains Green with over 4 million hours of Margin.

Mitigating Systems Performance Index, Residual Heat Removal System



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

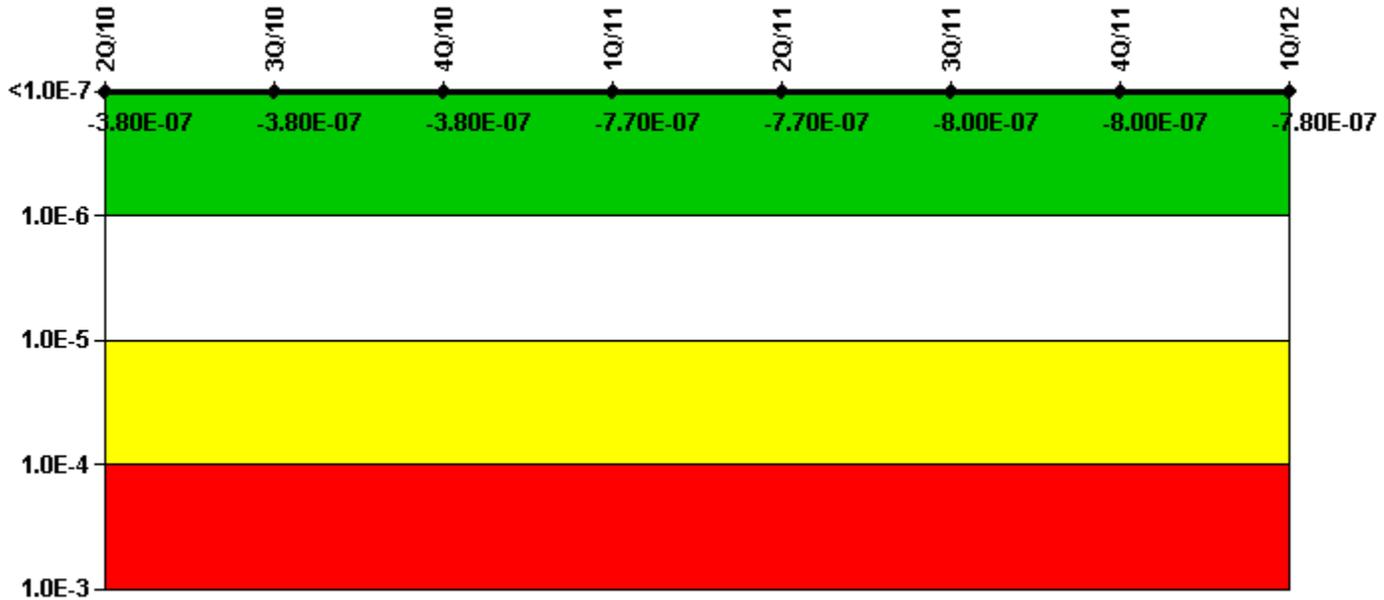
Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -5.76E-08 |
| URI (Δ CDF) | -1.85E-07 |
| PLE | NO |
| Indicator value | -2.40E-07 |

Licensee Comments:

4Q/11: LPI-A unavailability corrected by 10.0 hours in OCT 2010 and LPI-B UA corrected by 2.5 hrs in Jan 2011 due to testing. No impact to system color, which remains Green.

Mitigating Systems Performance Index, Cooling Water Systems



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

Notes

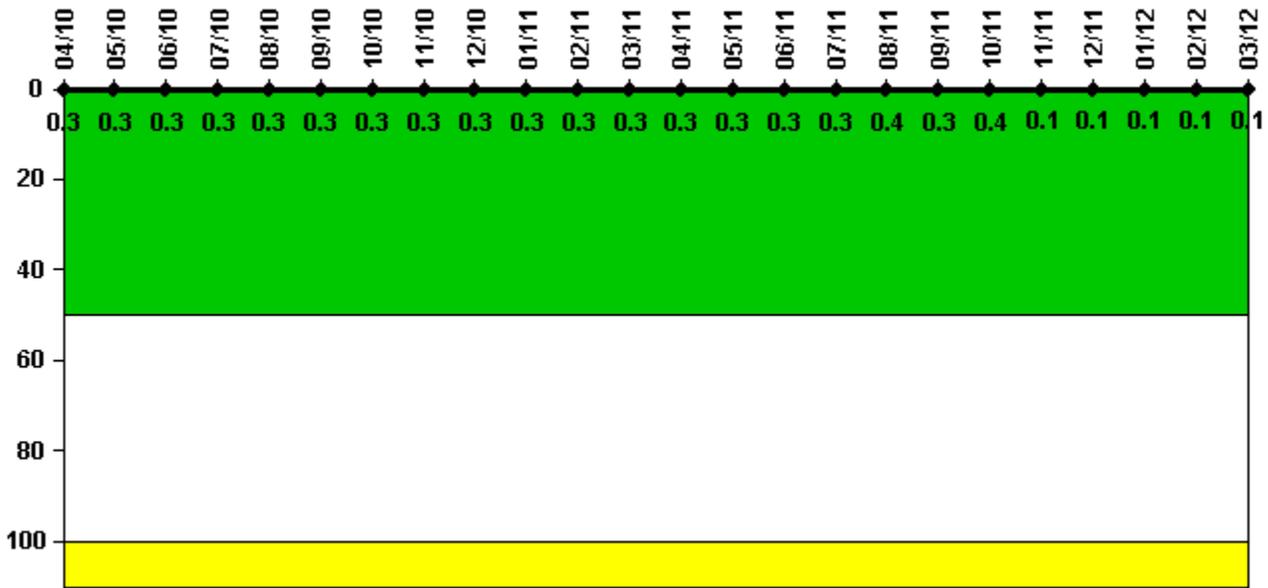
| Mitigating Systems Performance Index, Cooling Water Systems | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 3.60E-08 | 3.60E-08 | 3.63E-08 | -7.47E-09 | -7.38E-09 | -8.54E-09 | -8.35E-09 | 4.06E-09 |
| URI (Δ CDF) | -4.19E-07 | -4.19E-07 | -4.19E-07 | -7.59E-07 | -7.59E-07 | -7.88E-07 | -7.88E-07 | -7.88E-07 |
| PLE | NO |
| Indicator value | -3.80E-07 | -3.80E-07 | -3.80E-07 | -7.70E-07 | -7.70E-07 | -8.00E-07 | -8.00E-07 | -7.80E-07 |

Licensee Comments:

4Q/10: NR-P-1A unavailability corrected by 21.0 hours in July 2010 that hadn't previously been recognized. No impact to system color, which remains Green.

3Q/10: NR-P-1A unavailability corrected by 21.0 hours in July 2010 that hadn't previously been recognized. No impact to system color, which remains Green.

Reactor Coolant System Activity



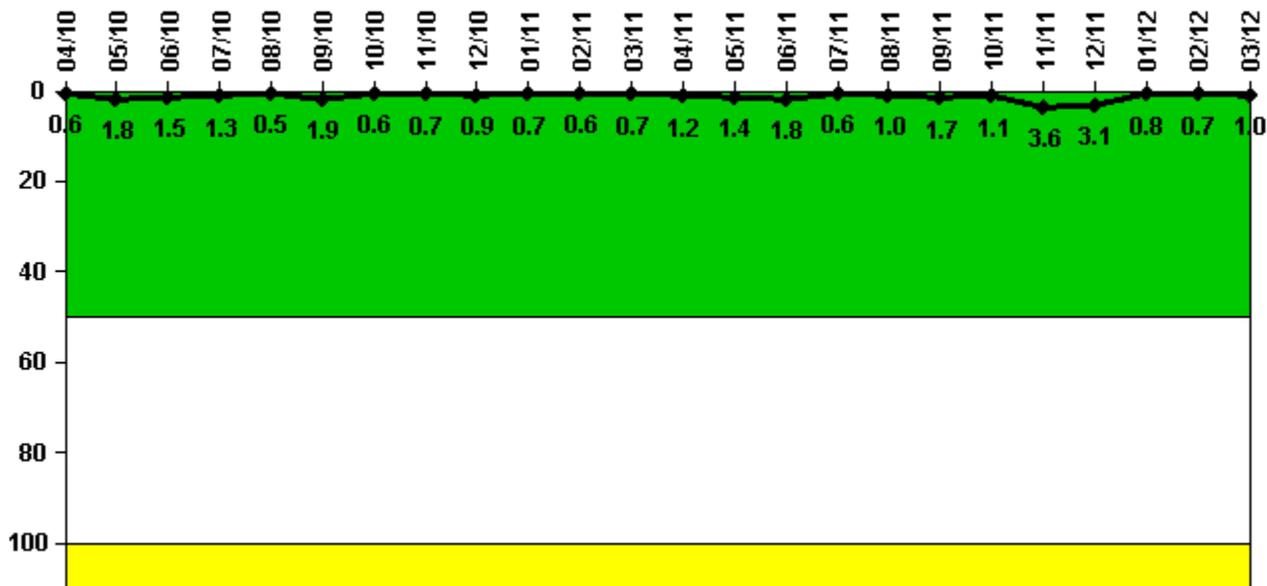
Thresholds: White > 50.0 Yellow > 100.0

Notes

| | | | | | | | | | | | | |
|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Reactor Coolant System Activity | 4/10 | 5/10 | 6/10 | 7/10 | 8/10 | 9/10 | 10/10 | 11/10 | 12/10 | 1/11 | 2/11 | 3/11 |
| Maximum activity | 0.001160 | 0.001010 | 0.000996 | 0.000946 | 0.000902 | 0.001030 | 0.001090 | 0.001090 | 0.001020 | 0.001140 | 0.001070 | 0.001060 |
| Technical specification limit | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| Indicator value | 0.3 |
| Reactor Coolant System Activity | 4/11 | 5/11 | 6/11 | 7/11 | 8/11 | 9/11 | 10/11 | 11/11 | 12/11 | 1/12 | 2/12 | 3/12 |
| Maximum activity | 0.001040 | 0.001110 | 0.001180 | 0.001150 | 0.001350 | 0.001220 | 0.001330 | 0.000374 | 0.000216 | 0.000301 | 0.000199 | 0.000205 |
| Technical specification limit | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| Indicator value | 0.3 | 0.3 | 0.3 | 0.3 | 0.4 | 0.3 | 0.4 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |

Licensee Comments: none

Reactor Coolant System Leakage



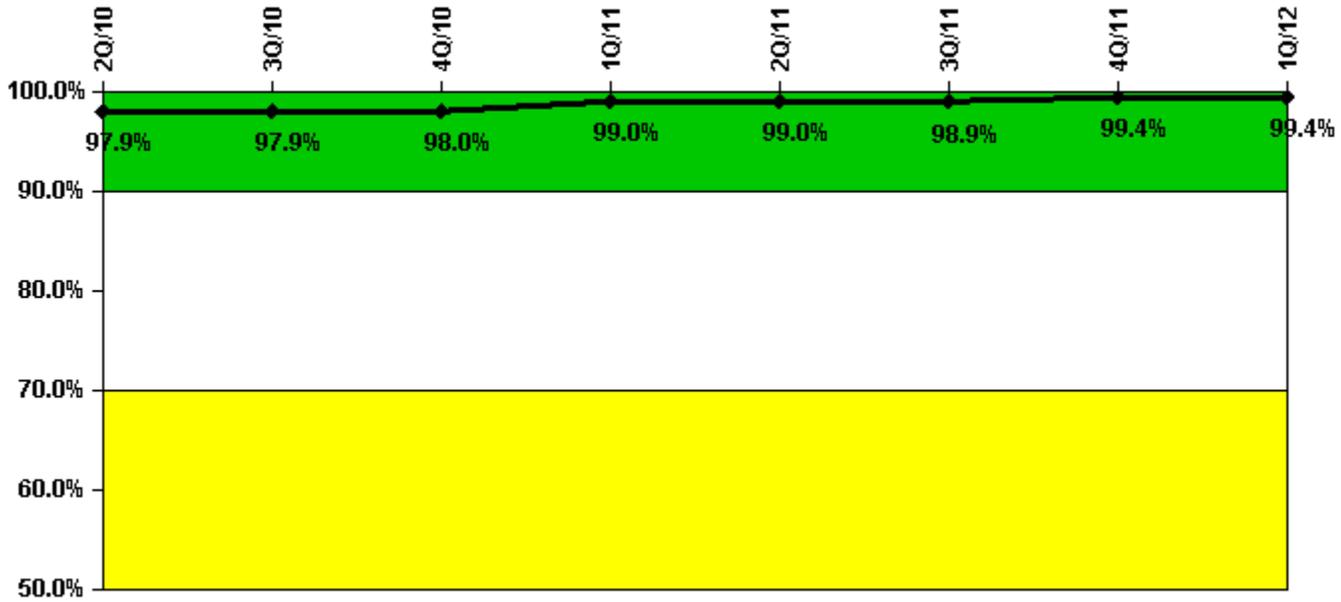
Thresholds: White > 50.0 Yellow > 100.0

Notes

| | | | | | | | | | | | | |
|---------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|-------------|-------------|-------------|
| Reactor Coolant System Leakage | 4/10 | 5/10 | 6/10 | 7/10 | 8/10 | 9/10 | 10/10 | 11/10 | 12/10 | 1/11 | 2/11 | 3/11 |
| Maximum leakage | 0.059 | 0.177 | 0.149 | 0.131 | 0.048 | 0.194 | 0.062 | 0.069 | 0.085 | 0.071 | 0.058 | 0.074 |
| 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 | 0.6 | 1.8 | 1.5 | 1.3 | 0.5 | 1.9 | 0.6 | 0.7 | 0.9 | 0.7 | 0.6 | 0.7 |
| Reactor Coolant System Leakage | 4/11 | 5/11 | 6/11 | 7/11 | 8/11 | 9/11 | 10/11 | 11/11 | 12/11 | 1/12 | 2/12 | 3/12 |
| Maximum leakage | 0.122 | 0.136 | 0.184 | 0.058 | 0.096 | 0.165 | 0.114 | 0.362 | 0.308 | 0.081 | 0.074 | 0.104 |
| 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 | 1.2 | 1.4 | 1.8 | 0.6 | 1.0 | 1.7 | 1.1 | 3.6 | 3.1 | 0.8 | 0.7 | 1.0 |

Licensee Comments: none

Drill/Exercise Performance



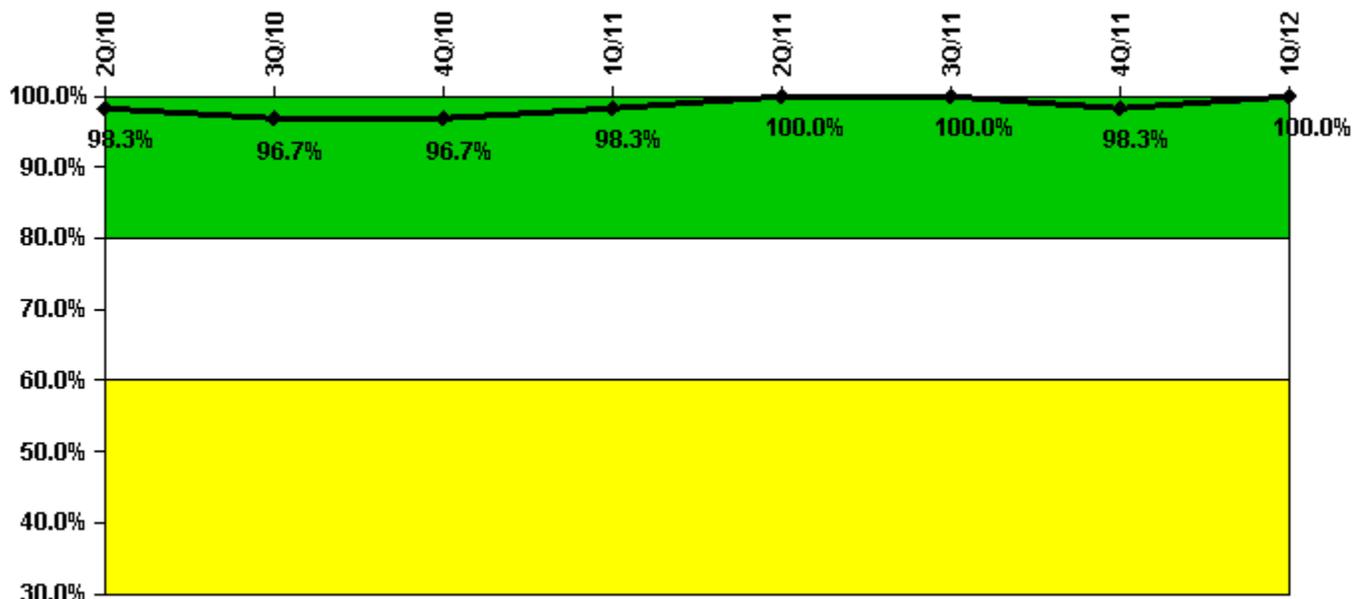
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 29.0 | 23.0 | 52.0 | 67.0 | 40.0 | 33.0 | 42.0 | 50.0 |
| Total opportunities | 30.0 | 23.0 | 52.0 | 68.0 | 40.0 | 33.0 | 42.0 | 50.0 |
| | | | | | | | | |
| Indicator value | 97.9% | 97.9% | 98.0% | 99.0% | 99.0% | 98.9% | 99.4% | 99.4% |

Licensee Comments: none

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 |
|-----------------------------|-------|-------|-------|-------|--------|--------|-------|--------|
| Participating Key personnel | 57.0 | 59.0 | 58.0 | 57.0 | 62.0 | 57.0 | 59.0 | 60.0 |
| Total Key personnel | 58.0 | 61.0 | 60.0 | 58.0 | 62.0 | 57.0 | 60.0 | 60.0 |
| Indicator value | 98.3% | 96.7% | 96.7% | 98.3% | 100.0% | 100.0% | 98.3% | 100.0% |

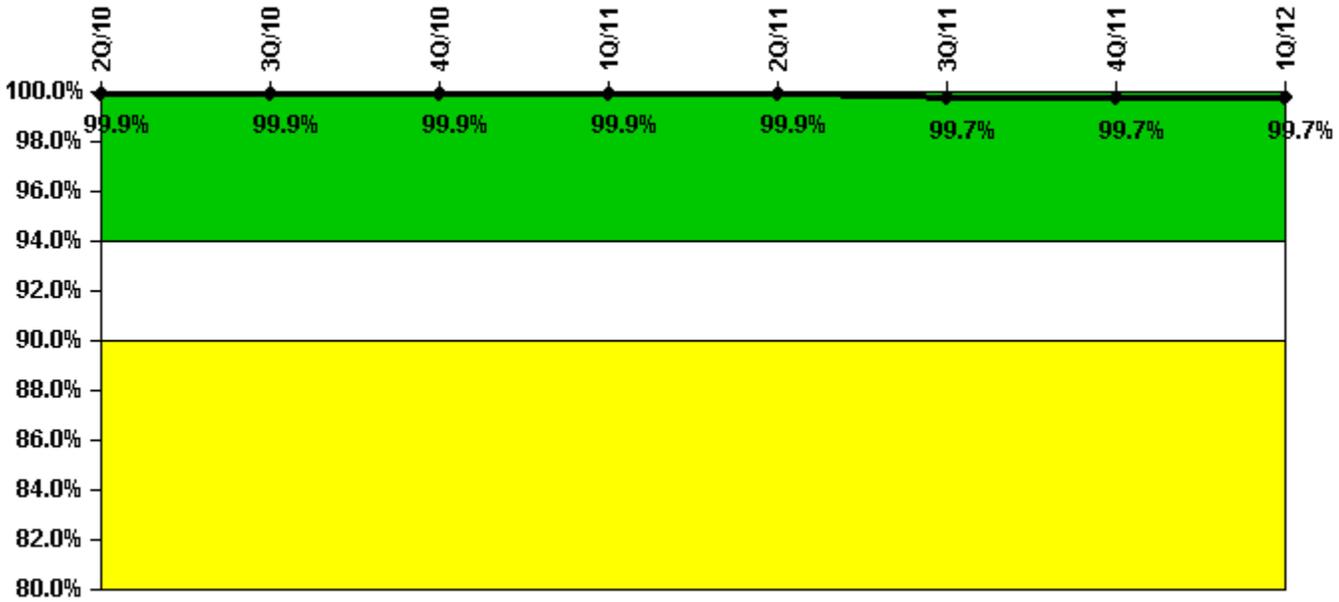
Licensee Comments:

4Q/10: Credit for the ERO Drill Participation performance indicator was incorrectly applied for newly appointed Key ERO members. The qualification drills for these individuals were counted in this Performance Indicator, but these drills were not evaluated for DEP PI purposes and therefore should not have counted for drill participation per guidance in NEI 99-01 rev 6. Procedures EP-AA-125-1002 and EP-AA-125-1003 did not provide the same level of detail as the NEI 99-1 guidance.

3Q/10: Corrected EOF Director participation, director added in August but did not have a DEP drill and was not included in the total number of ERO members initially reported. EP02 data for 3Q10 is contained in change file dated 01/24/11.

2Q/10: Credit for the ERO Drill Participation performance indicator was incorrectly applied for newly appointed Key ERO members. The qualification drills for these individuals were counted in this Performance Indicator, but these drills were not evaluated for DEP PI purposes and therefore should not have counted for drill participation per guidance in NEI 99-01 rev 6. Procedures EP-AA-125-1002 and EP-AA-125-1003 did not provide the same level of detail as the NEI 99-1 guidance.

Alert & Notification System



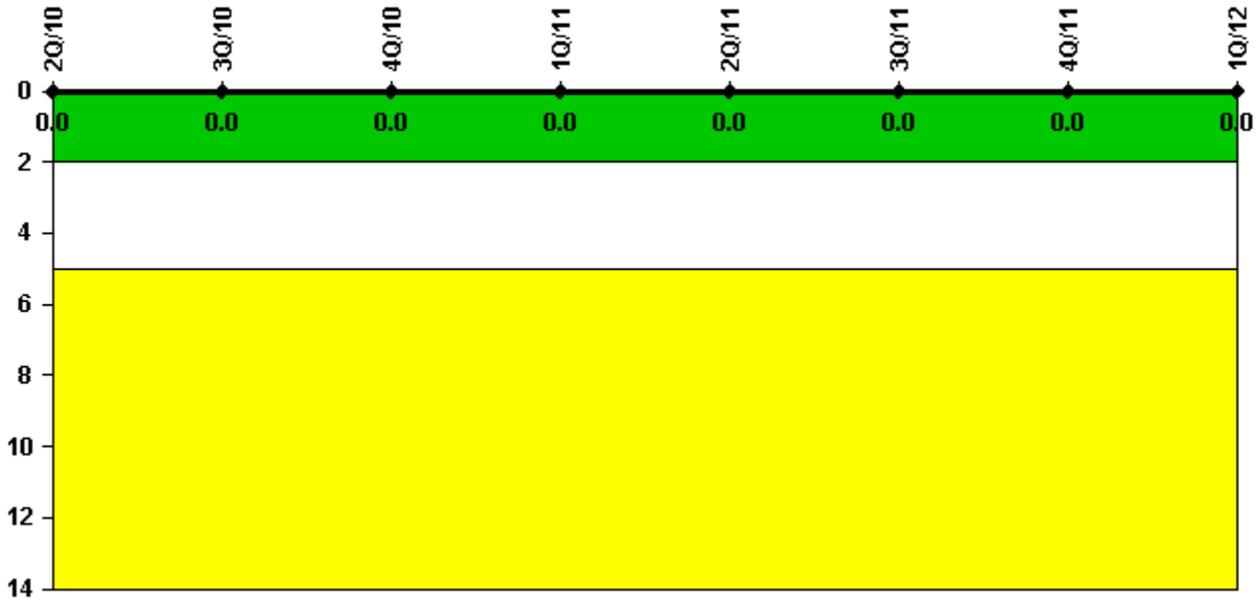
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 1247 | 1343 | 1247 | 1247 | 1246 | 1239 | 1245 | 1247 |
| Total sirens-tests | 1248 | 1344 | 1248 | 1248 | 1248 | 1248 | 1248 | 1248 |
| | | | | | | | | |
| Indicator value | 99.9% | 99.9% | 99.9% | 99.9% | 99.9% | 99.7% | 99.7% | 99.7% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



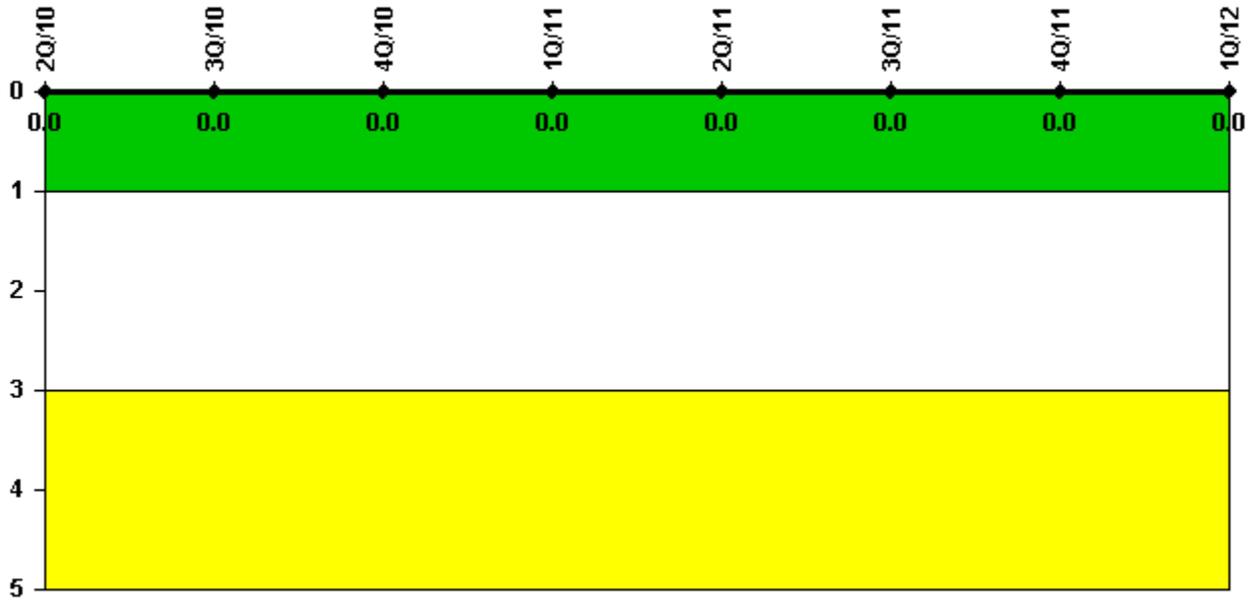
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/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 |

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

| RETS/ODCM Radiological Effluent | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/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

[Security](#) information not publicly available.