

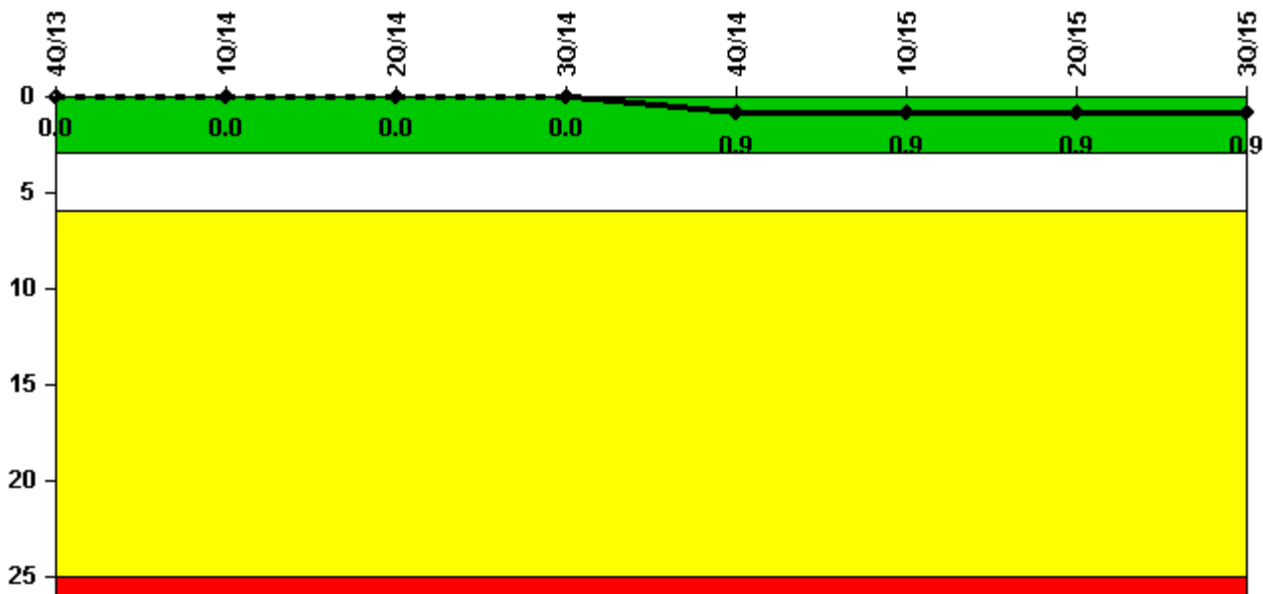
Point Beach 1

3Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



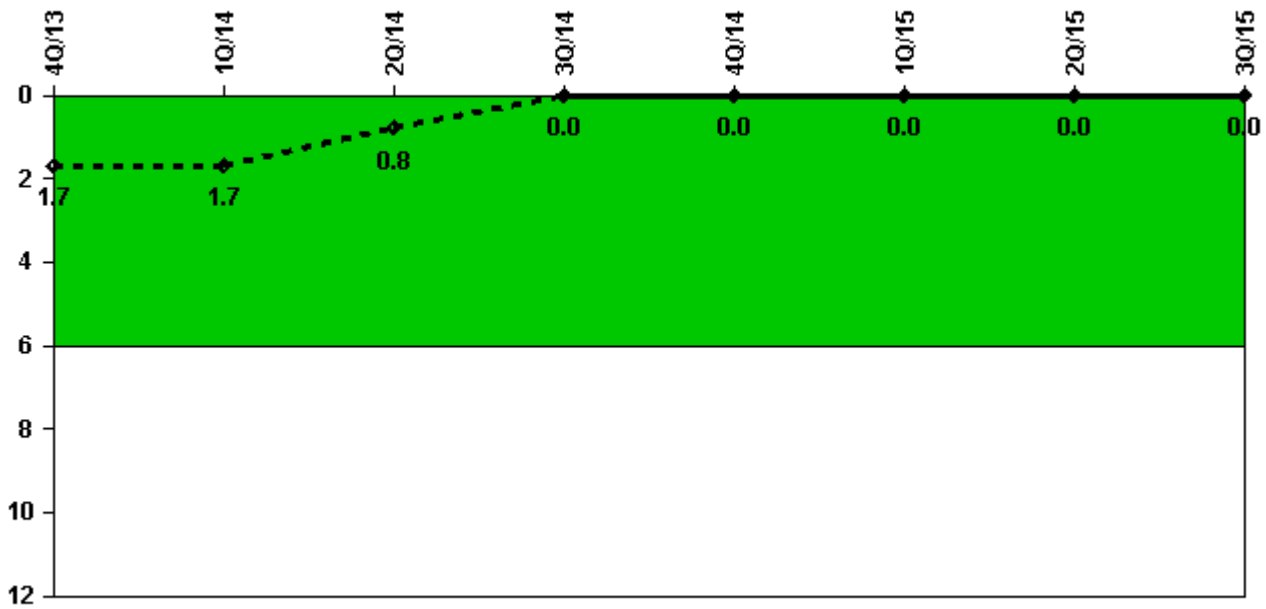
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 1.0 | 0 | 0 | 0 |
| Critical hours | 2209.0 | 2159.0 | 2110.1 | 2208.0 | 1550.8 | 2159.0 | 2184.0 | 2208.0 |
| Indicator value | 0 | 0 | 0 | 0 | 0.9 | 0.9 | 0.9 | 0.9 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 |
|---|------------|------------|------------|----------|----------|----------|----------|----------|
| Unplanned power changes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2209.0 | 2159.0 | 2110.1 | 2208.0 | 1550.8 | 2159.0 | 2184.0 | 2208.0 |
| Indicator value | 1.7 | 1.7 | 0.8 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Scrams with Complications



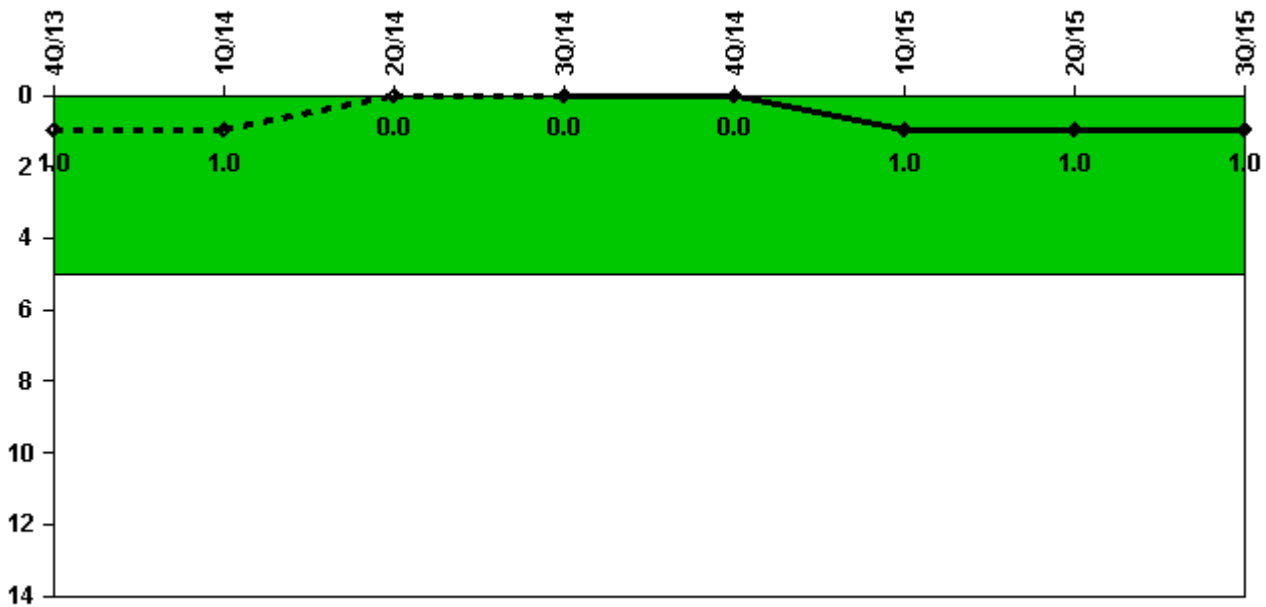
Thresholds: White > 1.0

Notes

| Unplanned Scrams with Complications | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 |
|-------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 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/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Safety System Functional Failures | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Indicator value | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 |

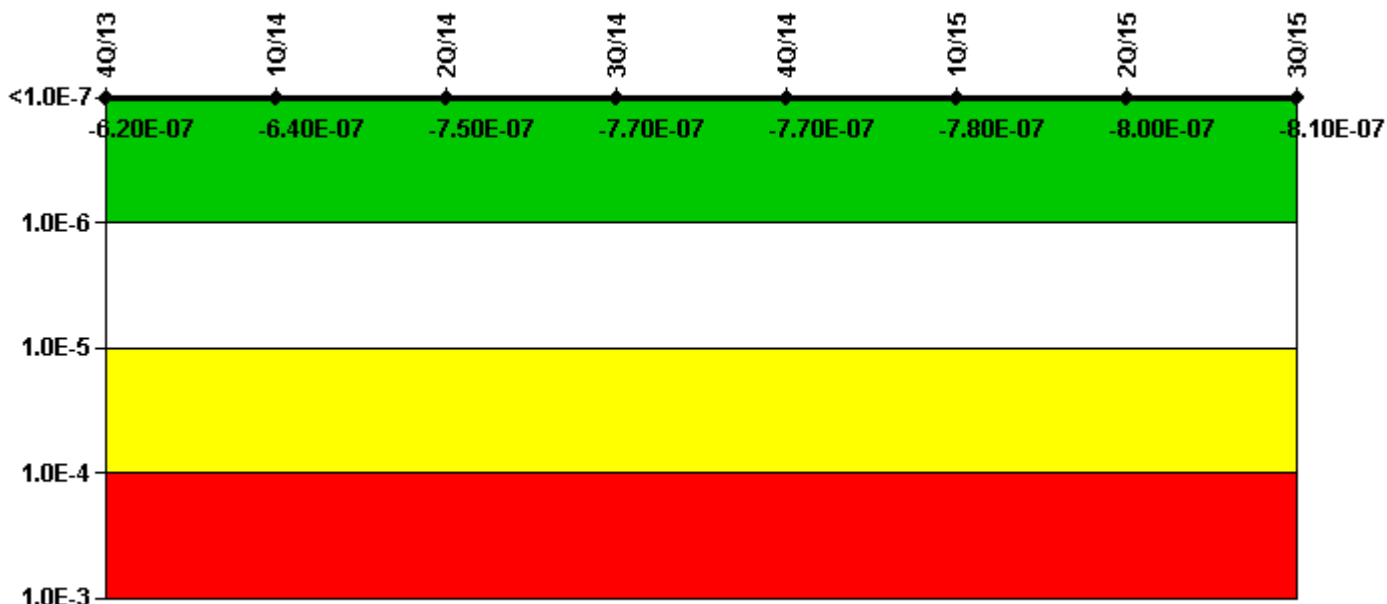
Licensee Comments:

3Q/15: LER 266/2015-004-00 (Units 1 and 2) was submitted in August 2015 but was not reported as a SSFF.

2Q/15: No SSFFs submitted in 2Q15.

1Q/15: LER 2015-001-00, RHR Flooding dated January 19, 2015

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/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 1.06E-07 | 8.75E-08 | 6.96E-08 | 5.43E-08 | 4.55E-08 | 4.62E-08 | 2.90E-08 | 2.70E-08 |
| URI (Δ CDF) | -7.24E-07 | -7.25E-07 | -8.19E-07 | -8.20E-07 | -8.20E-07 | -8.26E-07 | -8.32E-07 | -8.37E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -6.20E-07 | -6.40E-07 | -7.50E-07 | -7.70E-07 | -7.70E-07 | -7.80E-07 | -8.00E-07 | -8.10E-07 |

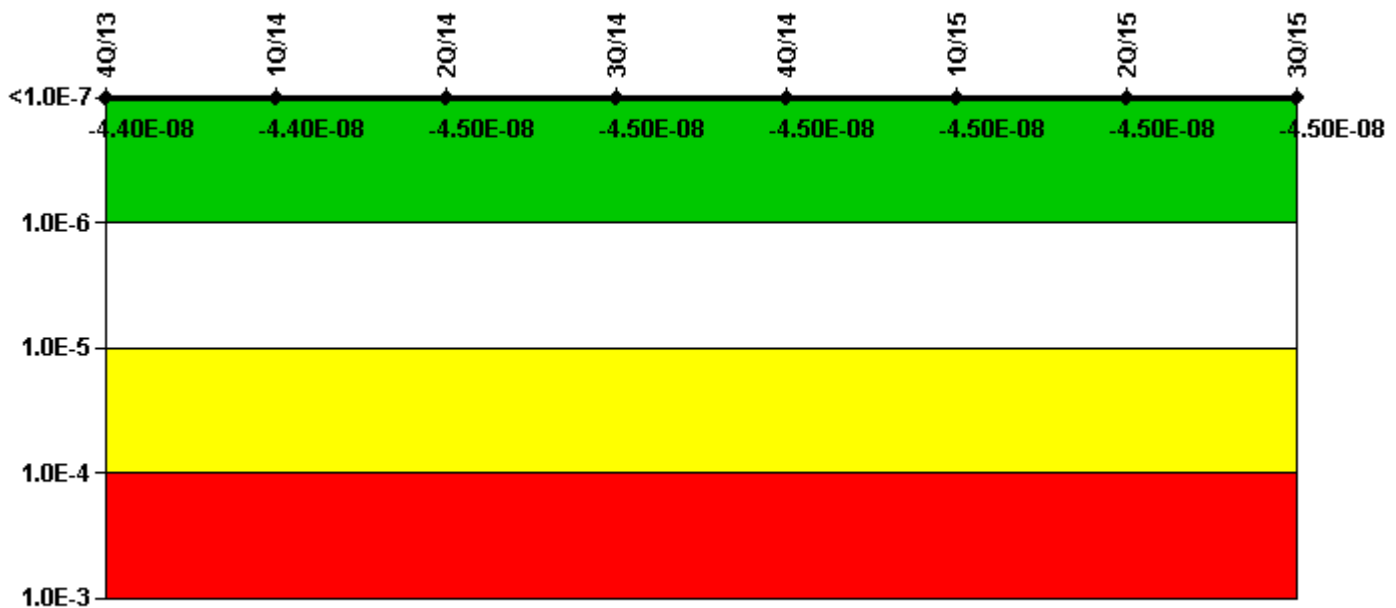
Licensee Comments:

3Q/14: EAC numbers for May 2014 were updated due to data error. Reference AR 01994937 and AR01995233.

2Q/14: The PBNP PRA Model Revision 5.02 was approved on January 17, 2014 with a corresponding MSPI Basis Document revision 23 approved on June 27, 2014. The primary purpose of the PRA update was to resolve an issue identified with the previous model that affected the CDF and LERF calculations when components were taken out of service by setting their basic events to logical TRUE.

2Q/14: Changed PRA Parameter(s). The PBNP PRA Model Revision 5.02 was approved on January 17, 2014 with a corresponding MSPI Basis Document revision 23 approved on June 27, 2014. The primary purpose of the PRA update was to resolve an issue identified with the previous model that affected the CDF and LERF calculations when components were taken out of service by setting their basic events to logical TRUE.

Mitigating Systems Performance Index, High Pressure Injection System



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

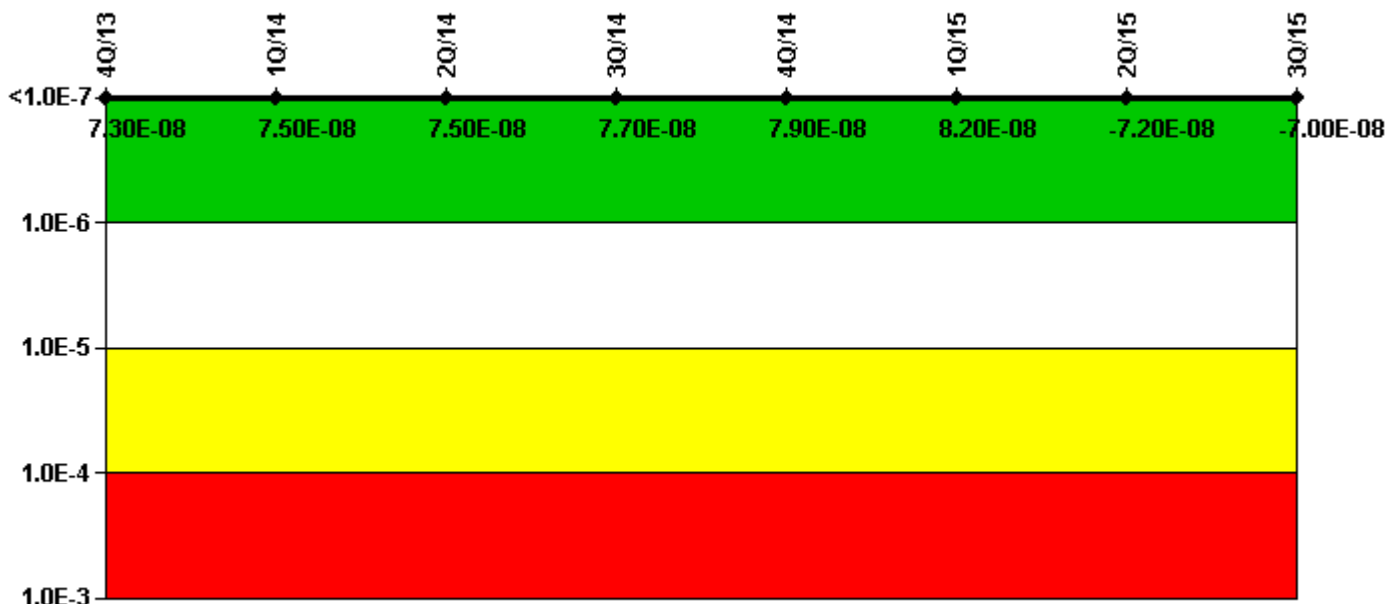
Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -1.65E-08 | -1.65E-08 | -1.71E-08 | -1.71E-08 | -1.71E-08 | -1.71E-08 | -1.71E-08 | -1.71E-08 |
| URI (Δ CDF) | -2.78E-08 | -2.78E-08 | -2.82E-08 | -2.82E-08 | -2.82E-08 | -2.82E-08 | -2.82E-08 | -2.82E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -4.40E-08 | -4.40E-08 | -4.50E-08 | -4.50E-08 | -4.50E-08 | -4.50E-08 | -4.50E-08 | -4.50E-08 |

Licensee Comments:

2Q/14: Changed PRA Parameter(s). The PBNP PRA Model Revision 5.02 was approved on January 17, 2014 with a corresponding MSPI Basis Document revision 23 approved on June 27, 2014. The primary purpose of the PRA update was to resolve an issue identified with the previous model that affected the CDF and LERF calculations when components were taken out of service by setting their basic events to logical TRUE.

Mitigating Systems Performance Index, Heat Removal System



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

Notes

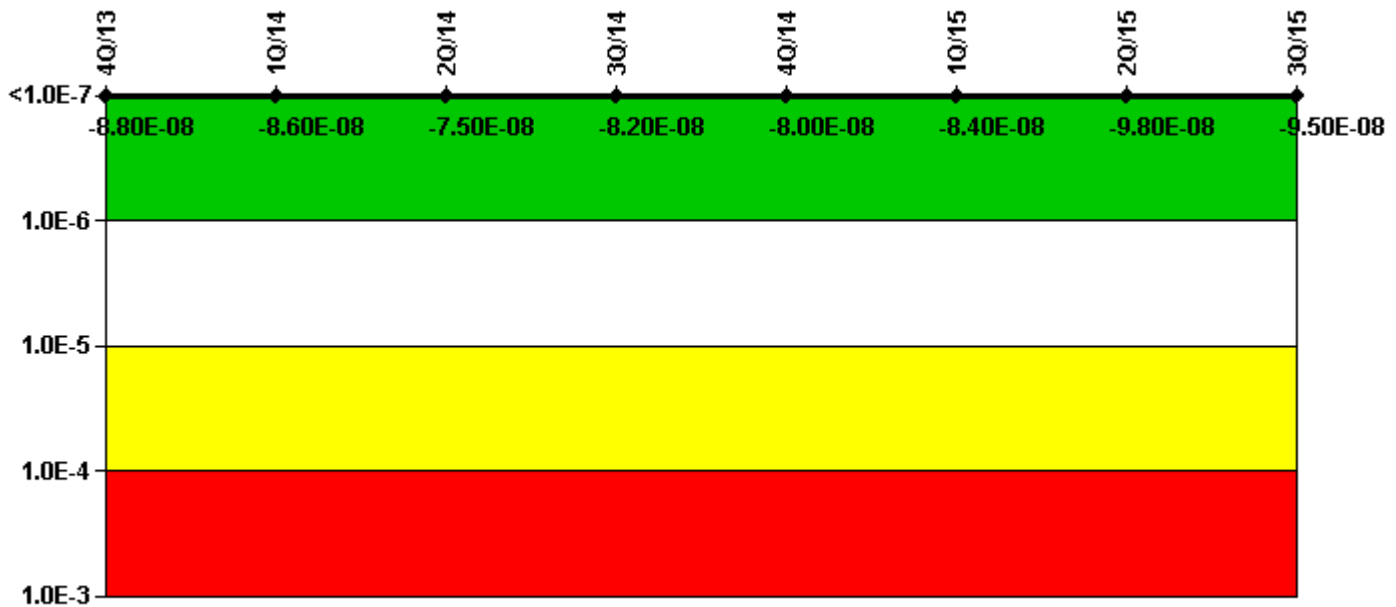
| Mitigating Systems Performance Index, Heat Removal System | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 |
|---|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 1.59E-08 | 1.64E-08 | -6.10E-09 | -6.10E-09 | -4.46E-09 | -6.76E-09 | -2.65E-08 | -2.65E-08 |
| URI (Δ CDF) | 5.69E-08 | 5.87E-08 | 8.09E-08 | 8.29E-08 | 8.37E-08 | 8.84E-08 | -4.56E-08 | -4.36E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 7.30E-08 | 7.50E-08 | 7.50E-08 | 7.70E-08 | 7.90E-08 | 8.20E-08 | -7.20E-08 | -7.00E-08 |

Licensee Comments:

1Q/15: Bearing cooling removed from Auxiliary Feedwater pumps by modification EC2372527 (U1). Associated valves were removed from MSPI Basis Document and CDE.

2Q/14: Changed PRA Parameter(s). The PBNP PRA Model Revision 5.02 was approved on January 17, 2014 with a corresponding MSPI Basis Document revision 23 approved on June 27, 2014. The primary purpose of the PRA update was to resolve an issue identified with the previous model that affected the CDF and LERF calculations when components were taken out of service by setting their basic events to logical TRUE.

Mitigating Systems Performance Index, Residual Heat Removal System



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

Notes

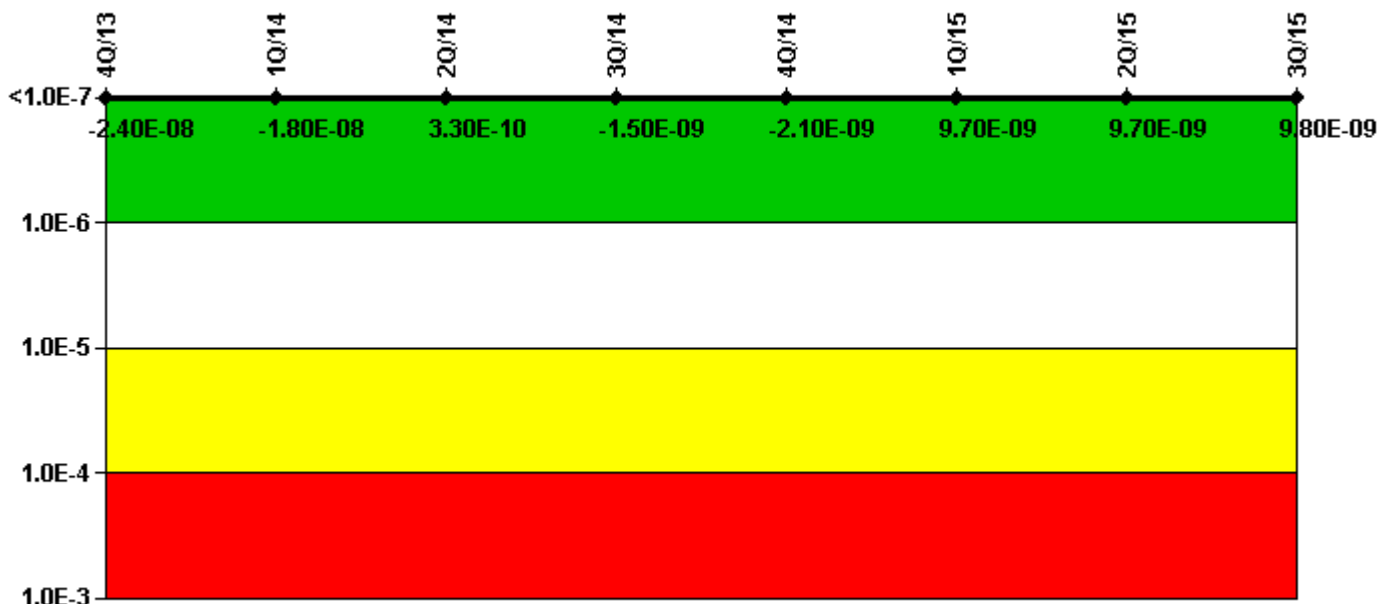
| Mitigating Systems Performance Index, Residual Heat Removal System | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (ΔCDF) | 3.77E-08 | 4.10E-08 | 4.46E-08 | 3.76E-08 | 4.03E-08 | 3.64E-08 | 2.33E-08 | 2.71E-08 |
| URI (ΔCDF) | -1.26E-07 | -1.27E-07 | -1.19E-07 | -1.20E-07 | -1.20E-07 | -1.21E-07 | -1.21E-07 | -1.22E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -8.80E-08 | -8.60E-08 | -7.50E-08 | -8.20E-08 | -8.00E-08 | -8.40E-08 | -9.80E-08 | -9.50E-08 |

Licensee Comments:

2Q/14: Changed PRA Parameter(s). The PBNP PRA Model Revision 5.02 was approved on January 17, 2014 with a corresponding MSPI Basis Document revision 23 approved on June 27, 2014. The primary purpose of the PRA update was to resolve an issue identified with the previous model that affected the CDF and LERF calculations when components were taken out of service by setting their basic events to logical TRUE.

4Q/13: Past unavailability revised to include hours from IT-12 and IT-13 to account for difference between assigned operator and dedicated operator. (AR01901575)

Mitigating Systems Performance Index, Cooling Water Systems



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

Notes

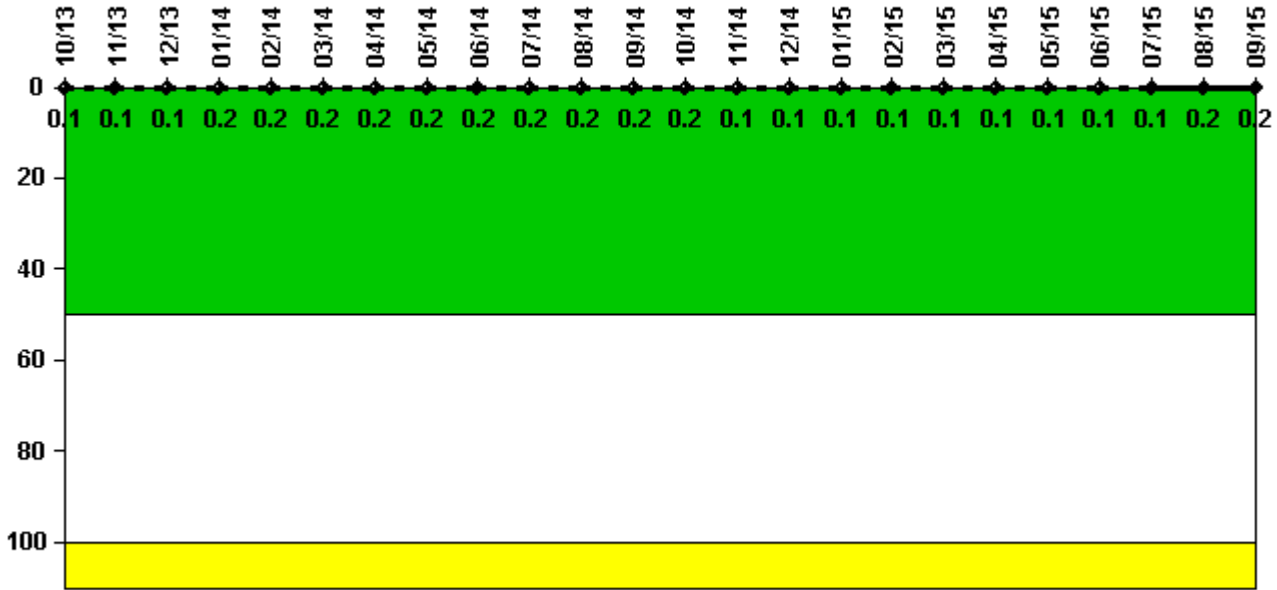
| Mitigating Systems Performance Index, Cooling Water Systems | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -1.63E-08 | -1.03E-08 | 2.41E-09 | 5.77E-10 | -5.20E-11 | 1.24E-08 | 1.25E-08 | 1.26E-08 |
| URI (Δ CDF) | -7.44E-09 | -7.53E-09 | -2.07E-09 | -2.12E-09 | -2.01E-09 | -2.72E-09 | -2.77E-09 | -2.82E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -2.40E-08 | -1.80E-08 | 3.30E-10 | -1.50E-09 | -2.10E-09 | 9.70E-09 | 9.70E-09 | 9.80E-09 |

Licensee Comments:

4Q/14: Failure of Service Water pump motor P-032D-M failed to run 10/7/2014, AR1996936.

2Q/14: Changed PRA Parameter(s). The PBNP PRA Model Revision 5.02 was approved on January 17, 2014 with a corresponding MSPI Basis Document revision 23 approved on June 27, 2014. The primary purpose of the PRA update was to resolve an issue identified with the previous model that affected the CDF and LERF calculations when components were taken out of service by setting their basic events to logical TRUE. The planned unavailability baseline for the Cooling Water System 1 (Service Water System) overboard valves was reduced to reflect the current maintenance practice of not danger-tagging these valves closed for ice melt or during refueling outages (AR01670874). This change is consistent with how unavailability of these valves is treated in the PRA model.

Reactor Coolant System Activity



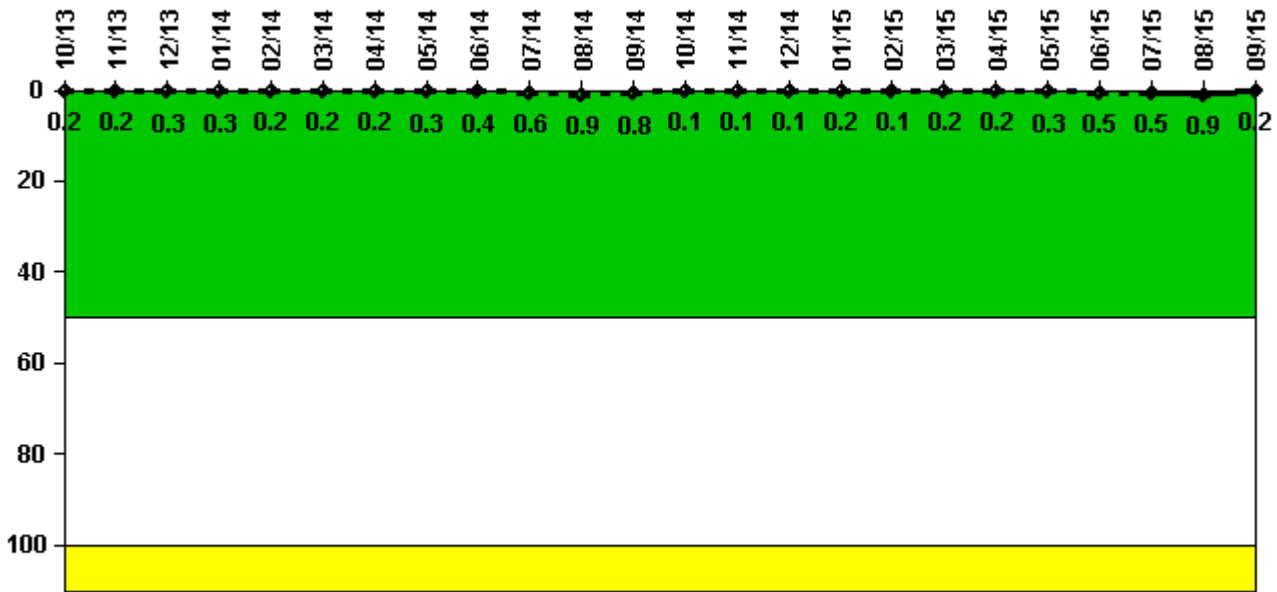
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Activity | 10/13 | 11/13 | 12/13 | 1/14 | 2/14 | 3/14 | 4/14 | 5/14 | 6/14 | 7/14 | 8/14 | 9/14 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000688 | 0.000696 | 0.000745 | 0.000780 | 0.000829 | 0.000805 | 0.000869 | 0.000868 | 0.000907 | 0.000931 | 0.000990 | 0.000990 |
| 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 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Reactor Coolant System Activity | 10/14 | 11/14 | 12/14 | 1/15 | 2/15 | 3/15 | 4/15 | 5/15 | 6/15 | 7/15 | 8/15 | 9/15 |
| Maximum activity | 0.001030 | 0.000458 | 0.000505 | 0.000592 | 0.000585 | 0.000613 | 0.000666 | 0.000685 | 0.000702 | 0.000733 | 0.000763 | 0.000781 |
| 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 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 |

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

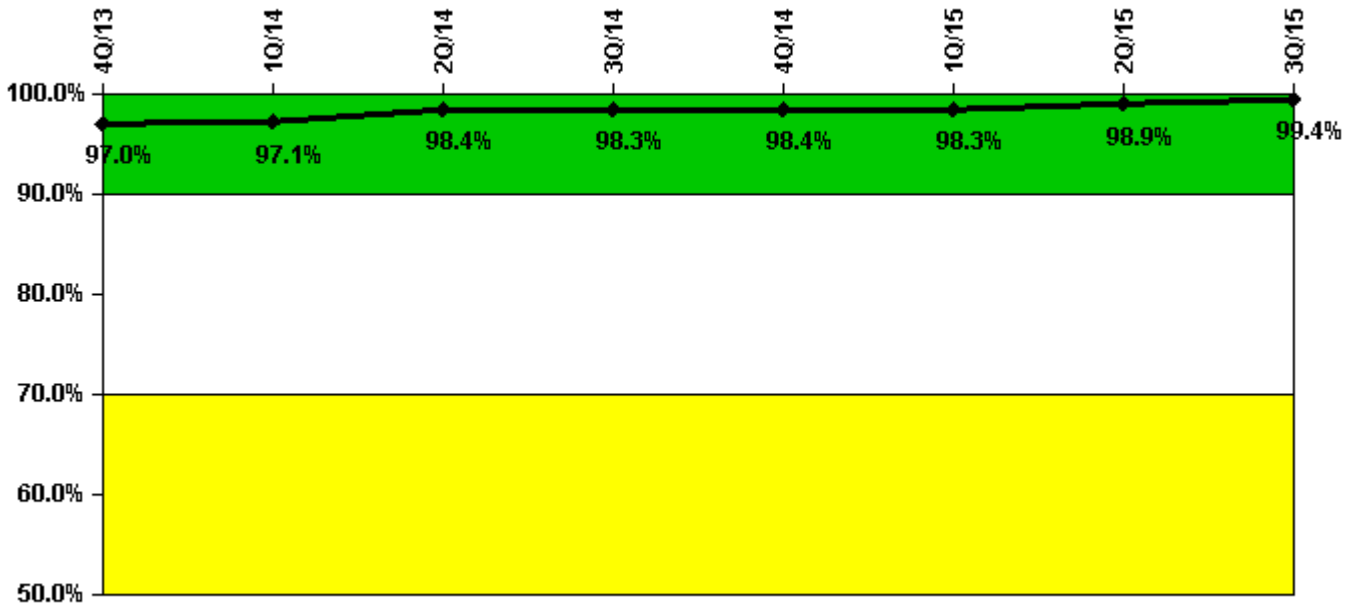
Notes

| Reactor Coolant System Leakage | 10/13 | 11/13 | 12/13 | 1/14 | 2/14 | 3/14 | 4/14 | 5/14 | 6/14 | 7/14 | 8/14 | 9/14 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 0.019 | 0.022 | 0.027 | 0.025 | 0.020 | 0.020 | 0.019 | 0.028 | 0.041 | 0.056 | 0.094 | 0.078 |
| 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 | 0.2 | 0.2 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.3 | 0.4 | 0.6 | 0.9 | 0.8 |

| Reactor Coolant System Leakage | 10/14 | 11/14 | 12/14 | 1/15 | 2/15 | 3/15 | 4/15 | 5/15 | 6/15 | 7/15 | 8/15 | 9/15 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 0.010 | 0.014 | 0.011 | 0.015 | 0.014 | 0.020 | 0.023 | 0.029 | 0.047 | 0.045 | 0.092 | 0.023 |
| 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 | 0.1 | 0.1 | 0.2 | 0.1 | 0.2 | 0.2 | 0.3 | 0.5 | 0.5 | 0.9 | 0.2 |

Licensee Comments: none

Drill/Exercise Performance



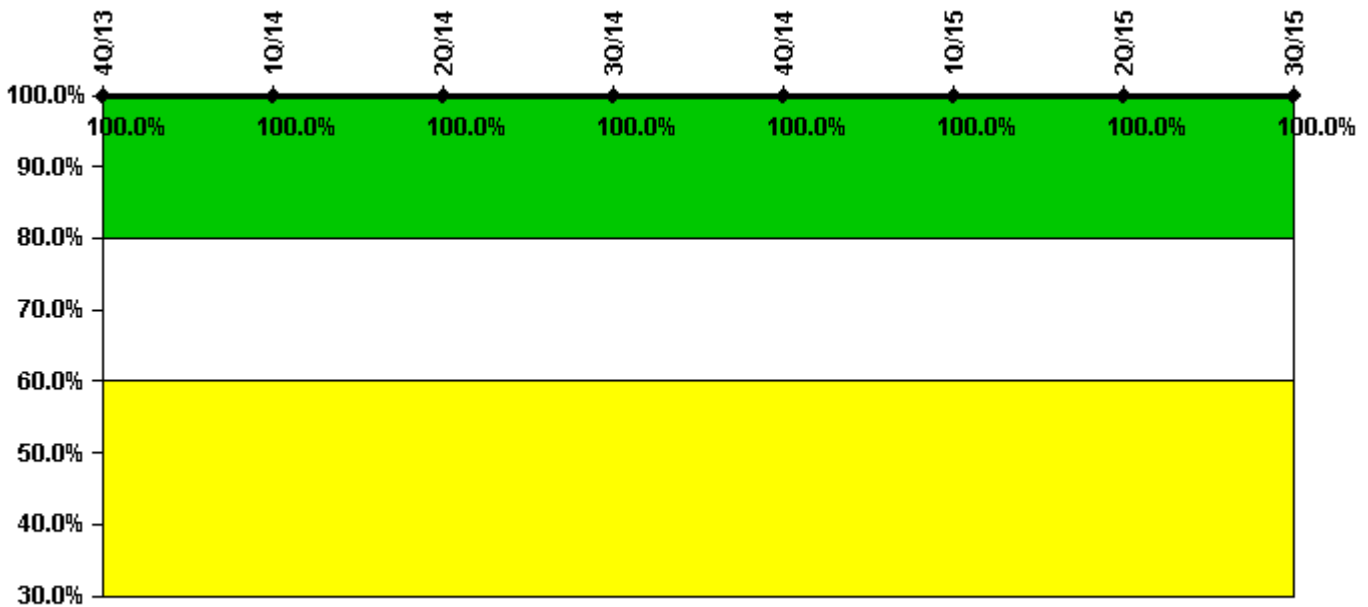
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 8.0 | 30.0 | 23.0 | 20.0 | 14.0 | 20.0 | 32.0 | 12.0 |
| Total opportunities | 8.0 | 30.0 | 24.0 | 20.0 | 14.0 | 20.0 | 32.0 | 12.0 |
| Indicator value | 97.0% | 97.1% | 98.4% | 98.3% | 98.4% | 98.3% | 98.9% | 99.4% |

Licensee Comments: none

ERO Drill Participation



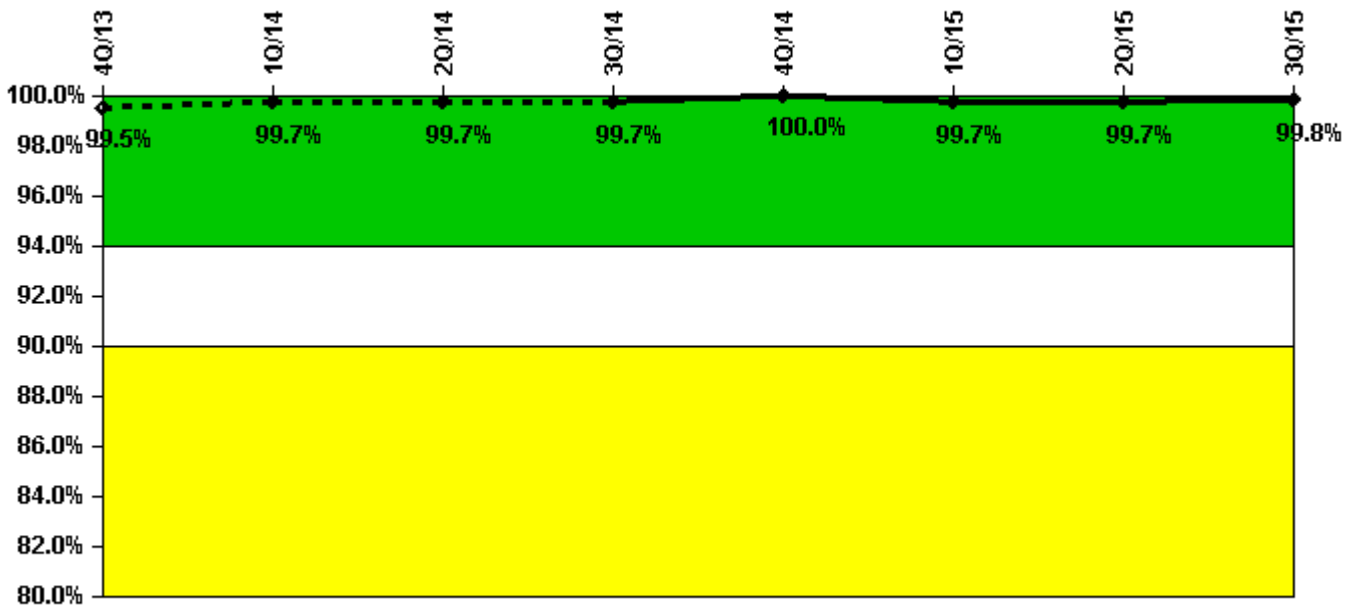
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| Participating Key personnel | 58.0 | 58.0 | 60.0 | 58.0 | 55.0 | 56.0 | 63.0 | 62.0 |
| Total Key personnel | 58.0 | 58.0 | 60.0 | 58.0 | 55.0 | 56.0 | 63.0 | 62.0 |
| Indicator value | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

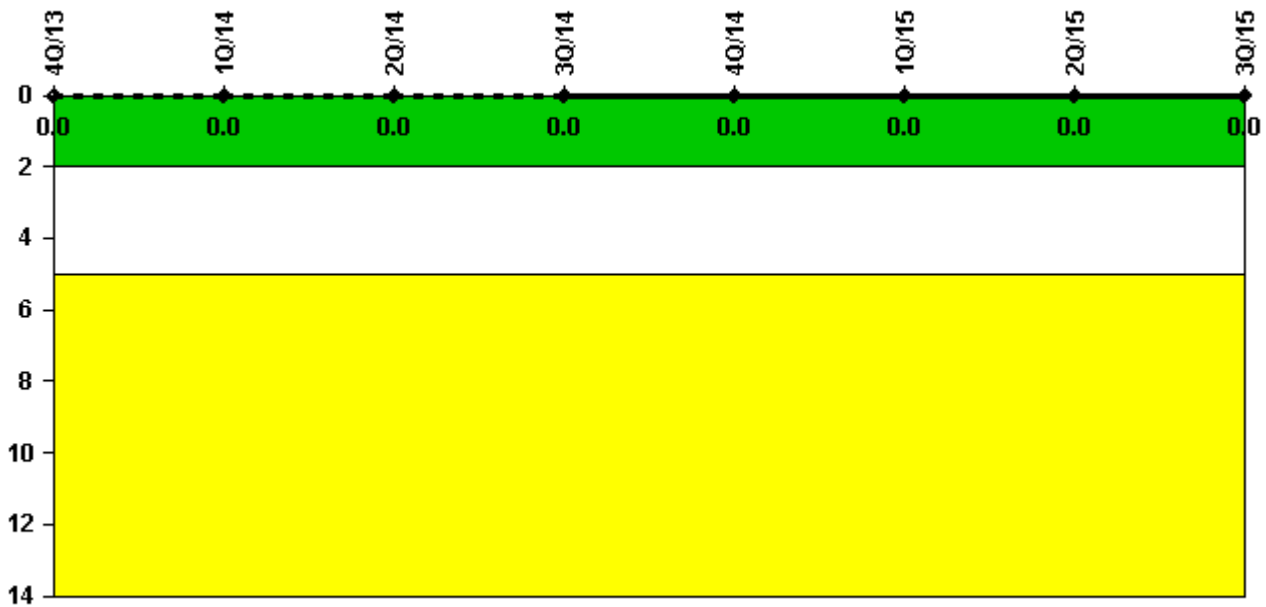
Notes

| Alert & Notification System | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 |
|-----------------------------|--------------|--------------|--------------|--------------|---------------|--------------|--------------|--------------|
| Successful siren-tests | 97 | 98 | 98 | 98 | 112 | 83 | 98 | 112 |
| Total sirens-tests | 98 | 98 | 98 | 98 | 112 | 84 | 98 | 112 |
| Indicator value | 99.5% | 99.7% | 99.7% | 99.7% | 100.0% | 99.7% | 99.7% | 99.8% |

Licensee Comments:

1Q/14: Point Beach ANS coverage takes credit for 8 sirens located in Kewaunee County that are owned and maintained by Kewaunee Power Station. As identified in FAQ 13-04, Point Beach is documenting the siren testing performance for these 8 sirens in the notes section of the Point Beach monthly ANS indicators.

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 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.

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

Last Modified: December 15, 2015