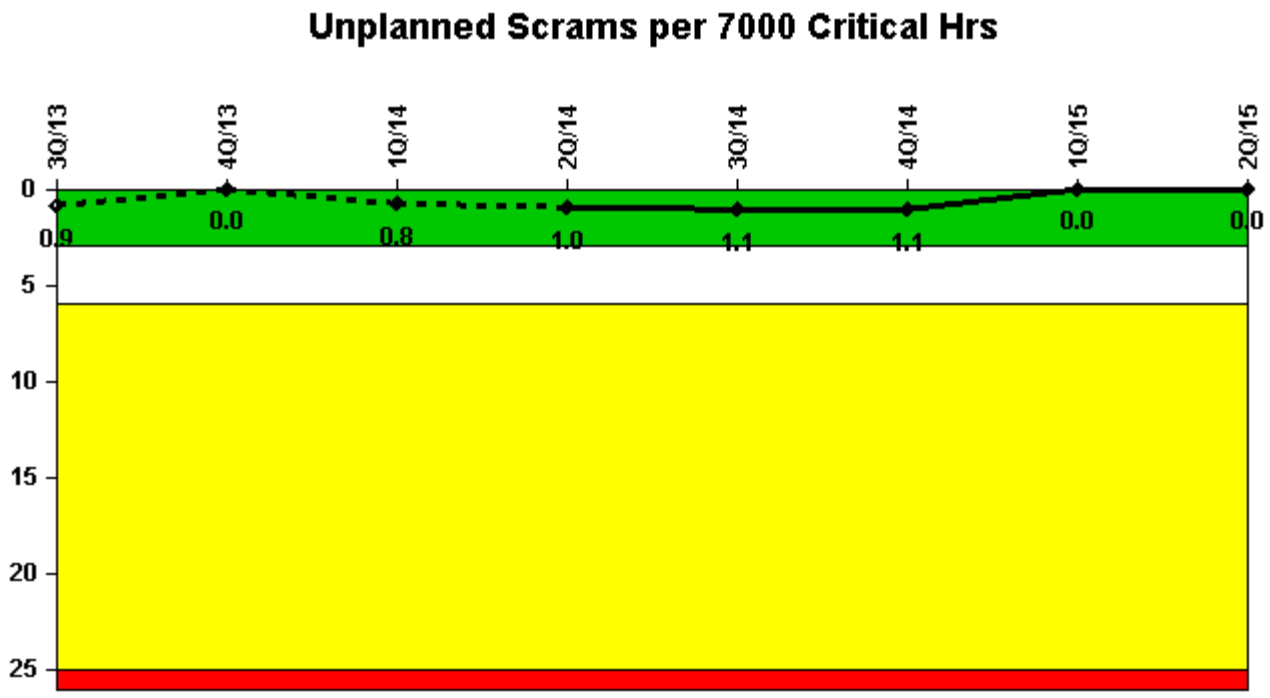
Salem 2

2Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none



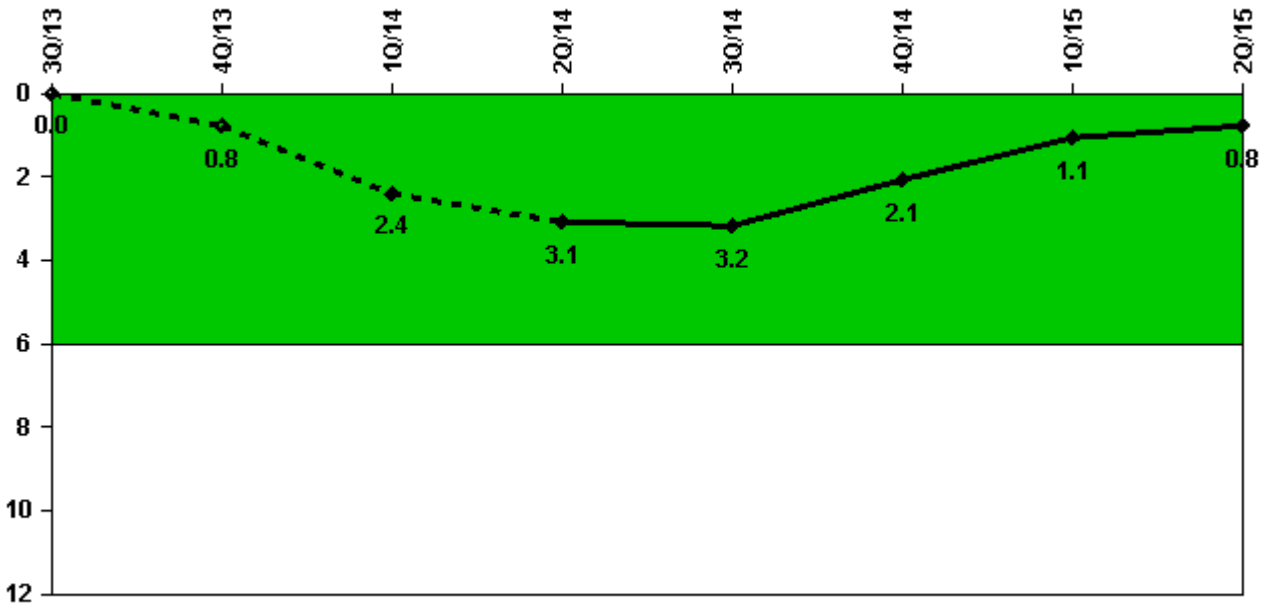
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Unplanned scrams	0	0	1.0	0	0	0	0	0
Critical hours	2208.0	2209.0	2121.9	284.0	1913.8	2209.0	2159.0	2184.0
Indicator value	**0.9**	**0**	**0.8**	**1.0**	**1.1**	**1.1**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

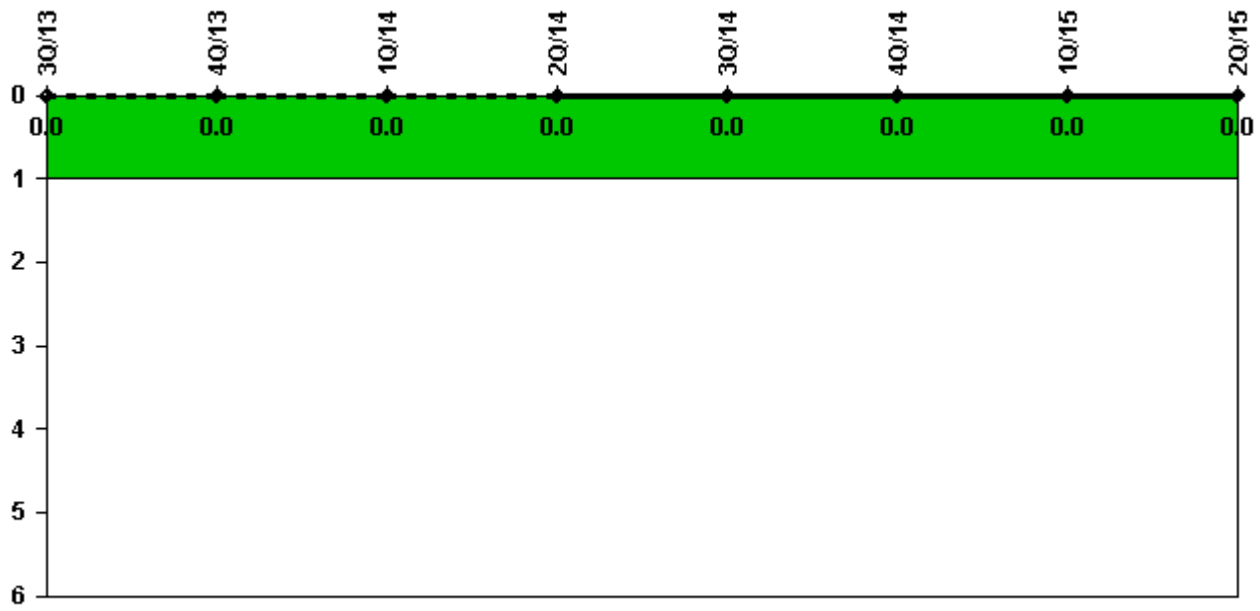
Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Unplanned power changes	0	1.0	2.0	0	0	0	1.0	0
Critical hours	2208.0	2209.0	2121.9	284.0	1913.8	2209.0	2159.0	2184.0
Indicator value	**0**	**0.8**	**2.4**	**3.1**	**3.2**	**2.1**	**1.1**	**0.8**

Licensee Comments:

1Q/14: NRC granted a NOED during the quarter (Feb 2014), which if not granted, may have resulted in an unplanned power change.

Unplanned Scrams with Complications

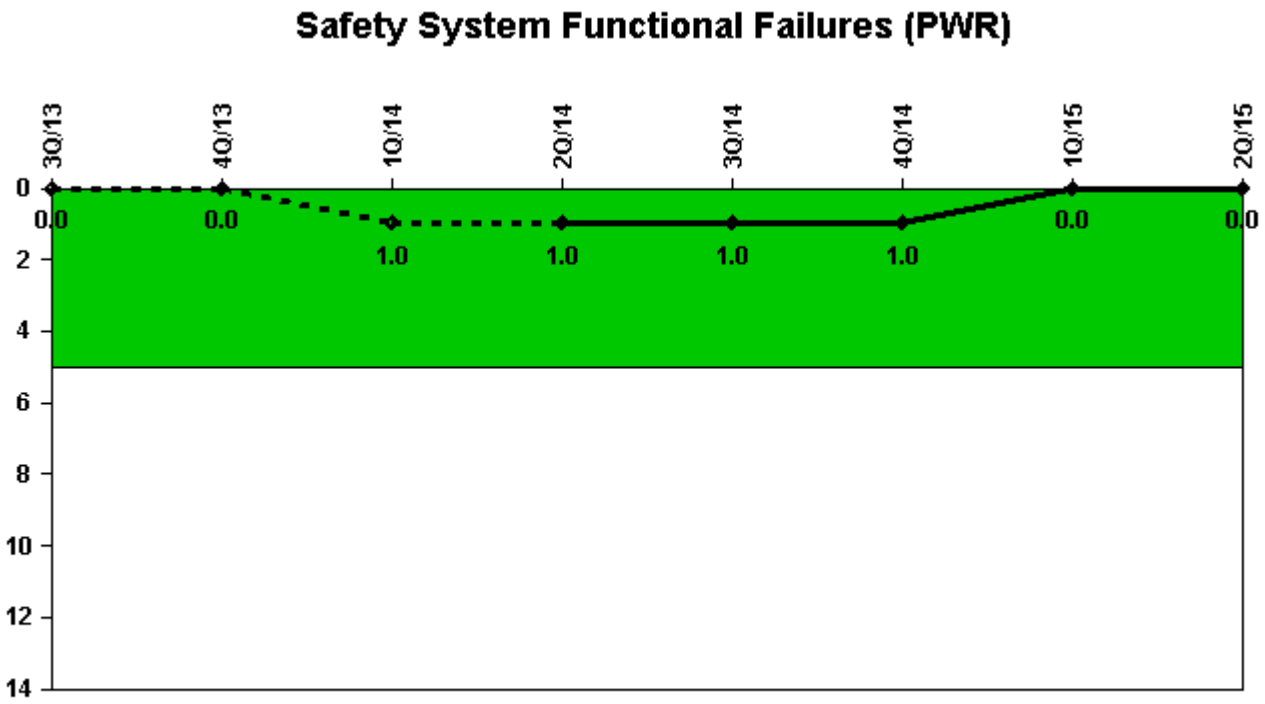


Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/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



Thresholds: White > 5.0

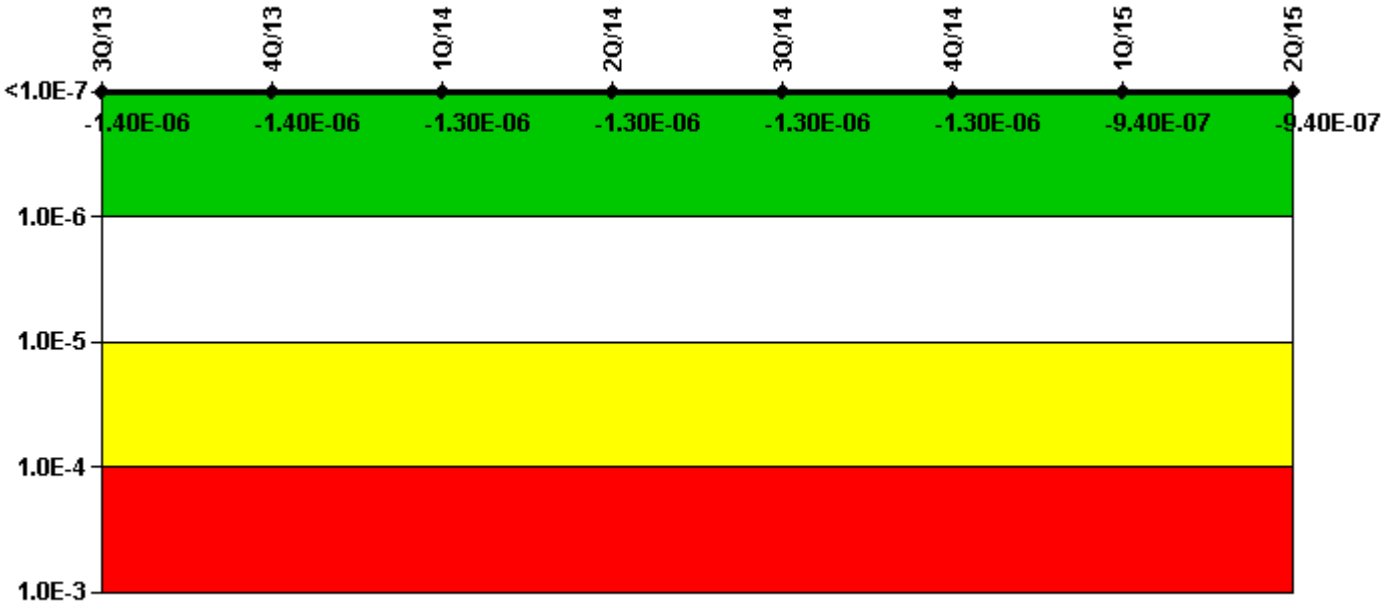
Notes

Safety System Functional Failures (PWR)	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Safety System Functional Failures	0	0	1	0	0	0	0	0
Indicator value	**0**	**0**	**1**	**1**	**1**	**1**	**0**	**0**

Licensee Comments:

1Q/14: LER 272/2014-001-00.

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	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
UAI (ΔCDF)	-1.62E-07	-1.62E-07	-1.62E-07	-1.62E-07	-1.62E-07	-1.62E-07	-1.66E-07	-1.66E-07
URI (ΔCDF)	-1.24E-06	-1.23E-06	-1.12E-06	-1.17E-06	-1.15E-06	-1.13E-06	-7.74E-07	-7.73E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.40E-06**	**-1.40E-06**	**-1.30E-06**	**-1.30E-06**	**-1.30E-06**	**-1.30E-06**	**-9.40E-07**	**-9.40E-07**

Licensee Comments:

2Q/15: 4Q12 through 4Q14 data was revised due to an error in the demand and run time calculations. This PI remained green during all time periods following the changes.

1Q/15: Changed PRA Parameter(s). Revised MSPI basis data due to incorrect accounting of post maintenance testing

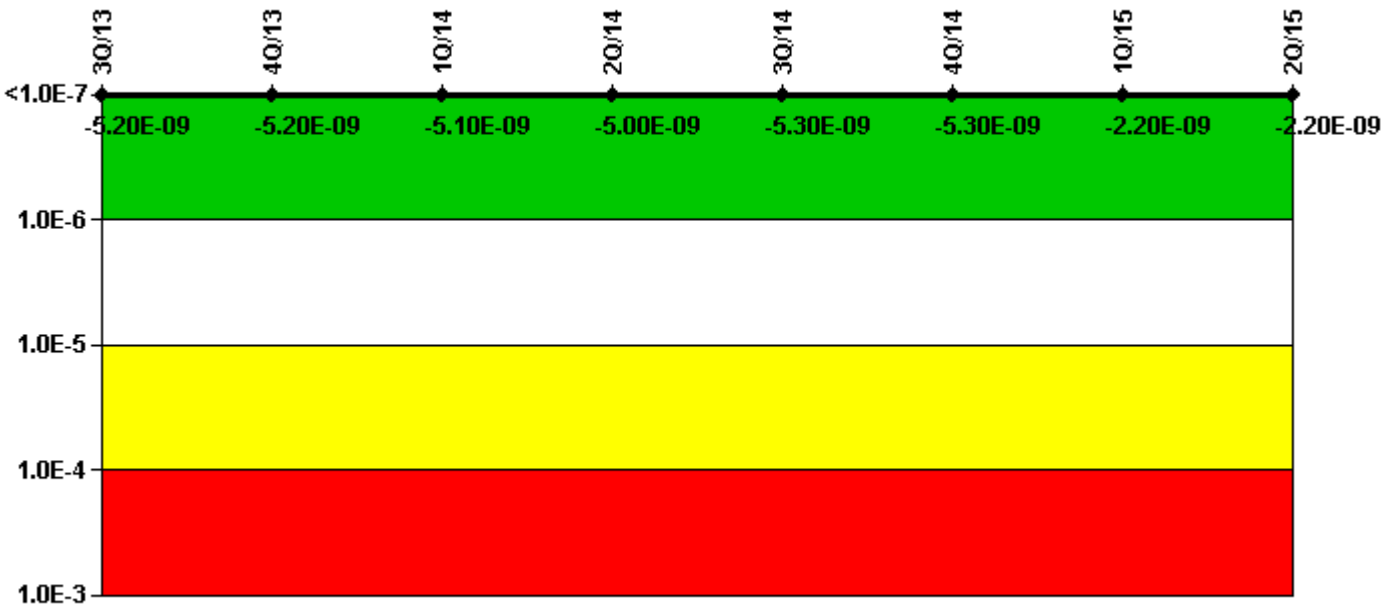
4Q/14: Changed PRA Parameter(s).

1Q/14: Hours counted due to 2B EDG K1C discovered condition. Hours were originally under "Unplanned". Review of NEI 99-02 considers this "Planned": "electively removed from service to correct a degraded condition that had not resulted in loss of function.

1Q/14: Hours counted due to 2B EDG K1C discovered condition. Hours were originally under "Unplanned". Review of NEI 99-02 considers this "Planned": "electively removed from service to correct a degraded condition

that had not resulted in loss of function.

Mitigating Systems Performance Index, High Pressure Injection System



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

Notes

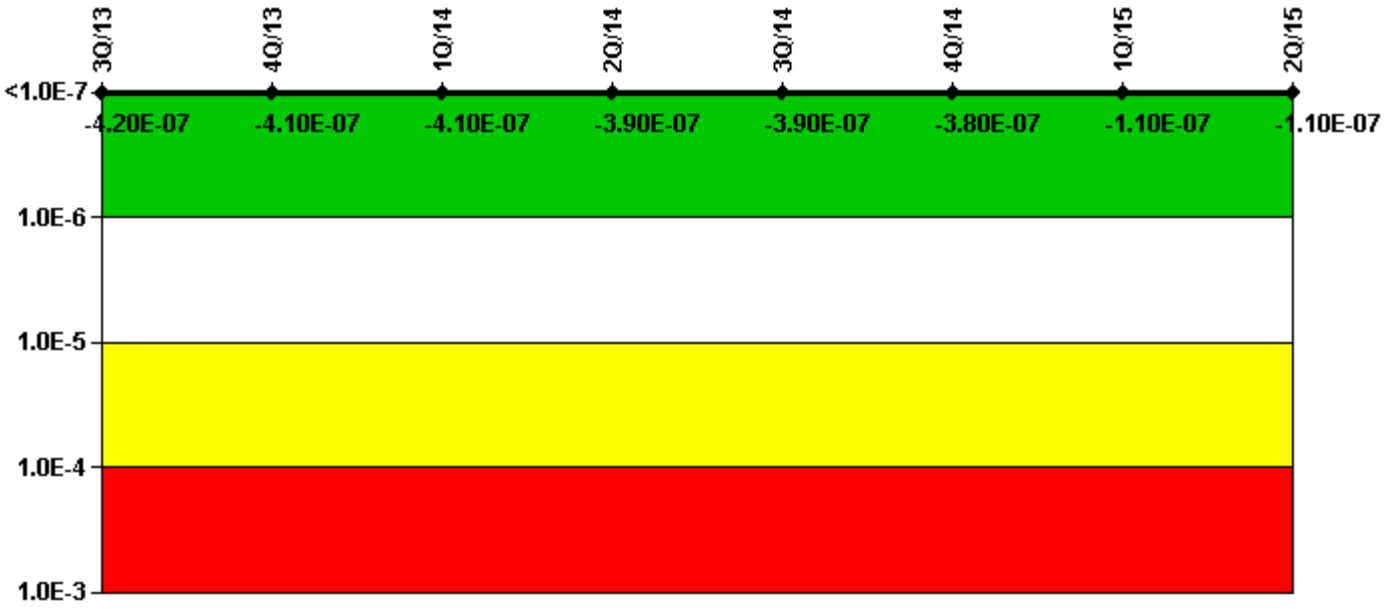
Mitigating Systems Performance Index, High Pressure Injection System	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**
UAI (ΔCDF)	-5.76E-10	-5.77E-10	-4.93E-10	-4.67E-10	-7.22E-10	-7.22E-10	-5.15E-10	-5.15E-10
URI (ΔCDF)	-4.60E-09	-4.59E-09	-4.59E-09	-4.57E-09	-4.56E-09	-4.55E-09	-1.70E-09	-1.70E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.20E-09**	**-5.20E-09**	**-5.10E-09**	**-5.00E-09**	**-5.30E-09**	**-5.30E-09**	**-2.20E-09**	**-2.20E-09**

Licensee Comments:

2Q/15: 1Q13 through 4Q14 data was revised due to an error in the demand and run time calculations. This PI remained green during all time periods following the changes.

4Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



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

Notes

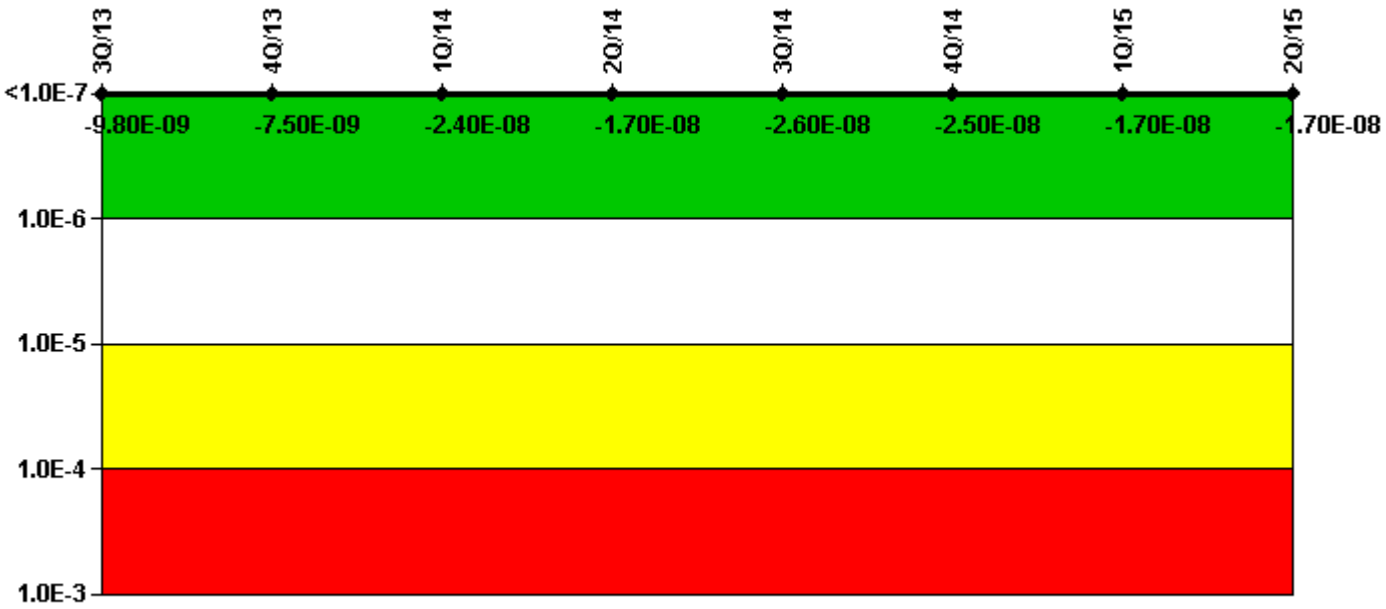
Mitigating Systems Performance Index, Heat Removal System	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
UAI (ΔCDF)	-6.21E-08	-6.21E-08	-6.21E-08	-6.21E-08	-6.21E-08	-6.21E-08	-1.72E-08	-1.69E-08
URI (ΔCDF)	-3.62E-07	-3.51E-07	-3.44E-07	-3.31E-07	-3.27E-07	-3.18E-07	-9.03E-08	-8.88E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.20E-07**	**-4.10E-07**	**-4.10E-07**	**-3.90E-07**	**-3.90E-07**	**-3.80E-07**	**-1.10E-07**	**-1.10E-07**

Licensee Comments:

2Q/15: 2Q12 through 4Q14 data was revised due to an error in the demand and run time calculations. This PI remained green during all time periods following the changes.

4Q/14: 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

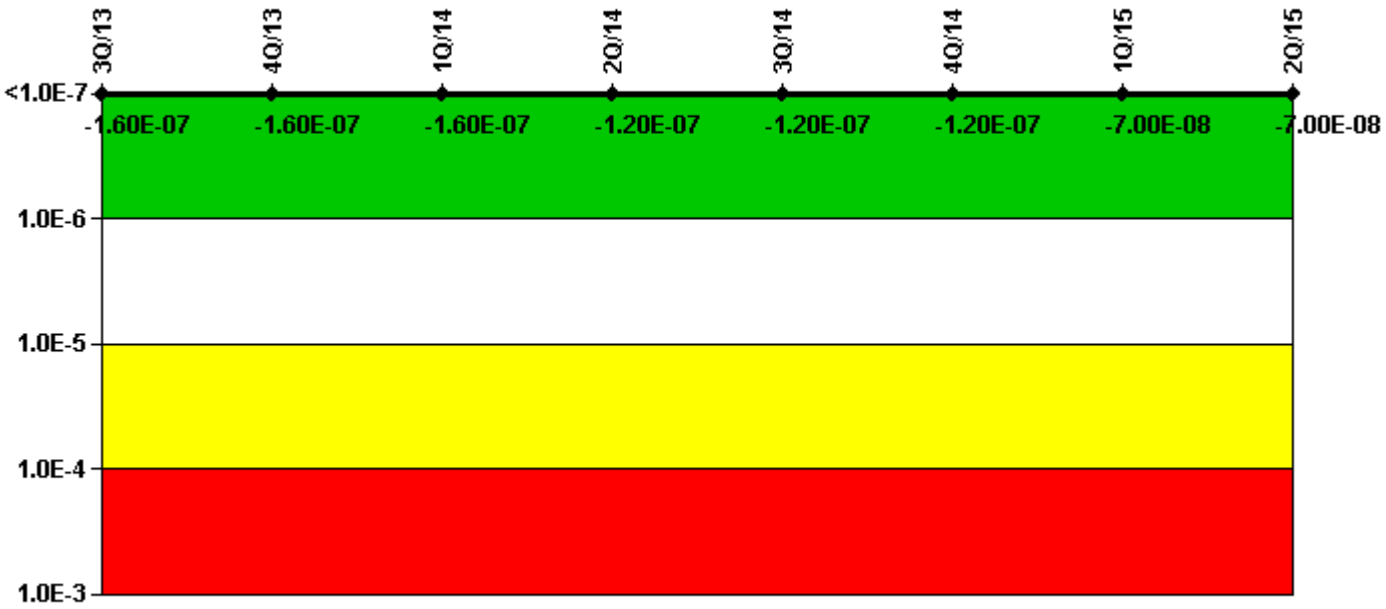
Mitigating Systems Performance Index, Residual Heat Removal System	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
UAI (ΔCDF)	4.70E-08	4.97E-08	3.31E-08	3.86E-08	3.10E-08	3.24E-08	1.56E-09	1.56E-09
URI (ΔCDF)	-5.67E-08	-5.72E-08	-5.72E-08	-5.53E-08	-5.69E-08	-5.74E-08	-1.81E-08	-1.81E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-9.80E-09**	**-7.50E-09**	**-2.40E-08**	**-1.70E-08**	**-2.60E-08**	**-2.50E-08**	**-1.70E-08**	**-1.70E-08**

Licensee Comments:

2Q/15: 1Q13 through 4Q14 data was revised due to an error in the demand and run time calculations. This PI remained green during all time periods following the changes.

4Q/14: 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

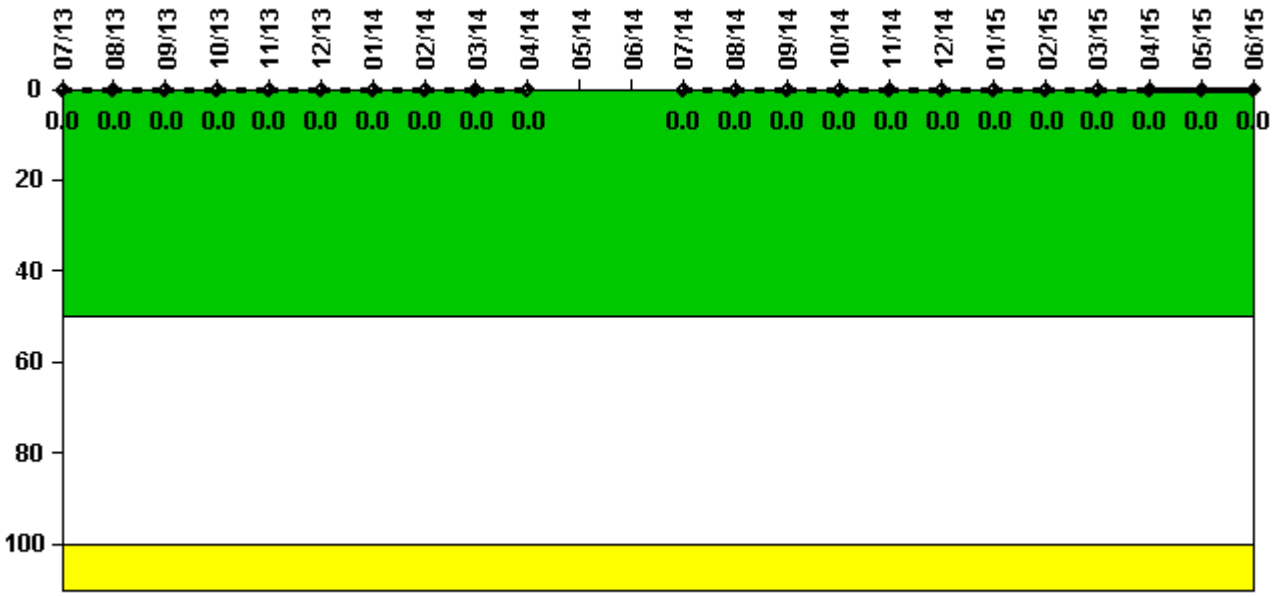
Mitigating Systems Performance Index, Cooling Water Systems	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
UAI (ΔCDF)	-1.45E-07	-1.45E-07	-1.45E-07	-1.45E-07	-1.45E-07	-1.45E-07	-6.87E-08	-6.87E-08
URI (ΔCDF)	-1.73E-08	-1.73E-08	-1.73E-08	2.27E-08	2.27E-08	2.27E-08	-1.19E-09	-1.19E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.60E-07**	**-1.60E-07**	**-1.60E-07**	**-1.20E-07**	**-1.20E-07**	**-1.20E-07**	**-7.00E-08**	**-7.00E-08**

Licensee Comments:

4Q/14: Changed PRA Parameter(s).

2Q/14: 21SW127 failed to automatically respond to any signal (cascade, manual, auto). This condition was not identified during or prior to post-maintenance testing (PMT) and was therefore unable to be corrected prior to being returned to operable status.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

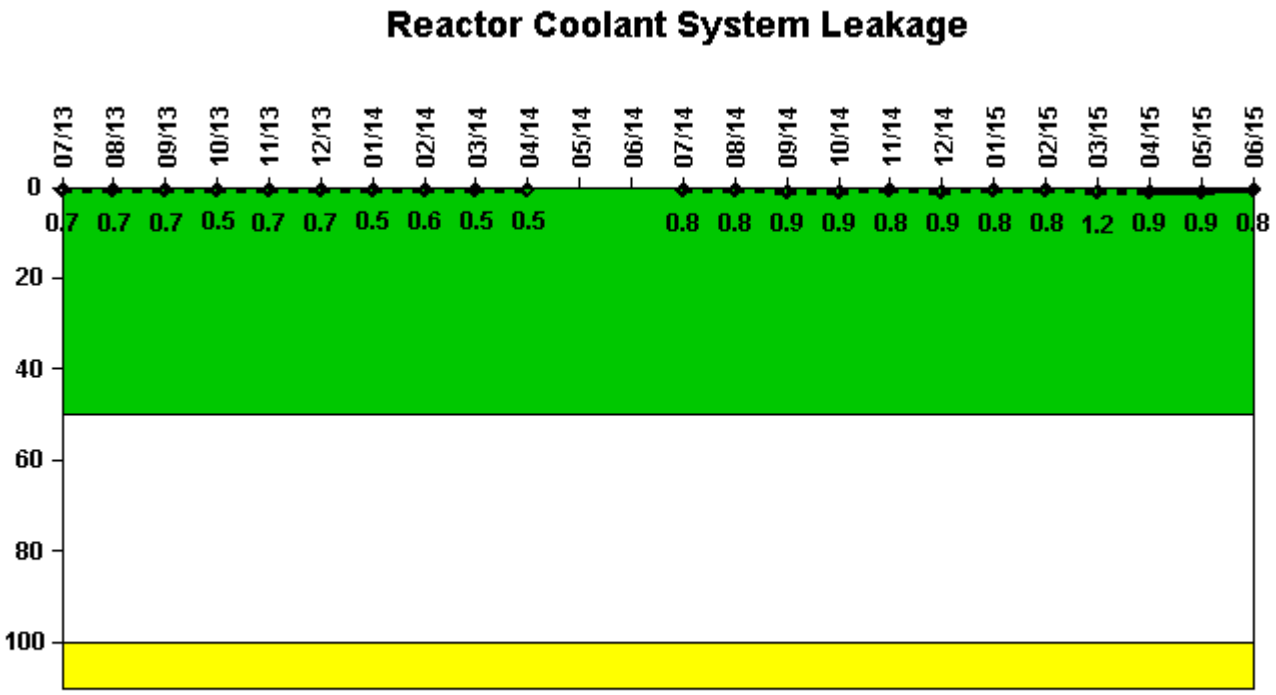
Notes

Reactor Coolant System Activity	7/13	8/13	9/13	10/13	11/13	12/13	1/14	2/14	3/14	4/14	5/14	6/14
Maximum activity	0.000194	0.000220	0.000204	0.000198	0.000239	0.000117	0.000211	0.000123	0.000373	0.000269	N/A	N/A
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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**N/A**	**N/A**

Reactor Coolant System Activity	7/14	8/14	9/14	10/14	11/14	12/14	1/15	2/15	3/15	4/15	5/15	6/15
Maximum activity	0.000065	0.000065	0.000065	0.000071	0.000099	0.000075	0.000129	0.000186	0.000133	0.000155	0.000141	0.000094
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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments:

6/14: The Unit was in an extended outage due to RCP Pump Vane bolt failures.



Thresholds: White > 50.0 Yellow > 100.0

Notes

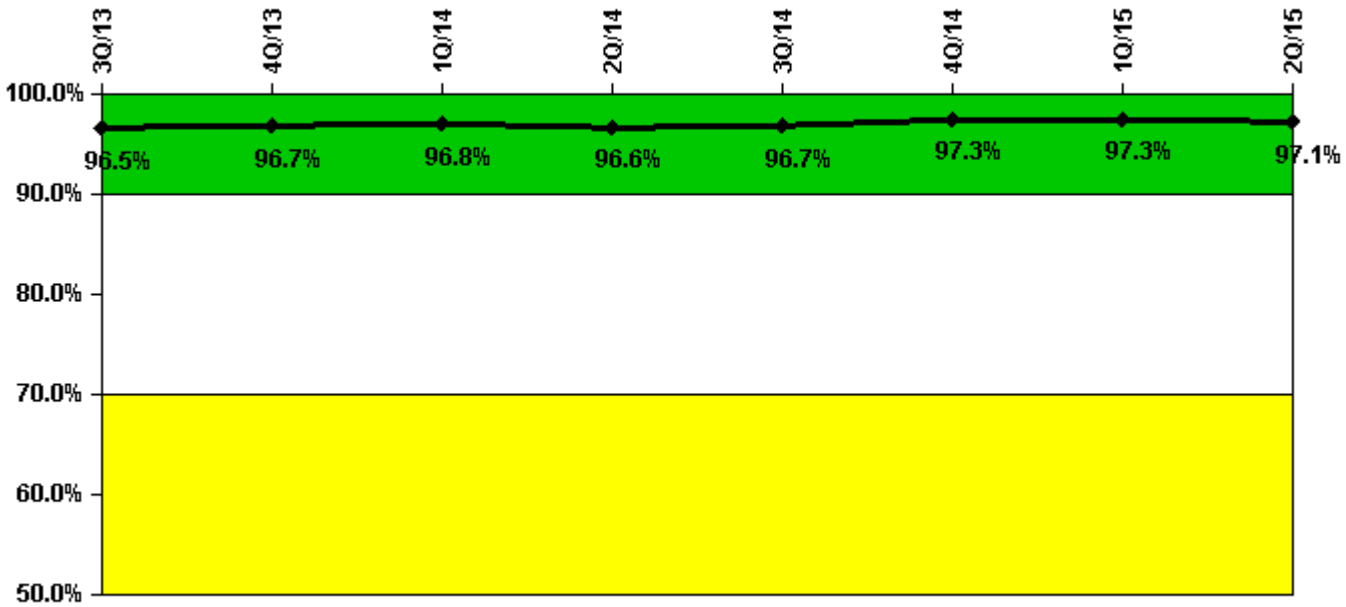
Reactor Coolant System Leakage	7/13	8/13	9/13	10/13	11/13	12/13	1/14	2/14	3/14	4/14	5/14	6/14
Maximum leakage	0.071	0.067	0.067	0.053	0.065	0.073	0.048	0.056	0.051	0.053	N/A	N/A
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.7**	**0.7**	**0.7**	**0.5**	**0.7**	**0.7**	**0.5**	**0.6**	**0.5**	**0.5**	**N/A**	**N/A**
Reactor Coolant System Leakage	**7/14**	**8/14**	**9/14**	**10/14**	**11/14**	**12/14**	**1/15**	**2/15**	**3/15**	**4/15**	**5/15**	**6/15**
Maximum leakage	0.080	0.081	0.085	0.085	0.084	0.085	0.084	0.084	0.122	0.087	0.088	0.083
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**	**0.8**	**0.9**	**0.9**	**0.8**	**0.9**	**0.8**	**0.8**	**1.2**	**0.9**	**0.9**	**0.8**

Licensee Comments:

3/15: One data point for the month was at the value .1224. Remainder were values around the previously identified leakrate values.

6/14: The Unit was in an extended outage due to RCP Pump Vane bolt failures.

Drill/Exercise Performance

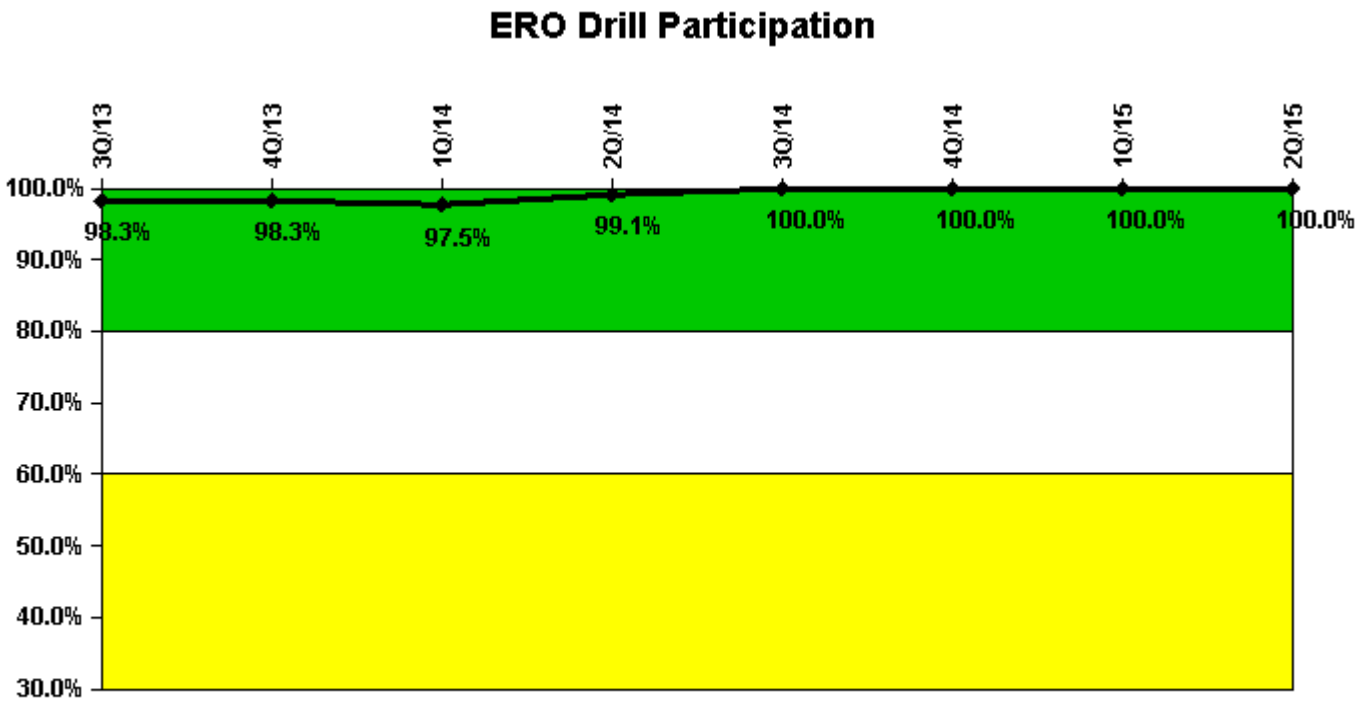


Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Successful opportunities	48.0	29.0	41.0	34.0	58.0	27.0	34.0	29.0
Total opportunities	50.0	30.0	42.0	35.0	59.0	27.0	36.0	30.0
Indicator value	**96.5%**	**96.7%**	**96.8%**	**96.6%**	**96.7%**	**97.3%**	**97.3%**	**97.1%**

Licensee Comments: none

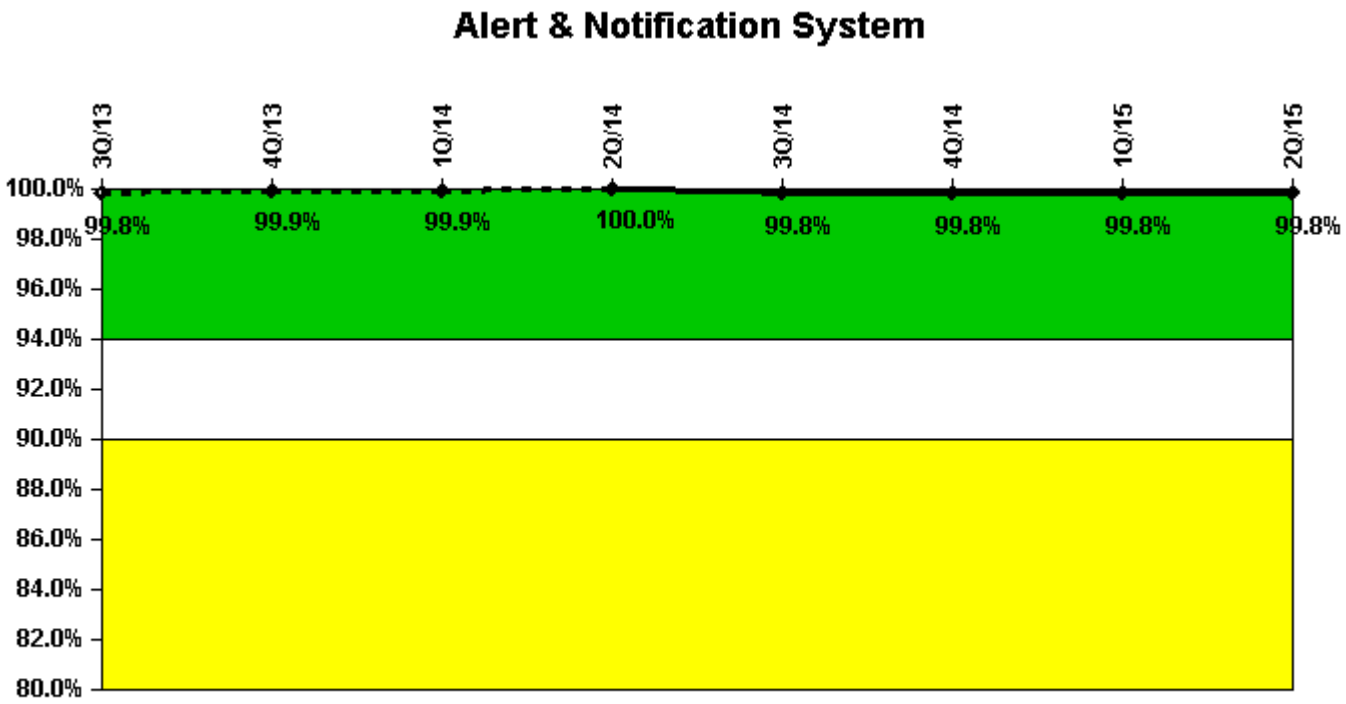


Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Participating Key personnel	117.0	116.0	117.0	111.0	116.0	120.0	116.0	119.0
Total Key personnel	119.0	118.0	120.0	112.0	116.0	120.0	116.0	119.0
Indicator value	**98.3%**	**98.3%**	**97.5%**	**99.1%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none



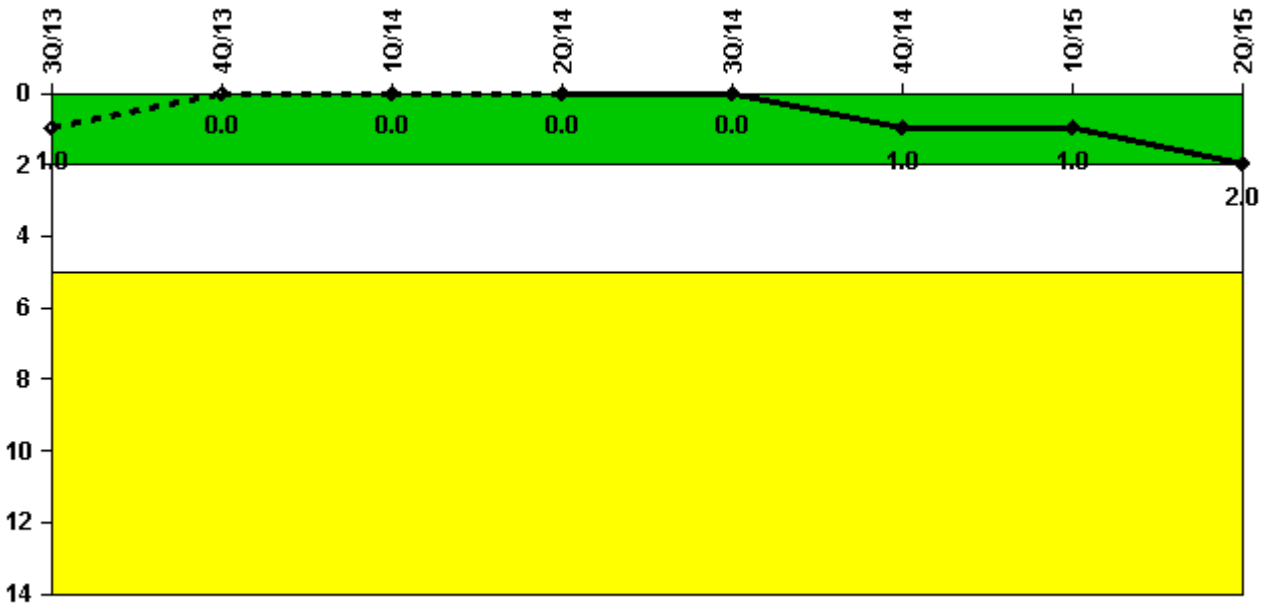
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Successful siren-tests	497	497	497	497	494	497	497	497
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	**99.8%**	**99.9%**	**99.9%**	**100.0%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

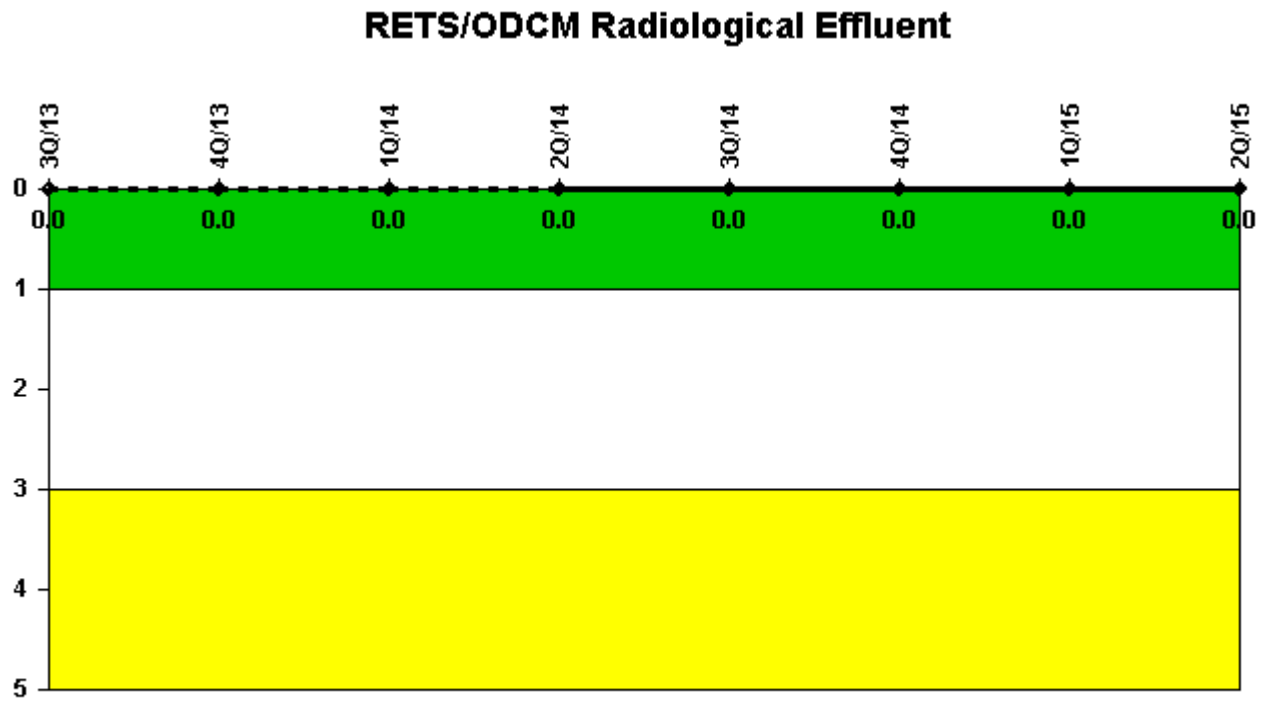


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
High radiation area occurrences	0	0	0	0	0	1	0	1
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**	**0**	**0**	**0**	**0**	**1**	**1**	**2**

Licensee Comments: none



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/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: July 24, 2015