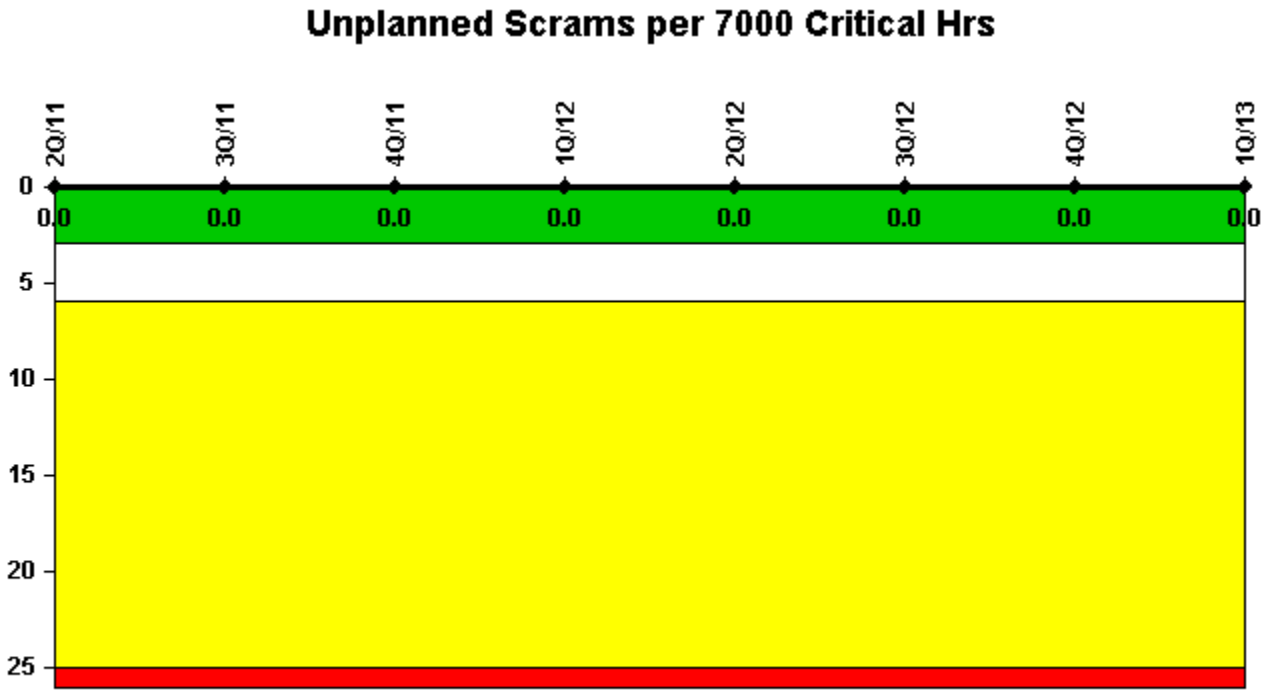
Peach Bottom 2

1Q/2013 Performance Indicators

Licensee's General Comments: none

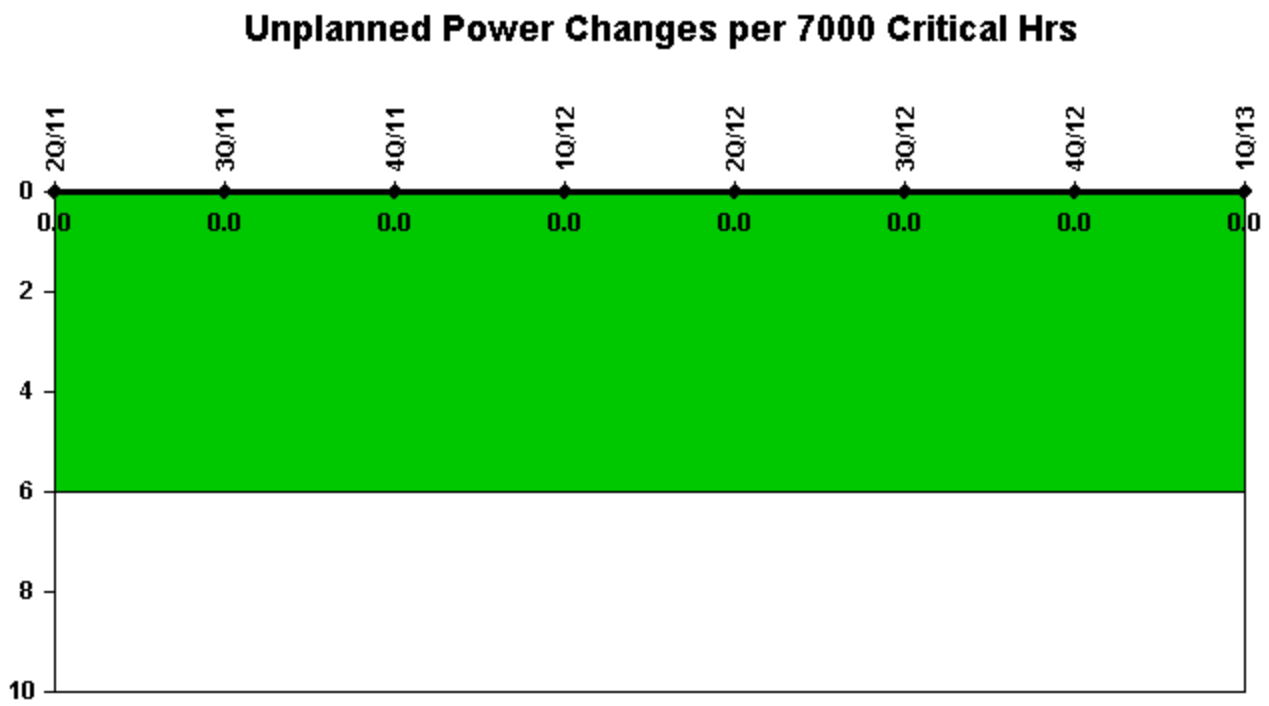


Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2184.0	2208.0	2209.0	2183.0	2184.0	1701.9	1797.6	2159.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none



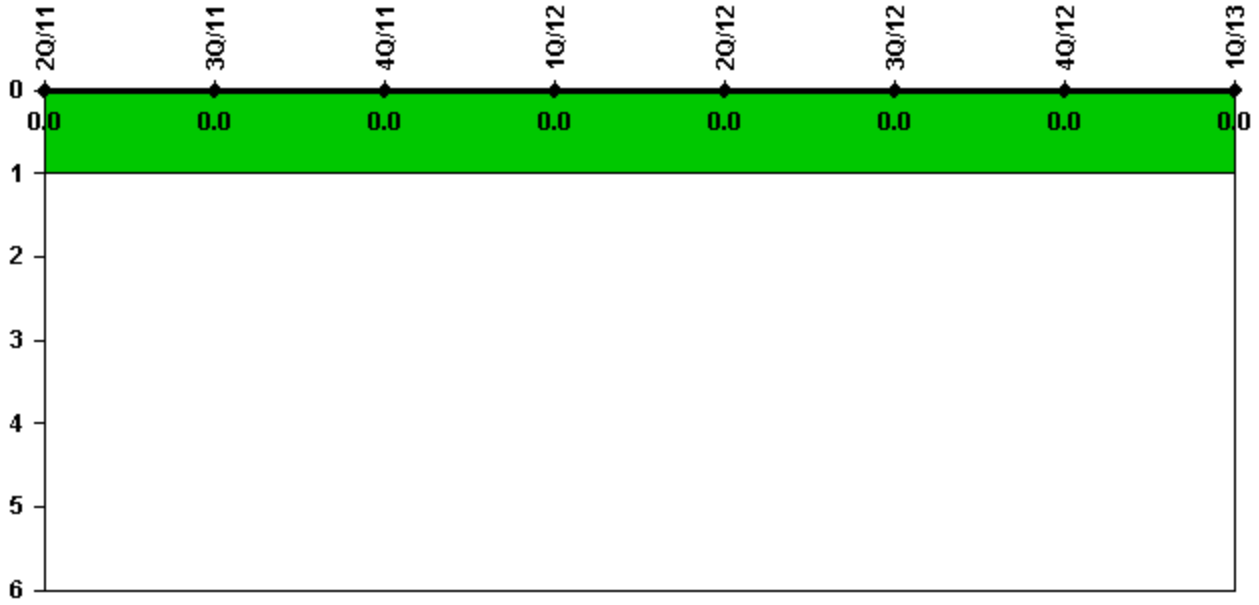
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2184.0	2208.0	2209.0	2183.0	2184.0	1701.9	1797.6	2159.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Scrams with Complications

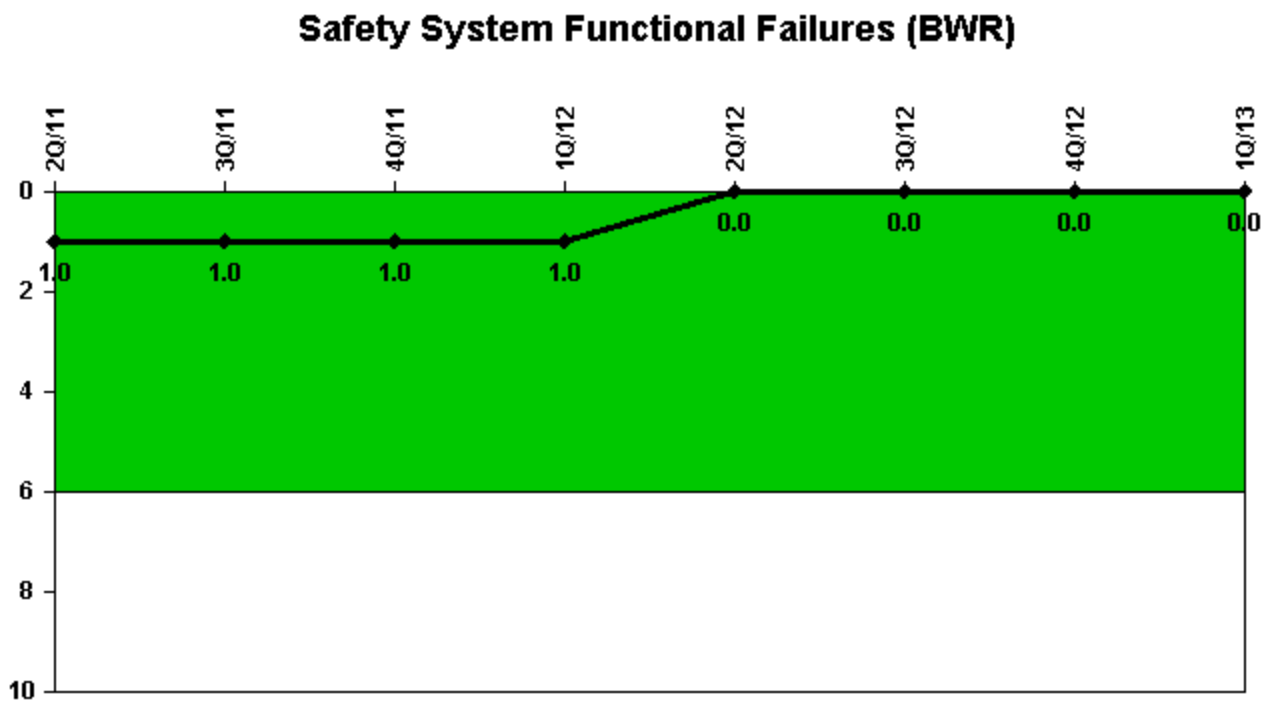


Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
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 > 6.0

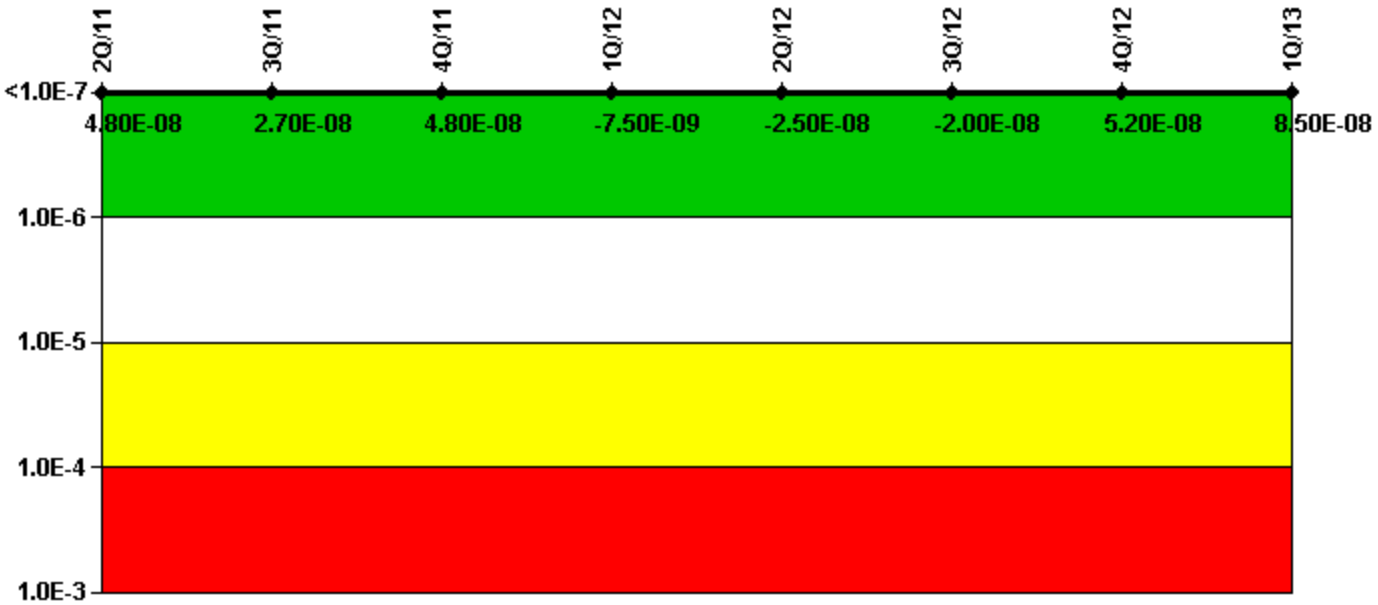
Notes

Safety System Functional Failures (BWR)	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Safety System Functional Failures	1	0	0	0	0	0	0	0
Indicator value	**1**	**1**	**1**	**1**	**0**	**0**	**0**	**0**

Licensee Comments:

2Q/11: LER 2-11-01

Mitigating Systems Performance Index, Emergency AC Power System



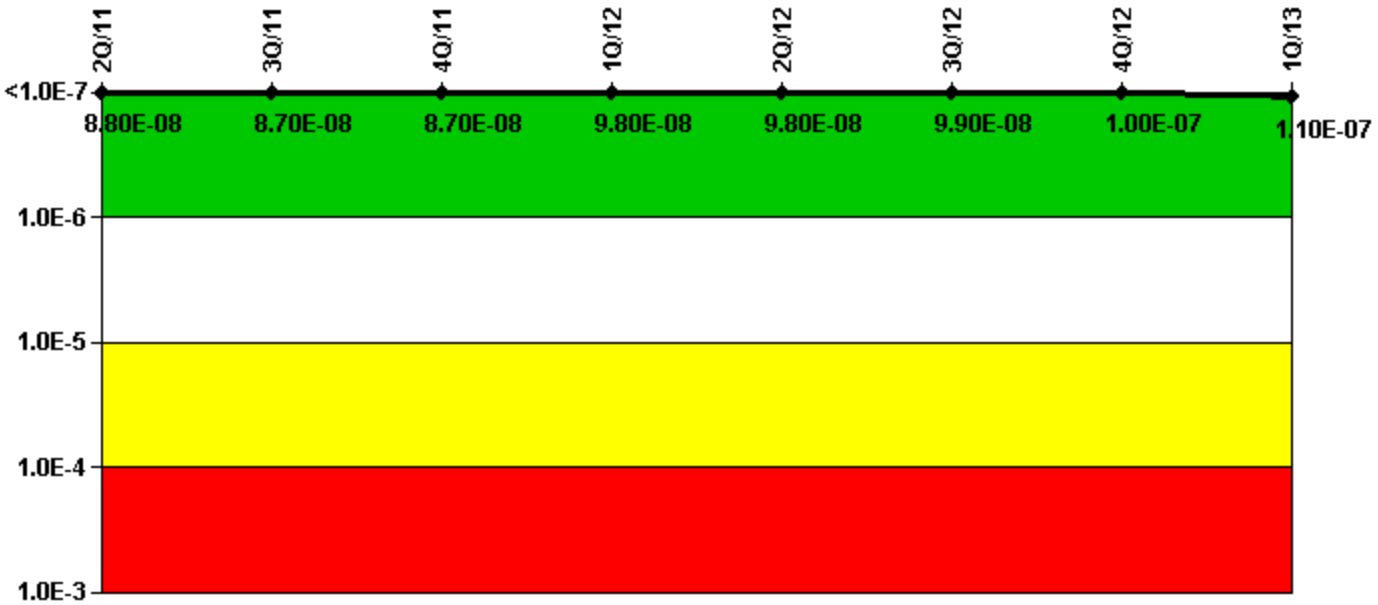
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**
UAI (ΔCDF)	1.87E-08	-1.01E-08	1.18E-08	1.08E-08	-1.31E-09	-9.34E-11	7.10E-09	3.96E-08
URI (ΔCDF)	2.96E-08	3.76E-08	3.59E-08	-1.83E-08	-2.36E-08	-1.96E-08	4.52E-08	4.57E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**4.80E-08**	**2.70E-08**	**4.80E-08**	**-7.50E-09**	**-2.50E-08**	**-2.00E-08**	**5.20E-08**	**8.50E-08**

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



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

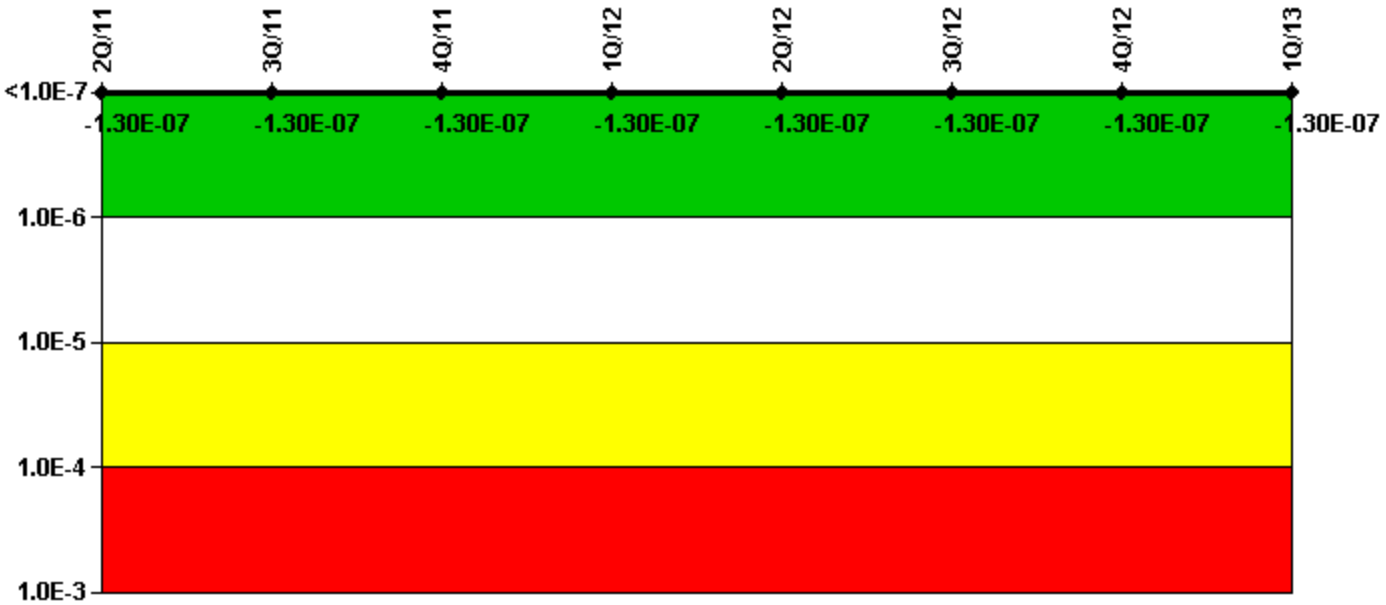
Notes

Mitigating Systems Performance Index, High Pressure Injection System	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**
UAI (ΔCDF)	-2.80E-08	-2.84E-08	-2.88E-08	-1.70E-08	-1.70E-08	-1.63E-08	-1.57E-08	-1.57E-08
URI (ΔCDF)	1.16E-07	1.16E-07	1.16E-07	1.15E-07	1.15E-07	1.15E-07	1.20E-07	1.25E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**8.80E-08**	**8.70E-08**	**8.70E-08**	**9.80E-08**	**9.80E-08**	**9.90E-08**	**1.00E-07**	**1.10E-07**

Licensee Comments:

4Q/12: 1/15/2013 Changes to PBAPS MSPI Basis Document Revision 7, dated 9/10/2012 for 4thQtr2012 and forward were applied to MSPI-HPI and RH, to account for a revision to the estimated demands for HPI/RH per refueling cycle.

Mitigating Systems Performance Index, Heat Removal System



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

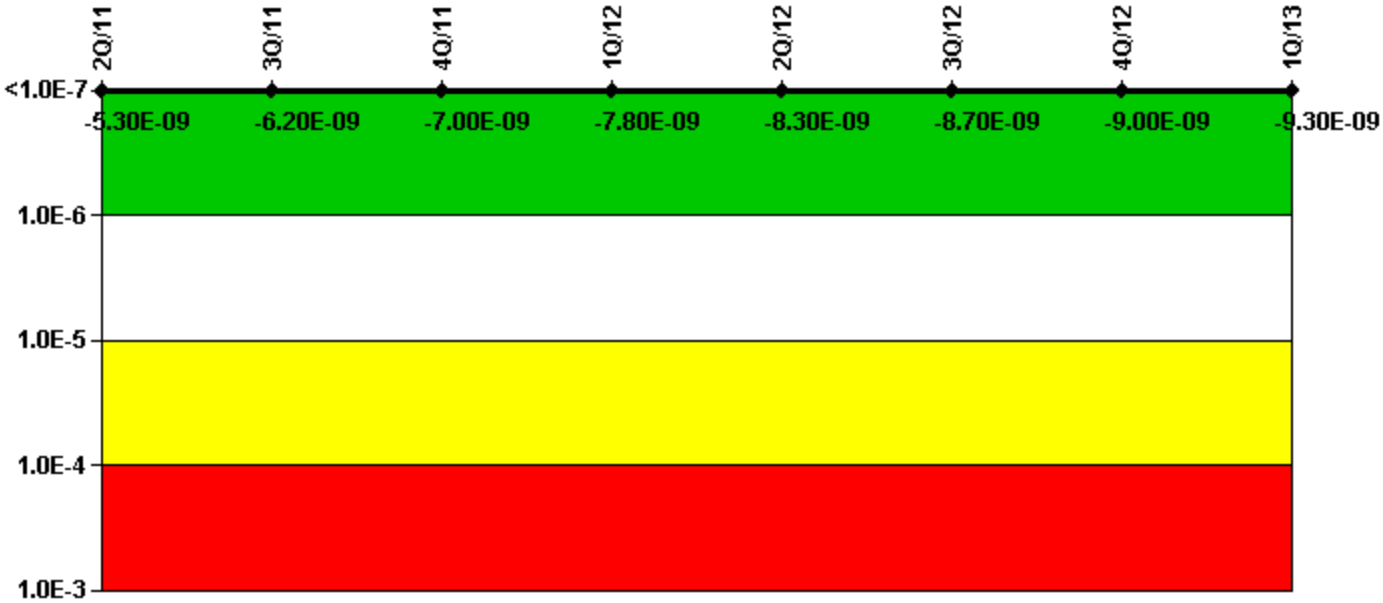
Notes

Mitigating Systems Performance Index, Heat Removal System	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**
UAI (ΔCDF)	-3.11E-08	-3.11E-08	-3.11E-08	-3.11E-08	-3.11E-08	-3.11E-08	-3.11E-08	-3.11E-08
URI (ΔCDF)	-9.65E-08	-9.68E-08	-9.70E-08	-9.73E-08	-9.75E-08	-9.77E-08	-9.66E-08	-9.54E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.30E-07**	**-1.30E-07**	**-1.30E-07**	**-1.30E-07**	**-1.30E-07**	**-1.30E-07**	**-1.30E-07**	**-1.30E-07**

Licensee Comments:

4Q/12: 1/15/2013 Changes to PBAPS MSPI Basis Document Revision 7, dated 9/10/2012 for 4thQtr2012 and forward were applied to MSPI-HPI and RH, to account for a revision to the estimated demands for HPI/RH per refueling cycle.

Mitigating Systems Performance Index, Residual Heat Removal System



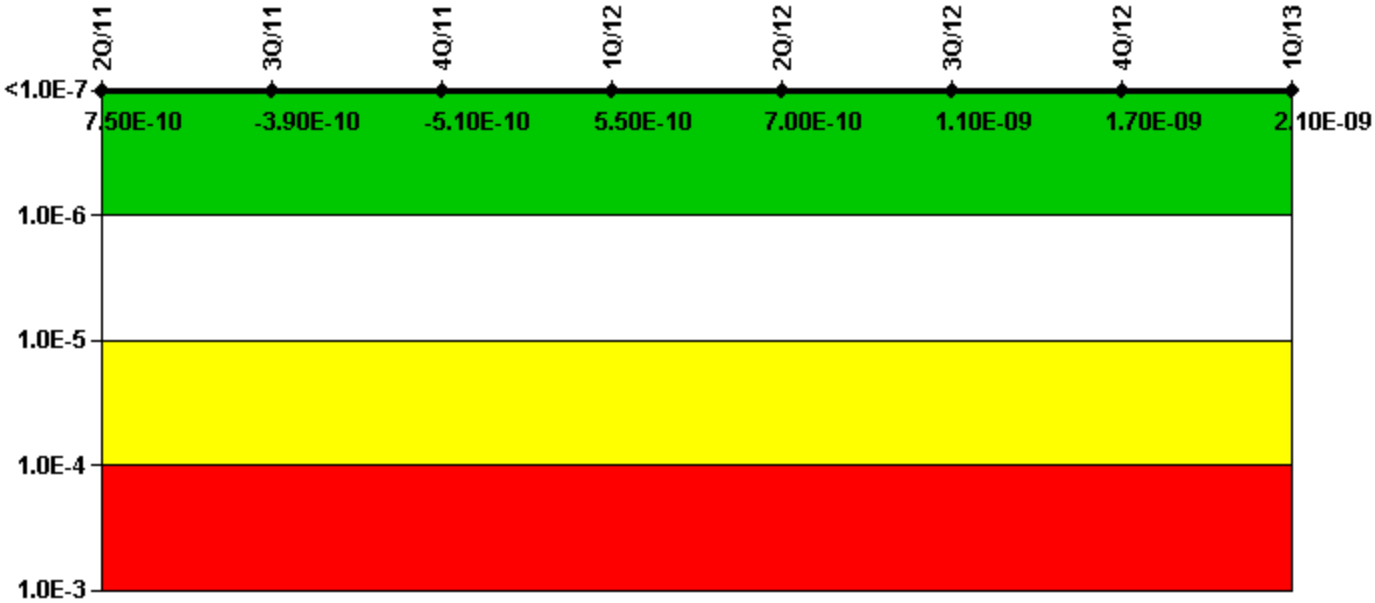
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**
UAI (ΔCDF)	-2.17E-10	-3.09E-10	-3.04E-10	-3.04E-10	-1.10E-10	8.40E-11	3.87E-10	6.60E-10
URI (ΔCDF)	-5.09E-09	-5.94E-09	-6.72E-09	-7.46E-09	-8.14E-09	-8.79E-09	-9.39E-09	-9.96E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.30E-09**	**-6.20E-09**	**-7.00E-09**	**-7.80E-09**	**-8.30E-09**	**-8.70E-09**	**-9.00E-09**	**-9.30E-09**

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems

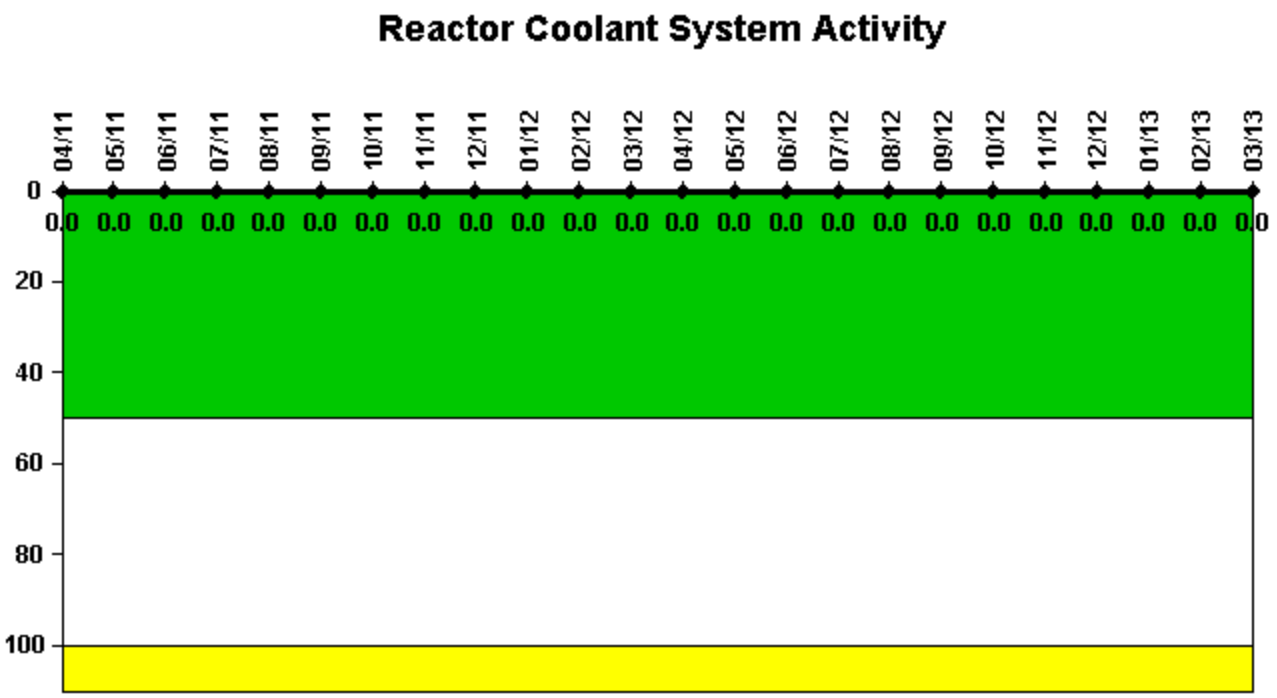


Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**
UAI (ΔCDF)	2.60E-09	1.46E-09	1.34E-09	2.40E-09	2.55E-09	2.93E-09	3.52E-09	3.94E-09
URI (ΔCDF)	-1.85E-09	-1.85E-09	-1.85E-09	-1.85E-09	-1.85E-09	-1.85E-09	-1.85E-09	-1.85E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**7.50E-10**	**-3.90E-10**	**-5.10E-10**	**5.50E-10**	**7.00E-10**	**1.10E-09**	**1.70E-09**	**2.10E-09**

Licensee Comments: none

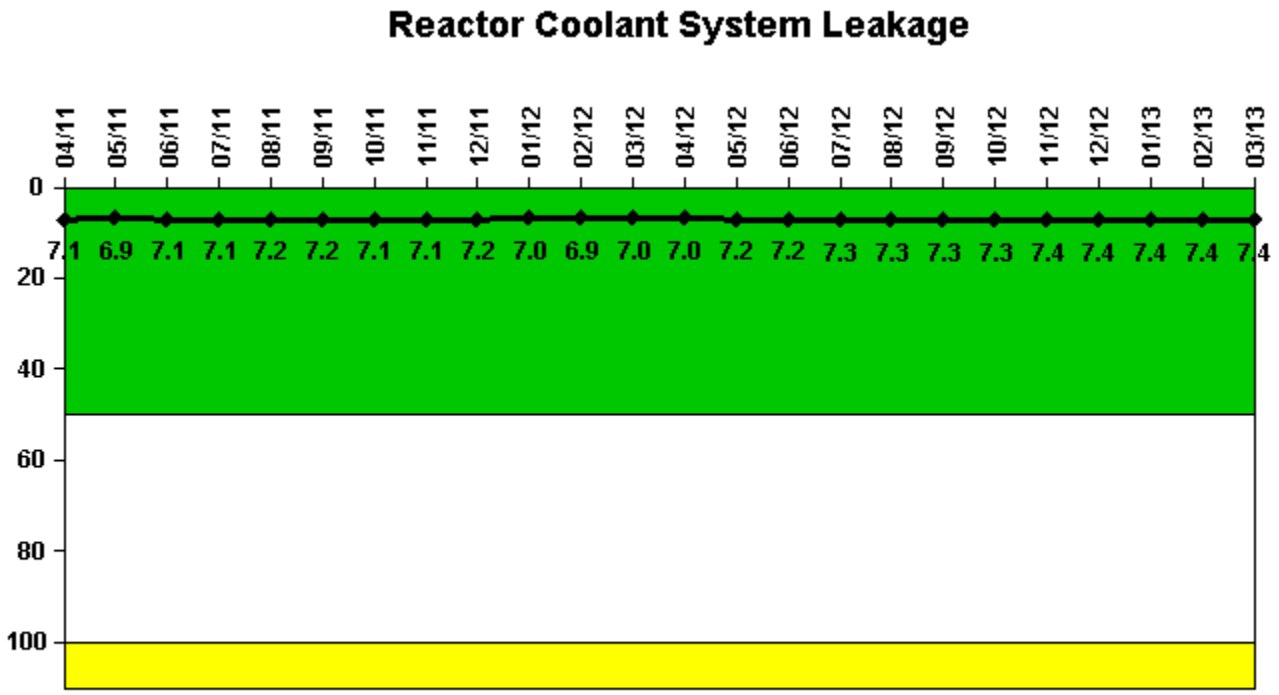


Thresholds: White > 50.0 Yellow > 100.0

Notes

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	0.000022	0.000023	0.000023	0.000025	0.000024	0.000022	0.000027	0.000023	0.000022	0.000022	0.000020	0.000027
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Reactor Coolant System Activity	**4/12**	**5/12**	**6/12**	**7/12**	**8/12**	**9/12**	**10/12**	**11/12**	**12/12**	**1/13**	**2/13**	**3/13**
Maximum activity	0.000020	0.000020	0.000020	0.000024	0.000021	0.000020	0.000021	0.000017	0.000016	0.000018	0.000017	0.000020
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

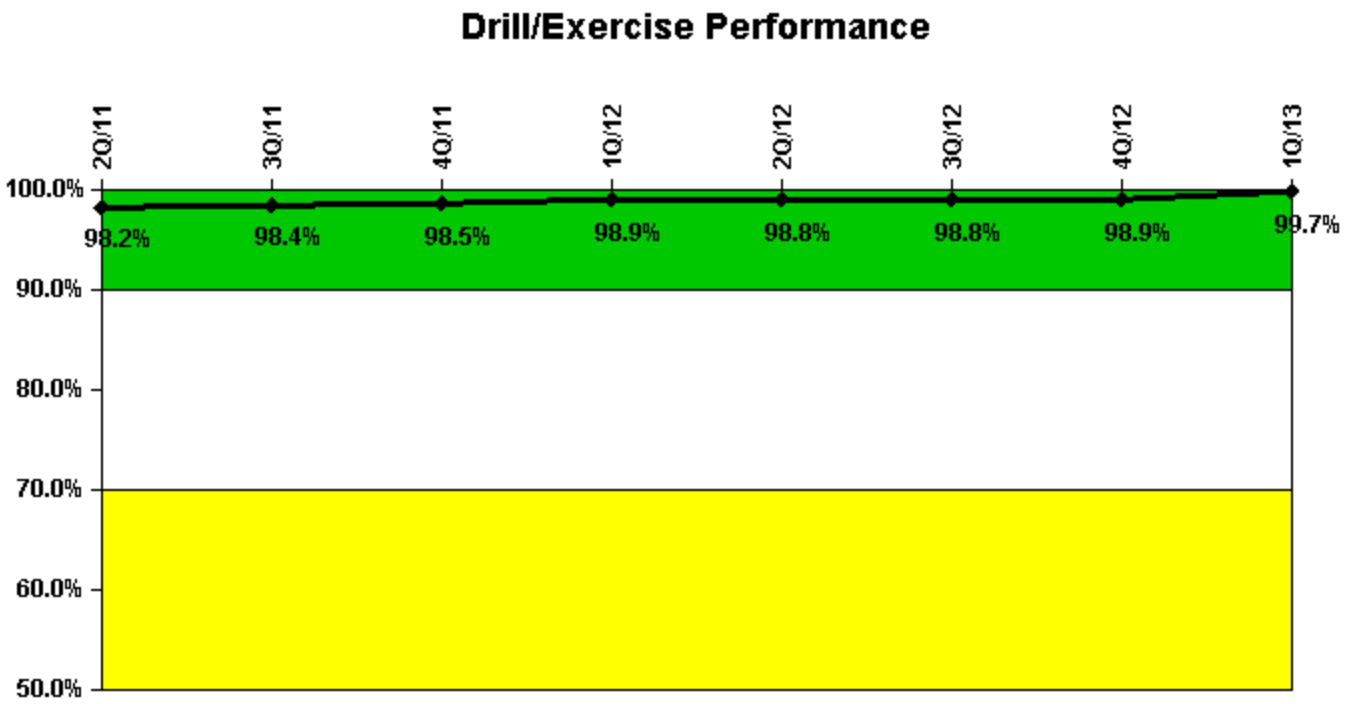


Thresholds: White > 50.0 Yellow > 100.0

Notes

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	1.780	1.720	1.780	1.780	1.790	1.790	1.780	1.780	1.790	1.740	1.720	1.750
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**7.1**	**6.9**	**7.1**	**7.1**	**7.2**	**7.2**	**7.1**	**7.1**	**7.2**	**7.0**	**6.9**	**7.0**
Reactor Coolant System Leakage	**4/12**	**5/12**	**6/12**	**7/12**	**8/12**	**9/12**	**10/12**	**11/12**	**12/12**	**1/13**	**2/13**	**3/13**
Maximum leakage	1.750	1.790	1.810	1.820	1.820	1.820	1.830	1.860	1.850	1.840	1.840	1.860
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**7.0**	**7.2**	**7.2**	**7.3**	**7.3**	**7.3**	**7.3**	**7.4**	**7.4**	**7.4**	**7.4**	**7.4**

Licensee Comments: none

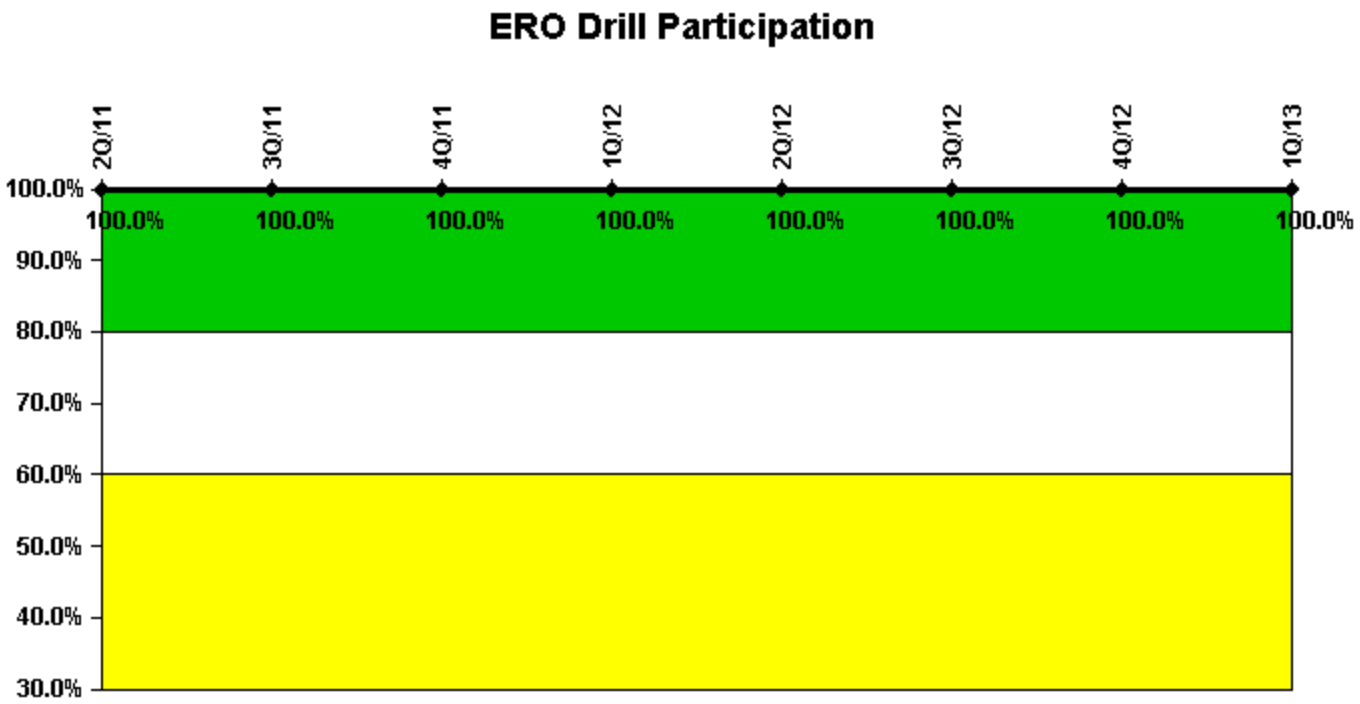


Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Successful opportunities	26.0	19.0	36.0	93.0	32.0	15.0	57.0	81.0
Total opportunities	27.0	19.0	36.0	93.0	32.0	15.0	57.0	81.0
Indicator value	**98.2%**	**98.4%**	**98.5%**	**98.9%**	**98.8%**	**98.8%**	**98.9%**	**99.7%**

Licensee Comments: none

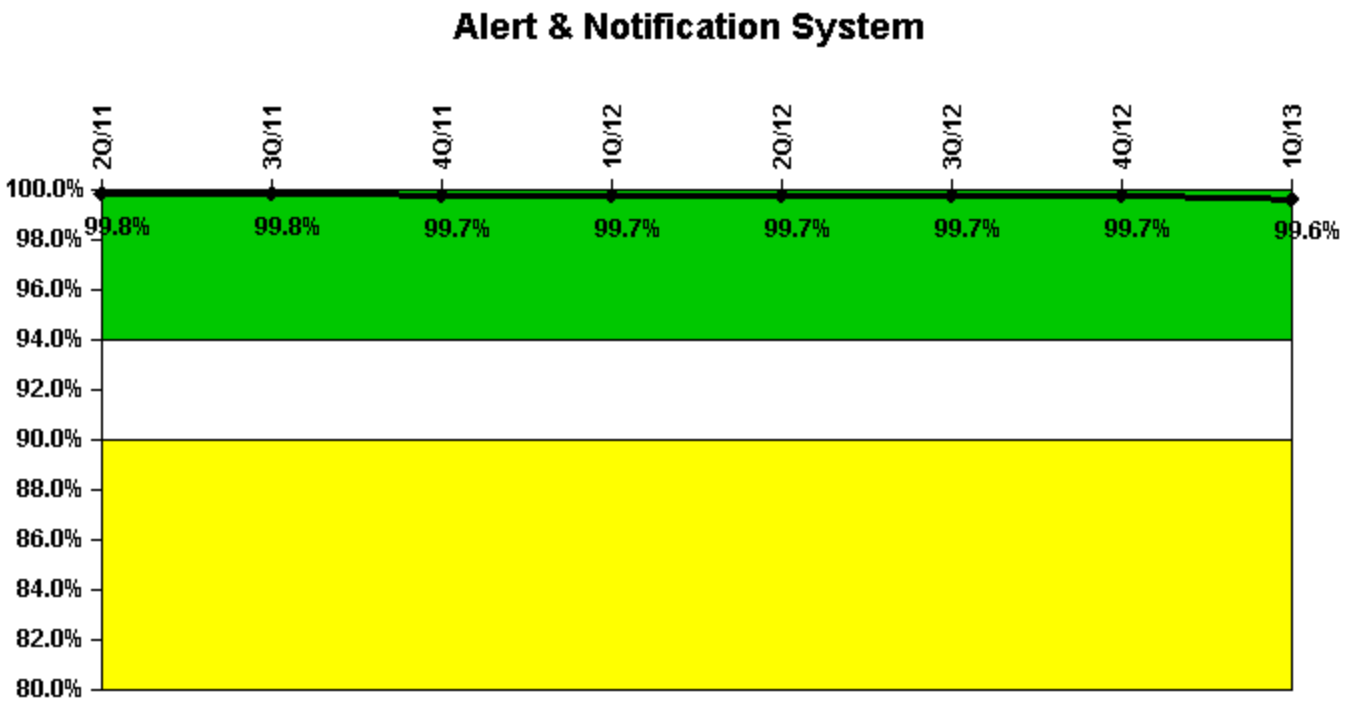


Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Participating Key personnel	67.0	61.0	67.0	71.0	72.0	74.0	77.0	75.0
Total Key personnel	67.0	61.0	67.0	71.0	72.0	74.0	77.0	75.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none



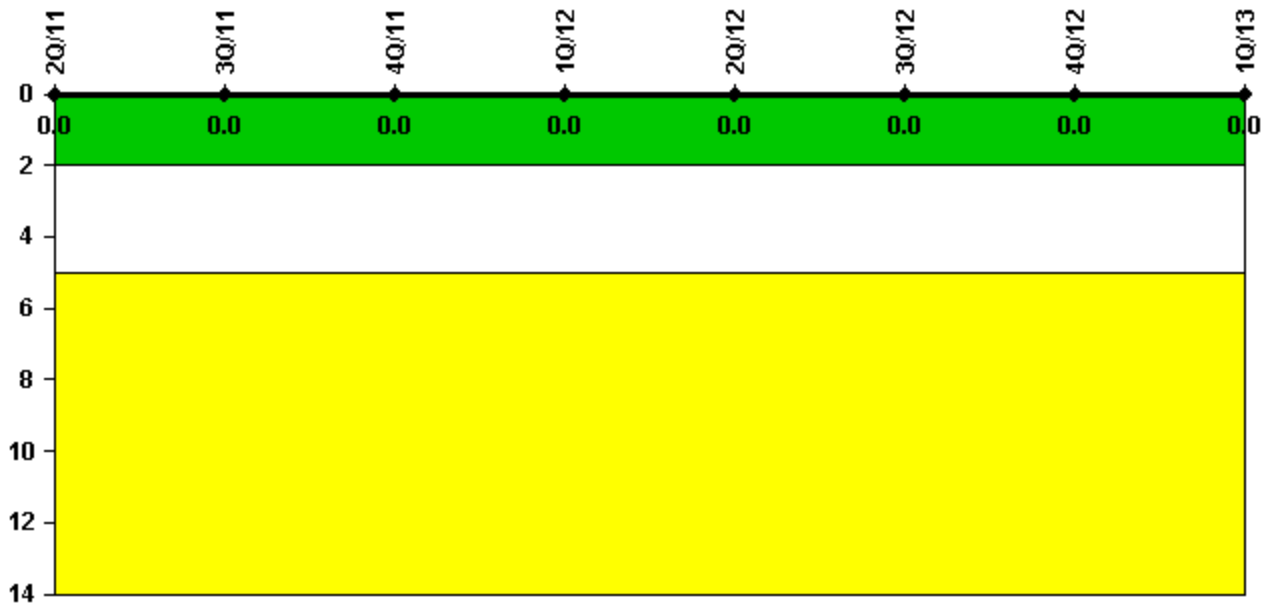
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Successful siren-tests	1259	1254	1257	1258	1258	1257	1249	1256
Total sirens-tests	1261	1261	1261	1261	1261	1261	1255	1261
Indicator value	**99.8%**	**99.8%**	**99.7%**	**99.7%**	**99.7%**	**99.7%**	**99.7%**	**99.6%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

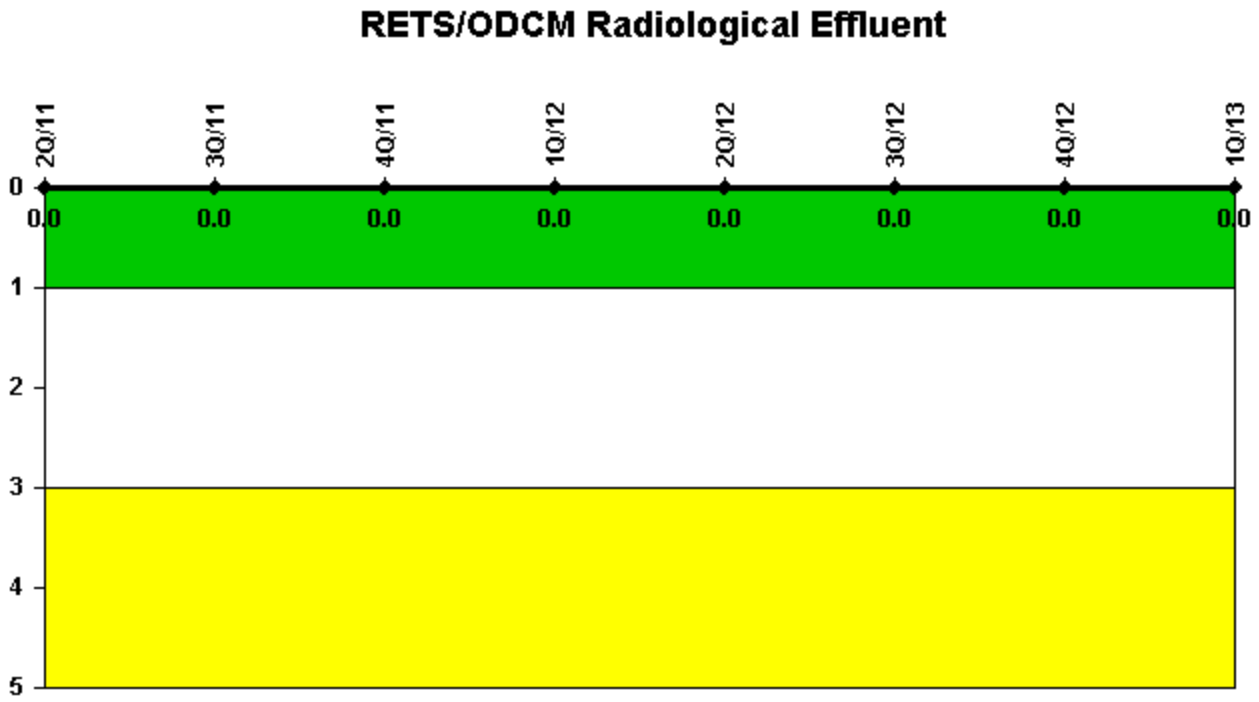


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
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



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
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: April 23, 2013