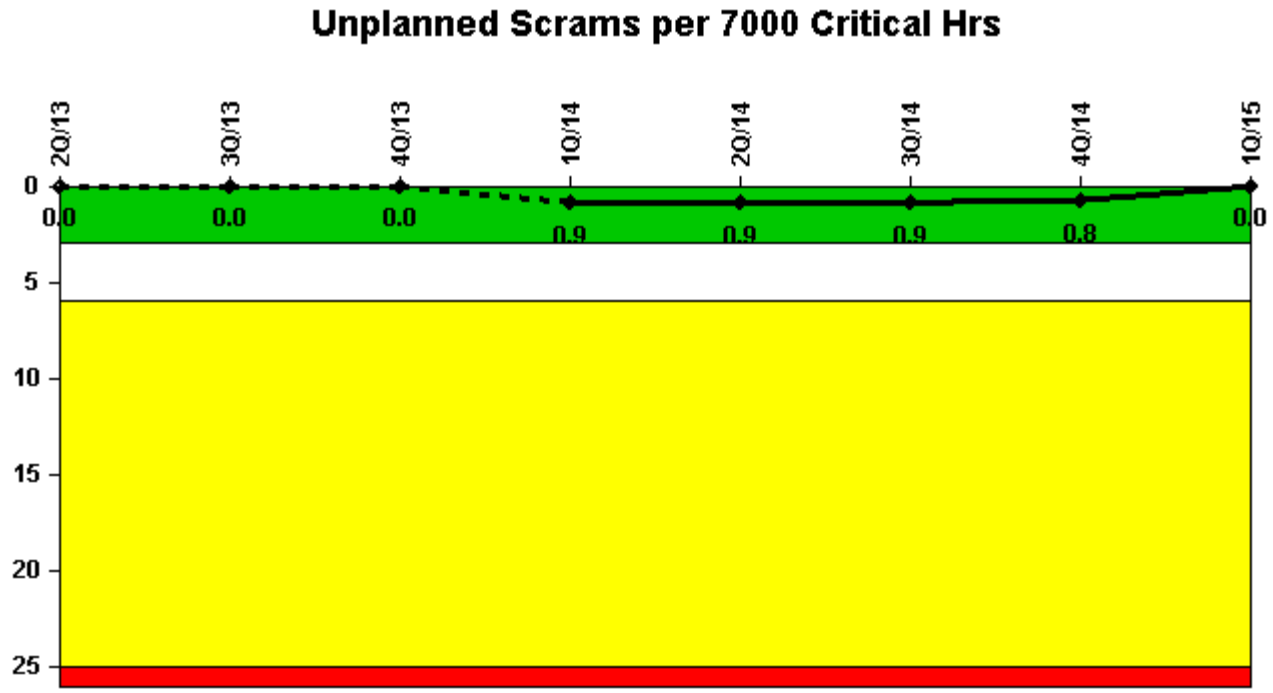
Harris 1

1Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

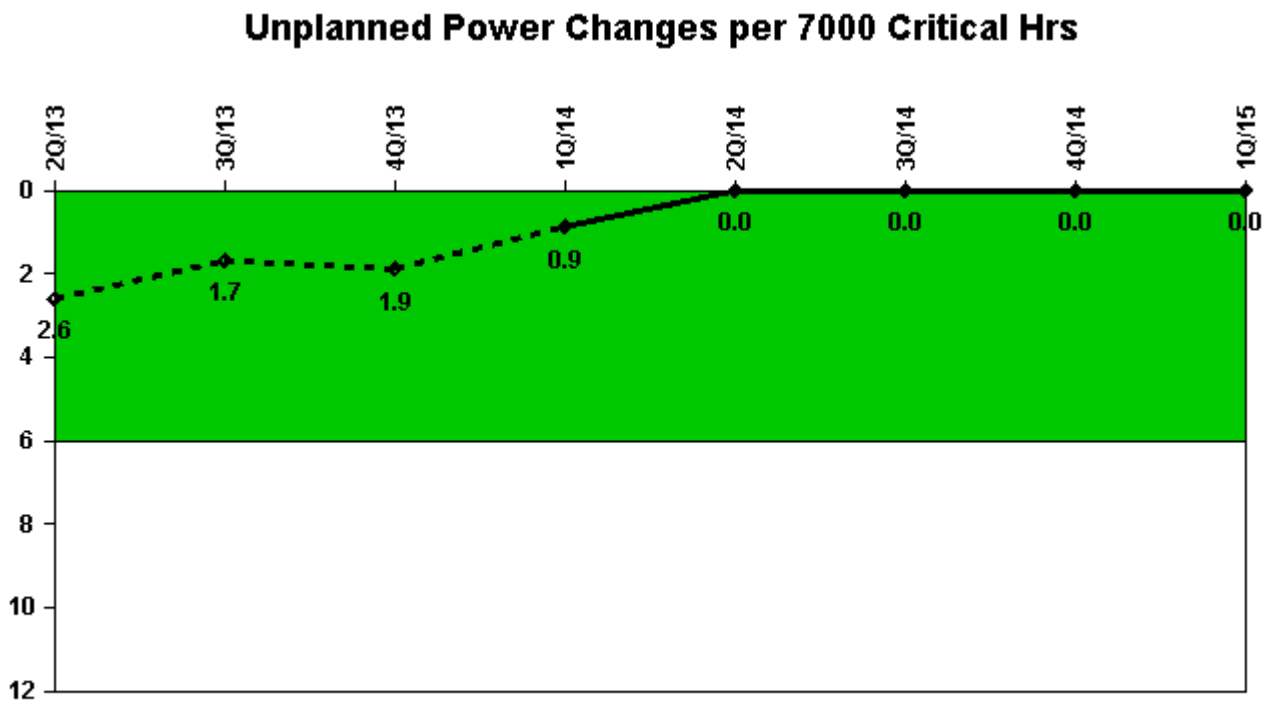


Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Unplanned scrams	0	0	0	1.0	0	0	0	0
Critical hours	1656.8	2208.0	1454.1	2072.6	2050.3	2208.0	2209.0	2159.0
Indicator value	**0**	**0**	**0**	**0.9**	**0.9**	**0.9**	**0.8**	**0**

Licensee Comments: none

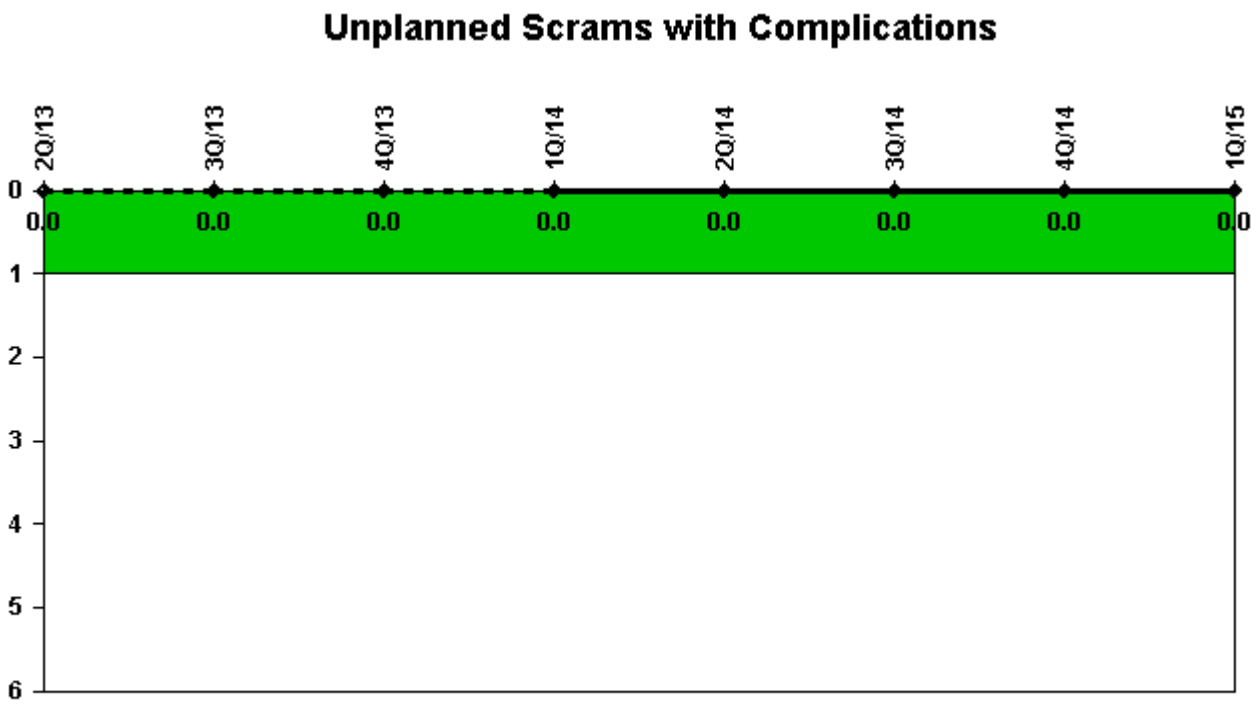


Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Unplanned power changes	1.0	0	0	0	0	0	0	0
Critical hours	1656.8	2208.0	1454.1	2072.6	2050.3	2208.0	2209.0	2159.0
Indicator value	**2.6**	**1.7**	**1.9**	**0.9**	**0**	**0**	**0**	**0**

Licensee Comments: none

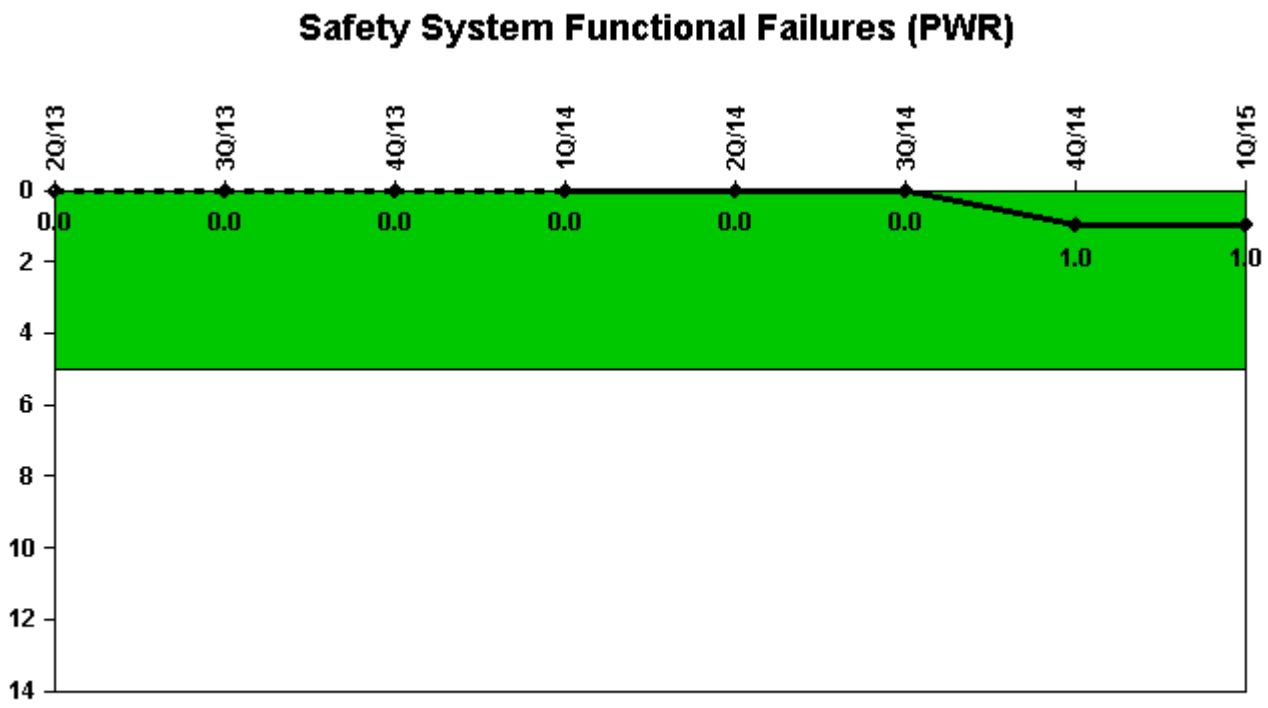


Thresholds: White > 1.0

Notes

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



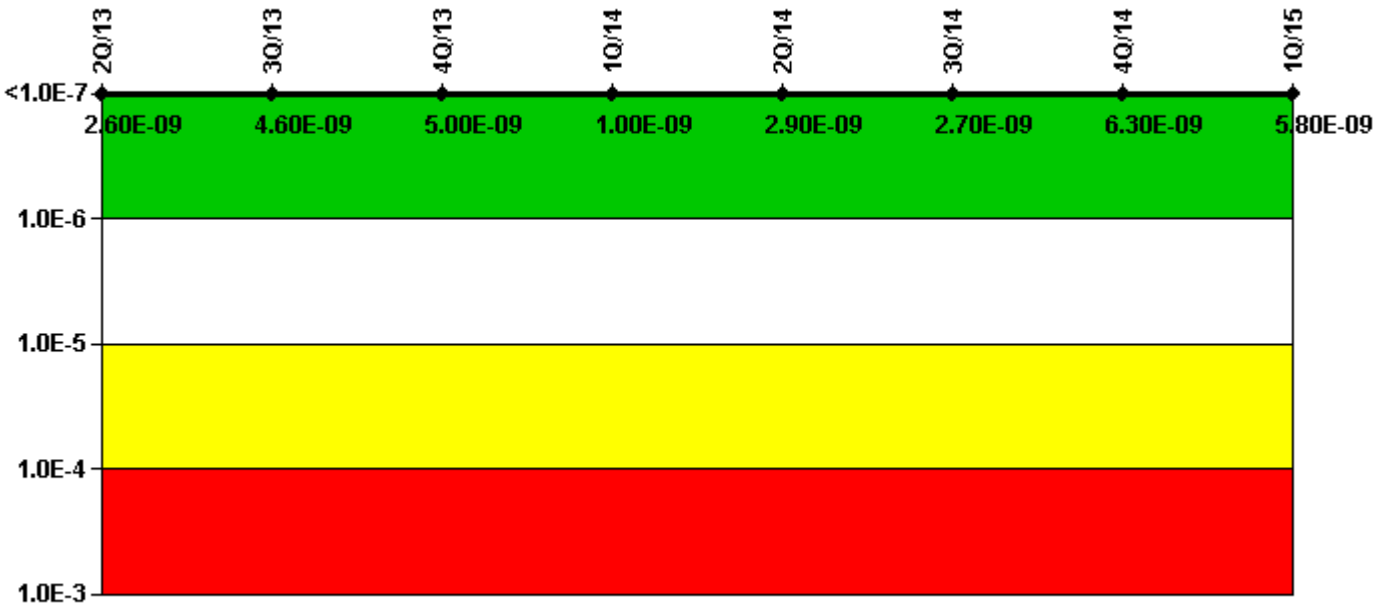
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



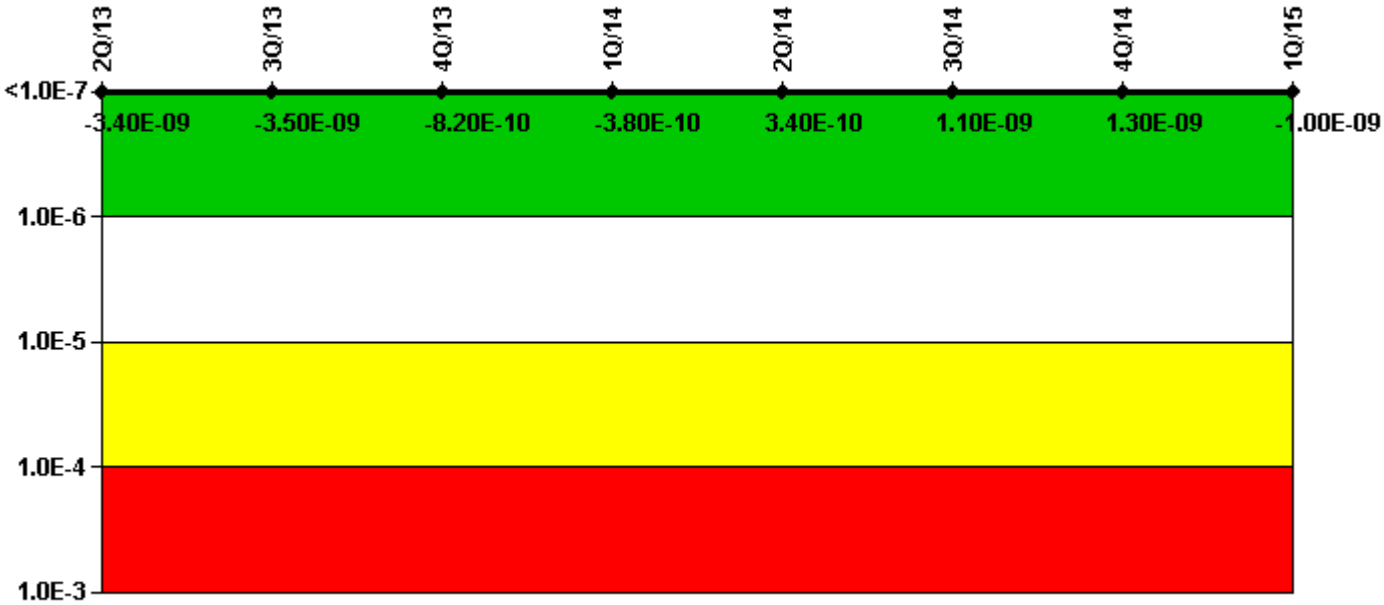
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**
UAI (ΔCDF)	1.21E-08	1.37E-08	1.37E-08	1.08E-08	1.22E-08	1.17E-08	1.48E-08	1.44E-08
URI (ΔCDF)	-9.46E-09	-9.08E-09	-8.68E-09	-9.73E-09	-9.34E-09	-8.93E-09	-8.51E-09	-8.51E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.60E-09**	**4.60E-09**	**5.00E-09**	**1.00E-09**	**2.90E-09**	**2.70E-09**	**6.30E-09**	**5.80E-09**

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



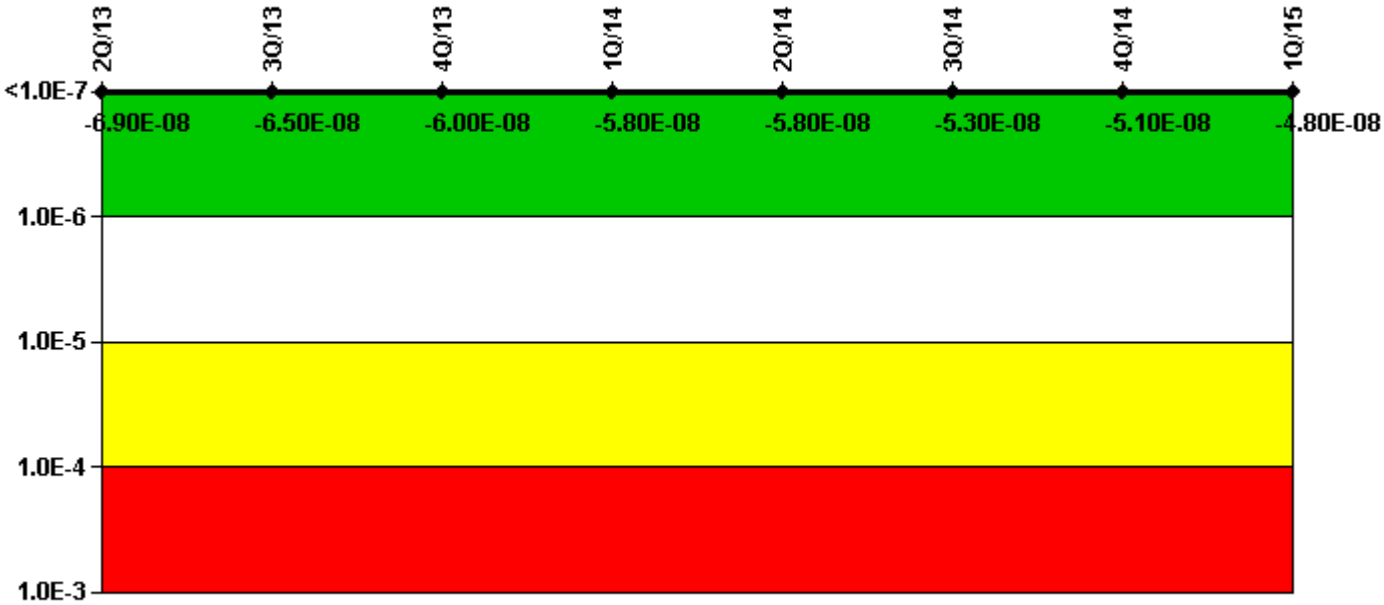
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**
UAI (ΔCDF)	6.40E-09	6.14E-09	8.73E-09	9.06E-09	9.67E-09	1.03E-08	1.04E-08	8.11E-09
URI (ΔCDF)	-9.76E-09	-9.65E-09	-9.55E-09	-9.44E-09	-9.33E-09	-9.22E-09	-9.11E-09	-9.11E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.40E-09**	**-3.50E-09**	**-8.20E-10**	**-3.80E-10**	**3.40E-10**	**1.10E-09**	**1.30E-09**	**-1.00E-09**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



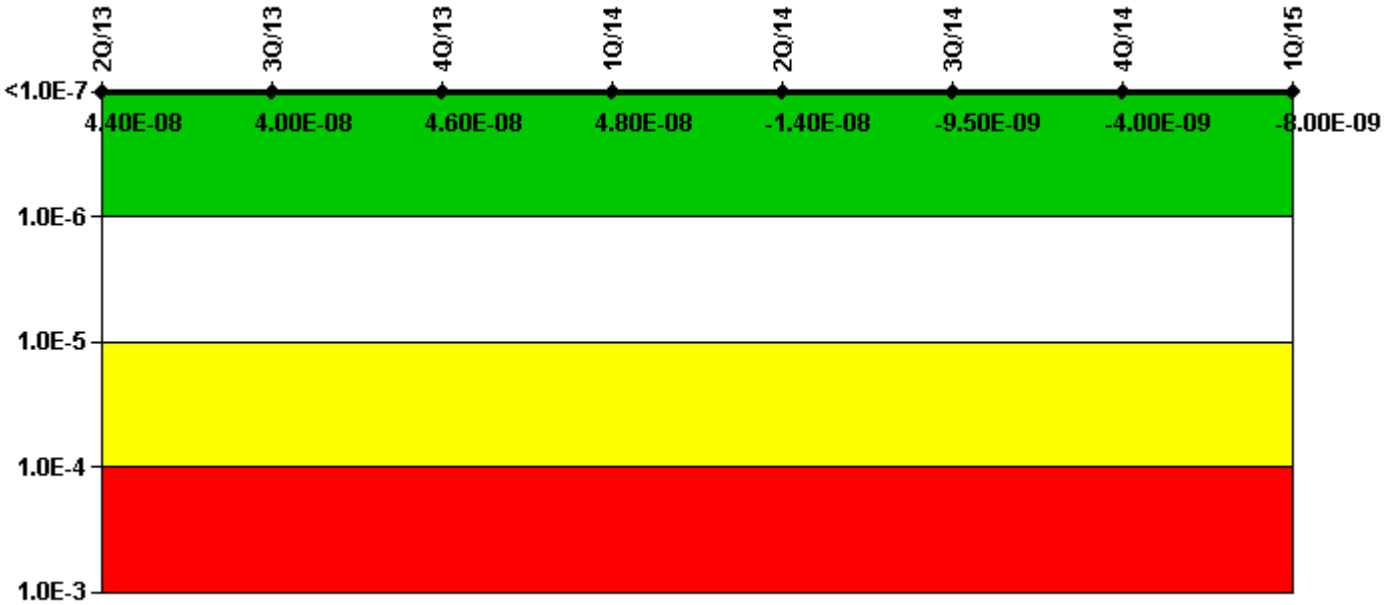
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**
UAI (ΔCDF)	1.40E-09	4.23E-09	8.44E-09	9.14E-09	9.49E-09	1.25E-08	1.25E-08	1.51E-08
URI (ΔCDF)	-7.00E-08	-6.91E-08	-6.80E-08	-6.75E-08	-6.75E-08	-6.56E-08	-6.33E-08	-6.33E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.90E-08**	**-6.50E-08**	**-6.00E-08**	**-5.80E-08**	**-5.80E-08**	**-5.30E-08**	**-5.10E-08**	**-4.80E-08**

Licensee Comments: none

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/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**
UAI (ΔCDF)	1.81E-08	1.30E-08	1.83E-08	1.98E-08	1.55E-08	1.92E-08	2.42E-08	2.02E-08
URI (ΔCDF)	2.62E-08	2.68E-08	2.75E-08	2.81E-08	-2.93E-08	-2.88E-08	-2.82E-08	-2.82E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**4.40E-08**	**4.00E-08**	**4.60E-08**	**4.80E-08**	**-1.40E-08**	**-9.50E-09**	**-4.00E-09**	**-8.00E-09**

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems

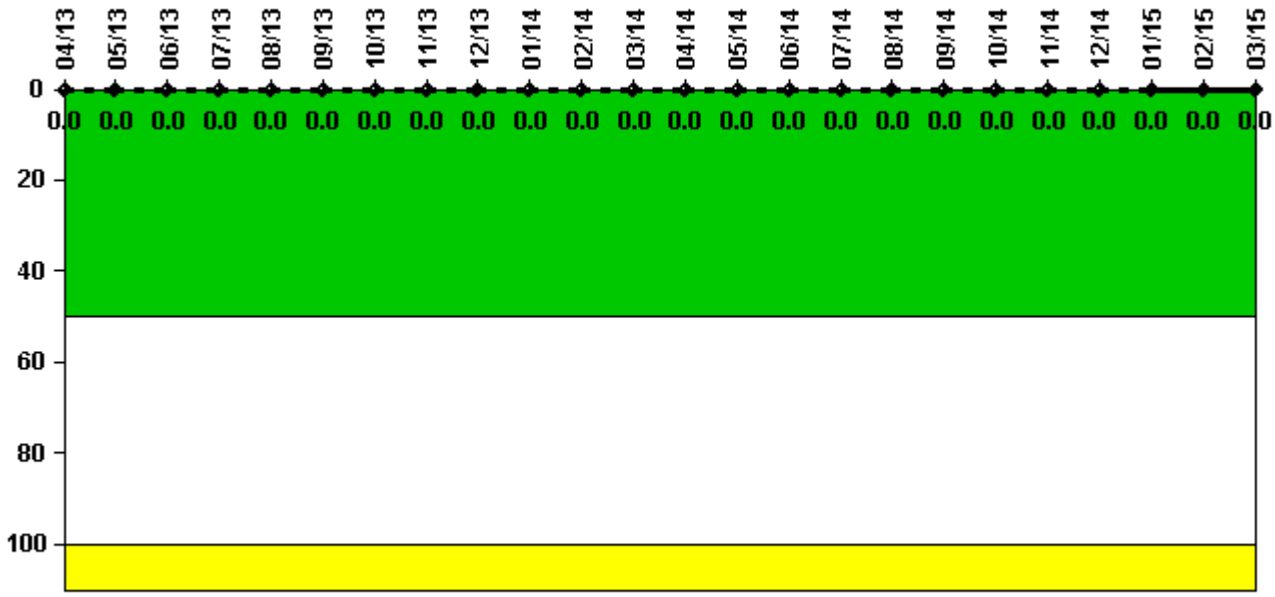
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**
UAI (ΔCDF)	4.60E-08	3.88E-08	3.73E-08	2.31E-08	4.04E-08	4.46E-08	3.64E-08	1.73E-08
URI (ΔCDF)	-1.04E-07	-1.04E-07	-1.04E-07	-1.03E-07	-1.03E-07	-1.03E-07	-1.02E-07	-1.02E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.90E-08**	**-6.50E-08**	**-6.60E-08**	**-8.00E-08**	**-6.30E-08**	**-5.80E-08**	**-6.60E-08**	**-8.50E-08**

Licensee Comments: none

Reactor Coolant System Activity



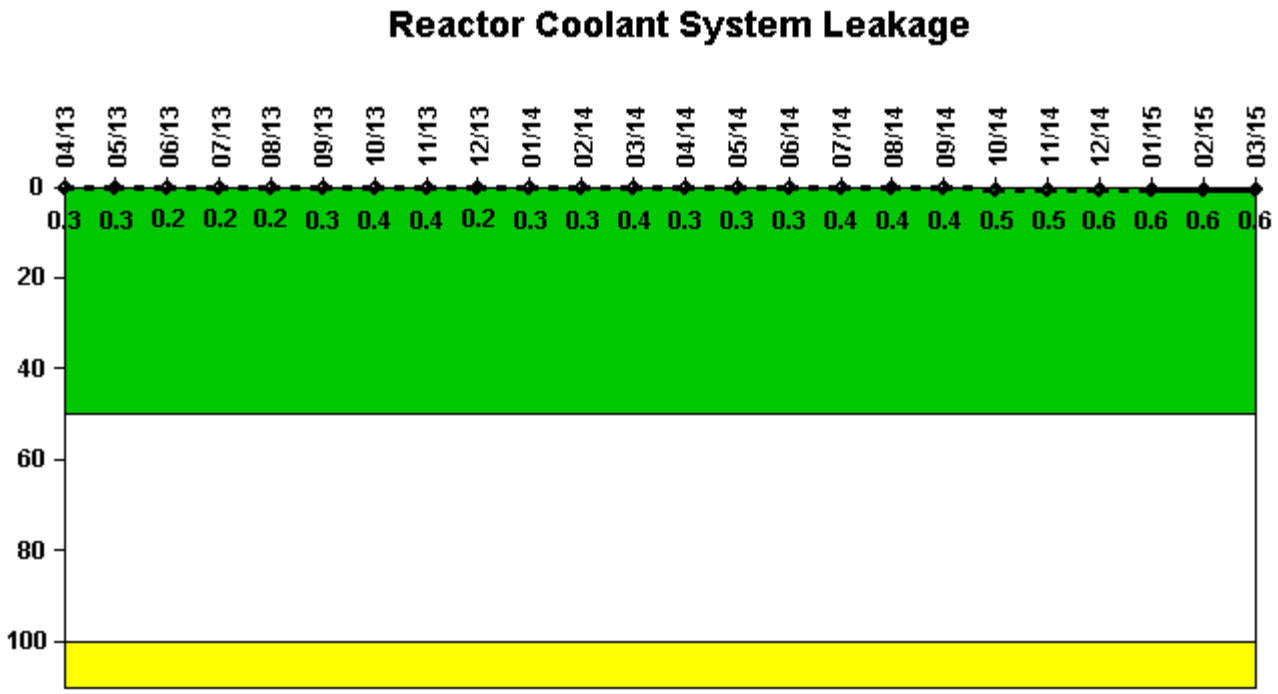
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**4/13**	**5/13**	**6/13**	**7/13**	**8/13**	**9/13**	**10/13**	**11/13**	**12/13**	**1/14**	**2/14**	**3/14**
Maximum activity	0.000111	0.000111	0.000118	0.000122	0.000125	0.000143	0.000136	0.000136	0.000085	0.000131	0.000105	0.000113
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**

Reactor Coolant System Activity	**4/14**	**5/14**	**6/14**	**7/14**	**8/14**	**9/14**	**10/14**	**11/14**	**12/14**	**1/15**	**2/15**	**3/15**
Maximum activity	0.000330	0.000130	0.000139	0.000147	0.000131	0.000138	0.000138	0.000147	0.000155	0.000153	0.000160	0.000162
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: none

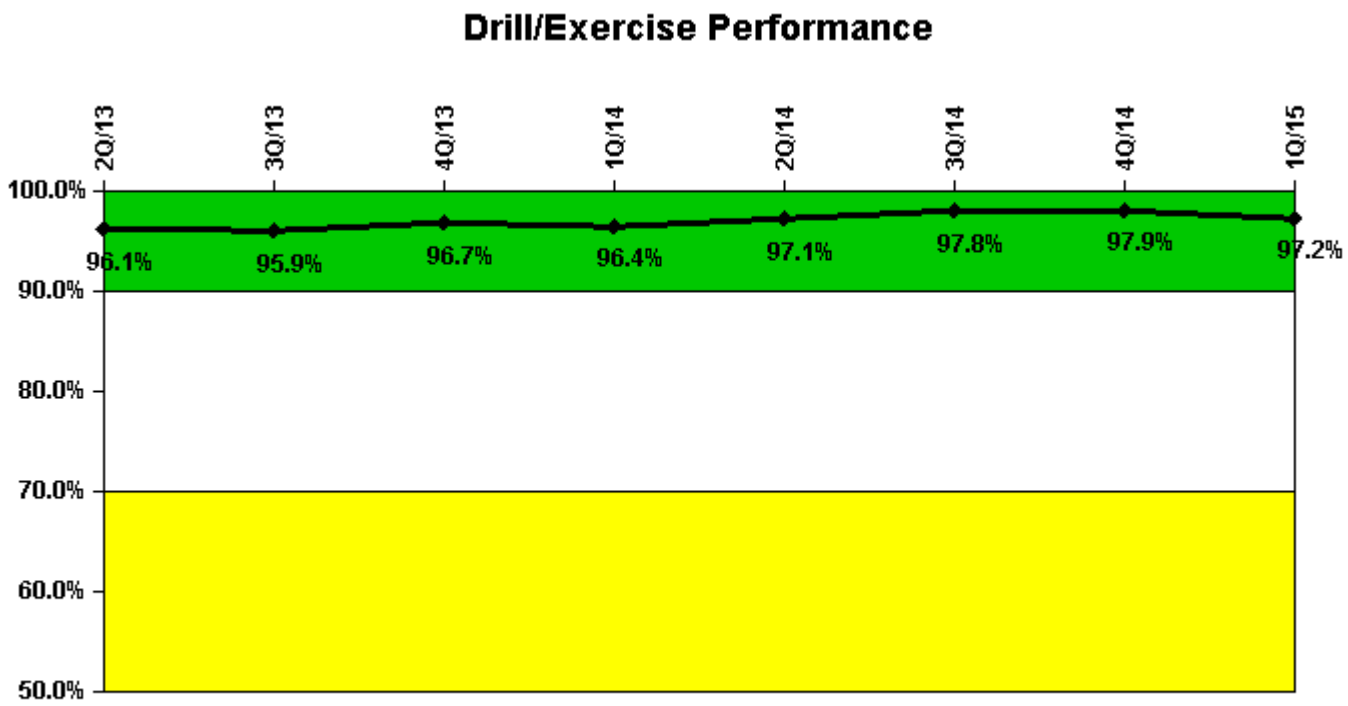


Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**4/13**	**5/13**	**6/13**	**7/13**	**8/13**	**9/13**	**10/13**	**11/13**	**12/13**	**1/14**	**2/14**	**3/14**
Maximum leakage	0.028	0.025	0.023	0.022	0.024	0.029	0.037	0.035	0.024	0.027	0.028	0.037
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	**0.3**	**0.3**	**0.2**	**0.2**	**0.2**	**0.3**	**0.4**	**0.4**	**0.2**	**0.3**	**0.3**	**0.4**
Reactor Coolant System Leakage	**4/14**	**5/14**	**6/14**	**7/14**	**8/14**	**9/14**	**10/14**	**11/14**	**12/14**	**1/15**	**2/15**	**3/15**
Maximum leakage	0.029	0.029	0.030	0.035	0.036	0.042	0.051	0.054	0.055	0.058	0.056	0.055
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	**0.3**	**0.3**	**0.3**	**0.4**	**0.4**	**0.4**	**0.5**	**0.5**	**0.6**	**0.6**	**0.6**	**0.6**

Licensee Comments: none

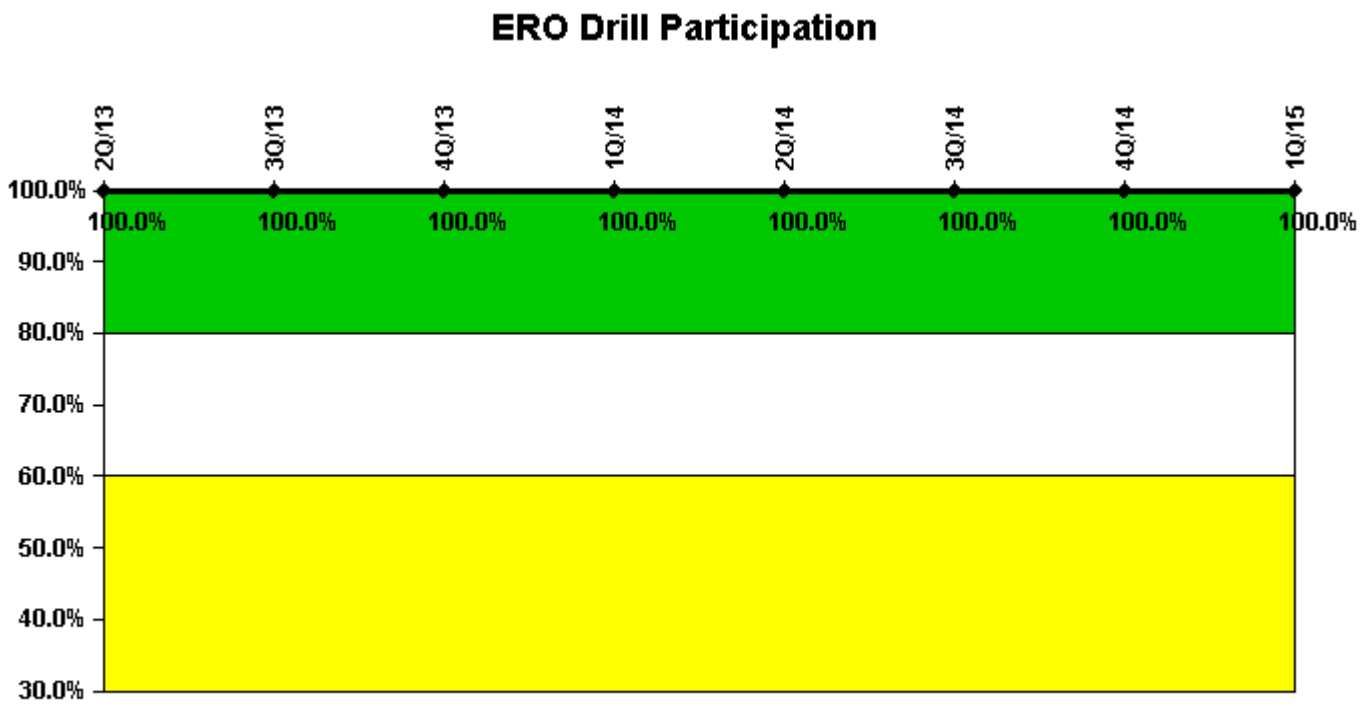


Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Successful opportunities	9.0	13.0	22.0	40.0	44.0	31.0	28.0	24.0
Total opportunities	10.0	14.0	22.0	41.0	44.0	32.0	28.0	26.0
Indicator value	**96.1%**	**95.9%**	**96.7%**	**96.4%**	**97.1%**	**97.8%**	**97.9%**	**97.2%**

Licensee Comments: none



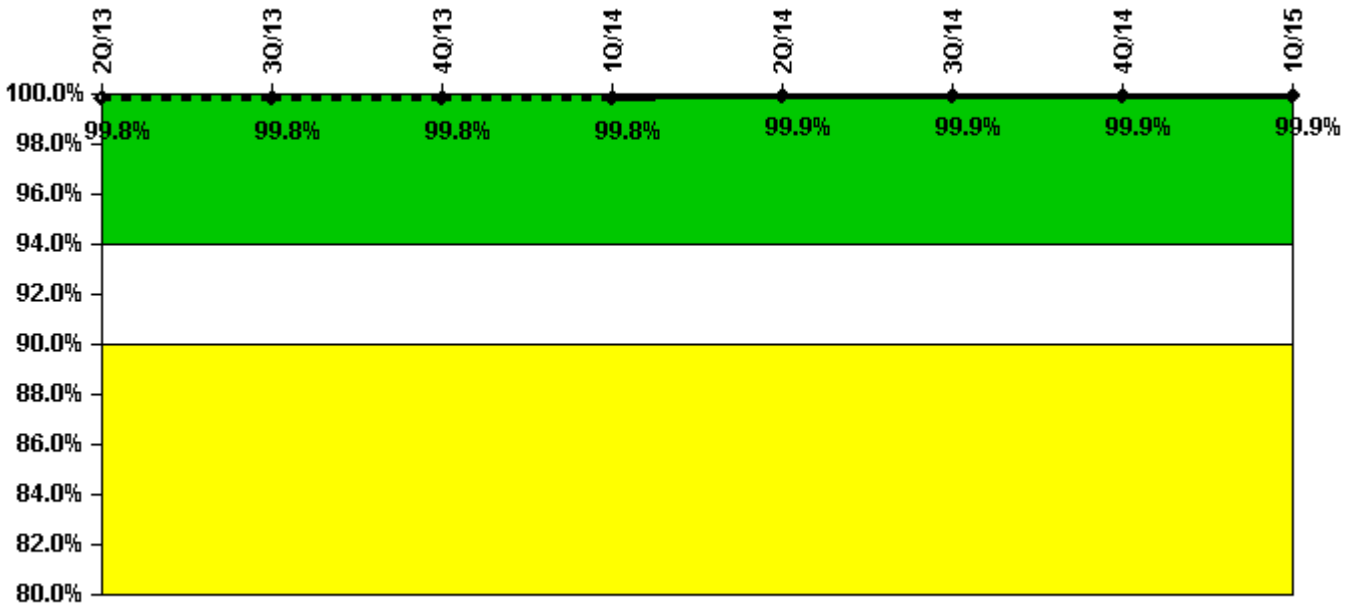
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Participating Key personnel	50.0	49.0	54.0	44.0	49.0	50.0	54.0	55.0
Total Key personnel	50.0	49.0	54.0	44.0	49.0	50.0	54.0	55.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System

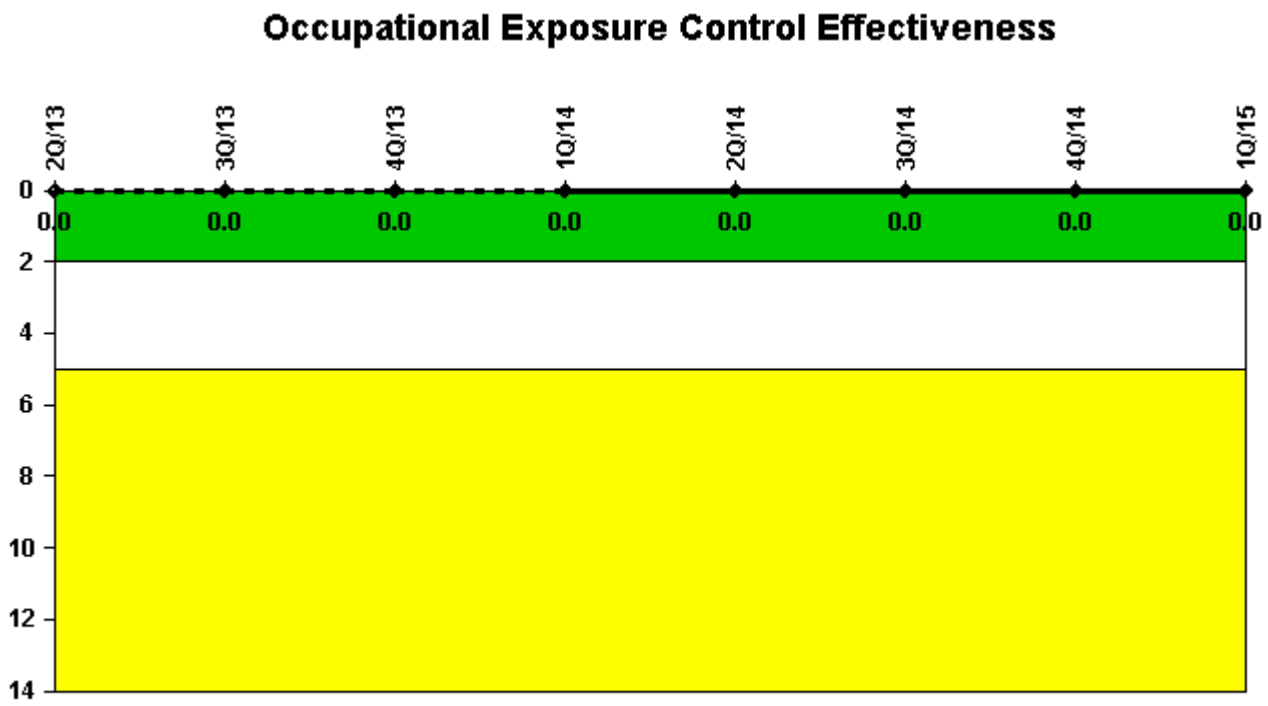


Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Successful siren-tests	579	746	663	581	580	746	664	581
Total sirens-tests	581	747	664	581	581	747	664	581
Indicator value	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**

Licensee Comments: none

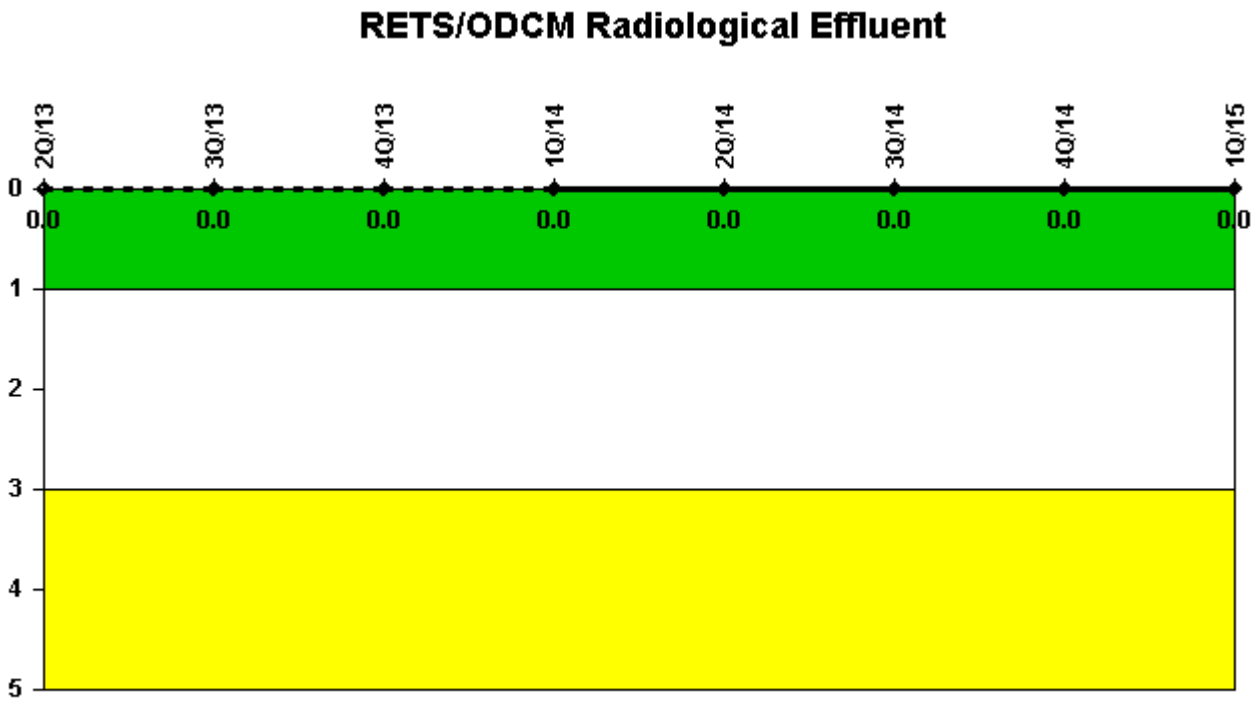


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/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



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/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: April 23, 2015