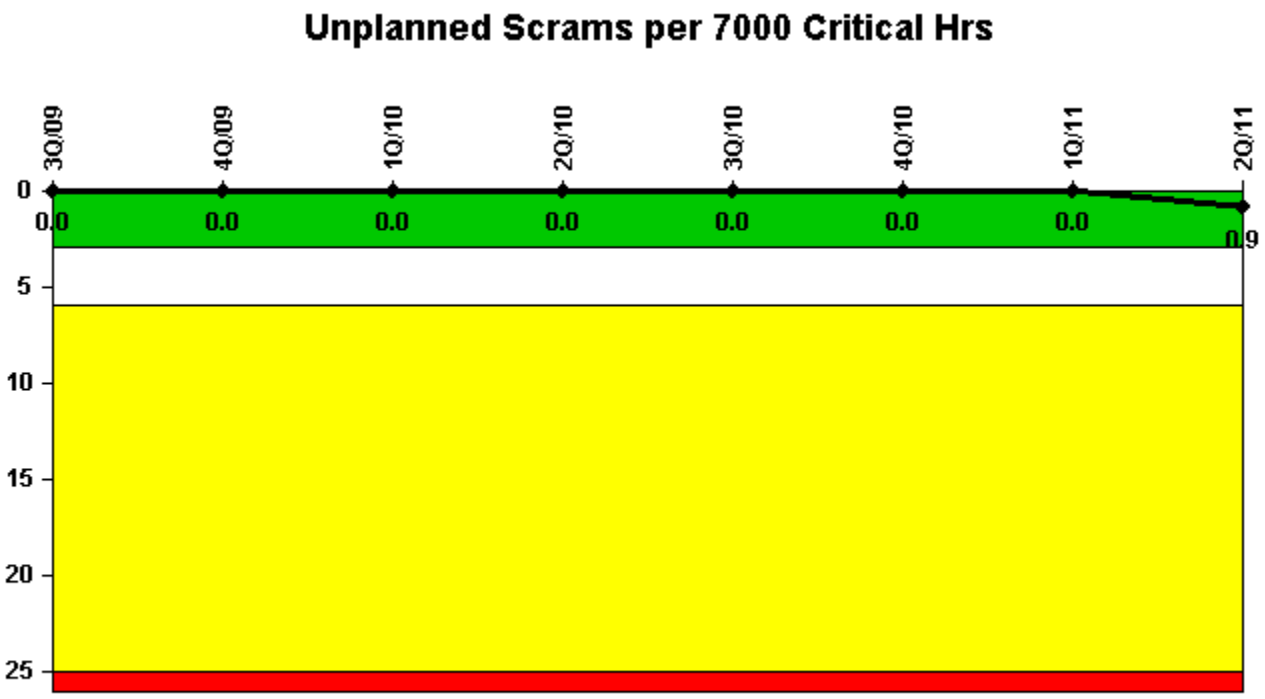
Beaver Valley 2

2Q/2011 Performance Indicators

Licensee's General Comments: none



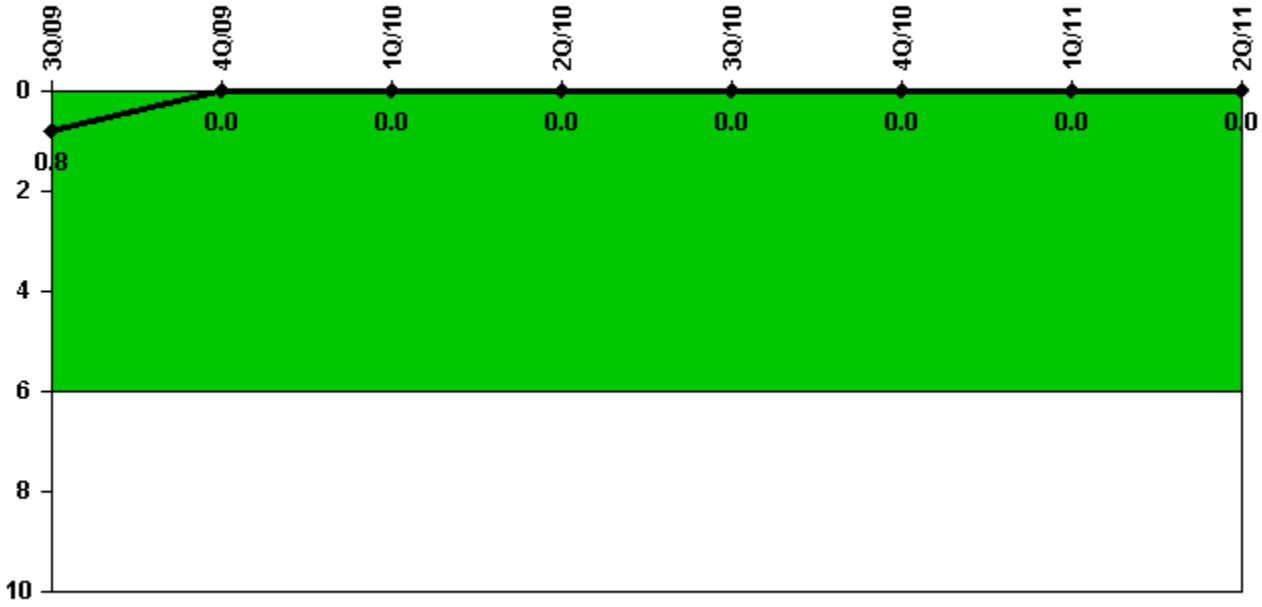
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Unplanned scrams	0	0	0	0	0	0	0	1.0
Critical hours	2208.0	1122.3	2159.0	2184.0	2208.0	2209.0	1560.3	1976.8
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.9**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



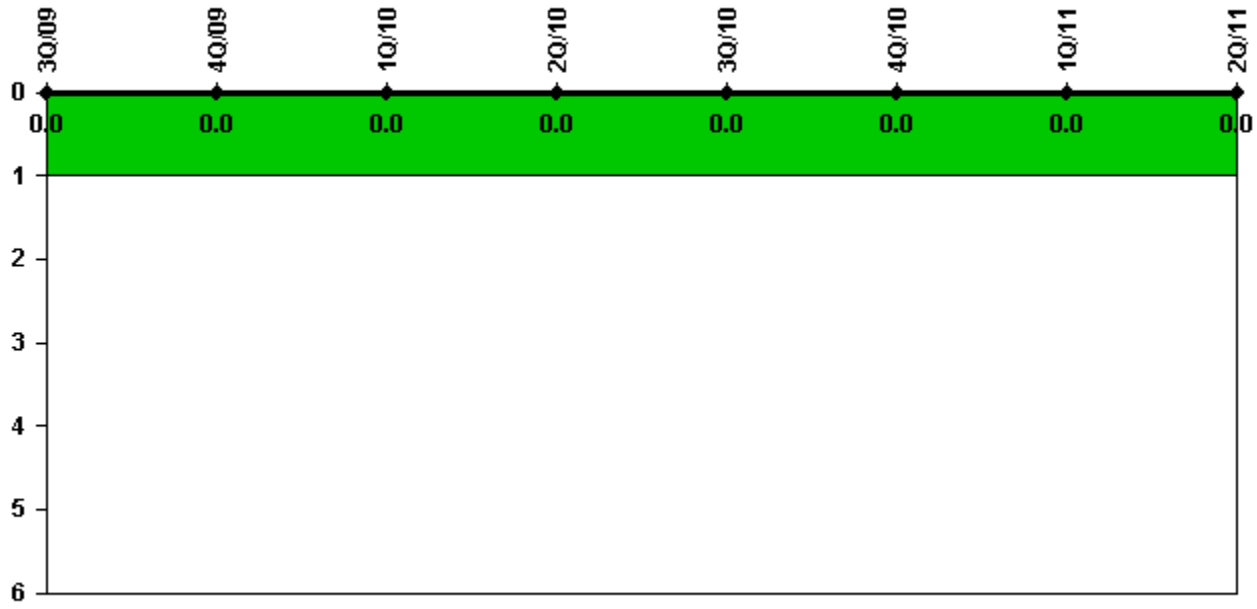
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2208.0	1122.3	2159.0	2184.0	2208.0	2209.0	1560.3	1976.8
Indicator value	**0.8**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Scrams with Complications



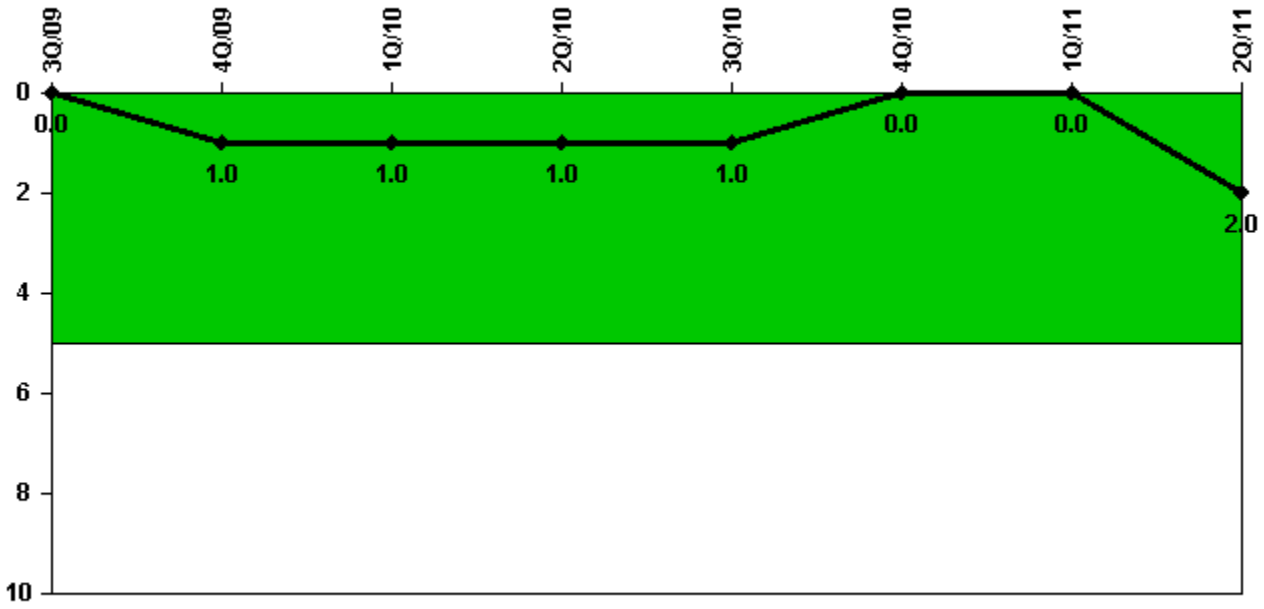
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
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

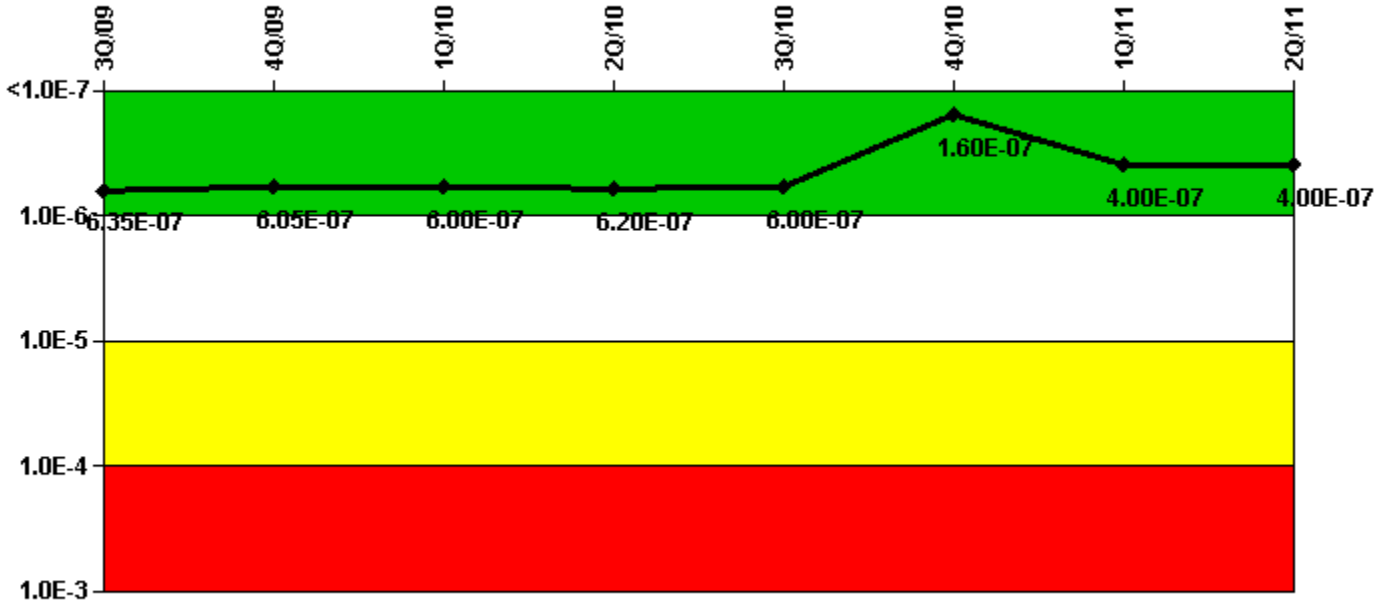
Notes

Safety System Functional Failures (PWR)	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Safety System Functional Failures	0	1	0	0	0	0	0	2
Indicator value	**0**	**1**	**1**	**1**	**1**	**0**	**0**	**2**

Licensee Comments:

2Q/11: LERs 2011-001-00 (Both EDG s Inoperable- mode 6); LER 2011-002-00 (AFW Vent Line Crack)

Mitigating Systems Performance Index, Emergency AC Power System



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

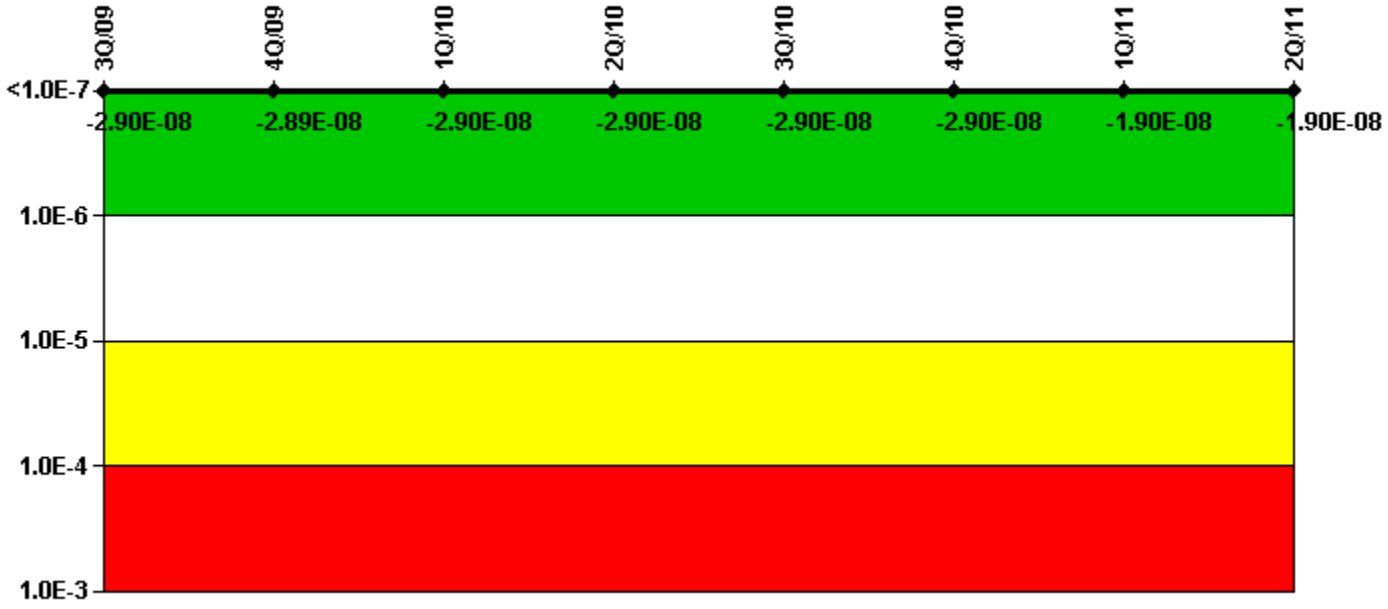
Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (ΔCDF)	2.50E-08	-5.00E-09	-5.04E-09	1.31E-08	-5.04E-09	-8.75E-08	-2.81E-08	-2.76E-08
URI (ΔCDF)	6.10E-07	6.10E-07	6.06E-07	6.06E-07	6.06E-07	2.51E-07	4.27E-07	4.27E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**6.35E-07**	**6.05E-07**	**6.00E-07**	**6.20E-07**	**6.00E-07**	**1.60E-07**	**4.00E-07**	**4.00E-07**

Licensee Comments:

2Q/11: Risk Cap Invoked.

Mitigating Systems Performance Index, High Pressure Injection System



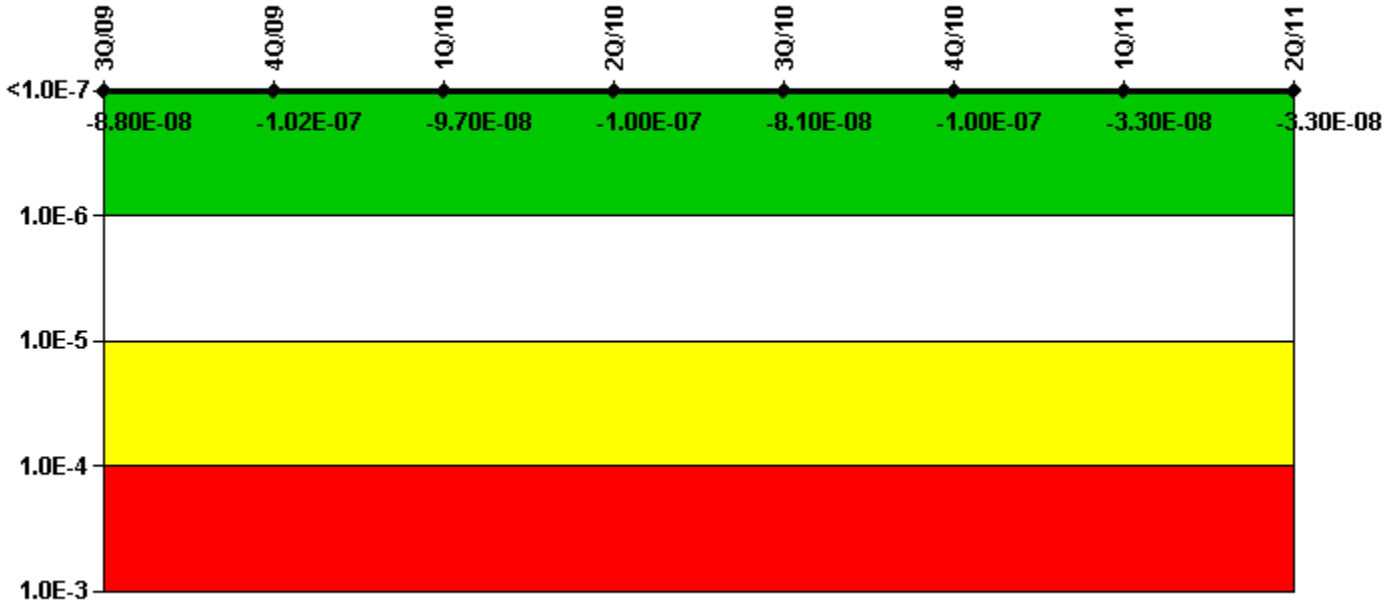
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**
UAI (ΔCDF)	-8.00E-09	-7.90E-09	-7.95E-09	-7.95E-09	-7.95E-09	-7.95E-09	-7.11E-09	-7.11E-09
URI (ΔCDF)	-2.10E-08	-2.10E-08	-2.11E-08	-2.11E-08	-2.11E-08	-2.11E-08	-1.15E-08	-1.15E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.90E-08**	**-2.89E-08**	**-2.90E-08**	**-2.90E-08**	**-2.90E-08**	**-2.90E-08**	**-1.90E-08**	**-1.90E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



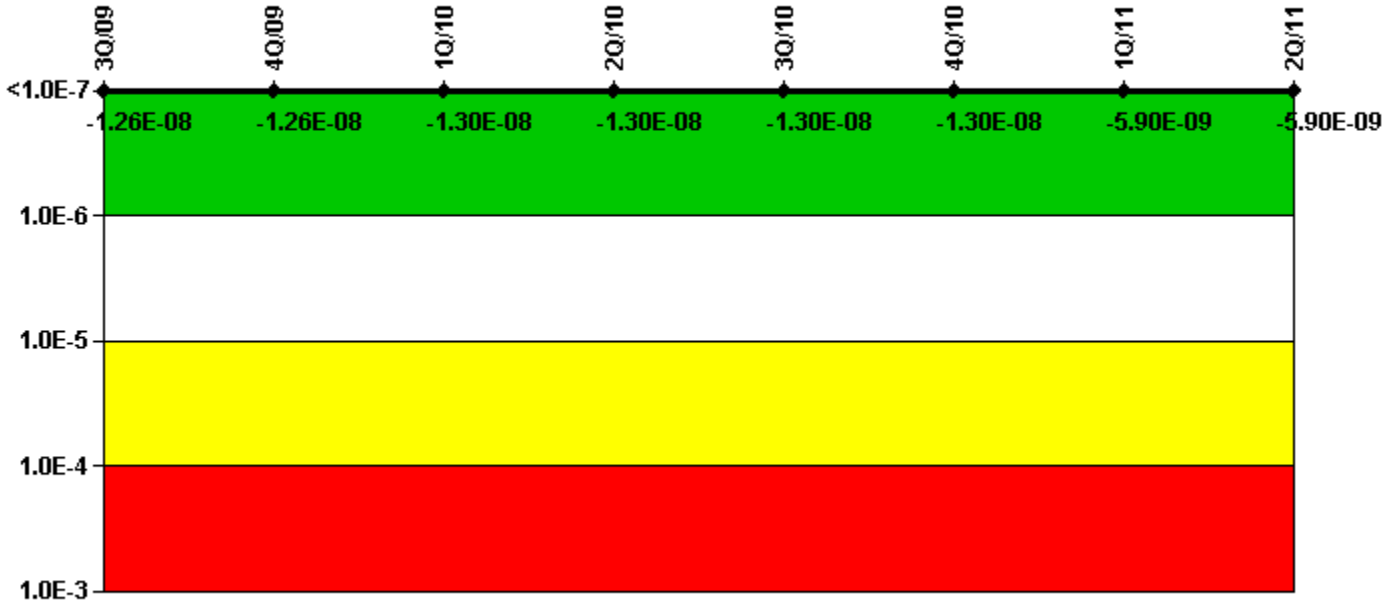
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (ΔCDF)	-3.90E-08	-5.30E-08	-4.79E-08	-5.07E-08	-3.16E-08	-5.46E-08	-7.93E-09	-7.02E-09
URI (ΔCDF)	-4.90E-08	-4.90E-08	-4.89E-08	-4.89E-08	-4.89E-08	-4.89E-08	-2.51E-08	-2.64E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-8.80E-08**	**-1.02E-07**	**-9.70E-08**	**-1.00E-07**	**-8.10E-08**	**-1.00E-07**	**-3.30E-08**	**-3.30E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



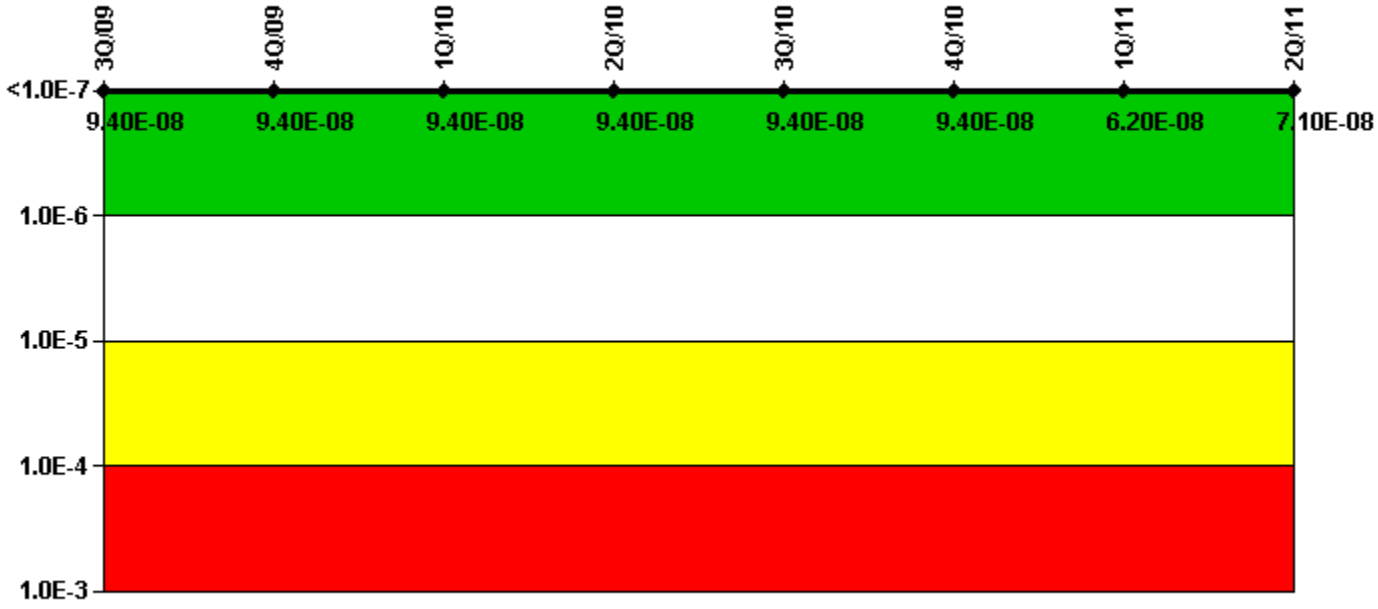
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (ΔCDF)	-5.90E-09	-5.90E-09	-5.87E-09	-5.87E-09	-5.87E-09	-5.87E-09	-2.73E-09	-2.73E-09
URI (ΔCDF)	-6.70E-09	-6.70E-09	-6.71E-09	-6.71E-09	-6.71E-09	-6.71E-09	-3.17E-09	-3.17E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.26E-08**	**-1.26E-08**	**-1.30E-08**	**-1.30E-08**	**-1.30E-08**	**-1.30E-08**	**-5.90E-09**	**-5.90E-09**

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



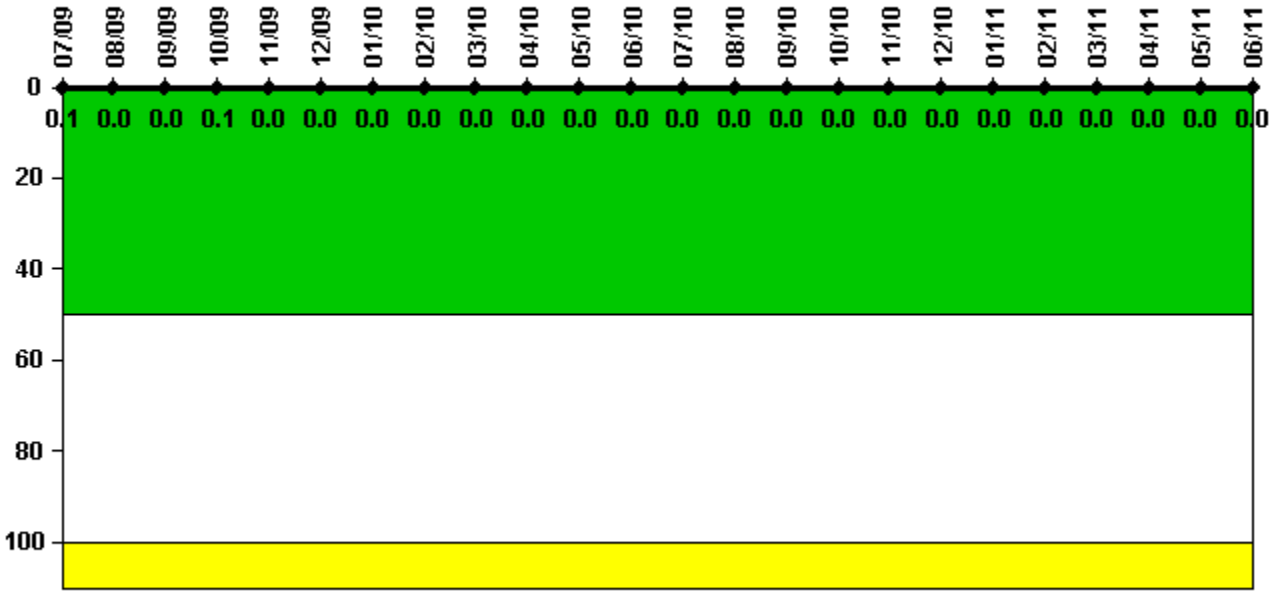
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (ΔCDF)	6.80E-08	6.80E-08	6.80E-08	6.80E-08	6.81E-08	6.81E-08	2.94E-08	1.21E-08
URI (ΔCDF)	2.60E-08	2.60E-08	2.60E-08	2.60E-08	2.60E-08	2.60E-08	3.23E-08	5.88E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**9.40E-08**	**9.40E-08**	**9.40E-08**	**9.40E-08**	**9.40E-08**	**9.40E-08**	**6.20E-08**	**7.10E-08**

Licensee Comments: none

Reactor Coolant System Activity



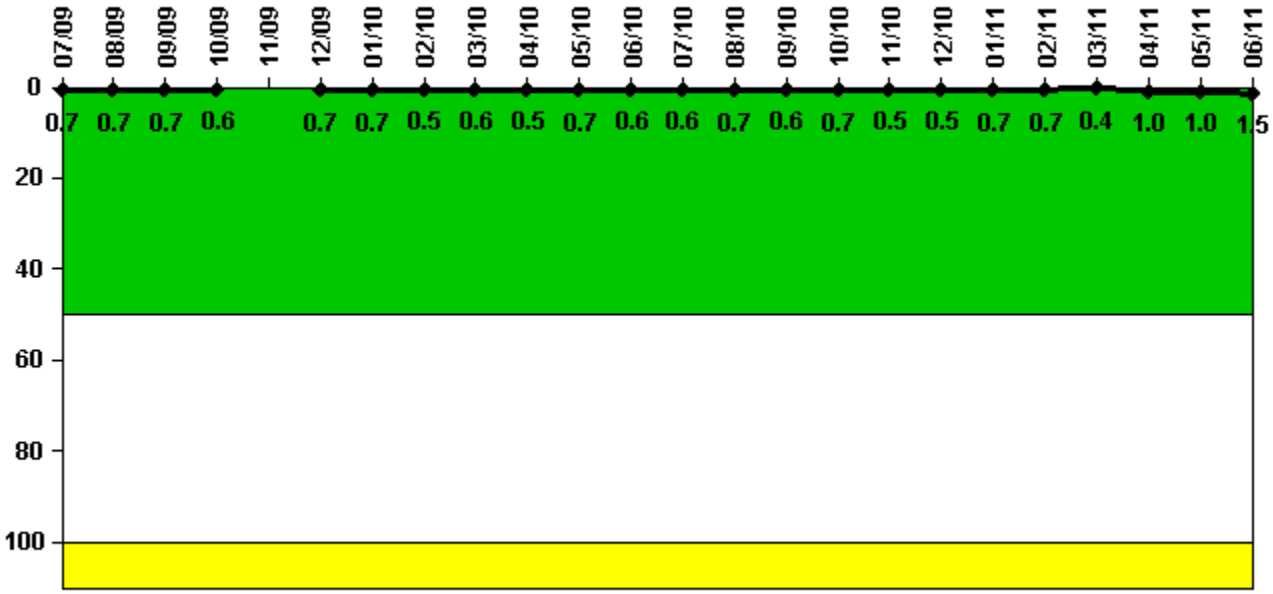
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**7/09**	**8/09**	**9/09**	**10/09**	**11/09**	**12/09**	**1/10**	**2/10**	**3/10**	**4/10**	**5/10**	**6/10**
Maximum activity	0.000178	0.000167	0.000170	0.000182	0.000058	0.000087	0.000098	0.000117	0.000118	0.000115	0.000127	0.000123
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	**0.1**	**0**	**0**	**0.1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Reactor Coolant System Activity	**7/10**	**8/10**	**9/10**	**10/10**	**11/10**	**12/10**	**1/11**	**2/11**	**3/11**	**4/11**	**5/11**	**6/11**
Maximum activity	0.000126	0.000129	0.000140	0.000144	0.000147	0.000149	0.000156	0.000160	0.000160	0.000085	0.000100	0.000133
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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

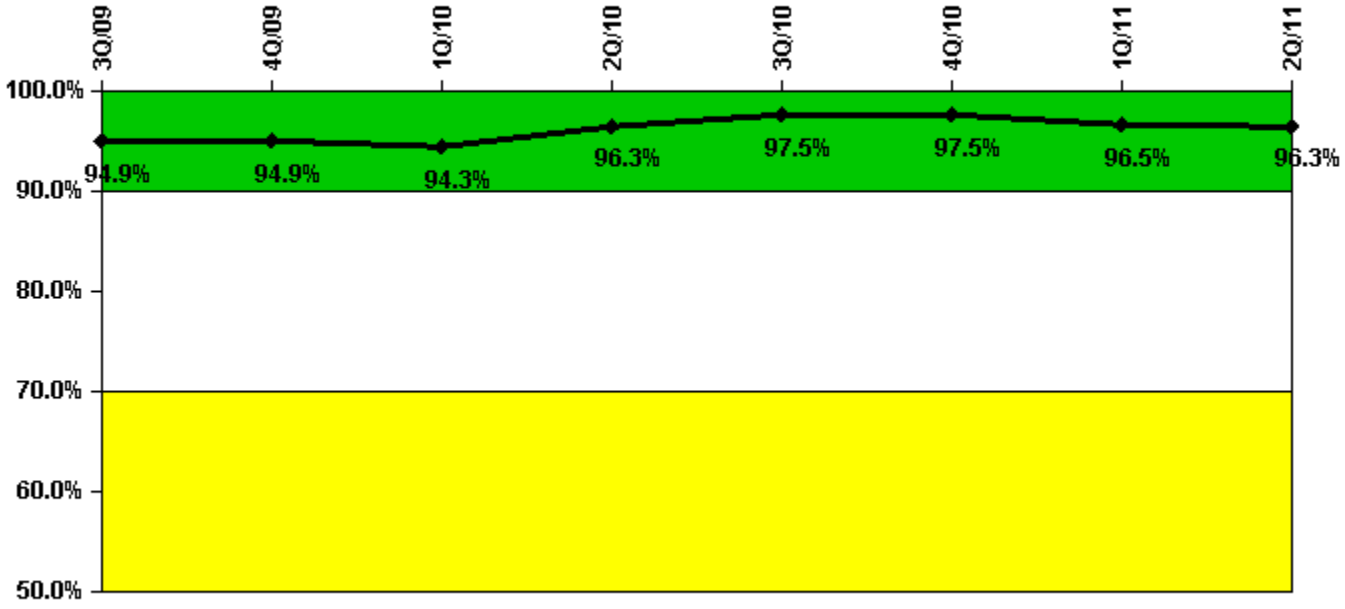
Notes

Reactor Coolant System Leakage	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10	4/10	5/10	6/10
Maximum leakage	0.070	0.070	0.070	0.060	N/A	0.070	0.070	0.050	0.060	0.050	0.070	0.060
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**	**0.6**	**N/A**	**0.7**	**0.7**	**0.5**	**0.6**	**0.5**	**0.7**	**0.6**

Reactor Coolant System Leakage	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11	4/11	5/11	6/11
Maximum leakage	0.060	0.070	0.060	0.070	0.050	0.050	0.070	0.070	0.040	0.100	0.100	0.150
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**	**0.7**	**0.6**	**0.7**	**0.5**	**0.5**	**0.7**	**0.7**	**0.4**	**1.0**	**1.0**	**1.5**

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

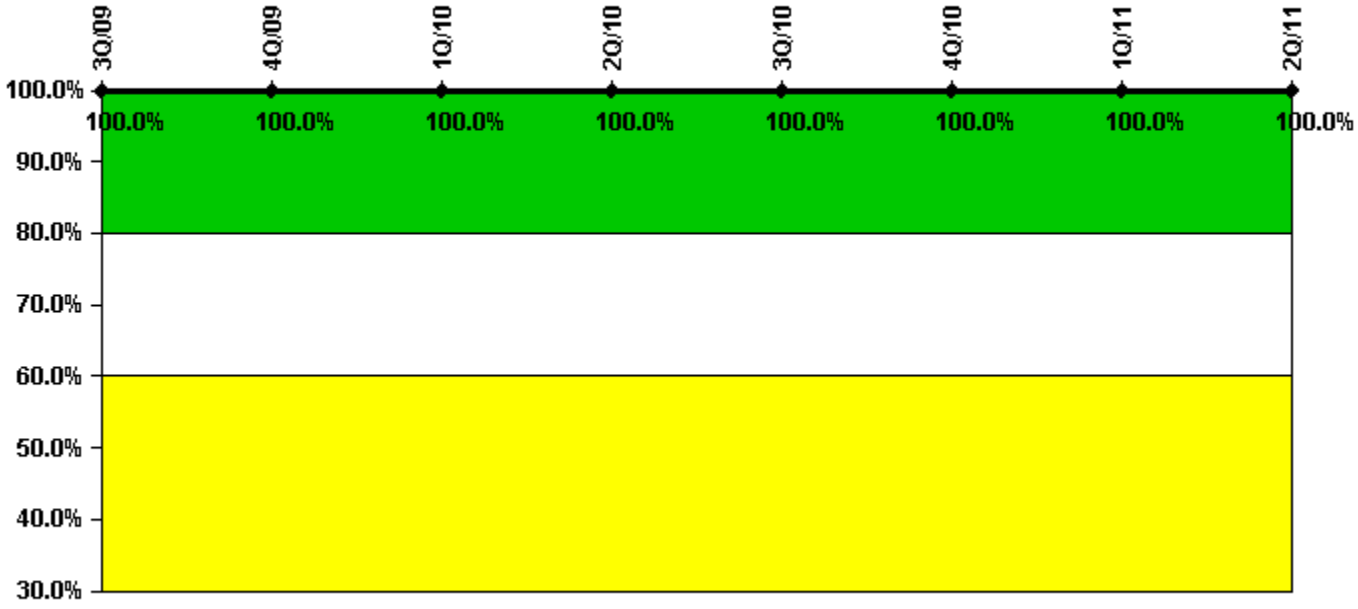
Drill/Exercise Performance	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Successful opportunities	22.0	2.0	26.0	45.0	26.0	5.0	10.0	18.0
Total opportunities	22.0	2.0	30.0	45.0	26.0	5.0	11.0	19.0
Indicator value	**94.9%**	**94.9%**	**94.3%**	**96.3%**	**97.5%**	**97.5%**	**96.5%**	**96.3%**

Licensee Comments:

1Q/11: Previously reported values for 2011-01 were in error. (See Condition Reports 11-94235 and 11-94392)

3Q/10: Previously reported values for 2010-09 were in error. (See Condition Reports 11-94235 and 11-94392)

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

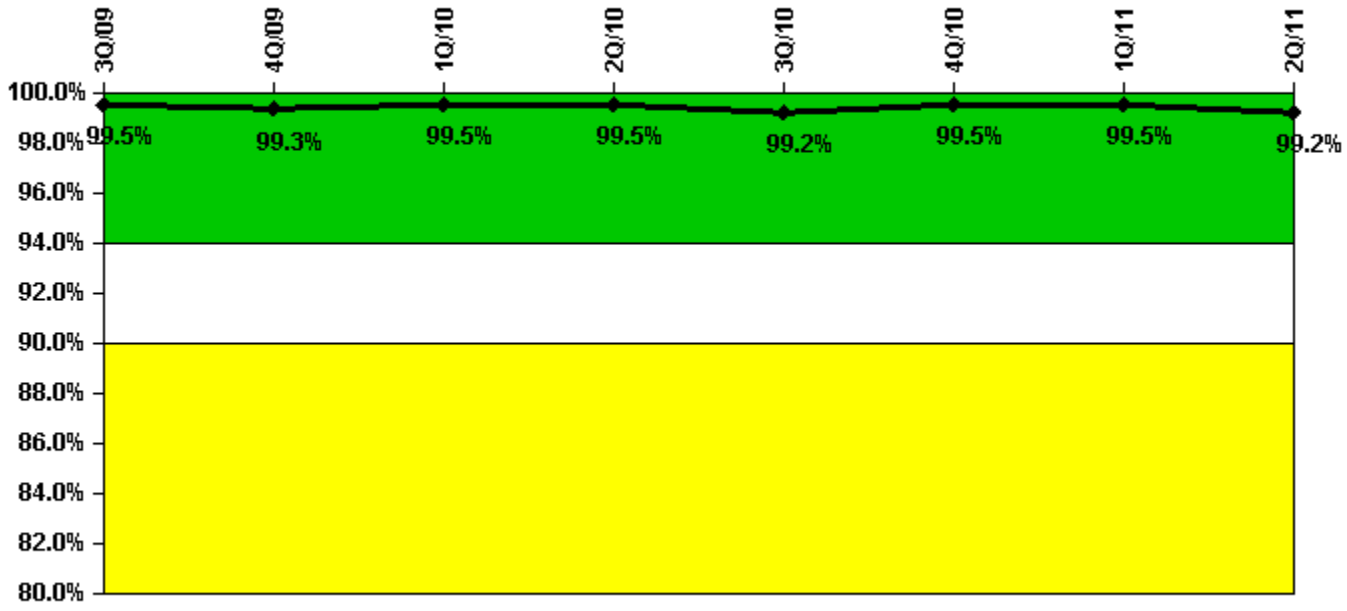
Notes

ERO Drill Participation	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Participating Key personnel	122.0	123.0	122.0	119.0	121.0	116.0	167.0	167.0
Total Key personnel	122.0	123.0	122.0	119.0	121.0	116.0	167.0	167.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments:

3Q/10: Previously reported values for 2010-09 were in error. (See Condition Reports 11-94235 and 11-94392)

Alert & Notification System



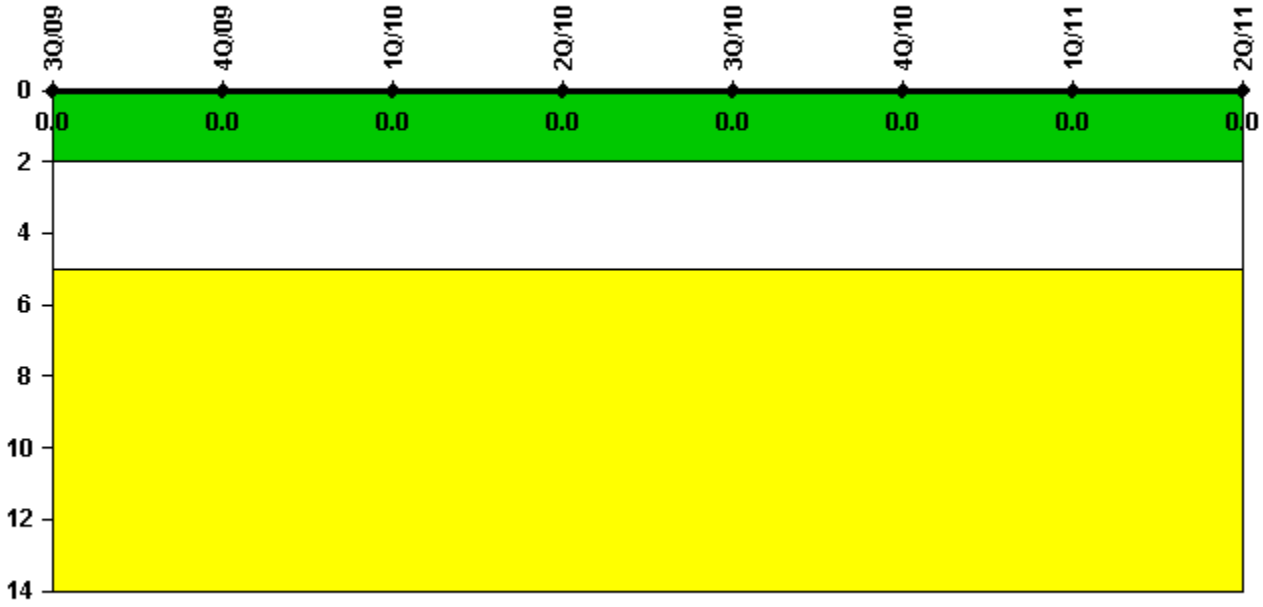
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Successful siren-tests	237	117	119	115	235	119	119	113
Total sirens-tests	238	119	119	115	238	119	119	115
Indicator value	**99.5%**	**99.3%**	**99.5%**	**99.5%**	**99.2%**	**99.5%**	**99.5%**	**99.2%**

Licensee Comments: none

Occupational Exposure Control Effectiveness



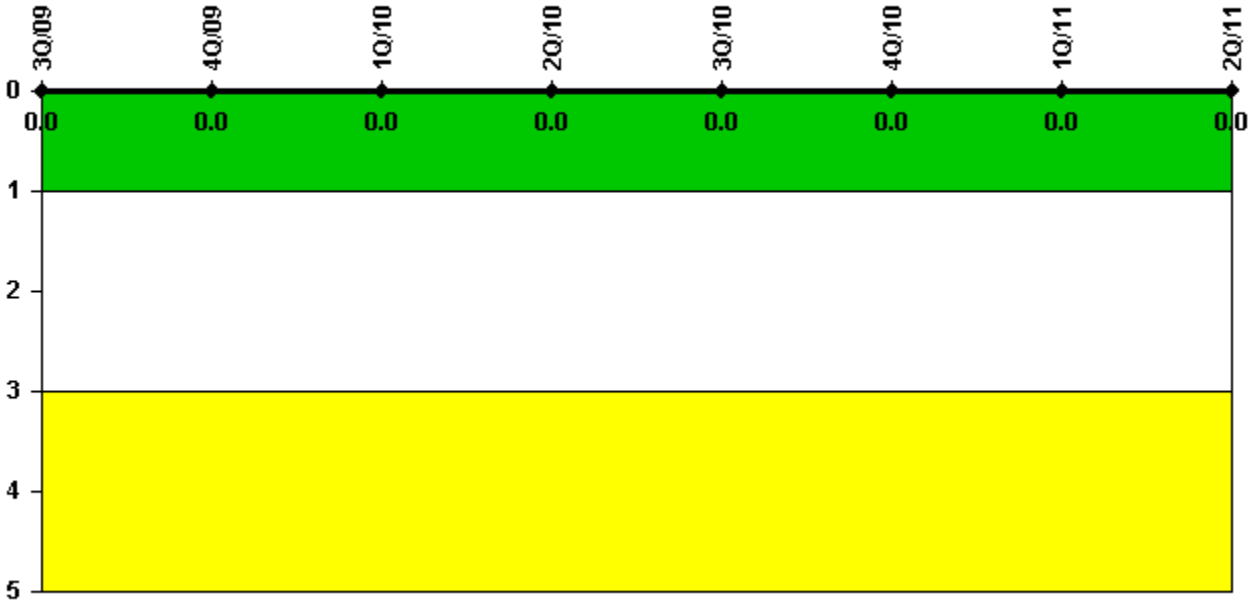
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
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	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
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.

Action Matrix Summary | Inspection Findings Summary | PI Summary | Reactor Oversight Process

Last Modified: July 22, 2011