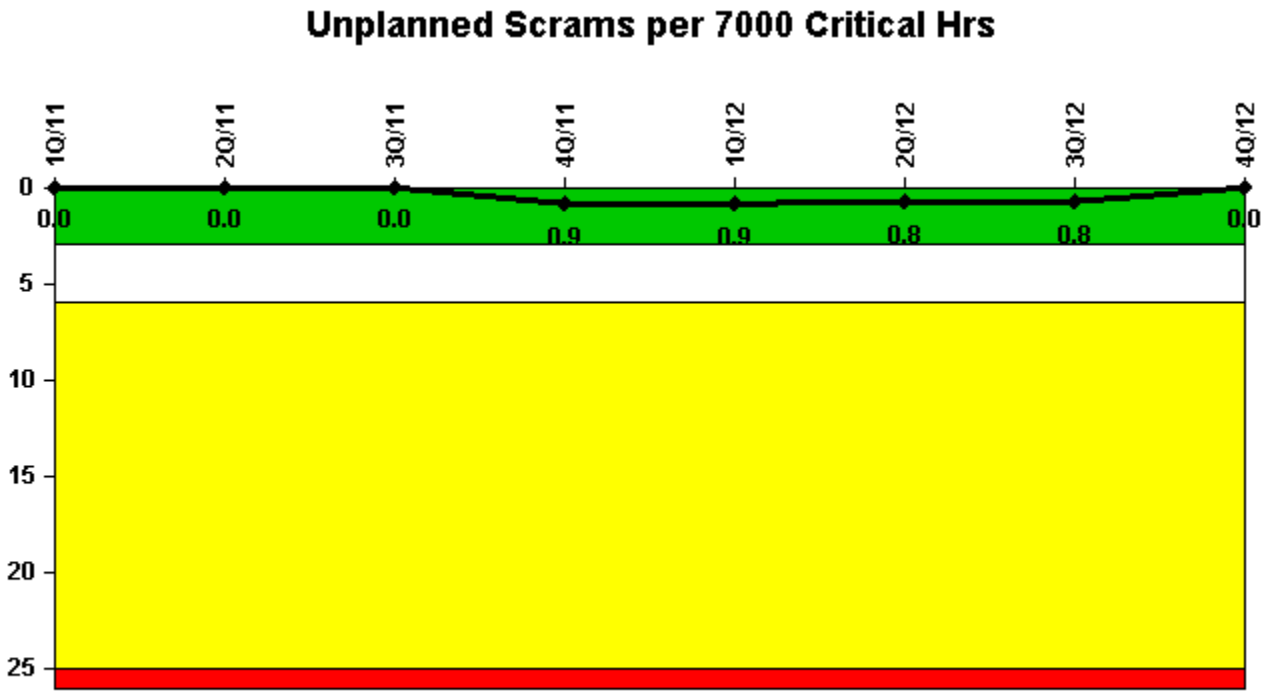
Hatch 2

4Q/2012 Performance Indicators

Licensee's General Comments: none



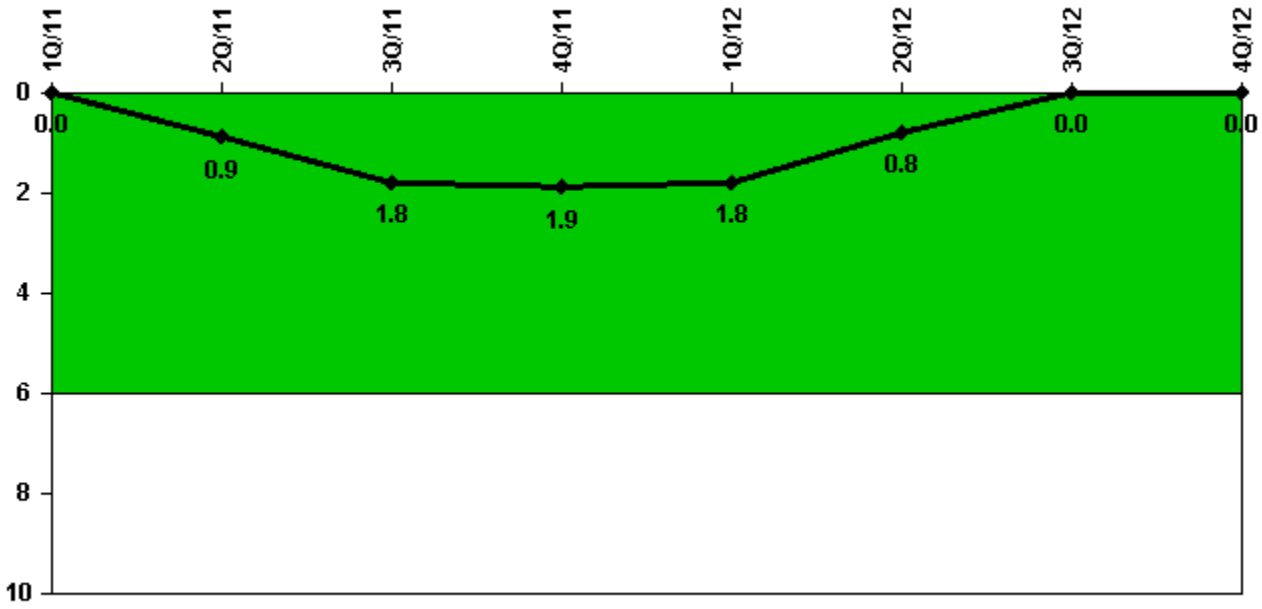
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Unplanned scrams	0	0	0	1.0	0	0	0	0
Critical hours	2065.1	1324.7	2208.0	1954.3	2183.0	2063.2	2208.0	2209.0
Indicator value	**0**	**0**	**0**	**0.9**	**0.9**	**0.8**	**0.8**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



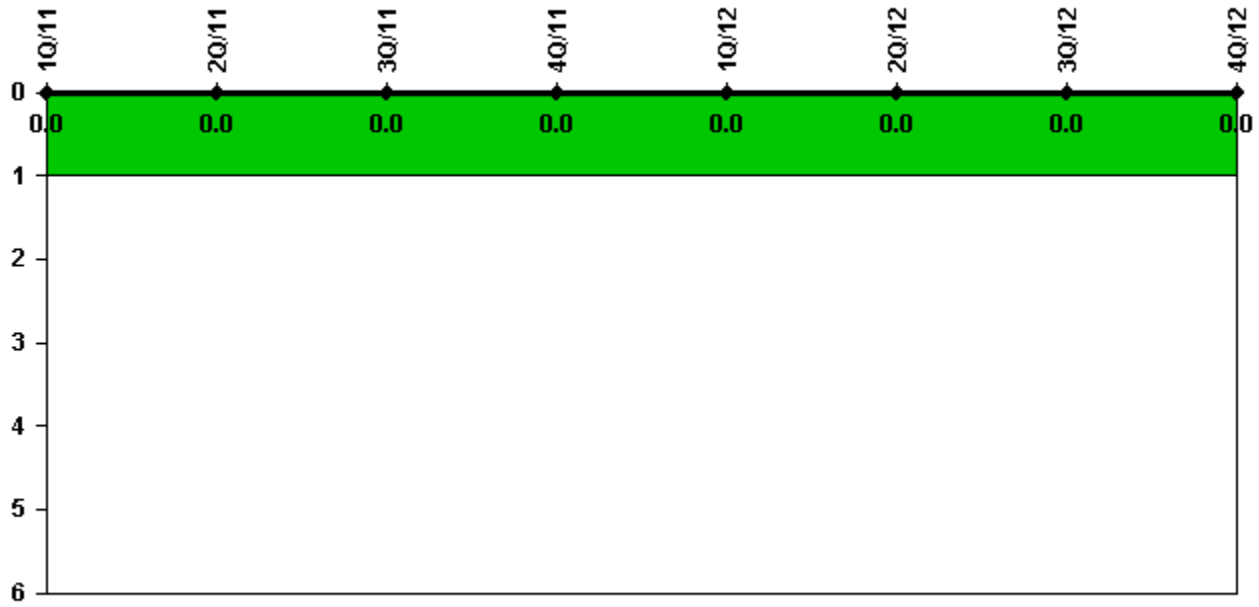
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Unplanned power changes	0	1.0	1.0	0	0	0	0	0
Critical hours	2065.1	1324.7	2208.0	1954.3	2183.0	2063.2	2208.0	2209.0
Indicator value	**0**	**0.9**	**1.8**	**1.9**	**1.8**	**0.8**	**0**	**0**

Licensee Comments: none

Unplanned Scrams with Complications



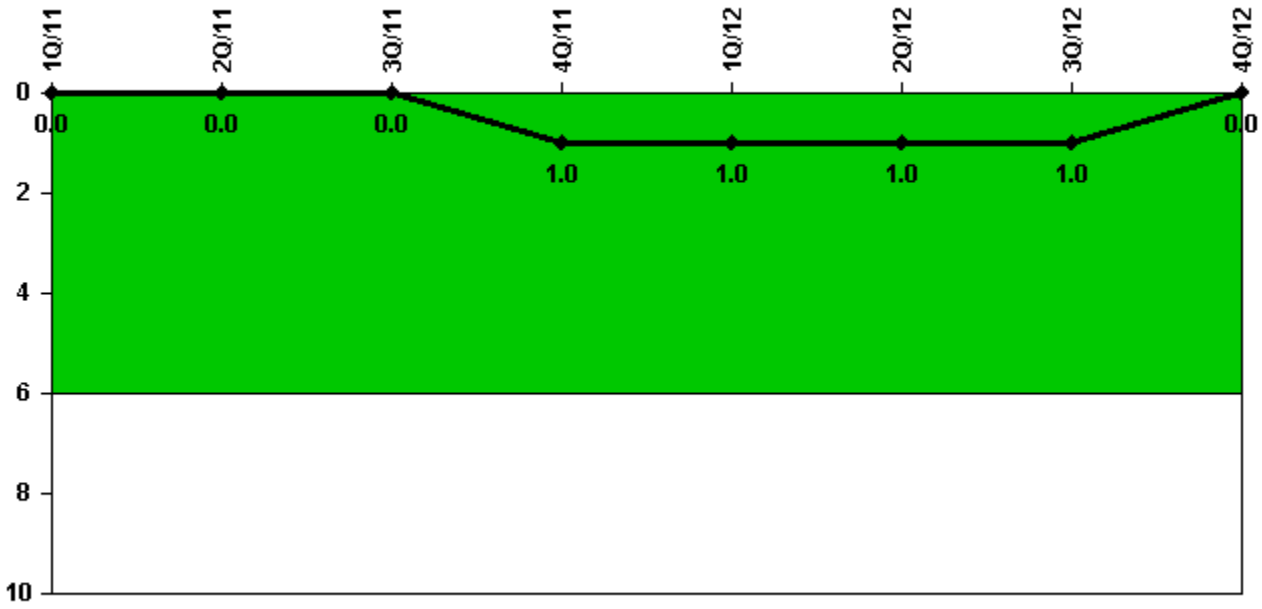
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
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 (BWR)



Thresholds: White > 6.0

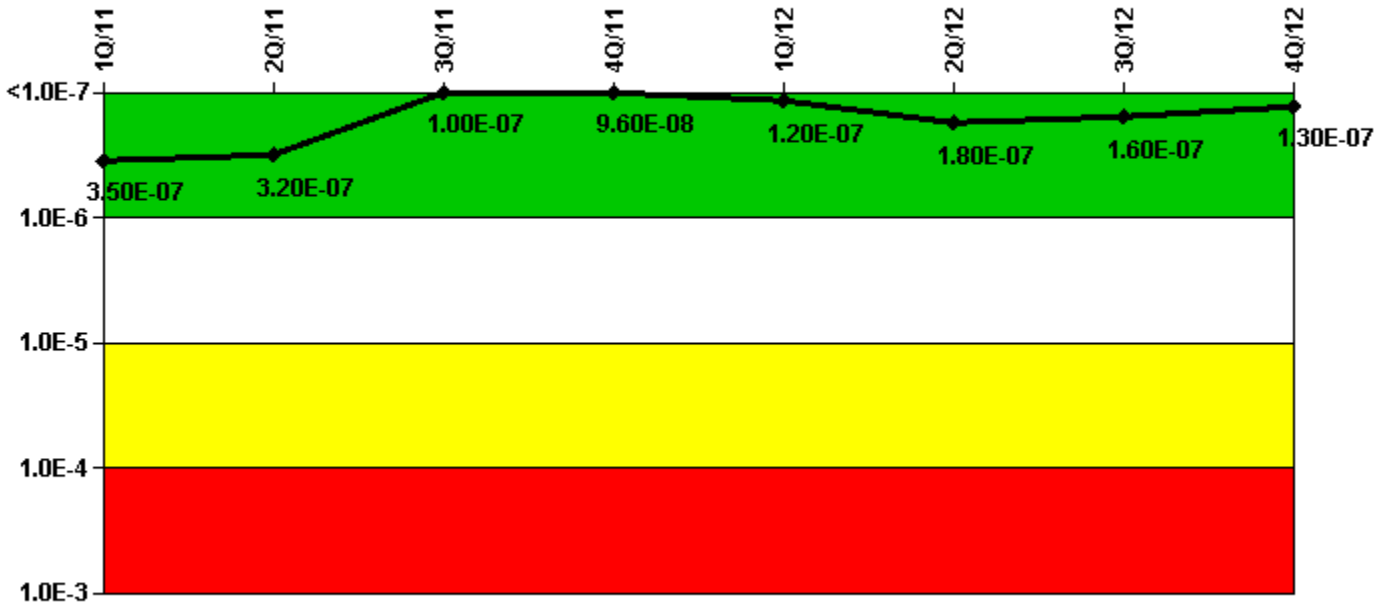
Notes

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

Licensee Comments:

4Q/11: LER 2011-001, Rev. 1

Mitigating Systems Performance Index, Emergency AC Power System



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

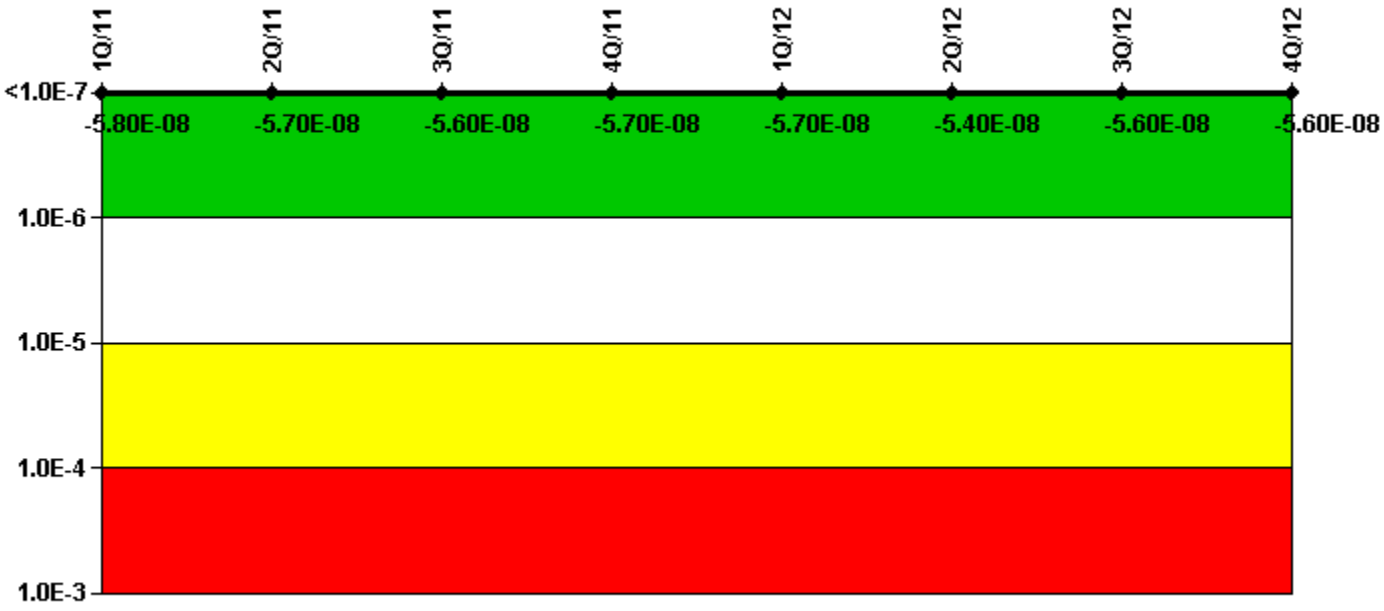
Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (ΔCDF)	2.22E-07	1.75E-07	1.61E-07	1.60E-07	1.69E-07	2.17E-07	2.03E-07	1.70E-07
URI (ΔCDF)	1.30E-07	1.44E-07	-5.97E-08	-6.34E-08	-4.61E-08	-3.43E-08	-3.94E-08	-3.78E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**3.50E-07**	**3.20E-07**	**1.00E-07**	**9.60E-08**	**1.20E-07**	**1.80E-07**	**1.60E-07**	**1.30E-07**

Licensee Comments:

1Q/11: Changed PRA Parameter(s). All PRA inputs were revised effective 4Q10 to reflect Rev 4 of the PRA model revised 3Q10. Version E of the Hatch MSPI Basis Document was approved on 12/28/2010.

Mitigating Systems Performance Index, High Pressure Injection System



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

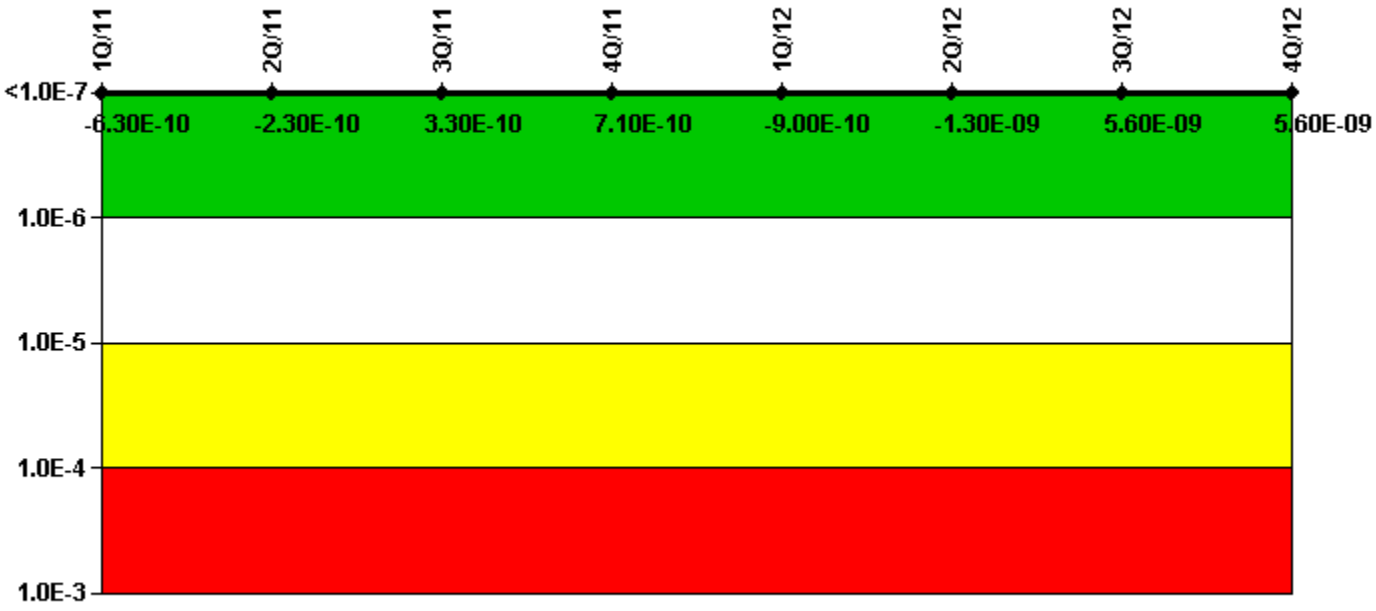
Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (ΔCDF)	-2.24E-08	-2.24E-08	-2.24E-08	-2.24E-08	-2.24E-08	-2.24E-08	-2.24E-08	-2.24E-08
URI (ΔCDF)	-3.61E-08	-3.51E-08	-3.37E-08	-3.49E-08	-3.46E-08	-3.20E-08	-3.33E-08	-3.34E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.80E-08**	**-5.70E-08**	**-5.60E-08**	**-5.70E-08**	**-5.70E-08**	**-5.40E-08**	**-5.60E-08**	**-5.60E-08**

Licensee Comments:

1Q/11: Changed PRA Parameter(s). All PRA inputs were revised effective 4Q10 to reflect Rev 4 of the PRA model revised 3Q10. Version E of the Hatch MSPI Basis Document was approved on 12/28/2010.

Mitigating Systems Performance Index, Heat Removal System



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

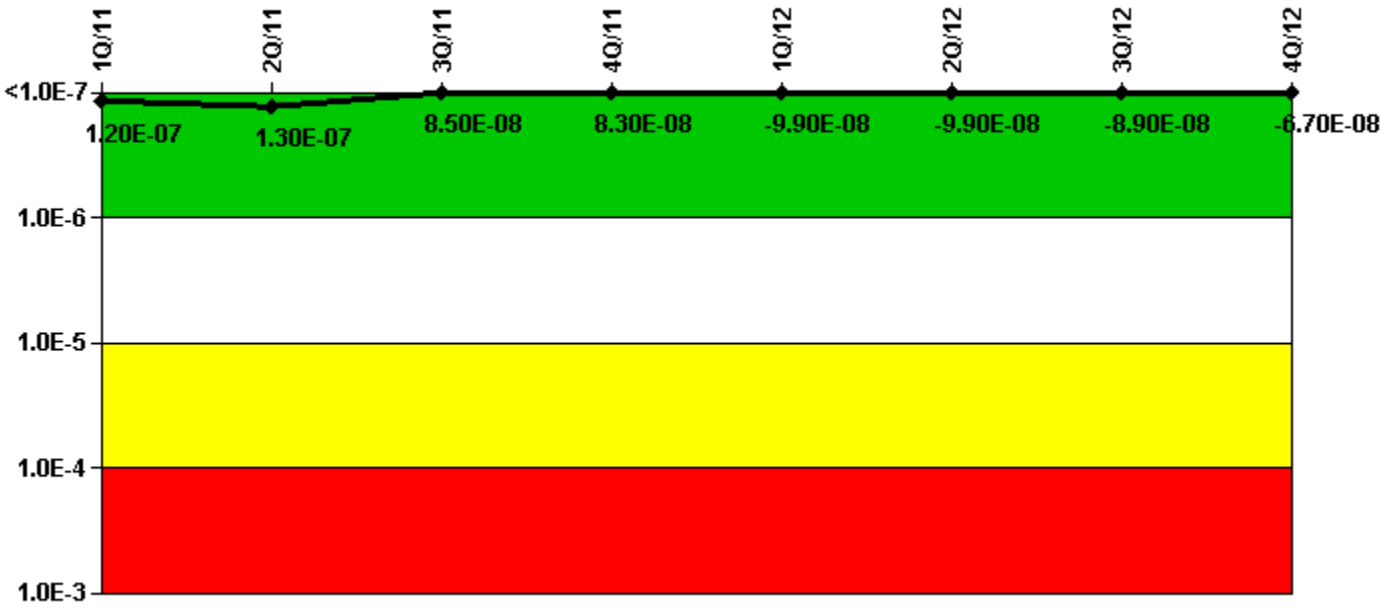
Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (ΔCDF)	1.51E-08	1.61E-08	1.56E-08	1.60E-08	1.43E-08	1.27E-08	2.07E-08	2.07E-08
URI (ΔCDF)	-1.57E-08	-1.63E-08	-1.53E-08	-1.53E-08	-1.52E-08	-1.40E-08	-1.51E-08	-1.51E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.30E-10**	**-2.30E-10**	**3.30E-10**	**7.10E-10**	**-9.00E-10**	**-1.30E-09**	**5.60E-09**	**5.60E-09**

Licensee Comments:

1Q/11: Changed PRA Parameter(s). All PRA inputs were revised effective 4Q10 to reflect Rev 4 of the PRA model revised 3Q10. Version E of the Hatch MSPI Basis Document was approved on 12/28/2010.

Mitigating Systems Performance Index, Residual Heat Removal System



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

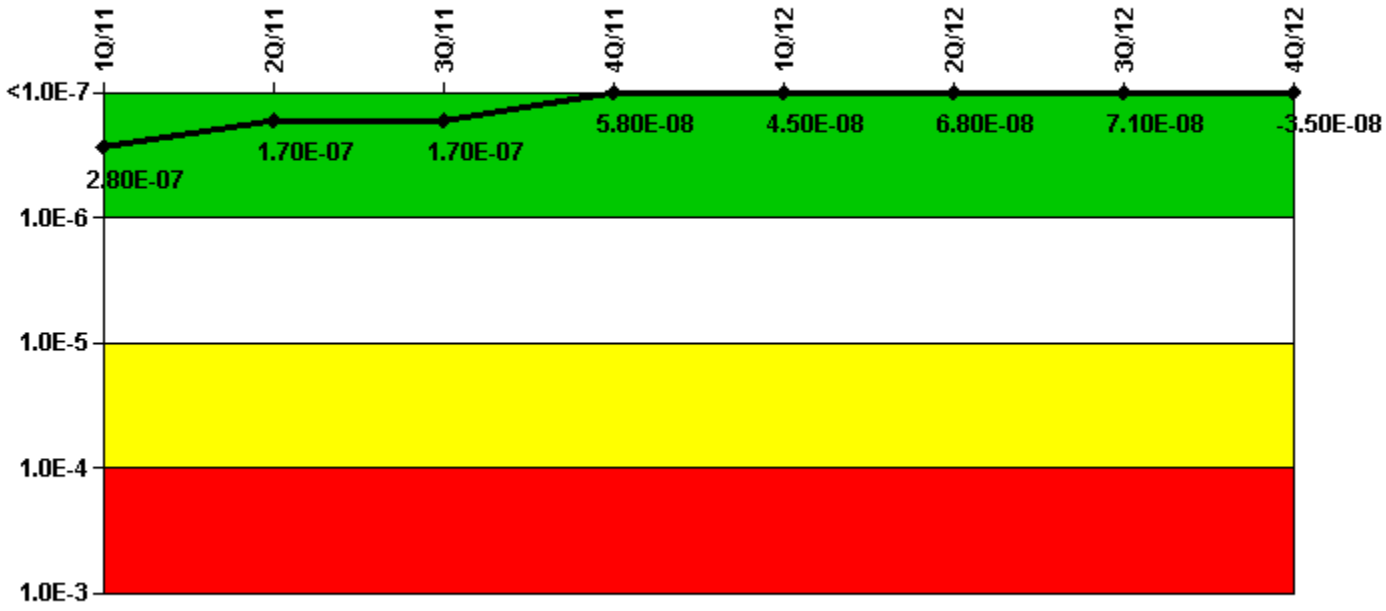
Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (ΔCDF)	6.81E-08	7.23E-08	2.03E-08	2.13E-08	1.69E-08	1.45E-08	2.71E-08	5.09E-08
URI (ΔCDF)	4.73E-08	5.41E-08	6.51E-08	6.14E-08	-1.16E-07	-1.13E-07	-1.16E-07	-1.18E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.20E-07**	**1.30E-07**	**8.50E-08**	**8.30E-08**	**-9.90E-08**	**-9.90E-08**	**-8.90E-08**	**-6.70E-08**

Licensee Comments:

1Q/11: Changed PRA Parameter(s). All PRA inputs were revised effective 4Q10 to reflect Rev 4 of the PRA model revised 3Q10. Version E of the Hatch MSPI Basis Document was approved on 12/28/2010.

Mitigating Systems Performance Index, Cooling Water Systems



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

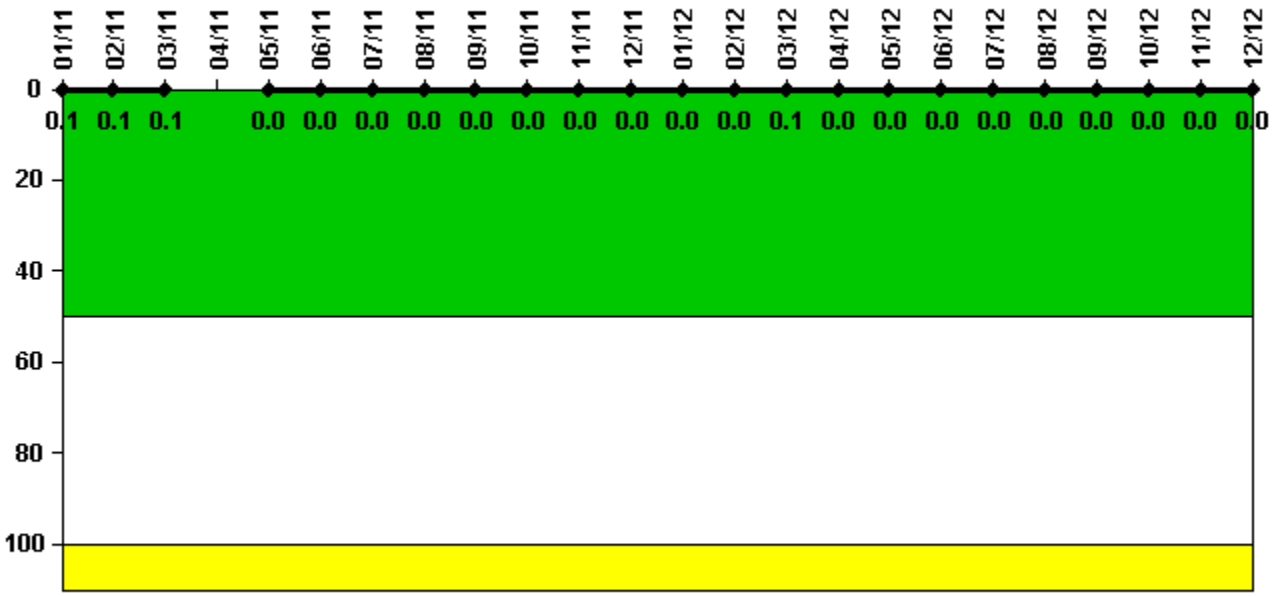
Notes

Mitigating Systems Performance Index, Cooling Water Systems	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**
UAI (ΔCDF)	1.41E-07	7.78E-08	7.80E-08	5.26E-08	3.55E-08	5.68E-08	5.68E-08	4.25E-08
URI (ΔCDF)	1.37E-07	8.92E-08	9.28E-08	5.08E-09	9.56E-09	1.08E-08	1.41E-08	-7.70E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.80E-07**	**1.70E-07**	**1.70E-07**	**5.80E-08**	**4.50E-08**	**6.80E-08**	**7.10E-08**	**-3.50E-08**

Licensee Comments:

1Q/11: Changed PRA Parameter(s). All PRA inputs were revised effective 4Q10 to reflect Rev 4 of the PRA model revised 3Q10. Version E of the Hatch MSPI Basis Document was approved on 12/28/2010.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

Notes

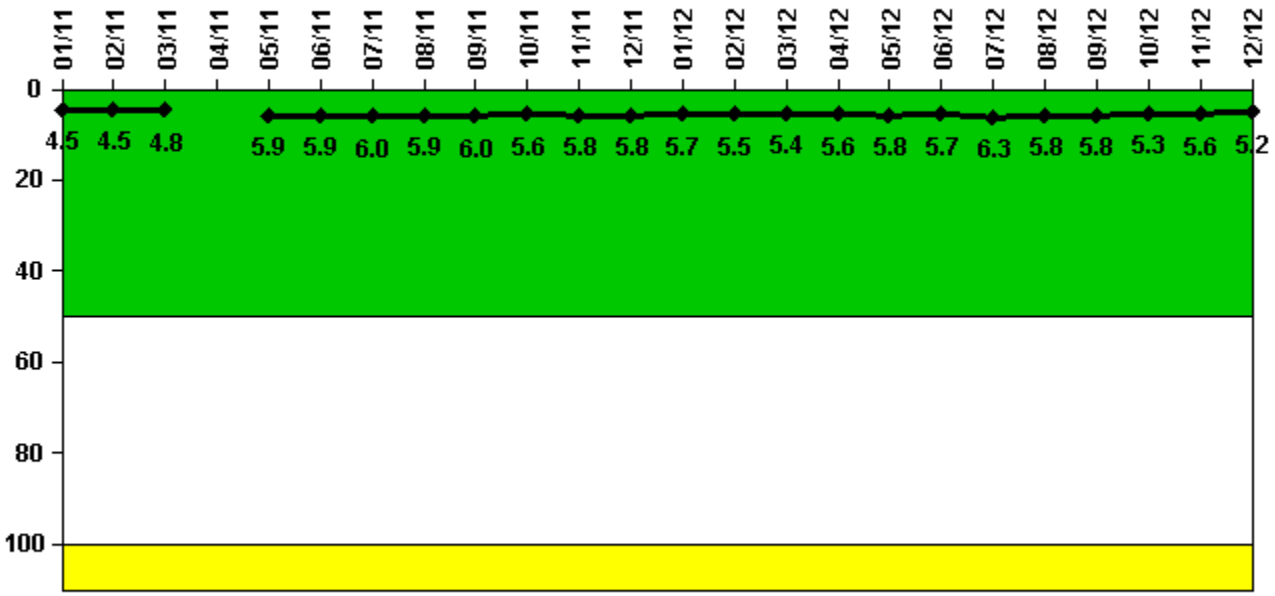
Reactor Coolant System Activity	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11
Maximum activity	0.000121	0.000115	0.000111	N/A	0.000045	0.000054	0.000058	0.000060	0.000048	0.000038	0.000084	0.000048
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0.1**	**0.1**	**0.1**	**N/A**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Reactor Coolant System Activity	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	12/12
Maximum activity	0.000062	0.000064	0.000116	0.000063	0.000062	0.000062	0.000034	0.000046	0.000051	0.000060	0.000046	0.000044
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**	**0.1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments:

6/11: Unit 2 was in a refueling outage the month of April.

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

Notes

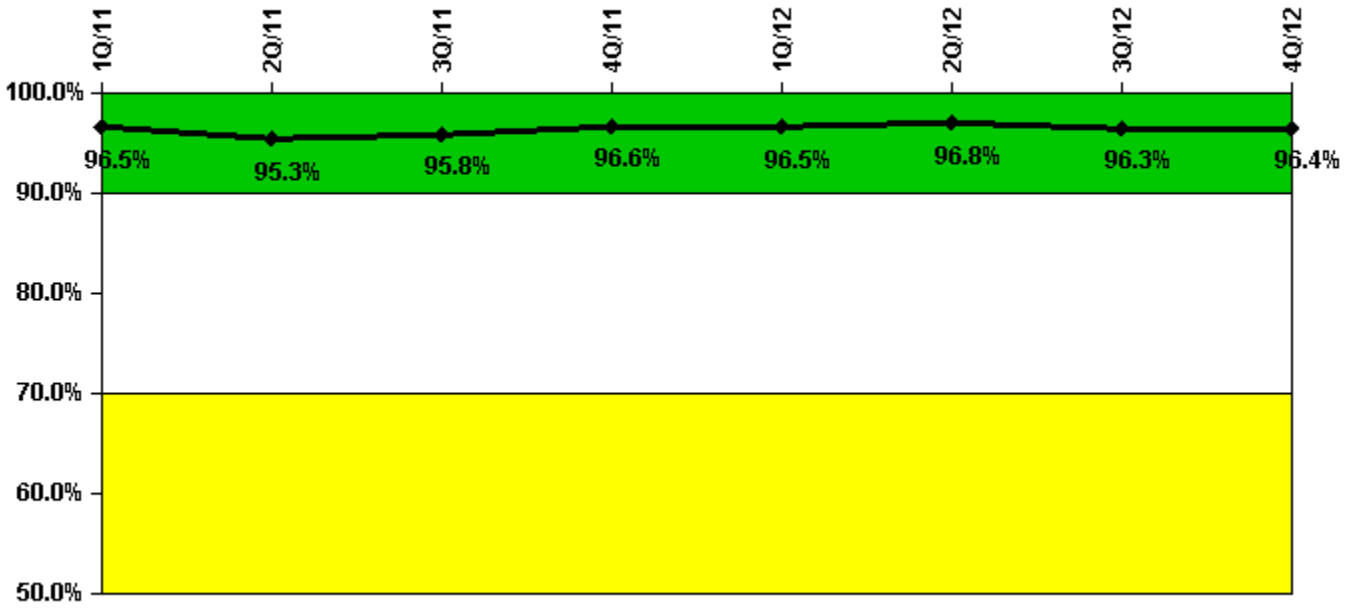
Reactor Coolant System Leakage	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11
Maximum leakage	1.350	1.360	1.440	N/A	1.770	1.770	1.790	1.770	1.790	1.690	1.730	1.730
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**4.5**	**4.5**	**4.8**	**N/A**	**5.9**	**5.9**	**6.0**	**5.9**	**6.0**	**5.6**	**5.8**	**5.8**

Reactor Coolant System Leakage	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	12/12
Maximum leakage	1.710	1.650	1.620	1.670	1.750	1.710	1.900	1.730	1.740	1.580	1.690	1.560
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**5.7**	**5.5**	**5.4**	**5.6**	**5.8**	**5.7**	**6.3**	**5.8**	**5.8**	**5.3**	**5.6**	**5.2**

Licensee Comments:

6/11: Unit 2 was in a Refueling Outage during the month of April

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

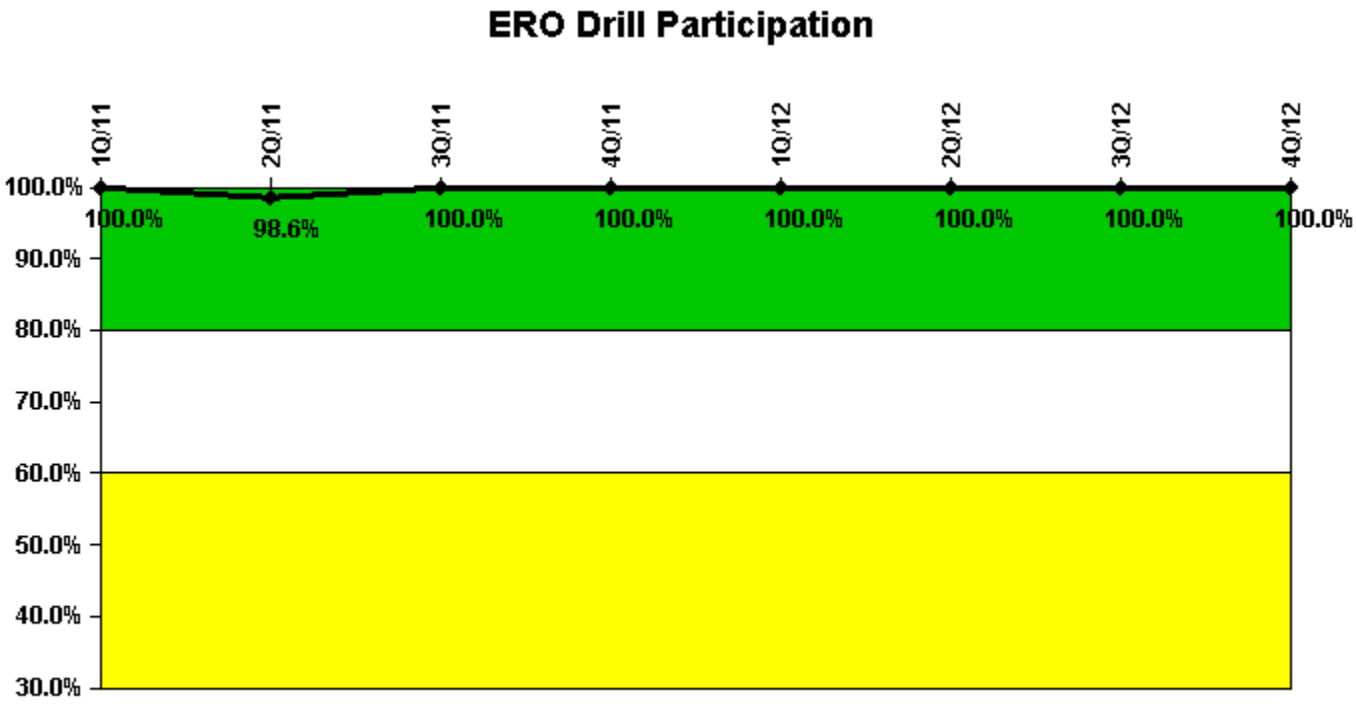
Notes

Drill/Exercise Performance	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Successful opportunities	6.0	30.0	27.0	20.0	10.0	70.0	61.0	14.0
Total opportunities	6.0	32.0	27.0	21.0	10.0	72.0	65.0	14.0
Indicator value	**96.5%**	**95.3%**	**95.8%**	**96.6%**	**96.5%**	**96.8%**	**96.3%**	**96.4%**

Licensee Comments:

3Q/11: During NRC EP Inspection, 10/31/11, did not have supporting documentation for drill DEP Opportunity, had to remove ERO participation credit for individuals involved and opportunities.

1Q/11: During NRC EP Inspections, 10/31/11, did not have supporting documentation for drill DEP Opportunity, had to remove ERO participation credit for individuals involved and opportunities.



Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Participating Key personnel	134.0	141.0	145.0	150.0	150.0	149.0	134.0	130.0
Total Key personnel	134.0	143.0	145.0	150.0	150.0	149.0	134.0	130.0
Indicator value	**100.0%**	**98.6%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments:

2Q/11: During NRC EP Inspection, 10/31/11, did not have supporting documentation for drill DEP Opportunity, had to remove ERO participation credit for individuals involved and Opportunities.

1Q/11: During NRC EP Inspectin, 10/31/11, did not have supporting doucmentation for drill DEP Opportunity, had to remove ERO participation credit for individuals involved and opportunities.

Alert & Notification System

Not applicable due to unique design characteristics. Performance in this area will be assessed through focused NRC inspection efforts.

Notes

Alert & Notification System	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Successful siren-tests								
Total sirens-tests								
Indicator value								

Licensee Comments:

4Q/12: Plant Hatch does not use sirens as an emergency notification system.

3Q/12: Plant Hatch does not use sirens as an emergency notification system.

2Q/12: Plant Hatch does not use sirens as an emergency notification system.

1Q/12: Plant Hatch does not use sirens as an emergency notifications system.

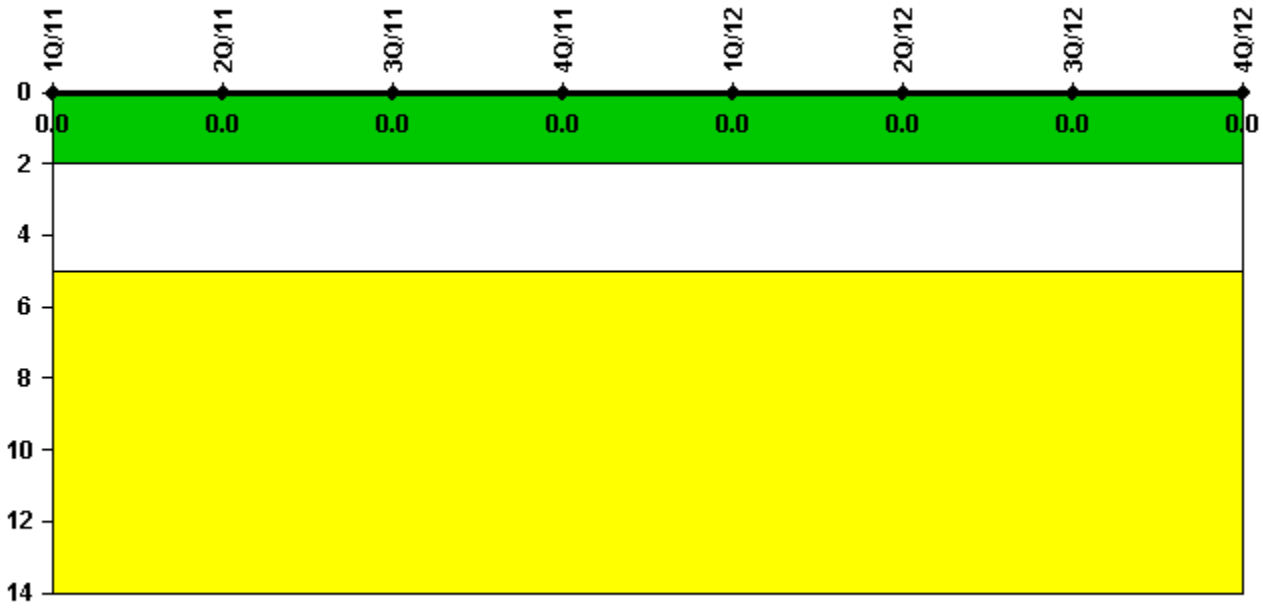
4Q/11: Plant Hatch does not use sirens as an emergency notification system.

3Q/11: Plant Hatch does not use sirens as an emergency notification system.

2Q/11: Plant Hatch does not use sirens as an emergency notification system.

1Q/11: Plant Hatch does not use sirens as an emergency notification system.

Occupational Exposure Control Effectiveness

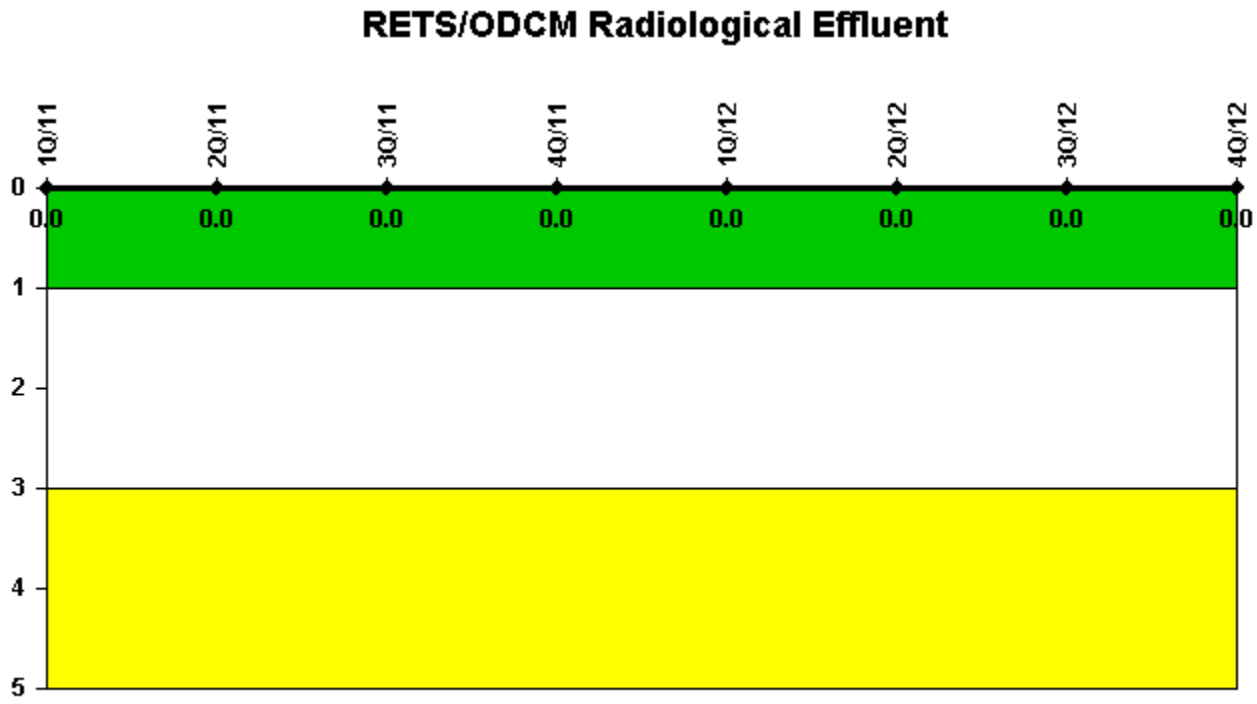


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
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	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
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: January 23, 2013