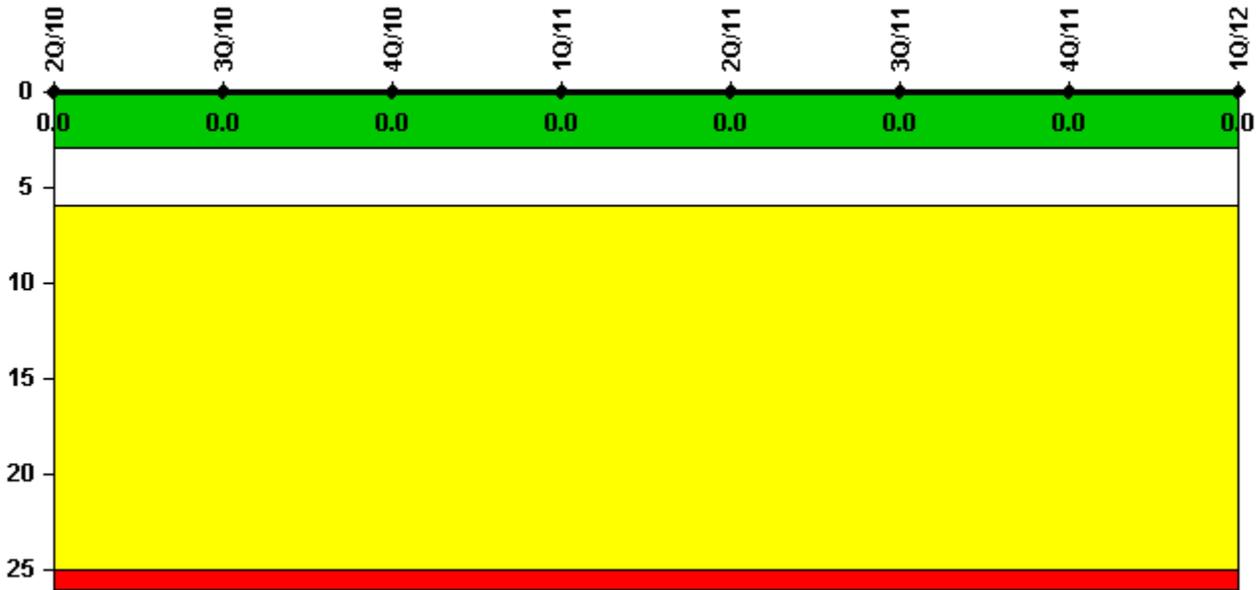


Hatch 1

1Q/2012 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



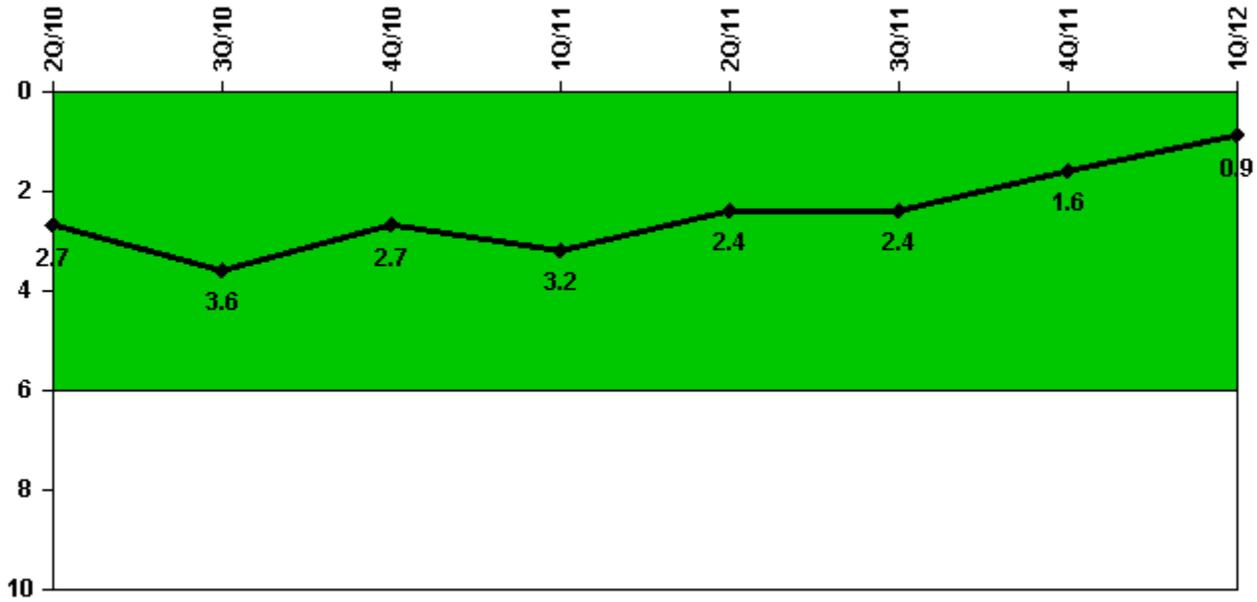
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2184.0	2208.0	2171.4	2159.0	2184.0	2208.0	2209.0	1342.3
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



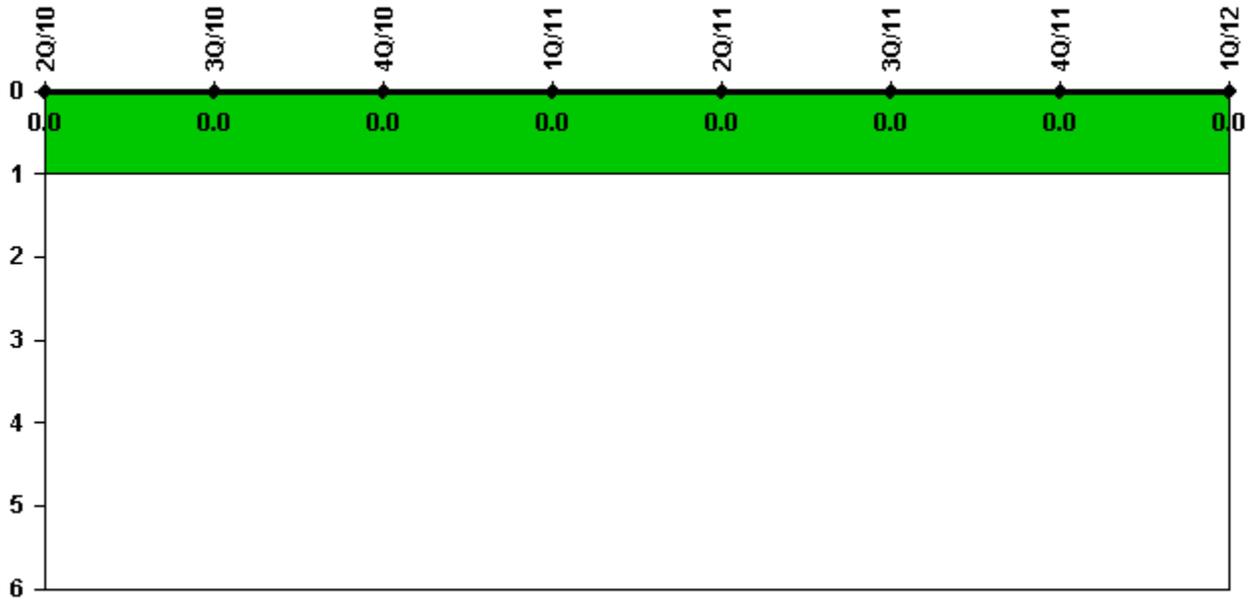
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Unplanned power changes	1.0	1.0	1.0	1.0	0	1.0	0	0
Critical hours	2184.0	2208.0	2171.4	2159.0	2184.0	2208.0	2209.0	1342.3
Indicator value	2.7	3.6	2.7	3.2	2.4	2.4	1.6	0.9

Licensee Comments: none

Unplanned Scrams with Complications



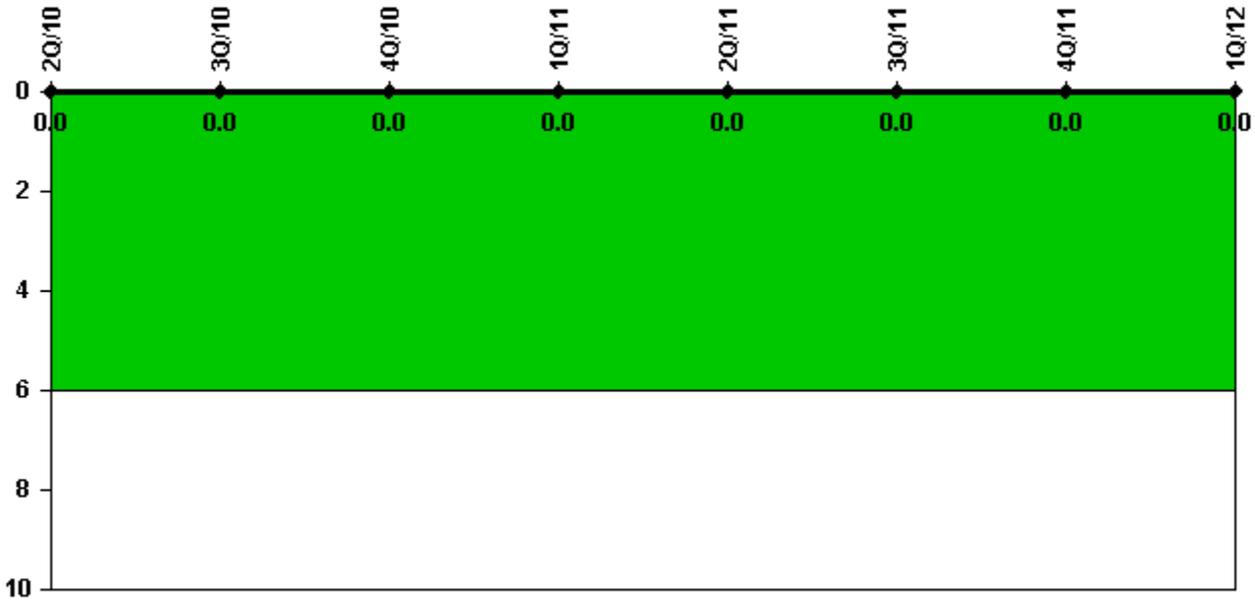
Thresholds: White > 1.0

Notes

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



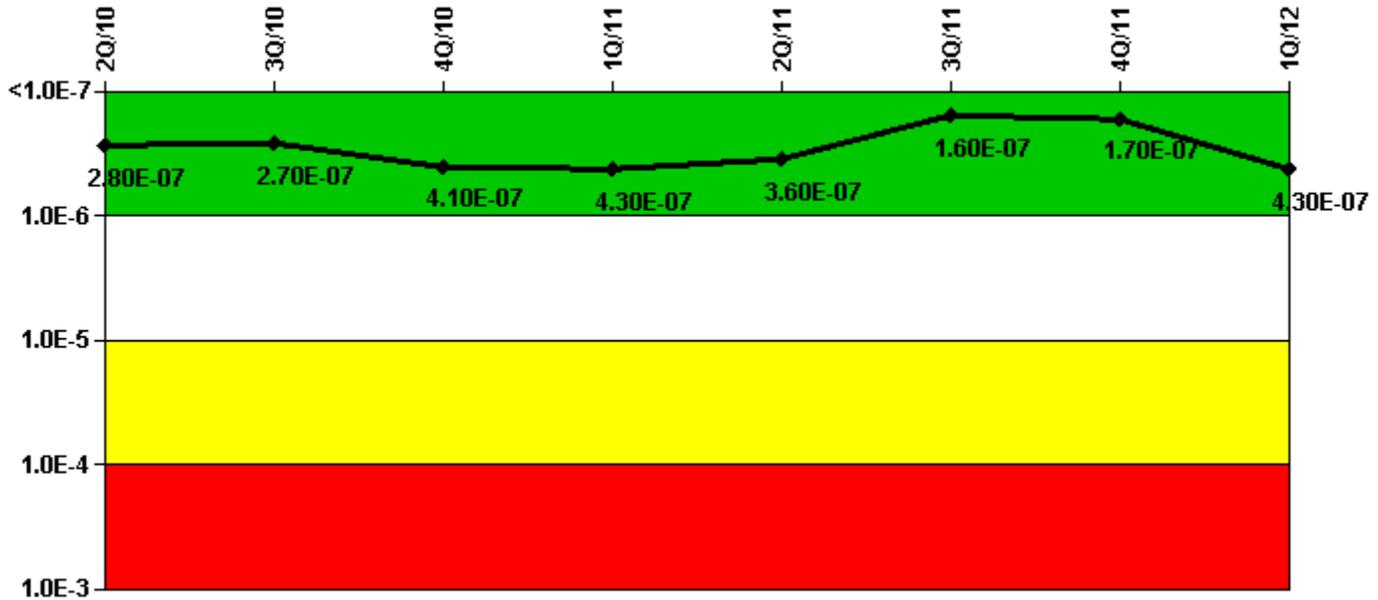
Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

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/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (Δ CDF)	5.57E-08	6.77E-08	1.40E-07	1.43E-07	8.35E-08	8.23E-08	8.15E-08	1.43E-07
URI (Δ CDF)	2.25E-07	2.06E-07	2.68E-07	2.86E-07	2.81E-07	7.94E-08	8.61E-08	2.85E-07
PLE	NO							
Indicator value	2.80E-07	2.70E-07	4.10E-07	4.30E-07	3.60E-07	1.60E-07	1.70E-07	4.30E-07

Licensee Comments:

1Q/12: 1C LOCA/LOSP LSFT Test - U1 in Mode 5 - 1C DG tripped locally. CR 421971 was generated to document failure. 1C EDG output breaker failed to close.

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.

4Q/10: Changed PRA Parameter(s). All PRA inputs were revised to reflect the Rev 4 PRA model (effective September 14, 2010), updated EDG mission time per Rev. 6 changes to NEI-99-02. These changes were incorporated into MSPI Basis Document, effective 12/28/2010.

3Q/10: Risk Cap Invoked.

2Q/10: 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

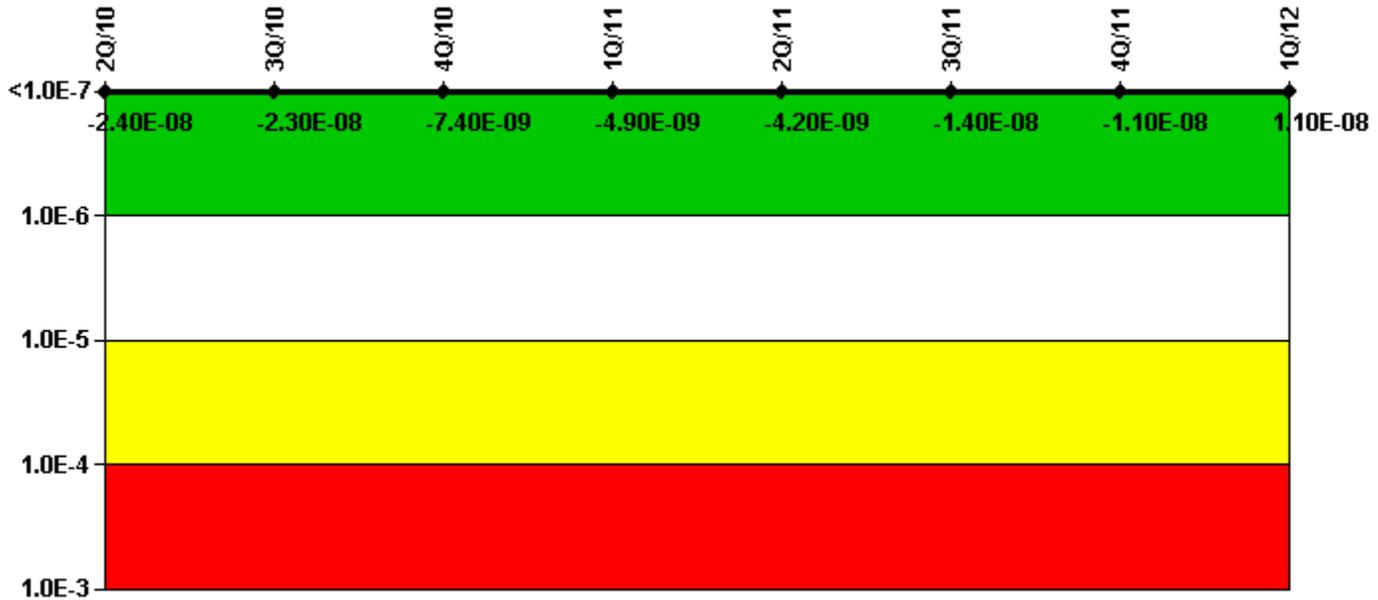
Mitigating Systems Performance Index, High Pressure Injection System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (Δ CDF)	1.55E-08	-1.09E-08	-6.03E-09	3.15E-09	1.09E-08	1.01E-08	3.93E-08	4.38E-08
URI (Δ CDF)	-7.04E-08	-6.85E-08	-4.08E-08	-3.94E-08	-3.93E-08	-3.94E-08	-3.83E-08	-3.97E-08
PLE	NO							
Indicator value	-5.50E-08	-7.90E-08	-4.70E-08	-3.60E-08	-2.80E-08	-2.90E-08	1.00E-09	4.10E-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.

4Q/10: Changed PRA Parameter(s). All PRA inputs were revised to reflect the Rev 4 PRA model (effective September 14, 2010), updated EDG mission time per Rev. 6 changes to NEI-99-02. These changes were incorporated into MSPI Basis Document, effective 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	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (Δ CDF)	4.60E-08	4.64E-08	8.26E-09	1.01E-08	1.03E-08	3.68E-10	1.90E-09	1.09E-08
URI (Δ CDF)	-6.96E-08	-6.96E-08	-1.56E-08	-1.50E-08	-1.45E-08	-1.44E-08	-1.32E-08	4.01E-11
PLE	NO	NO						
Indicator value	-2.40E-08	-2.30E-08	-7.40E-09	-4.90E-09	-4.20E-09	-1.40E-08	-1.10E-08	1.10E-08

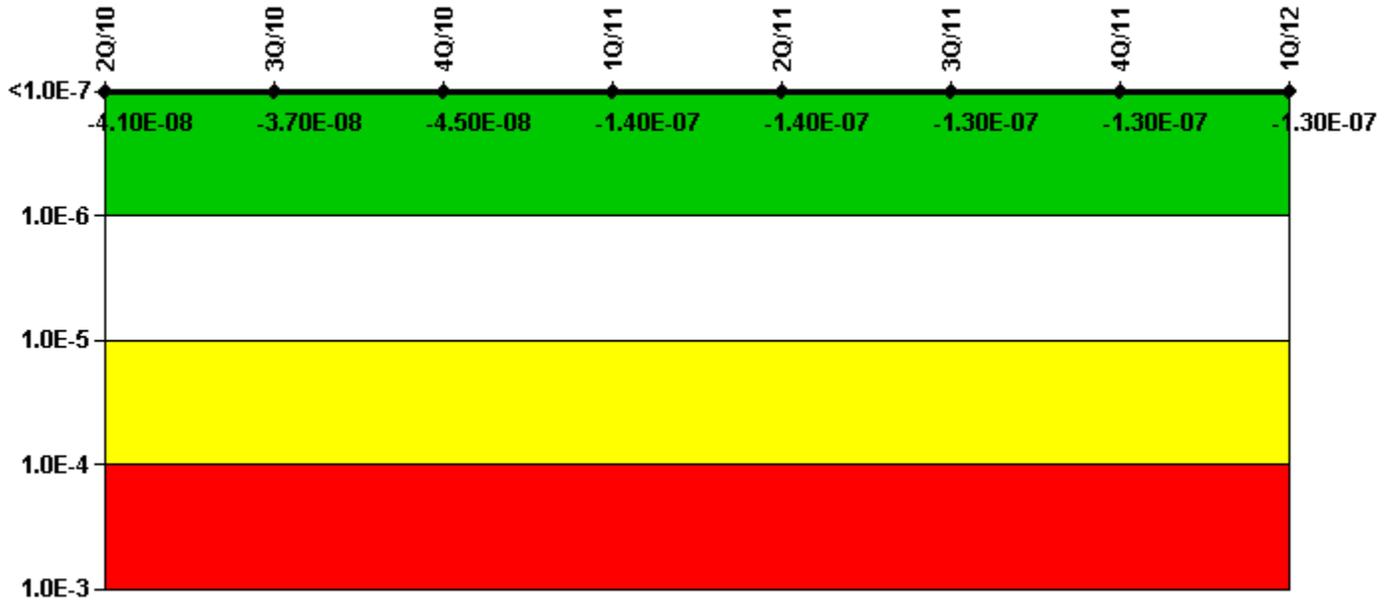
Licensee Comments:

1Q/12: CR 426064 was generated to document the 1E51F019 valve failing to open. U1 RCIC unavailability was due to troubleshooting the 1E51F019 valve. Also, CR403998 is under evaluation to determine if an MSPI failure of the 1E51F019 valve occurred.

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.

4Q/10: Changed PRA Parameter(s). All PRA inputs were revised to reflect the Rev 4 PRA model (effective September 14, 2010), updated EDG mission time per Rev. 6 changes to NEI-99-02. These changes were incorporated into MSPI Basis Document, effective 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	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (Δ CDF)	-1.13E-08	-1.13E-08	-1.88E-08	-1.88E-08	-1.88E-08	-9.66E-09	-9.74E-09	-8.28E-09
URI (Δ CDF)	-2.92E-08	-2.56E-08	-2.59E-08	-1.18E-07	-1.17E-07	-1.17E-07	-1.18E-07	-1.26E-07
PLE	NO							
Indicator value	-4.10E-08	-3.70E-08	-4.50E-08	-1.40E-07	-1.40E-07	-1.30E-07	-1.30E-07	-1.30E-07

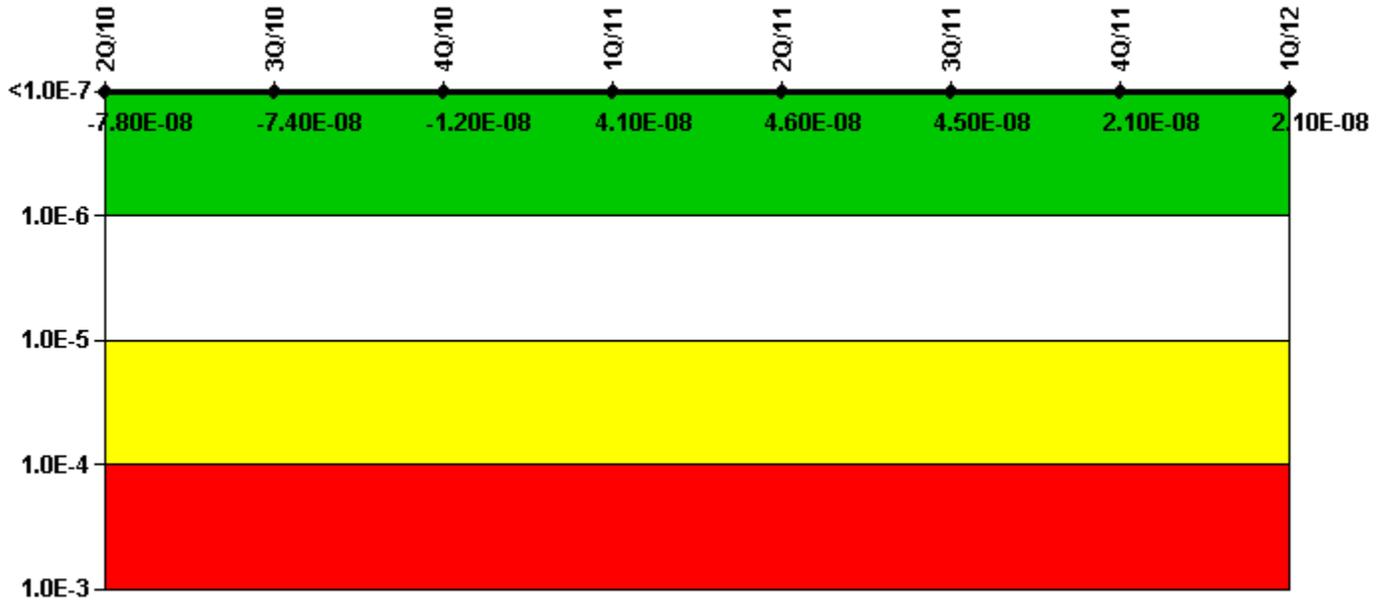
Licensee Comments:

4Q/11: Unplanned unavailability hours were changed due to the investigation of the hours. Previously hours showed up as unplanned, but were determined that unavailability hours were actually planned.

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.

4Q/10: Changed PRA Parameter(s). All PRA inputs were revised to reflect the Rev 4 PRA model (effective September 14, 2010), updated EDG mission time per Rev. 6 changes to NEI-99-02. These changes were incorporated into MSPI Basis Document, effective 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	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (Δ CDF)	-2.40E-10	2.95E-09	5.69E-08	1.07E-07	1.07E-07	1.07E-07	9.63E-08	1.02E-07
URI (Δ CDF)	-7.73E-08	-7.70E-08	-6.91E-08	-6.64E-08	-6.13E-08	-6.18E-08	-7.56E-08	-8.14E-08
PLE	NO							
Indicator value	-7.80E-08	-7.40E-08	-1.20E-08	4.10E-08	4.60E-08	4.50E-08	2.10E-08	2.10E-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.

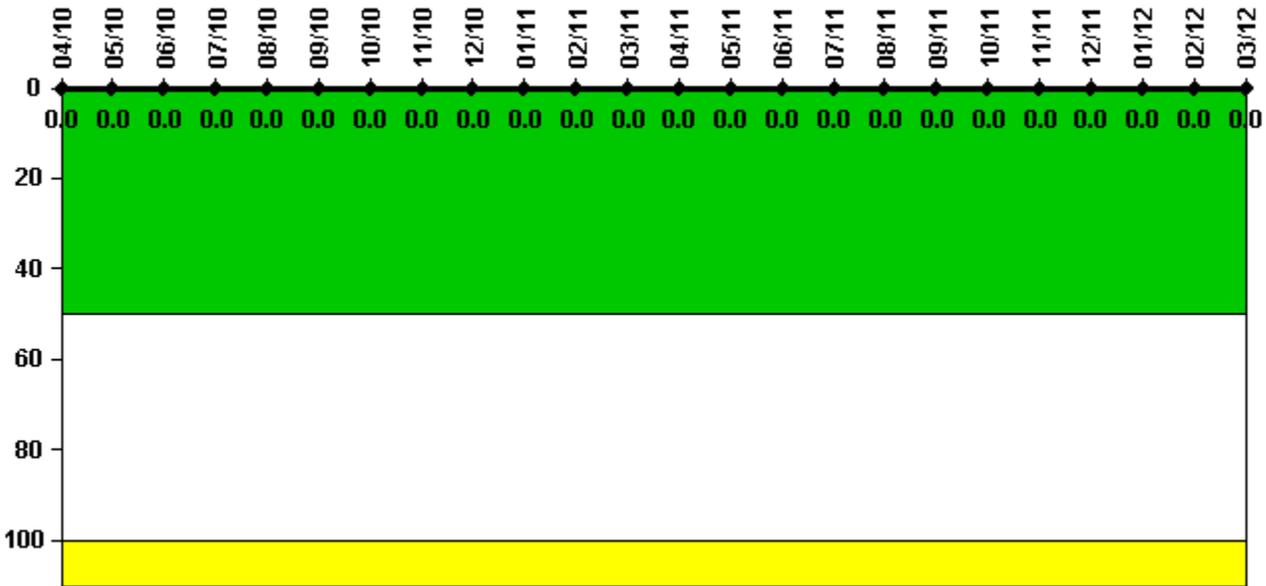
4Q/10: Changed PRA Parameter(s). All PRA inputs were revised to reflect the Rev 4 PRA model (effective September 14, 2010), updated EDG mission time per Rev. 6 changes to NEI-99-02. These changes were incorporated into MSPI Basis Document, effective 12/28/2010.

3Q/10: Changed PRA Parameter(s). One event under evaluation for 1P41C001A (reference CR2010112632 and AI2010204529) Update for change file: According to December 2008 Unit 1 Cooling Water Derivation Report, the FVUAP values for U1 RHRSW divisions 1 and 2 matched the corresponding values in Version C of MSPI Basis Document. Version D of MSPI Basis Document was signed on 12/31/2008. The January 2009 Unit 1 Cooling Water Derivation Report shows that the FVUAP value for U1 RHRSW division 1 is 7.22e-02, while Version D of the MSPI Basis Document shows that it should be 3.90e-02. The January 2009 Unit 1 Cooling Water Derivation Report shows that the FVUAP value for U1 RHRSW division 2 is 6.83e-03, while Version D of the MSPI Basis Document shows that it should be 7.22e-02. Values in Version E of the MSPI Basis Document went into effect October 2010. Thus, the FVUAP values for U1 RHRSW Division 1 and Division 2 were overridden from January 2009 through September 2010 to match the corresponding values in Version D in the Basis Document. This change did not affect the color of the indicator.

3Q/10: One event under evaluation for 1P41C001A (reference CR2010112632 and AI2010204529)

2Q/10: Changed PRA Parameter(s).

Reactor Coolant System Activity



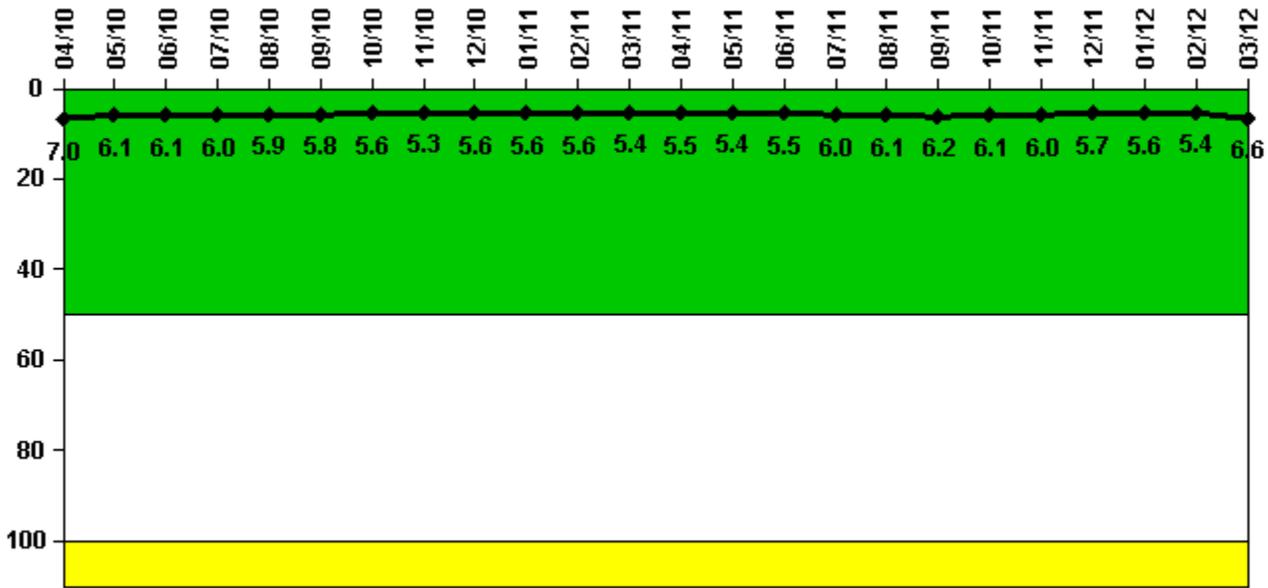
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11
Maximum activity	0.000003	0.000005	0.000005	0.000006	0.000004	0.000005	0.000003	0.000005	0.000006	0.000009	0.000005	0.000007
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	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12
Maximum activity	0.000008	0.000011	0.000008	0.000007	0.000010	0.000007	0.000007	0.000006	0.000007	0.000007	0.000004	0.000003
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

Reactor Coolant System Leakage



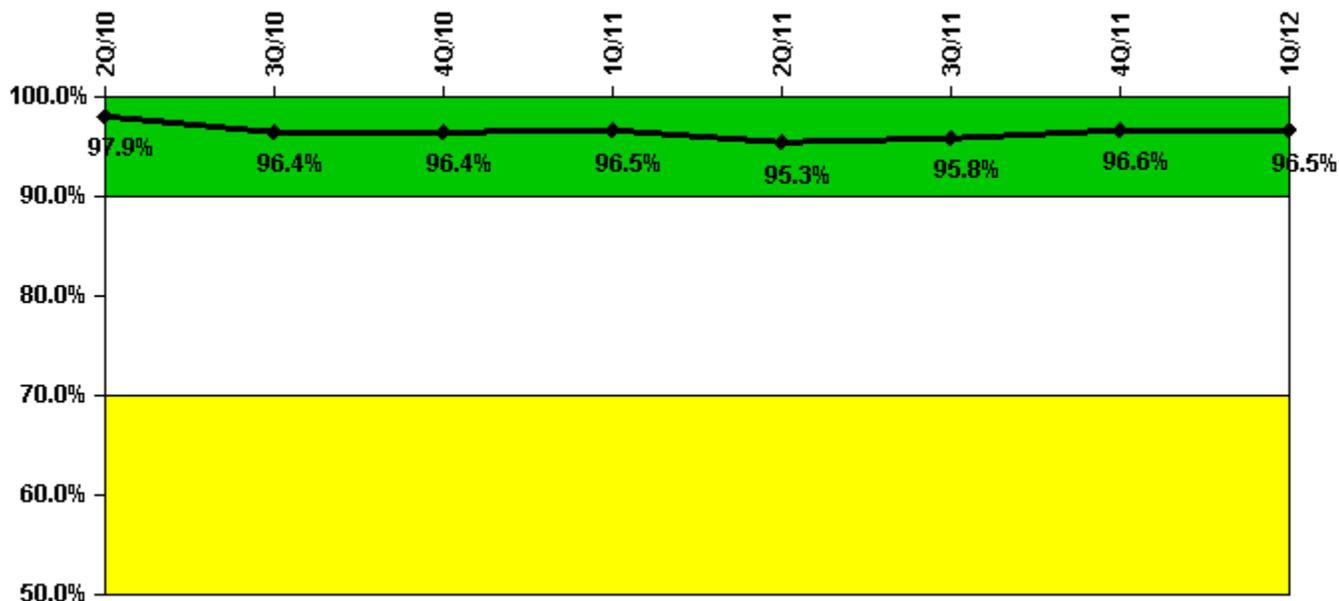
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11
Maximum leakage	2.090	1.820	1.840	1.790	1.780	1.740	1.670	1.600	1.680	1.690	1.680	1.630
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	7.0	6.1	6.1	6.0	5.9	5.8	5.6	5.3	5.6	5.6	5.6	5.4
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	1.640	1.630	1.640	1.810	1.840	1.870	1.840	1.800	1.710	1.670	1.610	1.980
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	5.5	5.4	5.5	6.0	6.1	6.2	6.1	6.0	5.7	5.6	5.4	6.6

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

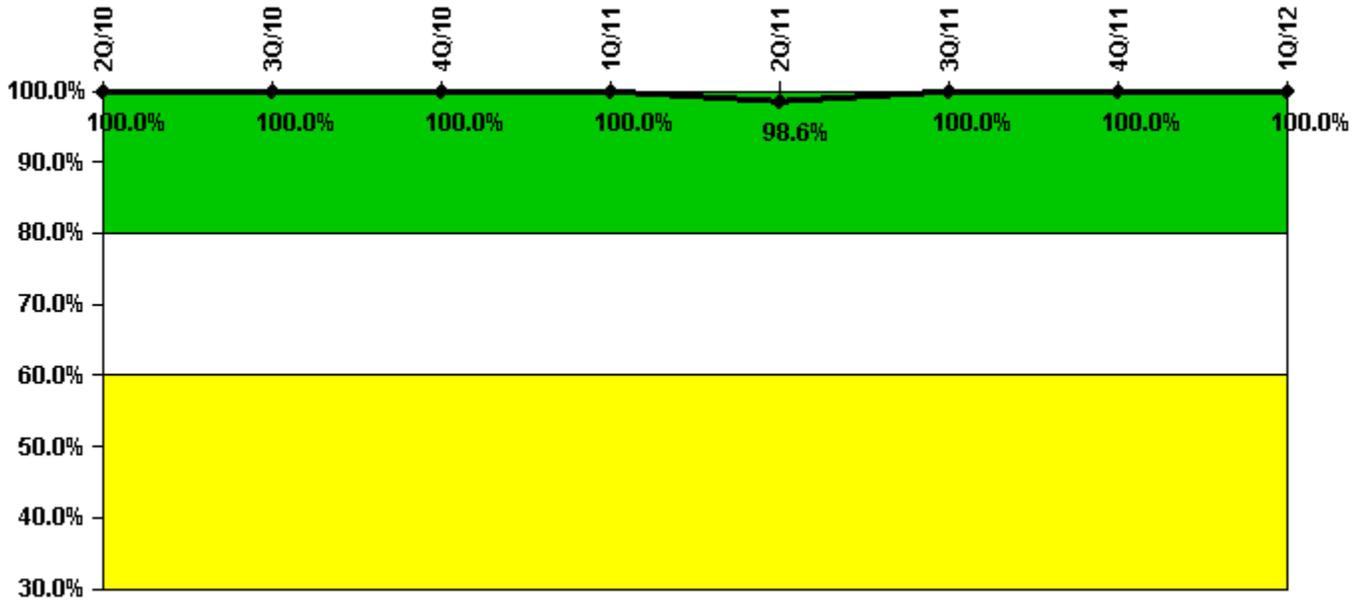
Drill/Exercise Performance	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Successful opportunities	27.0	38.0	8.0	6.0	30.0	27.0	20.0	10.0
Total opportunities	28.0	40.0	8.0	6.0	32.0	27.0	21.0	10.0
Indicator value	97.9%	96.4%	96.4%	96.5%	95.3%	95.8%	96.6%	96.5%

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

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Participating Key personnel	135.0	136.0	138.0	134.0	141.0	145.0	150.0	150.0
Total Key personnel	135.0	136.0	138.0	134.0	143.0	145.0	150.0	150.0
Indicator value	100.0%	100.0%	100.0%	100.0%	98.6%	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 Inspection, 10/31/11, did not have supporting documentation 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	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Successful siren-tests								
Total sirens-tests								
Indicator value								

Licensee Comments:

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

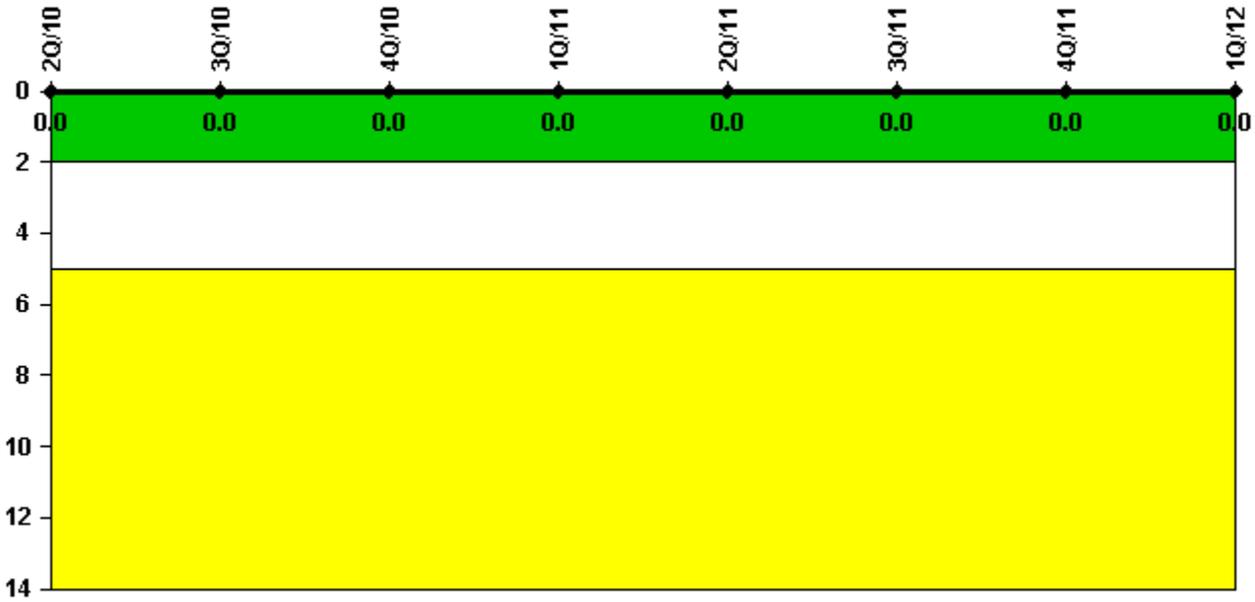
1Q/11: Plant Hatch does not use sirens as an emergency notification system.

4Q/10: Plant Hatch does not use sirens as an emergency notification system.

3Q/10: Plant Hatch does not use sirens as an emergency notification system.

2Q/10: Plant Hatch does not use sirens as an emergency notification system.

Occupational Exposure Control Effectiveness



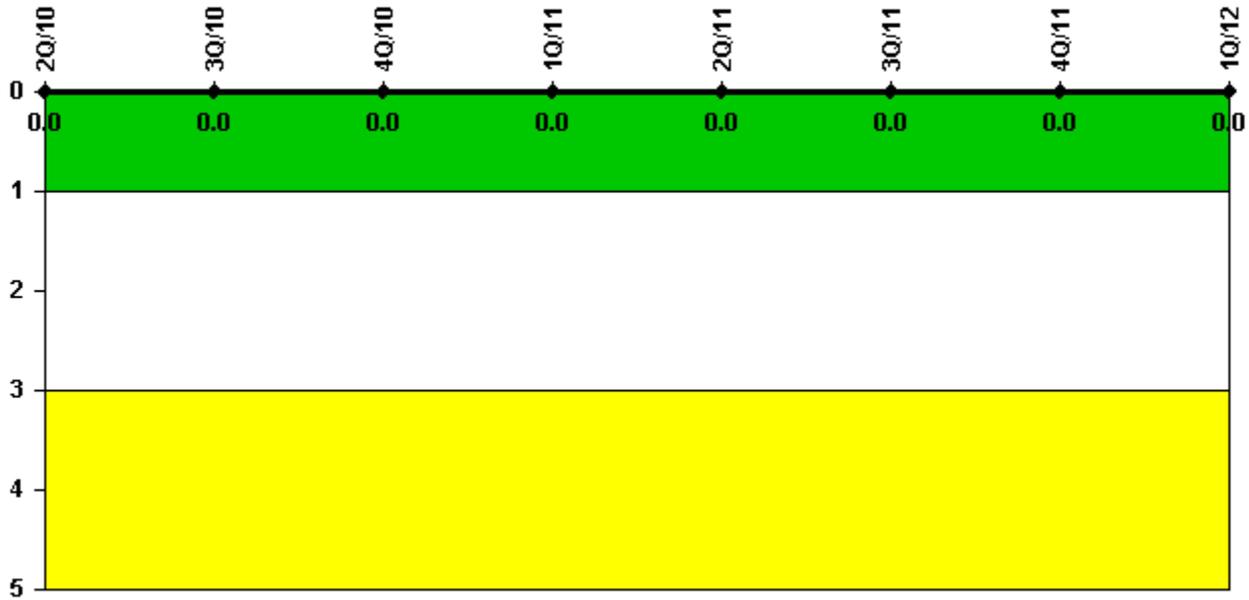
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/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

[Security](#) information not publicly available.