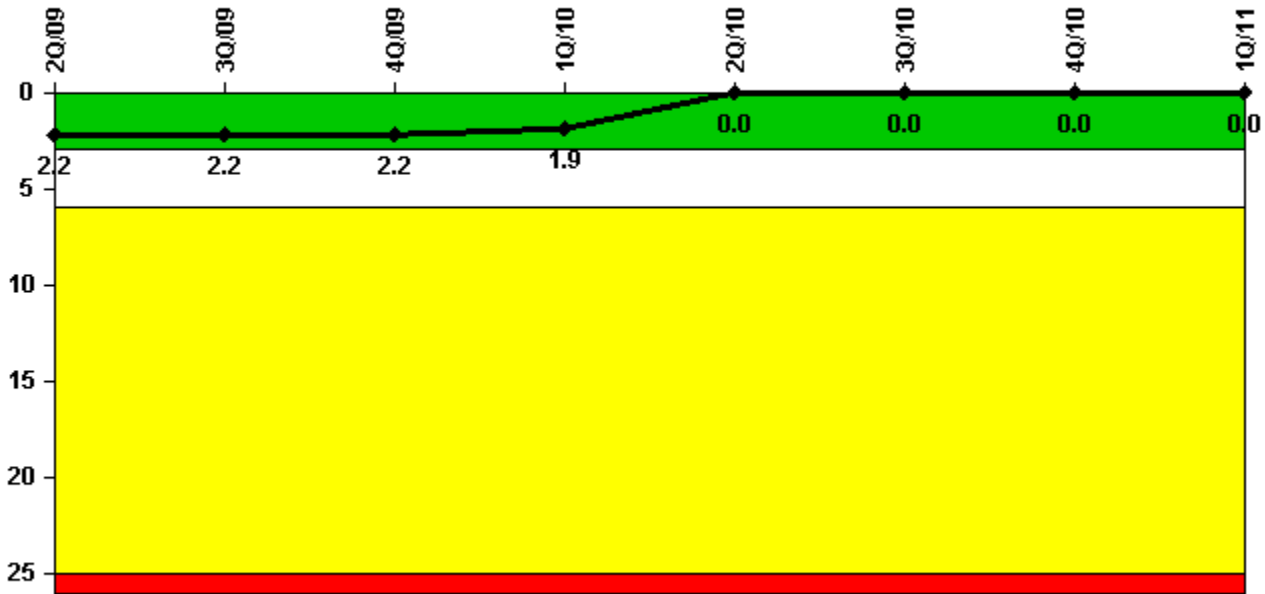


Hatch 2

1Q/2011 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



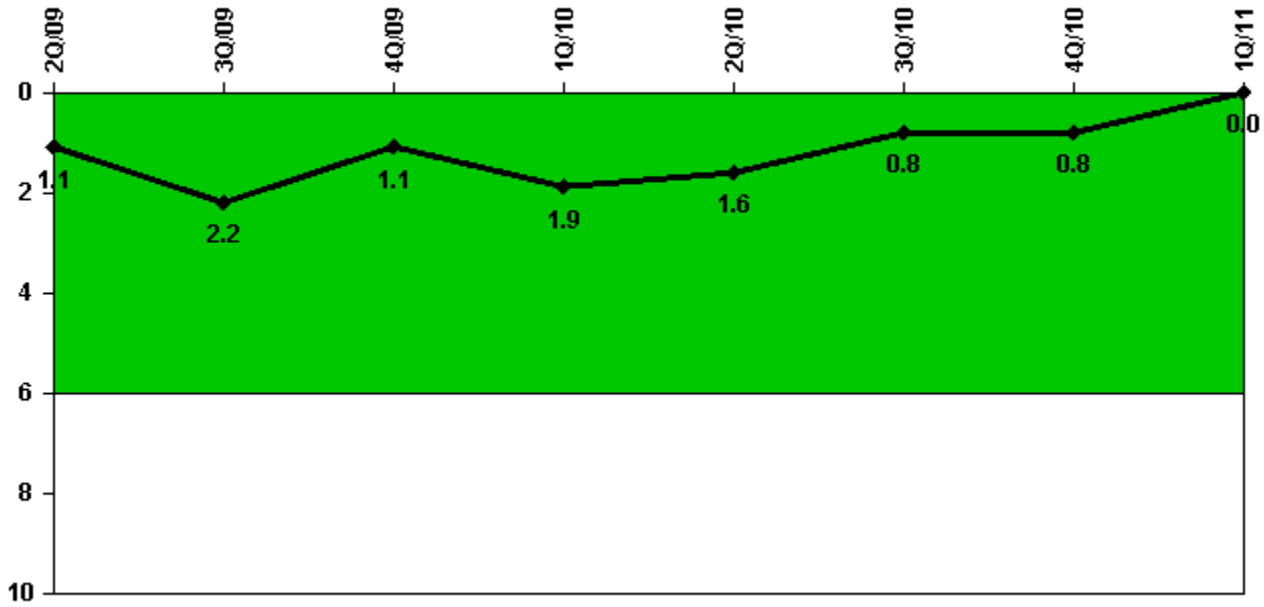
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Unplanned scrams	2.0	0	0	0	0	0	0	0
Critical hours	877.2	2208.0	2209.0	2159.0	1925.1	2208.0	2209.0	2065.1
Indicator value	2.2	2.2	2.2	1.9	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/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Unplanned power changes	0	1.0	0	1.0	0	0	0	0
Critical hours	877.2	2208.0	2209.0	2159.0	1925.1	2208.0	2209.0	2065.1
Indicator value	1.1	2.2	1.1	1.9	1.6	0.8	0.8	0

Licensee Comments: none

Unplanned Scrams with Complications



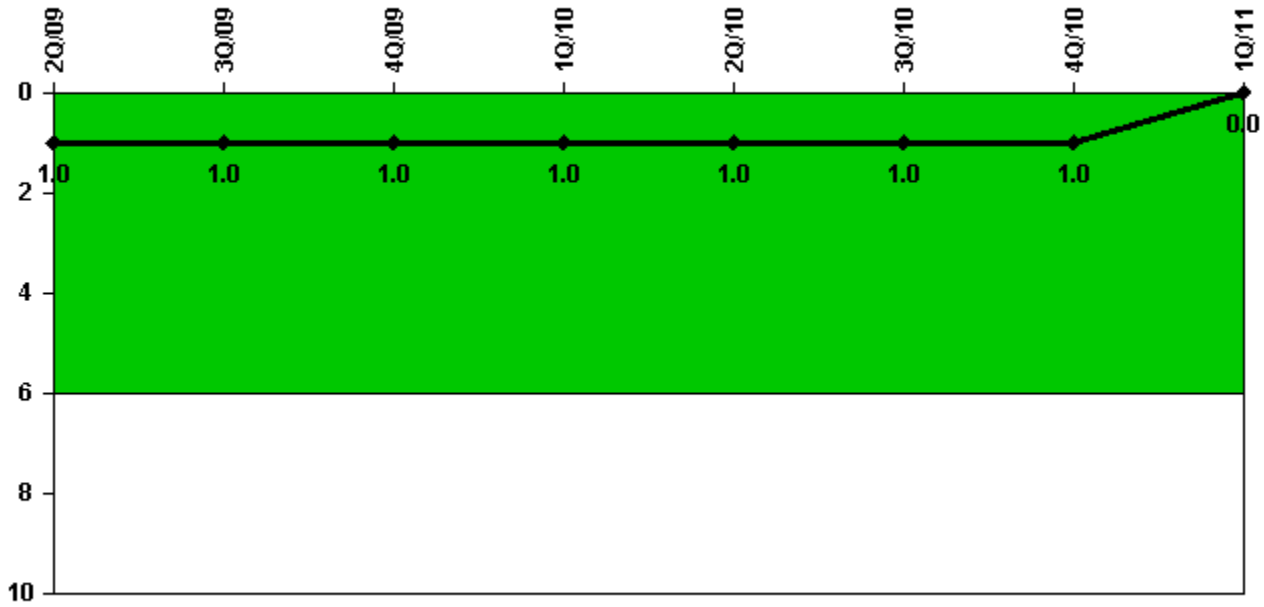
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/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 (BWR)



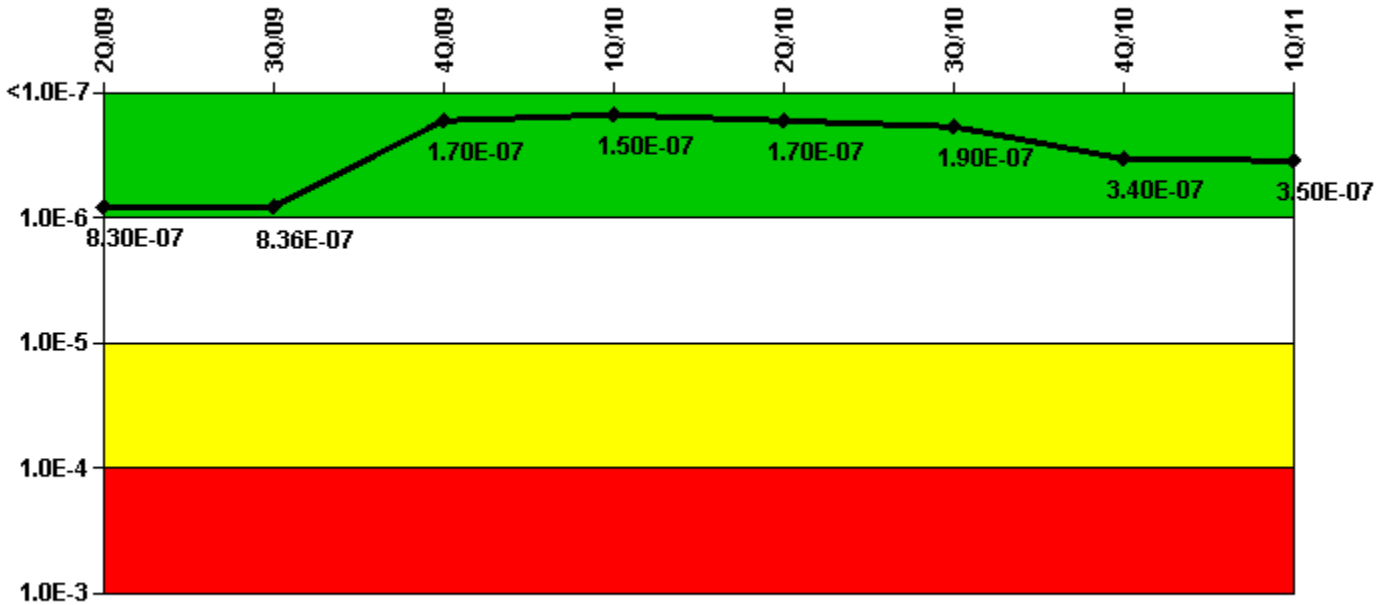
Thresholds: White > 6.0

Notes

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

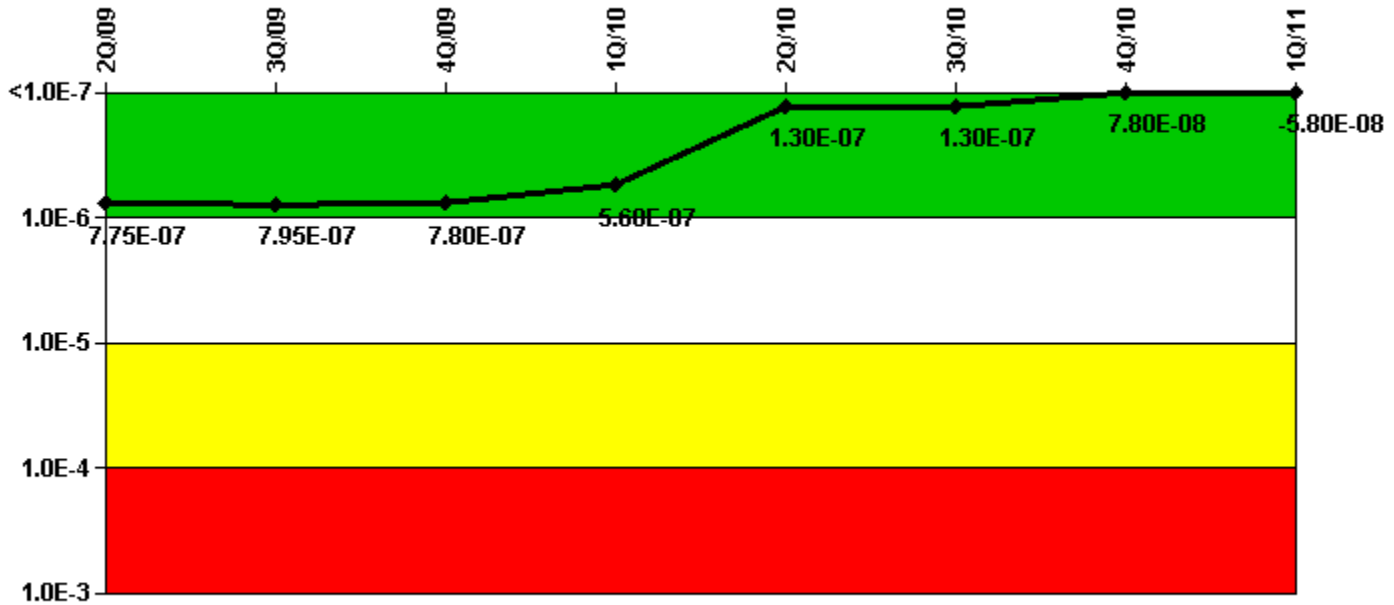
Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (Δ CDF)	6.00E-08	6.60E-08	8.56E-08	8.26E-08	9.03E-08	1.32E-07	2.07E-07	2.22E-07
URI (Δ CDF)	7.70E-07	7.70E-07	8.04E-08	7.13E-08	7.51E-08	5.79E-08	1.35E-07	1.30E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	8.30E-07	8.36E-07	1.70E-07	1.50E-07	1.70E-07	1.90E-07	3.40E-07	3.50E-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

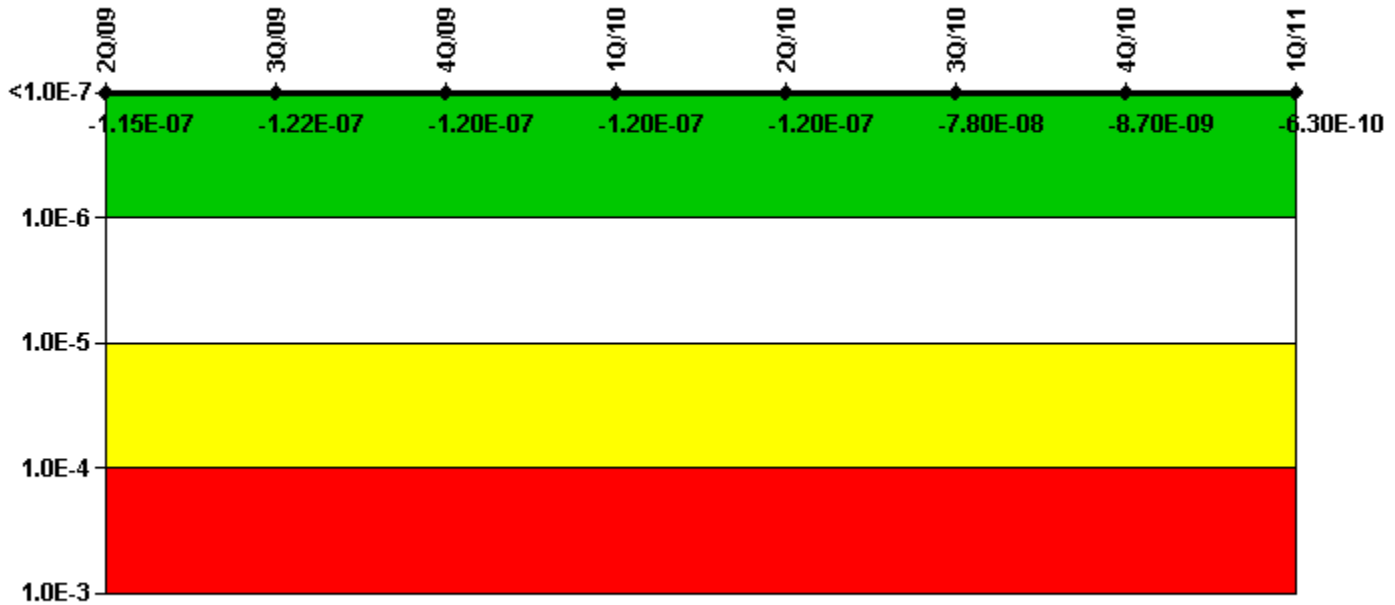
Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (Δ CDF)	-4.80E-09	-4.80E-09	-4.81E-09	-1.40E-08	-2.62E-08	-2.62E-08	-1.46E-08	-2.24E-08
URI (Δ CDF)	7.80E-07	8.00E-07	7.82E-07	5.70E-07	1.52E-07	1.52E-07	9.27E-08	-3.61E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	7.75E-07	7.95E-07	7.80E-07	5.60E-07	1.30E-07	1.30E-07	7.80E-08	-5.80E-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

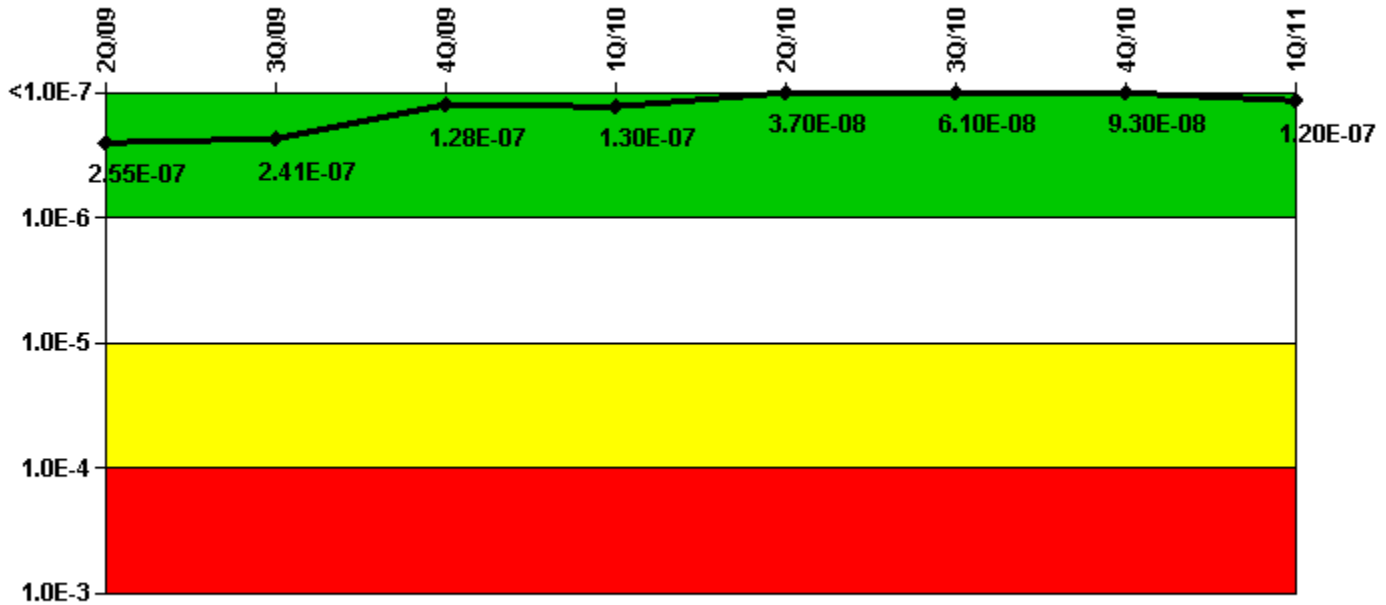
Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (Δ CDF)	-3.20E-08	-4.00E-08	-3.95E-08	-3.96E-08	-3.96E-08	5.54E-09	1.01E-08	1.51E-08
URI (Δ CDF)	-8.30E-08	-8.20E-08	-8.15E-08	-7.91E-08	-7.92E-08	-8.34E-08	-1.88E-08	-1.57E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.15E-07	-1.22E-07	-1.20E-07	-1.20E-07	-1.20E-07	-7.80E-08	-8.70E-09	-6.30E-10

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

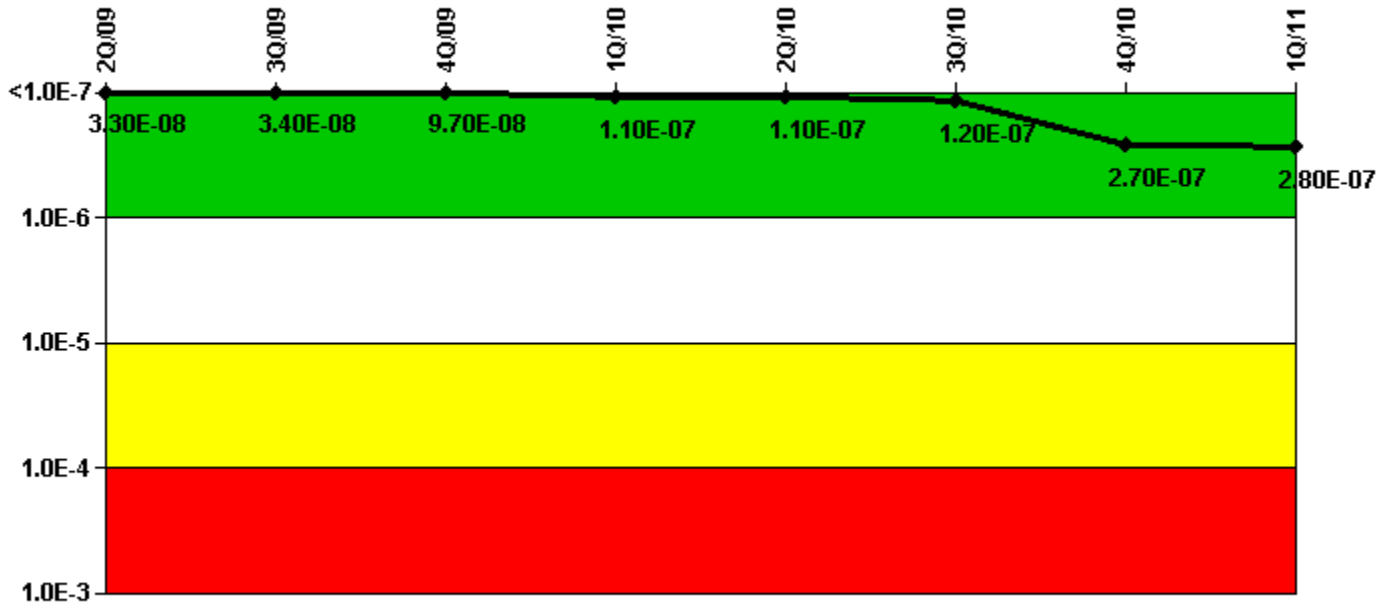
Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (Δ CDF)	2.50E-08	1.10E-08	-2.20E-09	-3.80E-09	8.17E-09	3.29E-08	5.86E-08	6.81E-08
URI (Δ CDF)	2.30E-07	2.30E-07	1.30E-07	1.34E-07	2.89E-08	2.82E-08	3.47E-08	4.73E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.55E-07	2.41E-07	1.28E-07	1.30E-07	3.70E-08	6.10E-08	9.30E-08	1.20E-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, 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/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (ΔCDF)	6.00E-08	6.04E-08	6.27E-08	6.72E-08	6.57E-08	6.63E-08	1.40E-07	1.41E-07
URI (ΔCDF)	-2.71E-08	-2.61E-08	3.46E-08	4.41E-08	4.64E-08	4.87E-08	1.32E-07	1.37E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.30E-08	3.40E-08	9.70E-08	1.10E-07	1.10E-07	1.20E-07	2.70E-07	2.80E-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.

3Q/10: Changed PRA Parameter(s). Update for change file: Version D of the Basis Document shows that the FVUAP values for Unit 2 RHRSW divisions 1 and 2 should be 3.90e-02 and 7.22e-02, respectively. However, the January Unit 2 Cooling Water Derivation Report shows that the FVUAP values for U2 RHRSW divisions 1 and 2 are still Version C values. Since the values in Version E of the Basis Document went into effect October 2010, the FVUAP values were overridden from January 2009 through September 2010 for U2 RHRSW Divisions 1 and 2 to be 3.90e-02 and 7.22e-02, as described in Version D of the Basis. This change did not affect the color of the indicator.

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

1Q/10: Changed PRA Parameter(s).

4Q/09: Changed PRA Parameter(s).

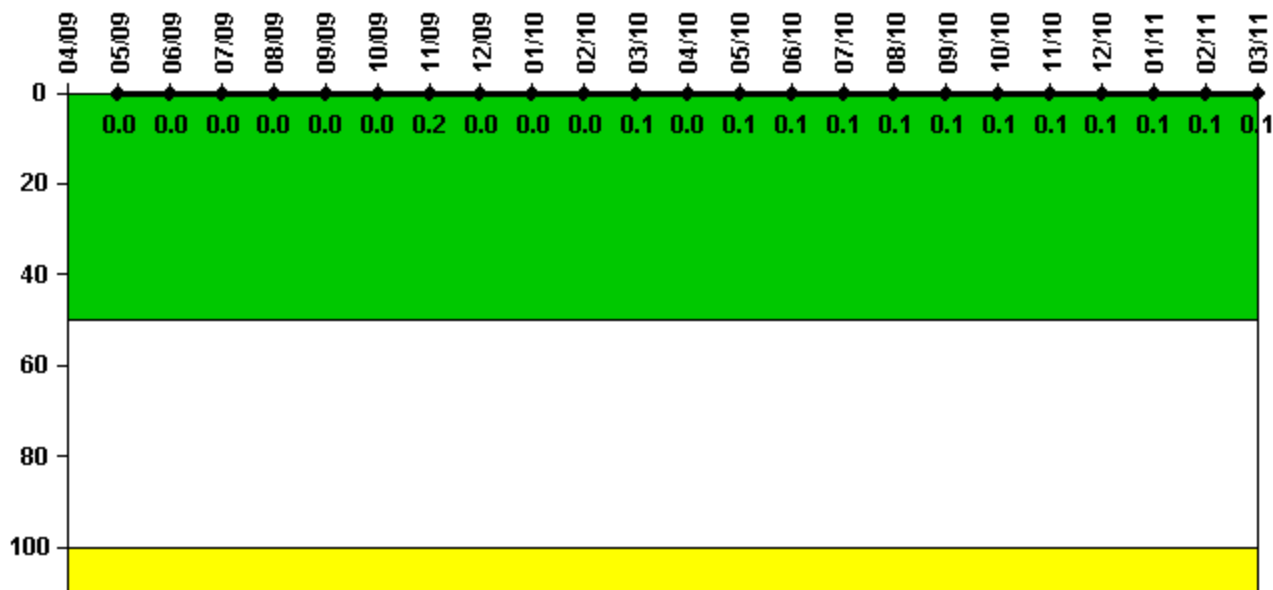
3Q/09: Changed PRA Parameter(s).

2Q/09: Changed PRA Parameter(s).

1Q/09: Changed PRA Parameter(s). CDF and the PRA importance coefficients for all monitored components for

both units were updated in CDE per update to the plant specific PRA (Revision 3) in December 2008.

Reactor Coolant System Activity



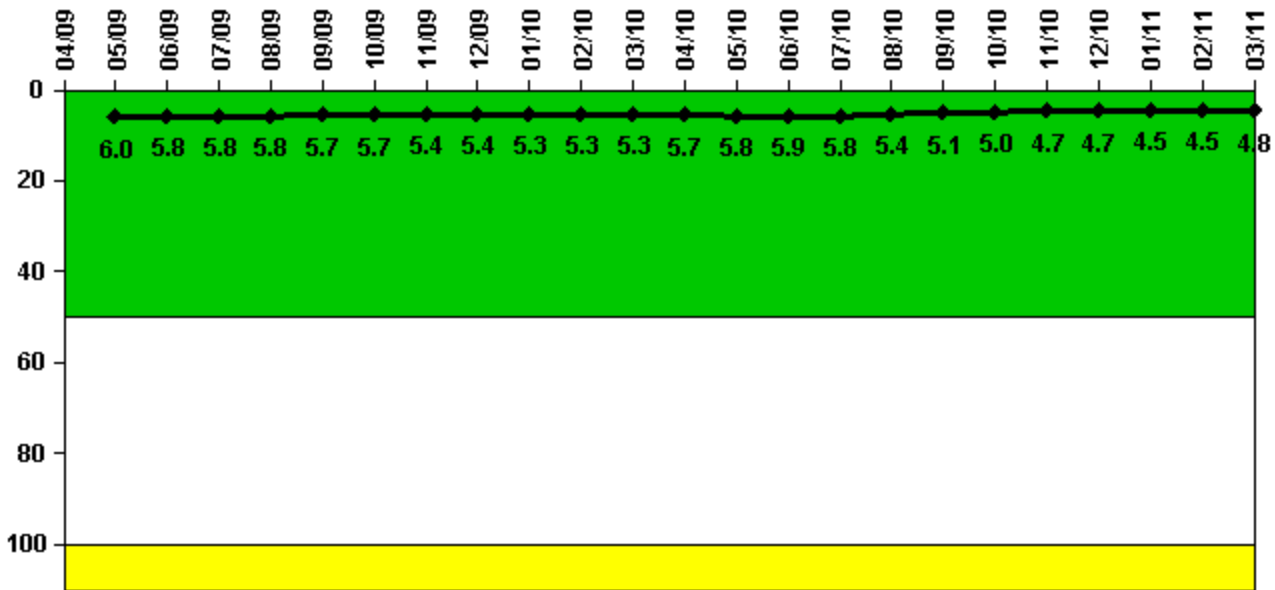
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10
Maximum activity	N/A	0.000001	0.000003	0.000005	0.000004	0.000004	0.000002	0.000356	0.000031	0.000051	0.000085	0.000124
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	N/A	0	0	0	0	0	0	0.2	0	0	0	0.1
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	0.000075	0.000125	0.000113	0.000127	0.000143	0.000143	0.000136	0.000128	0.000126	0.000121	0.000115	0.000111
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	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



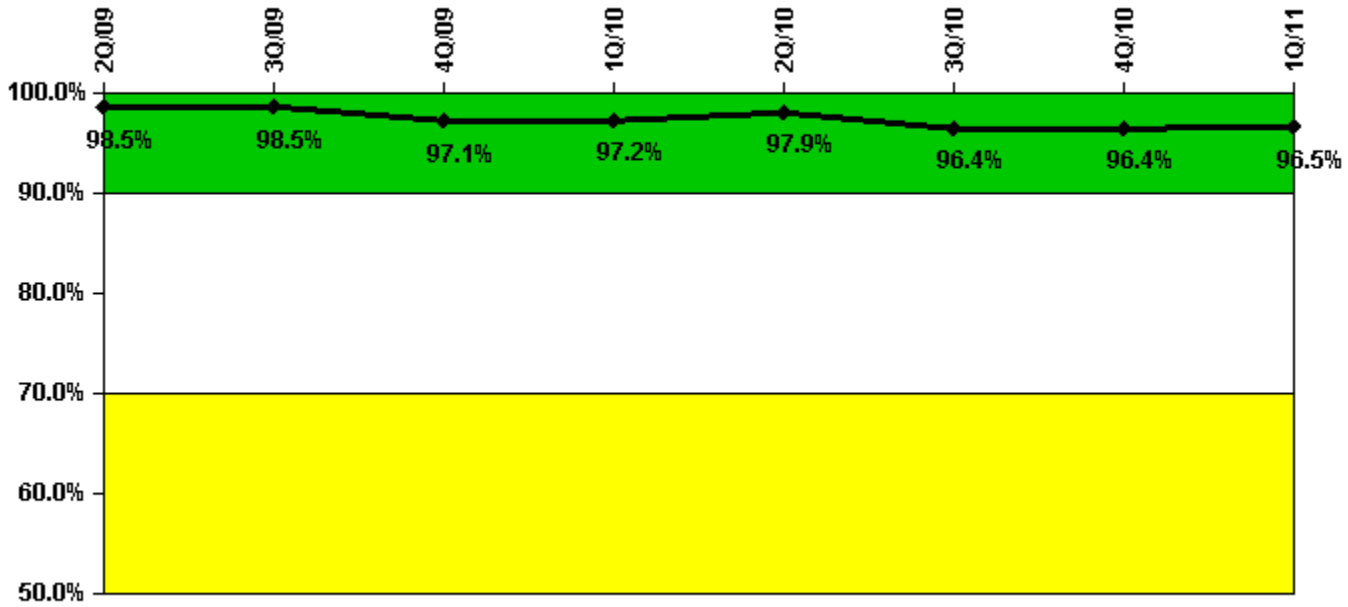
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10
Maximum leakage	N/A	1.810	1.740	1.740	1.740	1.710	1.700	1.630	1.610	1.600	1.580	1.600
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	N/A	6.0	5.8	5.8	5.8	5.7	5.7	5.4	5.4	5.3	5.3	5.3
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	1.720	1.750	1.770	1.740	1.610	1.520	1.500	1.420	1.420	1.350	1.360	1.440
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	5.8	5.9	5.8	5.4	5.1	5.0	4.7	4.7	4.5	4.5	4.8

Licensee Comments: none

Drill/Exercise Performance



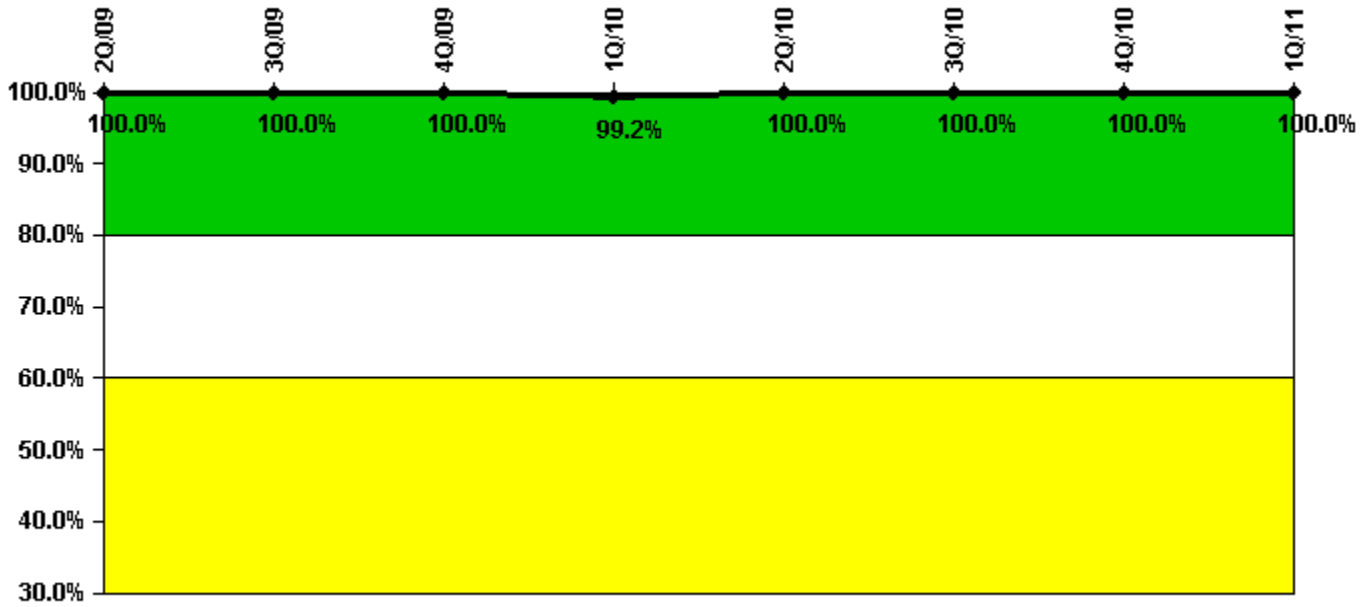
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Successful opportunities	23.0	10.0	12.0	12.0	27.0	38.0	8.0	8.0
Total opportunities	23.0	10.0	14.0	12.0	28.0	40.0	8.0	8.0
Indicator value	98.5%	98.5%	97.1%	97.2%	97.9%	96.4%	96.4%	96.5%

Licensee Comments: none

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Participating Key personnel	132.0	136.0	134.0	129.0	135.0	136.0	138.0	136.0
Total Key personnel	132.0	136.0	134.0	130.0	135.0	136.0	138.0	136.0
Indicator value	100.0%	100.0%	100.0%	99.2%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

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/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Successful siren-tests								
Total sirens-tests								
Indicator value								

Licensee Comments:

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	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/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	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/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.