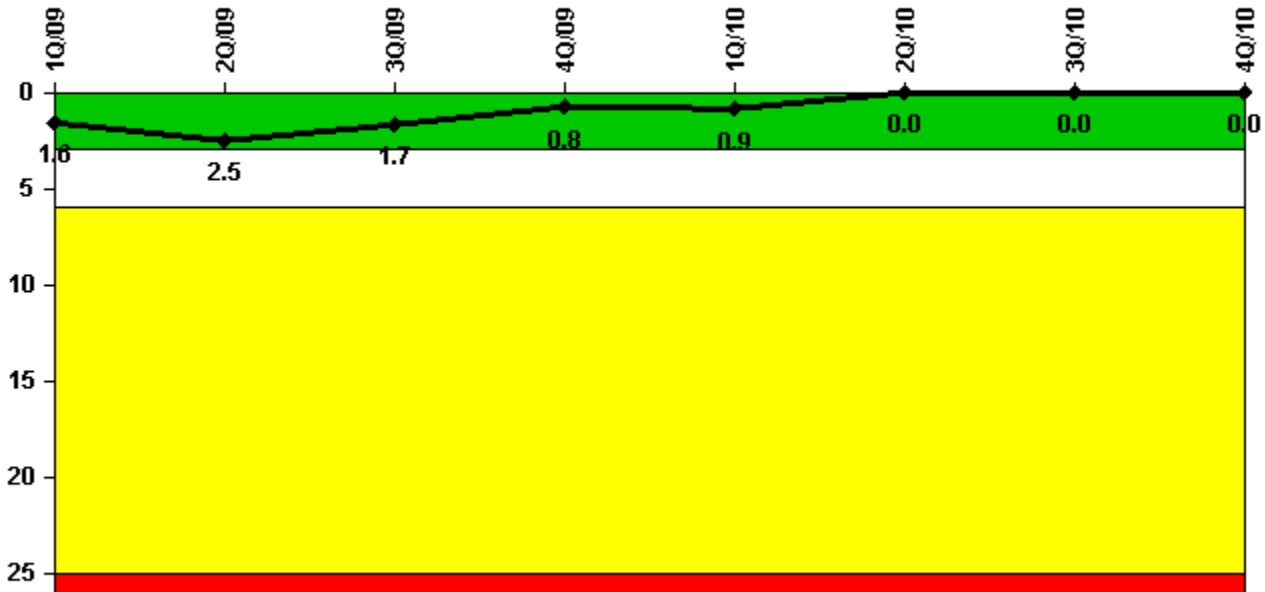


Hatch 1

4Q/2010 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



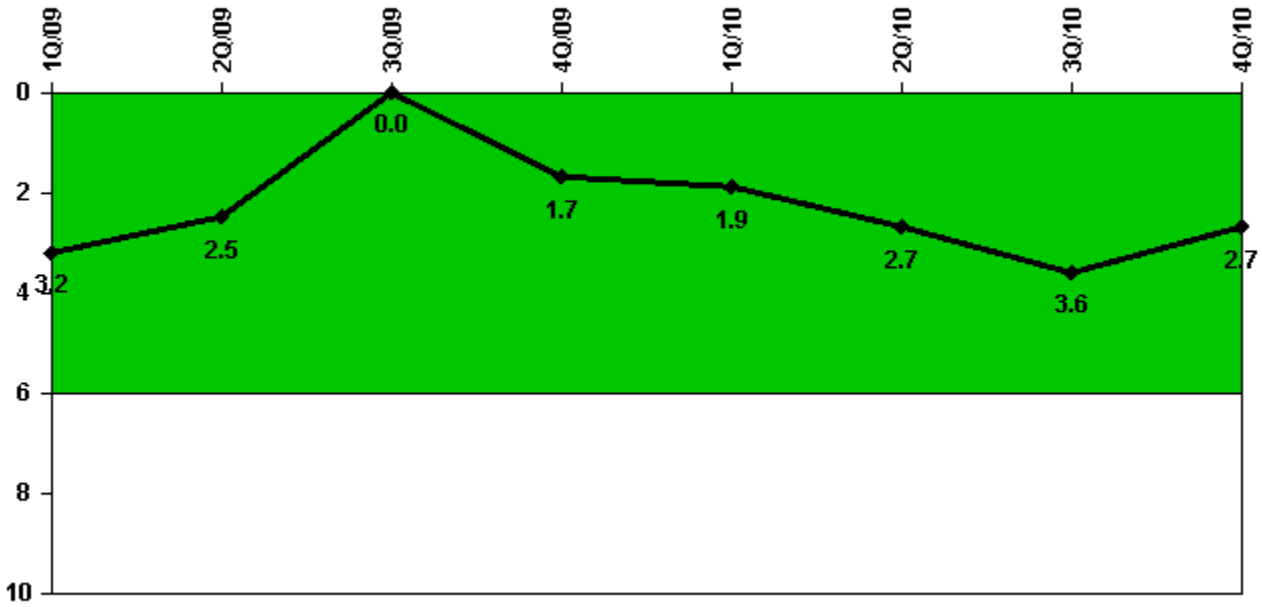
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Unplanned scrams	0	1.0	0	0	0	0	0	0
Critical hours	2159.0	1777.9	2208.0	2209.0	1228.7	2184.0	2208.0	2171.4
Indicator value	1.6	2.5	1.7	0.8	0.9	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	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Unplanned power changes	0	0	0	2.0	0	1.0	1.0	1.0
Critical hours	2159.0	1777.9	2208.0	2209.0	1228.7	2184.0	2208.0	2171.4
Indicator value	3.2	2.5	0	1.7	1.9	2.7	3.6	2.7

Licensee Comments: none

Unplanned Scrams with Complications



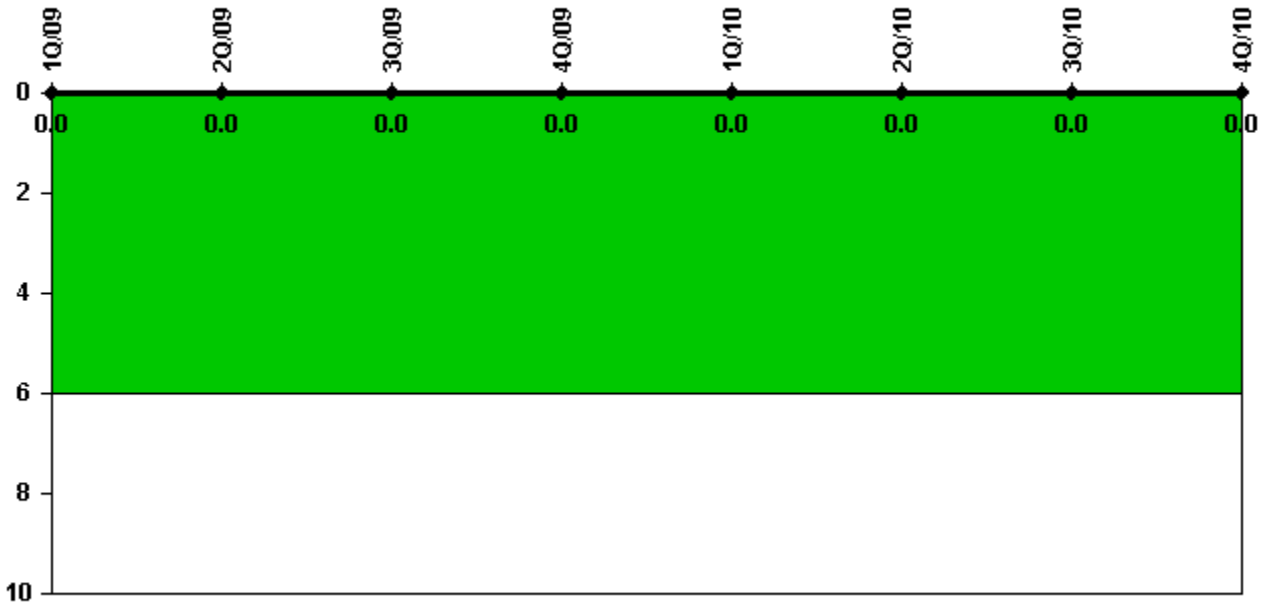
Thresholds: White > 1.0

Notes

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



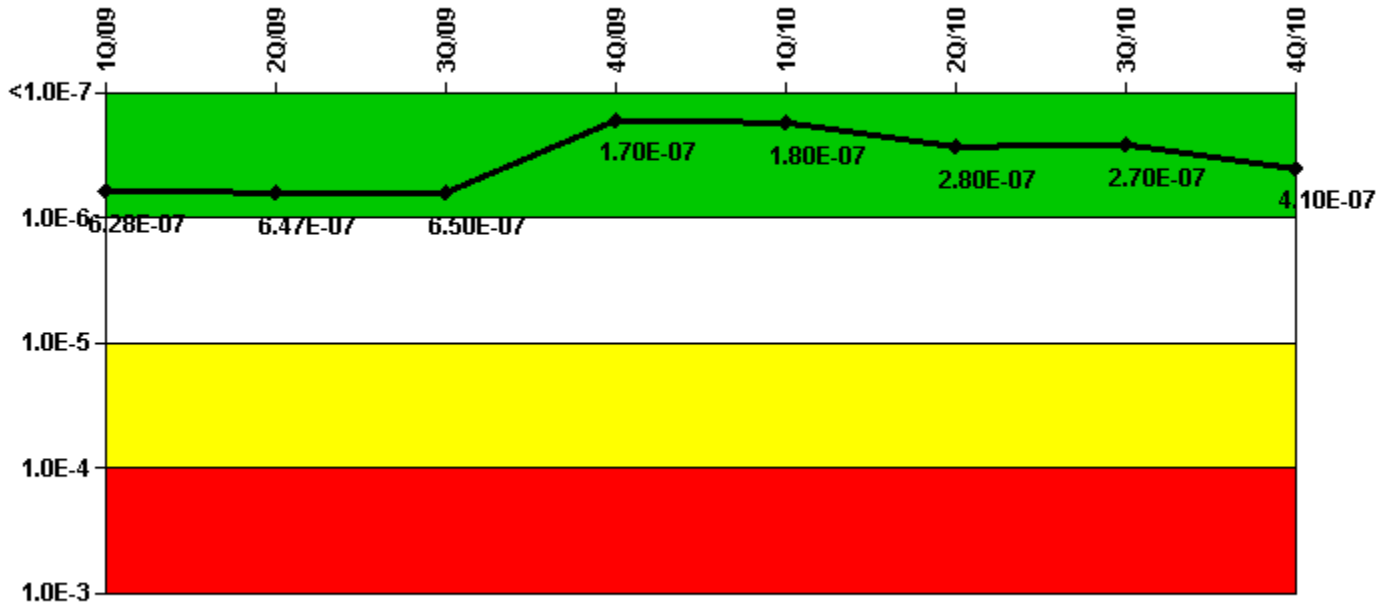
Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
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

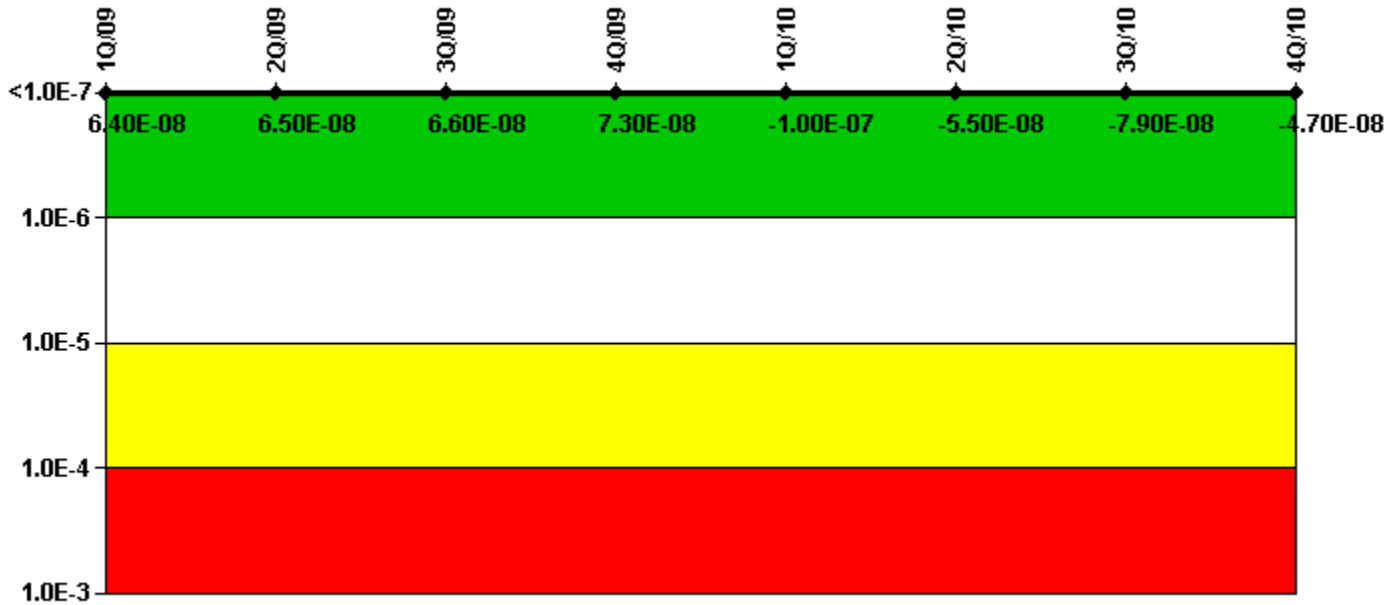
Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (ΔCDF)	2.80E-08	1.70E-08	2.00E-08	4.72E-08	5.95E-08	5.57E-08	6.77E-08	1.40E-07
URI (ΔCDF)	6.00E-07	6.30E-07	6.30E-07	1.24E-07	1.16E-07	2.25E-07	2.06E-07	2.68E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	6.28E-07	6.47E-07	6.50E-07	1.70E-07	1.80E-07	2.80E-07	2.70E-07	4.10E-07

Licensee Comments:

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, High Pressure Injection System



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

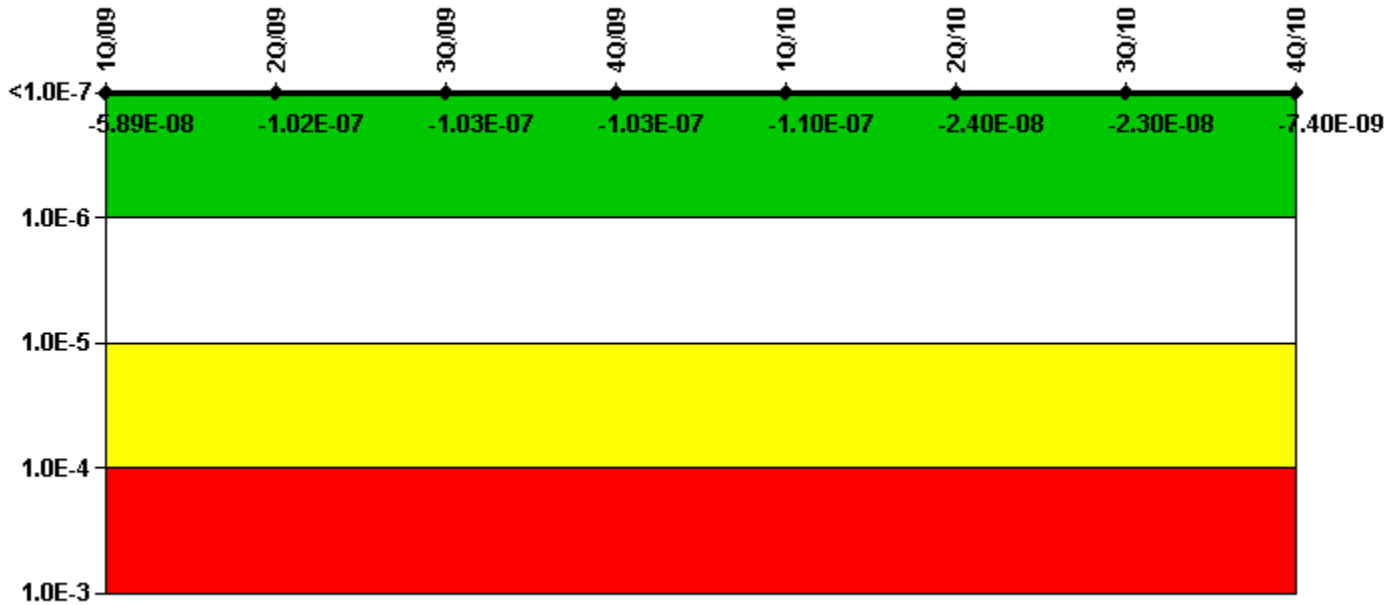
Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (Δ CDF)	2.00E-08	2.10E-08	2.10E-08	2.10E-08	-3.64E-08	1.55E-08	-1.09E-08	-6.03E-09
URI (Δ CDF)	4.40E-08	4.40E-08	4.50E-08	5.20E-08	-6.69E-08	-7.04E-08	-6.85E-08	-4.08E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	6.40E-08	6.50E-08	6.60E-08	7.30E-08	-1.00E-07	-5.50E-08	-7.90E-08	-4.70E-08

Licensee Comments:

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

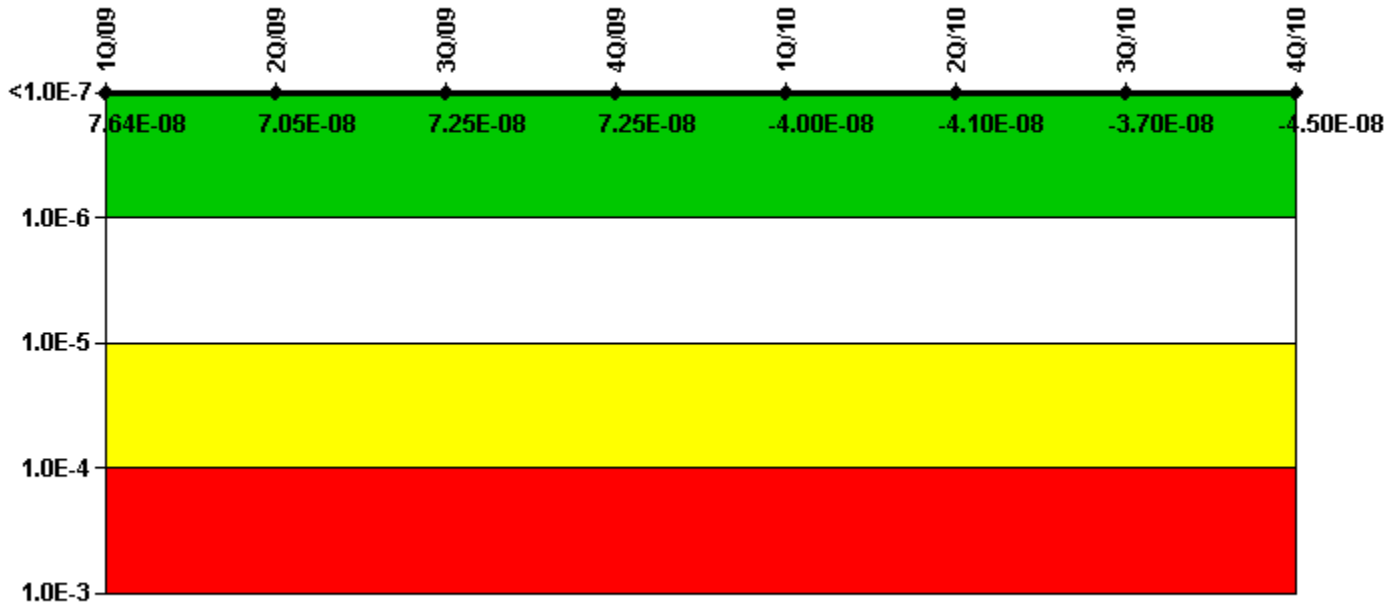
Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (Δ CDF)	8.10E-09	-4.10E-08	-4.10E-08	-4.10E-08	-4.02E-08	4.60E-08	4.64E-08	8.26E-09
URI (Δ CDF)	-6.70E-08	-6.10E-08	-6.20E-08	-6.20E-08	-6.69E-08	-6.96E-08	-6.96E-08	-1.56E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.89E-08	-1.02E-07	-1.03E-07	-1.03E-07	-1.10E-07	-2.40E-08	-2.30E-08	-7.40E-09

Licensee Comments:

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

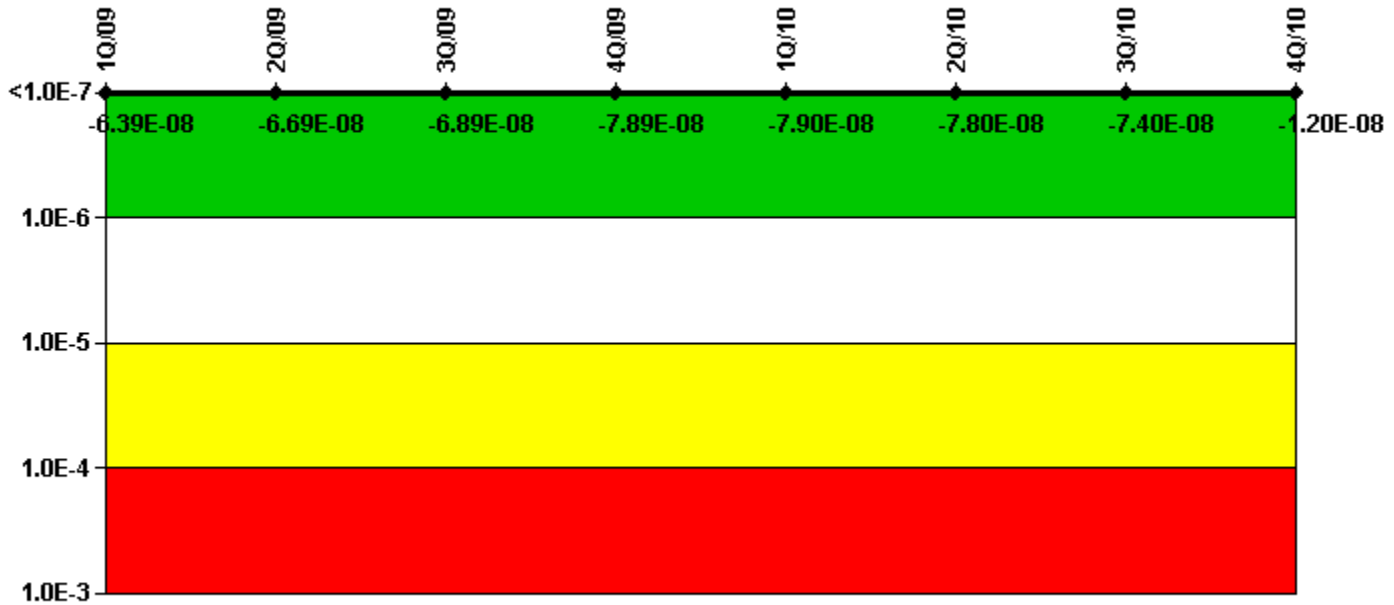
Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (Δ CDF)	-8.60E-09	-8.50E-09	-8.50E-09	-8.50E-09	-1.07E-08	-1.13E-08	-1.13E-08	-1.88E-08
URI (Δ CDF)	8.50E-08	7.90E-08	8.10E-08	8.10E-08	-2.89E-08	-2.92E-08	-2.56E-08	-2.59E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	7.64E-08	7.05E-08	7.25E-08	7.25E-08	-4.00E-08	-4.10E-08	-3.70E-08	-4.50E-08

Licensee Comments:

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

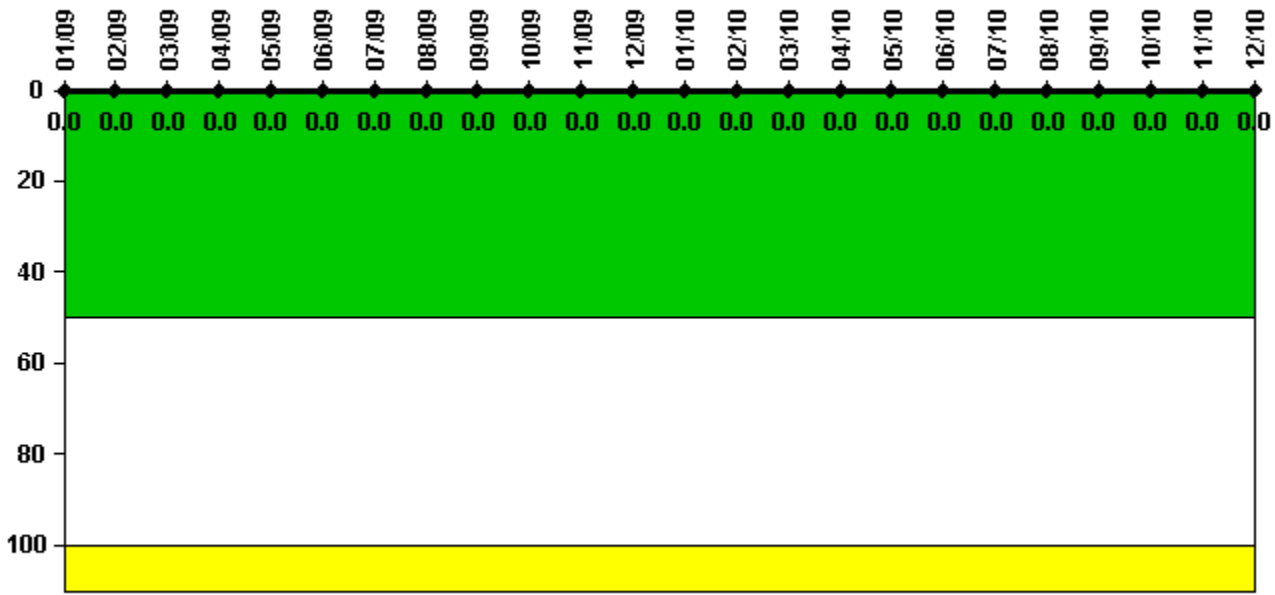
Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (Δ CDF)	-9.10E-10	-9.00E-10	-9.00E-10	-8.60E-10	-8.29E-10	-2.40E-10	2.95E-09	5.69E-08
URI (Δ CDF)	-6.30E-08	-6.60E-08	-6.80E-08	-7.80E-08	-7.82E-08	-7.73E-08	-7.70E-08	-6.91E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.39E-08	-6.69E-08	-6.89E-08	-7.89E-08	-7.90E-08	-7.80E-08	-7.40E-08	-1.20E-08

Licensee Comments:

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.

Reactor Coolant System Activity



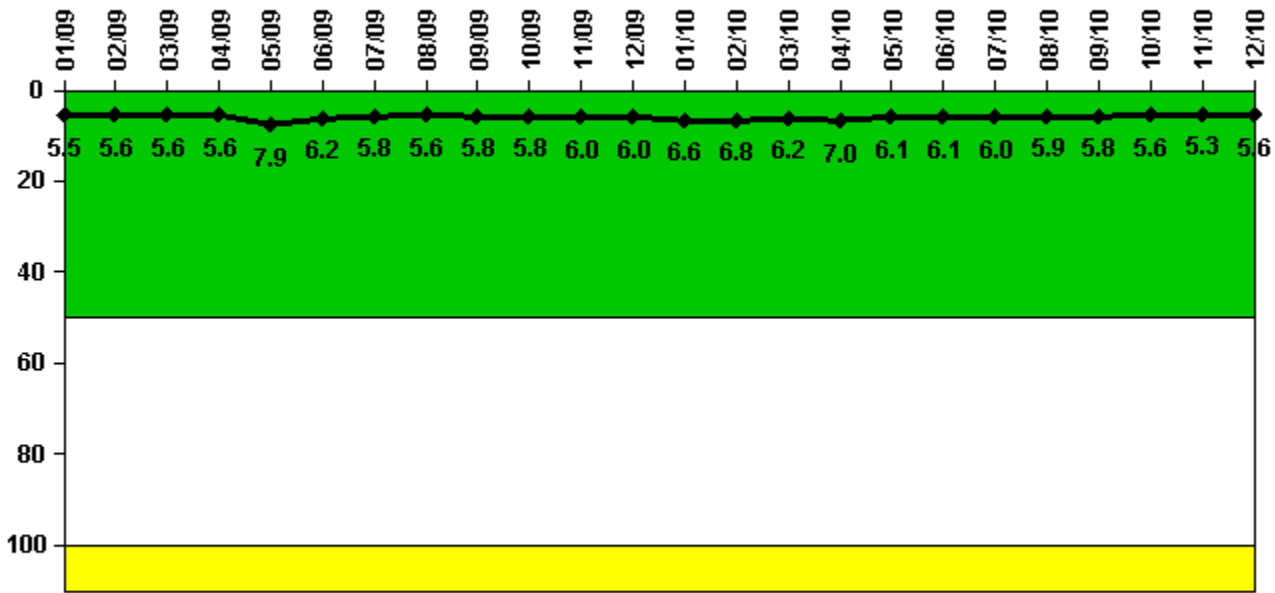
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/09	2/09	3/09	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09
Maximum activity	0.000005	0.000007	0.000008	0.000005	0.000006	0.000010	0.000005	0.000005	0.000005	0.000006	0.000004	0.000005
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	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10
Maximum activity	0.000009	0.000007	0.000002	0.000003	0.000005	0.000005	0.000006	0.000004	0.000005	0.000003	0.000005	0.000006
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



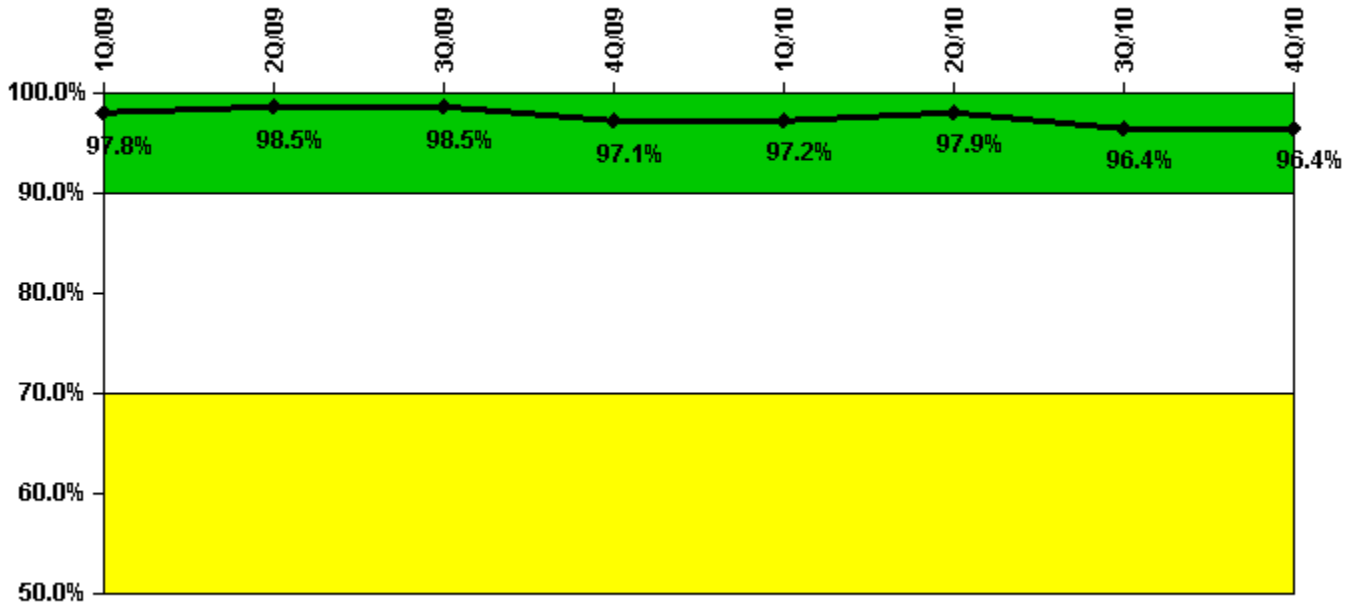
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/09	2/09	3/09	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09
Maximum leakage	1.650	1.690	1.680	1.670	2.360	1.860	1.730	1.680	1.730	1.740	1.790	1.810
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	5.6	5.6	5.6	7.9	6.2	5.8	5.6	5.8	5.8	6.0	6.0
Reactor Coolant System Leakage	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10
Maximum leakage	1.970	2.040	1.850	2.090	1.820	1.840	1.790	1.780	1.740	1.670	1.600	1.680
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	6.6	6.8	6.2	7.0	6.1	6.1	6.0	5.9	5.8	5.6	5.3	5.6

Licensee Comments: none

Drill/Exercise Performance



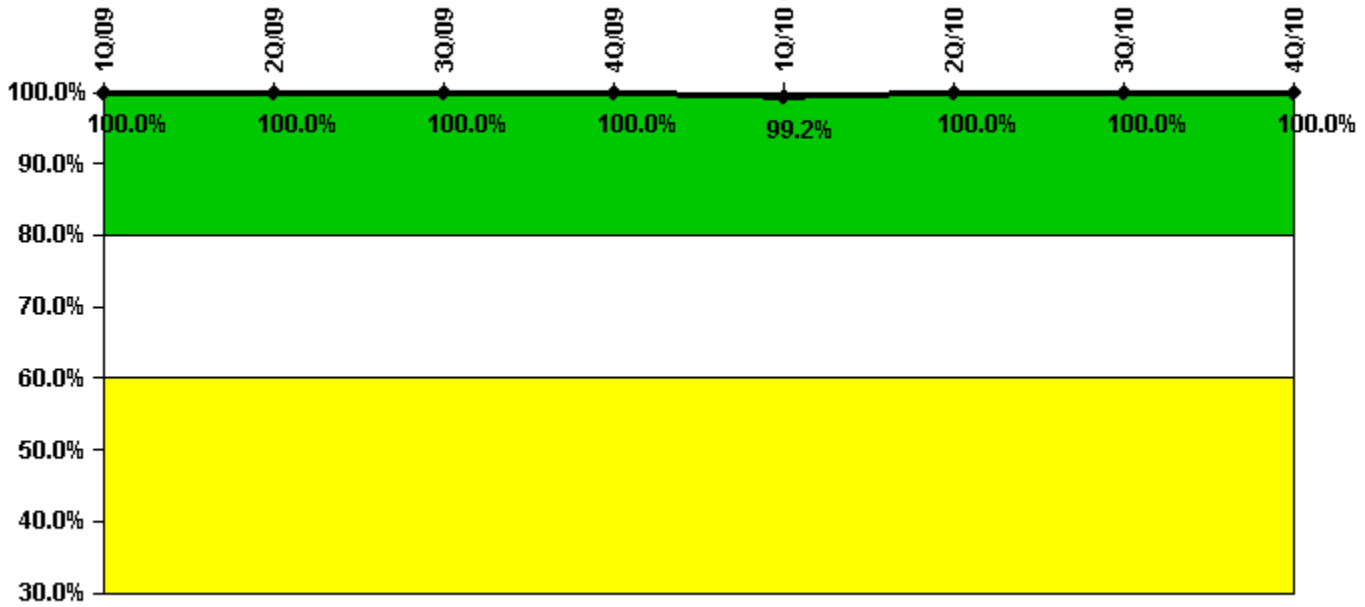
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Successful opportunities	2.0	23.0	10.0	12.0	12.0	27.0	38.0	8.0
Total opportunities	2.0	23.0	10.0	14.0	12.0	28.0	40.0	8.0
Indicator value	97.8%	98.5%	98.5%	97.1%	97.2%	97.9%	96.4%	96.4%

Licensee Comments: none

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Participating Key personnel	141.0	132.0	136.0	134.0	129.0	135.0	136.0	138.0
Total Key personnel	141.0	132.0	136.0	134.0	130.0	135.0	136.0	138.0
Indicator value	100.0%	100.0%	100.0%	100.0%	99.2%	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	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Successful siren-tests								
Total sirens-tests								
Indicator value								

Licensee Comments:

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