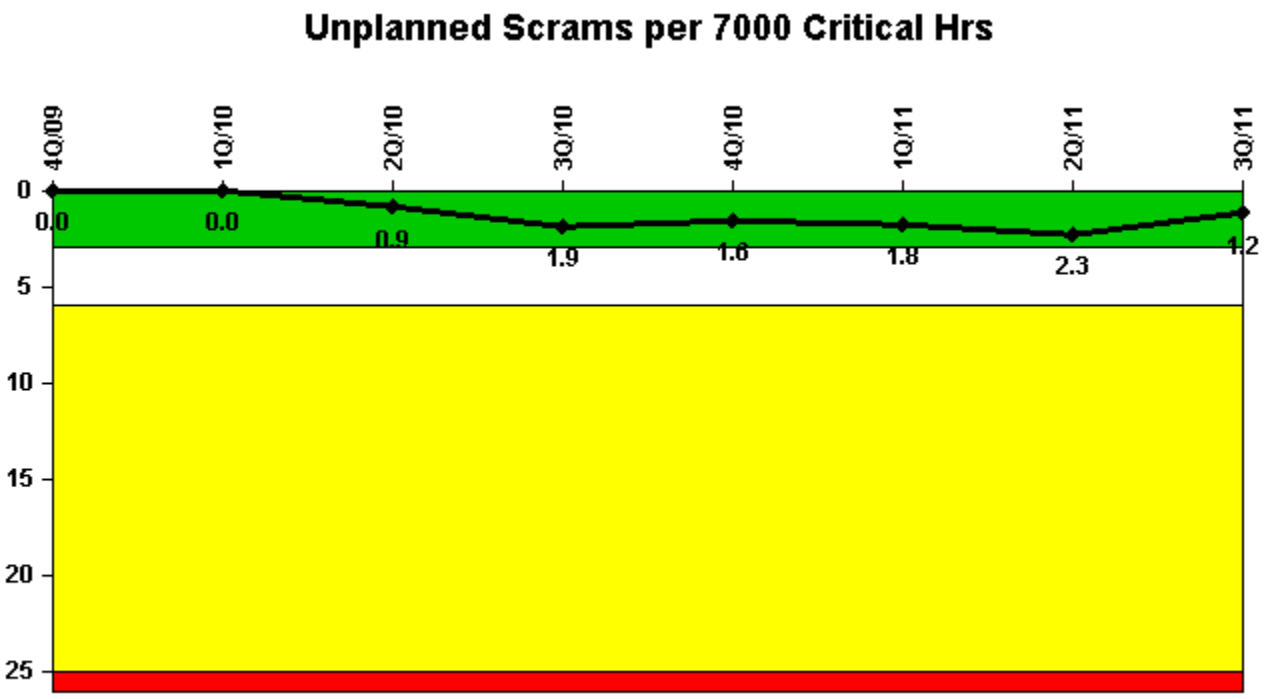
Point Beach 2

3Q/2011 Performance Indicators

Licensee's General Comments: 2Q2011 Change Files



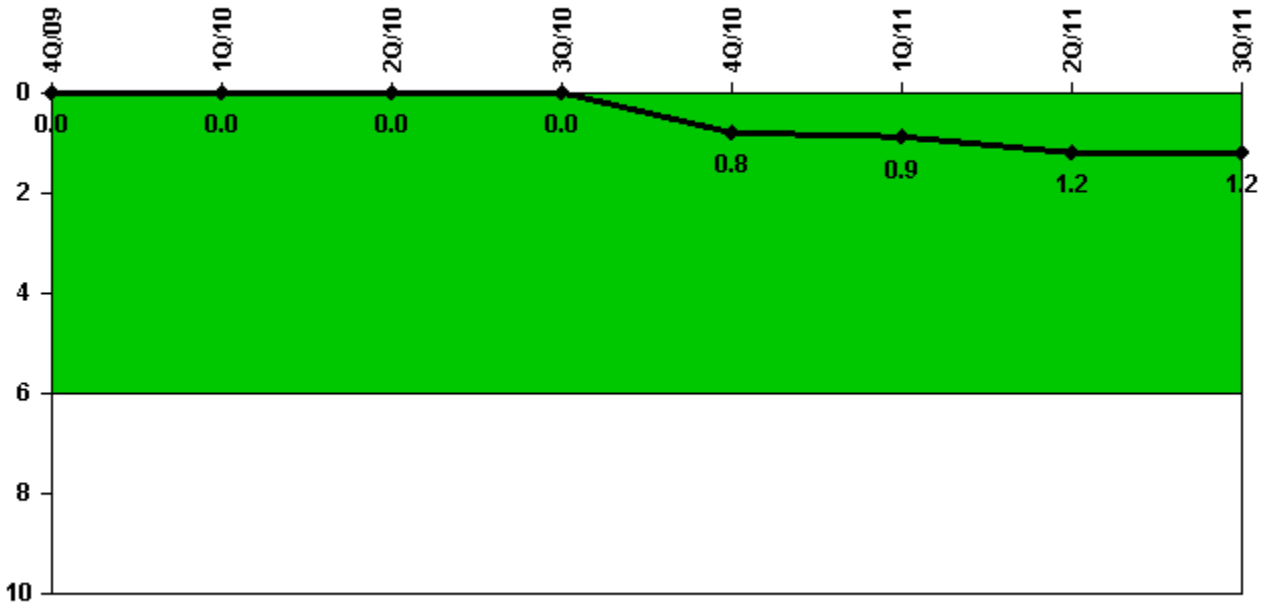
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Unplanned scrams	0	0	1.0	1.0	0	0	1.0	0
Critical hours	971.4	2159.0	2153.8	2182.9	2026.7	1416.6	384.9	2208.0
Indicator value	**0**	**0**	**0.9**	**1.9**	**1.6**	**1.8**	**2.3**	**1.2**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



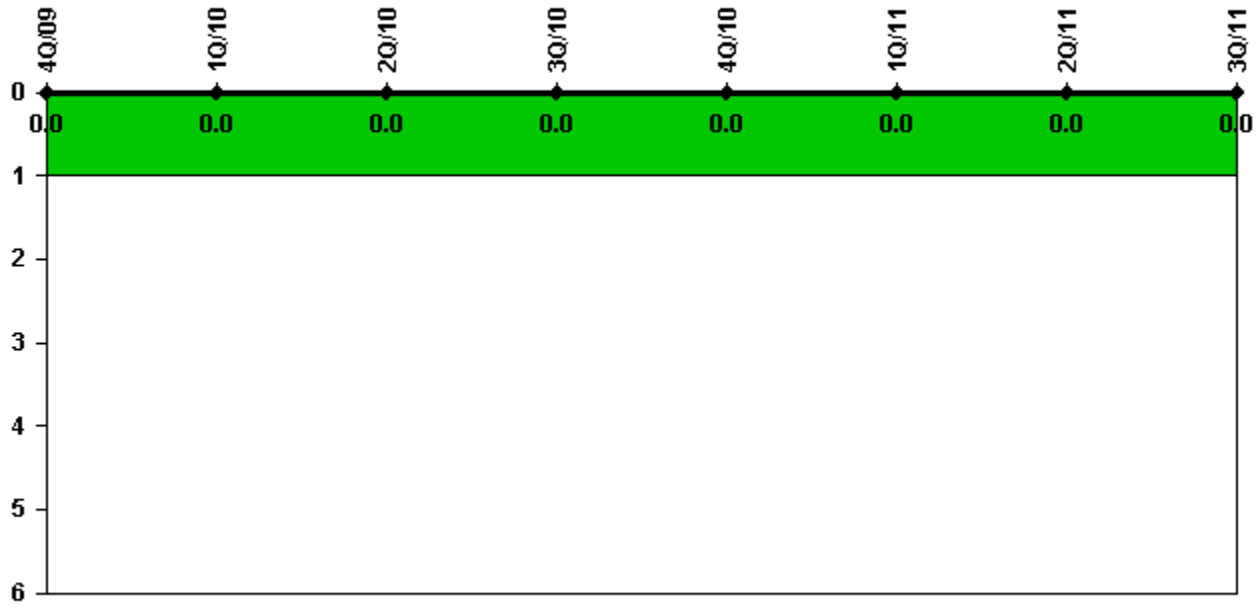
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Unplanned power changes	0	0	0	0	1.0	0	0	0
Critical hours	971.4	2159.0	2153.8	2182.9	2026.7	1416.6	384.9	2208.0
Indicator value	**0**	**0**	**0**	**0**	**0.8**	**0.9**	**1.2**	**1.2**

Licensee Comments: none

Unplanned Scrams with Complications



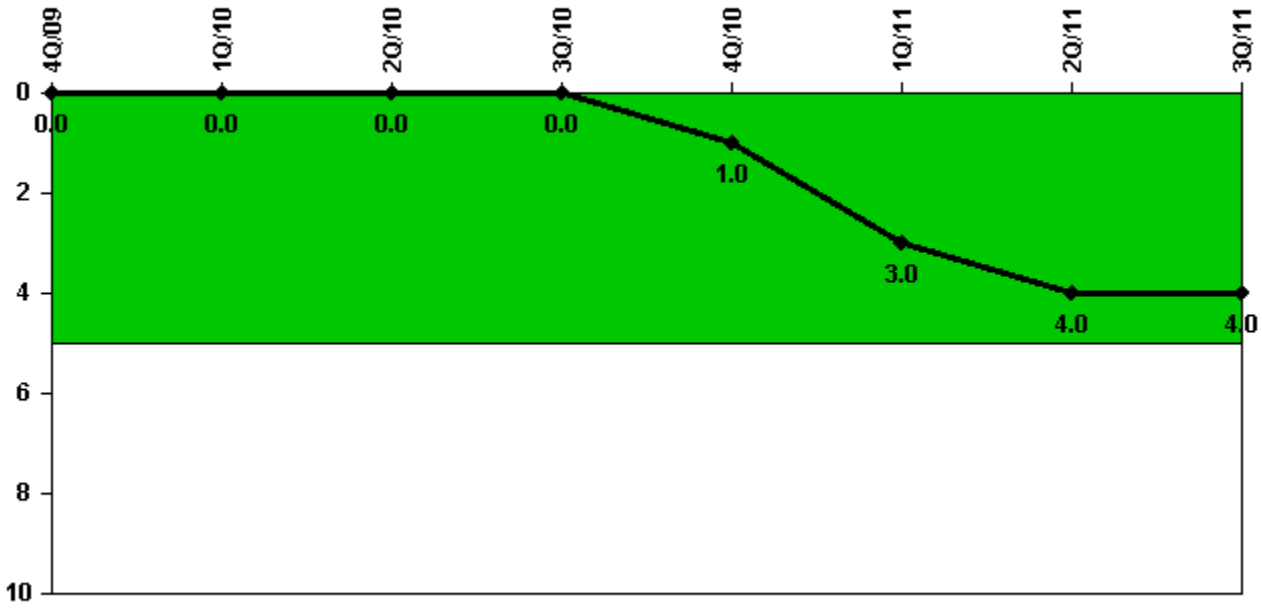
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/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)	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Safety System Functional Failures	0	0	0	0	1	2	1	0
Indicator value	**0**	**0**	**0**	**0**	**1**	**3**	**4**	**4**

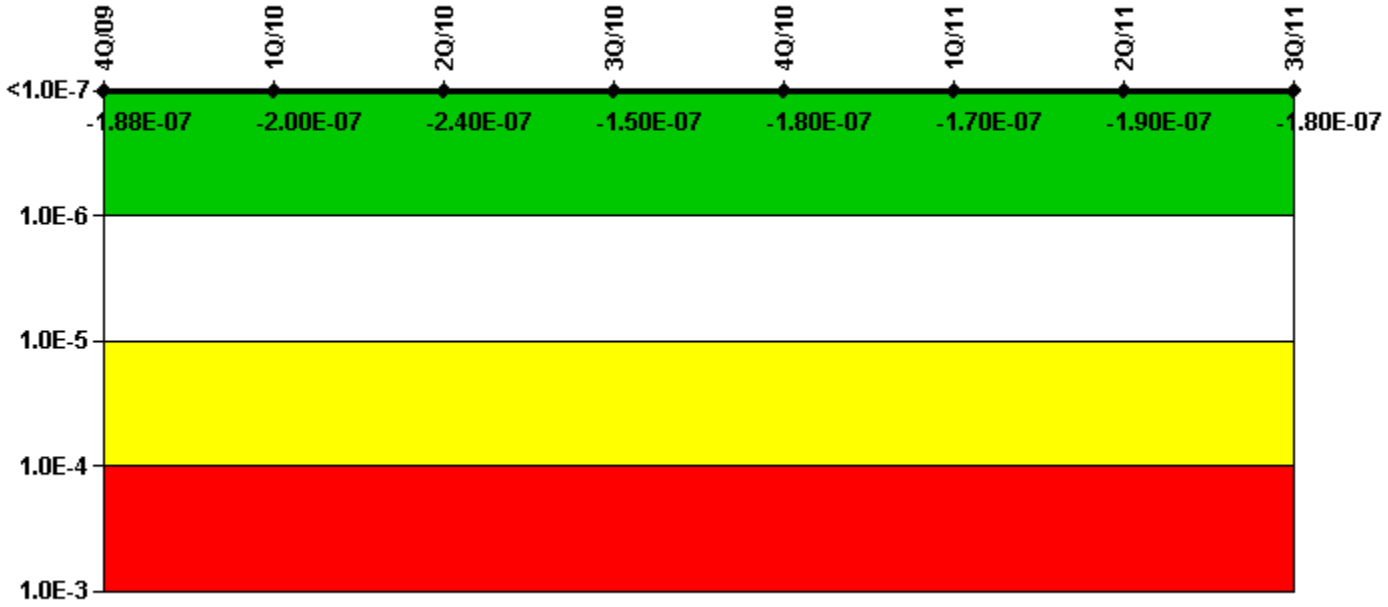
Licensee Comments:

2Q/11: LER 05000301 2011-001-00, Both Trains of SI Inoperable Requiring LCO 3.0.3 Entry

1Q/11: LER 05000301 2010-004-00, Improper Controls for Breach HELB Barrier LER 05000301 2010-005-00, Inappropriate Controls for HELB Barrier Program

4Q/10: LER 05000301 2010-003-00, Potential for Residual Heat Removal Trains to be Inoperable During Mode Change

Mitigating Systems Performance Index, Emergency AC Power System



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

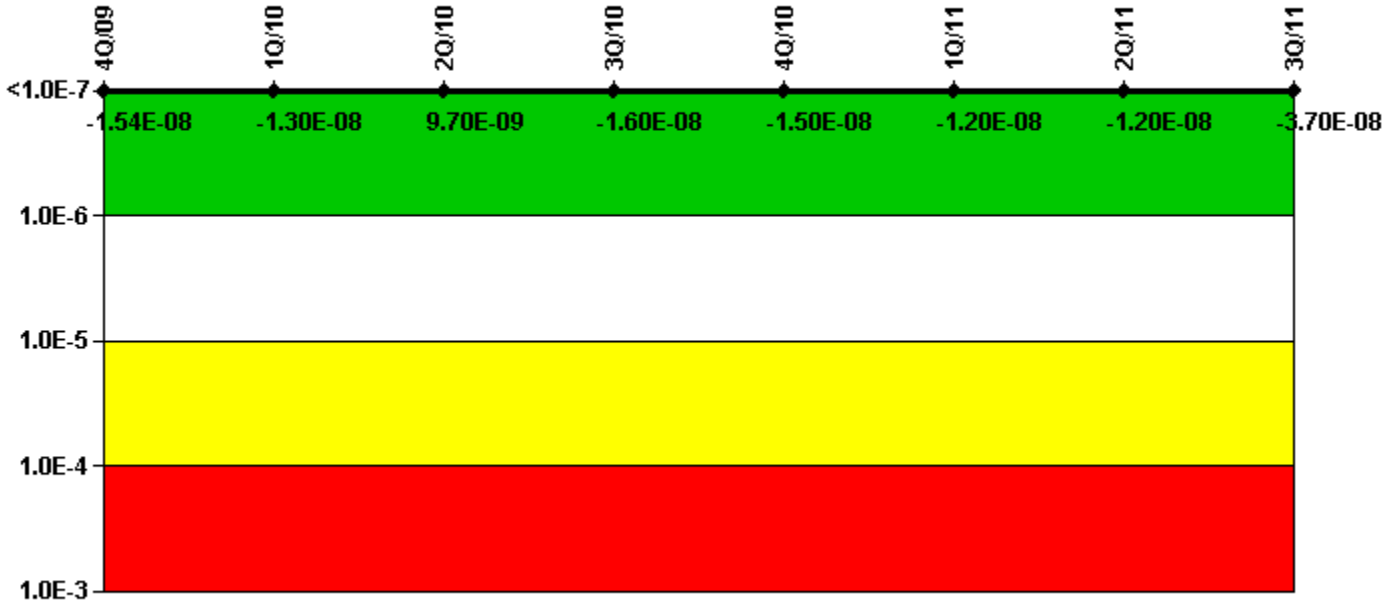
Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (ΔCDF)	4.20E-08	3.44E-08	-1.33E-08	7.74E-08	5.16E-08	5.76E-08	8.61E-08	1.12E-07
URI (ΔCDF)	-2.30E-07	-2.31E-07	-2.31E-07	-2.31E-07	-2.31E-07	-2.23E-07	-2.76E-07	-2.89E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.88E-07**	**-2.00E-07**	**-2.40E-07**	**-1.50E-07**	**-1.80E-07**	**-1.70E-07**	**-1.90E-07**	**-1.80E-07**

Licensee Comments:

3Q/11: The new motor driven Auxiliary Feedwater pumps were placed in service on June 3, 2011. This change and power uprate modifications on Unit 2 are reflected in PRA model 4.03 implemented June 3, 2011.

Mitigating Systems Performance Index, High Pressure Injection System



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

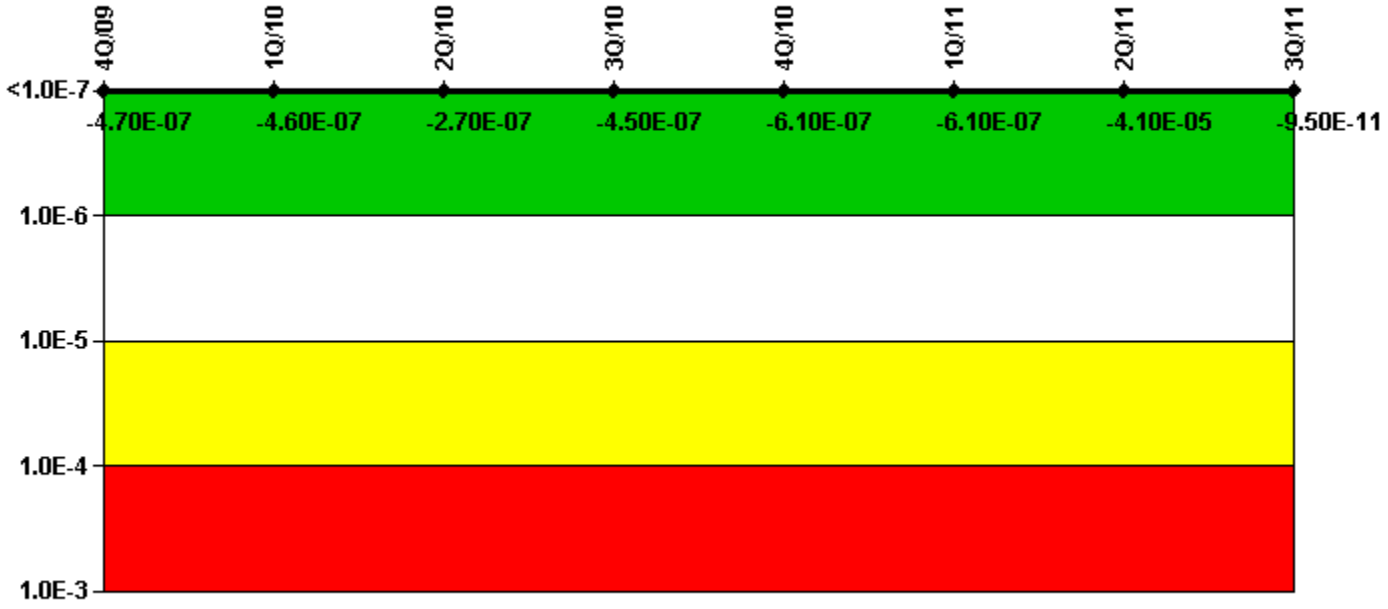
Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (ΔCDF)	-1.40E-09	1.34E-09	2.40E-08	-2.06E-09	-1.08E-09	1.81E-09	2.21E-09	8.76E-09
URI (ΔCDF)	-1.40E-08	-1.42E-08	-1.42E-08	-1.42E-08	-1.42E-08	-1.42E-08	-1.42E-08	-4.56E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.54E-08**	**-1.30E-08**	**9.70E-09**	**-1.60E-08**	**-1.50E-08**	**-1.20E-08**	**-1.20E-08**	**-3.70E-08**

Licensee Comments:

3Q/11: The new motor driven Auxiliary Feedwater pumps were placed in service on June 3, 2011. This change and power uprate modifications on Unit 2 are reflected in PRA model 4.03 implemented June 3, 2011.

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	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (ΔCDF)	2.23E-07	2.24E-07	4.15E-07	2.41E-07	7.43E-08	8.13E-08	-4.01E-05	9.55E-09
URI (ΔCDF)	-6.89E-07	-6.89E-07	-6.89E-07	-6.89E-07	-6.89E-07	-6.89E-07	-6.84E-07	-9.64E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.70E-07**	**-4.60E-07**	**-2.70E-07**	**-4.50E-07**	**-6.10E-07**	**-6.10E-07**	**-4.10E-05**	**-9.50E-11**

Licensee Comments:

3Q/11: Changed PRA Parameter(s). The new motor driven Auxiliary Feedwater pumps were placed in service on June 3, 2011. This change and power uprate modifications on Unit 2 are reflected in PRA model 4.03 implemented June 3, 2011. Auxiliary feedwater pumps 0P-38A and 0P-38B were replaced in Tech Spec with 1P-53 and 2P-53 which changed the monitored trains for MSPI Heat Removal System. The baseline values for unavailablity for the new pumps are calculated as described in FAQ 11-05.

2Q/11: Data reported for this system is characterized as "Insufficient Data to Calculate PI" per FAQ 479. The basis for this is that a modification to change the trains relied on in Tech Specs and therefore used for MSPI reporting was installed during the quarter. CDE is not capable of processing a "data split" within the same quarter and does not allow mid-quarter PRA model changes. An MSPI result for MS08, Heat Removal Systems, reflecting 2Q2011 AF system unavailability and reliability would not be representative of the new system nor provide meaningful results.

4Q/10: Heat Removal UA revised back to 2008 per CR01401108-05 to count time while turbine driven auxiliary feedwater pump are operating as unavailable.

3Q/10: Removed temporary change to baseline. MSPI Basis Document Rev 15 June 30, 2010. Heat Removal UA revised back to 2008 per CR01401108-05 to count time while turbine driven auxiliary feedwater pump are operating as unavailable.

2Q/10: Heat Removal UA revised back to 2008 per CR01401108-05 to count time while turbine driven auxiliary feedwater pump are operating as unavailable.

1Q/10: Heat Removal UA revised back to 2008 per CR01401108-05 to count time while turbine driven auxiliary feedwater pump are operating as unavailable.

4Q/09: Heat Removal UA revised back to 2008 per CR01401108-05 to count time while turbine driven auxiliary feedwater pump are operating as unavailable.

3Q/09: Heat Removal UA revised back to 2008 per CR01401108-05 to count time while turbine driven auxiliary feedwater pump are operating as unavailable.

2Q/09: Input changes made in PRA 4.0.2 issued March 2009. Heat Removal UA revised back to 2008 per CR01401108-05 to count time while turbine driven auxiliary feedwater pump are operating as unavailable.

1Q/09: PRA model revision 4.01 was approved 12/30/2008. Heat Removal UA revised back to 2008 per CR01401108-05 to count time while turbine driven auxiliary feedwater pump are operating as unavailable.

4Q/08: 2Q08 PRA Parameter changes due to updating to PRA Model revision 4.00. PRA parameter data updated to 2000-2005 data. See AR01138122. Heat Removal UA revised back to 2008 per CR01401108-05 to count time while turbine driven auxiliary feedwater pump are operating as unavailable.

3Q/08: Modification to motor driven pumps was deferred. Temporary change made to baseline UA for 3Q08 was removed. (AR1135651) Heat Removal UA revised back to 2008 per CR01401108-05 to count time while turbine driven auxiliary feedwater pump are operating as unavailable.

2Q/08: In 1Q08, the November 2007 2P29 event was reported as a failure in the Data Review Notes, but not in the database (see AR01128114). If it had been input as a failure, the system color would have remained green with the risk cap invoked and and MSPI of 2.9e-07. This event has since been determined to not be a failure and the failure record has been updated to reflect this. The unavailability hours for November have been changed to planned. Heat Removal UA revised back to 2008 per CR01401108-05 to count time while turbine driven auxiliary feedwater pump are operating as unavailable.

1Q/08: Pending failure evaluation from 4Q07 for 2P-029 for AR01115748 Moisture in oil is being reported as a failure, and pending failure evaluation from 4Q07 for 2P-029 AR01118341 Overspeed trip linkage trunnion screw loose was determined to not be a failure.

4Q/07: Pending failure from 3Q07 for AR01112475 2P-029 turbine bearing high temperature alarm was determined to not be a failure. Pending failure evaluations for 2P-029 for AR01115748 Moisture in oil, and AR01118341 Overspeed trip linkage trunnion screw loose.

3Q/07: Implementation of PRA Model Revision 3.18, dated 06/29/2007 (MSPI Basis Document Revision 7) Pending failure evaluation for 2P-29, AR01112475.

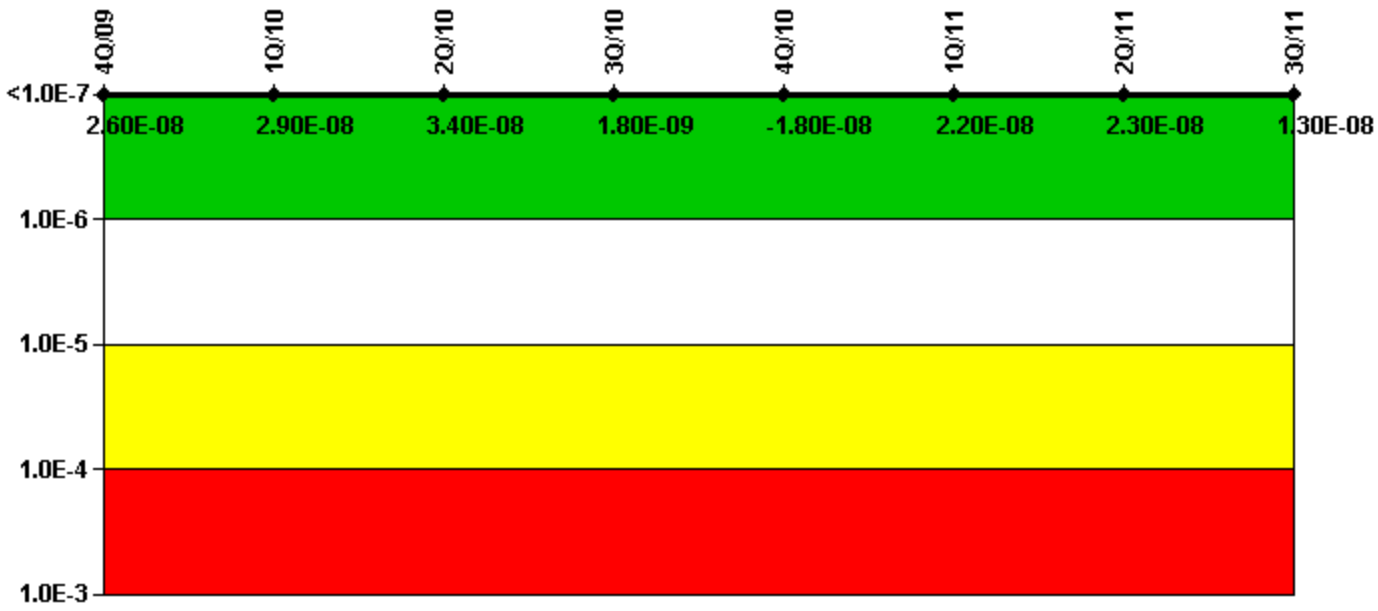
1Q/07: UA data corrected in four months in 2002, 2003 and 2004; removed PMT demands and run hours from estimates; UABLP override used to remove planned UA for mods not yet installed, remove credit for dedicated operator during tests, and to ensure correct values used per Basis Document Rev 5.

4Q/06: During 4Q06, a self assessment and the NRC TI-2515/169 verification identified minor unavailability data discrepancies with both the baseline data and unavailable hours reported for 2005 and 2006. Corrections to this data were completed and verified during 1Q07. UA data corrected in four months in 2002, 2003 and 2004; removed PMT demands and run hours from estimates; UABLP override used to remove planned UA for mods not yet installed and to ensure correct values used per Basis Document Rev 5.

3Q/06: UA data corrected in four months in 2002, 2003 and 2004; removed PMT demands and run hours from estimates; UABLP override used to remove planned UA for mods not yet installed and to ensure correct values used per Basis Document Rev 5.

2Q/06: UA data corrected in four months in 2002, 2003 and 2004; removed PMT demands and run hours from estimates; UABLP override used to ensure correct values used per Basis Document Rev 5.

Mitigating Systems Performance Index, Residual Heat Removal System



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

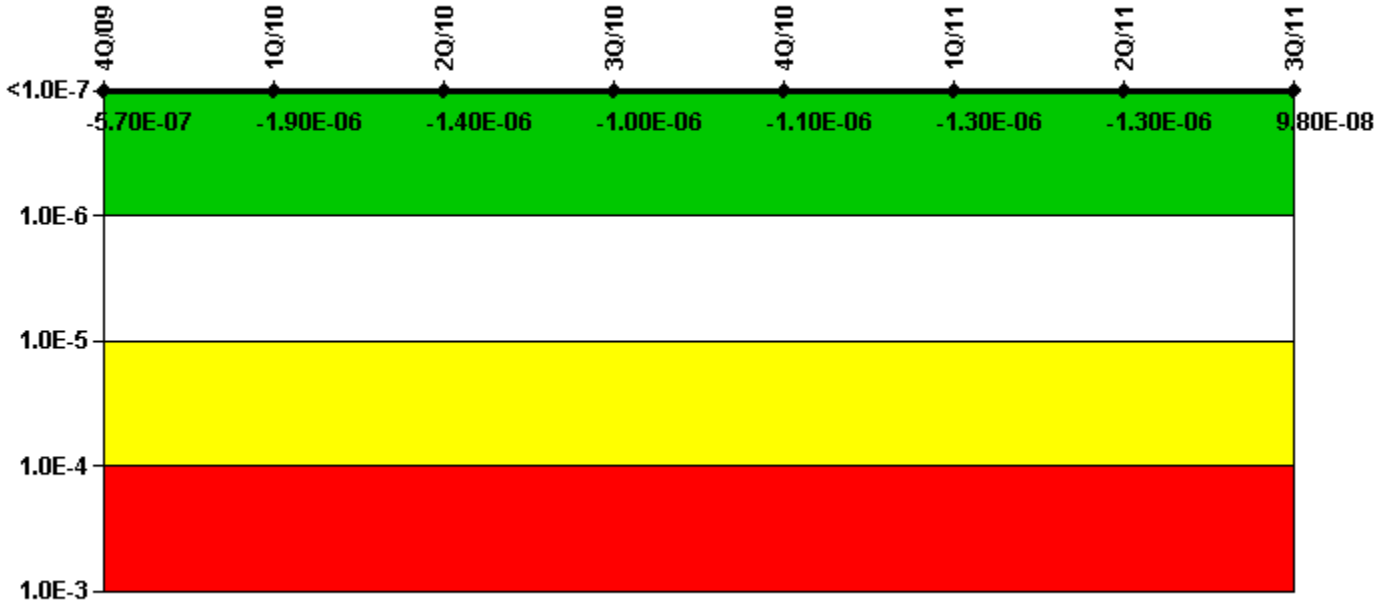
Notes

Mitigating Systems Performance Index, Residual Heat Removal System	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**	**3Q/11**
UAI (ΔCDF)	5.50E-08	5.79E-08	6.31E-08	3.08E-08	1.12E-08	5.11E-08	5.19E-08	3.53E-08
URI (ΔCDF)	-2.90E-08	-2.90E-08	-2.90E-08	-2.90E-08	-2.90E-08	-2.90E-08	-2.90E-08	-2.24E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.60E-08**	**2.90E-08**	**3.40E-08**	**1.80E-09**	**-1.80E-08**	**2.20E-08**	**2.30E-08**	**1.30E-08**

Licensee Comments:

3Q/11: The new motor driven Auxiliary Feedwater pumps were placed in service on June 3, 2011. This change and power uprate modifications on Unit 2 are reflected in PRA model 4.03 implemented June 3, 2011.

Mitigating Systems Performance Index, Cooling Water Systems



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

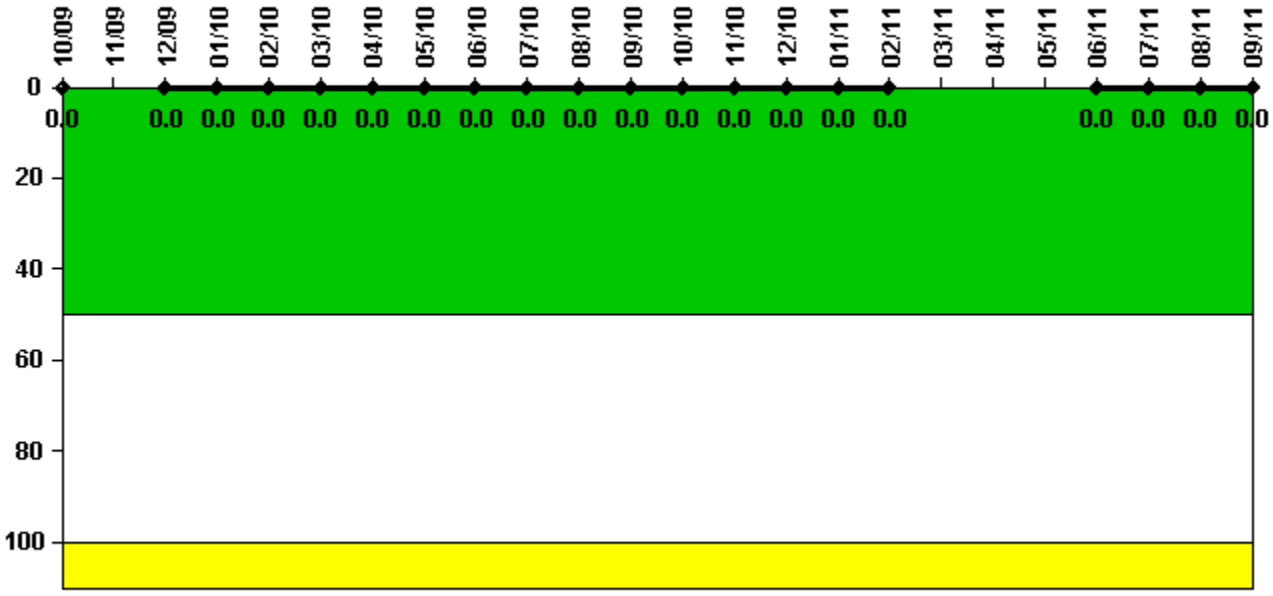
Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (ΔCDF)	2.60E-07	3.93E-07	8.37E-07	1.23E-06	1.13E-06	9.89E-07	9.33E-07	1.26E-07
URI (ΔCDF)	-8.30E-07	-2.25E-06	-2.25E-06	-2.25E-06	-2.25E-06	-2.25E-06	-2.25E-06	-2.80E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.70E-07**	**-1.90E-06**	**-1.40E-06**	**-1.00E-06**	**-1.10E-06**	**-1.30E-06**	**-1.30E-06**	**9.80E-08**

Licensee Comments:

3Q/11: The new motor driven Auxiliary Feedwater pumps were placed in service on June 3, 2011. This change and power uprate modifications on Unit 2 are reflected in PRA model 4.03 implemented June 3, 2011.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

Notes

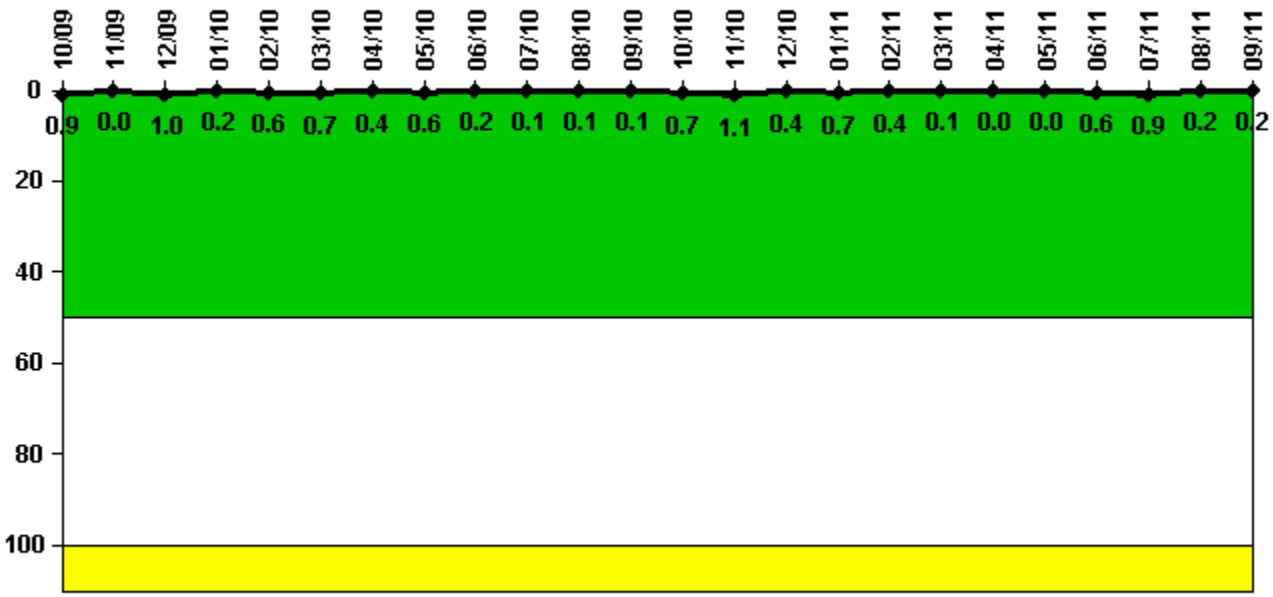
Reactor Coolant System Activity	10/09	11/09	12/09	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10
Maximum activity	0.000318	N/A	0.000178	0.000191	0.000193	0.000197	0.000209	0.000220	0.000213	0.000226	0.000241	0.000259
Technical specification limit	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Indicator value	**0**	**N/A**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Reactor Coolant System Activity	10/10	11/10	12/10	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11
Maximum activity	0.000252	0.000258	0.000298	0.000264	0.000282	N/A	N/A	N/A	0.000135	0.000169	0.000167	0.000172
Technical specification limit	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.5	0.5	0.5	0.5
Indicator value	**0**	**0**	**0**	**0**	**0**	**N/A**	**N/A**	**N/A**	**0**	**0**	**0**	**0**

Licensee Comments:

6/11: With Alternate Source Term implementation for both units, the TS Limit I-131 values changes from 0.8 uCi/gm to 0.5 uCi/gm starting in the month of June 2011.

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

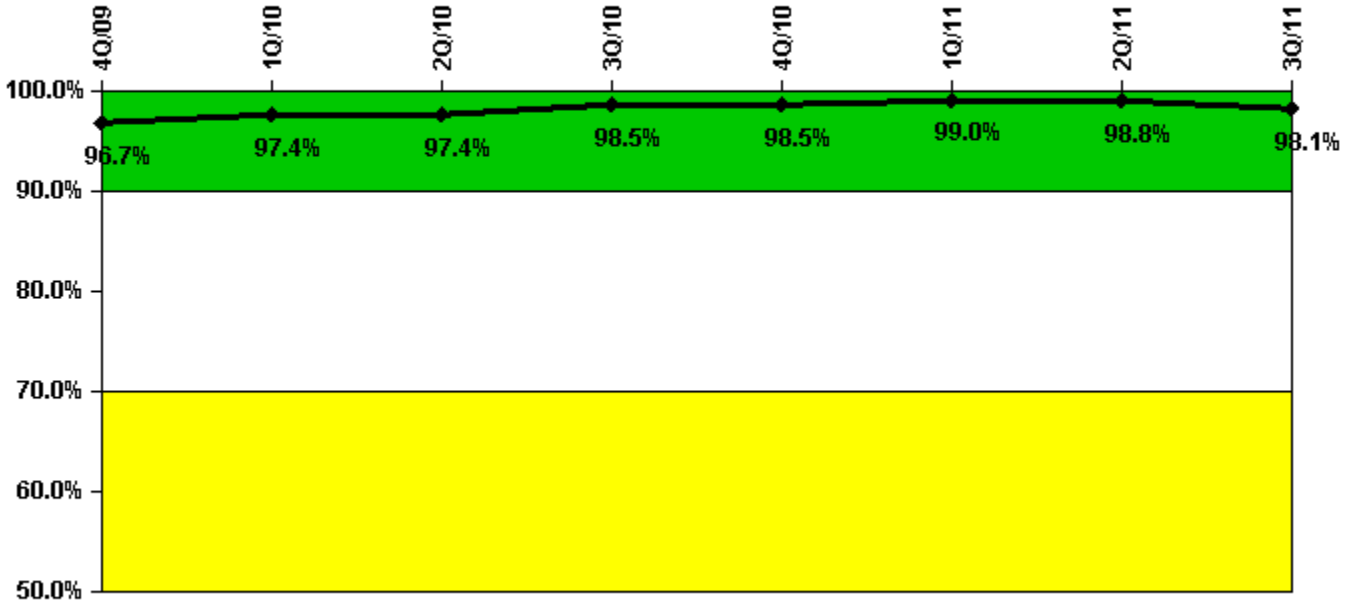
Notes

Reactor Coolant System Leakage	10/09	11/09	12/09	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10
Maximum leakage	0.090	0	0.100	0.020	0.060	0.070	0.040	0.060	0.020	0.010	0.010	0.010
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	**0.9**	**0**	**1.0**	**0.2**	**0.6**	**0.7**	**0.4**	**0.6**	**0.2**	**0.1**	**0.1**	**0.1**

Reactor Coolant System Leakage	10/10	11/10	12/10	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11
Maximum leakage	0.070	0.110	0.040	0.070	0.040	0.010	0	0	0.060	0.090	0.020	0.020
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**	**1.1**	**0.4**	**0.7**	**0.4**	**0.1**	**0**	**0**	**0.6**	**0.9**	**0.2**	**0.2**

Licensee Comments: none

Drill/Exercise Performance



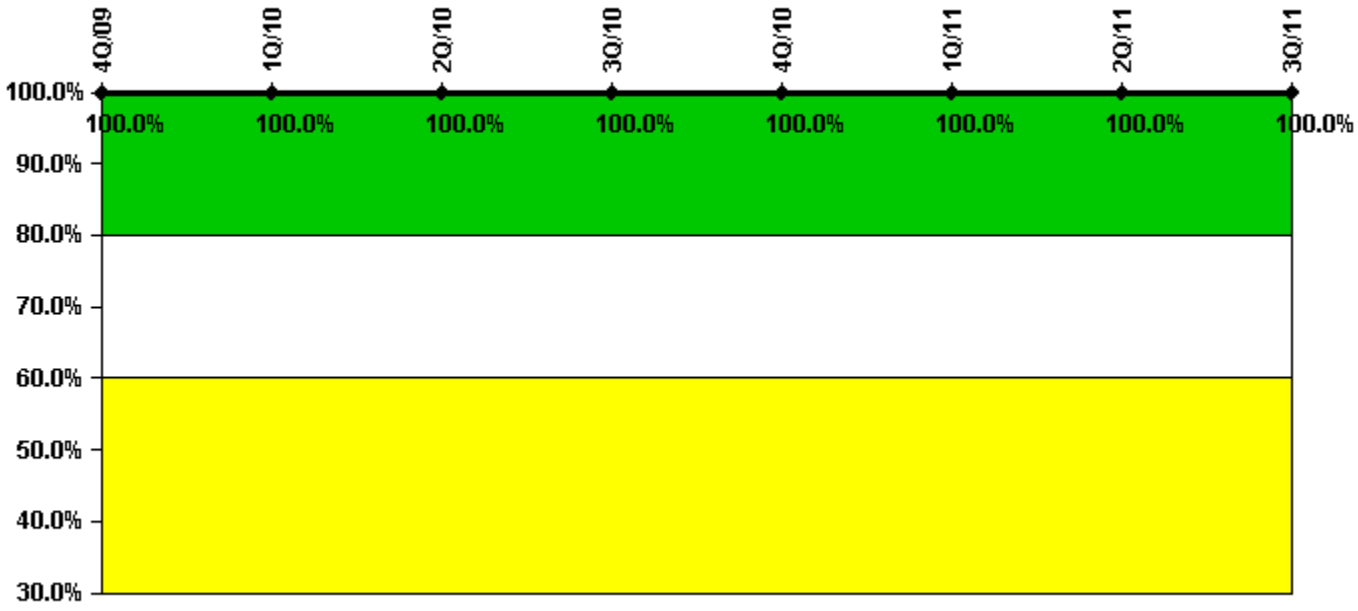
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Successful opportunities	2.0	31.0	30.0	30.0	11.0	10.0	10.0	33.0
Total opportunities	2.0	31.0	30.0	30.0	12.0	10.0	11.0	34.0
Indicator value	**96.7%**	**97.4%**	**97.4%**	**98.5%**	**98.5%**	**99.0%**	**98.8%**	**98.1%**

Licensee Comments: none

ERO Drill Participation



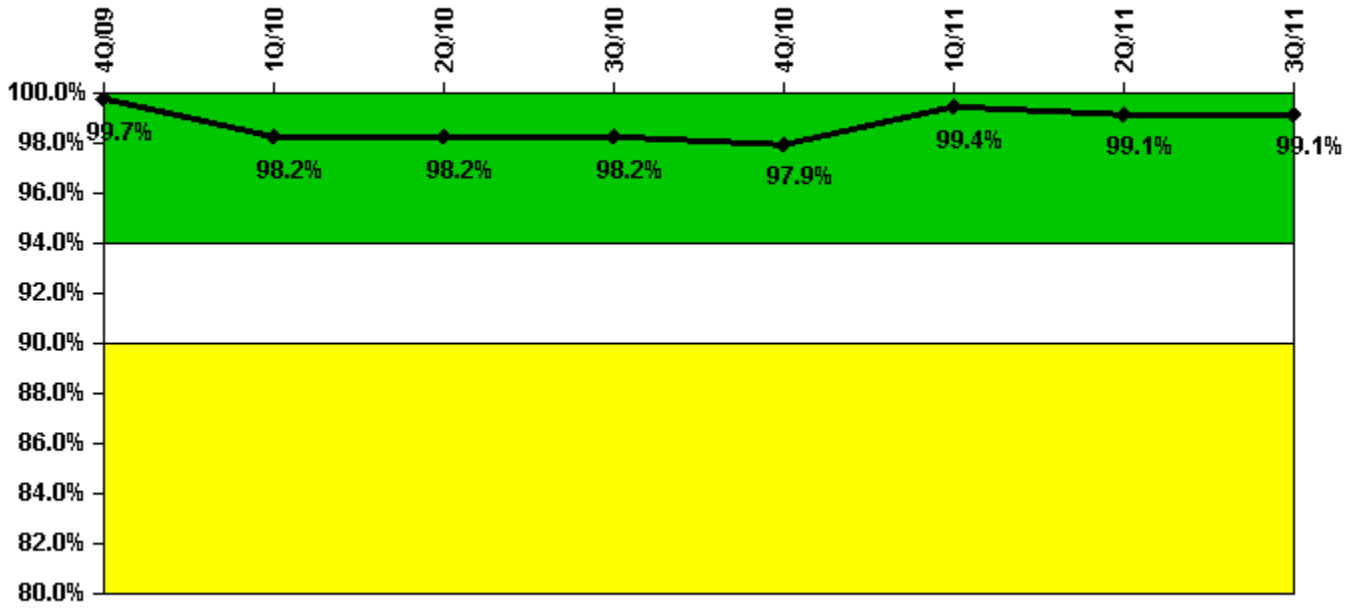
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Participating Key personnel	61.0	59.0	61.0	62.0	61.0	58.0	57.0	62.0
Total Key personnel	61.0	59.0	61.0	62.0	61.0	58.0	57.0	62.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System



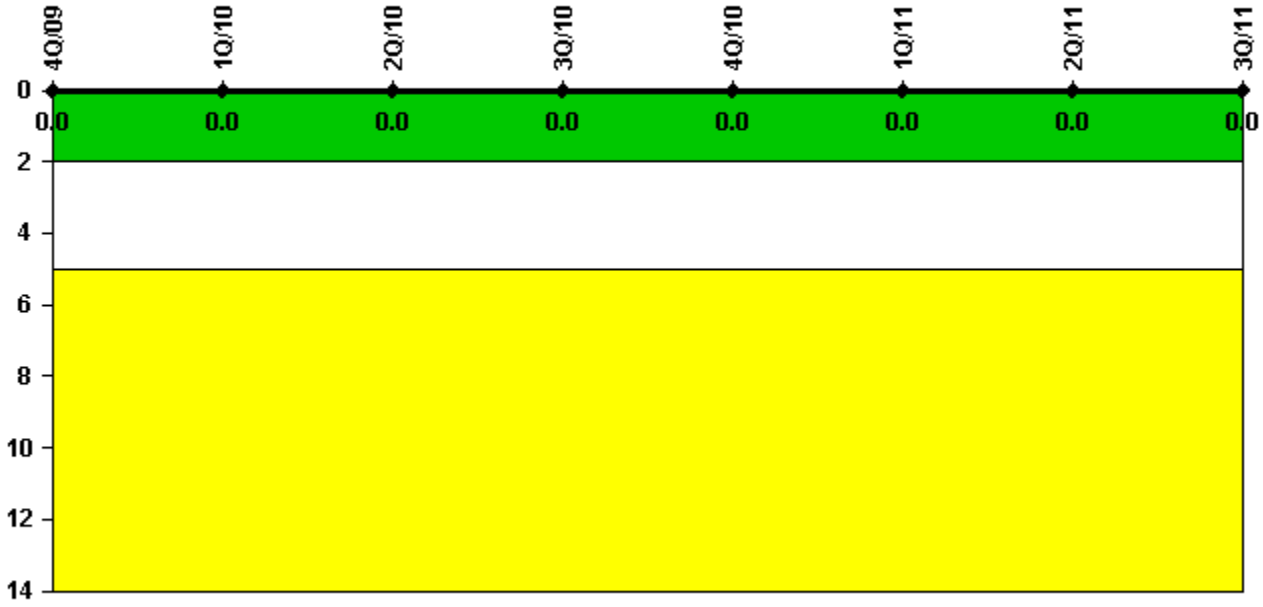
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Successful siren-tests	84	78	84	84	83	83	83	98
Total sirens-tests	84	84	84	84	84	84	84	98
Indicator value	**99.7%**	**98.2%**	**98.2%**	**98.2%**	**97.9%**	**99.4%**	**99.1%**	**99.1%**

Licensee Comments: none

Occupational Exposure Control Effectiveness



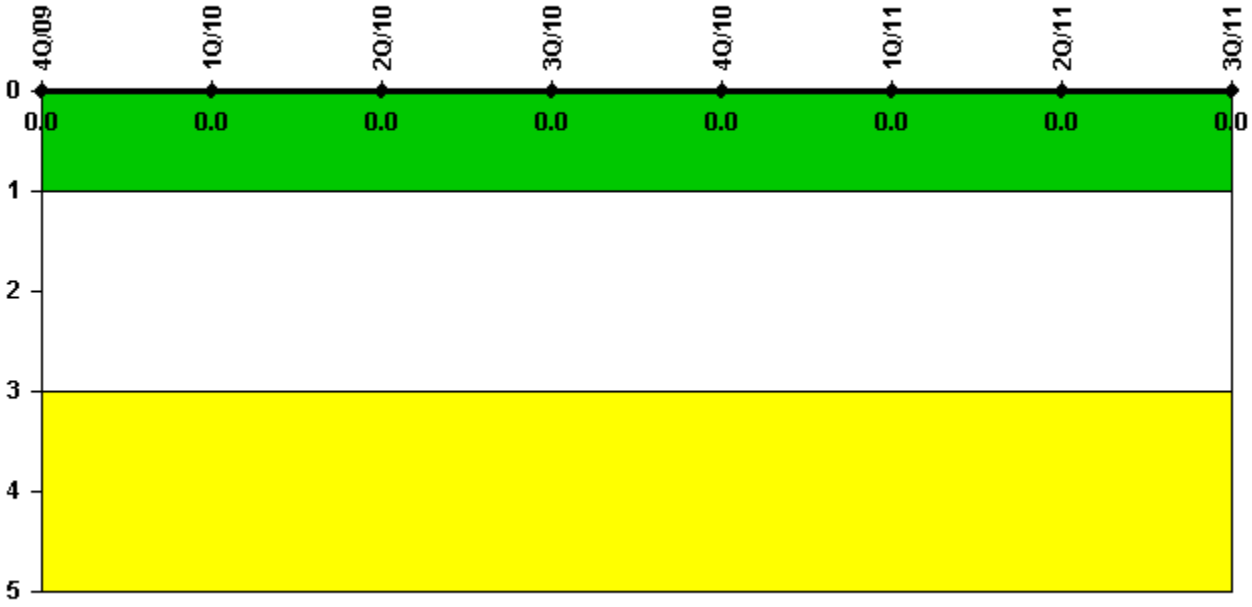
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/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	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/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: November 29, 2011