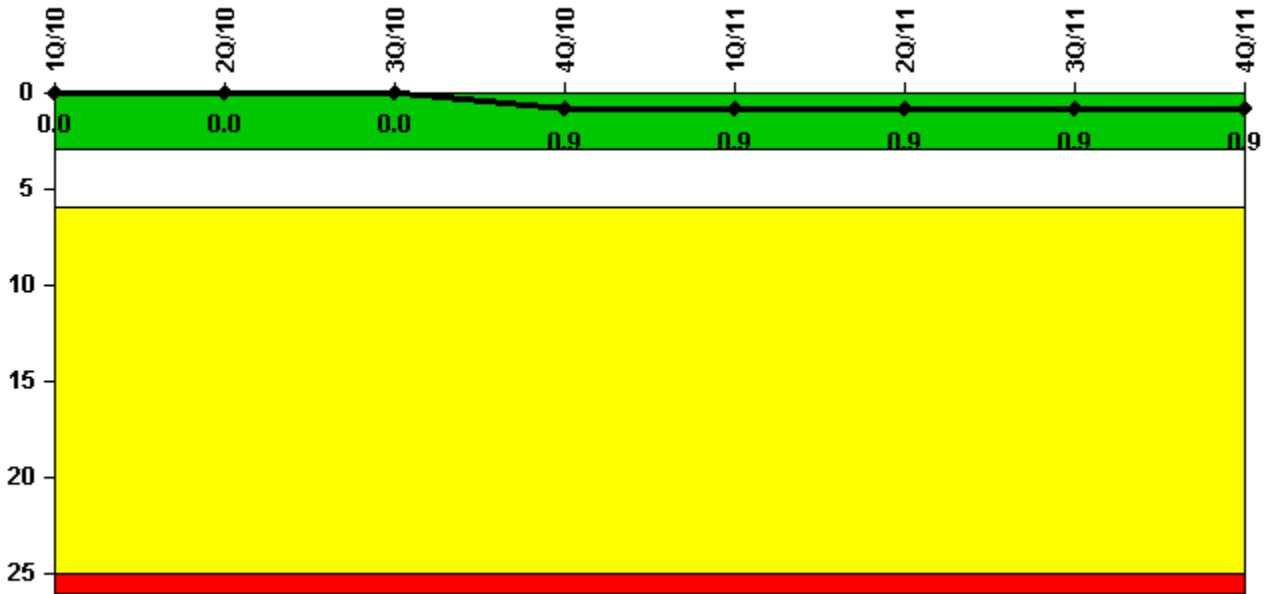


South Texas 2

4Q/2011 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



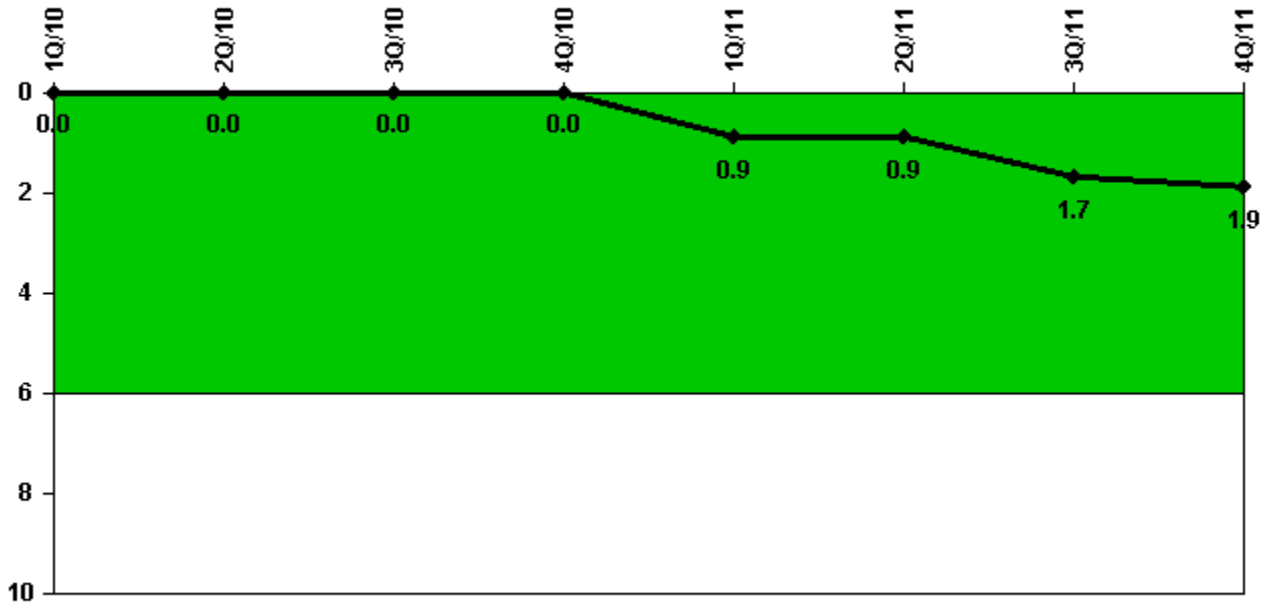
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Unplanned scrams	0	0	0	1.0	0	0	0	1.0
Critical hours	2062.2	1469.6	2208.0	1674.0	2159.0	2184.0	2208.0	868.4
Indicator value	0	0	0	0.9	0.9	0.9	0.9	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Unplanned power changes	0	0	0	0	1.0	0	1.0	0
Critical hours	2062.2	1469.6	2208.0	1674.0	2159.0	2184.0	2208.0	868.4
Indicator value	0	0	0	0	0.9	0.9	1.7	1.9

Licensee Comments: none

Unplanned Scrams with Complications



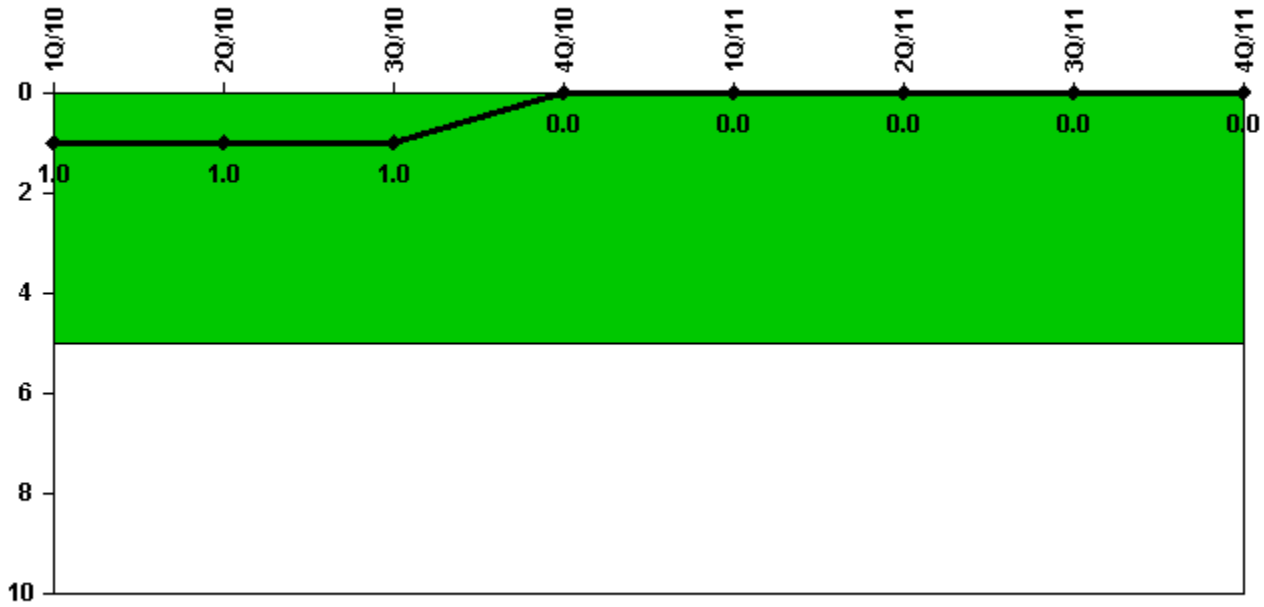
Thresholds: White > 1.0

Notes

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



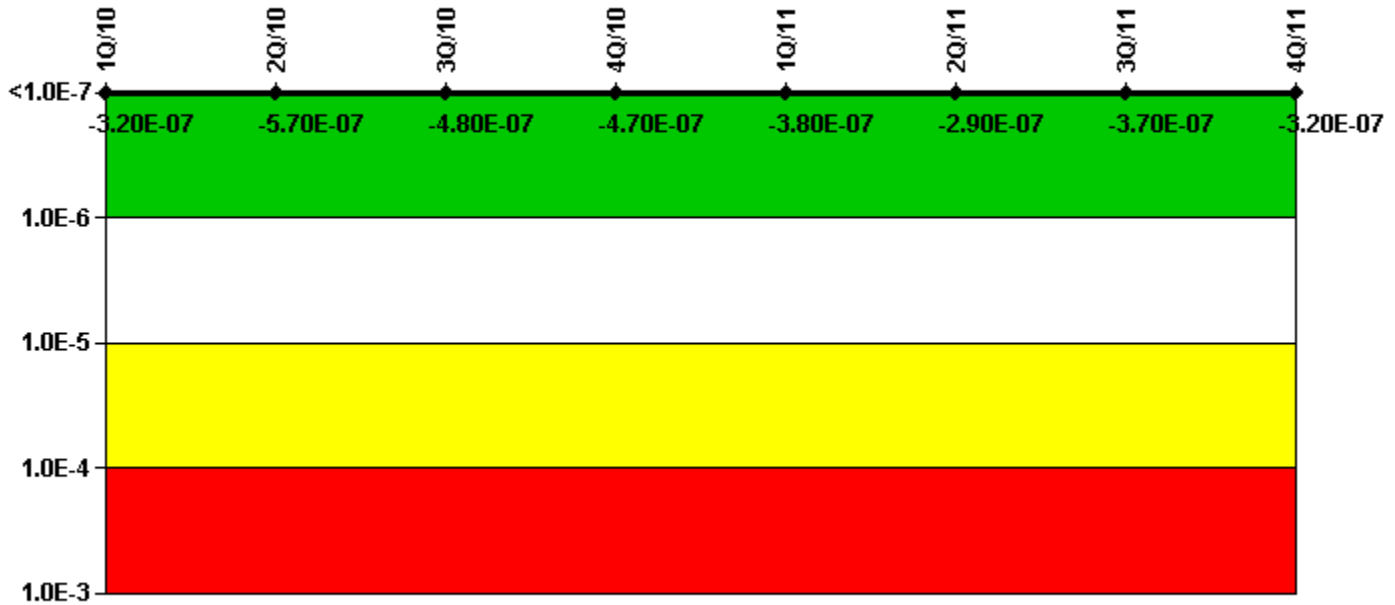
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



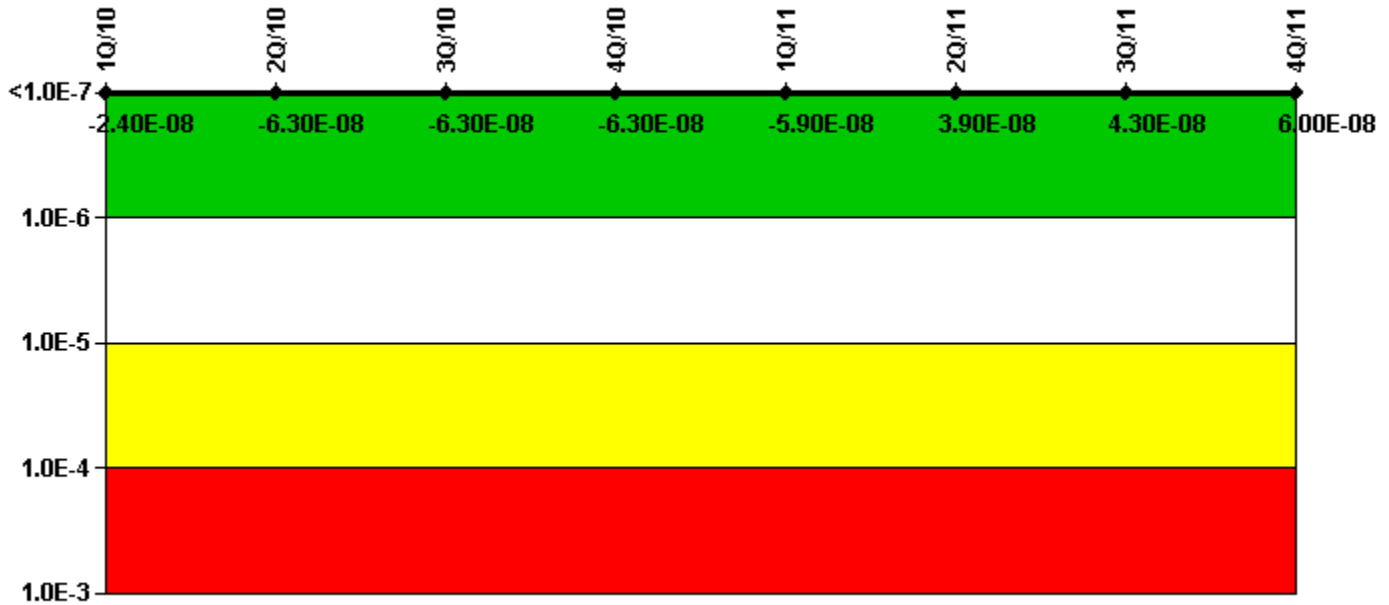
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (Δ CDF)	2.13E-07	-1.69E-07	-9.95E-08	-9.38E-08	-3.46E-10	9.16E-08	1.37E-08	6.02E-08
URI (Δ CDF)	-5.34E-07	-3.99E-07	-3.78E-07	-3.80E-07	-3.80E-07	-3.80E-07	-3.80E-07	-3.80E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.20E-07	-5.70E-07	-4.80E-07	-4.70E-07	-3.80E-07	-2.90E-07	-3.70E-07	-3.20E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



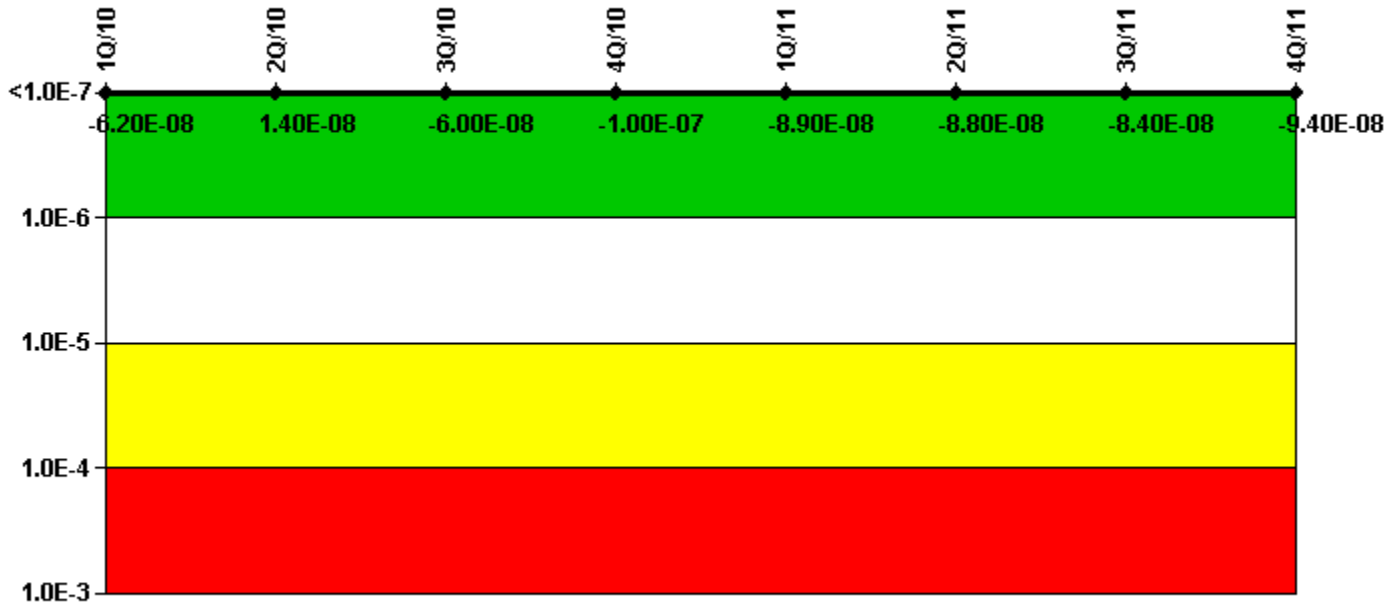
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (Δ CDF)	-1.20E-08	-5.11E-08	-5.11E-08	-5.11E-08	-4.78E-08	5.06E-08	5.46E-08	7.15E-08
URI (Δ CDF)	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.40E-08	-6.30E-08	-6.30E-08	-6.30E-08	-5.90E-08	3.90E-08	4.30E-08	6.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



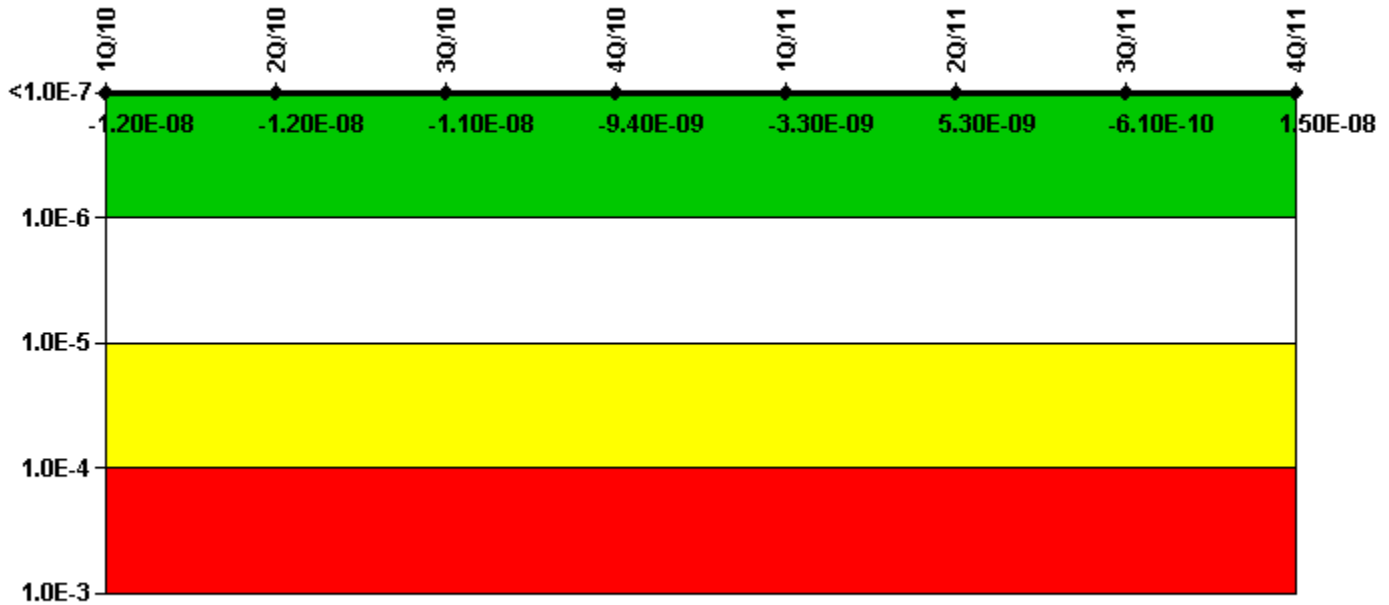
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (Δ CDF)	2.40E-08	9.93E-08	2.54E-08	-1.36E-08	-3.59E-09	-2.57E-09	8.05E-10	-9.36E-09
URI (Δ CDF)	-8.60E-08	-8.56E-08	-8.52E-08	-8.63E-08	-8.58E-08	-8.52E-08	-8.45E-08	-8.48E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.20E-08	1.40E-08	-6.00E-08	-1.00E-07	-8.90E-08	-8.80E-08	-8.40E-08	-9.40E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



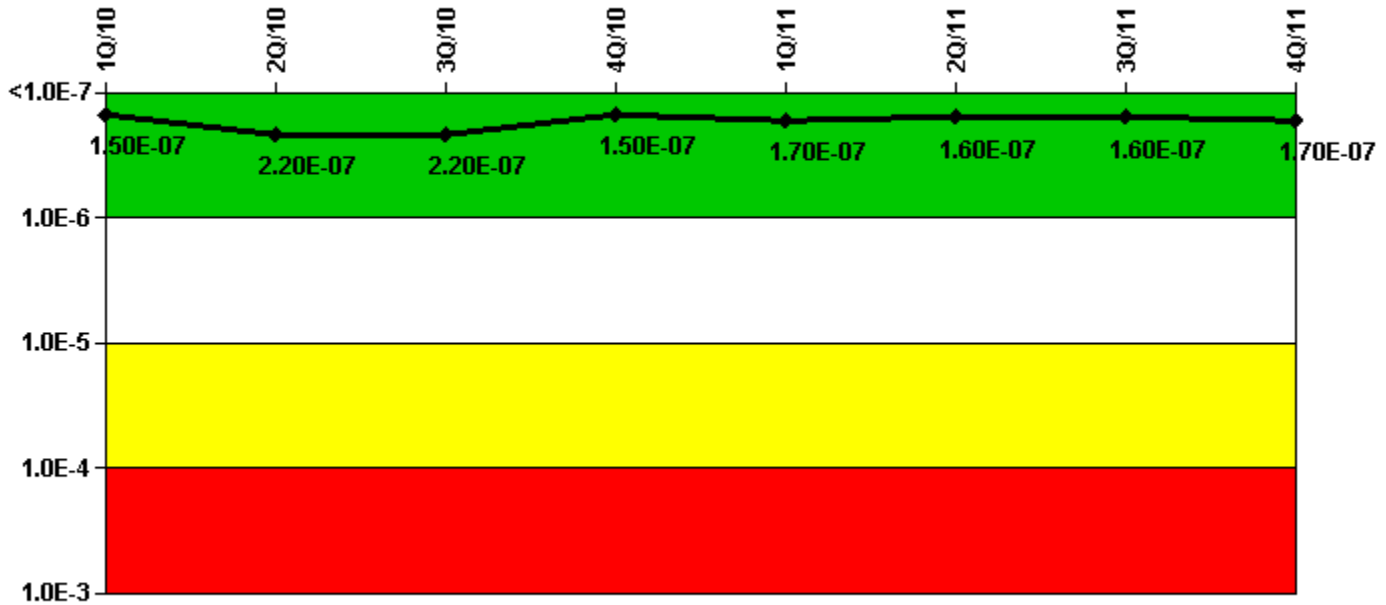
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (Δ CDF)	-9.42E-09	-9.64E-09	-8.57E-09	-7.14E-09	-1.10E-09	7.54E-09	1.64E-09	1.74E-08
URI (Δ CDF)	-2.31E-09	-2.28E-09	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09	-2.25E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.20E-08	-1.20E-08	-1.10E-08	-9.40E-09	-3.30E-09	5.30E-09	-6.10E-10	1.50E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



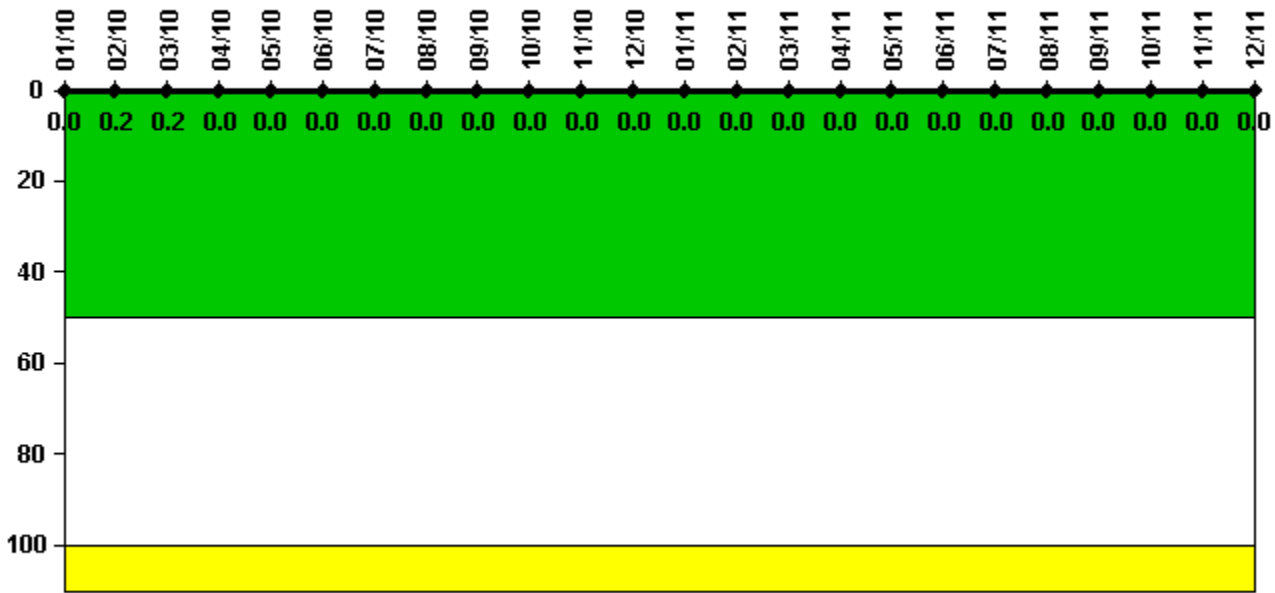
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (ΔCDF)	4.42E-08	1.08E-07	1.05E-07	3.64E-08	4.76E-08	4.70E-08	4.40E-08	4.81E-08
URI (ΔCDF)	1.08E-07	1.13E-07	1.18E-07	1.18E-07	1.18E-07	1.18E-07	1.18E-07	1.18E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.50E-07	2.20E-07	2.20E-07	1.50E-07	1.70E-07	1.60E-07	1.60E-07	1.70E-07

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

Notes

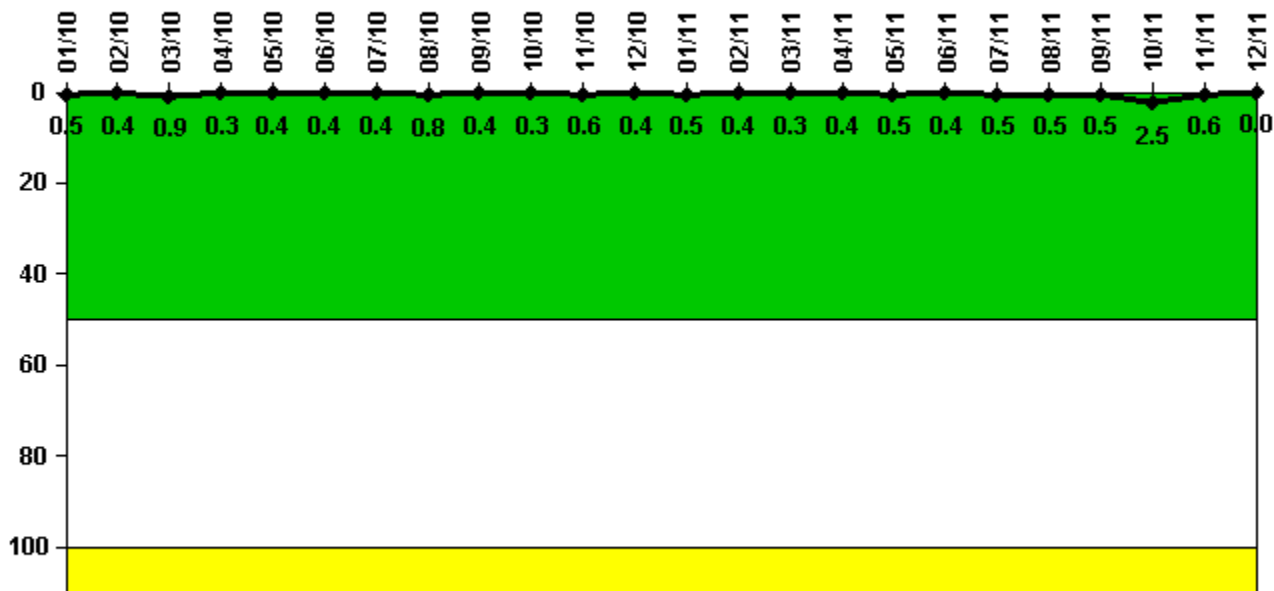
Reactor Coolant System Activity	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10
Maximum activity	0.000087	0.001610	0.001790	0	0.000093	0.000187	0.000067	0.000065	0.000073	0.000097	0.000083	0.000079
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0.2	0.2	0	0	0	0	0	0	0	0	0

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	0.000095	0.000094	0.000090	0.000096	0.000110	0.000109	0.000110	0.000107	0.000120	0.000120	0.000050	0
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments:

12/11: Unit 2 did not operate during December 2011

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

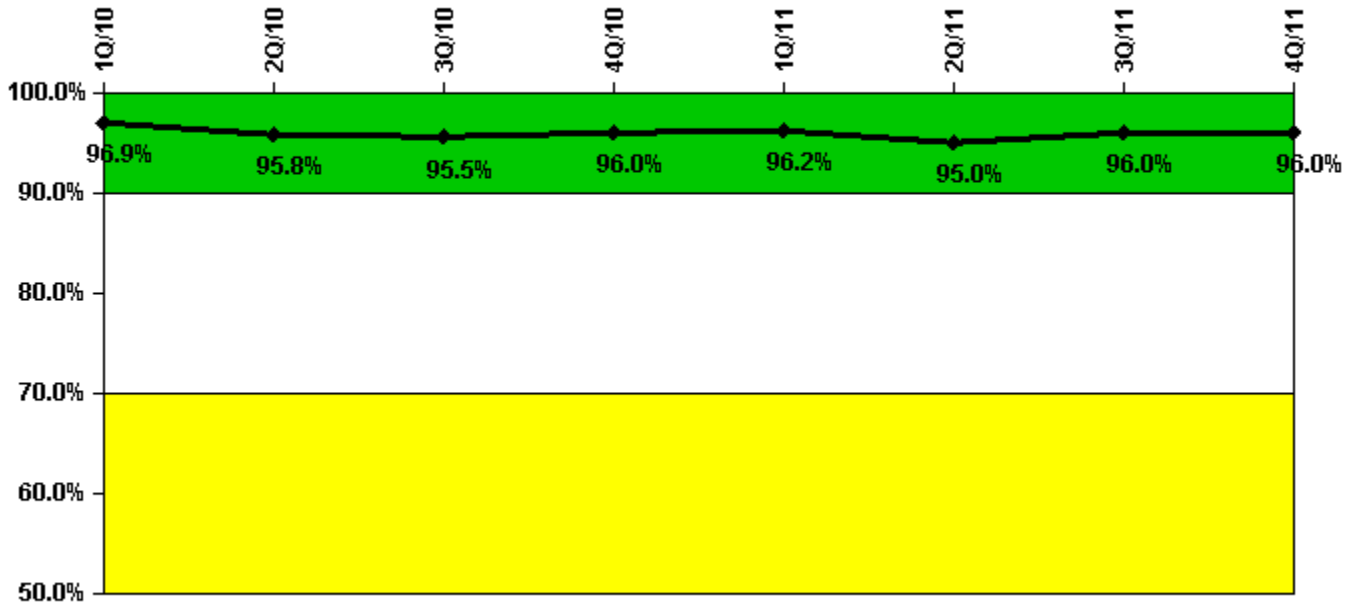
Notes

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	0.053	0.038	0.086	0.030	0.041	0.041	0.044	0.081	0.042	0.034	0.057	0.043
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	0.5	0.4	0.9	0.3	0.4	0.4	0.4	0.8	0.4	0.3	0.6	0.4
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	0.045	0.036	0.032	0.035	0.045	0.037	0.045	0.048	0.048	0.252	0.063	0
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	0.5	0.4	0.3	0.4	0.5	0.4	0.5	0.5	0.5	2.5	0.6	0

Licensee Comments:

12/11: U2 Rx trip on 11/29/11 0350 due to Main Gen. fault, CR 11-28753, LER 2-11-002. U2 entered Mode 5 on 11/30/11 at 0942. U2 remained in Mode 5 for all of Dec; therefore, RCS leakage surveillance is not required.

Drill/Exercise Performance



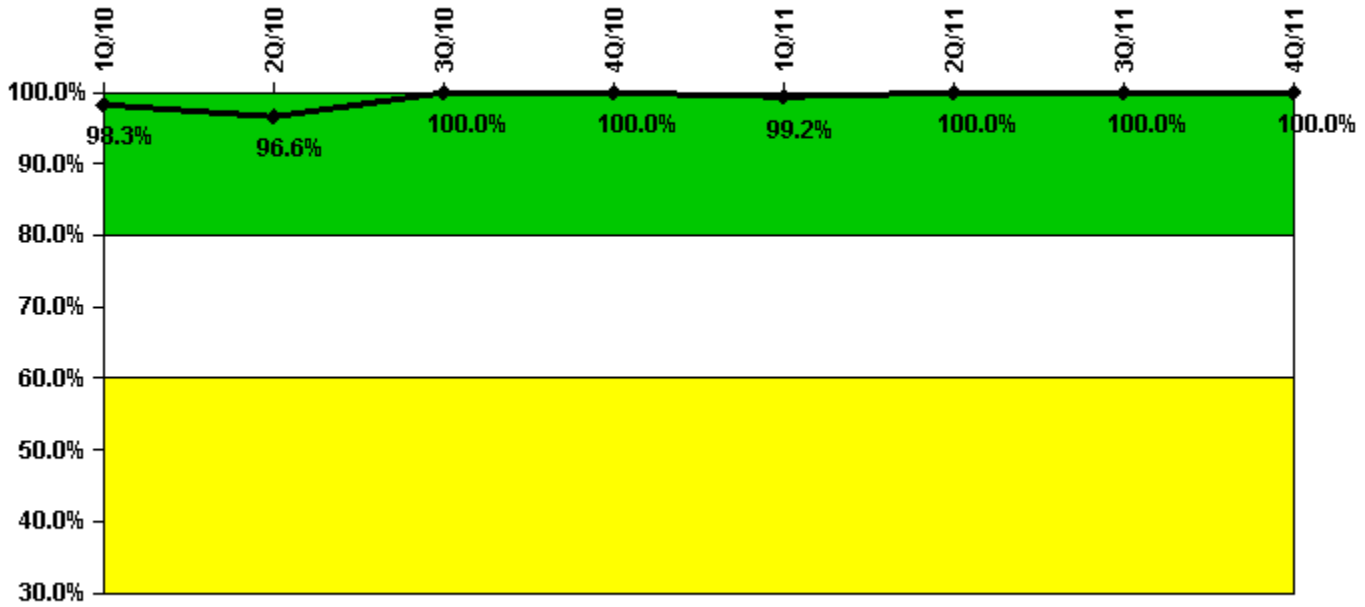
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Successful opportunities	1.0	9.0	68.0	110.0	14.0	10.0	102.0	0
Total opportunities	2.0	11.0	73.0	113.0	14.0	10.0	104.0	0
Indicator value	96.9%	95.8%	95.5%	96.0%	96.2%	95.0%	96.0%	96.0%

Licensee Comments: none

ERO Drill Participation



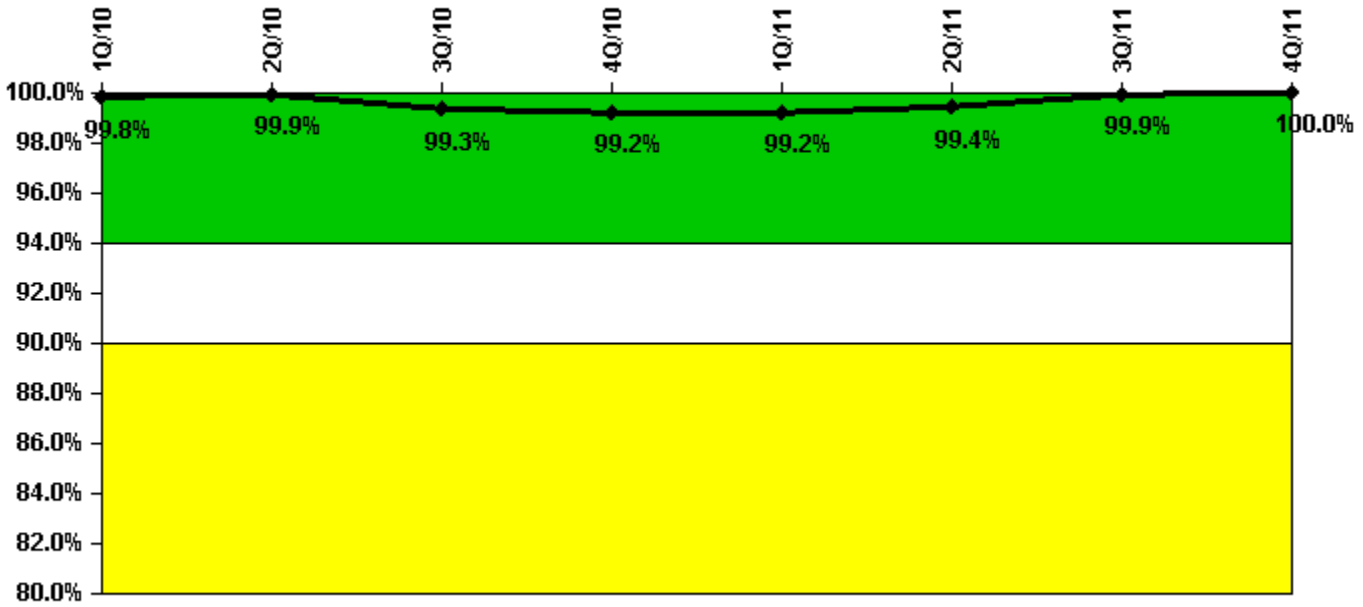
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Participating Key personnel	114.0	113.0	117.0	126.0	125.0	125.0	138.0	135.0
Total Key personnel	116.0	117.0	117.0	126.0	126.0	125.0	138.0	135.0
Indicator value	98.3%	96.6%	100.0%	100.0%	99.2%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



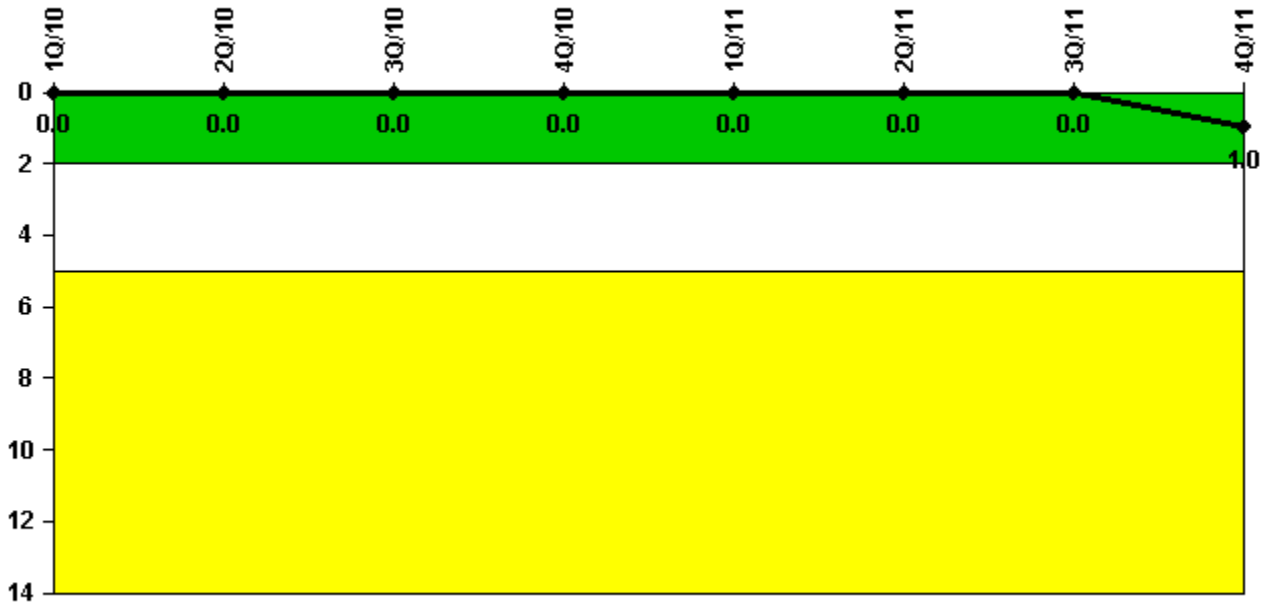
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Successful siren-tests	256	191	219	223	256	224	256	256
Total sirens-tests	256	192	224	224	256	224	256	256
Indicator value	99.8%	99.9%	99.3%	99.2%	99.2%	99.4%	99.9%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

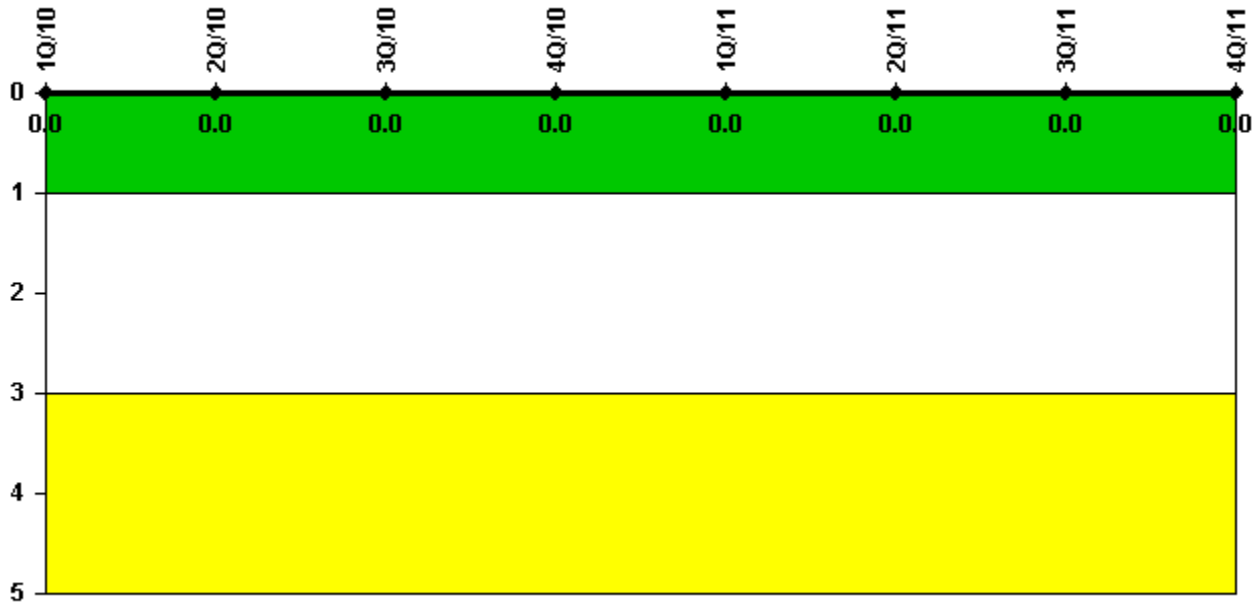
Notes

Occupational Exposure Control Effectiveness	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/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	1
Indicator value	0	0	0	0	0	0	0	1

Licensee Comments:

4Q/11: U2 Nov. Unintended exposure occurrences - CR (CAQ-S) 11-26534 initiated on 11/16/11 due to under-monitoring personnel's highest whole body receptor for workers performing repairs and inspections of the Rx Head Flange O-Ring Seating Surfaces was determined to be a Cornerstone Event for greater than 100 mrem dose above the licensee's RWP limit. The dose was added based on TLD results.

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

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