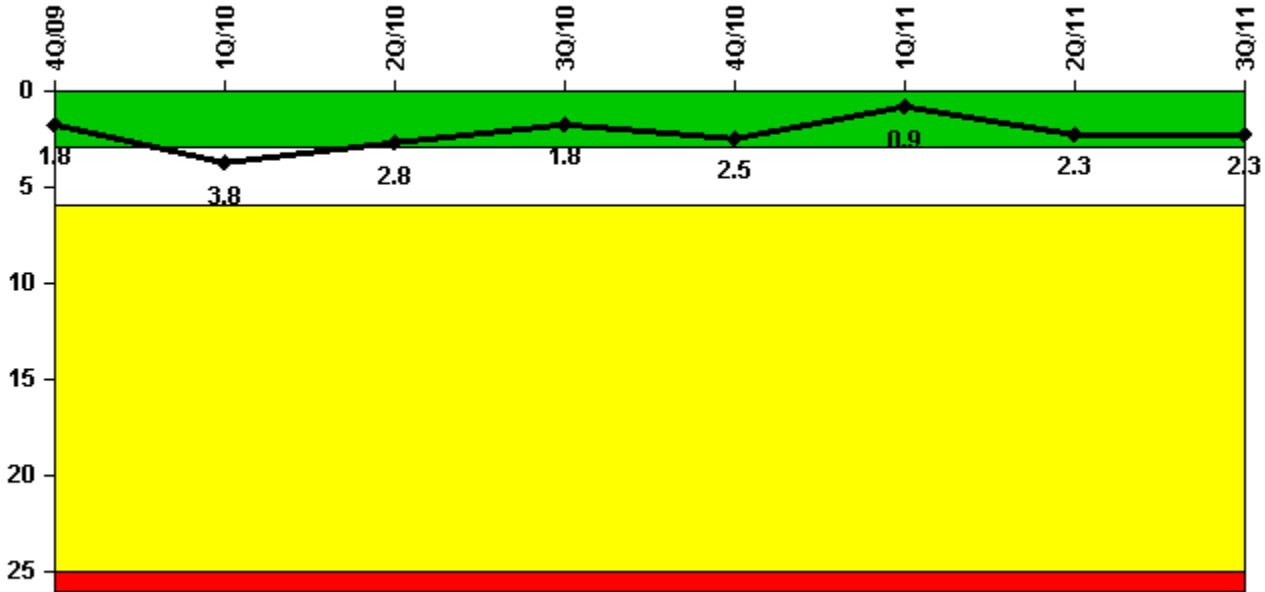


Wolf Creek 1

3Q/2011 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



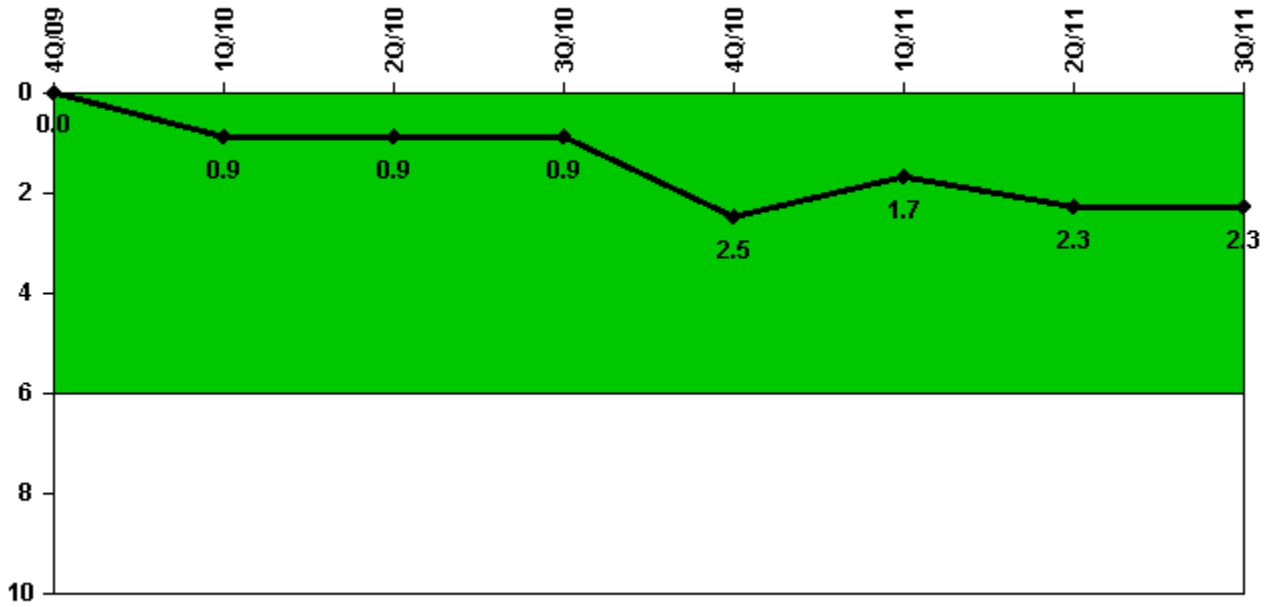
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Unplanned scrams	0	2.0	0	0	1.0	0	1.0	0
Critical hours	1207.1	2005.2	2184.0	2208.0	1852.4	1847.9	132.5	2208.0
Indicator value	1.8	3.8	2.8	1.8	2.5	0.9	2.3	2.3

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



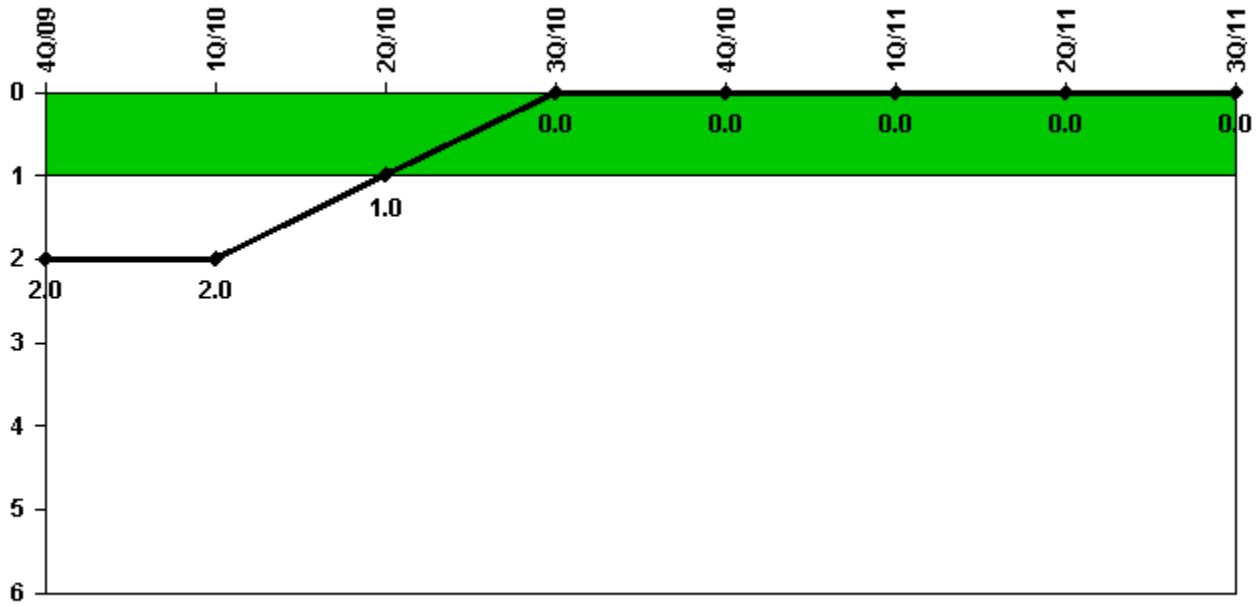
Thresholds: White > 6.0

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	1.0	0	0	2.0	0	0	0
Critical hours	1207.1	2005.2	2184.0	2208.0	1852.4	1847.9	132.5	2208.0
Indicator value	0	0.9	0.9	0.9	2.5	1.7	2.3	2.3

Licensee Comments: none

Unplanned Scrams with Complications



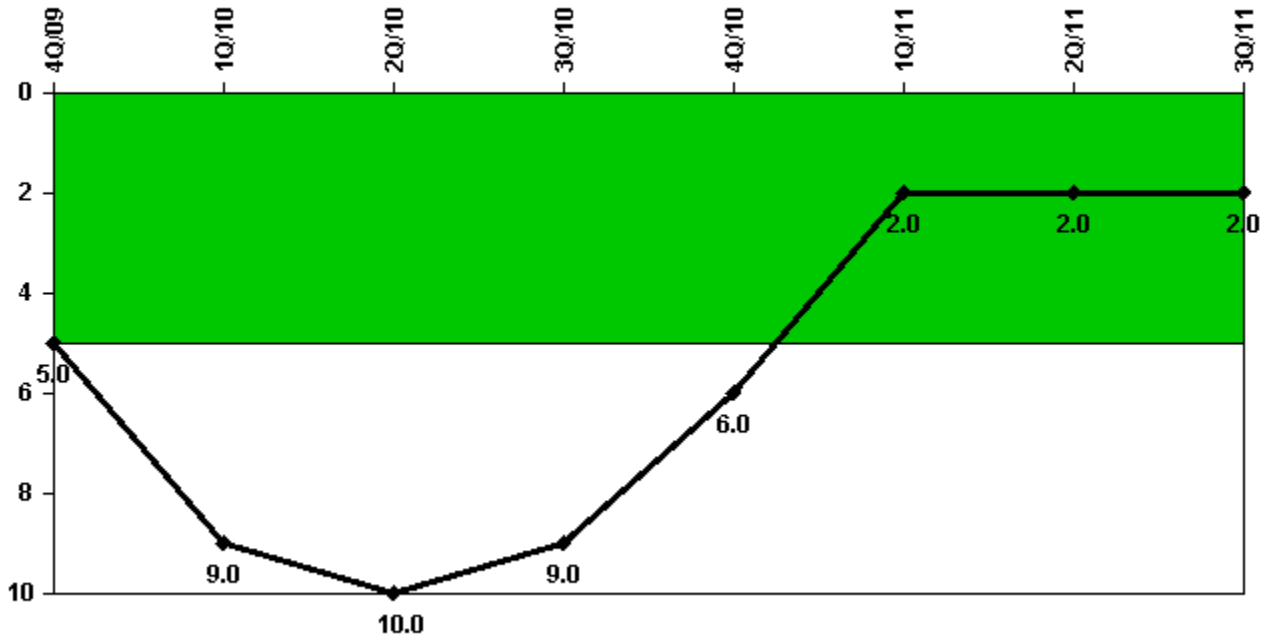
Thresholds: White > 1.0

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	2.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

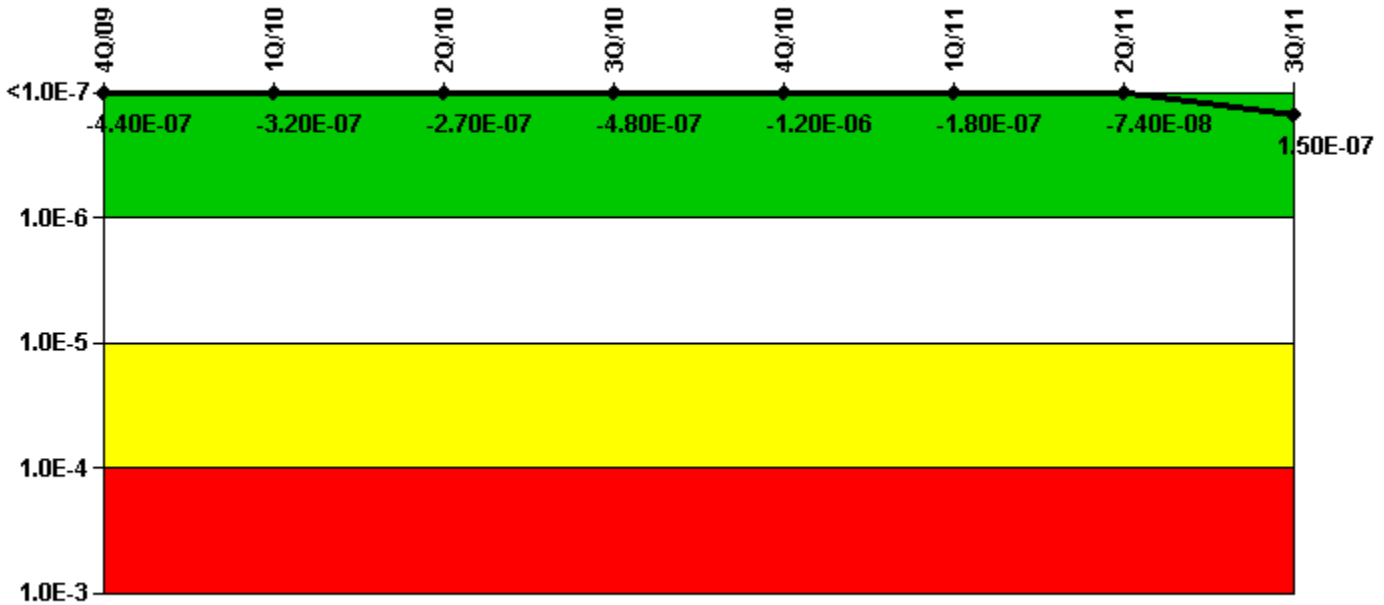
Safety System Functional Failures (PWR)	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Safety System Functional Failures	4	4	1	0	1	0	1	0
Indicator value	5	9	10	9	6	2	2	2

Licensee Comments:

3Q/11: Letter WO 11-0078 submitted 9/29/11 provided supplemental report to indicate LER 2011-004-00 is not reportable as a SSFF.

2Q/11: Correction to LER # in quarterly comment. LER 2011-002-00 only. LER 2011-001-00 was determined to not be a SSFF and was cancelled. Letter WO 11-0078 submitted 9/29/11 provided supplemental report to indicate LER 2011-004-00 (05/11) is not reportable as a SSFF. No color change to this indicator.

Mitigating Systems Performance Index, Emergency AC Power System



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

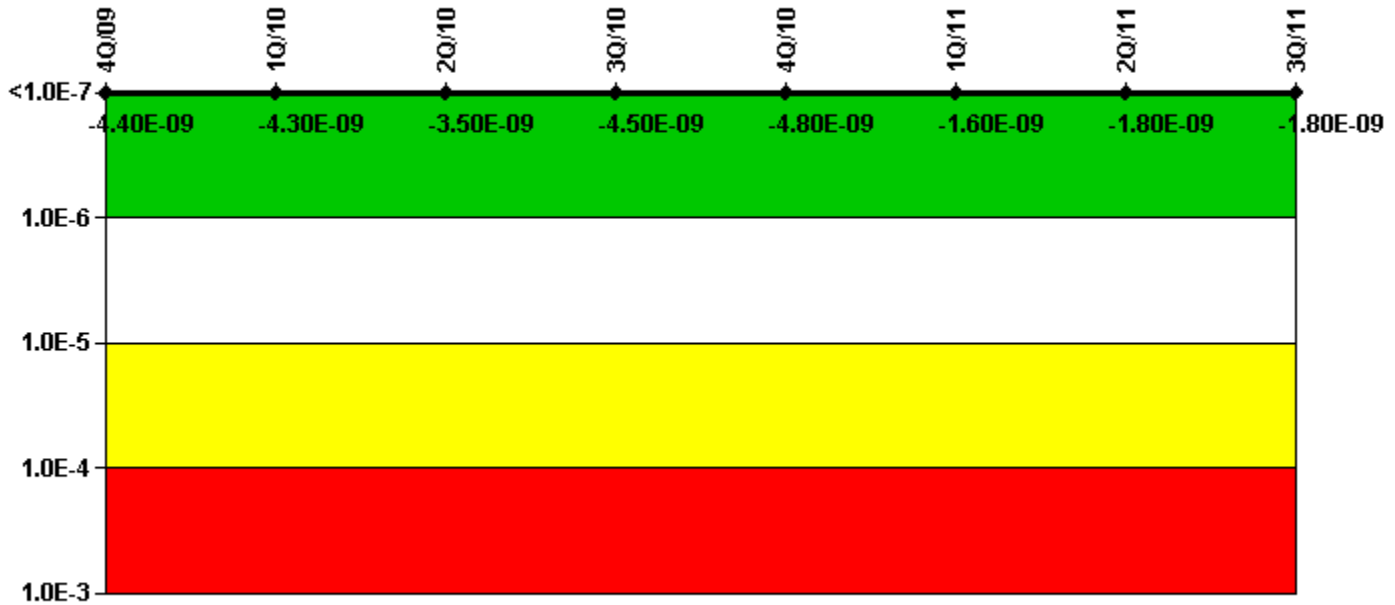
Notes

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 (Δ CDF)	8.18E-07	9.58E-07	1.00E-06	8.16E-07	7.29E-07	9.99E-07	1.07E-06	1.36E-06
URI (Δ CDF)	-1.26E-06	-1.28E-06	-1.28E-06	-1.30E-06	-1.94E-06	-1.18E-06	-1.14E-06	-1.21E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.40E-07	-3.20E-07	-2.70E-07	-4.80E-07	-1.20E-06	-1.80E-07	-7.40E-08	1.50E-07

Licensee Comments:

3Q/11: Risk Cap Invoked. EDG Load Oscillation - Functional Failure Evaluation is still open. Currently pursuing vendor evaluation of potential "Load Failure" from two vendors.

Mitigating Systems Performance Index, High Pressure Injection System



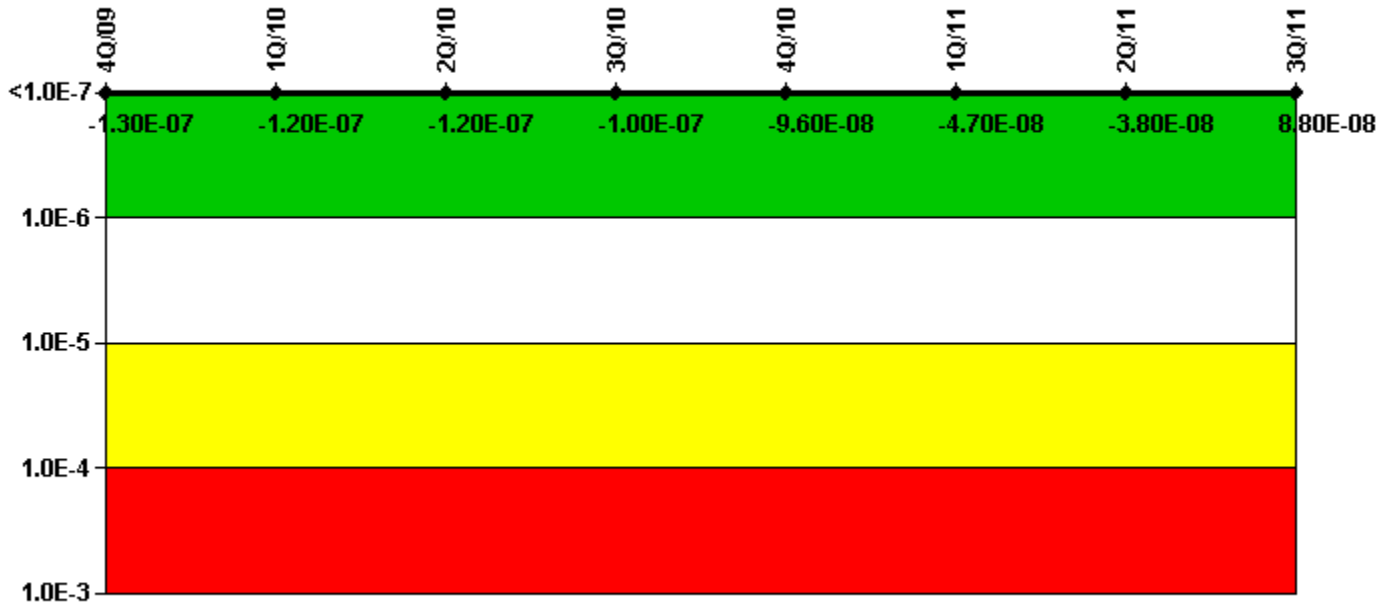
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (Δ CDF)	-2.18E-09	-2.13E-09	-2.14E-09	-2.08E-09	-2.10E-09	5.10E-10	6.45E-10	6.70E-10
URI (Δ CDF)	-2.21E-09	-2.22E-09	-1.37E-09	-2.44E-09	-2.74E-09	-2.14E-09	-2.40E-09	-2.46E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.40E-09	-4.30E-09	-3.50E-09	-4.50E-09	-4.80E-09	-1.60E-09	-1.80E-09	-1.80E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



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

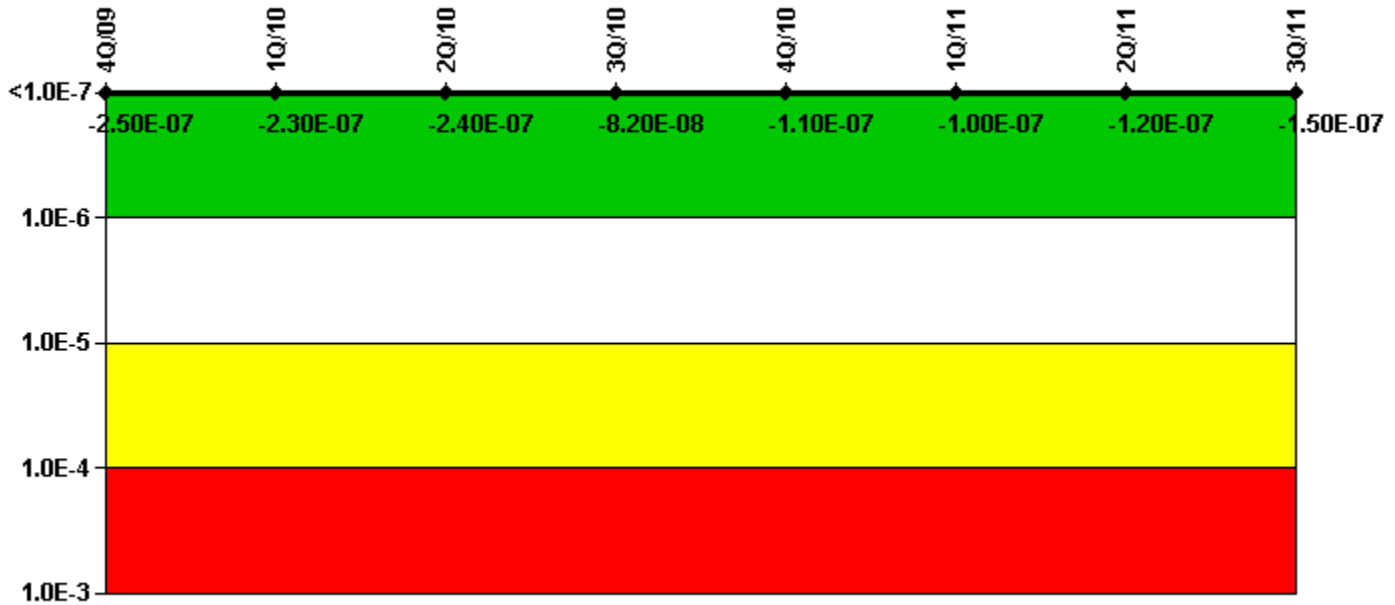
Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (Δ CDF)	8.61E-10	5.82E-09	9.14E-09	3.08E-08	3.67E-08	8.00E-08	9.01E-08	2.18E-07
URI (Δ CDF)	-1.26E-07	-1.28E-07	-1.28E-07	-1.30E-07	-1.32E-07	-1.27E-07	-1.28E-07	-1.29E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.30E-07	-1.20E-07	-1.20E-07	-1.00E-07	-9.60E-08	-4.70E-08	-3.80E-08	8.80E-08

Licensee Comments:

3Q/11: TDAFWP oil issue - Functional Failure Evaluation is still open. Currently pursuing vendor evaluation of potential "Run Time Failure".

Mitigating Systems Performance Index, Residual Heat Removal System



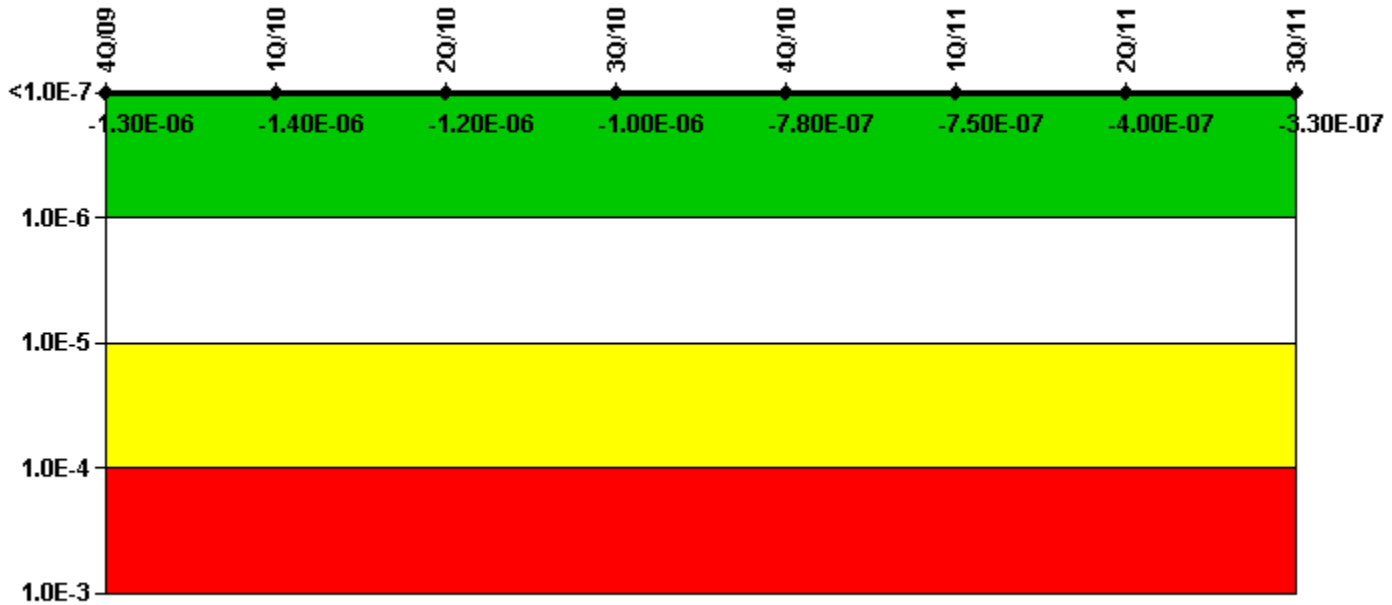
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (Δ CDF)	-1.56E-08	2.29E-09	-6.74E-09	1.70E-07	1.54E-07	1.62E-07	1.65E-07	1.37E-07
URI (Δ CDF)	-2.30E-07	-2.32E-07	-2.36E-07	-2.52E-07	-2.64E-07	-2.64E-07	-2.87E-07	-2.88E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.50E-07	-2.30E-07	-2.40E-07	-8.20E-08	-1.10E-07	-1.00E-07	-1.20E-07	-1.50E-07

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



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

Notes

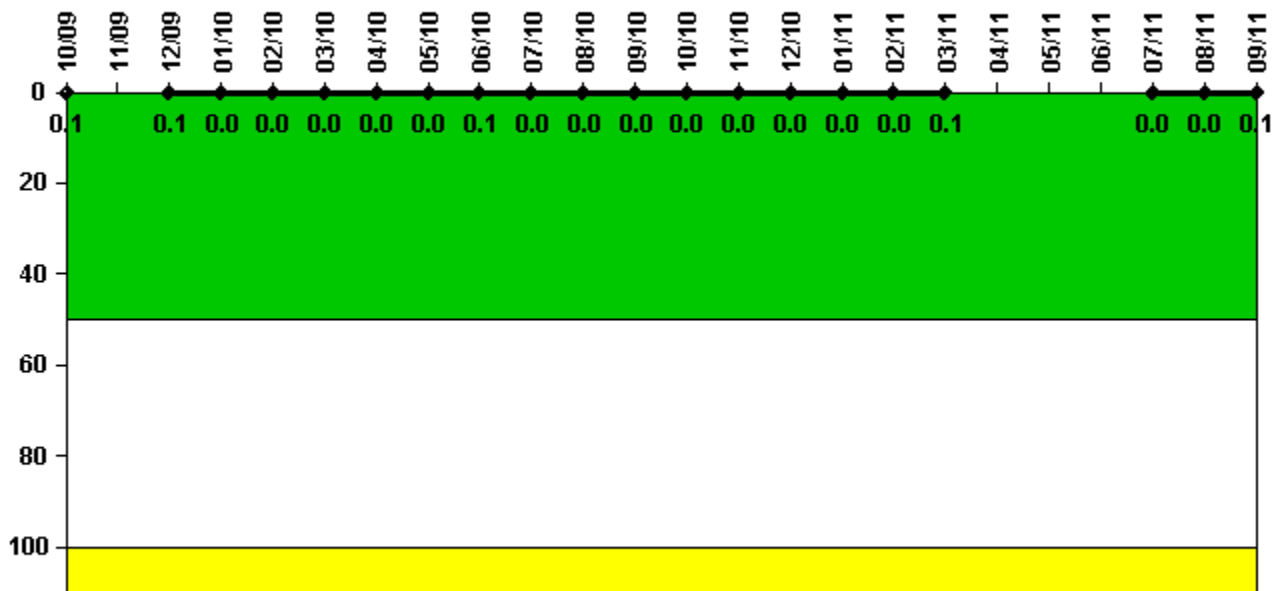
Mitigating Systems Performance Index, Cooling Water Systems	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (Δ CDF)	7.65E-08	4.71E-08	2.64E-07	4.26E-07	6.46E-07	6.79E-07	5.40E-07	6.42E-07
URI (Δ CDF)	-1.42E-06	-1.42E-06	-1.43E-06	-1.44E-06	-1.43E-06	-1.43E-06	-9.36E-07	-9.74E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.30E-06	-1.40E-06	-1.20E-06	-1.00E-06	-7.80E-07	-7.50E-07	-4.00E-07	-3.30E-07

Licensee Comments:

3Q/11: Risk Cap Invoked.

2Q/11: Risk Cap Invoked. Based on the results from hardware failure analysis report (10-3-11) additional testing was performed - during the course of vendor motor startup for final operational testing, the stator winding failed. A start/demand failure has been recorded for 05/11. No color change to this indicator.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

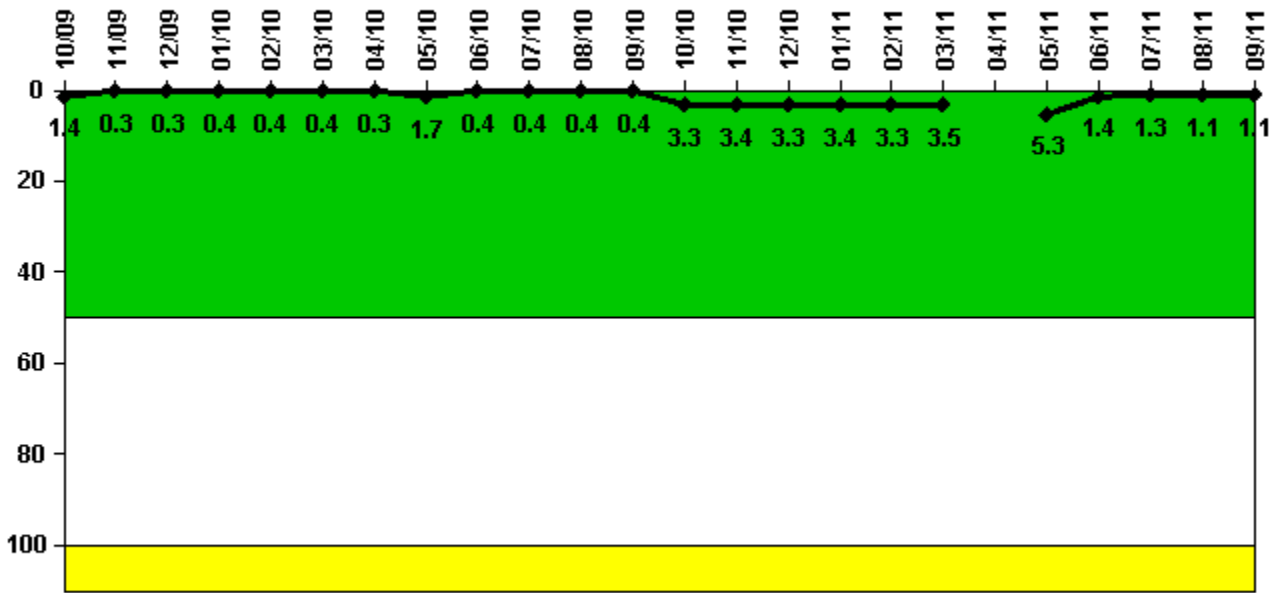
Notes

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	0.000600	N/A	0.000600	0.000300	0.000300	0.000300	0.000300	0.000400	0.000500	0.000400	0.000400	0.000400
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	0.1	N/A	0.1	0	0	0	0	0	0.1	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	0.000400	0.000400	0.000400	0.000400	0.000400	0.000500	N/A	N/A	N/A	0.000200	0.000200	0.000800
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	0.1	N/A	N/A	N/A	0	0	0.1

Licensee Comments: none

Reactor Coolant System Leakage



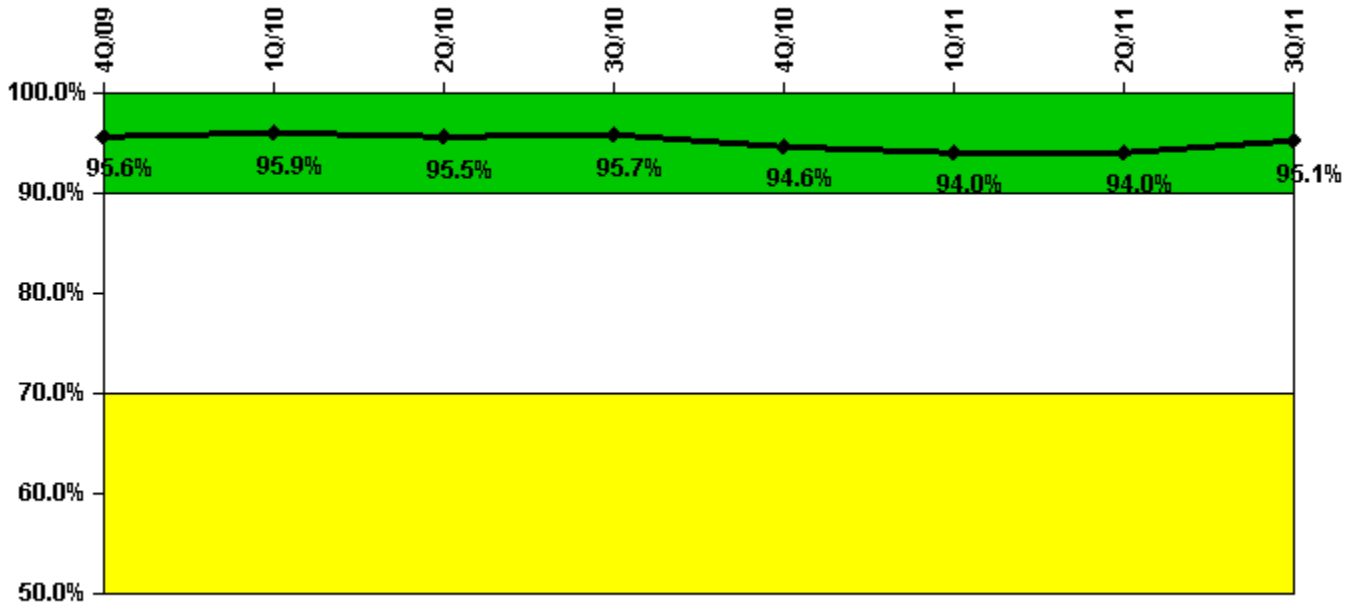
Thresholds: White > 50.0 Yellow > 100.0

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	0.140	0.030	0.030	0.040	0.040	0.040	0.030	0.170	0.040	0.040	0.040	0.040
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	1.4	0.3	0.3	0.4	0.4	0.4	0.3	1.7	0.4	0.4	0.4	0.4
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	0.330	0.340	0.330	0.340	0.330	0.350	N/A	0.530	0.140	0.130	0.110	0.110
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	3.3	3.4	3.3	3.4	3.3	3.5	N/A	5.3	1.4	1.3	1.1	1.1

Licensee Comments: none

Drill/Exercise Performance



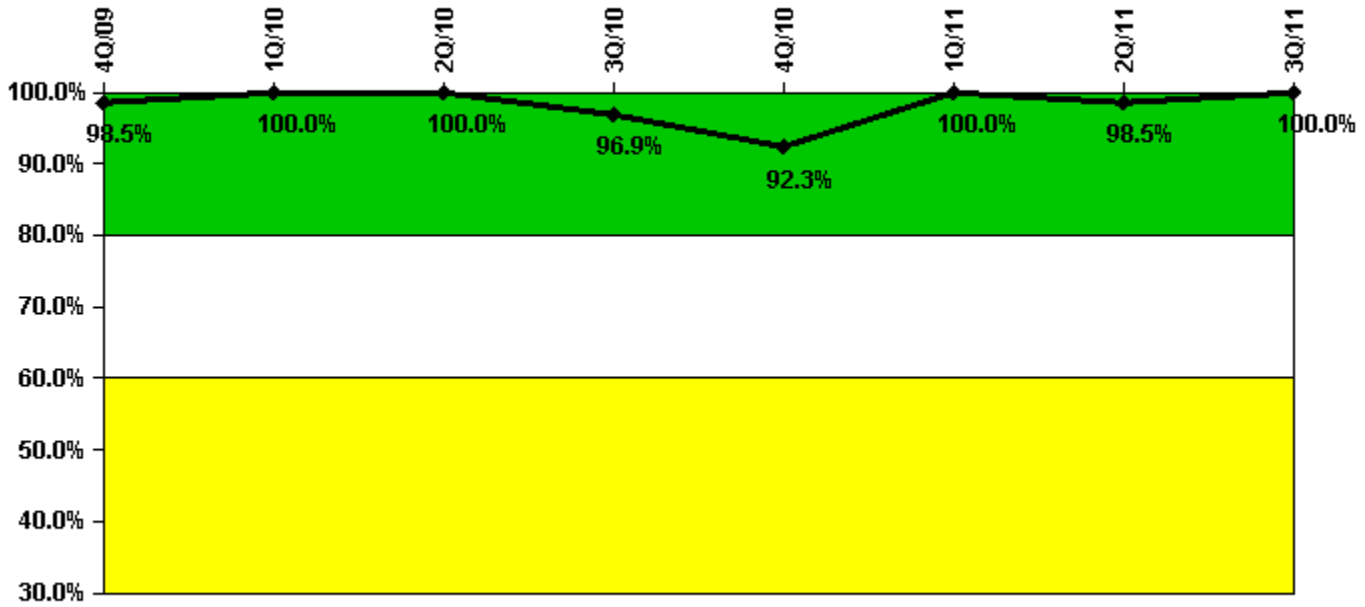
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Successful opportunities	1.0	128.0	37.0	31.0	57.0	18.0	16.0	163.0
Total opportunities	2.0	131.0	41.0	36.0	62.0	20.0	16.0	166.0
Indicator value	95.6%	95.9%	95.5%	95.7%	94.6%	94.0%	94.0%	95.1%

Licensee Comments: none

ERO Drill Participation



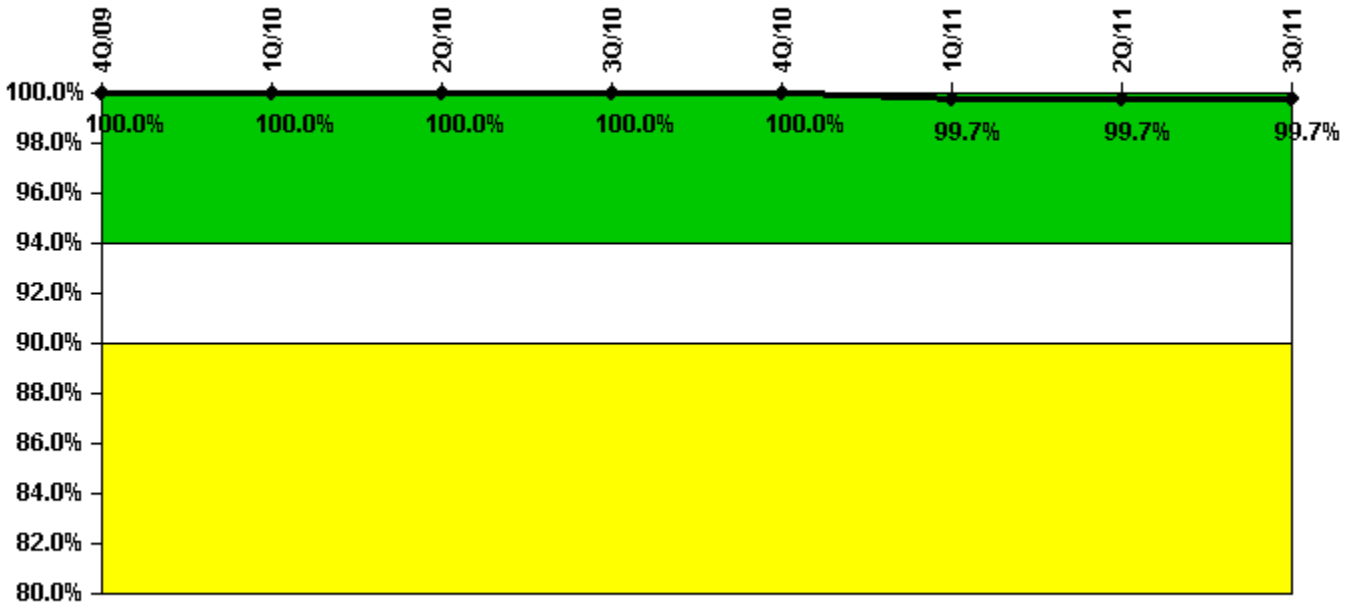
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Participating Key personnel	64.0	69.0	66.0	63.0	60.0	66.0	65.0	66.0
Total Key personnel	65.0	69.0	66.0	65.0	65.0	66.0	66.0	66.0
Indicator value	98.5%	100.0%	100.0%	96.9%	92.3%	100.0%	98.5%	100.0%

Licensee Comments: none

Alert & Notification System



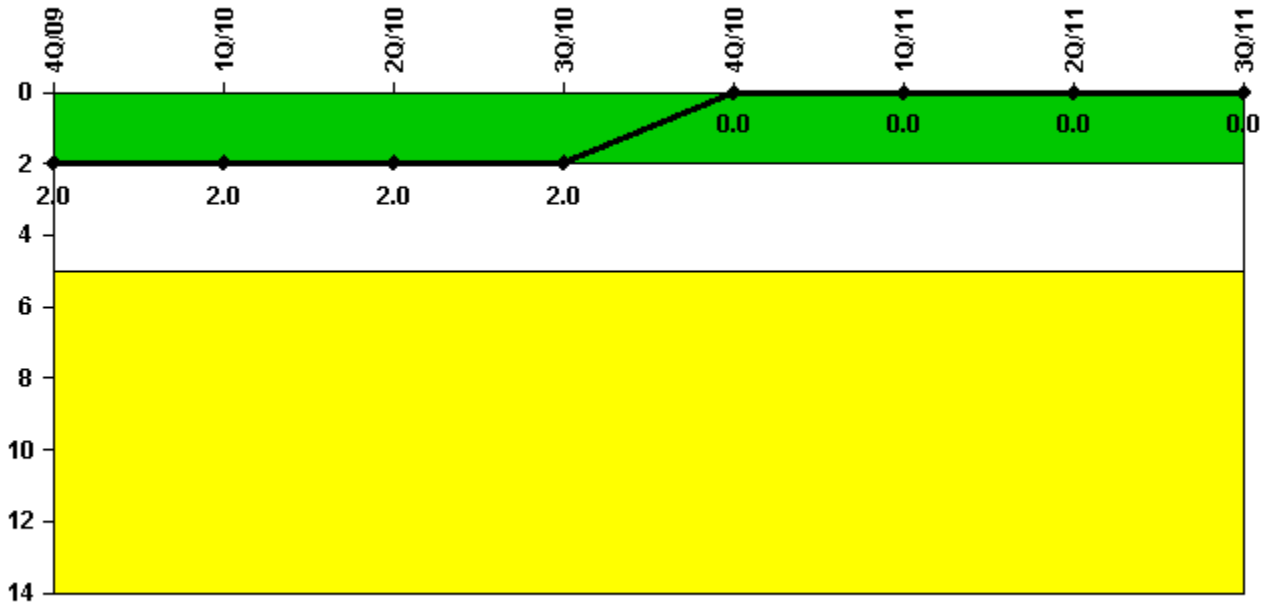
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Successful siren-tests	77	77	77	66	77	76	77	66
Total sirens-tests	77	77	77	66	77	77	77	66
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	99.7%	99.7%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



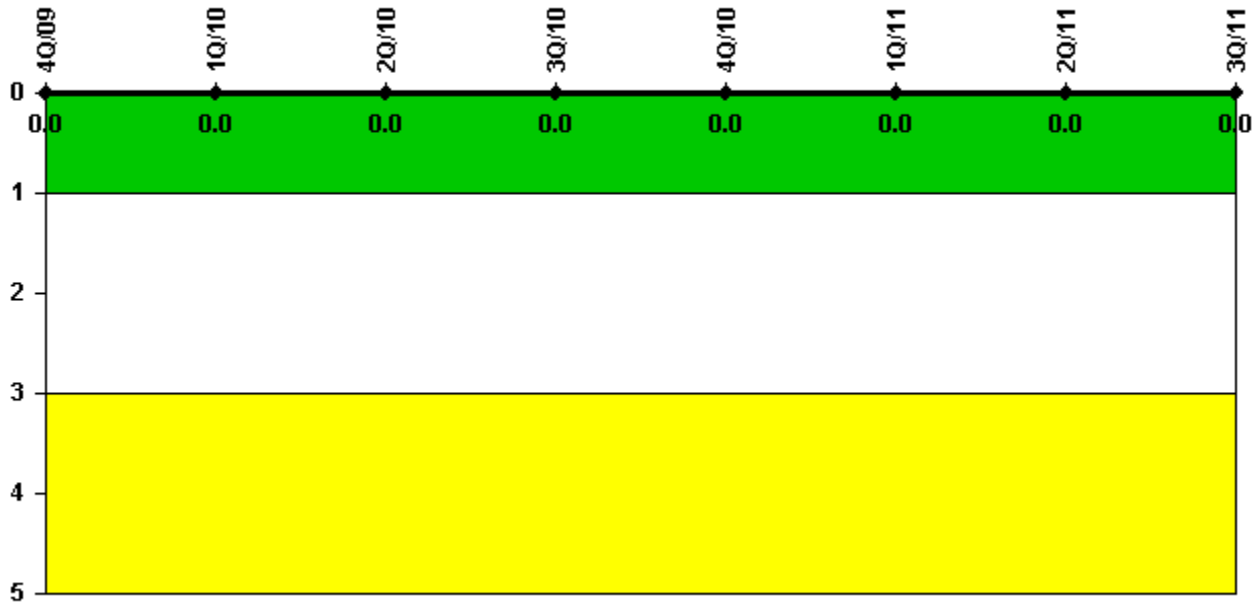
Thresholds: White > 2.0 Yellow > 5.0

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	2	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	2	2	2	2	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.