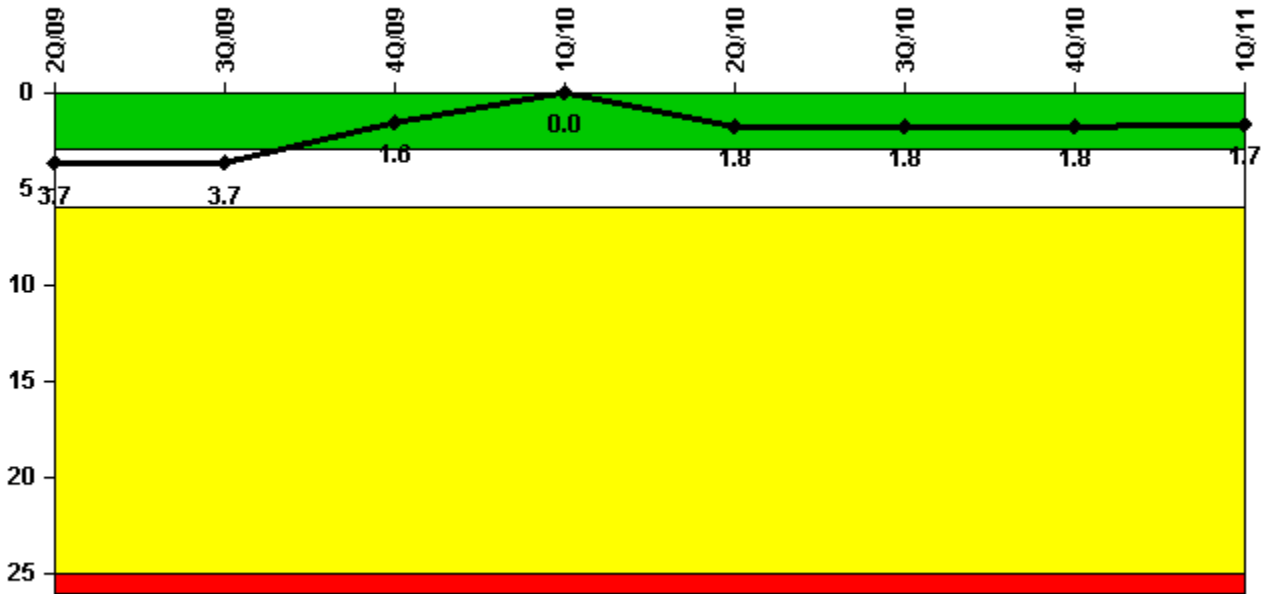


Arkansas Nuclear 1

1Q/2011 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



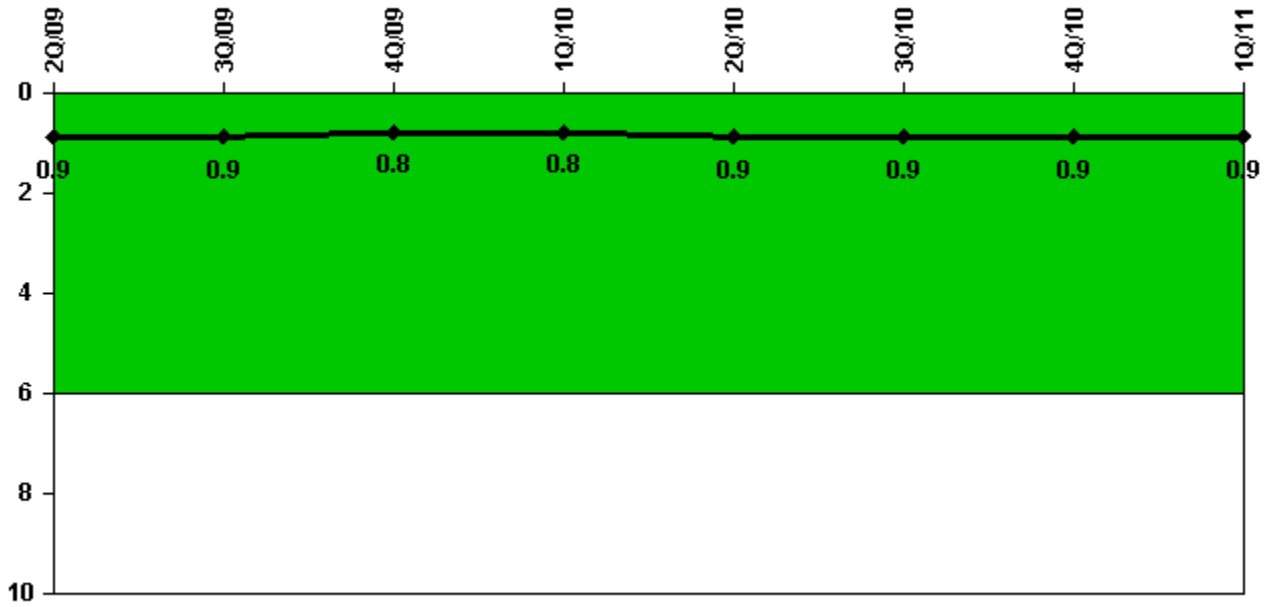
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	0	0	0	0	2.0	0	0	0
Critical hours	2184.0	2208.0	2209.0	1903.0	1611.9	2208.0	2209.0	2159.0
Indicator value	3.7	3.7	1.6	0	1.8	1.8	1.8	1.7

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



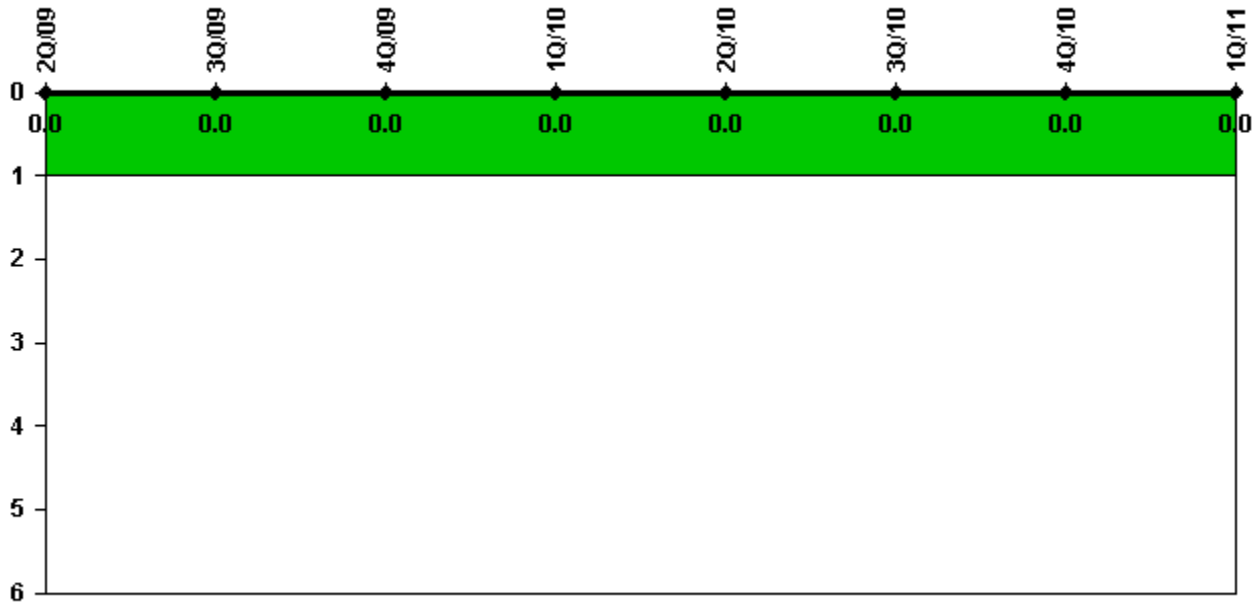
Thresholds: White > 6.0

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	1.0	0	0	0	1.0	0	0	0
Critical hours	2184.0	2208.0	2209.0	1903.0	1611.9	2208.0	2209.0	2159.0
Indicator value	0.9	0.9	0.8	0.8	0.9	0.9	0.9	0.9

Licensee Comments: none

Unplanned Scrams with Complications



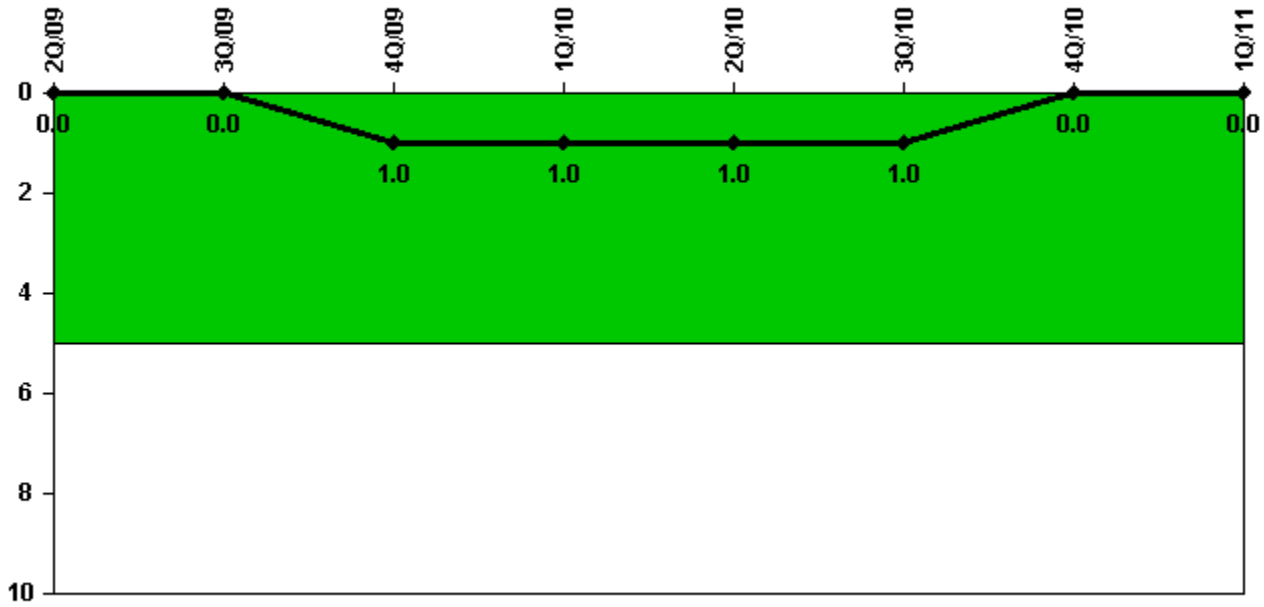
Thresholds: White > 1.0

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 (PWR)



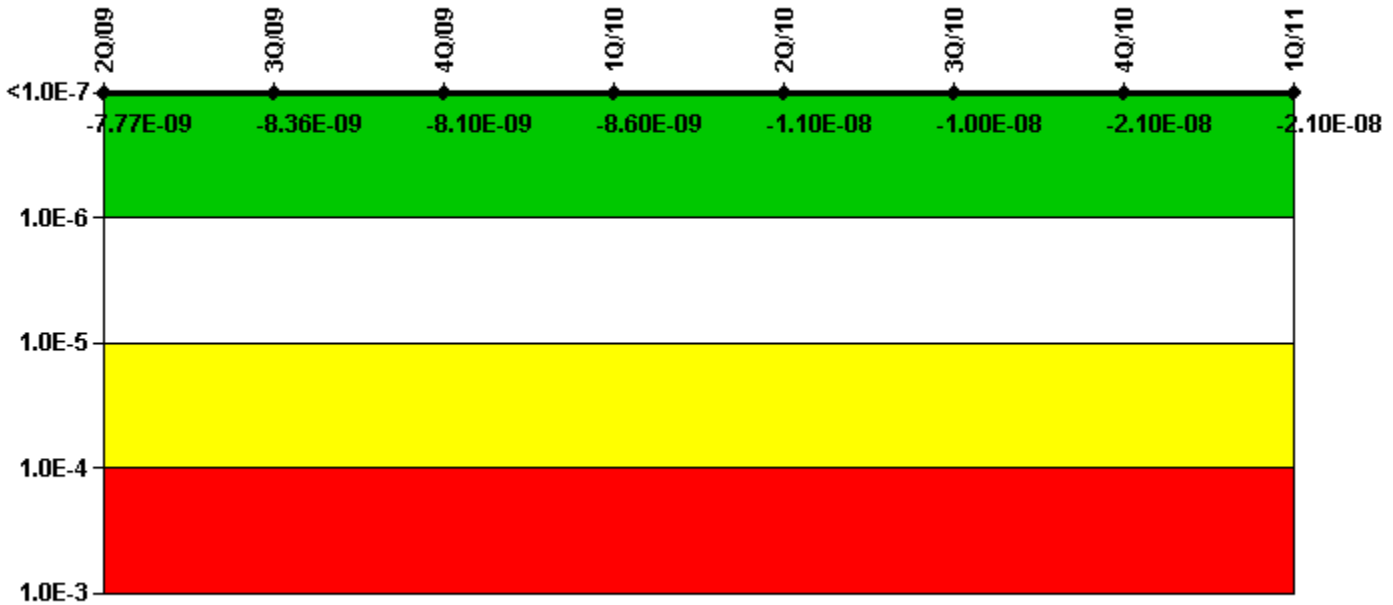
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



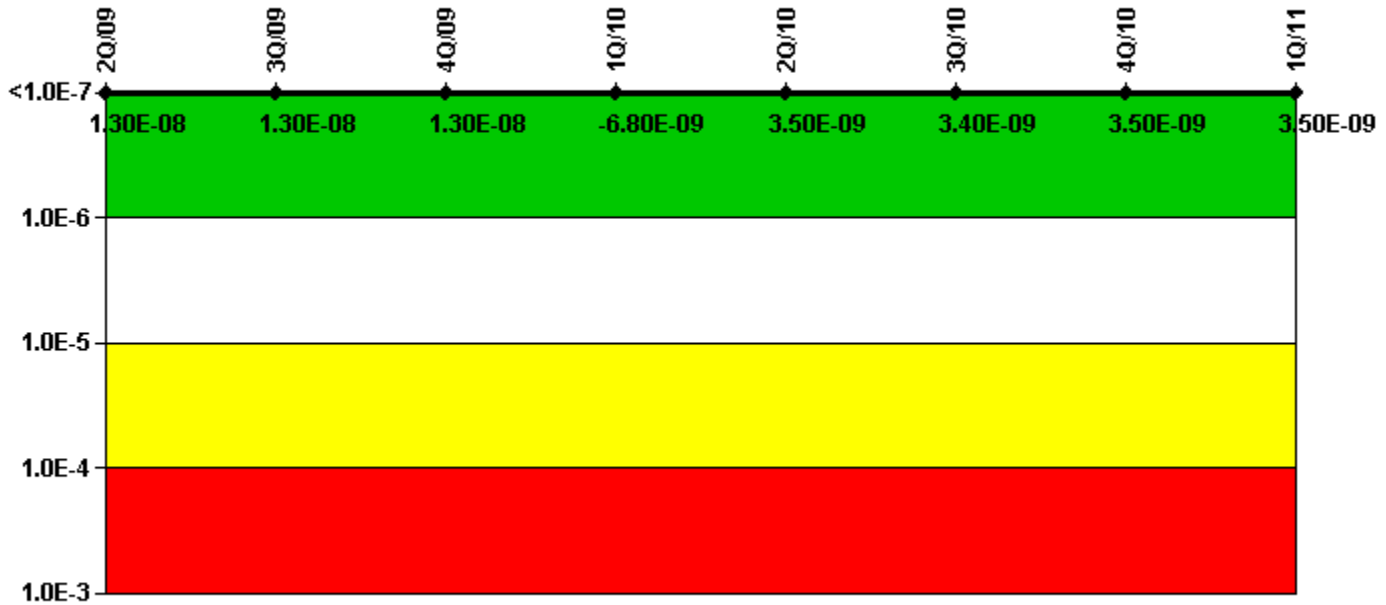
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (Δ CDF)	9.30E-10	9.40E-10	1.90E-09	1.27E-09	-2.11E-09	-2.11E-09	-2.38E-09	-2.38E-09
URI (Δ CDF)	-8.70E-09	-9.30E-09	-1.00E-08	-9.84E-09	-8.78E-09	-8.22E-09	-1.82E-08	-1.82E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-7.77E-09	-8.36E-09	-8.10E-09	-8.60E-09	-1.10E-08	-1.00E-08	-2.10E-08	-2.10E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



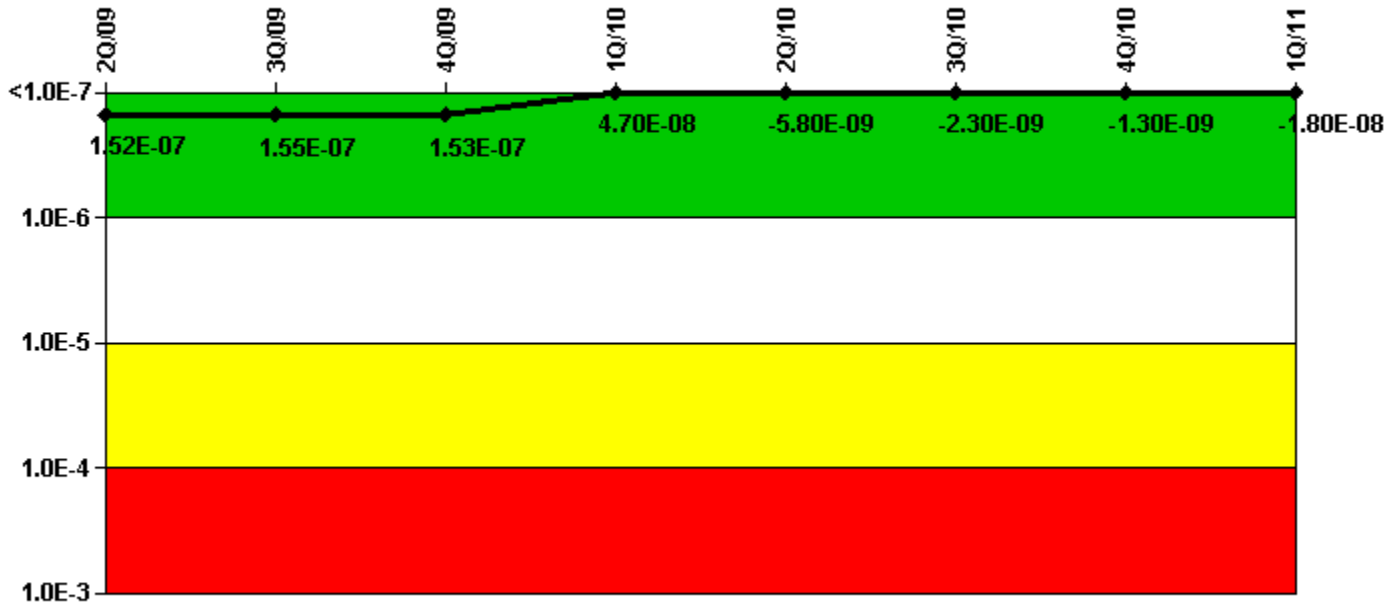
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (Δ CDF)	3.20E-08	3.20E-08	3.20E-08	2.12E-11	2.13E-11	1.78E-11	-4.47E-12	-4.45E-12
URI (Δ CDF)	-1.90E-08	-1.90E-08	-1.90E-08	-6.81E-09	3.46E-09	3.40E-09	3.54E-09	3.54E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.30E-08	1.30E-08	1.30E-08	-6.80E-09	3.50E-09	3.40E-09	3.50E-09	3.50E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



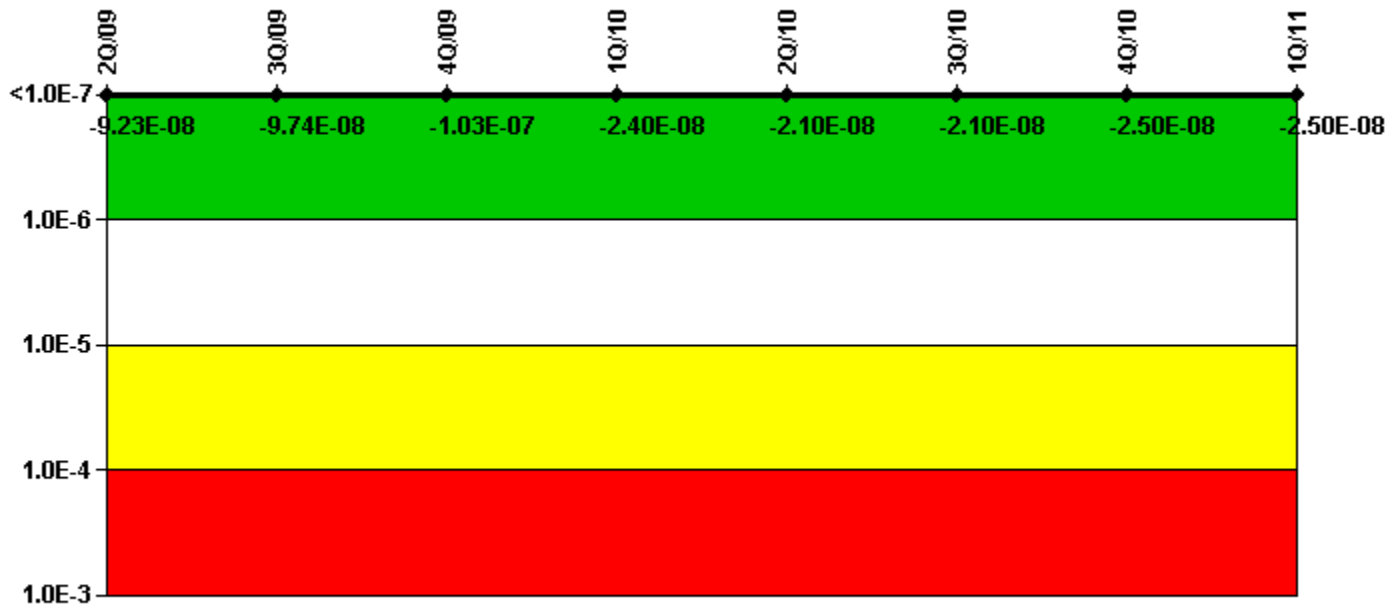
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (Δ CDF)	9.40E-08	9.70E-08	9.30E-08	2.70E-08	1.94E-08	2.47E-08	2.60E-08	9.71E-09
URI (Δ CDF)	5.80E-08	5.80E-08	6.00E-08	2.03E-08	-2.51E-08	-2.69E-08	-2.73E-08	-2.73E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.52E-07	1.55E-07	1.53E-07	4.70E-08	-5.80E-09	-2.30E-09	-1.30E-09	-1.80E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



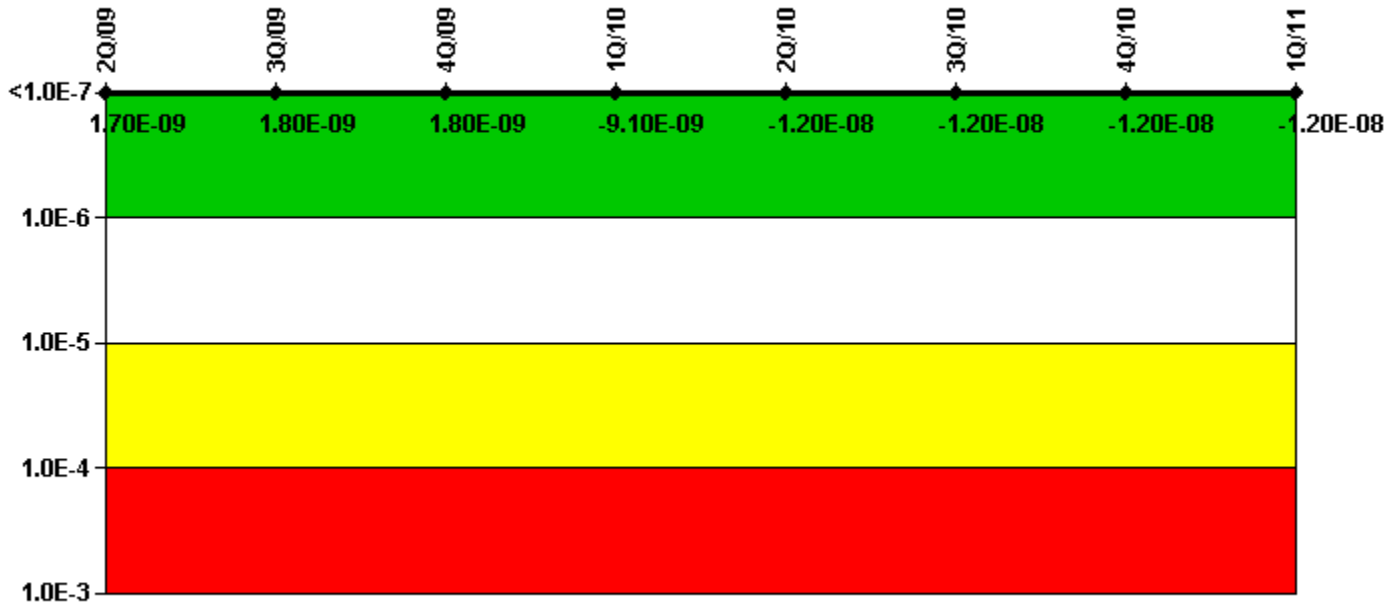
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (Δ CDF)	7.70E-09	2.60E-09	-2.50E-09	1.52E-08	1.54E-08	1.55E-08	1.13E-08	1.14E-08
URI (Δ CDF)	-1.00E-07	-1.00E-07	-1.00E-07	-3.90E-08	-3.67E-08	-3.65E-08	-3.65E-08	-3.65E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-9.23E-08	-9.74E-08	-1.03E-07	-2.40E-08	-2.10E-08	-2.10E-08	-2.50E-08	-2.50E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



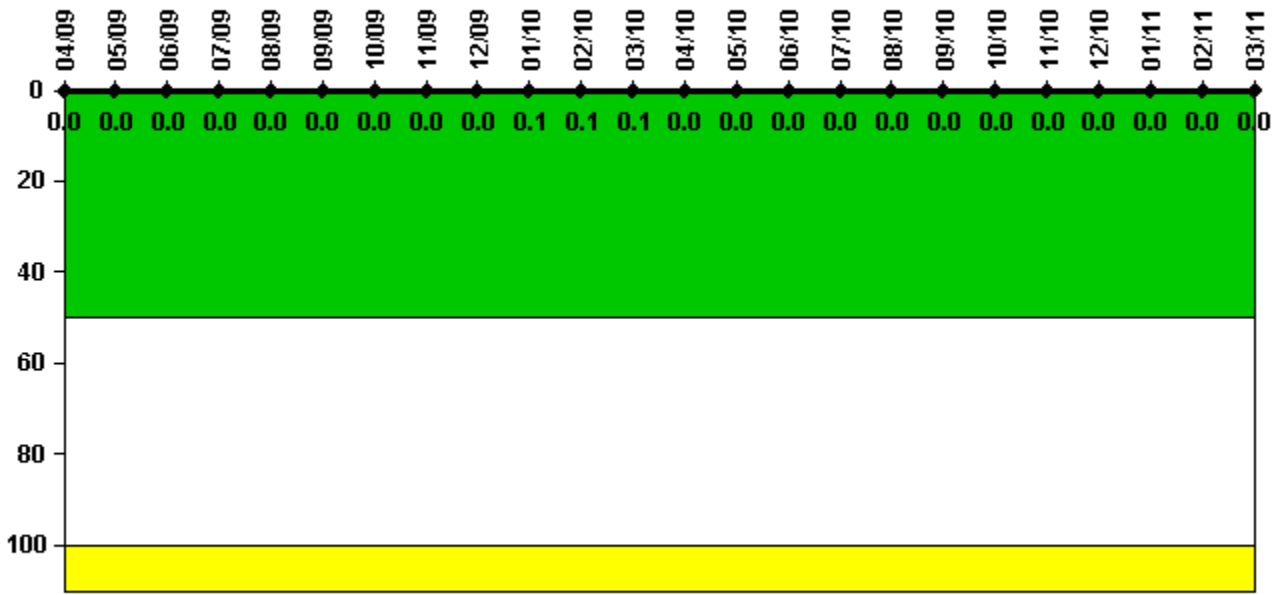
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (Δ CDF)	-2.00E-09	-2.00E-09	-2.00E-09	-4.23E-09	-4.22E-09	-4.22E-09	-4.22E-09	-4.22E-09
URI (Δ CDF)	3.70E-09	3.80E-09	3.80E-09	-4.84E-09	-7.28E-09	-7.30E-09	-7.30E-09	-7.30E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.70E-09	1.80E-09	1.80E-09	-9.10E-09	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08

Licensee Comments: none

Reactor Coolant System Activity



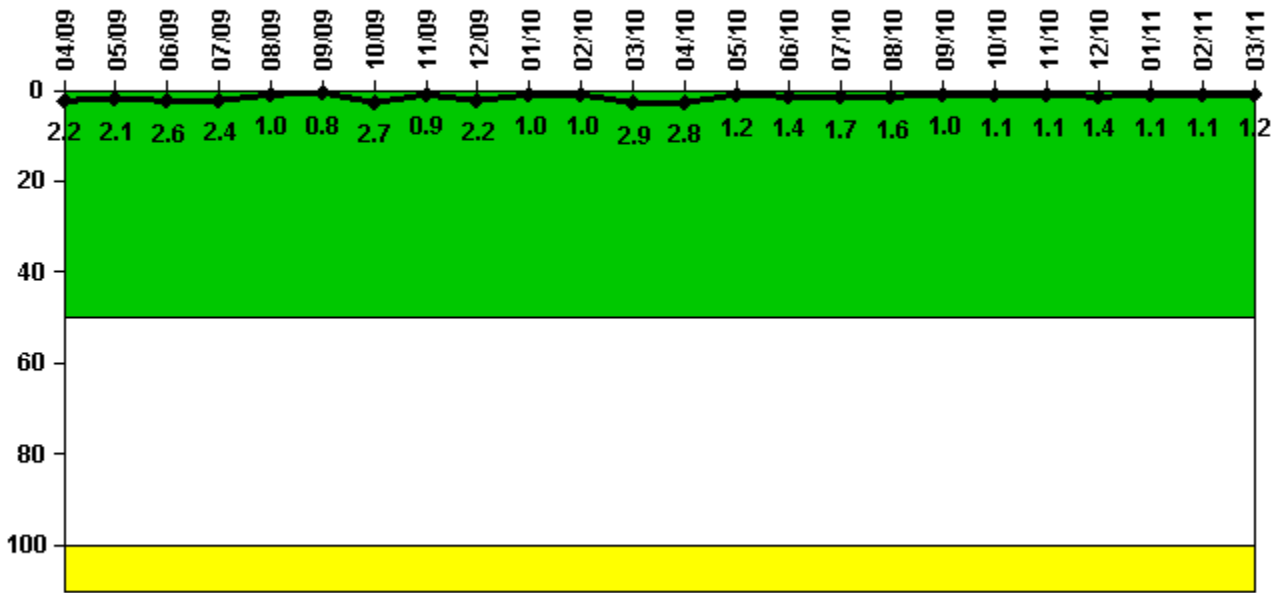
Thresholds: White > 50.0 Yellow > 100.0

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	0.000372	0.000416	0.000423	0.000436	0.000356	0.000354	0.000454	0.000486	0.000461	0.000542	0.000513	0.000880
Technical specification limit	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0.1	0.1	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	0.000150	0.000192	0.000212	0.000231	0.000220	0.000307	0.000313	0.000372	0.000279	0.000301	0.000358	0.000354
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: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

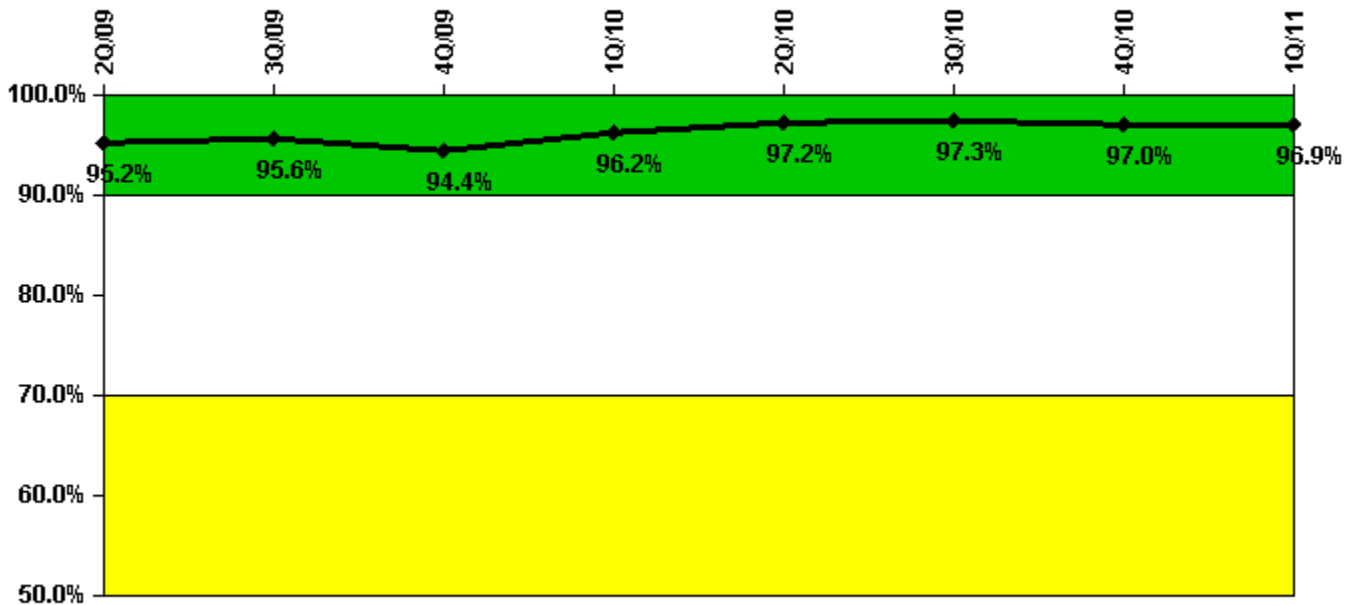
Notes

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	0.218	0.210	0.263	0.239	0.101	0.080	0.268	0.089	0.221	0.098	0.096	0.285
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	2.2	2.1	2.6	2.4	1.0	0.8	2.7	0.9	2.2	1.0	1.0	2.9
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	0.281	0.119	0.141	0.166	0.158	0.100	0.109	0.113	0.141	0.114	0.114	0.116
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	2.8	1.2	1.4	1.7	1.6	1.0	1.1	1.1	1.4	1.1	1.1	1.2

Licensee Comments:

3/11: Total Leakage is being reported in lieu of Identified Leakage.

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

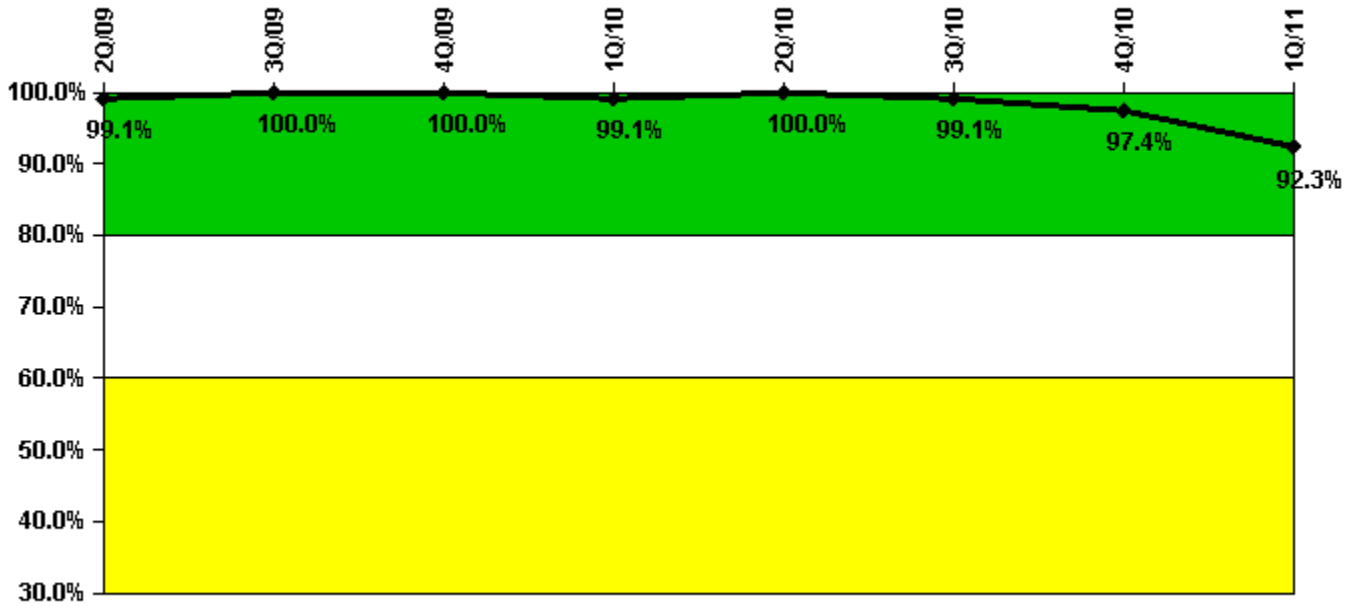
Drill/Exercise Performance	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Successful opportunities	40.0	15.0	19.0	23.0	26.0	35.0	17.0	11.0
Total opportunities	42.0	15.0	22.0	23.0	26.0	35.0	18.0	11.0
Indicator value	95.2%	95.6%	94.4%	96.2%	97.2%	97.3%	97.0%	96.9%

Licensee Comments:

1Q/11: Two additional Successful Event Opportunities and two Total Event Opportunities were identified that were not included in the original June 2009 data submittal. Both June 2009 data elements were revised from 22 to 24 in the first quarter 2011 data submittal. This results in no significant change to the 8 quarter performance indicator.

2Q/09: Two additional Successful and Total Event Opportunities were identified that were not included in the original June 2009 data submittal. Both data elements were revised from 22 to 24 in the first quarter 2011 data submittal. This results in no significant change to the 8 quarter performance indicator.

ERO Drill Participation



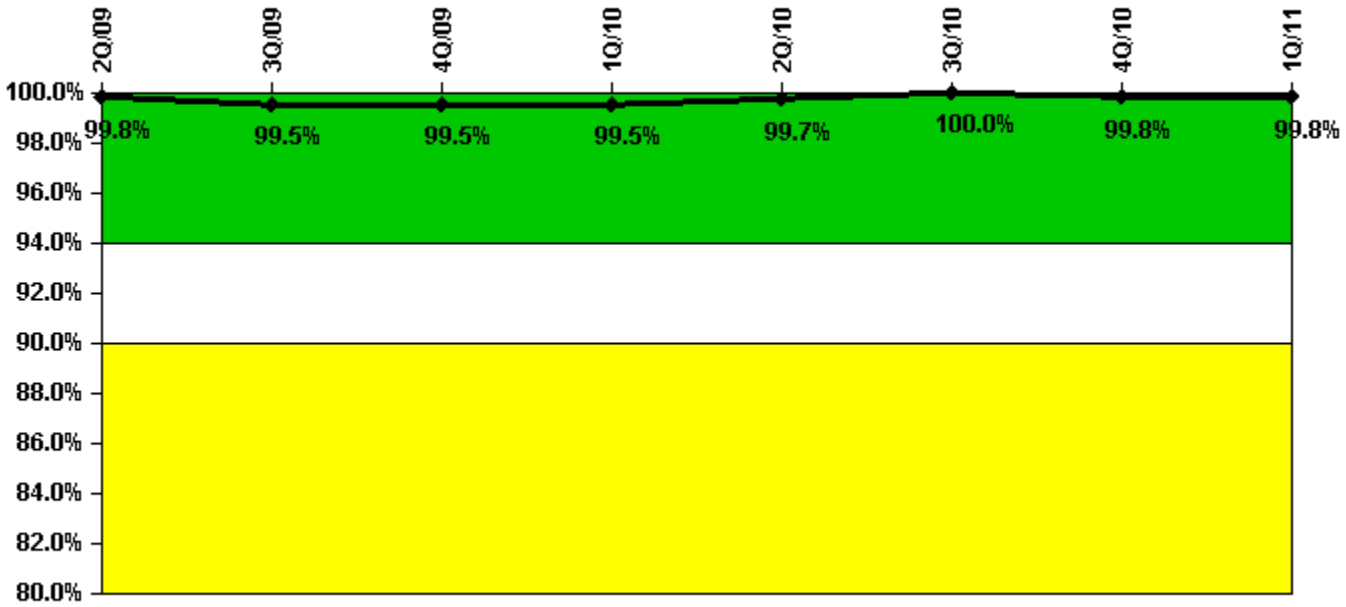
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Participating Key personnel	108.0	112.0	113.0	113.0	110.0	108.0	112.0	108.0
Total Key personnel	109.0	112.0	113.0	114.0	110.0	109.0	115.0	117.0
Indicator value	99.1%	100.0%	100.0%	99.1%	100.0%	99.1%	97.4%	92.3%

Licensee Comments: none

Alert & Notification System



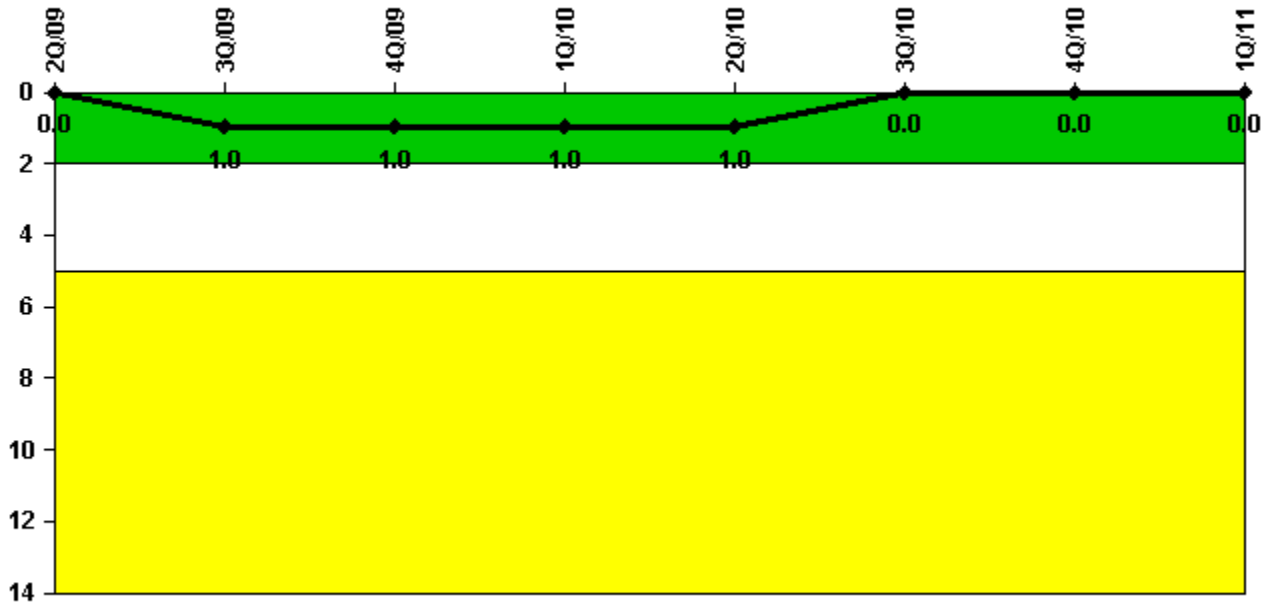
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Successful siren-tests	146	145	147	147	147	147	146	147
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	99.8%	99.5%	99.5%	99.5%	99.7%	100.0%	99.8%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



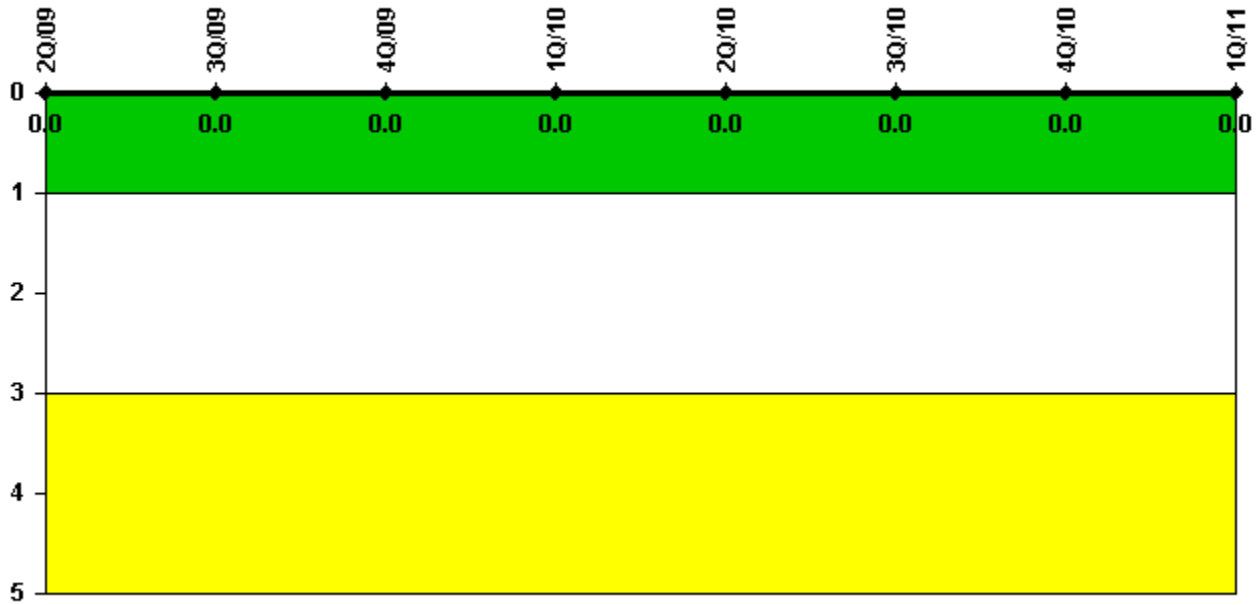
Thresholds: White > 2.0 Yellow > 5.0

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	1	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	1	1	1	1	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.