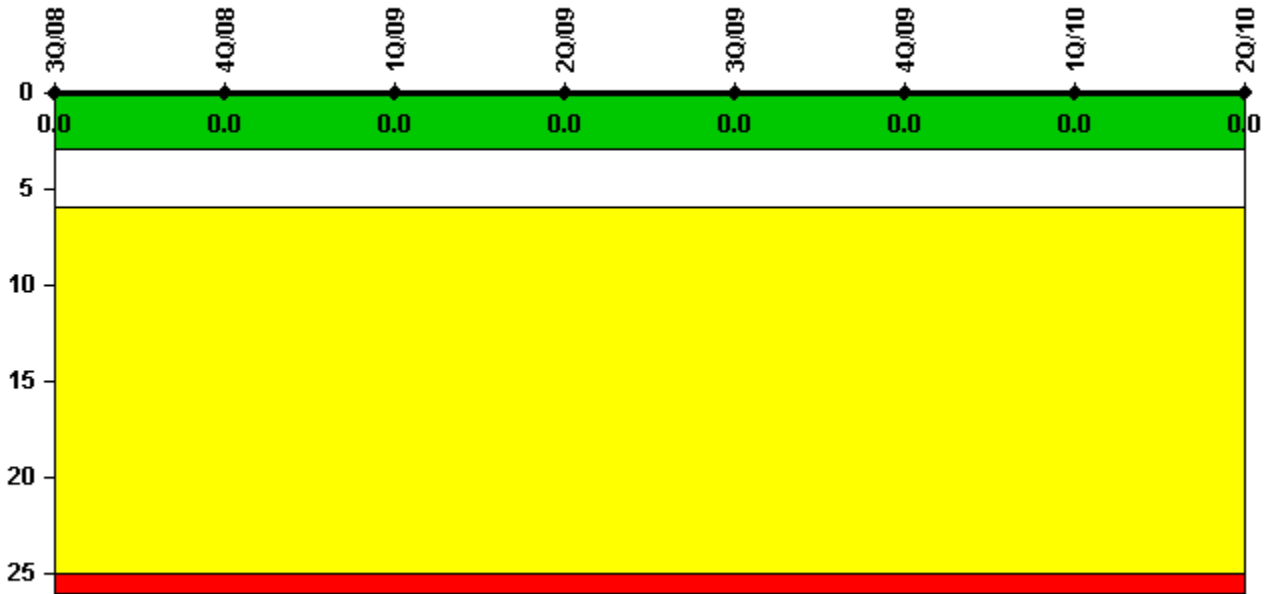


Kewaunee

2Q/2010 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



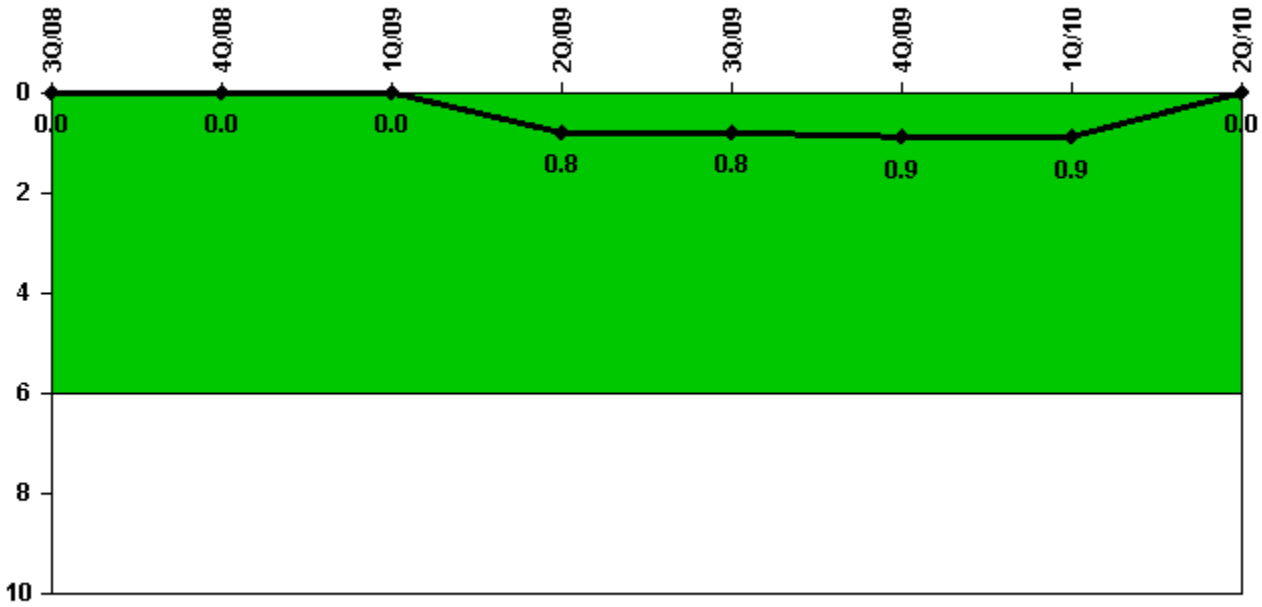
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2208.0	2209.0	2159.0	2106.7	2089.7	1704.3	2159.0	2184.0
Indicator value	0	0	0	0	0	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	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Unplanned power changes	0	0	0	1.0	0	0	0	0
Critical hours	2208.0	2209.0	2159.0	2106.7	2089.7	1704.3	2159.0	2184.0
Indicator value	0	0	0	0.8	0.8	0.9	0.9	0

Licensee Comments: none

Unplanned Scrams with Complications



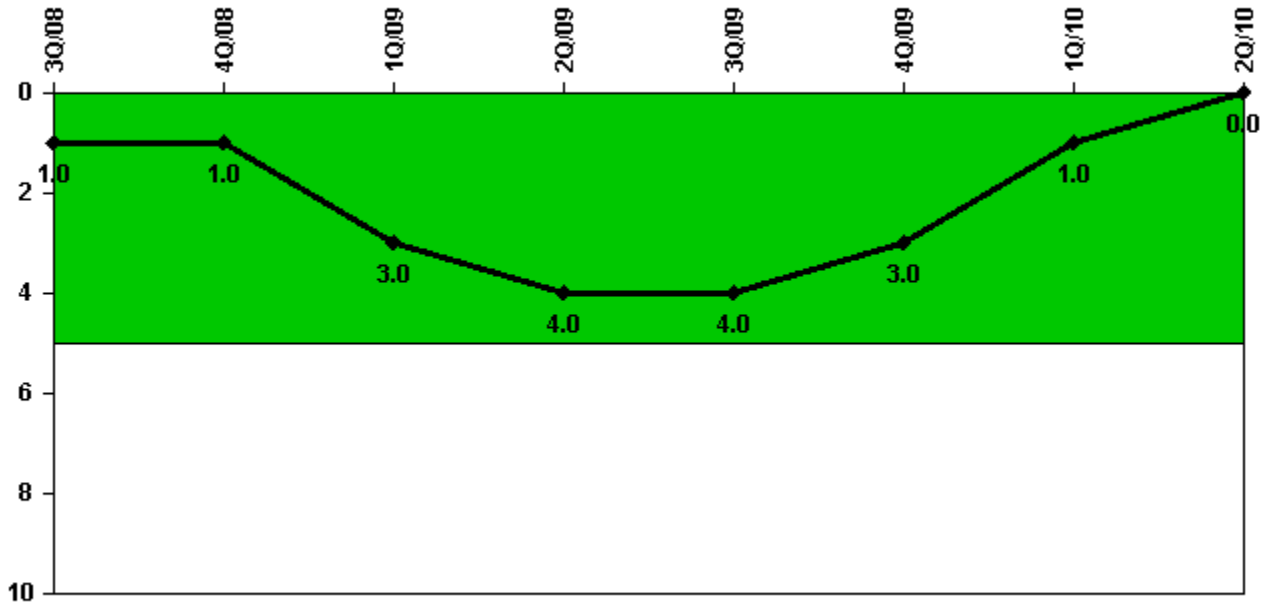
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/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 (PWR)



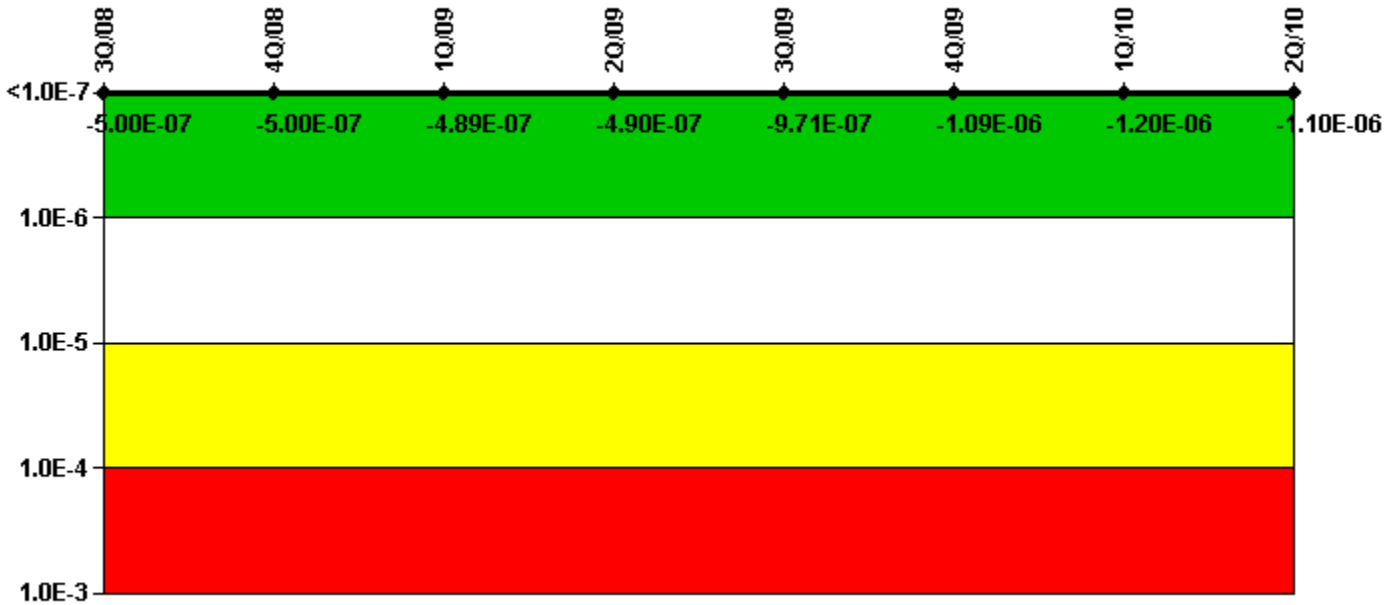
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Safety System Functional Failures	0	1	2	1	0	0	0	0
Indicator value	1	1	3	4	4	3	1	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



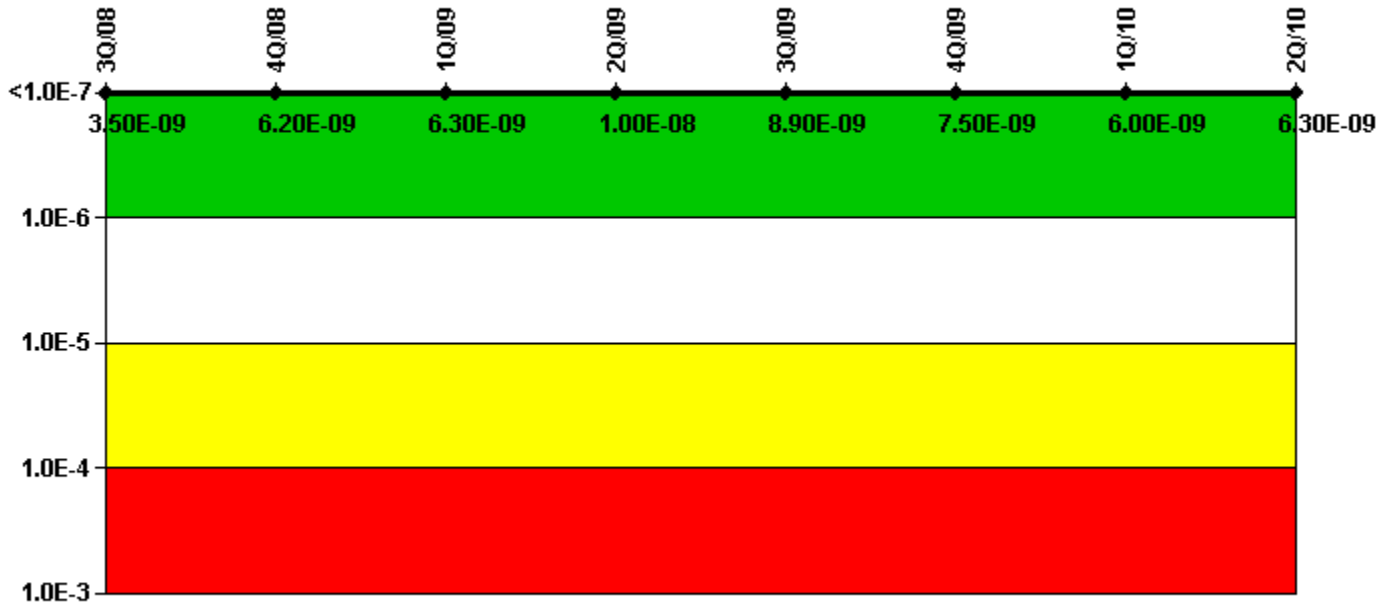
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (Δ CDF)	1.10E-07	1.00E-07	9.10E-08	5.00E-08	2.90E-08	1.50E-08	-9.08E-08	-1.18E-07
URI (Δ CDF)	-6.10E-07	-6.00E-07	-5.80E-07	-5.40E-07	-1.00E-06	-1.10E-06	-1.06E-06	-1.03E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.00E-07	-5.00E-07	-4.89E-07	-4.90E-07	-9.71E-07	-1.09E-06	-1.20E-06	-1.10E-06

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



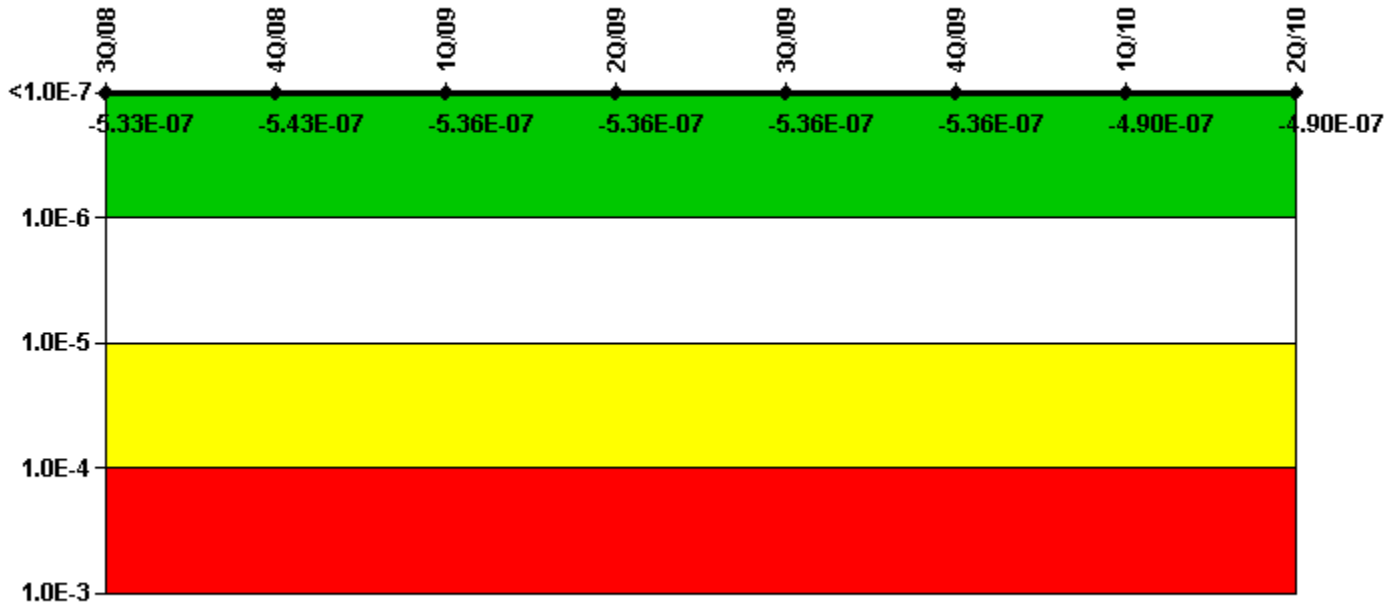
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (Δ CDF)	2.72E-08	2.96E-08	3.00E-08	3.28E-08	3.10E-08	2.90E-08	2.68E-08	2.73E-08
URI (Δ CDF)	-2.36E-08	-2.34E-08	-2.37E-08	-2.27E-08	-2.21E-08	-2.15E-08	-2.08E-08	-2.10E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.50E-09	6.20E-09	6.30E-09	1.00E-08	8.90E-09	7.50E-09	6.00E-09	6.30E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



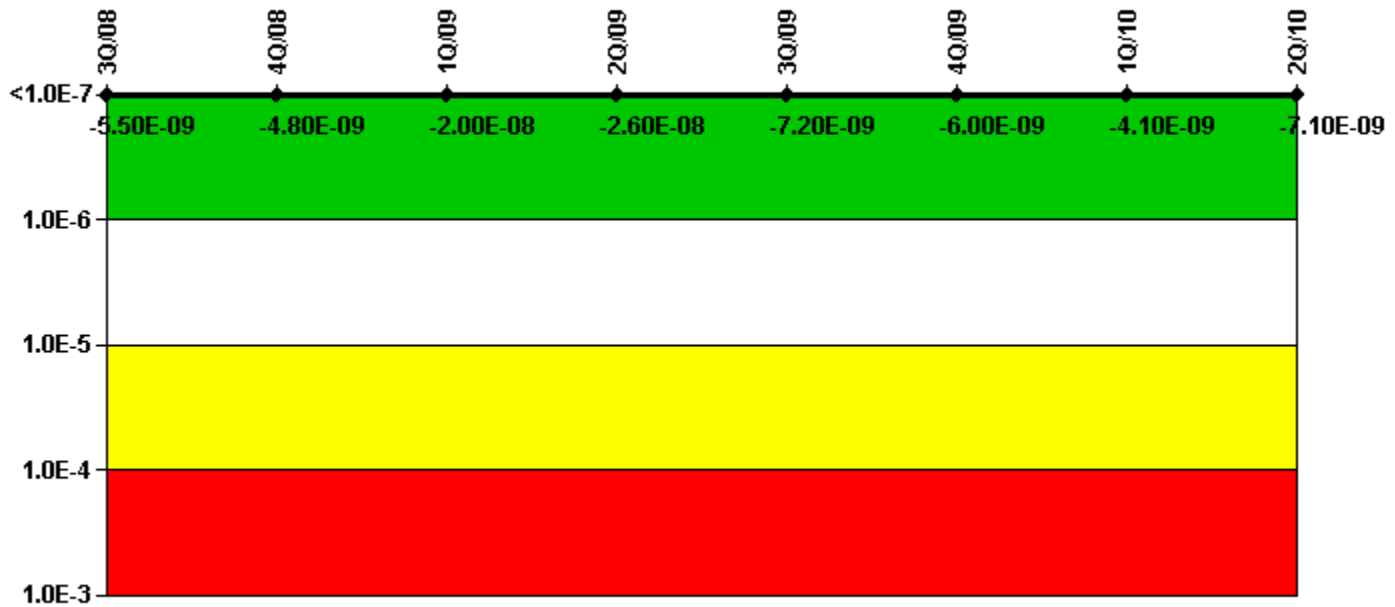
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (Δ CDF)	-5.30E-08	-7.30E-08	-7.60E-08	-7.60E-08	-7.60E-08	-7.60E-08	-7.18E-08	-7.18E-08
URI (Δ CDF)	-4.80E-07	-4.70E-07	-4.60E-07	-4.60E-07	-4.60E-07	-4.60E-07	-4.17E-07	-4.14E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.33E-07	-5.43E-07	-5.36E-07	-5.36E-07	-5.36E-07	-5.36E-07	-4.90E-07	-4.90E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



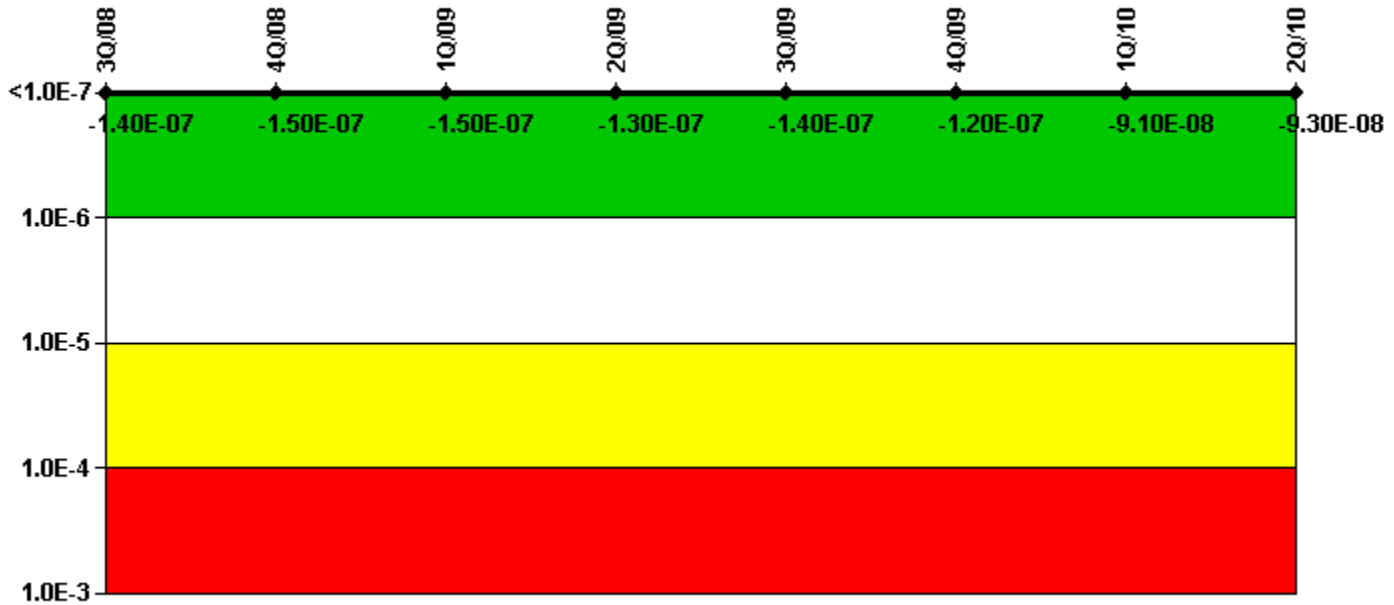
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (Δ CDF)	2.53E-08	2.63E-08	1.19E-08	4.35E-09	2.33E-08	2.47E-08	2.66E-08	2.45E-08
URI (Δ CDF)	-3.08E-08	-3.10E-08	-3.20E-08	-3.03E-08	-3.05E-08	-3.07E-08	-3.07E-08	-3.16E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.50E-09	-4.80E-09	-2.00E-08	-2.60E-08	-7.20E-09	-6.00E-09	-4.10E-09	-7.10E-09

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	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (ΔCDF)	-1.00E-07	-1.08E-07	-1.11E-07	-8.91E-08	-9.30E-08	-7.42E-08	-4.32E-08	-4.55E-08
URI (ΔCDF)	-4.42E-08	-3.72E-08	-3.71E-08	-4.45E-08	-4.53E-08	-4.78E-08	-4.78E-08	-4.75E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.40E-07	-1.50E-07	-1.50E-07	-1.30E-07	-1.40E-07	-1.20E-07	-9.10E-08	-9.30E-08

Licensee Comments:

1Q/10: 6/30/2010 - A data entry error was corrected for service water system run time and demand starts for May 2007. The run time value of 744 was accidentally entered in the demand start field. The change did not impact the Green status of the indicator. CR38175

4Q/09: 6/30/2010 - A data entry error was corrected for service water system run time and demand starts for May 2007. The run time value of 744 was accidentally entered in the demand start field. The change did not impact the Green status of the indicator. CR38175

3Q/09: 6/30/2010 - A data entry error was corrected for service water system run time and demand starts for May 2007. The run time value of 744 was accidentally entered in the demand start field. The change did not impact the Green status of the indicator. CR38175

2Q/09: 6/30/2010 - A data entry error was corrected for service water system run time and demand starts for May 2007. The run time value of 744 was accidentally entered in the demand start field. The change did not impact the Green status of the indicator. CR38175

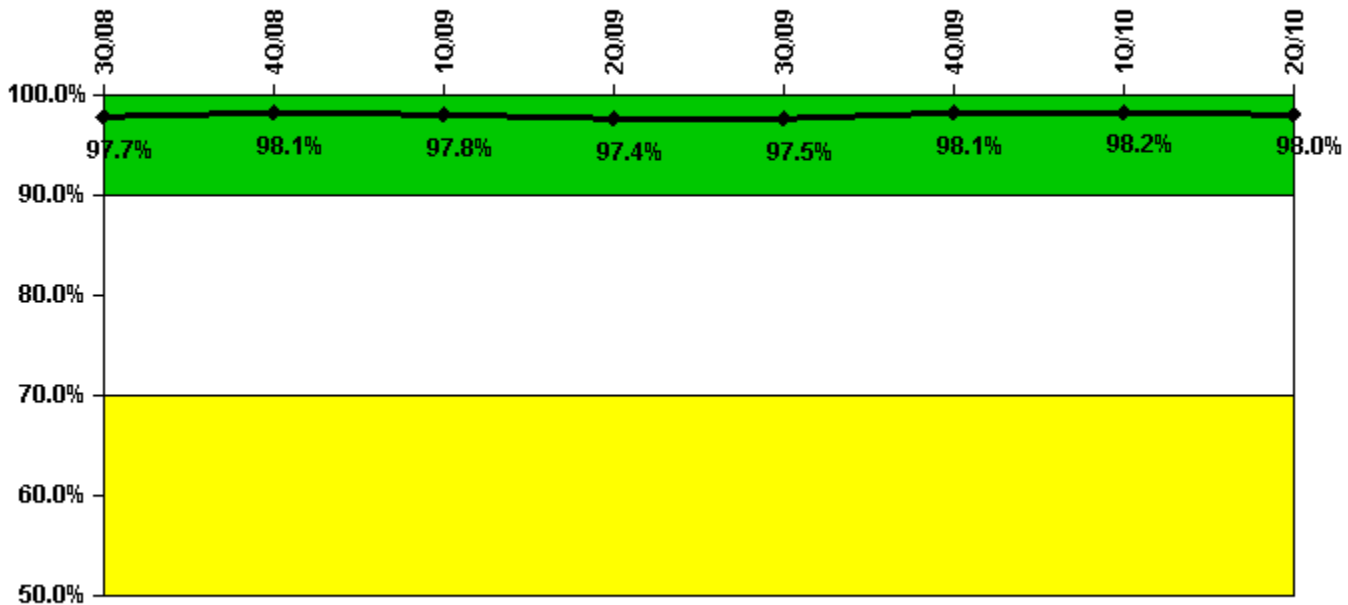
1Q/09: 6/30/2010 - A data entry error was corrected for service water system run time and demand starts for May 2007. The run time value of 744 was accidentally entered in the demand start field. The change did not impact the Green status of the indicator. CR38175

4Q/08: 6/30/2010 - A data entry error was corrected for service water system run time and demand starts for

Indicator value	0.6	0.9	0.8	1.3	1.6	0.7	0.8	0	0	0	0.2	0.4
Reactor Coolant System Leakage	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10	4/10	5/10	6/10
Maximum leakage	0.035	0.133	0.159	0.064	0.079	0.007	0.024	0.127	0.001	0.001	0.011	0.013
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	0.4	1.3	1.6	0.6	0.8	0.1	0.2	1.3	0	0	0.1	0.1

Licensee Comments: none

Drill/Exercise Performance



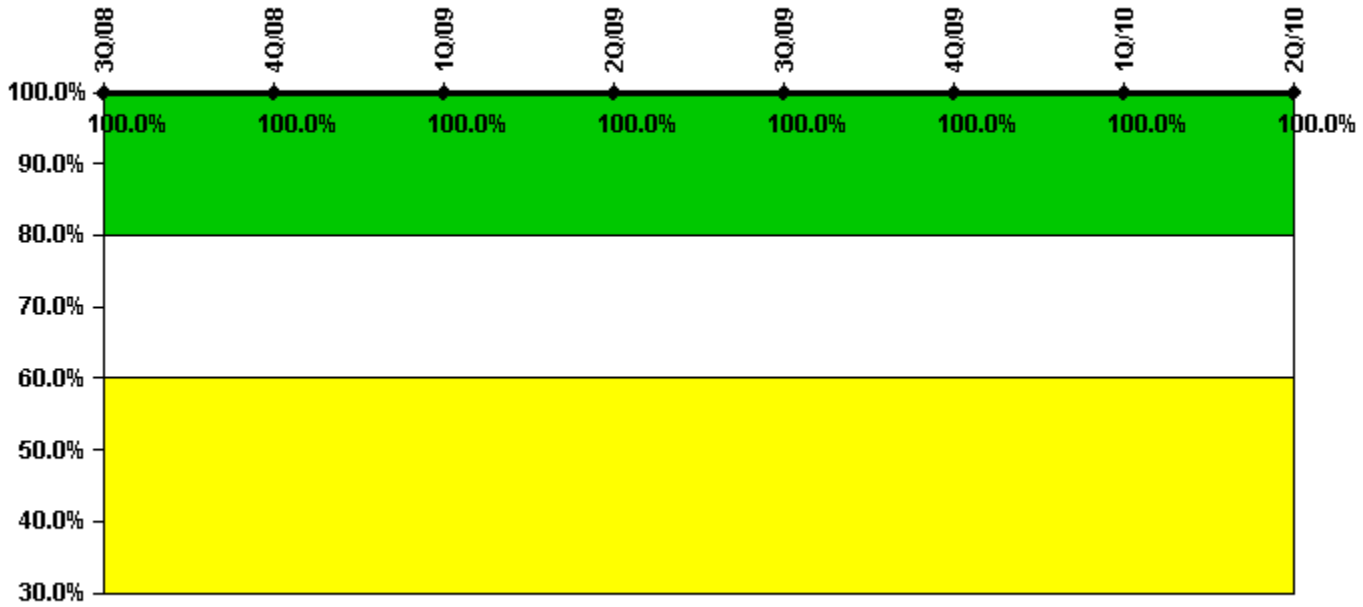
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Successful opportunities	16.0	55.0	58.0	32.0	20.0	45.0	54.0	12.0
Total opportunities	18.0	55.0	59.0	34.0	20.0	45.0	55.0	12.0
Indicator value	97.7%	98.1%	97.8%	97.4%	97.5%	98.1%	98.2%	98.0%

Licensee Comments: none

ERO Drill Participation



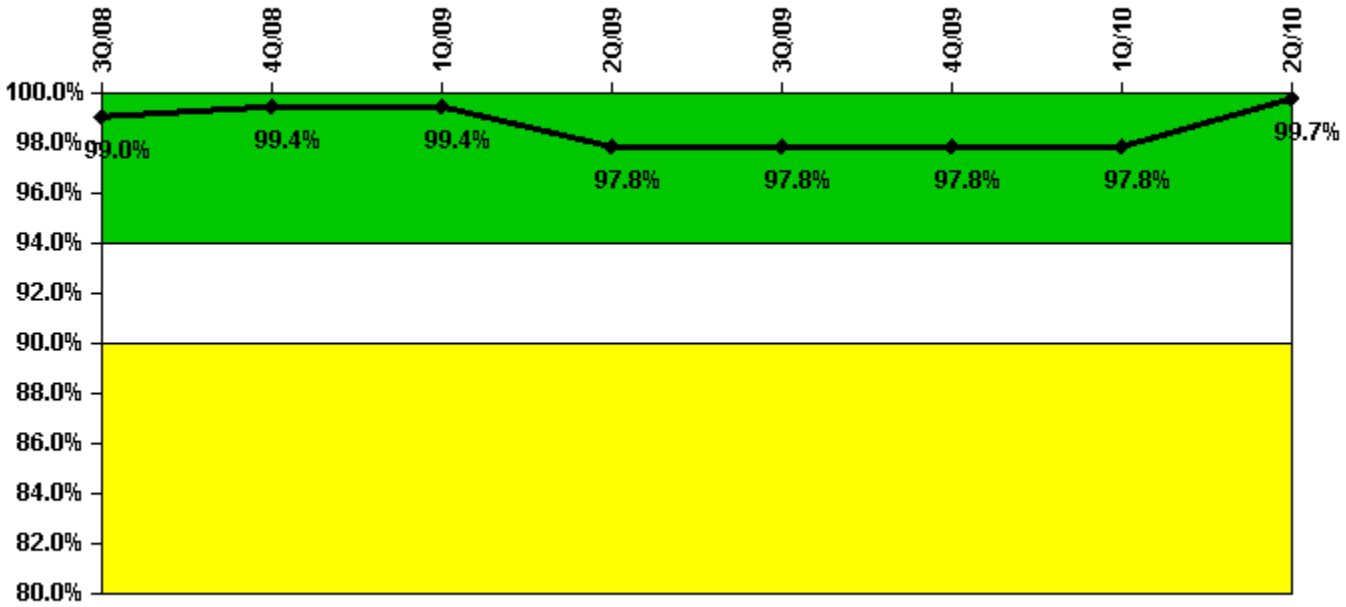
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Participating Key personnel	52.0	57.0	59.0	59.0	65.0	62.0	55.0	58.0
Total Key personnel	52.0	57.0	59.0	59.0	65.0	62.0	55.0	58.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



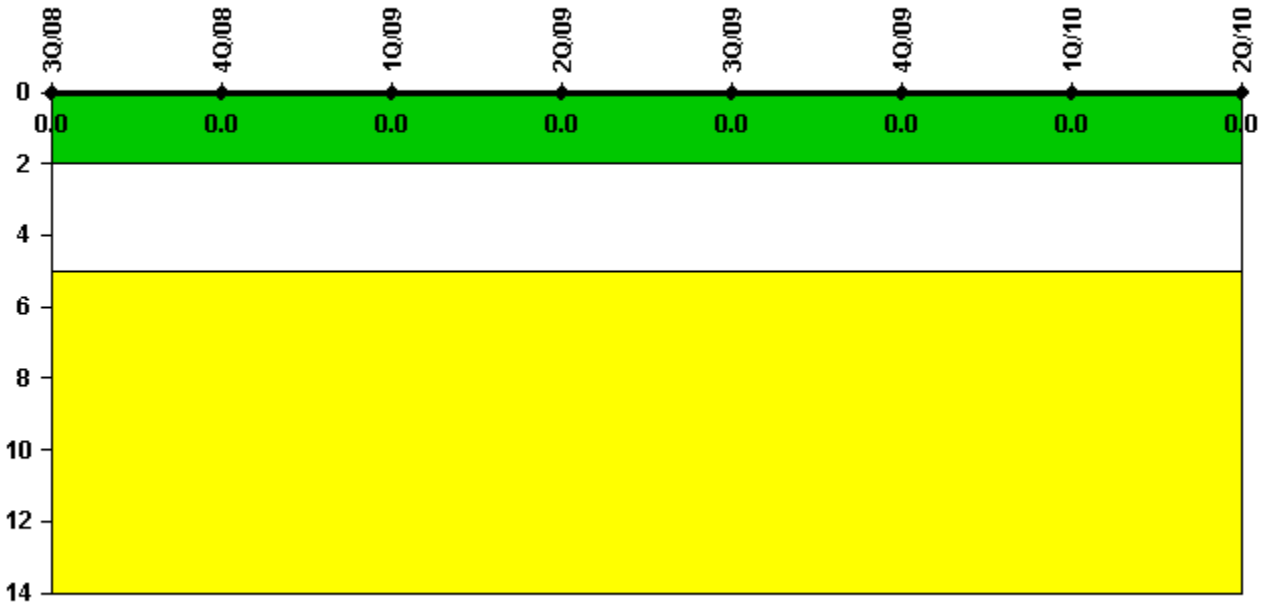
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Successful siren-tests	77	78	78	72	77	78	78	78
Total sirens-tests	78	78	78	78	78	78	78	78
Indicator value	99.0%	99.4%	99.4%	97.8%	97.8%	97.8%	97.8%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



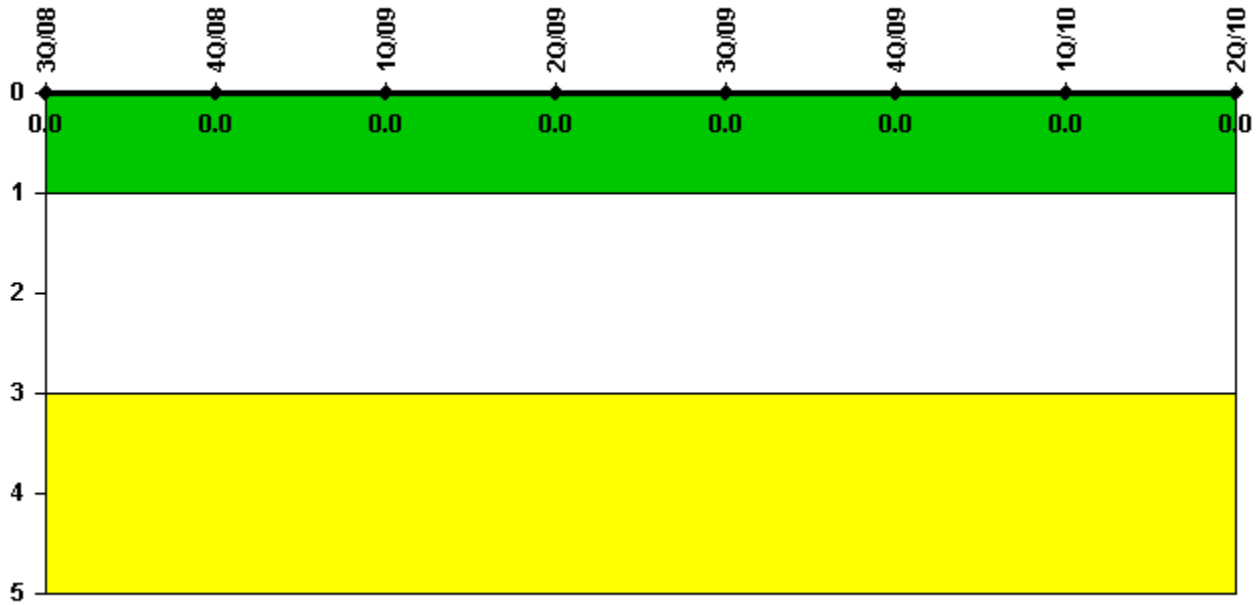
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/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	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/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.