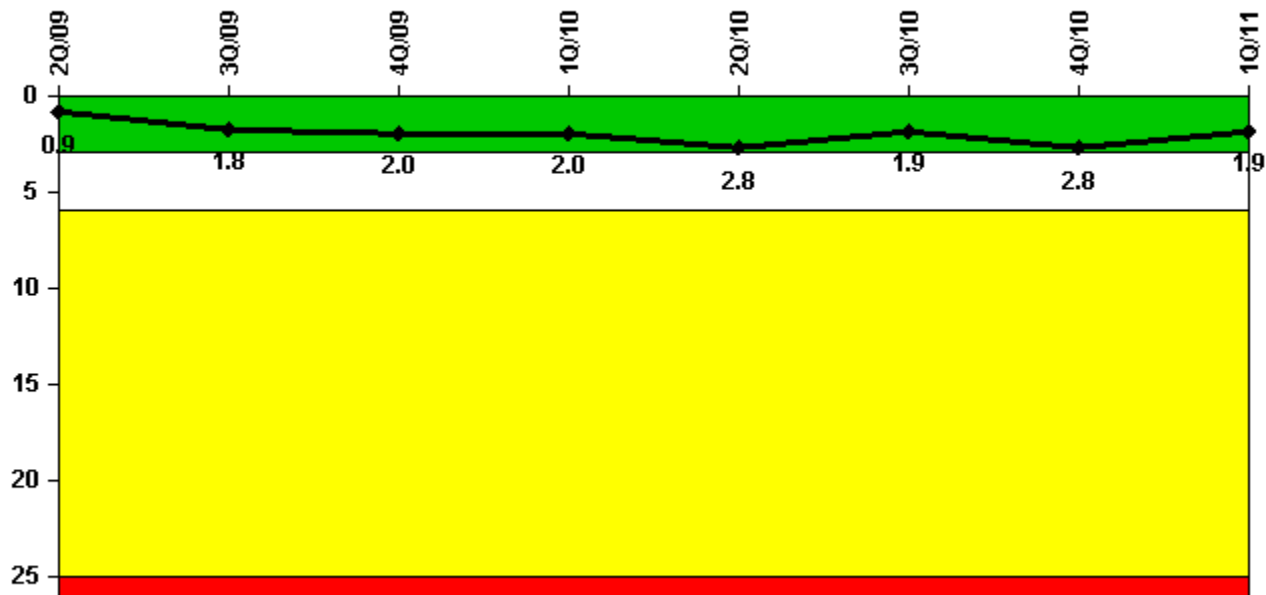


Fermi 2

1Q/2011 Performance Indicators

Licensee's General Comments: Revised reactor critical date from 12/2/2010 to 12/3/2010 due to typo in Q4 2010 data - no color change impact on any affected indicator

Unplanned Scrams per 7000 Critical Hrs



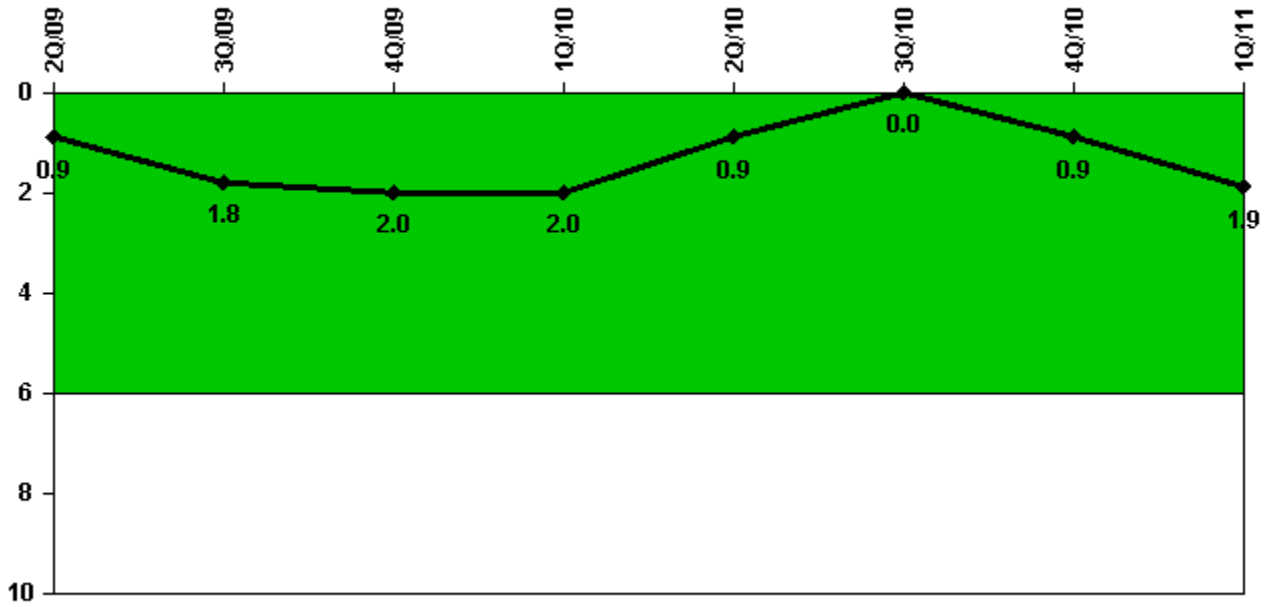
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	1.0	1.0	0	1.0	0
Critical hours	1471.9	2195.1	1218.3	2104.4	1968.5	2208.0	1262.9	1784.8
Indicator value	0.9	1.8	2.0	2.0	2.8	1.9	2.8	1.9

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	1.0	0	0	0	0	1.0	1.0
Critical hours	1471.9	2195.1	1218.3	2104.4	1968.5	2208.0	1262.9	1784.8
Indicator value	0.9	1.8	2.0	2.0	0.9	0	0.9	1.9

Licensee Comments: none

Unplanned Scrams with Complications



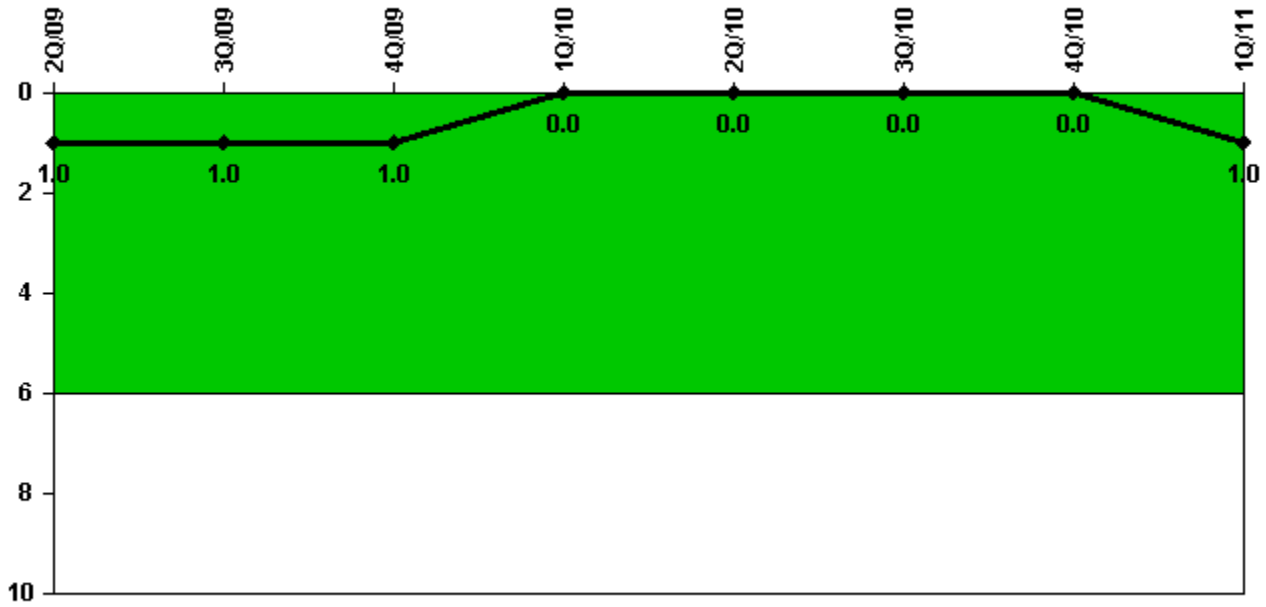
Thresholds: White > 1.0

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 (BWR)



Thresholds: White > 6.0

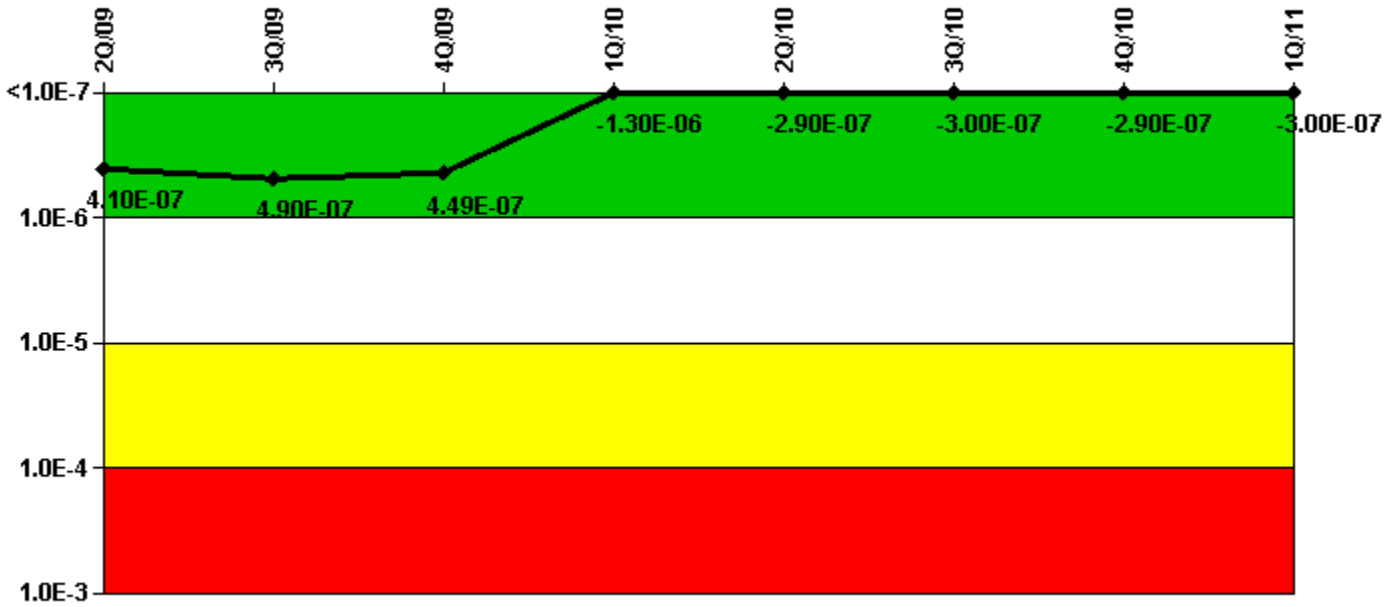
Notes

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

Licensee Comments:

1Q/11: February - Fermi 2 LER 2010-004

Mitigating Systems Performance Index, Emergency AC Power System



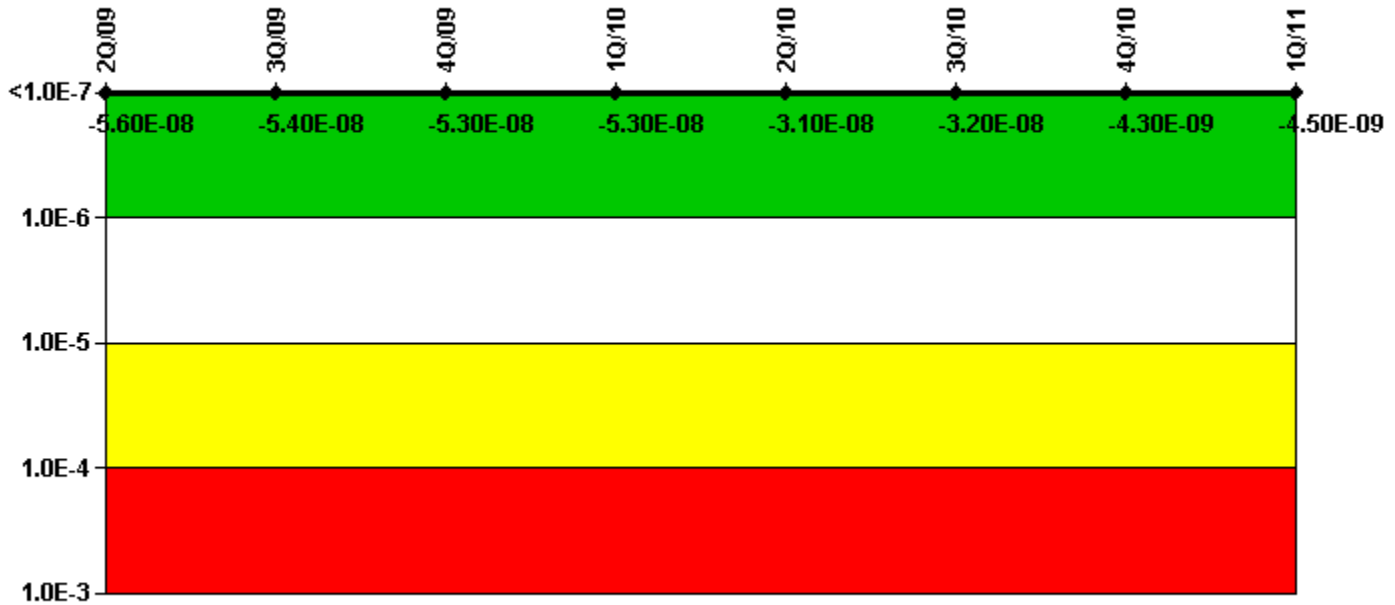
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	1.30E-07	1.60E-07	9.90E-08	1.24E-07	2.82E-09	2.46E-09	2.16E-09	-5.74E-09
URI (Δ CDF)	2.80E-07	3.30E-07	3.50E-07	-1.38E-06	-2.97E-07	-3.02E-07	-2.93E-07	-2.97E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.10E-07	4.90E-07	4.49E-07	-1.30E-06	-2.90E-07	-3.00E-07	-2.90E-07	-3.00E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



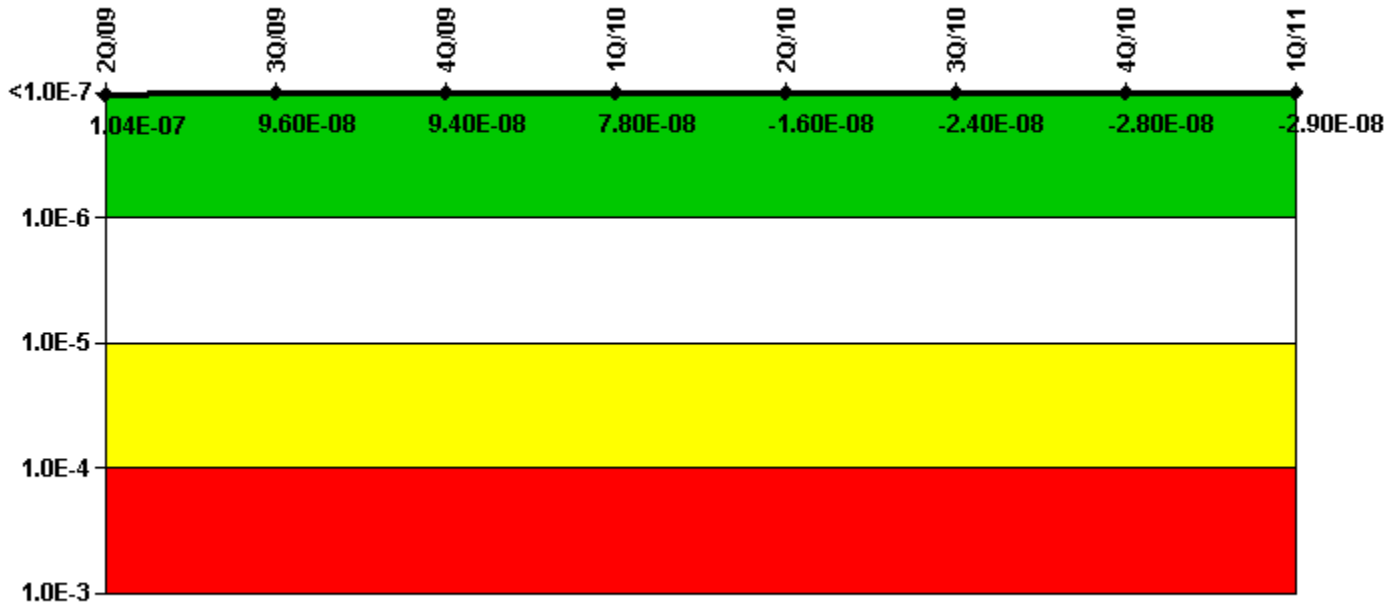
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (Δ CDF)	-1.50E-08	-1.50E-08	-1.50E-08	-1.48E-08	-2.25E-09	-2.25E-09	-1.74E-10	-1.24E-10
URI (Δ CDF)	-4.10E-08	-3.90E-08	-3.80E-08	-3.84E-08	-2.85E-08	-3.00E-08	-4.12E-09	-4.38E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.60E-08	-5.40E-08	-5.30E-08	-5.30E-08	-3.10E-08	-3.20E-08	-4.30E-09	-4.50E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



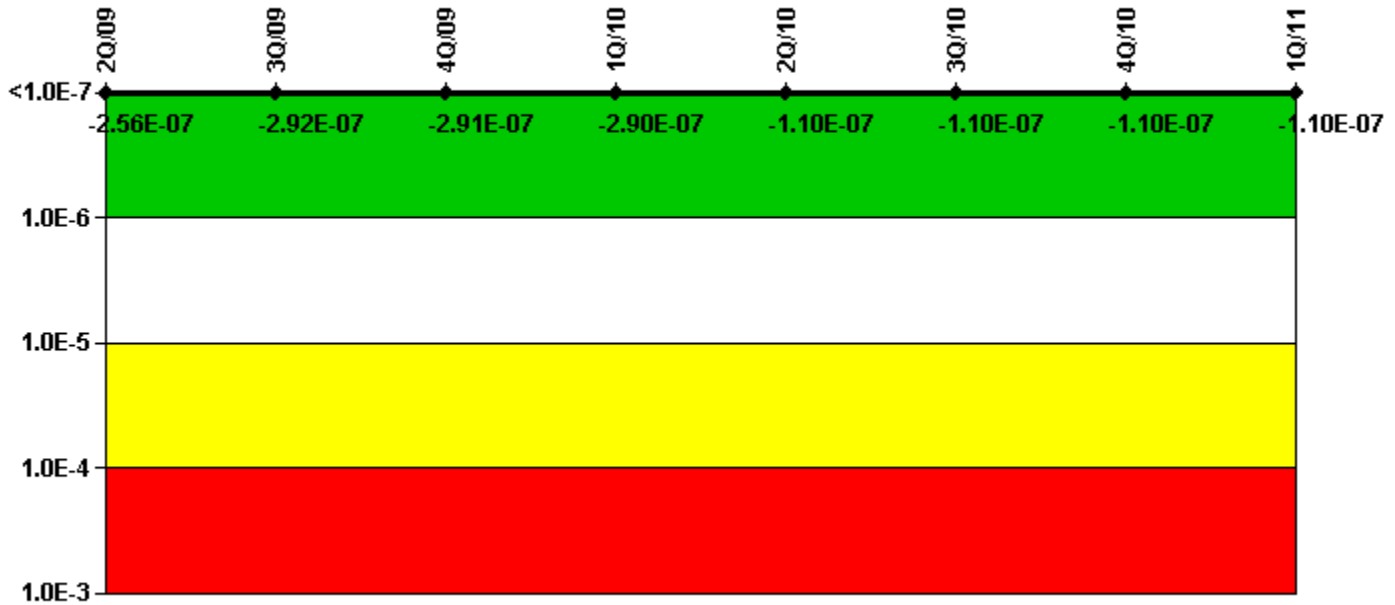
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	1.80E-07	1.70E-07	1.70E-07	1.50E-07	1.55E-08	4.11E-09	-2.09E-09	-2.37E-09
URI (Δ CDF)	-7.60E-08	-7.40E-08	-7.60E-08	-7.25E-08	-3.11E-08	-2.82E-08	-2.57E-08	-2.66E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.04E-07	9.60E-08	9.40E-08	7.80E-08	-1.60E-08	-2.40E-08	-2.80E-08	-2.90E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



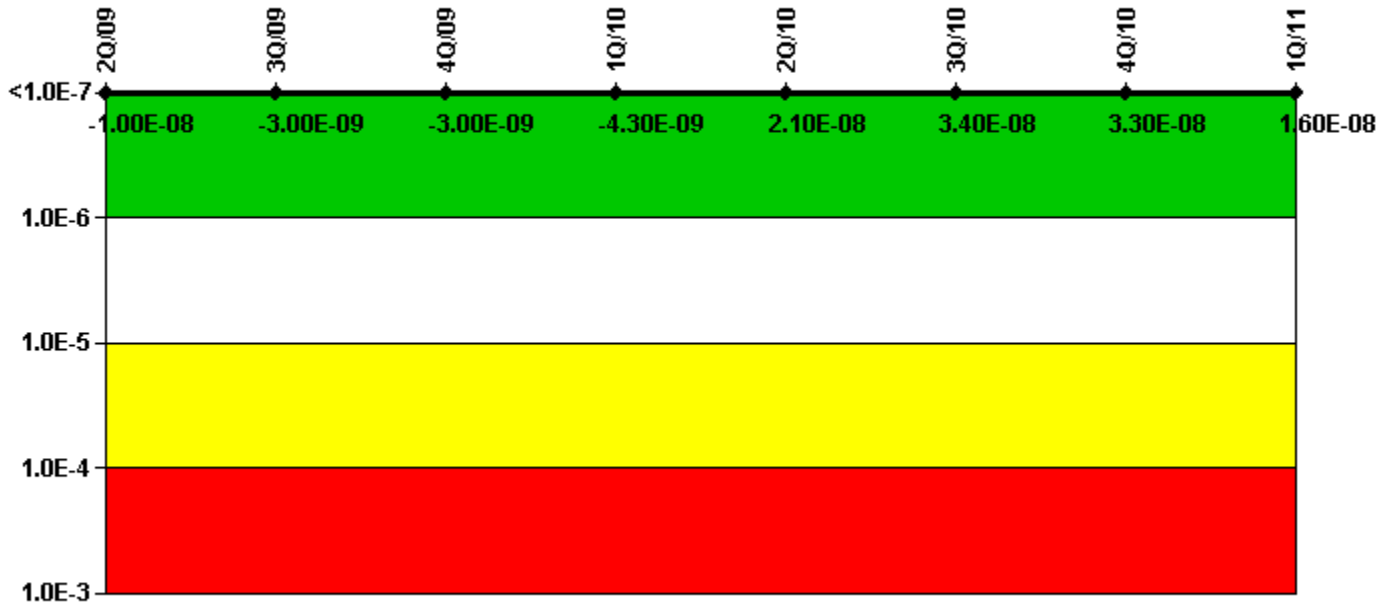
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	-2.60E-08	-6.20E-08	-6.10E-08	-6.16E-08	-4.22E-09	-5.87E-09	-5.88E-09	-6.24E-09
URI (Δ CDF)	-2.30E-07	-2.30E-07	-2.30E-07	-2.29E-07	-1.08E-07	-1.08E-07	-1.08E-07	-1.08E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.56E-07	-2.92E-07	-2.91E-07	-2.90E-07	-1.10E-07	-1.10E-07	-1.10E-07	-1.10E-07

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



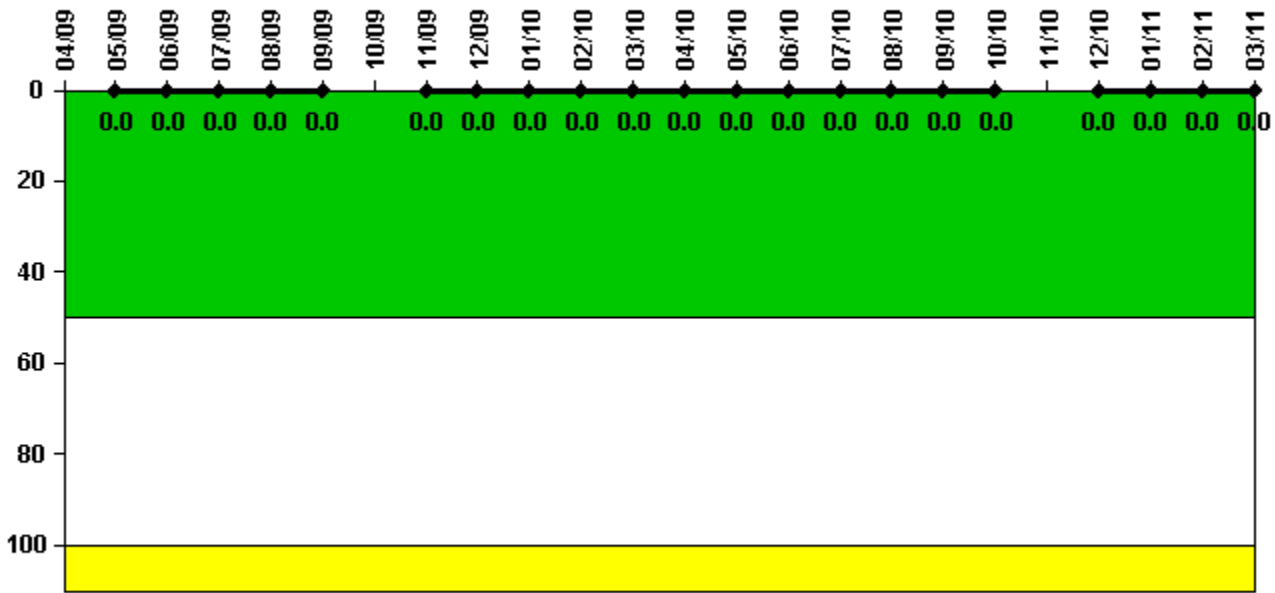
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (ΔCDF)	9.00E-08	9.70E-08	9.70E-08	9.81E-08	3.39E-08	4.69E-08	4.62E-08	2.87E-08
URI (ΔCDF)	-1.00E-07	-1.00E-07	-1.00E-07	-1.02E-07	-1.28E-08	-1.29E-08	-1.28E-08	-1.28E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.00E-08	-3.00E-09	-3.00E-09	-4.30E-09	2.10E-08	3.40E-08	3.30E-08	1.60E-08

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

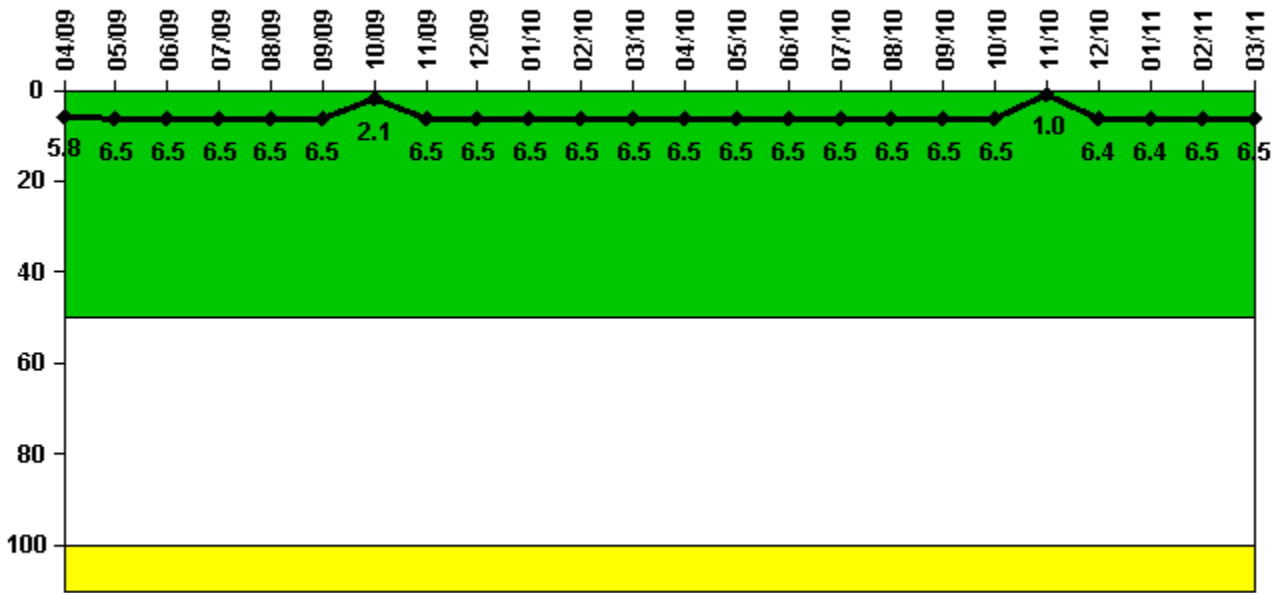
Notes

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	N/A	0.000033	0.000044	0.000040	0.000036	0.000036	N/A	0.000020	0.000024	0.000033	0.000026	0.000026
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	N/A	0	0	0	0	0	N/A	0	0	0	0	0

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	0.000026	0.000027	0.000027	0.000026	0.000028	0.000029	0.000033	N/A	0.000023	0.000025	0.000027	0.000033
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	N/A	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



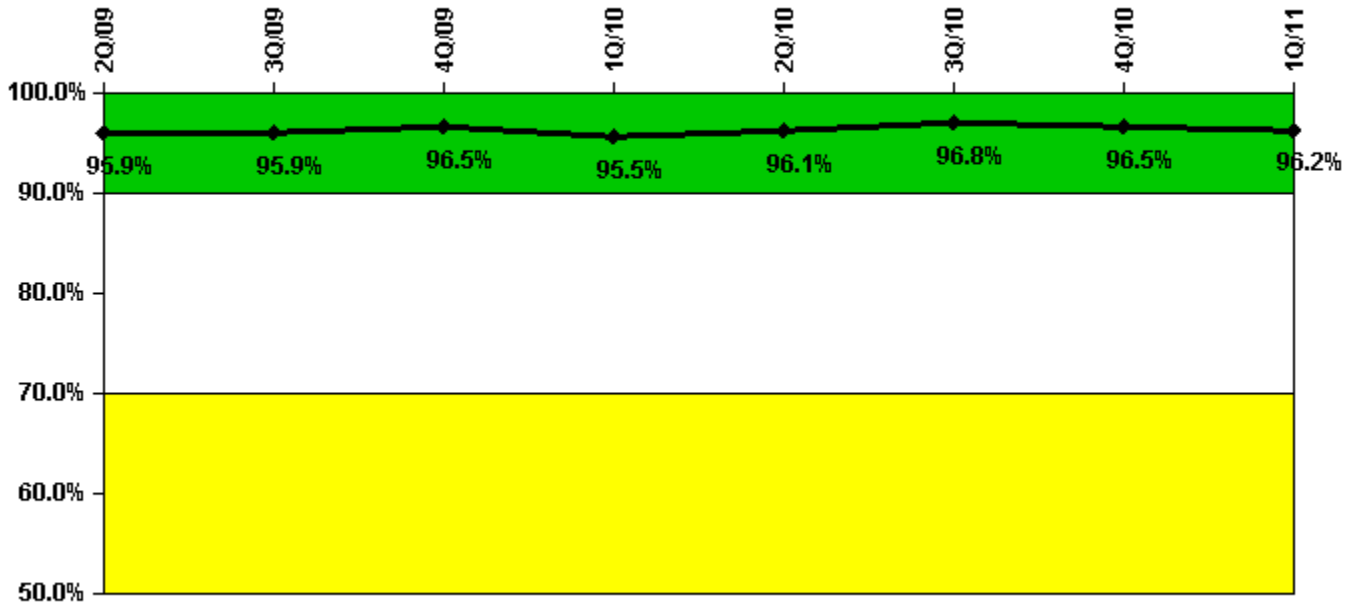
Thresholds: White > 50.0 Yellow > 100.0

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	1.450	1.630	1.630	1.630	1.630	1.630	0.530	1.630	1.630	1.620	1.620	1.620
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	5.8	6.5	6.5	6.5	6.5	6.5	2.1	6.5	6.5	6.5	6.5	6.5
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	1.630	1.630	1.630	1.630	1.630	1.630	1.630	0.240	1.600	1.600	1.630	1.630
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	6.5	6.5	6.5	6.5	6.5	6.5	6.5	1.0	6.4	6.4	6.5	6.5

Licensee Comments: none

Drill/Exercise Performance



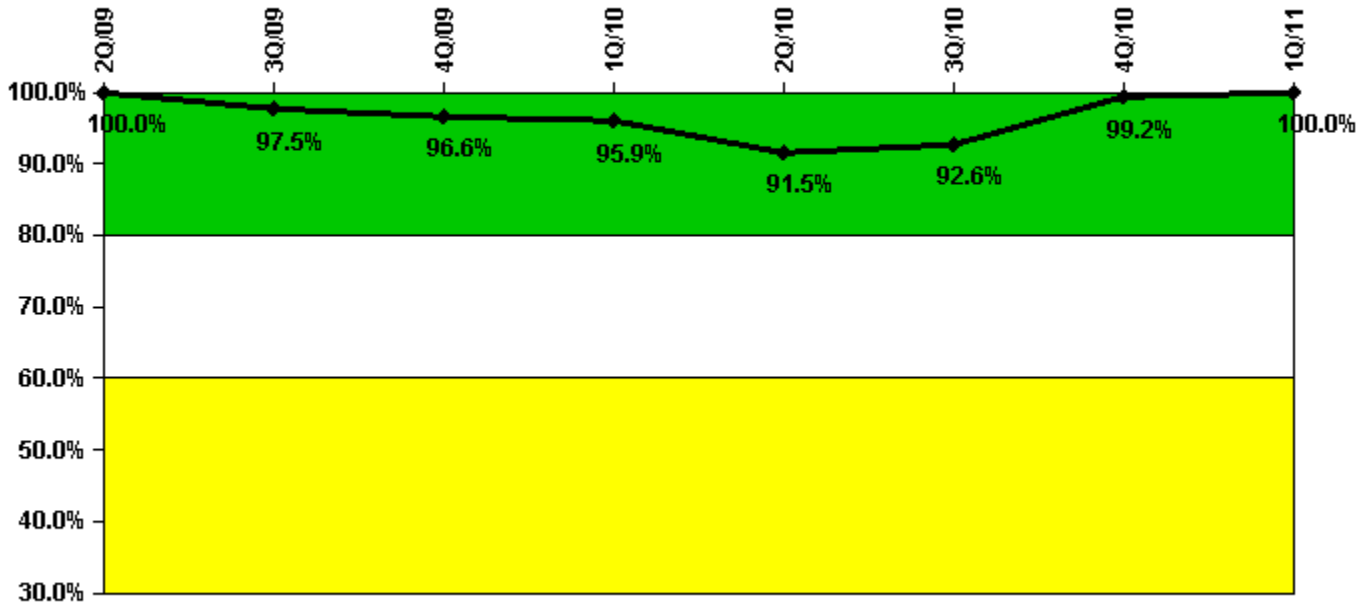
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Successful opportunities	35.0	31.0	14.0	17.0	41.0	76.0	20.0	18.0
Total opportunities	37.0	33.0	14.0	20.0	42.0	77.0	20.0	19.0
Indicator value	95.9%	95.9%	96.5%	95.5%	96.1%	96.8%	96.5%	96.2%

Licensee Comments: none

ERO Drill Participation



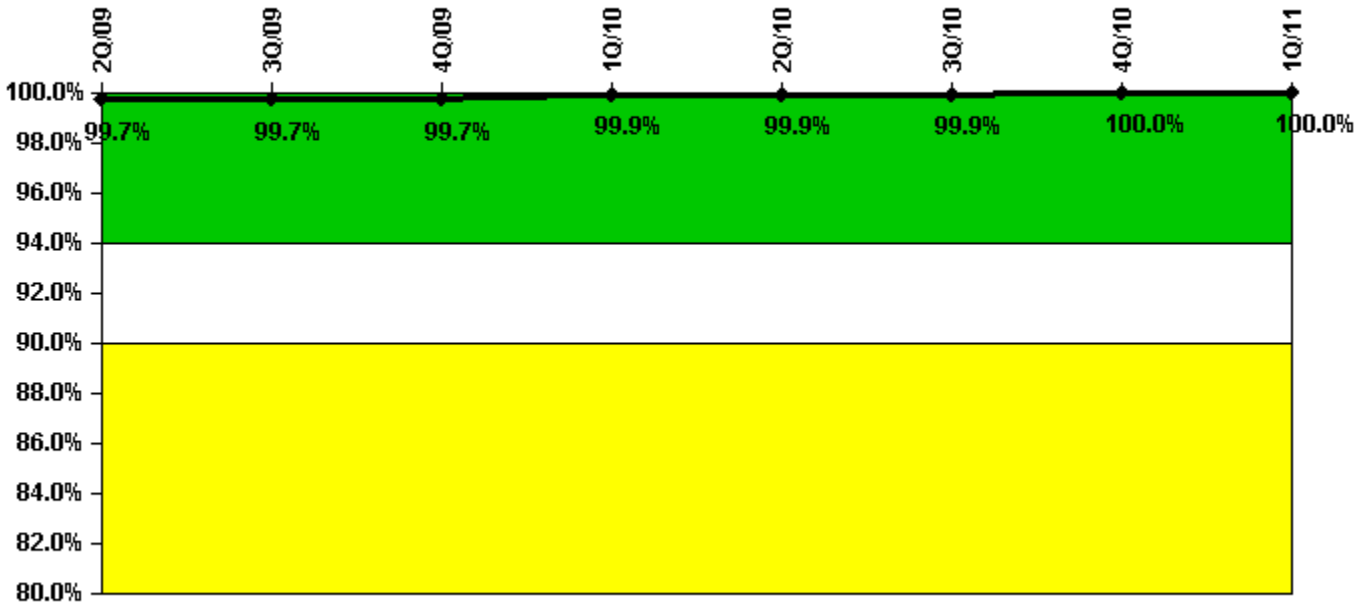
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Participating Key personnel	121.0	117.0	113.0	116.0	118.0	112.0	122.0	120.0
Total Key personnel	121.0	120.0	117.0	121.0	129.0	121.0	123.0	120.0
Indicator value	100.0%	97.5%	96.6%	95.9%	91.5%	92.6%	99.2%	100.0%

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	186	186	185	186	124	186	186	186
Total sirens-tests	186	186	186	186	124	186	186	186
Indicator value	99.7%	99.7%	99.7%	99.9%	99.9%	99.9%	100.0%	100.0%

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	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	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.