

Davis-Besse

4Q/2011 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



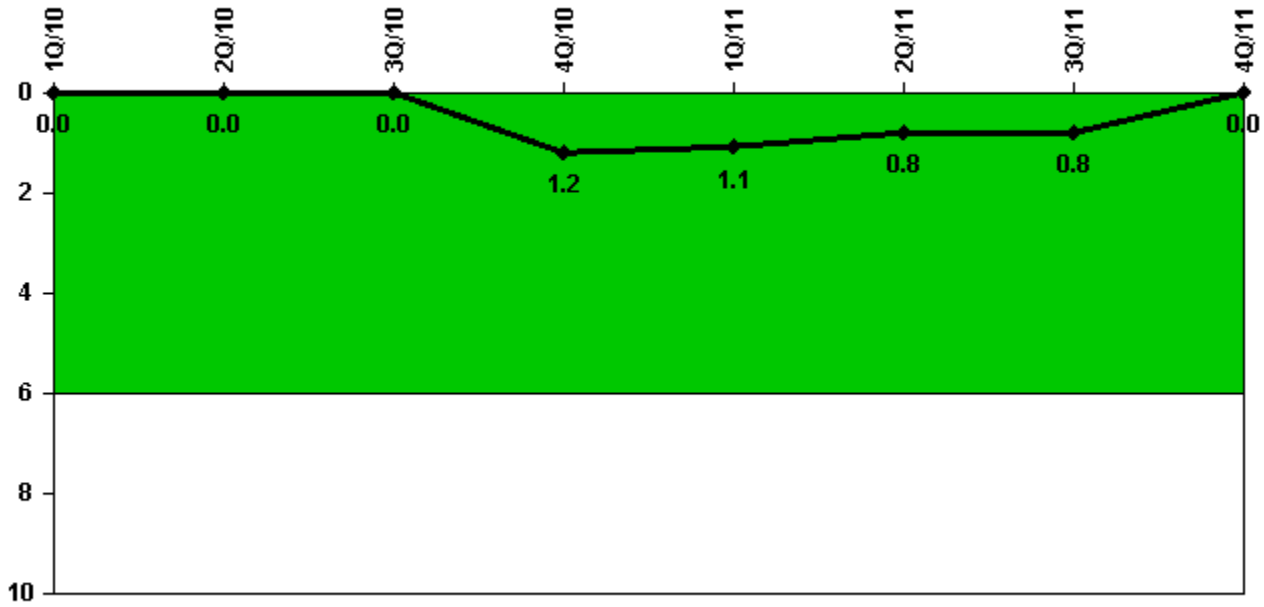
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	0	0	0	0	0
Critical hours	1394.5	70.5	2208.0	2209.0	2030.0	2184.0	2208.0	643.6
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	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Unplanned power changes	0	0	0	1.0	0	0	0	0
Critical hours	1394.5	70.5	2208.0	2209.0	2030.0	2184.0	2208.0	643.6
Indicator value	0	0	0	1.2	1.1	0.8	0.8	0

Licensee Comments: none

Unplanned Scrams with Complications



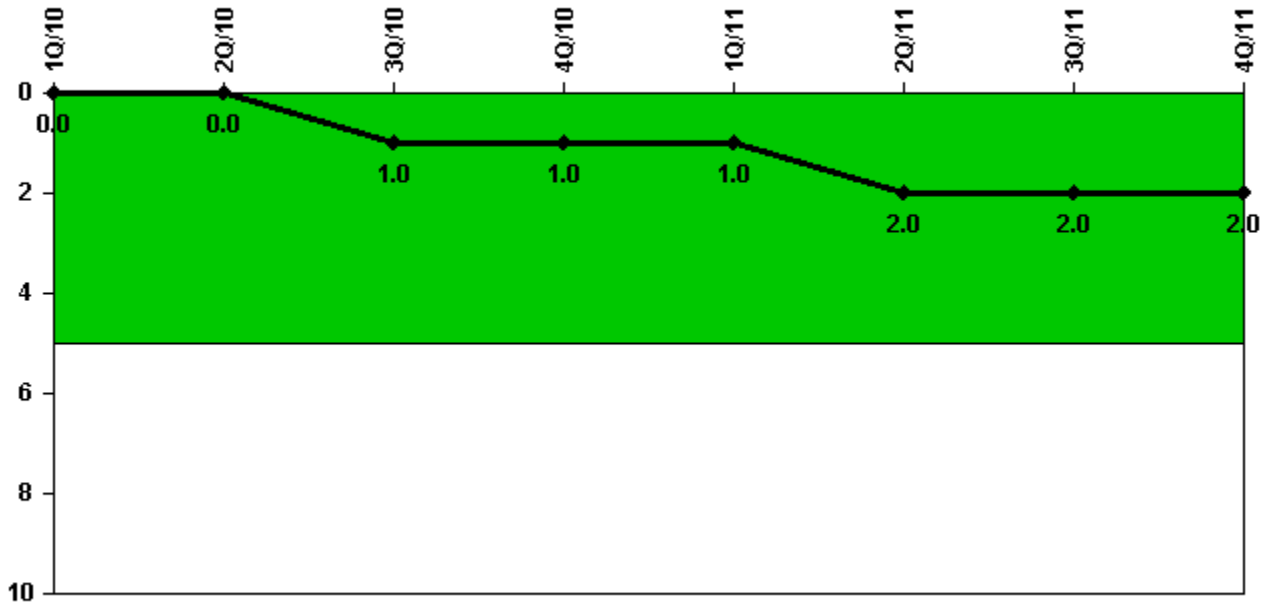
Thresholds: White > 1.0

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)



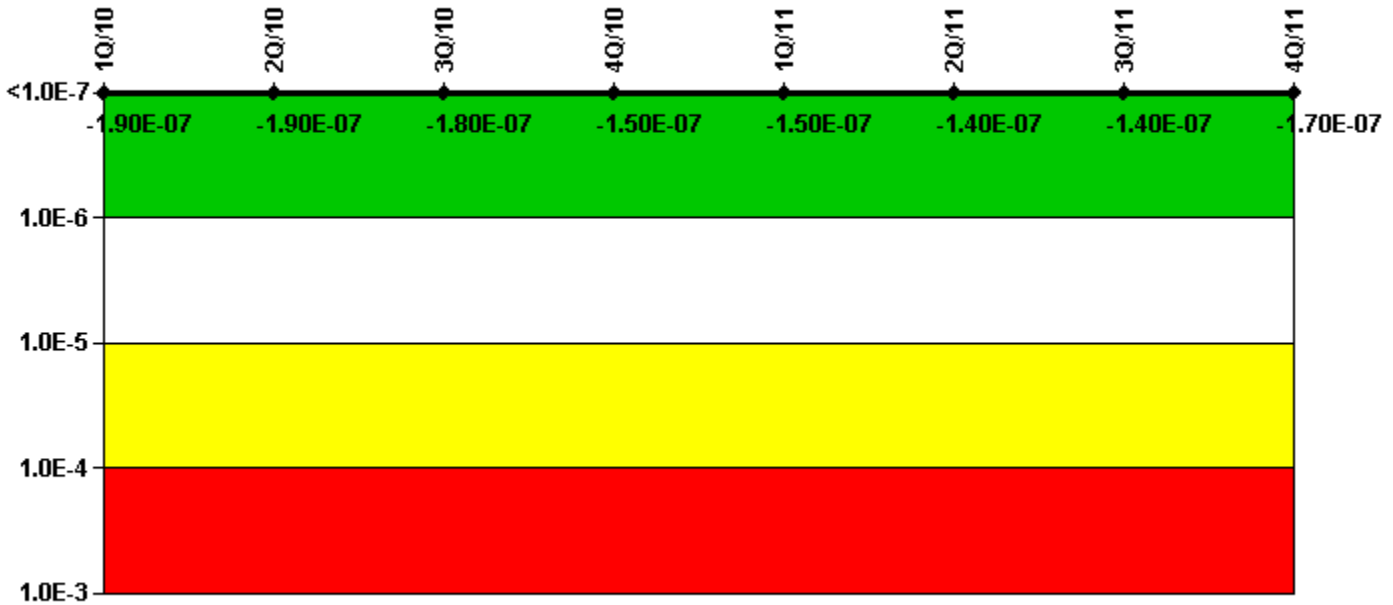
Thresholds: White > 5.0

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	1	0	0	1	1	0
Indicator value	0	0	1	1	1	2	2	2

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



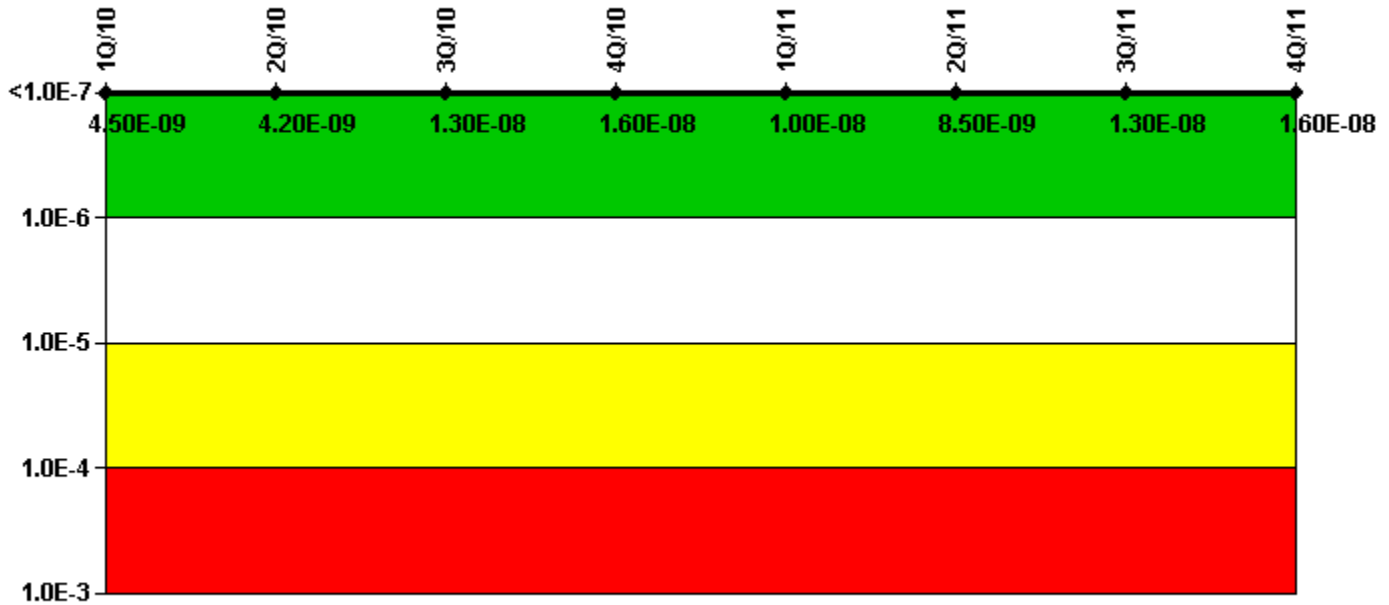
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	-3.65E-08	-3.64E-08	-2.82E-08	9.90E-10	-3.50E-09	5.19E-09	6.06E-09	-2.42E-08
URI (Δ CDF)	-1.58E-07	-1.54E-07	-1.54E-07	-1.49E-07	-1.44E-07	-1.42E-07	-1.43E-07	-1.46E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.90E-07	-1.90E-07	-1.80E-07	-1.50E-07	-1.50E-07	-1.40E-07	-1.40E-07	-1.70E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



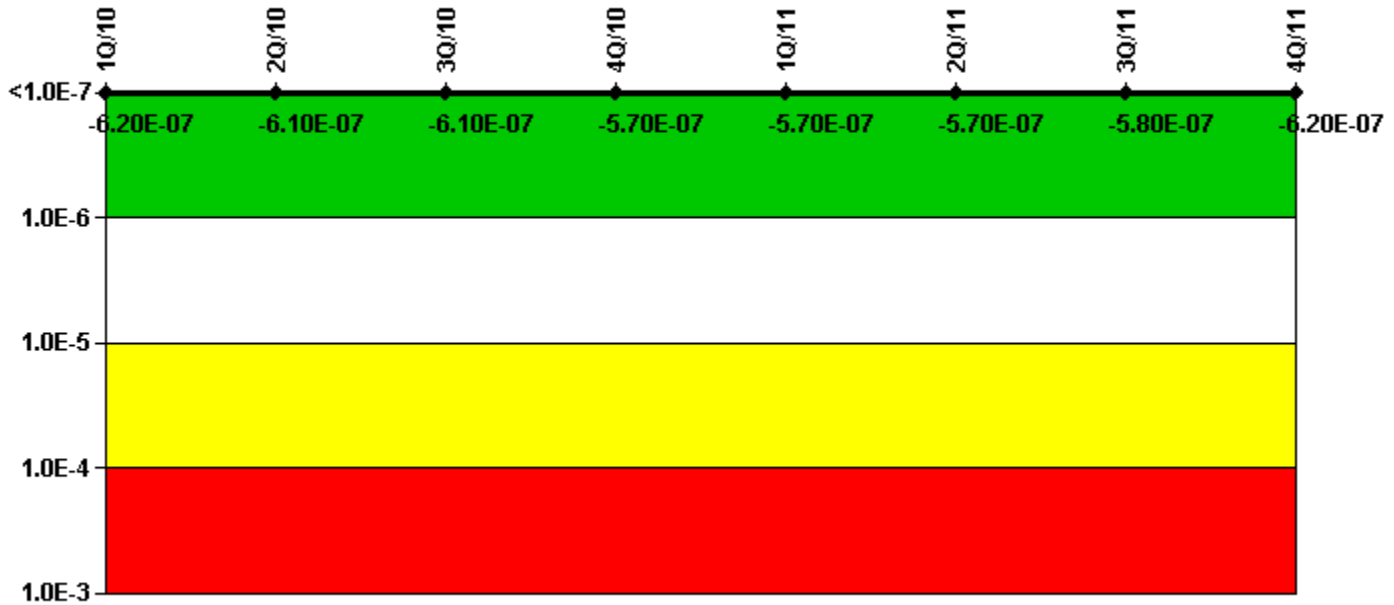
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	8.67E-09	8.35E-09	1.70E-08	2.01E-08	1.39E-08	1.22E-08	1.68E-08	2.04E-08
URI (Δ CDF)	-4.21E-09	-4.15E-09	-4.19E-09	-4.11E-09	-3.60E-09	-3.69E-09	-3.70E-09	-3.96E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.50E-09	4.20E-09	1.30E-08	1.60E-08	1.00E-08	8.50E-09	1.30E-08	1.60E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



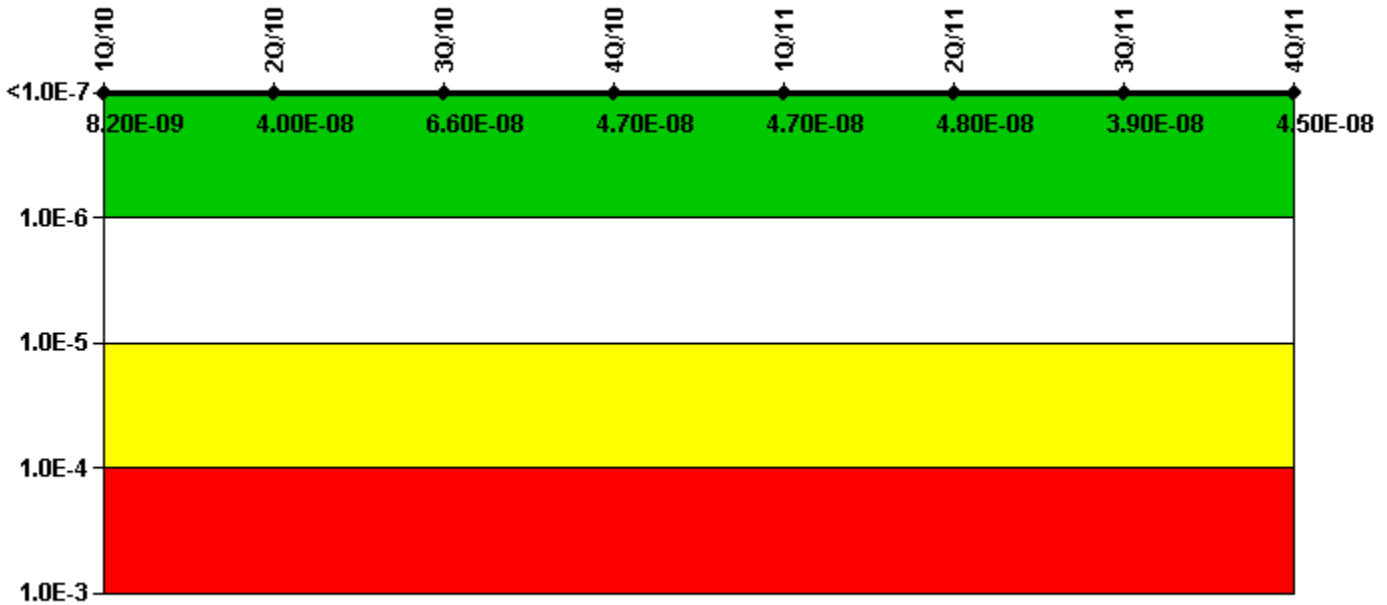
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	-1.20E-08	1.22E-08	2.03E-08	5.92E-08	6.17E-08	7.85E-08	7.65E-08	3.82E-08
URI (Δ CDF)	-6.10E-07	-6.21E-07	-6.31E-07	-6.33E-07	-6.37E-07	-6.47E-07	-6.55E-07	-6.60E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.20E-07	-6.10E-07	-6.10E-07	-5.70E-07	-5.70E-07	-5.70E-07	-5.80E-07	-6.20E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



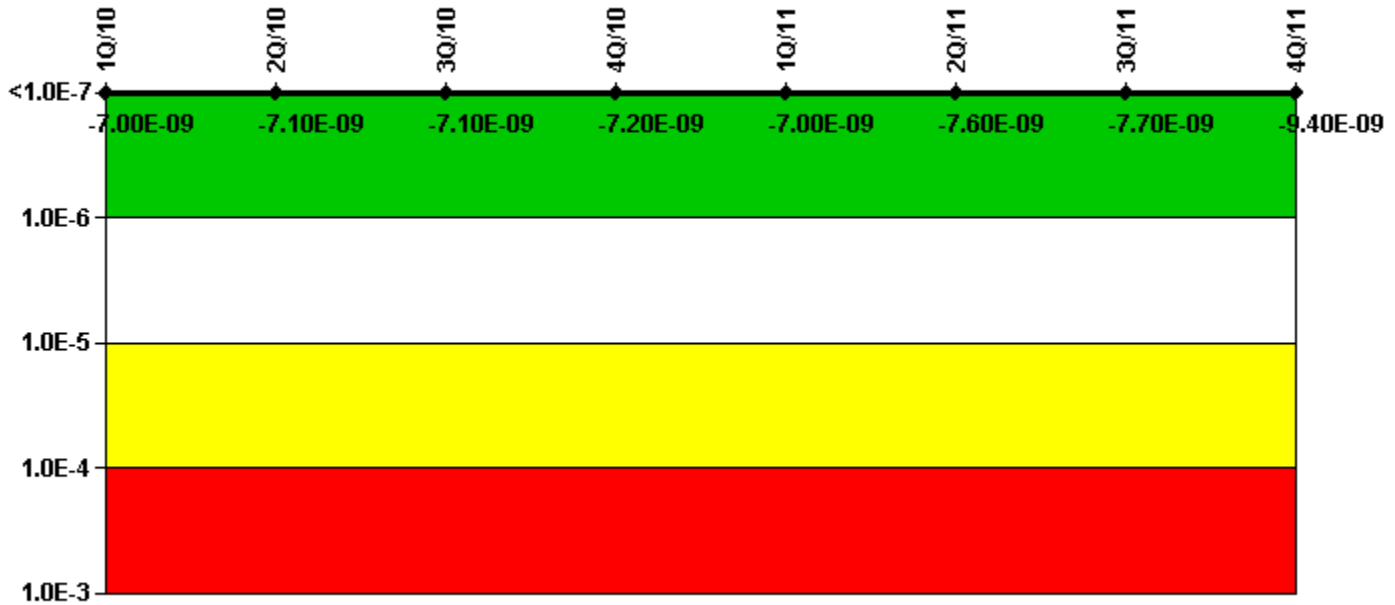
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (Δ CDF)	3.15E-08	3.80E-08	6.57E-08	4.72E-08	4.58E-08	4.84E-08	4.10E-08	5.26E-08
URI (Δ CDF)	-2.33E-08	2.13E-09	7.32E-10	-4.24E-10	1.49E-09	8.30E-11	-1.58E-09	-7.60E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	8.20E-09	4.00E-08	6.60E-08	4.70E-08	4.70E-08	4.80E-08	3.90E-08	4.50E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



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

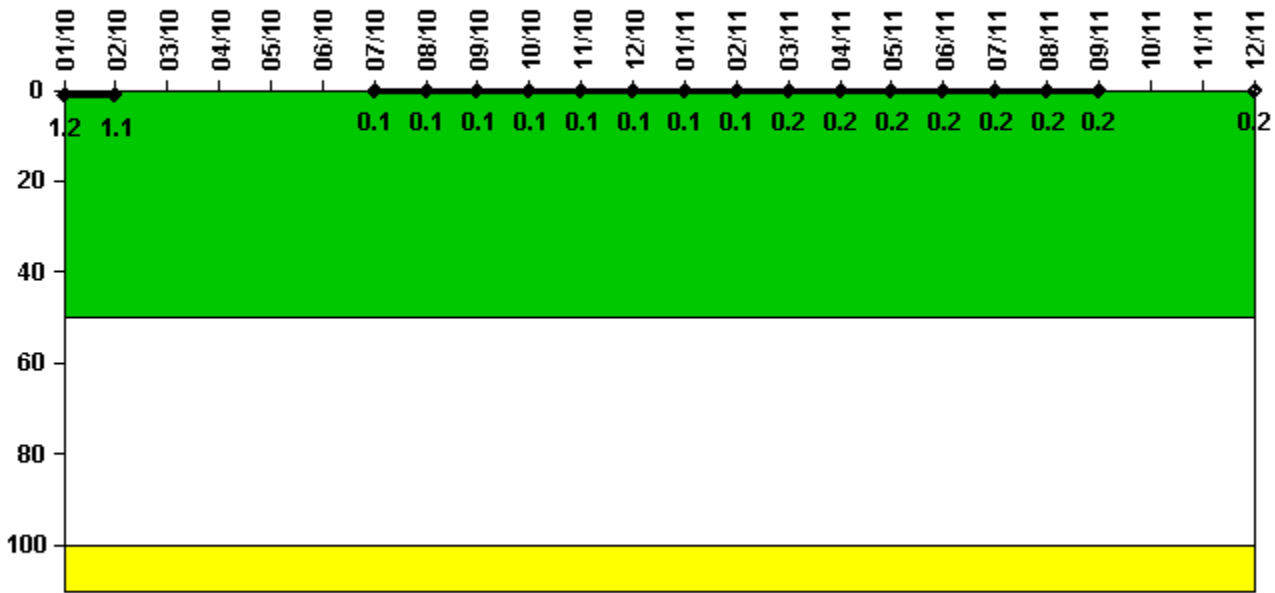
Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (Δ CDF)	1.41E-09	1.55E-09	1.55E-09	1.54E-09	1.49E-09	1.12E-09	1.12E-09	-3.58E-11
URI (Δ CDF)	-8.42E-09	-8.68E-09	-8.62E-09	-8.73E-09	-8.51E-09	-8.74E-09	-8.84E-09	-9.32E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-7.00E-09	-7.10E-09	-7.10E-09	-7.20E-09	-7.00E-09	-7.60E-09	-7.70E-09	-9.40E-09

Licensee Comments:

4Q/11: Minor data entry error corrected for 3Q2009. No change in indicator color resulted.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

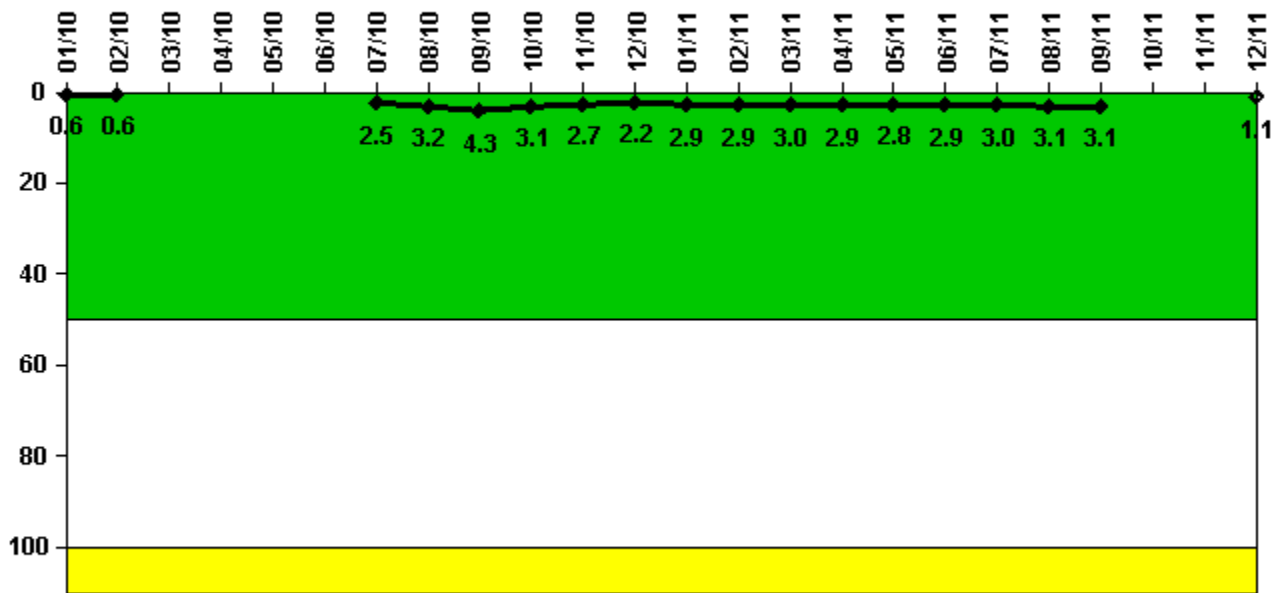
Notes

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	0.012000	0.011000	N/A	N/A	N/A	N/A	0.001100	0.001100	0.001200	0.001200	0.001300	0.001300
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	1.2	1.1	N/A	N/A	N/A	N/A	0.1	0.1	0.1	0.1	0.1	0.1

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	0.001400	0.001400	0.001600	0.001500	0.001700	0.001800	0.001800	0.001800	0.001800	N/A	N/A	0.001900
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	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	N/A	N/A	0.2

Licensee Comments: none

Reactor Coolant System Leakage



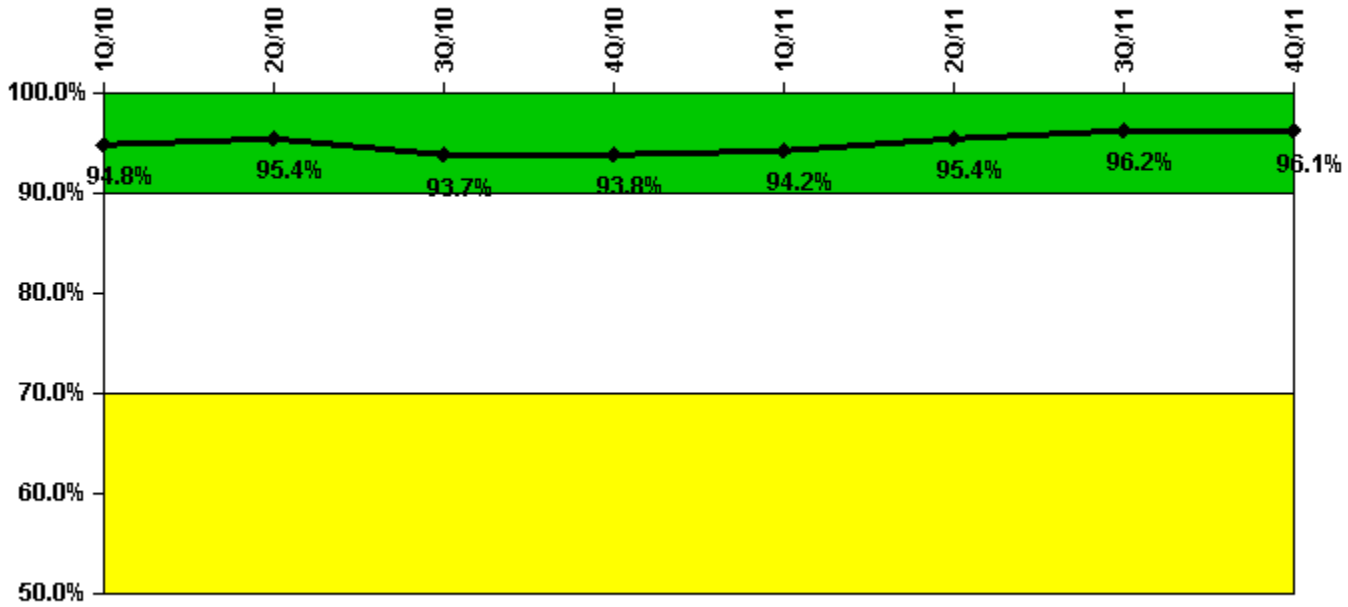
Thresholds: White > 50.0 Yellow > 100.0

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	0.063	0.059	N/A	N/A	N/A	N/A	0.251	0.320	0.427	0.309	0.267	0.219
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	0.6	0.6	N/A	N/A	N/A	N/A	2.5	3.2	4.3	3.1	2.7	2.2
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	0.290	0.285	0.296	0.285	0.279	0.285	0.300	0.312	0.306	N/A	N/A	0.111
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	2.9	2.9	3.0	2.9	2.8	2.9	3.0	3.1	3.1	N/A	N/A	1.1

Licensee Comments: none

Drill/Exercise Performance



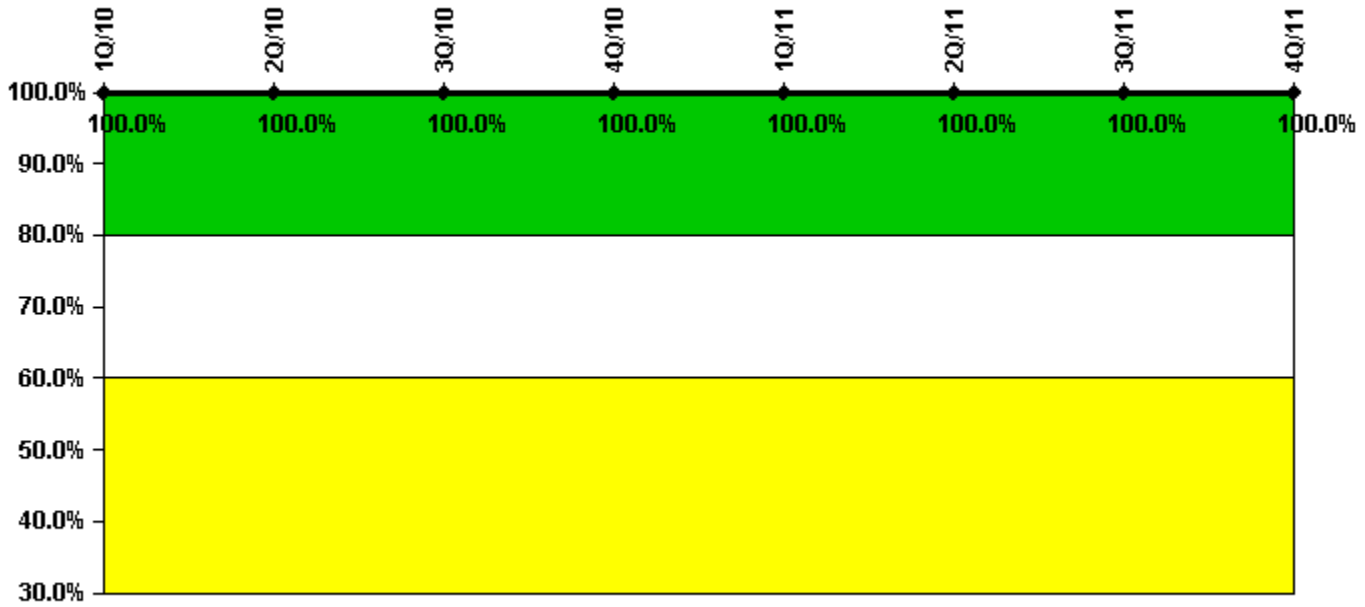
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Successful opportunities	3.0	26.0	23.0	59.0	29.0	65.0	12.0	3.0
Total opportunities	3.0	28.0	27.0	61.0	29.0	66.0	12.0	3.0
Indicator value	94.8%	95.4%	93.7%	93.8%	94.2%	95.4%	96.2%	96.1%

Licensee Comments: none

ERO Drill Participation



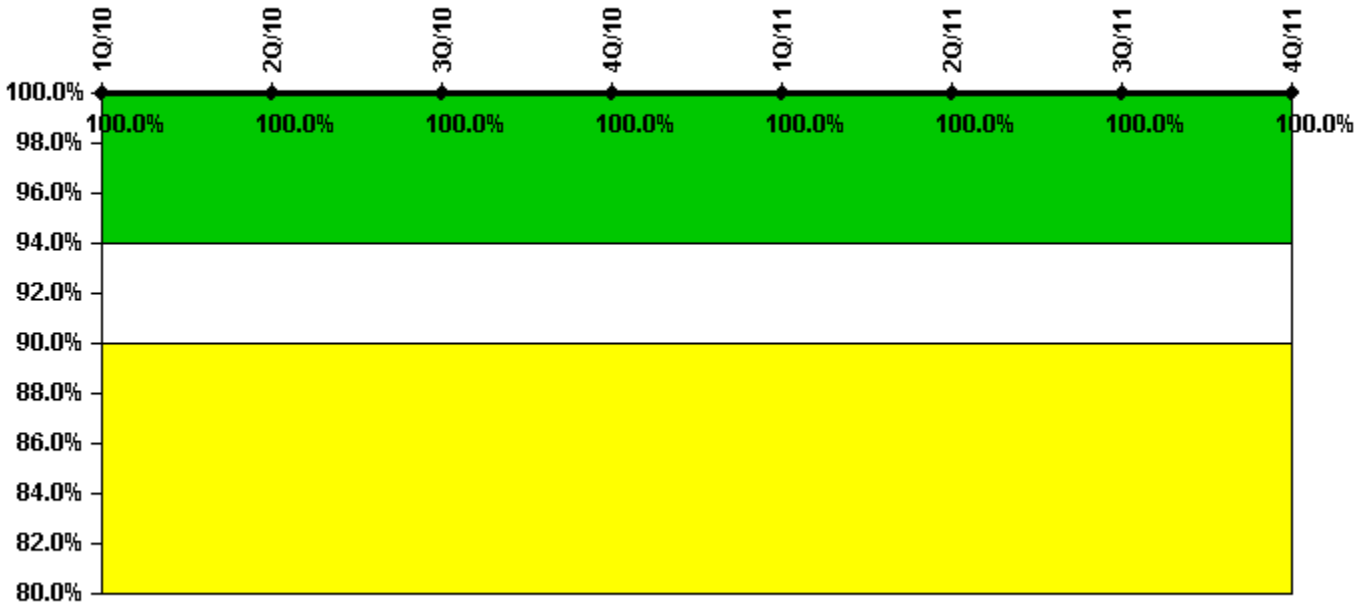
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Participating Key personnel	98.0	99.0	94.0	98.0	93.0	93.0	90.0	88.0
Total Key personnel	98.0	99.0	94.0	98.0	93.0	93.0	90.0	88.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



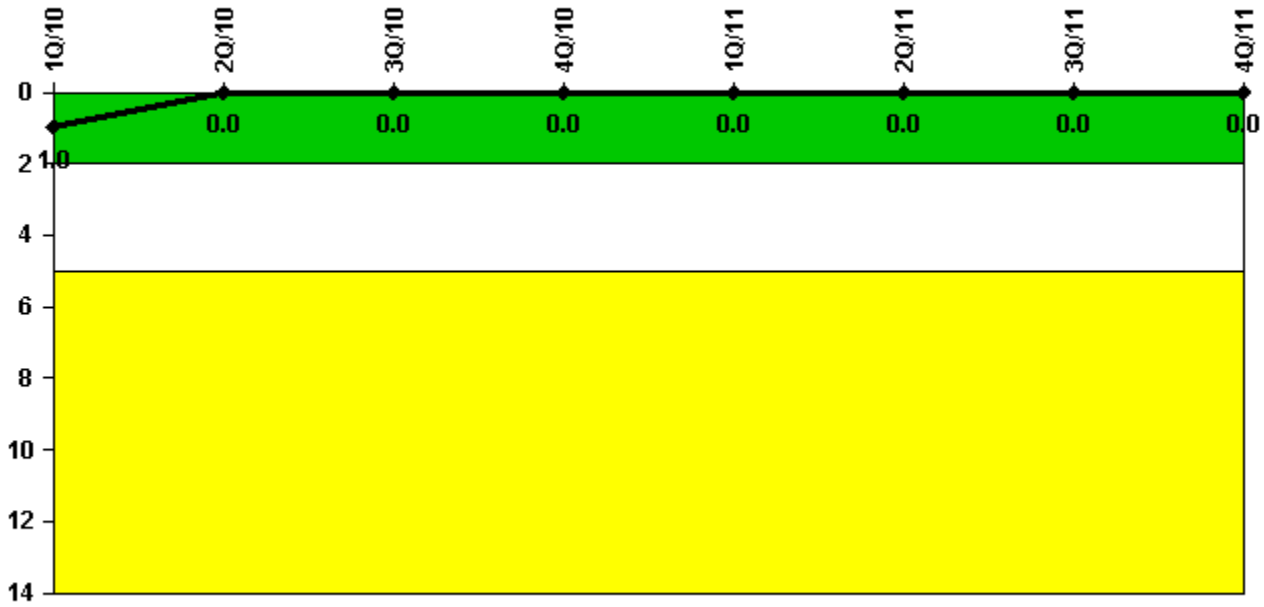
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Successful siren-tests	702	648	702	755	648	702	756	702
Total sirens-tests	702	648	702	756	648	702	756	702
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



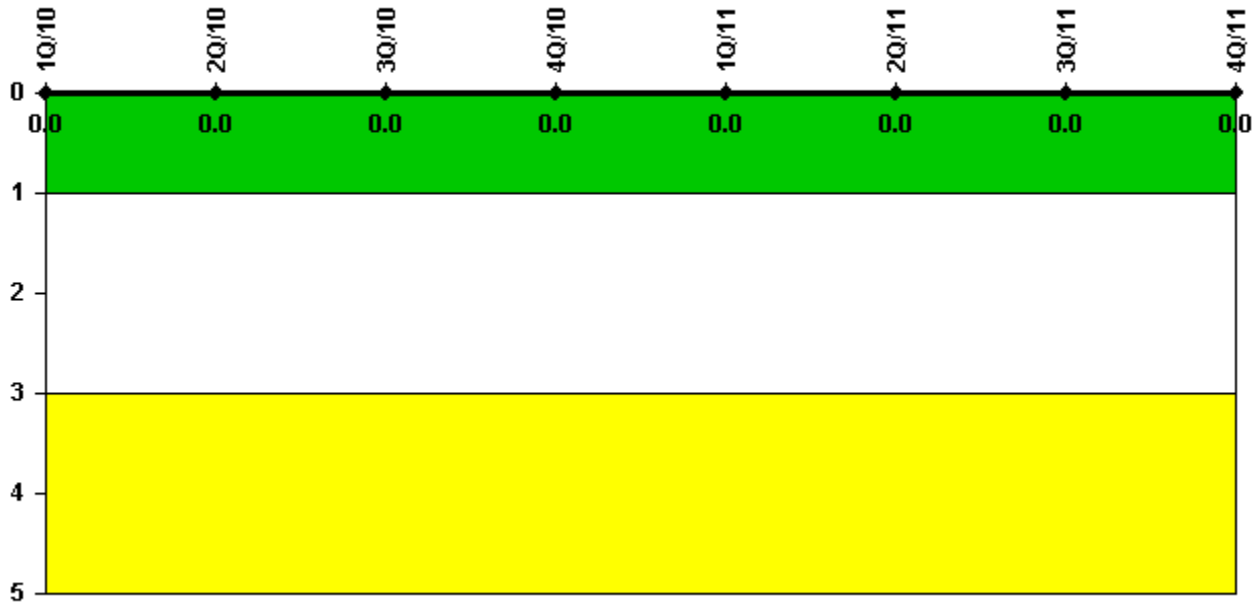
Thresholds: White > 2.0 Yellow > 5.0

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	0
Indicator value	1	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	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.