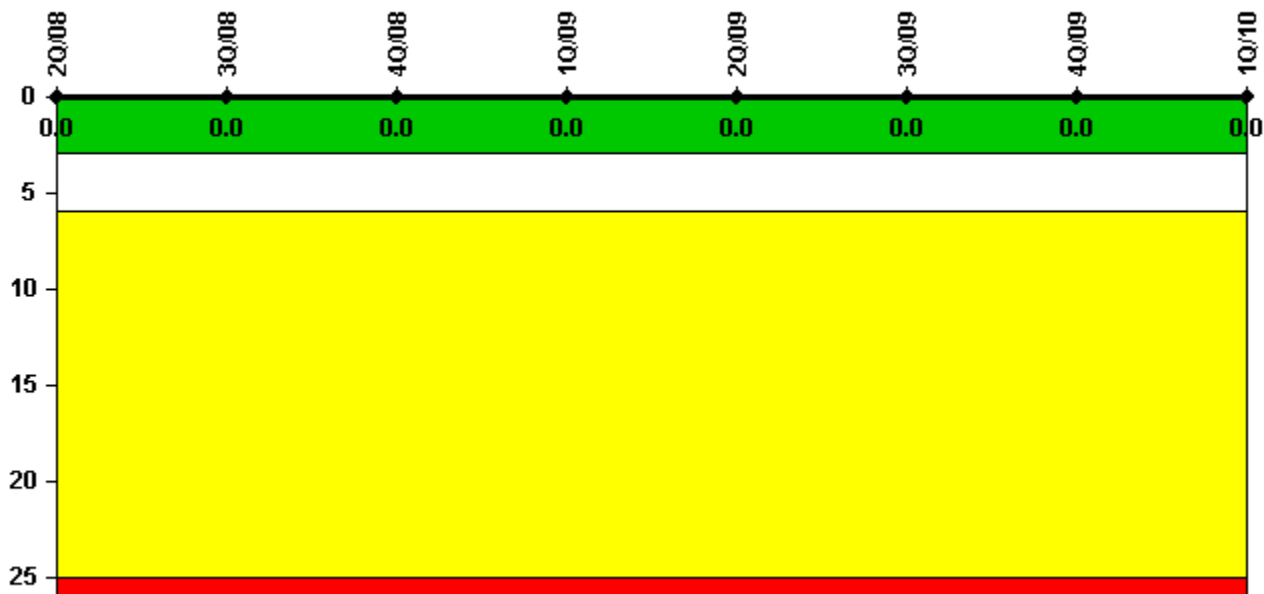


Dresden 2

1Q/2010 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



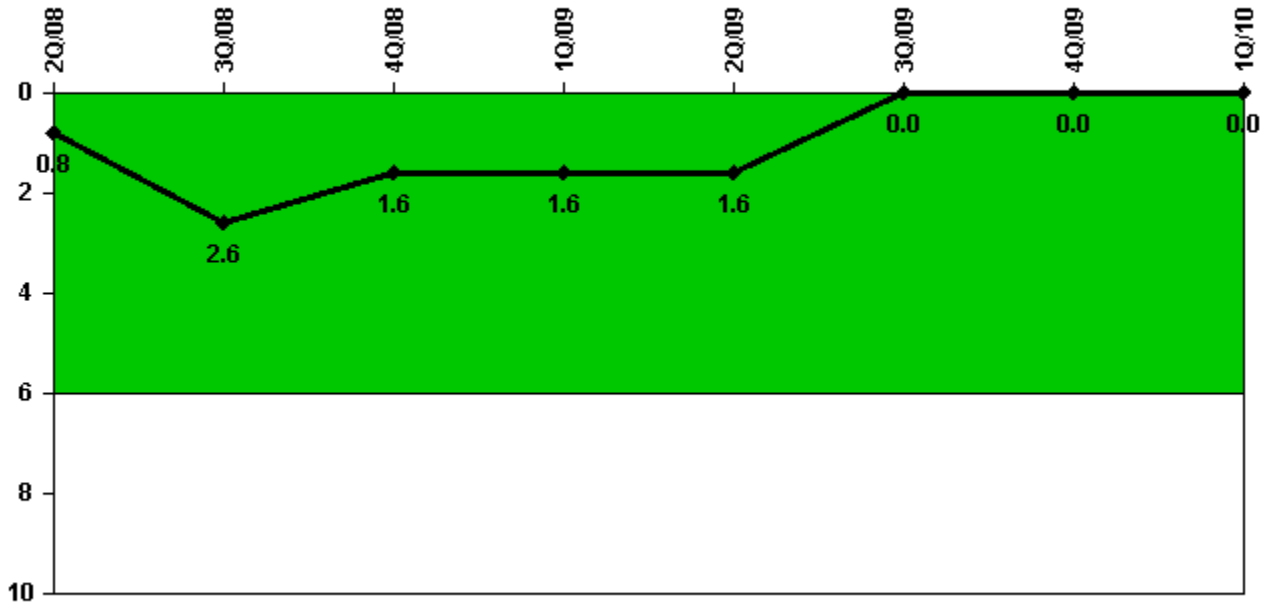
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2184.0	2087.4	2209.0	2159.0	2184.0	2208.0	1508.4	2159.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



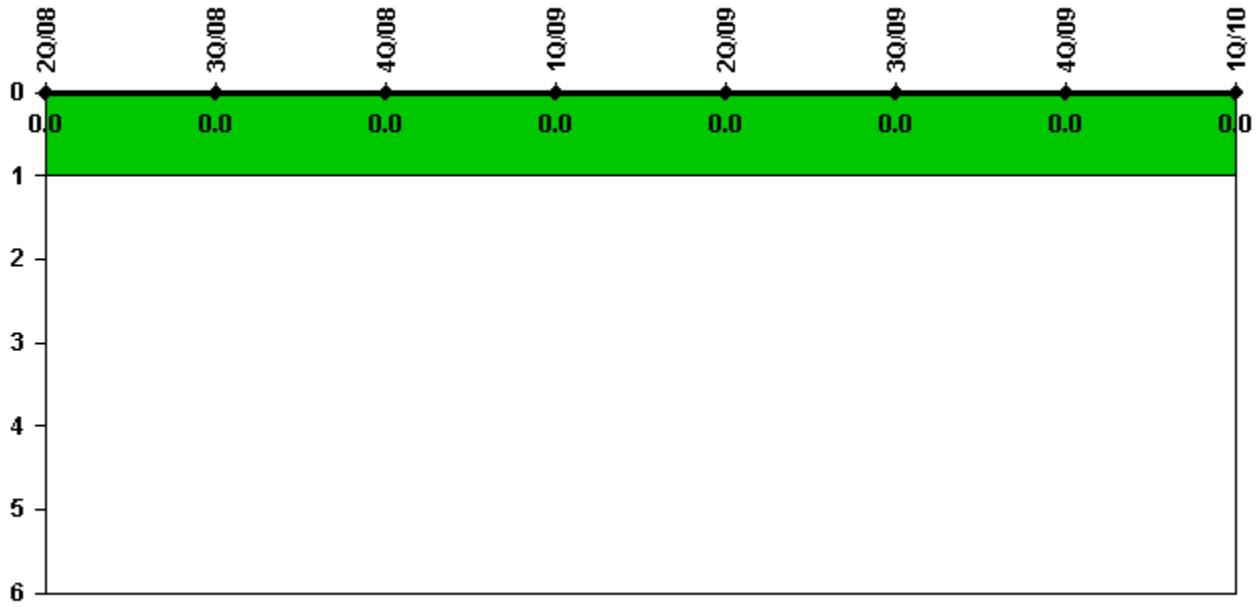
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Unplanned power changes	0	2.0	0	0	0	0	0	0
Critical hours	2184.0	2087.4	2209.0	2159.0	2184.0	2208.0	1508.4	2159.0
Indicator value	0.8	2.6	1.6	1.6	1.6	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



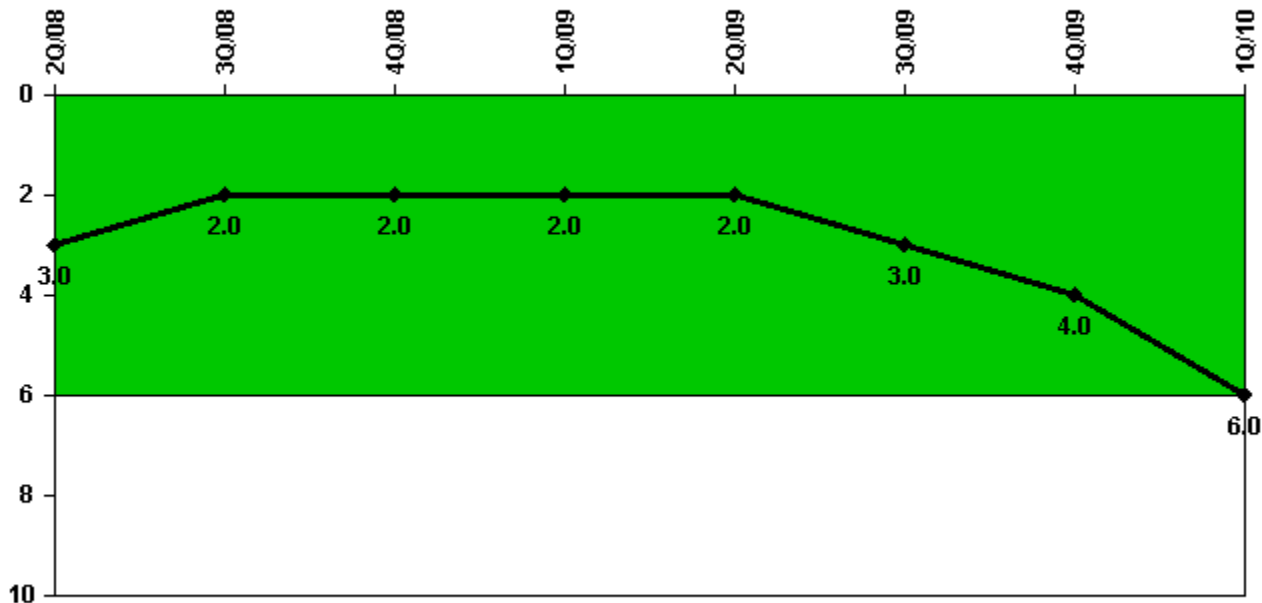
Thresholds: White > 1.0

Notes

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



Thresholds: White > 6.0

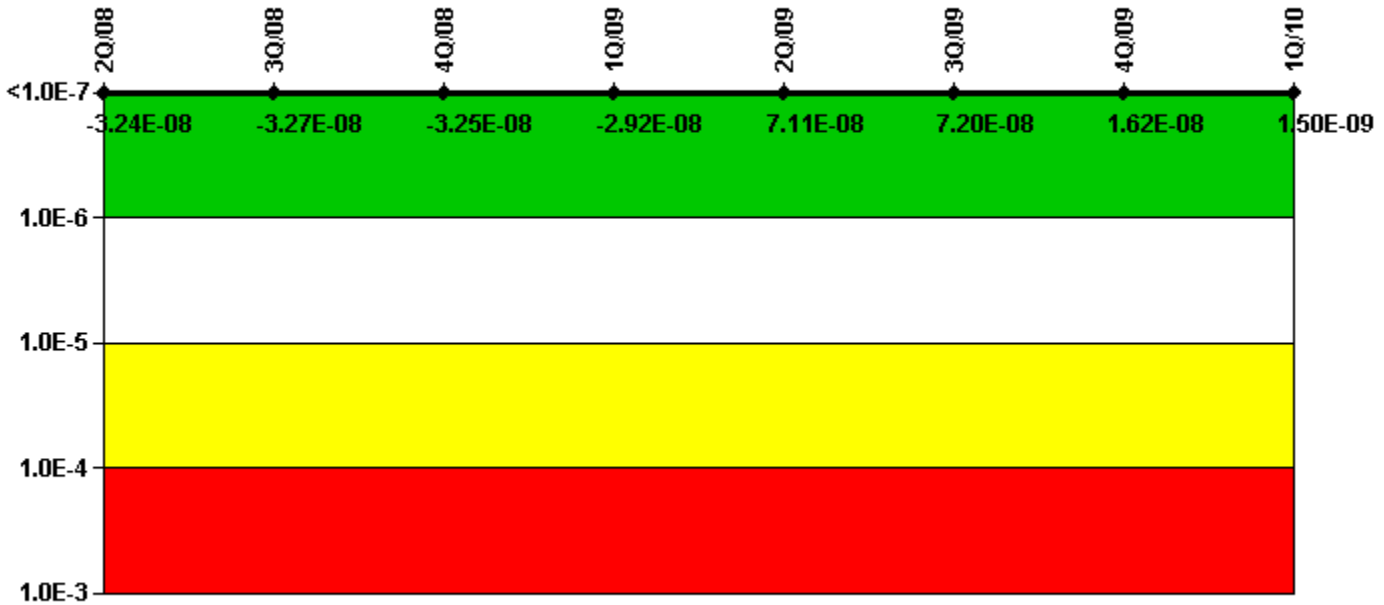
Notes

Safety System Functional Failures (BWR)	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Safety System Functional Failures	2	0	0	0	2	1	1	2
Indicator value	3	2	2	2	2	3	4	6

Licensee Comments:

1Q/10: 1) LER 237/2009-006-00, "Failure of Main Control Room Ventilation Due to Breaker Malfunction," submitted on 1/11/2010. 2) LER 237/2009-007-00, " Reactor Protection System Nonconformance to a Design Standard," submitted on 1/22/2010.

Mitigating Systems Performance Index, Emergency AC Power System



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

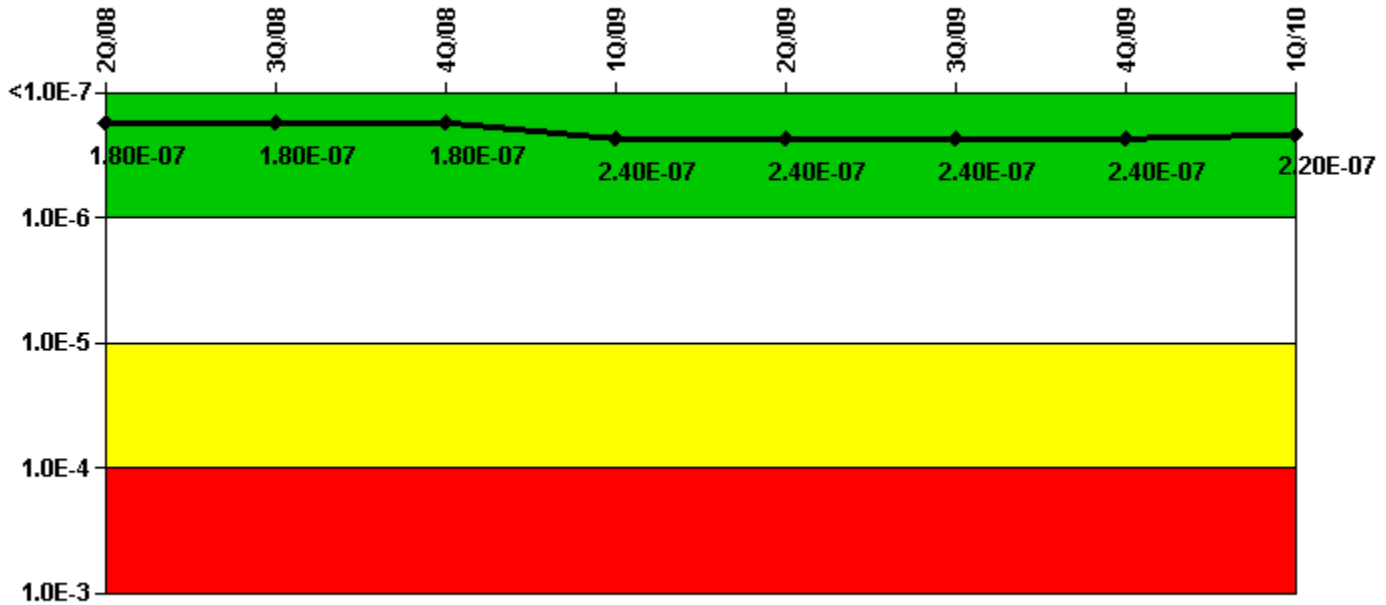
Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (ΔCDF)	5.90E-10	3.50E-10	5.20E-10	5.80E-09	8.10E-09	9.00E-09	1.40E-08	8.87E-10
URI (ΔCDF)	-3.30E-08	-3.30E-08	-3.30E-08	-3.50E-08	6.30E-08	6.30E-08	2.20E-09	5.99E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.24E-08	-3.27E-08	-3.25E-08	-2.92E-08	7.11E-08	7.20E-08	1.62E-08	1.50E-09

Licensee Comments:

1Q/10: Changed PRA Parameter(s).

Mitigating Systems Performance Index, High Pressure Injection System



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

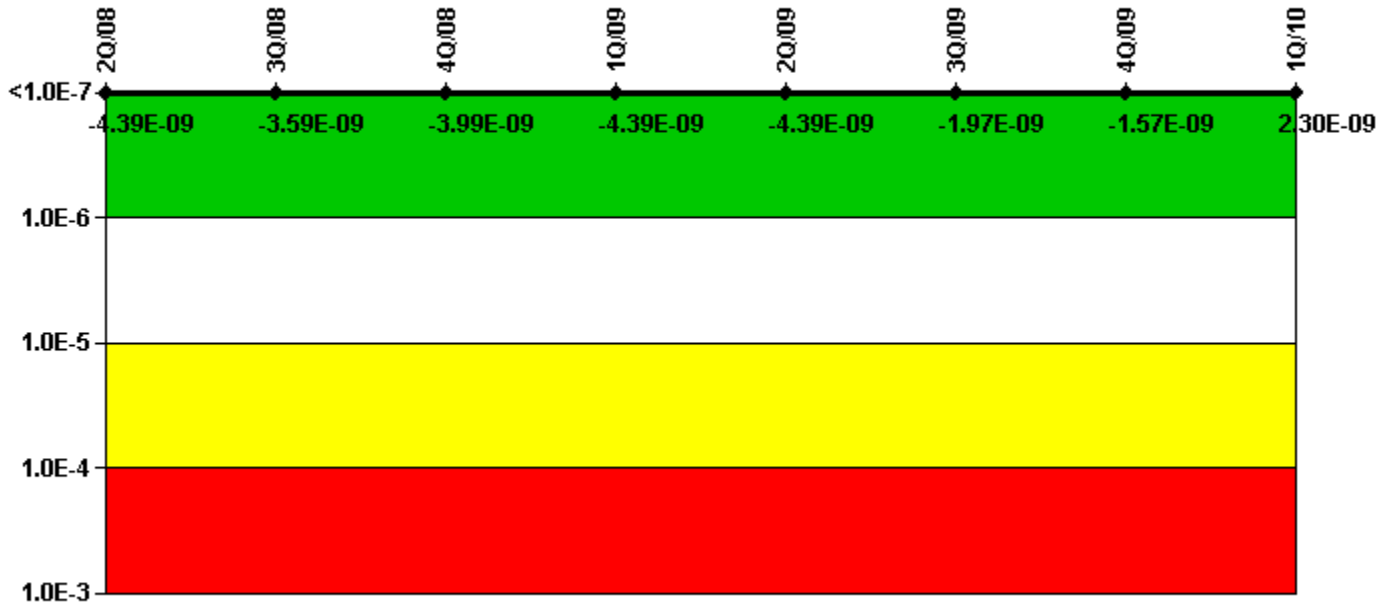
Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (Δ CDF)	-4.00E-08	-4.00E-08	-4.00E-08	-4.00E-08	-4.00E-08	-4.00E-08	-4.00E-08	-3.63E-08
URI (Δ CDF)	2.20E-07	2.20E-07	2.20E-07	2.80E-07	2.80E-07	2.80E-07	2.80E-07	2.54E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.80E-07	1.80E-07	1.80E-07	2.40E-07	2.40E-07	2.40E-07	2.40E-07	2.20E-07

Licensee Comments:

1Q/10: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



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

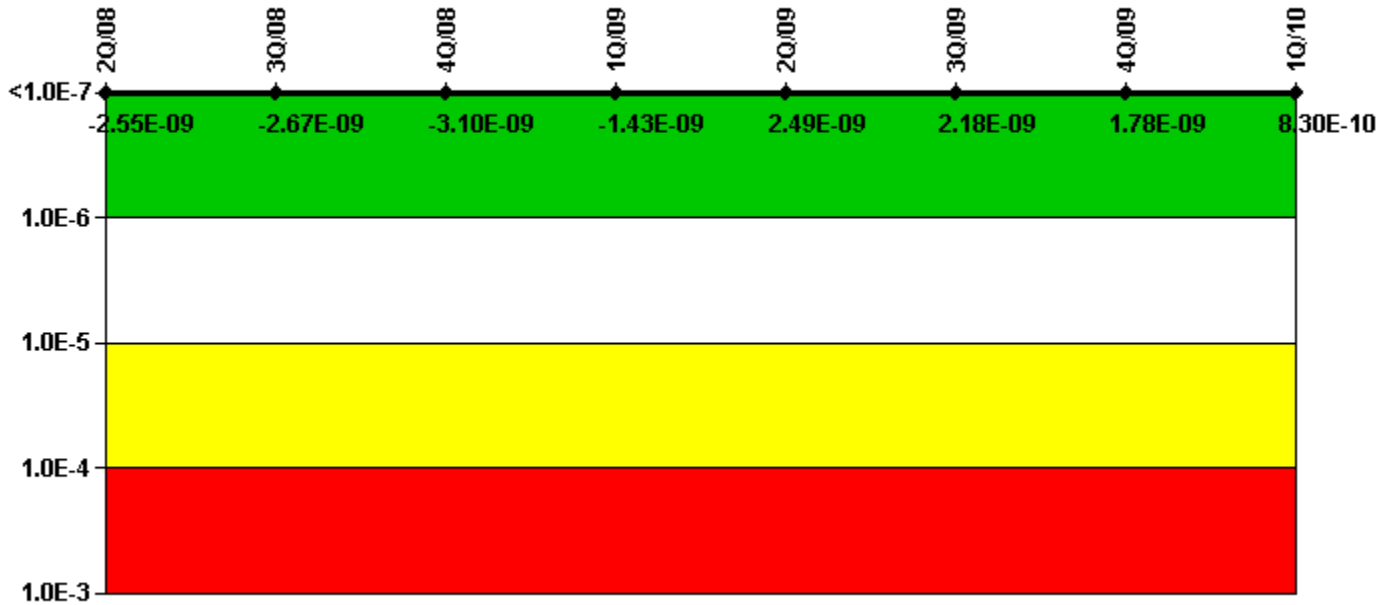
Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (Δ CDF)	-4.30E-09	-3.50E-09	-3.90E-09	-4.30E-09	-4.30E-09	-1.90E-09	-1.50E-09	2.40E-09
URI (Δ CDF)	-8.80E-11	-8.80E-11	-8.80E-11	-8.80E-11	-8.80E-11	-7.10E-11	-7.10E-11	-1.18E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.39E-09	-3.59E-09	-3.99E-09	-4.39E-09	-4.39E-09	-1.97E-09	-1.57E-09	2.30E-09

Licensee Comments:

1Q/10: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System



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

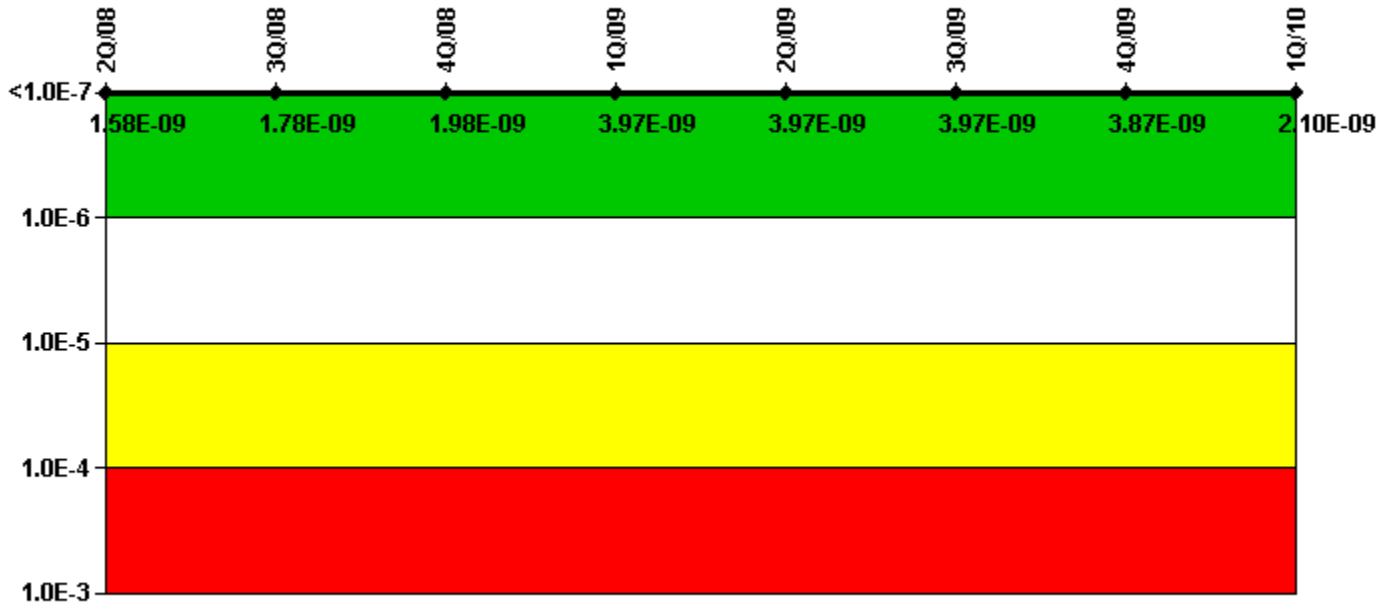
Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (Δ CDF)	-7.50E-10	-7.70E-10	-1.20E-09	5.70E-10	8.90E-10	8.80E-10	6.80E-10	-3.39E-10
URI (Δ CDF)	-1.80E-09	-1.90E-09	-1.90E-09	-2.00E-09	1.60E-09	1.30E-09	1.10E-09	1.17E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.55E-09	-2.67E-09	-3.10E-09	-1.43E-09	2.49E-09	2.18E-09	1.78E-09	8.30E-10

Licensee Comments:

1Q/10: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



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

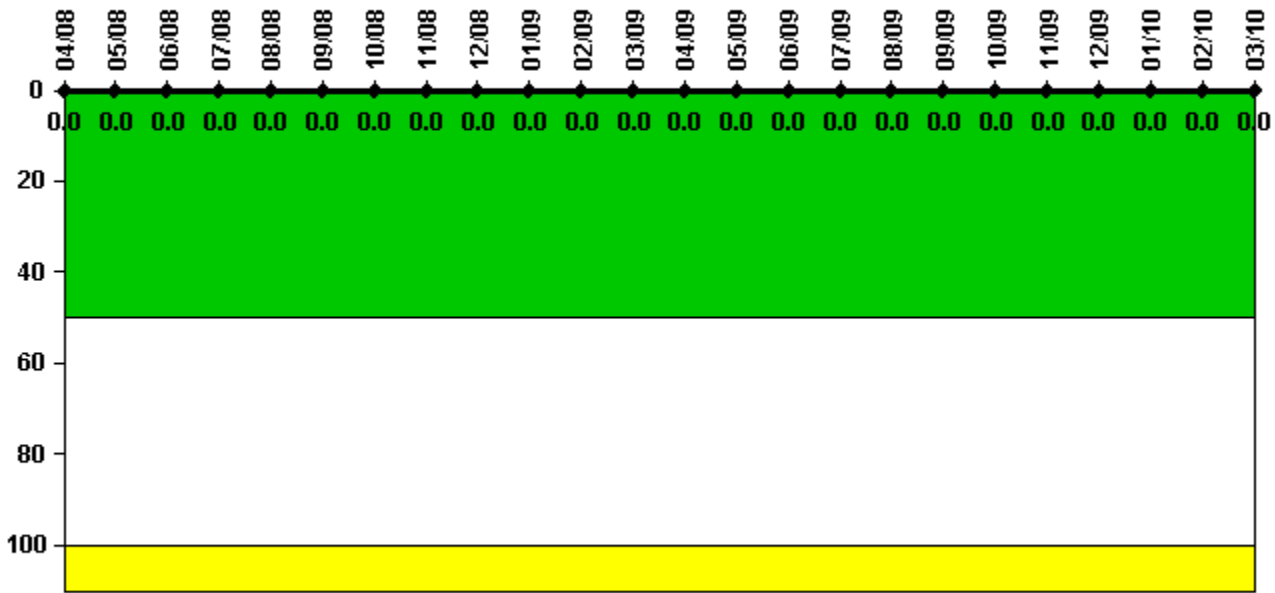
Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (Δ CDF)	1.60E-09	1.80E-09	2.00E-09	4.00E-09	4.00E-09	4.00E-09	3.90E-09	2.09E-09
URI (Δ CDF)	-2.40E-11	-2.50E-11	-2.50E-11	-2.60E-11	-2.70E-11	-2.90E-11	-3.00E-11	-1.56E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.58E-09	1.78E-09	1.98E-09	3.97E-09	3.97E-09	3.97E-09	3.87E-09	2.10E-09

Licensee Comments:

1Q/10: Changed PRA Parameter(s).

Reactor Coolant System Activity



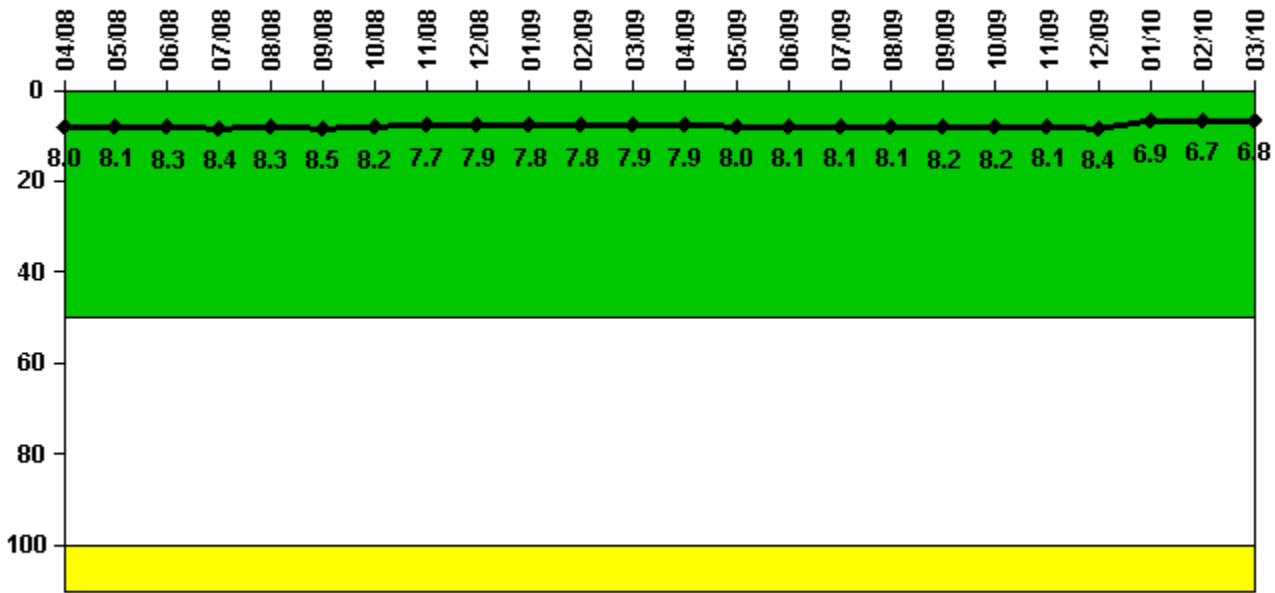
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	4/08	5/08	6/08	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09
Maximum activity	0.000003	0.000003	0.000002	0.000002	0.000003	0.000002	0.000003	0.000003	0.000003	0.000002	0.000002	0.000003
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	0	0	0	0	0
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	0.000003	0.000003	0.000003	0.000003	0.000003	0.000003	0.000003	0.000009	0.000003	0.000003	0.000002	0.000003
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	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



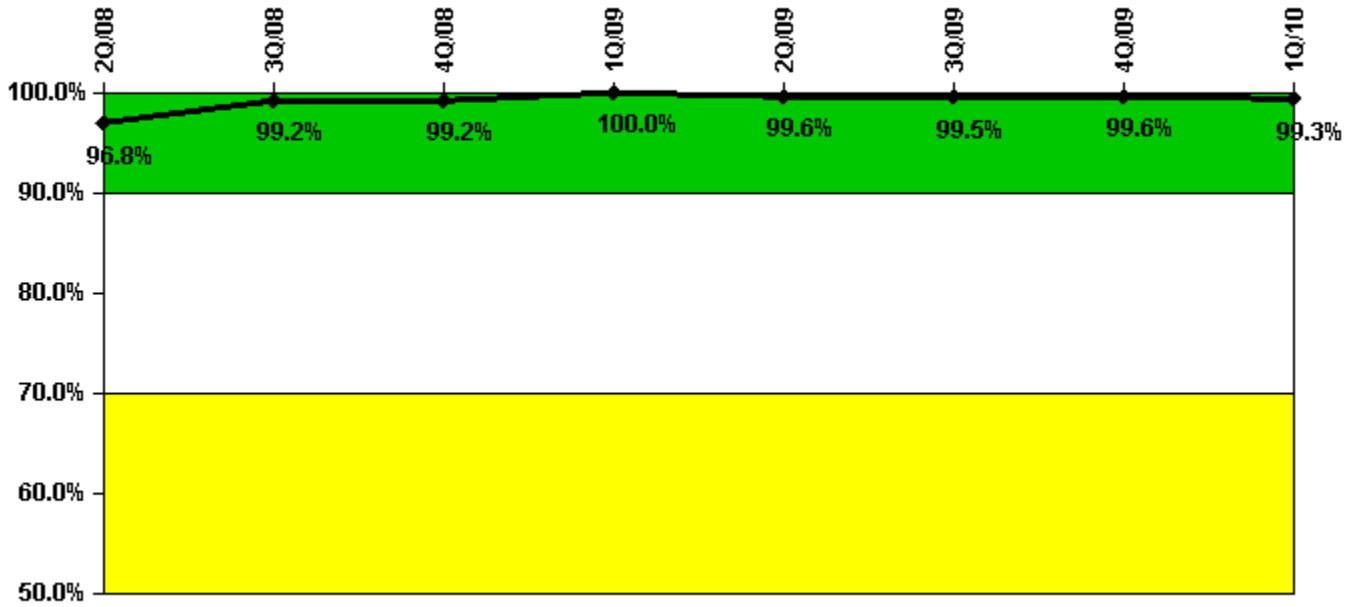
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/08	5/08	6/08	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09
Maximum leakage	1.995	2.030	2.080	2.105	2.083	2.115	2.045	1.928	1.973	1.942	1.950	1.980
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	8.0	8.1	8.3	8.4	8.3	8.5	8.2	7.7	7.9	7.8	7.8	7.9
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	1.975	1.992	2.015	2.017	2.023	2.042	2.040	2.018	2.100	1.718	1.685	1.707
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	7.9	8.0	8.1	8.1	8.1	8.2	8.2	8.1	8.4	6.9	6.7	6.8

Licensee Comments: none

Drill/Exercise Performance



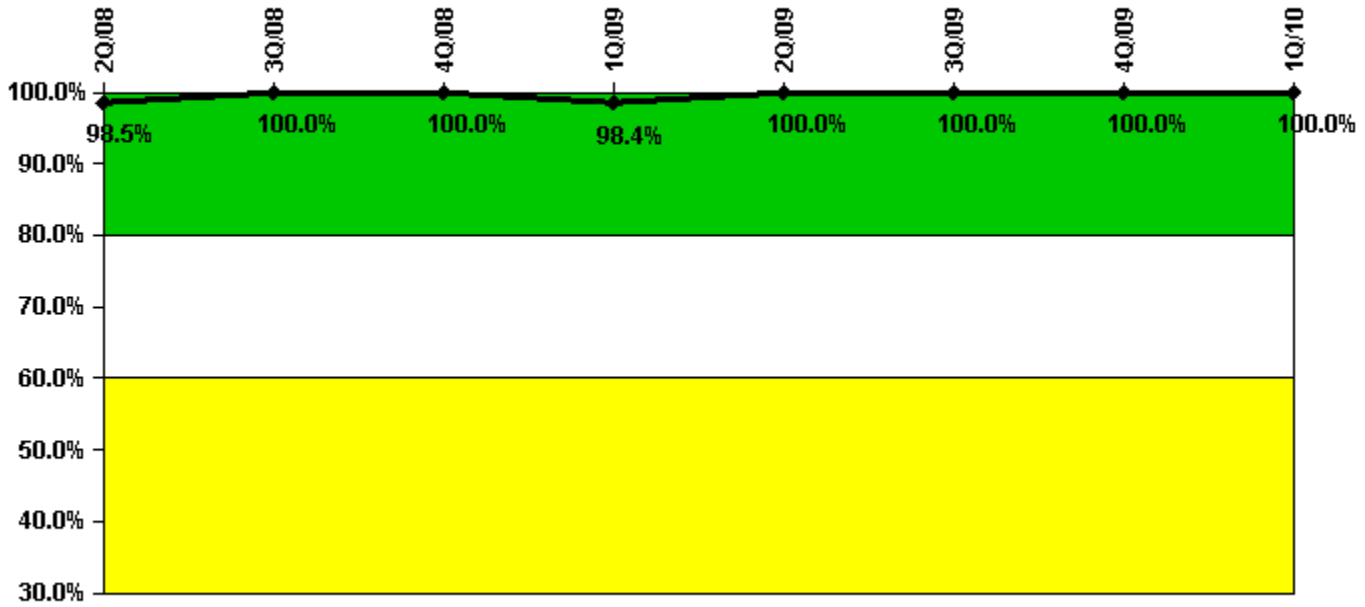
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Successful opportunities	16.0	40.0	24.0	46.0	33.0	36.0	34.0	41.0
Total opportunities	16.0	40.0	24.0	46.0	34.0	36.0	34.0	42.0
Indicator value	96.8%	99.2%	99.2%	100.0%	99.6%	99.5%	99.6%	99.3%

Licensee Comments: none

ERO Drill Participation



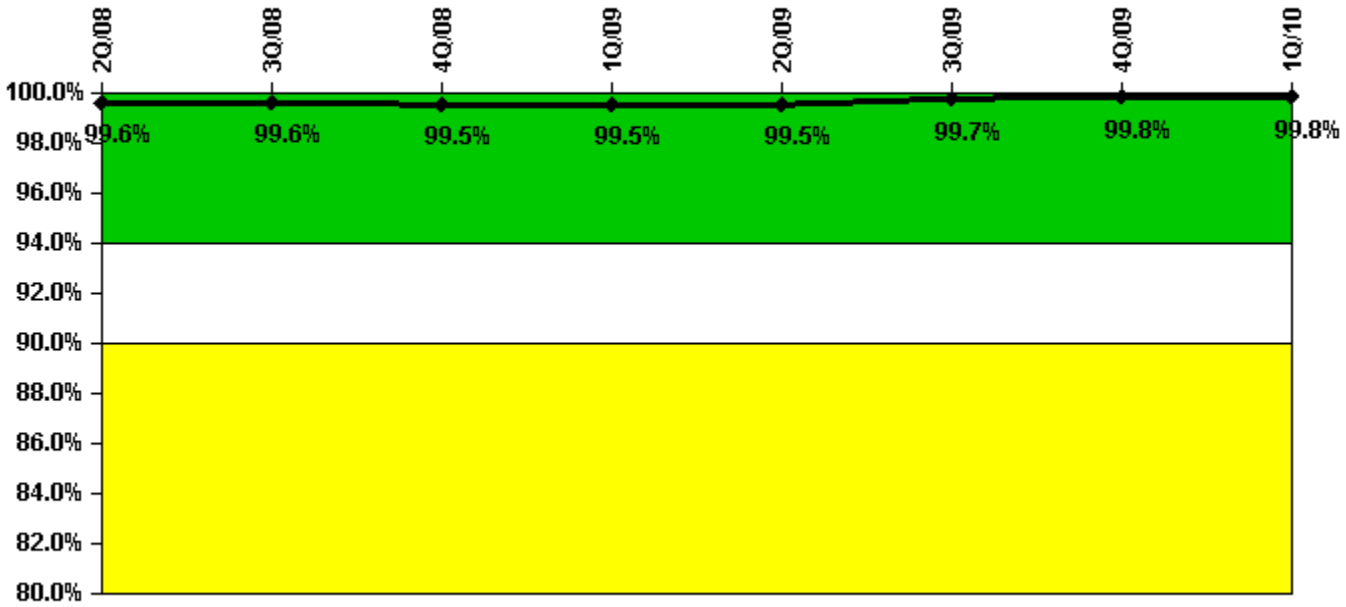
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Participating Key personnel	67.0	64.0	64.0	63.0	65.0	65.0	71.0	72.0
Total Key personnel	68.0	64.0	64.0	64.0	65.0	65.0	71.0	72.0
Indicator value	98.5%	100.0%	100.0%	98.4%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



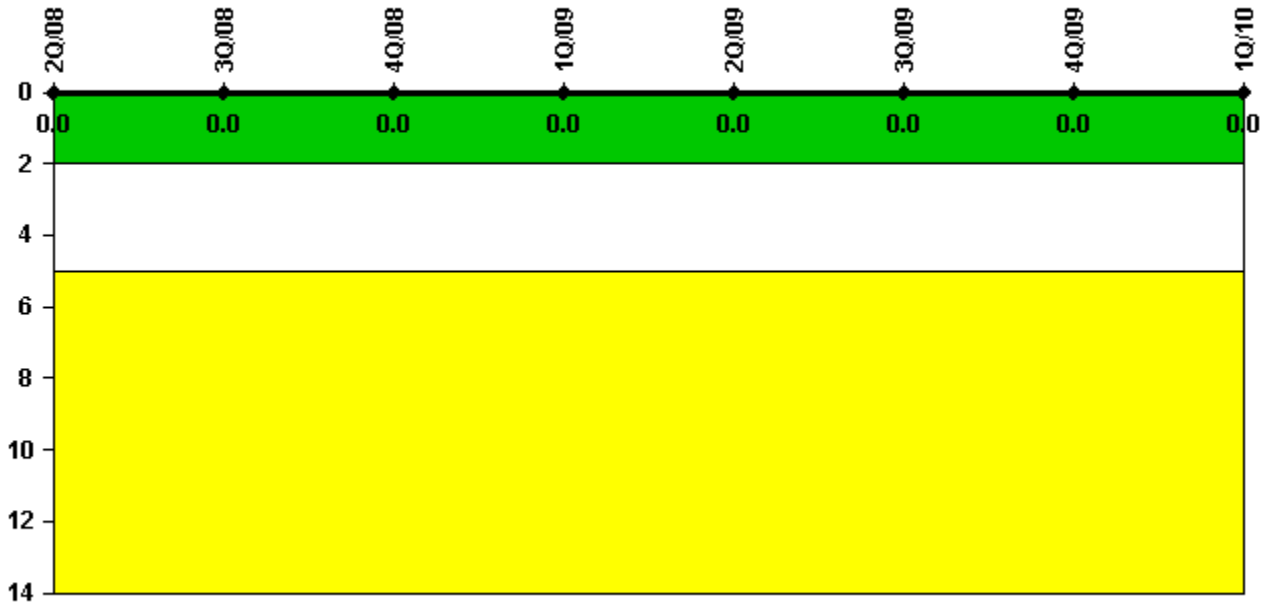
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Successful siren-tests	4972	5037	4963	4900	4978	5064	4983	2893
Total sirens-tests	4992	5070	4992	4914	4992	5070	4992	2898
Indicator value	99.6%	99.6%	99.5%	99.5%	99.5%	99.7%	99.8%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



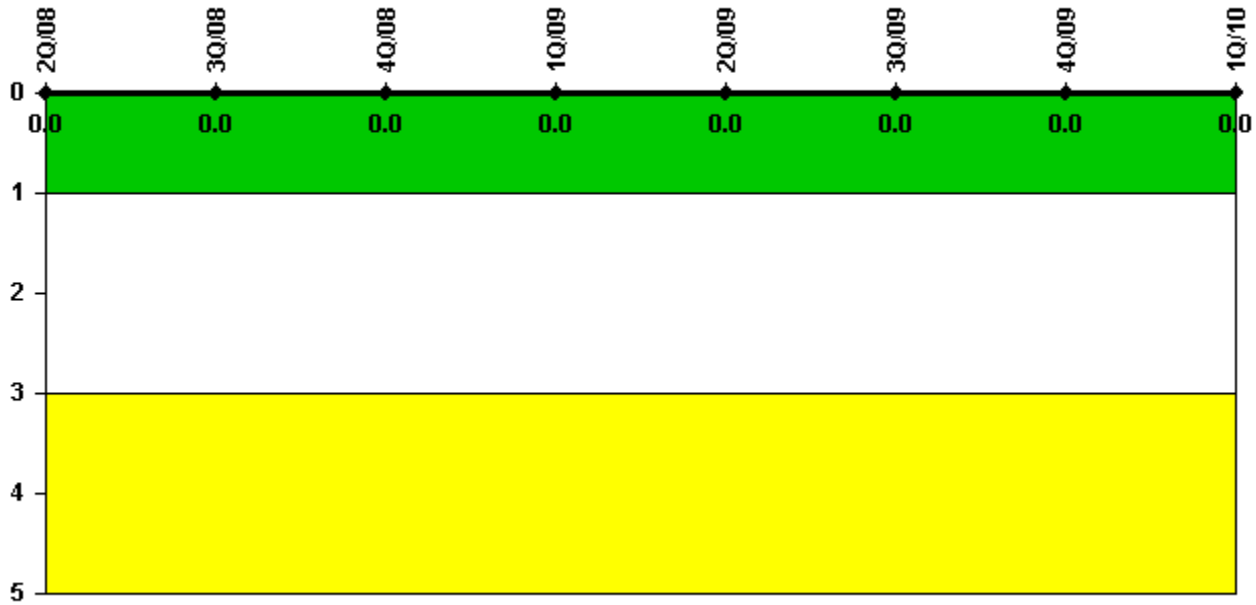
Thresholds: White > 2.0 Yellow > 5.0

Notes

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