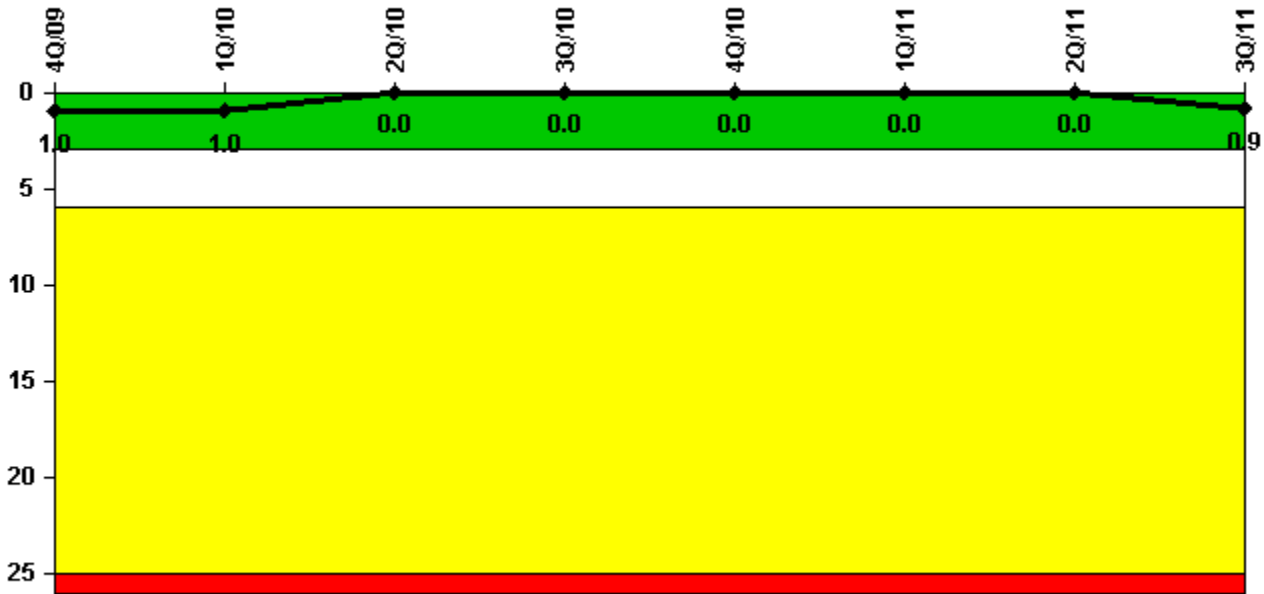


Prairie Island 1

3Q/2011 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



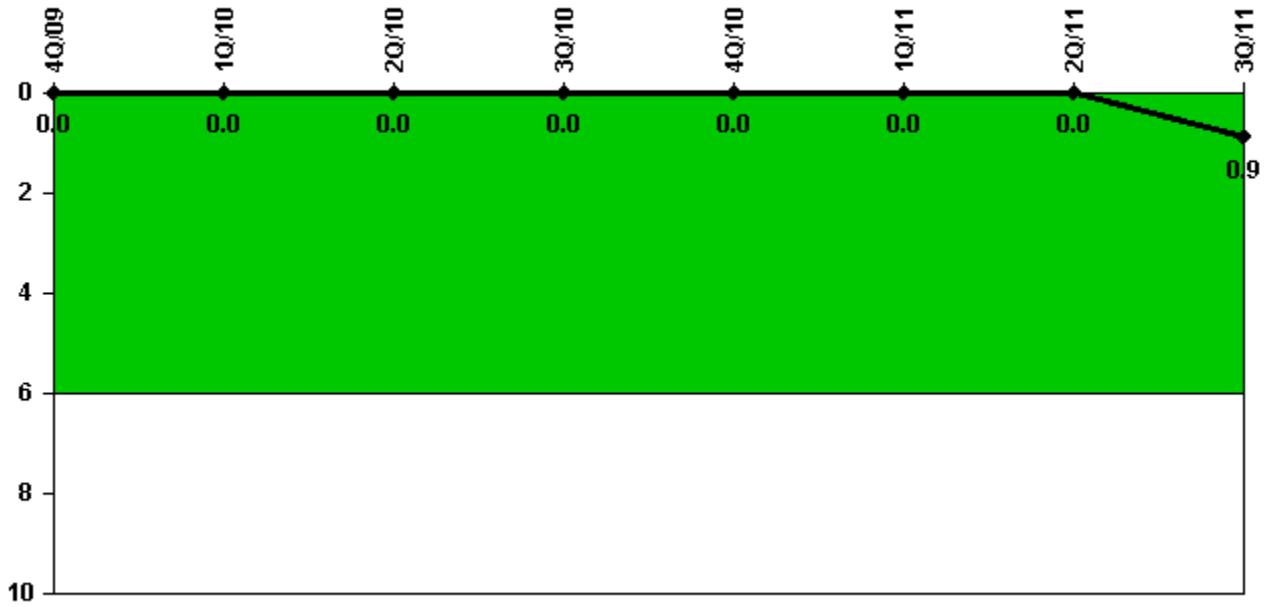
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Unplanned scrams	0	0	0	0	0	0	0	1.0
Critical hours	971.1	2159.0	2184.0	2208.0	2209.0	2159.0	1194.7	2183.9
Indicator value	1.0	1.0	0	0	0	0	0	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Unplanned power changes	0	0	0	0	0	0	0	1.0
Critical hours	971.1	2159.0	2184.0	2208.0	2209.0	2159.0	1194.7	2183.9
Indicator value	0	0	0	0	0	0	0	0.9

Licensee Comments: none

Unplanned Scrams with Complications



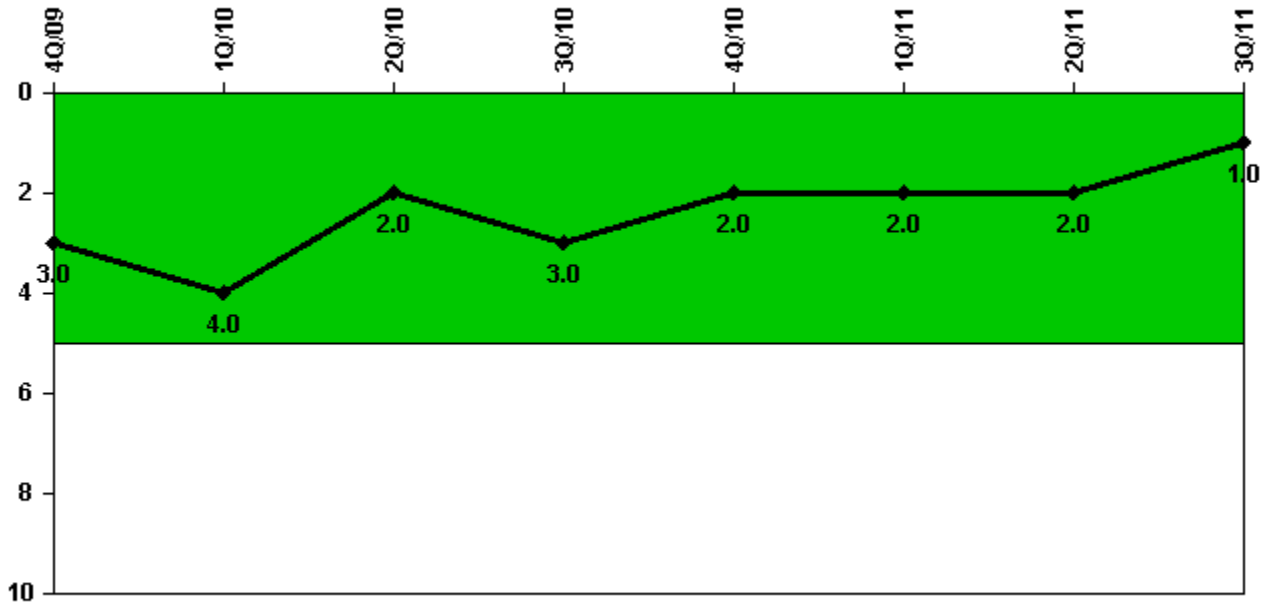
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/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)



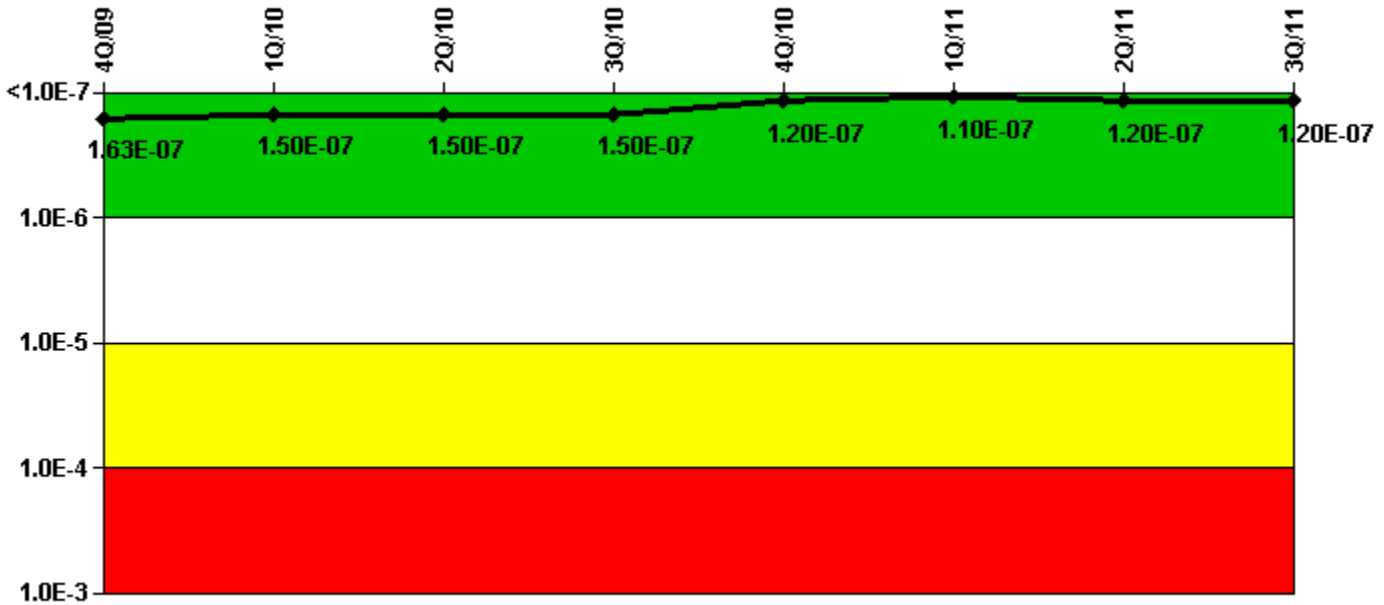
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



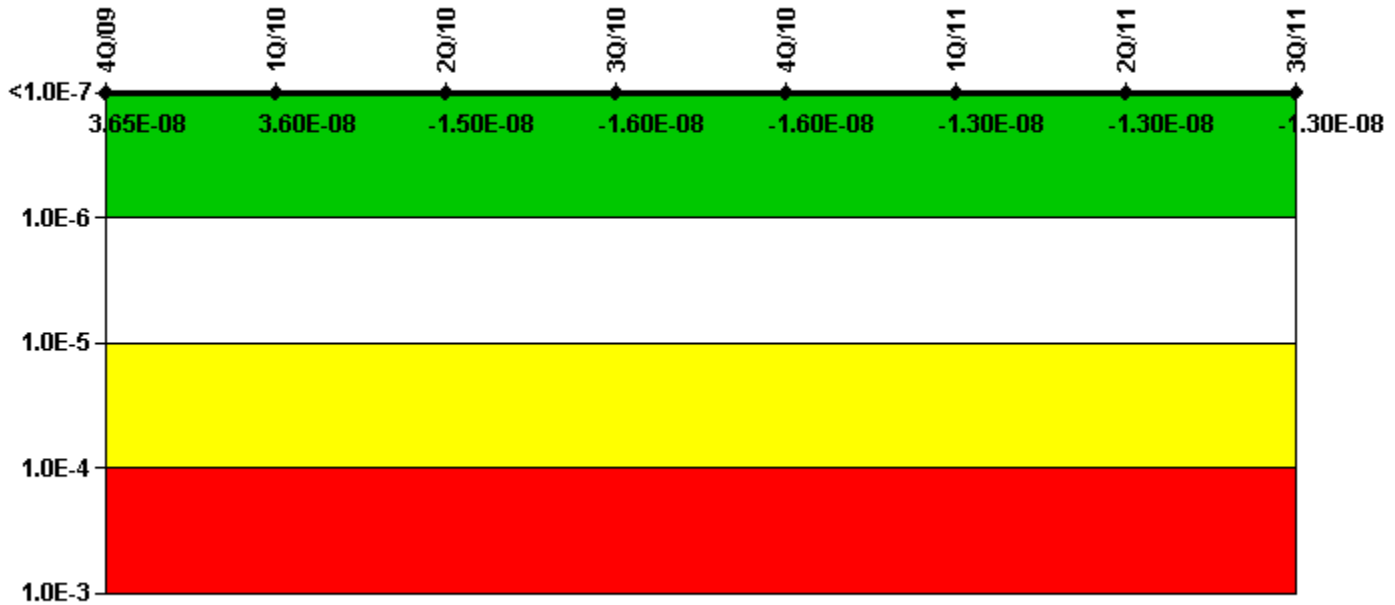
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (Δ CDF)	1.10E-07	9.94E-08	9.81E-08	9.43E-08	6.56E-08	5.54E-08	6.75E-08	6.90E-08
URI (Δ CDF)	5.30E-08	5.30E-08	5.30E-08	5.30E-08	5.30E-08	5.30E-08	5.30E-08	5.30E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.63E-07	1.50E-07	1.50E-07	1.50E-07	1.20E-07	1.10E-07	1.20E-07	1.20E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



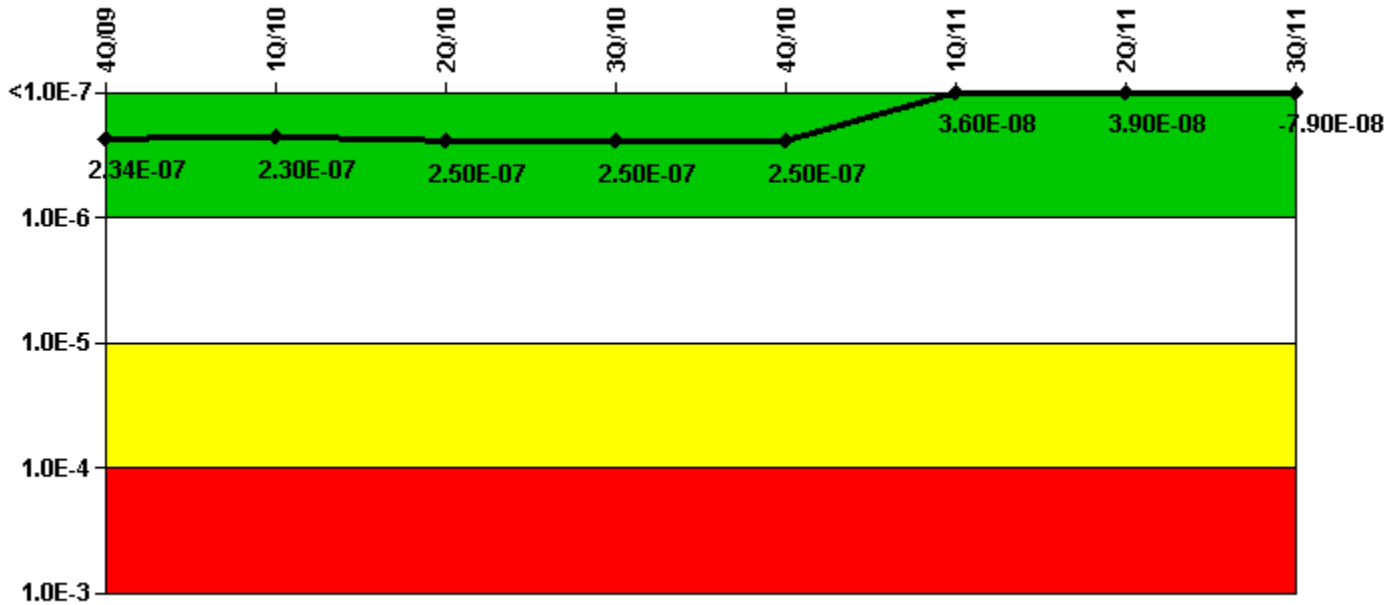
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (Δ CDF)	-2.50E-09	-2.48E-09	-4.11E-09	-4.82E-09	-4.83E-09	-2.50E-09	-2.17E-09	-2.17E-09
URI (Δ CDF)	3.90E-08	3.88E-08	-1.14E-08	-1.14E-08	-1.14E-08	-1.07E-08	-1.12E-08	-1.12E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.65E-08	3.60E-08	-1.50E-08	-1.60E-08	-1.60E-08	-1.30E-08	-1.30E-08	-1.30E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



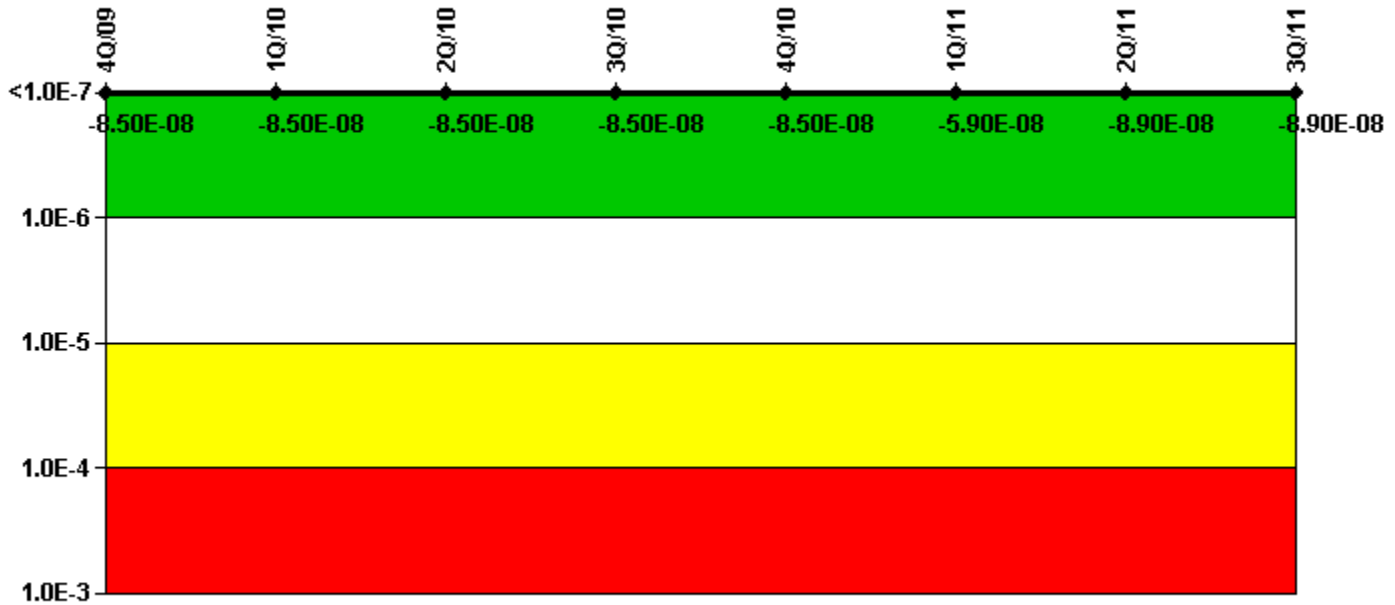
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (Δ CDF)	-6.50E-09	-2.17E-09	1.59E-08	1.61E-08	1.64E-08	5.11E-09	1.05E-08	-1.47E-09
URI (Δ CDF)	2.40E-07	2.35E-07	2.37E-07	2.37E-07	2.37E-07	3.13E-08	2.90E-08	-7.77E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.34E-07	2.30E-07	2.50E-07	2.50E-07	2.50E-07	3.60E-08	3.90E-08	-7.90E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



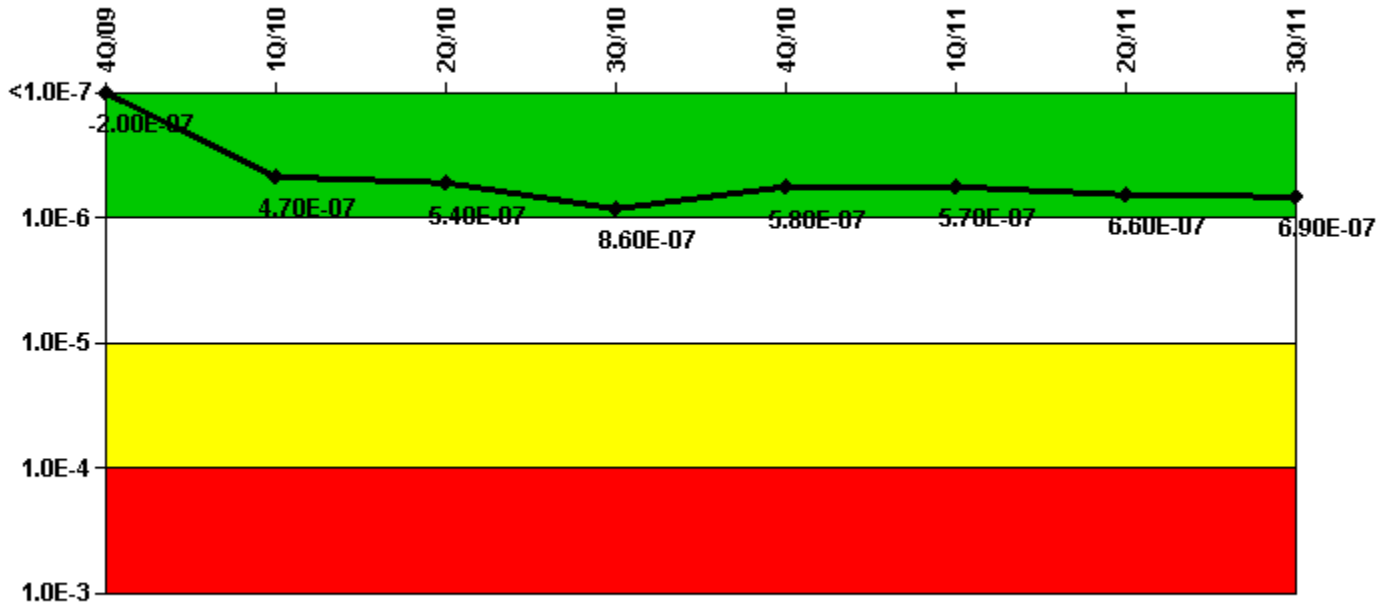
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (Δ CDF)	4.50E-08	4.54E-08	4.51E-08	4.51E-08	4.49E-08	4.26E-08	4.52E-08	4.51E-08
URI (Δ CDF)	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.01E-07	-1.34E-07	-1.34E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-8.50E-08	-8.50E-08	-8.50E-08	-8.50E-08	-8.50E-08	-5.90E-08	-8.90E-08	-8.90E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



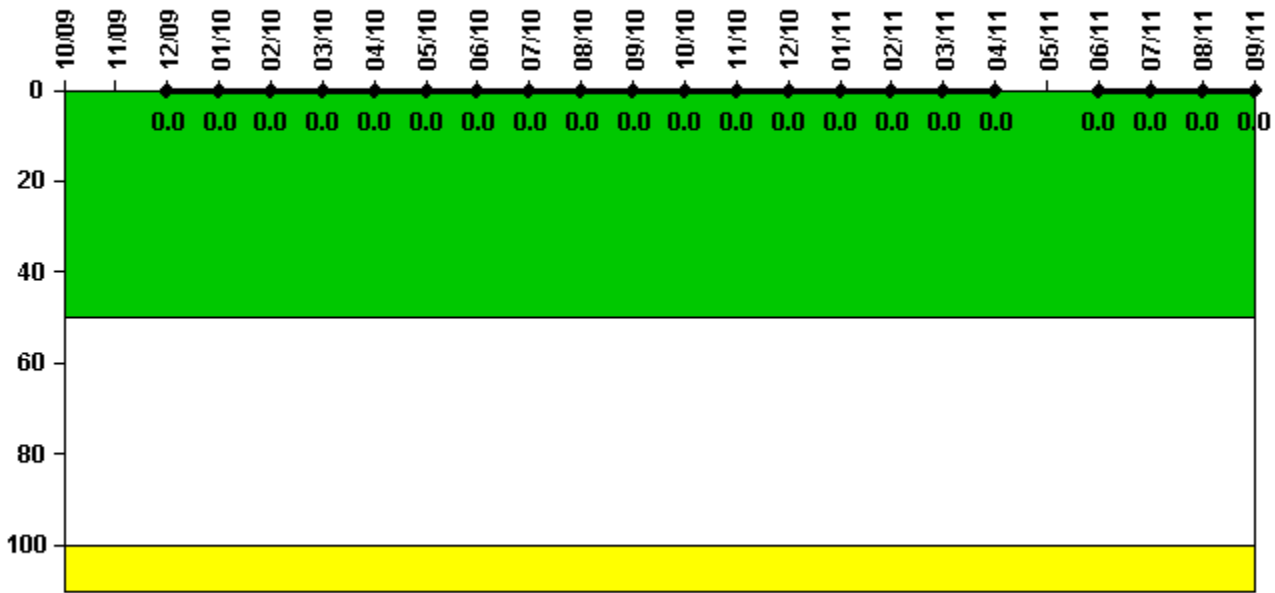
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (Δ CDF)	$3.20E-07$	$9.85E-07$	$1.05E-06$	$1.35E-06$	$1.06E-06$	$1.05E-06$	$1.14E-06$	$1.17E-06$
URI (Δ CDF)	$-5.20E-07$	$-5.18E-07$	$-5.11E-07$	$-4.86E-07$	$-4.83E-07$	$-4.76E-07$	$-4.83E-07$	$-4.83E-07$
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	$-2.00E-07$	$4.70E-07$	$5.40E-07$	$8.60E-07$	$5.80E-07$	$5.70E-07$	$6.60E-07$	$6.90E-07$

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

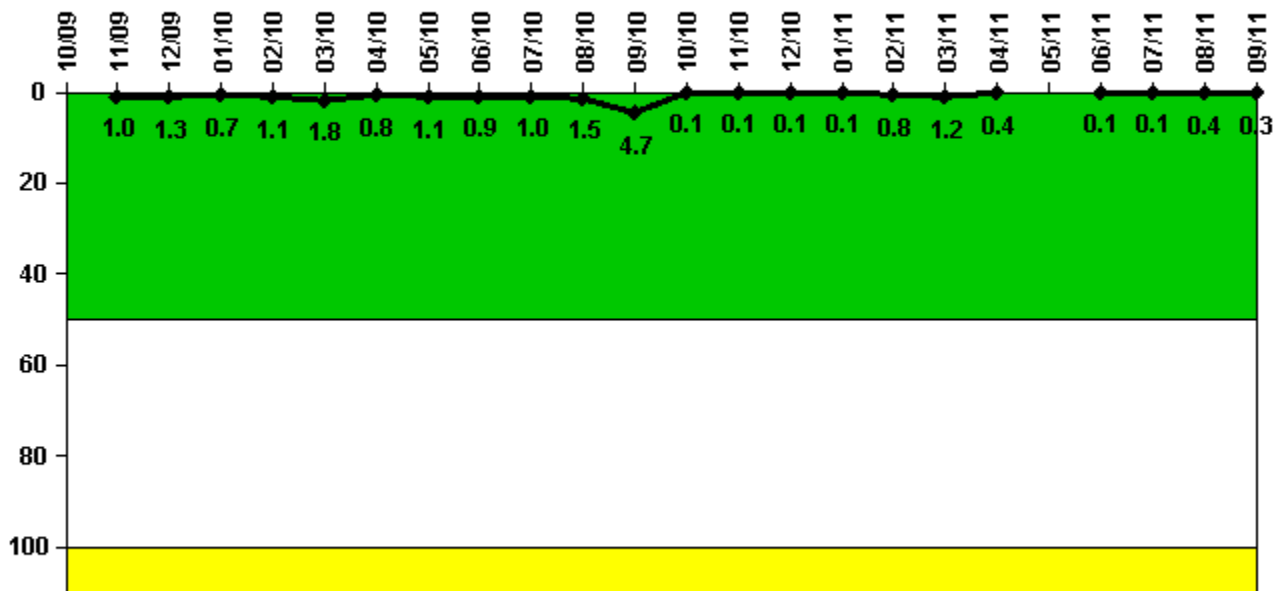
Notes

Reactor Coolant System Activity	10/09	11/09	12/09	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10
Maximum activity	N/A	N/A	0.000095	0.000120	0.000130	0.000112	0.000099	0.000112	0.000110	0.000118	0.000132	0.000120
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	N/A	N/A	0	0	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	10/10	11/10	12/10	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11
Maximum activity	0.000134	0.000133	0.000130	0.000138	0.000142	0.000139	0.000144	N/A	0.000086	0.000178	0.000095	0.000100
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0	0	0	0	0	0	0	N/A	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



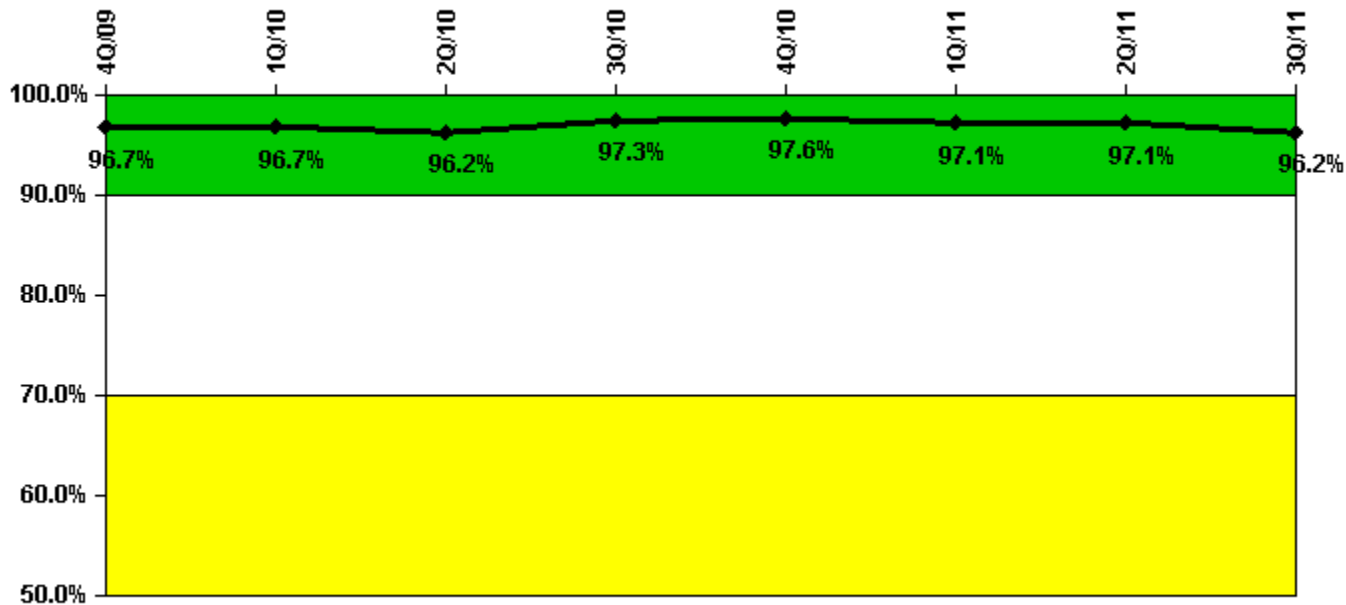
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/09	11/09	12/09	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10
Maximum leakage	N/A	0.103	0.129	0.074	0.106	0.179	0.084	0.111	0.092	0.096	0.145	0.470
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	N/A	1.0	1.3	0.7	1.1	1.8	0.8	1.1	0.9	1.0	1.5	4.7
Reactor Coolant System Leakage	10/10	11/10	12/10	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11
Maximum leakage	0.009	0.008	0.011	0.011	0.083	0.124	0.040	N/A	0.010	0.007	0.037	0.025
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	0.1	0.1	0.1	0.1	0.8	1.2	0.4	N/A	0.1	0.1	0.4	0.3

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

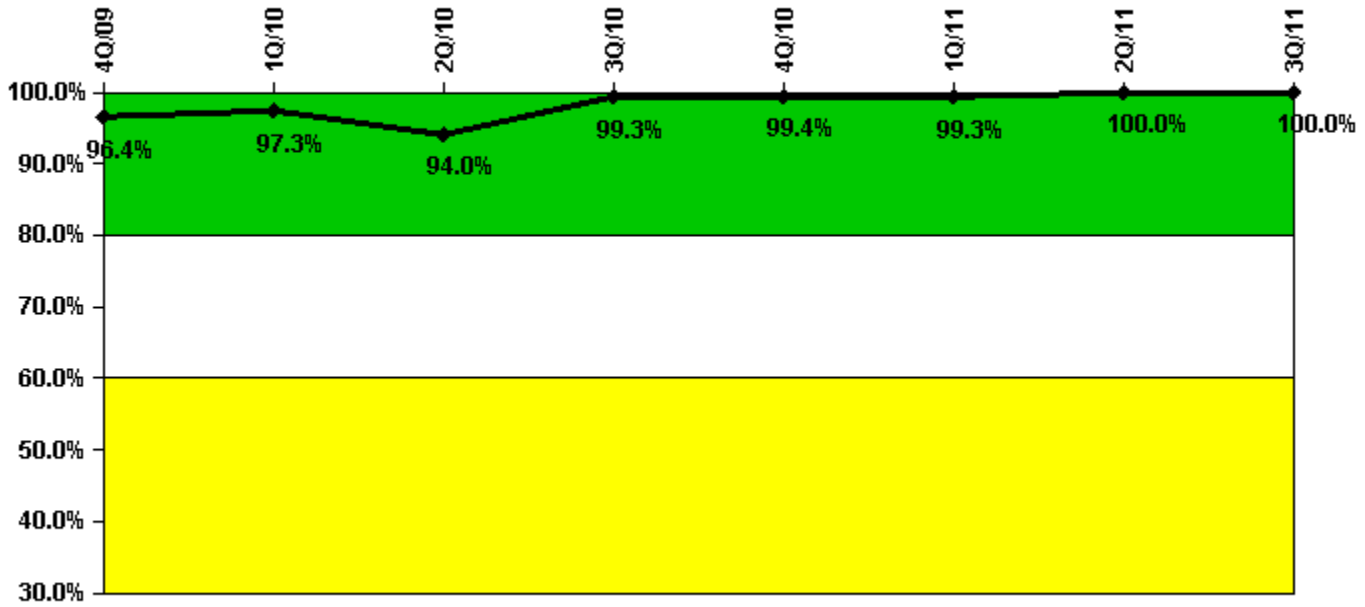
Notes

Drill/Exercise Performance	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Successful opportunities	20.0	48.0	30.0	60.0	22.0	40.0	6.0	29.0
Total opportunities	20.0	52.0	32.0	60.0	23.0	40.0	6.0	32.0
Indicator value	96.7%	96.7%	96.2%	97.3%	97.6%	97.1%	97.1%	96.2%

Licensee Comments:

4Q/10: Error was discovered in 4th quarter 2010 data. DEP credit was taken for a unanticipated notification.

ERO Drill Participation



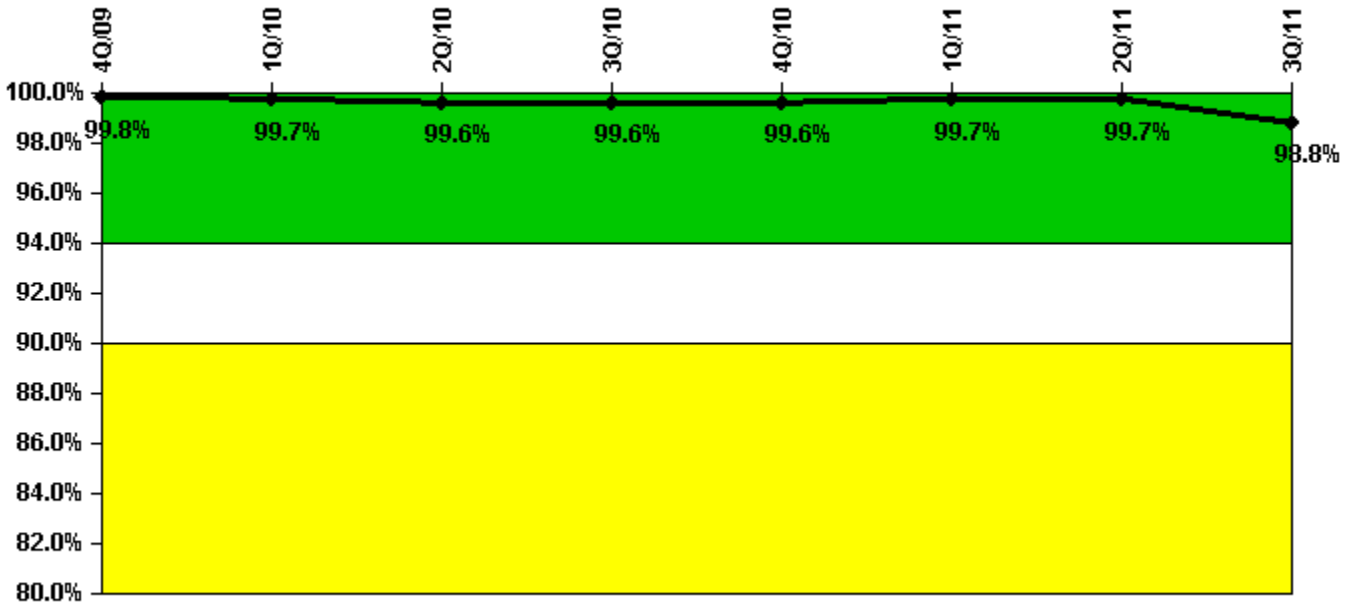
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Participating Key personnel	159.0	144.0	140.0	150.0	153.0	141.0	141.0	143.0
Total Key personnel	165.0	148.0	149.0	151.0	154.0	142.0	141.0	143.0
Indicator value	96.4%	97.3%	94.0%	99.3%	99.4%	99.3%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



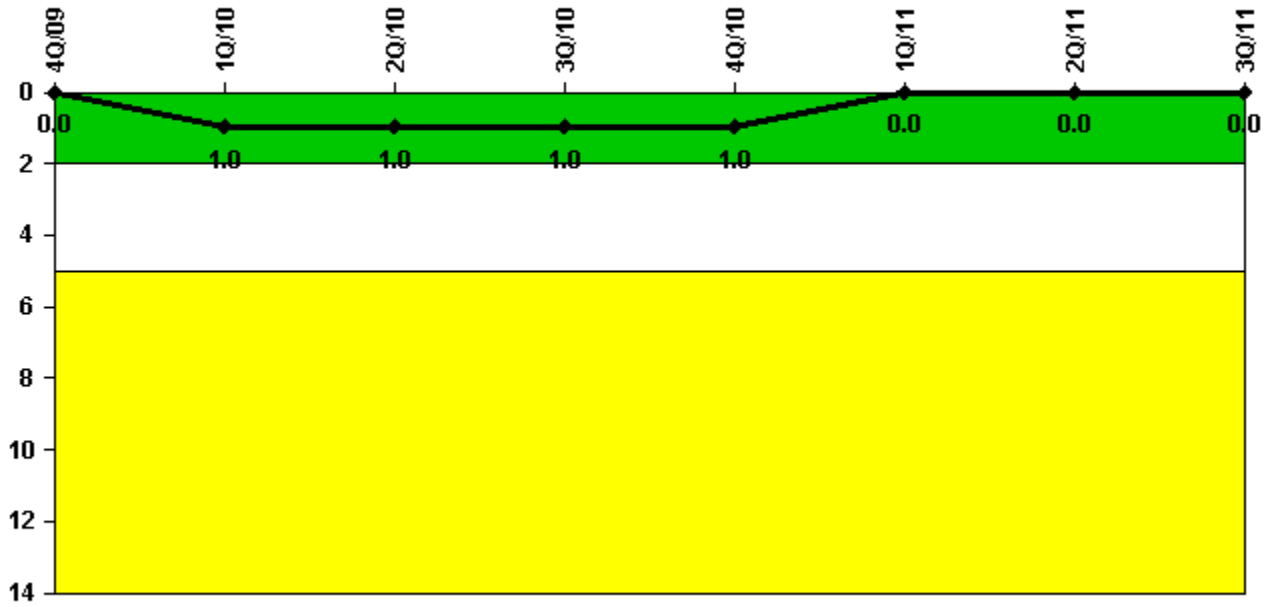
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Successful siren-tests	1517	1510	1515	1516	1517	1519	1512	1463
Total sirens-tests	1521	1521	1521	1521	1521	1521	1521	1521
Indicator value	99.8%	99.7%	99.6%	99.6%	99.6%	99.7%	99.7%	98.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



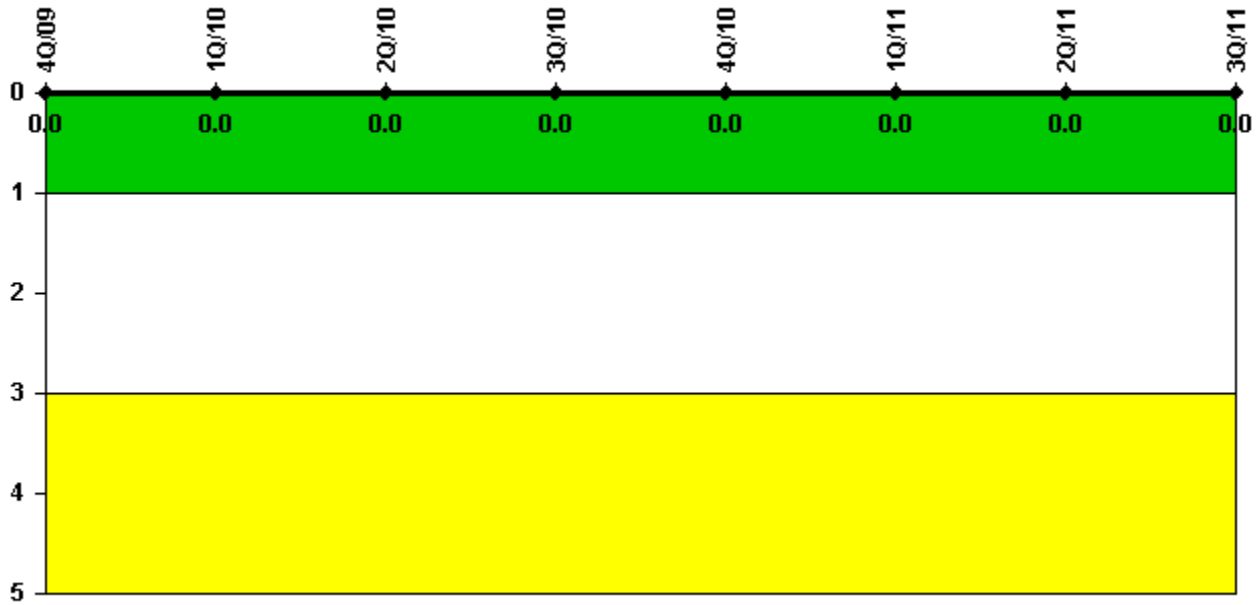
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	1	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	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/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.