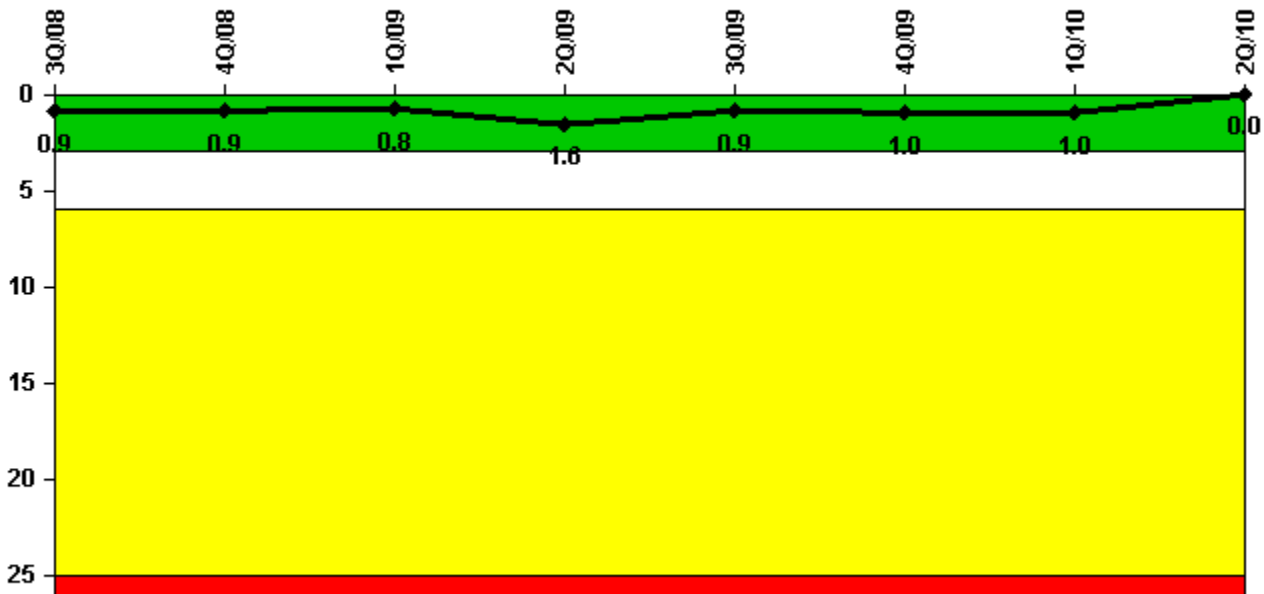


Prairie Island 1

2Q/2010 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



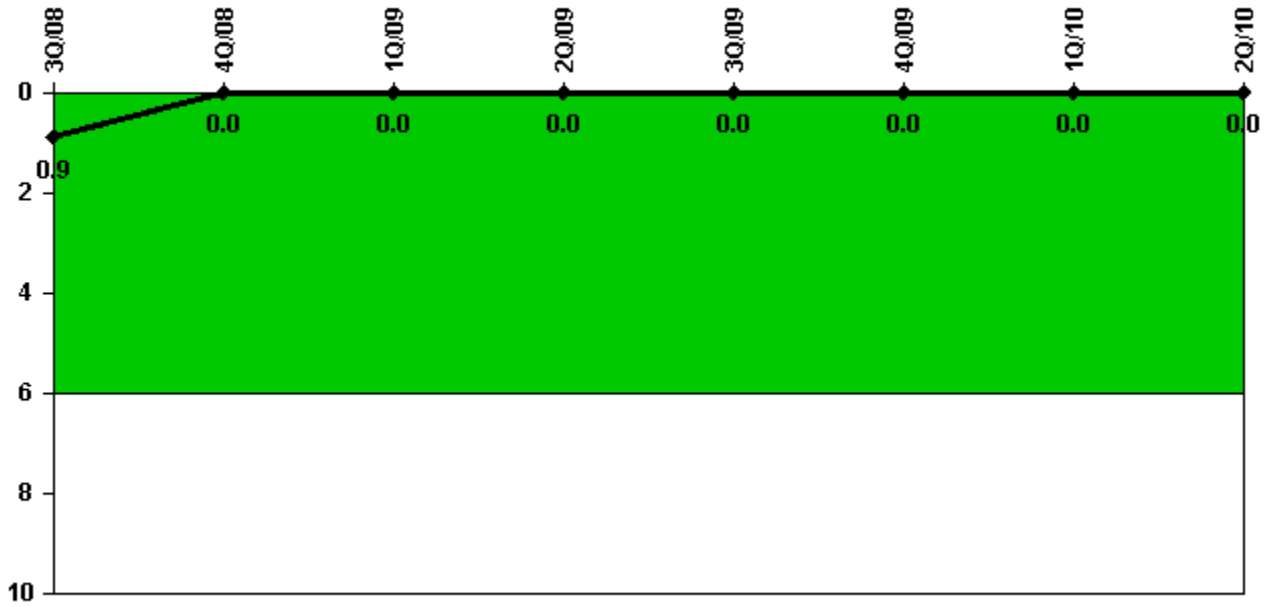
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	1.0	0	0	0	0
Critical hours	2150.7	2209.0	2159.0	2111.1	1751.7	971.1	2159.0	2184.0
Indicator value	0.9	0.9	0.8	1.6	0.9	1.0	1.0	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	0	0	0	0	0
Critical hours	2150.7	2209.0	2159.0	2111.1	1751.7	971.1	2159.0	2184.0
Indicator value	0.9	0	0	0	0	0	0	0

Licensee Comments:

2Q/09: U1-May 09 Reactor Trip (12 CWP) was incorrectly counted as a unplanned power change, not excluded per NEI 99-02. NEI 99-02 states scrams do not count as unplanned power changes.

Unplanned Scrams with Complications



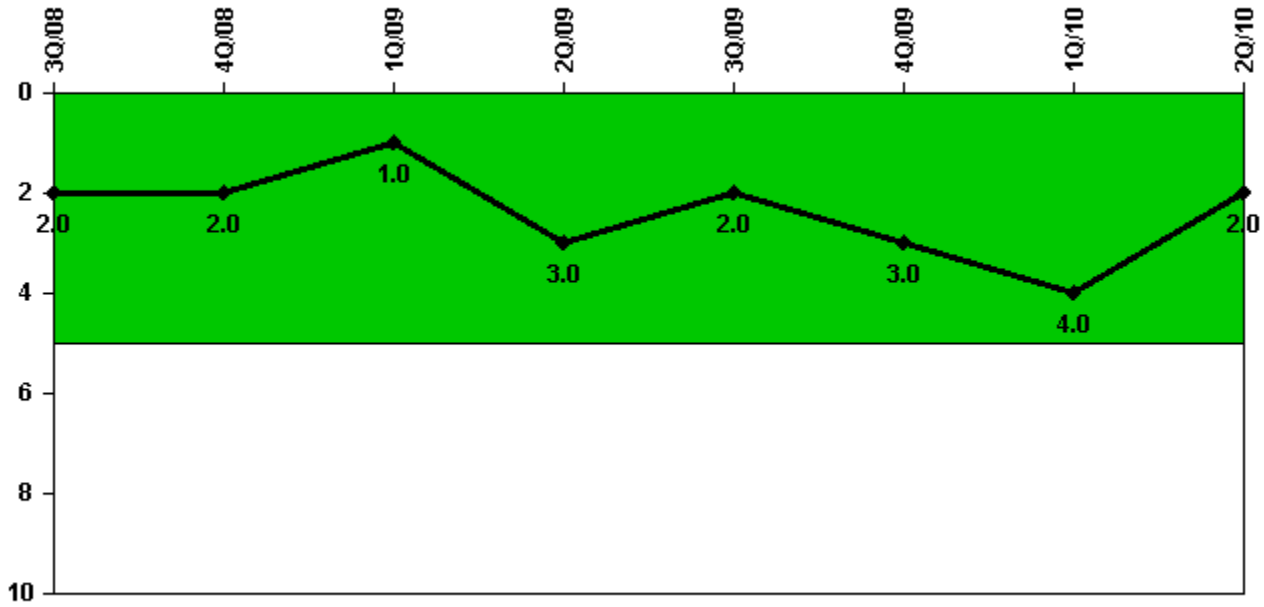
Thresholds: White > 1.0

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)



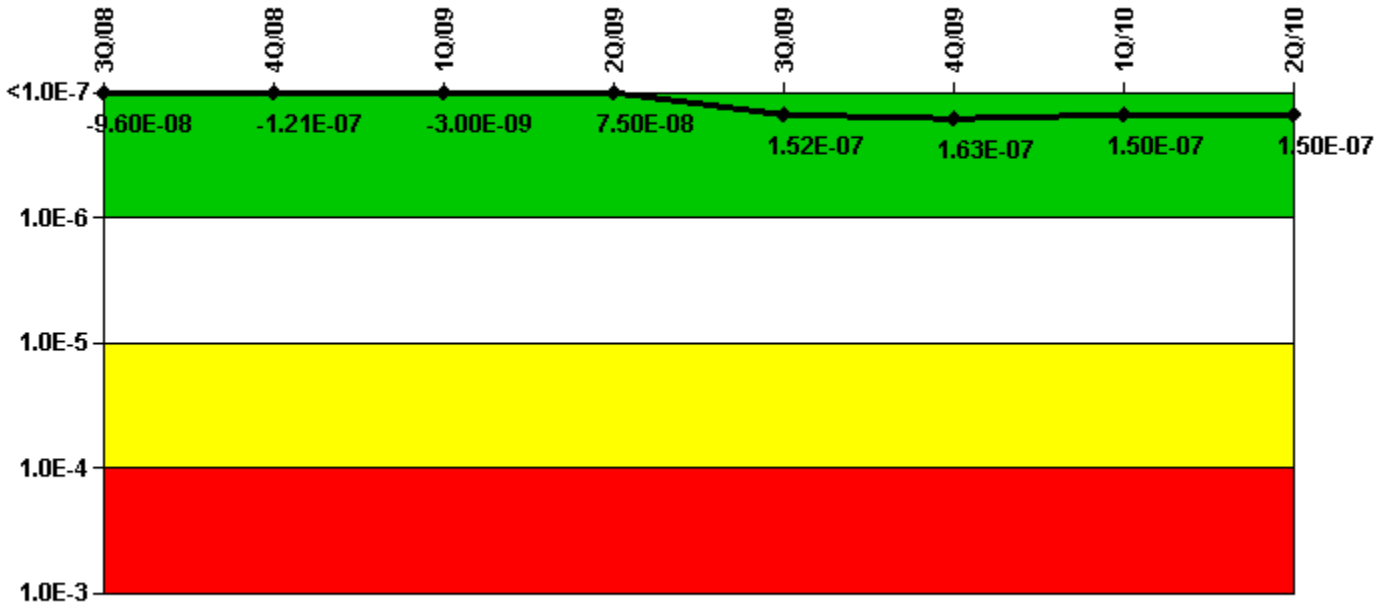
Thresholds: White > 5.0

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	1	0	0	2	0	1	1	0
Indicator value	2	2	1	3	2	3	4	2

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



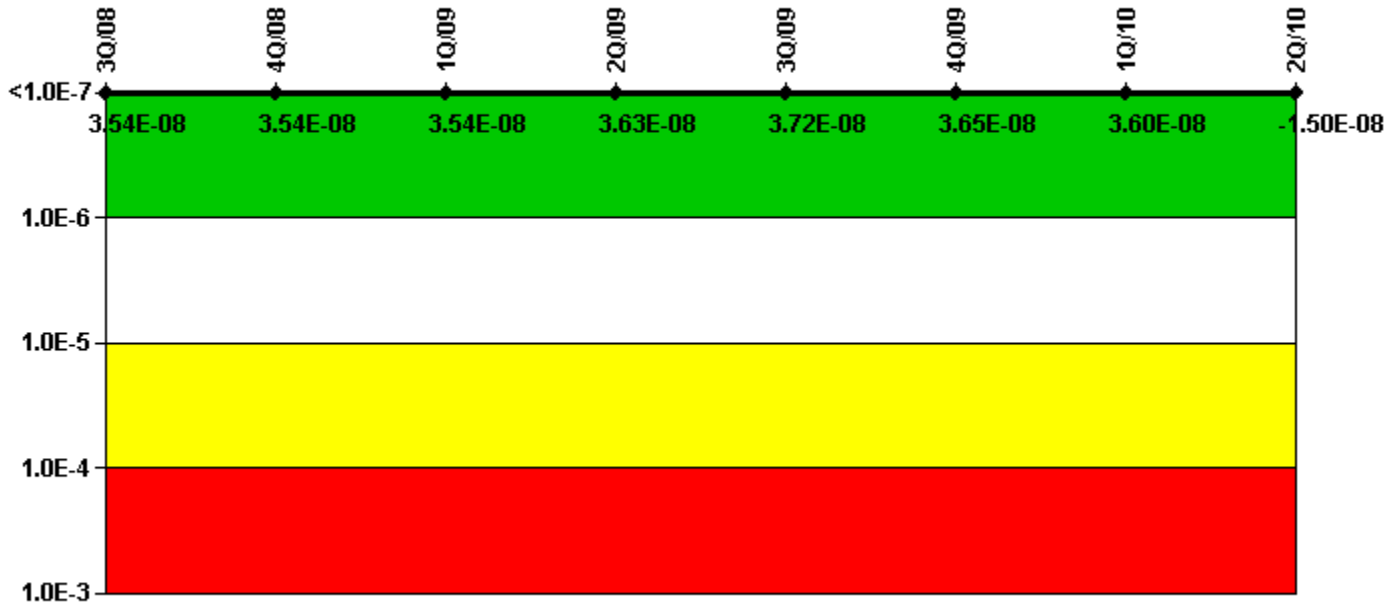
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (Δ CDF)	$3.40E-08$	$8.80E-09$	$6.80E-08$	$8.40E-08$	$9.90E-08$	$1.10E-07$	$9.94E-08$	$9.81E-08$
URI (Δ CDF)	$-1.30E-07$	$-1.30E-07$	$-7.10E-08$	$-9.00E-09$	$5.30E-08$	$5.30E-08$	$5.30E-08$	$5.30E-08$
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	$-9.60E-08$	$-1.21E-07$	$-3.00E-09$	$7.50E-08$	$1.52E-07$	$1.63E-07$	$1.50E-07$	$1.50E-07$

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



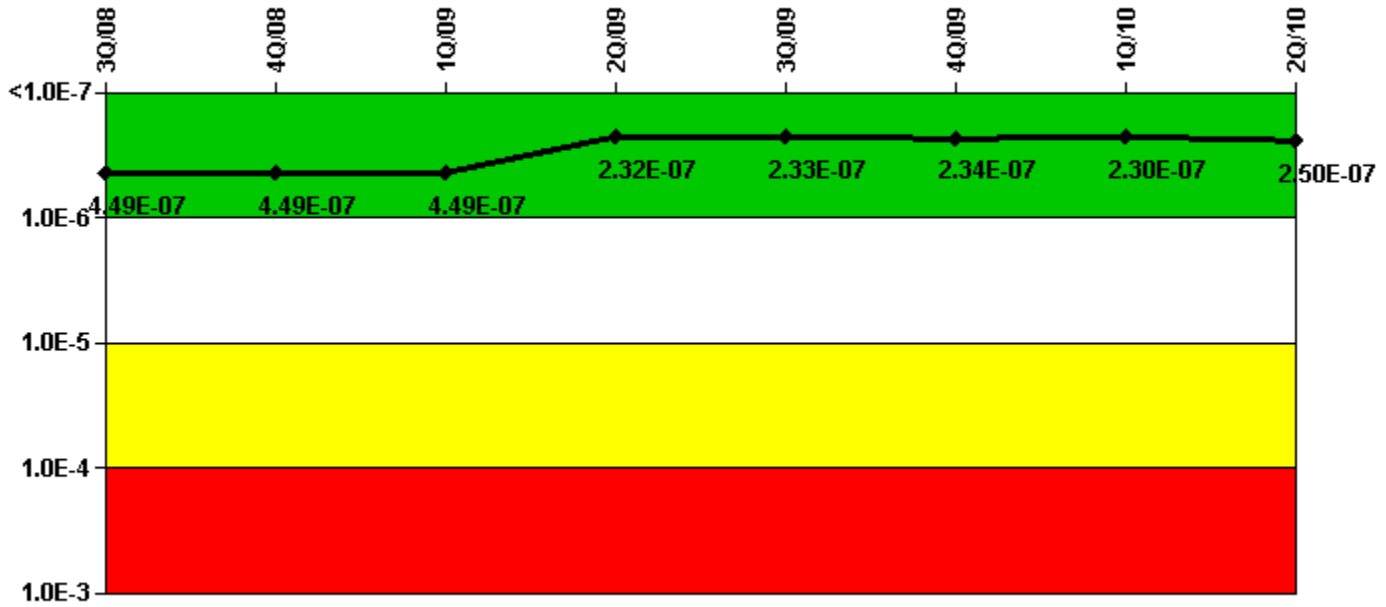
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (Δ CDF)	-3.60E-09	-3.60E-09	-3.60E-09	-3.70E-09	-2.80E-09	-2.50E-09	-2.48E-09	-4.11E-09
URI (Δ CDF)	3.90E-08	3.90E-08	3.90E-08	4.00E-08	4.00E-08	3.90E-08	3.88E-08	-1.14E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.54E-08	3.54E-08	3.54E-08	3.63E-08	3.72E-08	3.65E-08	3.60E-08	1.50E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



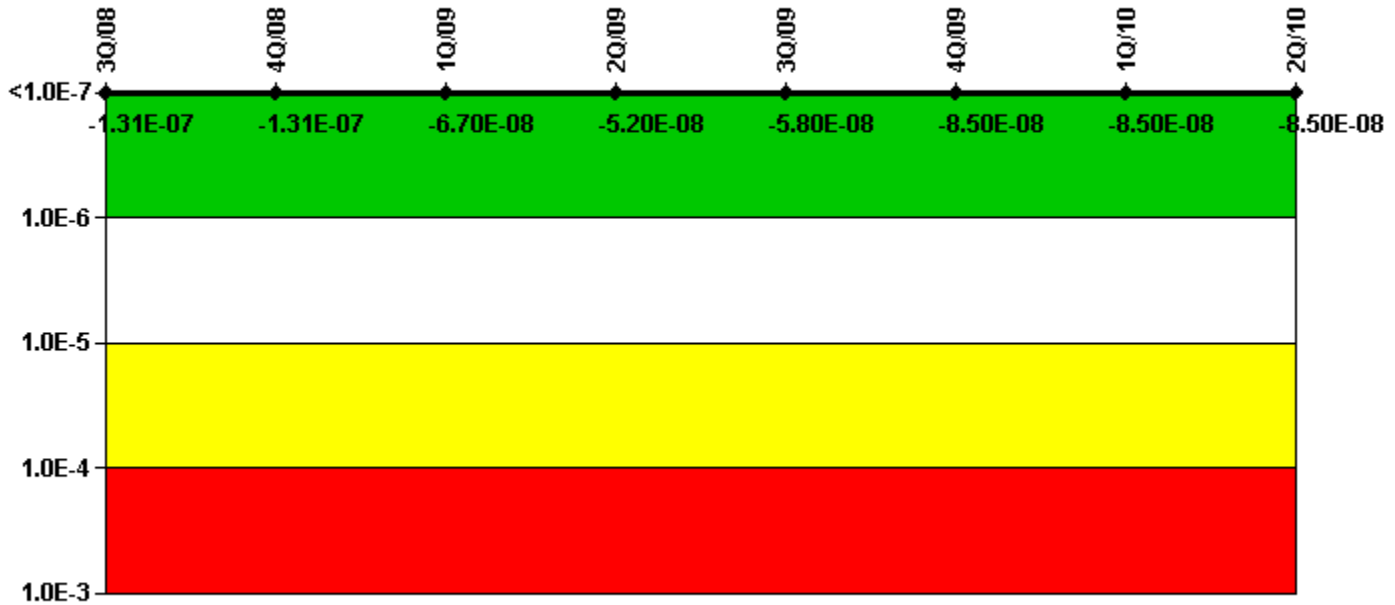
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (Δ CDF)	9.10E-09	9.10E-09	9.10E-09	-7.90E-09	-7.50E-09	-6.50E-09	-2.17E-09	1.59E-08
URI (Δ CDF)	4.40E-07	4.40E-07	4.40E-07	2.40E-07	2.40E-07	2.40E-07	2.35E-07	2.37E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.49E-07	4.49E-07	4.49E-07	2.32E-07	2.33E-07	2.34E-07	2.30E-07	2.50E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



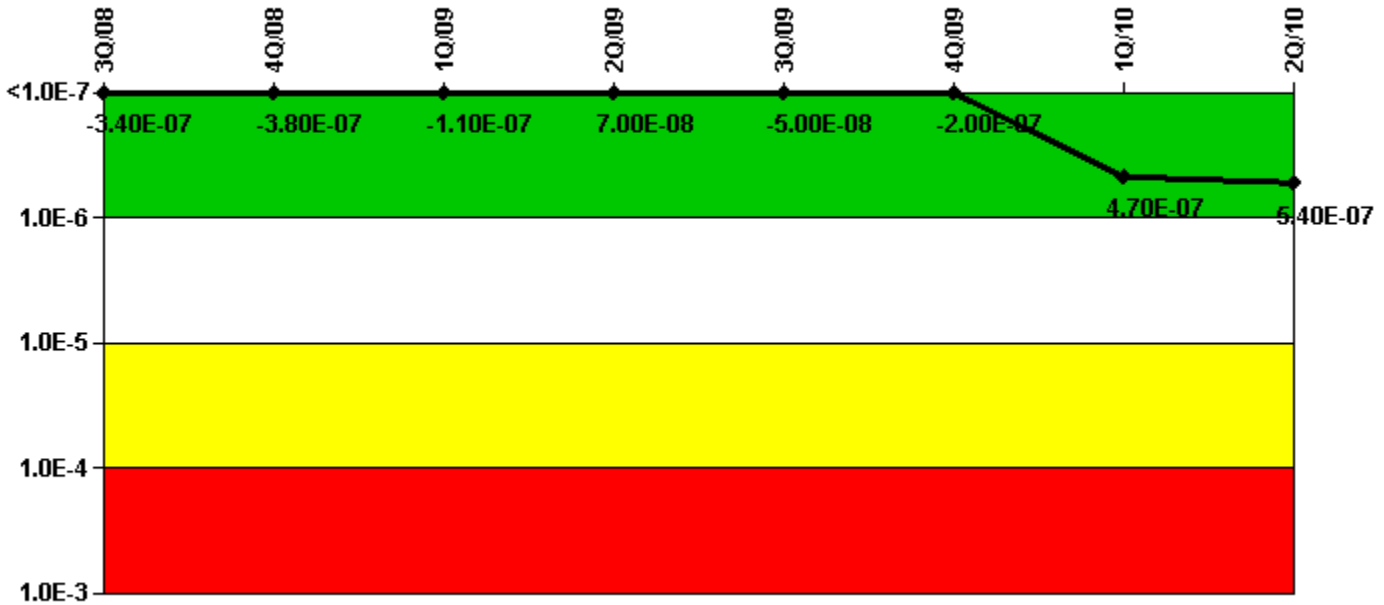
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	-2.10E-08	-2.10E-08	4.30E-08	4.10E-08	4.20E-08	4.50E-08	4.54E-08	4.51E-08
URI (Δ CDF)	-1.10E-07	-1.10E-07	-1.10E-07	-9.30E-08	-1.00E-07	-1.30E-07	-1.30E-07	-1.30E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.31E-07	-1.31E-07	-6.70E-08	-5.20E-08	-5.80E-08	-8.50E-08	-8.50E-08	-8.50E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



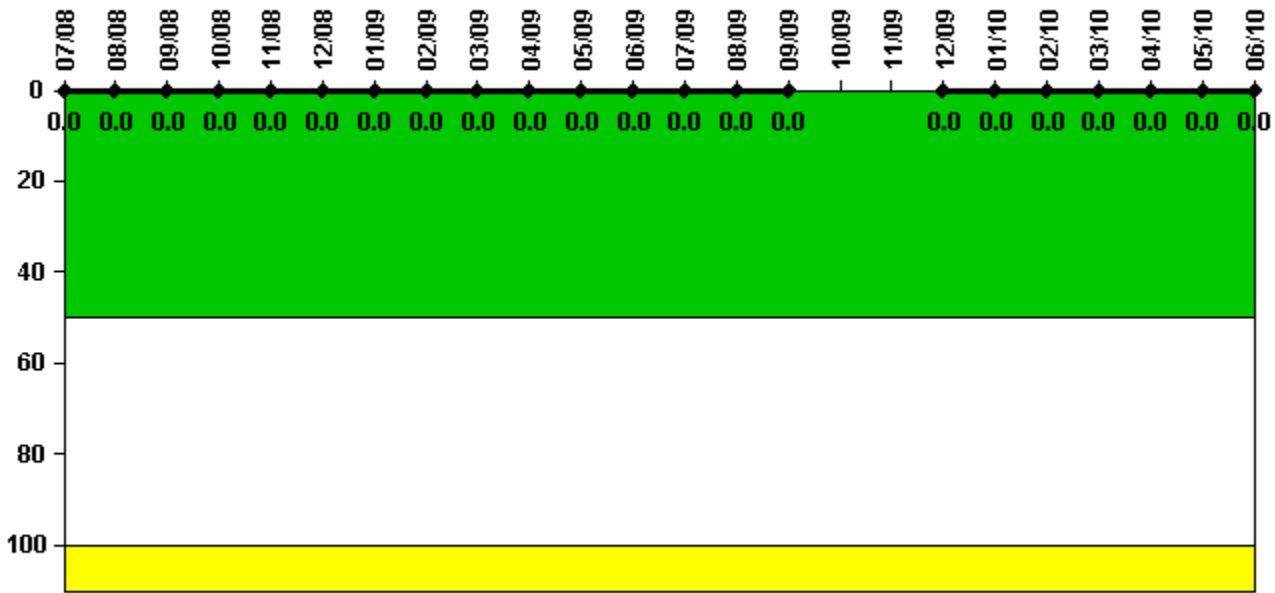
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (Δ CDF)	$1.60E-07$	$1.20E-07$	$3.90E-07$	$5.70E-07$	$4.60E-07$	$3.20E-07$	$9.85E-07$	$1.05E-06$
URI (Δ CDF)	$-5.00E-07$	$-5.00E-07$	$-5.00E-07$	$-5.00E-07$	$-5.10E-07$	$-5.20E-07$	$-5.18E-07$	$-5.11E-07$
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	$-3.40E-07$	$-3.80E-07$	$-1.10E-07$	$7.00E-08$	$-5.00E-08$	$-2.00E-07$	$4.70E-07$	$5.40E-07$

Licensee Comments: none

Reactor Coolant System Activity



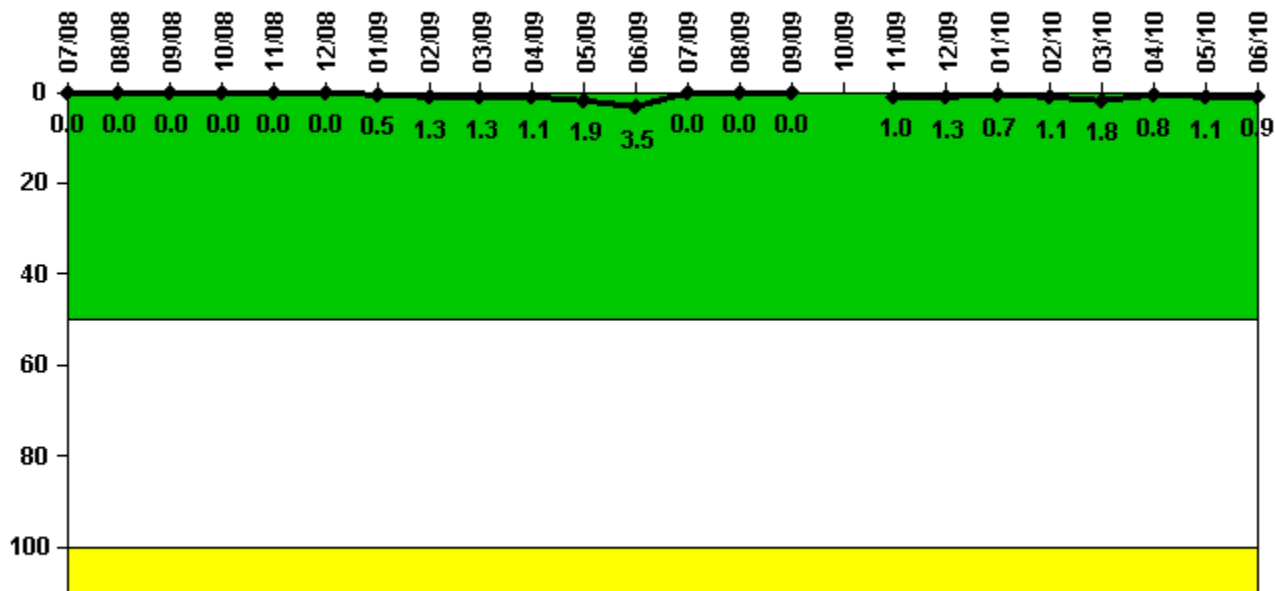
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09	4/09	5/09	6/09
Maximum activity	0.000190	0.000110	0.000120	0.000110	0.000120	0.000120	0.000130	0.000140	0.000130	0.000140	0.000130	0.000150
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	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	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 activity	0.000150	0.000150	0.000140	N/A	N/A	0.000095	0.000120	0.000130	0.000112	0.000099	0.000112	0.000110
Technical specification limit	1.0	1.0	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	N/A	N/A	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



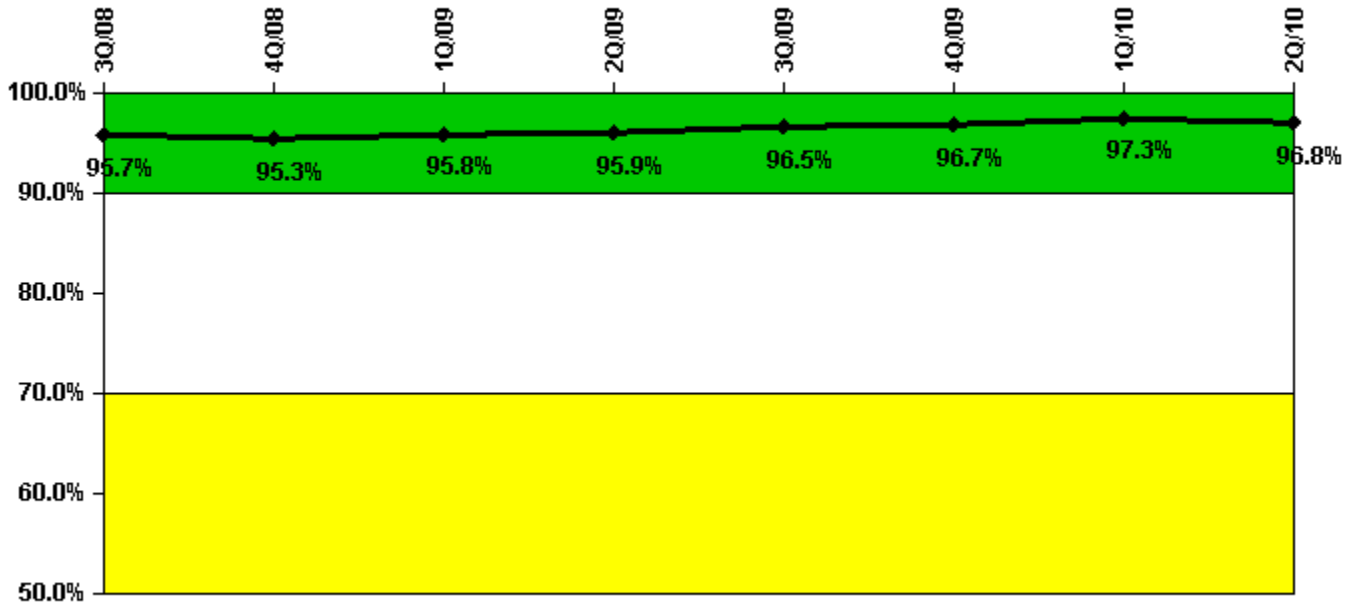
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09	4/09	5/09	6/09
Maximum leakage	0	0	0	0	0	0	0.053	0.132	0.132	0.108	0.187	0.350
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	0	0	0	0	0	0.5	1.3	1.3	1.1	1.9	3.5
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	0	0	N/A	0.103	0.129	0.074	0.106	0.179	0.084	0.111	0.092
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	0	0	N/A	1.0	1.3	0.7	1.1	1.8	0.8	1.1	0.9

Licensee Comments: none

Drill/Exercise Performance



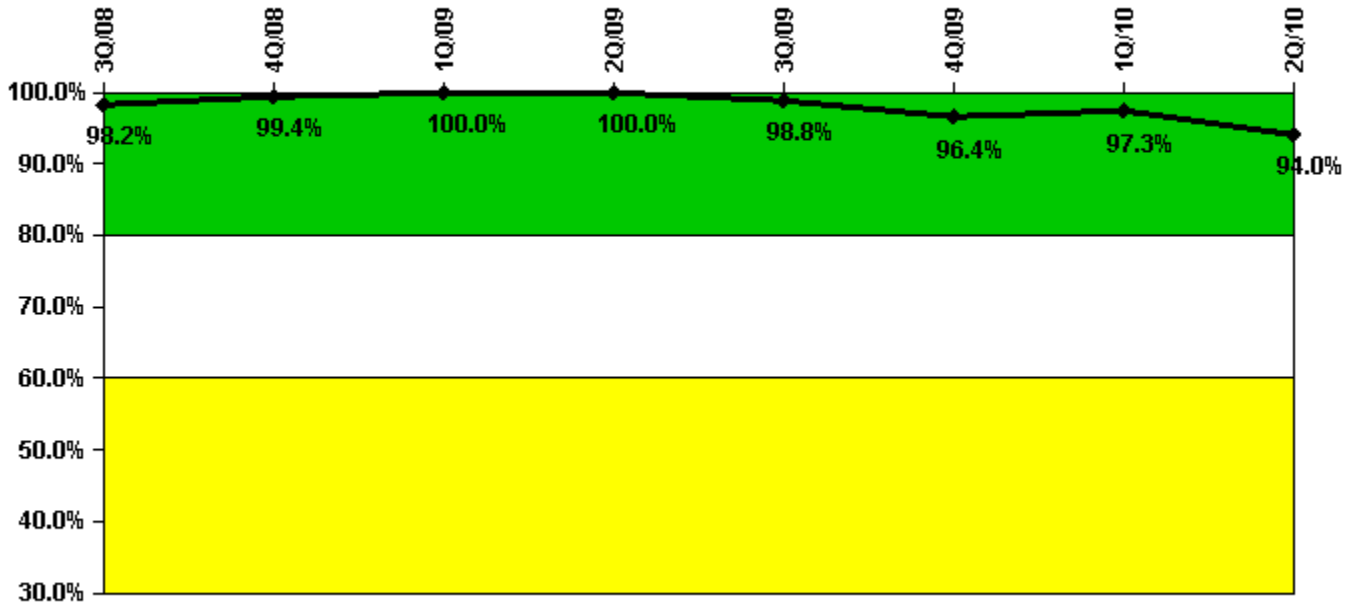
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Successful opportunities	41.0	16.0	99.0	43.0	9.0	20.0	48.0	30.0
Total opportunities	44.0	18.0	99.0	44.0	9.0	20.0	50.0	32.0
Indicator value	95.7%	95.3%	95.8%	95.9%	96.5%	96.7%	97.3%	96.8%

Licensee Comments: none

ERO Drill Participation



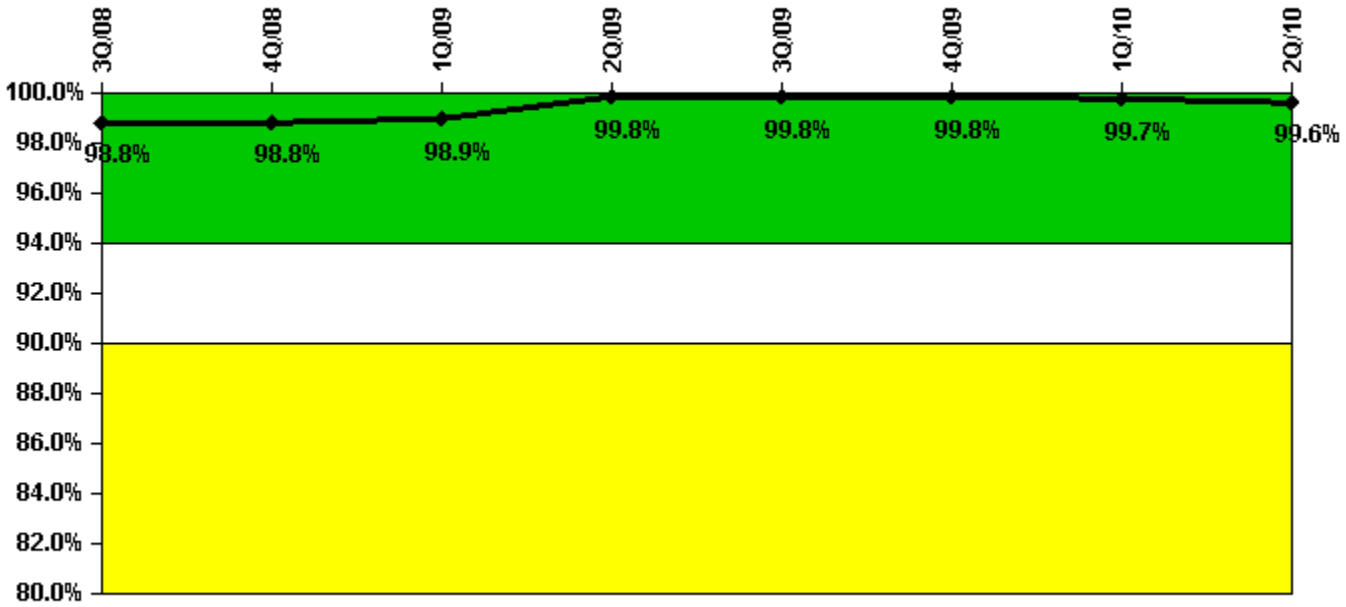
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Participating Key personnel	160.0	158.0	160.0	175.0	162.0	159.0	144.0	140.0
Total Key personnel	163.0	159.0	160.0	175.0	164.0	165.0	148.0	149.0
Indicator value	98.2%	99.4%	100.0%	100.0%	98.8%	96.4%	97.3%	94.0%

Licensee Comments: none

Alert & Notification System



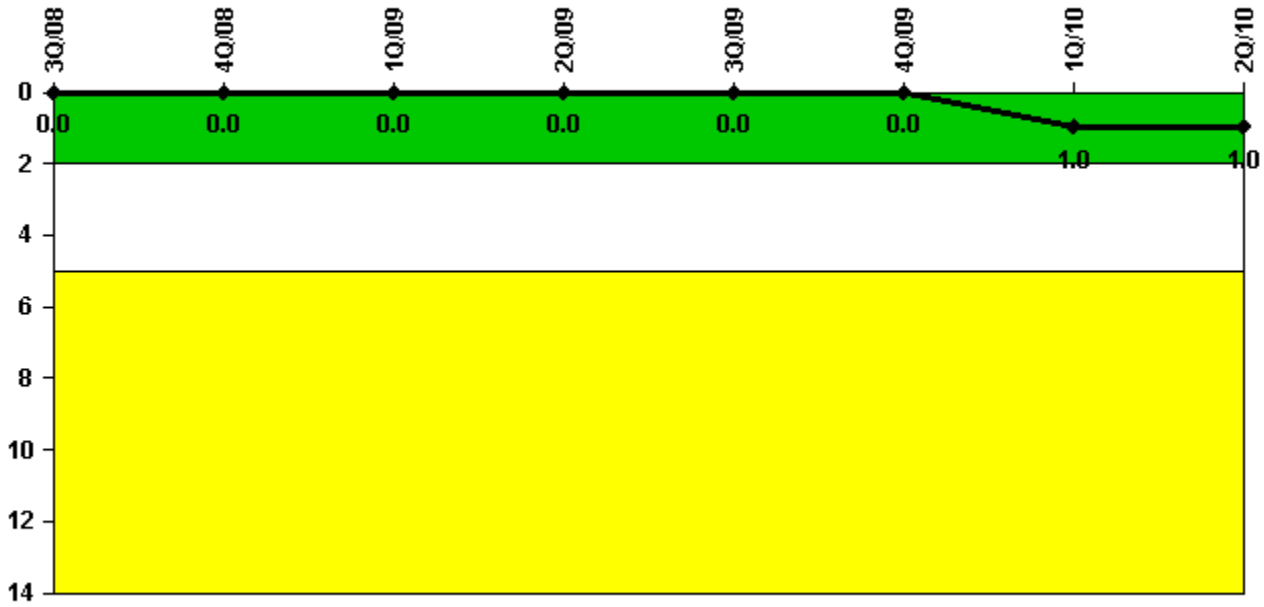
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Successful siren-tests	1515	1517	1401	1520	1636	1517	1510	1515
Total sirens-tests	1521	1521	1404	1521	1638	1521	1521	1521
Indicator value	98.8%	98.8%	98.9%	99.8%	99.8%	99.8%	99.7%	99.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness



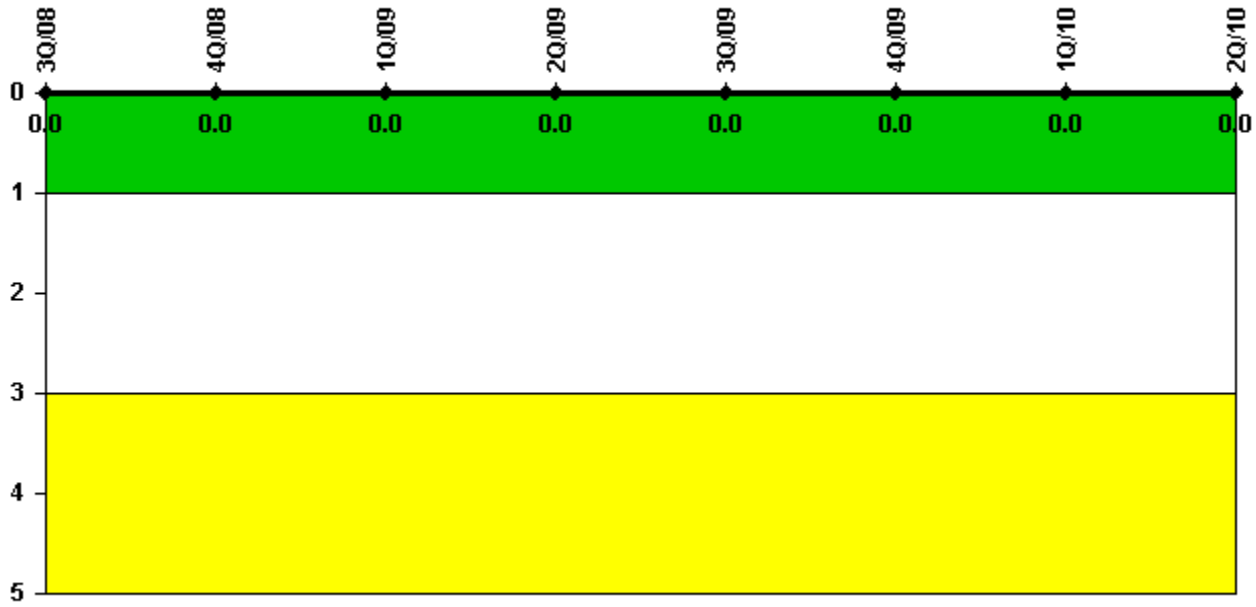
Thresholds: White > 2.0 Yellow > 5.0

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	1	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	1	1

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.