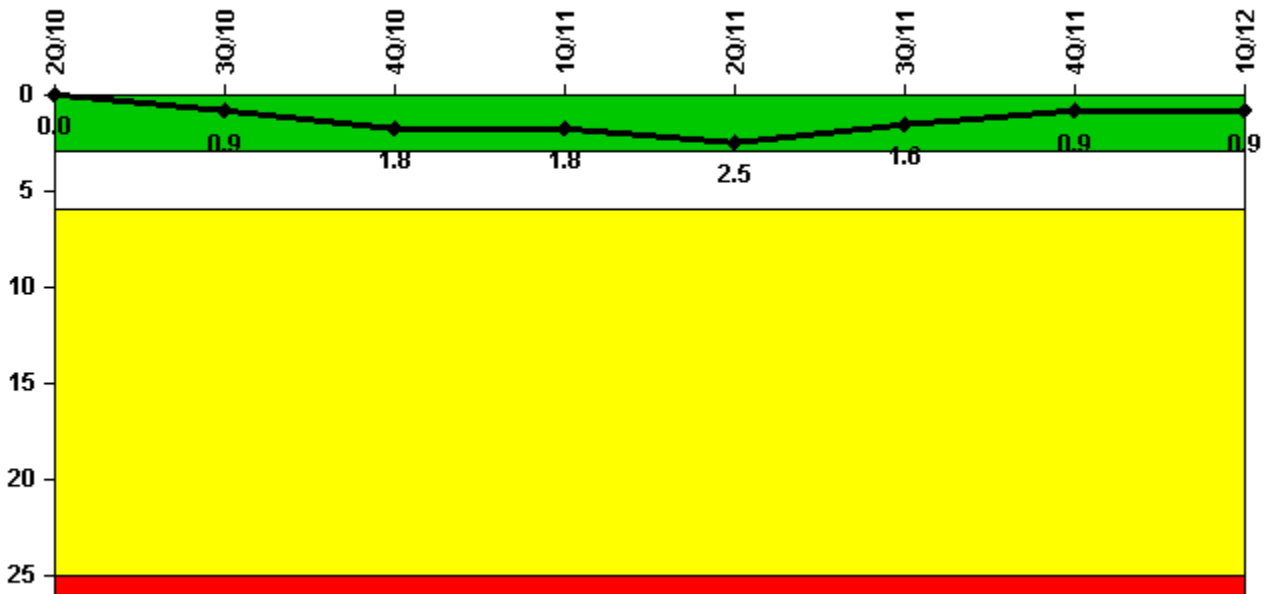


Salem 1

1Q/2012 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



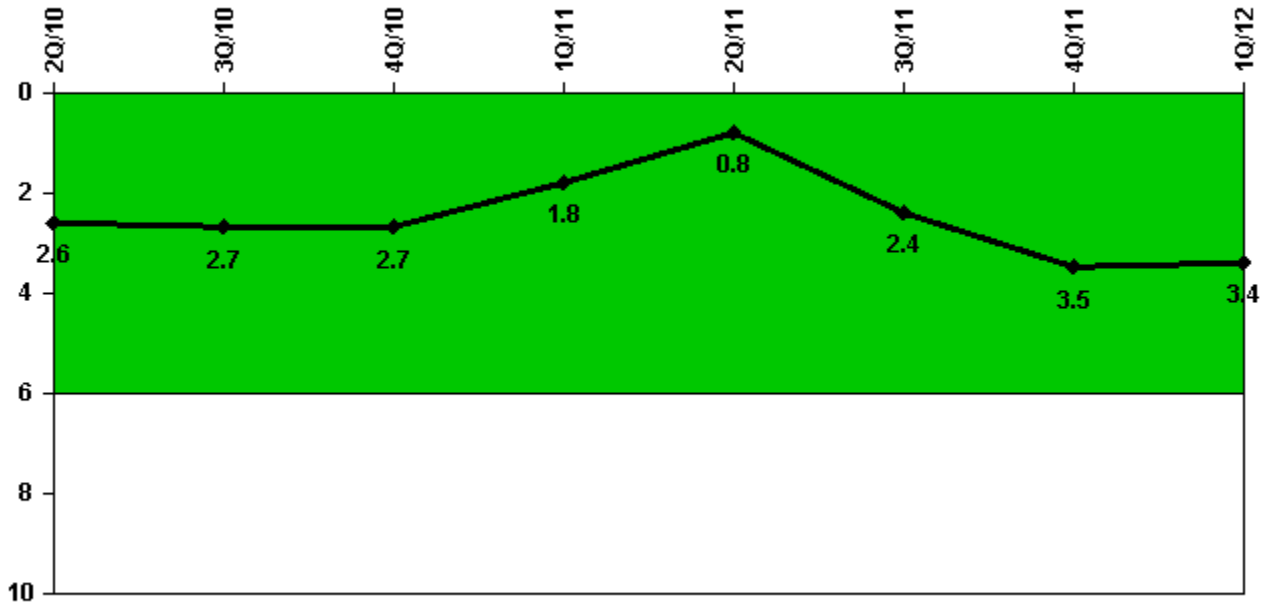
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Unplanned scrams	0	1.0	1.0	0	1.0	0	0	0
Critical hours	1603.3	1812.2	2183.8	2159.0	2162.5	2208.0	1581.8	2183.0
Indicator value	0	0.9	1.8	1.8	2.5	1.6	0.9	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Unplanned power changes	2.0	0	0	0	1.0	2.0	1.0	0
Critical hours	1603.3	1812.2	2183.8	2159.0	2162.5	2208.0	1581.8	2183.0
Indicator value	2.6	2.7	2.7	1.8	0.8	2.4	3.5	3.4

Licensee Comments: none

Unplanned Scrams with Complications



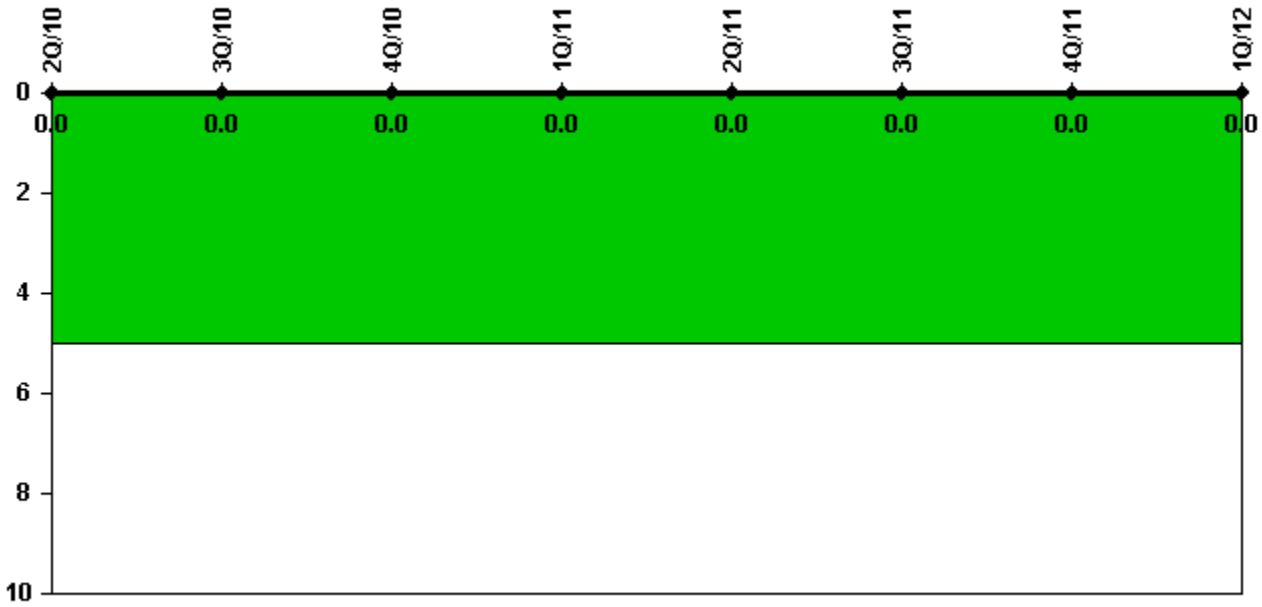
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
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)



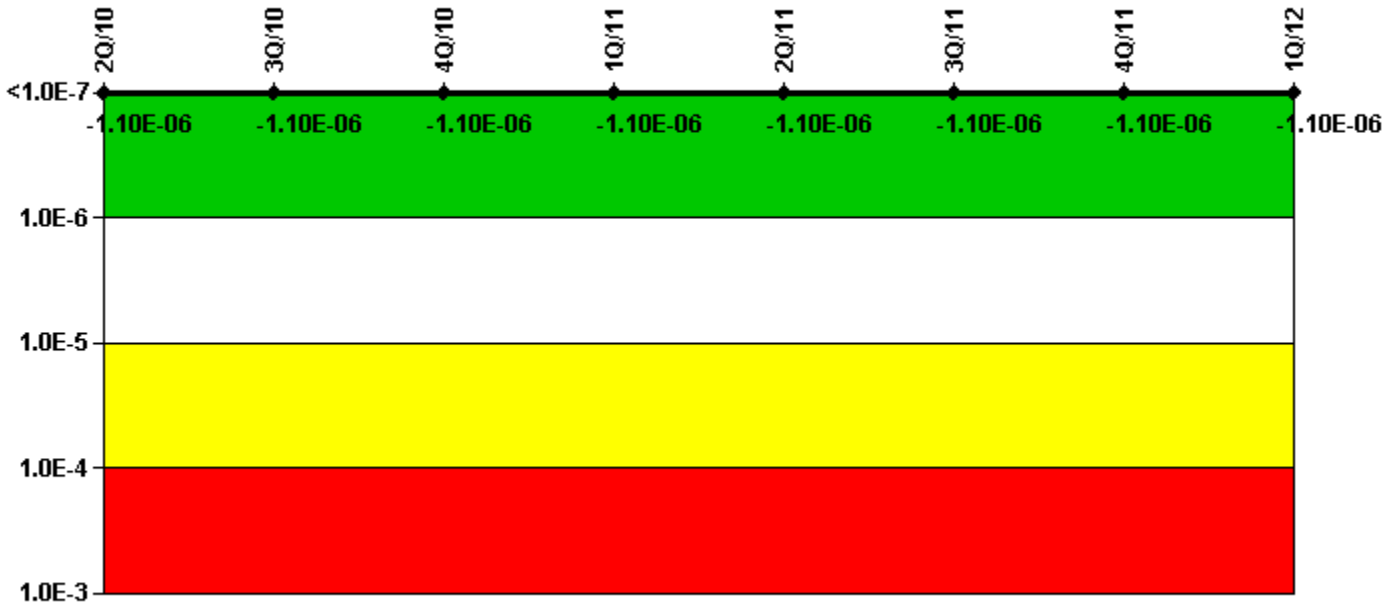
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

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	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (ΔCDF)	-1.16E-07	-1.15E-07	-1.41E-07	-1.41E-07	-1.41E-07	-1.41E-07	-1.41E-07	-1.41E-07
URI (ΔCDF)	-9.90E-07	-9.94E-07	-9.21E-07	-9.47E-07	-9.45E-07	-9.88E-07	-9.61E-07	-9.42E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.10E-06	-1.10E-06	-1.10E-06	-1.10E-06	-1.10E-06	-1.10E-06	-1.10E-06	-1.10E-06

Licensee Comments:

1Q/12: Risk Cap Invoked. MSPI Basis document revised to include fuel oil transfer pumps as part of the EDG supercomponent. In addition, the first hour of run time is excluded from the total submitted run hours.

4Q/11: Risk Cap Invoked.

3Q/11: Risk Cap Invoked.

2Q/11: Risk Cap Invoked.

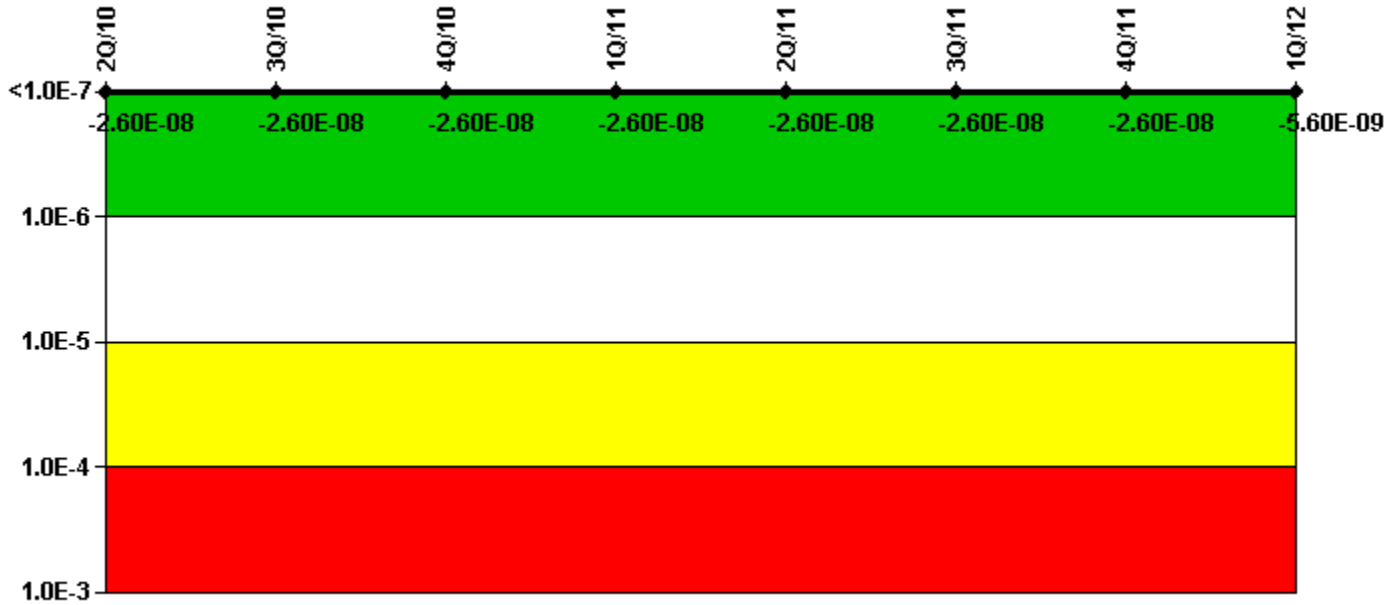
1Q/11: Risk Cap Invoked.

4Q/10: Risk Cap Invoked. MSPI value changed in December due to the rolling off of a start failure from 12/2007. It also changed in October due to a start failure on 1C D/G.

3Q/10: Risk Cap Invoked.

2Q/10: Risk Cap Invoked.

Mitigating Systems Performance Index, High Pressure Injection System



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

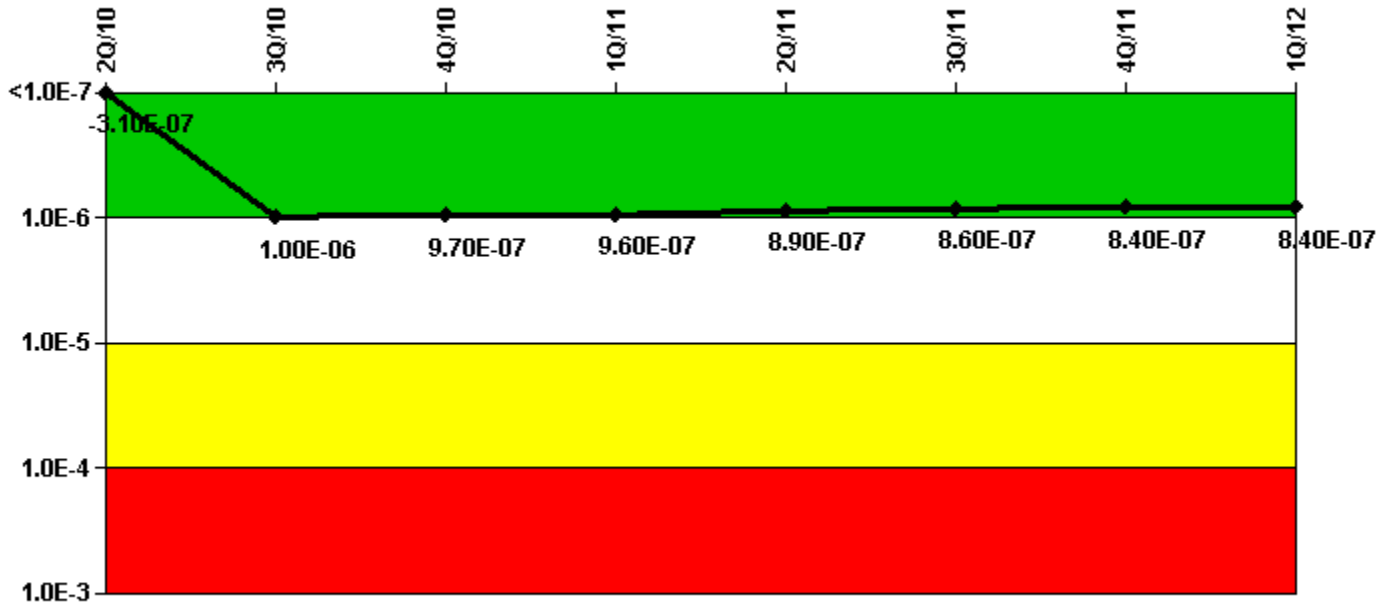
Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (Δ CDF)	-8.70E-10	-8.70E-10	-8.70E-10	-8.70E-10	-8.70E-10	-8.70E-10	-8.70E-10	-8.23E-10
URI (Δ CDF)	-2.54E-08	-2.54E-08	-2.54E-08	-2.54E-08	-2.55E-08	-2.55E-08	-2.55E-08	-4.78E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.60E-08	-2.60E-08	-2.60E-08	-2.60E-08	-2.60E-08	-2.60E-08	-2.60E-08	-5.60E-09

Licensee Comments:

1Q/12: MSPI basis document revised to remove the following valves from scope since they meet the exclusion criteria in NEI 99-02 Section F 2.1.2: 1(2)CV40, 1(2)CV41, 1(2)CV68, 1(2)CV69, 1(2)SJ1, 1(2)SJ2, 1(2)SJ4, 1(2)SJ5, 1(2)SJ12, 1(2)SJ13, 1(2)SJ67, 1(2)SJ68, 11(21)SJ113, 12(22)SJ113.

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/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (Δ CDF)	-6.21E-08	-6.21E-08	-6.21E-08	-6.21E-08	-6.21E-08	-6.21E-08	-4.59E-08	-4.59E-08
URI (Δ CDF)	-2.49E-07	1.08E-06	1.03E-06	1.02E-06	9.50E-07	9.25E-07	8.89E-07	8.89E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.10E-07	1.00E-06	9.70E-07	9.60E-07	8.90E-07	8.60E-07	8.40E-07	8.40E-07

Licensee Comments:

1Q/12: Risk Cap Invoked.

4Q/11: Risk Cap Invoked.

3Q/11: Risk Cap Invoked.

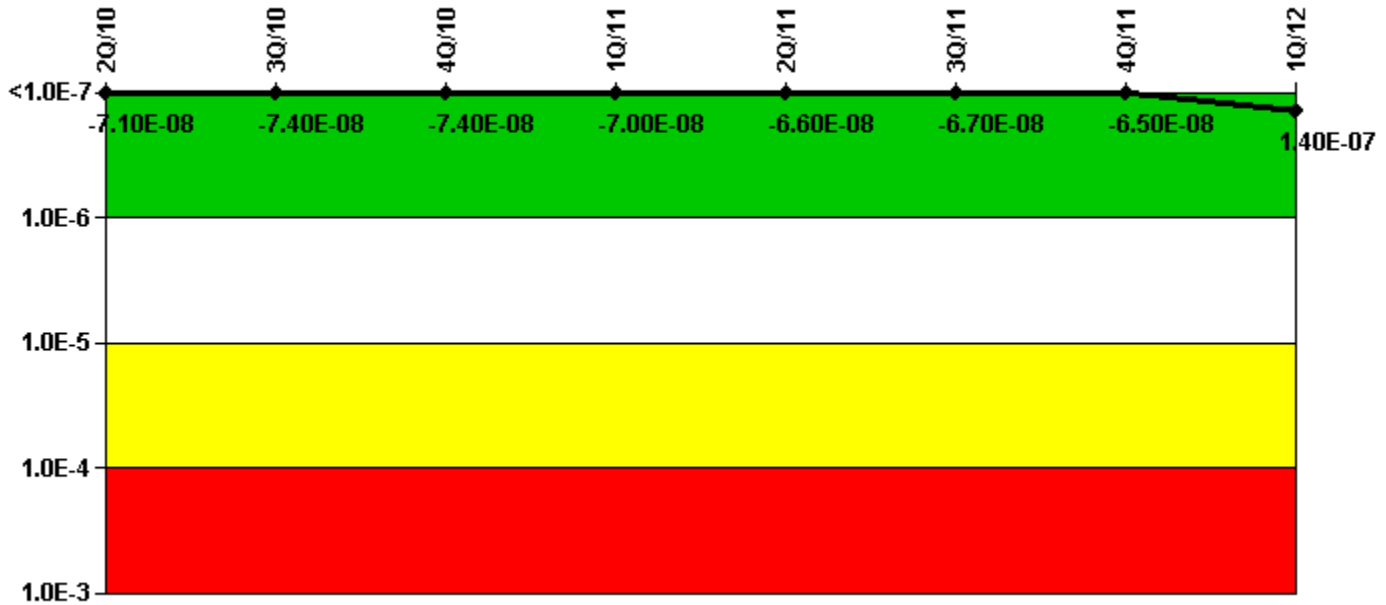
2Q/11: Risk Cap Invoked.

1Q/11: Risk Cap Invoked.

4Q/10: Risk Cap Invoked.

3Q/10: Risk Cap Invoked. Salem Unit 1 experienced 2 valid MSPI failures this quarter associated with the Steam Driven Auxiliary Feed Water Pump which resulted in a reduction in Margin to White.

Mitigating Systems Performance Index, Residual Heat Removal System



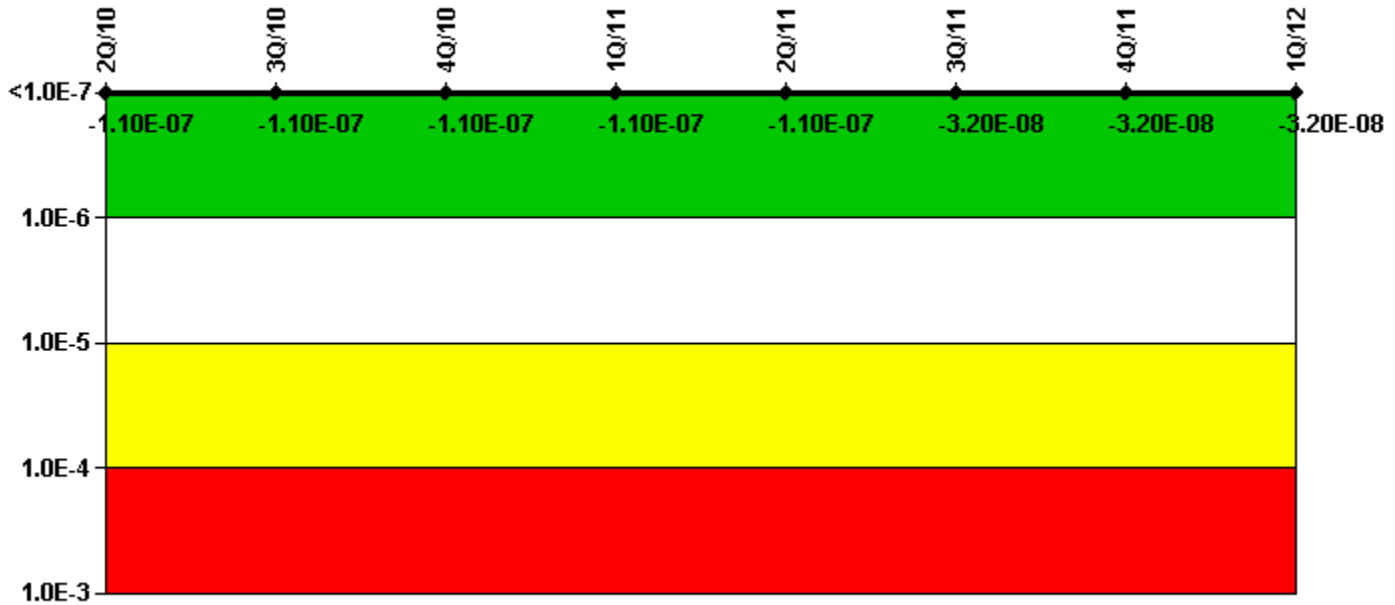
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (Δ CDF)	-1.62E-08	-1.62E-08	-1.62E-08	-1.18E-08	-6.97E-09	-6.97E-09	-7.04E-09	-4.48E-09
URI (Δ CDF)	-5.50E-08	-5.80E-08	-5.73E-08	-5.82E-08	-5.91E-08	-5.99E-08	-5.83E-08	1.43E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-7.10E-08	-7.40E-08	-7.40E-08	-7.00E-08	-6.60E-08	-6.70E-08	-6.50E-08	1.40E-07

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



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

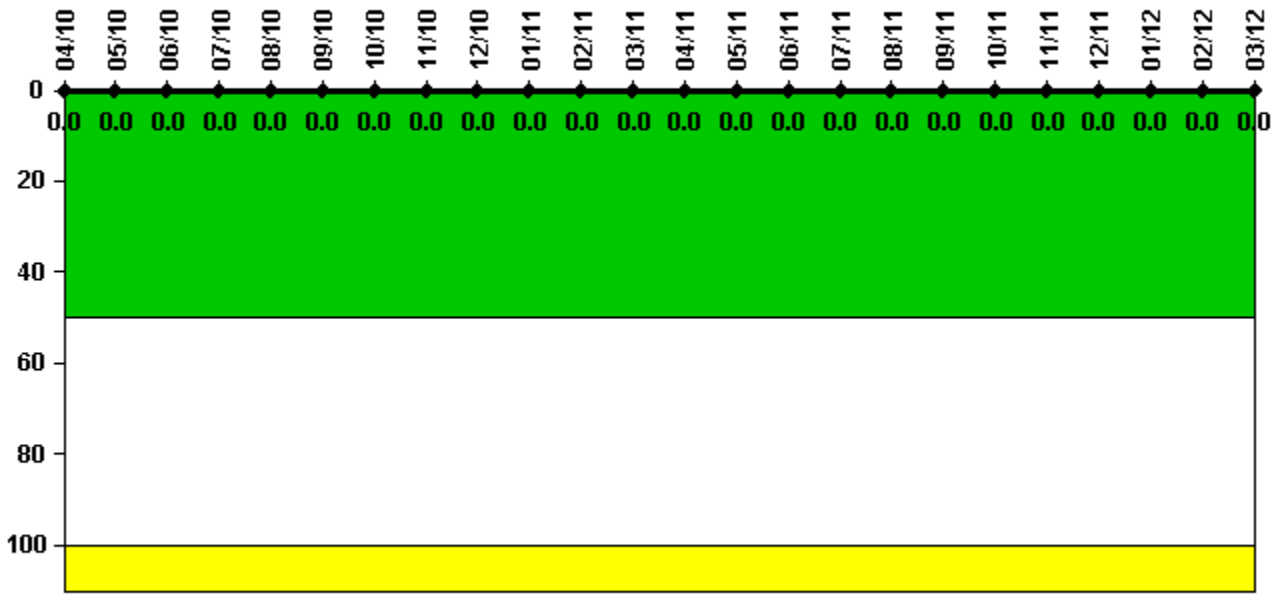
Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (Δ CDF)	-6.44E-08	-6.44E-08	-6.45E-08	-6.44E-08	-6.42E-08	-6.41E-08	-6.40E-08	-6.40E-08
URI (Δ CDF)	-4.98E-08	-4.98E-08	-4.98E-08	-4.98E-08	-4.98E-08	3.19E-08	3.19E-08	3.19E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.10E-07	-1.10E-07	-1.10E-07	-1.10E-07	-1.10E-07	-3.20E-08	-3.20E-08	-3.20E-08

Licensee Comments:

3Q/11: Incurred 1 MSPI failure on #11 Component Cooling Water Pump when it was declared inoperable due to discovery of loose casing mounting bolts

Reactor Coolant System Activity



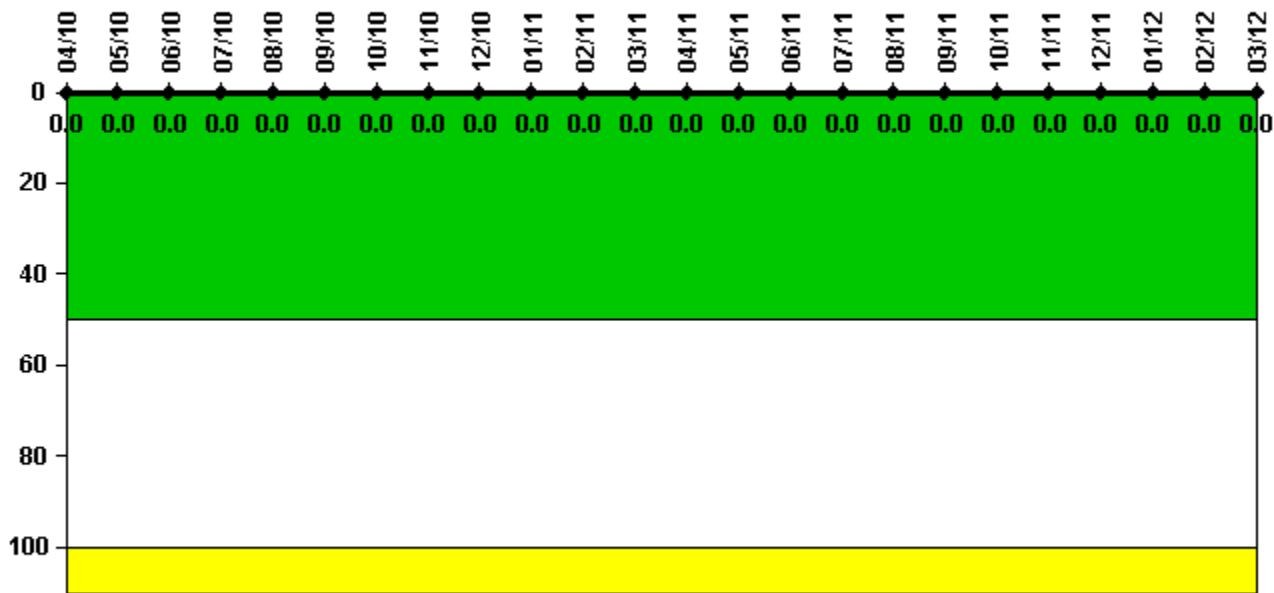
Thresholds: White > 50.0 Yellow > 100.0

Notes

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	0.000137	0.000099	0.000190	0.000351	0.000185	0.000111	0.000207	0.000238	0.000209	0.000180	0.000240	0.000247
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	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12
Maximum activity	0.000240	0.000223	0.000229	0.000274	0.000257	0.000233	0.000324	0.000074	0.000154	0.000130	0.000155	0.000094
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

Licensee Comments: none

Reactor Coolant System Leakage



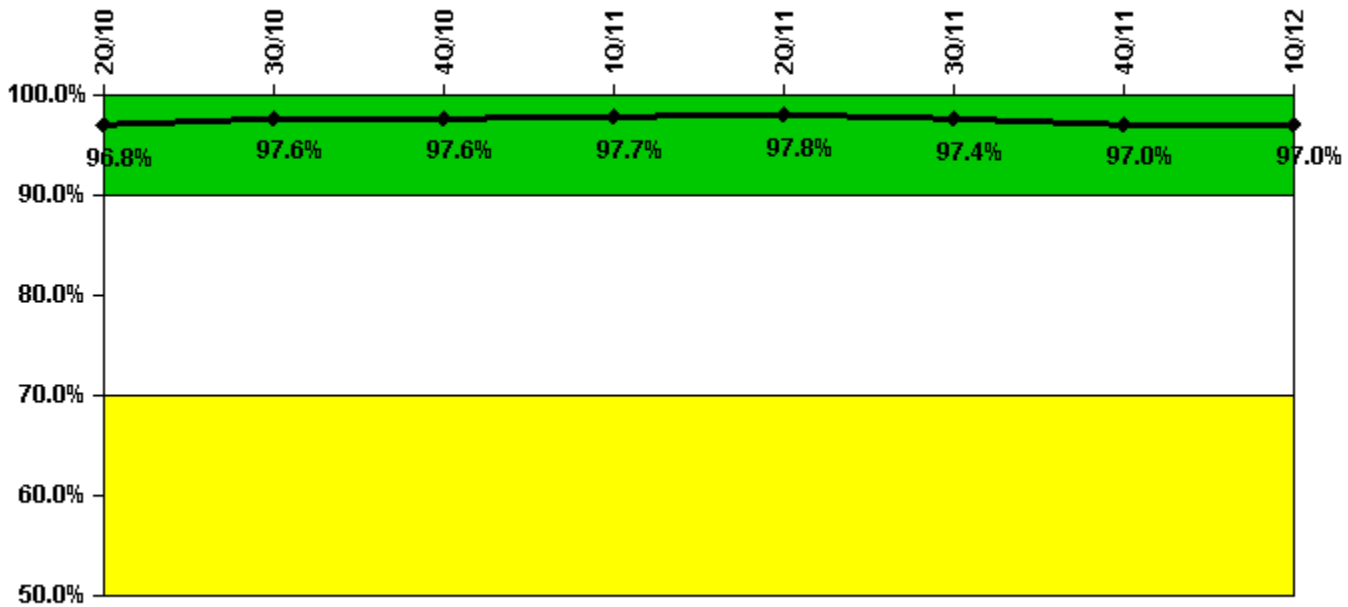
Thresholds: White > 50.0 Yellow > 100.0

Notes

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	0	0	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	0
Reactor Coolant System Leakage	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12
Maximum leakage	0	0	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	0

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

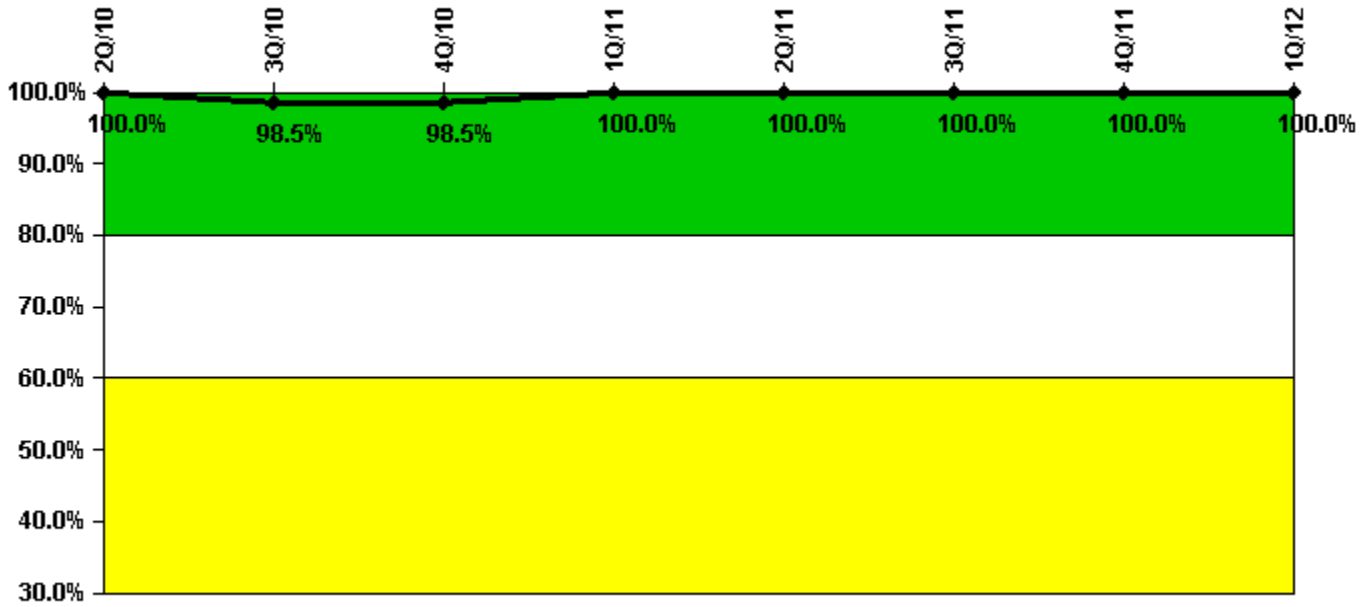
Notes

Drill/Exercise Performance	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Successful opportunities	55.0	39.0	39.0	43.0	40.0	34.0	72.0	30.0
Total opportunities	56.0	39.0	40.0	44.0	41.0	37.0	75.0	31.0
Indicator value	96.8%	97.6%	97.6%	97.7%	97.8%	97.4%	97.0%	97.0%

Licensee Comments:

3Q/10: DEP data for September 2010 was changed from 39 to 25 for both total and successful opportunities. No change in color as a result of the correction.

ERO Drill Participation



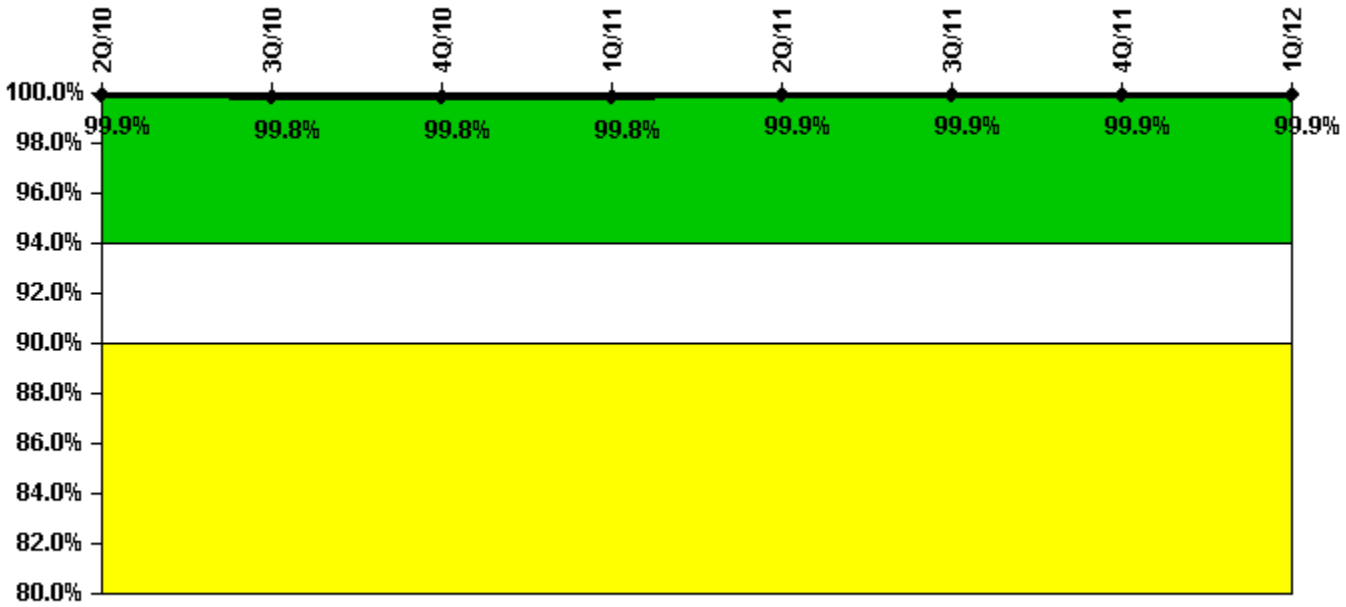
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Participating Key personnel	128.0	130.0	132.0	128.0	130.0	131.0	136.0	136.0
Total Key personnel	128.0	132.0	134.0	128.0	130.0	131.0	136.0	136.0
Indicator value	100.0%	98.5%	98.5%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



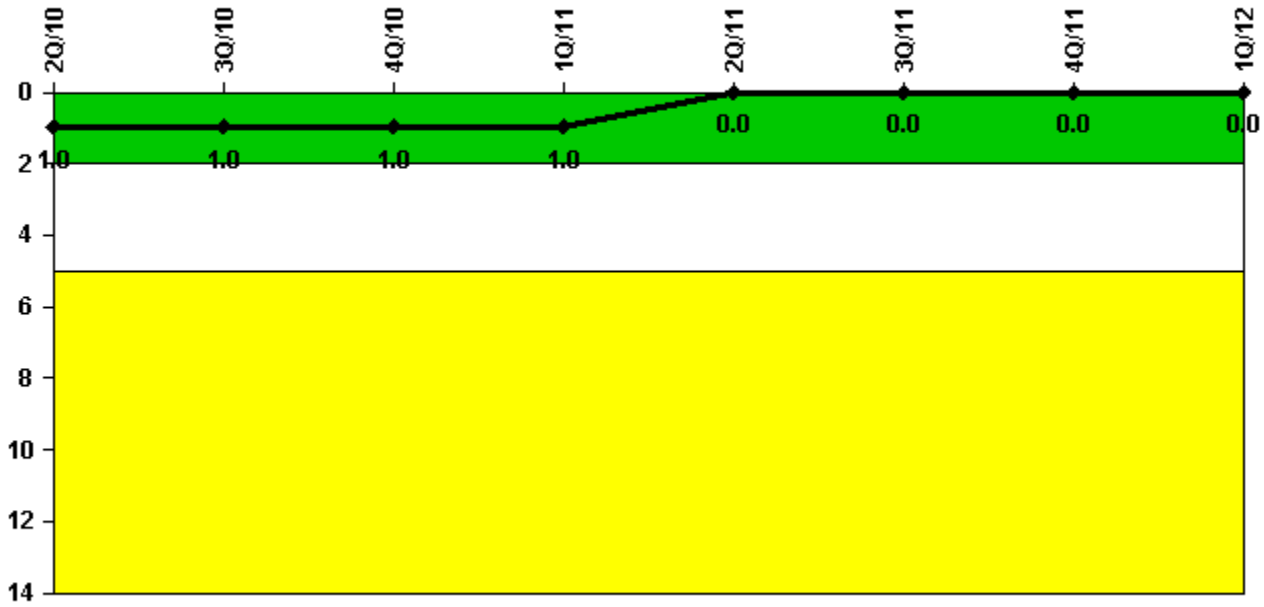
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Successful siren-tests	495	496	497	497	497	496	497	497
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	99.9%	99.8%	99.8%	99.8%	99.9%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



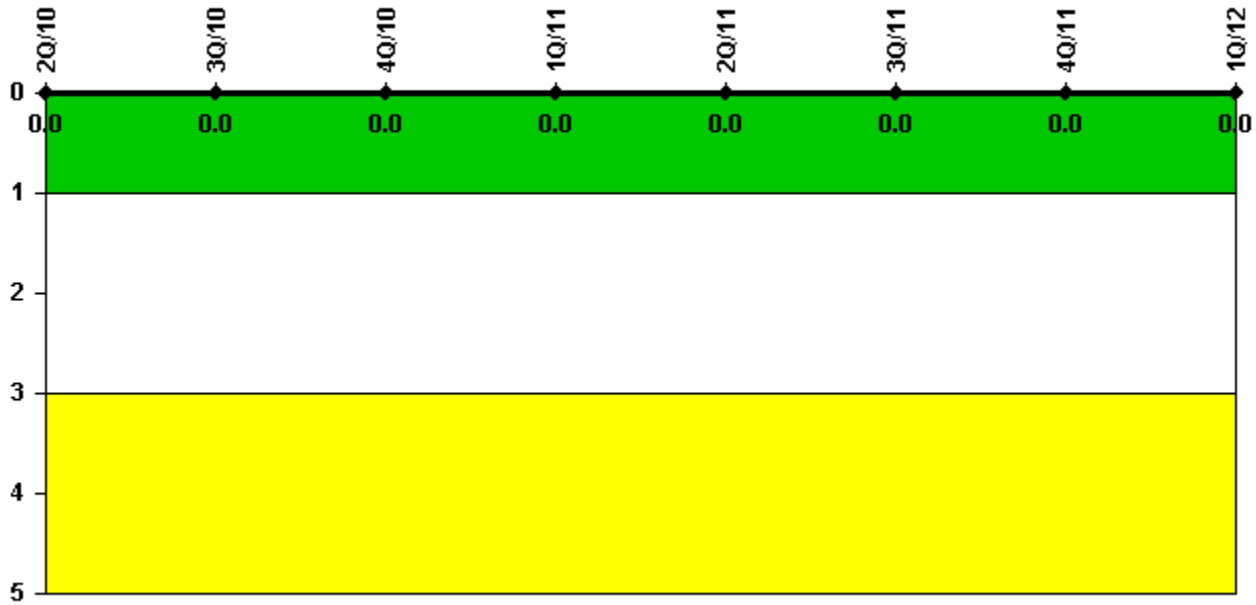
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
High radiation area occurrences	1	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	1	1	1	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
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.