

Nine Mile Point 1

1Q/2011 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



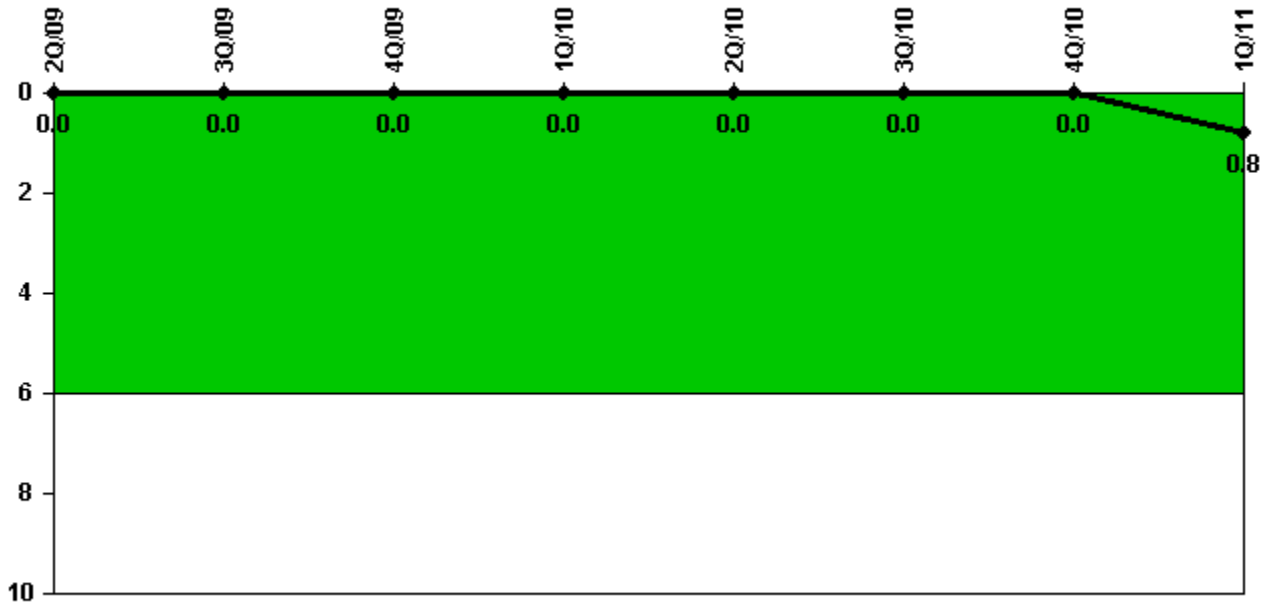
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Unplanned scrams	0	0	1.0	0	0	0	1.0	0
Critical hours	1988.9	2208.0	2151.4	2159.0	2184.0	2208.0	2138.5	1898.0
Indicator value	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



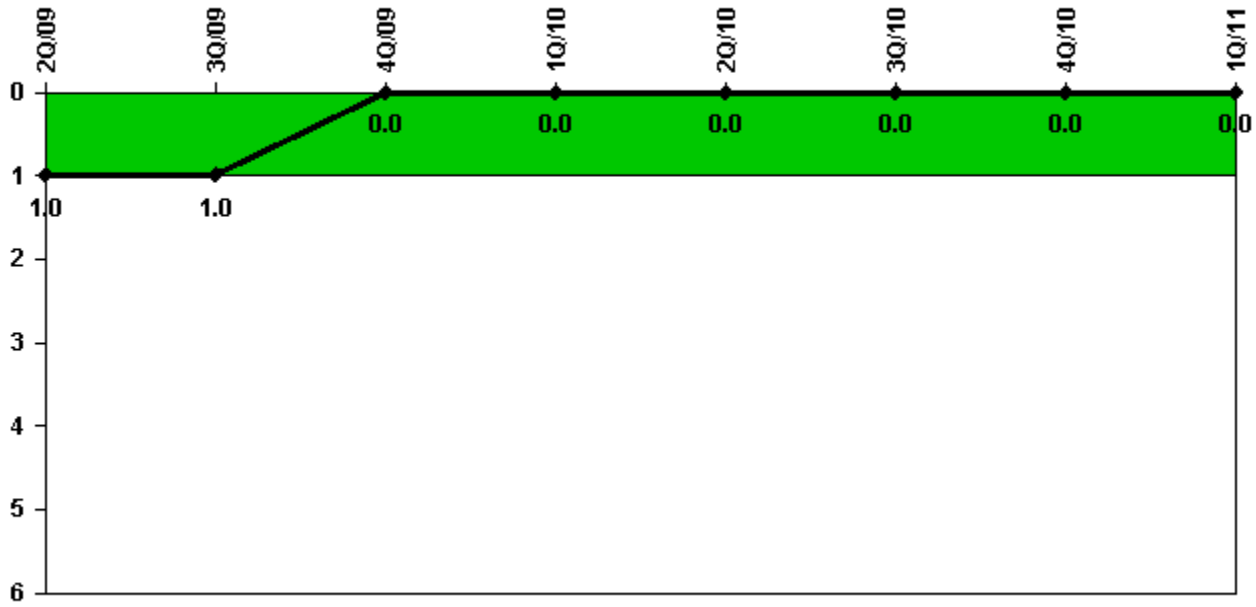
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Unplanned power changes	0	0	0	0	0	0	0	1.0
Critical hours	1988.9	2208.0	2151.4	2159.0	2184.0	2208.0	2138.5	1898.0
Indicator value	0	0	0	0	0	0	0	0.8

Licensee Comments: none

Unplanned Scrams with Complications



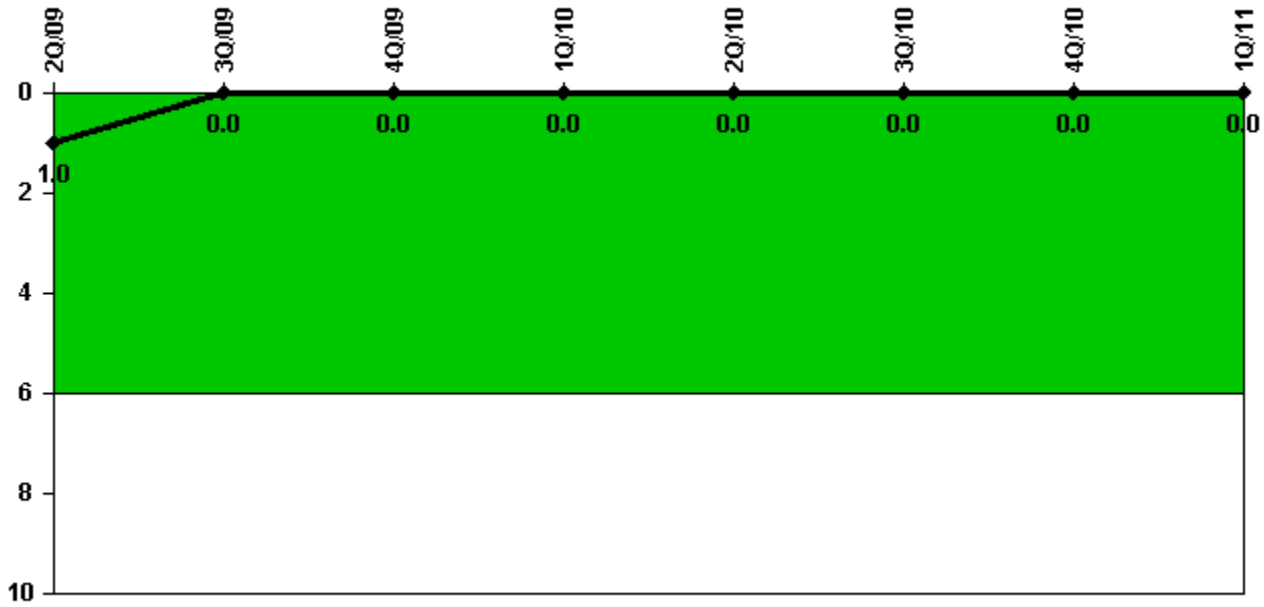
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (BWR)



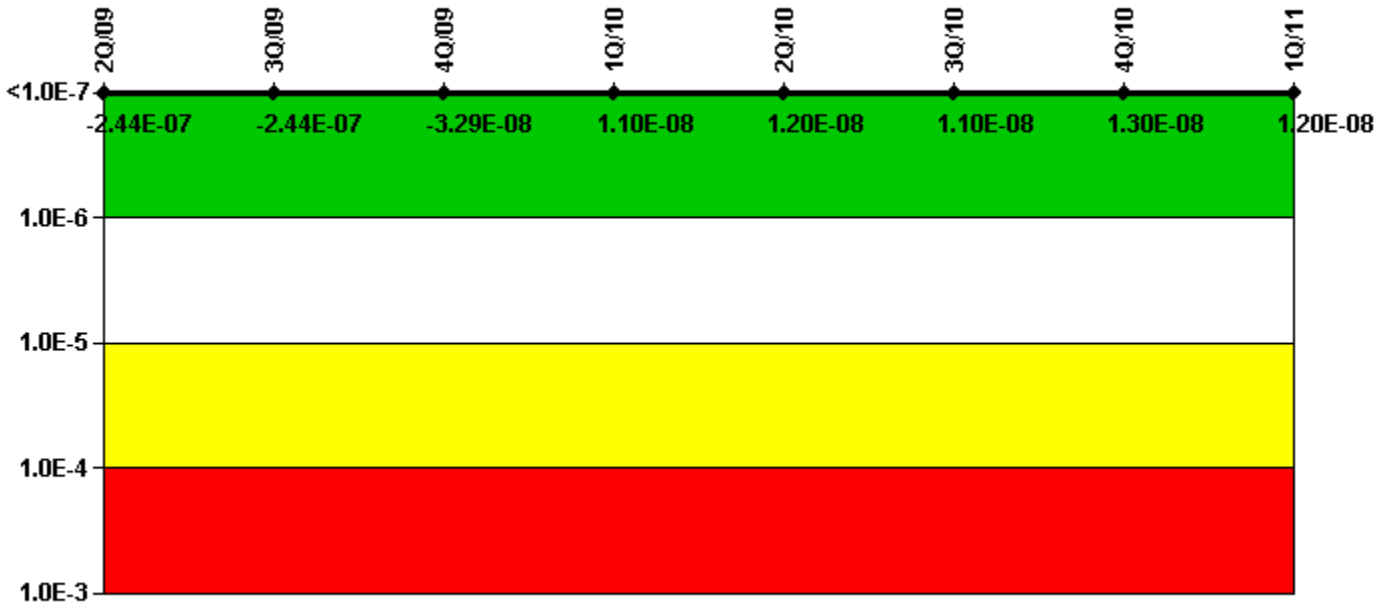
Thresholds: White > 6.0

Notes

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

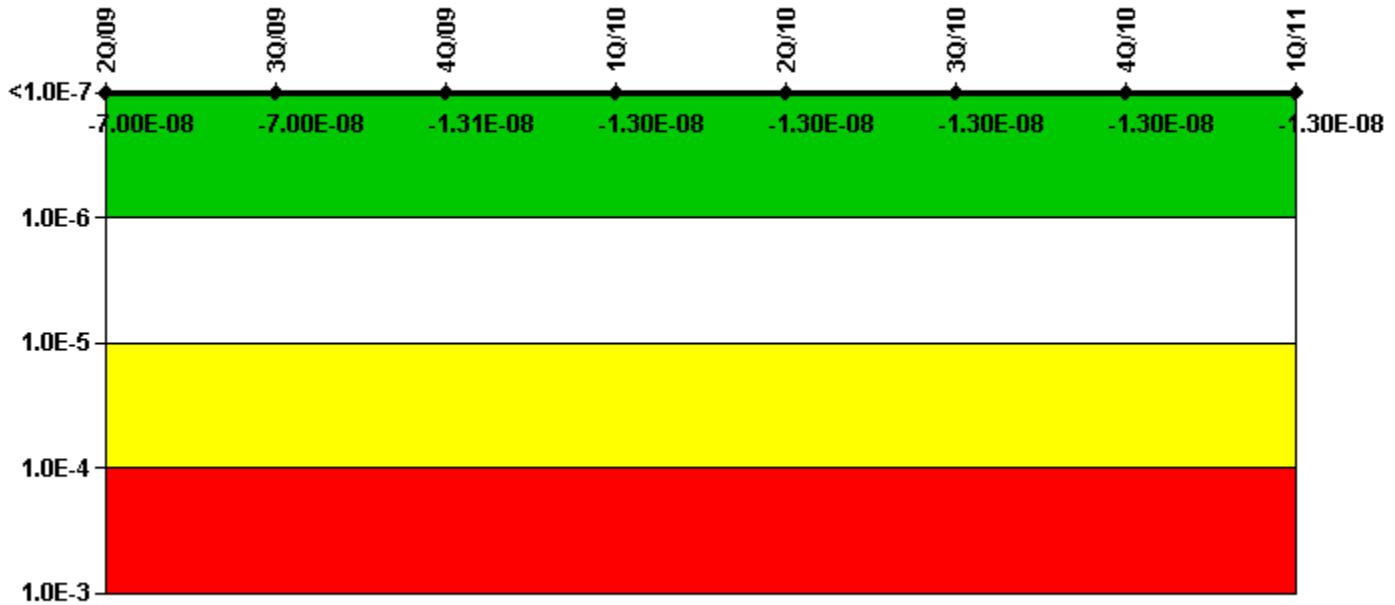
Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (Δ CDF)	-4.40E-08	-4.40E-08	-5.90E-09	-4.06E-09	-4.26E-09	-4.26E-09	-4.25E-09	-4.24E-09
URI (Δ CDF)	-2.00E-07	-2.00E-07	-2.70E-08	1.55E-08	1.58E-08	1.57E-08	1.72E-08	1.59E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.44E-07	-2.44E-07	-3.29E-08	1.10E-08	1.20E-08	1.10E-08	1.30E-08	1.20E-08

Licensee Comments:

1Q/11: MSPI Planned Unavailability Coefficients were updated to align with changes in maintenance strategies including newly identified work, offline work being performed online, and unavailability activities no longer being performed in parallel

Mitigating Systems Performance Index, High Pressure Injection System



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

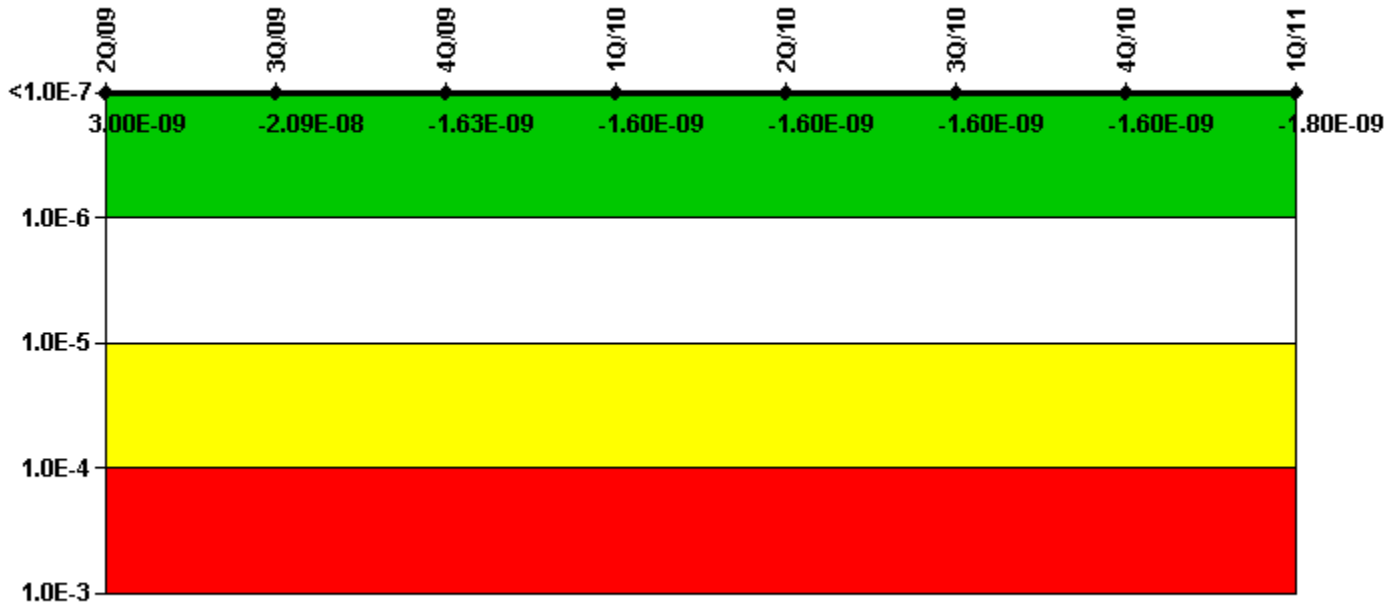
Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (Δ CDF)	-5.60E-08	-5.60E-08	-1.10E-08	-1.13E-08	-1.13E-08	-1.13E-08	-1.13E-08	-1.13E-08
URI (Δ CDF)	-1.40E-08	-1.40E-08	-2.10E-09	-2.14E-09	-1.92E-09	-1.90E-09	-1.98E-09	-2.06E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-7.00E-08	-7.00E-08	-1.31E-08	-1.30E-08	-1.30E-08	-1.30E-08	-1.30E-08	-1.30E-08

Licensee Comments:

1Q/11: MSPI Planned Unavailability Coefficients were updated to align with changes in maintenance strategies including newly identified work, offline work being performed online, and unavailability activities no longer being performed in parallel

Mitigating Systems Performance Index, Heat Removal System



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

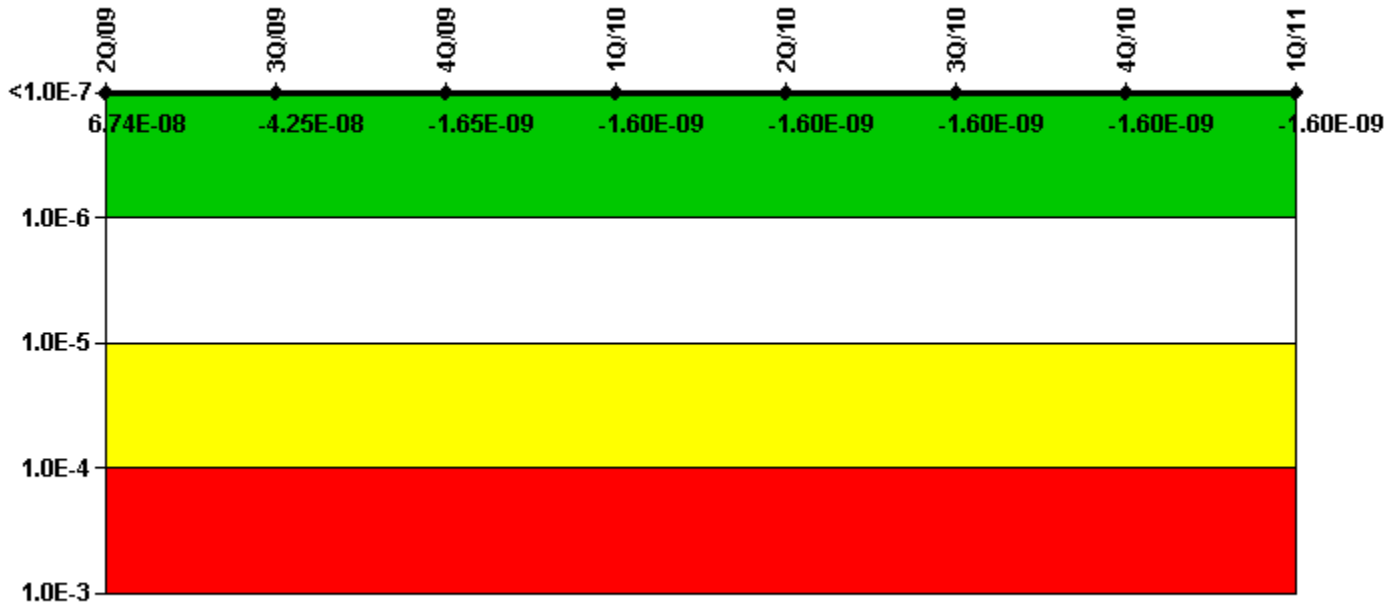
Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (Δ CDF)	1.70E-08	-6.90E-09	-1.10E-09	-1.10E-09	-1.11E-09	-1.11E-09	-1.11E-09	-1.24E-09
URI (Δ CDF)	-1.40E-08	-1.40E-08	-5.30E-10	-5.12E-10	-5.00E-10	-5.06E-10	-4.98E-10	-5.14E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.00E-09	-2.09E-08	-1.63E-09	-1.60E-09	-1.60E-09	-1.60E-09	-1.60E-09	-1.80E-09

Licensee Comments:

1Q/11: MSPI Planned Unavailability Coefficients were updated to align with changes in maintenance strategies including newly identified work, offline work being performed online, and unavailability activities no longer being performed in parallel

Mitigating Systems Performance Index, Residual Heat Removal System



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

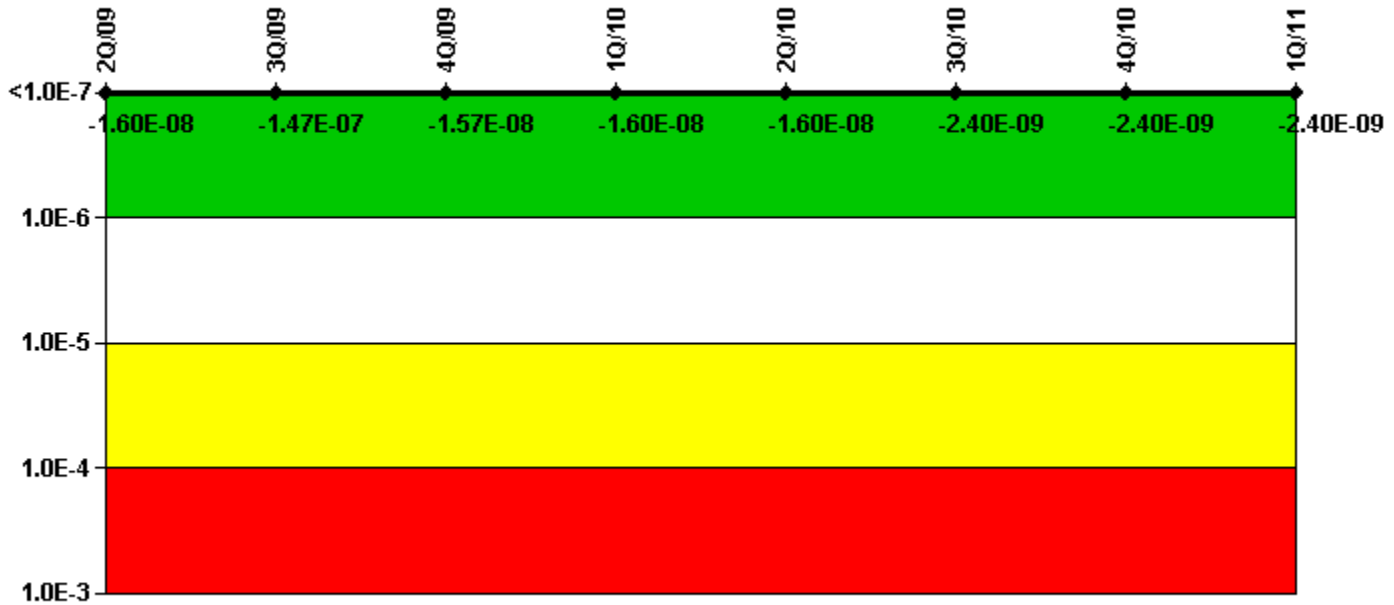
Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (Δ CDF)	7.60E-08	-3.40E-08	-1.50E-10	-1.46E-10	-1.47E-10	-1.47E-10	-1.47E-10	-1.46E-10
URI (Δ CDF)	-8.60E-09	-8.50E-09	-1.50E-09	-1.48E-09	-1.45E-09	-1.43E-09	-1.44E-09	-1.44E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	6.74E-08	-4.25E-08	-1.65E-09	-1.60E-09	-1.60E-09	-1.60E-09	-1.60E-09	-1.60E-09

Licensee Comments:

1Q/11: MSPI Planned Unavailability Coefficients were updated to align with changes in maintenance strategies including newly identified work, offline work being performed online, and unavailability activities no longer being performed in parallel

Mitigating Systems Performance Index, Cooling Water Systems



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

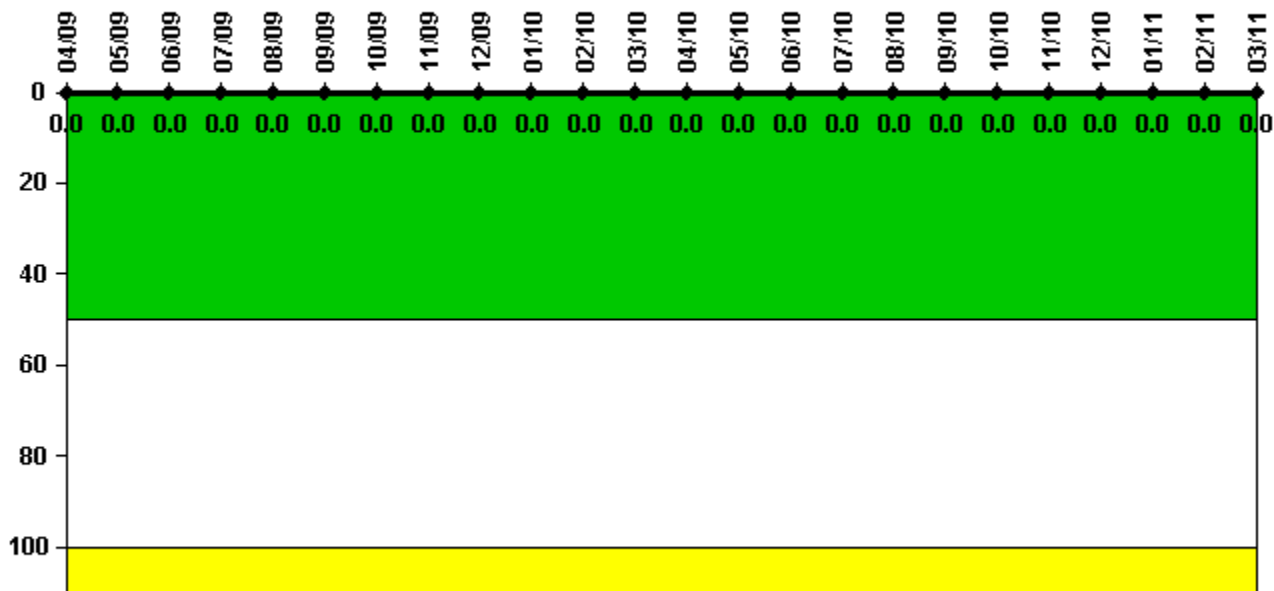
Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (ΔCDF)	2.10E-08	-1.10E-07	-1.50E-08	-1.56E-08	-1.57E-08	-1.57E-08	-1.57E-08	-1.57E-08
URI (ΔCDF)	-3.70E-08	-3.70E-08	-7.30E-10	-7.14E-10	-7.12E-10	1.33E-08	1.33E-08	1.33E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.60E-08	-1.47E-07	-1.57E-08	-1.60E-08	-1.60E-08	-2.40E-09	-2.40E-09	-2.40E-09

Licensee Comments:

1Q/11: MSPI Planned Unavailability Coefficients were updated to align with changes in maintenance strategies including newly identified work, offline work being performed online, and unavailability activities no longer being performed in parallel

Reactor Coolant System Activity



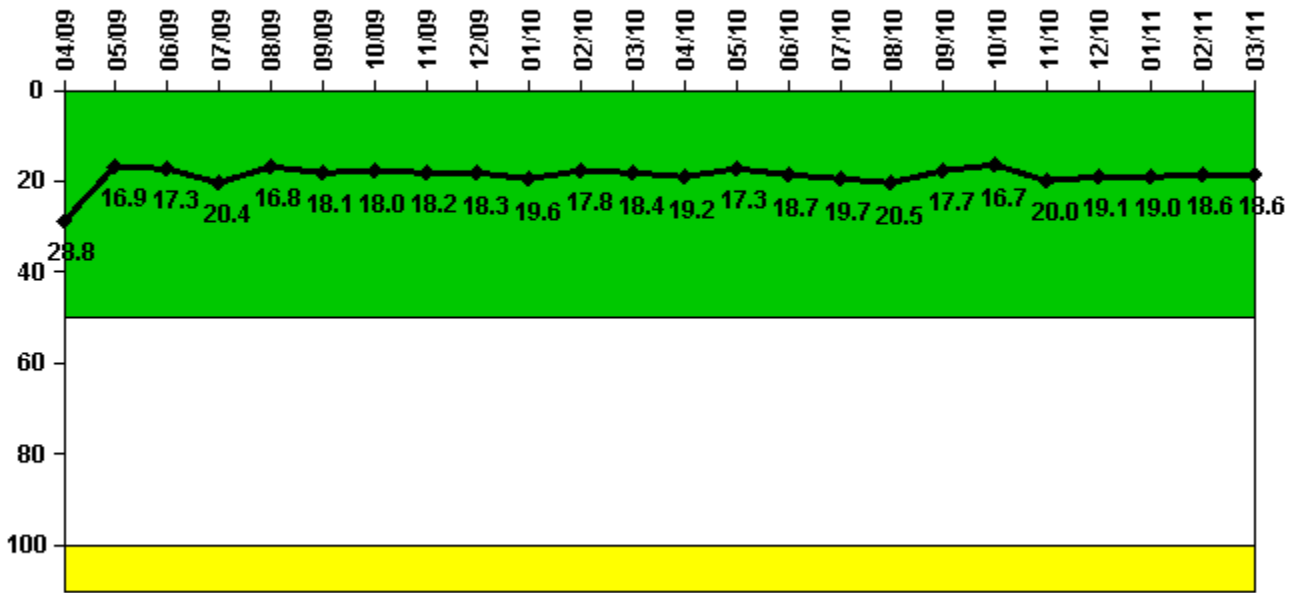
Thresholds: White > 50.0 Yellow > 100.0

Notes

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	0.000010	0.000014	0.000009	0.000006	0.000005	0.000006	0.000007	0.000006	0.000007	0.000005	0.000006	0.000005
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	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11
Maximum activity	0.000006	0.000008	0.000006	0.000006	0.000005	0.000008	0.000007	0.000007	0.000005	0.000004	0.000005	0.000005
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



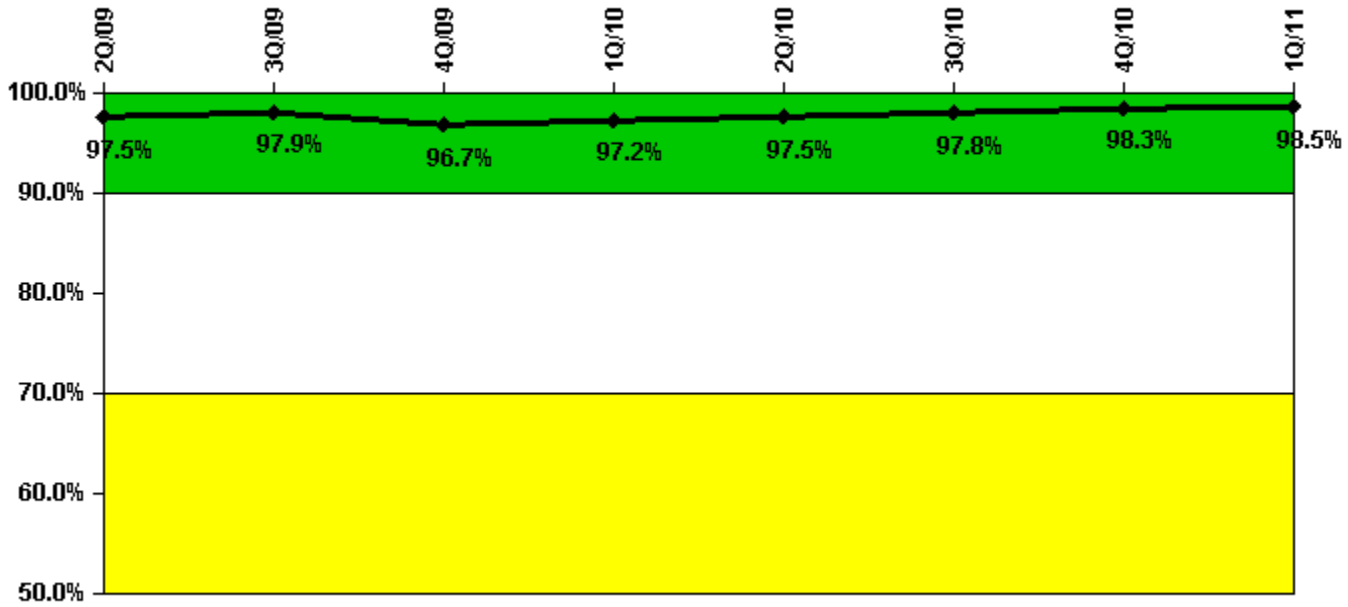
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10
Maximum leakage	7.207	4.216	4.337	5.088	4.199	4.521	4.500	4.561	4.566	4.901	4.451	4.603
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	28.8	16.9	17.3	20.4	16.8	18.1	18.0	18.2	18.3	19.6	17.8	18.4
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	4.810	4.320	4.680	4.921	5.118	4.434	4.170	5.001	4.785	4.747	4.650	4.640
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	19.2	17.3	18.7	19.7	20.5	17.7	16.7	20.0	19.1	19.0	18.6	18.6

Licensee Comments: none

Drill/Exercise Performance



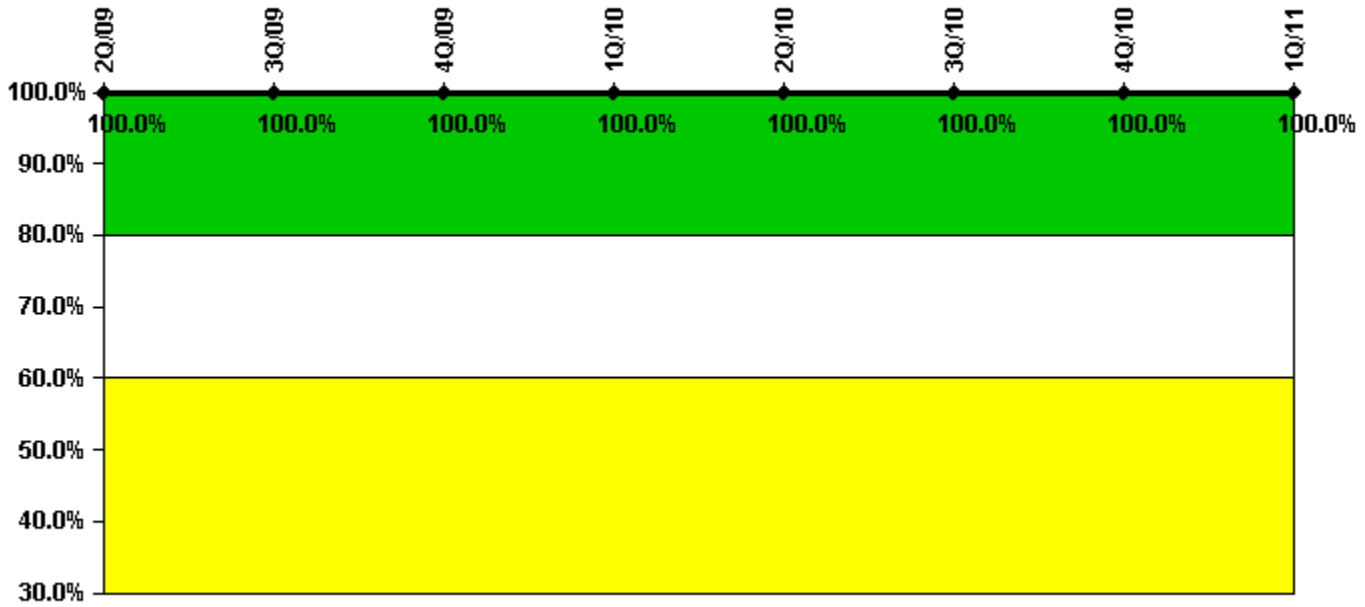
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Successful opportunities	20.0	68.0	87.0	45.0	14.0	21.0	50.0	33.0
Total opportunities	20.0	70.0	88.0	46.0	14.0	21.0	51.0	33.0
Indicator value	97.5%	97.9%	96.7%	97.2%	97.5%	97.8%	98.3%	98.5%

Licensee Comments: none

ERO Drill Participation



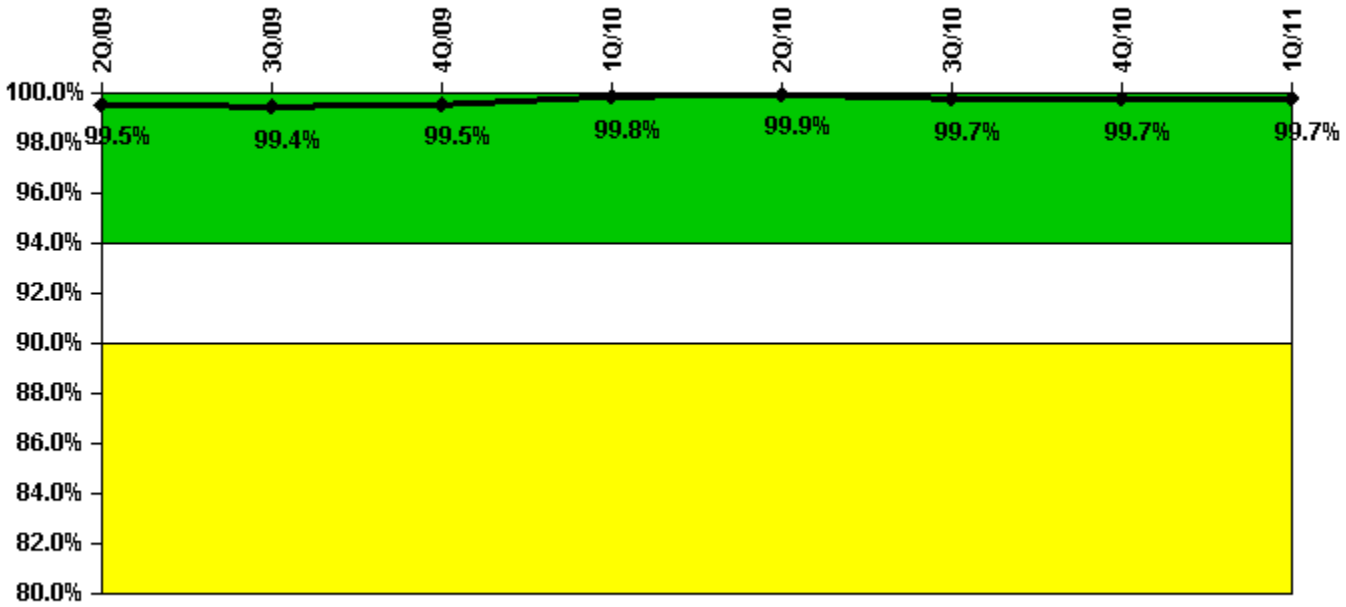
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Participating Key personnel	93.0	92.0	97.0	103.0	102.0	101.0	96.0	100.0
Total Key personnel	93.0	92.0	97.0	103.0	102.0	101.0	96.0	100.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



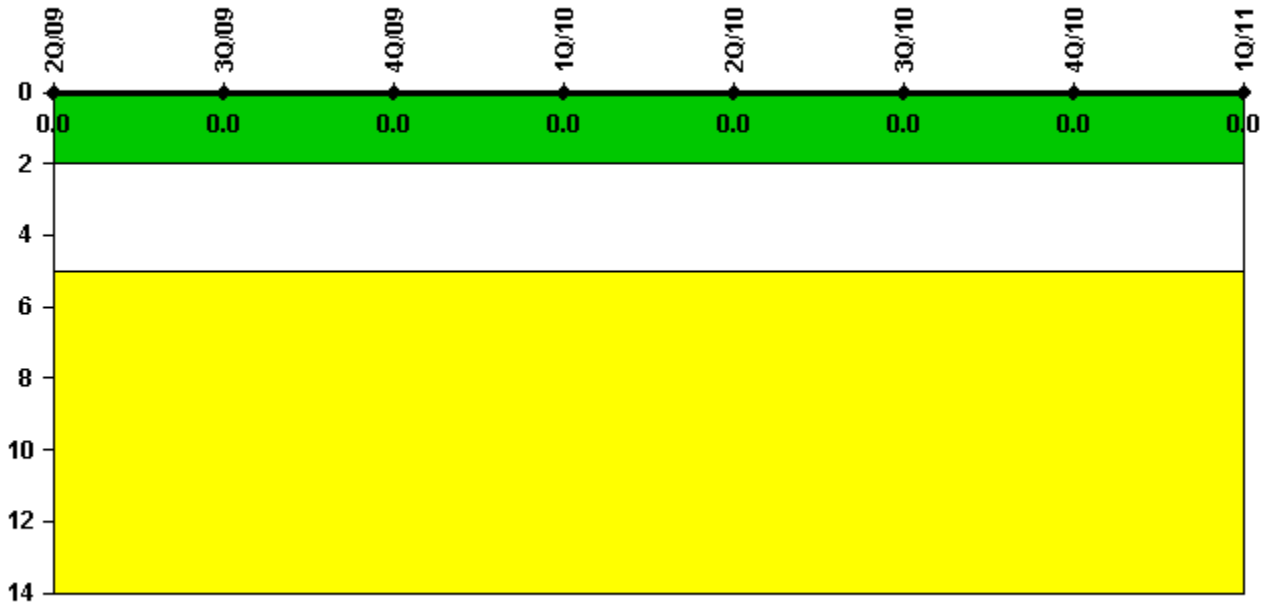
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Successful siren-tests	258	258	296	259	259	256	296	222
Total sirens-tests	259	259	296	259	259	259	296	222
Indicator value	99.5%	99.4%	99.5%	99.8%	99.9%	99.7%	99.7%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



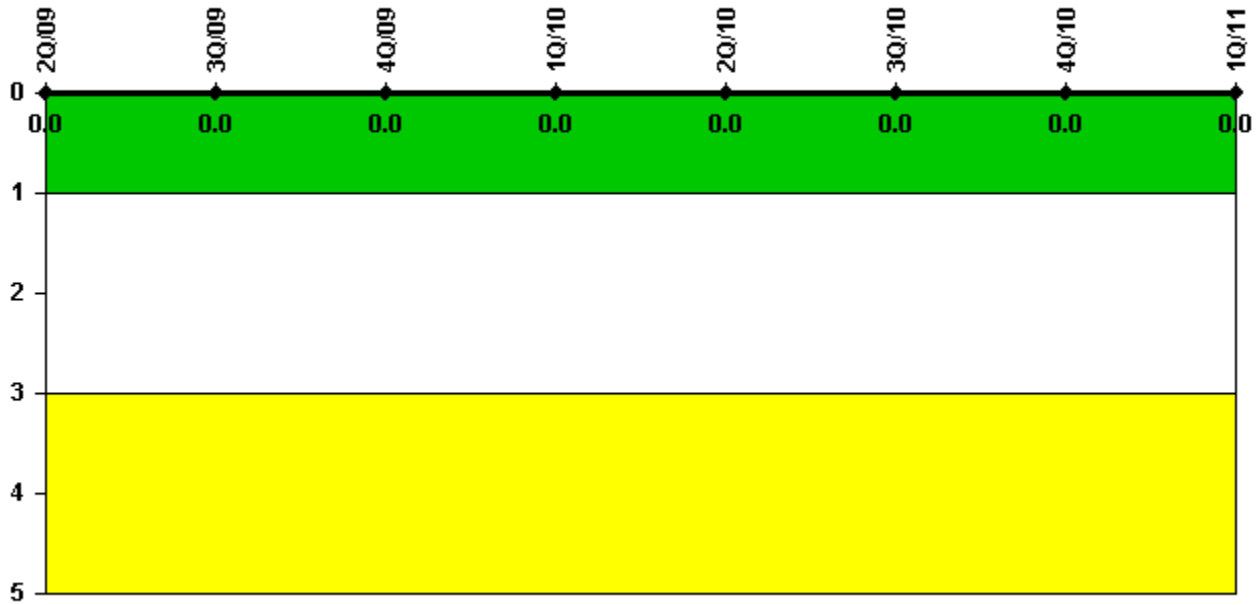
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/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	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/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/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.