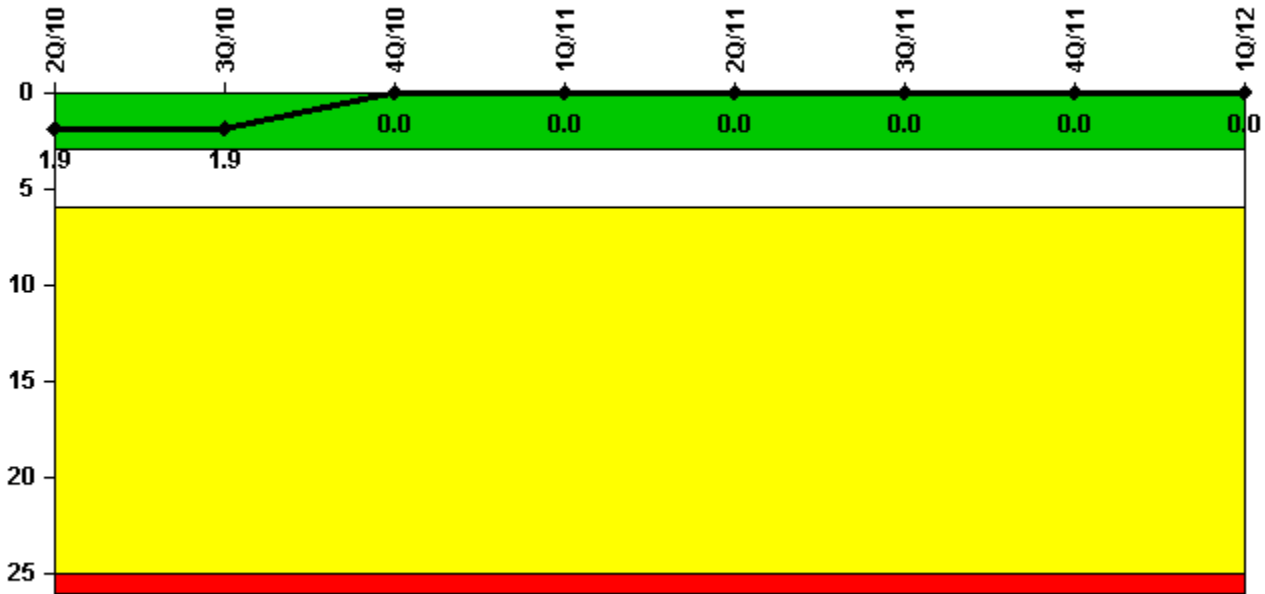


Summer

1Q/2012 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



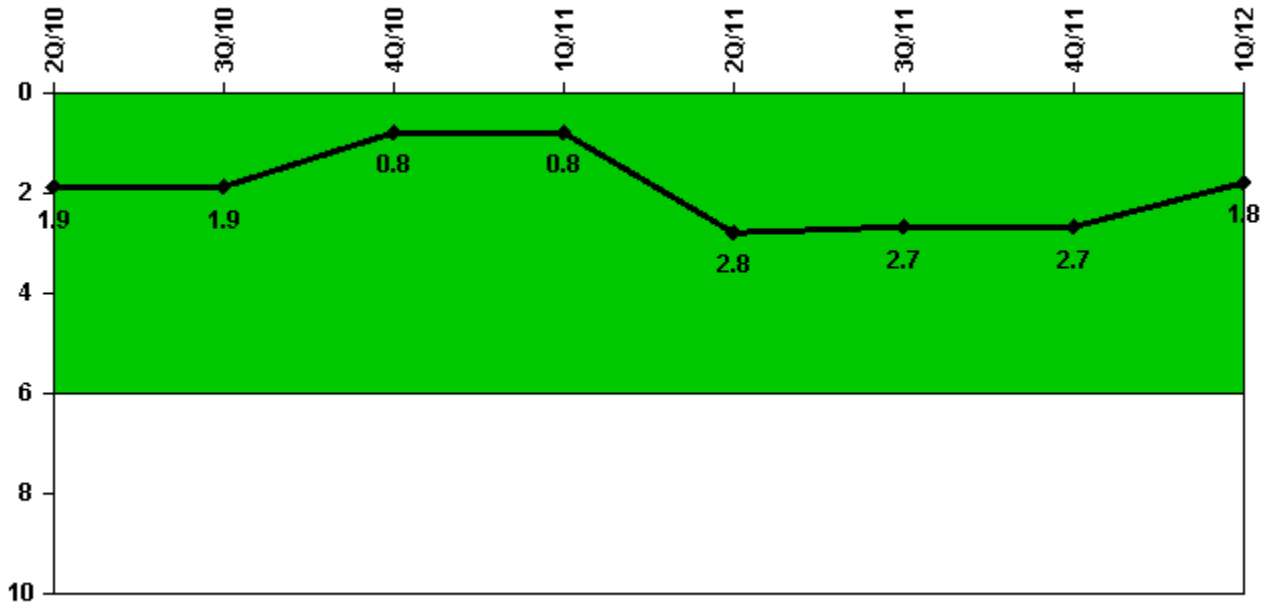
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	0	0	0	0	0	0	0
Critical hours	2184.0	2157.5	2209.0	2118.4	1136.4	2208.0	2209.0	2183.0
Indicator value	1.9	1.9	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/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Unplanned power changes	0	0	0	1.0	2.0	0	0	0
Critical hours	2184.0	2157.5	2209.0	2118.4	1136.4	2208.0	2209.0	2183.0
Indicator value	1.9	1.9	0.8	0.8	2.8	2.7	2.7	1.8

Licensee Comments: none

Unplanned Scrams with Complications



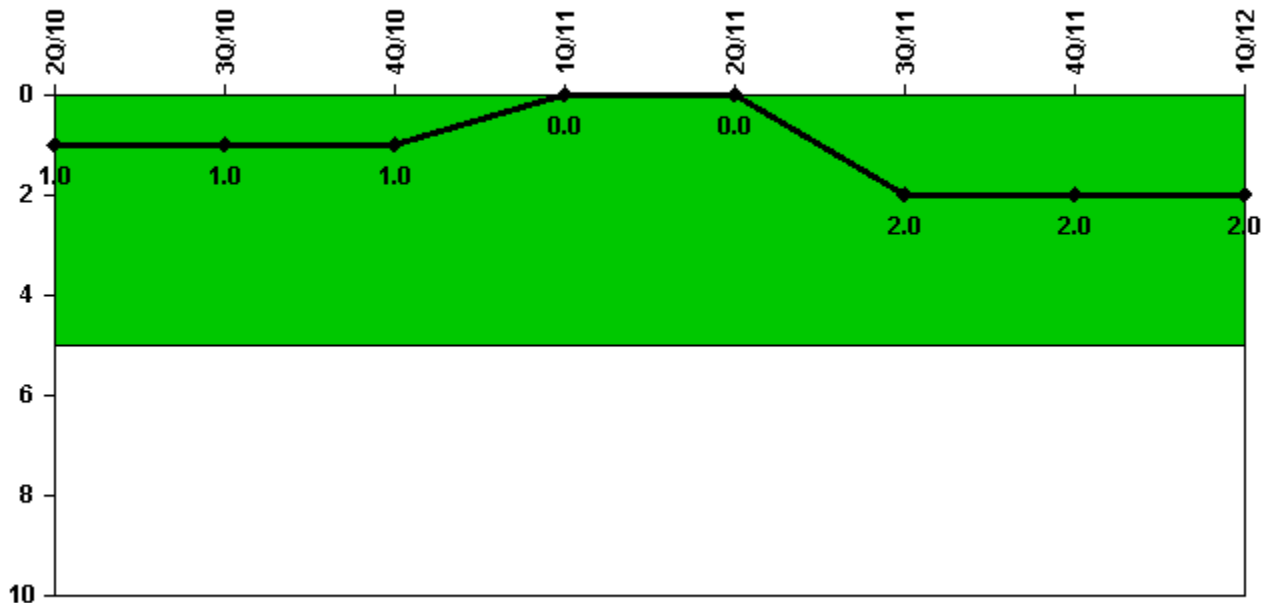
Thresholds: White > 1.0

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

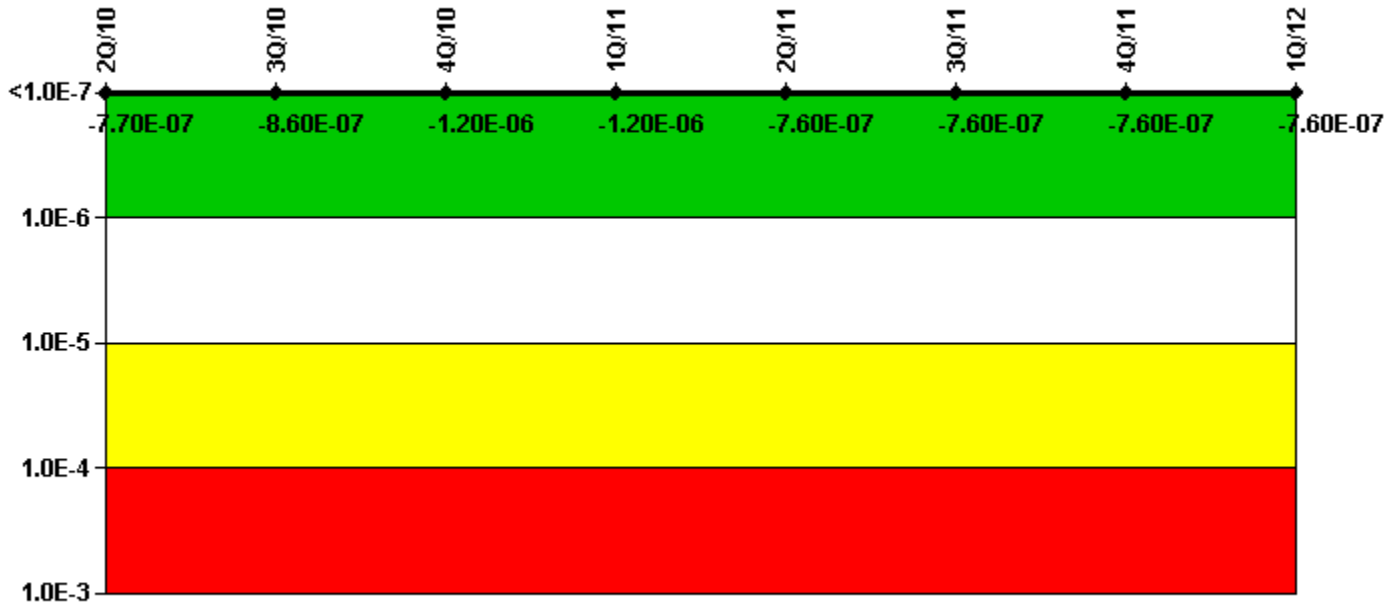
Notes

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	2	0	0
Indicator value	1	1	1	0	0	2	2	2

Licensee Comments:

3Q/11: LER-2011-001 - Failure to maintain one train of safe shutdown systems in accordance with Appedix R Section III.G.a/III.G.3
 LER-2011-002 - Failure to maintain one train of safe shutdown systems in accordance with Appedix R Section III.G.a/III.G.3

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 (Δ CDF)	3.40E-07	2.44E-07	-1.33E-07	-1.33E-07	-9.69E-08	-9.69E-08	-9.69E-08	-9.69E-08
URI (Δ CDF)	-1.11E-06	-1.11E-06	-1.11E-06	-1.11E-06	-6.60E-07	-6.60E-07	-6.60E-07	-6.60E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-7.70E-07	-8.60E-07	-1.20E-06	-1.20E-06	-7.60E-07	-7.60E-07	-7.60E-07	-7.60E-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. Changed PRA parameters, to take affect 4/1/2011, to credit the Alternate AC (AAC) power supply for restoring high pressure injection in time to mitigate an RCP seal LOCA brought on by a loss of offsite power and it updates the loss of offsite power initiating event frequency and recovery curve.

4Q/10: Risk Cap Invoked.

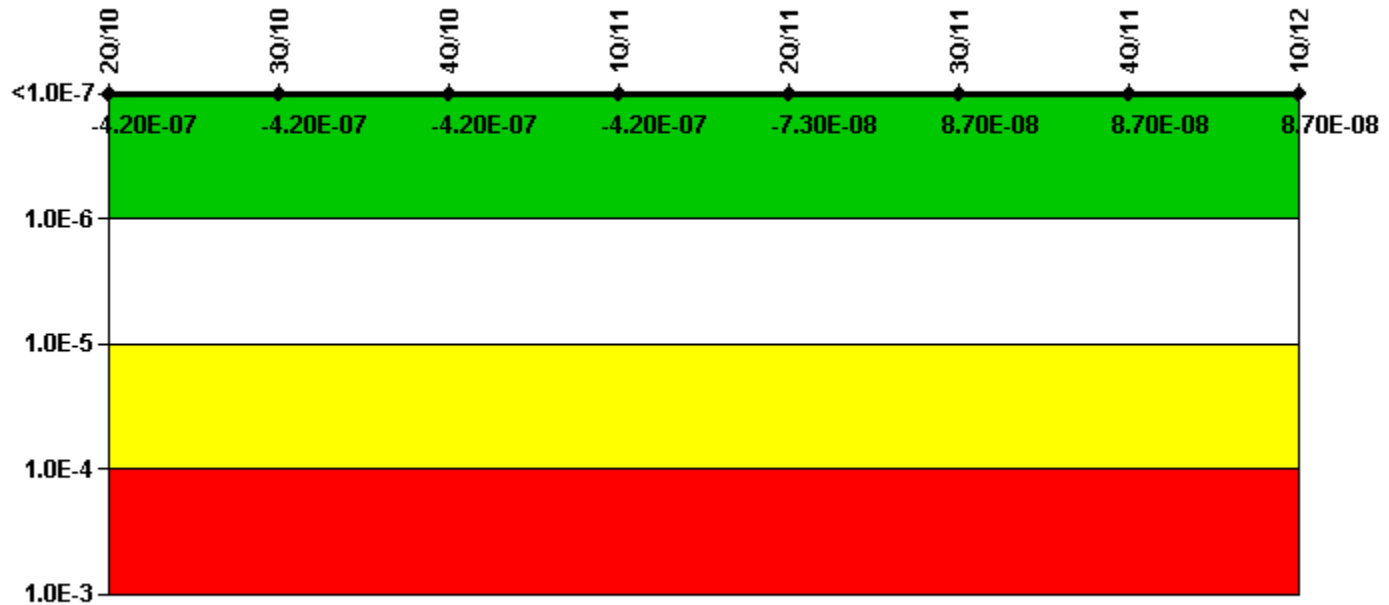
3Q/10: Risk Cap Invoked. Changed CDE MSPI coefficients and the MSPI Basis Document to adjust PRA modeling for a plant modification which added a second instrument air dryer and to update planned EDG online overhaul train unavailability.

3Q/10: Risk Cap Invoked. Changed CDE MSPI coefficients and the MSPI Basis Document to adjust PRA modeling for a plant modification which added a second instrument air dryer and to update planned EDG online overhaul train unavailability.

2Q/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 (ΔCDF)	-1.66E-07	-1.66E-07	-1.66E-07	-1.66E-07	-7.36E-09	-7.06E-09	-7.06E-09	-7.06E-09
URI (ΔCDF)	-2.54E-07	-2.54E-07	-2.55E-07	-2.55E-07	-6.60E-08	9.43E-08	9.43E-08	9.43E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.20E-07	-4.20E-07	-4.20E-07	-4.20E-07	-7.30E-08	8.70E-08	8.70E-08	8.70E-08

Licensee Comments:

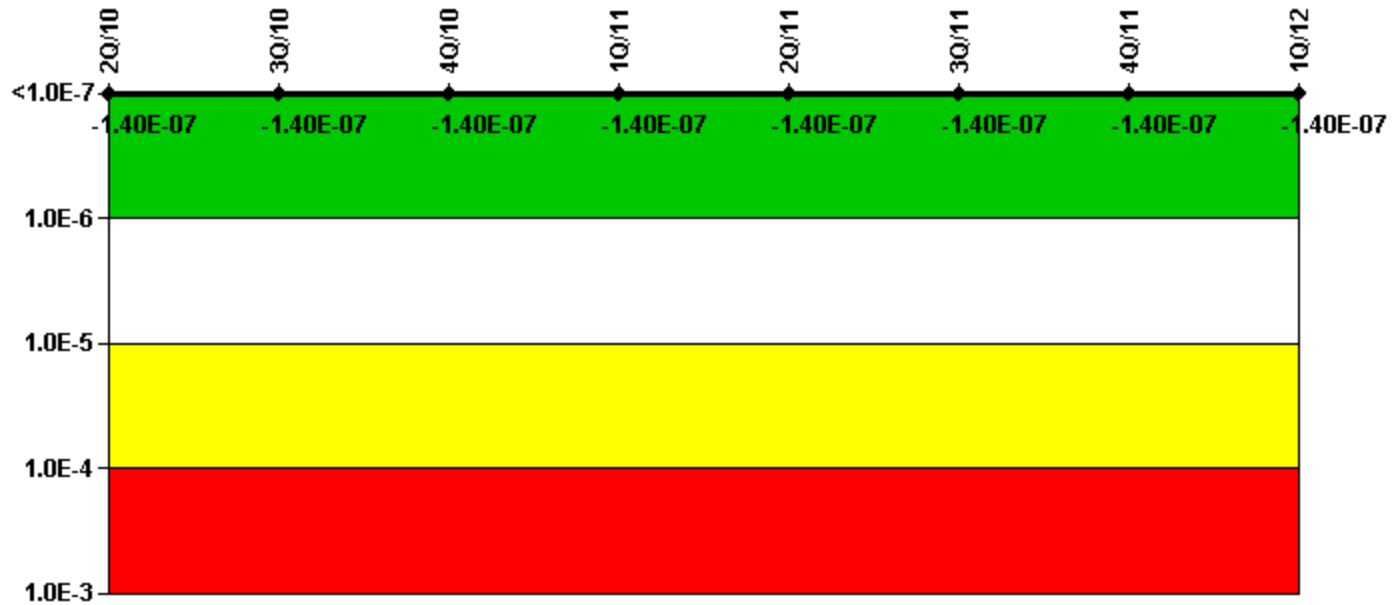
3Q/11: On 9/27/2011 "C" HPSI Pump breaker was improperly racked in on "A" train HPSI and the "A" HPSI Pump breaker was racked out-of-service. The "C" HPSI Pump breaker condition was not discovered until the pump failed to start during a test start. This event resulted in a Start/Demand failure and 1.2 hours of unplanned unavailability.

1Q/11: Changed PRA parameters, to take affect 4/1/2011, to credit the Alternate AC (AAC) power supply for restoring high pressure injection in time to mitigate an RCP seal LOCA brought on by a loss of offsite power and it updates the loss of offsite power initiating event frequency and recovery curve.

3Q/10: Changed CDE MSPI coefficients and the MSPI Basis Document to adjust PRA modeling for a plant modification which added a second instrument air dryer and to update planned EDG online overhaul train

unavailability.

Mitigating Systems Performance Index, Heat Removal System



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

Notes

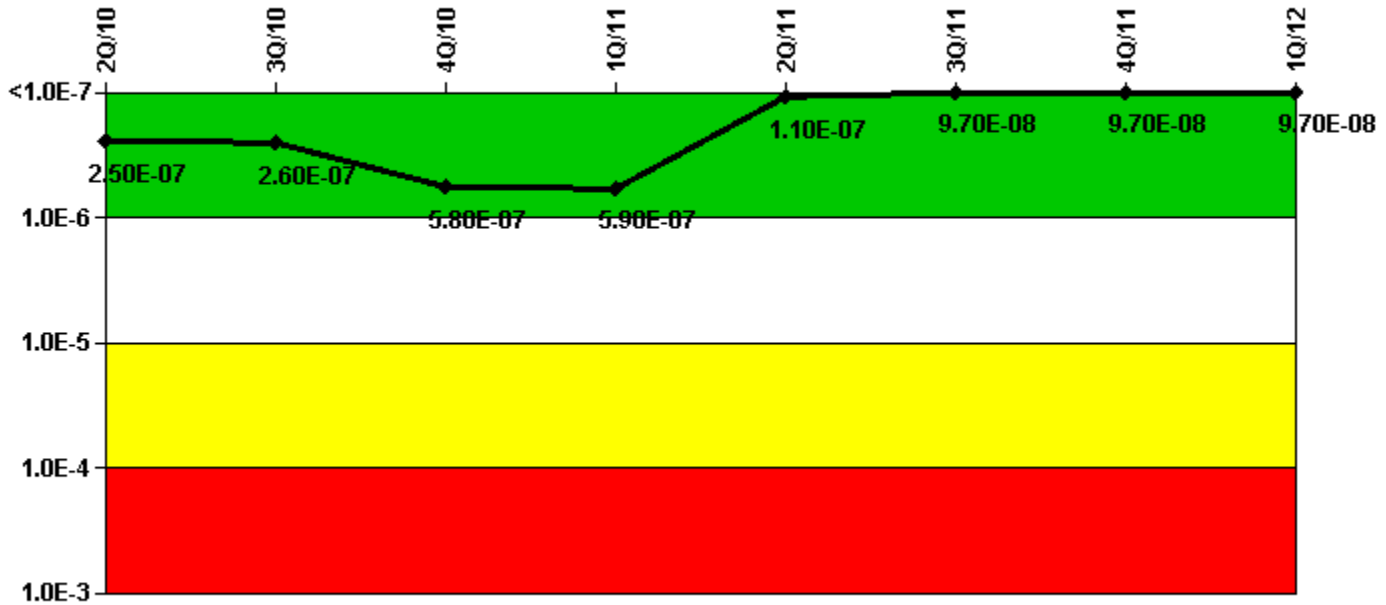
Mitigating Systems Performance Index, Heat Removal System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (Δ CDF)	-2.50E-08	-2.50E-08	-2.52E-08	-2.52E-08	-2.05E-08	-2.07E-08	-2.11E-08	-2.11E-08
URI (Δ CDF)	-1.18E-07	-1.18E-07	-1.18E-07	-1.18E-07	-1.17E-07	-1.17E-07	-1.17E-07	-1.17E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.40E-07	-1.40E-07	-1.40E-07	-1.40E-07	-1.40E-07	-1.40E-07	-1.40E-07	-1.40E-07

Licensee Comments:

1Q/11: Changed PRA parameters, to take affect 4/1/2011, to credit the Alternate AC (AAC) power supply for restoring high pressure injection in time to mitigate an RCP seal LOCA brought on by a loss of offsite power and it updates the loss of offsite power initiating event frequency and recovery curve.

3Q/10: Changed CDE MSPI coefficients and the MSPI Basis Document to adjust PRA modeling for a plant modification which added a second instrument air dryer and to update planned EDG online overhaul train unavailability.

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)	-1.56E-08	-9.51E-09	1.13E-09	1.02E-08	4.01E-09	-4.48E-09	-4.48E-09	-4.49E-09
URI (Δ CDF)	2.70E-07	2.70E-07	5.76E-07	5.76E-07	1.01E-07	1.01E-07	1.01E-07	1.01E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.50E-07	2.60E-07	5.80E-07	5.90E-07	1.10E-07	9.70E-08	9.70E-08	9.70E-08

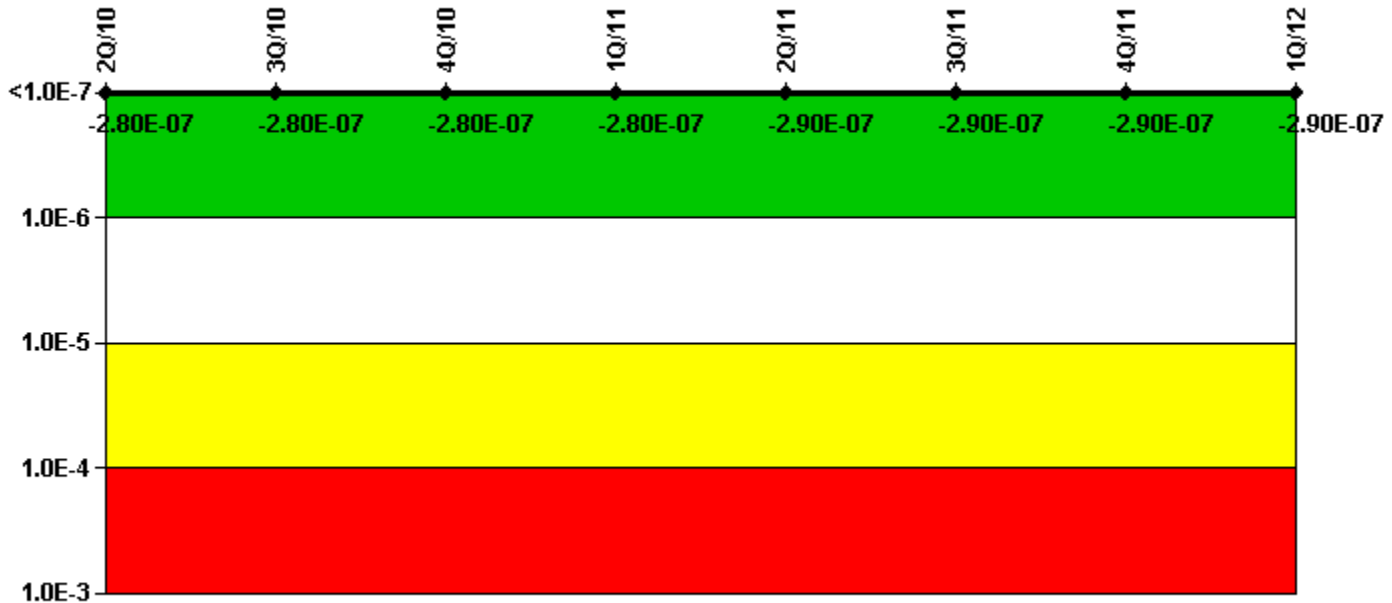
Licensee Comments:

1Q/11: Changed PRA parameters, to take affect 4/1/2011, to credit the Alternate AC (AAC) power supply for restoring high pressure injection in time to mitigate an RCP seal LOCA brought on by a loss of offsite power and it updates the loss of offsite power initiating event frequency and recovery curve

3Q/10: Changed CDE MSPI coefficients and the MSPI Basis Document to adjust PRA modeling for a plant modification which added a second instrument air dryer and to update planned EDG online overhaul train unavailability.

2Q/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/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (Δ CDF)	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-2.78E-08	-2.78E-08	-2.78E-08	-2.78E-08
URI (Δ CDF)	-2.48E-07	-2.48E-07	-2.49E-07	-2.49E-07	-2.58E-07	-2.58E-07	-2.58E-07	-2.58E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.80E-07	-2.80E-07	-2.80E-07	-2.80E-07	-2.90E-07	-2.90E-07	-2.90E-07	-2.90E-07

Licensee Comments:

1Q/11: Changed PRA parameters, to take affect 4/1/2011, to credit the Alternate AC (AAC) power supply for restoring high pressure injection in time to mitigate an RCP seal LOCA brought on by a loss of offsite power and it updates the loss of offsite power initiating event frequency and recovery curve

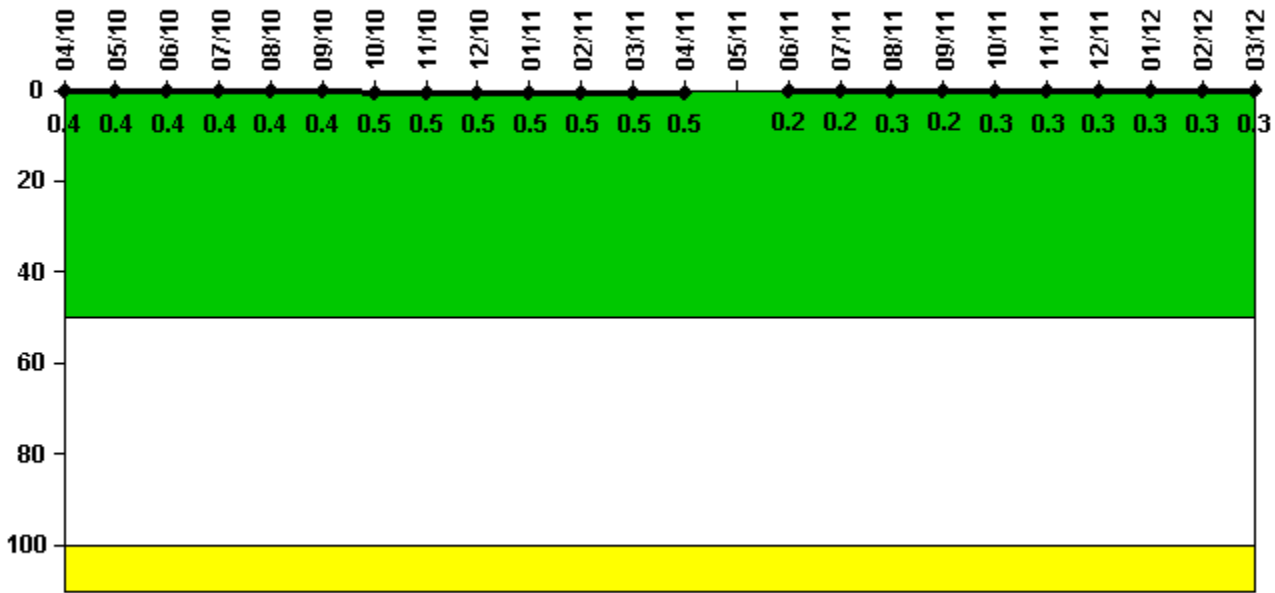
3Q/10: Changed PRA Parameter(s). Changed CDE MSPI coefficients and the MSPI Basis Document to adjust PRA modeling for a plant modification which added a second instrument air dryer and to update planned EDG online overhaul train unavailability.

2Q/10: Changed PRA Parameter(s).

2Q/10: Planned Unavailability for "B" Component Cooling Water was changed from 0.8 hrs. to 0.0 hours because the system was maintained functional during the maintenance activity.

2Q/10: Changed PRA Parameter(s). PRA production data inadvertently changes while performing "What If" analysis. PRA production data sunsequently revised to reflect correct data.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

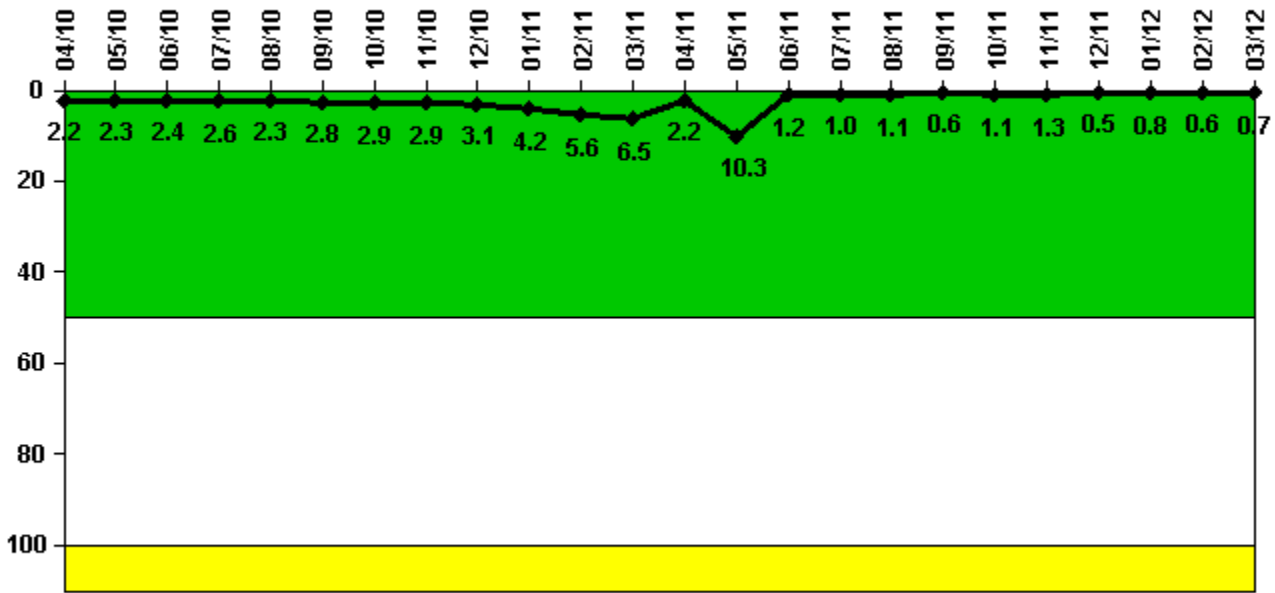
Notes

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	0.000228	0.000235	0.000253	0.000256	0.000248	0.000263	0.000270	0.000271	0.000291	0.000300	0.000322	0.000309
Technical specification limit	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Indicator value	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5
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	0.000313	N/A	0.000135	0.000139	0.000149	0.000147	0.000155	0.000164	0.000161	0.000170	0.000170	0.000175
Technical specification limit	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Indicator value	0.5	N/A	0.2	0.2	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3

Licensee Comments:

9/10: Reactor Coolant System Activity Technical Specification Limit of 1.0 was changed to currently used administrative limit of 0.059. This change dates back to April 2005

Reactor Coolant System Leakage



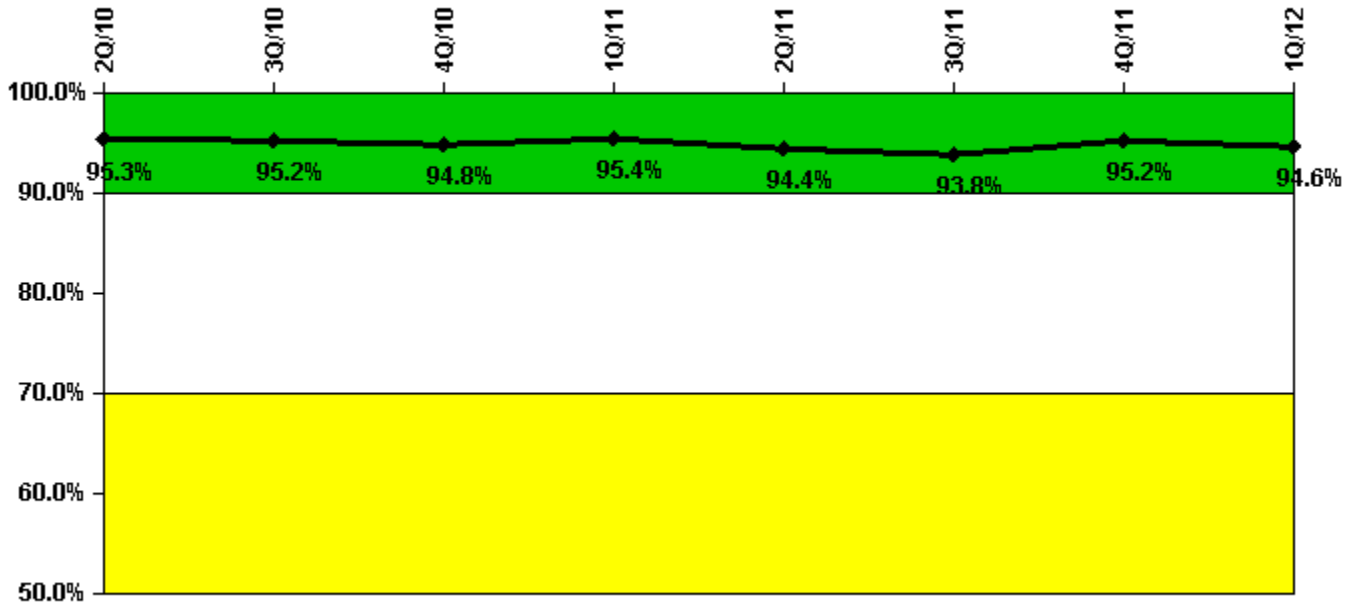
Thresholds: White > 50.0 Yellow > 100.0

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	0.220	0.230	0.240	0.260	0.230	0.280	0.290	0.290	0.310	0.420	0.560	0.650
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	2.2	2.3	2.4	2.6	2.3	2.8	2.9	2.9	3.1	4.2	5.6	6.5
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	0.220	1.030	0.120	0.100	0.110	0.060	0.110	0.130	0.050	0.080	0.060	0.070
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	2.2	10.3	1.2	1.0	1.1	0.6	1.1	1.3	0.5	0.8	0.6	0.7

Licensee Comments: none

Drill/Exercise Performance



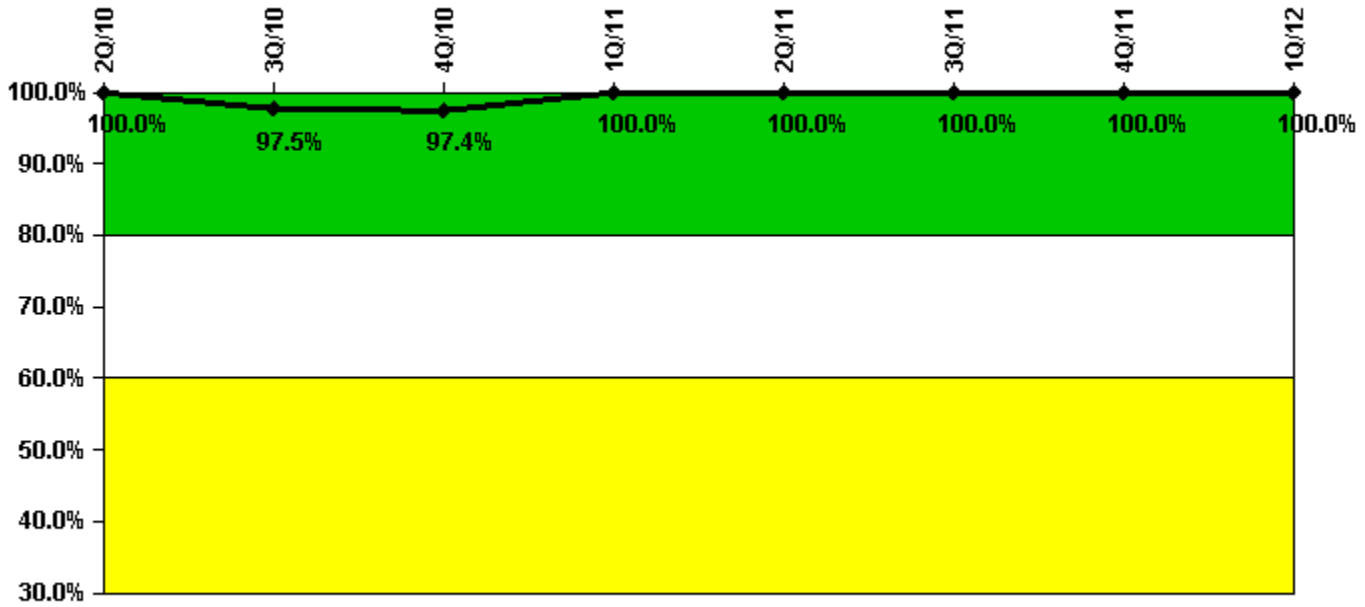
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Successful opportunities	15.0	2.0	23.0	10.0	15.0	30.0	46.0	52.0
Total opportunities	18.0	2.0	24.0	10.0	16.0	32.0	46.0	56.0
Indicator value	95.3%	95.2%	94.8%	95.4%	94.4%	93.8%	95.2%	94.6%

Licensee Comments: none

ERO Drill Participation



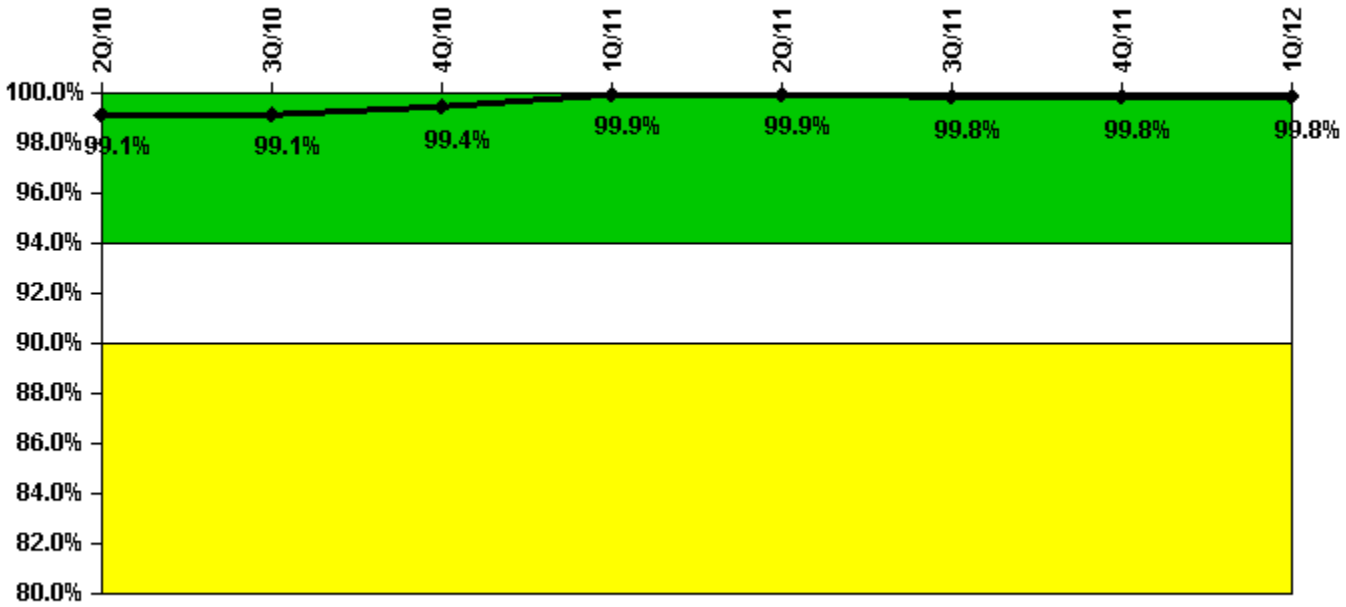
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Participating Key personnel	69.0	78.0	76.0	78.0	75.0	77.0	79.0	80.0
Total Key personnel	69.0	80.0	78.0	78.0	75.0	77.0	79.0	80.0
Indicator value	100.0%	97.5%	97.4%	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	742	846	636	847	741	844	742	846
Total sirens-tests	742	848	636	848	742	848	742	848
Indicator value	99.1%	99.1%	99.4%	99.9%	99.9%	99.8%	99.8%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



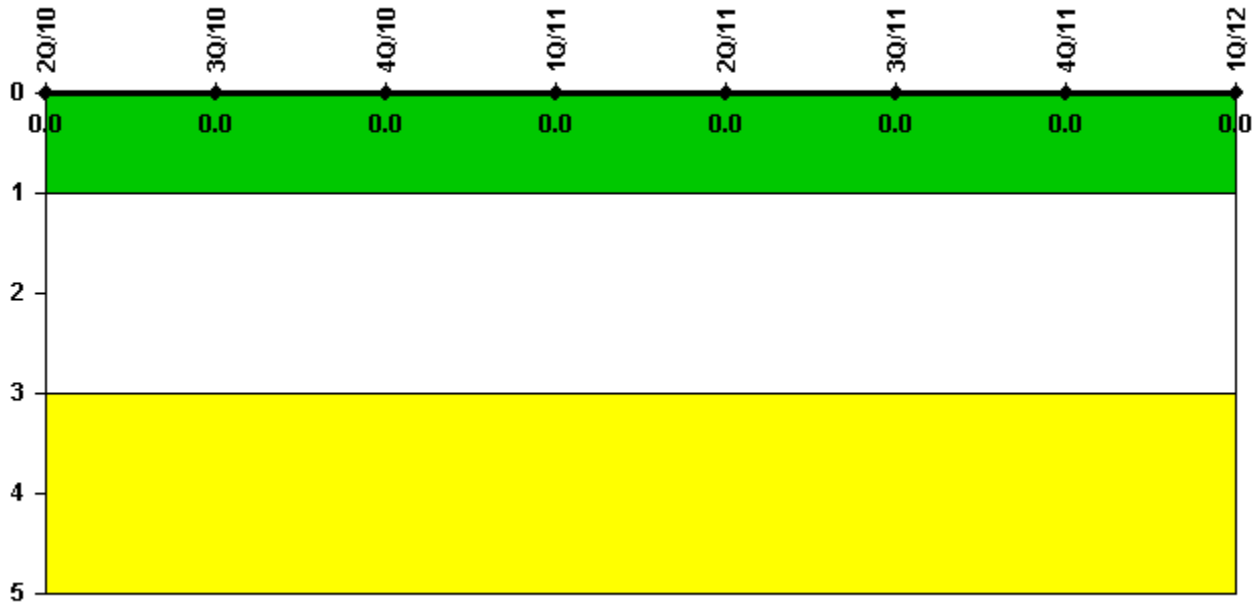
Thresholds: White > 2.0 Yellow > 5.0

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	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/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.