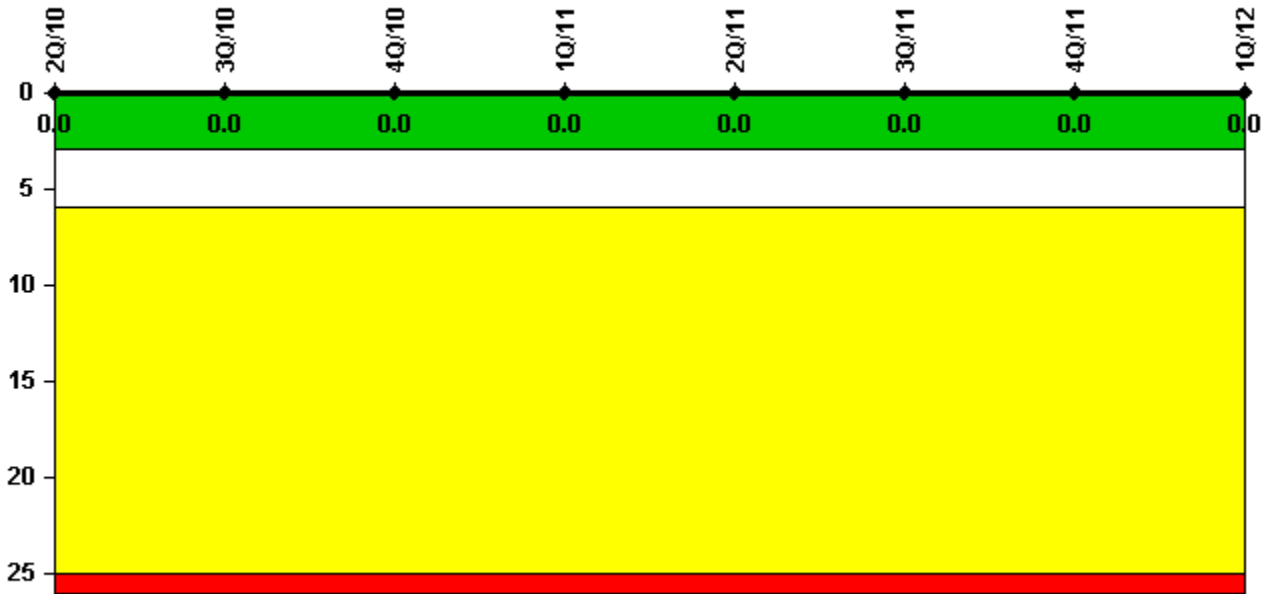


Peach Bottom 2

1Q/2012 Performance Indicators

Licensee's General Comments: Data correction for 2Qtr2010 through 4Qtr2011. No change in color threshold.

Unplanned Scrams per 7000 Critical Hrs



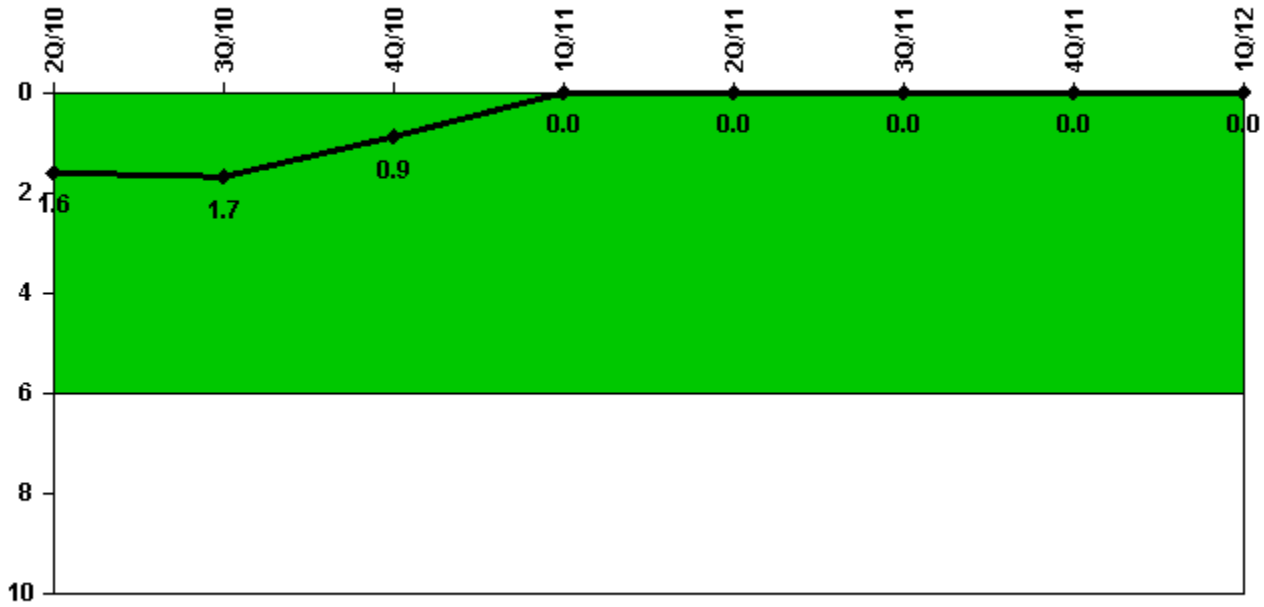
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1774.2	2064.2	2159.0	2184.0	2208.0	2209.0	2183.0
Indicator value	0	0	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	0	0	0	0	0
Critical hours	2184.0	1774.2	2064.2	2159.0	2184.0	2208.0	2209.0	2183.0
Indicator value	1.6	1.7	0.9	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



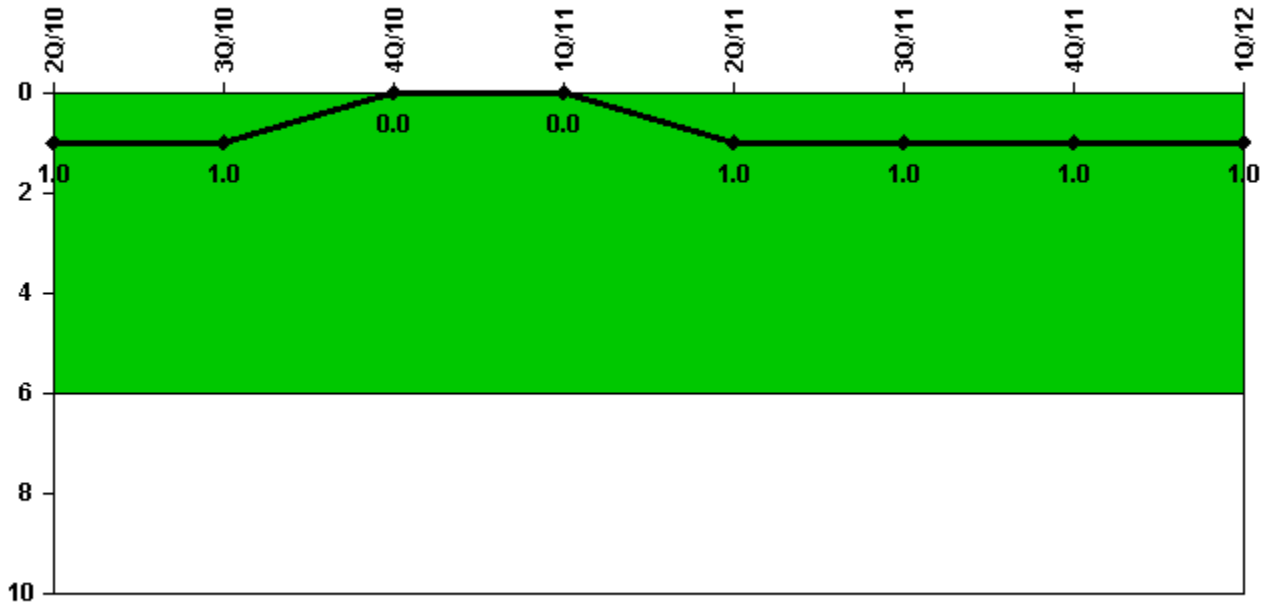
Thresholds: White > 1.0

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 (BWR)



Thresholds: White > 6.0

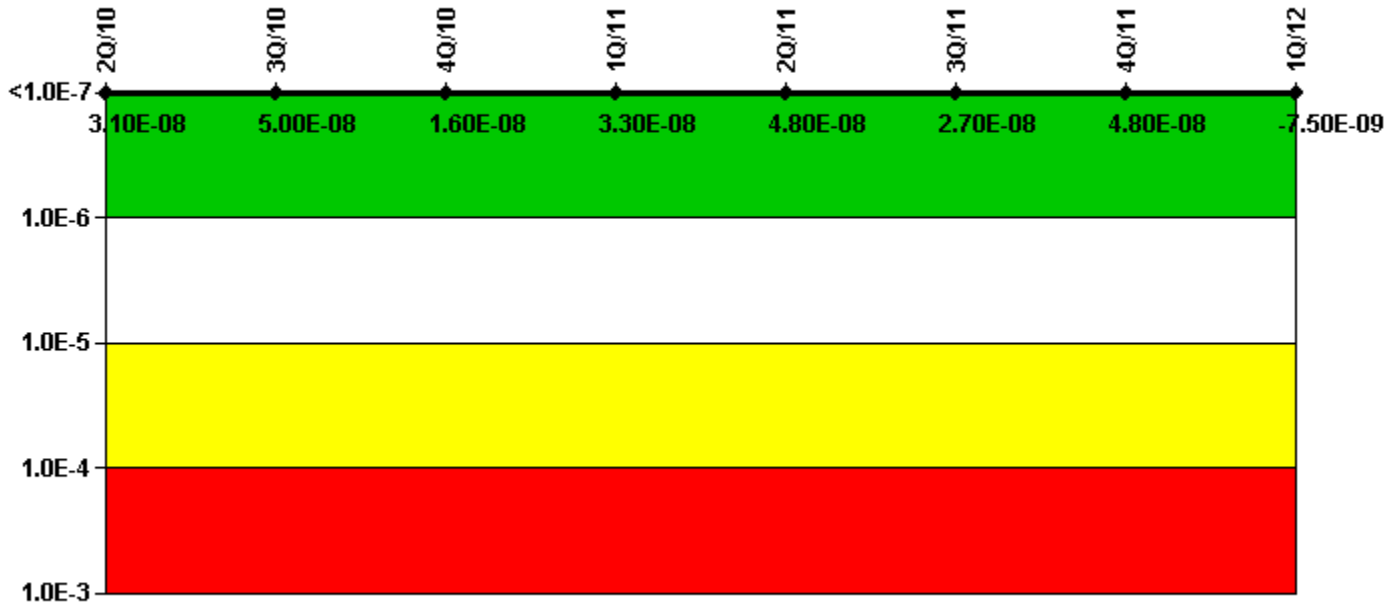
Notes

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

Licensee Comments:

2Q/11: LER 2-11-01

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)	-3.47E-09	-6.45E-09	-1.72E-08	3.57E-09	1.87E-08	-1.01E-08	1.18E-08	1.08E-08
URI (Δ CDF)	3.42E-08	5.60E-08	3.36E-08	2.92E-08	2.96E-08	3.76E-08	3.59E-08	-1.83E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.10E-08	5.00E-08	1.60E-08	3.30E-08	4.80E-08	2.70E-08	4.80E-08	-7.50E-09

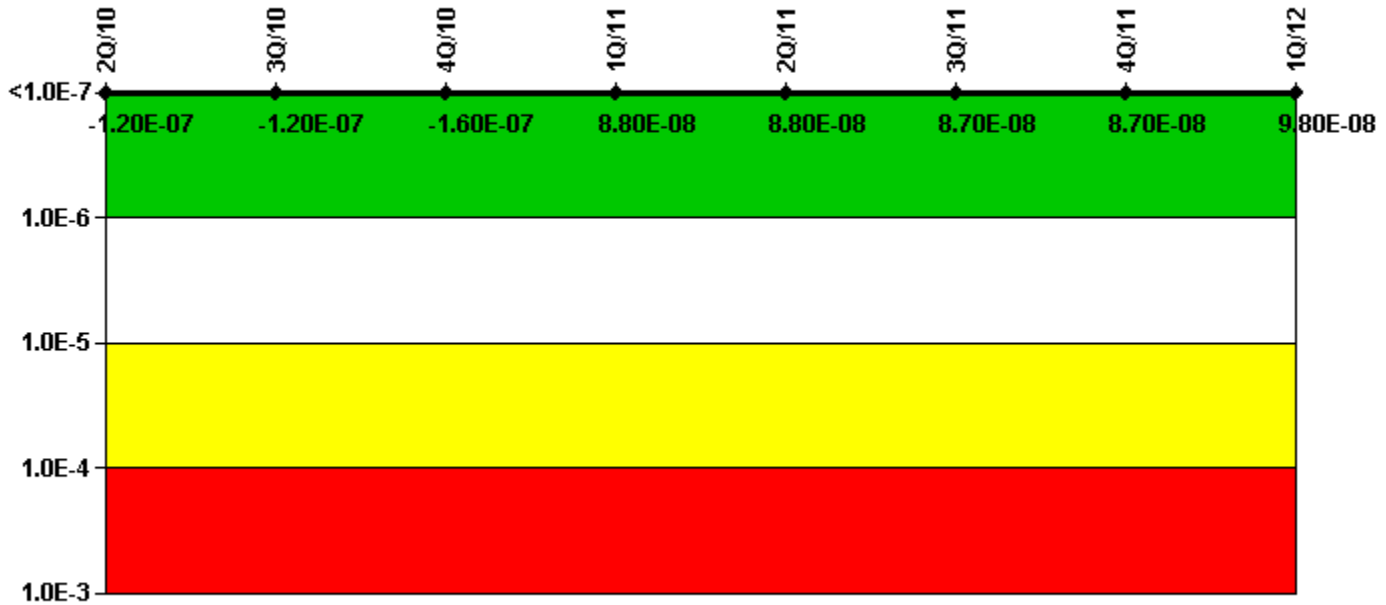
Licensee Comments:

1Q/11: Changed PRA Parameter(s). MSPI basis document revision 5 incorporates PRA updates for PBAPS U2 and U3 completed in the 3rd qtr 2010. MSPI PRA values for all impacted functions, device records and unit CDF have been revised IAW the values calculated in PB209A for U2 and PB309A for U3, respectively.

4Q/10: Changed PRA Parameter(s). PBAPS PRA MODEL UPDATE for 2010 was effective Q4 2010. Update PB209A/P309A has been incorporated into Revision 5 of the station MSPI Bases Document. All impacted Unit performance values have been updated as applicable effective 10/1/2010.

4Q/10: Changed PRA Parameter(s). PBAPS PRA MODEL UPDATE for 2010 was effective Q4 2010. Update PB209A/P309A has been incorporated into Revision 5 of the station MSPI Bases Document. All impacted Unit performance values have been updated as applicable effective 10/1/2010.

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)	-3.02E-08	-3.00E-08	-3.91E-08	-2.80E-08	-2.80E-08	-2.84E-08	-2.88E-08	-1.70E-08
URI (Δ CDF)	-8.54E-08	-8.54E-08	-1.25E-07	1.16E-07	1.16E-07	1.16E-07	1.16E-07	1.15E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.20E-07	-1.20E-07	-1.60E-07	8.80E-08	8.80E-08	8.70E-08	8.70E-08	9.80E-08

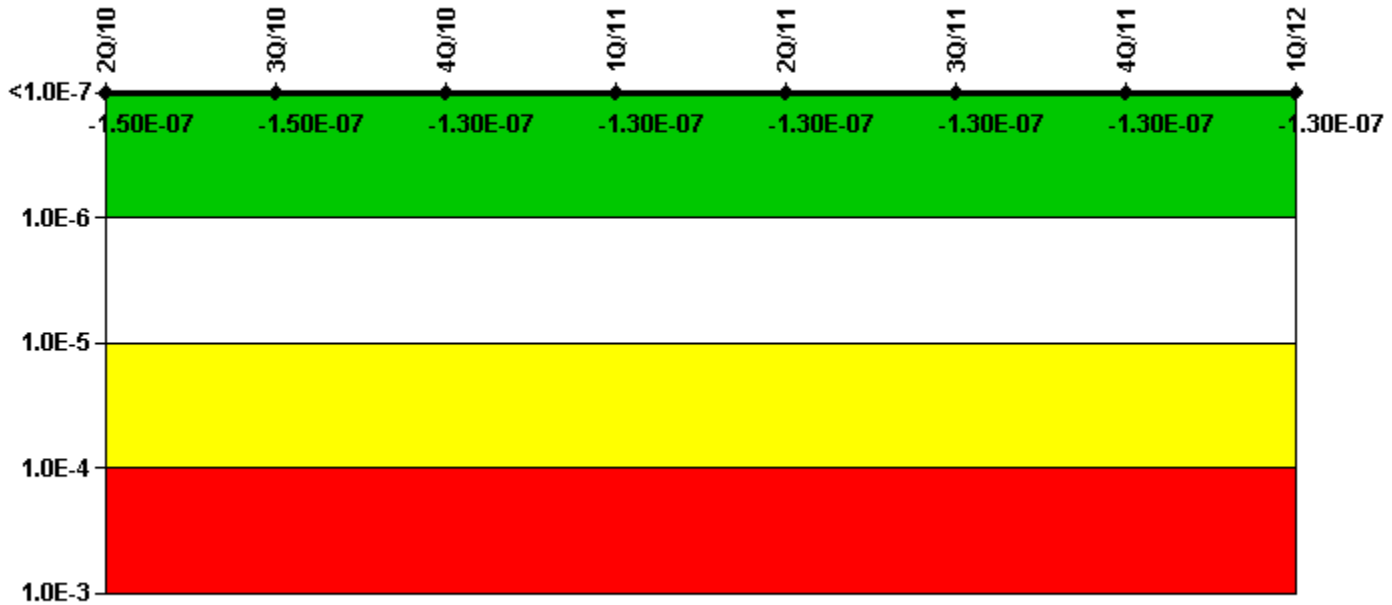
Licensee Comments:

1Q/11: Changed PRA Parameter(s). MSPI basis document revision 5 incorporates PRA updates for PBAPS U2 and U3 completed in the 3rd qtr 2010. MSPI PRA values for all impacted functions, device records and unit CDF have been revised IAW the values calculated in PB209A for U2 and PB309A for U3, respectively.

4Q/10: Changed PRA Parameter(s). PBAPS PRA MODEL UPDATE for 2010 was effective Q4 2010. Update PB209A/P309A has been incorporated into Revision 5 of the station MSPI Bases Document. All impacted Unit performance values have been updated as applicable effective 10/1/2010.

4Q/10: Changed PRA Parameter(s). PBAPS PRA MODEL UPDATE for 2010 was effective Q4 2010. Update PB209A/P309A has been incorporated into Revision 5 of the station MSPI Bases Document. All impacted Unit performance values have been updated as applicable effective 10/1/2010.

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)	-4.30E-08	-4.30E-08	-3.11E-08	-3.11E-08	-3.11E-08	-3.11E-08	-3.11E-08	-3.11E-08
URI (Δ CDF)	-1.04E-07	-1.04E-07	-9.60E-08	-9.63E-08	-9.65E-08	-9.68E-08	-9.70E-08	-9.73E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.50E-07	-1.50E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07

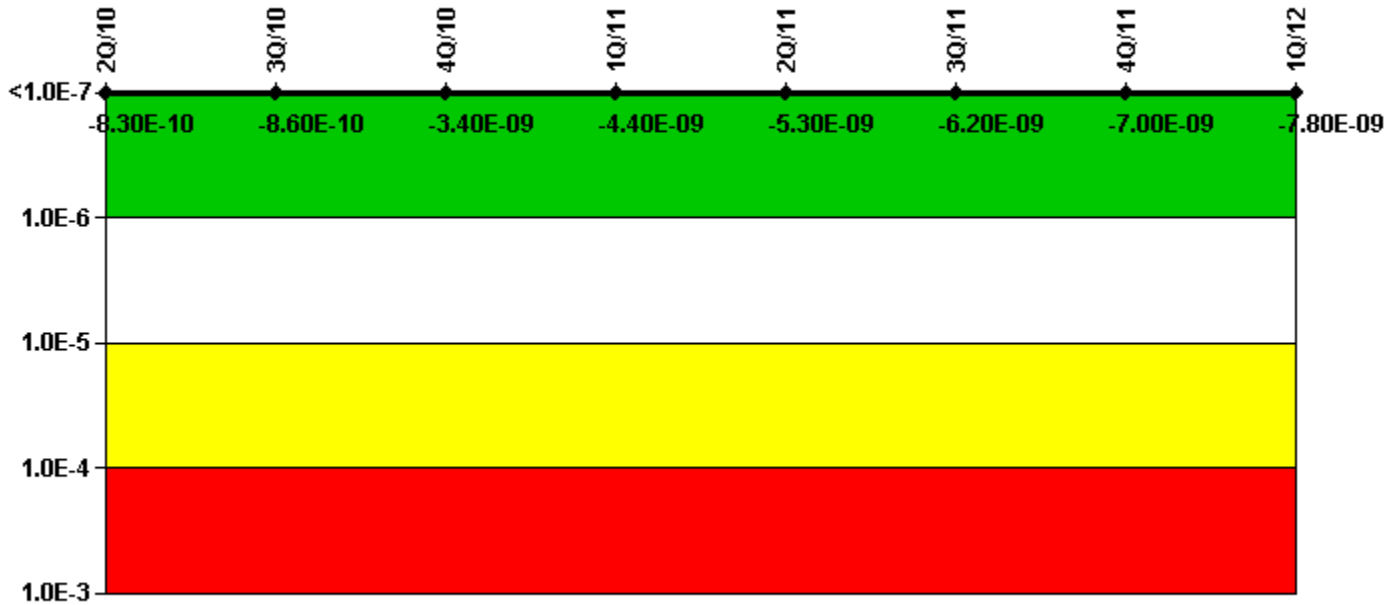
Licensee Comments:

1Q/11: Changed PRA Parameter(s). MSPI basis document revision 5 incorporates PRA updates for PBAPS U2 and U3 completed in the 3rd qtr 2010. MSPI PRA values for all impacted functions, device records and unit CDF have been revised IAW the values calculated in PB209A for U2 and PB309A for U3, respectively.

4Q/10: Changed PRA Parameter(s). PBAPS PRA MODEL UPDATE for 2010 was effective Q4 2010. Update PB209A/P309A has been incorporated into Revision 5 of the station MSPI Bases Document. All impacted Unit performance values have been updated as applicable effective 10/1/2010.

4Q/10: Changed PRA Parameter(s). PBAPS PRA MODEL UPDATE for 2010 was effective Q4 2010. Update PB209A/P309A has been incorporated into Revision 5 of the station MSPI Bases Document. All impacted Unit performance values have been updated as applicable effective 10/1/2010.

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)	1.19E-10	9.37E-11	-2.19E-10	-2.17E-10	-2.17E-10	-3.09E-10	-3.04E-10	-3.04E-10
URI (Δ CDF)	-9.52E-10	-9.52E-10	-3.21E-09	-4.19E-09	-5.09E-09	-5.94E-09	-6.72E-09	-7.46E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-8.30E-10	-8.60E-10	-3.40E-09	-4.40E-09	-5.30E-09	-6.20E-09	-7.00E-09	-7.80E-09

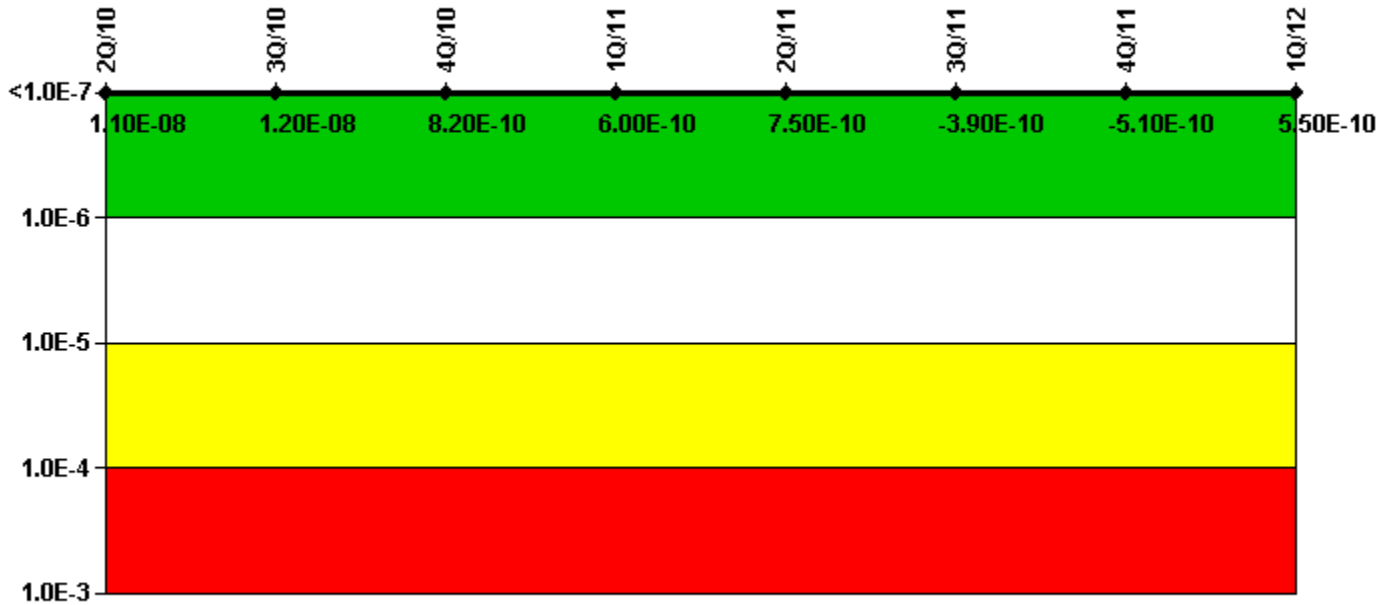
Licensee Comments:

1Q/11: Changed PRA Parameter(s). MSPI basis document revision 5 incorporates PRA updates for PBAPS U2 and U3 completed in the 3rd qtr 2010. MSPI PRA values for all impacted functions, device records and unit CDF have been revised IAW the values calculated in PB209A for U2 and PB309A for U3, respectively.

4Q/10: Changed PRA Parameter(s). PBAPS PRA MODEL UPDATE for 2010 was effective Q4 2010. Update PB209A/P309A has been incorporated into Revision 5 of the station MSPI Bases Document. All impacted Unit performance values have been updated as applicable effective 10/1/2010.

4Q/10: Changed PRA Parameter(s). PBAPS PRA MODEL UPDATE for 2010 was effective Q4 2010. Update PB209A/P309A has been incorporated into Revision 5 of the station MSPI Bases Document. All impacted Unit performance values have been updated as applicable effective 10/1/2010.

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 (ΔCDF)	1.49E-08	1.90E-08	2.68E-09	2.45E-09	2.60E-09	1.46E-09	1.34E-09	2.40E-09
URI (ΔCDF)	-3.87E-09	-7.00E-09	-1.85E-09	-1.85E-09	-1.85E-09	-1.85E-09	-1.85E-09	-1.85E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.10E-08	1.20E-08	8.20E-10	6.00E-10	7.50E-10	-3.90E-10	-5.10E-10	5.50E-10

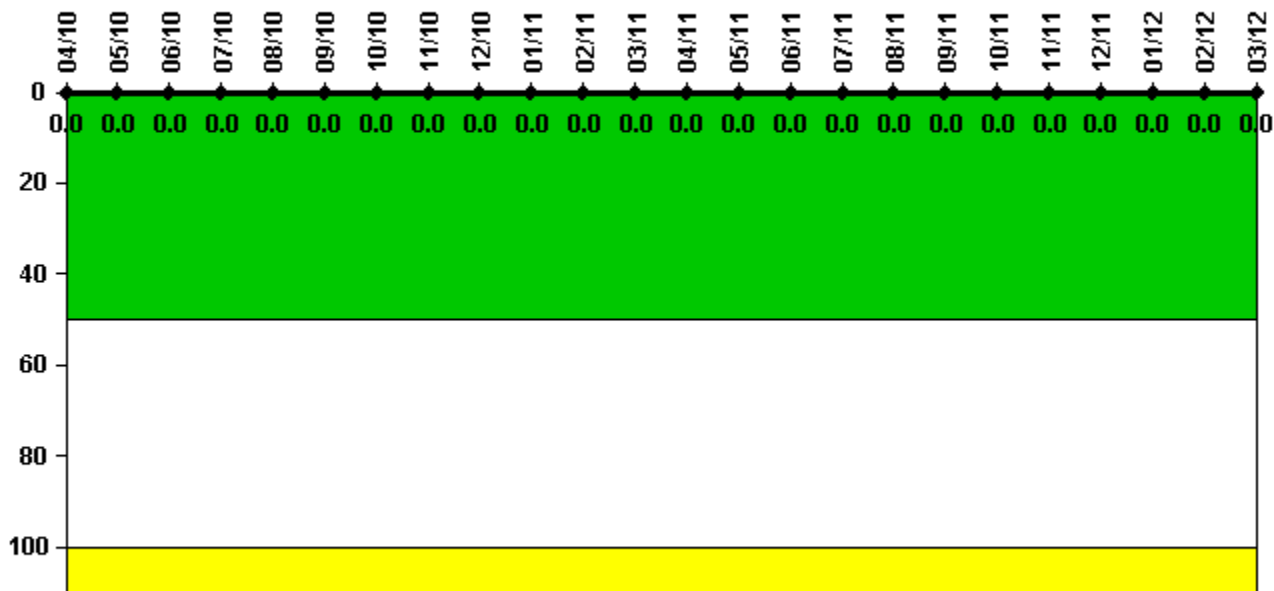
Licensee Comments:

1Q/11: Changed PRA Parameter(s). MSPI basis document revision 5 incorporates PRA updates for PBAPS U2 and U3 completed in the 3rd qtr 2010. MSPI PRA values for all impacted functions, device records and unit CDF have been revised IAW the values calculated in PB209A for U2 and PB309A for U3, respectively.

4Q/10: Changed PRA Parameter(s). PBAPS PRA MODEL UPDATE for 2010 was effective Q4 2010. Update PB209A/P309A has been incorporated into Revision 5 of the station MSPI Bases Document. All impacted Unit performance values have been updated as applicable effective 10/1/2010.

4Q/10: Changed PRA Parameter(s). PBAPS PRA MODEL UPDATE for 2010 was effective Q4 2010. Update PB209A/P309A has been incorporated into Revision 5 of the station MSPI Bases Document. All impacted Unit performance values have been updated as applicable effective 10/1/2010.

Reactor Coolant System Activity



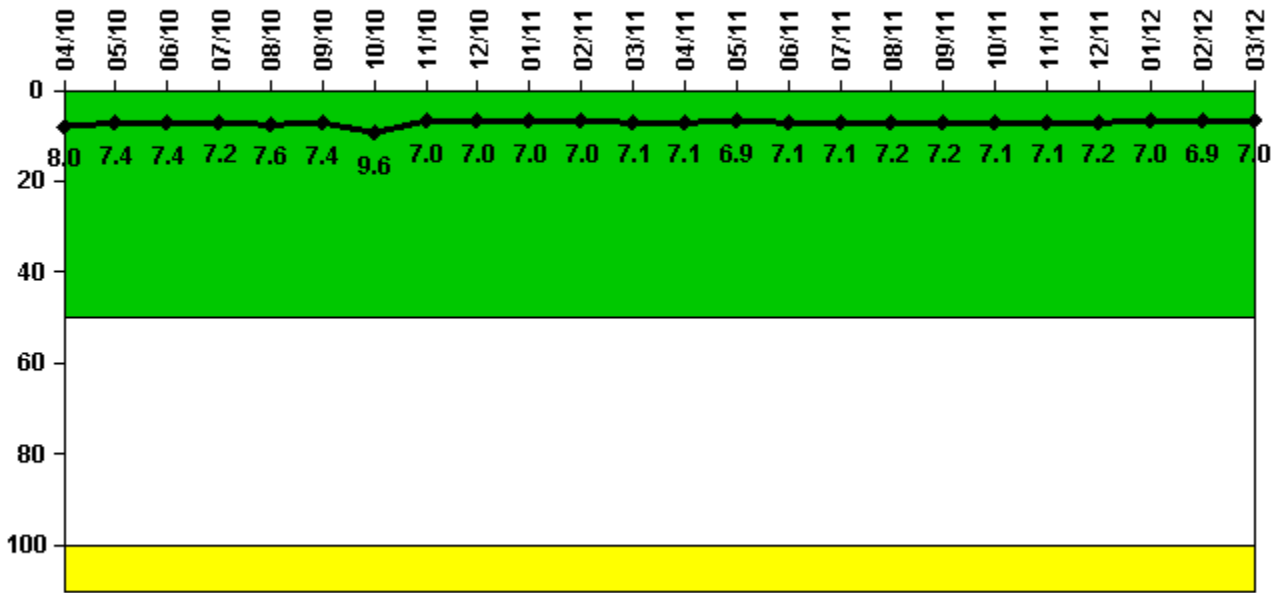
Thresholds: White > 50.0 Yellow > 100.0

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	0.000028	0.000037	0.000051	0.000038	0.000038	0.000046	0.000024	0.000021	0.000022	0.000022	0.000029	0.000061
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	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12
Maximum activity	0.000022	0.000023	0.000023	0.000025	0.000024	0.000022	0.000027	0.000023	0.000022	0.000022	0.000020	0.000027
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



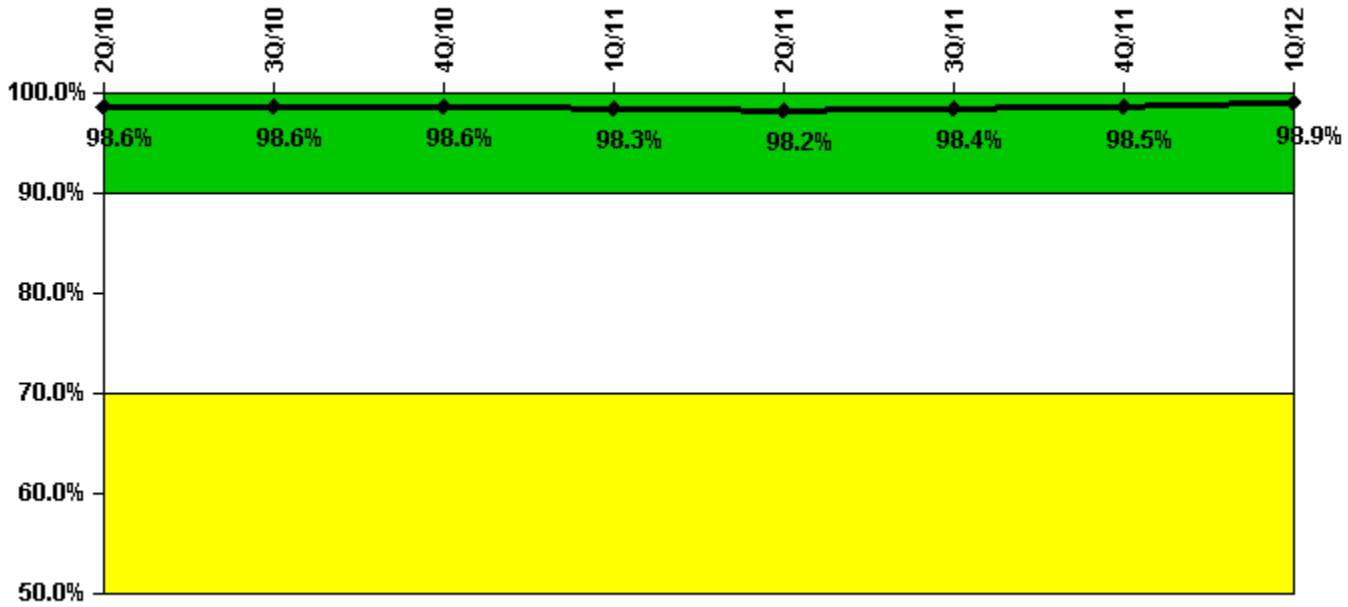
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11
Maximum leakage	2.000	1.840	1.840	1.810	1.890	1.850	2.400	1.750	1.740	1.740	1.740	1.780
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	8.0	7.4	7.4	7.2	7.6	7.4	9.6	7.0	7.0	7.0	7.0	7.1
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	1.780	1.720	1.780	1.780	1.790	1.790	1.780	1.780	1.790	1.740	1.720	1.750
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	7.1	6.9	7.1	7.1	7.2	7.2	7.1	7.1	7.2	7.0	6.9	7.0

Licensee Comments: none

Drill/Exercise Performance



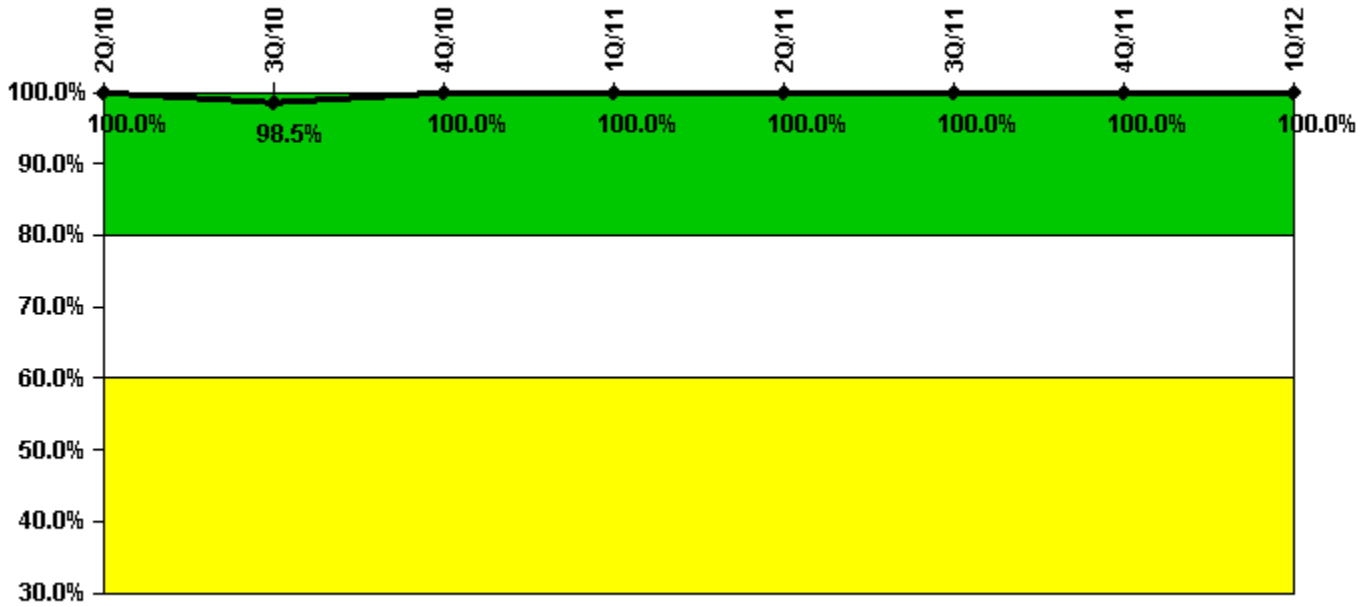
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Successful opportunities	57.0	20.0	28.0	70.0	26.0	19.0	36.0	93.0
Total opportunities	57.0	20.0	28.0	73.0	27.0	19.0	36.0	93.0
Indicator value	98.6%	98.6%	98.6%	98.3%	98.2%	98.4%	98.5%	98.9%

Licensee Comments: none

ERO Drill Participation



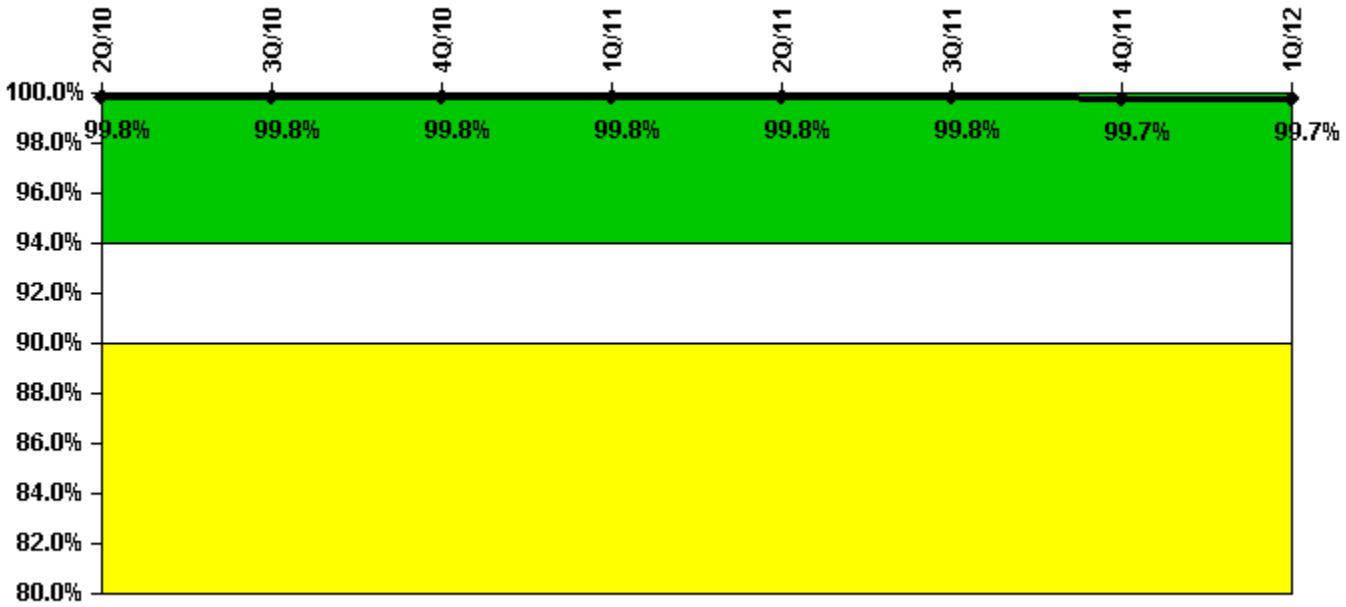
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Participating Key personnel	68.0	65.0	67.0	66.0	67.0	61.0	67.0	71.0
Total Key personnel	68.0	66.0	67.0	66.0	67.0	61.0	67.0	71.0
Indicator value	100.0%	98.5%	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/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Successful siren-tests	1260	1255	1259	1260	1259	1254	1257	1258
Total sirens-tests	1261	1261	1261	1261	1261	1261	1261	1261
Indicator value	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.7%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



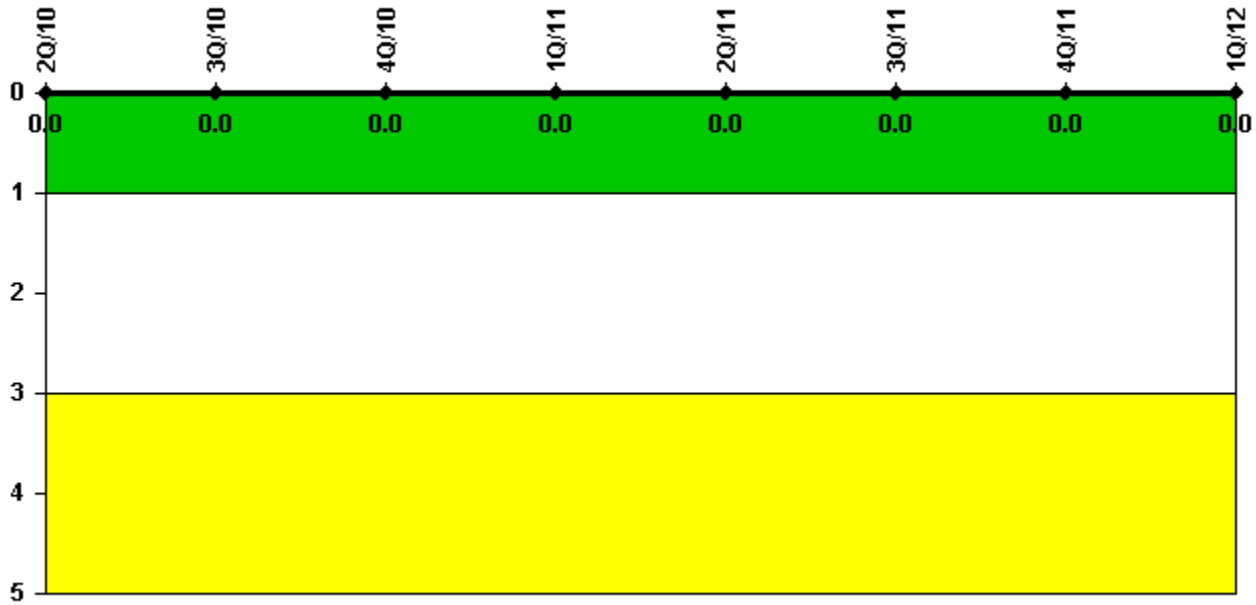
Thresholds: White > 2.0 Yellow > 5.0

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.