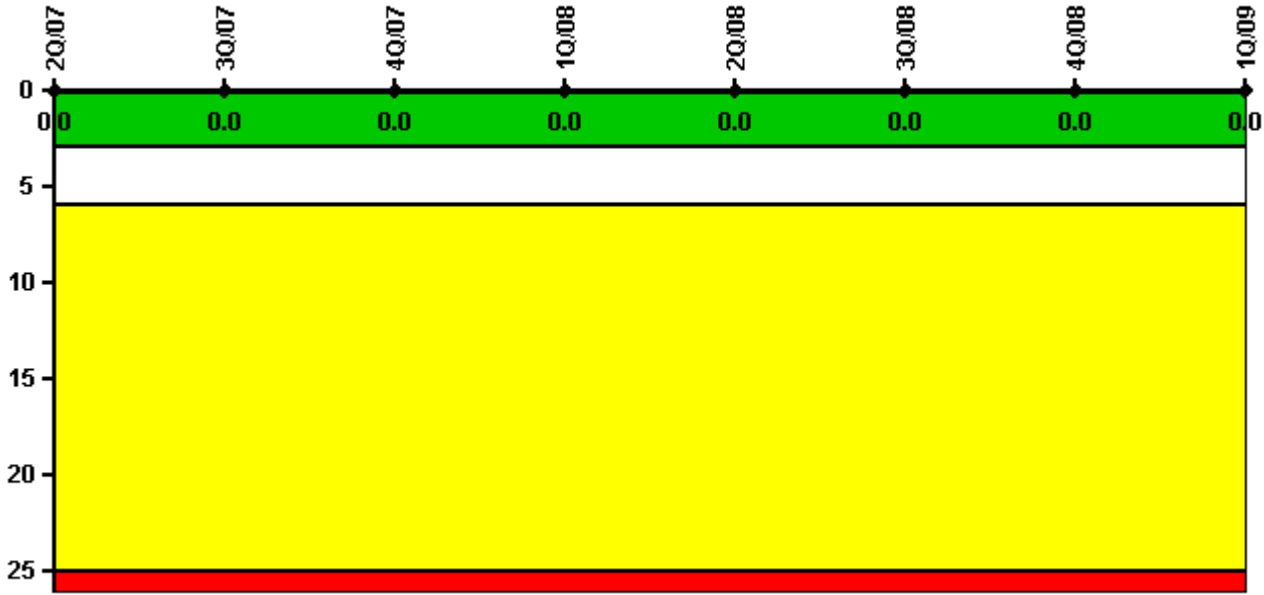


San Onofre 3

1Q/2009 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



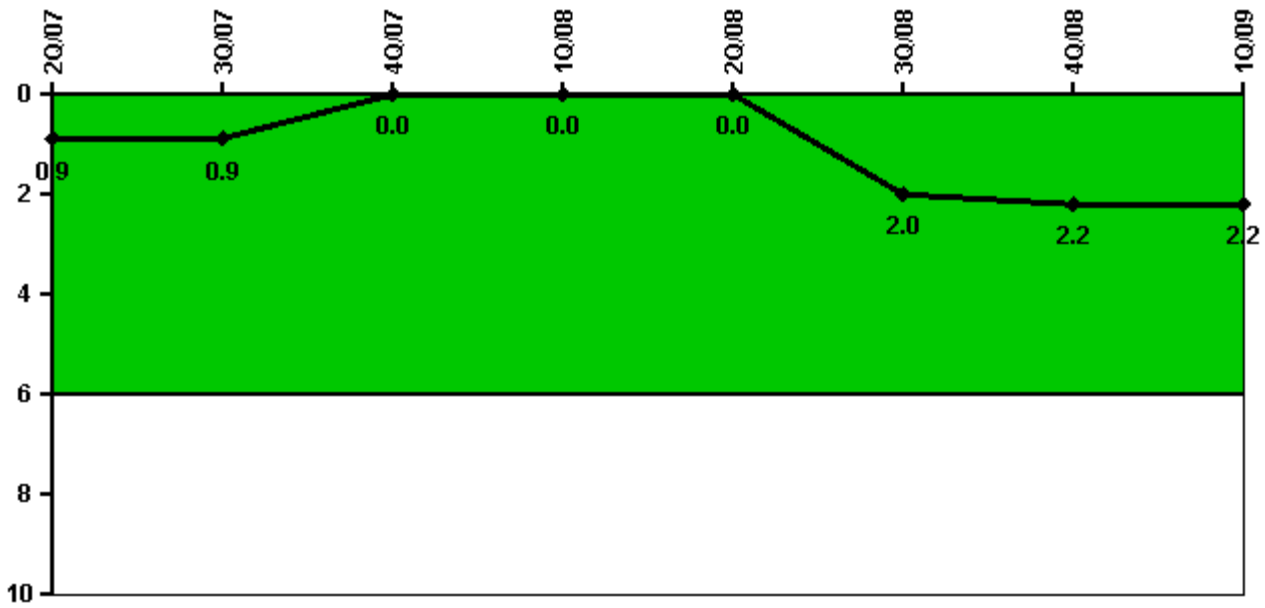
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2184.0	2208.0	1474.5	2183.0	1546.7	1970.1	682.2	2159.0
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/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Unplanned power changes	0	0	0	0	0	2.0	0	0
Critical hours	2184.0	2208.0	1474.5	2183.0	1546.7	1970.1	682.2	2159.0
Indicator value	0.9	0.9	0	0	0	2.0	2.2	2.2

Licensee Comments: none

Unplanned Scrams with Complications



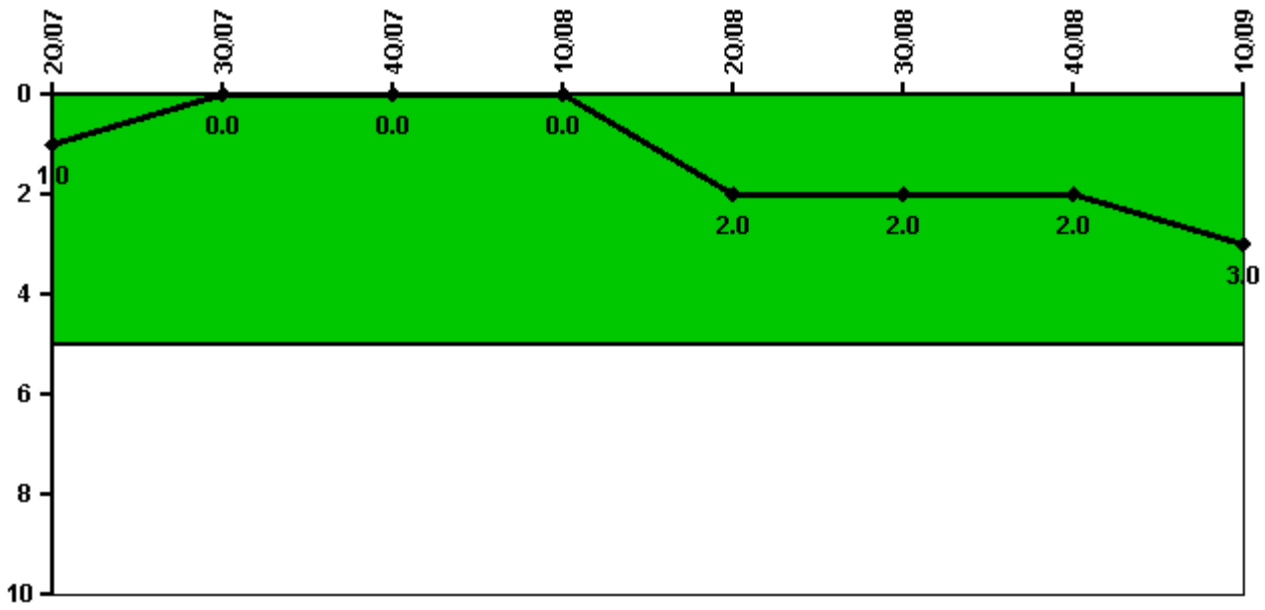
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
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

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

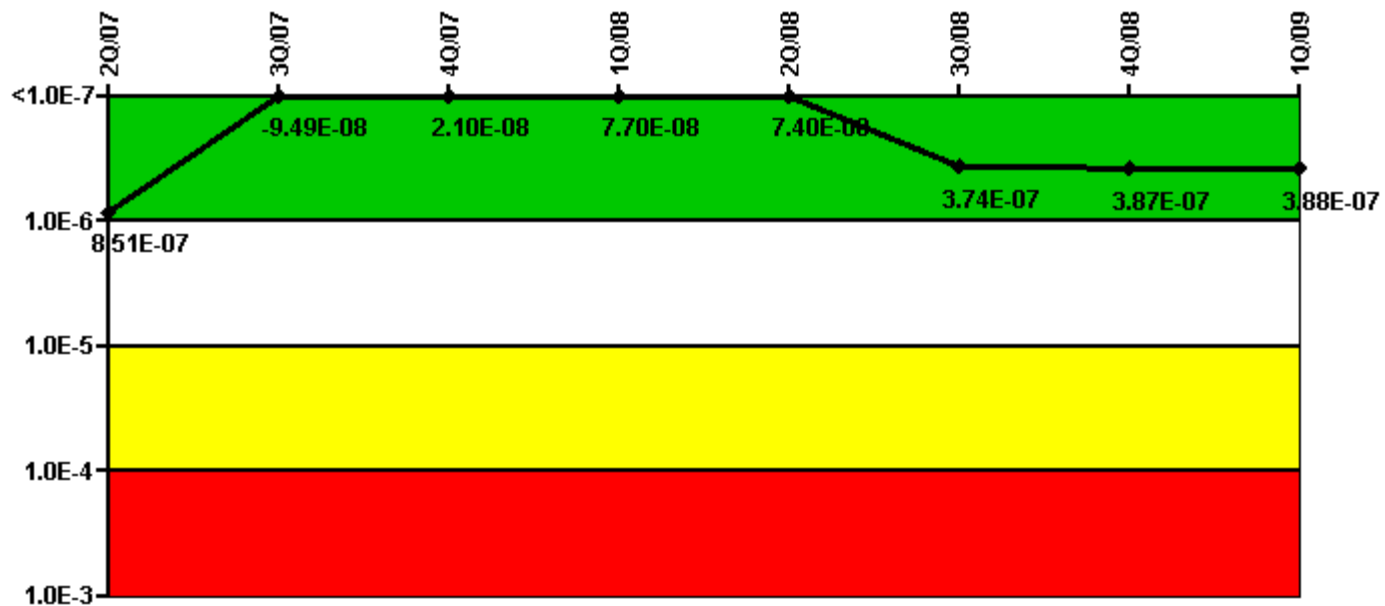
Notes

Safety System Functional Failures (PWR)	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Safety System Functional Failures	0	0	0	0	2	0	0	1
Indicator value	1	0	0	0	2	2	2	3

Licensee Comments:

1Q/09: LER 2-2007-006.

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/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI (ΔCDF)	2.10E-08	-6.90E-09	3.40E-08	4.50E-08	4.20E-08	8.40E-08	9.70E-08	9.80E-08
URI (ΔCDF)	8.30E-07	-8.80E-08	-1.30E-08	3.20E-08	3.20E-08	2.90E-07	2.90E-07	2.90E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	8.51E-07	-9.49E-08	2.10E-08	7.70E-08	7.40E-08	3.74E-07	3.87E-07	3.88E-07

Licensee Comments:

1Q/09: Changed PRA Parameter(s).

4Q/08: Changed PRA Parameter(s). From 2Q06 through 4Q08, MSPI coefficients were changed quarterly to be consistent with routine changes to the living Probabilistic Risk Assessment model. Analysis of the most significant changes submitted in 4Q07 indicated the changes did not affect color of the PIs. In 1Q09, data in the INPO Consolidated Data Entry (CDE) system for 3Q07 through 4Q08 were changed in error then corrected to the original values. The change file generated by the CDE for submittal to the NRC displays the MSPI values as being changed even though there was no change. These errors had no impact on color of the MSPI.

3Q/08: Changed PRA Parameter(s).

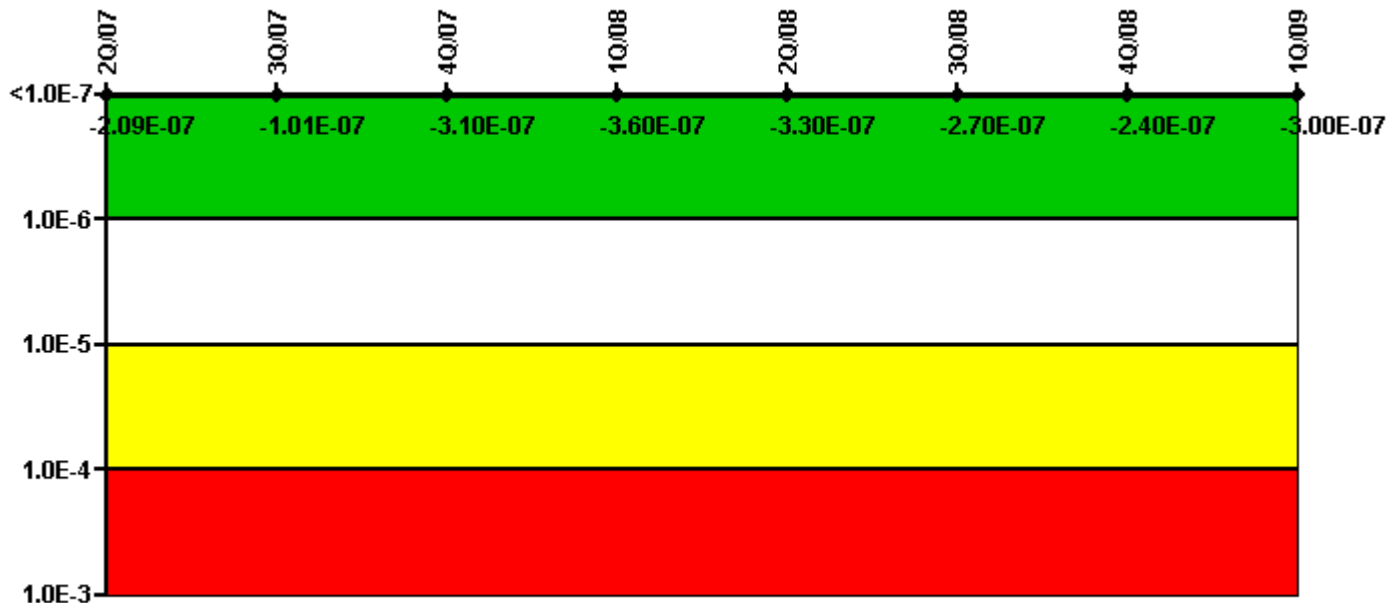
2Q/08: Changed PRA Parameter(s).

1Q/08: Changed PRA Parameter(s).

4Q/07: Changed PRA Parameter(s). PRA parameters (UR values) for emergency diesel generator used for 4Q07 MSPI MS06 were incorrect due to data entry error. Corrected value used for this change submittal is 16% higher than the incorrect value. This change did not affect the color of the MSPI.

3Q/07: Changed PRA Parameter(s).

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/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI (Δ CDF)	-1.10E-07	-1.90E-09	-1.80E-07	-2.30E-07	-2.00E-07	-1.30E-07	-1.10E-07	-1.70E-07
URI (Δ CDF)	-9.90E-08	-9.90E-08	-1.30E-07	-1.30E-07	-1.30E-07	-1.40E-07	-1.30E-07	-1.30E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.09E-07	-1.01E-07	-3.10E-07	-3.60E-07	-3.30E-07	-2.70E-07	-2.40E-07	-3.00E-07

Licensee Comments:

1Q/09: Changed PRA Parameter(s).

4Q/08: Changed PRA Parameter(s). From 2Q06 through 4Q08, MSPI coefficients were changed quarterly to be consistent with routine changes to the living Probabilistic Risk Assessment model. Analysis of the most significant changes submitted in 4Q07 indicated the changes did not affect color of the PIs. In 1Q09, data in the INPO Consolidated Data Entry (CDE) system for 3Q07 through 4Q08 were changed in error then corrected to the original values. The change file generated by the CDE for submittal to the NRC displays the MSPI values as being changed even though there was no change. These errors had no impact on color of the MSPI.

3Q/08: Changed PRA Parameter(s).

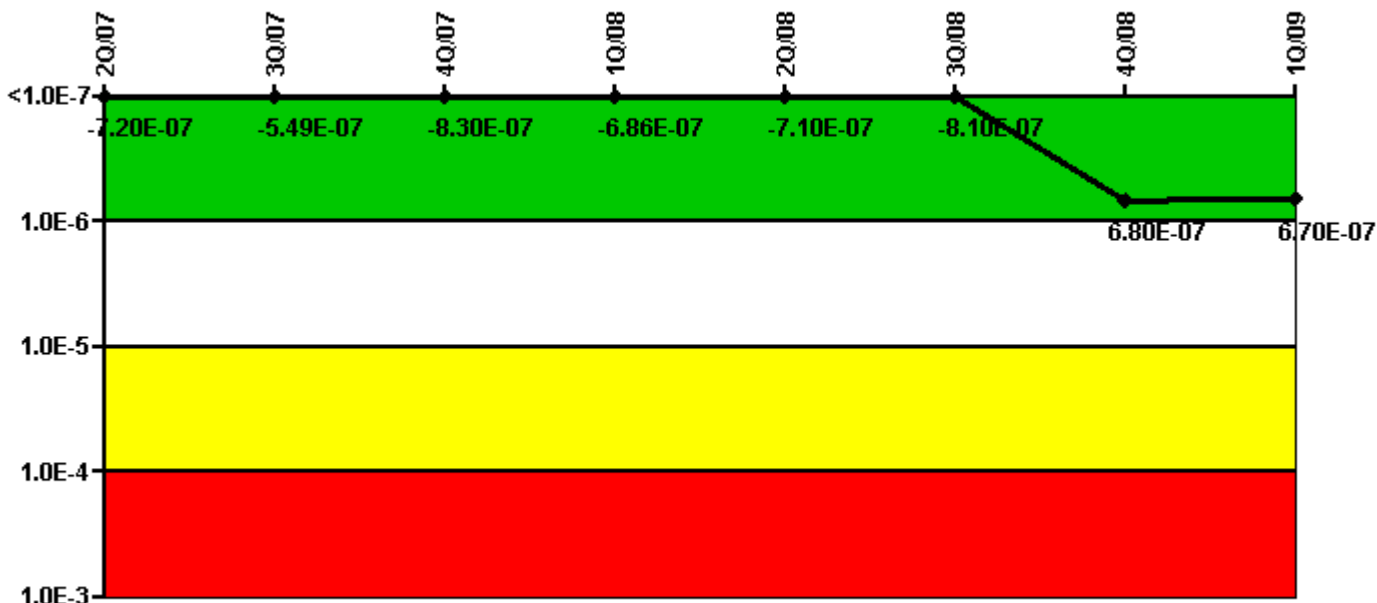
2Q/08: Changed PRA Parameter(s).

1Q/08: Changed PRA Parameter(s).

4Q/07: Changed PRA Parameter(s).

3Q/07: Changed PRA Parameter(s).

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/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI (Δ CDF)	-2.00E-07	-2.90E-08	-2.00E-07	-8.60E-08	-1.10E-07	-1.10E-07	2.20E-07	2.10E-07
URI (Δ CDF)	-5.20E-07	-5.20E-07	-6.30E-07	-6.00E-07	-6.00E-07	-7.00E-07	4.60E-07	4.60E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-7.20E-07	-5.49E-07	-8.30E-07	-6.86E-07	-7.10E-07	-8.10E-07	6.80E-07	6.70E-07

Licensee Comments:

1Q/09: Changed PRA Parameter(s).

4Q/08: Changed PRA Parameter(s). From 2Q06 through 4Q08, MSPI coefficients were changed quarterly to be consistent with routine changes to the living Probabilistic Risk Assessment model. Analysis of the most significant changes submitted in 4Q07 indicated the changes did not affect color of the PIs. In 1Q09, data in the INPO Consolidated Data Entry (CDE) system for 3Q07 through 4Q08 were changed in error then corrected to the original values. The change file generated by the CDE for submittal to the NRC displays the MSPI values as being changed even though there was no change. These errors had no impact on color of the MSPI. Frequently Asked Question (FAQ) was submitted on March 6, 2009, in accordance with NEI 99-02. Based on April 15, 2009 FAQ review, the failure of the turbine auxiliary feedwater pump fuse on December 19, 2008, was added as a failure resulting in a change to MS08 for 4Q08. This change did not affect color of the MSPI.

3Q/08: Changed PRA Parameter(s).

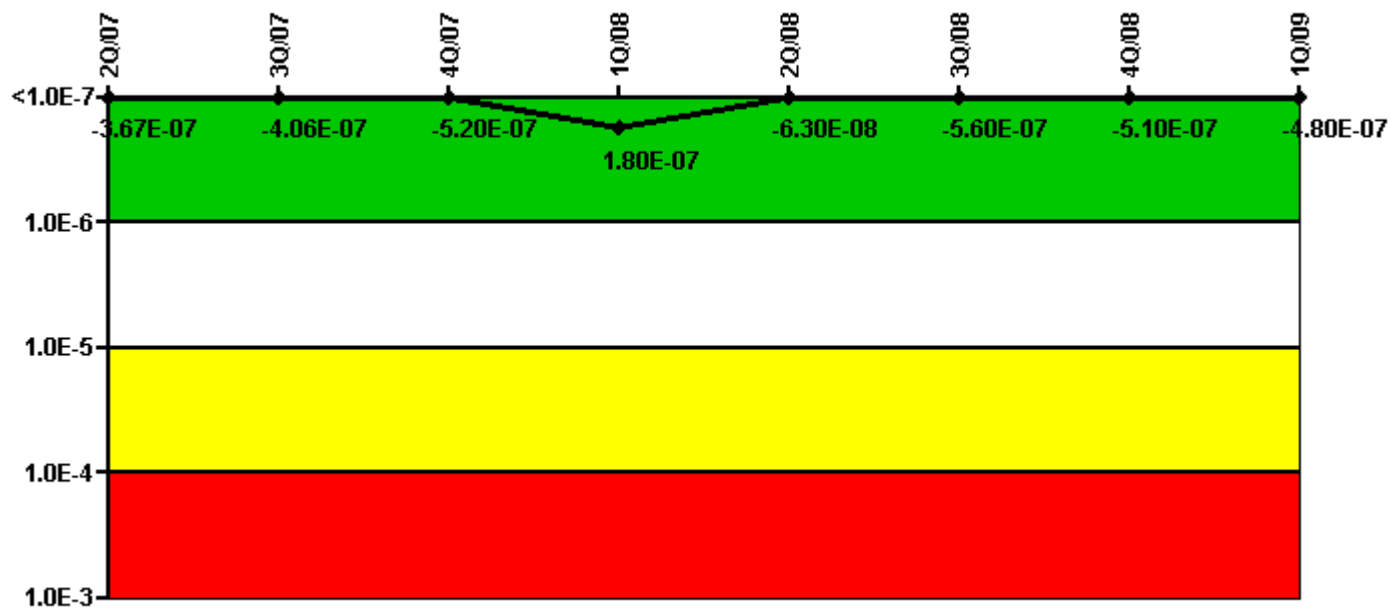
2Q/08: Changed PRA Parameter(s).

1Q/08: Changed PRA Parameter(s).

4Q/07: Changed PRA Parameter(s).

3Q/07: Changed PRA Parameter(s).

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/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI (Δ CDF)	$-2.80E-07$	$-3.20E-07$	$-4.10E-07$	$2.90E-07$	$4.70E-08$	$-4.40E-07$	$-3.90E-07$	$-3.60E-07$
URI (Δ CDF)	$-8.70E-08$	$-8.60E-08$	$-1.10E-07$	$-1.10E-07$	$-1.10E-07$	$-1.20E-07$	$-1.20E-07$	$-1.20E-07$
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	$-3.67E-07$	$-4.06E-07$	$-5.20E-07$	$1.80E-07$	$-6.30E-08$	$-5.60E-07$	$-5.10E-07$	$-4.80E-07$

Licensee Comments:

1Q/09: Changed PRA Parameter(s).

4Q/08: Changed PRA Parameter(s). From 2Q06 through 4Q08, MSPI coefficients were changed quarterly to be consistent with routine changes to the living Probabilistic Risk Assessment model. Analysis of the most significant

changes submitted in 4Q07 indicated the changes did not affect color of the PIs. In 1Q09, data in the INPO Consolidated Data Entry (CDE) system for 3Q07 through 4Q08 were changed in error then corrected to the original values. The change file generated by the CDE for submittal to the NRC displays the MSPI values as being changed even though there was no change. These errors had no impact on color of the MSPI.

3Q/08: Changed PRA Parameter(s).

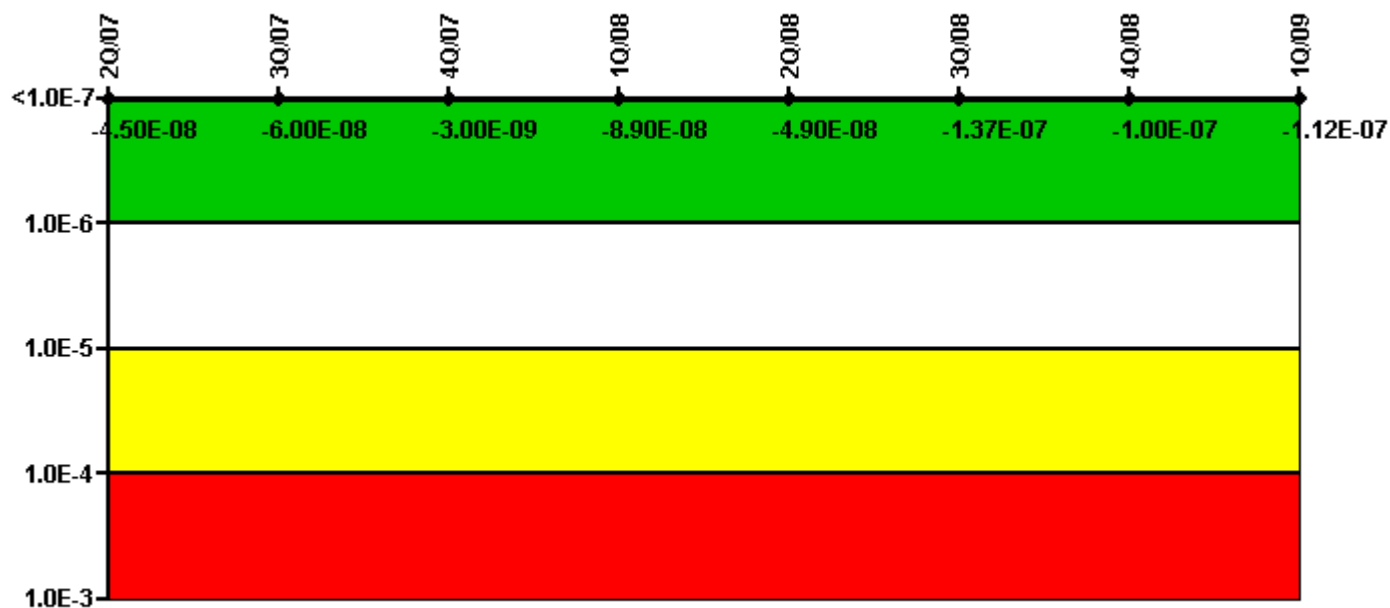
2Q/08: Changed PRA Parameter(s).

1Q/08: Changed PRA Parameter(s).

4Q/07: Changed PRA Parameter(s).

3Q/07: 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/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI (ΔCDF)	3.20E-08	1.70E-08	7.30E-08	-3.80E-11	4.00E-08	2.30E-08	5.00E-08	3.80E-08
URI (ΔCDF)	-7.70E-08	-7.70E-08	-7.60E-08	-8.90E-08	-8.90E-08	-1.60E-07	-1.50E-07	-1.50E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.50E-08	-6.00E-08	-3.00E-09	-8.90E-08	-4.90E-08	-1.37E-07	-1.00E-07	-1.12E-07

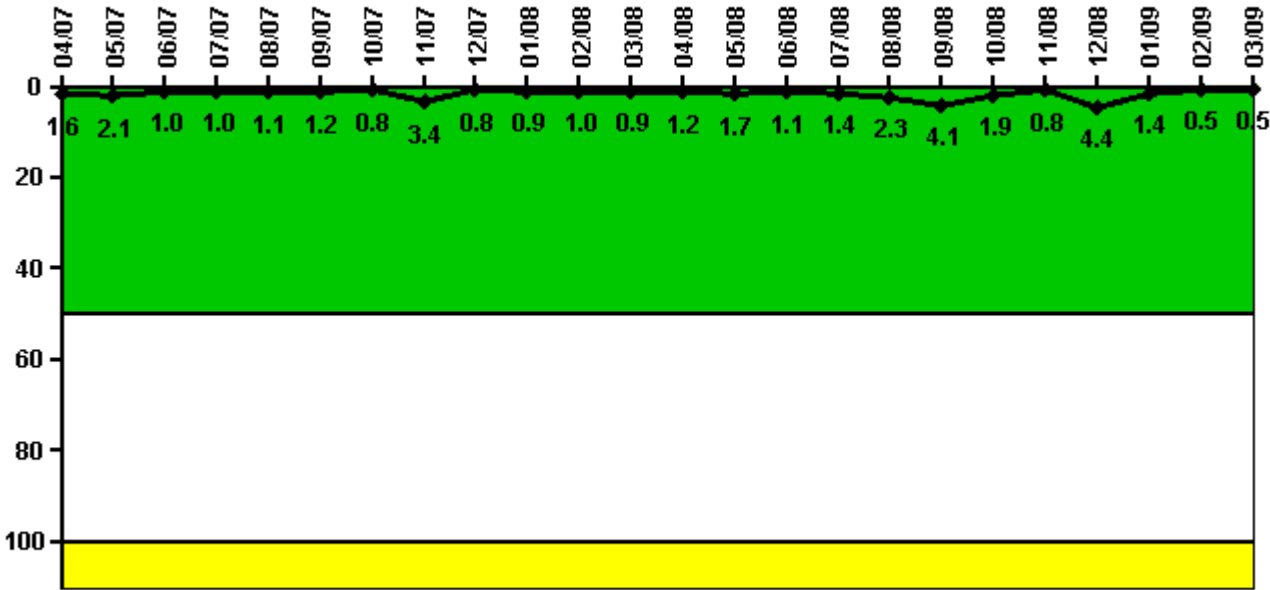
Licensee Comments:

1Q/09: Changed PRA Parameter(s).

Indicator value	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Reactor Coolant System Activity	4/08	5/08	6/08	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09
Maximum activity	0.000725	N/A	0.000979	0.000921	0.000845	0.001060	N/A	N/A	0.000309	0.000369	0.000342	0.000442
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	0.1	N/A	0.1	0.1	0.1	0.1	N/A	N/A	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

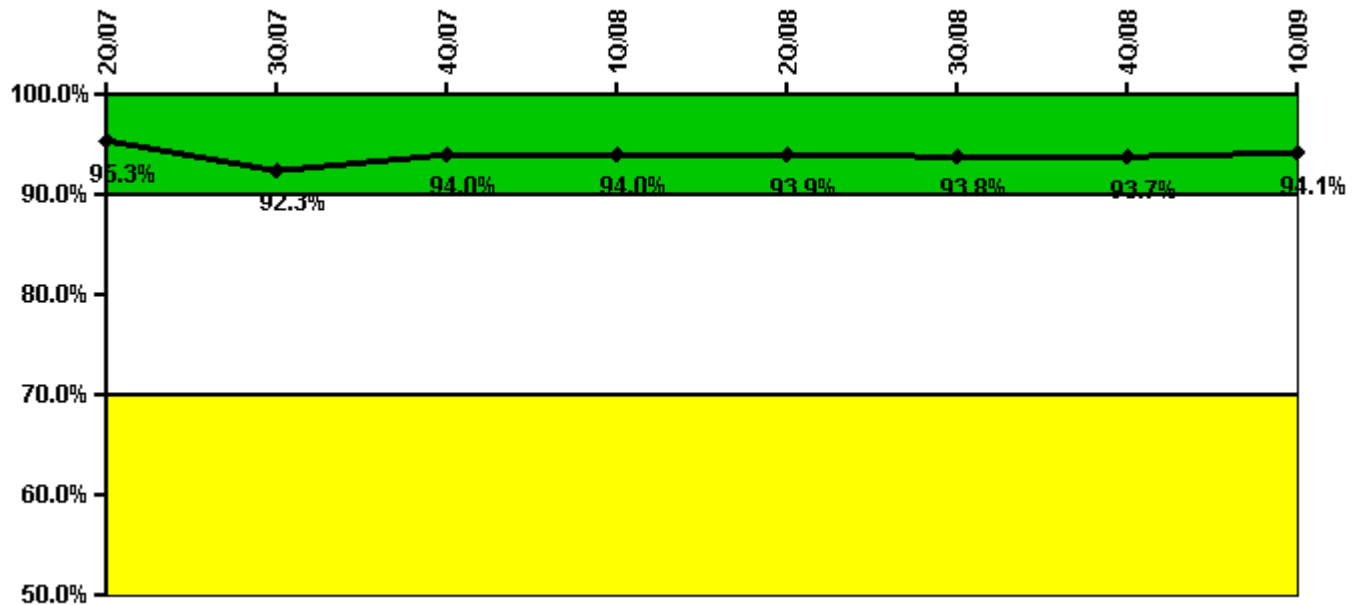
Notes

Reactor Coolant System Leakage	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08
Maximum leakage	0.160	0.210	0.100	0.100	0.110	0.120	0.080	0.340	0.080	0.090	0.100	0.090
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	1.6	2.1	1.0	1.0	1.1	1.2	0.8	3.4	0.8	0.9	1.0	0.9

Reactor Coolant System Leakage	4/08	5/08	6/08	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09
Maximum leakage	0.120	0.170	0.110	0.140	0.230	0.410	0.190	0.080	0.440	0.140	0.050	0.050
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	1.2	1.7	1.1	1.4	2.3	4.1	1.9	0.8	4.4	1.4	0.5	0.5

Licensee Comments: none

Drill/Exercise Performance



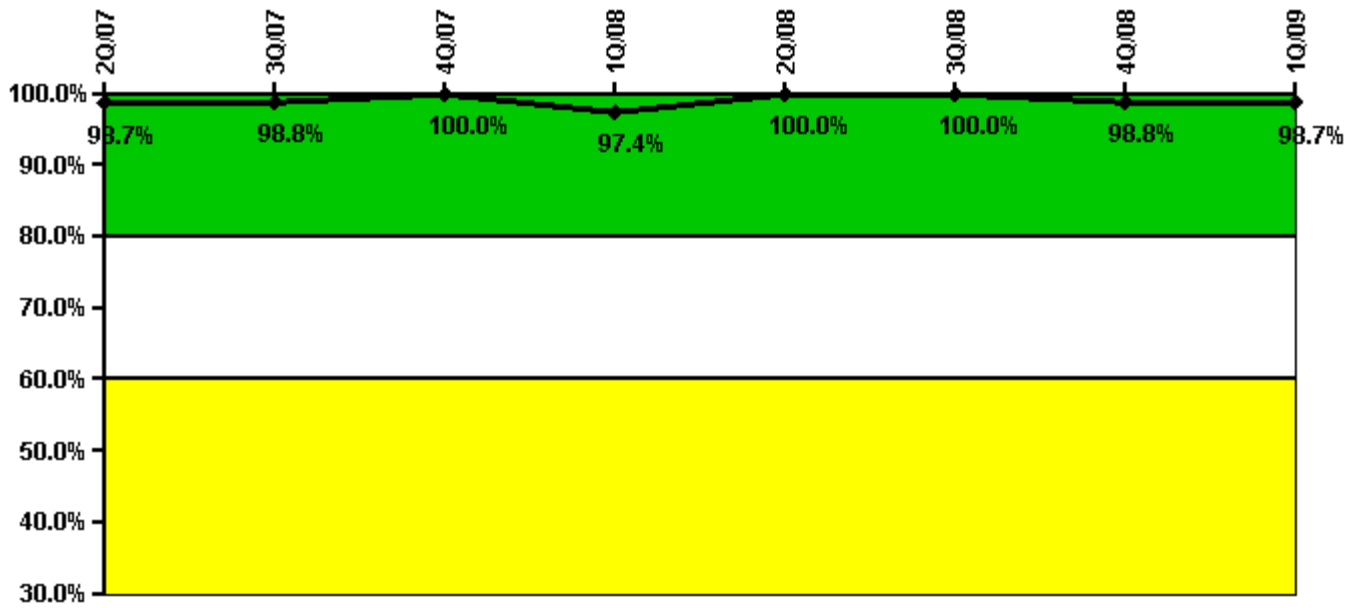
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Successful opportunities	8.0	51.0	78.0	0	31.0	28.0	60.0	15.0
Total opportunities	9.0	59.0	79.0	0	34.0	29.0	63.0	15.0
Indicator value	95.3%	92.3%	94.0%	94.0%	93.9%	93.8%	93.7%	94.1%

Licensee Comments: none

ERO Drill Participation



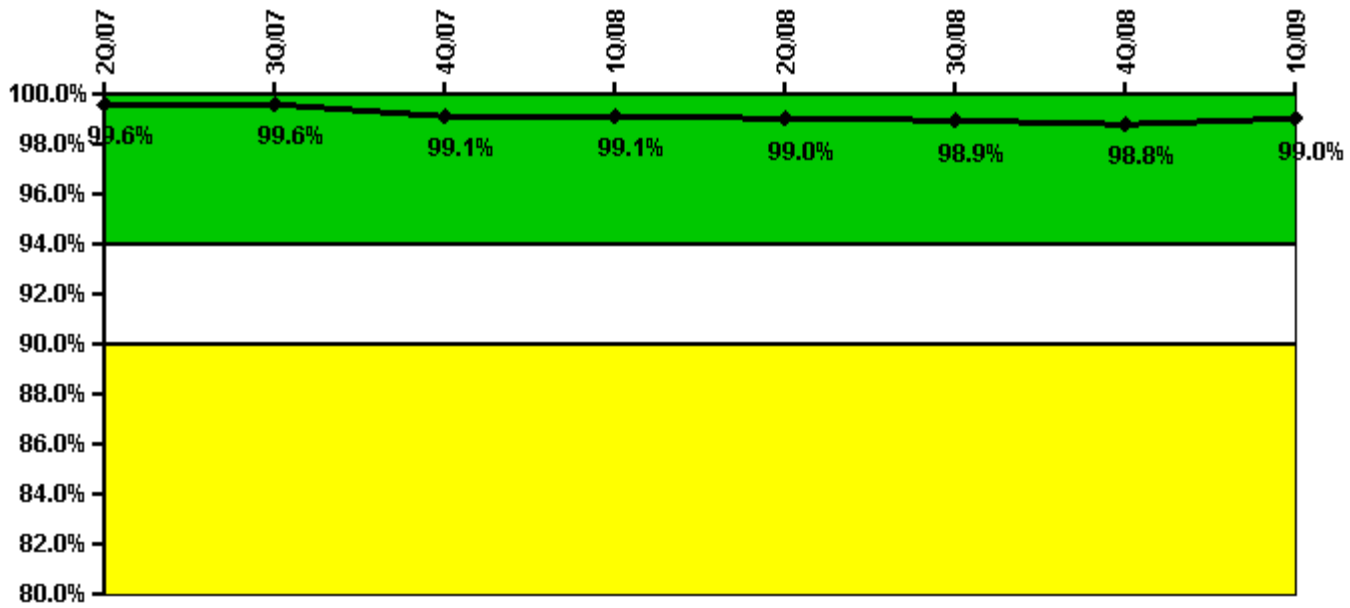
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Participating Key personnel	78.0	82.0	76.0	74.0	77.0	77.0	80.0	76.0
Total Key personnel	79.0	83.0	76.0	76.0	77.0	77.0	81.0	77.0
Indicator value	98.7%	98.8%	100.0%	97.4%	100.0%	100.0%	98.8%	98.7%

Licensee Comments: none

Alert & Notification System



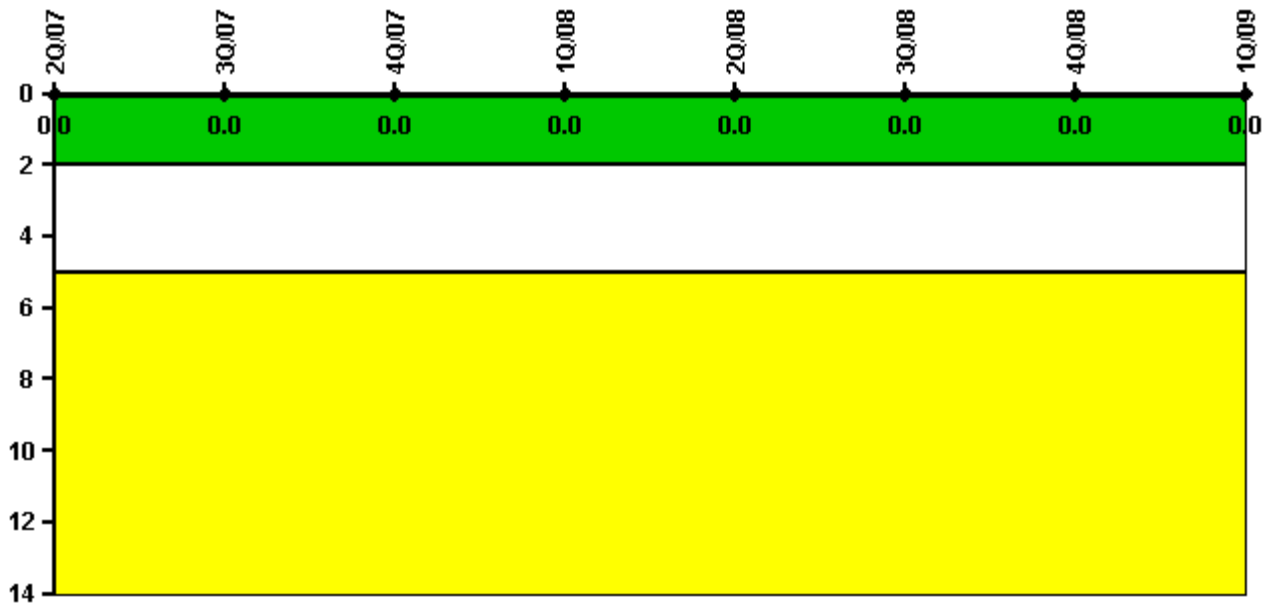
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Successful siren-tests	407	356	451	404	414	413	457	415
Total sirens-tests	408	357	459	409	416	416	468	416
Indicator value	99.6%	99.6%	99.1%	99.1%	99.0%	98.9%	98.8%	99.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



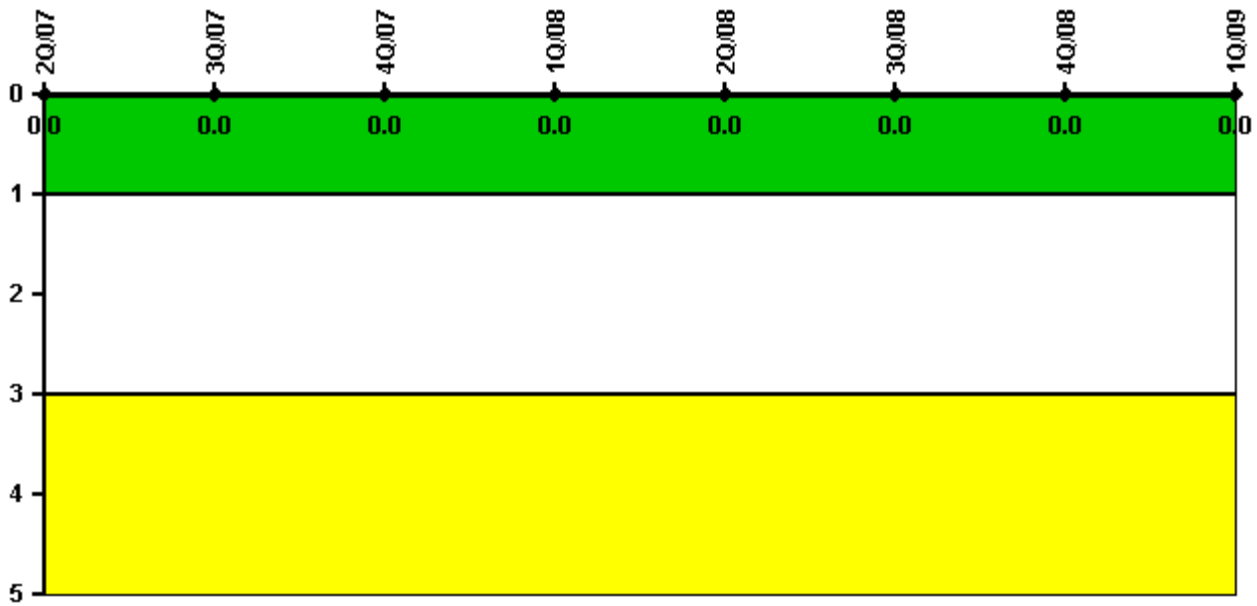
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
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/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
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.