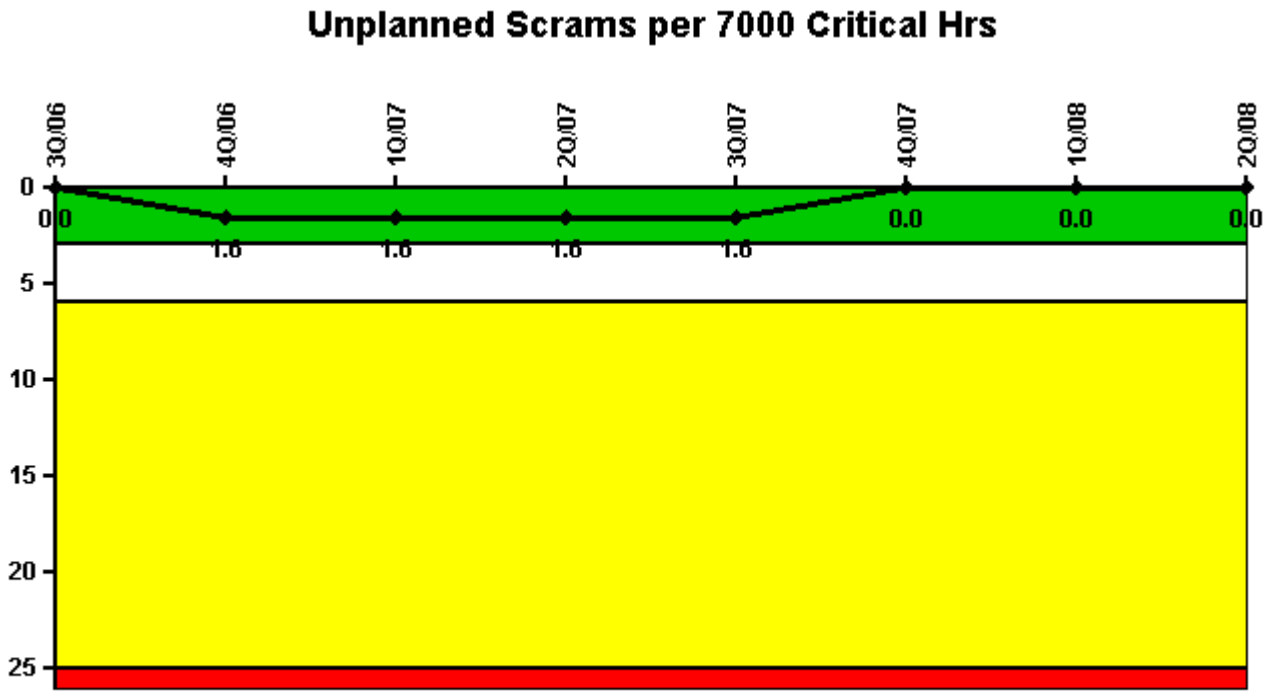
Three Mile Island 1

2Q/2008 Performance Indicators

Licensee's General Comments: none



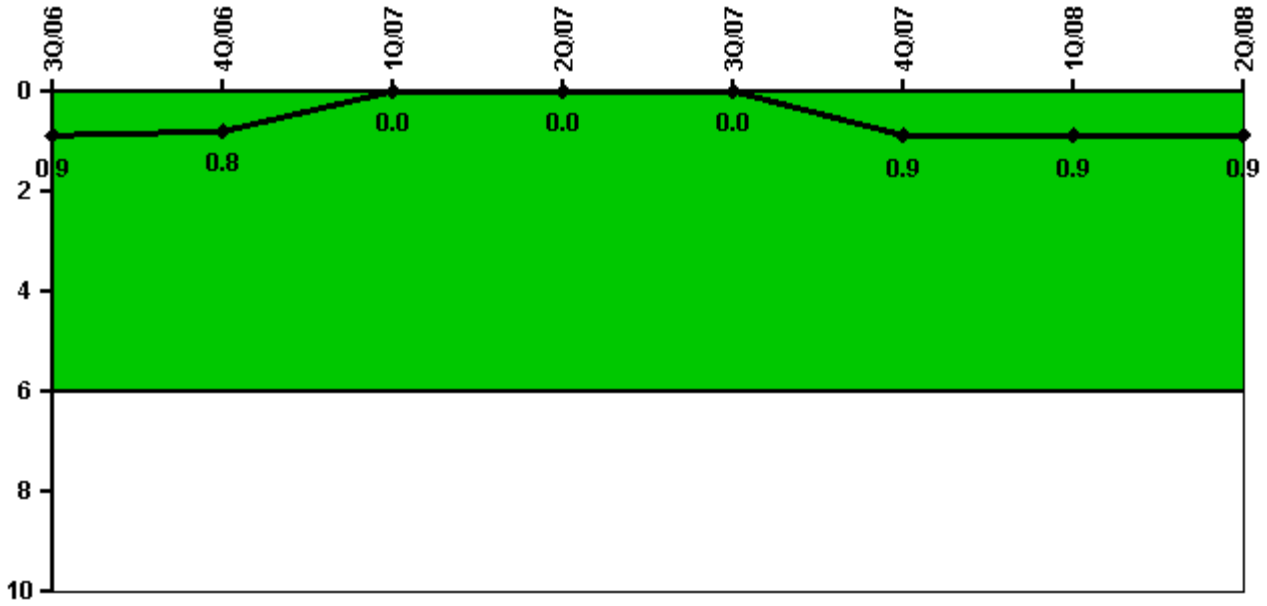
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Unplanned scrams	0	2.0	0	0	0	0	0	0
Critical hours	2208.0	2128.8	2159.0	2184.0	2208.0	1503.8	2183.0	2184.0
Indicator value	**0**	**1.6**	**1.6**	**1.6**	**1.6**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



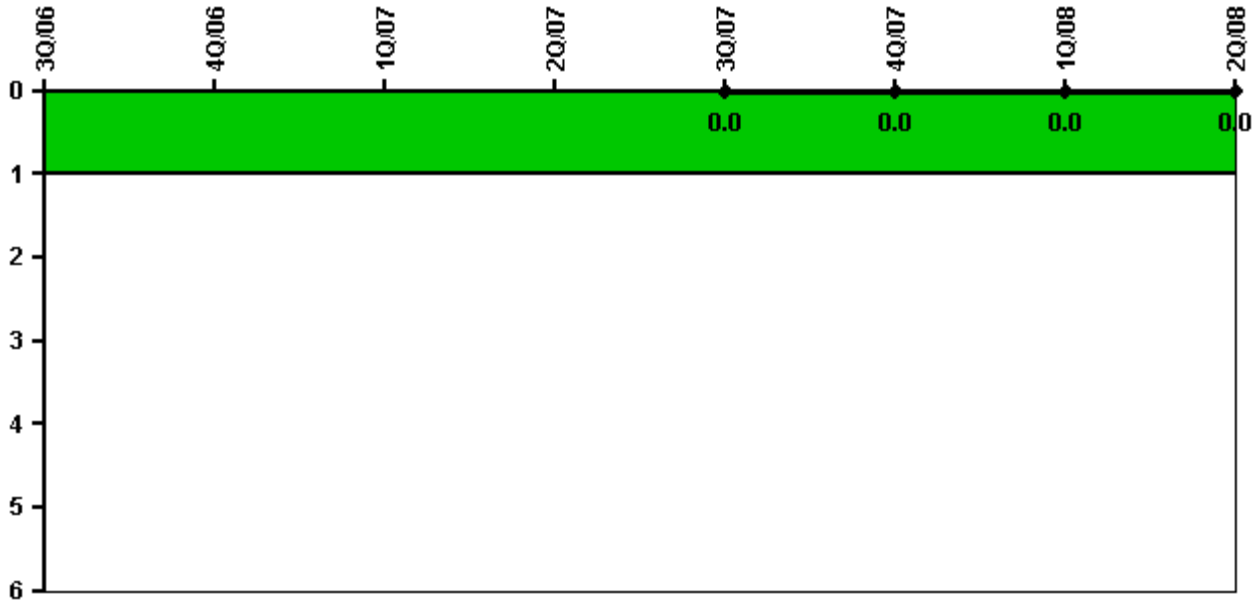
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Unplanned power changes	0	0	0	0	0	1.0	0	0
Critical hours	2208.0	2128.8	2159.0	2184.0	2208.0	1503.8	2183.0	2184.0
Indicator value	**0.9**	**0.8**	**0**	**0**	**0**	**0.9**	**0.9**	**0.9**

Licensee Comments: none

Unplanned Scrams with Complications



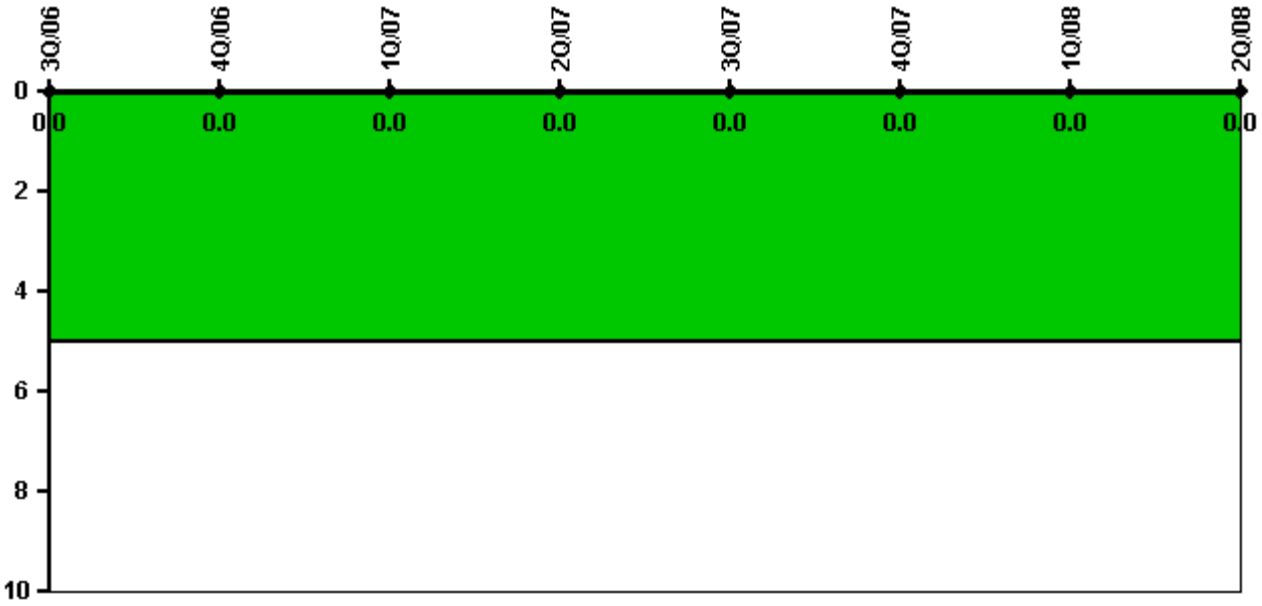
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Scrams with complications		0	0	0	0	0	0	0
Indicator value					**0.0**	**0.0**	**0.0**	**0.0**

Licensee Comments: none

Safety System Functional Failures (PWR)



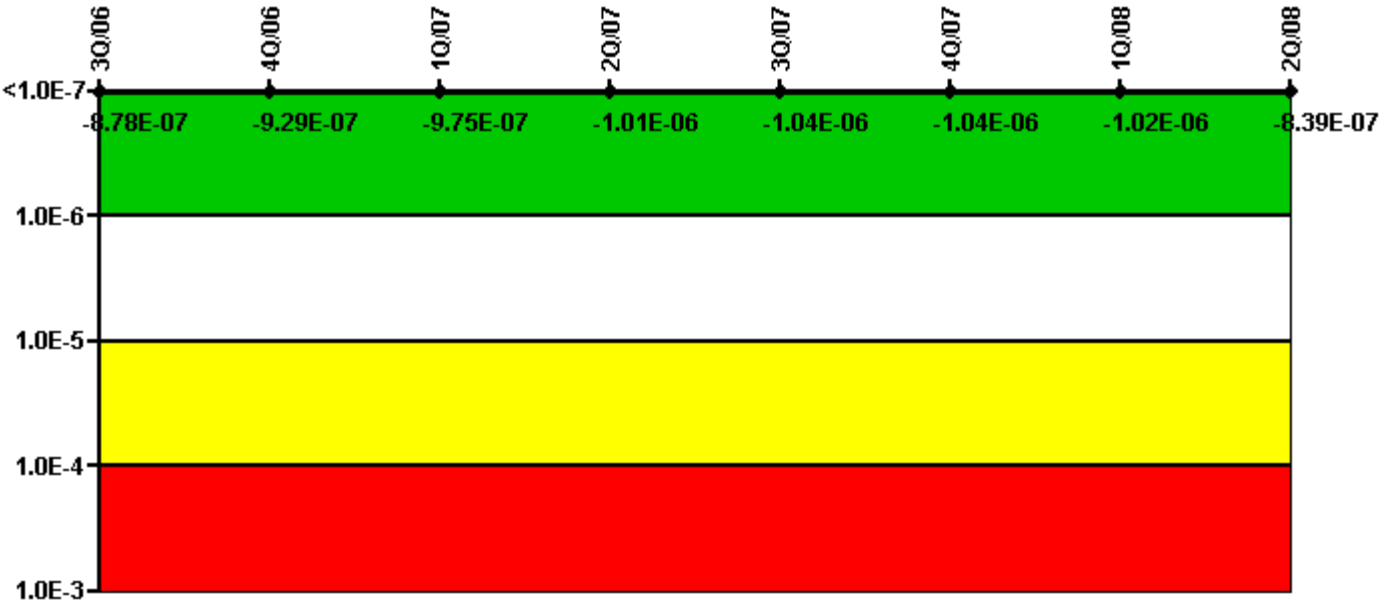
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
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



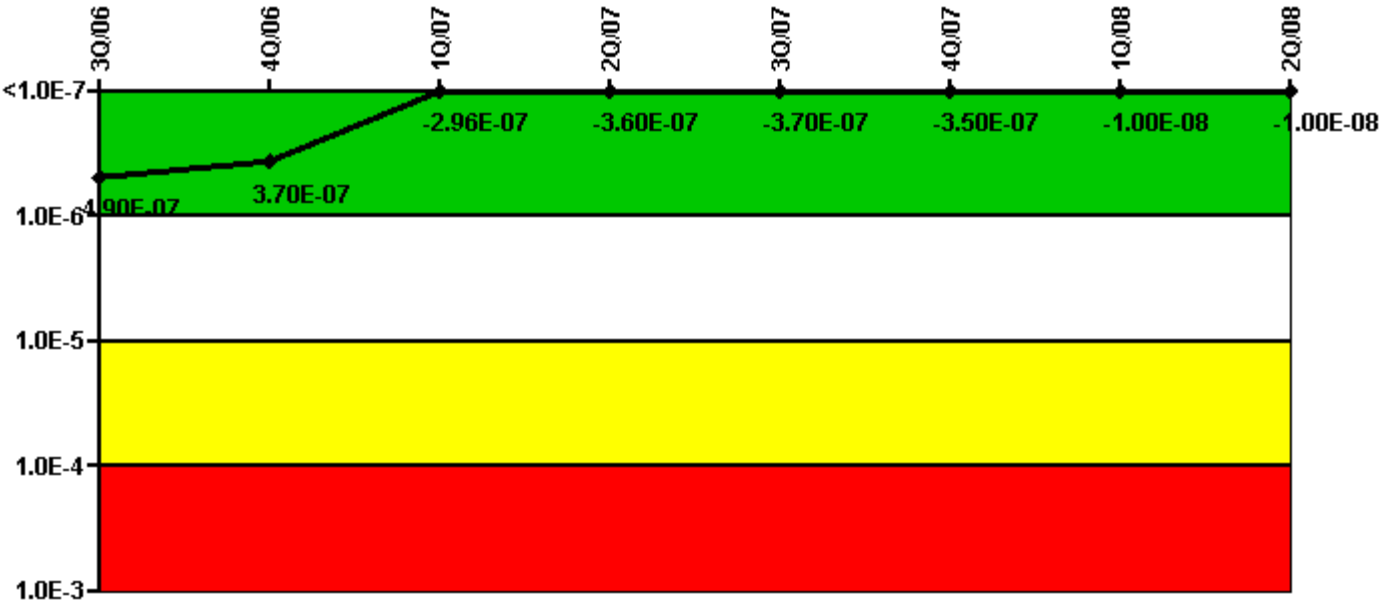
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (ΔCDF)	1.20E-08	-4.90E-08	-9.50E-08	-1.40E-07	-1.70E-07	-1.60E-07	-1.20E-07	7.10E-08
URI (ΔCDF)	-8.90E-07	-8.80E-07	-8.80E-07	-8.70E-07	-8.70E-07	-8.80E-07	-9.00E-07	-9.10E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-8.78E-07**	**-9.29E-07**	**-9.75E-07**	**-1.01E-06**	**-1.04E-06**	**-1.04E-06**	**-1.02E-06**	**-8.39E-07**

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



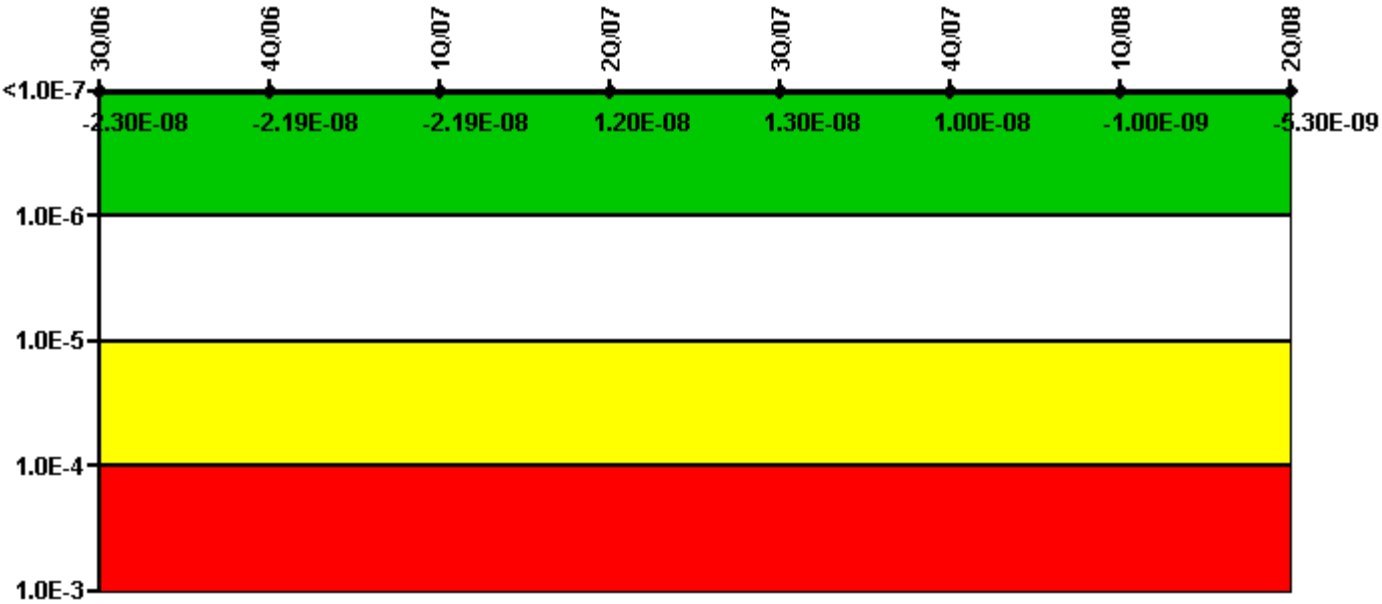
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (ΔCDF)	7.10E-07	5.90E-07	-7.60E-08	-1.40E-07	-1.50E-07	-1.30E-07	2.10E-07	2.10E-07
URI (ΔCDF)	-2.20E-07	-2.20E-07	-2.20E-07	-2.20E-07	-2.20E-07	-2.20E-07	-2.20E-07	-2.20E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**4.90E-07**	**3.70E-07**	**-2.96E-07**	**-3.60E-07**	**-3.70E-07**	**-3.50E-07**	**-1.00E-08**	**-1.00E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



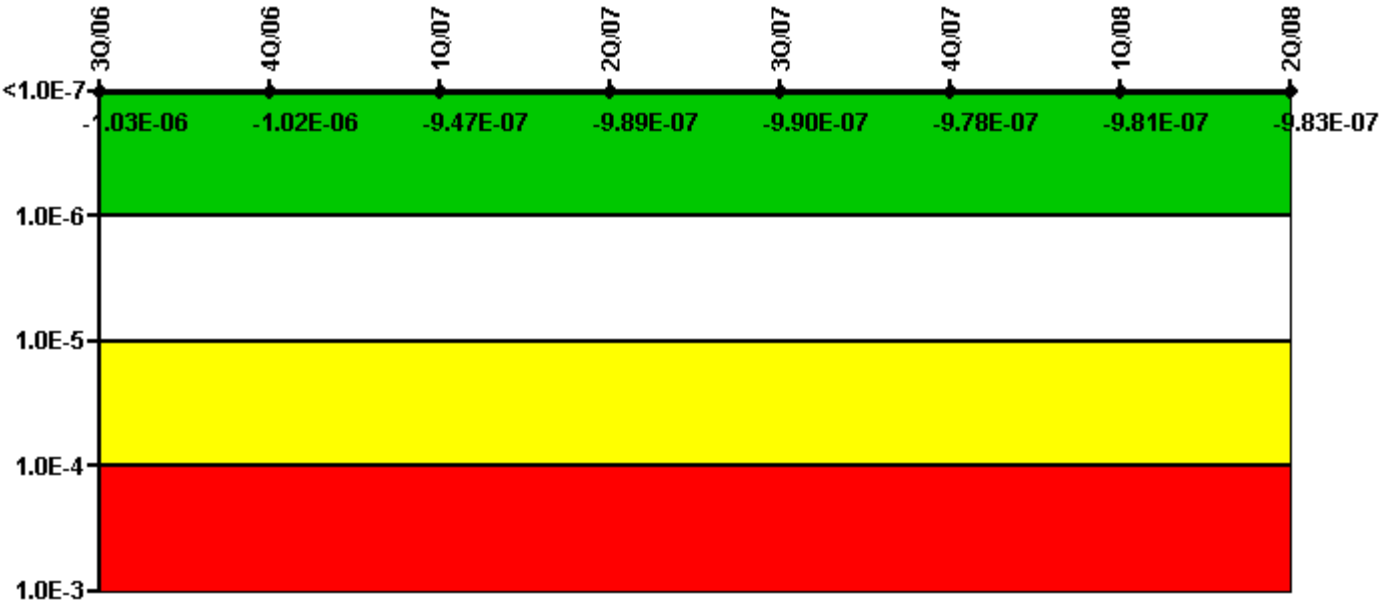
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (ΔCDF)	-1.10E-08	-9.90E-09	-9.90E-09	2.40E-08	2.50E-08	2.20E-08	1.10E-08	6.70E-09
URI (ΔCDF)	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.30E-08**	**-2.19E-08**	**-2.19E-08**	**1.20E-08**	**1.30E-08**	**1.00E-08**	**-1.00E-09**	**-5.30E-09**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



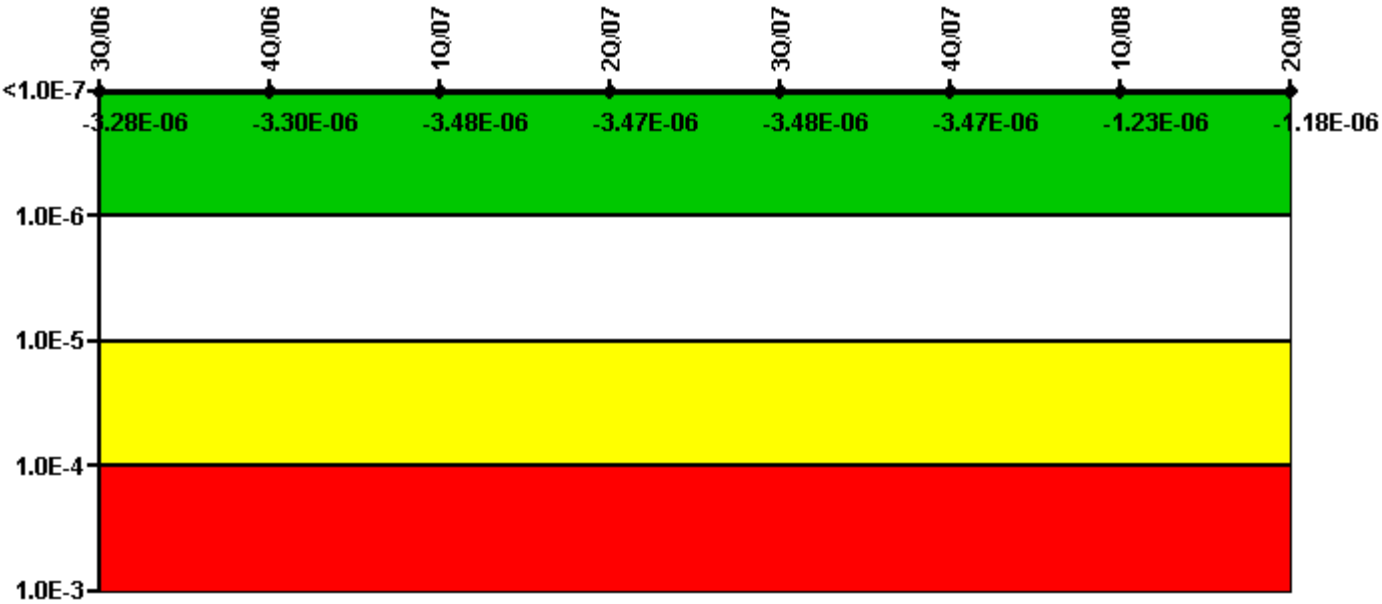
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (ΔCDF)	-6.20E-08	-5.00E-08	2.30E-08	-1.90E-08	-2.00E-08	-8.20E-09	-1.10E-08	-1.30E-08
URI (ΔCDF)	-9.70E-07	-9.70E-07	-9.70E-07	-9.70E-07	-9.70E-07	-9.70E-07	-9.70E-07	-9.70E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.03E-06**	**-1.02E-06**	**-9.47E-07**	**-9.89E-07**	**-9.90E-07**	**-9.78E-07**	**-9.81E-07**	**-9.83E-07**

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



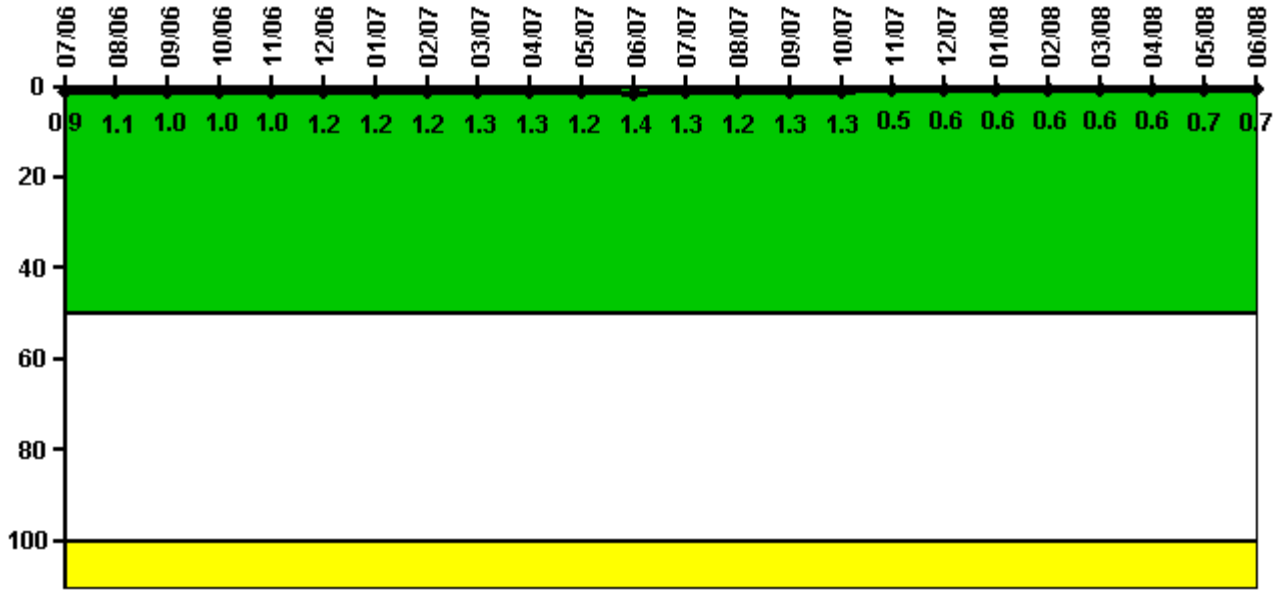
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (ΔCDF)	4.20E-07	4.00E-07	2.20E-07	2.30E-07	2.20E-07	2.30E-07	4.70E-07	5.20E-07
URI (ΔCDF)	-3.70E-06	-3.70E-06	-3.70E-06	-3.70E-06	-3.70E-06	-3.70E-06	-1.70E-06	-1.70E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.28E-06**	**-3.30E-06**	**-3.48E-06**	**-3.47E-06**	**-3.48E-06**	**-3.47E-06**	**-1.23E-06**	**-1.18E-06**

Licensee Comments: none

Reactor Coolant System Activity



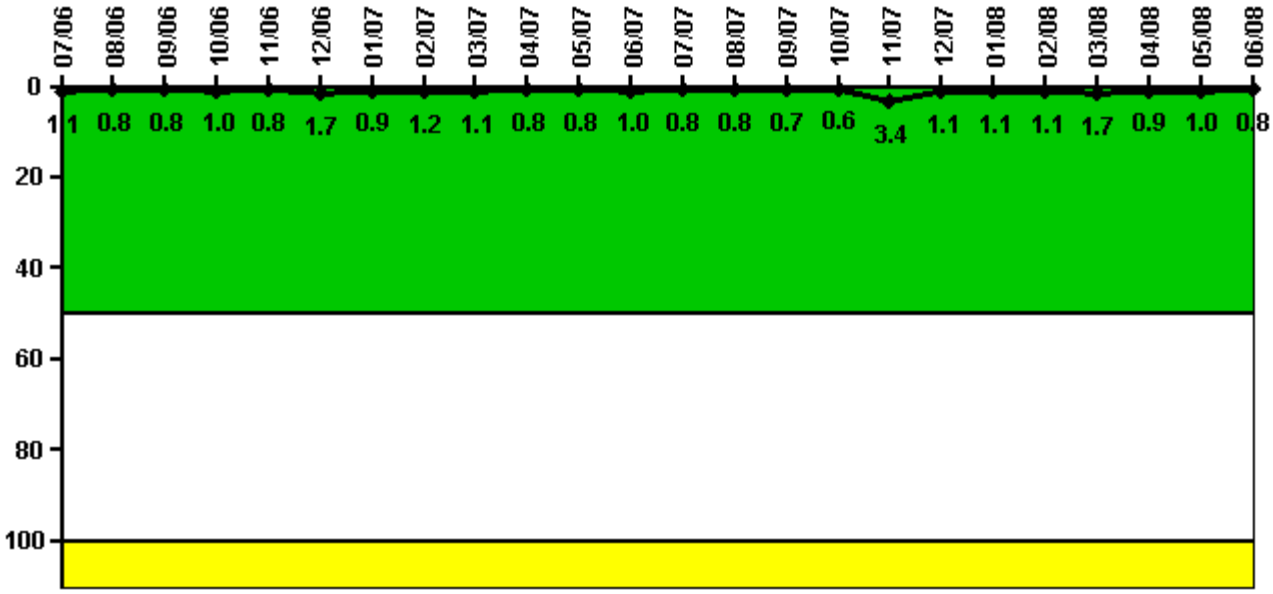
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**7/06**	**8/06**	**9/06**	**10/06**	**11/06**	**12/06**	**1/07**	**2/07**	**3/07**	**4/07**	**5/07**	**6/07**
Maximum activity	0.003070	0.003680	0.003400	0.003590	0.003550	0.004240	0.004070	0.004260	0.004540	0.004440	0.004350	0.004910
Technical specification limit	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Indicator value	**0.9**	**1.1**	**1.0**	**1.0**	**1.0**	**1.2**	**1.2**	**1.2**	**1.3**	**1.3**	**1.2**	**1.4**
Reactor Coolant System Activity	**7/07**	**8/07**	**9/07**	**10/07**	**11/07**	**12/07**	**1/08**	**2/08**	**3/08**	**4/08**	**5/08**	**6/08**
Maximum activity	0.004440	0.004150	0.004400	0.004710	0.001680	0.002100	0.001940	0.002230	0.002140	0.002220	0.002380	0.002470
Technical specification limit	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Indicator value	**1.3**	**1.2**	**1.3**	**1.3**	**0.5**	**0.6**	**0.6**	**0.6**	**0.6**	**0.6**	**0.7**	**0.7**

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

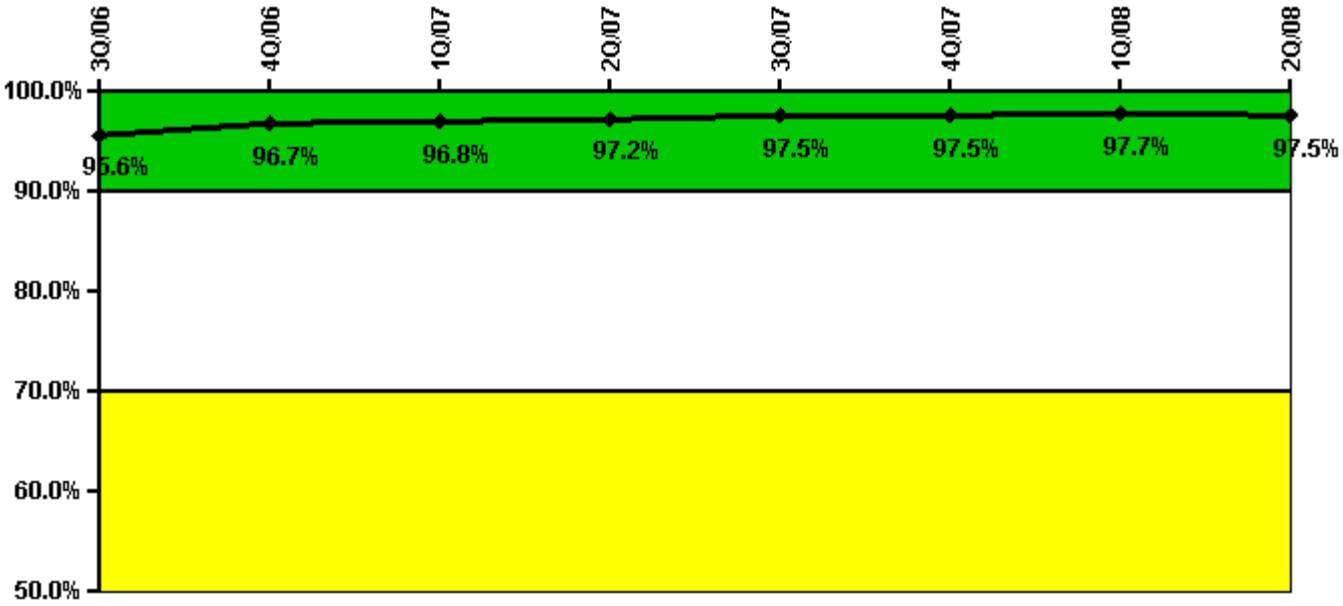
Notes

Reactor Coolant System Leakage	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07
Maximum leakage	0.106	0.083	0.078	0.096	0.083	0.167	0.087	0.123	0.106	0.076	0.075	0.096
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	**1.1**	**0.8**	**0.8**	**1.0**	**0.8**	**1.7**	**0.9**	**1.2**	**1.1**	**0.8**	**0.8**	**1.0**

Reactor Coolant System Leakage	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08
Maximum leakage	0.076	0.079	0.074	0.060	0.335	0.106	0.108	0.108	0.171	0.092	0.103	0.077
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	**0.8**	**0.8**	**0.7**	**0.6**	**3.4**	**1.1**	**1.1**	**1.1**	**1.7**	**0.9**	**1.0**	**0.8**

Licensee Comments: none

Drill/Exercise Performance



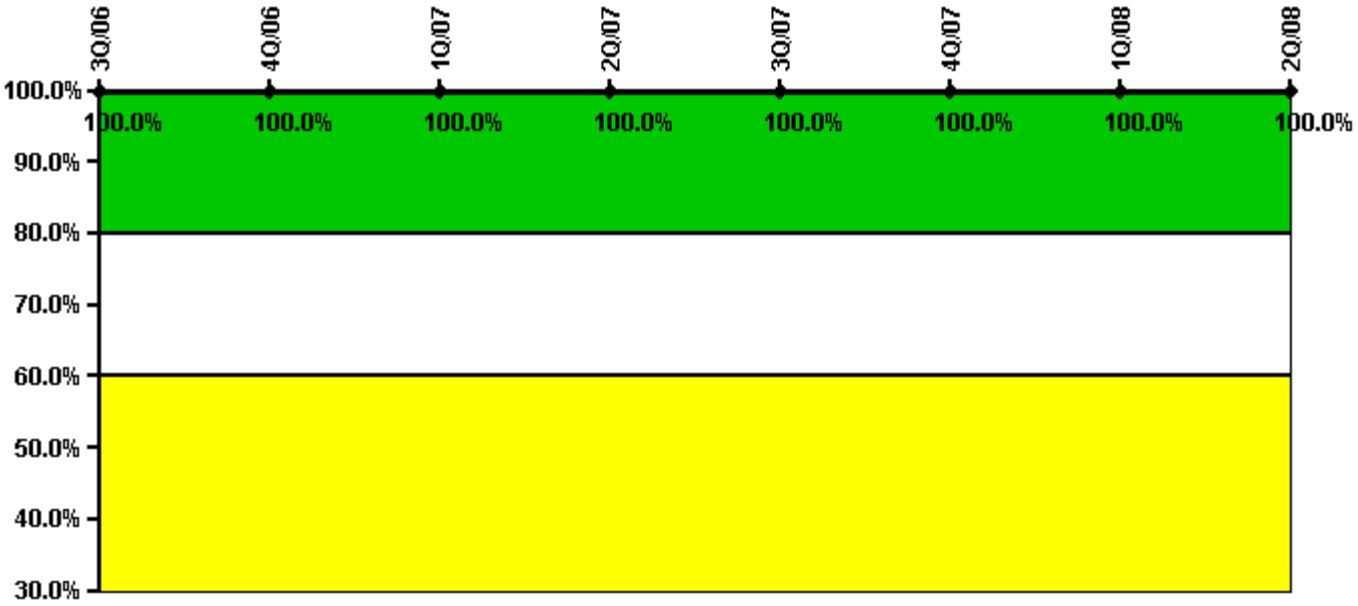
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Successful opportunities	50.0	211.0	65.0	15.0	38.0	3.0	62.0	29.0
Total opportunities	52.0	214.0	66.0	16.0	40.0	4.0	63.0	30.0
Indicator value	**95.6%**	**96.7%**	**96.8%**	**97.2%**	**97.5%**	**97.5%**	**97.7%**	**97.5%**

Licensee Comments: none

ERO Drill Participation



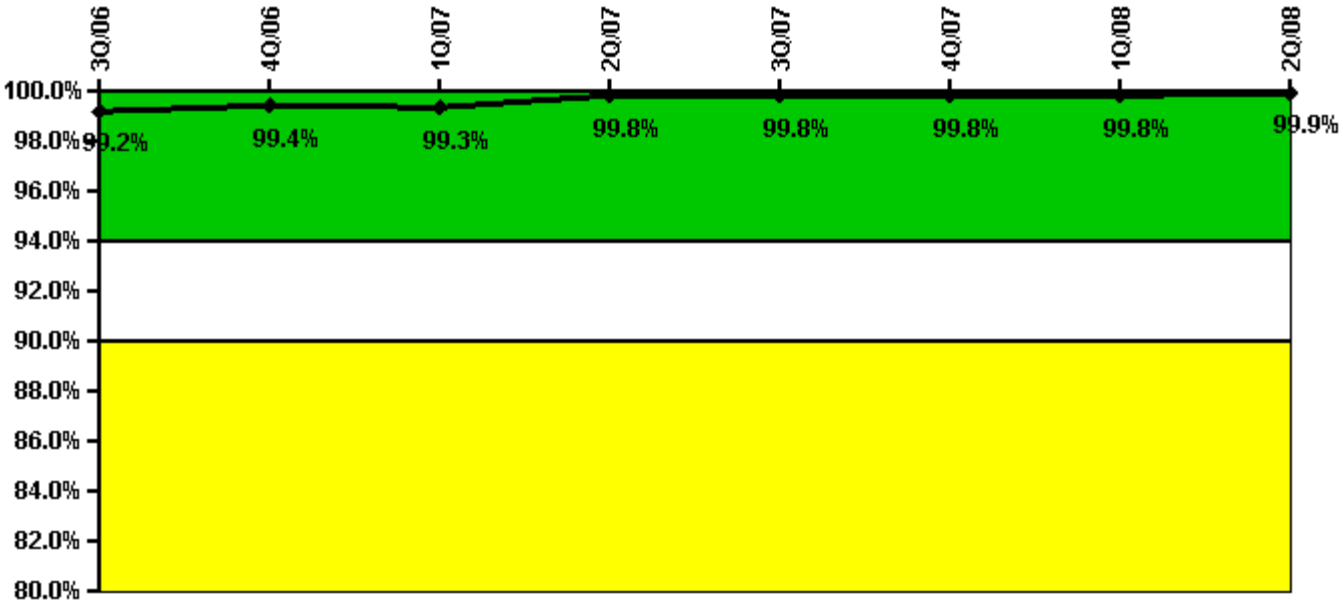
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Participating Key personnel	55.0	59.0	61.0	57.0	62.0	61.0	58.0	56.0
Total Key personnel	55.0	59.0	61.0	57.0	62.0	61.0	58.0	56.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System



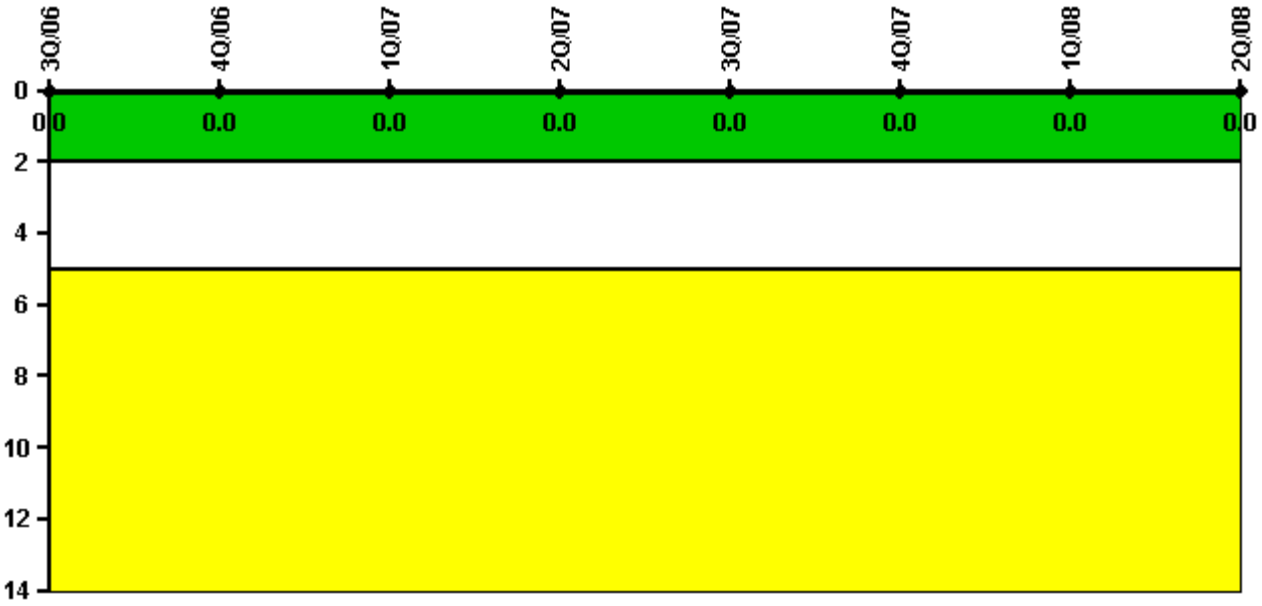
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Successful siren-tests	1242	1248	1246	1244	1245	1245	1248	1247
Total sirens-tests	1248	1248	1248	1248	1248	1247	1248	1248
Indicator value	**99.2%**	**99.4%**	**99.3%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.9%**

Licensee Comments: none

Occupational Exposure Control Effectiveness



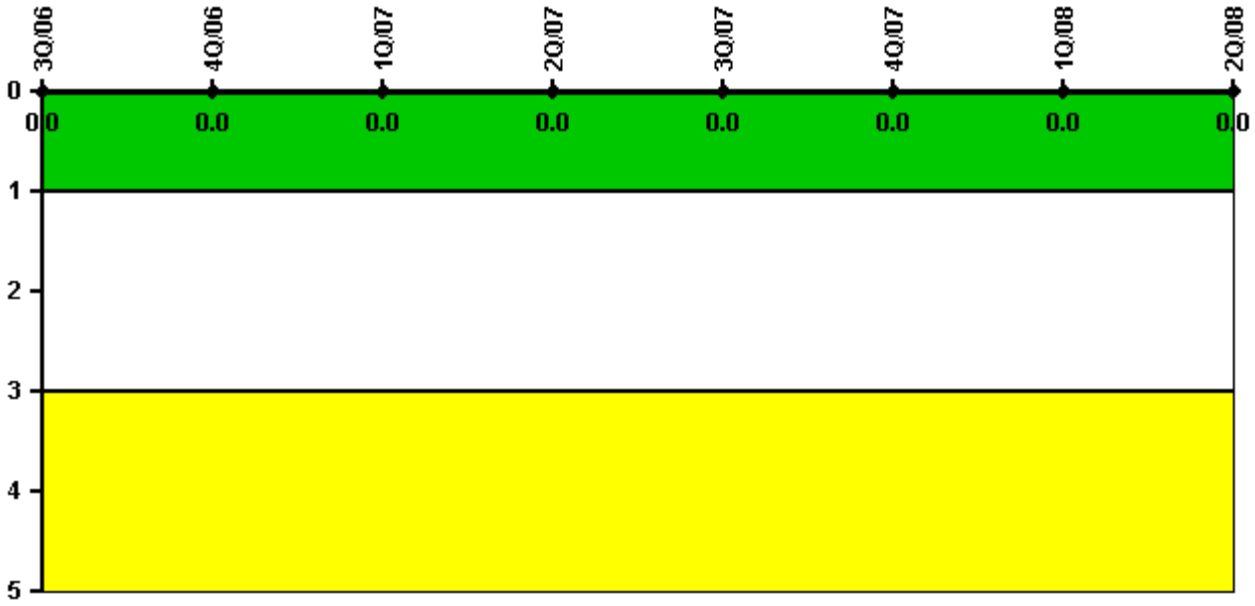
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
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	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Physical Protection information not publicly available.