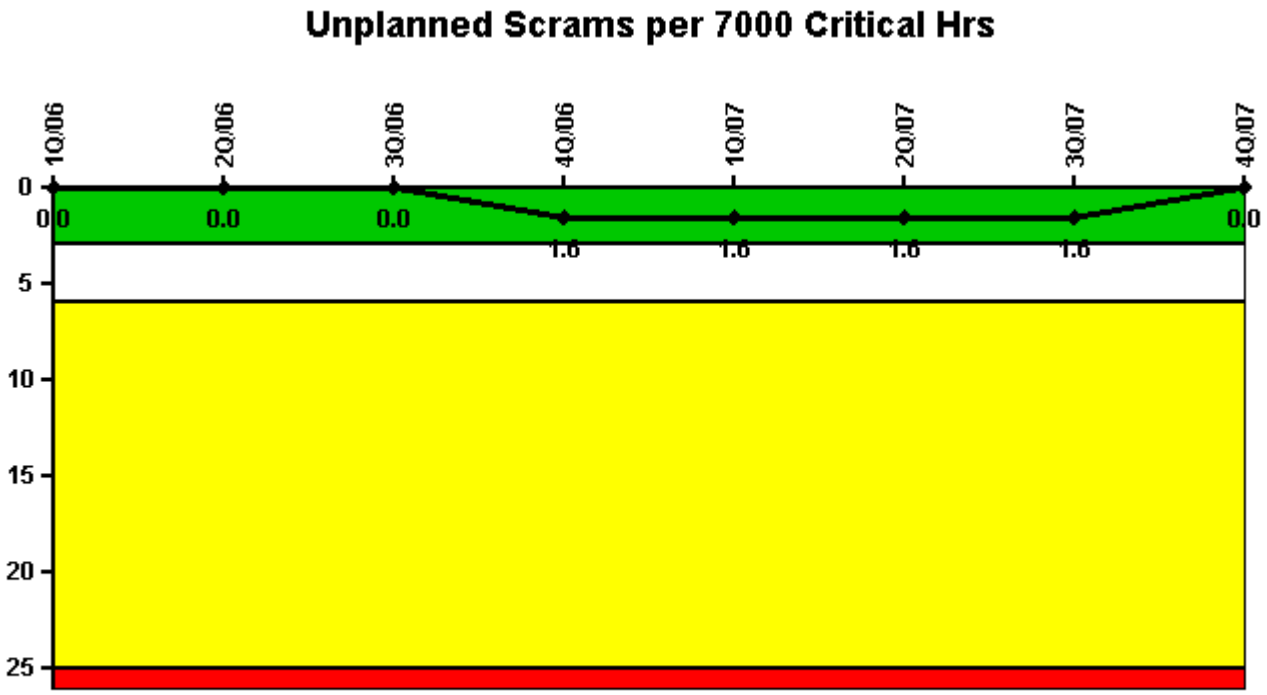
Three Mile Island 1

4Q/2007 Performance Indicators

Licensee's General Comments: none



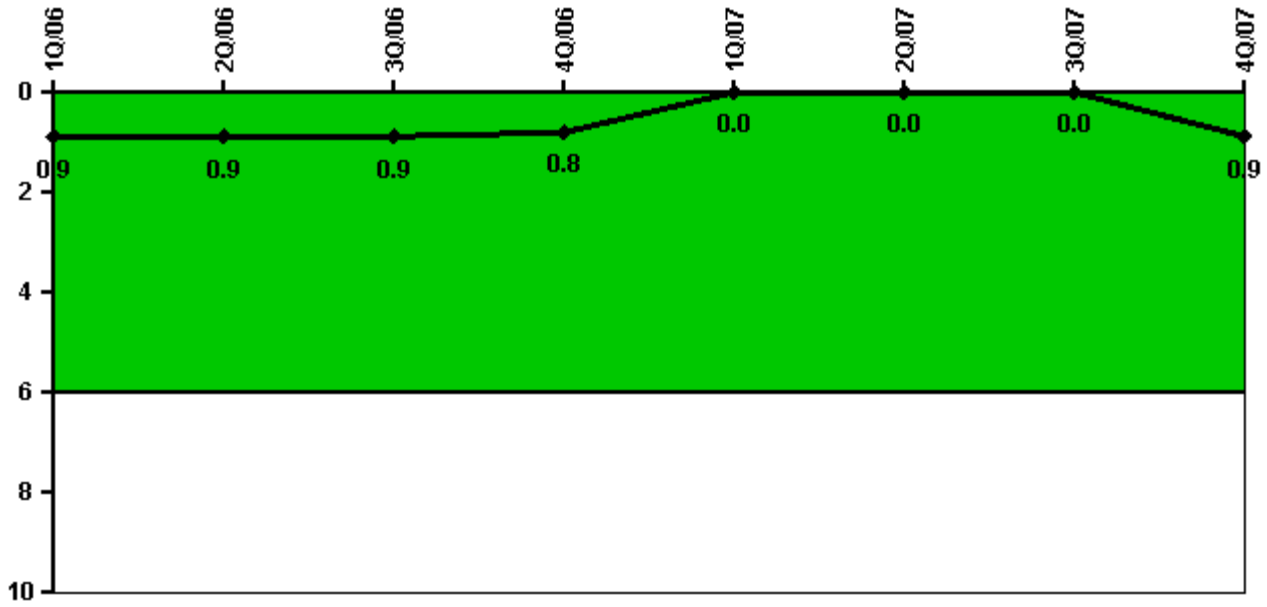
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Unplanned scrams	0	0	0	2.0	0	0	0	0
Critical hours	2160.0	2183.0	2208.0	2128.8	2159.0	2184.0	2208.0	1503.8
Indicator value	**0**	**0**	**0**	**1.6**	**1.6**	**1.6**	**1.6**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



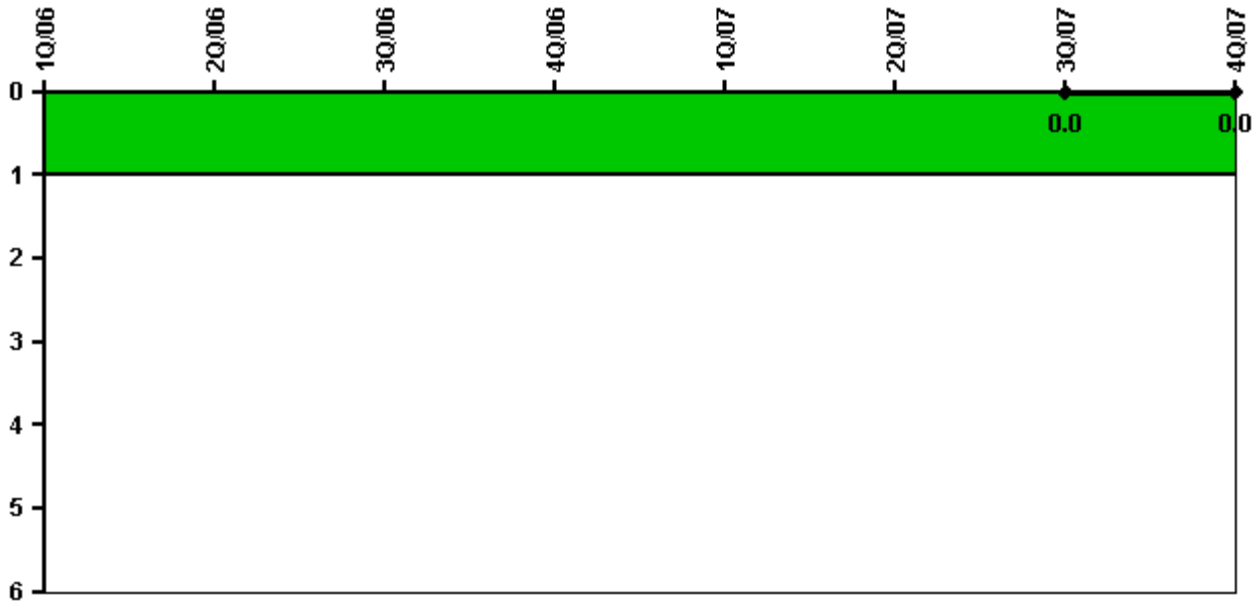
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Unplanned power changes	1.0	0	0	0	0	0	0	1.0
Critical hours	2160.0	2183.0	2208.0	2128.8	2159.0	2184.0	2208.0	1503.8
Indicator value	**0.9**	**0.9**	**0.9**	**0.8**	**0**	**0**	**0**	**0.9**

Licensee Comments: none

Unplanned Scrams with Complications



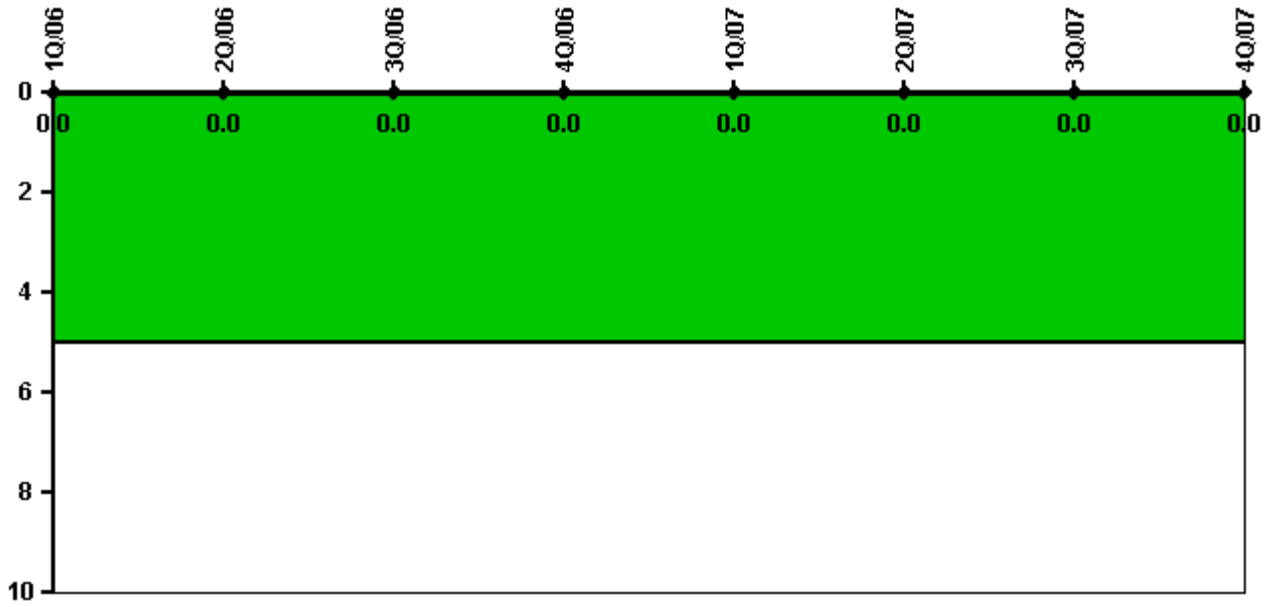
Thresholds: White > 1.0

Notes

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

Licensee Comments: none

Safety System Functional Failures (PWR)



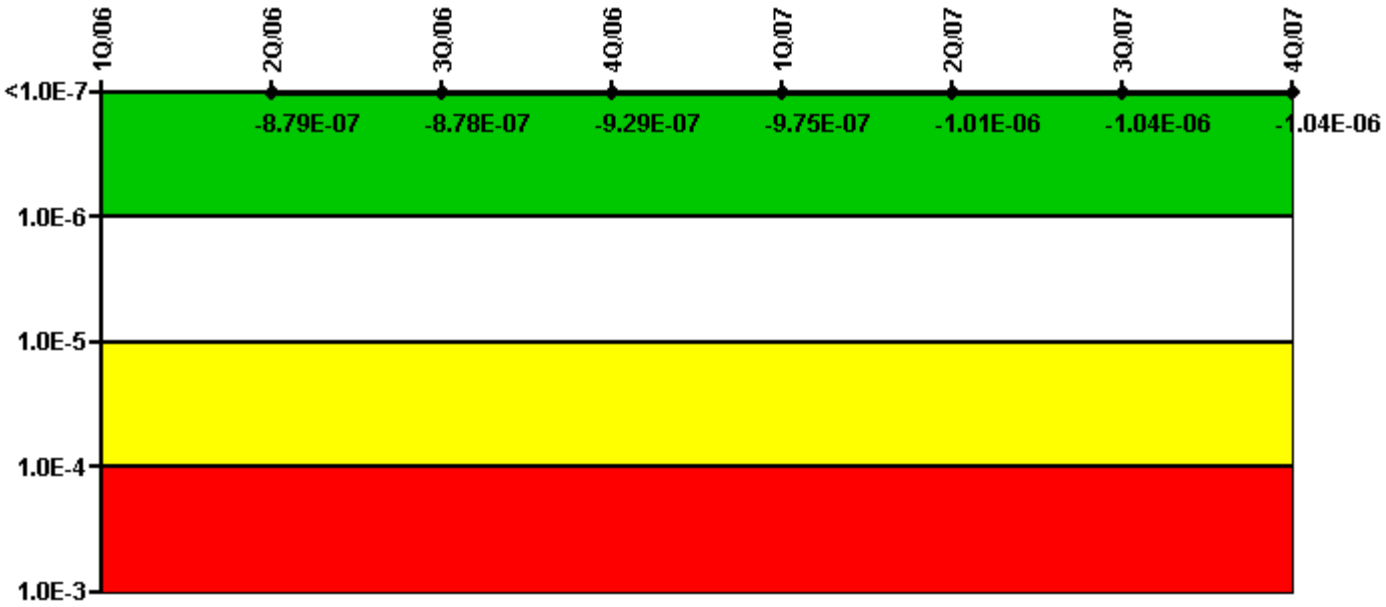
Thresholds: White > 5.0

Notes

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



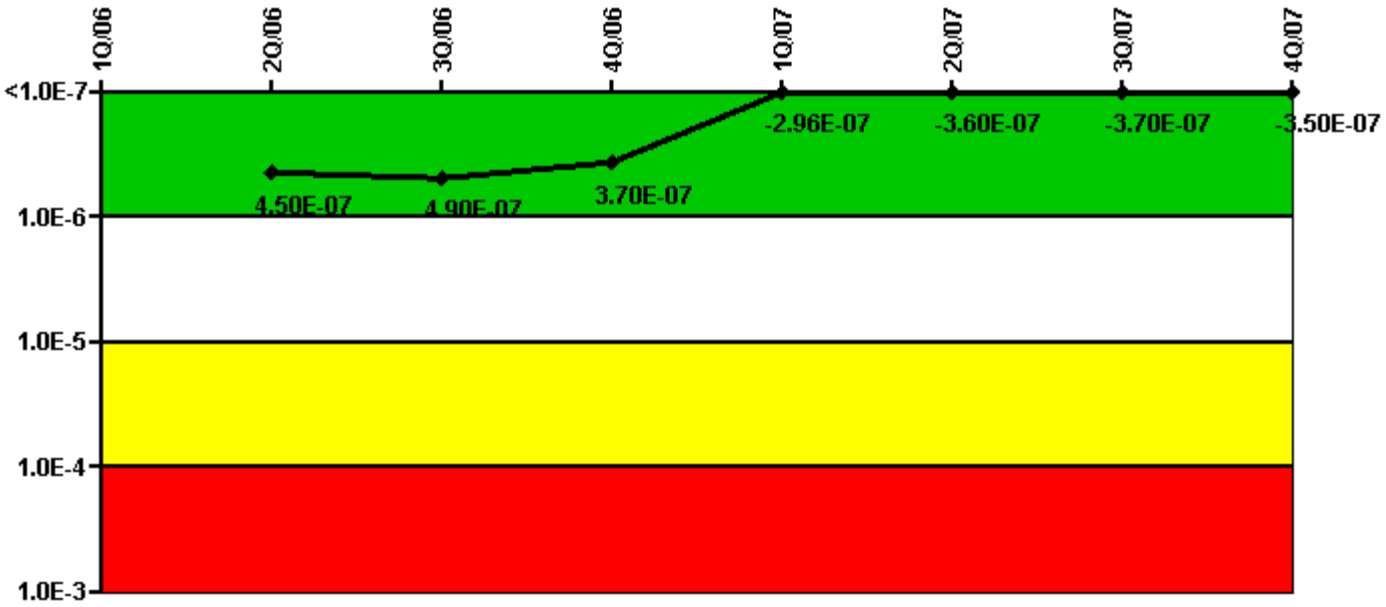
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI (ΔCDF)		3.10E-08	1.20E-08	-4.90E-08	-9.50E-08	-1.40E-07	-1.70E-07	-1.60E-07
URI (ΔCDF)		-9.10E-07	-8.90E-07	-8.80E-07	-8.80E-07	-8.70E-07	-8.70E-07	-8.80E-07
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		**-8.79E-07**	**-8.78E-07**	**-9.29E-07**	**-9.75E-07**	**-1.01E-06**	**-1.04E-06**	**-1.04E-06**

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



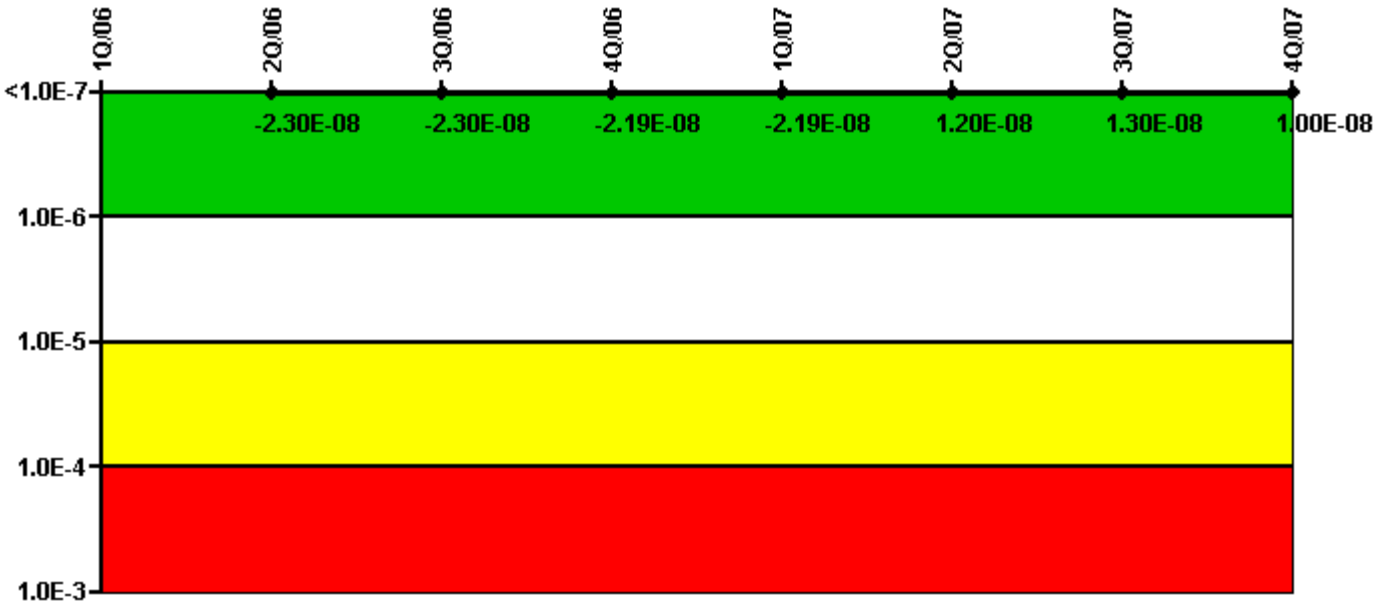
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI (ΔCDF)		6.70E-07	7.10E-07	5.90E-07	-7.60E-08	-1.40E-07	-1.50E-07	-1.30E-07
URI (ΔCDF)		-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
Indicator value		**4.50E-07**	**4.90E-07**	**3.70E-07**	**-2.96E-07**	**-3.60E-07**	**-3.70E-07**	**-3.50E-07**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



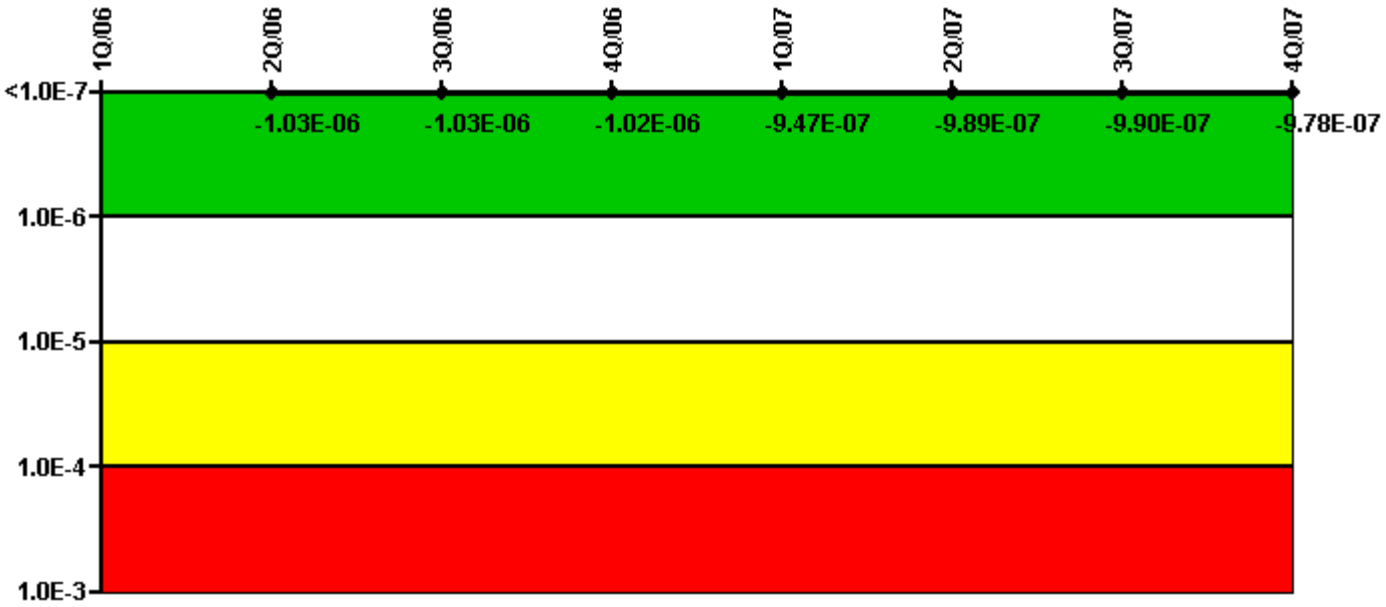
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**
UAI (ΔCDF)		-1.10E-08	-1.10E-08	-9.90E-09	-9.90E-09	2.40E-08	2.50E-08	2.20E-08
URI (ΔCDF)		-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
Indicator value		**-2.30E-08**	**-2.30E-08**	**-2.19E-08**	**-2.19E-08**	**1.20E-08**	**1.30E-08**	**1.00E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



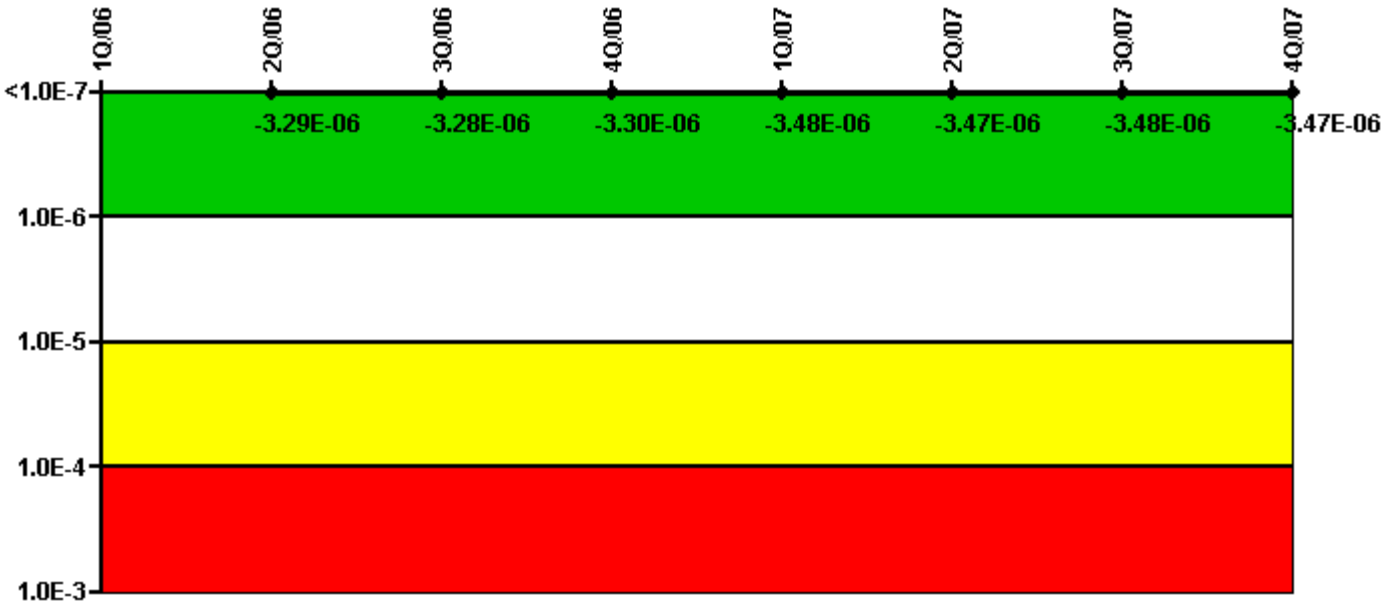
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI (ΔCDF)		-6.20E-08	-6.20E-08	-5.00E-08	2.30E-08	-1.90E-08	-2.00E-08	-8.20E-09
URI (ΔCDF)		-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
Indicator value		**-1.03E-06**	**-1.03E-06**	**-1.02E-06**	**-9.47E-07**	**-9.89E-07**	**-9.90E-07**	**-9.78E-07**

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



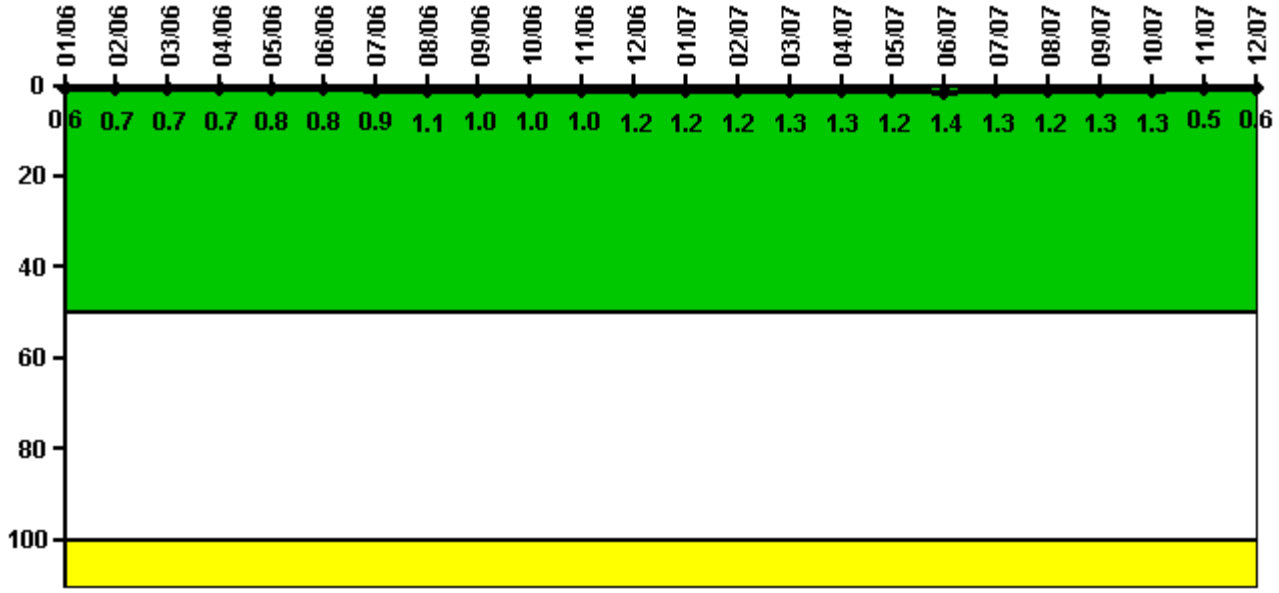
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI (ΔCDF)		4.10E-07	4.20E-07	4.00E-07	2.20E-07	2.30E-07	2.20E-07	2.30E-07
URI (ΔCDF)		-3.70E-06	-3.70E-06	-3.70E-06	-3.70E-06	-3.70E-06	-3.70E-06	-3.70E-06
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		**-3.29E-06**	**-3.28E-06**	**-3.30E-06**	**-3.48E-06**	**-3.47E-06**	**-3.48E-06**	**-3.47E-06**

Licensee Comments: none

Reactor Coolant System Activity



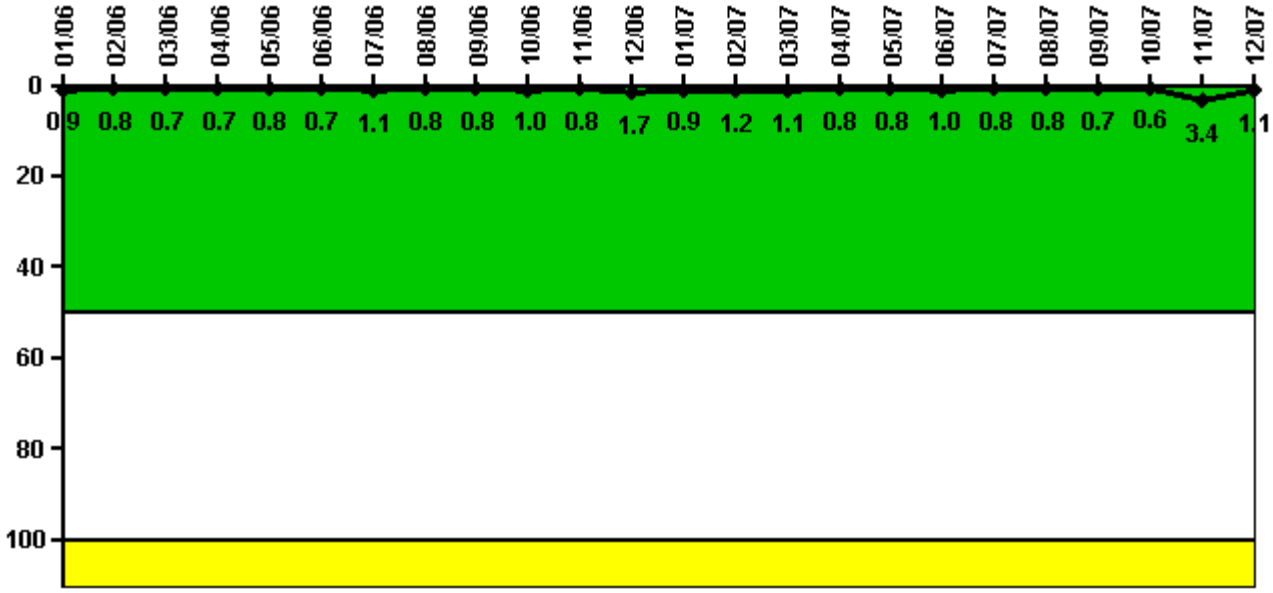
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**1/06**	**2/06**	**3/06**	**4/06**	**5/06**	**6/06**	**7/06**	**8/06**	**9/06**	**10/06**	**11/06**	**12/06**
Maximum activity	0.002160	0.002330	0.002600	0.002570	0.002830	0.002860	0.003070	0.003680	0.003400	0.003590	0.003550	0.004240
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	**0.6**	**0.7**	**0.7**	**0.7**	**0.8**	**0.8**	**0.9**	**1.1**	**1.0**	**1.0**	**1.0**	**1.2**
Reactor Coolant System Activity	**1/07**	**2/07**	**3/07**	**4/07**	**5/07**	**6/07**	**7/07**	**8/07**	**9/07**	**10/07**	**11/07**	**12/07**
Maximum activity	0.004070	0.004260	0.004540	0.004440	0.004350	0.004910	0.004440	0.004150	0.004400	0.004710	0.001680	0.002100
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	**1.2**	**1.2**	**1.3**	**1.3**	**1.2**	**1.4**	**1.3**	**1.2**	**1.3**	**1.3**	**0.5**	**0.6**

Licensee Comments: none

Reactor Coolant System Leakage



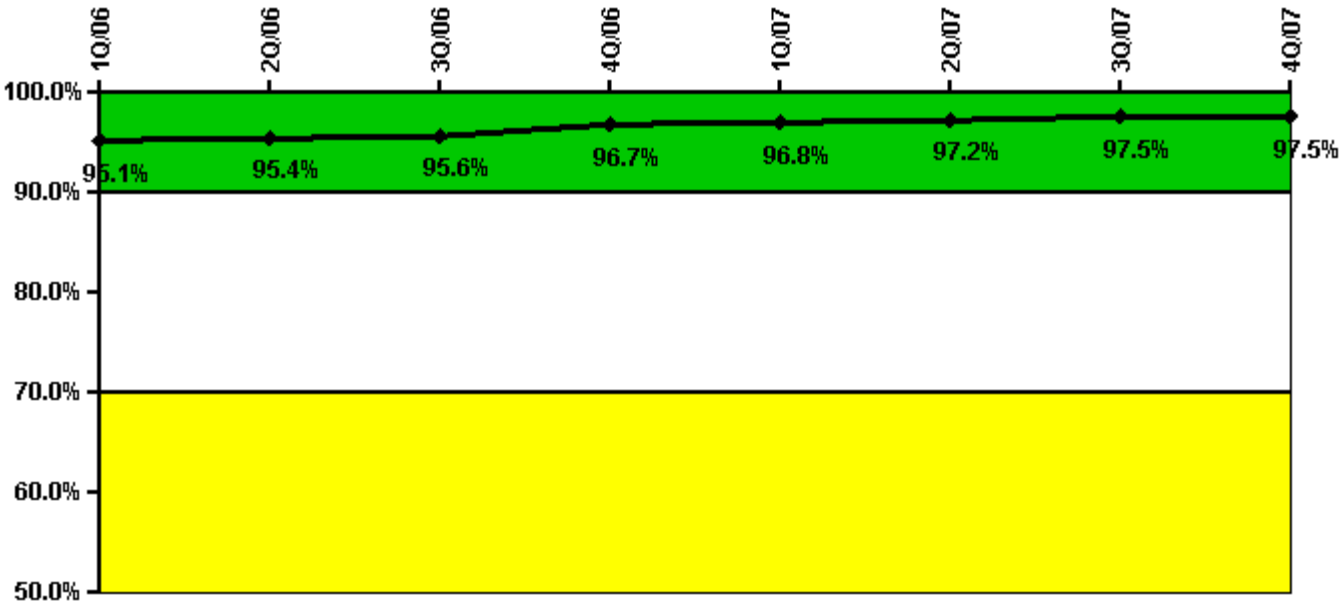
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**1/06**	**2/06**	**3/06**	**4/06**	**5/06**	**6/06**	**7/06**	**8/06**	**9/06**	**10/06**	**11/06**	**12/06**
Maximum leakage	0.085	0.078	0.073	0.068	0.079	0.065	0.106	0.083	0.078	0.096	0.083	0.167
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	**0.9**	**0.8**	**0.7**	**0.7**	**0.8**	**0.7**	**1.1**	**0.8**	**0.8**	**1.0**	**0.8**	**1.7**
Reactor Coolant System Leakage	**1/07**	**2/07**	**3/07**	**4/07**	**5/07**	**6/07**	**7/07**	**8/07**	**9/07**	**10/07**	**11/07**	**12/07**
Maximum leakage	0.087	0.123	0.106	0.076	0.075	0.096	0.076	0.079	0.074	0.060	0.335	0.106
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	**0.9**	**1.2**	**1.1**	**0.8**	**0.8**	**1.0**	**0.8**	**0.8**	**0.7**	**0.6**	**3.4**	**1.1**

Licensee Comments: none

Drill/Exercise Performance



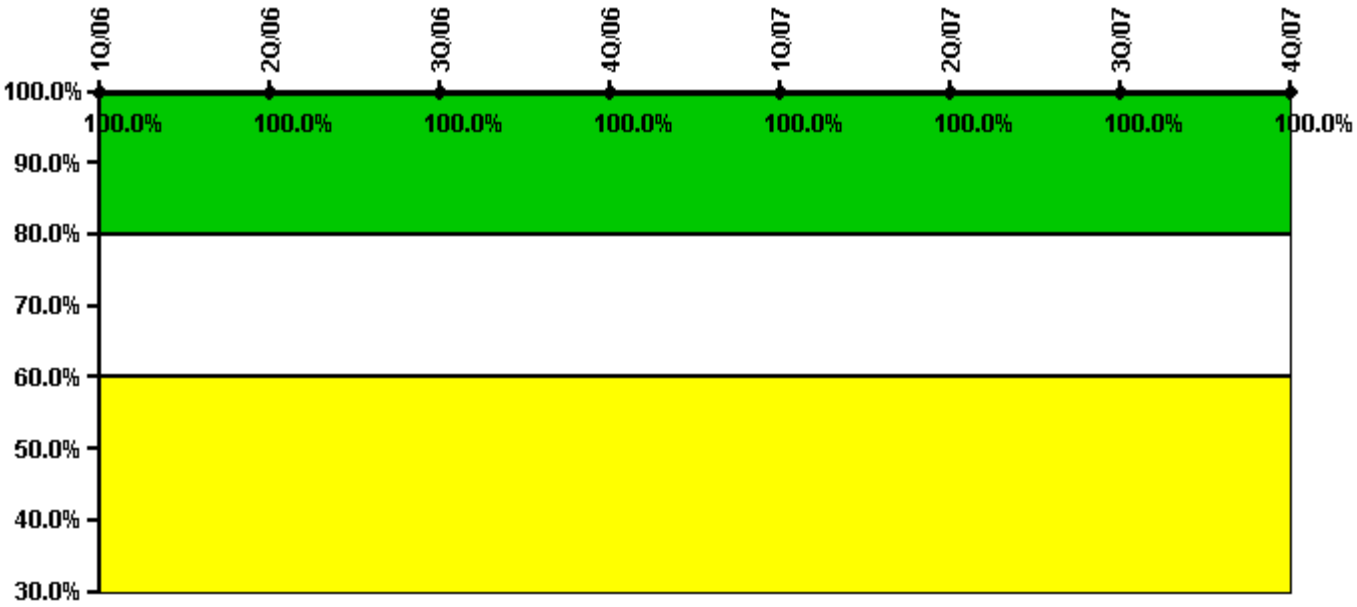
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Successful opportunities	26.0	59.0	50.0	211.0	65.0	15.0	38.0	3.0
Total opportunities	27.0	60.0	52.0	214.0	66.0	16.0	40.0	4.0
Indicator value	**95.1%**	**95.4%**	**95.6%**	**96.7%**	**96.8%**	**97.2%**	**97.5%**	**97.5%**

Licensee Comments: none

ERO Drill Participation



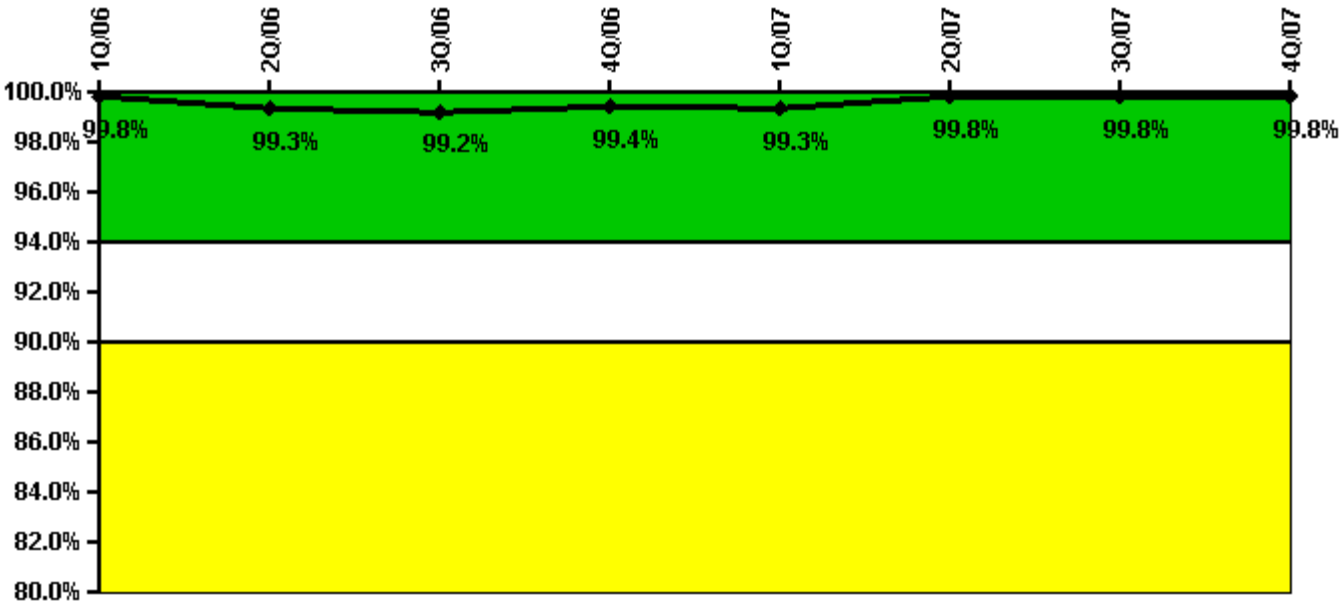
Thresholds: White < 80.0% Yellow < 60.0%

Notes

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

Licensee Comments: none

Alert & Notification System



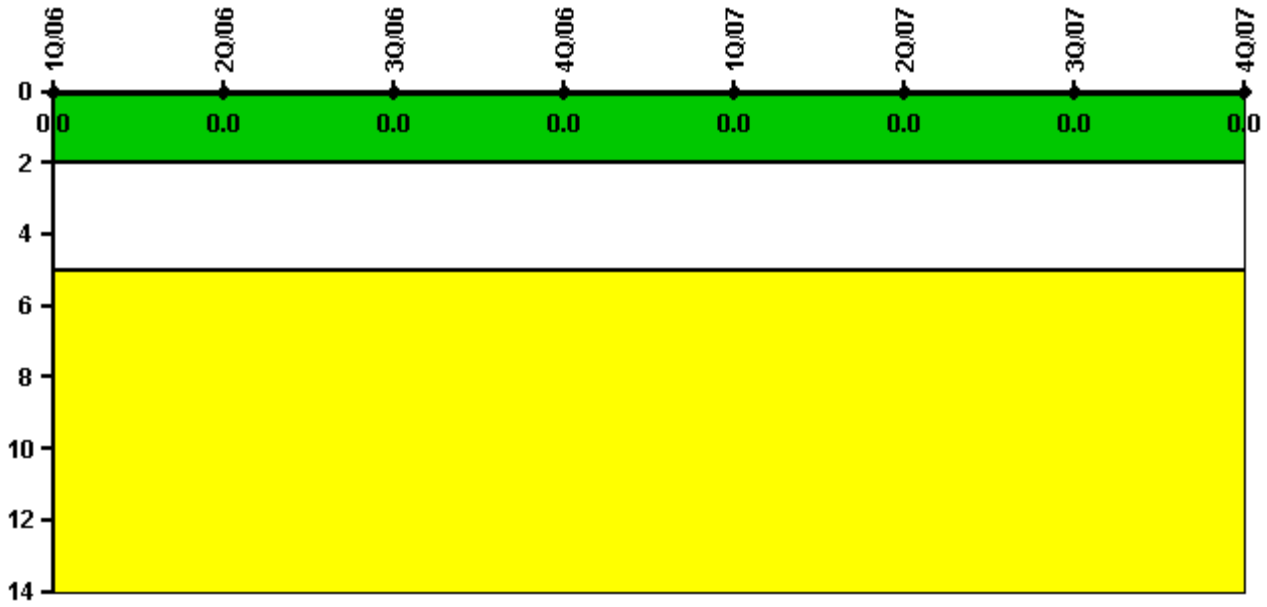
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Successful siren-tests	1247	1223	1242	1248	1246	1244	1245	1245
Total sirens-tests	1248	1248	1248	1248	1248	1248	1248	1247
Indicator value	**99.8%**	**99.3%**	**99.2%**	**99.4%**	**99.3%**	**99.8%**	**99.8%**	**99.8%**

Licensee Comments: none

Occupational Exposure Control Effectiveness



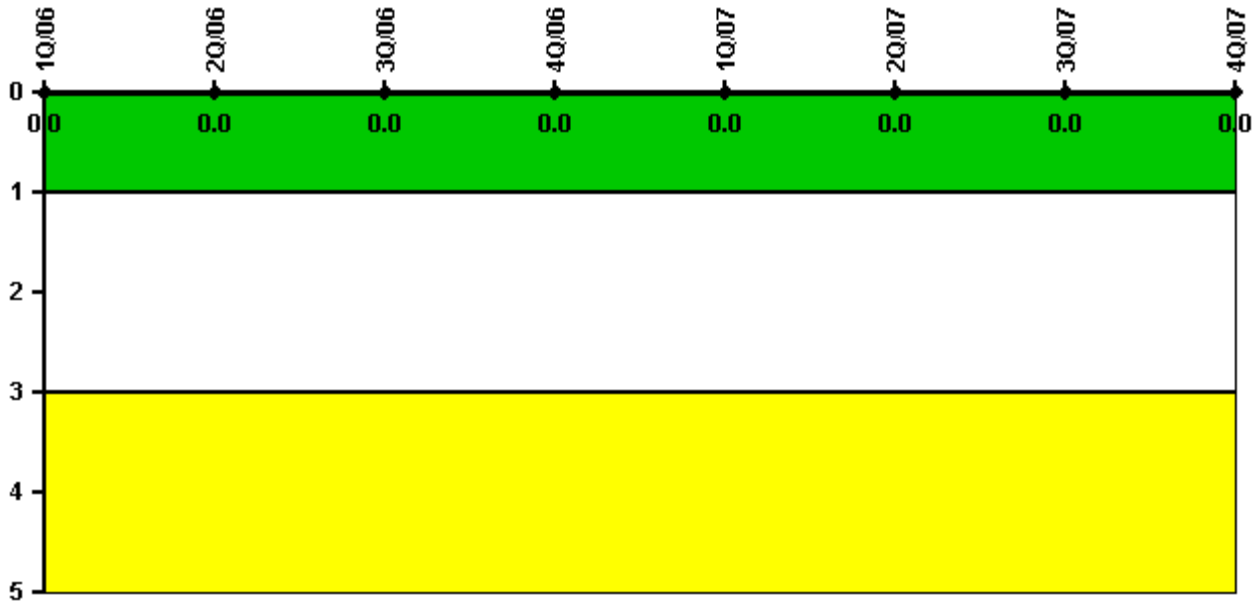
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
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	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
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.

Last Modified: February 4, 2008