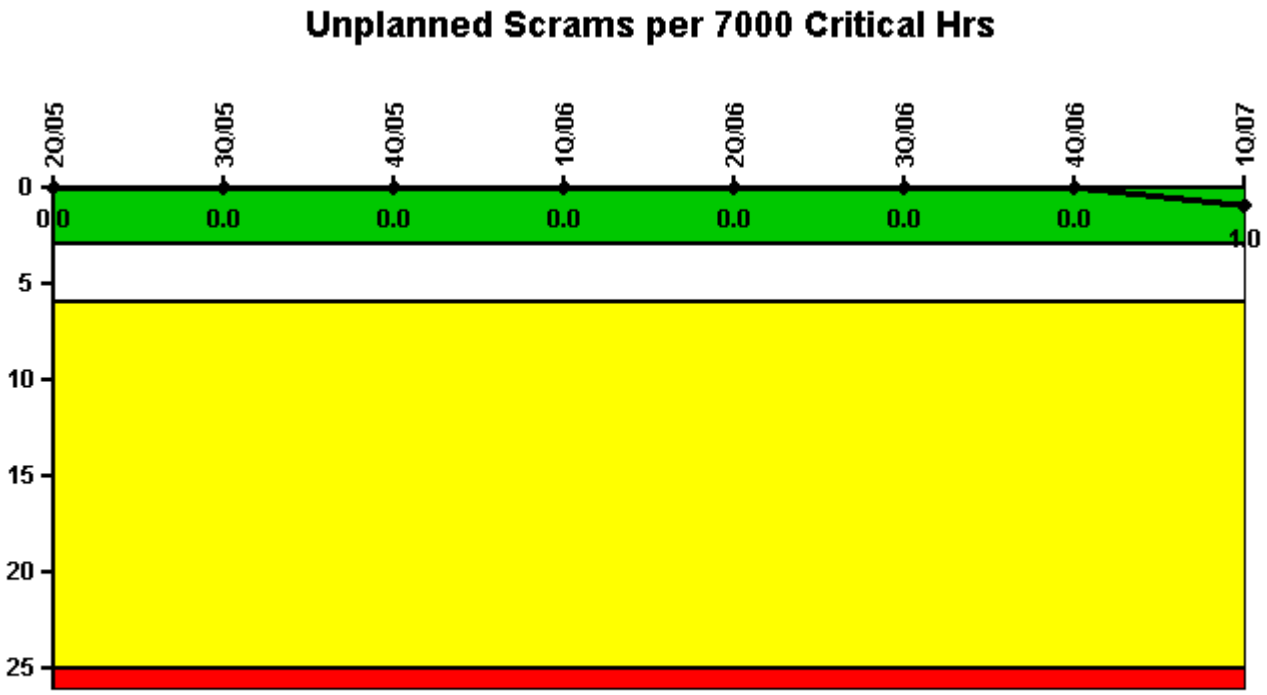
Oconee 1

1Q/2007 Performance Indicators

Licensee's General Comments: none



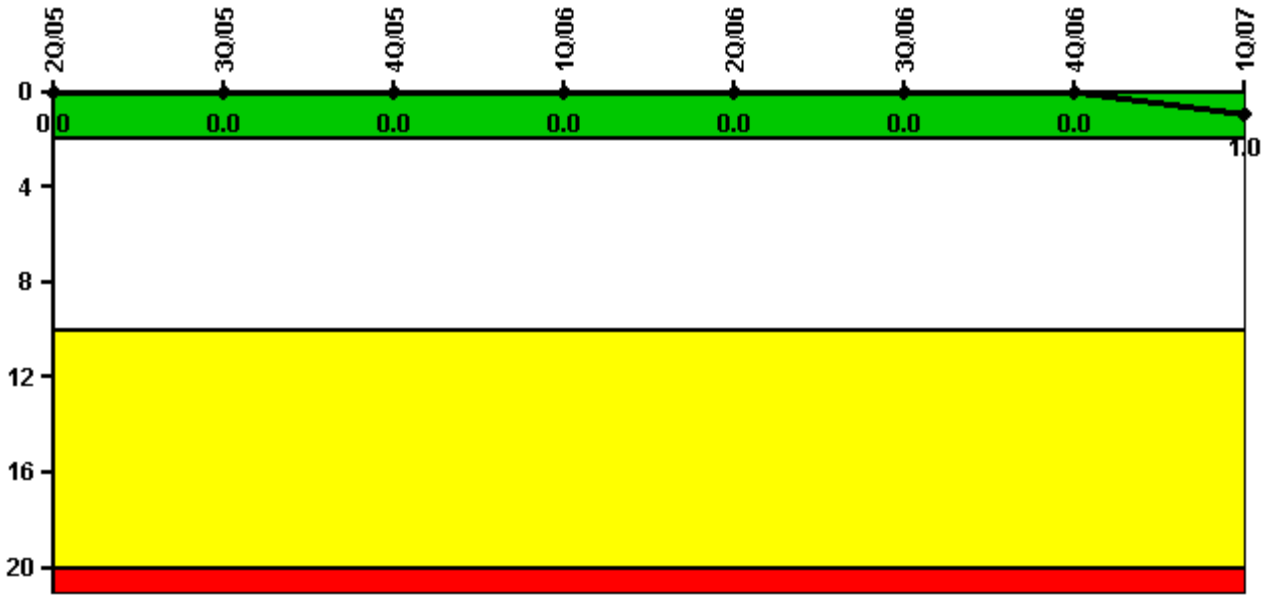
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Unplanned scrams	0	0	0	0	0	0	0	1.0
Critical hours	1322.5	2208.0	2209.0	2160.0	2027.3	2208.0	606.5	1970.6
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1.0**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



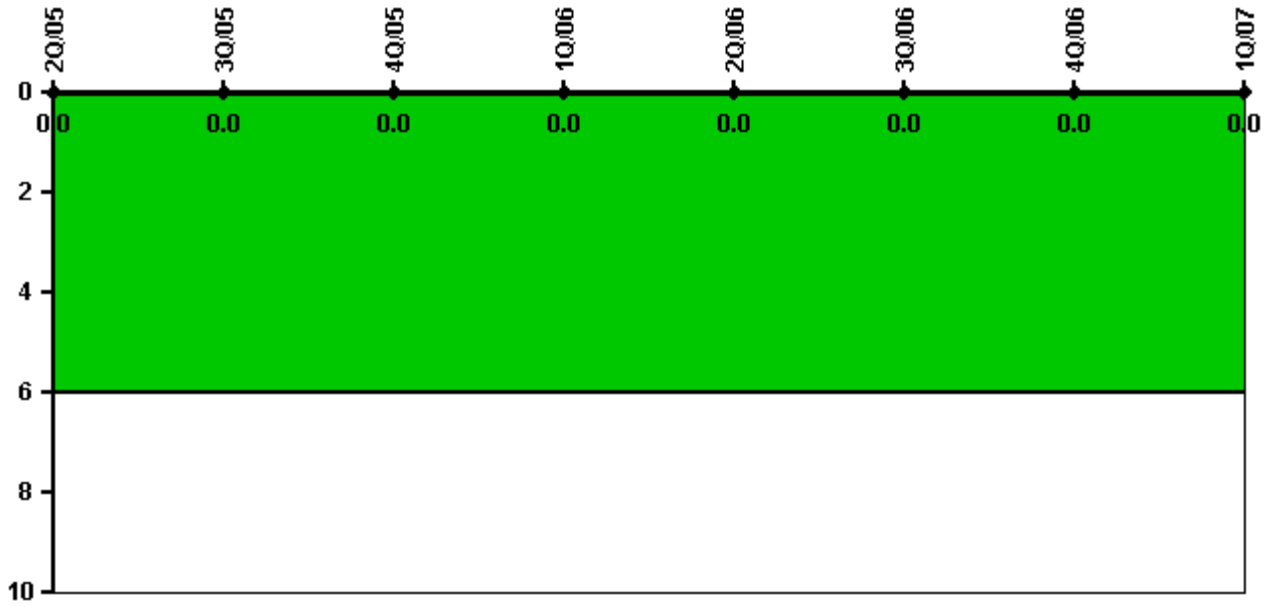
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Scrams	0	0	0	0	0	0	0	1.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1.0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



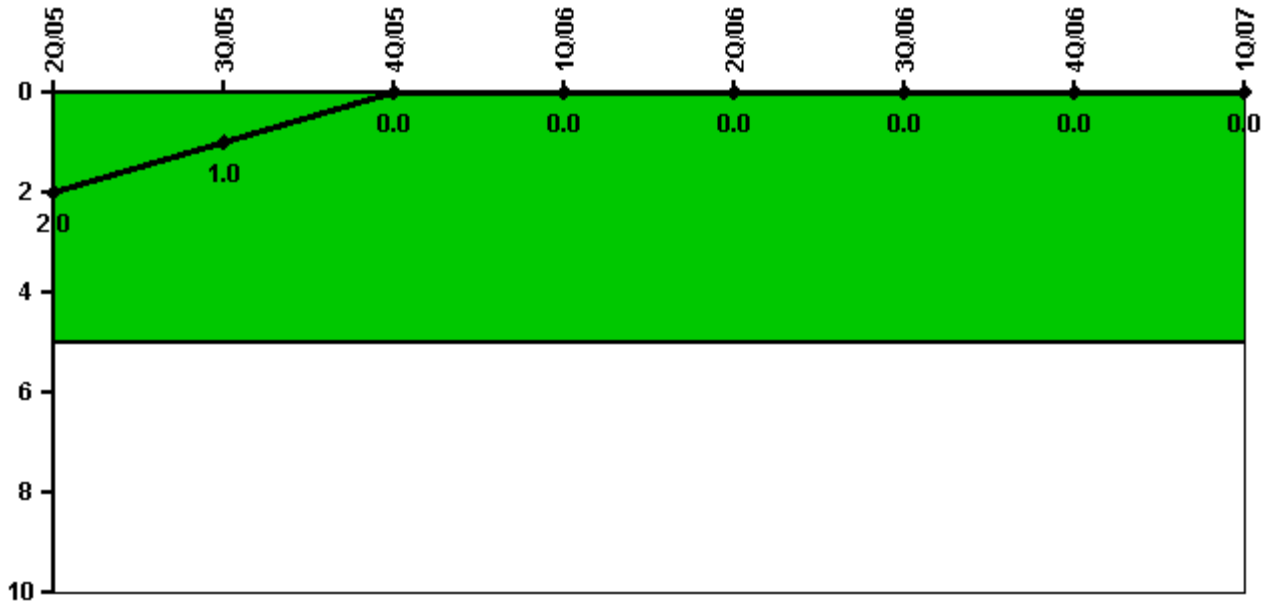
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	1322.5	2208.0	2209.0	2160.0	2027.3	2208.0	606.5	1970.6
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Safety System Functional Failures (PWR)



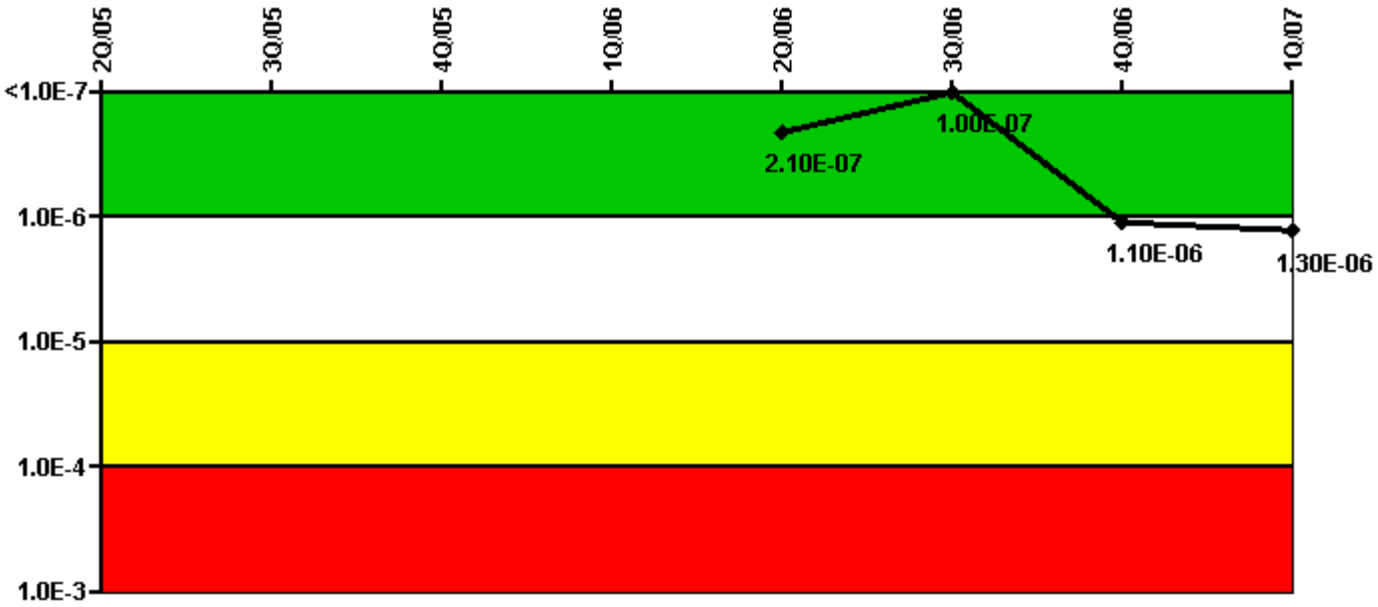
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	**2**	**1**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



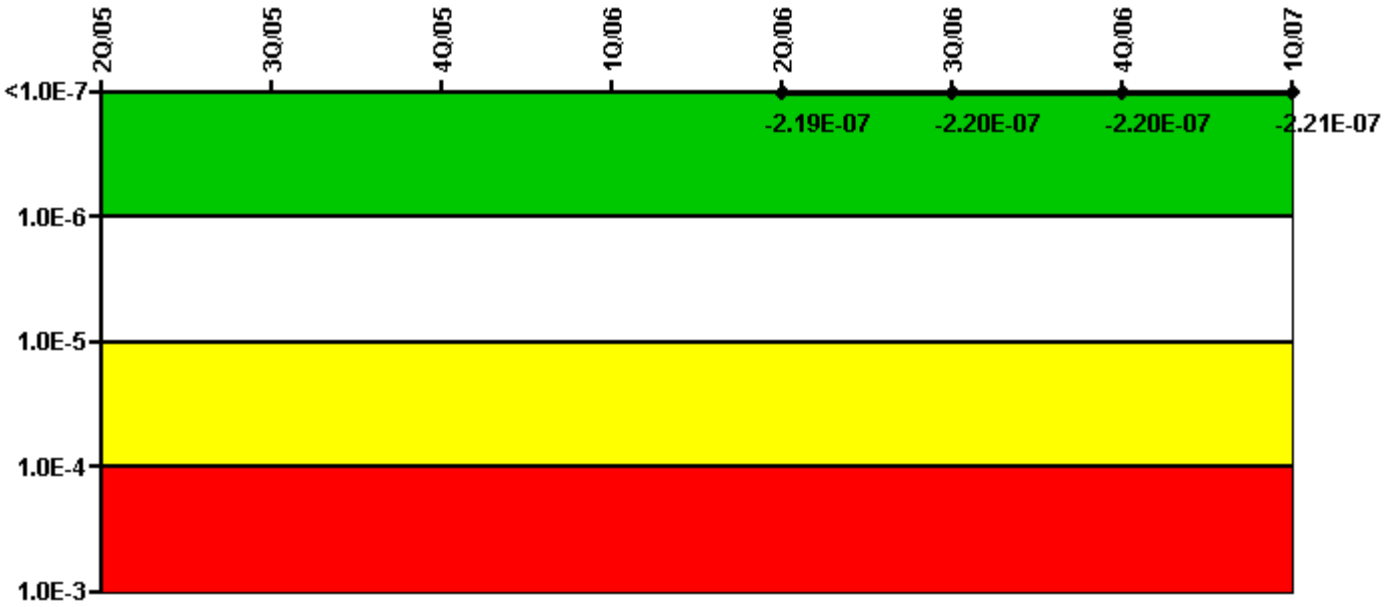
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**2Q/05**	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**
UAI (ΔCDF)					4.00E-07	1.70E-06	2.70E-06	2.90E-06
URI (ΔCDF)					-1.90E-07	-1.60E-06	-1.60E-06	-1.60E-06
PLE					NO	NO	NO	NO
Indicator value					**2.10E-07**	**1.00E-07**	**1.10E-06**	**1.30E-06**

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



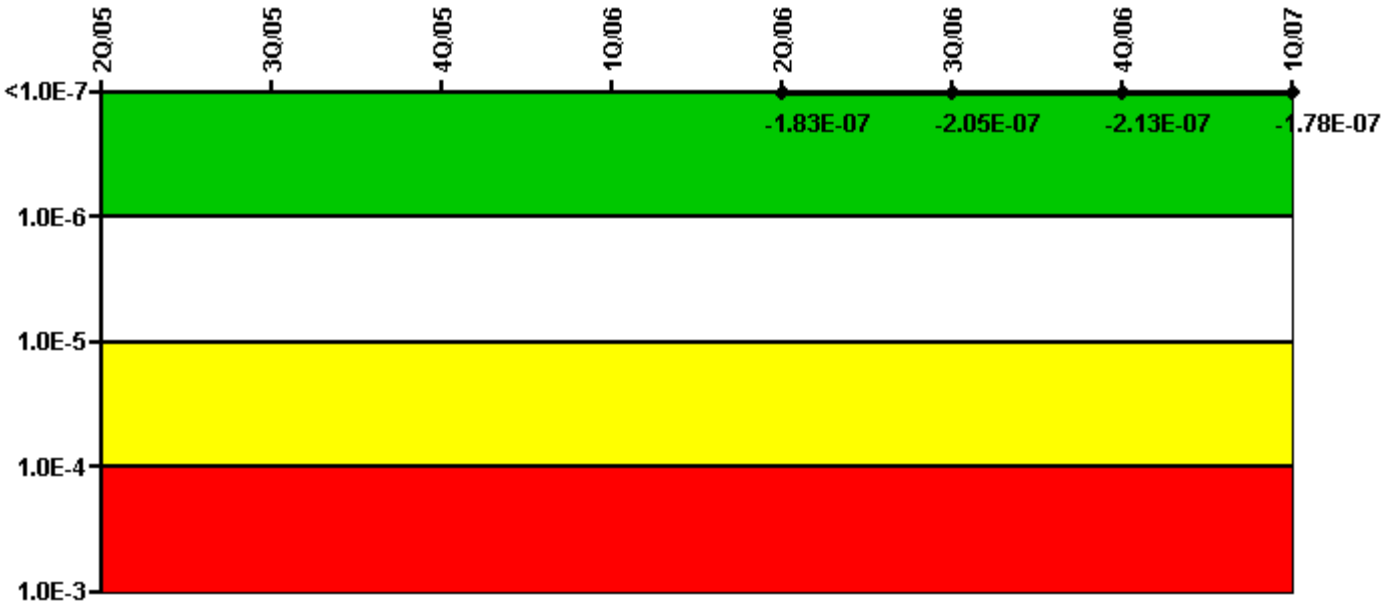
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (ΔCDF)					-4.90E-08	-5.00E-08	-5.00E-08	-5.10E-08
URI (ΔCDF)					-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07
PLE					NO	NO	NO	NO
Indicator value					**-2.19E-07**	**-2.20E-07**	**-2.20E-07**	**-2.21E-07**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



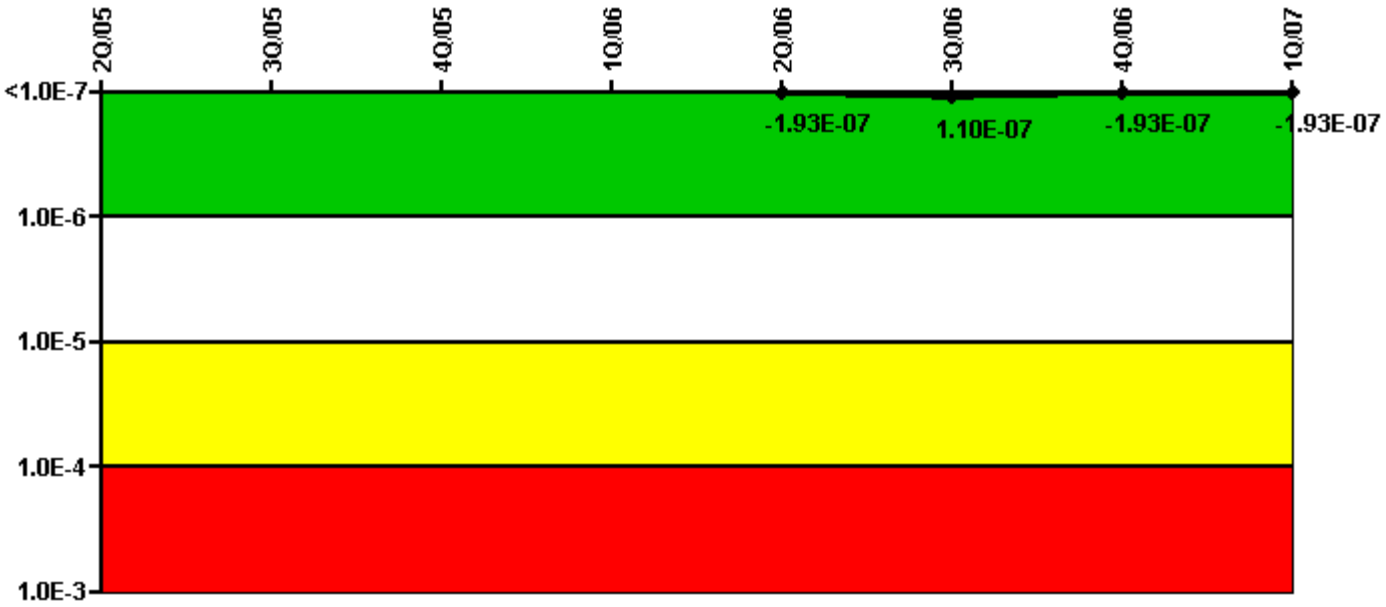
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (ΔCDF)					-1.30E-08	-3.50E-08	-4.30E-08	-5.80E-08
URI (ΔCDF)					-1.70E-07	-1.70E-07	-1.70E-07	-1.20E-07
PLE					NO	NO	NO	NO
Indicator value					**-1.83E-07**	**-2.05E-07**	**-2.13E-07**	**-1.78E-07**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



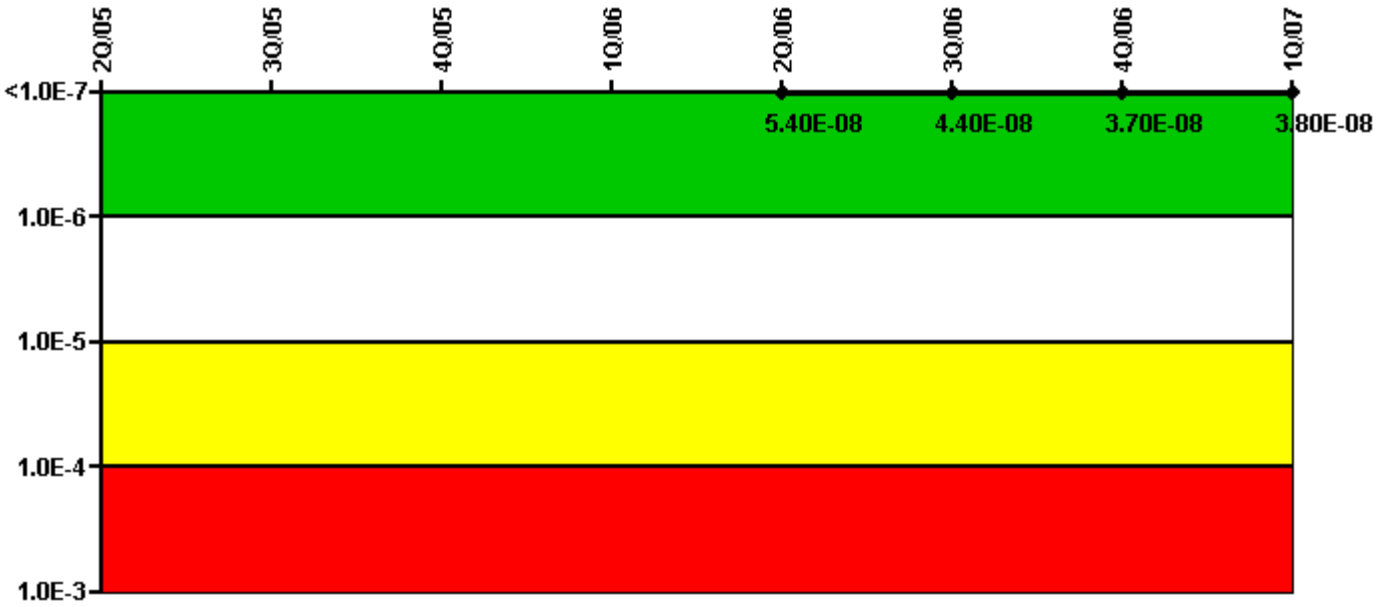
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (ΔCDF)					-6.30E-08	2.40E-07	-6.30E-08	-6.30E-08
URI (ΔCDF)					-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07
PLE					NO	NO	NO	NO
Indicator value					**-1.93E-07**	**1.10E-07**	**-1.93E-07**	**-1.93E-07**

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



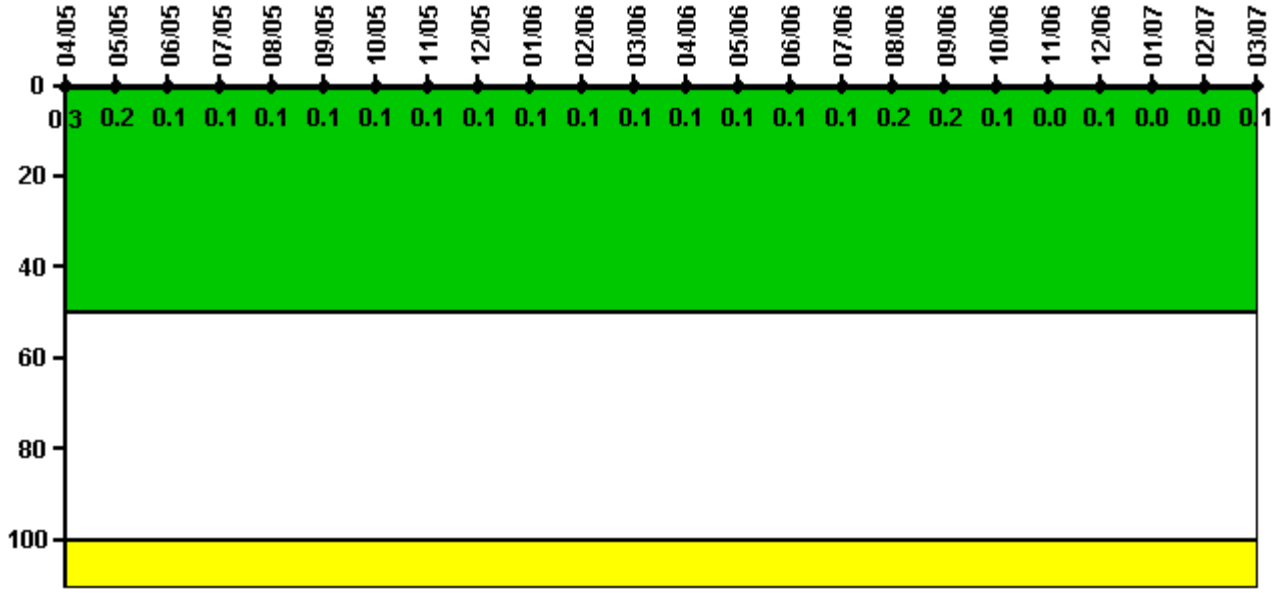
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (ΔCDF)					9.60E-08	8.60E-08	7.90E-08	8.00E-08
URI (ΔCDF)					-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08
PLE					NO	NO	NO	NO
Indicator value					**5.40E-08**	**4.40E-08**	**3.70E-08**	**3.80E-08**

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

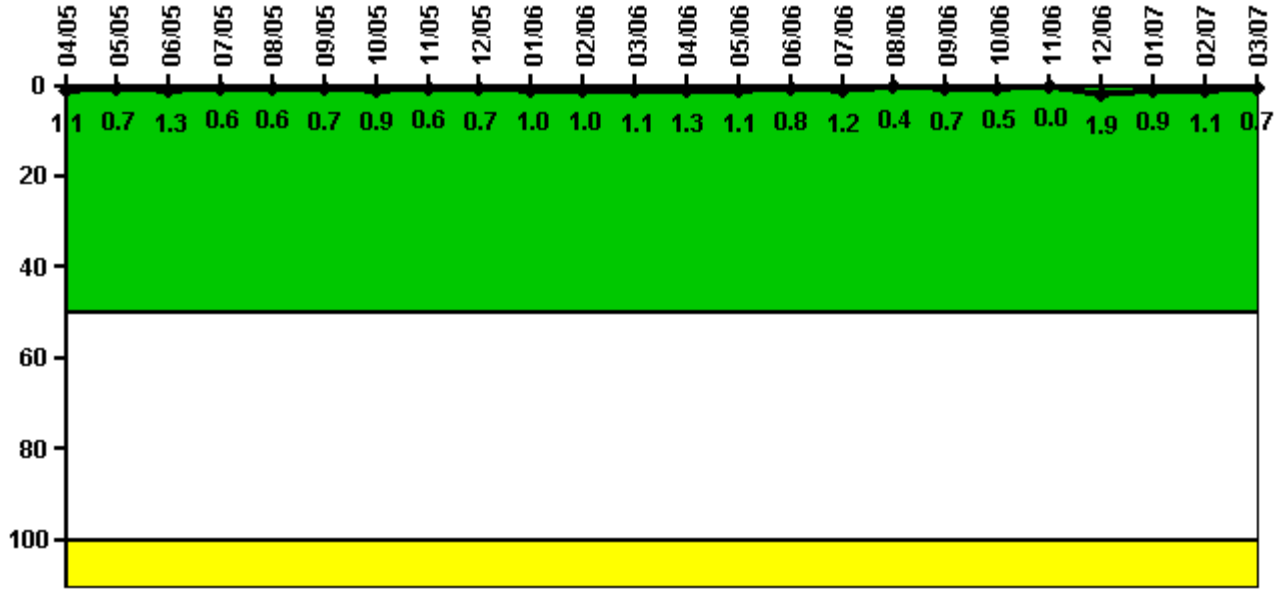
Notes

Reactor Coolant System Activity	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06
Maximum activity	0.002533	0.002178	0.001063	0.001078	0.001091	0.001189	0.001052	0.001184	0.001192	0.001227	0.001240	0.001396
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	**0.3**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

Reactor Coolant System Activity	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07
Maximum activity	0.001277	0.001309	0.001427	0.001410	0.001674	0.001650	0.001216	0	0.000823	0.000371	0.000407	0.001037
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**	**0.1**	**0.1**	**0.1**	**0.2**	**0.2**	**0.1**	**0**	**0.1**	**0**	**0**	**0.1**

Licensee Comments: none

Reactor Coolant System Leakage



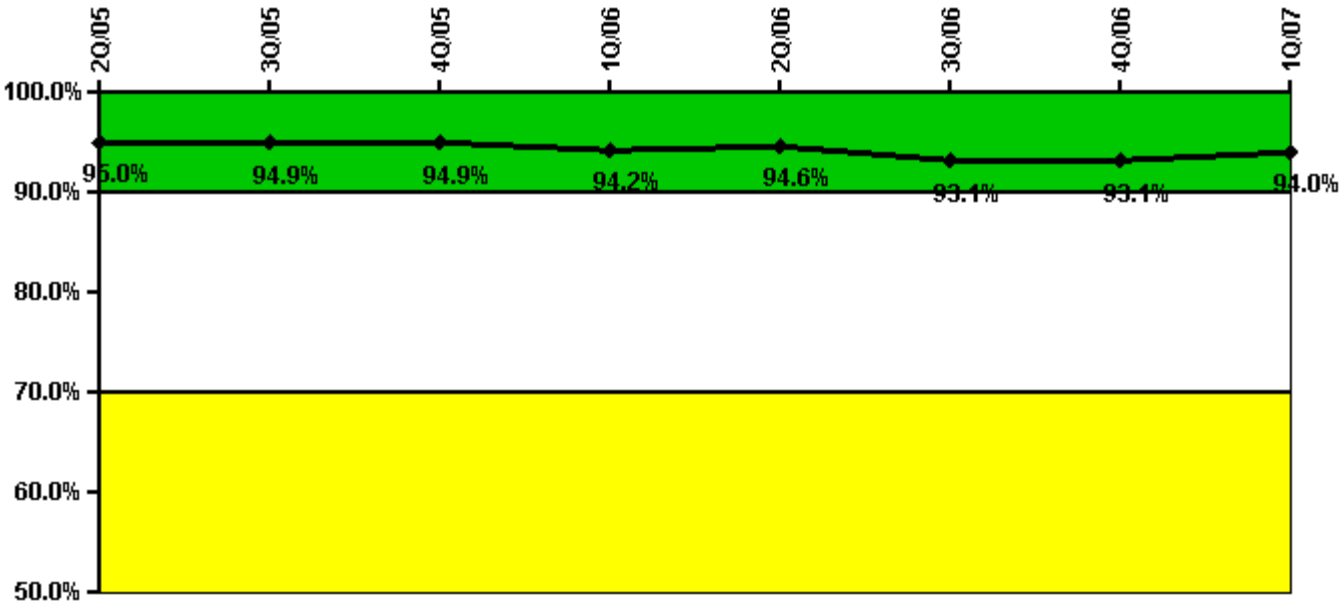
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**4/05**	**5/05**	**6/05**	**7/05**	**8/05**	**9/05**	**10/05**	**11/05**	**12/05**	**1/06**	**2/06**	**3/06**
Maximum leakage	0.110	0.069	0.129	0.061	0.055	0.074	0.094	0.064	0.069	0.097	0.099	0.114
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**	**0.7**	**1.3**	**0.6**	**0.6**	**0.7**	**0.9**	**0.6**	**0.7**	**1.0**	**1.0**	**1.1**
Reactor Coolant System Leakage	**4/06**	**5/06**	**6/06**	**7/06**	**8/06**	**9/06**	**10/06**	**11/06**	**12/06**	**1/07**	**2/07**	**3/07**
Maximum leakage	0.130	0.107	0.083	0.120	0.036	0.068	0.053	0	0.190	0.085	0.112	0.069
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	**1.3**	**1.1**	**0.8**	**1.2**	**0.4**	**0.7**	**0.5**	**0**	**1.9**	**0.9**	**1.1**	**0.7**

Licensee Comments: none

Drill/Exercise Performance



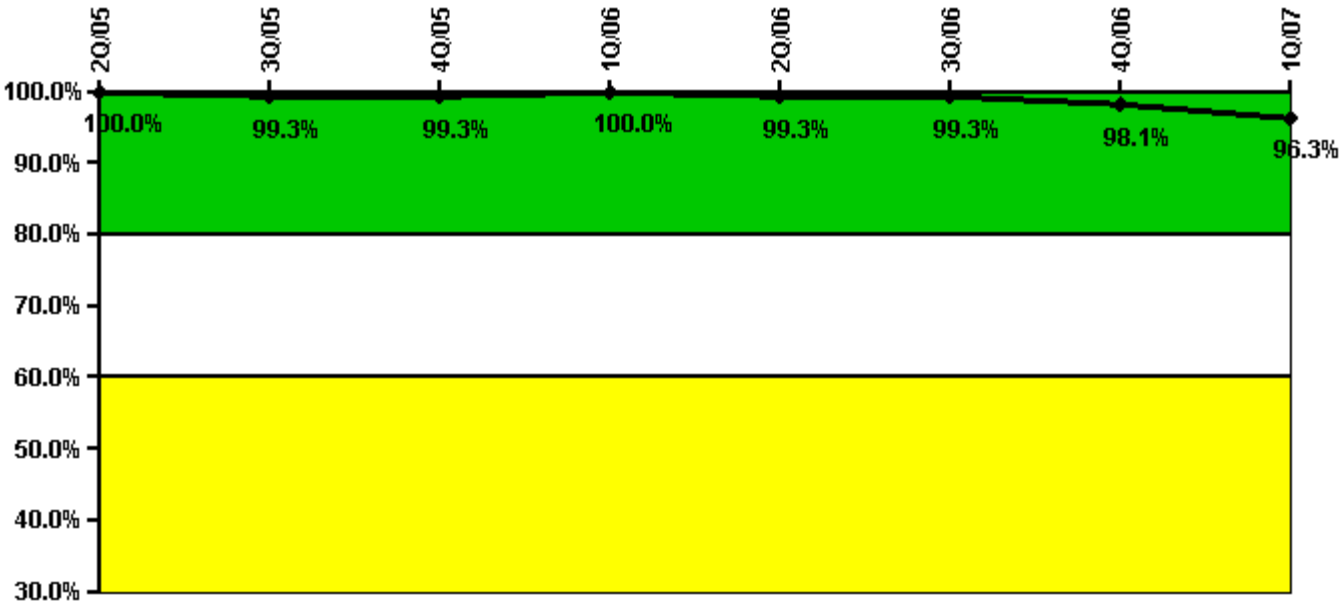
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Successful opportunities	25.0	49.0	9.0	28.0	32.0	32.0	7.0	39.0
Total opportunities	26.0	50.0	10.0	32.0	32.0	37.0	7.0	41.0
Indicator value	**95.0%**	**94.9%**	**94.9%**	**94.2%**	**94.6%**	**93.1%**	**93.1%**	**94.0%**

Licensee Comments: none

ERO Drill Participation



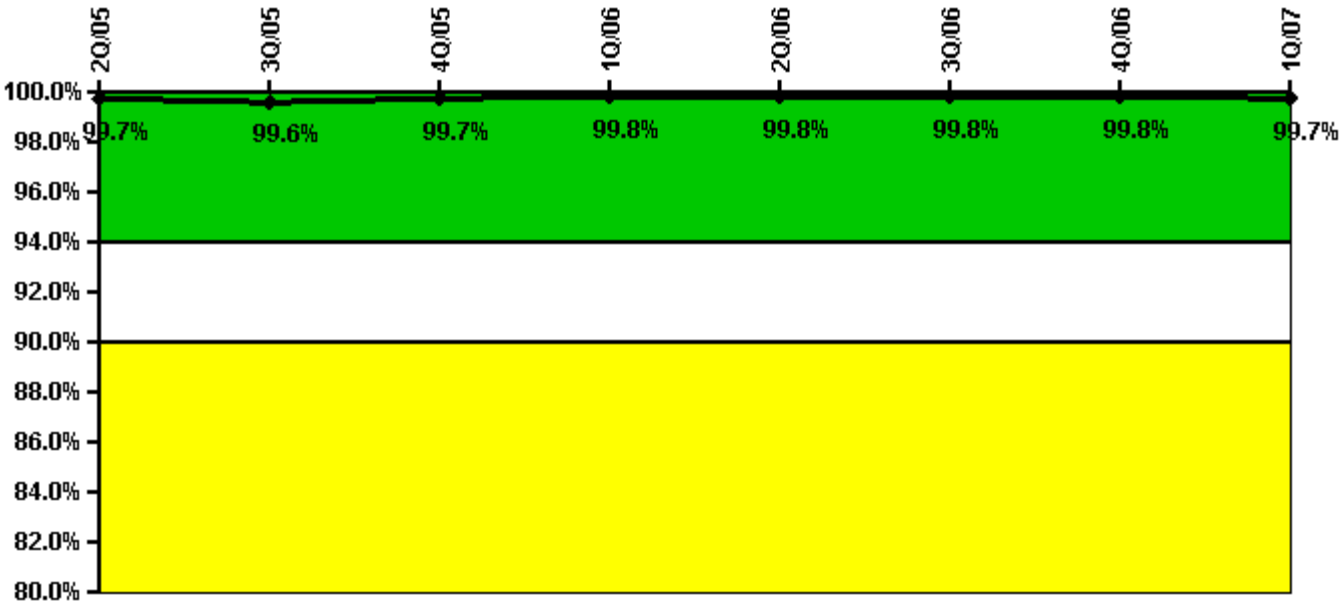
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Participating Key personnel	154.0	151.0	152.0	152.0	150.0	150.0	159.0	155.0
Total Key personnel	154.0	152.0	153.0	152.0	151.0	151.0	162.0	161.0
Indicator value	**100.0%**	**99.3%**	**99.3%**	**100.0%**	**99.3%**	**99.3%**	**98.1%**	**96.3%**

Licensee Comments: none

Alert & Notification System



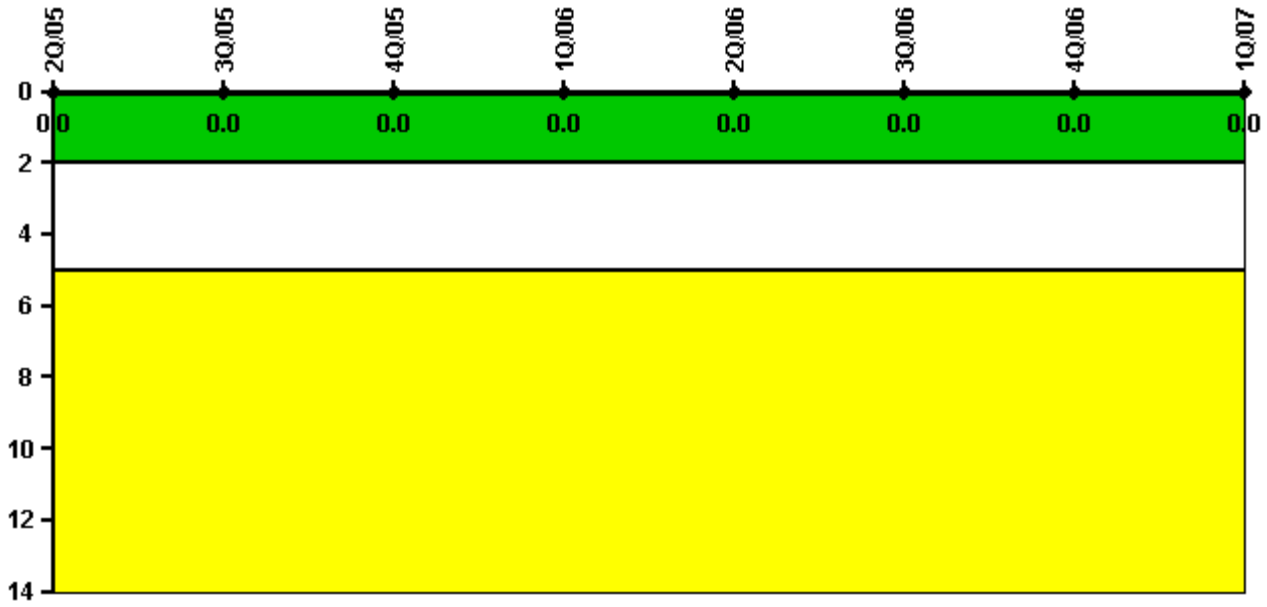
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Successful siren-tests	1620	1555	1558	1651	1683	1620	1688	1684
Total sirens-tests	1625	1560	1557	1653	1690	1625	1690	1690
Indicator value	**99.7%**	**99.6%**	**99.7%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.7%**

Licensee Comments: none

Occupational Exposure Control Effectiveness



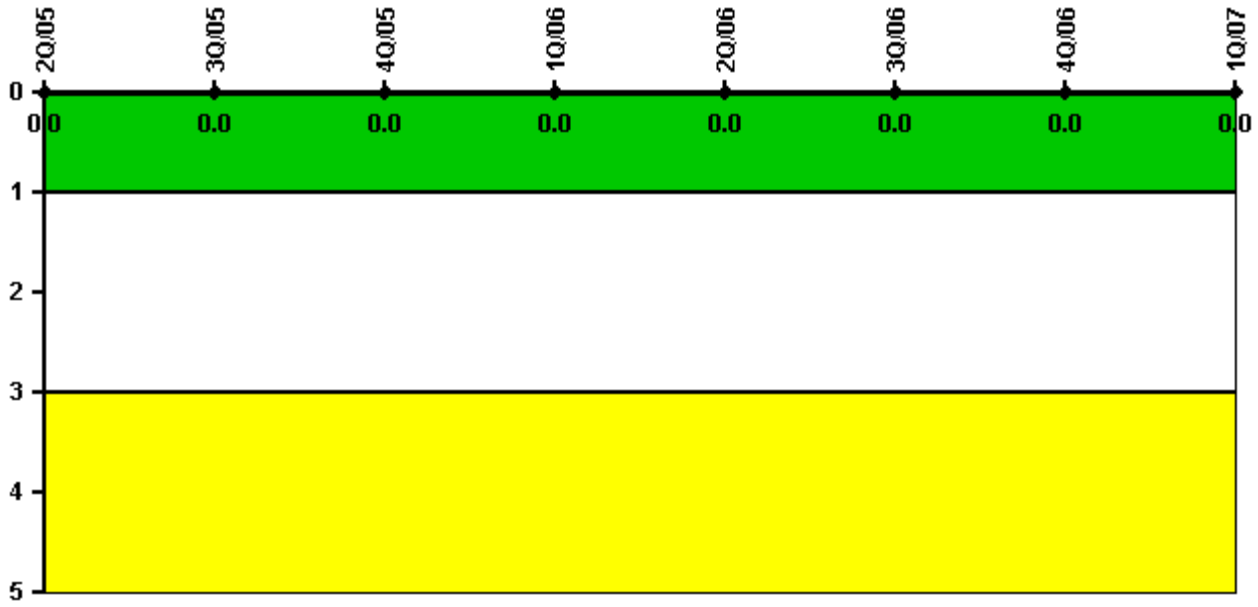
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/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	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/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: June 1, 2007