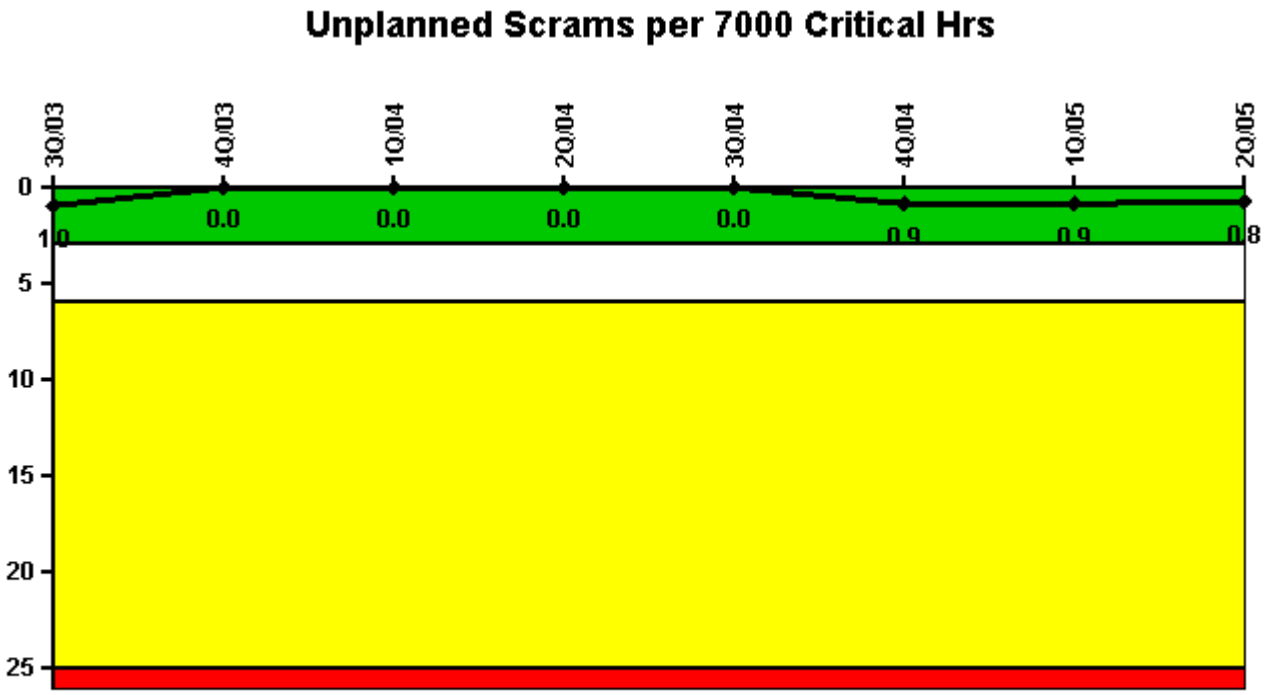
Vogtle 2

2Q/2005 Performance Indicators

Licensee's General Comments: none



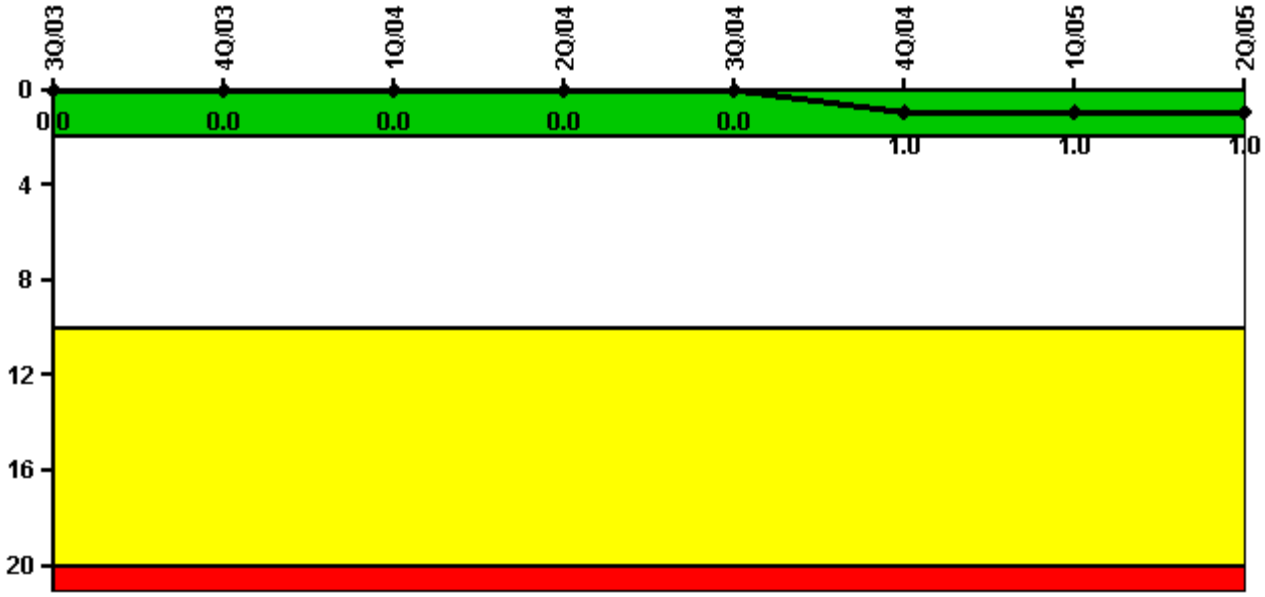
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Unplanned scrams	0	0	0	0	0	1.0	0	0
Critical hours	1930.2	2209.0	2184.0	1502.5	2195.1	2172.2	2160.0	1795.9
Indicator value	**1.0**	**0**	**0**	**0**	**0**	**0.9**	**0.9**	**0.8**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



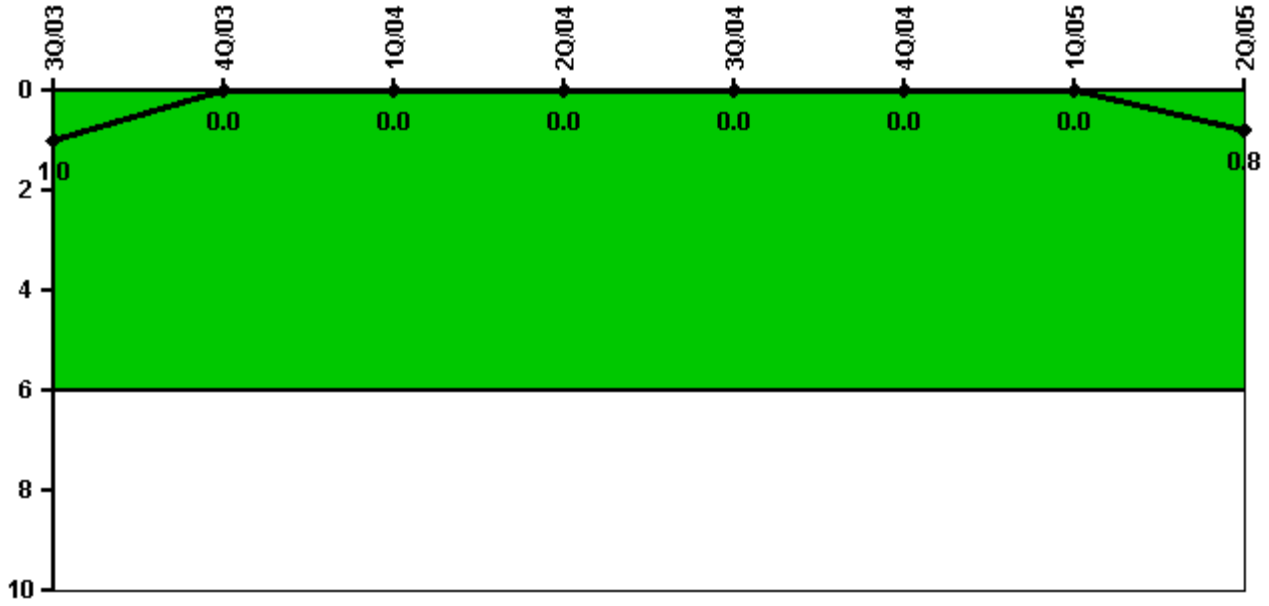
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Scrams	0	0	0	0	0	1.0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**1.0**	**1.0**	**1.0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



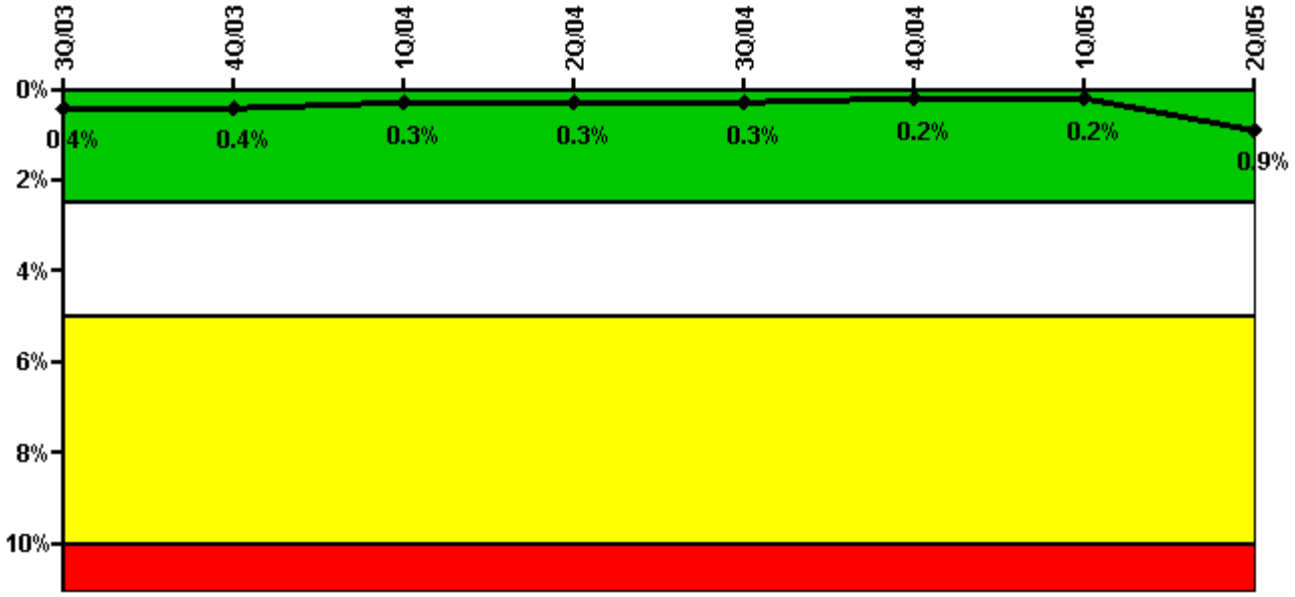
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Unplanned power changes	0	0	0	0	0	0	0	1.0
Critical hours	1930.2	2209.0	2184.0	1502.5	2195.1	2172.2	2160.0	1795.9
Indicator value	**1.0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.8**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



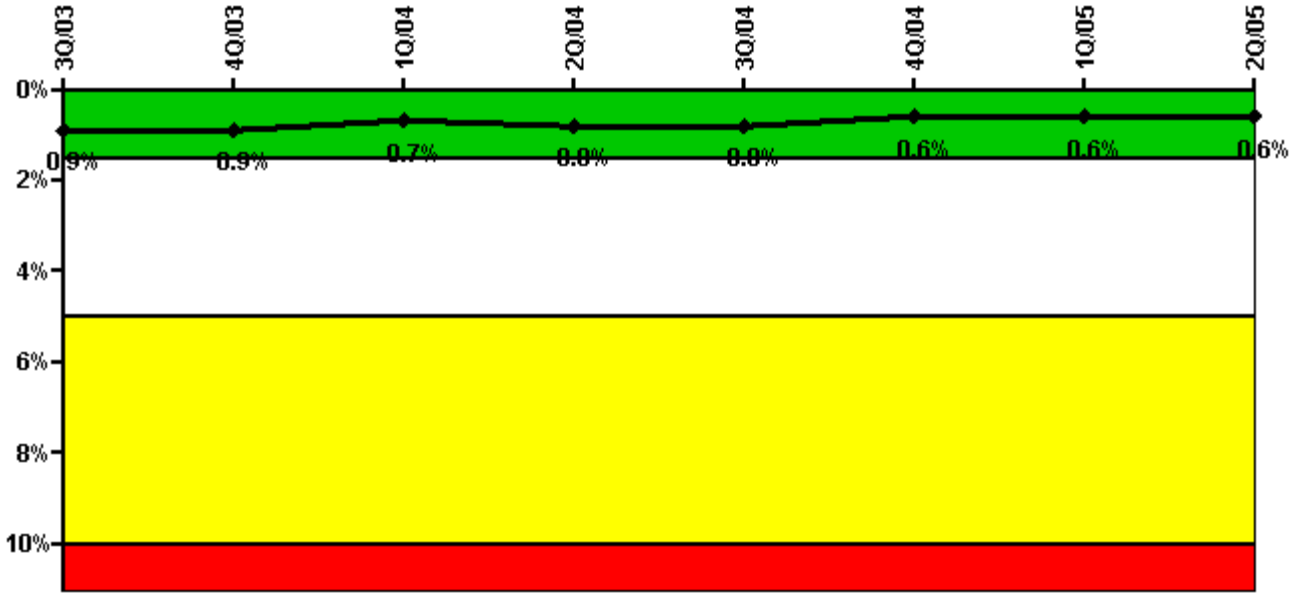
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	1.87	1.74	6.07	2.07	2.11	1.80	2.86	1.95
Unplanned unavailable hours	0	0	0	0	0	0	0	37.37
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	21.08	3.18	2.11	1.57	3.12	2.07	2.22	5.10
Unplanned unavailable hours	0	0	0	0	0	0	0	16.47
Fault exposure hours	0	0	0	0	0	0	0	334.70
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	**0.4%**	**0.4%**	**0.3%**	**0.3%**	**0.3%**	**0.2%**	**0.2%**	**0.9%**

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)

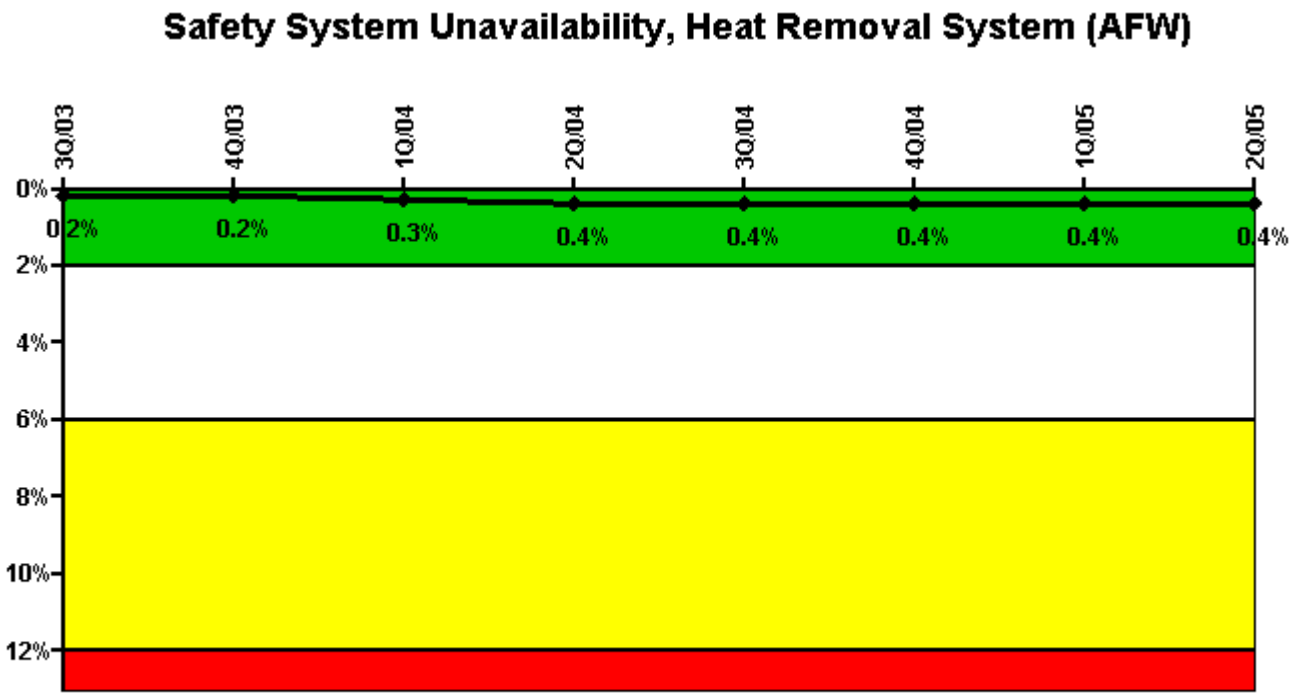


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	5.85	2.06	18.52	0.62	16.27	5.60	3.13	8.99
Unplanned unavailable hours	0	0	1.30	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1930.16	2209.00	2184.00	1502.50	2195.07	2172.23	2160.00	1795.85
Train 2								
Planned unavailable hours	23.56	8.29	4.96	47.84	6.09	2.53	9.03	4.89
Unplanned unavailable hours	0	0	1.90	19.58	0	0	0	0
Fault exposure hours	0	0	0	6.30	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1930.16	2209.00	2184.00	1502.50	2195.07	2172.23	2160.00	1795.85
Train 3								
Planned unavailable hours	6.40	22.45	18.42	5.91	8.06	9.18	4.75	11.58
Unplanned unavailable hours	0	0	1.30	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1930.16	2209.00	2184.00	1502.50	2195.07	2172.23	2160.00	1795.85
Train 4								
Planned unavailable hours	24.36	10.32	5.84	20.80	8.18	42.90	11.39	6.38
Unplanned unavailable hours	0	0	1.90	19.58	0	0	0	0
Fault exposure hours	0	0	0	6.30	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1930.16	2209.00	2184.00	1502.50	2195.07	2172.23	2160.00	1795.85
Indicator value	**0.9%**	**0.9%**	**0.7%**	**0.8%**	**0.8%**	**0.6%**	**0.6%**	**0.6%**

Licensee Comments: none



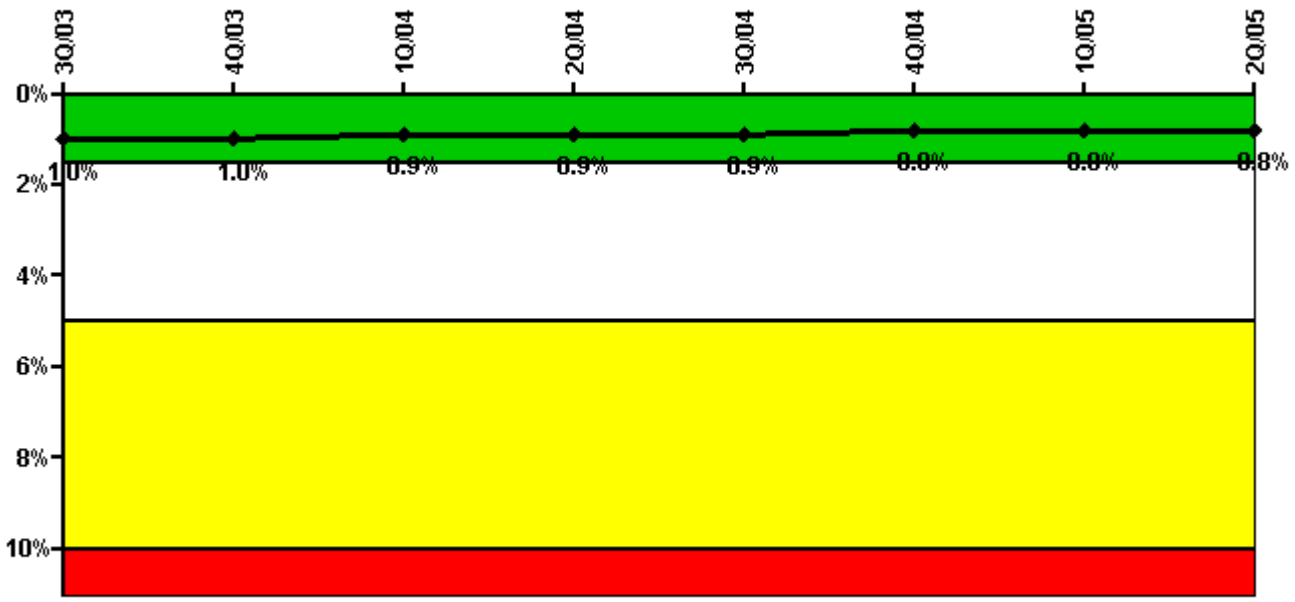
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	7.83	1.77	19.44	14.92	5.95	23.17	29.28	8.72
Unplanned unavailable hours	0	0	0	2.27	0	0	0	0
Fault exposure hours	9.90	0	0	60.42	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1930.16	2209.00	2184.00	1502.50	2195.07	2172.23	2160.00	1795.85
Train 2								
Planned unavailable hours	4.32	7.45	21.63	5.45	18.98	2.20	11.68	1.92
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1930.16	2209.00	2184.00	1502.50	2195.07	2172.23	2160.00	1795.85
Train 3								
Planned unavailable hours	0	0.65	0.85	2.10	0	0.80	0	0.58
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1930.16	2209.00	2184.00	1502.50	2195.07	2172.23	2160.00	1795.85
Indicator value	**0.2%**	**0.2%**	**0.3%**	**0.4%**	**0.4%**	**0.4%**	**0.4%**	**0.4%**

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



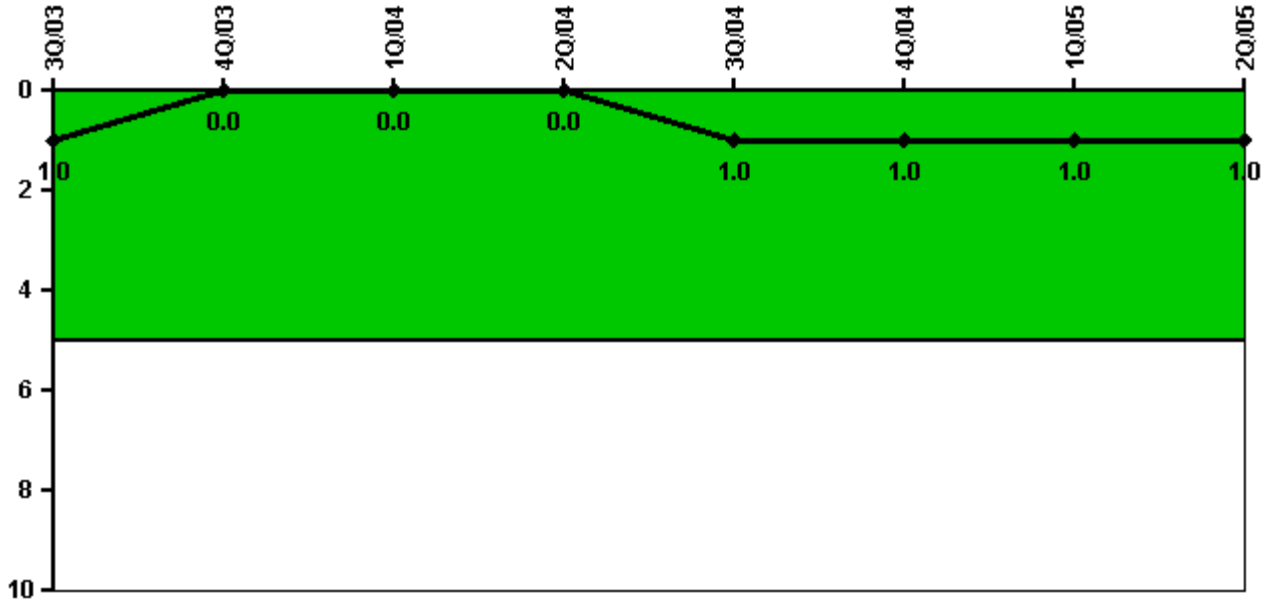
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	7.43	3.75	29.07	2.50	18.47	8.19	4.63	11.50
Unplanned unavailable hours	0	0	1.30	0.18	0.02	0	0	3.57
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2087.60	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	26.31	11.61	28.15	20.23	17.29	11.43	12.44	7.40
Unplanned unavailable hours	0	0	1.90	19.58	0	0	0	0
Fault exposure hours	0	0	0	6.30	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2087.60	2208.00	2209.00	2160.00	2183.00
Indicator value	**1.0%**	**1.0%**	**0.9%**	**0.9%**	**0.9%**	**0.8%**	**0.8%**	**0.8%**

Licensee Comments: none

Safety System Functional Failures (PWR)



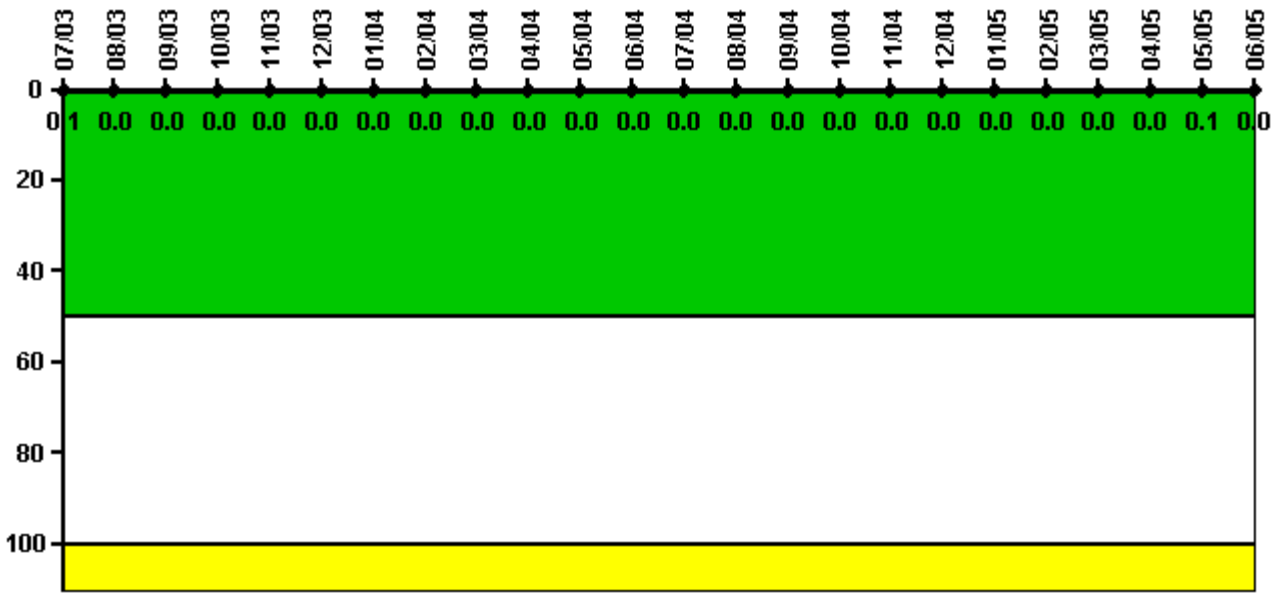
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Safety System Functional Failures	0	0	0	0	1	0	0	0
Indicator value	**1**	**0**	**0**	**0**	**1**	**1**	**1**	**1**

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

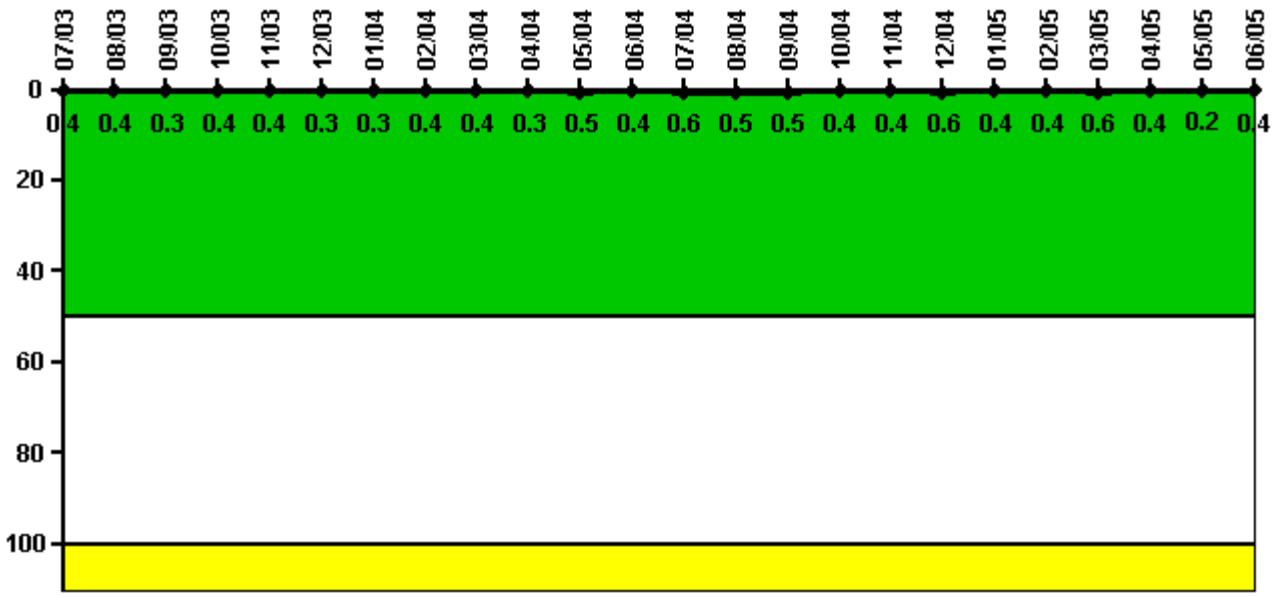
Notes

Reactor Coolant System Activity	**7/03**	**8/03**	**9/03**	**10/03**	**11/03**	**12/03**	**1/04**	**2/04**	**3/04**	**4/04**	**5/04**	**6/04**
Maximum activity	0.000736	0.000356	0.000389	0.000375	0.000377	0.000409	0.000420	0.000400	0.000416	0.000411	0.000205	0.000231
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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Reactor Coolant System Activity	**7/04**	**8/04**	**9/04**	**10/04**	**11/04**	**12/04**	**1/05**	**2/05**	**3/05**	**4/05**	**5/05**	**6/05**
Maximum activity	0.000218	0.000250	0.000271	0.000235	0.000300	0.000307	0.000314	0.000334	0.000340	0.000374	0.000700	0.000370
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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.1**	**0**

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

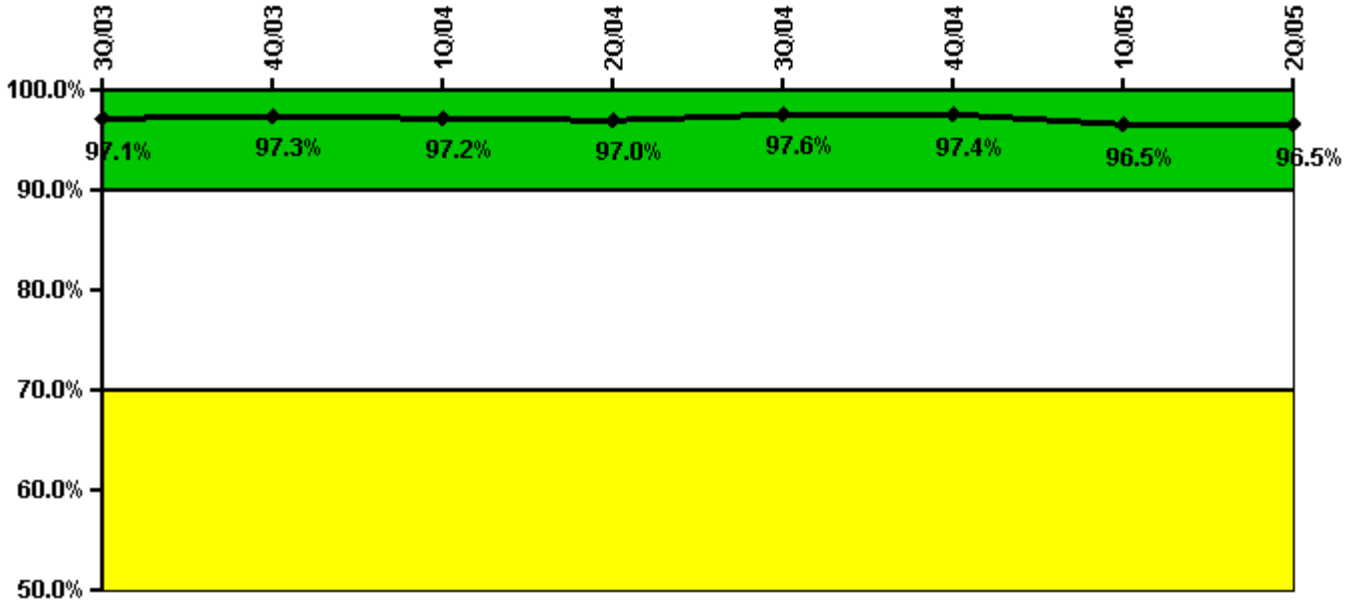
Notes

Reactor Coolant System Leakage	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04
Maximum leakage	0.040	0.041	0.033	0.043	0.038	0.032	0.028	0.039	0.037	0.032	0.054	0.038
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	**0.4**	**0.4**	**0.3**	**0.4**	**0.4**	**0.3**	**0.3**	**0.4**	**0.4**	**0.3**	**0.5**	**0.4**

Reactor Coolant System Leakage	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05
Maximum leakage	0.057	0.050	0.047	0.042	0.044	0.058	0.042	0.044	0.056	0.044	0.017	0.043
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	**0.6**	**0.5**	**0.5**	**0.4**	**0.4**	**0.6**	**0.4**	**0.4**	**0.6**	**0.4**	**0.2**	**0.4**

Licensee Comments: none

Drill/Exercise Performance



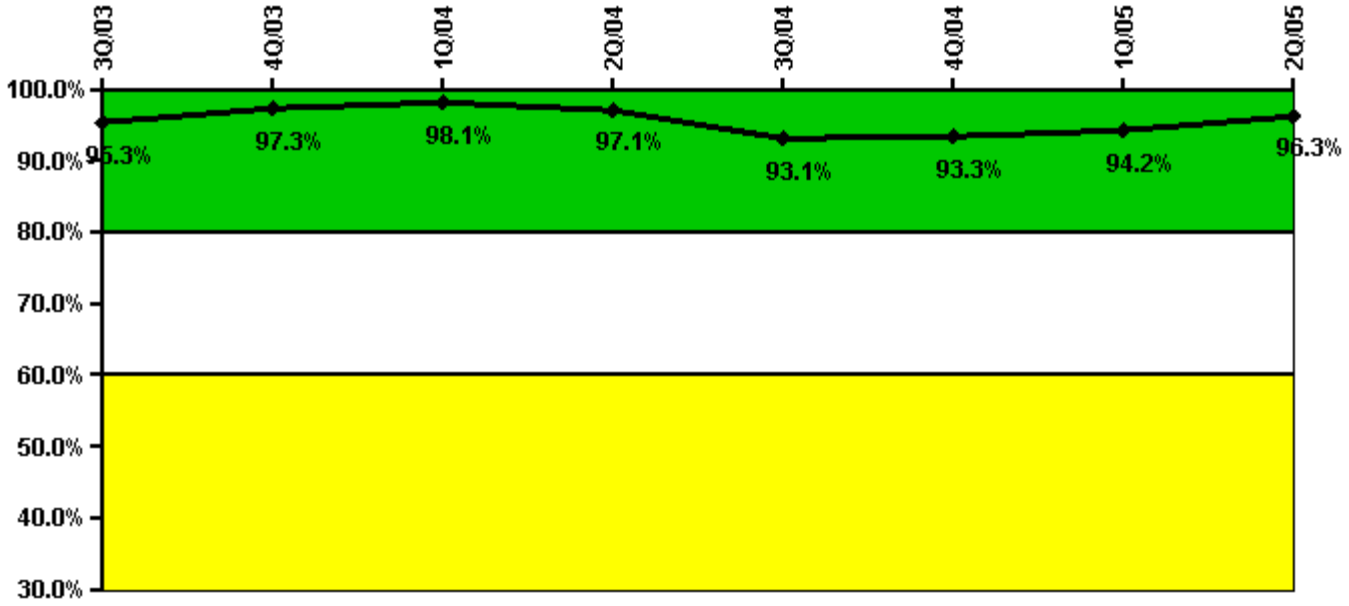
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Successful opportunities	72.0	79.0	24.0	21.0	54.0	3.0	38.0	16.0
Total opportunities	74.0	81.0	24.0	22.0	55.0	4.0	42.0	16.0
Indicator value	**97.1%**	**97.3%**	**97.2%**	**97.0%**	**97.6%**	**97.4%**	**96.5%**	**96.5%**

Licensee Comments: none

ERO Drill Participation



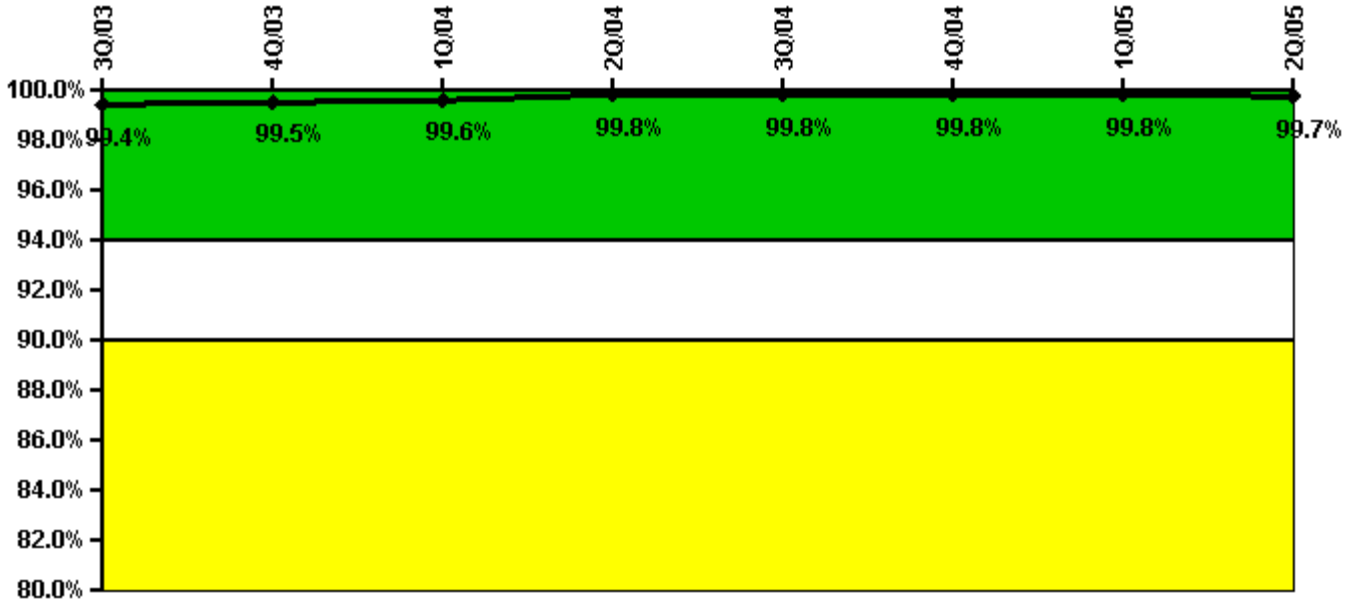
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Participating Key personnel	101.0	108.0	105.0	99.0	95.0	97.0	98.0	104.0
Total Key personnel	106.0	111.0	107.0	102.0	102.0	104.0	104.0	108.0
Indicator value	**95.3%**	**97.3%**	**98.1%**	**97.1%**	**93.1%**	**93.3%**	**94.2%**	**96.3%**

Licensee Comments: none

Alert & Notification System



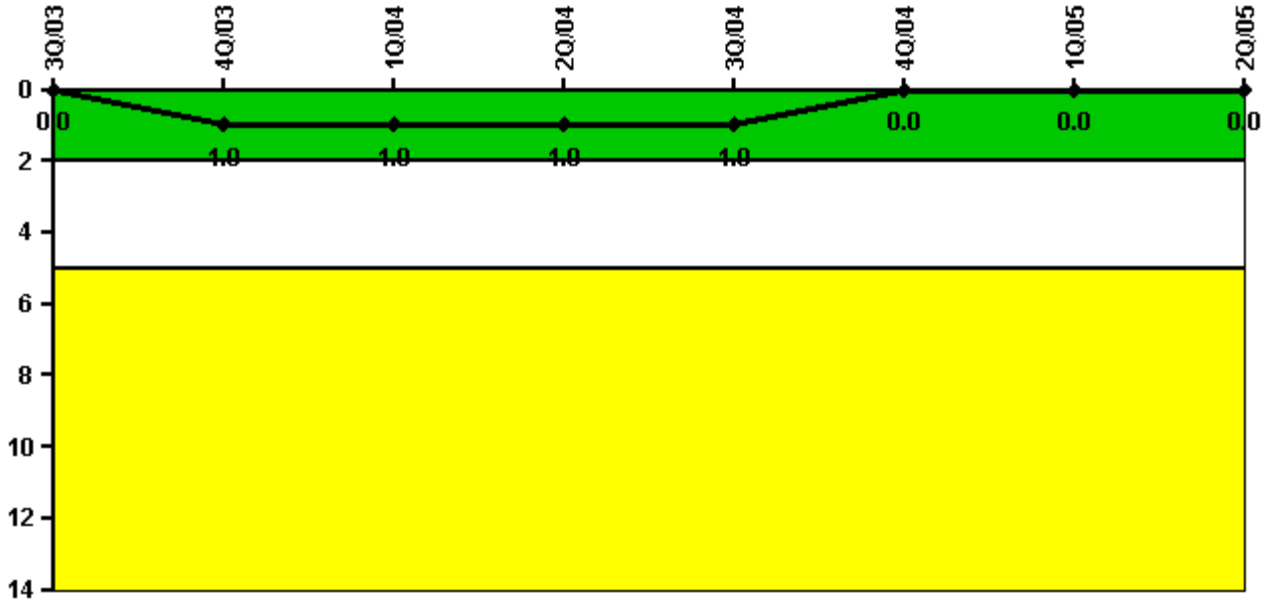
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Successful siren-tests	609	611	609	611	608	610	611	607
Total sirens-tests	611	611	611	611	611	611	611	611
Indicator value	**99.4%**	**99.5%**	**99.6%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.7%**

Licensee Comments: none

Occupational Exposure Control Effectiveness



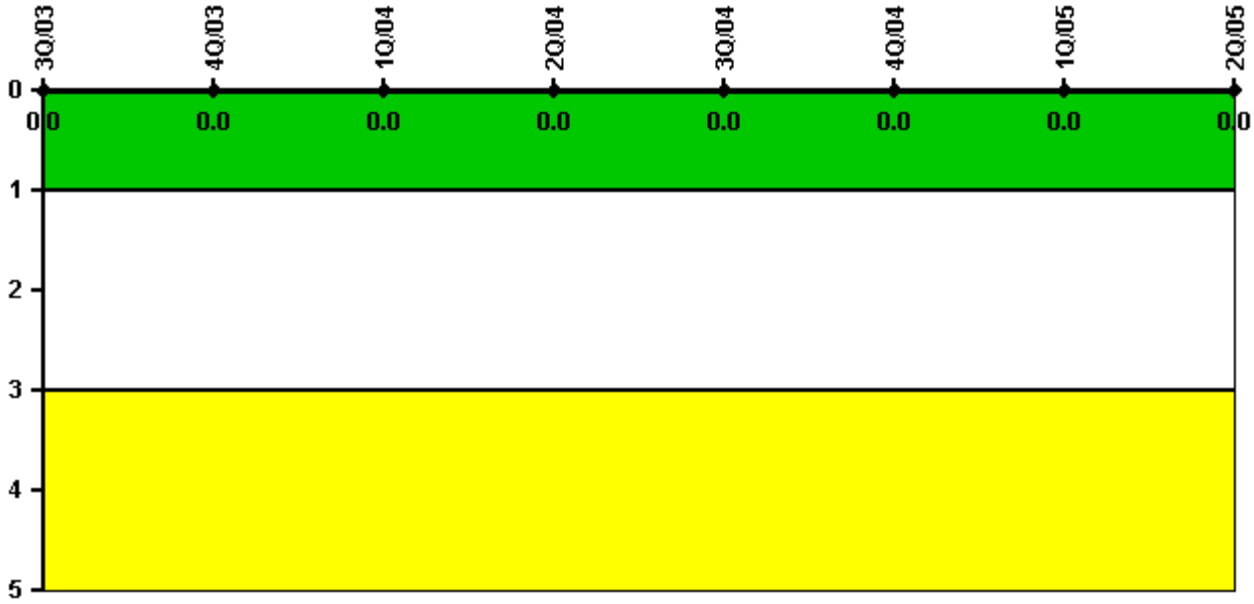
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
High radiation area occurrences	0	1	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**	**1**	**1**	**1**	**1**	**0**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
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: August 3, 2005