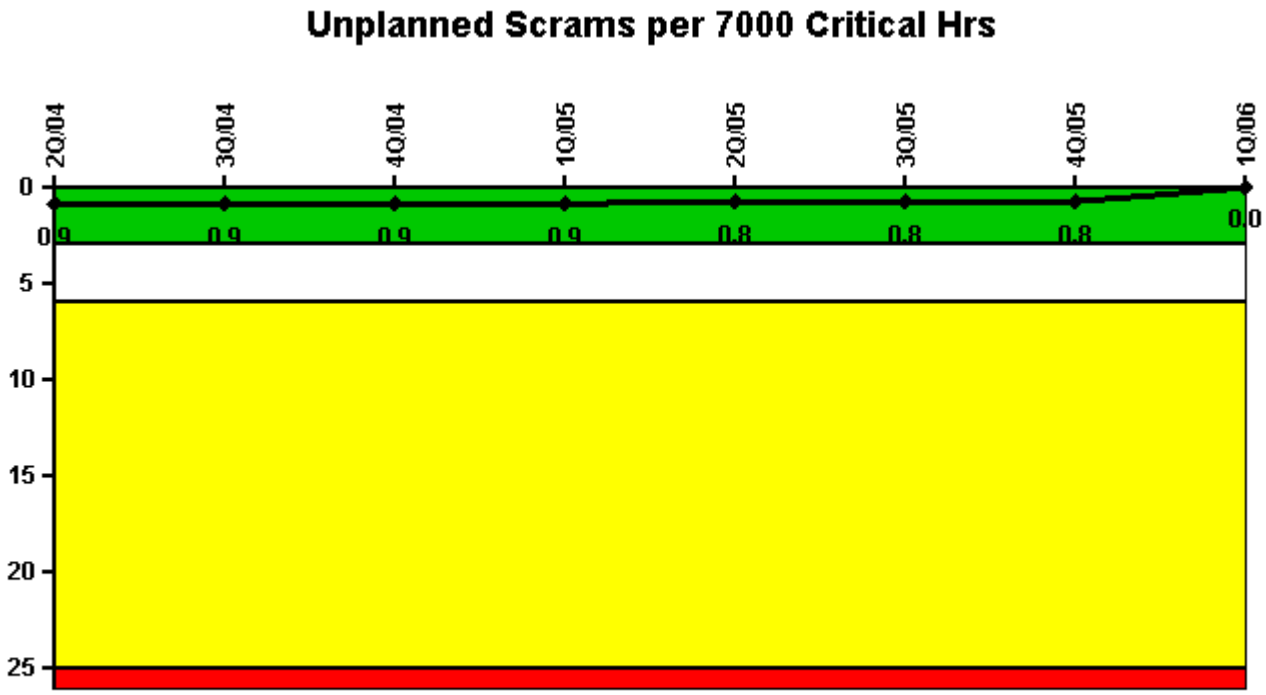
Calvert Cliffs 1

1Q/2006 Performance Indicators

Licensee's General Comments: none



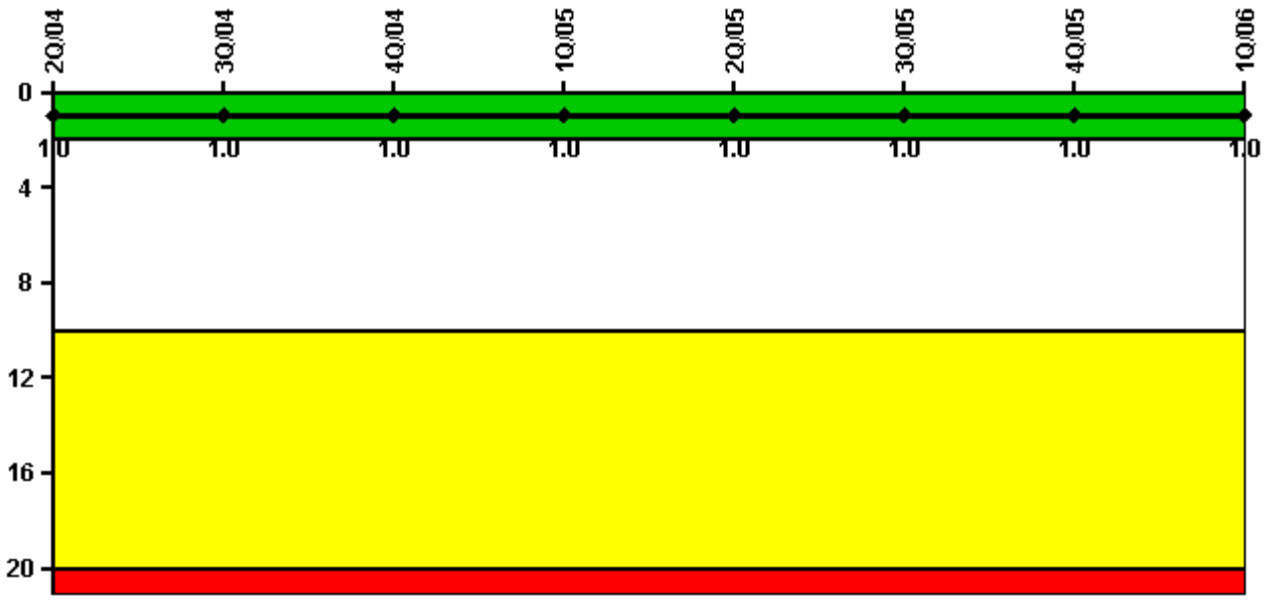
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Unplanned scrams	0	0	0	1.0	0	0	0	0
Critical hours	1501.0	2208.0	2209.0	2136.3	2183.0	2208.0	2209.0	1221.1
Indicator value	**0.9**	**0.9**	**0.9**	**0.9**	**0.8**	**0.8**	**0.8**	**0**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



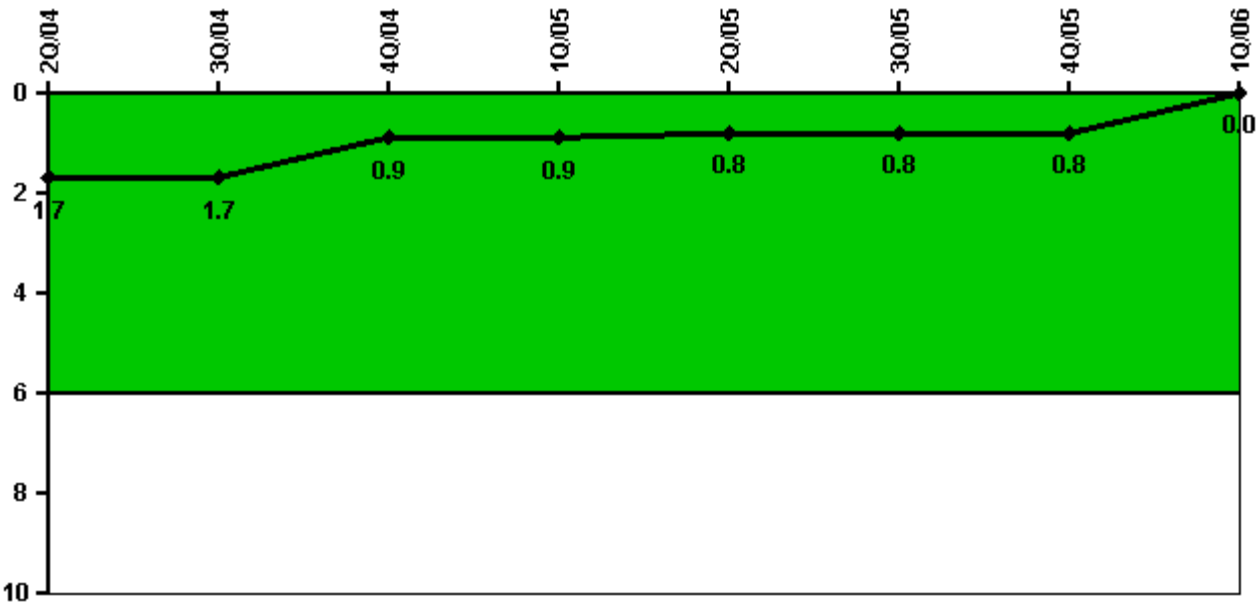
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Scrams	0	0	0	0	0	0	0	0
Indicator value	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



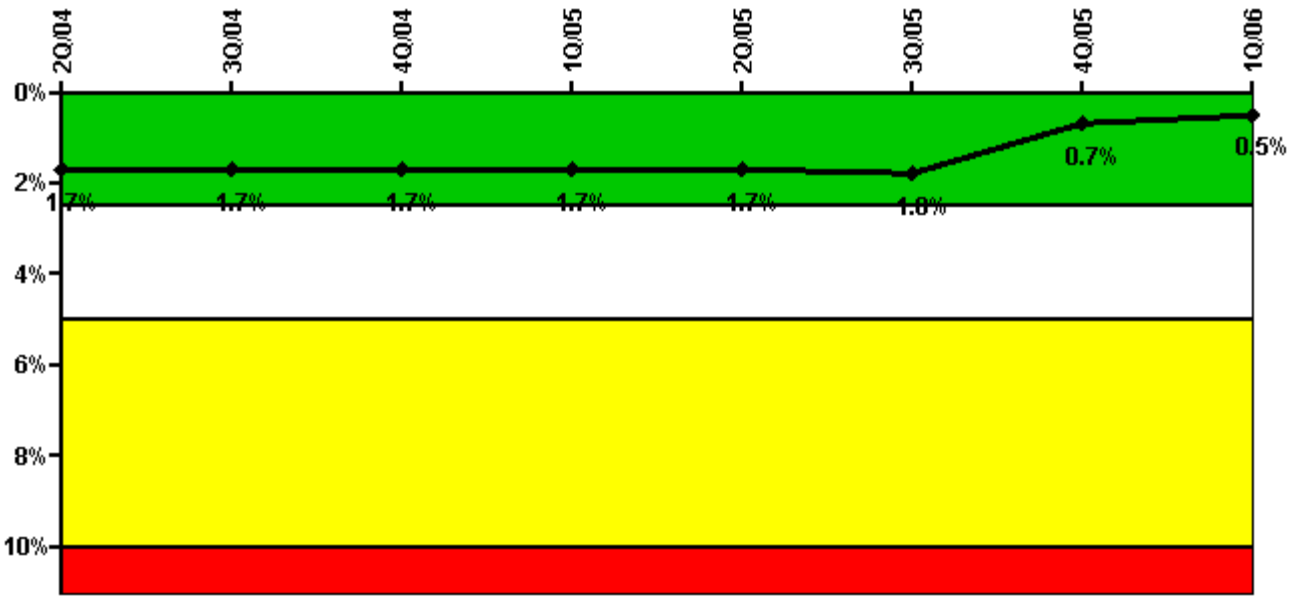
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Unplanned power changes	0	0	0	1.0	0	0	0	0
Critical hours	1501.0	2208.0	2209.0	2136.3	2183.0	2208.0	2209.0	1221.1
Indicator value	**1.7**	**1.7**	**0.9**	**0.9**	**0.8**	**0.8**	**0.8**	**0**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



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

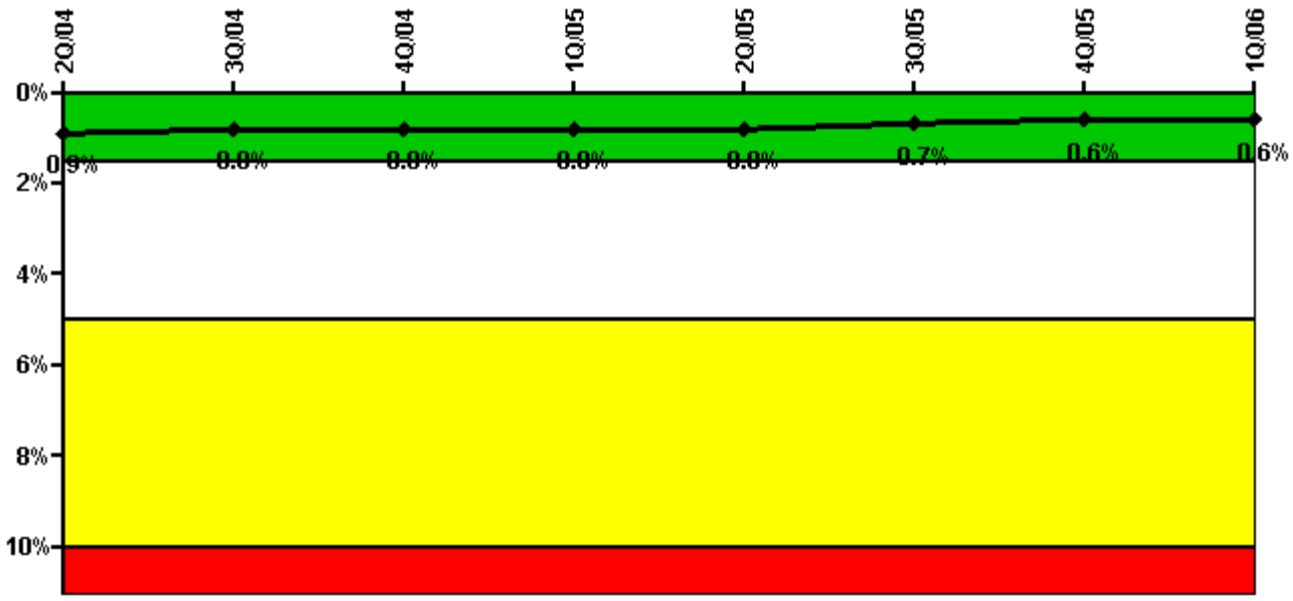
Notes

Safety System Unavailability, Emergency AC Power	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	0.67	15.64	0	0	0	13.47	19.42	10.92
Unplanned unavailable hours	0	0	0	0	12.87	17.68	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	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	0	1.52	18.90	0	0	0	1.08	0
Unplanned unavailable hours	0	0	0.27	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	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Indicator value	**1.7%**	**1.7%**	**1.7%**	**1.7%**	**1.7%**	**1.8%**	**0.7%**	**0.5%**

Licensee Comments:

1Q/06: On March 24, 2006, a design deficiency associated with DG 1A and its associated MCC-123 breaker was discovered during DG 1A testing. MCC-123 provides electrical power to DG 1A support components including DG 1A building room fans and the engine coolant radiator fans. It was discovered that the MCC-123 breaker over current amptector set point was insufficient to support the simultaneous starting of all major loads following a loss of electrical power to the MCC. This situation would only exist if a loss of power to the MCC occurred when room temperatures were in excess of 85 degrees. A Significance Determination has been initiated to assess the risk impact of this situation. Preliminary results from the Significance Determination have estimated 3,510 fault exposure hours for the period April 2003 to March 2006. These hours are being assessed relative to actual plant conditions and are subject to change.

Safety System Unavailability, High Pressure Injection System (HPSI)



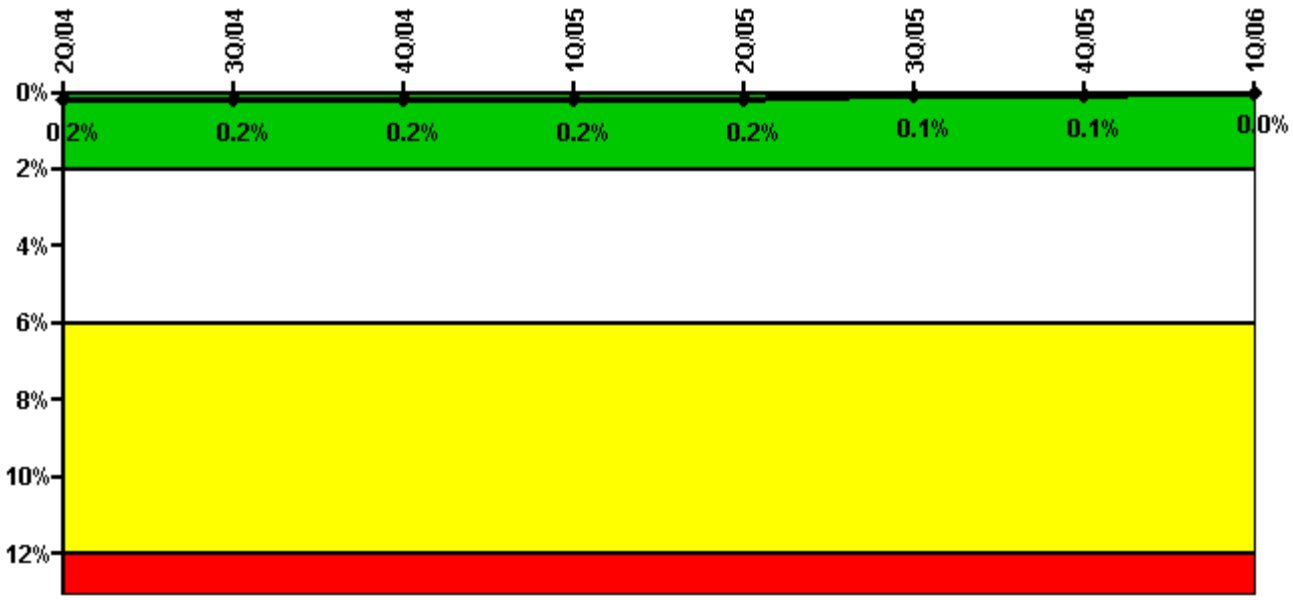
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	1.35	4.46	0.97	17.79	1.42	2.58	15.45	19.32
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	1500.90	2208.00	2209.00	2136.25	2183.00	2208.00	2209.00	1221.12
Train 2								
Planned unavailable hours	1.35	1.13	22.49	32.53	1.42	2.58	22.86	24.56
Unplanned unavailable hours	0	0	0.27	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	1500.90	2208.00	2209.00	2136.25	2183.00	2208.00	2209.00	1221.12
Indicator value	**0.9%**	**0.8%**	**0.8%**	**0.8%**	**0.8%**	**0.7%**	**0.6%**	**0.6%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



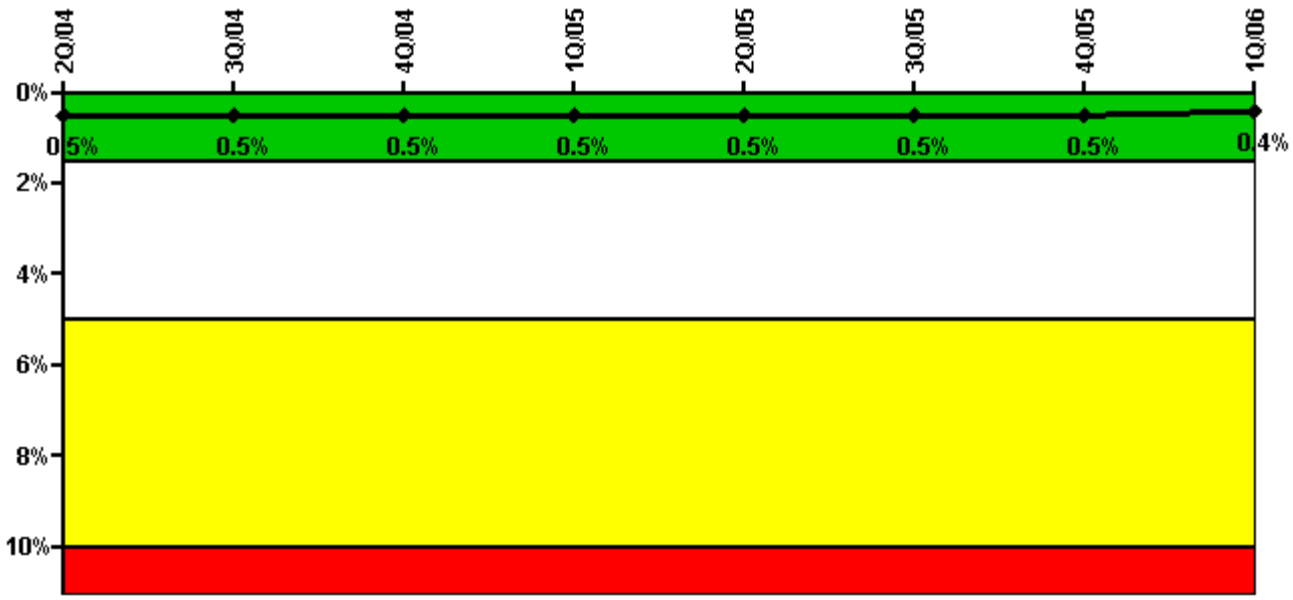
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	1.63	0.68	0.27	0	0.42	0.57	0.48	1.65
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	1500.90	2208.00	2209.00	2136.25	2183.00	2208.00	2209.00	1221.12
Train 2								
Planned unavailable hours	0.38	1.65	0.48	0	0.37	0	0.50	1.65
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	1500.90	2208.00	2209.00	2136.25	2183.00	2208.00	2209.00	1221.12
Train 3								
Planned unavailable hours	6.65	0	2.53	0	0	0	0	0
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	1500.90	2208.00	2209.00	2136.25	2183.00	2208.00	2209.00	1221.12
Indicator value	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.1%**	**0.1%**	**0%**

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



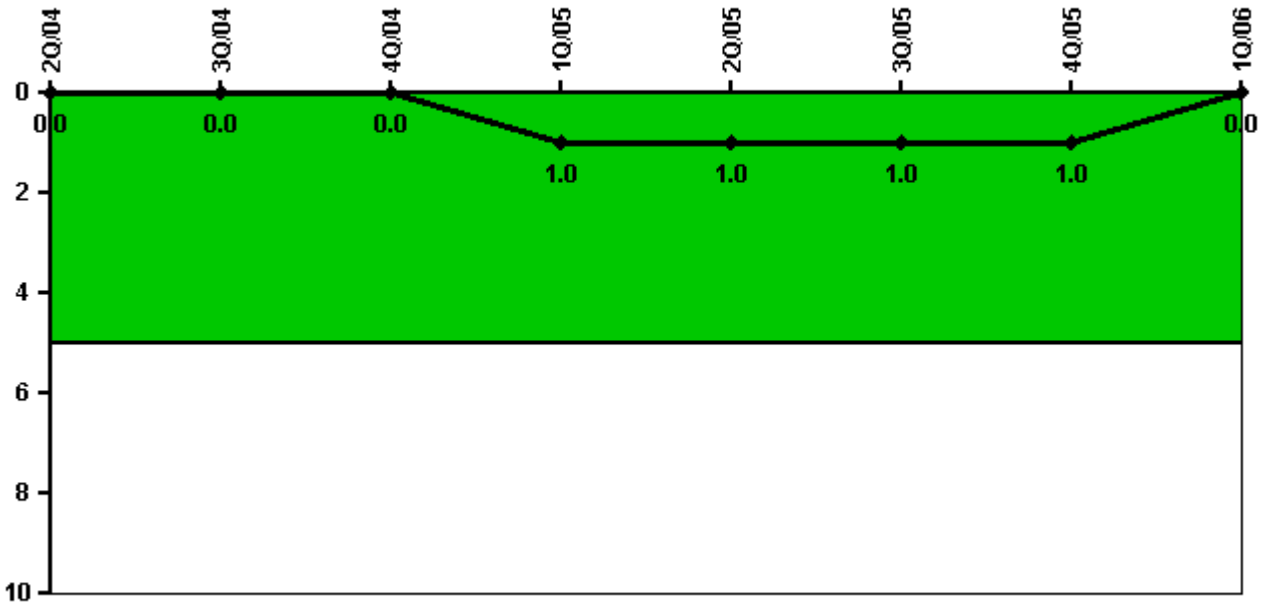
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	0	0	0	0	0	0	0	0
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	617.30	0	0	0	0	0	0	933.07
Train 2								
Planned unavailable hours	0	0	0	0	0	0	0	0
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	617.30	0	0	0	0	0	0	933.07
Train 3								
Planned unavailable hours	4.08	14.88	9.10	19.60	24.41	40.17	21.57	21.71
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	1565.70	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	1226.93
Train 4								
Planned unavailable hours	1.40	11.17	22.94	23.10	2.32	23.03	24.19	20.79
Unplanned unavailable hours	0	0	0.27	0	0	0	0	1.00
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1565.70	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	1226.93
Indicator value	**0.5%**	**0.5%**	**0.5%**	**0.5%**	**0.5%**	**0.5%**	**0.5%**	**0.4%**

Licensee Comments: none

Safety System Functional Failures (PWR)



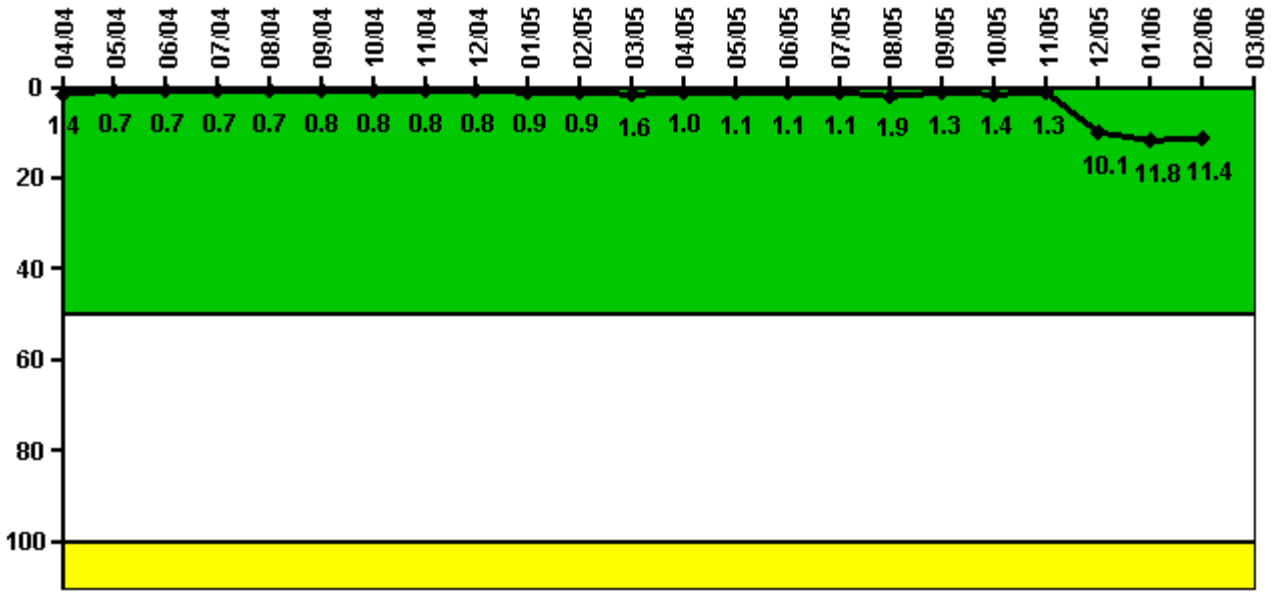
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Safety System Functional Failures	0	0	0	1	0	0	0	0
Indicator value	**0**	**0**	**0**	**1**	**1**	**1**	**1**	**0**

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

Notes

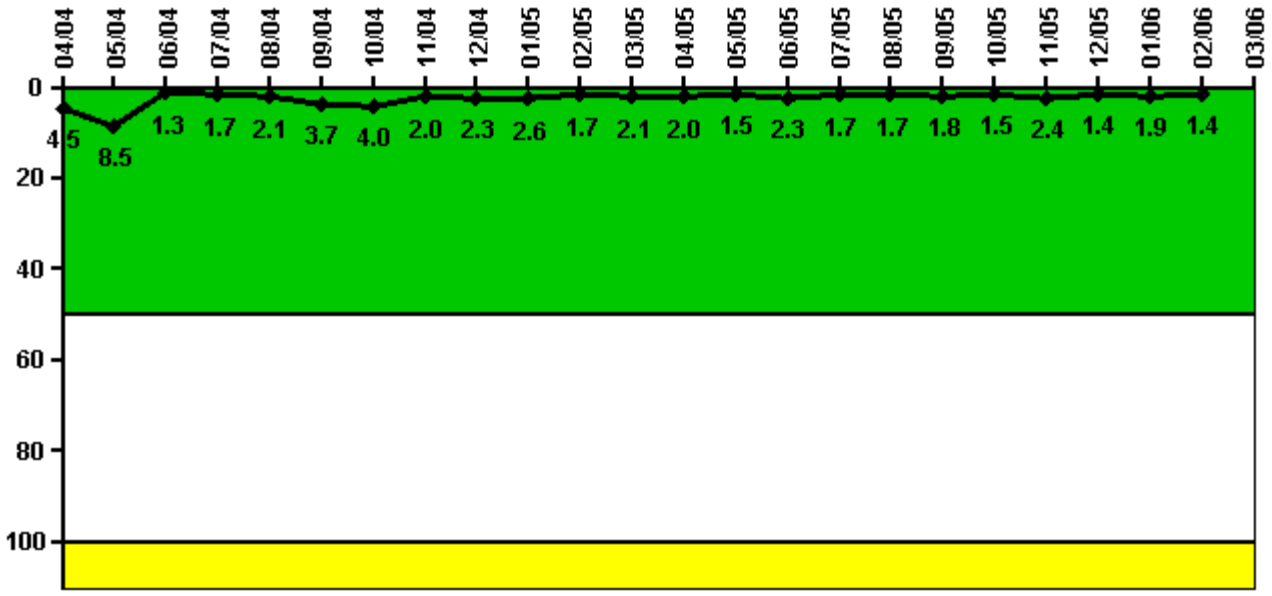
Reactor Coolant System Activity	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05
Maximum activity	0.014100	0.006520	0.006820	0.006760	0.007200	0.007750	0.008050	0.007660	0.008200	0.008740	0.009130	0.016400
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**1.4**	**0.7**	**0.7**	**0.7**	**0.7**	**0.8**	**0.8**	**0.8**	**0.8**	**0.9**	**0.9**	**1.6**

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	0.010100	0.010800	0.010600	0.011100	0.018500	0.012800	0.013500	0.013100	0.101000	0.118000	0.114000	N/A
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	**1.0**	**1.1**	**1.1**	**1.1**	**1.9**	**1.3**	**1.4**	**1.3**	**10.1**	**11.8**	**11.4**	**N/A**

Licensee Comments:

3/06: Unit 1 was shut down for a refueling outage on 02/20/2006 and remained shut down through March.

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

Notes

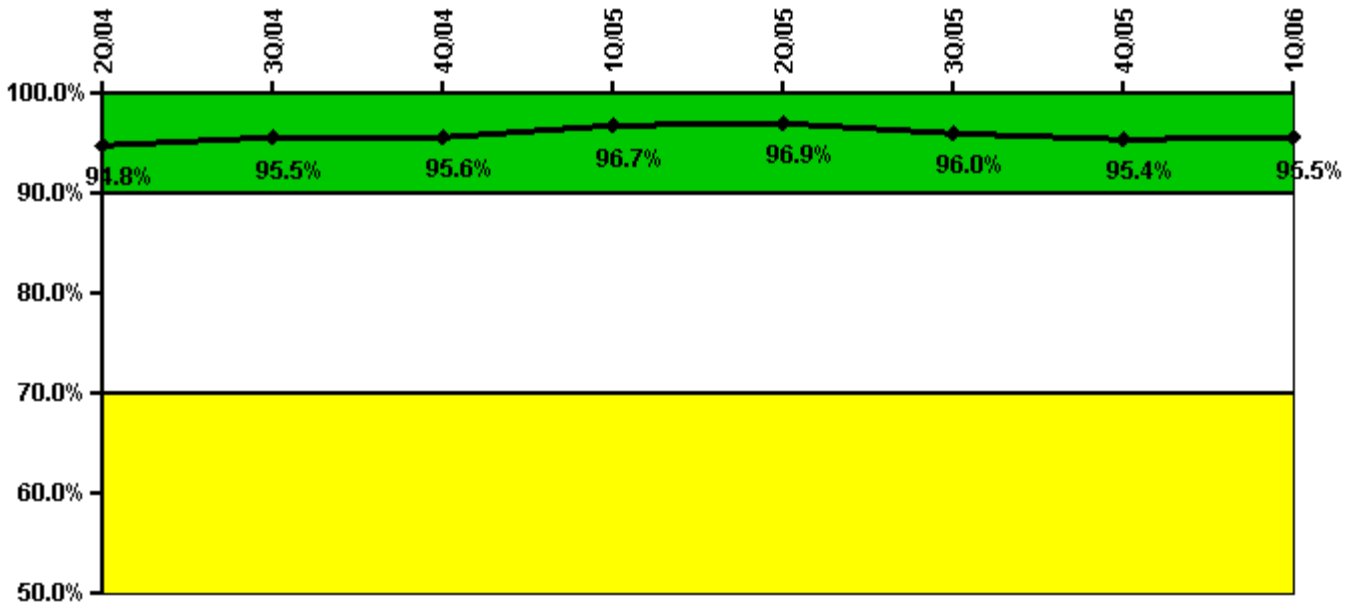
Reactor Coolant System Leakage	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05
Maximum leakage	0.450	0.850	0.130	0.170	0.210	0.370	0.398	0.202	0.228	0.256	0.172	0.213
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**4.5**	**8.5**	**1.3**	**1.7**	**2.1**	**3.7**	**4.0**	**2.0**	**2.3**	**2.6**	**1.7**	**2.1**

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	0.200	0.150	0.230	0.165	0.174	0.178	0.150	0.240	0.140	0.189	0.135	N/A
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	**2.0**	**1.5**	**2.3**	**1.7**	**1.7**	**1.8**	**1.5**	**2.4**	**1.4**	**1.9**	**1.4**	**N/A**

Licensee Comments:

3/06: Unit 1 was shut down for a refueling outage on 02/20/2006 and remained shut down through March.

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

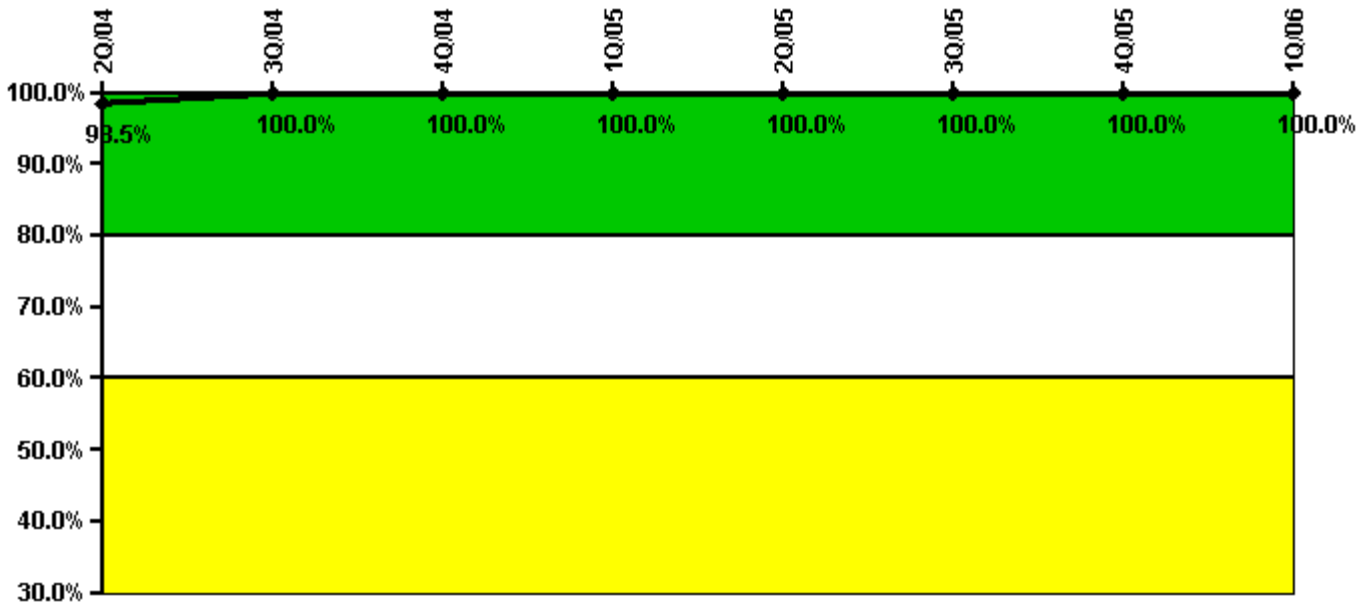
Notes

Drill/Exercise Performance	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Successful opportunities	14.0	26.0	72.0	2.0	0	49.0	107.0	4.0
Total opportunities	15.0	27.0	75.0	2.0	0	52.0	112.0	4.0
Indicator value	**94.8%**	**95.5%**	**95.6%**	**96.7%**	**96.9%**	**96.0%**	**95.4%**	**95.5%**

Licensee Comments:

4Q/04: November 2004 Drill and Exercise Performance has been revised to show one additional opportunity to perform classifications, notifications and PARs.

ERO Drill Participation



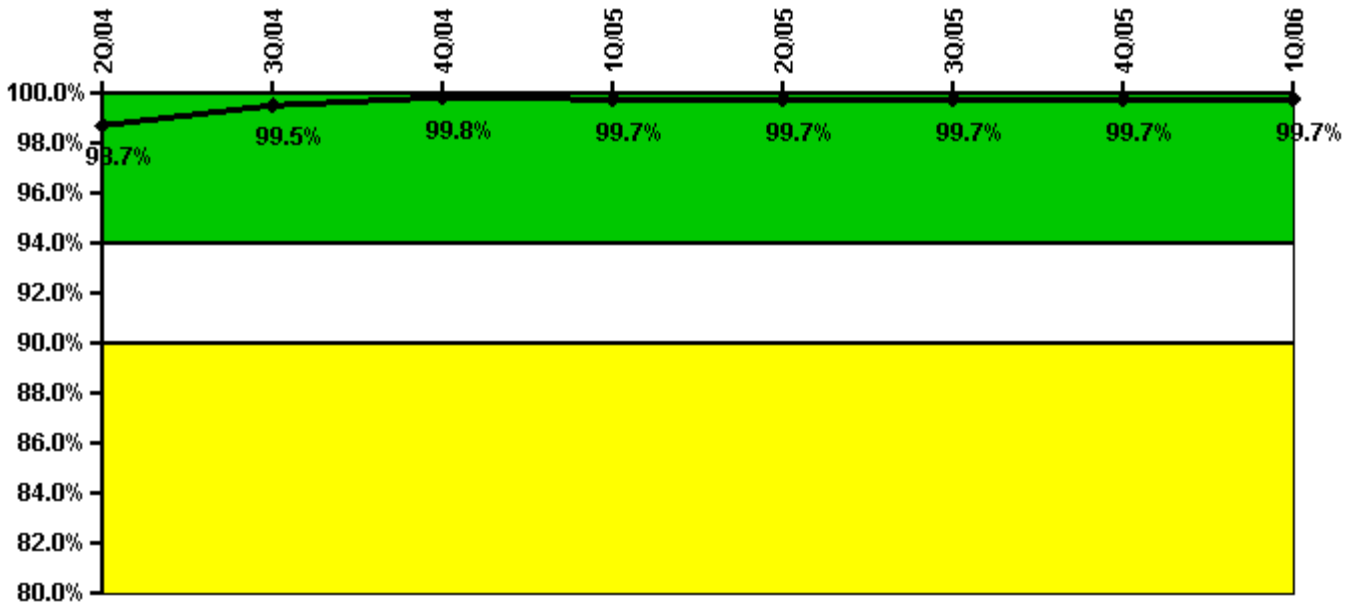
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Participating Key personnel	65.0	68.0	68.0	65.0	62.0	62.0	59.0	56.0
Total Key personnel	66.0	68.0	68.0	65.0	62.0	62.0	59.0	56.0
Indicator value	**98.5%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System



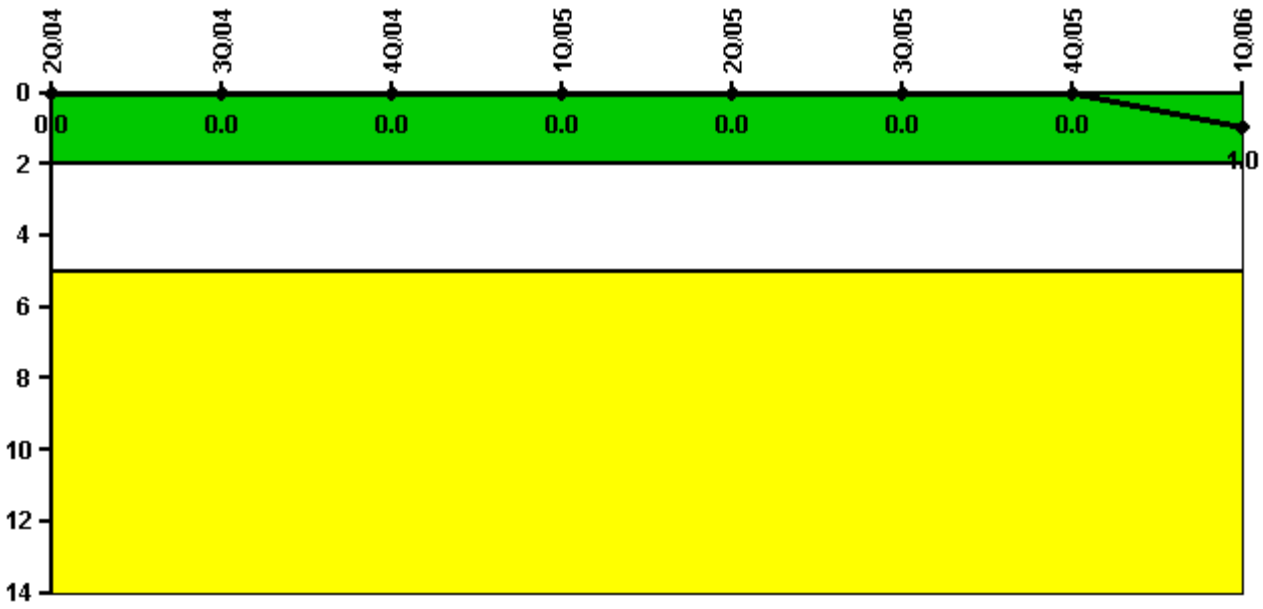
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Successful siren-tests	932	934	948	944	944	949	946	947
Total sirens-tests	936	936	949	949	949	949	949	949
Indicator value	**98.7%**	**99.5%**	**99.8%**	**99.7%**	**99.7%**	**99.7%**	**99.7%**	**99.7%**

Licensee Comments: none

Occupational Exposure Control Effectiveness



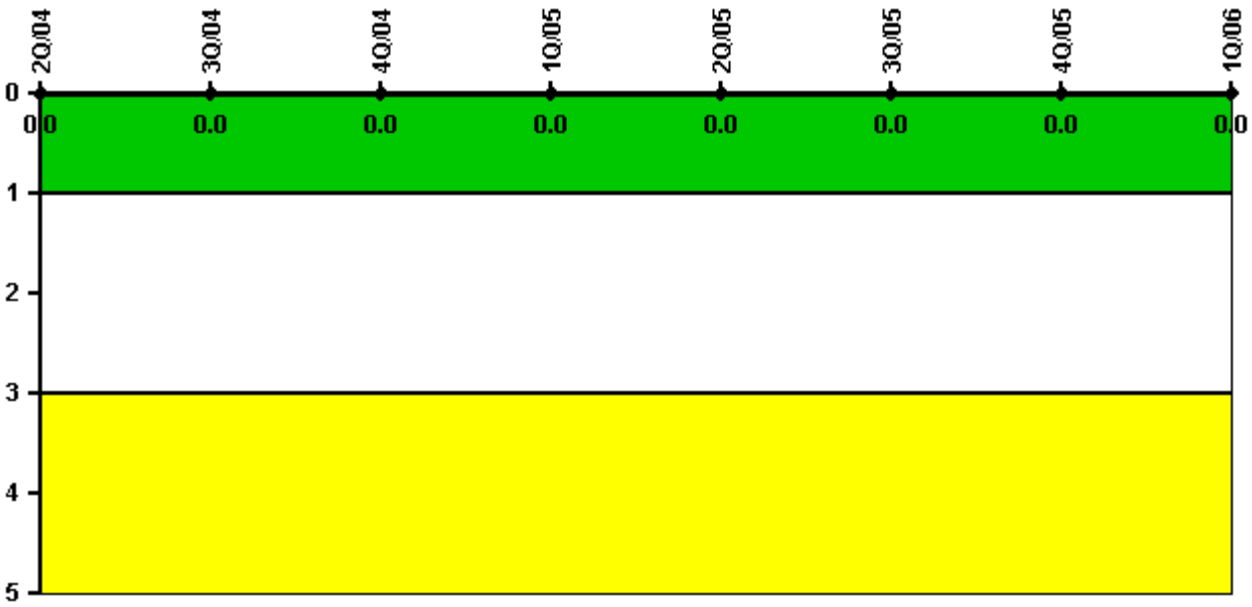
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
High radiation area occurrences	0	0	0	0	0	0	0	1
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**	**1**

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
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.

Action Matrix Summary | Inspection Findings Summary | PI Summary | Reactor Oversight Process

Last Modified: May 5, 2006