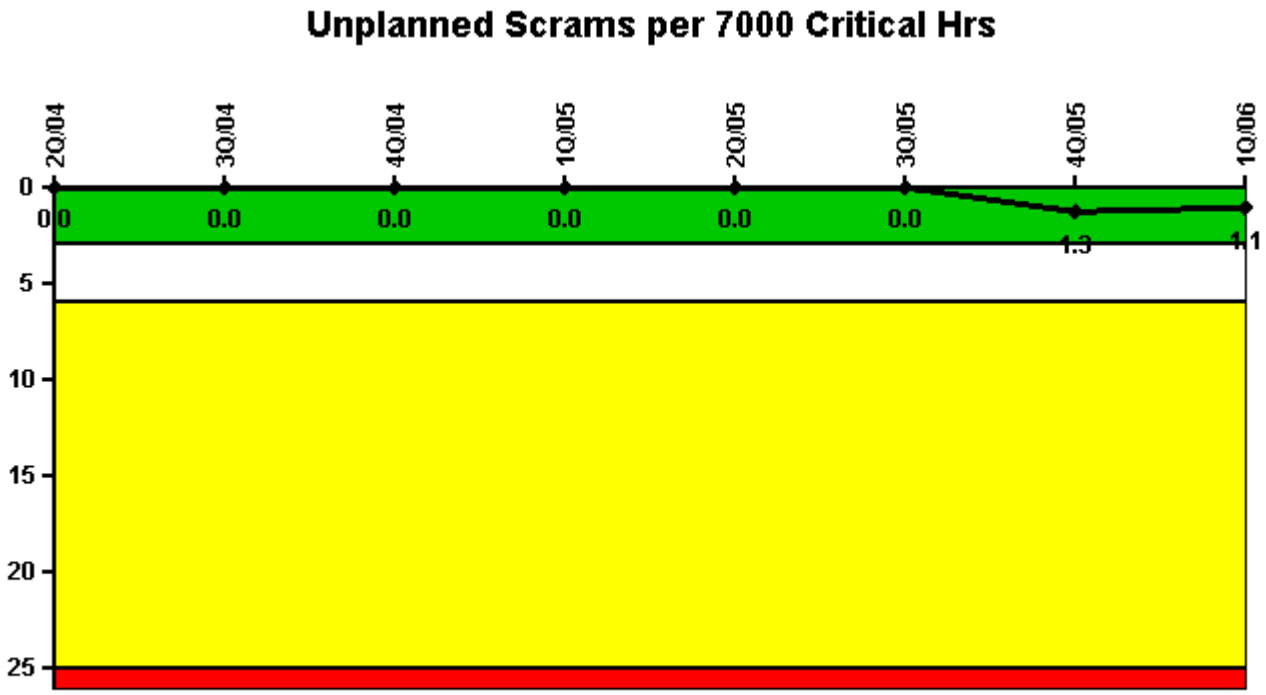
Kewaunee

1Q/2006 Performance Indicators

Licensee's General Comments: none



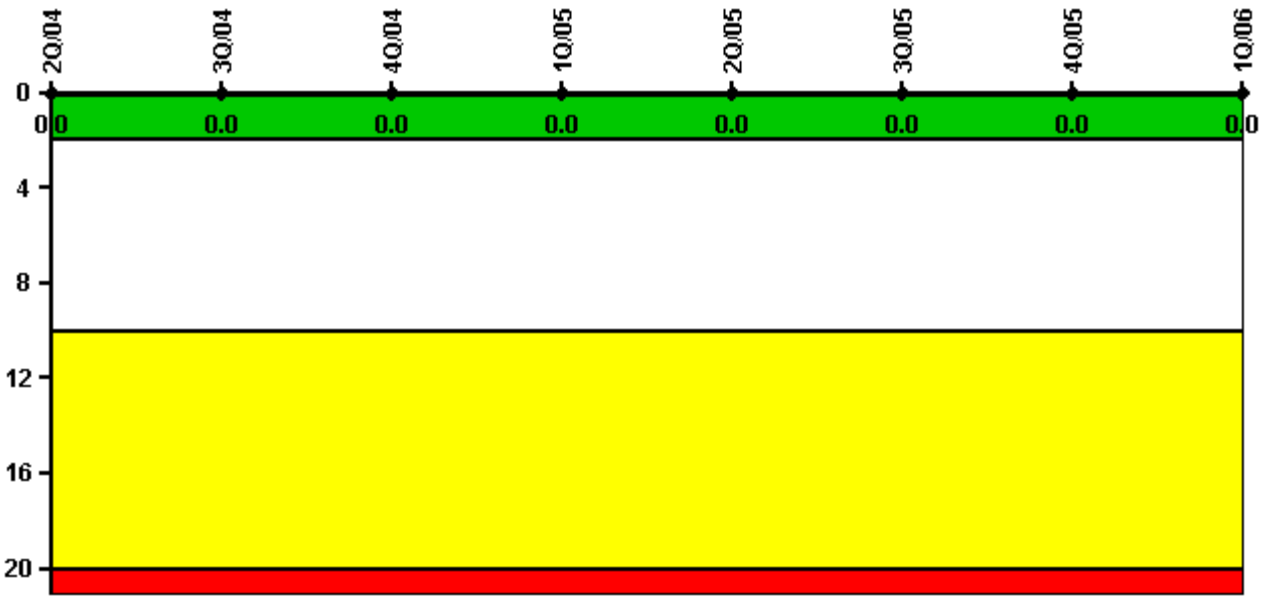
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	0	0	0	1.0	0
Critical hours	2183.0	2208.0	896.2	1205.2	0	2189.6	2097.8	2160.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**1.3**	**1.1**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



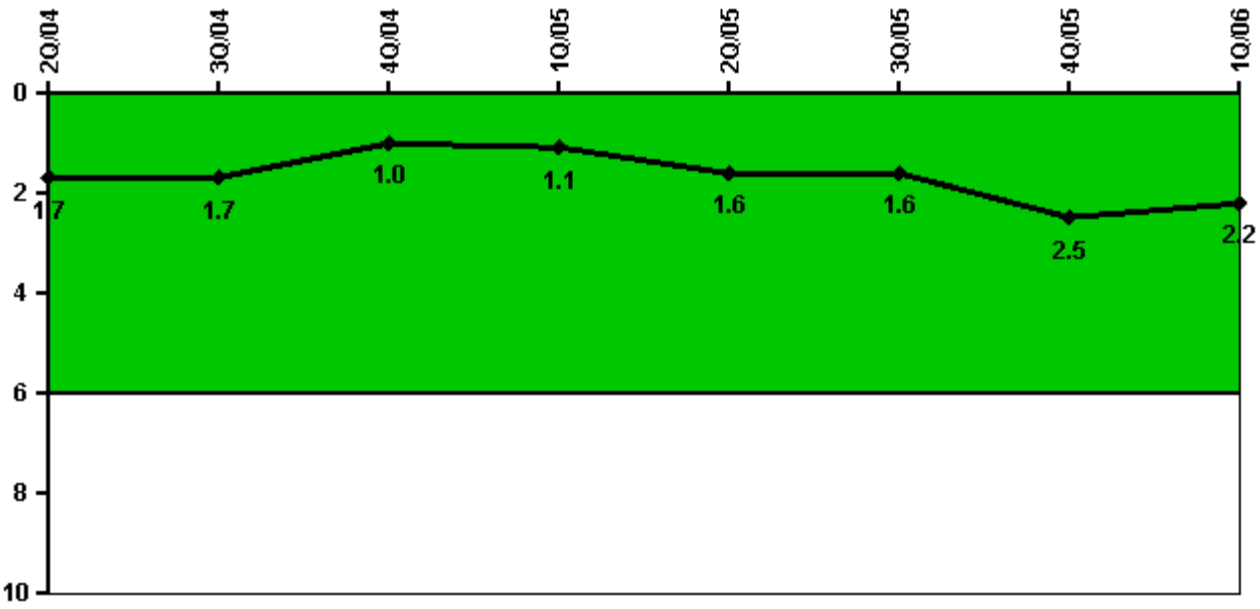
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

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	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

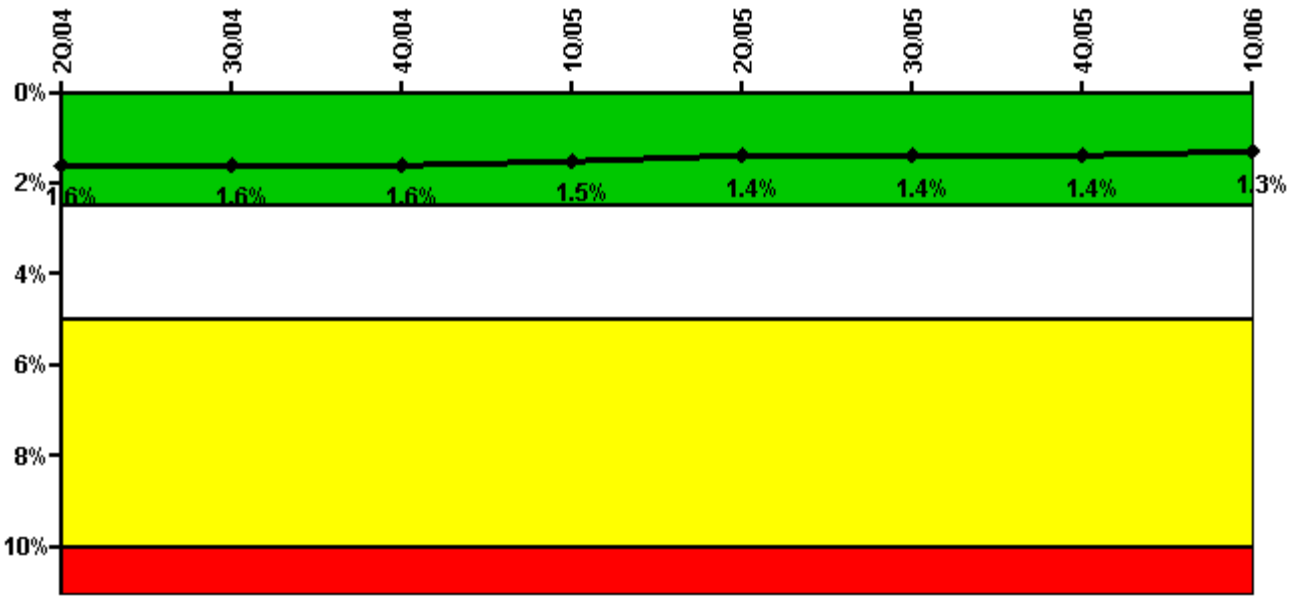
Notes

Unplanned Power Changes per 7000 Critical Hrs	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	1.0	1.0
Critical hours	2183.0	2208.0	896.2	1205.2	0	2189.6	2097.8	2160.0
Indicator value	**1.7**	**1.7**	**1.0**	**1.1**	**1.6**	**1.6**	**2.5**	**2.2**

Licensee Comments:

1Q/06: On February 9, 2006, a planned backdown was taken to 35.5% power for water box cleaning, condenser tube plugging, governor stop valve testing, and AFW testing. While at 62.6% power hold for valve testing, a failed limit switch caused an immediate unplanned power reduction to 35.5% power.. The unit was back to full power on February 13, 2006. Unit remains at 100% steady state power.

Safety System Unavailability, Emergency AC Power



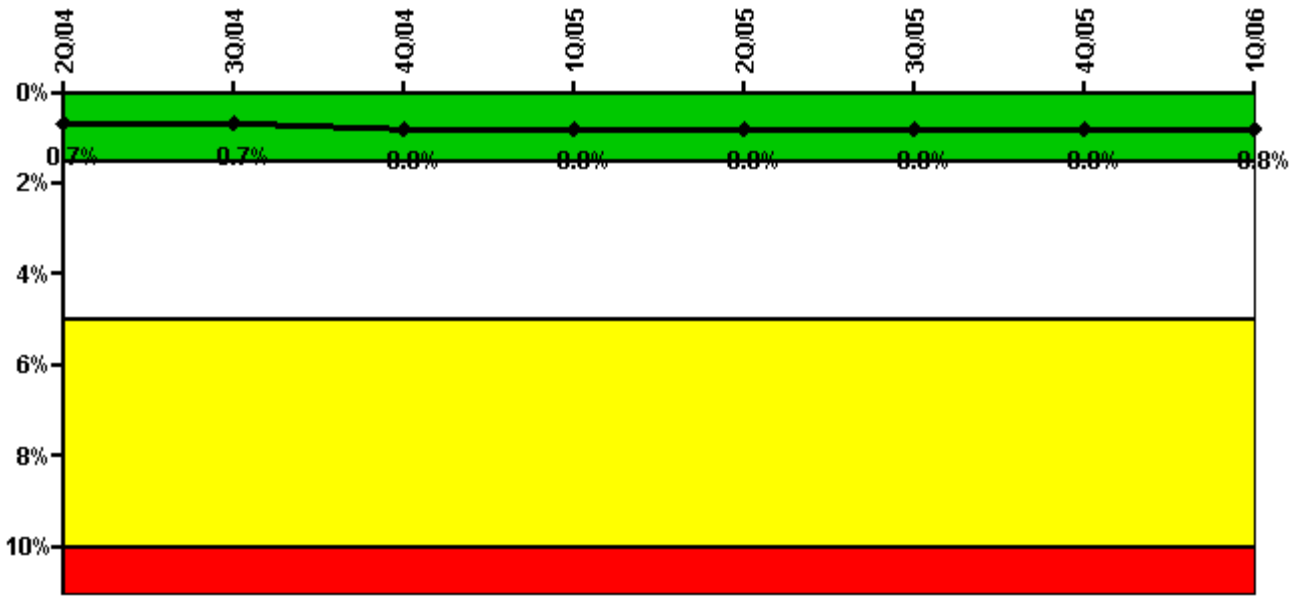
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

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	49.23	41.73	24.21	21.33	0	17.90	38.14	38.72
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	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	42.00	29.60	11.47	22.24	0	33.32	50.53	28.92
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	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Indicator value	**1.6%**	**1.6%**	**1.6%**	**1.5%**	**1.4%**	**1.4%**	**1.4%**	**1.3%**

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



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

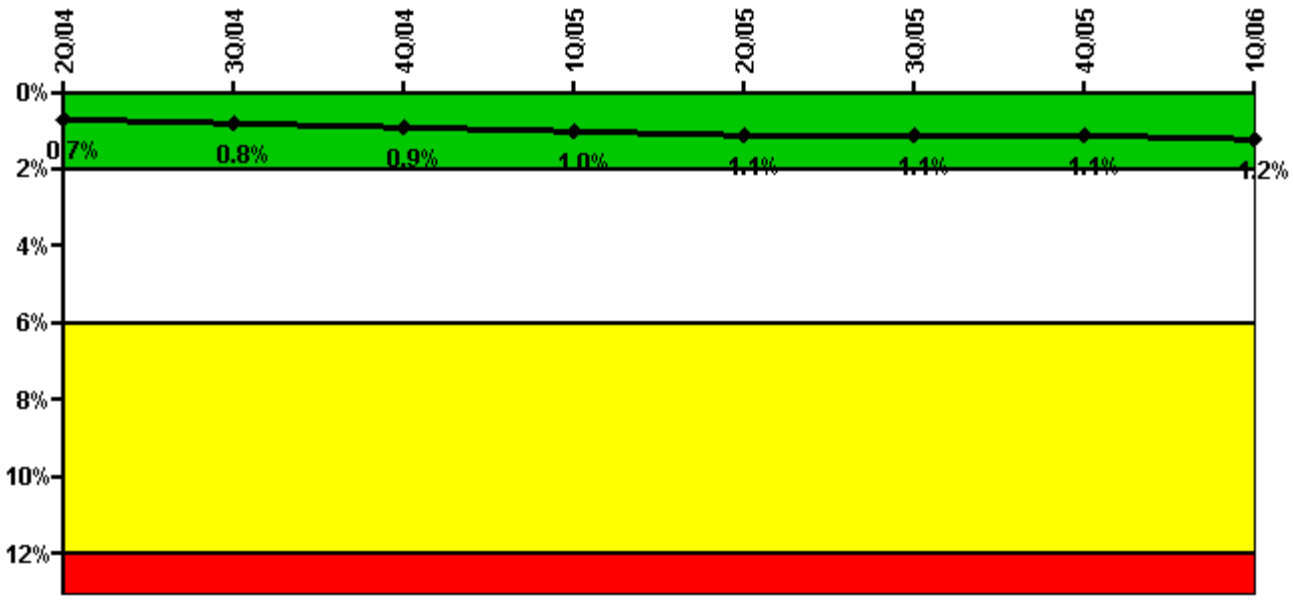
Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	19.74	17.53	25.94	2.25	0	5.39	16.06	12.86
Unplanned unavailable hours	0	1.50	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	2183.00	2208.00	898.33	1212.30	0	2189.57	2097.82	2160.00
Train 2								
Planned unavailable hours	21.06	12.86	9.21	5.85	0	1.90	29.83	16.61
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	2183.00	2208.00	898.33	1212.30	0	2189.57	2097.82	2160.00
Indicator value	**0.7%**	**0.7%**	**0.8%**	**0.8%**	**0.8%**	**0.8%**	**0.8%**	**0.8%**

Licensee Comments:

1Q/06: A T/2 fault exposure event occurred in July 2004 that previously did not get reported for SI in the comments for 3rd quarter 2004 as required by NEI 99-02. on 7/8/04 a RHR to SI cross connect valve failed to open on demand. The valve was last known to operate correctly was on 6/9/04. The T/2 fault exposure was 347.8 hours, of which 256.1 hours are assignable to 2nd quarter 2004 and 91.7 hours to 3rd quarter 2004.

Safety System Unavailability, Heat Removal System (AFW)



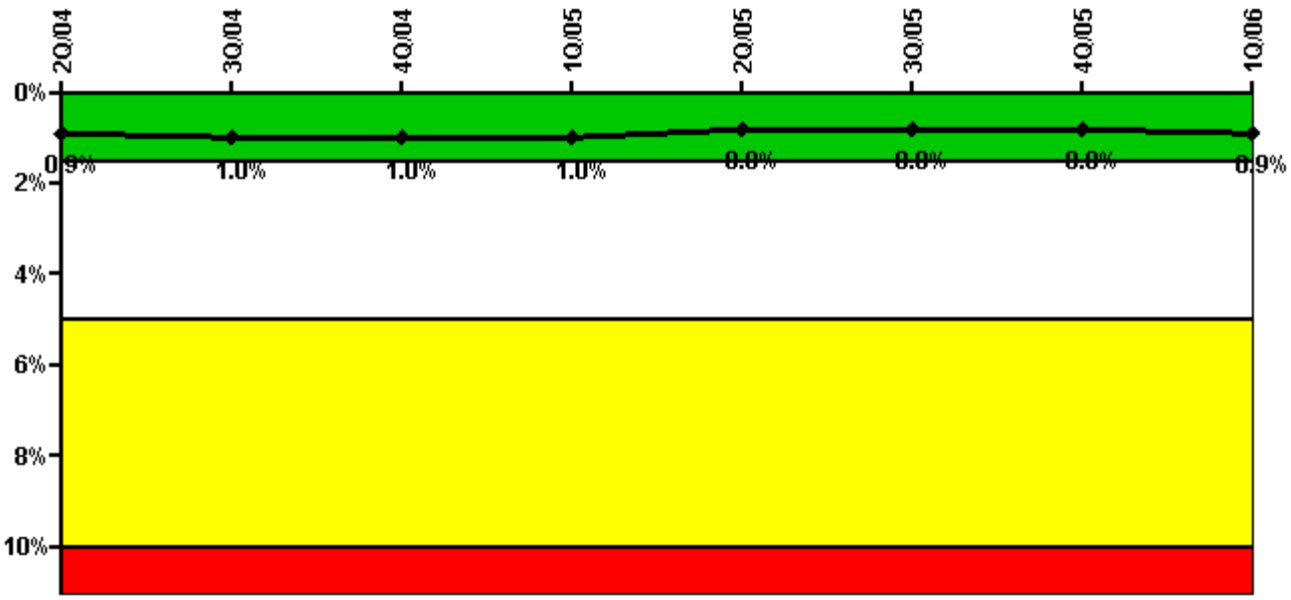
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

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	21.06	25.64	23.52	3.18	0	9.22	16.58	12.81
Unplanned unavailable hours	0	6.40	0	19.63	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	1051.73	1214.78	121.47	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	19.88	21.27	10.91	6.45	0	4.39	30.18	19.33
Unplanned unavailable hours	0	23.55	0	19.63	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	1051.73	1214.78	121.47	2208.00	2209.00	2160.00
Train 3								
Planned unavailable hours	13.60	3.91	24.64	1.15	69.96	7.31	13.01	45.26
Unplanned unavailable hours	33.23	0	0	19.45	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	1051.73	1214.78	121.47	2208.00	2209.00	2160.00
Indicator value	**0.7%**	**0.8%**	**0.9%**	**1.0%**	**1.1%**	**1.1%**	**1.1%**	**1.2%**

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



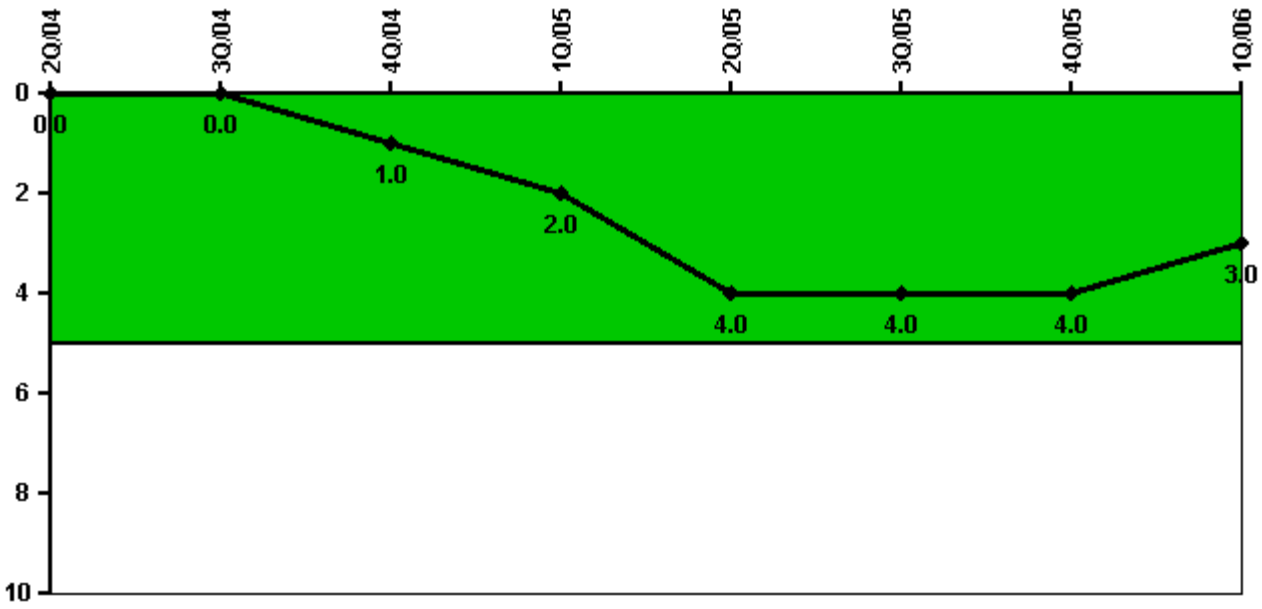
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

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	28.49	20.65	37.24	15.96	0.87	6.90	19.79	30.47
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	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	26.59	25.07	0.77	5.85	1.17	12.24	30.31	62.98
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	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Indicator value	**0.9%**	**1.0%**	**1.0%**	**1.0%**	**0.8%**	**0.8%**	**0.8%**	**0.9%**

Licensee Comments: none

Safety System Functional Failures (PWR)



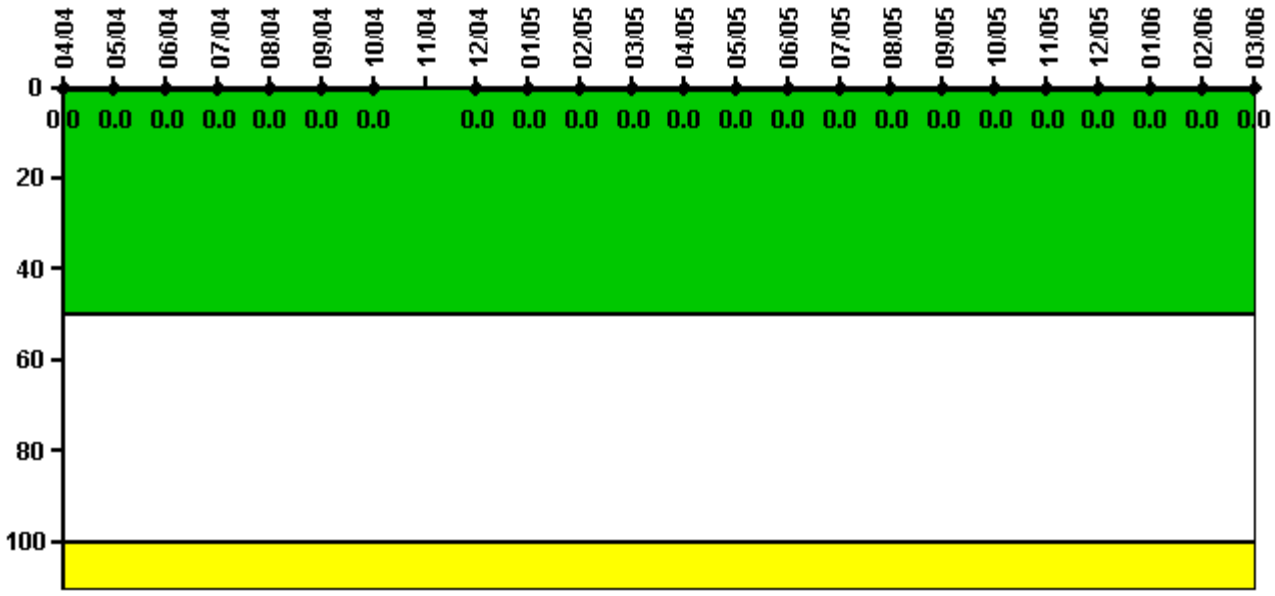
Thresholds: White > 5.0

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	1	1	2	0	1	0
Indicator value	**0**	**0**	**1**	**2**	**4**	**4**	**4**	**3**

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

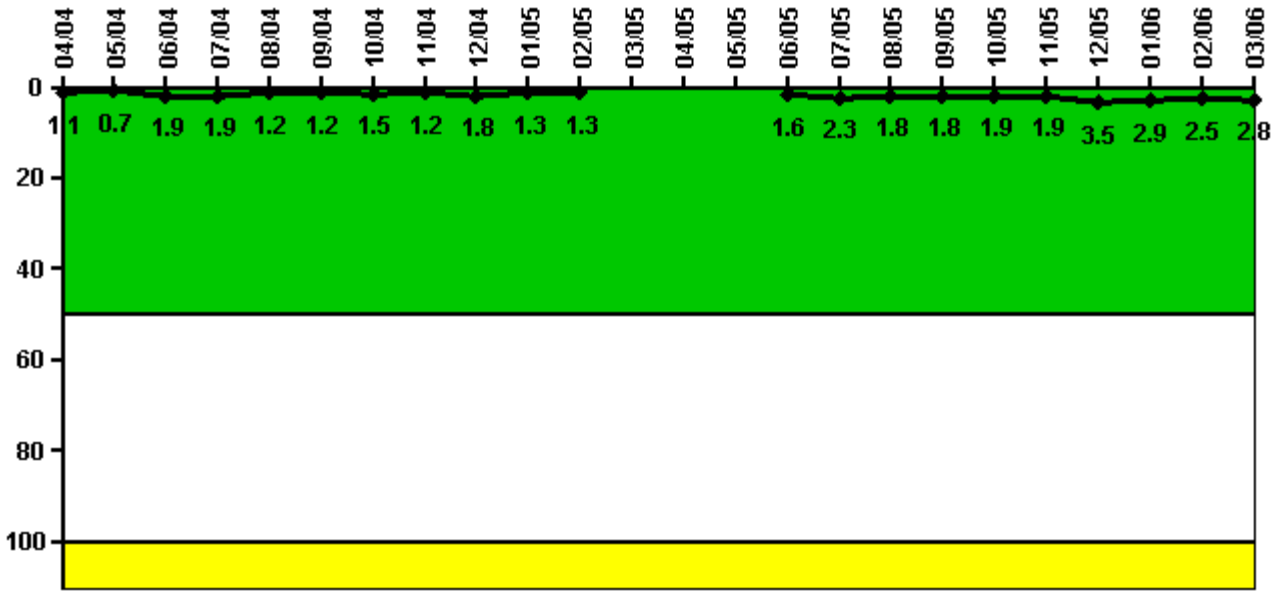
Notes

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	0.000113	0.000121	0.000113	0.000130	0.000120	0.000131	0.000117	N/A	0.000083	0.000084	0.000089	0
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**	**N/A**	**0**	**0**	**0**	**0**

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	0	0	0.000094	0.000099	0.000100	0.000106	0.000091	0.000106	0.000117	0.000101	0.000118
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**	**0**

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

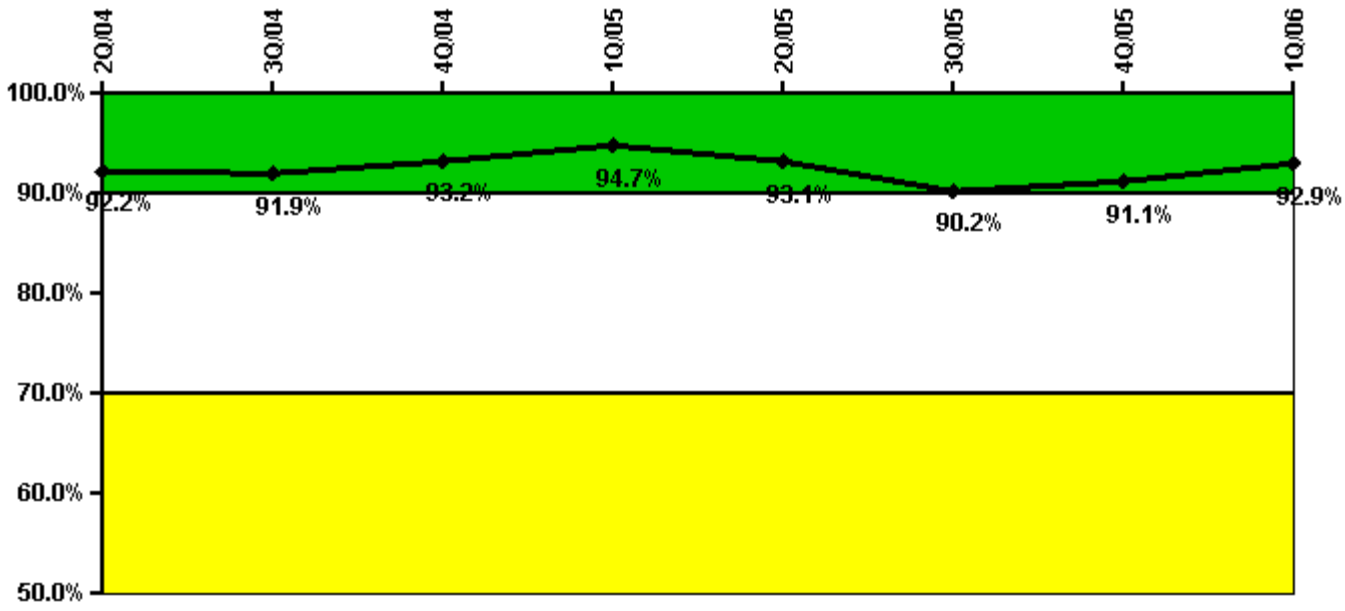
Notes

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	0.109	0.069	0.190	0.192	0.123	0.120	0.146	0.117	0.177	0.133	0.129	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	**1.1**	**0.7**	**1.9**	**1.9**	**1.2**	**1.2**	**1.5**	**1.2**	**1.8**	**1.3**	**1.3**	**N/A**

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	N/A	N/A	0.156	0.227	0.181	0.175	0.188	0.192	0.347	0.285	0.247	0.279
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	**N/A**	**N/A**	**1.6**	**2.3**	**1.8**	**1.8**	**1.9**	**1.9**	**3.5**	**2.9**	**2.5**	**2.8**

Licensee Comments: none

Drill/Exercise Performance



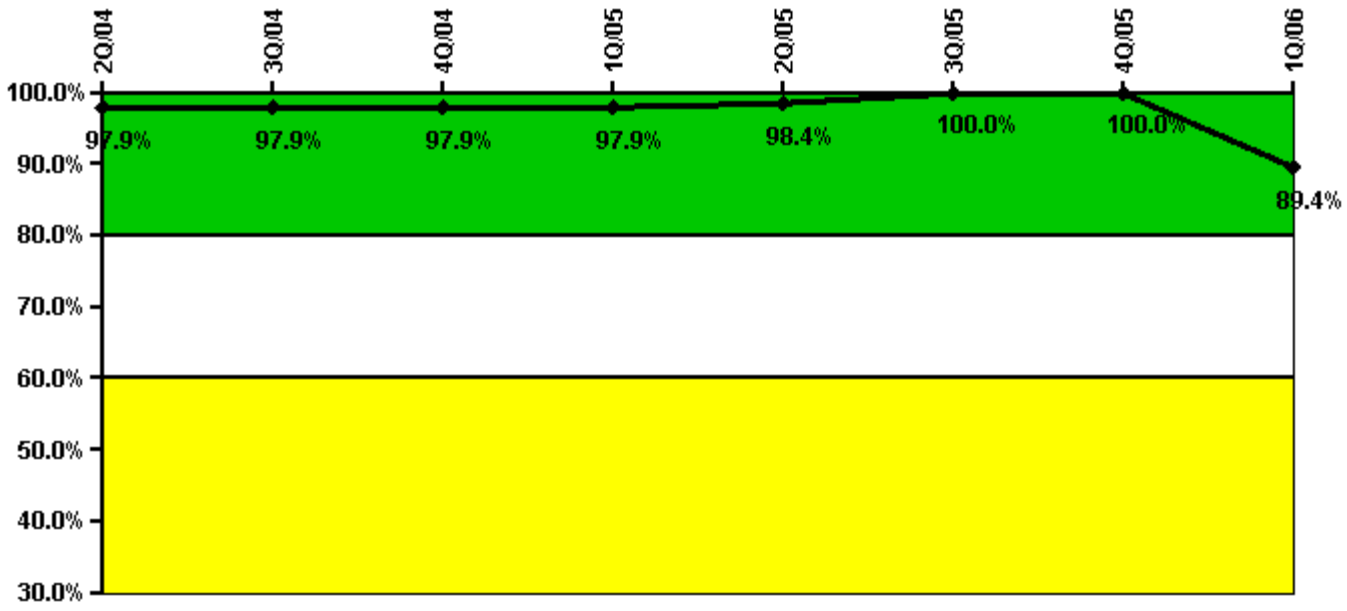
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Successful opportunities	6.0	11.0	0	32.0	30.0	11.0	49.0	31.0
Total opportunities	8.0	12.0	0	32.0	32.0	16.0	52.0	31.0
Indicator value	**92.2%**	**91.9%**	**93.2%**	**94.7%**	**93.1%**	**90.2%**	**91.1%**	**92.9%**

Licensee Comments: none

ERO Drill Participation



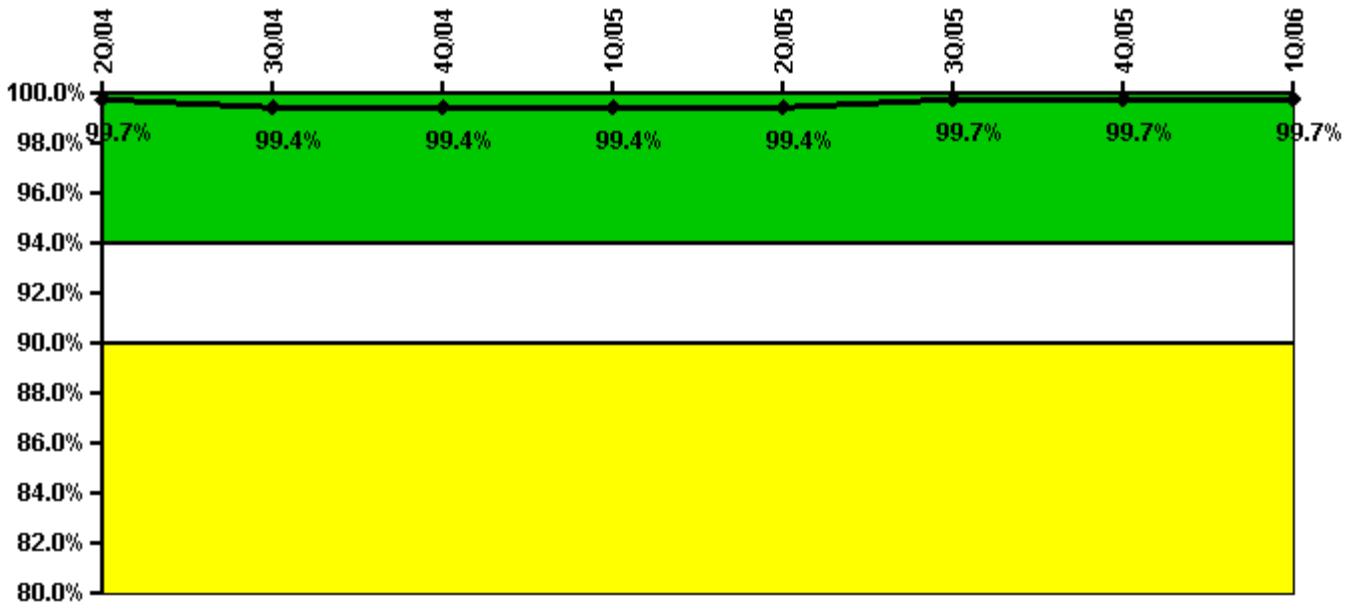
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Participating Key personnel	46.0	46.0	47.0	46.0	62.0	64.0	61.0	59.0
Total Key personnel	47.0	47.0	48.0	47.0	63.0	64.0	61.0	66.0
Indicator value	**97.9%**	**97.9%**	**97.9%**	**97.9%**	**98.4%**	**100.0%**	**100.0%**	**89.4%**

Licensee Comments: none

Alert & Notification System



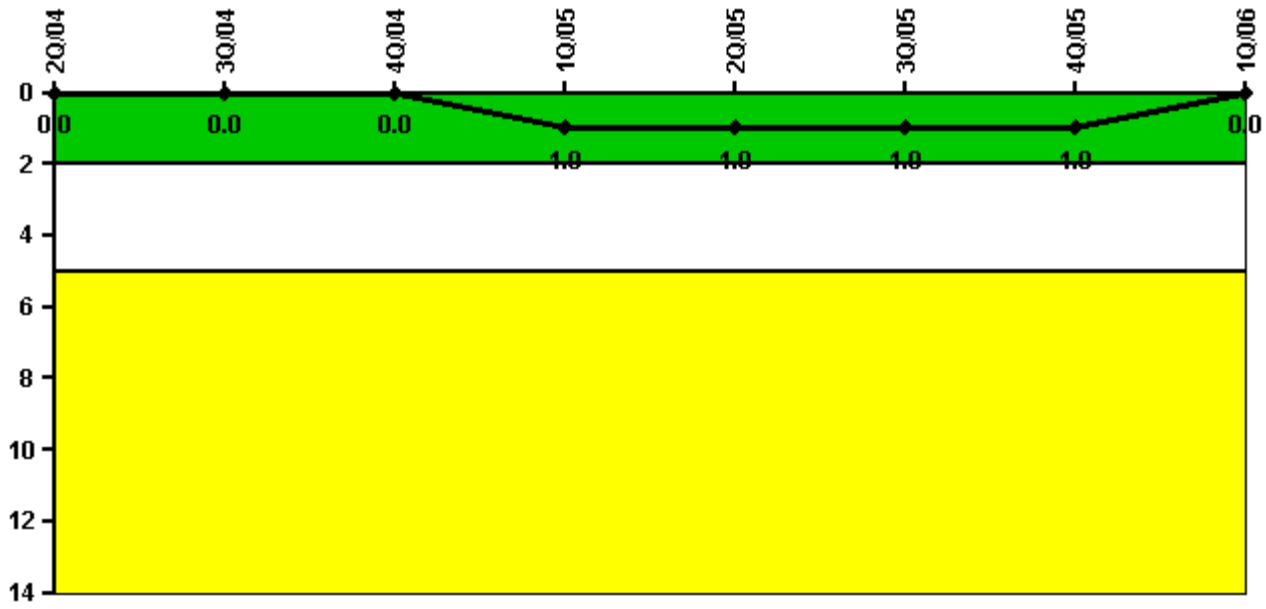
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Successful siren-tests	78	77	78	77	78	77	78	77
Total sirens-tests	78	78	78	78	78	77	78	78
Indicator value	**99.7%**	**99.4%**	**99.4%**	**99.4%**	**99.4%**	**99.7%**	**99.7%**	**99.7%**

Licensee Comments: none

Occupational Exposure Control Effectiveness



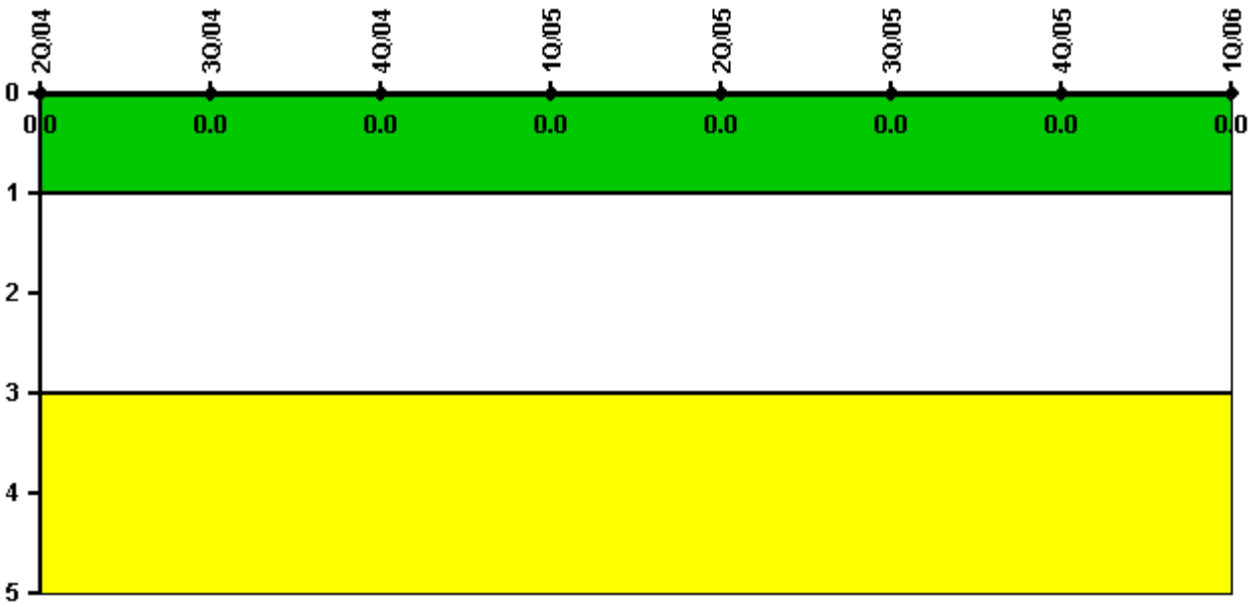
Thresholds: White > 2.0 Yellow > 5.0

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	1	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**	**1**	**1**	**1**	**1**	**0**

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