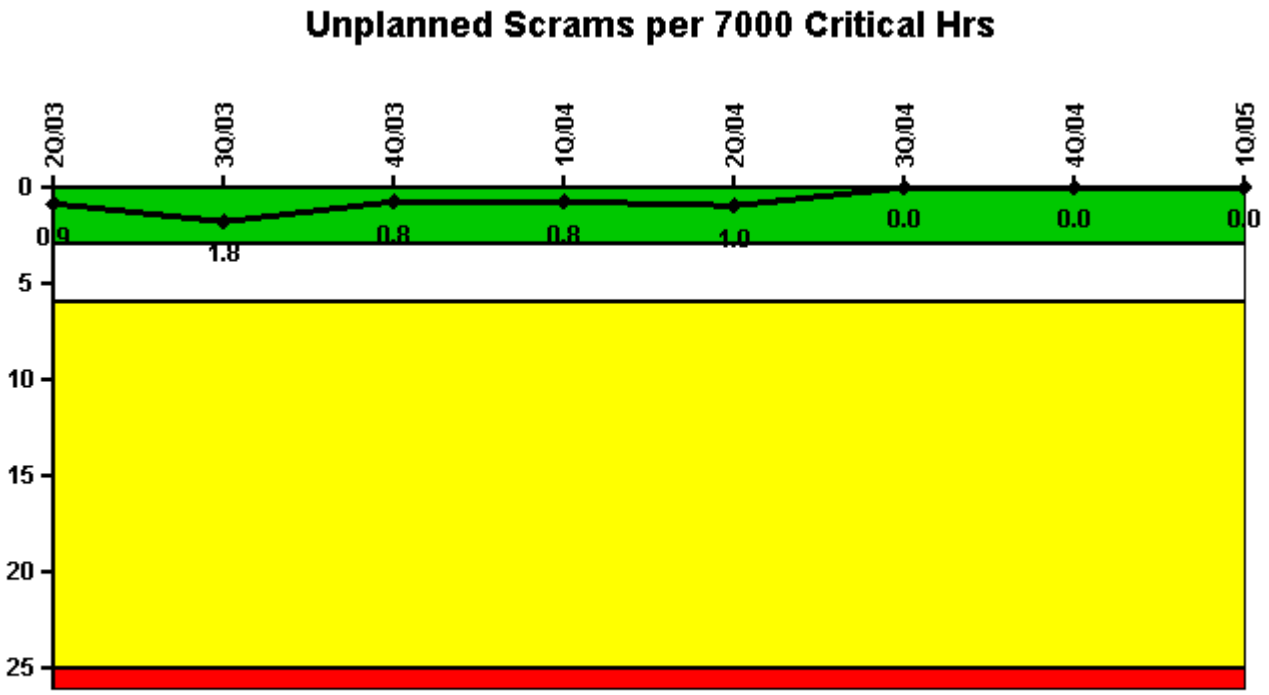
Salem 1

1Q/2005 Performance Indicators

Licensee's General Comments: LERs 272/2004-005 and 272/2005-001 were counted as SSFFs



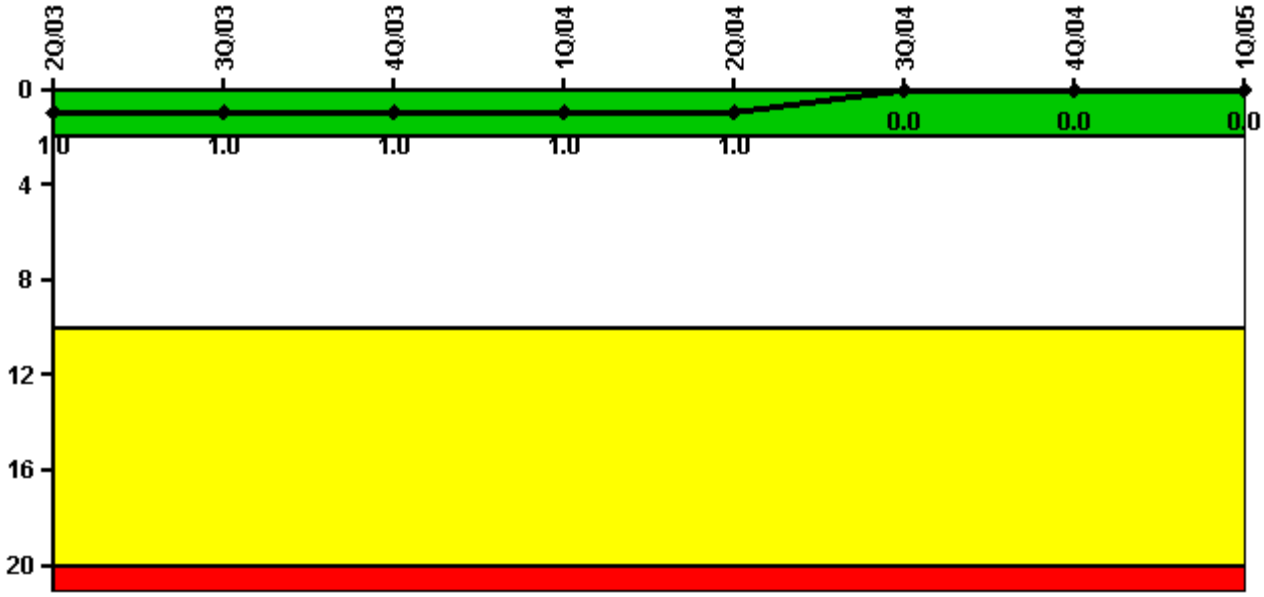
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Unplanned scrams	0	1.0	0	0	0	0	0	0
Critical hours	2183.0	1992.0	2142.3	2156.0	753.1	2148.8	1918.5	2160.0
Indicator value	**0.9**	**1.8**	**0.8**	**0.8**	**1.0**	**0**	**0**	**0**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



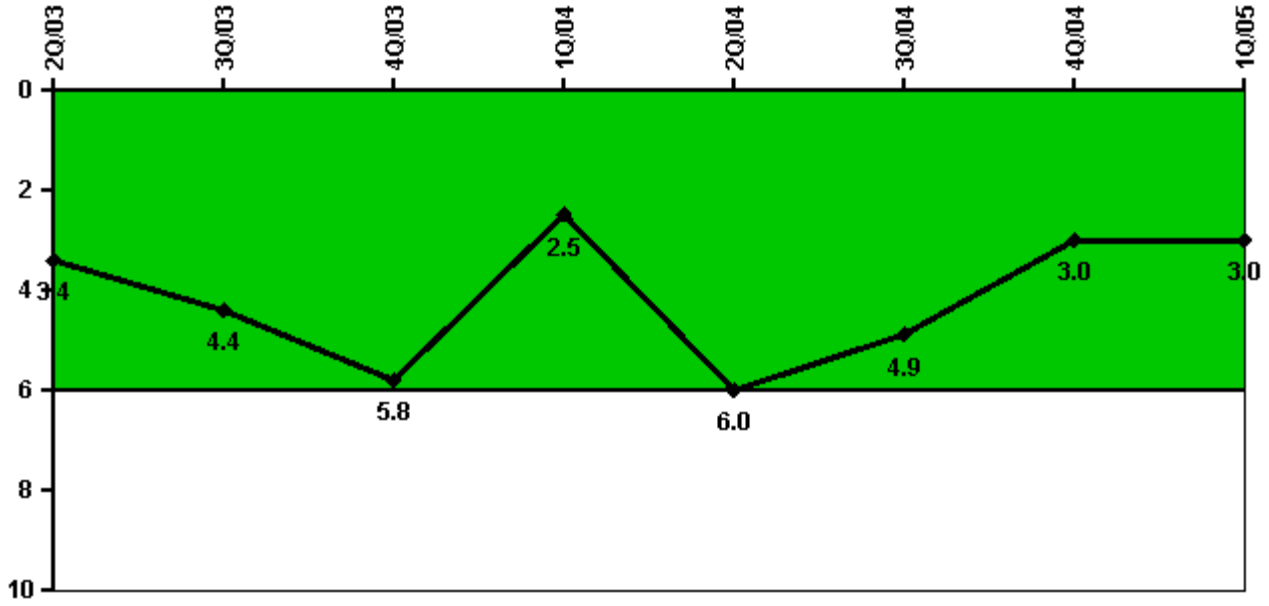
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



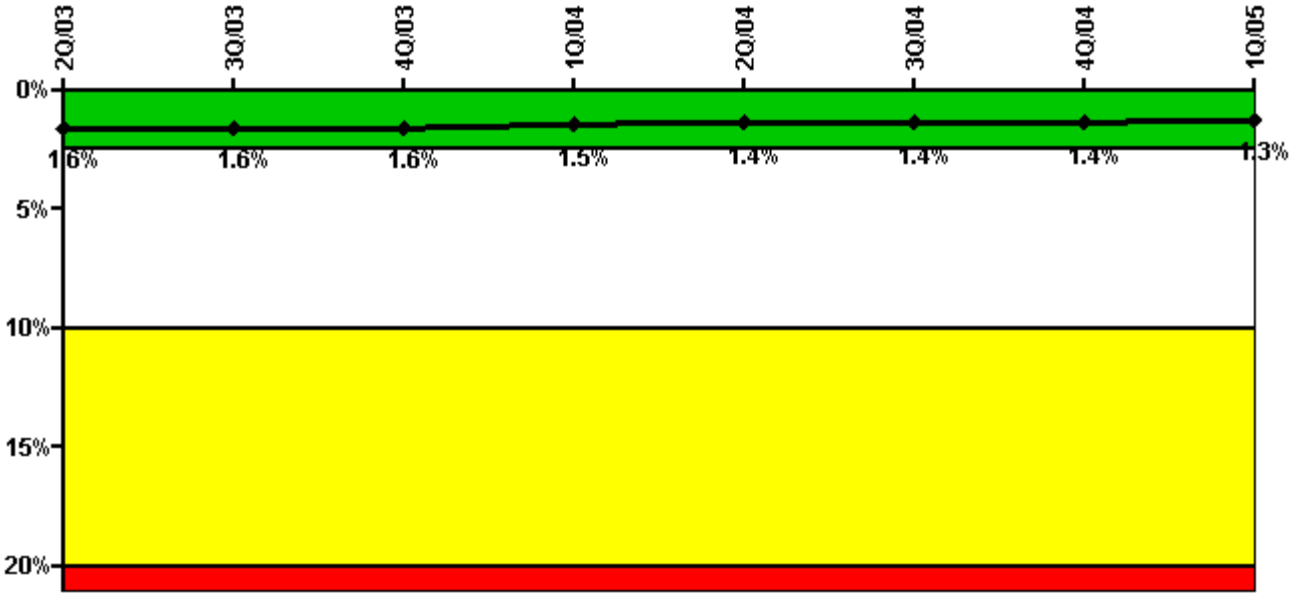
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Unplanned power changes	0	1.0	2.0	0	3.0	0	0	0
Critical hours	2183.0	1992.0	2142.3	2156.0	753.1	2148.8	1918.5	2160.0
Indicator value	**3.4**	**4.4**	**5.8**	**2.5**	**6.0**	**4.9**	**3.0**	**3.0**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



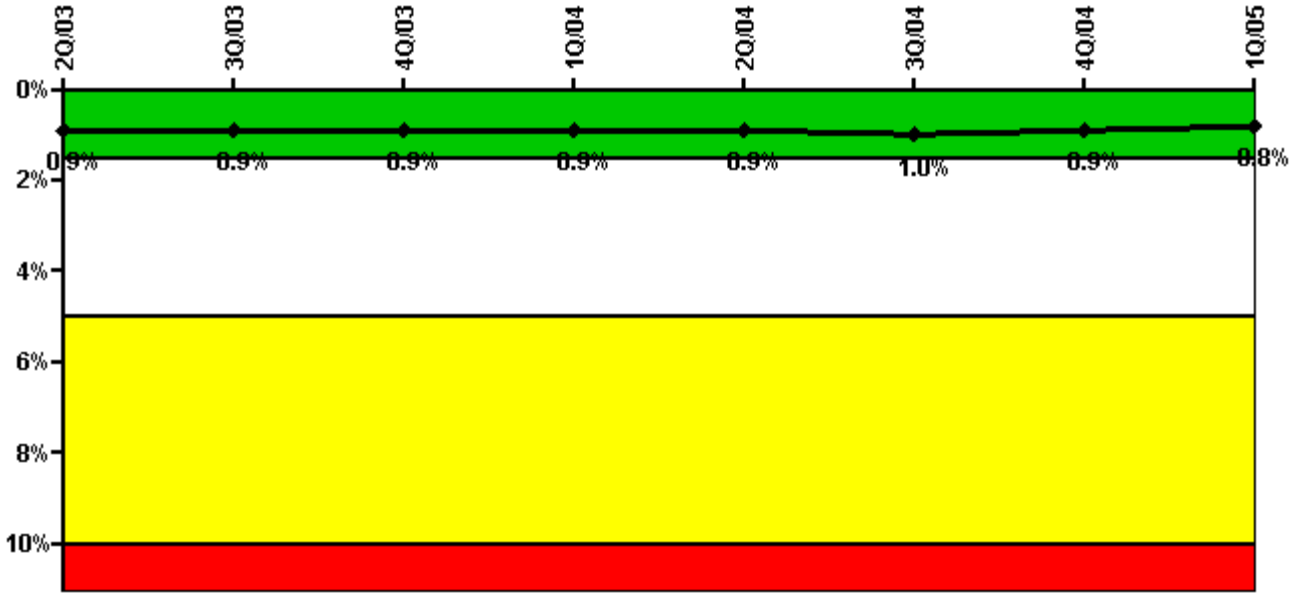
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	71.20	5.20	5.30	11.70	2.90	12.10	4.46	4.31
Unplanned unavailable hours	0	0	0	0	0	0	8.42	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	2184.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	23.60	8.20	51.90	7.70	1.80	5.80	5.14	4.40
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	2184.00	2183.00	2208.00	2209.00	2160.00
Train 3								
Planned unavailable hours	41.60	5.00	6.80	36.90	1.20	6.50	7.08	3.41
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	2209.00	2184.00	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)

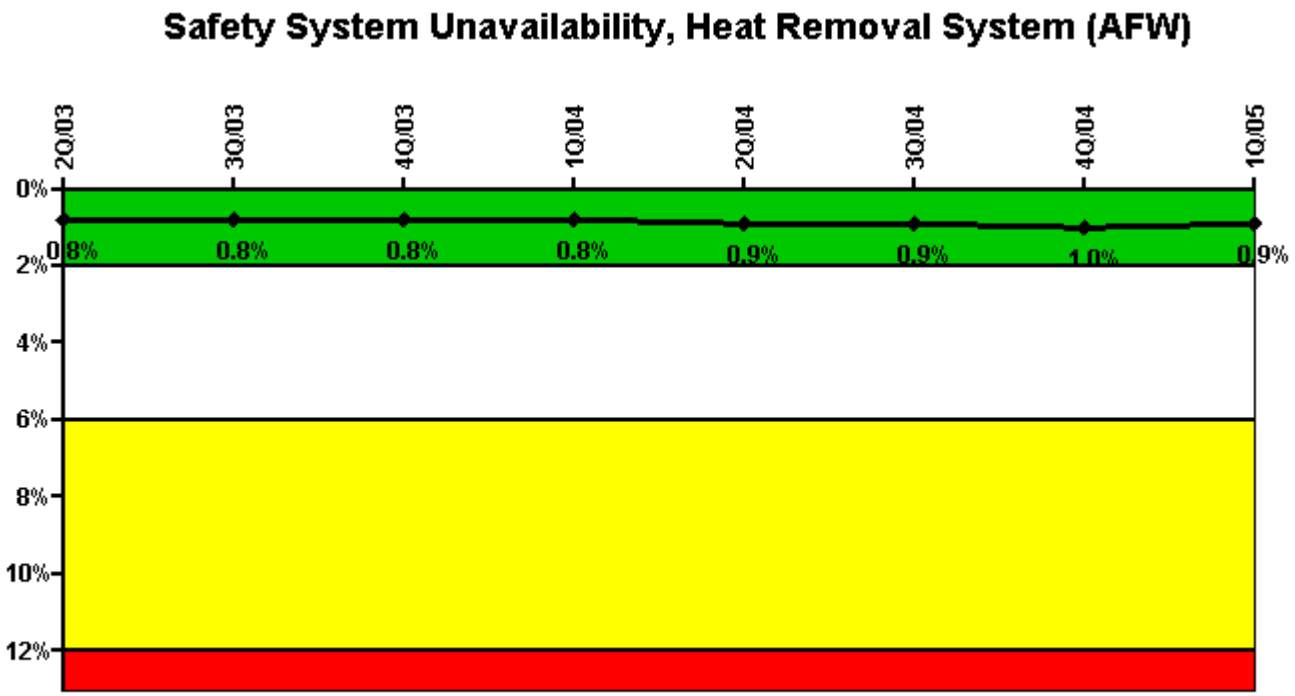


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	30.80	13.60	7.20	38.90	0.30	17.80	0	8.93
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	1992.00	2142.00	2156.00	753.13	2149.00	1918.47	2160.00
Train 2								
Planned unavailable hours	6.10	1.90	11.70	41.90	61.60	65.40	38.96	2.00
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	1992.00	2142.00	2156.00	753.13	2149.00	1918.47	2160.00
Train 3								
Planned unavailable hours	13.30	0	0	0	0	24.10	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	2183.00	1992.00	2142.00	2156.00	753.13	2149.00	1918.47	2160.00
Train 4								
Planned unavailable hours	5.50	0	0	5.40	0	2.00	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	2183.00	1992.00	2142.00	2156.00	753.13	2149.00	1918.47	2160.00
Indicator value	**0.9%**	**0.9%**	**0.9%**	**0.9%**	**0.9%**	**1.0%**	**0.9%**	**0.8%**

Licensee Comments: none



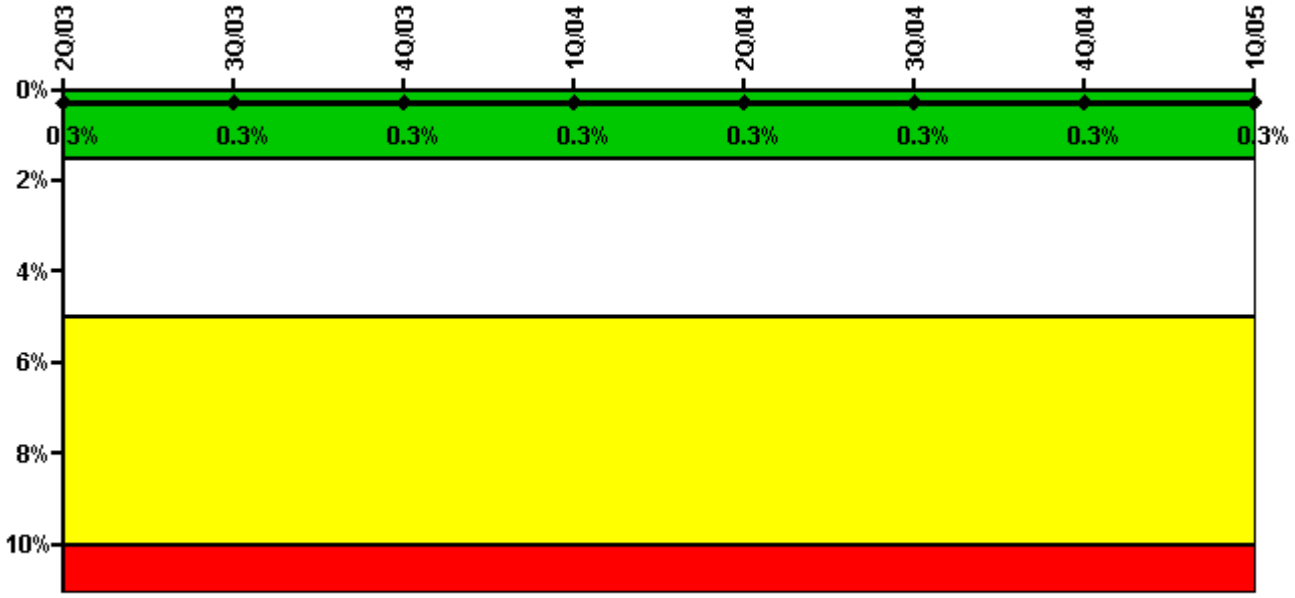
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	1.20	1.30	15.00	0.80	0.70	12.30	1.70	1.55
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	1992.00	2142.00	2156.00	753.13	2149.00	1918.47	2160.00
Train 2								
Planned unavailable hours	69.30	43.30	29.30	20.90	21.30	0.80	1.70	1.68
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	1992.00	2142.00	2156.00	753.13	2149.00	1918.47	2160.00
Train 3								
Planned unavailable hours	22.20	15.90	1.60	31.80	1.80	45.00	12.42	8.12
Unplanned unavailable hours	19.40	0	0	2.90	40.50	0	64.81	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	1992.00	2142.00	2156.00	753.13	2149.00	1918.47	2160.00
Indicator value	**0.8%**	**0.8%**	**0.8%**	**0.8%**	**0.9%**	**0.9%**	**1.0%**	**0.9%**

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



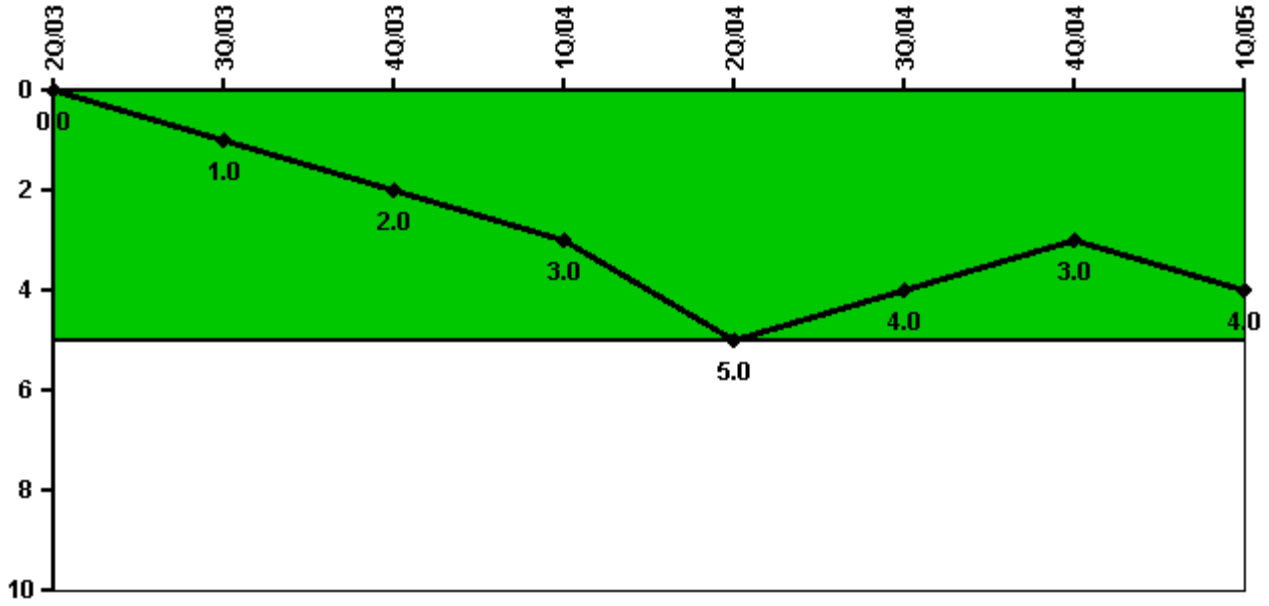
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	28.10	6.50	0	13.70	0	0	0	4.95
Unplanned unavailable hours	0	10.40	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	2184.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	23.80	1.20	0	0.10	0	35.00	0	7.57
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	2184.00	2183.00	2208.00	2209.00	2160.00
Indicator value	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**

Licensee Comments: none

Safety System Functional Failures (PWR)



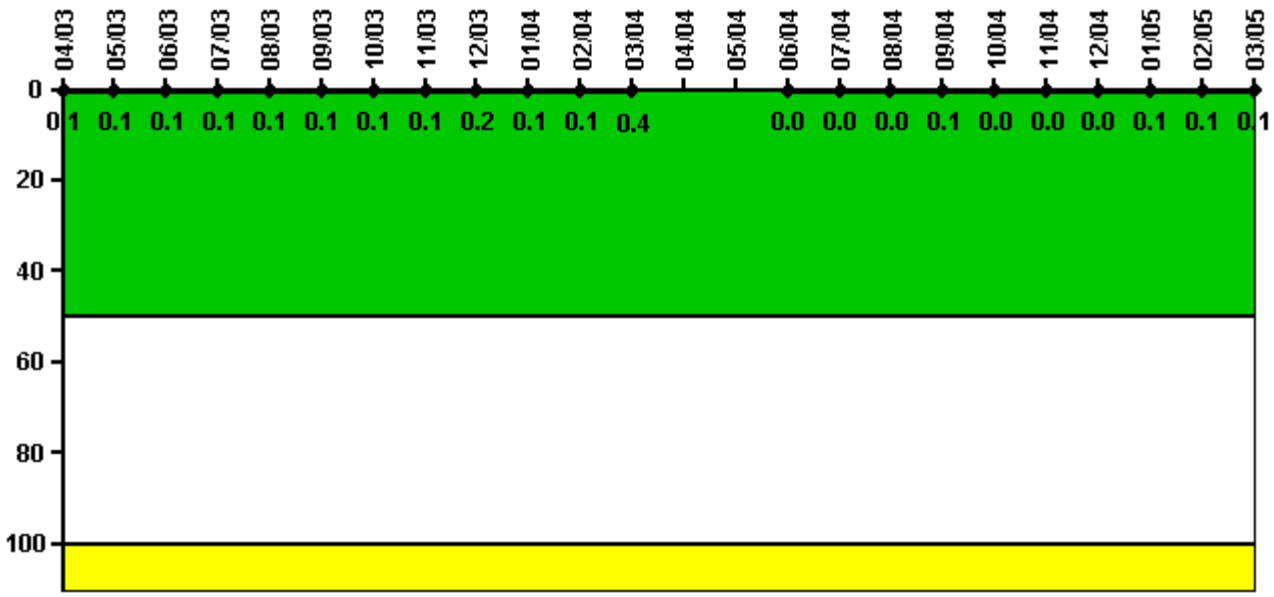
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Safety System Functional Failures	0	1	1	1	2	0	0	2
Indicator value	**0**	**1**	**2**	**3**	**5**	**4**	**3**	**4**

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

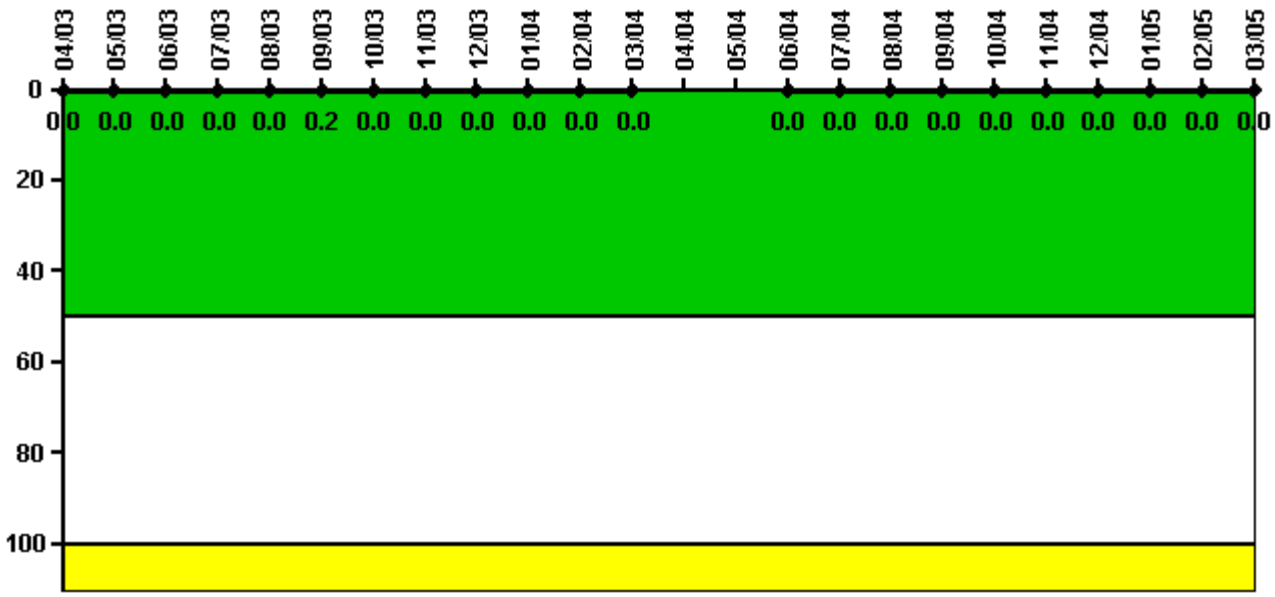
Notes

Reactor Coolant System Activity	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04
Maximum activity	0.000801	0.000818	0.000903	0.000925	0.000944	0.000959	0.000986	0.000946	0.001580	0.000990	0.001000	0.004100
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**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.1**	**0.1**	**0.4**

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	N/A	N/A	0.000362	0.000392	0.000418	0.001233	0.000466	0.000474	0.000446	0.000532	0.000503	0.000620
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	**N/A**	**N/A**	**0**	**0**	**0**	**0.1**	**0**	**0**	**0**	**0.1**	**0.1**	**0.1**

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

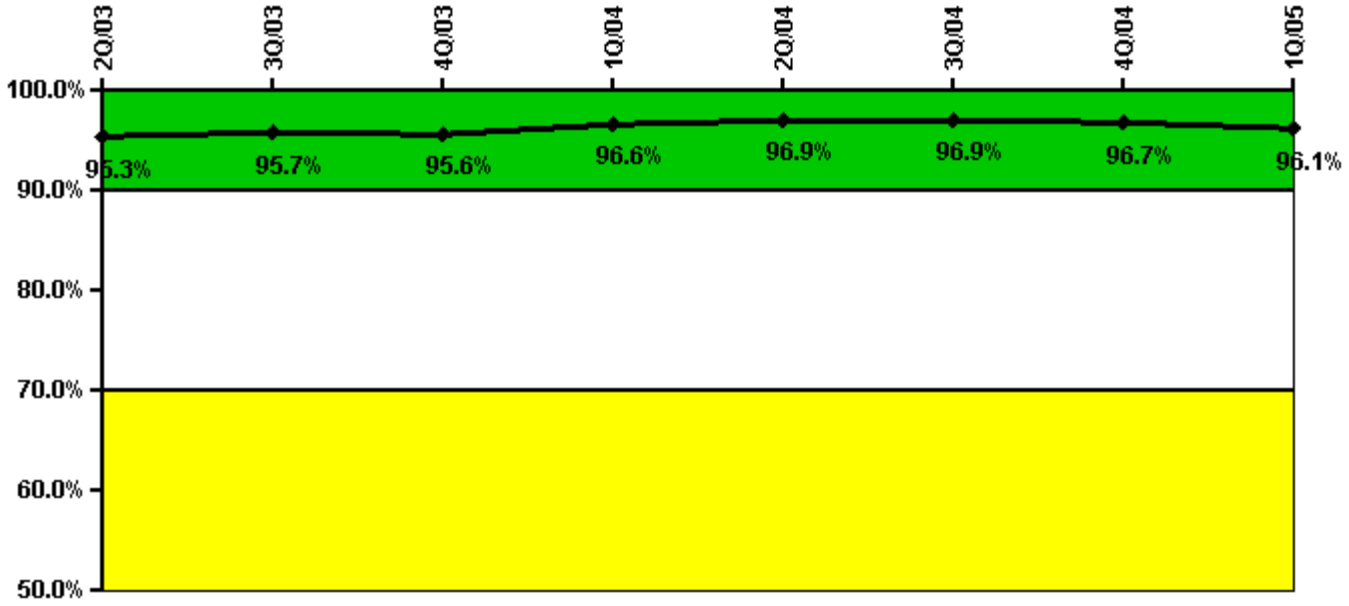
Notes

Reactor Coolant System Leakage	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04
Maximum leakage	0	0	0	0	0	0.024	0	0	0	0	0	0
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**	**0**	**0**	**0**	**0**	**0.2**	**0**	**0**	**0**	**0**	**0**	**0**

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	N/A	N/A	0	0	0	0	0	0	0	0	0	0
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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Drill/Exercise Performance

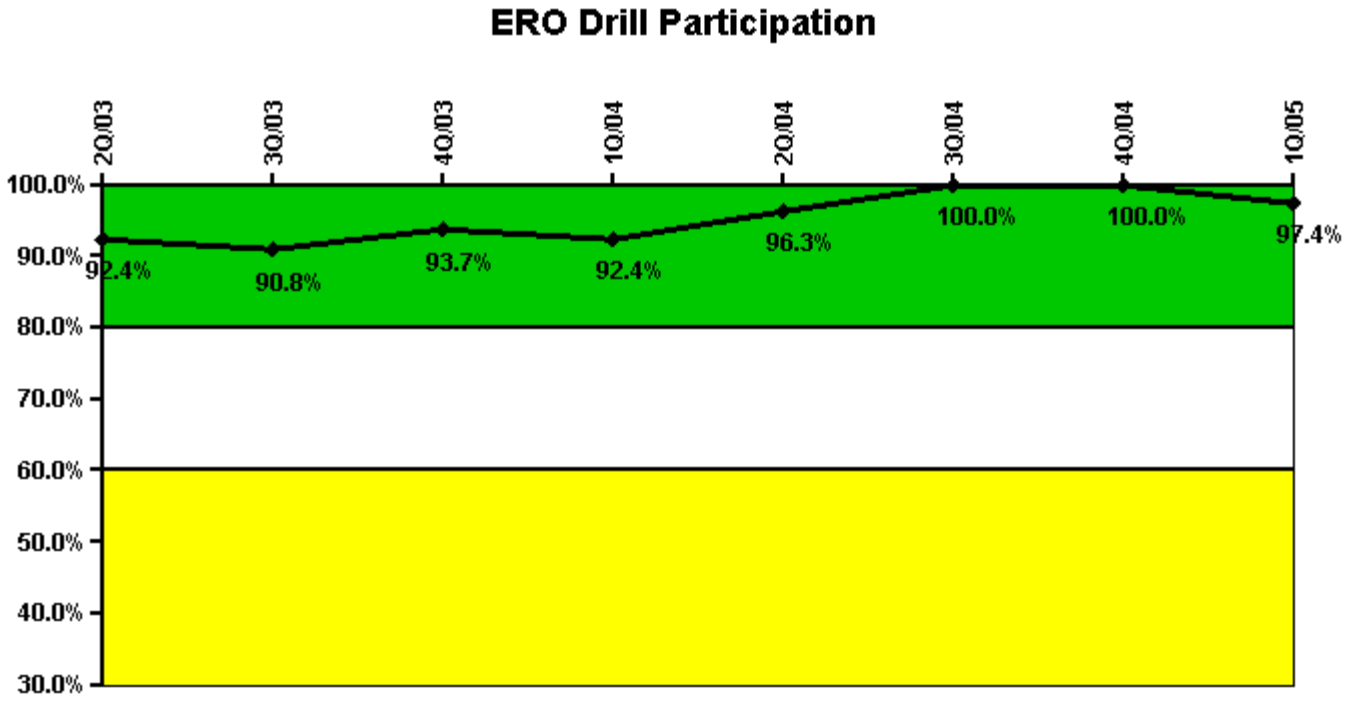


Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Successful opportunities	5.0	18.0	106.0	24.0	10.0	16.0	101.0	19.0
Total opportunities	6.0	18.0	109.0	24.0	10.0	16.0	108.0	20.0
Indicator value	**95.3%**	**95.7%**	**95.6%**	**96.6%**	**96.9%**	**96.9%**	**96.7%**	**96.1%**

Licensee Comments: none



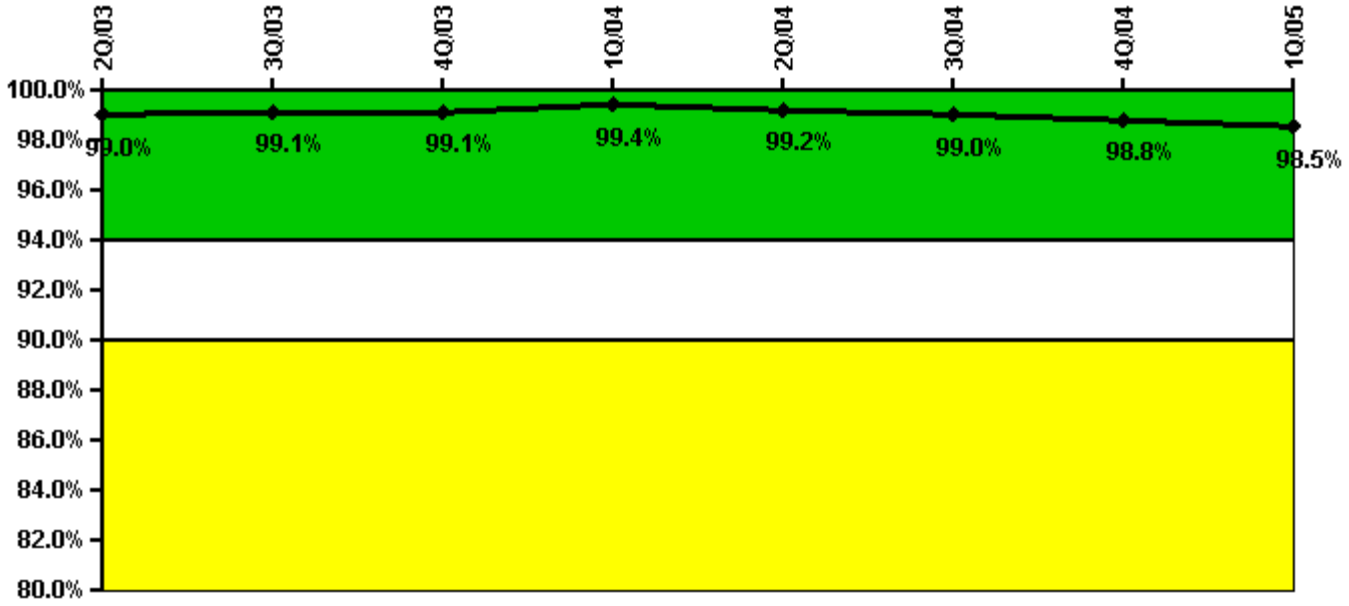
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Participating Key personnel	73.0	69.0	74.0	73.0	79.0	82.0	82.0	112.0
Total Key personnel	79.0	76.0	79.0	79.0	82.0	82.0	82.0	115.0
Indicator value	**92.4%**	**90.8%**	**93.7%**	**92.4%**	**96.3%**	**100.0%**	**100.0%**	**97.4%**

Licensee Comments: none

Alert & Notification System



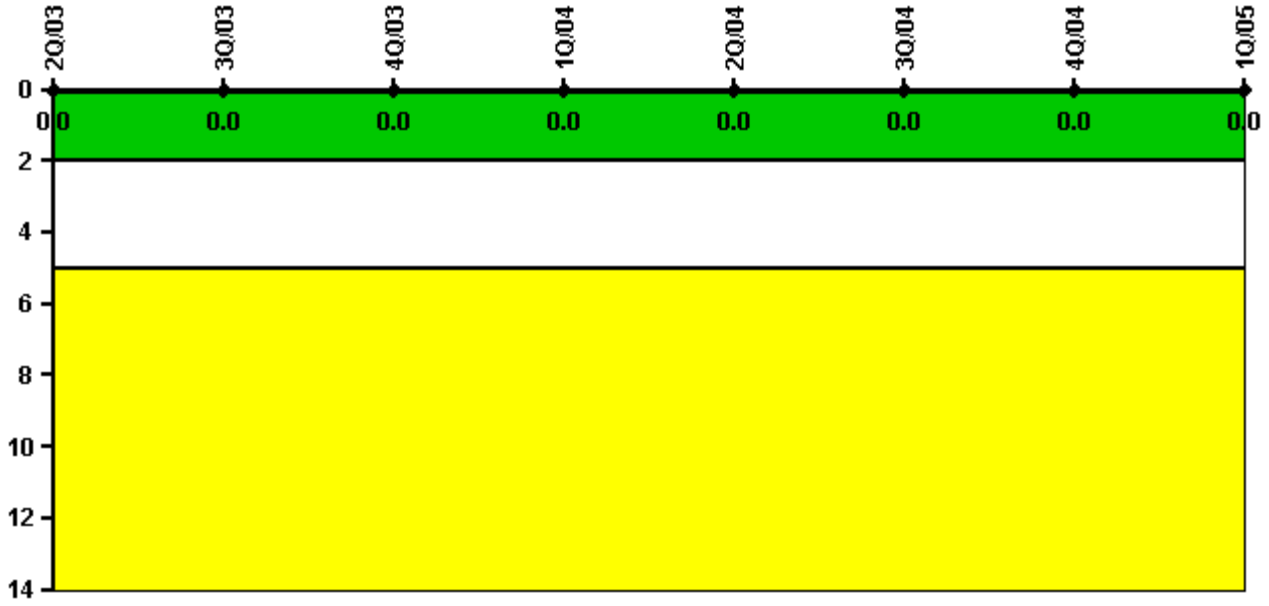
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Successful siren-tests	495	496	491	496	490	492	487	490
Total sirens-tests	499	497	497	497	497	497	497	497
Indicator value	**99.0%**	**99.1%**	**99.1%**	**99.4%**	**99.2%**	**99.0%**	**98.8%**	**98.5%**

Licensee Comments: none

Occupational Exposure Control Effectiveness



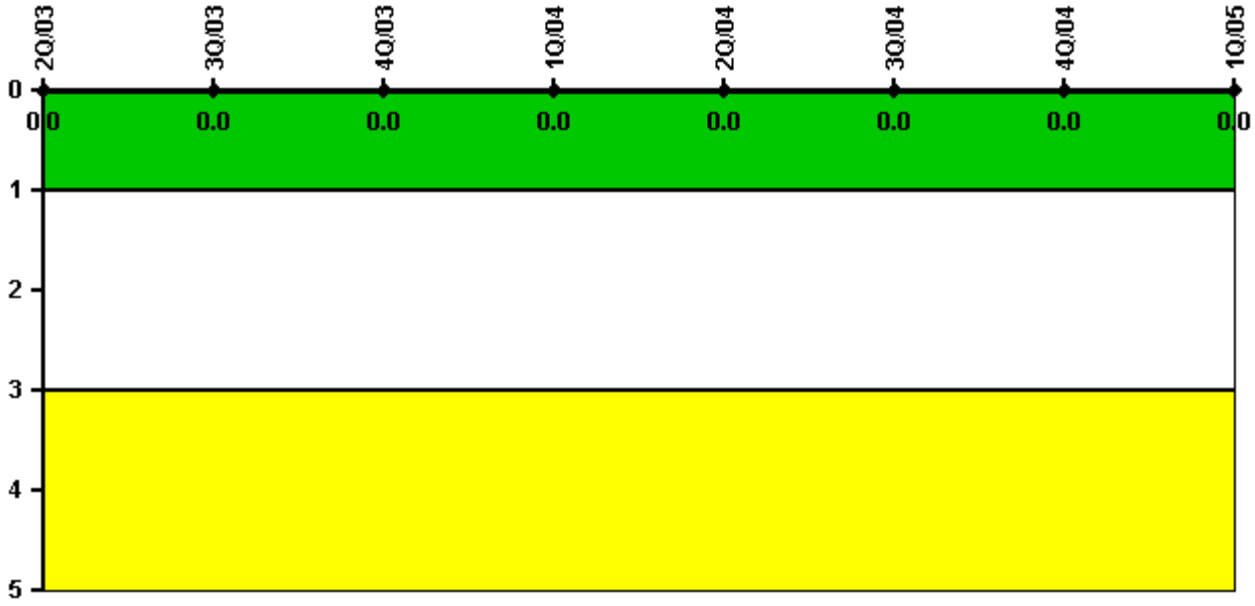
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
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/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/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: June 17, 2005