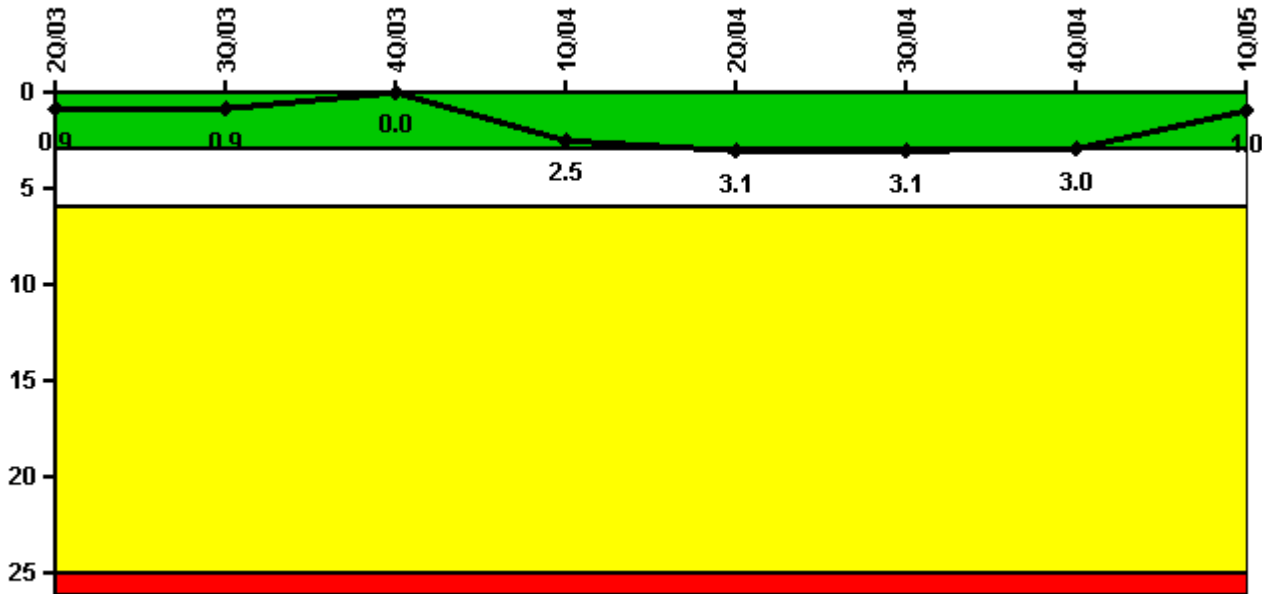


Callaway

1Q/2005 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



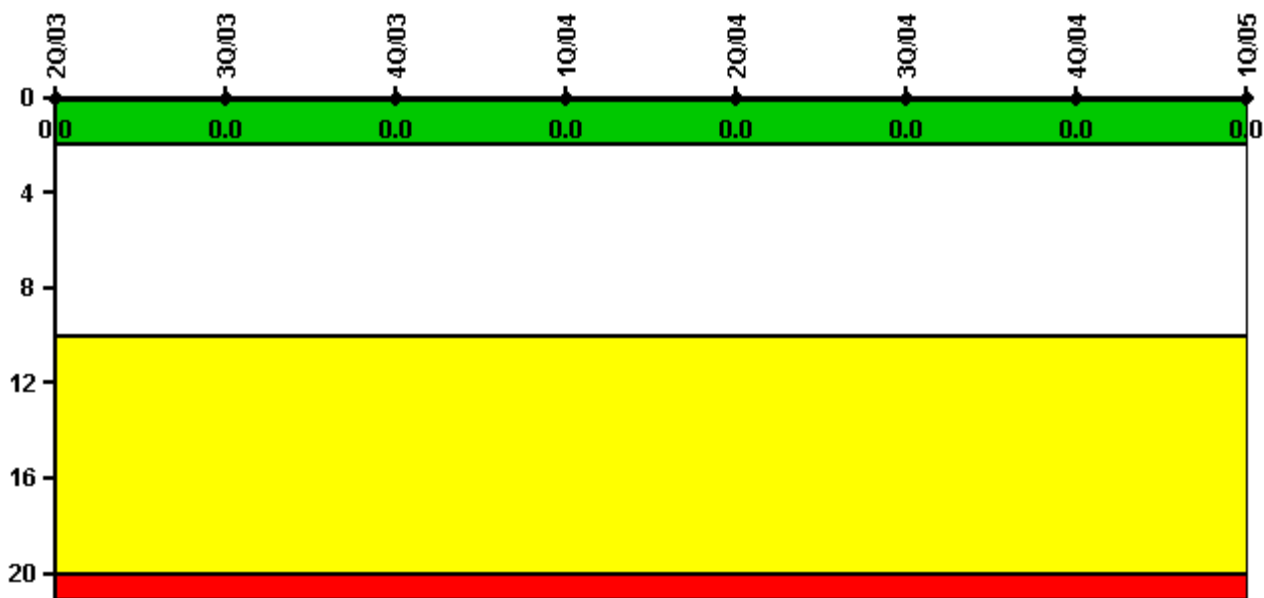
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	0	0	3.0	0	0	0	1.0
Critical hours	2148.5	2208.0	2143.5	1844.9	670.7	2208.0	2209.0	1993.7
Indicator value	0.9	0.9	0	2.5	3.1	3.1	3.0	1.0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



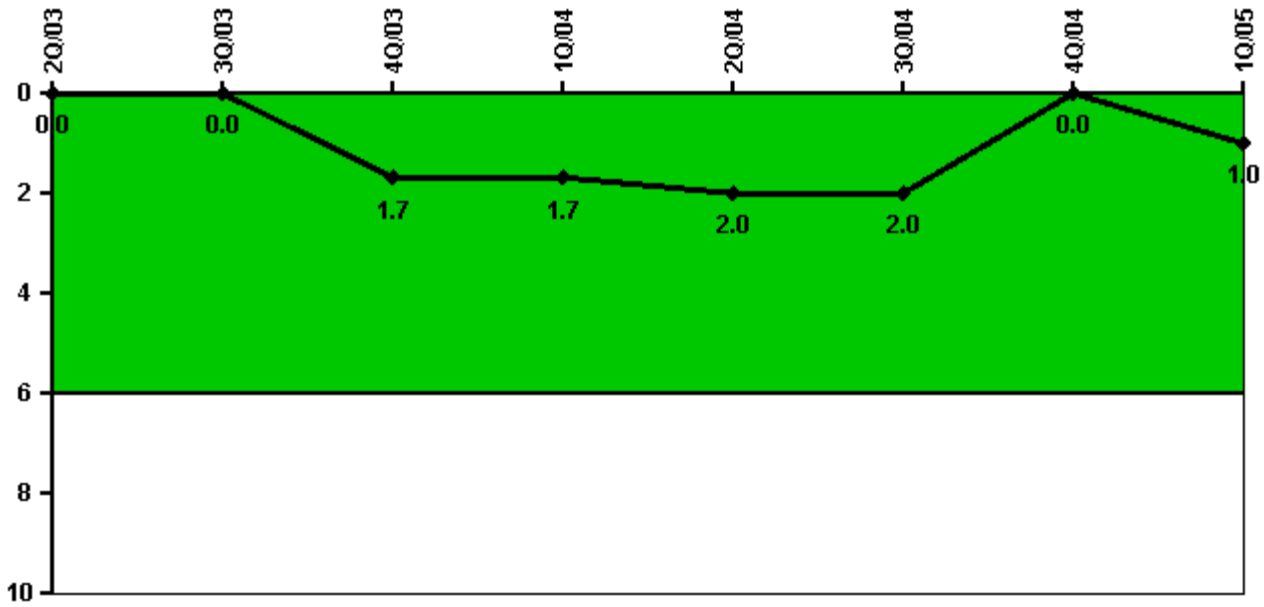
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	2Q/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	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



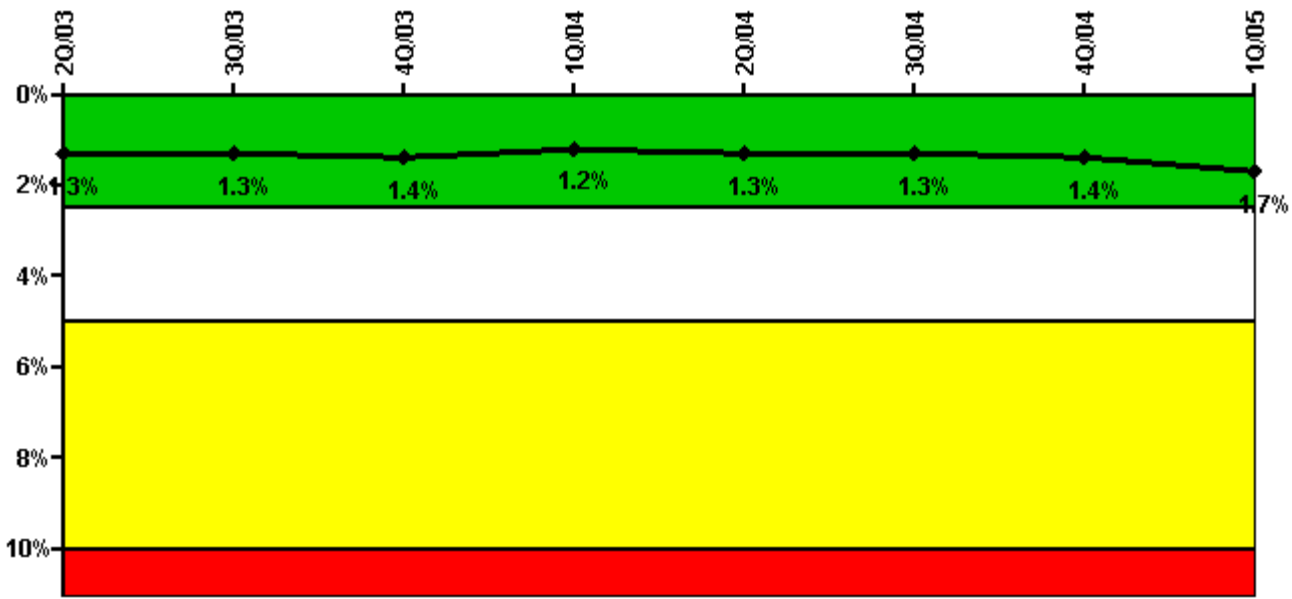
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Unplanned power changes	0	0	2.0	0	0	0	0	1.0
Critical hours	2148.5	2208.0	2143.5	1844.9	670.7	2208.0	2209.0	1993.7
Indicator value	0	0	1.7	1.7	2.0	2.0	0	1.0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



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

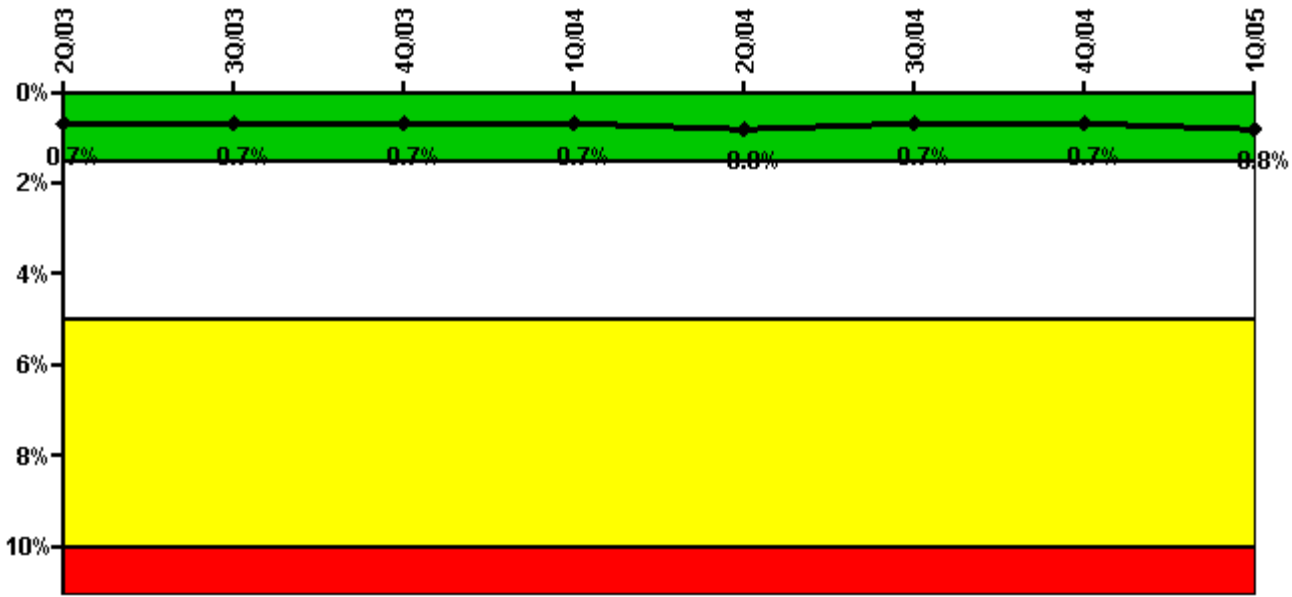
Notes

Safety System Unavailability, Emergency AC Power	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	3.60	51.70	3.00	3.40	3.90	51.90	19.90	69.20
Unplanned unavailable hours	0	0	0	28.00	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	2184.00	2208.00	2208.00	2184.00	1234.35	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	38.10	2.00	40.10	1.70	3.10	11.10	44.60	3.10
Unplanned unavailable hours	18.10	0	47.70	55.60	11.40	0	3.60	148.80
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2208.00	2208.00	2184.00	1234.35	2208.00	2209.00	2160.00
Indicator value	1.3%	1.3%	1.4%	1.2%	1.3%	1.3%	1.4%	1.7%

Licensee Comments:

1Q/05: An engineering evaluation to resolve potential past inoperability of the Emergency Service Water system and applicability of T/2 Fault Exposure Time against the Emergency AC System is pending. The issue is being tracked under the Callaway corrective action program and, if required, results will be reported under the 2Q2005 PI data submittal.

Safety System Unavailability, High Pressure Injection System (HPSI)



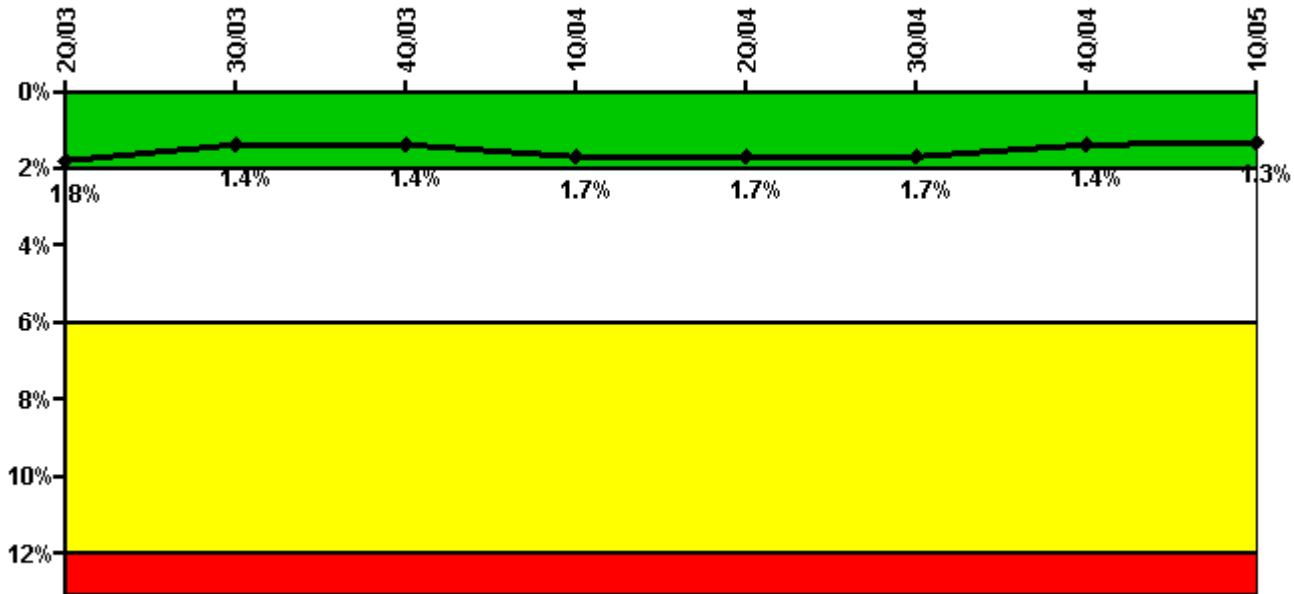
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

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	26.00	2.50	30.80	4.00	1.00	17.90	24.60	2.60
Unplanned unavailable hours	0	0	0	0	5.30	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	2174.80	2208.00	2208.00	2160.00	764.25	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	74.70	2.10	3.00	11.30	6.80	1.30	27.40	2.00
Unplanned unavailable hours	0	0	3.90	0	0	0	8.90	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	2174.80	2208.00	2208.00	2160.00	764.25	2208.00	2209.00	2160.00
Train 3								
Planned unavailable hours	3.40	42.70	30.80	17.50	1.00	1.20	2.00	44.00
Unplanned unavailable hours	1.10	0	0	0	5.30	0	0	3.50
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2174.80	2208.00	2208.00	2160.00	737.70	2208.00	2209.00	2160.00
Train 4								
Planned unavailable hours	19.30	41.70	3.30	13.50	0.20	0.90	15.60	25.90
Unplanned unavailable hours	0	0	3.90	0	0	0	8.90	41.80
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2174.80	2208.00	2208.00	2160.00	737.70	2208.00	2209.00	2160.00
Indicator value	0.7%	0.7%	0.7%	0.7%	0.8%	0.7%	0.7%	0.8%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



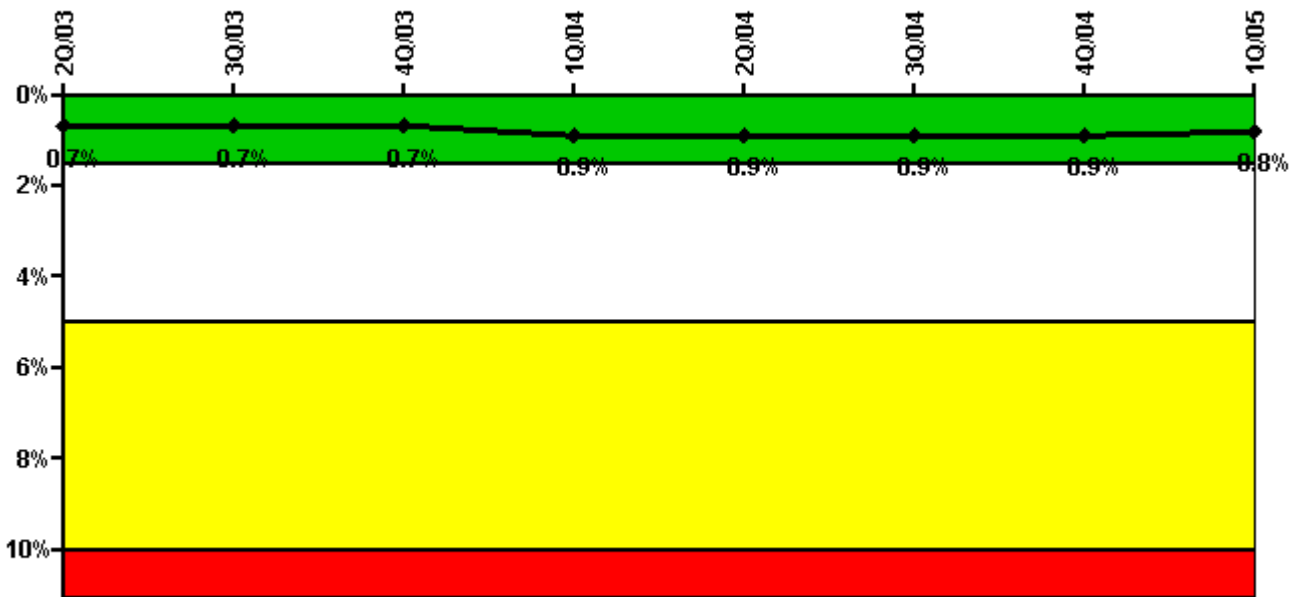
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	24.40	1.40	5.80	0	0	0.10	30.10	1.60
Unplanned unavailable hours	0	0	0	0	0	0	1.30	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	2174.80	2208.00	2208.00	2136.00	737.70	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	19.70	1.00	21.00	7.90	0	21.20	2.20	1.30
Unplanned unavailable hours	7.30	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	2174.80	2208.00	2208.00	2136.00	737.70	2208.00	2209.00	2160.00
Train 3								
Planned unavailable hours	5.10	4.80	3.20	28.20	2.80	2.70	3.60	9.10
Unplanned unavailable hours	45.00	0	0	195.00	0	53.70	39.90	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	2174.80	2208.00	2208.00	2136.00	737.70	2208.00	2209.00	2160.00
Indicator value	1.8%	1.4%	1.4%	1.7%	1.7%	1.7%	1.4%	1.3%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



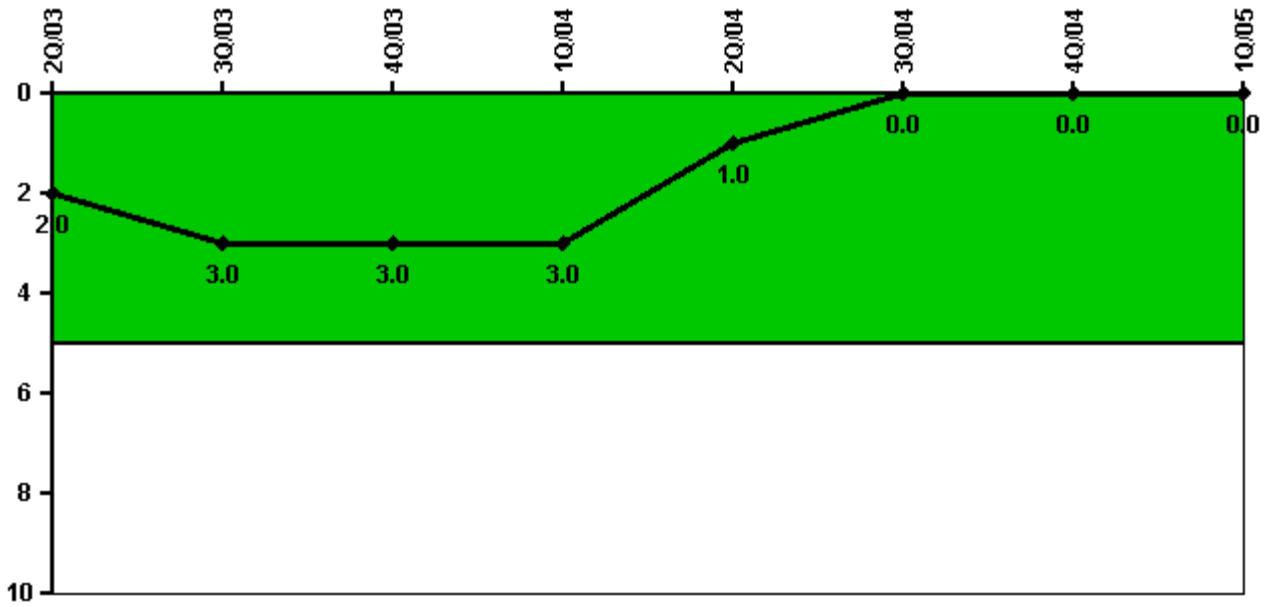
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

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	3.40	1.70	29.90	79.90	8.40	1.30	2.10	2.30
Unplanned unavailable hours	0	0	0	0	5.30	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	2184.00	2208.00	2208.00	2160.00	1171.70	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	19.80	25.50	2.80	11.00	0.30	26.50	15.70	1.50
Unplanned unavailable hours	0	0	3.90	0	26.70	0	8.90	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	2184.00	2208.00	2208.00	2160.00	1171.70	2208.00	2209.00	2160.00
Indicator value	0.7%	0.7%	0.7%	0.9%	0.9%	0.9%	0.9%	0.8%

Licensee Comments: none

Safety System Functional Failures (PWR)



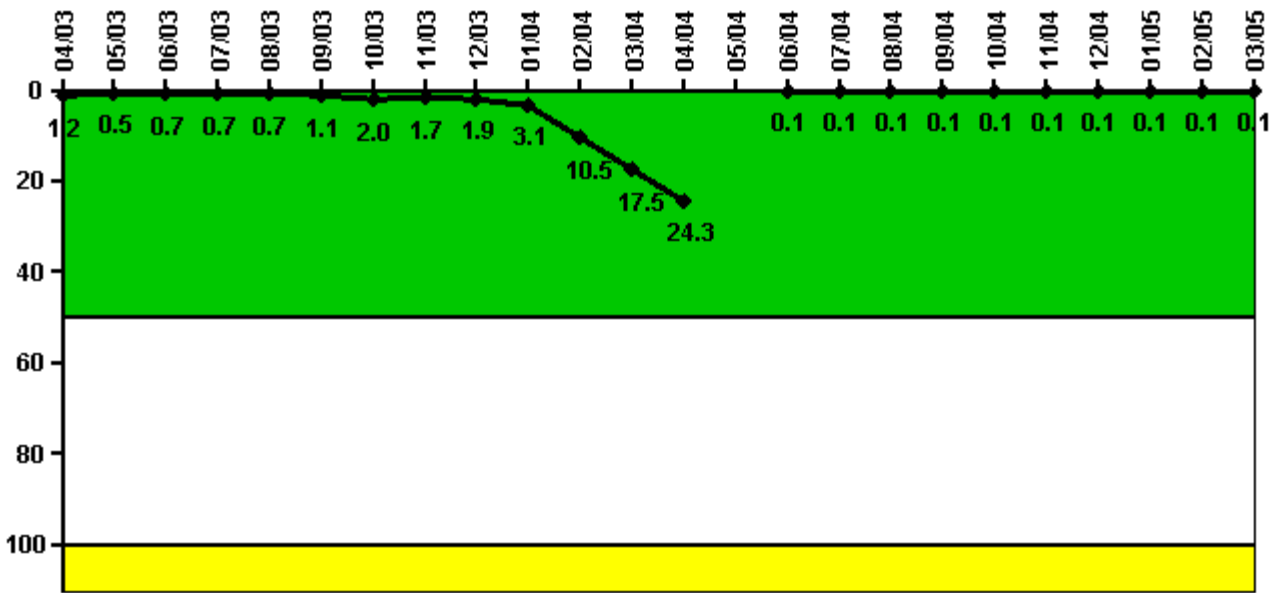
Thresholds: White > 5.0

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	2	1	0	0	0	0	0	0
Indicator value	2	3	3	3	1	0	0	0

Licensee Comments: none

Reactor Coolant System Activity



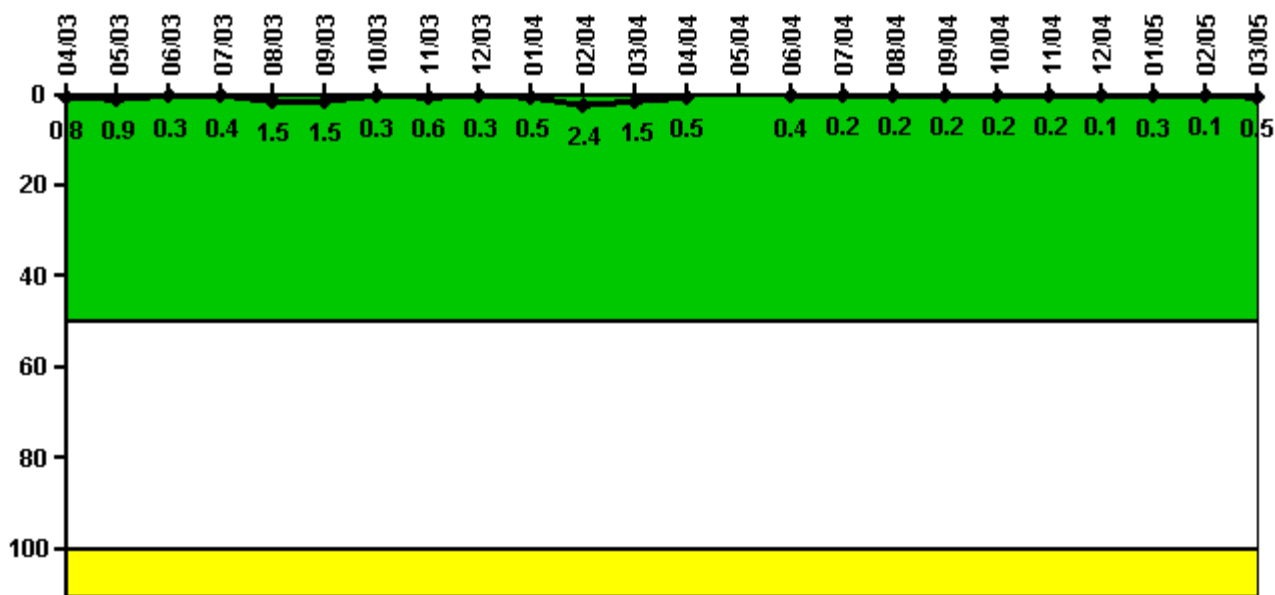
Thresholds: White > 50.0 Yellow > 100.0

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	0.003530	0.001390	0.001970	0.002100	0.002000	0.003200	0.005990	0.005120	0.005810	0.009300	0.031500	0.052600
Technical specification limit	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Indicator value	1.2	0.5	0.7	0.7	0.7	1.1	2.0	1.7	1.9	3.1	10.5	17.5
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	0.073000	N/A	0.000690	0.000750	0.000884	0.001087	0.001150	0.001170	0.001220	0.001470	0.001410	0.001410
Technical specification limit	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	24.3	N/A	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



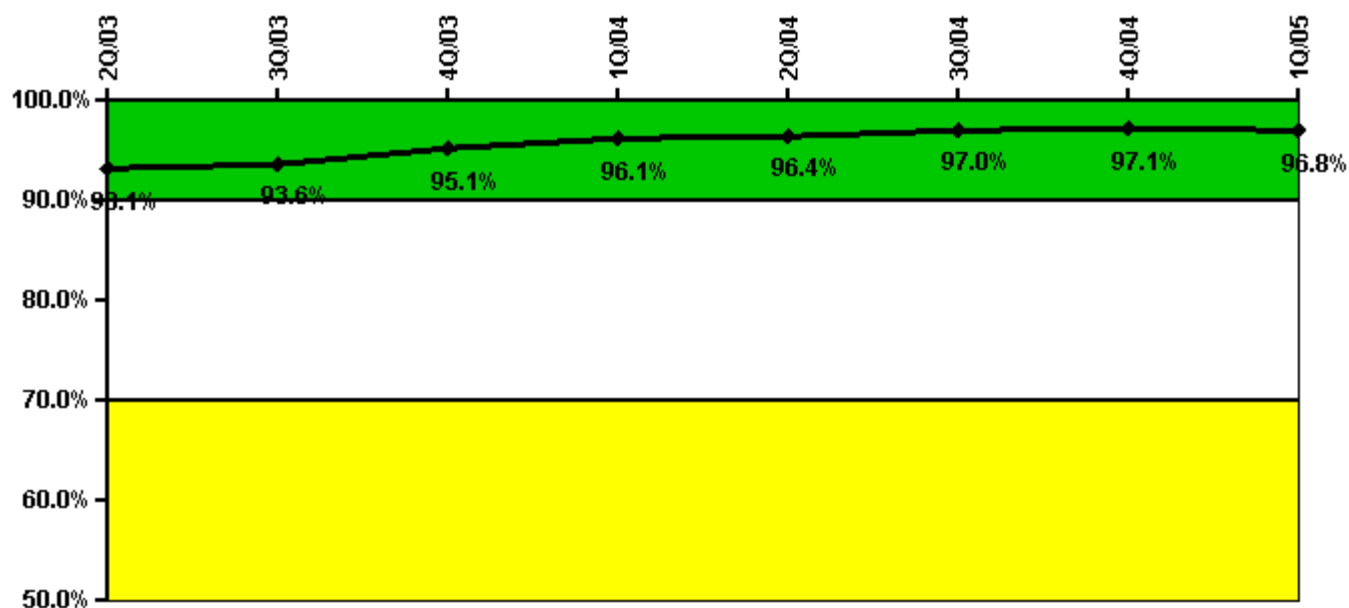
Thresholds: White > 50.0 Yellow > 100.0

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	0.078	0.087	0.028	0.042	0.145	0.148	0.031	0.060	0.025	0.045	0.236	0.145
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	0.8	0.9	0.3	0.4	1.5	1.5	0.3	0.6	0.3	0.5	2.4	1.5
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	0.047	N/A	0.040	0.018	0.020	0.018	0.024	0.015	0.006	0.026	0.012	0.049
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	0.5	N/A	0.4	0.2	0.2	0.2	0.2	0.2	0.1	0.3	0.1	0.5

Licensee Comments: none

Drill/Exercise Performance



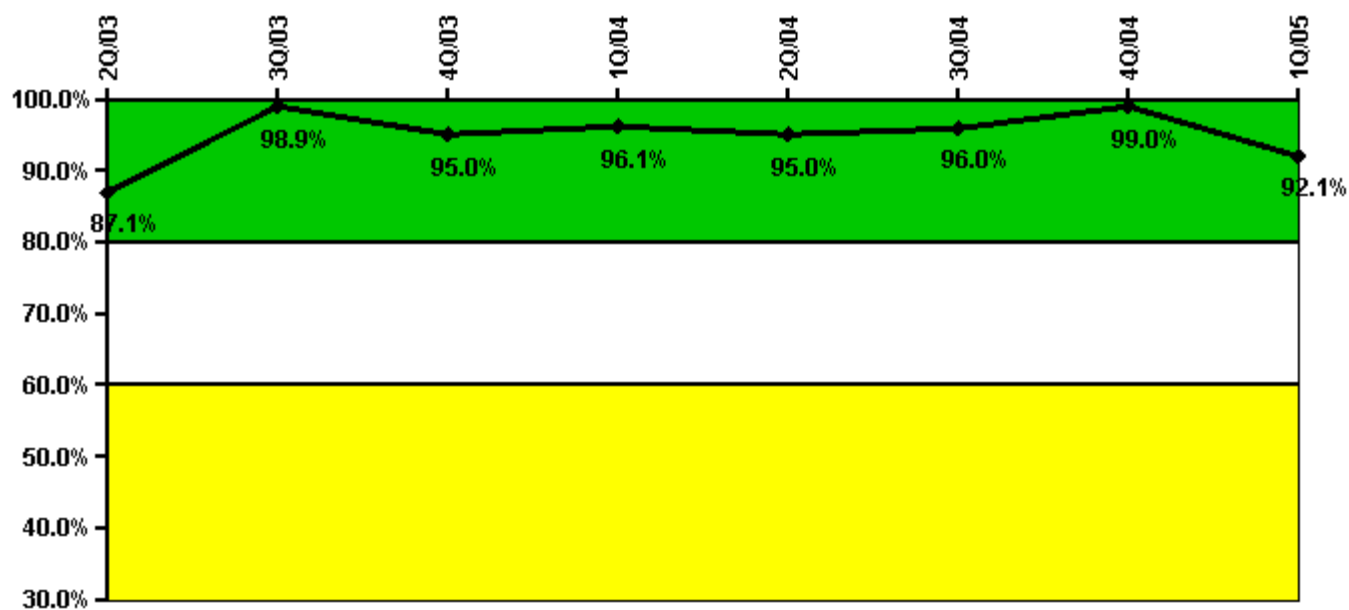
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Successful opportunities	12.0	84.0	35.0	28.0	0	30.0	43.0	36.0
Total opportunities	12.0	88.0	36.0	28.0	0	31.0	44.0	38.0
Indicator value	93.1%	93.6%	95.1%	96.1%	96.4%	97.0%	97.1%	96.8%

Licensee Comments: none

ERO Drill Participation



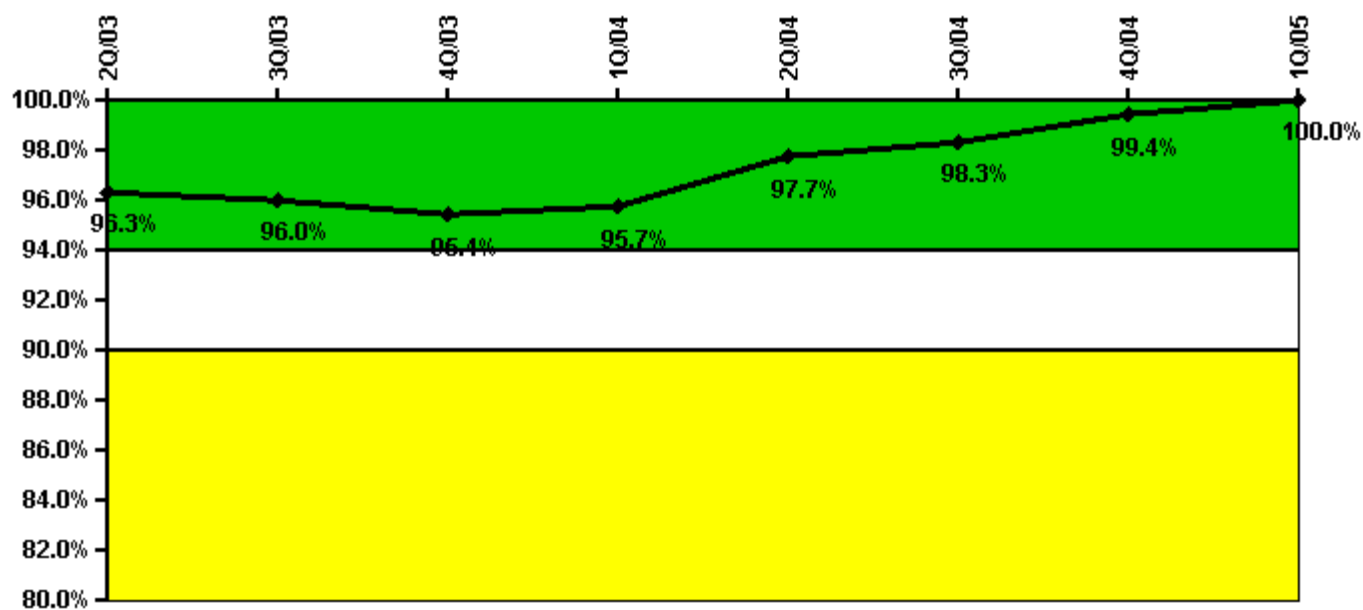
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Participating Key personnel	81.0	91.0	96.0	99.0	95.0	96.0	96.0	93.0
Total Key personnel	93.0	92.0	101.0	103.0	100.0	100.0	97.0	101.0
Indicator value	87.1%	98.9%	95.0%	96.1%	95.0%	96.0%	99.0%	92.1%

Licensee Comments: none

Alert & Notification System



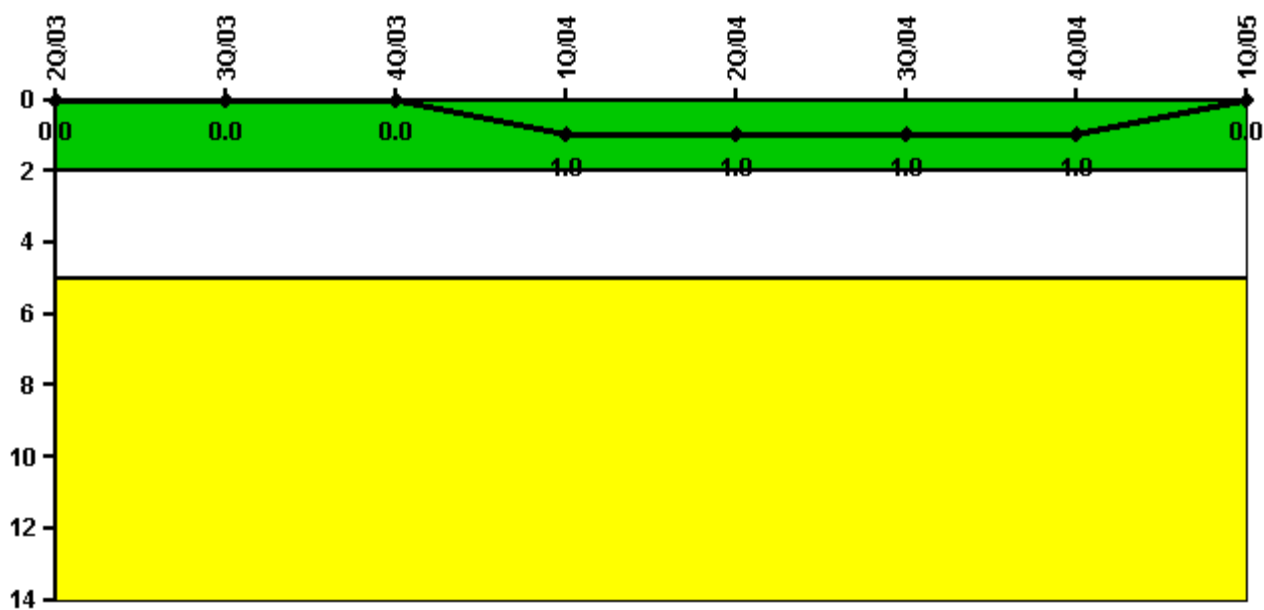
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Successful siren-tests	80	85	83	85	87	87	87	87
Total sirens-tests	87	87	87	87	87	87	87	87
Indicator value	96.3%	96.0%	95.4%	95.7%	97.7%	98.3%	99.4%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



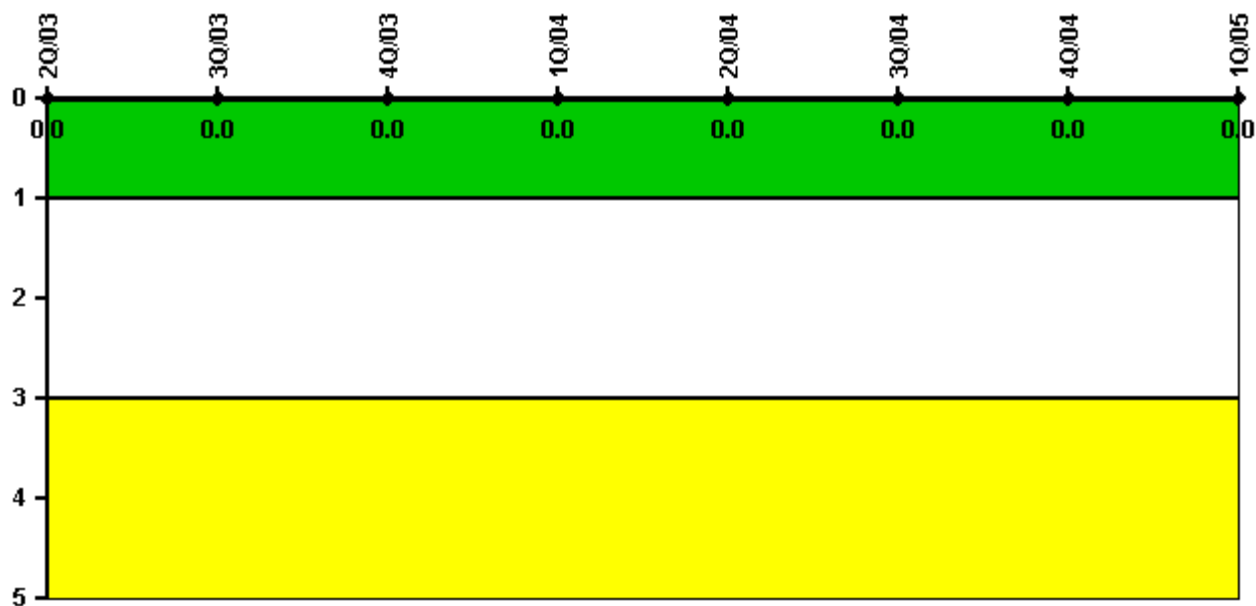
Thresholds: White > 2.0 Yellow > 5.0

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	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/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.

▲ [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: June 17, 2005