

Calvert Cliffs 1

2Q/2005 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



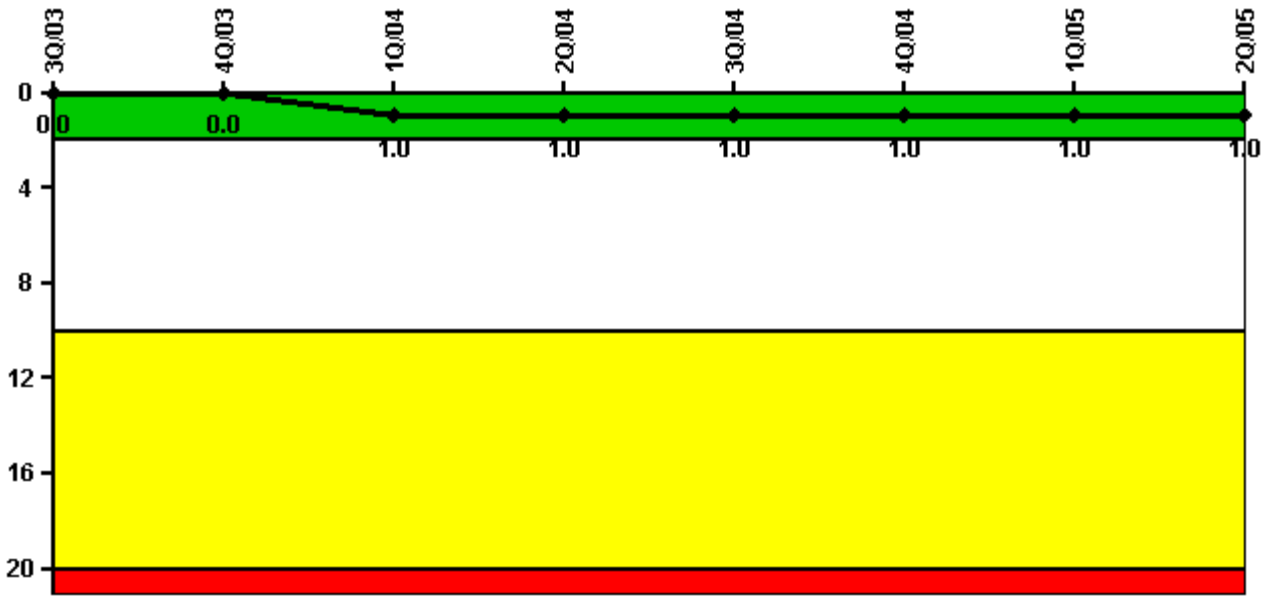
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Unplanned scrams	0	0	1.0	0	0	0	1.0	0
Critical hours	2208.0	2209.0	2157.0	1501.0	2208.0	2209.0	2136.3	2183.0
Indicator value	0	0	0.8	0.9	0.9	0.9	0.9	0.8

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



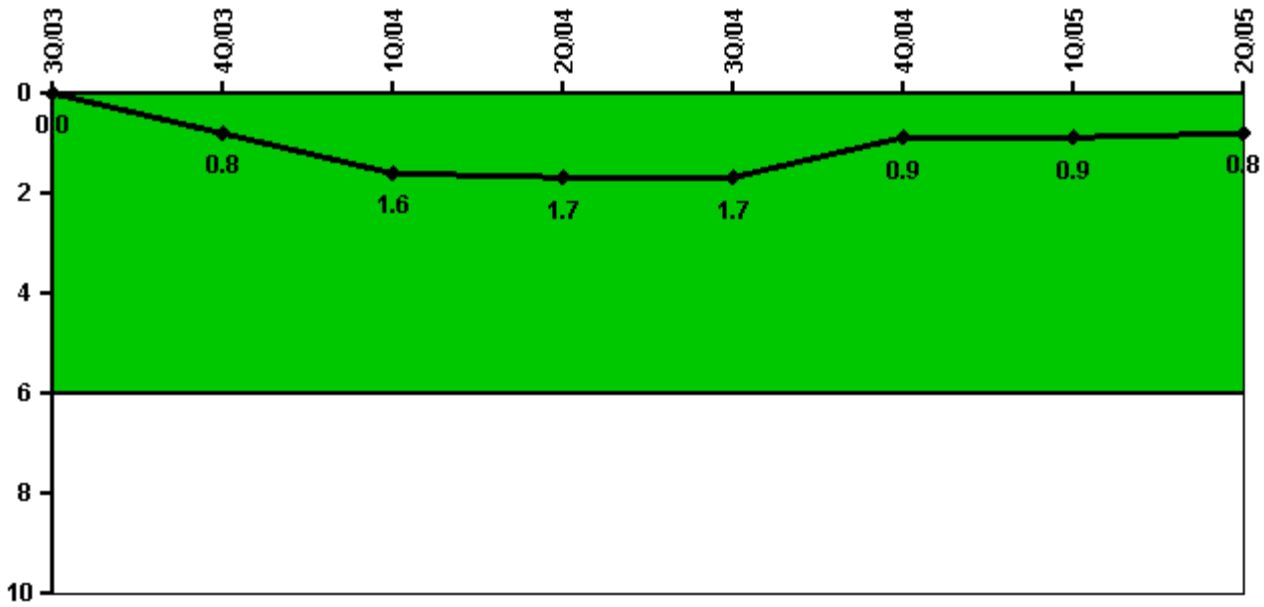
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

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	1.0	0	0	0	0	0
Indicator value	0	0	1.0	1.0	1.0	1.0	1.0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



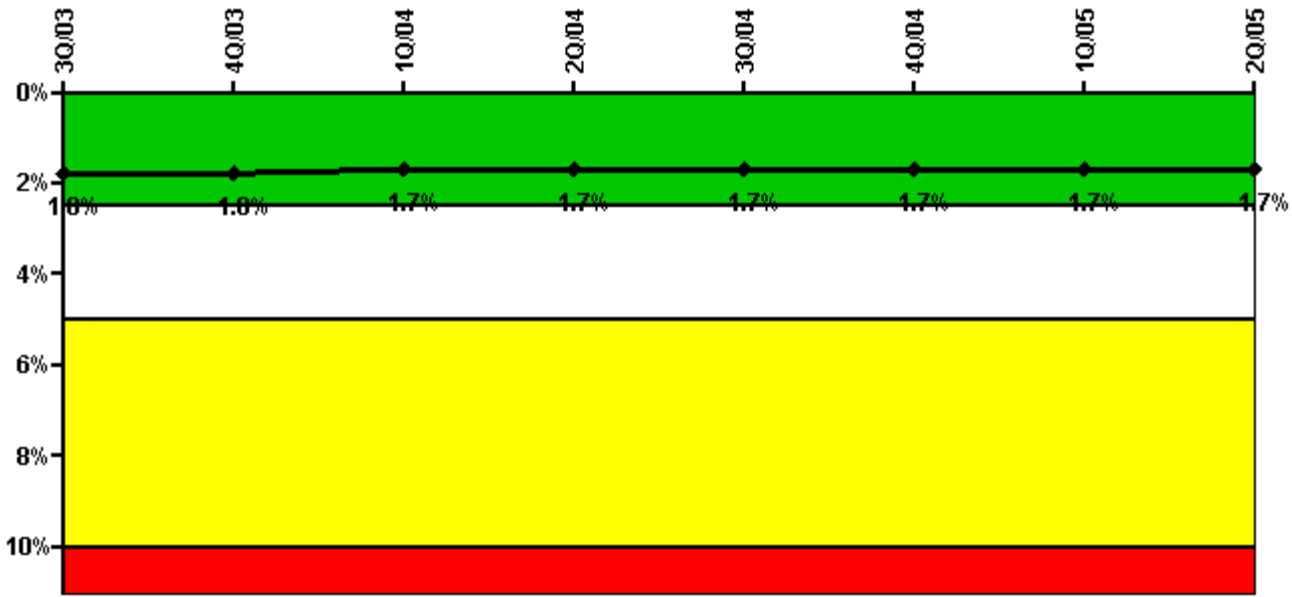
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Unplanned power changes	0	1.0	1.0	0	0	0	1.0	0
Critical hours	2208.0	2209.0	2157.0	1501.0	2208.0	2209.0	2136.3	2183.0
Indicator value	0	0.8	1.6	1.7	1.7	0.9	0.9	0.8

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



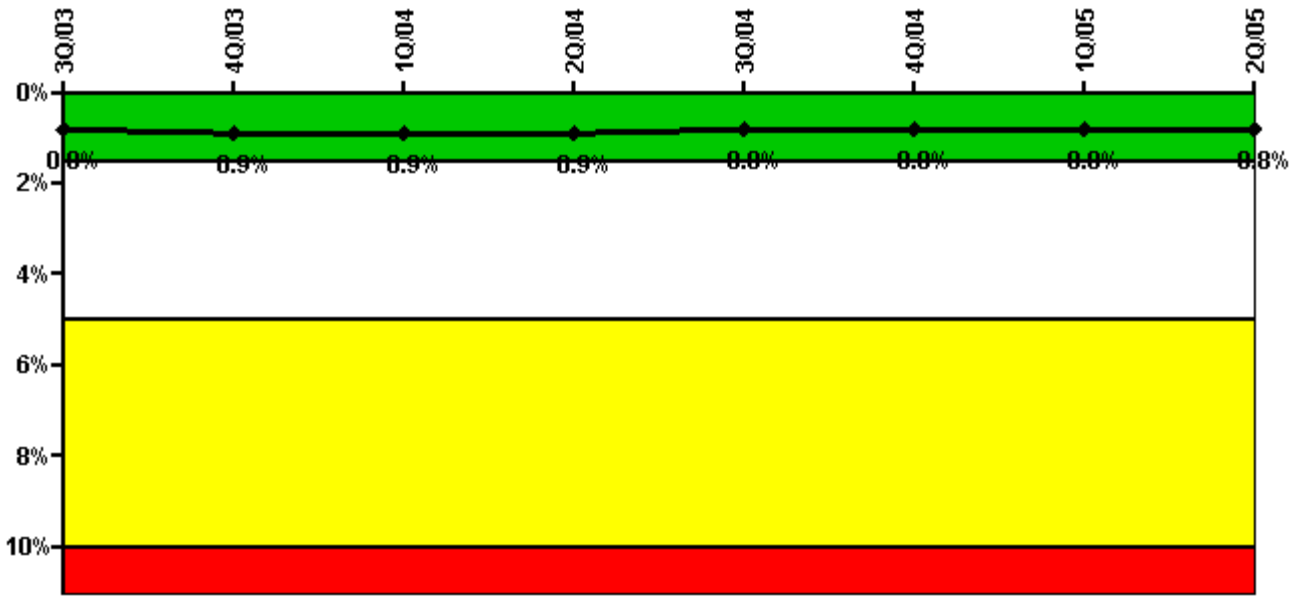
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

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	0	4.25	0	0.67	15.64	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	12.87
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	0	40.05	31.90	0	1.52	18.90	0	0
Unplanned unavailable hours	0	0	0	0	0	0.27	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	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	1.8%	1.8%	1.7%	1.7%	1.7%	1.7%	1.7%	1.7%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



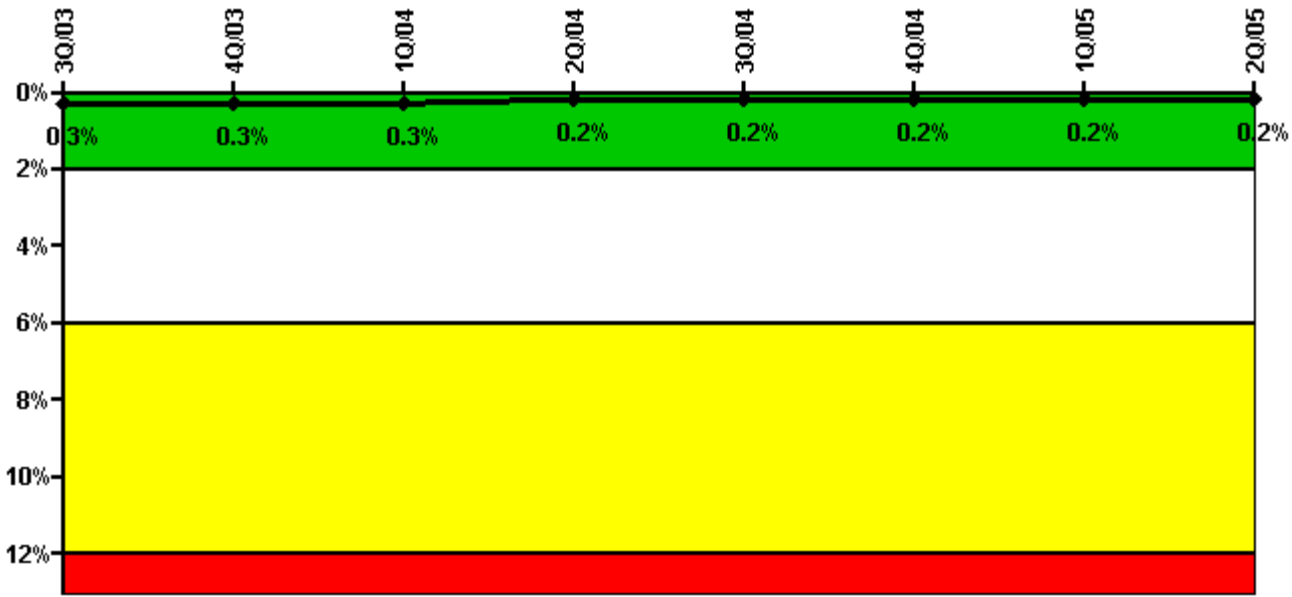
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

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	2.25	26.06	20.43	1.35	4.46	0.97	17.79	1.42
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	2208.00	2209.00	2157.00	1500.90	2208.00	2209.00	2136.25	2183.00
Train 2								
Planned unavailable hours	2.25	28.86	21.34	1.35	1.13	22.49	32.53	1.42
Unplanned unavailable hours	0	0	0	0	0	0.27	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	2208.00	2209.00	2157.00	1500.90	2208.00	2209.00	2136.25	2183.00
Indicator value	0.8%	0.9%	0.9%	0.9%	0.8%	0.8%	0.8%	0.8%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



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

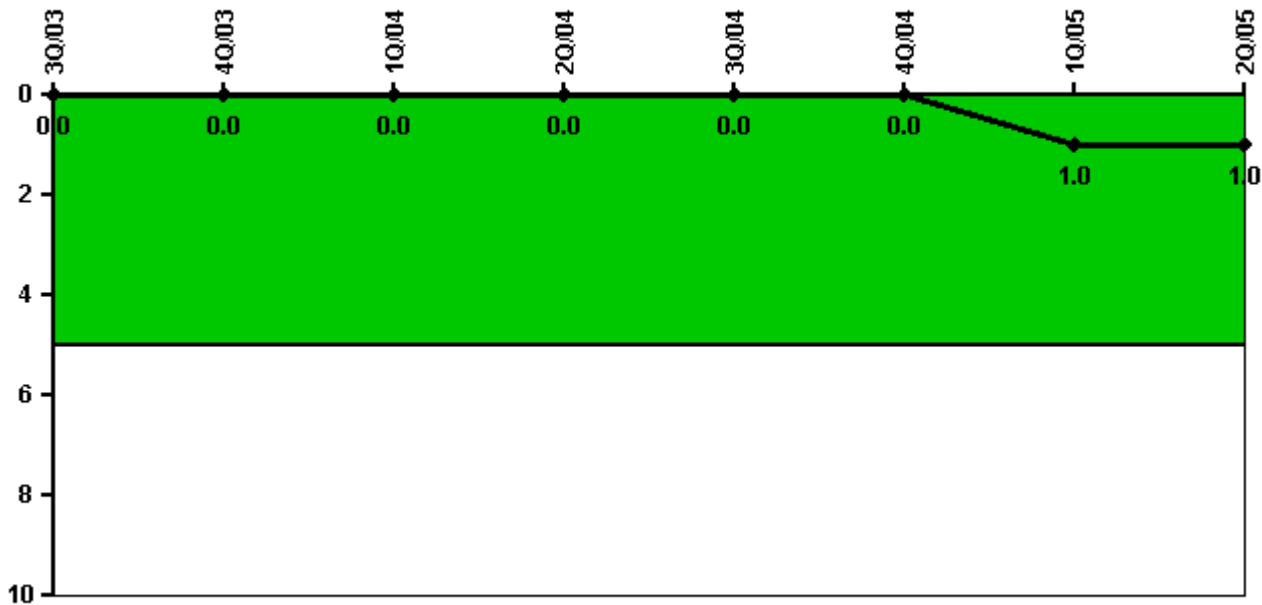
Notes

Safety System Unavailability, Heat Removal System (AFW)	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	0.73	0.32	0.57	1.63	0.68	0.27	0	0.42
Unplanned unavailable hours	0	6.00	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	2208.00	2209.00	2157.00	1500.90	2208.00	2209.00	2136.25	2183.00
Train 2								
Planned unavailable hours	0.35	0.40	0.52	0.38	1.65	0.48	0	0.37
Unplanned unavailable hours	0	6.00	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	2208.00	2209.00	2157.00	1500.90	2208.00	2209.00	2136.25	2183.00
Train 3								
Planned unavailable hours	0	0	0	6.65	0	2.53	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	2208.00	2209.00	2157.00	1500.90	2208.00	2209.00	2136.25	2183.00
Indicator value	0.3%	0.3%	0.3%	0.2%	0.2%	0.2%	0.2%	0.2%

Licensee Comments: none

Licensee Comments: none

Safety System Functional Failures (PWR)



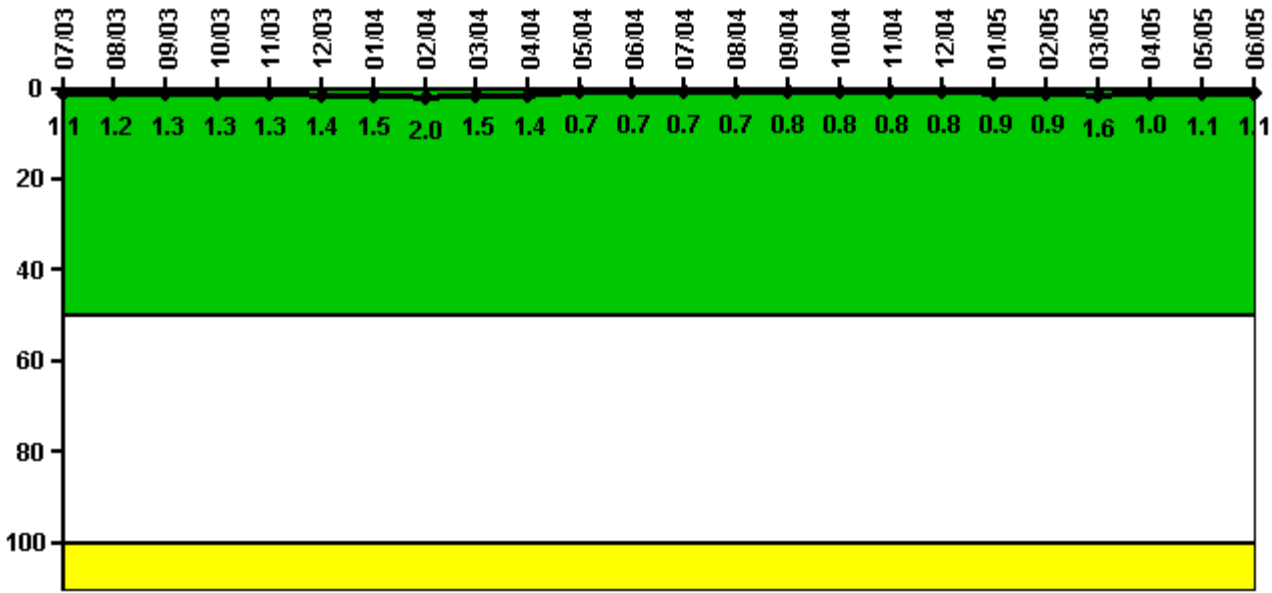
Thresholds: White > 5.0

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	0	0	1	0
Indicator value	0	0	0	0	0	0	1	1

Licensee Comments: none

Reactor Coolant System Activity



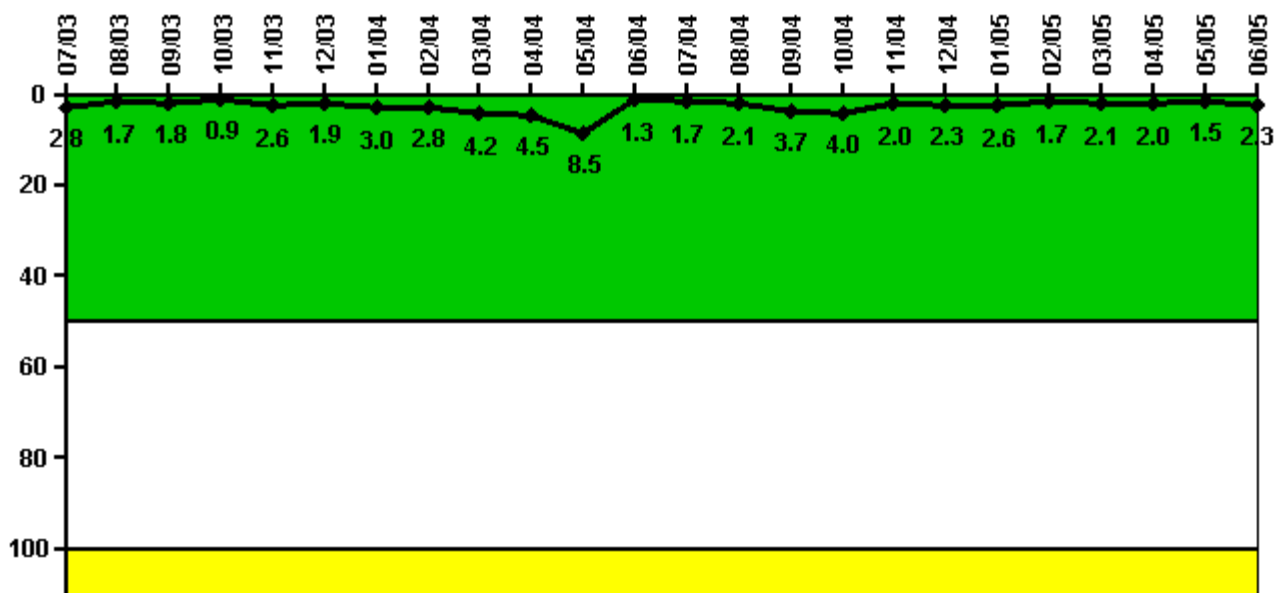
Thresholds: White > 50.0 Yellow > 100.0

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	0.011200	0.012200	0.012800	0.012800	0.013300	0.013500	0.014500	0.019800	0.014500	0.014100	0.006520	0.006820
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	1.1	1.2	1.3	1.3	1.3	1.4	1.5	2.0	1.5	1.4	0.7	0.7
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	0.006760	0.007200	0.007750	0.008050	0.007660	0.008200	0.008740	0.009130	0.016400	0.010100	0.010800	0.010600
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	0.7	0.7	0.8	0.8	0.8	0.8	0.9	0.9	1.6	1.0	1.1	1.1

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

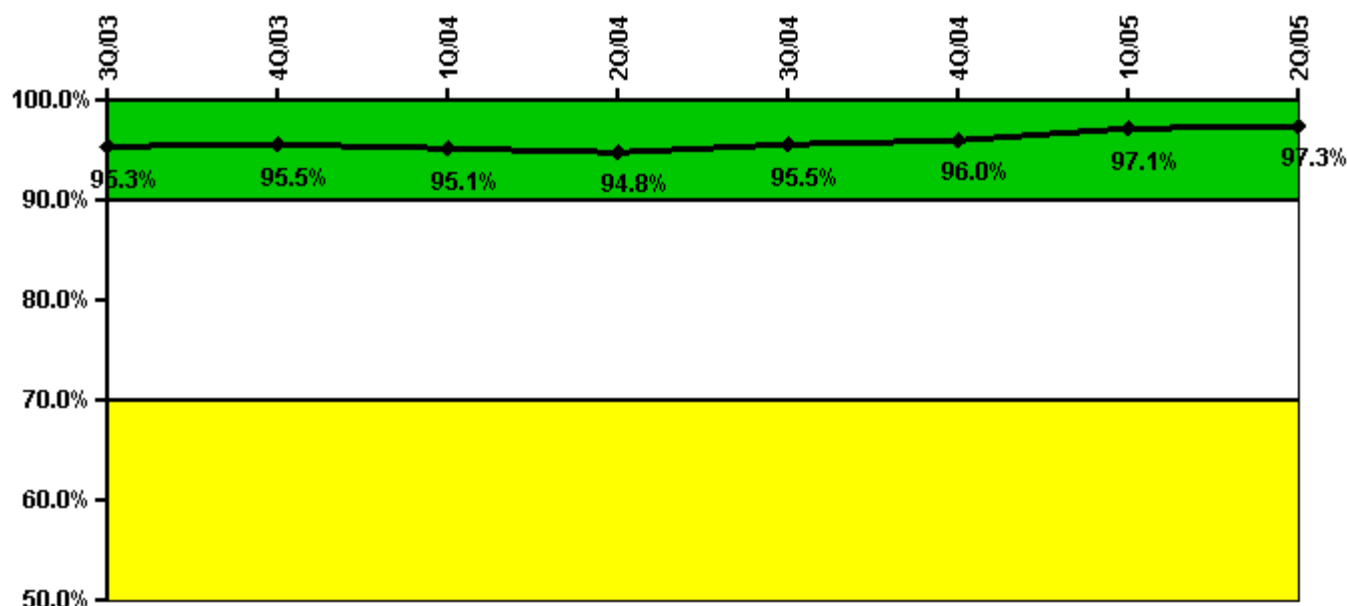
Notes

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	0.276	0.173	0.175	0.086	0.261	0.187	0.300	0.280	0.420	0.450	0.850	0.130
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	2.8	1.7	1.8	0.9	2.6	1.9	3.0	2.8	4.2	4.5	8.5	1.3

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	0.170	0.210	0.370	0.398	0.202	0.228	0.256	0.172	0.213	0.200	0.150	0.230
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	1.7	2.1	3.7	4.0	2.0	2.3	2.6	1.7	2.1	2.0	1.5	2.3

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

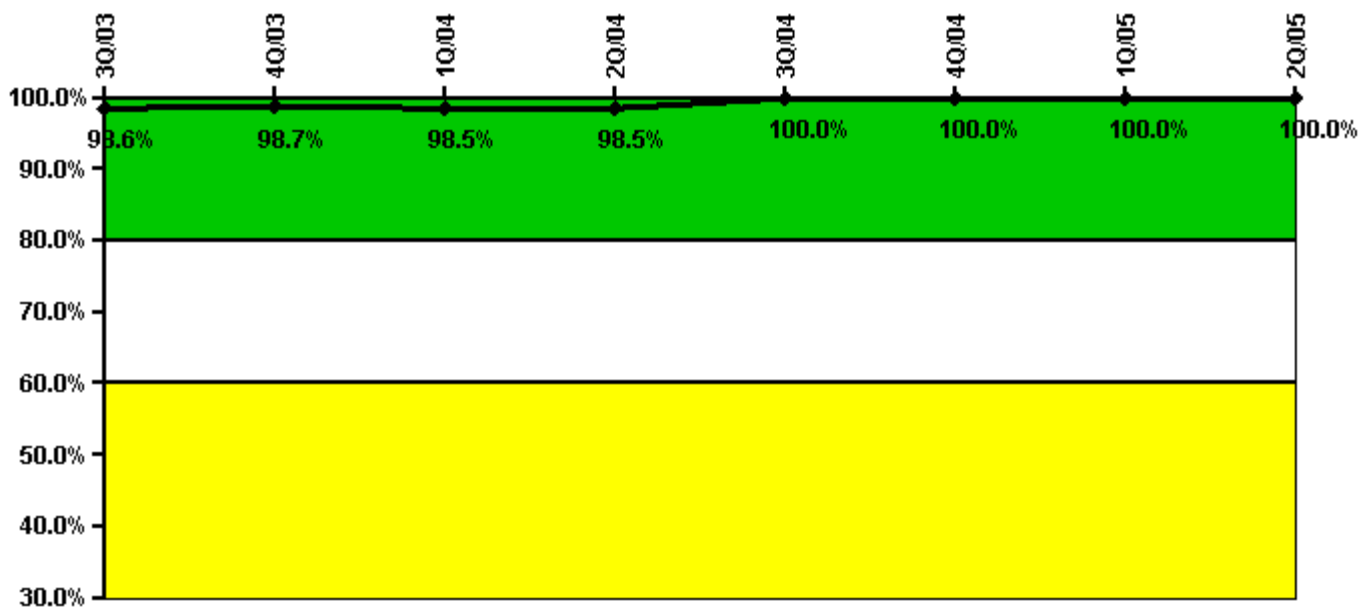
Drill/Exercise Performance	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Successful opportunities	29.0	56.0	18.0	14.0	26.0	72.0	2.0	0
Total opportunities	29.0	57.0	19.0	15.0	27.0	74.0	2.0	0
Indicator value	95.3%	95.5%	95.1%	94.8%	95.5%	96.0%	97.1%	97.3%

Licensee Comments:

1Q/05: The 1Q2005 PI Data was revised to include an additional successful opportunity in the January 2005 monthly data. The associated performance indicator remains green.

1Q/04: The 1Q2004 PI Data was revised to include a missed opportunity in the January 2004 monthly data. The associated performance indicator remains green.

ERO Drill Participation



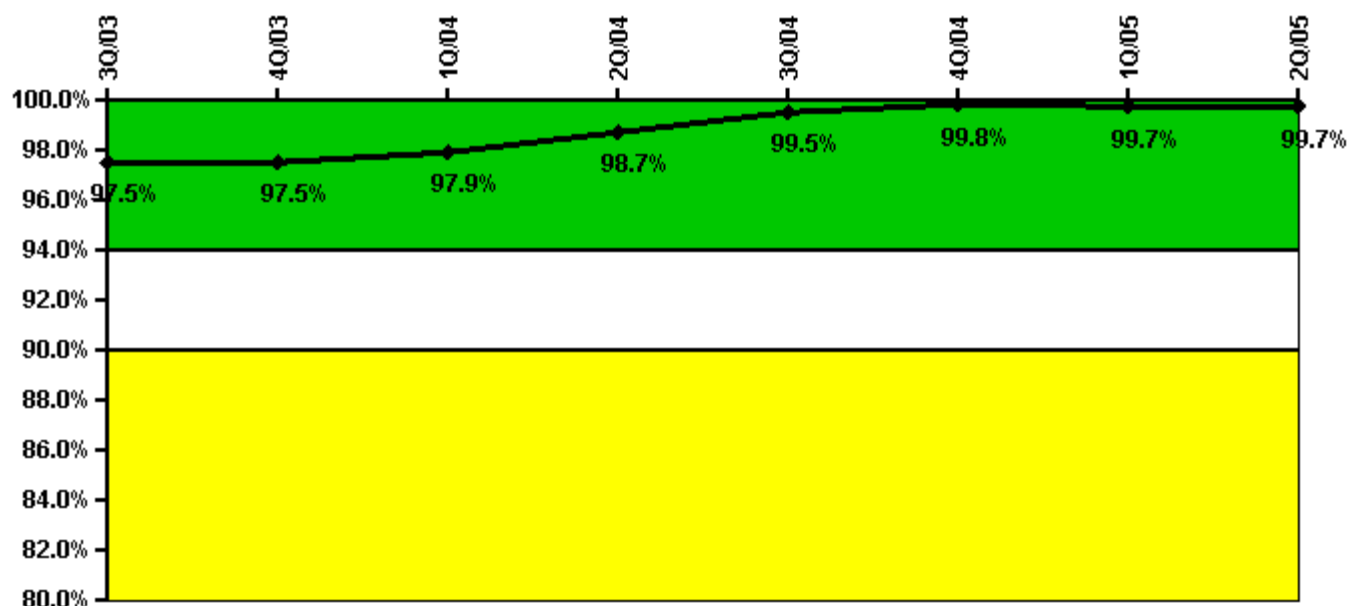
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Participating Key personnel	68.0	77.0	65.0	65.0	68.0	68.0	65.0	62.0
Total Key personnel	69.0	78.0	66.0	66.0	68.0	68.0	65.0	62.0
Indicator value	98.6%	98.7%	98.5%	98.5%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



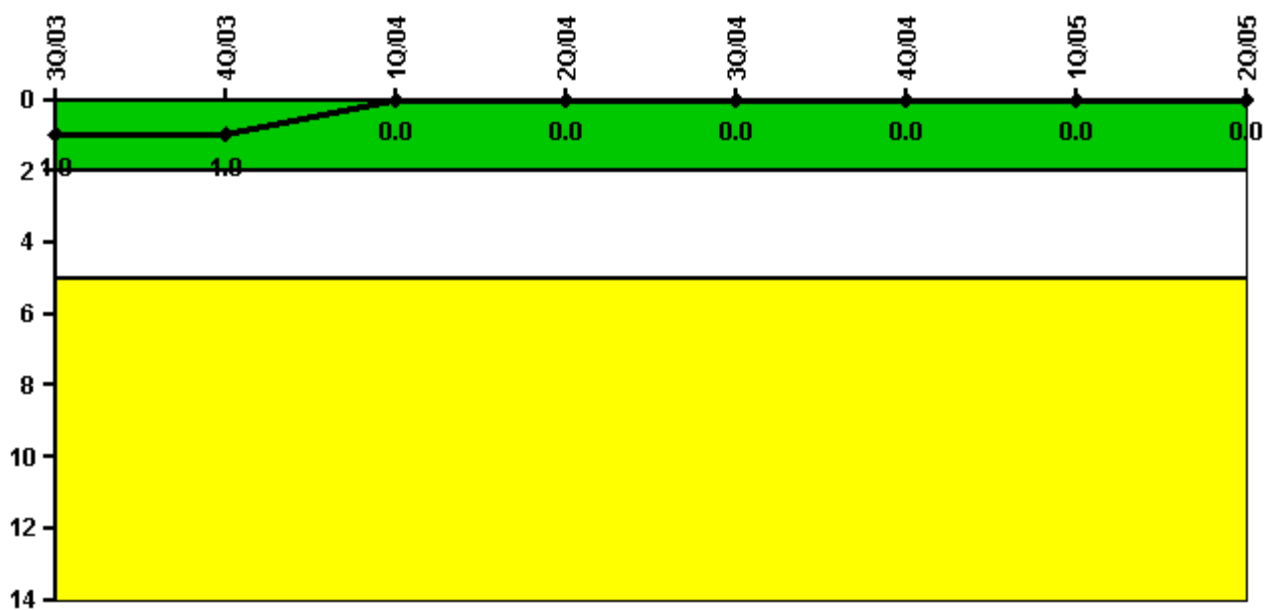
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Successful siren-tests	963	1007	935	932	934	948	944	944
Total sirens-tests	996	1019	936	936	936	949	949	949
Indicator value	97.5%	97.5%	97.9%	98.7%	99.5%	99.8%	99.7%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



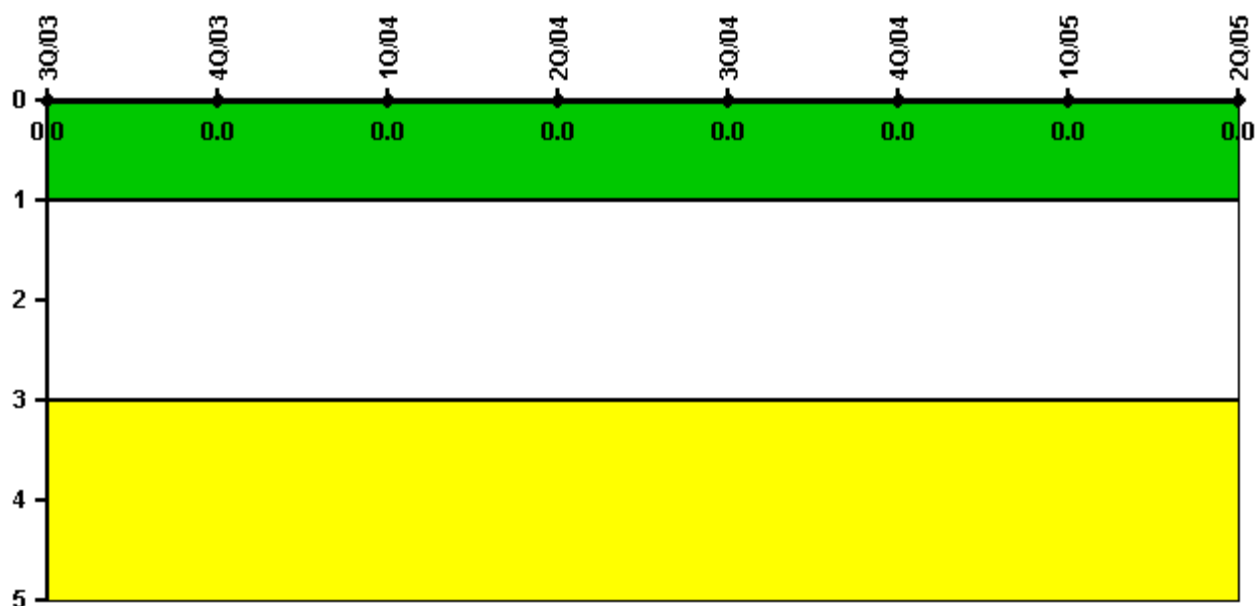
Thresholds: White > 2.0 Yellow > 5.0

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	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	1	1	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	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.

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

Last Modified: August 3, 2005