

Ocone 1

2Q/2004 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/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2162.0	2210.0	2160.0	2183.0	1946.1	57.1	2073.6	2183.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



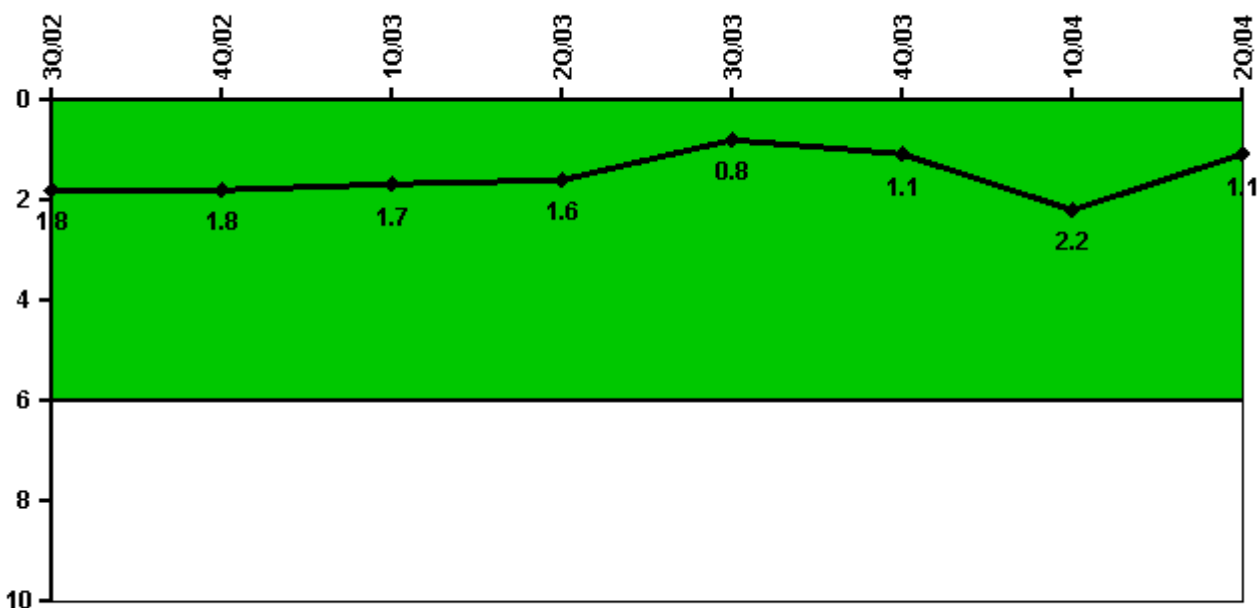
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
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



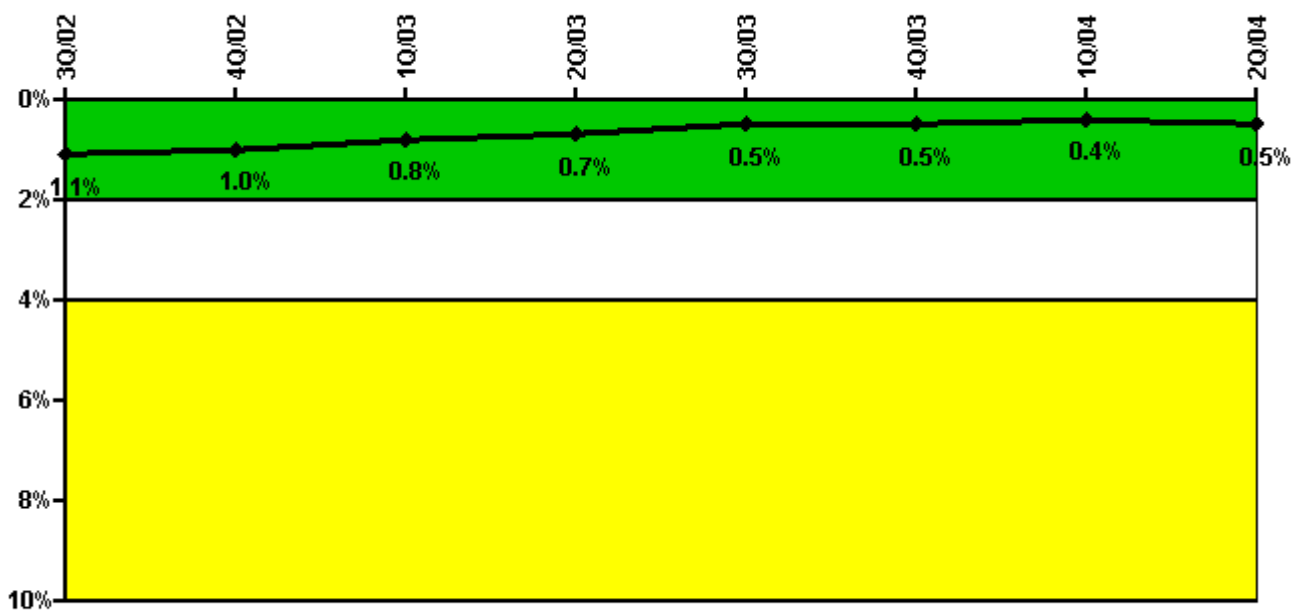
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Unplanned power changes	1.0	0	0	1.0	0	0	1.0	0
Critical hours	2162.0	2209.0	2160.0	2183.0	1946.1	57.1	2073.6	2183.0
Indicator value	1.8	1.8	1.7	1.6	0.8	1.1	2.2	1.1

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



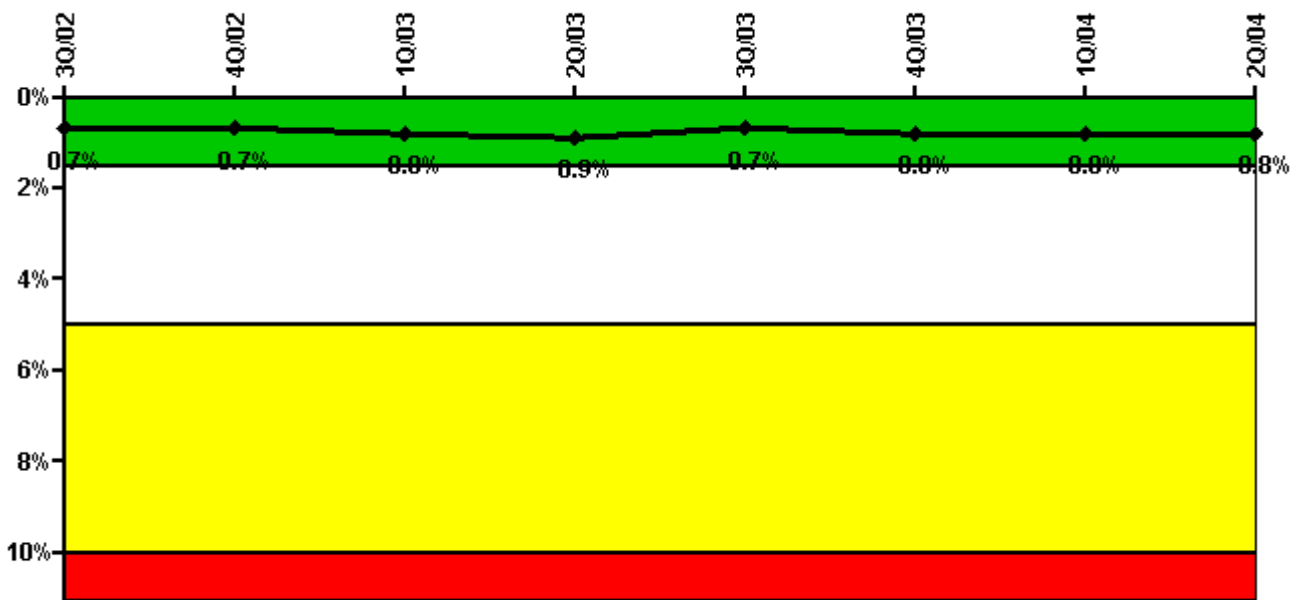
Thresholds: White > 2.0% Yellow > 4.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours	0	0	10.19	0.84	0	0	0	0.62
Unplanned unavailable hours	0	0	0	0	2.08	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	2160.00	2183.00	2208.00	145.33	2172.00	2184.00
Indicator value	1.1%	1.0%	0.8%	0.7%	0.5%	0.5%	0.4%	0.5%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



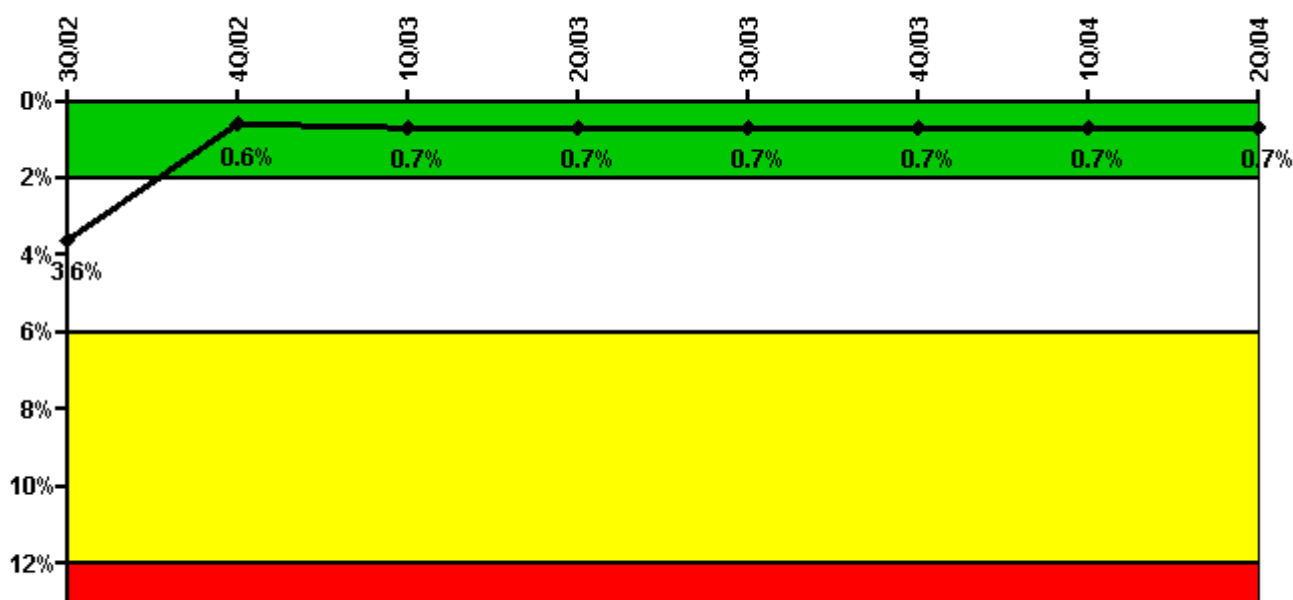
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours	1.19	0.43	36.32	33.16	9.79	2.03	13.83	20.73
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	2160.00	2183.00	1952.60	111.00	2155.00	2183.00
Train 2								
Planned unavailable hours	2.52	21.37	40.40	18.27	10.79	4.73	15.16	16.76
Unplanned unavailable hours	0	0	0	14.58	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	2160.00	2183.00	1952.60	111.00	2155.00	2183.00
Indicator value	0.7%	0.7%	0.8%	0.9%	0.7%	0.8%	0.8%	0.8%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



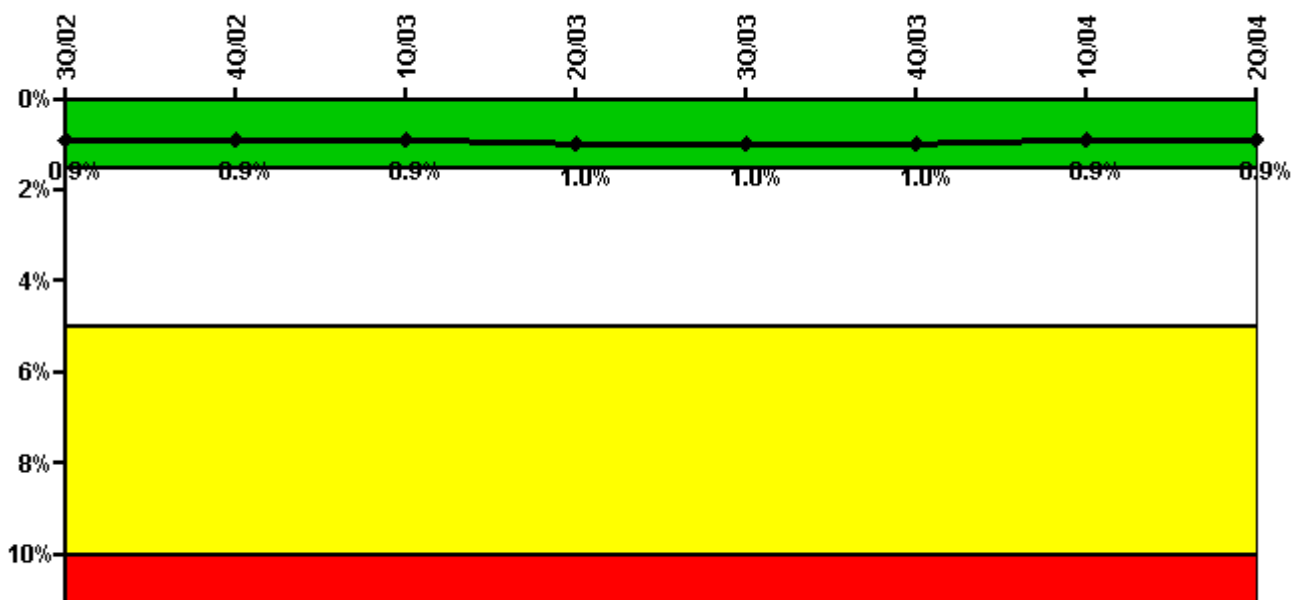
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours	3.08	9.00	40.50	1.70	6.40	1.00	10.23	9.83
Unplanned unavailable hours	0	0	26.10	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	2160.00	2183.00	1958.20	125.70	2163.00	2183.00
Train 2								
Planned unavailable hours	5.10	8.20	24.10	1.70	10.80	0	5.04	10.13
Unplanned unavailable hours	114.10	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	2018.50	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	1958.20	125.70	2163.00	2183.00
Train 3								
Planned unavailable hours	7.63	12.20	3.40	6.17	27.50	1.00	21.30	9.20
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	2160.00	2183.00	1958.20	125.70	2163.00	2183.00
Indicator value	3.6%	0.6%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



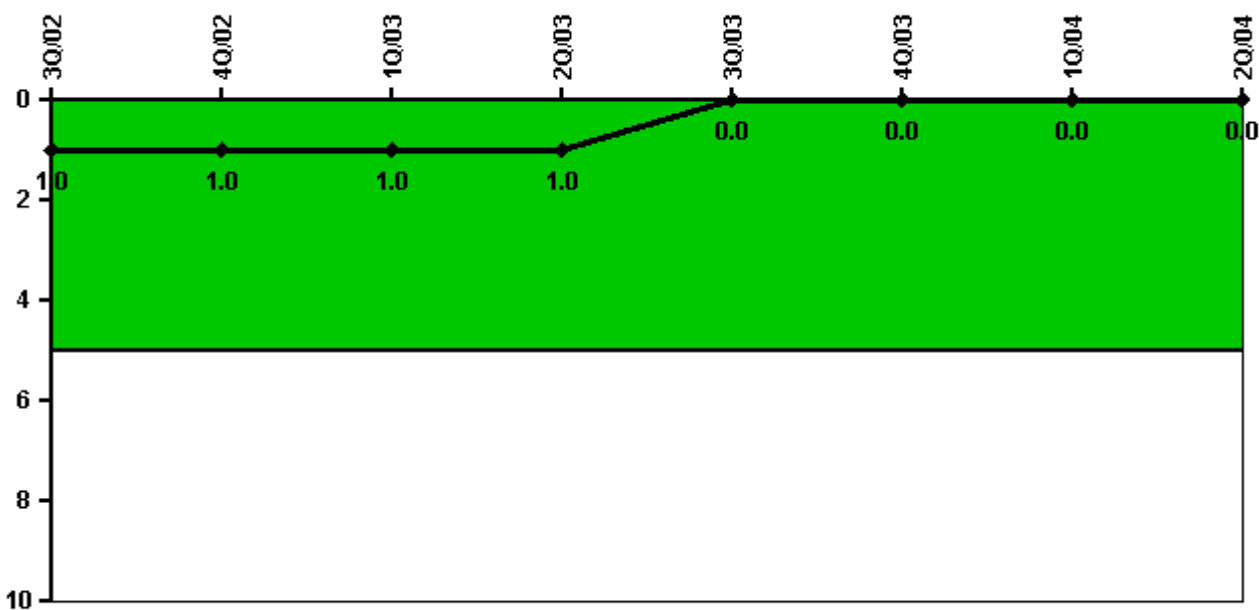
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours	13.60	39.30	42.00	34.78	22.05	3.90	2.39	10.04
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	2160.00	2183.00	2184.58	939.25	2184.00	2183.00
Train 2								
Planned unavailable hours	27.10	15.30	33.00	31.33	10.62	0	1.88	10.84
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	2160.00	2183.00	2184.58	939.25	2184.00	2183.00
Indicator value	0.9%	0.9%	0.9%	1.0%	1.0%	1.0%	0.9%	0.9%

Licensee Comments: none

Safety System Functional Failures (PWR)



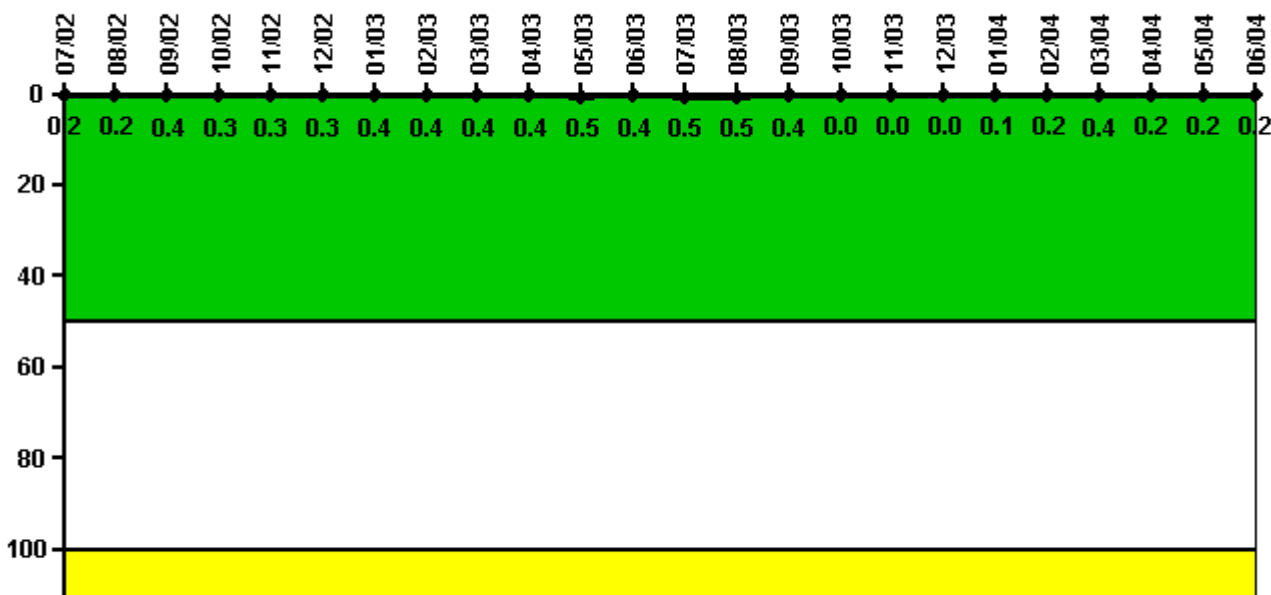
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Safety System Functional Failures	1	0	0	0	0	0	0	0
Indicator value	1	1	1	1	0	0	0	0

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

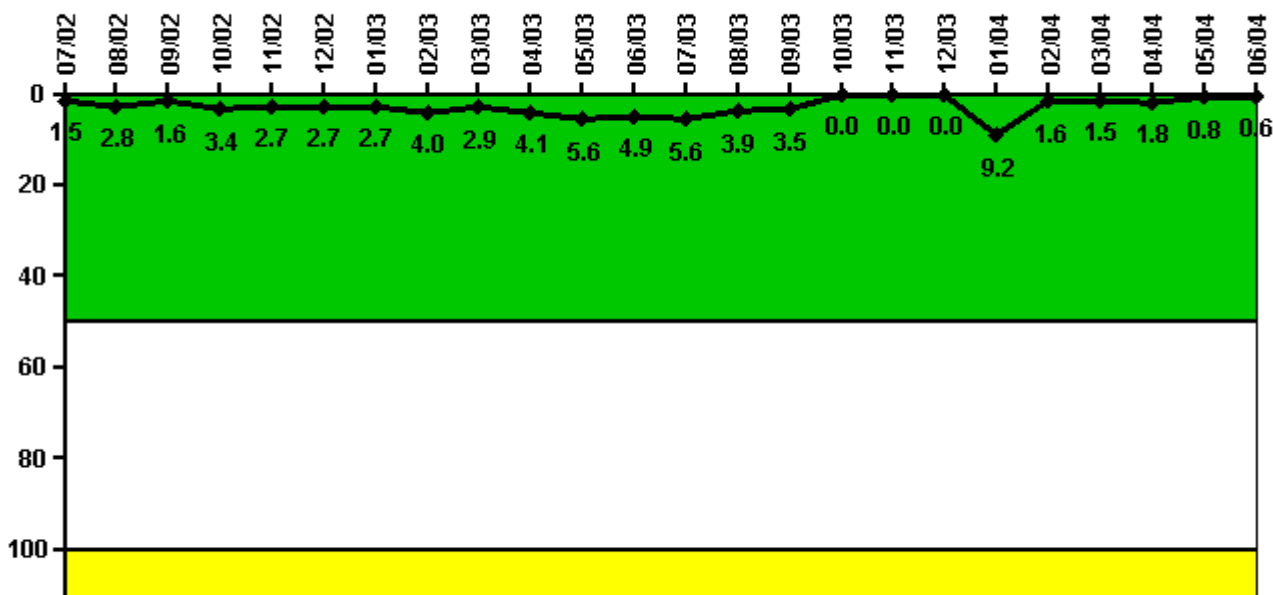
Notes

Reactor Coolant System Activity	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03
Maximum activity	0.002100	0.002400	0.004400	0.003100	0.003000	0.003400	0.003700	0.004100	0.004200	0.004000	0.004500	0.004400
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	0.2	0.2	0.4	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.4

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	0.004700	0.004500	0.004100	0	0	0.000270	0.001400	0.001600	0.004200	0.002200	0.002000	0.002100
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	0.5	0.5	0.4	0	0	0	0.1	0.2	0.4	0.2	0.2	0.2

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

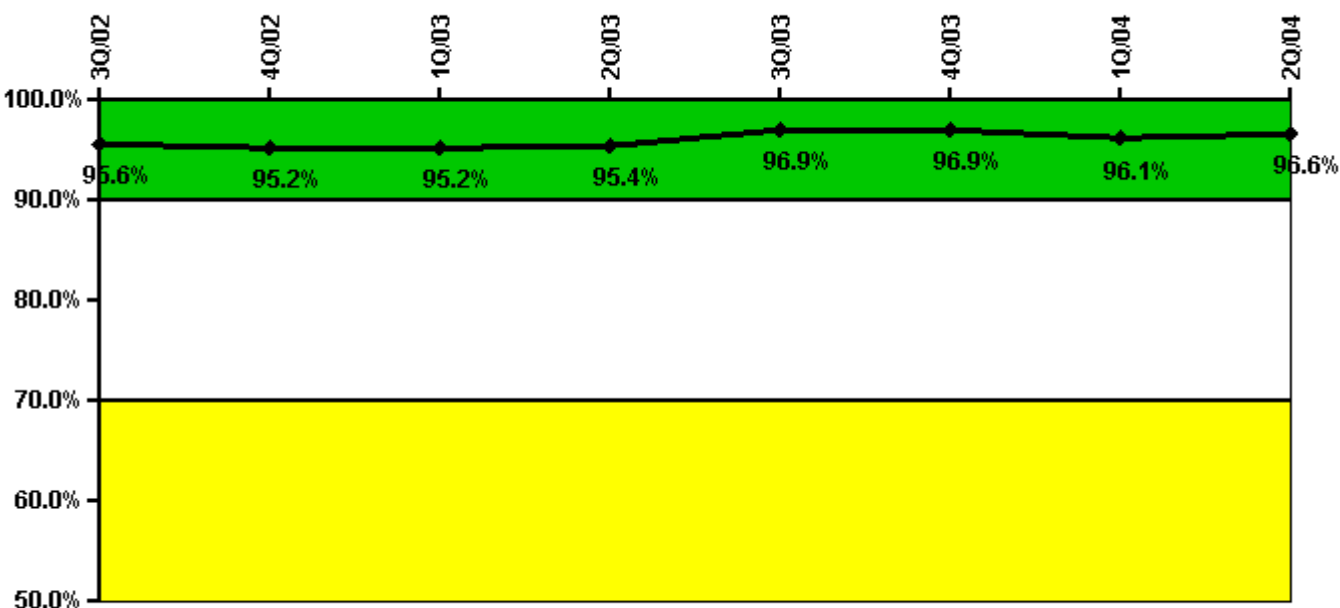
Notes

Reactor Coolant System Leakage	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03
Maximum leakage	0.150	0.280	0.160	0.340	0.270	0.270	0.270	0.400	0.290	0.410	0.560	0.490
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	1.5	2.8	1.6	3.4	2.7	2.7	2.7	4.0	2.9	4.1	5.6	4.9

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	0.560	0.391	0.348	0	0	0.002	0.916	0.161	0.150	0.183	0.082	0.058
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	5.6	3.9	3.5	0	0	0	9.2	1.6	1.5	1.8	0.8	0.6

Licensee Comments: none

Drill/Exercise Performance



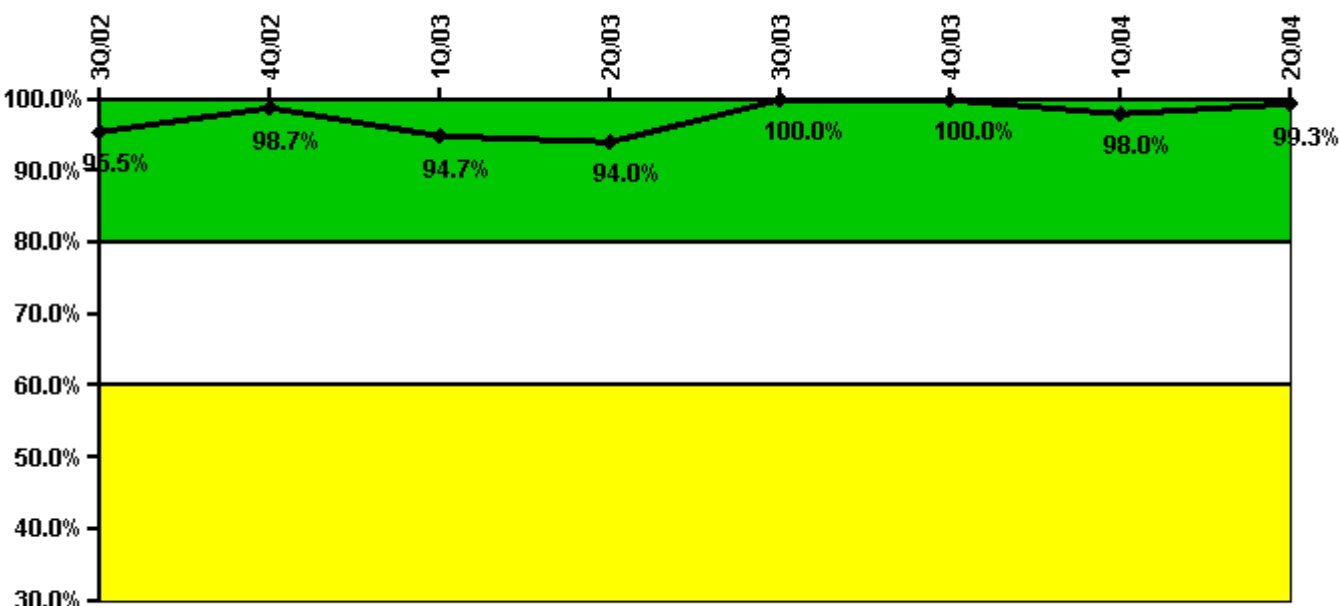
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Successful opportunities	55.0	16.0	22.0	13.0	57.0	9.0	42.0	14.0
Total opportunities	56.0	17.0	22.0	14.0	58.0	10.0	45.0	14.0
Indicator value	95.6%	95.2%	95.2%	95.4%	96.9%	96.9%	96.1%	96.6%

Licensee Comments: none

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

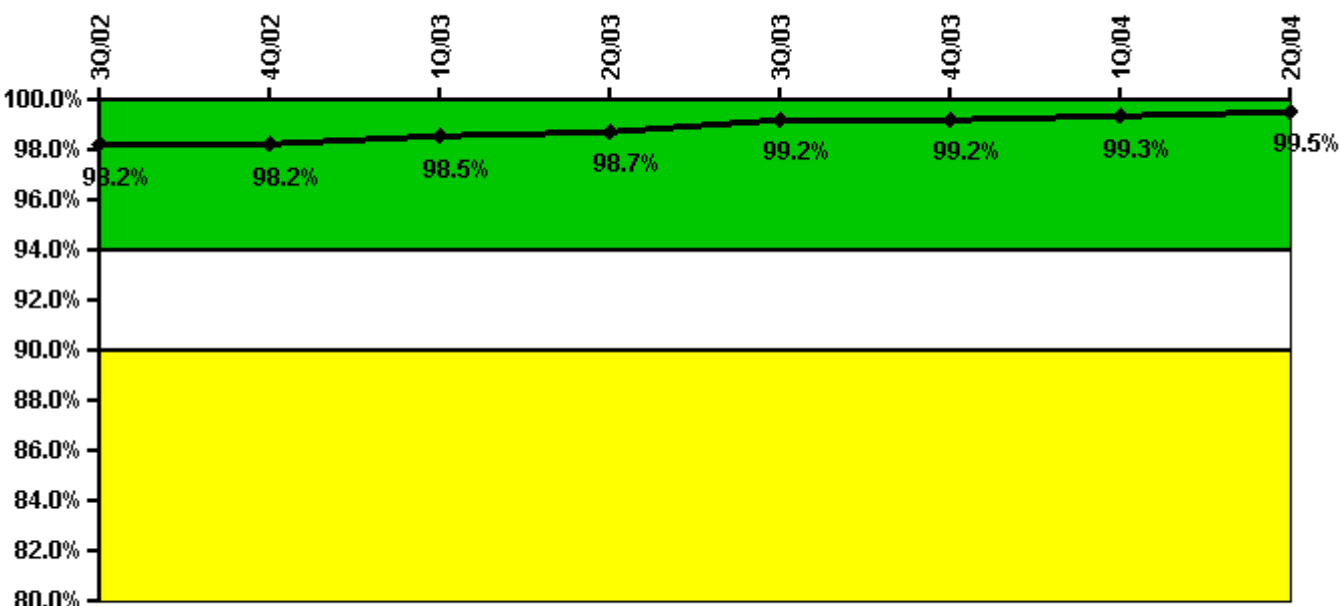
Notes

ERO Drill Participation	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Participating Key personnel	149.0	151.0	142.0	141.0	151.0	142.0	146.0	149.0
Total Key personnel	156.0	153.0	150.0	150.0	151.0	142.0	149.0	150.0
Indicator value	95.5%	98.7%	94.7%	94.0%	100.0%	100.0%	98.0%	99.3%

Licensee Comments:

1Q/04: On 7/7/04, it was discovered that an ERO member who had participated in 3/9/04 drill, had not received drill participation credit. This person filled a position that affected the NRC PI.

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Successful siren-tests	1092	1142	1291	1481	1358	1546	1554	1559
Total sirens-tests	1121	1157	1300	1495	1365	1560	1560	1561
Indicator value	98.2%	98.2%	98.5%	98.7%	99.2%	99.2%	99.3%	99.5%

Licensee Comments: none

Occupational Exposure Control Effectiveness



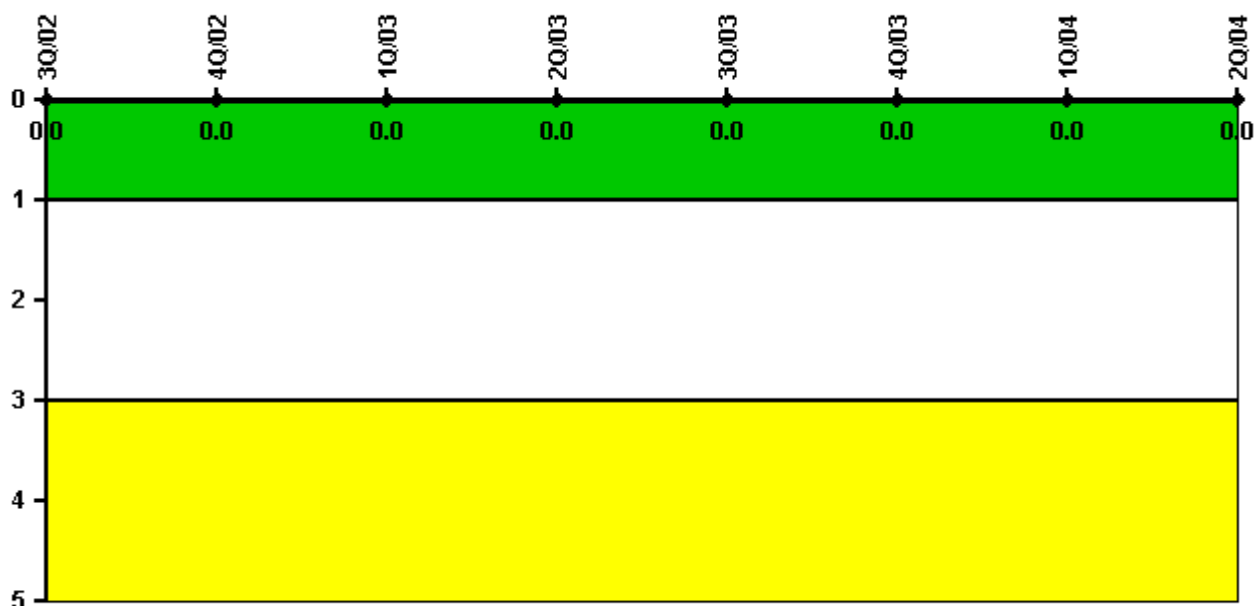
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
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	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
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: September 8, 2004