

Diablo Canyon 1

3Q/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	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2209.0	1947.5	677.1	2167.8	2209.0	2160.0	2183.0	2208.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



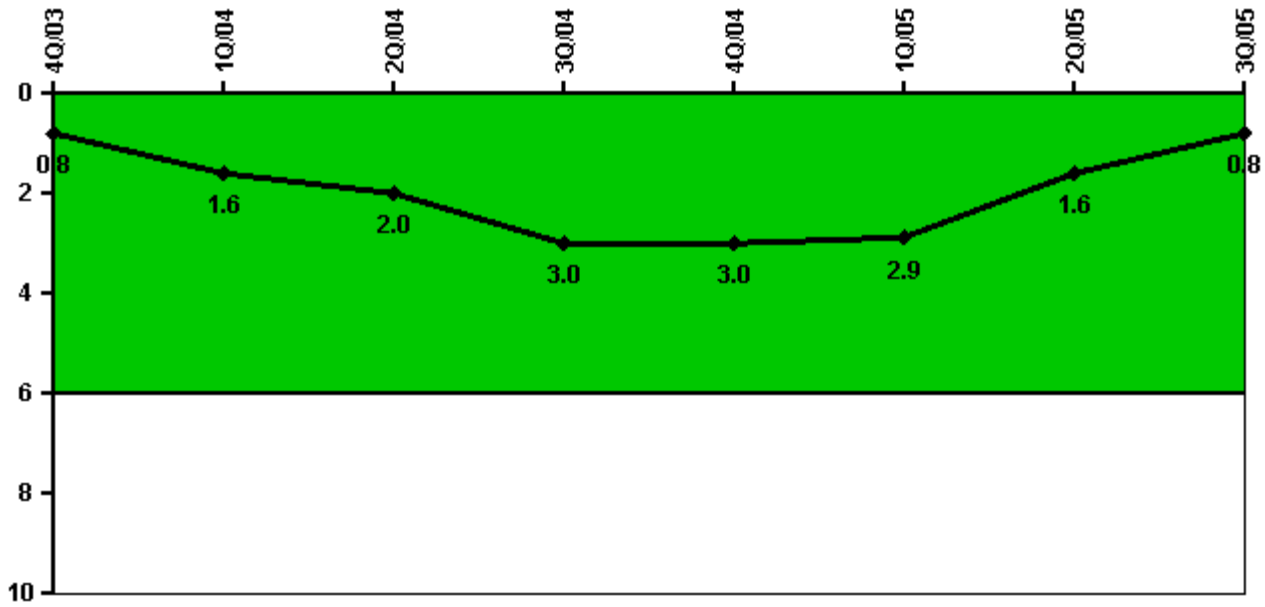
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/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



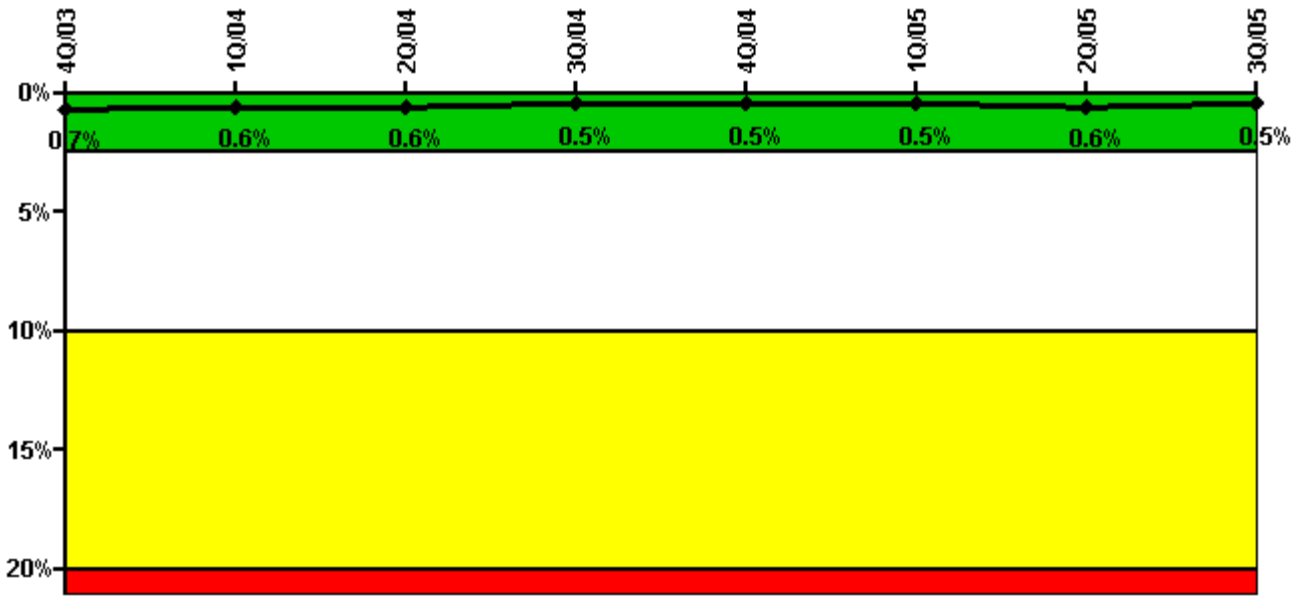
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Unplanned power changes	0	1.0	1.0	1.0	0	1.0	0	0
Critical hours	2209.0	1947.5	677.1	2167.8	2209.0	2160.0	2183.0	2208.0
Indicator value	0.8	1.6	2.0	3.0	3.0	2.9	1.6	0.8

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



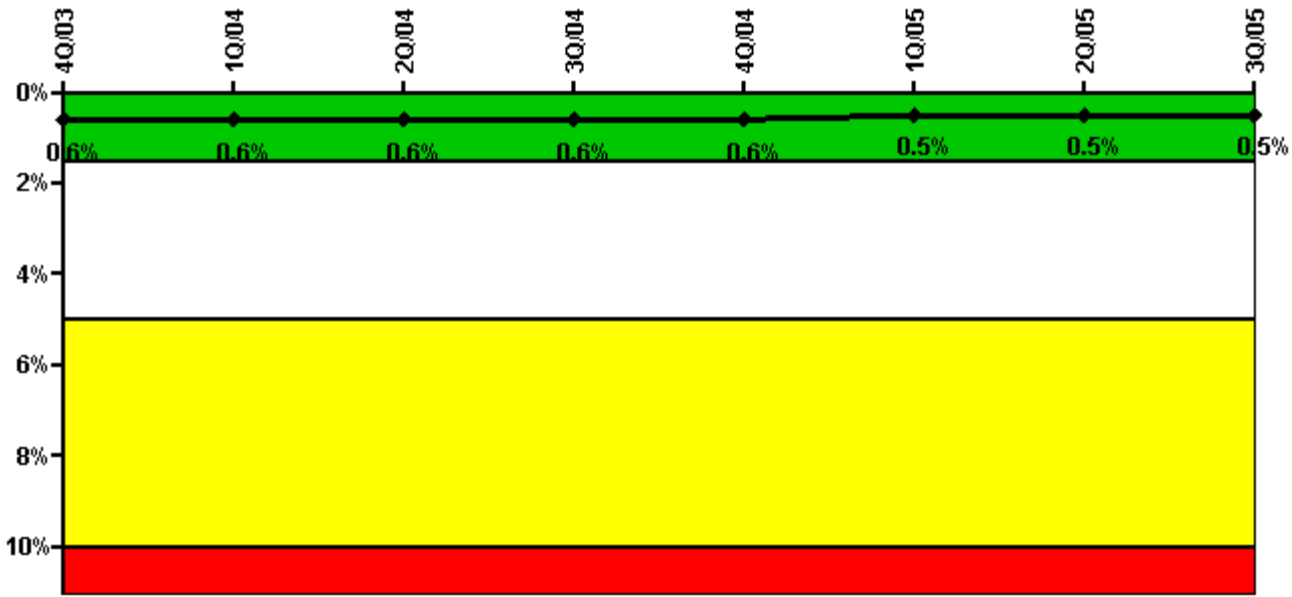
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours	0	0	1.47	1.30	0	0	0	2.10
Unplanned unavailable hours	0	0	0	2.20	0	0	31.57	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	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	6.48	13.22	3.80	0	3.31	3.15	16.47	3.24
Unplanned unavailable hours	0.25	0	0	0	0	0	0	2.65
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 3								
Planned unavailable hours	5.00	1.52	8.74	3.15	2.33	1.28	14.58	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	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	0.7%	0.6%	0.6%	0.5%	0.5%	0.5%	0.6%	0.5%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



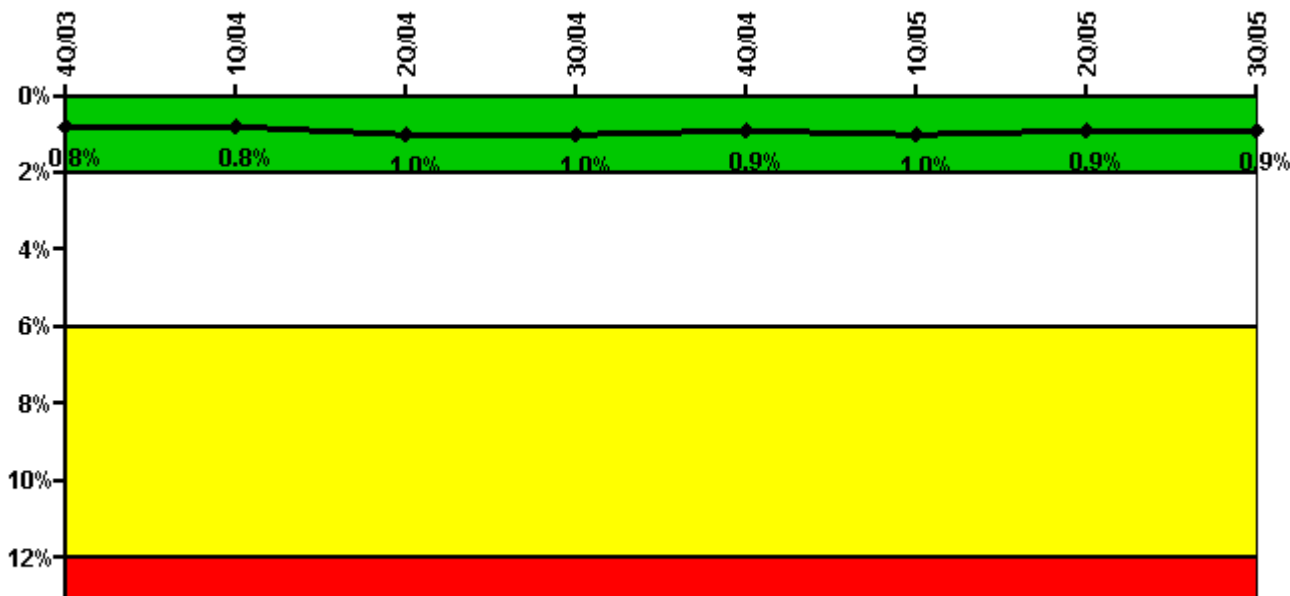
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours	5.00	13.52	1.32	3.15	14.65	1.28	15.50	2.65
Unplanned unavailable hours	0	0	0	0	0.33	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	2209.00	1947.50	677.10	2167.80	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	15.91	11.23	1.88	18.03	3.31	3.15	16.37	1.82
Unplanned unavailable hours	0	0	0	0	0.33	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	2209.00	1947.50	677.10	2167.80	2209.00	2160.00	2183.00	2208.00
Train 3								
Planned unavailable hours	17.59	2.53	1.81	14.00	2.92	9.24	10.85	20.59
Unplanned unavailable hours	12.58	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	2209.00	1947.50	677.10	2167.80	2209.00	2160.00	2183.00	2208.00
Train 4								
Planned unavailable hours	6.48	2.37	2.26	0.08	3.38	11.90	13.55	2.15
Unplanned unavailable hours	0	0	19.88	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	2209.00	1947.50	677.10	2167.80	2209.00	2160.00	2183.00	2208.00
Indicator value	0.6%	0.6%	0.6%	0.6%	0.6%	0.5%	0.5%	0.5%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



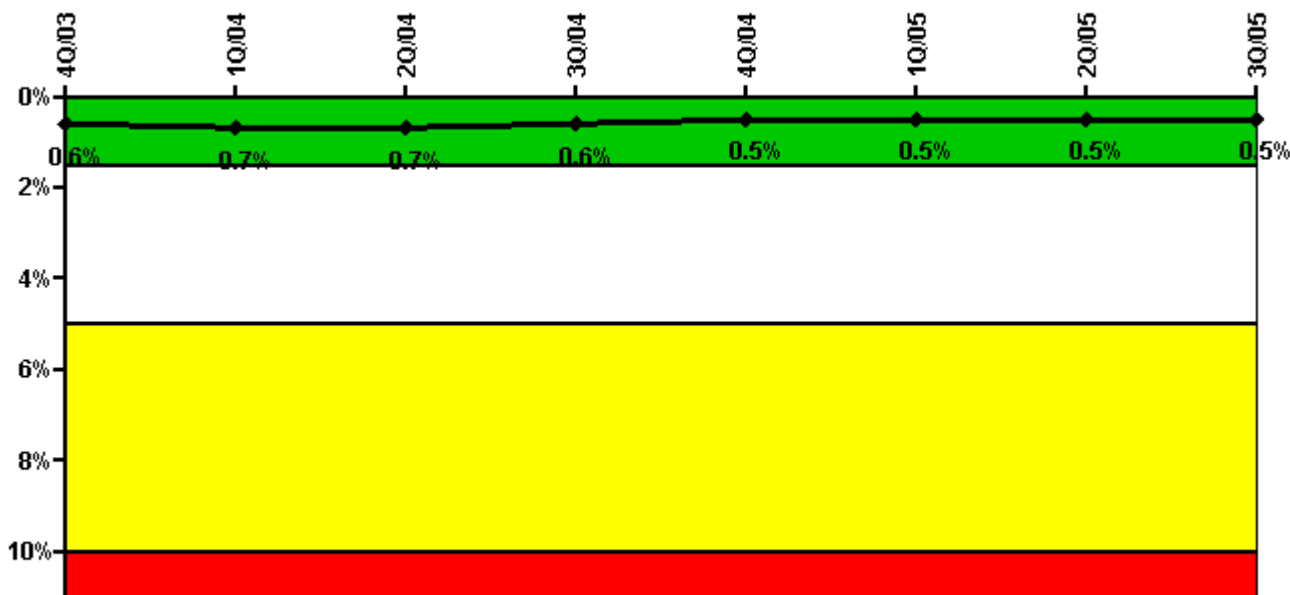
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours	2.05	11.30	1.15	18.97	2.55	14.30	1.72	0
Unplanned unavailable hours	0	0	93.27	21.25	0	0	0	36.77
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	1947.50	677.10	2167.80	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	7.33	3.65	2.66	14.48	4.81	28.10	4.92	15.40
Unplanned unavailable hours	0	0	0	0	0	0	0	21.43
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	1947.50	677.10	2167.80	2209.00	2160.00	2183.00	2208.00
Train 3								
Planned unavailable hours	18.68	2.00	15.77	4.32	12.96	14.67	3.13	3.60
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	2209.00	1947.50	677.10	2167.80	2209.00	2160.00	2183.00	2208.00
Indicator value	0.8%	0.8%	1.0%	1.0%	0.9%	1.0%	0.9%	0.9%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



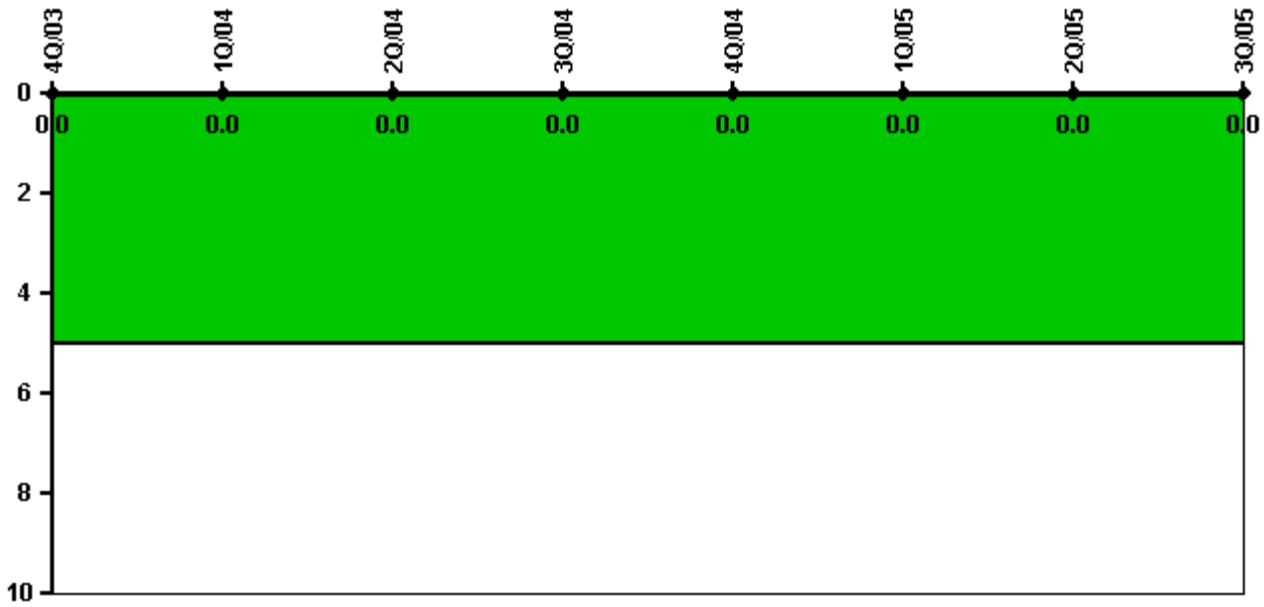
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours	7.15	24.18	2.00	24.17	4.53	3.92	16.36	2.53
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	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	6.30	24.39	1.32	17.00	3.18	3.43	12.21	3.17
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	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	0.6%	0.7%	0.7%	0.6%	0.5%	0.5%	0.5%	0.5%

Licensee Comments: none

Safety System Functional Failures (PWR)



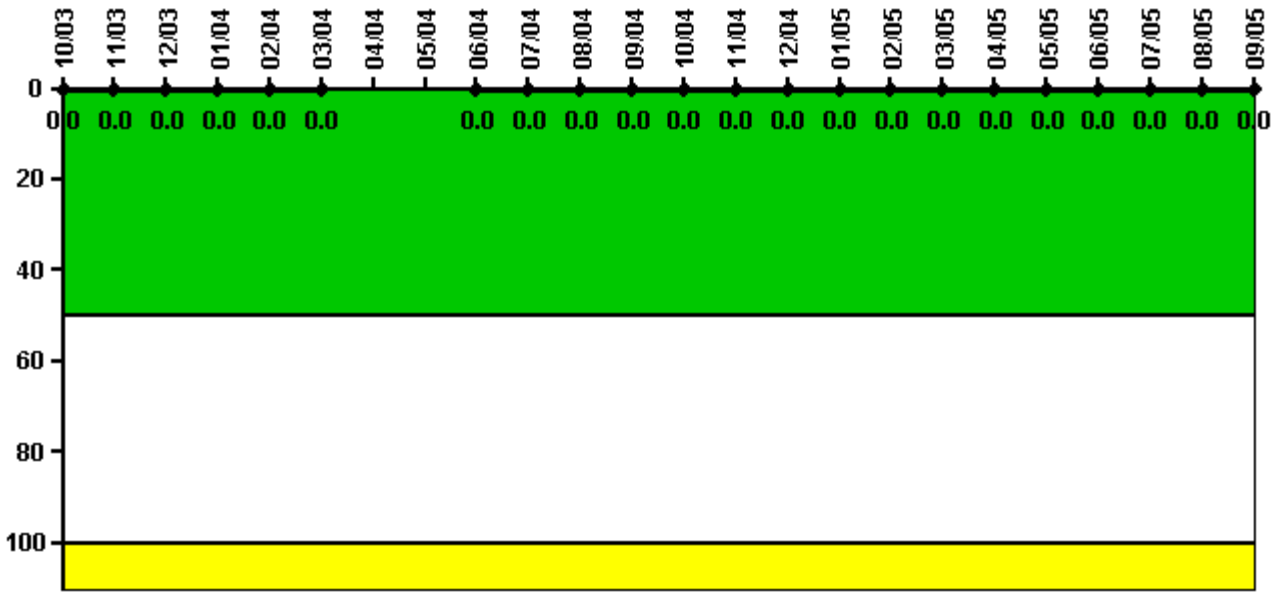
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

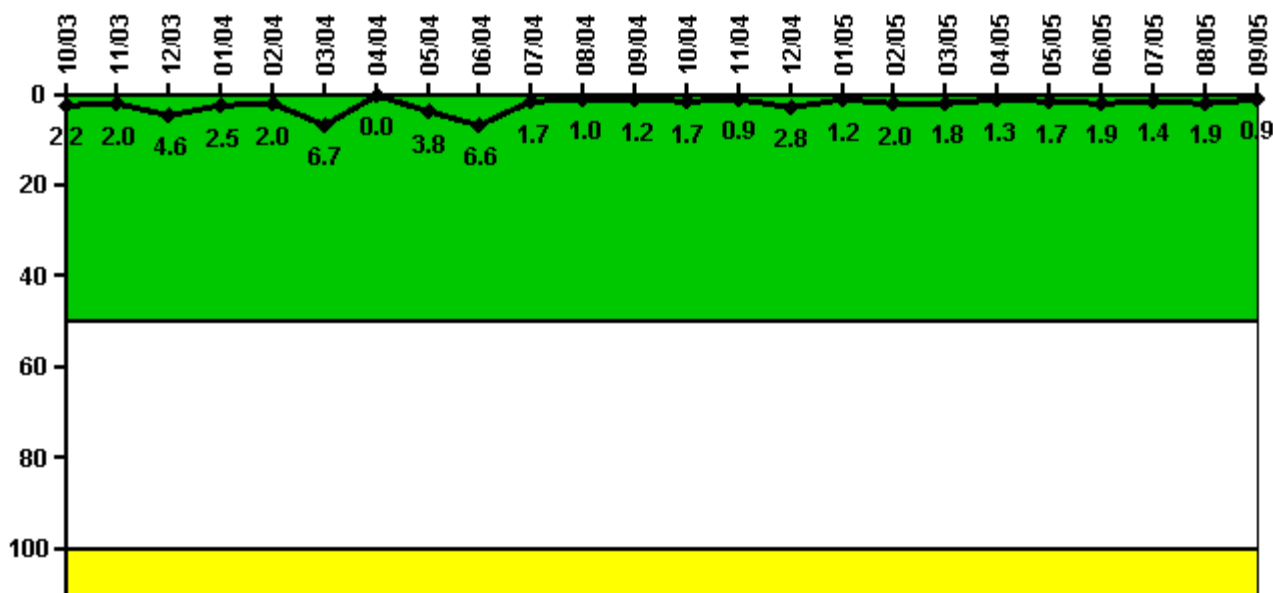
Notes

Reactor Coolant System Activity	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04
Maximum activity	0.000299	0.000290	0.000305	0.000316	0.000362	0.000274	N/A	N/A	0.000178	0.000184	0.000196	0.000208
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	N/A	N/A	0	0	0	0

Reactor Coolant System Activity	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05
Maximum activity	0.000227	0.000316	0.000286	0.000236	0.000249	0.000248	0.000238	0.000256	0.000258	0.000268	0.000271	0.000273
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

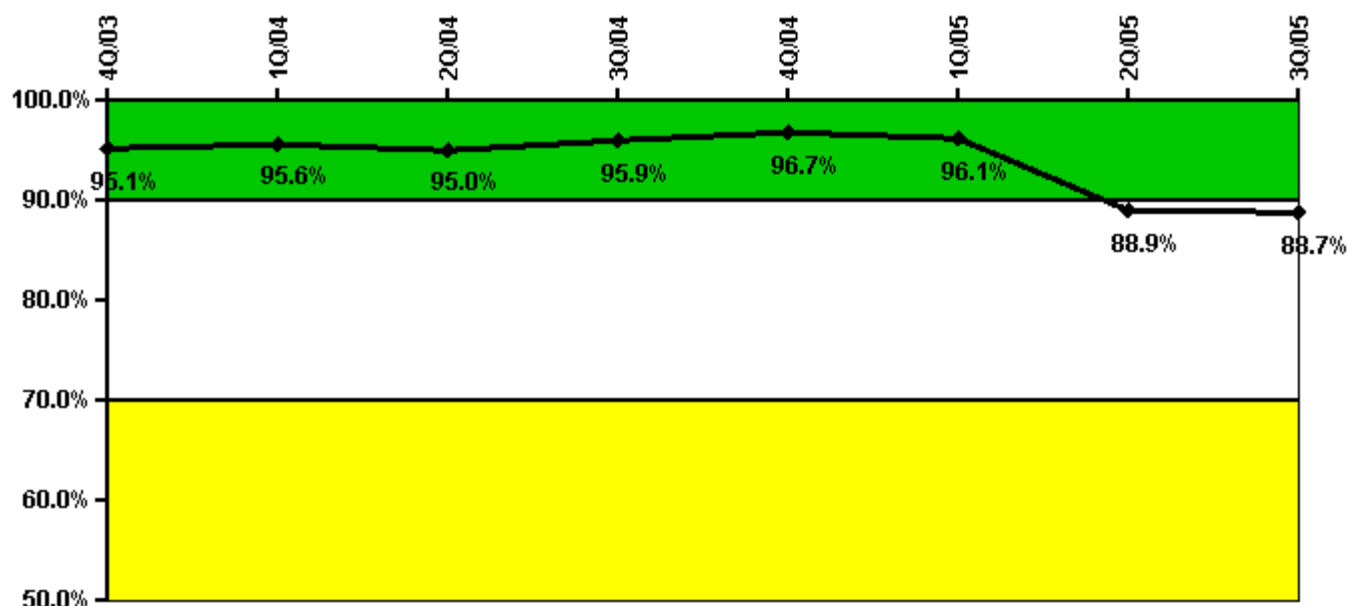
Notes

Reactor Coolant System Leakage	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04
Maximum leakage	0.217	0.197	0.459	0.253	0.199	0.669	0	0.383	0.655	0.168	0.099	0.123
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	2.2	2.0	4.6	2.5	2.0	6.7	0	3.8	6.6	1.7	1.0	1.2

Reactor Coolant System Leakage	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05
Maximum leakage	0.169	0.085	0.275	0.124	0.203	0.181	0.134	0.166	0.194	0.139	0.185	0.090
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	0.9	2.8	1.2	2.0	1.8	1.3	1.7	1.9	1.4	1.9	0.9

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Successful opportunities	15.0	39.0	14.0	14.0	11.0	0	22.0	144.0
Total opportunities	15.0	41.0	15.0	14.0	12.0	0	33.0	162.0
Indicator value	95.1%	95.6%	95.0%	95.9%	96.7%	96.1%	88.9%	88.7%

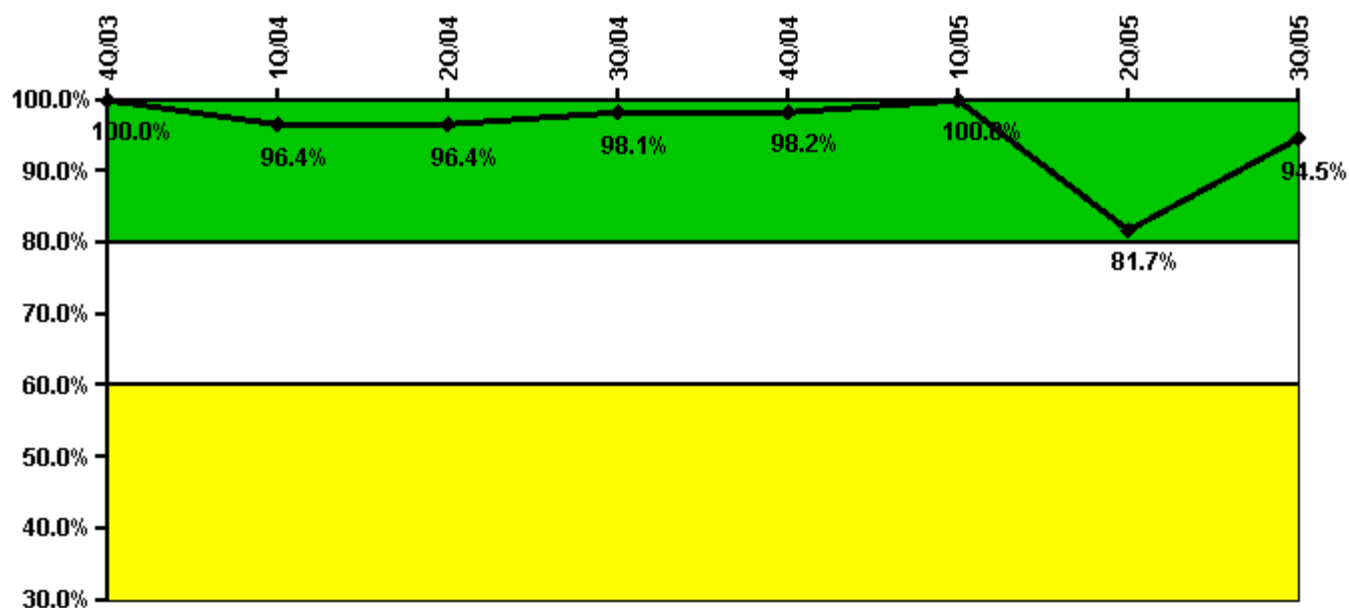
Licensee Comments:

3Q/05: Drill / Exercise Performance (DEP) did not improve during 3Q2005 and the indicator remains White. The 3Q2005 DEP deficiencies were primarily associated with inaccurately completing the required notification forms. Additional resources have been applied to the assessment of causes and the identification of corrective actions to improve DEP.

2Q/05: As a result of an NRC inspection and subsequent review of the 2Q2005 Drill/Exercise performance data, three of the 33 opportunities were found to have been incorrectly counted as successful. These three opportunities are now being counted as failures because the "emergency" box was checked instead of the "drill" box, on the otherwise correct initial notification form. The change results in the PI crossing the Green/White threshold.

2Q/05: As a result of an NRC inspection and subsequent review of the 2Q2005 Drill/Exercise performance data, three of the 33 opportunities were found to have been incorrectly counted as successful. These three opportunities are now being counted as failures because the "emergency" box was checked instead of the "drill" box, on the otherwise correct initial notification form.

ERO Drill Participation



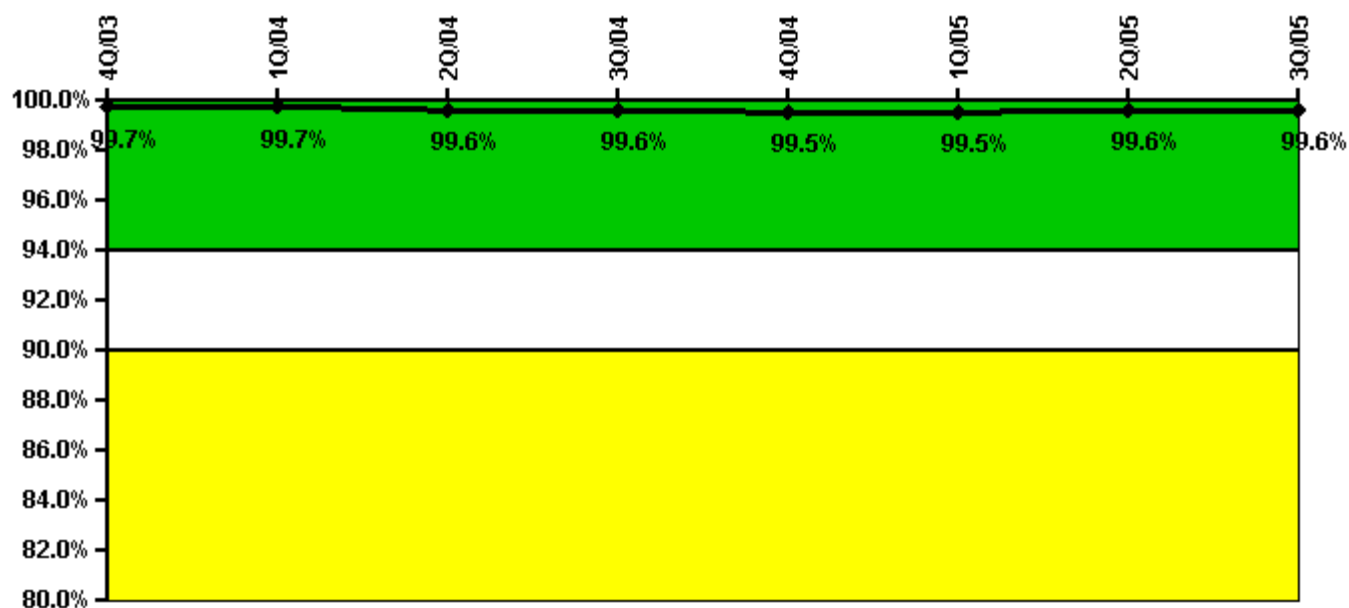
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Participating Key personnel	54.0	53.0	53.0	53.0	55.0	52.0	58.0	69.0
Total Key personnel	54.0	55.0	55.0	54.0	56.0	52.0	71.0	73.0
Indicator value	100.0%	96.4%	96.4%	98.1%	98.2%	100.0%	81.7%	94.5%

Licensee Comments: none

Alert & Notification System



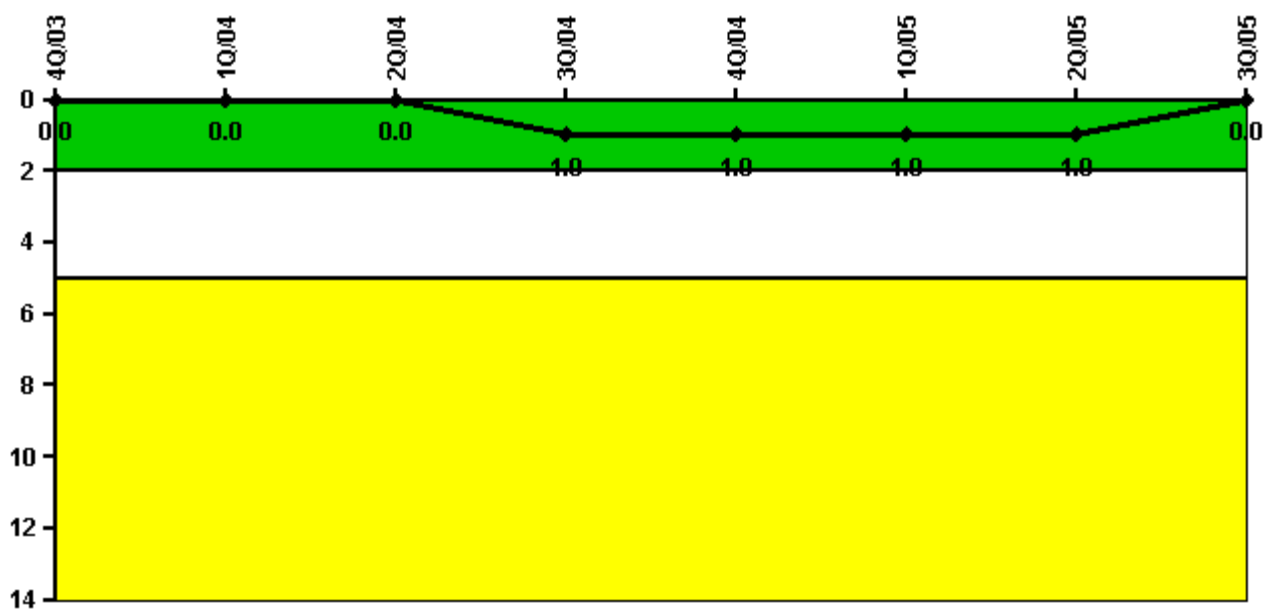
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Successful siren-tests	1046	1044	1043	1303	911	1043	910	1302
Total sirens-tests	1048	1048	1048	1310	917	1048	910	1306
Indicator value	99.7%	99.7%	99.6%	99.6%	99.5%	99.5%	99.6%	99.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness



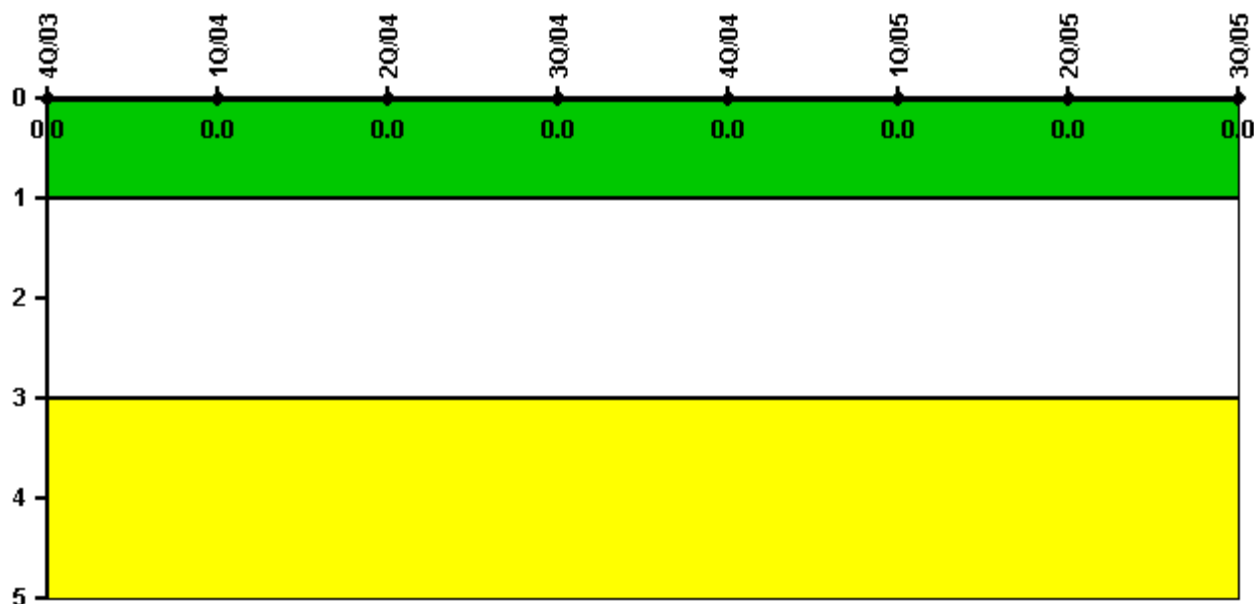
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/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	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/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.