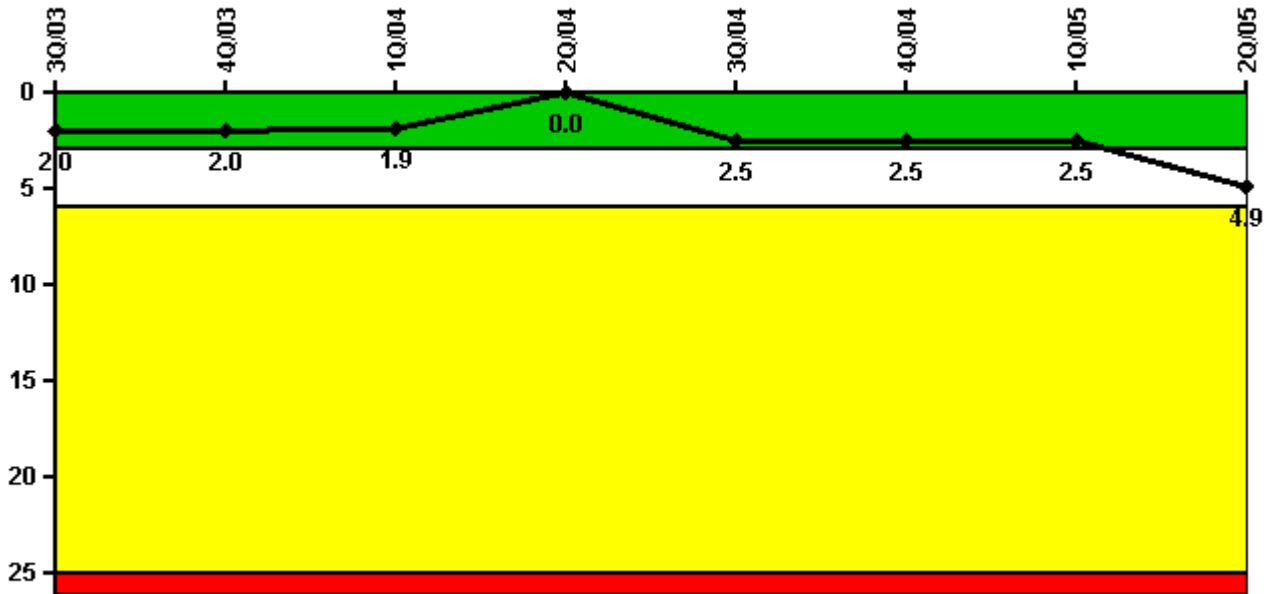


Columbia Generating Station

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

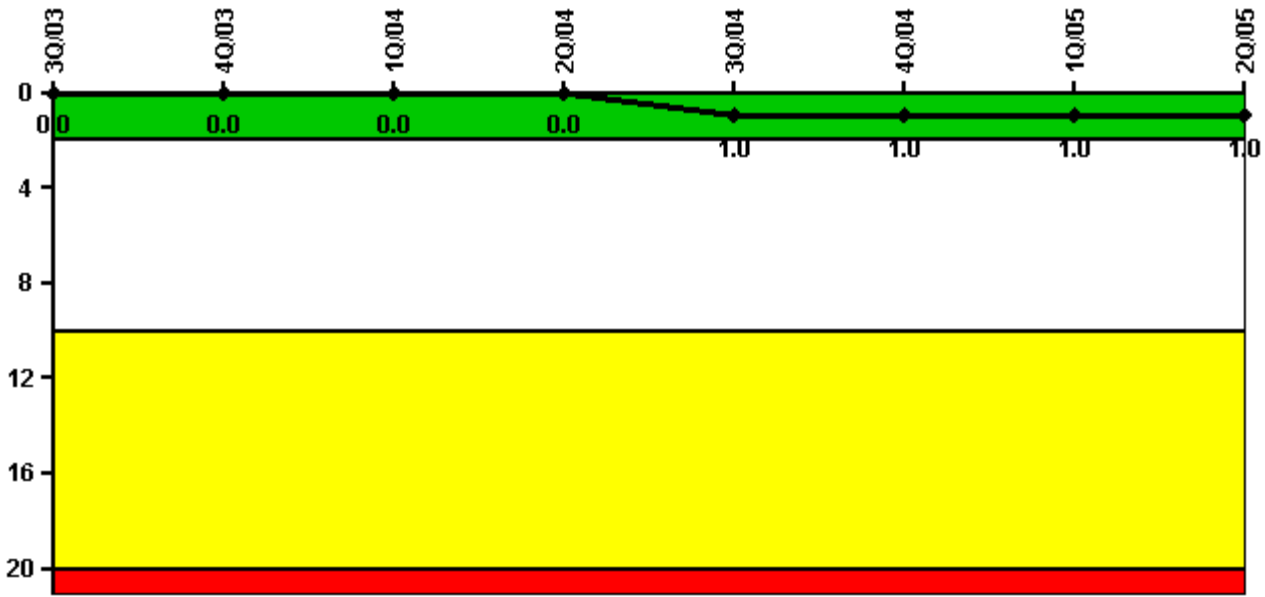
Notes

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	0	0	3.0	0	0	2.0
Critical hours	2175.4	2209.0	2184.0	2183.0	1733.0	2209.0	2160.0	1073.4
Indicator value	2.0	2.0	1.9	0	2.5	2.5	2.5	4.9

Licensee Comments:

2Q/05: Exceeded GREEN/WHITE threshold due to 2 unplanned Scrams in 2005-06

Scrams with Loss of Normal Heat Removal



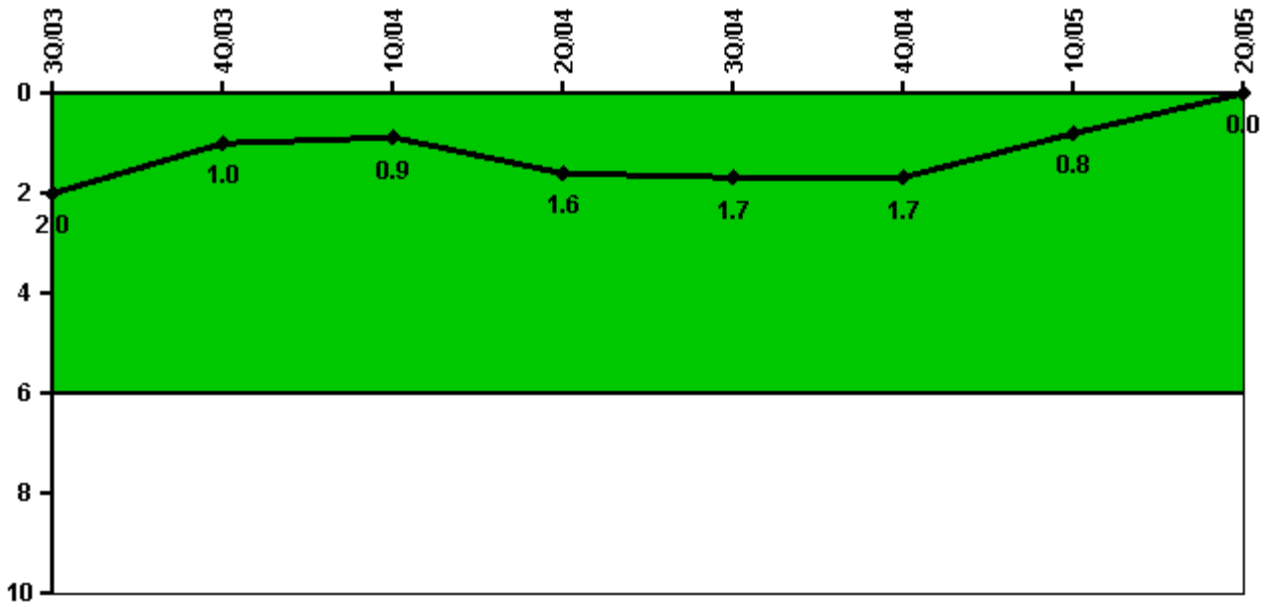
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



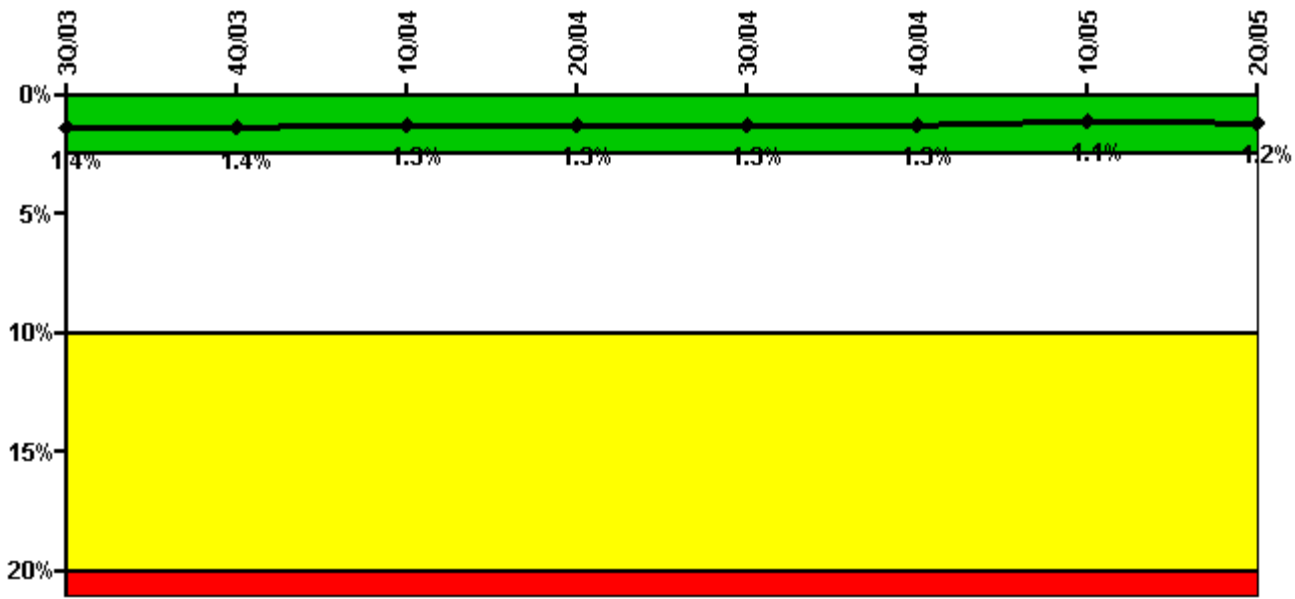
Thresholds: White > 6.0

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	0	1.0	1.0	0	0	0	0
Critical hours	2175.4	2209.0	2184.0	2183.0	1733.0	2209.0	2160.0	1073.4
Indicator value	2.0	1.0	0.9	1.6	1.7	1.7	0.8	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



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

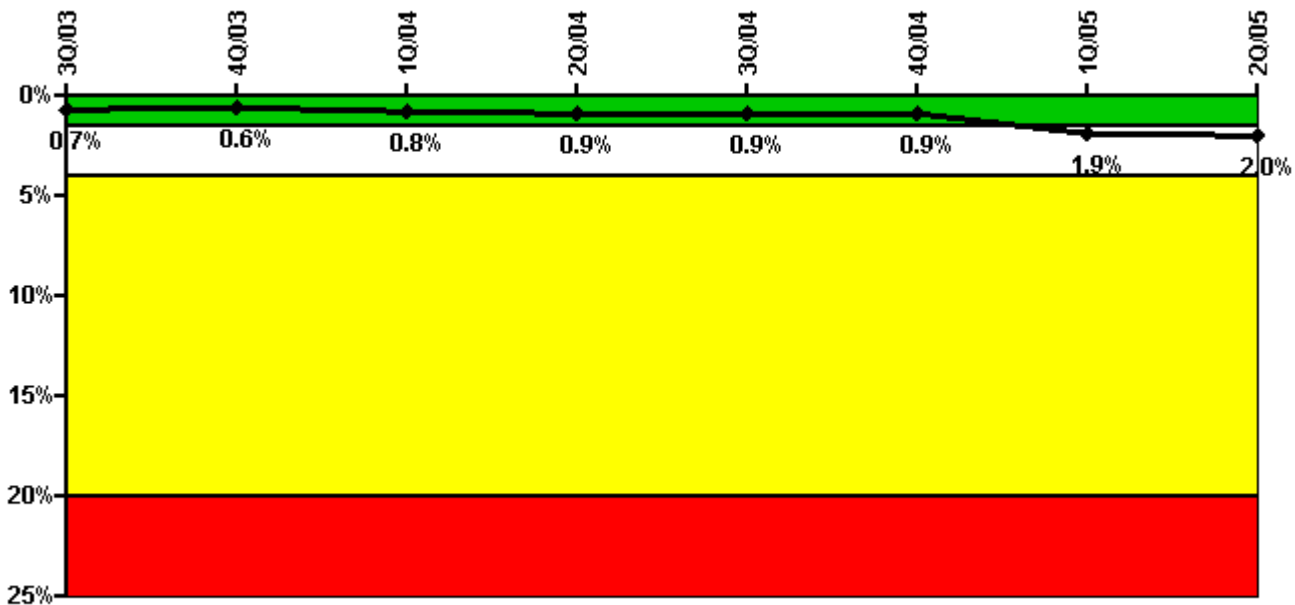
Notes

Safety System Unavailability, Emergency AC Power, >2EDG	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	7.22	40.07	1.42	17.96	1.20	8.48	1.48	8.26
Unplanned unavailable hours	0	0	0	0	0	0	0	27.47
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	41.16	6.22	2.66	7.62	1.47	1.47	10.23	9.92
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	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 3								
Planned unavailable hours	8.26	9.13	4.23	3.07	9.06	10.88	6.94	0.93
Unplanned unavailable hours	5.88	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	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	1.4%	1.4%	1.3%	1.3%	1.3%	1.3%	1.1%	1.2%

Licensee Comments:

2Q/05: Unplanned hours are due to maintenance on associated service water pump. An engineering evaluation for determining availability prior to maintenance is not complete to support this submittal of the 2Q05 report. Analysis will be completed by the next quarterly report and 2Q05 data will be amended if necessary.

Safety System Unavailability, High Pressure Injection System (HPCS)



Thresholds: White > 1.5% Yellow > 4.0% Red > 20.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCS)	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	7.42	12.89	49.24	5.62	0.52	1.90	265.37	0
Unplanned unavailable hours	0	0	0.10	16.88	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	2180.17	2209.00	2184.00	2183.00	1876.06	2209.00	2160.00	1164.02
Indicator value	0.7%	0.6%	0.8%	0.9%	0.9%	0.9%	1.9%	2.0%

Licensee Comments:

2Q/05: Exceeded GREEN/WHITE threshold due to ~11 days of maintenance on HPCS motor following discovery of equipment issues in 1Q05. Engineering evaluation of fault exposure hours associated with 1Q05 planned hours is not complete. However, these hours will be calculated using T/2 methodology and will only be commented. Therefore, the hours will not be commented until next quarter when the analysis is complete.

Safety System Unavailability, Heat Removal System (RCIC)



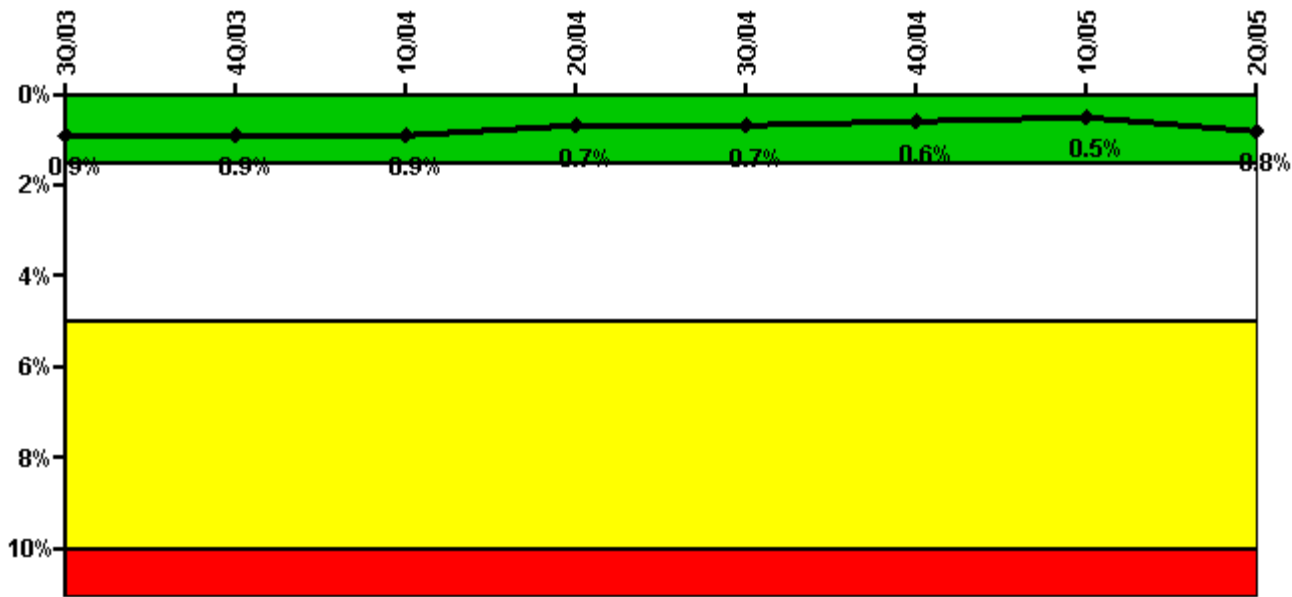
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, Heat Removal System (RCIC)	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	30.62	13.39	16.81	3.72	20.34	5.43	57.99	2.40
Unplanned unavailable hours	0.87	0	12.80	0	0	2.05	0	1.60
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2166.90	2209.00	2184.00	2183.00	1750.51	2209.00	2160.00	1070.21
Indicator value	2.6%	2.6%	2.0%	1.2%	1.2%	1.2%	1.4%	1.4%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



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

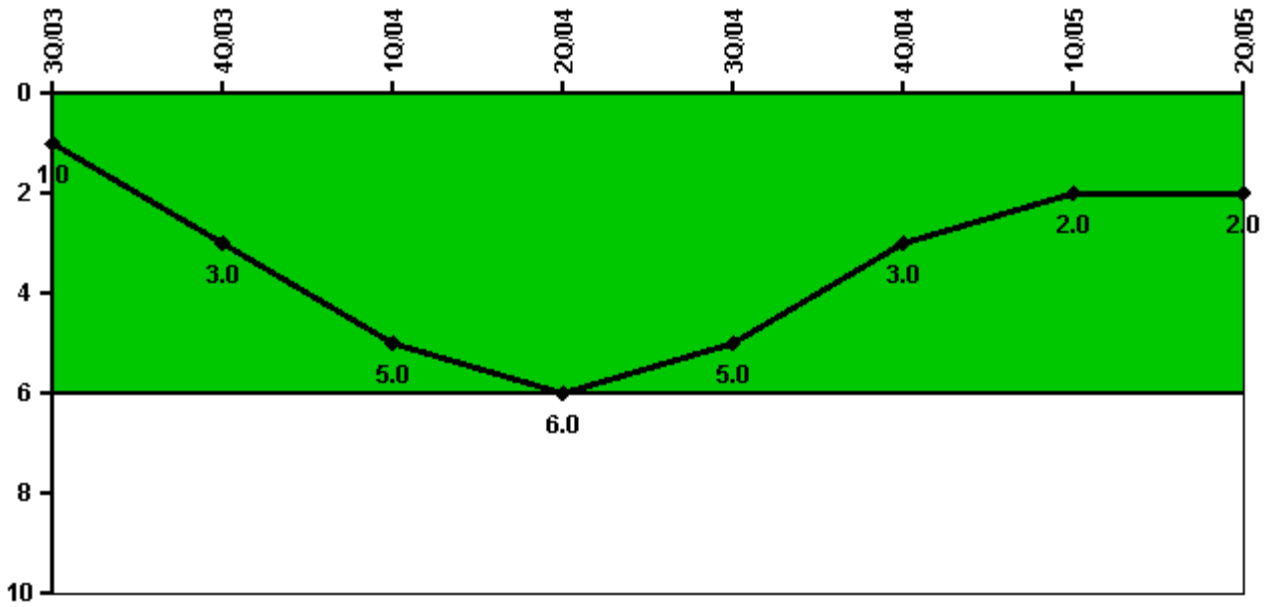
Notes

Safety System Unavailability, Residual Heat Removal System	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	8.05	0.69	1.23	0.37	0.30	8.18	0.70	39.27
Unplanned unavailable hours	0	0	0	0	0	0	0	109.71
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	11.31	0.28	1.95	0.23	6.78	0.25	12.10	23.15
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	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	0.9%	0.9%	0.9%	0.7%	0.7%	0.6%	0.5%	0.8%

Licensee Comments:

2Q/05: Unplanned hours are due to maintenance on associated service water pump. An engineering evaluation for determining availability prior to maintenance is not complete to support this submittal of the 2Q05 report. Analysis will be completed by the next quarterly report and 2Q05 data will be amended if necessary.

Safety System Functional Failures (BWR)



Thresholds: White > 6.0

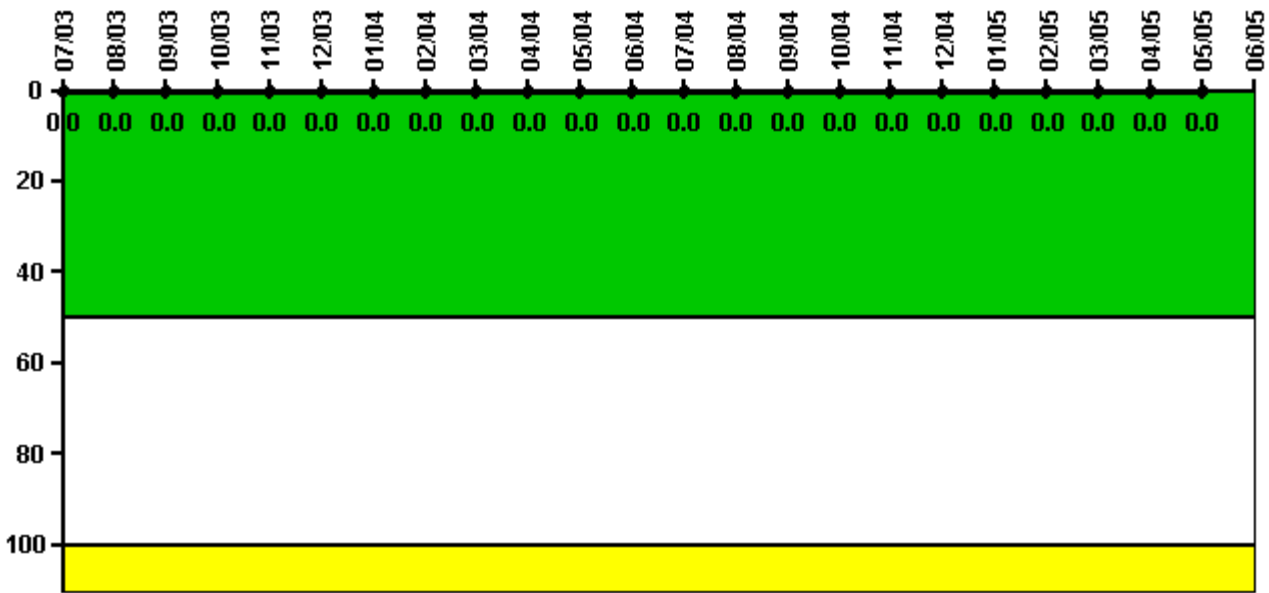
Notes

Safety System Functional Failures (BWR)	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Safety System Functional Failures	1	2	2	1	0	0	1	1
Indicator value	1	3	5	6	5	3	2	2

Licensee Comments:

2Q/05: LER 2005-002-00 documents HPCS Inoperable due to cracks in the pump motor upper air deflector.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

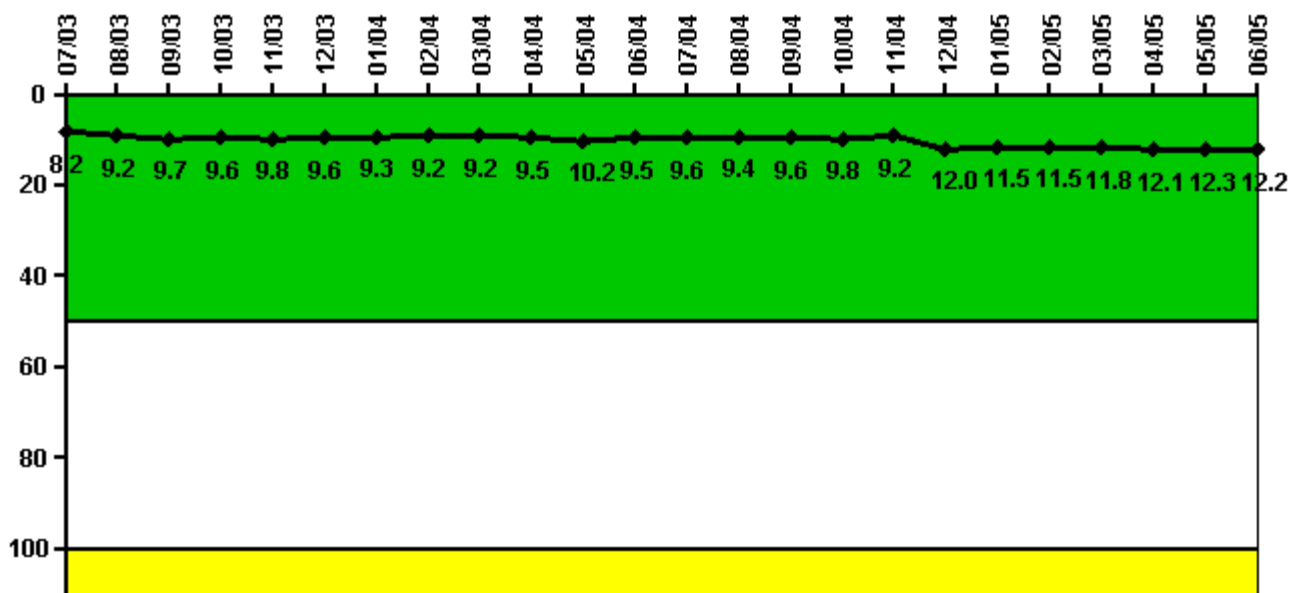
Notes

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	0.000018	0.000017	0.000009	0.000006	0.000005	0.000008	0.000005	0.000005	0.000005	0.000005	0.000005	0.000006
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

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	0.000006	0.000004	0.000005	0.000006	0.000007	0.000008	0.000007	0.000006	0.000015	0.000011	0.000010	N/A
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	N/A

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

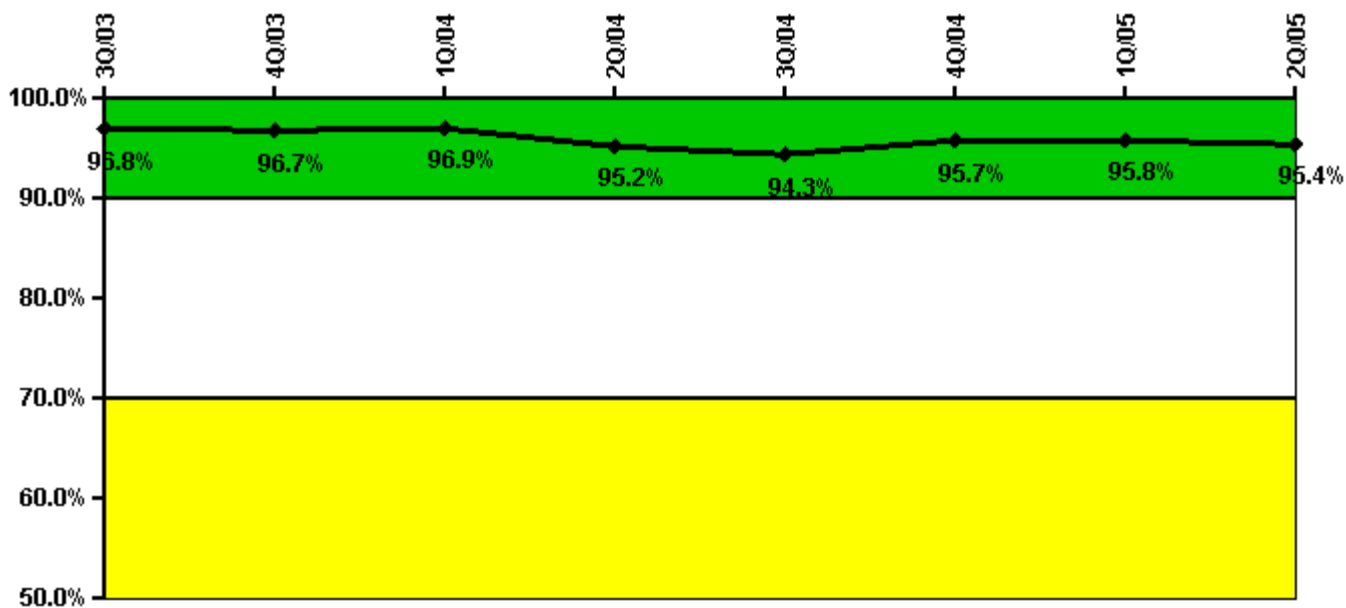
Notes

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	2.060	2.310	2.420	2.390	2.450	2.410	2.330	2.310	2.290	2.370	2.550	2.380
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	8.2	9.2	9.7	9.6	9.8	9.6	9.3	9.2	9.2	9.5	10.2	9.5

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	2.390	2.340	2.390	2.440	2.300	2.990	2.880	2.880	2.960	3.030	3.070	3.040
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	9.6	9.4	9.6	9.8	9.2	12.0	11.5	11.5	11.8	12.1	12.3	12.2

Licensee Comments: none

Drill/Exercise Performance



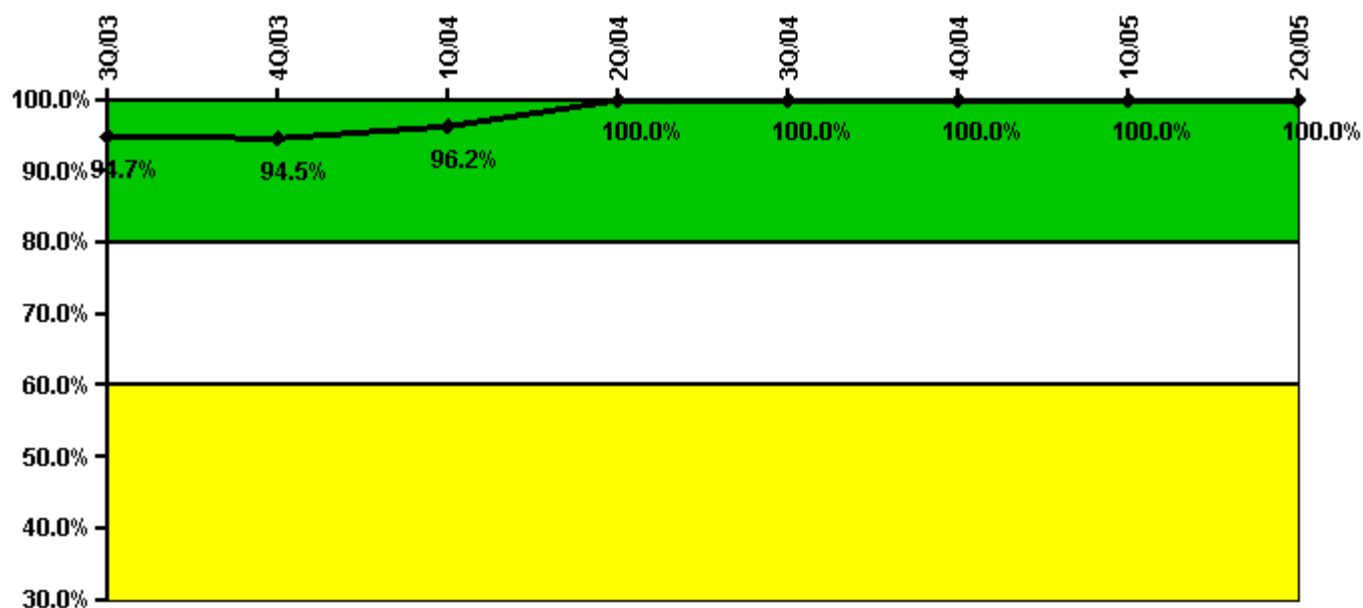
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Successful opportunities	26.0	33.0	17.0	39.0	26.0	52.0	38.0	20.0
Total opportunities	26.0	34.0	18.0	43.0	28.0	53.0	39.0	22.0
Indicator value	96.8%	96.7%	96.9%	95.2%	94.3%	95.7%	95.8%	95.4%

Licensee Comments: none

ERO Drill Participation



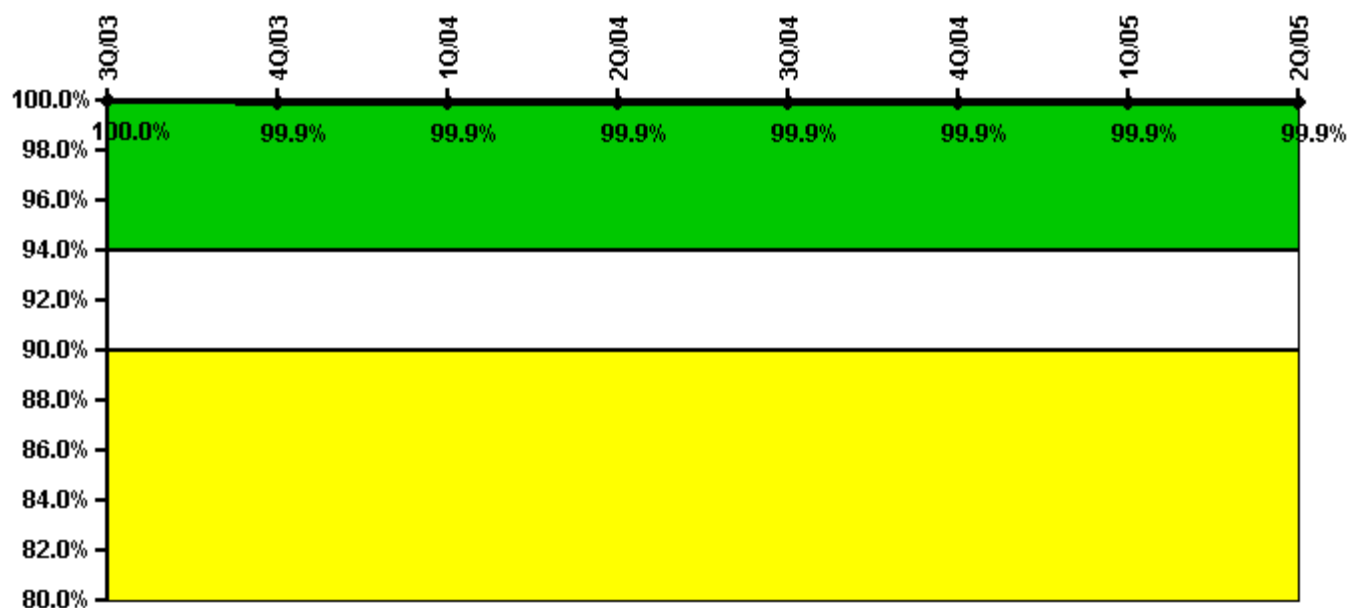
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Participating Key personnel	54.0	52.0	51.0	54.0	55.0	56.0	58.0	61.0
Total Key personnel	57.0	55.0	53.0	54.0	55.0	56.0	58.0	61.0
Indicator value	94.7%	94.5%	96.2%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



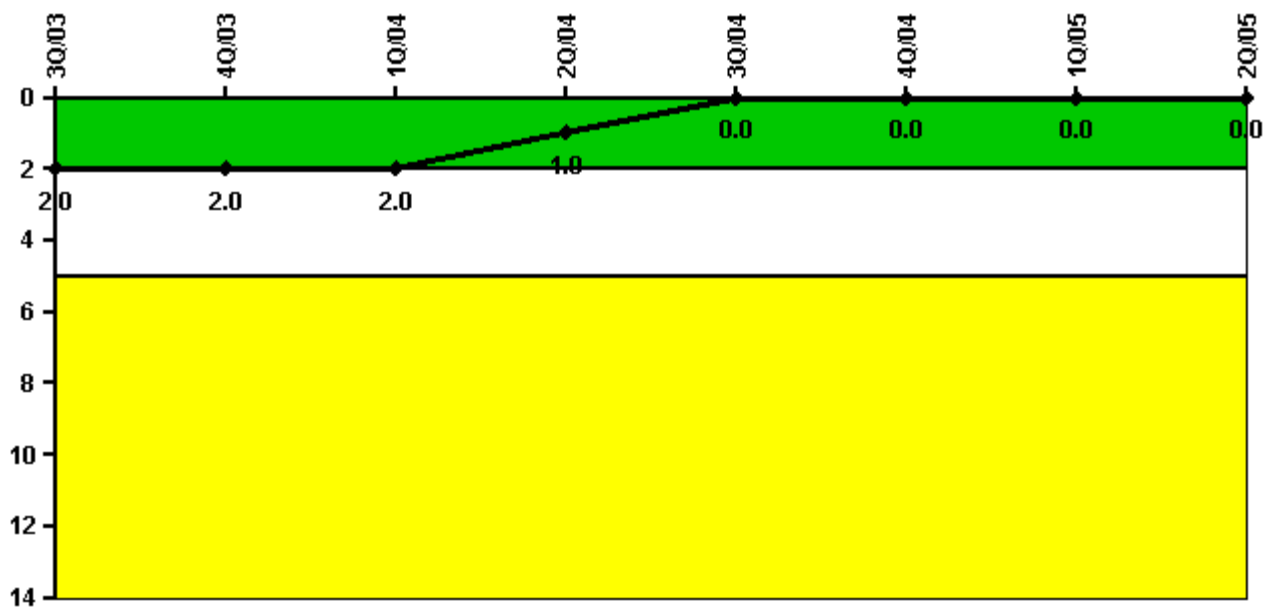
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Successful siren-tests	286	340	286	286	286	296	286	286
Total sirens-tests	286	341	286	286	286	297	286	286
Indicator value	100.0%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



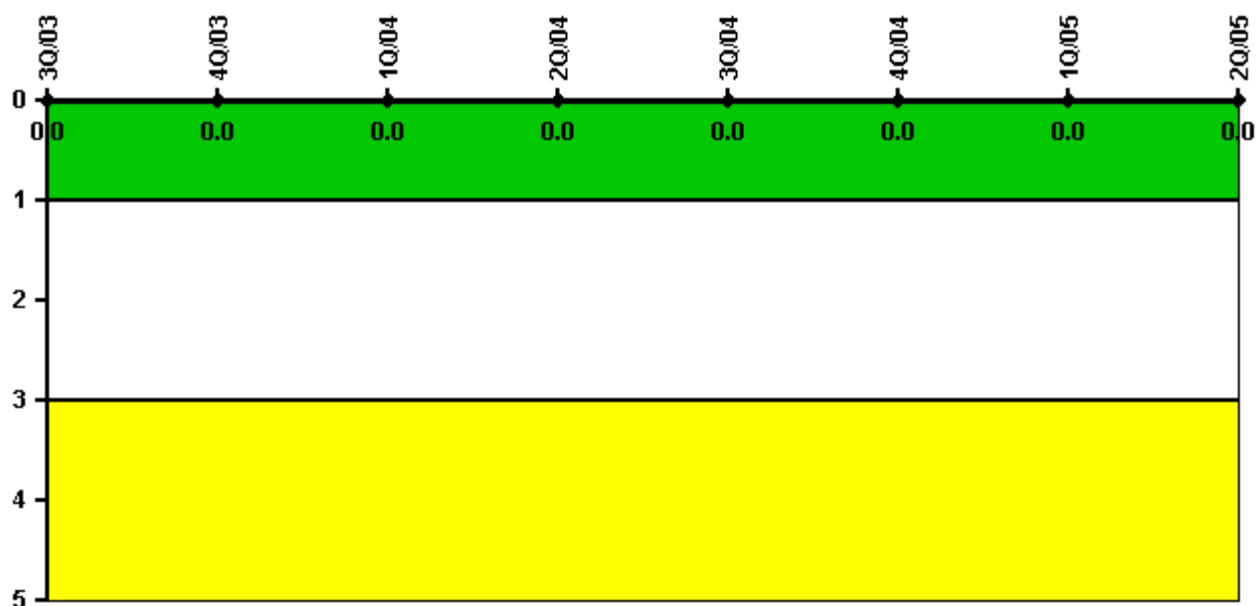
Thresholds: White > 2.0 Yellow > 5.0

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	1	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	2	2	2	1	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.