

Duane Arnold

1Q/2006 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



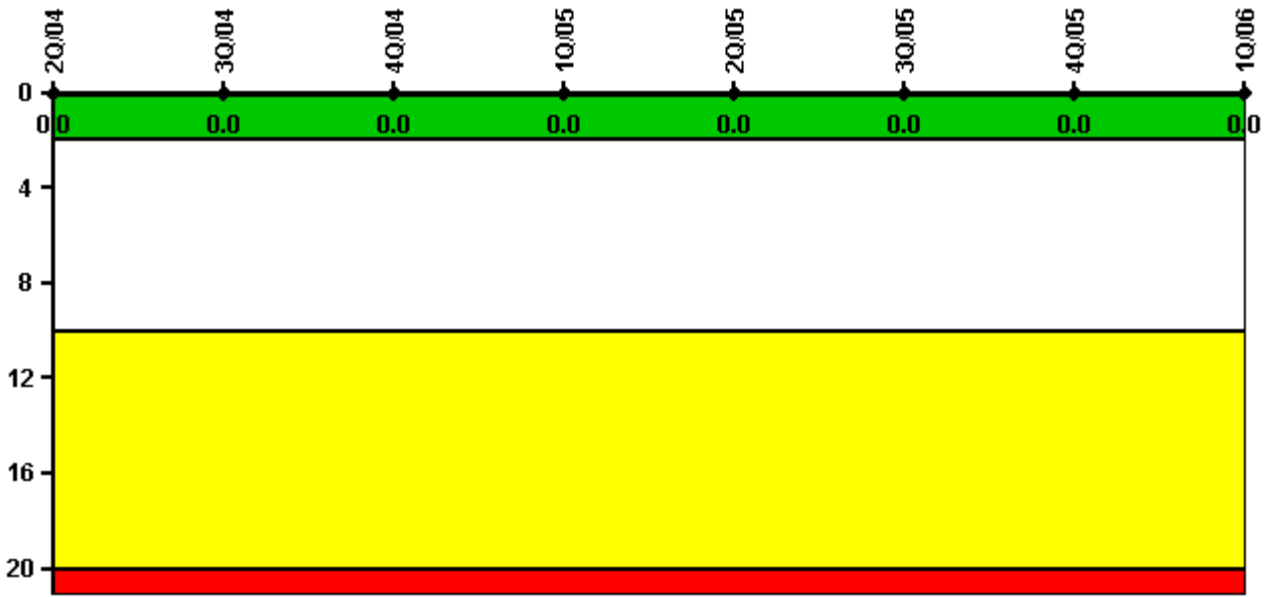
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2111.6	2208.0	2133.5	2069.4	1438.1	2208.0	2209.0	2160.0
Indicator value	1.7	1.7	0	0	0	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



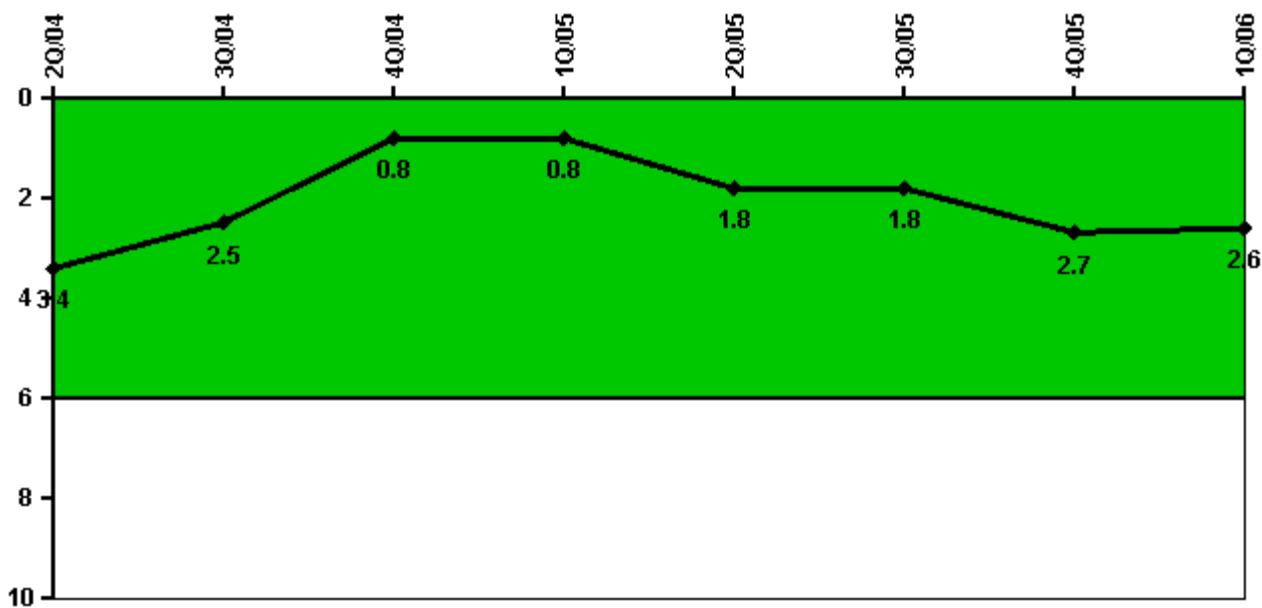
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
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



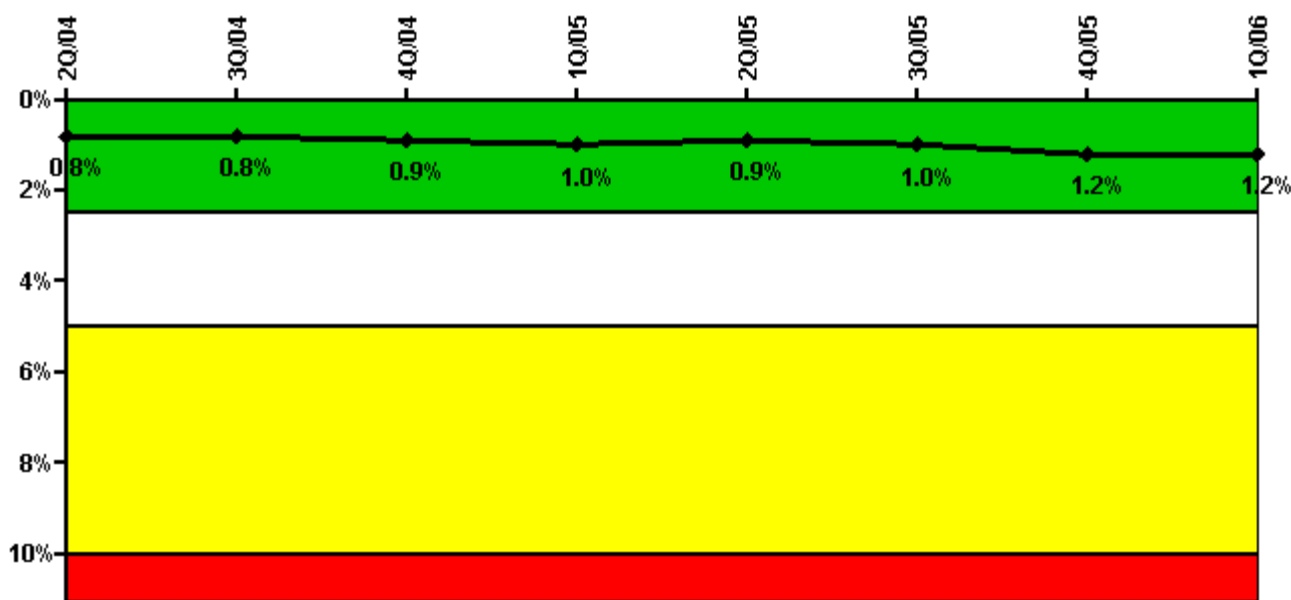
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Unplanned power changes	1.0	0	0	0	2.0	0	1.0	0
Critical hours	2111.6	2208.0	2133.5	2069.4	1438.1	2208.0	2209.0	2160.0
Indicator value	3.4	2.5	0.8	0.8	1.8	1.8	2.7	2.6

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



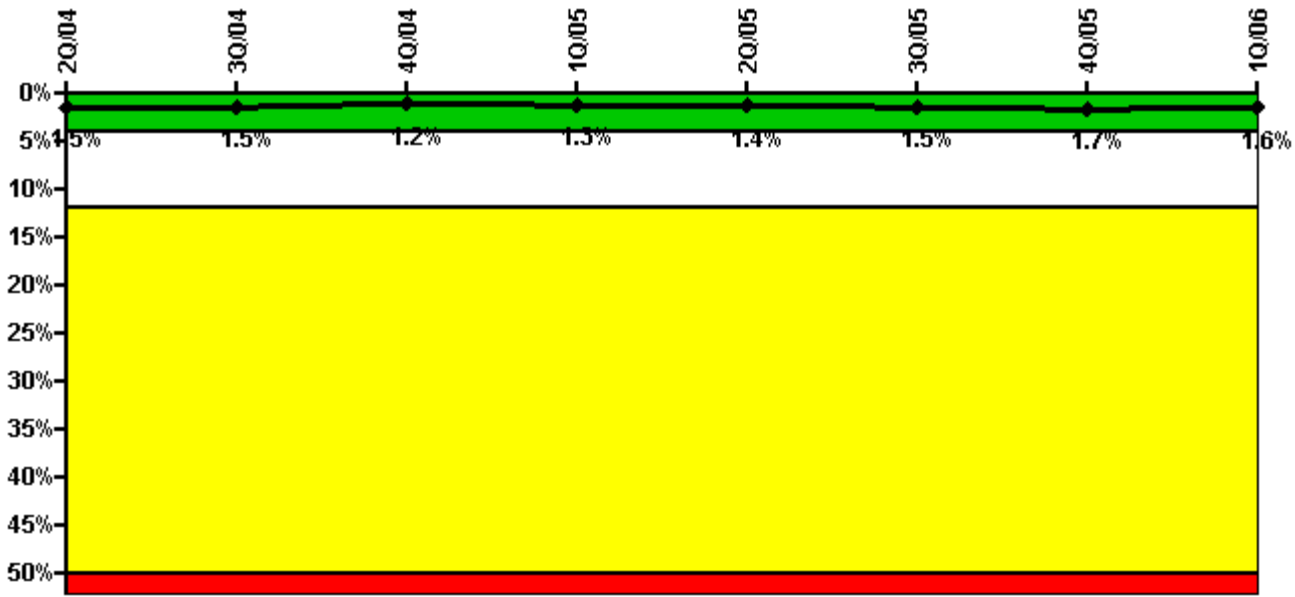
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	24.21	48.69	34.86	29.40	7.25	23.22	46.76	39.27
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	2183.00	2208.00	2209.00	2160.00	2154.50	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	22.13	15.01	29.97	23.98	11.09	67.80	61.91	32.57
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	2183.00	2208.00	2209.00	2160.00	2180.60	2208.00	2209.00	2160.00
Indicator value	0.8%	0.8%	0.9%	1.0%	0.9%	1.0%	1.2%	1.2%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)



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

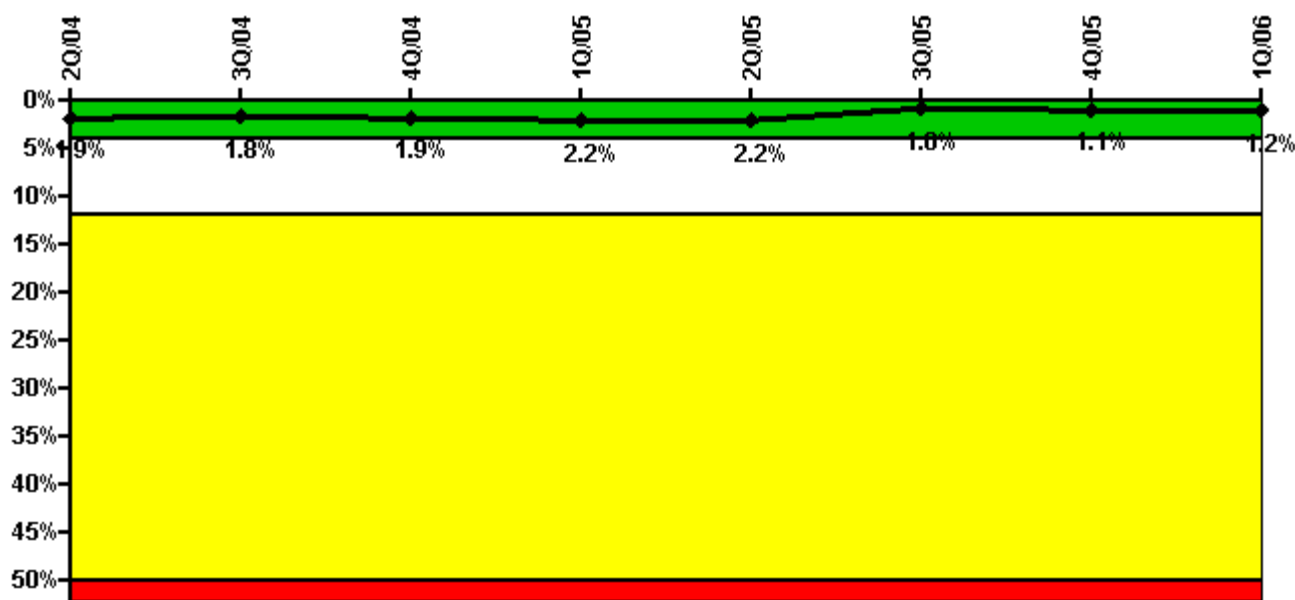
Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	0	0	12.12	27.12	0	0	16.52	36.32
Unplanned unavailable hours	0	0	0	14.27	0	31.50	68.45	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	2111.57	2208.00	2133.47	2069.40	1438.10	2208.00	2209.00	2160.00
Indicator value	1.5%	1.5%	1.2%	1.3%	1.4%	1.5%	1.7%	1.6%

Licensee Comments:

3Q/05: It was decided to declare the HPCI System unavailable for the ROP (i.e. NRC Performance Indicators) while the Auxiliary Oil Pump handswitch was placed in pull-to-lock. The time that the aux oil pump was in pull-to-lock was 31.5 hours for September and 68.45 hours for October - for a total of 99.95 hours. The effect on the NRC Performance Indicator is that the September indicator is at 1.48% and the October indicator is at 1.63%. The NRC white threshold is at 4.0%.

Safety System Unavailability, Heat Removal System (RCIC)



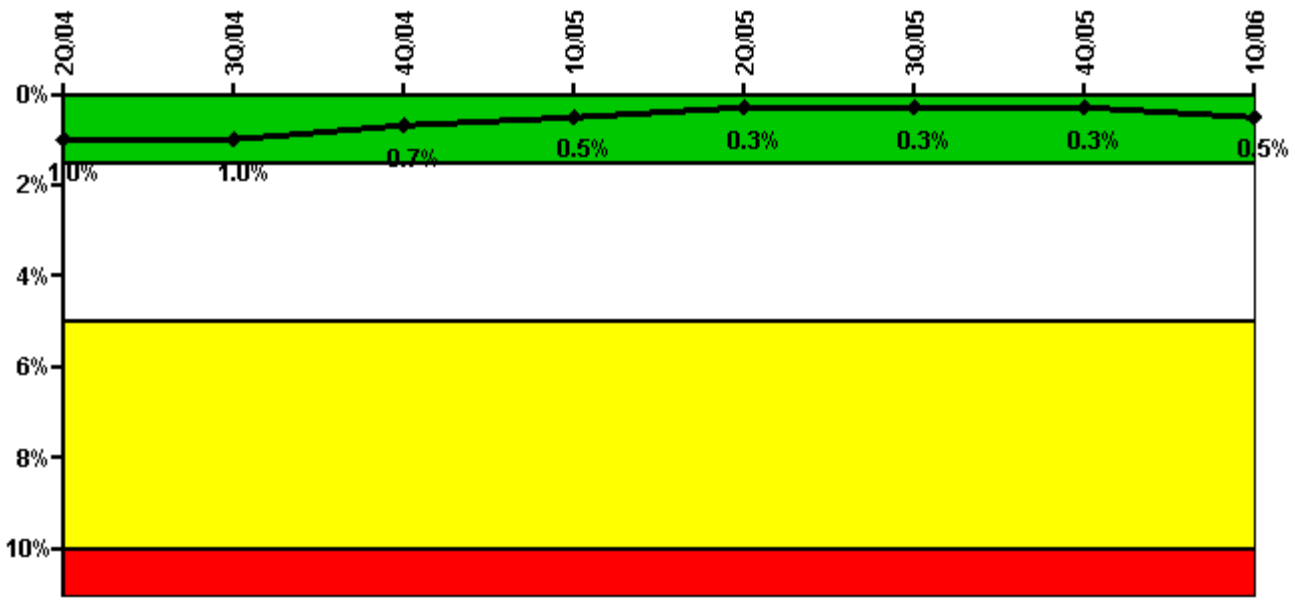
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, Heat Removal System (RCIC)	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	0	0	0	23.63	0.34	13.53	18.00	101.76
Unplanned unavailable hours	0	0	23.30	56.87	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	2111.57	2208.00	2133.47	2069.40	1438.10	2208.00	2209.00	2160.00
Indicator value	1.9%	1.8%	1.9%	2.2%	2.2%	1.0%	1.1%	1.2%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



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

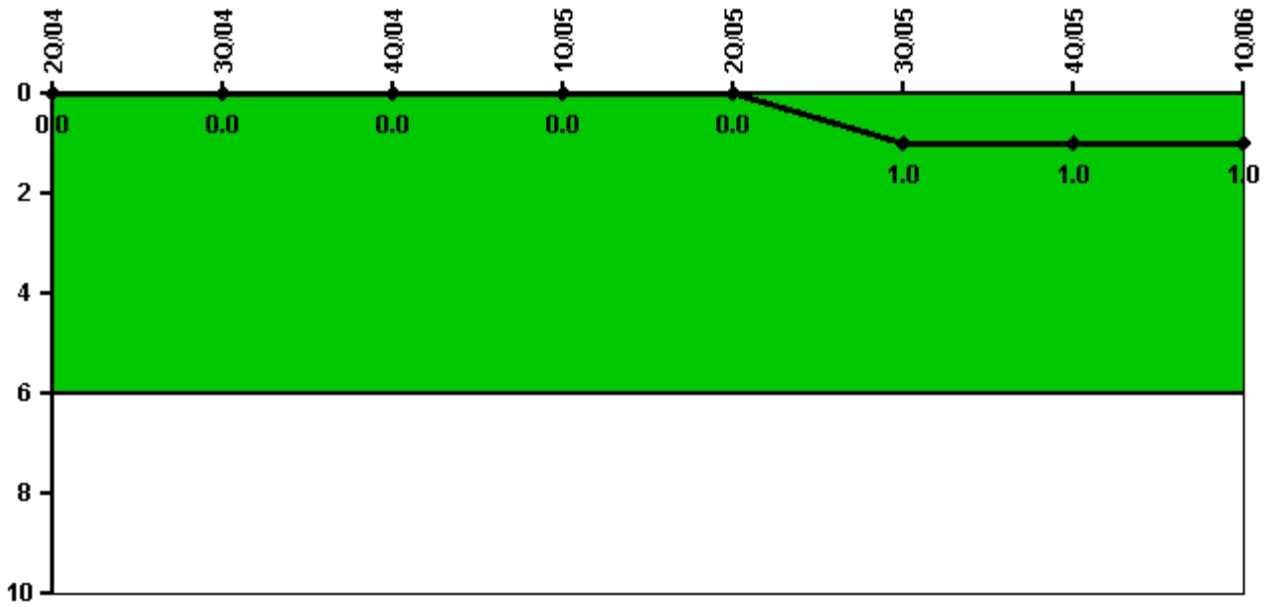
Notes

Safety System Unavailability, Residual Heat Removal System	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	1.52	1.45	2.14	4.58	0	19.80	16.30	3.59
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	2183.00	2208.00	2208.00	2160.00	1707.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	4.38	3.74	0	2.34	0	20.78	0	51.43
Unplanned unavailable hours	0	36.57	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	2183.00	2208.00	2208.00	2160.00	1707.00	2208.00	2209.00	2160.00
Indicator value	1.0%	1.0%	0.7%	0.5%	0.3%	0.3%	0.3%	0.5%

Licensee Comments:

4Q/05: The erroneous submittal pertained only to the RHR System, where the required hours for October, 2005 were listed as 744, when it should have reflected 745. All other submittals for mitigating systems correctly listed the hours for this period as 745.

Safety System Functional Failures (BWR)



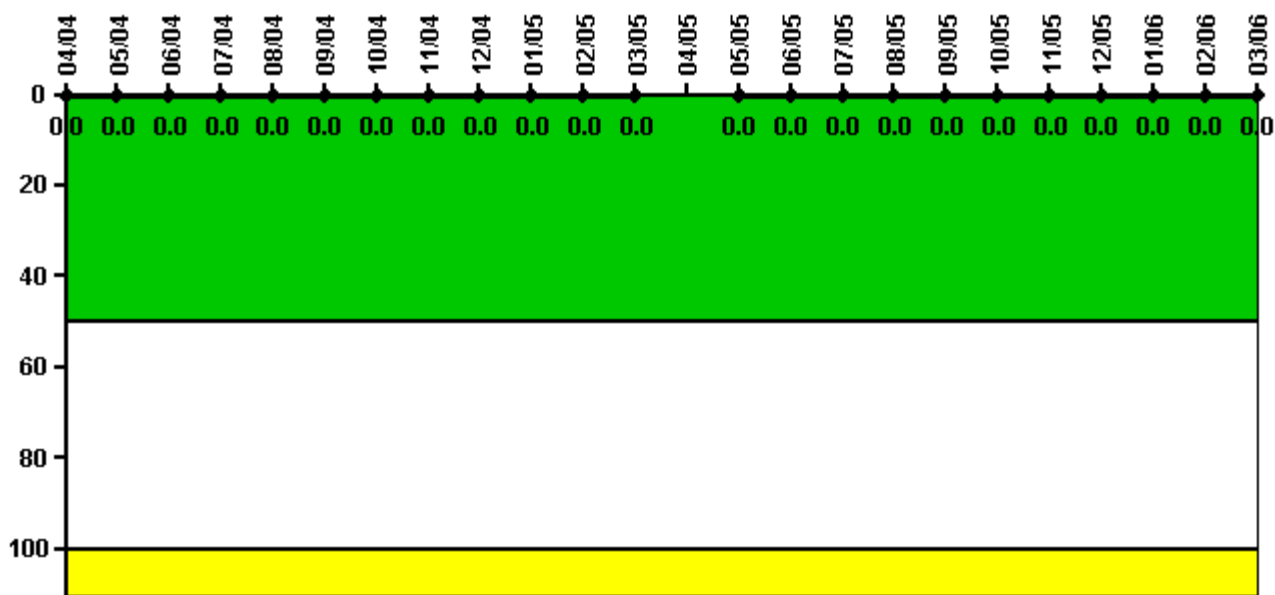
Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Safety System Functional Failures	0	0	0	0	0	1	0	0
Indicator value	0	0	0	0	0	1	1	1

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

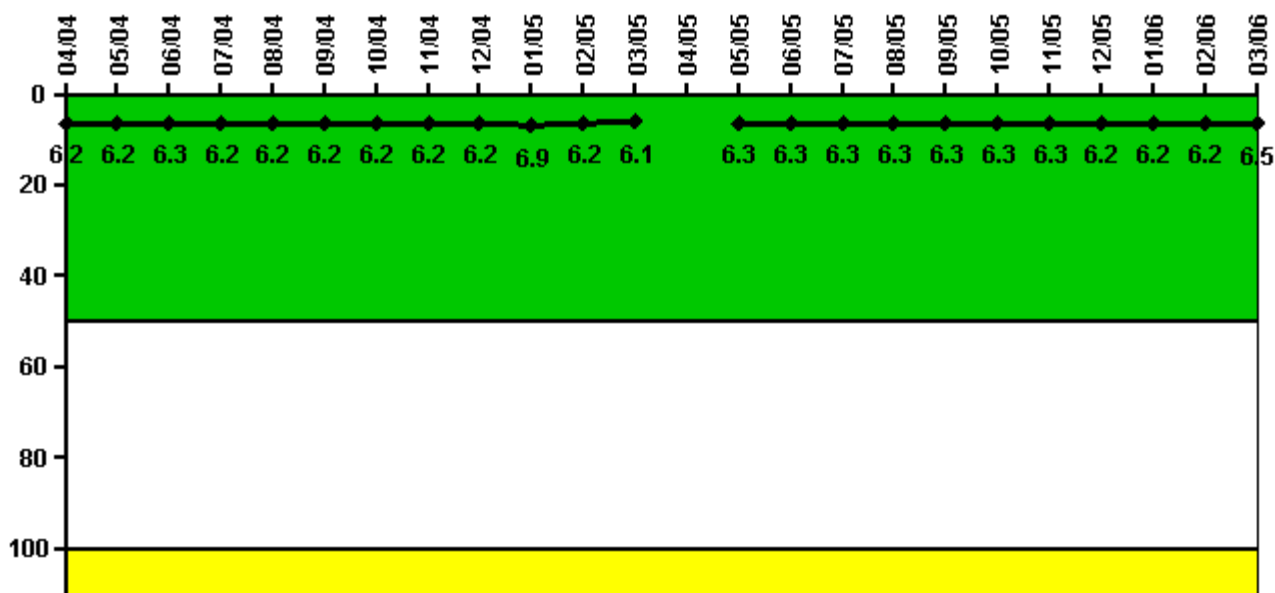
Notes

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	0.000002	0.000002	0.000002	0.000002	0	0.000002	0.000003	0.000002	0	0.000009	0.000003	0.000003
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	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06
Maximum activity	N/A	0	0	0	0	0.000006	0	0	0.000003	0	0	0
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	N/A	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

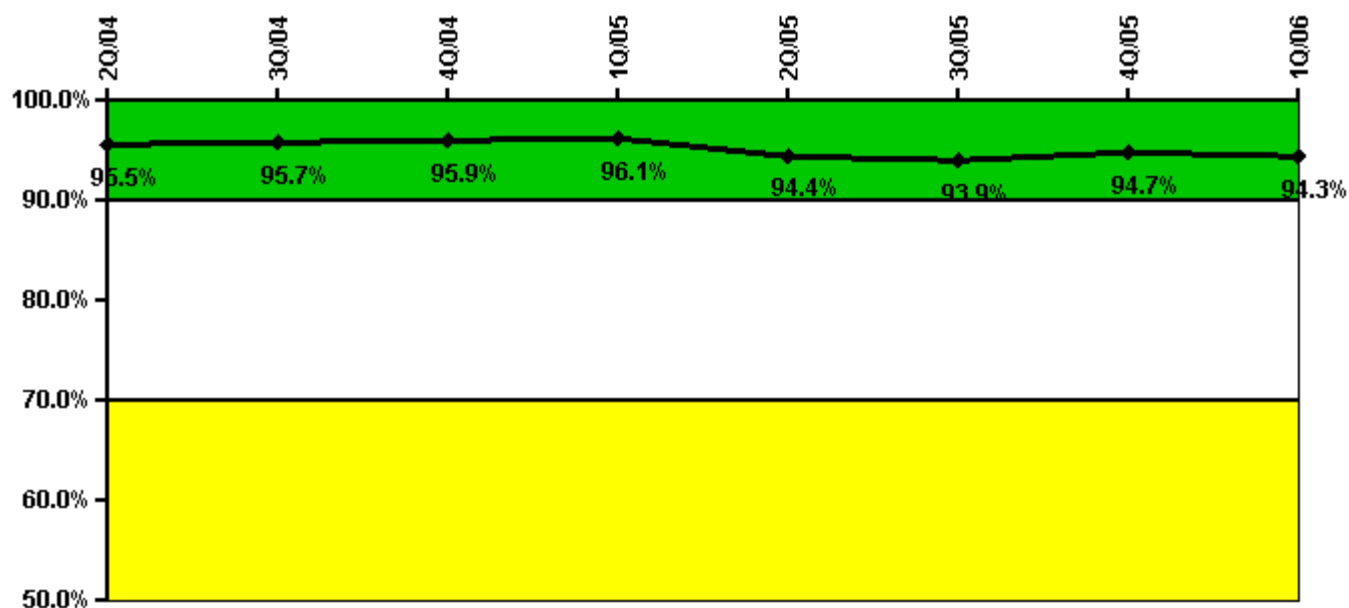
Notes

Reactor Coolant System Leakage	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	1.550	1.560	1.570	1.560	1.560	1.560	1.560	1.540	1.560	1.730	1.540	1.520
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	6.2	6.2	6.3	6.2	6.2	6.2	6.2	6.2	6.2	6.9	6.2	6.1

Reactor Coolant System Leakage	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06
Maximum leakage	N/A	1.570	1.580	1.570	1.570	1.580	1.580	1.570	1.550	1.550	1.550	1.620
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	N/A	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.2	6.2	6.2	6.5

Licensee Comments: none

Drill/Exercise Performance



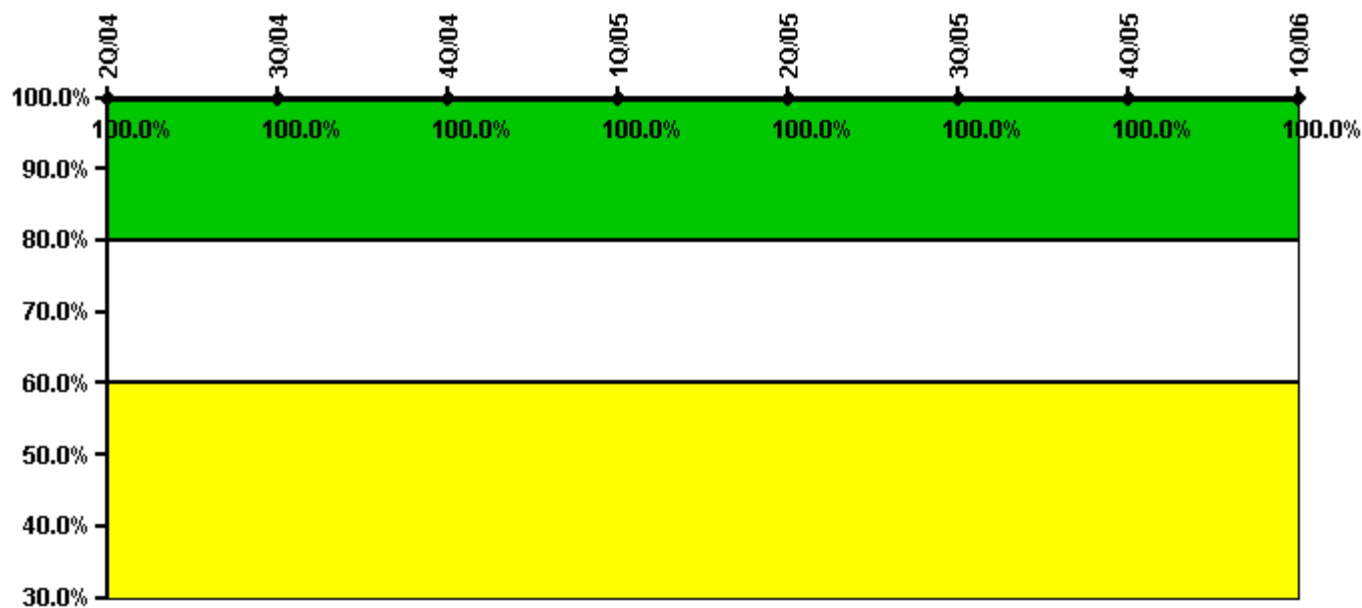
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Successful opportunities	37.0	42.0	24.0	30.0	27.0	22.0	48.0	33.0
Total opportunities	41.0	44.0	26.0	30.0	31.0	24.0	48.0	35.0
Indicator value	95.5%	95.7%	95.9%	96.1%	94.4%	93.9%	94.7%	94.3%

Licensee Comments: none

ERO Drill Participation



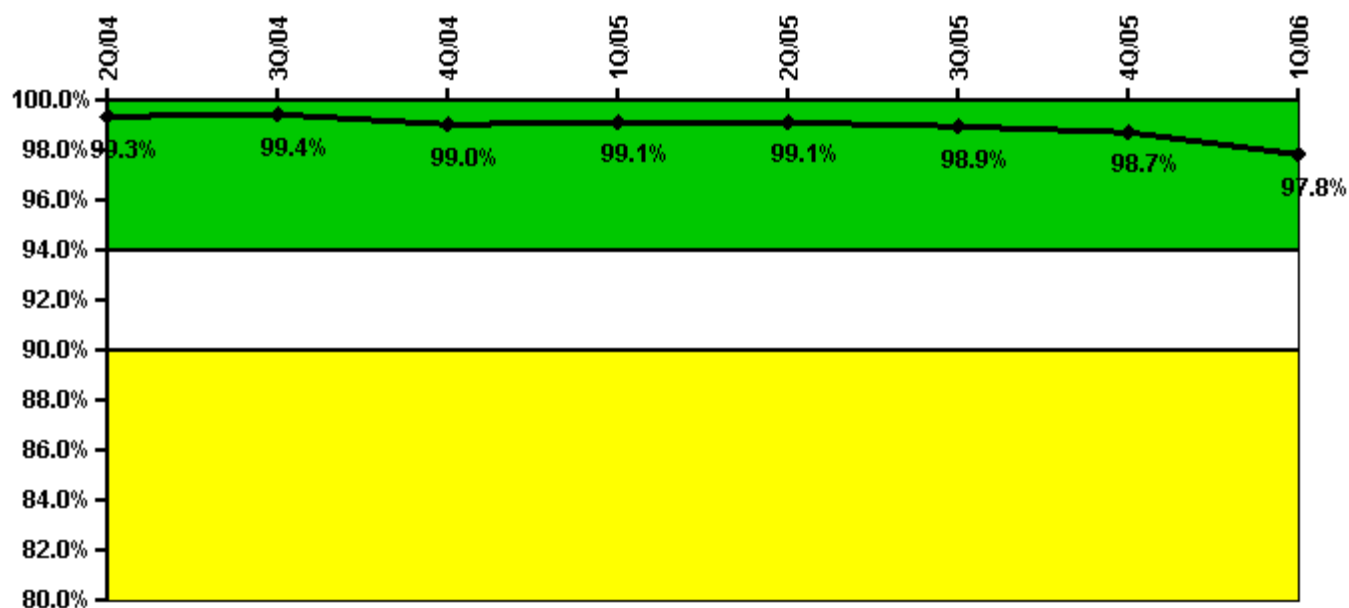
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Participating Key personnel	71.0	71.0	68.0	68.0	90.0	88.0	86.0	88.0
Total Key personnel	71.0	71.0	68.0	68.0	90.0	88.0	86.0	88.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



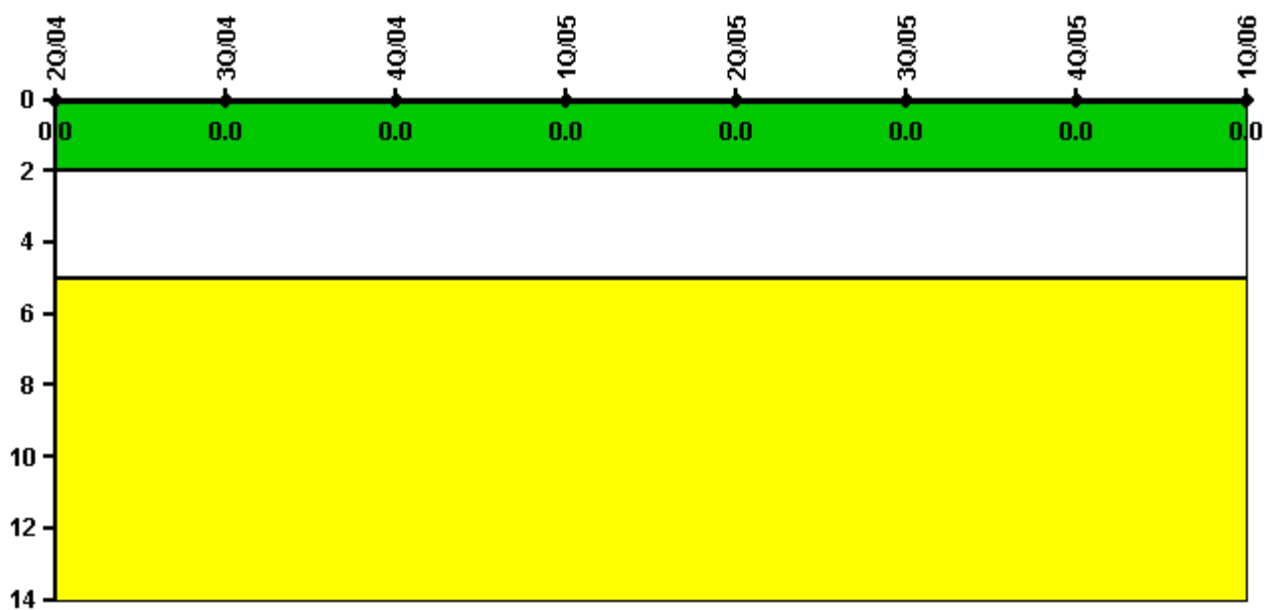
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Successful siren-tests	426	426	421	427	427	422	418	412
Total sirens-tests	429	429	429	429	429	429	429	429
Indicator value	99.3%	99.4%	99.0%	99.1%	99.1%	98.9%	98.7%	97.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



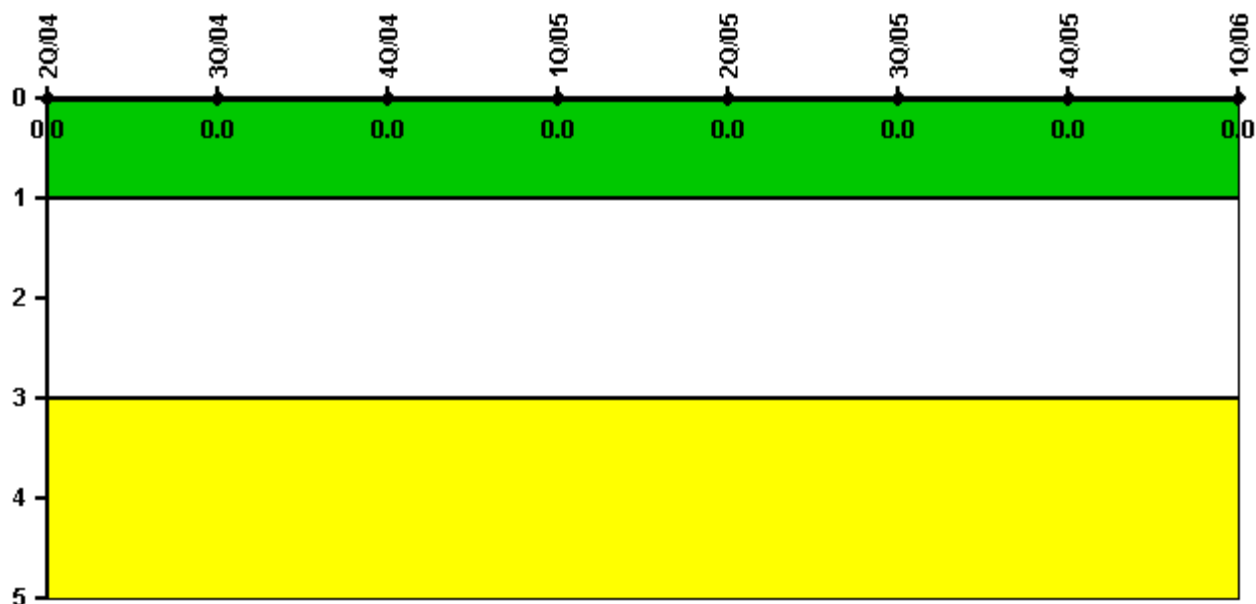
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
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	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
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: May 5, 2006