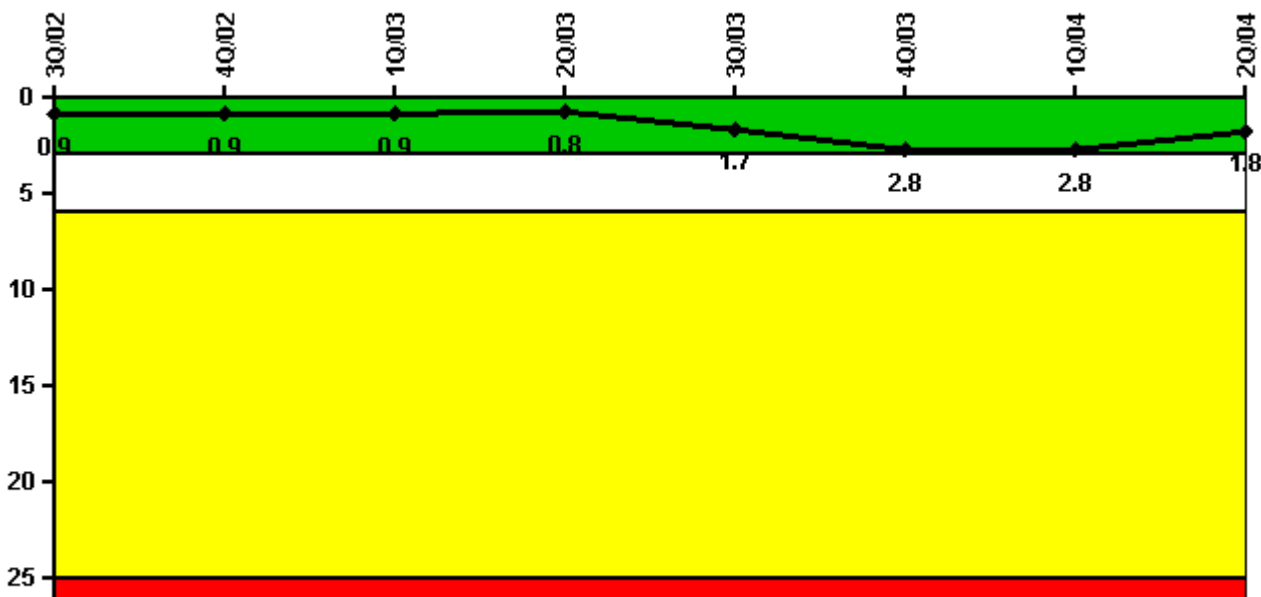


Comanche Peak 2

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	1.0	1.0	1.0	0	0
Critical hours	2208.0	2209.0	2160.0	1850.0	1821.6	1551.5	2184.0	2183.0
Indicator value	0.9	0.9	0.9	0.8	1.7	2.8	2.8	1.8

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



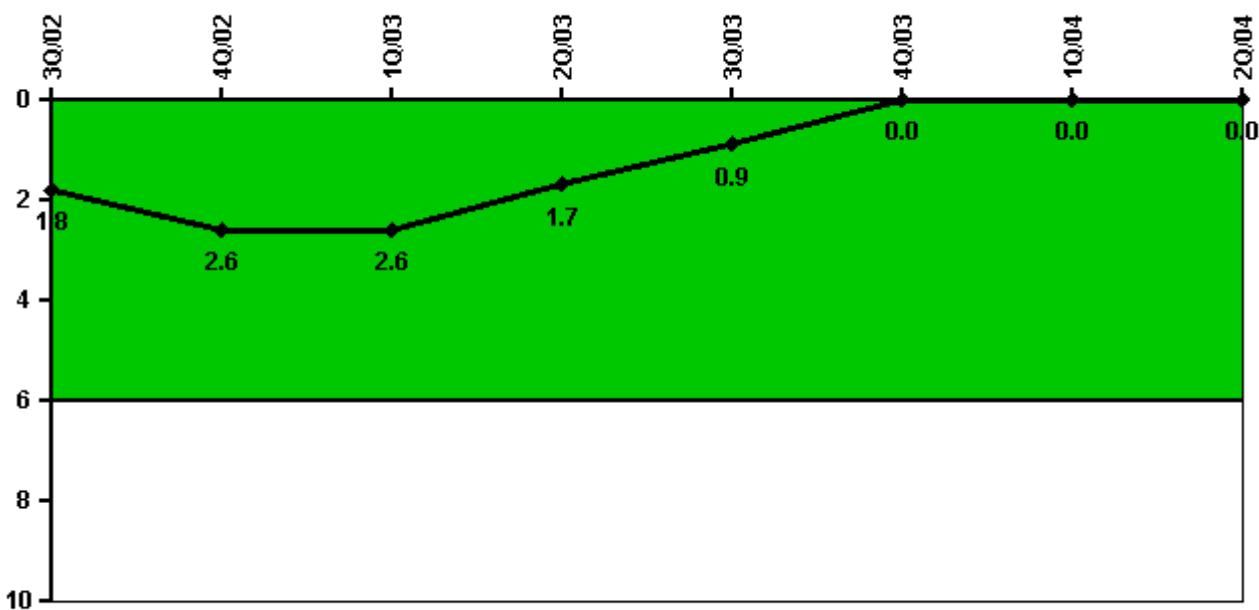
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/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	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



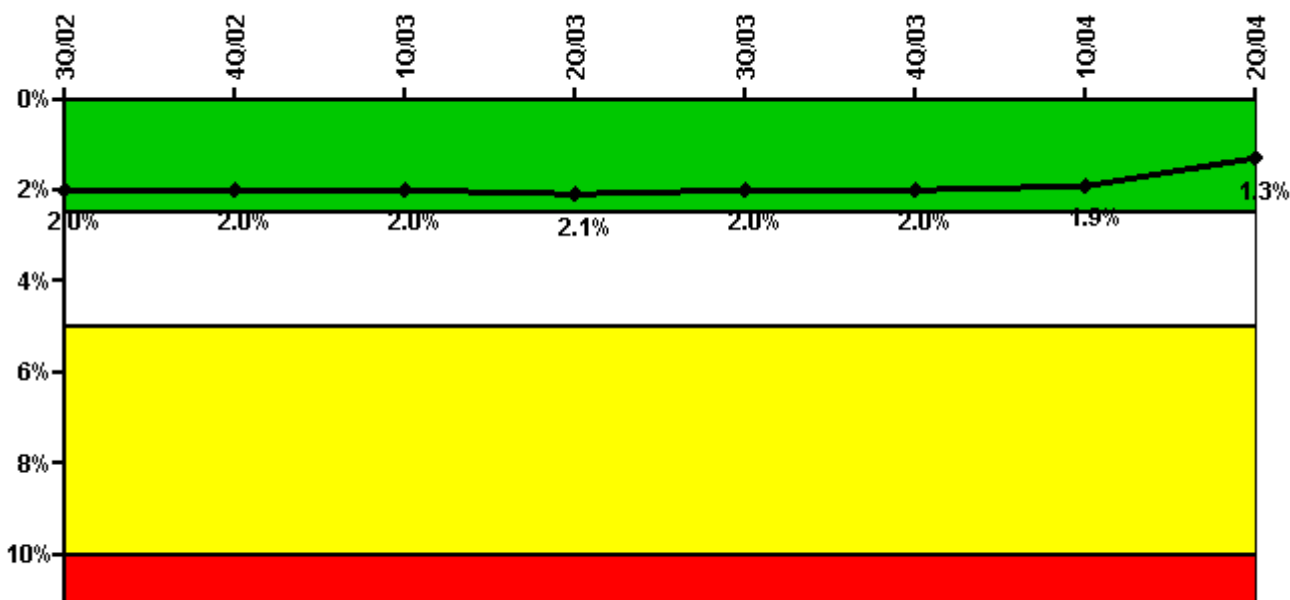
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Unplanned power changes	1.0	1.0	0	0	0	0	0	0
Critical hours	2208.0	2209.0	2160.0	1850.0	1821.6	1551.5	2184.0	2183.0
Indicator value	1.8	2.6	2.6	1.7	0.9	0	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



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

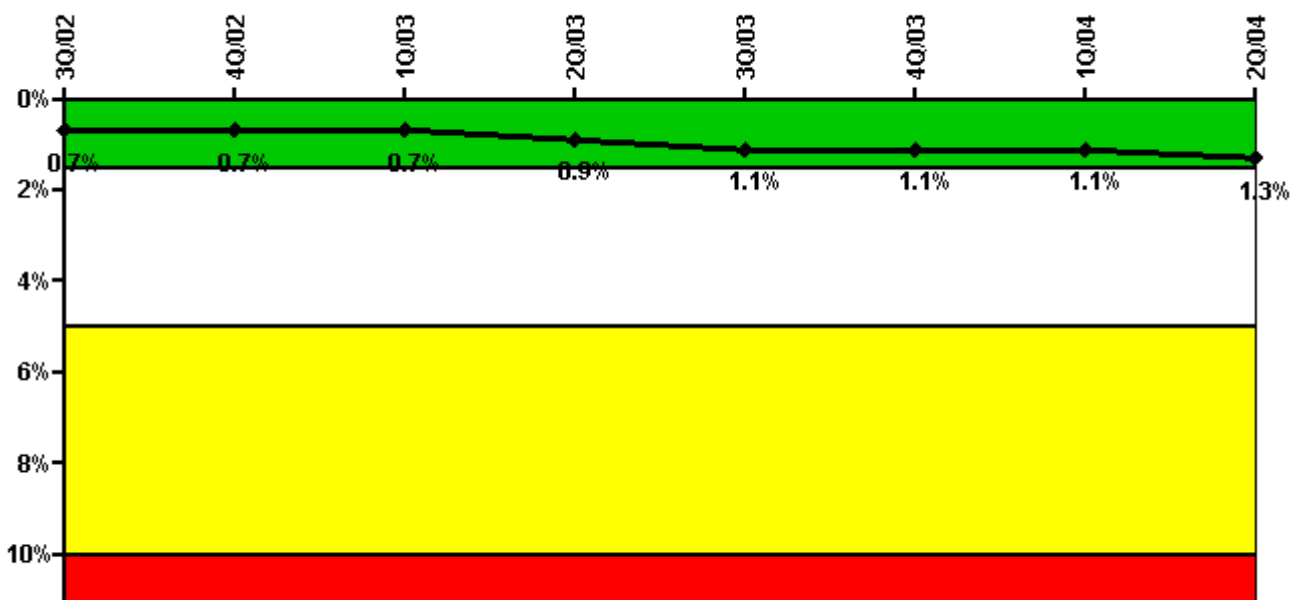
Notes

Safety System Unavailability, Emergency AC Power	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours	13.40	3.60	6.10	29.60	9.70	3.30	6.30	22.40
Unplanned unavailable hours	0	1.30	0	28.80	0	0	10.70	18.40
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	2209.00	2184.00	2183.00
Train 2								
Planned unavailable hours	6.10	7.20	7.20	56.80	9.30	5.60	4.80	28.10
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	2208.00	2209.00	2184.00	2183.00
Indicator value	2.0%	2.0%	2.0%	2.1%	2.0%	2.0%	1.9%	1.3%

Licensee Comments:

1Q/04: Revised unplanned unavailability hours on 07/12/04 to add an additional 3.4 hours due to re-evaluation of an unavailability event associated with EDG 2-01 Jacket Water Keep Warm Pump maintenance. No fault exposure was associated with this unavailability. This change did not impact the PI color.

Safety System Unavailability, High Pressure Injection System (HPSI)

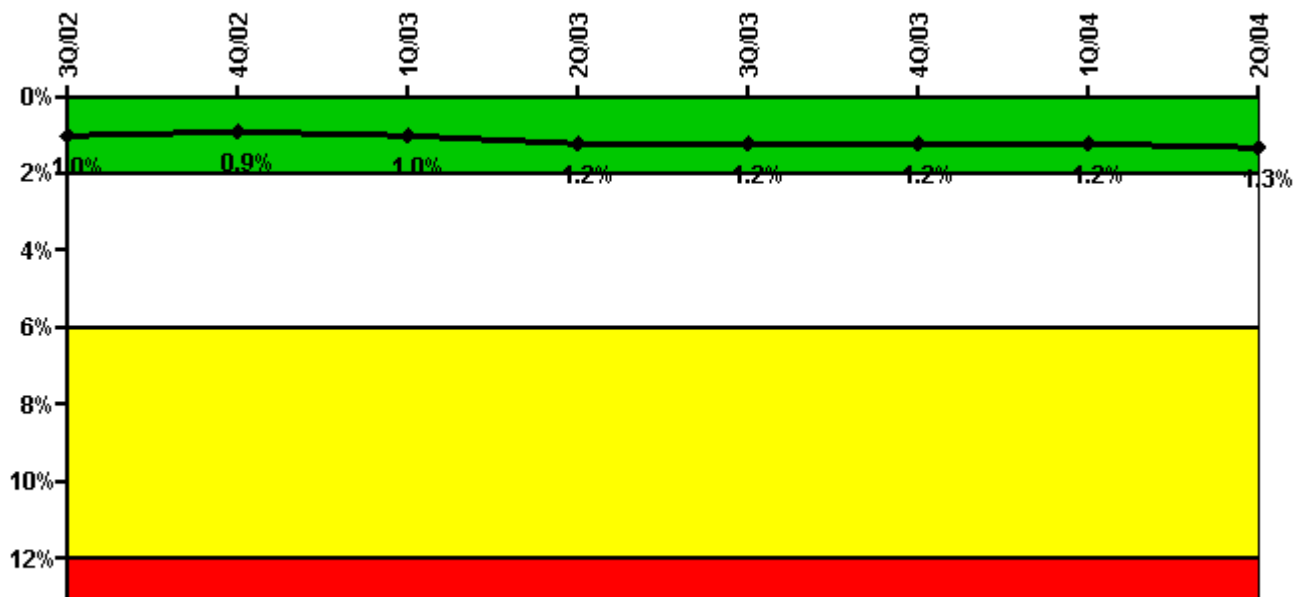


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

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	7.80	2.80	33.70	50.50	29.50	3.60	50.90	66.10
Unplanned unavailable hours	2.00	0.50	0	28.80	6.10	0.60	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	1850.00	1821.60	1551.45	2184.00	2183.00
Train 2								
Planned unavailable hours	9.40	4.30	27.10	46.20	57.80	10.30	20.50	56.20
Unplanned unavailable hours	0	0	0	0.80	0.60	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	1850.00	1821.60	1551.45	2184.00	2183.00
Train 3								
Planned unavailable hours	8.60	2.80	16.40	46.20	14.70	3.30	30.80	72.60
Unplanned unavailable hours	0	0.50	0	28.80	6.10	0.60	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	1850.00	1821.60	1551.45	2184.00	2183.00
Train 4								
Planned unavailable hours	9.70	4.30	22.80	45.50	32.50	12.10	20.50	47.50
Unplanned unavailable hours	0	0	0	0.80	0.60	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	1850.00	1821.60	1551.45	2184.00	2183.00
Indicator value	0.7%	0.7%	0.7%	0.9%	1.1%	1.1%	1.1%	1.3%

Safety System Unavailability, Heat Removal System (AFW)



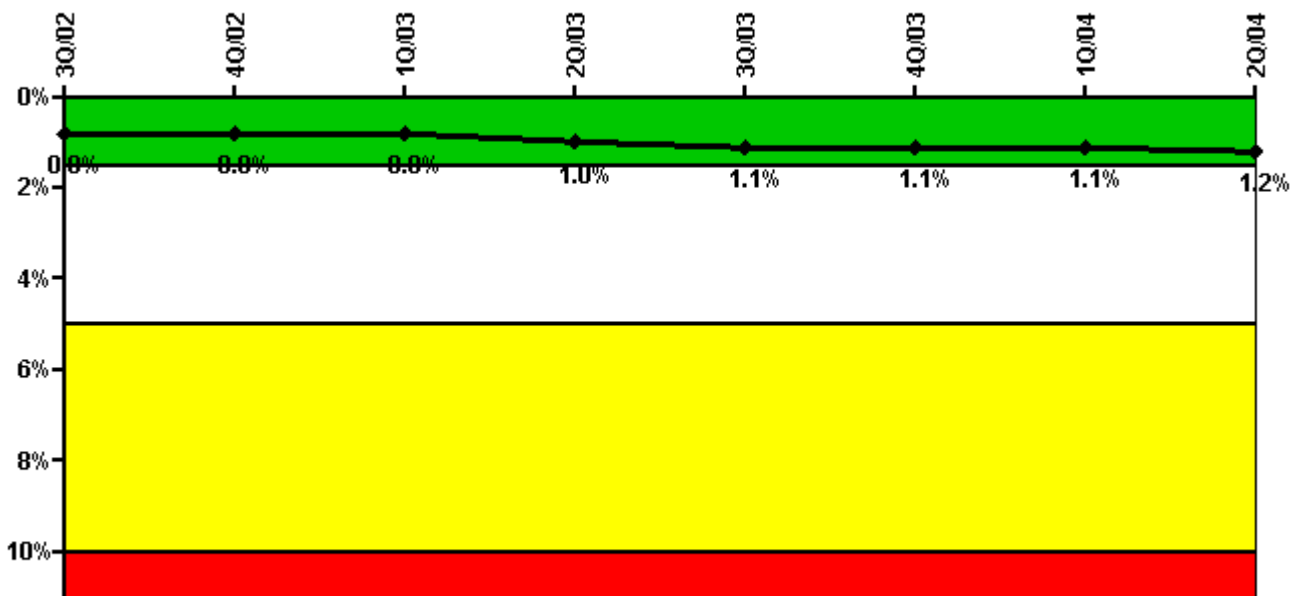
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

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	76.70	2.80	12.20	10.40	27.30	30.80	3.50	4.20
Unplanned unavailable hours	11.80	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	1850.00	1821.60	1551.45	2184.00	2183.00
Train 2								
Planned unavailable hours	10.50	3.40	18.50	48.70	15.70	5.00	29.60	66.80
Unplanned unavailable hours	0	0	0	28.80	6.10	0.60	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	1850.00	1821.60	1551.45	2184.00	2183.00
Train 3								
Planned unavailable hours	6.70	5.50	20.40	44.80	40.50	6.20	24.60	38.60
Unplanned unavailable hours	0	0	0	1.20	0.60	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	1850.00	1821.60	1551.45	2184.00	2183.00
Indicator value	1.0%	0.9%	1.0%	1.2%	1.2%	1.2%	1.2%	1.3%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



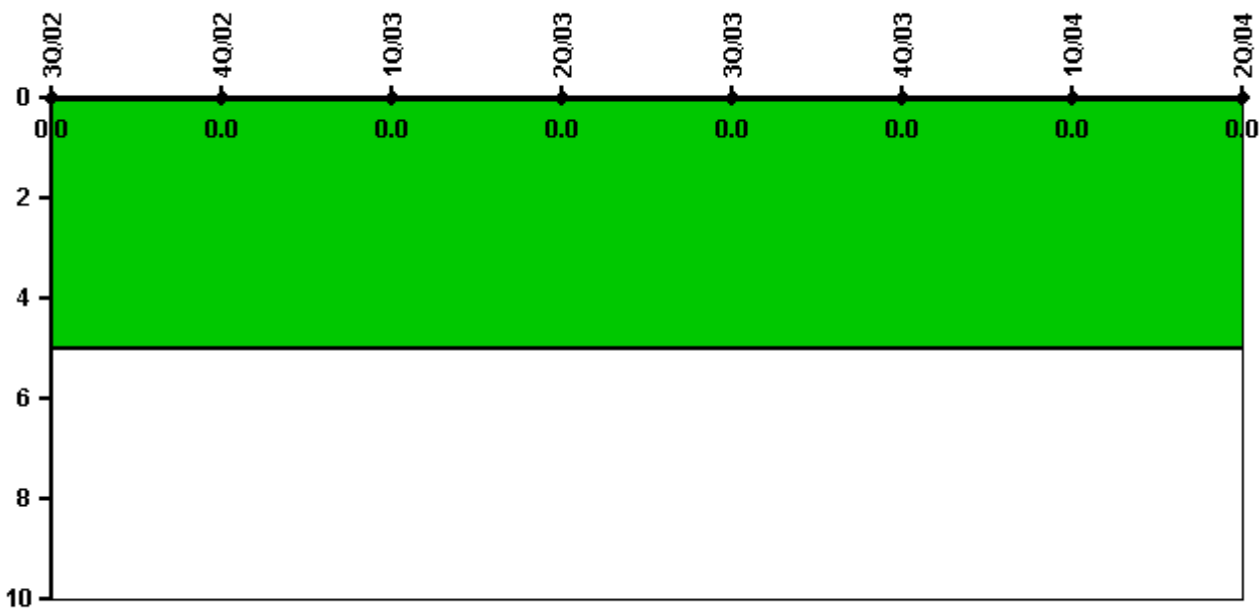
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

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	21.70	3.50	16.40	34.90	26.50	4.60	42.40	75.20
Unplanned unavailable hours	0	0	0	28.80	6.10	0.60	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	2209.00	2184.00	2183.00
Train 2								
Planned unavailable hours	16.60	6.40	22.10	47.90	31.00	5.40	33.60	38.70
Unplanned unavailable hours	0	0	0	0.80	0.60	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	2209.00	2184.00	2183.00
Indicator value	0.8%	0.8%	0.8%	1.0%	1.1%	1.1%	1.1%	1.2%

Licensee Comments: none

Safety System Functional Failures (PWR)



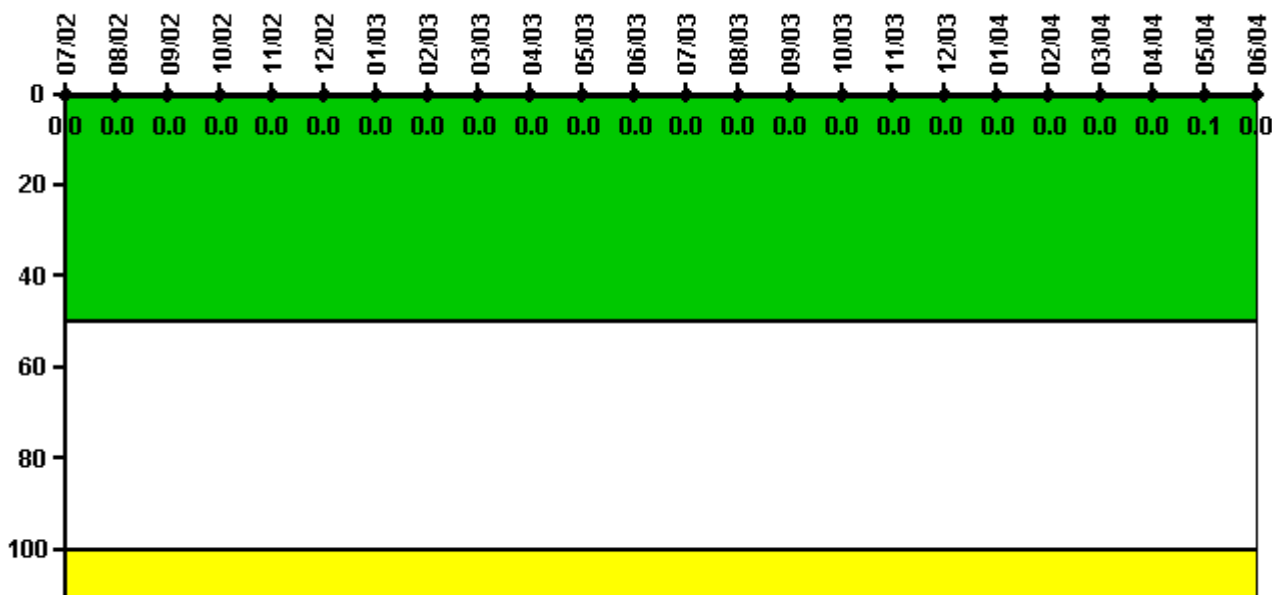
Thresholds: White > 5.0

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	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



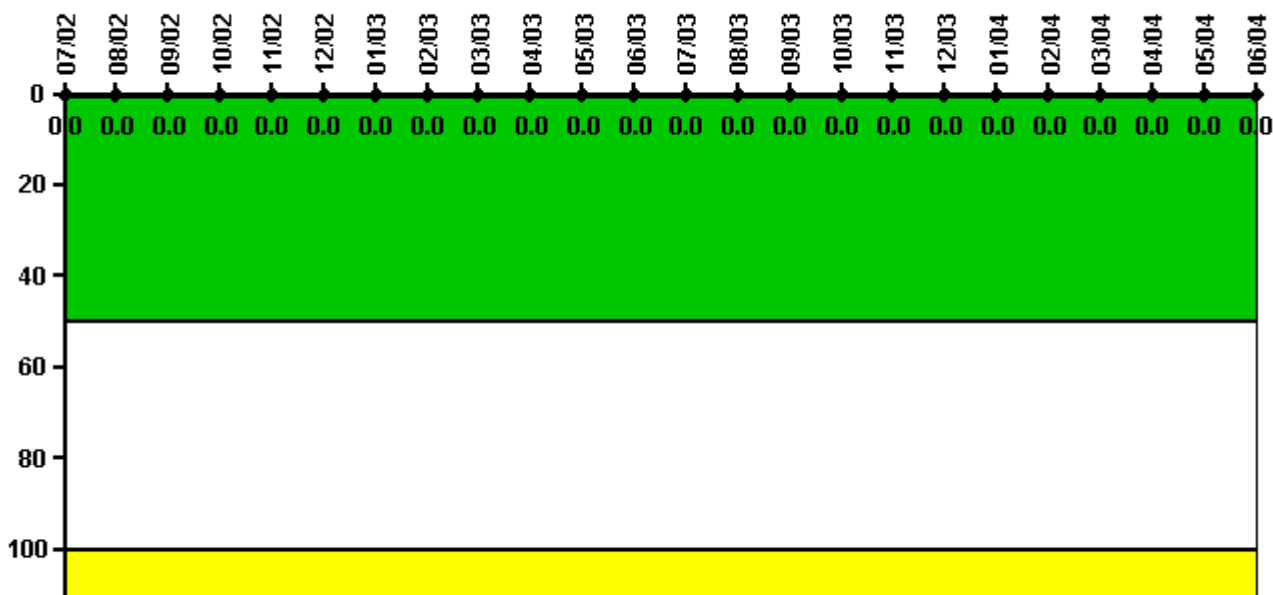
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	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	0.000108	0.000120	0.000115	0.000133	0.000124	0.000149	0.000142	0.000127	0.000151	0.000156	0.000179	0.000143
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
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	0.000140	0.000150	0.000162	0.000125	0.000167	0.000169	0.000167	0.000208	0.000179	0.000212	0.000228	0.000210
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0	0	0	0	0	0	0	0	0	0	0.1	0

Licensee Comments: none

Reactor Coolant System Leakage



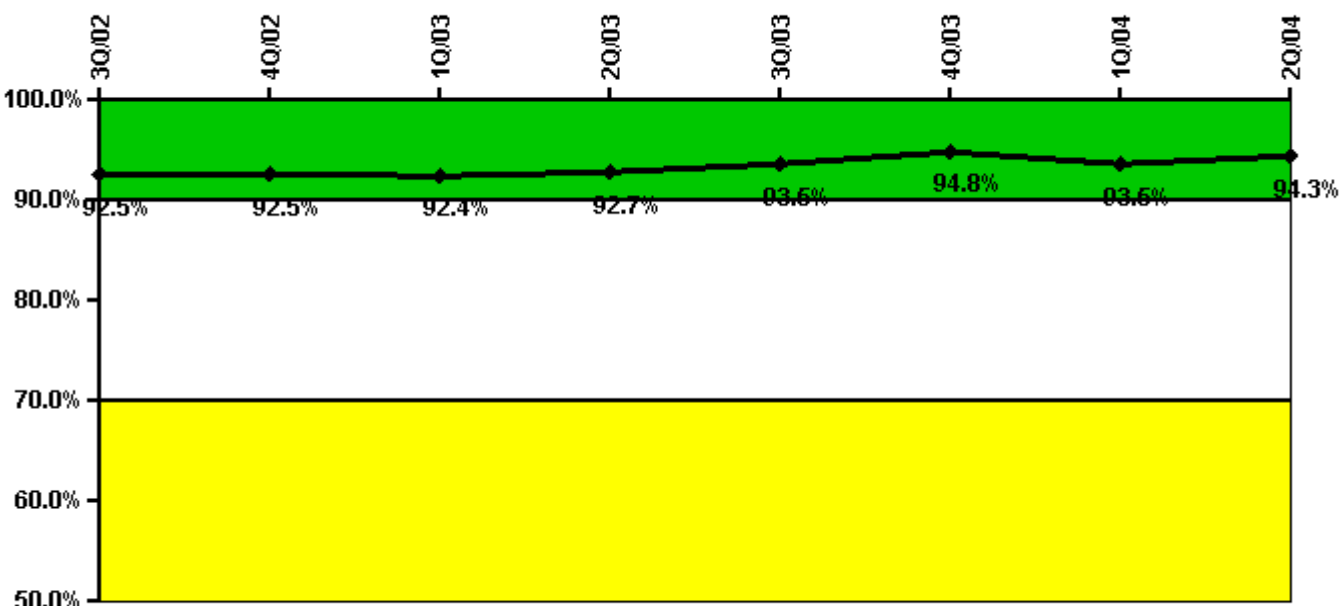
Thresholds: White > 50.0 Yellow > 100.0

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	0	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

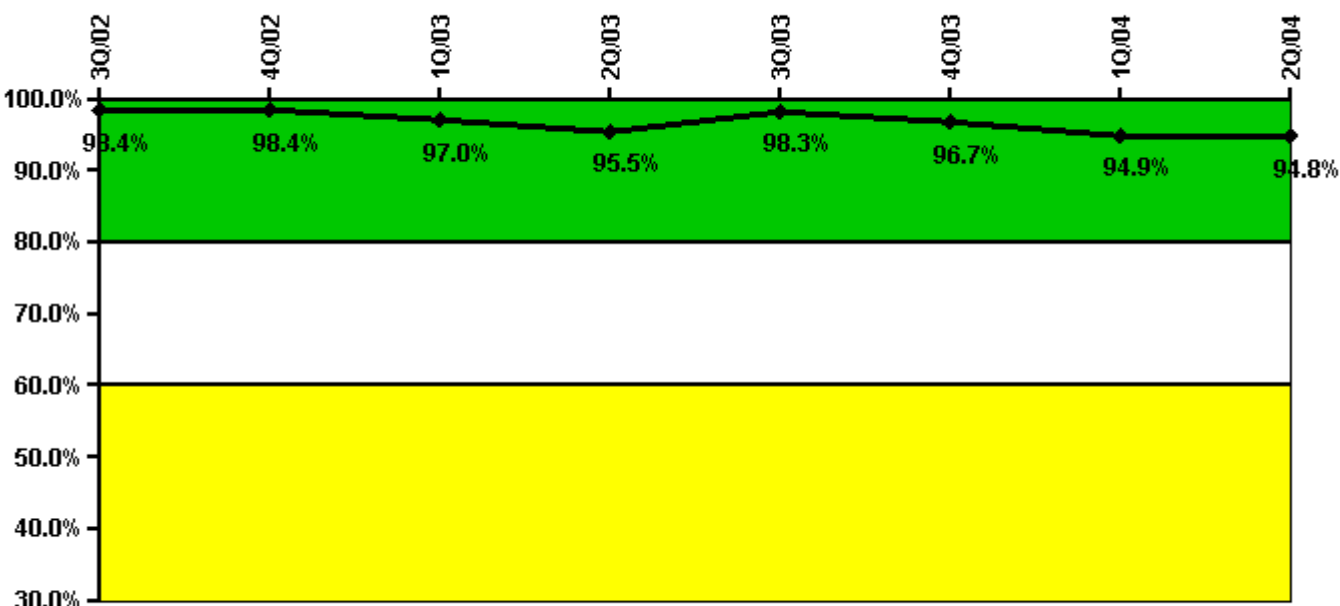
Notes

Drill/Exercise Performance	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Successful opportunities	40.0	0	9.0	6.0	52.0	12.0	7.0	6.0
Total opportunities	42.0	0	10.0	6.0	54.0	12.0	10.0	6.0
Indicator value	92.5%	92.5%	92.4%	92.7%	93.5%	94.8%	93.5%	94.3%

Licensee Comments:

1Q/04: Additional review indicated that another opportunity for drill performance should have been counted. This changed the number of successful opportunities from 6 to 7; and total opportunities from 9 to 10. This change to first quarter data improved the PI Metric and did not result in a change in PI color.

ERO Drill Participation



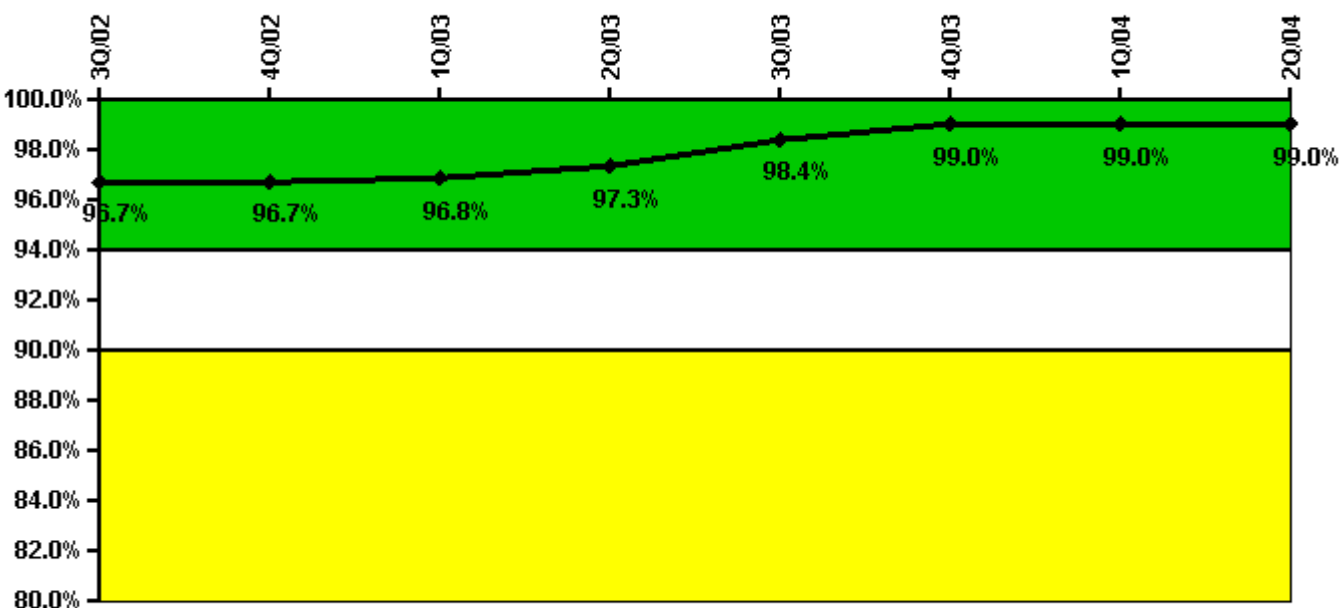
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Participating Key personnel	63.0	63.0	64.0	64.0	59.0	58.0	56.0	55.0
Total Key personnel	64.0	64.0	66.0	67.0	60.0	60.0	59.0	58.0
Indicator value	98.4%	98.4%	97.0%	95.5%	98.3%	96.7%	94.9%	94.8%

Licensee Comments: none

Alert & Notification System



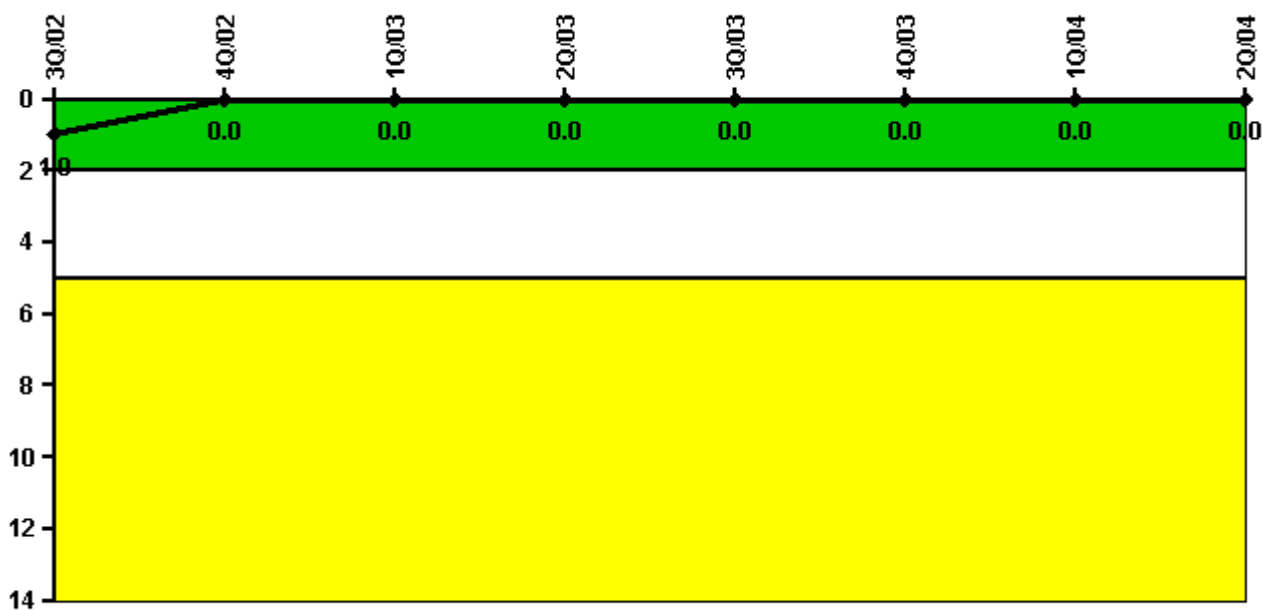
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Successful siren-tests	188	194	203	206	206	206	206	209
Total sirens-tests	198	201	207	207	207	208	210	210
Indicator value	96.7%	96.7%	96.8%	97.3%	98.4%	99.0%	99.0%	99.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



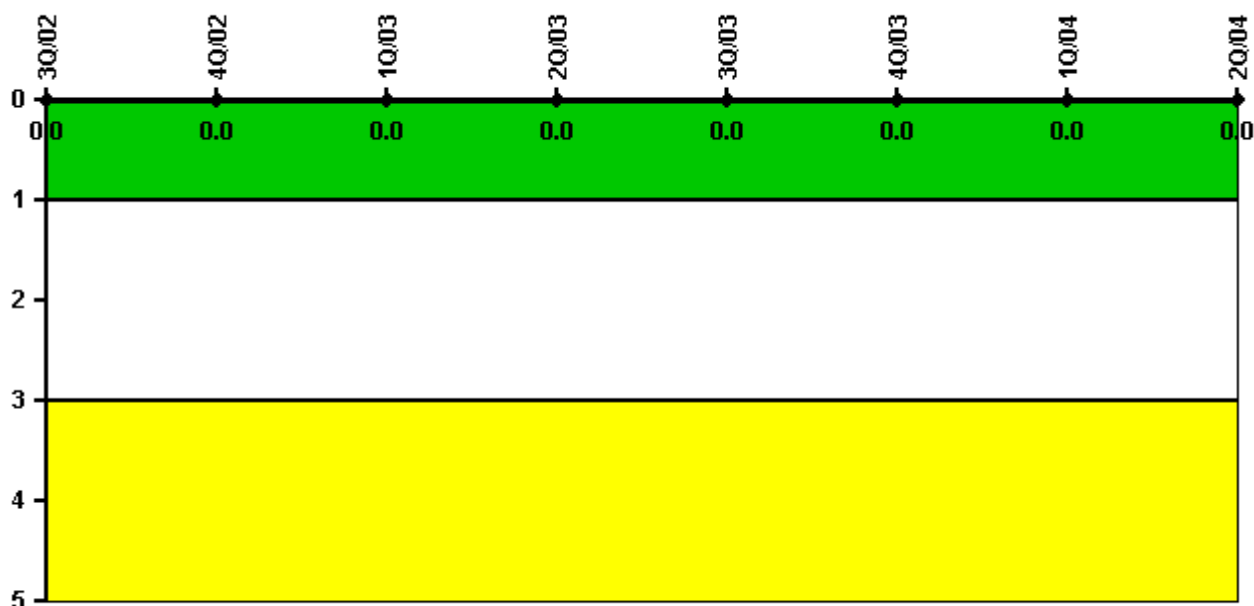
Thresholds: White > 2.0 Yellow > 5.0

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	1	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