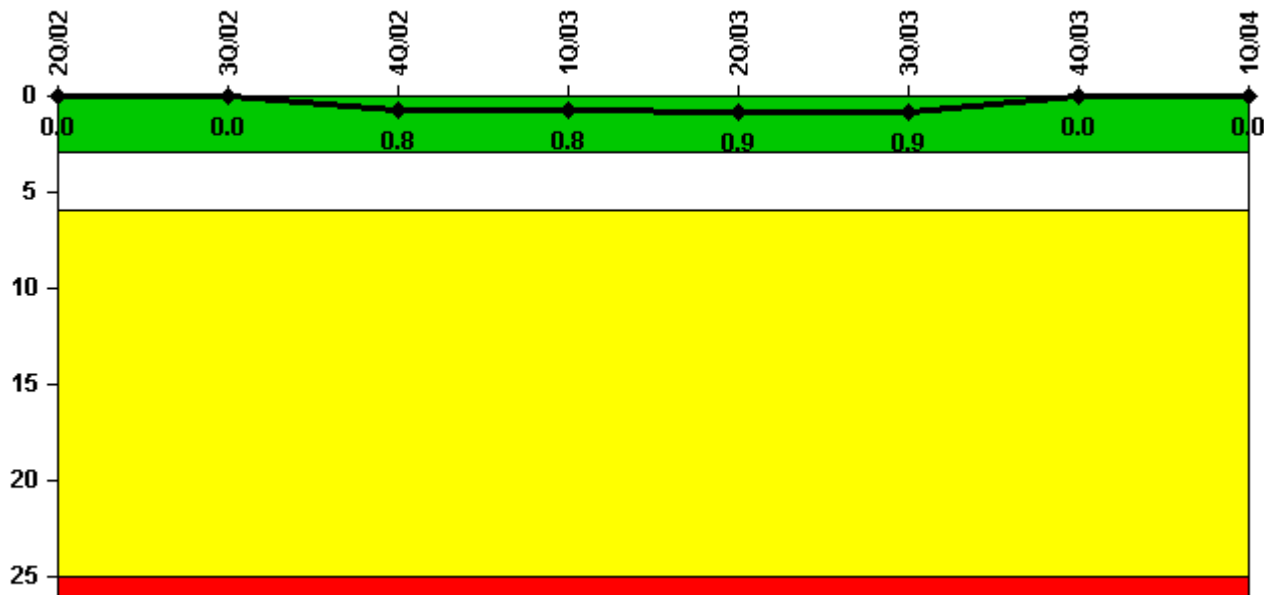


Palisades

1Q/2004 Performance Indicators

Licensee's General Comments: Data submitted for 4th quarter 2003 was missing one opportunity and one success.

Unplanned Scrams per 7000 Critical Hrs



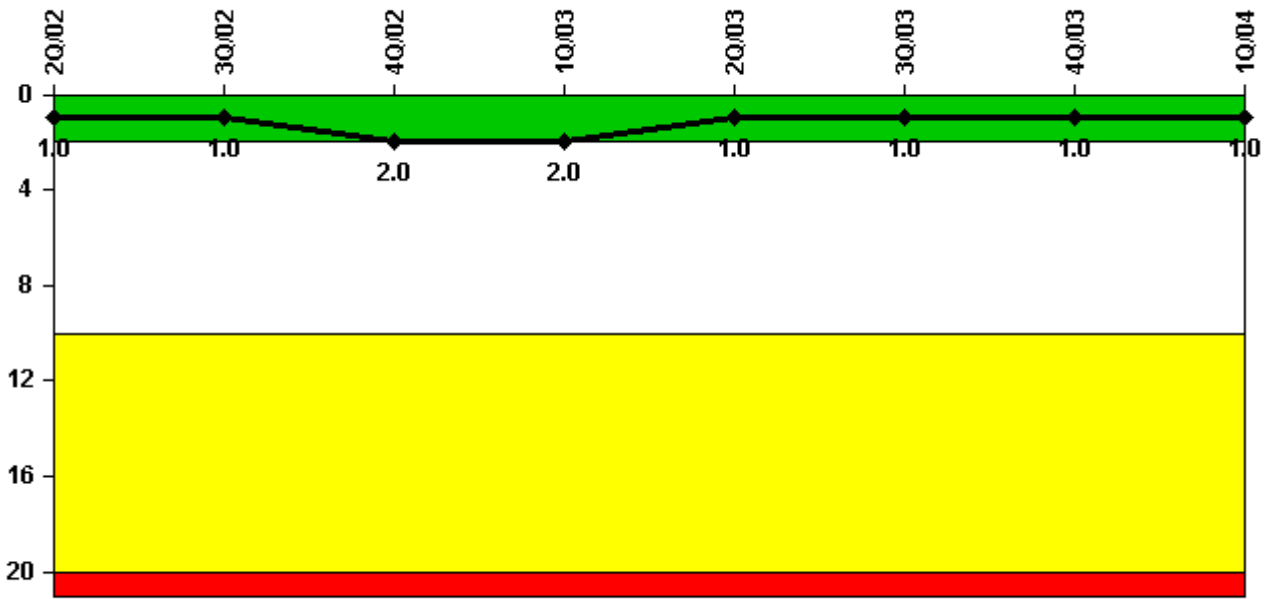
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Unplanned scrams	0	0	1.0	0	0	0	0	0
Critical hours	2183.0	2208.0	2142.1	1782.4	1743.9	2208.0	2209.0	2184.0
Indicator value	0	0	0.8	0.8	0.9	0.9	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



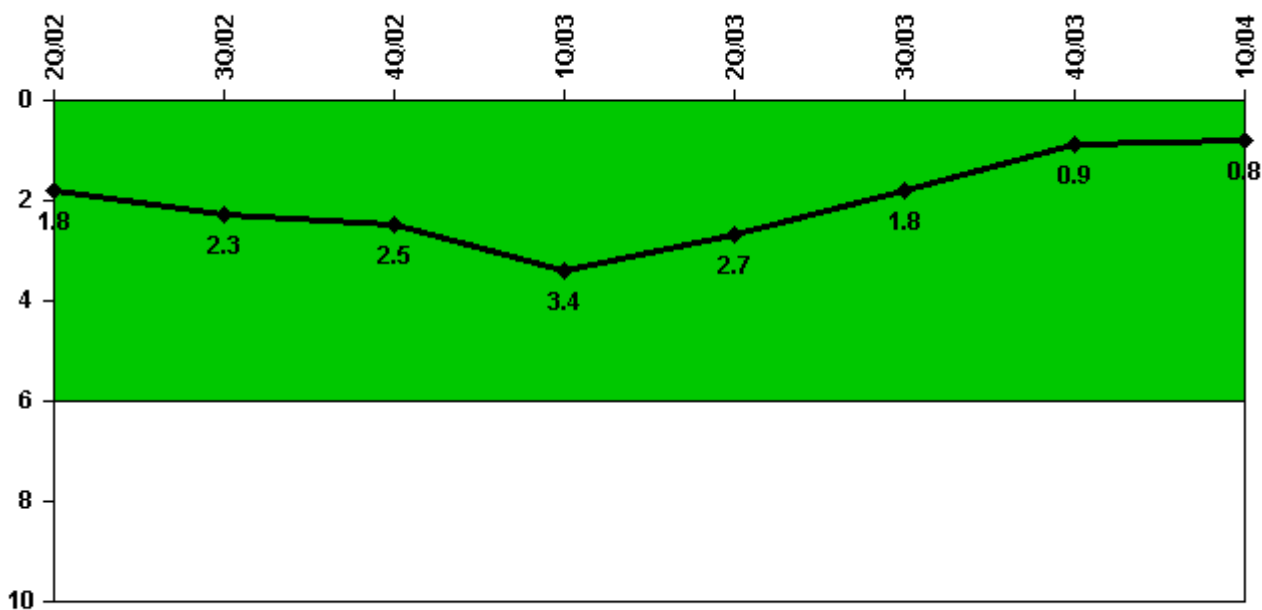
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Scrams	0	0	1.0	0	0	0	0	0
Indicator value	1.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



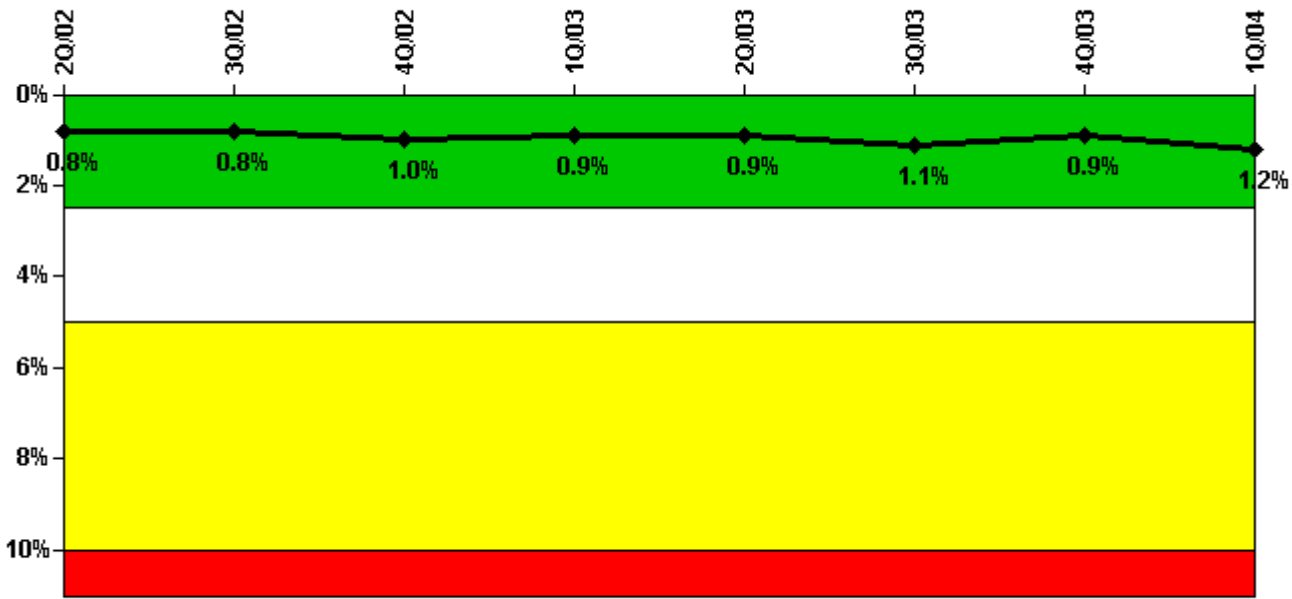
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Unplanned power changes	1.0	1.0	1.0	1.0	0	0	0	1.0
Critical hours	2183.0	2208.0	2142.1	1782.4	1743.9	2208.0	2209.0	2184.0
Indicator value	1.8	2.3	2.5	3.4	2.7	1.8	0.9	0.8

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



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

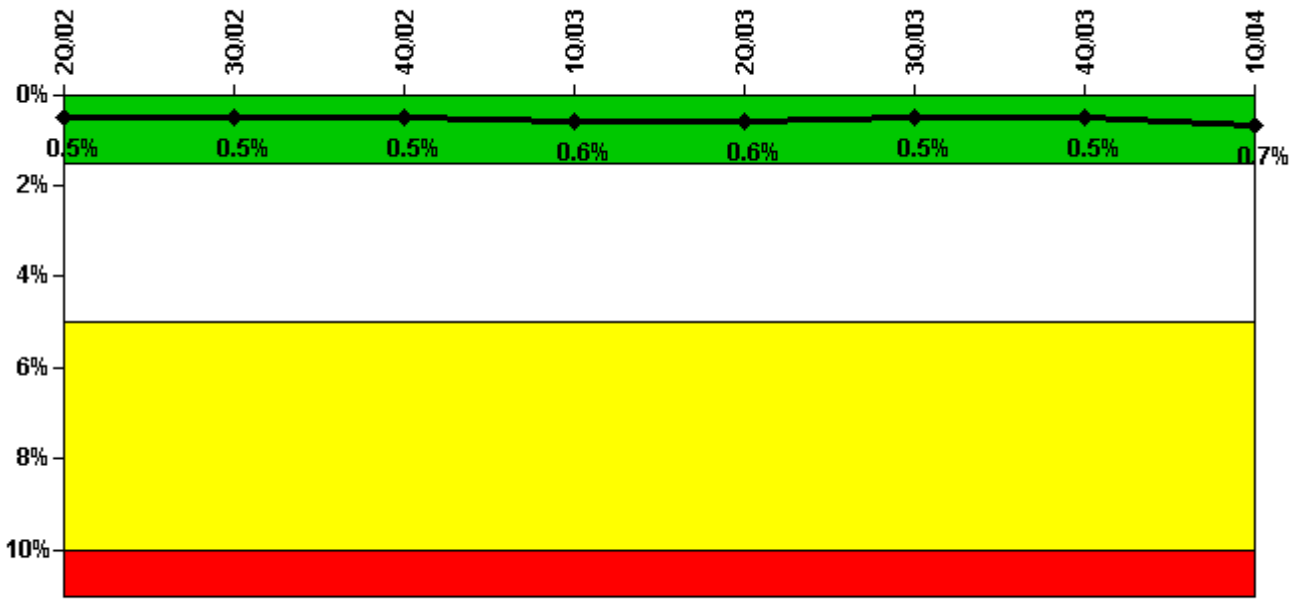
Notes

Safety System Unavailability, Emergency AC Power	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	47.22	3.75	64.58	7.33	12.80	33.60	0.64	104.05
Unplanned unavailable hours	0	5.72	5.07	5.57	0	11.20	46.35	0
Fault exposure hours	0	4.57	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	2183.00	2208.00	2209.00	2184.00
Train 2								
Planned unavailable hours	0.57	3.23	84.63	2.67	17.57	42.75	0.47	0.96
Unplanned unavailable hours	0	32.32	0	15.77	0	0	0	48.40
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00
Indicator value	0.8%	0.8%	1.0%	0.9%	0.9%	1.1%	0.9%	1.2%

Licensee Comments:

1Q/04: 262 hours of T/2 fault exposure hours is reported from the time of completion of the February surveillance test on 2/24/2004 to the time of discovery on 3/17/2004. Train 2 was shutdown during a surveillance test because of a failure that would have prevented the EDG from satisfying the surveillance criteria.

Safety System Unavailability, High Pressure Injection System (HPSI)



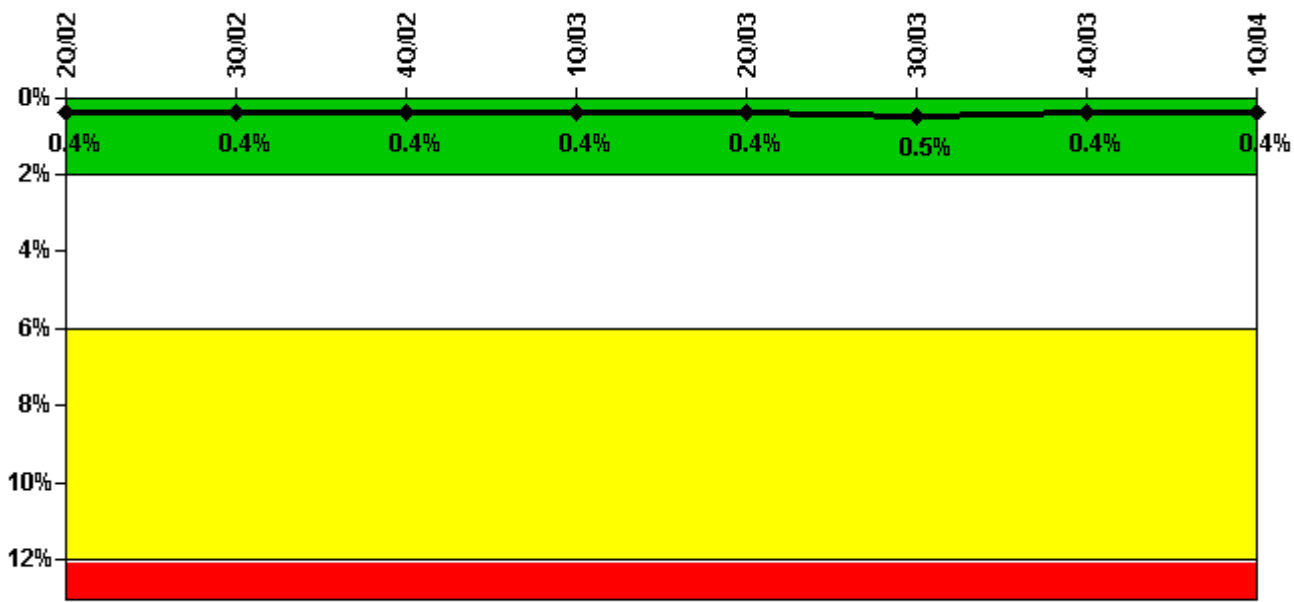
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	0	6.06	0.68	18.96	12.78	0	8.08	46.50
Unplanned unavailable hours	0	0	18.22	0	0	0	4.25	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	1795.10	1777.52	2208.00	2209.00	2184.00
Train 2								
Planned unavailable hours	23.08	0.37	4.22	6.29	0	2.40	0.47	30.65
Unplanned unavailable hours	0	0	0	0	0	43.57	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	1795.10	1777.52	2208.00	2209.00	2184.00
Indicator value	0.5%	0.5%	0.5%	0.6%	0.6%	0.5%	0.5%	0.7%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



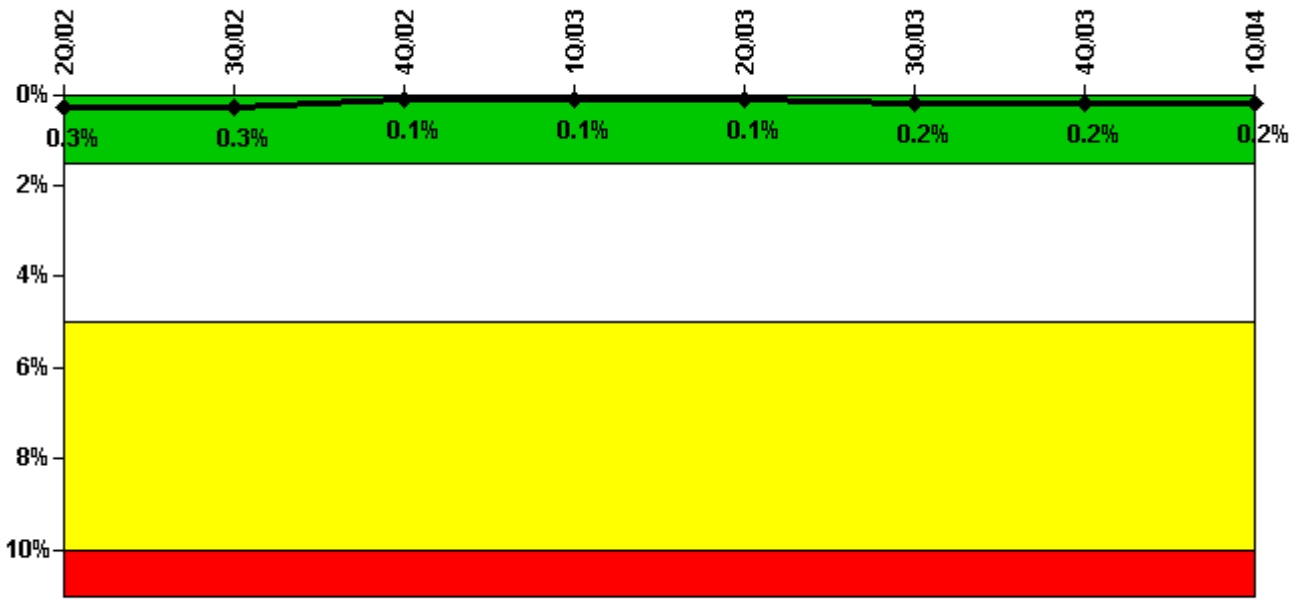
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	2.48	6.18	5.38	1.42	1.27	25.78	2.01	1.64
Unplanned unavailable hours	0	0	0	0.32	0	25.37	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	1795.10	1777.52	2208.00	2209.00	2184.00
Train 2								
Planned unavailable hours	3.55	6.18	2.06	1.88	15.51	18.57	2.05	6.97
Unplanned unavailable hours	0	0	0	0.32	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	1795.10	1777.52	2208.00	2209.00	2184.00
Train 3								
Planned unavailable hours	0.73	12.72	0.95	10.15	35.80	1.82	15.91	22.02
Unplanned unavailable hours	0	0	0	0.18	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	1795.10	1777.52	2208.00	2209.00	2184.00
Indicator value	0.4%	0.4%	0.4%	0.4%	0.4%	0.5%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



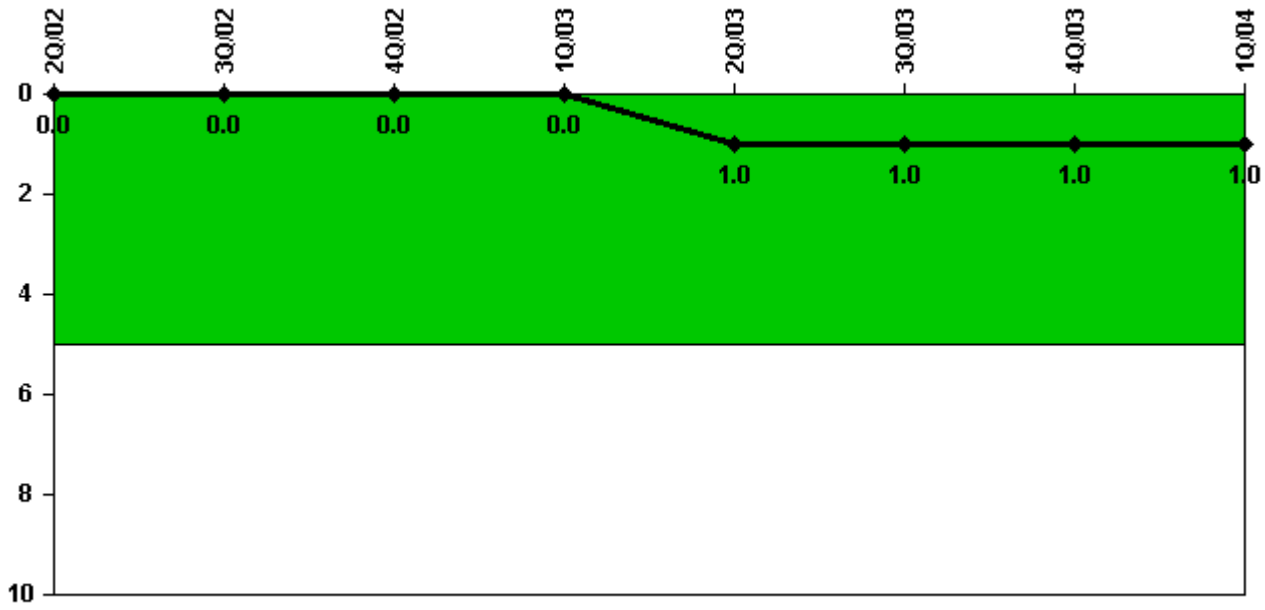
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	0.92	1.01	8.20	17.59	0.90	62.65	3.65	1.12
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	1795.10	1777.52	2208.00	2209.00	2184.00
Train 2								
Planned unavailable hours	0.66	0	0	3.38	0	0.05	0.47	0
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	1795.10	1777.52	2208.00	2209.00	2184.00
Train 3								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0.33	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	0	0	0	364.90	295.68	0	0	0
Train 4								
Planned unavailable hours	0	0	0	9.77	0	0	0	0
Unplanned unavailable hours	0	0	0	0.33	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	0	0	0	364.90	343.66	0	0	0
Indicator value	0.3%	0.3%	0.1%	0.1%	0.1%	0.2%	0.2%	0.2%

Licensee Comments: none

Safety System Functional Failures (PWR)



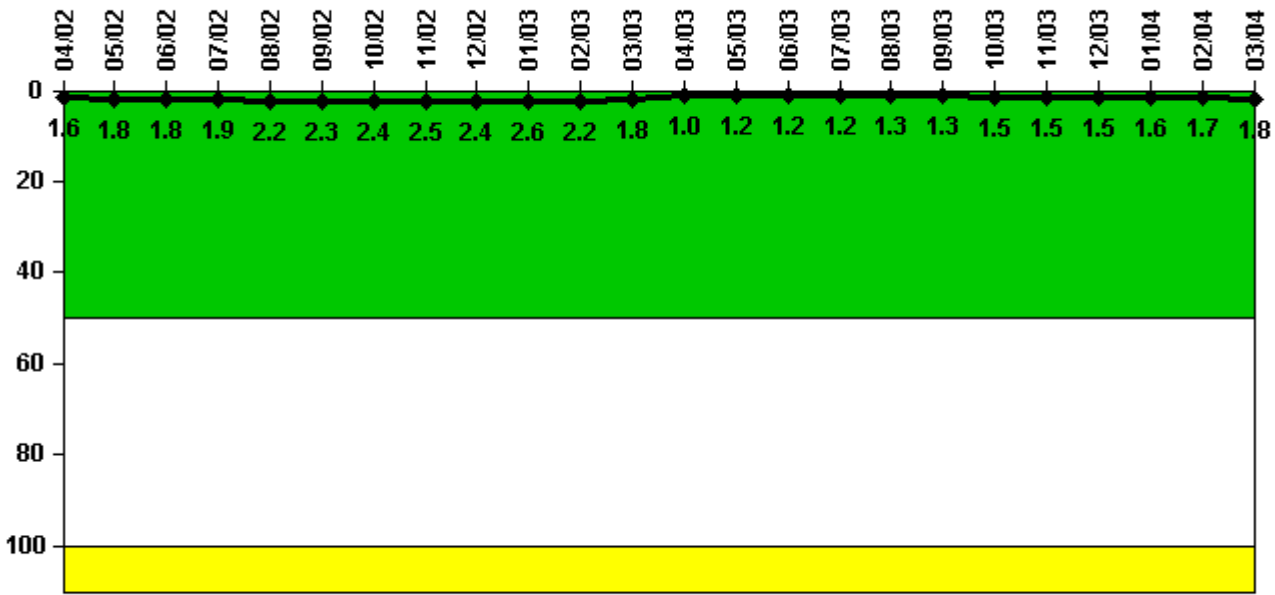
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

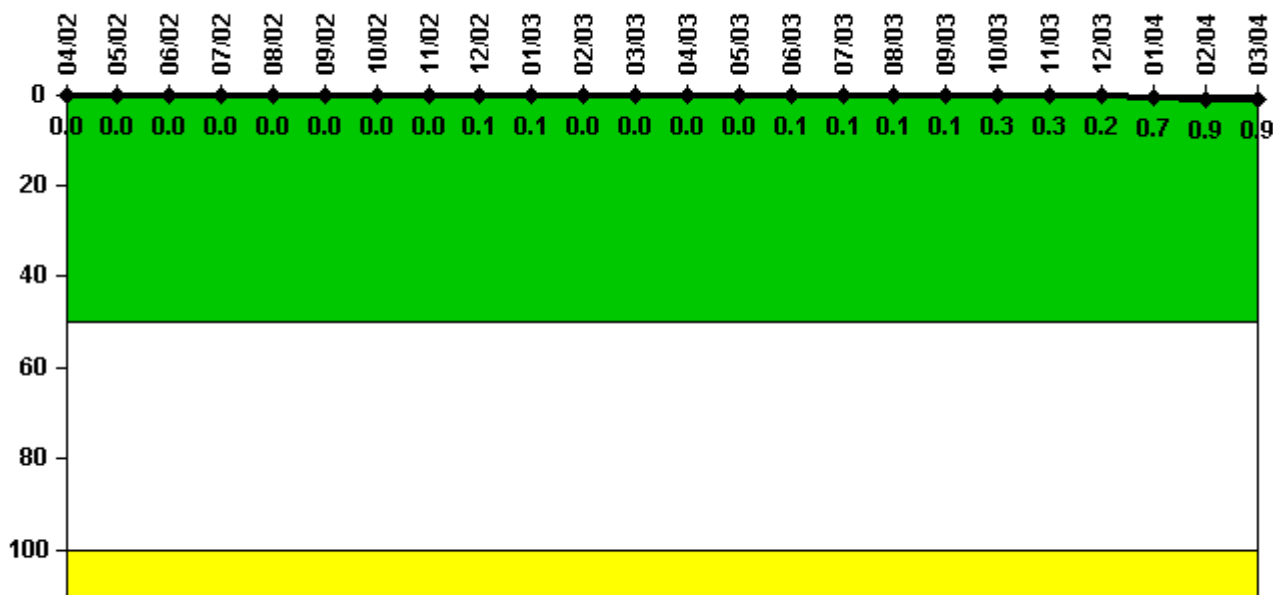
Notes

Reactor Coolant System Activity	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03
Maximum activity	0.016300	0.018100	0.018100	0.019300	0.021700	0.022700	0.023500	0.024700	0.024400	0.026000	0.022200	0.017900
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	1.6	1.8	1.8	1.9	2.2	2.3	2.4	2.5	2.4	2.6	2.2	1.8

Reactor Coolant System Activity	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04
Maximum activity	0.009580	0.011800	0.011600	0.012200	0.012800	0.013300	0.014600	0.014900	0.015400	0.016100	0.016600	0.018400
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	1.0	1.2	1.2	1.2	1.3	1.3	1.5	1.5	1.5	1.6	1.7	1.8

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

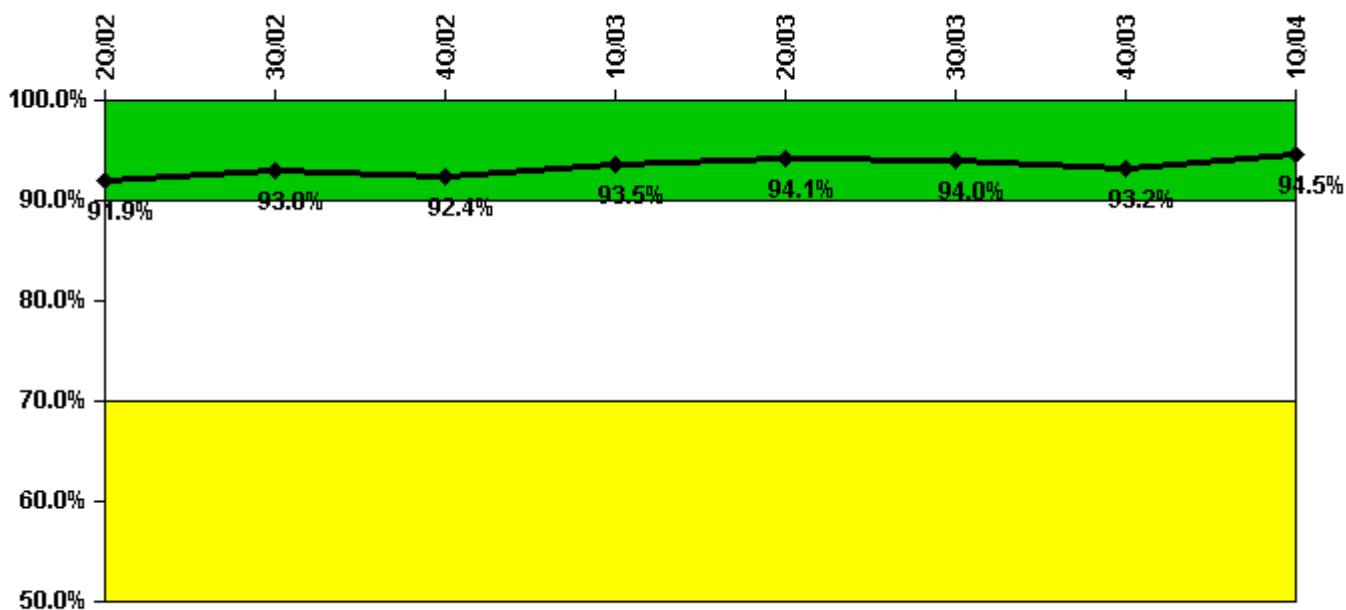
Notes

Reactor Coolant System Leakage	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03
Maximum leakage	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.005	0.005	0.001	0.001
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	0.1	0.1	0	0

Reactor Coolant System Leakage	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04
Maximum leakage	0.002	0.002	0.007	0.013	0.013	0.011	0.029	0.026	0.018	0.073	0.085	0.094
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	0.1	0.1	0.1	0.1	0.3	0.3	0.2	0.7	0.9	0.9

Licensee Comments: none

Drill/Exercise Performance



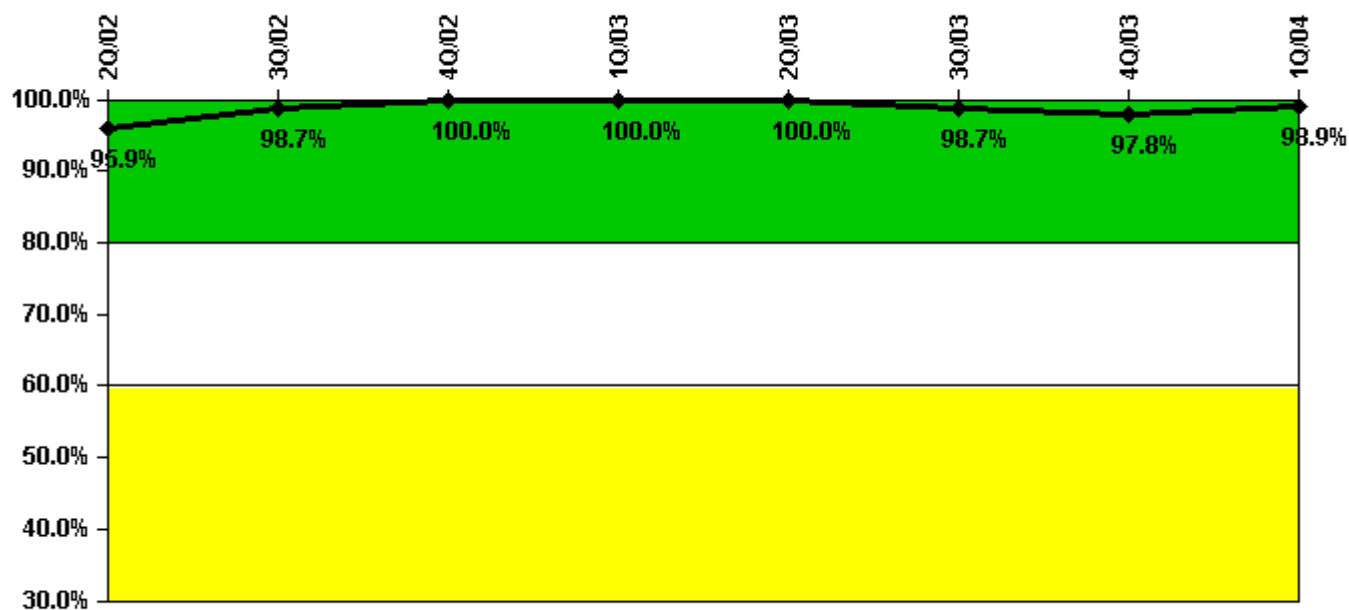
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Successful opportunities	69.0	11.0	24.0	38.0	18.0	45.0	28.0	23.0
Total opportunities	72.0	11.0	26.0	39.0	18.0	48.0	32.0	25.0
Indicator value	91.9%	93.0%	92.4%	93.5%	94.1%	94.0%	93.2%	94.5%

Licensee Comments: none

ERO Drill Participation



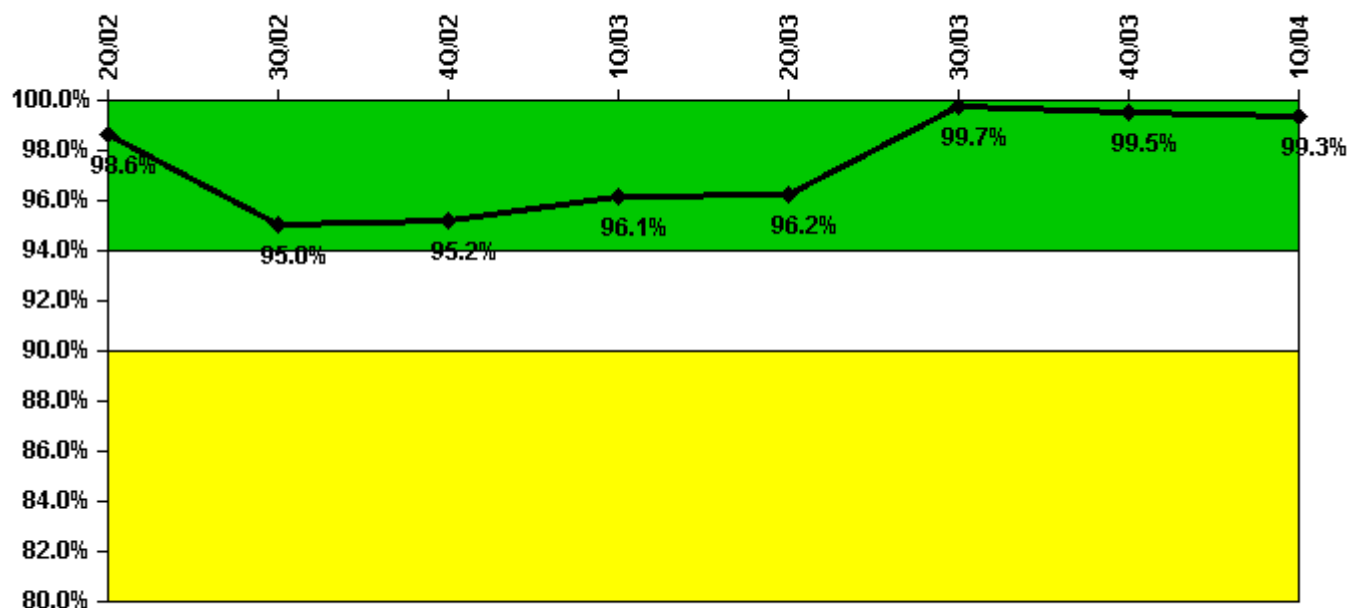
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Participating Key personnel	71.0	74.0	76.0	75.0	72.0	74.0	90.0	86.0
Total Key personnel	74.0	75.0	76.0	75.0	72.0	75.0	92.0	87.0
Indicator value	95.9%	98.7%	100.0%	100.0%	100.0%	98.7%	97.8%	98.9%

Licensee Comments: none

Alert & Notification System



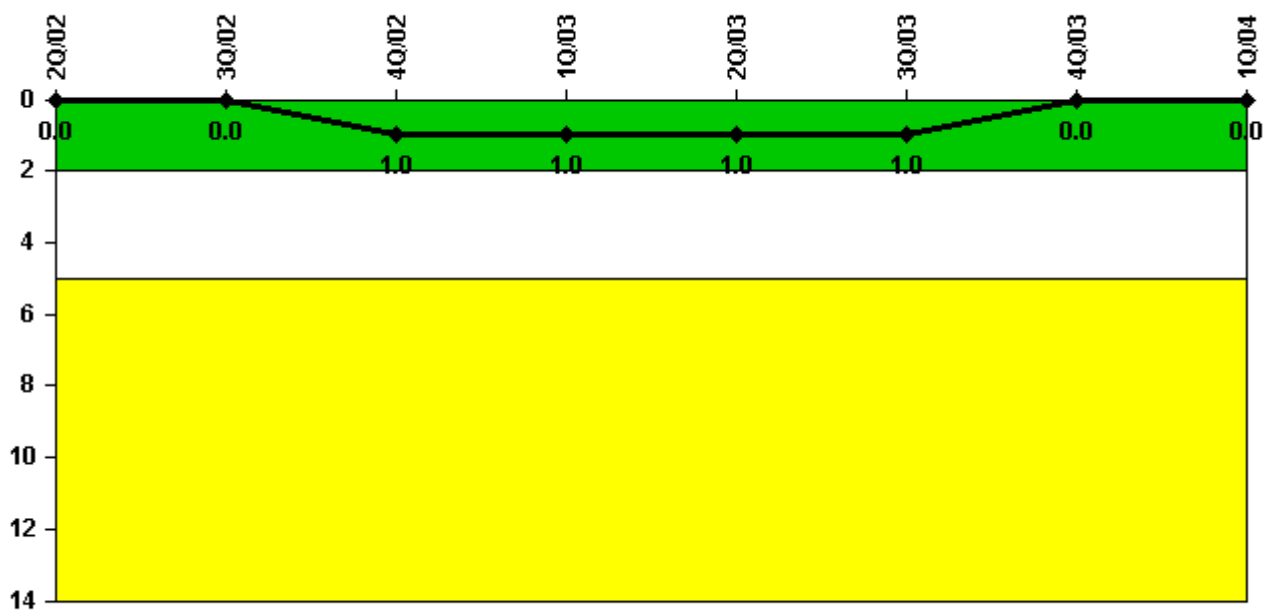
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Successful siren-tests	247	210	252	486	182	183	181	181
Total sirens-tests	252	252	252	488	183	183	183	183
Indicator value	98.6%	95.0%	95.2%	96.1%	96.2%	99.7%	99.5%	99.3%

Licensee Comments: none

Occupational Exposure Control Effectiveness



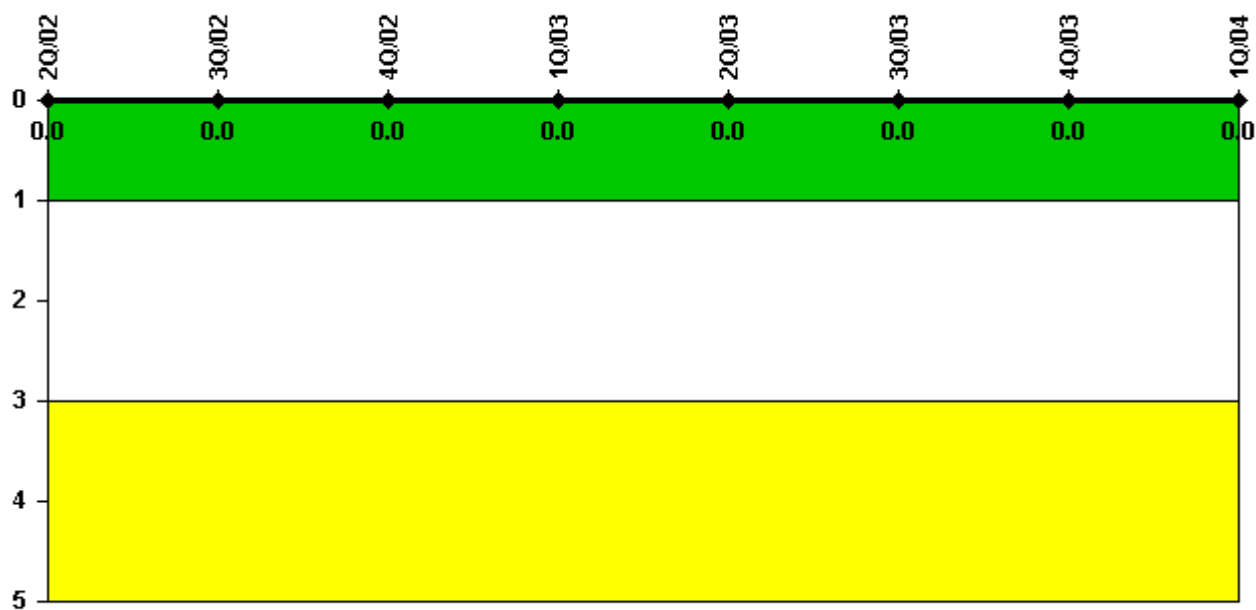
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/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	1	0	0	0	0	0
Indicator value	0	0	1	1	1	1	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



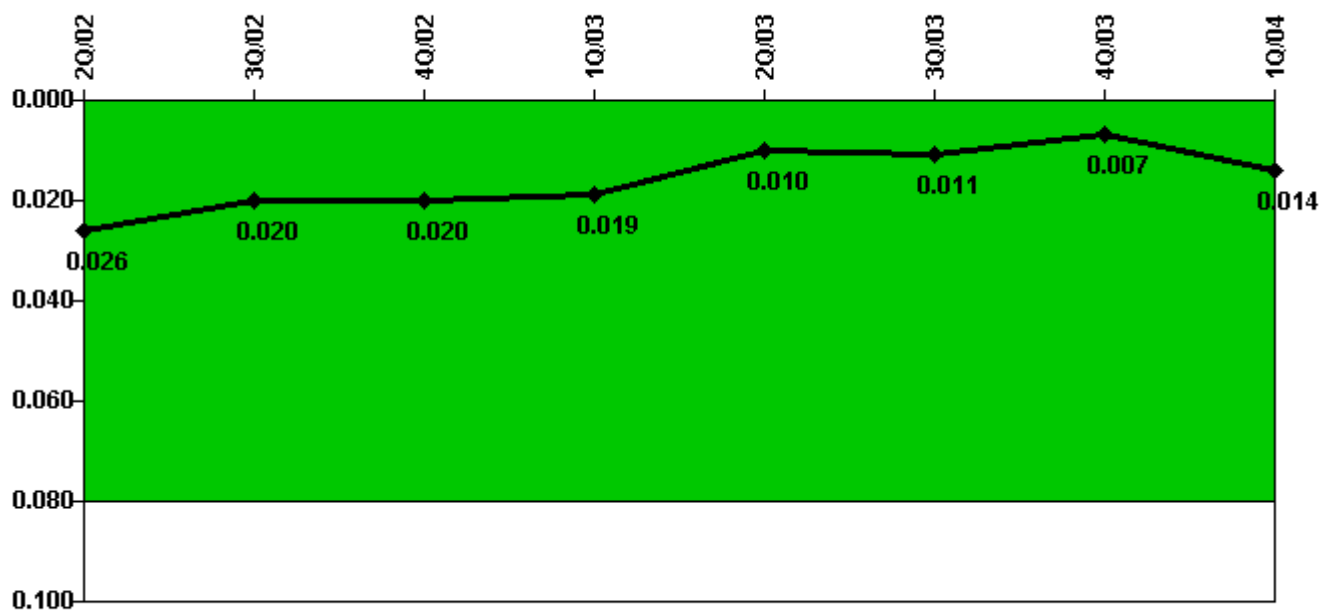
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/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

Protected Area Security Performance Index



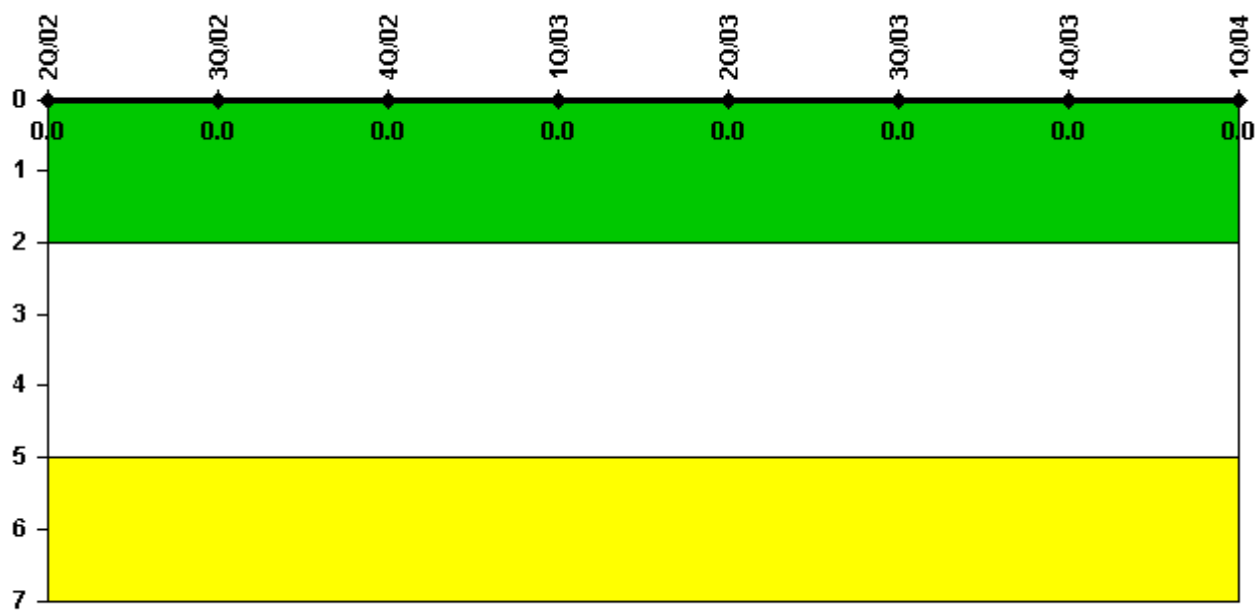
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
IDS compensatory hours	279.20	22.20	137.42	35.02	53.18	63.92	37.83	204.87
CCTV compensatory hours	0	0	0	0	0	0	0	0
IDS normalization factor	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.45
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.026	0.020	0.020	0.019	0.010	0.011	0.007	0.014

Licensee Comments: none

Personnel Screening Program



Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Program failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Program Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

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Last Modified: April 22, 2004