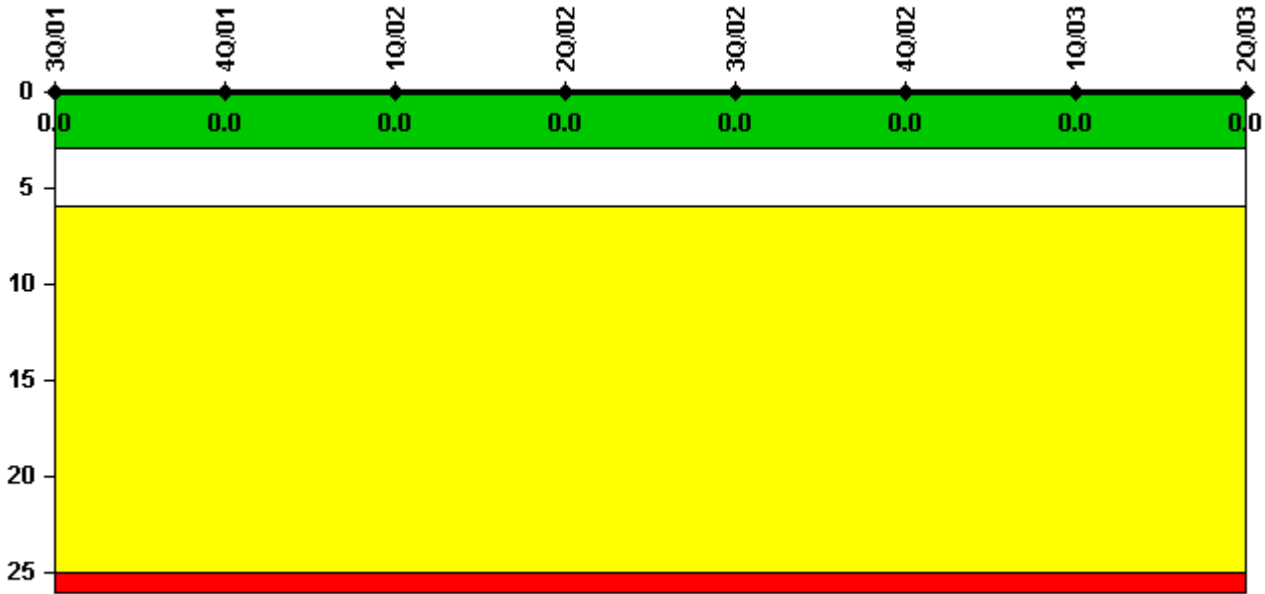


Braidwood 1

2Q/2003 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



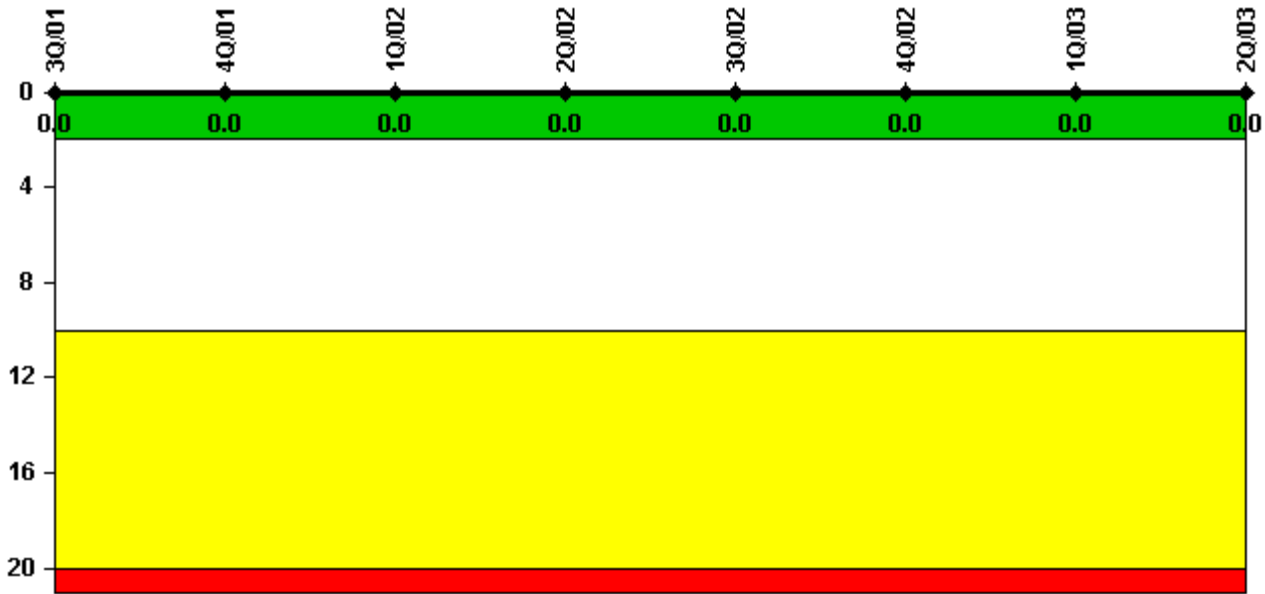
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	1992.0	1952.7	2160.0	2183.0	2208.0	2209.0	2160.0	1786.1
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



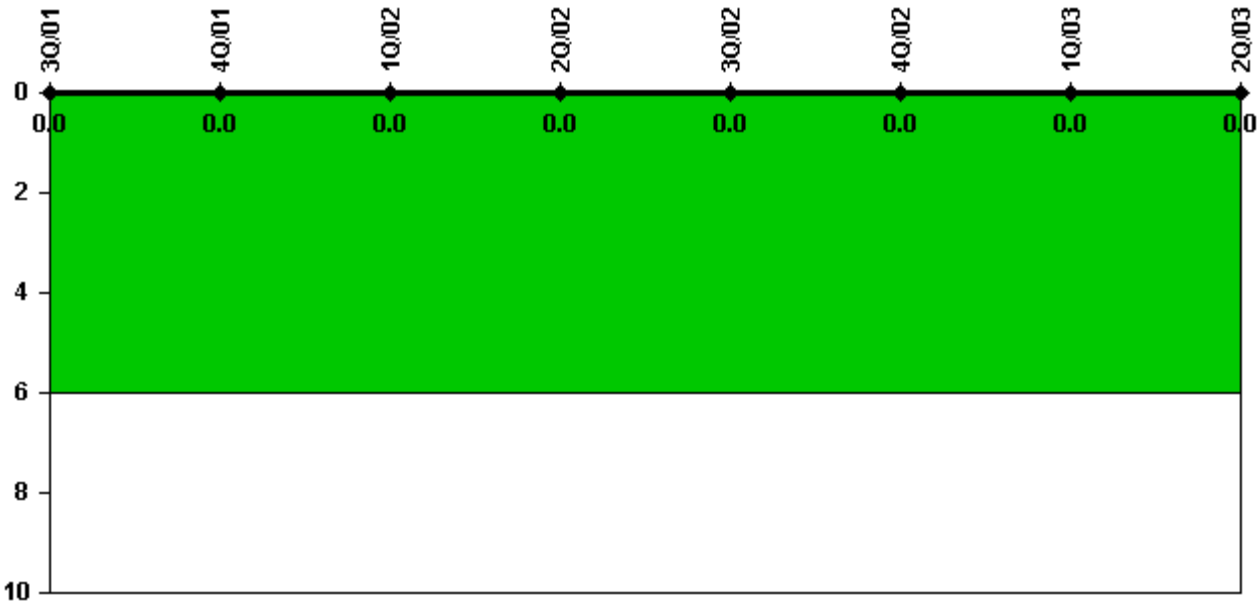
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
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



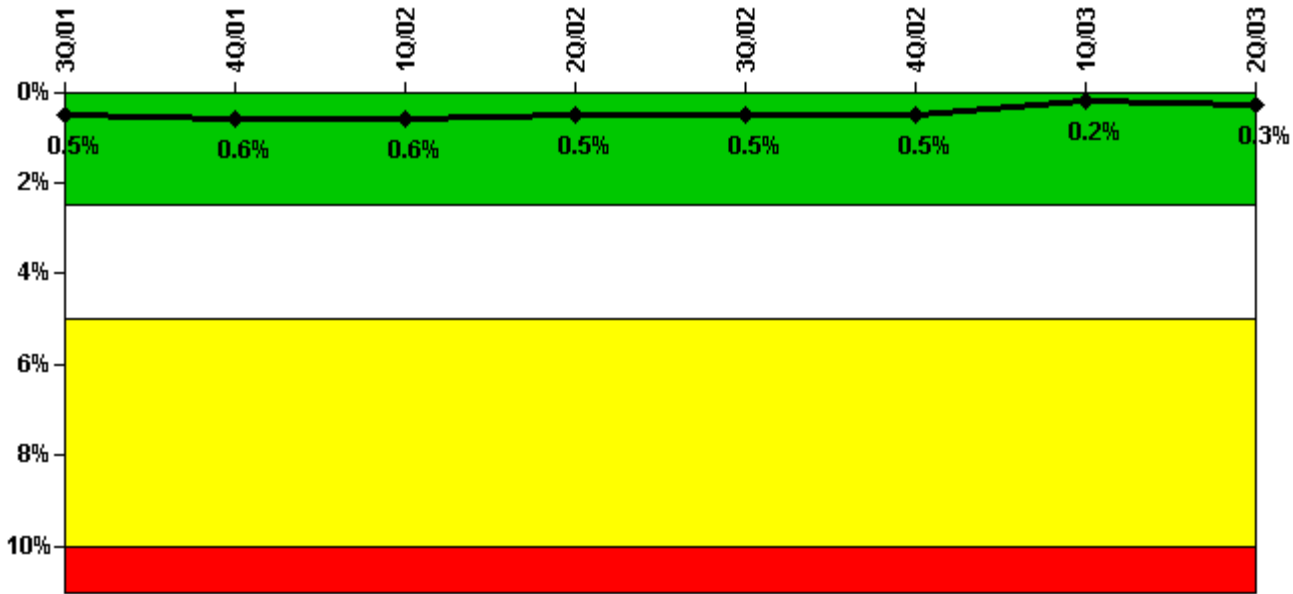
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	1992.0	1952.7	2160.0	2183.0	2208.0	2209.0	2160.0	1786.1
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



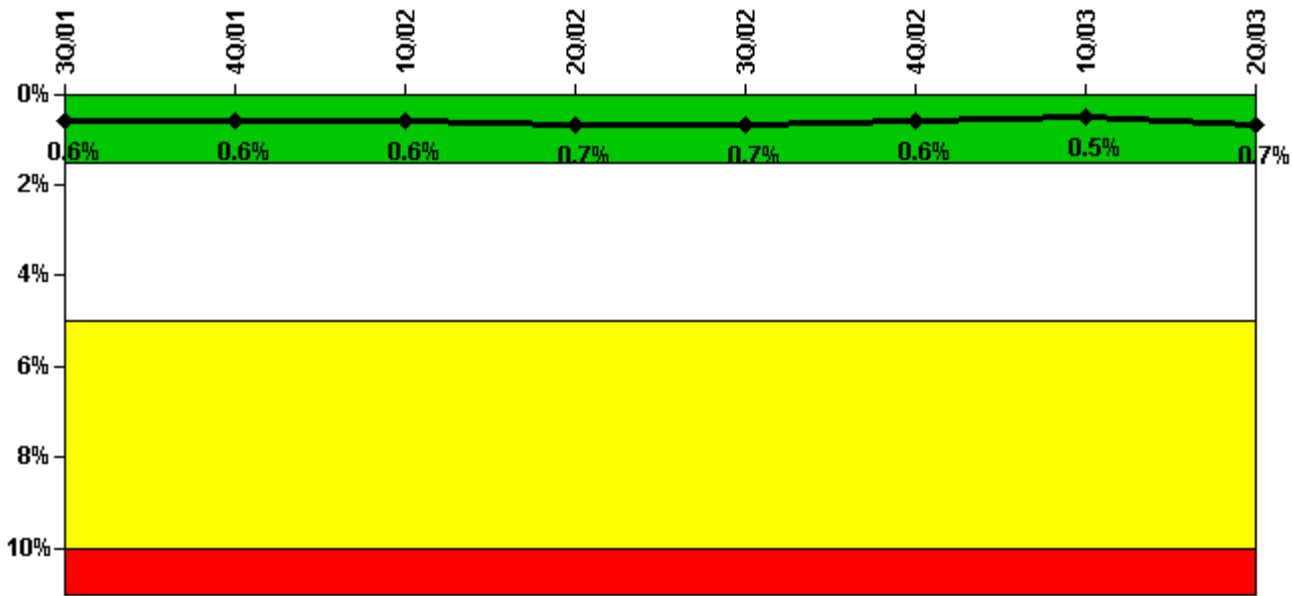
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Train 1								
Planned unavailable hours	5.12	5.60	1.10	5.30	1.30	2.80	6.60	1.50
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	2160.00	2183.00
Train 2								
Planned unavailable hours	9.10	2.00	1.40	1.30	2.80	1.70	6.10	103.30
Unplanned unavailable hours	0	0	0	0	0	0	0.30	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	2160.00	2183.00
Indicator value	0.5%	0.6%	0.6%	0.5%	0.5%	0.5%	0.2%	0.3%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



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

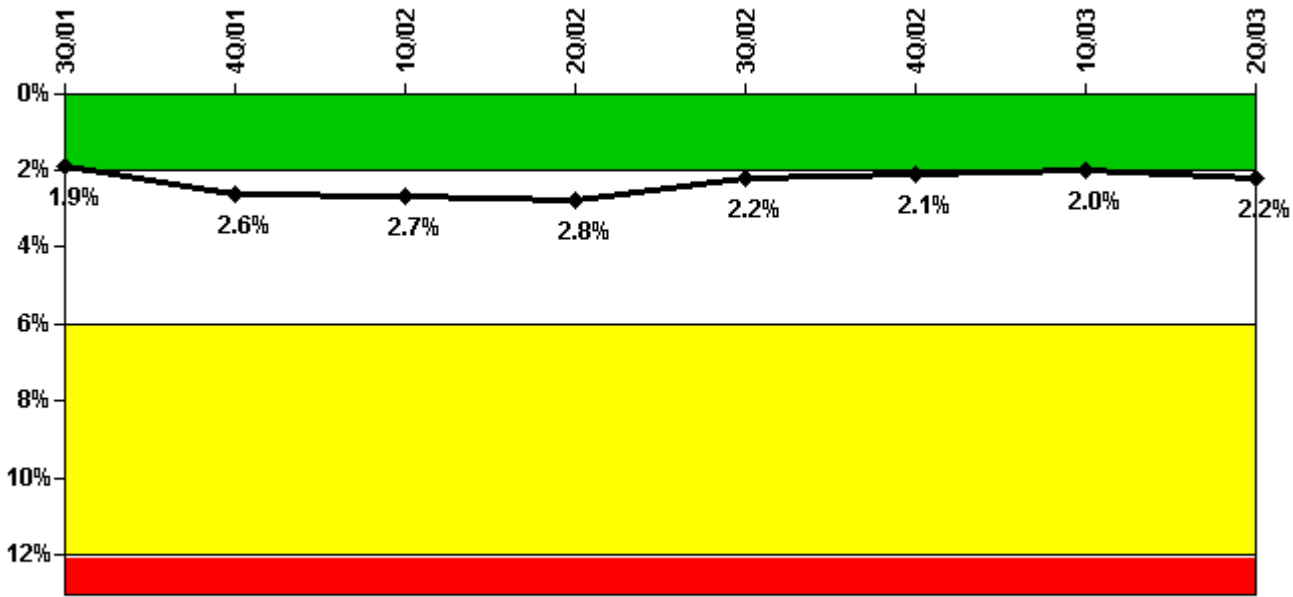
Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Train 1								
Planned unavailable hours	20.42	2.80	1.20	5.80	1.30	2.90	51.30	1.90
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	1992.03	1952.70	2160.00	2183.00	2208.00	2209.00	2160.00	1786.10
Train 2								
Planned unavailable hours	1.80	2.50	1.40	1.60	12.20	9.70	3.70	89.20
Unplanned unavailable hours	35.20	0	0	0	0	0	0	27.70
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1992.03	1952.70	2160.00	2183.00	2208.00	2209.00	2160.00	1786.10
Train 3								
Planned unavailable hours	40.80	2.50	1.10	17.00	1.30	2.80	56.50	43.00
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	1992.03	1952.70	2160.00	2183.00	2208.00	2209.00	2160.00	1786.10
Train 4								
Planned unavailable hours	57.20	2.20	1.50	1.40	2.80	74.40	9.80	0.10
Unplanned unavailable hours	0	0	0	0	0	0	1.00	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	1992.03	1952.70	2160.00	2183.00	2208.00	2209.00	2160.00	1786.10
Indicator value	0.6%	0.6%	0.6%	0.7%	0.7%	0.6%	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)	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Train 1								
Planned unavailable hours	11.21	5.90	6.30	10.20	6.40	12.50	9.40	5.90
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	1992.03	1952.70	2160.00	2183.00	2208.00	2209.00	2160.00	1786.10
Train 2								
Planned unavailable hours	57.10	8.50	11.50	21.80	41.60	18.50	13.80	4.50
Unplanned unavailable hours	0	0	68.60	0	0	0	0	22.60
Fault exposure hours	0	335.80	0	0	0	0	0	54.40
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1992.03	1952.70	2160.00	2183.00	2208.00	2209.00	2160.00	1786.10

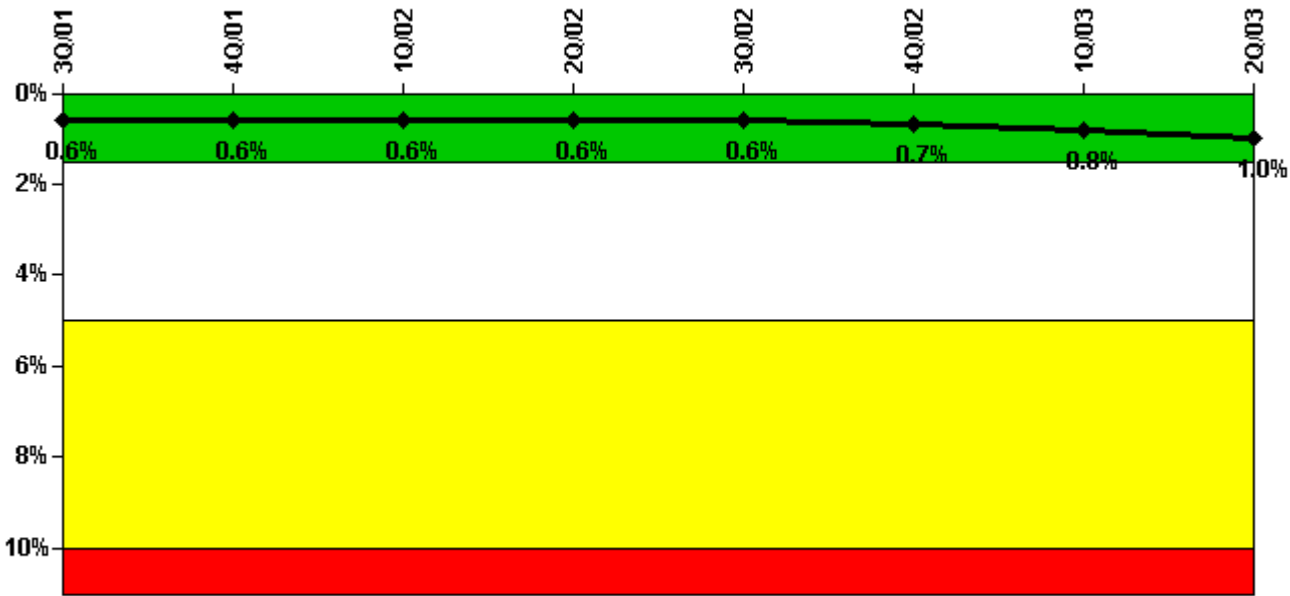
Indicator value	1.9%	2.6%	2.7%	2.8%	2.2%	2.1%	2.0%	2.2%
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Licensee Comments:

2Q/03: The fault exposure hours for May were revised due to performing a more accurate determination of unavailability time.

2Q/01: The 1B AF pump unavailability data has been revised after discovering a reporting error that occurred for the 2nd quarter, 2001.

Safety System Unavailability, Residual Heat Removal System



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

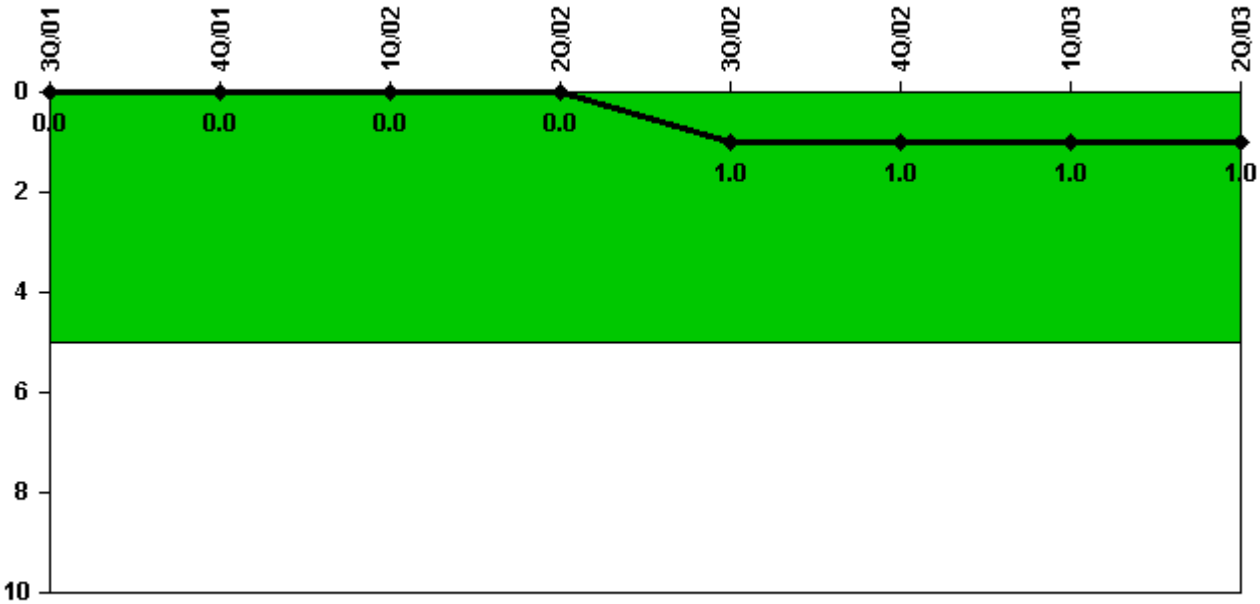
Notes

Safety System Unavailability, Residual Heat Removal System	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Train 1								
Planned unavailable hours	65.30	3.10	2.20	6.30	1.70	38.81	6.90	116.50
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	2160.00	2183.00
Train 2								
Planned unavailable hours	73.50	2.10	1.80	1.80	3.00	14.80	176.90	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	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	0.6%	0.6%	0.6%	0.6%	0.6%	0.7%	0.8%	1.0%

Licensee Comments: none

Safety System Functional Failures (PWR)



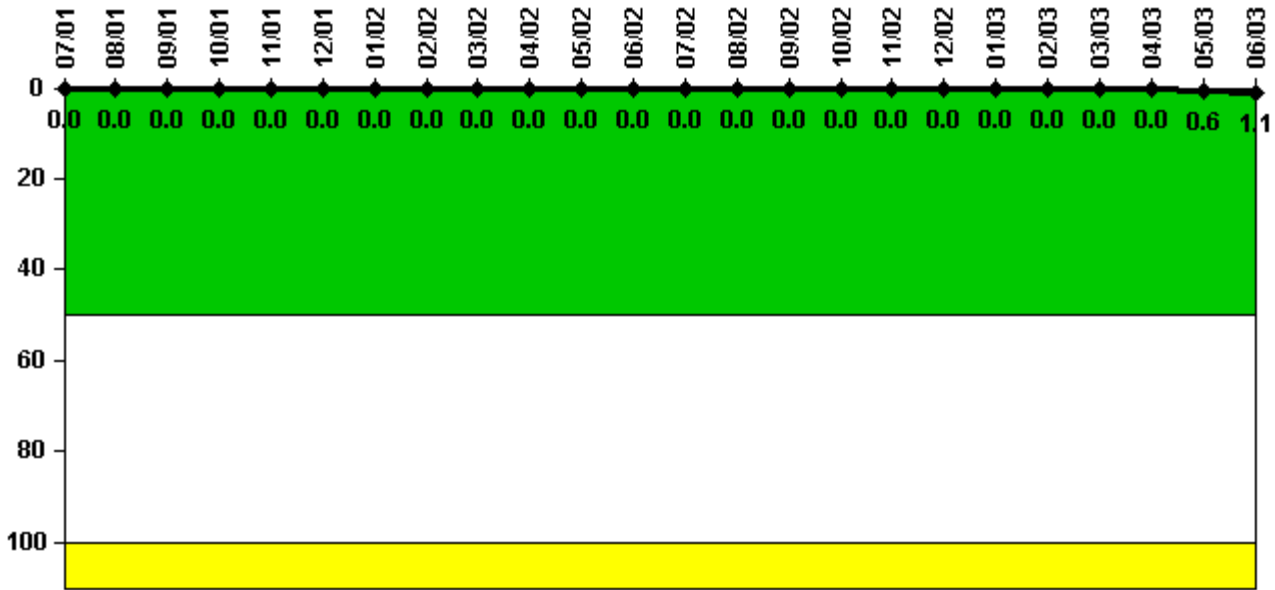
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
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

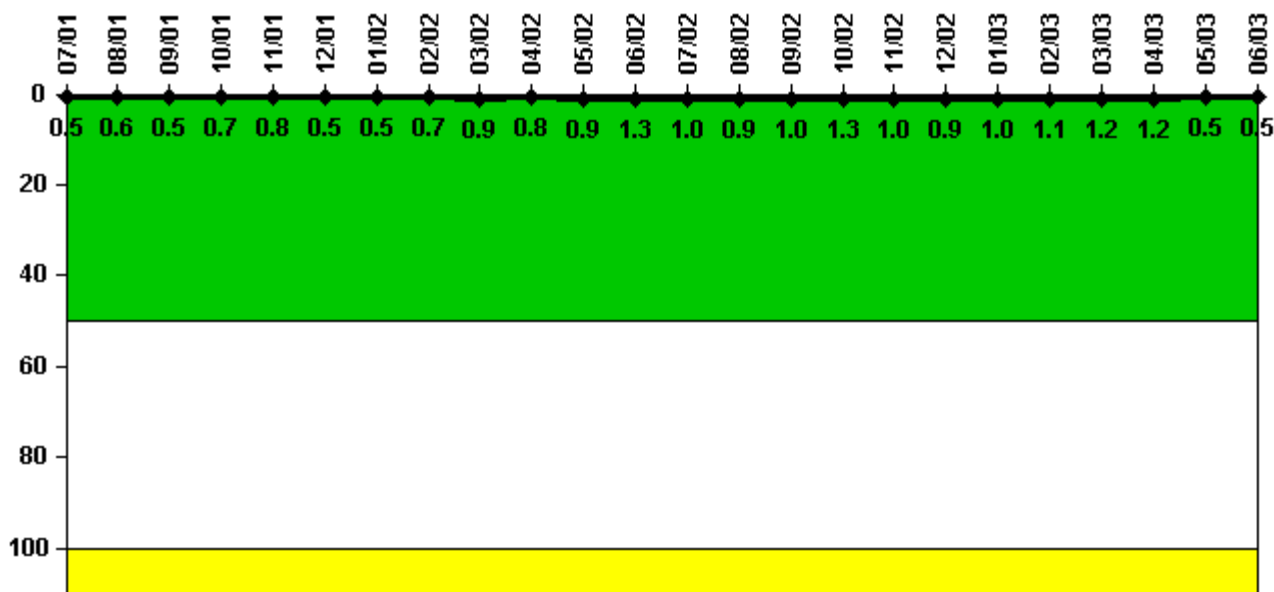
Notes

Reactor Coolant System Activity	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02
Maximum activity	0.000415	0.000392	0.000386	0.000193	0.000193	0.000196	0.000205	0.000226	0.000237	0.000245	0.000255	0.000312
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

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	0.000257	0.000284	0.000282	0.000296	0.000296	0.000297	0.000310	0.000315	0.000317	0.000312	0.005550	0.010500
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	0.6	1.1

Licensee Comments: none

Reactor Coolant System Leakage



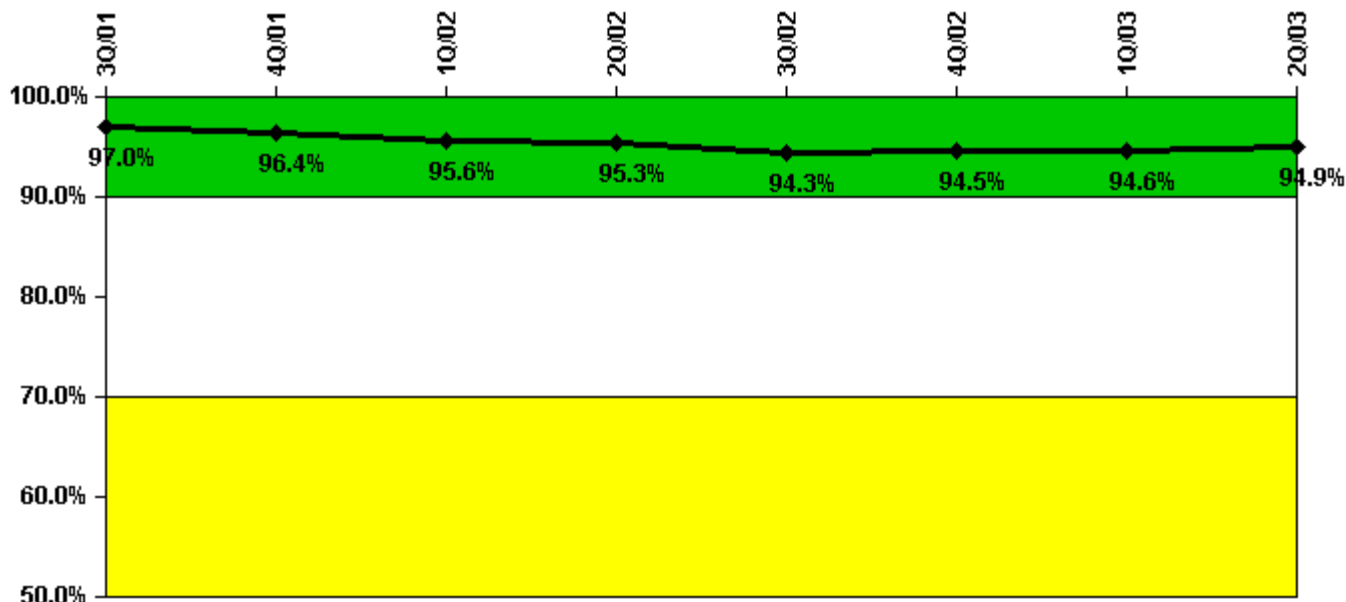
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02
Maximum leakage	0.053	0.057	0.051	0.072	0.079	0.051	0.052	0.071	0.085	0.083	0.092	0.133
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	0.5	0.6	0.5	0.7	0.8	0.5	0.5	0.7	0.9	0.8	0.9	1.3
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	0.096	0.093	0.099	0.129	0.103	0.094	0.096	0.109	0.115	0.118	0.049	0.054
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	1.0	0.9	1.0	1.3	1.0	0.9	1.0	1.1	1.2	1.2	0.5	0.5

Licensee Comments: none

Drill/Exercise Performance



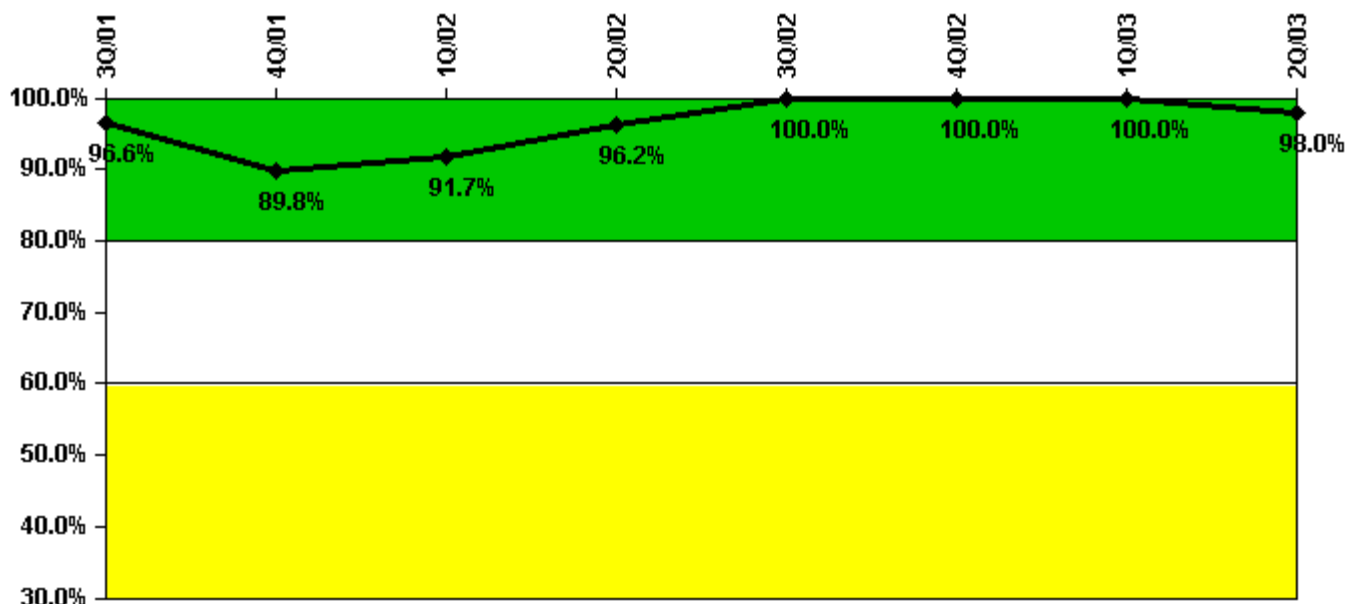
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Successful opportunities	68.0	46.0	28.0	11.0	46.0	73.0	56.0	61.0
Total opportunities	71.0	49.0	31.0	12.0	50.0	77.0	58.0	62.0
Indicator value	97.0%	96.4%	95.6%	95.3%	94.3%	94.5%	94.6%	94.9%

Licensee Comments: none

ERO Drill Participation



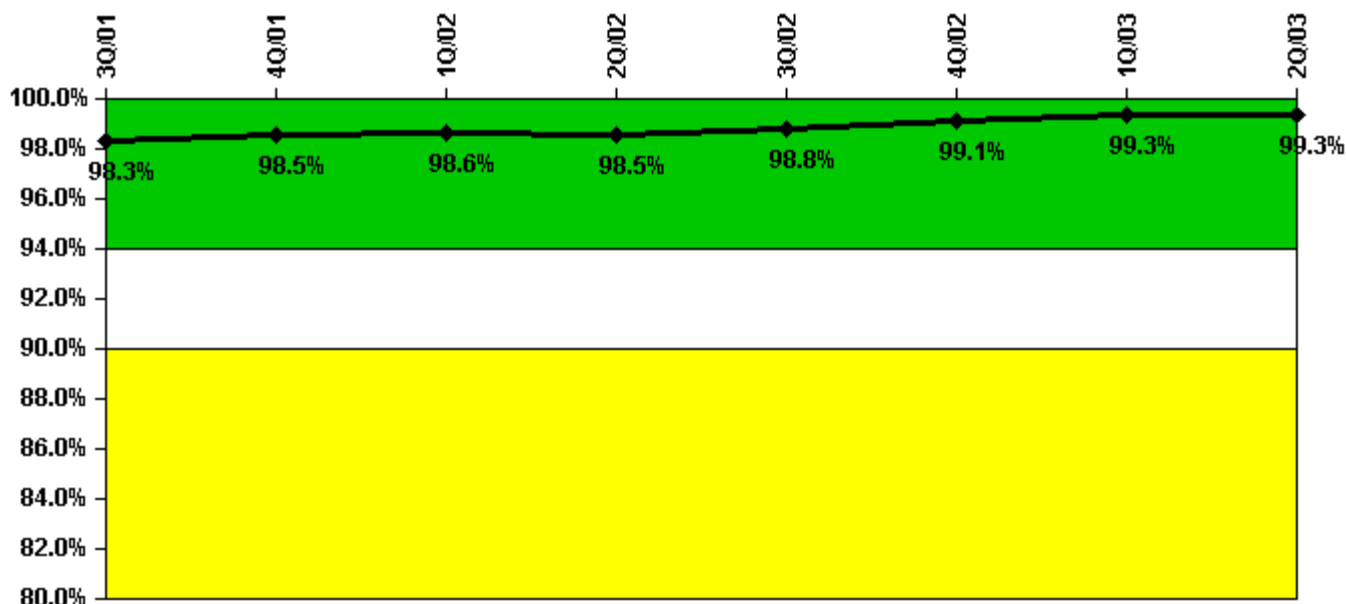
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Participating Key personnel	56.0	44.0	44.0	50.0	53.0	51.0	53.0	49.0
Total Key personnel	58.0	49.0	48.0	52.0	53.0	51.0	53.0	50.0
Indicator value	96.6%	89.8%	91.7%	96.2%	100.0%	100.0%	100.0%	98.0%

Licensee Comments: none

Alert & Notification System



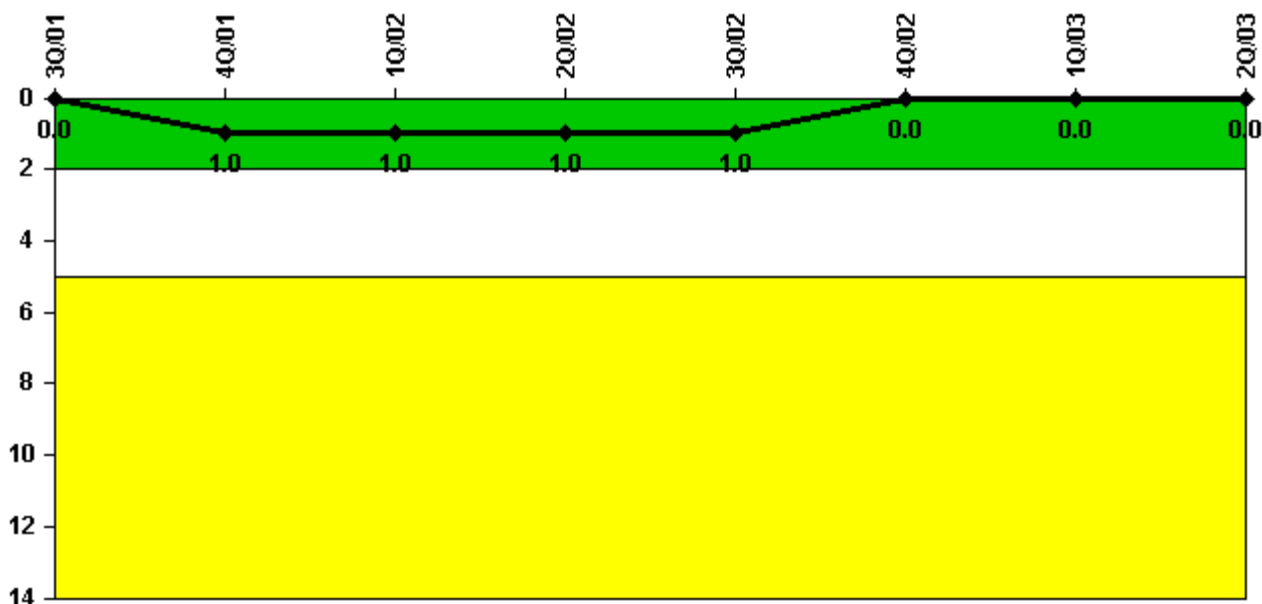
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Successful siren-tests	4594	4489	4423	4462	4522	4538	4459	4461
Total sirens-tests	4686	4544	4473	4544	4544	4544	4473	4544
Indicator value	98.3%	98.5%	98.6%	98.5%	98.8%	99.1%	99.3%	99.3%

Licensee Comments: none

Occupational Exposure Control Effectiveness



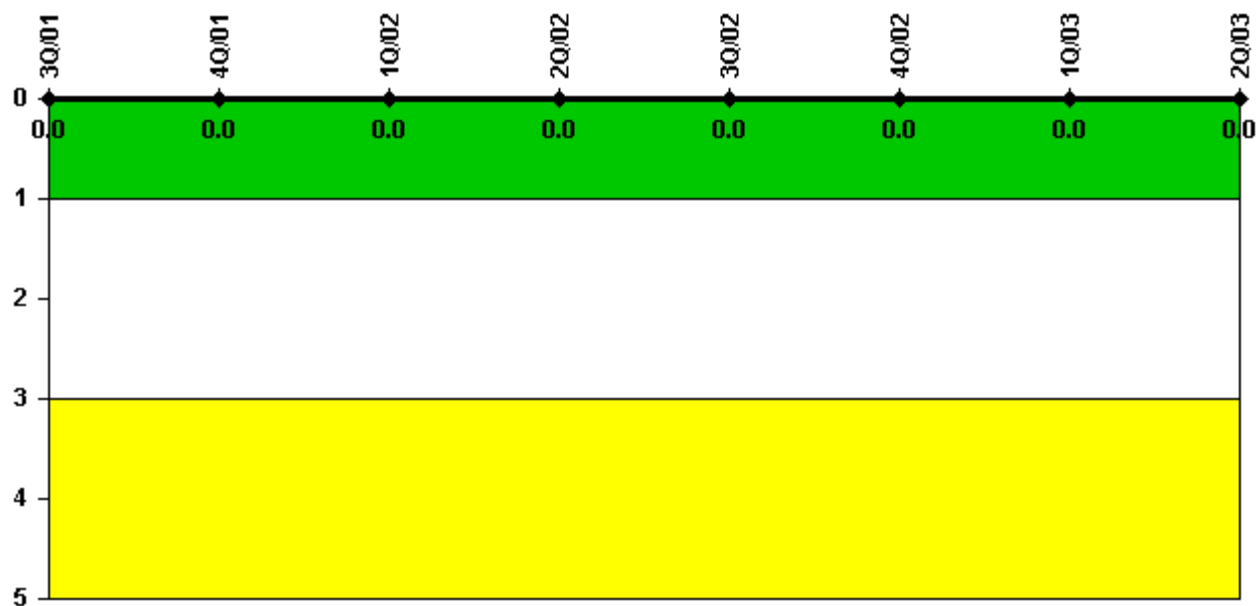
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
High radiation area occurrences	0	1	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	1	1	1	1	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



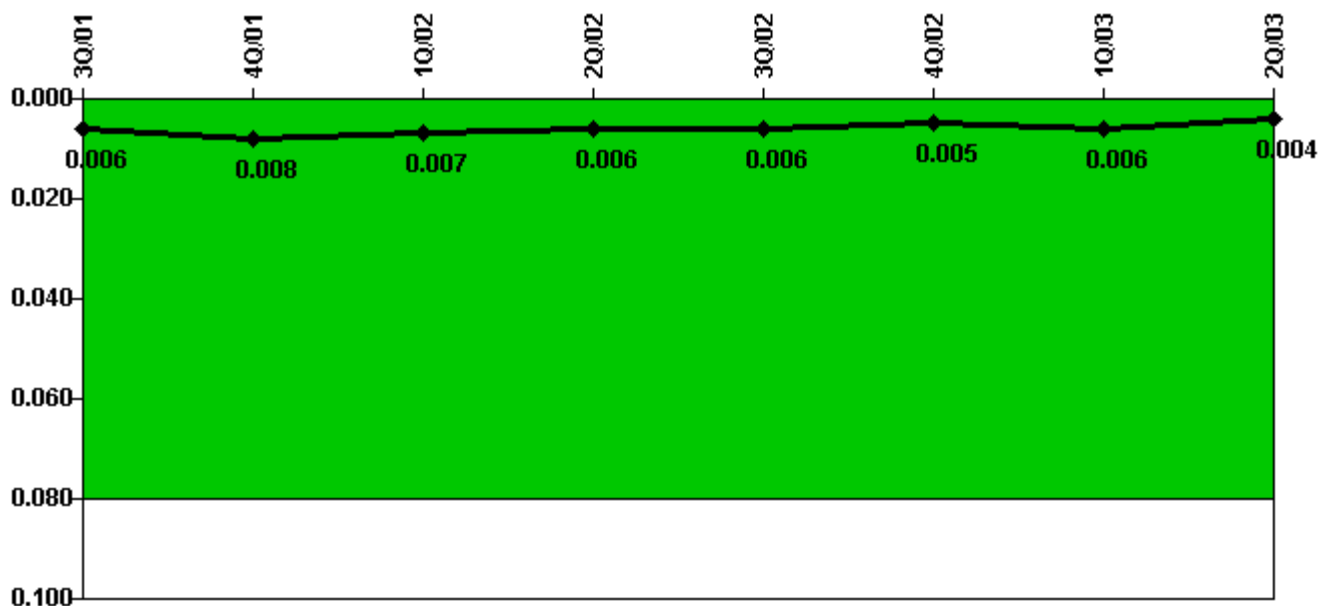
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
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



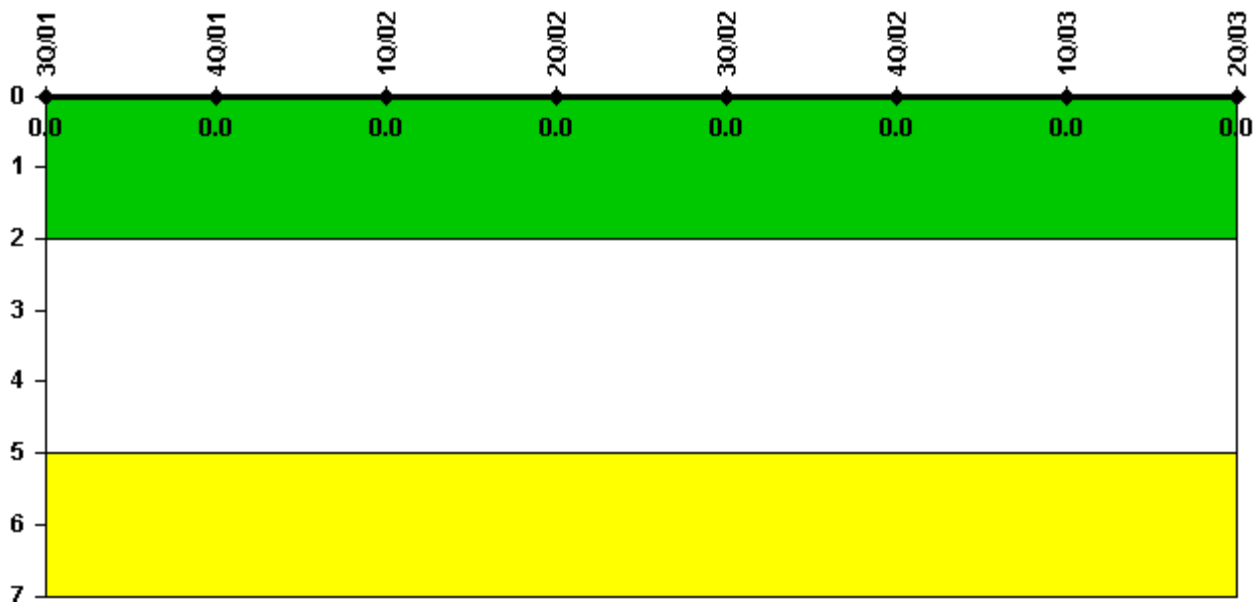
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
IDS compensatory hours	40.27	57.40	5.80	37.20	46.50	34.00	40.60	2.20
CCTV compensatory hours	3.2	10.4	2.0	3.2	0.7	0	0	0.4
IDS normalization factor	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.006	0.008	0.007	0.006	0.006	0.005	0.006	0.004

Licensee Comments: none

Personnel Screening Program



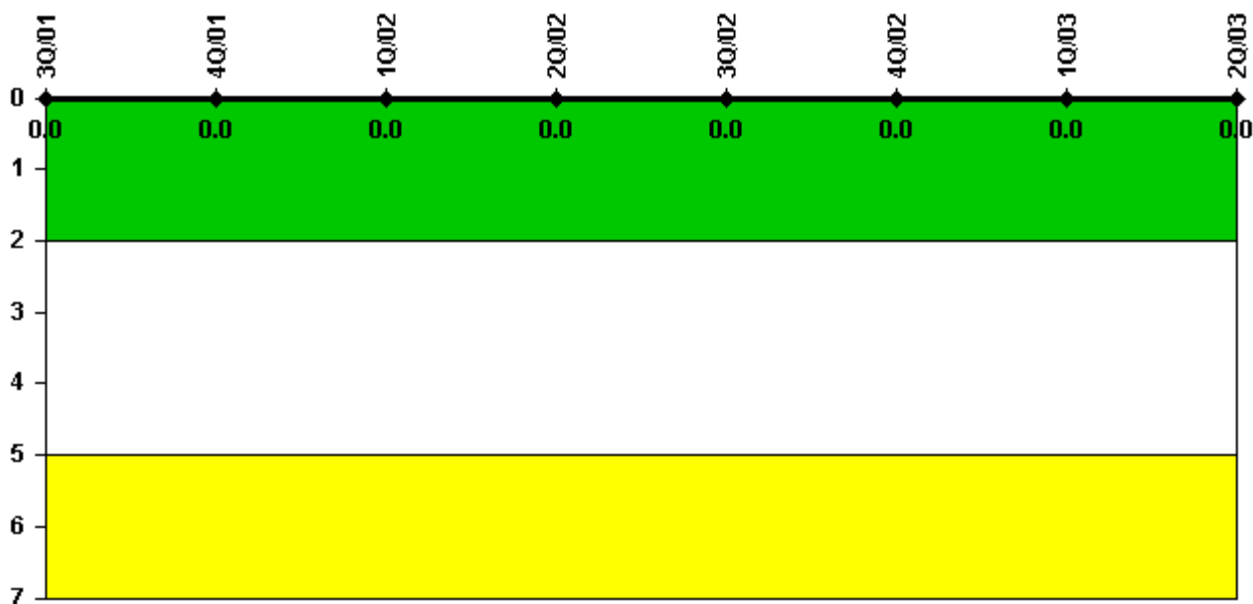
Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
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	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
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: August 27, 2003