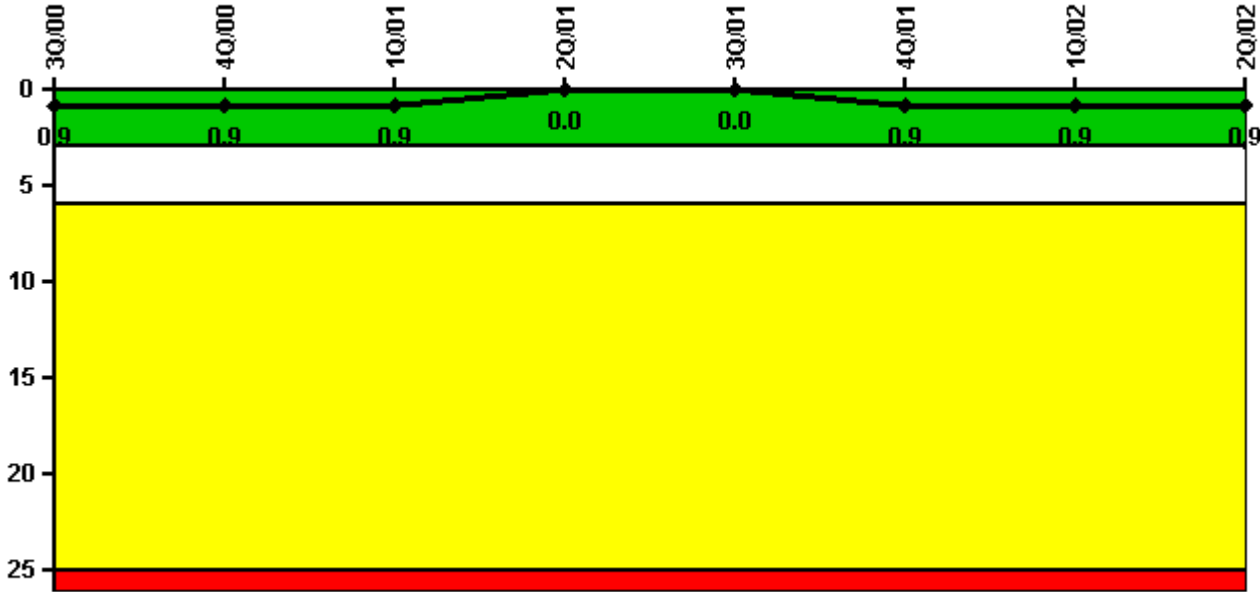


Fermi 2

2Q/2002 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



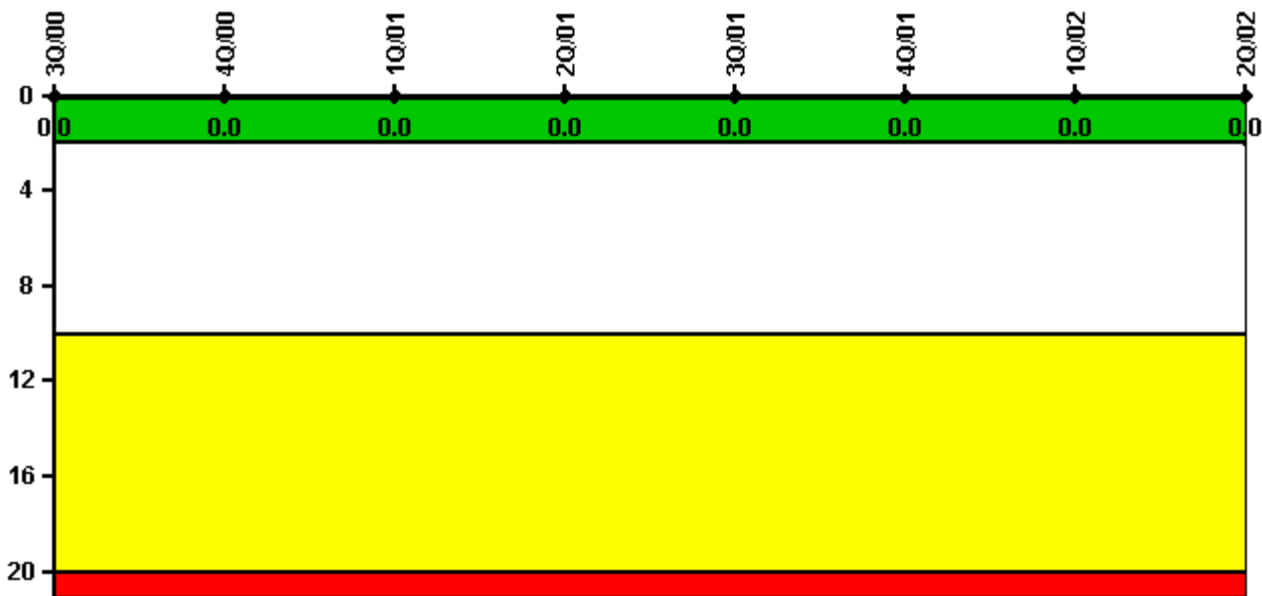
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Unplanned scrams	0	0	0	0	0	1.0	0	0
Critical hours	2208.0	2209.0	2160.0	2152.4	2208.0	1446.5	2160.0	2183.0
Indicator value	0.9	0.9	0.9	0	0	0.9	0.9	0.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



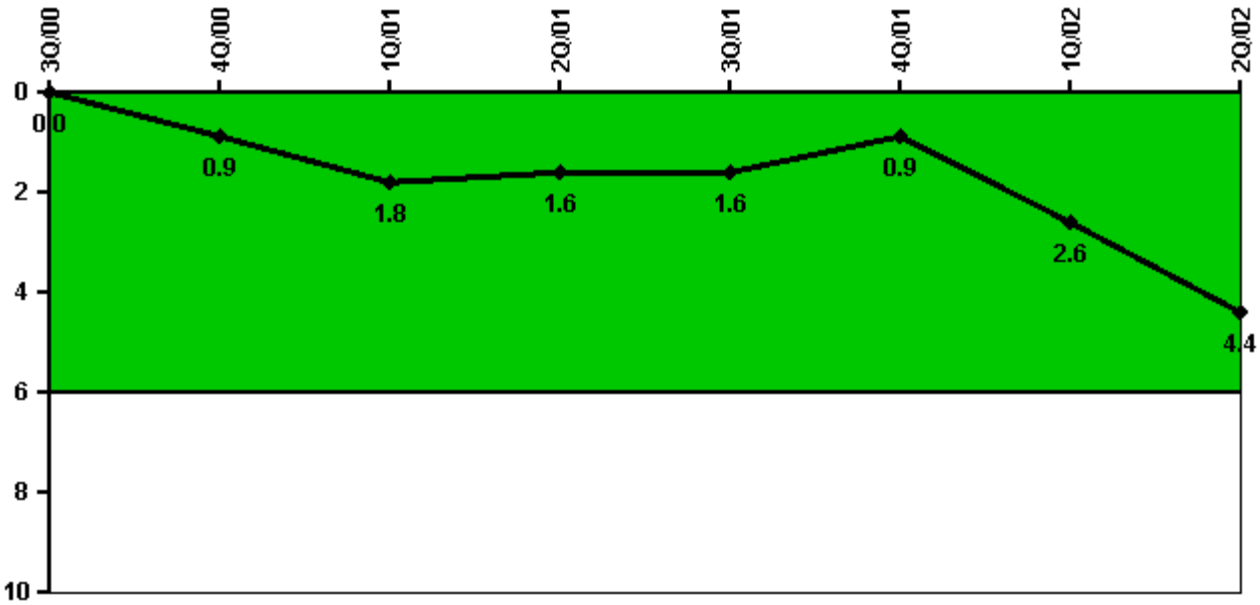
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
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

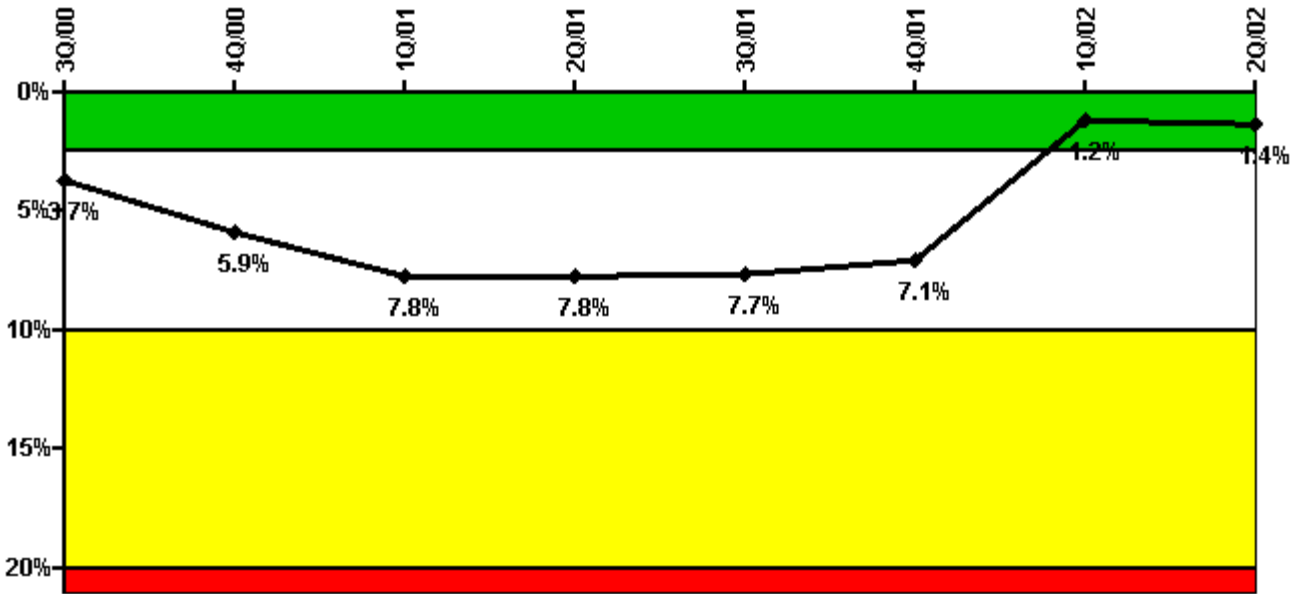
Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Unplanned power changes	0	1.0	1.0	0	0	0	3.0	2.0
Critical hours	2208.0	2209.0	2160.0	2152.4	2208.0	1446.5	2160.0	2183.0
Indicator value	0	0.9	1.8	1.6	1.6	0.9	2.6	4.4

Licensee Comments:

2Q/02: On 5/19/2002 North Reactor Feedwater Pump Turbine went to minimum speed following transfer of operating oil pumps causing runback from 100% to 74% of rated power. On 6/9/2002 an air relay failure on 5 North Feedwater Heater level control valve caused a runback from 93% to 71% of rated power

Safety System Unavailability, Emergency AC Power, >2EDG



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

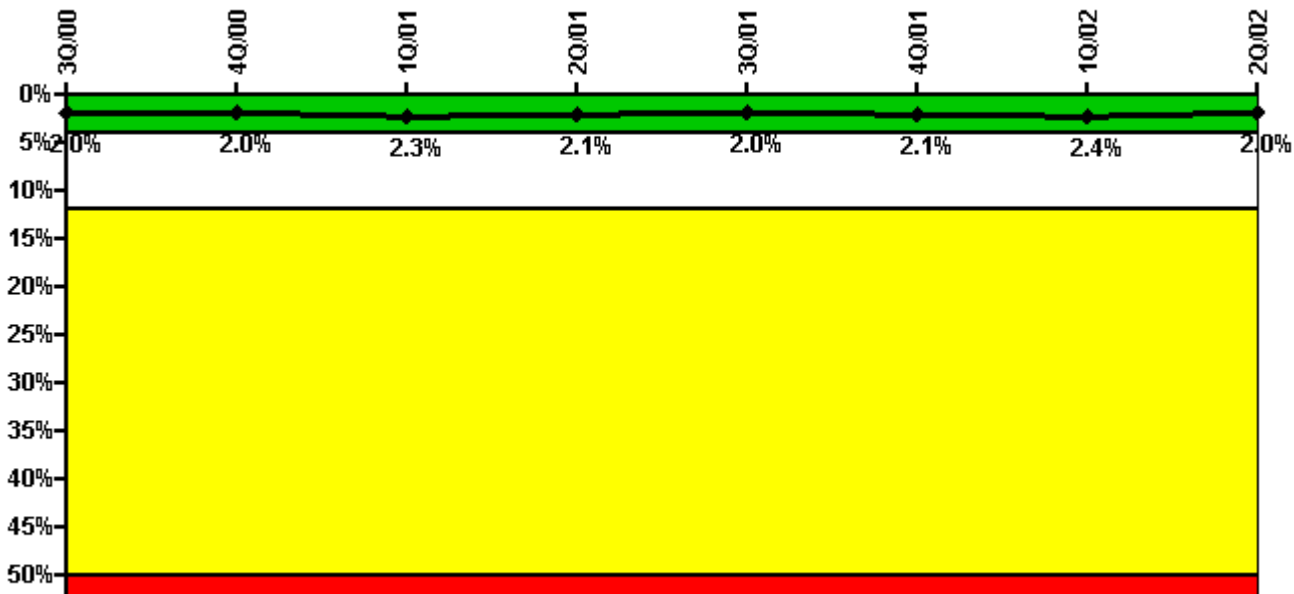
Notes

Safety System Unavailability, Emergency AC Power, >2EDG	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours	9.79	42.19	3.47	7.86	21.92	6.47	6.00	35.65
Unplanned unavailable hours	0	0	0	0.82	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	700.76	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	5.05	52.24	4.40	11.38	21.13	11.61	5.29	145.44
Unplanned unavailable hours	0	0	0	0.57	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 3								
Planned unavailable hours	6.49	42.56	4.46	3.32	42.65	5.79	5.82	32.67
Unplanned unavailable hours	0	0	0	10.60	0	0	0	8.38
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 4								
Planned unavailable hours	0	0	0	10.78	49.86	14.48	18.45	56.16
Unplanned unavailable hours	0	0	192.50	20.70	43.78	0	2.10	0
Fault exposure hours	2057.85	2209.00	1918.15	0	0	0	0	0
Effective Reset hours	378.10	0	0	0	0	0	6142.70	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00

Indicator value	3.7%	5.9%	7.8%	7.8%	7.7%	7.1%	1.2%	1.4%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)



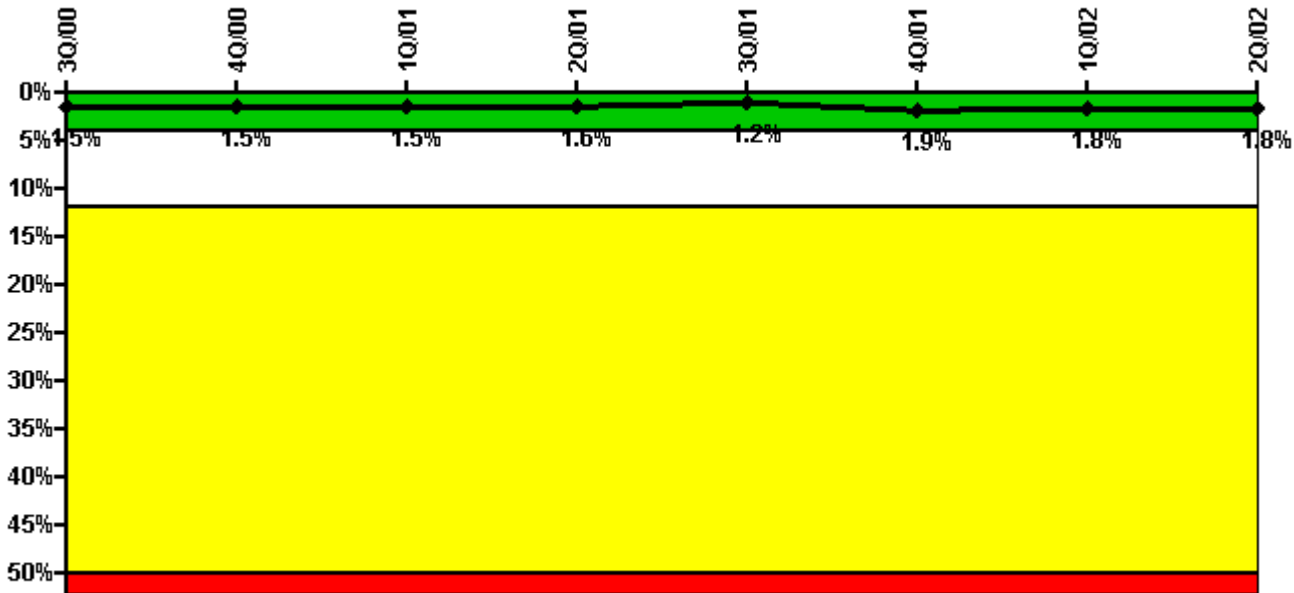
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours	9.47	11.25	70.02	14.88	2.20	9.69	85.05	21.45
Unplanned unavailable hours	0	0	27.53	27.33	0	27.16	15.31	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	2152.40	2208.00	1446.50	2160.00	2183.00
Indicator value	2.0%	2.0%	2.3%	2.1%	2.0%	2.1%	2.4%	2.0%

Licensee Comments: none

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/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours	4.13	7.90	1.70	8.50	2.38	161.85	37.45	1.98
Unplanned unavailable hours	0	0	9.10	59.10	0	10.35	2.87	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	2152.40	2208.00	1446.50	2160.00	2183.00
Indicator value	1.5%	1.5%	1.5%	1.6%	1.2%	1.9%	1.8%	1.8%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



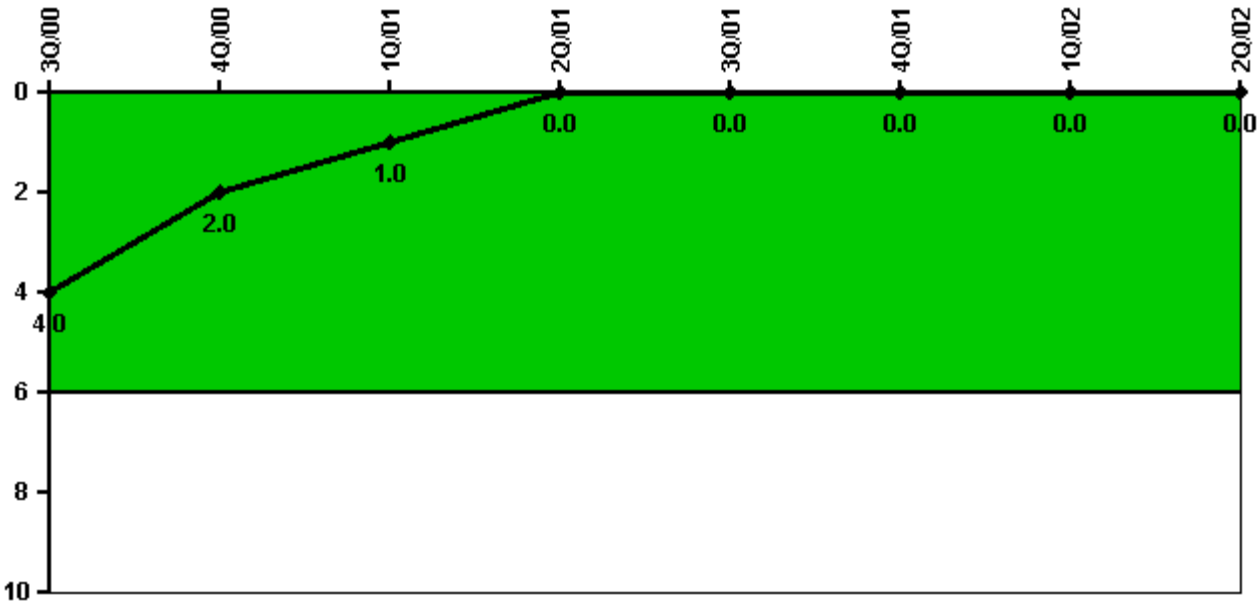
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours	39.70	1.47	2.88	1.22	22.17	4.43	2.10	0.67
Unplanned unavailable hours	0.08	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	0.88	1.53	1.87	0.92	13.75	0	12.66	17.74
Unplanned unavailable hours	100.40	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	0.8%	0.8%	0.8%	0.7%	0.7%	0.7%	0.7%	0.7%

Licensee Comments: none

Safety System Functional Failures (BWR)



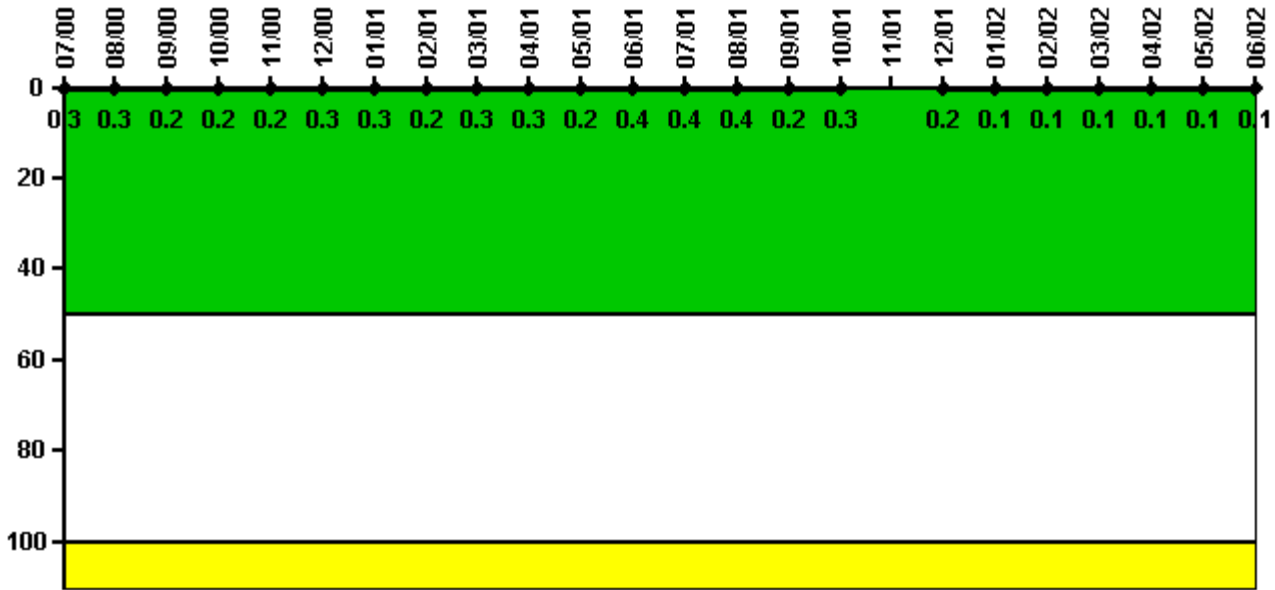
Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	4	2	1	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/00	8/00	9/00	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum activity	0.000682	0.000570	0.000492	0.000475	0.000481	0.000510	0.000683	0.000488	0.000602	0.000609	0.000436	0.000826
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	0.3	0.3	0.2	0.2	0.2	0.3	0.3	0.2	0.3	0.3	0.2	0.4

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	0.000739	0.000703	0.000425	0.000641	N/A	0.000373	0.000267	0.000201	0.000291	0.000174	0.000178	0.000198
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	0.4	0.4	0.2	0.3	N/A	0.2	0.1	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

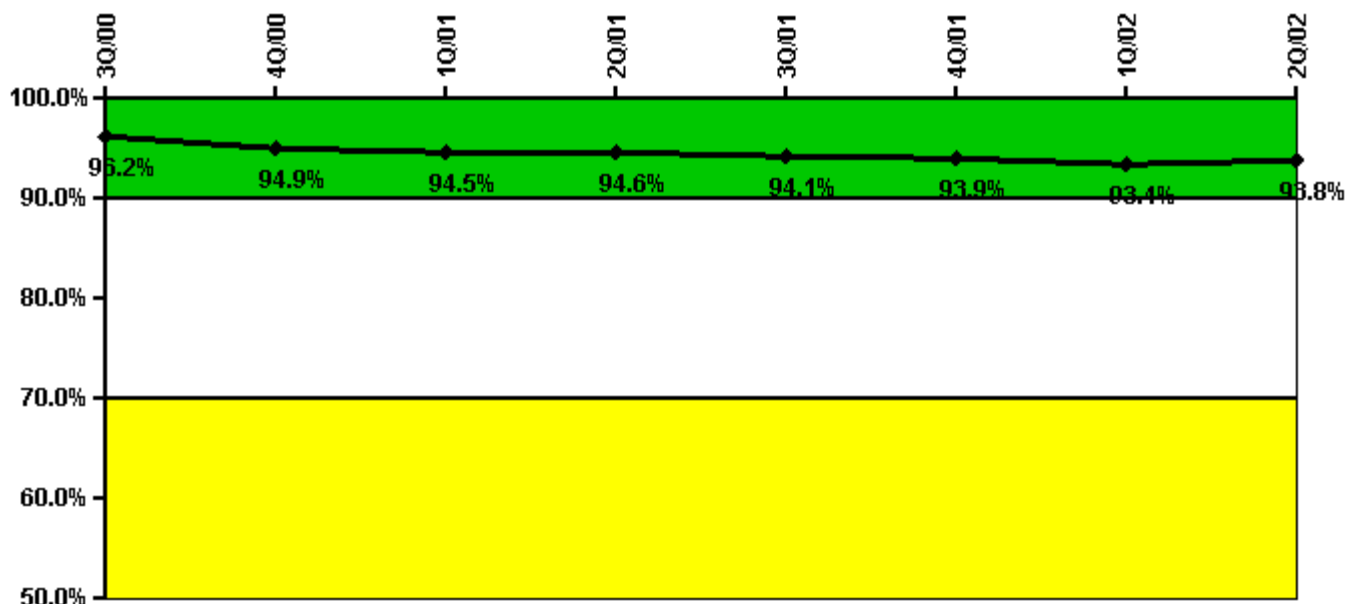
Notes

Reactor Coolant System Leakage	7/00	8/00	9/00	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum leakage	1.620	1.620	1.620	1.610	1.610	1.610	1.610	1.610	1.610	1.610	1.610	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	6.5	6.5	6.5	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.5

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	1.610	1.610	1.610	1.630	1.570	1.630	1.620	1.610	1.630	1.900	1.890	1.630
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	6.4	6.4	6.4	6.5	6.3	6.5	6.5	6.4	6.5	7.6	7.6	6.5

Licensee Comments: none

Drill/Exercise Performance



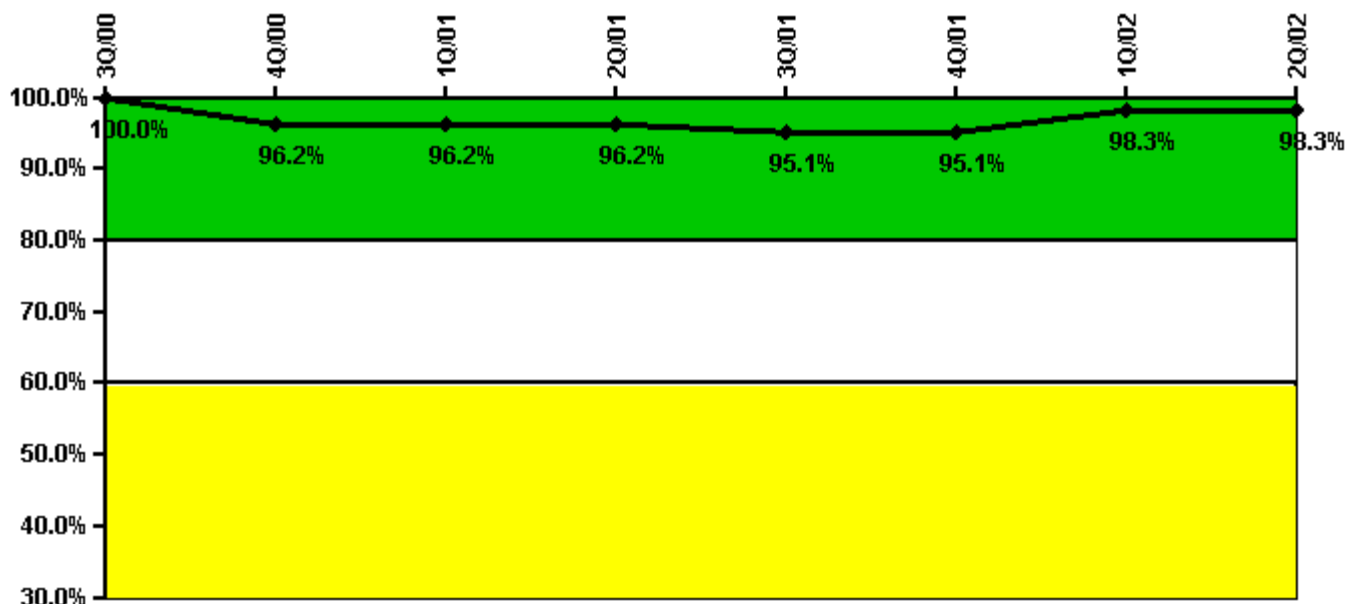
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Successful opportunities	56.0	51.0	21.0	30.0	33.0	0	42.0	53.0
Total opportunities	57.0	56.0	23.0	32.0	38.0	0	46.0	53.0
Indicator value	96.2%	94.9%	94.5%	94.6%	94.1%	93.9%	93.4%	93.8%

Licensee Comments: none

ERO Drill Participation



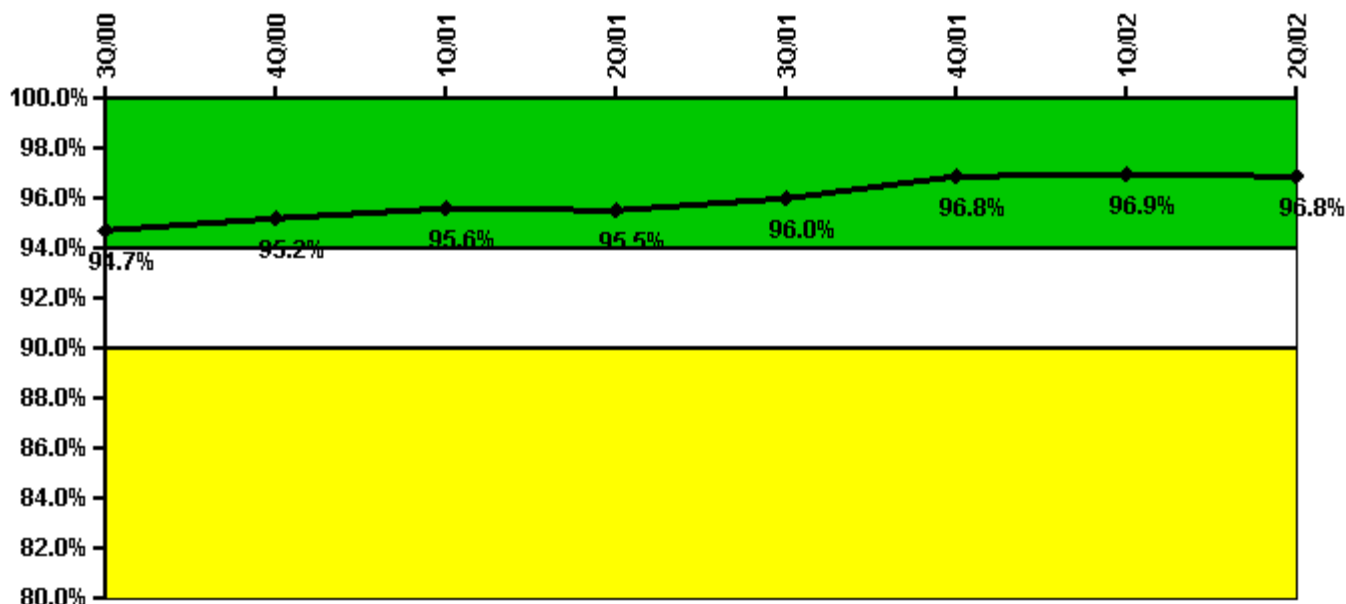
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Participating Key personnel	52.0	51.0	51.0	51.0	58.0	58.0	59.0	58.0
Total Key personnel	52.0	53.0	53.0	53.0	61.0	61.0	60.0	59.0
Indicator value	100.0%	96.2%	96.2%	96.2%	95.1%	95.1%	98.3%	93.3%

Licensee Comments: none

Alert & Notification System



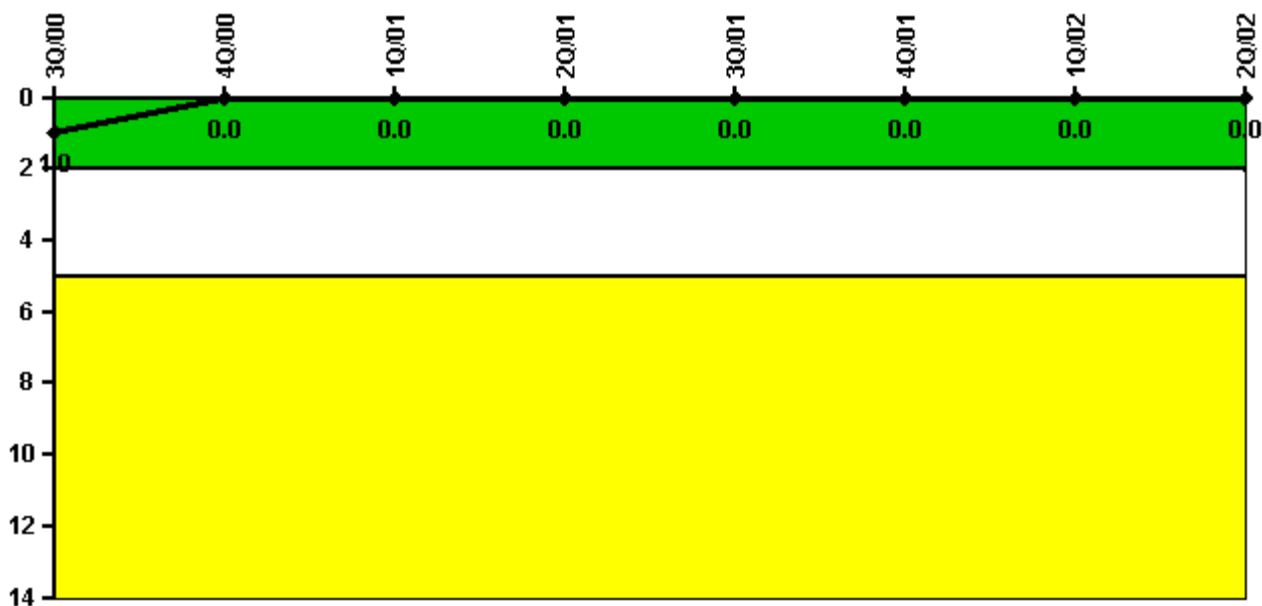
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Successful siren-tests	330	338	342	342	338	348	344	341
Total sirens-tests	354	354	354	354	354	354	354	354
Indicator value	94.7%	95.2%	95.6%	95.5%	96.0%	96.8%	96.9%	96.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
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



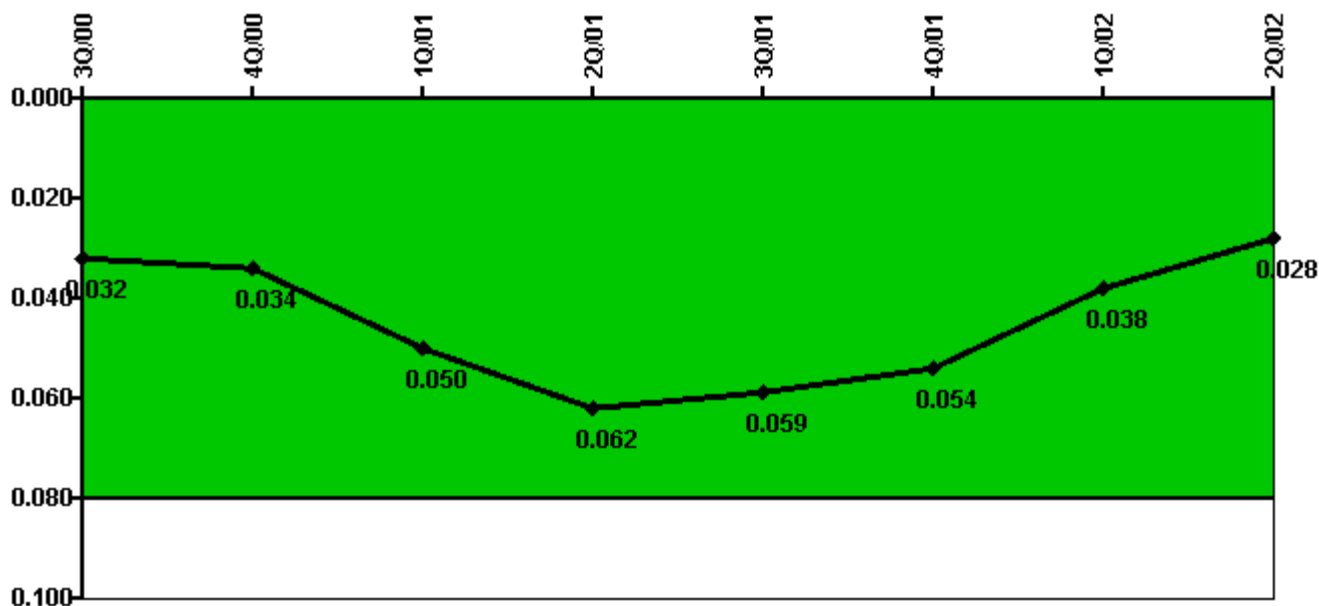
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
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



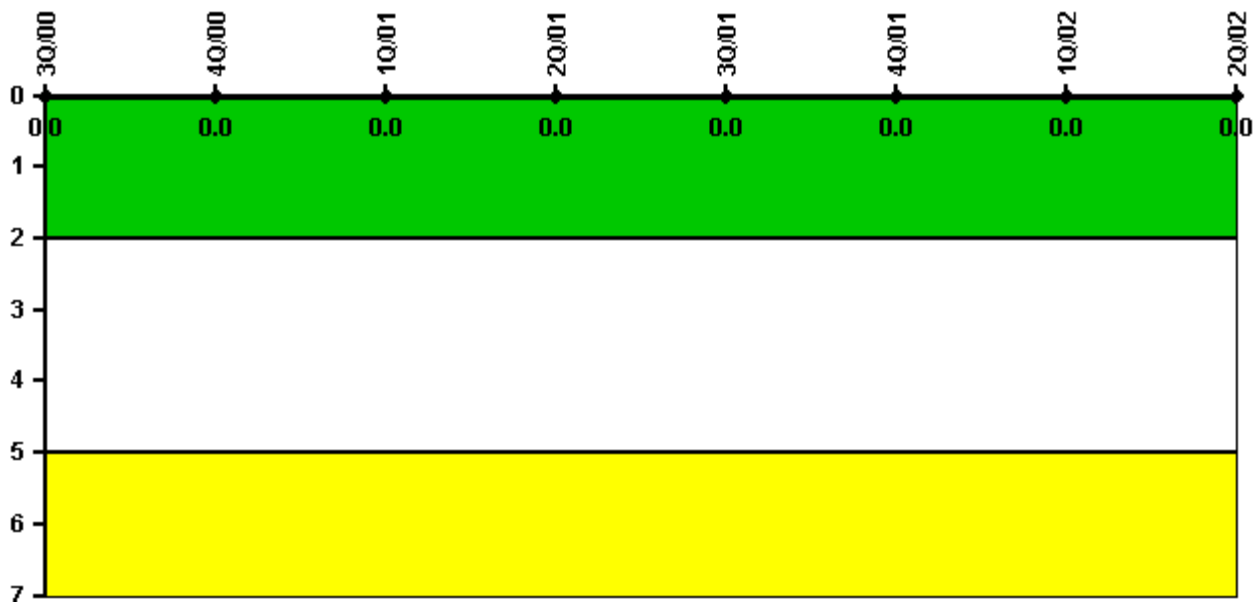
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
IDS compensatory hours	379.60	180.50	417.17	388.05	281.75	197.80	237.63	161.07
CCTV compensatory hours	0	98.6	188.1	78.9	1.0	0.5	4.5	18.6
IDS normalization factor	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.032	0.034	0.050	0.062	0.059	0.054	0.038	0.028

Licensee Comments: none

Personnel Screening Program



Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
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/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
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: July 31, 2002