

Oyster Creek

4Q/2000 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

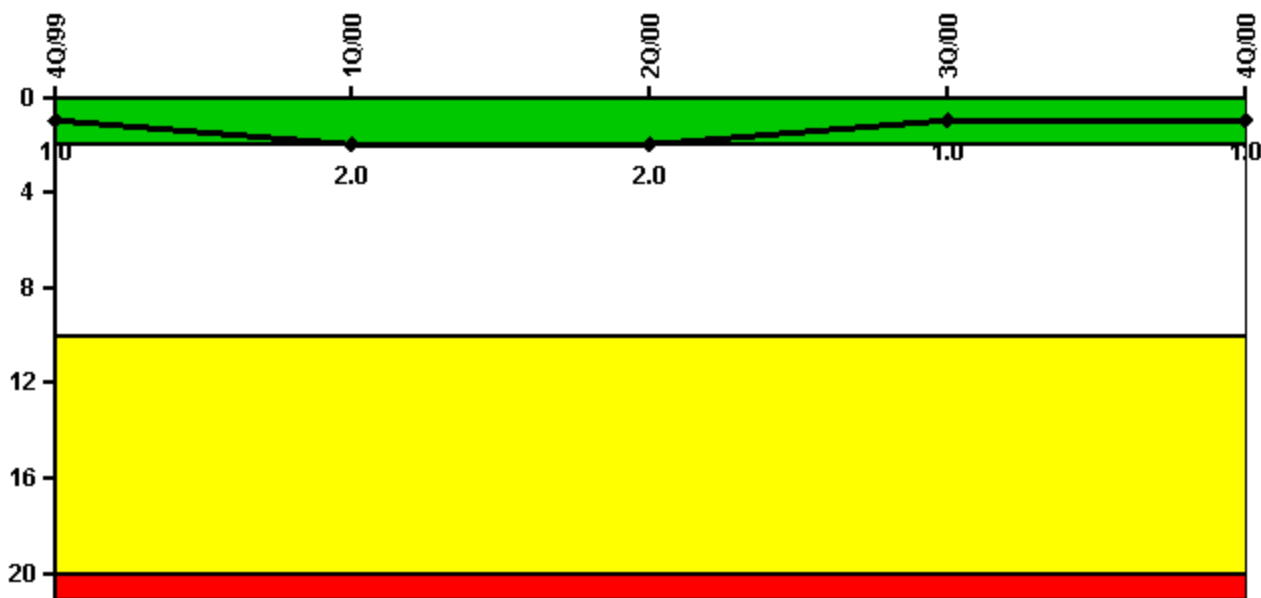
Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Unplanned scrams	0	2.0	0	0	1.0
Critical hours	2209.0	1620.3	2183.0	2105.4	1411.1
Indicator value	0	1.7	1.7	1.7	2.9

Licensee Comments:

3Q/00: An error of 102.6 hours was noted. Total monthly hour of operation was entered rather than hours of critical operation during the month. This error did not affect the green performance indicator band.

Scrams with Loss of Normal Heat Removal



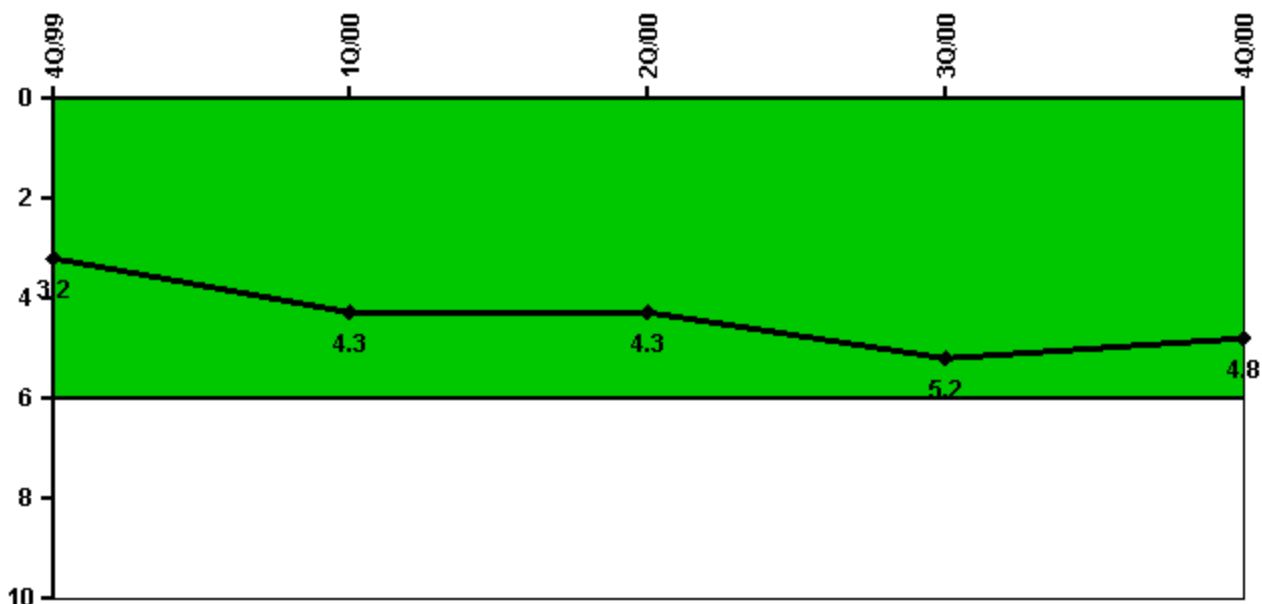
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Scrams	0	1.0	0	0	0
Indicator value	1.0	2.0	2.0	1.0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

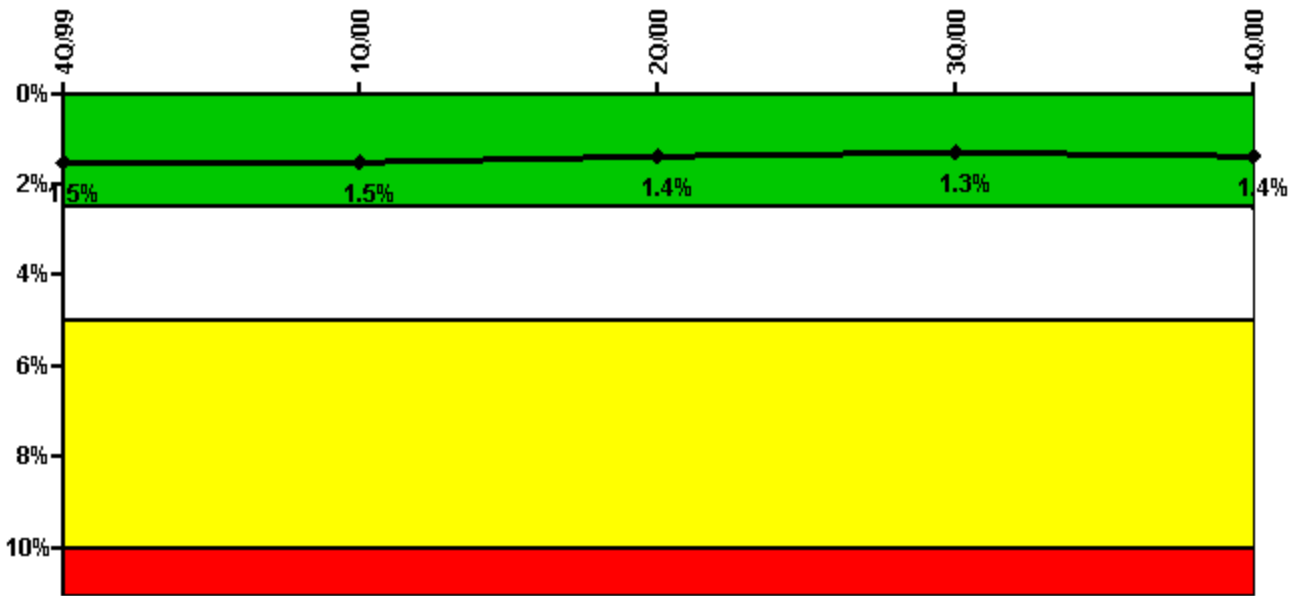
Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Unplanned power changes	1.0	2.0	1.0	2.0	0
Critical hours	2209.0	1620.3	2183.0	2105.4	1411.1
Indicator value	3.2	4.3	4.3	5.2	4.8

Licensee Comments:

3Q/00: August power reduction to lower load in order to remove feedwater heaters to maximize end of cycle electrical generation was planned rather than unplanned as previously reported. This change does not affect the color of the performance indicator.

Safety System Unavailability, Emergency AC Power



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

Notes

Safety System Unavailability, Emergency AC Power	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	23.30	0	0	0	11.42
Unplanned unavailable hours	8.50	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00
Train 2					
Planned unavailable hours	0	24.98	0	0	0
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00
Indicator value	1.5%	1.5%	1.4%	1.3%	1.4%

Licensee Comments:

4Q/00: Required hours for October 2000 revised to include the change to Daylight Savings Time.

4Q/99: Discrepancy of 8.5 hrs for DG 1 (4th Quarter 1999-Historical Data) was identified while performing 3rd Quarter 2000 review. Changes did not result in a threshold color change. Updated and corrected historical data per system engineer On 12-7-2000.

3Q/99: Updated/corrected historical data

Safety System Unavailability, High Pressure Injection System

**Not applicable due to
unique design
characteristics.
Performance in this area
will be assessed through
focused NRC inspection
efforts.**

Notes

Safety System Unavailability, High Pressure Injection System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	31.23	82.68	29.88	11.23	9.70
Unplanned unavailable hours	0	26.38	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	1722.71	2183.00	2120.90	1444.20
Train 2					
Planned unavailable hours	25.08	34.86	53.97	24.31	11.40
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	1722.71	2183.00	2120.90	1444.20
Indicator value	0.3%	0.5%	0.7%	0.8%	0.9%

Licensee Comments:

4Q/00: Plant was in cold shutdown starting 10/13/2000, 3:00 am for refueling. On 11/14/2000, at 10:46 pm Mode Switch to Startup.

Safety System Unavailability, Heat Removal System

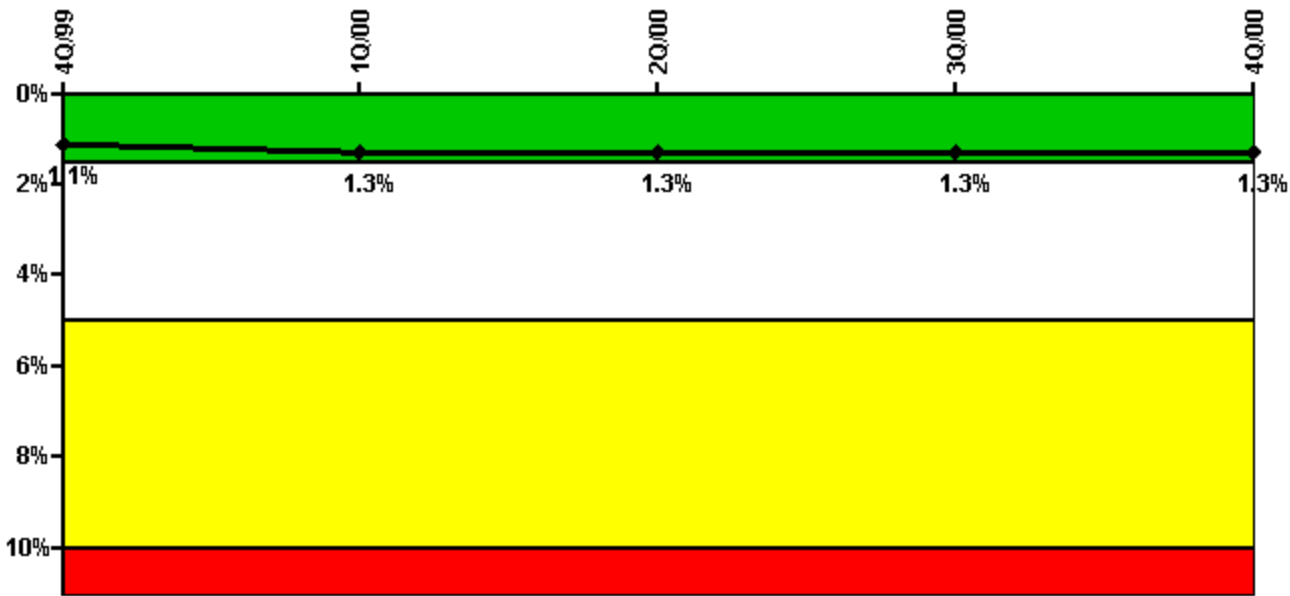
**Thresholds
under
development /
review**

Notes

Safety System Unavailability, Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	0				
Unplanned unavailable hours	0				
Fault exposure hours	0				
Effective Reset hours	0	0	0	0	0
Required hours	2209.00				
Train 2					
Planned unavailable hours	0				
Unplanned unavailable hours	0				
Fault exposure hours	0				
Effective Reset hours	0	0	0	0	0
Required hours	2209.00				
Indicator value	0.5%				

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



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

Notes

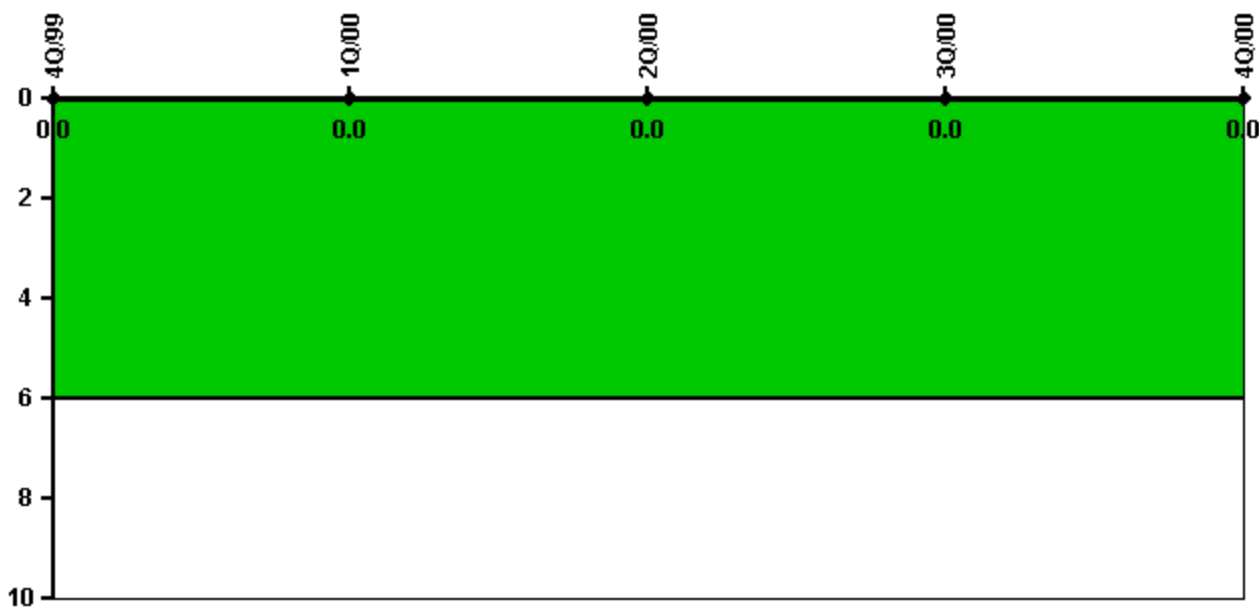
Safety System Unavailability, Residual Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	4.82	27.42	0.92	7.04	244.70
Unplanned unavailable hours	0	93.28	0	0	7.30
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2208.00
Train 2					
Planned unavailable hours	23.72	0	0.83	0	1.60
Unplanned unavailable hours	0	93.56	0	0	7.30
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2208.00
Train 3					
Planned unavailable hours	28.09	0	10.62	0	46.60
Unplanned unavailable hours	0	93.28	0	0	7.30
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2208.00
Train 4					
Planned unavailable hours	0	2.13	6.89	38.69	17.30
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2120.87	1436.00
Train 5					
Planned unavailable hours	37.80	2.51	6.56	2.77	1.12
Unplanned unavailable hours	0	0	0	12.79	2.98
Fault exposure hours	0	0	0	0	0

Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2120.87	1436.00
Indicator value	1.1%	1.3%	1.3%	1.3%	1.3%

Licensee Comments:

4Q/00: Reactor was in cold shutdown on 10/14/00, at 3:00 am for refueling outage. On 11/14/00 at 2246, reactor mode switch was placed in startup. On 11/15/00 at 0710, RCS temperature was greater than 200 F.

Safety System Functional Failures (BWR)



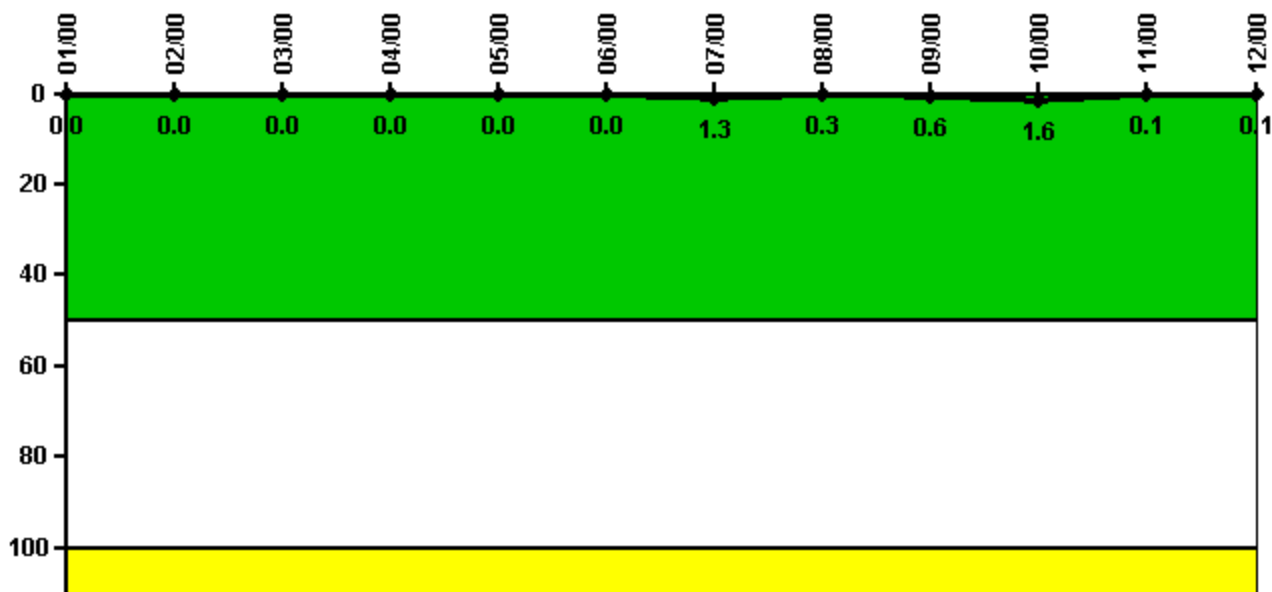
Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Safety System Functional Failures	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Activity



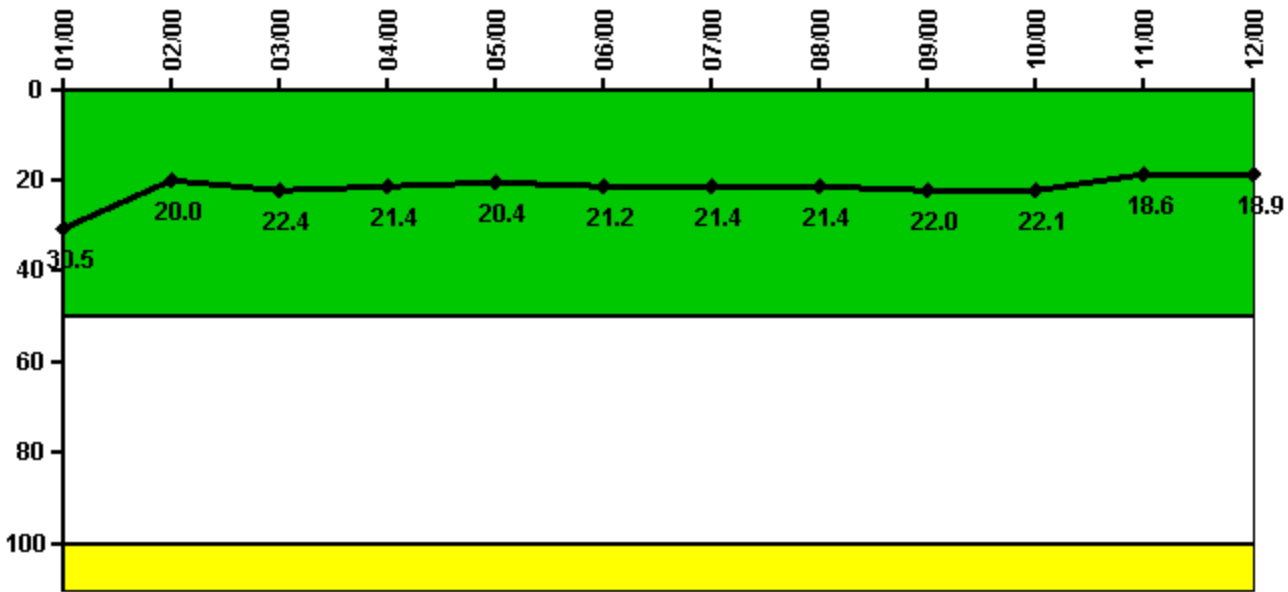
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00
Maximum activity	0.000036	0.000030	0.000040	0.000058	0.000031	0.000044	0.002540	0.000577	0.001280	0.003280	0.000164	0.000185
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	1.3	0.3	0.6	1.6	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



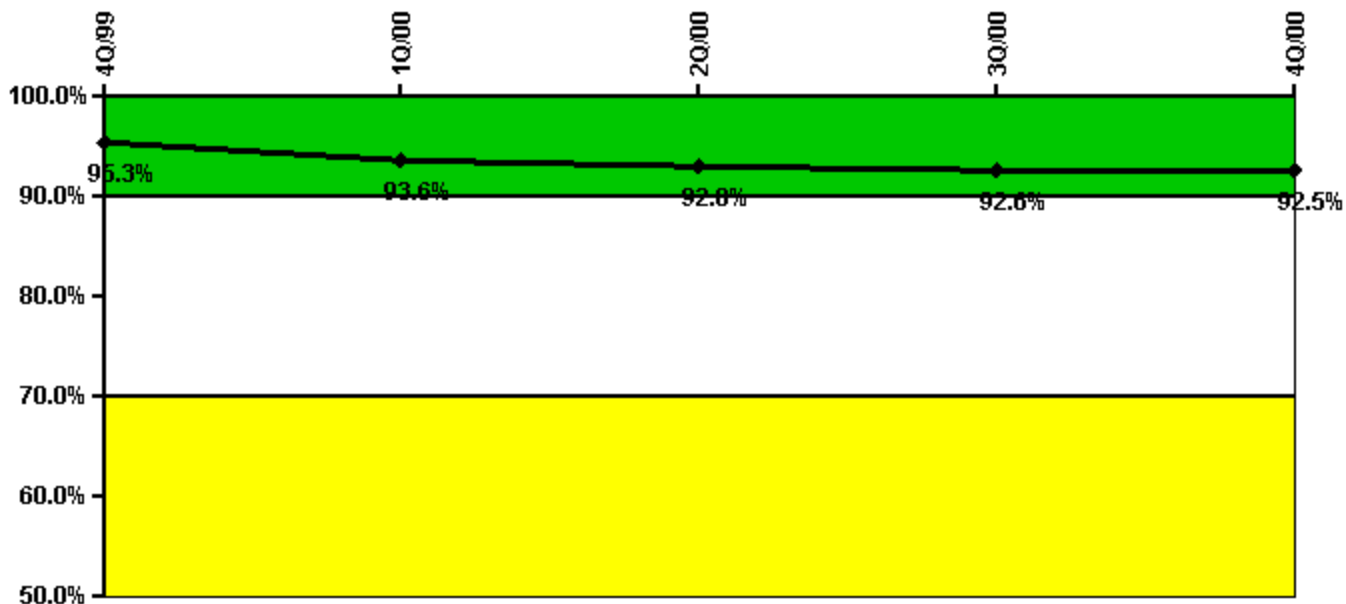
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00
Maximum leakage	7.630	5.000	5.610	5.350	5.090	5.290	5.350	5.340	5.490	5.520	4.650	4.720
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	30.5	20.0	22.4	21.4	20.4	21.2	21.4	21.4	22.0	22.1	18.6	18.9

Licensee Comments: none

Drill/Exercise Performance



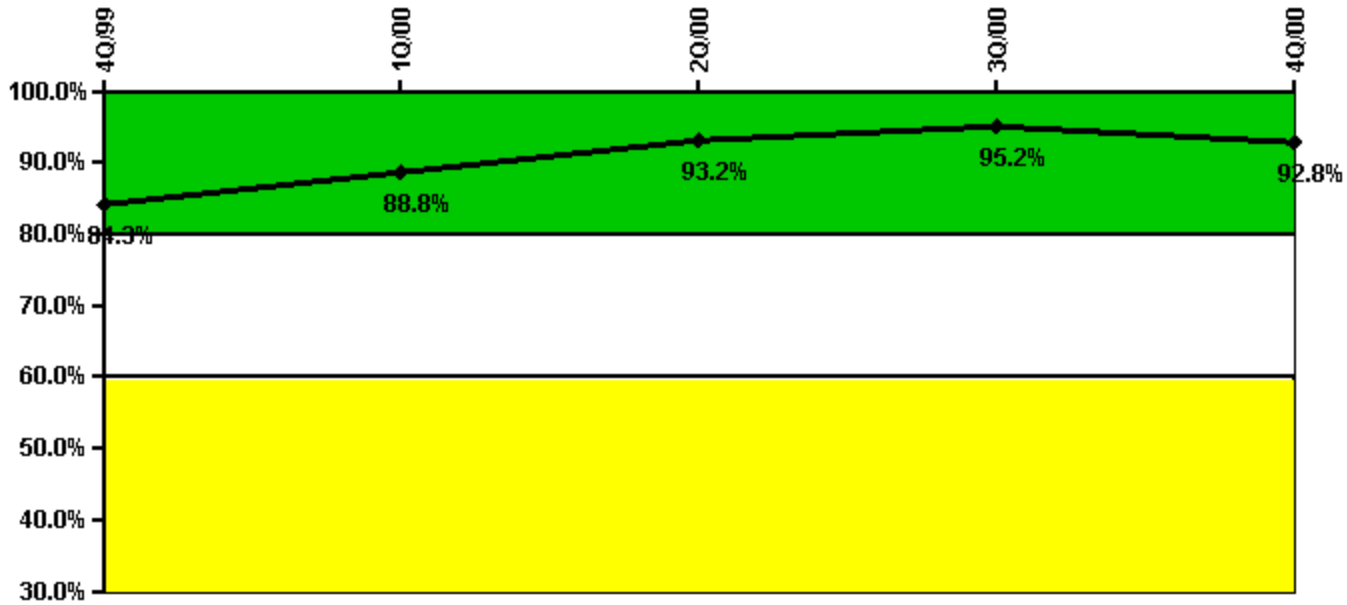
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Successful opportunities	23.0	37.0	128.0	16.0	0
Total opportunities	25.0	43.0	140.0	18.0	0
Indicator value	95.3%	93.6%	92.8%	92.6%	92.5%

Licensee Comments: none

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

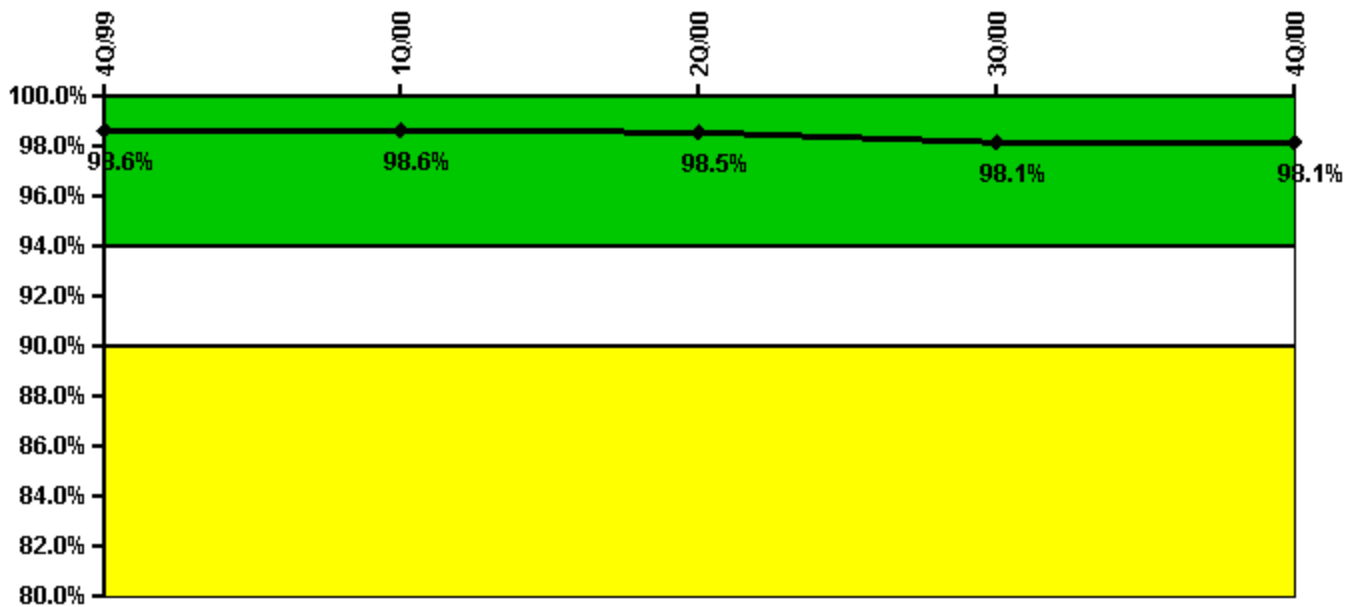
Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Participating Key personnel	75.0	79.0	82.0	79.0	77.0
Total Key personnel	89.0	89.0	88.0	83.0	83.0
Indicator value	84.3%	88.8%	93.2%	95.2%	92.8%

Licensee Comments:

3Q/00: In a review of data it was identified that an employee who filled an ERO position left the company in September

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Successful siren-tests	331	291	331	283	290
Total sirens-tests	336	294	336	294	294
Indicator value	98.6%	98.6%	98.5%	98.1%	98.1%

Licensee Comments: none

Occupational Exposure Control Effectiveness



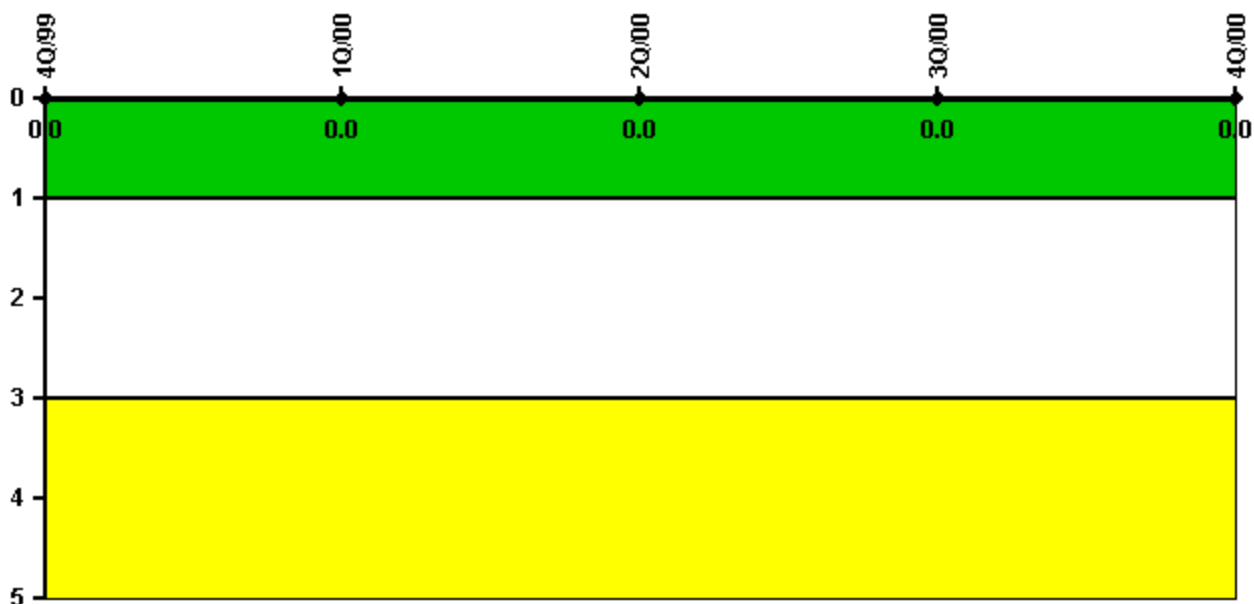
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
High radiation area occurrences	1	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0
Indicator value	1	1	1	1	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



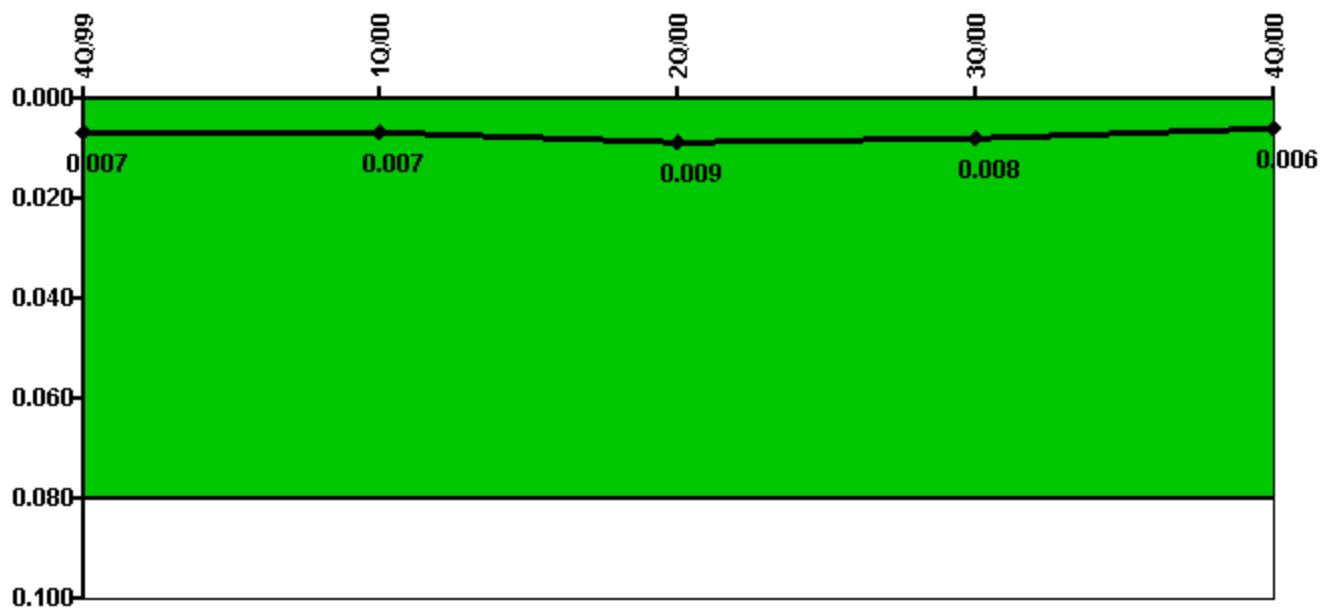
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
RETS/ODCM occurrences	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index



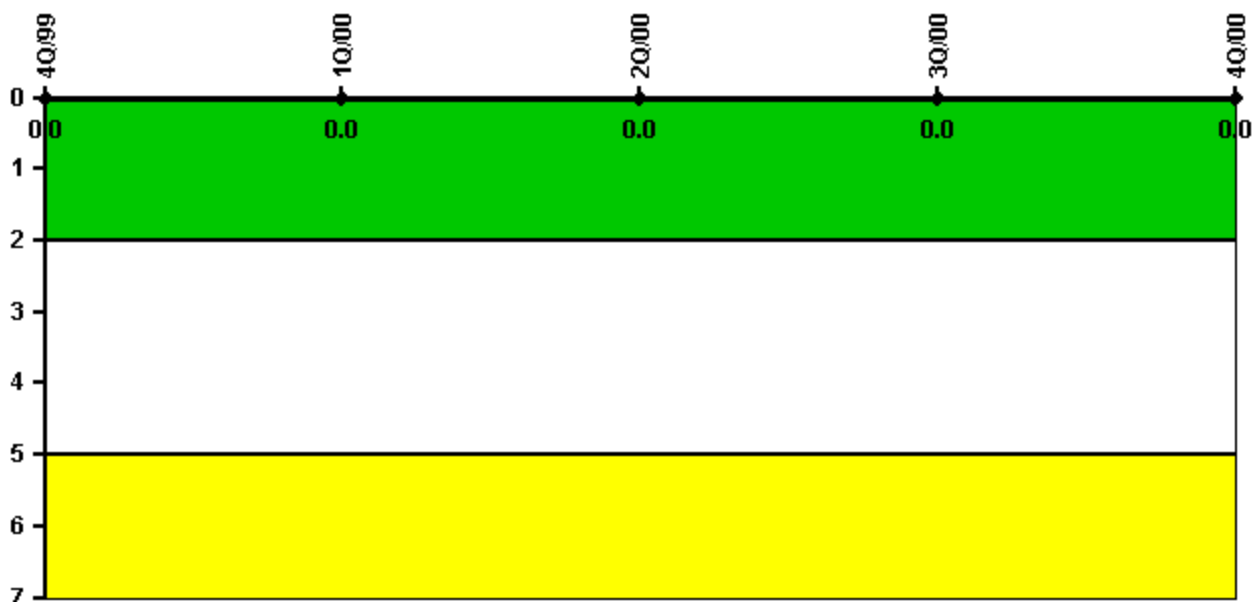
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
IDS compensatory hours	75.20	65.50	87.10	23.05	29.52
CCTV compensatory hours	5.0	2.0	0	0.8	0
IDS normalization factor	1.95	1.95	1.95	1.95	1.95
CCTV normalization factor	1.5	1.5	1.5	1.5	1.5
Index Value	0.007	0.007	0.009	0.008	0.006

Licensee Comments: none

Personnel Screening Program



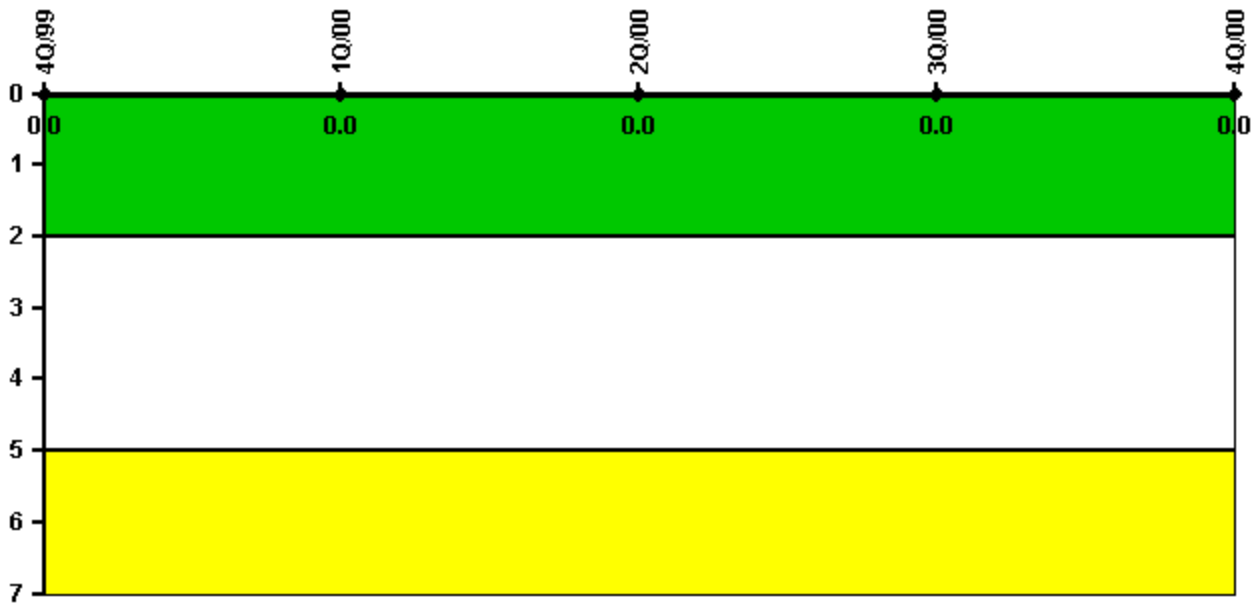
Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Program failures	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Program Failures	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

▲ [PI Summary](#) | [Inspection Findings Summary](#) | [Action Matrix Summary](#) | [Reactor Oversight Process](#)

Last Modified: March 28, 2002