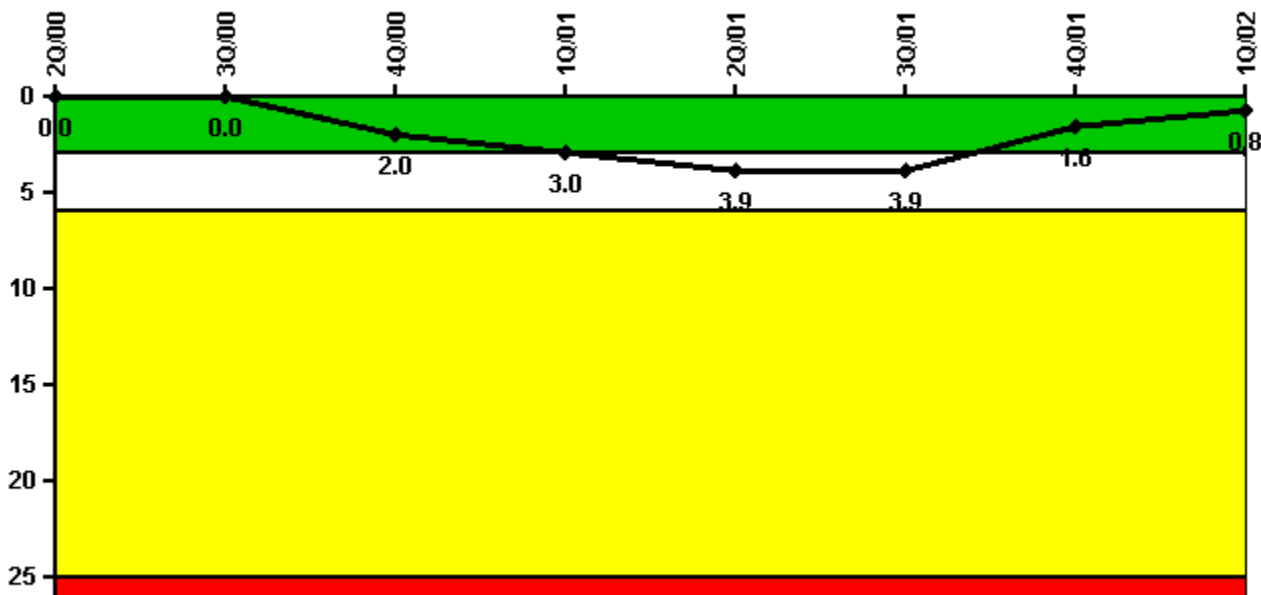


Point Beach 2

1Q/2002 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



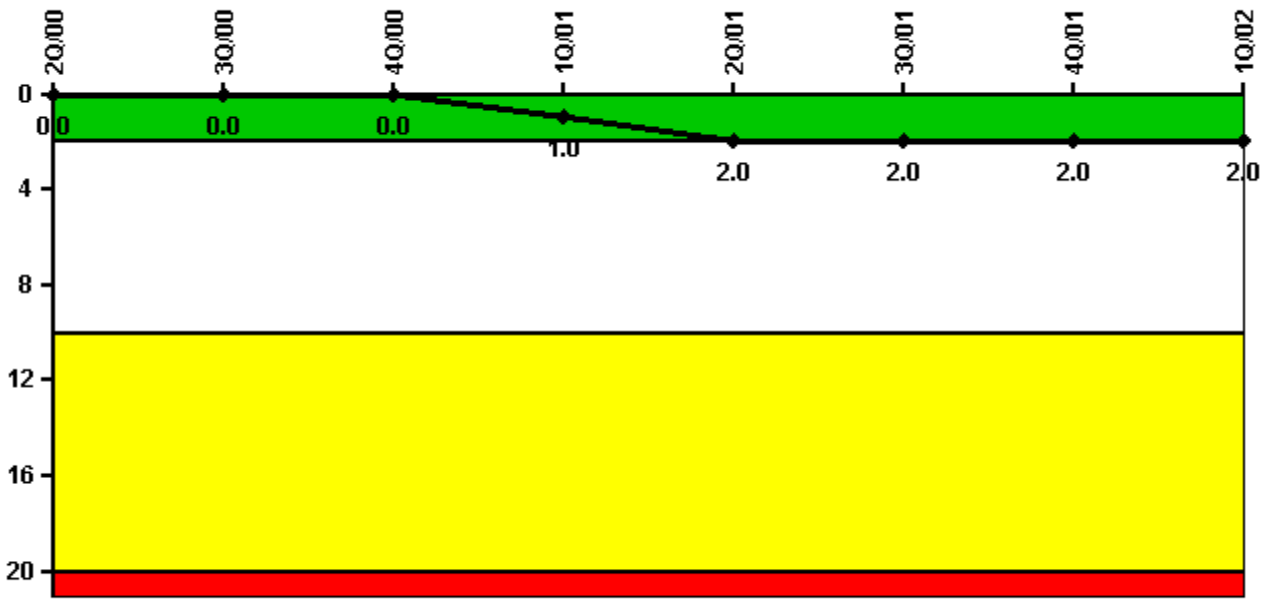
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Unplanned scrams	0	0	2.0	1.0	1.0	0	0	0
Critical hours	2086.5	2208.0	688.7	2119.8	2143.2	2208.0	2209.0	2096.6
Indicator value	0	0	2.0	3.0	3.9	3.9	1.6	0.8

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



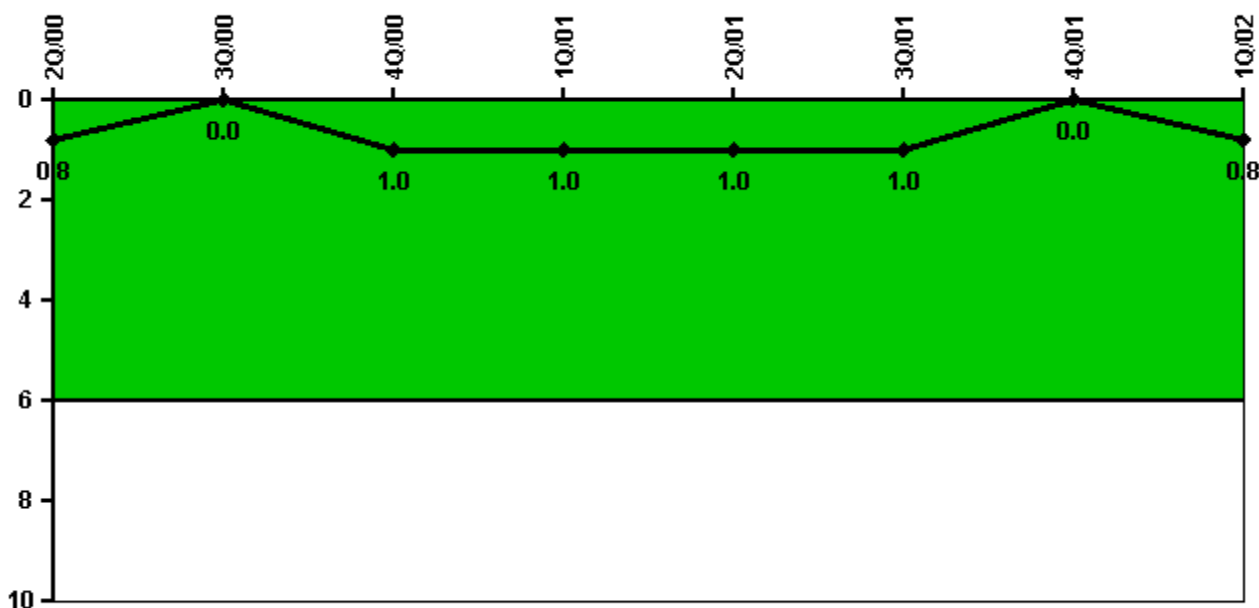
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Scrams	0	0	0	1.0	1.0	0	0	0
Indicator value	0	0	0	1.0	2.0	2.0	2.0	2.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

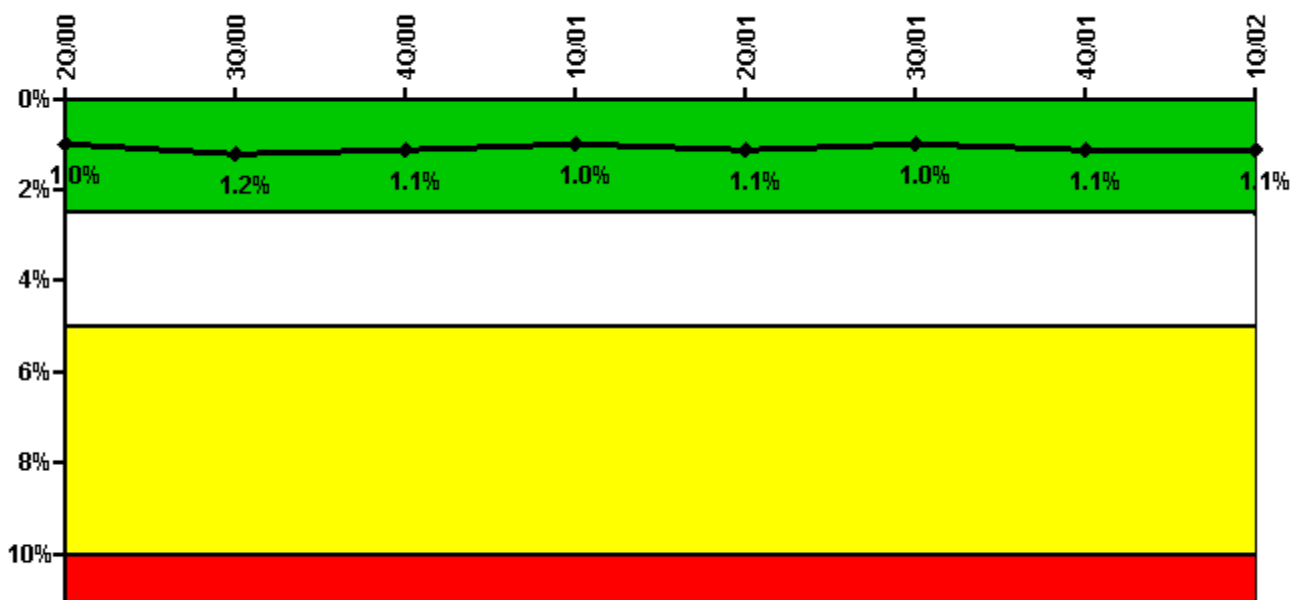
Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Unplanned power changes	0	0	1.0	0	0	0	0	1.0
Critical hours	2086.5	2208.0	688.7	2119.8	2143.2	2208.0	2209.0	2096.6
Indicator value	0.8	0	1.0	1.0	1.0	1.0	0	0.8

Licensee Comments:

1Q/02: 2/22/02: Shutdown due to 72 hr LCO entry for 2P-15B SI pump failure most likely caused by gas binding as a result of check valve leakage. Subcritical 02/22/02 1926 - 02/25/02 1051.

Safety System Unavailability, Emergency AC Power



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

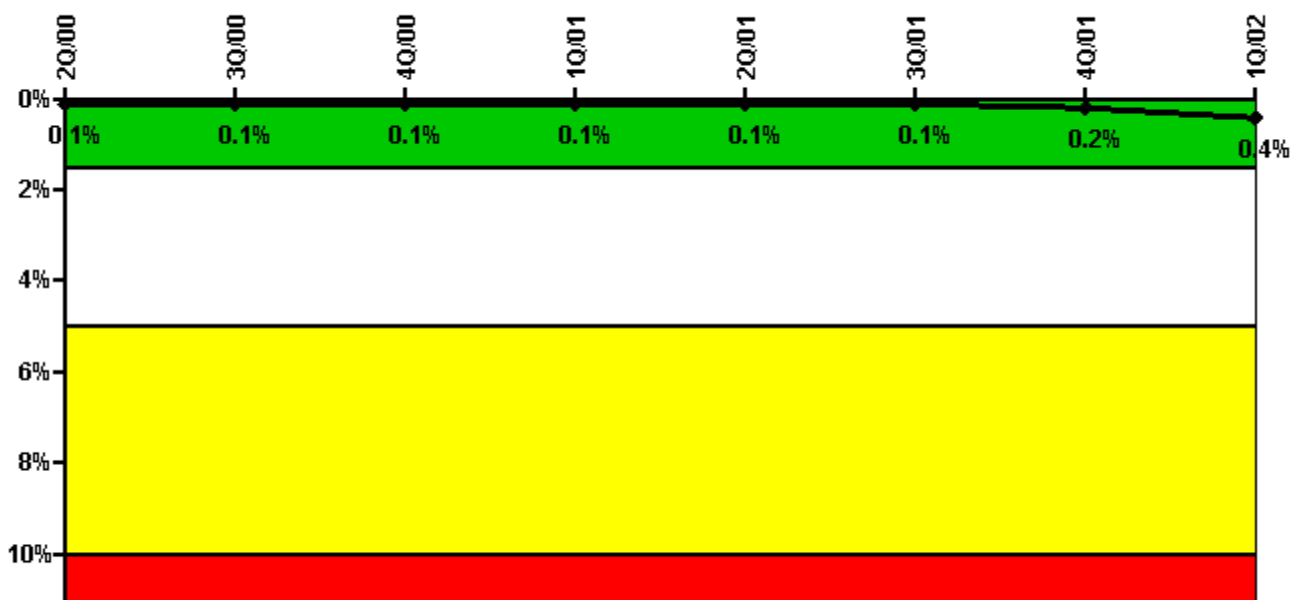
Notes

Safety System Unavailability, Emergency AC Power	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	29.20	33.50	17.70	17.22	23.61	18.78	14.67	60.77
Unplanned unavailable hours	0	3.57	0	0	0	0	0.43	0
Fault exposure hours	0	13.88	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	2160.00
Train 2								
Planned unavailable hours	18.87	46.43	11.95	35.88	34.30	16.36	62.83	12.02
Unplanned unavailable hours	3.28	6.52	0	0	0	0	0	5.98
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	2160.00
Indicator value	1.0%	1.2%	1.1%	1.0%	1.1%	1.0%	1.1%	1.1%

Licensee Comments:

1Q/02: T/2 Fault Exposure (334.30 hours) for Train 2 (G04) from 12/23/01 1317 to 1/20/02 0954 due to R4 pot failure is not entered, per NEI 99-02 Rev 2.

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/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	1.56	15.26	0.54	2.66	3.20	4.87	11.02	21.05
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	2087.00	2208.00	688.45	2160.00	2143.20	2208.00	2209.00	2209.00
Train 2								
Planned unavailable hours	0.75	15.89	0	0.52	0.77	3.38	8.38	51.46
Unplanned unavailable hours	0	0	0	0	0	0	0	72.63
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2087.00	2208.00	688.45	2160.00	2143.20	2208.00	2209.00	2118.00
Indicator value	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.2%	0.4%

Licensee Comments:

1Q/02: T/2 fault exposure of 322.87 hours for half the time between 1/24/02 and 2/20/02 per NEI 99-02, Rev 2. 2P-15B seized upon startup for the monthly motor bearing lubrication run on 2/20/02. The most likely cause is gas binding as a result of check valve leakage. Additional evaluation is in progress.

4Q/01: 1Q/02: Engineering review corrected hours as a result of a corrective action (CA 002472 aka CR 01-3365) that requested inclusion of OI-100 fills from 1/2000 to present.

3Q/01: 1Q/02: Engineering review corrected hours as a result of a corrective action (CA 002472 aka CR 01-3365) that requested inclusion of OI-100 fills from 1/2000 to present.

2Q/01: 1Q/02: Engineering review corrected hours as a result of a corrective action (CA 002472 aka CR 01-3365) that requested inclusion of OI-100 fills from 1/2000 to present.

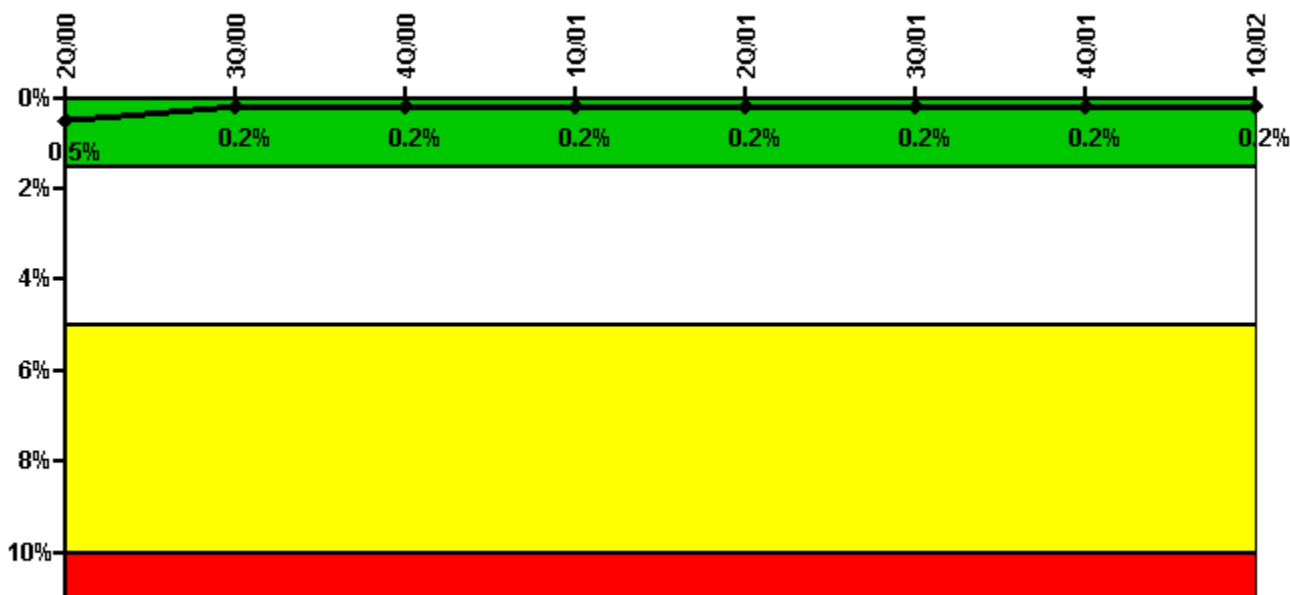
1Q/01: 1Q/02: Engineering review corrected hours as a result of a corrective action (CA 002472 aka CR 01-3365) that requested inclusion of OI-100 fills from 1/2000 to present.

4Q/00: 1Q/02: Engineering review corrected hours as a result of a corrective action (CA 002472 aka CR 01-3365) that

Required hours	2183.00	2208.00	931.85	2160.00	2183.00	2208.00	2209.00	2117.03
Indicator value	0.9%	1.0%	0.9%	1.0%	1.0%	1.1%	1.0%	1.0%

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/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	23.02	9.40	6.33	1.25	0.92	2.80	8.49	2.27
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	1795.87	2119.80	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	0.83	7.44	7.52	1.65	0.78	2.32	6.94	0.59
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	1740.32	2119.80	2183.00	2208.00	2209.00	2160.00
Indicator value	0.5%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%

Licensee Comments:

4Q/01: 1Q/02: Engineering review corrected hours as a result of a corrective action (CA 002472 aka CR 01-3365) that requested inclusion of OI-100 fills from 1/2000 to present.

3Q/01: 3Q/01: A FAQ has been submitted regarding redundant support system component unavailability. 1Q/02: Engineering

review corrected hours as a result of a corrective action (CA 002472 aka CR 01-3365) that requested inclusion of OI-100 fills from 1/2000 to present.

2Q/01: 1Q/02: Engineering review corrected hours as a result of a corrective action (CA 002472 aka CR 01-3365) that requested inclusion of OI-100 fills from 1/2000 to present.

1Q/01: 1Q/02: Engineering review corrected hours as a result of a corrective action (CA 002472 aka CR 01-3365) that requested inclusion of OI-100 fills from 1/2000 to present.

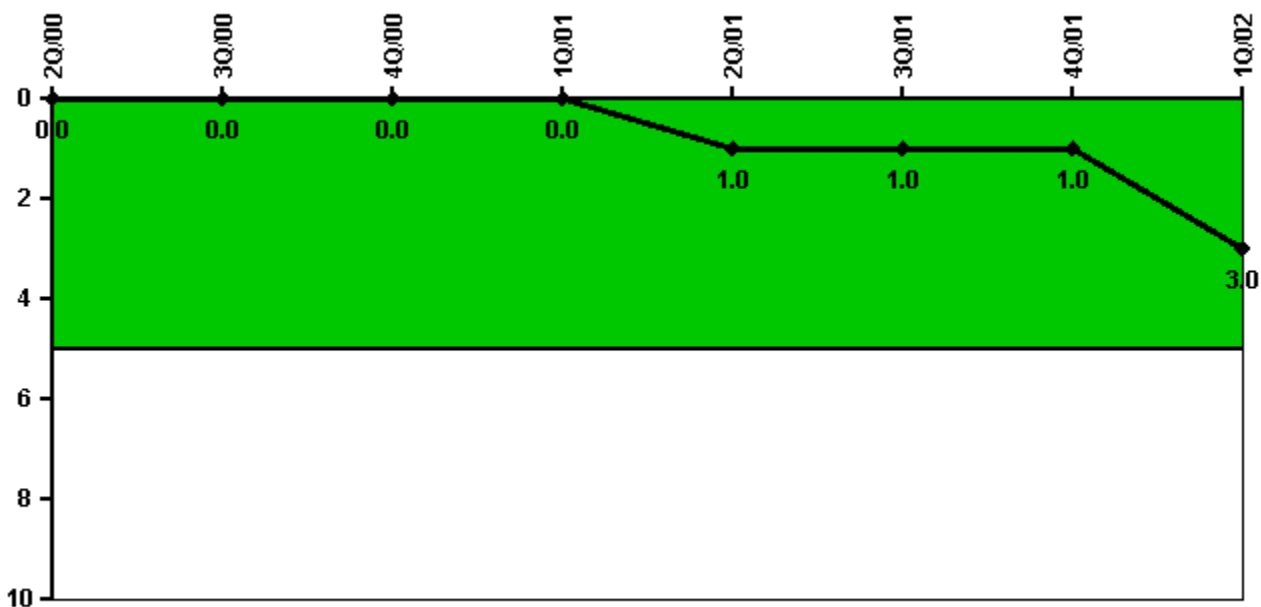
4Q/00: 1Q/02: Engineering review corrected hours as a result of a corrective action (CA 002472 aka CR 01-3365) that requested inclusion of OI-100 fills from 1/2000 to present.

3Q/00: 1Q/02: Engineering review corrected hours as a result of a corrective action (CA 002472 aka CR 01-3365) that requested inclusion of OI-100 fills from 1/2000 to present.

2Q/00: 1Q/02: Engineering review corrected hours as a result of a corrective action (CA 002472 aka CR 01-3365) that requested inclusion of OI-100 fills from 1/2000 to present.

1Q/00: 1Q/02: Engineering review corrected hours as a result of a corrective action (CA 002472 aka CR 01-3365) that requested inclusion of OI-100 fills from 1/2000 to present.

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

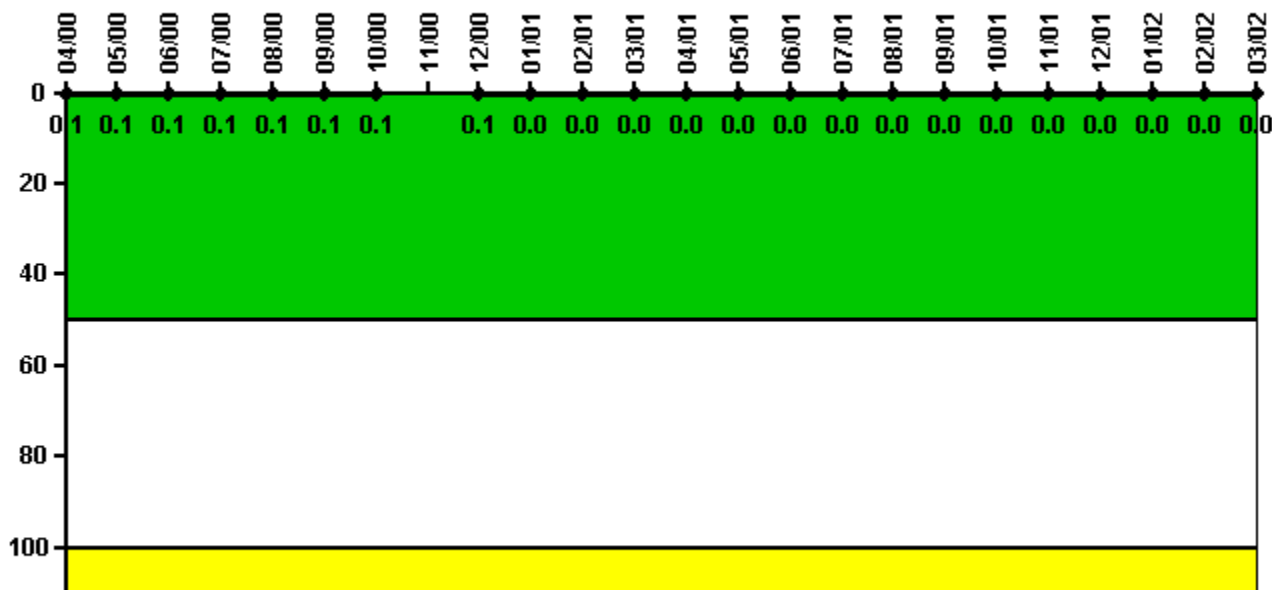
Safety System Functional Failures (PWR)	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Safety System Functional Failures	0	0	0	0	1	0	0	2
Indicator value	0	0	0	0	1	1	1	3

Licensee Comments:

1Q/02: LER 266/2001-005-00, "PRA Assessment of Auxiliary Feedwater System Reveals Procedural Vulnerability Related to Loss of Instrument Air." This report was submitted to the NRC on January 28, 2002, (NRC 2002-012). LER 266/2001-006-00, "Appendix R Requirements Not Satisfied for Unanalyzed Fire Induced Damage to the AFW System." This event was identified as

a potential Safety System Functional Failure.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

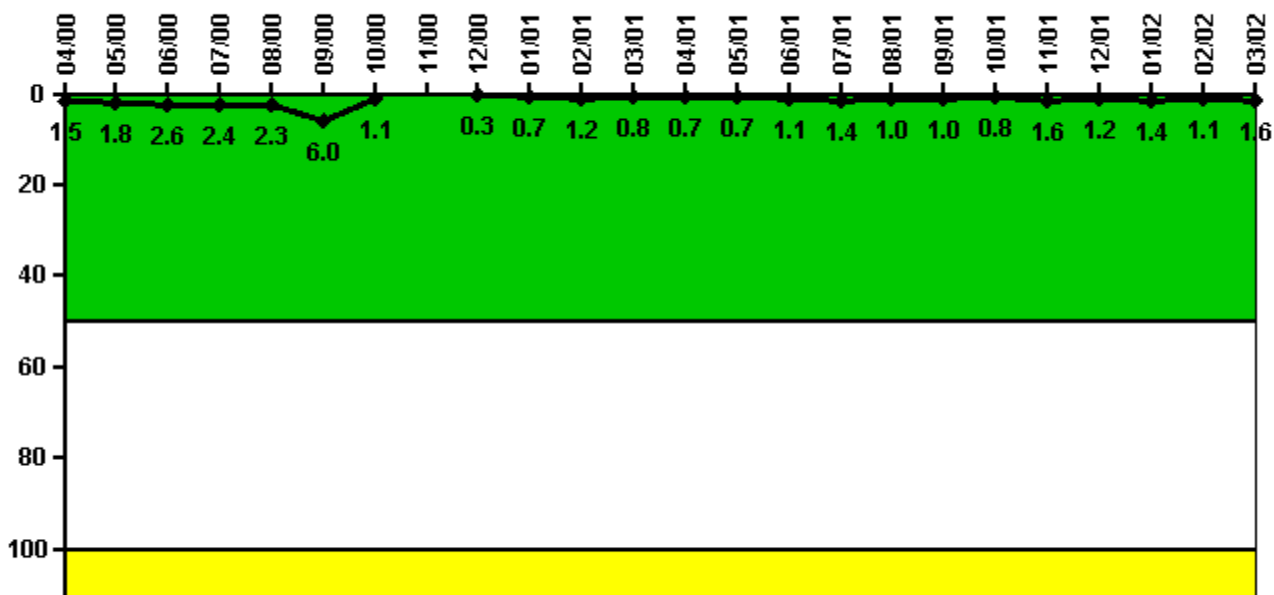
Notes

Reactor Coolant System Activity	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00	1/01	2/01	3/01
Maximum activity	0.000653	0.000601	0.000579	0.000650	0.000655	0.000642	0.000660	N/A	0.000464	0.000243	0.000262	0.000263
Technical specification limit	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.1	N/A	0.1	0	0	0

Reactor Coolant System Activity	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02
Maximum activity	0.000294	0.000297	0.000291	0.000350	0.000306	0.000284	0.000280	0.000289	0.000298	0.000332	0.000321	0.000355
Technical specification limit	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

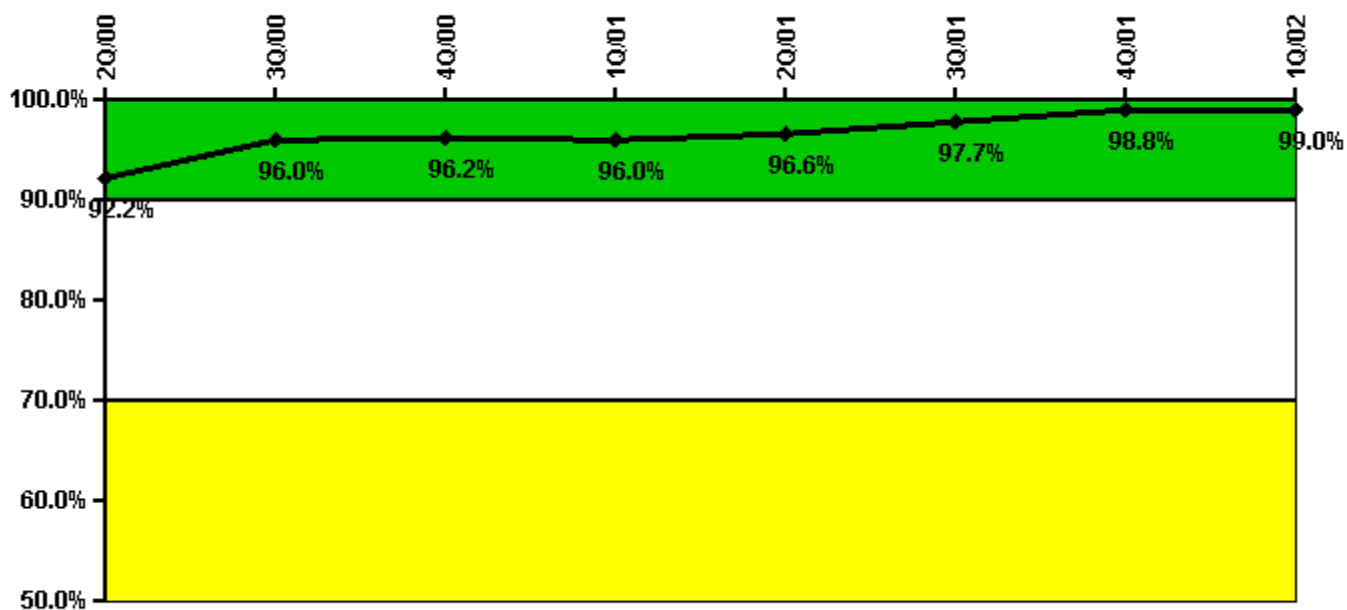
Notes

Reactor Coolant System Leakage	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00	1/01	2/01	3/01
Maximum leakage	0.150	0.182	0.257	0.241	0.230	0.598	0.106	N/A	0.033	0.068	0.120	0.078
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	1.5	1.8	2.6	2.4	2.3	6.0	1.1	N/A	0.3	0.7	1.2	0.8

Reactor Coolant System Leakage	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02
Maximum leakage	0.066	0.071	0.105	0.136	0.100	0.104	0.079	0.162	0.123	0.140	0.110	0.158
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	0.7	0.7	1.1	1.4	1.0	1.0	0.8	1.6	1.2	1.4	1.1	1.6

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

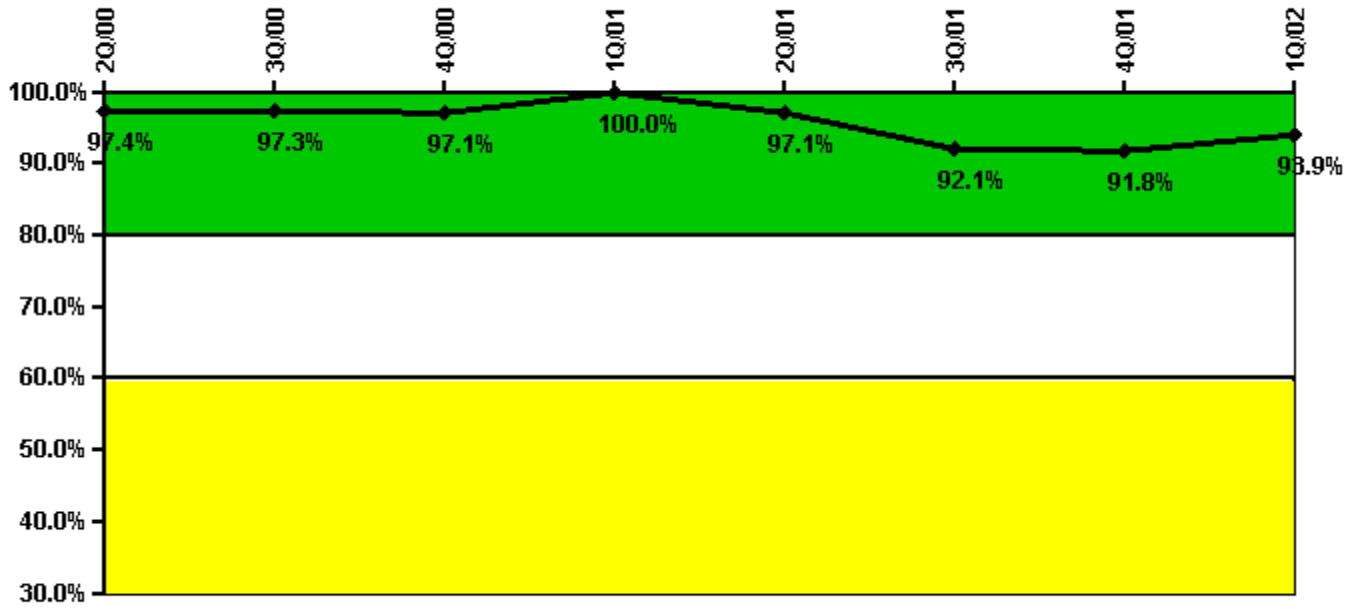
Notes

Drill/Exercise Performance	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Successful opportunities	14.0	14.0	30.0	4.0	2.0	4.0	15.0	12.0
Total opportunities	14.0	14.0	30.0	4.0	2.0	4.0	16.0	12.0
Indicator value	92.2%	96.0%	96.2%	96.0%	96.6%	97.7%	98.8%	99.0%

Licensee Comments:

1Q/02: Point Beach is reporting 12 of 12 successful PARs. One of these opportunities is still under discussion with the NRC, pending receipt of the inspection report.

ERO Drill Participation



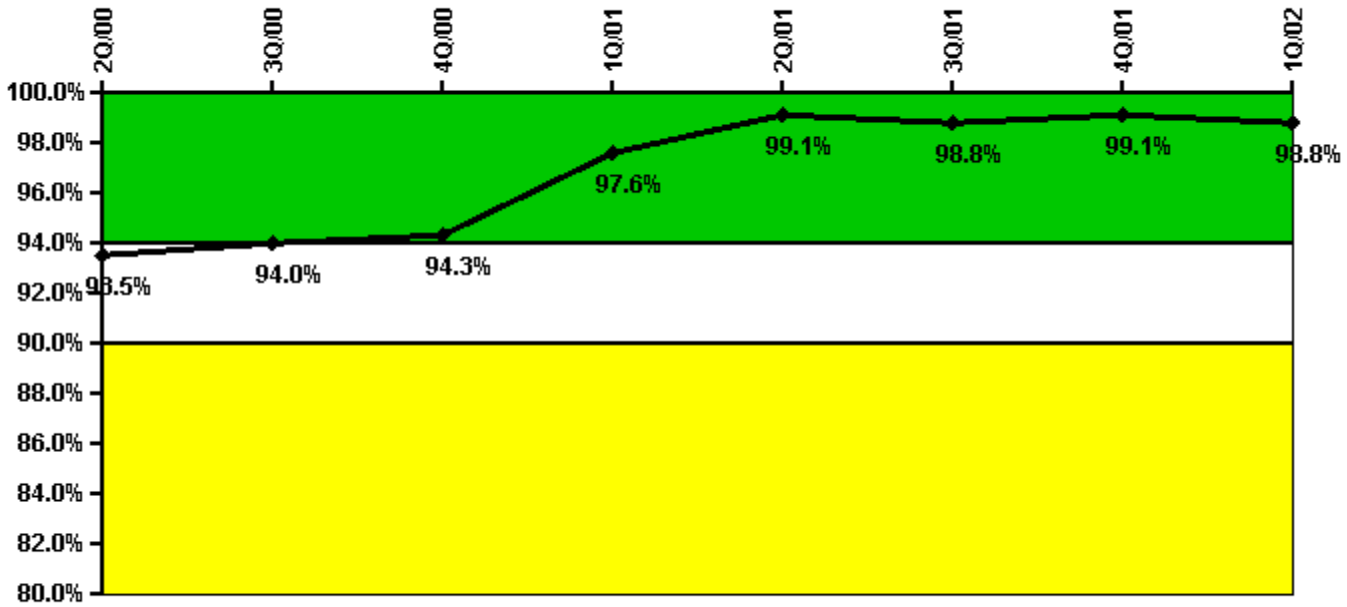
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Participating Key personnel	38.0	36.0	34.0	35.0	34.0	35.0	45.0	46.0
Total Key personnel	39.0	37.0	35.0	35.0	35.0	38.0	49.0	49.0
Indicator value	97.4%	97.3%	97.1%	100.0%	97.1%	92.1%	91.8%	93.9%

Licensee Comments: none

Alert & Notification System



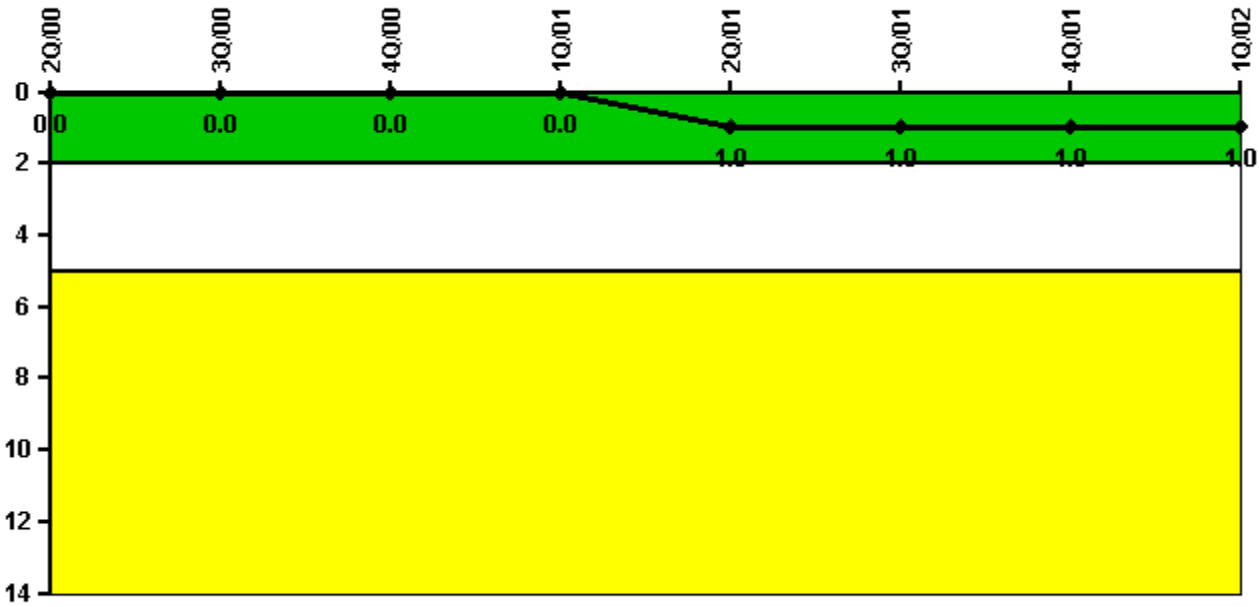
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Successful siren-tests	78	84	83	83	83	83	84	82
Total sirens-tests	84	84	84	84	84	84	84	84
Indicator value	93.5%	94.0%	94.3%	97.6%	99.1%	98.8%	99.1%	98.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



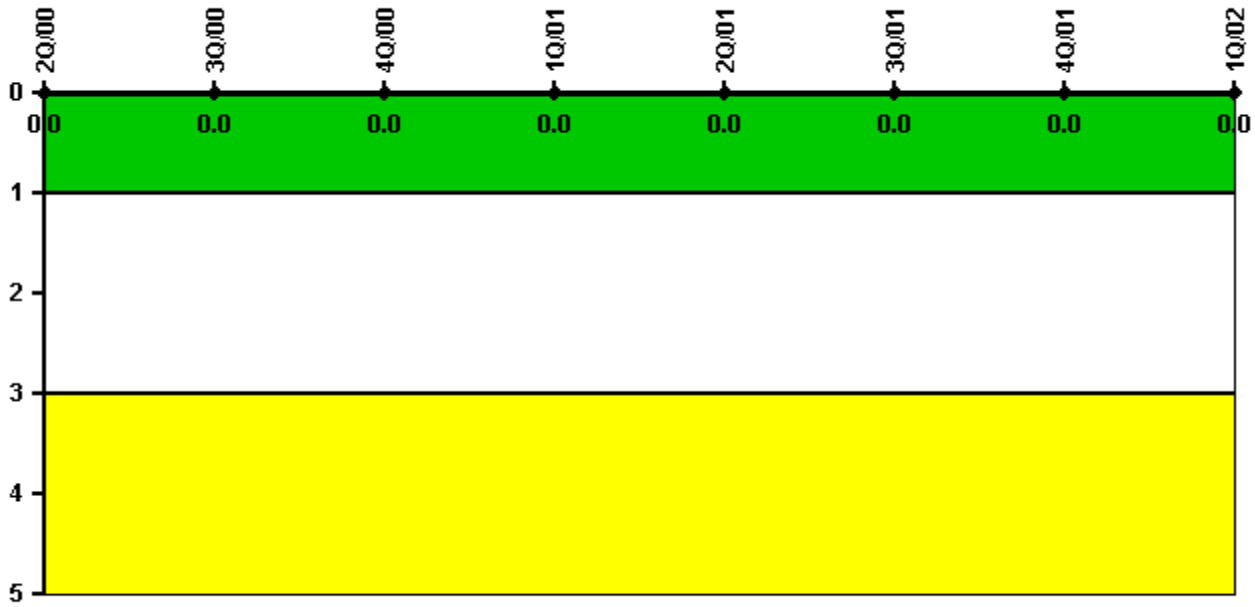
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
High radiation area occurrences	0	0	0	0	1	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	0	0	0	1	1	1	1

Licensee Comments: none

RETS/ODCM Radiological Effluent



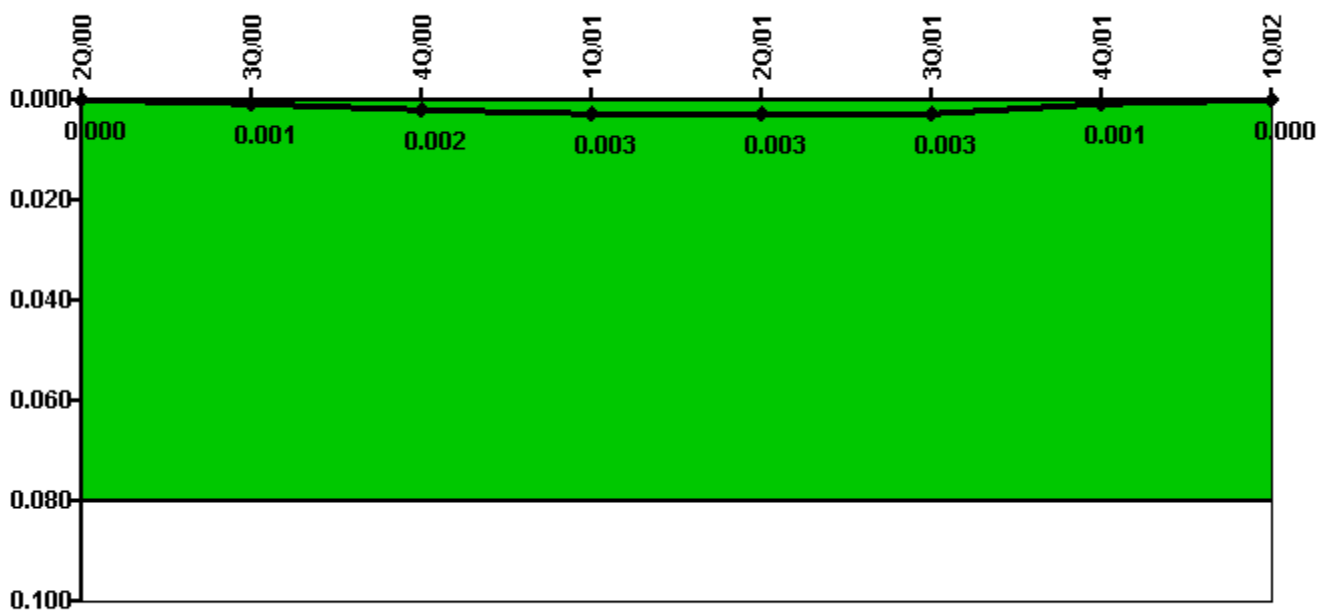
Thresholds: White > 1.0 Yellow > 3.0

Notes

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

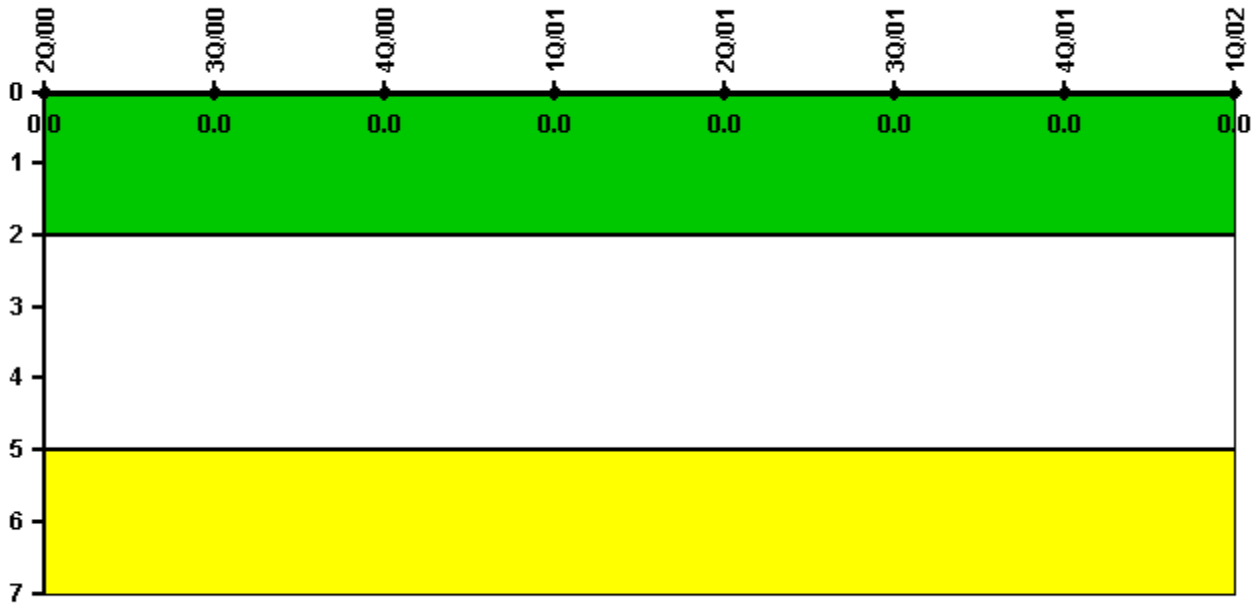
Notes

Protected Area Security Performance Index	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
IDS compensatory hours	0	0	0	19.50	0	0	0	0
CCTV compensatory hours	0	3.8	30.4	7.6	0	0	0	0
IDS normalization factor	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0	0.001	0.002	0.003	0.003	0.003	0.001	0

Licensee Comments:

1Q/02: Engineering evaluation indicated a need to upgrade the intrusion detection and assessment systems. IDS and CCTV systems scheduled for replacement in 2002. Typical compensatory hours for the IDS and CCTV are not counted in this indicator as allowed by the NEI 99-02, Rev 2 guidance.

Personnel Screening Program



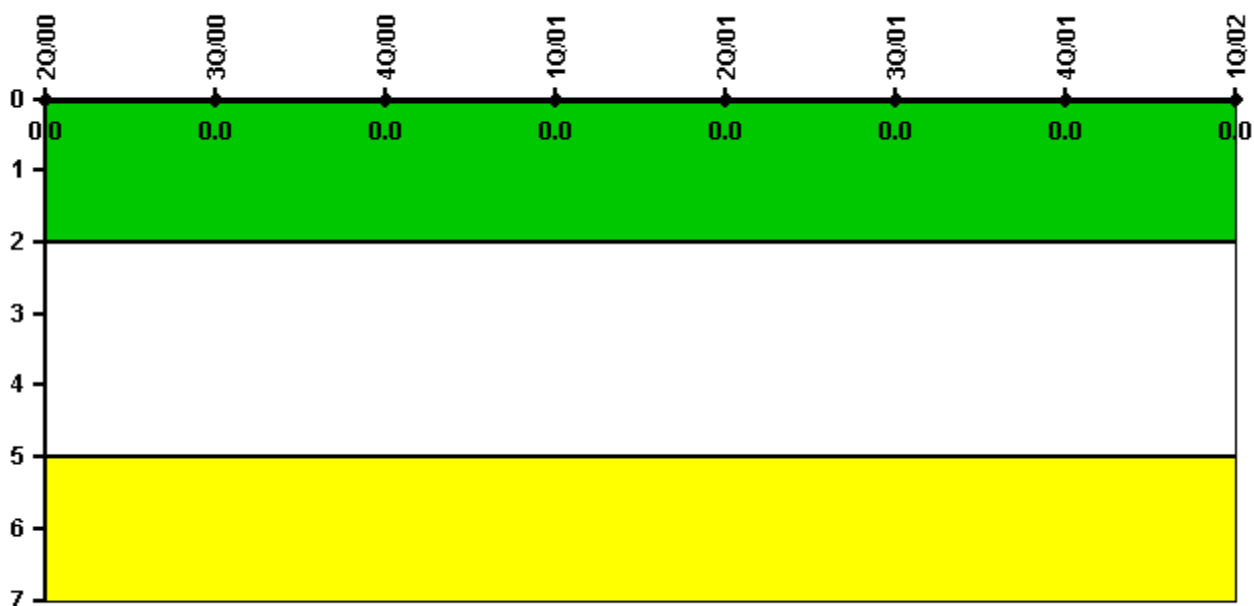
Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/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	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Program Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

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

Last Modified: May 1, 2002