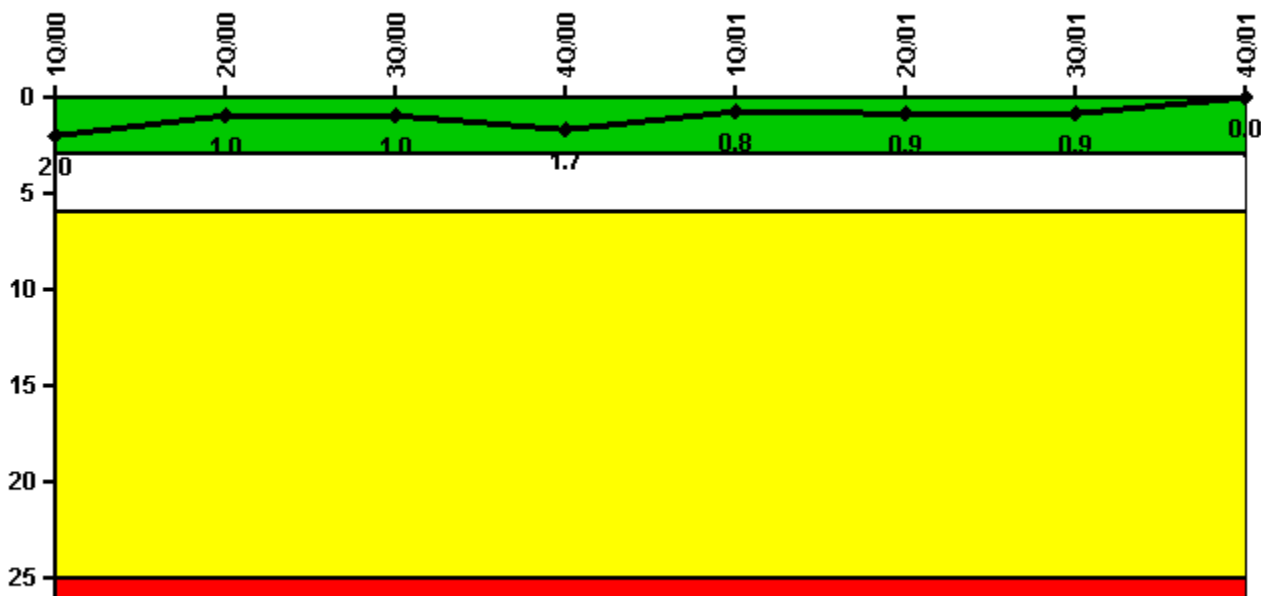


Point Beach 1

4Q/2001 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



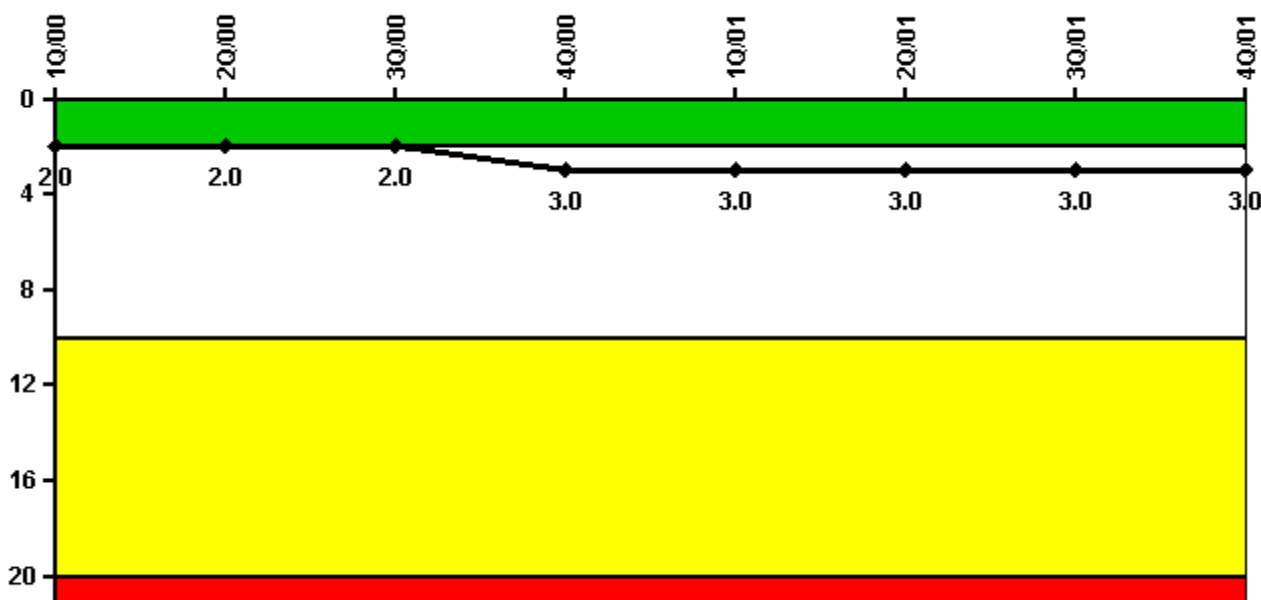
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Unplanned scrams	1.0	0	0	1.0	0	0	0	0
Critical hours	1828.2	2183.0	2208.0	2193.0	2160.0	1349.8	1961.6	2209.0
Indicator value	2.0	1.0	1.0	1.7	0.8	0.9	0.9	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

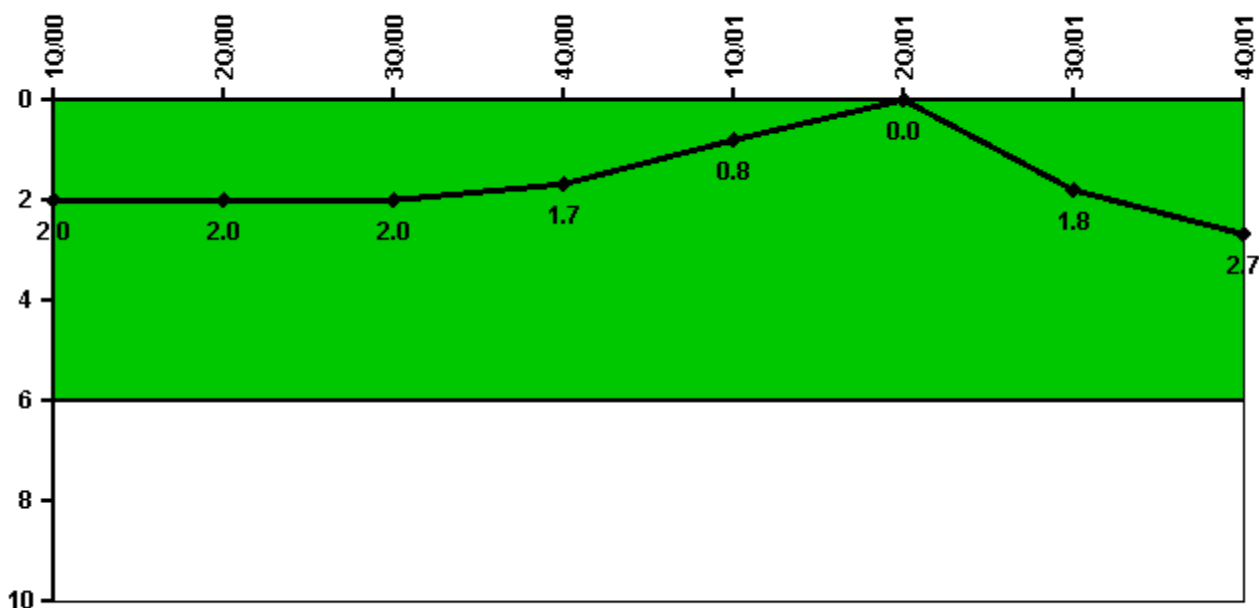
Notes

Scrams with Loss of Normal Heat Removal	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Scrams	1.0	0	0	1.0	0	0	0	0
Indicator value	2.0	2.0	2.0	3.0	3.0	3.0	3.0	3.0

Licensee Comments:

4Q/01: White indicator is a result of the following events: manual scram in response to feedwater heater leak (5/14/99), manual scram in response to freezing of the intake crib (1/21/00), and precautionary manual scram prompted by loss of communication with a diver (10/27/00).

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

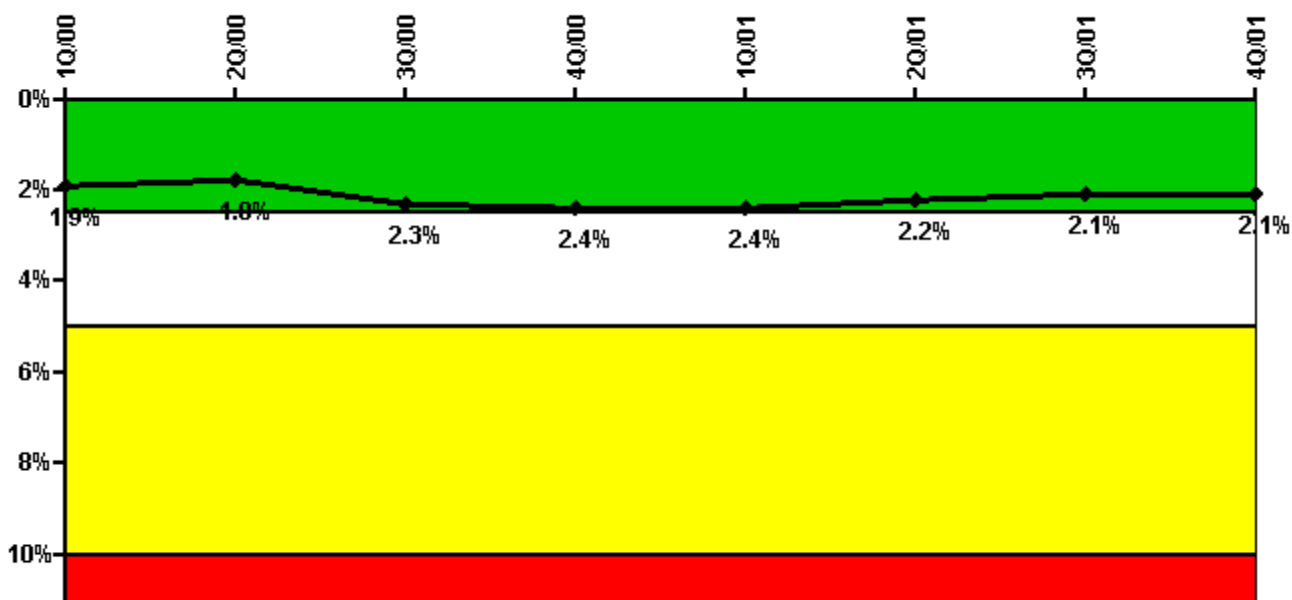
Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Unplanned power changes	1.0	1.0	0	0	0	0	2.0	1.0
Critical hours	1828.2	2183.0	2208.0	2193.0	2160.0	1349.8	1961.6	2209.0
Indicator value	2.0	2.0	2.0	1.7	0.8	0	1.8	2.7

Licensee Comments:

4Q/01: 12/18/01: Reduced power to 30% for ALARA considerations to support isolation of RCS leak on a sensing line to a pressure transmitter.

Safety System Unavailability, Emergency AC Power



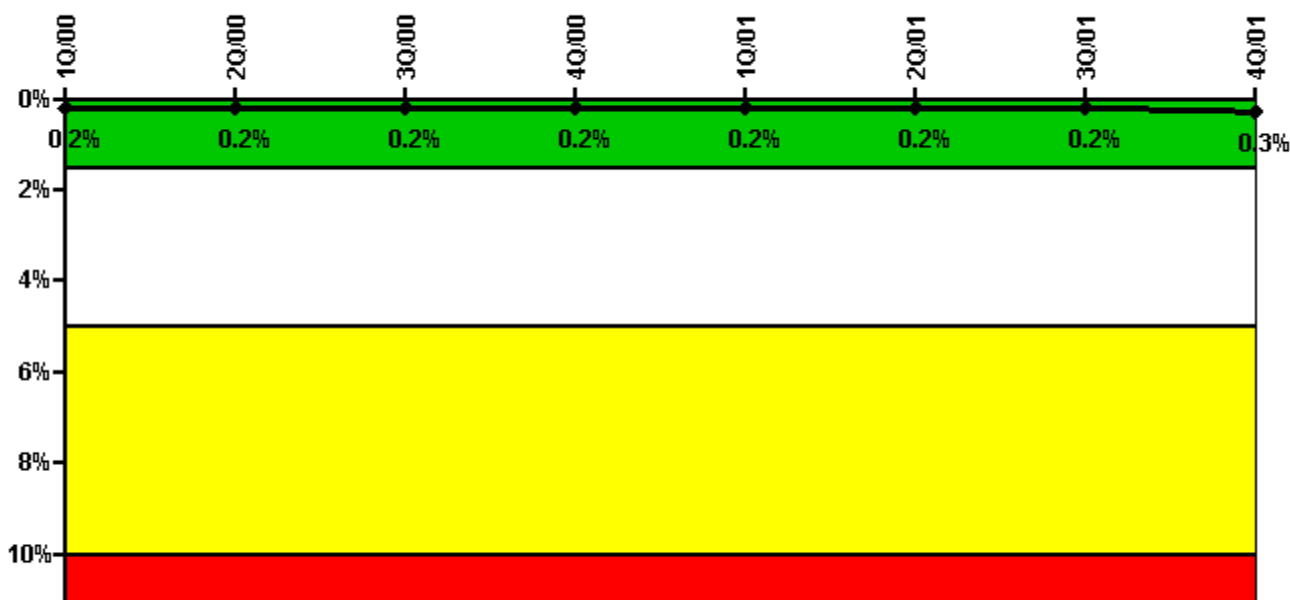
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	46.72	29.72	62.87	54.45	31.75	10.83	12.37	21.07
Unplanned unavailable hours	0	0	4.37	0.37	0	0	0	0
Fault exposure hours	0	0	585.47	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	13.13	15.93	17.82	29.68	49.82	24.47	22.59	24.60
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	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Indicator value	1.9%	1.8%	2.3%	2.4%	2.4%	2.2%	2.1%	2.1%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



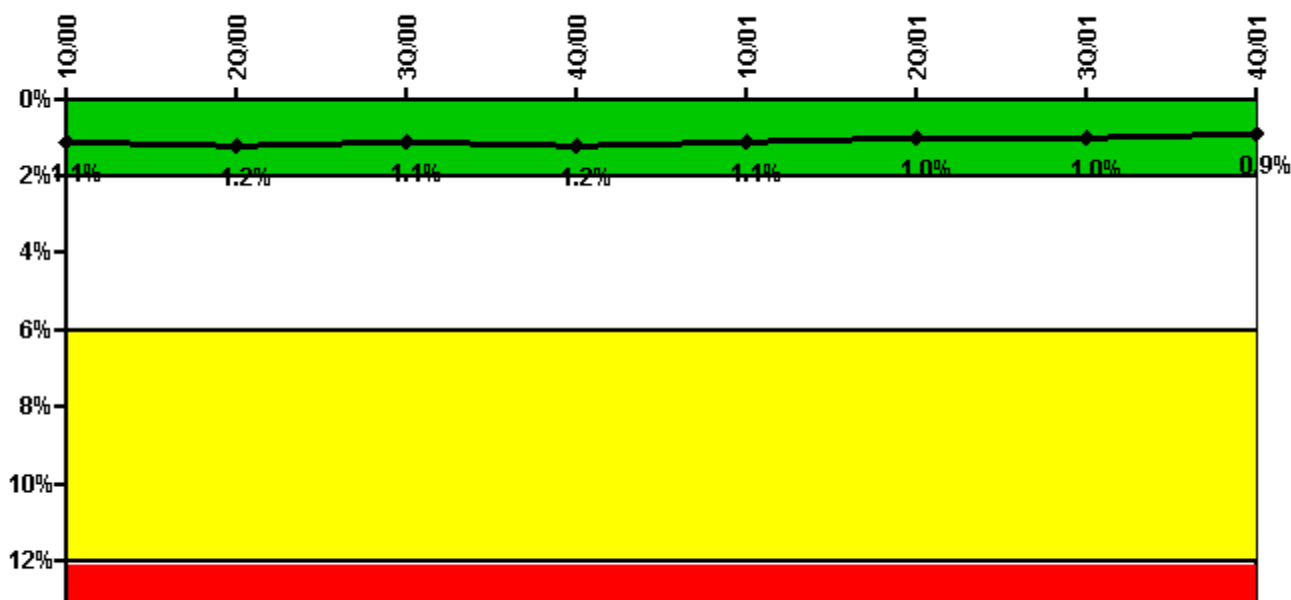
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	0.90	0	4.80	0	6.71	0.77	3.07	23.85
Unplanned unavailable hours	0	0	0	0	0	1.00	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	1835.60	2183.00	2208.00	2209.00	2160.00	1344.60	1961.60	2209.00
Train 2								
Planned unavailable hours	9.60	0	8.00	3.20	5.50	0	1.44	12.72
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	1835.60	2183.00	2208.00	2209.00	2160.00	1344.60	1961.60	2209.00
Indicator value	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.3%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



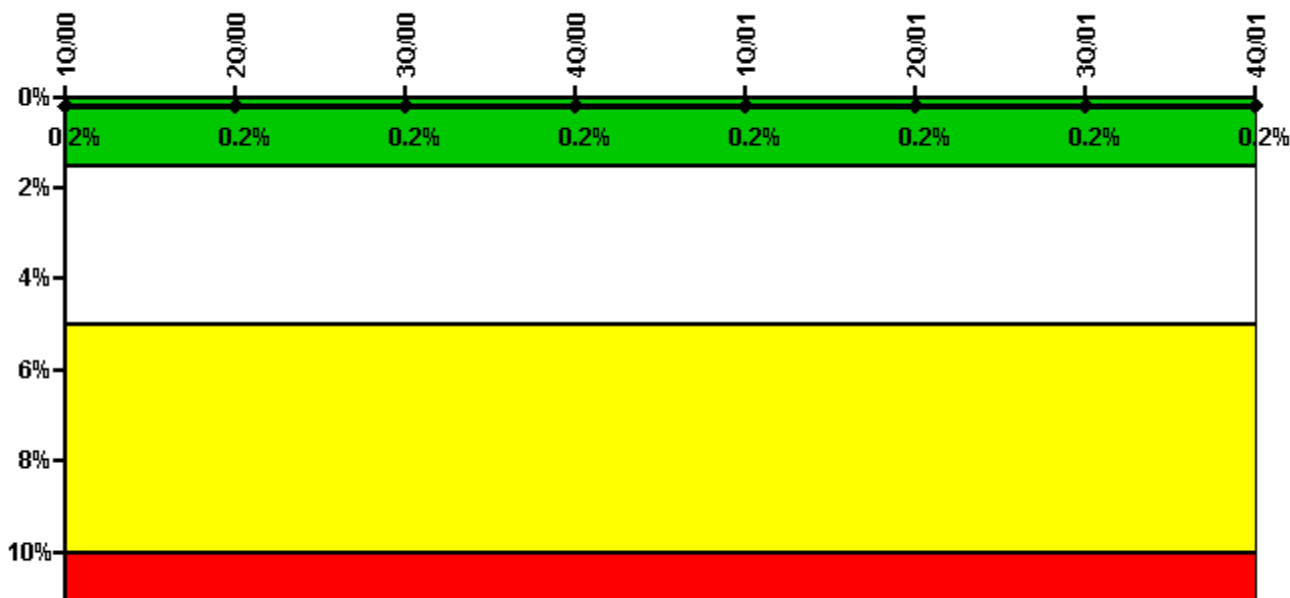
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	6.10	43.80	4.27	0.77	8.14	3.75	25.30	4.26
Unplanned unavailable hours	13.30	8.60	0	3.06	0	15.88	0	27.53
Fault exposure hours	0	0	0	0	0	0	0	13.23
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1967.50	2183.00	2208.00	2209.00	2160.00	1478.95	2016.00	2209.00
Train 2								
Planned unavailable hours	2.58	18.10	6.05	29.48	23.50	2.50	6.60	3.23
Unplanned unavailable hours	0	0	0	0.50	16.20	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	1967.50	2183.00	2208.00	2209.00	2160.00	1478.95	2016.00	2209.00
Train 3								
Planned unavailable hours	2.20	17.70	34.55	107.56	5.80	2.33	13.69	2.62
Unplanned unavailable hours	0	20.60	0	0	0.07	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	1967.50	2183.00	2208.00	2209.00	2160.00	1478.95	2016.00	2209.00
Indicator value	1.1%	1.2%	1.1%	1.2%	1.1%	1.0%	1.0%	0.9%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



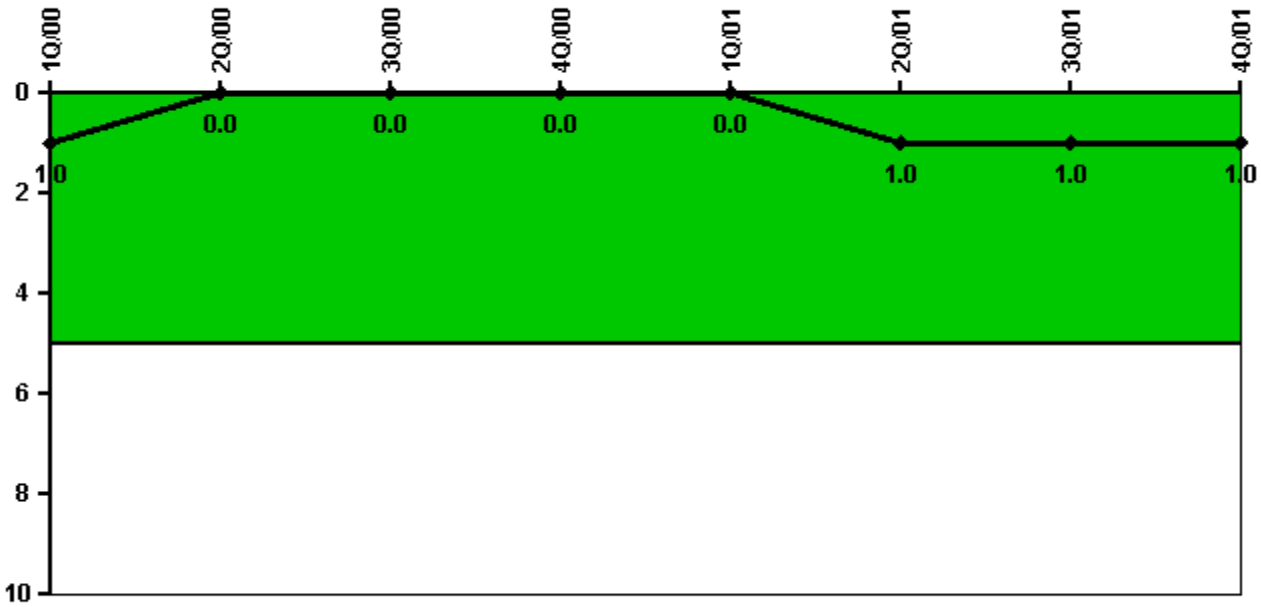
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	0.80	0	7.00	0	19.00	9.80	26.50	2.87
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	2184.00	2183.00	2208.00	2209.00	2160.00	1968.90	2208.00	2209.00
Train 2								
Planned unavailable hours	0.70	0	0	0	16.67	5.85	0.65	2.36
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	2184.00	2183.00	2208.00	2209.00	2160.00	1968.90	2208.00	2209.00
Indicator value	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%

Licensee Comments: none

Safety System Functional Failures (PWR)



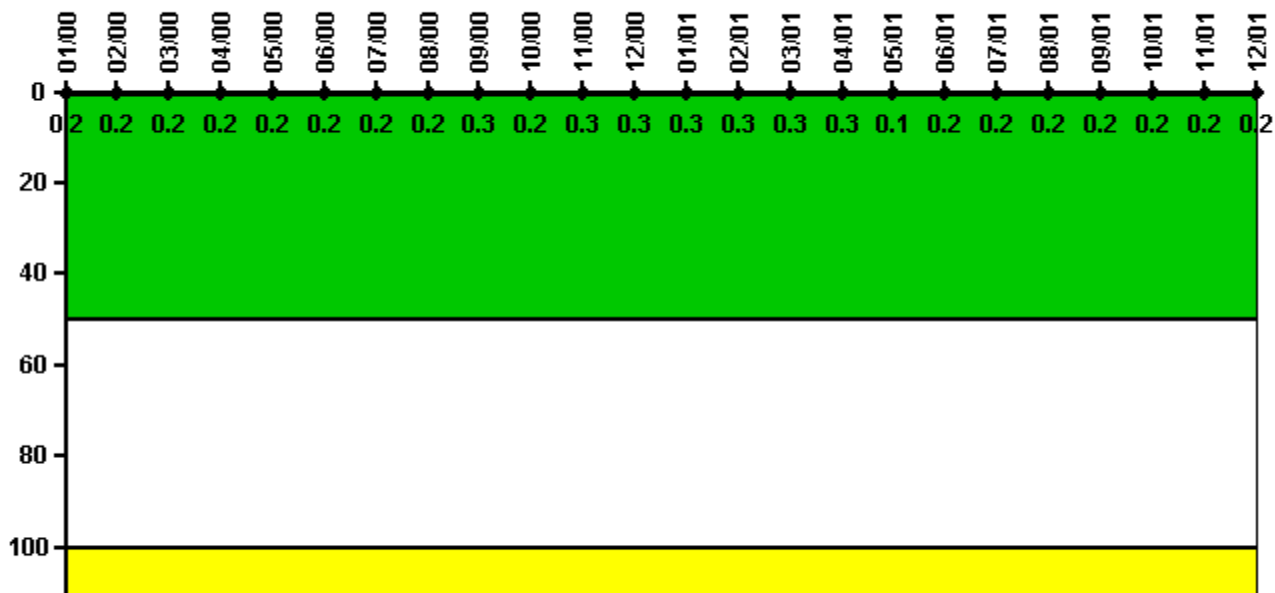
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

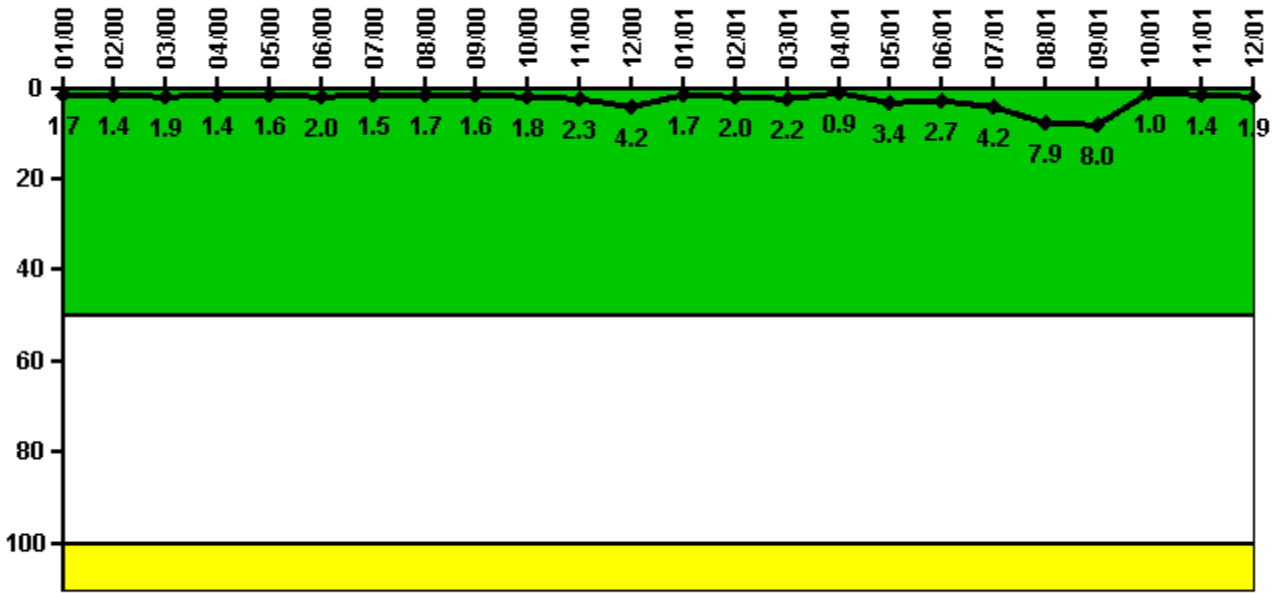
Notes

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	0.001310	0.001430	0.001550	0.001500	0.001660	0.001770	0.001790	0.001920	0.002000	0.001920	0.002030	0.002110
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	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.3

Reactor Coolant System Activity	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01
Maximum activity	0.002210	0.002250	0.002320	0.002310	0.001100	0.001200	0.001260	0.001370	0.001250	0.001350	0.001420	0.001500
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	0.3	0.3	0.3	0.3	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

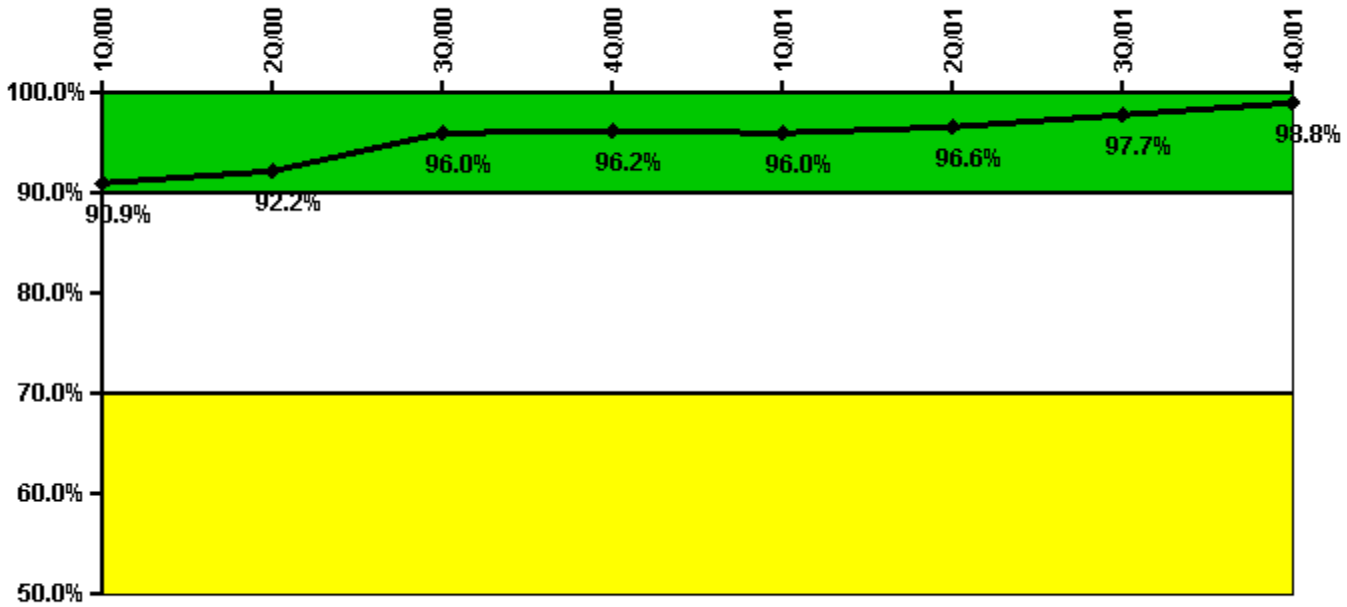
Notes

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	0.170	0.140	0.190	0.144	0.156	0.200	0.146	0.170	0.163	0.180	0.230	0.416
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	1.7	1.4	1.9	1.4	1.6	2.0	1.5	1.7	1.6	1.8	2.3	4.2

Reactor Coolant System Leakage	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01
Maximum leakage	0.167	0.200	0.220	0.090	0.336	0.270	0.420	0.786	0.800	0.096	0.140	0.186
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	1.7	2.0	2.2	0.9	3.4	2.7	4.2	7.9	8.0	1.0	1.4	1.9

Licensee Comments: none

Drill/Exercise Performance



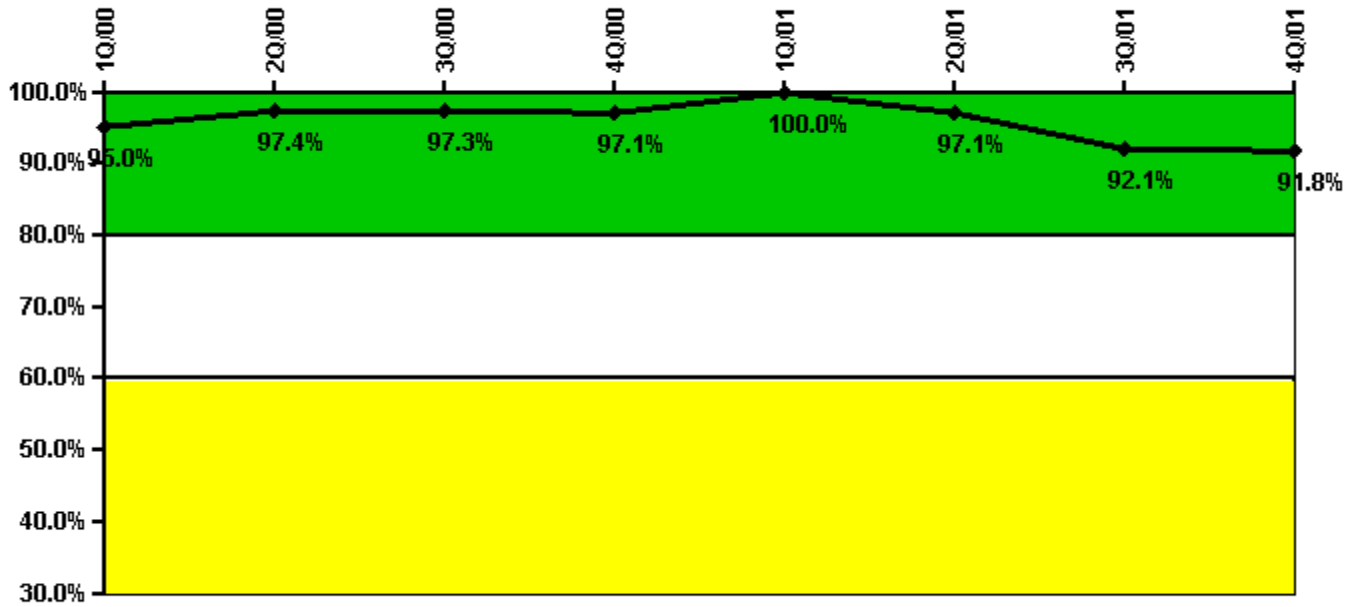
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Successful opportunities	0	14.0	14.0	30.0	4.0	2.0	4.0	15.0
Total opportunities	0	14.0	14.0	30.0	4.0	2.0	4.0	16.0
Indicator value	90.9%	92.2%	96.0%	96.2%	96.0%	96.6%	97.7%	98.8%

Licensee Comments: none

ERO Drill Participation



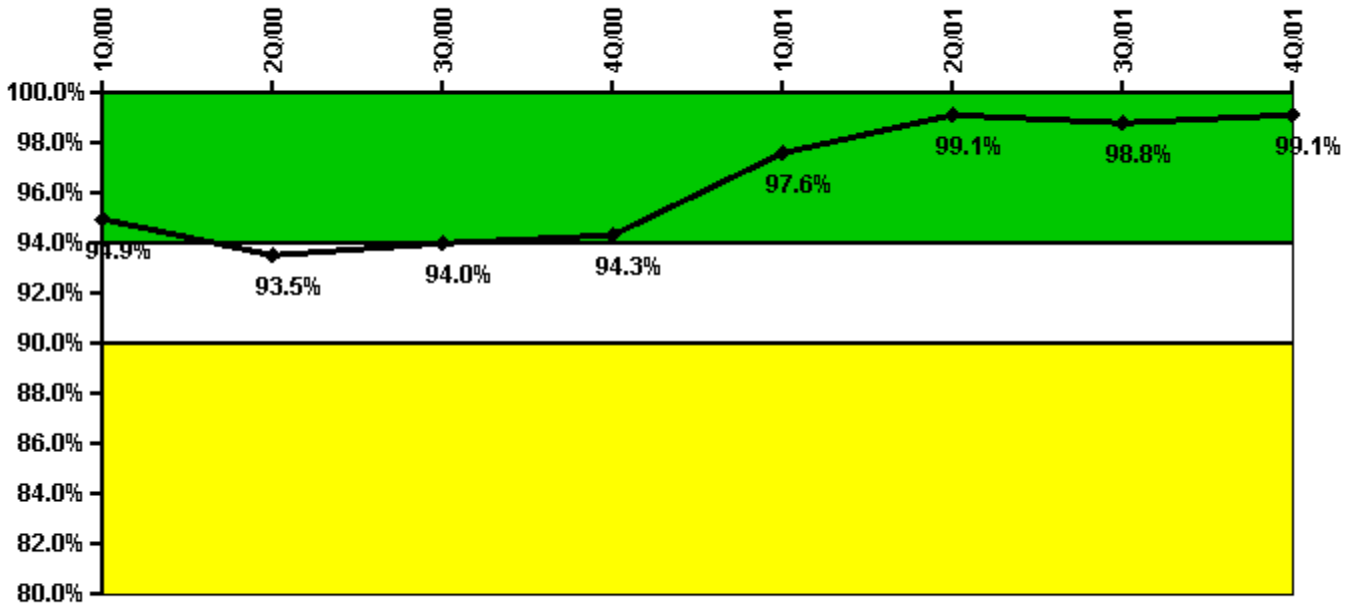
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Participating Key personnel	38.0	38.0	36.0	34.0	35.0	34.0	35.0	45.0
Total Key personnel	40.0	39.0	37.0	35.0	35.0	35.0	38.0	49.0
Indicator value	95.0%	97.4%	97.3%	97.1%	100.0%	97.1%	92.1%	91.8%

Licensee Comments: none

Alert & Notification System



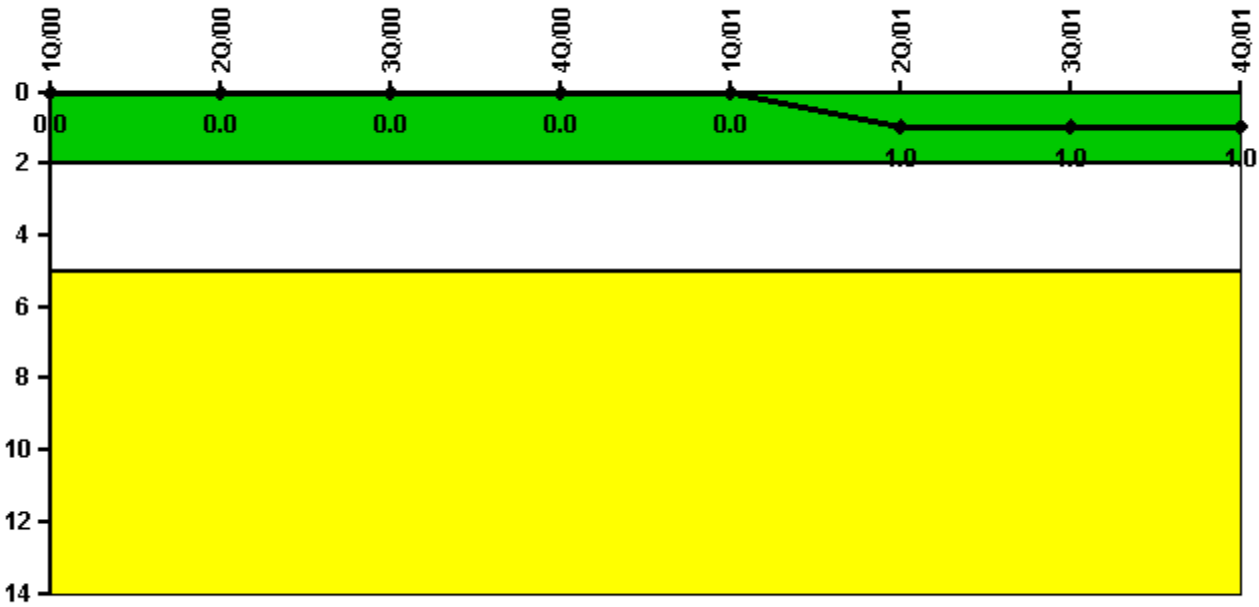
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Successful siren-tests	72	78	84	83	83	83	83	84
Total sirens-tests	84	84	84	84	84	84	84	84
Indicator value	94.9%	93.5%	94.0%	94.3%	97.6%	99.1%	98.8%	99.1%

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

RETS/ODCM Radiological Effluent



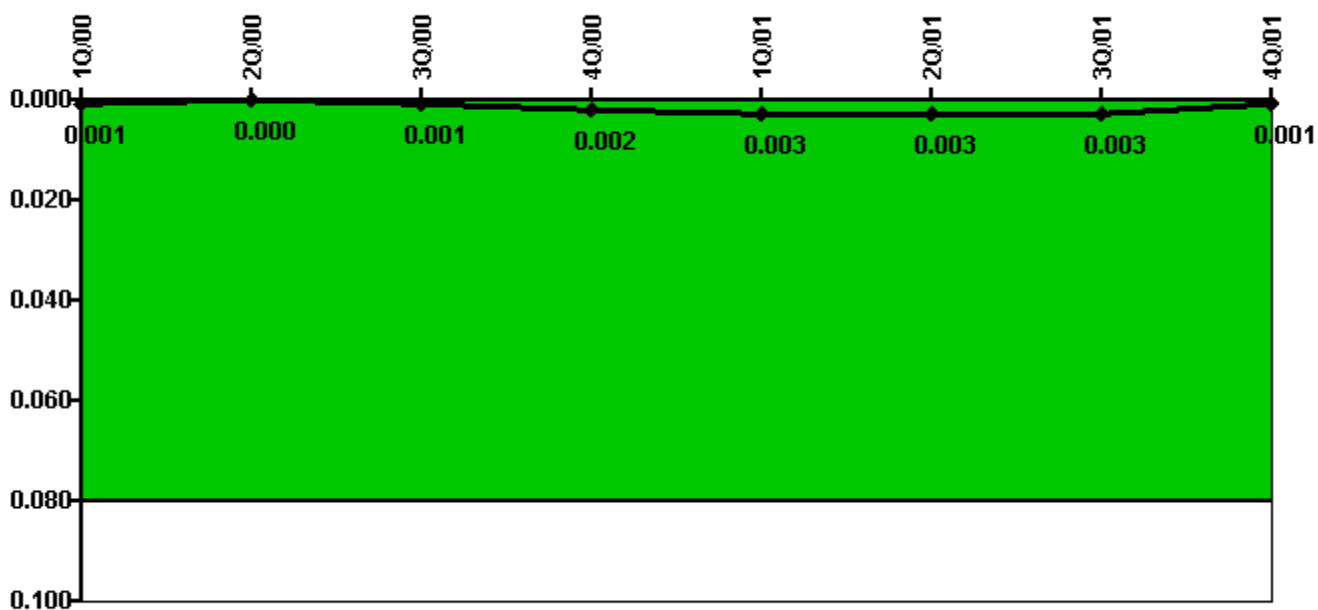
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
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	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
IDS compensatory hours	0	0	0	0	19.50	0	0	0
CCTV compensatory hours	0	0	3.8	30.4	7.6	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	0.001	0	0.001	0.002	0.003	0.003	0.003	0.001

Licensee Comments:

4Q/01: Engineering evaluation indicated a need to upgrade the intrusion detection and assessment systems. A modification package was initiated in October, 1997, and was approved in May, 1998. Typical compensatory hours for the IDS system that occurred since May, 1998 are not counted in this indicator as allowed by the NEI 99-02, Rev. 1 guidance.

Personnel Screening Program



Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
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	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
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](#) | [Action Matrix Summary](#) | [Reactor Oversight Process](#)

Last Modified: March 15, 2002