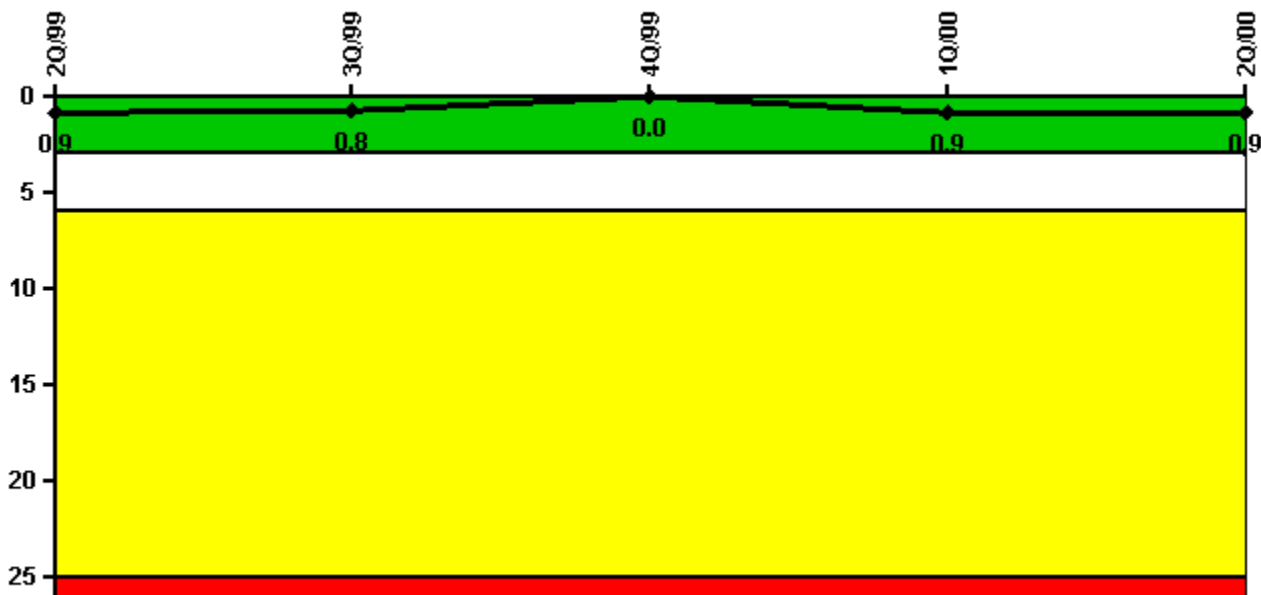


Sequoyah 1

2Q/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	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Unplanned scrams	0	0	0	1.0	0
Critical hours	2183.0	2208.0	2209.0	1600.7	2183.0
Indicator value	0.9	0.8	0	0.9	0.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



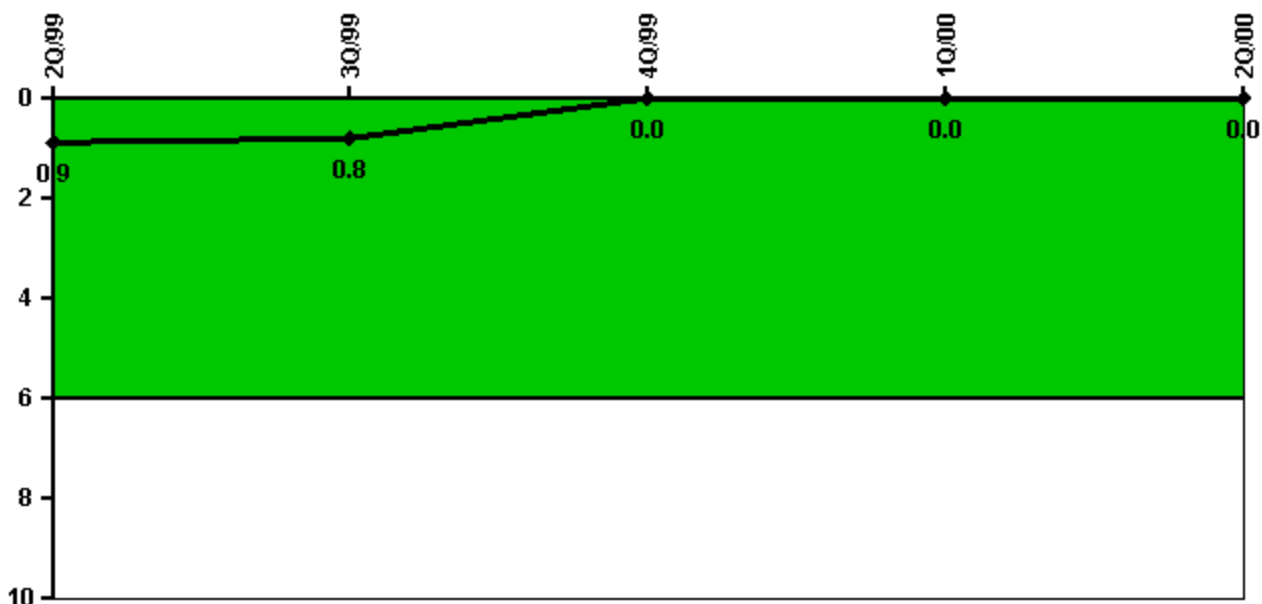
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



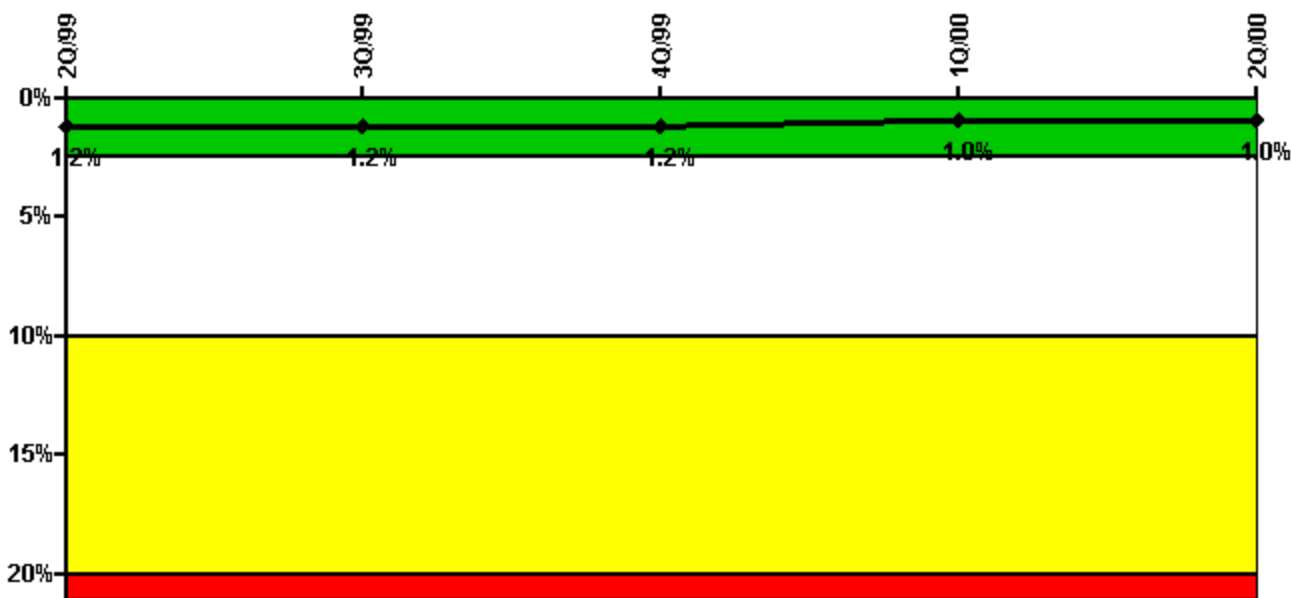
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Unplanned power changes	0	0	0	0	0
Critical hours	2183.0	2208.0	2209.0	1600.7	2183.0
Indicator value	0.9	0.8	0	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



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

Notes

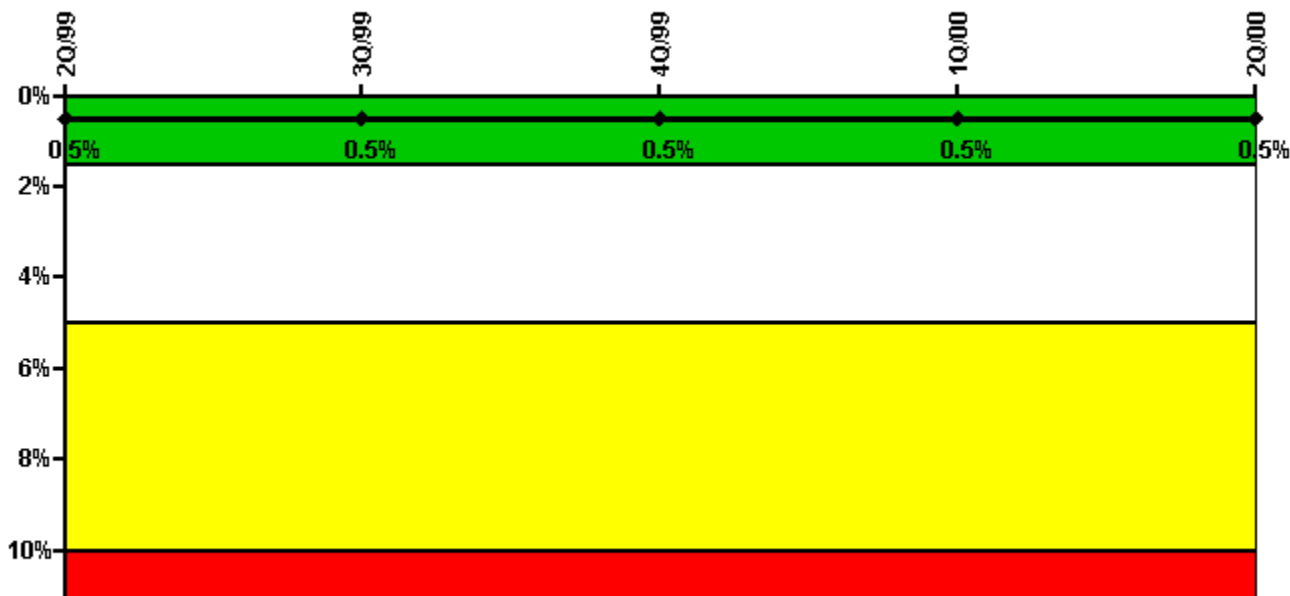
Safety System Unavailability, Emergency AC Power, >2EDG	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	0	0	0.50	39.95	1.65
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2183.00
Train 2					
Planned unavailable hours	0	0	1.60	2.73	134.92
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	2183.00	2208.00	2209.00	2184.00	2183.00
Train 3					
Planned unavailable hours	0	0	0	38.47	1.90
Unplanned unavailable hours	1.60	0.80	4.90	0	0
Fault exposure hours	0	6.00	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2183.00
Train 4					
Planned unavailable hours	0	46.20	2.72	2.17	5.43
Unplanned unavailable hours	0	0.40	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2183.00
Indicator value	1.2%	1.2%	1.2%	1.0%	1.0%

Licensee Comments:

2Q/00: APR00 Train 2 unplanned hrs were revised to planned hrs based on review for PER 01-2932-000

4Q/99: NOV99 Train 4 hrs were changed from unplanned to planned based on review performed for PER 01-2932-000

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/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	13.40	0.70	6.20	13.50	10.30
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	2183.00	2208.00	2209.00	1805.00	2183.00
Train 2					
Planned unavailable hours	14.50	16.70	0.80	3.10	14.00
Unplanned unavailable hours	85.10	14.50	0	0	0
Fault exposure hours	0	6.00	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	1805.00	2183.00
Train 3					
Planned unavailable hours	8.90	10.60	5.70	3.40	5.40
Unplanned unavailable hours	8.00	6.10	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	1676.40	2183.00

Train 4					
Planned unavailable hours	4.30	9.20	6.20	2.00	8.20
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	2183.00	2208.00	2209.00	1676.40	2183.00
Indicator value	0.5%	0.5%	0.5%	0.5%	0.5%

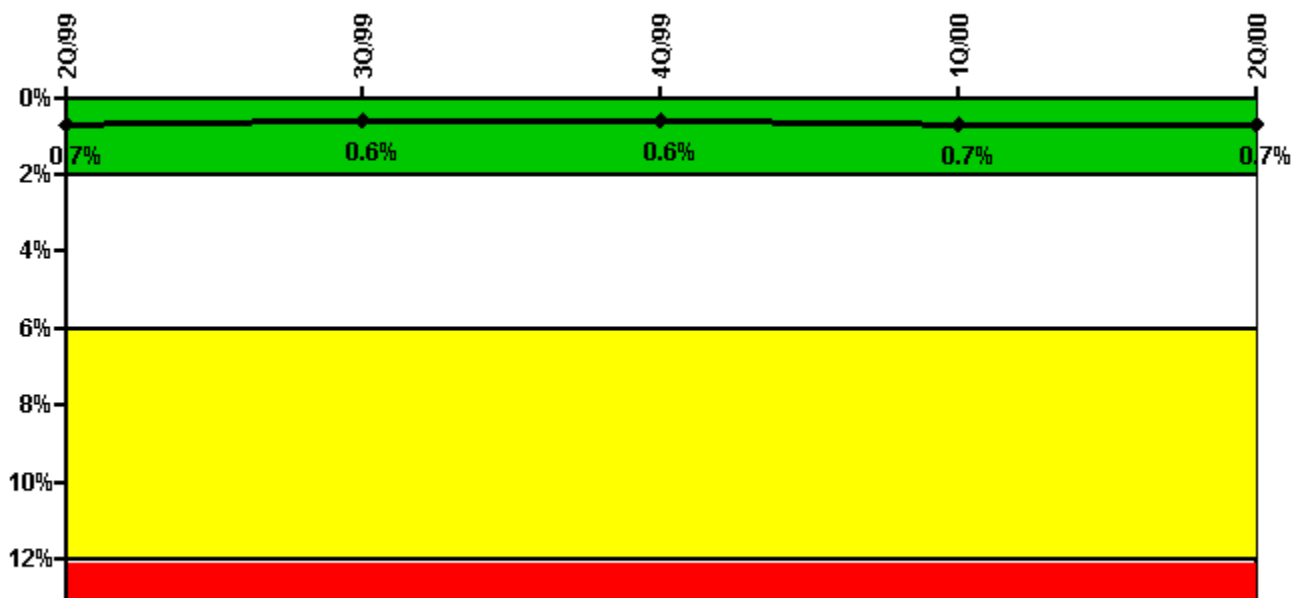
Licensee Comments:

2Q/00: 1)Testing hours added with 2Q/01 report. Color unaffected. 2)APR00 train 2 and 4, MAY00 train 1 and 3, and JUN00 train 2 and 4 hours were revised to add SSPS unavailability which was required by FAQ #290.

2Q/00: Testing hours added with 2Q/01 report. Color unaffected.

1Q/00: FEB00 train 1 and train 3 hours were revised to add SSPS unavailability which was required by FAQ #290

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)	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	5.60	8.40	7.80	9.20	12.75
Unplanned unavailable hours	0	0	0	0	1.02
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	1661.17	2183.00

Train 2					
Planned unavailable hours	6.70	4.00	6.00	3.15	19.97
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	2183.00	2208.00	2209.00	1670.70	2183.00
Train 3					
Planned unavailable hours	23.70	7.70	20.50	31.60	8.60
Unplanned unavailable hours	6.70	15.80	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	1619.90	2183.00
Indicator value	0.7%	0.6%	0.6%	0.7%	0.7%

Licensee Comments:

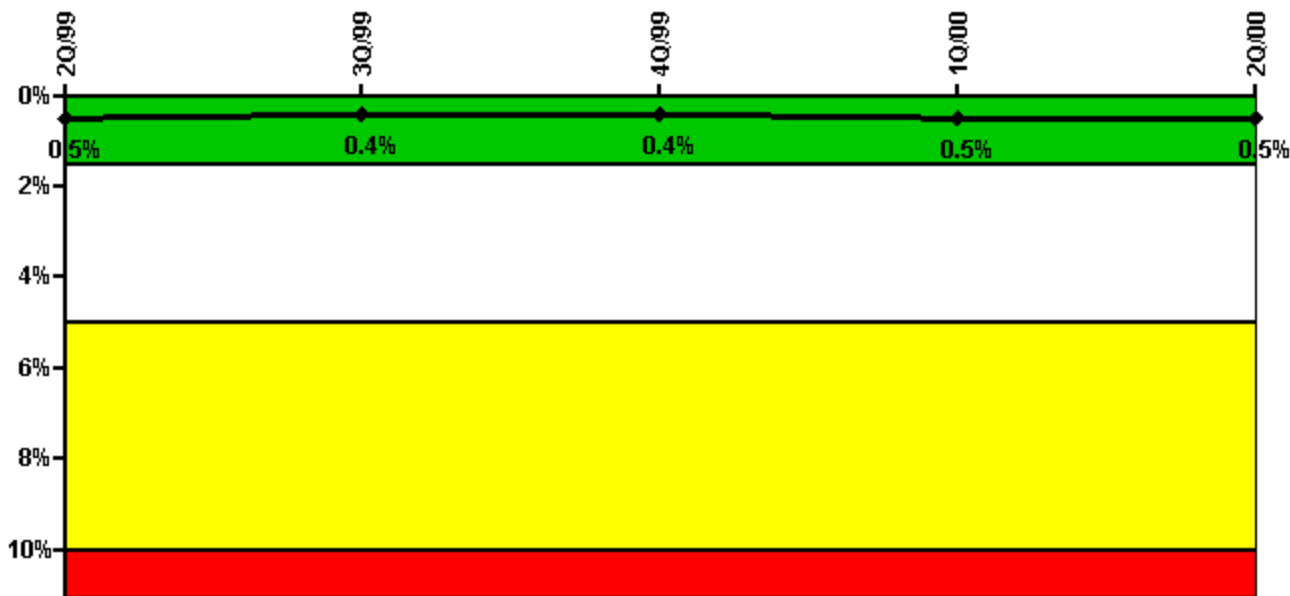
2Q/00: May00 Train 1 revised to include testing unavailability.

2Q/00: 1)May00 Train 1 revised to include testing unavailability. 2)Hours for APR00 train 2, MAY00 train 1 and JUN00 train 2 were revised to add SSPS unavailability which was required by FAQ #290.

1Q/00: 1)The amount of unavailability time initially submitted (26.25 hours) for train 3 {the Sequoyah 1-S train (terry turbine)} of auxiliary feedwater for March, 2000 was overly conservative. Additionally, the number of hours this train was required was also incorrect (originally reported as 368.2 hours). During the plant startup after refueling (U1C10), entry into mode 3 was made with an information LCO documented on AFW (3.7.1.2.a). When steam pressure is greater than or equal to 842 psig, the plant has 24 hours to make the TDAFW pump operable after testing. The information LCO is used to ensure testing is done within this time period. If the TDAFW pump is not operable after the 24 hours, then the pump is unavailable. Reference 0-GO-1. Train 1 and 2 (Sequoyah trains 1A and 1B) number of hours required were also updated to reflect the true number of hours required versus tech spec requirements. This data revision was submitted by Quinn Leonard and reviewed by David Branham. Reference PER 00-005938-000. 2)Train 1 for Mar00 was revised to add SSPS unavailability which was required by FAQ #290.

1Q/00: The amount of unavailability time initially submitted (26.25 hours) for train 3 {the Sequoyah 1-S train (terry turbine)} of auxiliary feedwater for March, 2000 was overly conservative. Additionally, the number of hours this train was required was also incorrect (originally reported as 368.2 hours). During the plant startup after refueling (U1C10), entry into mode 3 was made with an information LCO documented on AFW (3.7.1.2.a). When steam pressure is greater than or equal to 842 psig, the plant has 24 hours to make the TDAFW pump operable after testing. The information LCO is used to ensure testing is done within this time period. If the TDAFW pump is not operable after the 24 hours, then the pump is unavailable. Reference 0-GO-1. Train 1 and 2 (Sequoyah trains 1A and 1B) number of hours required were also updated to reflect the true number of hours required versus tech spec requirements. This data revision was submitted by Quinn Leonard and reviewed by David Branham. Reference PER 00-005938-000.

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/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	11.30	2.30	1.80	15.40	2.10
Unplanned unavailable hours	0	6.10	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2094.80	2183.00
Train 2					
Planned unavailable hours	1.40	1.10	2.50	16.00	9.40
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	2183.00	2208.00	2209.00	2094.80	2183.00
Indicator value	0.5%	0.4%	0.4%	0.5%	0.5%

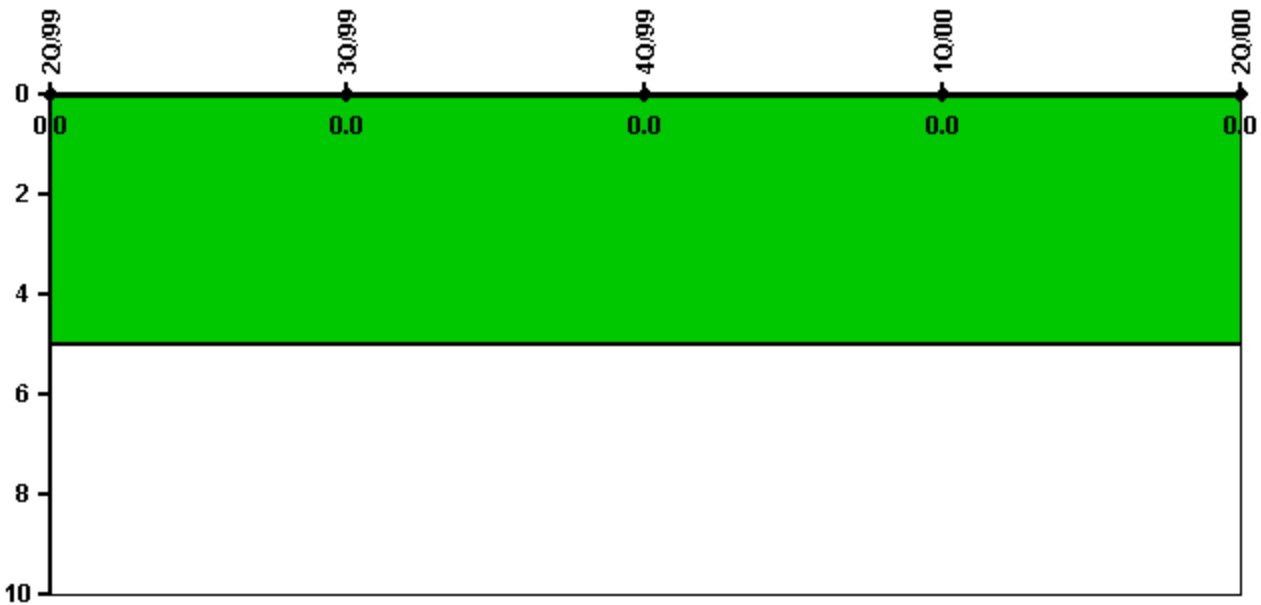
Licensee Comments:

2Q/00: 1)Testing hours added with 2Q/01 report. Color unaffected. 2)APR00 train 2, MAY00 train 1 and JUN00 train 2 unavailability hrs were changed to add SSPS unavailability which was required by FAQ #290.

2Q/00: Testing hours added with 2Q/01 report. Color unaffected.

1Q/00: FEB00 train 1 data revised to add SSPS unavailability which was required by FAQ #290

Safety System Functional Failures (PWR)



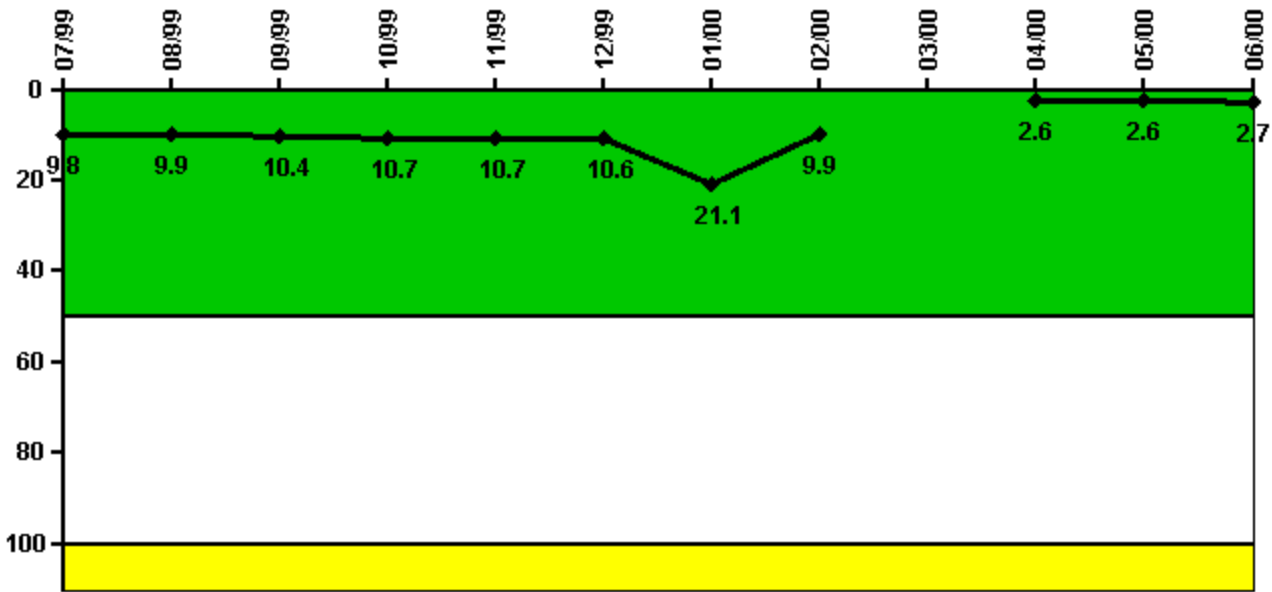
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



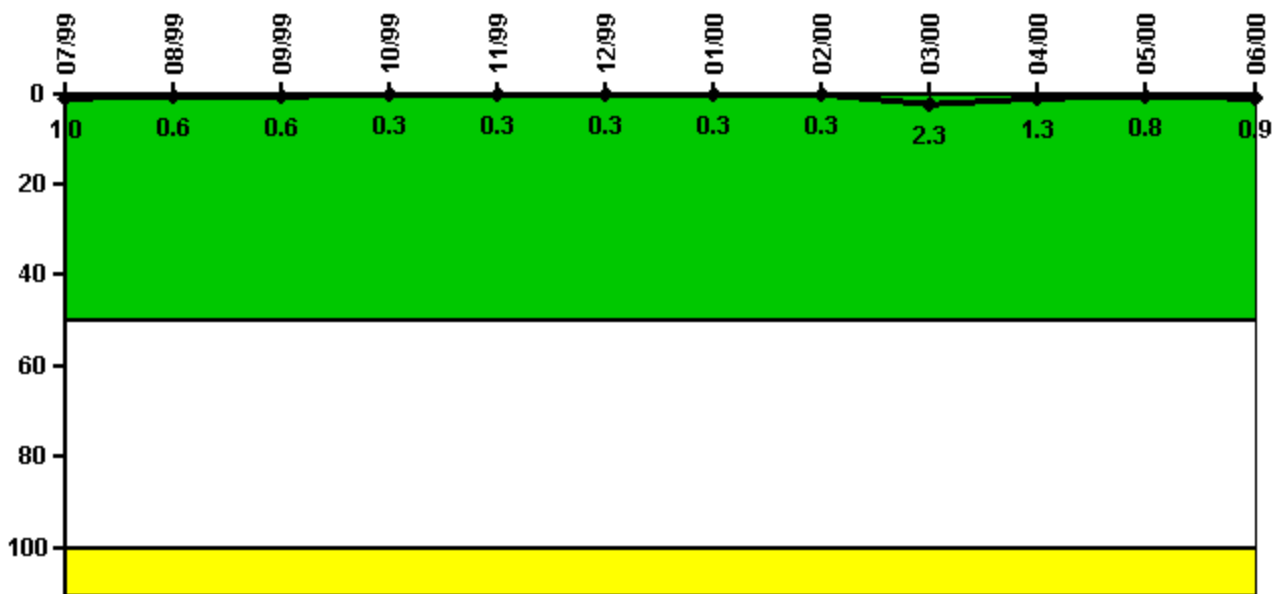
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/99	8/99	9/99	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00
Maximum activity	0.034200	0.034700	0.036400	0.037600	0.037400	0.037200	0.074000	0.034700	N/A	0.009160	0.009230	0.009540
Technical specification limit	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Indicator value	9.8	9.9	10.4	10.7	10.7	10.6	21.1	9.9	N/A	2.6	2.6	2.7

Licensee Comments: none

Reactor Coolant System Leakage



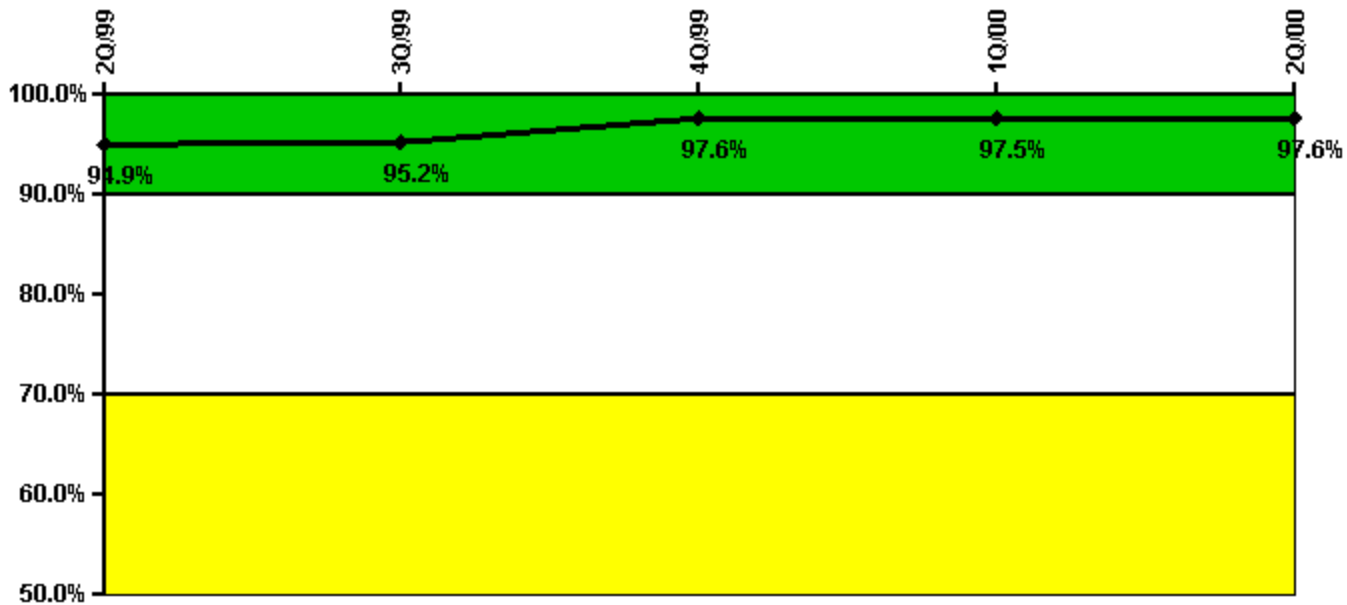
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/99	8/99	9/99	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00
Maximum leakage	0.100	0.060	0.060	0.030	0.030	0.030	0.030	0.030	0.230	0.130	0.080	0.090
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	0.6	0.6	0.3	0.3	0.3	0.3	0.3	2.3	1.3	0.8	0.9

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

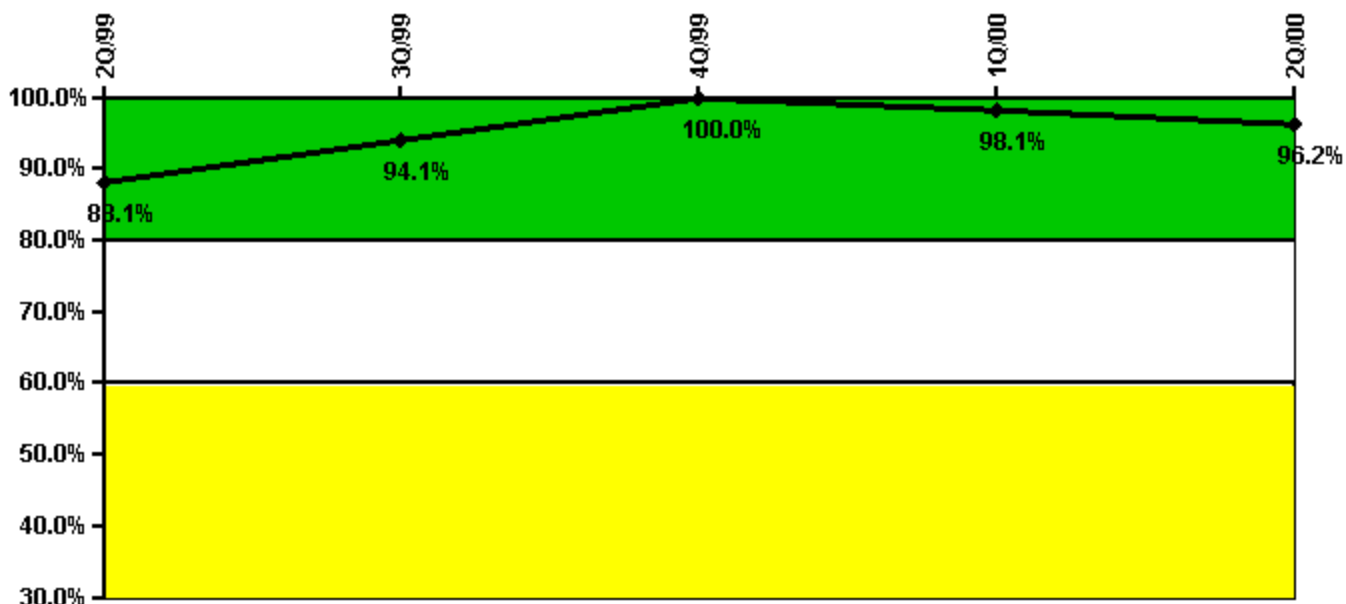
Notes

Drill/Exercise Performance	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Successful opportunities	14.0	9.0	34.0	0	8.0
Total opportunities	14.0	10.0	34.0	0	8.0
Indicator value	94.9%	95.2%	97.6%	97.5%	97.6%

Licensee Comments:

2Q/00: The original monthly data was incorrectly entered as the value of the quarter's sum to date as opposed to the individual monthly value. This is documented in SQN PER 00-006447-000.

ERO Drill Participation



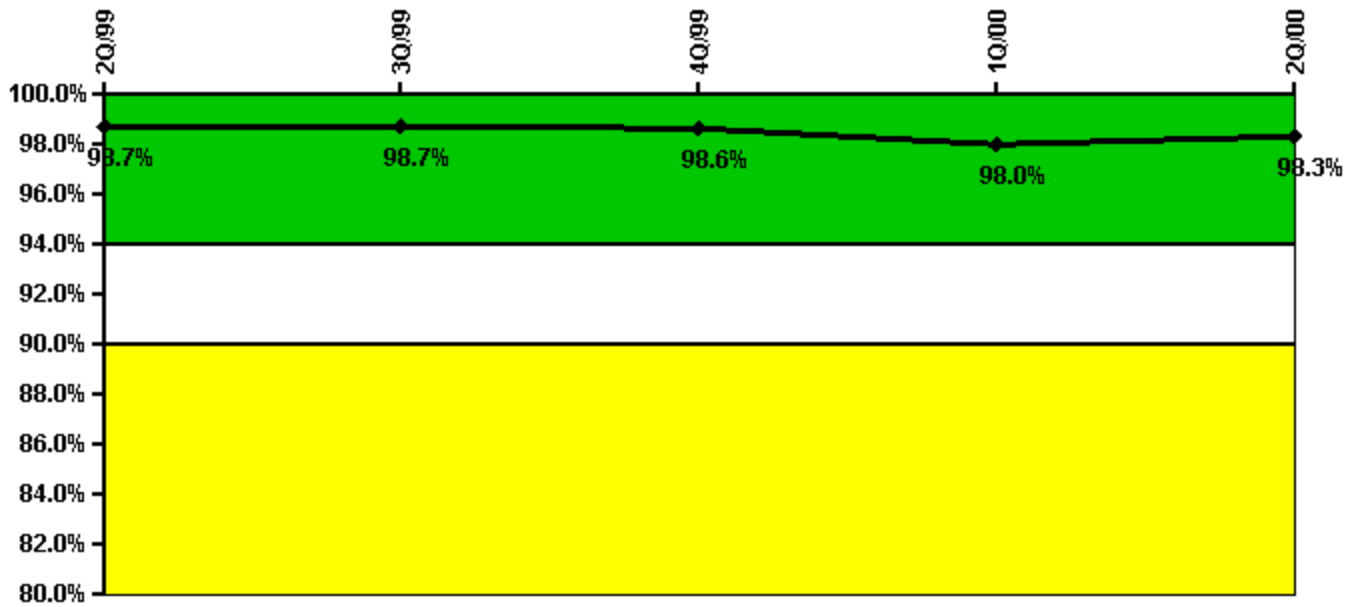
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Participating Key personnel	74.0	80.0	54.0	52.0	50.0
Total Key personnel	84.0	85.0	54.0	53.0	52.0
Indicator value	88.1%	94.1%	100.0%	98.1%	96.2%

Licensee Comments: none

Alert & Notification System



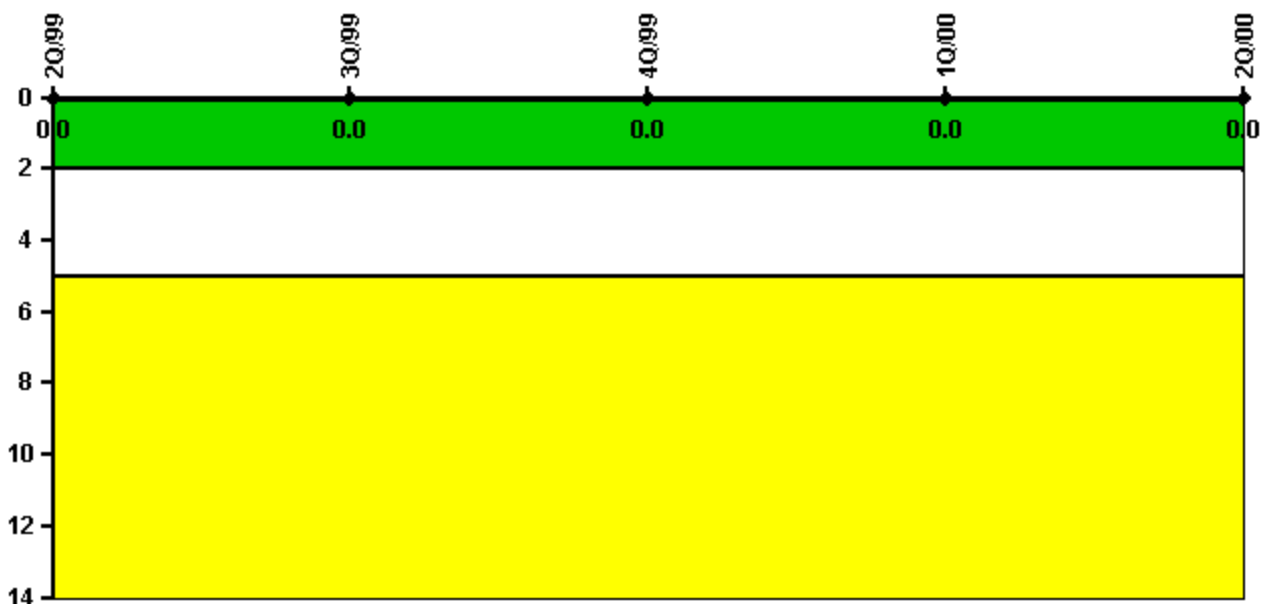
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Successful siren-tests	741	1066	741	945	856
Total sirens-tests	756	1080	756	972	864
Indicator value	98.7%	98.7%	98.6%	98.0%	98.3%

Licensee Comments: none

Occupational Exposure Control Effectiveness



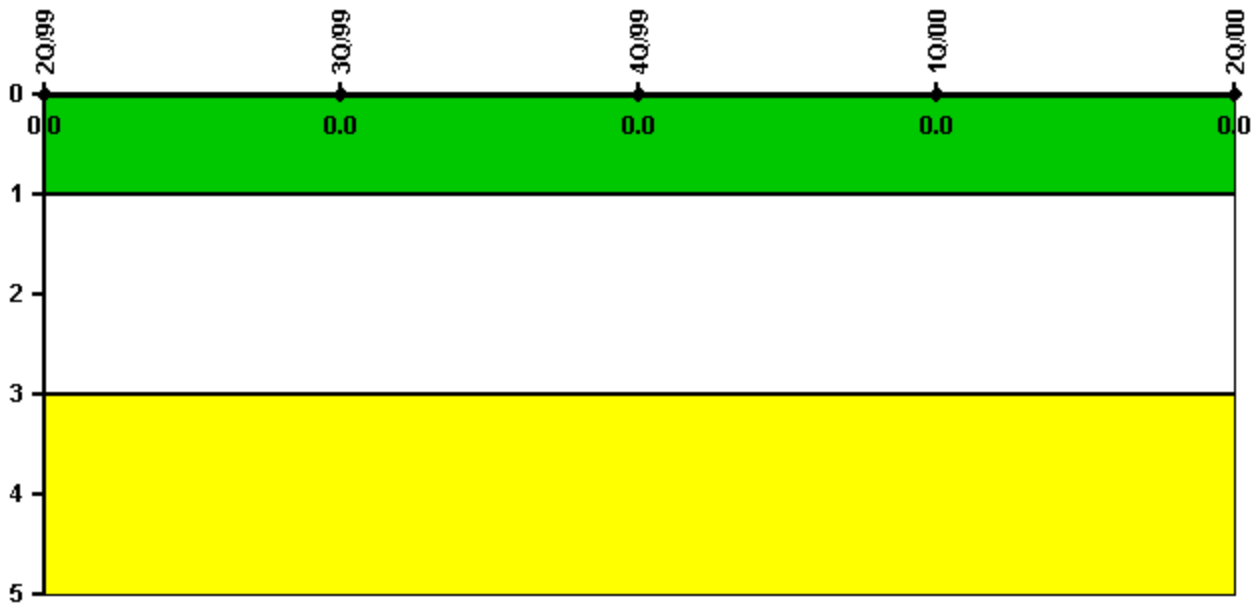
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

RETS/ODCM Radiological Effluent



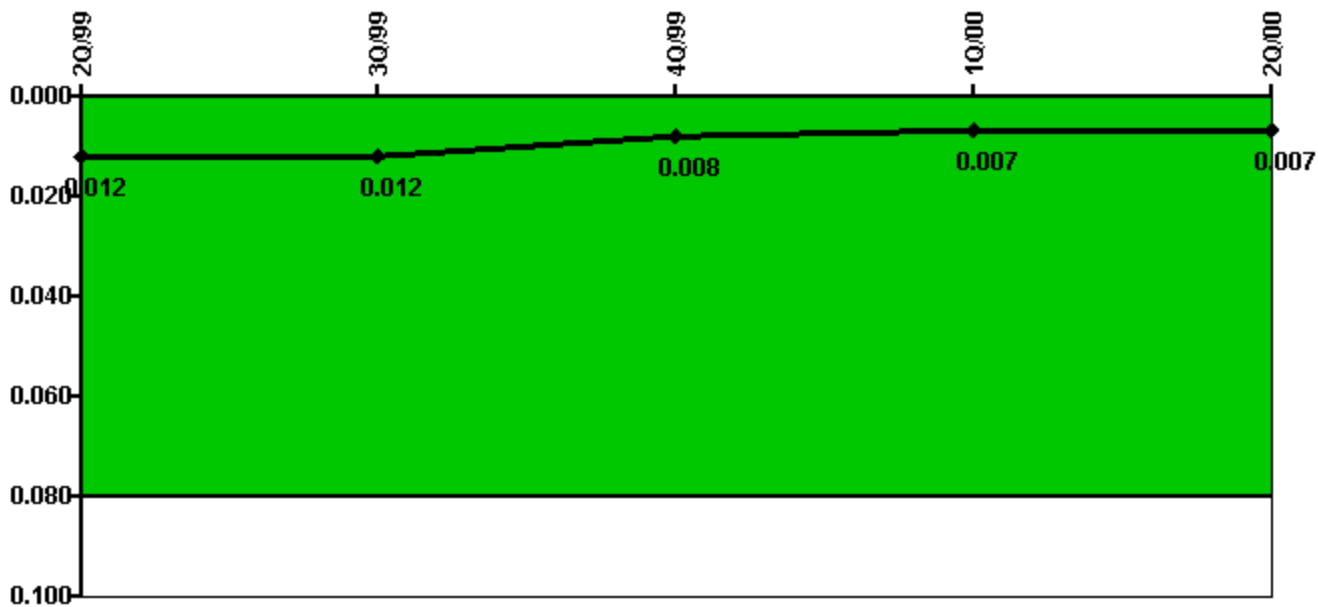
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/99	3Q/99	4Q/99	1Q/00	2Q/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

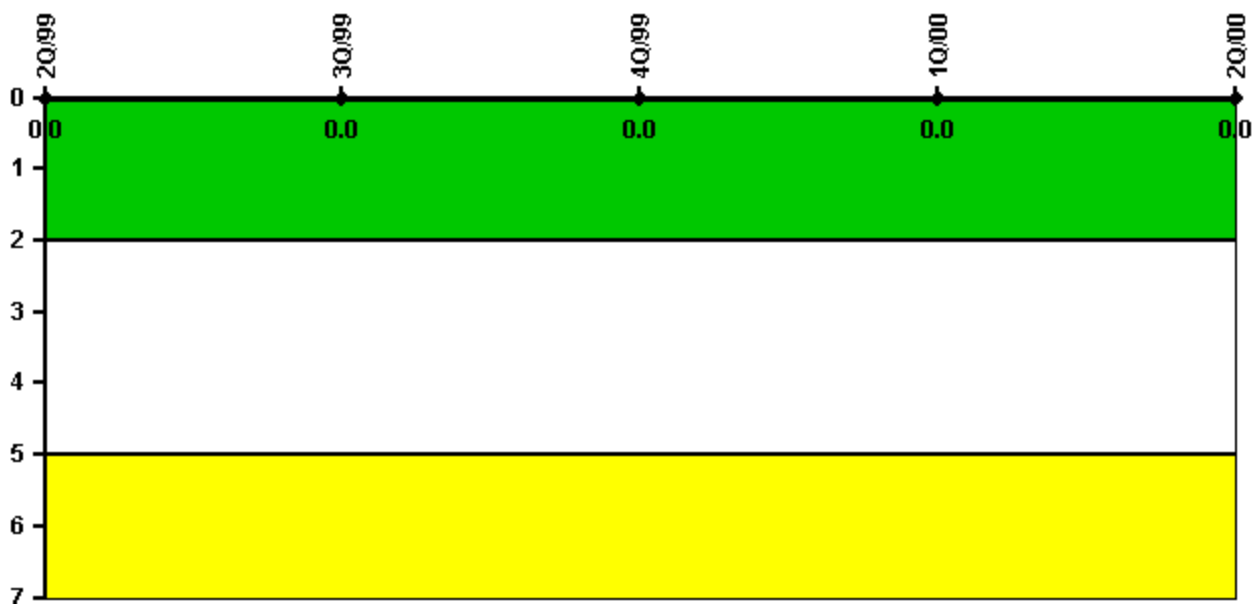
Notes

Protected Area Security Performance Index	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
IDS compensatory hours	125.77	87.45	87.17	12.40	166.40
CCTV compensatory hours	0	6.4	0	72.9	12.9
IDS normalization factor	3.65	3.65	3.65	3.65	3.65
CCTV normalization factor	2.7	2.7	2.7	2.7	2.7
Index Value	0.012	0.012	0.008	0.007	0.007

Licensee Comments:

1Q/00: Feb 2000 data was revised as documented on PER00-010268-000.

Personnel Screening Program



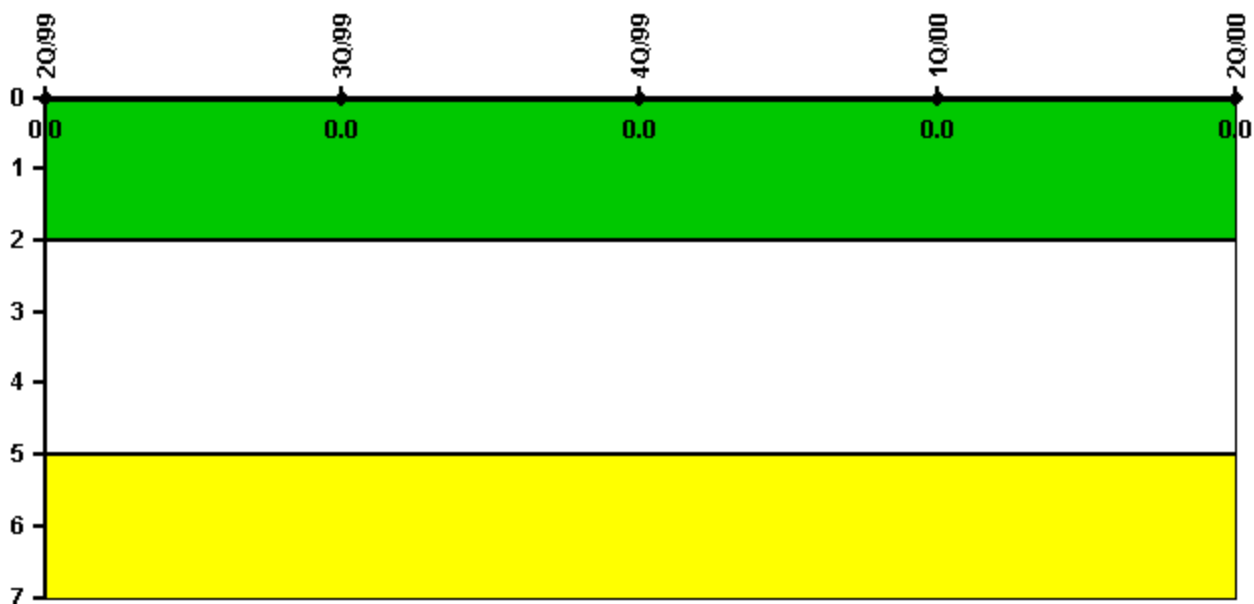
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

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

Last Modified: April 1, 2002