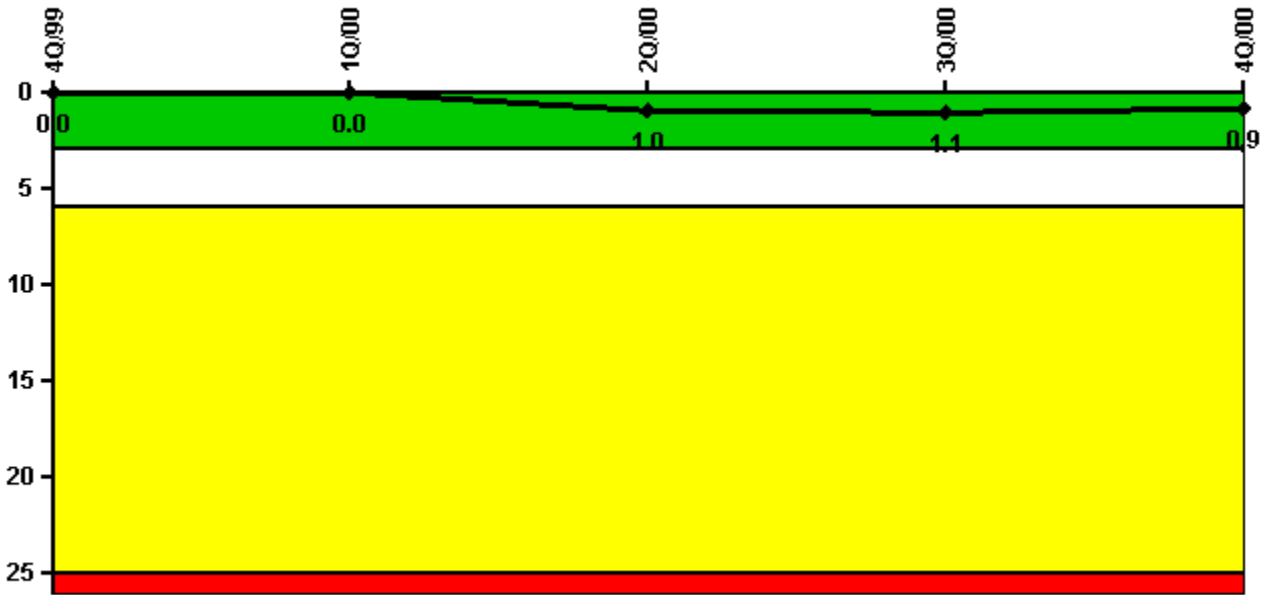


Palisades

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	0	1.0	0	0
Critical hours	872.7	1619.1	2119.0	1785.0	2209.0
Indicator value	0	0	1.0	1.1	0.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



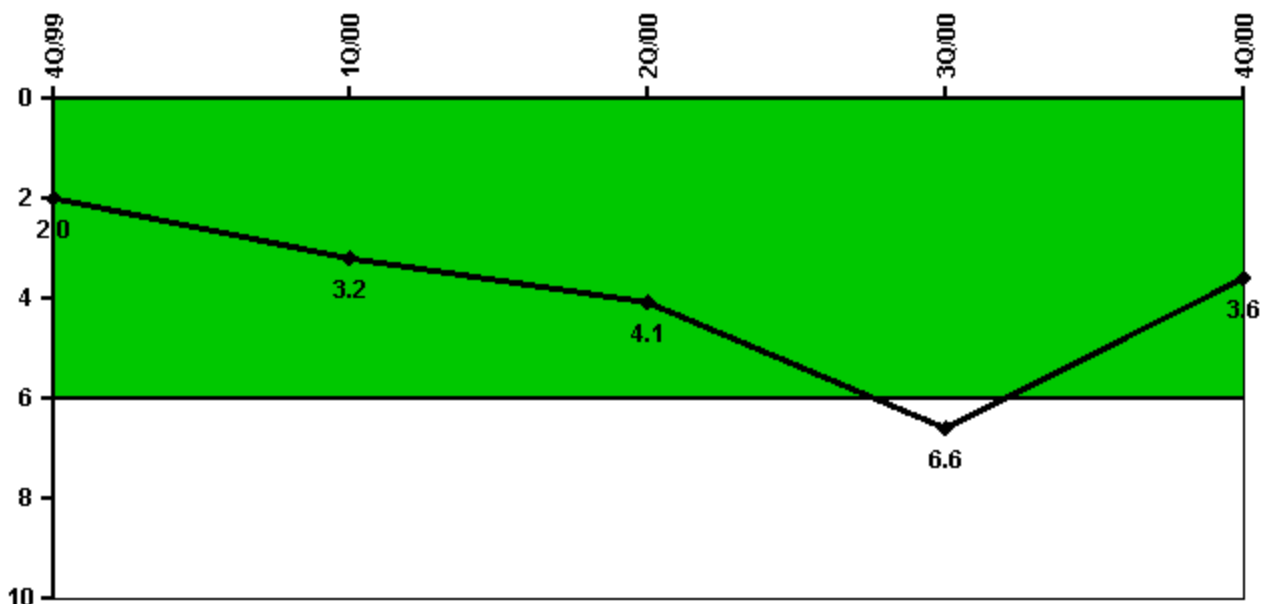
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



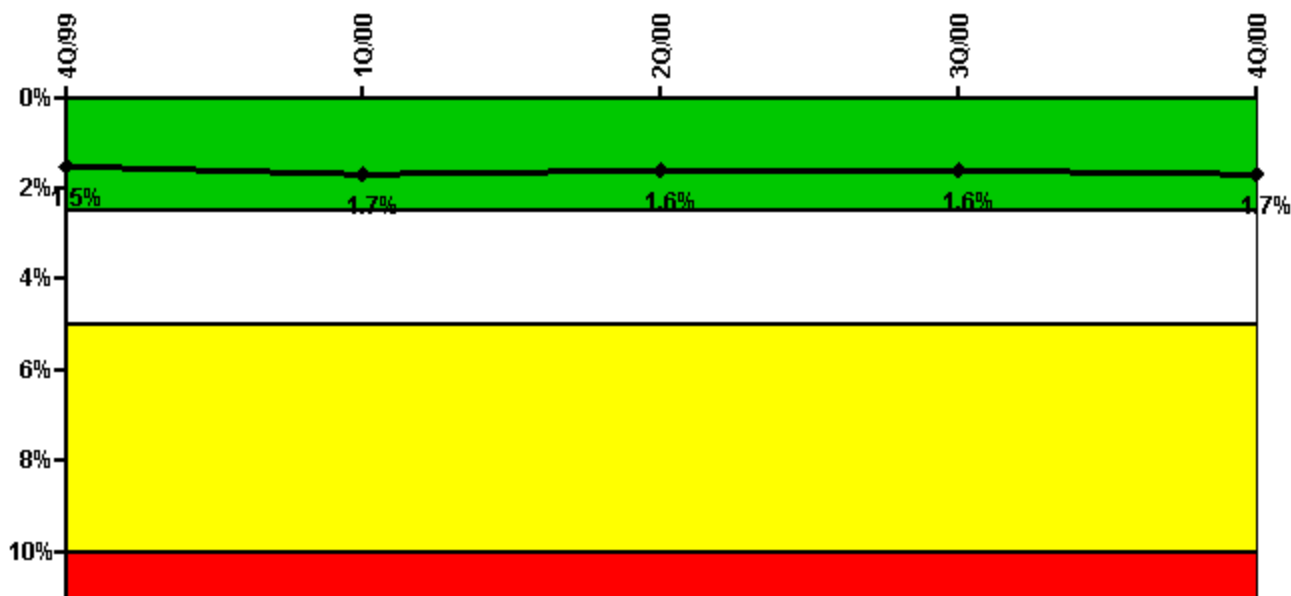
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Unplanned power changes	2.0	1.0	1.0	2.0	0
Critical hours	872.7	1619.1	2119.0	1785.0	2209.0
Indicator value	2.0	3.2	4.1	6.6	3.6

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



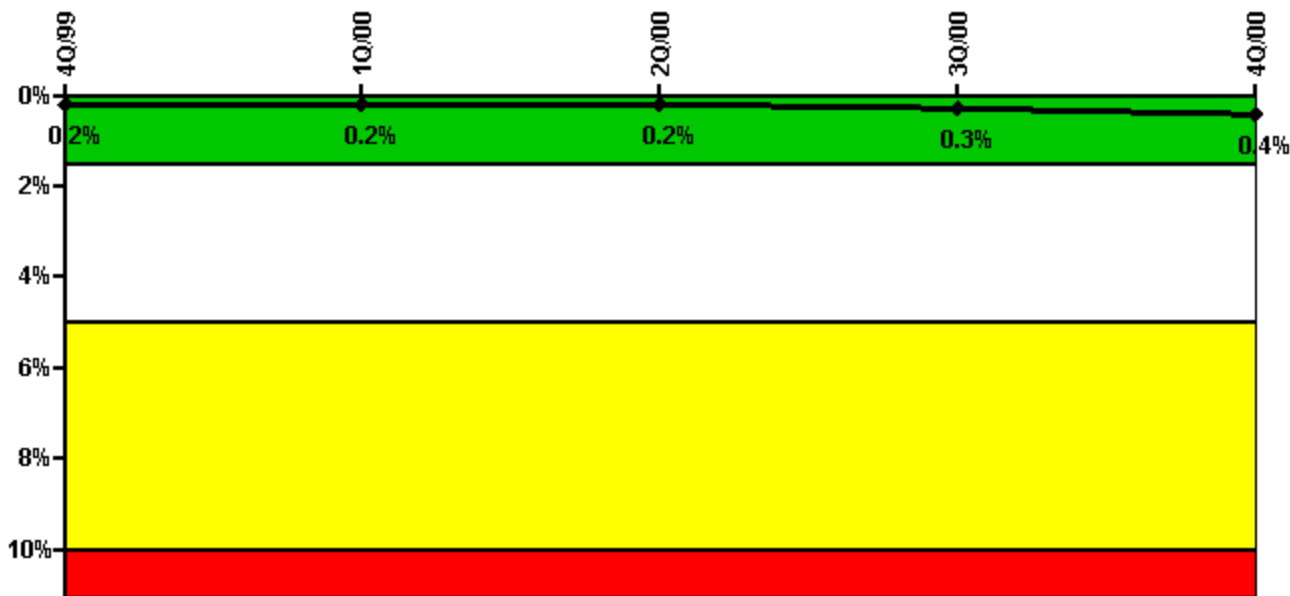
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	42.30	54.12	0.33	0.39	55.88
Unplanned unavailable hours	34.00	0	17.78	0	49.28
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	0.40	35.05	0.45	0.58	25.68
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%	1.7%	1.6%	1.6%	1.7%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



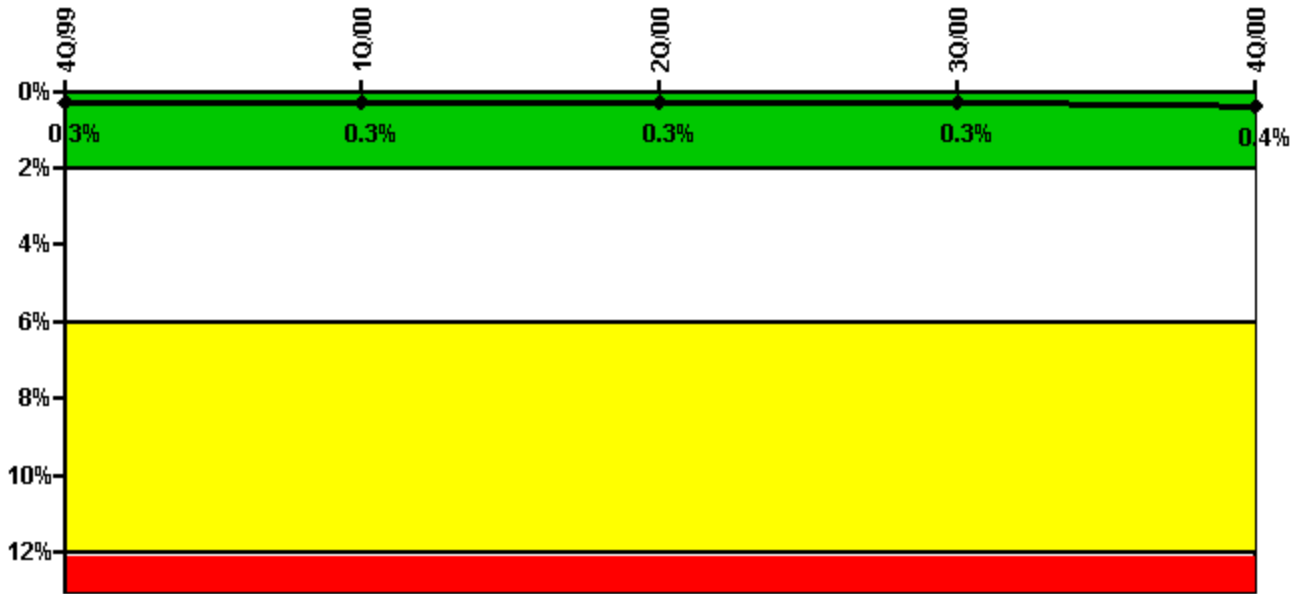
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	2.60	2.10	0.33	25.40	14.52
Unplanned unavailable hours	0	0	9.89	23.18	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	872.68	1619.10	2183.00	1933.04	2209.00
Train 2					
Planned unavailable hours	0	3.26	7.08	0	10.27
Unplanned unavailable hours	0	0	0	0	0.27
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	872.68	1619.10	2183.00	1933.04	2209.00
Indicator value	0.2%	0.2%	0.2%	0.3%	0.4%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



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

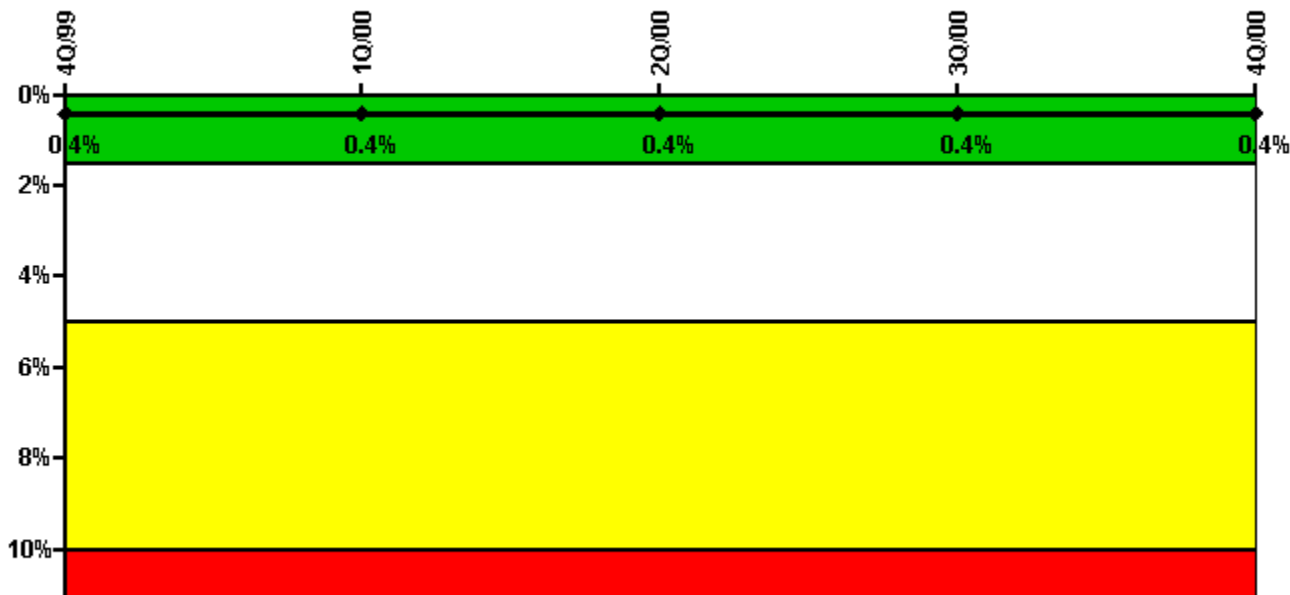
Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	3.22	0	0	16.97	36.22
Unplanned unavailable hours	0	2.92	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	872.68	1619.10	2183.00	1933.00	2209.00
Train 2					
Planned unavailable hours	3.27	0	28.35	0.62	5.64
Unplanned unavailable hours	22.97	2.92	4.08	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	872.68	1619.10	2183.00	1933.00	2209.00
Train 3					
Planned unavailable hours	0	0	5.47	18.15	0.77
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	872.68	1619.10	2183.00	1933.00	2209.00
Indicator value	0.3%	0.3%	0.3%	0.3%	0.4%

Licensee Comments:

3Q/00: Log review disclosed 0.93 more planned unavailable hours for Train 3 than originally reported.

Safety System Unavailability, Residual Heat Removal System



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

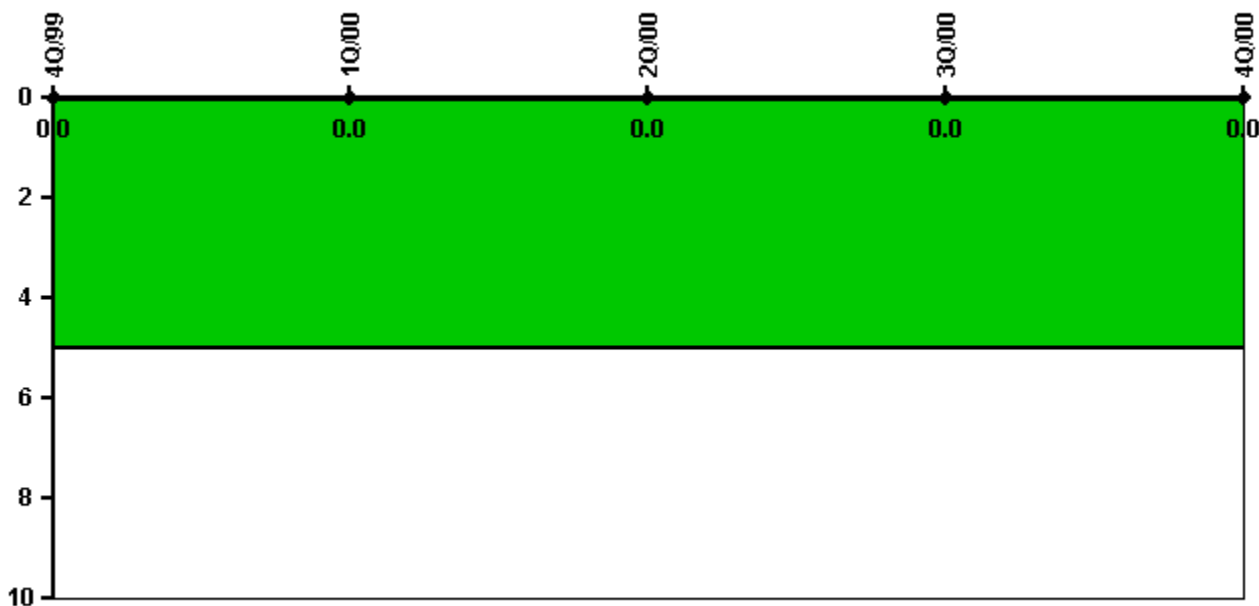
Notes

Safety System Unavailability, Residual Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	0	10.40	0.62	0.60	3.49
Unplanned unavailable hours	0	0	0.08	0	0
Fault exposure hours	57.74	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	1933.04	2209.00
Train 2					
Planned unavailable hours	2.82	2.83	0.65	1.80	3.67
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	1933.04	2209.00
Train 3					
Planned unavailable hours	0	10.40	0	0	0
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	57.74	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	0	274.96	0
Train 4					
Planned unavailable hours	2.82	2.83	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	0	274.96	0

Indicator value	0.4%	0.4%	0.4%	0.4%	0.4%
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Licensee Comments: none

Safety System Functional Failures (PWR)



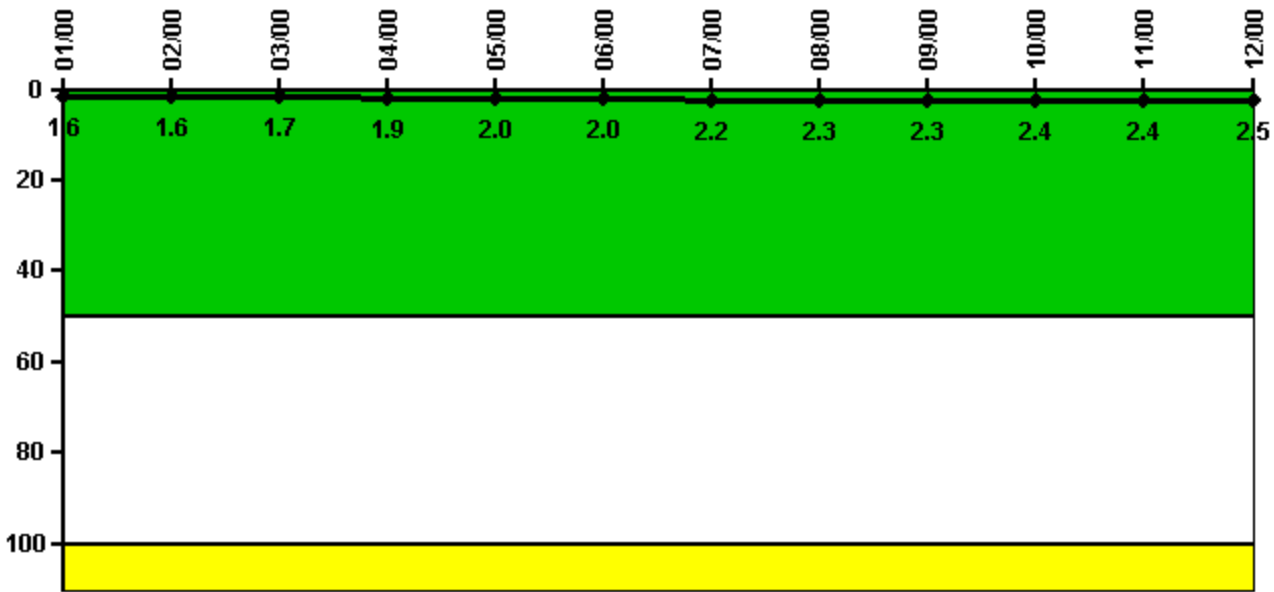
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	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



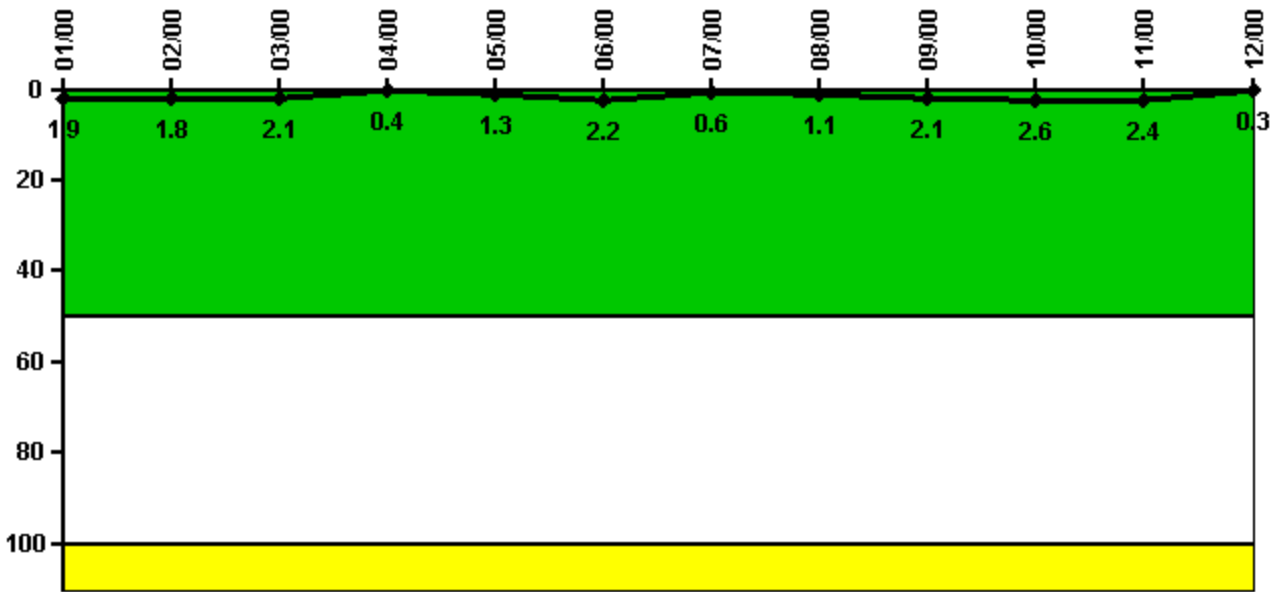
Thresholds: White > 50.0 Yellow > 100.0

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	0.015700	0.015800	0.016900	0.018800	0.019800	0.020400	0.021600	0.022700	0.022500	0.024000	0.024300	0.024800
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	1.6	1.6	1.7	1.9	2.0	2.0	2.2	2.3	2.3	2.4	2.4	2.5

Licensee Comments: none

Reactor Coolant System Leakage



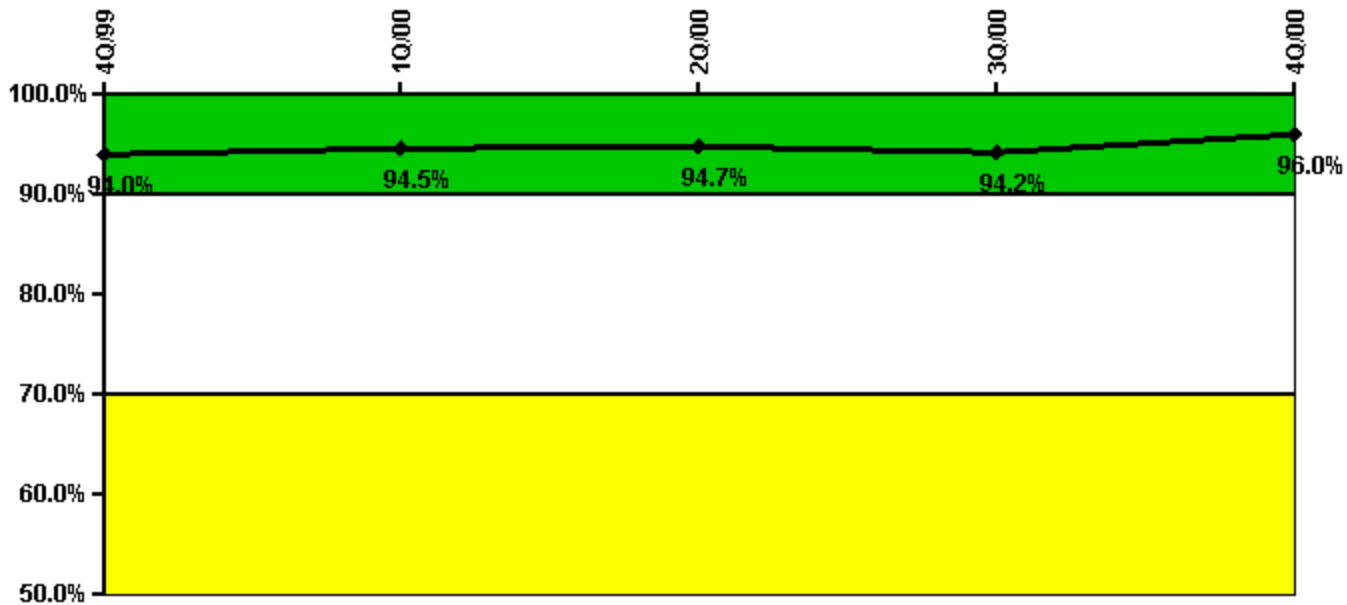
Thresholds: White > 50.0 Yellow > 100.0

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	0.187	0.177	0.214	0.041	0.128	0.216	0.060	0.112	0.214	0.261	0.241	0.030
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	1.9	1.8	2.1	0.4	1.3	2.2	0.6	1.1	2.1	2.6	2.4	0.3

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

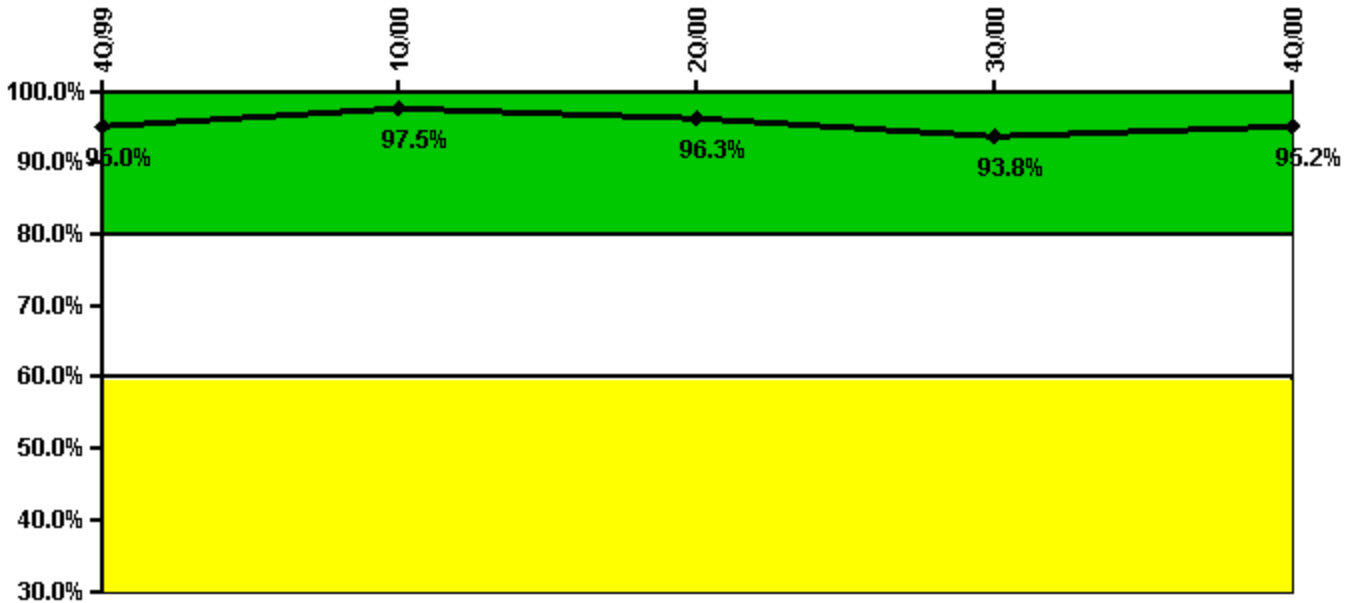
Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Successful opportunities	0	14.0	21.0	5.0	10.0
Total opportunities	0	14.0	22.0	6.0	10.0
Indicator value	94.0%	94.5%	94.7%	94.2%	96.0%

Licensee Comments:

3Q/00: Self-assessment disclosed administrative error in data reduction. Original report of 9 successes for 10 opportunities should have been 5 successes for 6 opportunities. Change has no effect on PI color.

1Q/00: Self-assessment disclosed that three opportunities/successes had been credited for other than initial classification/notifications. The revised number reflects the reduction (17 to 14). This has negligible effect on the PI value.

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

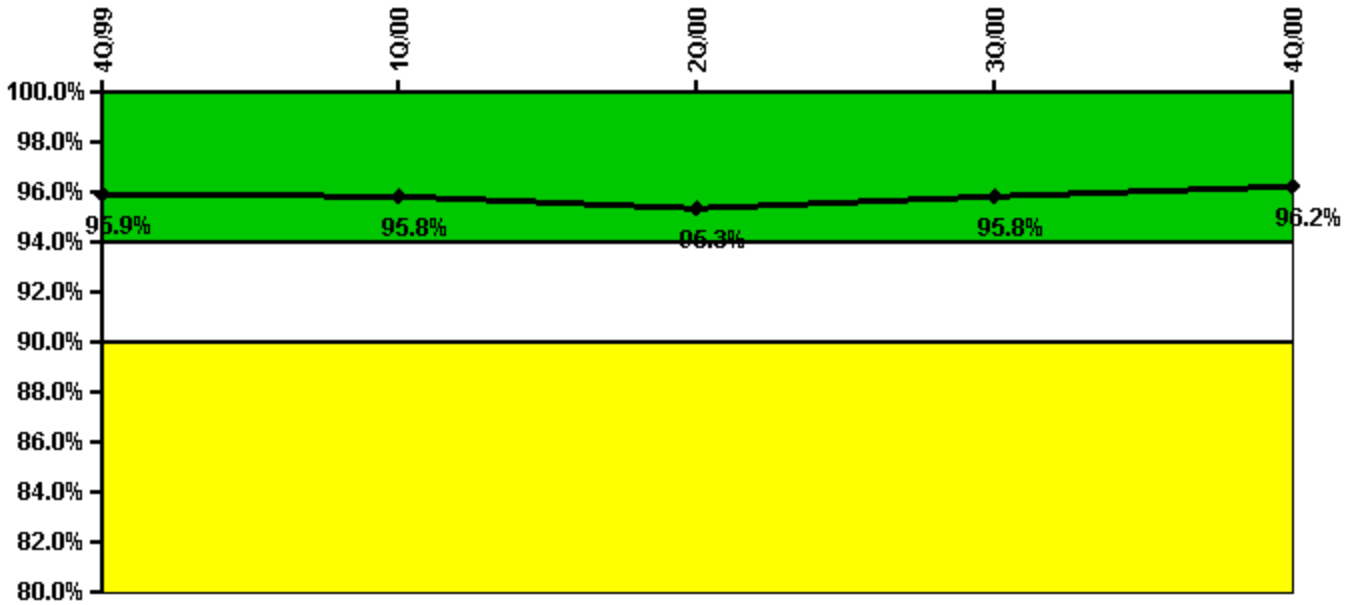
Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Participating Key personnel	76.0	79.0	78.0	76.0	79.0
Total Key personnel	80.0	81.0	81.0	81.0	83.0
Indicator value	95.0%	97.5%	96.3%	93.8%	95.2%

Licensee Comments:

4Q/00: Self-assessment disclosed administrative error in data reduction. Original report of 80 of 83 members meeting standard should have been 79 of 83. No effect on PI color.

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

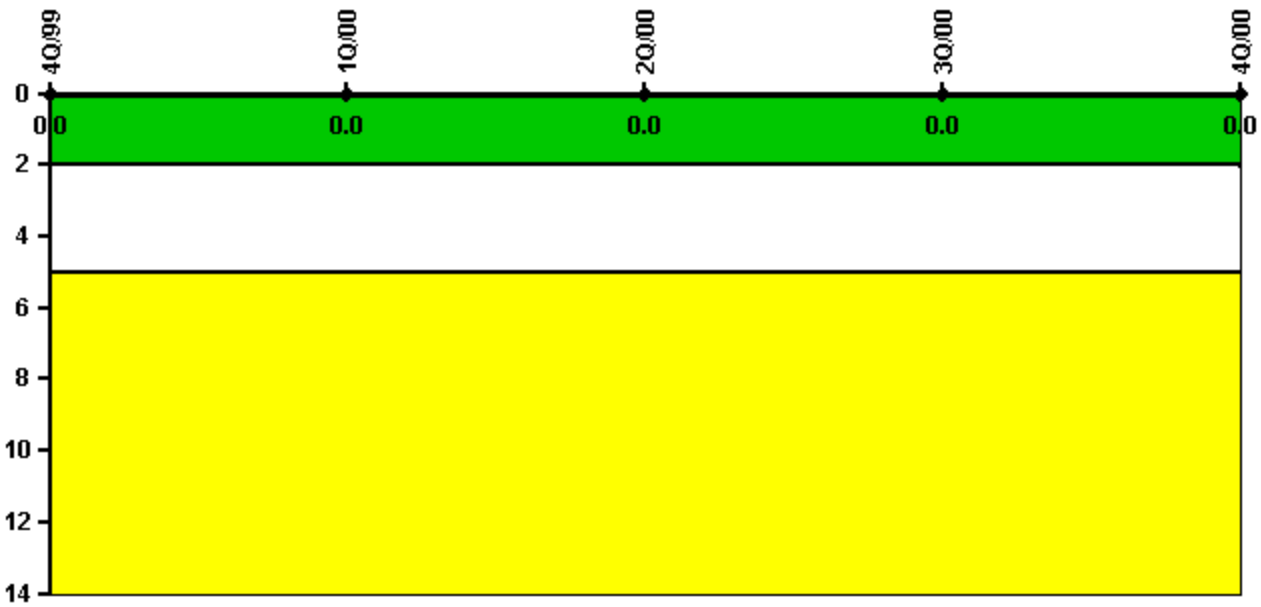
Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Successful siren-tests	211	203	239	244	246
Total sirens-tests	219	213	252	252	252
Indicator value	95.9%	95.8%	95.3%	95.8%	96.2%

Licensee Comments:

2Q/00: Data review identified one less successful siren test in this quarter than originally reported.

Occupational Exposure Control Effectiveness



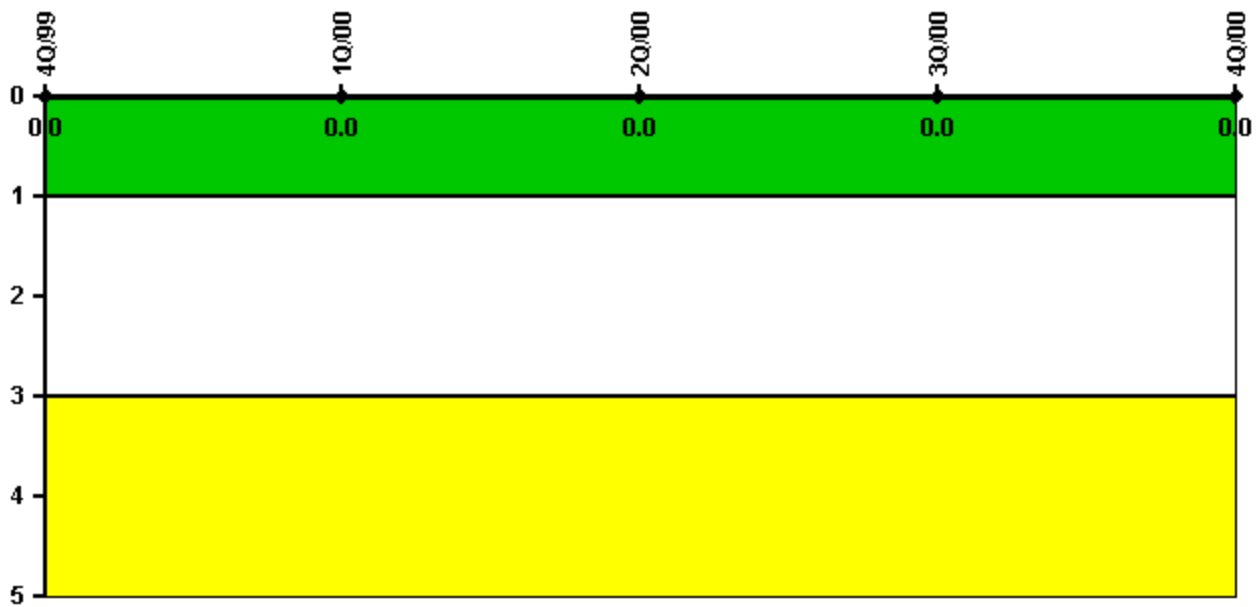
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
High radiation area occurrences	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



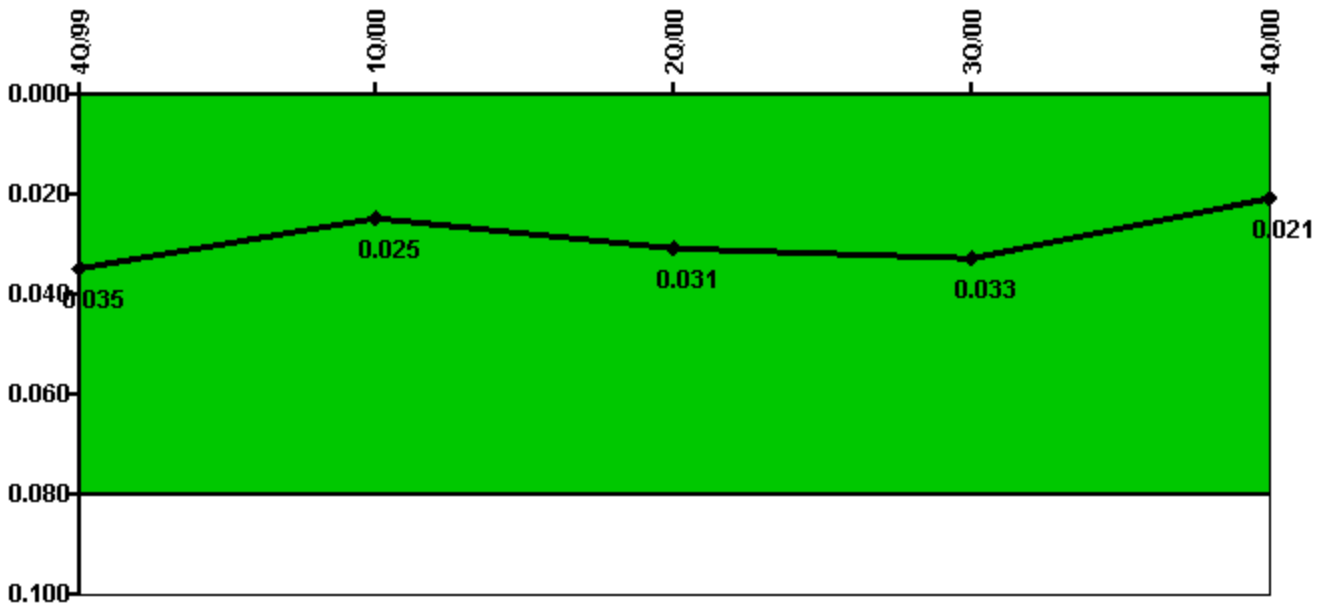
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	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	499.15	57.81	201.00	81.82	196.99
CCTV compensatory hours	0	0	0	0	0
IDS normalization factor	1.45	1.45	1.45	1.45	1.45
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0
Index Value	0.035	0.025	0.031	0.033	0.021

Licensee Comments: none

Personnel Screening Program



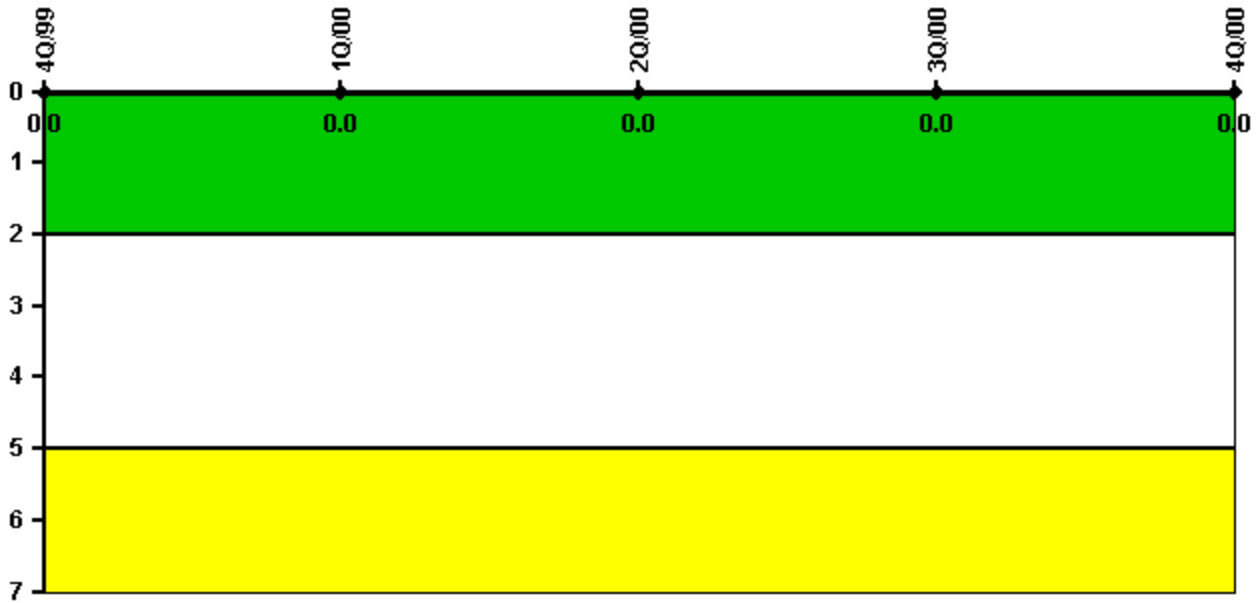
Thresholds: White > 2.0 Yellow > 5.0

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