

Columbia Generating Station

1Q/2000 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



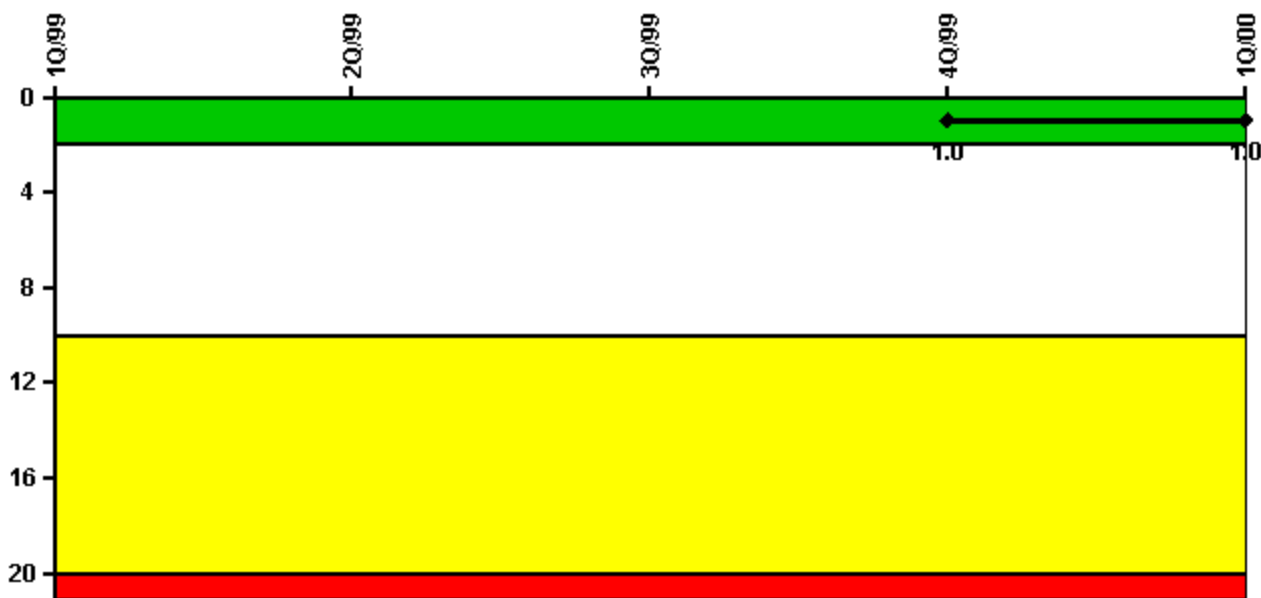
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Unplanned scrams	0	0	0	0	0
Critical hours	2160.0	388.5	1899.3	1686.3	2184.0
Indicator value	0	0	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



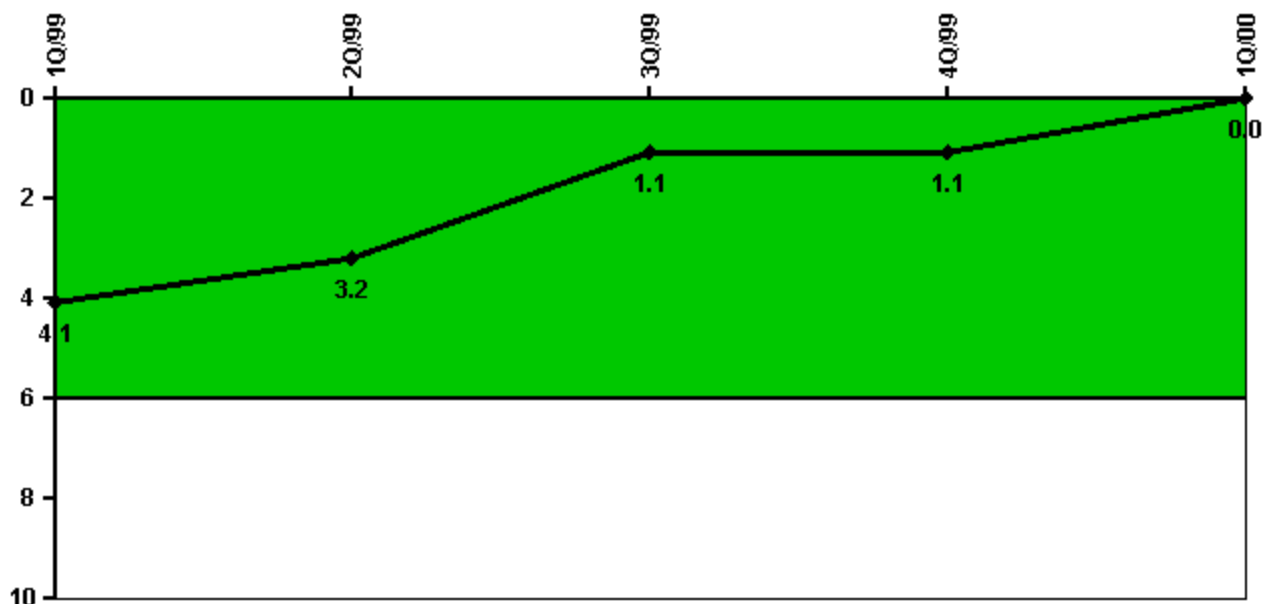
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



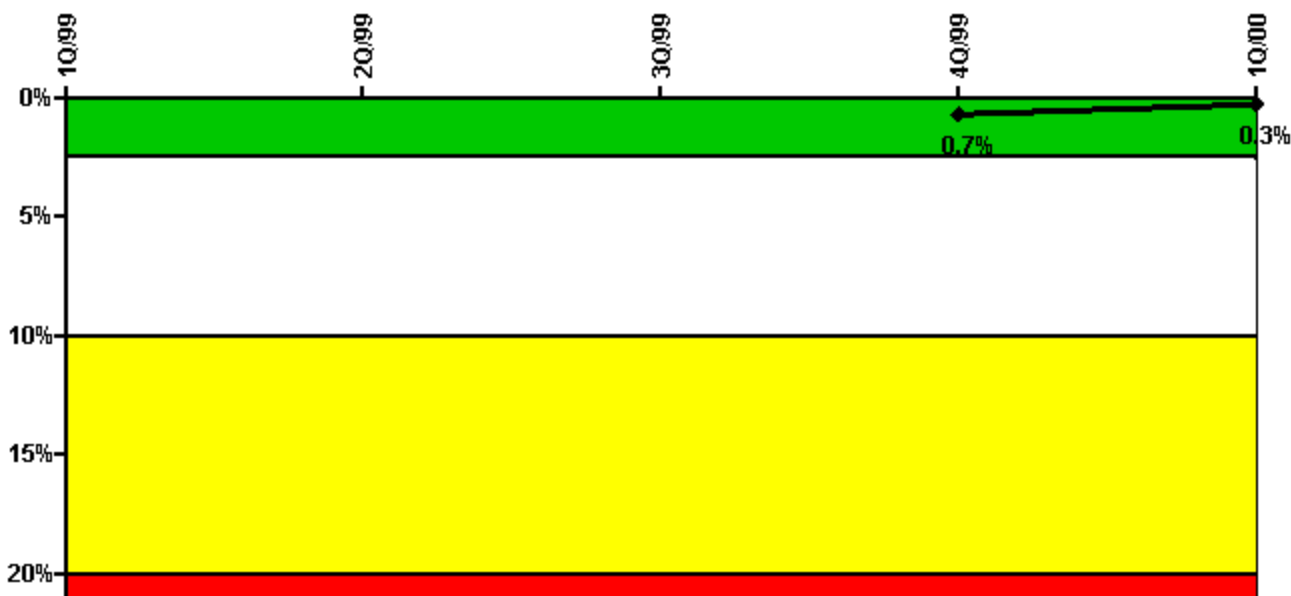
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Unplanned power changes	1.0	0	0	0	0
Critical hours	2160.0	388.5	1899.3	1686.3	2184.0
Indicator value	4.1	3.2	1.1	1.1	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	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	7.30	1.20	1.50	3.40	2.25
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	2160.00	2183.00	2208.00	2209.00	2184.00
Train 2					
Planned unavailable hours	1.30	0.50	10.50	3.90	4.35
Unplanned unavailable hours	0	0	14.60	0	1.87
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	345.40
Required hours	2160.00	2183.00	2208.00	2209.00	2184.00
Train 3					
Planned unavailable hours	2.10	0.30	1.00	2.10	4.76
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	2160.00	2183.00	2208.00	2209.00	2184.00
Indicator value				0.7%	0.3%

Licensee Comments:

1Q/00: The fault exposure hours for EDG-2 in Q3/1998 were reset to 0 per the criteria in NEI 99-02.

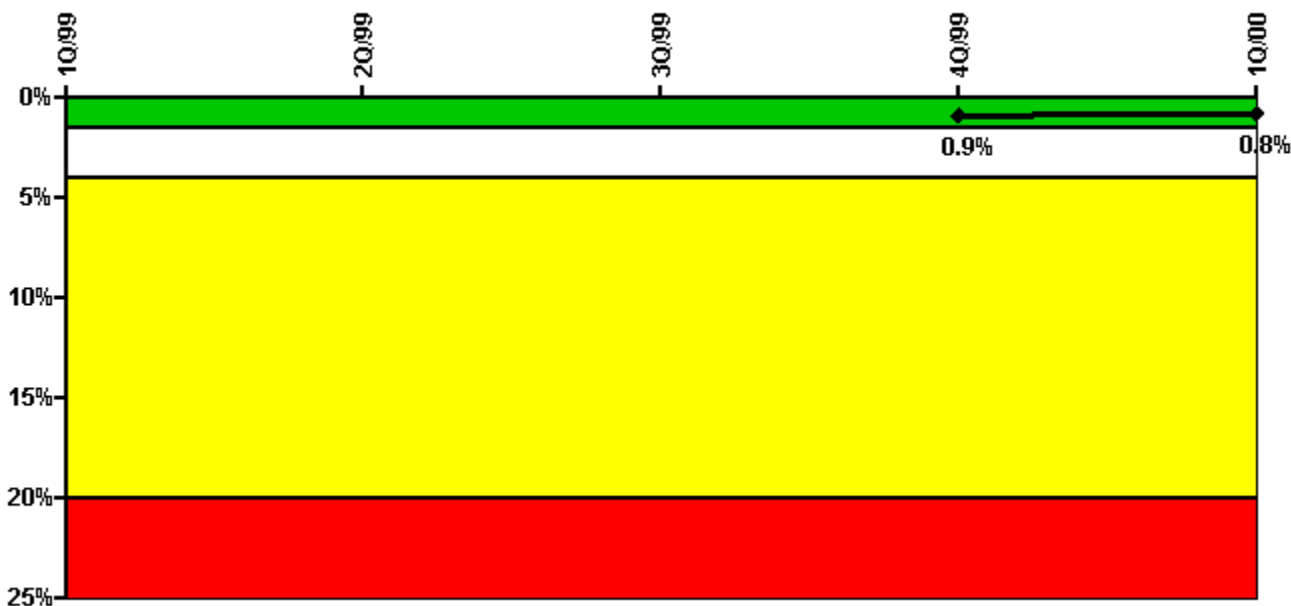
3Q/98:

3Q/98:

Effective Reset Comments:

1Q/00: Previously reset hours were reset under the new process.

Safety System Unavailability, High Pressure Injection System (HPCS)



Thresholds: White > 1.5% Yellow > 4.0% Red > 20.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCS)	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	11.00	13.40	74.30	3.20	8.14
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	2160.00	412.20	1899.00	1692.00	2184.00
Indicator value				0.9%	0.8%

Licensee Comments:

1Q/00: Q4/1999 Hours train required for service was changed from 1688 to 1692

Safety System Unavailability, Heat Removal System (RCIC)



Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

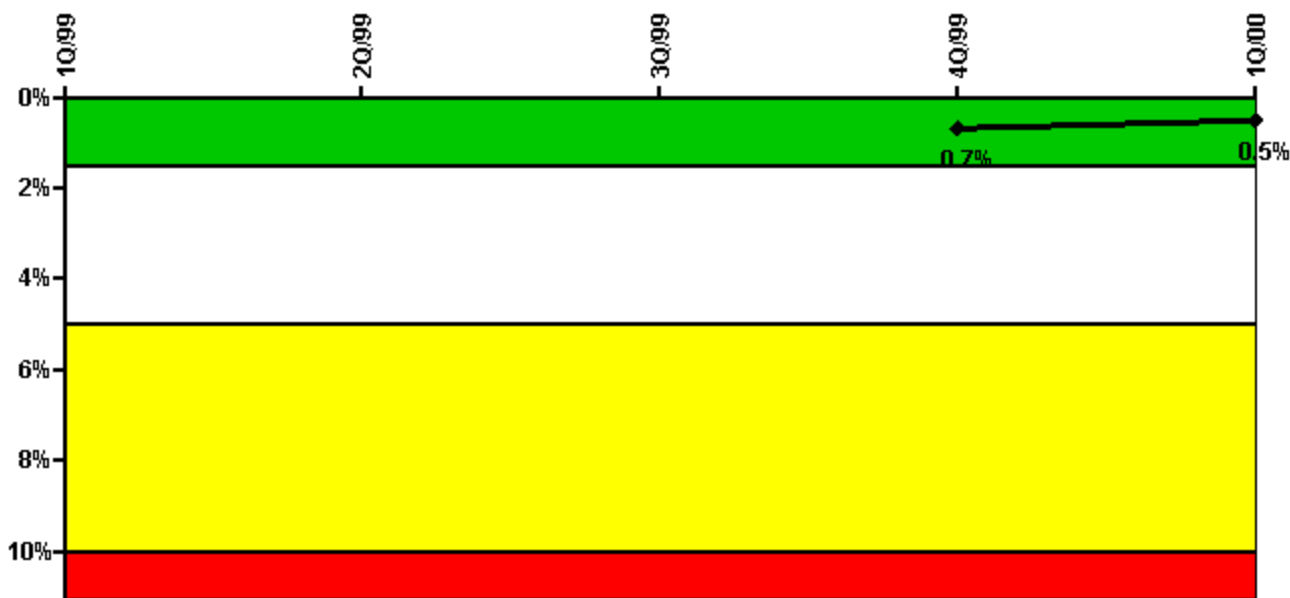
Notes

Safety System Unavailability, Heat Removal System (RCIC)	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	150.70	0	148.50	4.70	22.57
Unplanned unavailable hours	0	0	1.90	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	401.80	1899.00	1676.30	2184.00
Indicator value				3.3%	3.2%

Licensee Comments:

1Q/00: Q4/1999 Hours train required for service was changed from 1688 to 1676.3

Safety System Unavailability, Residual Heat Removal System



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

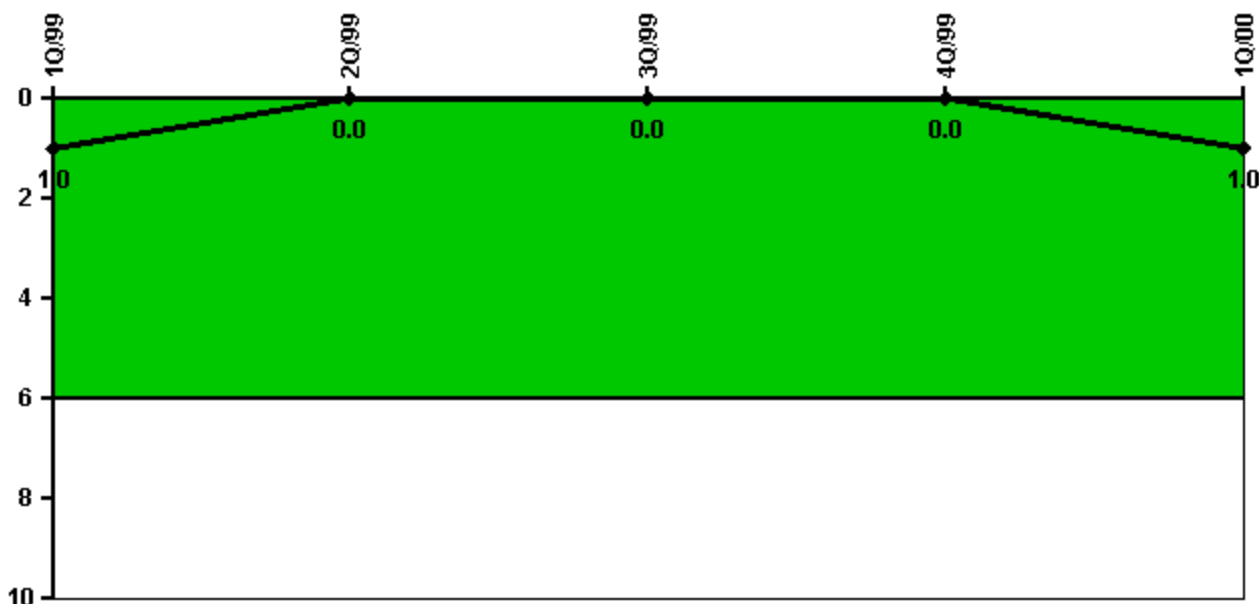
Notes

Safety System Unavailability, Residual Heat Removal System	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	8.70	5.60	12.30	10.00	0.37
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	2160.00	2183.00	2067.00	2050.00	2184.00
Train 2					
Planned unavailable hours	47.80	1.00	8.80	20.30	0.25
Unplanned unavailable hours	0	0	0	0	1.87
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	2183.00	2067.00	2050.00	2184.00
Indicator value				0.7%	0.5%

Licensee Comments:

1Q/00: Q4/1999 Hours train 1 and train 2 required for service was changed from 2047 to 2050

Safety System Functional Failures (BWR)



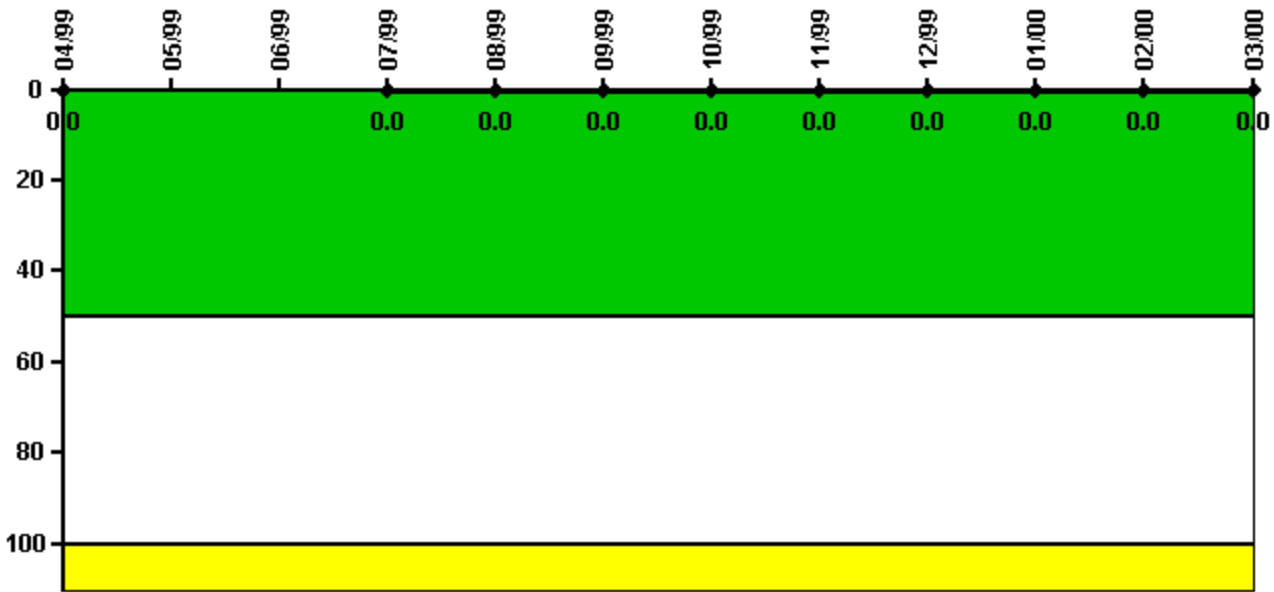
Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



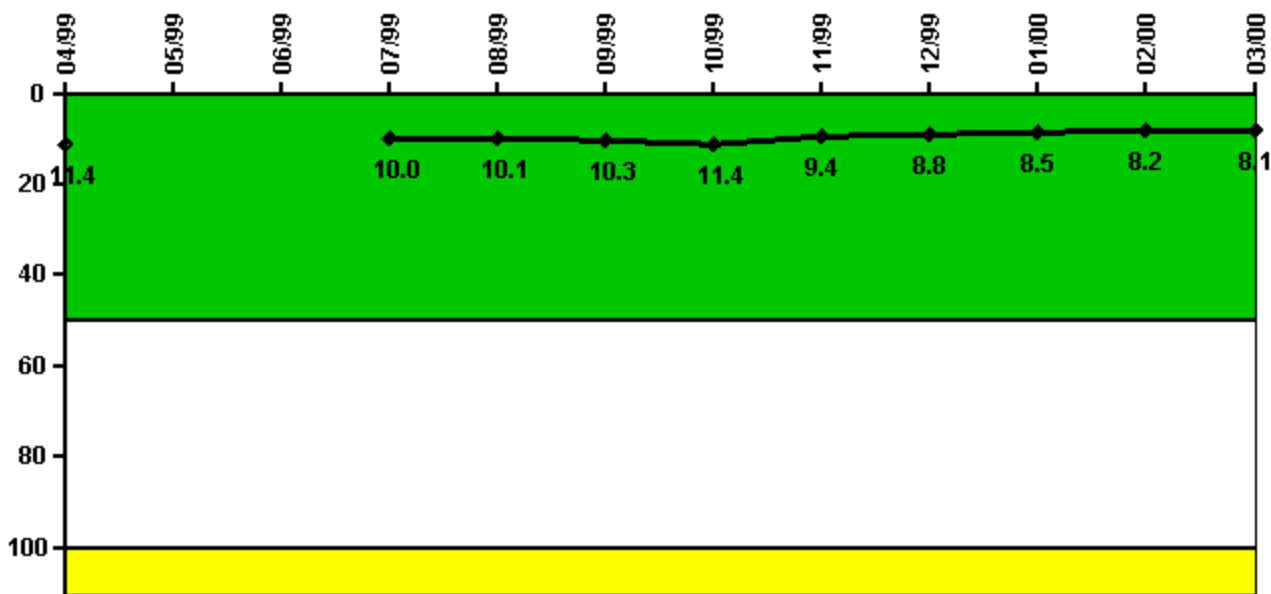
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	4/99	5/99	6/99	7/99	8/99	9/99	10/99	11/99	12/99	1/00	2/00	3/00
Maximum activity	0.000040	N/A	N/A	0.000039	0.000089	0.000042	0.000023	0.000029	0.000031	0.000031	0.000024	0.000020
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	N/A	N/A	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

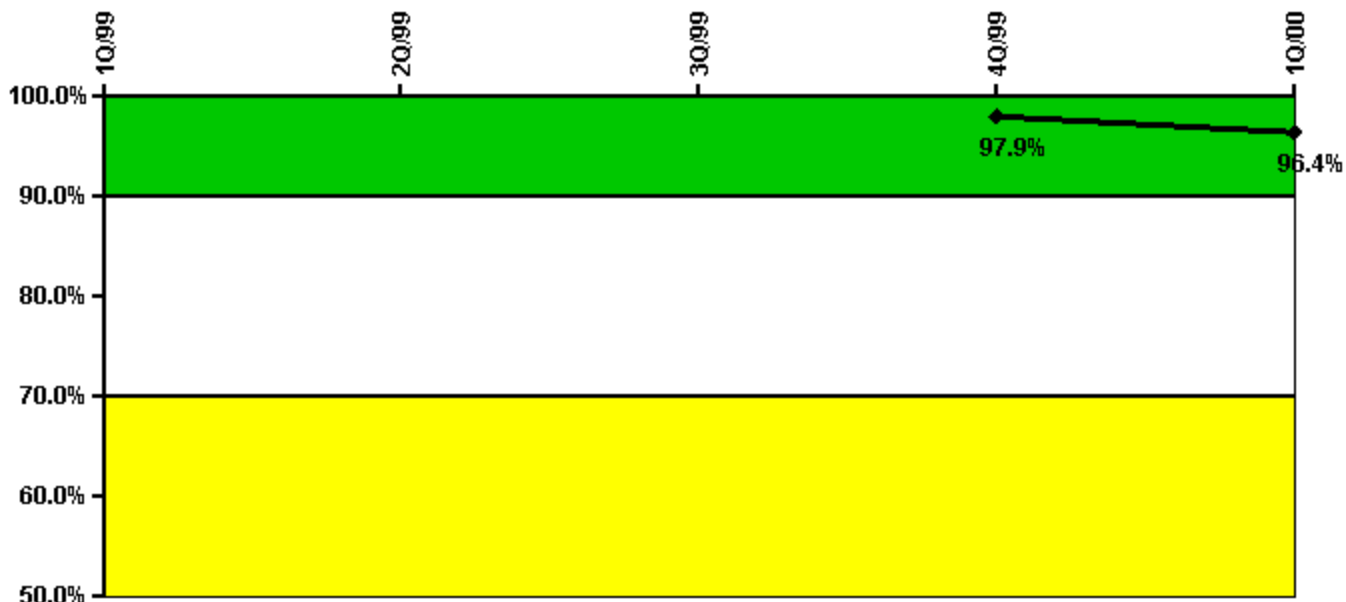
Notes

Reactor Coolant System Leakage	4/99	5/99	6/99	7/99	8/99	9/99	10/99	11/99	12/99	1/00	2/00	3/00
Maximum leakage	2.860	N/A	N/A	2.500	2.520	2.580	2.840	2.350	2.210	2.130	2.040	2.030
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	11.4	N/A	N/A	10.0	10.1	10.3	11.4	9.4	8.8	8.5	8.2	8.1

Licensee Comments:

3/00: This indicator data is RCS Total Leakage. The WNP-2 Technical Specification Limit is for Total Leakage.

Drill/Exercise Performance



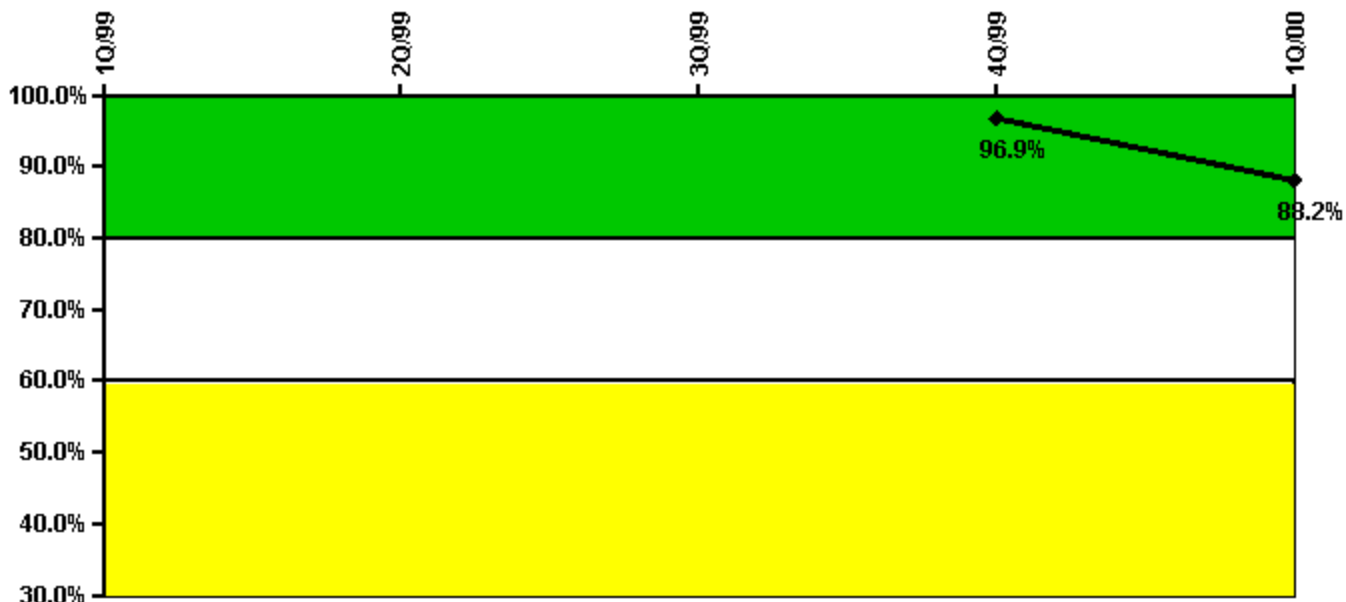
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Successful opportunities	21.0	12.0	2.0	7.0	22.0
Total opportunities	22.0	12.0	2.0	7.0	23.0
Indicator value				97.9%	96.4%

Licensee Comments: none

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

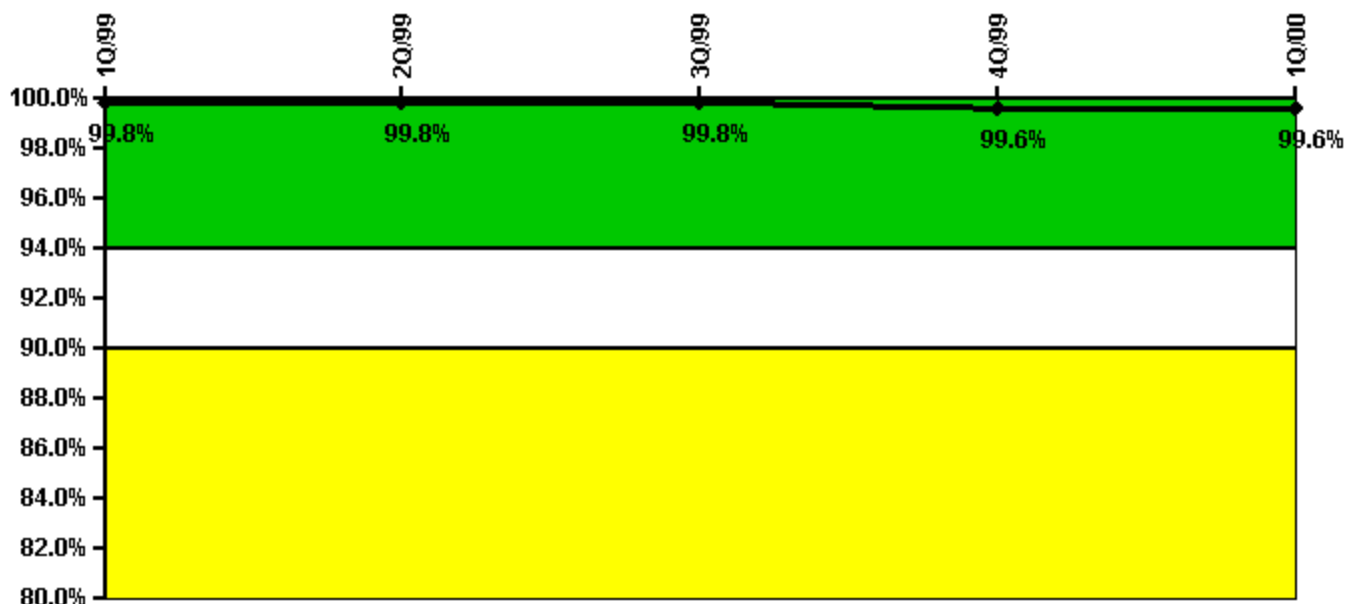
Notes

ERO Drill Participation	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Participating Key personnel	0			62.0	60.0
Total Key personnel	0			64.0	68.0
Indicator value				96.9%	88.2%

Licensee Comments:

1Q/00: This indicator represents 3 quarters of data and a portion of another. The data needed for this indicator was not maintained in this format for a full 8 quarters.

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

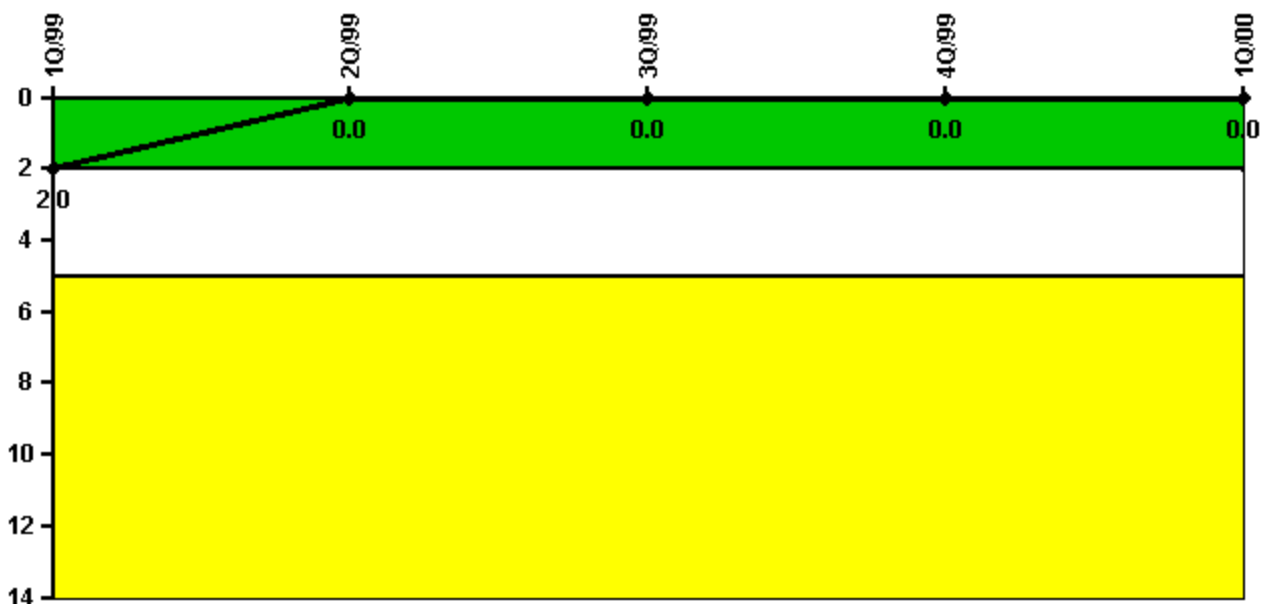
Notes

Alert & Notification System	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Successful siren-tests	121	143	120	164	132
Total sirens-tests	121	143	121	165	132
Indicator value	99.8%	99.8%	99.8%	99.6%	99.6%

Licensee Comments:

1Q/00: Q4/1999 Number of ANS Sirens tested changed from 44 to 55 and the number of successful siren tests was changed from 43 to 54

Occupational Exposure Control Effectiveness



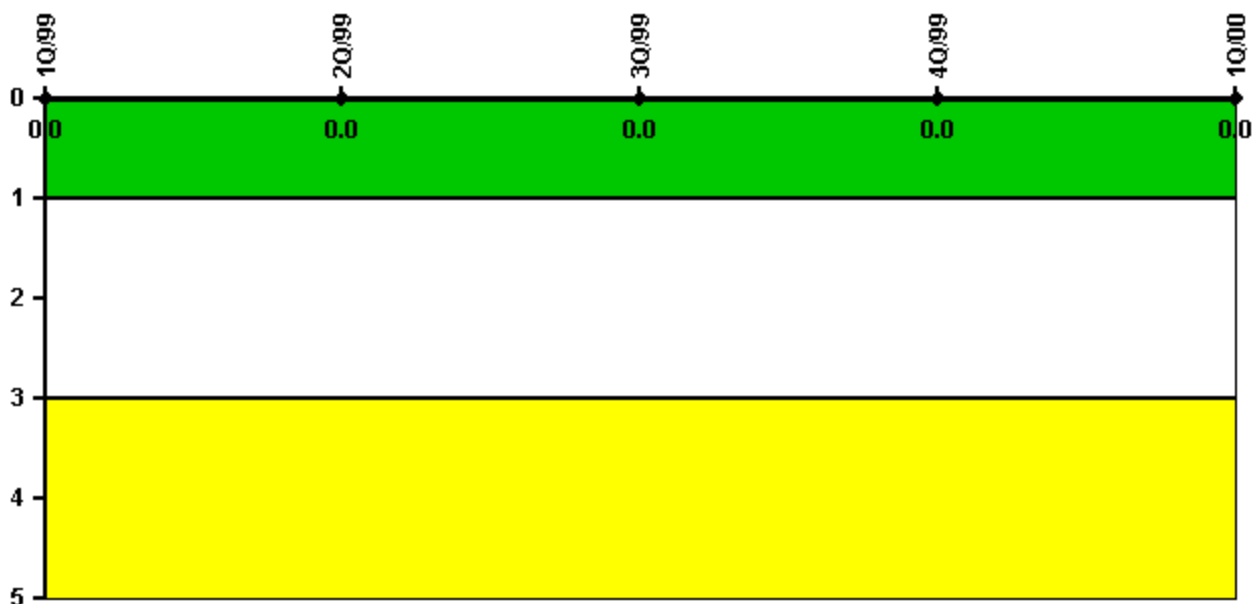
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/99	2Q/99	3Q/99	4Q/99	1Q/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	2	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



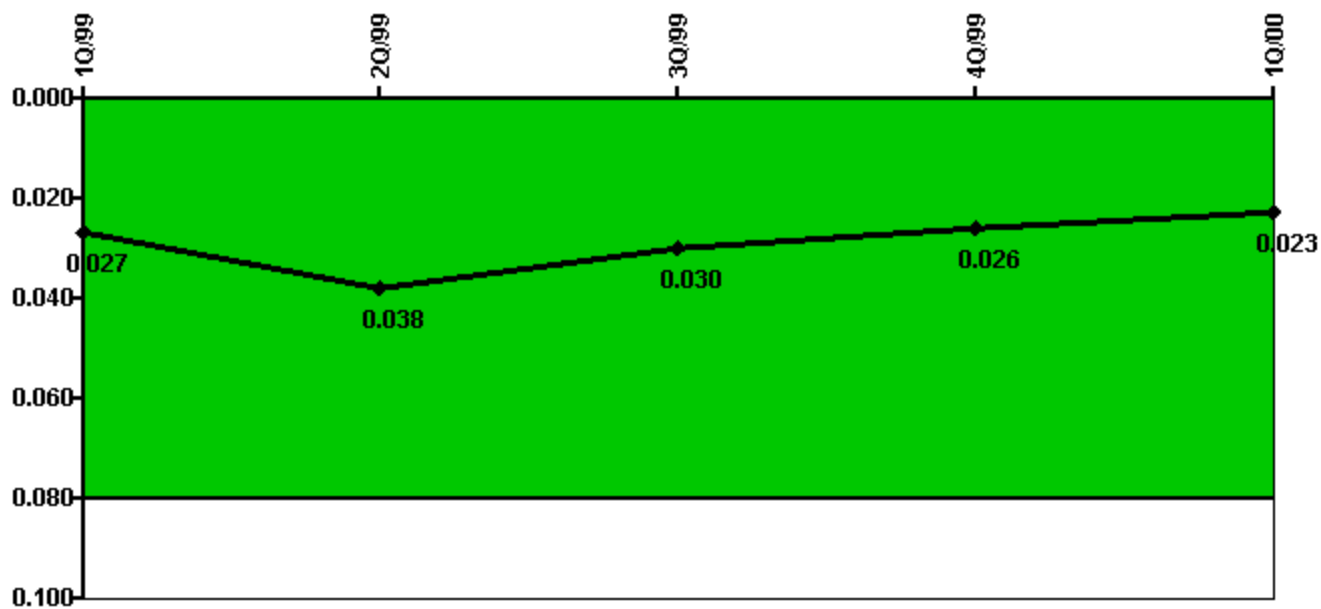
Thresholds: White > 1.0 Yellow > 3.0

Notes

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

Licensee Comments: none

Protected Area Security Performance Index



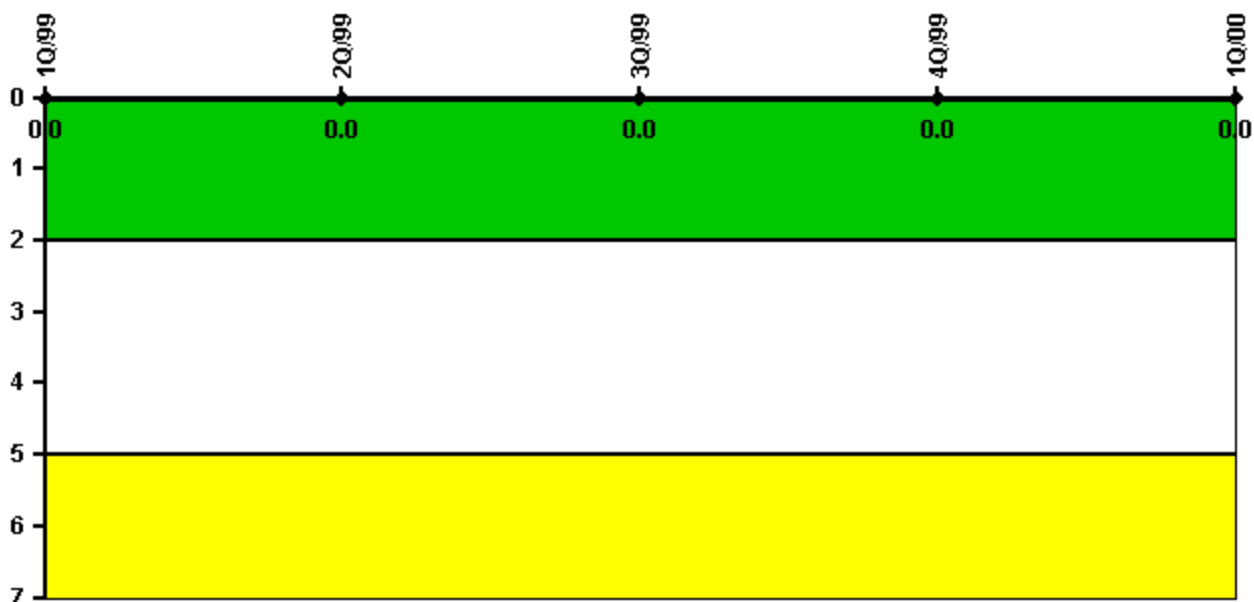
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
IDS compensatory hours	149.80	285.40	62.00	55.80	45.90
CCTV compensatory hours	11.4	133.8	36.7	2.6	12.6
IDS normalization factor	2.10	2.10	2.10	2.10	2.10
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0
Index Value	0.027	0.038	0.030	0.026	0.023

Licensee Comments: none

Personnel Screening Program



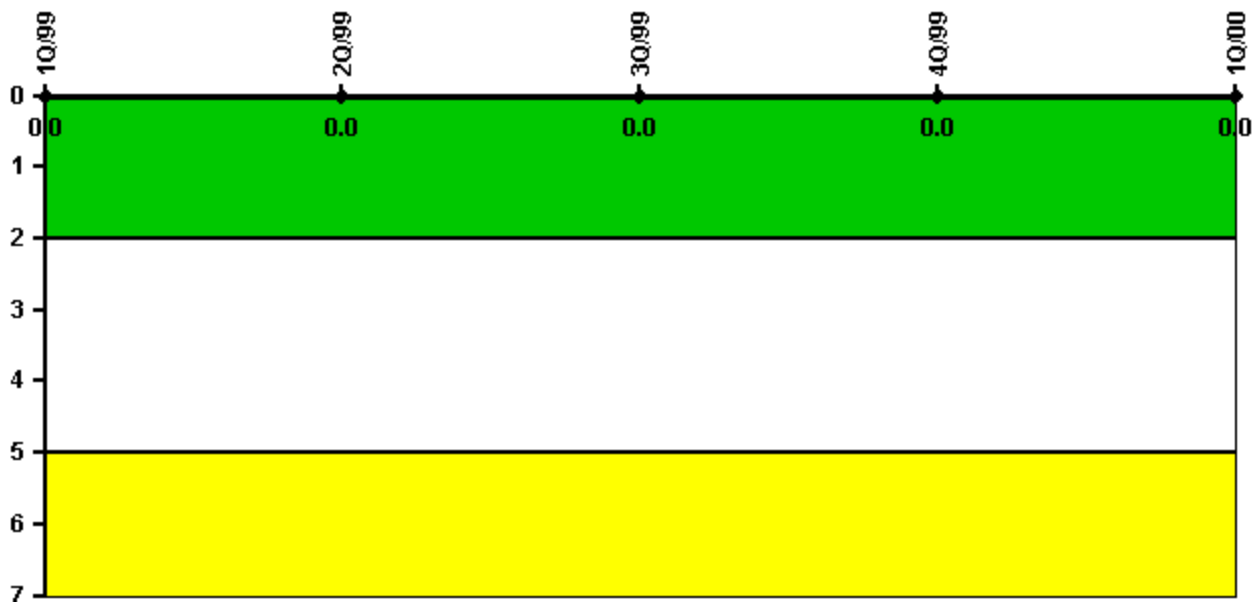
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

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Last Modified: April 1, 2002