

Crystal River 3

3Q/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	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Unplanned scrams	0	0	0	0	0
Critical hours	2208.0	1139.0	2184.0	2136.4	2045.2
Indicator value	0	0	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



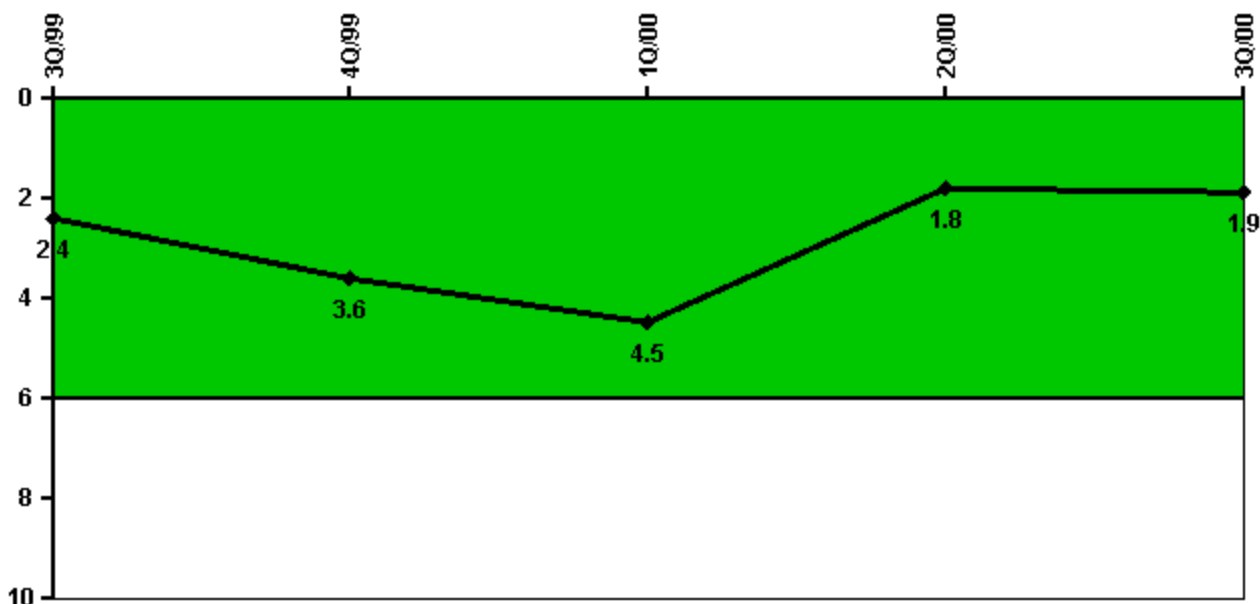
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



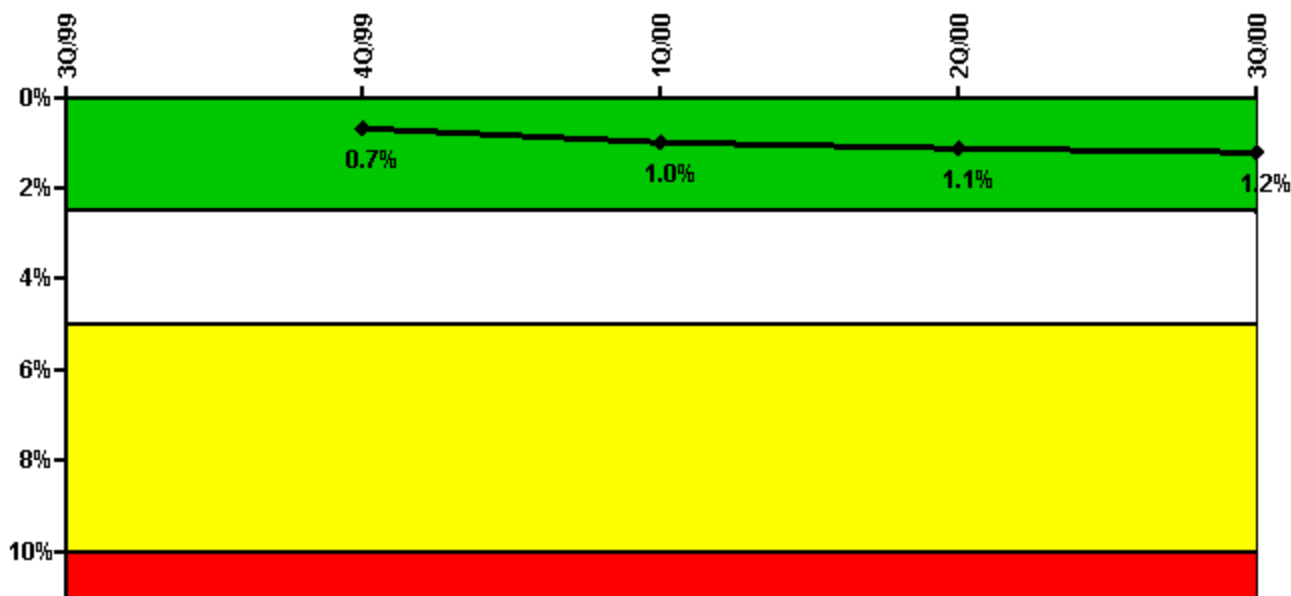
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Unplanned power changes	0	1.0	1.0	0	0
Critical hours	2208.0	1139.0	2184.0	2136.4	2045.2
Indicator value	2.4	3.6	4.5	1.8	1.9

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



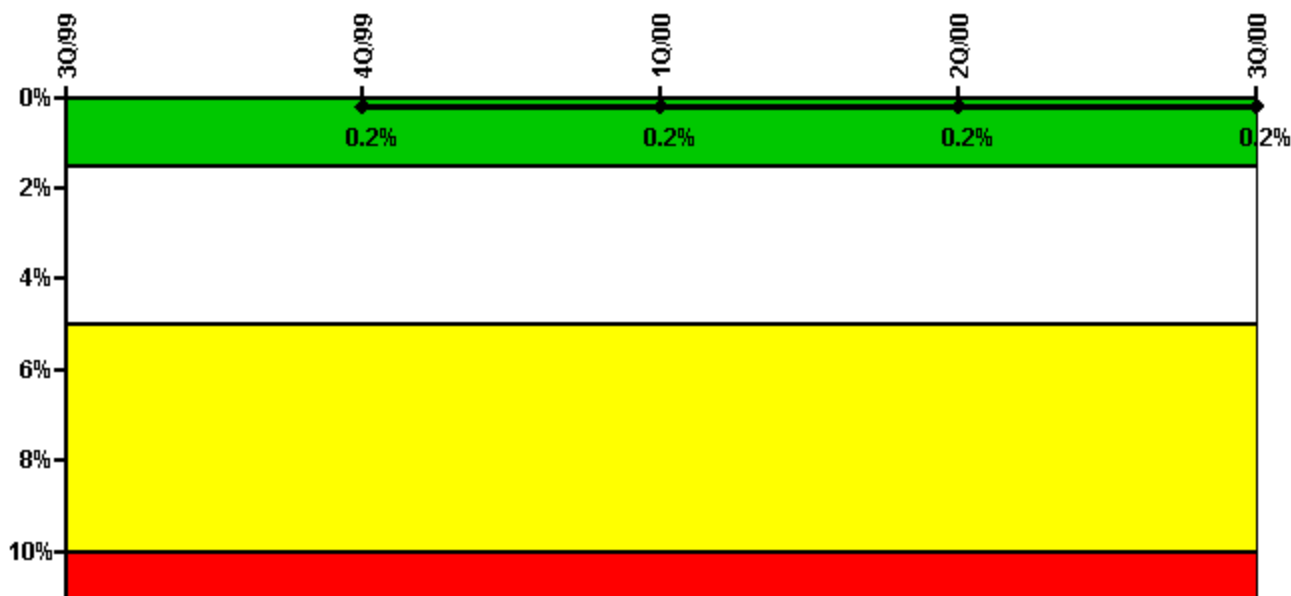
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	14.50	0	51.46	24.37	16.85
Unplanned unavailable hours	0	0	52.60	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00
Train 2					
Planned unavailable hours	20.00	0	35.24	27.05	39.00
Unplanned unavailable hours	61.81	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00
Indicator value		0.7%	1.0%	1.1%	1.2%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



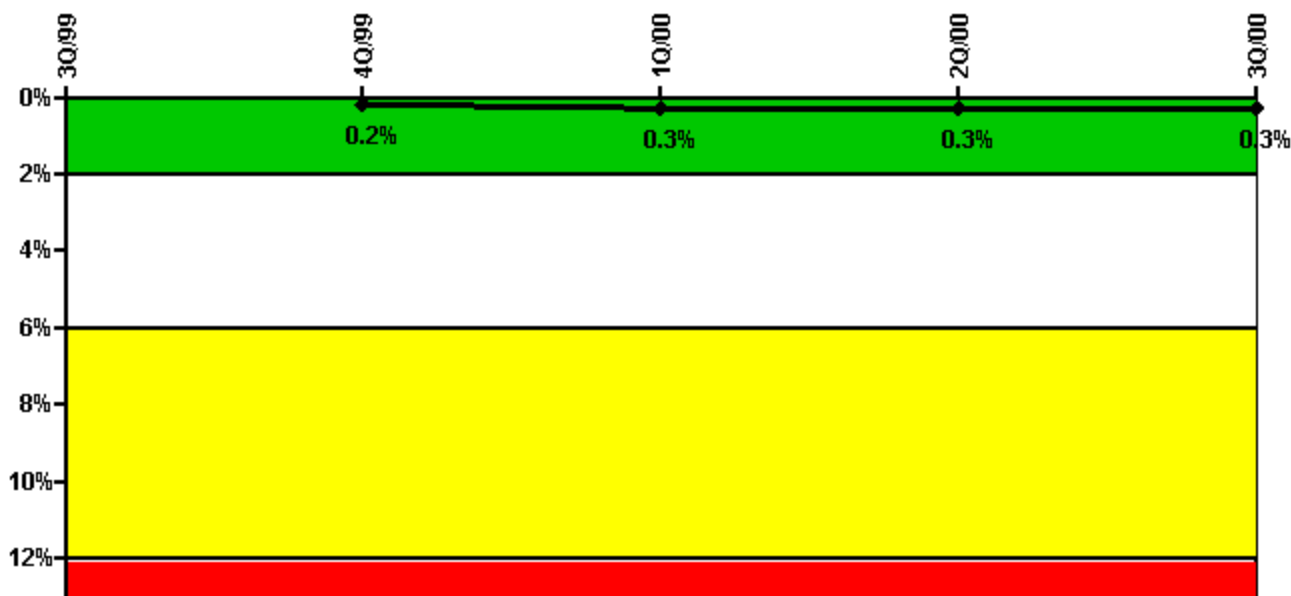
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	1.60	0	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	2208.00	1325.40	2184.00	2183.00	2101.50
Train 2					
Planned unavailable hours	6.60	3.10	0	0	0
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	3.10	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	1325.40	2184.00	2183.00	2101.50
Indicator value		0.2%	0.2%	0.2%	0.2%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



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

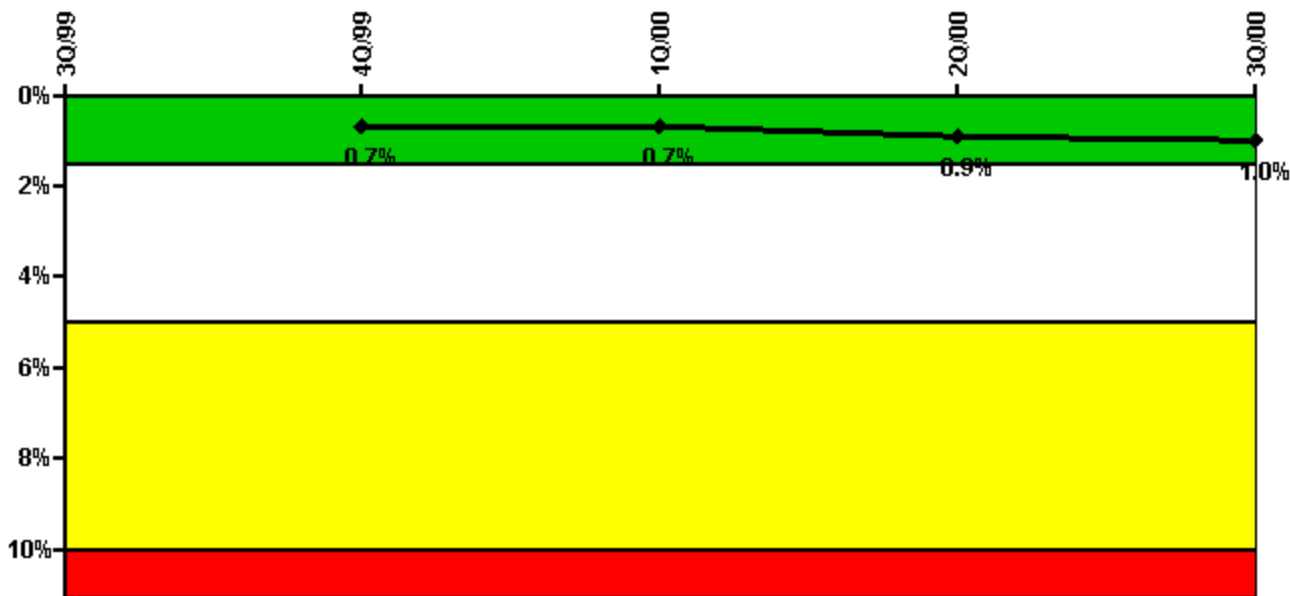
Notes

Safety System Unavailability, Heat Removal System (AFW)	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	0	1.00	17.12	19.06	5.00
Unplanned unavailable hours	0	0	0	2.75	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	1322.00	2184.00	2183.00	2101.50
Train 2					
Planned unavailable hours	7.70	0	8.50	23.82	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	2208.00	1322.00	2184.00	2183.00	2101.50
Indicator value		0.2%	0.3%	0.3%	0.3%

Licensee Comments:

2Q/00: EFW Safety System Unavailability for 2Q2000 (June - Train A) is revised to reflect a change resulting from an internal review. The change did not result in a threshold color change.

Safety System Unavailability, Residual Heat Removal System



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

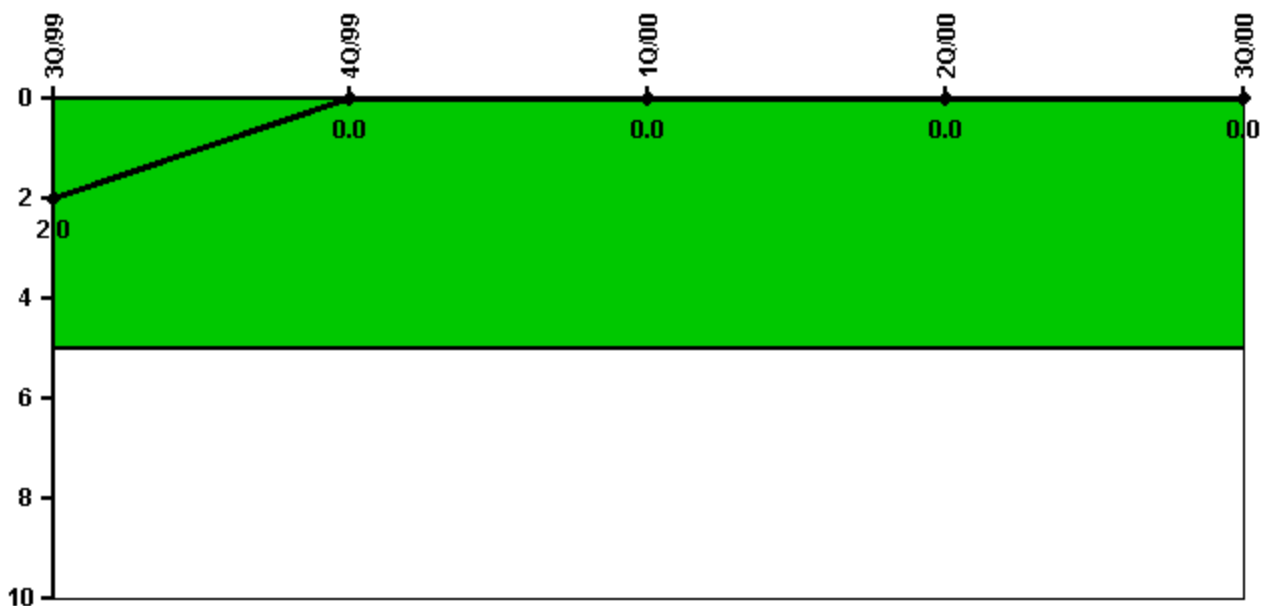
Notes

Safety System Unavailability, Residual Heat Removal System	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	20.70	0	0	1.97	29.10
Unplanned unavailable hours	0	0	17.70	13.90	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2070.80	2184.00	2183.00	2208.00
Train 2					
Planned unavailable hours	18.20	3.10	0	40.70	18.00
Unplanned unavailable hours	0	0	0	0	11.30
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2070.80	2184.00	2183.00	2208.00
Indicator value		0.7%	0.7%	0.9%	1.0%

Licensee Comments:

2Q/99: LPI/DH Safety System Unavailability for 2Q99 revised to reflect a change resulting from an internal review. Change did not result in a threshold color change.

Safety System Functional Failures (PWR)



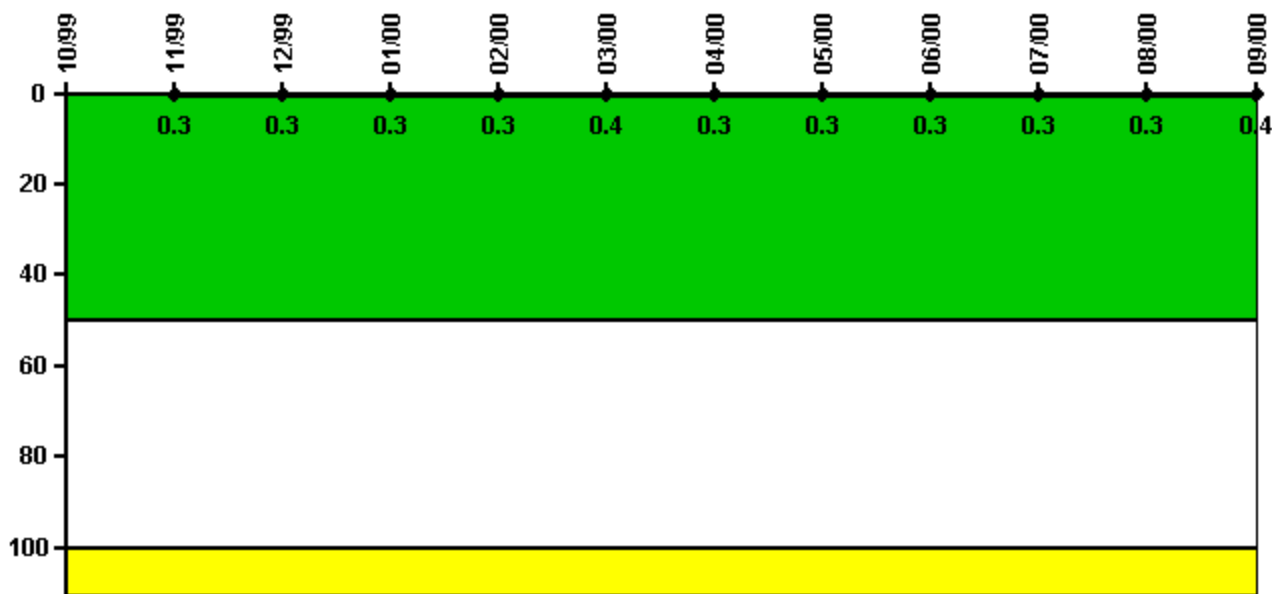
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



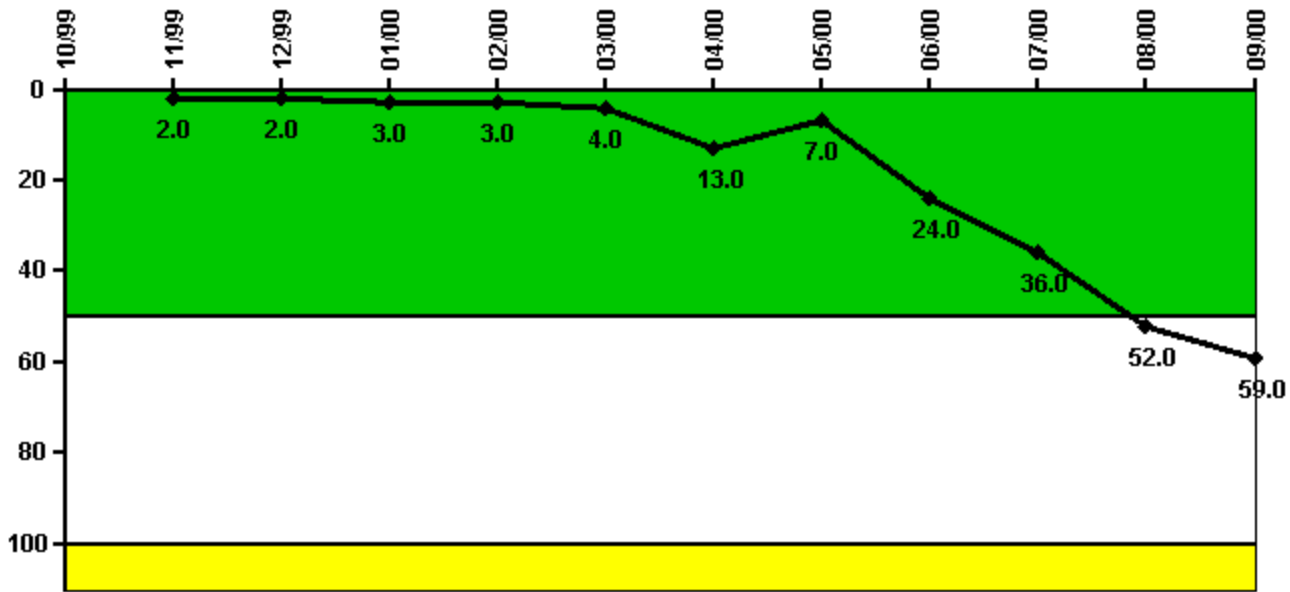
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum activity	N/A	0.002507	0.003350	0.003040	0.003110	0.004000	0.003000	0.003200	0.002870	0.002810	0.002810	0.003830
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	N/A	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.4

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

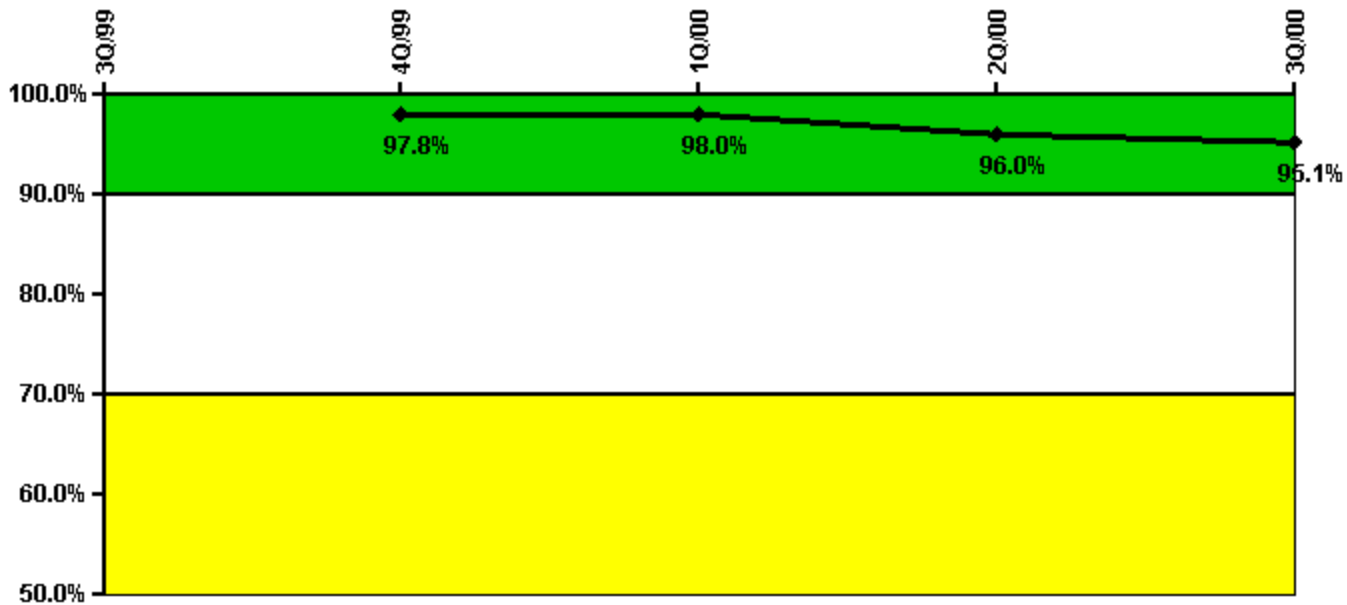
Notes

Reactor Coolant System Leakage	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum leakage	N/A	0.200	0.200	0.300	0.300	0.400	1.300	0.700	2.400	3.600	5.200	5.900
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	N/A	2.0	2.0	3.0	3.0	4.0	13.0	7.0	24.0	36.0	52.0	59.0

Licensee Comments:

9/00: 3Q00: Seat leakage through one of two pressurizer relief valves was a principal contributor to exceeding the level for Green operations and led to a White indicator. The Unit was taken off line in September for replacement of the valve. After valve replacement, operations in this performance indicator returned to Green. However, the performance indicator for this parameter during the 3rd Quarter 2000 is White. It is expected that the performance indicator will return to Green during the next evaluation period.

Drill/Exercise Performance



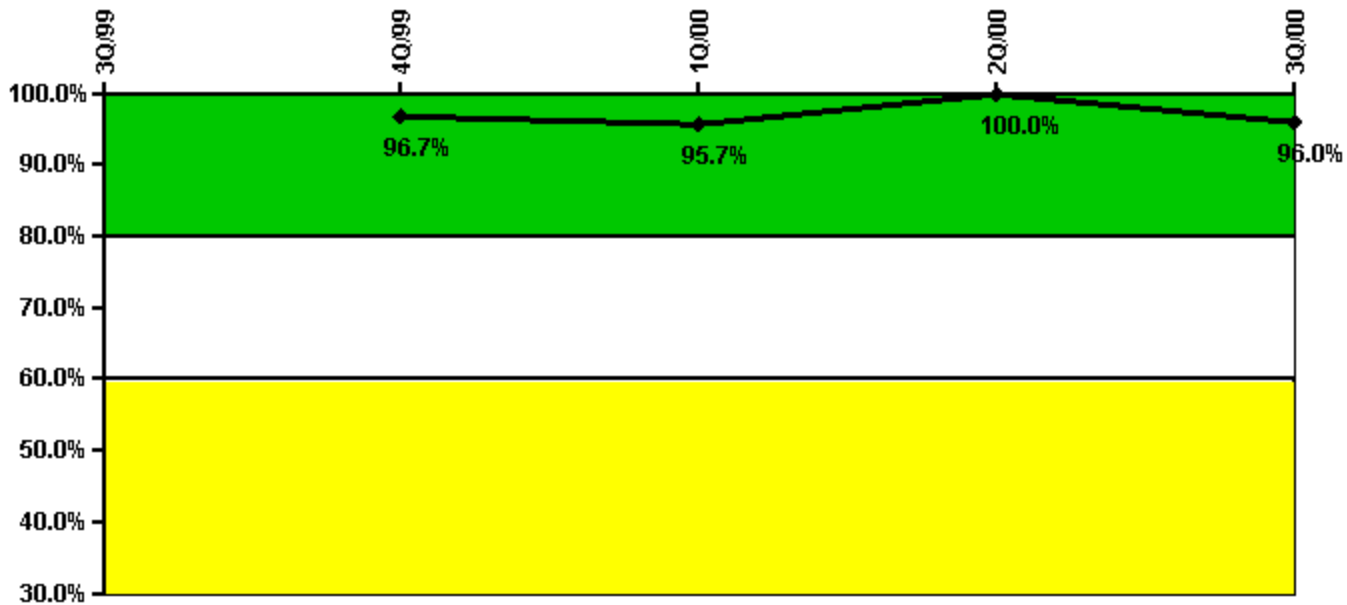
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Successful opportunities	21.0	110.0	32.0	68.0	29.0
Total opportunities	21.0	112.0	32.0	76.0	34.0
Indicator value		97.8%	98.0%	96.0%	95.1%

Licensee Comments: none

ERO Drill Participation



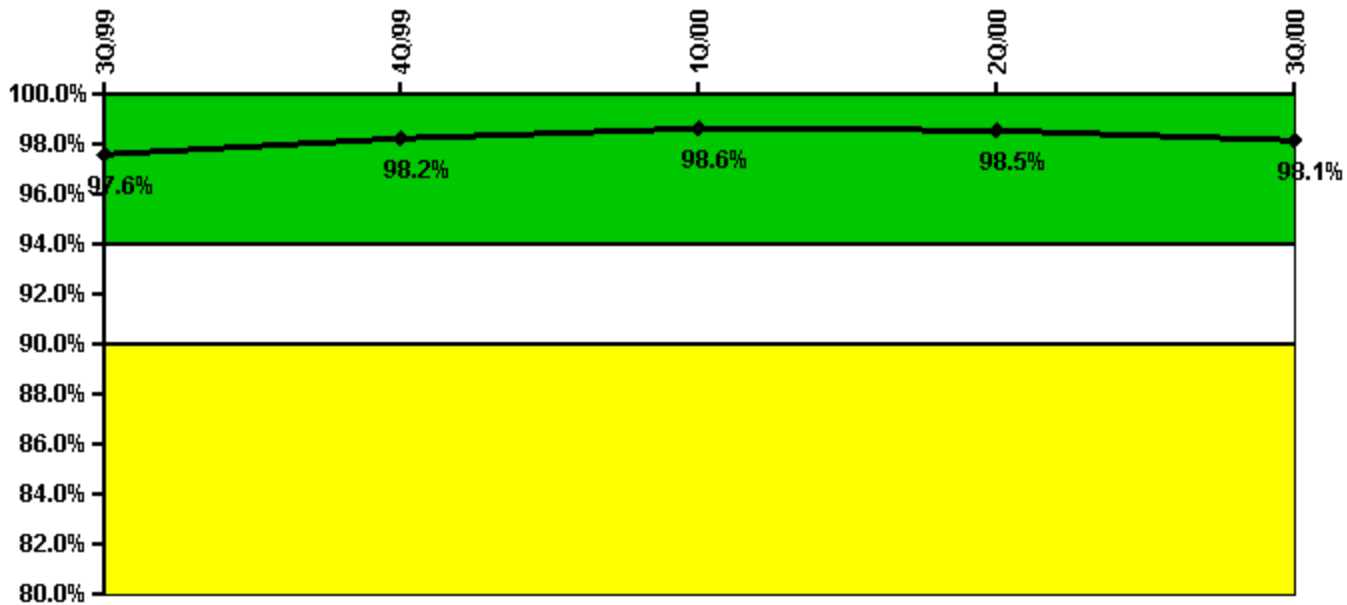
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Participating Key personnel		59.0	67.0	68.0	72.0
Total Key personnel		61.0	70.0	68.0	75.0
Indicator value		96.7%	95.7%	100.0%	96.0%

Licensee Comments: none

Alert & Notification System



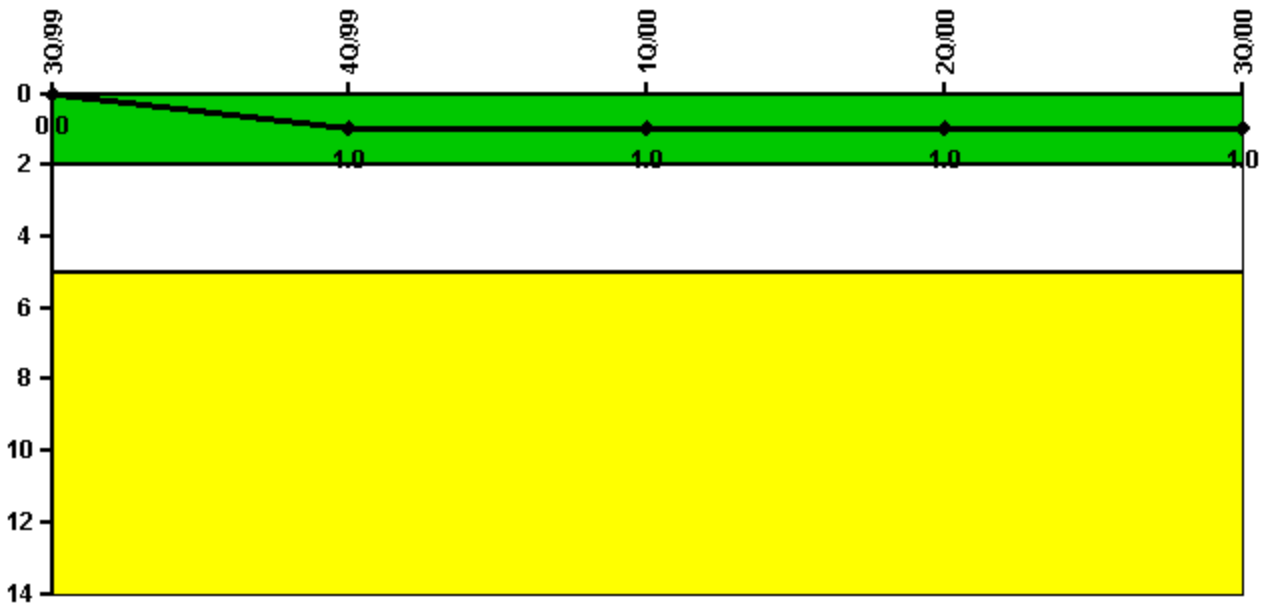
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Successful siren-tests	584	1265	1384	1493	1273
Total sirens-tests	600	1280	1400	1520	1320
Indicator value	97.6%	98.2%	98.6%	98.5%	98.1%

Licensee Comments: none

Occupational Exposure Control Effectiveness



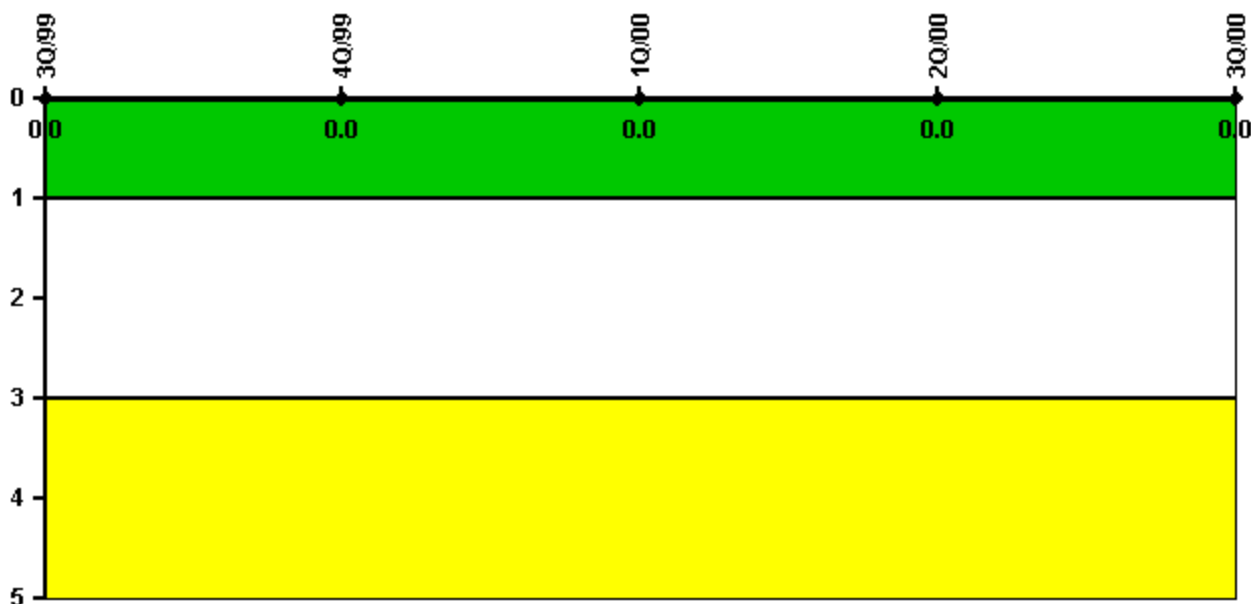
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

RETS/ODCM Radiological Effluent



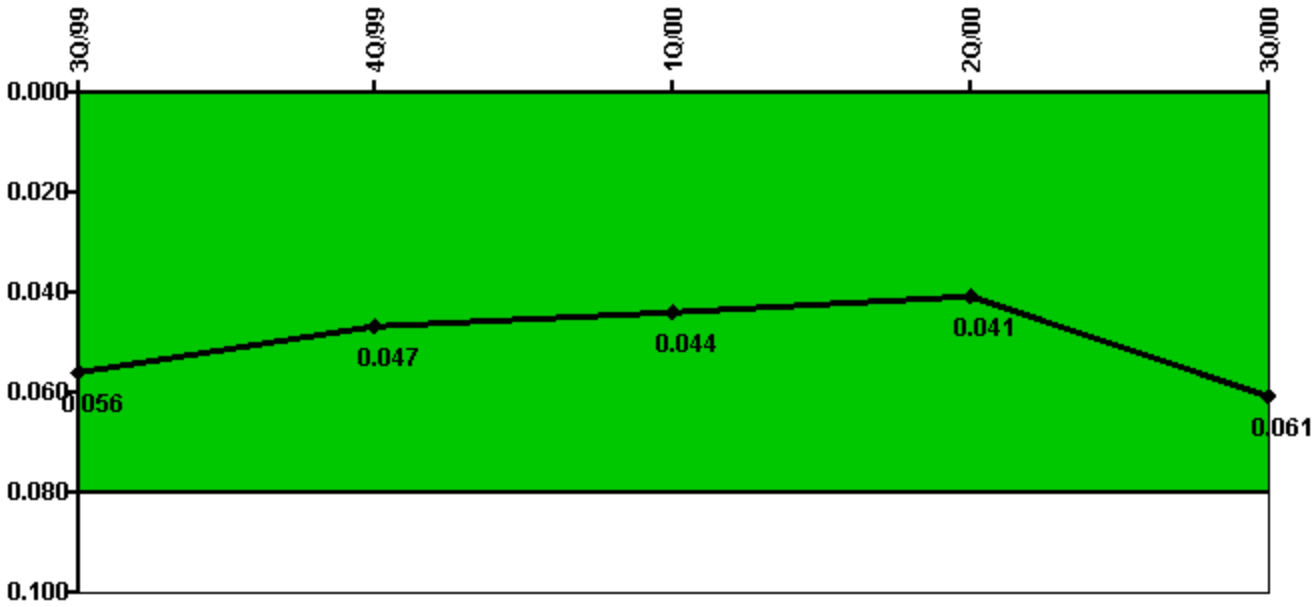
Thresholds: White > 1.0 Yellow > 3.0

Notes

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

Licensee Comments: none

Protected Area Security Performance Index



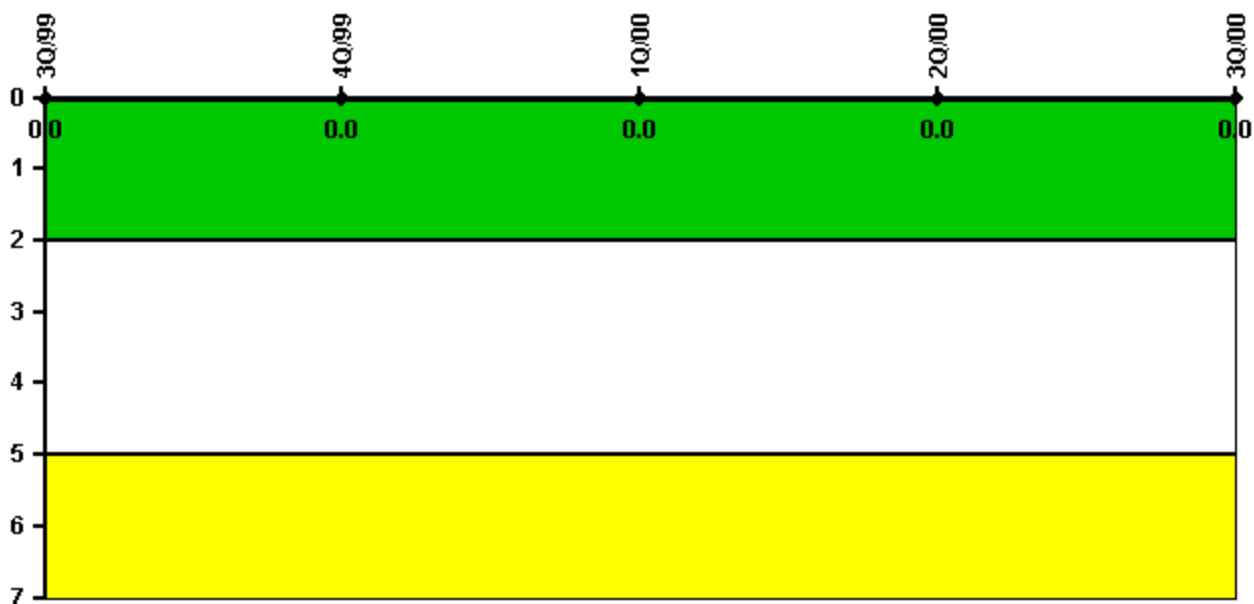
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
IDS compensatory hours	314.50	141.00	437.12	33.20	809.10
CCTV compensatory hours	13.5	16.8	32.7	16.9	26.8
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	0.056	0.047	0.044	0.041	0.061

Licensee Comments: none

Personnel Screening Program



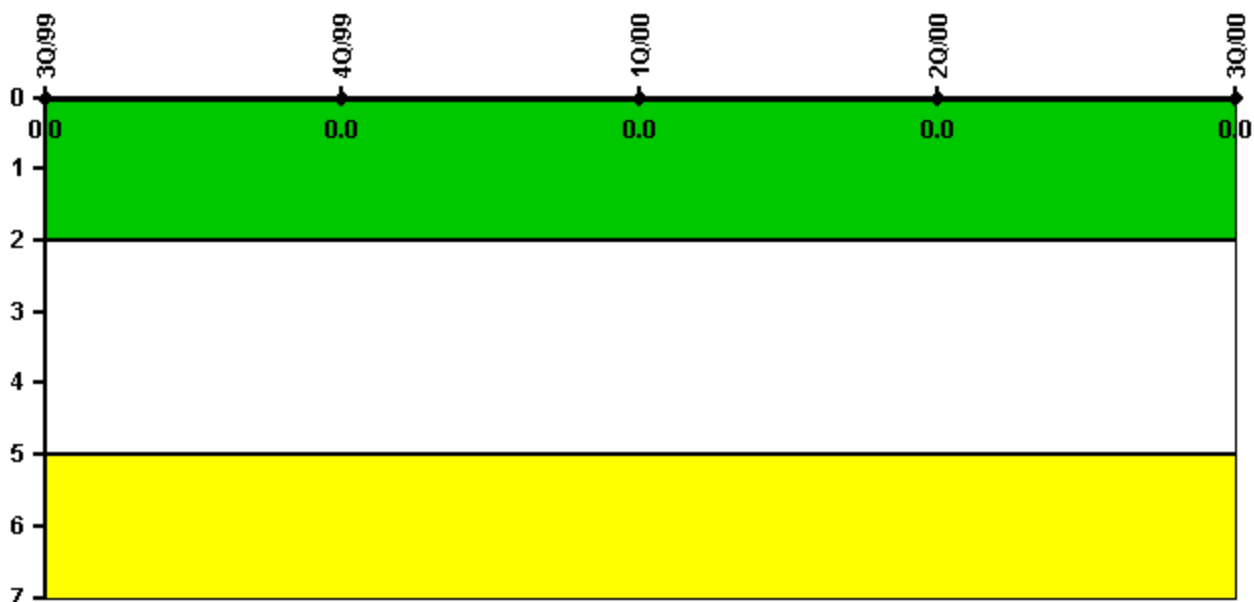
Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	3Q/99	4Q/99	1Q/00	2Q/00	3Q/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	3Q/99	4Q/99	1Q/00	2Q/00	3Q/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: March 29, 2002