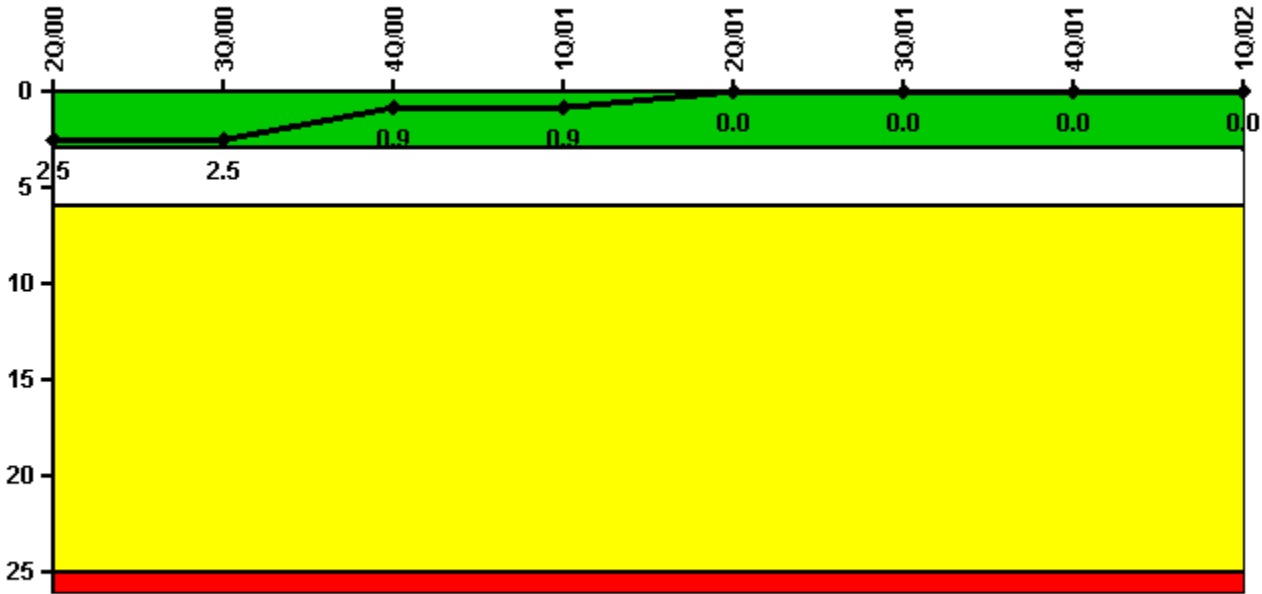


# FitzPatrick

## 1Q/2002 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



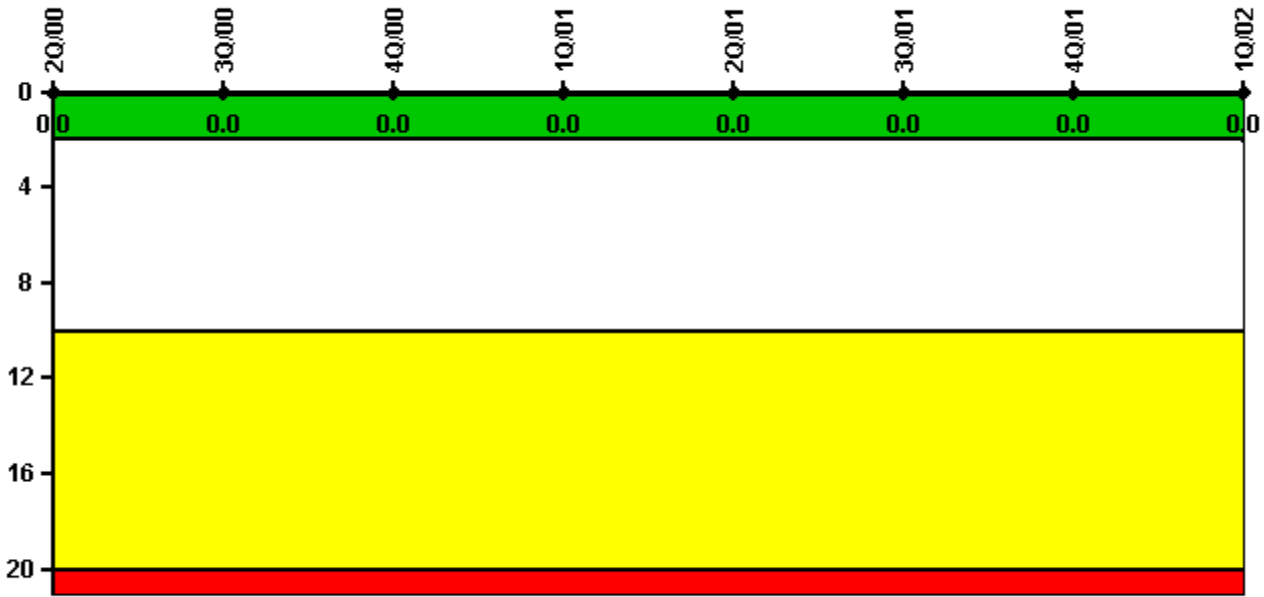
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Unplanned scrams	1.0	0	0	0	0	0	0	0
Critical hours	2090.5	2151.6	1342.3	2033.7	2183.0	2208.0	2209.0	2160.0
Indicator value	2.5	2.5	0.9	0.9	0	0	0	0

Licensee Comments: none

### Scrams with Loss of Normal Heat Removal



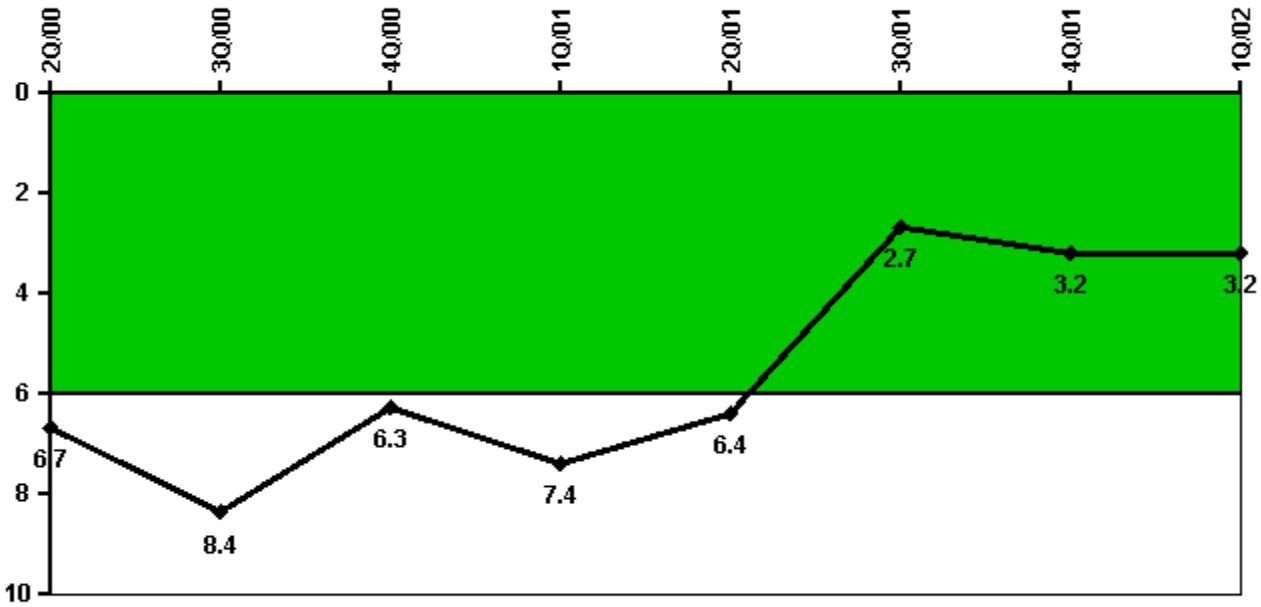
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

#### Notes

Scrams with Loss of Normal Heat Removal	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Scrams	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

### Unplanned Power Changes per 7000 Critical Hrs



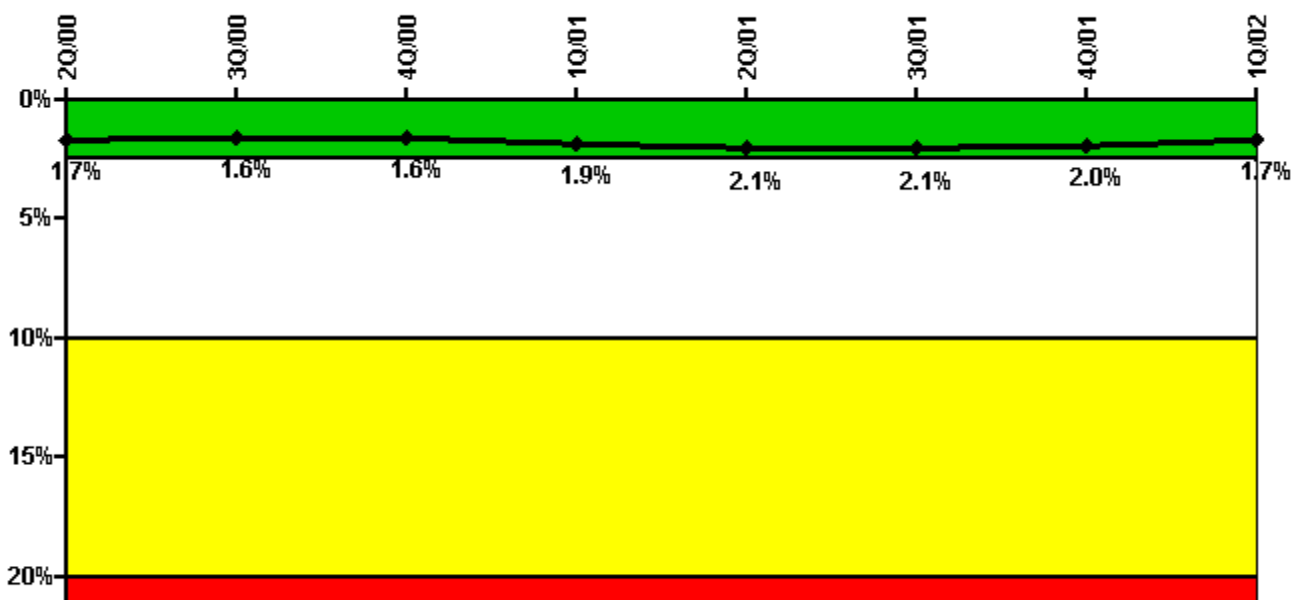
Thresholds: White > 6.0

#### Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Unplanned power changes	1.0	5.0	0	2.0	0	1.0	1.0	2.0
Critical hours	2090.5	2151.6	1342.3	2033.7	2183.0	2208.0	2209.0	2160.0
Indicator value	6.7	8.4	6.3	7.4	6.4	2.7	3.2	3.2

Licensee Comments: none

### Safety System Unavailability, Emergency AC Power, >2EDG



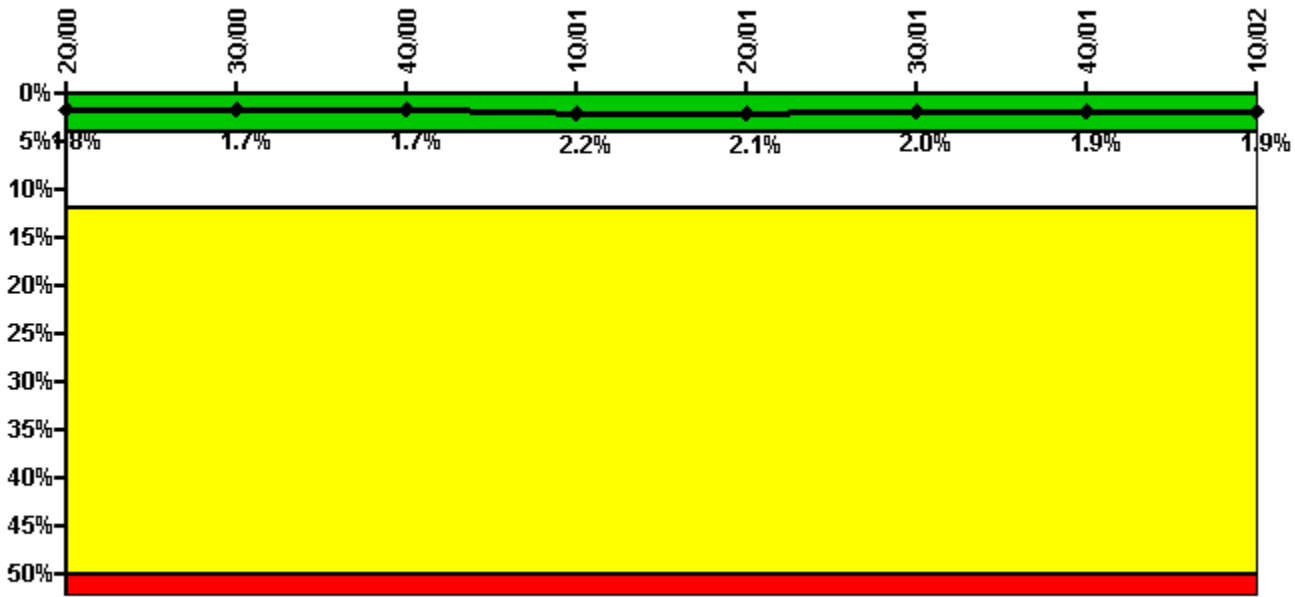
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

#### Notes

Safety System Unavailability, Emergency AC Power, >2EDG	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
<b>Train 1</b>								
Planned unavailable hours	16.51	13.62	11.79	17.62	102.32	6.24	5.94	16.53
Unplanned unavailable hours	0	0	0	295.65	0.51	0	0	28.83
Fault exposure hours	0	0	0	358.78	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
<b>Train 2</b>								
Planned unavailable hours	19.03	10.31	14.99	10.66	83.41	7.50	5.26	5.78
Unplanned unavailable hours	0	0	0	48.50	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	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
<b>Train 3</b>								
Planned unavailable hours	34.68	13.62	11.79	25.07	10.29	5.72	5.80	12.12
Unplanned unavailable hours	0	0	0	1.05	0.51	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	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
<b>Train 4</b>								
Planned unavailable hours	25.56	10.31	14.99	14.09	21.36	7.26	5.23	5.36
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	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
<b>Indicator value</b>	<b>1.7%</b>	<b>1.6%</b>	<b>1.6%</b>	<b>1.9%</b>	<b>2.1%</b>	<b>2.1%</b>	<b>2.0%</b>	<b>1.7%</b>

Licensee Comments: none

### Safety System Unavailability, High Pressure Injection System (HPCI)



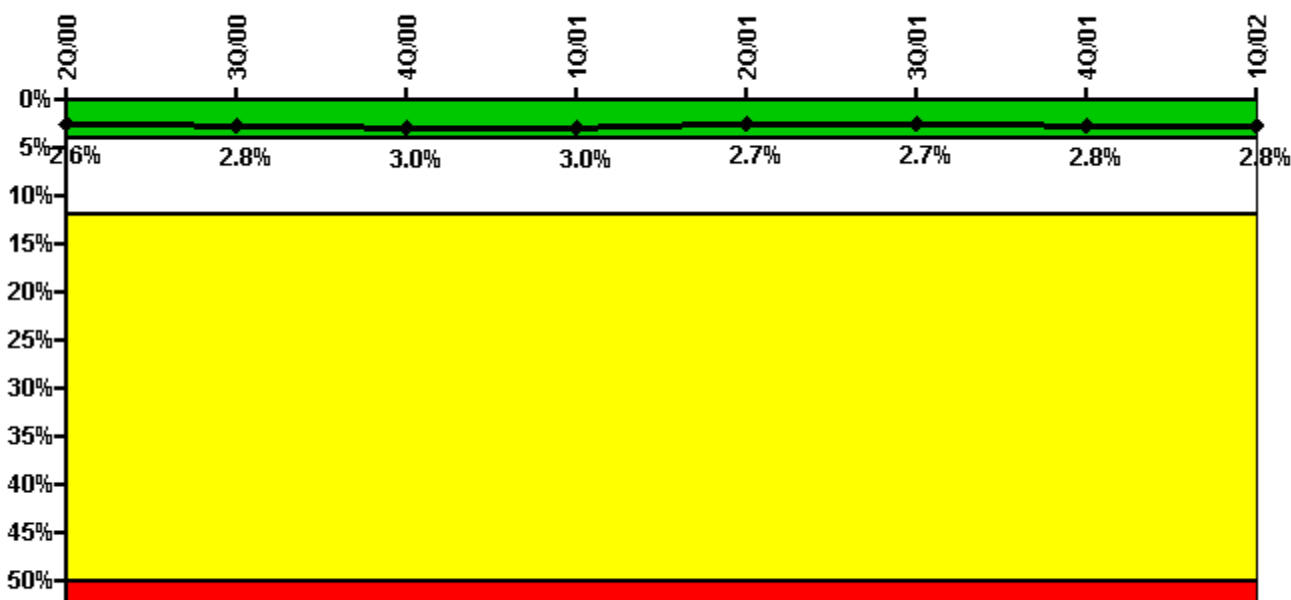
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

#### Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	42.10	0	3.50	54.40	0.60	0.95	0.98	1.39
Unplanned unavailable hours	0	0	15.95	52.76	0.25	0	0	0
Fault exposure hours	0	0	69.60	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2090.53	2151.52	1322.58	2062.13	2183.00	2208.00	2209.00	2160.00
Indicator value	1.8%	1.7%	1.7%	2.2%	2.1%	2.0%	1.9%	1.9%

Licensee Comments: none

### Safety System Unavailability, Heat Removal System (RCIC)



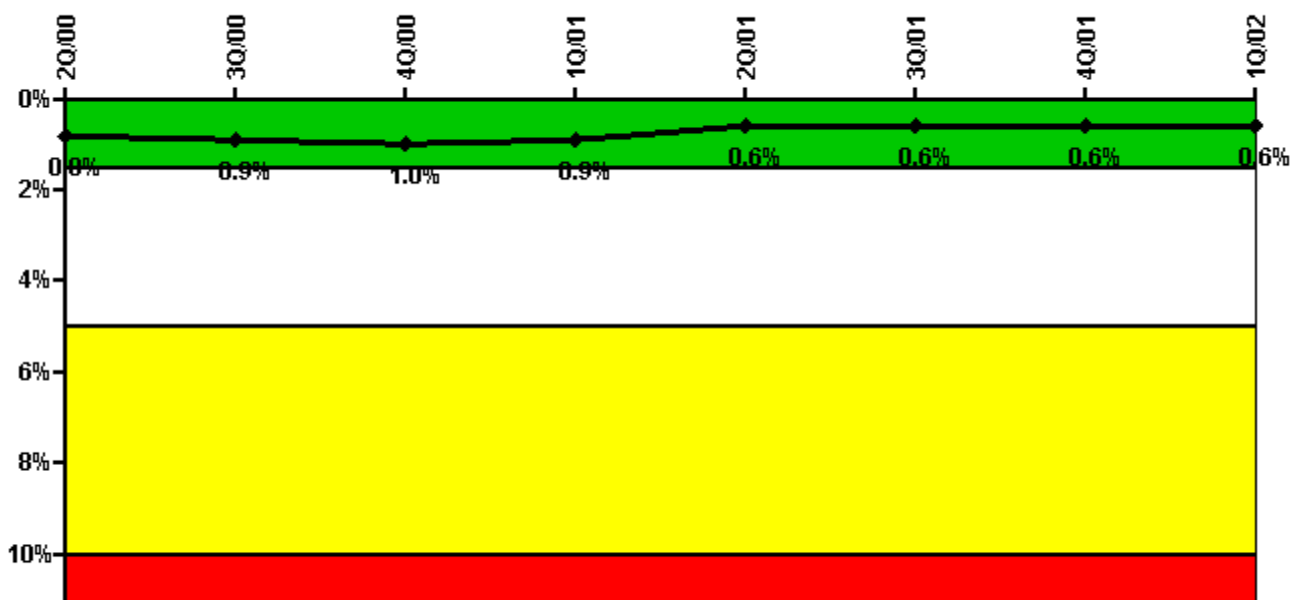
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

#### Notes

Safety System Unavailability, Heat Removal System (RCIC)	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
<b>Train 1</b>								
Planned unavailable hours	29.25	20.42	15.99	7.86	6.58	6.00	56.90	1.40
Unplanned unavailable hours	47.60	32.20	0	0	0	0	17.83	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	2090.53	2151.60	1322.58	2062.13	2183.00	2208.00	2209.00	2160.00
Indicator value	2.6%	2.8%	3.0%	3.0%	2.7%	2.7%	2.8%	2.8%

Licensee Comments: none

### Safety System Unavailability, Residual Heat Removal System



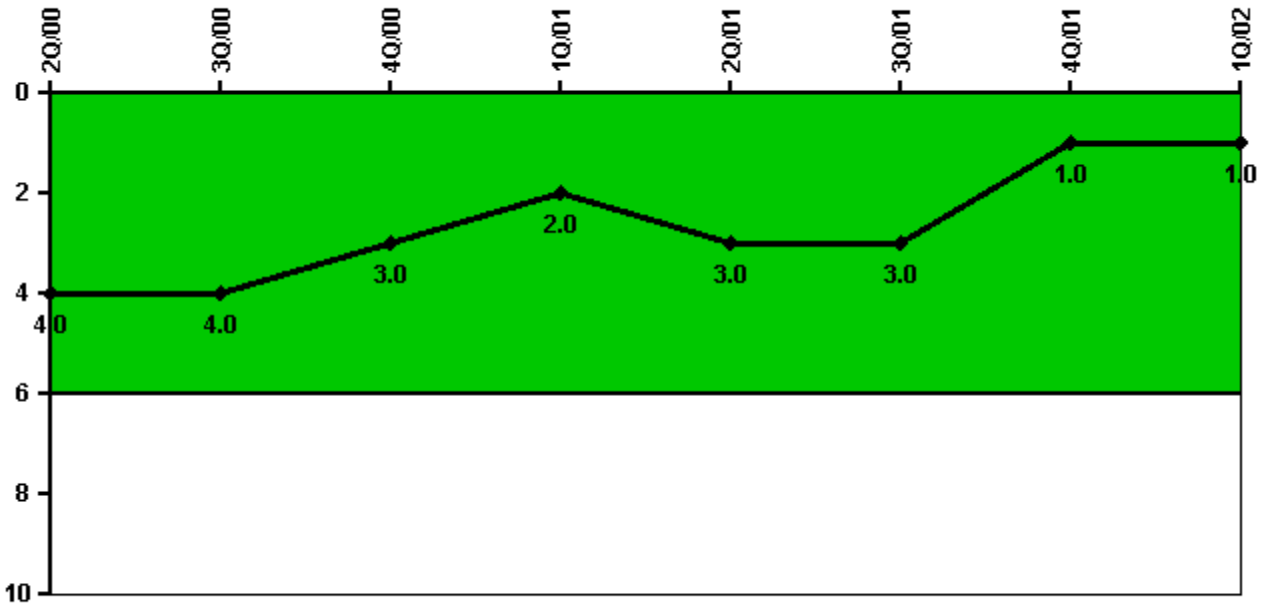
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

#### Notes

Safety System Unavailability, Residual Heat Removal System	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
<b>Train 1</b>								
Planned unavailable hours	2.80	97.20	0	0	2.40	0	0	1.33
Unplanned unavailable hours	23.20	0	3.20	37.50	0	0	0	21.00
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	1469.00	2160.00	2183.00	2208.00	2209.00	2160.00
<b>Train 2</b>								
Planned unavailable hours	0	0	0	0	0	0	15.80	0
Unplanned unavailable hours	0	0	0	19.70	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	2183.00	2208.00	1469.00	2160.00	2183.00	2208.00	2209.00	2160.00
Indicator value	0.8%	0.9%	1.0%	0.9%	0.6%	0.6%	0.6%	0.6%

Licensee Comments: none

### Safety System Functional Failures (BWR)



Thresholds: White > 6.0

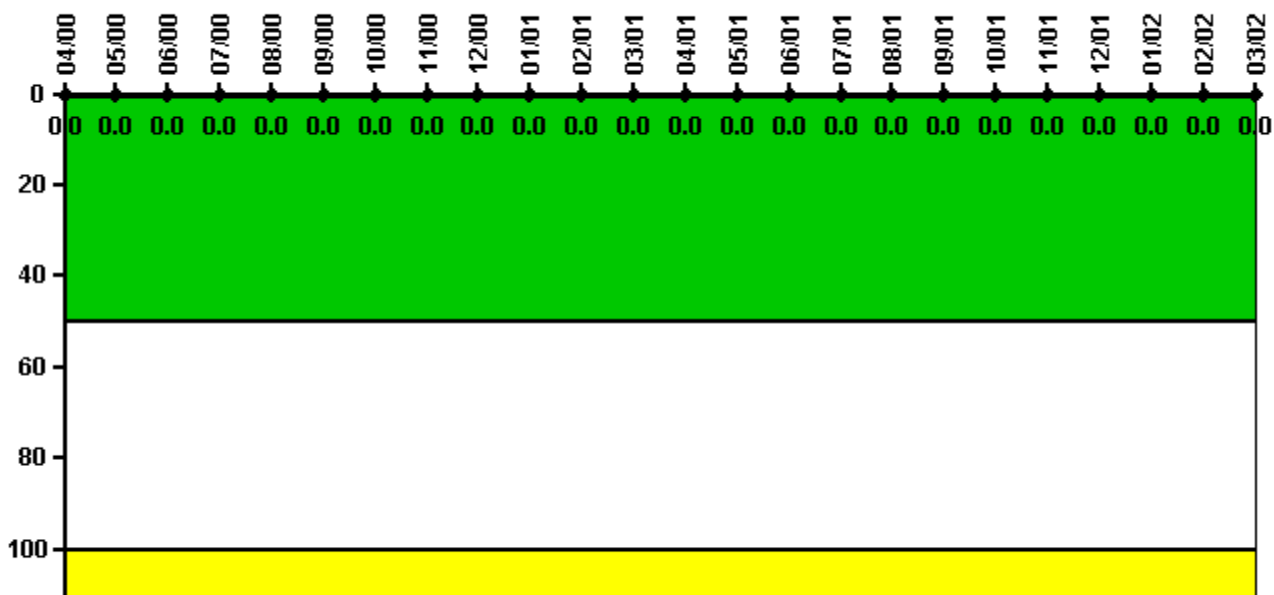
#### Notes

Safety System Functional Failures (BWR)	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Safety System Functional Failures	0	0	2	0	1	0	0	0
Indicator value	4	4	3	2	3	3	1	1

Licensee Comments: none



### Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

#### Notes

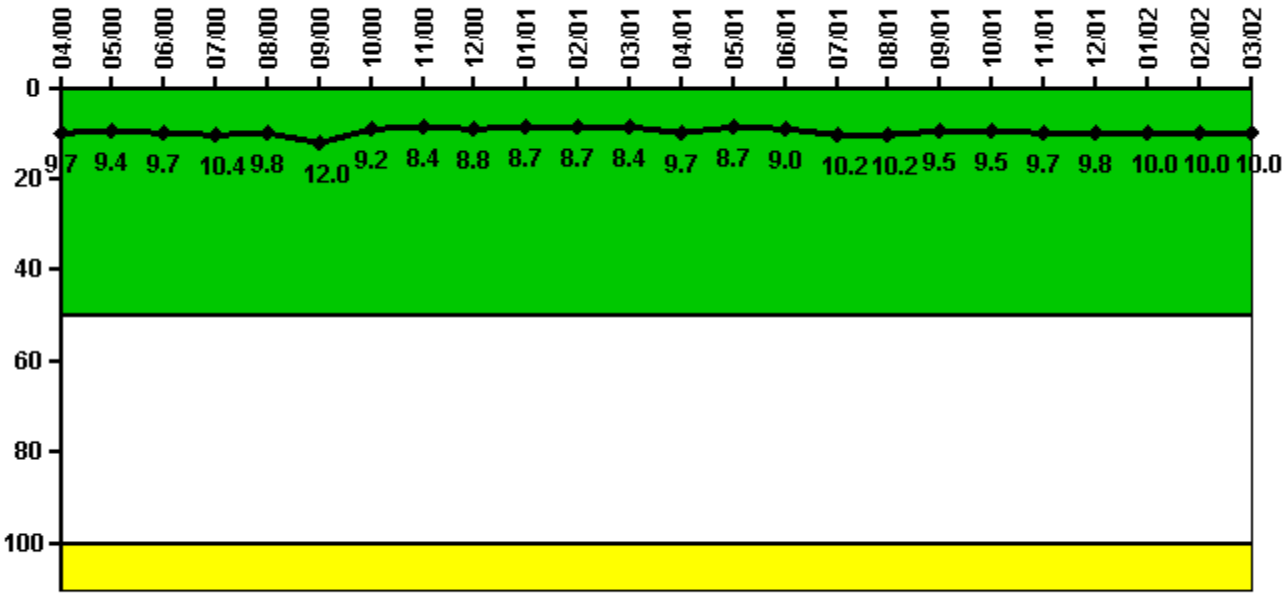
Reactor Coolant System Activity	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00	1/01	2/01	3/01
Maximum activity	0.000024	0.000018	0.000012	0.000012	0.000019	0.000050	0.000050	0.000007	0.000012	0.000009	0.000008	0.000012
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02
Maximum activity	0.000023	0.000011	0.000007	0.000009	0.000009	0.000064	0.000007	0.000009	0.000011	0.000010	0.000006	0.000007
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	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

### Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

#### Notes

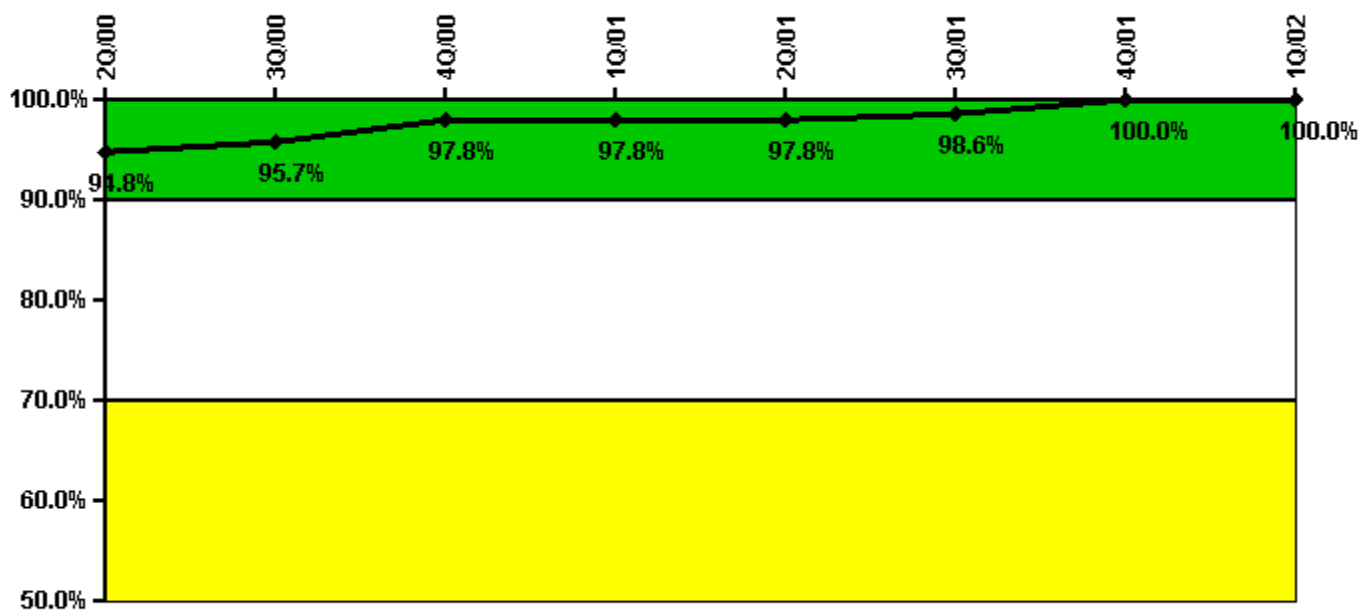
Reactor Coolant System Leakage	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00	1/01	2/01	3/01
Maximum leakage	2.420	2.340	2.420	2.590	2.460	3.010	2.290	2.090	2.210	2.170	2.170	2.090
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	9.7	9.4	9.7	10.4	9.8	12.0	9.2	8.4	8.8	8.7	8.7	8.4

Reactor Coolant System Leakage	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02
Maximum leakage	2.420	2.170	2.250	2.540	2.540	2.370	2.370	2.420	2.460	2.500	2.500	2.510
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	9.7	8.7	9.0	10.2	10.2	9.5	9.5	9.7	9.8	10.0	10.0	10.0

Licensee Comments: none

### Drill/Exercise Performance



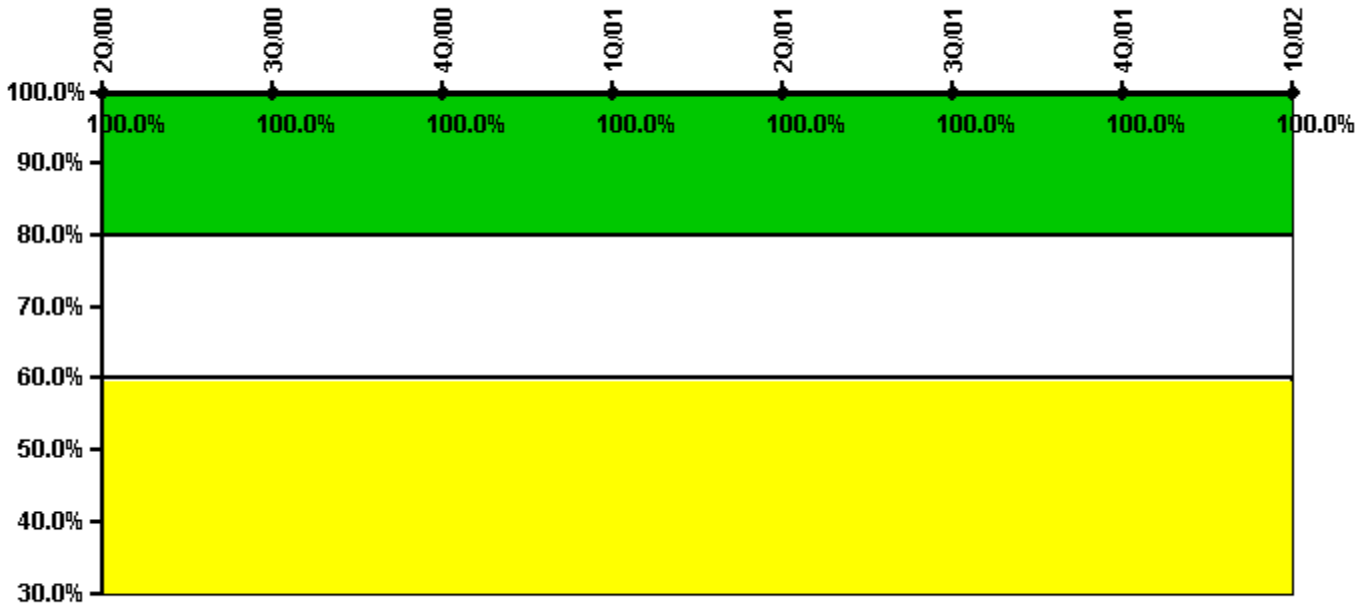
Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

Drill/Exercise Performance	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Successful opportunities	6.0	6.0	8.0	10.0	2.0	10.0	6.0	4.0
Total opportunities	6.0	6.0	8.0	10.0	2.0	10.0	6.0	4.0
Indicator value	94.8%	95.7%	97.8%	97.8%	97.8%	98.6%	100.0%	100.0%

Licensee Comments: none

### ERO Drill Participation



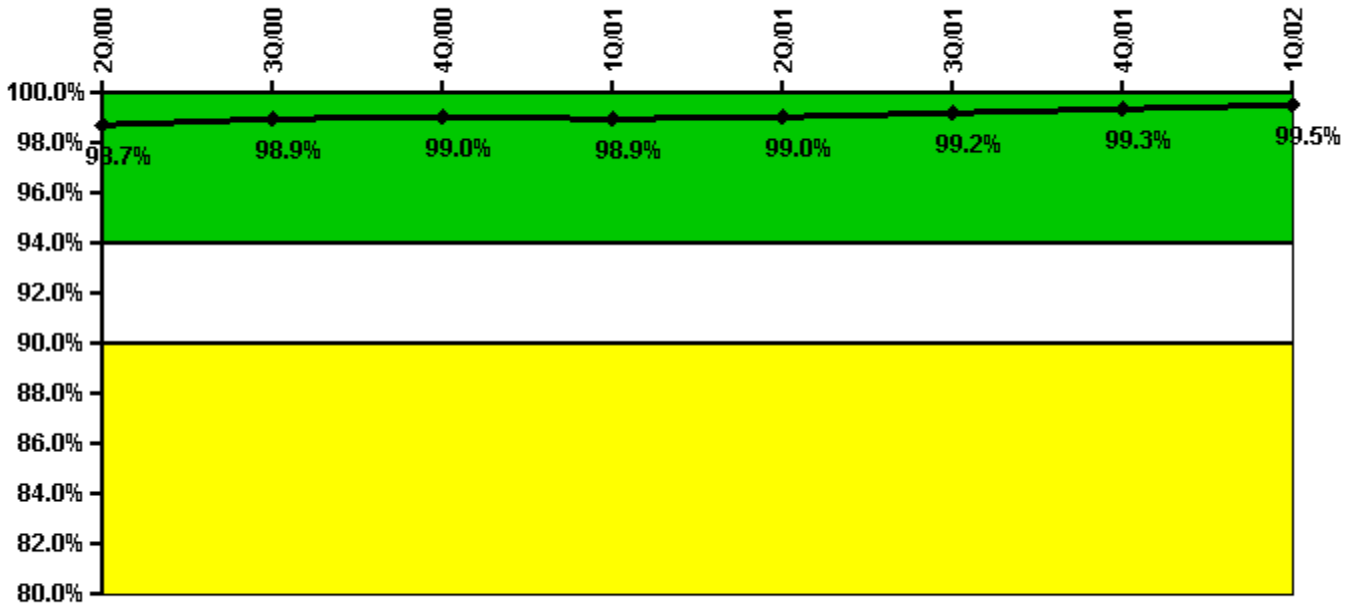
Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

ERO Drill Participation	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Participating Key personnel	53.0	51.0	49.0	49.0	49.0	46.0	48.0	48.0
Total Key personnel	53.0	51.0	49.0	49.0	49.0	46.0	48.0	48.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

### Alert & Notification System



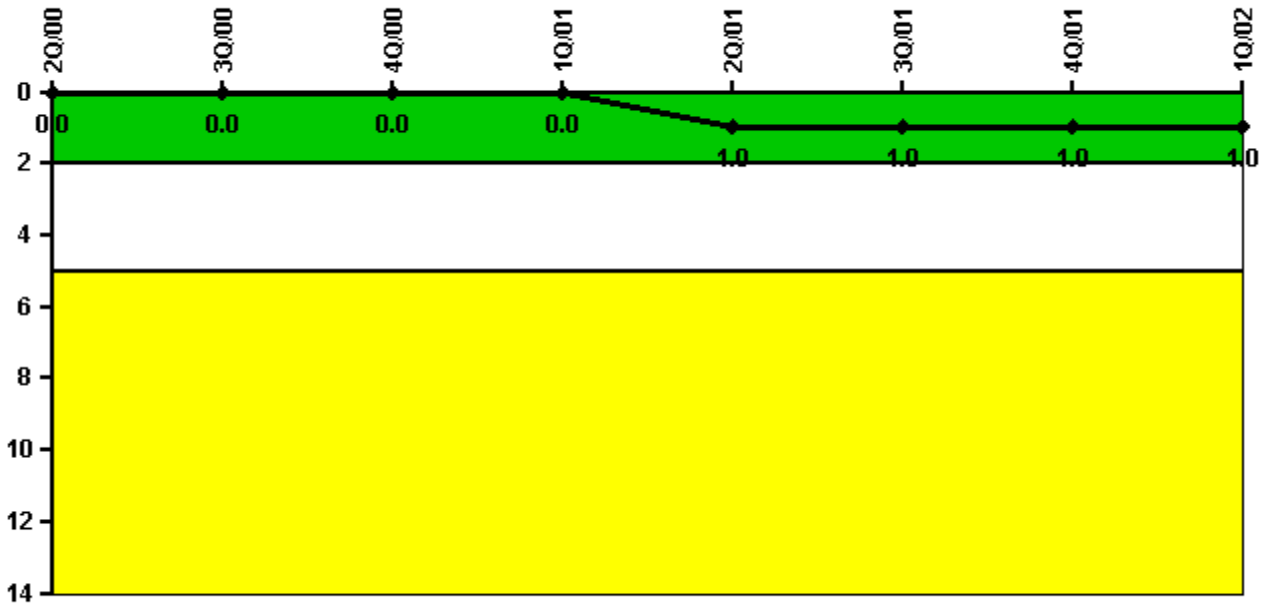
Thresholds: White < 94.0% Yellow < 90.0%

#### Notes

Alert & Notification System	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Successful siren-tests	731	622	771	621	660	516	555	515
Total sirens-tests	740	629	777	629	666	518	555	518
Indicator value	98.7%	98.9%	99.0%	98.9%	99.0%	99.2%	99.3%	99.5%

Licensee Comments: none

### Occupational Exposure Control Effectiveness



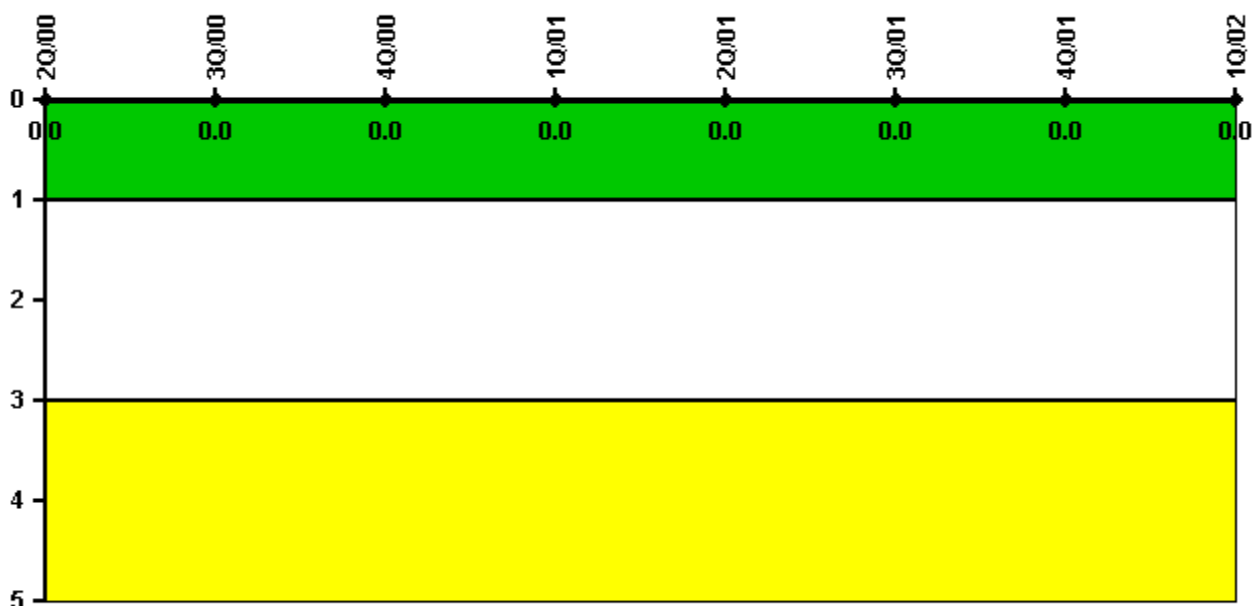
Thresholds: White > 2.0 Yellow > 5.0

#### Notes

Occupational Exposure Control Effectiveness	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
High radiation area occurrences	0	0	0	0	1	0	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	1	1	1	1

Licensee Comments: none

### RETS/ODCM Radiological Effluent



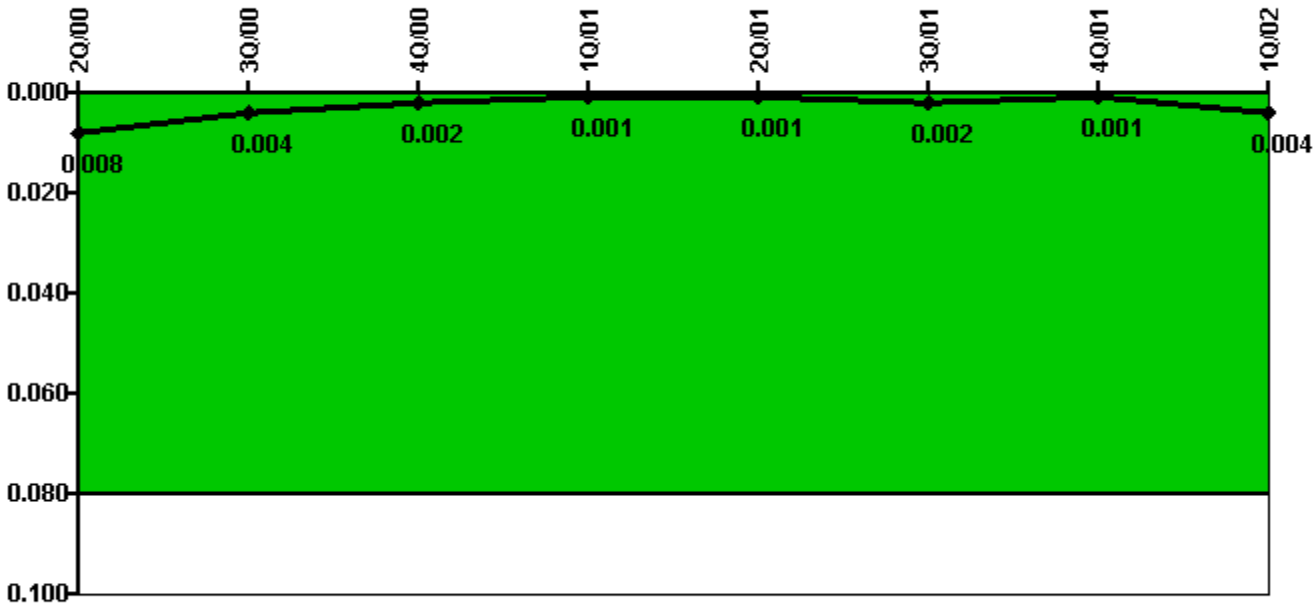
Thresholds: White > 1.0 Yellow > 3.0

#### Notes

RETS/ODCM Radiological Effluent	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
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

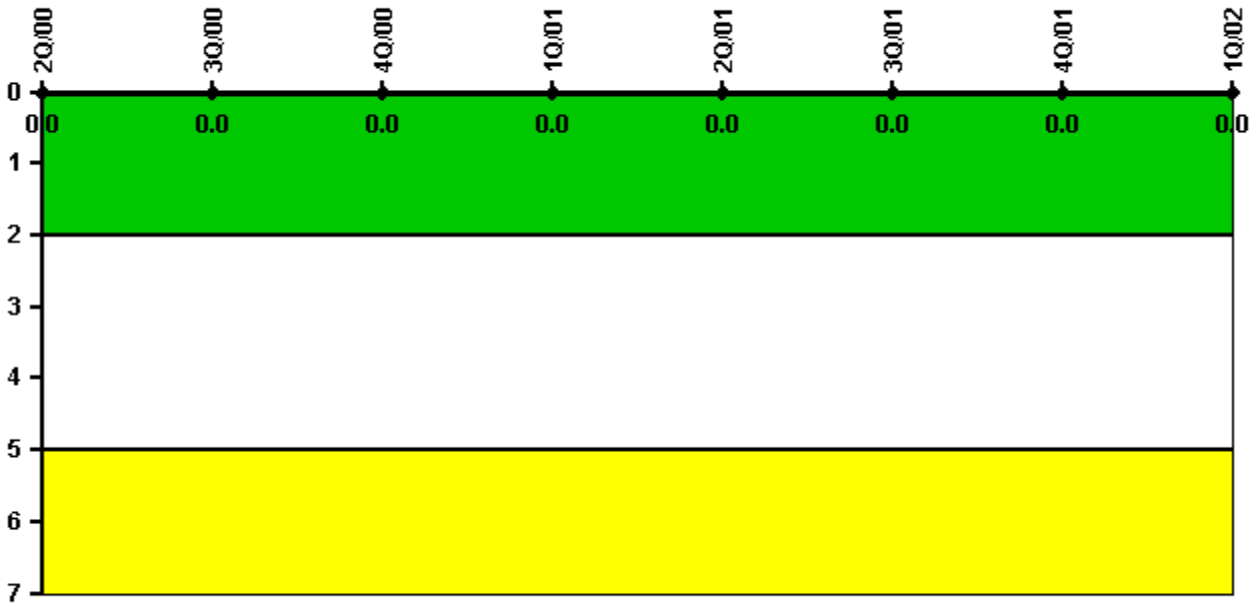
#### Notes

Protected Area Security Performance Index	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
IDS compensatory hours	0	3.93	3.70	28.70	0	5.90	0	81.70
CCTV compensatory hours	0	1.0	0	0	0	2.0	0	5.5
IDS normalization factor	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
CCTV normalization factor	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
Index Value	0.008	0.004	0.002	0.001	0.001	0.002	0.001	0.004

Licensee Comments: none



### Personnel Screening Program



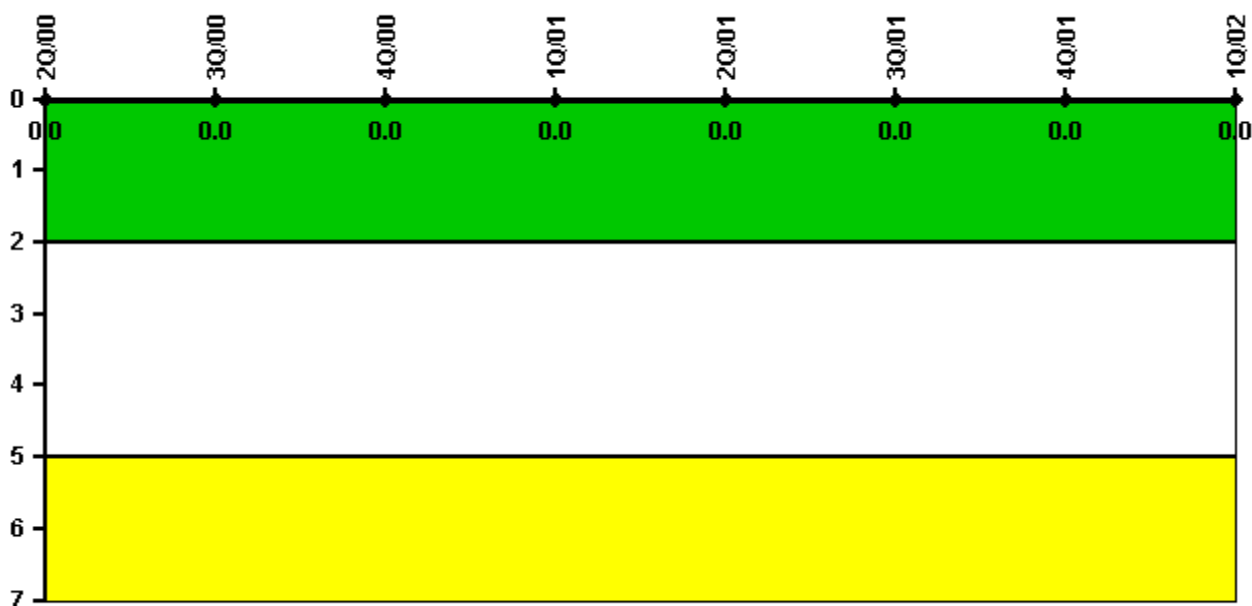
Thresholds: White > 2.0 Yellow > 5.0

#### Notes

Personnel Screening Program	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
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	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
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](#) | [Reactor Oversight Process](#)

Last Modified: May 1, 2002