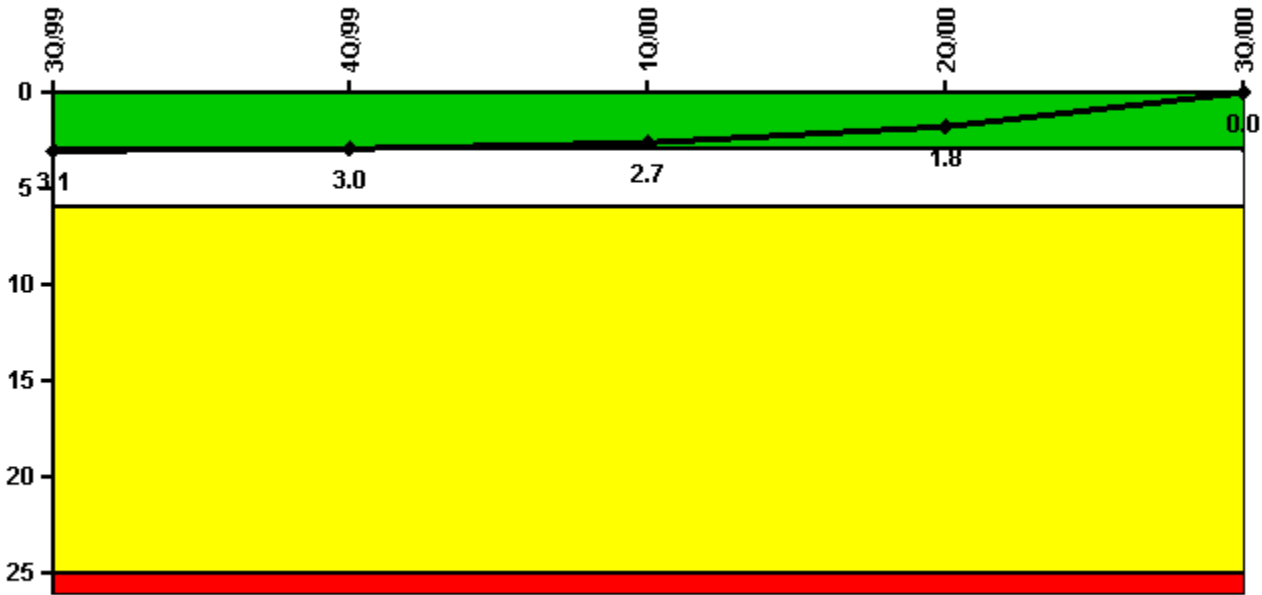


### Waterford 3

#### 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	2.0	0	0	0	0
Critical hours	1565.0	2080.9	2149.4	2029.6	2208.0
<b>Indicator value</b>	<b>3.1</b>	<b>3.0</b>	<b>2.7</b>	<b>1.8</b>	<b>0</b>

Licensee Comments: none

### Scrams with Loss of Normal Heat Removal



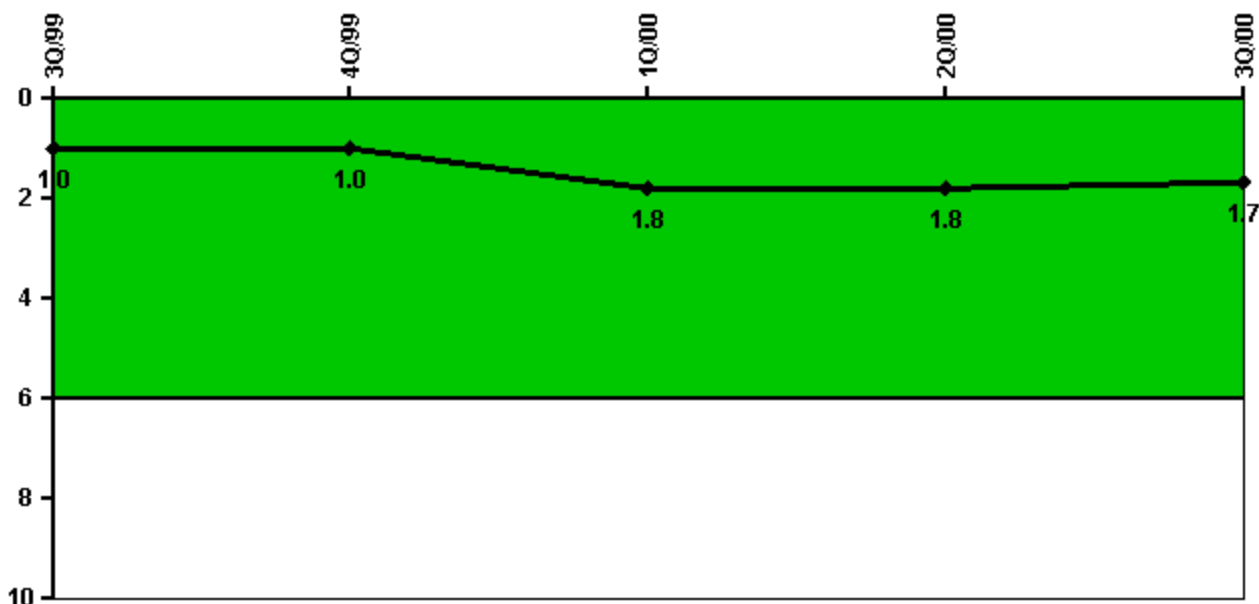
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

#### 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



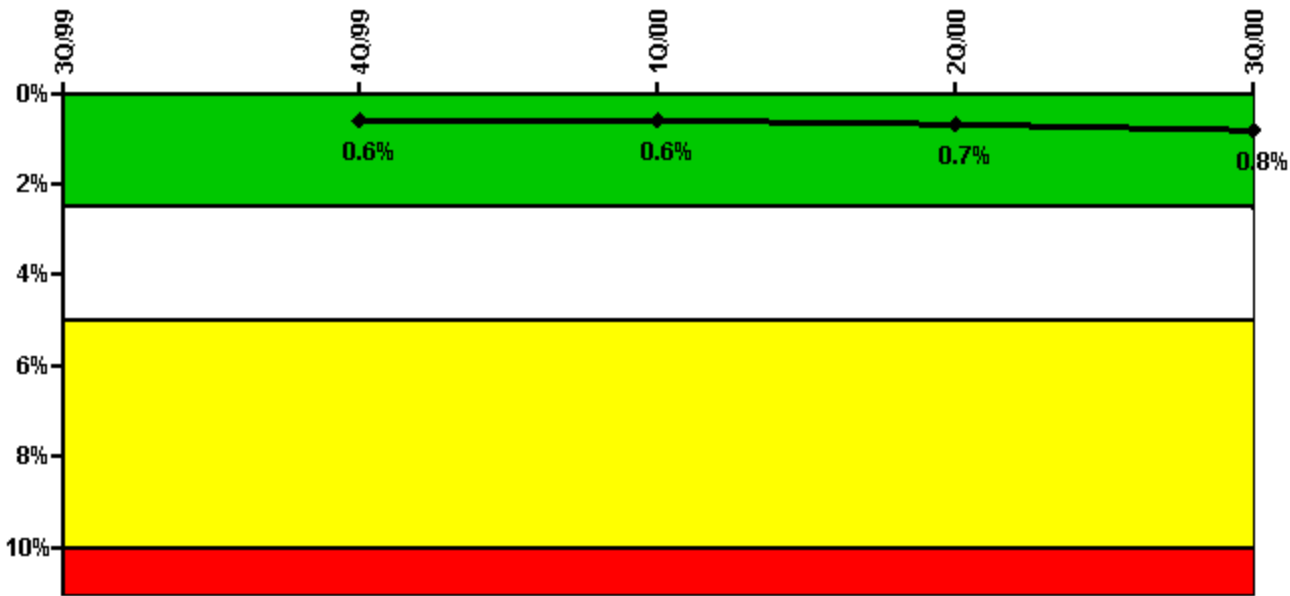
Thresholds: White > 6.0

#### 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	1565.0	2080.9	2149.4	2029.6	2208.0
<b>Indicator value</b>	<b>1.0</b>	<b>1.0</b>	<b>1.8</b>	<b>1.8</b>	<b>1.7</b>

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
<b>Train 1</b>					
Planned unavailable hours	17.90	18.92	16.30	13.45	3.88
Unplanned unavailable hours	0	0	59.64	0.63	21.55
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
<b>Train 2</b>					
Planned unavailable hours	21.00	37.12	19.42	4.11	2.52
Unplanned unavailable hours	16.58	7.65	0	4.52	9.22
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
<b>Indicator value</b>		<b>0.6%</b>	<b>0.6%</b>	<b>0.7%</b>	<b>0.8%</b>

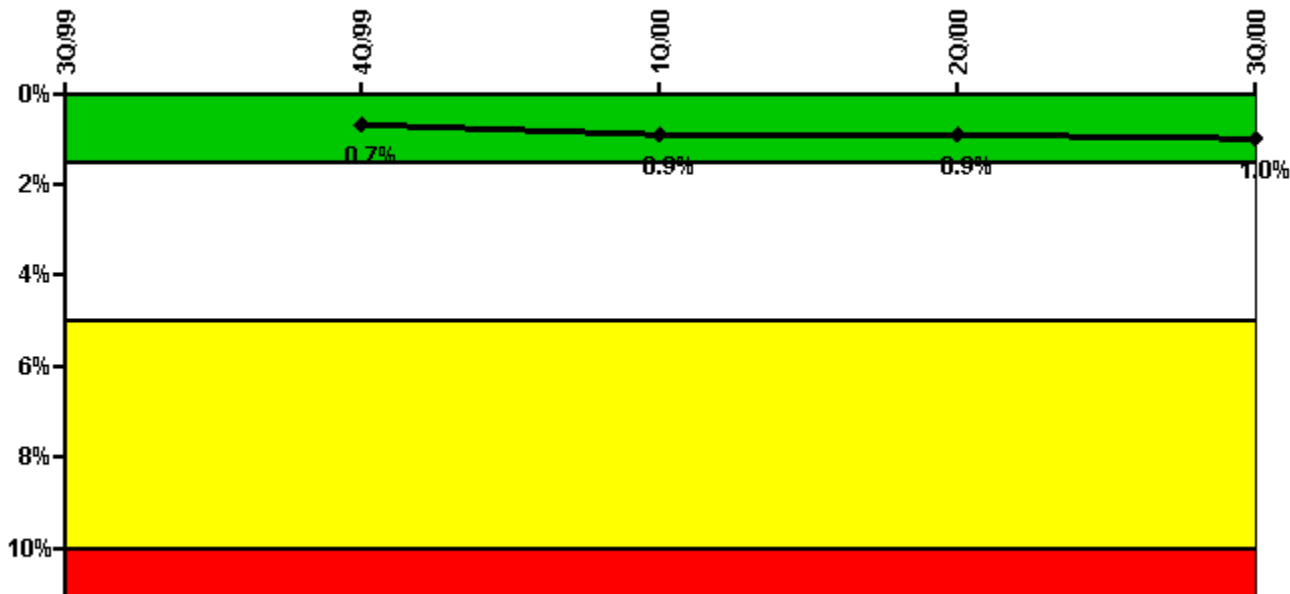
#### Licensee Comments:

3Q/00: An internal assessment identified changes needed in the 1st and 2nd quarter 2000 data. The changes are minor in magnitude and there will be no change in color of this PI for the 1st, 2nd, or 3rd quarter of 2000 as a result of the data differences. Because the assessment occurred late in the 3rd quarter, there was not sufficient time to properly verify the necessary changes. Therefore, changes to the 1st and 2nd quarter data will be submitted with the next quarterly submittal.

2Q/00: In the 4th quarter 2000 submittal, changes were made in the hours reported for the 2nd quarter 2000 due to data generation errors discovered during an internal assessment. The revised data does not change the PI color.

1Q/00: The Majority of unavailability reported in the 1st Quarter 2000 was due to the cascading of support sytem unavailability. In the 4th quarter 2000 submittal, changes were made in the hours reported for the 1st quarter 2000 due to data generation errors discovered during an internal assessment. The revised data does not change the PI color.

### 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
<b>Train 1</b>					
Planned unavailable hours	0	81.92	21.42	13.45	18.43
Unplanned unavailable hours	0	0	59.64	0.63	21.55
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1644.75	2209.00	2149.40	2029.60	2208.00
<b>Train 2</b>					
Planned unavailable hours	21.00	46.38	19.69	48.63	2.33
Unplanned unavailable hours	17.91	7.65	0	0	9.22
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1644.75	2209.00	2149.40	2029.60	2208.00
<b>Indicator value</b>		<b>0.7%</b>	<b>0.9%</b>	<b>0.9%</b>	<b>1.0%</b>

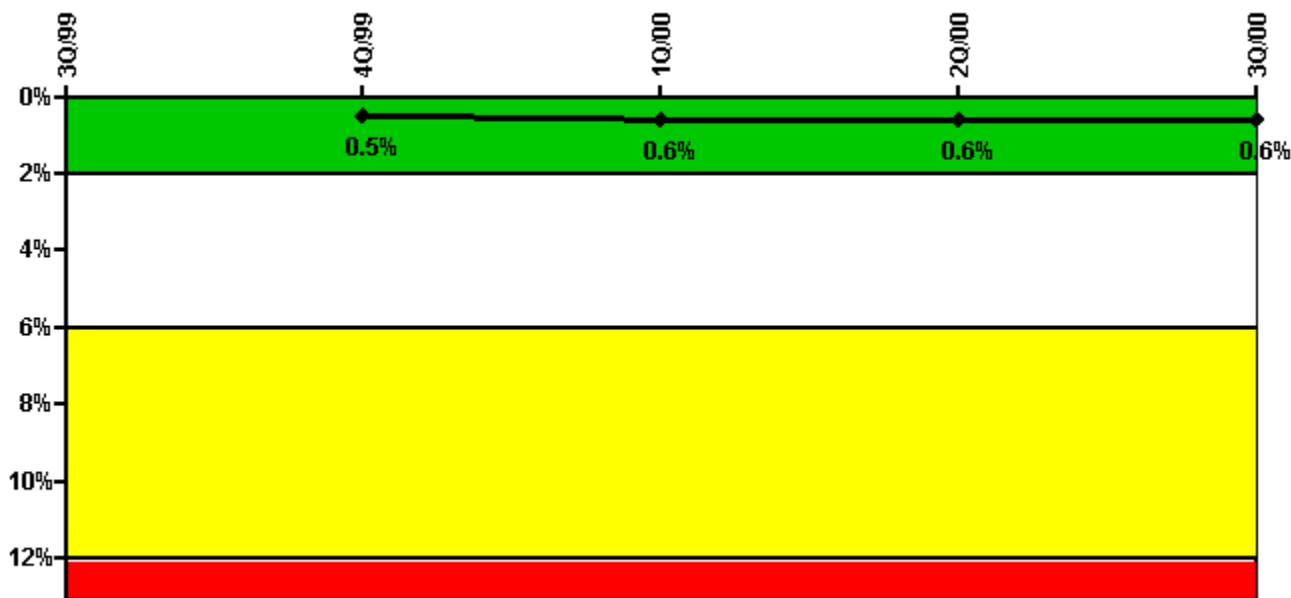
#### Licensee Comments:

3Q/00: An internal assessment identified changes needed in the 1st and 2nd quarter 2000 data. The changes are minor in magnitude and there will be no change in color of this PI for the 1st, 2nd, or 3rd quarter of 2000 as a result of the data differences. Because the assessment occurred late in the 3rd quarter, there was not sufficient time to properly verify the necessary changes. Therefore, changes to the 1st and 2nd quarter data will be submitted with the next quarterly submittal.

2Q/00: In the 4th quarter 2000 submittal, changes were made in the hours reported for the 2nd quarter 2000 due to data generation errors discovered during an internal assessment. The revised data does not change the PI color.

1Q/00: The majority of unavailability reported in the 1st Quarter 2000 was due to the cascading of support sytem unavailability. In the 4th quarter 2000 submittal, changes were made in the hours reported for the 1st quarter 2000 due to data generation errors discovered during an internal assessment. The revised data does not change the PI color.

### 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
<b>Train 1</b>					
Planned unavailable hours	0	18.92	36.00	13.45	3.88
Unplanned unavailable hours	0	0	59.64	0.63	21.55
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1644.75	2209.00	2166.30	2053.80	2208.00
<b>Train 2</b>					
Planned unavailable hours	21.00	28.90	19.42	12.58	0
Unplanned unavailable hours	16.58	7.65	0	0	9.22
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1644.75	2209.00	2166.30	2053.80	2208.00
<b>Train 3</b>					
Planned unavailable hours	0	0	0	0	0.22
Unplanned unavailable hours	5.75	6.15	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1644.75	2209.00	2166.30	2053.80	2208.00

Indicator value		0.5%	0.6%	0.6%	0.6%
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Licensee Comments:

3Q/00: An internal assessment identified changes needed in the 1st and 2nd quarter 2000 data. The changes are minor in magnitude and there will be no change in color of this PI for the 1st, 2nd, or 3rd quarter of 2000 as a result of the data differences. Because the assessment occurred late in the 3rd quarter, there was not sufficient time to properly verify the necessary changes. Therefore, changes to the 1st and 2nd quarter data will be submitted with the next quarterly submittal.

2Q/00: In the 4th quarter 2000 submittal, changes were made in the hours reported for the 2nd quarter 2000 due to data generation errors discovered during an internal assessment. The revised data does not change the PI color.

1Q/00: The majority of unavailability reported in the 1st Quarter 2000 was due to the cascading of support sytem unavailability. In the 4th quarter 2000 submittal, changes were made in the hours reported for the 1st quarter 2000 due to data generation errors discovered during an internal assessment. The revised data does not change the PI color.

### 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
<b>Train 1</b>					
Planned unavailable hours	26.63	54.82	16.30	14.68	18.91
Unplanned unavailable hours	0	0	59.64	0.63	21.85
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2053.80	2208.00
<b>Train 2</b>					
Planned unavailable hours	21.00	43.15	33.98	5.18	0.92

Unplanned unavailable hours	16.58	7.65	0	0	9.22
Fault exposure hours	0	9.25	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2053.80	2208.00
<b>Train 3</b>					
Planned unavailable hours	26.63	54.82	16.30	0	0
Unplanned unavailable hours	0	0	59.64	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	129.20	0
<b>Train 4</b>					
Planned unavailable hours	21.00	43.15	33.98	0	0
Unplanned unavailable hours	16.58	7.65	0	0	0
Fault exposure hours	0	9.25	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	129.20	0
<b>Indicator value</b>		<b>0.7%</b>	<b>0.8%</b>	<b>0.8%</b>	<b>0.9%</b>

Licensee Comments:

3Q/00: An internal assessment identified changes needed in the 1st and 2nd quarter 2000 data. The changes are minor in magnitude and there will be no change in color of this PI for the 1st, 2nd, or 3rd quarter of 2000 as a result of the data differences. Because the assessment occurred late in the 3rd quarter, there was not sufficient time to properly verify the necessary changes. Therefore, changes to the 1st and 2nd quarter data will be submitted with the next quarterly submittal.

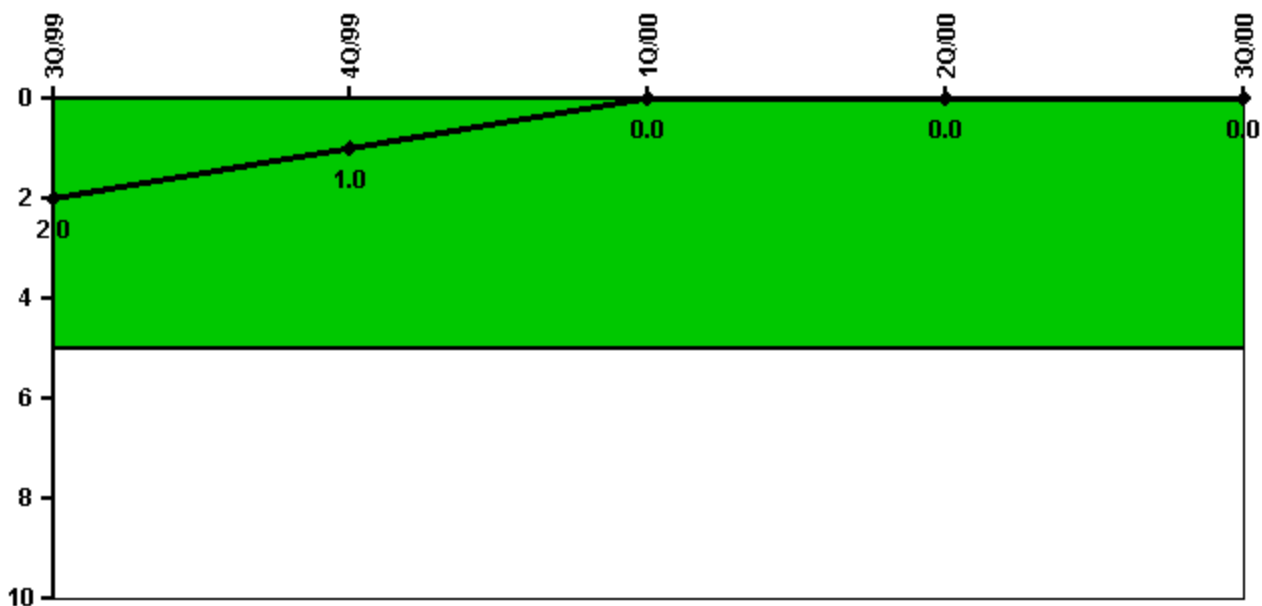
2Q/00: Per FAQ 172, Waterford 3 has revised the number of RHR trains being reported from 2 trains to 4 trains. A change report has been submitted that maintains train 1 and 2 historical data as is and repeated train 1 and 2 data in trains 3 and 4. Data for the 2nd quarter of 2000 was calculated for each of the four trains. Note also that unavailability hours in the 4th quarter 1999 were reduced because a re-examination of the data determined that unavailable hours had been erroneously counted when the Shutdown Cooling function was not required in Modes 1-3. This did not result in a color change. In the 4th quarter 2000 submittal, changes were made in the hours reported for the 2nd quarter 2000 due to data generation errors discovered during an internal assessment. The revised data does not change the PI color.

1Q/00: The majority of unavailability reported in the 1st Quarter 2000 was due to the cascading of support sytem unavailability. In the 4th quarter 2000 submittal, changes were made in the hours reported for the 1st quarter 2000 due to data generation errors discovered during an internal assessment. The revised data does not change the PI color.





### Safety System Functional Failures (PWR)



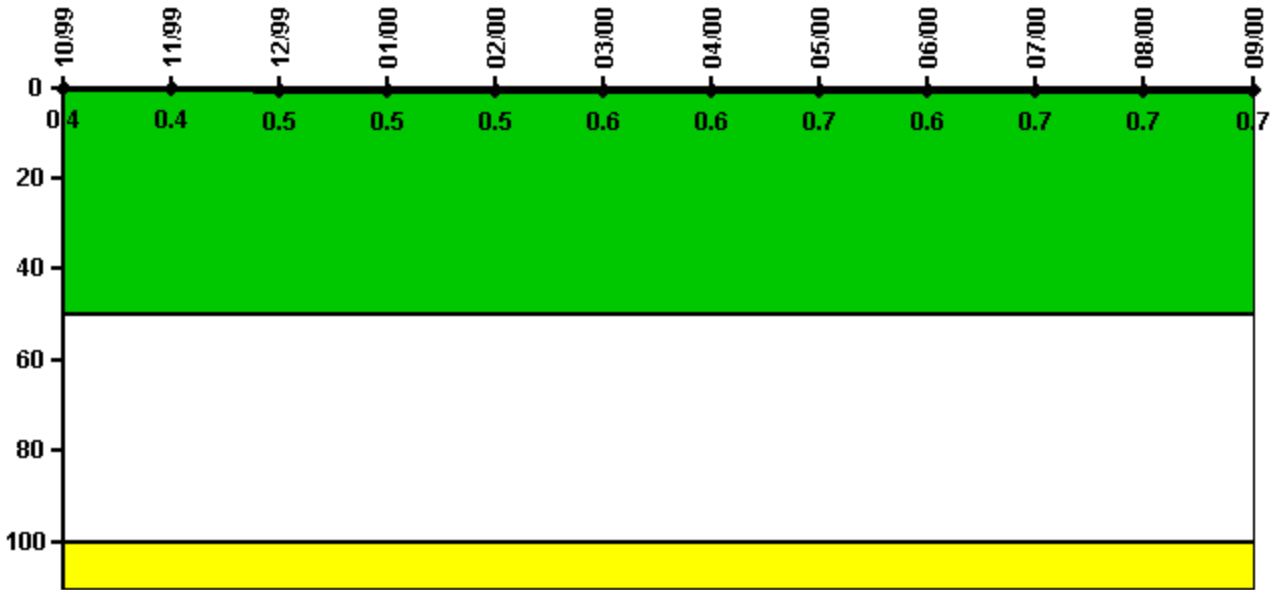
Thresholds: White > 5.0

#### 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	1	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	0.004230	0.004420	0.004610	0.005010	0.005360	0.005890	0.005910	0.007120	0.006470	0.007090	0.006960	0.006990
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	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.7	0.6	0.7	0.7	0.7

Licensee Comments: none

### Reactor Coolant System Leakage



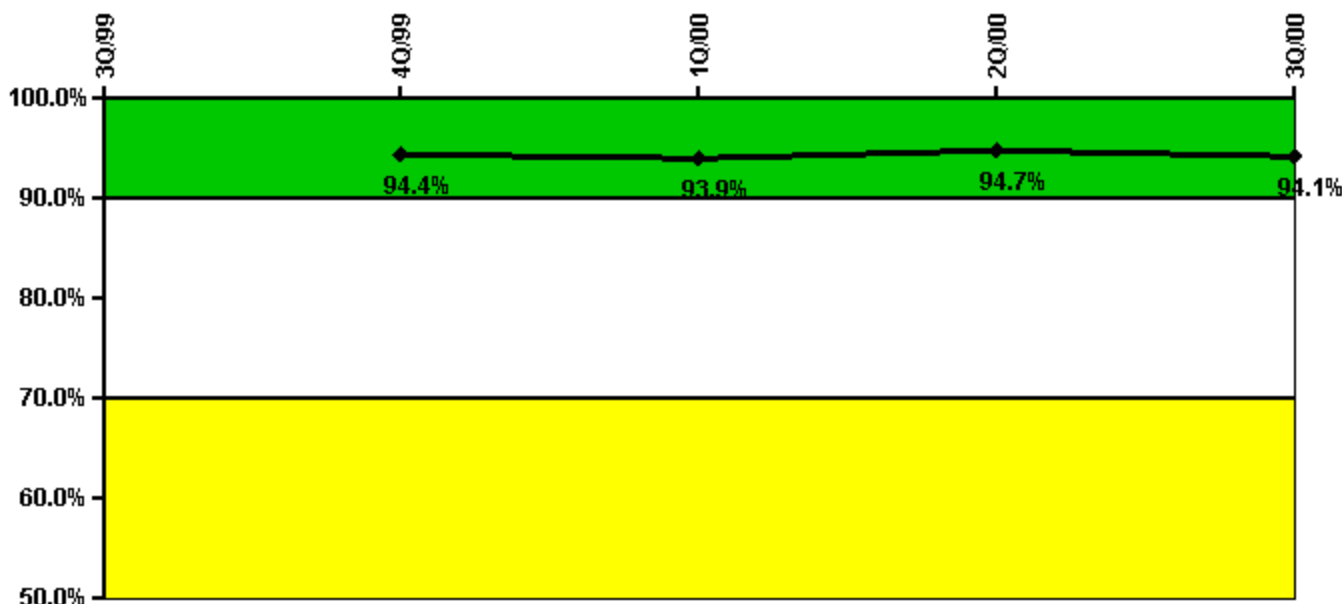
Thresholds: White > 50.0 Yellow > 100.0

#### 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	0.122	0.557	0.233	0.308	0.381	0.420	0.014	0.020	0.028	0.027	0.014	0.014
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	1.2	5.6	2.3	3.1	3.8	4.2	0.1	0.2	0.3	0.3	0.1	0.1

Licensee Comments: none

### Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

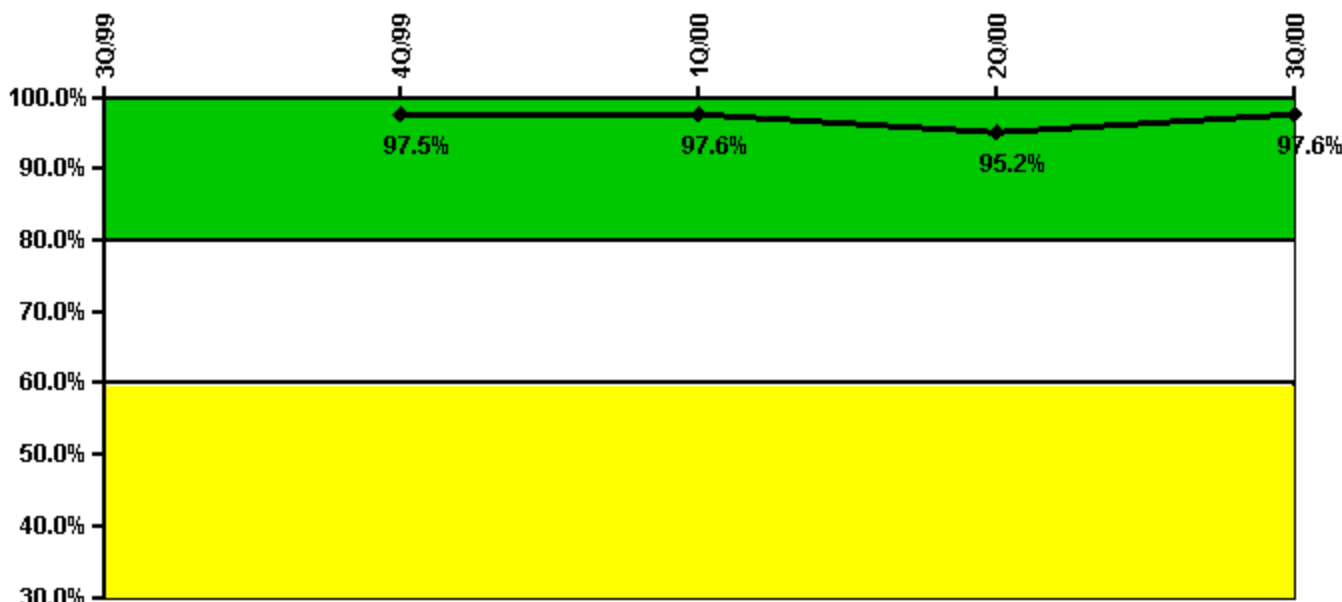
#### Notes

Drill/Exercise Performance	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Successful opportunities	60.0	43.0	51.0	62.0	46.0
Total opportunities	68.0	44.0	54.0	64.0	50.0
<b>Indicator value</b>		<b>94.4%</b>	<b>93.9%</b>	<b>94.7%</b>	<b>94.1%</b>

Licensee Comments:

3Q/00: This quarter's data is revised to 46 of 50 event opportunities performed timely and accurately from the 47 of 50 originally reported. This adjustment is made as a result of applying current procedural guidance for determining timely and accurate performance. This adjustment does not affect PI color.

### ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

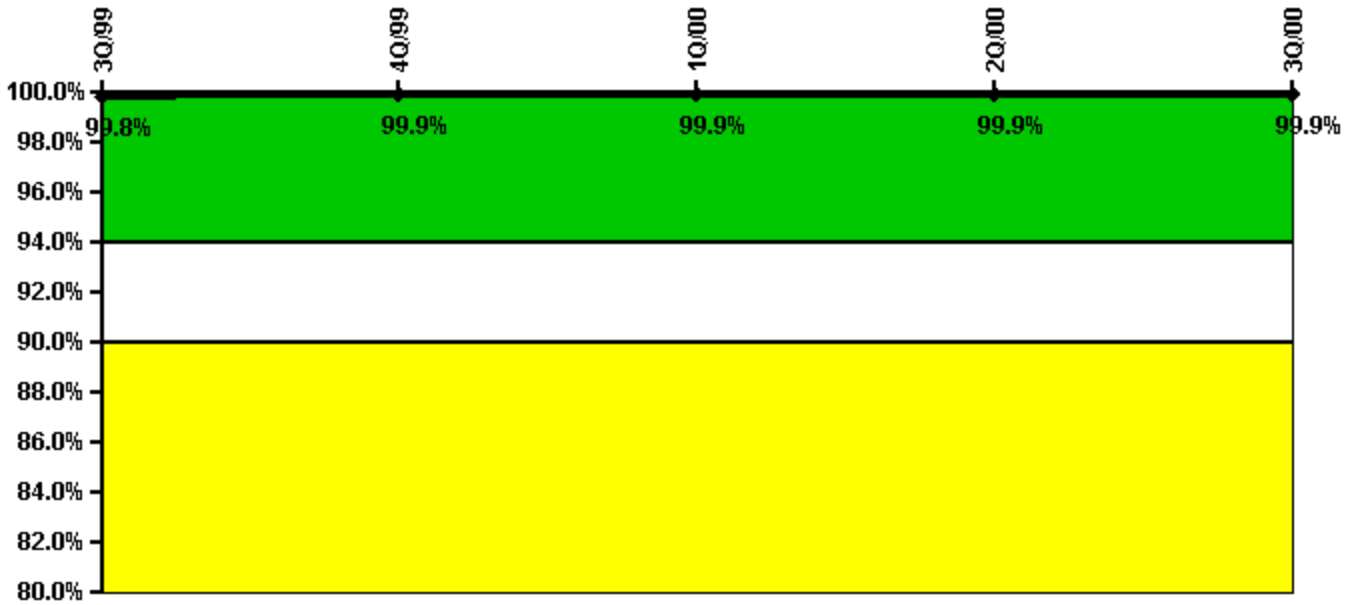
ERO Drill Participation	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Participating Key personnel		78.0	120.0	118.0	121.0
Total Key personnel		80.0	123.0	124.0	124.0
Indicator value		97.5%	97.6%	95.2%	97.6%

#### Licensee Comments:

3Q/00: This quarter's data is revised to 121 of 124 key ERO members that have participated in a qualifying activity from the 122 of 124 originally reported. This adjustment is made as a result of applying revised screening criteria for determining when to give credit for drill participation. This adjustment does not affect PI color.

2Q/00: This quarter's data is revised to 118 of 124 key ERO members that have participated in a qualifying activity from the 120 of 124 originally reported. This adjustment is made as a result of applying revised screening criteria for determining when to give credit for drill participation. This adjustment does not affect PI color.

### Alert & Notification System



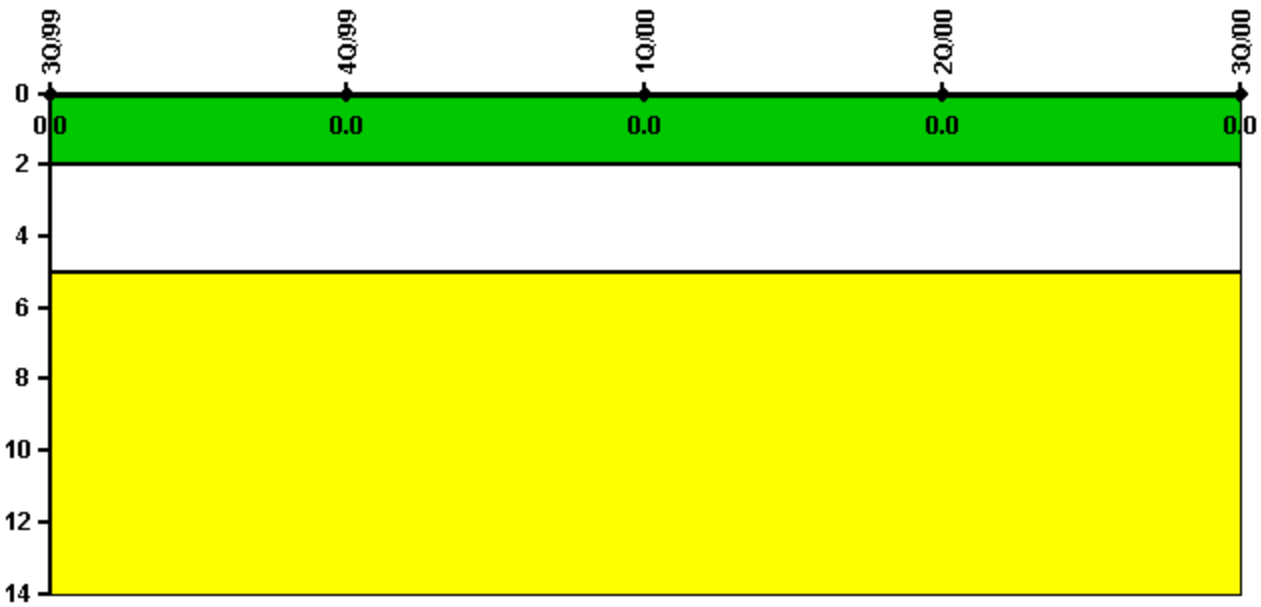
Thresholds: White < 94.0% Yellow < 90.0%

#### Notes

Alert & Notification System	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Successful siren-tests	401	402	405	402	401
Total sirens-tests	402	402	406	402	402
Indicator value	99.8%	99.9%	99.9%	99.9%	99.9%

Licensee Comments: none

### Occupational Exposure Control Effectiveness



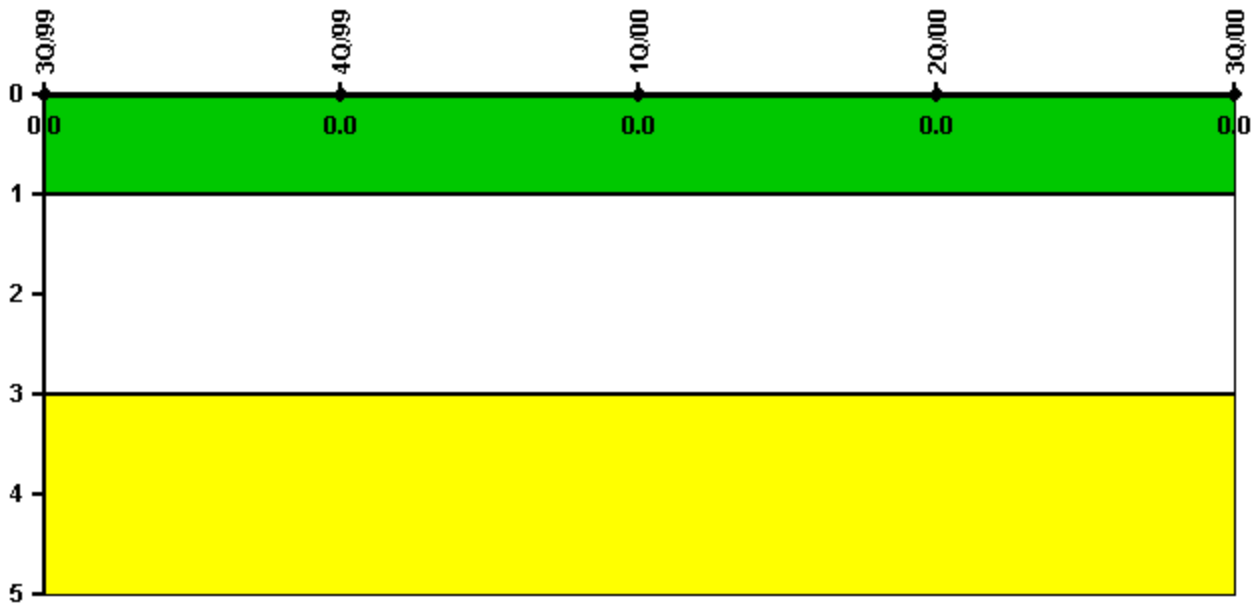
Thresholds: White > 2.0 Yellow > 5.0

#### 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	0	0	0	0
<b>Indicator value</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Licensee Comments: none

### RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

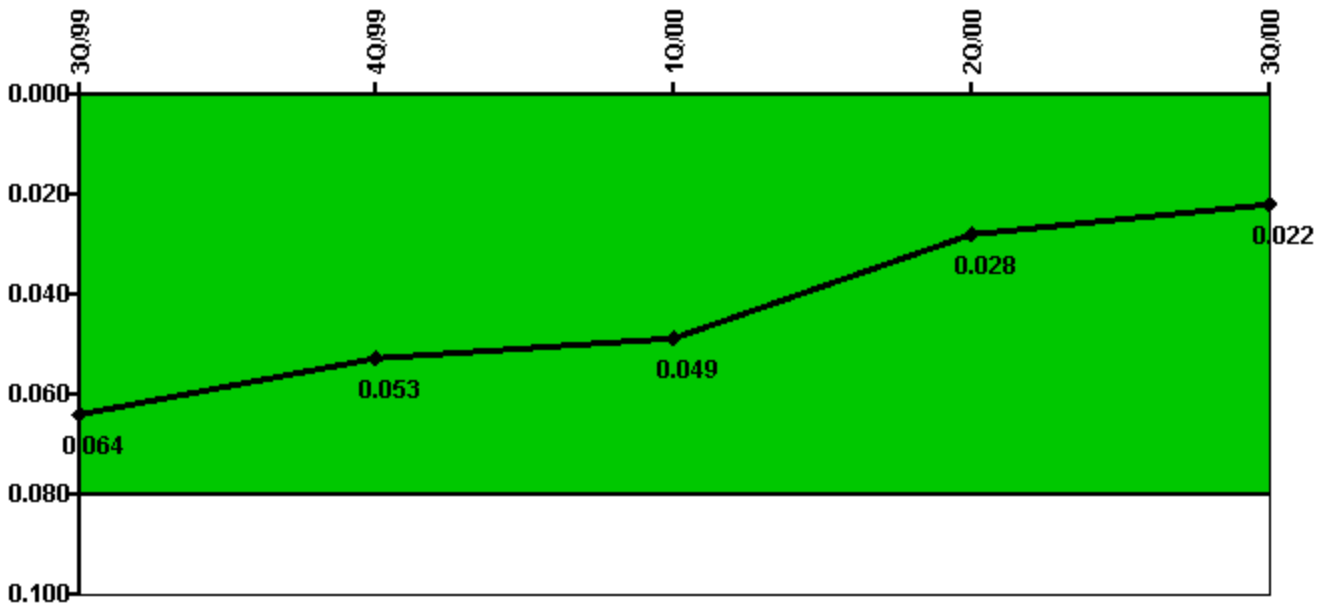
#### Notes

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

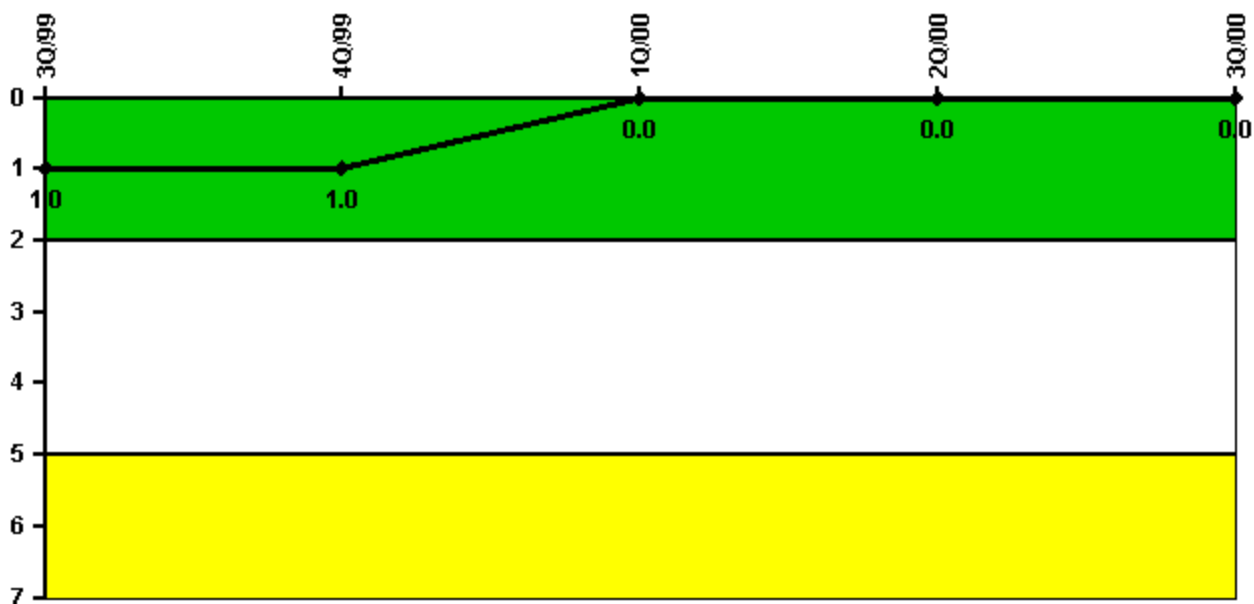
#### Notes

Protected Area Security Performance Index	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
IDS compensatory hours	129.05	16.45	69.46	181.70	43.60
CCTV compensatory hours	43.1	62.0	18.4	15.0	19.7
IDS normalization factor	1.10	1.10	1.10	1.10	1.10
CCTV normalization factor	1.1	1.1	1.1	1.1	1.1
<b>Index Value</b>	<b>0.064</b>	<b>0.053</b>	<b>0.049</b>	<b>0.028</b>	<b>0.022</b>

Licensee Comments:

2Q/00: In September 2000, an internal assessment discovered a 9 minute discrepancy for the month of April 2000 in IDS Compensatory Hours. This discrepancy changed the reported time from 32.5 hours to 32.4 hours. This change did not affect the Performance Indicator color.

### Personnel Screening Program



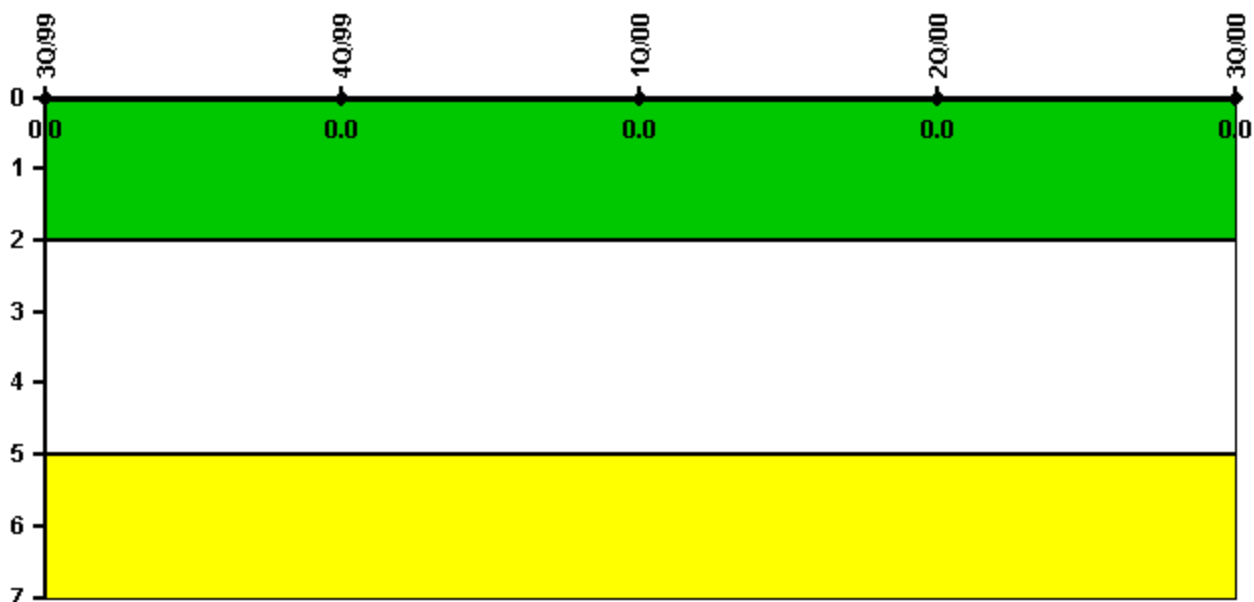
Thresholds: White > 2.0 Yellow > 5.0

#### Notes

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