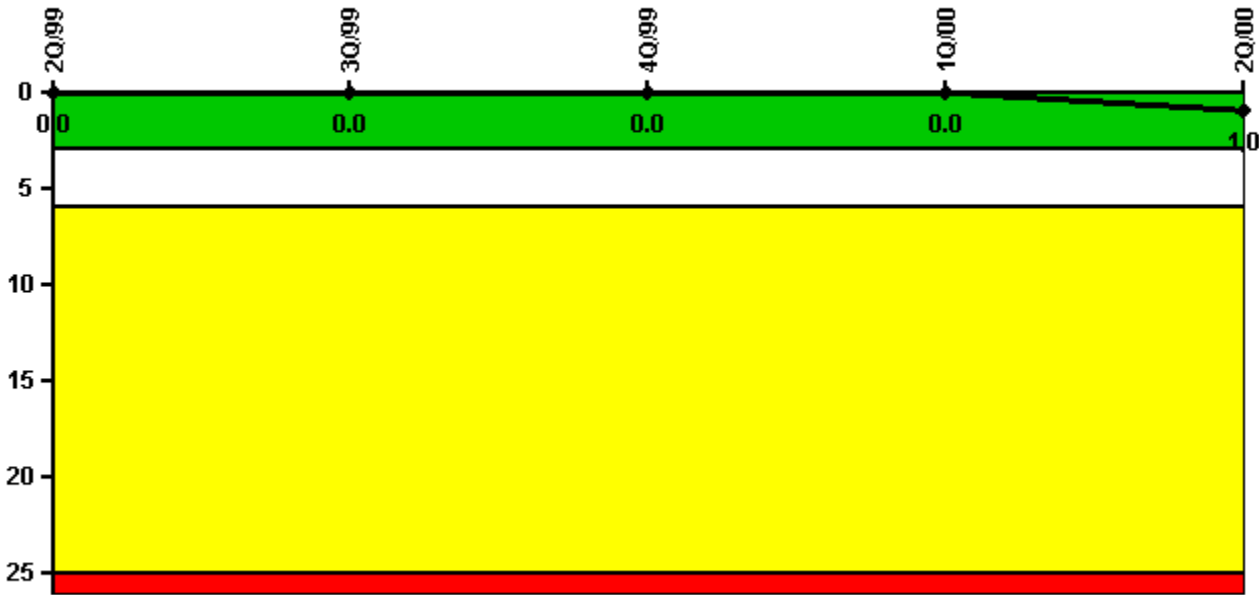


### Palisades

#### 2Q/2000 Performance Indicators

Licensee's General Comments: none

#### Unplanned Scrams per 7000 Critical Hrs



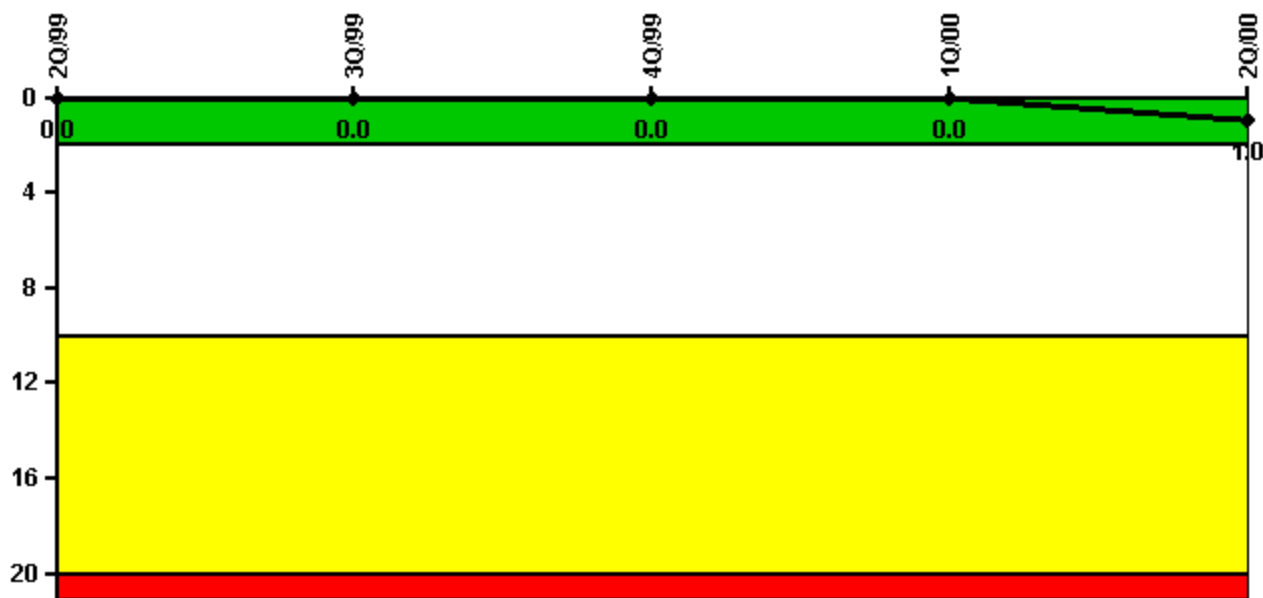
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

#### Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Unplanned scrams	0	0	0	0	1.0
Critical hours	1943.7	2208.0	872.7	1619.1	2119.0
<b>Indicator value</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1.0</b>

Licensee Comments: none

### Scrams with Loss of Normal Heat Removal



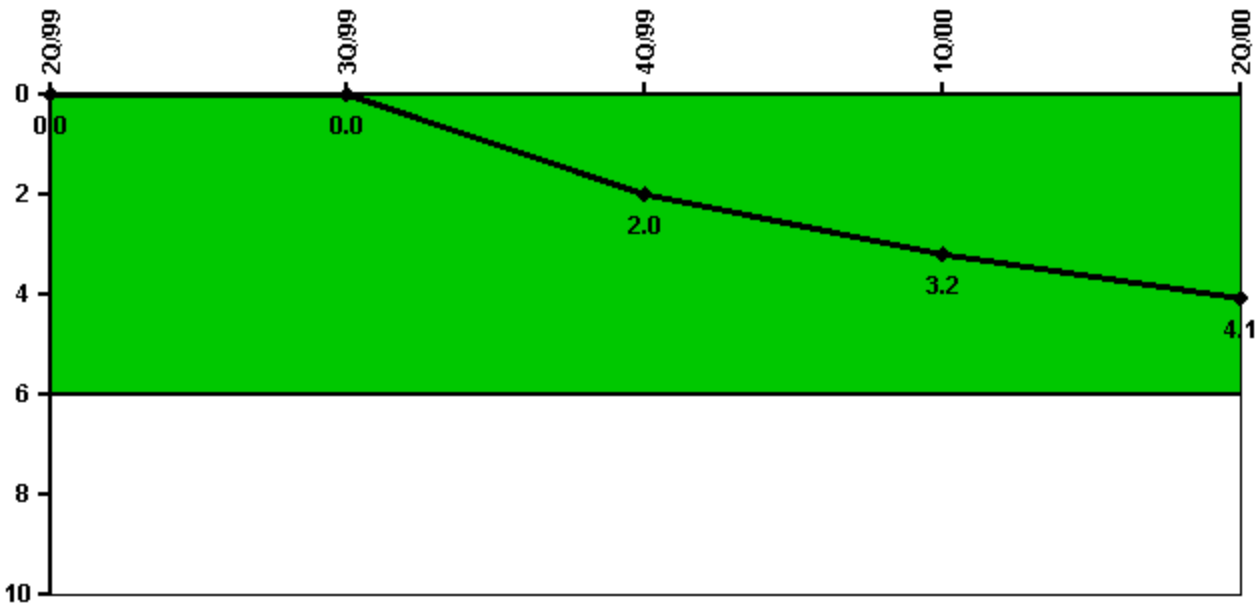
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

#### Notes

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

Licensee Comments: none

### Unplanned Power Changes per 7000 Critical Hrs



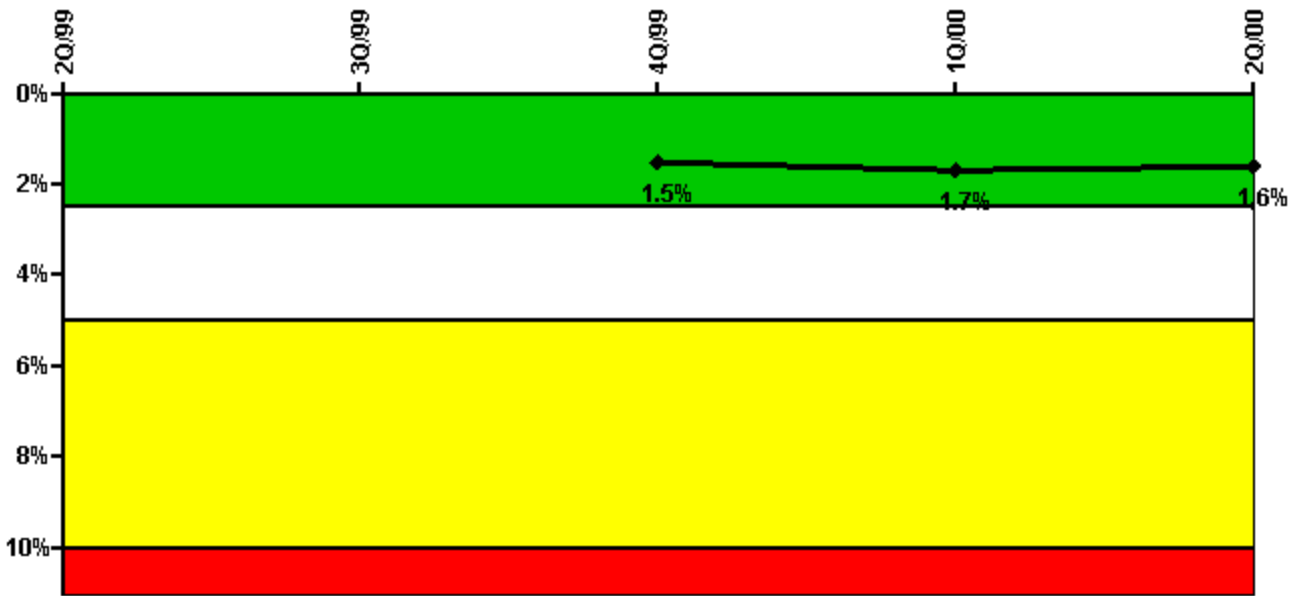
Thresholds: White > 6.0

#### Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Unplanned power changes	0	0	2.0	1.0	1.0
Critical hours	1943.7	2208.0	872.7	1619.1	2119.0
<b>Indicator value</b>	<b>0</b>	<b>0</b>	<b>2.0</b>	<b>3.2</b>	<b>4.1</b>

Licensee Comments: none

### Safety System Unavailability, Emergency AC Power



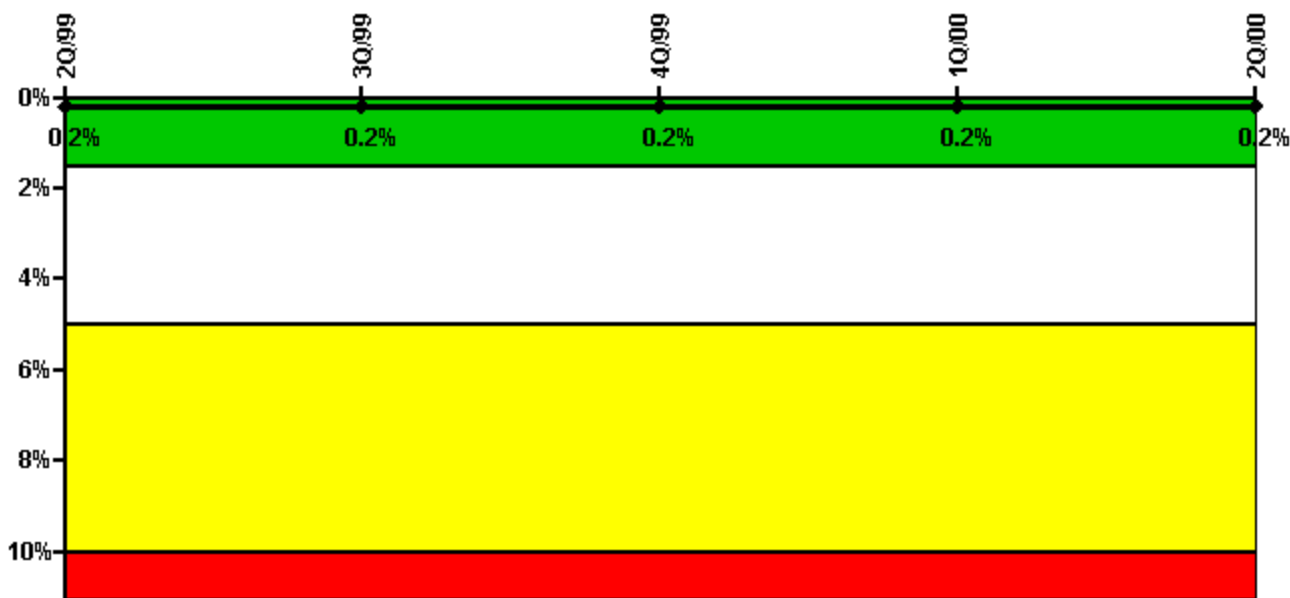
Thresholds: **White** > 2.5% **Yellow** > 5.0% **Red** > 10.0%

#### Notes

Safety System Unavailability, Emergency AC Power	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
<b>Train 1</b>					
Planned unavailable hours	0.97	0.71	42.30	54.12	0.33
Unplanned unavailable hours	0	0	34.00	0	17.78
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2183.00
<b>Train 2</b>					
Planned unavailable hours	1.35	35.23	0.40	35.05	0.45
Unplanned unavailable hours	109.92	0	0	0	0
Fault exposure hours	214.00	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2183.00
<b>Indicator value</b>			<b>1.5%</b>	<b>1.7%</b>	<b>1.6%</b>

Licensee Comments: none

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



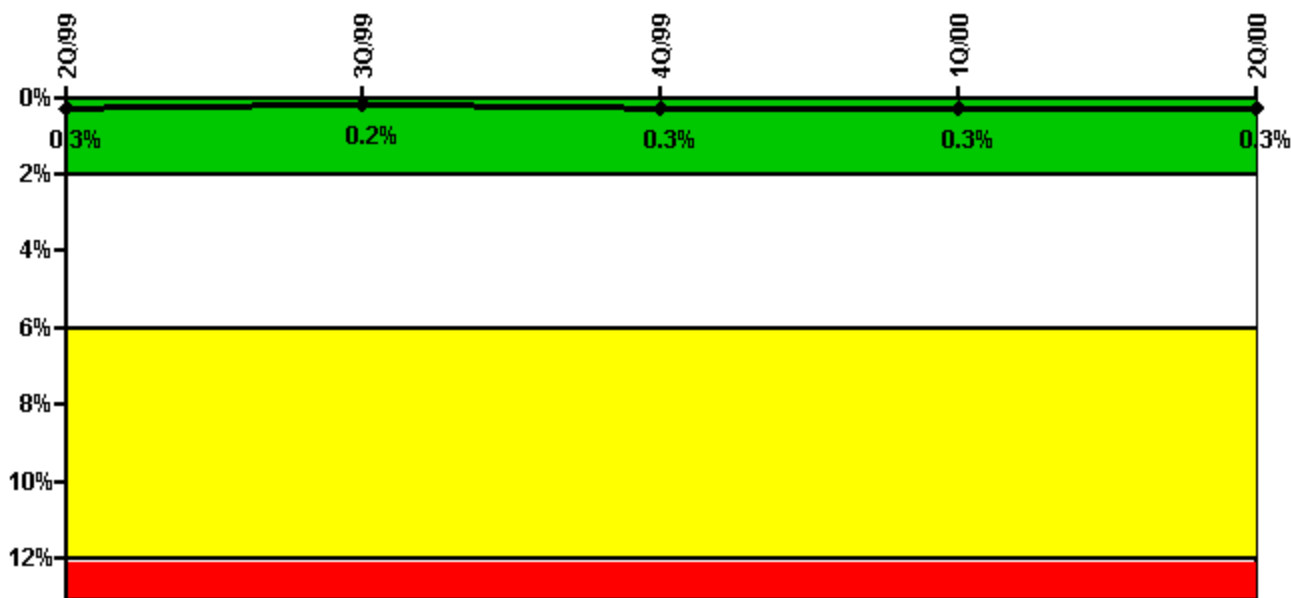
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

**Notes**

Safety System Unavailability, High Pressure Injection System (HPSI)	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
<b>Train 1</b>					
Planned unavailable hours	0	2.10	2.60	2.10	0.33
Unplanned unavailable hours	0	0	0	0	9.89
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1943.68	2208.00	872.68	1619.10	2183.00
<b>Train 2</b>					
Planned unavailable hours	28.28	1.70	0	3.26	7.08
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	1943.68	2208.00	872.68	1619.10	2183.00
<b>Indicator value</b>	<b>0.2%</b>	<b>0.2%</b>	<b>0.2%</b>	<b>0.2%</b>	<b>0.2%</b>

Licensee Comments: none

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



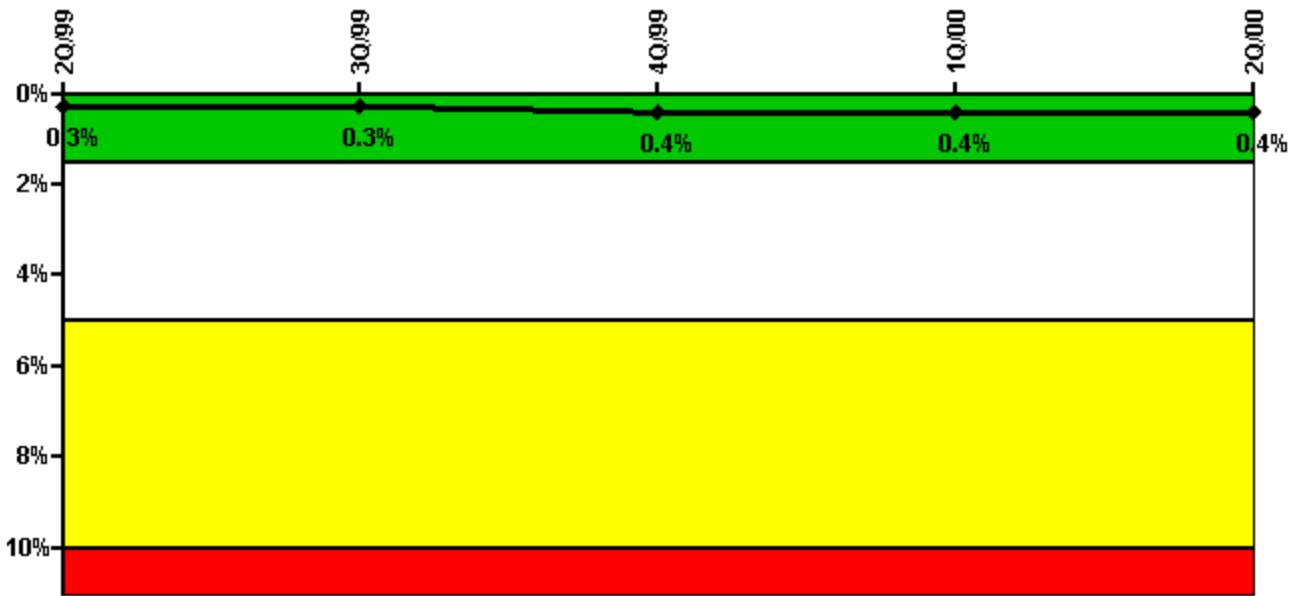
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

#### Notes

Safety System Unavailability, Heat Removal System (AFW)	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
<b>Train 1</b>					
Planned unavailable hours	0	0	3.22	0	0
Unplanned unavailable hours	0	1.93	0	2.92	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1943.68	2208.00	872.68	1619.10	2183.00
<b>Train 2</b>					
Planned unavailable hours	13.00	0	3.27	0	28.35
Unplanned unavailable hours	0	0	22.97	2.92	4.08
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1943.68	2208.00	872.68	1619.10	2183.00
<b>Train 3</b>					
Planned unavailable hours	1.82	8.05	0	0	5.47
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	1943.68	2208.00	872.68	1619.10	2183.00
<b>Indicator value</b>	<b>0.3%</b>	<b>0.2%</b>	<b>0.3%</b>	<b>0.3%</b>	<b>0.3%</b>

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/99	3Q/99	4Q/99	1Q/00	2Q/00
<b>Train 1</b>					
Planned unavailable hours	19.95	13.60	0	10.40	0.62
Unplanned unavailable hours	0	0	0	0	0.08
Fault exposure hours	0	0	57.74	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2183.00
<b>Train 2</b>					
Planned unavailable hours	21.52	5.63	2.82	2.83	0.65
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	2183.00	2208.00	2209.00	2184.00	2183.00
<b>Train 3</b>					
Planned unavailable hours	19.95	13.60	0	10.40	0
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	57.74	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	0
<b>Train 4</b>					
Planned unavailable hours	21.52	5.63	2.82	2.83	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	2183.00	2208.00	2209.00	2184.00	0
<b>Indicator value</b>	<b>0.3%</b>	<b>0.3%</b>	<b>0.4%</b>	<b>0.4%</b>	<b>0.4%</b>

Licensee Comments:

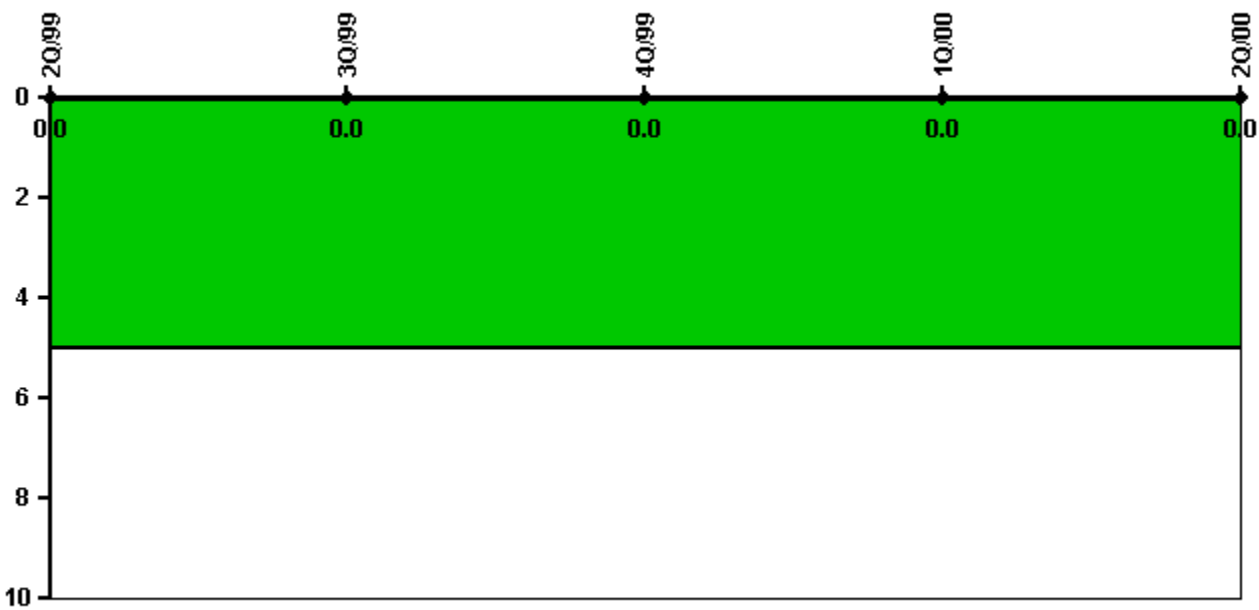
2Q/00: Train 3 and 4 data for periods prior to 2Q2000 use Train 1 and 2 data previously reported. 2Q2000 data for all Trains is actual.

2Q/00: Train 3 and 4 data for periods prior to 2Q2000 use Train 1 and 2 data previously reported. 2Q2000 data for all Trains is actual.

2Q/00: Train 3 and 4 data for periods prior to 2Q2000 use Train 1 and 2 data previously reported. 2Q2000 data for all Trains is actual.

1Q/00: Based on final determination for RHR reporting for CE Plants, data for Trains 3 and 4 prior to 2Q00 is the same as previously reported for Trains 1 and 2. Data for 2Q00 will be actual for all four Trains.

### Safety System Functional Failures (PWR)



Thresholds: White > 5.0

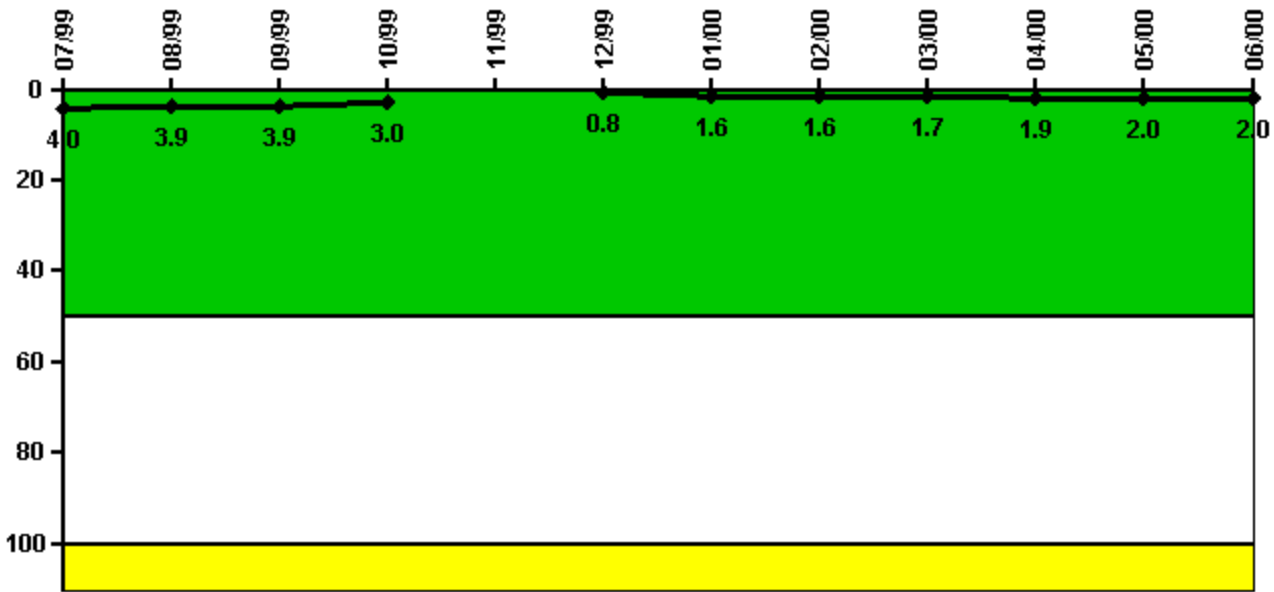
#### Notes

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

Licensee Comments: none



### Reactor Coolant System Activity



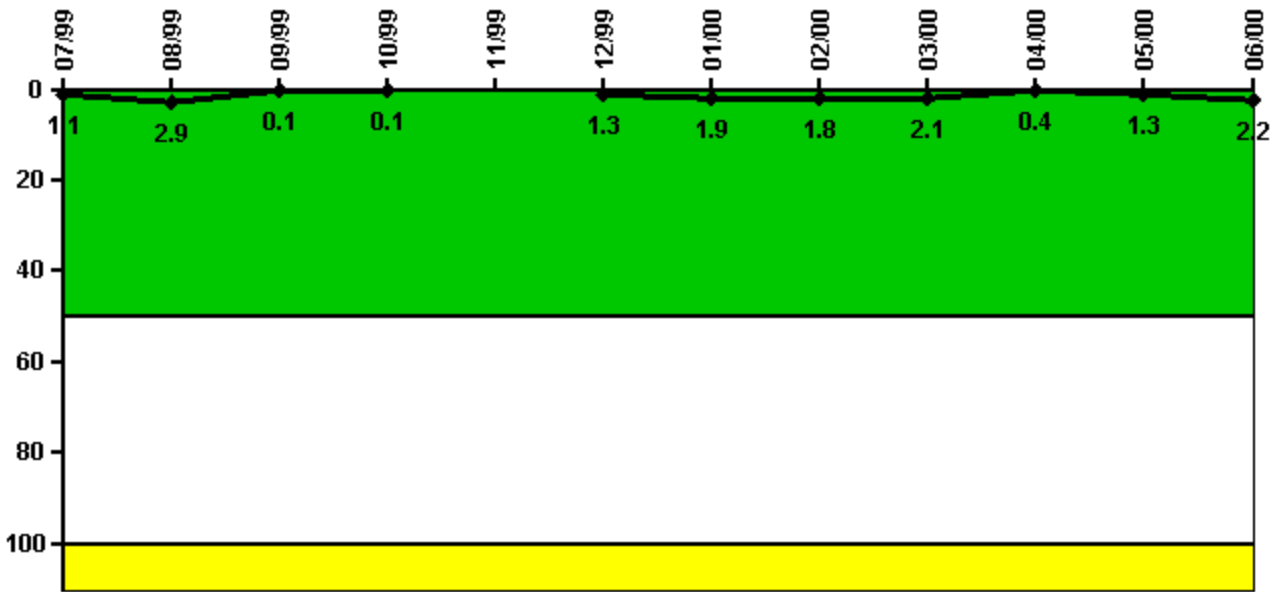
Thresholds: White > 50.0 Yellow > 100.0

#### Notes

Reactor Coolant System Activity	7/99	8/99	9/99	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00
Maximum activity	0.040000	0.039000	0.039000	0.030000	N/A	0.008000	0.015700	0.015800	0.016900	0.018800	0.019800	0.020400
Technical specification limit	1.0	1.0	1.0	1.0	N/A	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	4.0	3.9	3.9	3.0	N/A	0.8	1.6	1.6	1.7	1.9	2.0	2.0

Licensee Comments: none

### Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

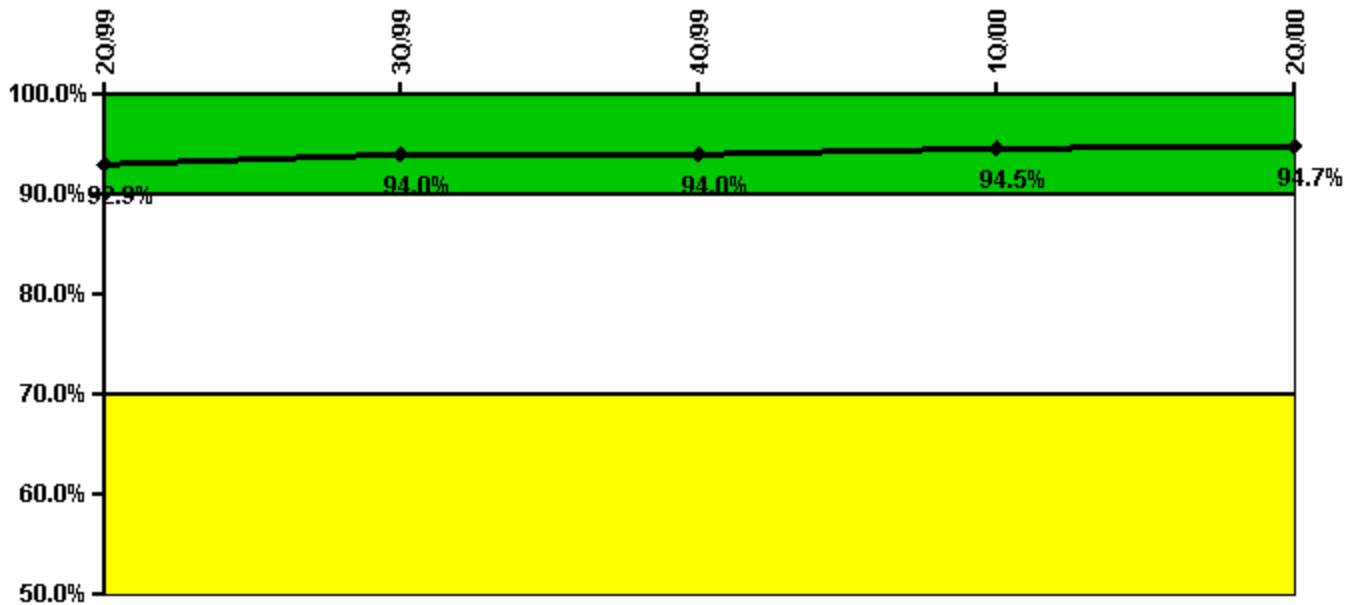
#### Notes

Reactor Coolant System Leakage	7/99	8/99	9/99	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00
Maximum leakage	0.109	0.293	0.013	0.010	N/A	0.127	0.187	0.177	0.214	0.041	0.128	0.216
Technical specification limit	10.0	10.0	10.0	10.0	N/A	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.1	2.9	0.1	0.1	N/A	1.3	1.9	1.8	2.1	0.4	1.3	2.2

Licensee Comments:

6/00: RCS Identified Leakage has been, and will be, reported per Palisades Improved Technical Specifications.

### Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

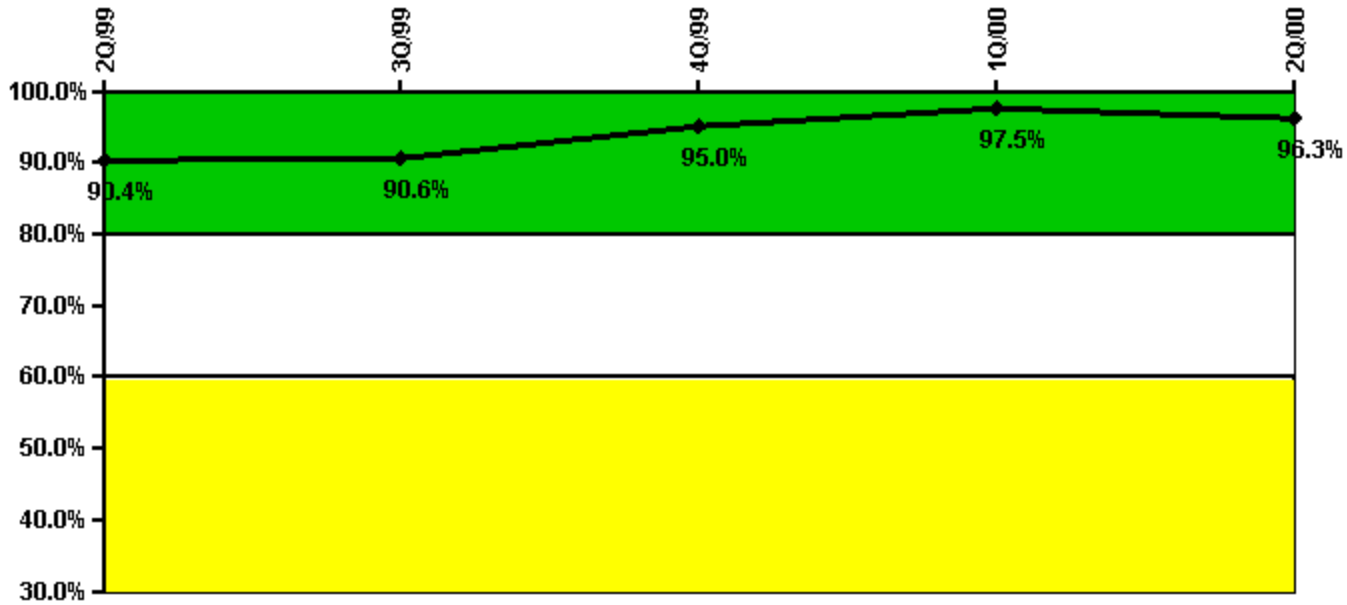
#### Notes

Drill/Exercise Performance	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Successful opportunities	16.0	70.0	0	14.0	21.0
Total opportunities	16.0	74.0	0	14.0	22.0
<b>Indicator value</b>	<b>92.9%</b>	<b>94.0%</b>	<b>94.0%</b>	<b>94.5%</b>	<b>94.7%</b>

Licensee Comments:

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



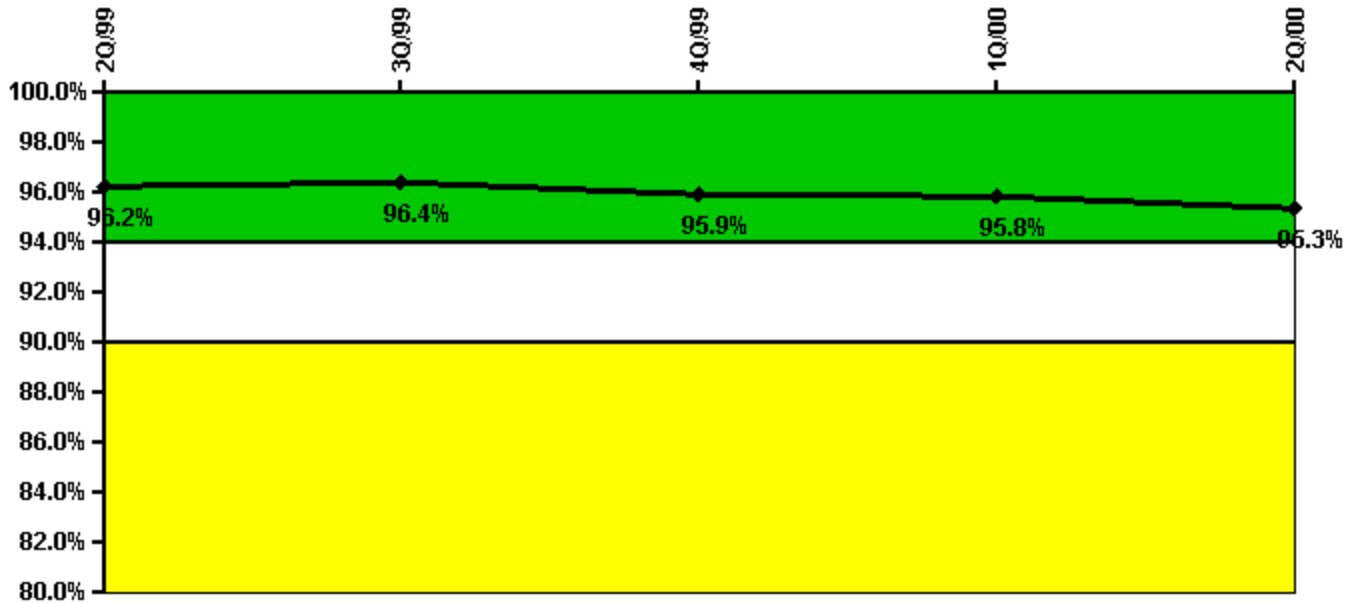
Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

ERO Drill Participation	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Participating Key personnel	66.0	77.0	76.0	79.0	78.0
Total Key personnel	73.0	85.0	80.0	81.0	81.0
Indicator value	90.4%	90.6%	95.0%	97.5%	96.3%

Licensee Comments: none

### Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

#### Notes

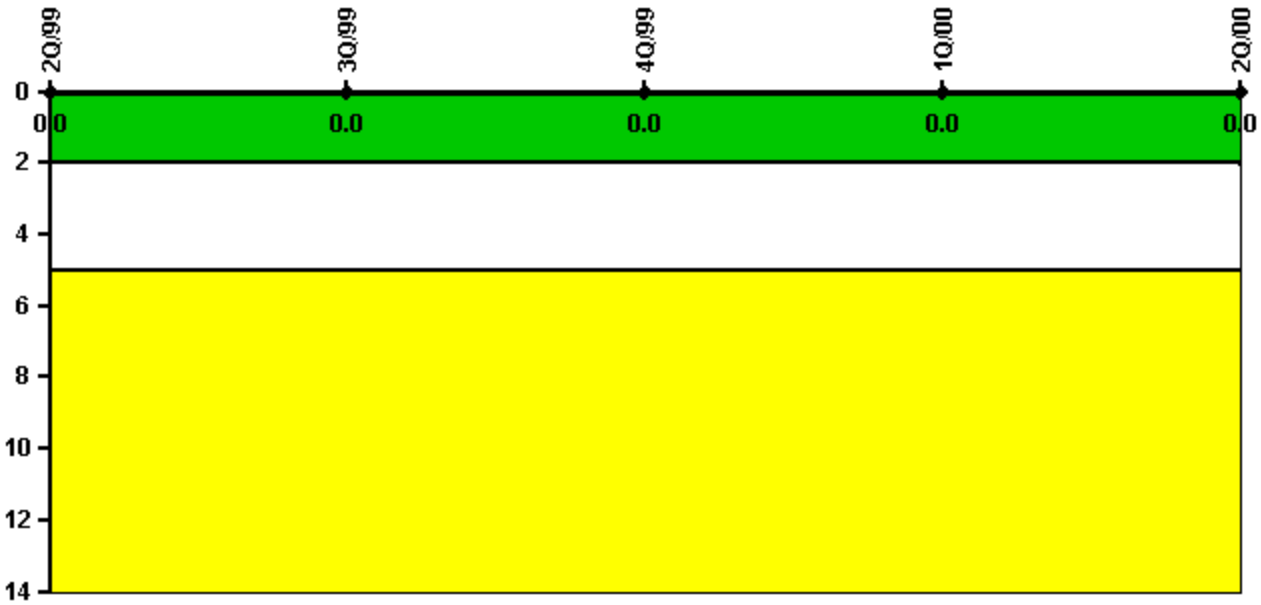
Alert & Notification System	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Successful siren-tests	213	213	211	203	239
Total sirens-tests	220	225	219	213	252
Indicator value	96.2%	96.4%	95.9%	95.8%	95.3%

#### Licensee Comments:

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

2Q/00: "Number of sirens tested" adjusted this period to comply with final NEI 99-02, Revision 0, guidance on counting tests. Prior period data not changed.

### Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

#### Notes

Occupational Exposure Control Effectiveness	2Q/99	3Q/99	4Q/99	1Q/00	2Q/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



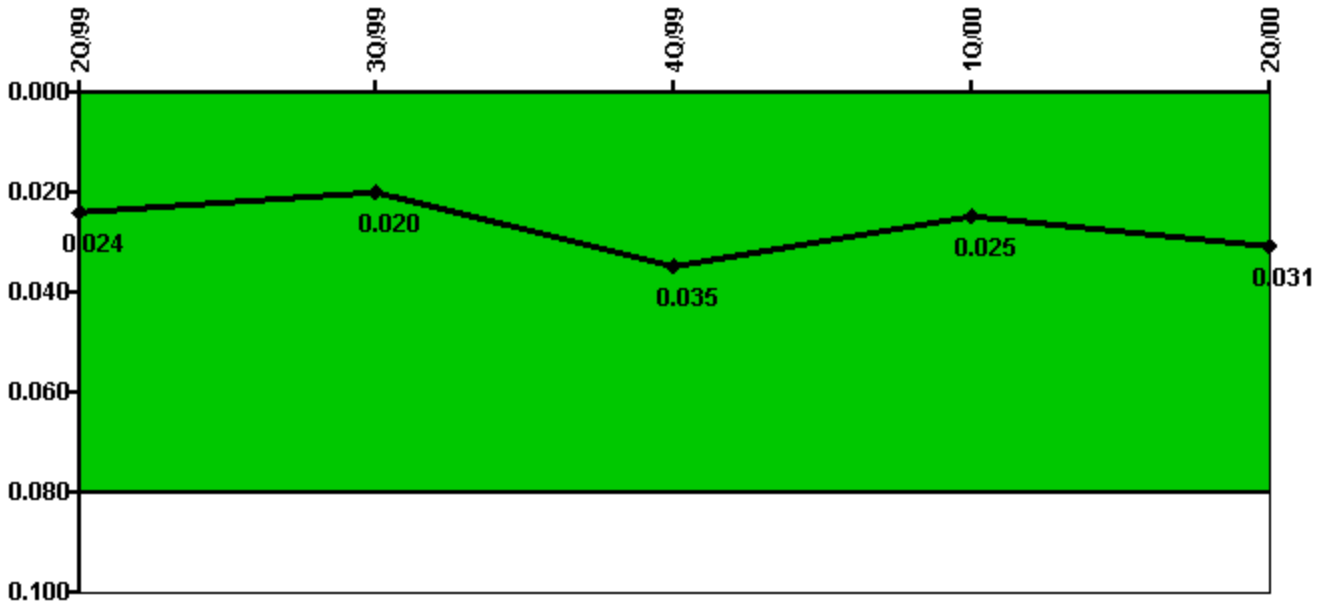
Thresholds: White > 1.0 Yellow > 3.0

#### Notes

RETS/ODCM Radiological Effluent	2Q/99	3Q/99	4Q/99	1Q/00	2Q/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	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
IDS compensatory hours	49.10	34.30	499.15	57.81	201.00
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
<b>Index Value</b>	<b>0.024</b>	<b>0.020</b>	<b>0.035</b>	<b>0.025</b>	<b>0.031</b>

#### Licensee Comments:

2Q/00: IDS/CCTV Compensatory Hours for 1Q2000 corrected due to data transposition in 1Q2000 report - no effect on PI.

1Q/00: IDS Compensatory Hours incorrectly reported as CCTV Compensatory Hours in First Quarter report.



### Personnel Screening Program



Thresholds: White > 2.0 Yellow > 5.0

#### Notes

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