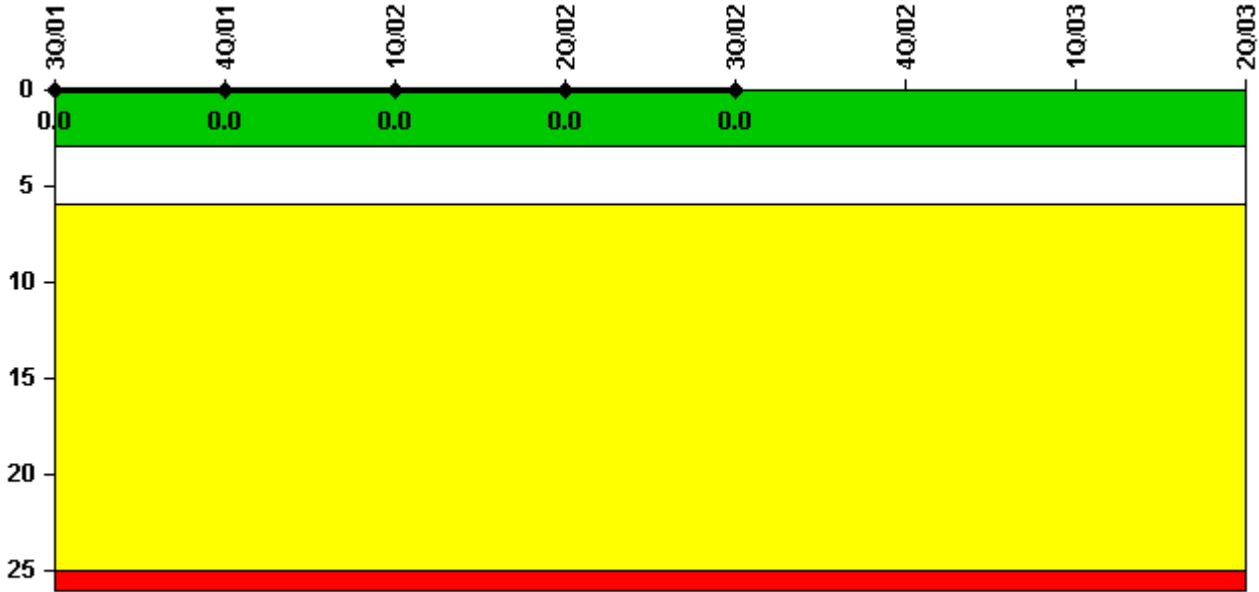


# Davis-Besse

## 2Q/2003 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



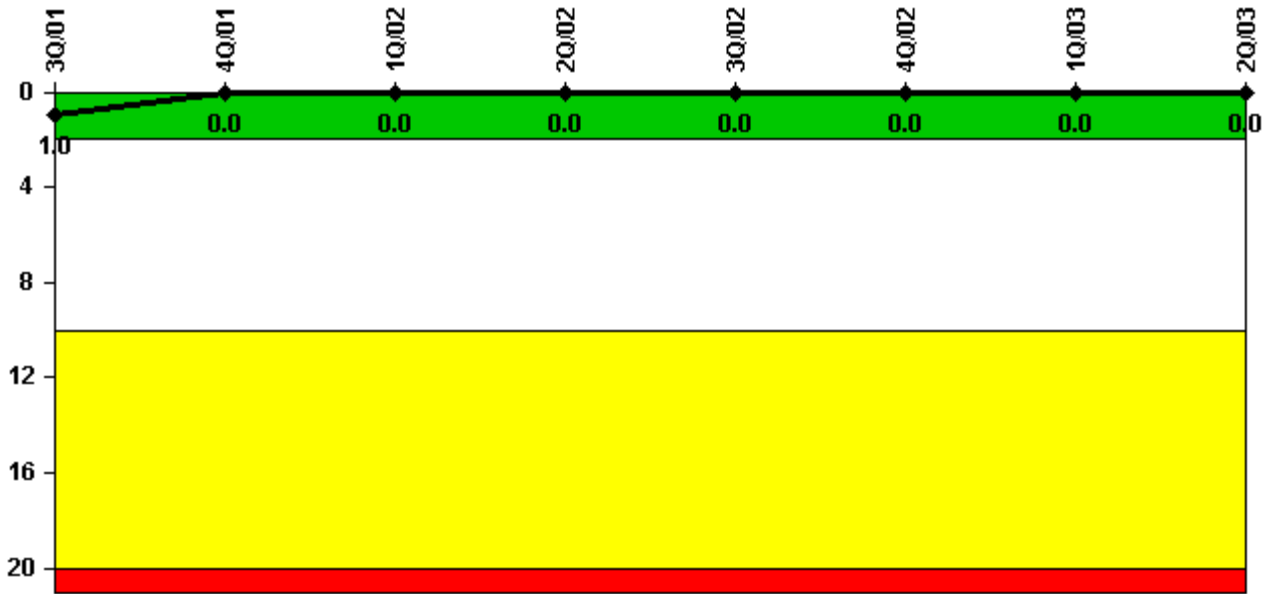
**Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0**

**Notes**

Unplanned Scrams per 7000 Critical Hrs	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2208.0	2209.0	1107.6	0	0	0	0	0
Indicator value	0	0	0	0	0	N/A	N/A	N/A

Licensee Comments: none

### Scrams with Loss of Normal Heat Removal



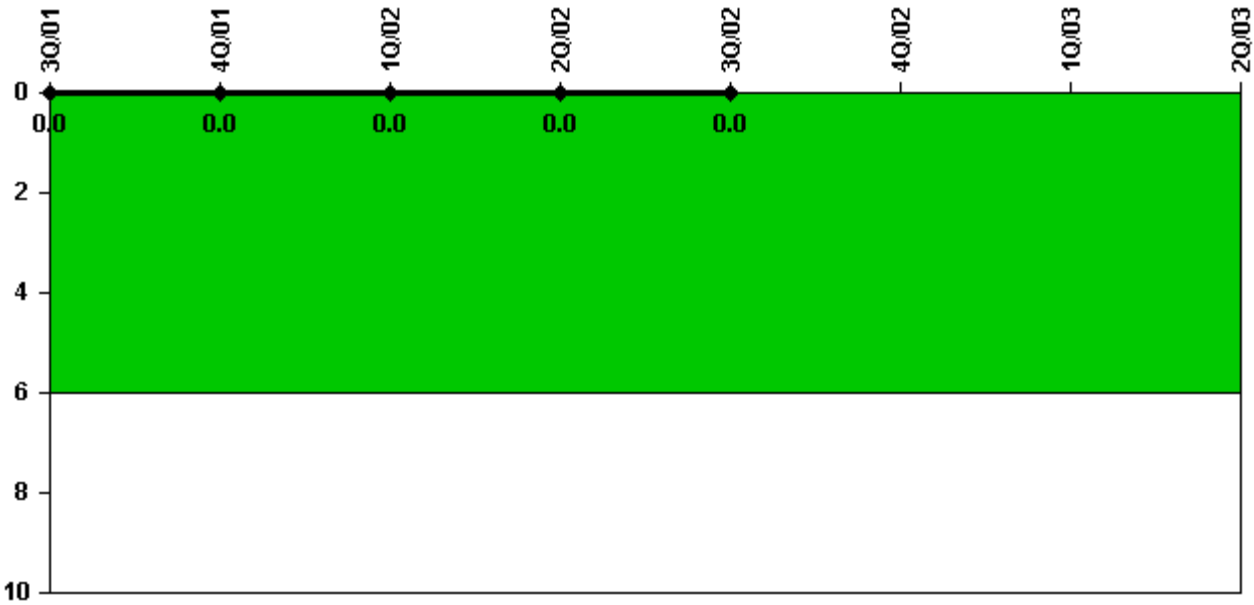
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

#### Notes

Scrams with Loss of Normal Heat Removal	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Scrams	0	0	0	0	0	0	0	0
Indicator value	1.0	0	0	0	0	0	0	0

Licensee Comments: none

### Unplanned Power Changes per 7000 Critical Hrs



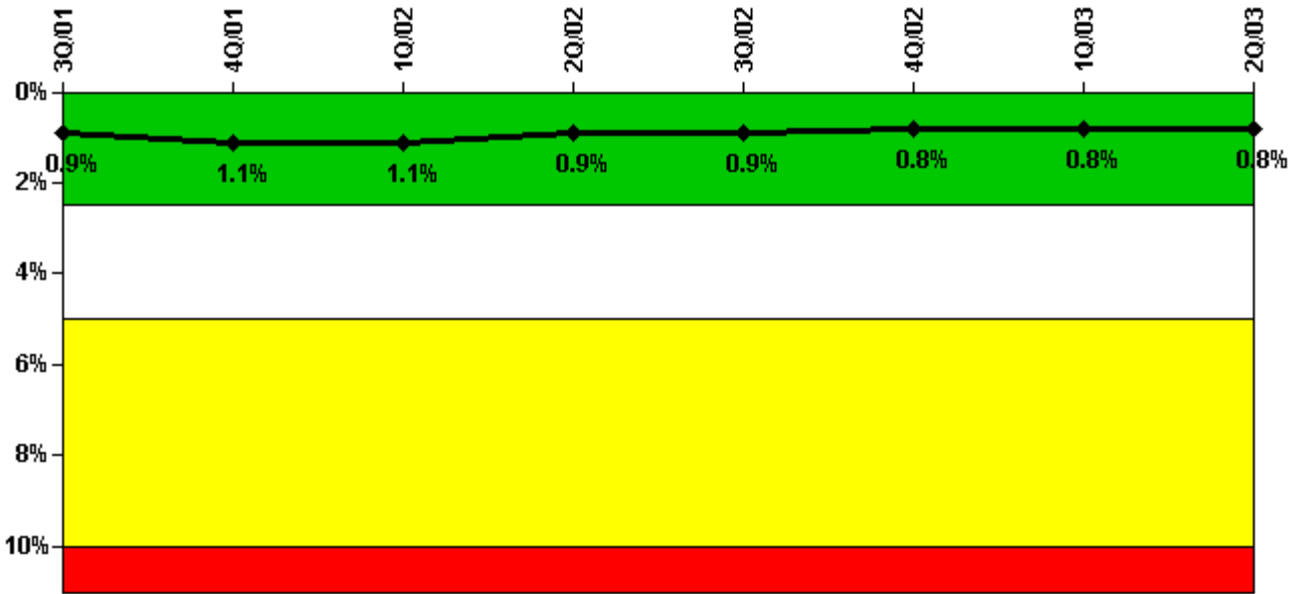
Thresholds: White > 6.0

#### Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2208.0	2209.0	1107.6	0	0	0	0	0
Indicator value	0	0	0	0	0	N/A	N/A	N/A

Licensee Comments: none

### Safety System Unavailability, Emergency AC Power



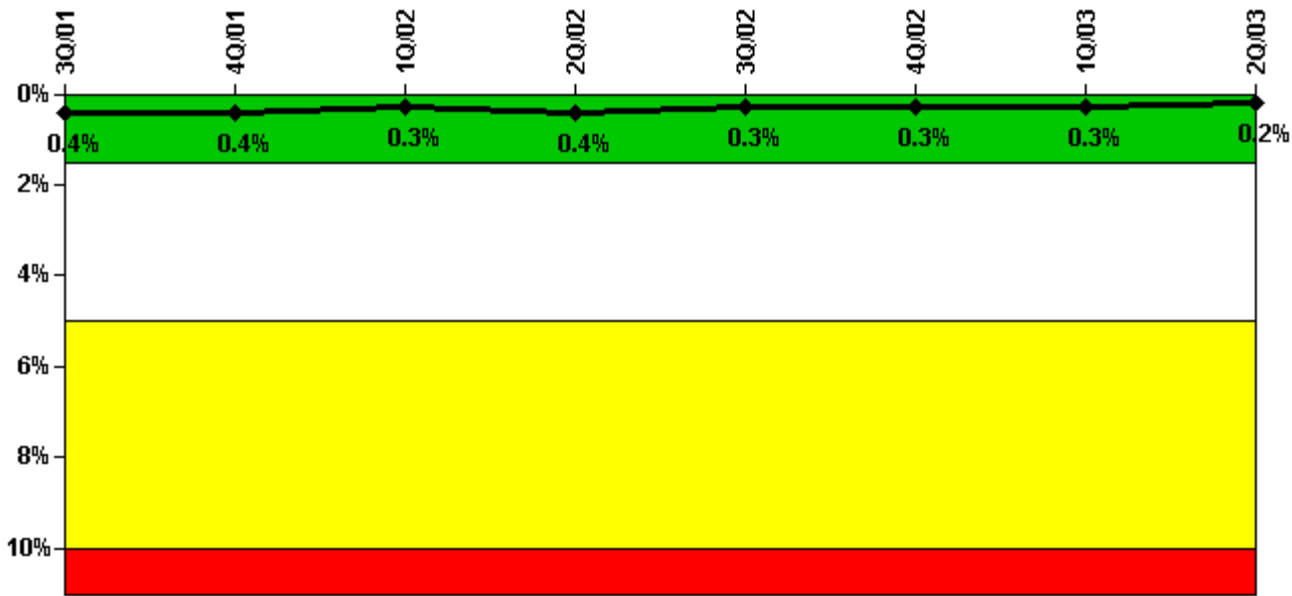
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

#### Notes

Safety System Unavailability, Emergency AC Power	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
<b>Train 1</b>								
Planned unavailable hours	48.80	6.20	5.40	0	0	0	0	0
Unplanned unavailable hours	0.40	0	0	0	0	0	0	0
Fault exposure hours	3.10	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	1698.40	1177.20	1239.30	609.70	1192.50	937.80
<b>Train 2</b>								
Planned unavailable hours	9.90	106.90	3.60	0	0	0	0	0
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	2208.00	2209.00	1600.30	1006.90	968.70	1598.30	967.50	1246.20
Indicator value	0.9%	1.1%	1.1%	0.9%	0.9%	0.8%	0.8%	0.8%

Licensee Comments: none

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



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

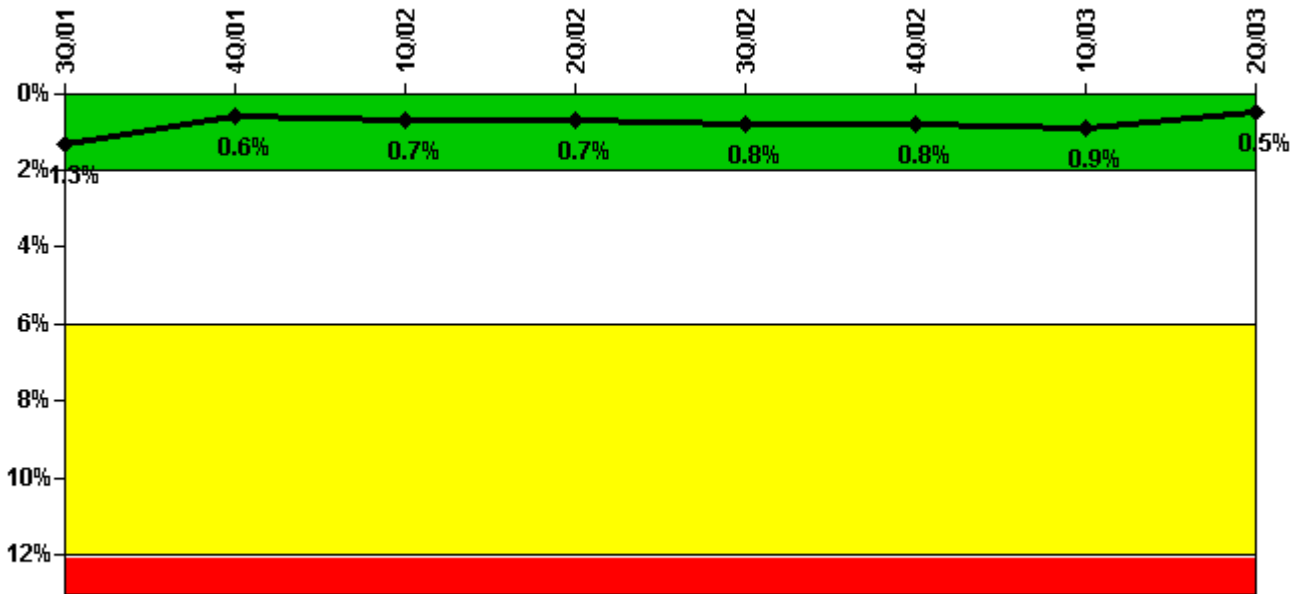
Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
<b>Train 1</b>								
Planned unavailable hours	0.50	2.30	21.50	0	0	0	0	0
Unplanned unavailable hours	0	3.50	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	2208.00	2209.00	1550.10	1050.60	0	0	0	0
<b>Train 2</b>								
Planned unavailable hours	9.30	0	0.40	0	0	0	0	0
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	2208.00	2209.00	1537.40	1006.90	0	0	0	0
Indicator value	0.4%	0.4%	0.3%	0.4%	0.3%	0.3%	0.3%	0.2%

Licensee Comments:

2Q/03: Because of design deficiencies associated with the High Pressure Injection Pumps involving degradation due to debris in emergency sump fluid post-accident (LER 2003-002) and inadequate pump minimum recirculation flow following SBLOCA (LER 2003-003), the following fault exposure hours would apply to the High Pressure Injection System: 3Q2000 – Train 1: 2208 hours; Train 2: 2202.6 hours. 4Q2000 – Train 1: 2209 hours; Train 2: 2209 hours. 1Q2001 – Train 1: 2146 hours; Train 2: 2145.7 hours. 2Q2001 – Train 1: 2183 hours; Train 2: 2183 hours. 3Q2001 – Train 1: 2207.5 hours; Train 2: 2198.7 hours. 4Q2001 – Train 1: 2203.2 hours; Train 2: 2209 hours. 1Q2002 – Train 1: 1113.3 hours; Train 2: 1134.4 hours. No Fault Exposure Hours for 2Q2002 and beyond due to plant shutdown.

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



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

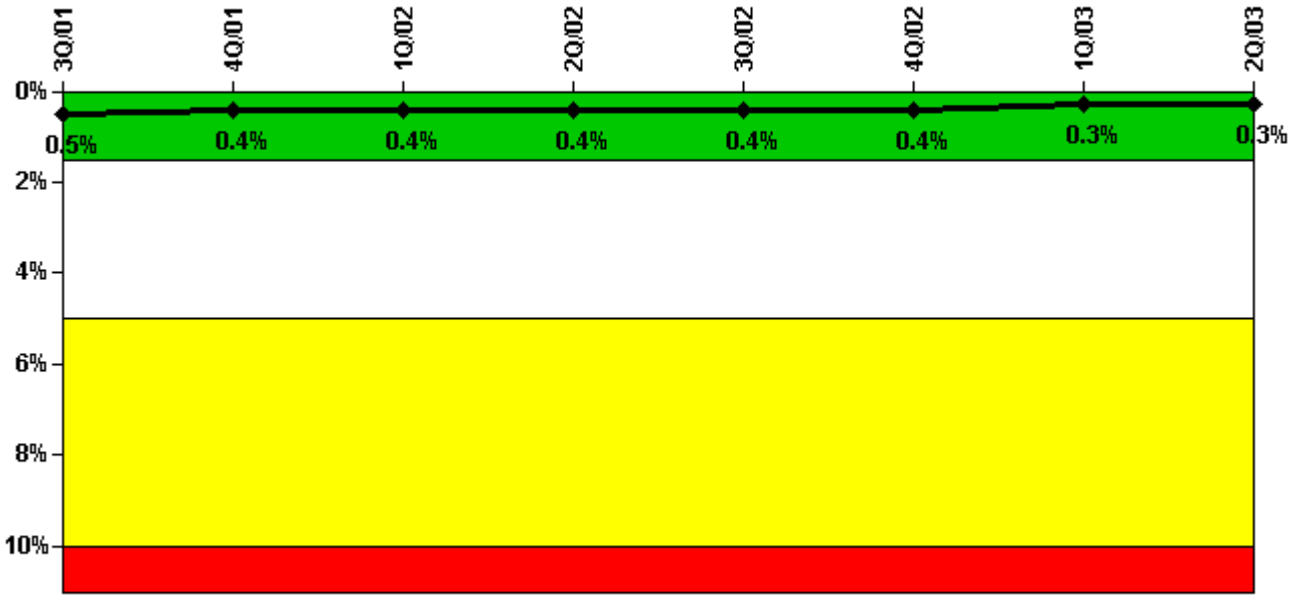
#### Notes

Safety System Unavailability, Heat Removal System (AFW)	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
<b>Train 1</b>								
Planned unavailable hours	0.90	9.20	3.30	0	0	0	0	0
Unplanned unavailable hours	0	4.00	0	0	0	0	0	0
Fault exposure hours	0	84.50	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	1134.80	0	0	0	0	0
<b>Train 2</b>								
Planned unavailable hours	17.60	3.20	0.20	0	0	0	0	0
Unplanned unavailable hours	1.80	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	2208.00	2209.00	1134.80	0	0	0	0	0
<b>Train 3</b>								
Planned unavailable hours	0	0	2.30	0	0	0	0	0
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	2208.00	2209.00	1134.80	0	0	0	0	0

Indicator value	1.3%	0.6%	0.7%	0.7%	0.8%	0.8%	0.9%	0.5%
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Licensee Comments: none

### Safety System Unavailability, Residual Heat Removal System



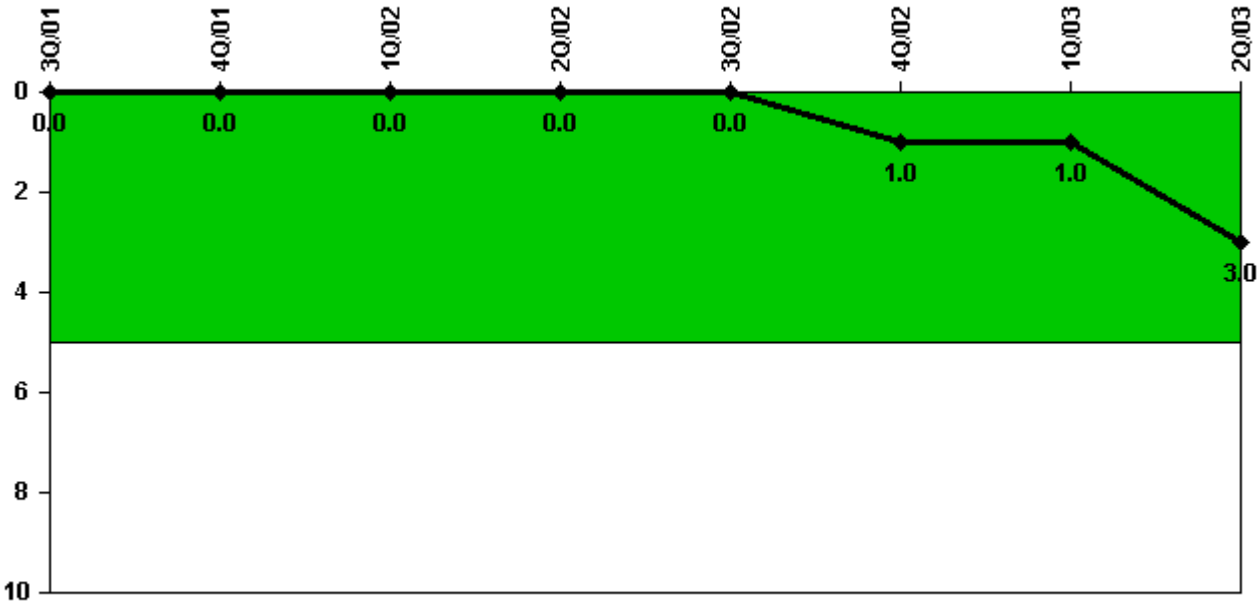
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

**Notes**

Safety System Unavailability, Residual Heat Removal System	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
<b>Train 1</b>								
Planned unavailable hours	24.50	1.30	1.00	7.00	0	0	0	0
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	2208.00	2209.00	1749.30	1177.20	1250.60	609.70	1550.00	1005.30
<b>Train 2</b>								
Planned unavailable hours	17.30	1.50	0	0	0	0	0	0
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	2208.00	2209.00	1710.50	1006.90	957.40	1598.30	872.00	1251.00
Indicator value	0.5%	0.4%	0.4%	0.4%	0.4%	0.4%	0.3%	0.3%

Licensee Comments: none

### Safety System Functional Failures (PWR)



Thresholds: White > 5.0

### Notes

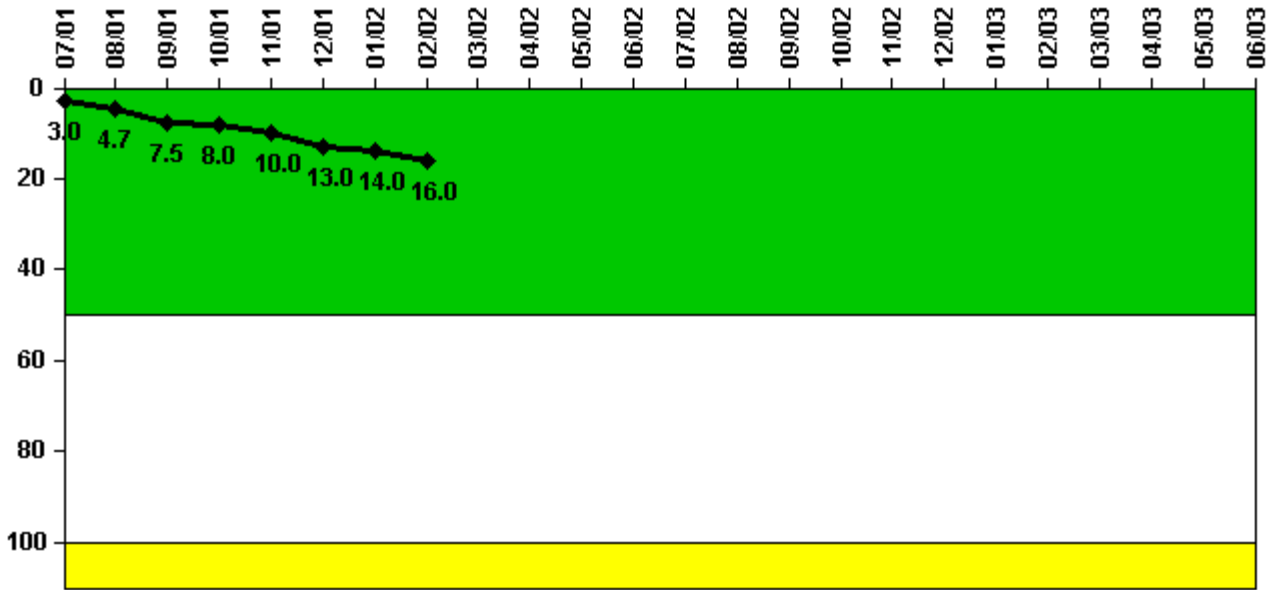
Safety System Functional Failures (PWR)	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Safety System Functional Failures	0	0	0	0	0	1	0	2
Indicator value	0	0	0	0	0	1	1	3

Licensee Comments:

2Q/03: LER 2003-002, Potential Degradation of HPI Pumps due to Debris in Emergency Sump Fluid Post-Accident, submitted May 2003. LER 2003-003, Potential Inadequate HPI Pump Minimum Recirculation Flow Following SBLOCA, submitted June 2003.



### Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

**Notes**

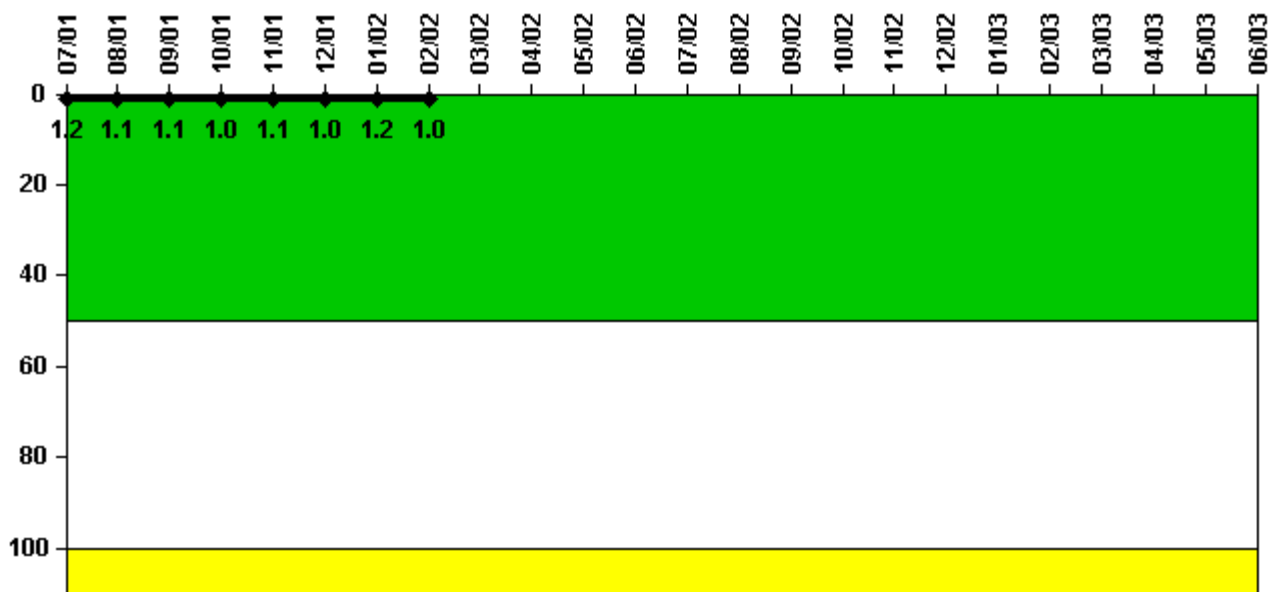
Reactor Coolant System Activity	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02
Maximum activity	0.030000	0.046800	0.075200	0.080000	0.100000	0.130000	0.140000	0.160000	N/A	N/A	N/A	N/A
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	3.0	4.7	7.5	8.0	10.0	13.0	14.0	16.0	N/A	N/A	N/A	N/A

Reactor Coolant System Activity	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03
Maximum activity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
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	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Licensee Comments: none

### Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

#### Notes

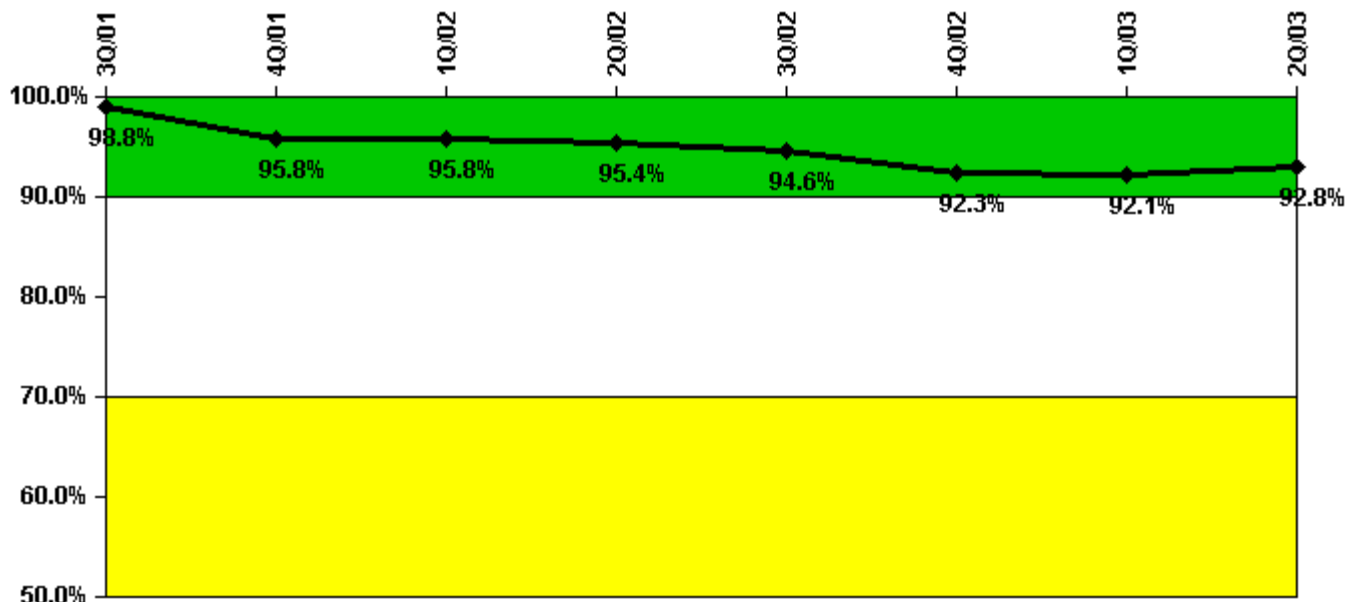
Reactor Coolant System Leakage	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02
Maximum leakage	0.120	0.110	0.110	0.100	0.110	0.100	0.120	0.100	N/A	N/A	N/A	N/A
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.2	1.1	1.1	1.0	1.1	1.0	1.2	1.0	N/A	N/A	N/A	N/A

Reactor Coolant System Leakage	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03
Maximum leakage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
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	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Licensee Comments: none

### Drill/Exercise Performance



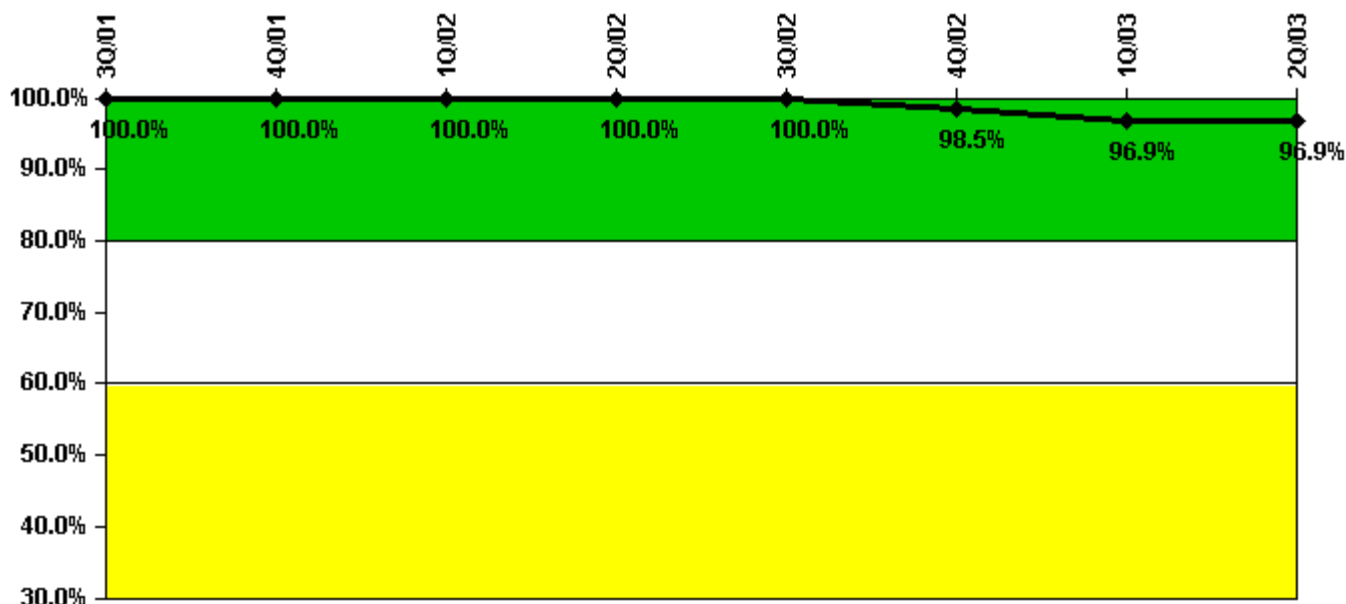
Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

Drill/Exercise Performance	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Successful opportunities	10.0	59.0	0	7.0	13.0	23.0	0	30.0
Total opportunities	10.0	66.0	0	8.0	14.0	26.0	0	29.0
Indicator value	98.8%	95.8%	95.8%	95.4%	94.6%	92.3%	92.1%	92.8%

Licensee Comments: none

### ERO Drill Participation



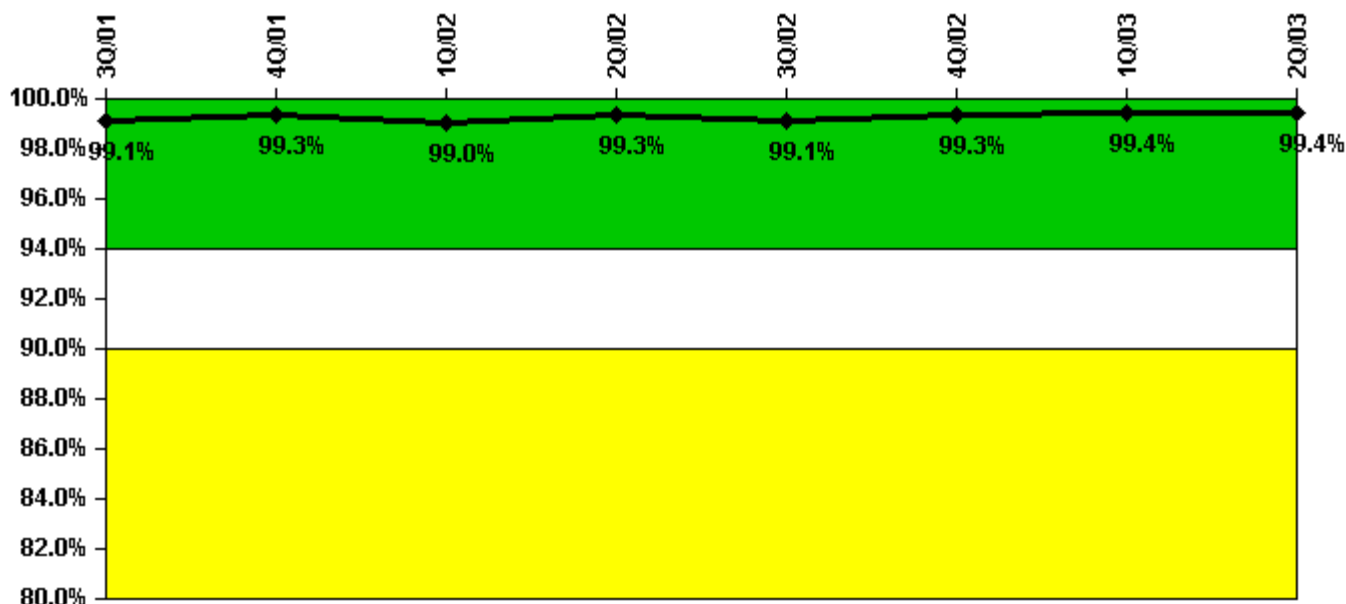
Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

ERO Drill Participation	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Participating Key personnel	70.0	70.0	72.0	71.0	68.0	65.0	63.0	62.0
Total Key personnel	70.0	70.0	72.0	71.0	68.0	66.0	65.0	64.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	98.5%	96.9%	96.9%

Licensee Comments: none

### Alert & Notification System



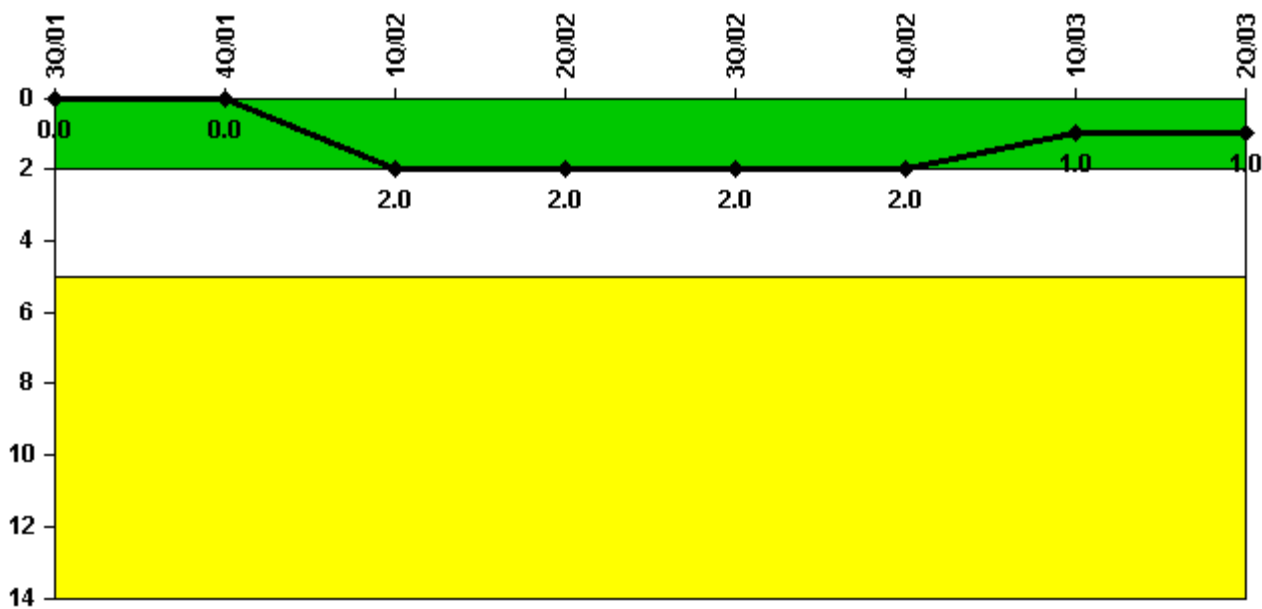
Thresholds: White < 94.0% Yellow < 90.0%

#### Notes

Alert & Notification System	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Successful siren-tests	161	161	213	162	160	162	214	162
Total sirens-tests	162	162	216	162	162	162	216	162
Indicator value	99.1%	99.3%	99.0%	99.3%	99.1%	99.3%	99.4%	99.4%

Licensee Comments: none

### Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

#### Notes

Occupational Exposure Control Effectiveness	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
High radiation area occurrences	0	0	1	0	0	0	1	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	1	0	0	0	0	0
Indicator value	0	0	2	2	2	2	1	1

Licensee Comments: none

### RETS/ODCM Radiological Effluent



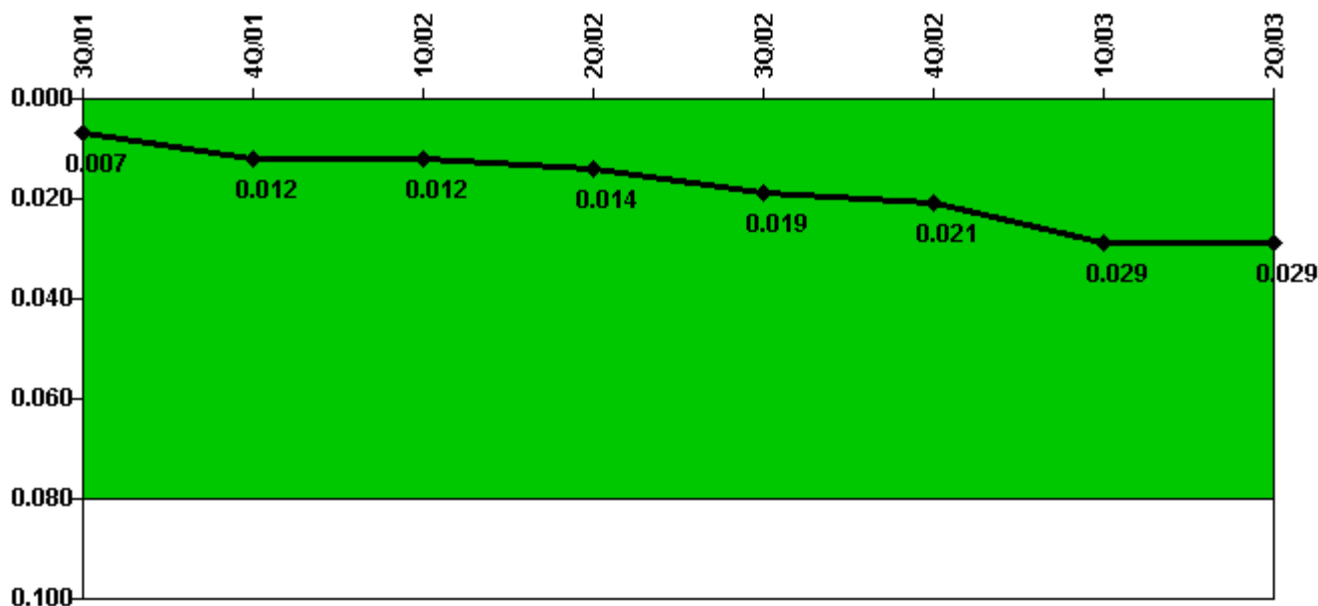
Thresholds: White > 1.0 Yellow > 3.0

#### Notes

RETS/ODCM Radiological Effluent	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
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

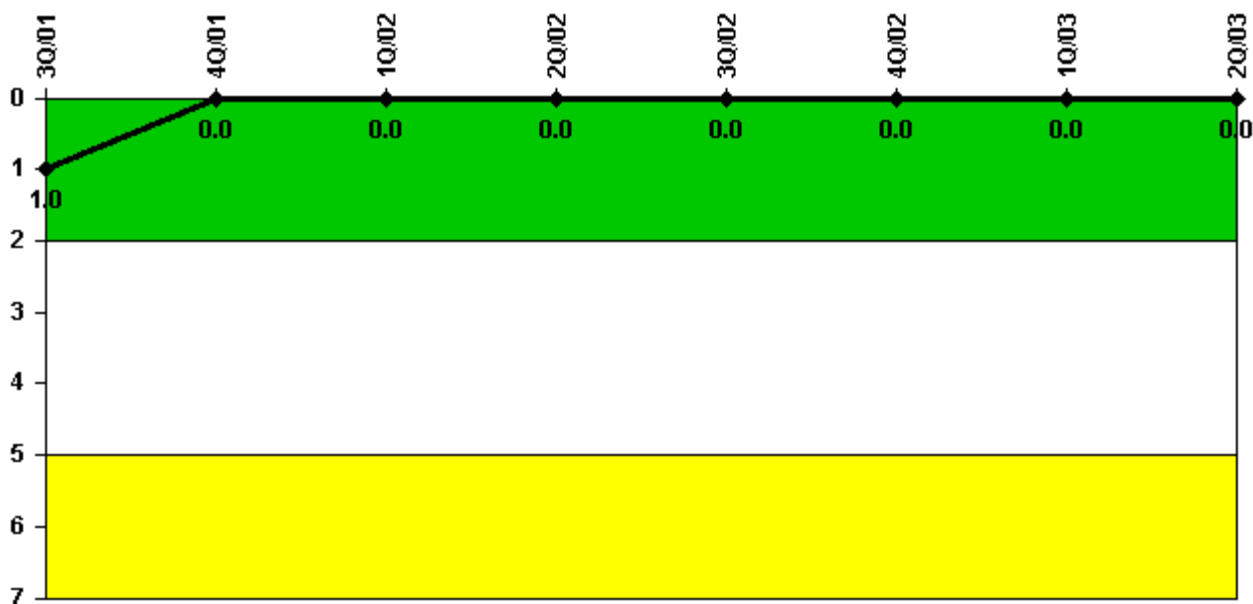
#### Notes

Protected Area Security Performance Index	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
IDS compensatory hours	41.40	99.20	37.30	61.00	130.60	144.20	173.40	15.00
CCTV compensatory hours	0	7.0	0	0	0	0	3.0	50.0
IDS normalization factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.007	0.012	0.012	0.014	0.019	0.021	0.029	0.029

Licensee Comments: none



### Personnel Screening Program



Thresholds: White > 2.0 Yellow > 5.0

#### Notes

Personnel Screening Program	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Program failures	0	0	0	0	0	0	0	0
Indicator value	1	0	0	0	0	0	0	0

Licensee Comments: none

### FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

#### Notes

FFD/Personnel Reliability	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Program Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

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Last Modified: July 22, 2003