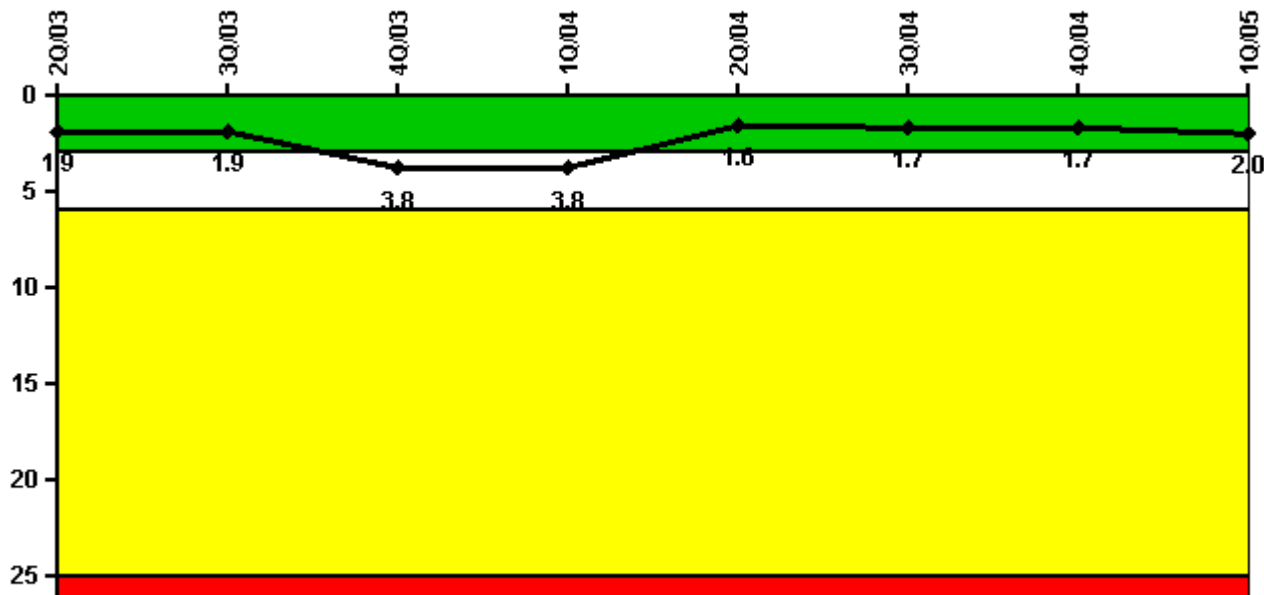


## Saint Lucie 2

### 1Q/2005 Performance Indicators

Licensee's General Comments: none

#### Unplanned Scrams per 7000 Critical Hrs



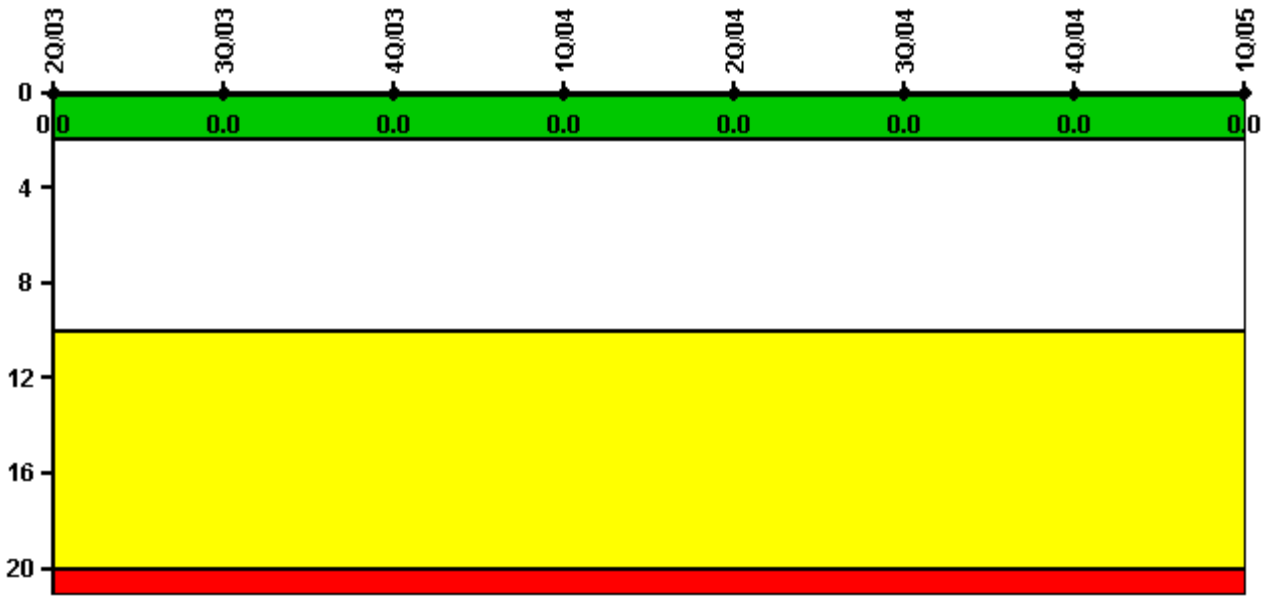
**Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0**

#### Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Unplanned scrams	2.0	0	2.0	0	0	0	2.0	0
Critical hours	841.2	2208.0	2068.8	2184.0	2183.0	1750.1	1984.6	1181.7
Indicator value	1.9	1.9	3.8	3.8	1.6	1.7	1.7	2.0

Licensee Comments: none

### Scrams with Loss of Normal Heat Removal



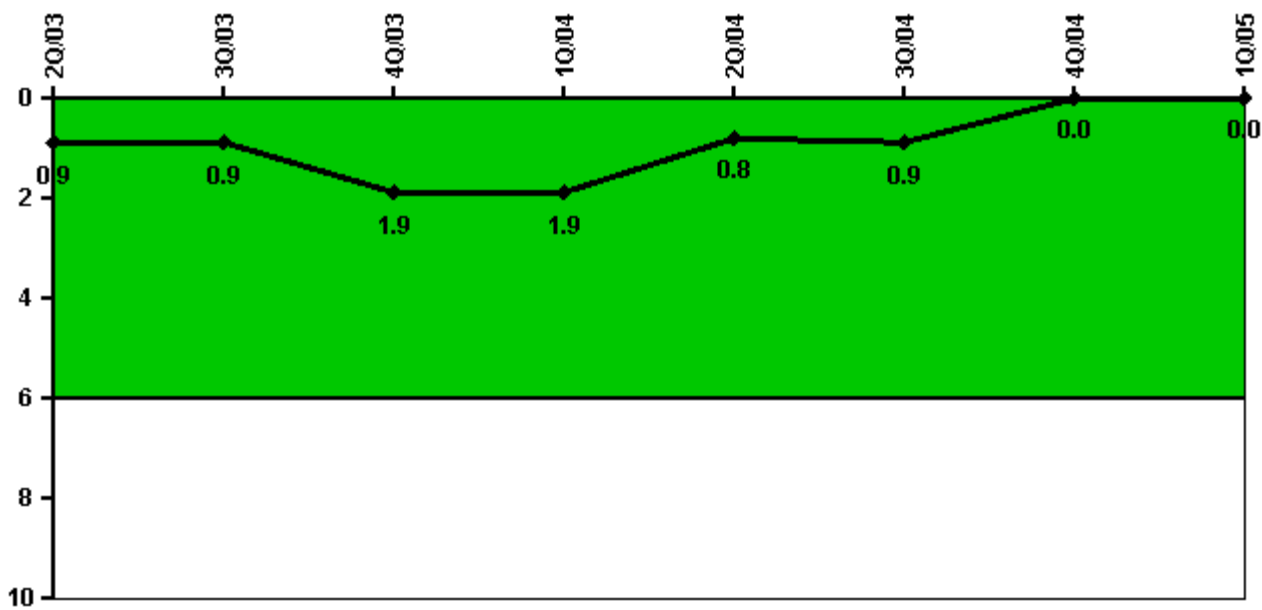
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

#### Notes

Scrams with Loss of Normal Heat Removal	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
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



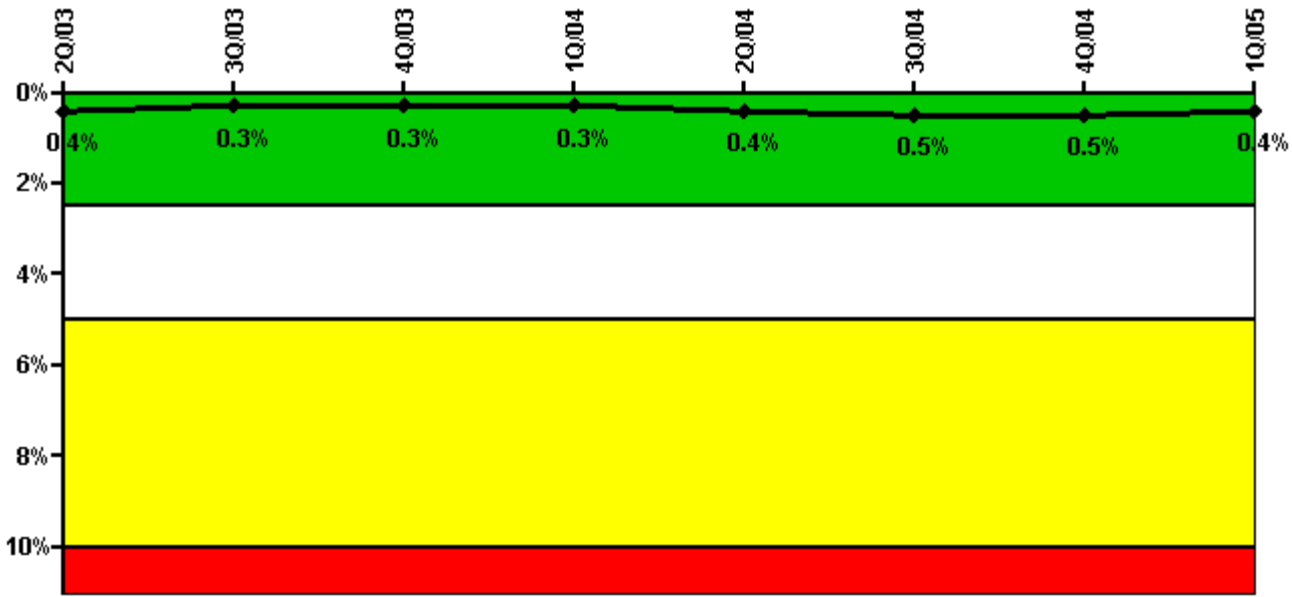
Thresholds: White > 6.0

#### Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Unplanned power changes	1.0	0	1.0	0	0	0	0	0
Critical hours	841.2	2208.0	2068.8	2184.0	2183.0	1750.1	1984.6	1181.7
Indicator value	0.9	0.9	1.9	1.9	0.8	0.9	0	0

Licensee Comments: none

### Safety System Unavailability, Emergency AC Power



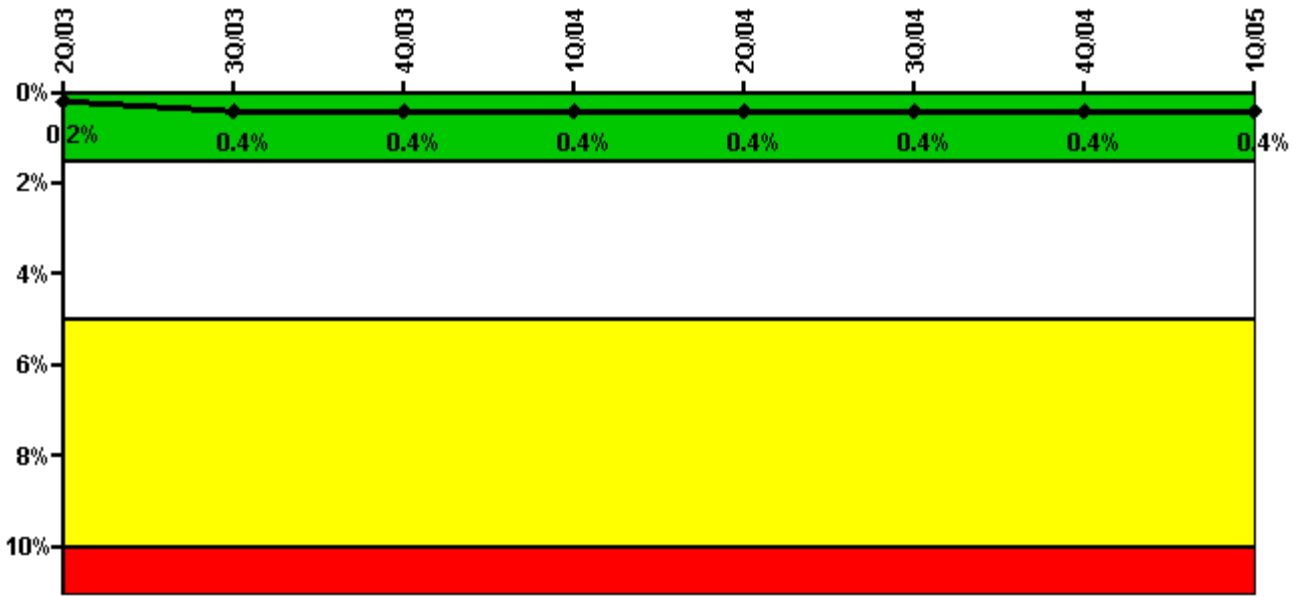
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

#### Notes

Safety System Unavailability, Emergency AC Power	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
<b>Train 1</b>								
Planned unavailable hours	3.90	6.50	6.01	6.80	6.30	10.00	5.70	3.60
Unplanned unavailable hours	0	0	0	0	38.30	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	1697.20	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	1758.00
<b>Train 2</b>								
Planned unavailable hours	4.30	7.20	7.27	7.50	5.60	6.60	9.20	4.50
Unplanned unavailable hours	0	8.20	0	6.20	8.80	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	1697.20	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	1758.00
<b>Indicator value</b>	<b>0.4%</b>	<b>0.3%</b>	<b>0.3%</b>	<b>0.3%</b>	<b>0.4%</b>	<b>0.5%</b>	<b>0.5%</b>	<b>0.4%</b>

Licensee Comments: none

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



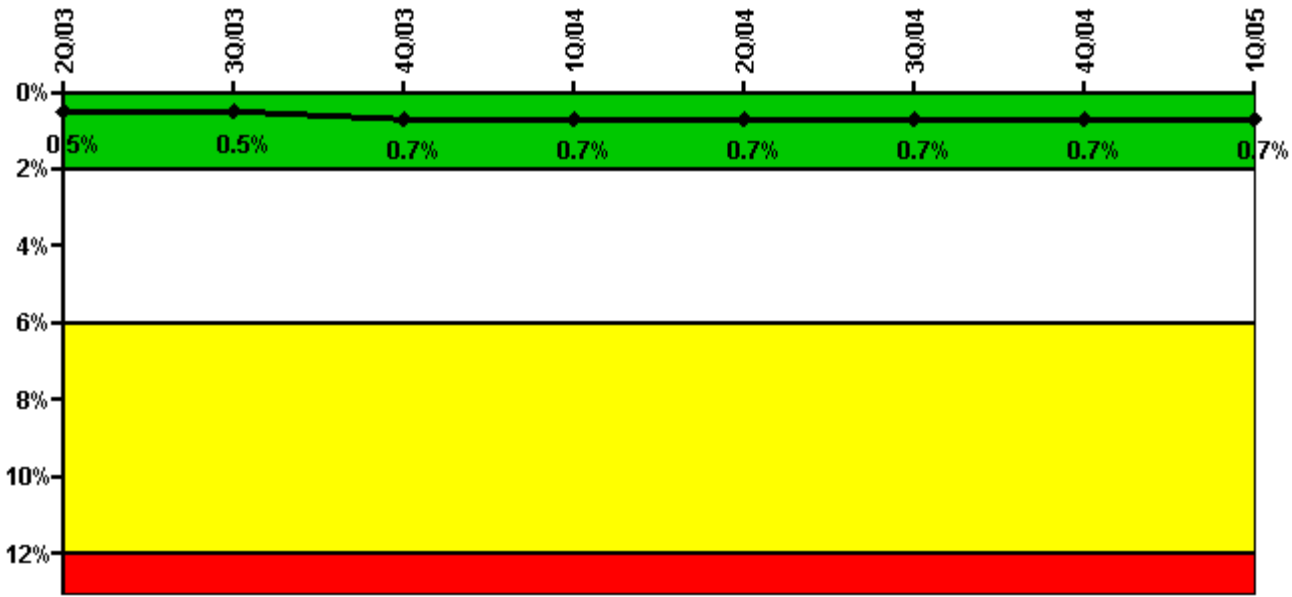
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

**Notes**

Safety System Unavailability, High Pressure Injection System (HPSI)	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
<b>Train 1</b>								
Planned unavailable hours	6.10	29.40	0.60	0.40	0.40	0.60	21.40	0.10
Unplanned unavailable hours	0	23.30	0	0	0	0	2.30	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	1132.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	1356.20
<b>Train 2</b>								
Planned unavailable hours	2.40	32.80	0.30	0.40	3.00	2.30	28.80	0.90
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	1132.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	1356.20
<b>Indicator value</b>	<b>0.2%</b>	<b>0.4%</b>	<b>0.4%</b>	<b>0.4%</b>	<b>0.4%</b>	<b>0.4%</b>	<b>0.4%</b>	<b>0.4%</b>

Licensee Comments: none

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



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

#### Notes

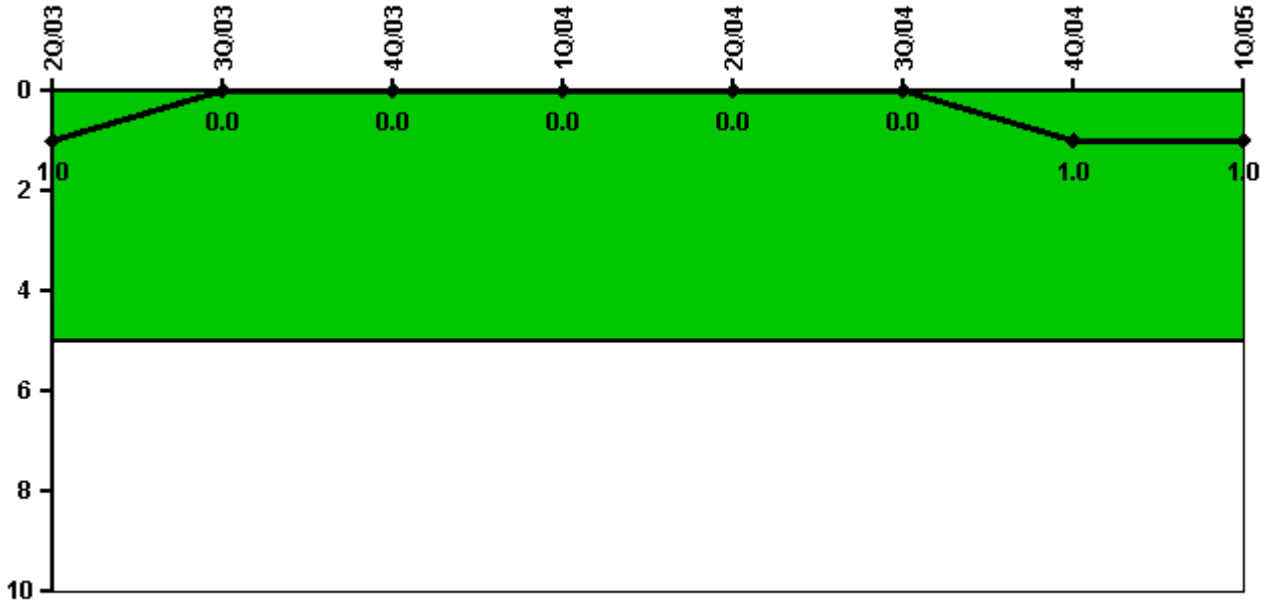
Safety System Unavailability, Heat Removal System (AFW)	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
<b>Train 1</b>								
Planned unavailable hours	2.40	1.50	12.50	3.20	13.60	5.60	6.50	2.90
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1180.90	2208.00	2209.00	2184.00	2183.00	1882.00	2149.00	1323.00
<b>Train 2</b>								
Planned unavailable hours	2.30	10.00	1.40	1.80	1.40	14.70	3.00	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	1180.90	2208.00	2209.00	2184.00	2183.00	1882.00	2149.00	1323.00
<b>Train 3</b>								
Planned unavailable hours	2.20	7.70	14.60	12.30	8.70	31.50	23.00	11.50
Unplanned unavailable hours	62.70	0	125.40	0	0	9.80	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	1180.90	2208.00	2209.00	2184.00	2183.00	1882.00	2149.00	1323.00
<b>Indicator value</b>	<b>0.5%</b>	<b>0.5%</b>	<b>0.7%</b>	<b>0.7%</b>	<b>0.7%</b>	<b>0.7%</b>	<b>0.7%</b>	<b>0.7%</b>

Licensee Comments: none



Licensee Comments: none

### Safety System Functional Failures (PWR)



Thresholds: White > 5.0

### Notes

Safety System Functional Failures (PWR)	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Safety System Functional Failures	0	0	0	0	0	0	1	0
Indicator value	1	0	0	0	0	0	1	1

Licensee Comments: none



### Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

#### Notes

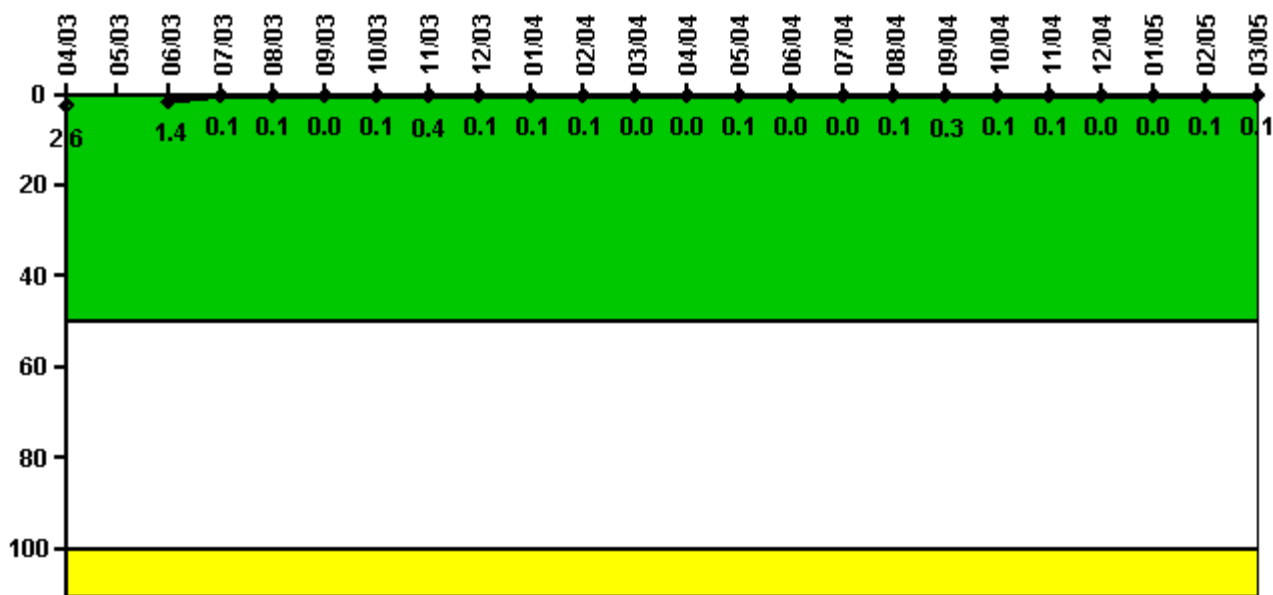
Reactor Coolant System Activity	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04
Maximum activity	0.003190	N/A	0.000944	0.001140	0.001040	0.001170	0.001200	0.001100	0.001260	0.001110	0.001150	0.001130
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.3	N/A	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Reactor Coolant System Activity	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05
Maximum activity	0.001300	0.001440	0.001350	0.001770	0.001140	0.001010	0.001150	0.001150	0.002140	N/A	0.000735	0.001230
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	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.2	N/A	0.1	0.1

Licensee Comments: none

### Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

#### Notes

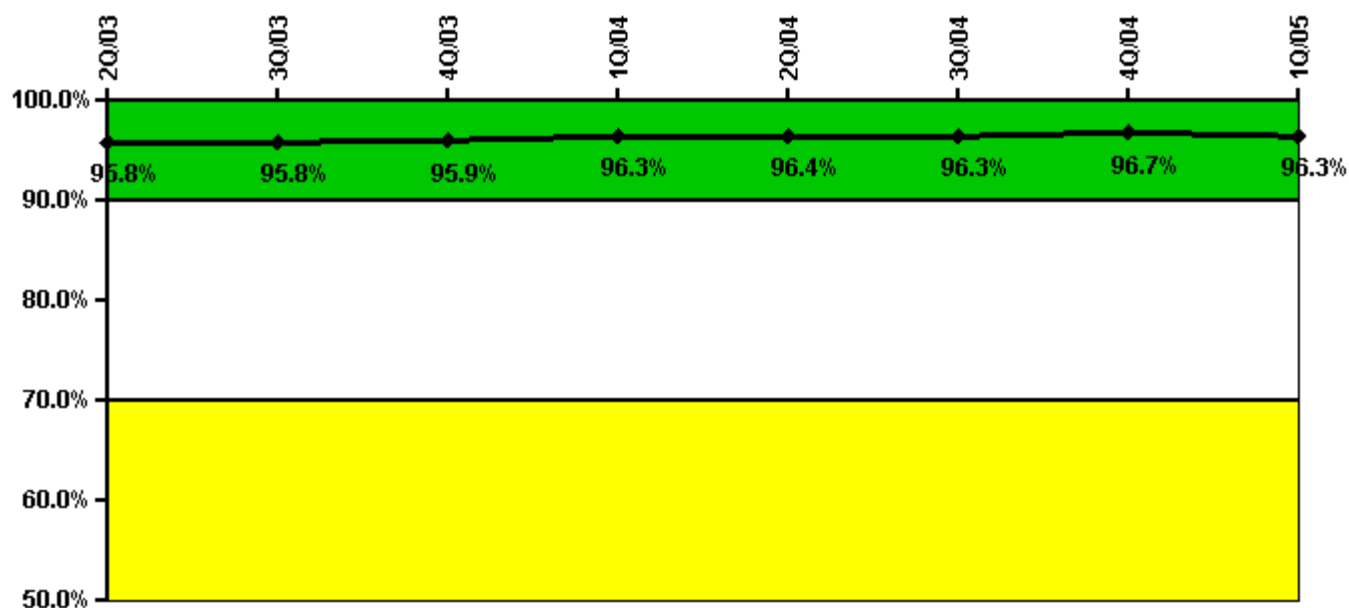
Reactor Coolant System Leakage	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04
Maximum leakage	0.260	N/A	0.135	0.007	0.010	0.004	0.005	0.039	0.010	0.010	0.010	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.6	N/A	1.4	0.1	0.1	0	0.1	0.4	0.1	0.1	0.1	0

Reactor Coolant System Leakage	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05
Maximum leakage	0	0.010	0	0.003	0.008	0.030	0.010	0.010	0	0	0.010	0.010
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	0	0.1	0	0	0.1	0.3	0.1	0.1	0	0	0.1	0.1

Licensee Comments: none

### Drill/Exercise Performance



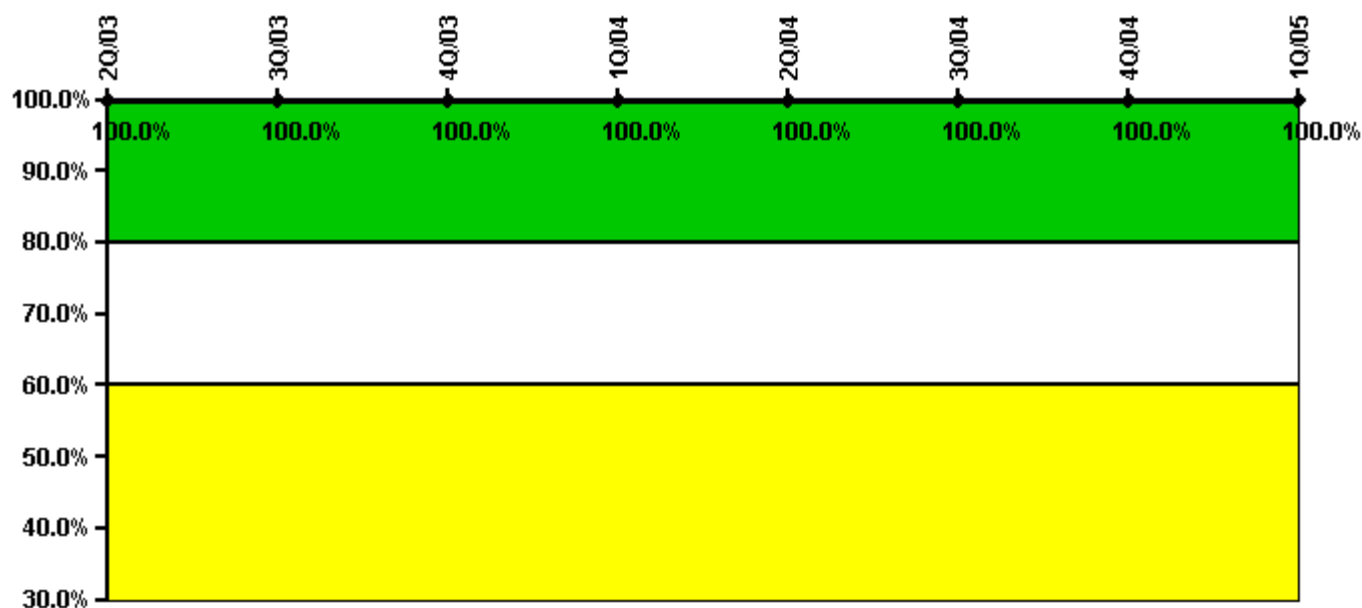
Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

Drill/Exercise Performance	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Successful opportunities	48.0	80.0	67.0	50.0	47.0	60.0	28.0	39.0
Total opportunities	50.0	83.0	70.0	51.0	49.0	63.0	28.0	41.0
Indicator value	95.8%	95.8%	95.9%	96.3%	96.4%	96.3%	96.7%	96.3%

Licensee Comments: none

### ERO Drill Participation



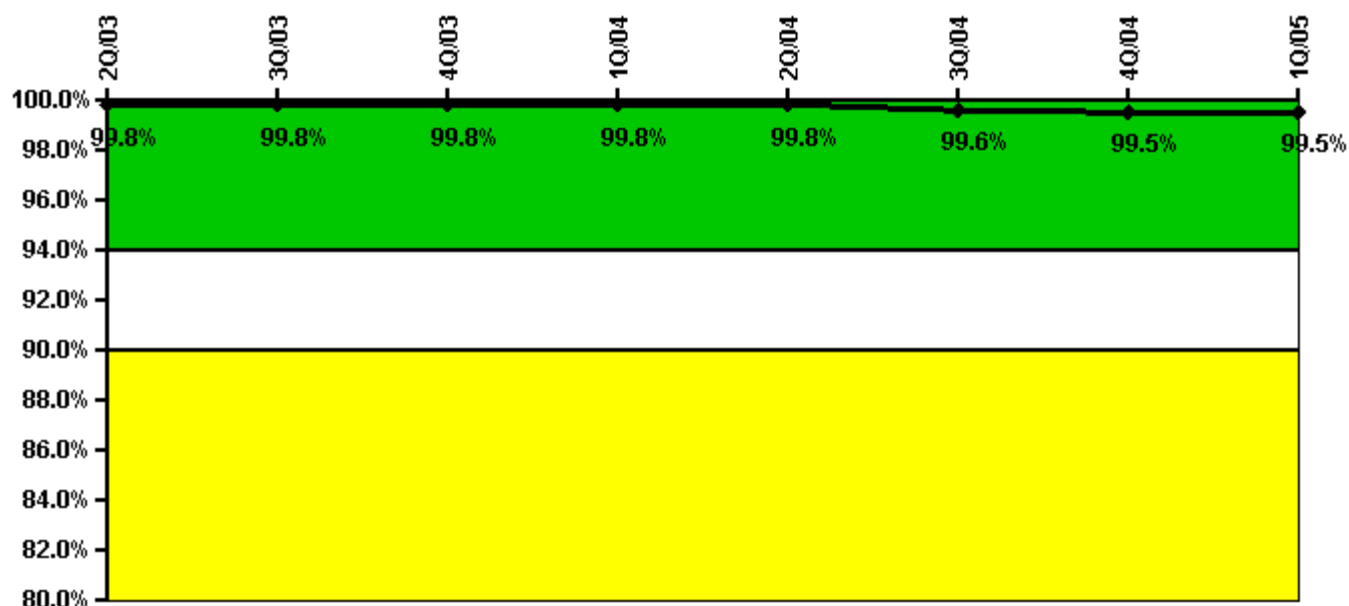
**Thresholds: White < 80.0% Yellow < 60.0%**

**Notes**

ERO Drill Participation	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Participating Key personnel	84.0	81.0	74.0	77.0	85.0	86.0	86.0	89.0
Total Key personnel	84.0	81.0	74.0	77.0	85.0	86.0	86.0	89.0
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/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Successful siren-tests	533	710	533	712	622	614	621	712
Total sirens-tests	534	712	534	712	623	623	623	712
Indicator value	99.8%	99.8%	99.8%	99.8%	99.8%	99.6%	99.5%	99.5%

Licensee Comments:

3Q/04: Minor correction made to the September value for successful siren tests. The value decreased from 172 to 170.

### Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

#### Notes

Occupational Exposure Control Effectiveness	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
High radiation area occurrences	0	0	0	0	0	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
<b>Indicator value</b>	<b>0</b>	<b>0</b>	<b>0</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/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

[Physical Protection](#) information not publicly available.

▲ [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: June 17, 2005