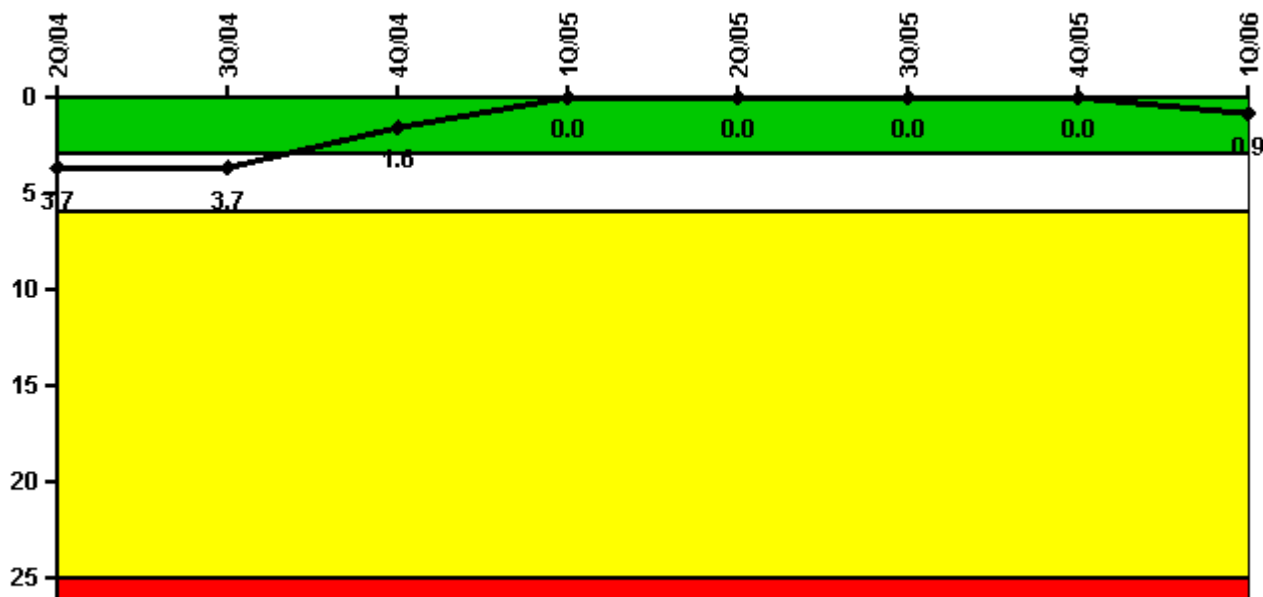


## Millstone 2

### 1Q/2006 Performance Indicators

Licensee's General Comments: none

#### Unplanned Scrams per 7000 Critical Hrs



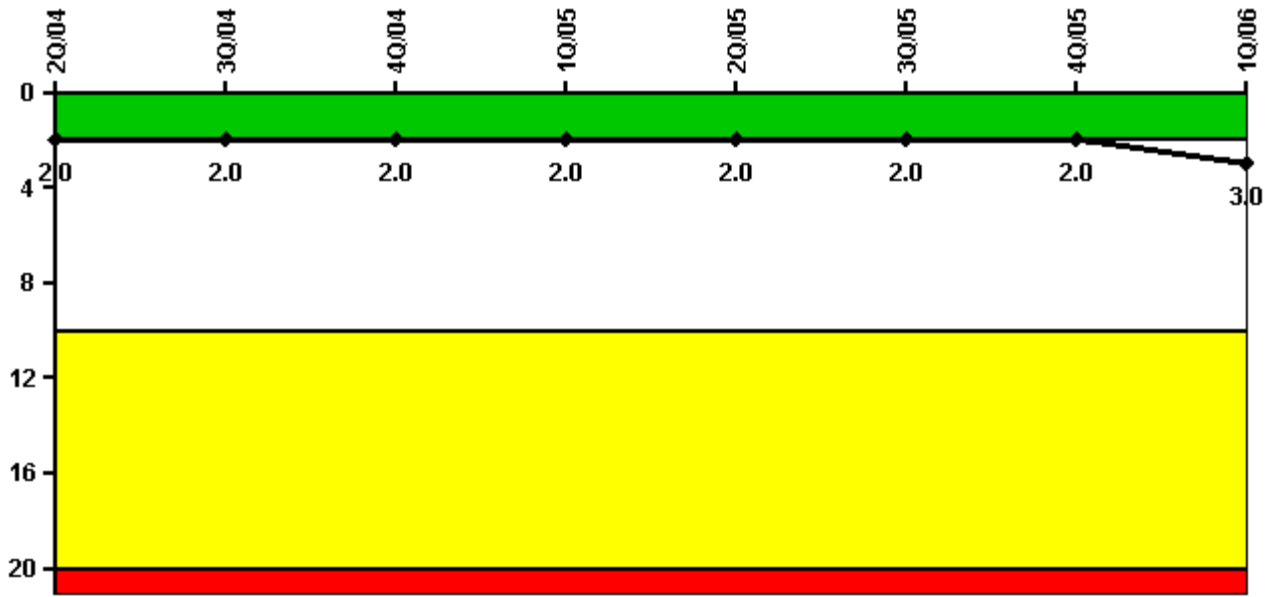
**Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0**

#### Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Unplanned scrams	0	0	0	0	0	0	0	1.0
Critical hours	2183.0	2208.0	2209.0	2160.0	1255.4	2208.0	2209.0	2127.8
Indicator value	3.7	3.7	1.6	0	0	0	0	0.9

Licensee Comments: none

### Scrams with Loss of Normal Heat Removal



Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

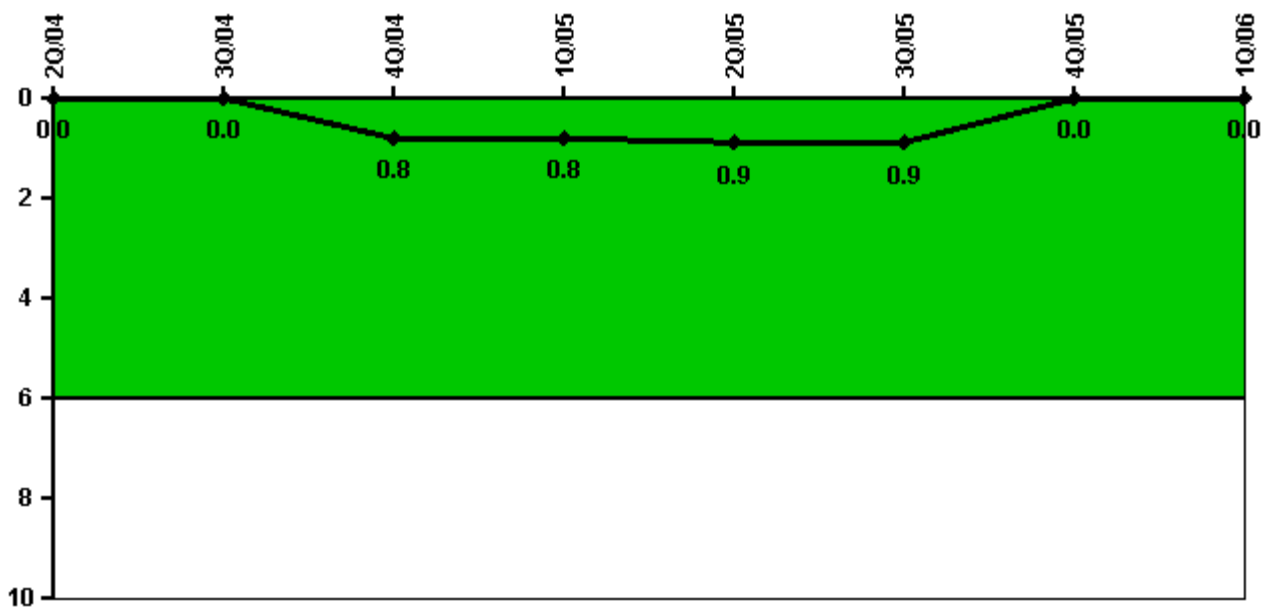
#### Notes

Scrams with Loss of Normal Heat Removal	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Scrams	0	0	0	0	0	0	0	1.0
Indicator value	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0

#### Licensee Comments:

1Q/06: On February 23, 2006, Unit 2 was manually tripped from 100% power due to a trip of the "A" and "B" main feedwater pumps on low suction pressure following a partial loss of instrument air in the turbine building. This was the third SCRAM With the Loss of Normal Heat Removal and has caused this indicator to cross the GREEN/WHITE threshold. The two previous occurrences were on November 28, 2003, and March 6, 2004.

### Unplanned Power Changes per 7000 Critical Hrs



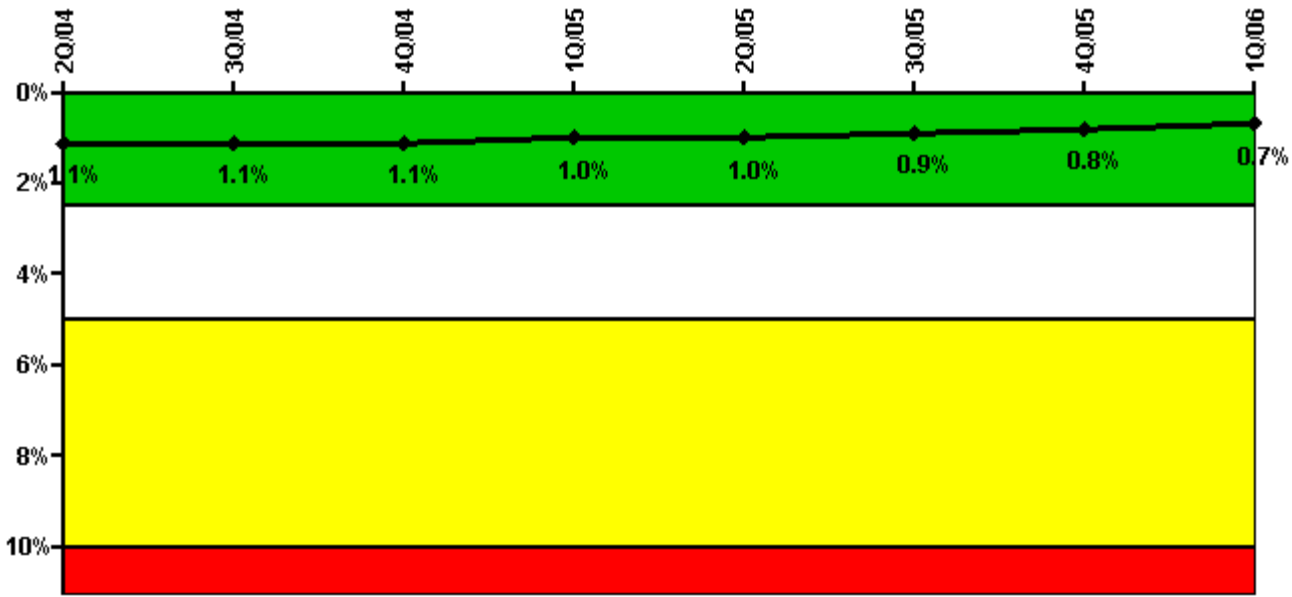
Thresholds: White > 6.0

#### Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Unplanned power changes	0	0	1.0	0	0	0	0	0
Critical hours	2183.0	2208.0	2209.0	2160.0	1255.4	2208.0	2209.0	2127.8
Indicator value	0	0	0.8	0.8	0.9	0.9	0	0

Licensee Comments: none

### Safety System Unavailability, Emergency AC Power



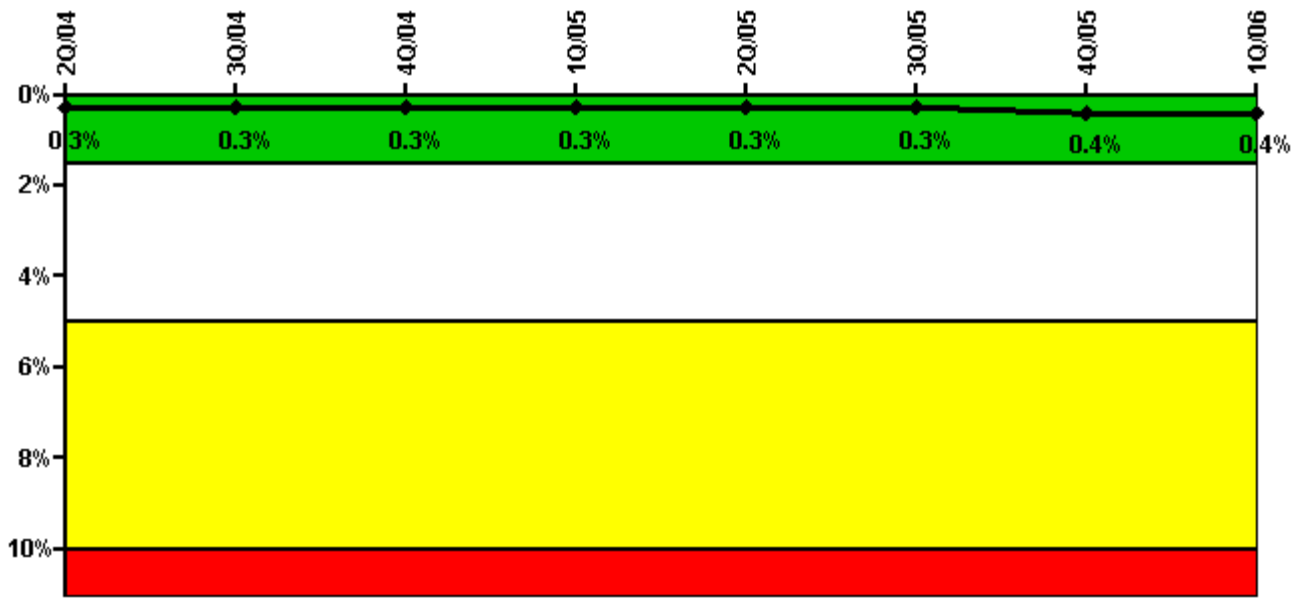
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

#### Notes

Safety System Unavailability, Emergency AC Power	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
<b>Train 1</b>								
Planned unavailable hours	8.20	6.26	18.11	5.31	6.19	11.76	40.30	4.34
Unplanned unavailable hours	7.18	0	0	0	0	0	1.15	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	1866.97	2208.00	2209.00	2160.00
<b>Train 2</b>								
Planned unavailable hours	7.57	7.29	30.84	5.07	6.26	18.38	5.14	4.00
Unplanned unavailable hours	0	11.32	0	0	0	0	0.68	0.20
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	1631.03	2208.00	2209.00	2160.00
<b>Indicator value</b>	<b>1.1%</b>	<b>1.1%</b>	<b>1.1%</b>	<b>1.0%</b>	<b>1.0%</b>	<b>0.9%</b>	<b>0.8%</b>	<b>0.7%</b>

Licensee Comments: none

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



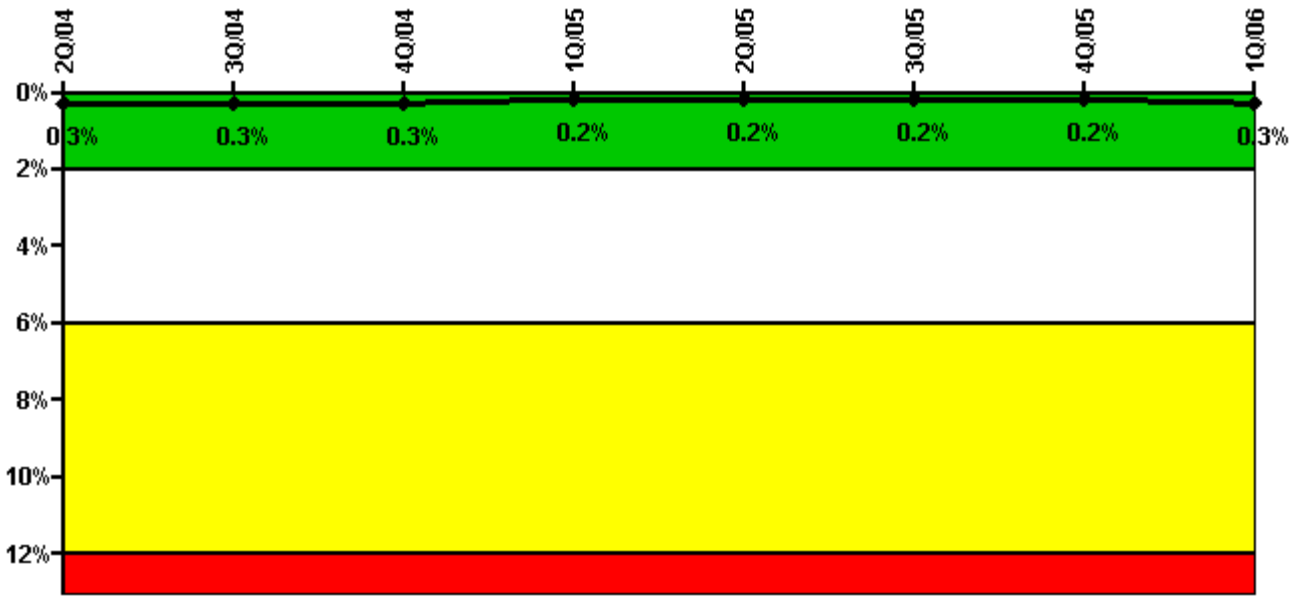
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

#### Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
<b>Train 1</b>								
Planned unavailable hours	1.60	0.27	4.83	4.67	3.50	35.96	24.98	9.20
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	1315.96	2208.00	2209.00	2160.00
<b>Train 2</b>								
Planned unavailable hours	1.10	0.49	5.39	2.68	4.43	3.94	18.93	0.73
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	1315.96	2208.00	2209.00	2160.00
<b>Indicator value</b>	<b>0.3%</b>	<b>0.3%</b>	<b>0.3%</b>	<b>0.3%</b>	<b>0.3%</b>	<b>0.3%</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

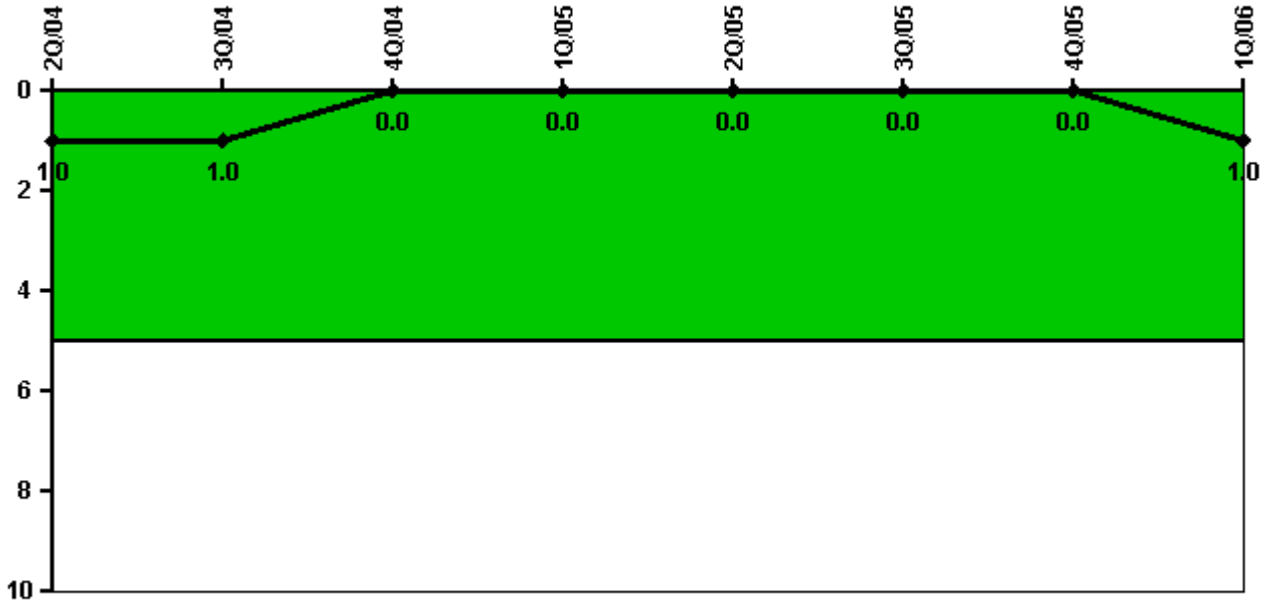
Safety System Unavailability, Heat Removal System (AFW)	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
<b>Train 1</b>								
Planned unavailable hours	0	0	0	0	0	14.03	0.50	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	1303.02	2208.00	2209.00	2160.00
<b>Train 2</b>								
Planned unavailable hours	0	0	4.68	0	0	5.33	16.00	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	2183.00	2208.00	2209.00	2160.00	1303.02	2208.00	2209.00	2160.00
<b>Train 3</b>								
Planned unavailable hours	0	0	12.25	0	0	0	0	19.15
Unplanned unavailable hours	0	0	0	0	0	0	0	48.15
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	1303.02	2208.00	2209.00	2160.00
<b>Indicator value</b>	<b>0.3%</b>	<b>0.3%</b>	<b>0.3%</b>	<b>0.2%</b>	<b>0.2%</b>	<b>0.2%</b>	<b>0.2%</b>	<b>0.3%</b>

Licensee Comments: none



Licensee Comments: none

### Safety System Functional Failures (PWR)



Thresholds: White > 5.0

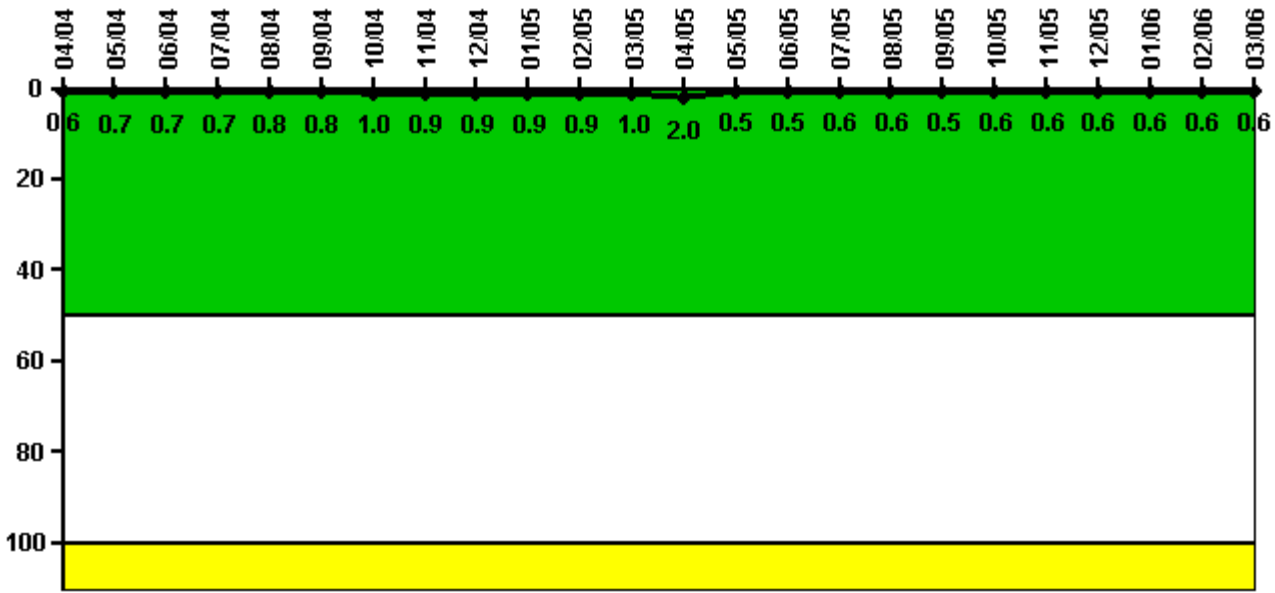
### Notes

Safety System Functional Failures (PWR)	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Safety System Functional Failures	0	0	0	0	0	0	0	1
Indicator value	1	1	0	0	0	0	0	1

Licensee Comments: none



### Reactor Coolant System Activity



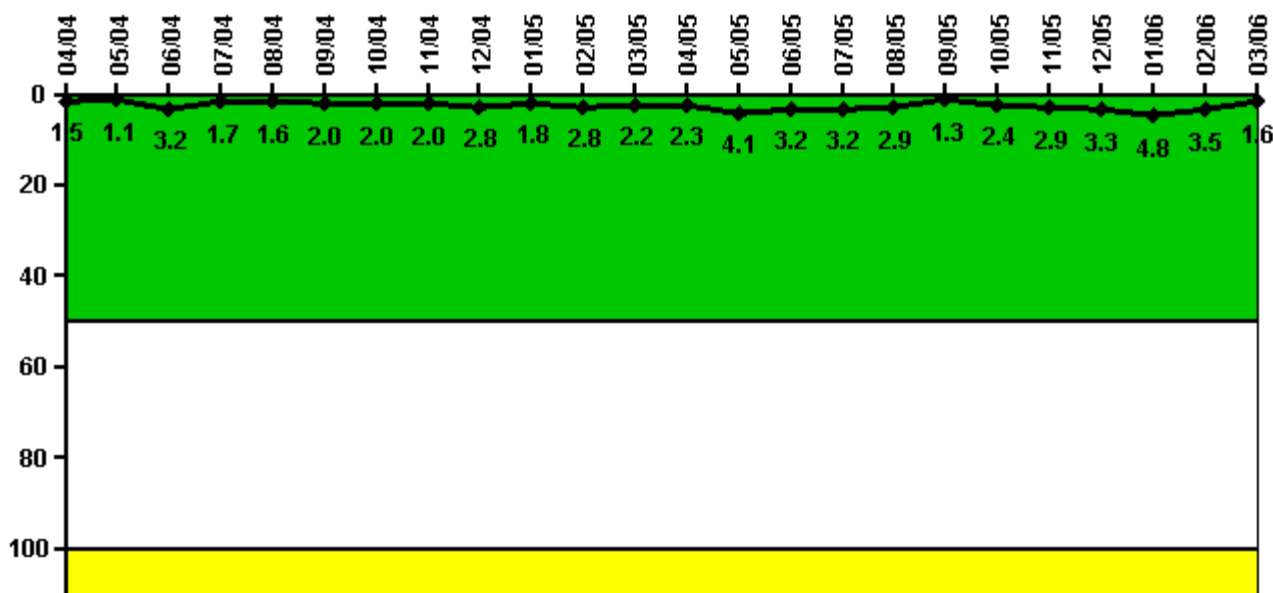
Thresholds: White > 50.0 Yellow > 100.0

#### Notes

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	0.006140	0.006770	0.006980	0.007270	0.007640	0.008190	0.010200	0.008570	0.008750	0.009100	0.009450	0.009580
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	0.6	0.7	0.7	0.7	0.8	0.8	1.0	0.9	0.9	0.9	0.9	1.0
Reactor Coolant System Activity	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06
Maximum activity	0.020300	0.004560	0.005440	0.005700	0.005500	0.005410	0.006220	0.005770	0.006120	0.006190	0.006460	0.006470
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	2.0	0.5	0.5	0.6	0.6	0.5	0.6	0.6	0.6	0.6	0.6	0.6

Licensee Comments: none

### Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

#### Notes

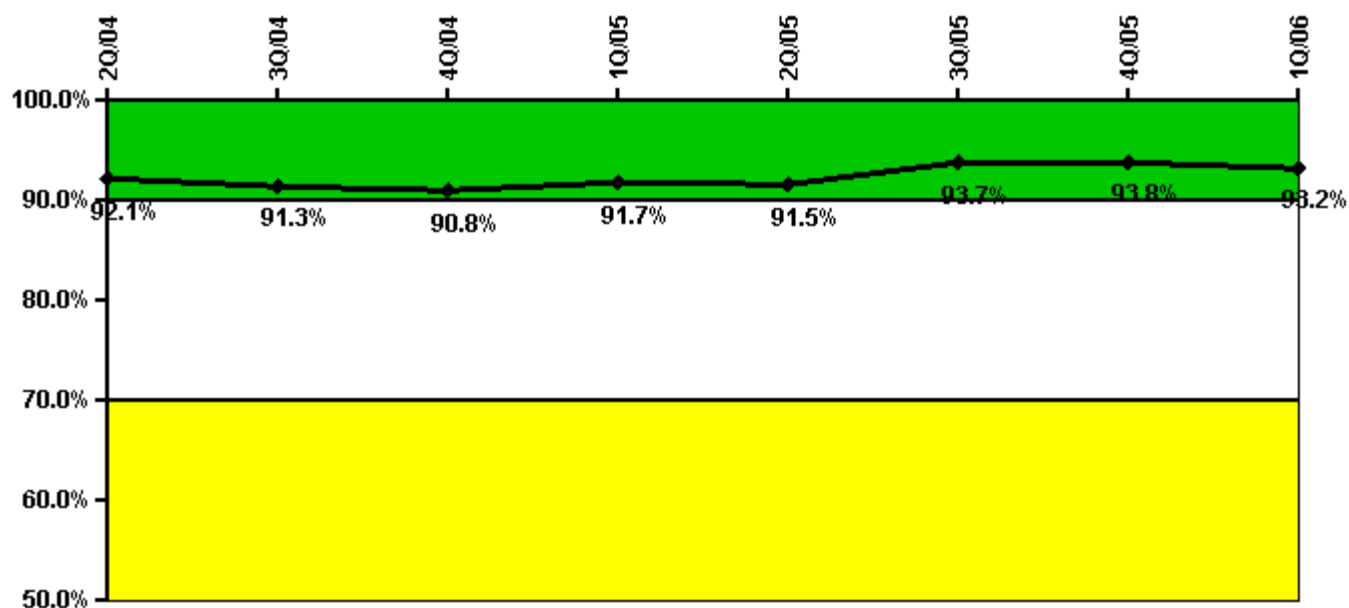
Reactor Coolant System Leakage	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05
Maximum leakage	0.148	0.111	0.319	0.169	0.164	0.195	0.199	0.204	0.280	0.183	0.279	0.217
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.5	1.1	3.2	1.7	1.6	2.0	2.0	2.0	2.8	1.8	2.8	2.2

Reactor Coolant System Leakage	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06
Maximum leakage	0.234	0.407	0.322	0.316	0.289	0.130	0.241	0.285	0.325	0.477	0.347	0.162
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	2.3	4.1	3.2	3.2	2.9	1.3	2.4	2.9	3.3	4.8	3.5	1.6

Licensee Comments: none

### Drill/Exercise Performance



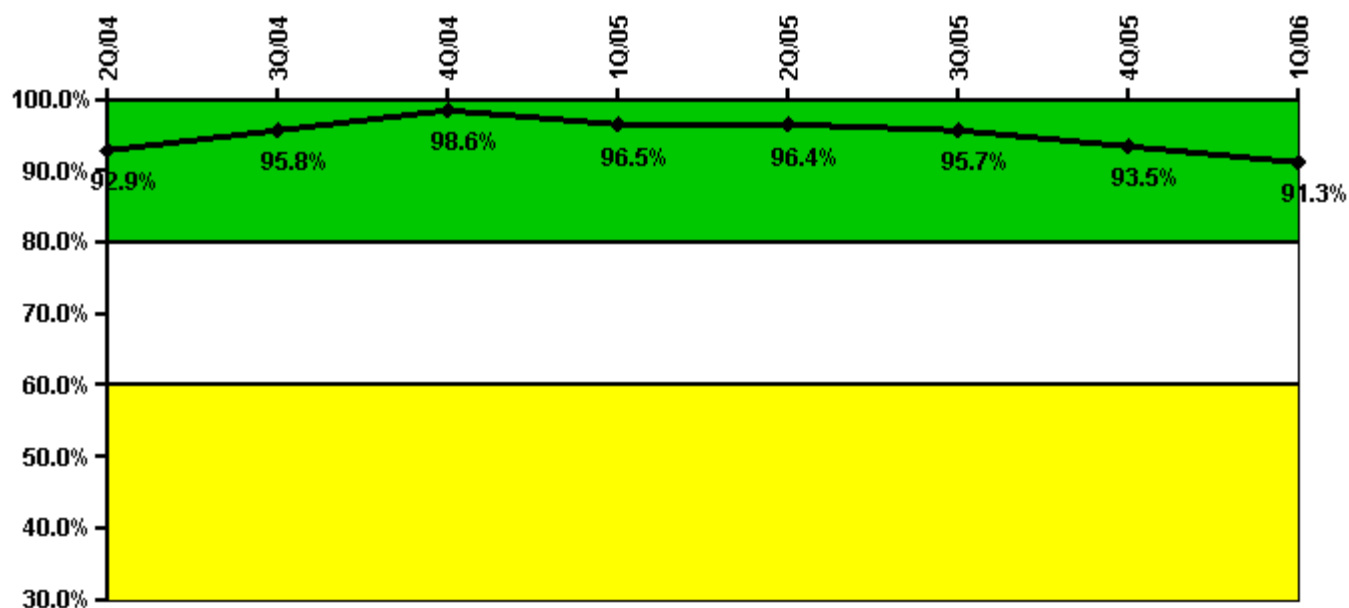
Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

Drill/Exercise Performance	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Successful opportunities	11.0	54.0	85.0	30.0	26.0	67.0	0	17.0
Total opportunities	16.0	59.0	93.0	30.0	27.0	67.0	0	19.0
Indicator value	92.1%	91.3%	90.8%	91.7%	91.5%	93.7%	93.8%	93.2%

Licensee Comments: none

### ERO Drill Participation



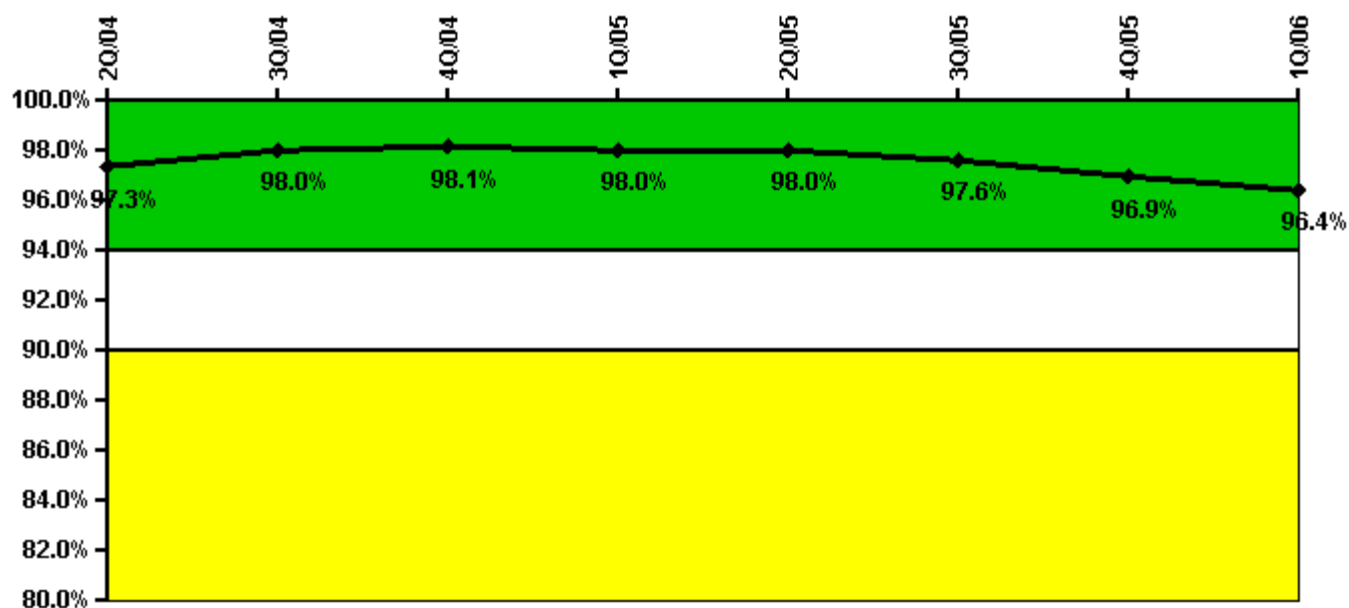
Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

ERO Drill Participation	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Participating Key personnel	131.0	138.0	141.0	136.0	132.0	132.0	130.0	136.0
Total Key personnel	141.0	144.0	143.0	141.0	137.0	138.0	139.0	149.0
Indicator value	92.9%	95.8%	98.6%	96.5%	96.4%	95.7%	93.5%	91.3%

Licensee Comments: none

### Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

#### Notes

Alert & Notification System	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Successful siren-tests	312	462	316	312	312	456	306	306
Total sirens-tests	318	477	318	318	318	477	318	318
Indicator value	97.3%	98.0%	98.1%	98.0%	98.0%	97.6%	96.9%	96.4%

Licensee Comments: none

### Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

#### Notes

Occupational Exposure Control Effectiveness	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
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/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
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: May 5, 2006