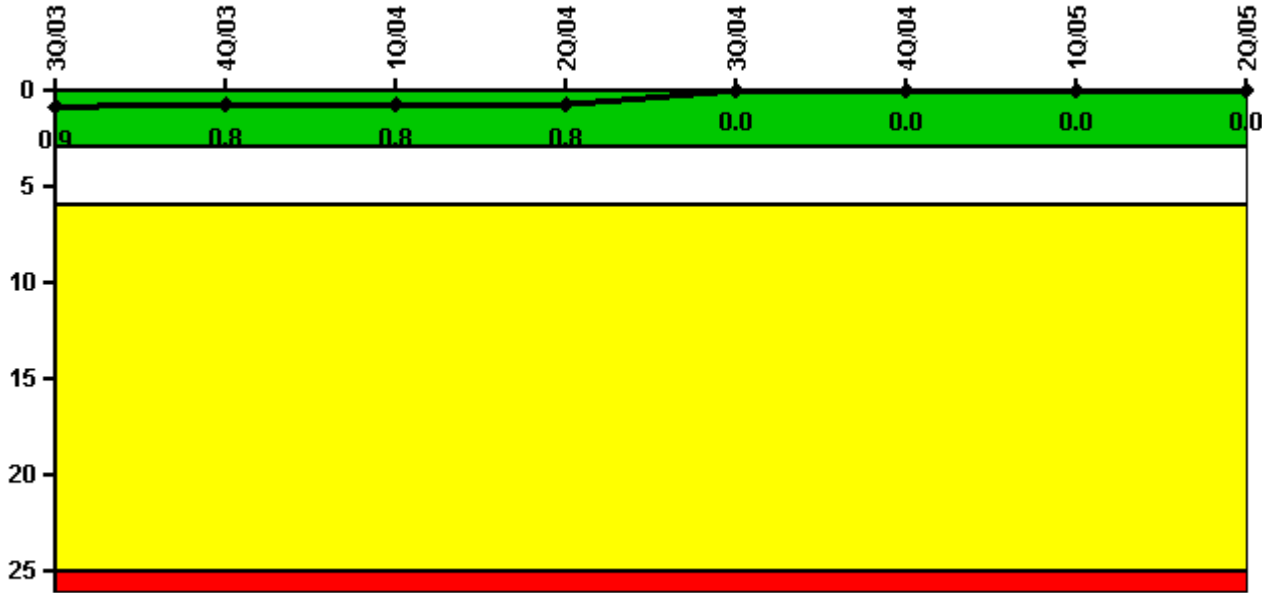


# FitzPatrick

## 2Q/2005 Performance Indicators

Licensee's General Comments: Revision was made to the 1st Quarter 2005 Emergency Planning Total Key personnel and Participating Key personnel numbers to correct the numbers from 63 to 62.

### Unplanned Scrams per 7000 Critical Hrs



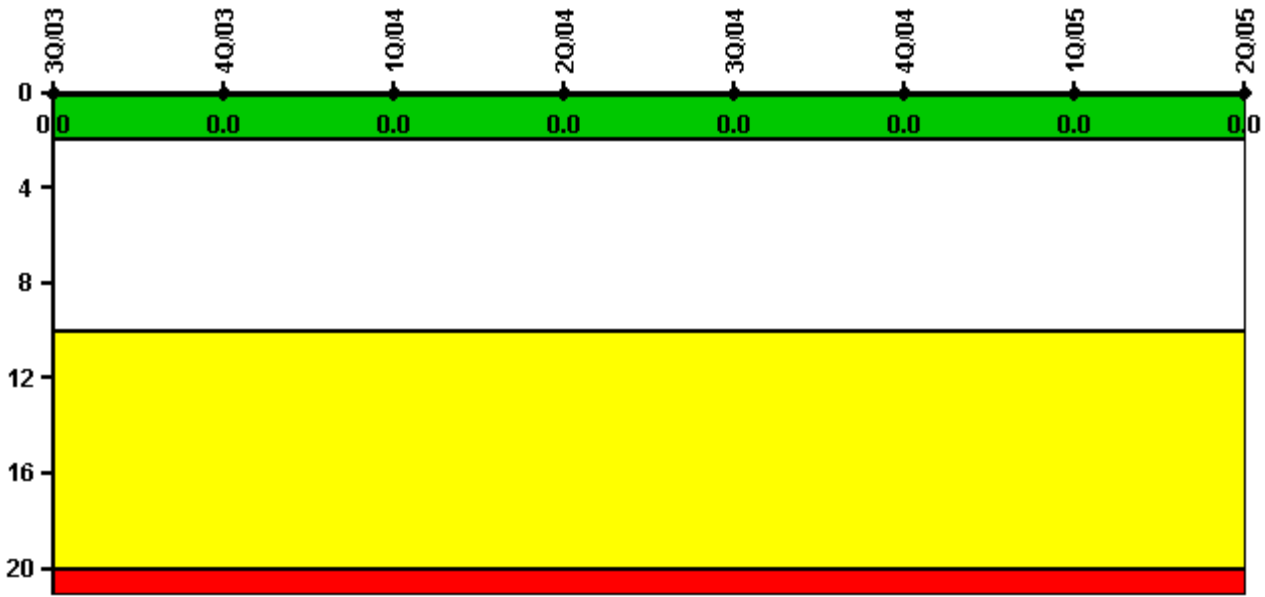
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Unplanned scrams	1.0	0	0	0	0	0	0	0
Critical hours	2135.9	2209.0	2184.0	2183.0	2055.9	1664.9	2160.0	2183.0
Indicator value	0.9	0.8	0.8	0.8	0	0	0	0

Licensee Comments: none

### Scrams with Loss of Normal Heat Removal



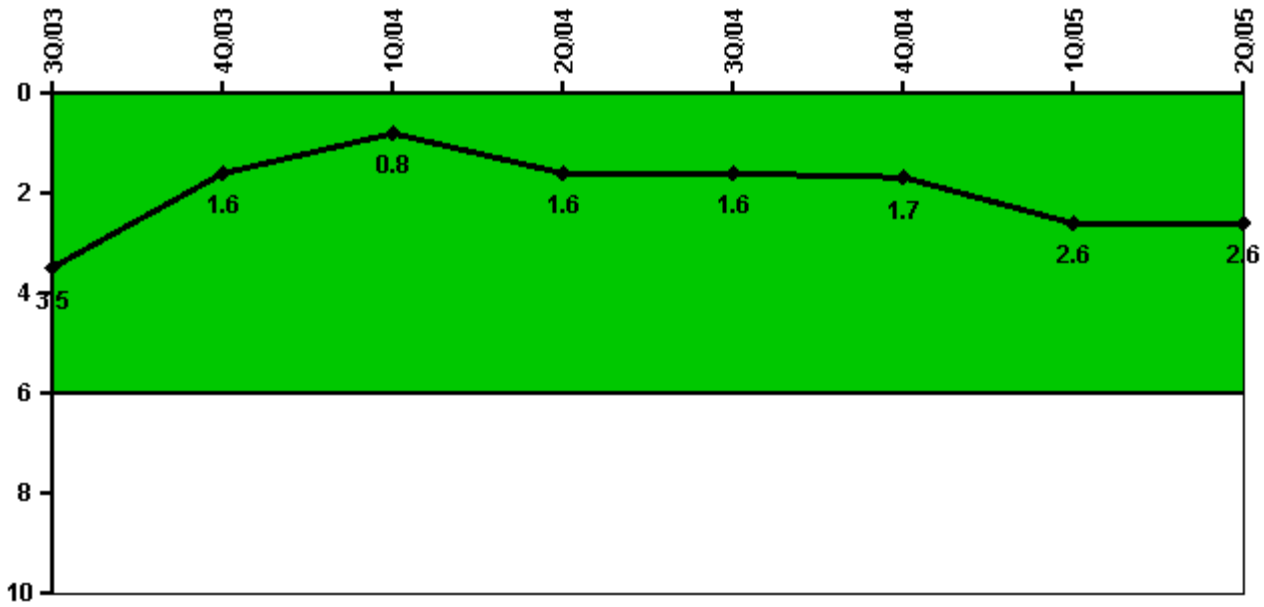
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

#### Notes

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



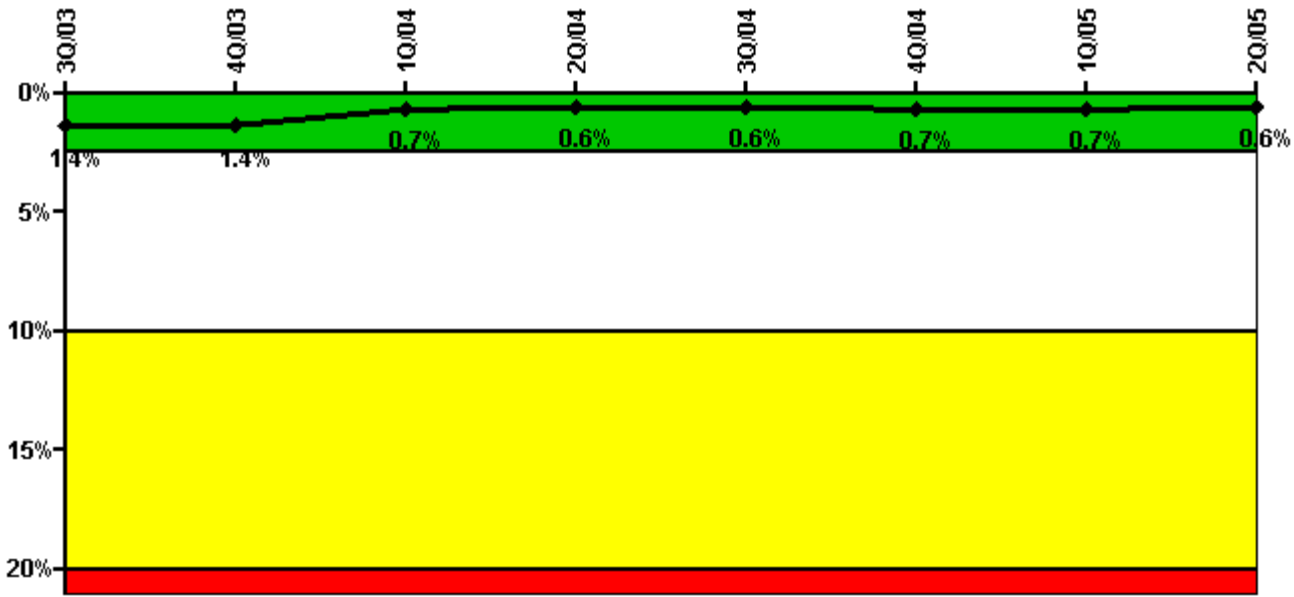
Thresholds: White > 6.0

#### Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Unplanned power changes	1.0	0	0	1.0	1.0	0	1.0	1.0
Critical hours	2135.9	2209.0	2184.0	2183.0	2055.9	1664.9	2160.0	2183.0
Indicator value	3.5	1.6	0.8	1.6	1.6	1.7	2.6	2.6

Licensee Comments: none

### Safety System Unavailability, Emergency AC Power, >2EDG



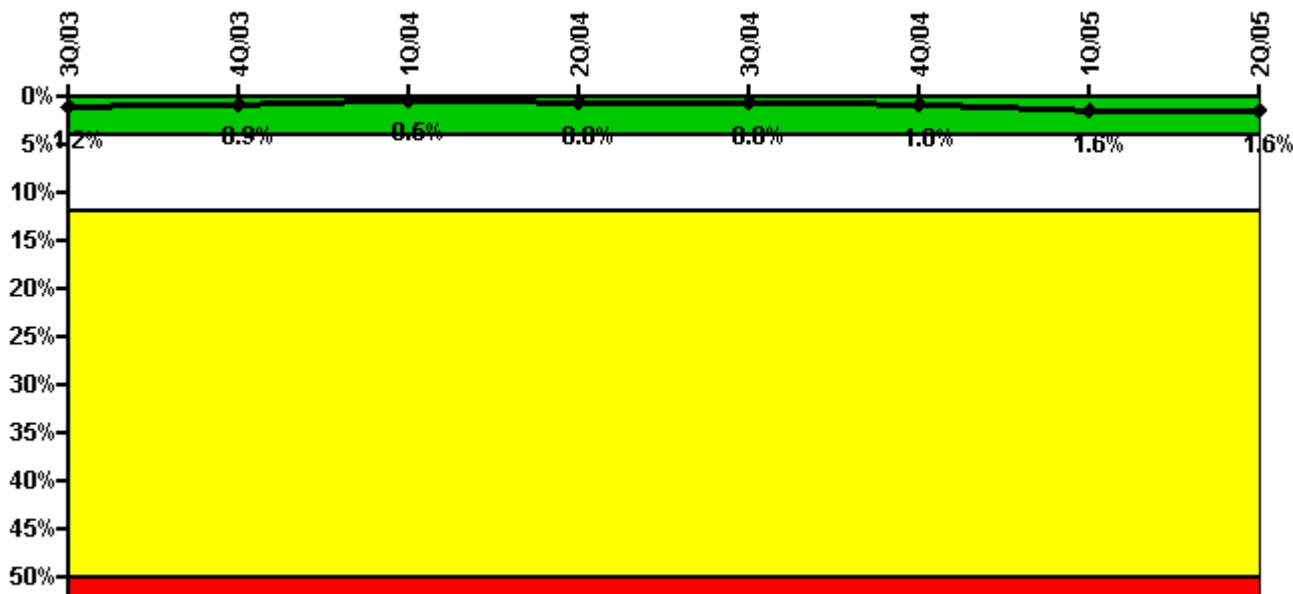
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

#### Notes

Safety System Unavailability, Emergency AC Power, >2EDG	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
<b>Train 1</b>								
Planned unavailable hours	5.66	6.52	5.03	59.24	11.28	3.83	6.44	5.09
Unplanned unavailable hours	0	0	0	9.08	0	0	0	7.93
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	2184.00	2183.00	2208.00	1869.07	2160.00	2183.00
<b>Train 2</b>								
Planned unavailable hours	4.82	16.76	5.01	4.93	19.46	35.12	4.99	4.80
Unplanned unavailable hours	1.65	10.20	0	0	17.67	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	2184.00	2183.00	2132.53	2006.50	2160.00	2183.00
<b>Train 3</b>								
Planned unavailable hours	5.69	6.27	4.75	14.90	5.70	18.47	25.79	5.09
Unplanned unavailable hours	0	0	0	0	0	0	23.02	36.93
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	2184.00	2183.00	2208.00	1869.07	2160.00	2183.00
<b>Train 4</b>								
Planned unavailable hours	4.82	6.56	5.01	4.93	19.59	4.95	4.99	4.80
Unplanned unavailable hours	1.65	0	0	0	34.62	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	2184.00	2183.00	2132.53	2006.50	2160.00	2183.00
<b>Indicator value</b>	<b>1.4%</b>	<b>1.4%</b>	<b>0.7%</b>	<b>0.6%</b>	<b>0.6%</b>	<b>0.7%</b>	<b>0.7%</b>	<b>0.6%</b>

Licensee Comments: none

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



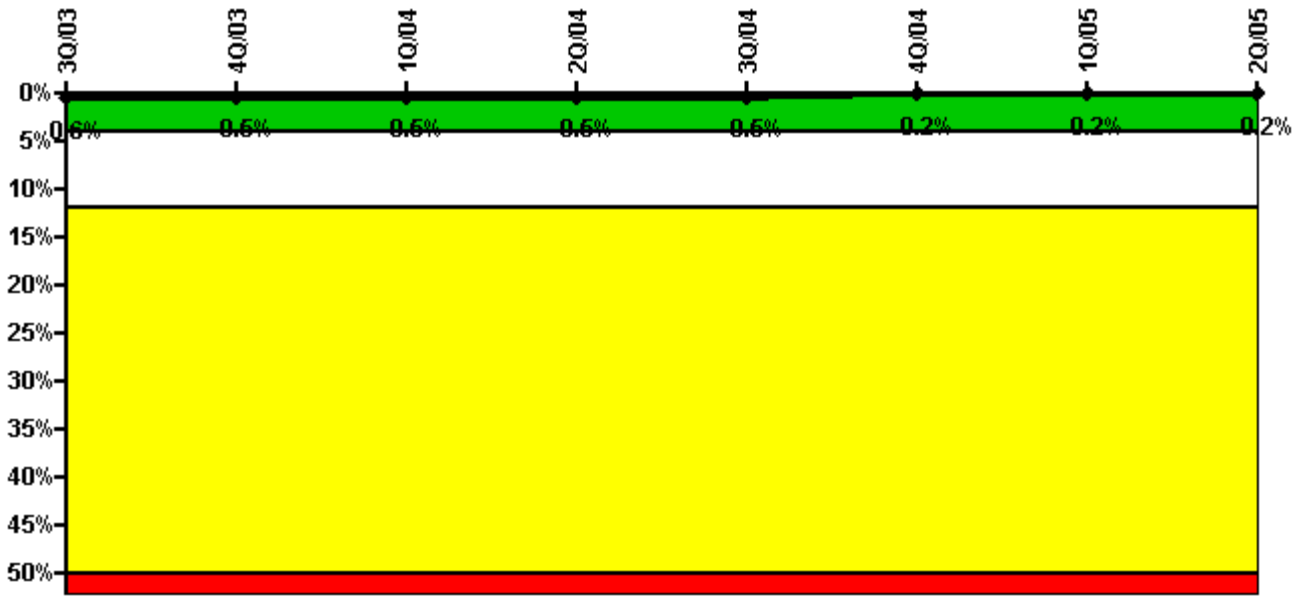
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

#### Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
<b>Train 1</b>								
Planned unavailable hours	5.80	6.25	3.25	5.90	14.02	54.09	129.78	1.32
Unplanned unavailable hours	0	11.33	0	67.92	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	2138.90	2209.00	2184.00	2183.00	2069.00	1659.90	2160.00	2183.00
<b>Indicator value</b>	<b>1.2%</b>	<b>0.9%</b>	<b>0.5%</b>	<b>0.8%</b>	<b>0.8%</b>	<b>1.0%</b>	<b>1.6%</b>	<b>1.6%</b>

Licensee Comments: none

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



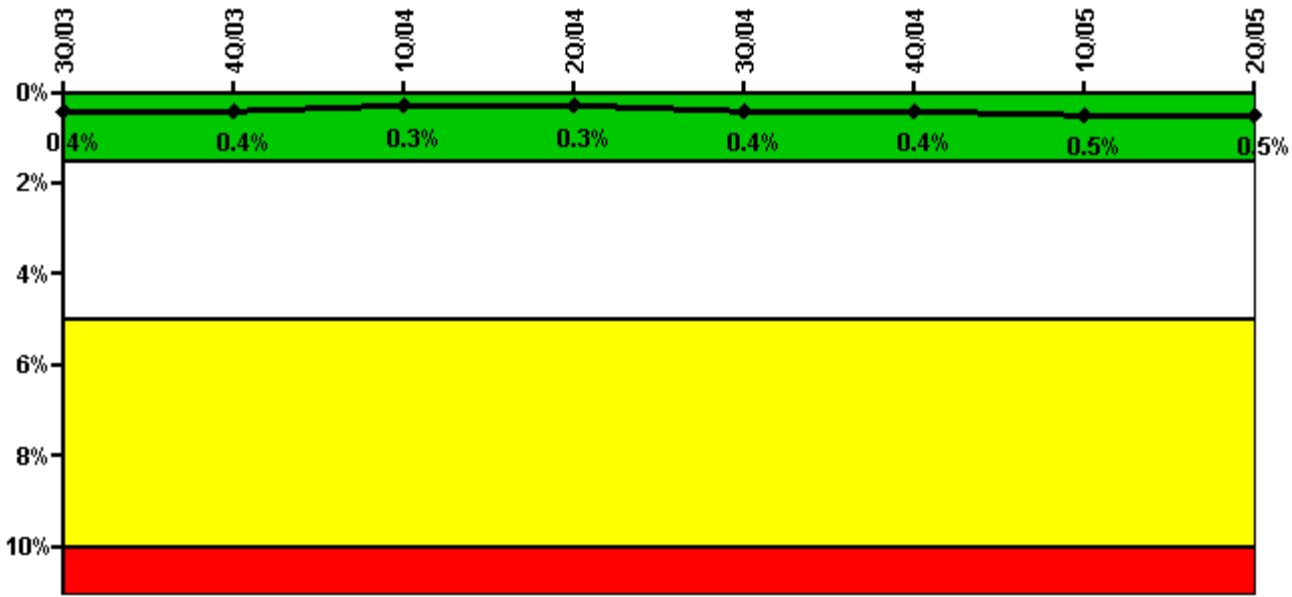
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

#### Notes

Safety System Unavailability, Heat Removal System (RCIC)	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
<b>Train 1</b>								
Planned unavailable hours	3.63	5.82	4.92	0	0.87	0	2.66	1.61
Unplanned unavailable hours	25.20	0	0	0	5.55	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	2138.90	2209.00	2184.00	2183.00	2069.00	1659.90	2160.00	2183.00
<b>Indicator value</b>	<b>0.6%</b>	<b>0.5%</b>	<b>0.5%</b>	<b>0.5%</b>	<b>0.5%</b>	<b>0.2%</b>	<b>0.2%</b>	<b>0.2%</b>

Licensee Comments: none

### Safety System Unavailability, Residual Heat Removal System



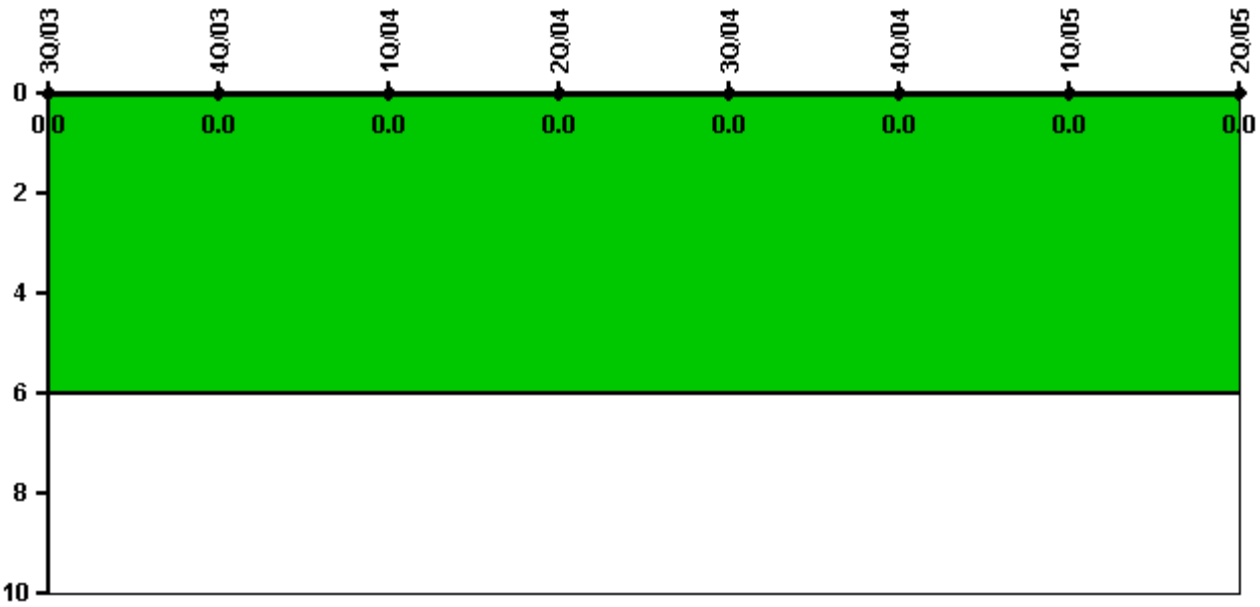
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

#### Notes

Safety System Unavailability, Residual Heat Removal System	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
<b>Train 1</b>								
Planned unavailable hours	0	0	0	0	12.80	37.90	0	0
Unplanned unavailable hours	13.60	13.30	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	2184.00	2183.00	2183.20	1821.50	2160.00	2183.00
<b>Train 2</b>								
Planned unavailable hours	0	0	9.60	9.90	14.60	0	70.00	0
Unplanned unavailable hours	13.80	5.60	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	2184.00	2183.00	2183.20	1821.50	2160.00	2183.00
<b>Indicator value</b>	<b>0.4%</b>	<b>0.4%</b>	<b>0.3%</b>	<b>0.3%</b>	<b>0.4%</b>	<b>0.4%</b>	<b>0.5%</b>	<b>0.5%</b>

Licensee Comments: none

### Safety System Functional Failures (BWR)



Thresholds: White > 6.0

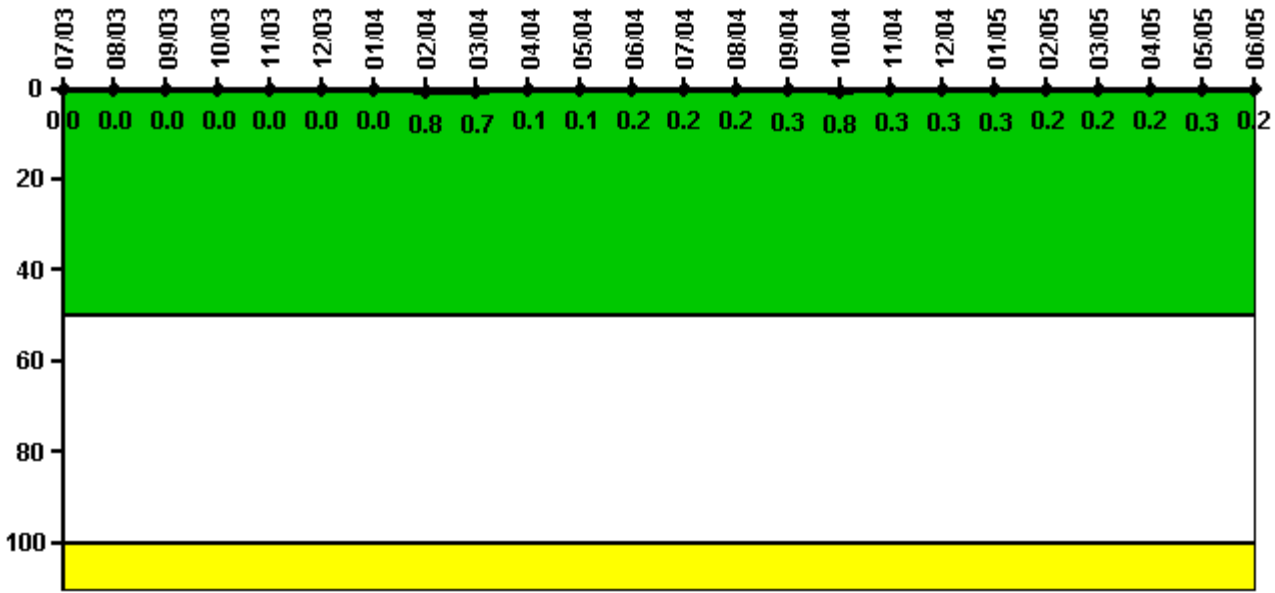
#### Notes

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

Licensee Comments: none



### Reactor Coolant System Activity



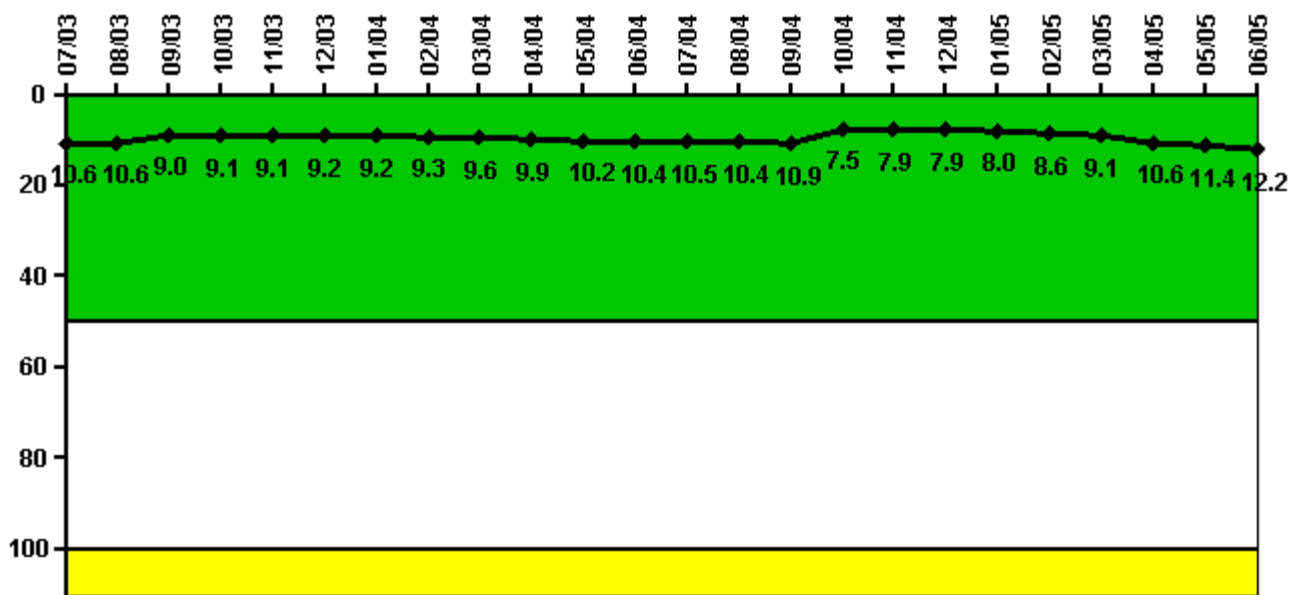
Thresholds: White > 50.0 Yellow > 100.0

#### Notes

Reactor Coolant System Activity	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04
Maximum activity	0.000006	0.000005	0.000007	0.000007	0.000006	0.000006	0.000006	0.001580	0.001320	0.000138	0.000196	0.000494
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0.8	0.7	0.1	0.1	0.2
Reactor Coolant System Activity	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05
Maximum activity	0.000436	0.000481	0.000519	0.001590	0.000699	0.000620	0.000553	0.000475	0.000463	0.000440	0.000580	0.000450
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0.2	0.2	0.3	0.8	0.3	0.3	0.3	0.2	0.2	0.2	0.3	0.2

Licensee Comments: none

### Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

#### Notes

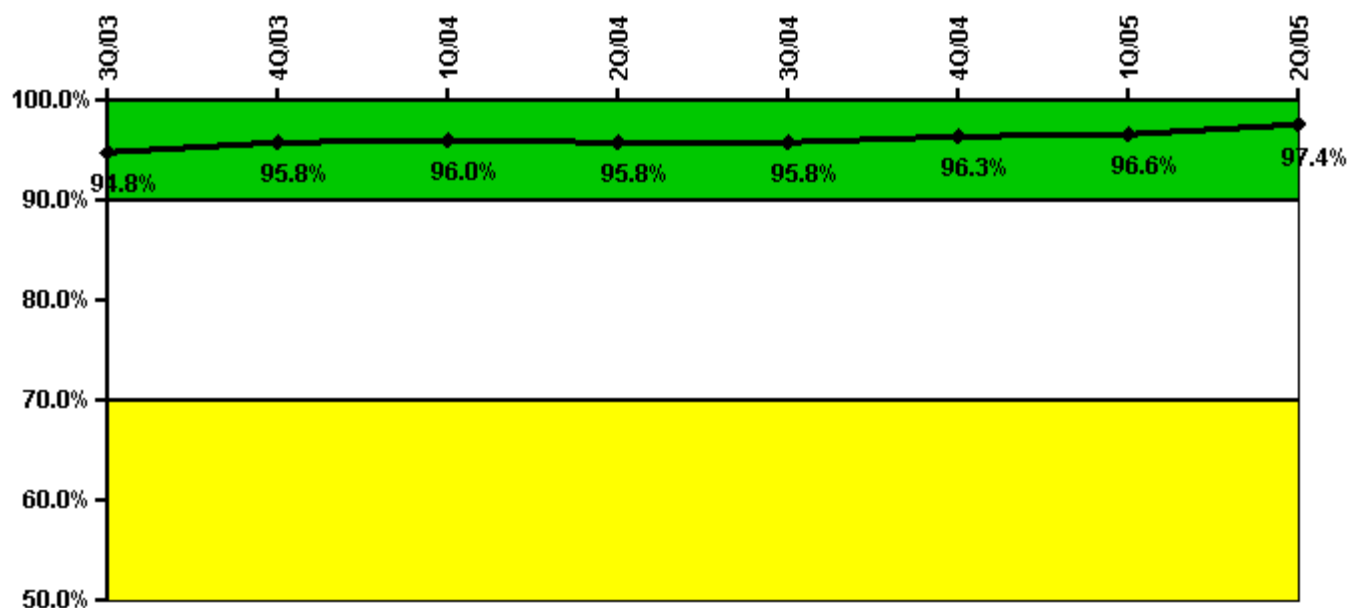
Reactor Coolant System Leakage	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04
Maximum leakage	2.650	2.660	2.260	2.270	2.280	2.310	2.300	2.320	2.400	2.480	2.550	2.610
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	10.6	10.6	9.0	9.1	9.1	9.2	9.2	9.3	9.6	9.9	10.2	10.4

Reactor Coolant System Leakage	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05
Maximum leakage	2.630	2.590	2.730	1.870	1.970	1.970	2.010	2.140	2.270	2.640	2.850	3.060
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	10.5	10.4	10.9	7.5	7.9	7.9	8.0	8.6	9.1	10.6	11.4	12.2

Licensee Comments: none

### Drill/Exercise Performance



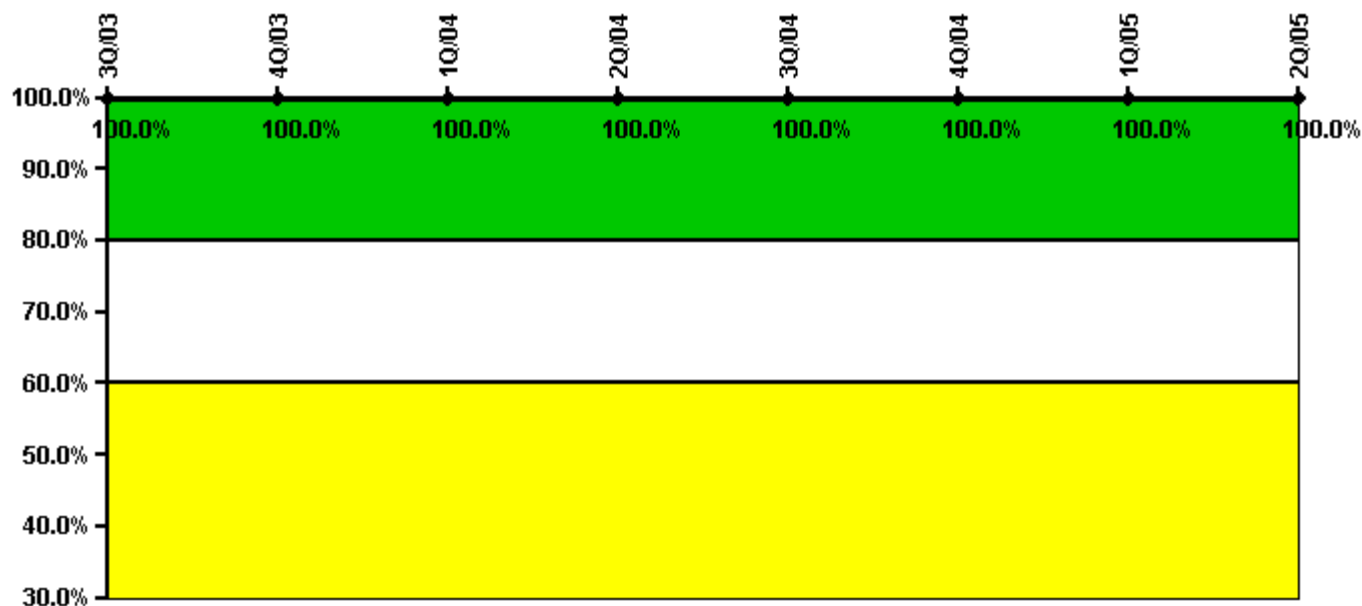
Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

Drill/Exercise Performance	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Successful opportunities	8.0	32.0	12.0	52.0	12.0	10.0	20.0	42.0
Total opportunities	10.0	32.0	12.0	55.0	12.0	10.0	20.0	42.0
Indicator value	94.8%	95.8%	96.0%	95.8%	95.8%	96.3%	96.6%	97.4%

Licensee Comments: none

### ERO Drill Participation



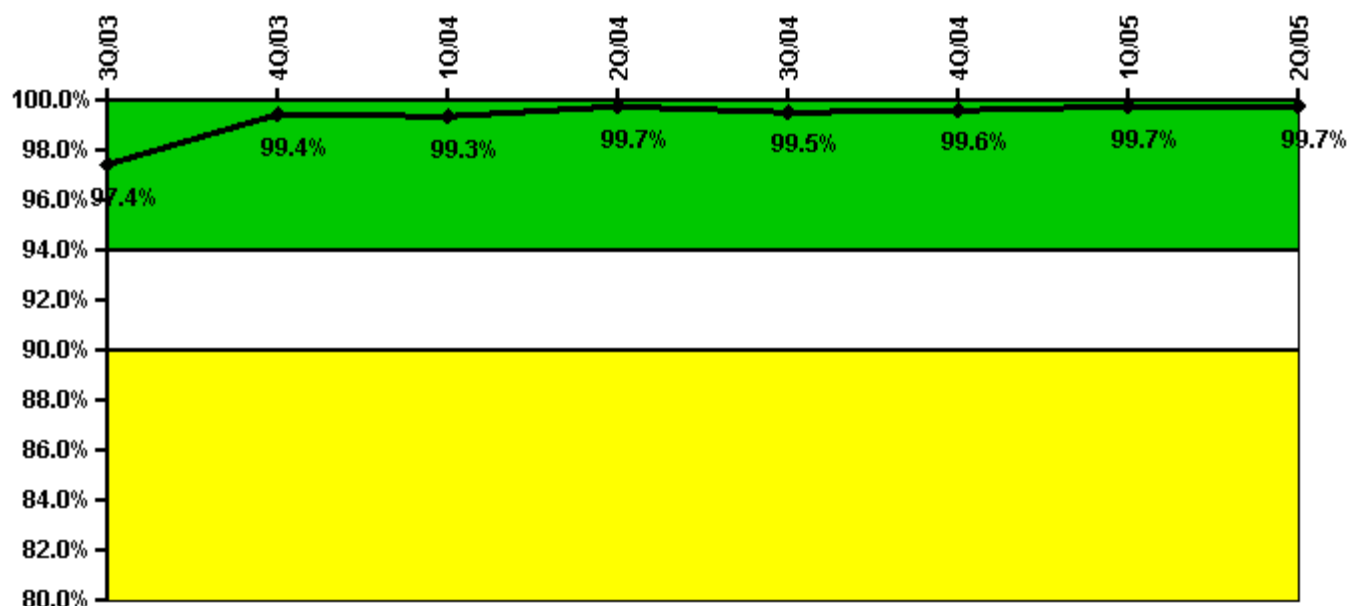
Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

ERO Drill Participation	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Participating Key personnel	55.0	57.0	61.0	64.0	63.0	61.0	62.0	57.0
Total Key personnel	55.0	57.0	61.0	64.0	63.0	61.0	62.0	57.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

### Alert & Notification System



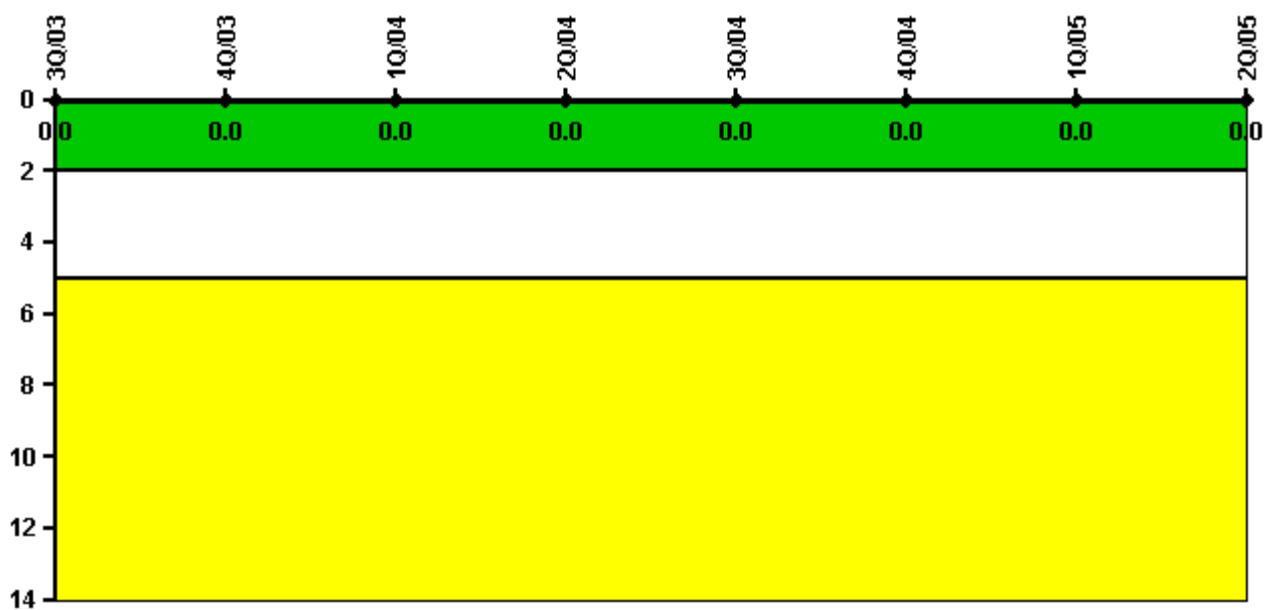
Thresholds: White < 94.0% Yellow < 90.0%

#### Notes

Alert & Notification System	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Successful siren-tests	259	221	294	259	294	293	296	222
Total sirens-tests	259	222	296	259	296	294	296	222
Indicator value	97.4%	99.4%	99.3%	99.7%	99.5%	99.6%	99.7%	99.7%

Licensee Comments: none

### Occupational Exposure Control Effectiveness



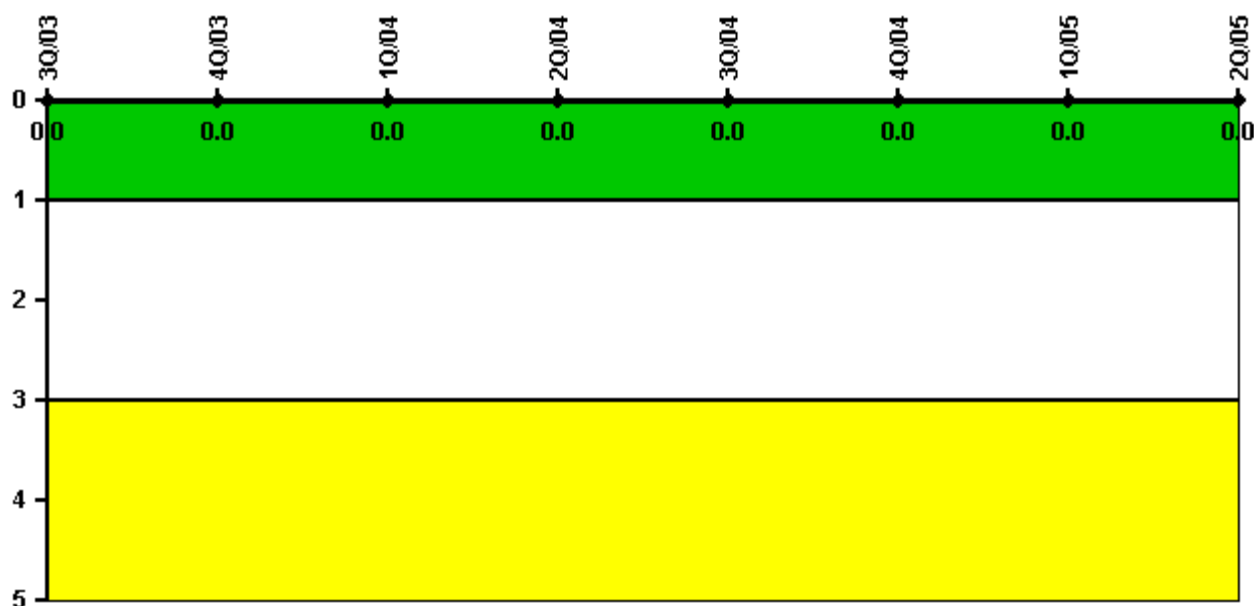
Thresholds: White > 2.0 Yellow > 5.0

**Notes**

Occupational Exposure Control Effectiveness	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/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	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/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: August 3, 2005