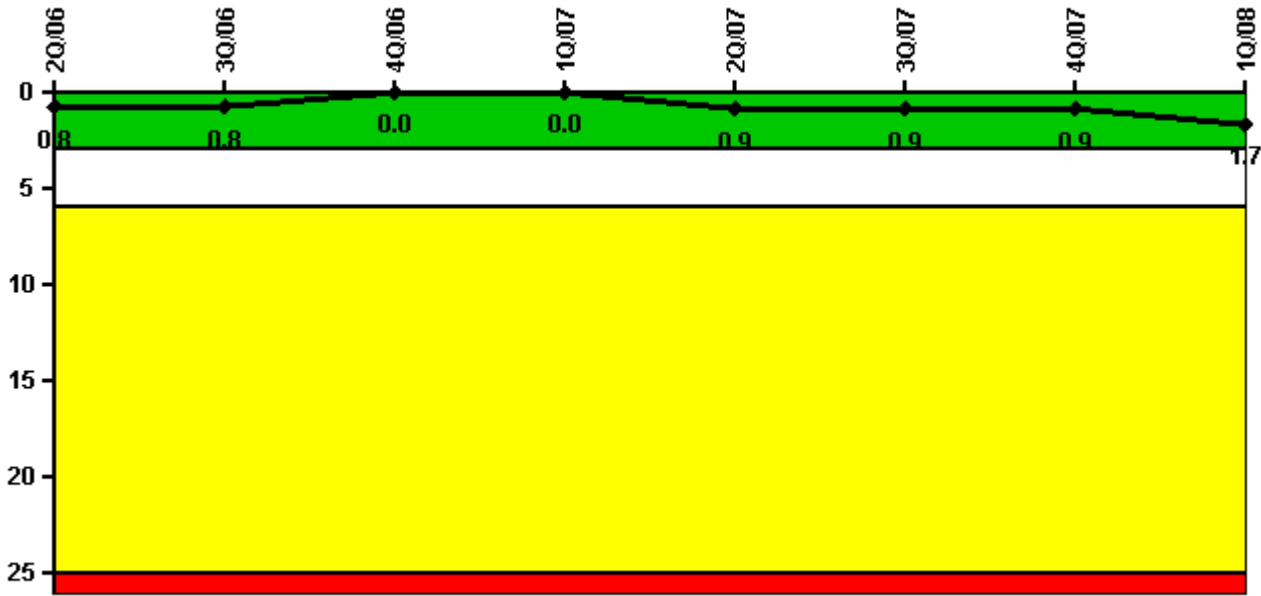


# Limerick 2

## 1Q/2008 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



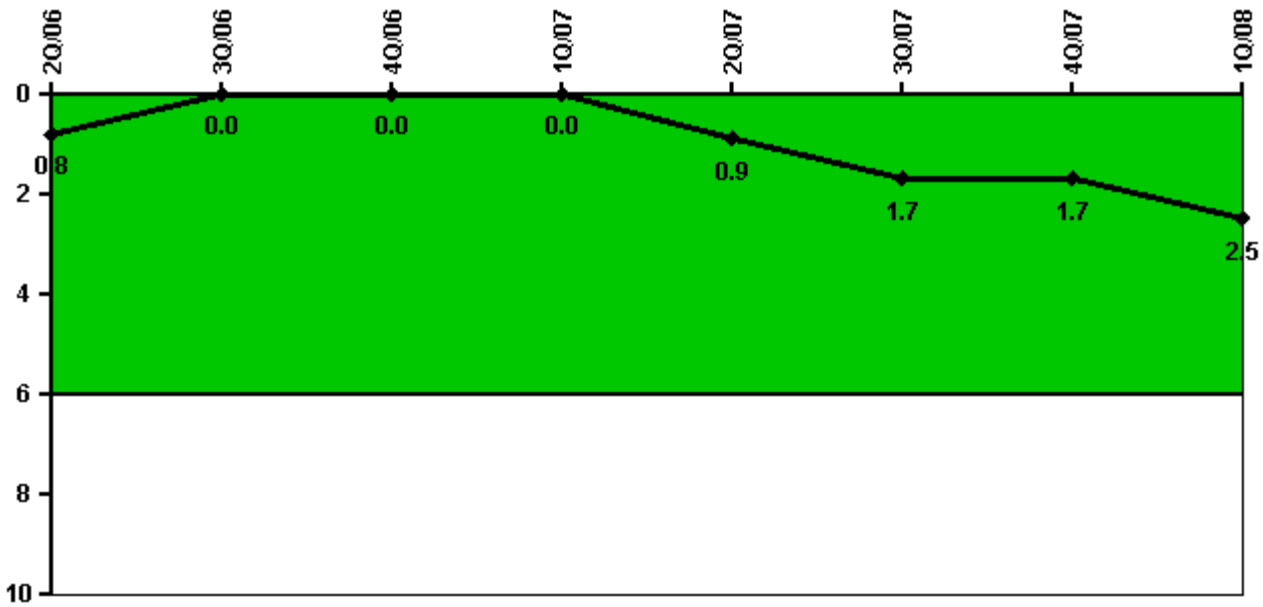
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Unplanned scrams	0	0	0	0	1.0	0	0	1.0
Critical hours	2183.0	2208.0	2209.0	1661.0	2044.8	2208.0	2209.0	1970.8
Indicator value	0.8	0.8	0	0	0.9	0.9	0.9	1.7

Licensee Comments: none

# Unplanned Power Changes per 7000 Critical Hrs



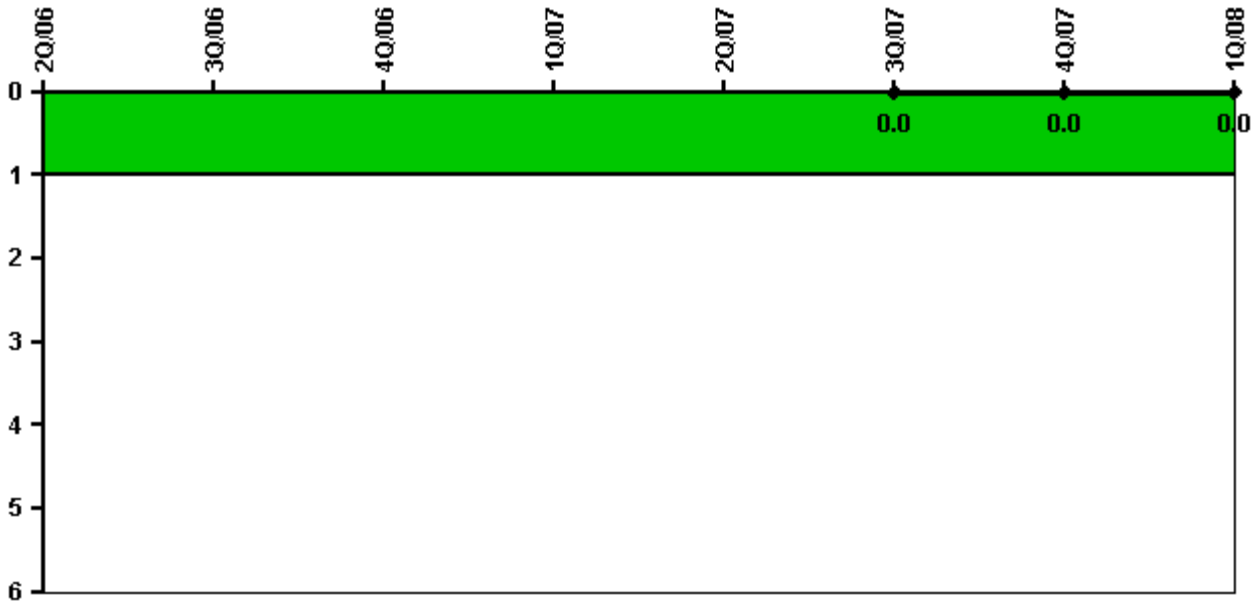
Thresholds: White > 6.0

## Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Unplanned power changes	0	0	0	0	1.0	1.0	0	1.0
Critical hours	2183.0	2208.0	2209.0	1661.0	2044.8	2208.0	2209.0	1970.8
Indicator value	0.8	0	0	0	0.9	1.7	1.7	2.5

Licensee Comments: none

# Unplanned Scrams with Complications



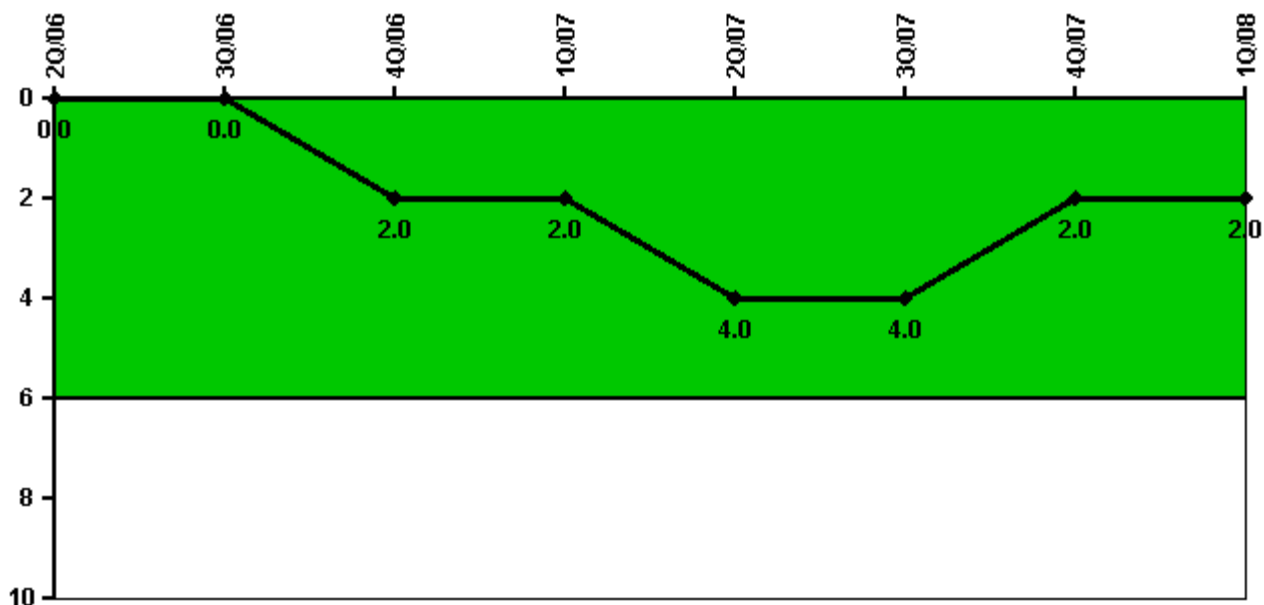
Thresholds: White > 1.0

## Notes

Unplanned Scrams with Complications	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Scrams with complications			0	0	0	0	0	0
Indicator value						0.0	0.0	0.0

Licensee Comments: none

# Safety System Functional Failures (BWR)



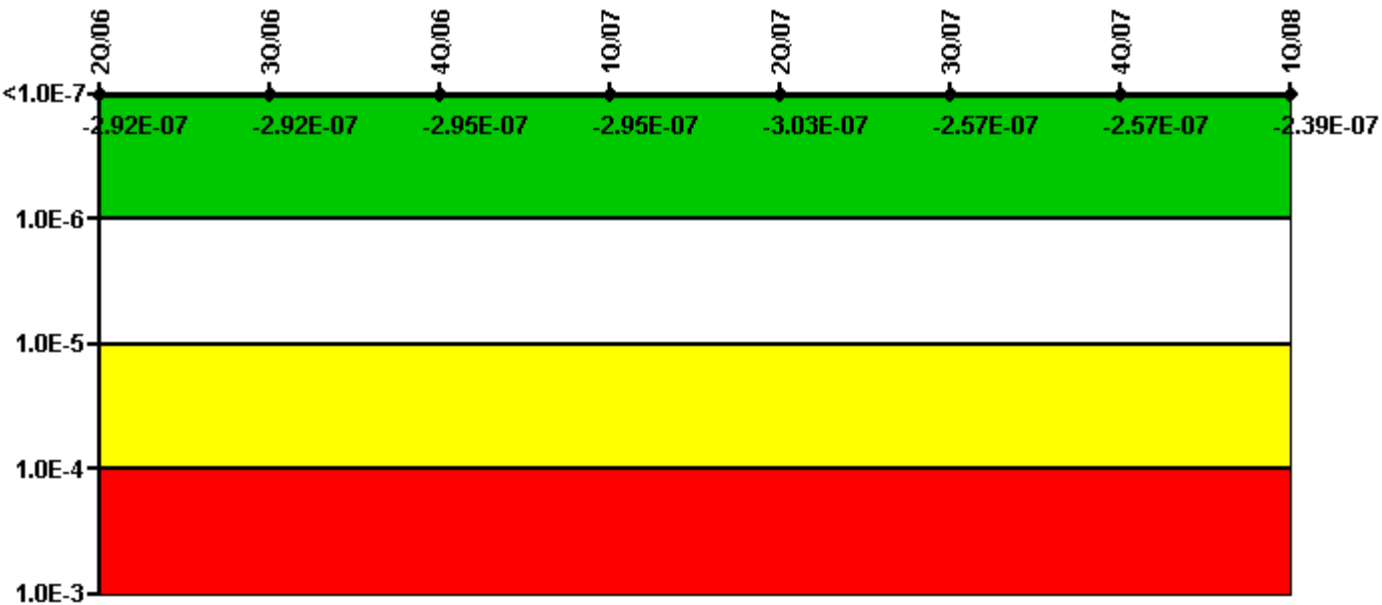
Thresholds: White > 6.0

## Notes

Safety System Functional Failures (BWR)	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Safety System Functional Failures	0	0	2	0	2	0	0	0
Indicator value	0	0	2	2	4	4	2	2

Licensee Comments: none

# Mitigating Systems Performance Index, Emergency AC Power System



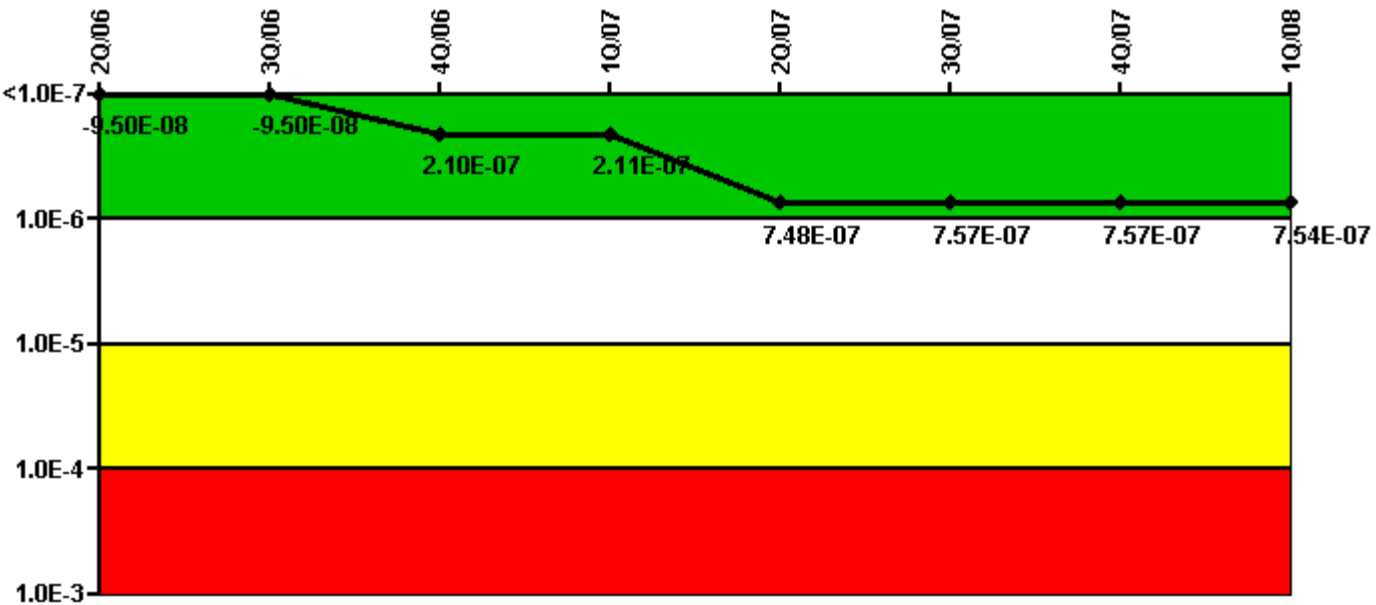
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (ΔCDF)	8.30E-09	8.20E-09	5.00E-09	4.80E-09	-3.40E-09	3.10E-09	3.10E-09	1.10E-08
URI (ΔCDF)	-3.00E-07	-3.00E-07	-3.00E-07	-3.00E-07	-3.00E-07	-2.60E-07	-2.60E-07	-2.50E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.92E-07	-2.92E-07	-2.95E-07	-2.95E-07	-3.03E-07	-2.57E-07	-2.57E-07	-2.39E-07

Licensee Comments: none

# Mitigating Systems Performance Index, High Pressure Injection System



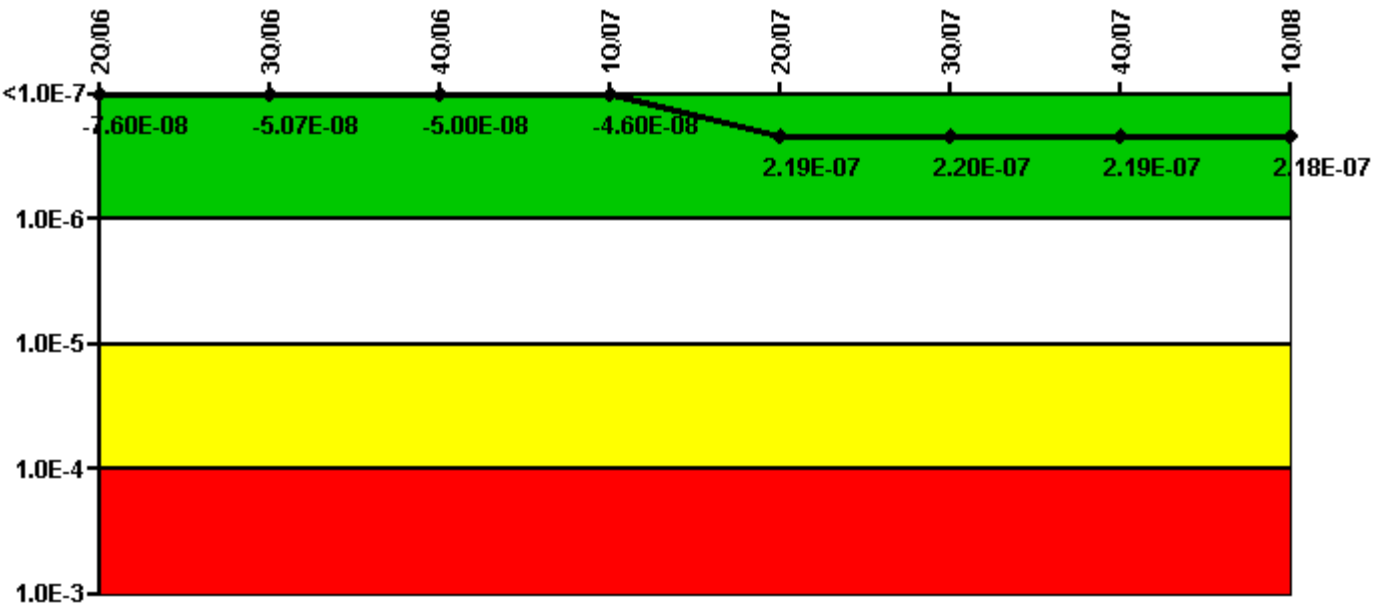
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI ( $\Delta$ CDF)	-4.30E-08	-4.30E-08	-1.00E-08	-9.40E-09	7.90E-09	1.70E-08	1.70E-08	1.40E-08
URI ( $\Delta$ CDF)	-5.20E-08	-5.20E-08	2.20E-07	2.20E-07	7.40E-07	7.40E-07	7.40E-07	7.40E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-9.50E-08	-9.50E-08	2.10E-07	2.11E-07	7.48E-07	7.57E-07	7.57E-07	7.54E-07

Licensee Comments: none

# Mitigating Systems Performance Index, Heat Removal System



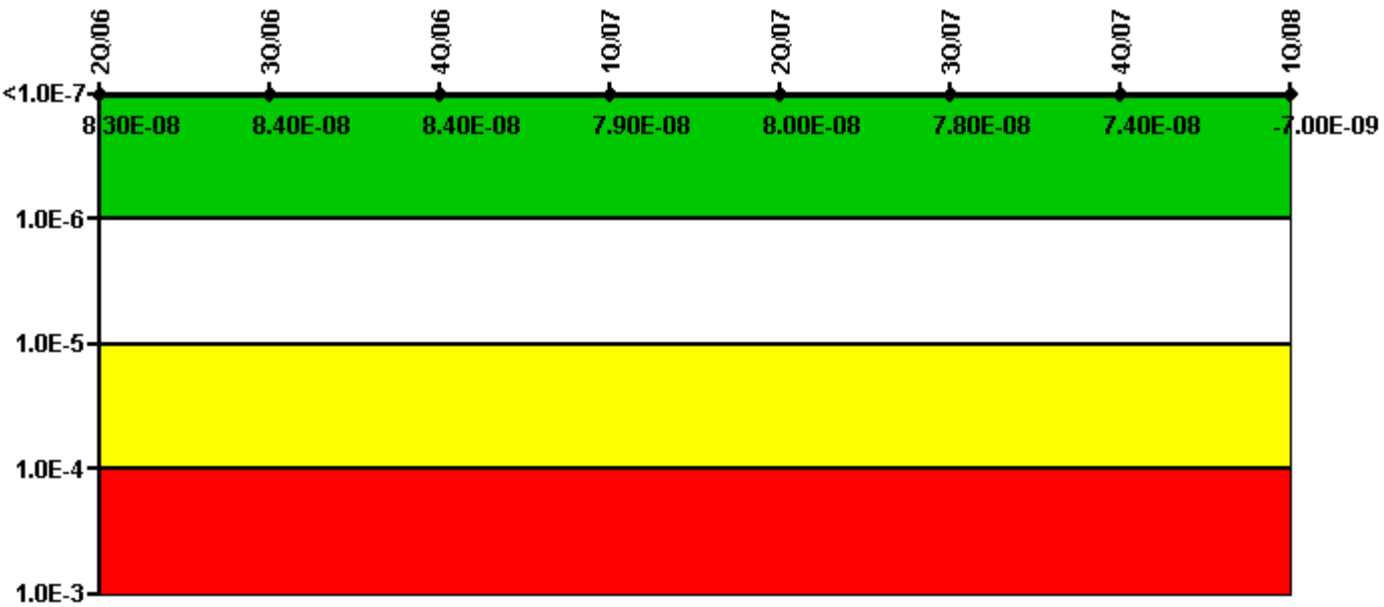
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI ( $\Delta$ CDF)	-2.90E-08	-3.70E-09	-3.00E-09	1.00E-09	1.90E-08	2.00E-08	1.90E-08	1.80E-08
URI ( $\Delta$ CDF)	-4.70E-08	-4.70E-08	-4.70E-08	-4.70E-08	2.00E-07	2.00E-07	2.00E-07	2.00E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-7.60E-08	-5.07E-08	-5.00E-08	-4.60E-08	2.19E-07	2.20E-07	2.19E-07	2.18E-07

Licensee Comments: none

# Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

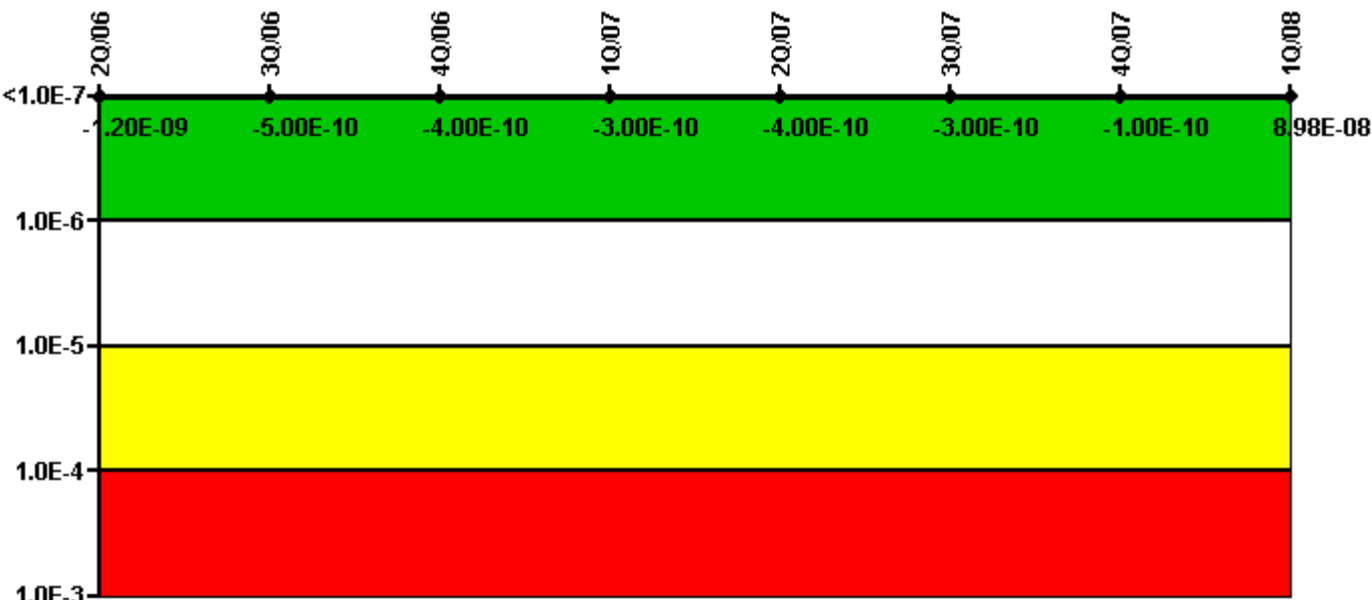
## Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI ( $\Delta$ CDF)	1.30E-08	1.30E-08	1.40E-08	1.40E-08	1.80E-08	2.00E-08	1.90E-08	1.90E-08
URI ( $\Delta$ CDF)	7.00E-08	7.10E-08	7.00E-08	6.50E-08	6.20E-08	5.80E-08	5.50E-08	-2.60E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	8.30E-08	8.40E-08	8.40E-08	7.90E-08	8.00E-08	7.80E-08	7.40E-08	-7.00E-09

Licensee Comments: none



# Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

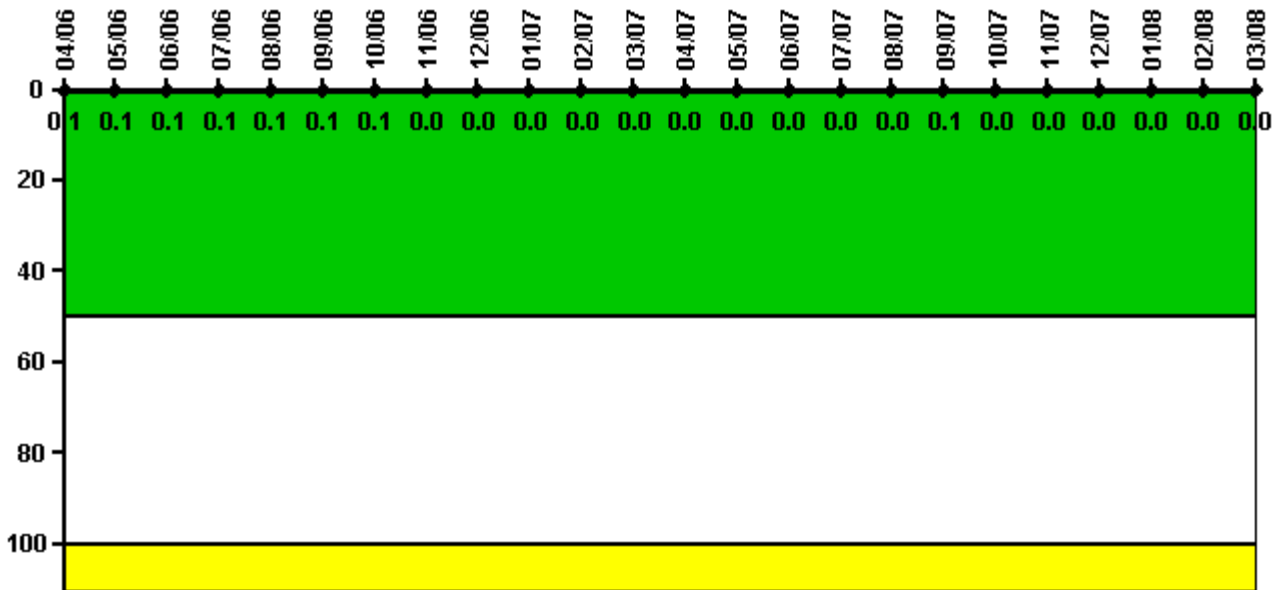
Mitigating Systems Performance Index, Cooling Water Systems	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI ( $\Delta$ CDF)	2.00E-09	2.80E-09	2.80E-09	2.90E-09	2.70E-09	2.80E-09	3.00E-09	9.30E-08
URI ( $\Delta$ CDF)	-3.20E-09	-3.30E-09	-3.20E-09	-3.20E-09	-3.10E-09	-3.10E-09	-3.10E-09	-3.20E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.20E-09	-5.00E-10	-4.00E-10	-3.00E-10	-4.00E-10	-3.00E-10	-1.00E-10	8.98E-08

## Licensee Comments:

3Q/07: 4/18/2008- July 2007- RHRSW "C" Pump - Planned unavailability hours changed from "37.10" to "39.58" hrs due to errors identified in clearance documentation. No color impact.

2Q/06: 4/18/2008- January 2006 data for RHRSW "C" Spray Network - Planned unavailability hours changed from "33.18" to "34.72" due to correction of errors in clearance documentation. No color impact....Demand and Run hours were changed to address corrections and clarifications discovered during the NRC TI inspection and internal data reviews during the 4Q06. No PRA FV-factors or CDF values, color change, or significant change to MSPI UAI or URI resulted from this correction. An FAQ will be submitted during 2Q07 to describe the details of this change...1/22/08- June 2007 ESW data corrected "B" ESW pump unavailability hours changed from 3.6 hours to 20 hours of unavailability. No significant change in UAI and no color change occurred.

# Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

## Notes

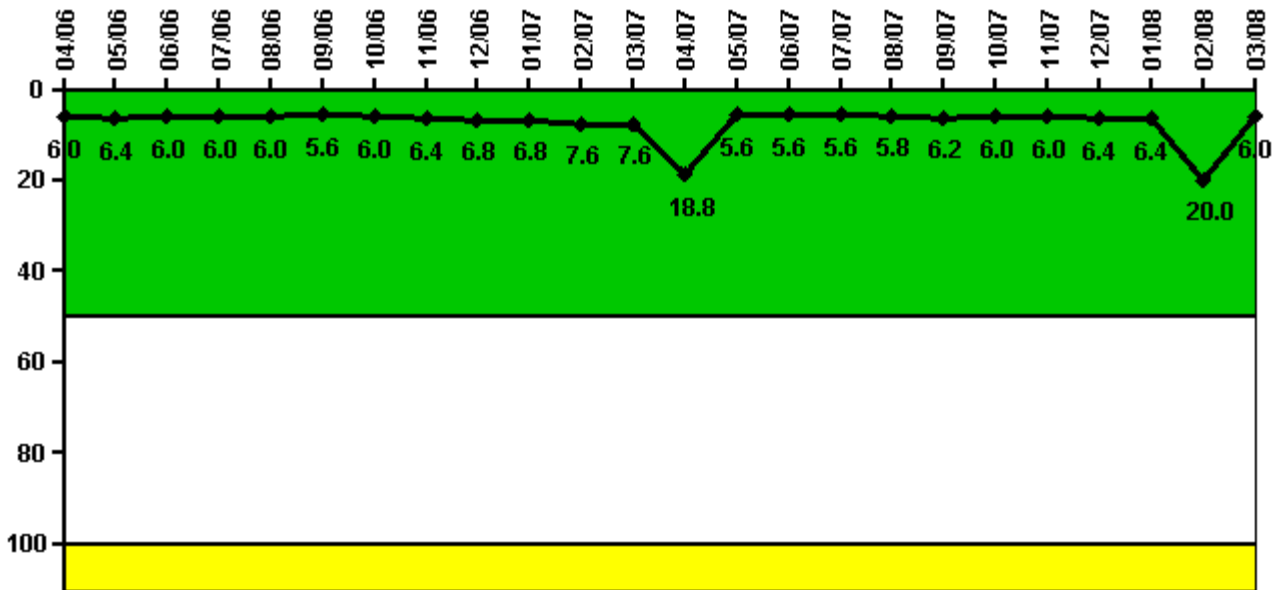
Reactor Coolant System Activity	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07
Maximum activity	0.000140	0.000200	0.000187	0.000128	0.000140	0.000123	0.000123	0.000081	0.000076	0.000073	0.000081	0.000069
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0	0	0	0	0

Reactor Coolant System Activity	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08
Maximum activity	0.000035	0.000039	0.000032	0.000031	0.000029	0.000165	0.000032	0.000025	0.000022	0.000036	0.000026	0.000027
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	0.1	0	0	0	0	0	0

Licensee Comments: none

# Reactor Coolant System Leakage



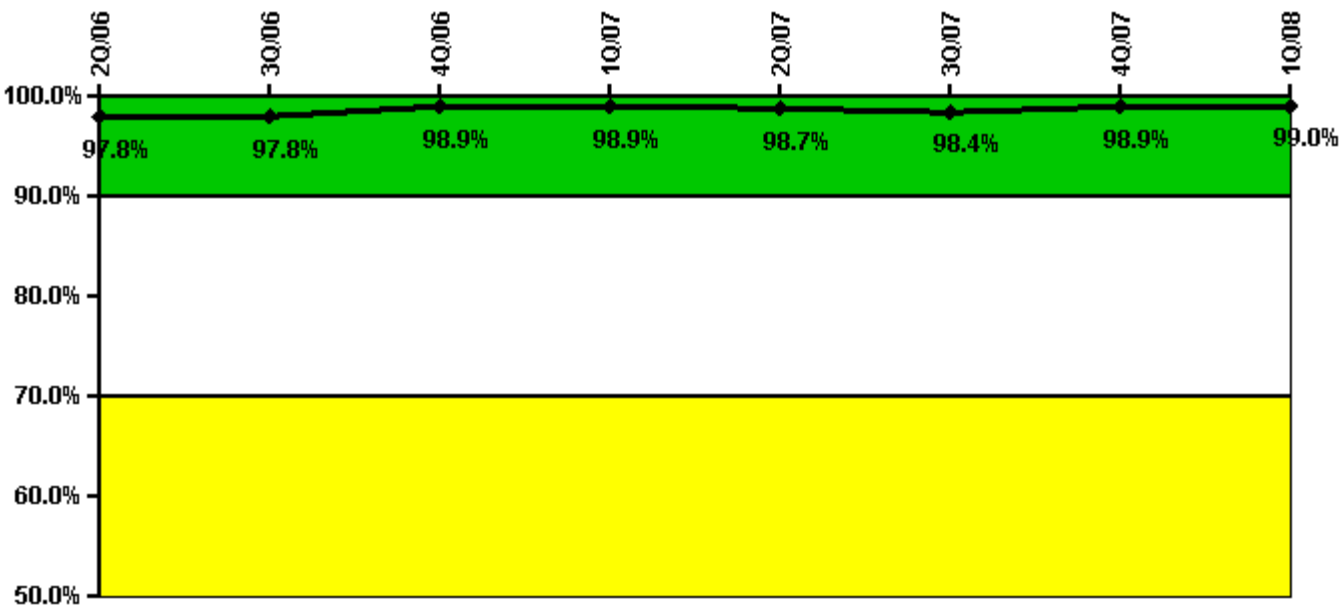
Thresholds: White > 50.0 Yellow > 100.0

## Notes

<b>Reactor Coolant System Leakage</b>	<b>4/06</b>	<b>5/06</b>	<b>6/06</b>	<b>7/06</b>	<b>8/06</b>	<b>9/06</b>	<b>10/06</b>	<b>11/06</b>	<b>12/06</b>	<b>1/07</b>	<b>2/07</b>	<b>3/07</b>
Maximum leakage	1.500	1.600	1.500	1.500	1.500	1.400	1.500	1.600	1.700	1.700	1.900	1.900
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
<b>Indicator value</b>	<b>6.0</b>	<b>6.4</b>	<b>6.0</b>	<b>6.0</b>	<b>6.0</b>	<b>5.6</b>	<b>6.0</b>	<b>6.4</b>	<b>6.8</b>	<b>6.8</b>	<b>7.6</b>	<b>7.6</b>
<b>Reactor Coolant System Leakage</b>	<b>4/07</b>	<b>5/07</b>	<b>6/07</b>	<b>7/07</b>	<b>8/07</b>	<b>9/07</b>	<b>10/07</b>	<b>11/07</b>	<b>12/07</b>	<b>1/08</b>	<b>2/08</b>	<b>3/08</b>
Maximum leakage	4.700	1.400	1.400	1.400	1.450	1.550	1.500	1.500	1.600	1.600	5.000	1.500
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
<b>Indicator value</b>	<b>18.8</b>	<b>5.6</b>	<b>5.6</b>	<b>5.6</b>	<b>5.8</b>	<b>6.2</b>	<b>6.0</b>	<b>6.0</b>	<b>6.4</b>	<b>6.4</b>	<b>20.0</b>	<b>6.0</b>

Licensee Comments: none

# Drill/Exercise Performance



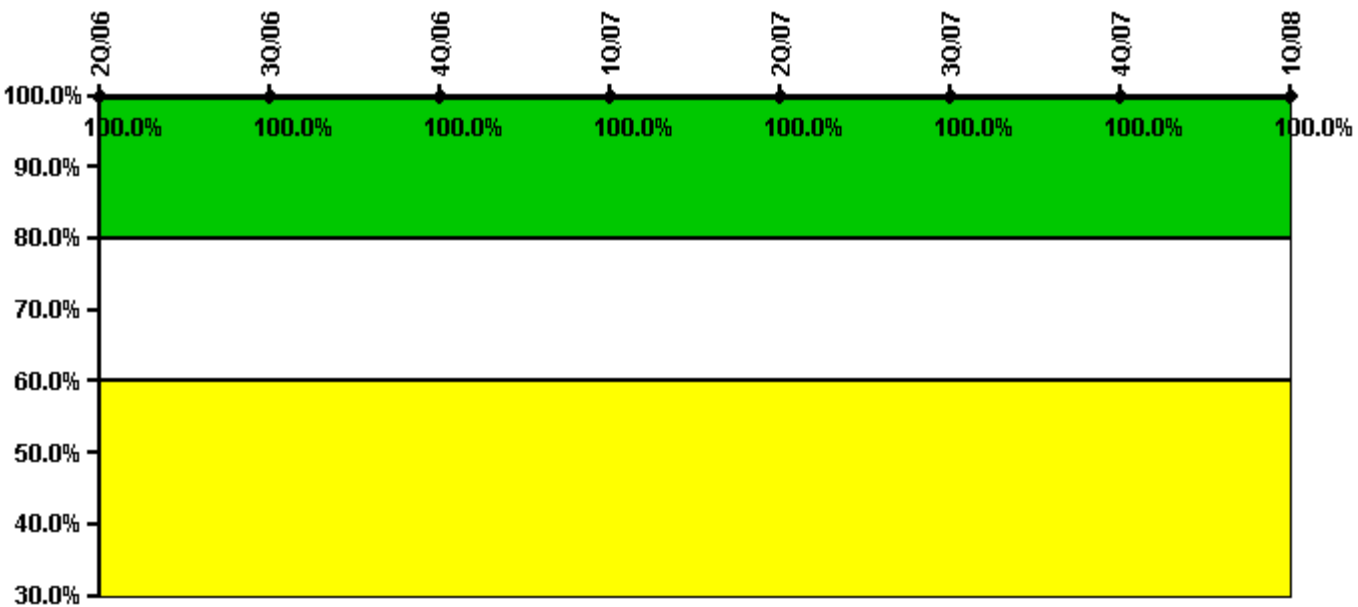
Thresholds: White < 90.0% Yellow < 70.0%

## Notes

Drill/Exercise Performance	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Successful opportunities	54.0	36.0	58.0	10.0	71.0	37.0	0	40.0
Total opportunities	55.0	36.0	58.0	10.0	72.0	38.0	0	40.0
Indicator value	97.8%	97.8%	98.9%	98.9%	98.7%	98.4%	98.9%	99.0%

Licensee Comments: none

# ERO Drill Participation



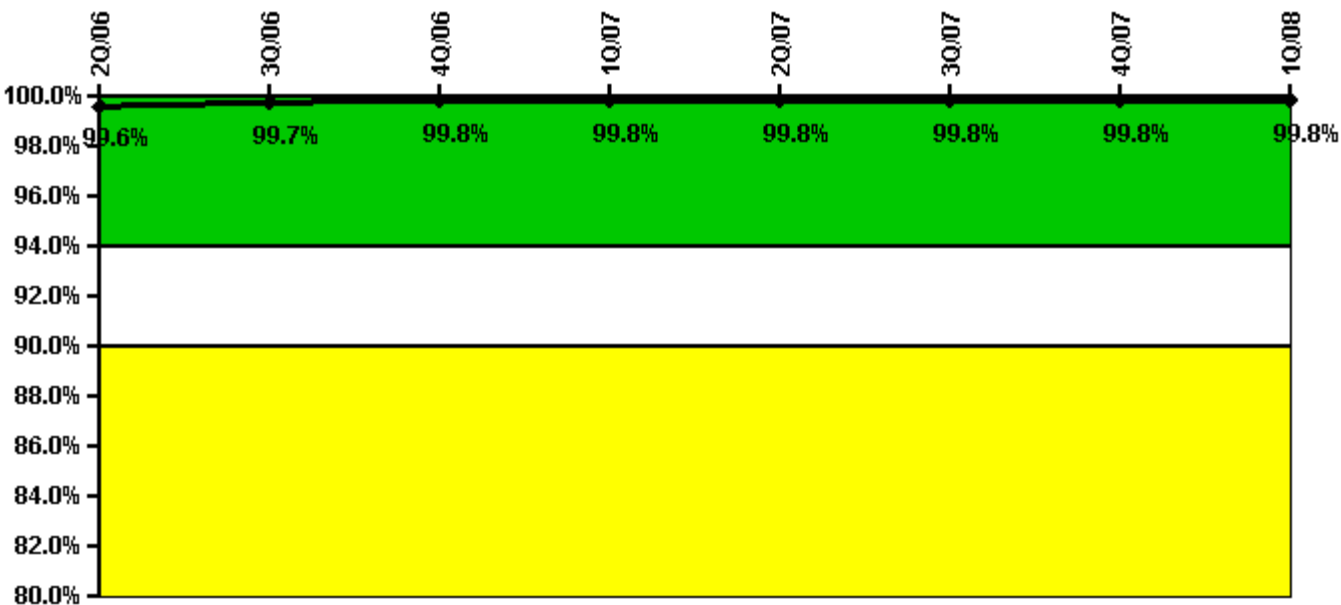
Thresholds: White < 80.0% Yellow < 60.0%

## Notes

ERO Drill Participation	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Participating Key personnel	69.0	69.0	69.0	72.0	69.0	68.0	69.0	67.0
Total Key personnel	69.0	69.0	69.0	72.0	69.0	68.0	69.0	67.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

# Alert & Notification System



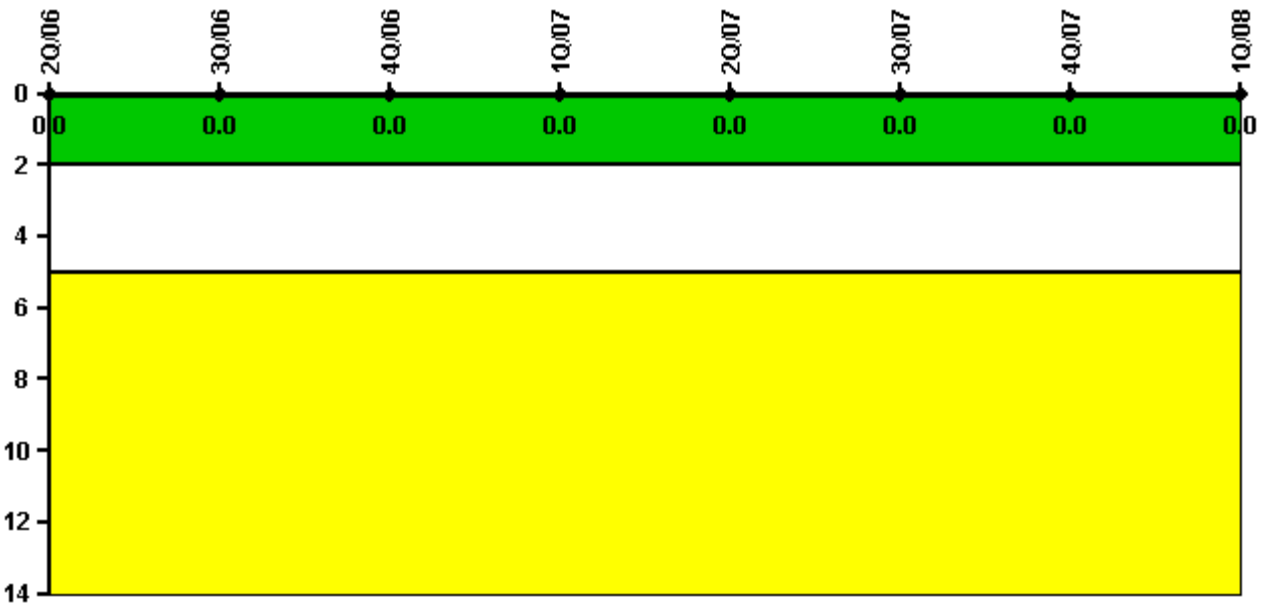
Thresholds: White < 94.0% Yellow < 90.0%

## Notes

Alert & Notification System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Successful siren-tests	2138	2140	2143	2140	2139	2143	2305	2142
Total sirens-tests	2145	2145	2145	2145	2145	2145	2310	2145
Indicator value	99.6%	99.7%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%

Licensee Comments: none

# Occupational Exposure Control Effectiveness



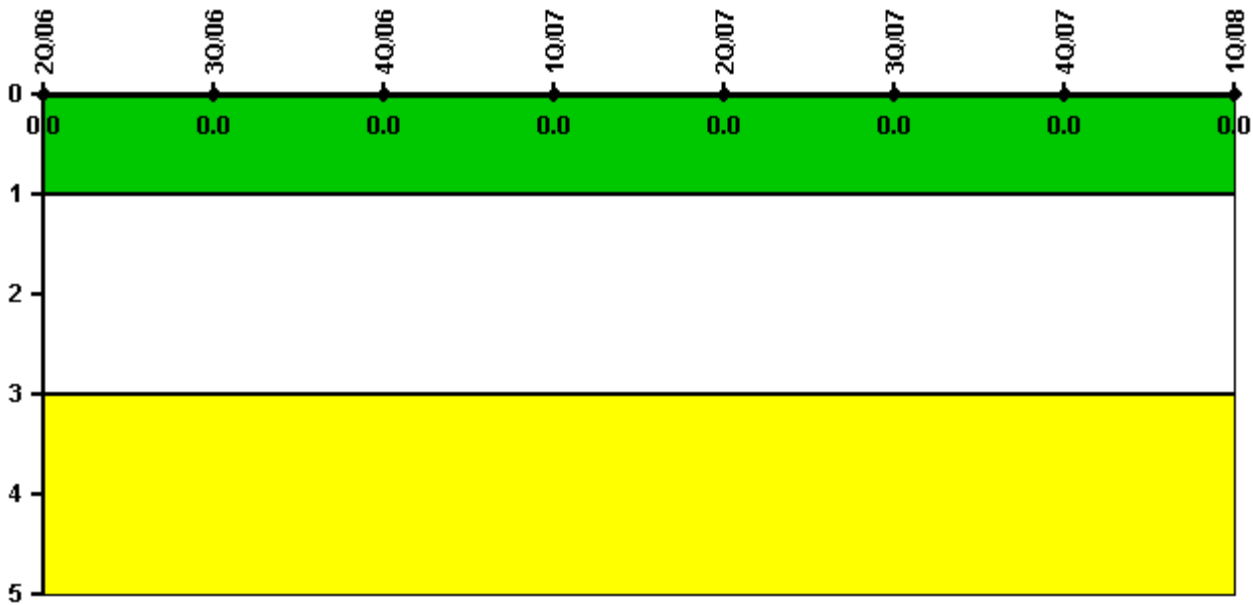
Thresholds: White > 2.0 Yellow > 5.0

## Notes

Occupational Exposure Control Effectiveness	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
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
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

# RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

## Notes

RETS/ODCM Radiological Effluent	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
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: April 30, 2008