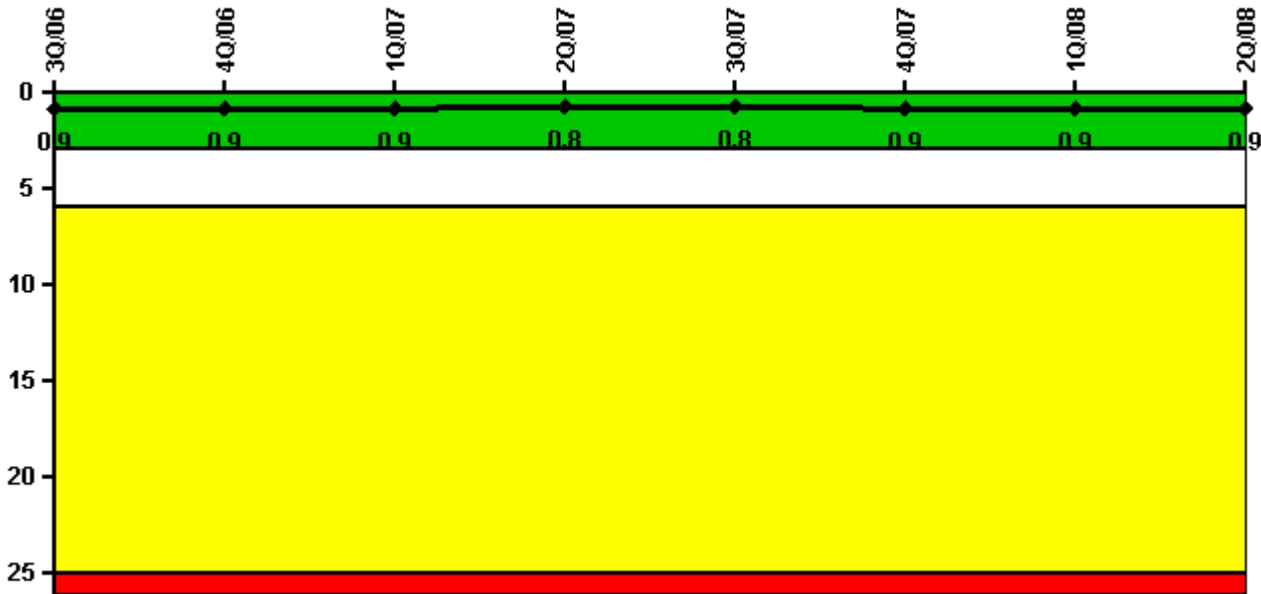


# Harris 1

## 2Q/2008 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



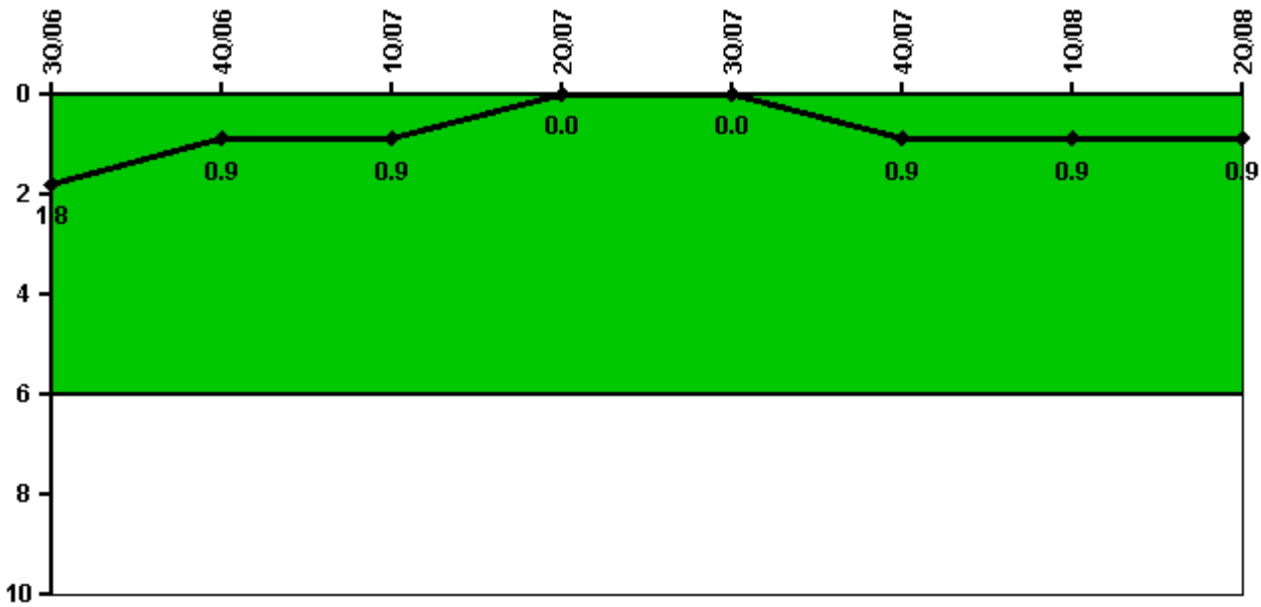
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Unplanned scrams	1.0	0	0	0	1.0	0	0	0
Critical hours	2151.4	2209.0	2159.0	2184.0	2158.5	1688.1	2183.0	2184.0
Indicator value	0.9	0.9	0.9	0.8	0.8	0.9	0.9	0.9

Licensee Comments: none

# Unplanned Power Changes per 7000 Critical Hrs



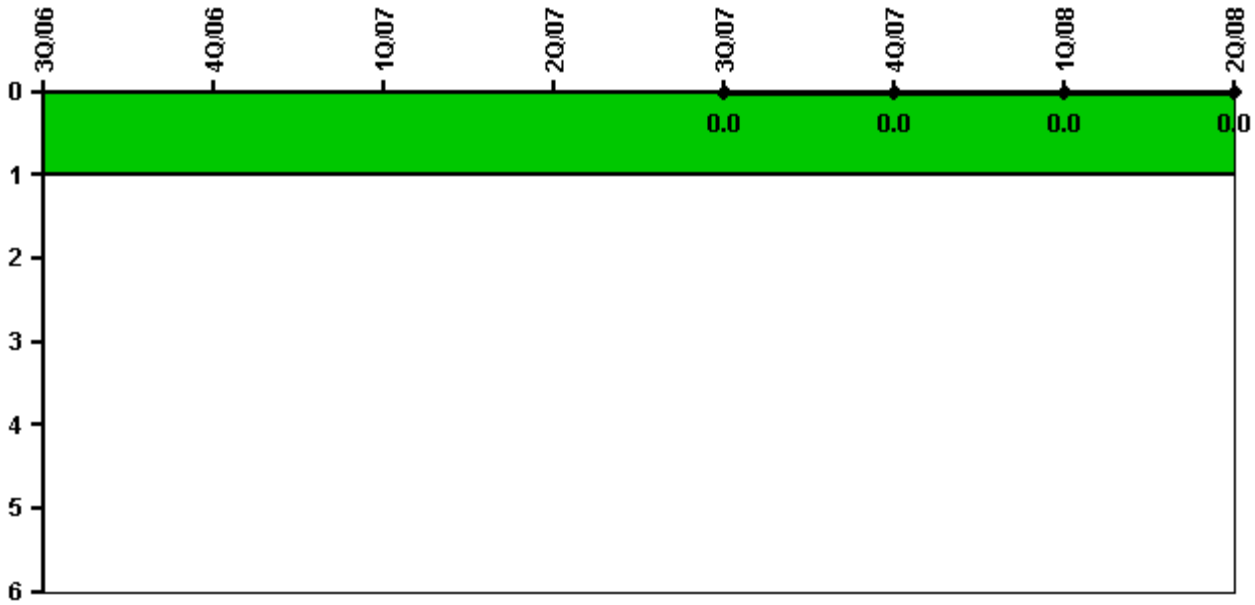
Thresholds: White > 6.0

## Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Unplanned power changes	0	0	0	0	0	1.0	0	0
Critical hours	2151.4	2209.0	2159.0	2184.0	2158.5	1688.1	2183.0	2184.0
Indicator value	1.8	0.9	0.9	0	0	0.9	0.9	0.9

Licensee Comments: none

# Unplanned Scrams with Complications



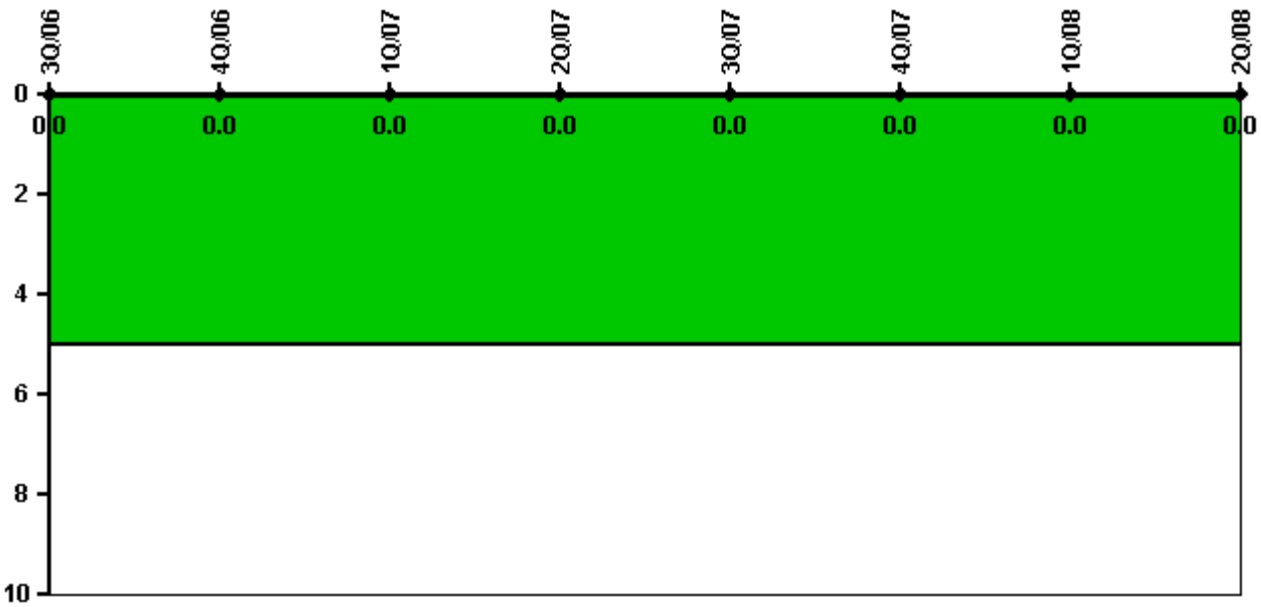
Thresholds: White > 1.0

## Notes

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

Licensee Comments: none

# Safety System Functional Failures (PWR)



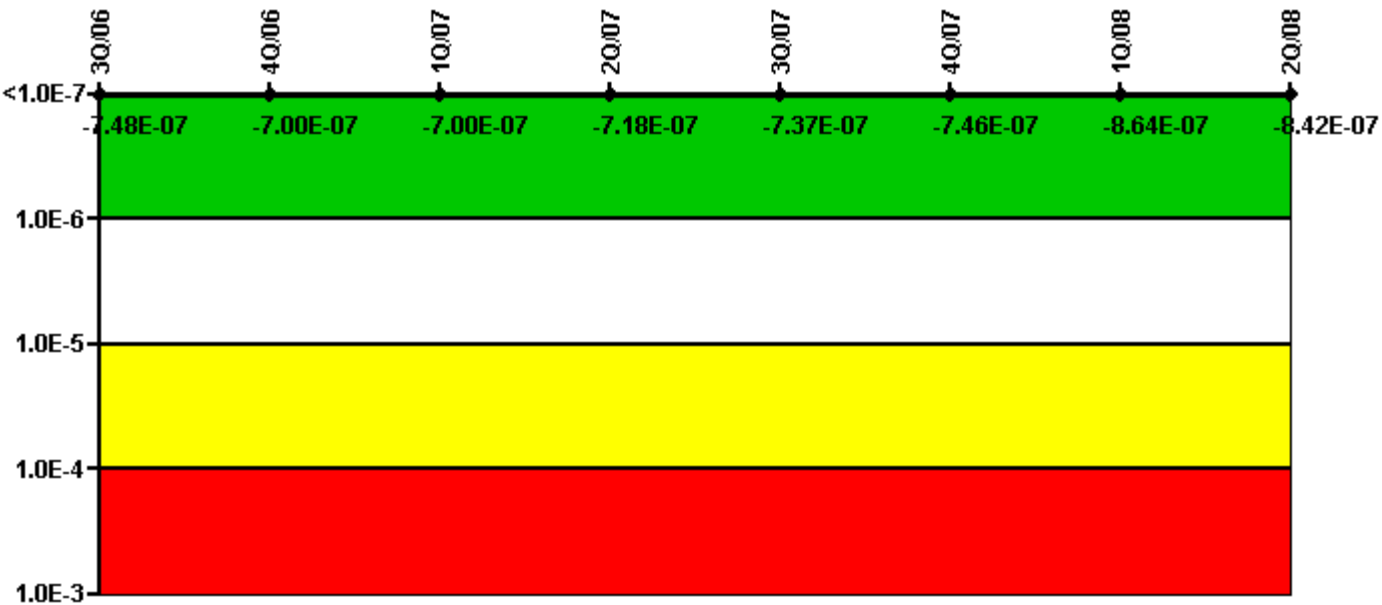
Thresholds: White > 5.0

## Notes

Safety System Functional Failures (PWR)	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
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

# Mitigating Systems Performance Index, Emergency AC Power System



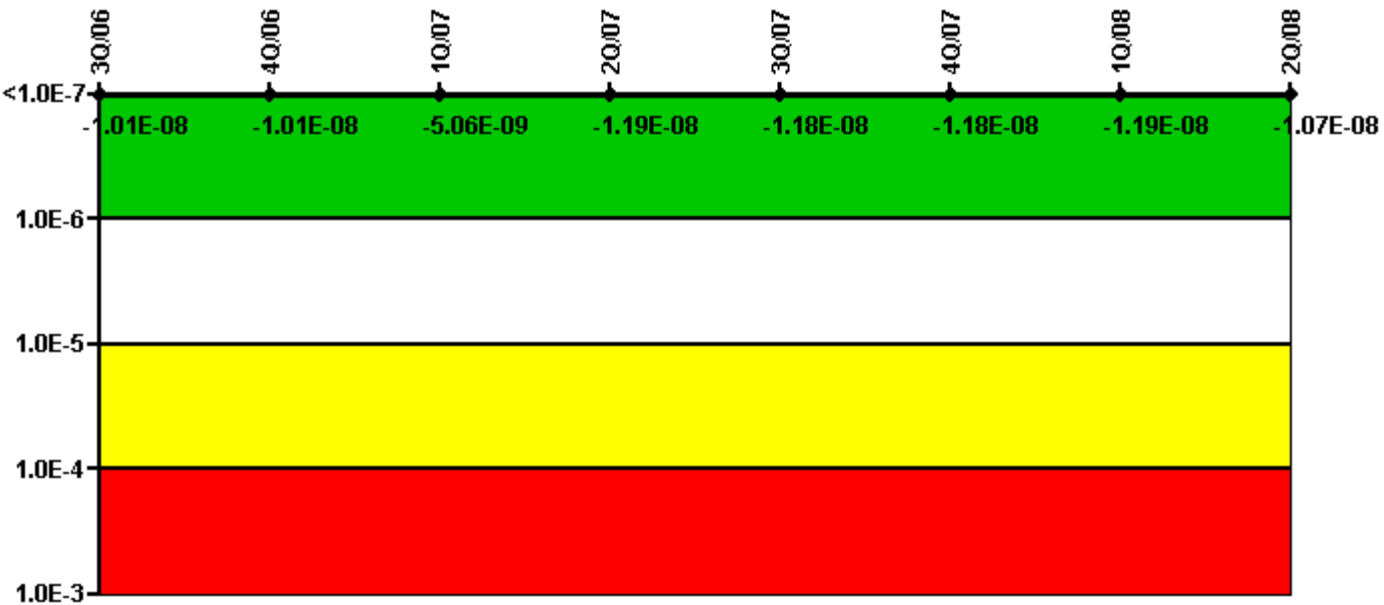
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI ( $\Delta$ CDF)	6.20E-08	1.10E-07	1.10E-07	9.20E-08	8.30E-08	7.40E-08	-4.40E-08	-2.20E-08
URI ( $\Delta$ CDF)	-8.10E-07	-8.10E-07	-8.10E-07	-8.10E-07	-8.20E-07	-8.20E-07	-8.20E-07	-8.20E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-7.48E-07	-7.00E-07	-7.00E-07	-7.18E-07	-7.37E-07	-7.46E-07	-8.64E-07	-8.42E-07

Licensee Comments: none

# Mitigating Systems Performance Index, High Pressure Injection System



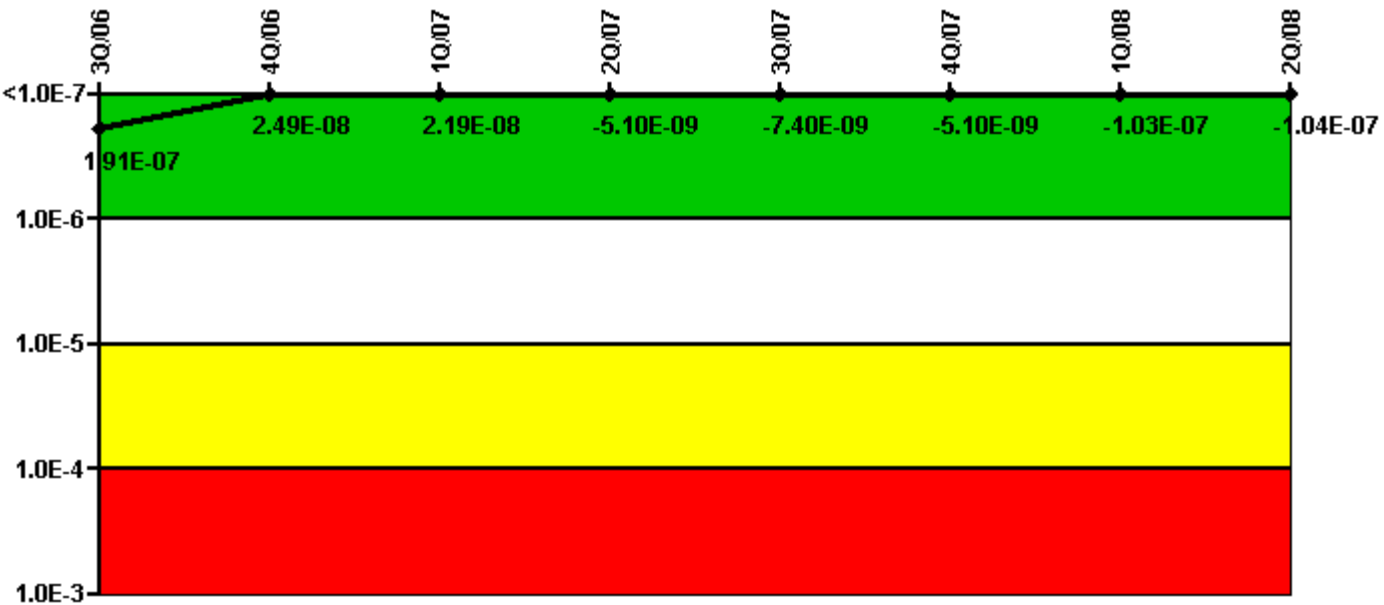
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI ( $\Delta$ CDF)	-1.20E-09	-1.20E-09	-8.60E-10	-8.80E-10	-7.80E-10	-8.40E-10	-8.50E-10	3.10E-10
URI ( $\Delta$ CDF)	-8.90E-09	-8.90E-09	-4.20E-09	-1.10E-08	-1.10E-08	-1.10E-08	-1.10E-08	-1.10E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.01E-08	-1.01E-08	-5.06E-09	-1.19E-08	-1.18E-08	-1.18E-08	-1.19E-08	-1.07E-08

Licensee Comments: none

# Mitigating Systems Performance Index, Heat Removal System



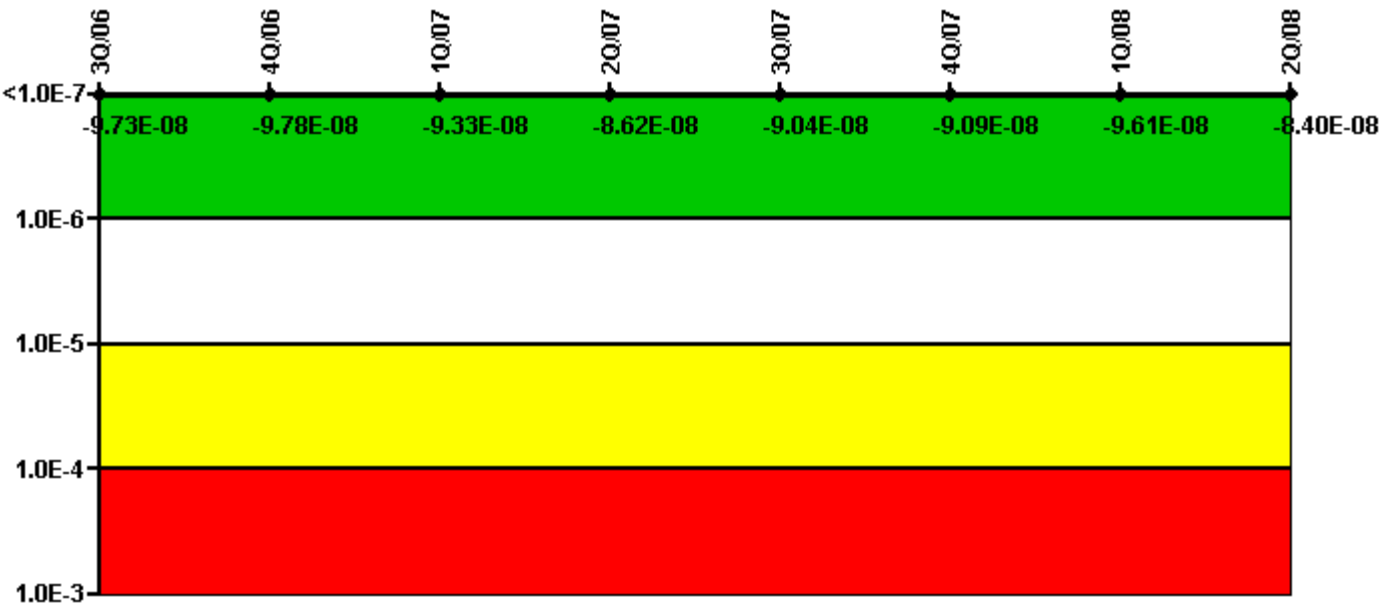
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI ( $\Delta$ CDF)	4.10E-08	1.90E-08	1.60E-08	-1.20E-08	-1.20E-08	-9.70E-09	-2.40E-08	-2.50E-08
URI ( $\Delta$ CDF)	1.50E-07	5.90E-09	5.90E-09	6.90E-09	4.60E-09	4.60E-09	-7.90E-08	-7.90E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.91E-07	2.49E-08	2.19E-08	-5.10E-09	-7.40E-09	-5.10E-09	-1.03E-07	-1.04E-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

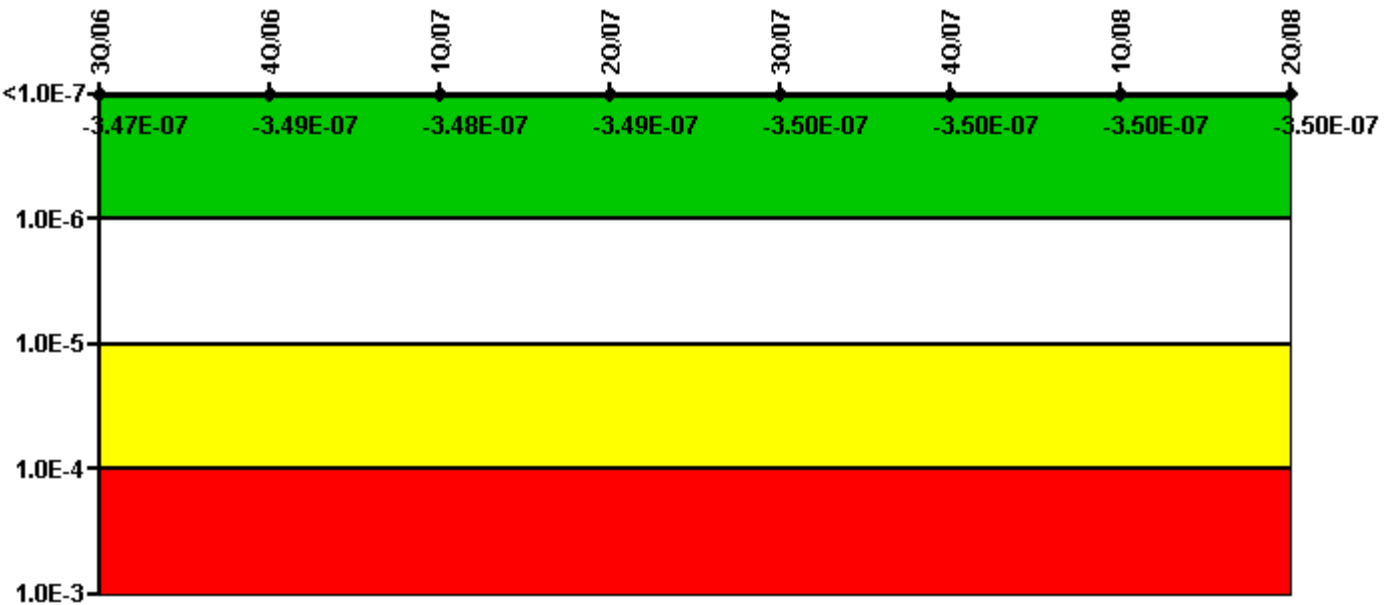
## Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI ( $\Delta$ CDF)	-1.30E-09	-1.80E-09	2.70E-09	9.80E-09	5.60E-09	5.10E-09	-7.50E-11	1.20E-08
URI ( $\Delta$ CDF)	-9.60E-08	-9.60E-08	-9.60E-08	-9.60E-08	-9.60E-08	-9.60E-08	-9.60E-08	-9.60E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-9.73E-08	-9.78E-08	-9.33E-08	-8.62E-08	-9.04E-08	-9.09E-08	-9.61E-08	-8.40E-08

Licensee Comments: none



# Mitigating Systems Performance Index, Cooling Water Systems



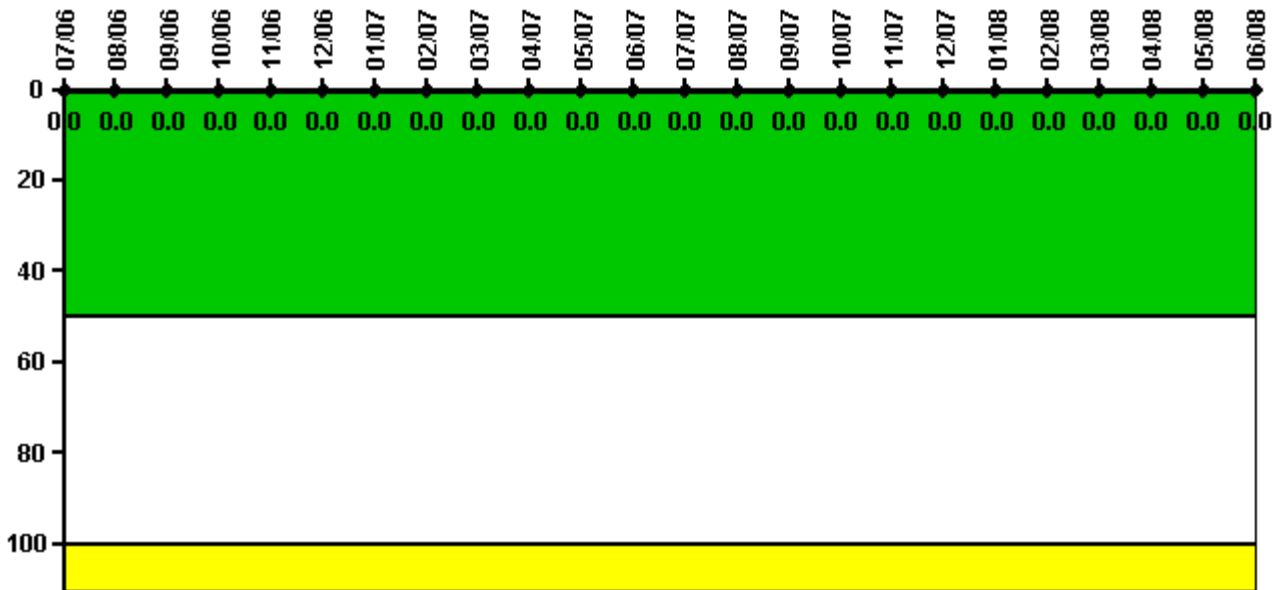
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI ( $\Delta$ CDF)	3.30E-09	1.10E-09	2.30E-09	7.20E-10	1.30E-10	3.40E-10	3.40E-10	3.40E-10
URI ( $\Delta$ CDF)	-3.50E-07	-3.50E-07	-3.50E-07	-3.50E-07	-3.50E-07	-3.50E-07	-3.50E-07	-3.50E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.47E-07	-3.49E-07	-3.48E-07	-3.49E-07	-3.50E-07	-3.50E-07	-3.50E-07	-3.50E-07

Licensee Comments: none

# Reactor Coolant System Activity



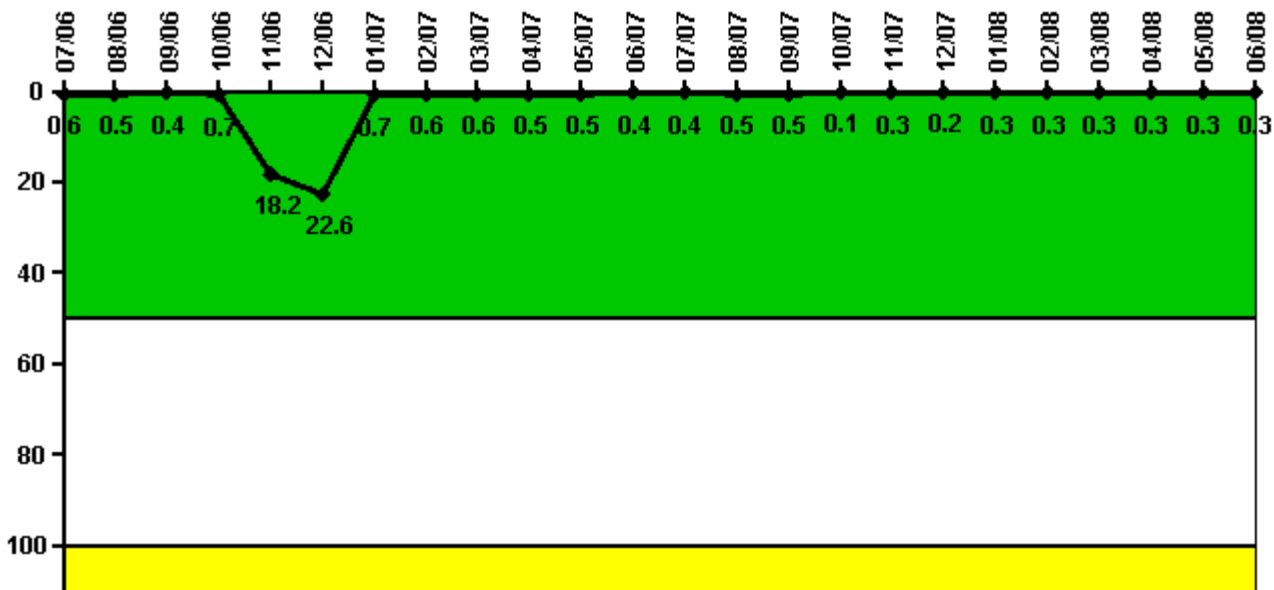
Thresholds: White > 50.0 Yellow > 100.0

## Notes

Reactor Coolant System Activity	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07
Maximum activity	0.000051	0.000049	0.000052	0.000054	0.000057	0.000059	0.000064	0.000066	0.000067	0.000068	0.000123	0.000074
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	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08
Maximum activity	0.000077	0.000079	0.000116	0.000033	0.000041	0.000127	0.000045	0.000081	0.000054	0.000054	0.000056	0.000060
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	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

# Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

## Notes

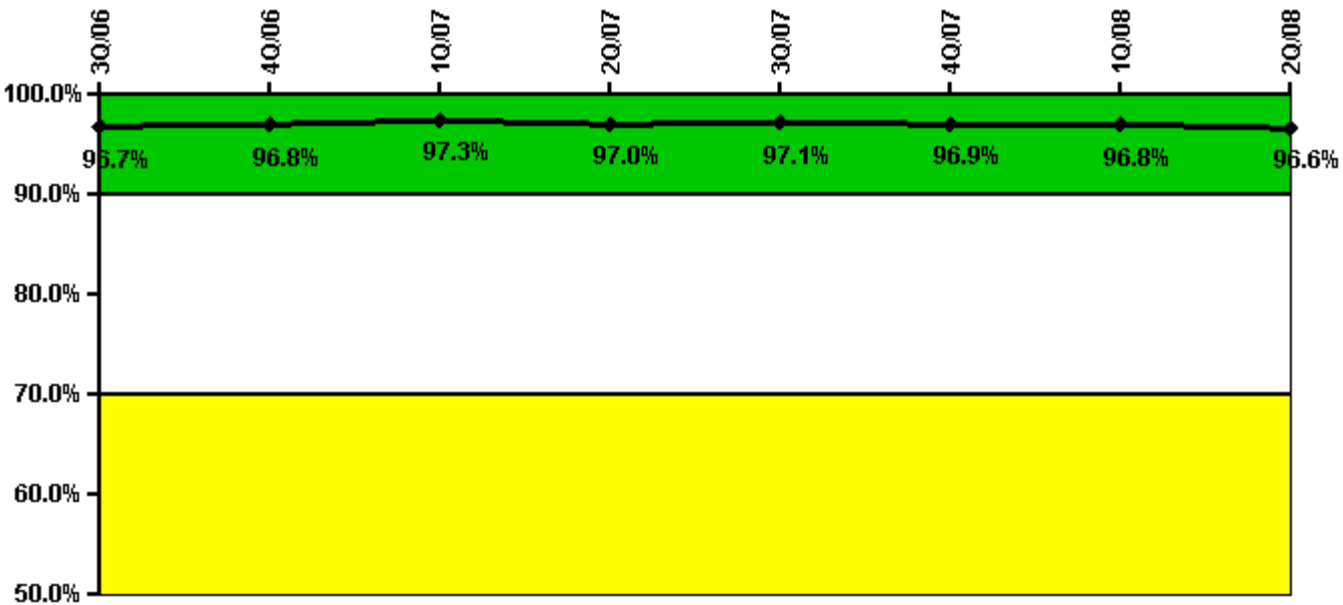
<b>Reactor Coolant System Leakage</b>	<b>7/06</b>	<b>8/06</b>	<b>9/06</b>	<b>10/06</b>	<b>11/06</b>	<b>12/06</b>	<b>1/07</b>	<b>2/07</b>	<b>3/07</b>	<b>4/07</b>	<b>5/07</b>	<b>6/07</b>
Maximum leakage	0.060	0.050	0.040	0.070	1.820	2.260	0.070	0.060	0.060	0.050	0.050	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
<b>Indicator value</b>	<b>0.6</b>	<b>0.5</b>	<b>0.4</b>	<b>0.7</b>	<b>18.2</b>	<b>22.6</b>	<b>0.7</b>	<b>0.6</b>	<b>0.6</b>	<b>0.5</b>	<b>0.5</b>	<b>0.4</b>
<b>Reactor Coolant System Leakage</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>	<b>4/08</b>	<b>5/08</b>	<b>6/08</b>
Maximum leakage	0.040	0.050	0.050	0.010	0.030	0.020	0.030	0.030	0.030	0.030	0.030	0.030
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
<b>Indicator value</b>	<b>0.4</b>	<b>0.5</b>	<b>0.5</b>	<b>0.1</b>	<b>0.3</b>	<b>0.2</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>

Licensee Comments:

6/08: Feb 08 data corrected to reflect actual leak rate of .03 gpm vice .09 gpm. Error was a result of inaccurate entry in AutoLog. No threshold or color shift occurred.

3/08: Feb 08 data corrected to reflect actual leak rate of .03 gpm vice .09 gpm. Error was a result of inaccurate entry in AutoLog. No threshold or color shift occurred.

## Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

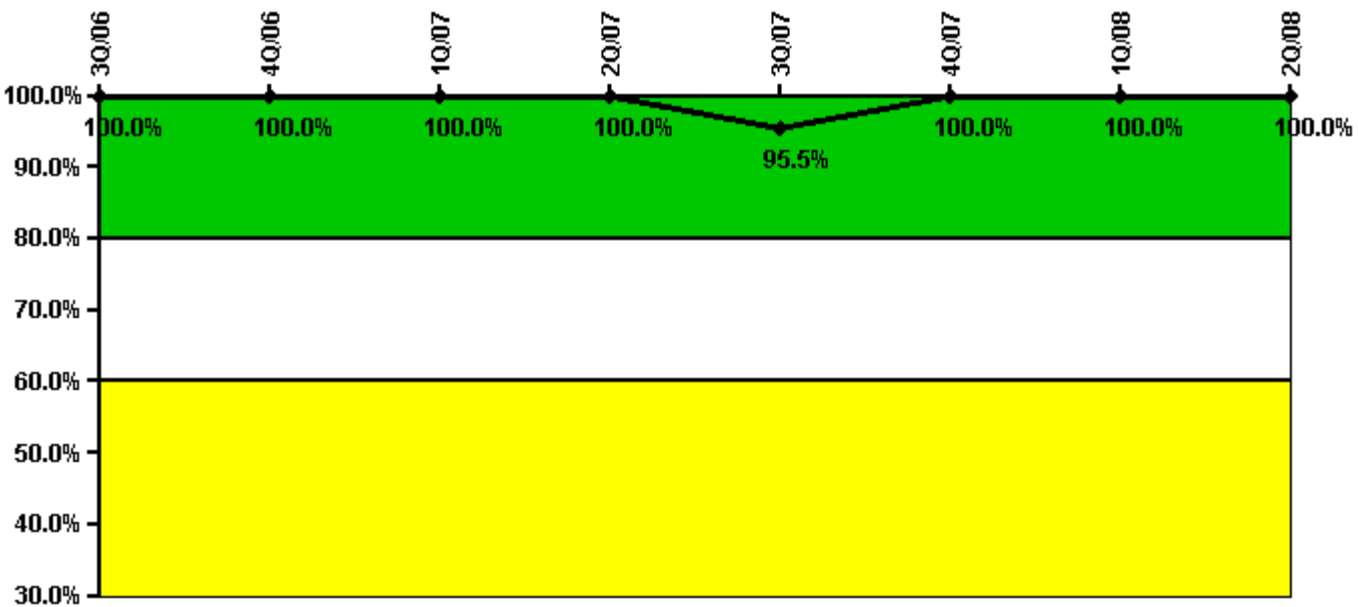
### Notes

Drill/Exercise Performance	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Successful opportunities	62.0	13.0	20.0	38.0	9.0	21.0	6.0	31.0
Total opportunities	63.0	13.0	20.0	40.0	10.0	22.0	6.0	33.0
Indicator value	96.7%	96.8%	97.3%	97.0%	97.1%	96.9%	96.8%	96.6%

Licensee Comments:

2Q/08: Total number of Drill opportunities was miscounted in Dec 2007. One notification PAR in Dec 2007 did not meet the accuracy requirements and should not have been counted as successful. None of these changes resulted in an Indicator color change.

# ERO Drill Participation



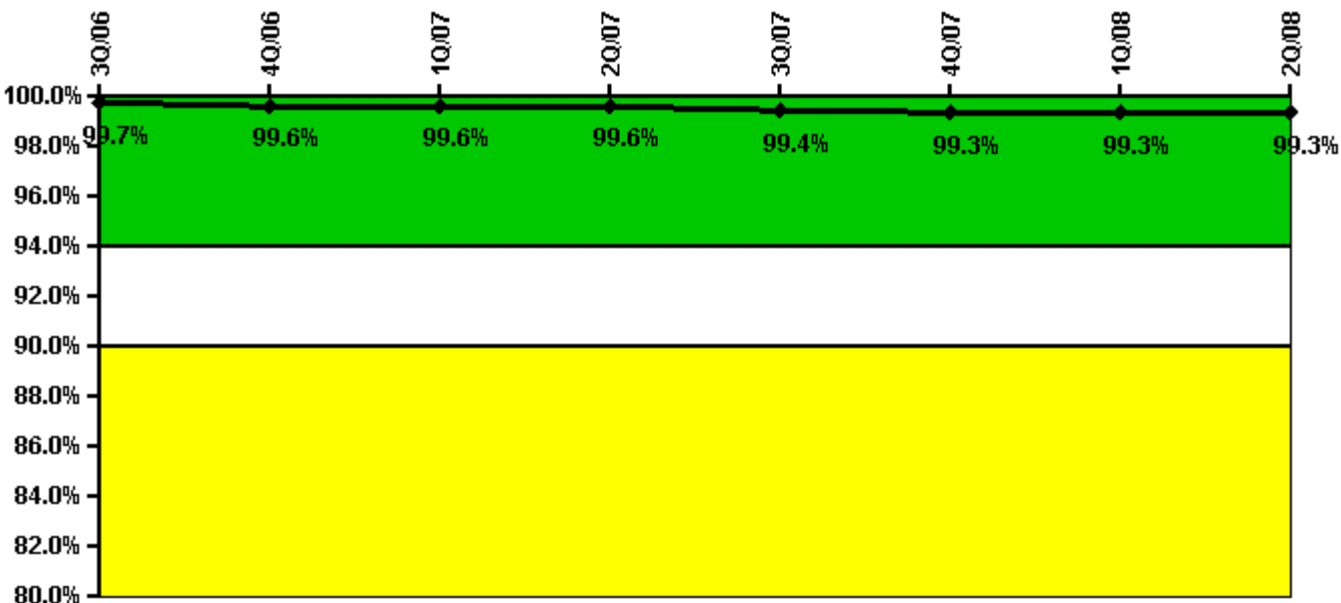
Thresholds: White < 80.0% Yellow < 60.0%

## Notes

ERO Drill Participation	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Participating Key personnel	46.0	45.0	43.0	44.0	42.0	43.0	42.0	42.0
Total Key personnel	46.0	45.0	43.0	44.0	44.0	43.0	42.0	42.0
Indicator value	100.0%	100.0%	100.0%	100.0%	95.5%	100.0%	100.0%	100.0%

Licensee Comments: none

# Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

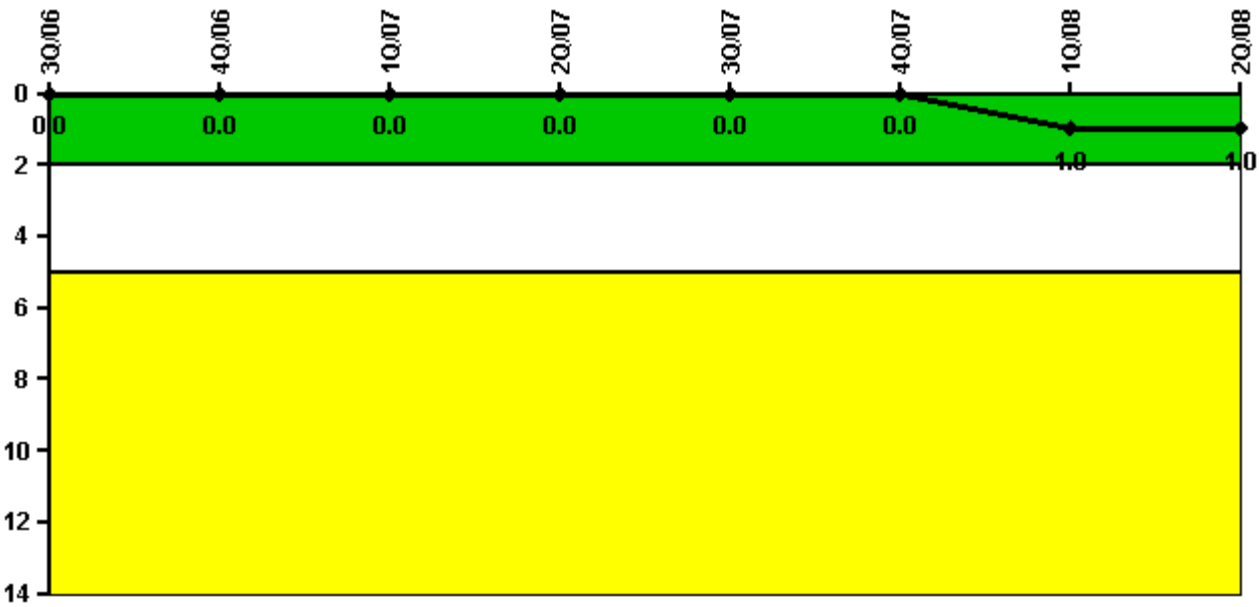
## Notes

Alert & Notification System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Successful siren-tests	644	646	565	647	637	563	565	663
Total sirens-tests	648	648	567	648	648	567	567	664
Indicator value	99.7%	99.6%	99.6%	99.6%	99.4%	99.3%	99.3%	99.3%

Licensee Comments:

2Q/08: ANS Successful siren test results for Aug 2007 were corrected to reflect 7 additional failures. This change did not result in an Indicator color change. Change in ANS Testing methodology in April 2008. HNP retired old siren system and placed new siren system in service. Actual testing process has not changed, however the total number of sirens has increased from 81 to 83.

# Occupational Exposure Control Effectiveness



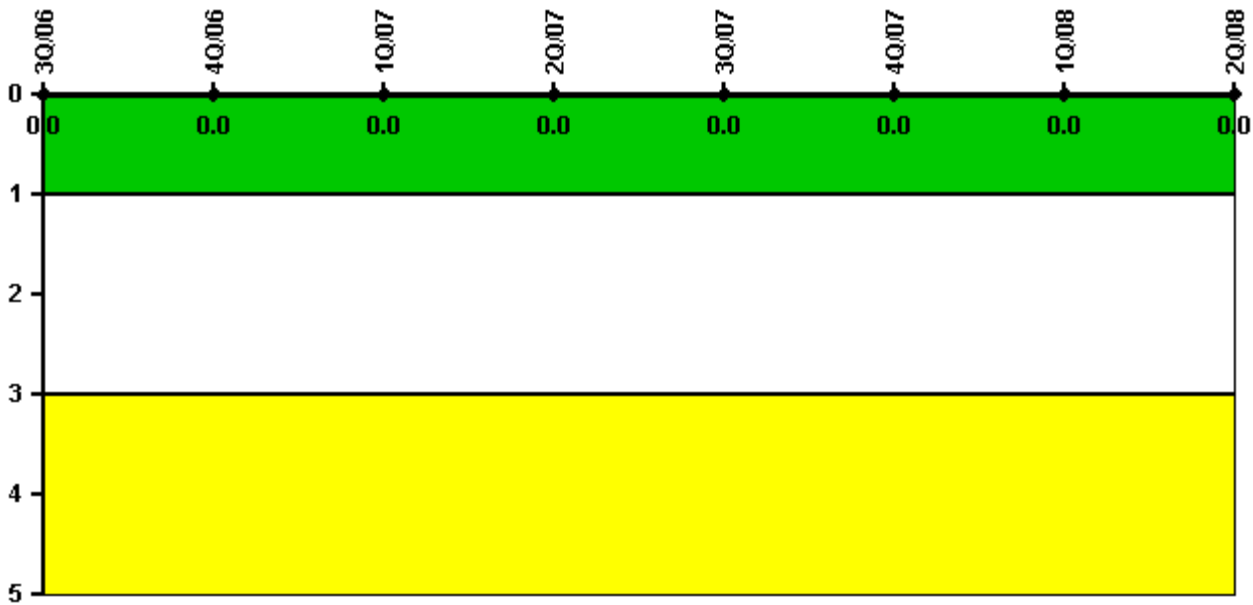
Thresholds: White > 2.0 Yellow > 5.0

## Notes

Occupational Exposure Control Effectiveness	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
High radiation area occurrences	0	0	0	0	0	0	1	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	1	1

Licensee Comments: none

# RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

## Notes

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