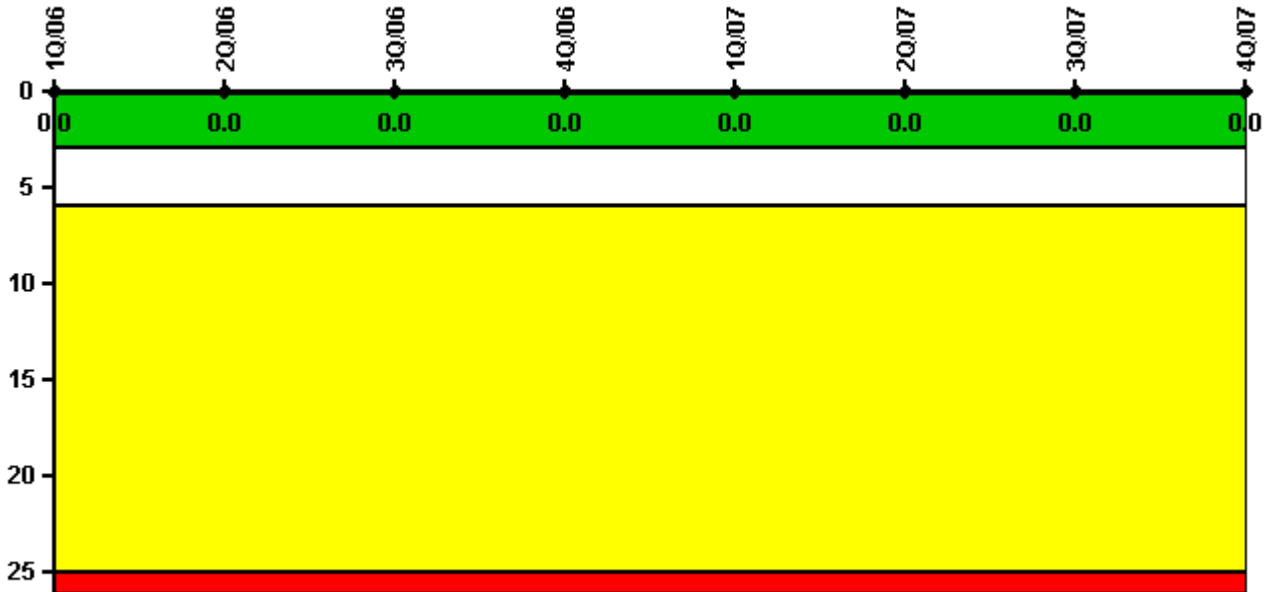


# Dresden 3

## 4Q/2007 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

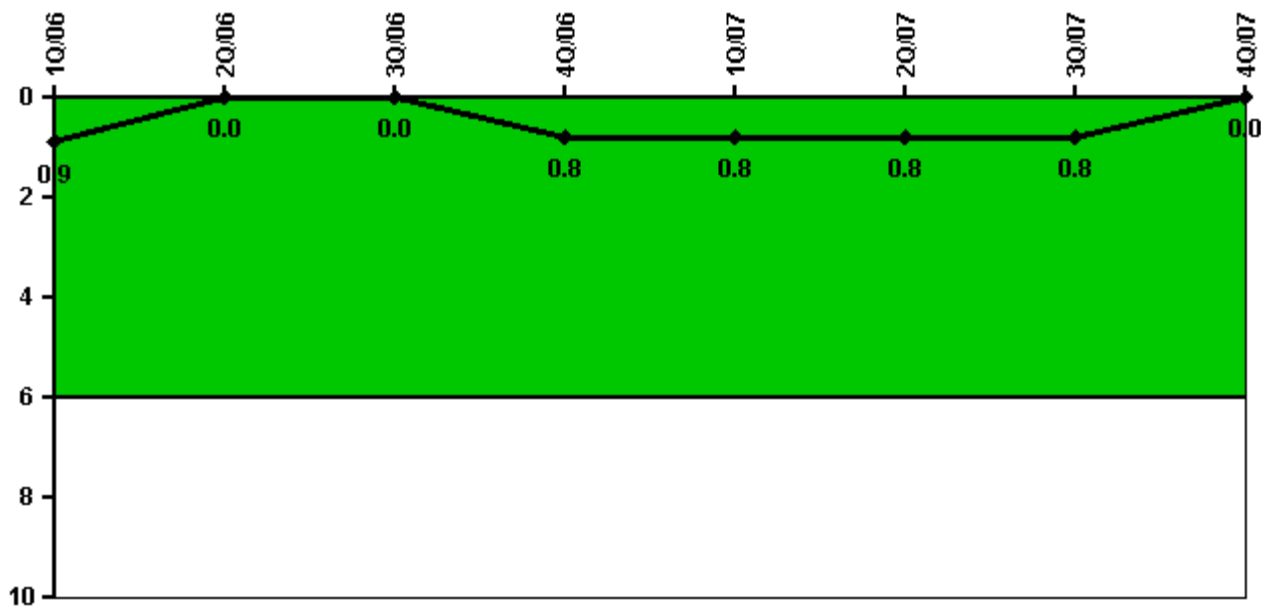
### Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2160.0	2183.0	2208.0	1770.1	2159.0	2184.0	2185.5	2209.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

---

## Unplanned Power Changes per 7000 Critical Hrs



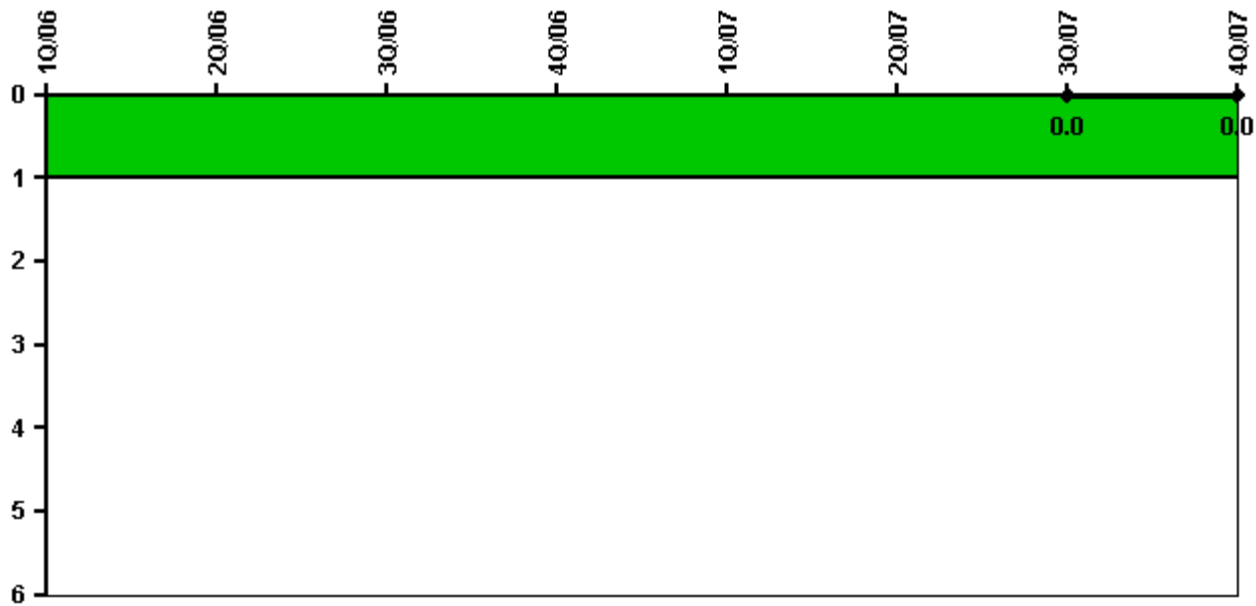
Thresholds: White > 6.0

### Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Unplanned power changes	0	0	0	1.0	0	0	0	0
Critical hours	2160.0	2183.0	2208.0	1770.1	2159.0	2184.0	2185.5	2209.0
<b>Indicator value</b>	<b>0.9</b>	<b>0</b>	<b>0</b>	<b>0.8</b>	<b>0.8</b>	<b>0.8</b>	<b>0.8</b>	<b>0</b>

Licensee Comments: none

# Unplanned Scrams with Complications



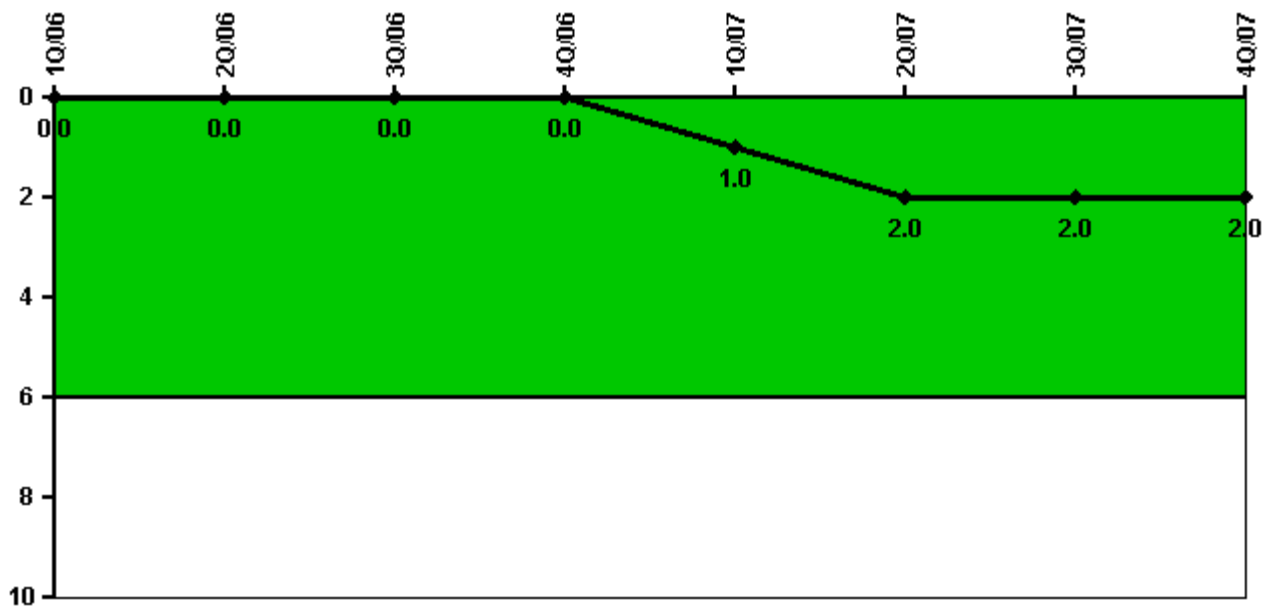
Thresholds: White > 1.0

## Notes

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

Licensee Comments: none

# Safety System Functional Failures (BWR)



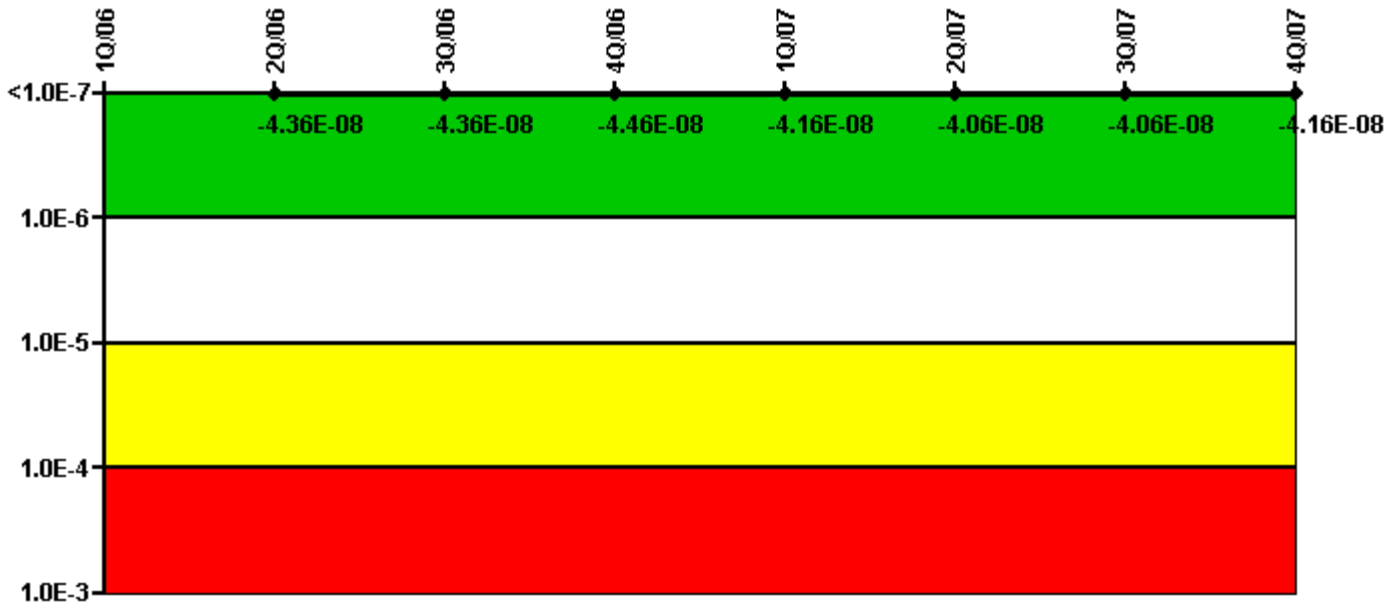
Thresholds: White > 6.0

## Notes

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

Licensee Comments: none

# Mitigating Systems Performance Index, Emergency AC Power System



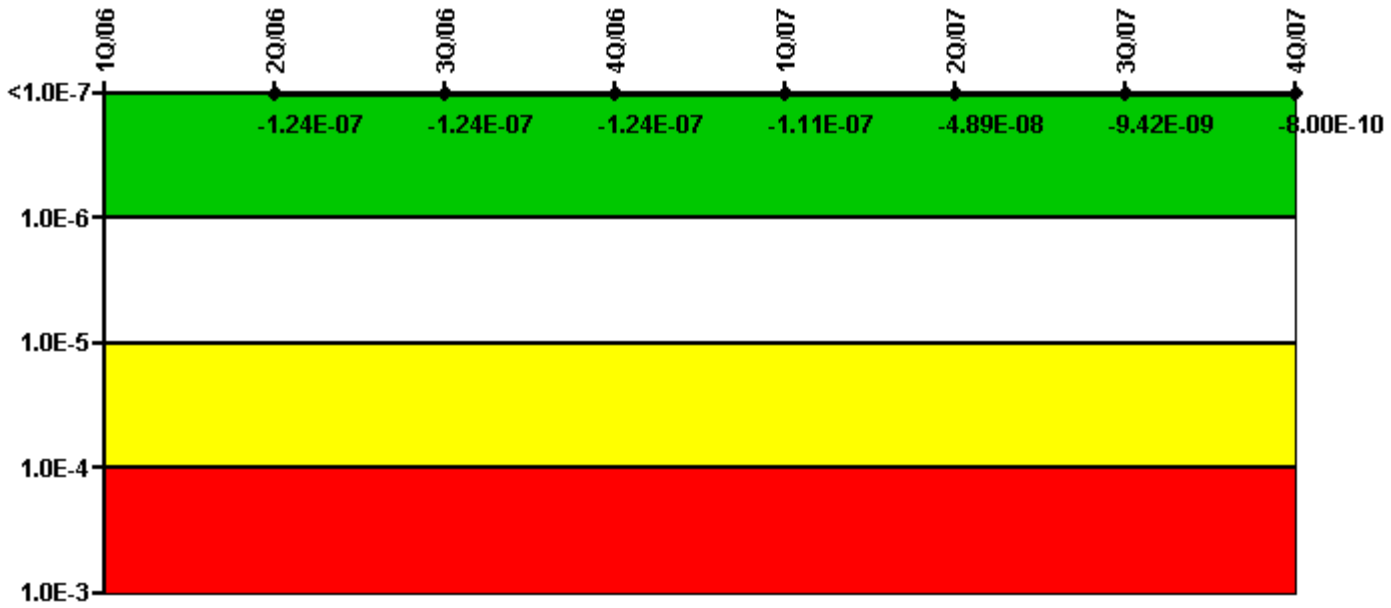
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI ( $\Delta$ CDF)		-4.60E-09	-4.60E-09	-4.60E-09	-4.60E-09	-4.60E-09	-4.60E-09	-4.60E-09
URI ( $\Delta$ CDF)		-3.90E-08	-3.90E-08	-4.00E-08	-3.70E-08	-3.60E-08	-3.60E-08	-3.70E-08
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		-4.36E-08	-4.36E-08	-4.46E-08	-4.16E-08	-4.06E-08	-4.06E-08	-4.16E-08

Licensee Comments: none

# Mitigating Systems Performance Index, High Pressure Injection System



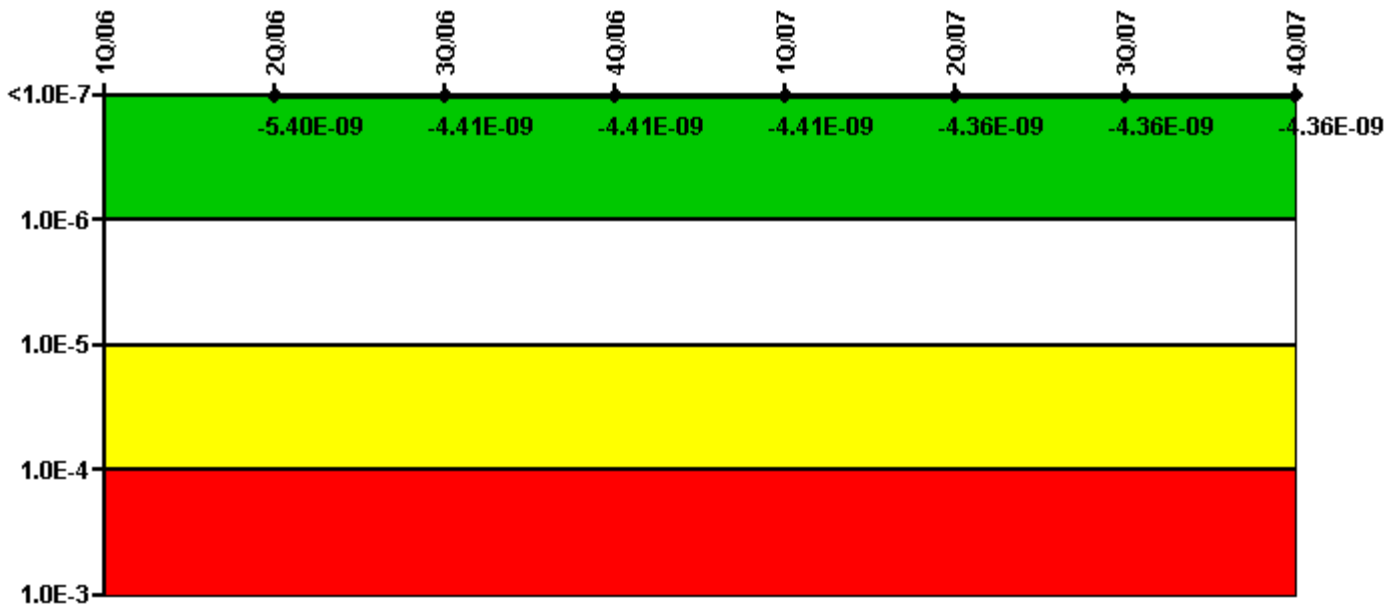
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI ( $\Delta$ CDF)		-5.20E-08	-5.20E-08	-5.20E-08	-3.90E-08	-3.90E-08	4.80E-10	9.10E-09
URI ( $\Delta$ CDF)		-7.20E-08	-7.20E-08	-7.20E-08	-7.20E-08	-9.90E-09	-9.90E-09	-9.90E-09
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		-1.24E-07	-1.24E-07	-1.24E-07	-1.11E-07	-4.89E-08	-9.42E-09	-8.00E-10

Licensee Comments: none

# Mitigating Systems Performance Index, Heat Removal System



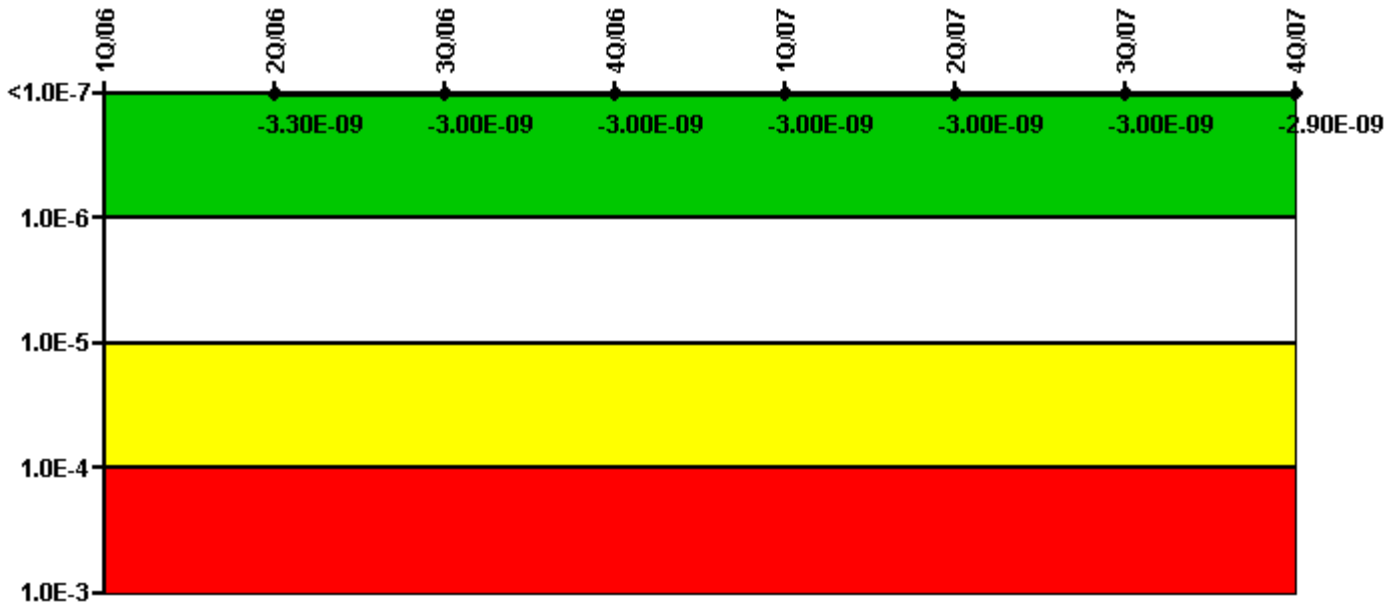
Thresholds: White >  $1.00E-6$  Yellow >  $1.00E-5$  Red >  $1.00E-4$

## Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI ( $\Delta$ CDF)		$-4.30E-09$	$-4.30E-09$	$-4.30E-09$	$-4.30E-09$	$-4.30E-09$	$-4.30E-09$	$-4.30E-09$
URI ( $\Delta$ CDF)		$-1.10E-09$	$-1.10E-10$	$-1.10E-10$	$-1.10E-10$	$-6.00E-11$	$-6.00E-11$	$-6.00E-11$
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		$-5.40E-09$	$-4.41E-09$	$-4.41E-09$	$-4.41E-09$	$-4.36E-09$	$-4.36E-09$	$-4.36E-09$

Licensee Comments: none

# Mitigating Systems Performance Index, Residual Heat Removal System



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

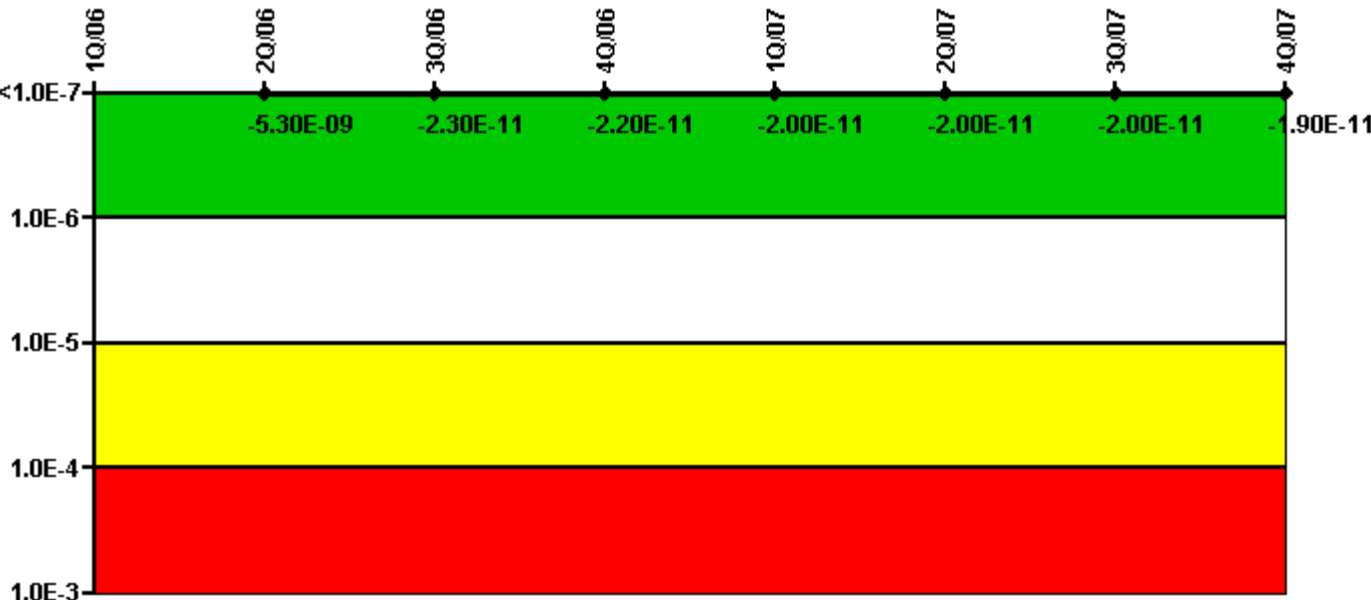
## Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI ( $\Delta$ CDF)		-1.30E-09	-1.30E-09	-1.30E-09	-1.30E-09	-1.30E-09	-1.30E-09	-1.30E-09
URI ( $\Delta$ CDF)		-2.00E-09	-1.70E-09	-1.70E-09	-1.70E-09	-1.70E-09	-1.70E-09	-1.60E-09
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		-3.30E-09	-3.00E-09	-3.00E-09	-3.00E-09	-3.00E-09	-3.00E-09	-2.90E-09

Licensee Comments: none



# Mitigating Systems Performance Index, Cooling Water Systems



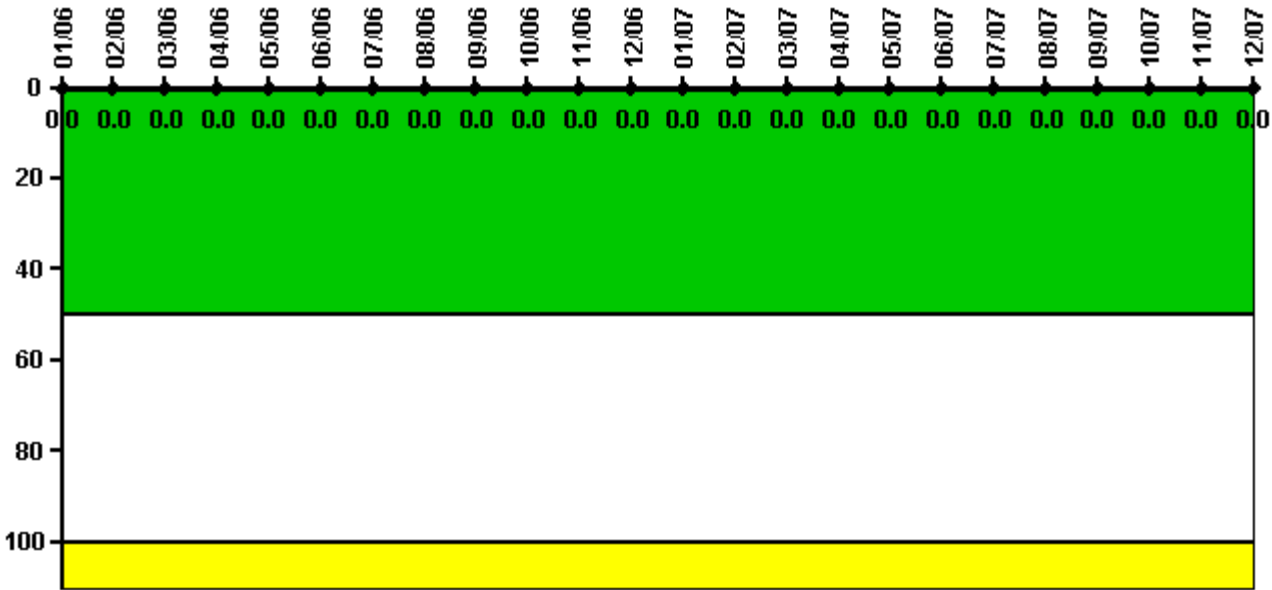
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI ( $\Delta$ CDF)		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
URI ( $\Delta$ CDF)		-5.30E-09	-2.30E-11	-2.20E-11	-2.00E-11	-2.00E-11	-2.00E-11	-1.90E-11
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		-5.30E-09	-2.30E-11	-2.20E-11	-2.00E-11	-2.00E-11	-2.00E-11	-1.90E-11

Licensee Comments: none

# Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

## Notes

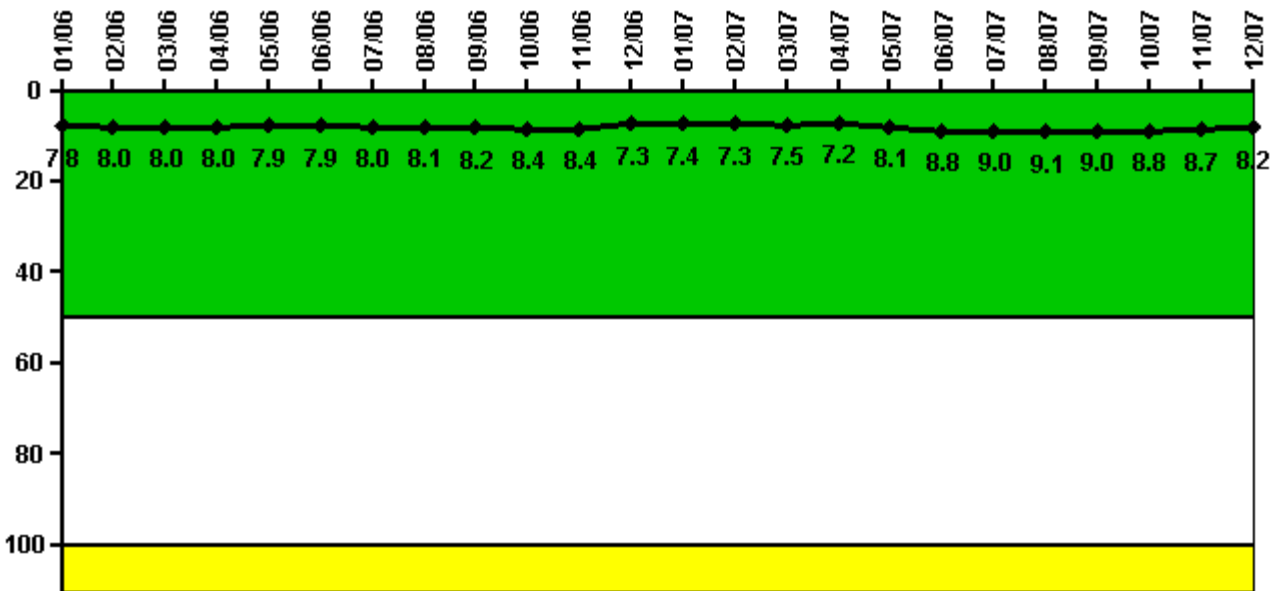
Reactor Coolant System Activity	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06
Maximum activity	0.000006	0.000006	0.000004	0.000003	0.000003	0.000004	0.000003	0.000004	0.000003	0.000003	0.000015	0.000015
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07
Maximum activity	0.000015	0.000022	0.000020	0.000023	0.000023	0.000024	0.000029	0.000018	0.000020	0.000023	0.000030	0.000032
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	0	0	0	0

Licensee Comments: none

## Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

### Notes

Reactor Coolant System Leakage	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06
Maximum leakage	1.962	1.995	2.003	1.988	1.983	1.973	2.002	2.017	2.058	2.092	2.110	1.820
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	7.8	8.0	8.0	8.0	7.9	7.9	8.0	8.1	8.2	8.4	8.4	7.3

Reactor Coolant System Leakage	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07
Maximum leakage	1.840	1.828	1.863	1.808	2.015	2.205	2.242	2.265	2.242	2.192	2.180	2.043
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	7.4	7.3	7.5	7.2	8.1	8.8	9.0	9.1	9.0	8.8	8.7	8.2

### Licensee Comments:

12/07: In November 2007, corrections were made to some historical Unit 3 RCSL values in the period May 2006 through September 2007. This was due to incorrect formulas having been used to generate the original RCSL values.

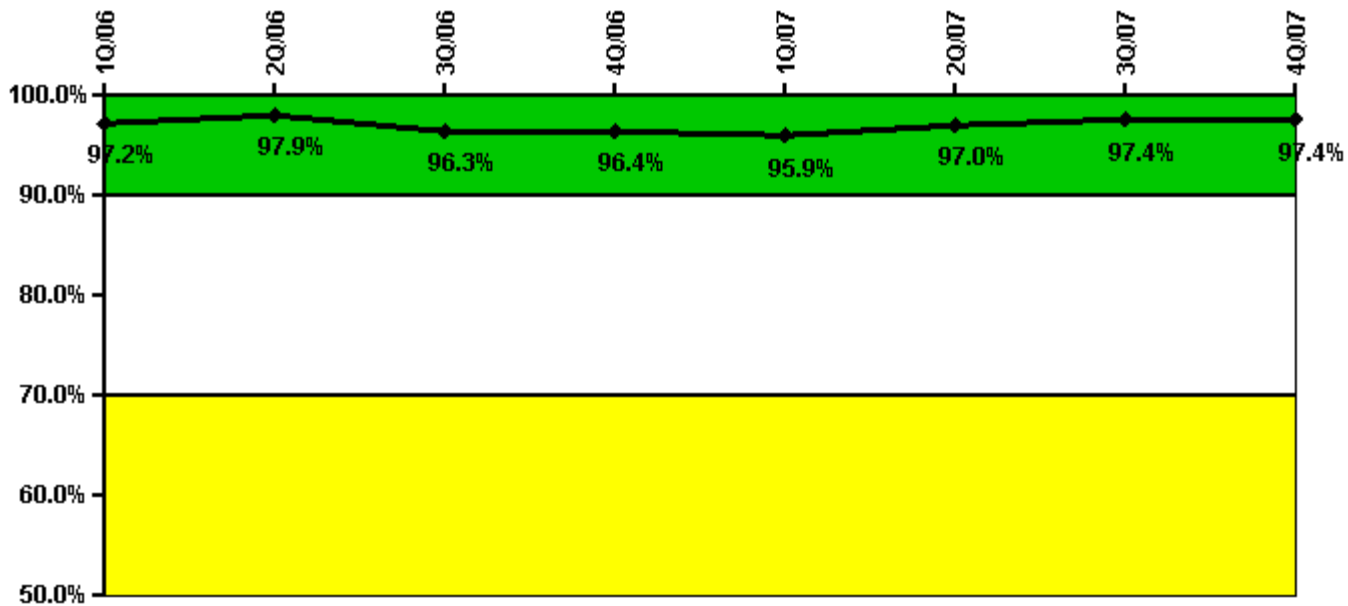
9/07: RCSL values for July 07, August 07, and September 07 were corrected in 4th Quarter 07. Indicator remains Green.

3/07: RCSL value for January 07 was corrected in 4th Quarter 07. Indicator remains Green.

9/06: RCSL value for September 06 was corrected in 4th Quarter 07. Indicator remains Green.

6/06: RCSL value for May 06 was corrected in 4th Quarter 07. Indicator remains Green.

## Drill/Exercise Performance



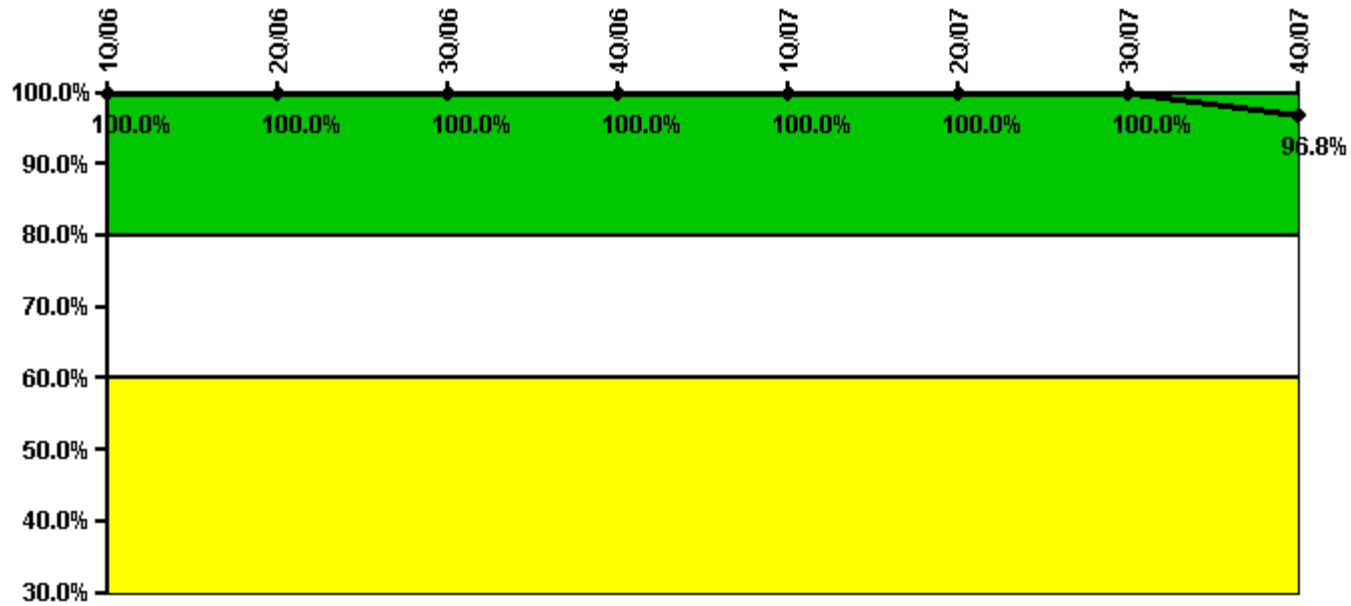
Thresholds: White < 90.0% Yellow < 70.0%

### Notes

Drill/Exercise Performance	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Successful opportunities	48.0	38.0	14.0	12.0	50.0	54.0	40.0	2.0
Total opportunities	48.0	38.0	19.0	12.0	52.0	54.0	40.0	2.0
<b>Indicator value</b>	<b>97.2%</b>	<b>97.9%</b>	<b>96.3%</b>	<b>96.4%</b>	<b>95.9%</b>	<b>97.0%</b>	<b>97.4%</b>	<b>97.4%</b>

Licensee Comments: none

# ERO Drill Participation



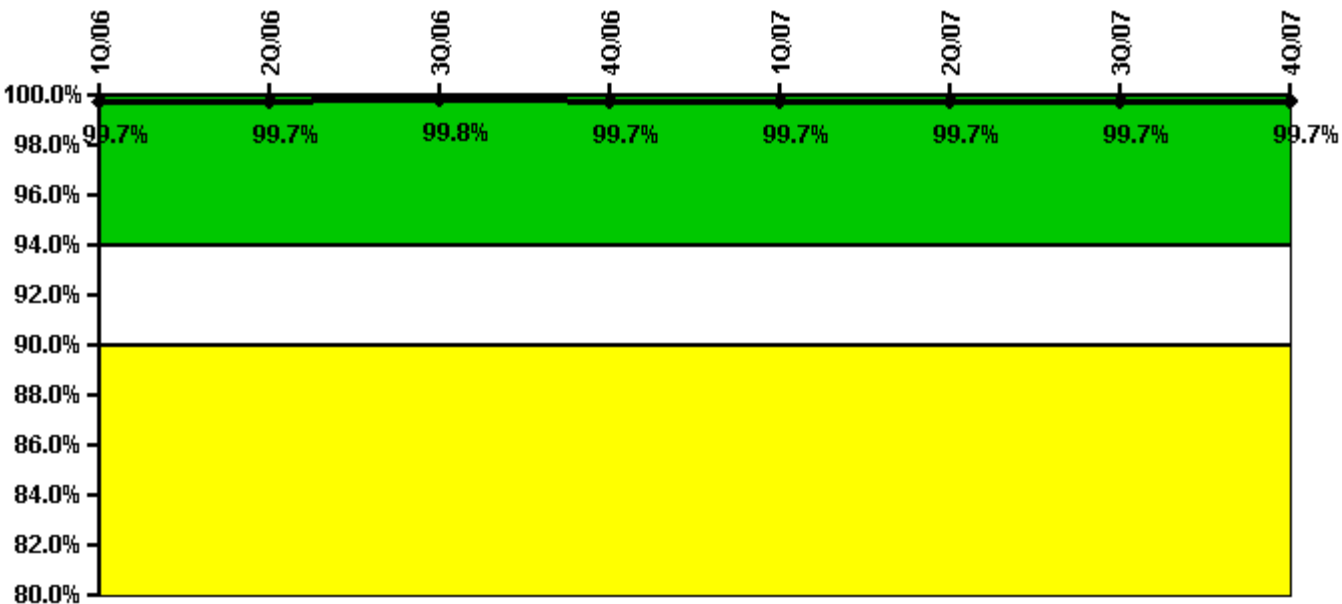
Thresholds: White < 80.0% Yellow < 60.0%

## Notes

ERO Drill Participation	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Participating Key personnel	69.0	66.0	65.0	66.0	63.0	65.0	63.0	60.0
Total Key personnel	69.0	66.0	65.0	66.0	63.0	65.0	63.0	62.0
<b>Indicator value</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>96.8%</b>

Licensee Comments: none

# Alert & Notification System



**Thresholds: White < 94.0% Yellow < 90.0%**

## Notes

Alert & Notification System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Successful siren-tests	5061	4979	4971	4902	4985	4977	4961	4982
Total sirens-tests	5070	4991	4992	4914	4992	4990	4992	4992
<b>Indicator value</b>	<b>99.7%</b>	<b>99.7%</b>	<b>99.8%</b>	<b>99.7%</b>	<b>99.7%</b>	<b>99.7%</b>	<b>99.7%</b>	<b>99.7%</b>

Licensee Comments: none

# Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

## Notes

Occupational Exposure Control Effectiveness	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
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	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
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: February 4, 2008