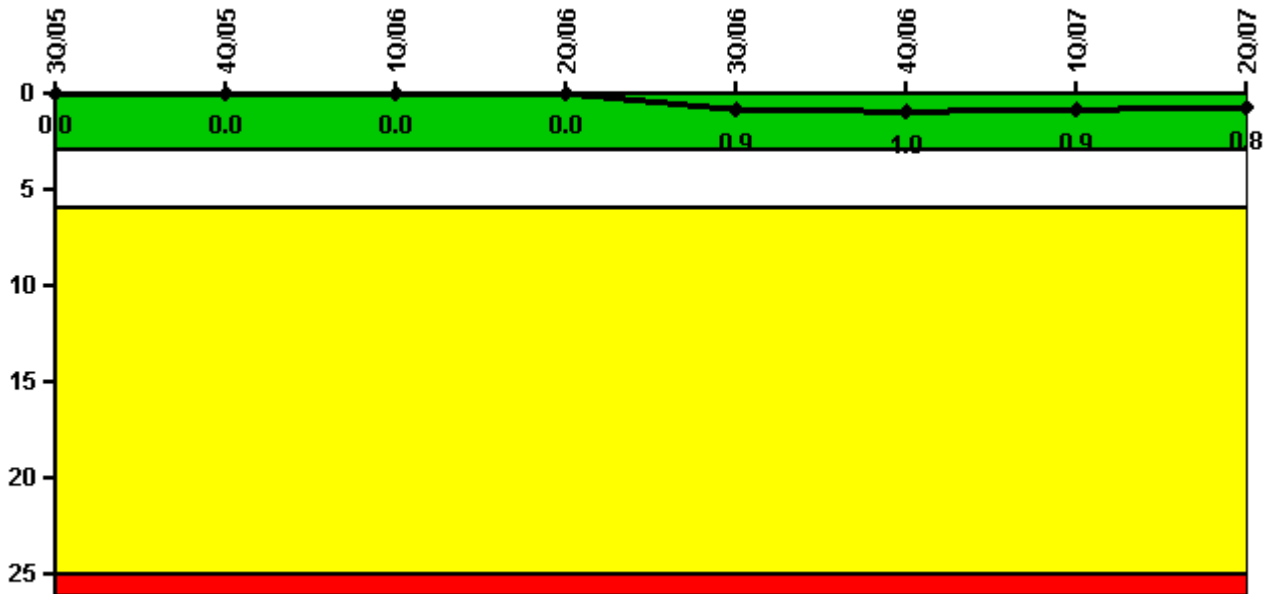


# Davis-Besse

## 2Q/2007 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

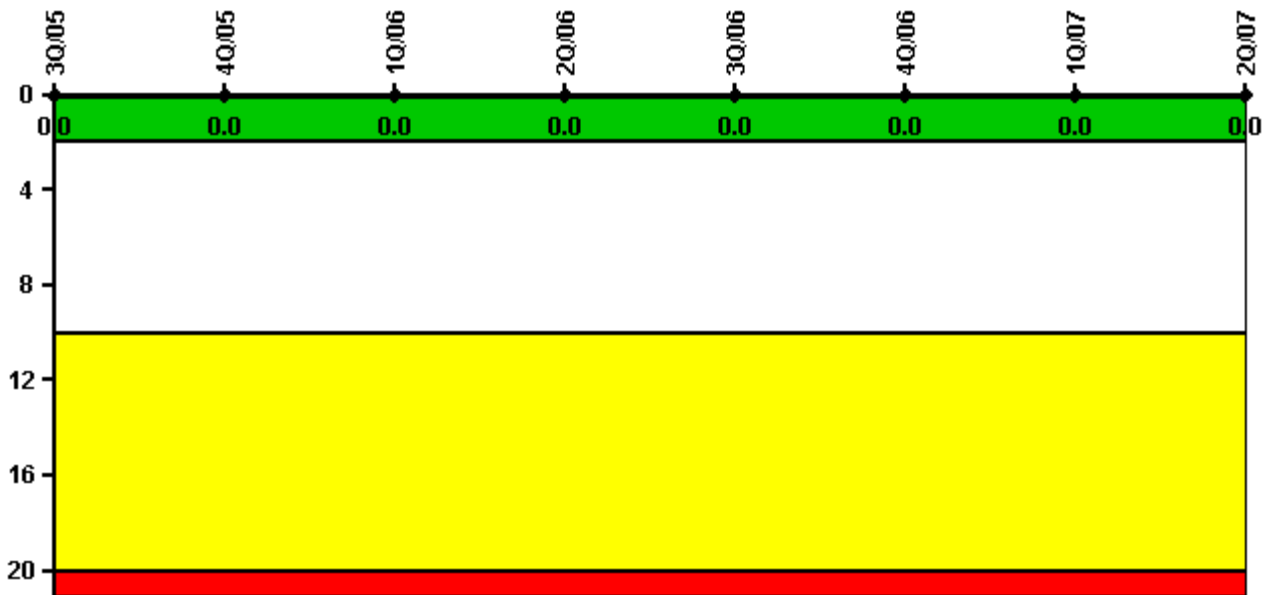
### Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Unplanned scrams	0	0	0	0	1.0	0	0	0
Critical hours	2208.0	2174.1	1536.0	1588.9	2168.7	2061.6	2159.0	2184.0
Indicator value	0	0	0	0	0.9	1.0	0.9	0.8

Licensee Comments: none

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## Scrams with Loss of Normal Heat Removal



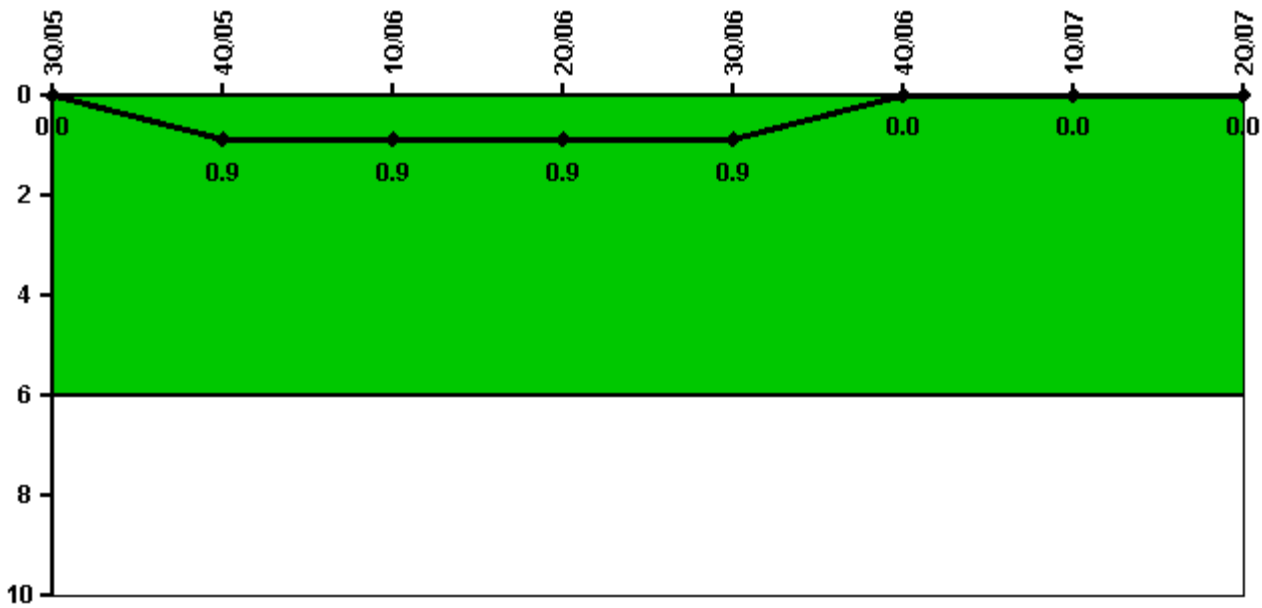
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

### Notes

Scrams with Loss of Normal Heat Removal	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
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



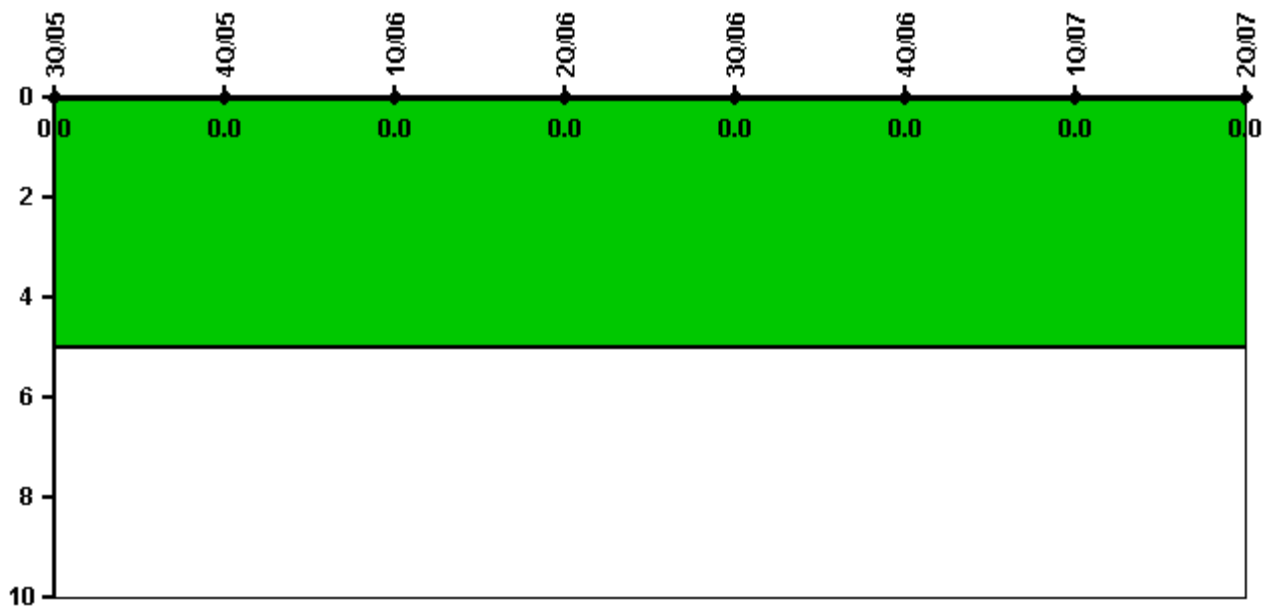
Thresholds: White > 6.0

### Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Unplanned power changes	0	1.0	0	0	0	0	0	0
Critical hours	2208.0	2174.1	1536.0	1588.9	2168.7	2061.6	2159.0	2184.0
Indicator value	0	0.9	0.9	0.9	0.9	0	0	0

Licensee Comments: none

# Safety System Functional Failures (PWR)



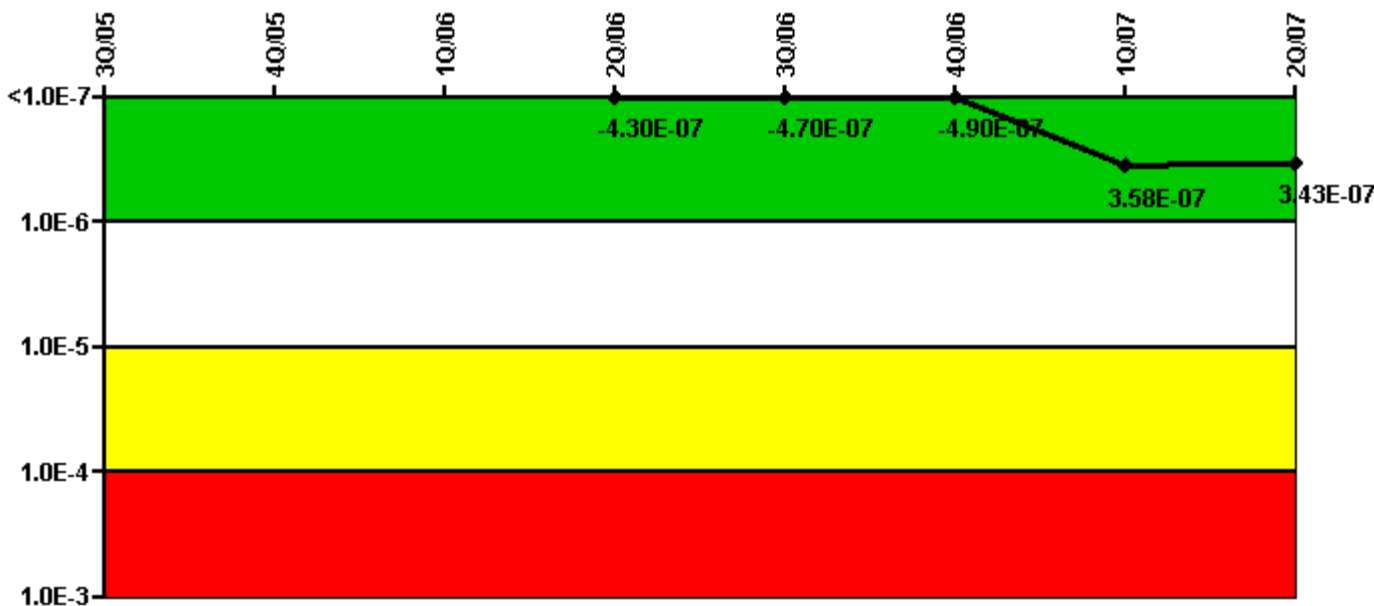
Thresholds: White > 5.0

## Notes

Safety System Functional Failures (PWR)	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
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/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI ( $\Delta$ CDF)				$2.80E-07$	$1.50E-07$	$1.10E-07$	$2.70E-07$	$2.70E-07$
URI ( $\Delta$ CDF)				$-7.10E-07$	$-6.20E-07$	$-6.00E-07$	$8.80E-08$	$7.30E-08$
PLE				NO	NO	NO	NO	NO
Indicator value				$-4.30E-07$	$-4.70E-07$	$-4.90E-07$	$3.58E-07$	$3.43E-07$

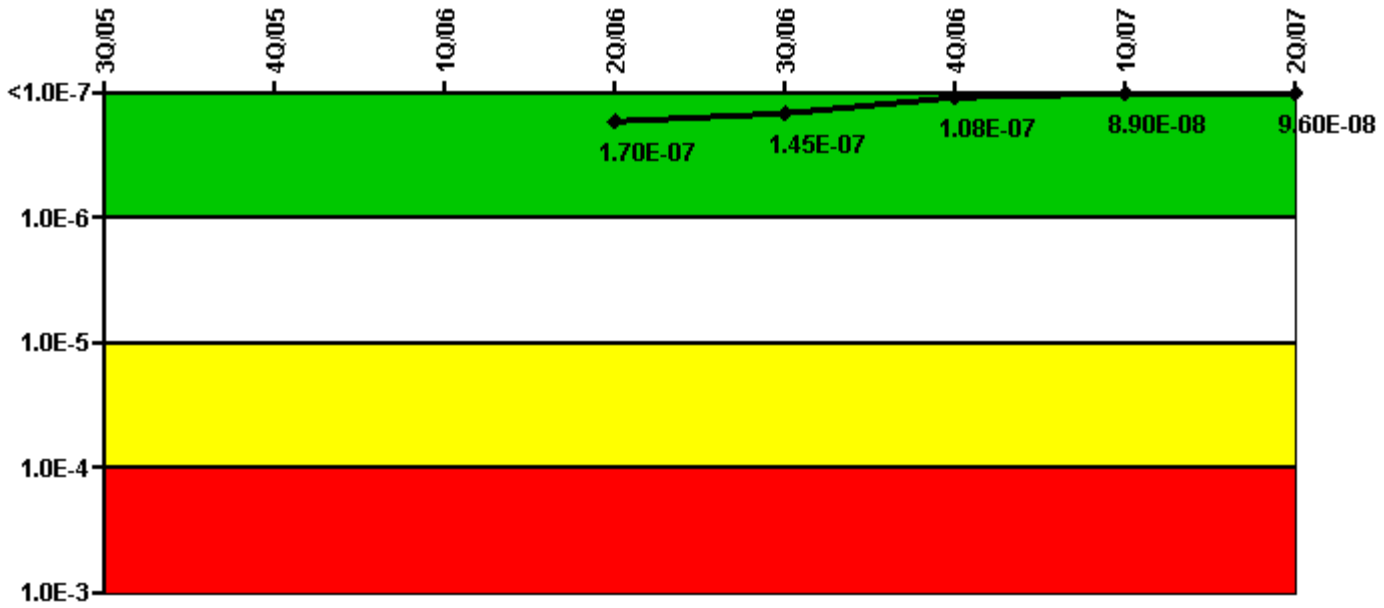
Licensee Comments:

4Q/06: Risk Cap Invoked. Changed PRA Parameter(s). Minor data error in Planned Unavailable hours for EDG 1 in March 2004 corrected. This correction did not result in a change to the indicator value.

3Q/06: Changed PRA Parameter(s).

2Q/06: Changed PRA Parameter(s).

# Mitigating Systems Performance Index, High Pressure Injection System



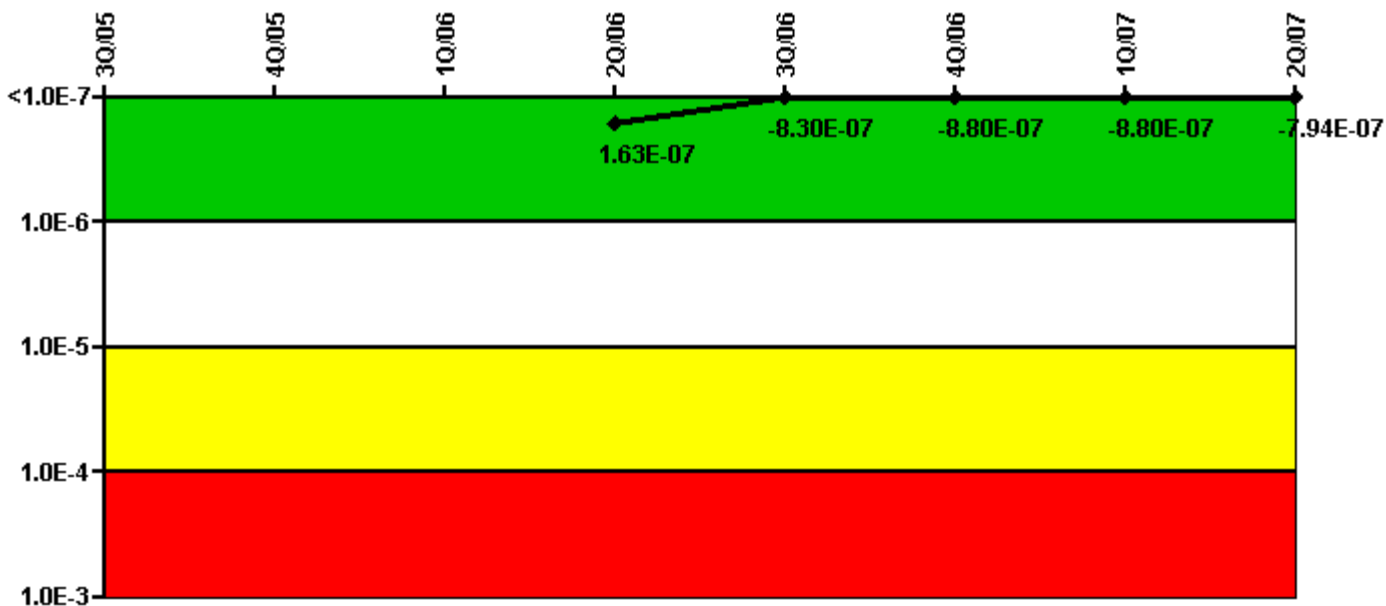
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (ΔCDF)				2.10E-07	1.80E-07	1.40E-07	1.20E-07	1.30E-07
URI (ΔCDF)				-4.00E-08	-3.50E-08	-3.20E-08	-3.10E-08	-3.40E-08
PLE				NO	NO	NO	NO	NO
Indicator value				1.70E-07	1.45E-07	1.08E-07	8.90E-08	9.60E-08

Licensee Comments: none

# Mitigating Systems Performance Index, Heat Removal System



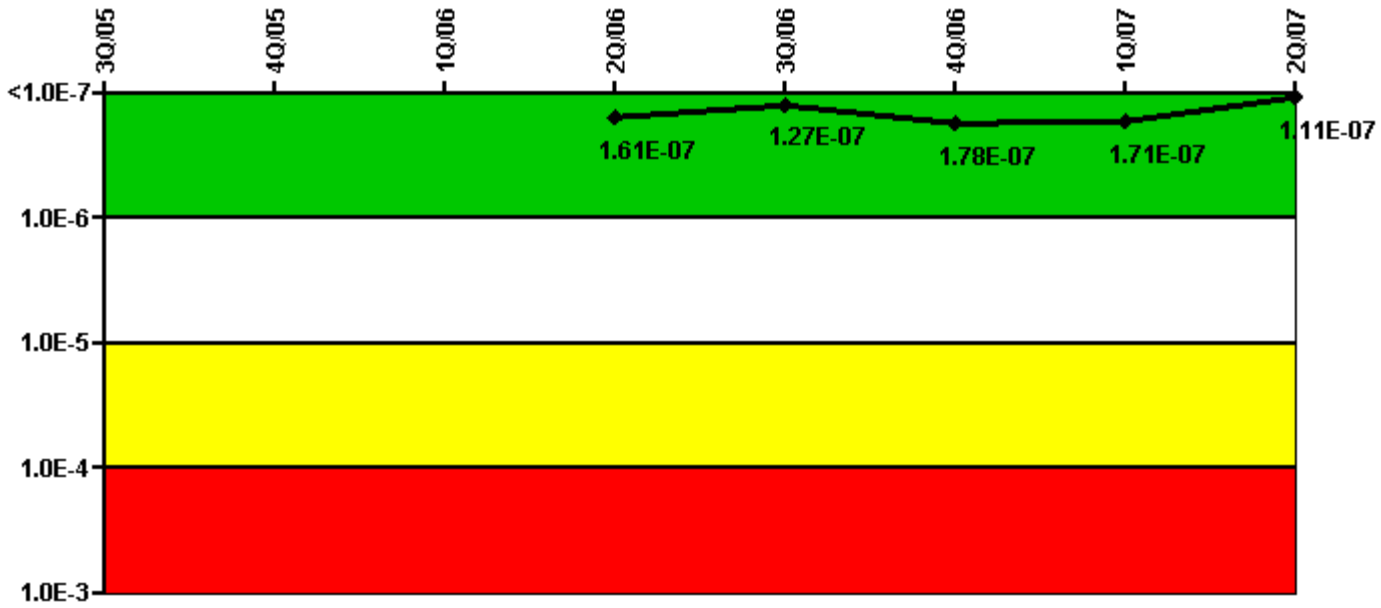
Thresholds: White >  $1.00E-6$  Yellow >  $1.00E-5$  Red >  $1.00E-4$

## Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI ( $\Delta$ CDF)				$1.60E-07$	$1.50E-07$	$1.10E-07$	$1.00E-07$	$8.60E-08$
URI ( $\Delta$ CDF)				$3.20E-09$	$-9.80E-07$	$-9.90E-07$	$-9.80E-07$	$-8.80E-07$
PLE				NO	NO	NO	NO	NO
Indicator value				$1.63E-07$	$-8.30E-07$	$-8.80E-07$	$-8.80E-07$	$-7.94E-07$

Licensee Comments: none

# Mitigating Systems Performance Index, Residual Heat Removal System



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

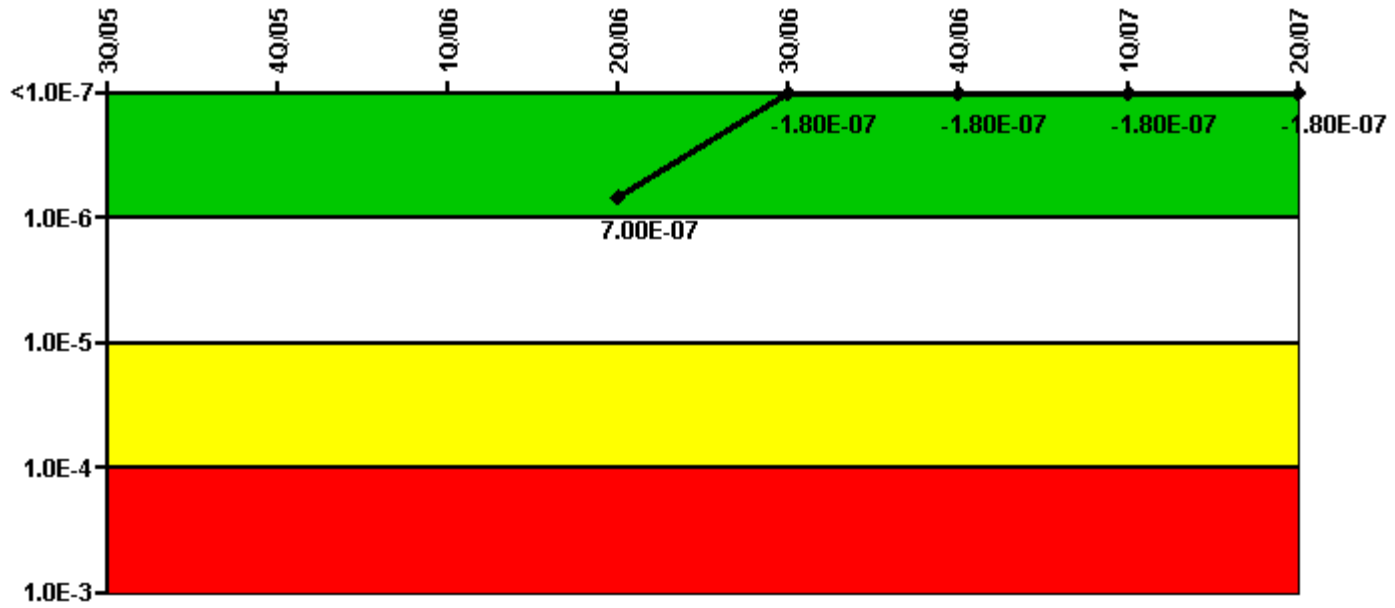
## Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (ΔCDF)				2.60E-07	2.00E-07	2.30E-07	2.20E-07	1.60E-07
URI (ΔCDF)				-9.90E-08	-7.30E-08	-5.20E-08	-4.90E-08	-4.90E-08
PLE				NO	NO	NO	NO	NO
Indicator value				1.61E-07	1.27E-07	1.78E-07	1.71E-07	1.11E-07

Licensee Comments: none



# Mitigating Systems Performance Index, Cooling Water Systems



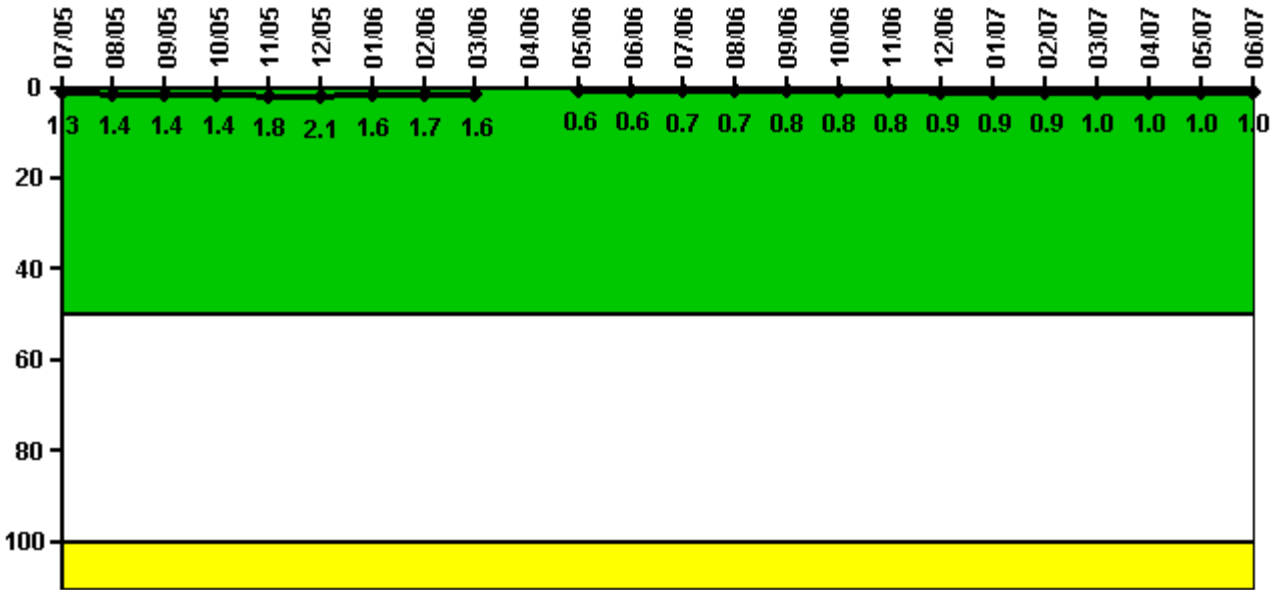
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (ΔCDF)				-1.50E-10	-1.50E-10	-1.50E-10	-1.60E-10	-1.60E-10
URI (ΔCDF)				7.00E-07	-1.80E-07	-1.80E-07	-1.80E-07	-1.80E-07
PLE				NO	NO	NO	NO	NO
Indicator value				7.00E-07	-1.80E-07	-1.80E-07	-1.80E-07	-1.80E-07

Licensee Comments: none

# Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

## Notes

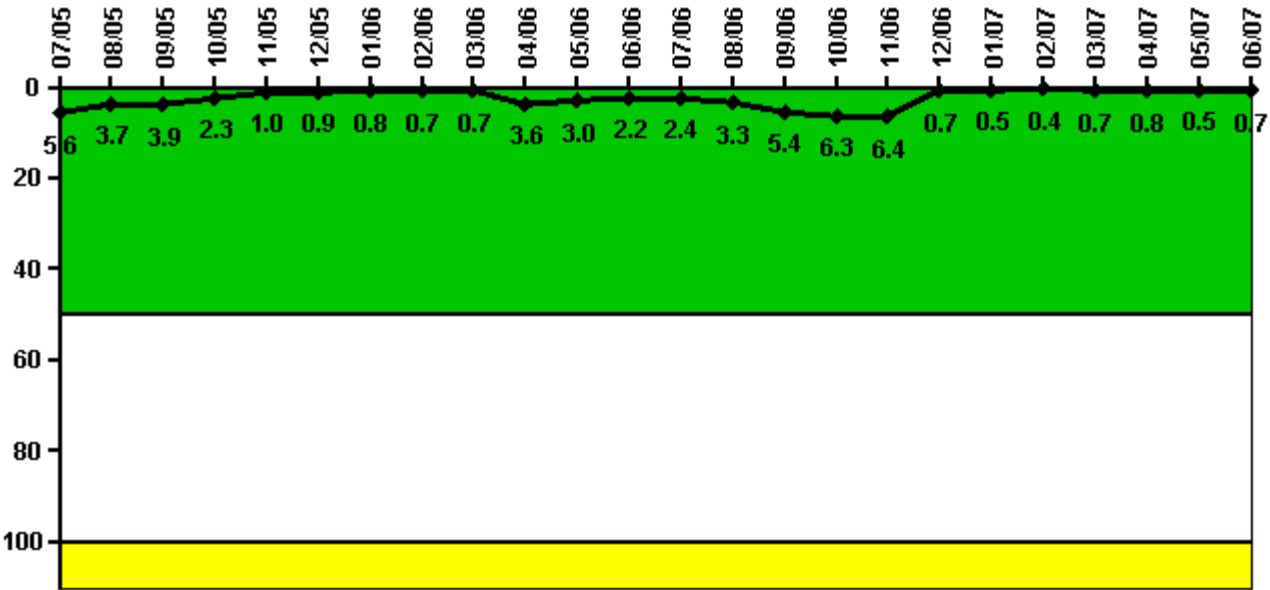
Reactor Coolant System Activity	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06
Maximum activity	0.013000	0.014000	0.014000	0.014000	0.018000	0.021000	0.016000	0.017000	0.016000	N/A	0.005500	0.006300
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	1.3	1.4	1.4	1.4	1.8	2.1	1.6	1.7	1.6	N/A	0.6	0.6

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	0.006800	0.007400	0.007800	0.008300	0.008200	0.009100	0.009000	0.009200	0.009500	0.009700	0.010000	0.010000
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	0.7	0.7	0.8	0.8	0.8	0.9	0.9	0.9	1.0	1.0	1.0	1.0

Licensee Comments: none

# Reactor Coolant System Leakage



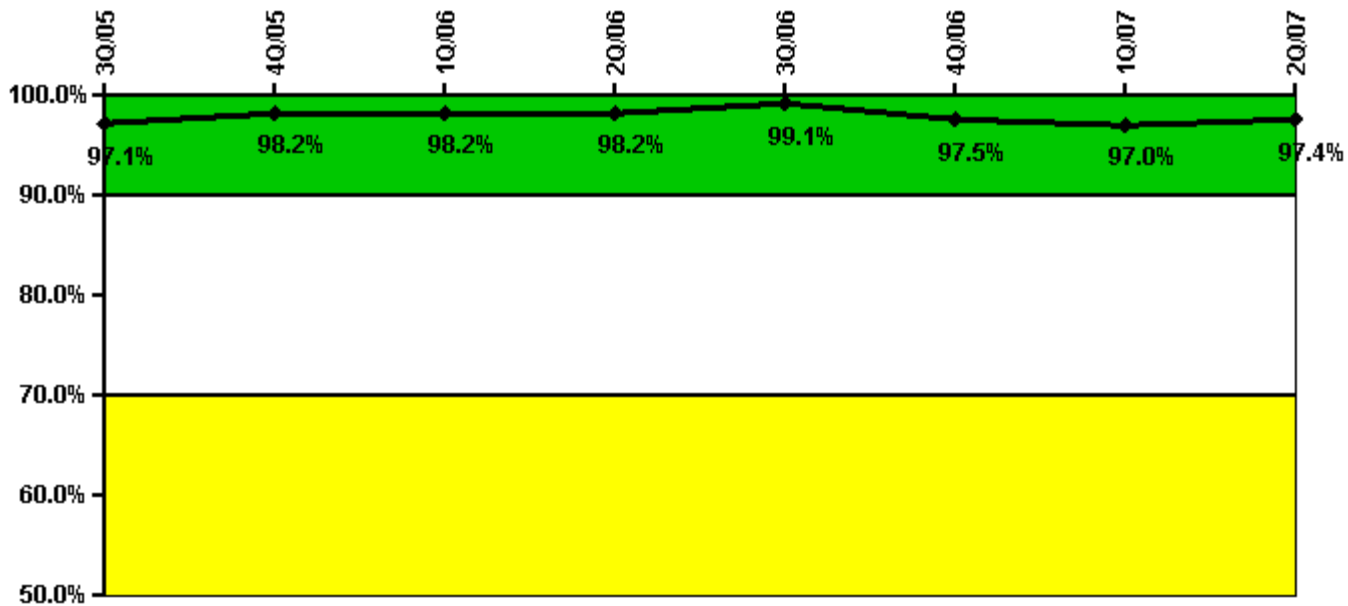
Thresholds: White > 50.0 Yellow > 100.0

## Notes

<b>Reactor Coolant System Leakage</b>	<b>7/05</b>	<b>8/05</b>	<b>9/05</b>	<b>10/05</b>	<b>11/05</b>	<b>12/05</b>	<b>1/06</b>	<b>2/06</b>	<b>3/06</b>	<b>4/06</b>	<b>5/06</b>	<b>6/06</b>
Maximum leakage	0.560	0.370	0.390	0.232	0.101	0.085	0.076	0.073	0.068	0.360	0.295	0.224
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>5.6</b>	<b>3.7</b>	<b>3.9</b>	<b>2.3</b>	<b>1.0</b>	<b>0.9</b>	<b>0.8</b>	<b>0.7</b>	<b>0.7</b>	<b>3.6</b>	<b>3.0</b>	<b>2.2</b>
<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	0.239	0.327	0.539	0.631	0.635	0.074	0.048	0.042	0.074	0.084	0.048	0.065
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>2.4</b>	<b>3.3</b>	<b>5.4</b>	<b>6.3</b>	<b>6.4</b>	<b>0.7</b>	<b>0.5</b>	<b>0.4</b>	<b>0.7</b>	<b>0.8</b>	<b>0.5</b>	<b>0.7</b>

Licensee Comments: none

## Drill/Exercise Performance



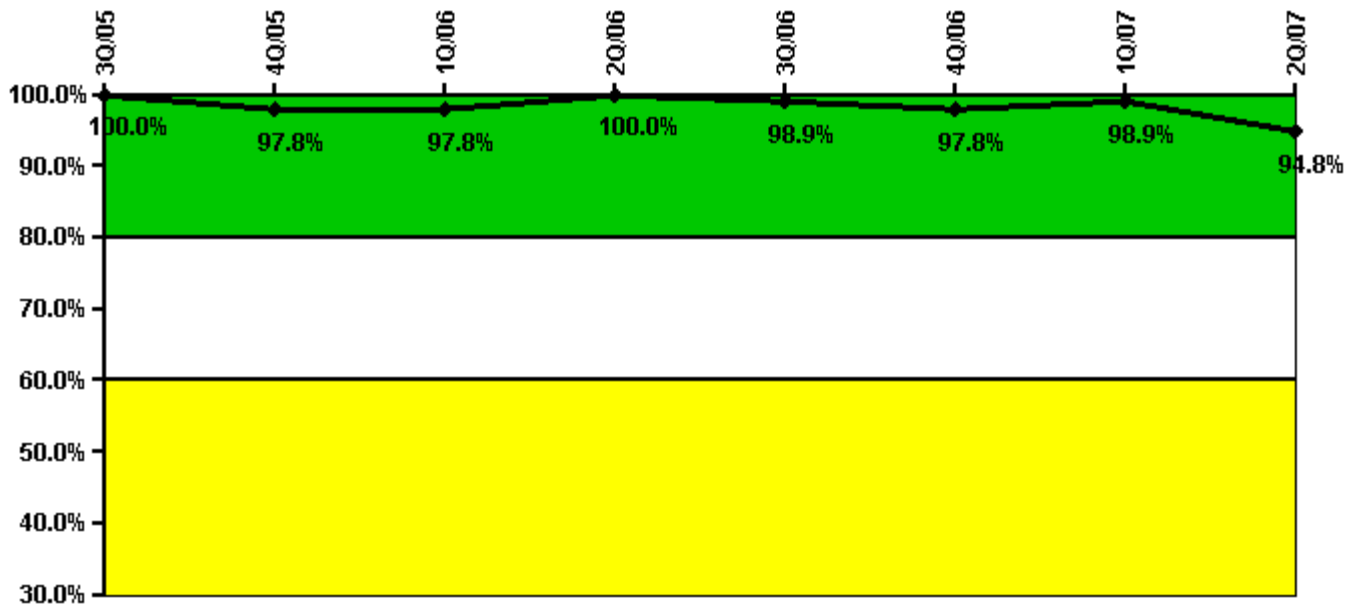
Thresholds: White < 90.0% Yellow < 70.0%

### Notes

Drill/Exercise Performance	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Successful opportunities	17.0	64.0	0	16.0	24.0	58.0	9.0	38.0
Total opportunities	18.0	64.0	0	16.0	24.0	62.0	10.0	38.0
<b>Indicator value</b>	<b>97.1%</b>	<b>98.2%</b>	<b>98.2%</b>	<b>98.2%</b>	<b>99.1%</b>	<b>97.5%</b>	<b>97.0%</b>	<b>97.4%</b>

Licensee Comments: none

## ERO Drill Participation



**Thresholds: White < 80.0% Yellow < 60.0%**

### Notes

ERO Drill Participation	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Participating Key personnel	85.0	91.0	89.0	94.0	87.0	88.0	90.0	91.0
Total Key personnel	85.0	93.0	91.0	94.0	88.0	90.0	91.0	96.0
<b>Indicator value</b>	<b>100.0%</b>	<b>97.8%</b>	<b>97.8%</b>	<b>100.0%</b>	<b>98.9%</b>	<b>97.8%</b>	<b>98.9%</b>	<b>94.8%</b>

### Licensee Comments:

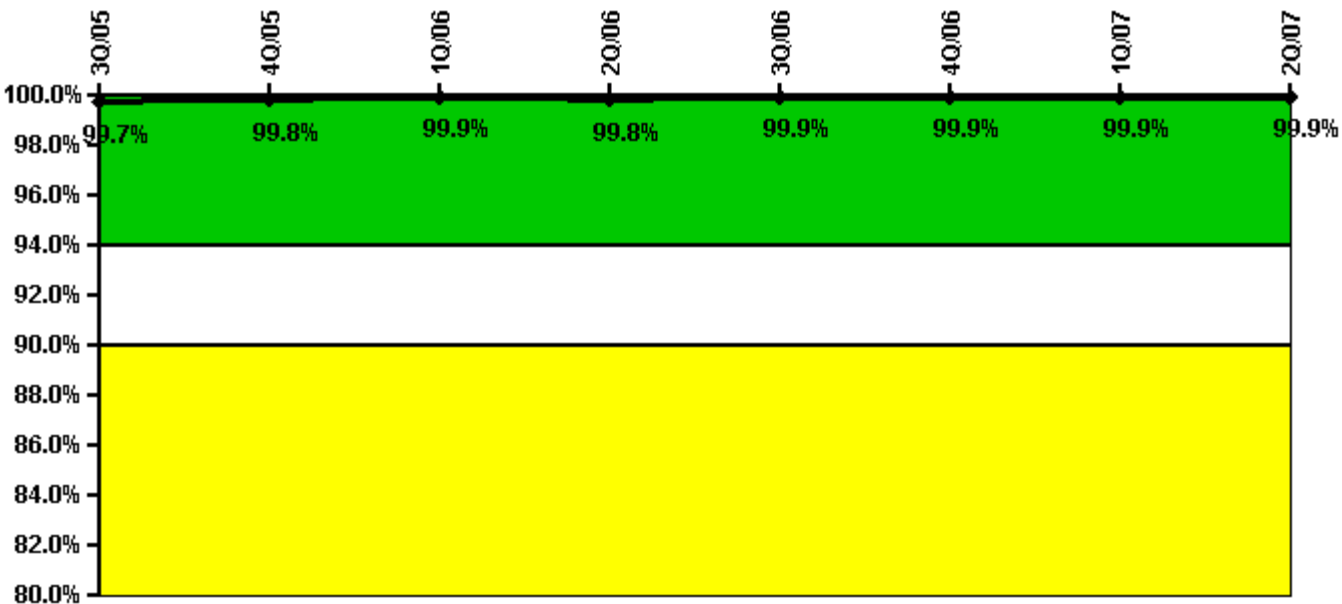
2Q/07: Number of Participating/Total Key personnel changed for 3Q2006, 4Q2006, and 1Q2007 due to change in qualification of two individuals. This change did not affect the color of the indicator.

1Q/07: Number of Participating/Total Key personnel changed for 3Q2006, 4Q2006, and 1Q2007 due to change in qualification of two individuals. This change did not affect the color of the indicator.

4Q/06: Number of Participating/Total Key personnel changed for 3Q2006, 4Q2006, and 1Q2007 due to change in qualification of two individuals. This change did not affect the color of the indicator.

3Q/06: Number of Participating/Total Key personnel changed for 3Q2006, 4Q2006, and 1Q2007 due to change in qualification of two individuals. This change did not affect the color of the indicator.

# Alert & Notification System



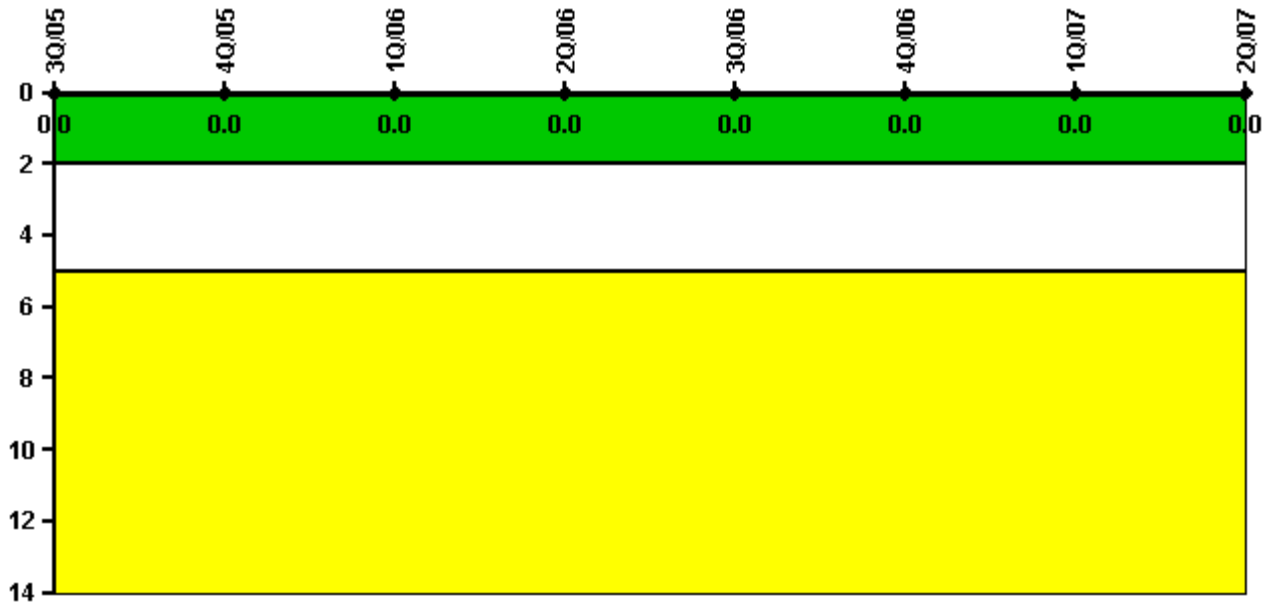
Thresholds: White < 94.0% Yellow < 90.0%

## Notes

Alert & Notification System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Successful siren-tests	162	693	690	700	702	702	697	699
Total sirens-tests	162	694	691	702	702	702	697	702
<b>Indicator value</b>	<b>99.7%</b>	<b>99.8%</b>	<b>99.9%</b>	<b>99.8%</b>	<b>99.9%</b>	<b>99.9%</b>	<b>99.9%</b>	<b>99.9%</b>

Licensee Comments: none

# Occupational Exposure Control Effectiveness



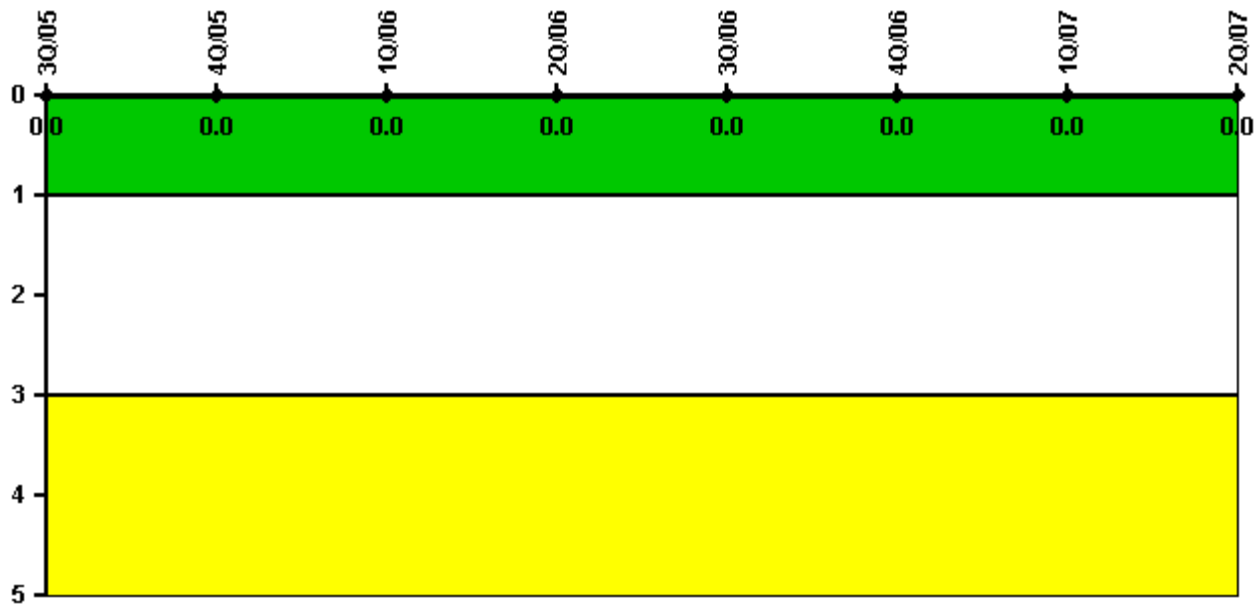
Thresholds: White > 2.0 Yellow > 5.0

## Notes

Occupational Exposure Control Effectiveness	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/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	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/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.