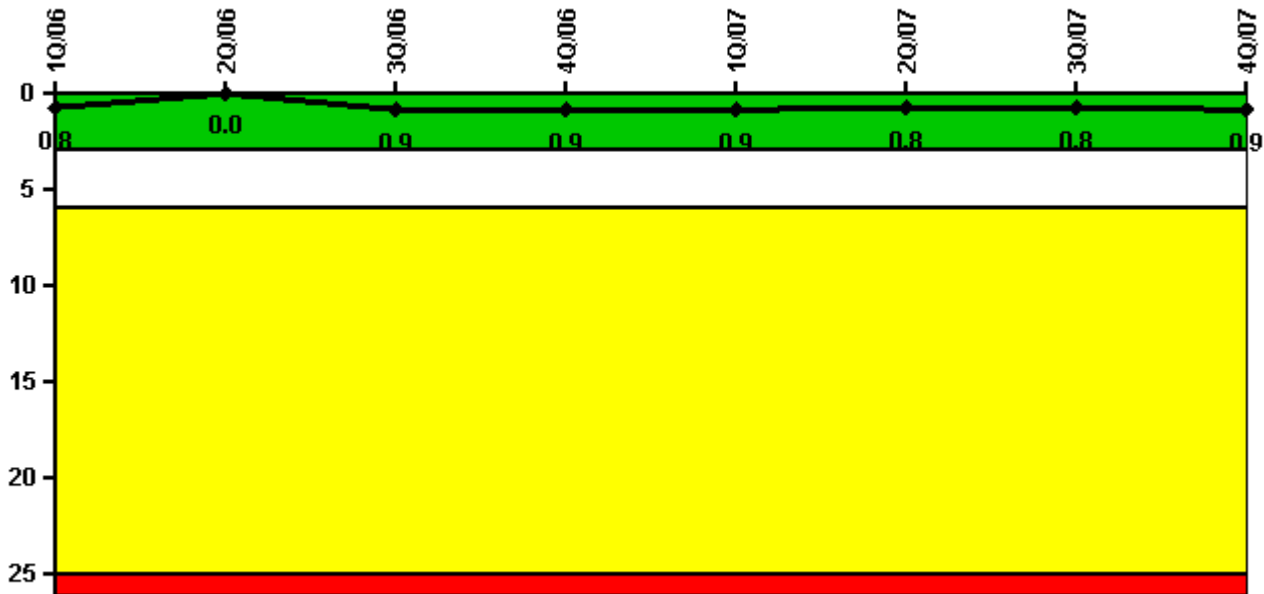


# Harris 1

## 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

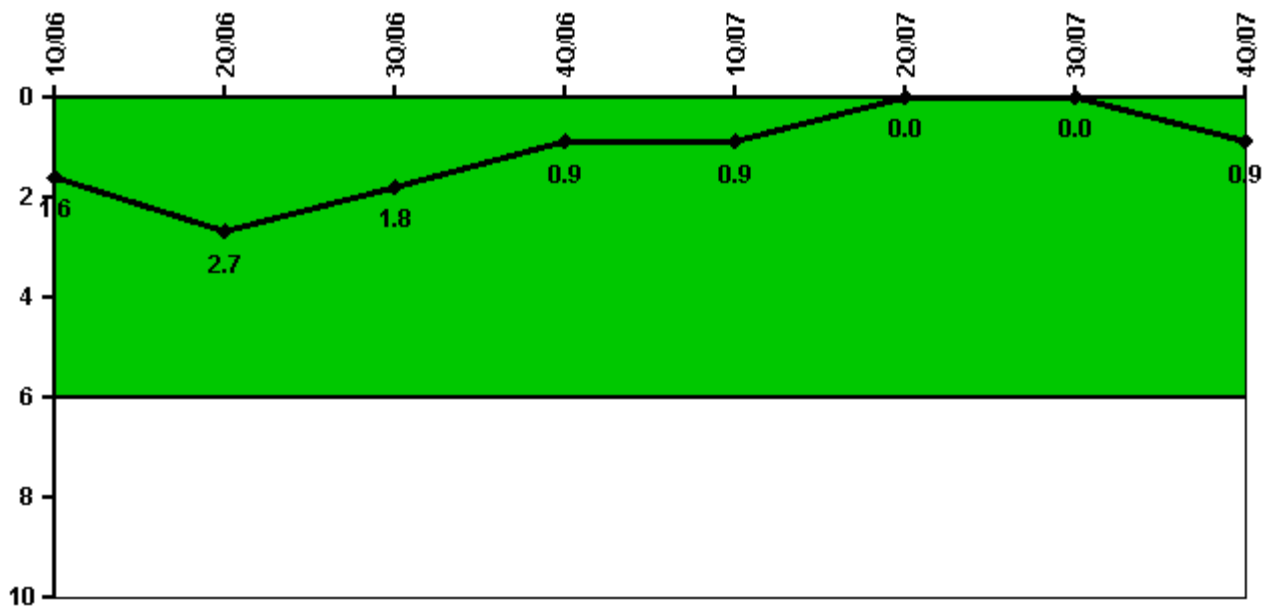
### Notes

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	1.0	0	0	0	1.0	0
Critical hours	2160.0	1273.3	2151.4	2209.0	2159.0	2184.0	2158.5	1688.1
Indicator value	0.8	0	0.9	0.9	0.9	0.8	0.8	0.9

Licensee Comments: none

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## Unplanned Power Changes per 7000 Critical Hrs



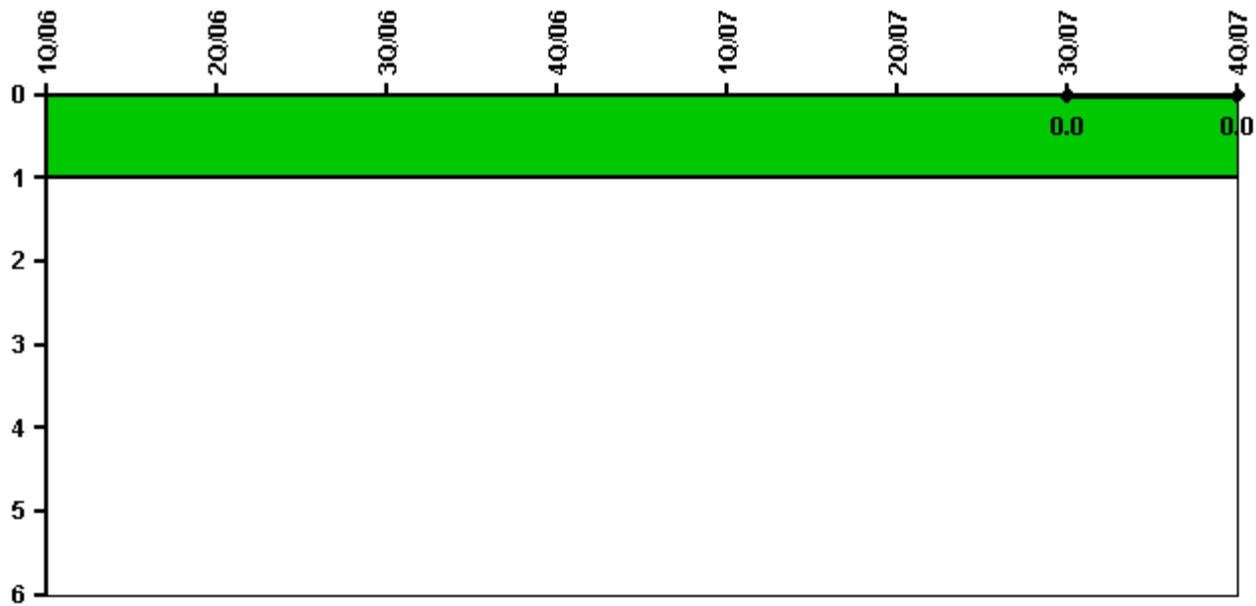
Thresholds: White > 6.0

### 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	1.0	0	0	0	0	0	1.0
Critical hours	2160.0	1273.3	2151.4	2209.0	2159.0	2184.0	2158.5	1688.1
<b>Indicator value</b>	<b>1.6</b>	<b>2.7</b>	<b>1.8</b>	<b>0.9</b>	<b>0.9</b>	<b>0</b>	<b>0</b>	<b>0.9</b>

Licensee Comments: none

# Unplanned Scrams with Complications



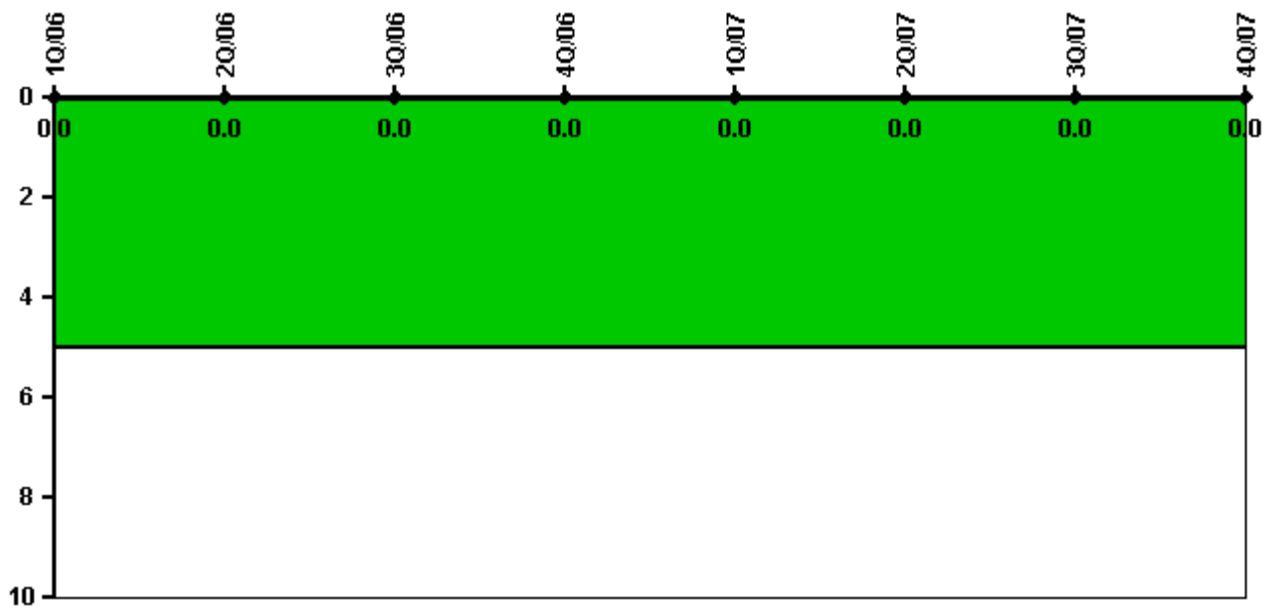
Thresholds: White > 1.0

## 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 (PWR)



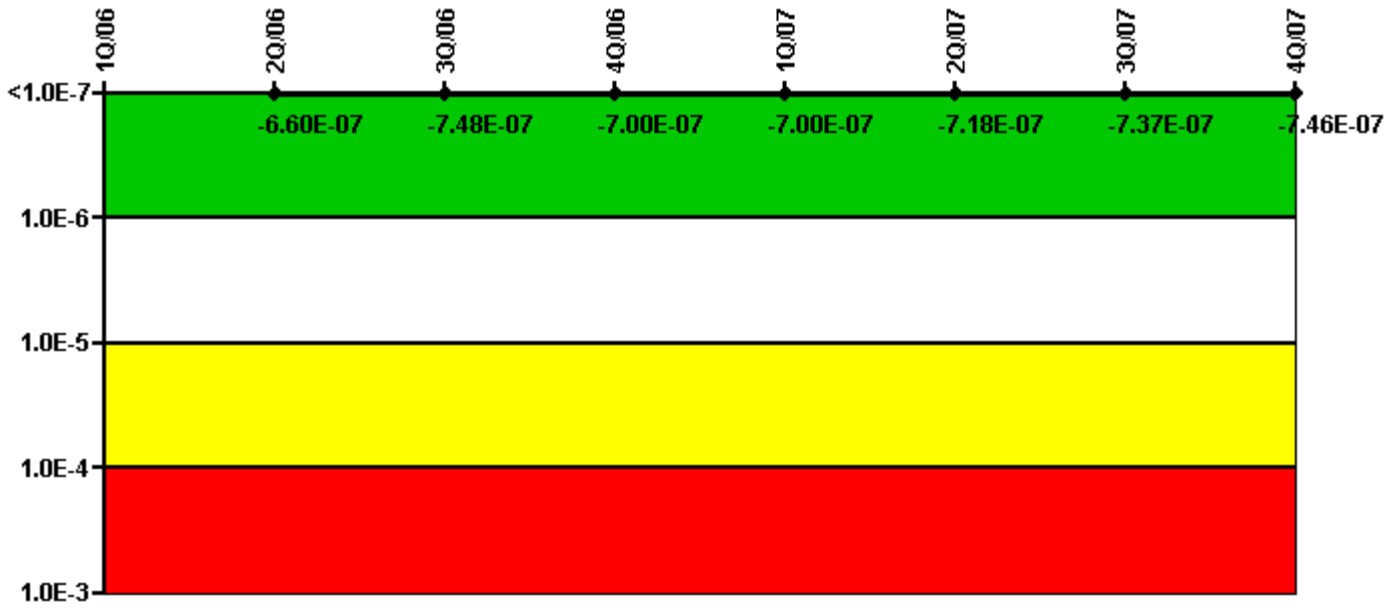
Thresholds: White > 5.0

## Notes

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



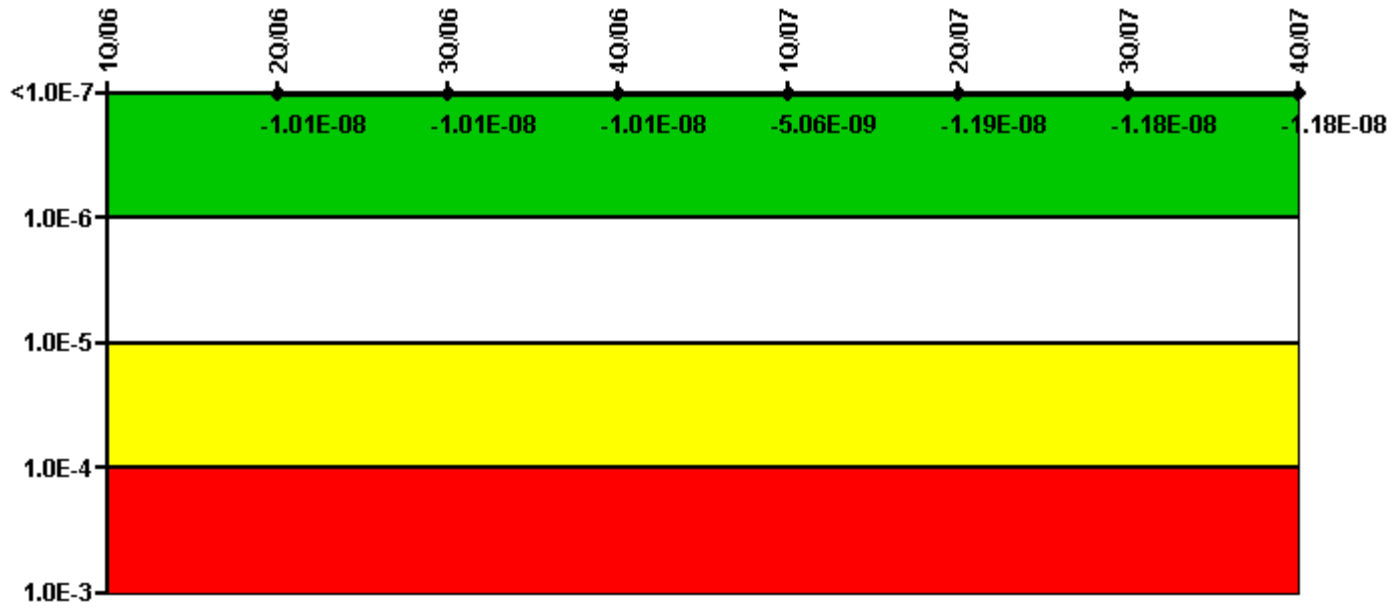
Thresholds: White >  $1.0E-6$  Yellow >  $1.0E-5$  Red >  $1.0E-4$

## 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)		$1.50E-07$	$6.20E-08$	$1.10E-07$	$1.10E-07$	$9.20E-08$	$8.30E-08$	$7.40E-08$
URI ( $\Delta$ CDF)		$-8.10E-07$	$-8.10E-07$	$-8.10E-07$	$-8.10E-07$	$-8.10E-07$	$-8.20E-07$	$-8.20E-07$
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		$-6.60E-07$	$-7.48E-07$	$-7.00E-07$	$-7.00E-07$	$-7.18E-07$	$-7.37E-07$	$-7.46E-07$

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

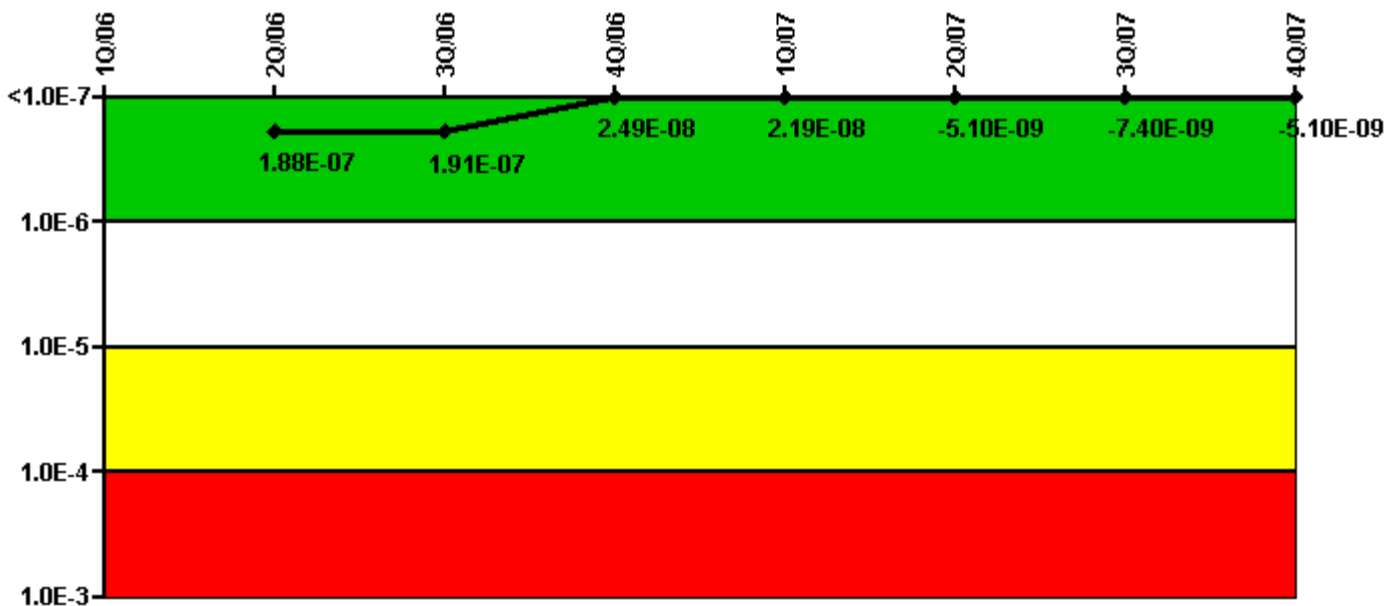
Mitigating Systems Performance Index, High Pressure Injection System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI ( $\Delta$ CDF)		-1.20E-09	-1.20E-09	-1.20E-09	-8.60E-10	-8.80E-10	-7.80E-10	-8.40E-10
URI ( $\Delta$ CDF)		-8.90E-09	-8.90E-09	-8.90E-09	-4.20E-09	-1.10E-08	-1.10E-08	-1.10E-08
PLE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

## Licensee Comments:

4Q/07: Historical data for Planned Unavailability changed for Train A in Oct 2005, May 2007 and Sep 2007 and for Train B in Mar 2006 and Oct 2006 due to incorrect calculation of planned unavailability. Color change did not occur and a change file was not created by CDE as the added hours were not enough to impact the indicator.

4Q/06: Historical data for Planned Unavailability changed for Train A in Oct 2005, May 2007 and Sep 2007 and for Train B in Mar 2006 and Oct 2006 due to incorrect calculation of Planned Unavailability. Color change did not occur.

# Mitigating Systems Performance Index, Heat Removal System



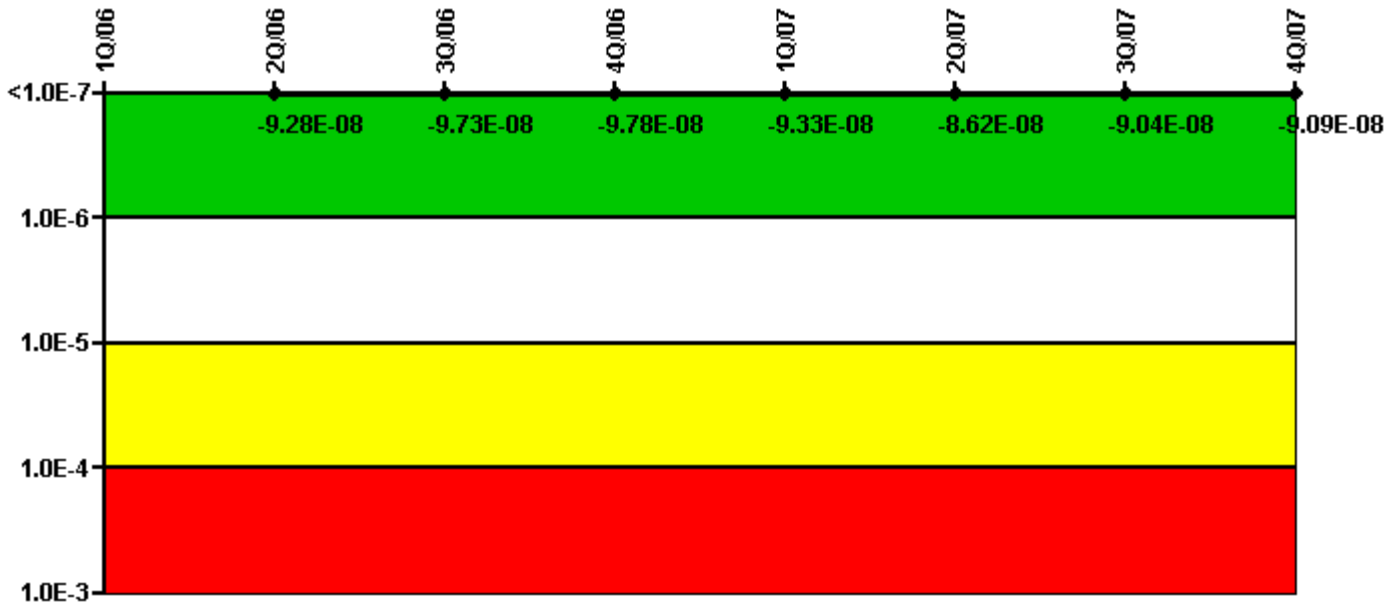
Thresholds: White >  $1.00E-6$  Yellow >  $1.00E-5$  Red >  $1.00E-4$

## 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)		$3.80E-08$	$4.10E-08$	$1.90E-08$	$1.60E-08$	$-1.20E-08$	$-1.20E-08$	$-9.70E-09$
URI ( $\Delta$ CDF)		$1.50E-07$	$1.50E-07$	$5.90E-09$	$5.90E-09$	$6.90E-09$	$4.60E-09$	$4.60E-09$
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		$1.88E-07$	$1.91E-07$	$2.49E-08$	$2.19E-08$	$-5.10E-09$	$-7.40E-09$	$-5.10E-09$

Licensee Comments: none

# Mitigating Systems Performance Index, Residual Heat Removal System



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

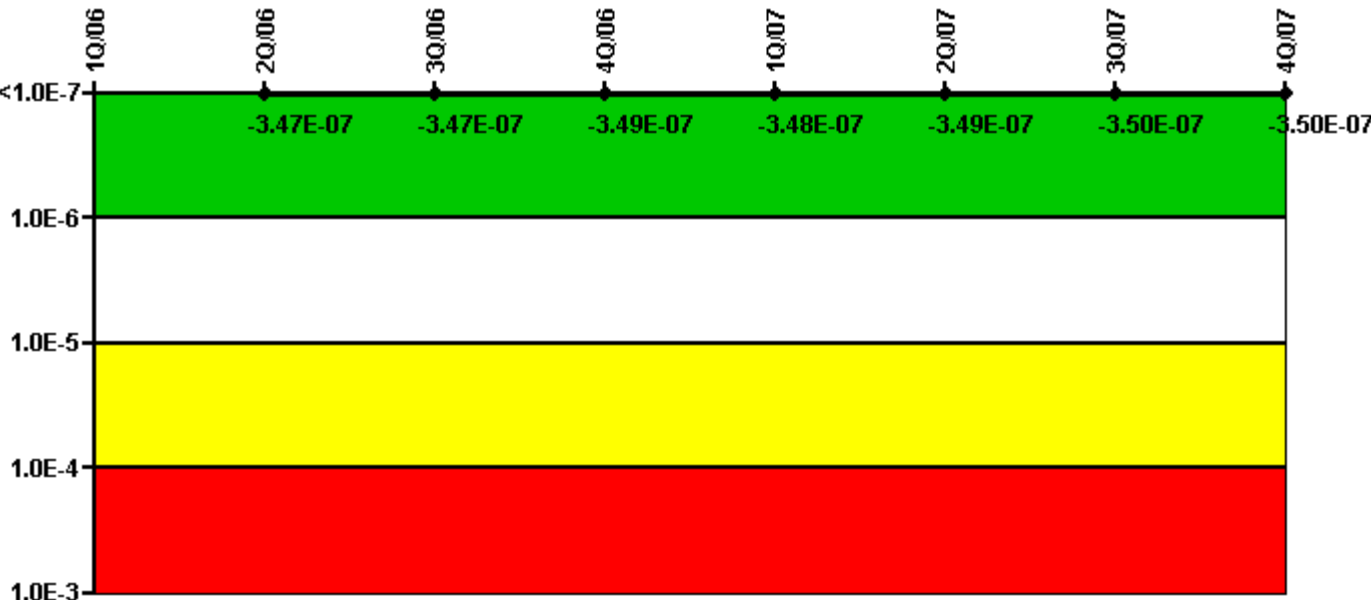
## Notes

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)		3.20E-09	-1.30E-09	-1.80E-09	2.70E-09	9.80E-09	5.60E-09	5.10E-09
URI ( $\Delta$ CDF)		-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
Indicator value		-9.28E-08	-9.73E-08	-9.78E-08	-9.33E-08	-8.62E-08	-9.04E-08	-9.09E-08

Licensee Comments: none



# Mitigating Systems Performance Index, Cooling Water Systems



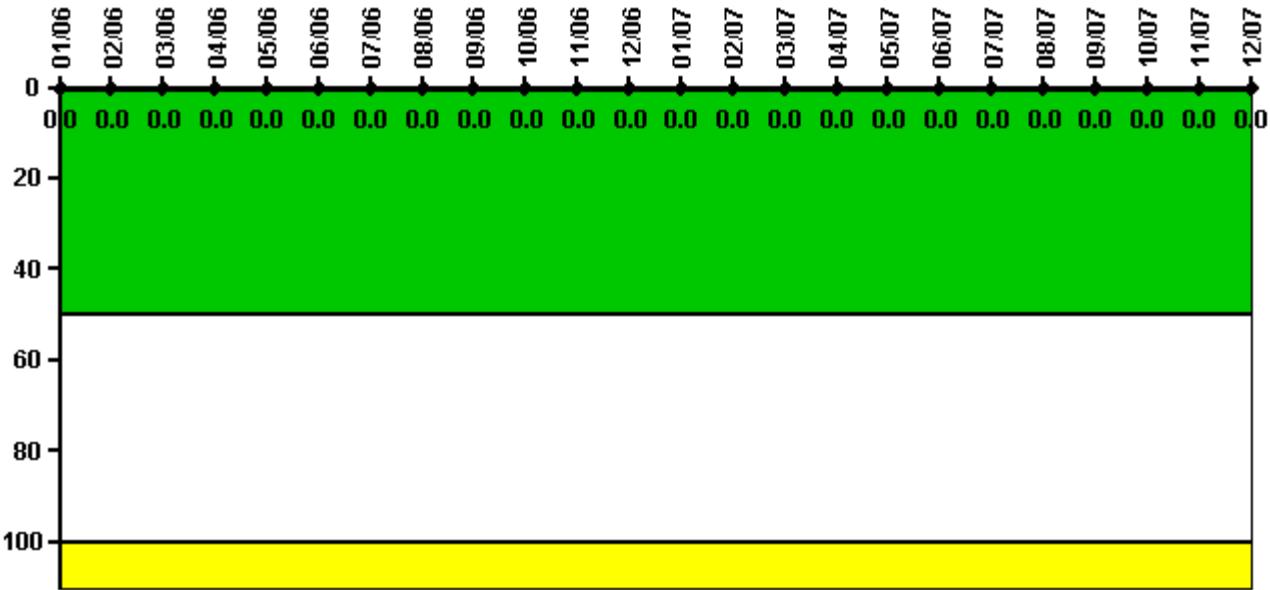
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI ( $\Delta$ CDF)		2.60E-09	3.30E-09	1.10E-09	2.30E-09	7.20E-10	1.30E-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
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		-3.47E-07	-3.47E-07	-3.49E-07	-3.48E-07	-3.49E-07	-3.50E-07	-3.50E-07

Licensee Comments: none

# Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

## Notes

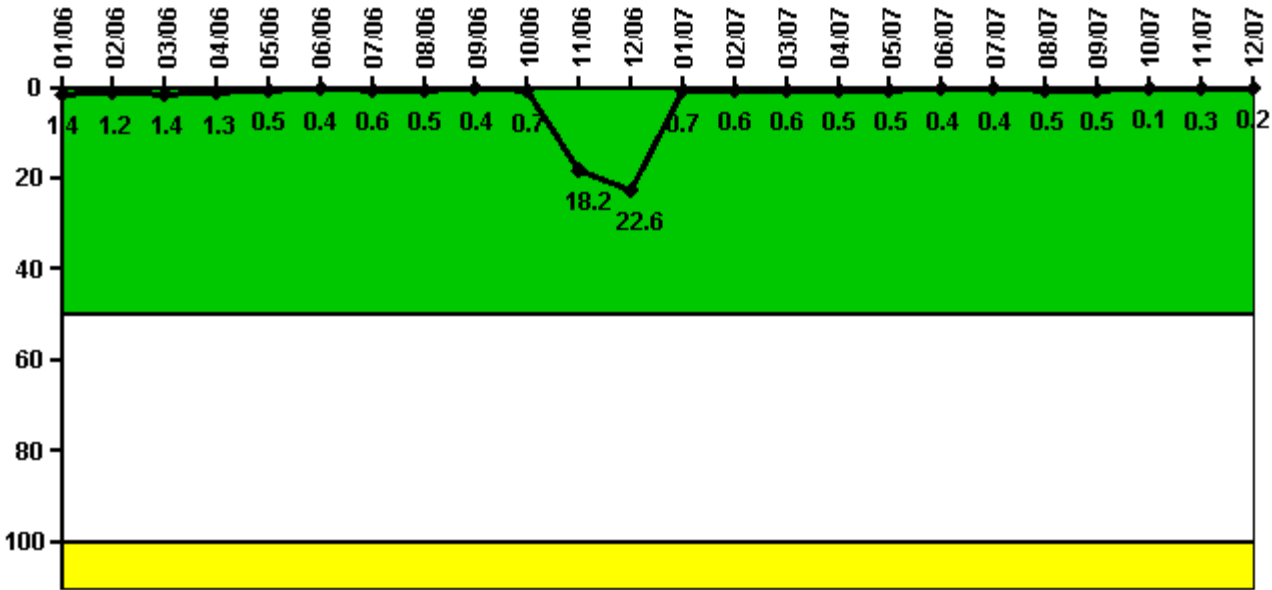
Reactor Coolant System Activity	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06
Maximum activity	0.000098	0.000318	0.000208	0.000106	0.000030	0.000128	0.000051	0.000049	0.000052	0.000054	0.000057	0.000059
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	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	0.000064	0.000066	0.000067	0.000068	0.000123	0.000074	0.000077	0.000079	0.000116	0.000033	0.000041	0.000127
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



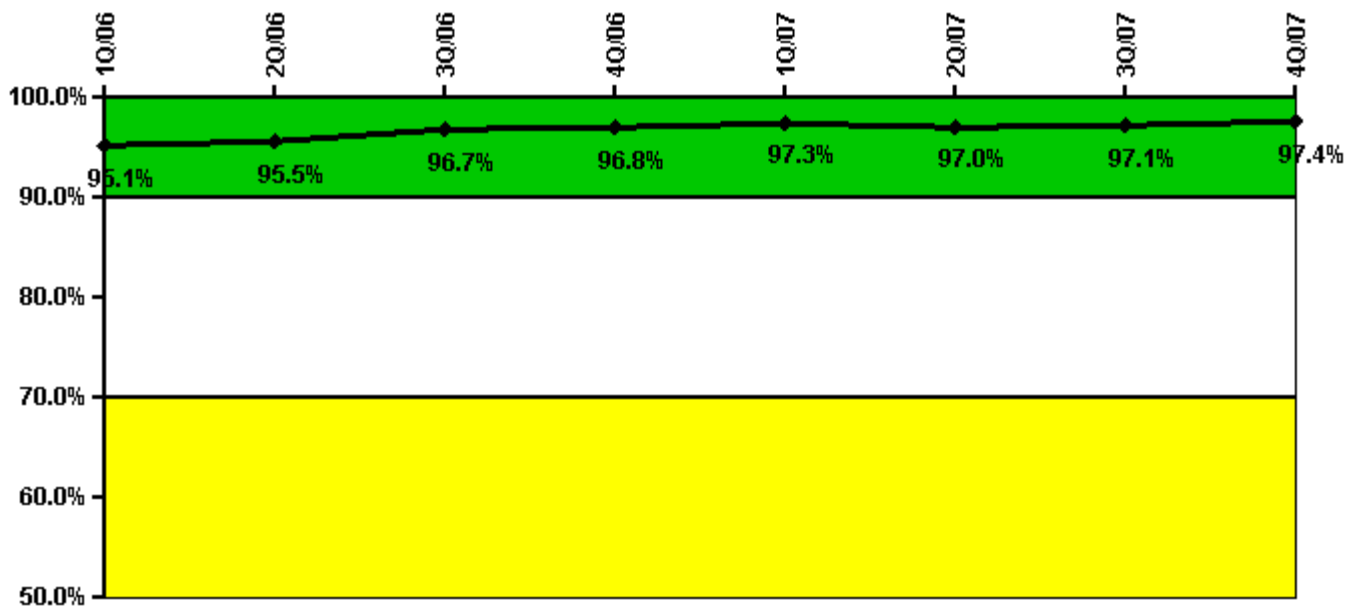
Thresholds: White > 50.0 Yellow > 100.0

## Notes

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	0.140	0.120	0.140	0.130	0.050	0.040	0.060	0.050	0.040	0.070	1.820	2.260
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
Indicator value	1.4	1.2	1.4	1.3	0.5	0.4	0.6	0.5	0.4	0.7	18.2	22.6
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	0.070	0.060	0.060	0.050	0.050	0.040	0.040	0.050	0.050	0.010	0.030	0.020
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
Indicator value	0.7	0.6	0.6	0.5	0.5	0.4	0.4	0.5	0.5	0.1	0.3	0.2

Licensee Comments: none

## Drill/Exercise Performance



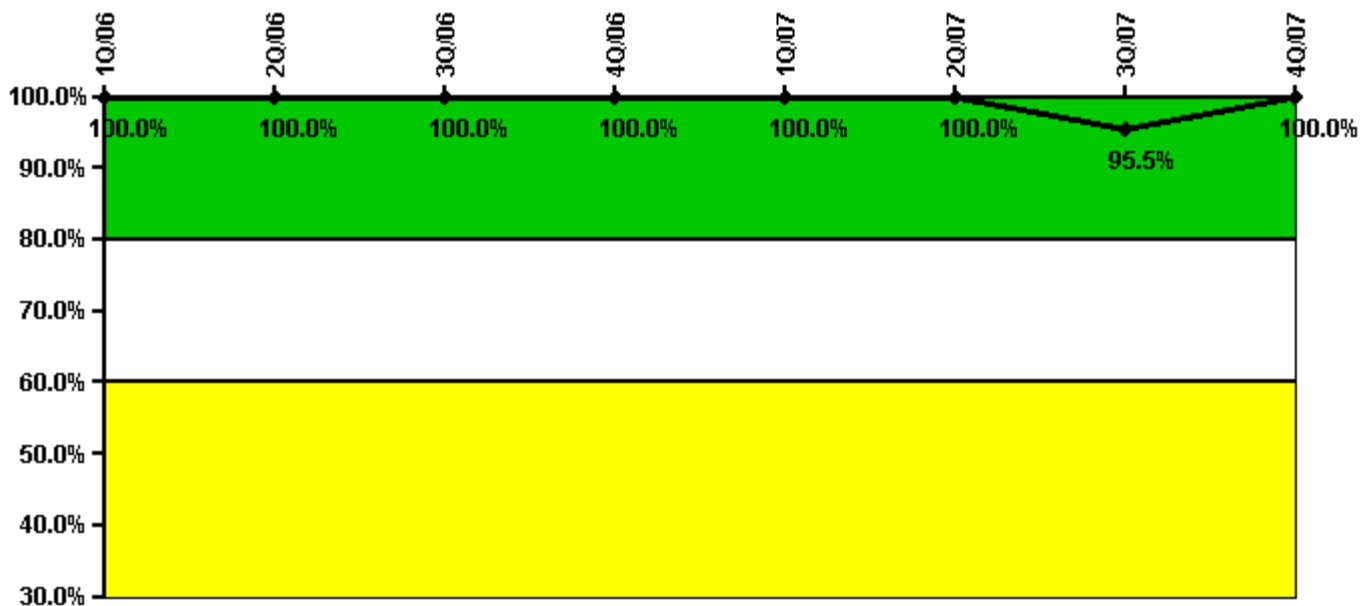
Thresholds: White < 90.0% Yellow < 70.0%

### Notes

Drill/Exercise Performance	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Successful opportunities	10.0	15.0	62.0	13.0	20.0	38.0	9.0	24.0
Total opportunities	10.0	16.0	63.0	13.0	20.0	40.0	10.0	24.0
<b>Indicator value</b>	<b>95.1%</b>	<b>95.5%</b>	<b>96.7%</b>	<b>96.8%</b>	<b>97.3%</b>	<b>97.0%</b>	<b>97.1%</b>	<b>97.4%</b>

Licensee Comments: none

# ERO Drill Participation



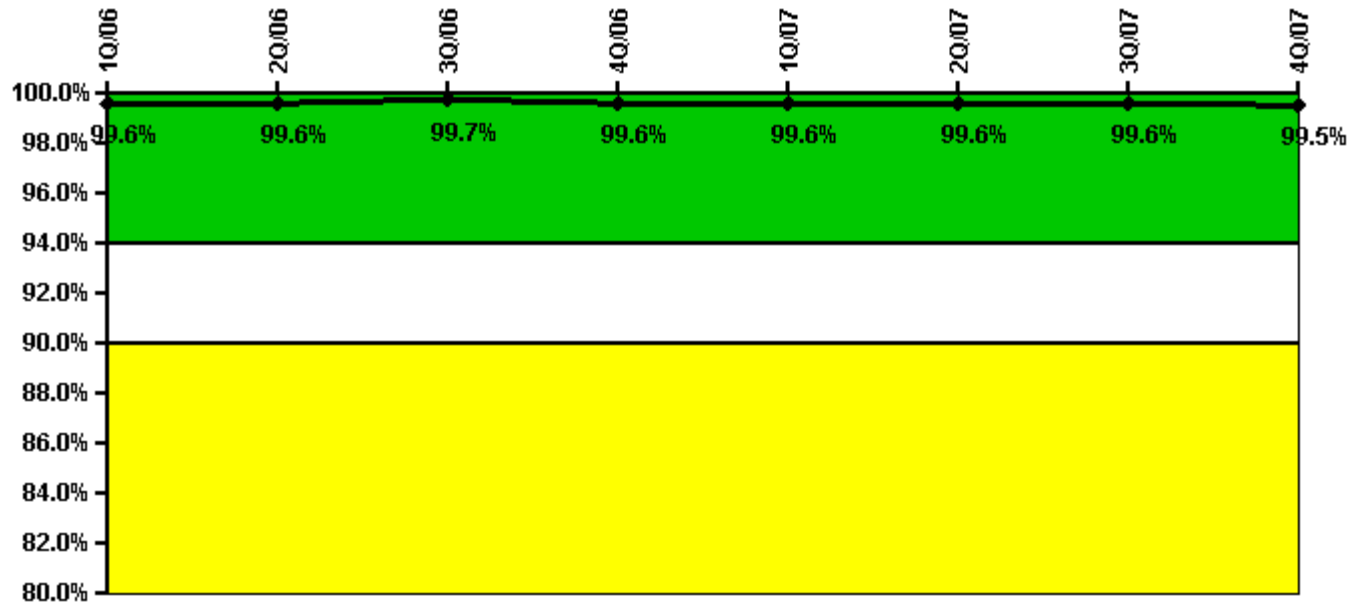
Thresholds: White < 80.0% Yellow < 60.0%

## Notes

ERO Drill Participation	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Participating Key personnel	46.0	44.0	46.0	45.0	43.0	44.0	42.0	43.0
Total Key personnel	46.0	44.0	46.0	45.0	43.0	44.0	44.0	43.0
<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>95.5%</b>	<b>100.0%</b>

Licensee Comments: none

# Alert & Notification System



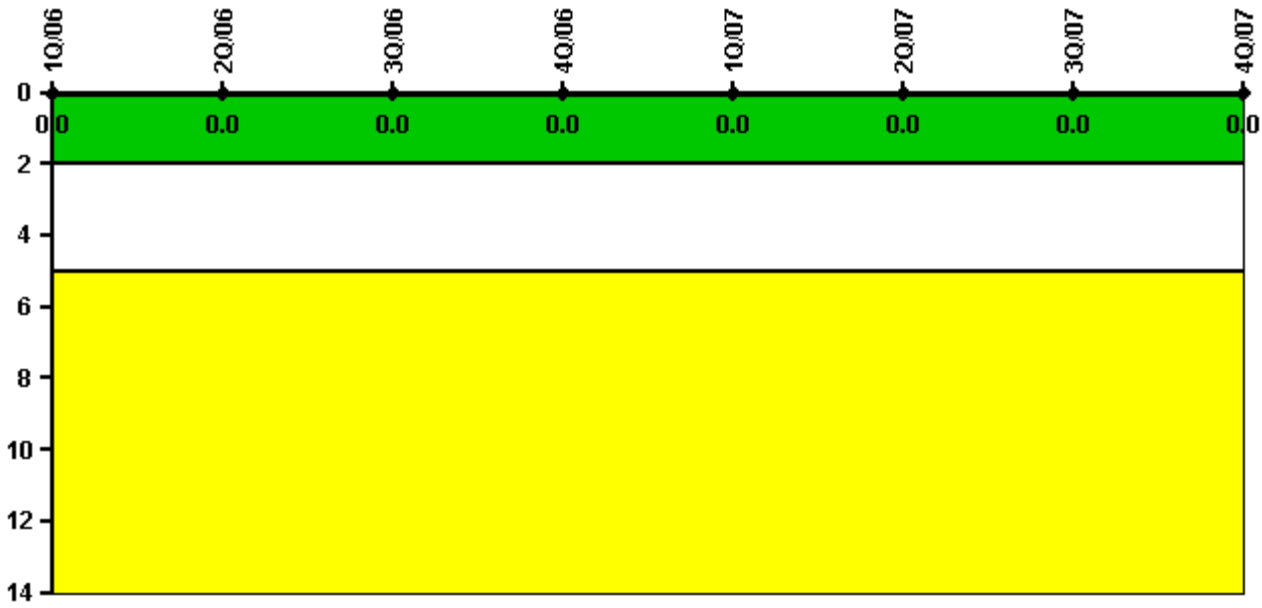
**Thresholds: White < 94.0% Yellow < 90.0%**

## Notes

Alert & Notification System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Successful siren-tests	566	646	644	646	565	647	644	563
Total sirens-tests	567	648	648	648	567	648	648	567
<b>Indicator value</b>	<b>99.6%</b>	<b>99.6%</b>	<b>99.7%</b>	<b>99.6%</b>	<b>99.6%</b>	<b>99.6%</b>	<b>99.6%</b>	<b>99.5%</b>

Licensee Comments: none

# Occupational Exposure Control Effectiveness



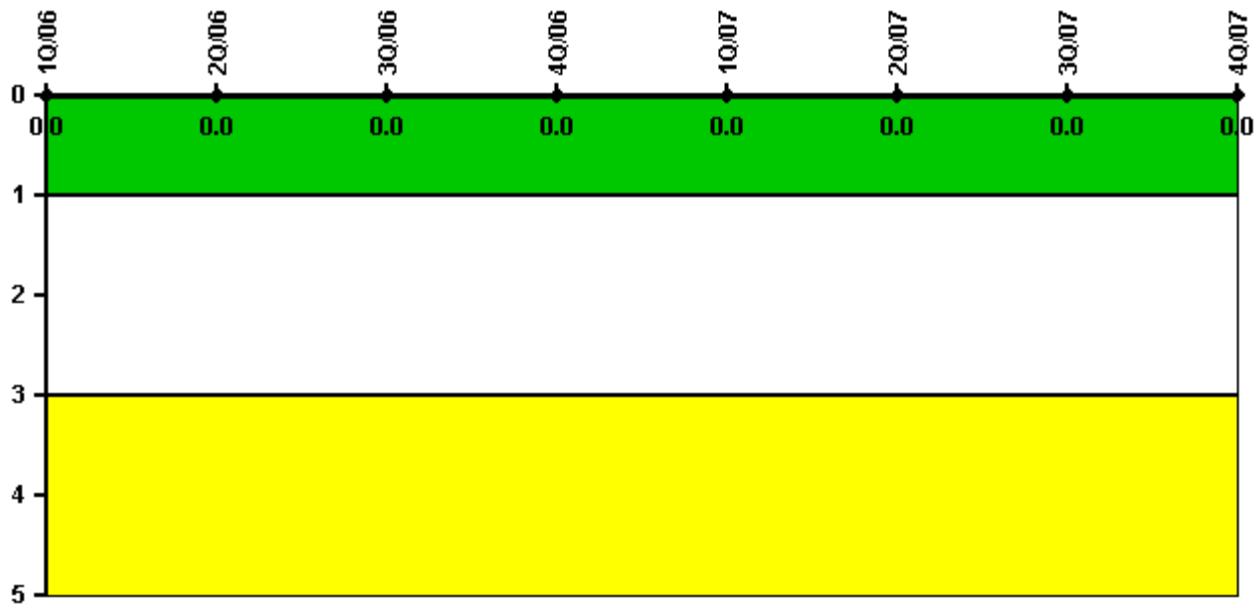
Thresholds: White > 2.0 Yellow > 5.0

## 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.