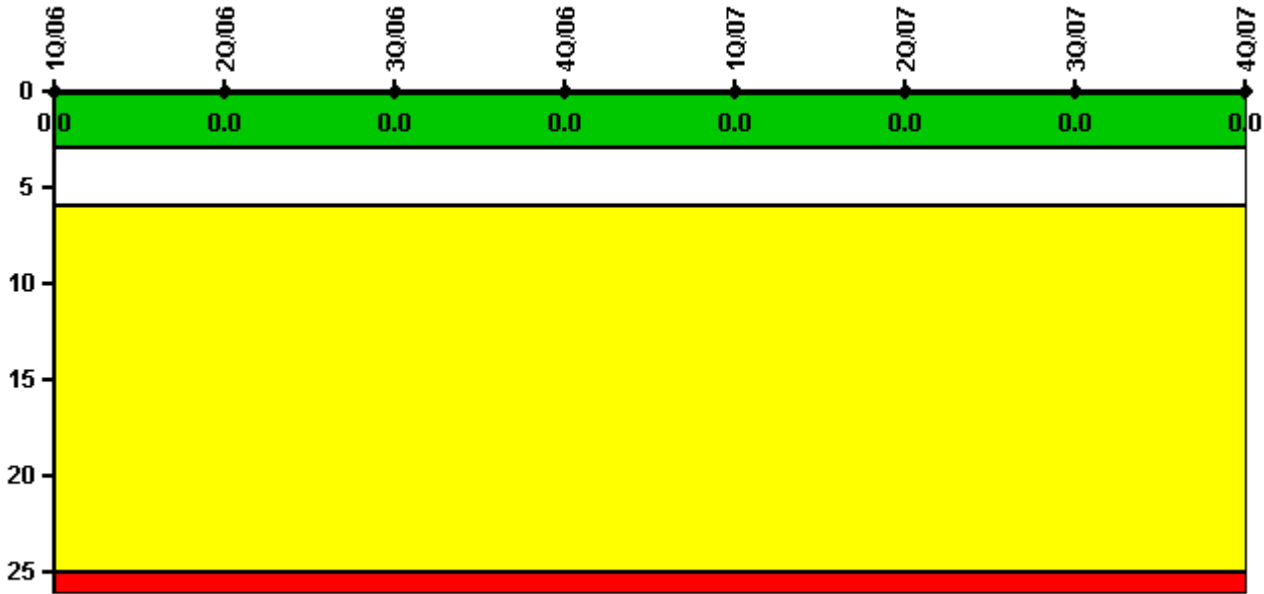


# Point Beach 2

## 4Q/2007 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



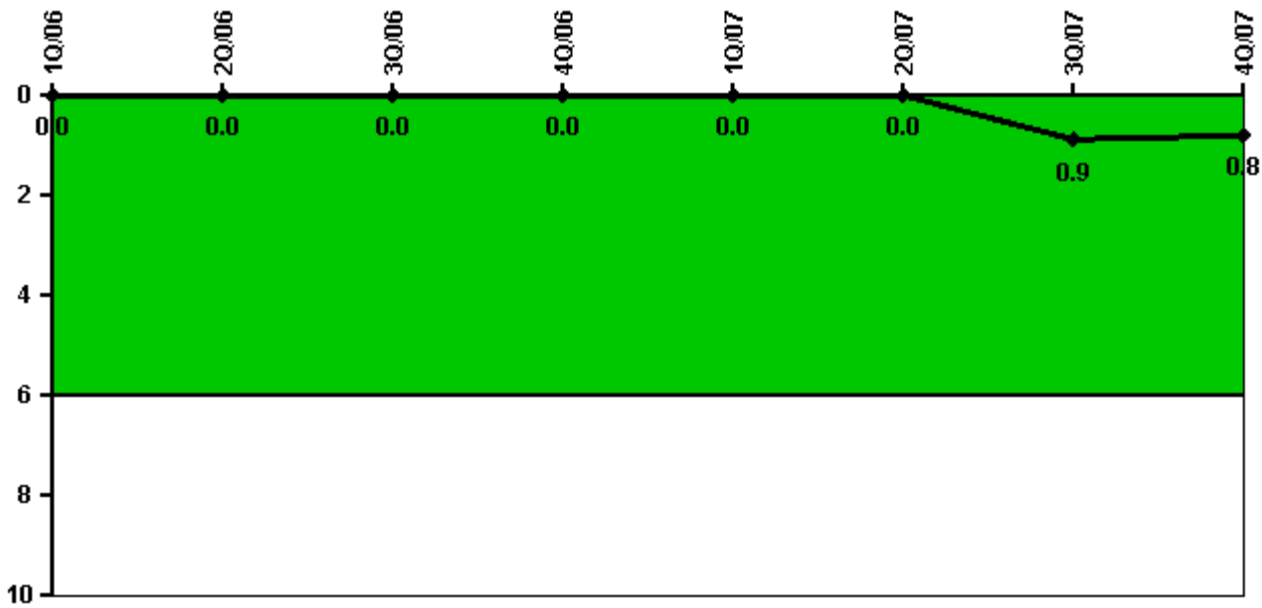
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### 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	1445.2	2159.0	2184.0	2208.0	2209.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

## Unplanned Power Changes per 7000 Critical Hrs



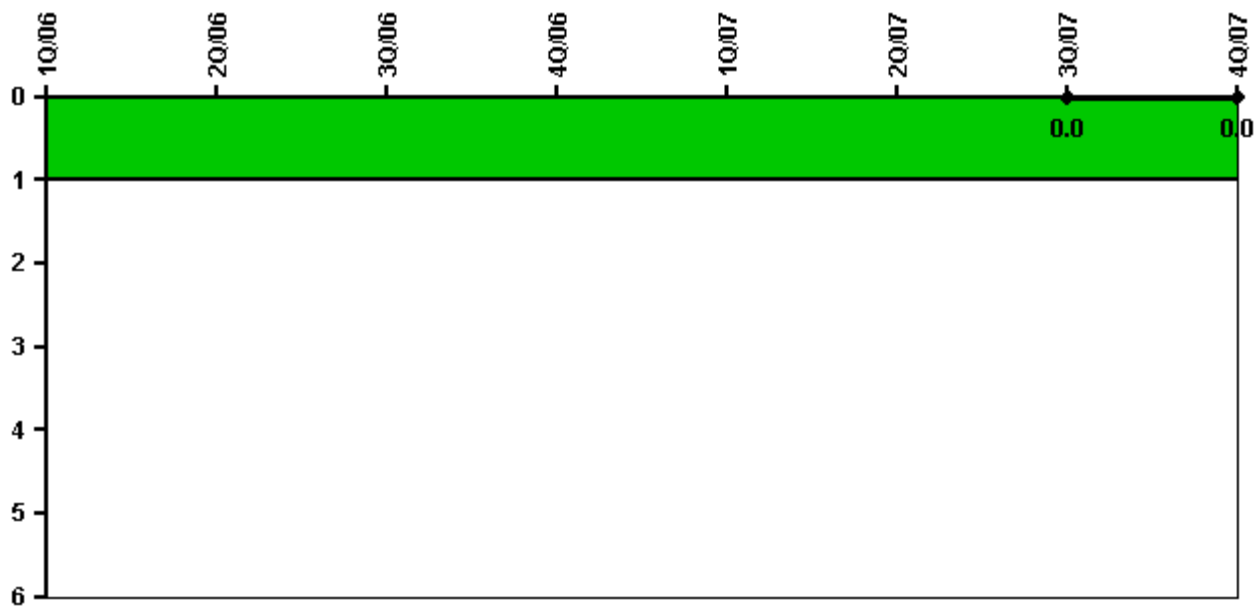
Thresholds: White > 6.0

### 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	0	0	0	1.0	0
Critical hours	2160.0	2183.0	2208.0	1445.2	2159.0	2184.0	2208.0	2209.0
Indicator value	0	0	0	0	0	0	0.9	0.8

Licensee Comments: none

# Unplanned Scrams with Complications



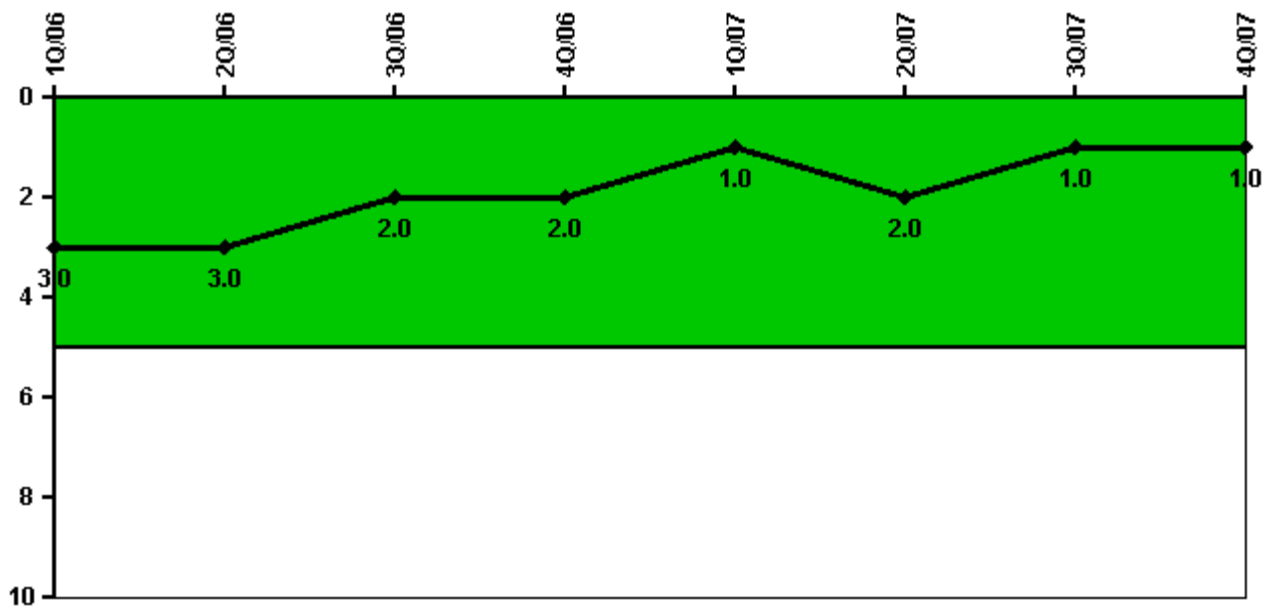
Thresholds: White > 1.0

## 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)



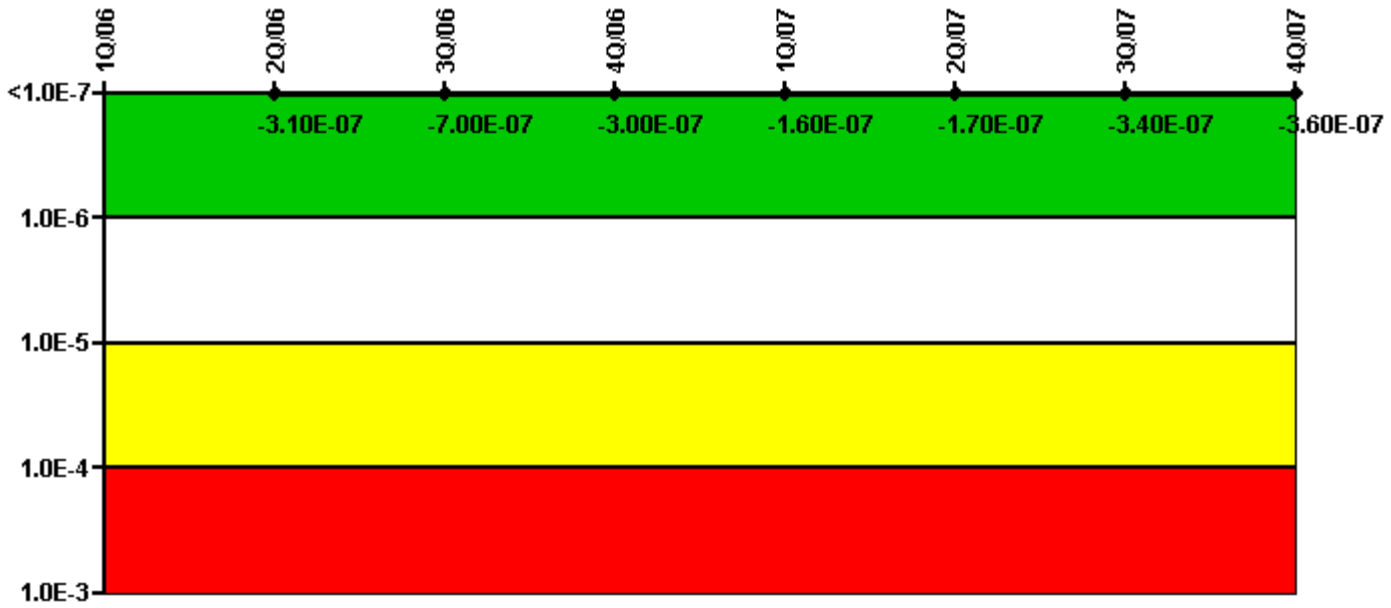
Thresholds: White > 5.0

### 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	1	0	1	0	0	1	0	0
Indicator value	3	3	2	2	1	2	1	1

Licensee Comments: none

# Mitigating Systems Performance Index, Emergency AC Power System



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

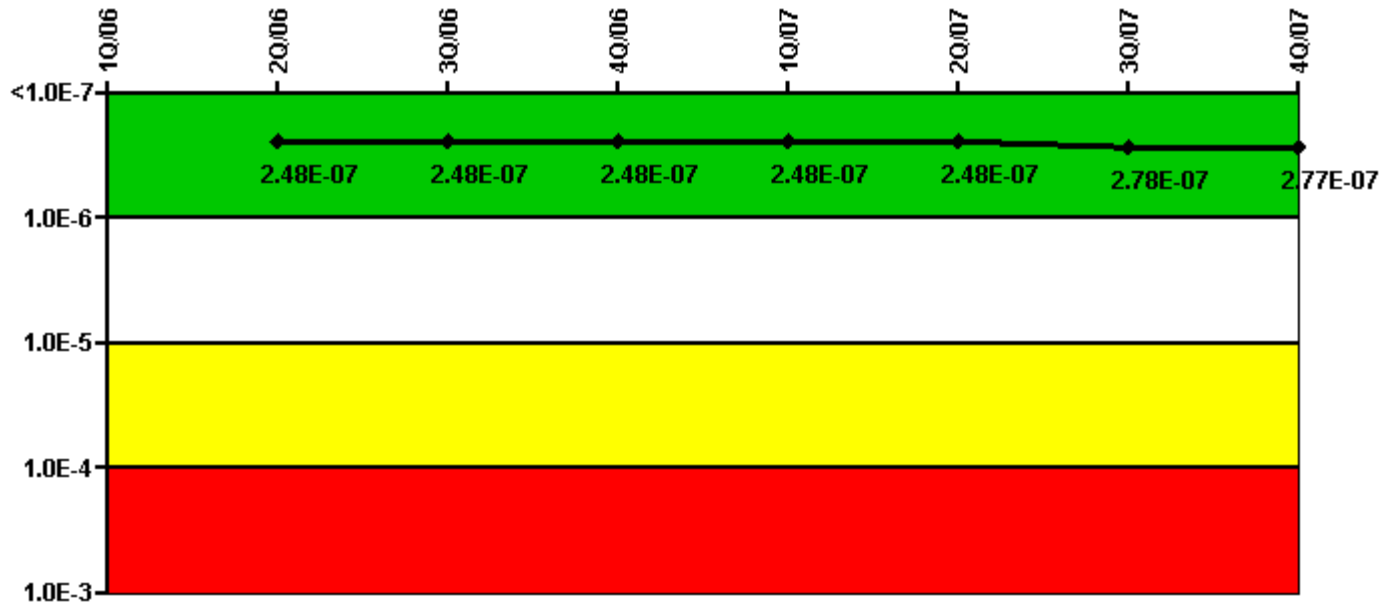
## Notes

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)		$6.10E-07$	$4.00E-07$	$5.80E-07$	$7.20E-07$	$7.10E-07$	$5.40E-07$	$5.20E-07$
URI ( $\Delta$ CDF)		$-9.20E-07$	$-1.10E-06$	$-8.80E-07$	$-8.80E-07$	$-8.80E-07$	$-8.80E-07$	$-8.80E-07$
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		$-3.10E-07$	$-7.00E-07$	$-3.00E-07$	$-1.60E-07$	$-1.70E-07$	$-3.40E-07$	$-3.60E-07$

Licensee Comments:

4Q/07: None.

# Mitigating Systems Performance Index, High Pressure Injection System



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

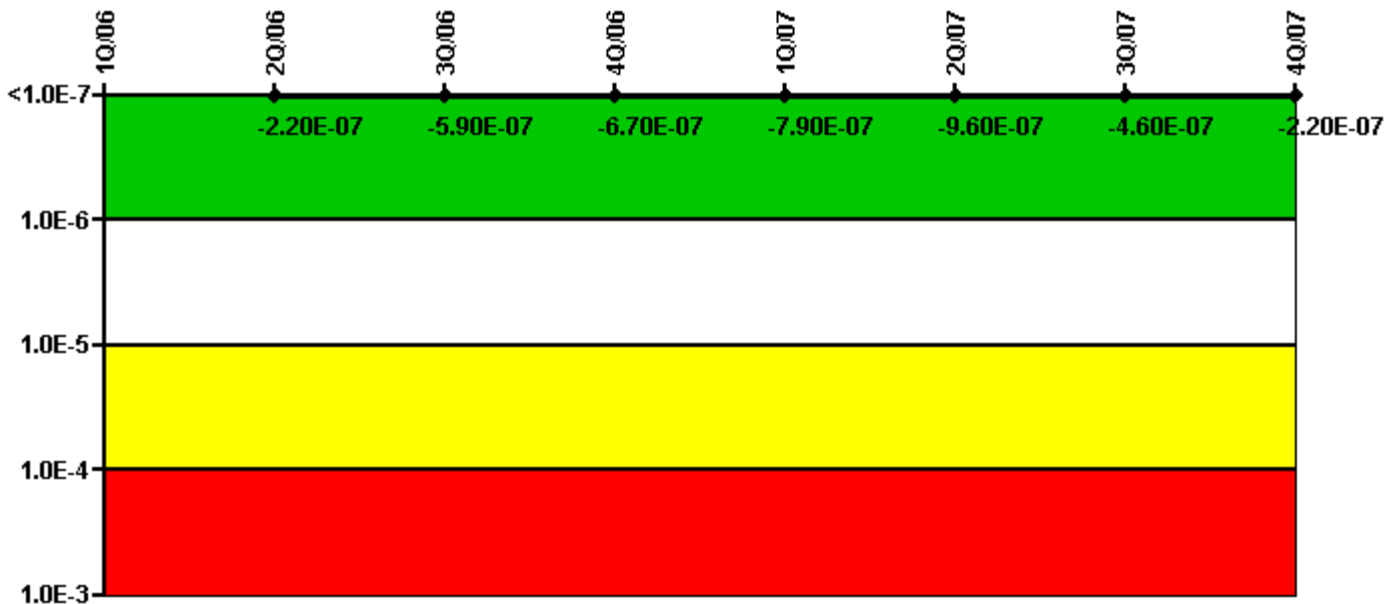
## Notes

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)		-1.60E-09	-1.60E-09	-1.90E-09	-1.90E-09	-1.90E-09	2.80E-08	2.70E-08
URI ( $\Delta$ CDF)		2.50E-07	2.50E-07	2.50E-07	2.50E-07	2.50E-07	2.50E-07	2.50E-07
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		2.48E-07	2.48E-07	2.48E-07	2.48E-07	2.48E-07	2.78E-07	2.77E-07

Licensee Comments:

4Q/07: Pending failure from 3Q07 for T-0013 RWST temperature, AR01111841-06 was determined to not be a failure.

# Mitigating Systems Performance Index, Heat Removal System



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

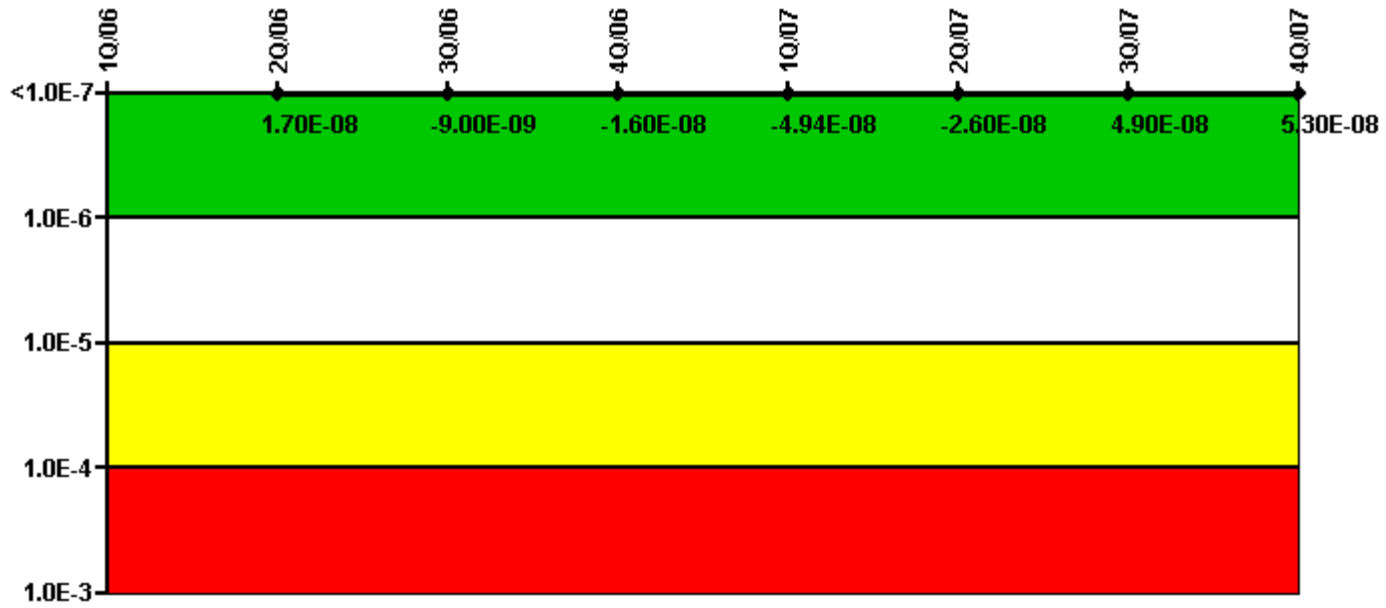
## Notes

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)		$8.80E-07$	$5.10E-07$	$4.30E-07$	$3.10E-07$	$1.40E-07$	$6.40E-07$	$8.80E-07$
URI ( $\Delta$ CDF)		$-1.10E-06$	$-1.10E-06$	$-1.10E-06$	$-1.10E-06$	$-1.10E-06$	$-1.10E-06$	$-1.10E-06$
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		$-2.20E-07$	$-5.90E-07$	$-6.70E-07$	$-7.90E-07$	$-9.60E-07$	$-4.60E-07$	$-2.20E-07$

Licensee Comments:

4Q/07: Pending failure from 3Q07 for AR01112475 2P-029 turbine bearing high temperature alarm was determined to not be a failure. Pending failure evaluations for 2P-029 for AR01115748 Moisture in oil, and AR01118341 Overspeed trip linkage trunnion screw loose.

# Mitigating Systems Performance Index, Residual Heat Removal System



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

## Notes

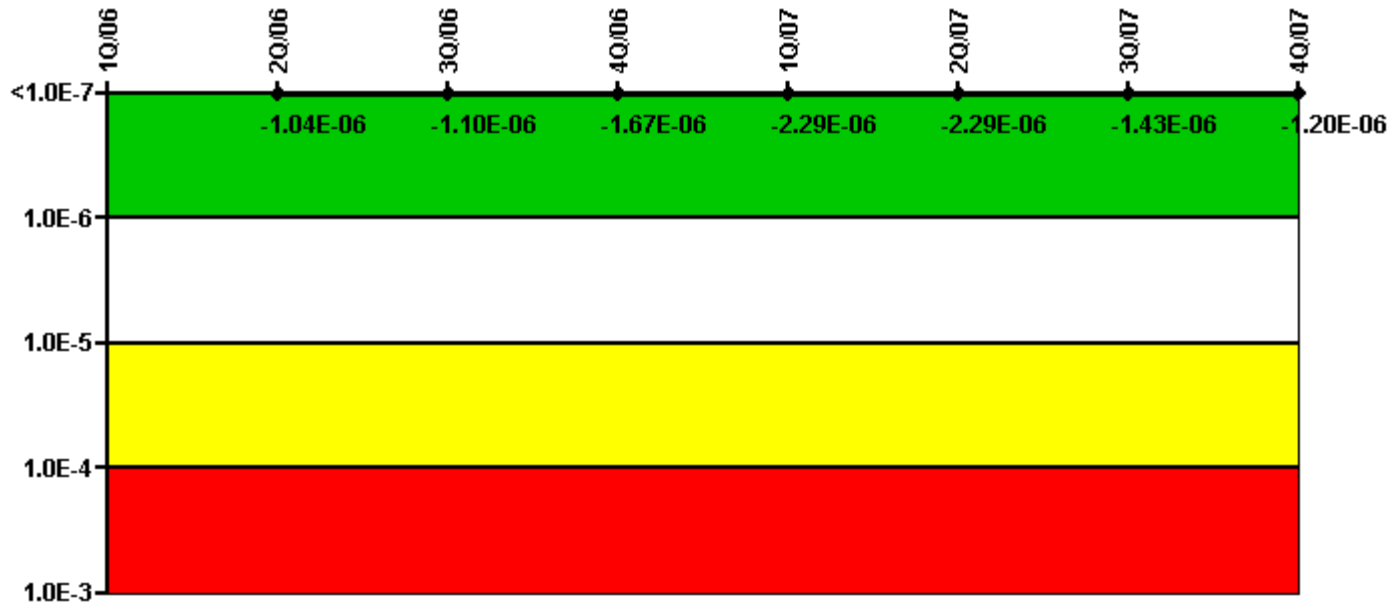
Mitigating Systems Performance Index, Residual Heat Removal System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI ( $\Delta$ CDF)		$7.00E-08$	$4.30E-08$	$3.60E-08$	$2.60E-09$	$2.60E-08$	$9.60E-08$	$1.00E-07$
URI ( $\Delta$ CDF)		$-5.30E-08$	$-5.20E-08$	$-5.20E-08$	$-5.20E-08$	$-5.20E-08$	$-4.70E-08$	$-4.70E-08$
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		$1.70E-08$	$-9.00E-09$	$-1.60E-08$	$-4.94E-08$	$-2.60E-08$	$4.90E-08$	$5.30E-08$

Licensee Comments:

4Q/07: Pending failure from 3Q07 for T-013 RWST temperature, AR01111841 was determined to not be a failure.



# Mitigating Systems Performance Index, Cooling Water Systems



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

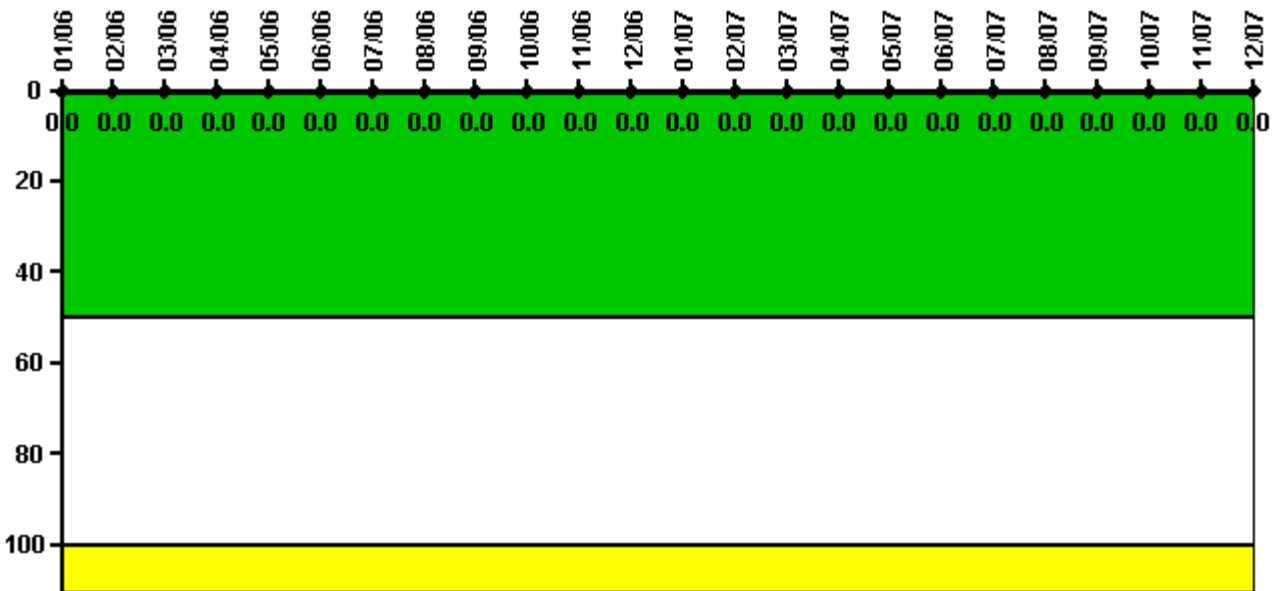
## Notes

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)		4.60E-07	4.00E-07	3.30E-07	-2.90E-07	-2.90E-07	-3.30E-07	-9.90E-08
URI ( $\Delta$ CDF)		-1.50E-06	-1.50E-06	-2.00E-06	-2.00E-06	-2.00E-06	-1.10E-06	-1.10E-06
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		-1.04E-06	-1.10E-06	-1.67E-06	-2.29E-06	-2.29E-06	-1.43E-06	-1.20E-06

Licensee Comments:

4Q/07: 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	0.000255	0.000266	0.000277	0.000283	0.000297	0.000313	0.000312	0.000321	0.000337	0.000342	0.000199	0.000204
Technical specification limit	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

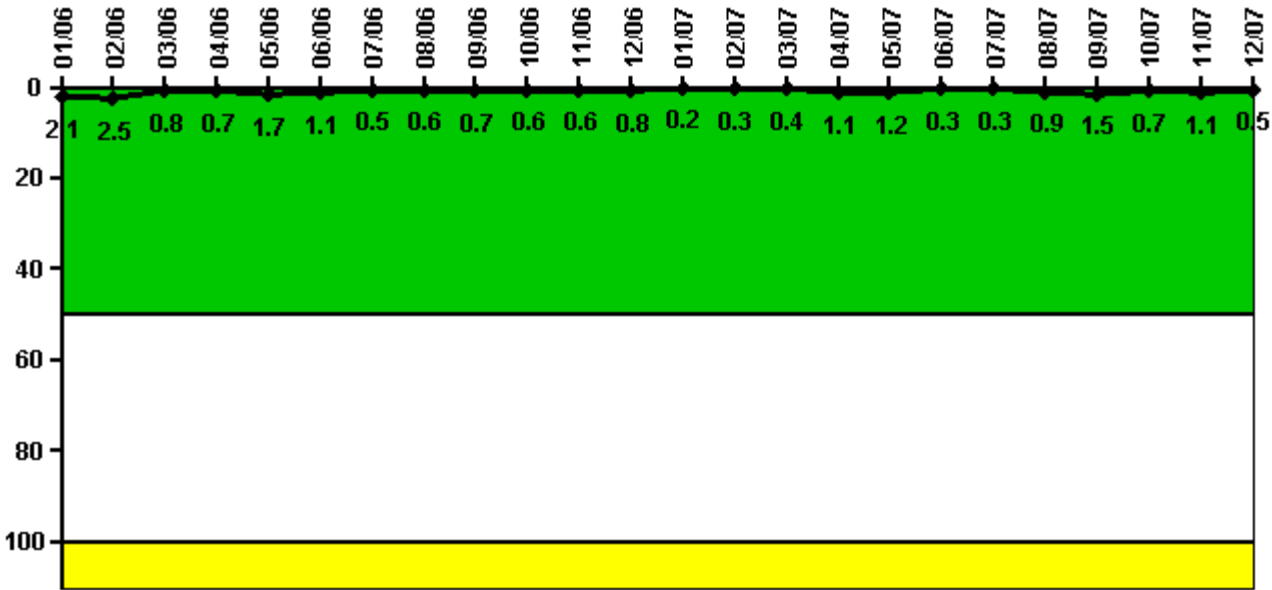
  

Reactor Coolant System Activity	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07
Maximum activity	0.000212	0.000216	0.000232	0.000246	0.000256	0.000291	0.000304	0.000289	0.000289	0.000366	0.000303	0.000306
Technical specification limit	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments:

9/07: On 9/18/07 down power to 20% back up in power by 9/19/07. CAP0119295 submitted on 01/07/2008 documenting that the I-131 data was incorrect. Data used did not meet NEI steady state criteria for the indicator calculation.

# Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

## Notes

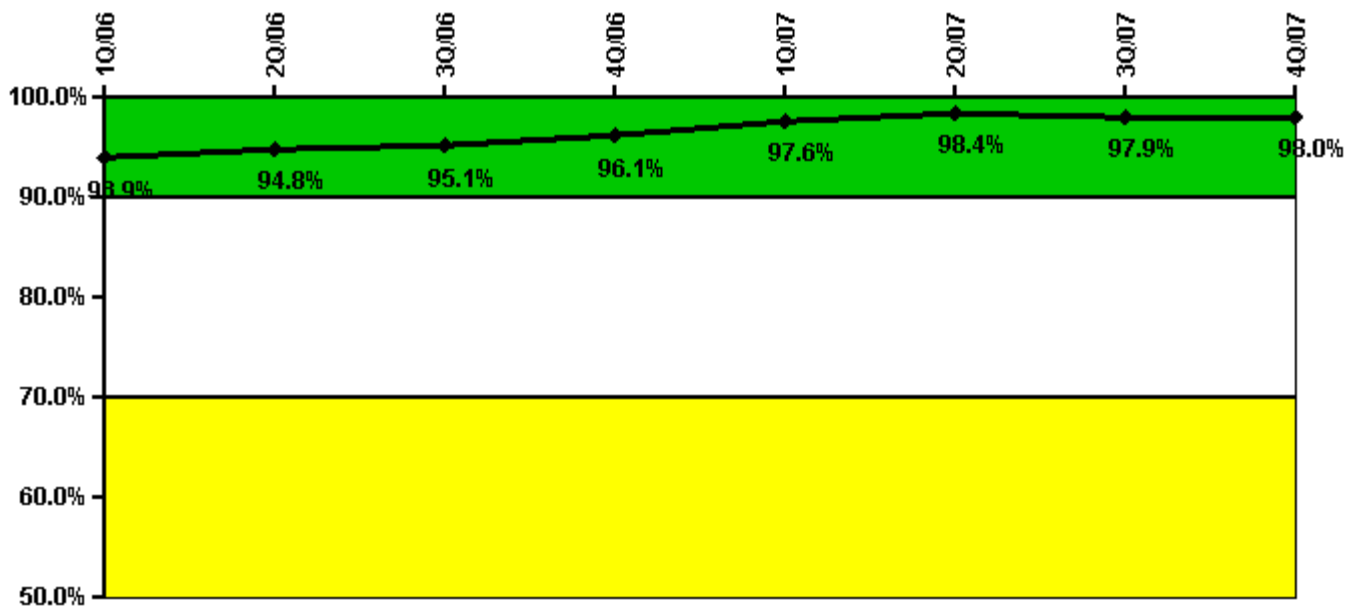
Reactor Coolant System Leakage	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06
Maximum leakage	0.210	0.250	0.080	0.070	0.170	0.110	0.054	0.060	0.070	0.060	0.060	0.080
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.1	2.5	0.8	0.7	1.7	1.1	0.5	0.6	0.7	0.6	0.6	0.8

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	0.020	0.028	0.044	0.110	0.120	0.030	0.030	0.090	0.150	0.070	0.110	0.050
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	0.2	0.3	0.4	1.1	1.2	0.3	0.3	0.9	1.5	0.7	1.1	0.5

Licensee Comments: none

## Drill/Exercise Performance



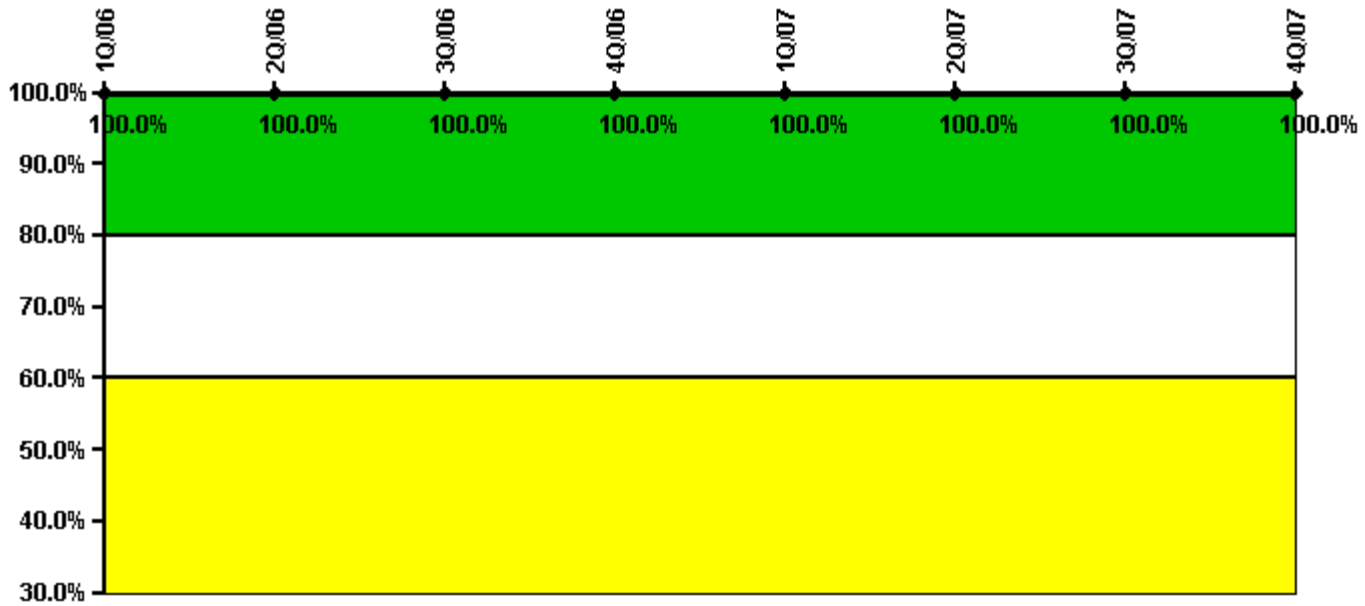
Thresholds: White < 90.0% Yellow < 70.0%

### Notes

Drill/Exercise Performance	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Successful opportunities	34.0	44.0	37.0	24.0	49.0	22.0	33.0	3.0
Total opportunities	34.0	44.0	38.0	24.0	50.0	22.0	36.0	3.0
<b>Indicator value</b>	<b>93.9%</b>	<b>94.8%</b>	<b>95.1%</b>	<b>96.1%</b>	<b>97.6%</b>	<b>98.4%</b>	<b>97.9%</b>	<b>98.0%</b>

Licensee Comments: none

# ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

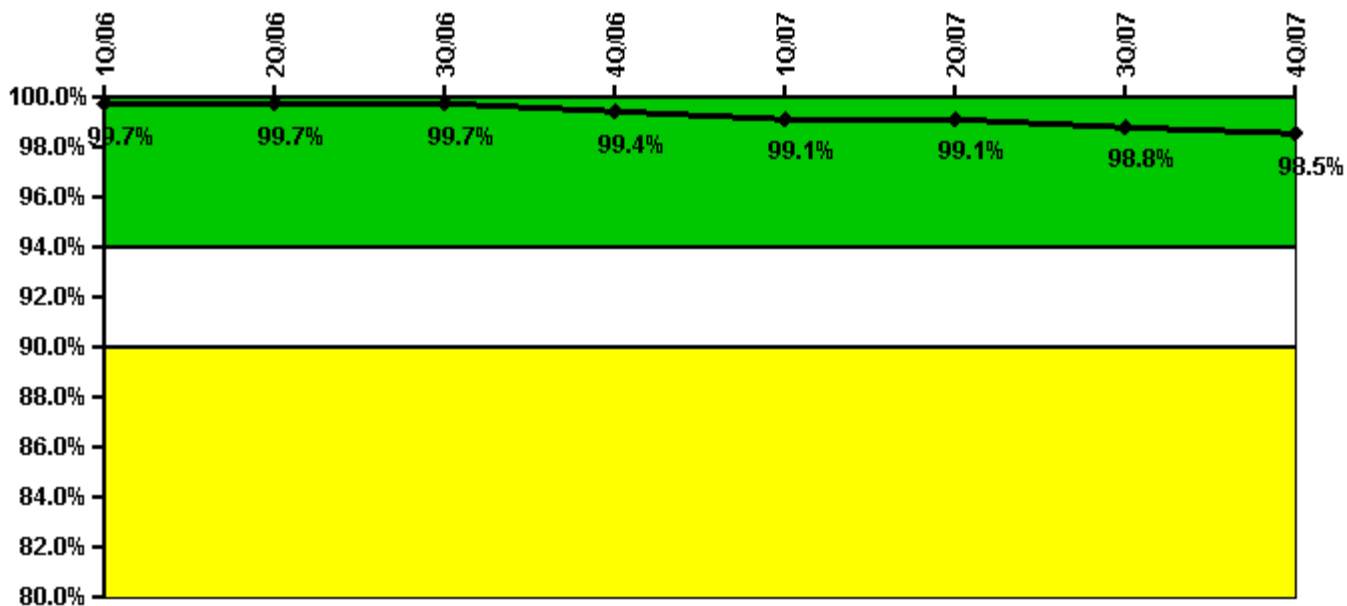
## Notes

ERO Drill Participation	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Participating Key personnel	59.0	60.0	63.0	63.0	58.0	57.0	58.0	59.0
Total Key personnel	59.0	60.0	63.0	63.0	58.0	57.0	58.0	59.0
<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>100.0%</b>

Licensee Comments: none

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# Alert & Notification System



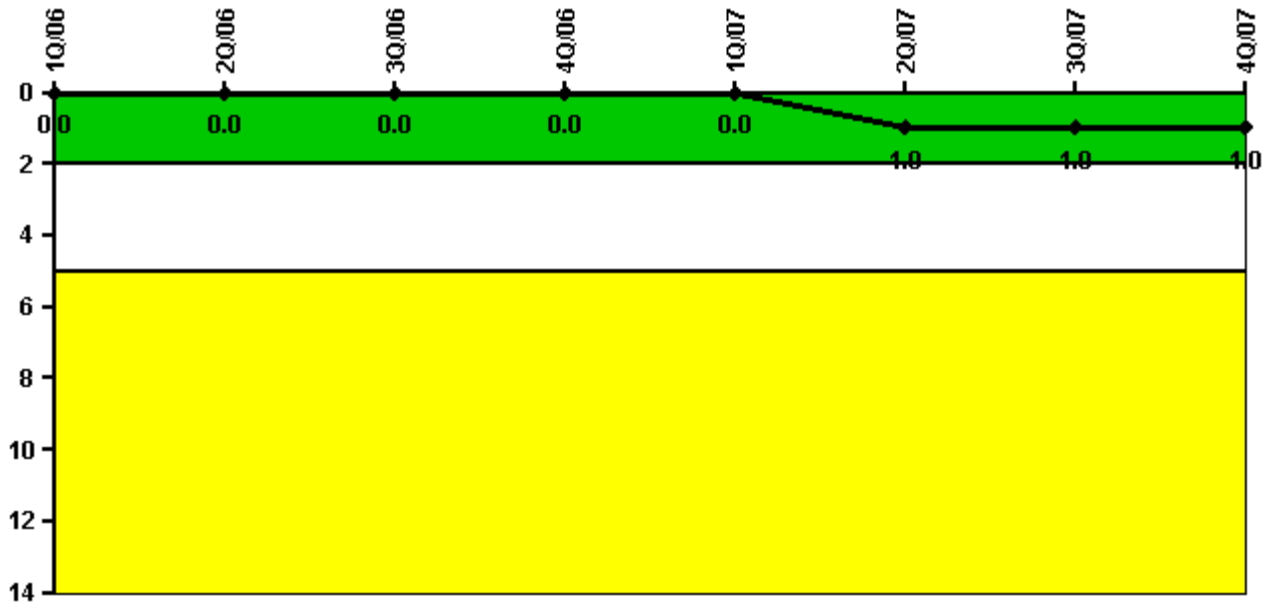
Thresholds: White < 94.0% Yellow < 90.0%

## Notes

Alert & Notification System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Successful siren-tests	84	83	84	83	83	83	83	82
Total sirens-tests	84	84	84	84	84	84	84	84
Indicator value	99.7%	99.7%	99.7%	99.4%	99.1%	99.1%	98.8%	98.5%

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	1	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>1</b>	<b>1</b>	<b>1</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