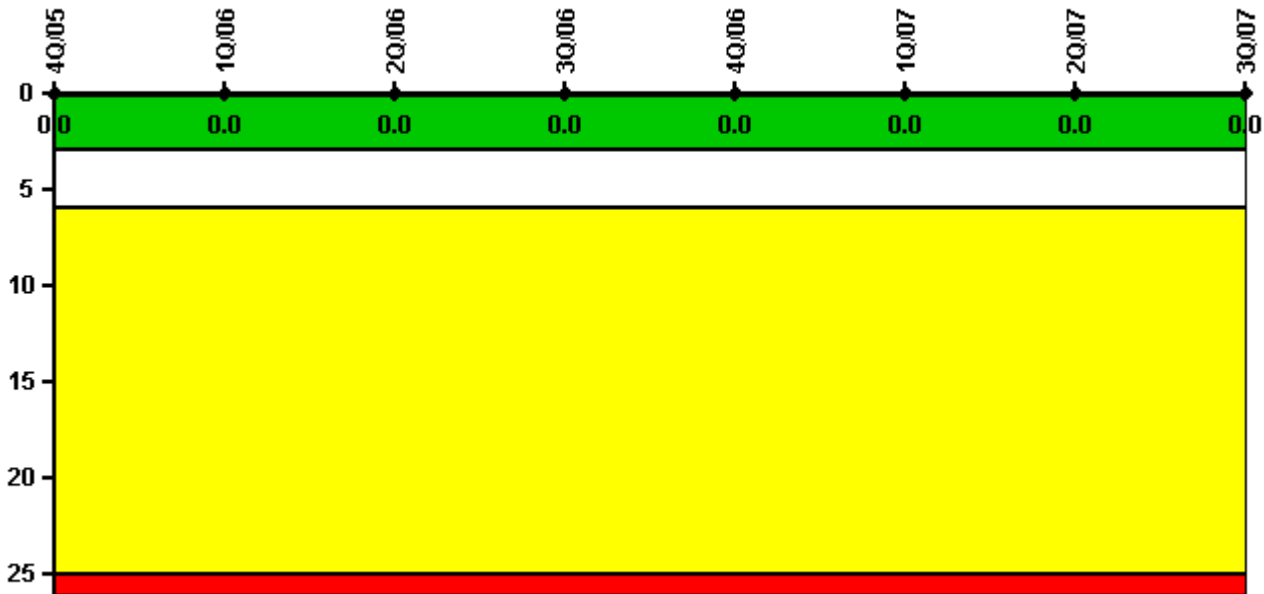


# Point Beach 2

## 3Q/2007 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



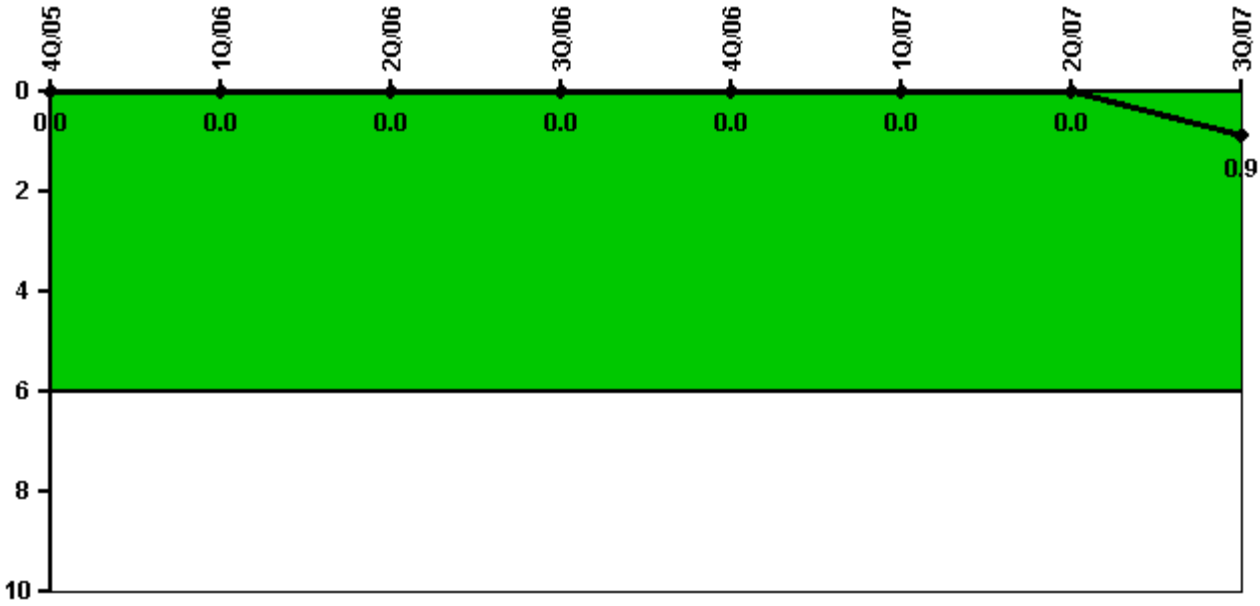
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2209.0	2160.0	2183.0	2208.0	1445.2	2159.0	2184.0	2208.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

## Unplanned Power Changes per 7000 Critical Hrs



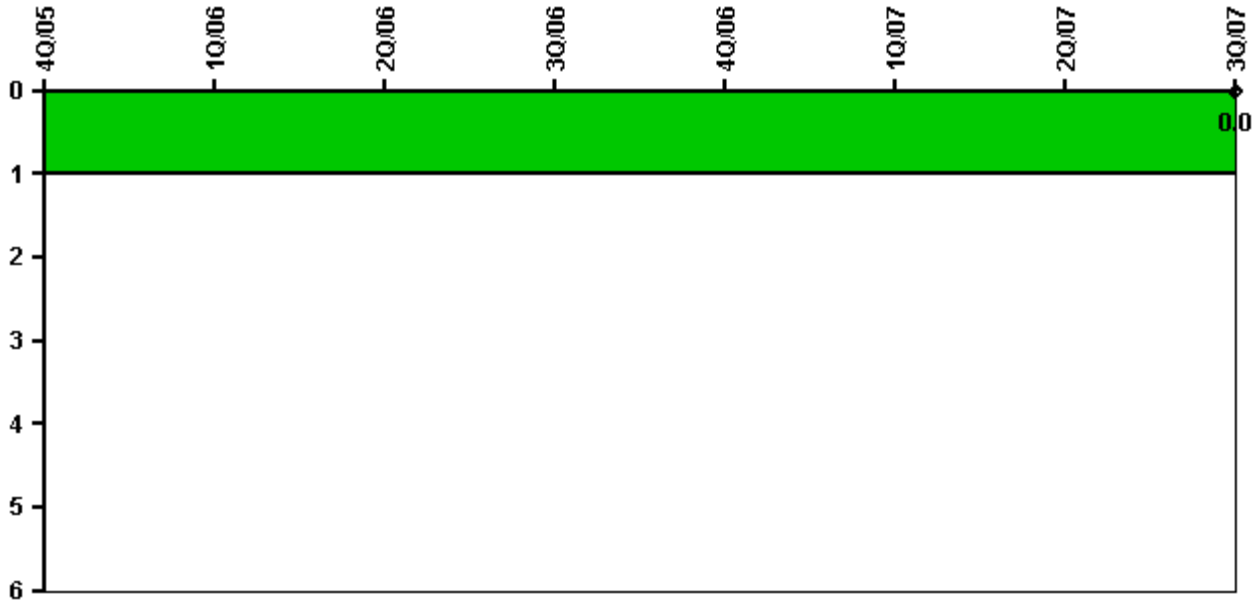
Thresholds: White > 6.0

### Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Unplanned power changes	0	0	0	0	0	0	0	1.0
Critical hours	2209.0	2160.0	2183.0	2208.0	1445.2	2159.0	2184.0	2208.0
Indicator value	0	0	0	0	0	0	0	0.9

Licensee Comments: none

# Unplanned Scrams with Complications



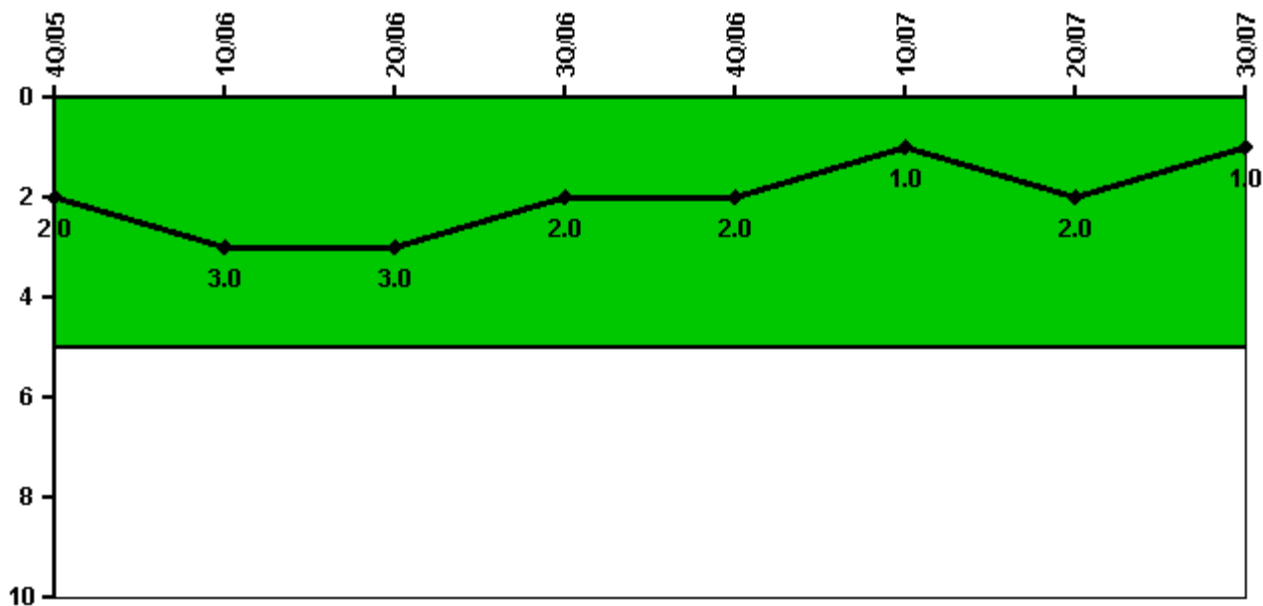
Thresholds: White > 1.0

## Notes

Unplanned Scrams with Complications	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Scrams with complications					0	0	0	0
Indicator value								0.0

Licensee Comments: none

## Safety System Functional Failures (PWR)



Thresholds: White > 5.0

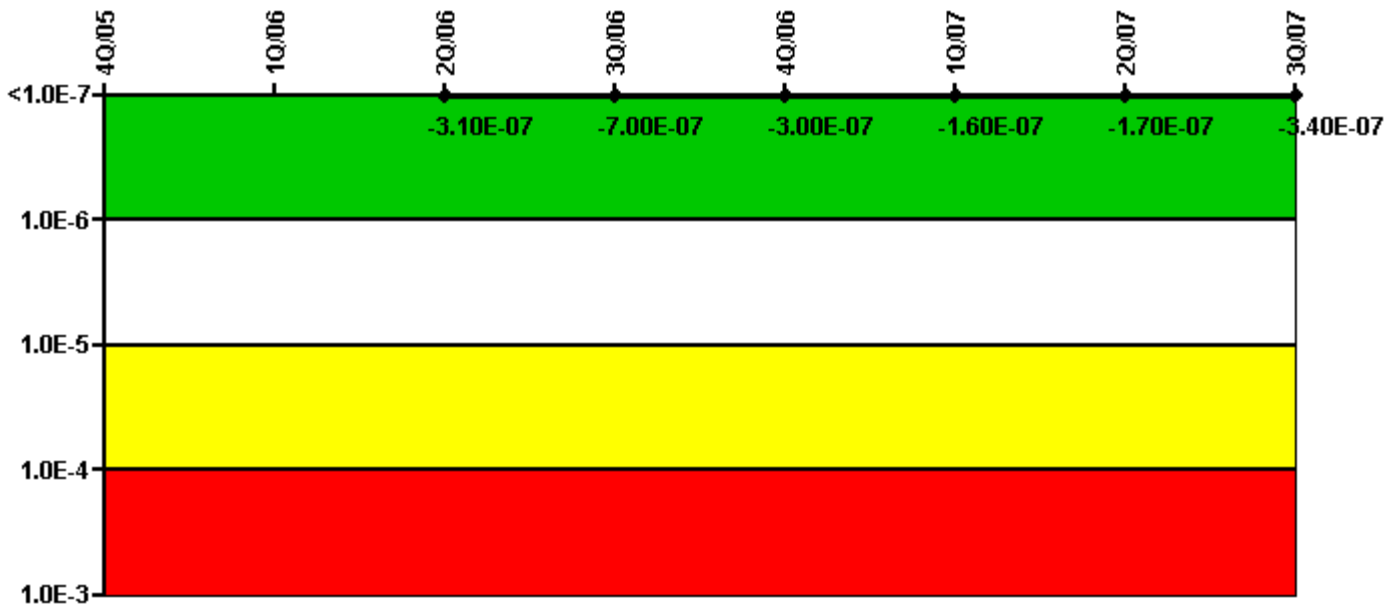
### Notes

Safety System Functional Failures (PWR)	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Safety System Functional Failures	0	1	0	1	0	0	1	0
Indicator value	2	3	3	2	2	1	2	1

Licensee Comments:

3Q/07: None

# Mitigating Systems Performance Index, Emergency AC Power System



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

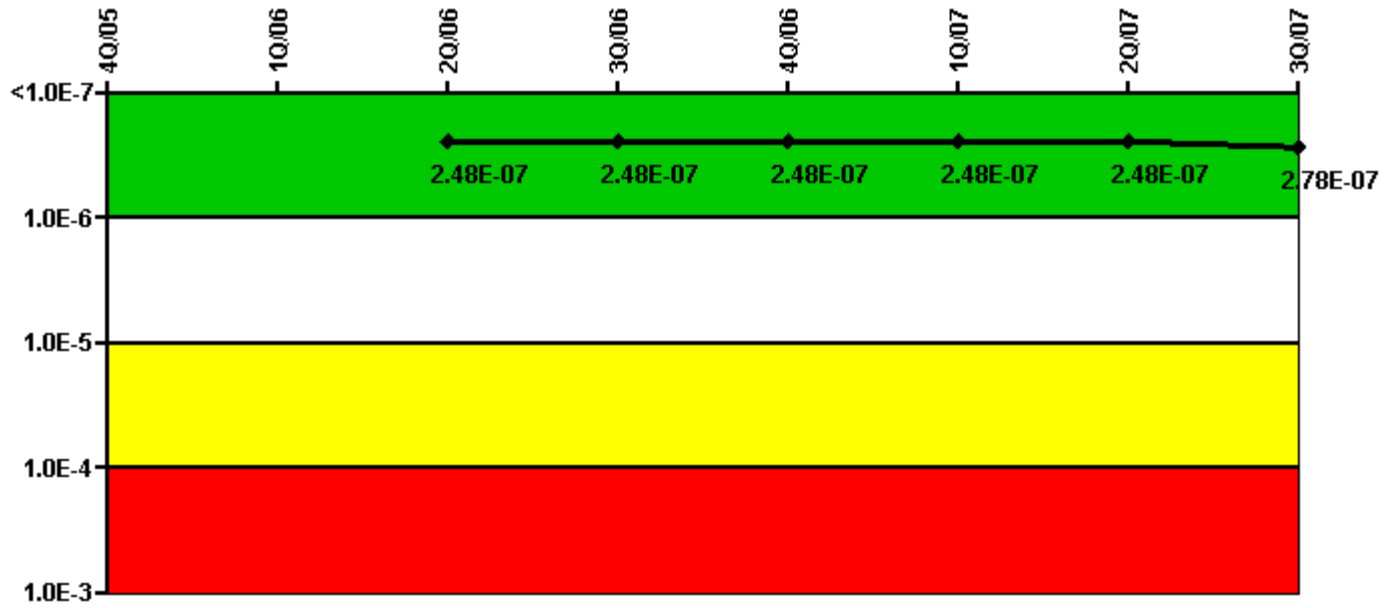
## Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI ( $\Delta$ CDF)			6.10E-07	4.00E-07	5.80E-07	7.20E-07	7.10E-07	5.40E-07
URI ( $\Delta$ CDF)			-9.20E-07	-1.10E-06	-8.80E-07	-8.80E-07	-8.80E-07	-8.80E-07
PLE			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

Licensee Comments:

3Q/07: Changed PRA Parameter(s). Implementation of PRA Model Revision 3.18, dated 06/29/2007 (MSPI Basis Document Revision 7)

# Mitigating Systems Performance Index, High Pressure Injection System



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

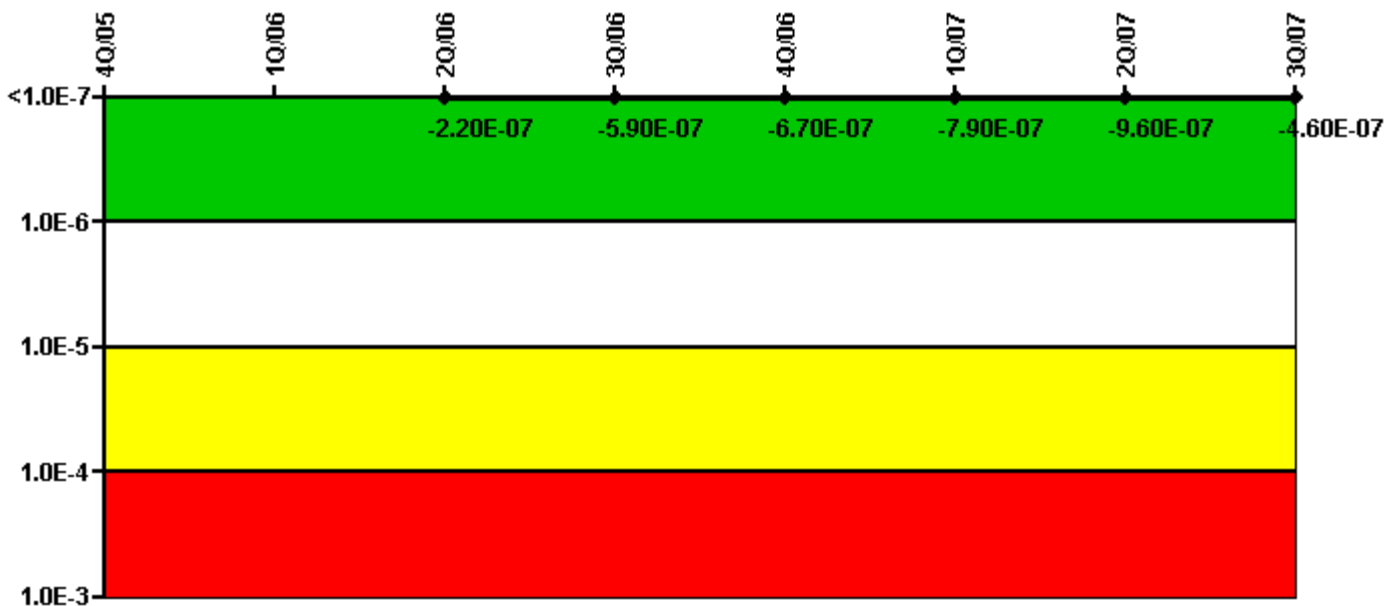
## Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI ( $\Delta$ CDF)			-1.60E-09	-1.60E-09	-1.90E-09	-1.90E-09	-1.90E-09	2.80E-08
URI ( $\Delta$ CDF)			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
Indicator value			2.48E-07	2.48E-07	2.48E-07	2.48E-07	2.48E-07	2.78E-07

Licensee Comments:

3Q/07: Changed PRA Parameter(s). Implementation of PRA Model Revision 3.18, dated 06/29/2007 (MSPI Basis Document Revision 7) Pending failure evaluation for T-013, AR01111841-06 would affect classification of unavailability as planned.

# Mitigating Systems Performance Index, Heat Removal System



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

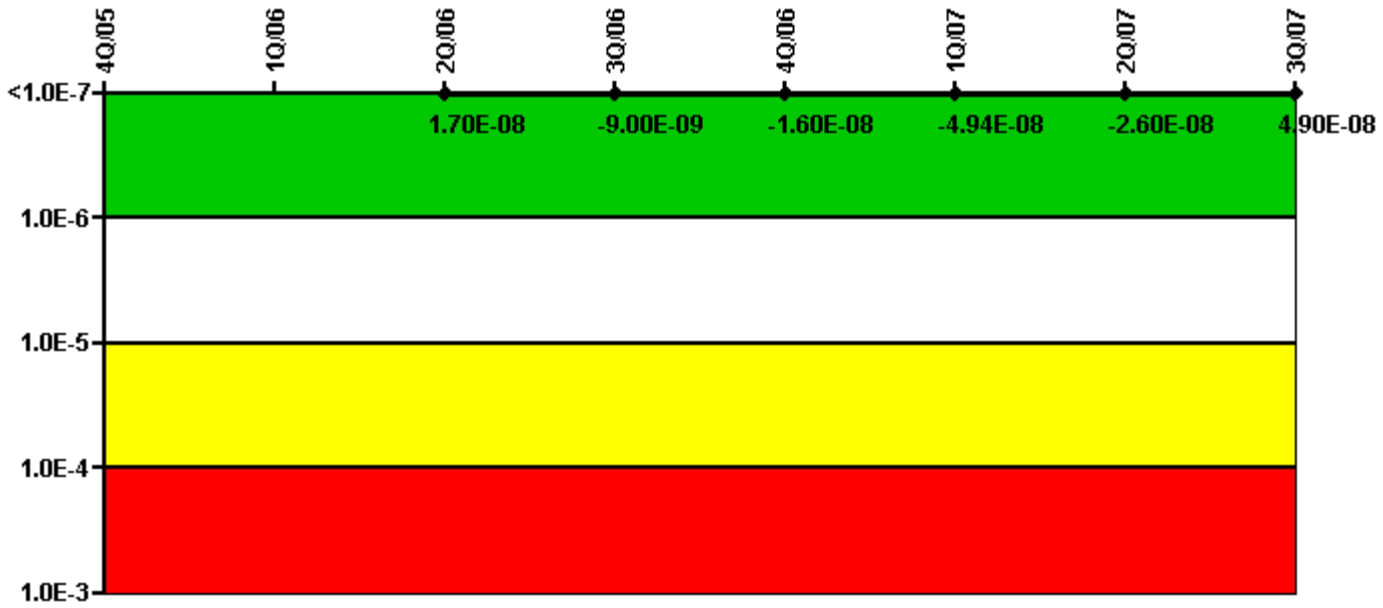
## Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI ( $\Delta$ CDF)			$8.80E-07$	$5.10E-07$	$4.30E-07$	$3.10E-07$	$1.40E-07$	$6.40E-07$
URI ( $\Delta$ CDF)			$-1.10E-06$	$-1.10E-06$	$-1.10E-06$	$-1.10E-06$	$-1.10E-06$	$-1.10E-06$
PLE			NO	NO	NO	NO	NO	NO
Indicator value			$-2.20E-07$	$-5.90E-07$	$-6.70E-07$	$-7.90E-07$	$-9.60E-07$	$-4.60E-07$

Licensee Comments:

3Q/07: Changed PRA Parameter(s). Implementation of PRA Model Revision 3.18, dated 06/29/2007 (MSPI Basis Document Revision 7) Pending failure evaluation for 2P-29, AR01112475.

# Mitigating Systems Performance Index, Residual Heat Removal System



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

## Notes

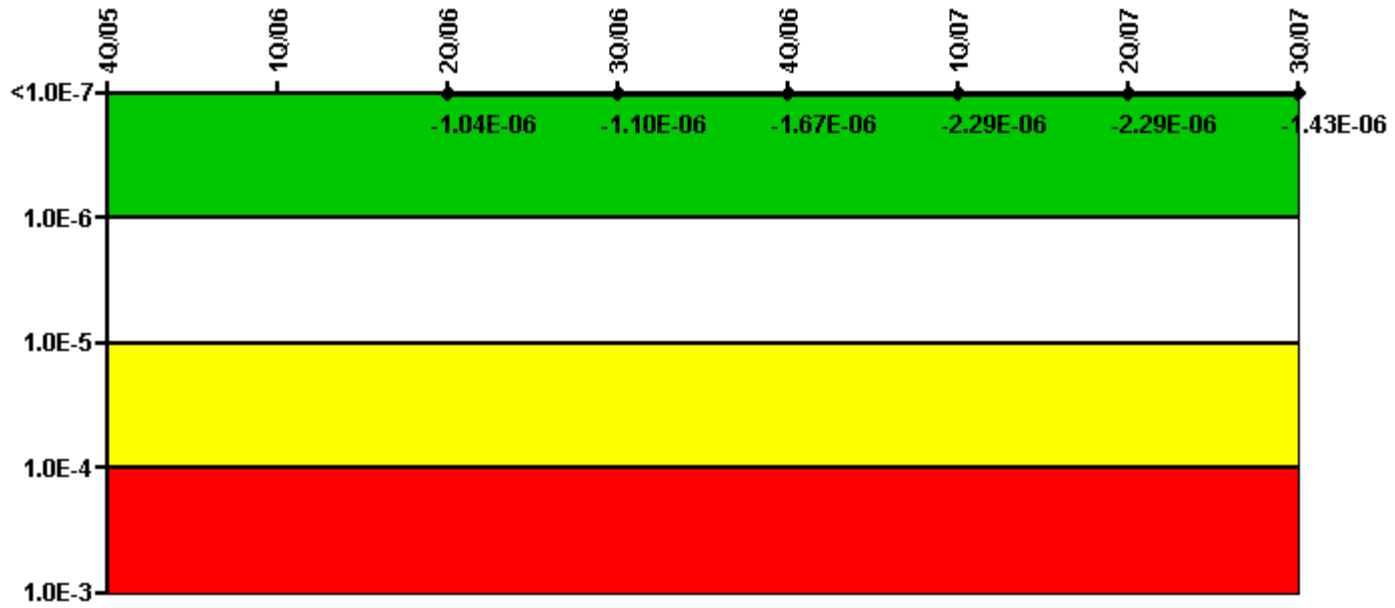
Mitigating Systems Performance Index, Residual Heat Removal System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI ( $\Delta$ CDF)			$7.00E-08$	$4.30E-08$	$3.60E-08$	$2.60E-09$	$2.60E-08$	$9.60E-08$
URI ( $\Delta$ CDF)			$-5.30E-08$	$-5.20E-08$	$-5.20E-08$	$-5.20E-08$	$-5.20E-08$	$-4.70E-08$
PLE			NO	NO	NO	NO	NO	NO
Indicator value			$1.70E-08$	$-9.00E-09$	$-1.60E-08$	$-4.94E-08$	$-2.60E-08$	$4.90E-08$

Licensee Comments:

3Q/07: Changed PRA Parameter(s). Implementation of PRA Model Revision 3.18, dated 06/29/2007 (MSPI Basis Document Revision 7) Pending failure evaluation for T-013, AR01111841-06 would affect classification of unavailability as planned.



# Mitigating Systems Performance Index, Cooling Water Systems



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

## Notes

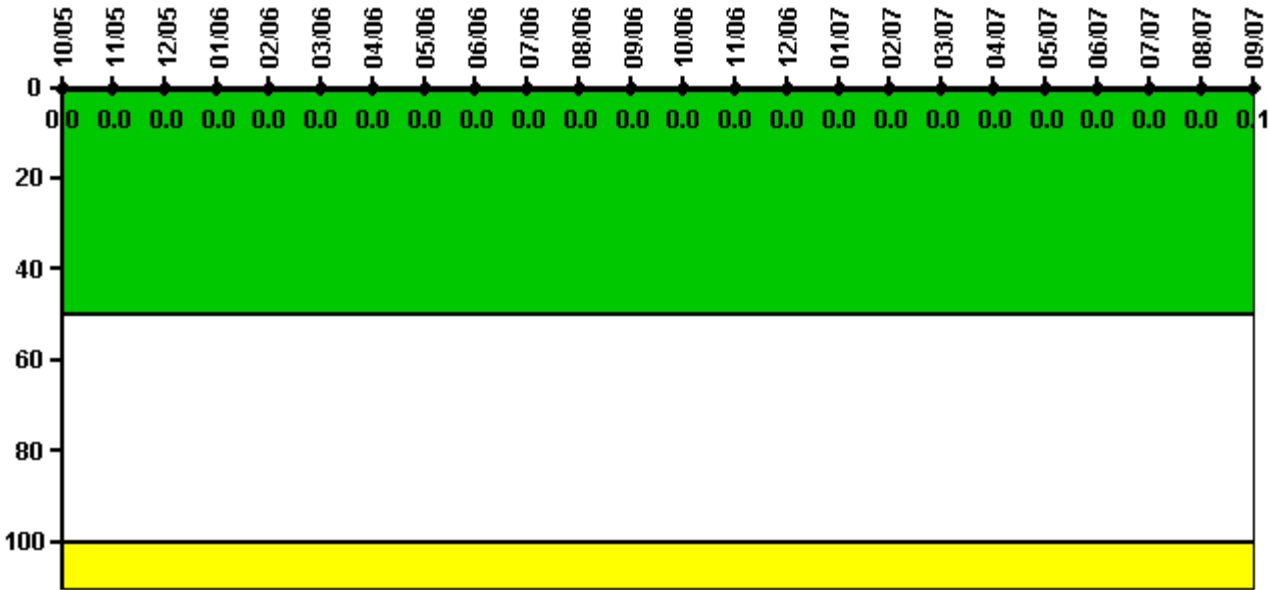
Mitigating Systems Performance Index, Cooling Water Systems	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI ( $\Delta$ CDF)			4.60E-07	4.00E-07	3.30E-07	-2.90E-07	-2.90E-07	-3.30E-07
URI ( $\Delta$ CDF)			-1.50E-06	-1.50E-06	-2.00E-06	-2.00E-06	-2.00E-06	-1.10E-06
PLE			NO	NO	NO	NO	NO	NO
Indicator value			-1.04E-06	-1.10E-06	-1.67E-06	-2.29E-06	-2.29E-06	-1.43E-06

Licensee Comments:

3Q/07: Changed PRA Parameter(s). Implementation of PRA Model Revision 3.18, dated 06/29/2007 (MSPI Basis Document Revision 7) Pending failure evaluation from 2Q07 for 2P-11A, AR01098674-05 was determined to not be a failure.

2Q/07: Pending failure evaluation for 2P-11A, AR01098674-05

# Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

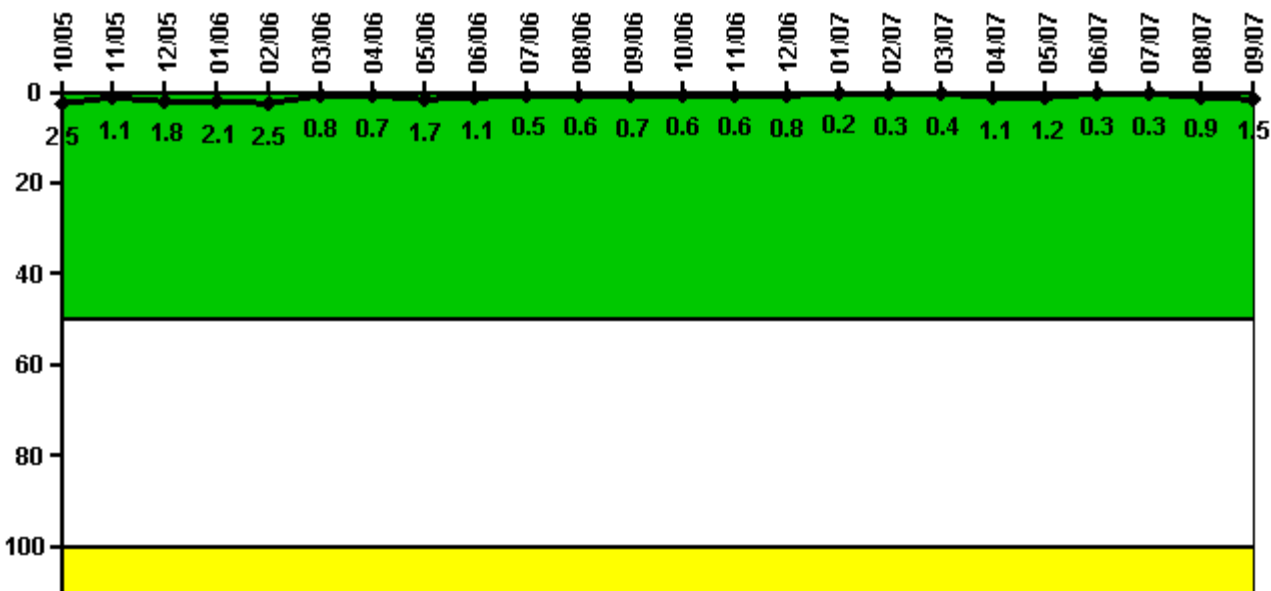
## Notes

Reactor Coolant System Activity	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06
Maximum activity	0.000310	0.000254	0.000258	0.000255	0.000266	0.000277	0.000283	0.000297	0.000313	0.000312	0.000321	0.000337
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	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07
Maximum activity	0.000342	0.000199	0.000204	0.000212	0.000216	0.000232	0.000246	0.000256	0.000291	0.000304	0.000289	0.000558
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	0.1

Licensee Comments:

9/07: On 9/18/07 down power to 20% back up in power by 9/19/07.

# Reactor Coolant System Leakage



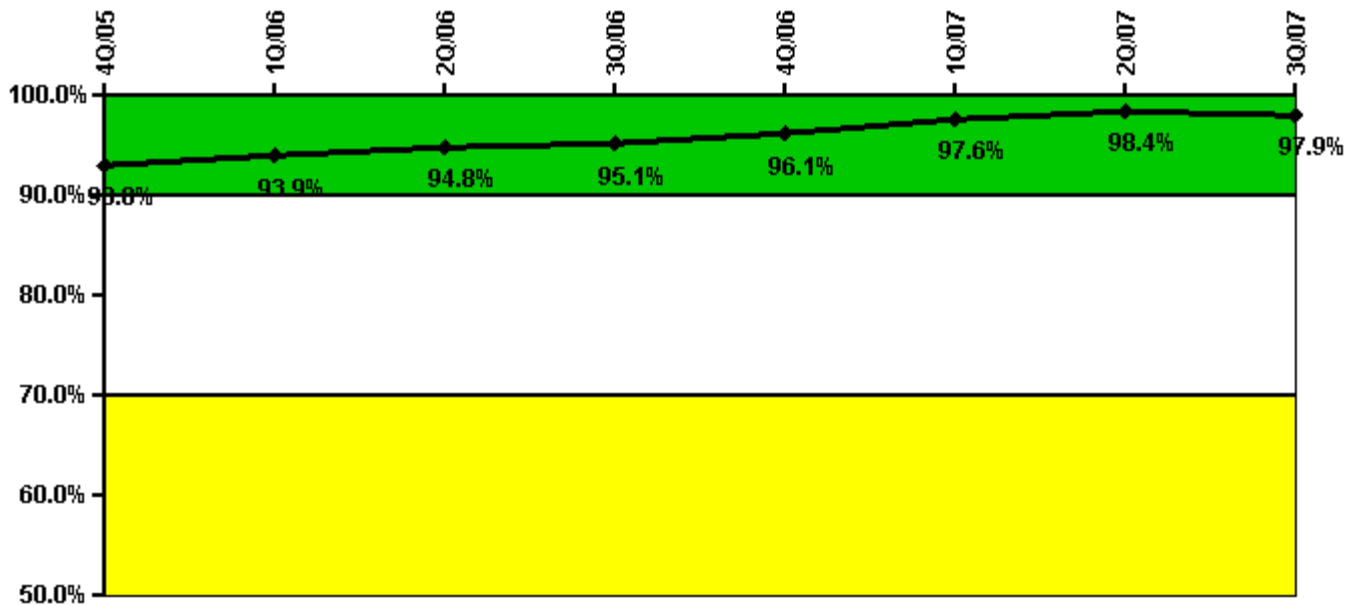
Thresholds: White > 50.0 Yellow > 100.0

## Notes

Reactor Coolant System Leakage	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06
Maximum leakage	0.250	0.110	0.180	0.210	0.250	0.080	0.070	0.170	0.110	0.054	0.060	0.070
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	2.5	1.1	1.8	2.1	2.5	0.8	0.7	1.7	1.1	0.5	0.6	0.7
Reactor Coolant System Leakage	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07
Maximum leakage	0.060	0.060	0.080	0.020	0.028	0.044	0.110	0.120	0.030	0.030	0.090	0.150
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	0.6	0.6	0.8	0.2	0.3	0.4	1.1	1.2	0.3	0.3	0.9	1.5

Licensee Comments: none

## Drill/Exercise Performance



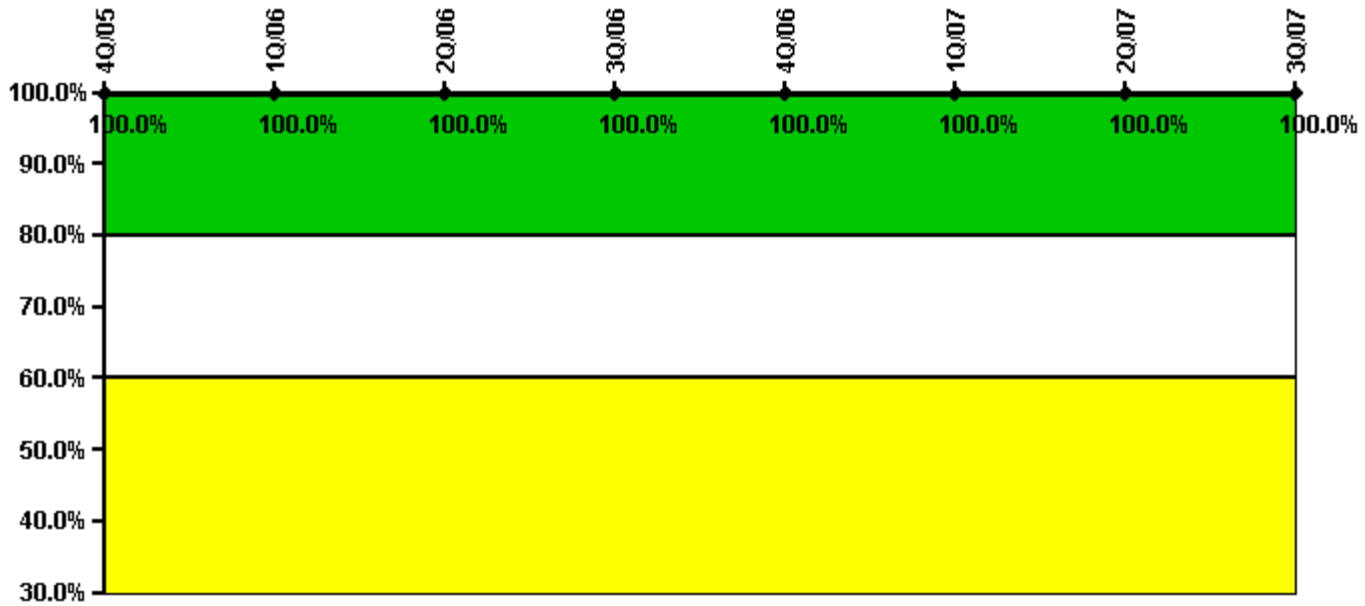
Thresholds: White < 90.0% Yellow < 70.0%

### Notes

Drill/Exercise Performance	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Successful opportunities	35.0	34.0	44.0	37.0	24.0	49.0	22.0	33.0
Total opportunities	36.0	34.0	44.0	38.0	24.0	50.0	22.0	36.0
Indicator value	93.0%	93.9%	94.8%	95.1%	96.1%	97.6%	98.4%	97.9%

Licensee Comments: none

# ERO Drill Participation



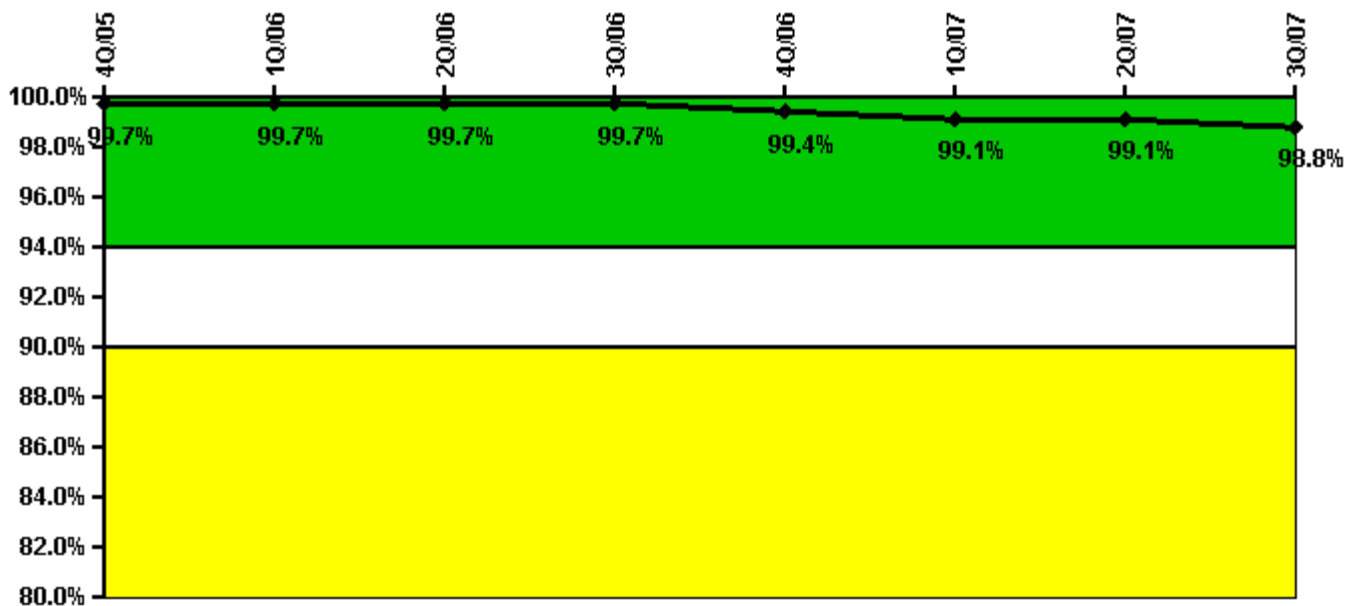
Thresholds: White < 80.0% Yellow < 60.0%

## Notes

ERO Drill Participation	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Participating Key personnel	53.0	59.0	60.0	63.0	63.0	58.0	57.0	58.0
Total Key personnel	53.0	59.0	60.0	63.0	63.0	58.0	57.0	58.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

# Alert & Notification System



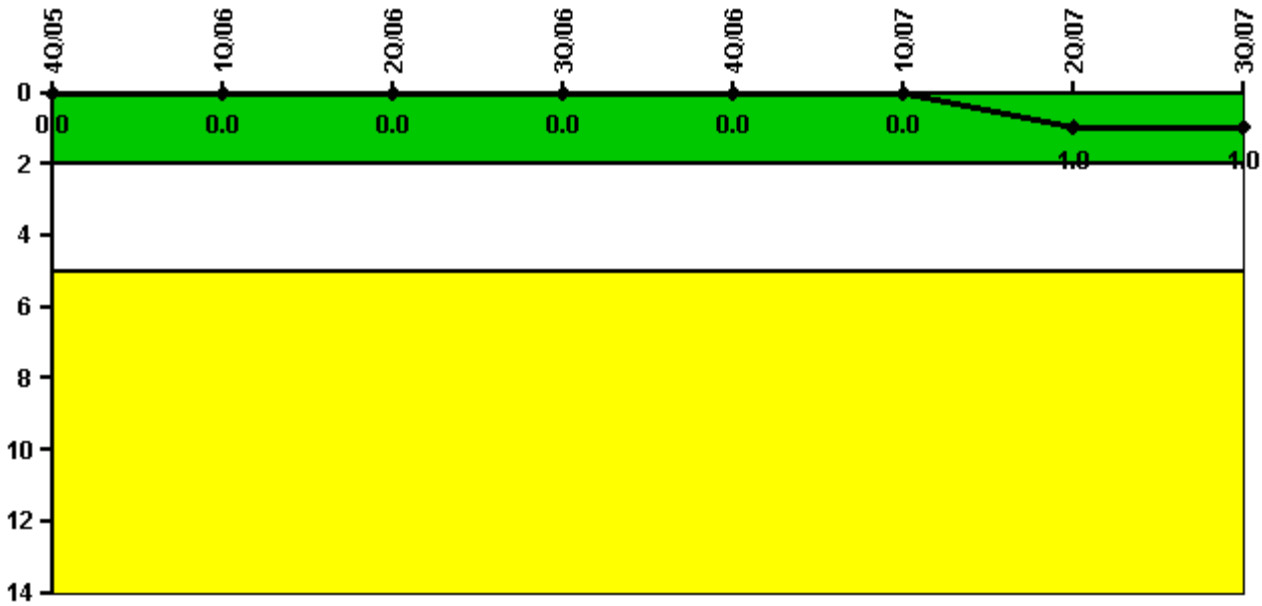
Thresholds: White < 94.0% Yellow < 90.0%

## Notes

Alert & Notification System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Successful siren-tests	84	84	83	84	83	83	83	83
Total sirens-tests	84	84	84	84	84	84	84	84
Indicator value	99.7%	99.7%	99.7%	99.7%	99.4%	99.1%	99.1%	98.8%

Licensee Comments: none

# Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

## Notes

Occupational Exposure Control Effectiveness	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
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
<b>Indicator value</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>

Licensee Comments:

2Q/07: One TS High Rad Area occurred in April 2007. CAP01086559 was submitted.

# RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

## Notes

RETS/ODCM Radiological Effluent	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/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

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[Physical Protection](#) information not publicly available.

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▲ [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: December 7, 2007