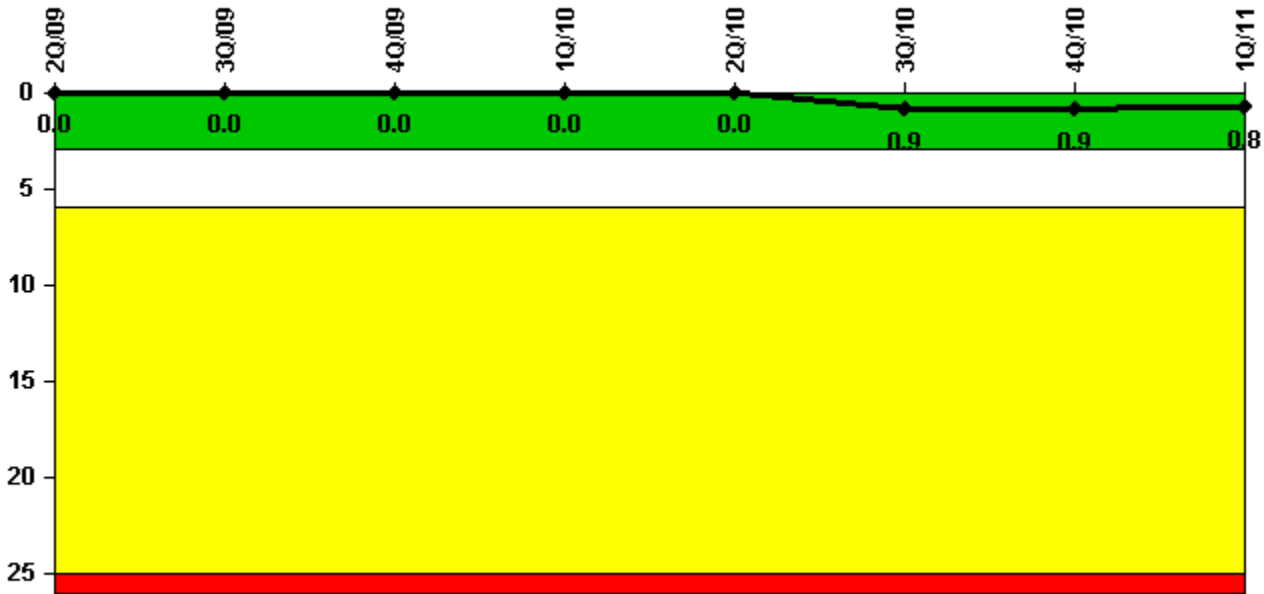


# Point Beach 1

## 1Q/2011 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

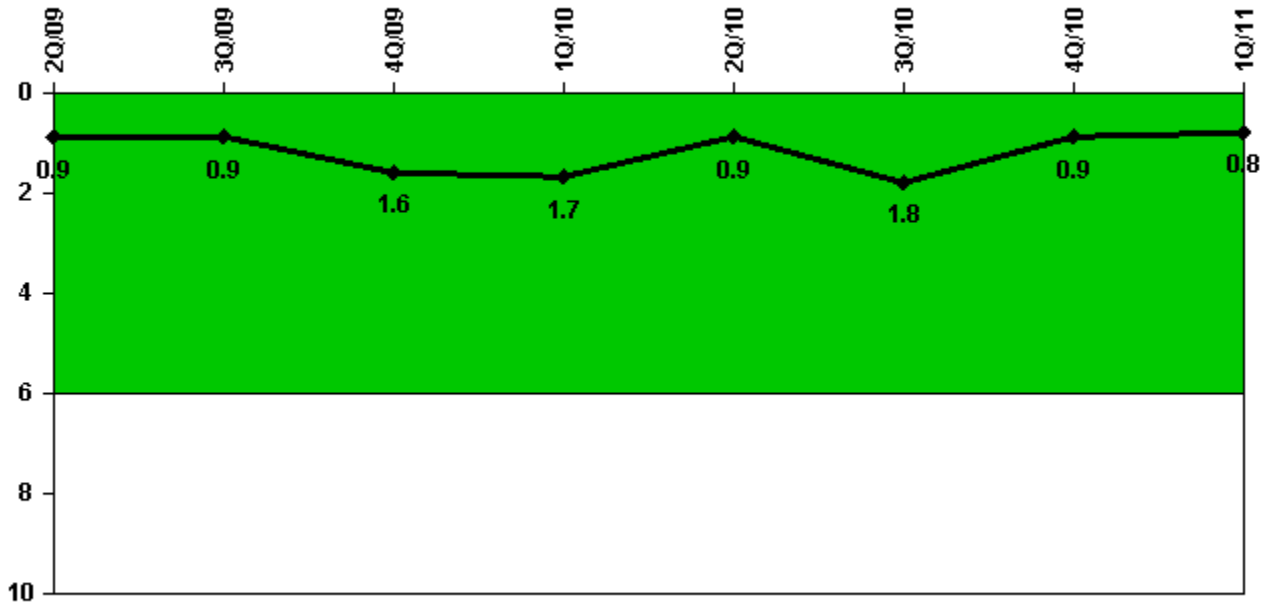
### Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Unplanned scrams	0	0	0	0	0	1.0	0	0
Critical hours	2184.0	2208.0	2209.0	1416.6	2120.0	2170.0	2209.0	2159.0
Indicator value	0	0	0	0	0	0.9	0.9	0.8

Licensee Comments:

1Q/10: Correction to March 2010 Unit 1 Critical hours. Condition has been entered into the corrective action Program - AR 01613428.

## Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

### Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Unplanned power changes	1.0	0	1.0	0	0	1.0	0	0
Critical hours	2184.0	2208.0	2209.0	1416.6	2120.0	2170.0	2209.0	2159.0
Indicator value	0.9	0.9	1.6	1.7	0.9	1.8	0.9	0.8

Licensee Comments:

1Q/10: Correction to March 2010 Unit 1 Critical hours. Condition has been entered into the corrective action Program - AR 01613428.

## Unplanned Scrams with Complications



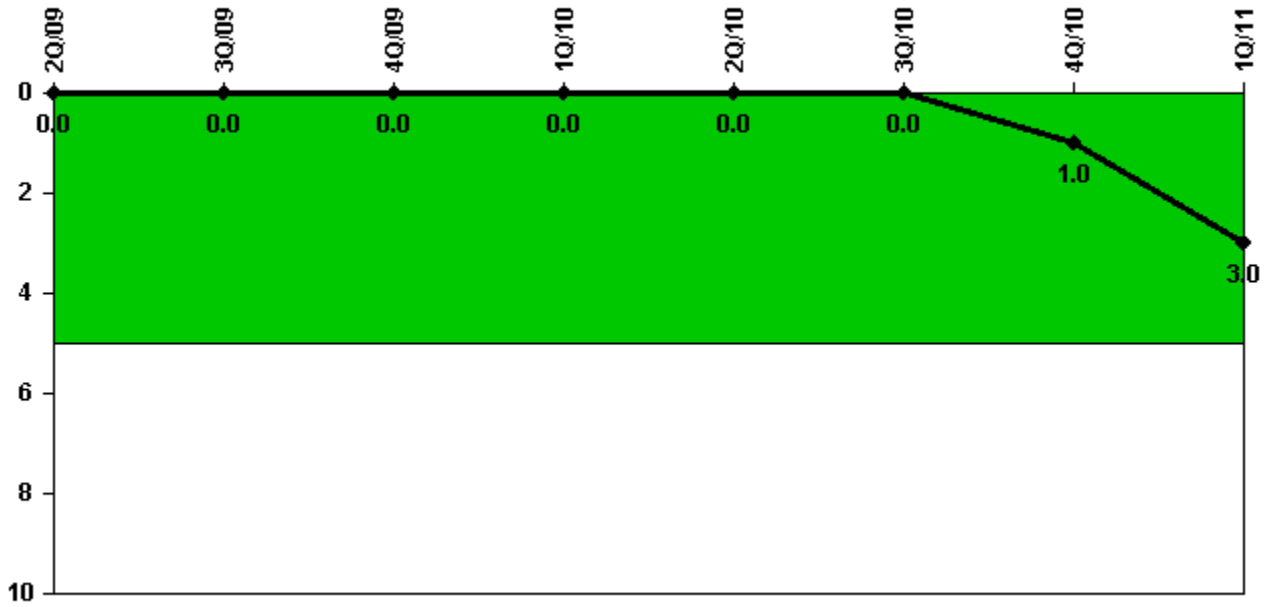
Thresholds: White > 1.0

### Notes

Unplanned Scrams with Complications	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

## Safety System Functional Failures (PWR)



Thresholds: White > 5.0

### Notes

Safety System Functional Failures (PWR)	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Safety System Functional Failures	0	0	0	0	0	0	1	2
Indicator value	0	0	0	0	0	0	1	3

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

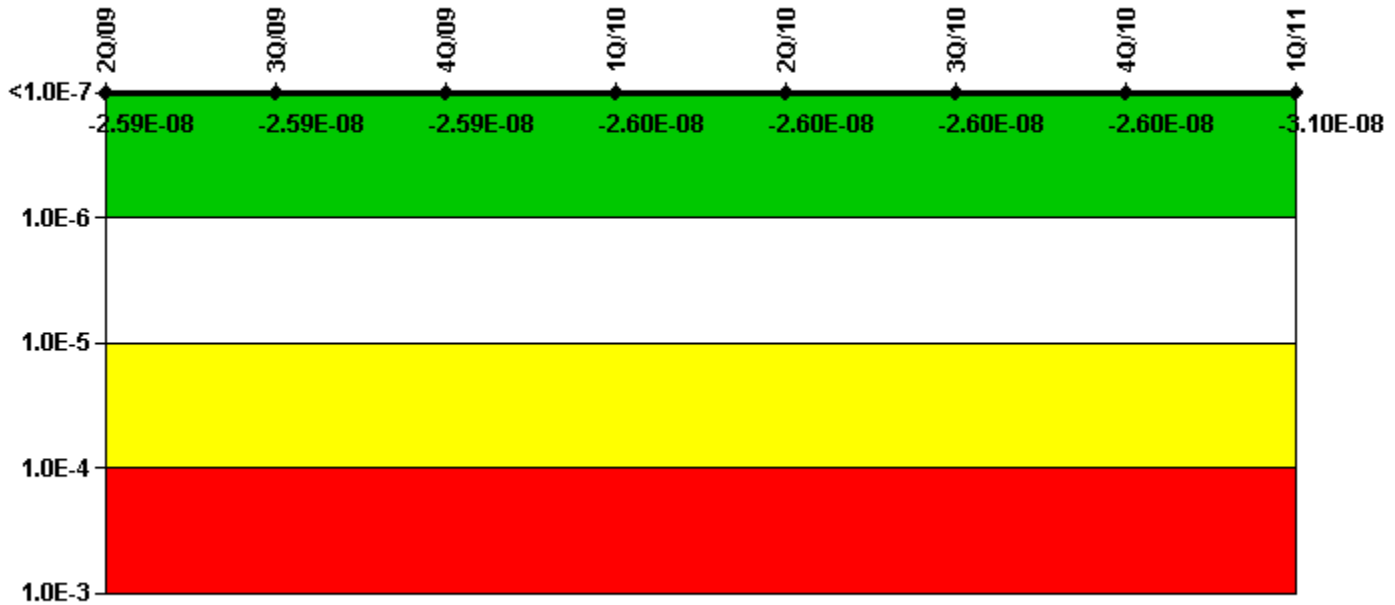
Mitigating Systems Performance Index, Emergency AC Power System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI ( $\Delta$ CDF)	$1.20E-07$	$8.10E-08$	$2.00E-08$	$-1.04E-08$	$-1.30E-08$	$4.73E-08$	$4.01E-08$	$3.01E-08$
URI ( $\Delta$ CDF)	$-1.40E-07$	$-1.40E-07$	$-1.90E-07$	$-1.88E-07$	$-1.88E-07$	$-1.88E-07$	$-1.88E-07$	$-1.82E-07$
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	$-2.00E-08$	$-5.90E-08$	$-1.70E-07$	$-2.00E-07$	$-2.00E-07$	$-1.40E-07$	$-1.50E-07$	$-1.50E-07$

Licensee Comments:

1Q/11: Pending failure for CR01614345 diesel starting air check valve stuck open.

3Q/10: Removed temporary change to baseline. MSPI Basis Document Rev 15 June 30, 2010.

# Mitigating Systems Performance Index, High Pressure Injection System



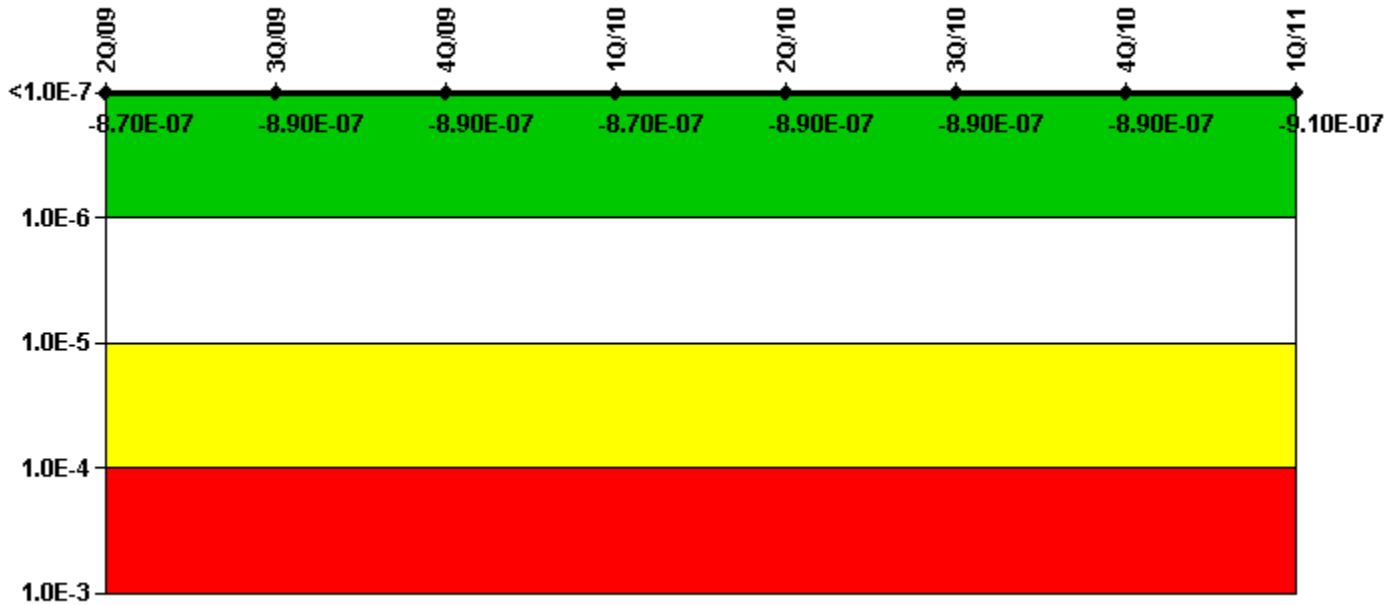
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI ( $\Delta$ CDF)	-9.90E-09	-9.90E-09	-9.90E-09	-9.74E-09	-9.96E-09	-9.95E-09	-9.95E-09	-1.46E-08
URI ( $\Delta$ CDF)	-1.60E-08	-1.60E-08	-1.60E-08	-1.61E-08	-1.61E-08	-1.61E-08	-1.61E-08	-1.61E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.59E-08	-2.59E-08	-2.59E-08	-2.60E-08	-2.60E-08	-2.60E-08	-2.60E-08	-3.10E-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

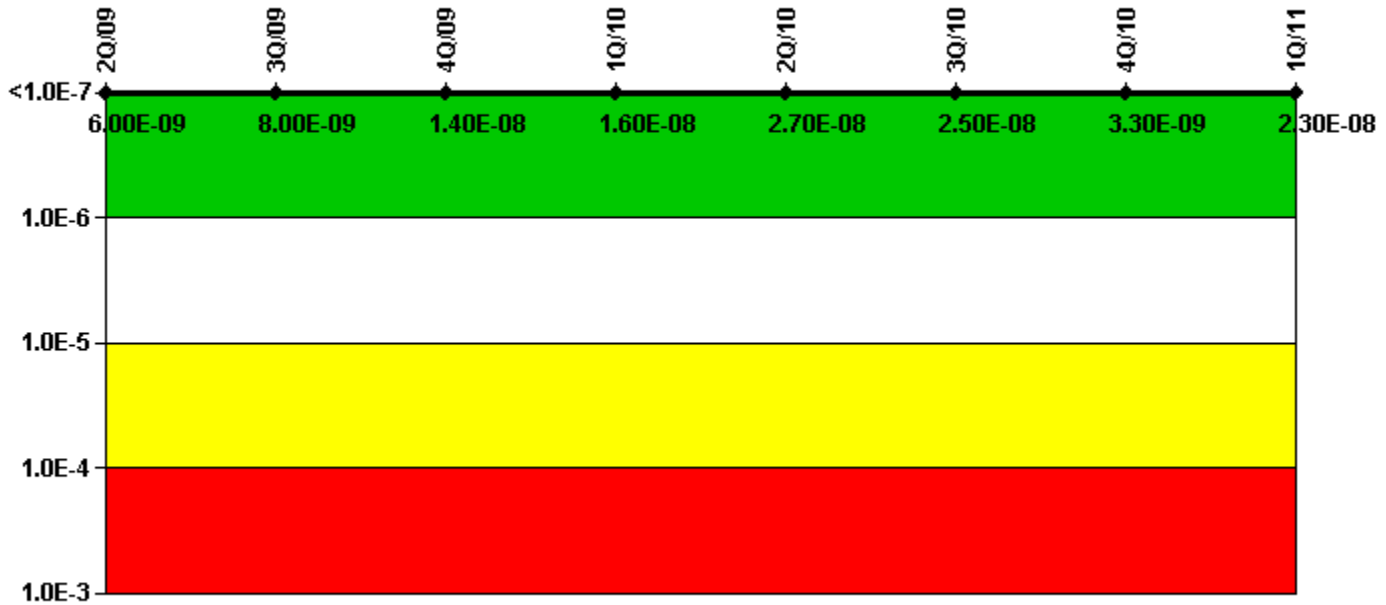
Mitigating Systems Performance Index, Heat Removal System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI ( $\Delta$ CDF)	-1.20E-07	-1.40E-07	-1.40E-07	-1.16E-07	-1.42E-07	-1.42E-07	-1.42E-07	-1.63E-07
URI ( $\Delta$ CDF)	-7.50E-07	-7.50E-07	-7.50E-07	-7.50E-07	-7.50E-07	-7.50E-07	-7.50E-07	-7.50E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-8.70E-07	-8.90E-07	-8.90E-07	-8.70E-07	-8.90E-07	-8.90E-07	-8.90E-07	-9.10E-07

## Licensee Comments:

4Q/10: Heat Removal UA revised back to 2008 per CR01401108-05 to count time while turbine driven auxiliary feedwater pump are operating as unavailable.

1Q/10: Heat Removal UA revised back to 2008 per CR01401108-05 to count time while turbine driven auxiliary feedwater pump are operating as unavailable.

# 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	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI ( $\Delta$ CDF)	4.20E-08	4.40E-08	5.00E-08	5.18E-08	6.30E-08	6.17E-08	3.95E-08	5.93E-08
URI ( $\Delta$ CDF)	-3.60E-08	-3.60E-08	-3.60E-08	-3.62E-08	-3.62E-08	-3.62E-08	-3.62E-08	-3.62E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	6.00E-09	8.00E-09	1.40E-08	1.60E-08	2.70E-08	2.50E-08	3.30E-09	2.30E-08

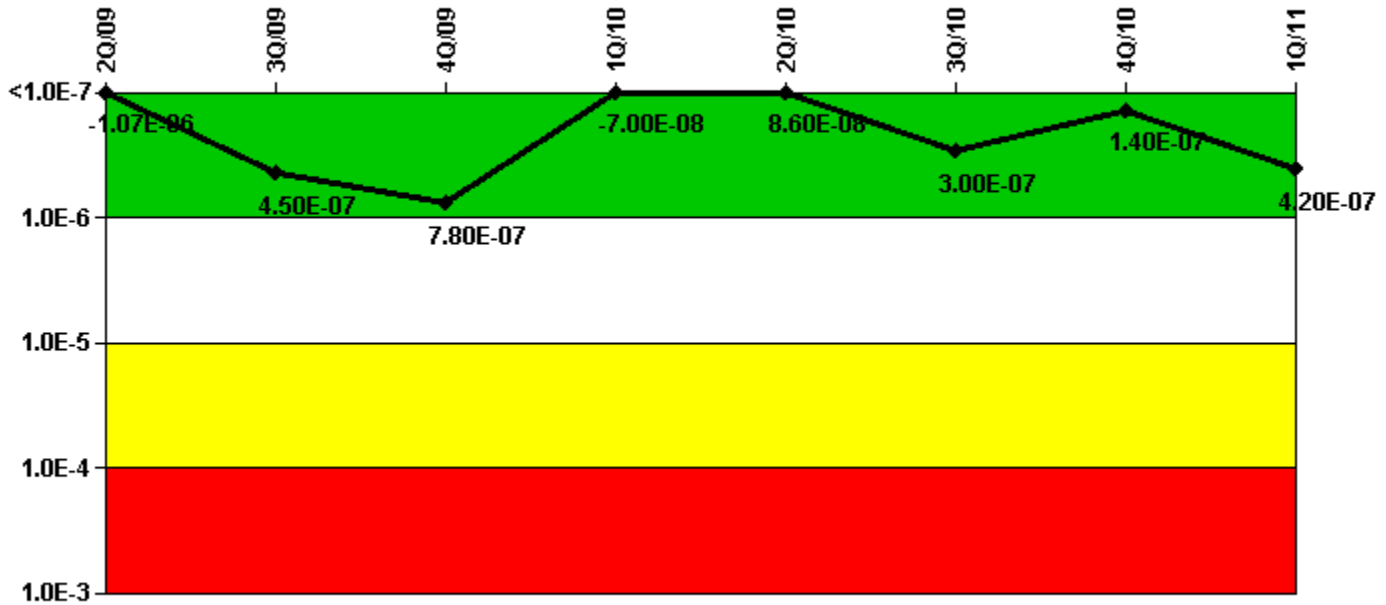
Licensee Comments:

1Q/11: Changed PRA Parameter(s). MSPI Basis Document for PBNP rev 16 removed temporary change to baseline UA.

2Q/10: Data between April 2007 and current revised to reflect not taking credit for dedicated operator per AR1171403.



# Mitigating Systems Performance Index, Cooling Water Systems



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

## Notes

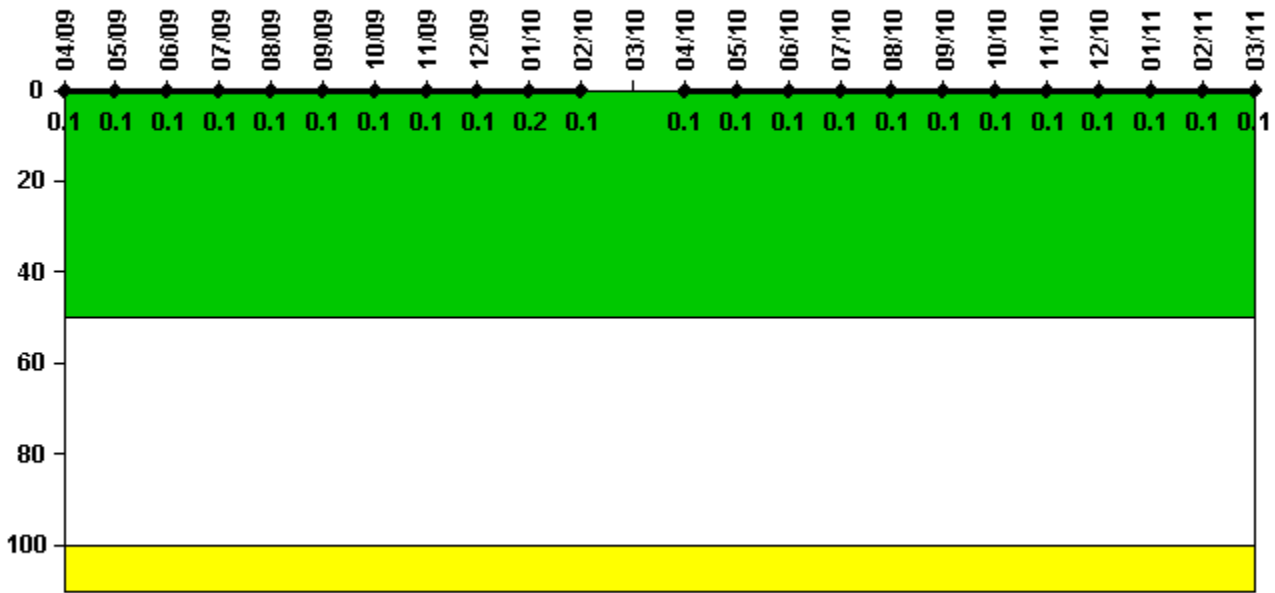
Mitigating Systems Performance Index, Cooling Water Systems	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (ΔCDF)	9.30E-07	9.70E-07	1.30E-06	1.45E-06	1.61E-06	1.82E-06	1.66E-06	1.94E-06
URI (ΔCDF)	-2.00E-06	-5.20E-07	-5.20E-07	-1.52E-06	-1.52E-06	-1.52E-06	-1.52E-06	-1.52E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.07E-06	4.50E-07	7.80E-07	-7.00E-08	8.60E-08	3.00E-07	1.40E-07	4.20E-07

Licensee Comments:

1Q/11: Risk Cap Invoked. Changed PRA Parameter(s). MSPI Basis Document for PBNP rev 16 removed temporary change to baseline UA.

1Q/10: Risk Cap Invoked.

# Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

## Notes

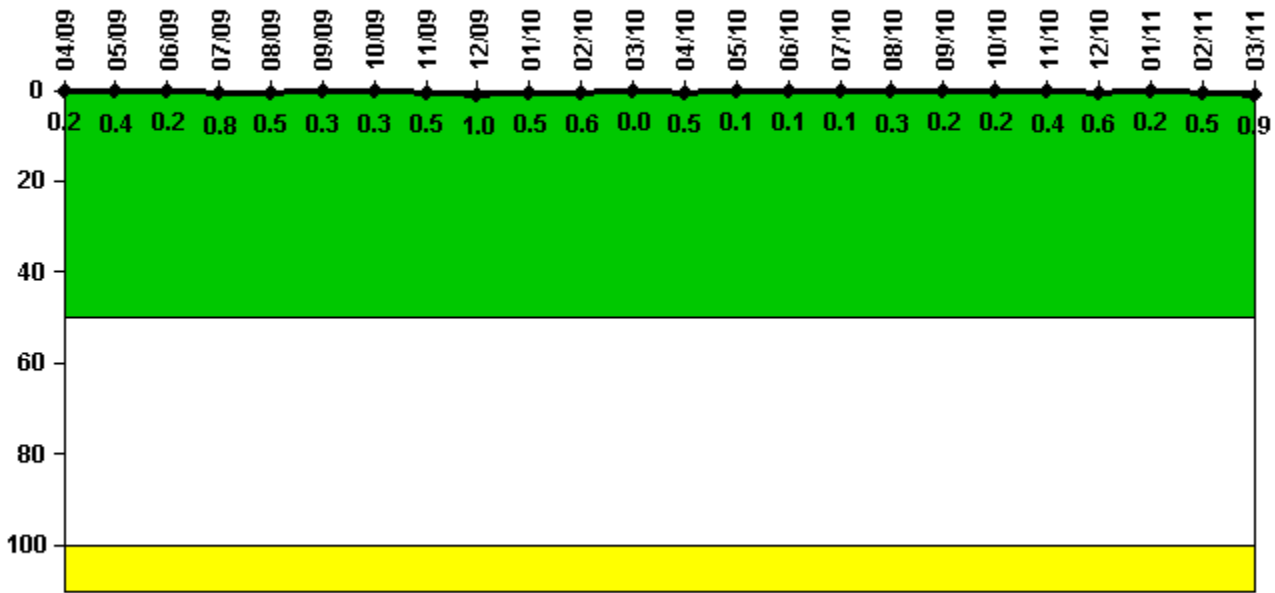
Reactor Coolant System Activity	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10
Maximum activity	0.000890	0.000878	0.000872	0.000895	0.000931	0.000987	0.001010	0.001020	0.001090	0.001230	0.001150	N/A
Technical specification limit	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1

Reactor Coolant System Activity	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11
Maximum activity	0.000559	0.000591	0.000619	0.000667	0.000684	0.000672	0.000707	0.000761	0.000770	0.000788	0.000830	0.000820
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	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

## Reactor Coolant System Leakage



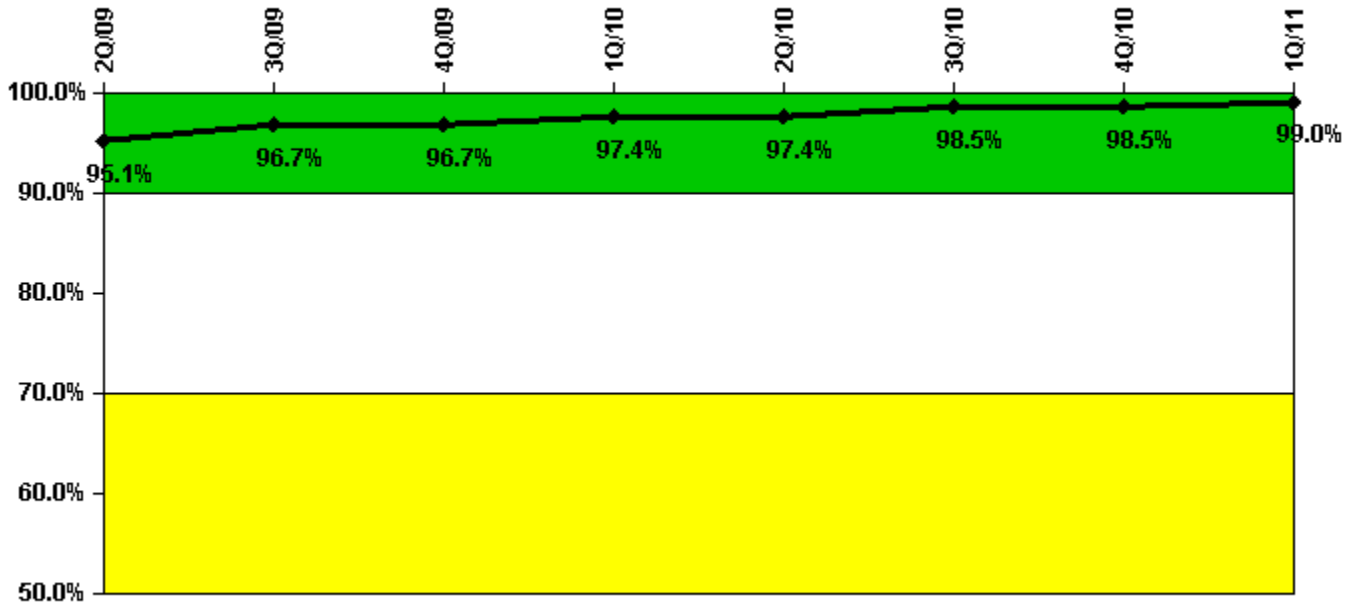
Thresholds: White > 50.0 Yellow > 100.0

### Notes

Reactor Coolant System Leakage	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10
Maximum leakage	0.020	0.040	0.020	0.080	0.050	0.030	0.030	0.050	0.100	0.050	0.060	0
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	0.4	0.2	0.8	0.5	0.3	0.3	0.5	1.0	0.5	0.6	0
Reactor Coolant System Leakage	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11
Maximum leakage	0.050	0.010	0.010	0.010	0.030	0.020	0.020	0.040	0.060	0.020	0.050	0.090
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	0.5	0.1	0.1	0.1	0.3	0.2	0.2	0.4	0.6	0.2	0.5	0.9

Licensee Comments: none

## Drill/Exercise Performance



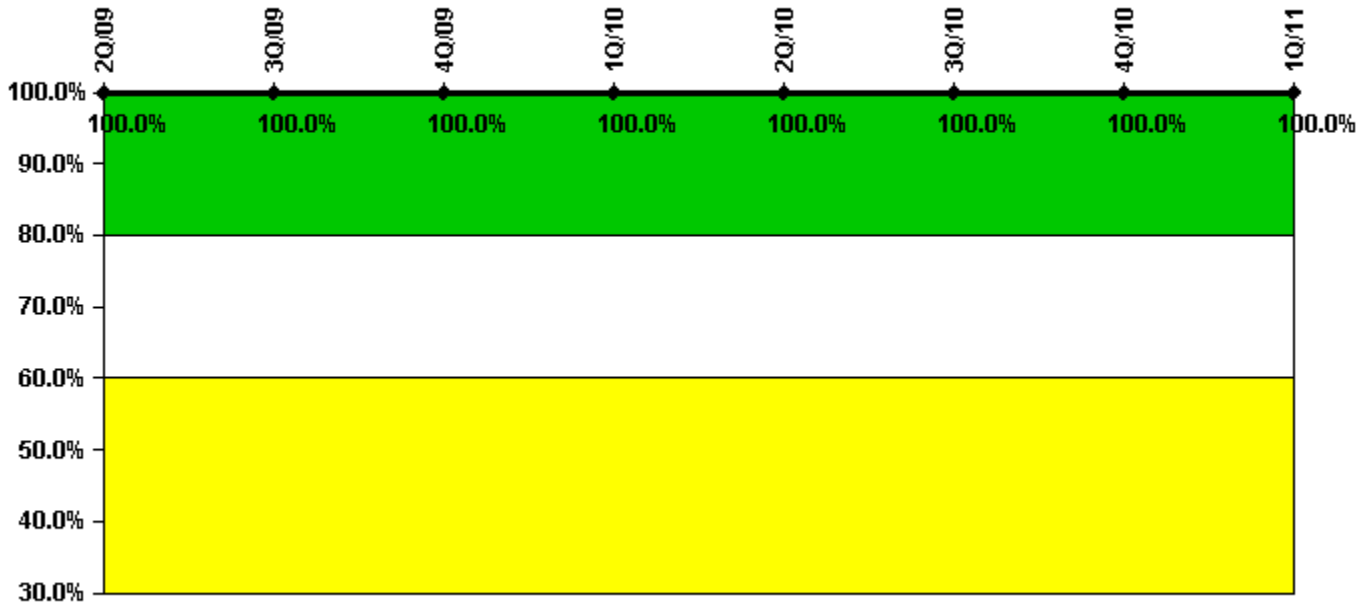
Thresholds: White < 90.0% Yellow < 70.0%

### Notes

Drill/Exercise Performance	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Successful opportunities	50.0	36.0	2.0	31.0	30.0	30.0	11.0	10.0
Total opportunities	51.0	36.0	2.0	31.0	30.0	30.0	12.0	10.0
Indicator value	95.1%	96.7%	96.7%	97.4%	97.4%	98.5%	98.5%	99.0%

Licensee Comments: none

## ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

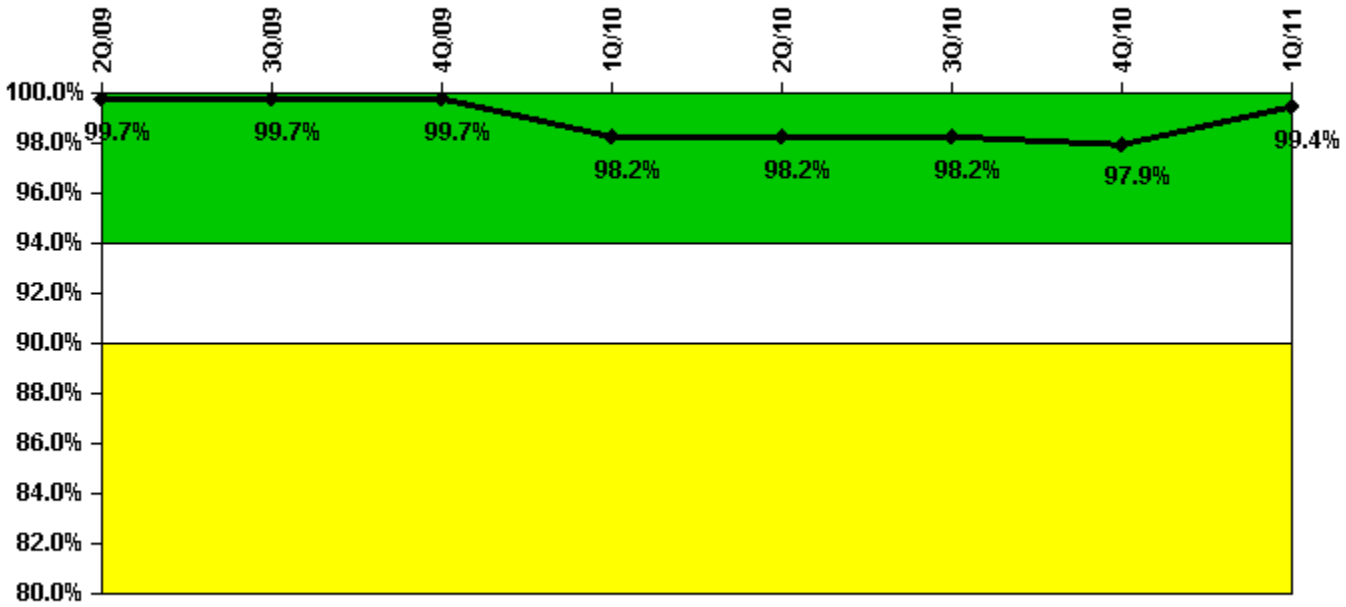
### Notes

ERO Drill Participation	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Participating Key personnel	61.0	64.0	61.0	59.0	61.0	62.0	61.0	58.0
Total Key personnel	61.0	64.0	61.0	59.0	61.0	62.0	61.0	58.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

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# Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

## Notes

Alert & Notification System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Successful siren-tests	84	84	84	78	84	84	83	83
Total sirens-tests	84	84	84	84	84	84	84	84
Indicator value	99.7%	99.7%	99.7%	98.2%	98.2%	98.2%	97.9%	99.4%

Licensee Comments: none

# Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

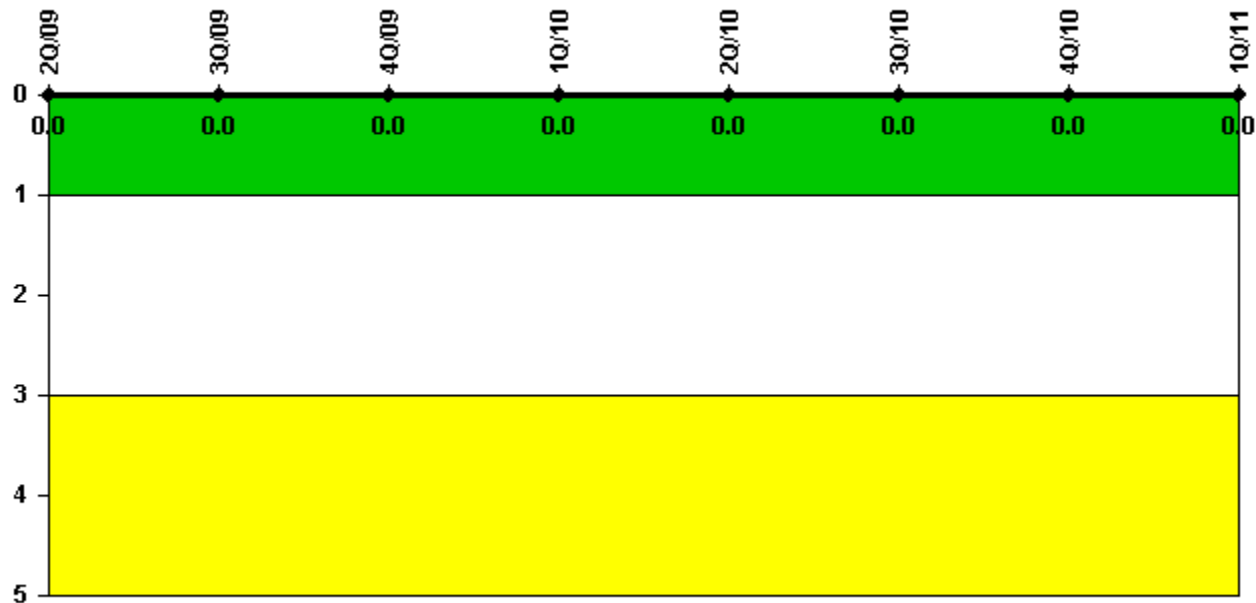
## Notes

Occupational Exposure Control Effectiveness	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
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

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# RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

## Notes

RETS/ODCM Radiological Effluent	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

[Security](#) information not publicly available.