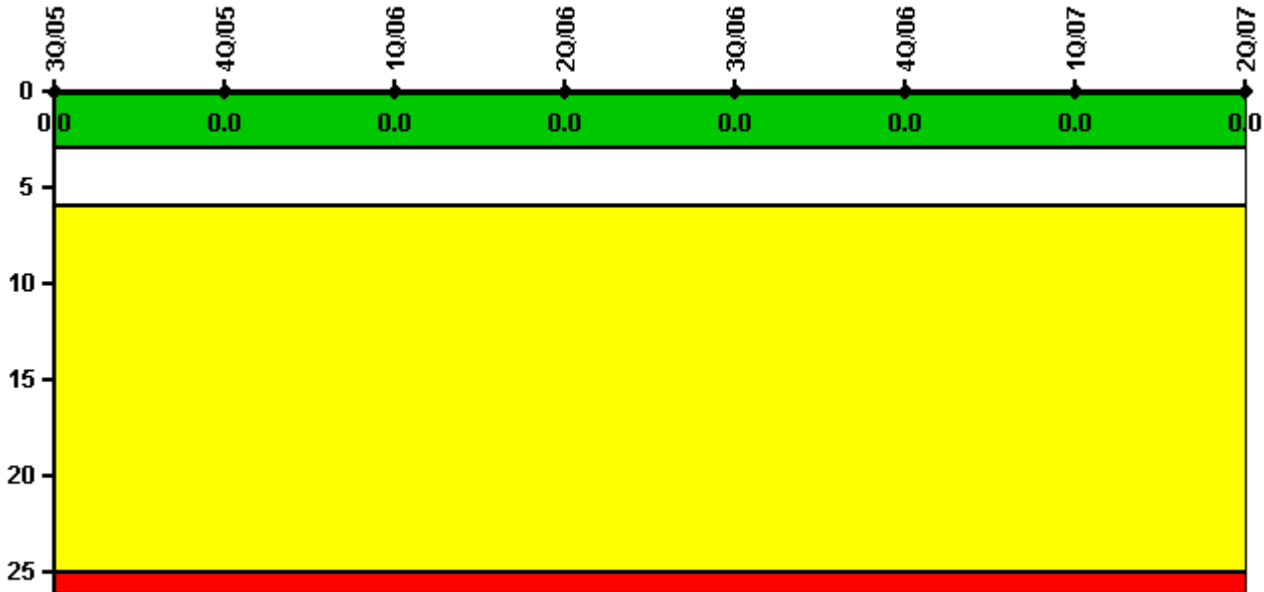


# Peach Bottom 3

## 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

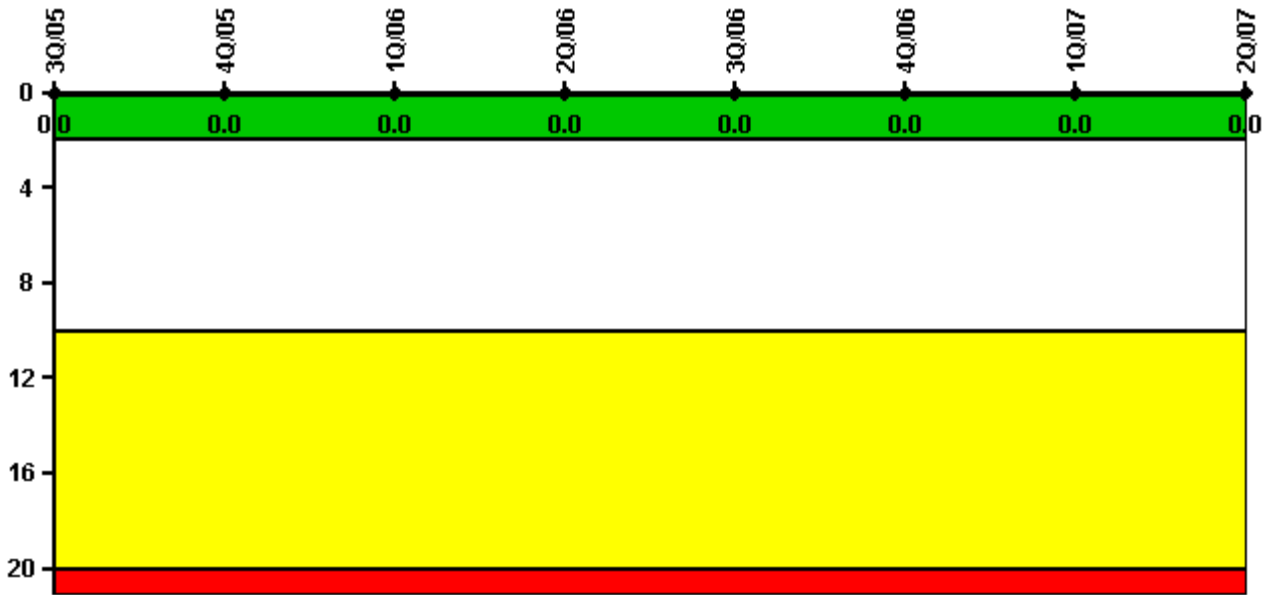
### Notes

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	0	0	0	0
Critical hours	1941.7	1848.4	2160.0	2183.0	2208.0	2209.0	2159.0	2184.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

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## Scrams with Loss of Normal Heat Removal



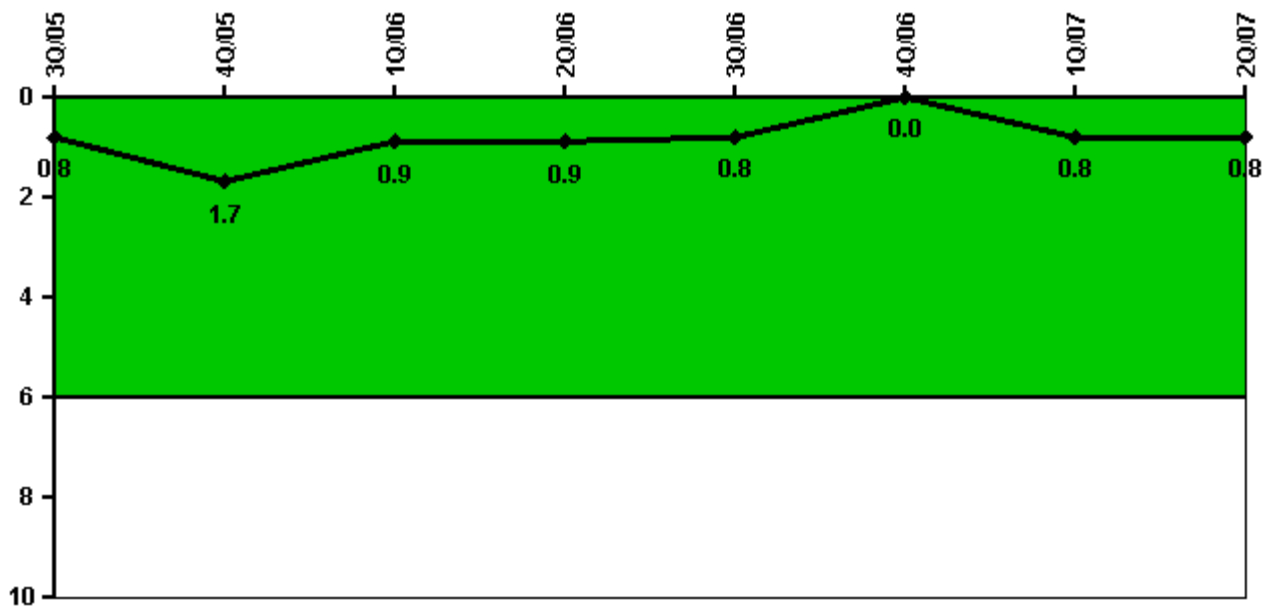
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

### 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



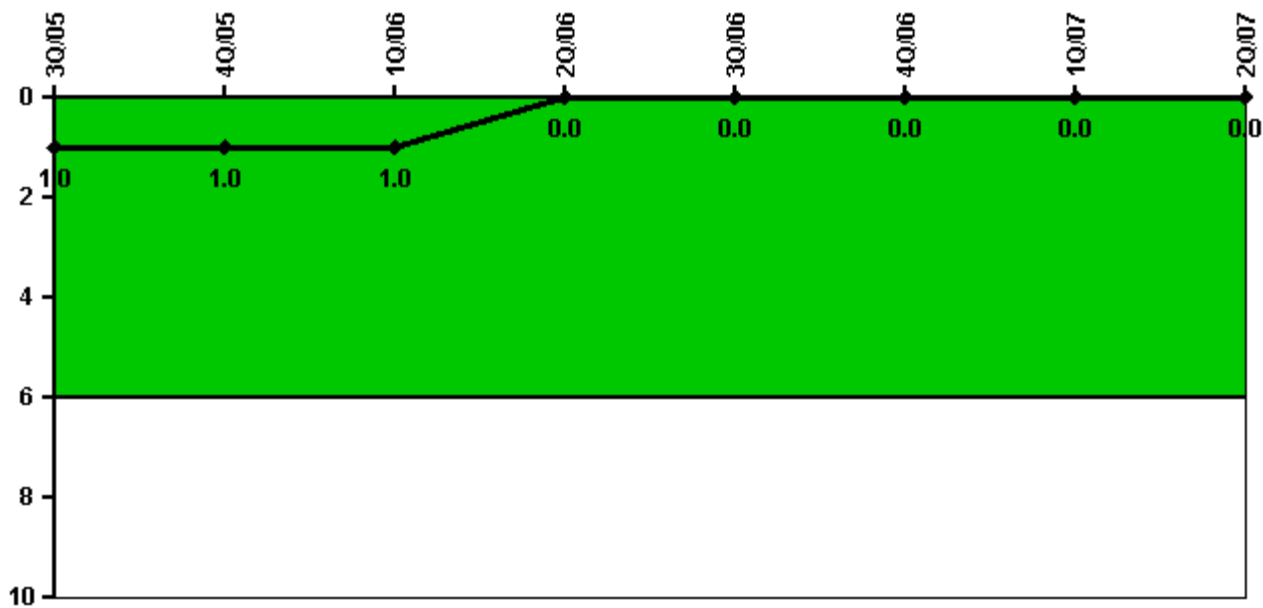
Thresholds: White > 6.0

### 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	1.0	0
Critical hours	1941.7	1848.4	2160.0	2183.0	2208.0	2209.0	2159.0	2184.0
Indicator value	0.8	1.7	0.9	0.9	0.8	0	0.8	0.8

Licensee Comments: none

# Safety System Functional Failures (BWR)



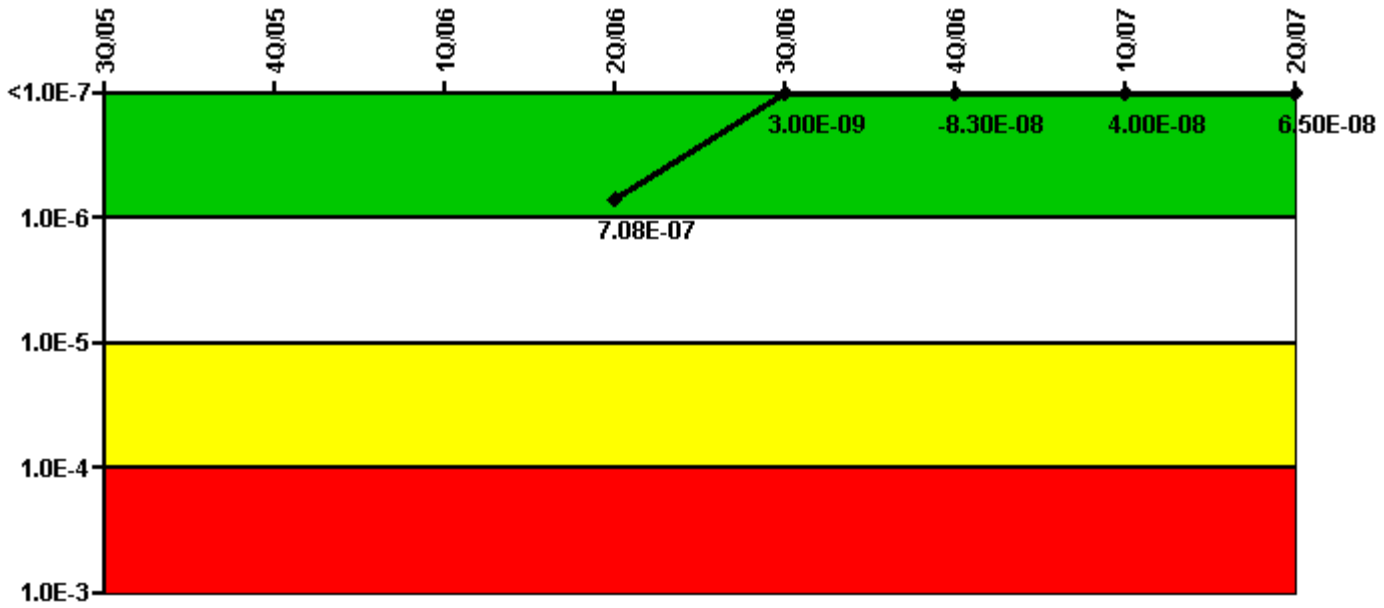
Thresholds: White > 6.0

## Notes

Safety System Functional Failures (BWR)	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	1	1	1	0	0	0	0	0

Licensee Comments: none

# Mitigating Systems Performance Index, Emergency AC Power System



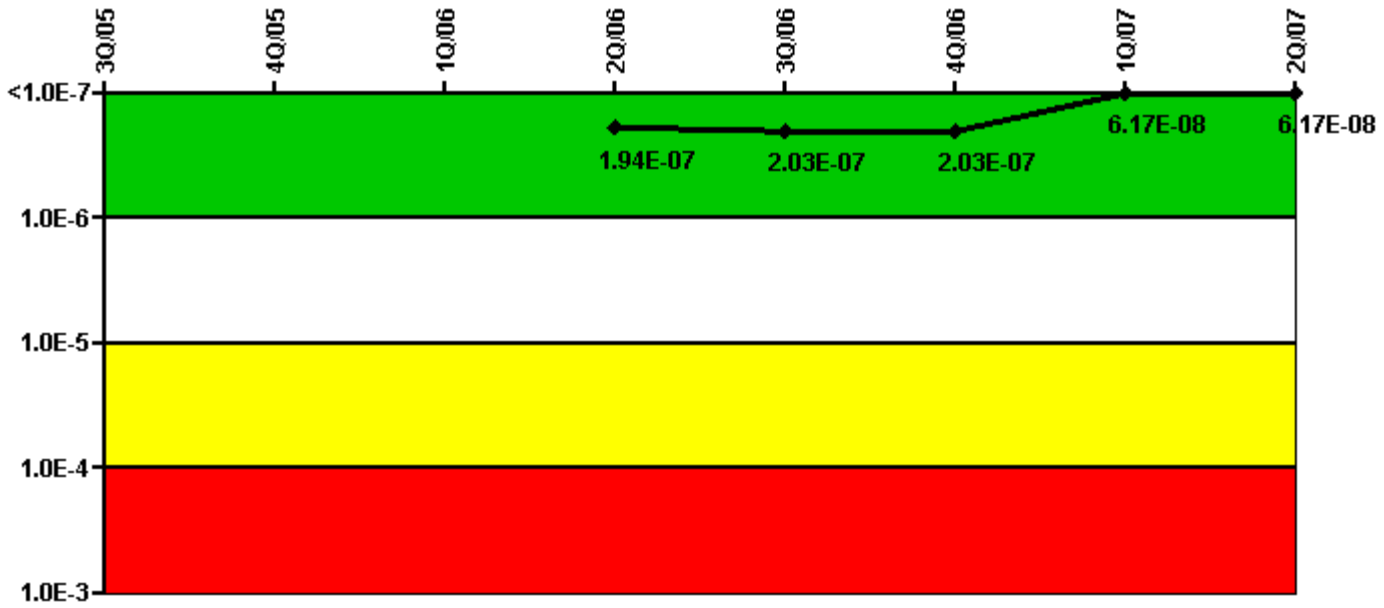
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## 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 (ΔCDF)				5.80E-08	8.40E-08	9.70E-08	2.20E-07	1.60E-07
URI (ΔCDF)				6.50E-07	-8.10E-08	-1.80E-07	-1.80E-07	-9.50E-08
PLE				NO	NO	NO	NO	NO
Indicator value				7.08E-07	3.00E-09	-8.30E-08	4.00E-08	6.50E-08

Licensee Comments: none

# Mitigating Systems Performance Index, High Pressure Injection System



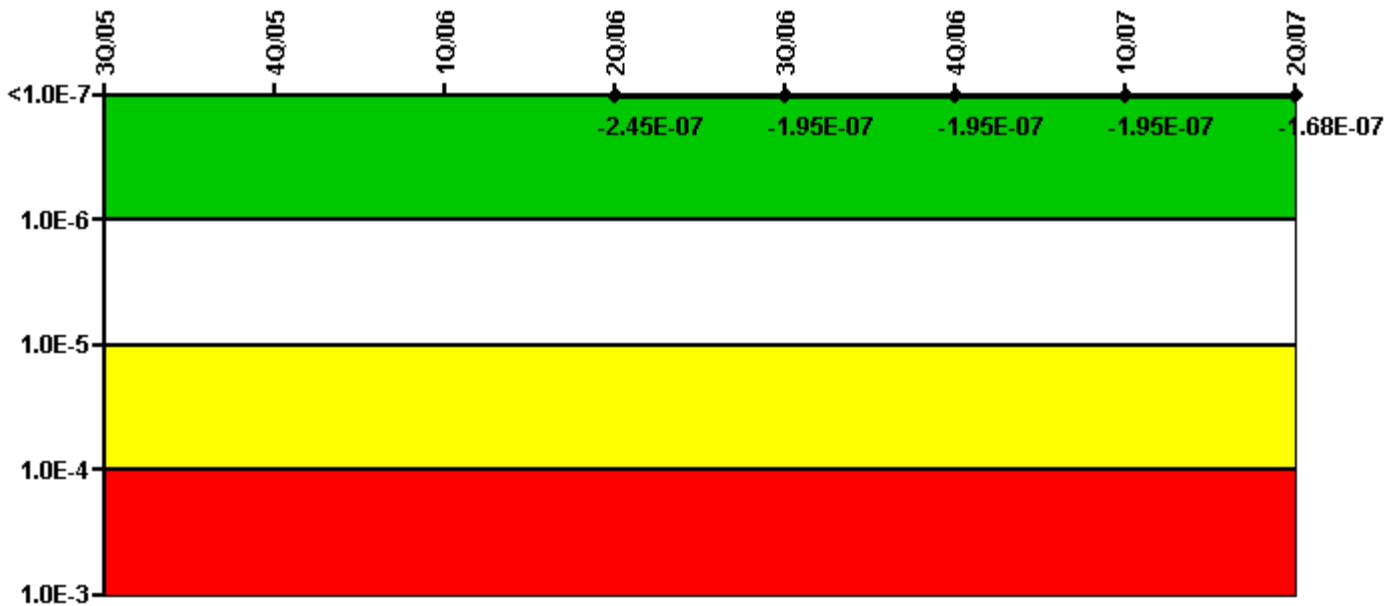
Thresholds: White >  $1.00E-6$  Yellow >  $1.00E-5$  Red >  $1.00E-4$

## Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI ( $\Delta$ CDF)				$1.40E-08$	$1.30E-08$	$1.30E-08$	$7.00E-10$	$7.00E-10$
URI ( $\Delta$ CDF)				$1.80E-07$	$1.90E-07$	$1.90E-07$	$6.10E-08$	$6.10E-08$
PLE				NO	NO	NO	NO	NO
Indicator value				$1.94E-07$	$2.03E-07$	$2.03E-07$	$6.17E-08$	$6.17E-08$

Licensee Comments: none

# Mitigating Systems Performance Index, Heat Removal System



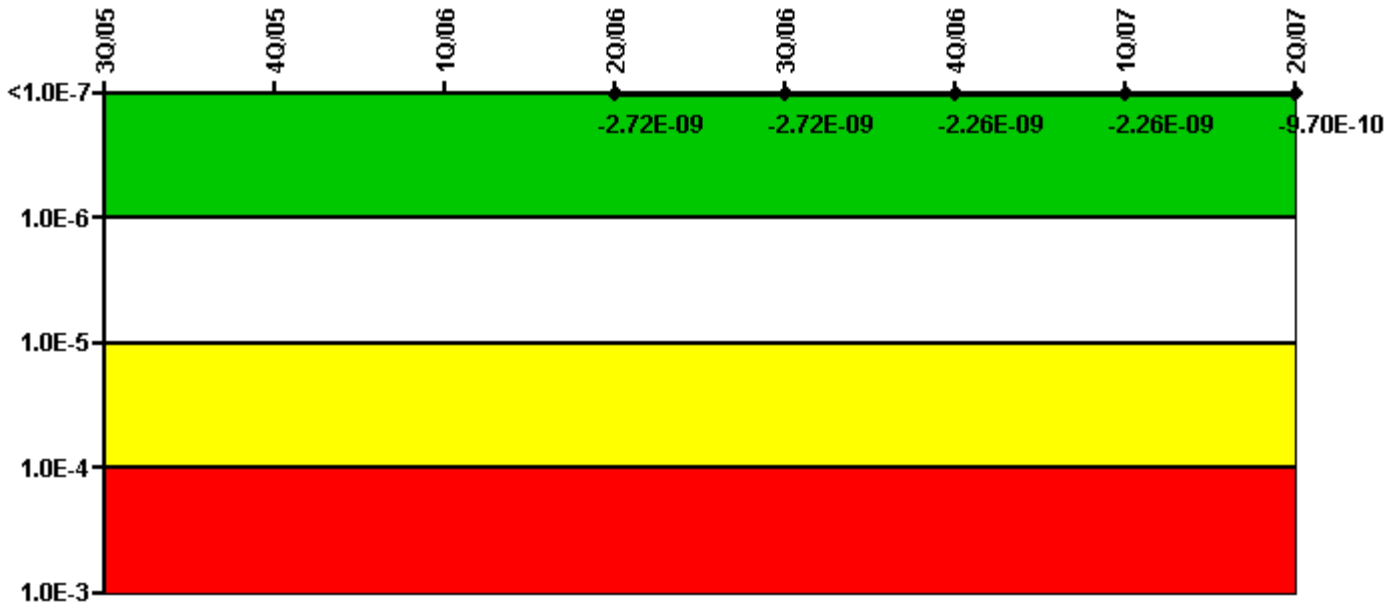
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## 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)				-5.50E-08	-5.50E-08	-5.50E-08	-5.50E-08	-4.80E-08
URI ( $\Delta$ CDF)				-1.90E-07	-1.40E-07	-1.40E-07	-1.40E-07	-1.20E-07
PLE				NO	NO	NO	NO	NO
Indicator value				-2.45E-07	-1.95E-07	-1.95E-07	-1.95E-07	-1.68E-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

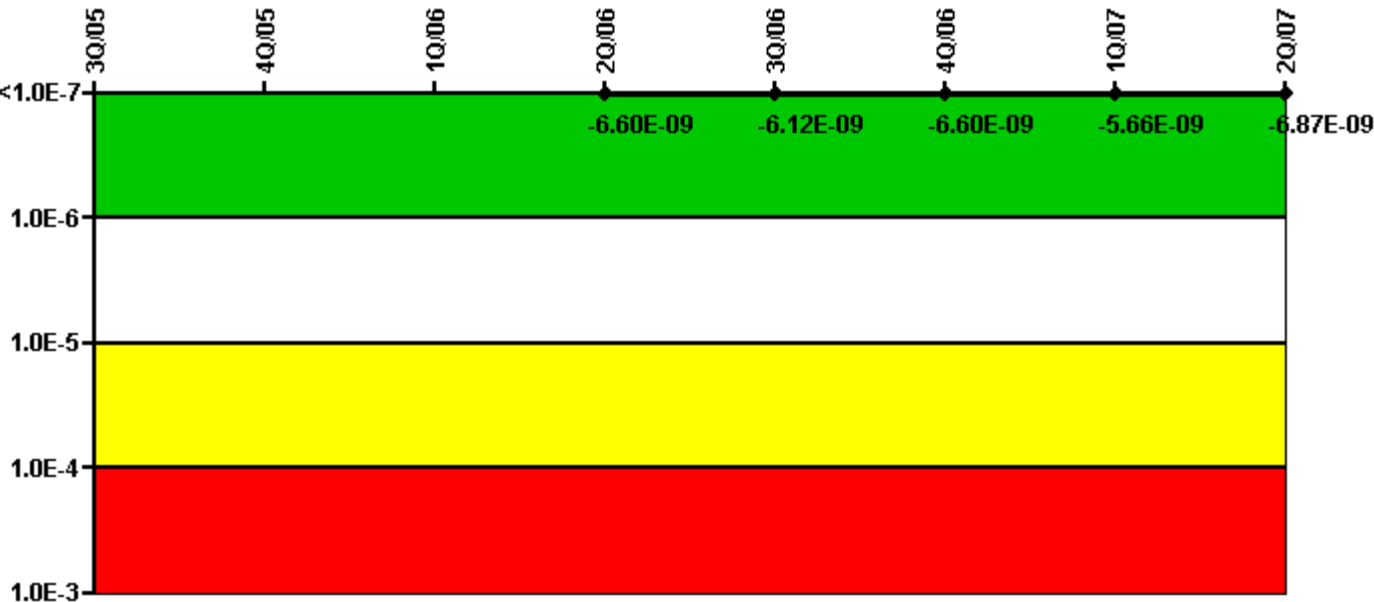
## Notes

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 ( $\Delta$ CDF)				-8.20E-10	-8.20E-10	-3.60E-10	-3.60E-10	-1.00E-10
URI ( $\Delta$ CDF)				-1.90E-09	-1.90E-09	-1.90E-09	-1.90E-09	-8.70E-10
PLE				NO	NO	NO	NO	NO
Indicator value				-2.72E-09	-2.72E-09	-2.26E-09	-2.26E-09	-9.70E-10

Licensee Comments: none



# Mitigating Systems Performance Index, Cooling Water Systems



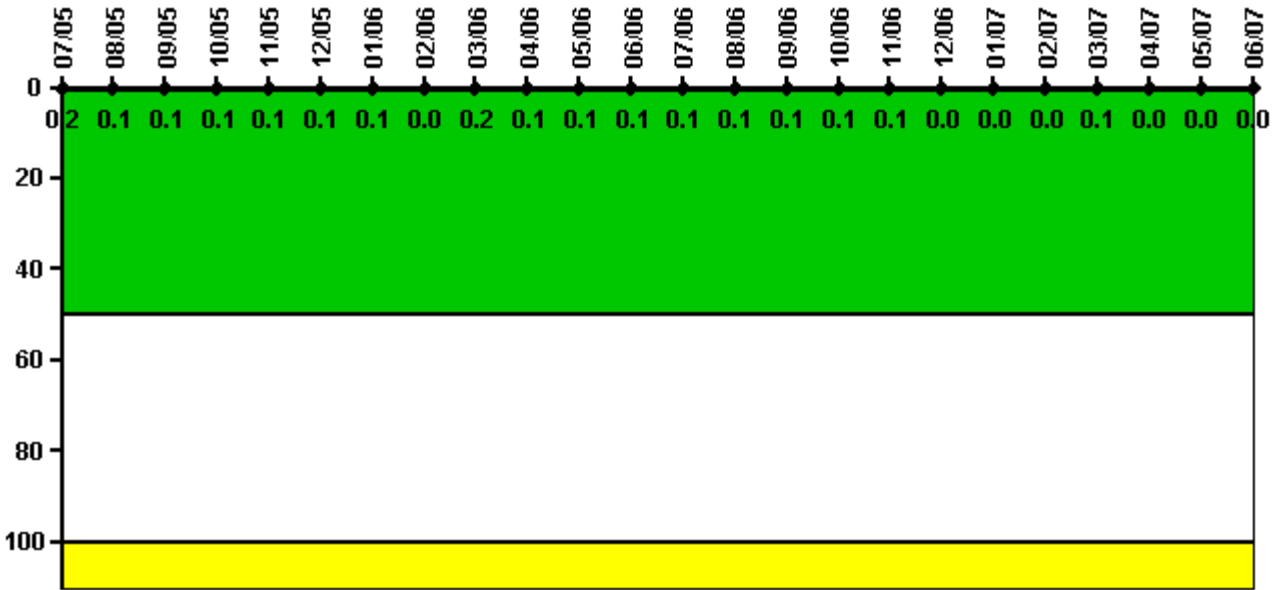
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## 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)				-1.10E-09	-6.20E-10	-1.10E-09	-1.60E-10	-2.70E-10
URI (ΔCDF)				-5.50E-09	-5.50E-09	-5.50E-09	-5.50E-09	-6.60E-09
PLE				NO	NO	NO	NO	NO
Indicator value				-6.60E-09	-6.12E-09	-6.60E-09	-5.66E-09	-6.87E-09

Licensee Comments: none

# Reactor Coolant System Activity



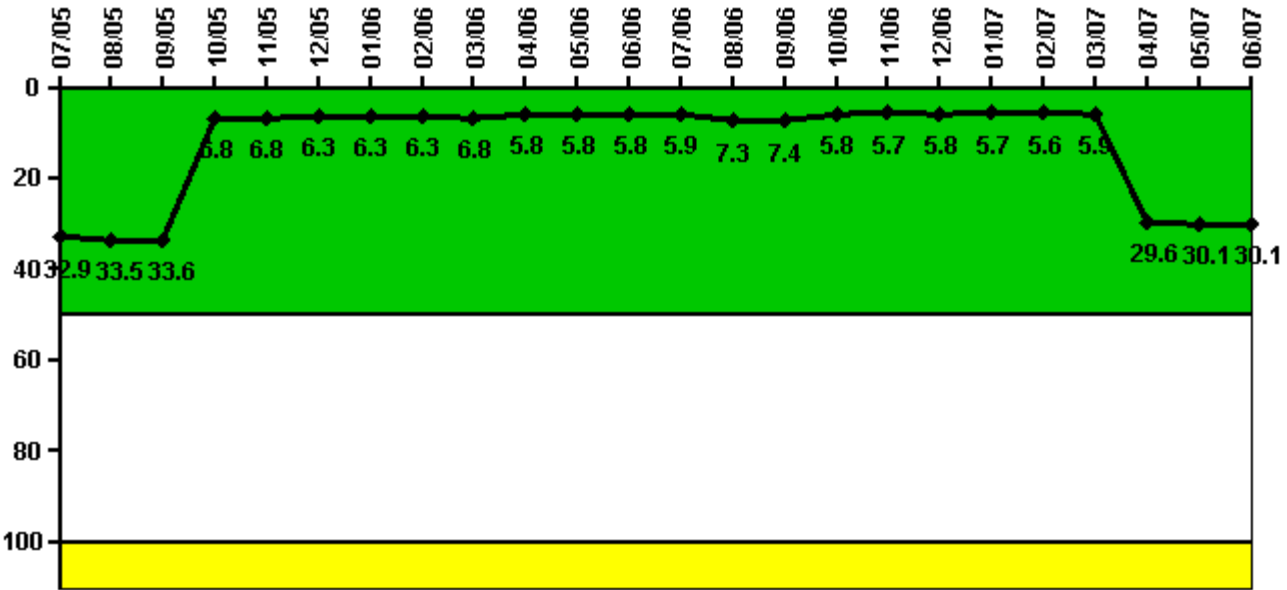
Thresholds: White > 50.0 Yellow > 100.0

## 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	0.000315	0.000273	0.000240	0.000159	0.000143	0.000101	0.000103	0.000085	0.000350	0.000167	0.000121	0.000168
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0	0.2	0.1	0.1	0.1
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	0.000189	0.000134	0.000226	0.000203	0.000108	0.000079	0.000080	0.000092	0.000102	0.000063	0.000076	0.000060
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0.1	0.1	0.1	0.1	0.1	0	0	0	0.1	0	0	0

Licensee Comments: none

# Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

## Notes

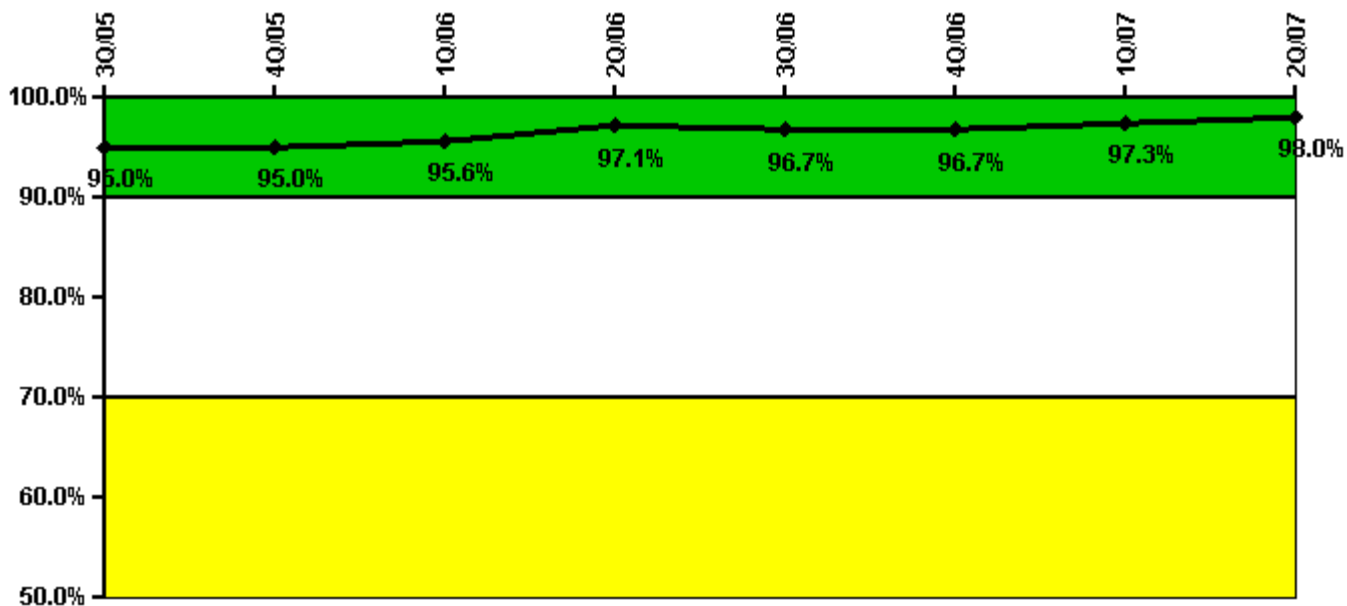
Reactor Coolant System Leakage	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06
Maximum leakage	8.230	8.380	8.390	1.710	1.700	1.580	1.570	1.570	1.700	1.460	1.450	1.460
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	32.9	33.5	33.6	6.8	6.8	6.3	6.3	6.3	6.8	5.8	5.8	5.8

Reactor Coolant System Leakage	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 leakage	1.470	1.830	1.840	1.450	1.420	1.450	1.420	1.410	1.470	7.390	7.520	7.530
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	5.9	7.3	7.4	5.8	5.7	5.8	5.7	5.6	5.9	29.6	30.1	30.1

Licensee Comments: none

## Drill/Exercise Performance



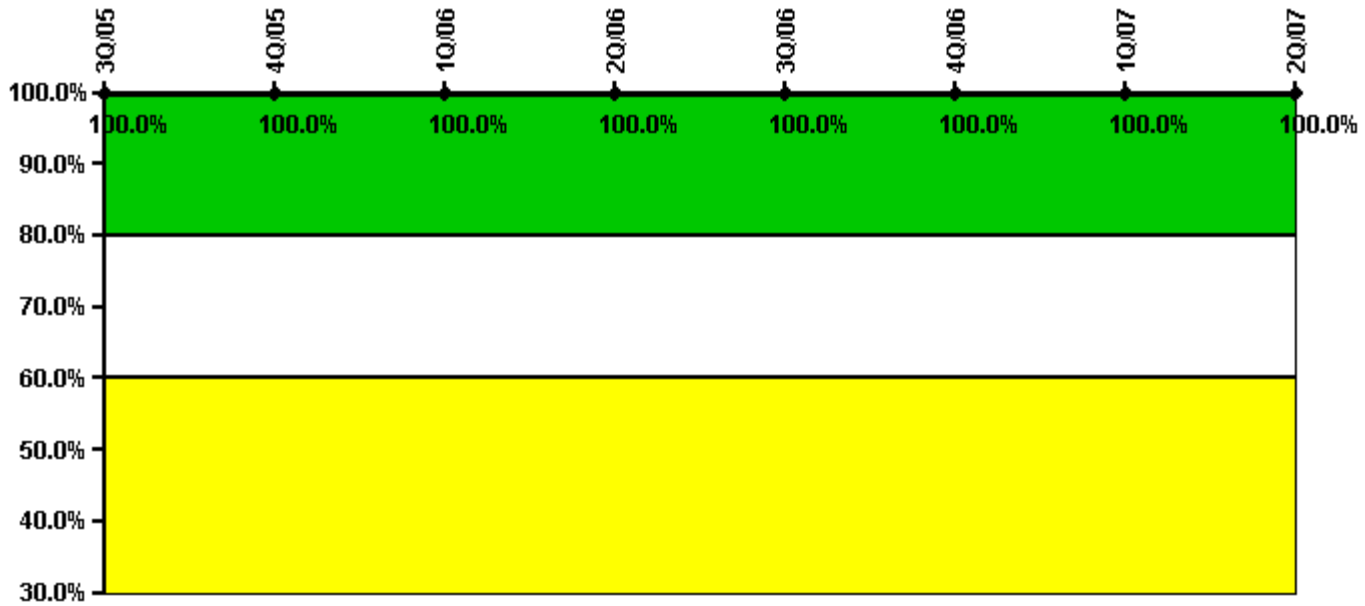
Thresholds: White < 90.0% Yellow < 70.0%

### Notes

Drill/Exercise Performance	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Successful opportunities	20.0	20.0	109.0	58.0	27.0	24.0	145.0	28.0
Total opportunities	20.0	21.0	111.0	58.0	28.0	24.0	148.0	30.0
<b>Indicator value</b>	<b>95.0%</b>	<b>95.0%</b>	<b>95.6%</b>	<b>97.1%</b>	<b>96.7%</b>	<b>96.7%</b>	<b>97.3%</b>	<b>98.0%</b>

Licensee Comments: none

# ERO Drill Participation



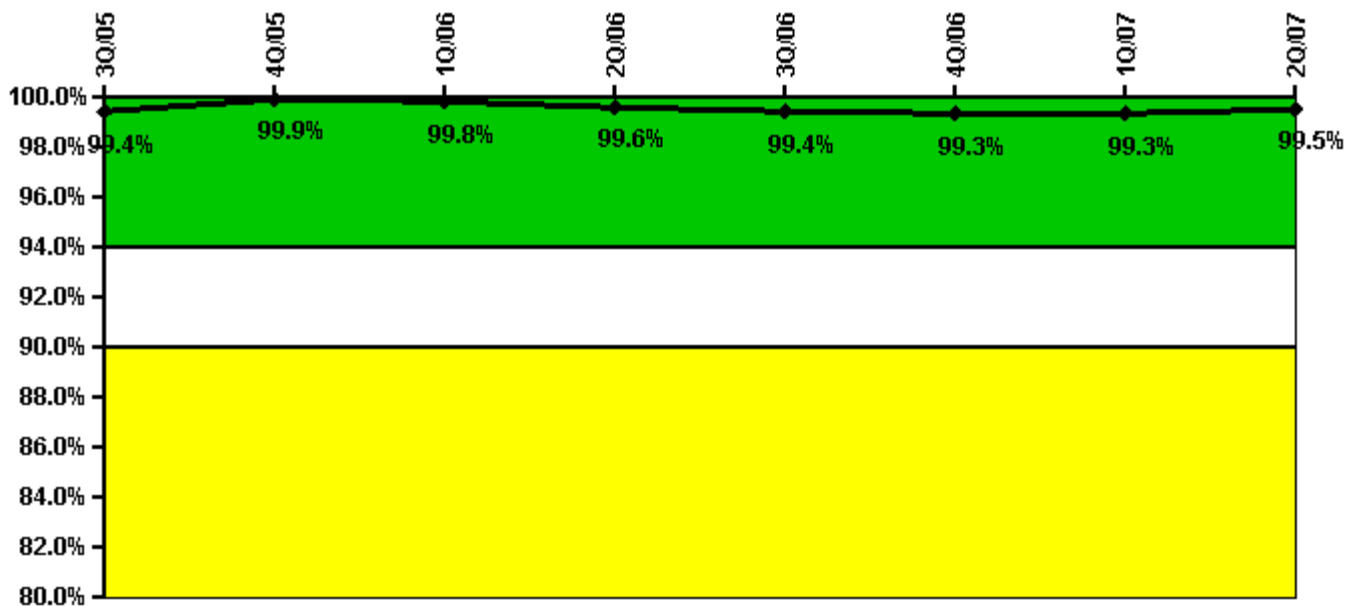
Thresholds: White < 80.0% Yellow < 60.0%

## Notes

ERO Drill Participation	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Participating Key personnel	75.0	76.0	76.0	75.0	81.0	82.0	84.0	79.0
Total Key personnel	75.0	76.0	76.0	75.0	81.0	82.0	84.0	79.0
<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

# Alert & Notification System



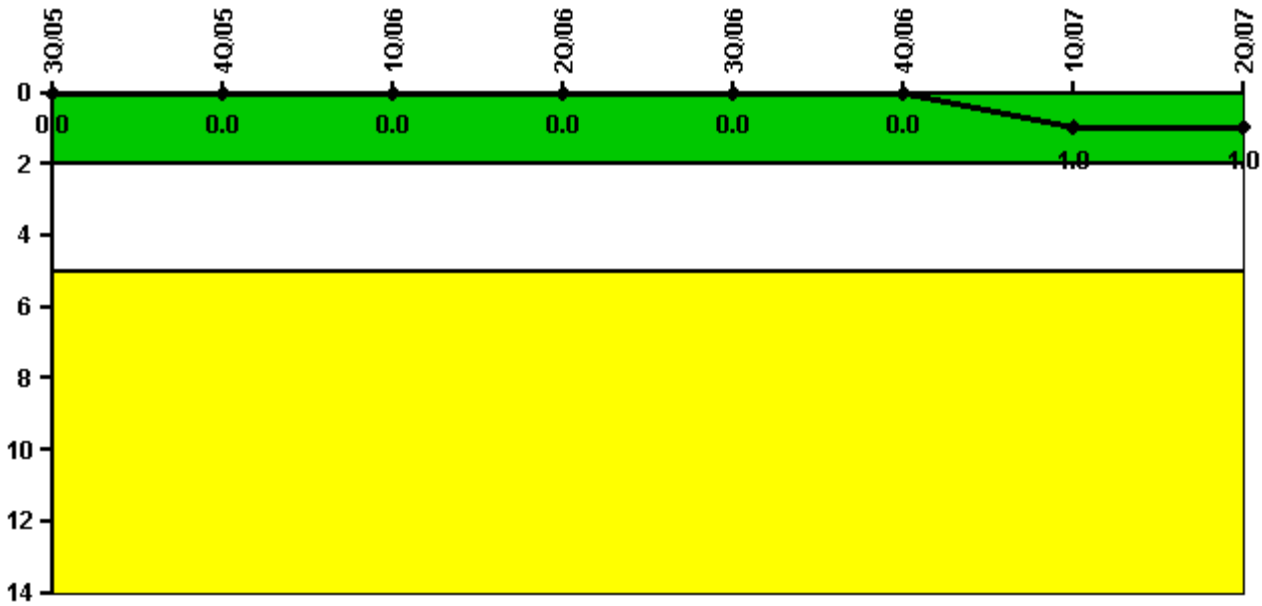
Thresholds: White < 94.0% Yellow < 90.0%

## Notes

Alert & Notification System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Successful siren-tests	1258	1261	1258	1247	1249	1257	1256	1258
Total sirens-tests	1261	1261	1261	1261	1261	1261	1261	1261
Indicator value	99.4%	99.9%	99.8%	99.6%	99.4%	99.3%	99.3%	99.5%

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	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: 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.

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

Last Modified: August 6, 2007