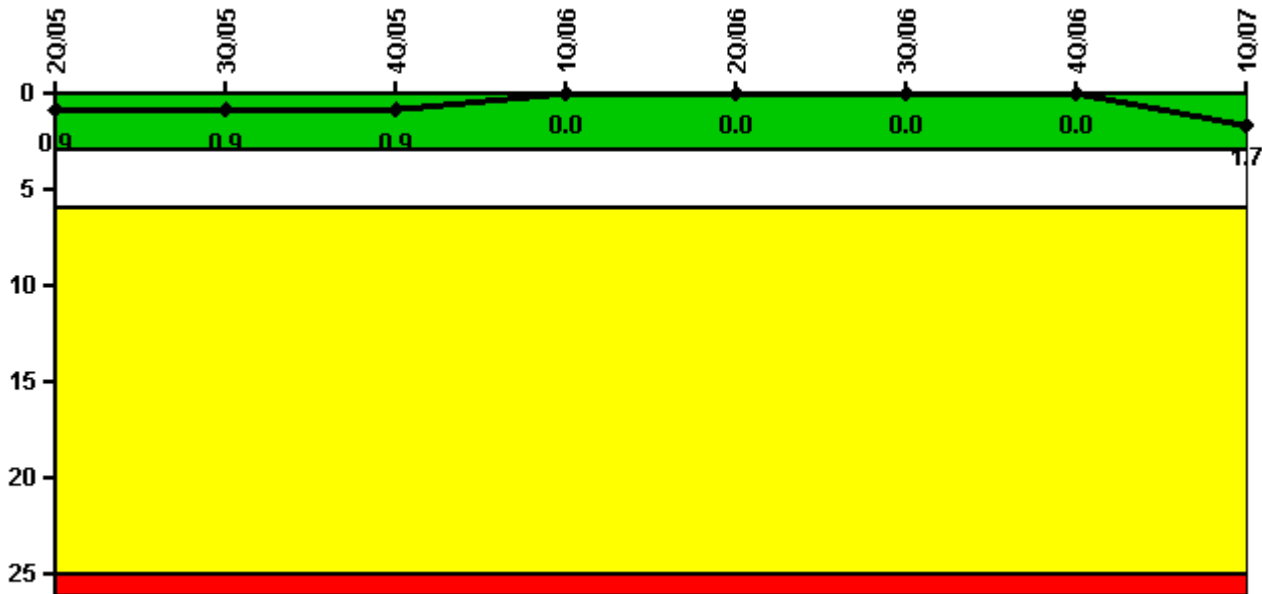


# Ginna

## 1Q/2007 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



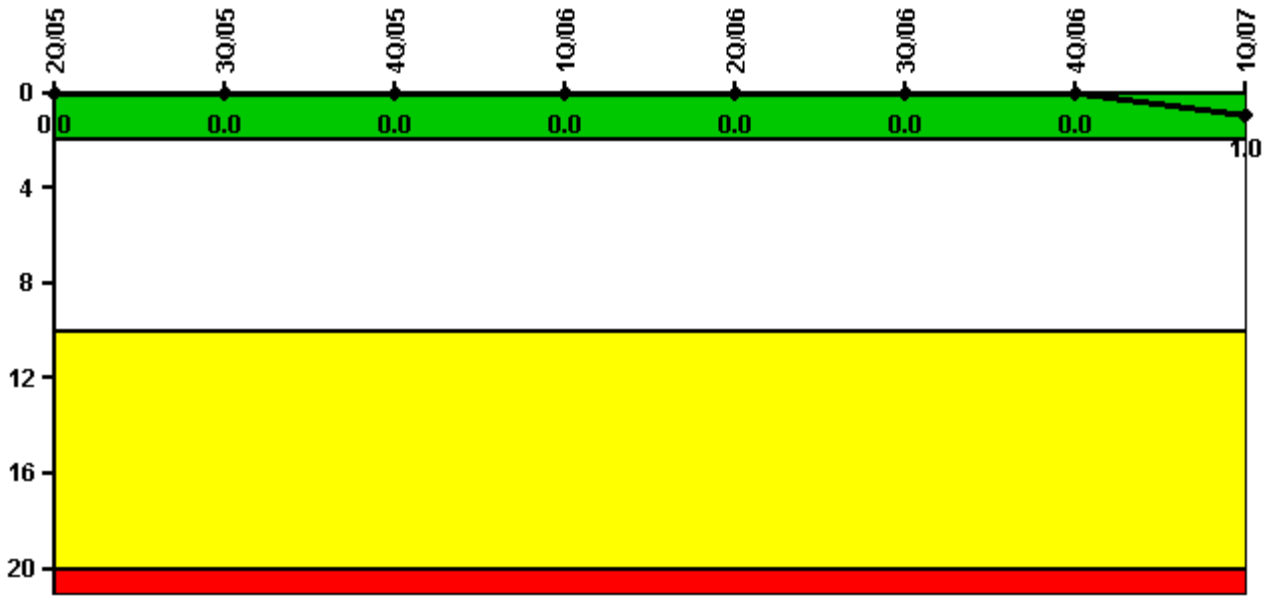
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Unplanned scrams	0	0	0	0	0	0	0	2.0
Critical hours	1953.7	2208.0	2209.0	2160.0	2183.0	2208.0	1644.0	2091.8
Indicator value	0.9	0.9	0.9	0	0	0	0	1.7

Licensee Comments: none

## Scrams with Loss of Normal Heat Removal



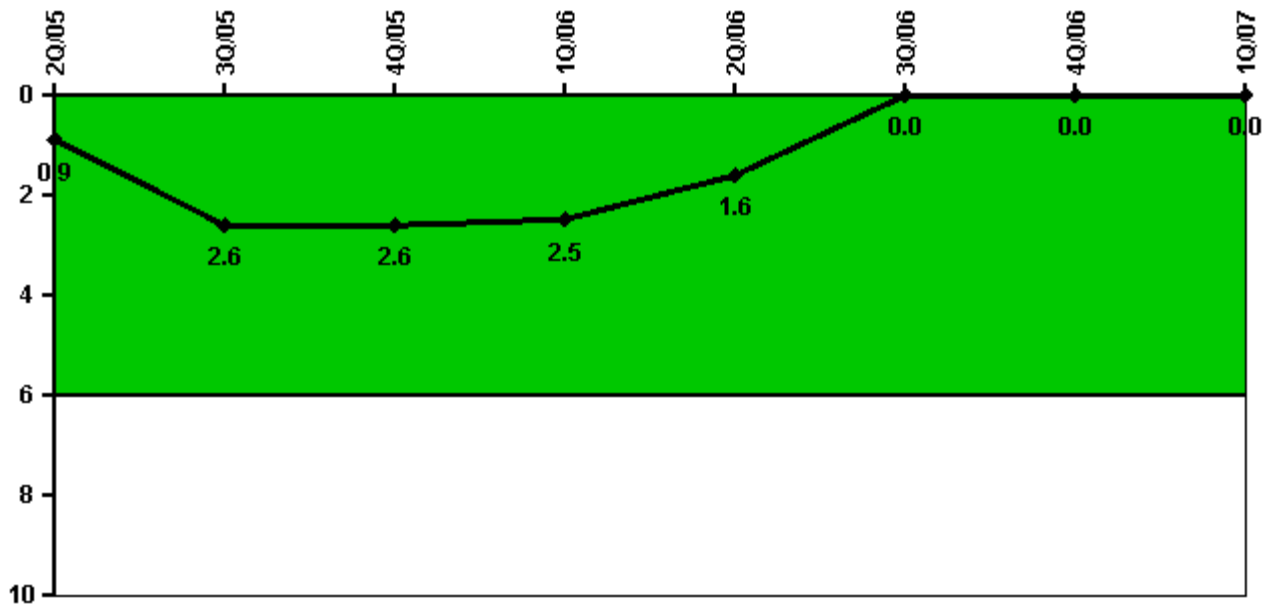
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

### Notes

Scrams with Loss of Normal Heat Removal	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Scrams	0	0	0	0	0	0	0	1.0
Indicator value	0	0	0	0	0	0	0	1.0

Licensee Comments: none

## Unplanned Power Changes per 7000 Critical Hrs



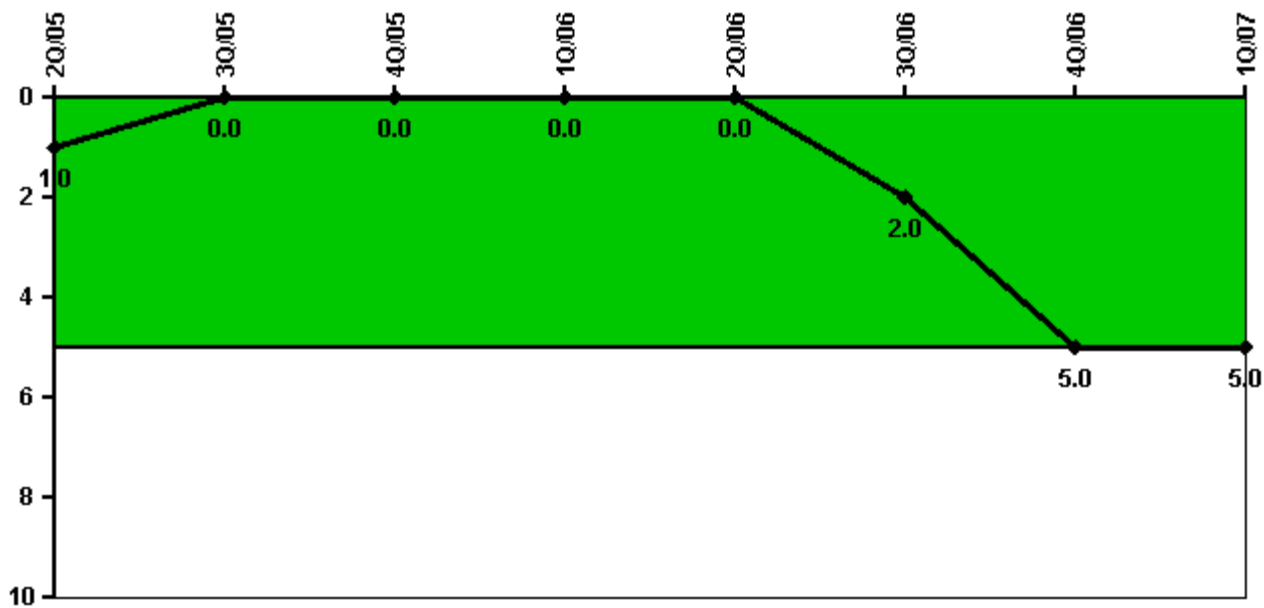
Thresholds: White > 6.0

### Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Unplanned power changes	1.0	2.0	0	0	0	0	0	0
Critical hours	1953.7	2208.0	2209.0	2160.0	2183.0	2208.0	1644.0	2091.8
Indicator value	0.9	2.6	2.6	2.5	1.6	0	0	0

Licensee Comments: none

## Safety System Functional Failures (PWR)



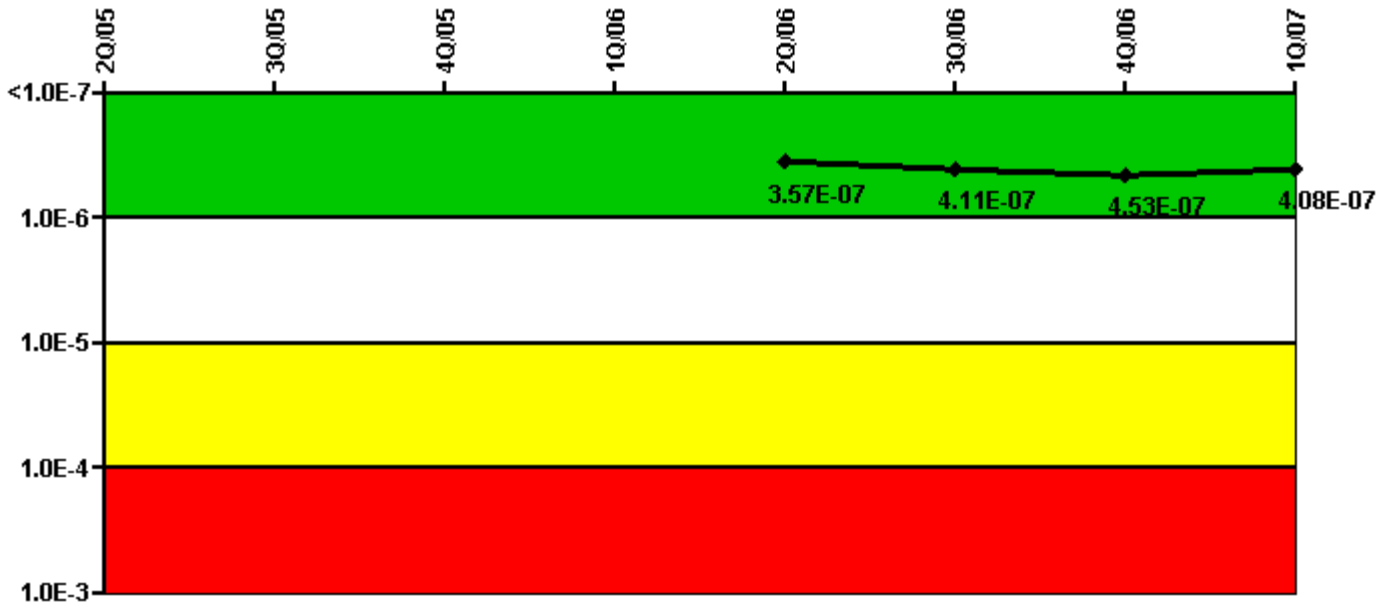
Thresholds: White > 5.0

### Notes

Safety System Functional Failures (PWR)	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Safety System Functional Failures	0	0	0	0	0	2	3	0
Indicator value	1	0	0	0	0	2	5	5

Licensee Comments: none

# Mitigating Systems Performance Index, Emergency AC Power System



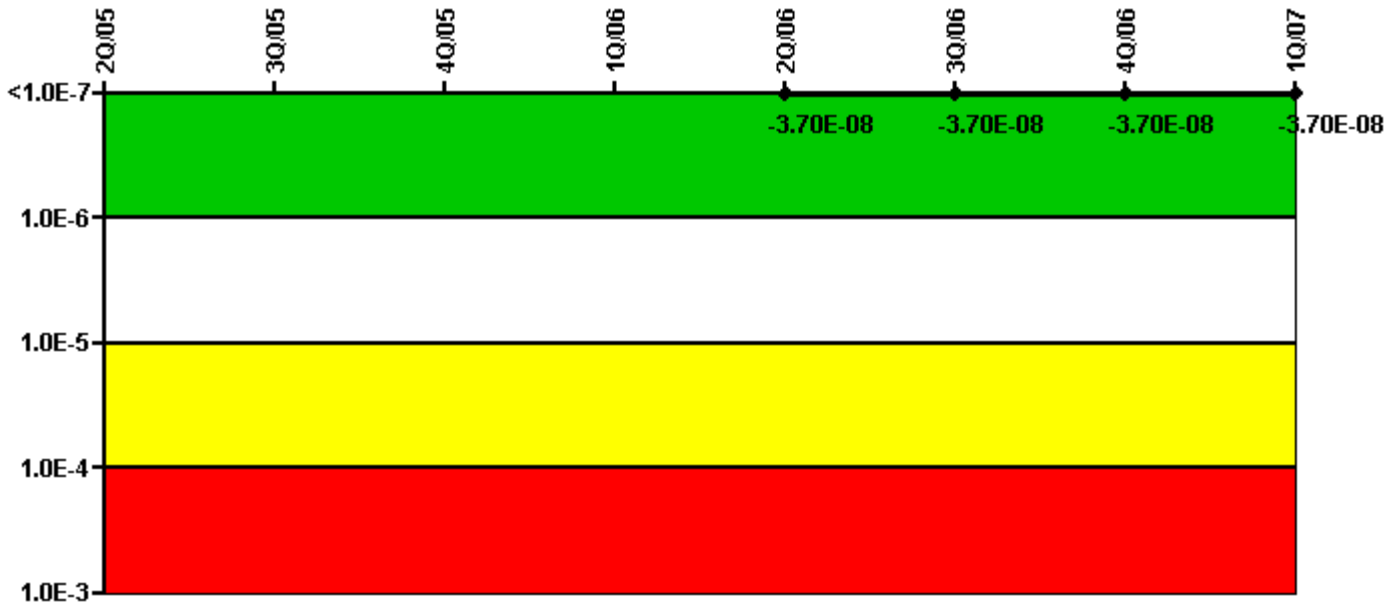
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (ΔCDF)					-2.70E-09	-2.90E-08	-2.70E-08	-4.20E-08
URI (ΔCDF)					3.60E-07	4.40E-07	4.80E-07	4.50E-07
PLE					NO	NO	NO	NO
Indicator value					3.57E-07	4.11E-07	4.53E-07	4.08E-07

Licensee Comments: none

# Mitigating Systems Performance Index, High Pressure Injection System



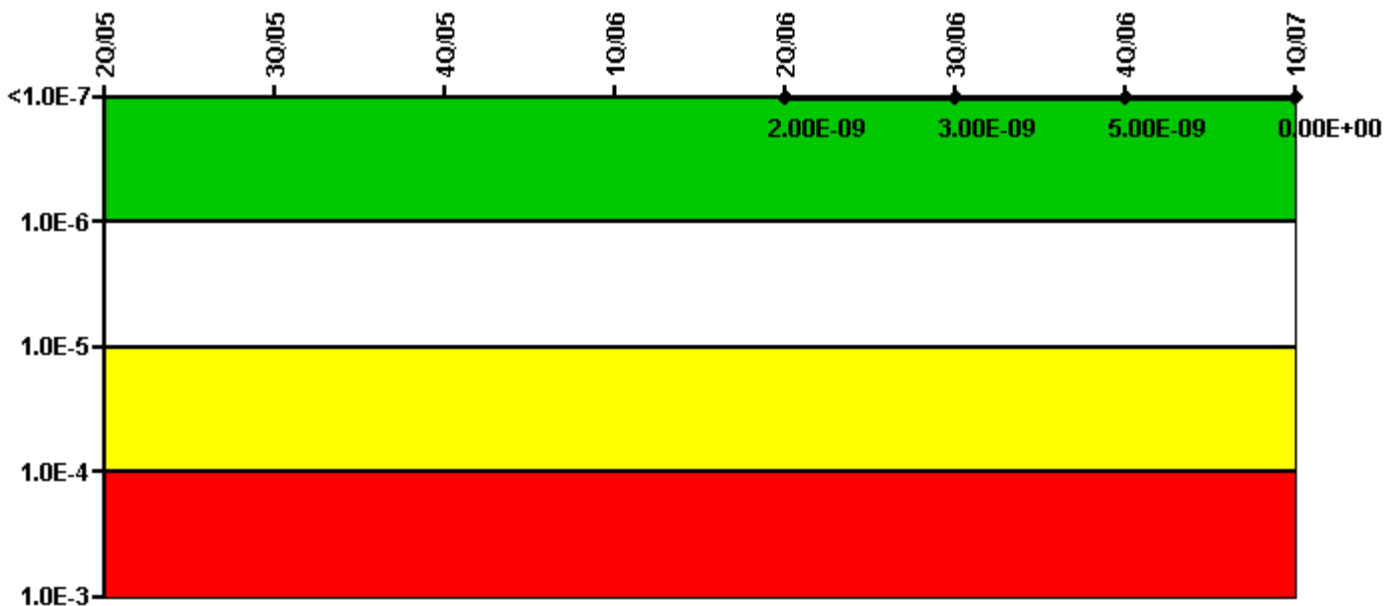
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI ( $\Delta$ CDF)					-1.50E-08	-1.50E-08	-1.50E-08	-1.50E-08
URI ( $\Delta$ CDF)					-2.20E-08	-2.20E-08	-2.20E-08	-2.20E-08
PLE					NO	NO	NO	NO
Indicator value					-3.70E-08	-3.70E-08	-3.70E-08	-3.70E-08

Licensee Comments: none

# Mitigating Systems Performance Index, Heat Removal System



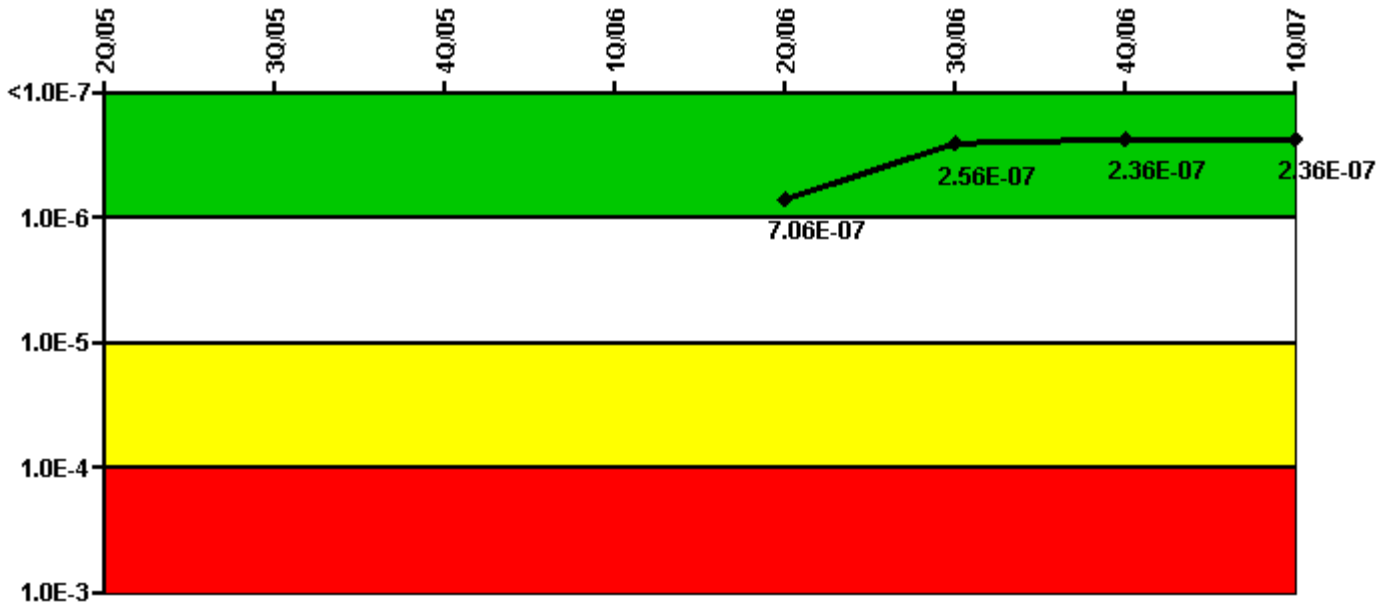
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI ( $\Delta$ CDF)					2.20E-08	2.10E-08	2.30E-08	2.30E-08
URI ( $\Delta$ CDF)					-2.00E-08	-1.80E-08	-1.80E-08	-2.30E-08
PLE					NO	NO	NO	NO
Indicator value					2.00E-09	3.00E-09	5.00E-09	0.00E+00

Licensee Comments: none

# Mitigating Systems Performance Index, Residual Heat Removal System



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

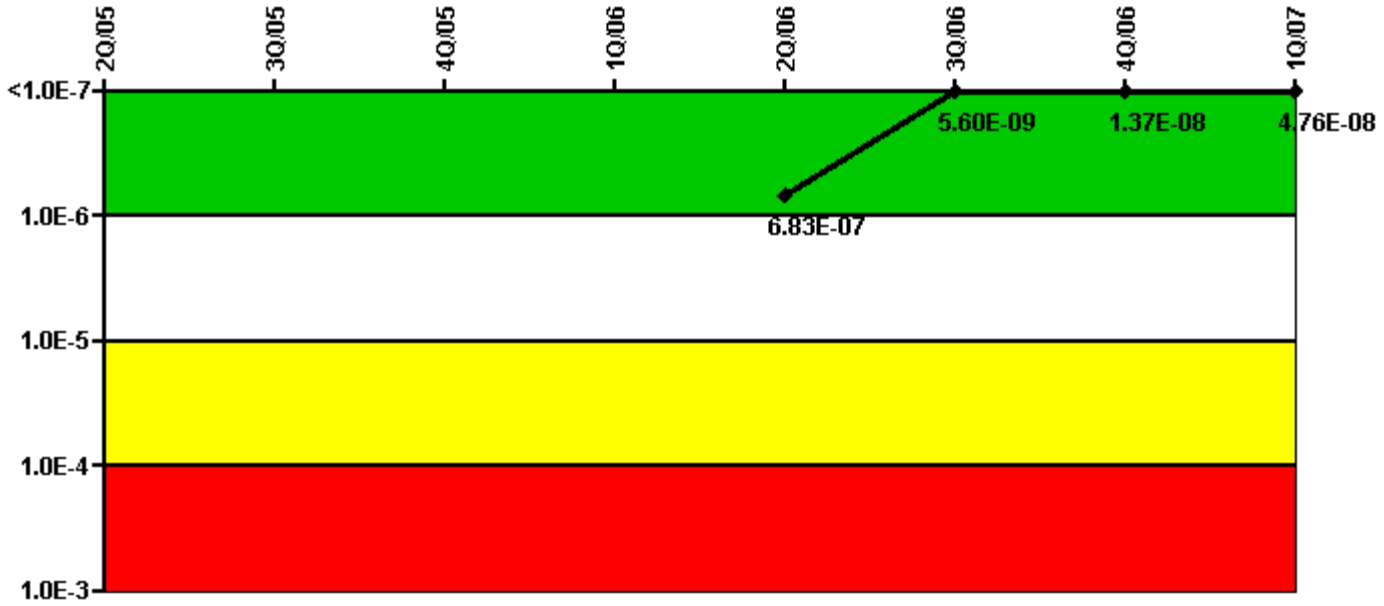
## Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (ΔCDF)					1.60E-08	3.60E-08	2.60E-08	3.60E-08
URI (ΔCDF)					6.90E-07	2.20E-07	2.10E-07	2.00E-07
PLE					NO	NO	NO	NO
Indicator value					7.06E-07	2.56E-07	2.36E-07	2.36E-07

Licensee Comments: none



# Mitigating Systems Performance Index, Cooling Water Systems



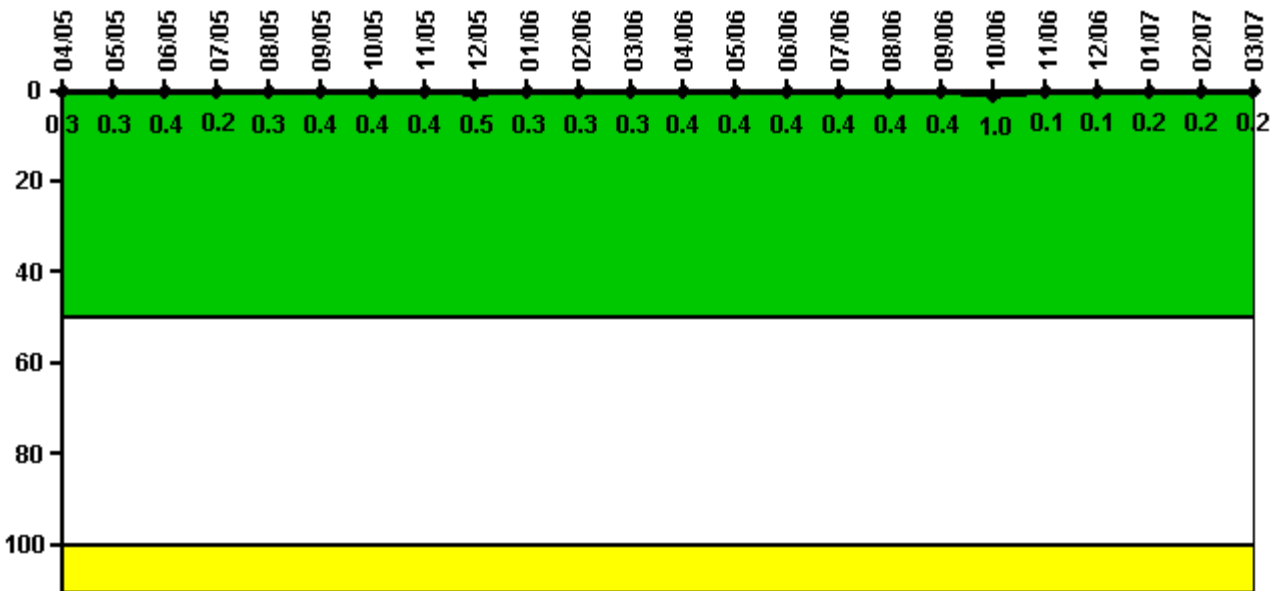
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI ( $\Delta$ CDF)					6.90E-07	1.20E-08	2.00E-08	5.40E-08
URI ( $\Delta$ CDF)					-6.80E-09	-6.40E-09	-6.30E-09	-6.40E-09
PLE					NO	NO	NO	NO
Indicator value					6.83E-07	5.60E-09	1.37E-08	4.76E-08

Licensee Comments: none

# Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

## Notes

Reactor Coolant System Activity	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06
Maximum activity	0.001750	0.001830	0.002280	0.001050	0.001920	0.002510	0.002480	0.002700	0.003030	0.003270	0.002740	0.003380
Technical specification limit	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	1.0	1.0	1.0
Indicator value	0.3	0.3	0.4	0.2	0.3	0.4	0.4	0.4	0.5	0.3	0.3	0.3

Reactor Coolant System Activity	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07
Maximum activity	0.004030	0.003850	0.004200	0.004000	0.004050	0.003680	0.009500	0.000945	0.001460	0.001540	0.001600	0.002240
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	0.4	0.4	0.4	0.4	0.4	0.4	1.0	0.1	0.1	0.2	0.2	0.2

Licensee Comments: none

# Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

## Notes

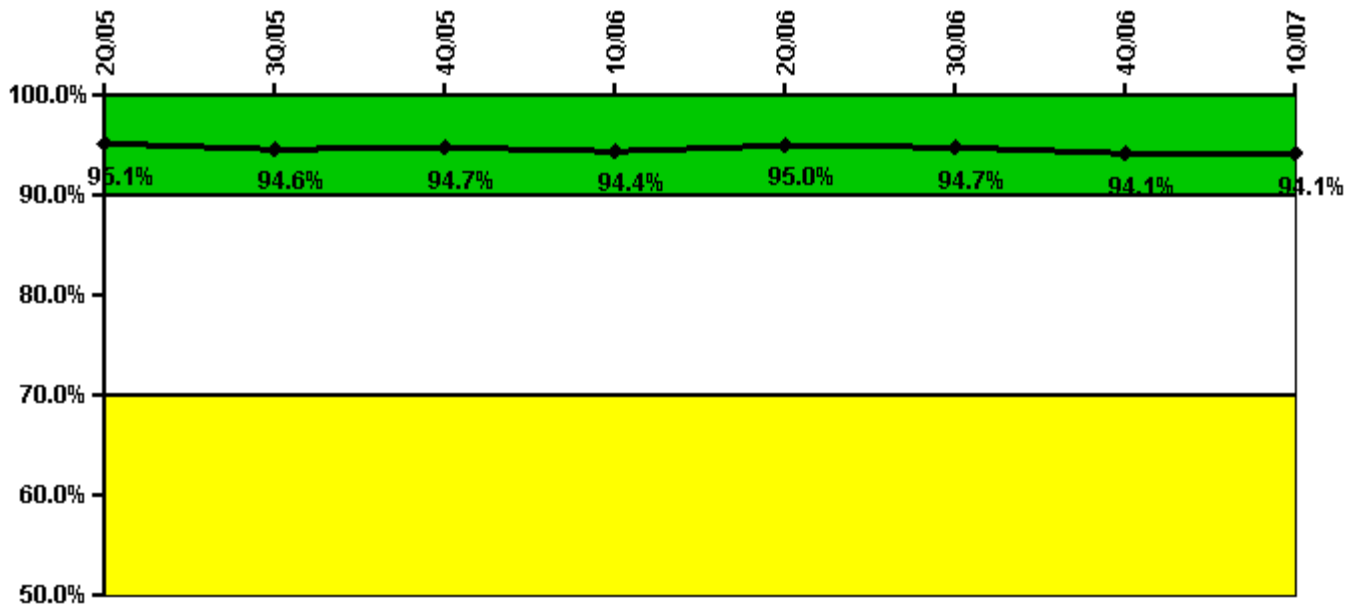
Reactor Coolant System Leakage	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06
Maximum leakage	0.114	0.140	0.031	0.031	0.036	0.030	0.079	0.107	0.029	0.096	0.104	0.007
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.1	1.4	0.3	0.3	0.4	0.3	0.8	1.1	0.3	1.0	1.0	0.1

Reactor Coolant System Leakage	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07
Maximum leakage	0.007	0.016	0.020	0.056	0.065	0.756	0.589	0.255	0.072	0.072	0.039	0.055
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	0.1	0.2	0.2	0.6	0.7	7.6	5.9	2.6	0.7	0.7	0.4	0.6

Licensee Comments: none

## Drill/Exercise Performance



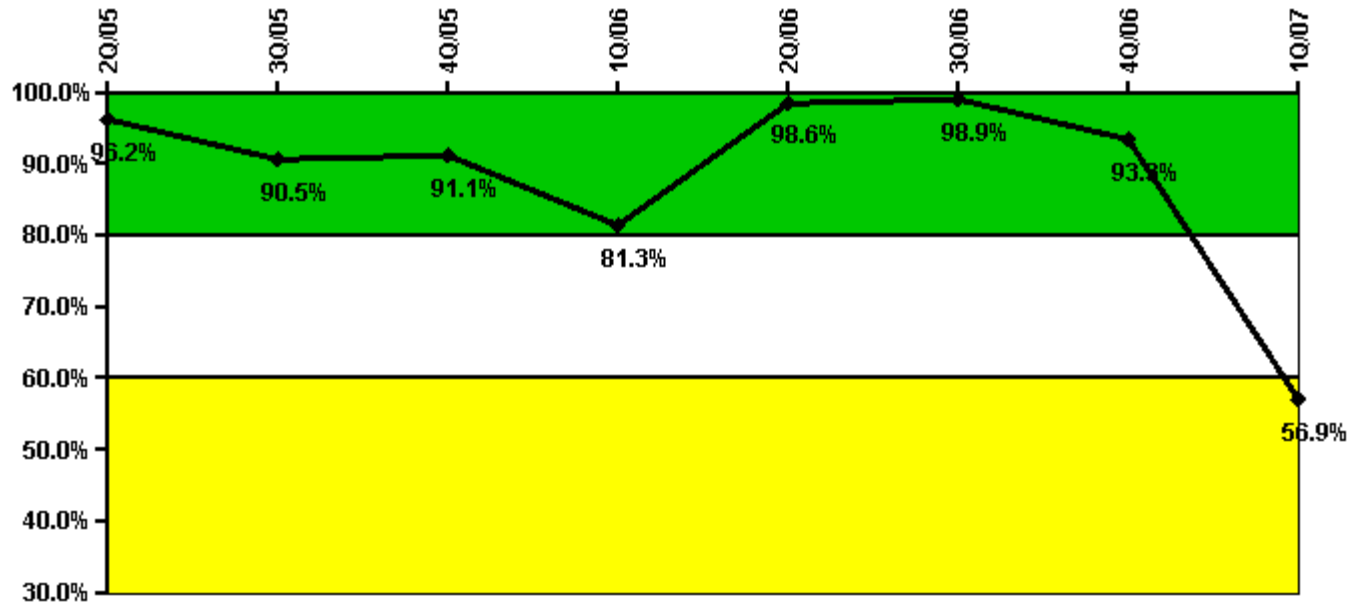
Thresholds: White < 90.0% Yellow < 70.0%

### Notes

Drill/Exercise Performance	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Successful opportunities	35.0	49.0	19.0	32.0	42.0	27.0	17.0	67.0
Total opportunities	38.0	53.0	20.0	34.0	44.0	27.0	18.0	72.0
<b>Indicator value</b>	<b>95.1%</b>	<b>94.6%</b>	<b>94.7%</b>	<b>94.4%</b>	<b>95.0%</b>	<b>94.7%</b>	<b>94.1%</b>	<b>94.1%</b>

Licensee Comments: none

## ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

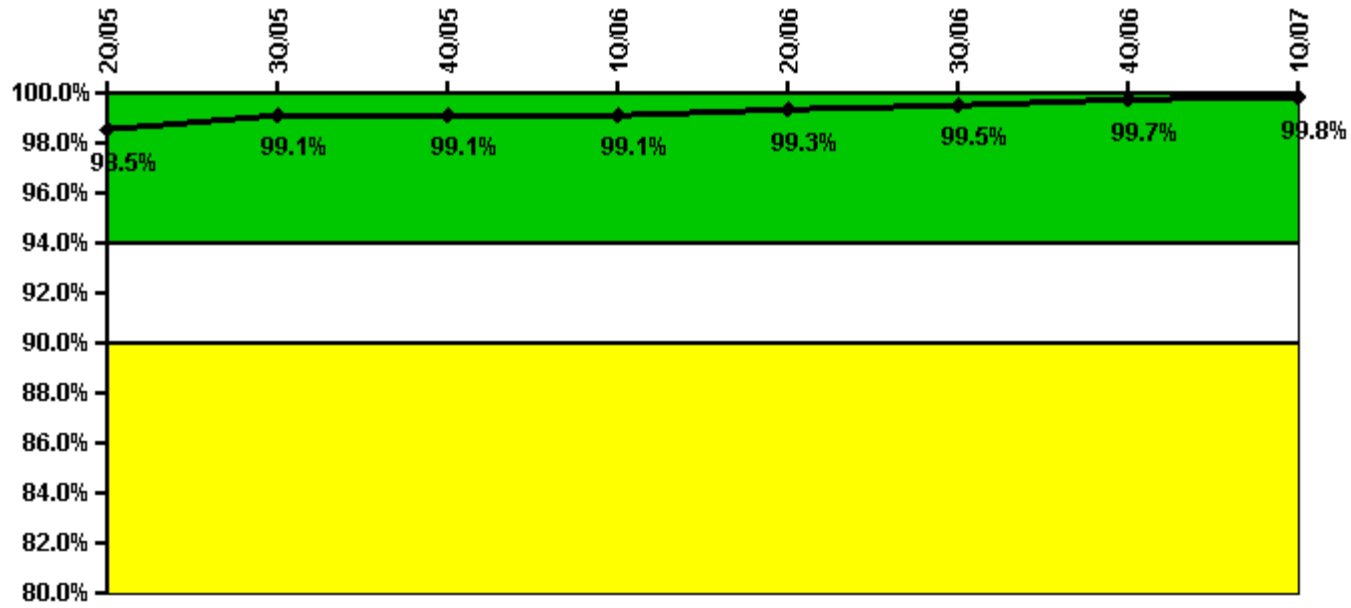
### Notes

ERO Drill Participation	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Participating Key personnel	75.0	76.0	72.0	65.0	72.0	87.0	84.0	82.0
Total Key personnel	78.0	84.0	79.0	80.0	73.0	88.0	90.0	144.0
Indicator value	96.2%	90.5%	91.1%	81.3%	98.6%	98.9%	93.3%	56.9%

### Licensee Comments:

1Q/07: The PI threshold has been exceeded. Approximately 60 emergency communicators were assigned to the ERO in the 1st Qtr 2007 to support on-shift personnel. Due to a mis-interpretation in the guidance used to calculate this performance indicator, these people but did not have a follow-up post qualification drill within the quarter they were qualified. A FAQ has been submitted to NEI to request an exemption from the strict application of the guidance in this instance or to grant a reasonable period of time for follow-up drills beyond initial qualification.

# Alert & Notification System



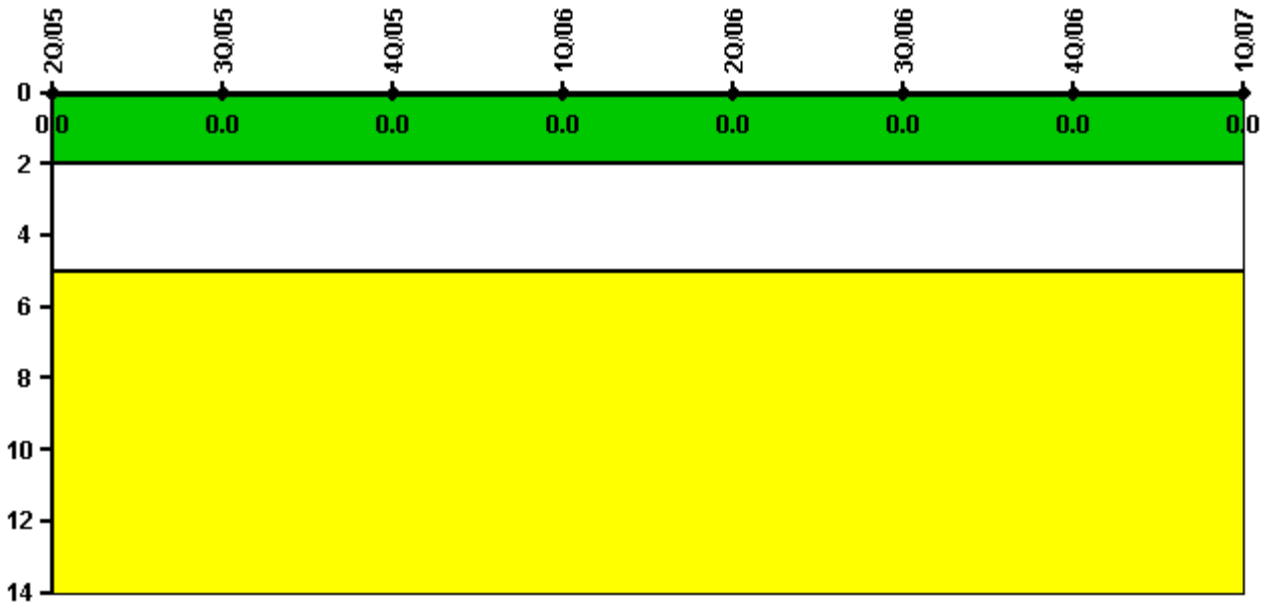
Thresholds: White < 94.0% Yellow < 90.0%

## Notes

Alert & Notification System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Successful siren-tests	1237	1235	1238	1239	1246	1239	1247	1247
Total sirens-tests	1248	1248	1248	1248	1248	1244	1248	1248
Indicator value	98.5%	99.1%	99.1%	99.1%	99.3%	99.5%	99.7%	99.8%

Licensee Comments: none

# Occupational Exposure Control Effectiveness



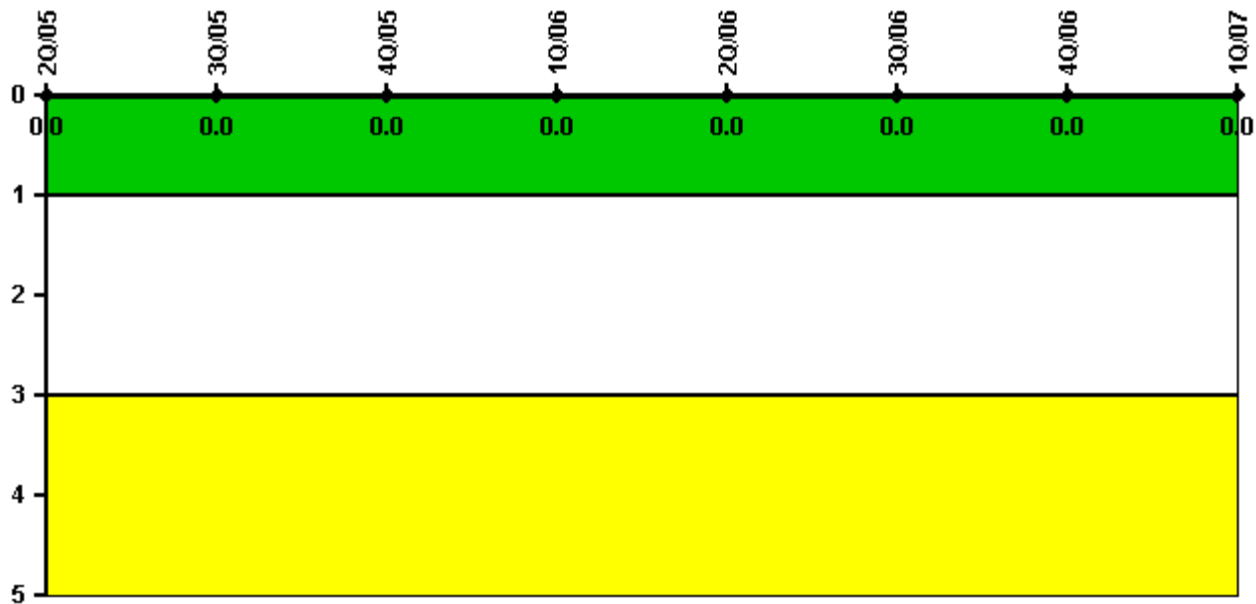
Thresholds: White > 2.0 Yellow > 5.0

## Notes

Occupational Exposure Control Effectiveness	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/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	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/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: June 1, 2007