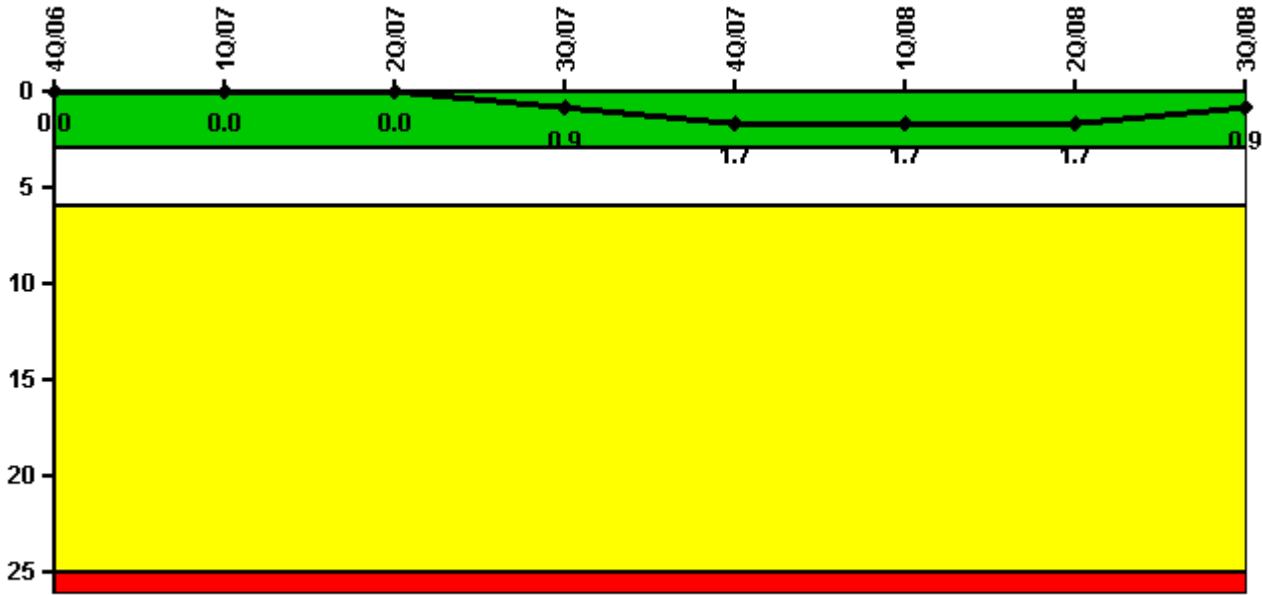


# FitzPatrick

## 3Q/2008 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



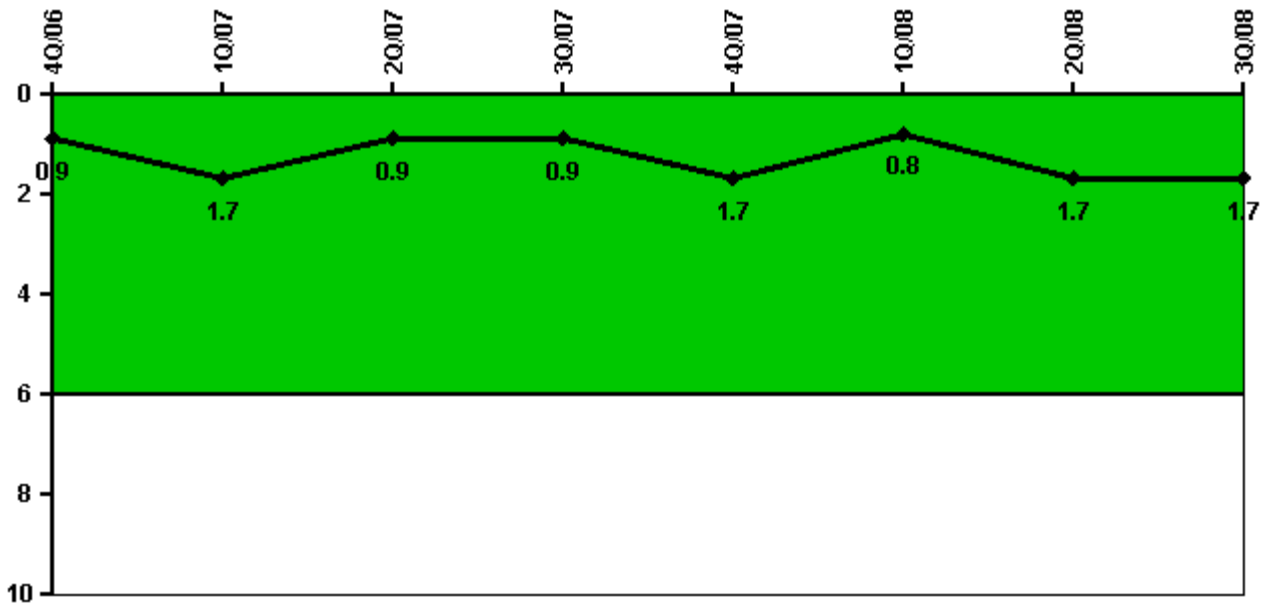
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Unplanned scrams	0	0	0	1.0	1.0	0	0	0
Critical hours	1588.7	2159.0	2184.0	2119.6	1952.6	2183.0	2145.5	1809.9
Indicator value	0	0	0	0.9	1.7	1.7	1.7	0.9

Licensee Comments: none

## Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

### Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Unplanned power changes	0	1.0	0	0	1.0	0	1.0	0
Critical hours	1588.7	2159.0	2184.0	2119.6	1952.6	2183.0	2145.5	1809.9
Indicator value	0.9	1.7	0.9	0.9	1.7	0.8	1.7	1.7

Licensee Comments: none

# Unplanned Scrams with Complications



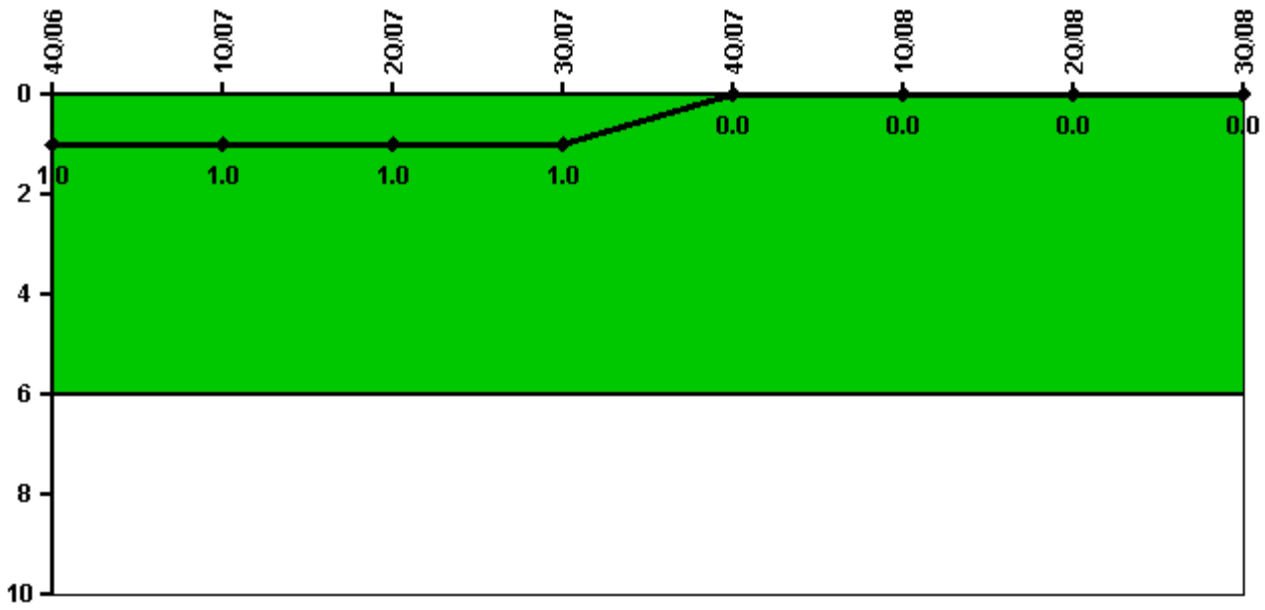
Thresholds: White > 1.0

**Notes**

Unplanned Scrams with Complications	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value				0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

## Safety System Functional Failures (BWR)



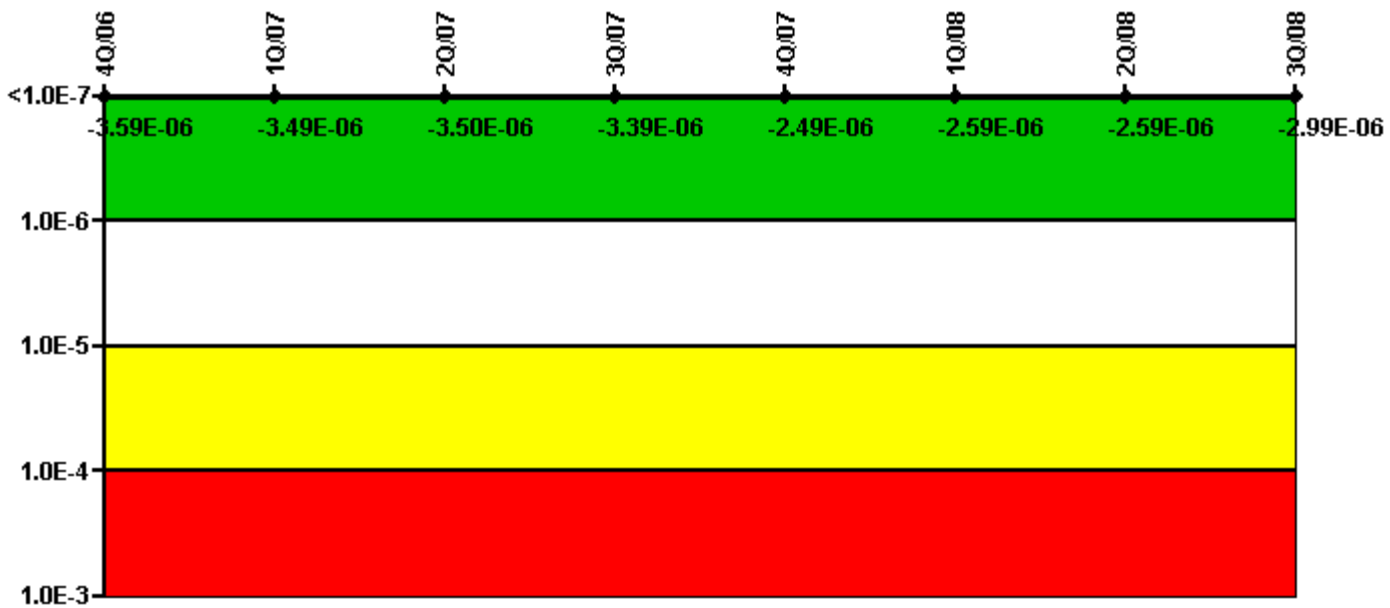
Thresholds: White > 6.0

### Notes

Safety System Functional Failures (BWR)	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Safety System Functional Failures	1	0	0	0	0	0	0	0
Indicator value	1	1	1	1	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

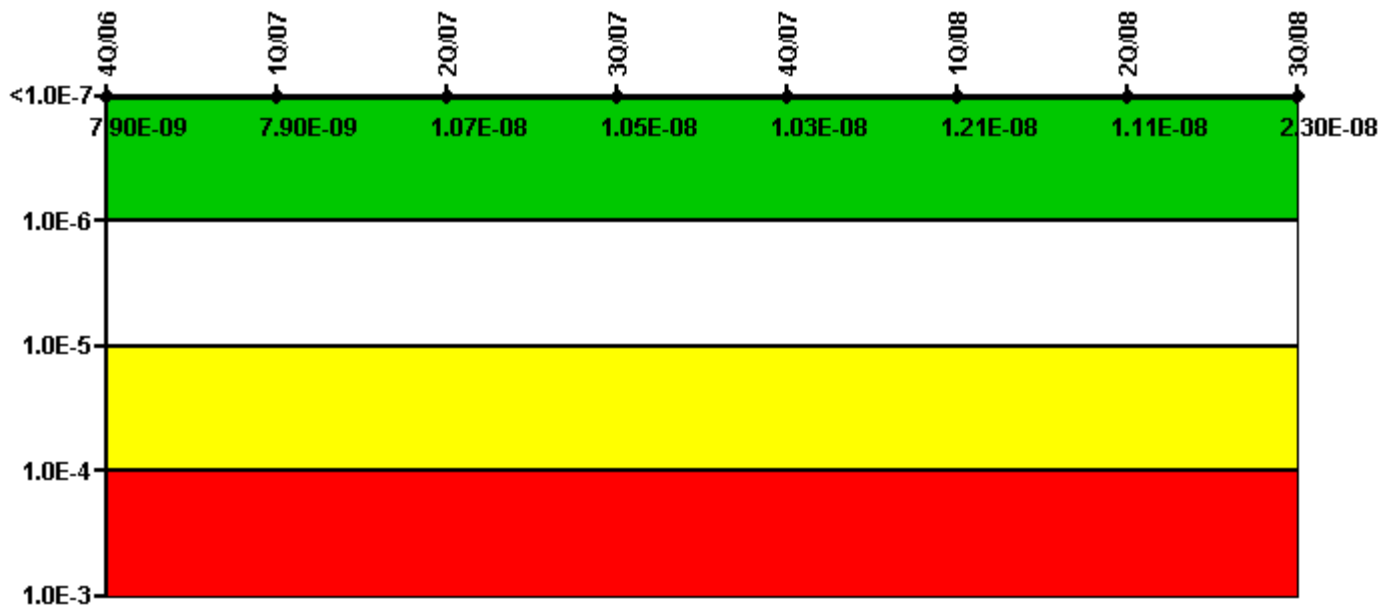
## Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI ( $\Delta$ CDF)	1.40E-08	9.10E-09	4.40E-09	1.20E-08	1.10E-08	8.00E-09	8.30E-09	1.10E-08
URI ( $\Delta$ CDF)	-3.60E-06	-3.50E-06	-3.50E-06	-3.40E-06	-2.50E-06	-2.60E-06	-2.60E-06	-3.00E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.59E-06	-3.49E-06	-3.50E-06	-3.39E-06	-2.49E-06	-2.59E-06	-2.59E-06	-2.99E-06

Licensee Comments:

3Q/08: FitzPatrick input revisions to the PRA Model in the second quarter of 2008. Therefore, the changes become effective this quarter. As a result of the changes there are shifts in the MSPI values for all the MSPI Monitored Systems.

# Mitigating Systems Performance Index, High Pressure Injection System



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

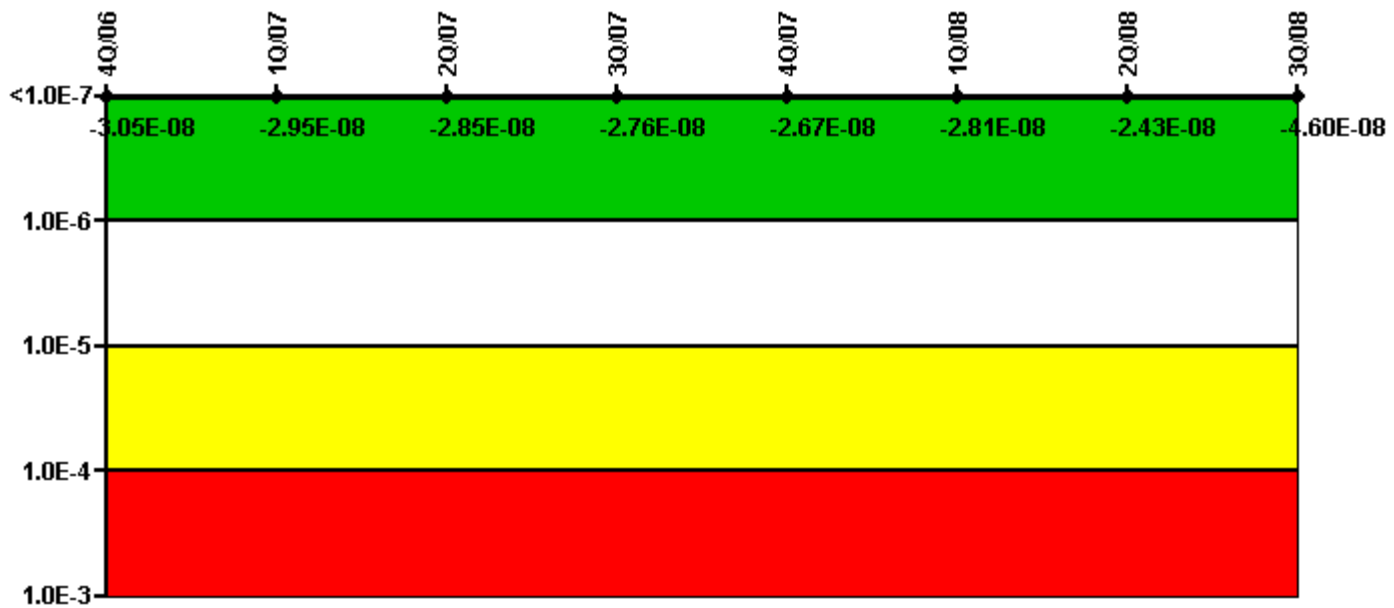
## Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI ( $\Delta$ CDF)	-6.10E-09	-6.10E-09	-3.30E-09	-4.50E-09	-4.70E-09	-4.90E-09	-4.90E-09	-1.00E-08
URI ( $\Delta$ CDF)	1.40E-08	1.40E-08	1.40E-08	1.50E-08	1.50E-08	1.70E-08	1.60E-08	3.30E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	7.90E-09	7.90E-09	1.07E-08	1.05E-08	1.03E-08	1.21E-08	1.11E-08	2.30E-08

Licensee Comments:

3Q/08: FitzPatrick input revisions to the PRA Model in the second quarter of 2008. Therefore, the changes become effective this quarter. As a result of the changes there are shifts in the MSPI values for all the MSPI Monitored Systems.

# Mitigating Systems Performance Index, Heat Removal System



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

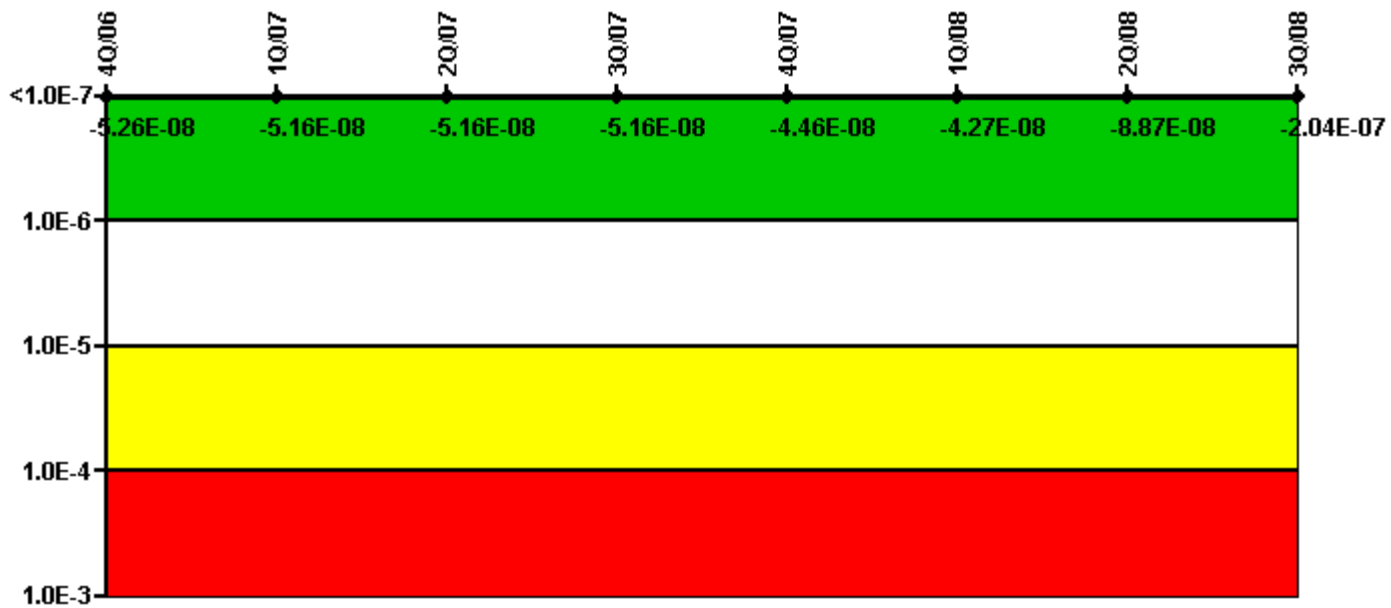
## Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI ( $\Delta$ CDF)	6.50E-09	6.50E-09	6.50E-09	6.40E-09	6.30E-09	6.90E-09	6.70E-09	1.30E-08
URI ( $\Delta$ CDF)	-3.70E-08	-3.60E-08	-3.50E-08	-3.40E-08	-3.30E-08	-3.50E-08	-3.10E-08	-5.90E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.05E-08	-2.95E-08	-2.85E-08	-2.76E-08	-2.67E-08	-2.81E-08	-2.43E-08	-4.60E-08

Licensee Comments:

3Q/08: FitzPatrick input revisions to the PRA Model in the second quarter of 2008. Therefore, the changes become effective this quarter. As a result of the changes there are shifts in the MSPI values for all the MSPI Monitored Systems.

# Mitigating Systems Performance Index, Residual Heat Removal System



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

## Notes

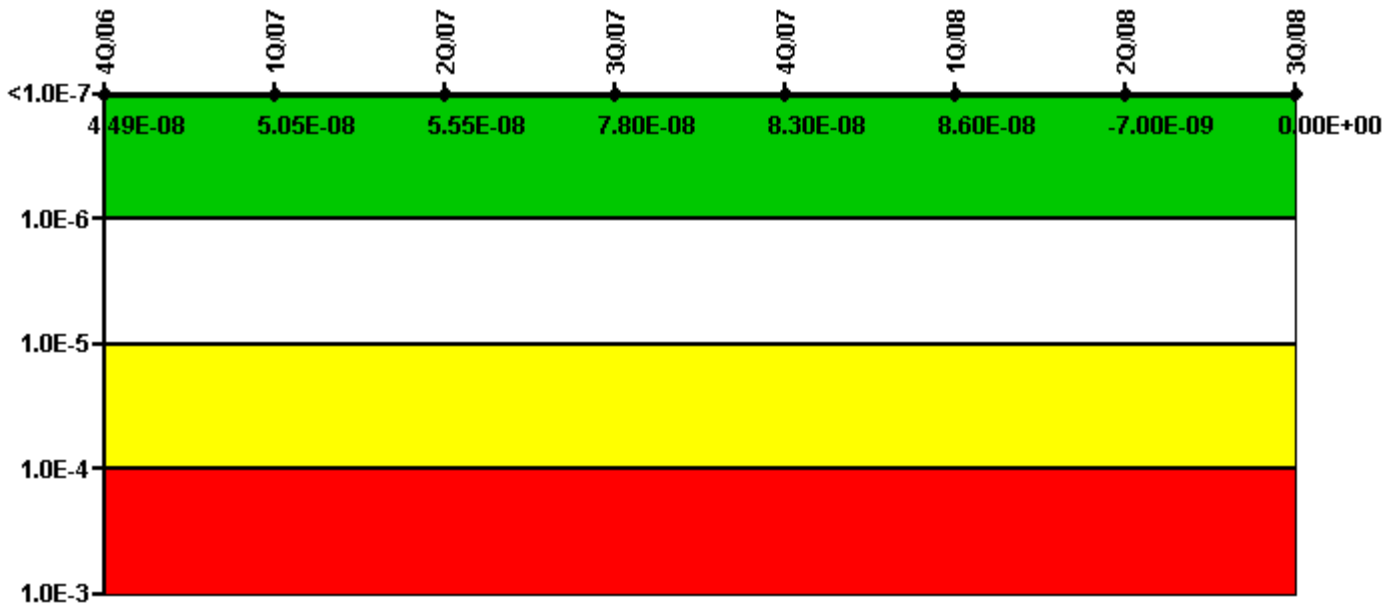
Mitigating Systems Performance Index, Residual Heat Removal System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI ( $\Delta$ CDF)	-3.60E-09	-3.60E-09	-3.60E-09	-3.60E-09	-3.60E-09	-2.70E-09	-2.70E-09	-2.40E-08
URI ( $\Delta$ CDF)	-4.90E-08	-4.80E-08	-4.80E-08	-4.80E-08	-4.10E-08	-4.00E-08	-8.60E-08	-1.80E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.26E-08	-5.16E-08	-5.16E-08	-5.16E-08	-4.46E-08	-4.27E-08	-8.87E-08	-2.04E-07

Licensee Comments:

3Q/08: FitzPatrick input revisions to the PRA Model in the second quarter of 2008. Therefore, the changes become effective this quarter. As a result of the changes there are shifts in the MSPI values for all the MSPI Monitored Systems.



# Mitigating Systems Performance Index, Cooling Water Systems



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

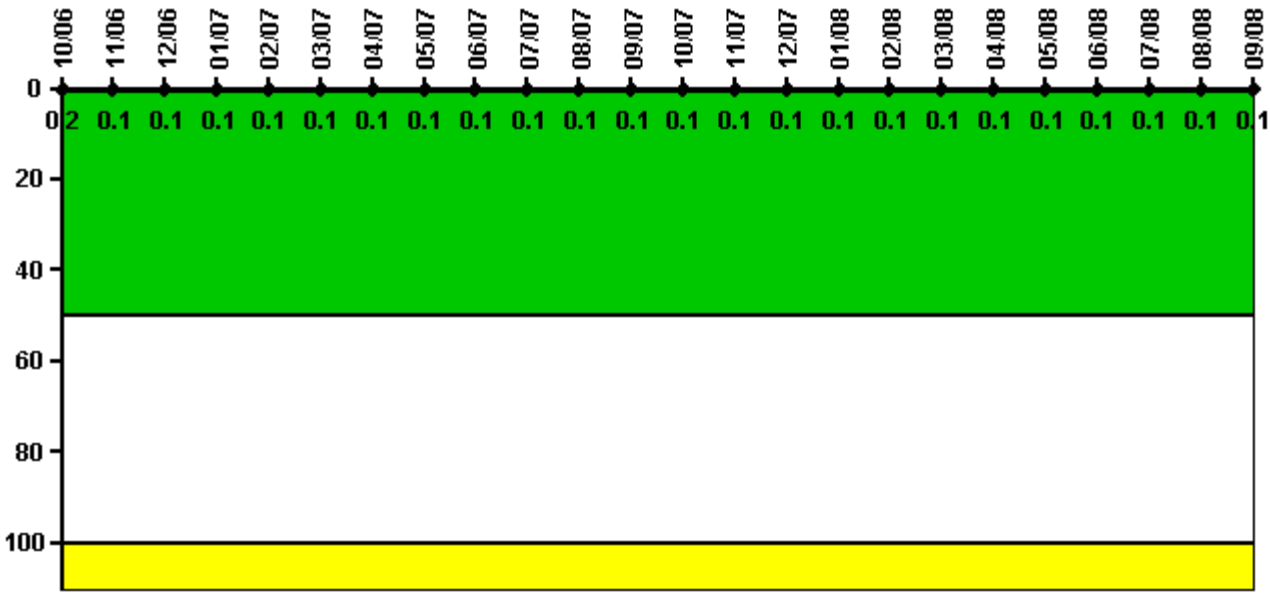
## Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI ( $\Delta$ CDF)	4.90E-09	8.50E-09	8.50E-09	3.10E-08	3.50E-08	3.80E-08	3.70E-08	3.50E-08
URI ( $\Delta$ CDF)	4.00E-08	4.20E-08	4.70E-08	4.70E-08	4.80E-08	4.80E-08	-4.40E-08	-3.50E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.49E-08	5.05E-08	5.55E-08	7.80E-08	8.30E-08	8.60E-08	-7.00E-09	0.00E+00

Licensee Comments:

3Q/08: FitzPatrick input revisions to the PRA Model in the second quarter of 2008. Therefore, the changes become effective this quarter. As a result of the changes there are shifts in the MSPI values for all the MSPI Monitored Systems.

## Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

### Notes

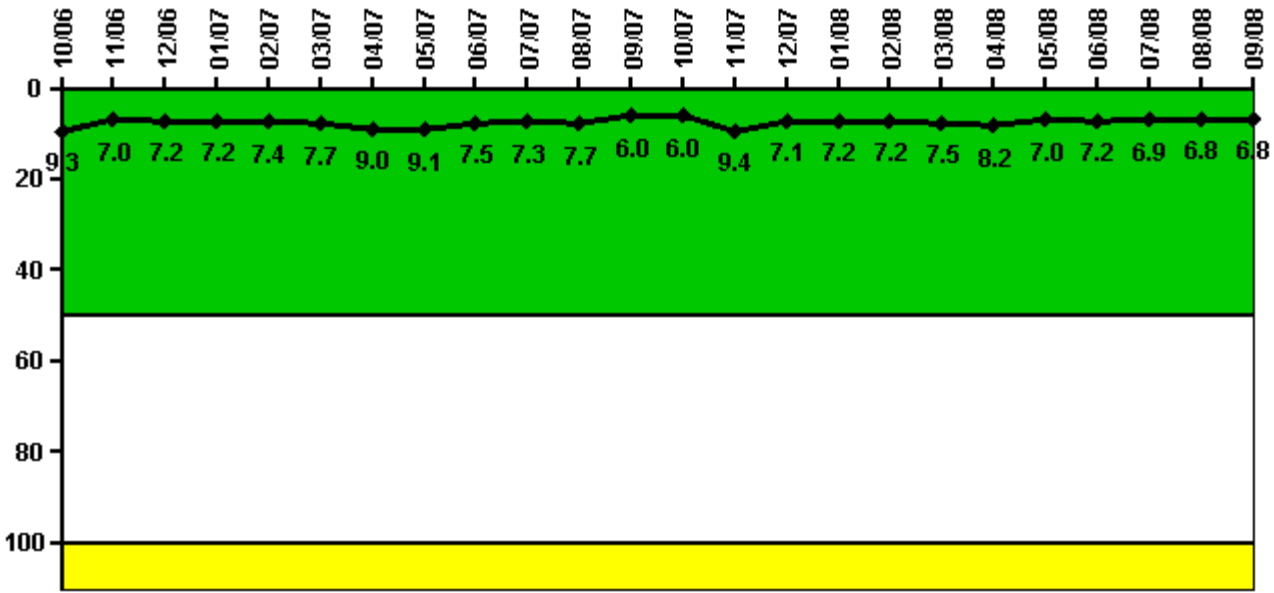
Reactor Coolant System Activity	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07
Maximum activity	0.000315	0.000173	0.000158	0.000156	0.000162	0.000158	0.000157	0.000195	0.000142	0.000133	0.000180	0.000167
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Reactor Coolant System Activity	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08
Maximum activity	0.000189	0.000152	0.000166	0.000136	0.000179	0.000130	0.000168	0.000143	0.000228	0.000161	0.000158	0.000172
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	0.1	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

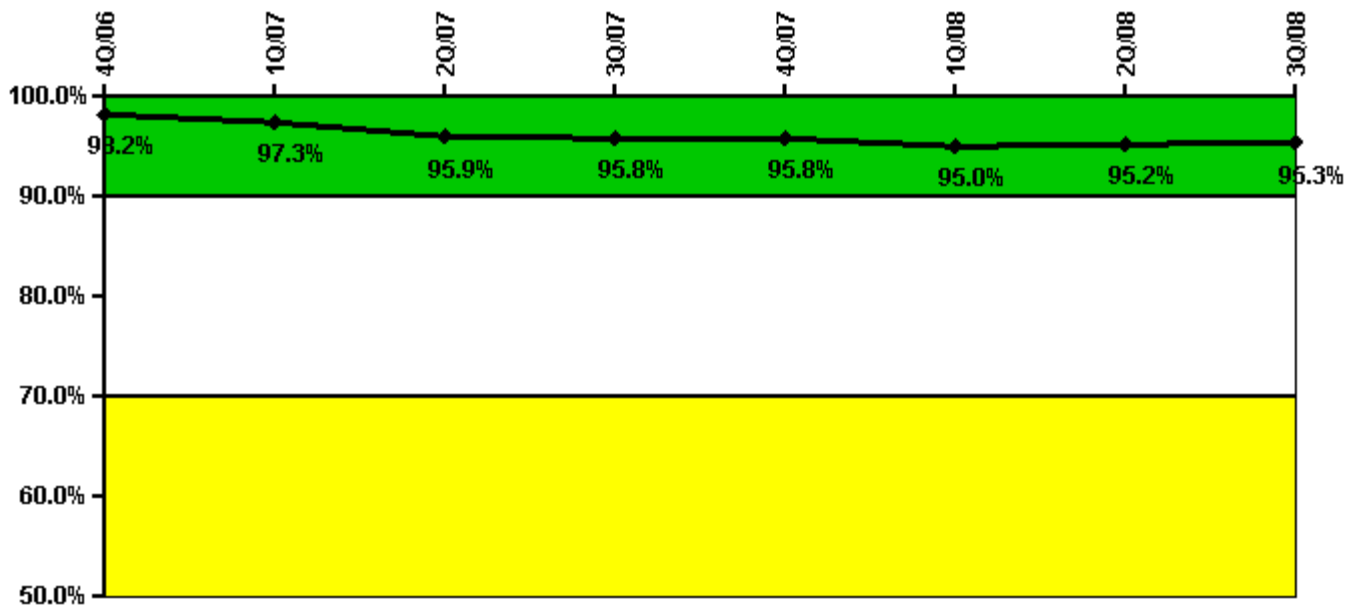
Reactor Coolant System Leakage	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07
Maximum leakage	2.320	1.760	1.790	1.790	1.850	1.930	2.250	2.280	1.870	1.820	1.920	1.490
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	9.3	7.0	7.2	7.2	7.4	7.7	9.0	9.1	7.5	7.3	7.7	6.0

Reactor Coolant System Leakage	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08
Maximum leakage	1.510	2.350	1.780	1.790	1.800	1.880	2.040	1.740	1.800	1.730	1.710	1.690
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	6.0	9.4	7.1	7.2	7.2	7.5	8.2	7.0	7.2	6.9	6.8	6.8

Licensee Comments: none

## Drill/Exercise Performance



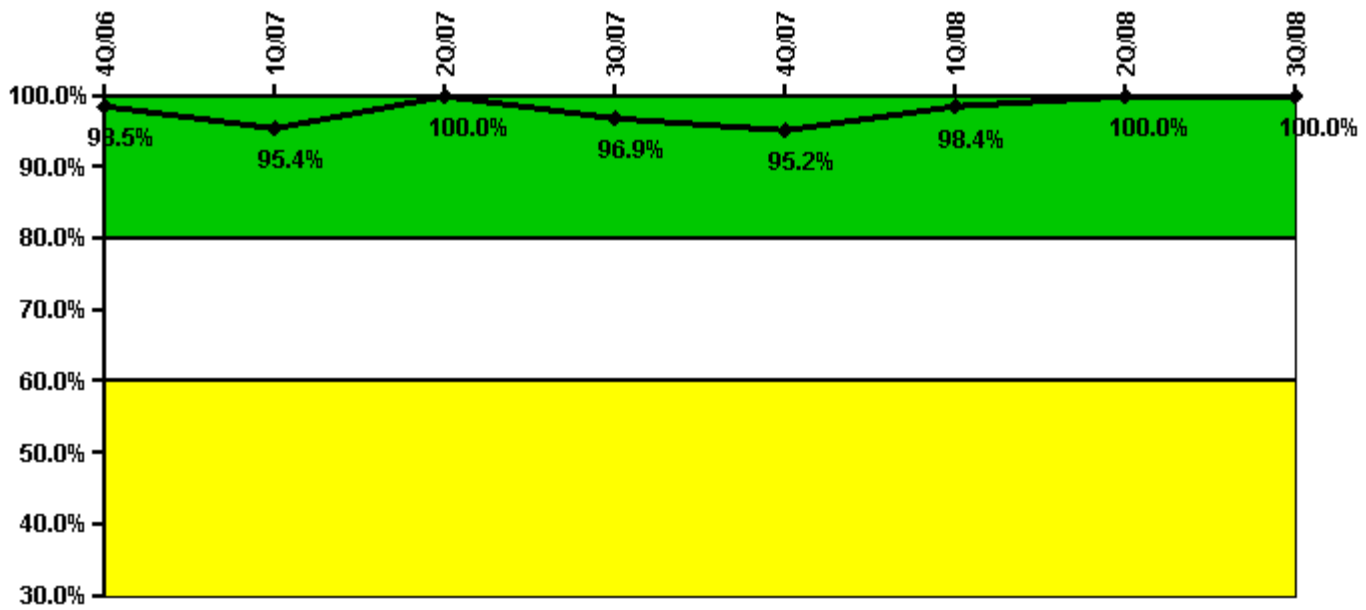
Thresholds: White < 90.0% Yellow < 70.0%

### Notes

Drill/Exercise Performance	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Successful opportunities	10.0	54.0	68.0	10.0	19.0	65.0	67.0	8.0
Total opportunities	10.0	57.0	73.0	10.0	20.0	70.0	68.0	8.0
Indicator value	98.2%	97.3%	95.9%	95.8%	95.8%	95.0%	95.2%	95.3%

Licensee Comments: none

## ERO Drill Participation



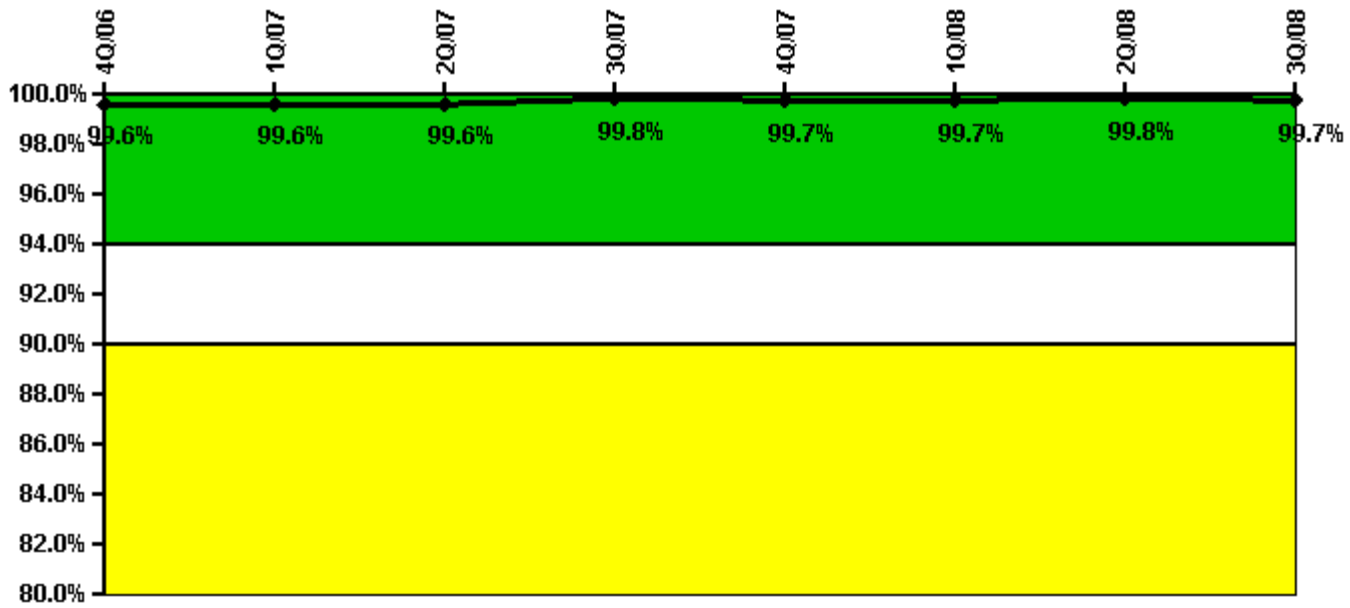
**Thresholds:** White < 80.0% Yellow < 60.0%

### Notes

ERO Drill Participation	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Participating Key personnel	66.0	62.0	60.0	62.0	59.0	60.0	62.0	63.0
Total Key personnel	67.0	65.0	60.0	64.0	62.0	61.0	62.0	63.0
Indicator value	98.5%	95.4%	100.0%	96.9%	95.2%	98.4%	100.0%	100.0%

Licensee Comments: none

## Alert & Notification System



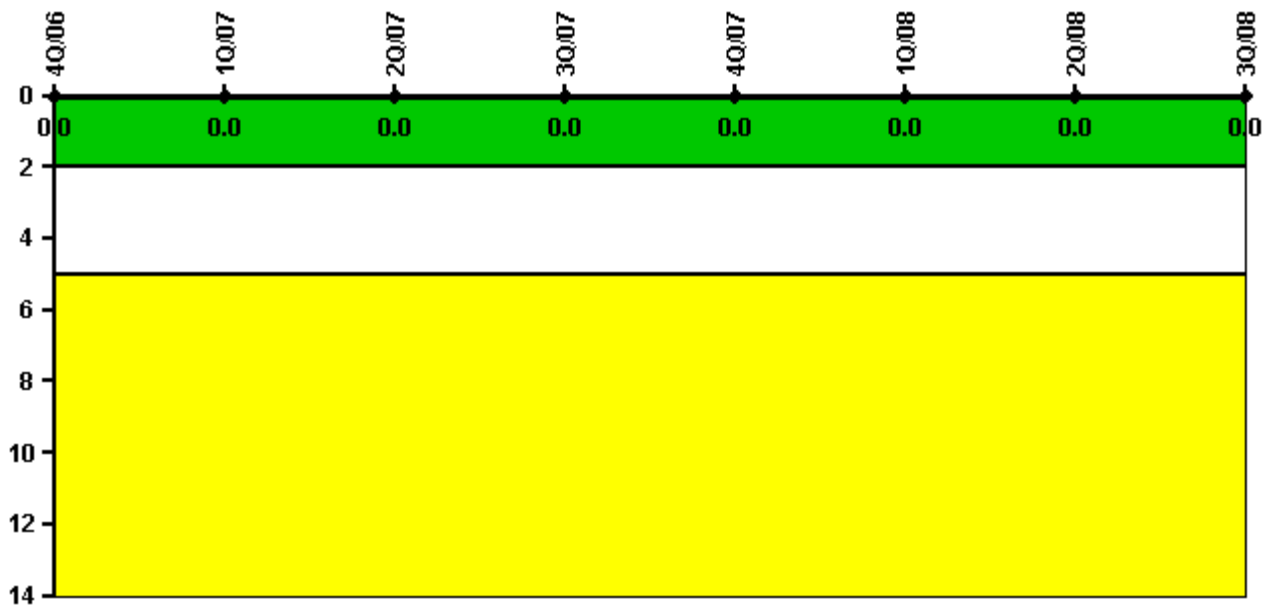
**Thresholds:** White < 94.0% Yellow < 90.0%

### Notes

Alert & Notification System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Successful siren-tests	295	296	221	296	257	296	222	295
Total sirens-tests	296	296	222	296	259	296	222	296
Indicator value	99.6%	99.6%	99.6%	99.8%	99.7%	99.7%	99.8%	99.7%

Licensee Comments: none

## Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

### Notes

Occupational Exposure Control Effectiveness	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
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	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
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.