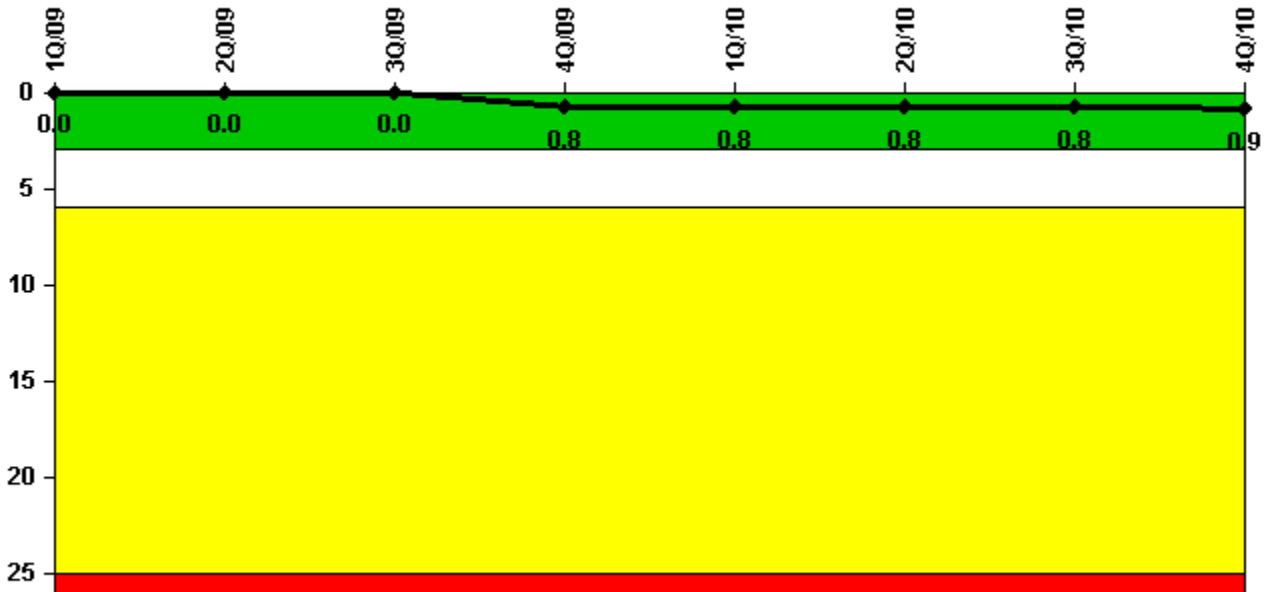


# Dresden 3

## 4Q/2010 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



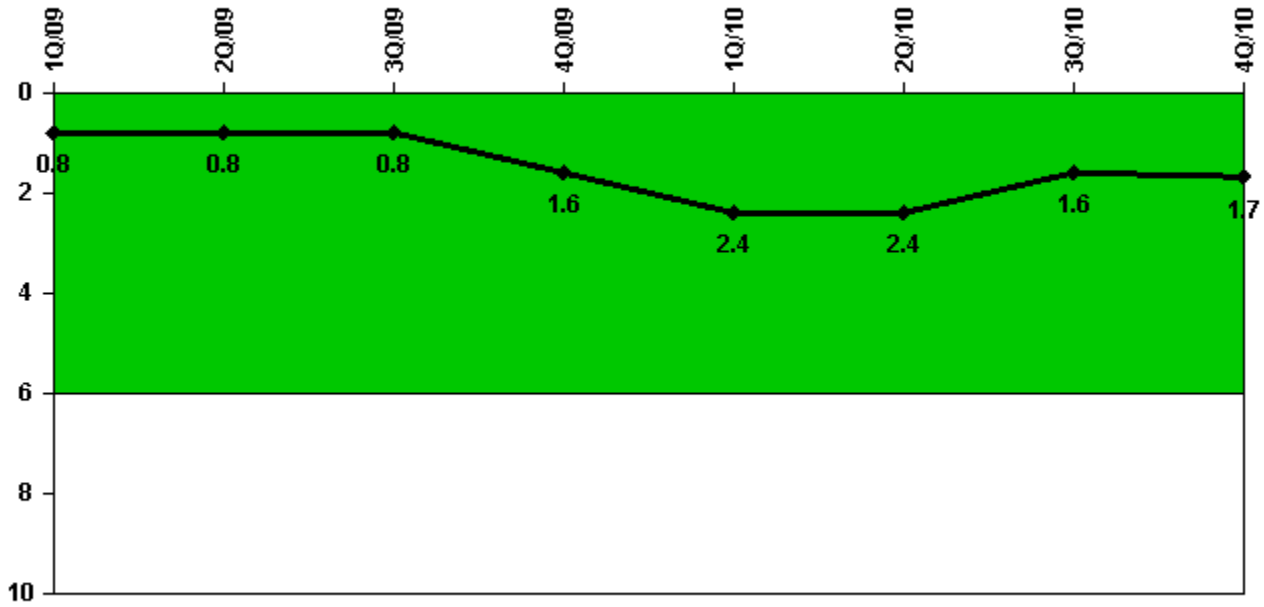
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Unplanned scrams	0	0	0	1.0	0	0	0	1.0
Critical hours	2159.0	2145.0	2208.0	2145.7	2159.0	2184.0	2208.0	1568.7
Indicator value	0	0	0	0.8	0.8	0.8	0.8	0.9

Licensee Comments: none

## Unplanned Power Changes per 7000 Critical Hrs



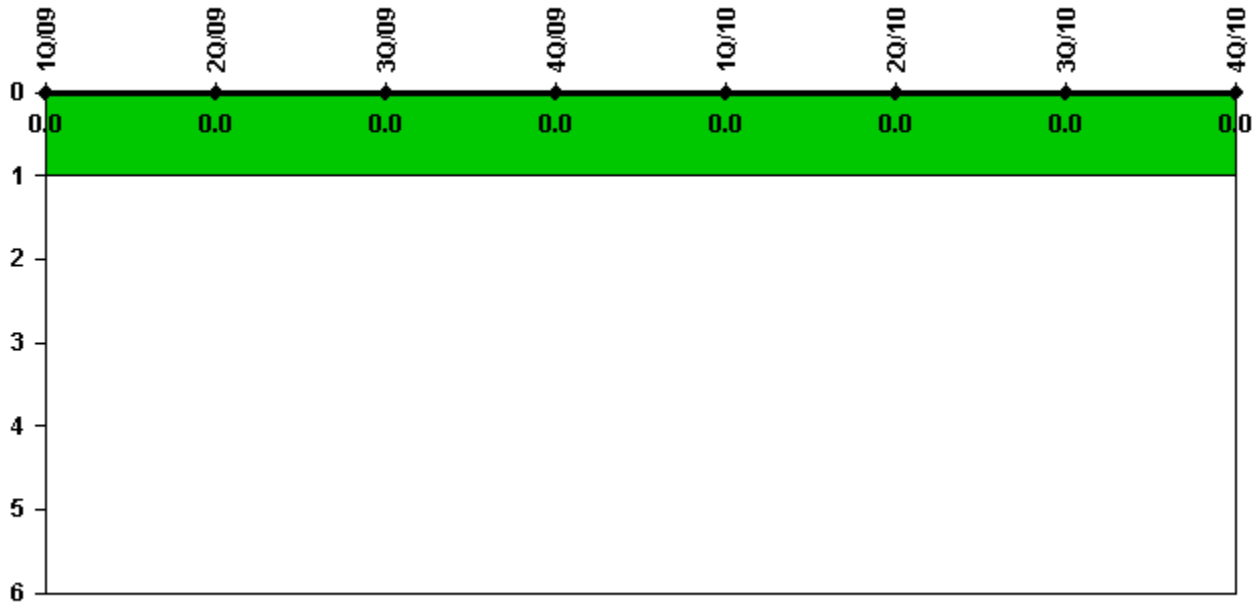
Thresholds: White > 6.0

### Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Unplanned power changes	0	0	1.0	1.0	1.0	0	0	1.0
Critical hours	2159.0	2145.0	2208.0	2145.7	2159.0	2184.0	2208.0	1568.7
Indicator value	0.8	0.8	0.8	1.6	2.4	2.4	1.6	1.7

Licensee Comments: none

# Unplanned Scrams with Complications



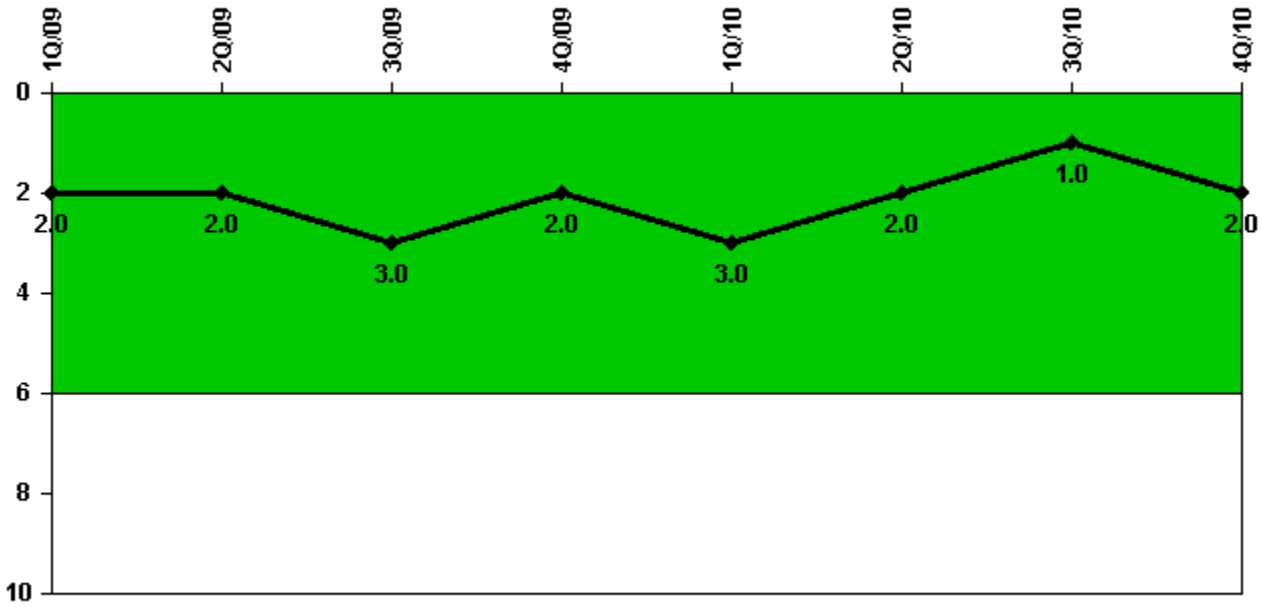
Thresholds: White > 1.0

## Notes

Unplanned Scrams with Complications	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
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 (BWR)



Thresholds: White > 6.0

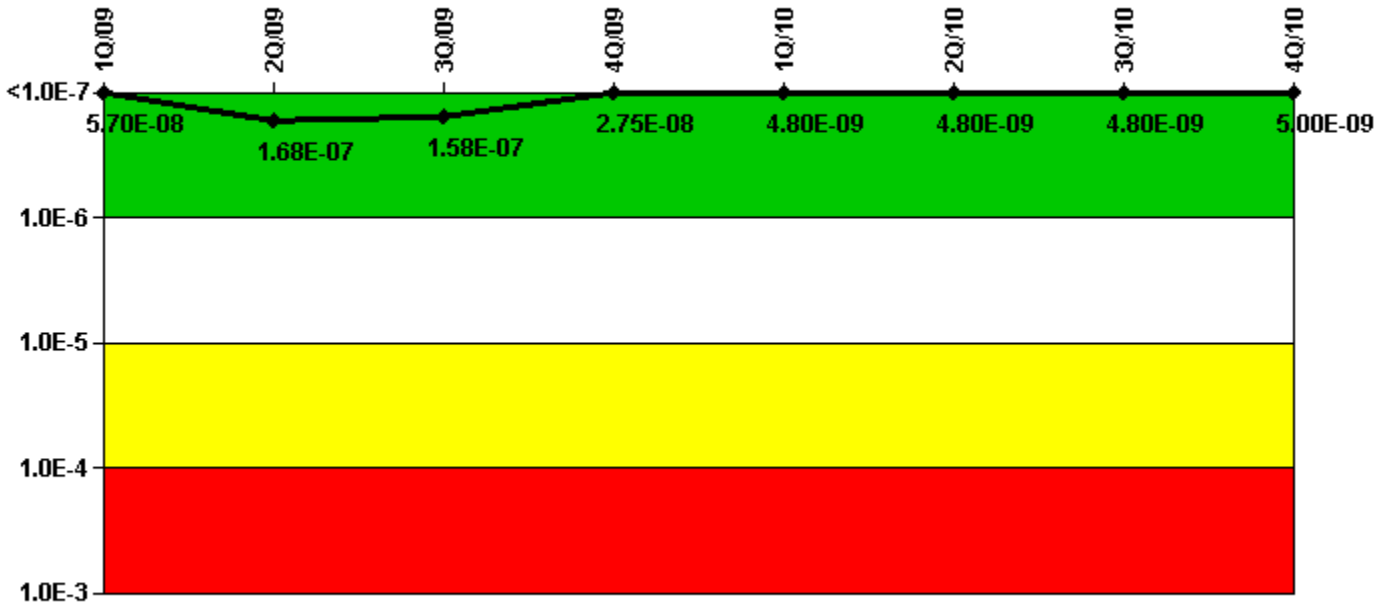
### Notes

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

Licensee Comments:

4Q/10: Licensee Event Report 249/2010-002-00, "MSIV Leakage Exceeds Technical Specifications Allowable Limits," submitted on 12/29/2010

# Mitigating Systems Performance Index, Emergency AC Power System



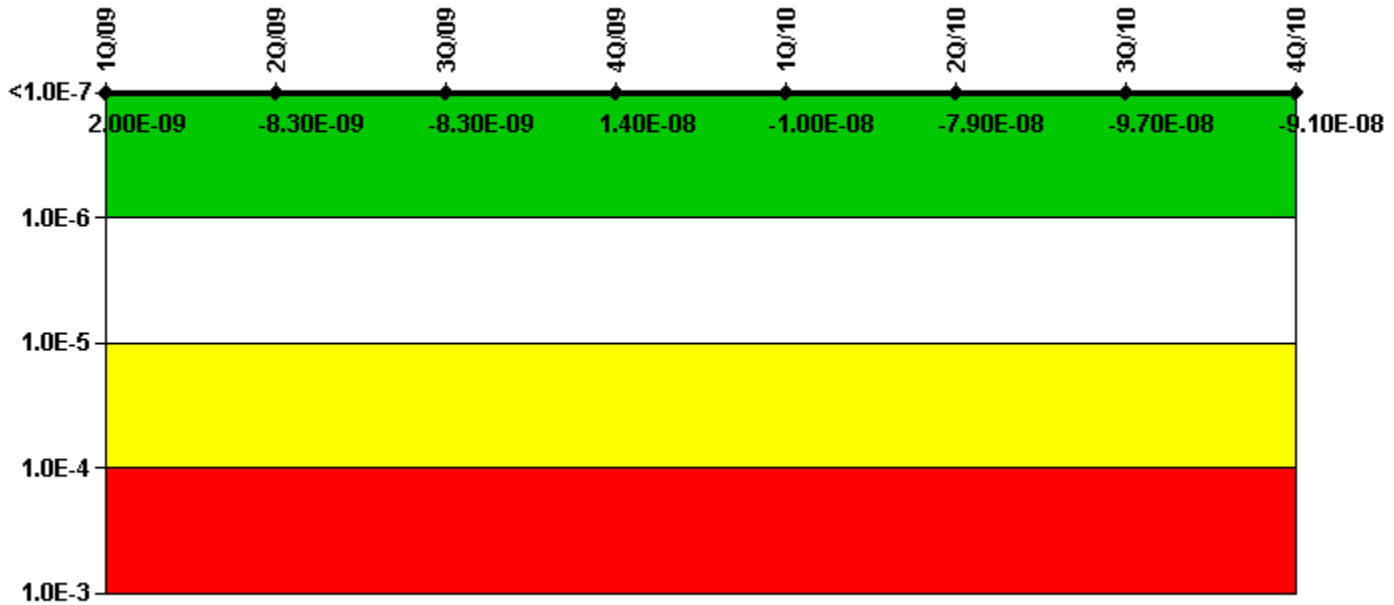
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI ( $\Delta$ CDF)	-4.00E-09	-2.40E-09	-2.10E-09	5.10E-10	-4.44E-11	-4.44E-11	-4.48E-11	-3.24E-11
URI ( $\Delta$ CDF)	6.10E-08	1.70E-07	1.60E-07	2.70E-08	4.88E-09	4.87E-09	4.86E-09	5.08E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	5.70E-08	1.68E-07	1.58E-07	2.75E-08	4.80E-09	4.80E-09	4.80E-09	5.00E-09

Licensee Comments: none

# Mitigating Systems Performance Index, High Pressure Injection System



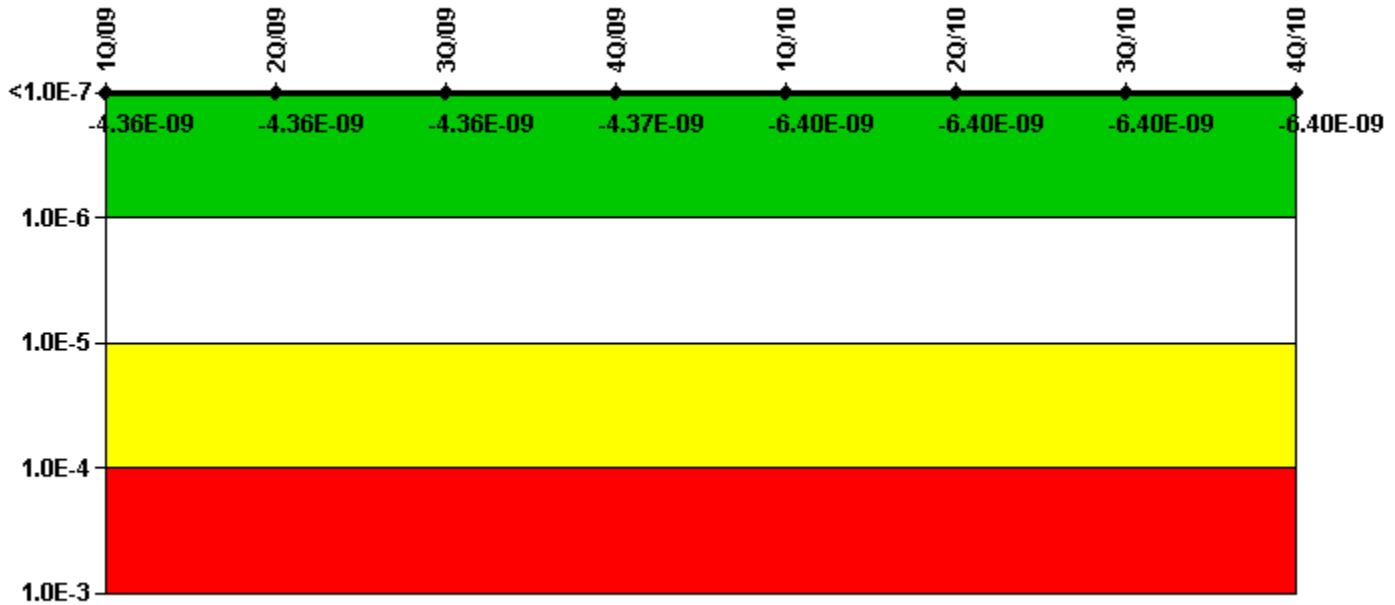
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI ( $\Delta$ CDF)	1.20E-08	1.70E-09	1.70E-09	2.50E-08	-2.00E-09	-1.32E-08	-3.14E-08	-2.55E-08
URI ( $\Delta$ CDF)	-1.00E-08	-1.00E-08	-1.00E-08	-1.10E-08	-8.24E-09	-6.57E-08	-6.57E-08	-6.57E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.00E-09	-8.30E-09	-8.30E-09	1.40E-08	-1.00E-08	-7.90E-08	-9.70E-08	-9.10E-08

Licensee Comments: none

# Mitigating Systems Performance Index, Heat Removal System



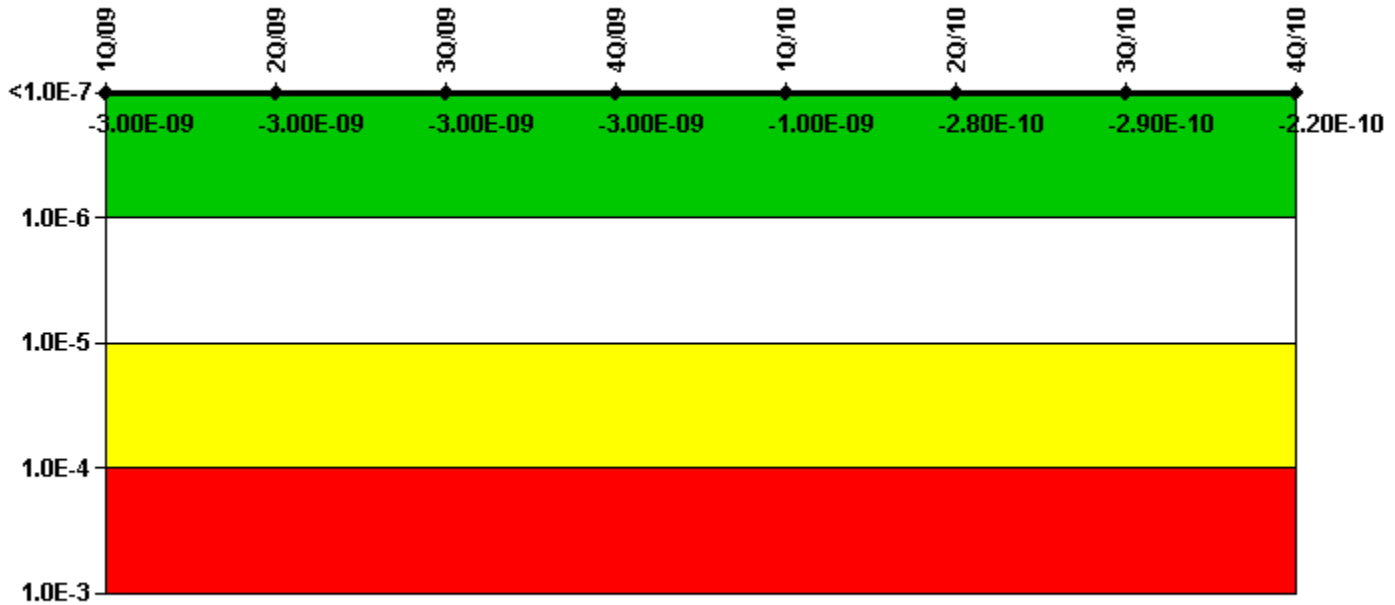
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI ( $\Delta$ CDF)	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-6.25E-09	-6.25E-09	-6.25E-09	-6.25E-09
URI ( $\Delta$ CDF)	-6.00E-11	-6.00E-11	-6.00E-11	-6.80E-11	-1.13E-10	-1.13E-10	-1.13E-10	-1.13E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.36E-09	-4.36E-09	-4.36E-09	-4.37E-09	-6.40E-09	-6.40E-09	-6.40E-09	-6.40E-09

Licensee Comments: none

# Mitigating Systems Performance Index, Residual Heat Removal System



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

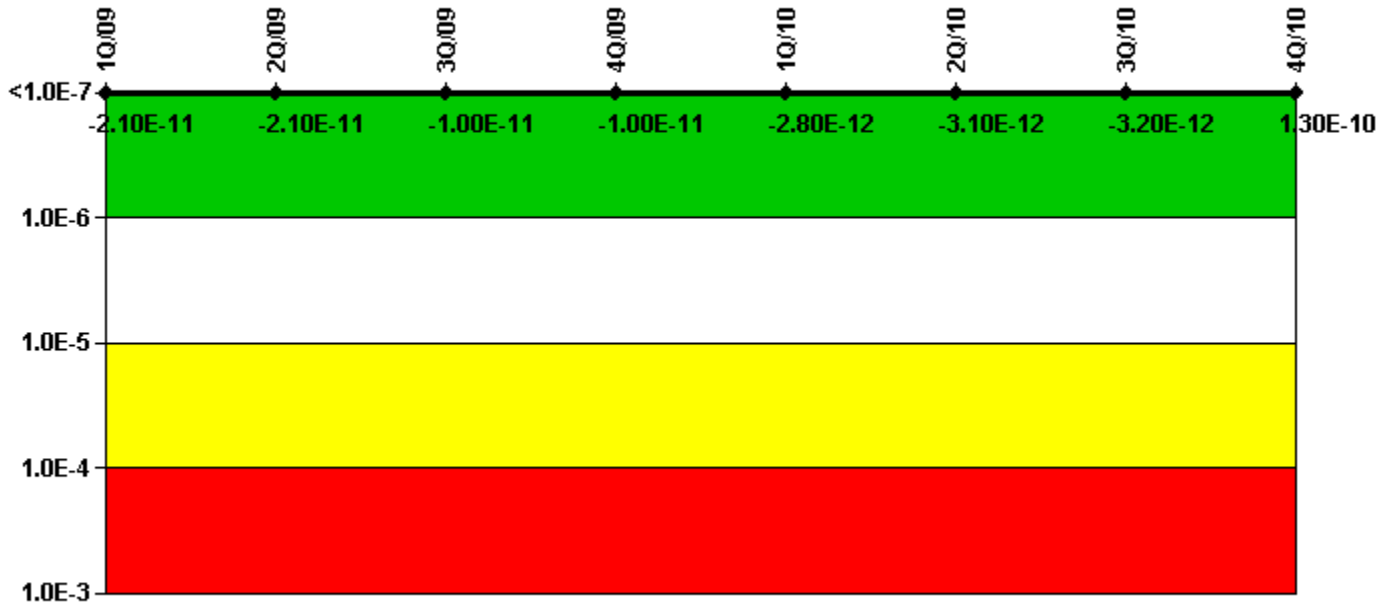
## Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI ( $\Delta$ CDF)	-1.20E-09	-1.30E-09	-1.30E-09	-1.30E-09	-4.75E-10	2.63E-10	2.60E-10	3.47E-10
URI ( $\Delta$ CDF)	-1.80E-09	-1.70E-09	-1.70E-09	-1.70E-09	-5.44E-10	-5.39E-10	-5.46E-10	-5.66E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.00E-09	-3.00E-09	-3.00E-09	-3.00E-09	-1.00E-09	-2.80E-10	-2.90E-10	-2.20E-10

Licensee Comments: none



# Mitigating Systems Performance Index, Cooling Water Systems



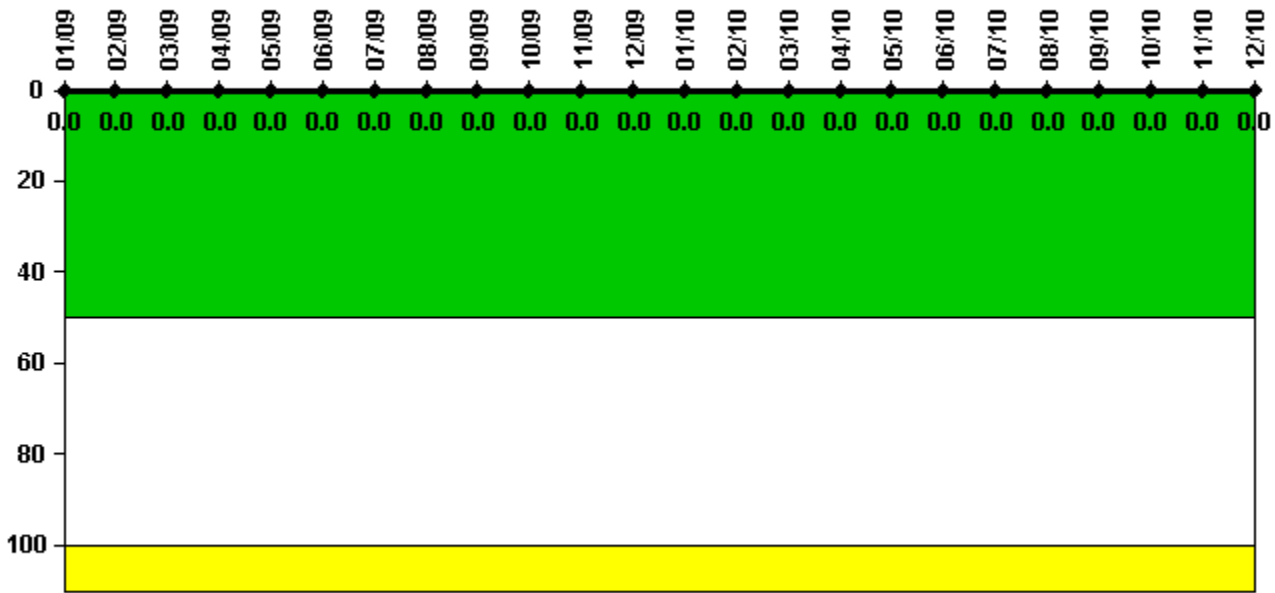
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI ( $\Delta$ CDF)	0.00E+00	0.00E+00	1.10E-11	1.10E-11	8.32E-12	8.32E-12	8.32E-12	1.45E-10
URI ( $\Delta$ CDF)	-2.10E-11	-2.10E-11	-2.10E-11	-2.10E-11	-1.12E-11	-1.14E-11	-1.15E-11	-1.16E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.10E-11	-2.10E-11	-1.00E-11	-1.00E-11	-2.80E-12	-3.10E-12	-3.20E-12	1.30E-10

Licensee Comments: none

# Reactor Coolant System Activity



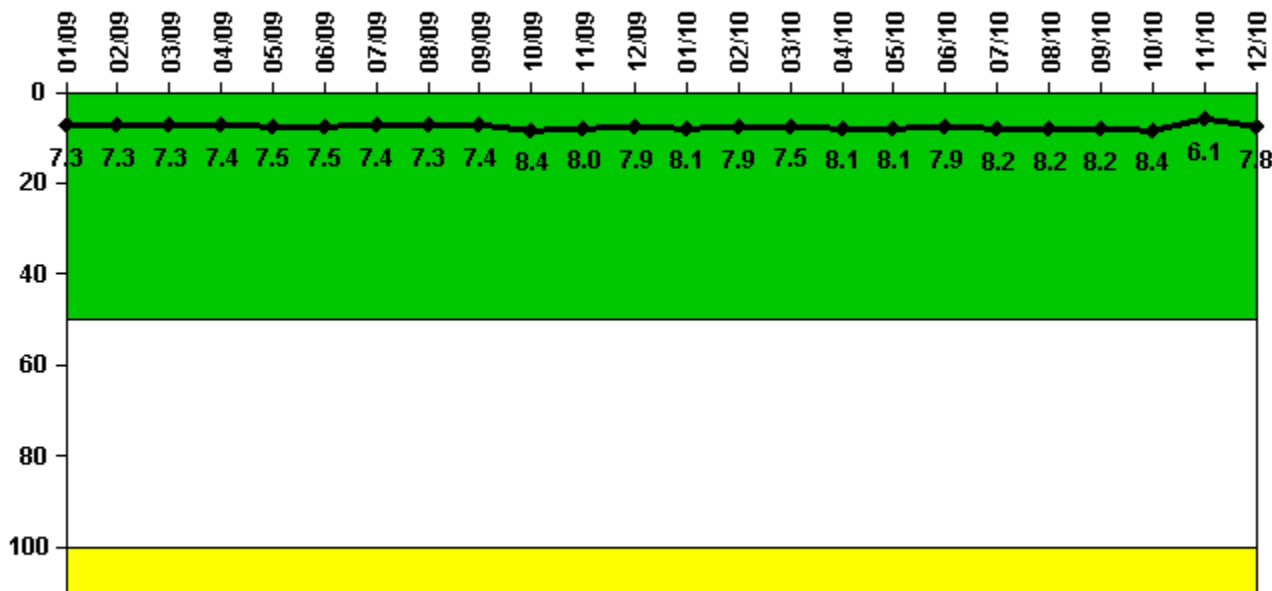
Thresholds: White > 50.0 Yellow > 100.0

## Notes

Reactor Coolant System Activity	1/09	2/09	3/09	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09
Maximum activity	0.000023	0.000016	0.000011	0.000016	0.000015	0.000015	0.000014	0.000012	0.000013	0.000012	0.000020	0.000011
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	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10
Maximum activity	0.000008	0.000007	0.000010	0.000009	0.000010	0.000006	0.000006	0.000007	0.000015	0.000008	0.000004	0.000013
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	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

## Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

### Notes

Reactor Coolant System Leakage	1/09	2/09	3/09	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09
Maximum leakage	1.837	1.820	1.823	1.855	1.868	1.882	1.855	1.835	1.838	2.102	2.007	1.973
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	7.3	7.3	7.3	7.4	7.5	7.5	7.4	7.3	7.4	8.4	8.0	7.9

Reactor Coolant System Leakage	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10
Maximum leakage	2.013	1.982	1.867	2.035	2.028	1.978	2.057	2.038	2.048	2.103	1.535	1.938
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	8.1	7.9	7.5	8.1	8.1	7.9	8.2	8.2	8.2	8.4	6.1	7.8

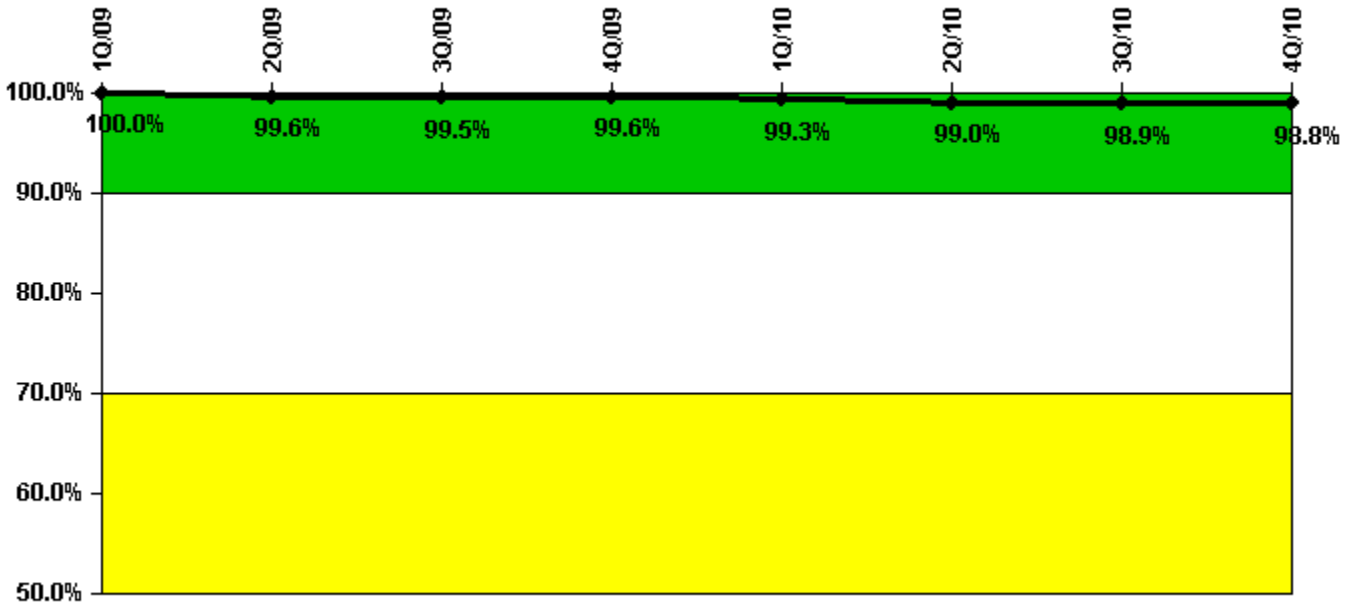
### Licensee Comments:

9/10: Maximum RCS Identified Leakage value was corrected to be the same as Maximum RCS Total Leakage value per NEI 99-02, Rev. 6 guidance. This change affects January - September 2010 RCS leakage data. Indicator color was not affected by this change.

6/10: Maximum RCS Identified Leakage value was corrected to be the same as Maximum RCS Total Leakage value per NEI 99-02, Rev. 6 guidance. This change affects January - September 2010 RCS leakage data. Indicator color was not affected by this change.

3/10: Maximum RCS Identified Leakage value was corrected to be the same as Maximum RCS Total Leakage value per NEI 99-02, Rev. 6 guidance. This change affects January - September 2010 RCS leakage data. Indicator color was not affected by this change.

## Drill/Exercise Performance



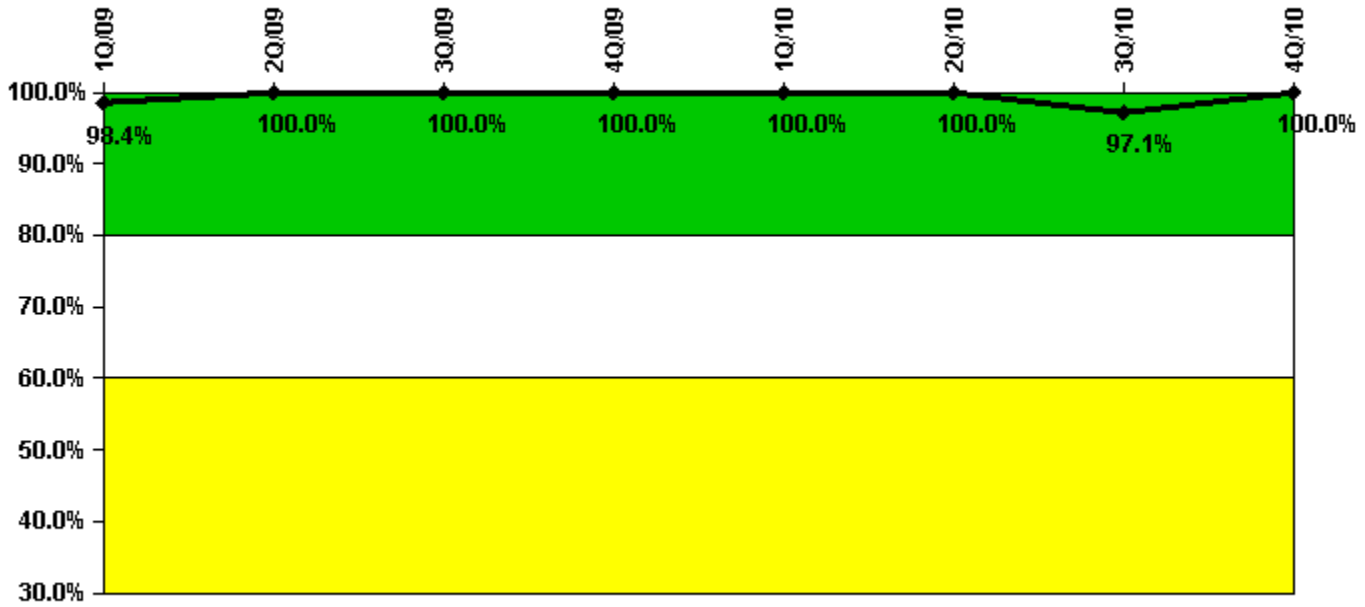
Thresholds: White < 90.0% Yellow < 70.0%

### Notes

Drill/Exercise Performance	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Successful opportunities	46.0	33.0	36.0	34.0	41.0	39.0	6.0	8.0
Total opportunities	46.0	34.0	36.0	34.0	42.0	40.0	6.0	8.0
Indicator value	100.0%	99.6%	99.5%	99.6%	99.3%	99.0%	98.9%	98.8%

Licensee Comments: none

## ERO Drill Participation



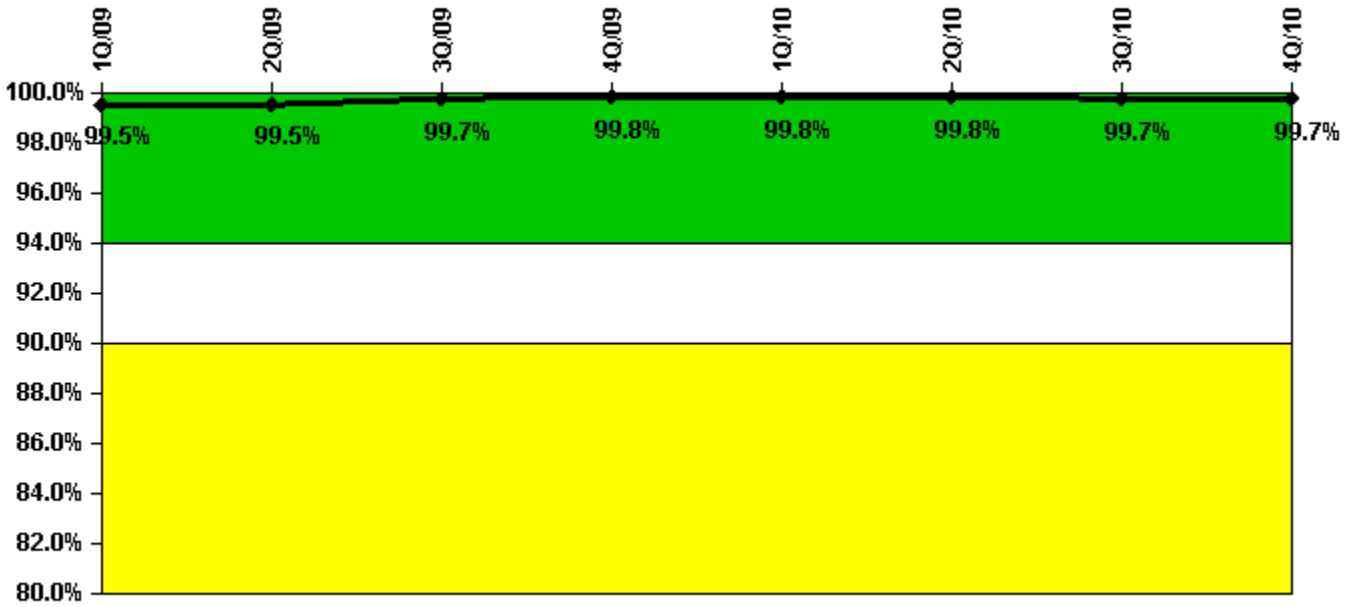
Thresholds: White < 80.0% Yellow < 60.0%

### Notes

ERO Drill Participation	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Participating Key personnel	63.0	65.0	65.0	71.0	72.0	71.0	66.0	68.0
Total Key personnel	64.0	65.0	65.0	71.0	72.0	71.0	68.0	68.0
Indicator value	98.4%	100.0%	100.0%	100.0%	100.0%	100.0%	97.1%	100.0%

Licensee Comments: none

# Alert & Notification System



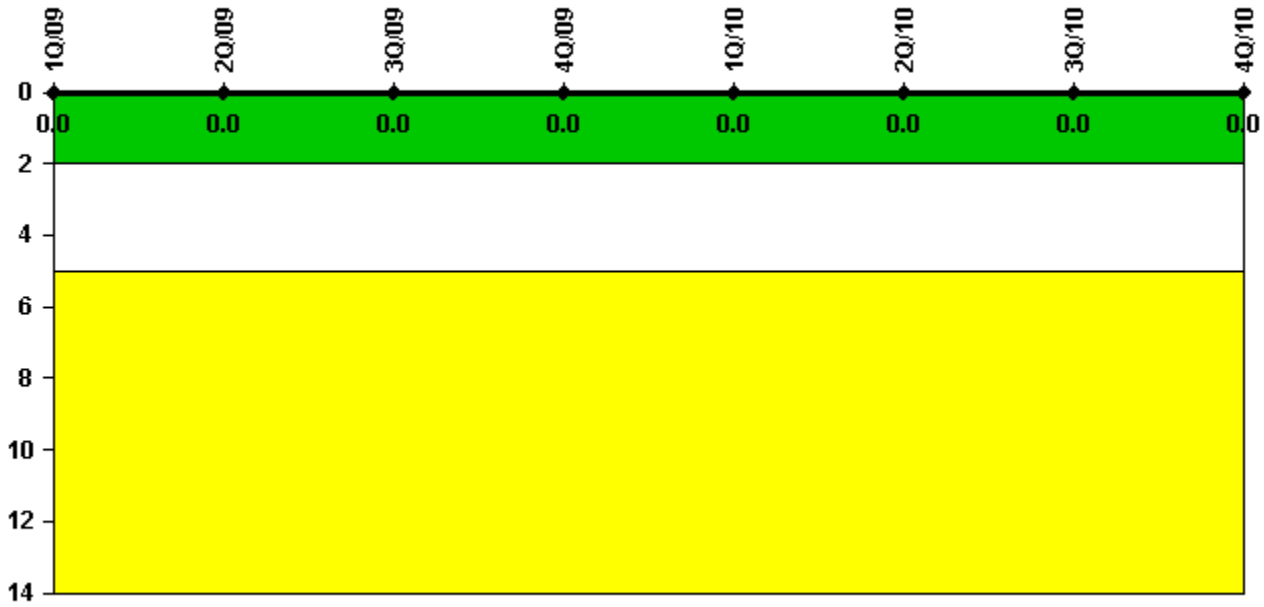
**Thresholds: White < 94.0% Yellow < 90.0%**

## Notes

Alert & Notification System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Successful siren-tests	4900	4978	5064	4983	2893	2929	2979	2988
Total sirens-tests	4914	4992	5070	4992	2898	2944	2989	2990
Indicator value	99.5%	99.5%	99.7%	99.8%	99.8%	99.8%	99.7%	99.7%

Licensee Comments: none

# Occupational Exposure Control Effectiveness



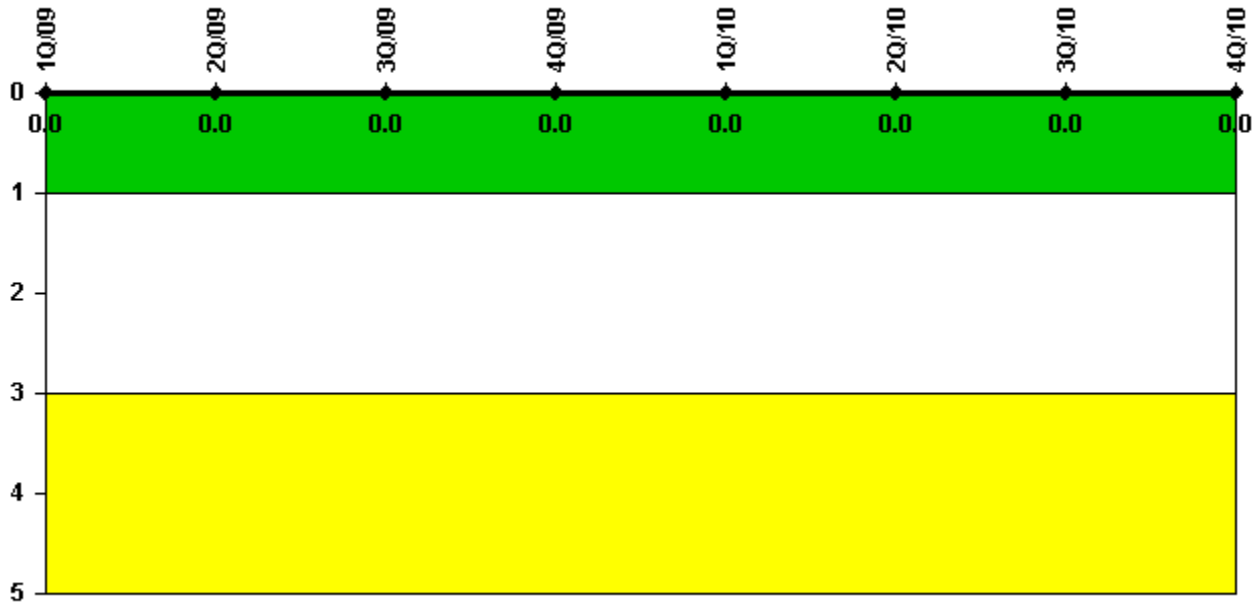
**Thresholds: White > 2.0 Yellow > 5.0**

## Notes

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