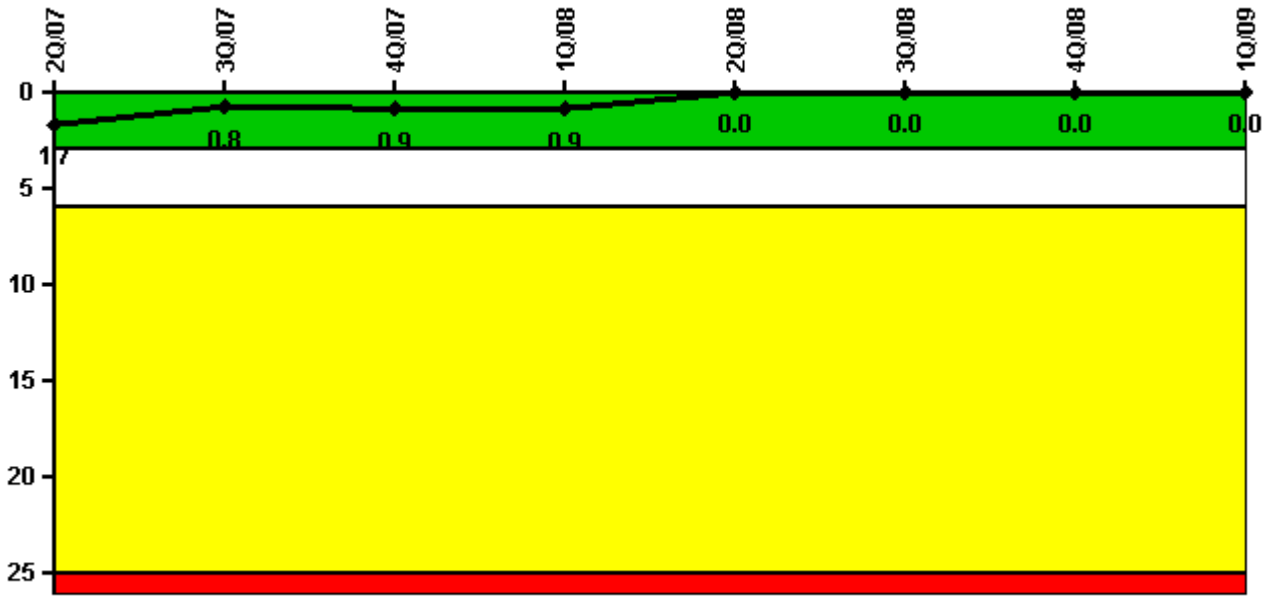


# Dresden 2

## 1Q/2009 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



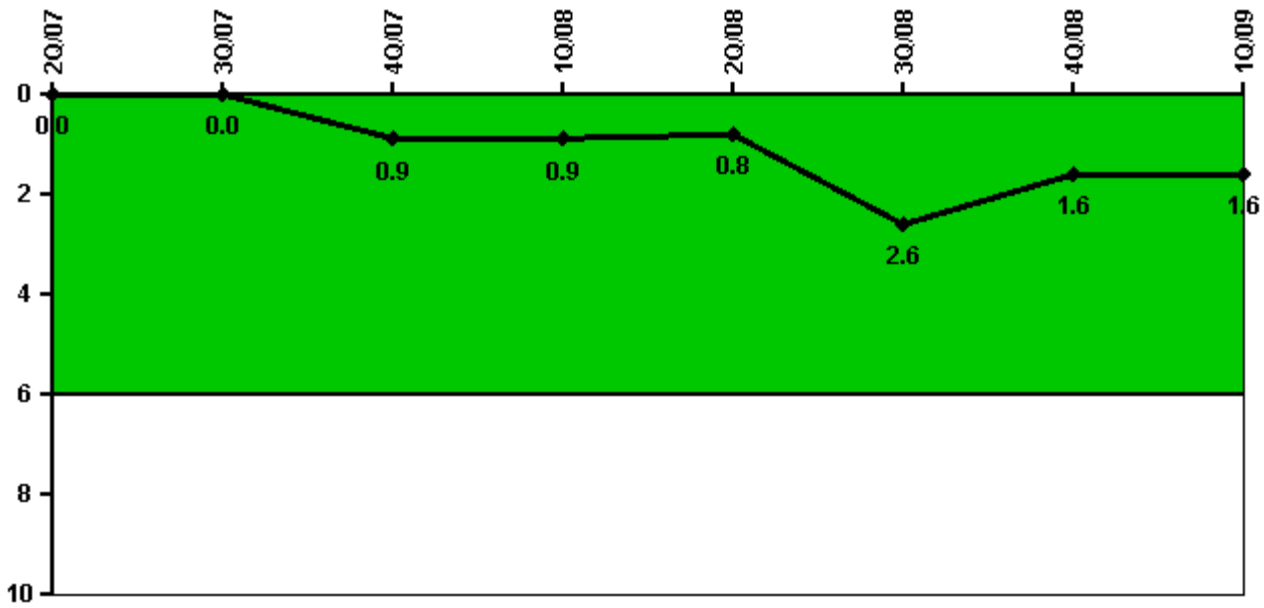
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Unplanned scrams	1.0	0	0	0	0	0	0	0
Critical hours	2117.1	2208.0	1723.9	2183.0	2184.0	2087.4	2209.0	2159.0
Indicator value	1.7	0.8	0.9	0.9	0	0	0	0

Licensee Comments: none

## Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

### Notes

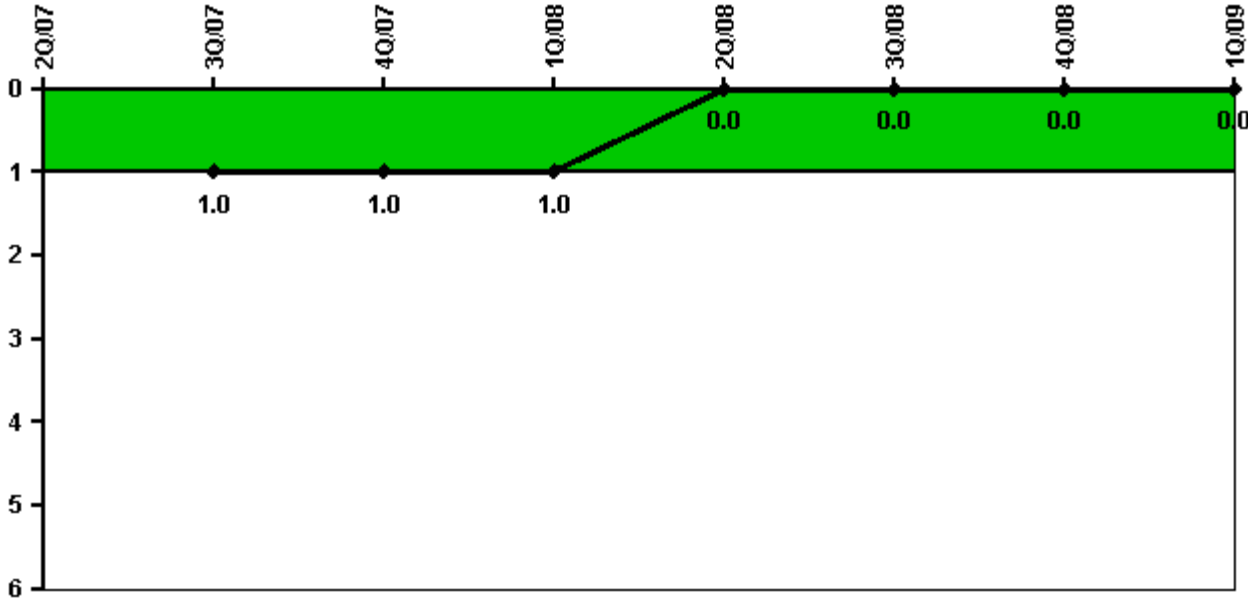
Unplanned Power Changes per 7000 Critical Hrs	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Unplanned power changes	0	0	1.0	0	0	2.0	0	0
Critical hours	2117.1	2208.0	1723.9	2183.0	2184.0	2087.4	2209.0	2159.0
Indicator value	0	0	0.9	0.9	0.8	2.6	1.6	1.6

Licensee Comments:

1Q/09: On 4/13/09, a downpower for isolation condenser decay heat removal capacity testing on 9/12/08 was reclassified from Planned to Unplanned due to absence of supporting documentation for the original determination that the downpower was Planned. This change did not affect the indicator color, which remains Green.

3Q/08: On 4/13/09, a downpower for isolation condenser decay heat removal capacity testing on 9/12/08 was reclassified from Planned to Unplanned due to absence of supporting documentation for the original determination that the downpower was Planned. This change did not affect the indicator color, which remains Green.

# Unplanned Scrams with Complications



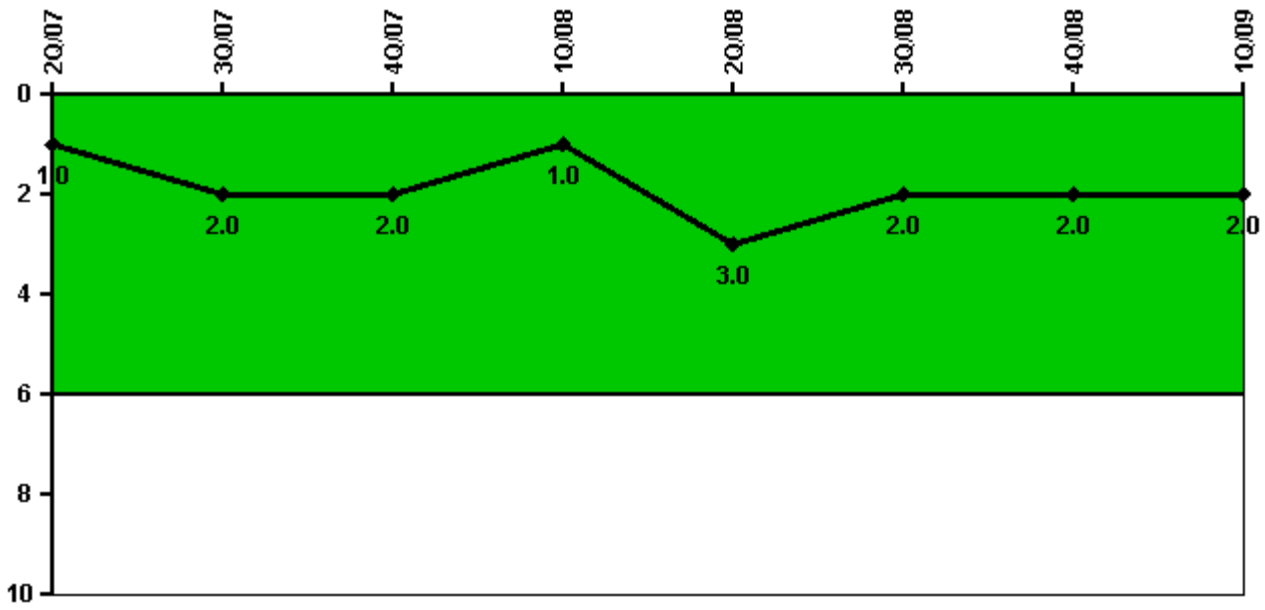
Thresholds: White > 1.0

**Notes**

Unplanned Scrams with Complications	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Scrams with complications	1.0	0	0	0	0	0	0	0
Indicator value		1.0	1.0	1.0	0.0	0.0	0.0	0.0

Licensee Comments: none

## Safety System Functional Failures (BWR)



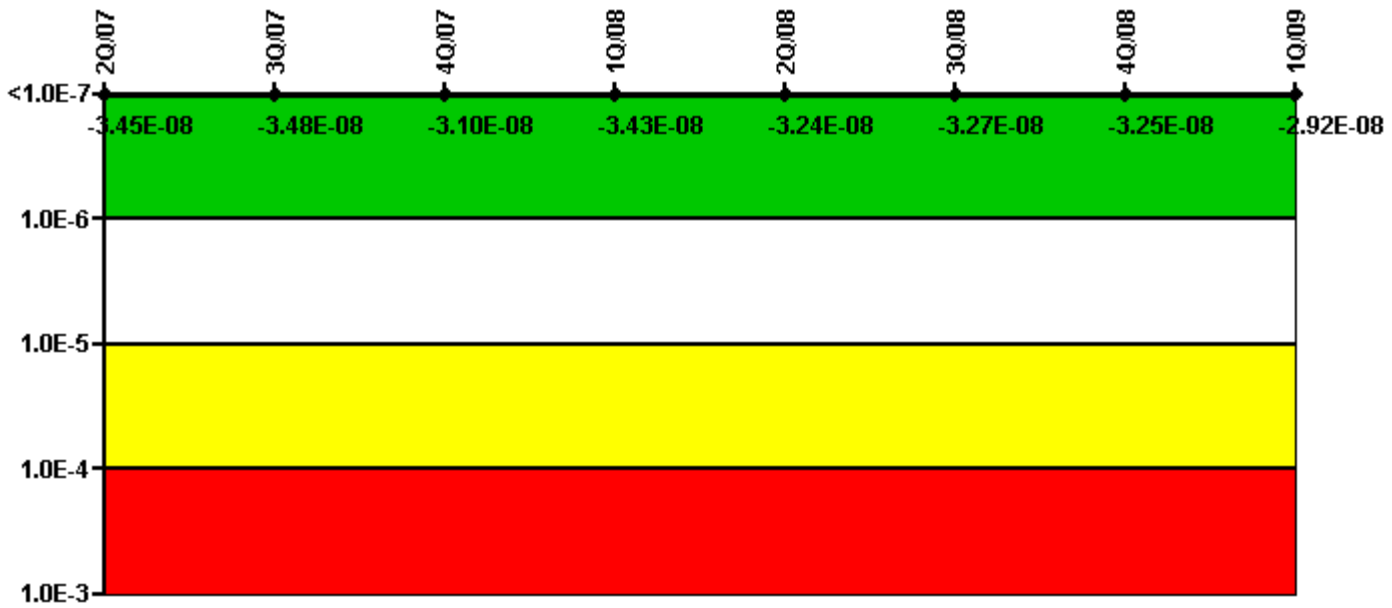
Thresholds: White > 6.0

### Notes

Safety System Functional Failures (BWR)	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Safety System Functional Failures	0	1	0	0	2	0	0	0
Indicator value	1	2	2	1	3	2	2	2

Licensee Comments: none

# Mitigating Systems Performance Index, Emergency AC Power System



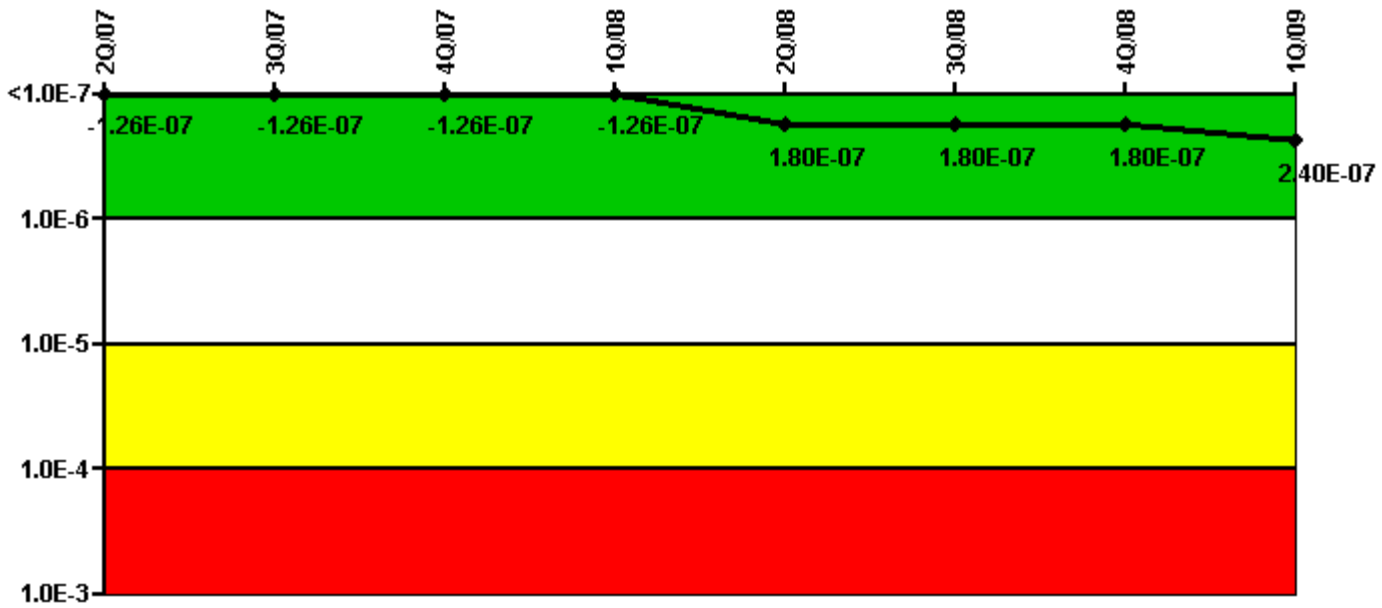
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI (ΔCDF)	2.50E-09	2.20E-09	6.00E-09	7.20E-10	5.90E-10	3.50E-10	5.20E-10	5.80E-09
URI (ΔCDF)	-3.70E-08	-3.70E-08	-3.70E-08	-3.50E-08	-3.30E-08	-3.30E-08	-3.30E-08	-3.50E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.45E-08	-3.48E-08	-3.10E-08	-3.43E-08	-3.24E-08	-3.27E-08	-3.25E-08	-2.92E-08

Licensee Comments: none

# Mitigating Systems Performance Index, High Pressure Injection System



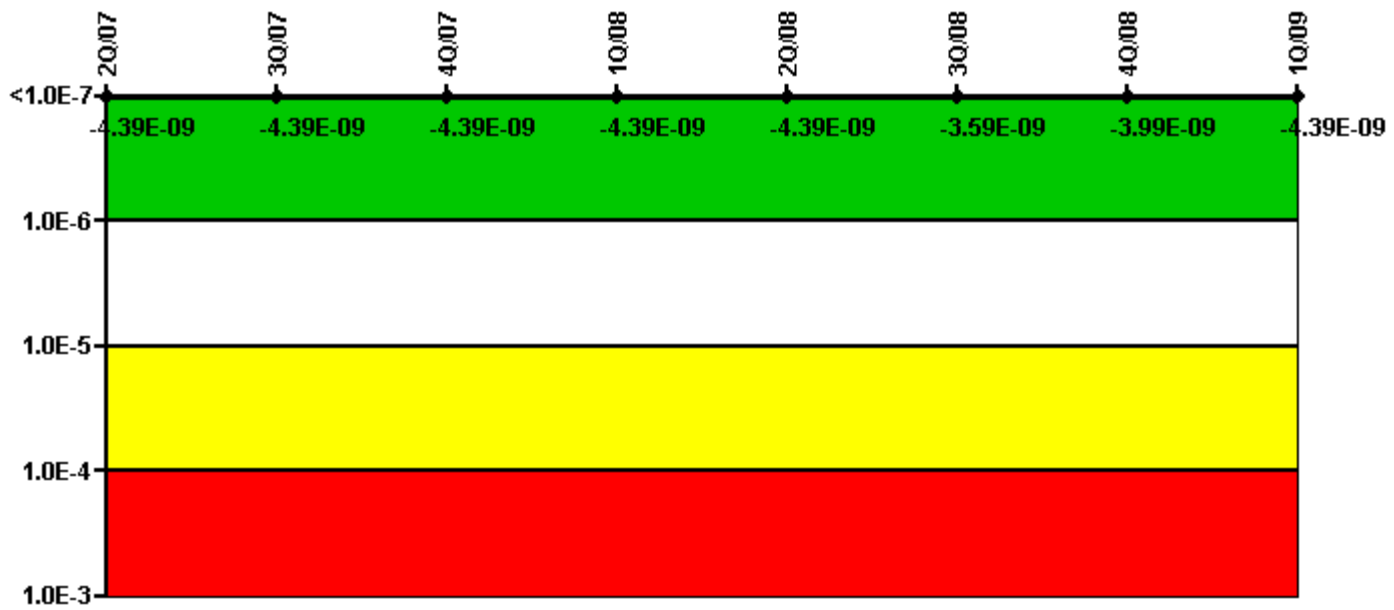
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI ( $\Delta$ CDF)	-5.20E-08	-5.20E-08	-5.20E-08	-5.20E-08	-4.00E-08	-4.00E-08	-4.00E-08	-4.00E-08
URI ( $\Delta$ CDF)	-7.40E-08	-7.40E-08	-7.40E-08	-7.40E-08	2.20E-07	2.20E-07	2.20E-07	2.80E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.26E-07	-1.26E-07	-1.26E-07	-1.26E-07	1.80E-07	1.80E-07	1.80E-07	2.40E-07

Licensee Comments: none

# Mitigating Systems Performance Index, Heat Removal System



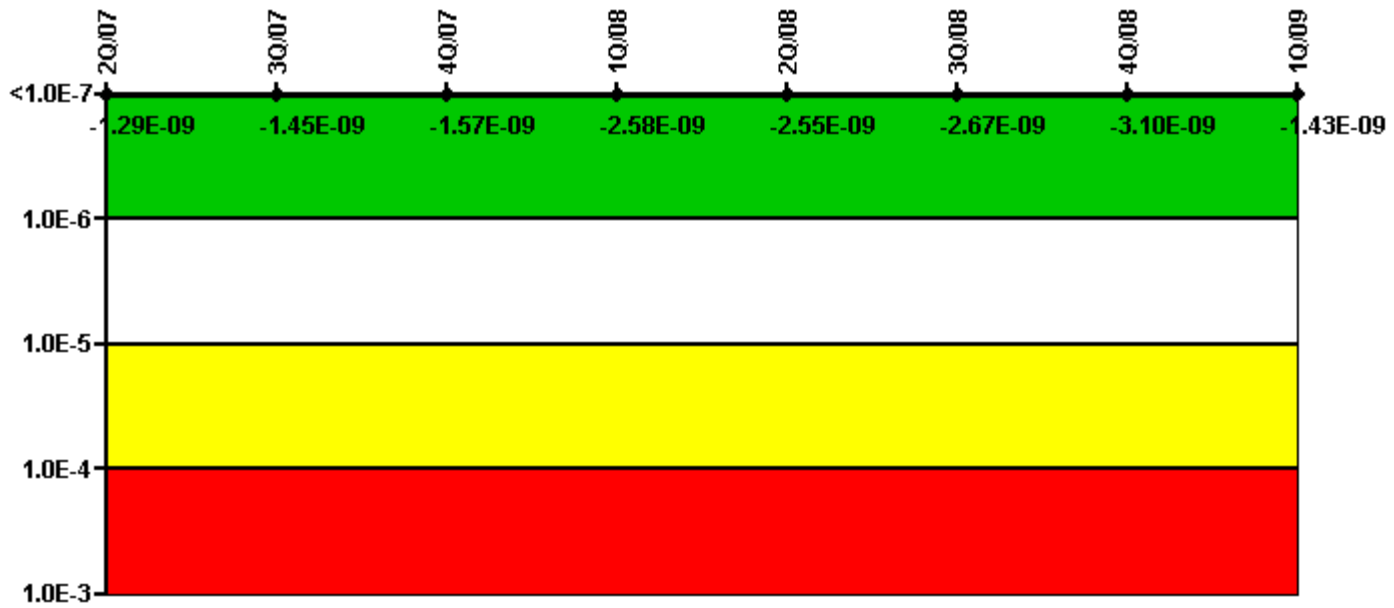
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI ( $\Delta$ CDF)	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-3.50E-09	-3.90E-09	-4.30E-09
URI ( $\Delta$ CDF)	-8.80E-11	-8.80E-11	-8.80E-11	-8.80E-11	-8.80E-11	-8.80E-11	-8.80E-11	-8.80E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.39E-09	-4.39E-09	-4.39E-09	-4.39E-09	-4.39E-09	-3.59E-09	-3.99E-09	-4.39E-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

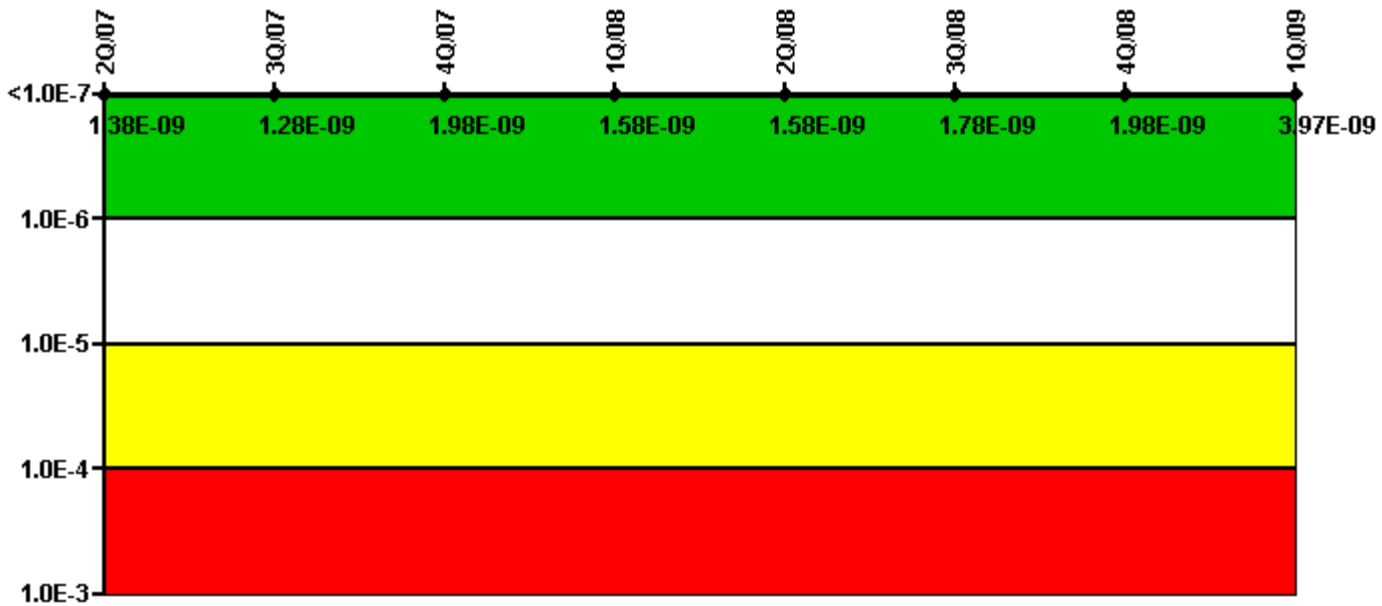
## Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI ( $\Delta$ CDF)	4.10E-10	2.50E-10	1.30E-10	-8.80E-10	-7.50E-10	-7.70E-10	-1.20E-09	5.70E-10
URI ( $\Delta$ CDF)	-1.70E-09	-1.70E-09	-1.70E-09	-1.70E-09	-1.80E-09	-1.90E-09	-1.90E-09	-2.00E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.29E-09	-1.45E-09	-1.57E-09	-2.58E-09	-2.55E-09	-2.67E-09	-3.10E-09	-1.43E-09

Licensee Comments: none



# Mitigating Systems Performance Index, Cooling Water Systems



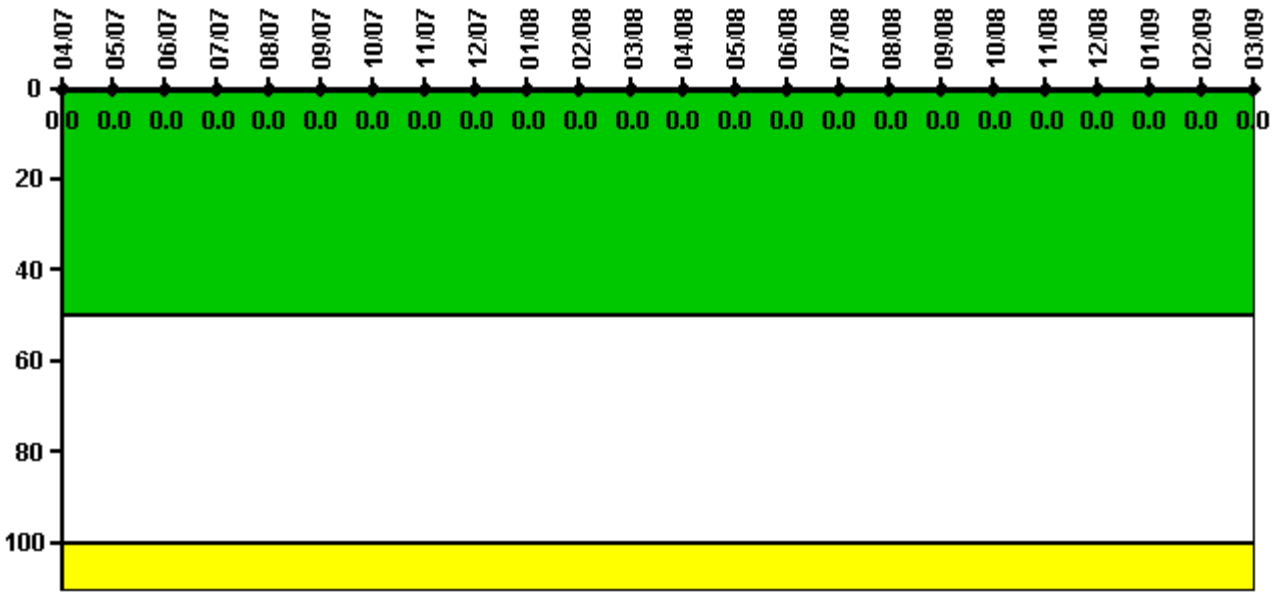
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI ( $\Delta$ CDF)	1.40E-09	1.30E-09	2.00E-09	1.60E-09	1.60E-09	1.80E-09	2.00E-09	4.00E-09
URI ( $\Delta$ CDF)	-2.30E-11	-2.30E-11	-2.20E-11	-2.20E-11	-2.40E-11	-2.50E-11	-2.50E-11	-2.60E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.38E-09	1.28E-09	1.98E-09	1.58E-09	1.58E-09	1.78E-09	1.98E-09	3.97E-09

Licensee Comments: none

## Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

### Notes

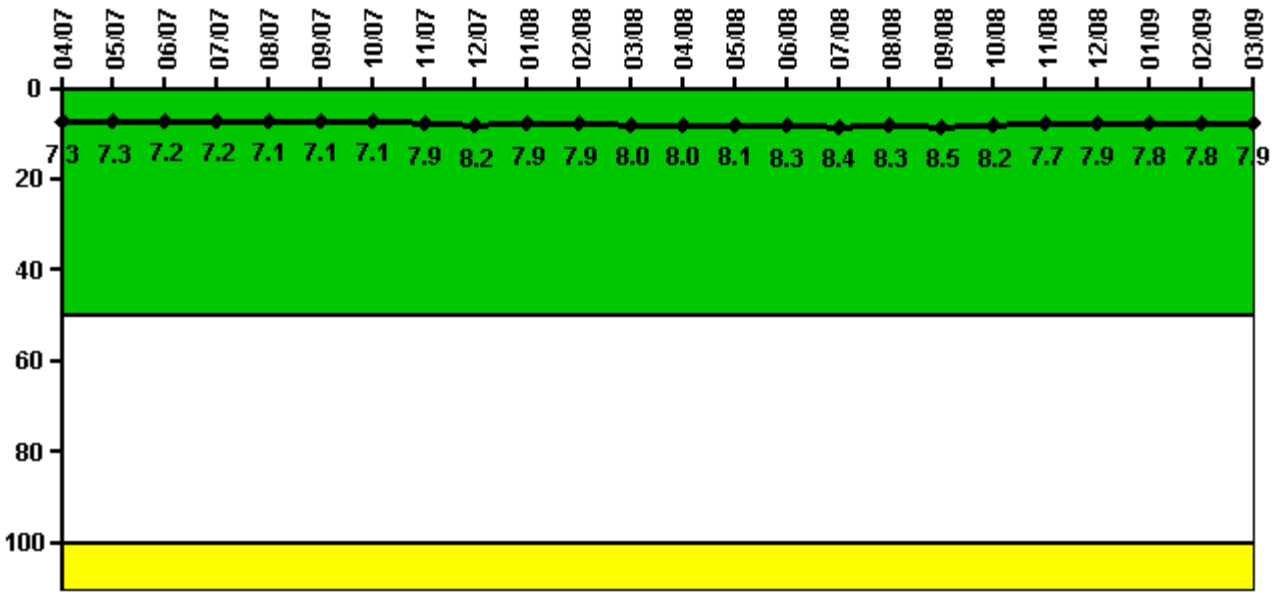
Reactor Coolant System Activity	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08
Maximum activity	0.000003	0.000007	0.000009	0.000004	0.000003	0.000005	0.000005	0.000008	0.000006	0.000006	0.000025	0.000003
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	4/08	5/08	6/08	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09
Maximum activity	0.000003	0.000003	0.000002	0.000002	0.000003	0.000002	0.000003	0.000003	0.000003	0.000002	0.000002	0.000003
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



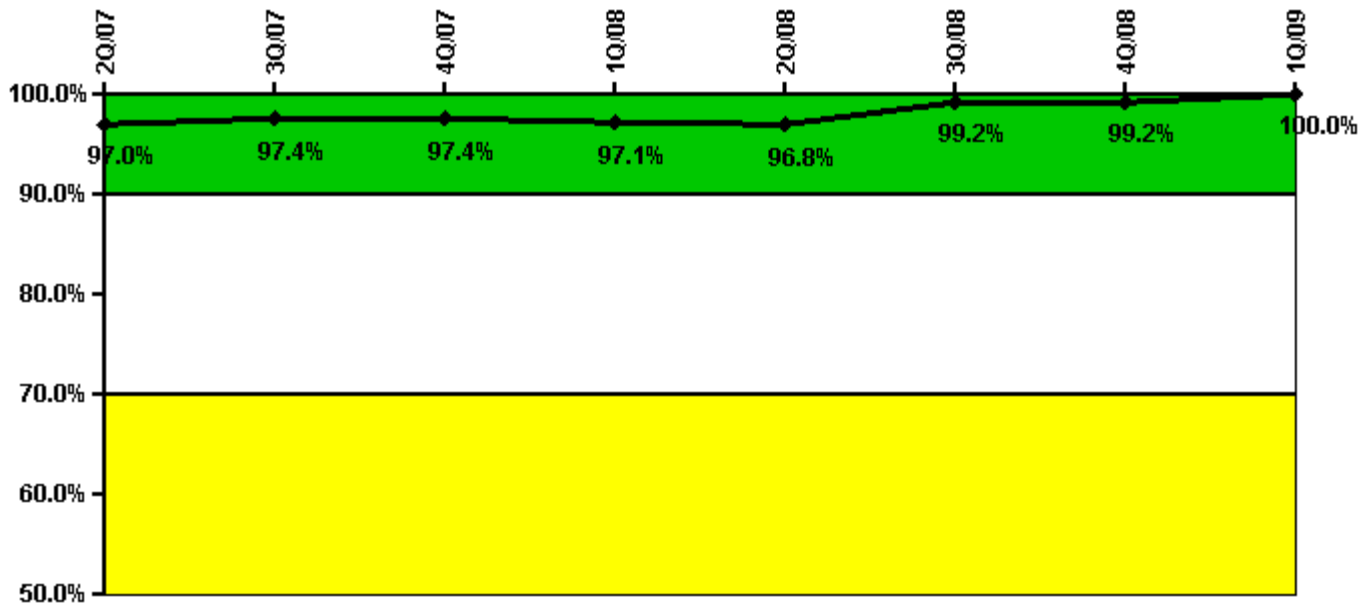
Thresholds: White > 50.0 Yellow > 100.0

### Notes

Reactor Coolant System Leakage	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08
Maximum leakage	1.817	1.813	1.792	1.805	1.785	1.773	1.785	1.983	2.042	1.967	1.983	1.995
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	7.2	7.2	7.1	7.1	7.1	7.9	8.2	7.9	7.9	8.0
Reactor Coolant System Leakage	4/08	5/08	6/08	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09
Maximum leakage	1.995	2.030	2.080	2.105	2.083	2.115	2.045	1.928	1.973	1.942	1.950	1.980
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	8.0	8.1	8.3	8.4	8.3	8.5	8.2	7.7	7.9	7.8	7.8	7.9

Licensee Comments: none

## Drill/Exercise Performance



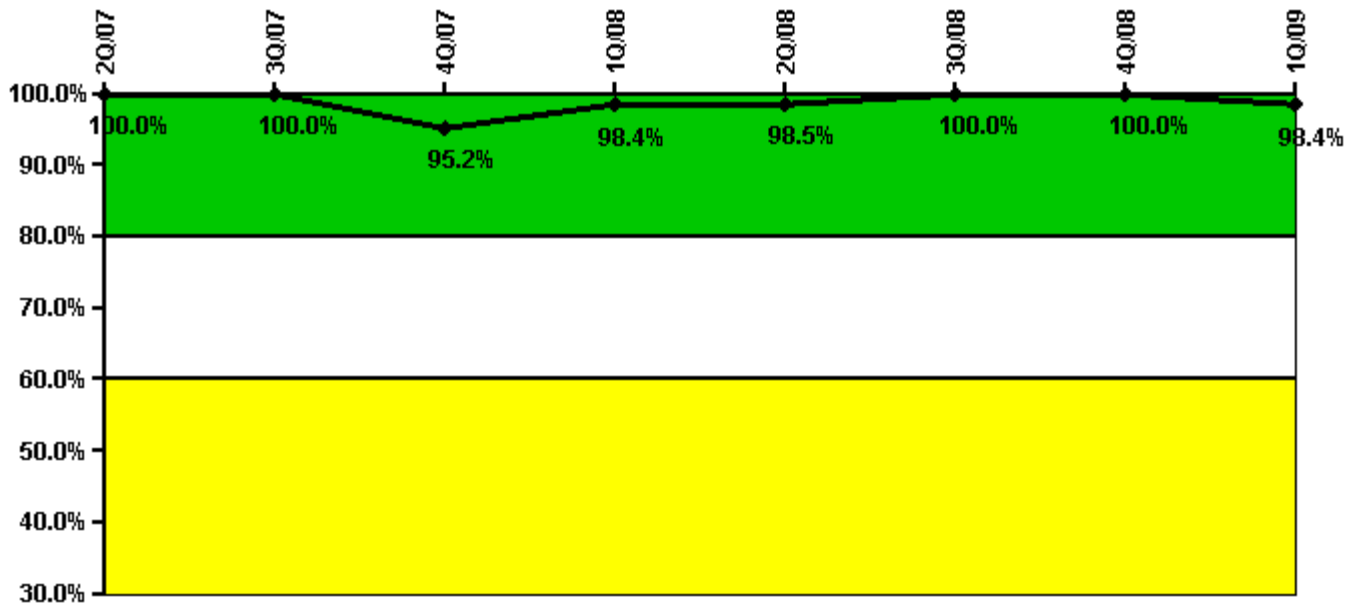
Thresholds: White < 90.0% Yellow < 70.0%

### Notes

Drill/Exercise Performance	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Successful opportunities	54.0	40.0	2.0	24.0	16.0	40.0	24.0	44.0
Total opportunities	54.0	40.0	2.0	24.0	16.0	40.0	24.0	44.0
Indicator value	97.0%	97.4%	97.4%	97.1%	96.8%	99.2%	99.2%	100.0%

Licensee Comments: none

## ERO Drill Participation



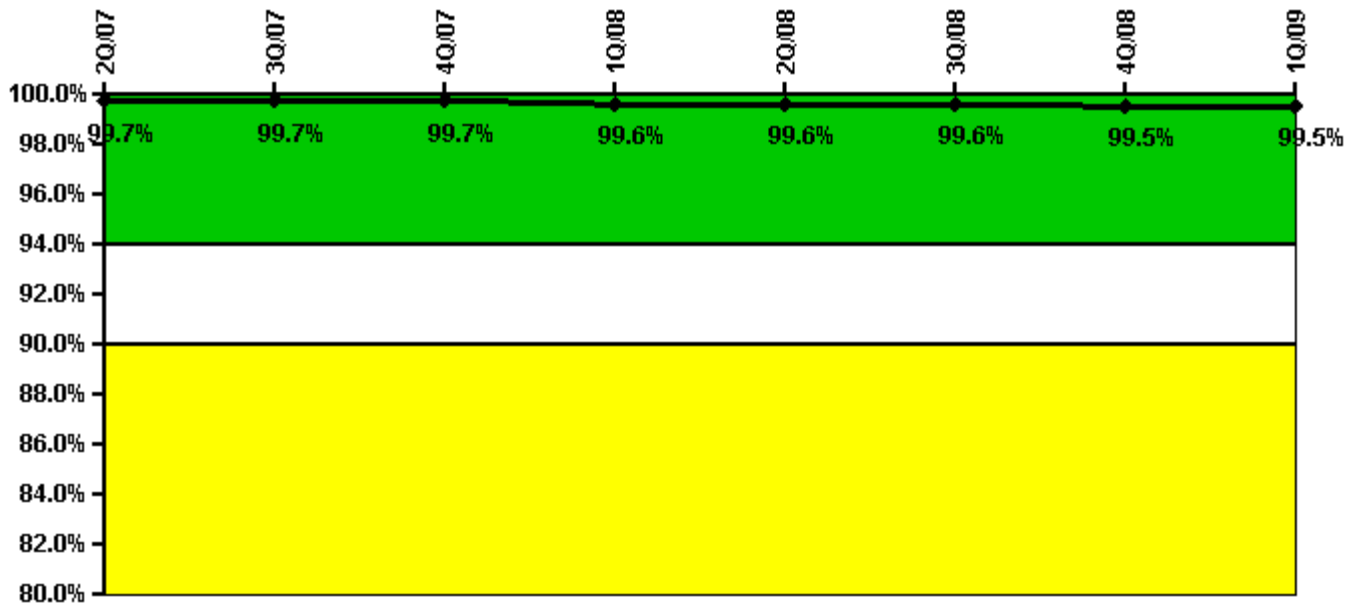
Thresholds: White < 80.0% Yellow < 60.0%

### Notes

ERO Drill Participation	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Participating Key personnel	65.0	63.0	60.0	62.0	67.0	64.0	64.0	63.0
Total Key personnel	65.0	63.0	63.0	63.0	68.0	64.0	64.0	64.0
Indicator value	100.0%	100.0%	95.2%	98.4%	98.5%	100.0%	100.0%	98.4%

Licensee Comments: none

## Alert & Notification System



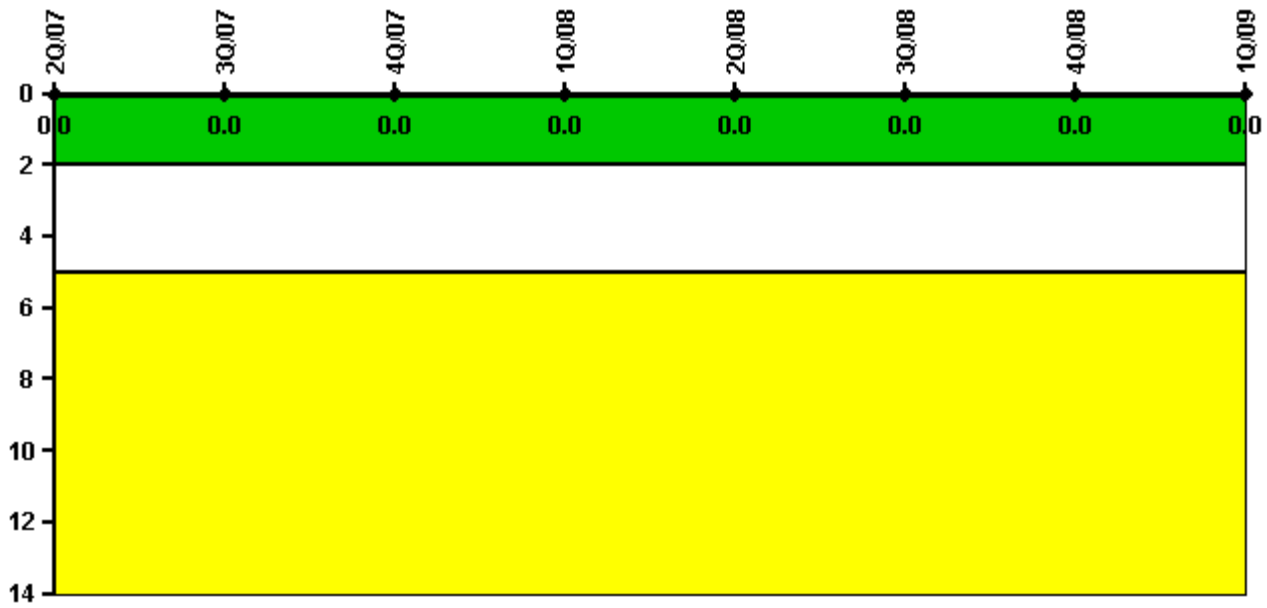
Thresholds: White < 94.0% Yellow < 90.0%

### Notes

Alert & Notification System	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Successful siren-tests	4977	4961	4982	4970	4972	5037	4963	4900
Total sirens-tests	4990	4992	4992	4992	4992	5070	4992	4914
Indicator value	99.7%	99.7%	99.7%	99.6%	99.6%	99.6%	99.5%	99.5%

Licensee Comments: none

# Occupational Exposure Control Effectiveness



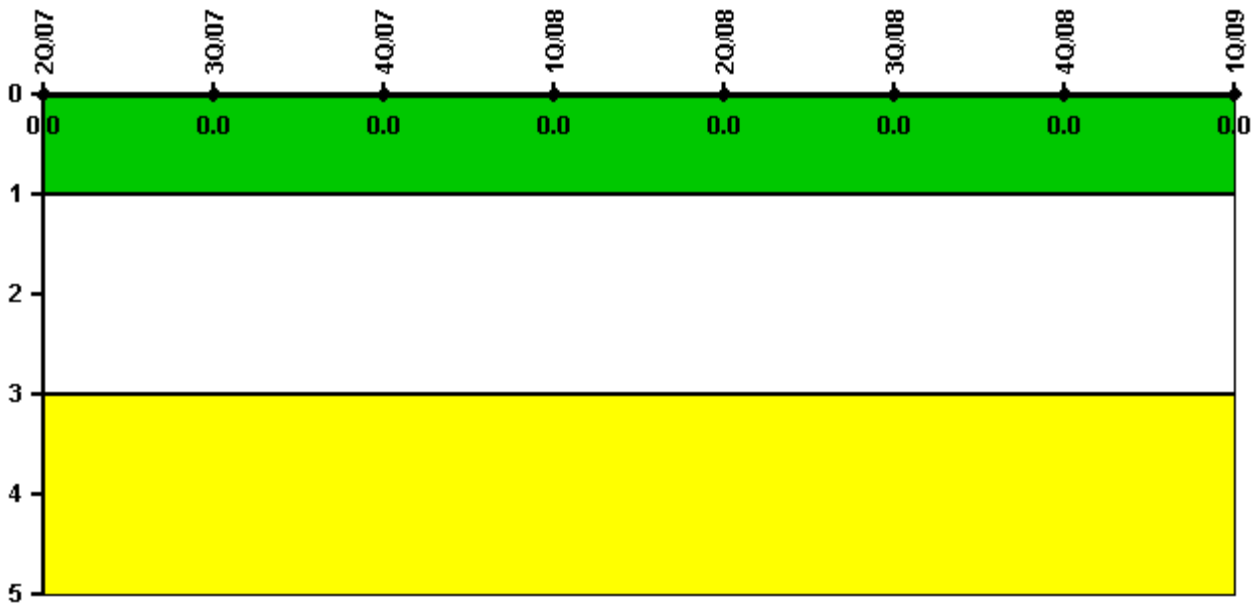
Thresholds: White > 2.0 Yellow > 5.0

## Notes

Occupational Exposure Control Effectiveness	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
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
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

## RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

### Notes

RETS/ODCM Radiological Effluent	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
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.