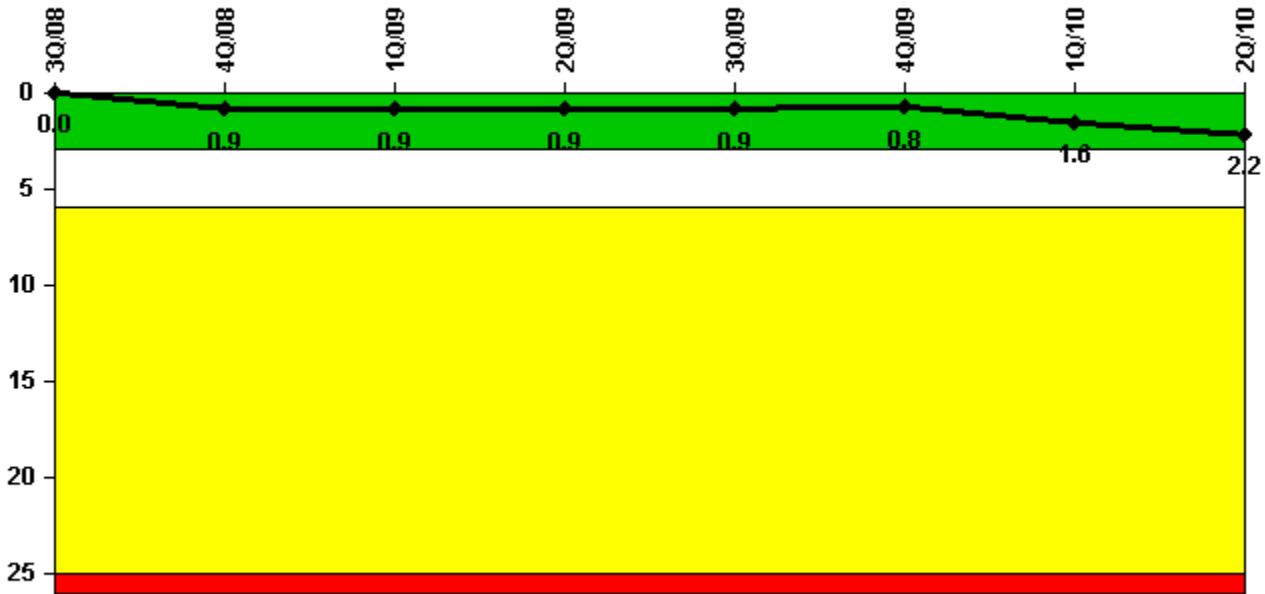


# Robinson 2

## 2Q/2010 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



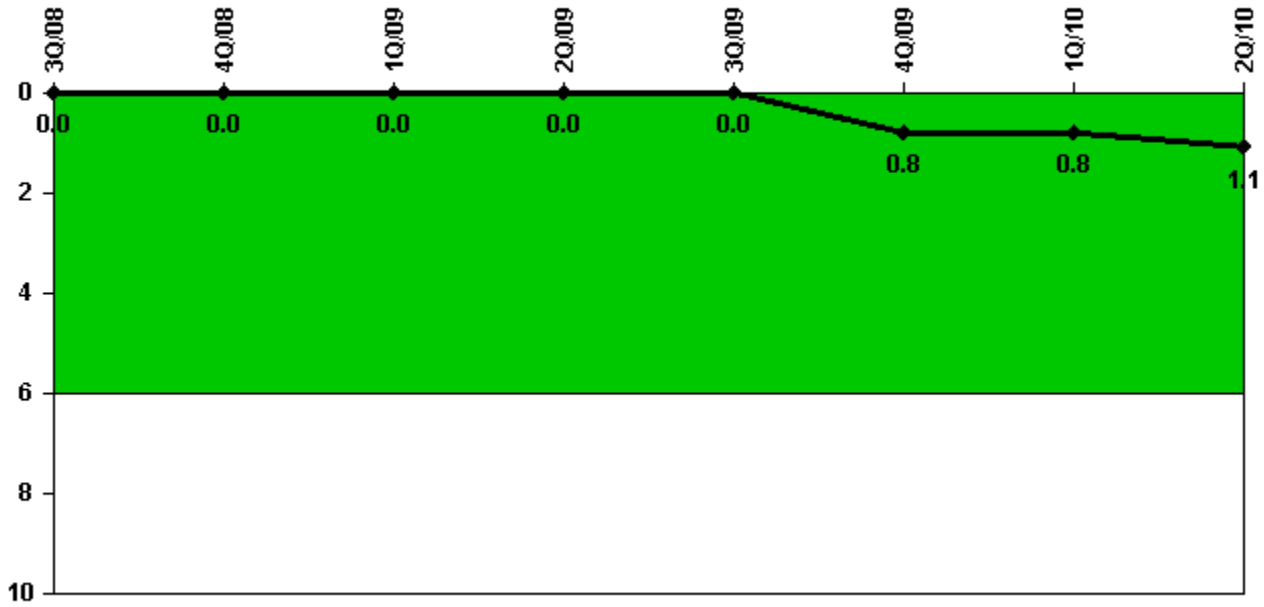
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Unplanned scrams	0	1.0	0	0	0	1.0	1.0	0
Critical hours	2088.8	978.3	2159.0	2165.5	2208.0	2163.9	2081.9	0
Indicator value	0	0.9	0.9	0.9	0.9	0.8	1.6	2.2

Licensee Comments: none

## Unplanned Power Changes per 7000 Critical Hrs



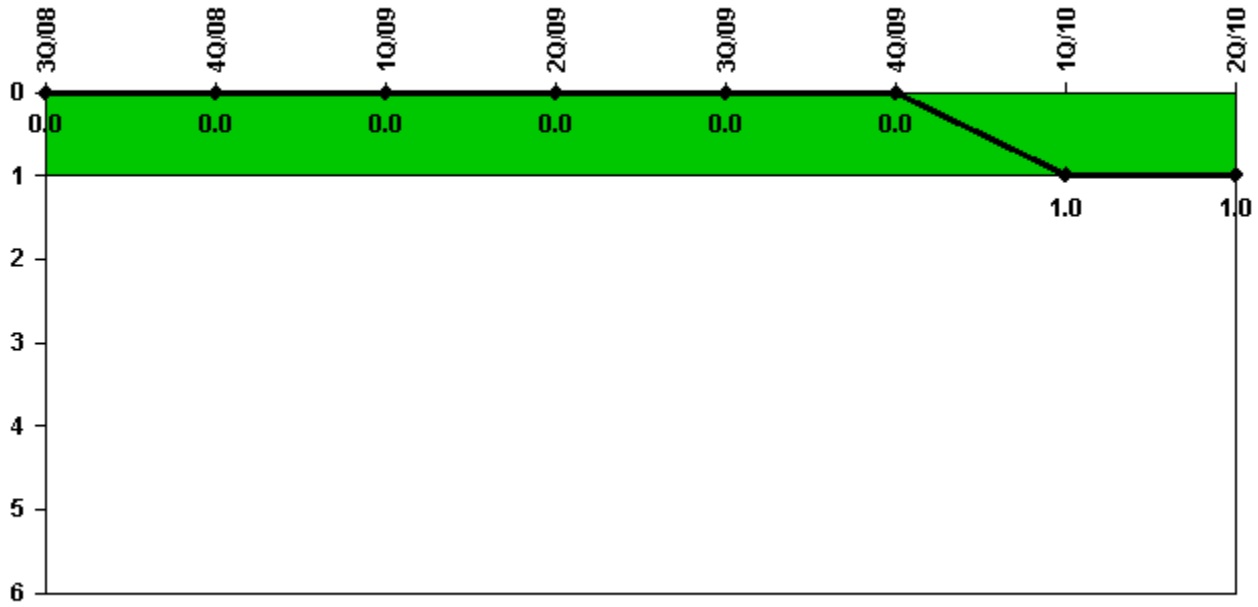
Thresholds: White > 6.0

### Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Unplanned power changes	0	0	0	0	0	1.0	0	0
Critical hours	2088.8	978.3	2159.0	2165.5	2208.0	2163.9	2081.9	0
Indicator value	0	0	0	0	0	0.8	0.8	1.1

Licensee Comments: none

# Unplanned Scrams with Complications



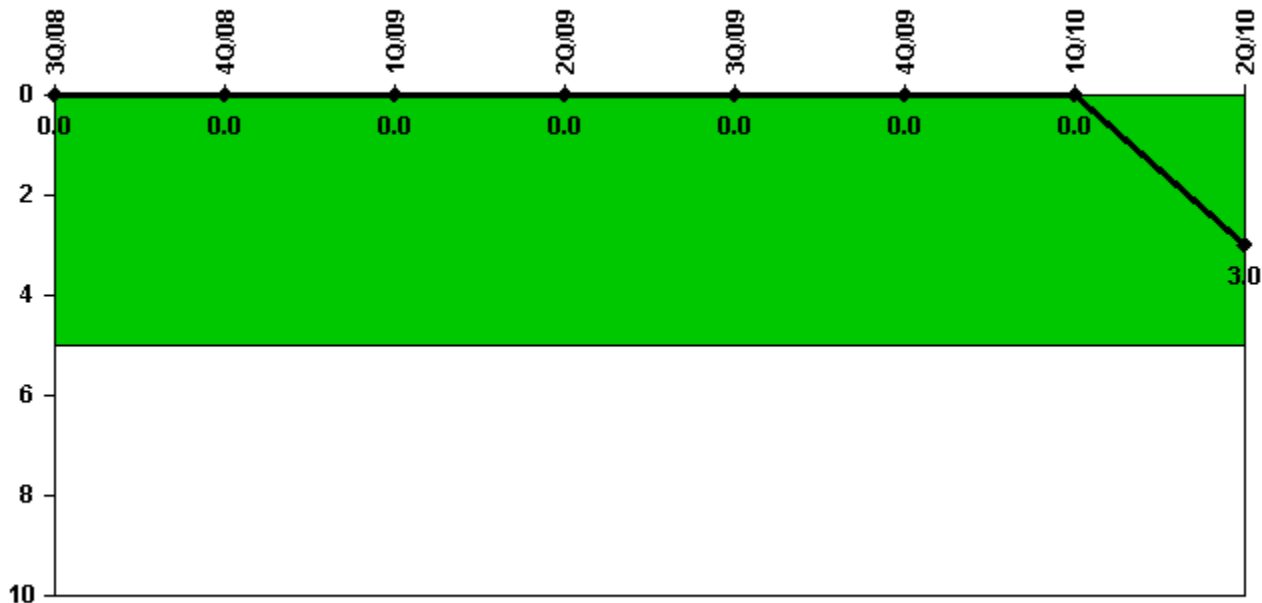
Thresholds: White > 1.0

## Notes

Unplanned Scrams with Complications	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Scrams with complications	0	0	0	0	0	0	1.0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0

Licensee Comments: none

## Safety System Functional Failures (PWR)



Thresholds: White > 5.0

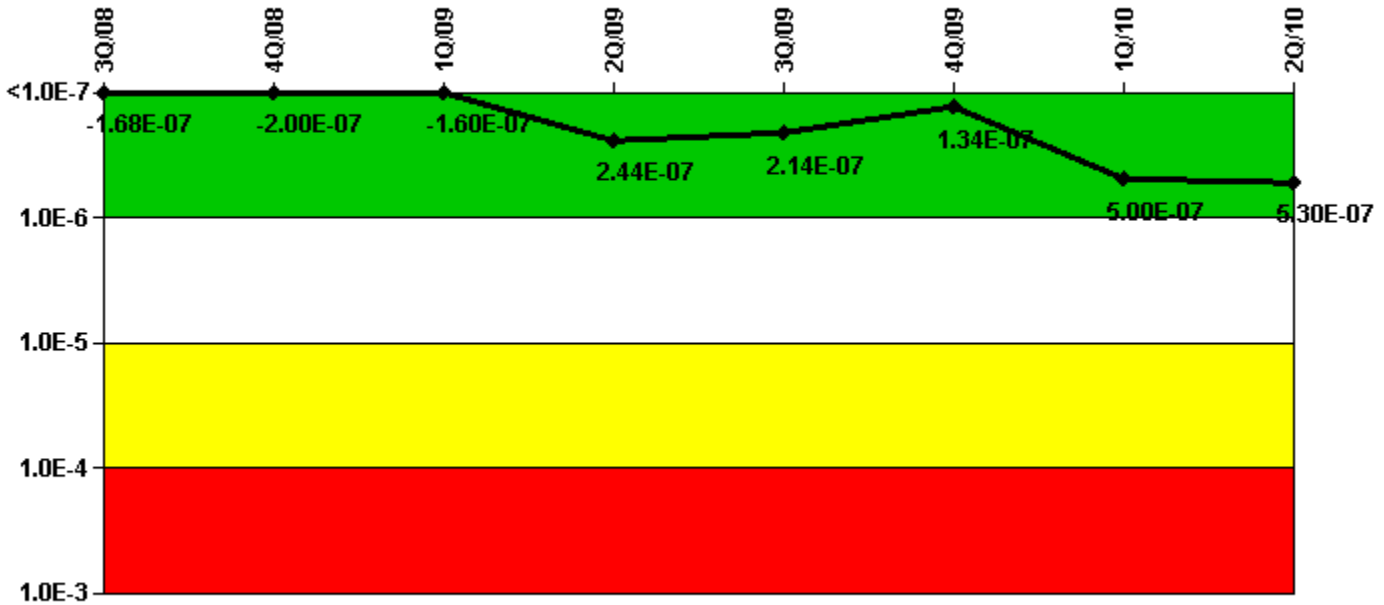
### Notes

Safety System Functional Failures (PWR)	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Safety System Functional Failures	0	0	0	0	0	0	0	3
Indicator value	0	0	0	0	0	0	0	3

Licensee Comments:

2Q/10: LER 2010-001-00, "Emergency Diesel Generator Inoperable in Excess of Technical Specifications Completion Time Due to Output Breaker Failure." LER 2010-003-00, "Potential Loss of RHR System Safety Function in Modes 3 and 4 due to void formation" LER 2010-004-00, "Clearance Error Results in the 'A' EDG Becoming Inoperable"

# Mitigating Systems Performance Index, Emergency AC Power System



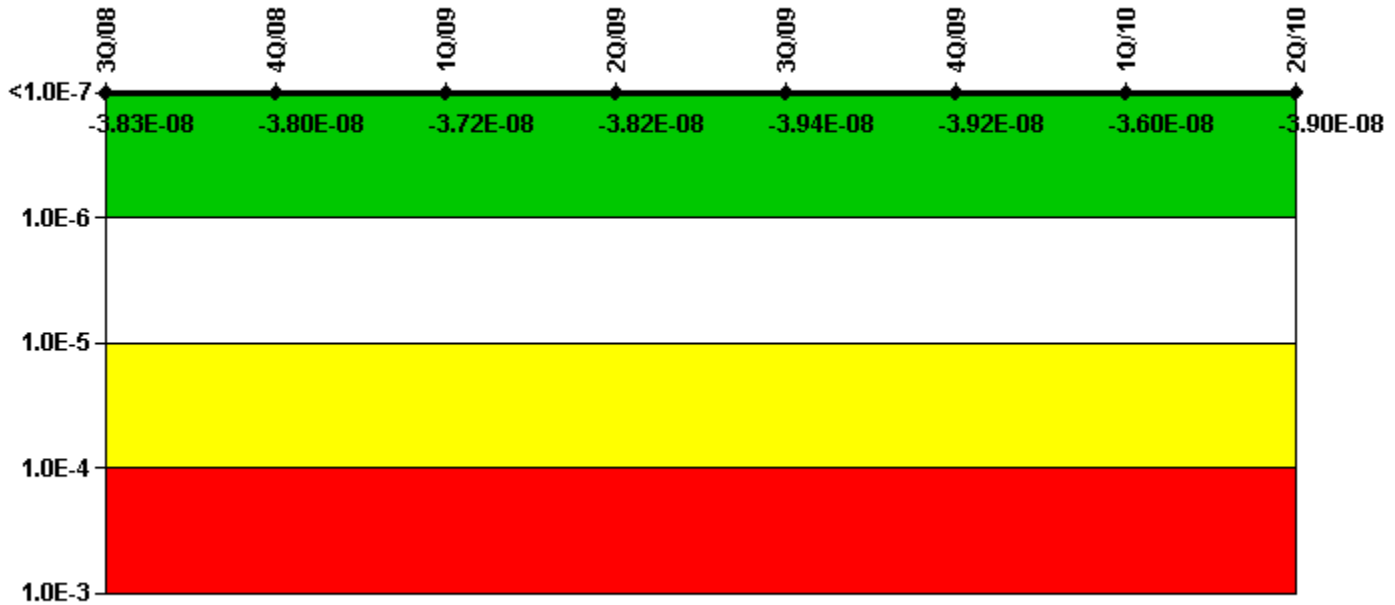
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (ΔCDF)	7.20E-08	1.70E-07	2.10E-07	2.40E-07	2.10E-07	1.30E-07	1.63E-07	1.91E-07
URI (ΔCDF)	-2.40E-07	-3.70E-07	-3.70E-07	3.50E-09	3.50E-09	3.50E-09	3.37E-07	3.37E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.68E-07	-2.00E-07	-1.60E-07	2.44E-07	2.14E-07	1.34E-07	5.00E-07	5.30E-07

Licensee Comments: none

# Mitigating Systems Performance Index, High Pressure Injection System



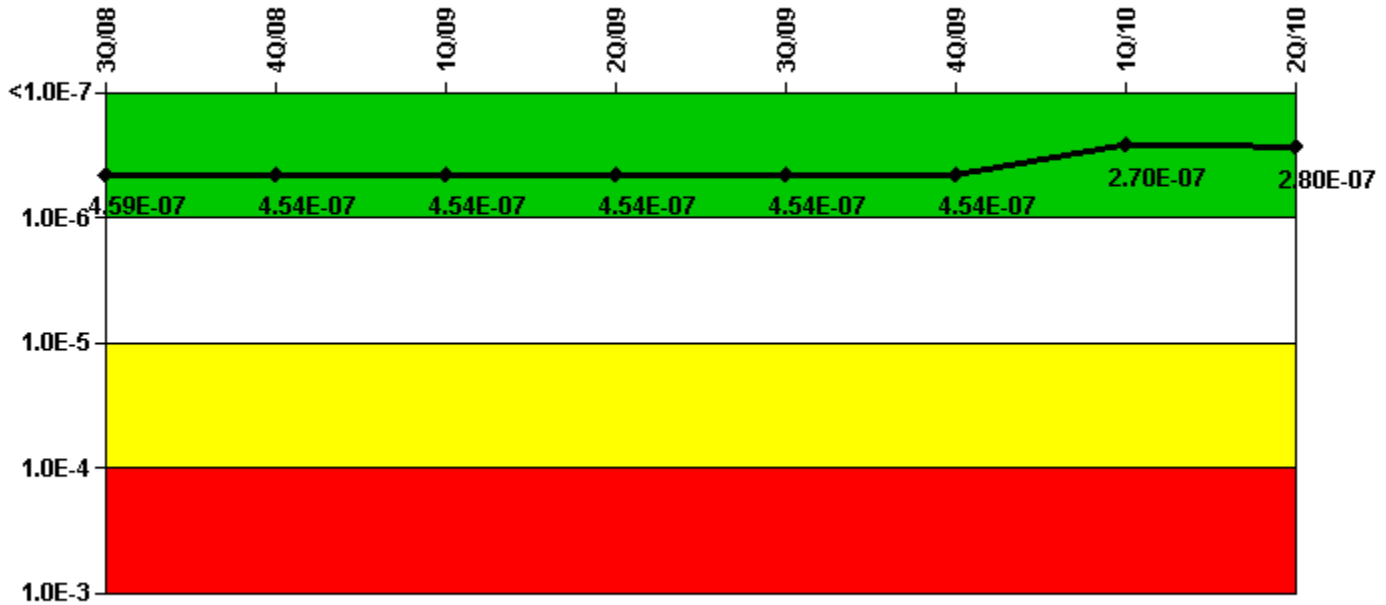
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI ( $\Delta$ CDF)	-5.30E-09	-5.00E-09	-4.20E-09	-5.20E-09	-6.40E-09	-6.20E-09	-3.06E-09	-6.39E-09
URI ( $\Delta$ CDF)	-3.30E-08	-3.30E-08	-3.30E-08	-3.30E-08	-3.30E-08	-3.30E-08	-3.31E-08	-3.31E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.83E-08	-3.80E-08	-3.72E-08	-3.82E-08	-3.94E-08	-3.92E-08	-3.60E-08	-3.90E-08

Licensee Comments: none

# Mitigating Systems Performance Index, Heat Removal System



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

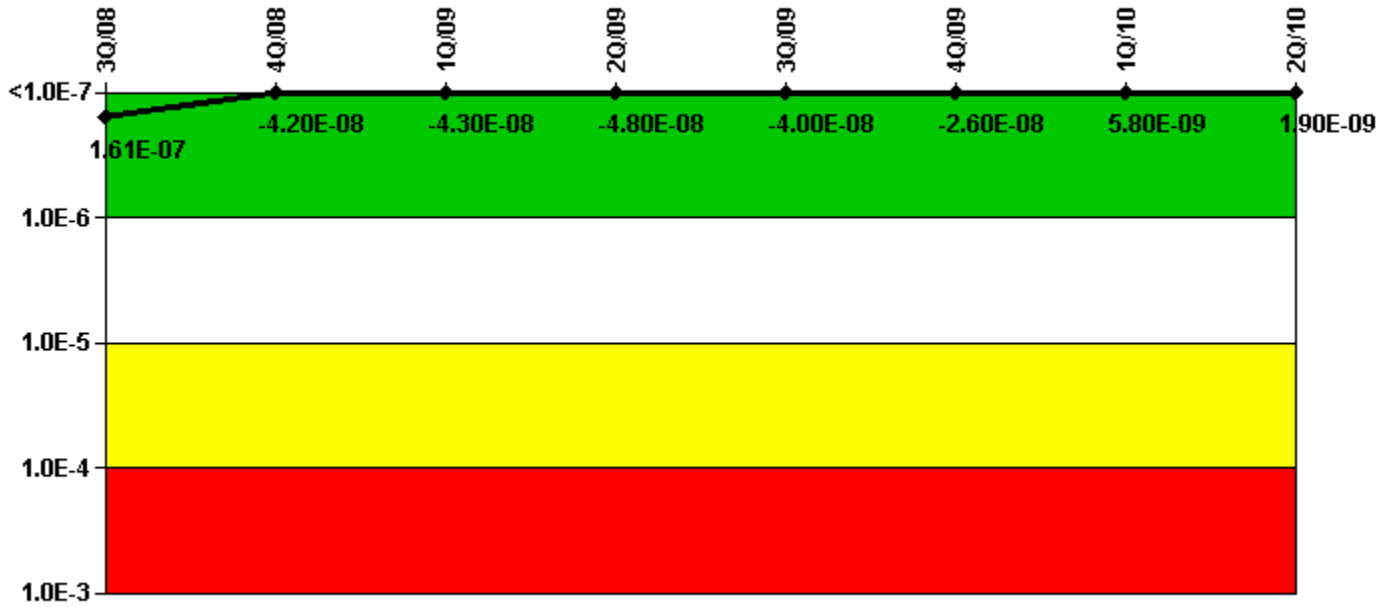
## Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI ( $\Delta$ CDF)	2.90E-08	3.40E-08	3.40E-08	3.40E-08	3.40E-08	3.40E-08	-2.36E-08	-2.27E-08
URI ( $\Delta$ CDF)	4.30E-07	4.20E-07	4.20E-07	4.20E-07	4.20E-07	4.20E-07	2.98E-07	3.02E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.59E-07	4.54E-07	4.54E-07	4.54E-07	4.54E-07	4.54E-07	2.70E-07	2.80E-07

Licensee Comments:

2Q/10: Risk Cap Invoked.

# Mitigating Systems Performance Index, Residual Heat Removal System



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

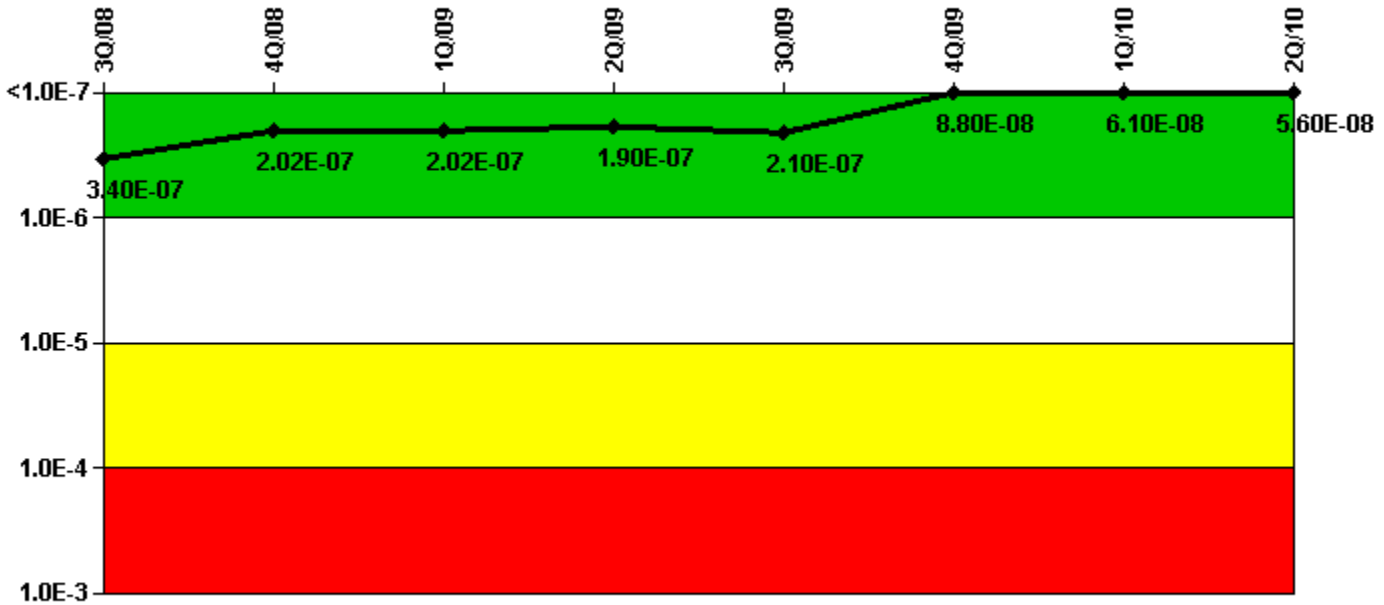
## Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI ( $\Delta$ CDF)	3.10E-08	4.00E-08	3.90E-08	3.40E-08	4.20E-08	5.60E-08	8.82E-08	8.43E-08
URI ( $\Delta$ CDF)	1.30E-07	-8.20E-08	-8.20E-08	-8.20E-08	-8.20E-08	-8.20E-08	-8.24E-08	-8.24E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.61E-07	-4.20E-08	-4.30E-08	-4.80E-08	-4.00E-08	-2.60E-08	5.80E-09	1.90E-09

Licensee Comments: none



# Mitigating Systems Performance Index, Cooling Water Systems



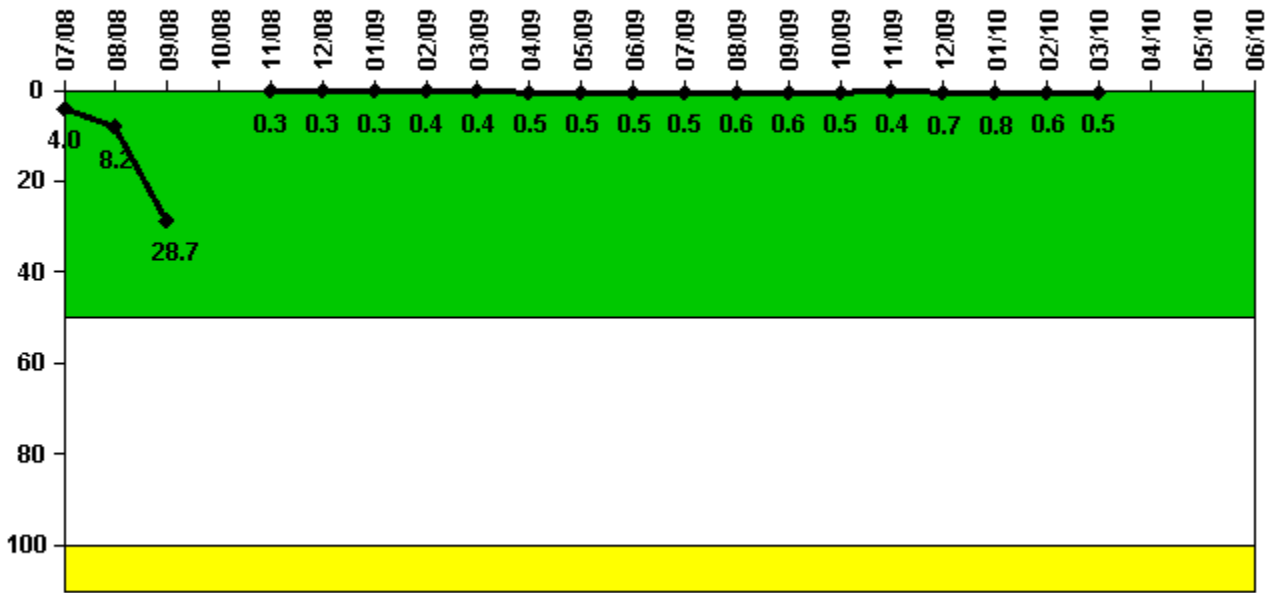
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (ΔCDF)	1.80E-07	1.80E-07	1.80E-07	1.70E-07	1.85E-07	6.64E-08	4.01E-08	3.55E-08
URI (ΔCDF)	1.60E-07	2.20E-08	2.20E-08	2.16E-08	2.16E-08	2.16E-08	2.09E-08	2.09E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.40E-07	2.02E-07	2.02E-07	1.90E-07	2.10E-07	8.80E-08	6.10E-08	5.60E-08

Licensee Comments: none

## Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

### Notes

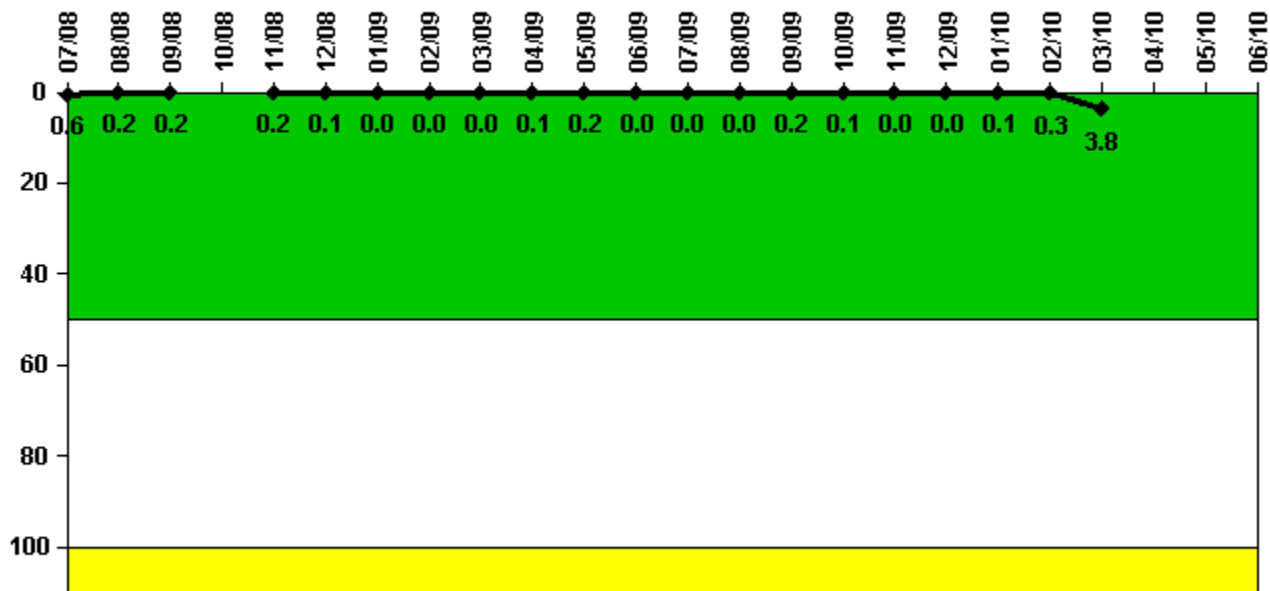
Reactor Coolant System Activity	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09	4/09	5/09	6/09
Maximum activity	0.010120	0.020520	0.071690	N/A	0.000654	0.000805	0.000874	0.000941	0.001085	0.001152	0.001271	0.001310
Technical specification limit	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Indicator value	4.0	8.2	28.7	N/A	0.3	0.3	0.3	0.4	0.4	0.5	0.5	0.5

Reactor Coolant System Activity	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10	4/10	5/10	6/10
Maximum activity	0.001361	0.001438	0.001524	0.001272	0.001068	0.001688	0.001977	0.001377	0.001345	N/A	N/A	N/A
Technical specification limit	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Indicator value	0.5	0.6	0.6	0.5	0.4	0.7	0.8	0.6	0.5	N/A	N/A	N/A

Licensee Comments: none

## Reactor Coolant System Leakage



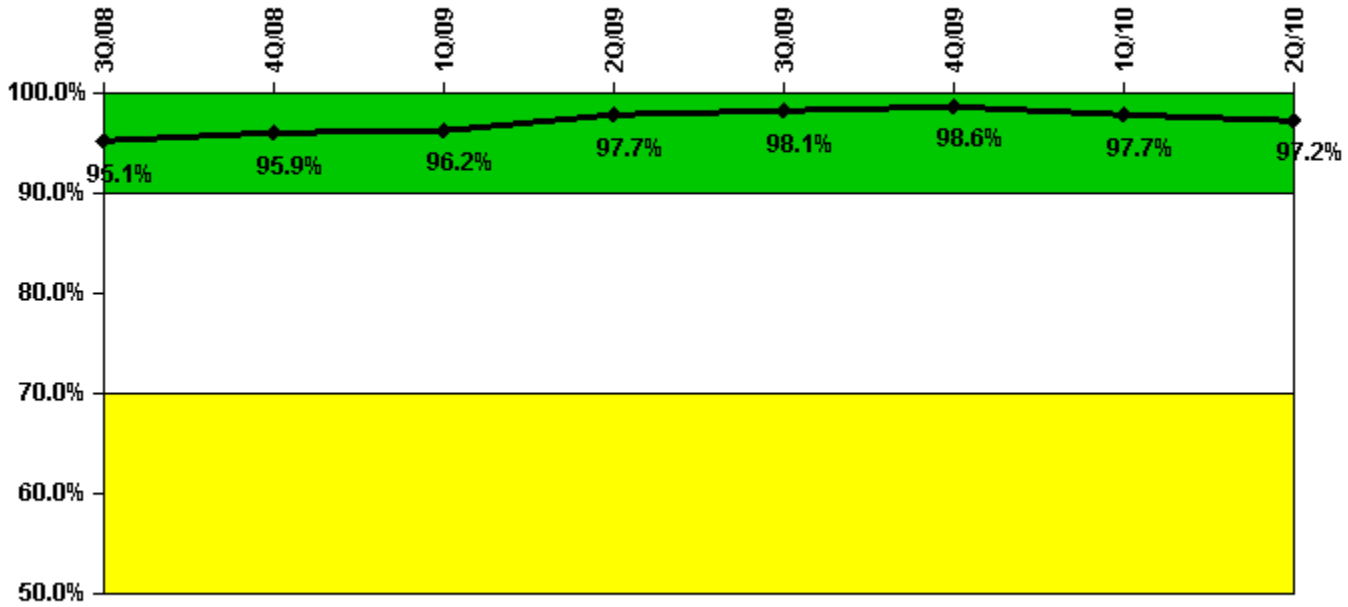
Thresholds: White > 50.0 Yellow > 100.0

### Notes

Reactor Coolant System Leakage	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09	4/09	5/09	6/09
Maximum leakage	0.060	0.020	0.020	N/A	0.020	0.010	0	0	0	0.010	0.020	0
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	0.6	0.2	0.2	N/A	0.2	0.1	0	0	0	0.1	0.2	0
Reactor Coolant System Leakage	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10	4/10	5/10	6/10
Maximum leakage	0	0	0.020	0.010	0	0	0.010	0.030	0.380	N/A	N/A	N/A
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	0	0.2	0.1	0	0	0.1	0.3	3.8	N/A	N/A	N/A

Licensee Comments: none

## Drill/Exercise Performance



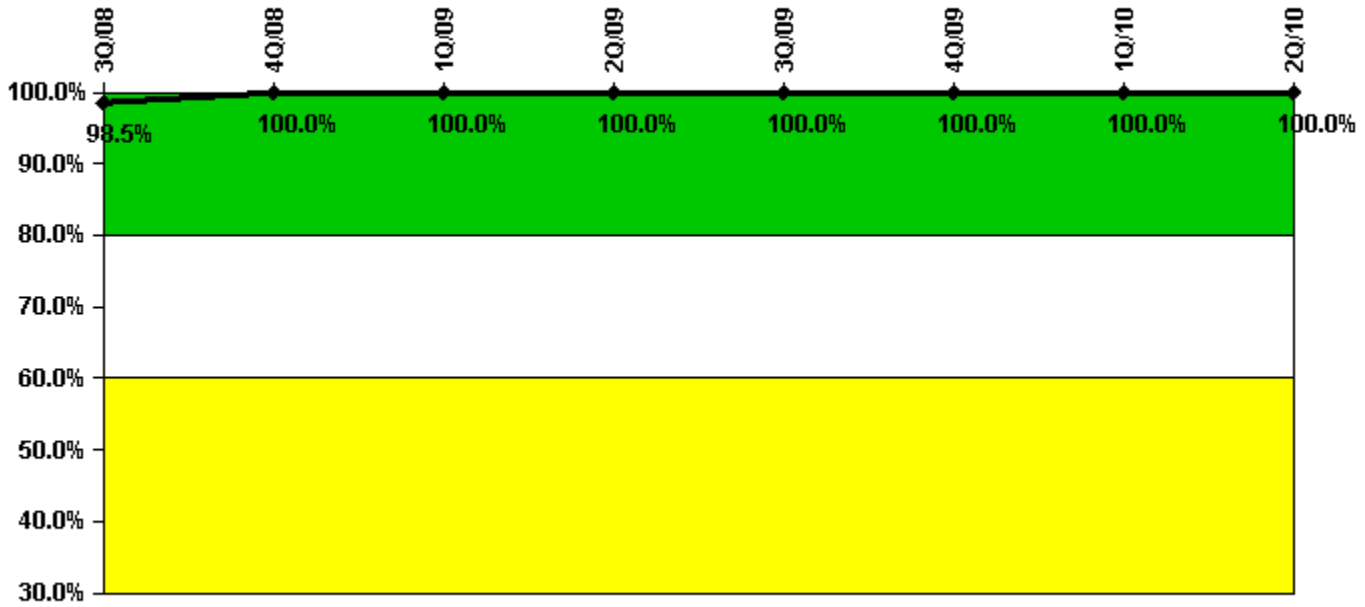
Thresholds: White < 90.0% Yellow < 70.0%

### Notes

Drill/Exercise Performance	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Successful opportunities	22.0	21.0	30.0	44.0	9.0	27.0	20.0	0
Total opportunities	22.0	21.0	31.0	45.0	9.0	28.0	22.0	0
Indicator value	95.1%	95.9%	96.2%	97.7%	98.1%	98.6%	97.7%	97.2%

Licensee Comments: none

# ERO Drill Participation



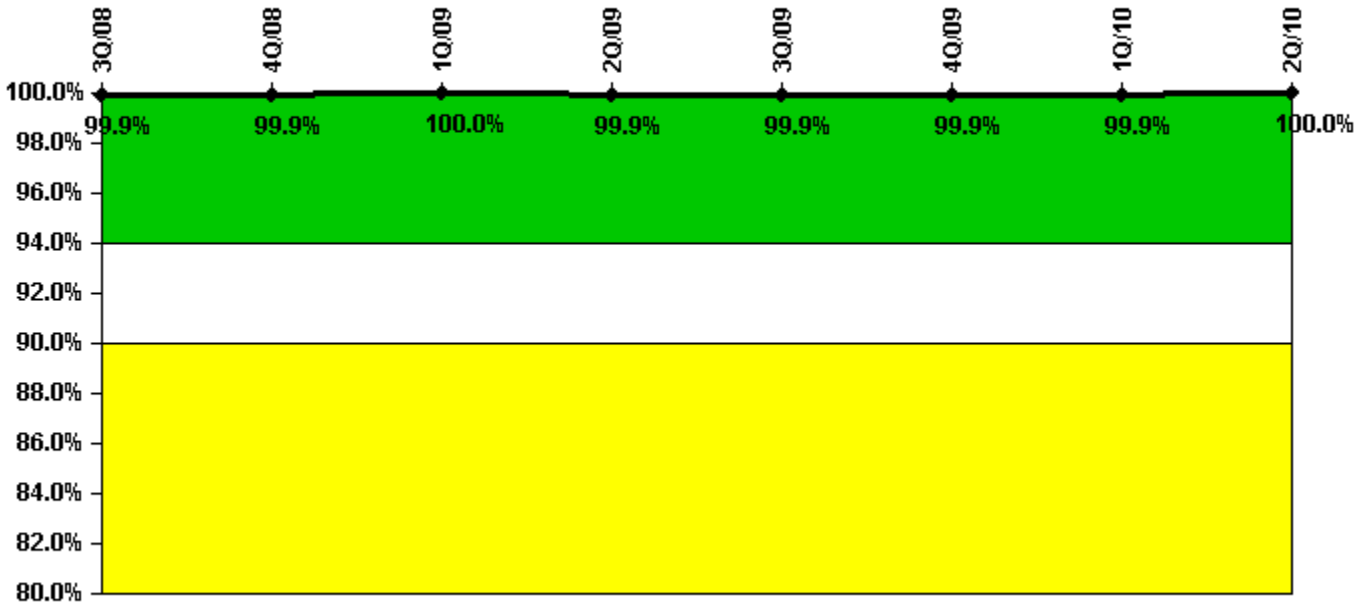
Thresholds: White < 80.0% Yellow < 60.0%

## Notes

ERO Drill Participation	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Participating Key personnel	64.0	54.0	51.0	48.0	48.0	53.0	55.0	50.0
Total Key personnel	65.0	54.0	51.0	48.0	48.0	53.0	55.0	50.0
Indicator value	98.5%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

# Alert & Notification System



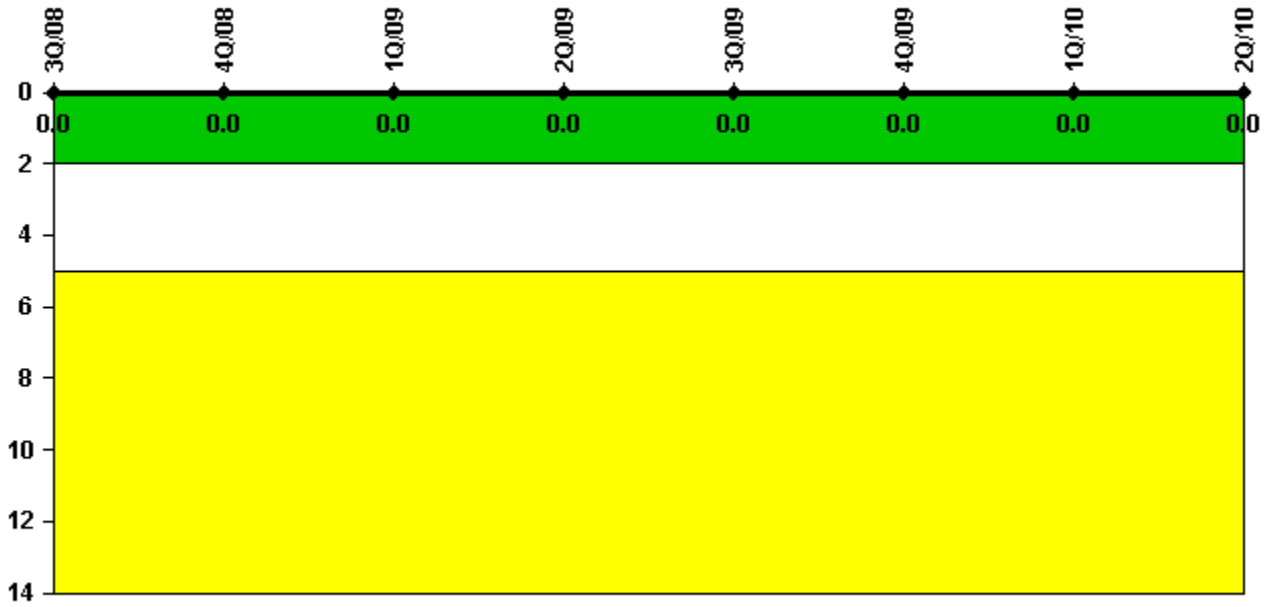
**Thresholds:** White < 94.0% Yellow < 90.0%

## Notes

Alert & Notification System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Successful siren-tests	826	885	767	765	767	766	767	767
Total sirens-tests	826	885	767	767	767	767	767	767
Indicator value	99.9%	99.9%	100.0%	99.9%	99.9%	99.9%	99.9%	100.0%

Licensee Comments: none

# Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

## Notes

Occupational Exposure Control Effectiveness	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/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	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/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.