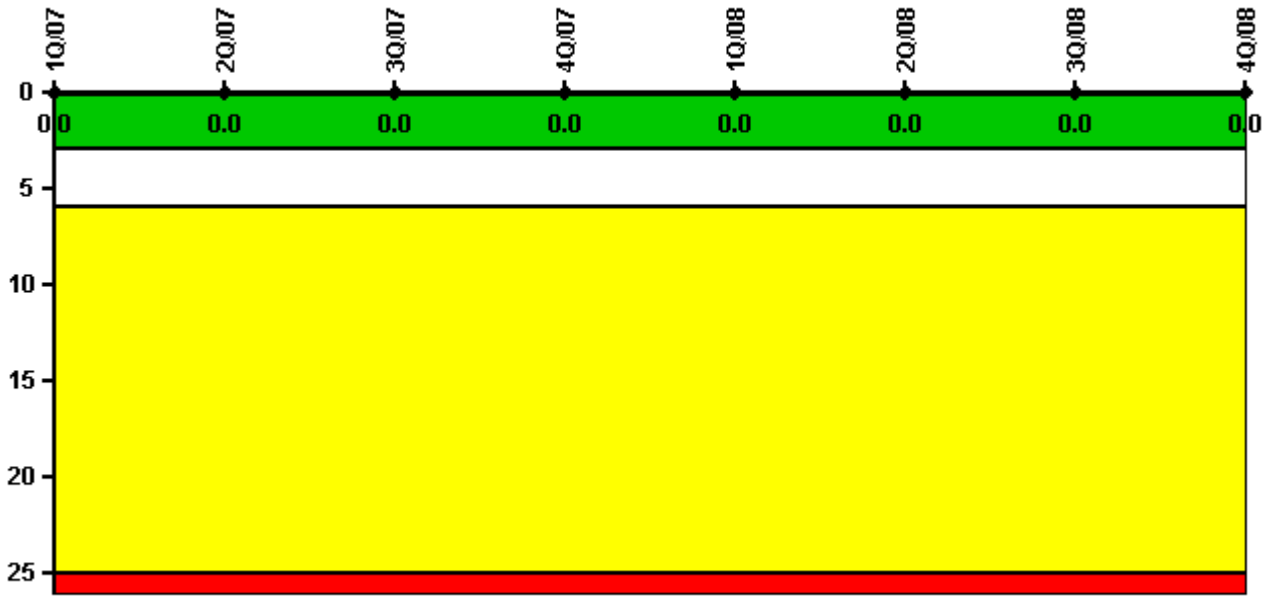


# Nine Mile Point 2

## 4Q/2008 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



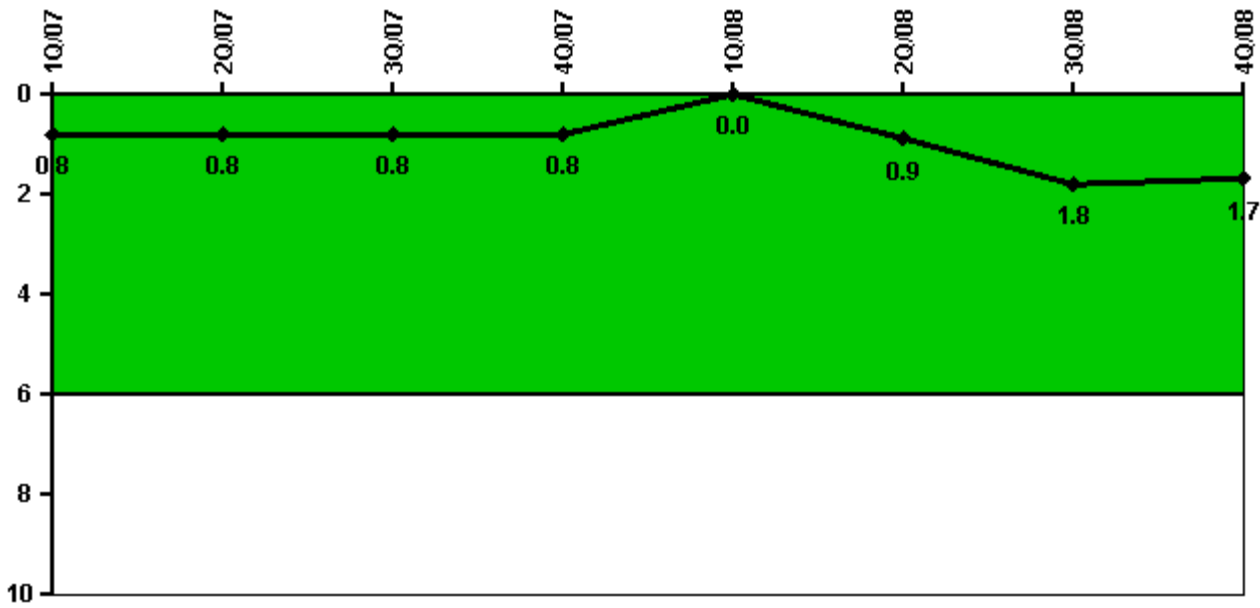
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2022.0	2184.0	2208.0	1933.1	1944.7	1817.4	2208.0	2137.1
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

## Unplanned Power Changes per 7000 Critical Hrs



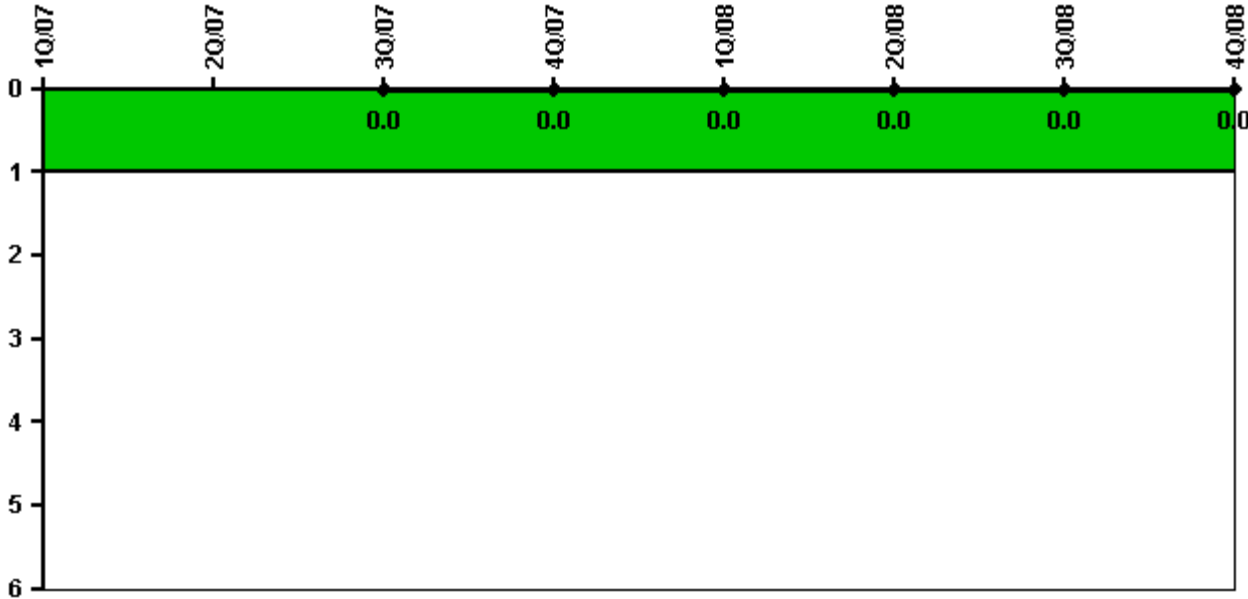
Thresholds: White > 6.0

### Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Unplanned power changes	1.0	0	0	0	0	1.0	1.0	0
Critical hours	2022.0	2184.0	2208.0	1933.1	1944.7	1817.4	2208.0	2137.1
Indicator value	0.8	0.8	0.8	0.8	0	0.9	1.8	1.7

Licensee Comments: none

# Unplanned Scrams with Complications



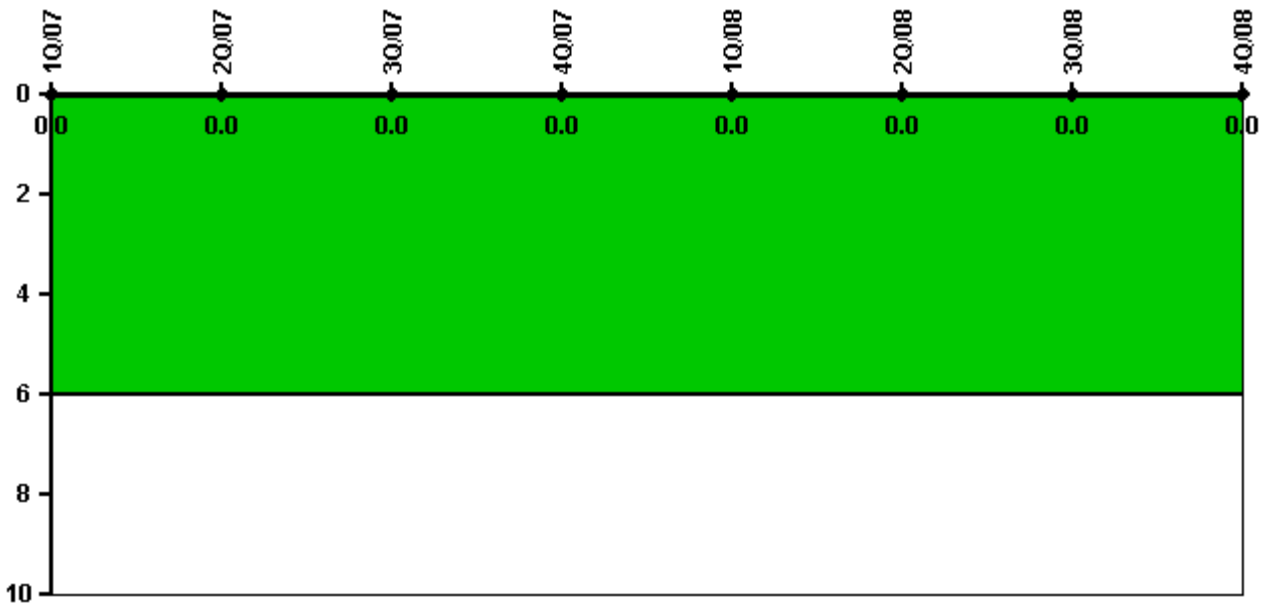
Thresholds: White > 1.0

**Notes**

Unplanned Scrams with Complications	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
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

Licensee Comments: none

## Safety System Functional Failures (BWR)



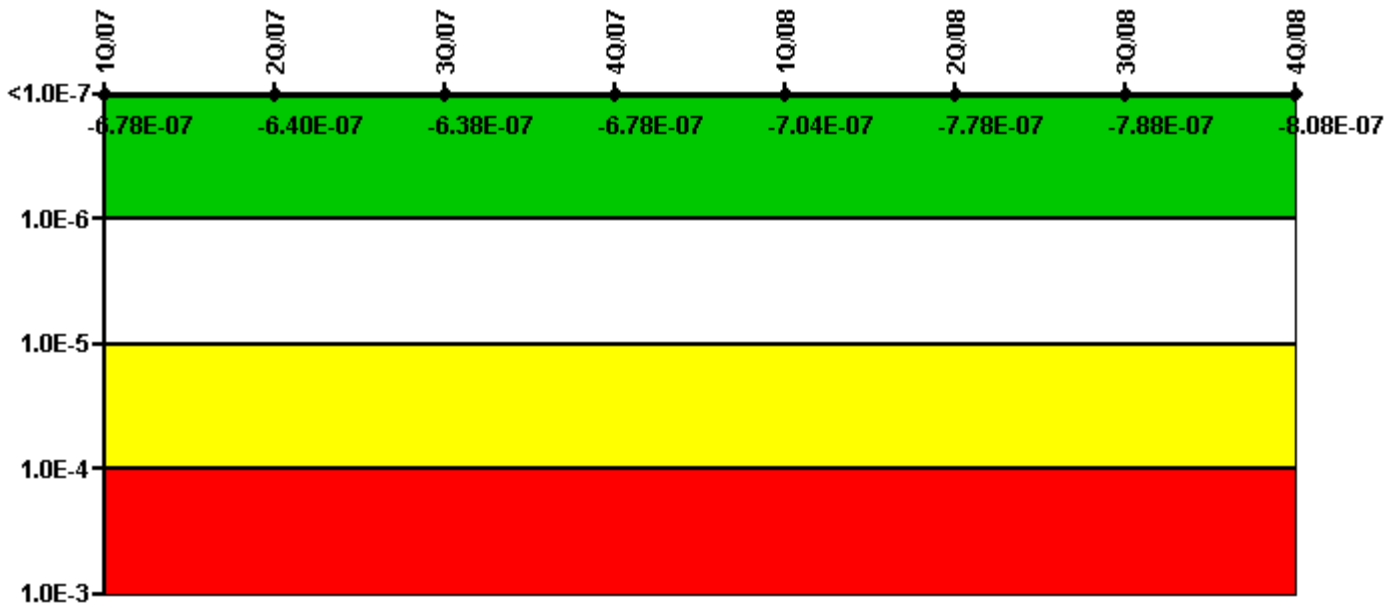
Thresholds: White > 6.0

### Notes

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

Licensee Comments: none

# Mitigating Systems Performance Index, Emergency AC Power System



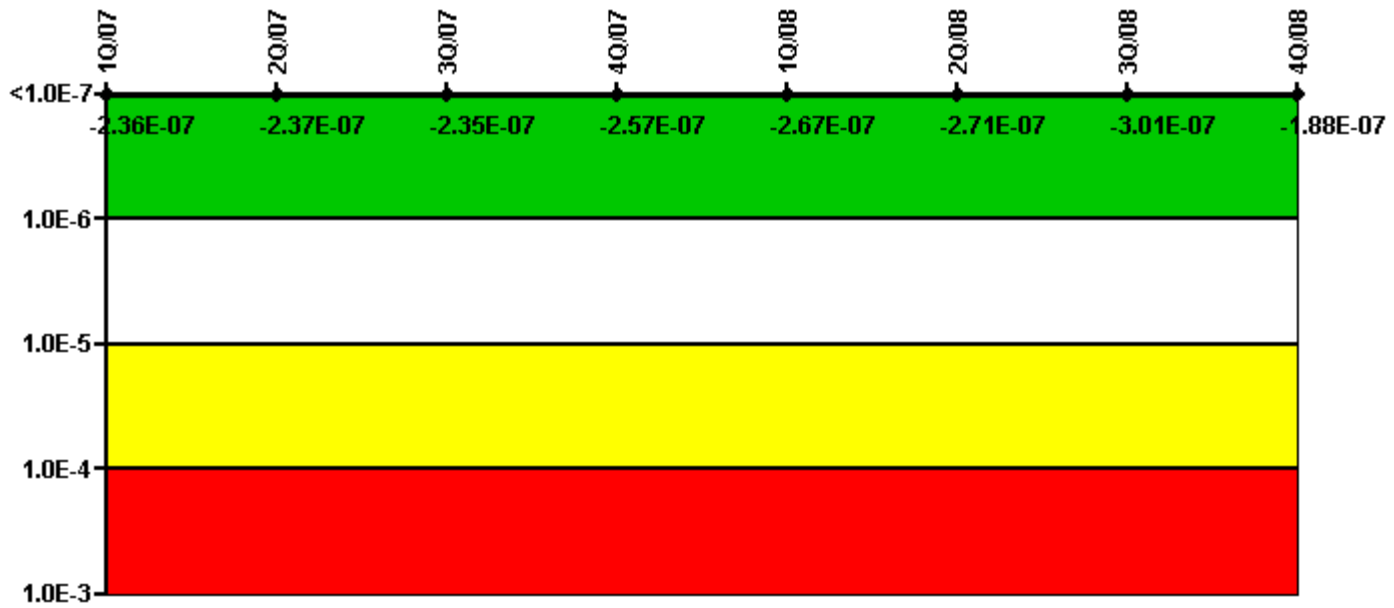
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI ( $\Delta$ CDF)	-5.80E-08	-7.00E-08	-6.80E-08	-9.80E-08	-9.40E-08	-9.80E-08	-9.80E-08	-9.80E-08
URI ( $\Delta$ CDF)	-6.20E-07	-5.70E-07	-5.70E-07	-5.80E-07	-6.10E-07	-6.80E-07	-6.90E-07	-7.10E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.78E-07	-6.40E-07	-6.38E-07	-6.78E-07	-7.04E-07	-7.78E-07	-7.88E-07	-8.08E-07

Licensee Comments: none

# Mitigating Systems Performance Index, High Pressure Injection System



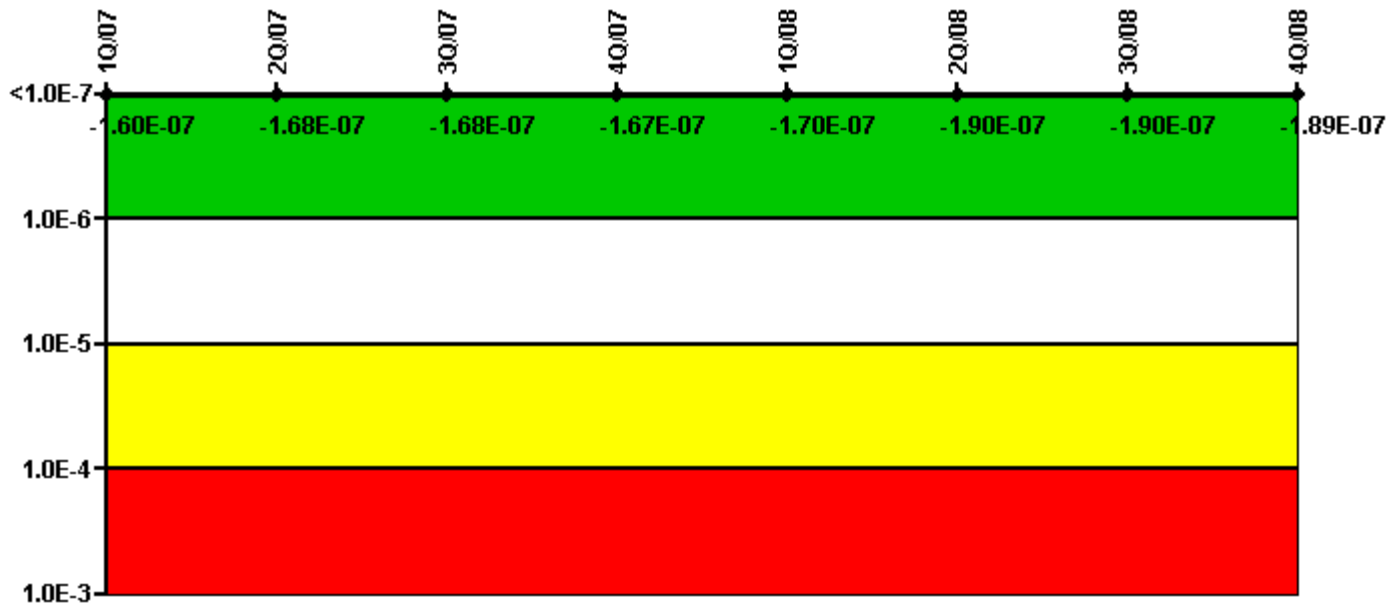
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI ( $\Delta$ CDF)	-4.60E-08	-5.70E-08	-5.50E-08	-7.70E-08	-7.70E-08	-8.10E-08	-8.10E-08	3.20E-08
URI ( $\Delta$ CDF)	-1.90E-07	-1.80E-07	-1.80E-07	-1.80E-07	-1.90E-07	-1.90E-07	-2.20E-07	-2.20E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.36E-07	-2.37E-07	-2.35E-07	-2.57E-07	-2.67E-07	-2.71E-07	-3.01E-07	-1.88E-07

Licensee Comments: none

# Mitigating Systems Performance Index, Heat Removal System



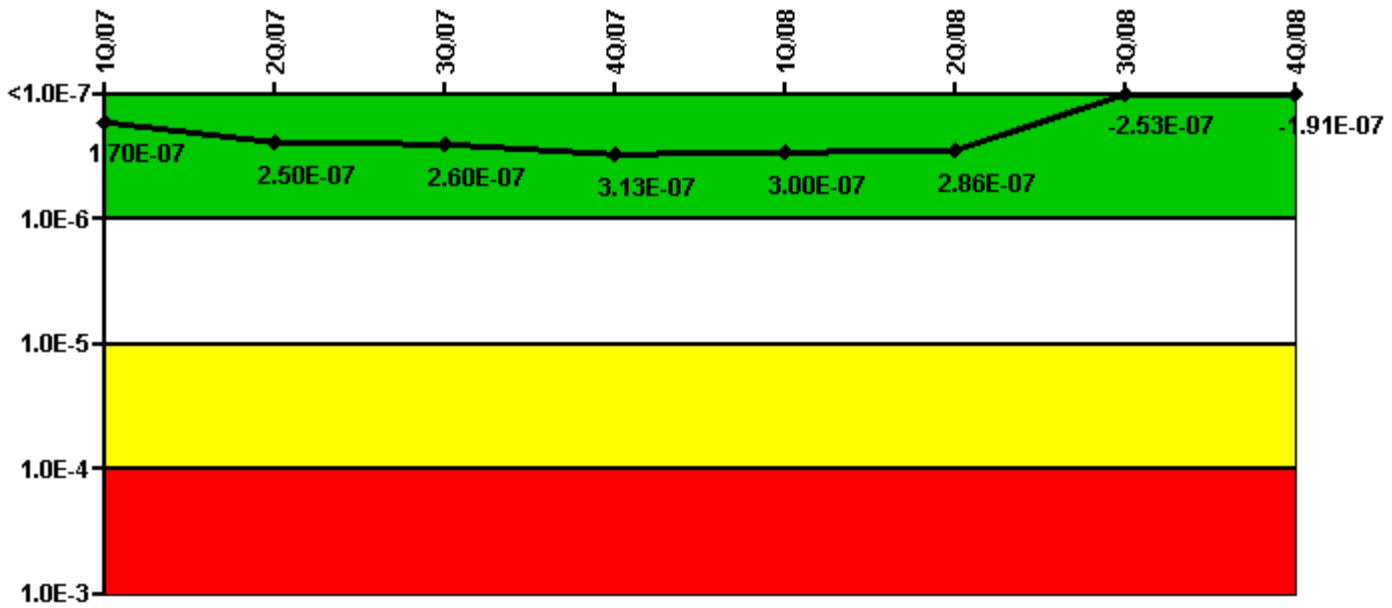
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI ( $\Delta$ CDF)	-4.00E-08	-5.80E-08	-5.80E-08	-5.70E-08	-5.00E-08	-5.00E-08	-5.00E-08	-4.90E-08
URI ( $\Delta$ CDF)	-1.20E-07	-1.10E-07	-1.10E-07	-1.10E-07	-1.20E-07	-1.40E-07	-1.40E-07	-1.40E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.60E-07	-1.68E-07	-1.68E-07	-1.67E-07	-1.70E-07	-1.90E-07	-1.90E-07	-1.89E-07

Licensee Comments: none

# Mitigating Systems Performance Index, Residual Heat Removal System



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

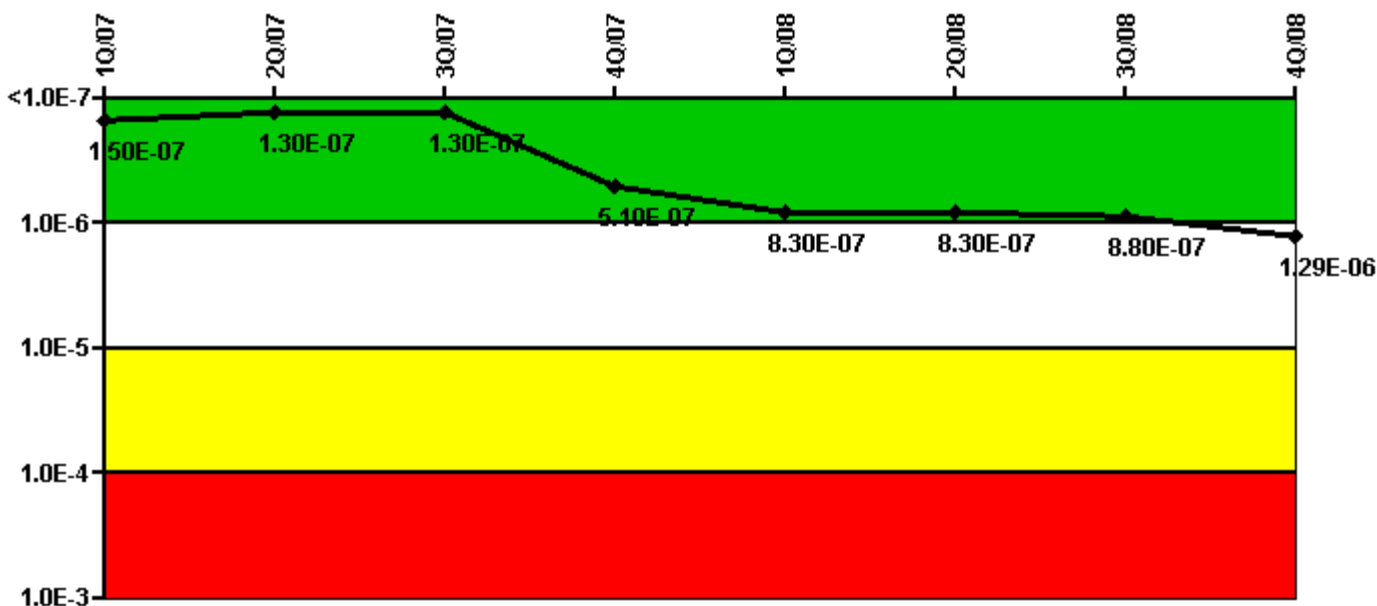
## Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI ( $\Delta$ CDF)	-1.50E-07	-1.50E-07	-1.50E-07	-5.70E-08	-5.00E-08	-1.40E-08	-3.30E-08	3.90E-08
URI ( $\Delta$ CDF)	3.20E-07	4.00E-07	4.10E-07	3.70E-07	3.50E-07	3.00E-07	-2.20E-07	-2.30E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.70E-07	2.50E-07	2.60E-07	3.13E-07	3.00E-07	2.86E-07	-2.53E-07	-1.91E-07

Licensee Comments: none



# Mitigating Systems Performance Index, Cooling Water Systems



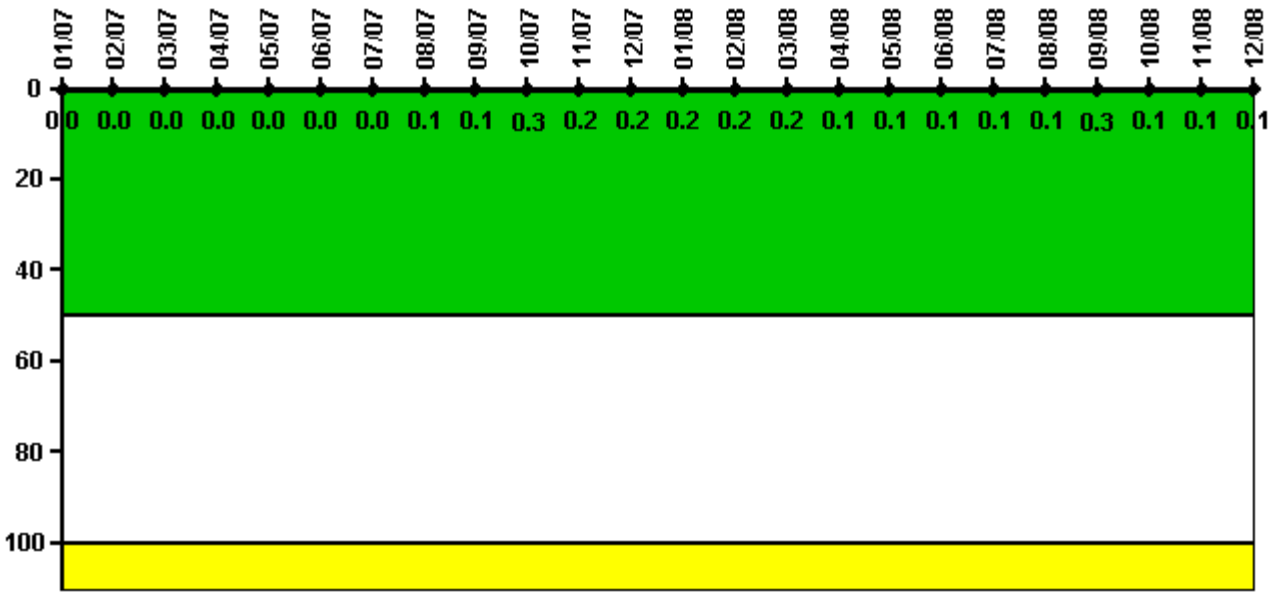
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI (ΔCDF)	2.70E-07	2.40E-07	2.40E-07	6.20E-07	9.40E-07	9.50E-07	1.00E-06	1.10E-06
URI (ΔCDF)	-1.20E-07	-1.10E-07	-1.10E-07	-1.10E-07	-1.10E-07	-1.20E-07	-1.20E-07	1.90E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.50E-07	1.30E-07	1.30E-07	5.10E-07	8.30E-07	8.30E-07	8.80E-07	1.29E-06

Licensee Comments: none

## Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

### Notes

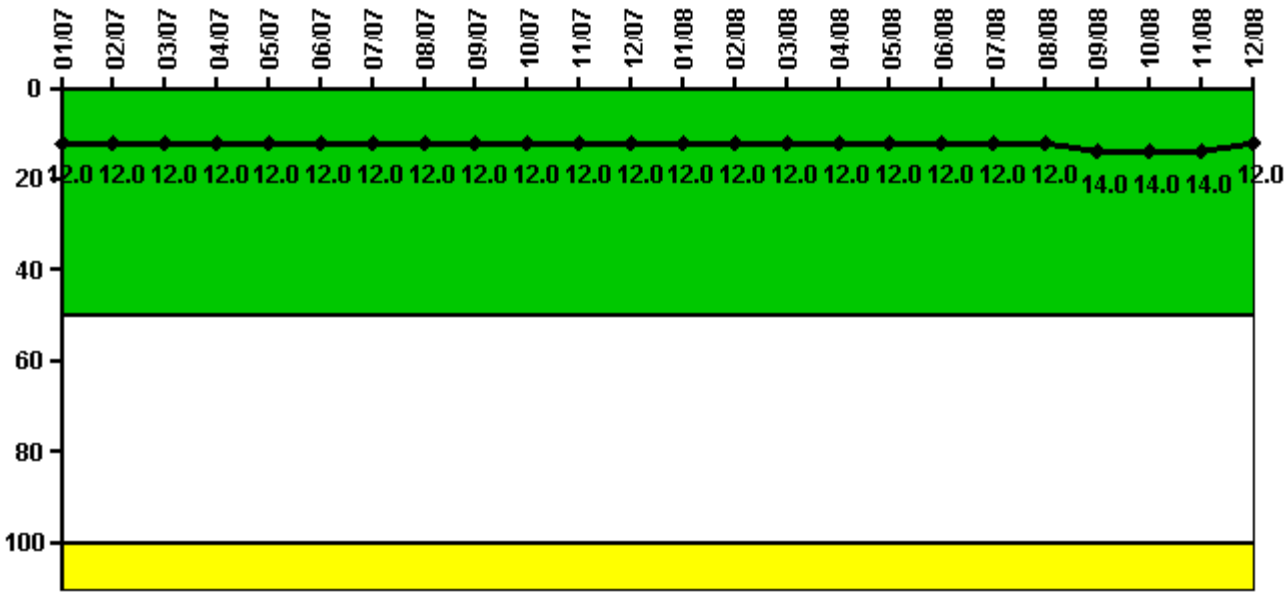
Reactor Coolant System Activity	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07
Maximum activity	0.000003	0.000005	0.000004	0.000004	0.000005	0.000005	0.000007	0.000151	0.000206	0.000572	0.000370	0.000462
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0.1	0.1	0.3	0.2	0.2

Reactor Coolant System Activity	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08	10/08	11/08	12/08
Maximum activity	0.000387	0.000406	0.000336	0.000282	0.000221	0.000261	0.000264	0.000296	0.000508	0.000195	0.000184	0.000186
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	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.3	0.1	0.1	0.1

Licensee Comments: none

## Reactor Coolant System Leakage



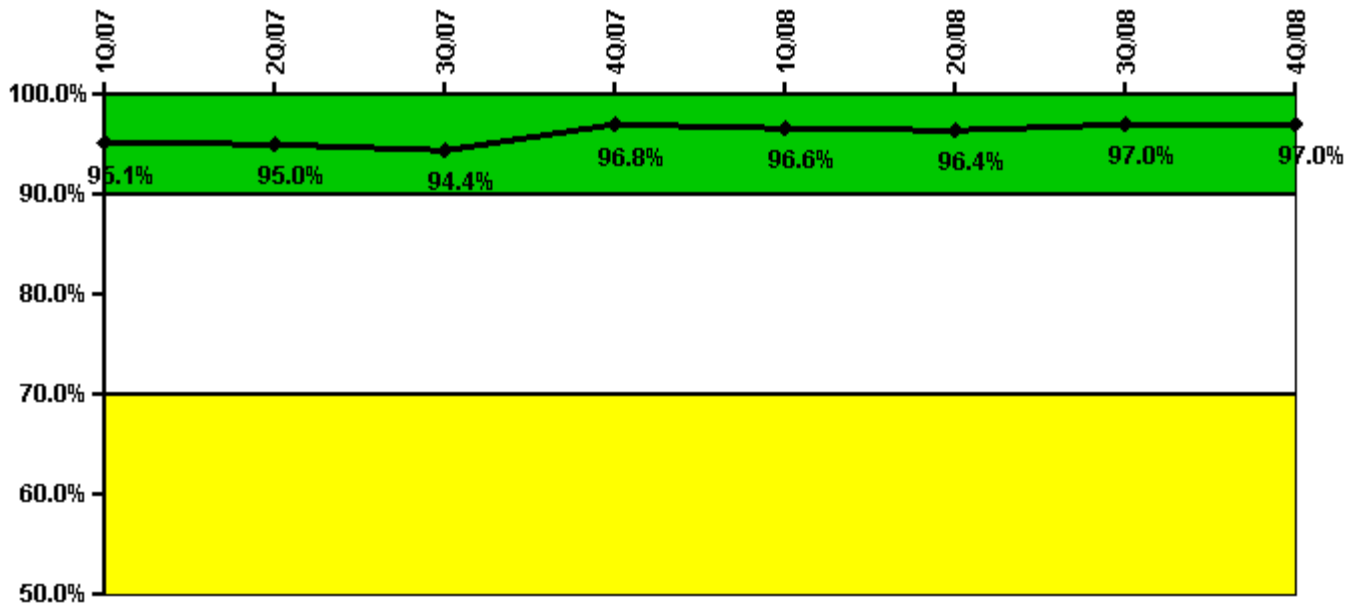
Thresholds: White > 50.0 Yellow > 100.0

### Notes

Reactor Coolant System Leakage	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07
Maximum leakage	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000
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	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
Reactor Coolant System Leakage	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08	10/08	11/08	12/08
Maximum leakage	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.500	3.500	3.500	3.000
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	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	14.0	14.0	14.0	12.0

Licensee Comments: none

## Drill/Exercise Performance



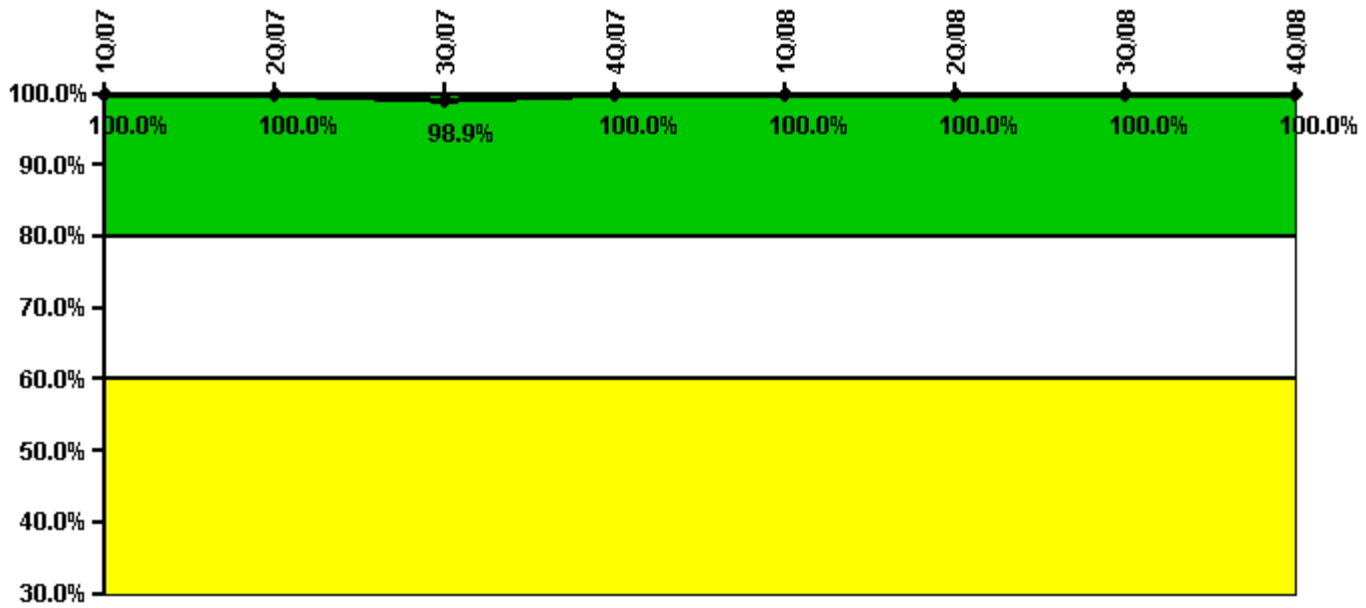
Thresholds: White < 90.0% Yellow < 70.0%

### Notes

Drill/Exercise Performance	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Successful opportunities	41.0	27.0	35.0	318.0	31.0	38.0	75.0	117.0
Total opportunities	43.0	30.0	39.0	318.0	34.0	40.0	78.0	121.0
Indicator value	95.1%	95.0%	94.4%	96.8%	96.6%	96.4%	97.0%	97.0%

Licensee Comments: none

## ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

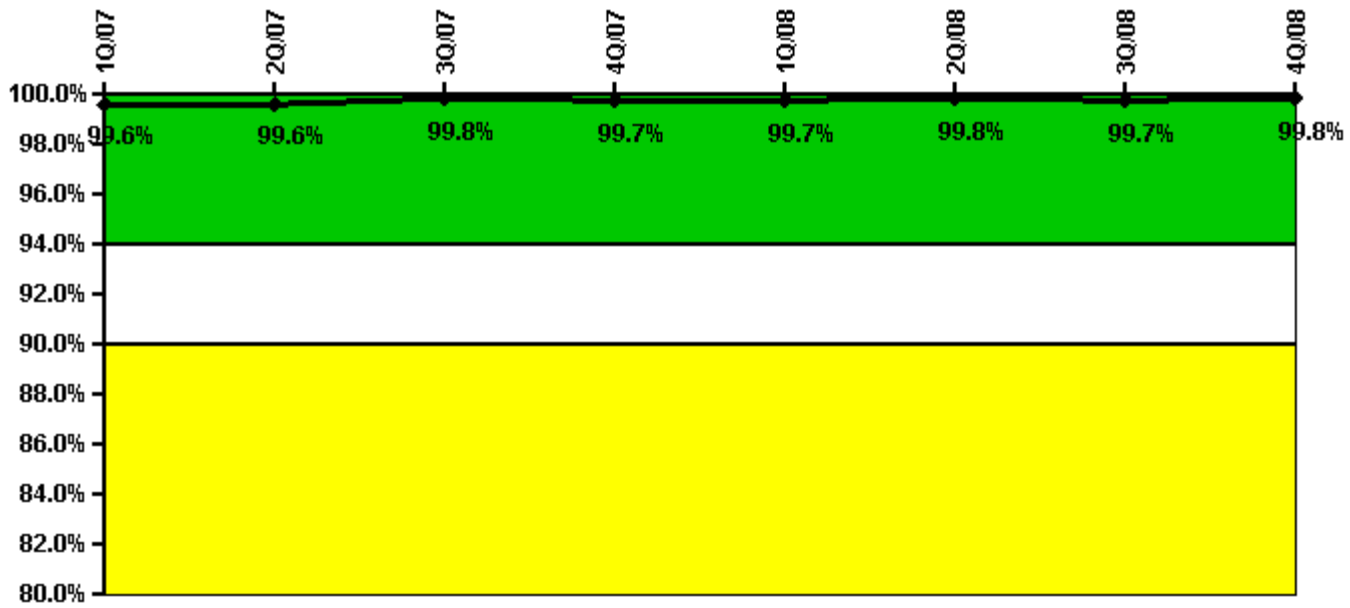
### Notes

ERO Drill Participation	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Participating Key personnel	97.0	97.0	94.0	93.0	90.0	91.0	95.0	93.0
Total Key personnel	97.0	97.0	95.0	93.0	90.0	91.0	95.0	93.0
Indicator value	100.0%	100.0%	98.9%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

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## Alert & Notification System



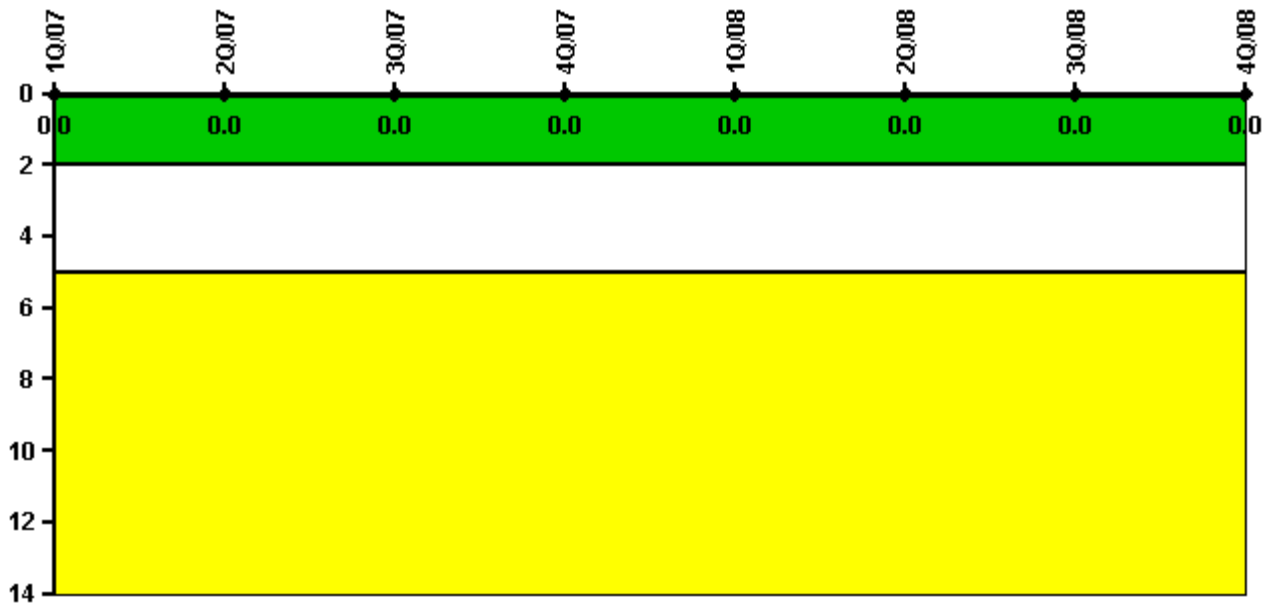
Thresholds: White < 94.0% Yellow < 90.0%

### Notes

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

Licensee Comments: none

## Occupational Exposure Control Effectiveness



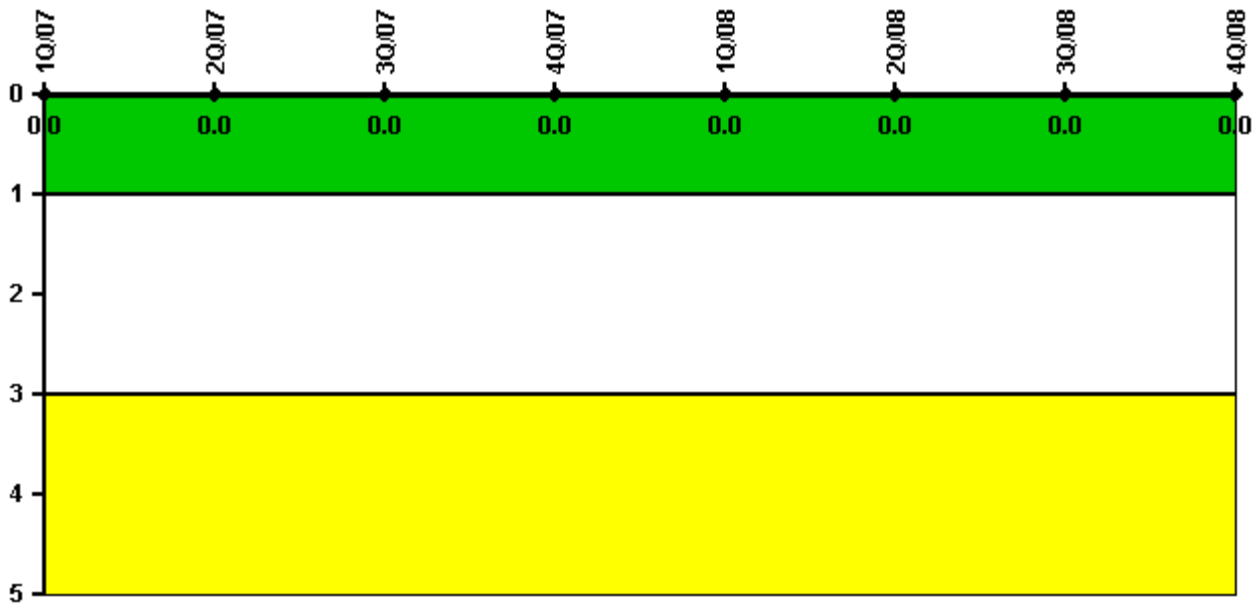
Thresholds: White > 2.0 Yellow > 5.0

### Notes

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