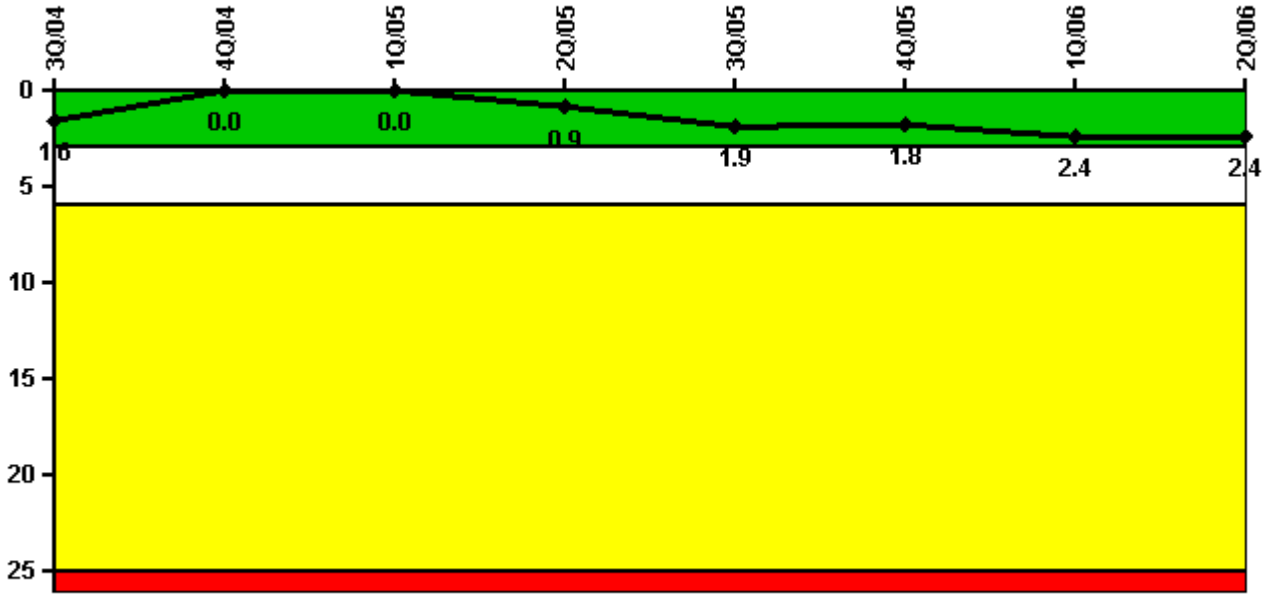


# Cooper

## 2Q/2006 Performance Indicators

Licensee's General Comments: Error in EAC Surveillance Procedure in 1998 required modification to EAC planned unavailability for the 36 month period. The cause is discussed in LER 2006-03. EAC PI under old PI system remained GREEN with the modified unavailability numbers. MSPI Basis document has been revised to accommodate modified unavailability, and the CDE basis has been updated appropriately via override.

### Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

#### Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Unplanned scrams	0	0	0	1.0	1.0	0	1.0	1.0
Critical hours	2208.0	1743.0	1354.8	2134.9	2134.2	2209.0	2113.4	2131.3
Indicator value	1.6	0	0	0.9	1.9	1.8	2.4	2.4

Licensee Comments: none

### Scrams with Loss of Normal Heat Removal



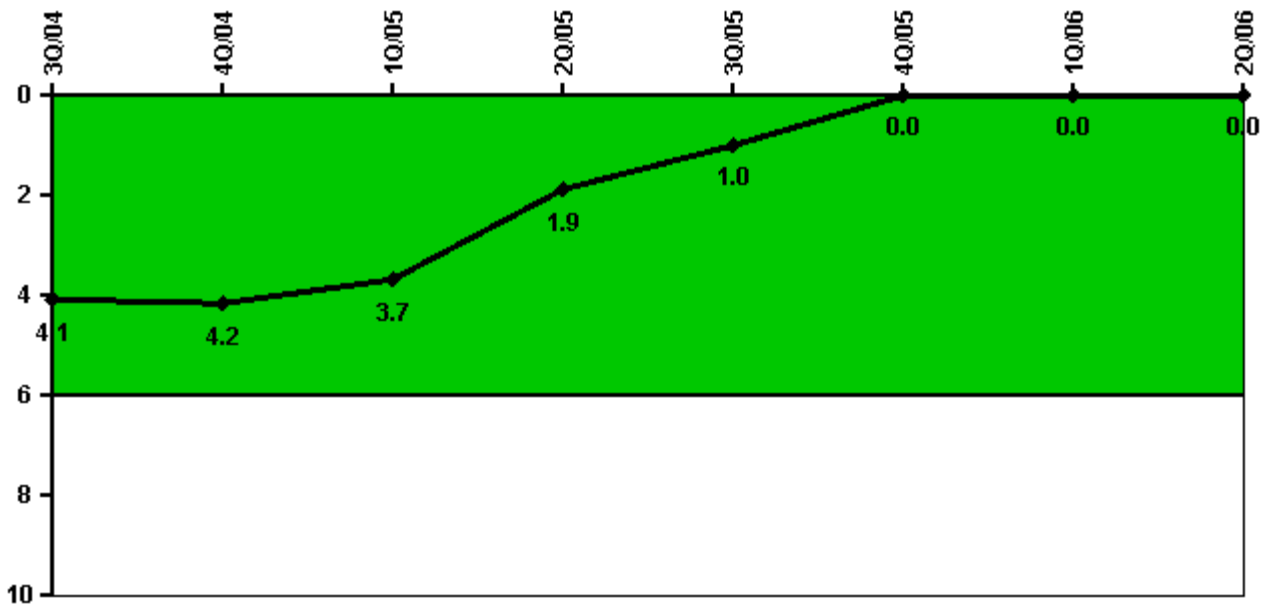
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

#### Notes

Scrams with Loss of Normal Heat Removal	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Scrams	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

### Unplanned Power Changes per 7000 Critical Hrs



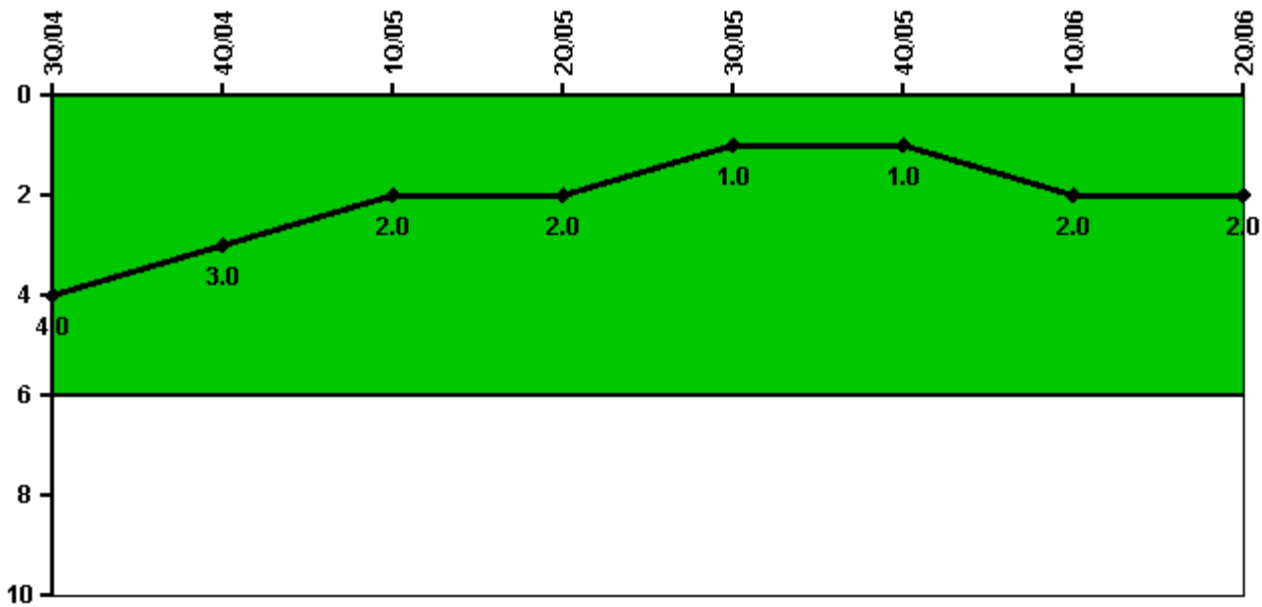
Thresholds: White > 6.0

#### Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Unplanned power changes	1.0	1.0	0	0	0	0	0	0
Critical hours	2208.0	1743.0	1354.8	2134.9	2134.2	2209.0	2113.4	2131.3
Indicator value	4.1	4.2	3.7	1.9	1.0	0	0	0

Licensee Comments: none

### Safety System Functional Failures (BWR)



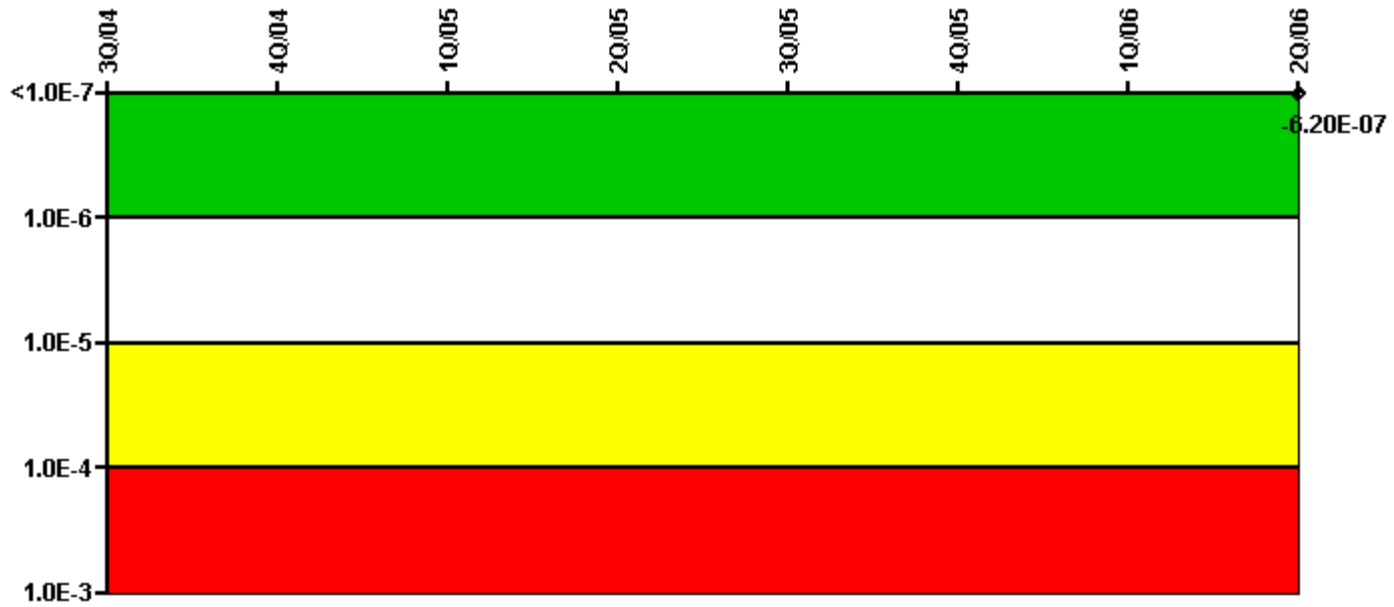
Thresholds: White > 6.0

#### Notes

Safety System Functional Failures (BWR)	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Safety System Functional Failures	1	0	0	1	0	0	1	1
Indicator value	4	3	2	2	1	1	2	2

Licensee Comments: none

### Mitigating Systems Performance Index, Emergency AC Power System



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

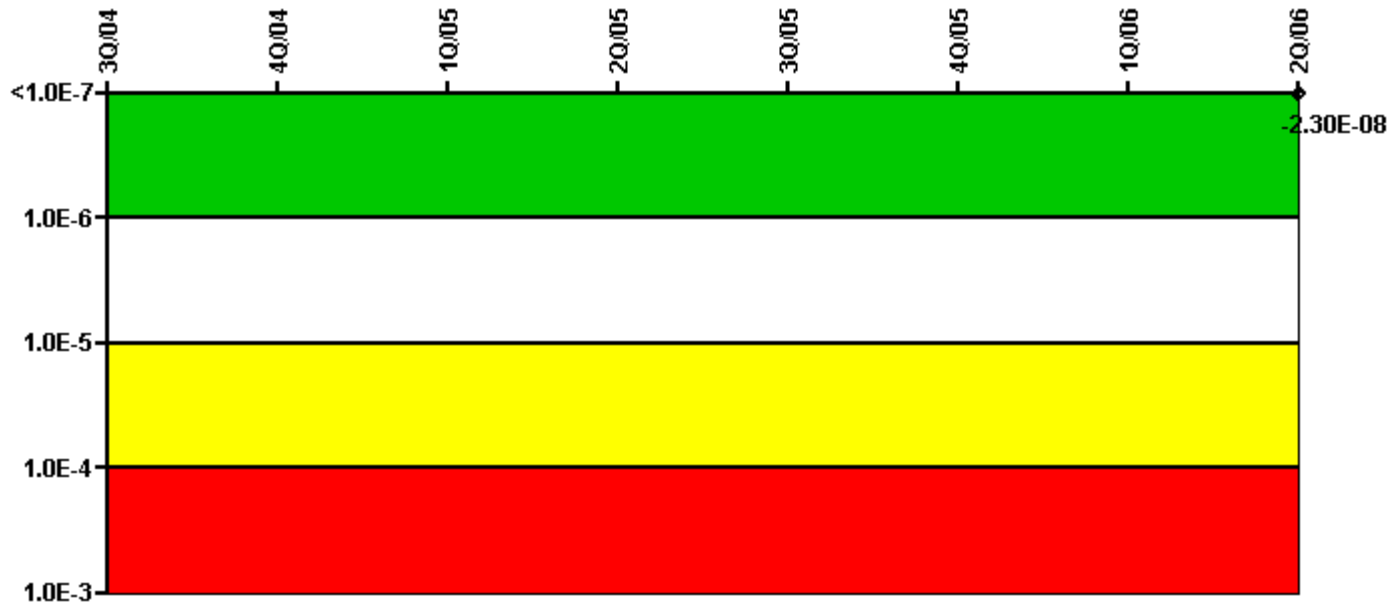
#### Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI ( $\Delta$ CDF)								2.00E-07
URI ( $\Delta$ CDF)								-8.20E-07
PLE								NO
Indicator value								-6.20E-07

Licensee Comments:

2Q/06: Risk Cap Invoked.

### Mitigating Systems Performance Index, High Pressure Injection System



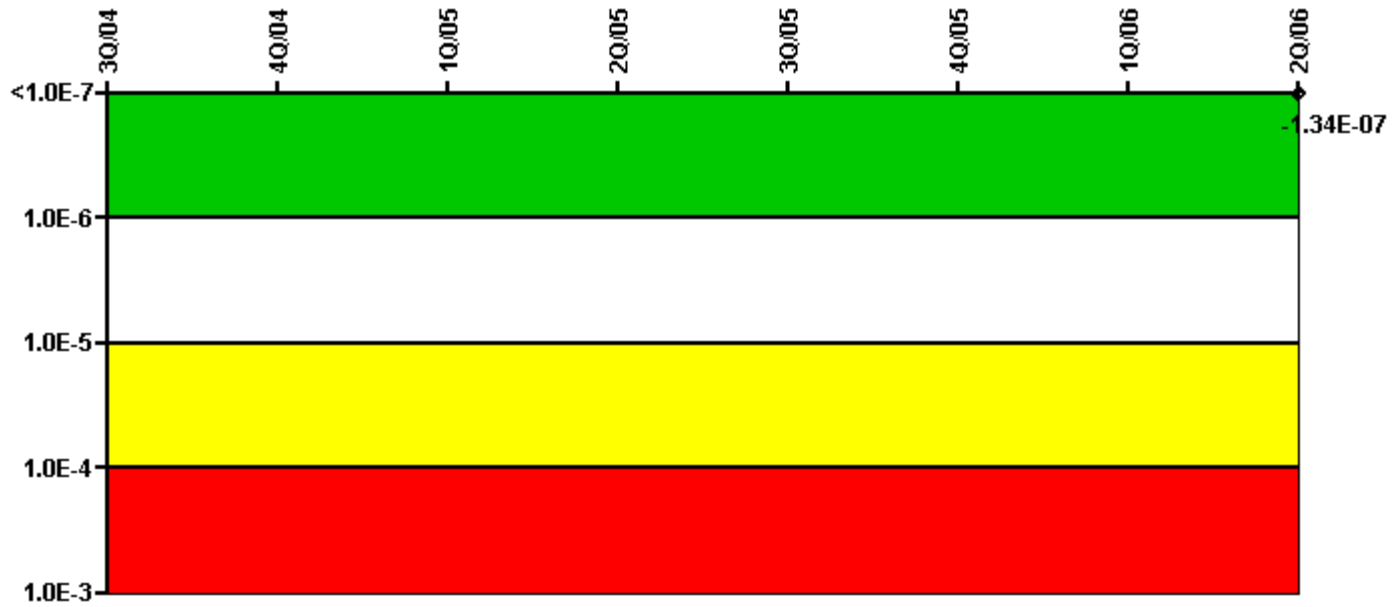
Thresholds: White >  $1.00E-6$  Yellow >  $1.00E-5$  Red >  $1.00E-4$

**Notes**

Mitigating Systems Performance Index, High Pressure Injection System	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI ( $\Delta$ CDF)								-1.00E-08
URI ( $\Delta$ CDF)								-1.30E-08
PLE								NO
Indicator value								-2.30E-08

Licensee Comments: none

### Mitigating Systems Performance Index, Heat Removal System



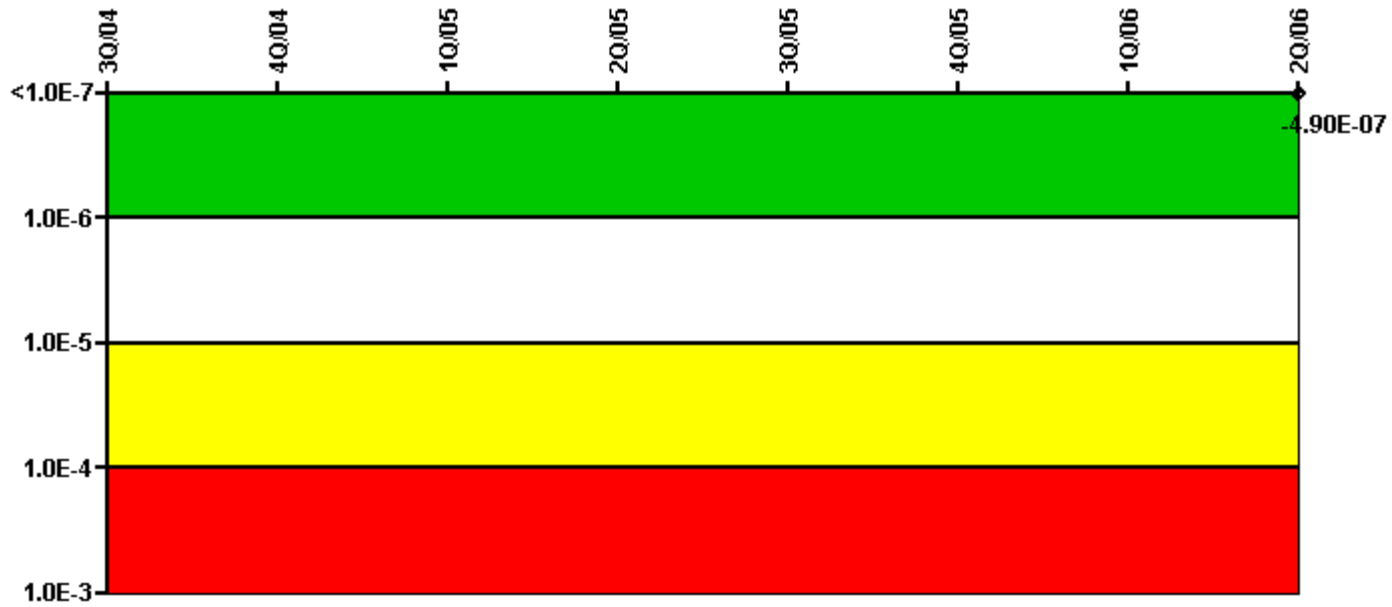
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

#### Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (ΔCDF)								-3.80E-08
URI (ΔCDF)								-9.60E-08
PLE								NO
Indicator value								-1.34E-07

Licensee Comments: none

### Mitigating Systems Performance Index, Residual Heat Removal System



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

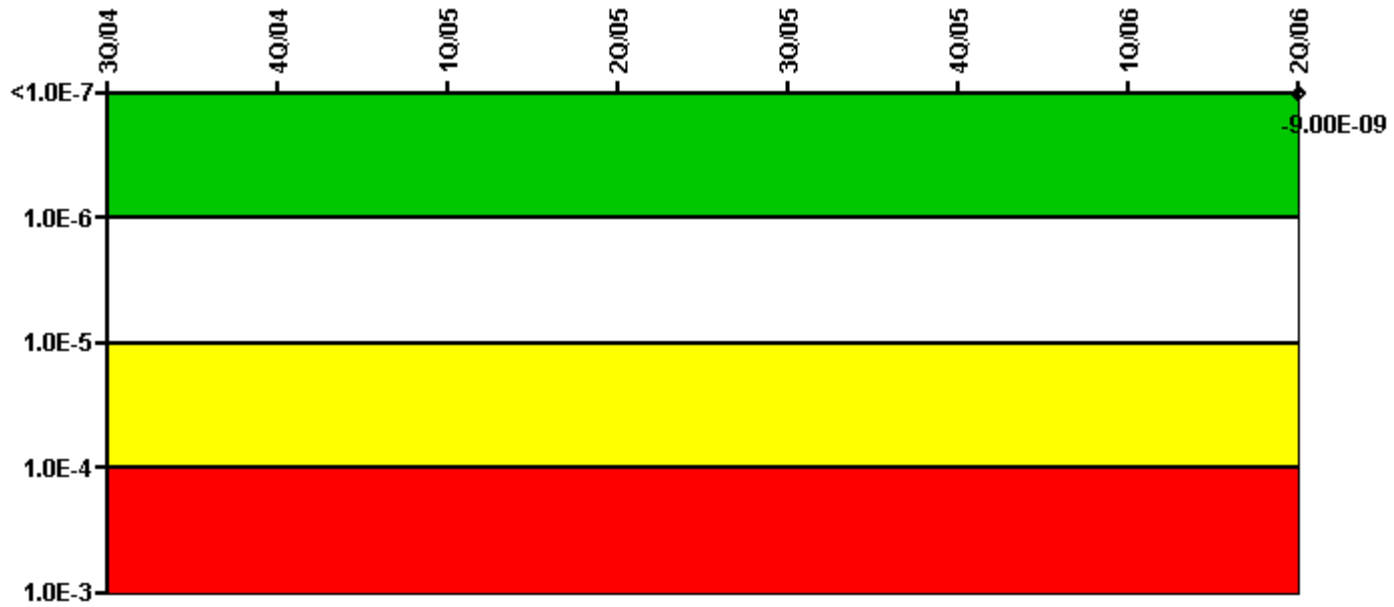
**Notes**

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI ( $\Delta$ CDF)								5.00E-08
URI ( $\Delta$ CDF)								-5.40E-07
PLE								NO
Indicator value								-4.90E-07

Licensee Comments: none



### Mitigating Systems Performance Index, Cooling Water Systems



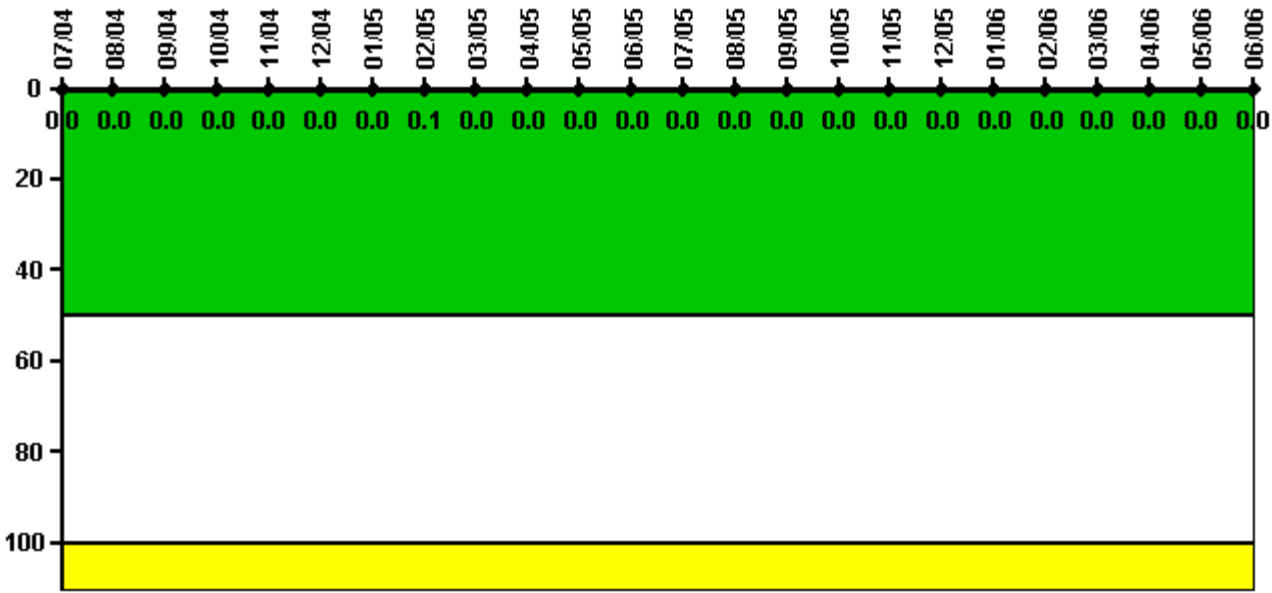
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

#### Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (ΔCDF)								5.40E-08
URI (ΔCDF)								-6.30E-08
PLE								NO
Indicator value								-9.00E-09

Licensee Comments: none

### Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

#### Notes

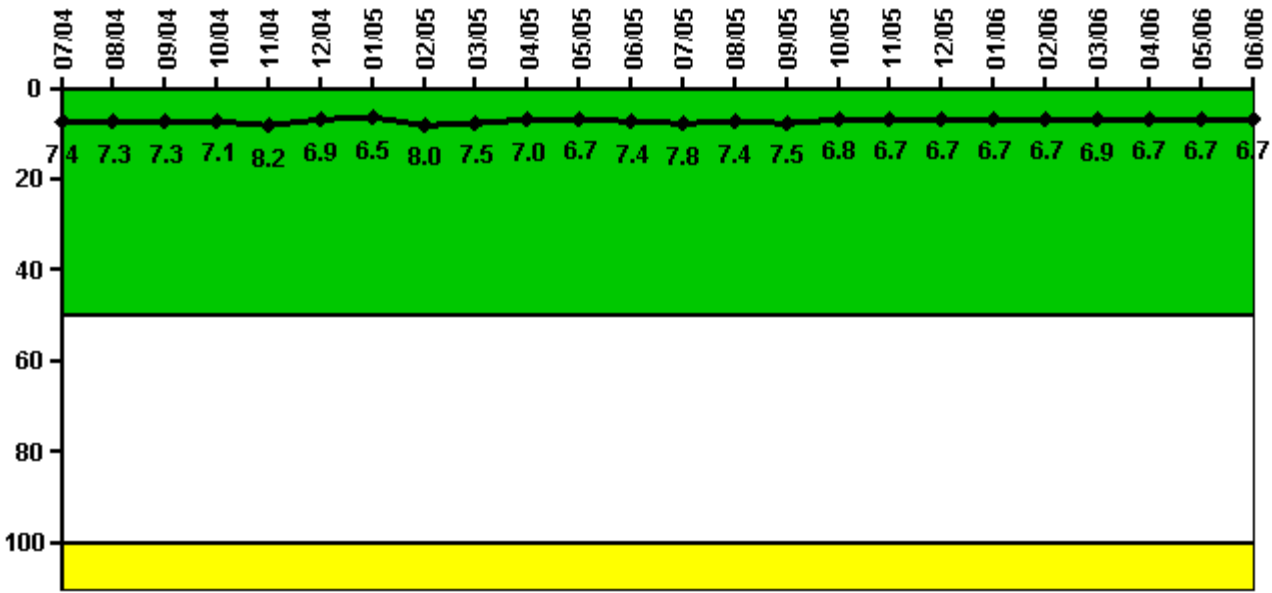
Reactor Coolant System Activity	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05
Maximum activity	0.000027	0.000026	0.000022	0.000023	0.000031	0.000022	0.000024	0.000268	0.000042	0.000035	0.000021	0.000034
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0.1	0	0	0	0

Reactor Coolant System Activity	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06
Maximum activity	0.000030	0.000024	0.000074	0.000066	0.000022	0.000021	0.000022	0.000027	0.000021	0.000019	0.000020	0.000020
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**

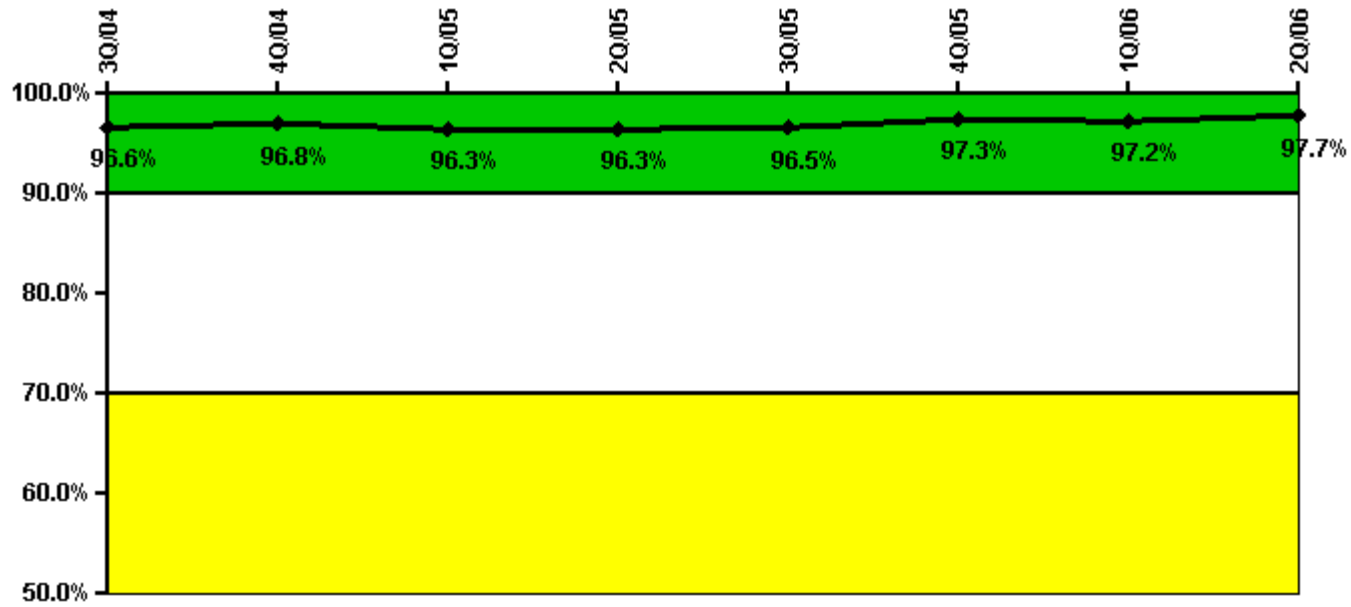
Reactor Coolant System Leakage	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05
Maximum leakage	2.223	2.192	2.180	2.144	2.454	2.060	1.960	2.410	2.240	2.110	2.024	2.234
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	7.4	7.3	7.3	7.1	8.2	6.9	6.5	8.0	7.5	7.0	6.7	7.4

Reactor Coolant System Leakage	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06
Maximum leakage	2.338	2.233	2.253	2.040	2.019	2.006	2.008	2.008	2.076	2.016	2.009	2.020
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	7.8	7.4	7.5	6.8	6.7	6.7	6.7	6.7	6.9	6.7	6.7	6.7

Licensee Comments: none

### Drill/Exercise Performance



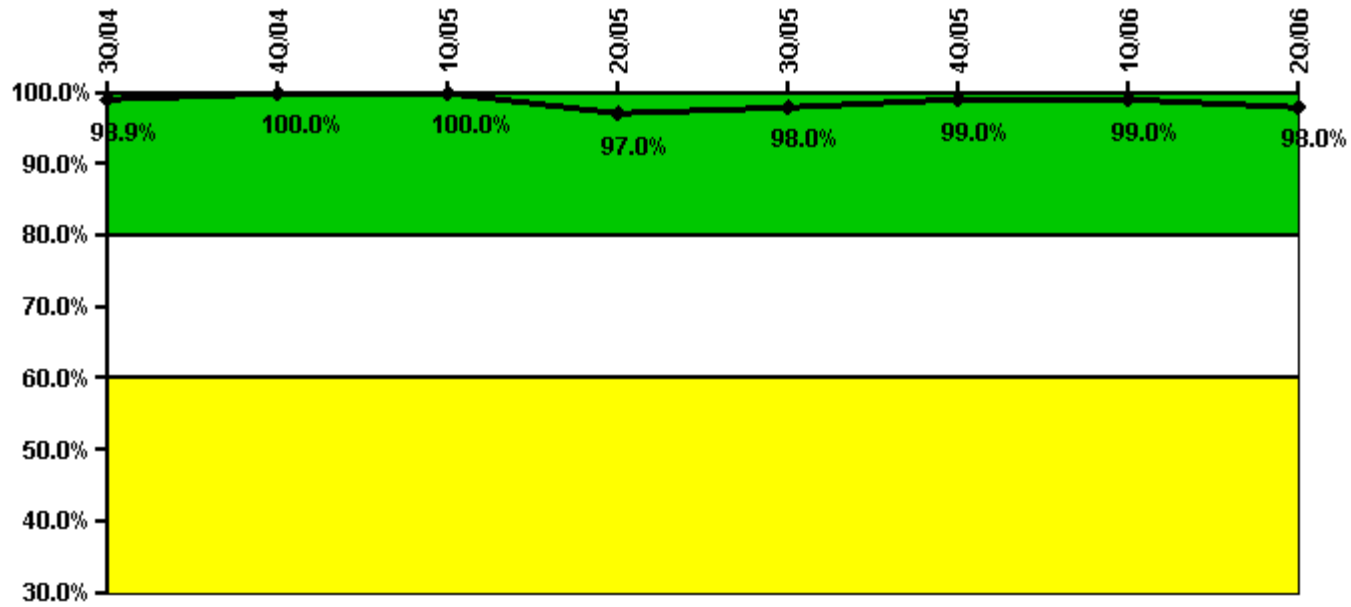
Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

Drill/Exercise Performance	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Successful opportunities	71.0	23.0	39.0	30.0	58.0	40.0	10.0	20.0
Total opportunities	72.0	23.0	42.0	31.0	59.0	41.0	10.0	20.0
Indicator value	96.6%	96.8%	96.3%	96.3%	96.5%	97.3%	97.2%	97.7%

Licensee Comments: none

### ERO Drill Participation



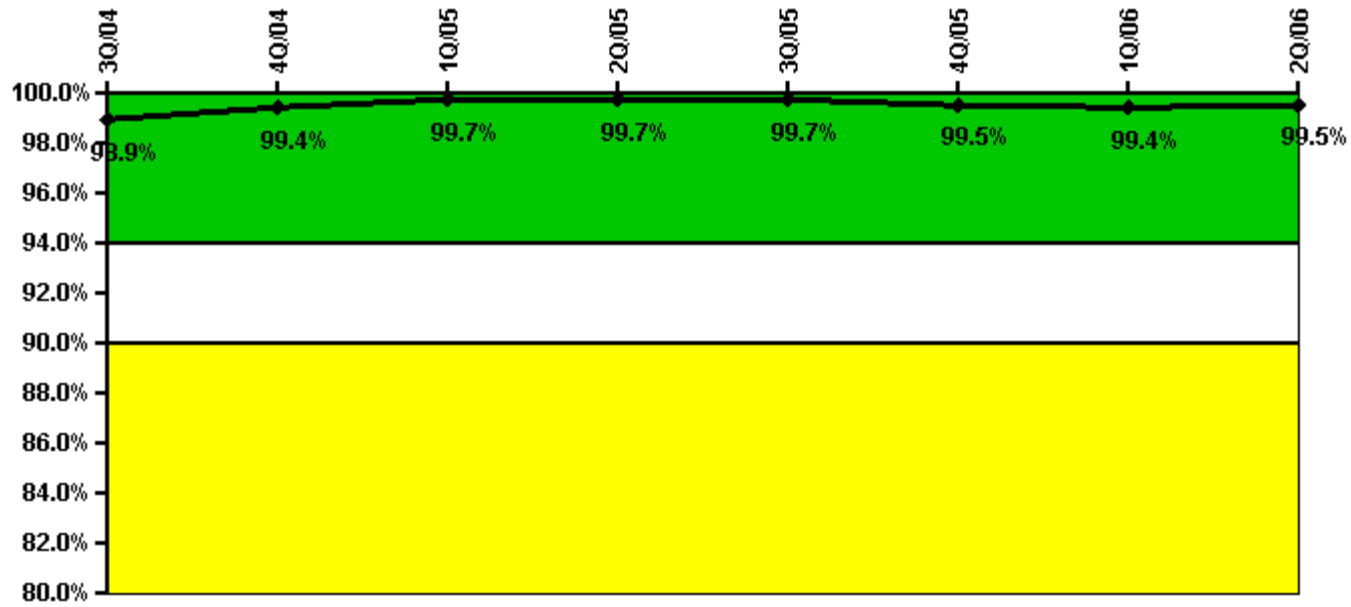
Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

ERO Drill Participation	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Participating Key personnel	87.0	90.0	89.0	98.0	96.0	98.0	100.0	96.0
Total Key personnel	88.0	90.0	89.0	101.0	98.0	99.0	101.0	98.0
Indicator value	98.9%	100.0%	100.0%	97.0%	98.0%	99.0%	99.0%	98.0%

Licensee Comments: none

### Alert & Notification System



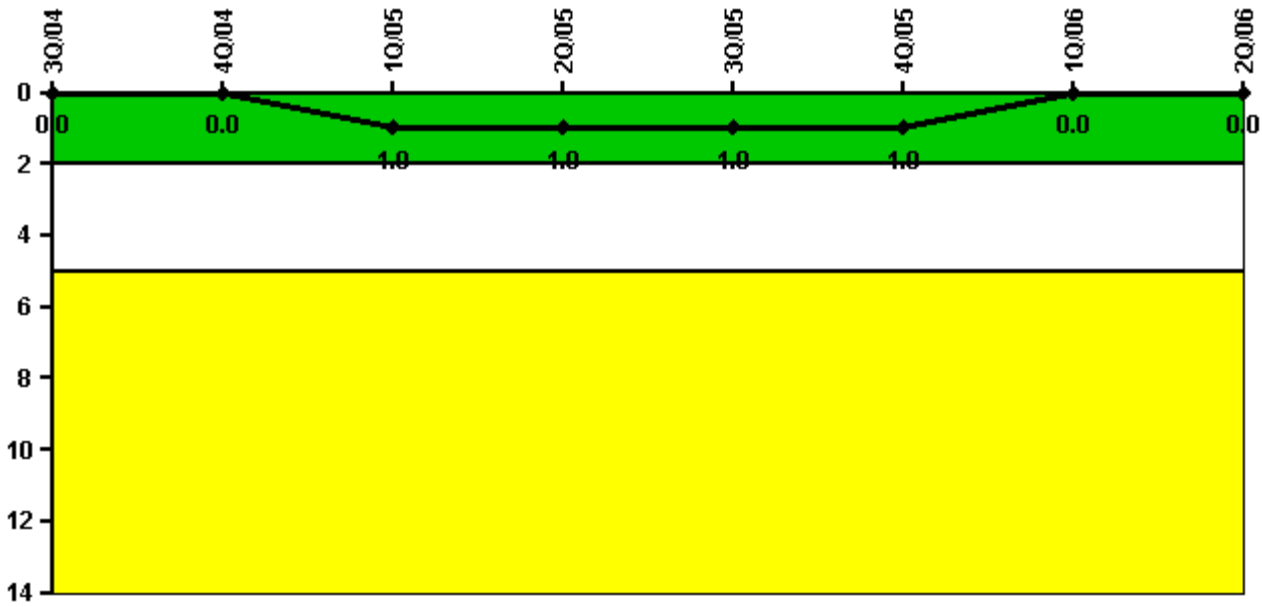
Thresholds: White < 94.0% Yellow < 90.0%

#### Notes

Alert & Notification System	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Successful siren-tests	239	311	288	287	286	309	287	288
Total sirens-tests	240	312	288	288	288	312	288	288
Indicator value	98.9%	99.4%	99.7%	99.7%	99.7%	99.5%	99.4%	99.5%

Licensee Comments: none

### Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

**Notes**

Occupational Exposure Control Effectiveness	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
High radiation area occurrences	0	0	1	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>1</b>	<b>1</b>	<b>1</b>	<b>1</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/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

[Physical Protection](#) information not publicly available.