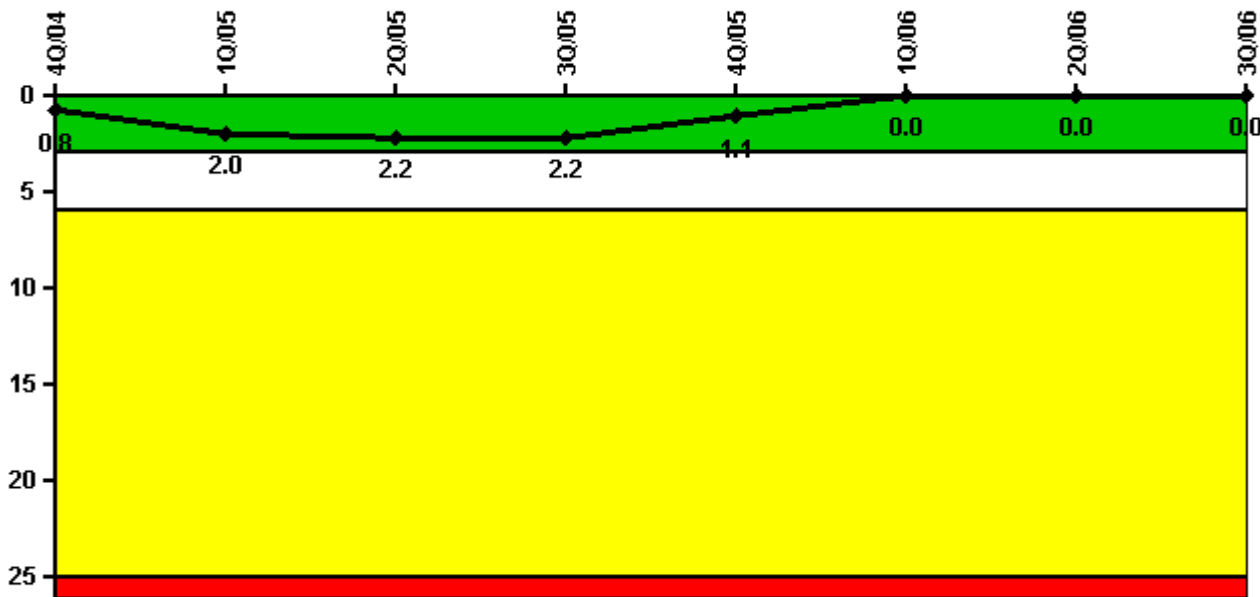


# Perry 1

## 3Q/2006 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



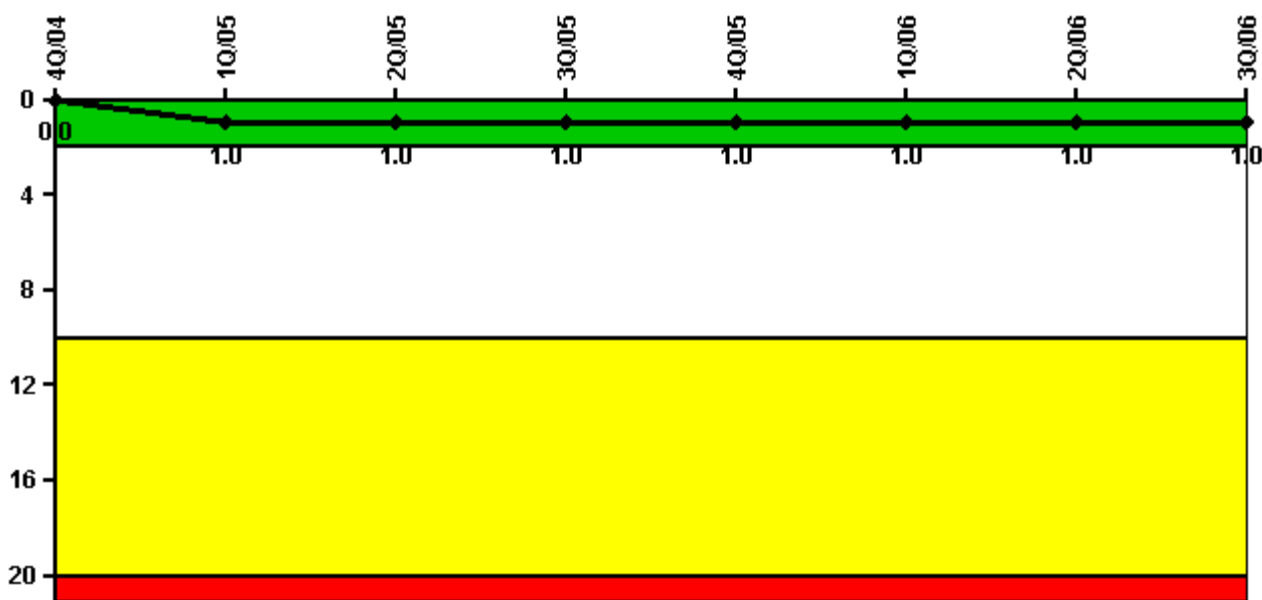
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Unplanned scrams	1.0	1.0	0	0	0	0	0	0
Critical hours	2152.0	653.2	1398.7	2208.0	2209.0	2160.0	2183.0	2208.0
Indicator value	0.8	2.0	2.2	2.2	1.1	0	0	0

Licensee Comments: none

### Scrams with Loss of Normal Heat Removal



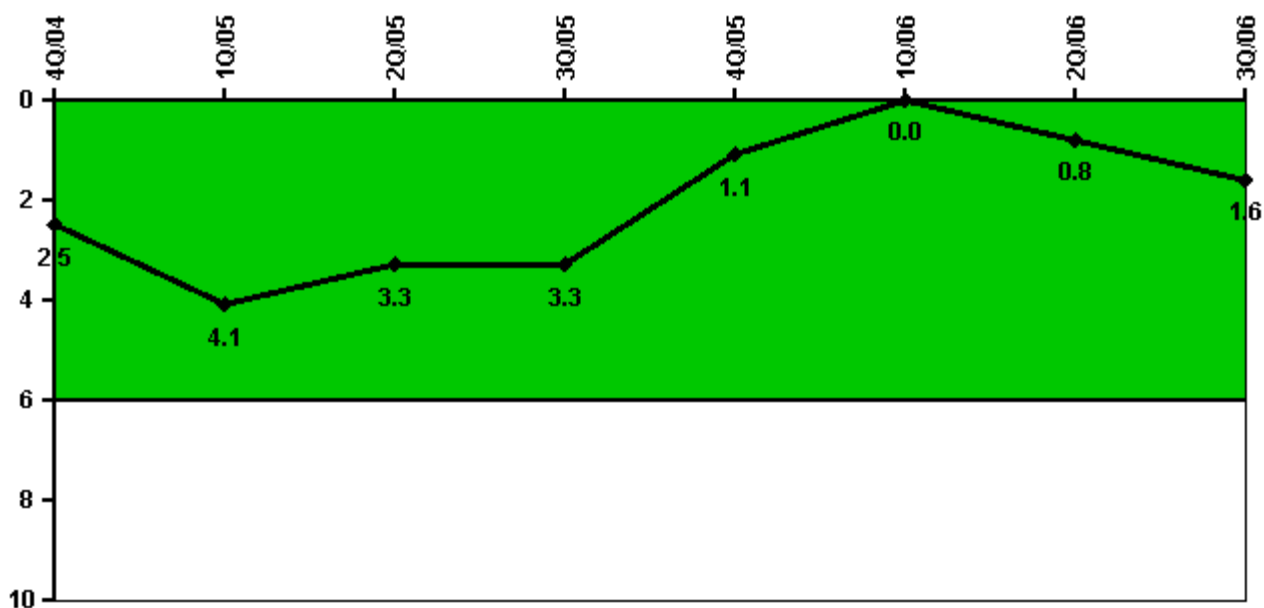
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

#### Notes

Scrams with Loss of Normal Heat Removal	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Scrams	0	1.0	0	0	0	0	0	0
Indicator value	0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Licensee Comments: none

### Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

#### Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Unplanned power changes	2.0	1.0	0	0	0	0	1.0	1.0
Critical hours	2152.0	653.2	1398.7	2208.0	2209.0	2160.0	2183.0	2208.0
Indicator value	2.5	4.1	3.3	3.3	1.1	0	0.8	1.6

Licensee Comments: none

### Safety System Functional Failures (BWR)



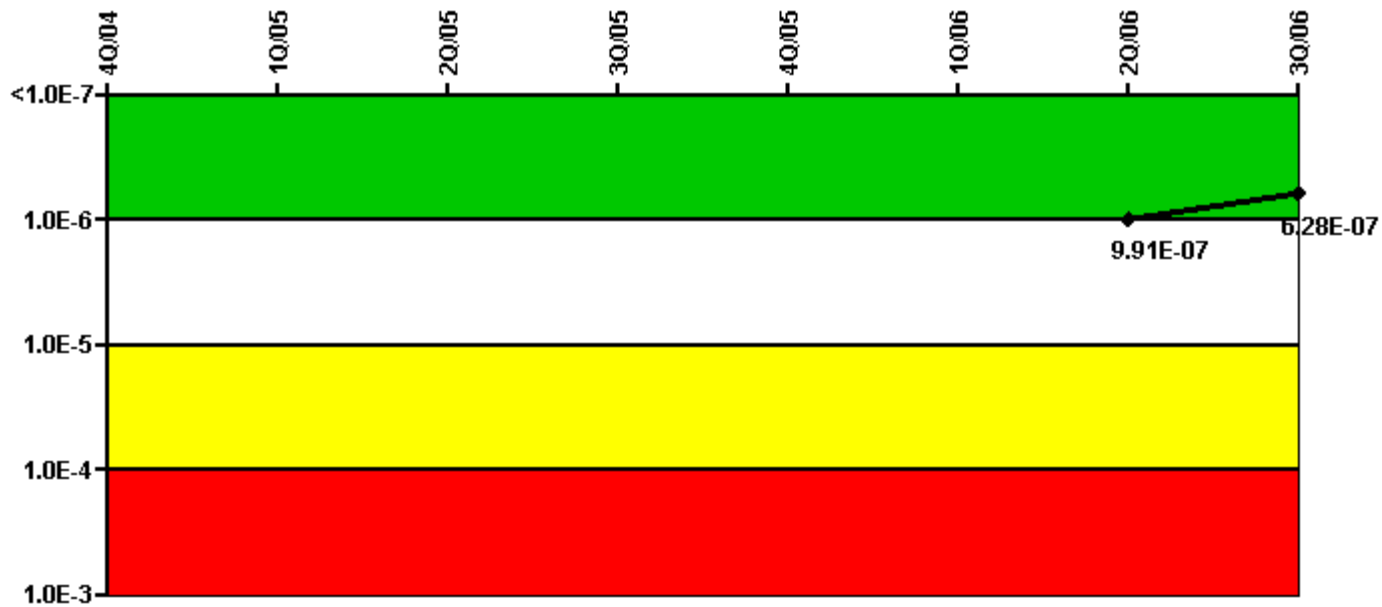
Thresholds: White > 6.0

#### Notes

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

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

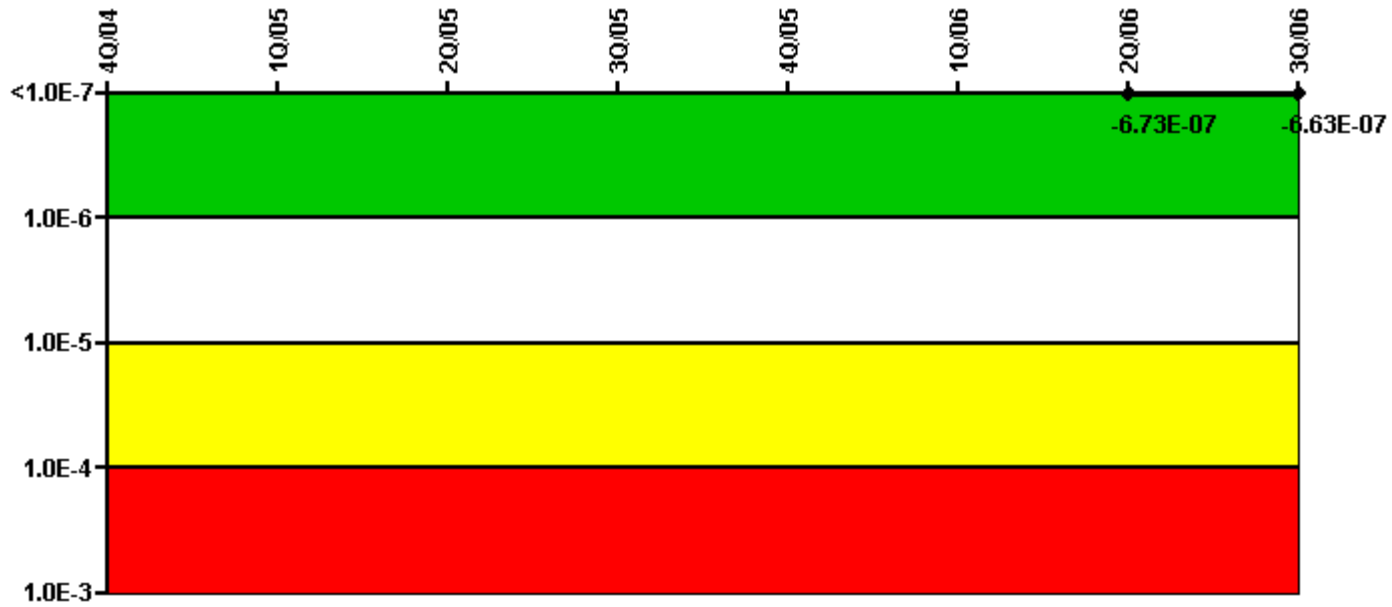
Mitigating Systems Performance Index, Emergency AC Power System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (ΔCDF)							9.10E-08	6.80E-08
URI (ΔCDF)							9.00E-07	5.60E-07
PLE							NO	NO
Indicator value							9.91E-07	6.28E-07

#### Licensee Comments:

3Q/06: Changed PRA Parameter(s). During development/approval of the revised Mitigating Systems Performance Index (MSPI) Basis Document (Revision 2), the determination of the applicable revision of the Cycle 11 Probabilistic Risk Assessment (PRA) model was unclear due to lack of specific guidance from NEI 99-02, Revision 4. This uncertainty has resulted in overwriting of PRA data in CDE (including reconstituting baseline data). Resolution of this issue continues and necessary changes to the basis document will be made along with resultant changes to the MSPI indicator in accordance with industry guidance. These changes may result in greater than minor effects on the MSPI indicator values in the Second Quarter 2006, Emergency AC Power System. In addition, the Frequently Asked Question process will be used to pursue the ultimate clarification of this issue.

2Q/06: Changed PRA Parameter(s).

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



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

#### Notes

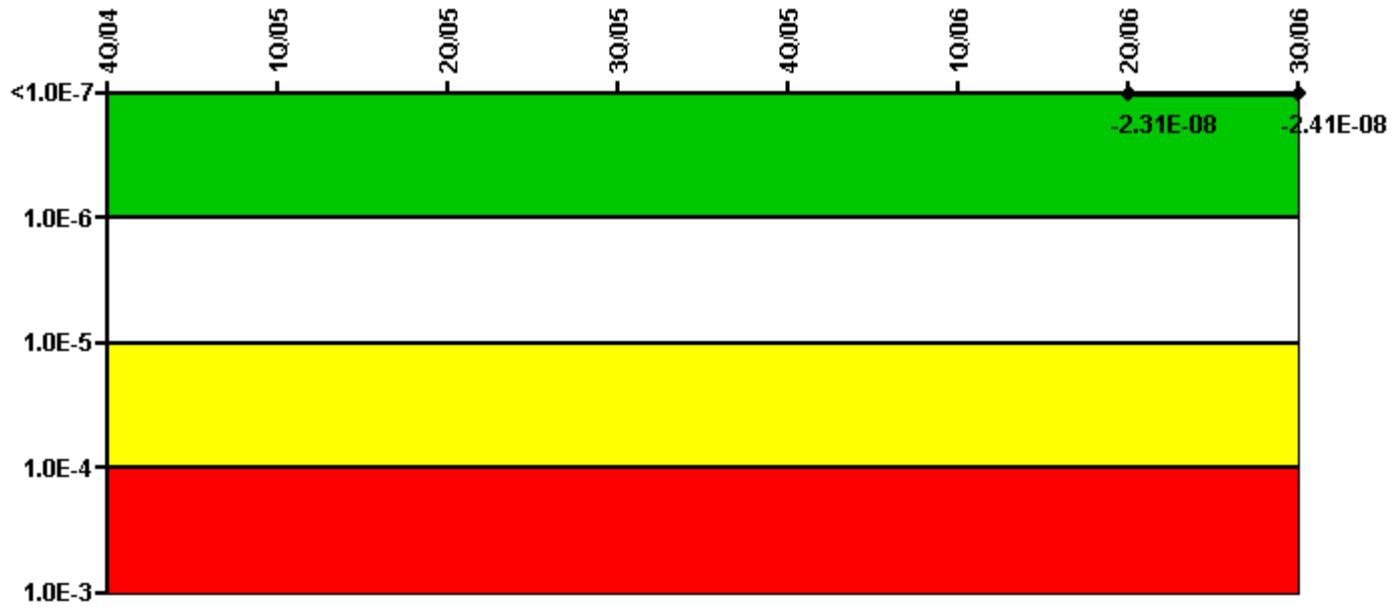
Mitigating Systems Performance Index, High Pressure Injection System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI ( $\Delta$ CDF)							-3.10E-09	-3.10E-09
URI ( $\Delta$ CDF)							-6.70E-07	-6.60E-07
PLE							NO	NO
Indicator value							-6.73E-07	-6.63E-07

Licensee Comments:

3Q/06: Changed PRA Parameter(s).

2Q/06: Changed PRA Parameter(s).

### Mitigating Systems Performance Index, Heat Removal System



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

**Notes**

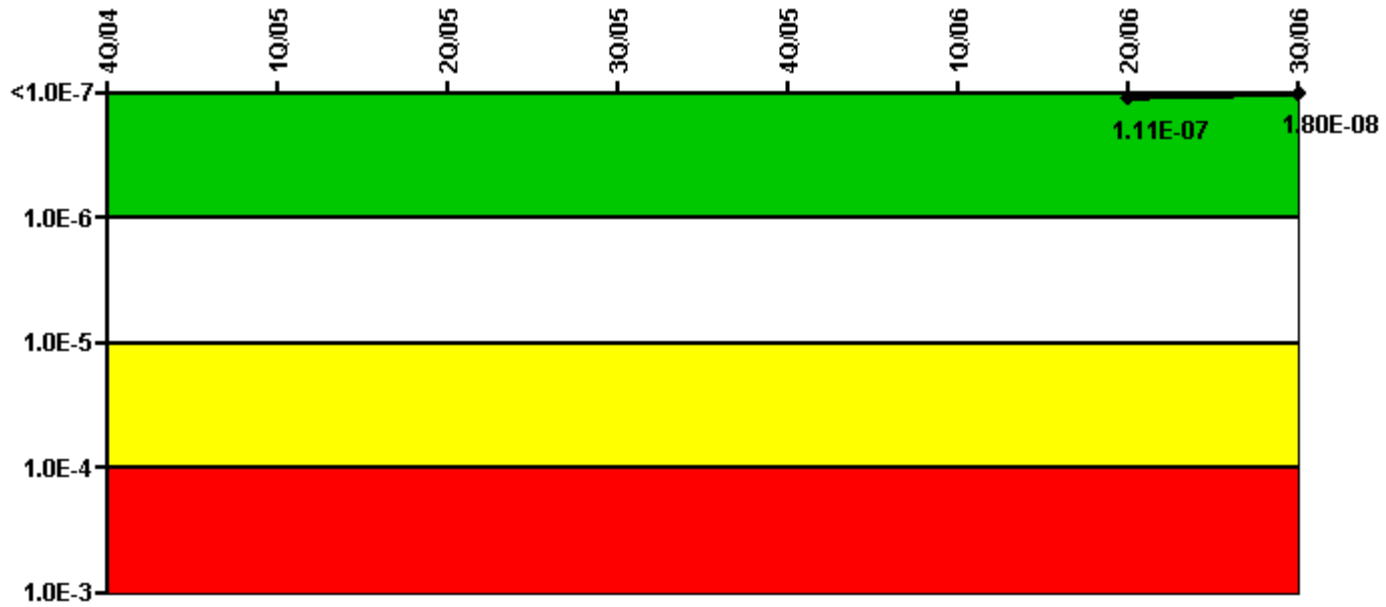
Mitigating Systems Performance Index, Heat Removal System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI ( $\Delta$ CDF)							-3.10E-09	-3.10E-09
URI ( $\Delta$ CDF)							-2.00E-08	-2.10E-08
PLE							NO	NO
Indicator value							-2.31E-08	-2.41E-08

Licensee Comments:

3Q/06: Changed PRA Parameter(s).

2Q/06: Changed PRA Parameter(s).

### 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	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (ΔCDF)							-4.90E-08	-5.60E-08
URI (ΔCDF)							1.60E-07	7.40E-08
PLE							NO	NO
Indicator value							1.11E-07	1.80E-08

Licensee Comments:

3Q/06: Changed PRA Parameter(s).

2Q/06: Changed PRA Parameter(s).



### Mitigating Systems Performance Index, Cooling Water Systems



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

#### Notes

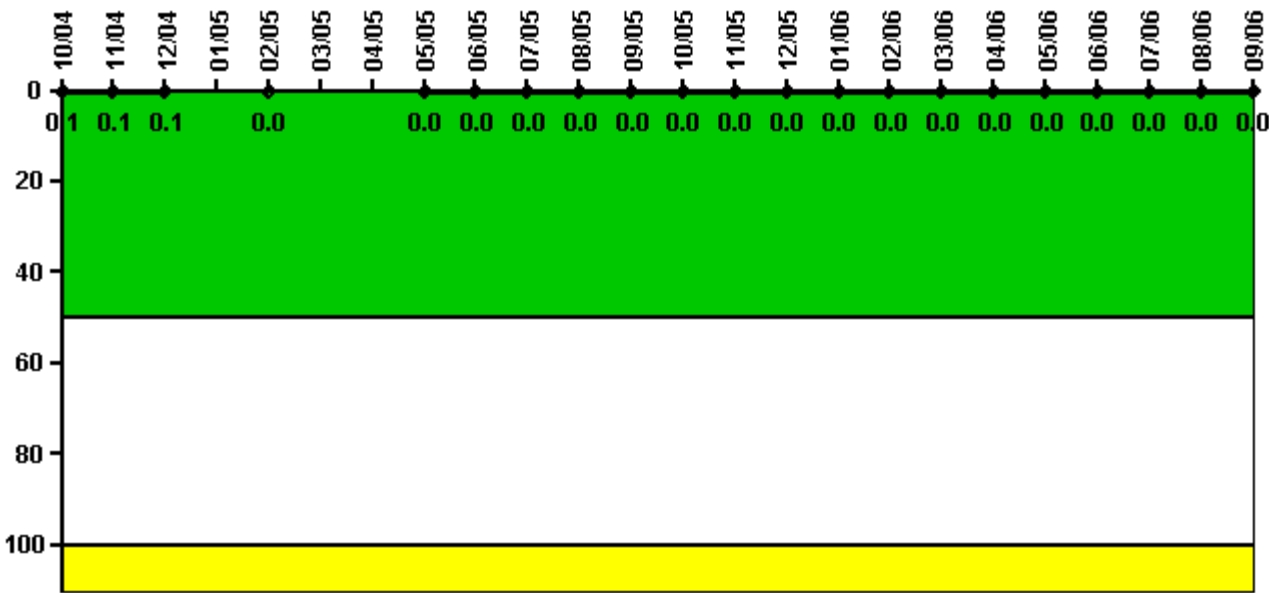
Mitigating Systems Performance Index, Cooling Water Systems	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (ΔCDF)							8.80E-08	3.00E-08
URI (ΔCDF)							6.80E-08	-9.00E-08
PLE							NO	NO
Indicator value							1.56E-07	-6.00E-08

Licensee Comments:

3Q/06: Changed PRA Parameter(s).

2Q/06: Changed PRA Parameter(s).

### Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

#### Notes

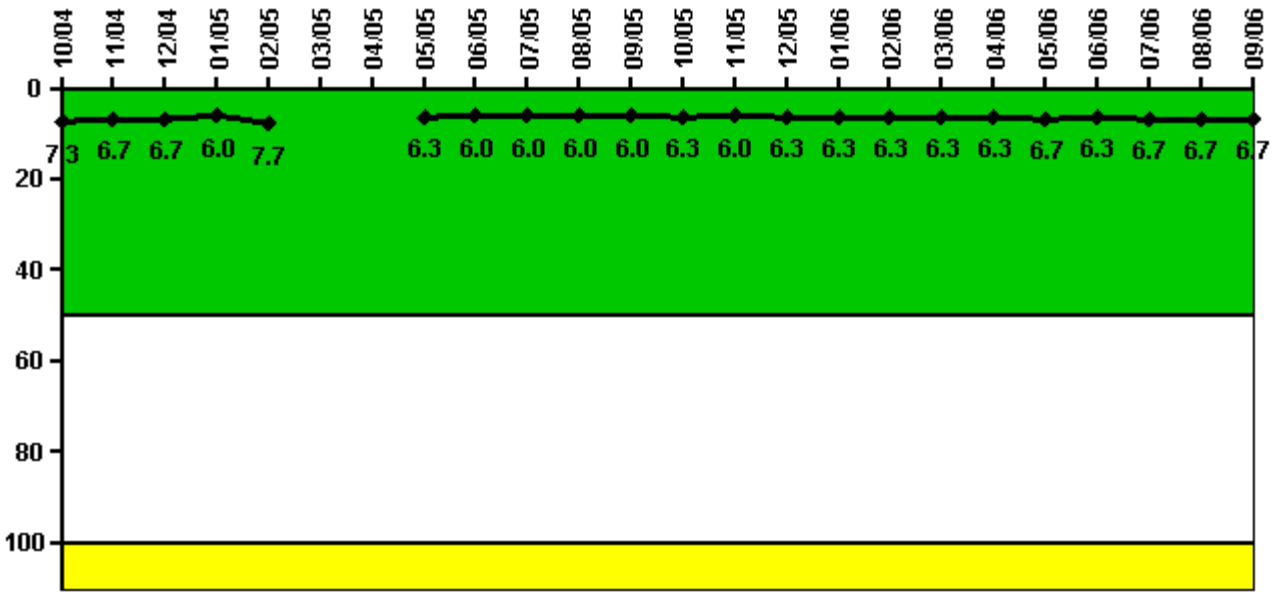
Reactor Coolant System Activity	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05
Maximum activity	0.000115	0.000140	0.000134	N/A	0.000057	N/A	N/A	0.000030	0.000032	0.000029	0.000036	0.000054
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0.1	0.1	0.1	N/A	0	N/A	N/A	0	0	0	0	0

Reactor Coolant System Activity	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06
Maximum activity	0.000034	0.000032	0.000035	0.000048	0.000035	0.000046	0.000042	0.000045	0.000034	0.000037	0.000044	0.000043
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

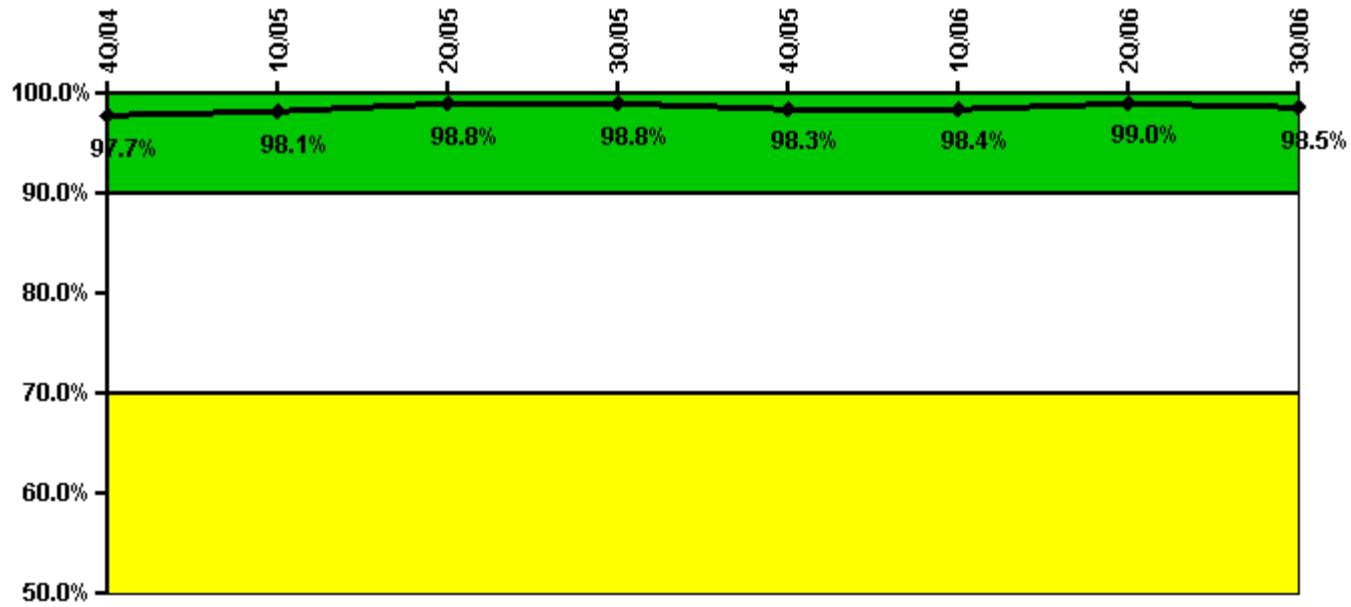
Reactor Coolant System Leakage	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05
Maximum leakage	2.200	2.000	2.000	1.800	2.300	N/A	N/A	1.900	1.800	1.800	1.800	1.800
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	7.3	6.7	6.7	6.0	7.7	N/A	N/A	6.3	6.0	6.0	6.0	6.0

Reactor Coolant System Leakage	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06
Maximum leakage	1.900	1.800	1.900	1.900	1.900	1.900	1.900	2.000	1.900	2.000	2.000	2.000
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	6.3	6.0	6.3	6.3	6.3	6.3	6.3	6.7	6.3	6.7	6.7	6.7

Licensee Comments: none

### Drill/Exercise Performance



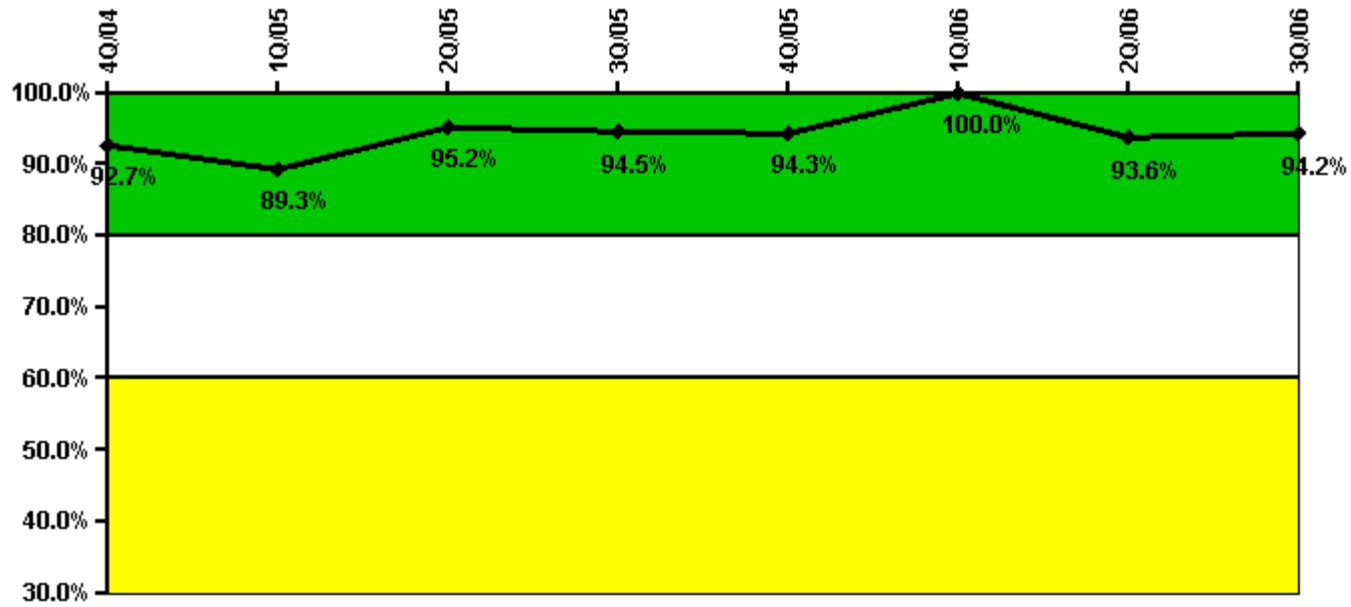
Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

Drill/Exercise Performance	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Successful opportunities	50.0	0	20.0	10.0	43.0	26.0	22.0	24.0
Total opportunities	50.0	0	20.0	10.0	44.0	26.0	22.0	26.0
Indicator value	97.7%	98.1%	98.8%	98.8%	98.3%	98.4%	99.0%	98.5%

Licensee Comments: none

### ERO Drill Participation



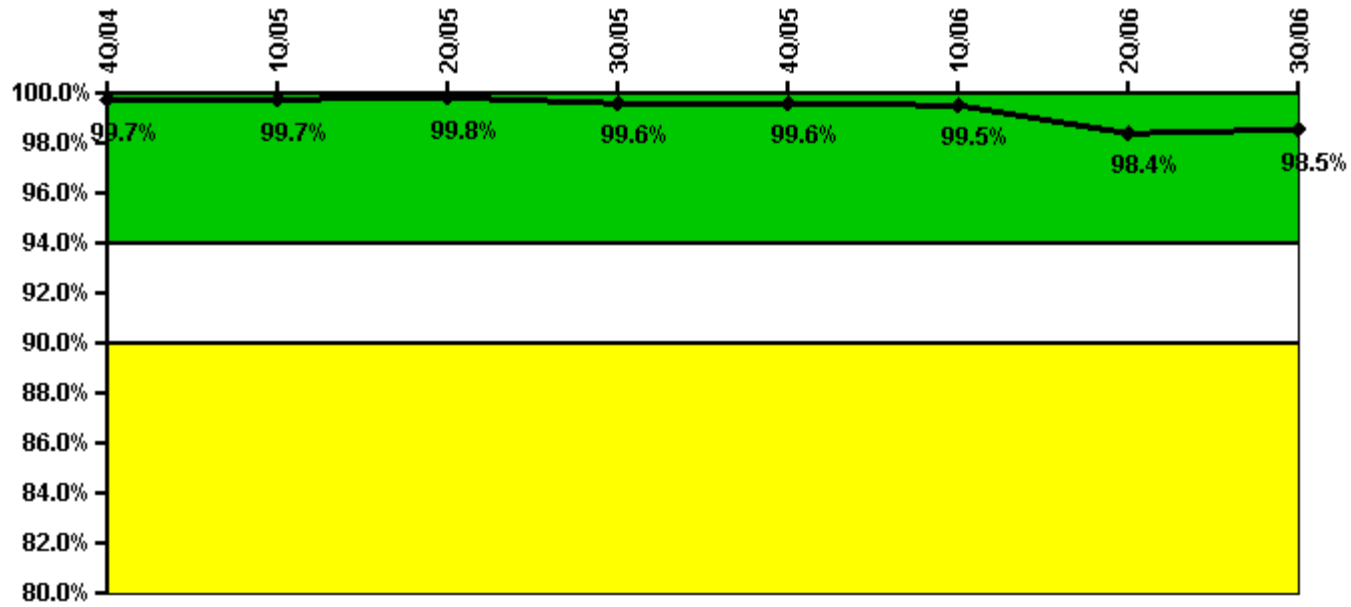
Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

ERO Drill Participation	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Participating Key personnel	127.0	117.0	119.0	121.0	133.0	166.0	162.0	162.0
Total Key personnel	137.0	131.0	125.0	128.0	141.0	166.0	173.0	172.0
Indicator value	92.7%	89.3%	95.2%	94.5%	94.3%	100.0%	93.6%	94.2%

Licensee Comments: none

### Alert & Notification System



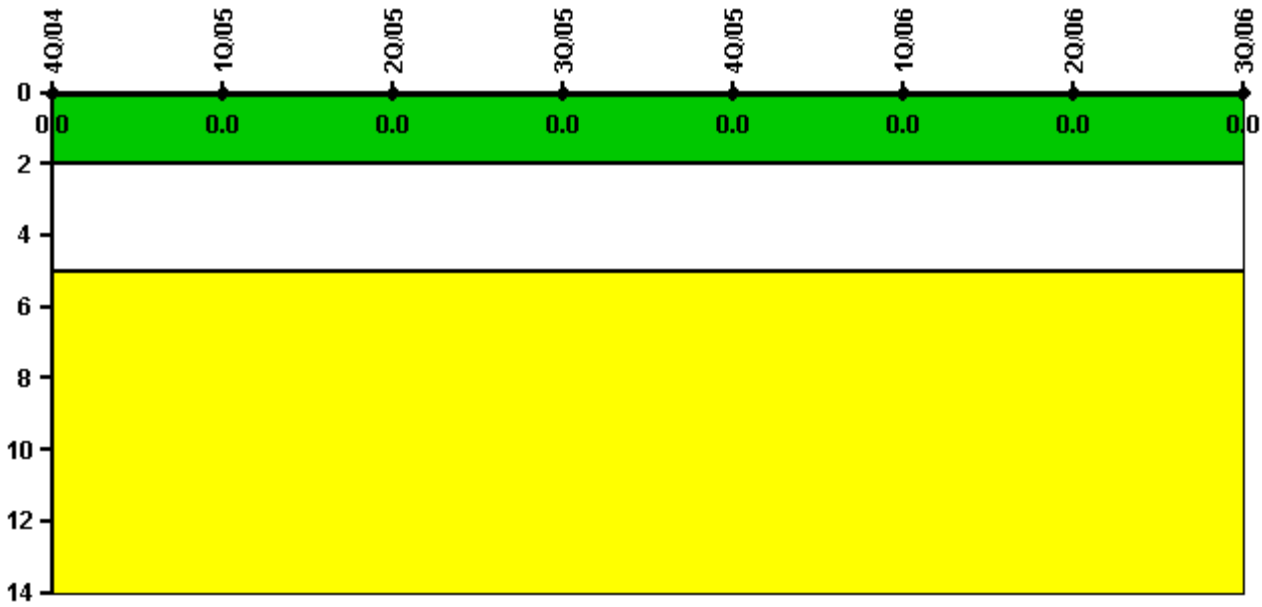
Thresholds: White < 94.0% Yellow < 90.0%

#### Notes

Alert & Notification System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Successful siren-tests	529	531	531	528	529	529	508	531
Total sirens-tests	532	532	532	532	532	532	532	532
Indicator value	99.7%	99.7%	99.8%	99.6%	99.6%	99.5%	98.4%	98.5%

Licensee Comments: none

### Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

#### Notes

Occupational Exposure Control Effectiveness	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
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	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/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.