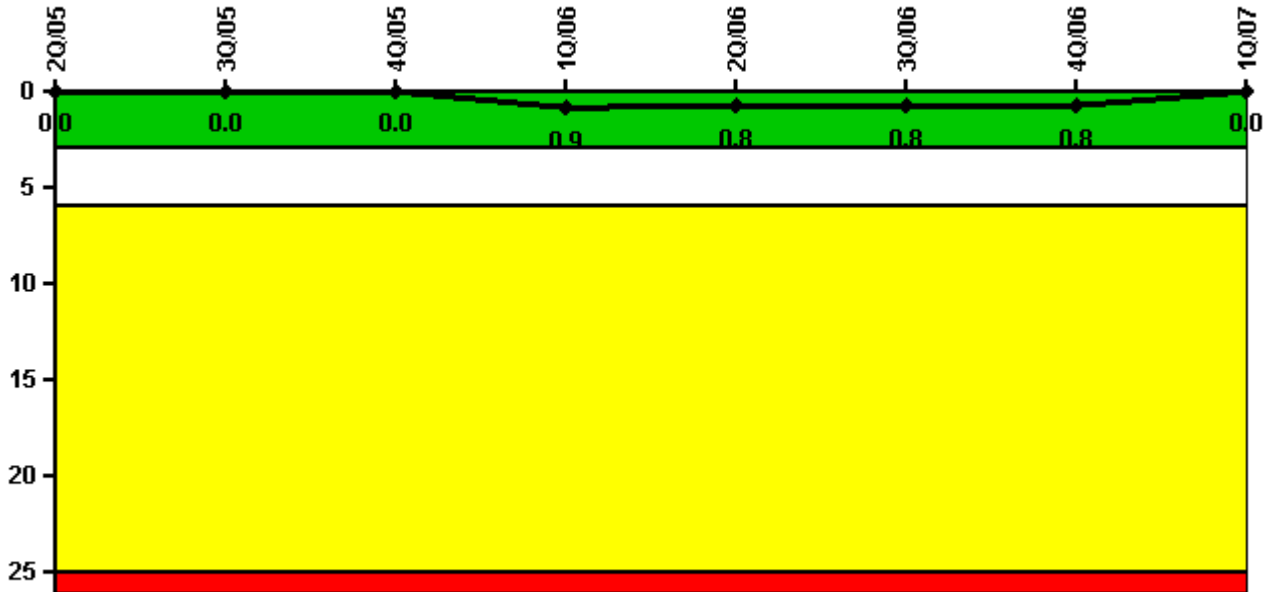


Pilgrim 1

1Q/2007 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



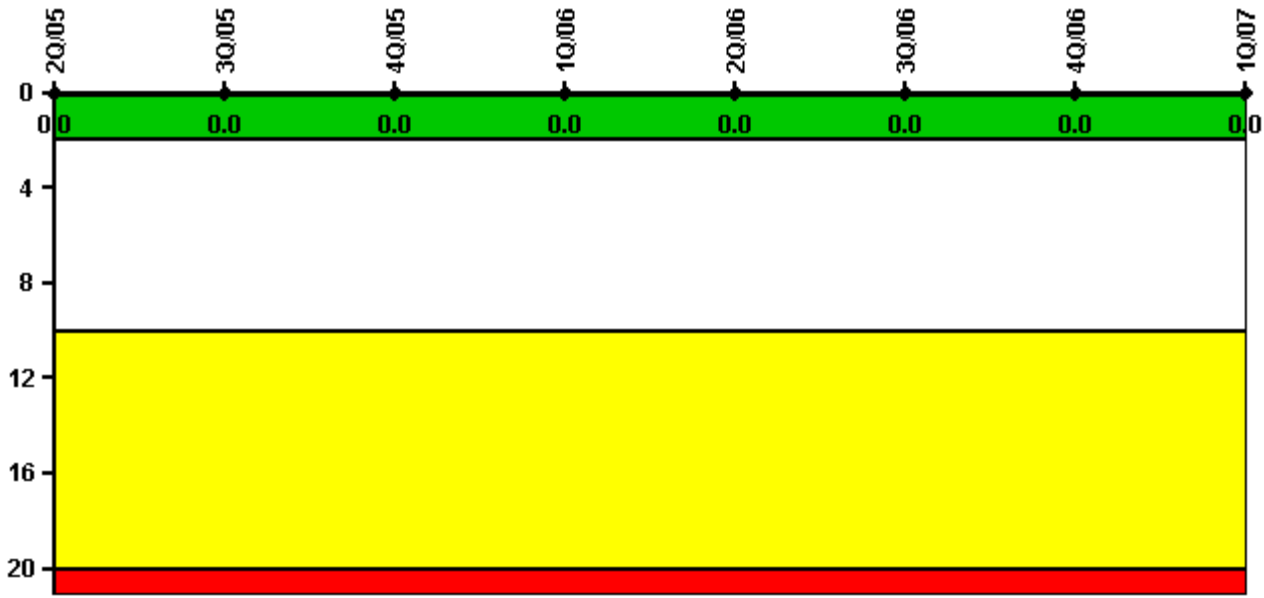
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Unplanned scrams	0	0	0	1.0	0	0	0	0
Critical hours	1632.3	2208.0	2209.0	2122.0	2183.0	2208.0	2209.0	2112.8
Indicator value	0	0	0	0.9	0.8	0.8	0.8	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



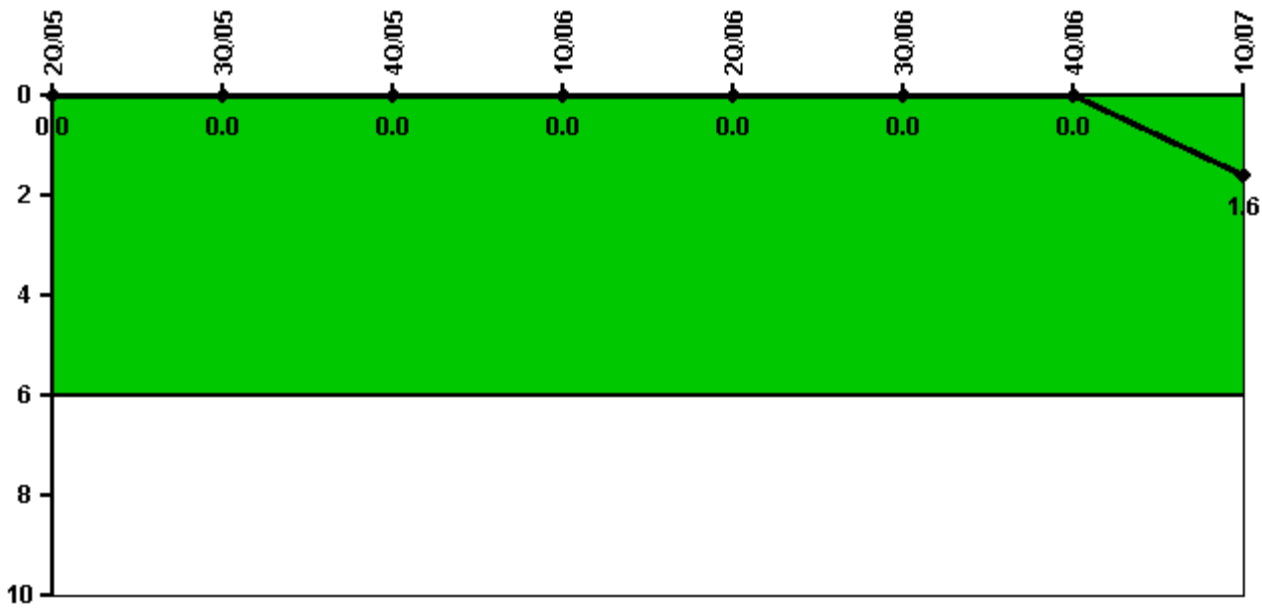
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
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



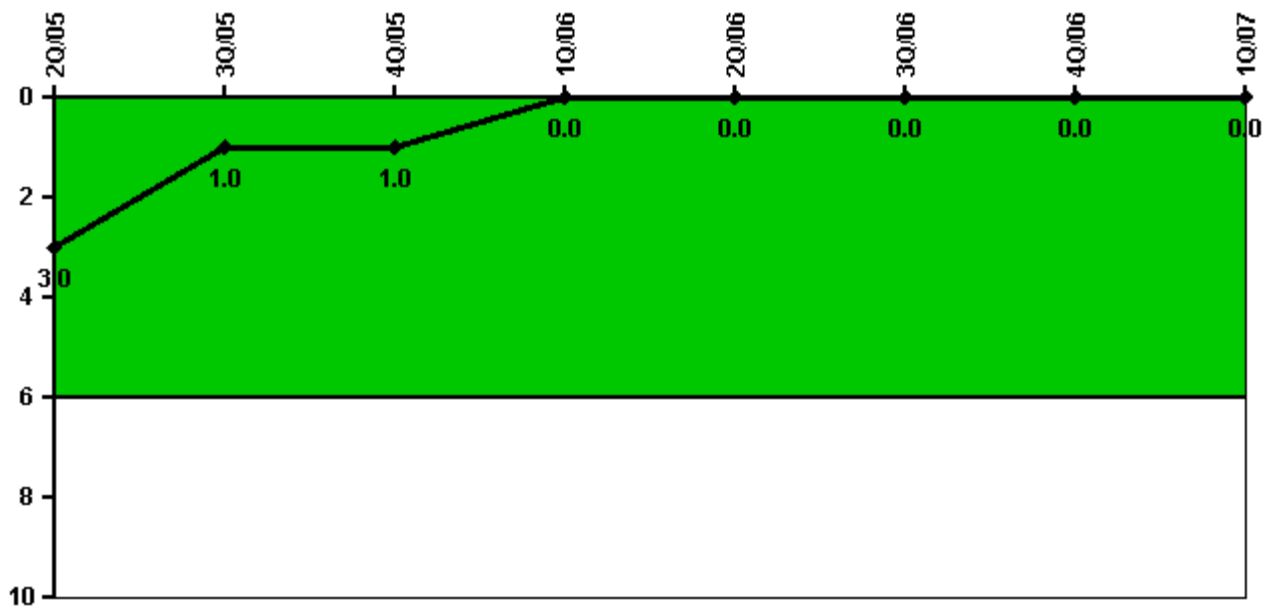
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Unplanned power changes	0	0	0	0	0	0	0	2.0
Critical hours	1632.3	2208.0	2209.0	2122.0	2183.0	2208.0	2209.0	2112.8
Indicator value	0	0	0	0	0	0	0	1.6

Licensee Comments: none

Safety System Functional Failures (BWR)



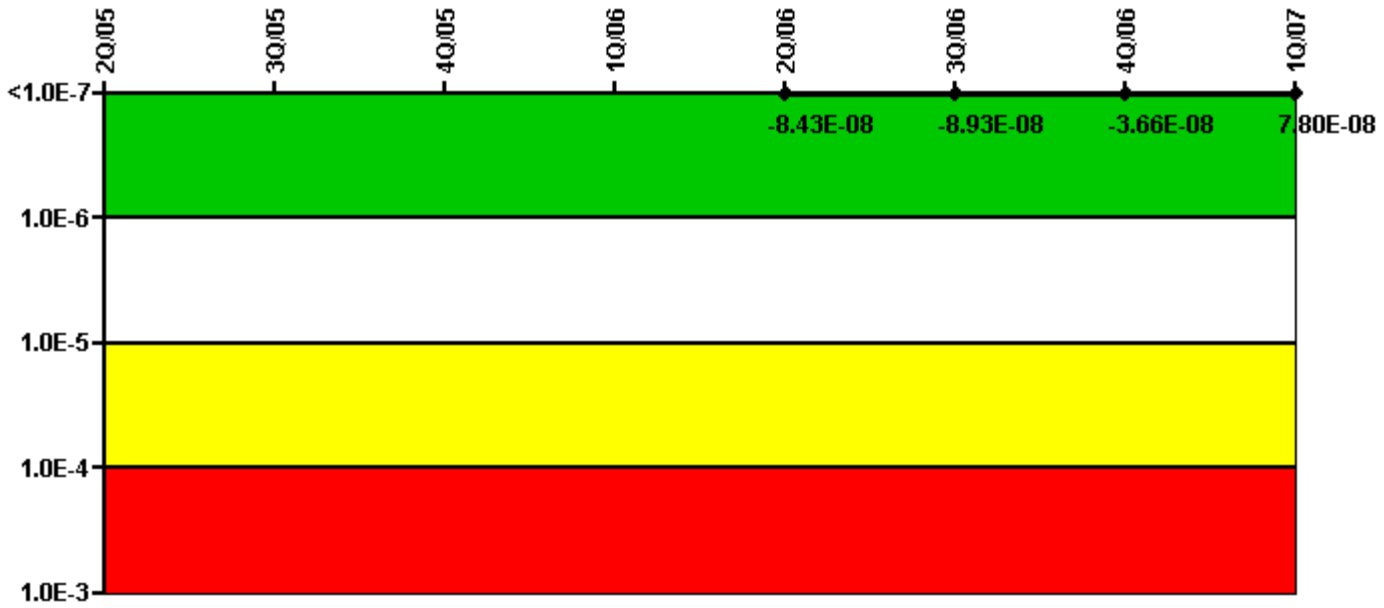
Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	3	1	1	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



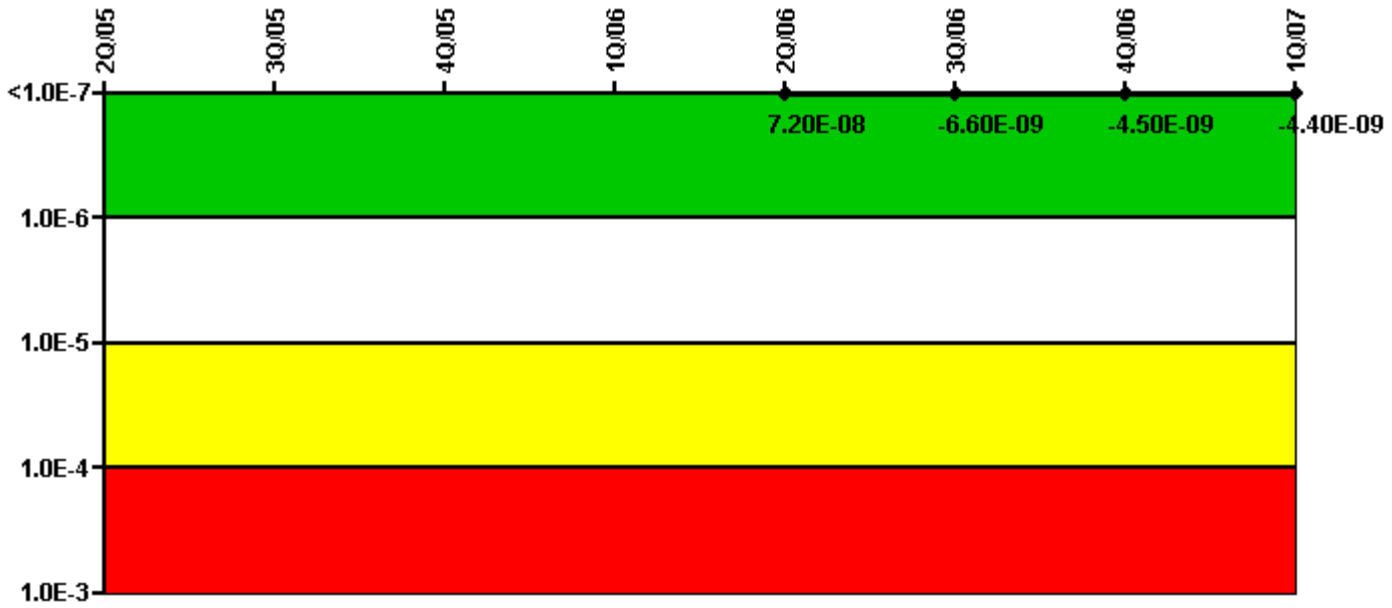
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (ΔCDF)					1.70E-09	-3.30E-10	1.40E-09	1.80E-08
URI (ΔCDF)					-8.60E-08	-8.90E-08	-3.80E-08	6.00E-08
PLE					NO	NO	NO	NO
Indicator value					-8.43E-08	-8.93E-08	-3.66E-08	7.80E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



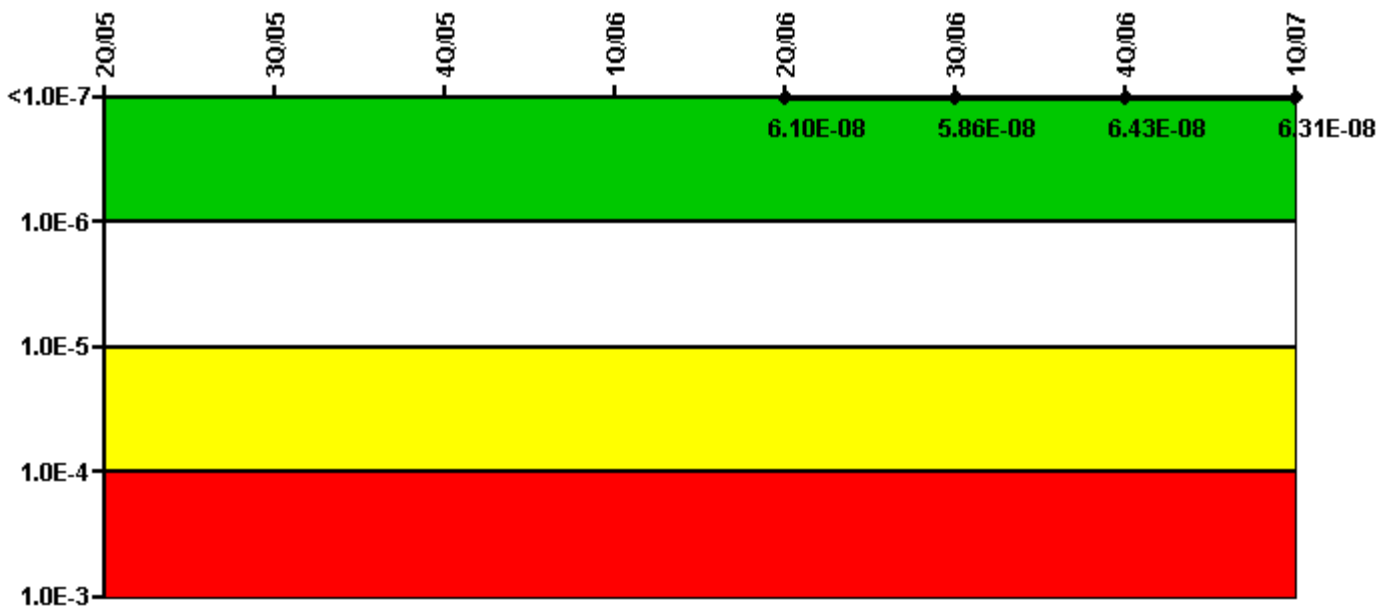
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (Δ CDF)					2.10E-08	6.40E-09	7.50E-09	6.60E-09
URI (Δ CDF)					5.10E-08	-1.30E-08	-1.20E-08	-1.10E-08
PLE					NO	NO	NO	NO
Indicator value					7.20E-08	-6.60E-09	-4.50E-09	-4.40E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



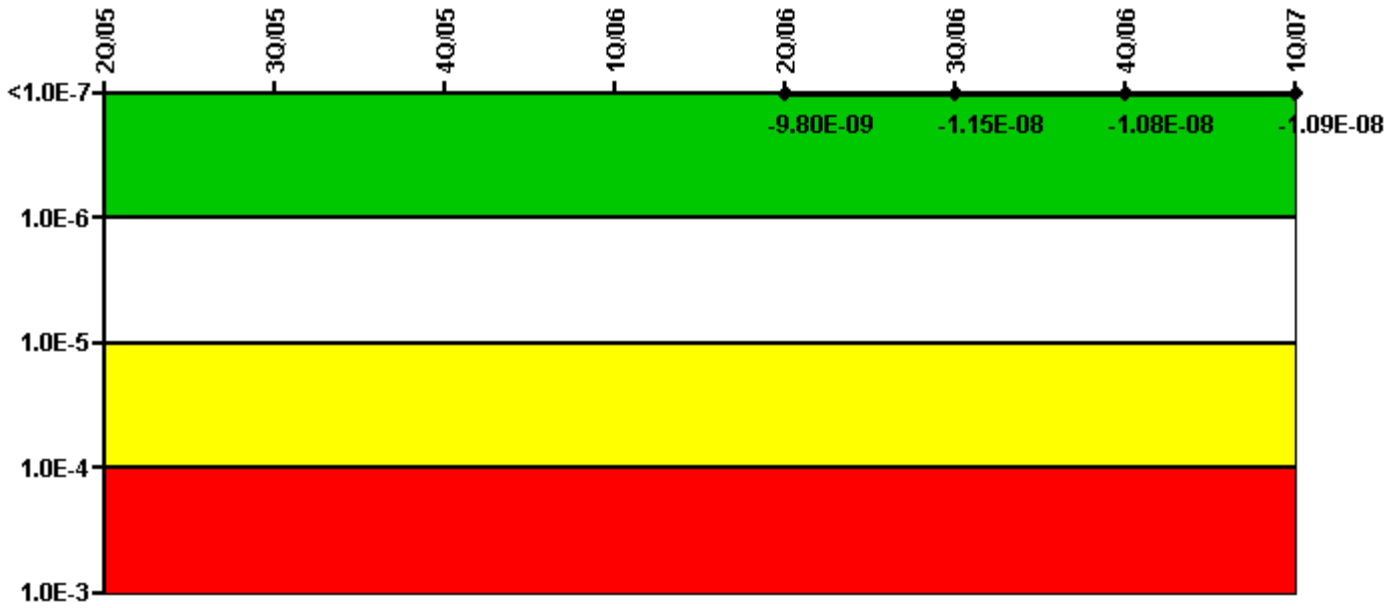
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (Δ CDF)					-9.00E-09	-6.40E-09	-5.70E-09	-1.90E-09
URI (Δ CDF)					7.00E-08	6.50E-08	7.00E-08	6.50E-08
PLE					NO	NO	NO	NO
Indicator value					6.10E-08	5.86E-08	6.43E-08	6.31E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



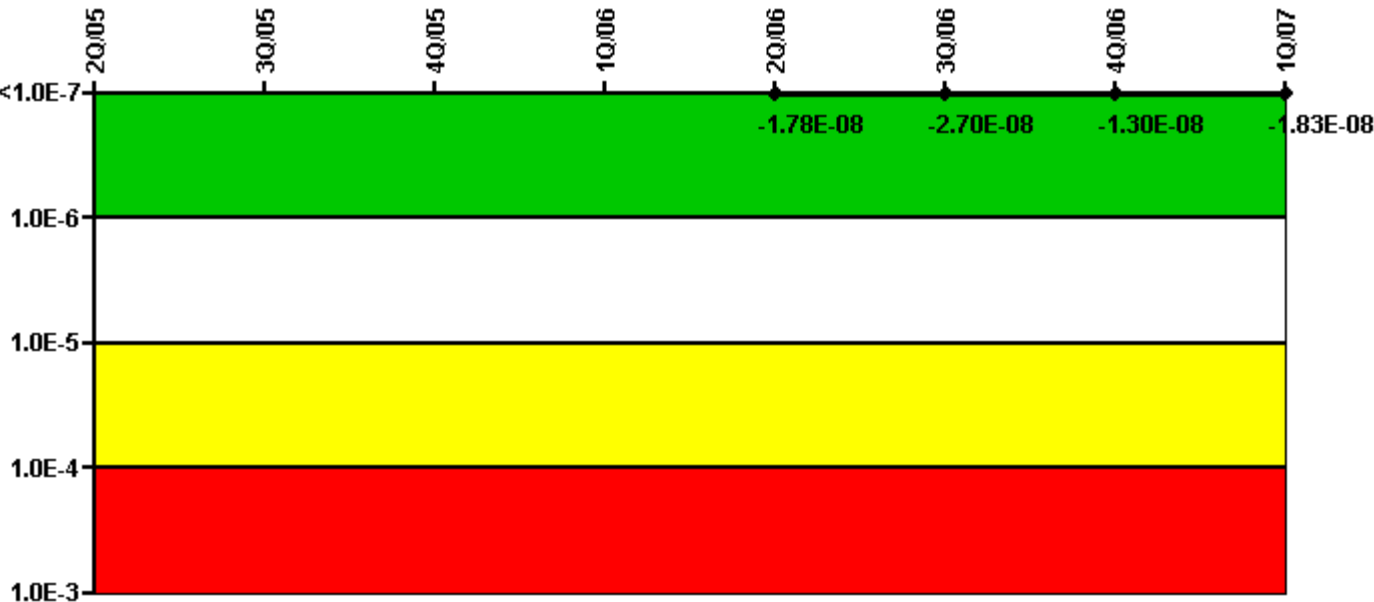
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (Δ CDF)					-7.00E-10	-2.40E-09	-2.00E-09	-2.10E-09
URI (Δ CDF)					-9.10E-09	-9.10E-09	-8.80E-09	-8.80E-09
PLE					NO	NO	NO	NO
Indicator value					-9.80E-09	-1.15E-08	-1.08E-08	-1.09E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



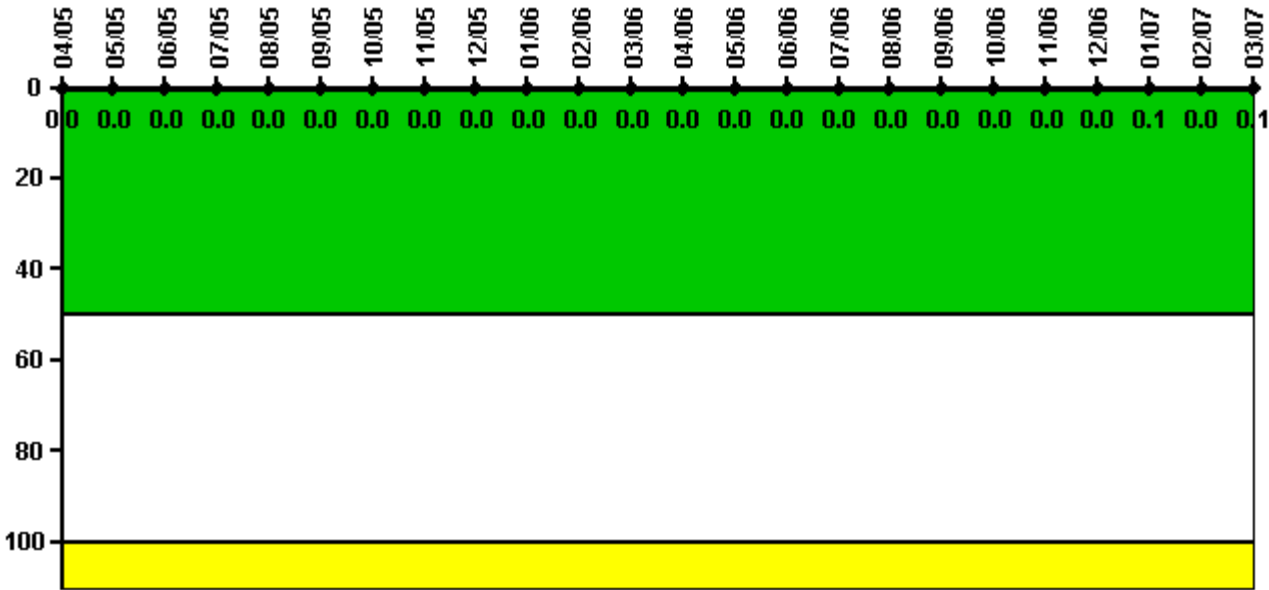
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (ΔCDF)					-2.80E-09	-2.00E-09	1.20E-08	7.70E-09
URI (ΔCDF)					-1.50E-08	-2.50E-08	-2.50E-08	-2.60E-08
PLE					NO	NO	NO	NO
Indicator value					-1.78E-08	-2.70E-08	-1.30E-08	-1.83E-08

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

Notes

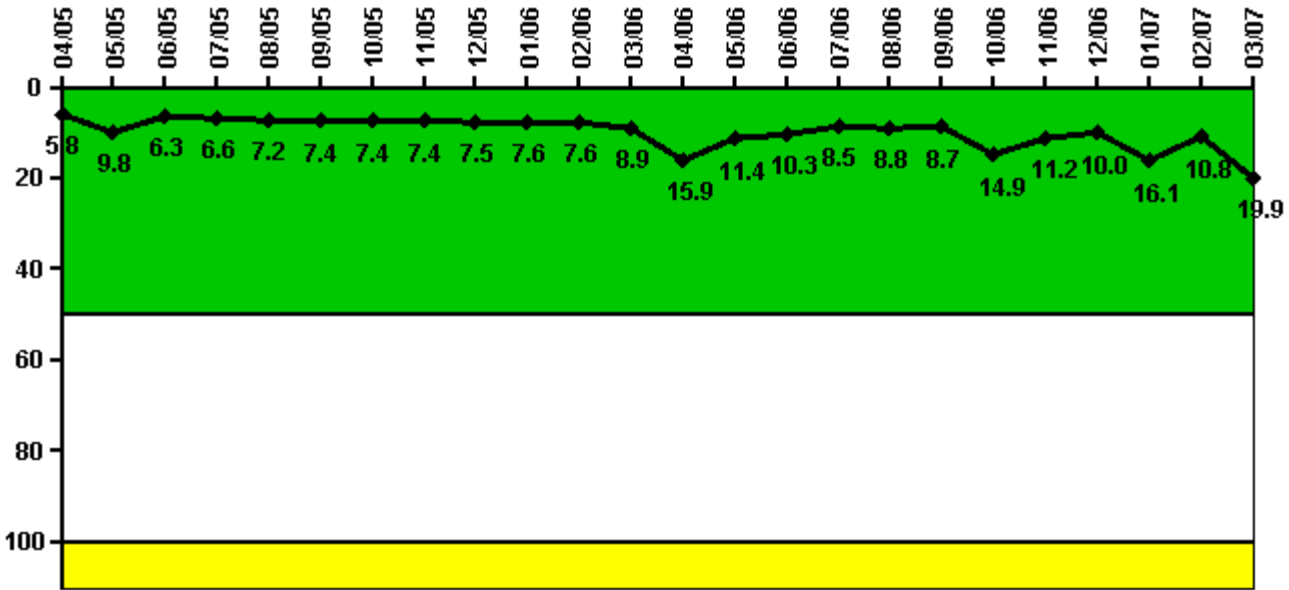
Reactor Coolant System Activity	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06
Maximum activity	0.003200	0.002380	0.002700	0.002810	0.002940	0.002570	0.002780	0.002850	0.003200	0.002810	0.002840	0.002980
Technical specification limit	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07
Maximum activity	0.002540	0.002550	0.002440	0.002520	0.004050	0.002570	0.002590	0.002430	0.002950	0.012000	0.009470	0.018400
Technical specification limit	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
Indicator value	0	0	0	0	0	0	0	0	0	0.1	0	0.1

Licensee Comments:

3/07: Indicates reactor coolant activity, expressed as a percentage of the Technical Specifications limit for Iodine. Technical Specifications do not specify a limit for Iodine-131.

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

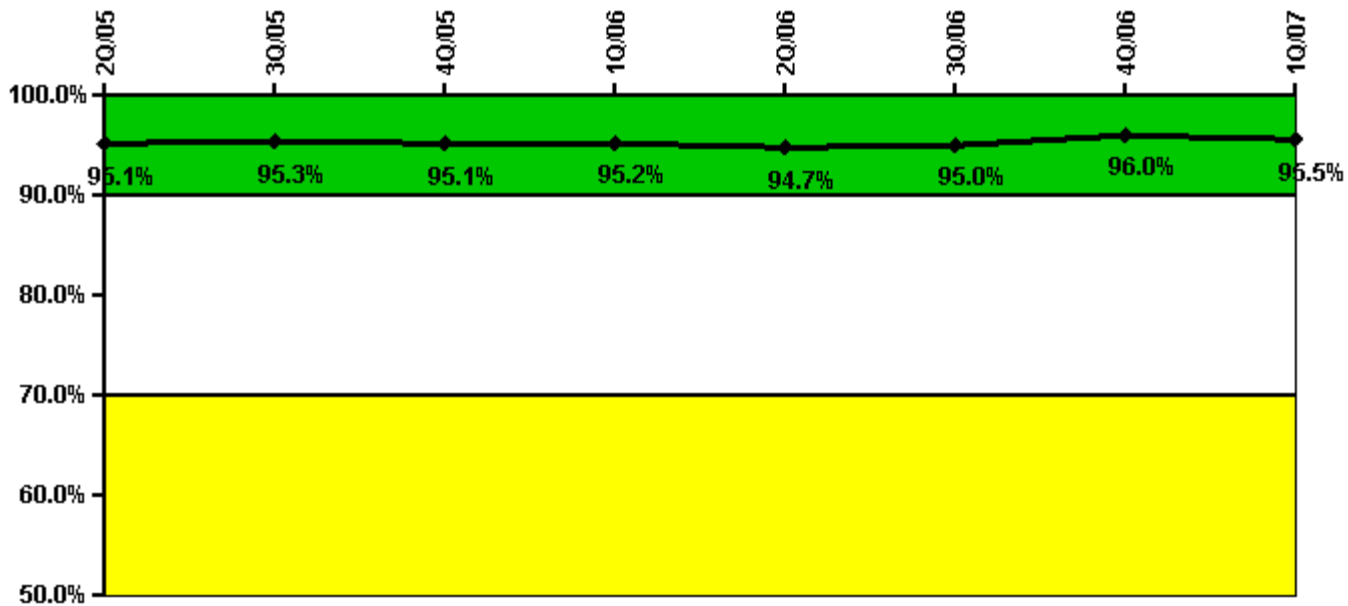
Notes

Reactor Coolant System Leakage	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06
Maximum leakage	1.460	2.450	1.570	1.660	1.790	1.860	1.850	1.860	1.880	1.910	1.890	2.230
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	5.8	9.8	6.3	6.6	7.2	7.4	7.4	7.4	7.5	7.6	7.6	8.9
Reactor Coolant System Leakage	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07
Maximum leakage	3.970	2.850	2.570	2.120	2.200	2.180	3.720	2.790	2.500	4.020	2.690	4.980
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	15.9	11.4	10.3	8.5	8.8	8.7	14.9	11.2	10.0	16.1	10.8	19.9

Licensee Comments:

3/07: Reflects total leakage (identified plus un-identified), expressed as a percentage of the Technical Specifications limit. Technical Specifications specify un-identified and total leakage; does not specify identified leakage.

Drill/Exercise Performance



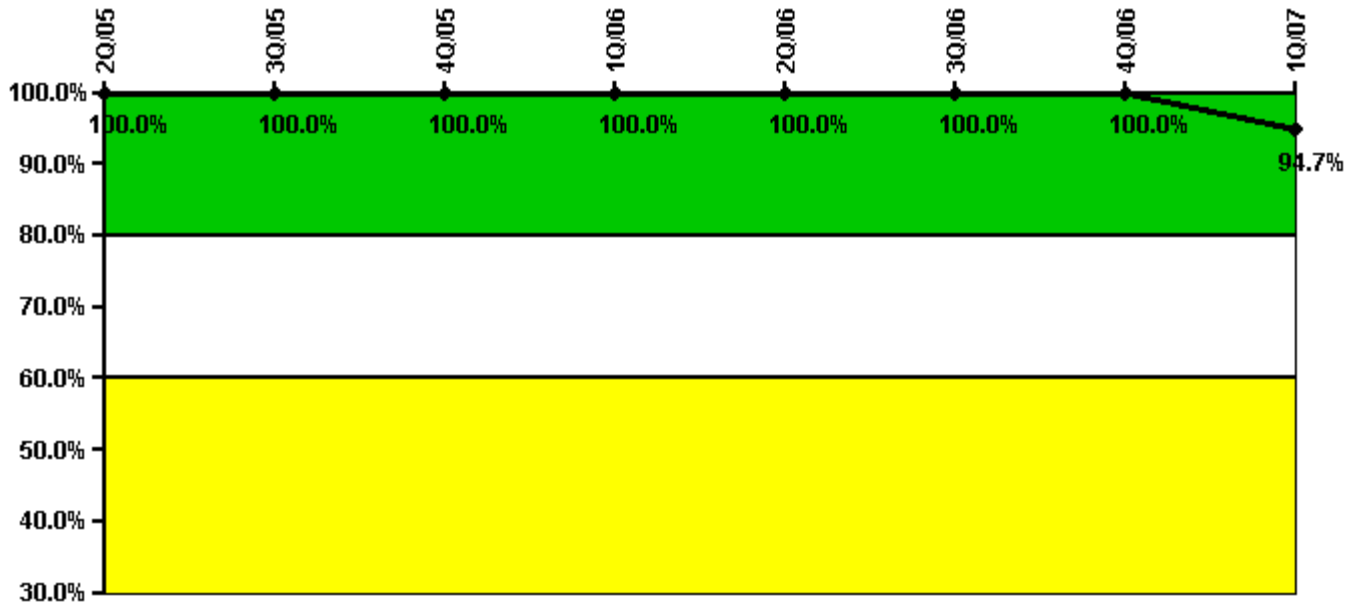
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Successful opportunities	17.0	57.0	24.0	23.0	25.0	82.0	34.0	11.0
Total opportunities	18.0	60.0	25.0	26.0	27.0	84.0	34.0	12.0
Indicator value	95.1%	95.3%	95.1%	95.2%	94.7%	95.0%	96.0%	95.5%

Licensee Comments: none

ERO Drill Participation



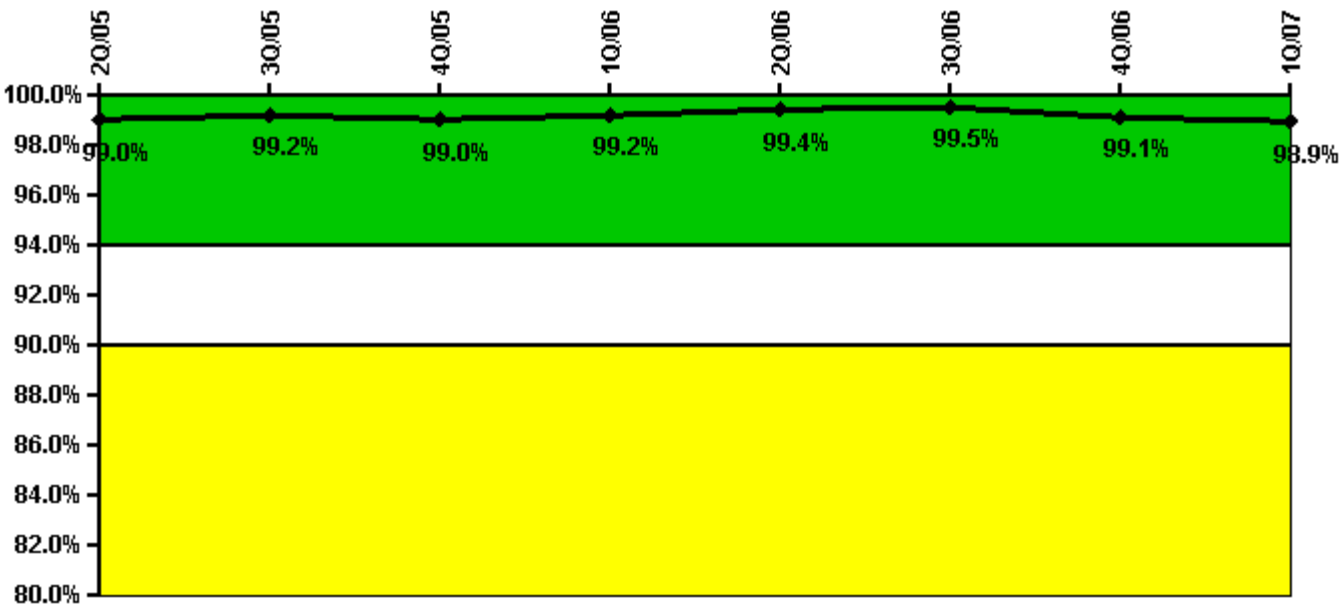
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Participating Key personnel	63.0	60.0	61.0	58.0	58.0	58.0	57.0	54.0
Total Key personnel	63.0	60.0	61.0	58.0	58.0	58.0	57.0	57.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	94.7%

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Successful siren-tests	331	331	444	336	335	337	443	336
Total sirens-tests	336	334	448	336	337	339	452	339
Indicator value	99.0%	99.2%	99.0%	99.2%	99.4%	99.5%	99.1%	98.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
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/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
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.