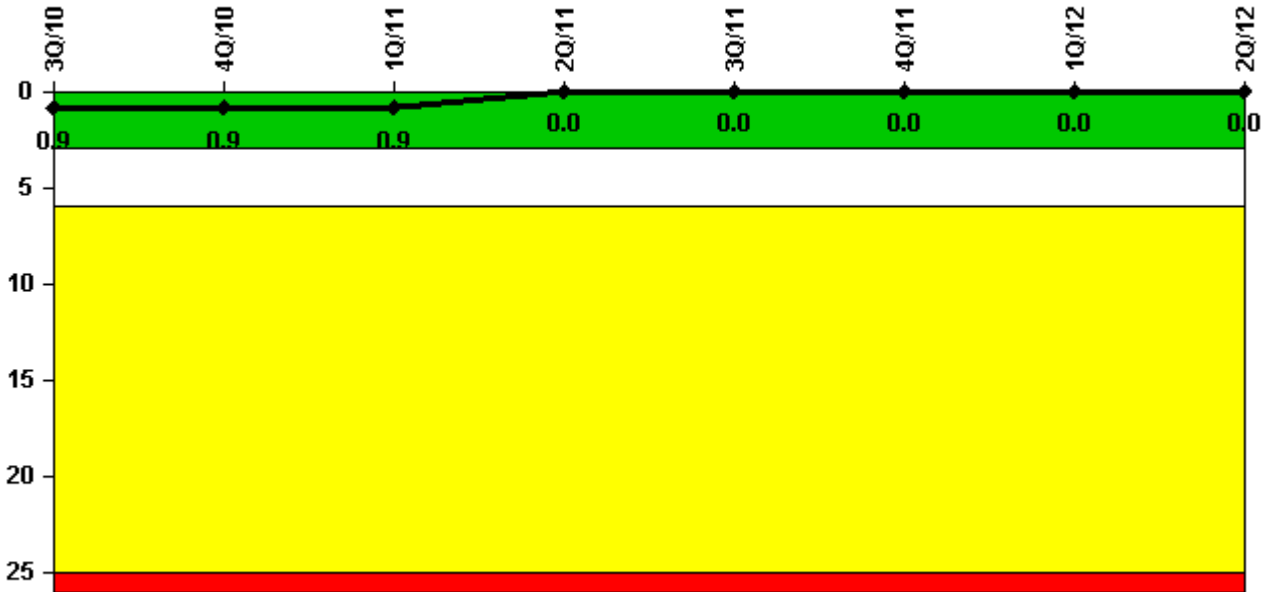


Vermont Yankee

2Q/2012 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



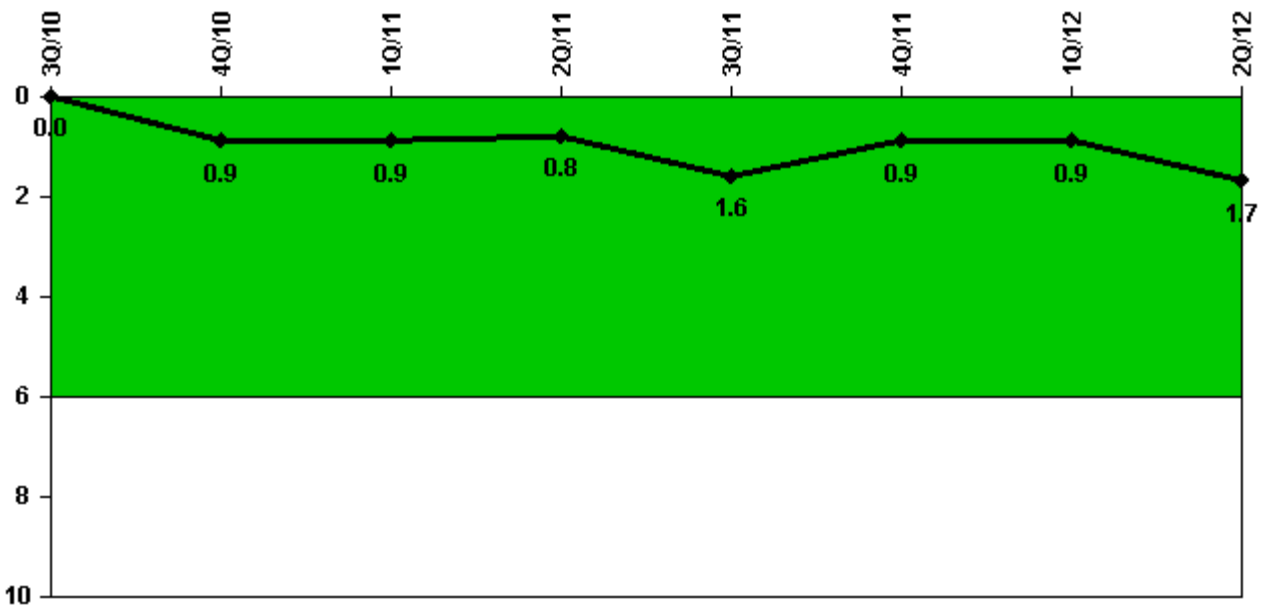
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2208.0	2149.5	2159.0	2184.0	2208.0	1626.3	2183.0	2184.0
Indicator value	0.9	0.9	0.9	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

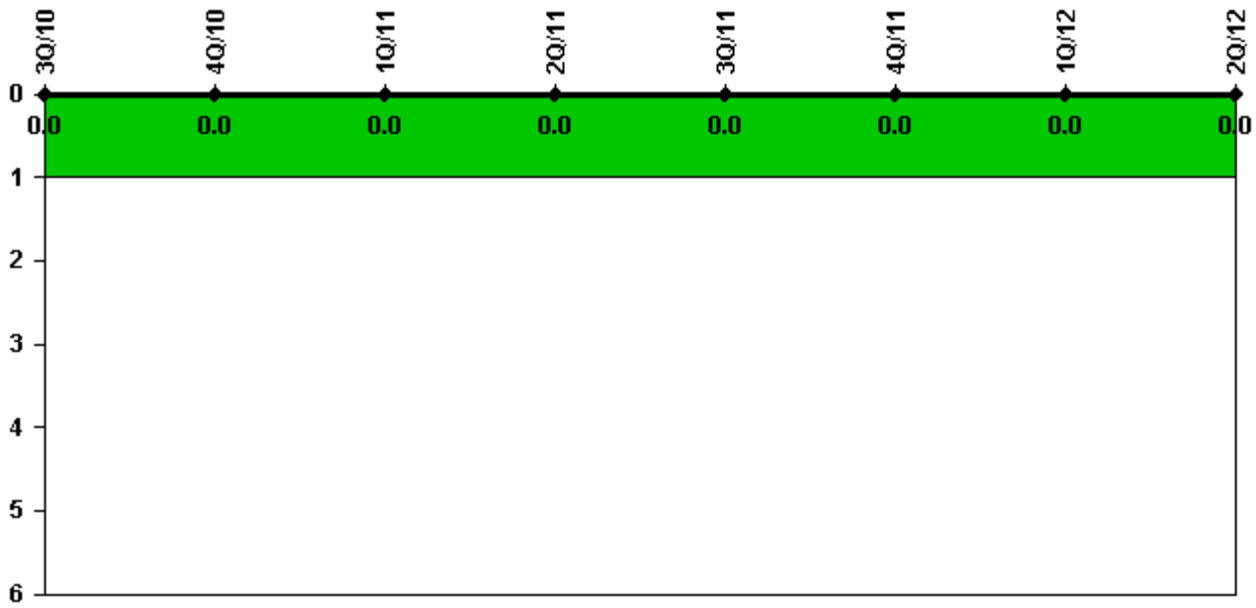
Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Unplanned power changes	0	1.0	0	0	1.0	0	0	1.0
Critical hours	2208.0	2149.5	2159.0	2184.0	2208.0	1626.3	2183.0	2184.0
Indicator value	0	0.9	0.9	0.8	1.6	0.9	0.9	1.7

Licensee Comments:

3Q/11: Recirculation Pump motor generator (MG) set trip

Unplanned Scrams with Complications



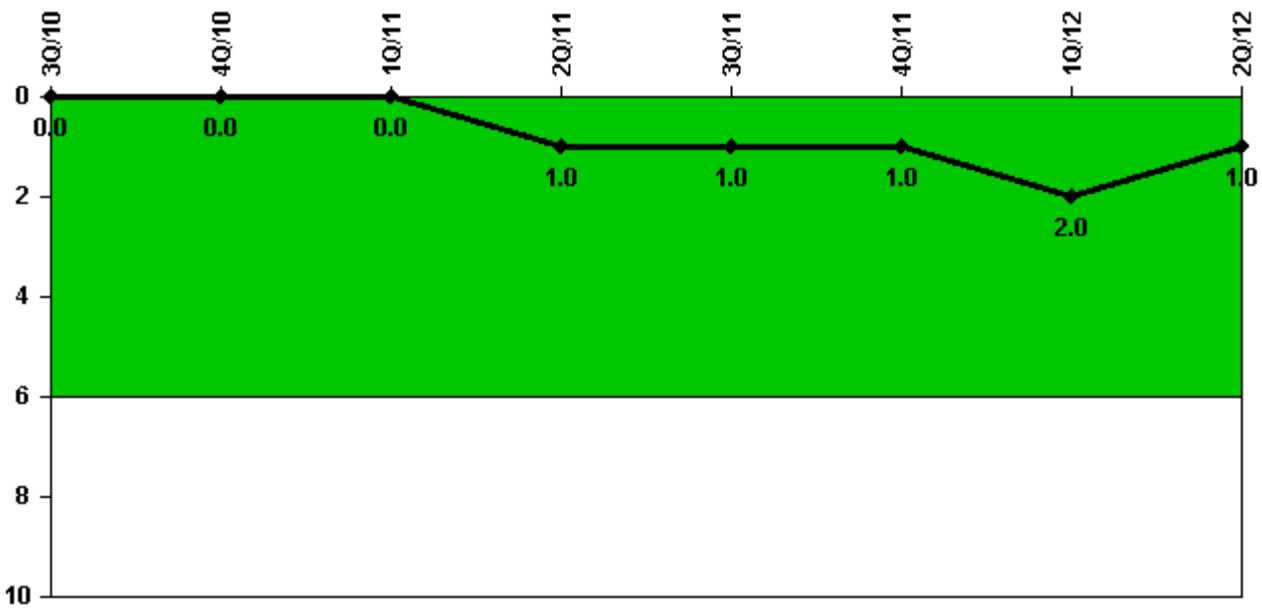
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
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	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (BWR)



Thresholds: White > 6.0

Notes

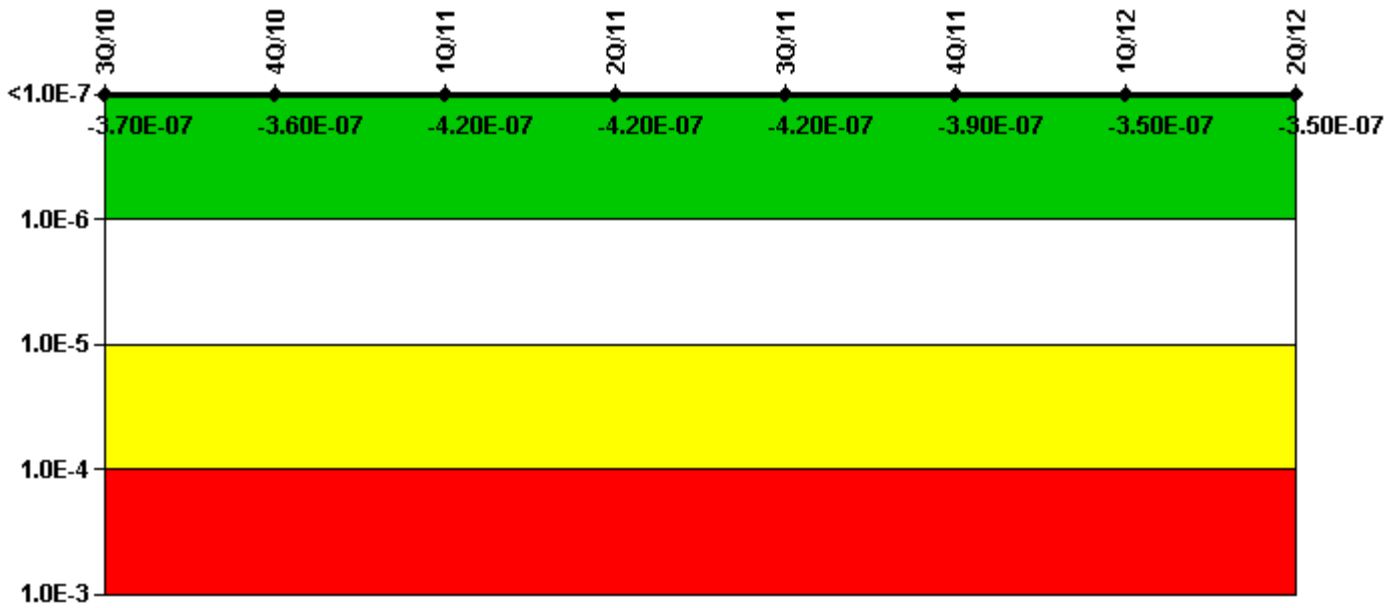
Safety System Functional Failures (BWR)	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Safety System Functional Failures	0	0	0	1	0	0	1	0
Indicator value	0	0	0	1	1	1	2	1

Licensee Comments:

1Q/12: LER 2011-02

2Q/11: LER 11-01 dated 4/14/11

Mitigating Systems Performance Index, Emergency AC Power System



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

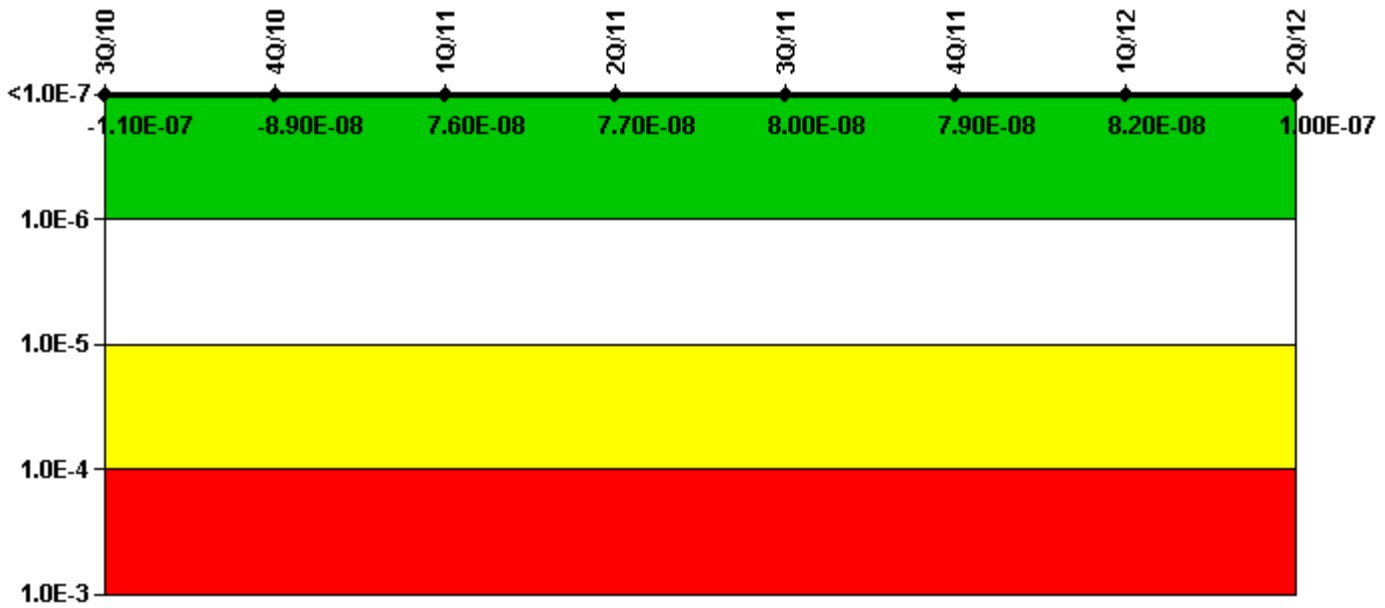
Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (Δ CDF)	5.87E-08	5.92E-08	-2.94E-09	-4.53E-09	-4.53E-09	2.25E-08	5.92E-08	5.92E-08
URI (Δ CDF)	-4.26E-07	-4.24E-07	-4.20E-07	-4.18E-07	-4.19E-07	-4.17E-07	-4.14E-07	-4.11E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.70E-07	-3.60E-07	-4.20E-07	-4.20E-07	-4.20E-07	-3.90E-07	-3.50E-07	-3.50E-07

Licensee Comments:

3Q/10: MSPI PRA values updated starting 07/01/2010.

Mitigating Systems Performance Index, High Pressure Injection System



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

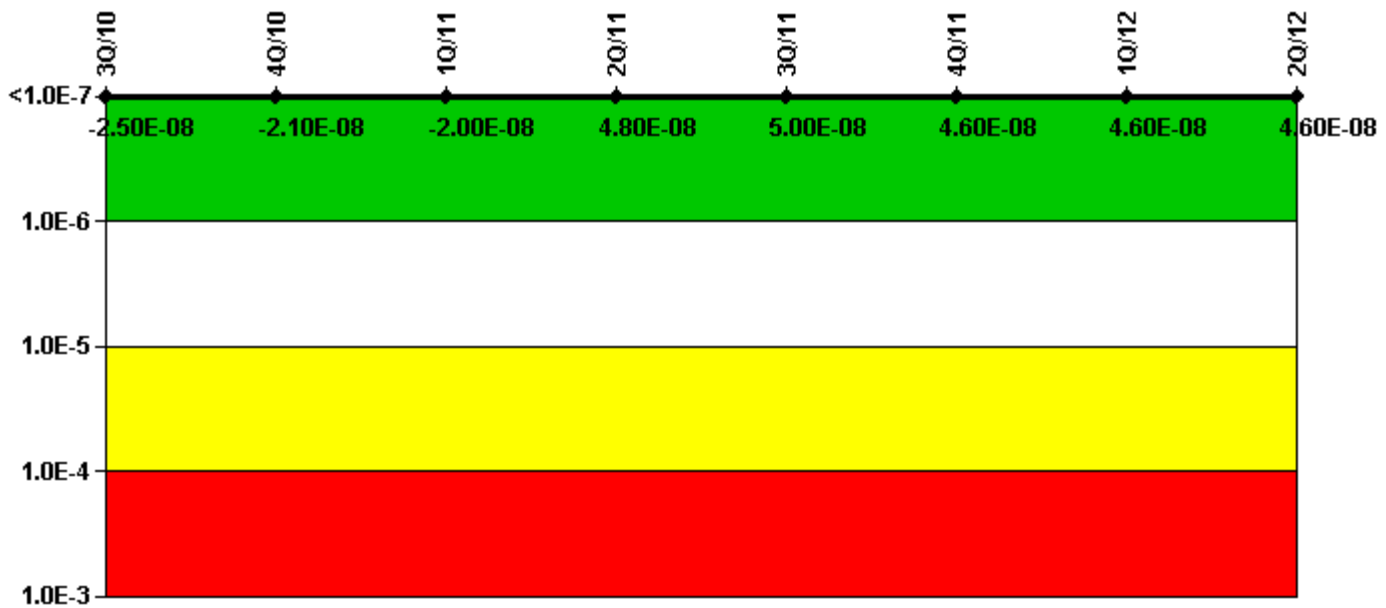
Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (Δ CDF)	-3.15E-08	-1.41E-08	-1.26E-08	-1.43E-08	-1.43E-08	-1.55E-08	-1.56E-08	2.83E-09
URI (Δ CDF)	-7.49E-08	-7.52E-08	8.88E-08	9.17E-08	9.47E-08	9.50E-08	9.81E-08	9.80E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.10E-07	-8.90E-08	7.60E-08	7.70E-08	8.00E-08	7.90E-08	8.20E-08	1.00E-07

Licensee Comments:

3Q/10: MSPI PRA values updated starting 07/01/2010.

Mitigating Systems Performance Index, Heat Removal System



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

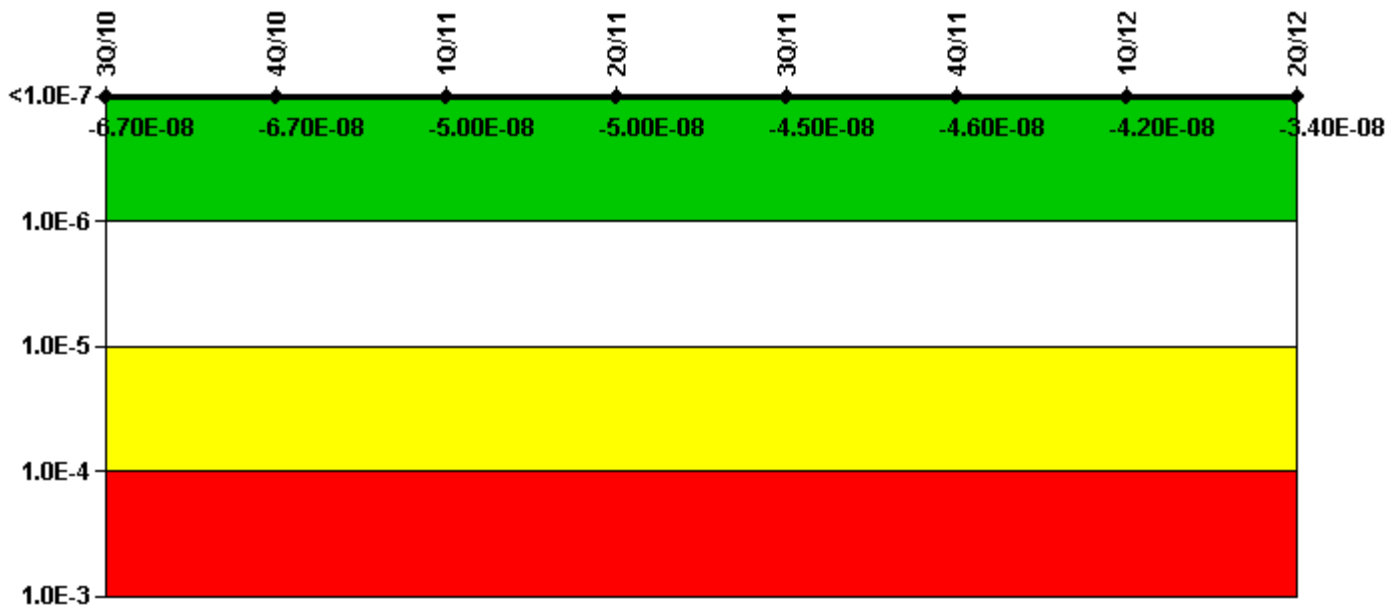
Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (Δ CDF)	-6.86E-09	-2.40E-09	-1.34E-09	3.11E-09	2.65E-09	-3.19E-09	-3.20E-09	-3.20E-09
URI (Δ CDF)	-1.81E-08	-1.82E-08	-1.82E-08	4.53E-08	4.70E-08	4.87E-08	4.87E-08	4.87E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.50E-08	-2.10E-08	-2.00E-08	4.80E-08	5.00E-08	4.60E-08	4.60E-08	4.60E-08

Licensee Comments:

3Q/10: MSPI PRA values updated starting 07/01/2010.

Mitigating Systems Performance Index, Residual Heat Removal System



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

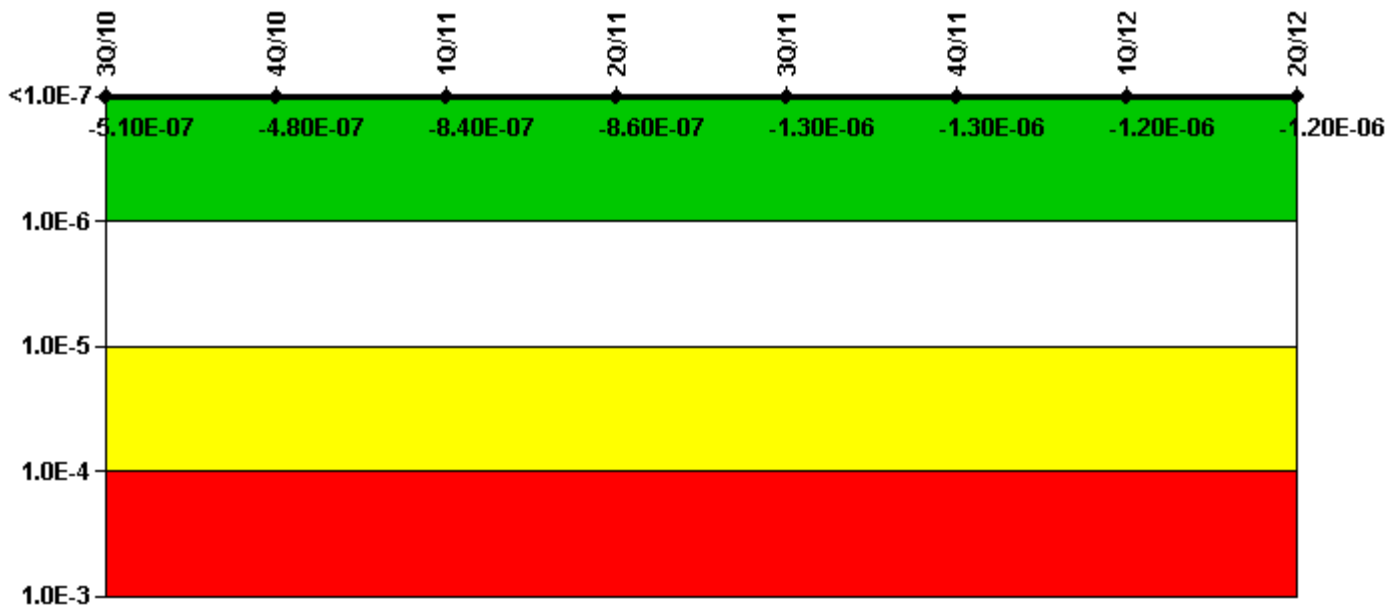
Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (Δ CDF)	-1.55E-08	-1.55E-08	1.81E-09	1.81E-09	6.37E-09	6.65E-09	9.59E-09	1.67E-08
URI (Δ CDF)	-5.18E-08	-5.20E-08	-5.18E-08	-5.14E-08	-5.14E-08	-5.22E-08	-5.14E-08	-5.12E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.70E-08	-6.70E-08	-5.00E-08	-5.00E-08	-4.50E-08	-4.60E-08	-4.20E-08	-3.40E-08

Licensee Comments:

3Q/10: MSPI PRA values updated starting 07/01/2010.

Mitigating Systems Performance Index, Cooling Water Systems



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

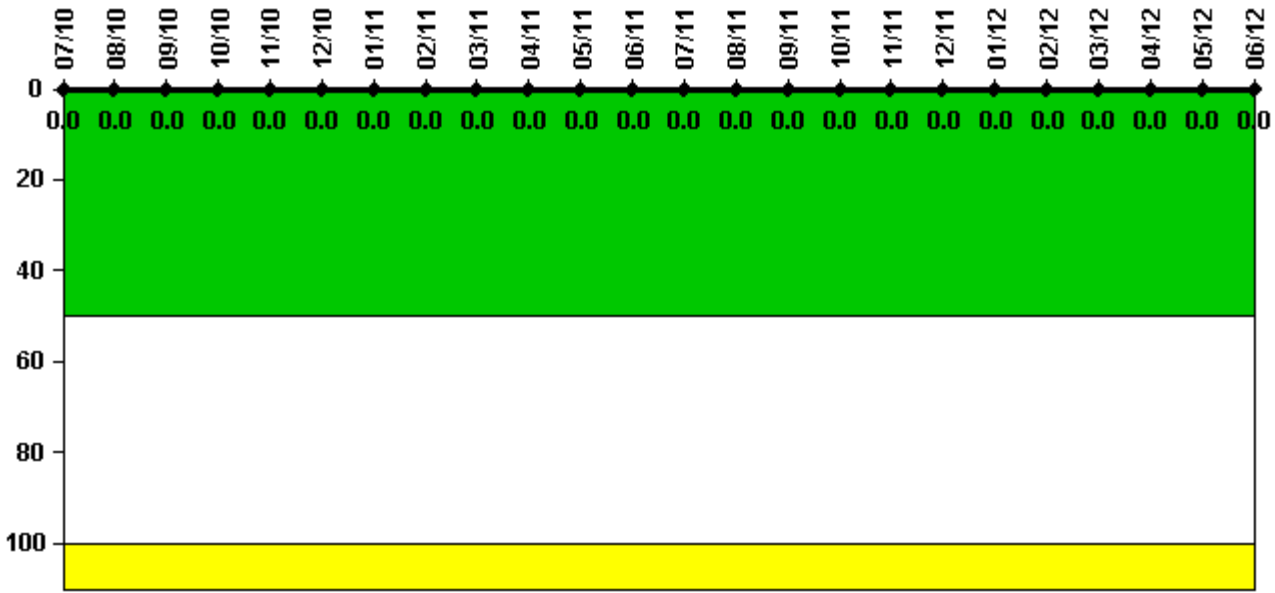
Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (Δ CDF)	5.71E-08	5.99E-08	1.12E-07	1.12E-07	7.15E-08	7.20E-08	9.31E-08	1.00E-07
URI (Δ CDF)	-5.71E-07	-5.37E-07	-9.53E-07	-9.68E-07	-1.36E-06	-1.35E-06	-1.31E-06	-1.30E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.10E-07	-4.80E-07	-8.40E-07	-8.60E-07	-1.30E-06	-1.30E-06	-1.20E-06	-1.20E-06

Licensee Comments:

3Q/10: MSPI PRA values updated starting 07/01/2010.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

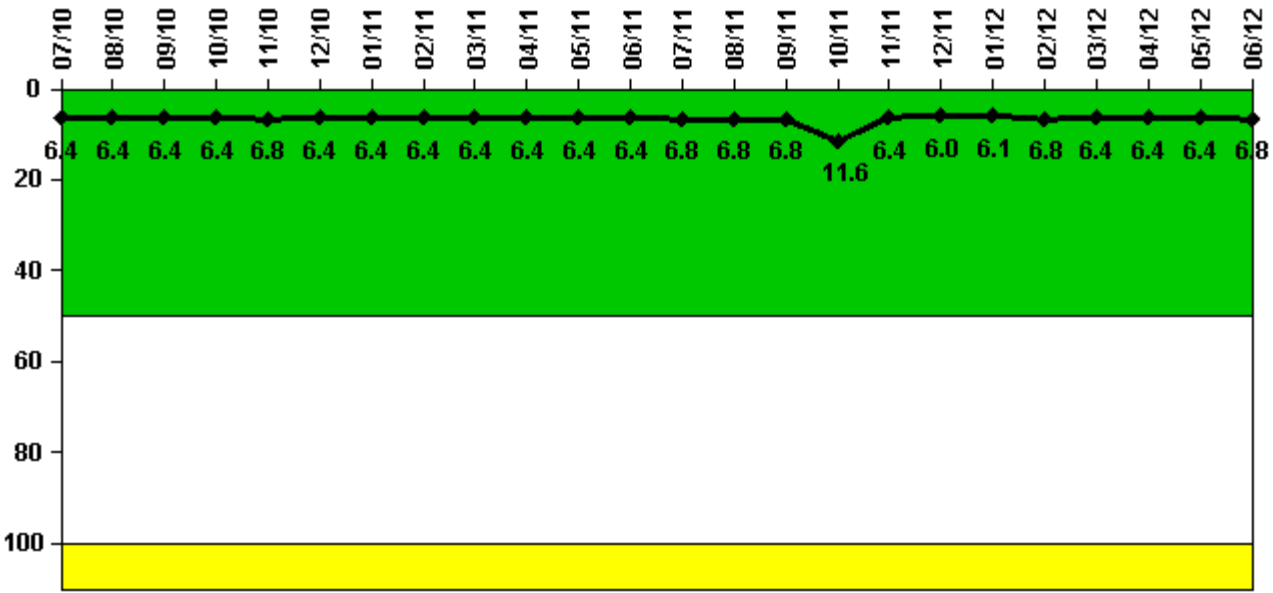
Notes

Reactor Coolant System Activity	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11	4/11	5/11	6/11
Maximum activity	0.000008	0.000007	0.000009	0.000006	0.000006	0.000008	0.000010	0.000010	0.000007	0.000008	0.000010	0.000008
Technical specification limit	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12	4/12	5/12	6/12
Maximum activity	0.000016	0.000019	0.000018	0.000019	0.000004	0.000006	0.000009	0.000007	0.000010	0.000007	0.000009	0.000009
Technical specification limit	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



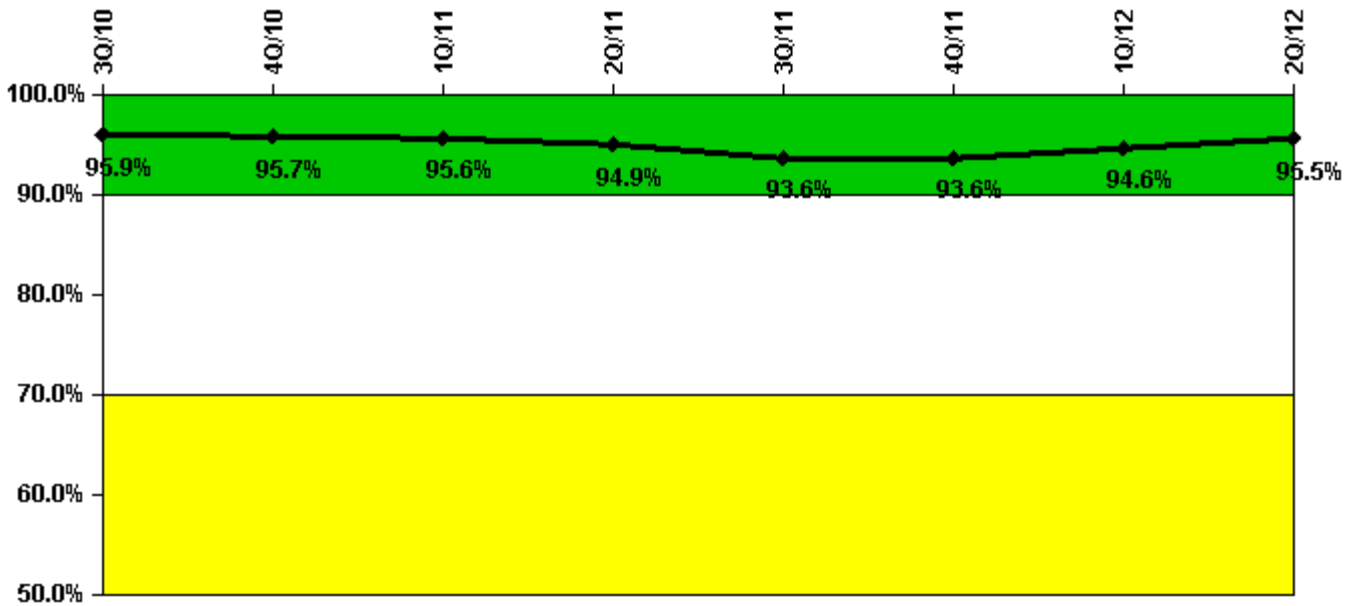
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11	4/11	5/11	6/11
Maximum leakage	1.600	1.600	1.600	1.600	1.700	1.600	1.600	1.600	1.600	1.600	1.600	1.600
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	6.4	6.4	6.4	6.4	6.8	6.4	6.4	6.4	6.4	6.4	6.4	6.4
Reactor Coolant System Leakage	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12	4/12	5/12	6/12
Maximum leakage	1.700	1.700	1.700	2.900	1.600	1.500	1.530	1.700	1.600	1.600	1.600	1.700
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	6.8	6.8	6.8	11.6	6.4	6.0	6.1	6.8	6.4	6.4	6.4	6.8

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Successful opportunities	37.0	29.0	18.0	68.0	26.0	12.0	16.0	25.0
Total opportunities	39.0	31.0	20.0	71.0	28.0	12.0	16.0	25.0
Indicator value	95.9%	95.7%	95.6%	94.9%	93.6%	93.6%	94.6%	95.5%

Licensee Comments:

3Q/11: A March 2012 self-assessment found guidance from NRC FAQ-471 was not implemented at VY. The period from July 2010 to September 2011 was affected. The PI remained green for the period after affected notification opportunities were removed.

2Q/11: A March 2012 self-assessment found guidance from NRC FAQ-471 was not implemented at VY. The period from July 2010 to September 2011 was affected. The PI remained green for the period after affected notification opportunities were removed.

1Q/11: A March 2012 self-assessment found guidance from NRC FAQ-471 was not implemented at VY. The period from July 2010 to September 2011 was affected. The PI remained green for the period after affected notification opportunities were removed.

4Q/10: A March 2012 self-assessment found guidance from NRC FAQ-471 was not implemented at VY. The period from July 2010 to September 2011 was affected. The PI remained green for the period after affected notification opportunities were removed.

3Q/10: A March 2012 self-assessment found guidance from NRC FAQ-471 was not implemented at VY. The period from July 2010 to September 2011 was affected. The PI remained green for the period after affected opportunities were removed.

3Q/10: September data was revised as follows: Several drill opportunities should have been counted in October and were moved from September. Also, several opportunities were incorrectly identified as failures. This was found as part of a focused self assessment conducted in December.

ERO Drill Participation



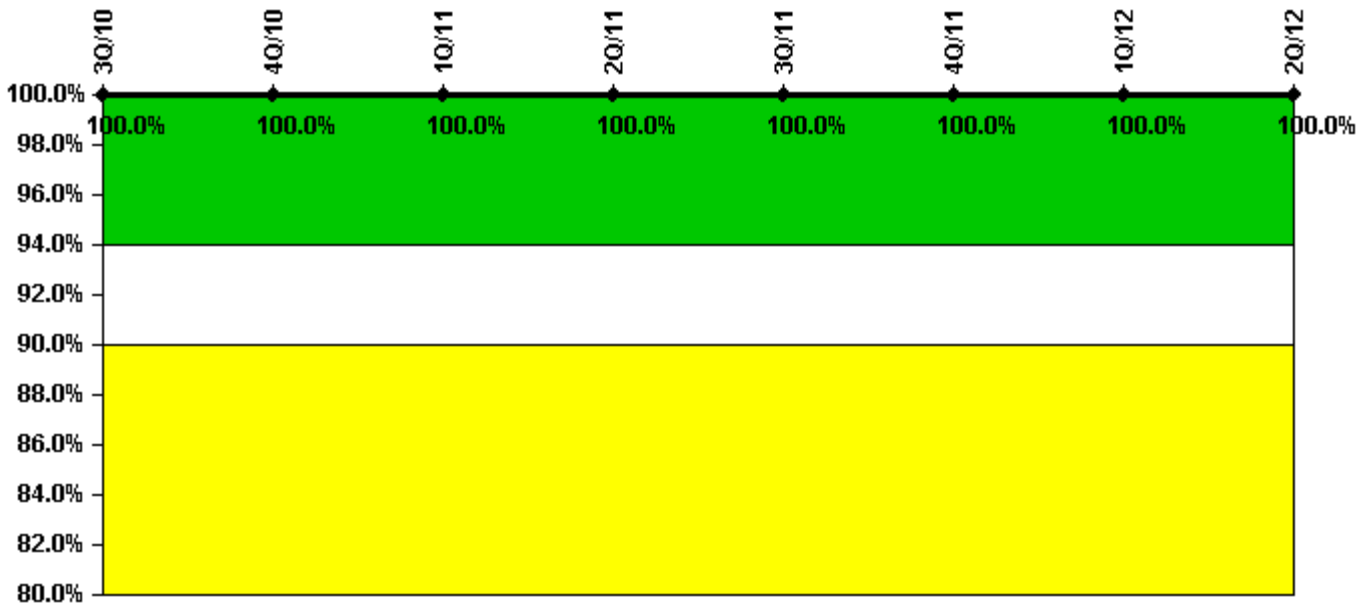
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Participating Key personnel	62.0	64.0	65.0	70.0	73.0	71.0	70.0	67.0
Total Key personnel	62.0	64.0	65.0	70.0	73.0	71.0	70.0	67.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



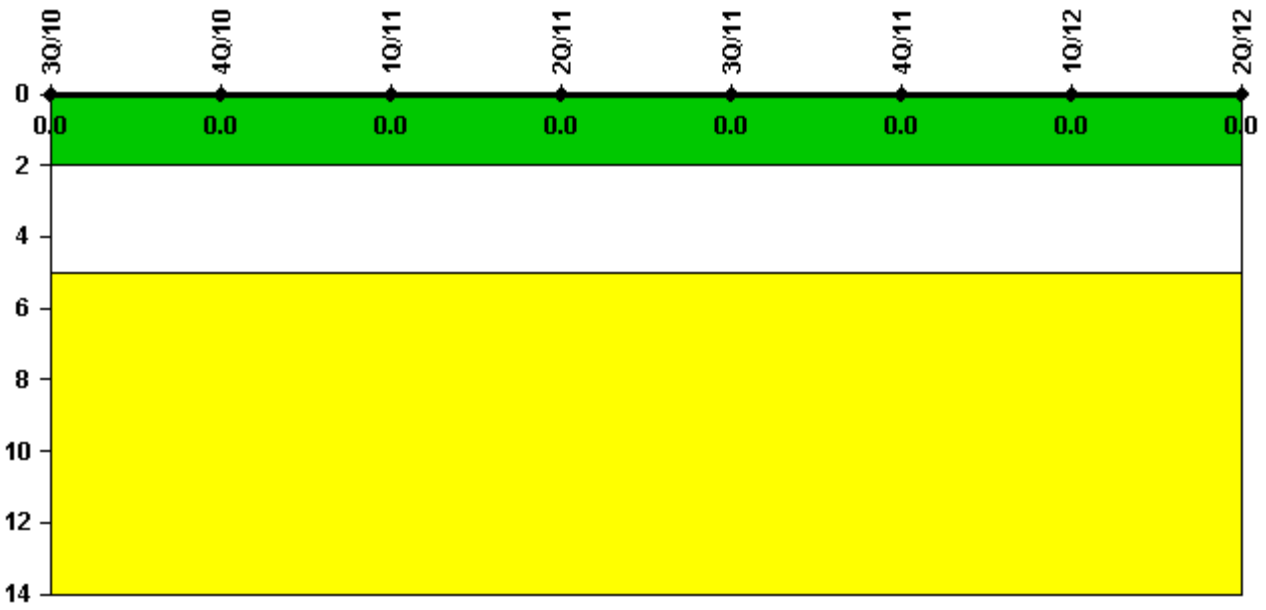
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Successful siren-tests	63	63	63	63	63	59	63	63
Total sirens-tests	63	63	63	63	63	59	63	63
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
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	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.
