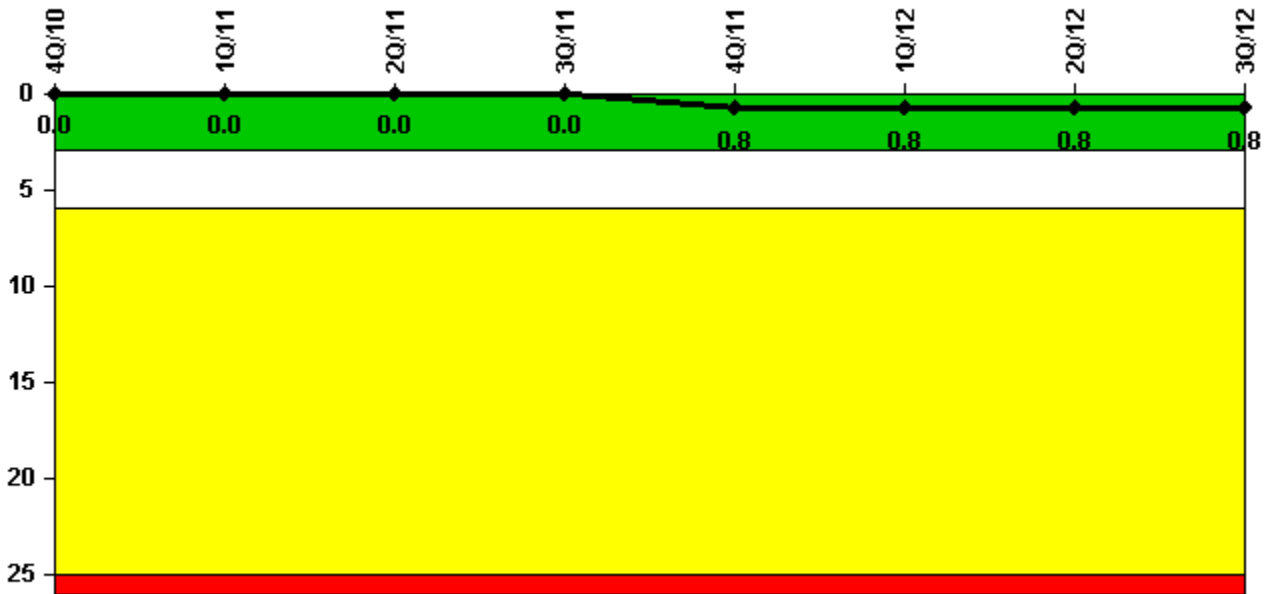


Clinton

3Q/2012 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



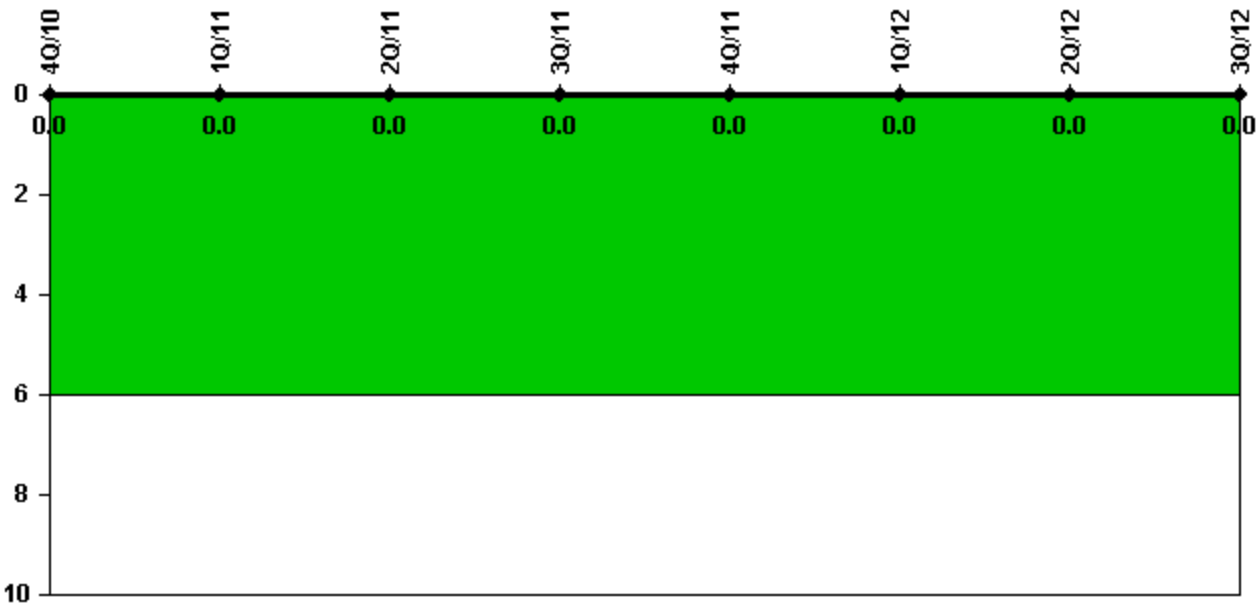
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Unplanned scrams	0	0	0	0	1.0	0	0	0
Critical hours	2209.0	2159.0	2184.0	2208.0	1717.4	2183.0	2184.0	2208.0
Indicator value	0	0	0	0	0.8	0.8	0.8	0.8

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



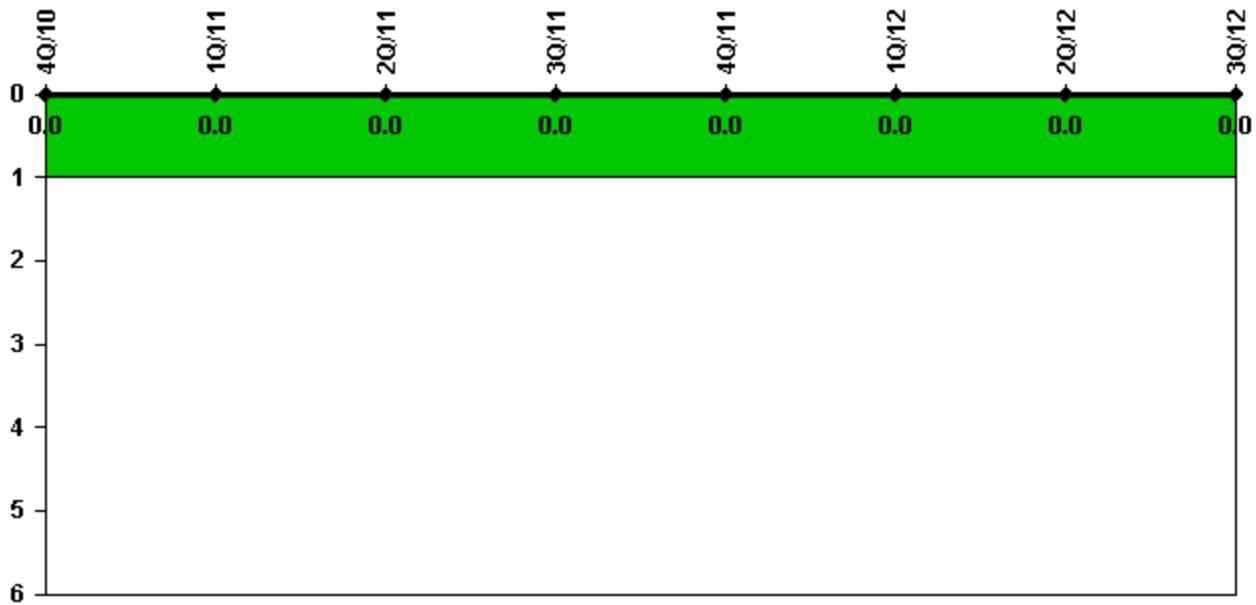
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2209.0	2159.0	2184.0	2208.0	1717.4	2183.0	2184.0	2208.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



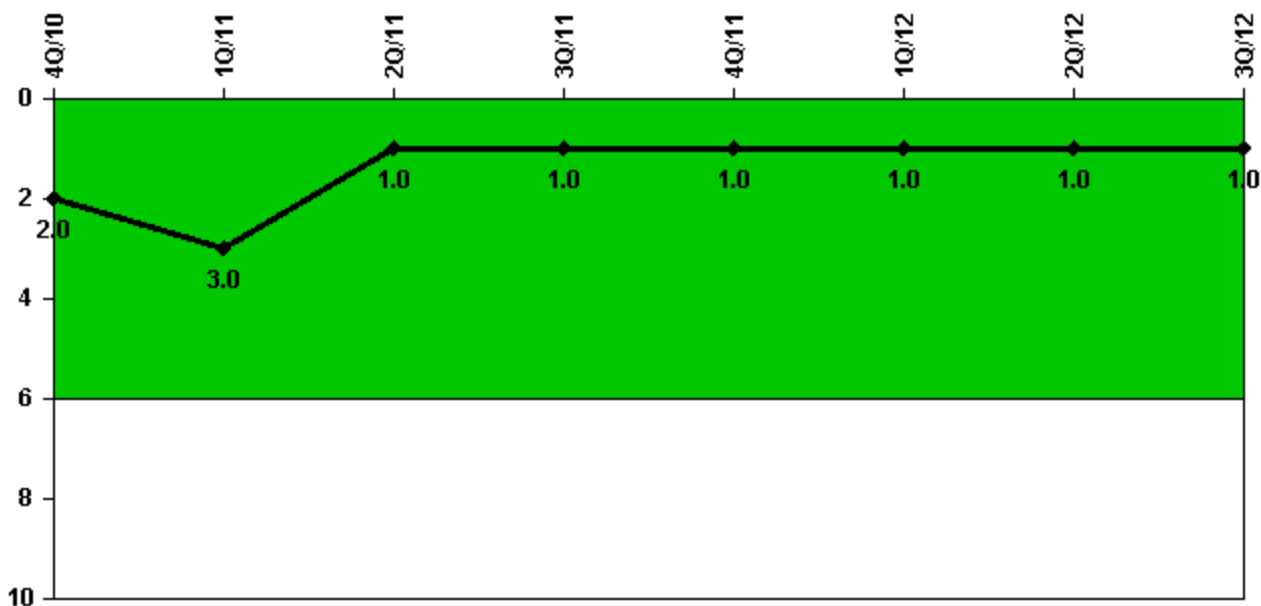
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/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)	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Safety System Functional Failures	0	1	0	0	0	1	0	0
Indicator value	2	3	1	1	1	1	1	1

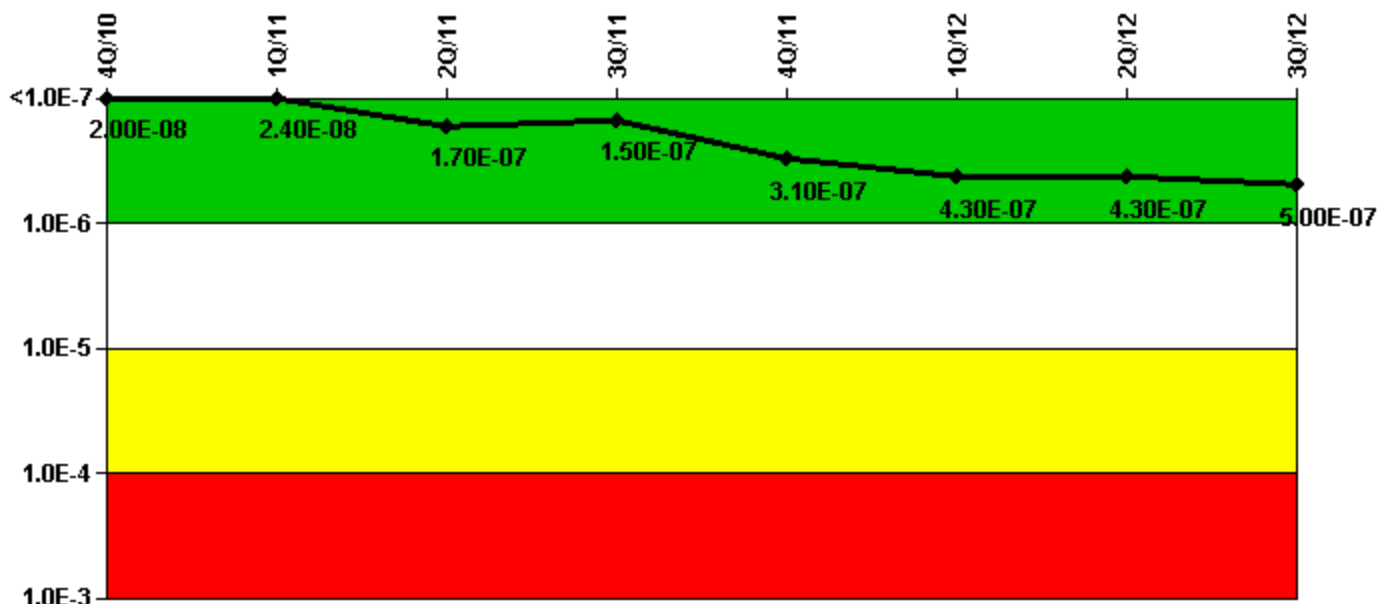
Licensee Comments:

1Q/12: Safety System Functional Failure reported to NRC 2/6/2012 under LER 2011-008-00

1Q/11: Safety System Functional Failure reported to NRC 1/26/2011 under LER 2010-001-01

4Q/10: 2Q2010 data revised to add Safety System Functional Failure reported to NRC under LER 2008-003-00 on 5/17/2010.

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/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
UAI (Δ CDF)	3.17E-08	3.56E-08	3.49E-08	1.82E-08	-6.66E-09	-5.52E-09	-6.09E-09	5.52E-08
URI (Δ CDF)	-1.13E-08	-1.13E-08	1.34E-07	1.34E-07	3.13E-07	4.36E-07	4.38E-07	4.41E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.00E-08	2.40E-08	1.70E-07	1.50E-07	3.10E-07	4.30E-07	4.30E-07	5.00E-07

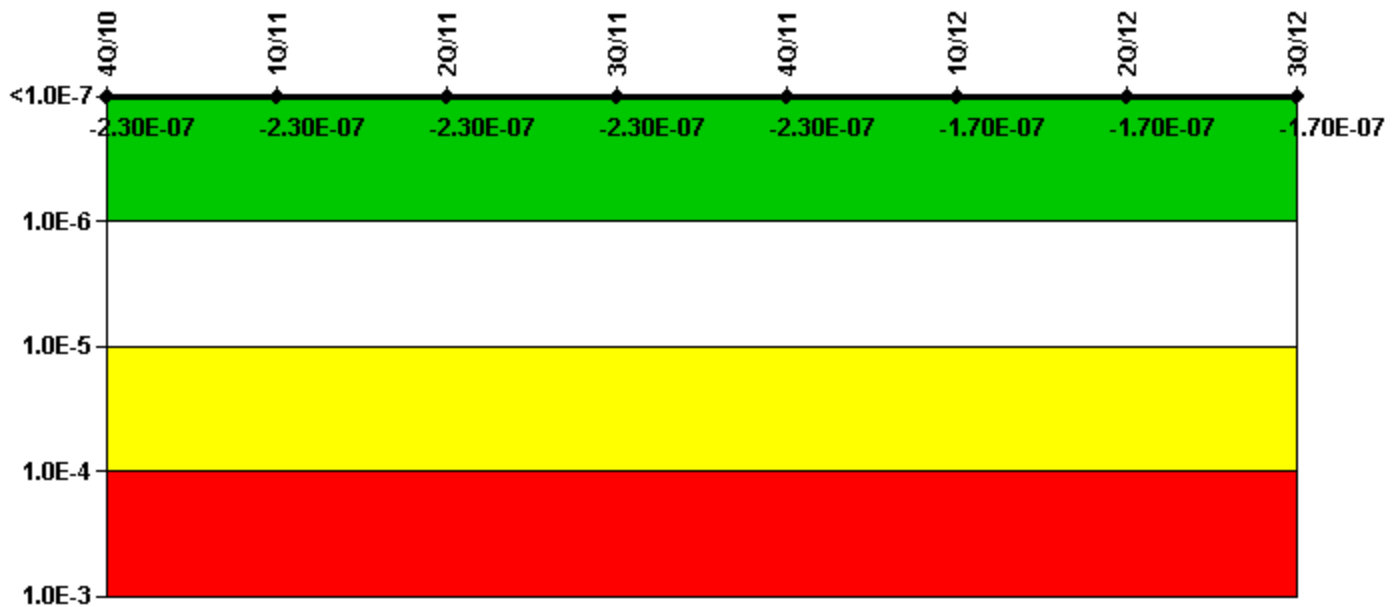
Licensee Comments:

2Q/12: Changed PRA Parameter(s).

1Q/12: Changed PRA Parameter(s). Clinton first quarter 2012 MSPI values changed as a result of PRA model revision CL011A and associated revision of the Clinton Site Basis Document.

4Q/11: EDG run hours changed with implementation of FAQ 480. Effective First Quarter 2012.

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/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
UAI (Δ CDF)	-4.42E-08	-4.42E-08	-4.42E-08	-4.42E-08	-4.42E-08	-3.91E-08	-3.91E-08	-3.91E-08
URI (Δ CDF)	-1.81E-07	-1.81E-07	-1.81E-07	-1.81E-07	-1.81E-07	-1.33E-07	-1.31E-07	-1.30E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.30E-07	-2.30E-07	-2.30E-07	-2.30E-07	-2.30E-07	-1.70E-07	-1.70E-07	-1.70E-07

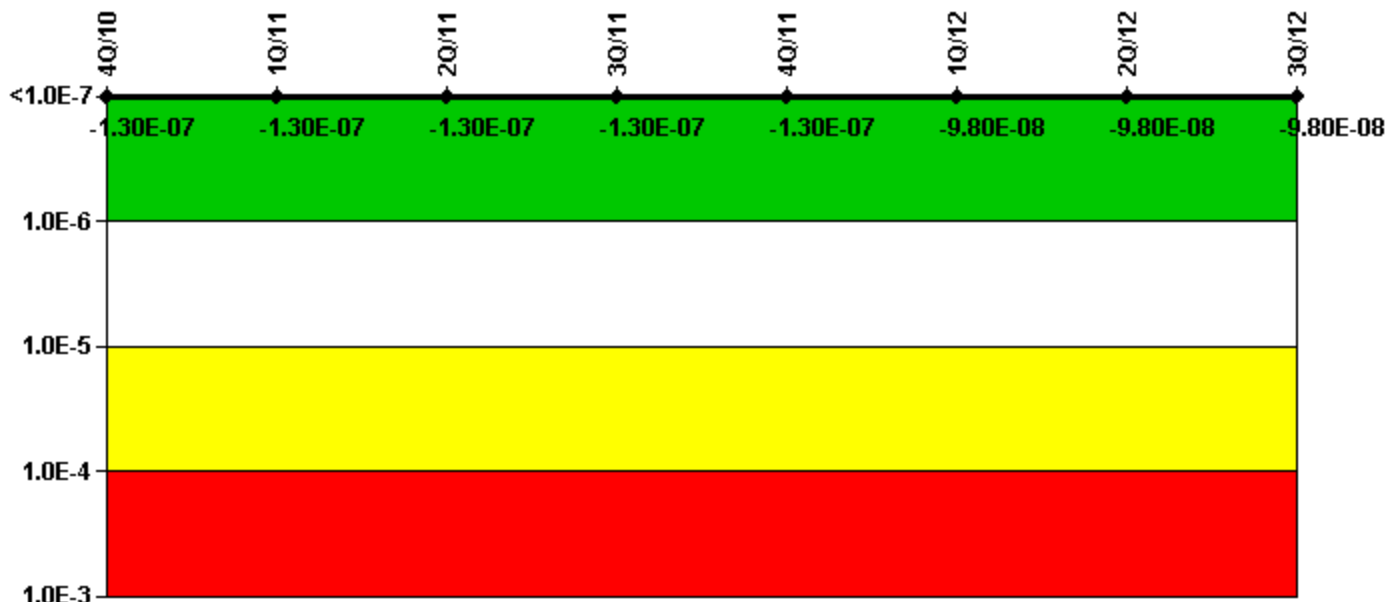
Licensee Comments:

2Q/12: Changed PRA Parameter(s).

1Q/12: Changed PRA Parameter(s). Clinton first quarter 2012 MSPI values changed as a result of PRA model revision CL011A and associated revision of the Clinton Site Basis Document.

4Q/11: EDG run hours changed with implementation of FAQ 480. Effective First Quarter 2012.

Mitigating Systems Performance Index, Heat Removal System



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

Notes

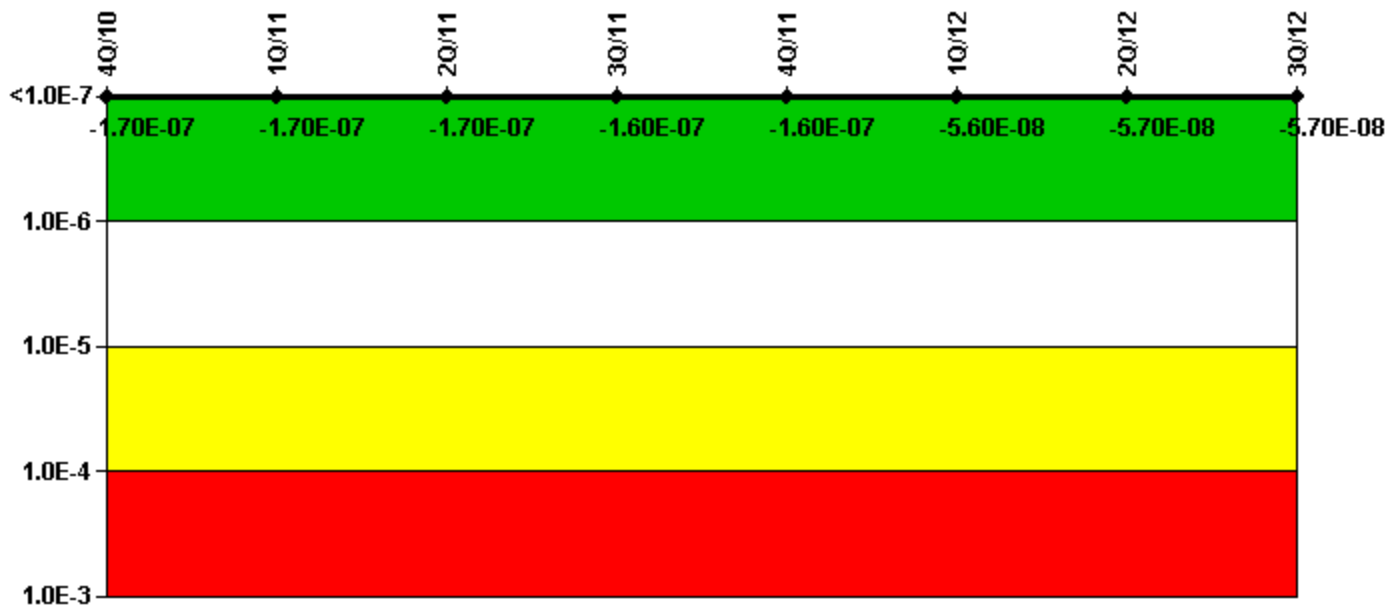
Mitigating Systems Performance Index, Heat Removal System	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
UAI (Δ CDF)	-4.77E-08	-4.77E-08	-4.77E-08	-4.77E-08	-4.77E-08	-3.02E-08	-3.02E-08	-3.02E-08
URI (Δ CDF)	-8.43E-08	-8.43E-08	-8.43E-08	-8.43E-08	-8.43E-08	-6.78E-08	-6.78E-08	-6.78E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-9.80E-08	-9.80E-08	-9.80E-08

Licensee Comments:

2Q/12: Changed PRA Parameter(s).

1Q/12: Changed PRA Parameter(s). Clinton first quarter 2012 MSPI values changed as a result of PRA model revision CL011A and associated revision of the Clinton Site Basis Document.

Mitigating Systems Performance Index, Residual Heat Removal System



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

Notes

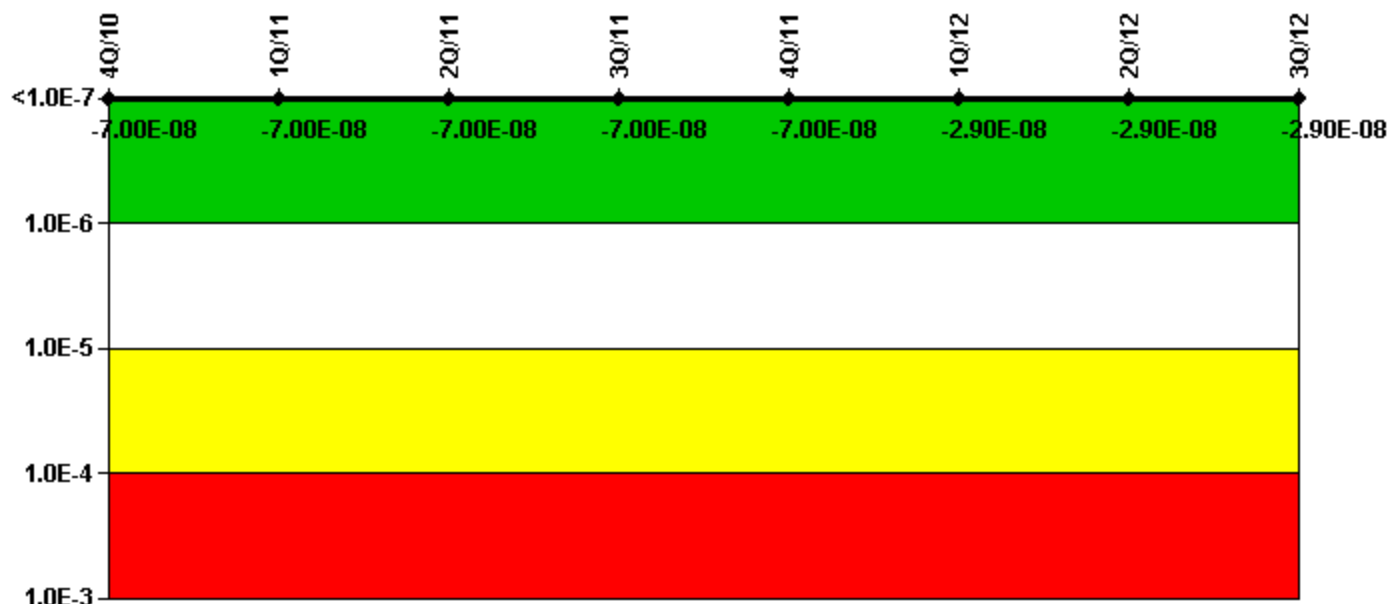
Mitigating Systems Performance Index, Residual Heat Removal System	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
UAI (Δ CDF)	-5.83E-08	-5.83E-08	-5.83E-08	-5.19E-08	-5.18E-08	-1.54E-08	-1.65E-08	-1.65E-08
URI (Δ CDF)	-1.09E-07	-1.09E-07	-1.09E-07	-1.09E-07	-1.09E-07	-4.08E-08	-4.08E-08	-4.08E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.70E-07	-1.70E-07	-1.70E-07	-1.60E-07	-1.60E-07	-5.60E-08	-5.70E-08	-5.70E-08

Licensee Comments:

2Q/12: Changed PRA Parameter(s).

1Q/12: Changed PRA Parameter(s). Clinton first quarter 2012 MSPI values changed as a result of PRA model revision CL011A and associated revision of the Clinton Site Basis Document.

Mitigating Systems Performance Index, Cooling Water Systems



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

Notes

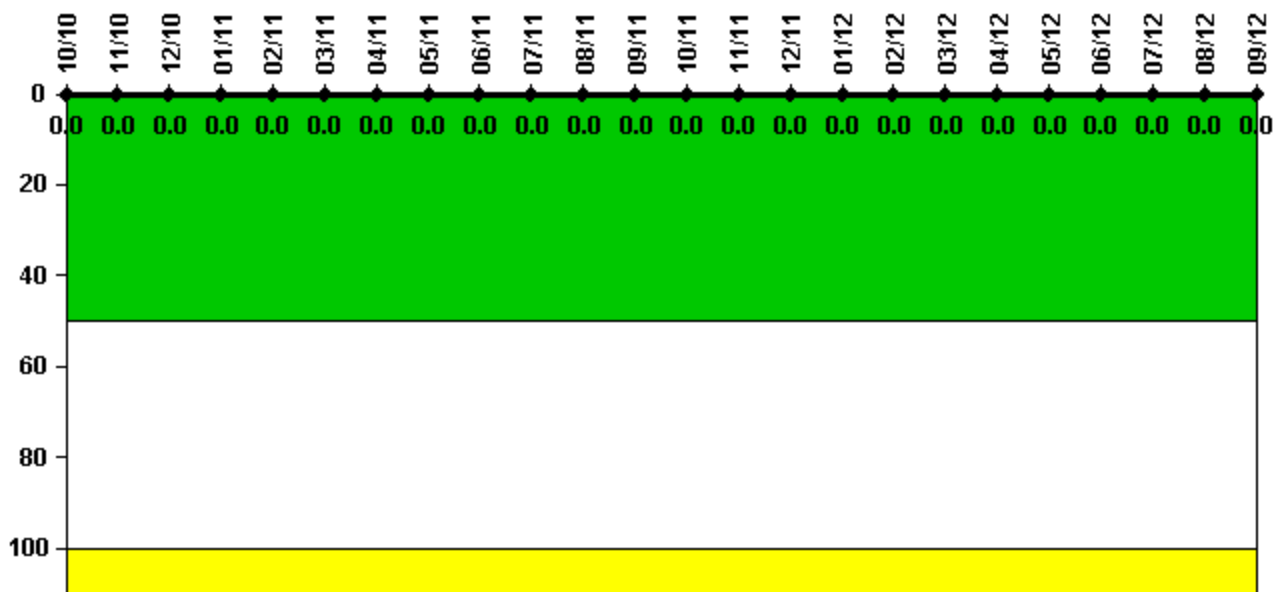
Mitigating Systems Performance Index, Cooling Water Systems	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
UAI (Δ CDF)	1.59E-09	1.55E-09	1.55E-09	1.55E-09	1.58E-09	7.38E-10	7.38E-10	7.37E-10
URI (Δ CDF)	-7.14E-08	-7.14E-08	-7.14E-08	-7.14E-08	-7.14E-08	-2.96E-08	-2.96E-08	-2.96E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-7.00E-08	-7.00E-08	-7.00E-08	-7.00E-08	-7.00E-08	-2.90E-08	-2.90E-08	-2.90E-08

Licensee Comments:

2Q/12: Changed PRA Parameter(s).

1Q/12: Changed PRA Parameter(s). Clinton first quarter 2012 MSPI values changed as a result of PRA model revision CL011A and associated revision of the Clinton Site Basis Document.

Reactor Coolant System Activity



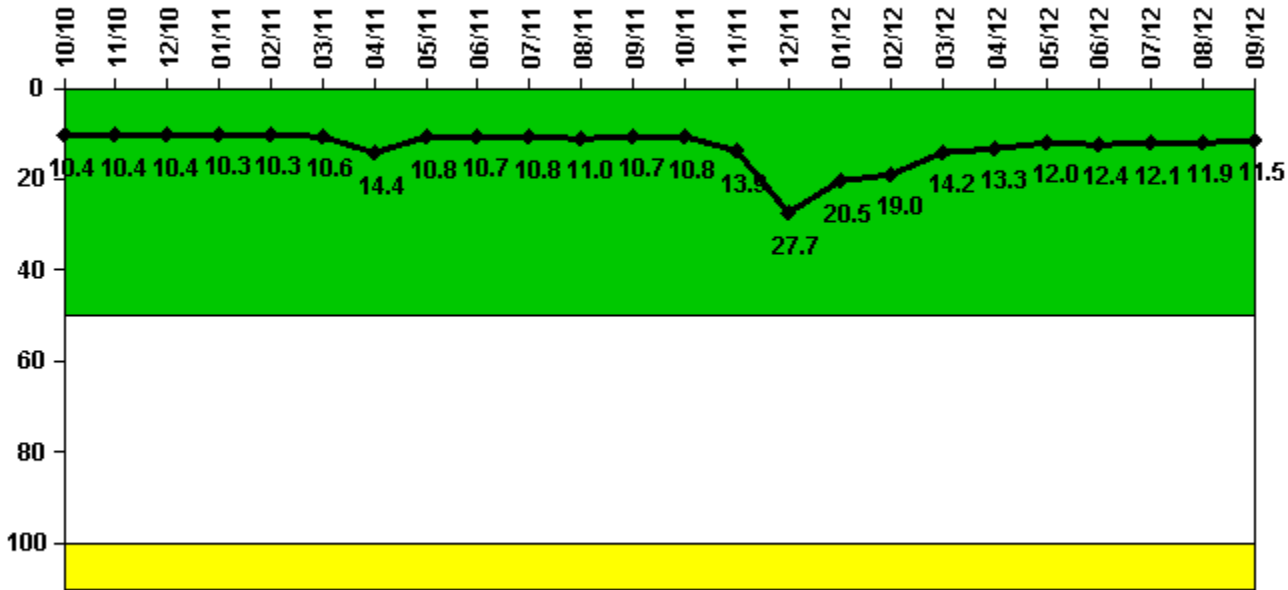
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/10	11/10	12/10	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11
Maximum activity	0.000002	0.000002	0.000002	0.000002	0.000002	0.000004	0.000002	0.000003	0.000003	0.000003	0.000002	0.000003
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
Reactor Coolant System Activity	10/11	11/11	12/11	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12
Maximum activity	0.000003	0.000003	0.000002	0.000001	0.000001	0.000001	0.000002	0.000001	0.000001	0.000001	0.000001	0.000001
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

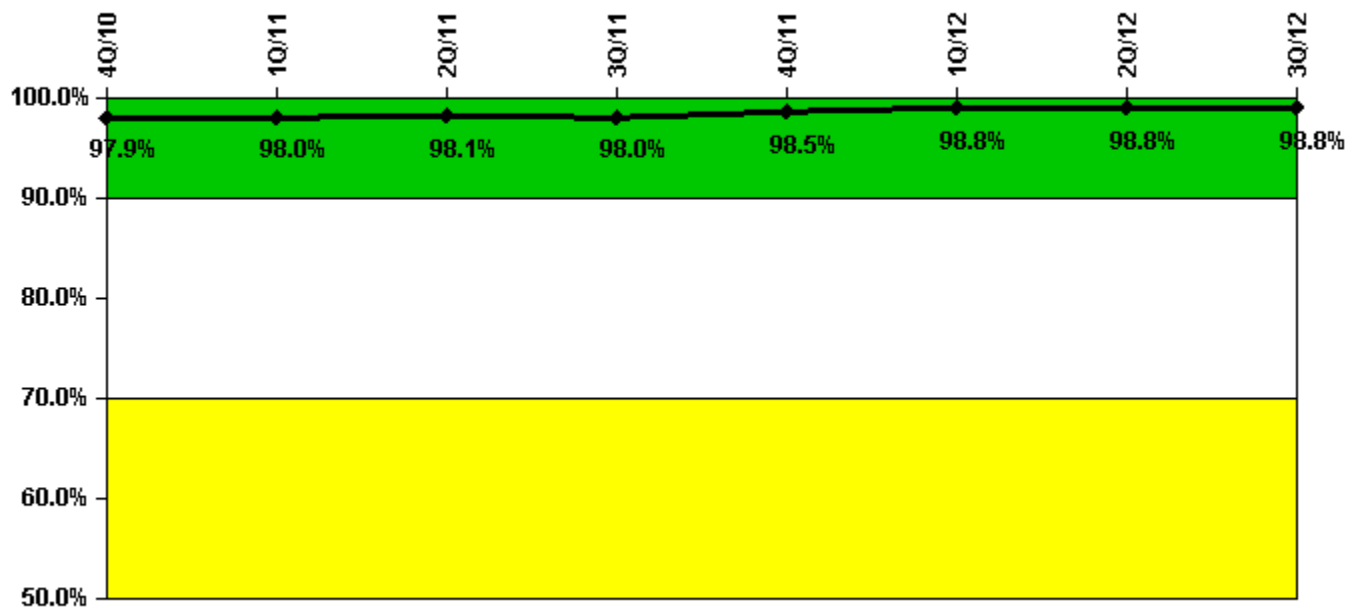
Reactor Coolant System Leakage	10/10	11/10	12/10	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11
Maximum leakage	3.130	3.120	3.120	3.090	3.080	3.180	4.330	3.230	3.210	3.240	3.310	3.220
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	10.4	10.4	10.4	10.3	10.3	10.6	14.4	10.8	10.7	10.8	11.0	10.7

Reactor Coolant System Leakage	10/11	11/11	12/11	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12
Maximum leakage	3.250	4.180	8.310	6.140	5.700	4.250	4.000	3.610	3.730	3.630	3.580	3.450
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	10.8	13.9	27.7	20.5	19.0	14.2	13.3	12.0	12.4	12.1	11.9	11.5

Licensee Comments:

12/11: Indicated leak rate is higher than actual due to sump discharge check valve leakage. No current adverse trend in operational leakage.

Drill/Exercise Performance



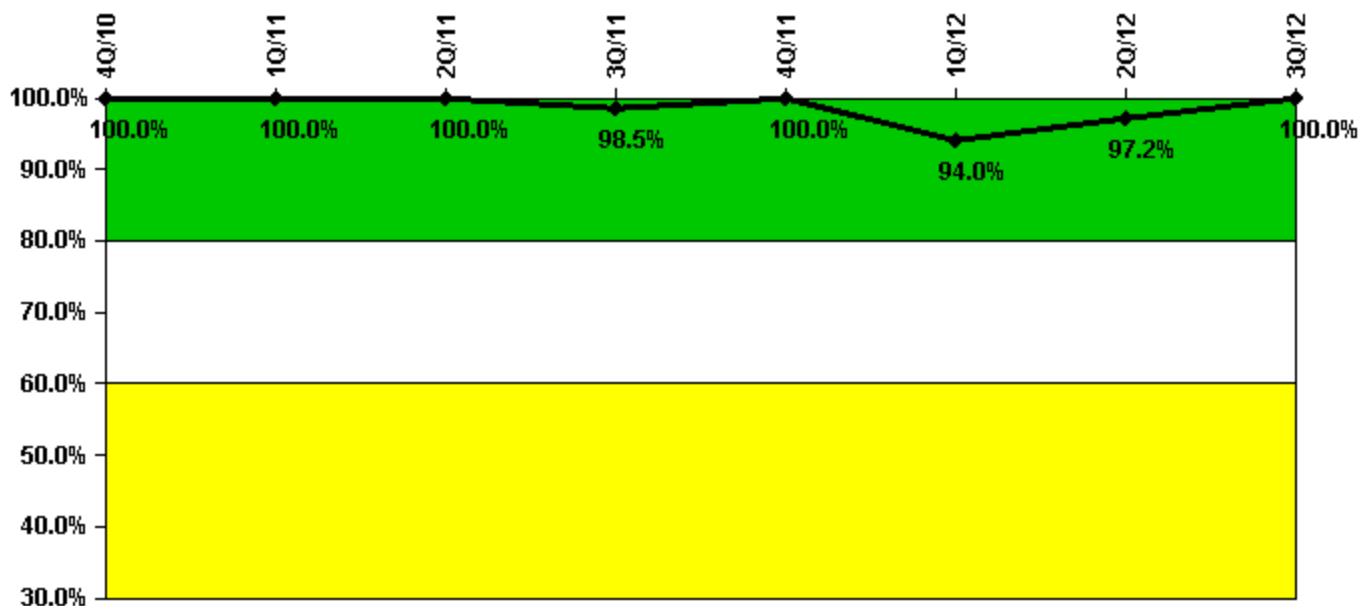
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Successful opportunities	46.0	30.0	17.0	65.0	43.0	33.0	35.0	59.0
Total opportunities	46.0	30.0	18.0	67.0	44.0	33.0	35.0	59.0
Indicator value	97.9%	98.0%	98.1%	98.0%	98.5%	98.8%	98.8%	98.8%

Licensee Comments: none

ERO Drill Participation



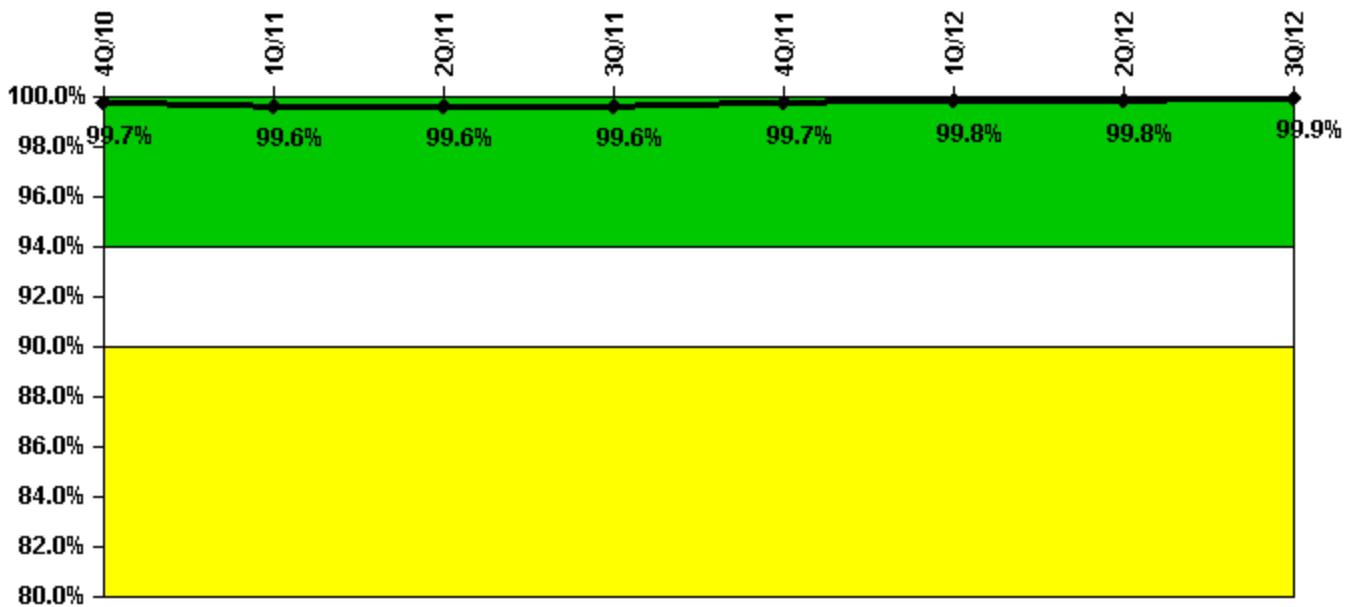
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Participating Key personnel	67.0	65.0	65.0	67.0	66.0	63.0	69.0	71.0
Total Key personnel	67.0	65.0	65.0	68.0	66.0	67.0	71.0	71.0
Indicator value	100.0%	100.0%	100.0%	98.5%	100.0%	94.0%	97.2%	100.0%

Licensee Comments: none

Alert & Notification System



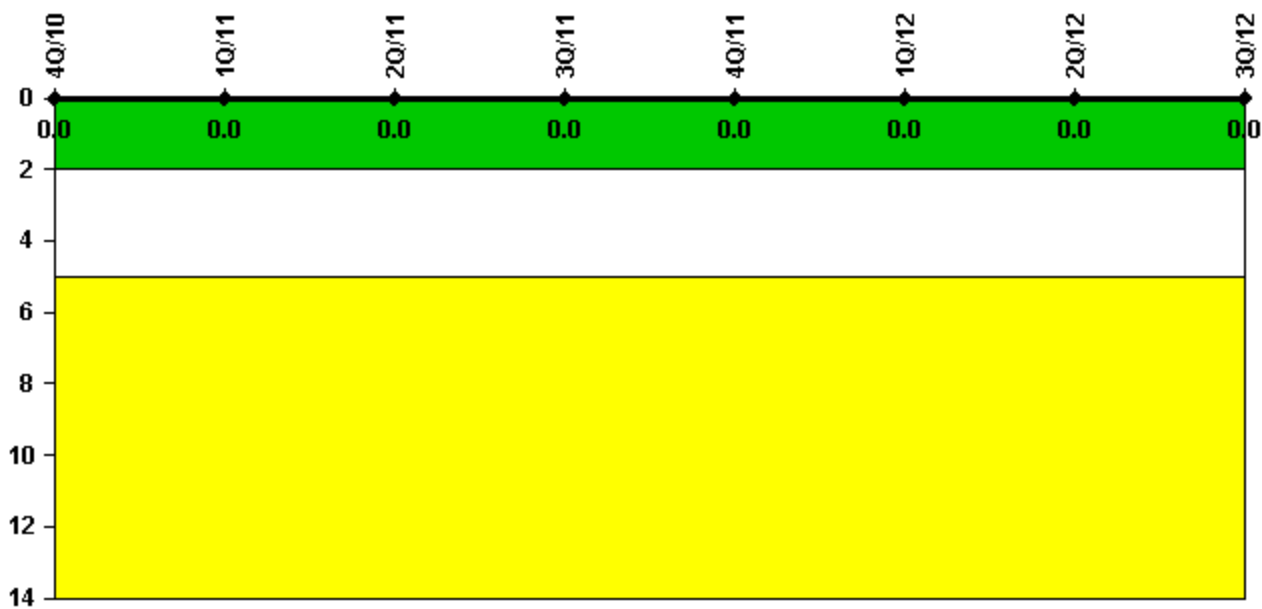
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Successful siren-tests	2594	2545	2547	2556	2557	2595	2556	2517
Total sirens-tests	2600	2560	2560	2560	2560	2600	2560	2520
Indicator value	99.7%	99.6%	99.6%	99.6%	99.7%	99.8%	99.8%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



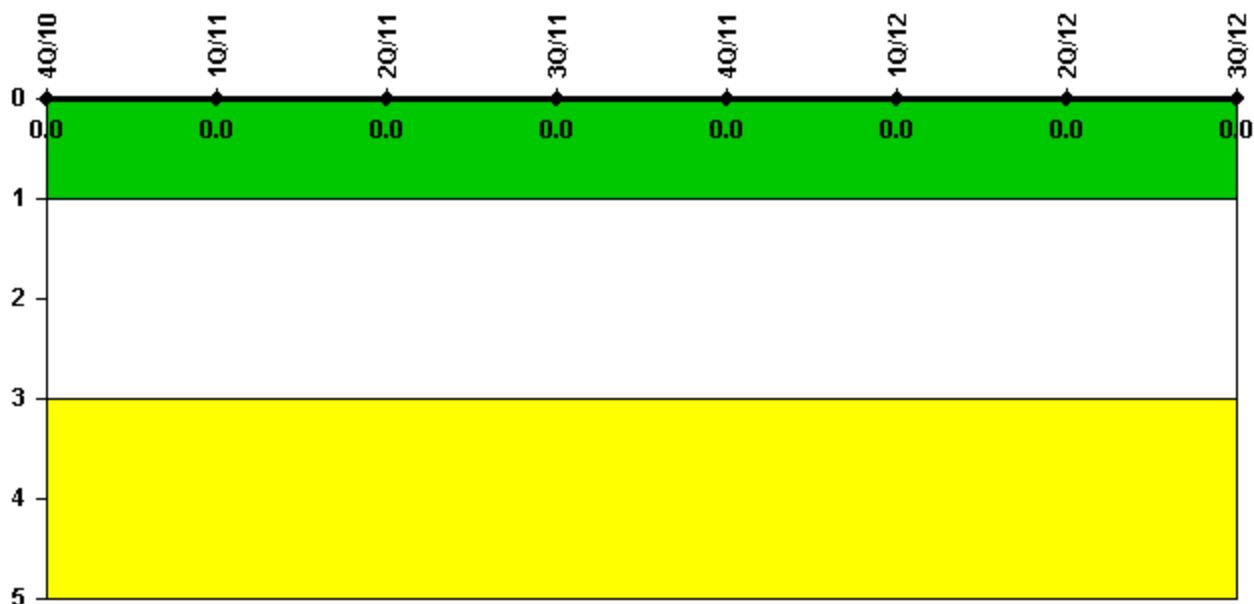
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/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	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/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.

 [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: October 24, 2012