

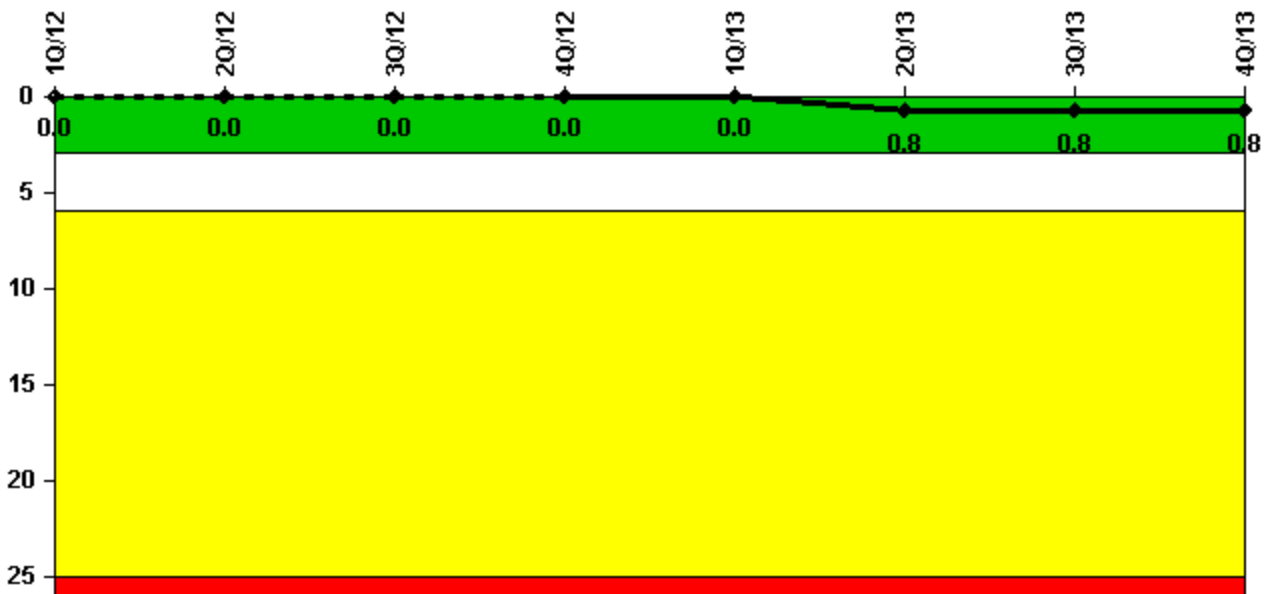
# La Salle 1

## 4Q/2013 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



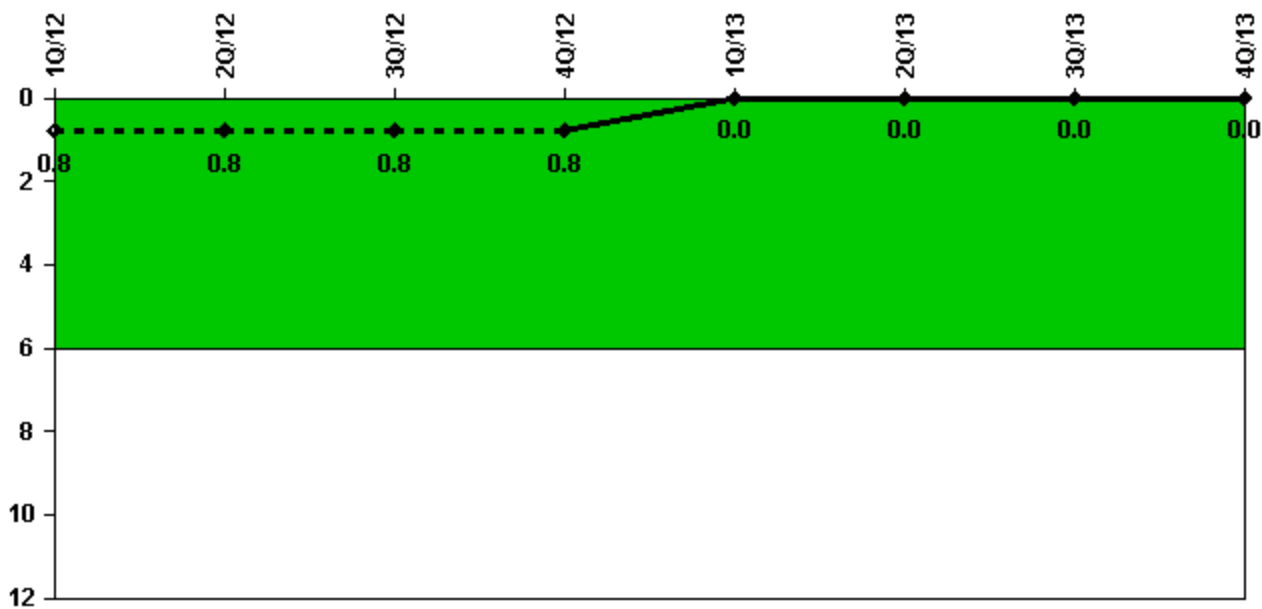
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Unplanned scrams	0	0	0	0	0	1.0	0	0
Critical hours	1634.4	2184.0	2208.0	2209.0	2159.0	1896.5	2208.0	2209.0
Indicator value	0	0	0	0	0	0.8	0.8	0.8

Licensee Comments: none

### Unplanned Power Changes per 7000 Critical Hrs



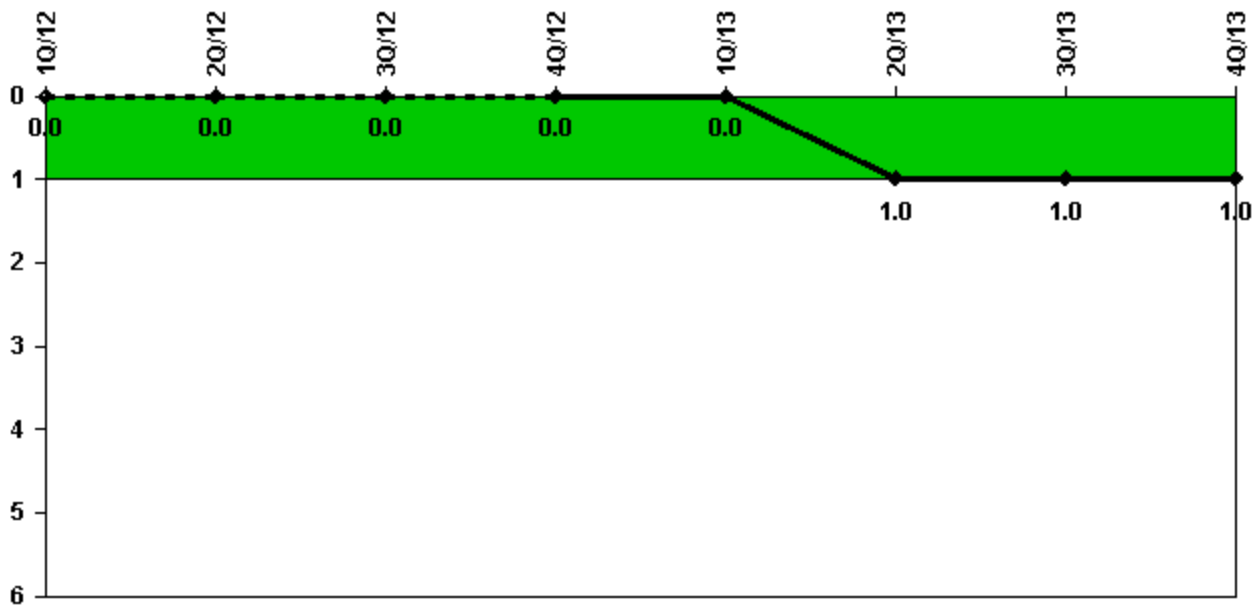
Thresholds: White > 6.0

#### Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Unplanned power changes	1.0	0	0	0	0	0	0	0
Critical hours	1634.4	2184.0	2208.0	2209.0	2159.0	1896.5	2208.0	2209.0
<b>Indicator value</b>	<b>0.8</b>	<b>0.8</b>	<b>0.8</b>	<b>0.8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Licensee Comments: none

### Unplanned Scrams with Complications



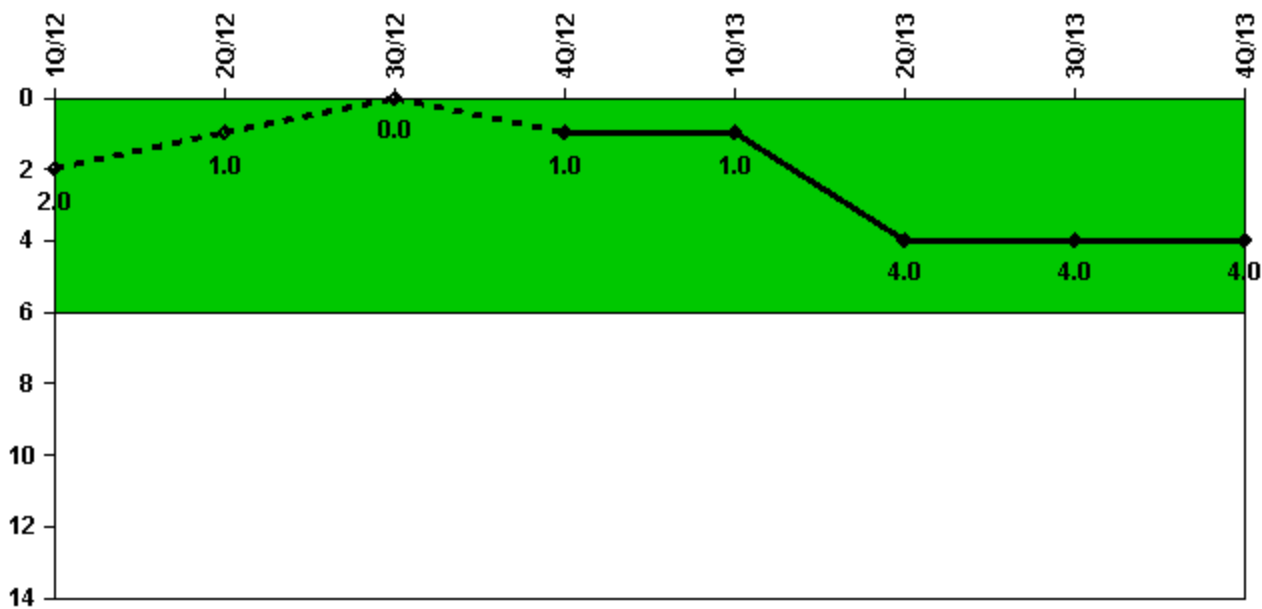
Thresholds: White > 1.0

#### Notes

Unplanned Scrams with Complications	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Scrams with complications	0	0	0	0	0	1.0	0	0
<b>Indicator value</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>

Licensee Comments: none

### Safety System Functional Failures (BWR)



Thresholds: White > 6.0

#### Notes

Safety System Functional Failures (BWR)	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Safety System Functional Failures	0	0	0	1	0	3	0	1
<b>Indicator value</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>4</b>	<b>4</b>	<b>4</b>

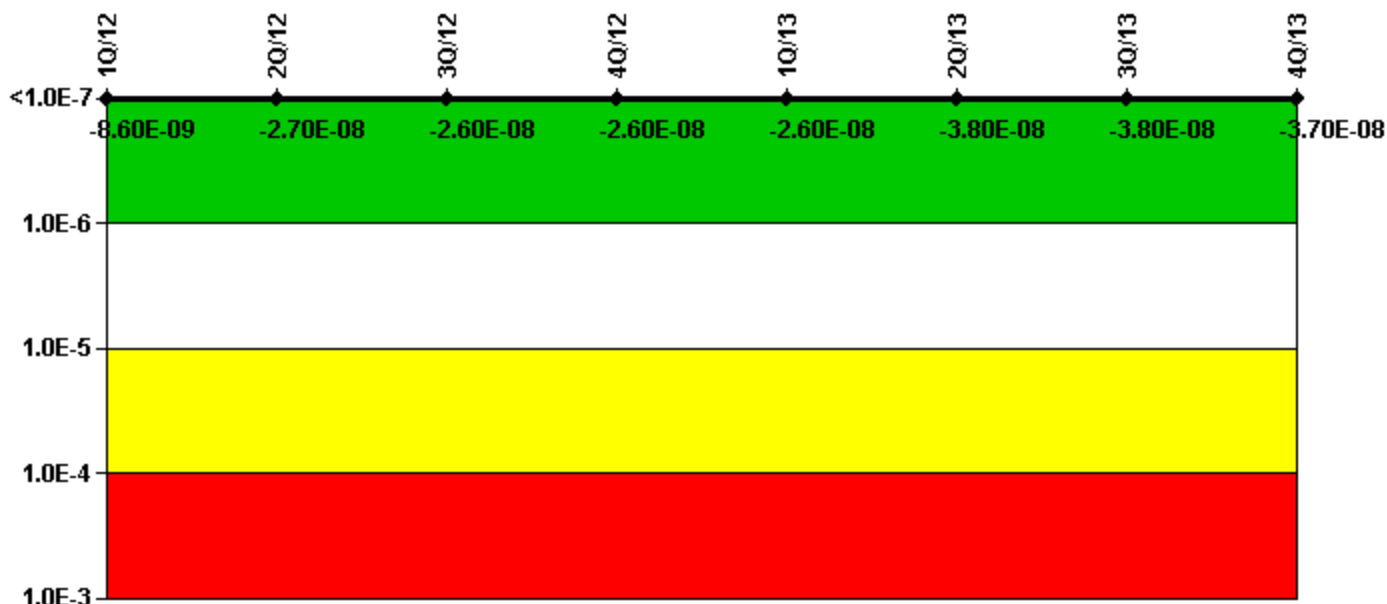
Licensee Comments:

4Q/13: LER 373-2013-007

2Q/13: LERs 373-2013-001, 373-2013-002, and 373-2013-003

4Q/12: LER 373-2012-001-00

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



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

#### Notes

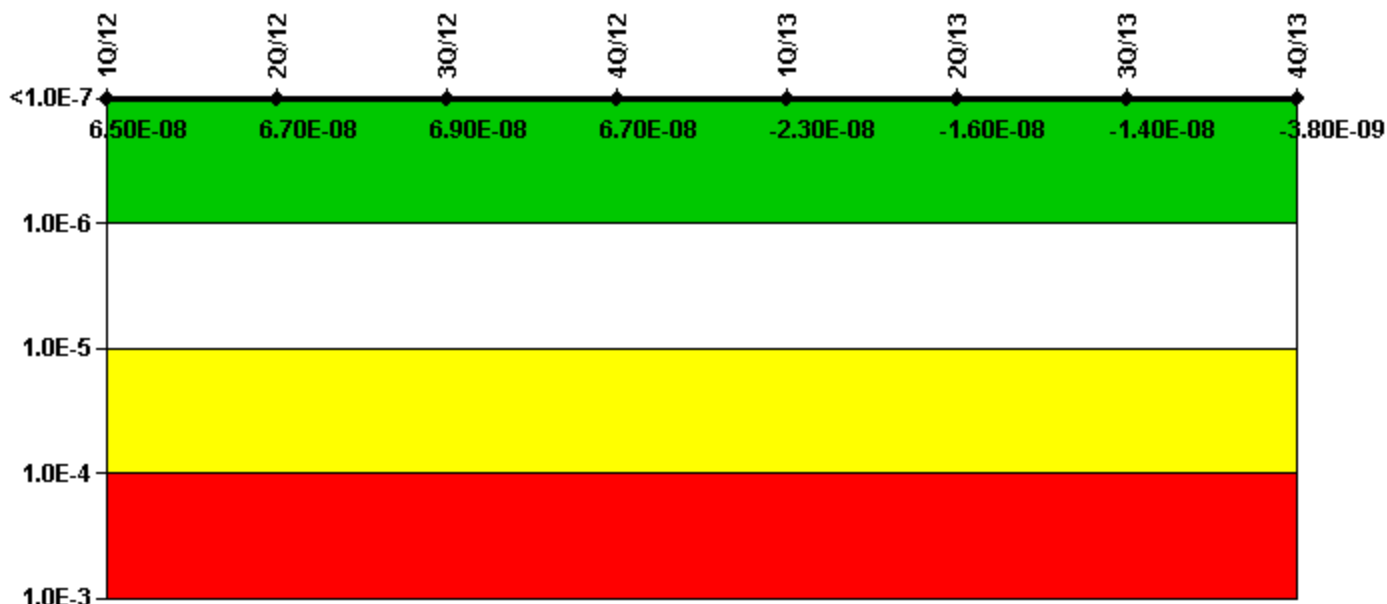
Mitigating Systems Performance Index, Emergency AC Power System	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
UAI ( $\Delta$ CDF)	-3.99E-09	-4.09E-09	-4.09E-09	-4.09E-09	-4.09E-09	-6.29E-09	-6.29E-09	-6.29E-09
URI ( $\Delta$ CDF)	-4.61E-09	-2.24E-08	-2.22E-08	-2.20E-08	-2.18E-08	-3.17E-08	-3.15E-08	-3.12E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	<b>-8.60E-09</b>	<b>-2.70E-08</b>	<b>-2.60E-08</b>	<b>-2.60E-08</b>	<b>-2.60E-08</b>	<b>-3.80E-08</b>	<b>-3.80E-08</b>	<b>-3.70E-08</b>

#### Licensee Comments:

3Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

2Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

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



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

#### Notes

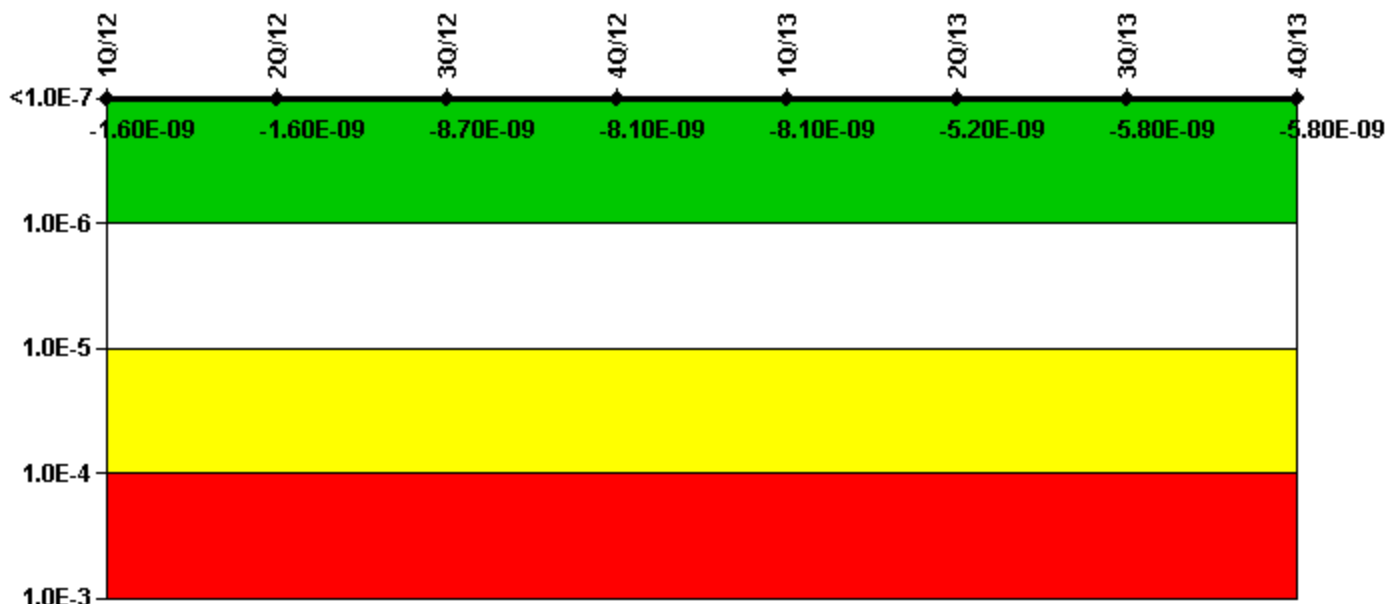
Mitigating Systems Performance Index, High Pressure Injection System	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
UAI ( $\Delta$ CDF)	1.80E-09	2.36E-09	3.16E-09	1.95E-10	-2.20E-09	-1.43E-09	-2.25E-10	1.02E-08
URI ( $\Delta$ CDF)	6.34E-08	6.44E-08	6.54E-08	6.64E-08	-2.10E-08	-1.45E-08	-1.42E-08	-1.40E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	6.50E-08	6.70E-08	6.90E-08	6.70E-08	-2.30E-08	-1.60E-08	-1.40E-08	-3.80E-09

#### Licensee Comments:

3Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

2Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

### Mitigating Systems Performance Index, Heat Removal System



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

#### Notes

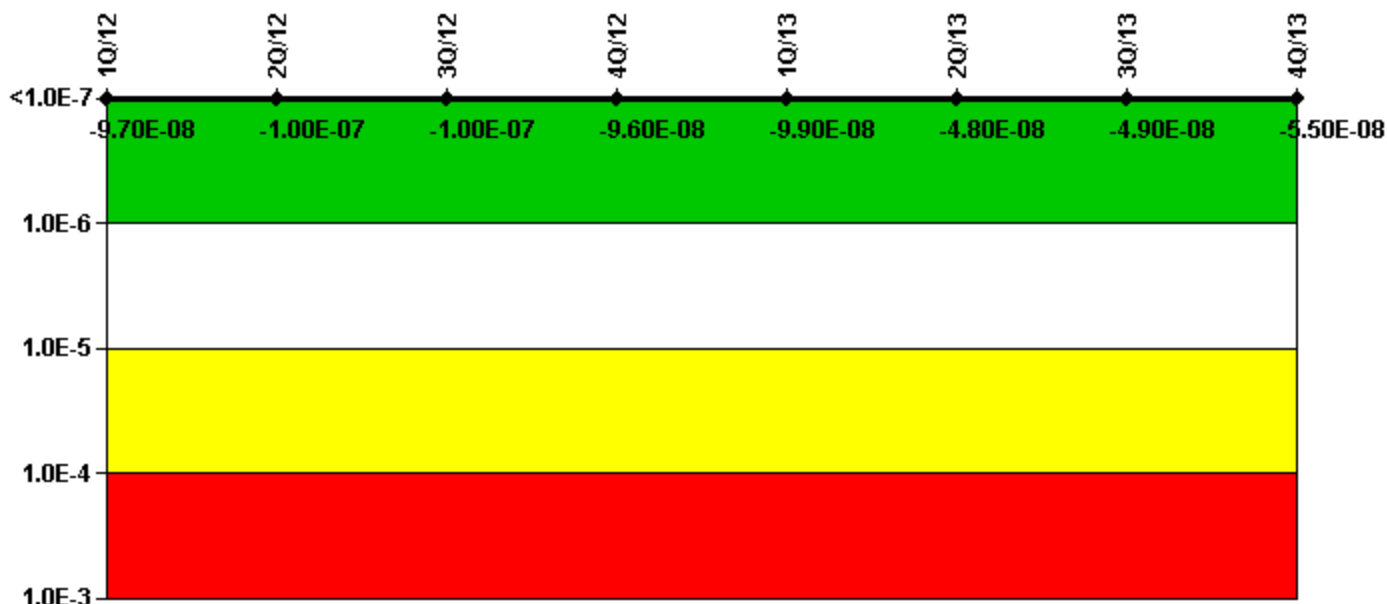
Mitigating Systems Performance Index, Heat Removal System	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
UAI ( $\Delta$ CDF)	-1.39E-09	-1.39E-09	-1.89E-09	-1.29E-09	-1.33E-09	-5.62E-10	-1.16E-09	-1.16E-09
URI ( $\Delta$ CDF)	-2.03E-10	-2.03E-10	-6.79E-09	-6.79E-09	-6.79E-09	-4.66E-09	-4.66E-09	-4.66E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.60E-09	-1.60E-09	-8.70E-09	-8.10E-09	-8.10E-09	-5.20E-09	-5.80E-09	-5.80E-09

#### Licensee Comments:

3Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

2Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

### 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	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
UAI ( $\Delta$ CDF)	-1.30E-08	-1.79E-08	-1.81E-08	-1.17E-08	-1.41E-08	1.32E-09	4.22E-10	-5.43E-09
URI ( $\Delta$ CDF)	-8.44E-08	-8.44E-08	-8.44E-08	-8.44E-08	-8.44E-08	-4.94E-08	-4.94E-08	-4.94E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-9.70E-08	-1.00E-07	-1.00E-07	-9.60E-08	-9.90E-08	-4.80E-08	-4.90E-08	-5.50E-08

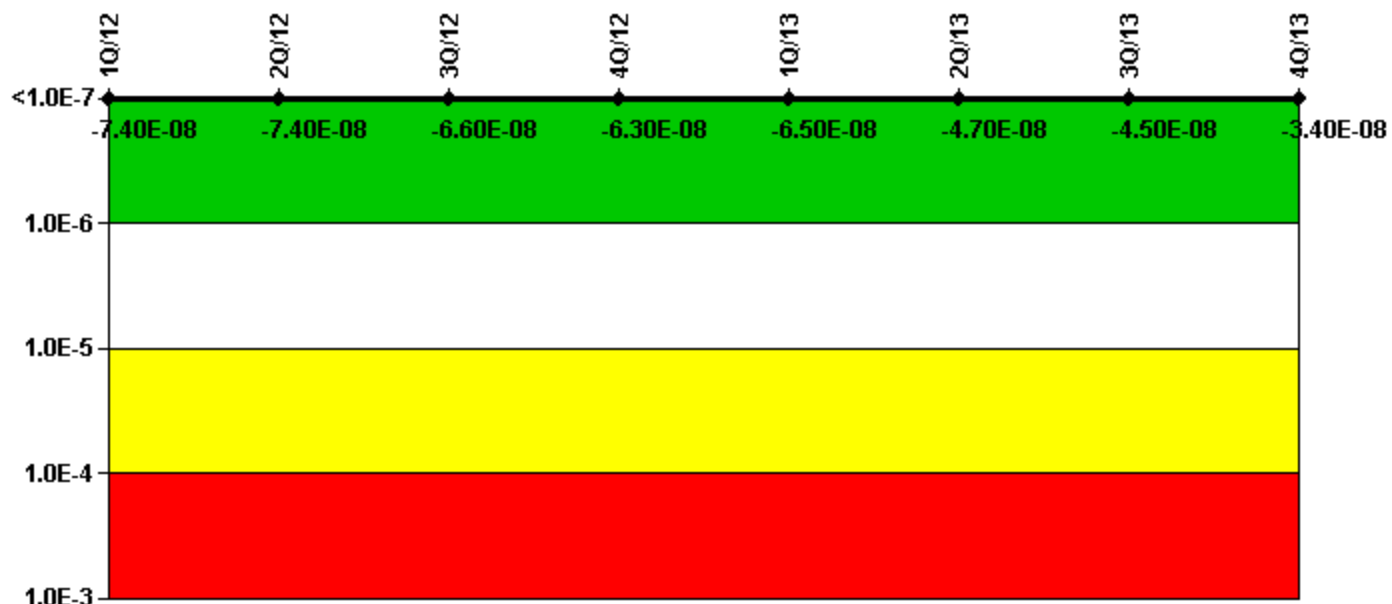
#### Licensee Comments:

3Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

2Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.



### Mitigating Systems Performance Index, Cooling Water Systems



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

#### Notes

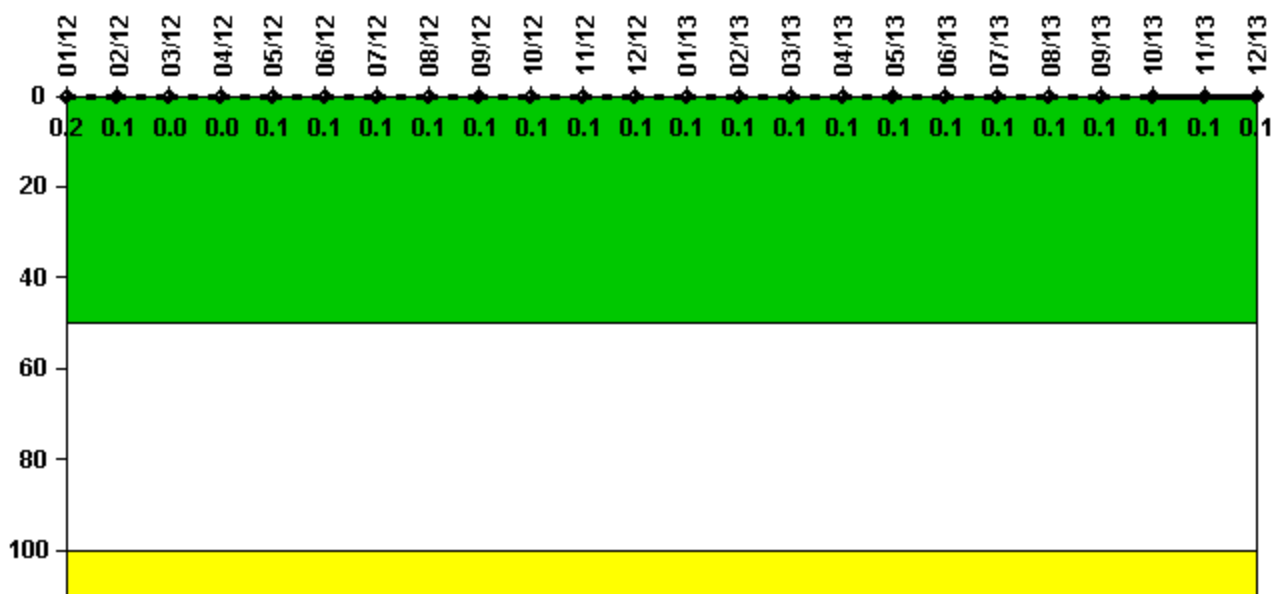
Mitigating Systems Performance Index, Cooling Water Systems	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
UAI ( $\Delta$ CDF)	3.10E-08	3.10E-08	3.84E-08	4.13E-08	3.99E-08	1.63E-08	1.81E-08	2.90E-08
URI ( $\Delta$ CDF)	-1.05E-07	-1.05E-07	-1.05E-07	-1.05E-07	-1.05E-07	-6.33E-08	-6.33E-08	-6.33E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-7.40E-08	-7.40E-08	-6.60E-08	-6.30E-08	-6.50E-08	-4.70E-08	-4.50E-08	-3.40E-08

Licensee Comments:

3Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model and implemented for the 2nd Quarter of 2013.

2Q/13: Changed PRA Parameter(s). A new PRA model (2011A) was approved and implemented in the 1st Quarter of 2013. PRA coefficients were updated in CDE to reflect the new model, effective for the 2nd Quarter of 2013.

### Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

#### Notes

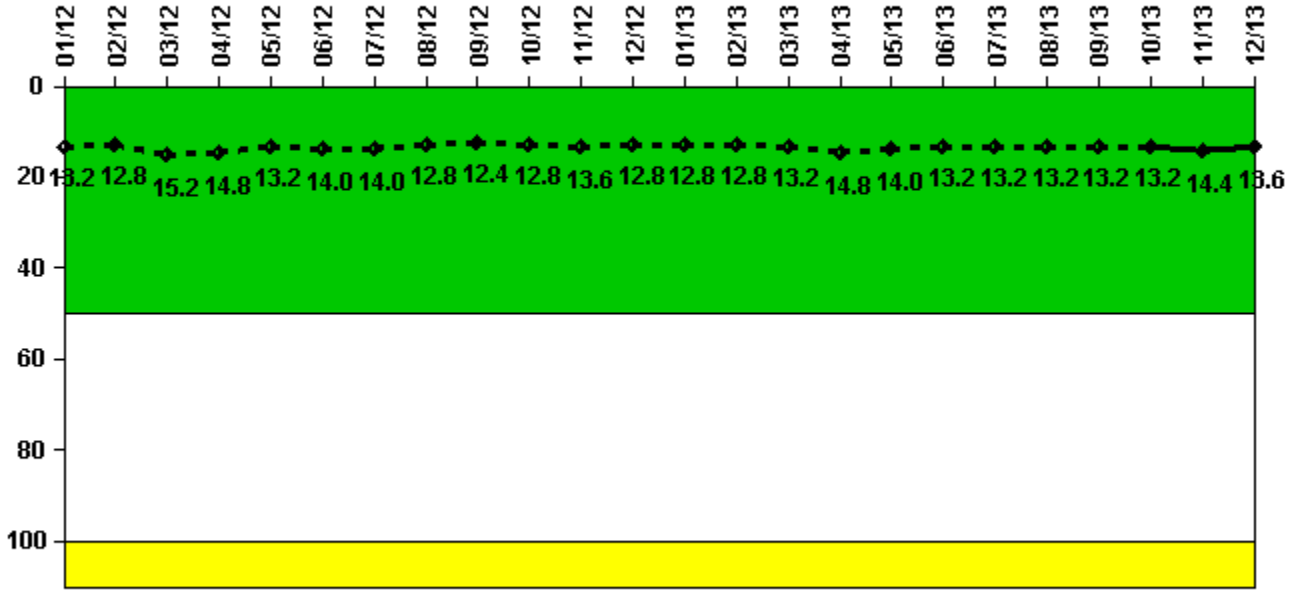
Reactor Coolant System Activity	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	12/12
Maximum activity	0.000306	0.000292	0.000081	0.000089	0.000136	0.000106	0.000110	0.000101	0.000118	0.000162	0.000121	0.000136
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0.2	0.1	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Reactor Coolant System Activity	1/13	2/13	3/13	4/13	5/13	6/13	7/13	8/13	9/13	10/13	11/13	12/13
Maximum activity	0.000134	0.000134	0.000157	0.000159	0.000149	0.000178	0.000215	0.000282	0.000183	0.000170	0.000167	0.000212
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	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

### Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

**Notes**

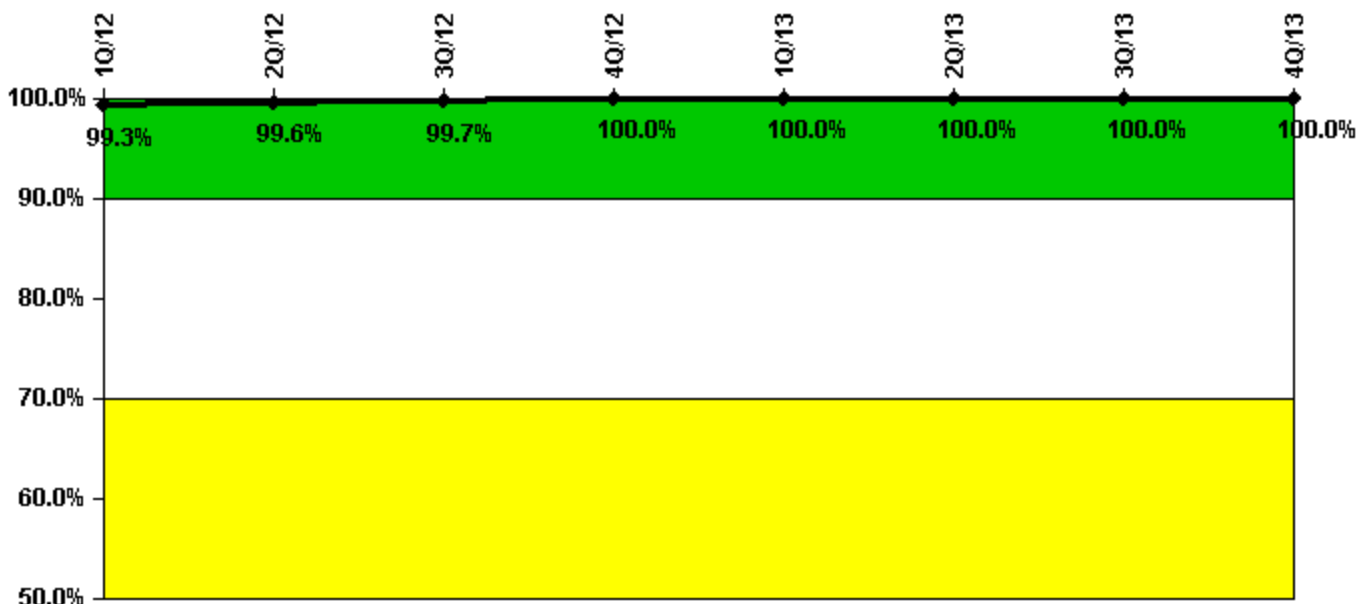
Reactor Coolant System Leakage	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	12/12
Maximum leakage	3.300	3.200	3.800	3.700	3.300	3.500	3.500	3.200	3.100	3.200	3.400	3.200
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	13.2	12.8	15.2	14.8	13.2	14.0	14.0	12.8	12.4	12.8	13.6	12.8

Reactor Coolant System Leakage	1/13	2/13	3/13	4/13	5/13	6/13	7/13	8/13	9/13	10/13	11/13	12/13
Maximum leakage	3.200	3.200	3.300	3.700	3.500	3.300	3.300	3.300	3.300	3.300	3.600	3.400
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	12.8	12.8	13.2	14.8	14.0	13.2	13.2	13.2	13.2	13.2	14.4	13.6

Licensee Comments: none

### Drill/Exercise Performance



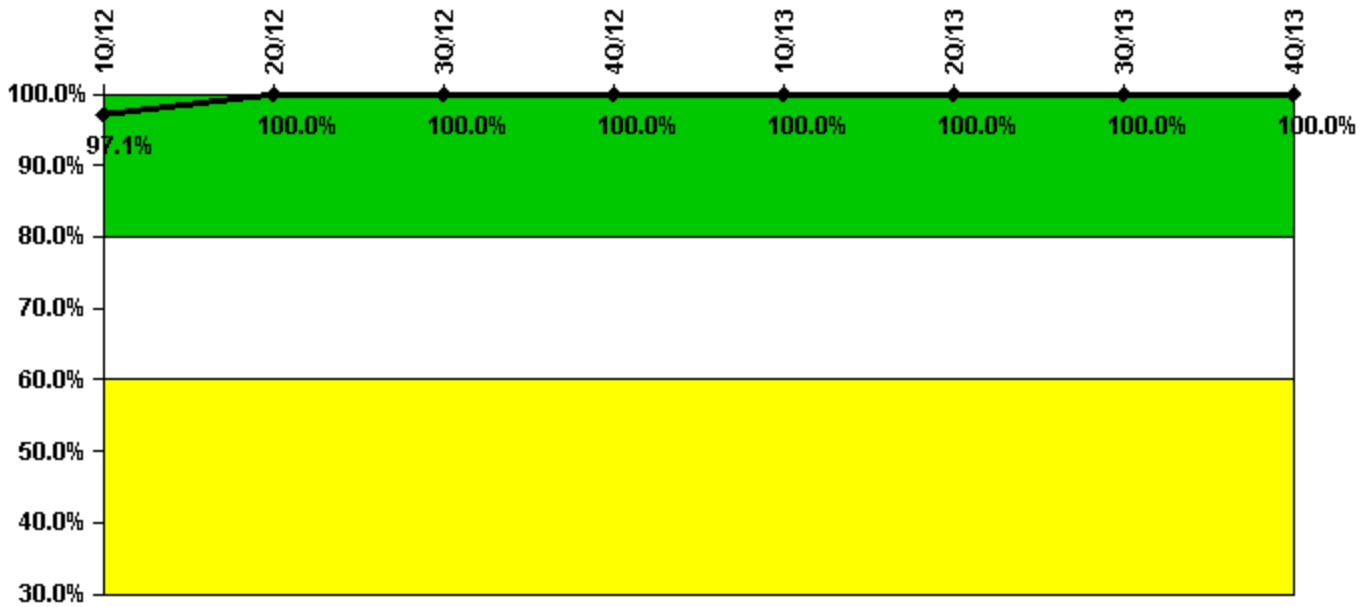
Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

Drill/Exercise Performance	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Successful opportunities	24.0	64.0	23.0	33.0	10.0	49.0	30.0	30.0
Total opportunities	24.0	64.0	23.0	33.0	10.0	49.0	30.0	30.0
Indicator value	99.3%	99.6%	99.7%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

### ERO Drill Participation



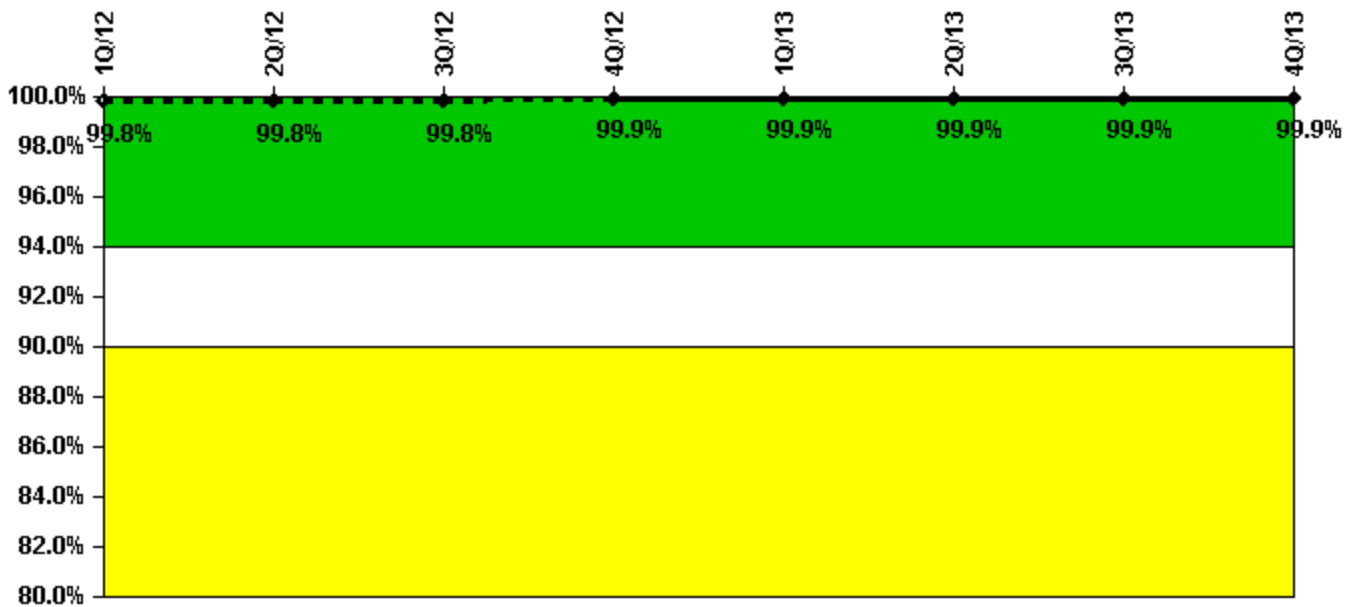
Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

ERO Drill Participation	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Participating Key personnel	68.0	68.0	69.0	71.0	70.0	68.0	68.0	67.0
Total Key personnel	70.0	68.0	69.0	71.0	70.0	68.0	68.0	67.0
Indicator value	97.1%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

### Alert & Notification System



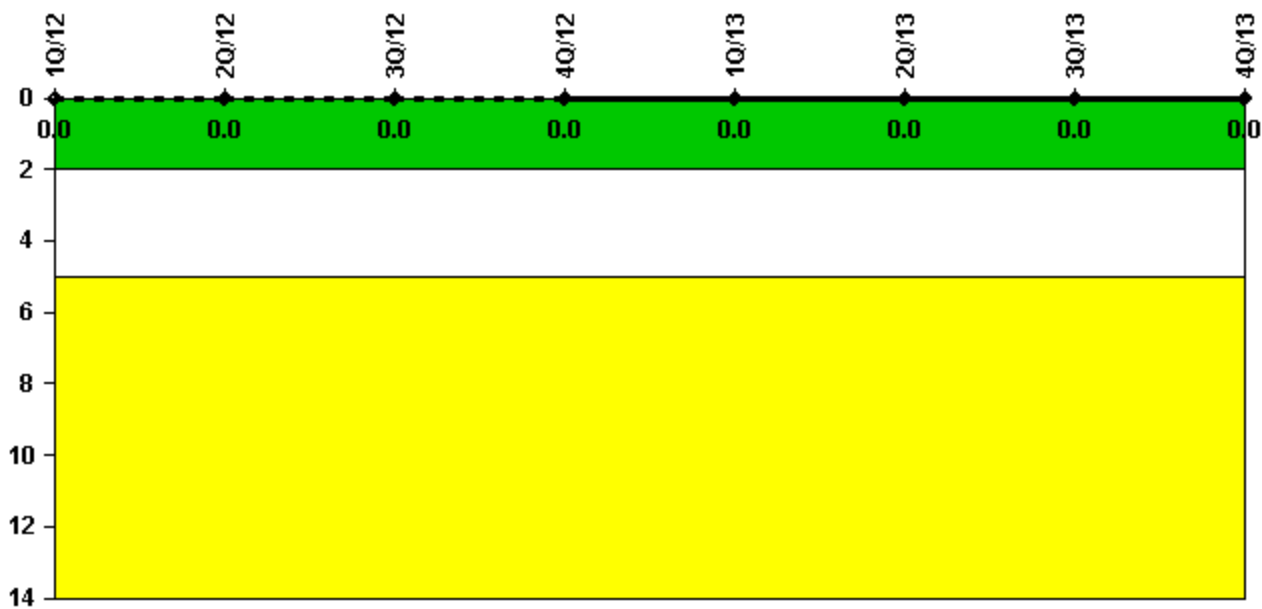
Thresholds: White < 94.0% Yellow < 90.0%

#### Notes

Alert & Notification System	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Successful siren-tests	2207	2172	2137	2175	2175	2170	2176	2175
Total sirens-tests	2210	2176	2142	2176	2176	2176	2176	2176
Indicator value	99.8%	99.8%	99.8%	99.9%	99.9%	99.9%	99.9%	99.9%

Licensee Comments: none

### Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

**Notes**

Occupational Exposure Control Effectiveness	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
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	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
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: January 22, 2014*