

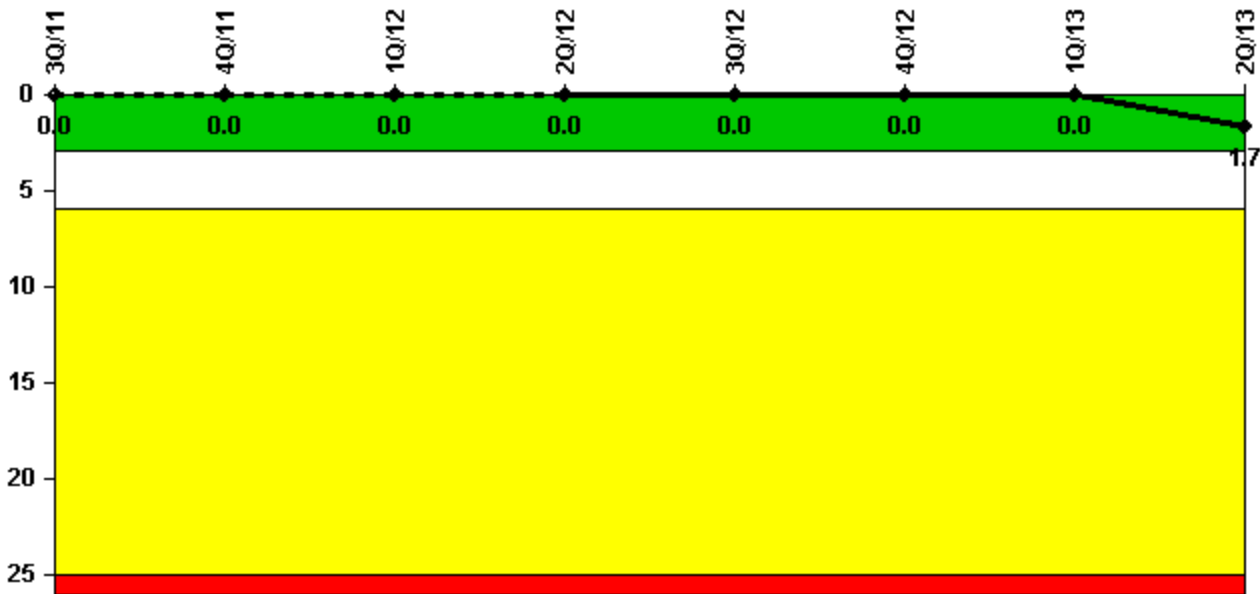
## La Salle 2

### 2Q/2013 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

#### Unplanned Scrams per 7000 Critical Hrs



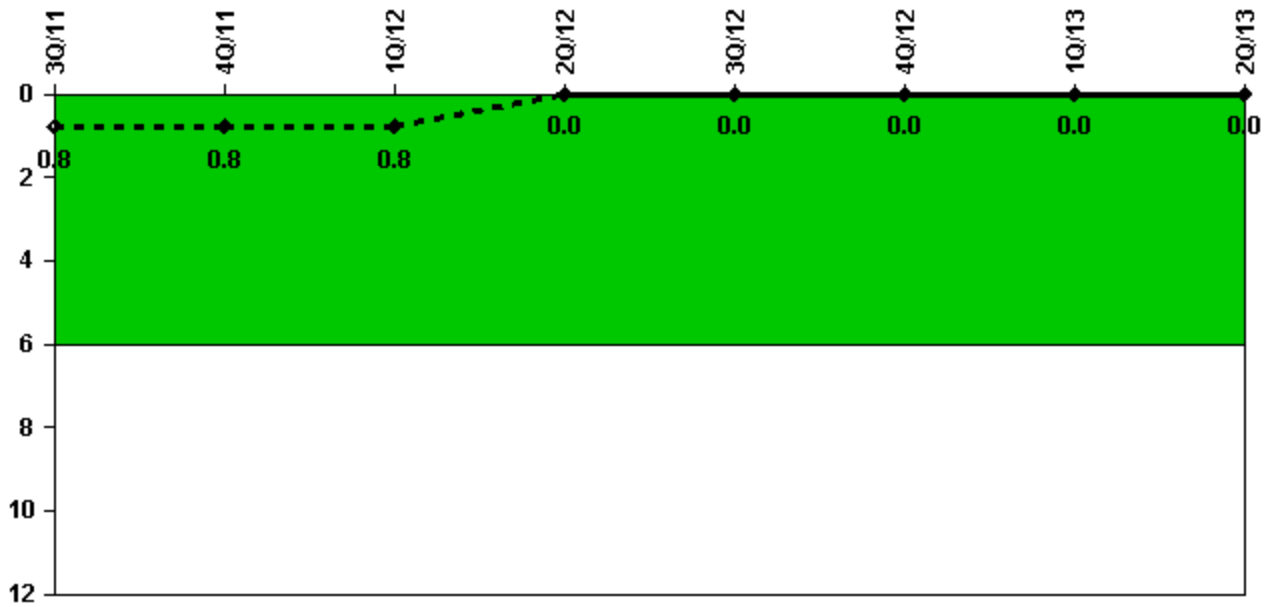
**Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0**

#### Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Unplanned scrams	0	0	0	0	0	0	0	2.0
Critical hours	2208.0	2209.0	2183.0	2184.0	2208.0	2209.0	1678.4	1915.5
<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>1.7</b>

Licensee Comments: none

### Unplanned Power Changes per 7000 Critical Hrs



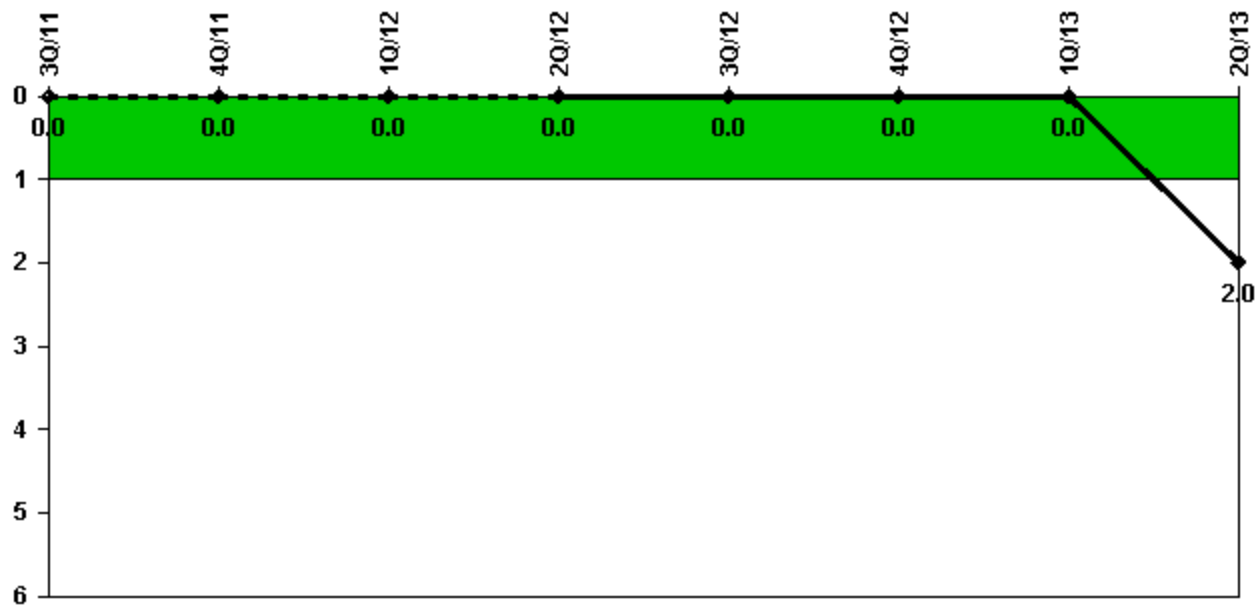
Thresholds: White > 6.0

#### Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2208.0	2209.0	2183.0	2184.0	2208.0	2209.0	1678.4	1915.5
<b>Indicator value</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>	<b>0</b>

Licensee Comments: none

### Unplanned Scrams with Complications



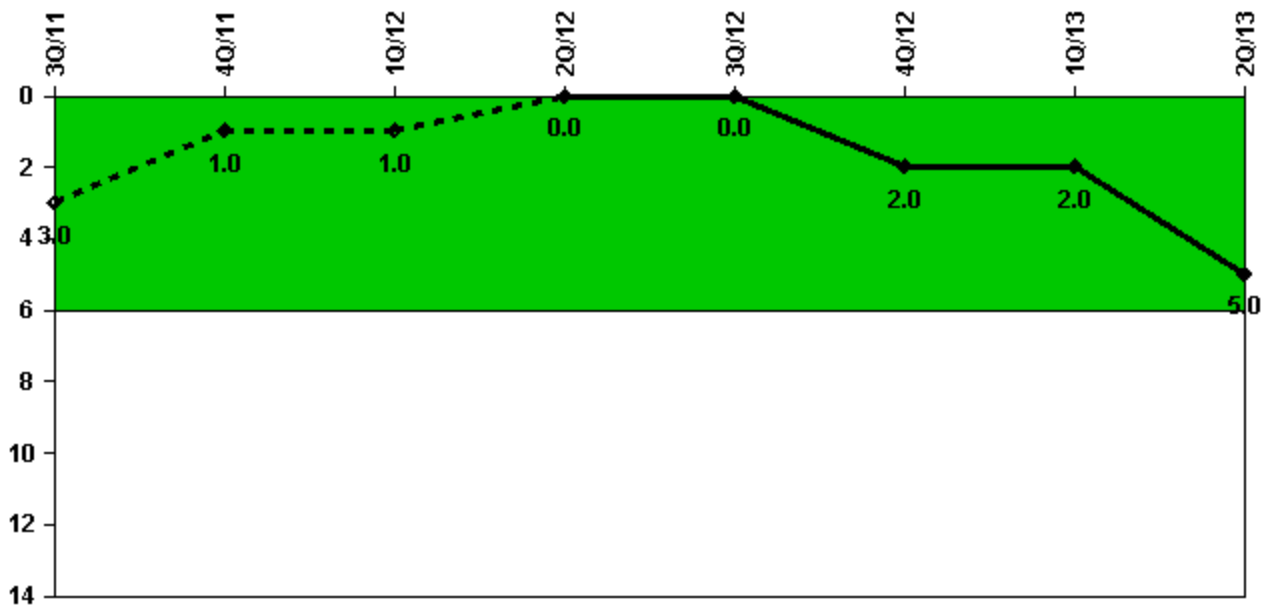
Thresholds: White > 1.0

#### Notes

Unplanned Scrams with Complications	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Scrams with complications	0	0	0	0	0	0	0	2.0
<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>0.0</b>	<b>0.0</b>	<b>2.0</b>

Licensee Comments: none

### Safety System Functional Failures (BWR)



Thresholds: White > 6.0

#### Notes

Safety System Functional Failures (BWR)	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Safety System Functional Failures	0	0	0	0	0	2	0	3
<b>Indicator value</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>5</b>

Licensee Comments:

2Q/13: LERs 373-2013-001, 373-2013-002, and 374-2013-001

4Q/12: LER 374-2012-001-00; 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	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
UAI ( $\Delta$ CDF)	-4.09E-09	-4.08E-09	-4.07E-09	-4.07E-09	-4.09E-09	-4.09E-09	-4.09E-09	-6.33E-09
URI ( $\Delta$ CDF)	-2.25E-08	-2.25E-08	-2.24E-08	-2.22E-08	-2.20E-08	-2.19E-08	-2.17E-08	-3.19E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.70E-08	-2.70E-08	-2.60E-08	-2.60E-08	-2.60E-08	-2.60E-08	-2.60E-08	-3.80E-08

#### Licensee Comments:

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	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
UAI ( $\Delta$ CDF)	-2.20E-09	-2.20E-09	-2.20E-09	-2.20E-09	-2.20E-09	-1.49E-09	-6.95E-10	-1.43E-09
URI ( $\Delta$ CDF)	-2.08E-08	-2.08E-08	-2.05E-08	-2.03E-08	-2.00E-08	-1.98E-08	-1.95E-08	-1.42E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.30E-08	-2.30E-08	-2.30E-08	-2.20E-08	-2.20E-08	-2.10E-08	-2.00E-08	-1.60E-08

#### Licensee Comments:

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

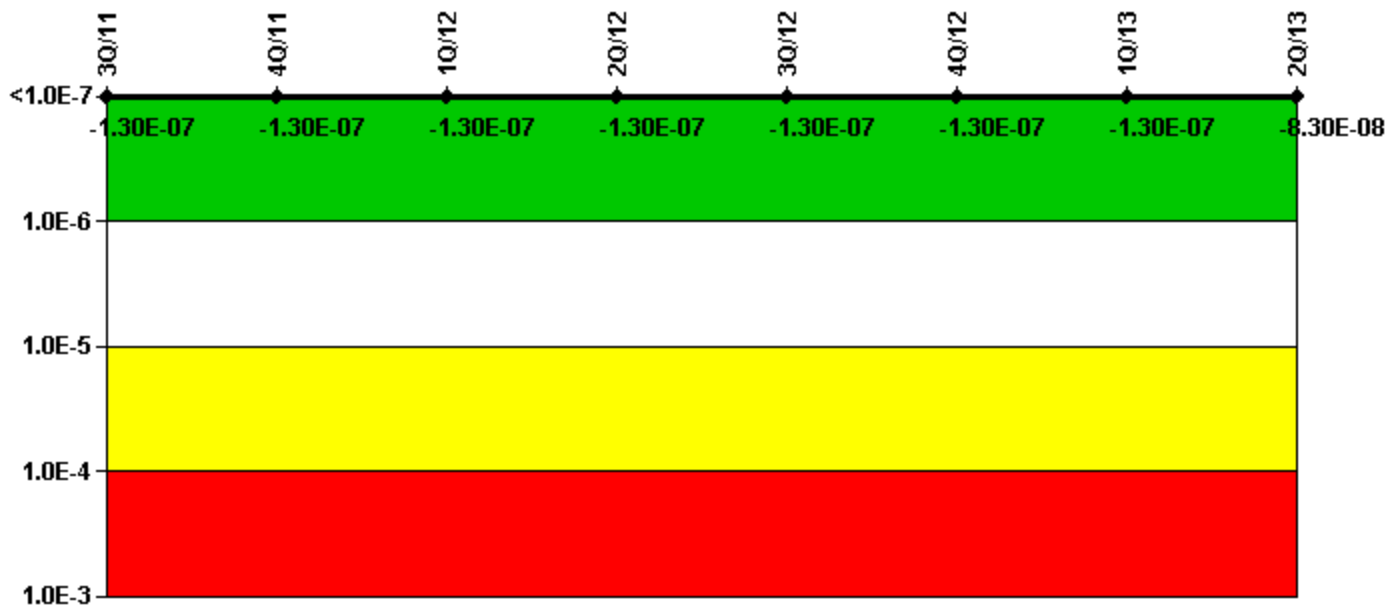
#### Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
UAI ( $\Delta$ CDF)	-1.12E-09	-9.83E-10	-2.54E-09	-2.19E-09	-2.19E-09	-2.19E-09	-1.94E-09	-1.04E-09
URI ( $\Delta$ CDF)	-6.78E-09	-6.78E-09	-6.78E-09	-1.92E-10	-1.92E-10	-1.92E-10	-1.92E-10	-1.36E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-7.90E-09	-7.80E-09	-9.30E-09	-2.40E-09	-2.40E-09	-2.40E-09	-2.10E-09	-2.40E-09

Licensee Comments:

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**

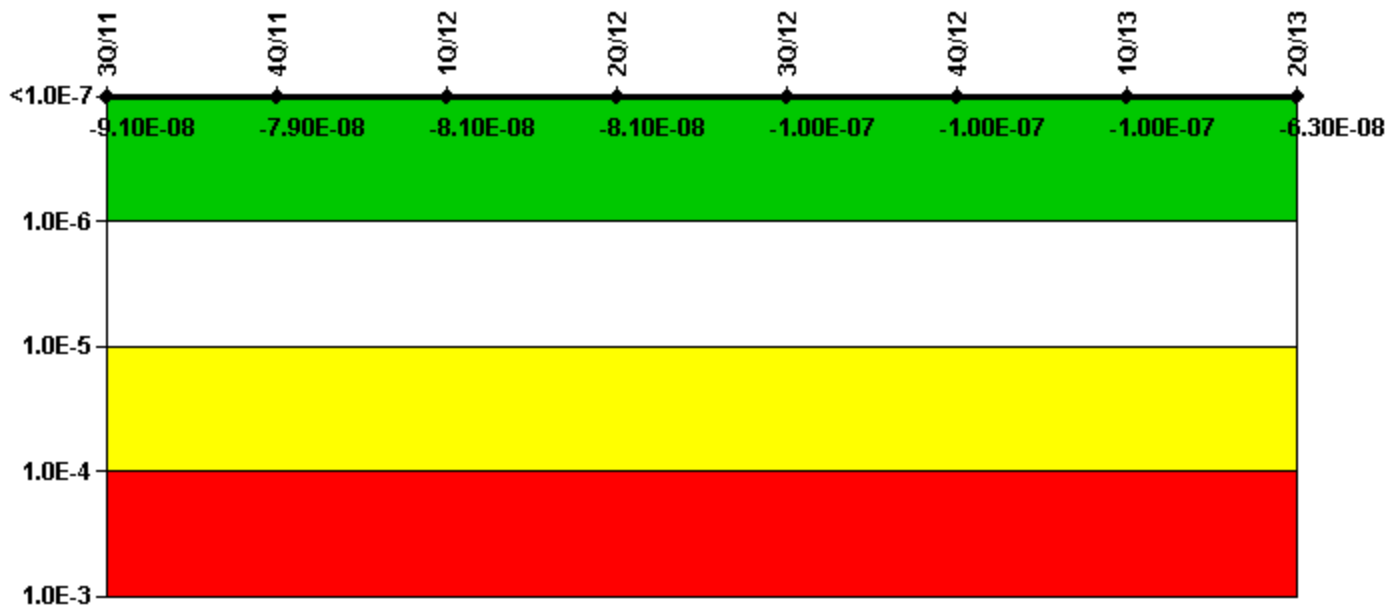
Mitigating Systems Performance Index, Residual Heat Removal System	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
UAI ( $\Delta$ CDF)	-4.99E-08	-4.99E-08	-4.99E-08	-4.99E-08	-4.99E-08	-4.99E-08	-4.99E-08	-3.55E-08
URI ( $\Delta$ CDF)	-8.15E-08	-8.15E-08	-8.15E-08	-8.15E-08	-8.15E-08	-8.15E-08	-8.15E-08	-4.75E-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	-1.30E-07	-1.30E-07	-8.30E-08

Licensee Comments:

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

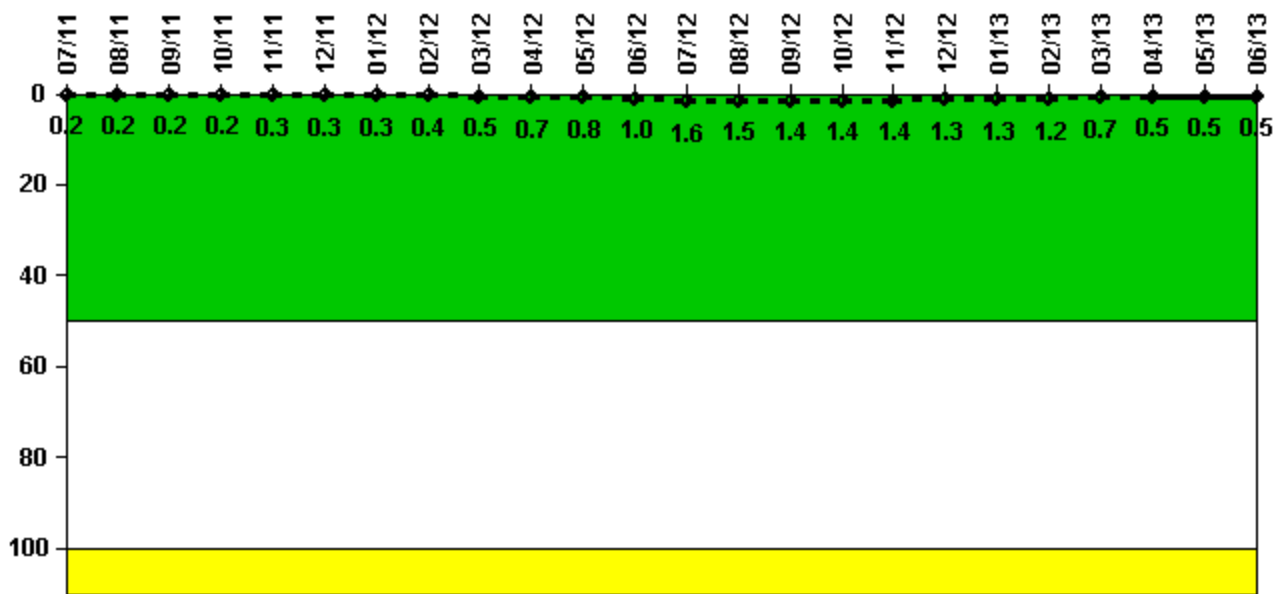
Mitigating Systems Performance Index, Cooling Water Systems	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
UAI ( $\Delta$ CDF)	1.31E-08	2.51E-08	2.35E-08	2.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00
URI ( $\Delta$ CDF)	-1.04E-07	-1.05E-07	-1.05E-07	-1.05E-07	-1.05E-07	-1.05E-07	-1.05E-07	-6.32E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-9.10E-08	-7.90E-08	-8.10E-08	-8.10E-08	-1.00E-07	-1.00E-07	-1.00E-07	-6.30E-08

Licensee Comments:

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.

4Q/12: During a routine review, it was identified that 10.6 hours of planned unavailability incurred in September 2012 for the Common Diesel Generator Cooling Water Pump (ODG01P) was inadvertently only counted for Unit 1. To correct this error, 10.6 hours of planned unavailability has been added to the Unit 2 September 2012 data. This change did not result in a change in performance indicator color, which is Green. This occurrence has been entered into the Station's corrective action program.

### Reactor Coolant System Activity



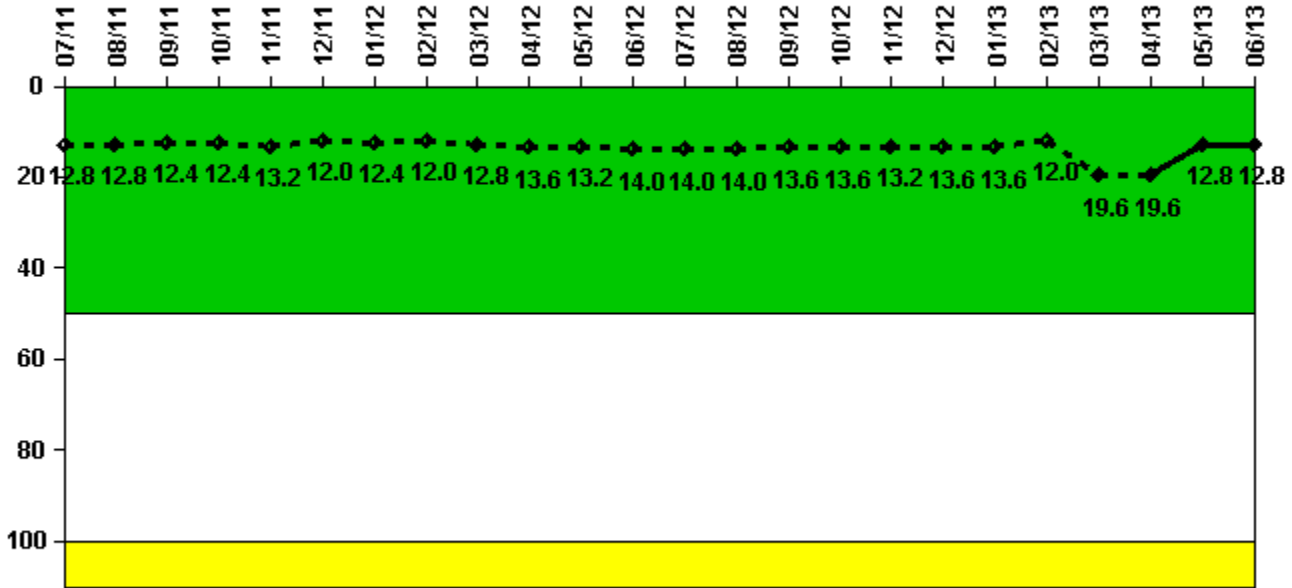
Thresholds: White > 50.0 Yellow > 100.0

#### Notes

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	0.000417	0.000349	0.000374	0.000454	0.000518	0.000626	0.000635	0.000788	0.000994	0.001488	0.001653	0.001954
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	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.5	0.7	0.8	1.0
Reactor Coolant System Activity	7/12	8/12	9/12	10/12	11/12	12/12	1/13	2/13	3/13	4/13	5/13	6/13
Maximum activity	0.003267	0.003087	0.002840	0.002792	0.002709	0.002664	0.002671	0.002332	0.001348	0.001044	0.000980	0.000972
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	1.6	1.5	1.4	1.4	1.4	1.3	1.3	1.2	0.7	0.5	0.5	0.5

Licensee Comments: none

### Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

**Notes**

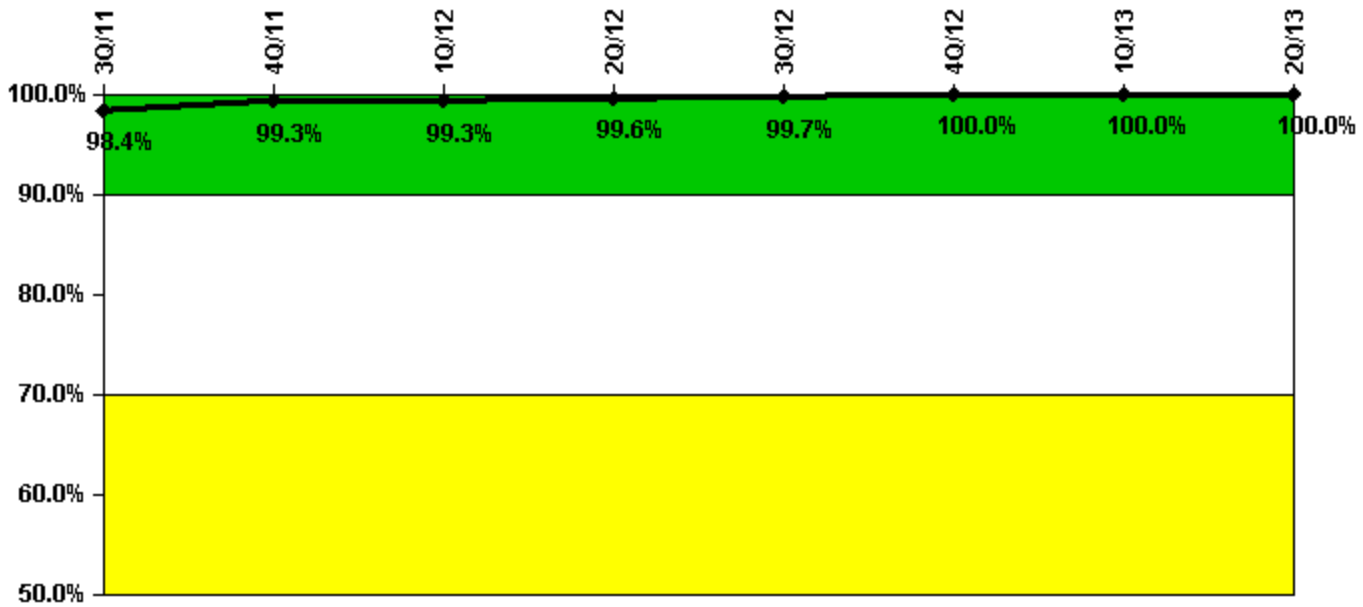
Reactor Coolant System Leakage	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12	4/12	5/12	6/12
Maximum leakage	3.200	3.200	3.100	3.100	3.300	3.000	3.100	3.000	3.200	3.400	3.300	3.500
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	12.8	12.8	12.4	12.4	13.2	12.0	12.4	12.0	12.8	13.6	13.2	14.0

Reactor Coolant System Leakage	7/12	8/12	9/12	10/12	11/12	12/12	1/13	2/13	3/13	4/13	5/13	6/13
Maximum leakage	3.500	3.500	3.400	3.400	3.300	3.400	3.400	3.000	4.900	4.900	3.200	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	14.0	14.0	13.6	13.6	13.2	13.6	13.6	12.0	19.6	19.6	12.8	12.8

Licensee Comments: none

### Drill/Exercise Performance



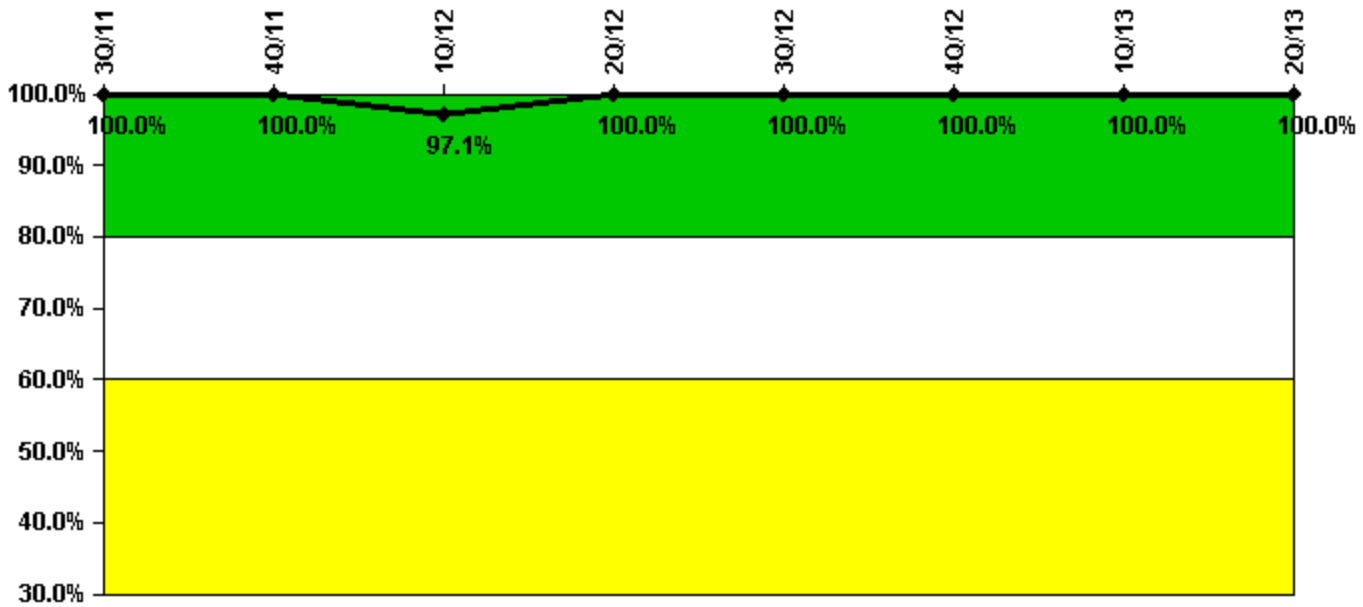
Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

Drill/Exercise Performance	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Successful opportunities	39.0	64.0	24.0	64.0	23.0	33.0	10.0	49.0
Total opportunities	39.0	64.0	24.0	64.0	23.0	33.0	10.0	49.0
Indicator value	98.4%	99.3%	99.3%	99.6%	99.7%	100.0%	100.0%	100.0%

Licensee Comments: none

### ERO Drill Participation



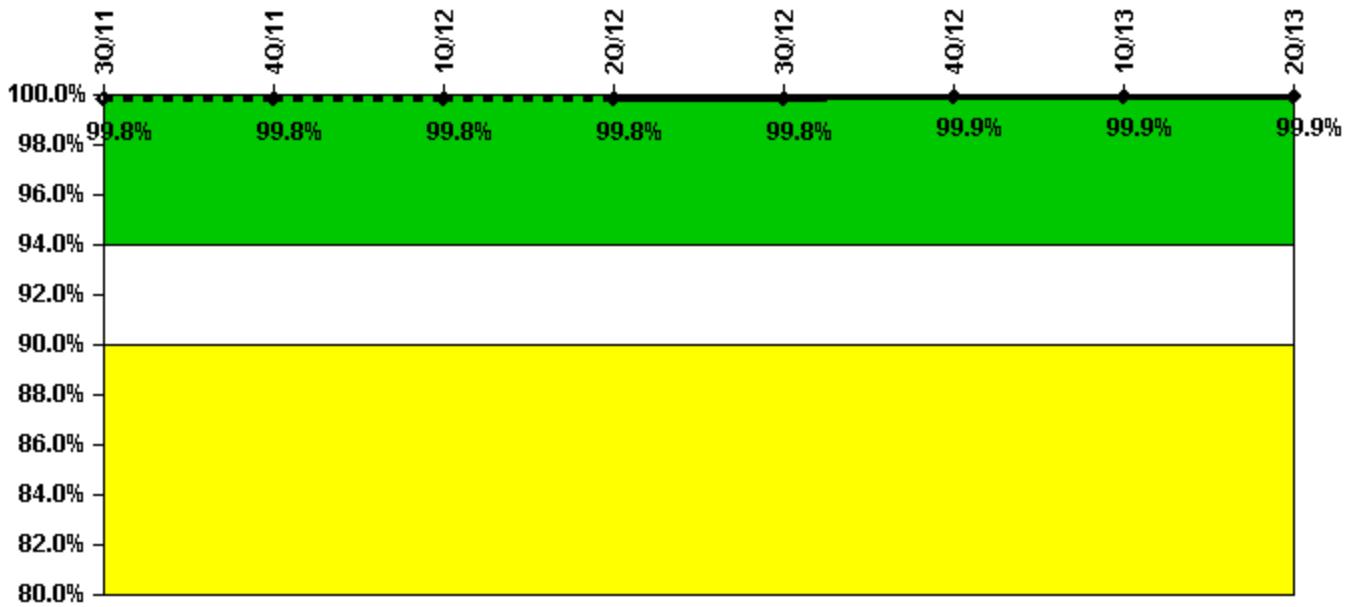
Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

ERO Drill Participation	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Participating Key personnel	68.0	70.0	68.0	68.0	69.0	71.0	70.0	68.0
Total Key personnel	68.0	70.0	70.0	68.0	69.0	71.0	70.0	68.0
Indicator value	100.0%	100.0%	97.1%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

### Alert & Notification System



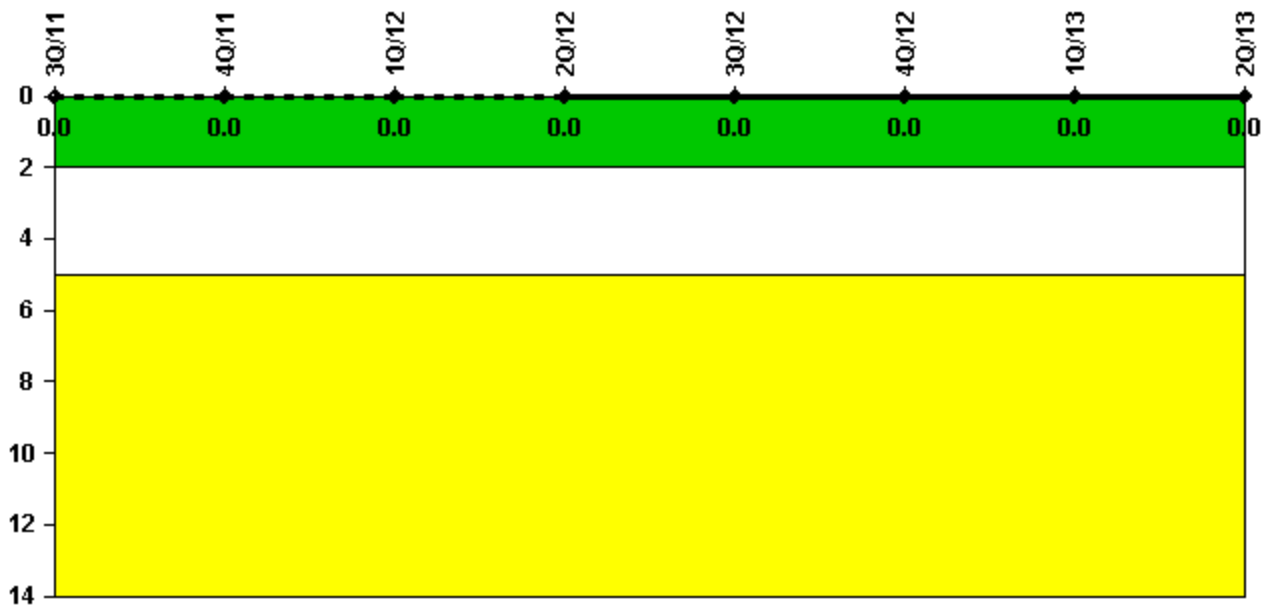
Thresholds: White < 94.0% Yellow < 90.0%

#### Notes

Alert & Notification System	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Successful siren-tests	2170	2171	2207	2172	2137	2175	2175	2170
Total sirens-tests	2176	2176	2210	2176	2142	2176	2176	2176
Indicator value	99.8%	99.8%	99.8%	99.8%	99.8%	99.9%	99.9%	99.9%

Licensee Comments: none

### Occupational Exposure Control Effectiveness



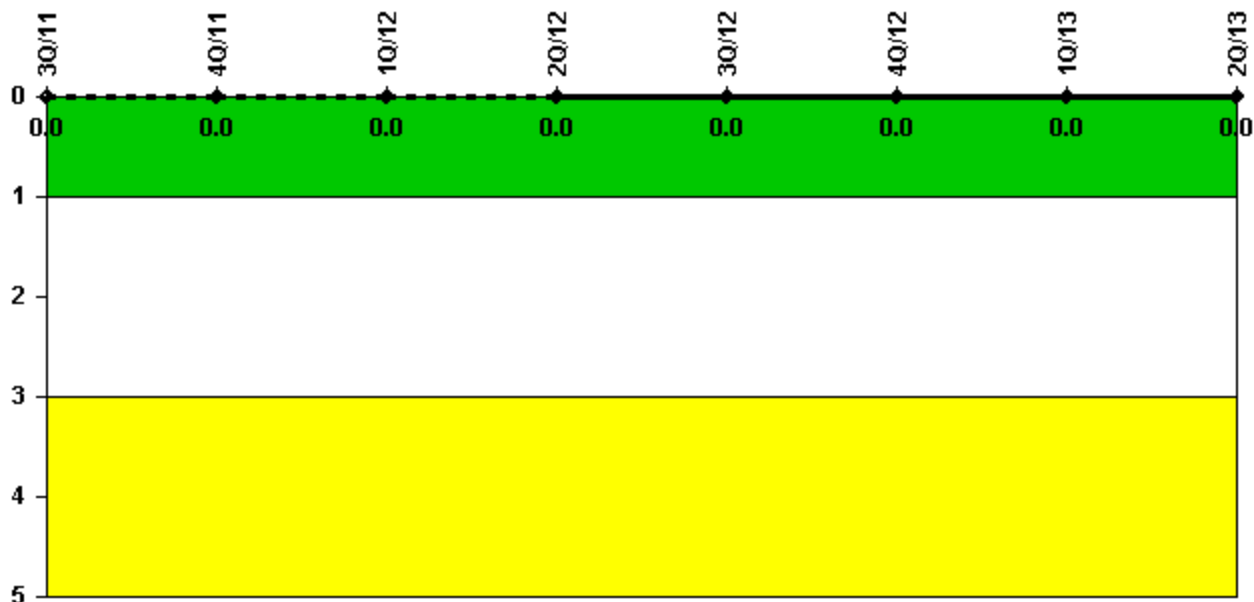
Thresholds: White > 2.0 Yellow > 5.0

#### Notes

Occupational Exposure Control Effectiveness	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/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	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/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: August 19, 2013*