

Saint Lucie 2

1Q/2000 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



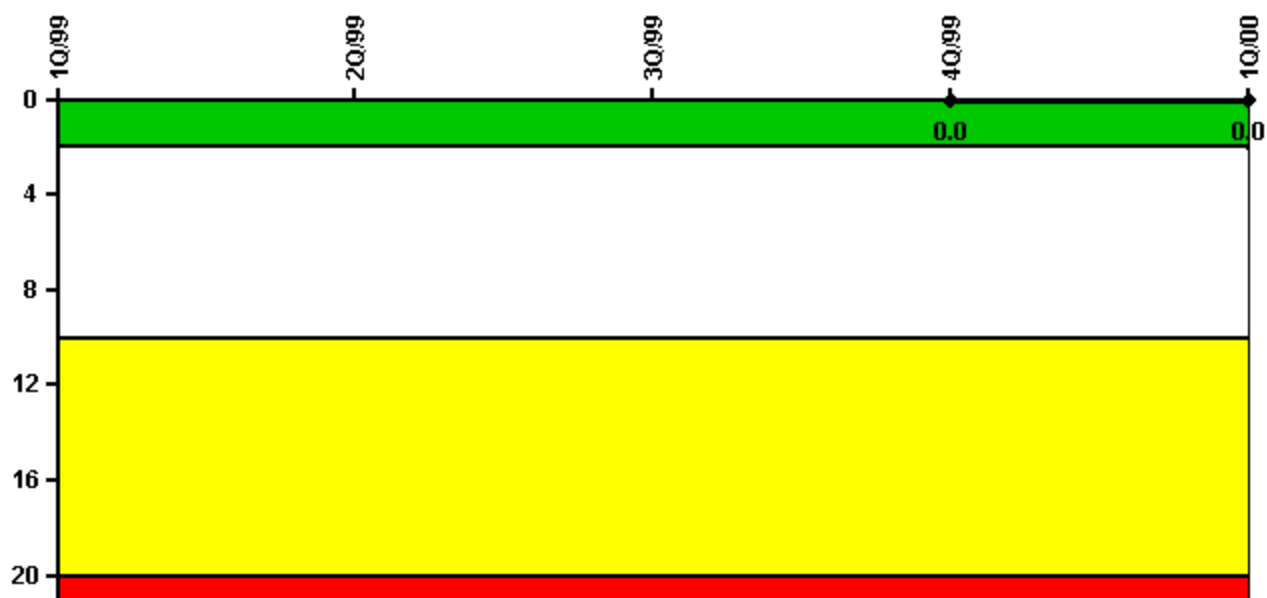
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Unplanned scrams	0	1.0	0	0	0
Critical hours	2160.0	2015.6	2208.0	2209.0	2184.0
Indicator value	0	0.9	0.9	0.8	0.8

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



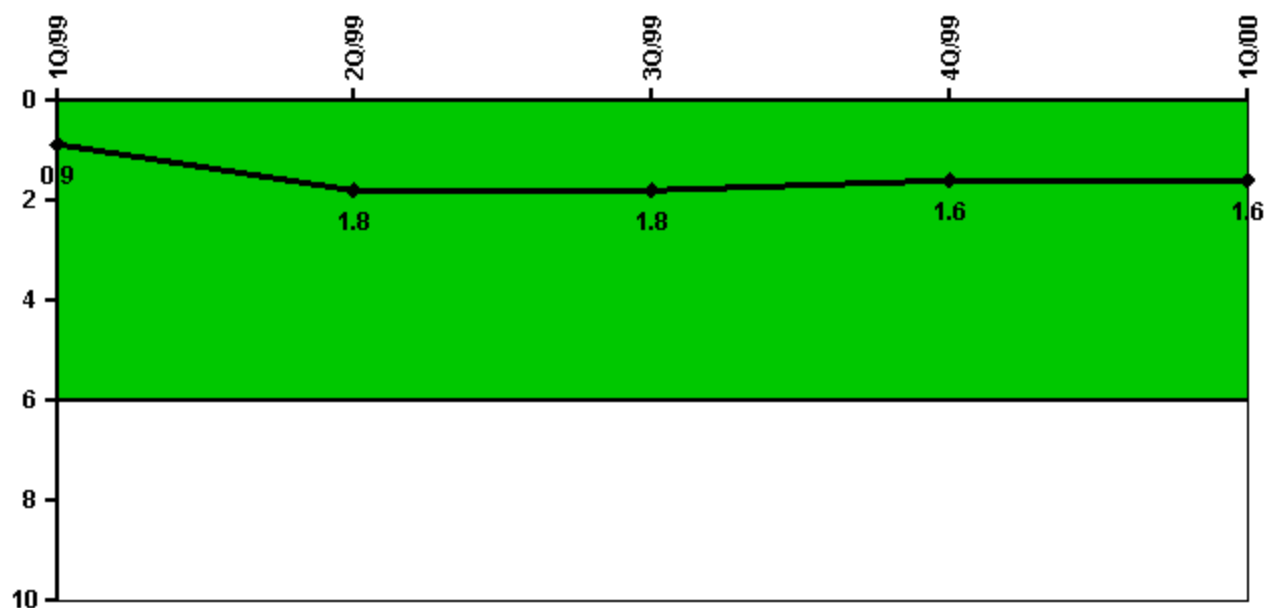
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Scrams	0	0	0	0	0
Indicator value				0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



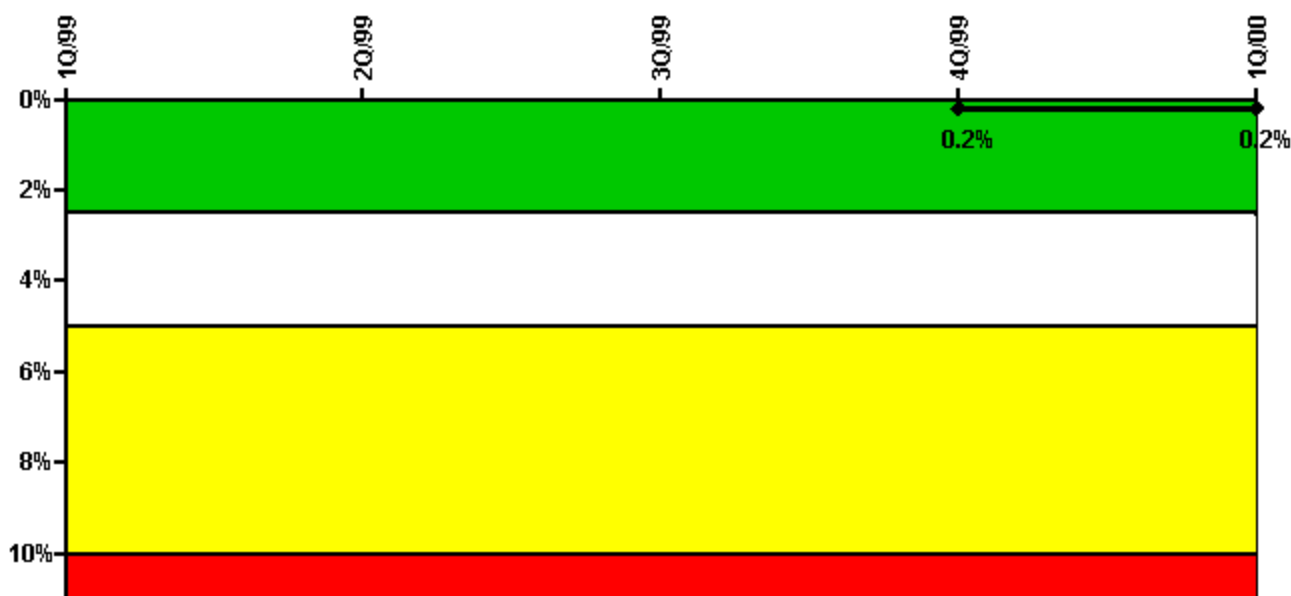
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Unplanned power changes	0	2.0	0	0	0
Critical hours	2160.0	2015.6	2208.0	2209.0	2184.0
Indicator value	0.9	1.8	1.8	1.6	1.6

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	0	0	0	0	6.70
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2184.00
Train 2					
Planned unavailable hours	0	0	0	0	4.40
Unplanned unavailable hours	0	0	0	0	0.40
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2184.00
Indicator value				0.2%	0.2%

Licensee Comments:

1Q/00: 1Q2000 and 2Q2000 data changed to address minor discrepancy where unavailable hours had not been recorded for surveillance testing with EDG parallel to the grid.

Safety System Unavailability, High Pressure Injection System (HPSI)



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

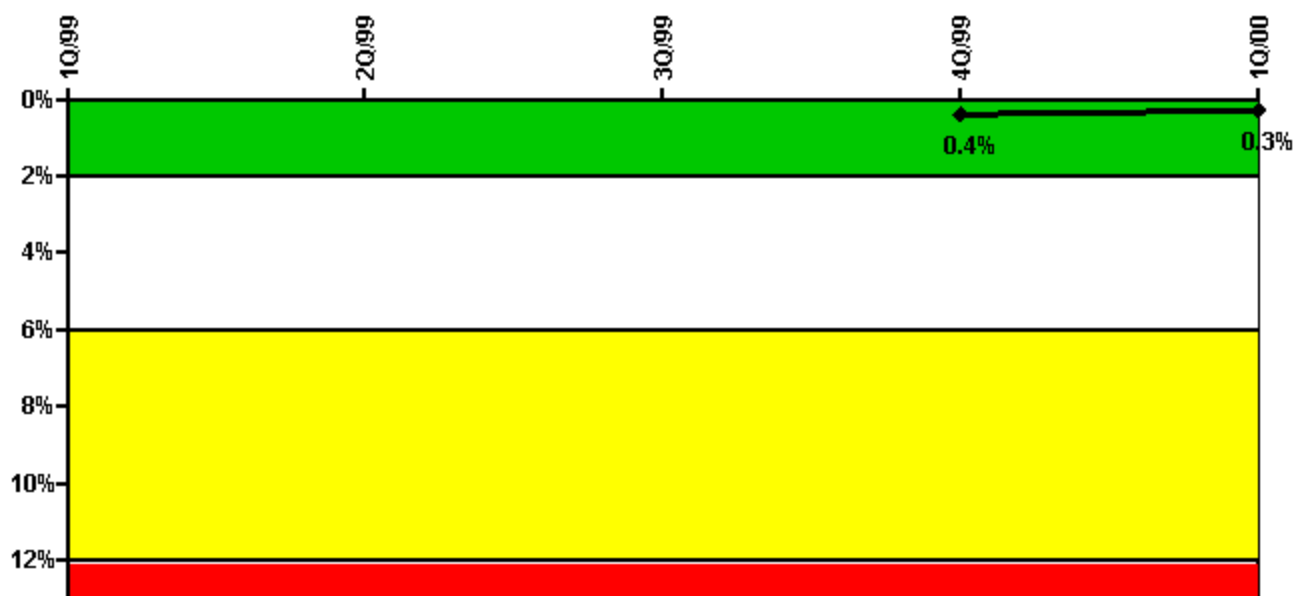
Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	3.60	62.90	1.00	1.90	41.90
Unplanned unavailable hours	41.60	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	2183.00	2184.00	2209.00	2184.00
Train 2					
Planned unavailable hours	3.10	56.10	1.90	3.10	2.40
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	2183.00	2184.00	2209.00	2184.00
Indicator value				0.8%	0.8%

Licensee Comments:

1Q/00: Support systems and data applicable to this indicator may change in future reports as a result of discussions with NRC concerning the unique configuration of Combustion Engineering plants.

Safety System Unavailability, Heat Removal System (AFW)



Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	2.00	8.50	2.80	13.60	2.33
Unplanned unavailable hours	0	0	0	33.00	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2184.00
Train 2					
Planned unavailable hours	1.25	1.00	5.70	1.50	8.70
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2184.00
Train 3					
Planned unavailable hours	9.15	9.00	2.60	13.00	2.15
Unplanned unavailable hours	0	3.25	0	20.00	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2184.00
Indicator value				0.4%	0.3%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	10.70	115.00	2.40	3.70	48.10
Unplanned unavailable hours	48.70	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2184.00
Train 2					
Planned unavailable hours	14.00	64.50	69.00	6.70	1.90
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2184.00
Train 3					
Planned unavailable hours	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	0	0	0	0	0
Train 4					
Planned unavailable hours	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	0	0	0	0	0
Indicator value				0.7%	0.5%

Licensee Comments:

1Q/00: Support systems and data applicable to this indicator may change in future reports as a result of discussions with NRC concerning the unique configuration of Combustion Engineering plants.

1Q/00: Support systems and data applicable to this indicator may change in future reports as a result of discussions with NRC concerning the unique configuration of Combustion Engineering plants.

4Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

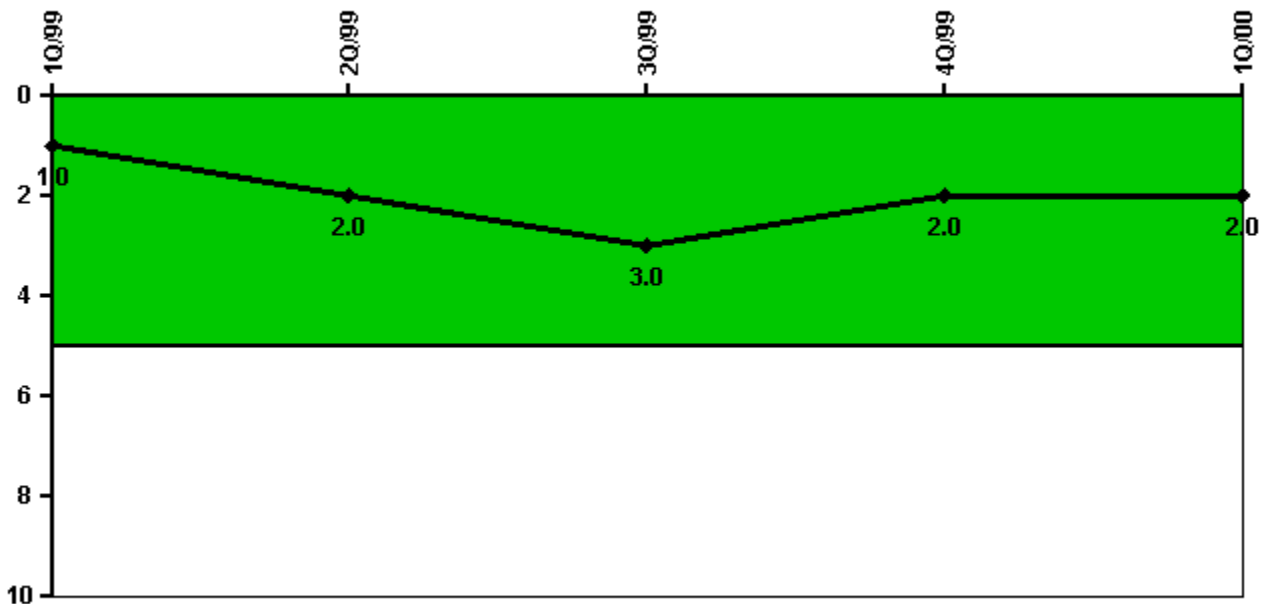
4Q/99: Support systems and data applicable to this indicator may change in future reports as a result of discussions with NRC concerning unique configuration of CE plants.

3Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

2Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

1Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

Safety System Functional Failures (PWR)



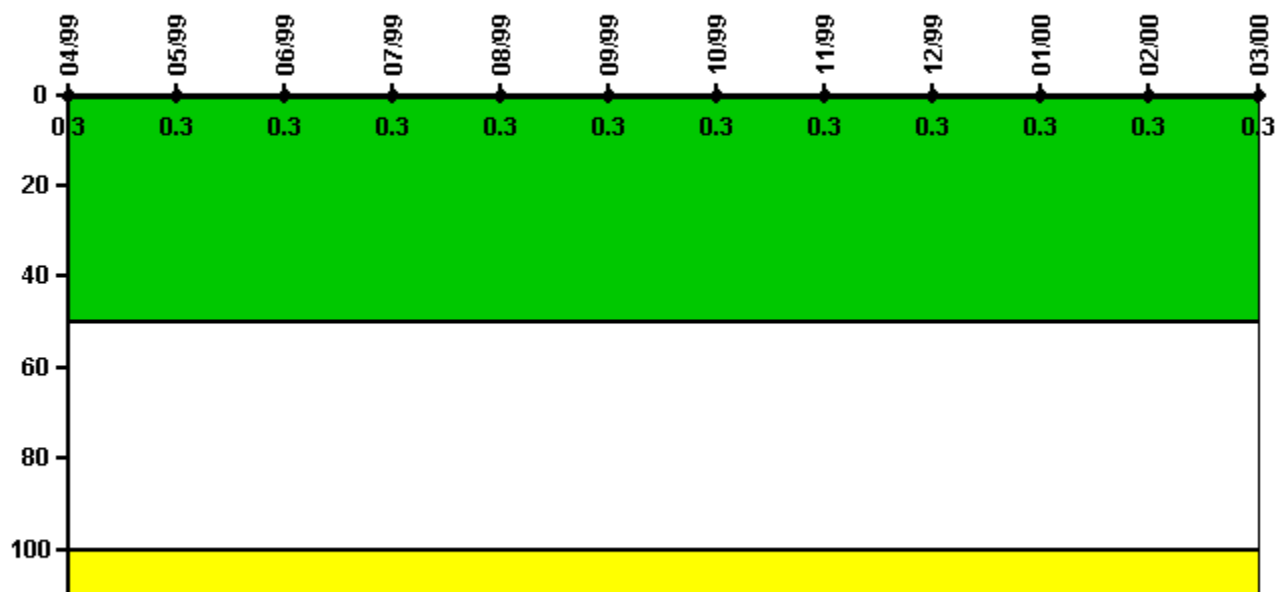
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Safety System Functional Failures	0	1	1	0	0
Indicator value	1	2	3	2	2

Licensee Comments: none

Reactor Coolant System Activity



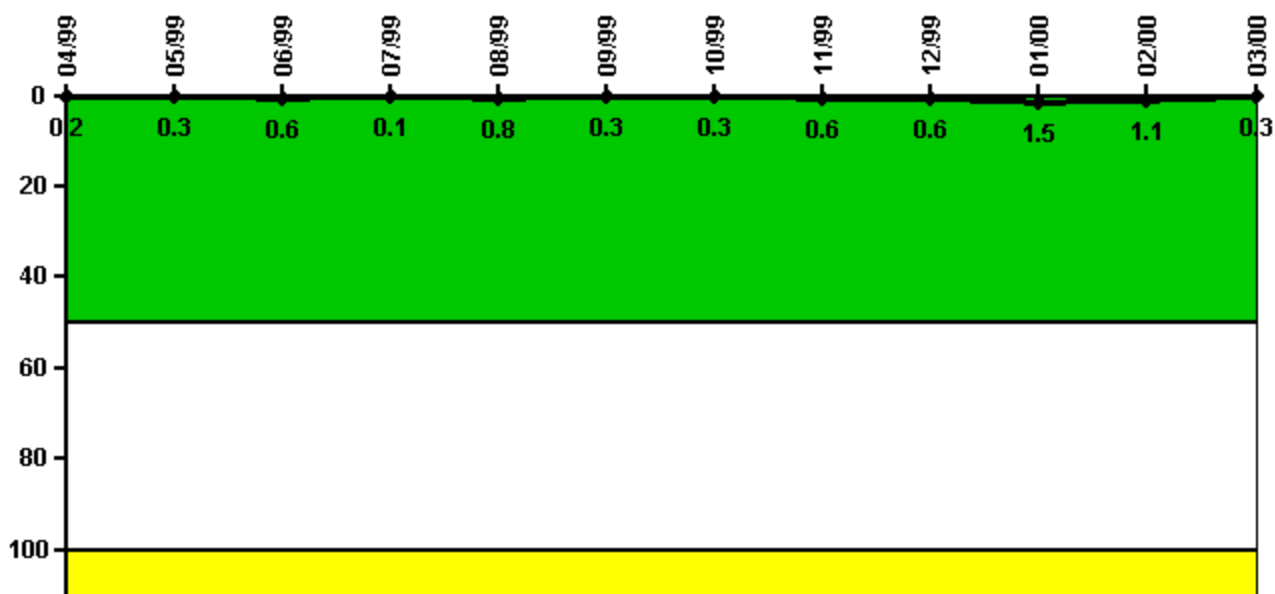
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	4/99	5/99	6/99	7/99	8/99	9/99	10/99	11/99	12/99	1/00	2/00	3/00
Maximum activity	0.002700	0.003300	0.002700	0.002600	0.002800	0.003100	0.003000	0.002700	0.003000	0.002860	0.002830	0.002940
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

Licensee Comments: none

Reactor Coolant System Leakage



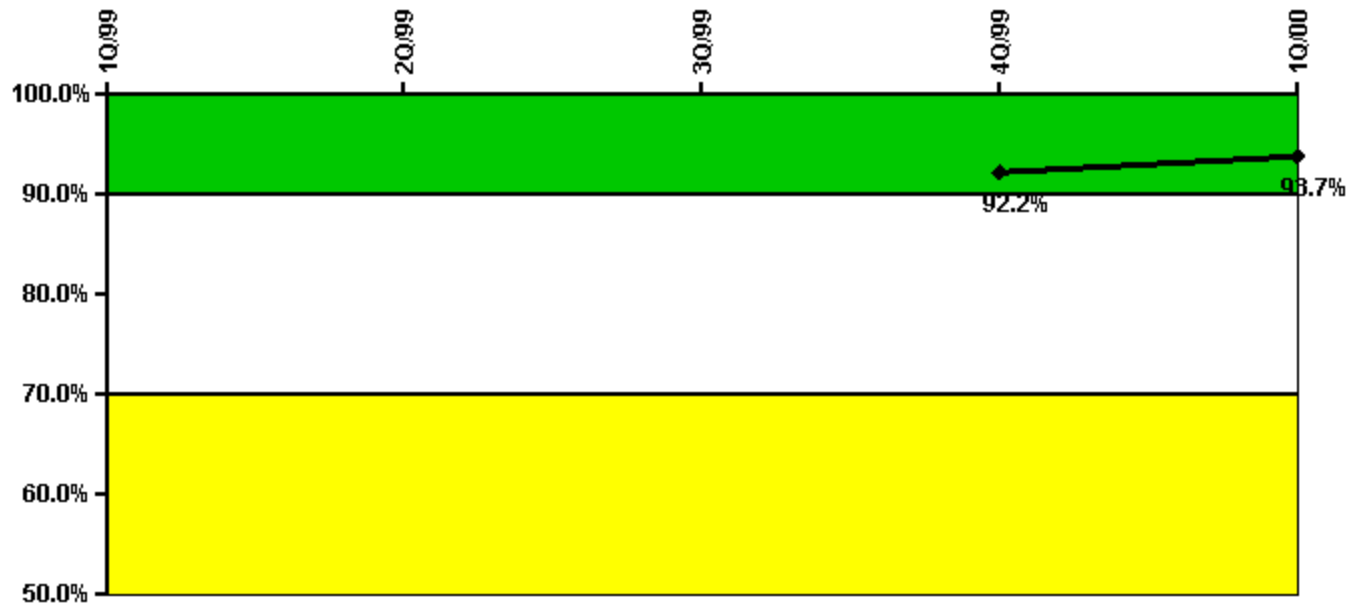
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/99	5/99	6/99	7/99	8/99	9/99	10/99	11/99	12/99	1/00	2/00	3/00
Maximum leakage	0.020	0.030	0.060	0.010	0.080	0.030	0.030	0.060	0.060	0.150	0.110	0.030
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.3	0.6	0.1	0.8	0.3	0.3	0.6	0.6	1.5	1.1	0.3

Licensee Comments: none

Drill/Exercise Performance



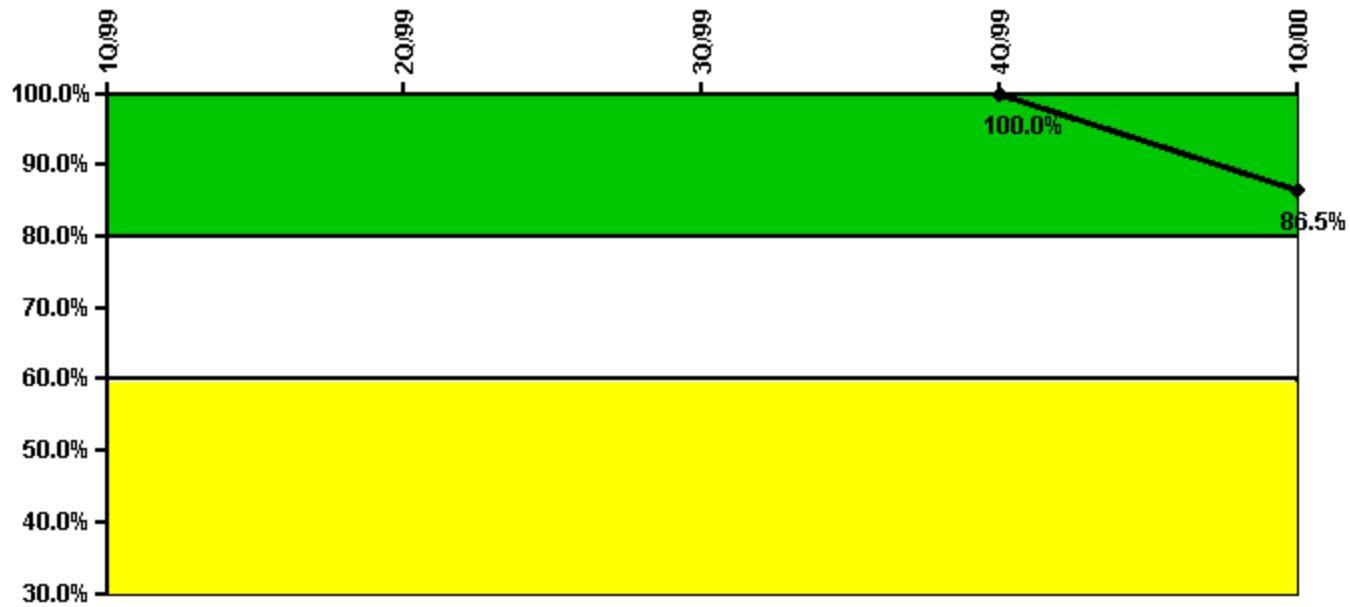
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Successful opportunities	44.0	27.0	17.0	98.0	26.0
Total opportunities	50.0	29.0	18.0	100.0	27.0
Indicator value				92.2%	93.7%

Licensee Comments: none

ERO Drill Participation



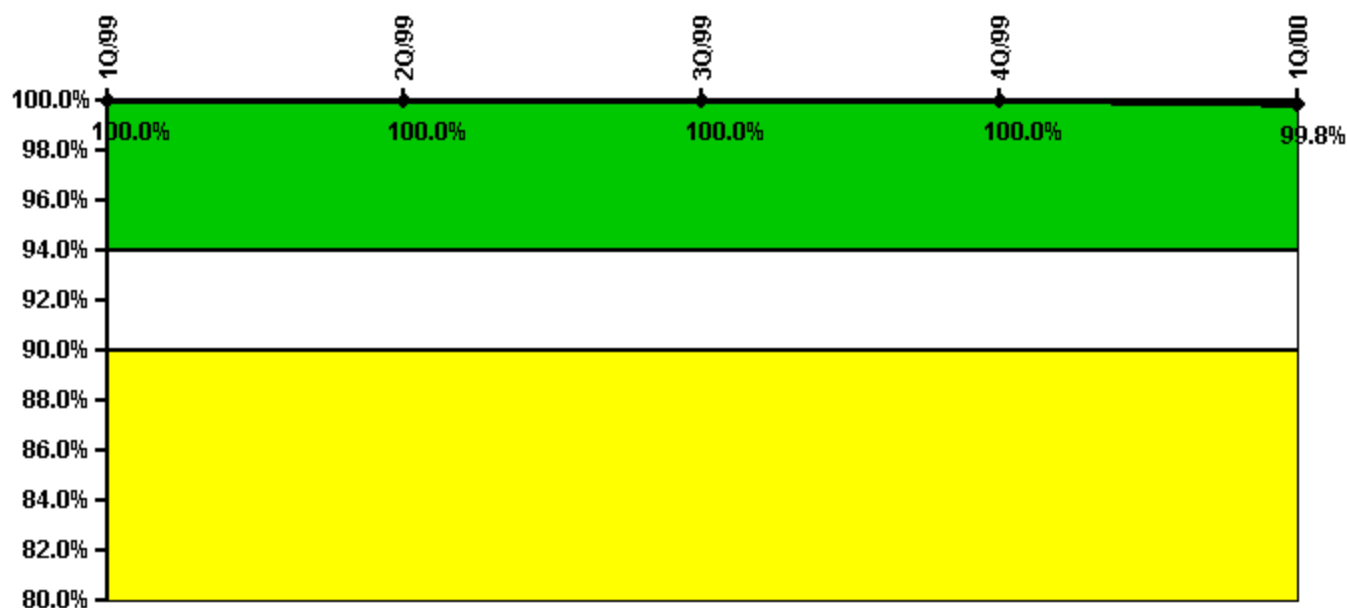
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Participating Key personnel				85.0	77.0
Total Key personnel				85.0	89.0
Indicator value				100.0%	86.5%

Licensee Comments: none

Alert & Notification System



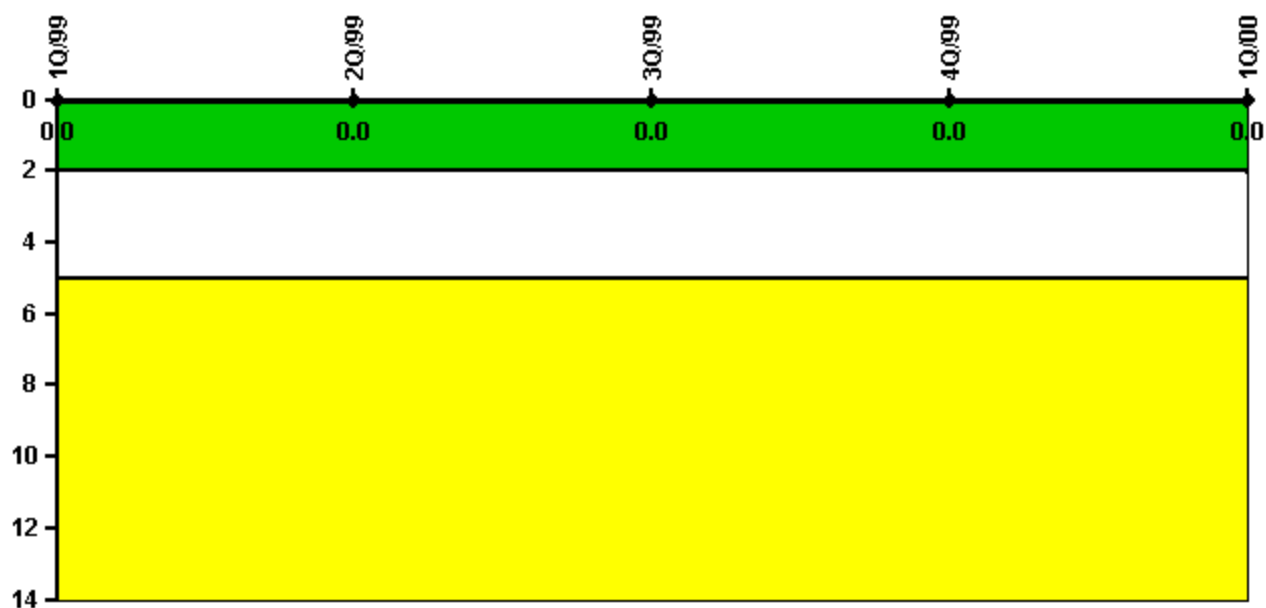
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Successful siren-tests	522	609	521	696	606
Total sirens-tests	522	609	522	696	609
Indicator value	100.0%	100.0%	100.0%	100.0%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



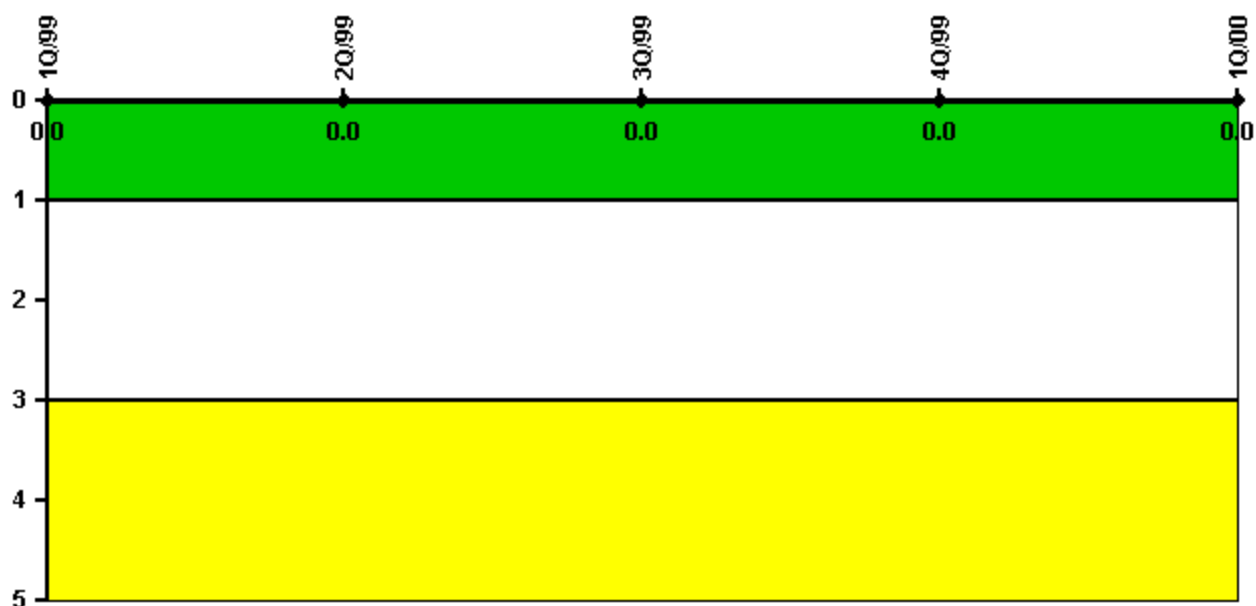
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
High radiation area occurrences	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



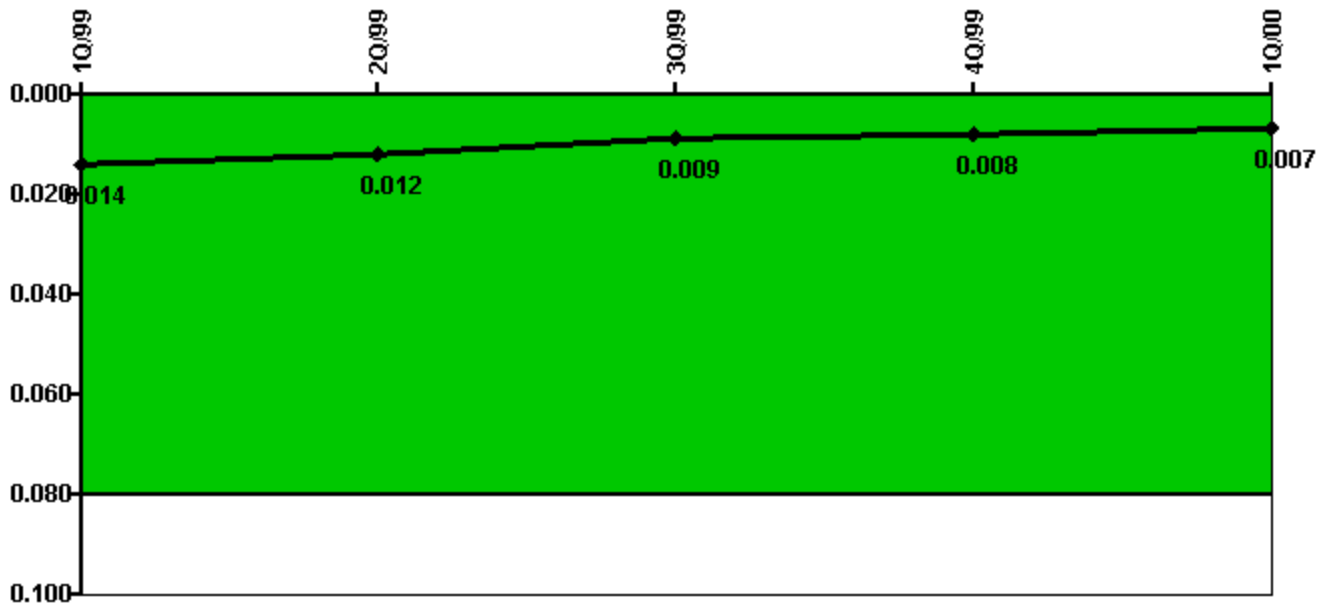
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
RETS/ODCM occurrences	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index



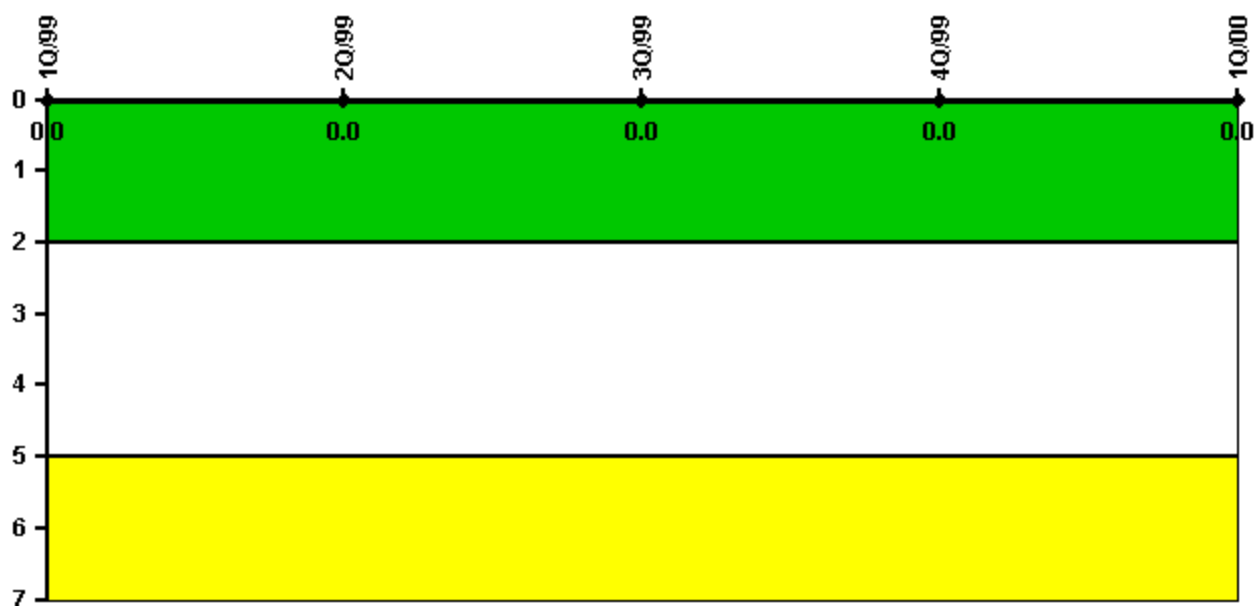
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
IDS compensatory hours	31.00	13.60	74.00	112.10	0
CCTV compensatory hours	0	18.6	0	0	0
IDS normalization factor	1.80	1.80	1.80	1.80	1.80
CCTV normalization factor	1.5	1.5	1.5	1.5	1.5
Index Value	0.014	0.012	0.009	0.008	0.007

Licensee Comments: none

Personnel Screening Program



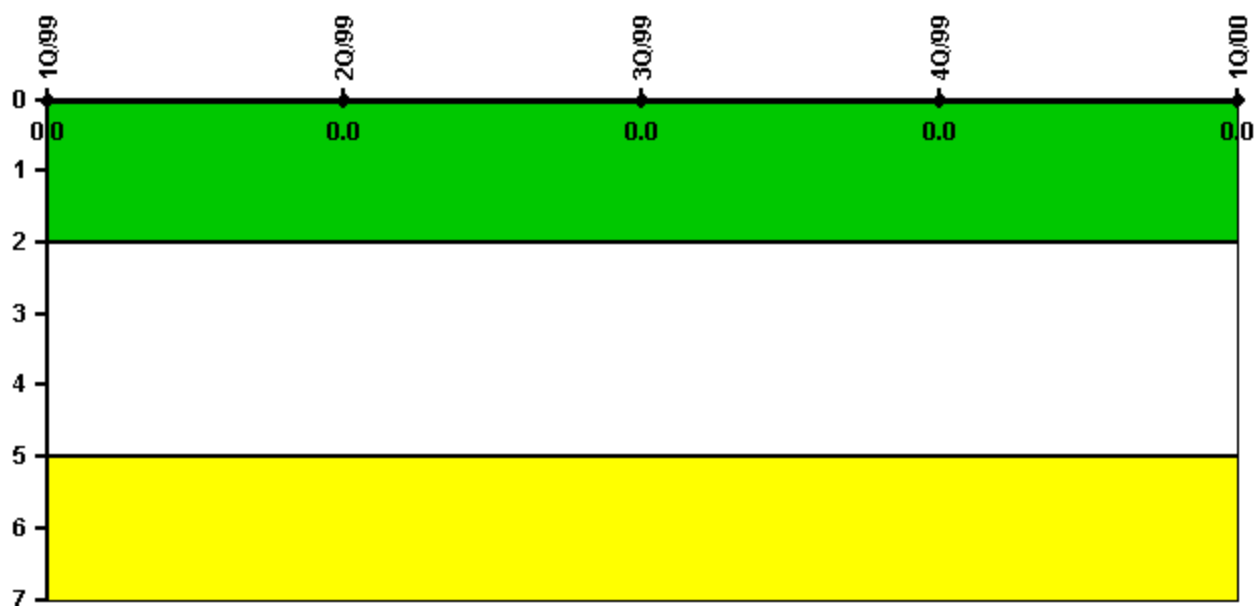
Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Program failures	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Program Failures	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none



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

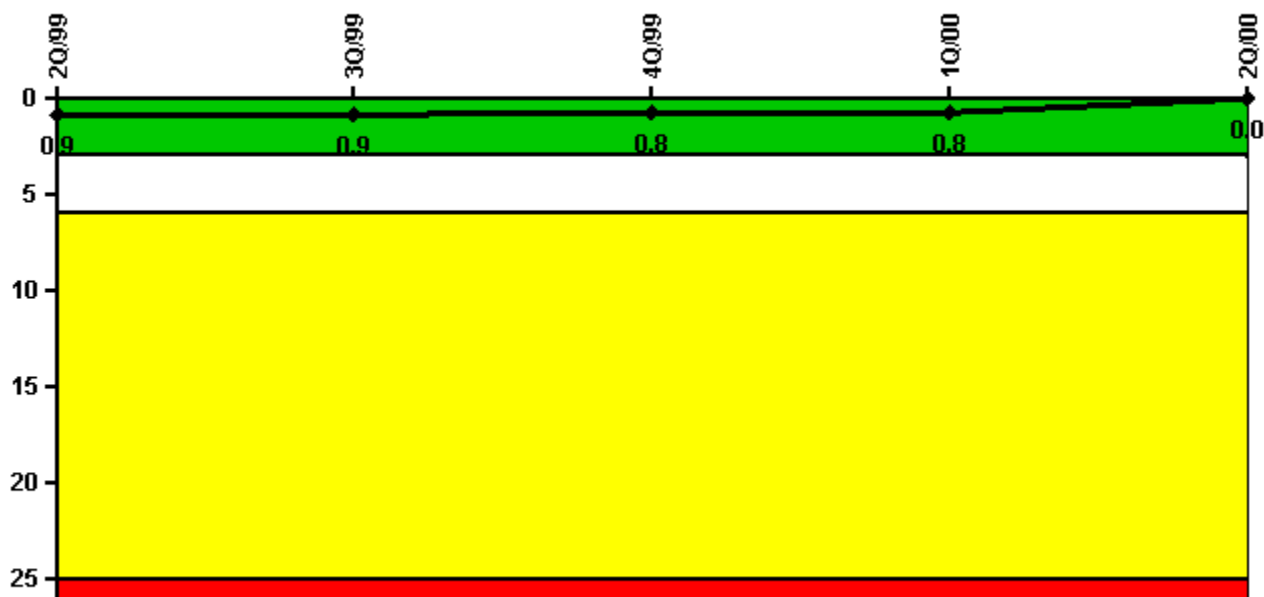
Last Modified: April 1, 2002

Saint Lucie 2

2Q/2000 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



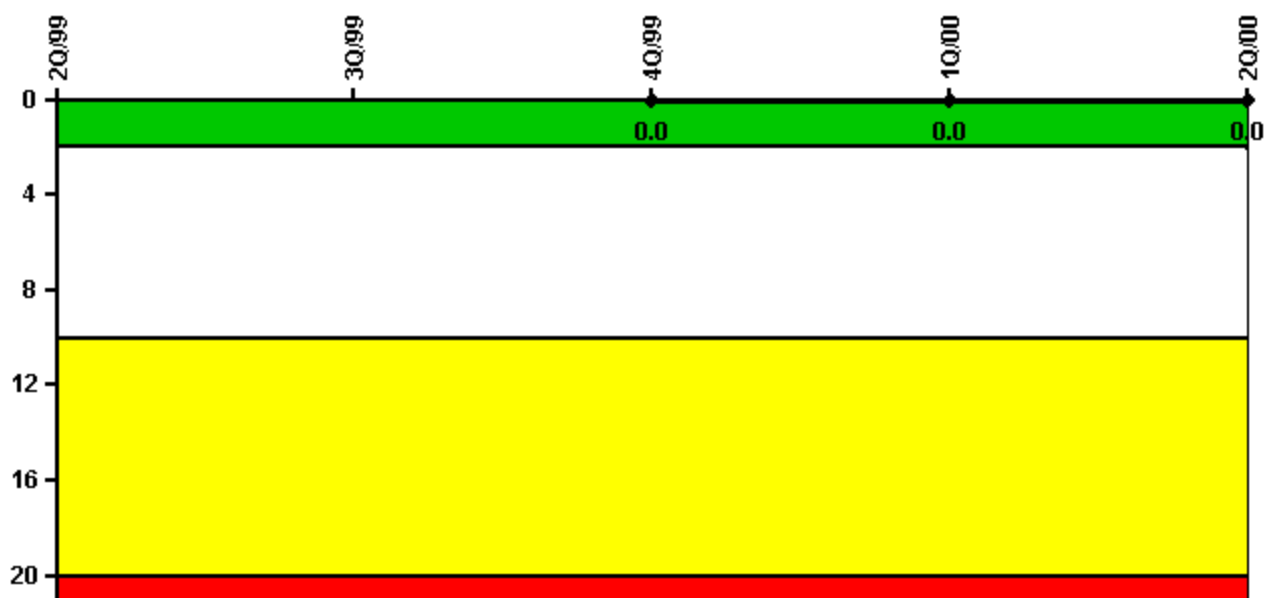
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Unplanned scrams	1.0	0	0	0	0
Critical hours	2015.6	2208.0	2209.0	2184.0	1473.6
Indicator value	0.9	0.9	0.8	0.8	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



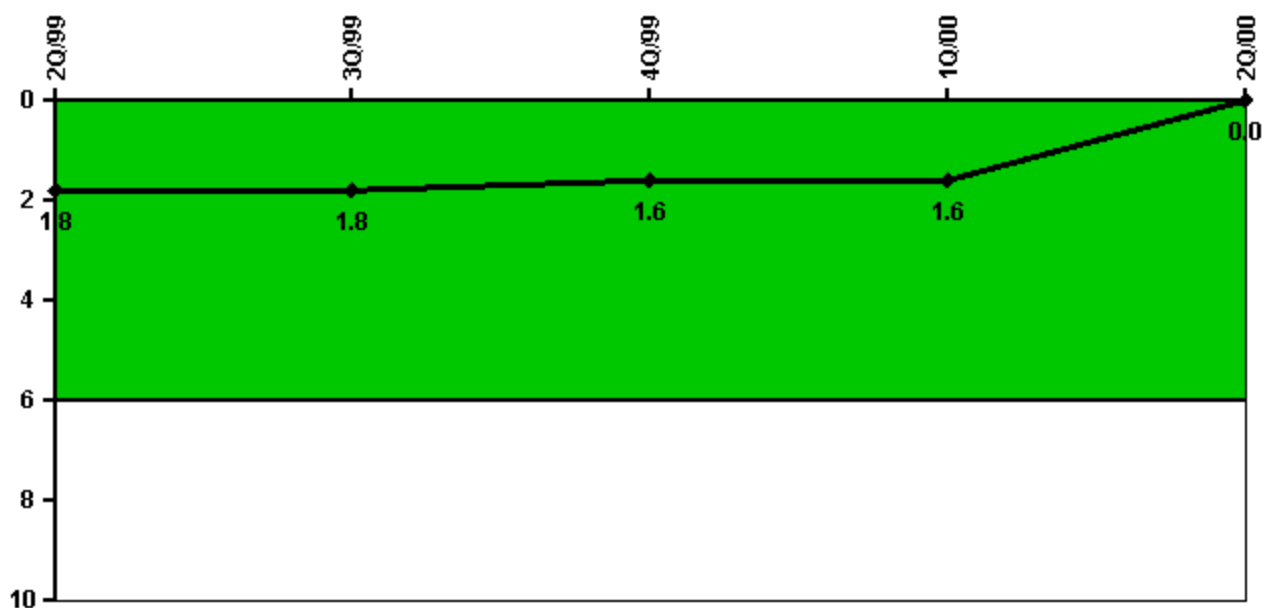
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Scrams	0	0	0	0	0
Indicator value			0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



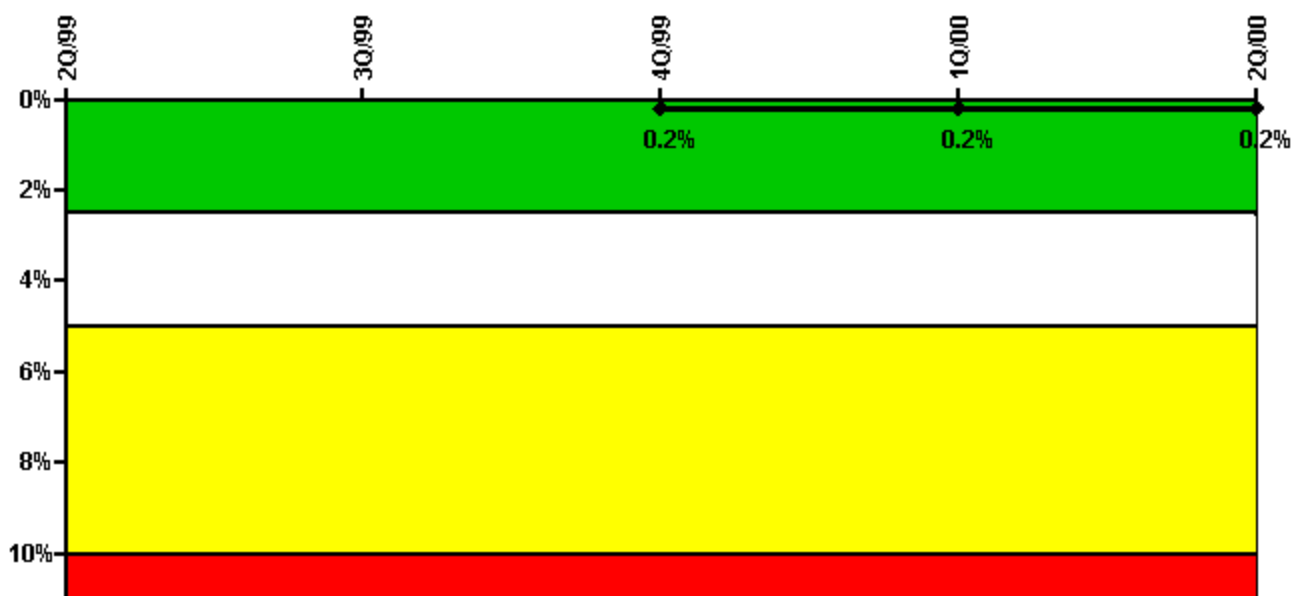
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Unplanned power changes	2.0	0	0	0	0
Critical hours	2015.6	2208.0	2209.0	2184.0	1473.6
Indicator value	1.8	1.8	1.6	1.6	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	0	0	0	6.70	2.70
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	1882.90
Train 2					
Planned unavailable hours	0	0	0	4.40	3.90
Unplanned unavailable hours	0	0	0	0.40	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	1882.90
Indicator value			0.2%	0.2%	0.2%

Licensee Comments:

2Q/00: 1Q2000 and 2Q2000 data changed to address minor discrepancy where unavailable hours had not been recorded for surveillance testing with EDG parallel to the grid.

1Q/00: 1Q2000 and 2Q2000 data changed to address minor discrepancy where unavailable hours had not been recorded for surveillance testing with EDG parallel to the grid.

Safety System Unavailability, High Pressure Injection System (HPSI)



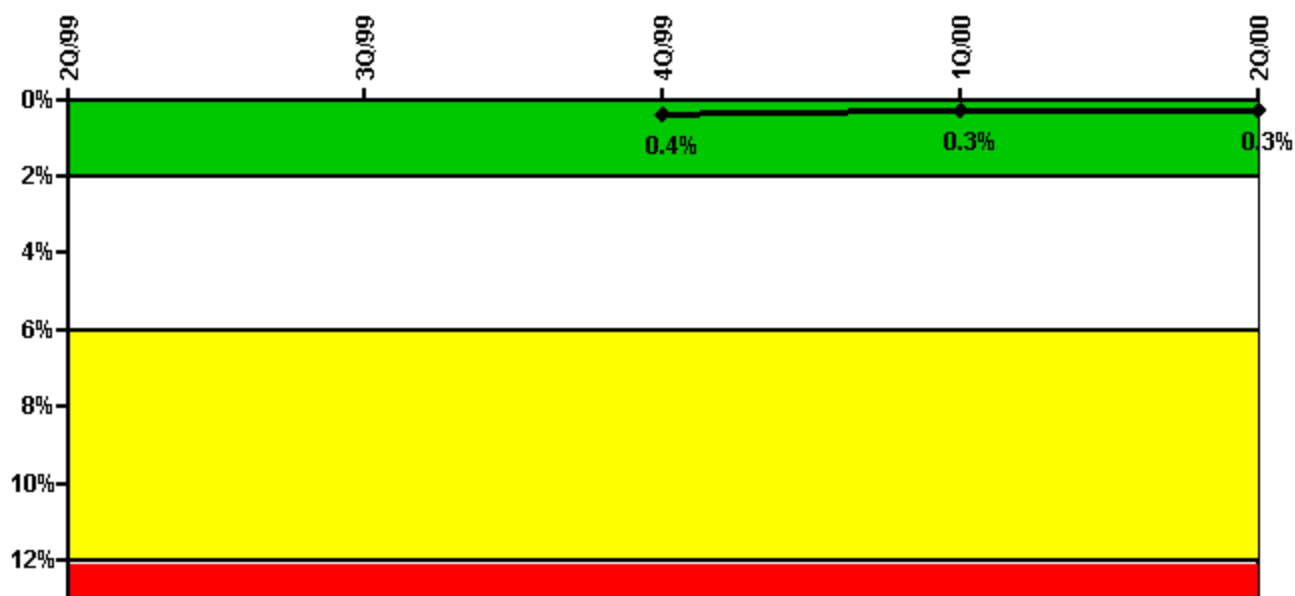
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	62.90	1.00	1.90	41.90	1.80
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2184.00	2209.00	2184.00	1507.20
Train 2					
Planned unavailable hours	56.10	1.90	3.10	2.40	1.00
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2184.00	2209.00	2184.00	1507.20
Indicator value			0.8%	0.8%	0.7%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	8.50	2.80	13.60	2.33	0
Unplanned unavailable hours	0	0	33.00	0	2.30
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	1474.50
Train 2					
Planned unavailable hours	1.00	5.70	1.50	8.70	0
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	1474.50
Train 3					
Planned unavailable hours	9.00	2.60	13.00	2.15	0
Unplanned unavailable hours	3.25	0	20.00	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	1474.50
Indicator value			0.4%	0.3%	0.3%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	115.00	2.40	3.70	48.10	1.80
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	1507.20
Train 2					
Planned unavailable hours	64.50	69.00	6.70	1.90	2.50
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	1507.20
Train 3					
Planned unavailable hours	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	0	0	0	0	507.30
Train 4					
Planned unavailable hours	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	0	0	0	0	507.30
Indicator value			0.7%	0.5%	0.5%

Licensee Comments:

2Q/00: In accordance with a May 5, 2000 NRC approved FAQ concerning Combustion Engineering plants unique design for RHR systems, St. Lucie has changed the reporting format to include 4 trains. Historical data was modified per Option 1 of the approved FAQ.

2Q/00: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

1Q/00: Support systems and data applicable to this indicator may change in future reports as a result of discussions with NRC concerning the unique configuration of Combustion Engineering plants.

4Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

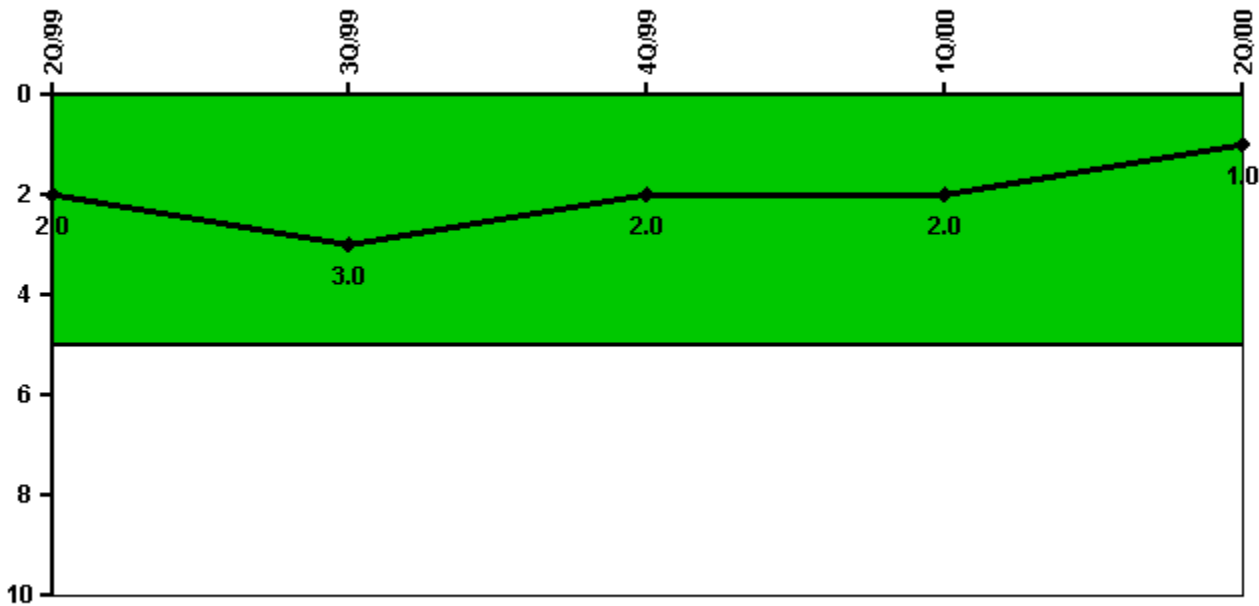
4Q/99: Support systems and data applicable to this indicator may change in future reports as a result of discussions with NRC concerning unique configuration of CE plants.

3Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

2Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

1Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

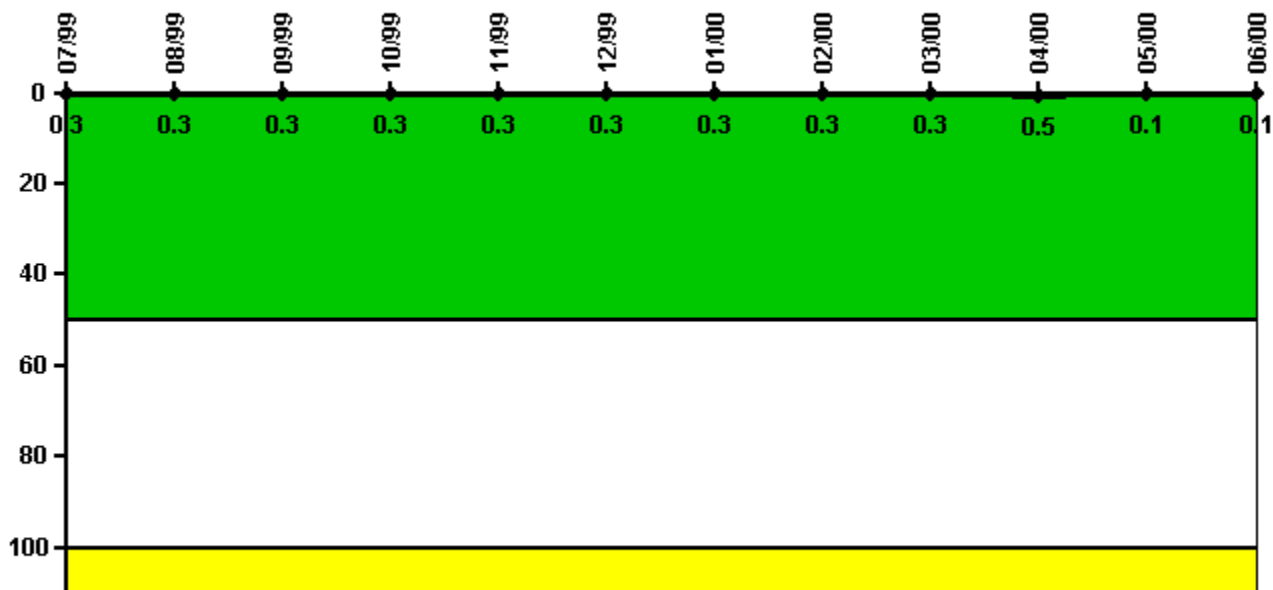
Notes

Safety System Functional Failures (PWR)	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Safety System Functional Failures	1	1	0	0	0

Indicator value	2	3	2	2	1

Licensee Comments: none

Reactor Coolant System Activity



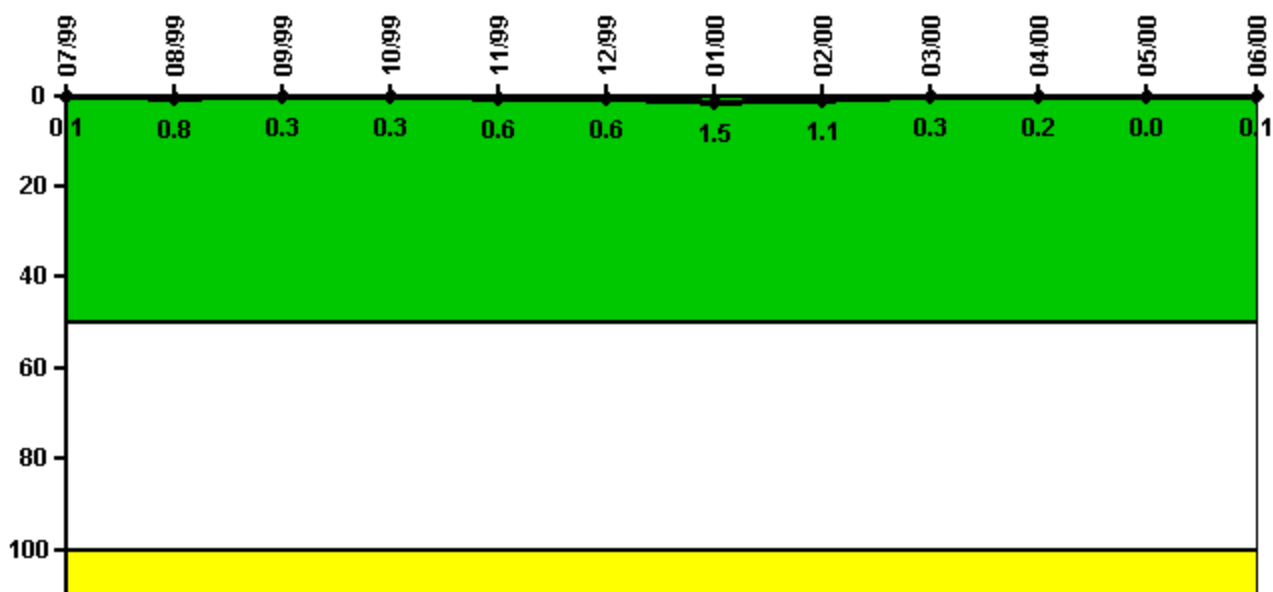
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/99	8/99	9/99	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00
Maximum activity	0.002600	0.002800	0.003100	0.003000	0.002700	0.003000	0.002860	0.002830	0.002940	0.005270	0.000872	0.001050
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



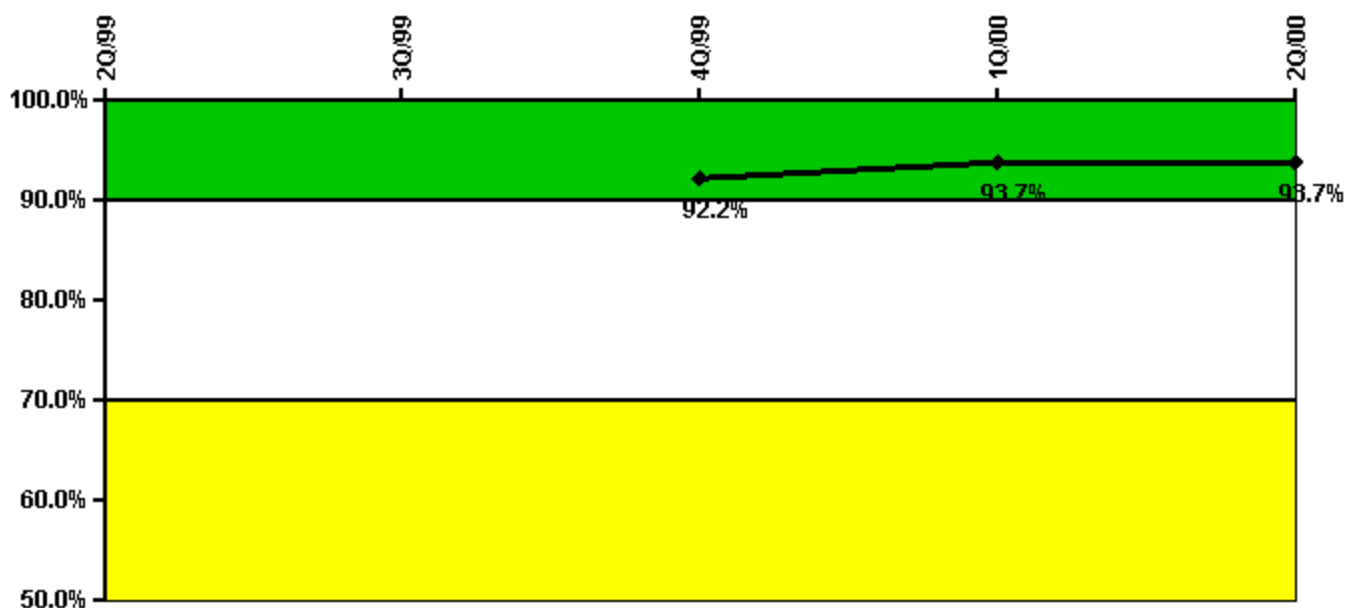
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/99	8/99	9/99	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00
Maximum leakage	0.010	0.080	0.030	0.030	0.060	0.060	0.150	0.110	0.030	0.020	0	0.010
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.8	0.3	0.3	0.6	0.6	1.5	1.1	0.3	0.2	0	0.1

Licensee Comments: none

Drill/Exercise Performance



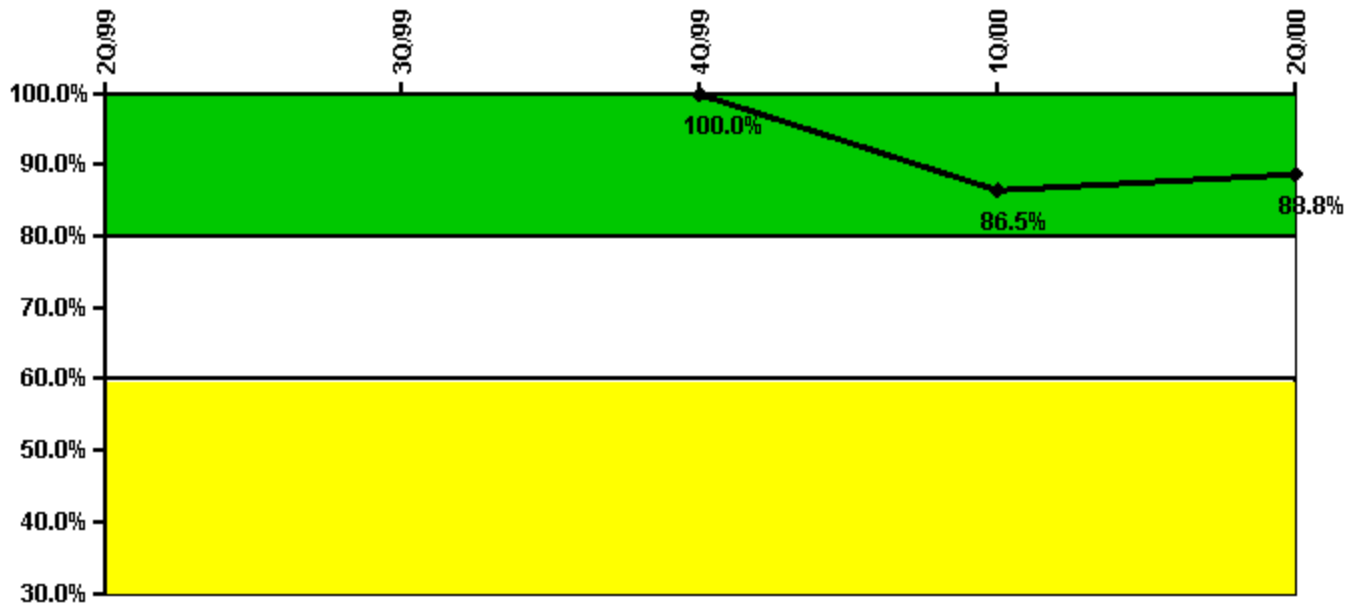
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Successful opportunities	27.0	17.0	98.0	26.0	8.0
Total opportunities	29.0	18.0	100.0	27.0	9.0
Indicator value			92.2%	93.7%	93.7%

Licensee Comments: none

ERO Drill Participation



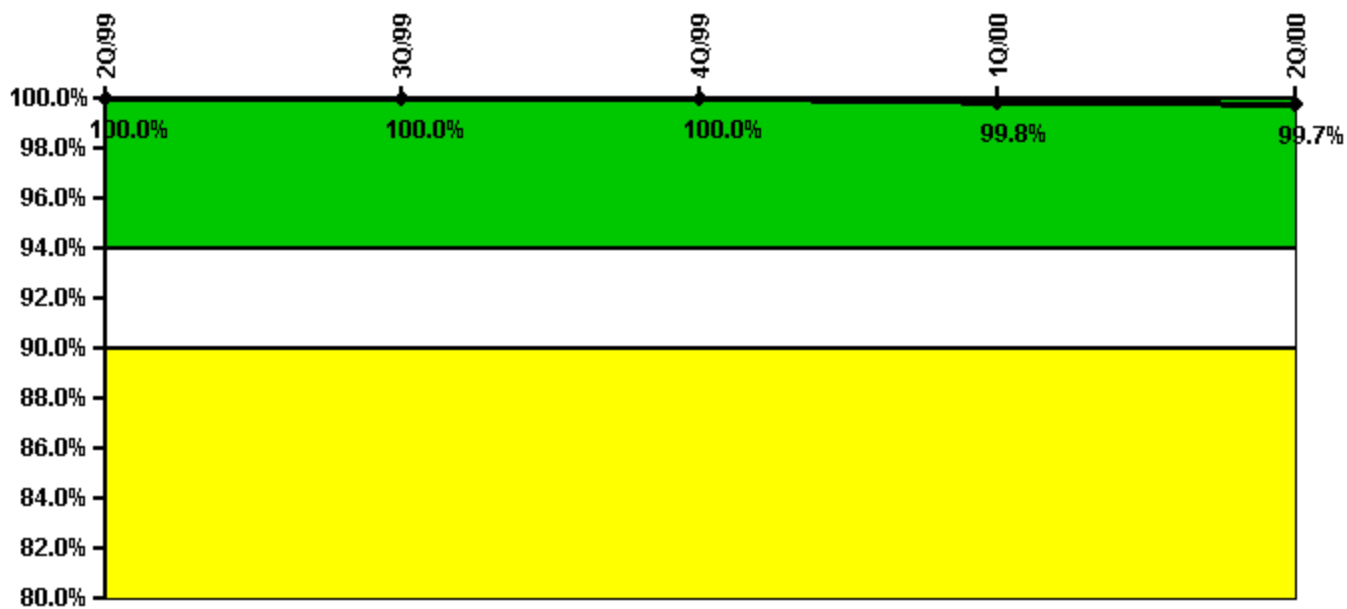
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Participating Key personnel			85.0	77.0	71.0
Total Key personnel			85.0	89.0	80.0
Indicator value			100.0%	86.5%	88.8%

Licensee Comments: none

Alert & Notification System



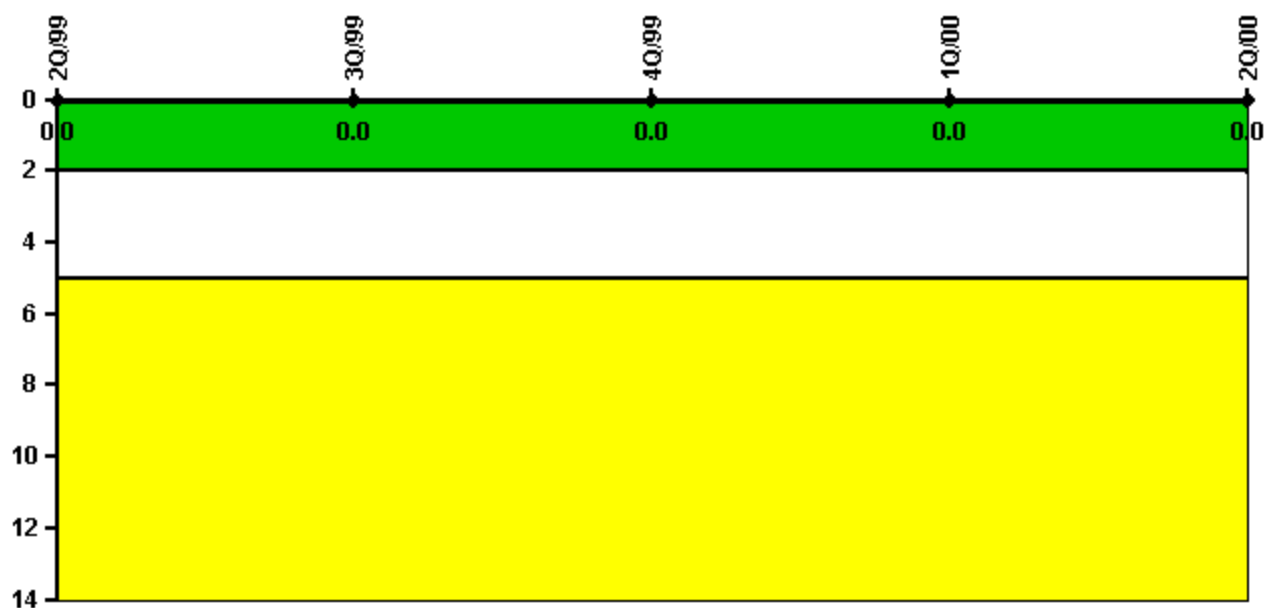
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Successful siren-tests	609	521	696	606	519
Total sirens-tests	609	522	696	609	522
Indicator value	100.0%	100.0%	100.0%	99.8%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness

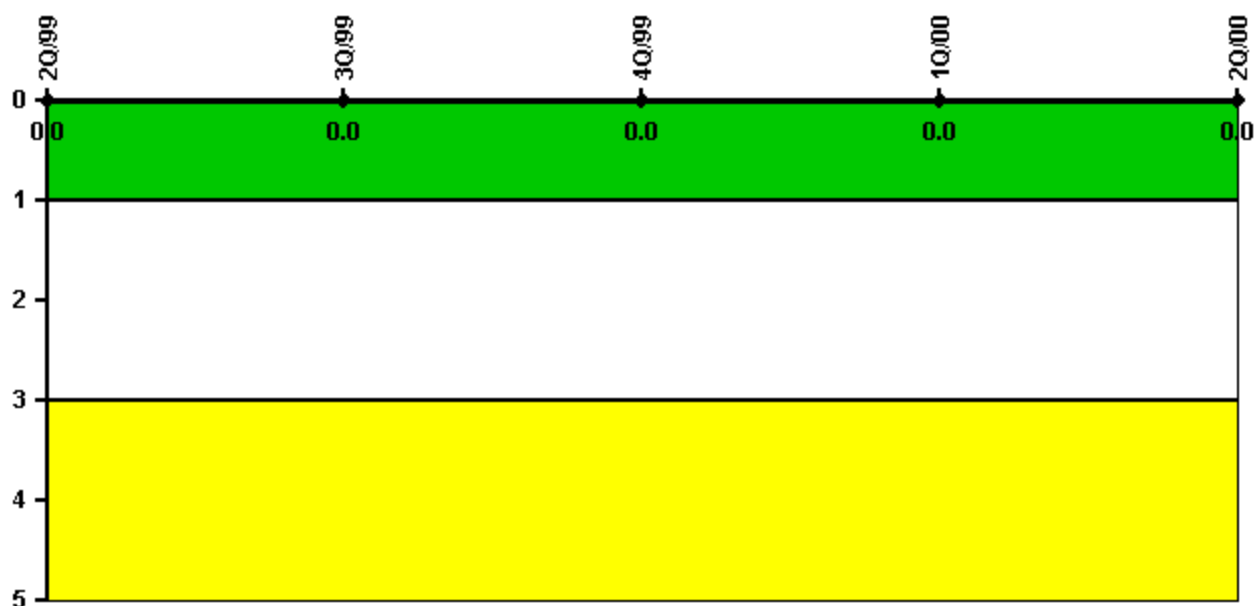


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
High radiation area occurrences	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent

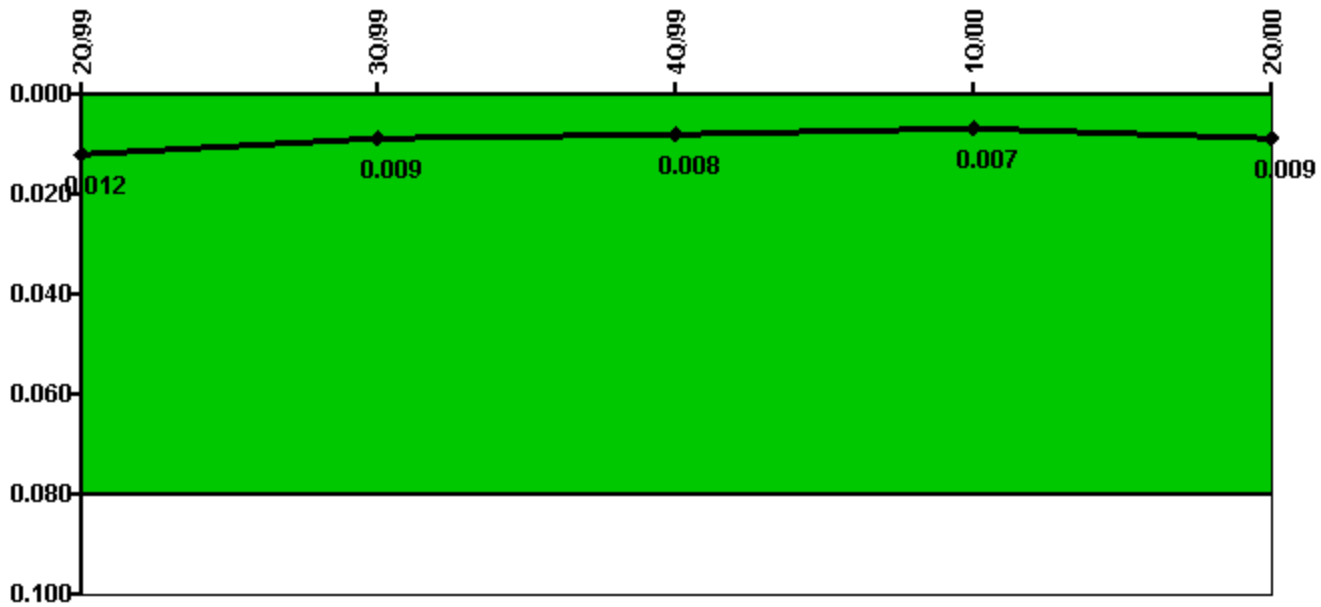
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
RETS/ODCM occurrences	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index



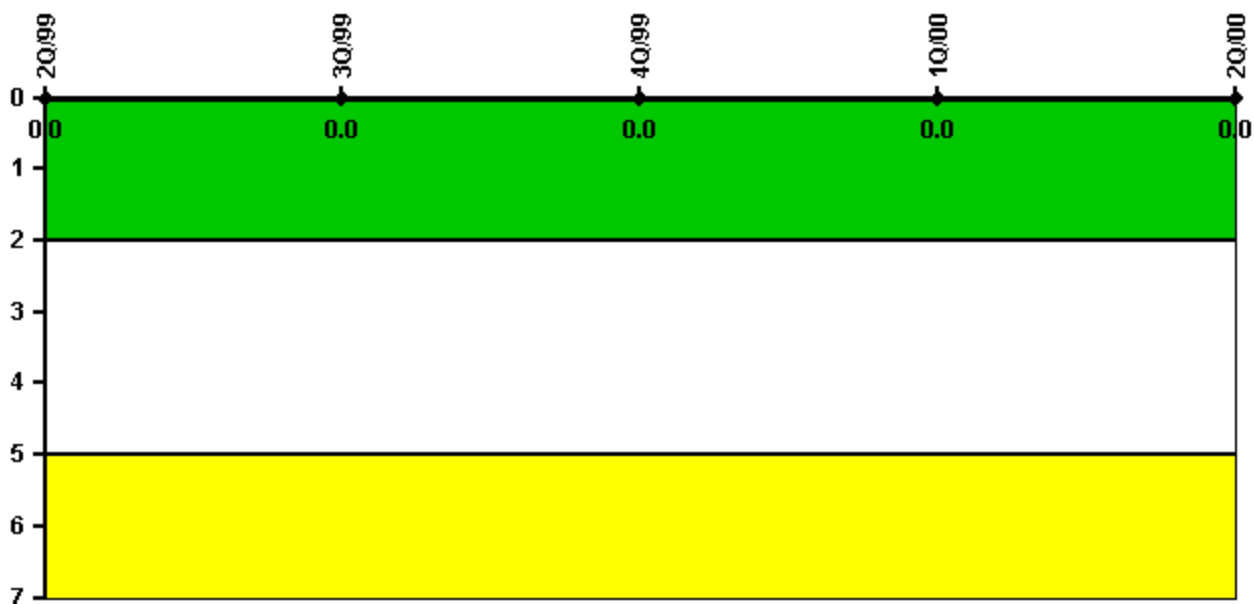
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
IDS compensatory hours	13.60	74.00	112.10	0	99.00
CCTV compensatory hours	18.6	0	0	0	1.5
IDS normalization factor	1.80	1.80	1.80	1.80	1.80
CCTV normalization factor	1.5	1.5	1.5	1.5	1.5
Index Value	0.012	0.009	0.008	0.007	0.009

Licensee Comments: none

Personnel Screening Program



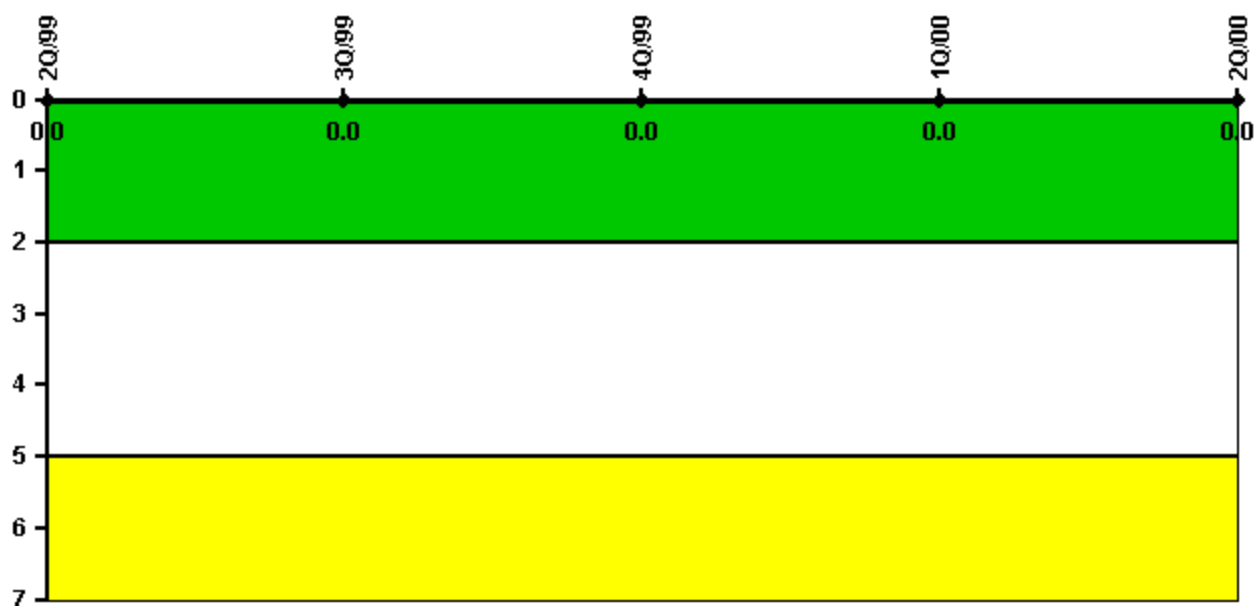
Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Program failures	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Program Failures	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none



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

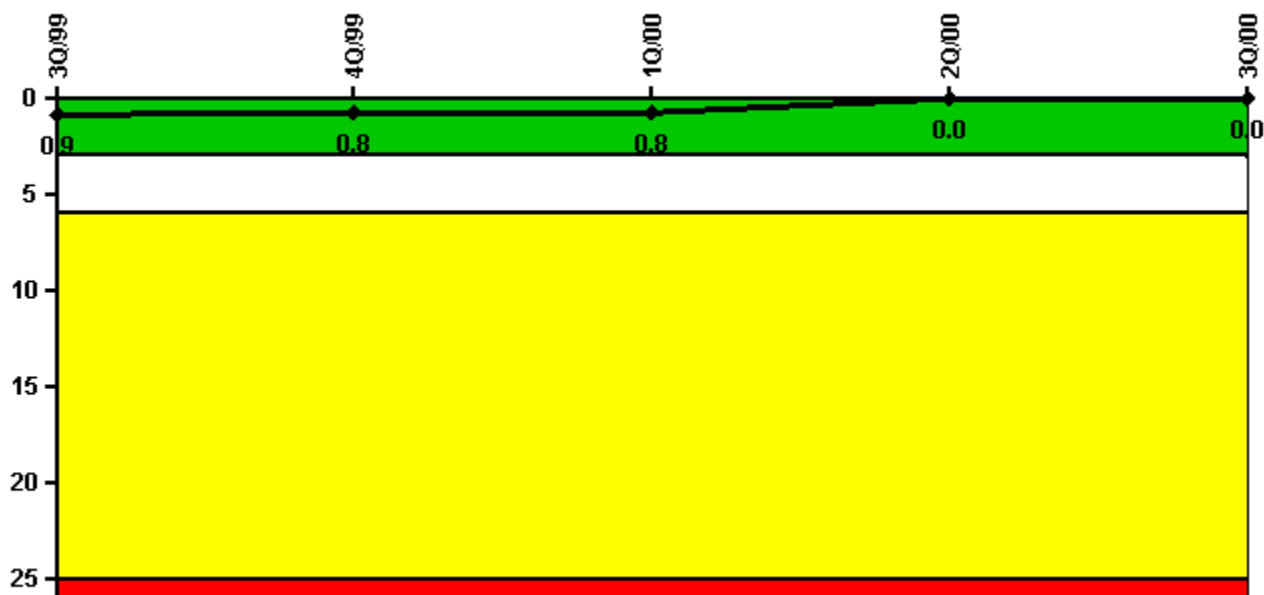
Last Modified: April 1, 2002

Saint Lucie 2

3Q/2000 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



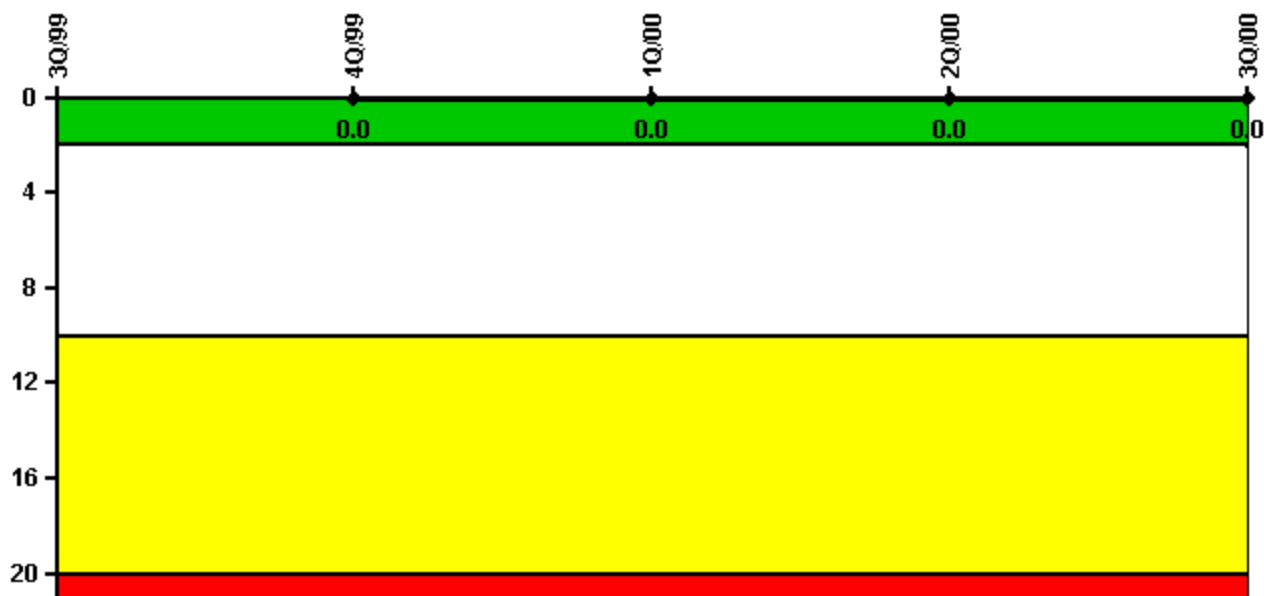
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Unplanned scrams	0	0	0	0	0
Critical hours	2208.0	2209.0	2184.0	1473.6	2208.0
Indicator value	0.9	0.8	0.8	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



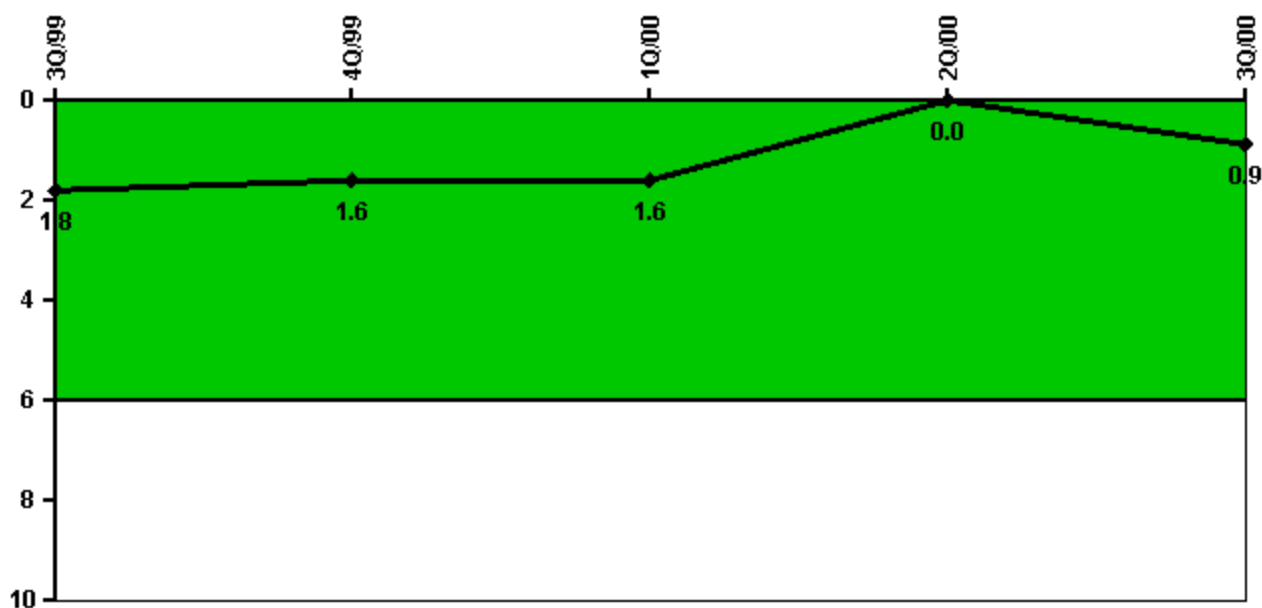
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Scrams	0	0	0	0	0
Indicator value		0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



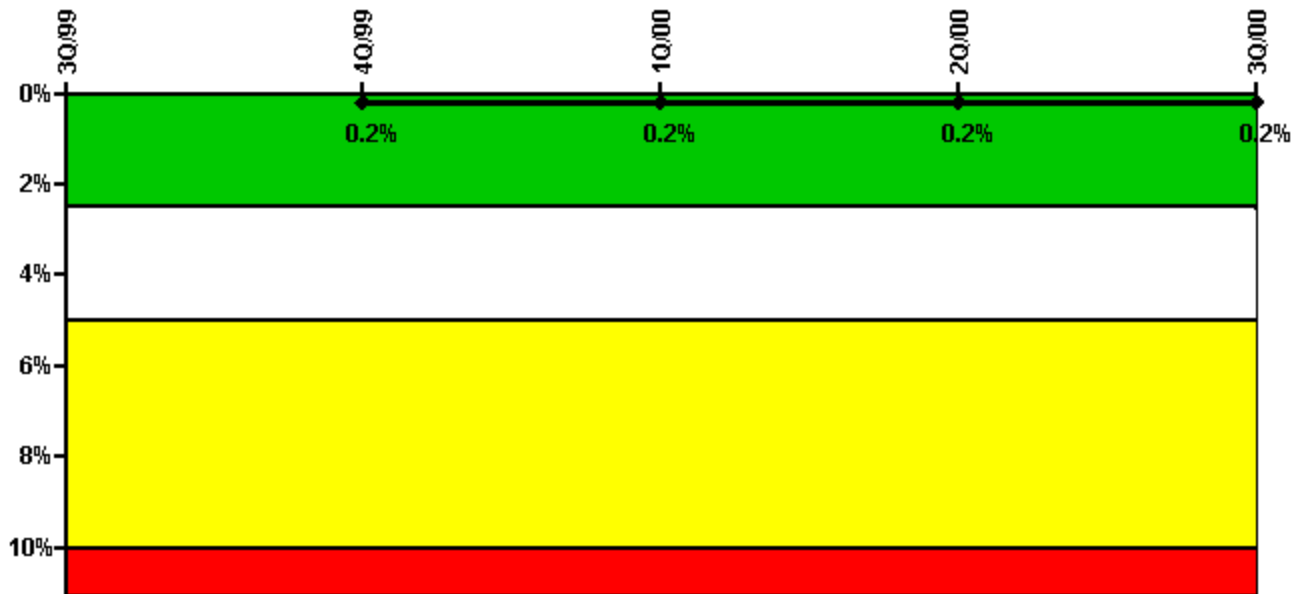
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Unplanned power changes	0	0	0	0	1.0
Critical hours	2208.0	2209.0	2184.0	1473.6	2208.0
Indicator value	1.8	1.6	1.6	0	0.9

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	0	0	6.70	2.70	6.30
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	1882.90	2208.00
Train 2					
Planned unavailable hours	0	0	4.40	3.90	4.20
Unplanned unavailable hours	0	0	0.40	0	30.60
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	1882.90	2208.00
Indicator value		0.2%	0.2%	0.2%	0.2%

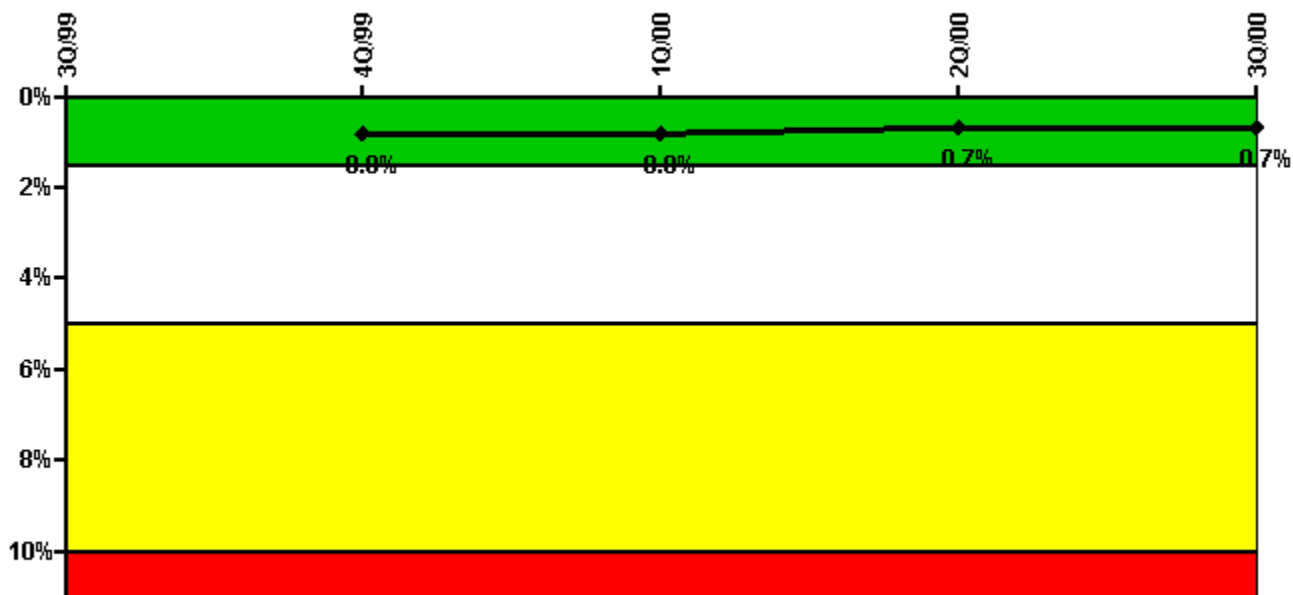
Licensee Comments:

3Q/00: 1Q2000 and 2Q2000 data changed to address minor discrepancy where unavailable hours had not been recorded for surveillance testing with EDG parallel to the grid.

2Q/00: 1Q2000 and 2Q2000 data changed to address minor discrepancy where unavailable hours had not been recorded for surveillance testing with EDG parallel to the grid.

1Q/00: 1Q2000 and 2Q2000 data changed to address minor discrepancy where unavailable hours had not been recorded for surveillance testing with EDG parallel to the grid.

Safety System Unavailability, High Pressure Injection System (HPSI)



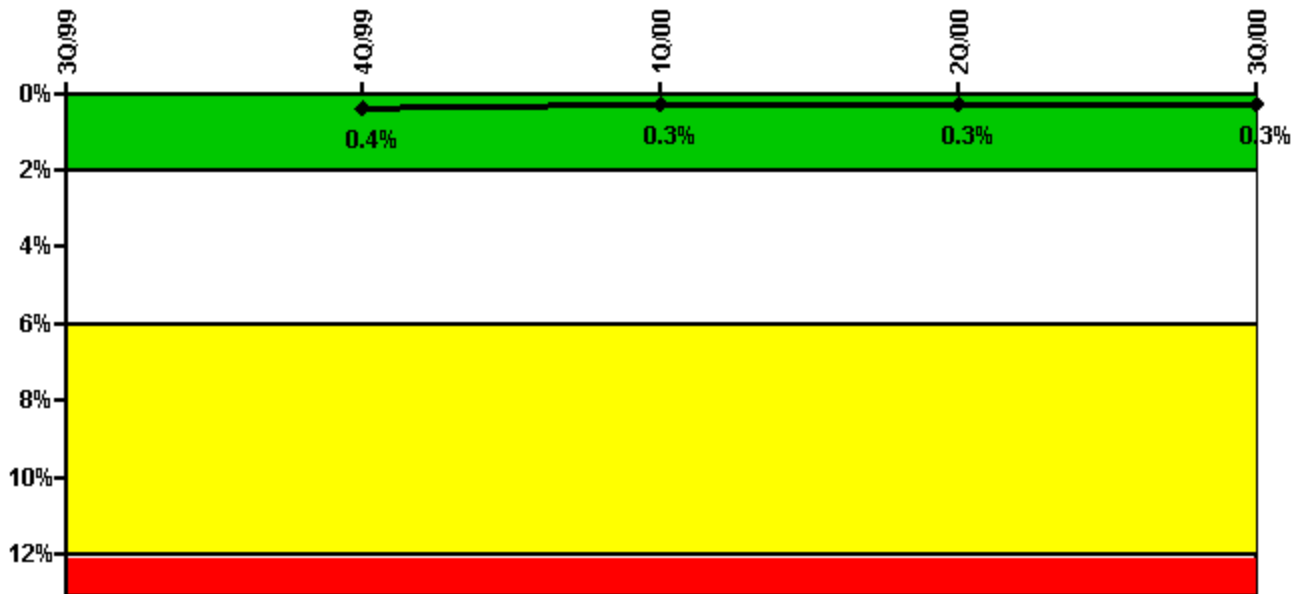
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	1.00	1.90	41.90	1.80	2.20
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2184.00	2209.00	2184.00	1507.20	2208.00
Train 2					
Planned unavailable hours	1.90	3.10	2.40	1.00	3.30
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2184.00	2209.00	2184.00	1507.20	2208.00
Indicator value		0.8%	0.8%	0.7%	0.7%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



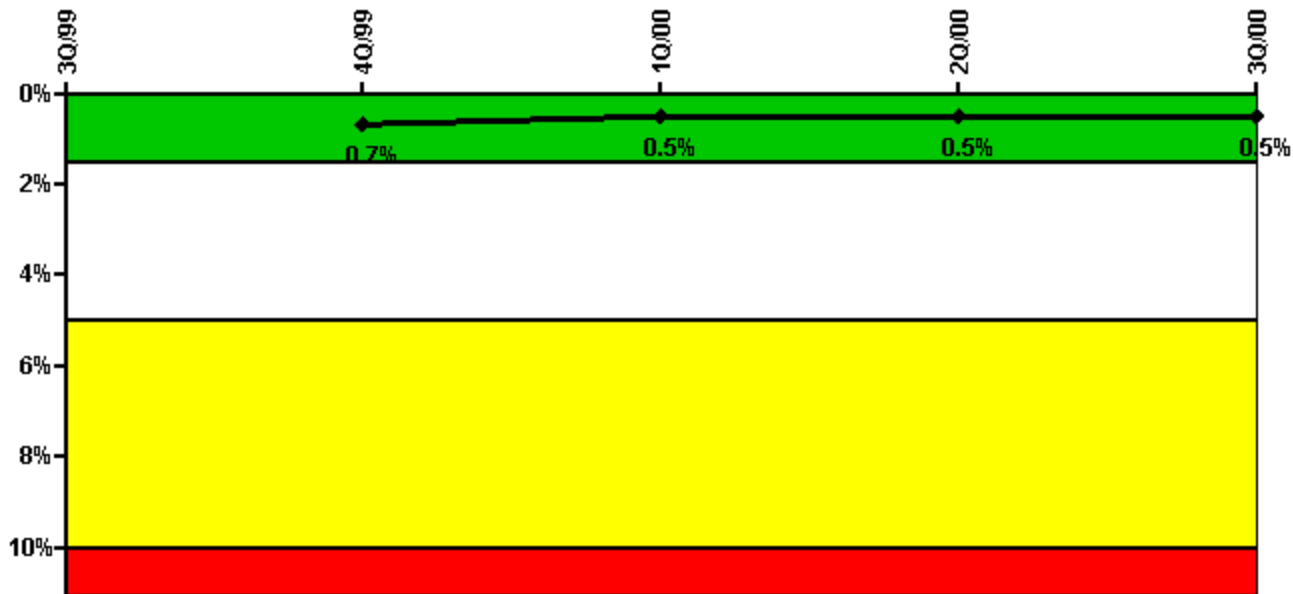
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	2.80	13.60	2.33	0	1.03
Unplanned unavailable hours	0	33.00	0	2.30	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	1474.50	2208.00
Train 2					
Planned unavailable hours	5.70	1.50	8.70	0	0
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	1474.50	2208.00
Train 3					
Planned unavailable hours	2.60	13.00	2.15	0	2.50
Unplanned unavailable hours	0	20.00	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	1474.50	2208.00
Indicator value		0.4%	0.3%	0.3%	0.3%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	2.40	3.70	48.10	1.80	57.80
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	1507.20	2208.00
Train 2					
Planned unavailable hours	69.00	6.70	1.90	2.50	2.60
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	1507.20	2208.00
Train 3					
Planned unavailable hours	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	0	0	0	507.30	0
Train 4					
Planned unavailable hours	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	0	0	0	507.30	0
Indicator value		0.7%	0.5%	0.5%	0.5%

Licensee Comments:

2Q/00: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

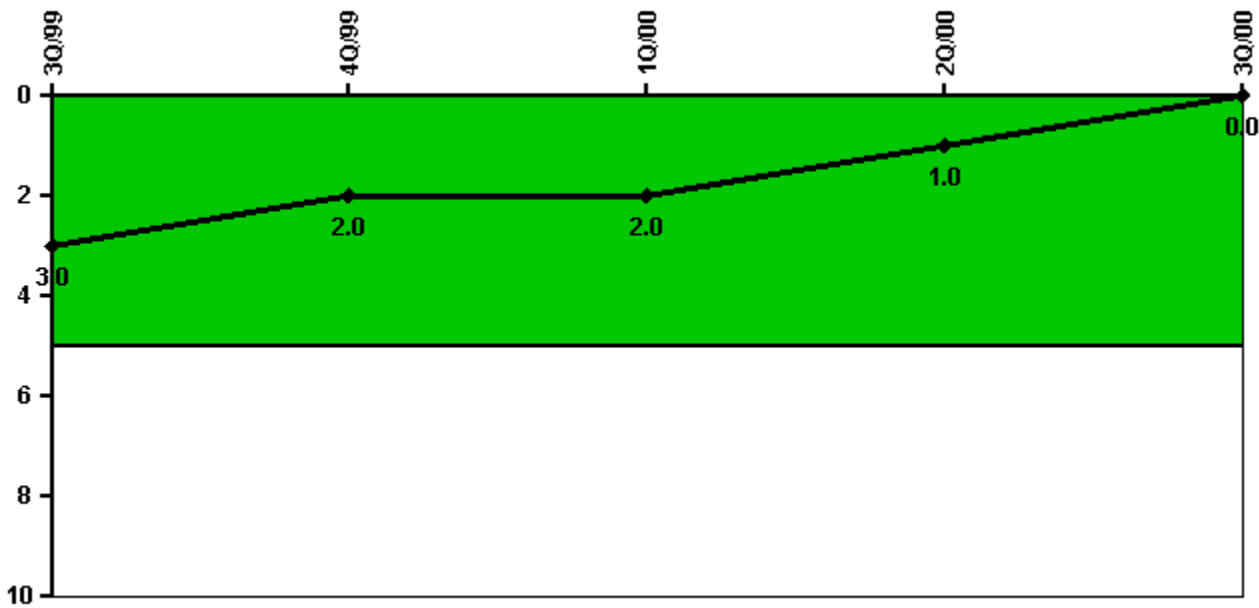
4Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

3Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

2Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

1Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

Safety System Functional Failures (PWR)



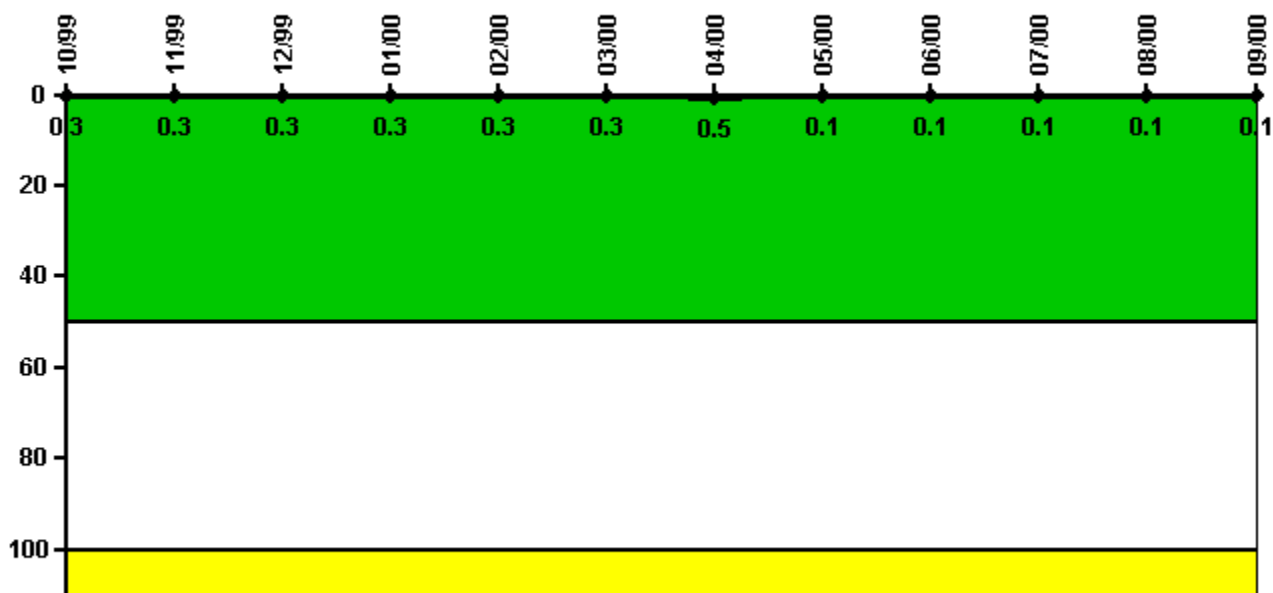
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Safety System Functional Failures	1	0	0	0	0
Indicator value	3	2	2	1	0

Licensee Comments: none

Reactor Coolant System Activity



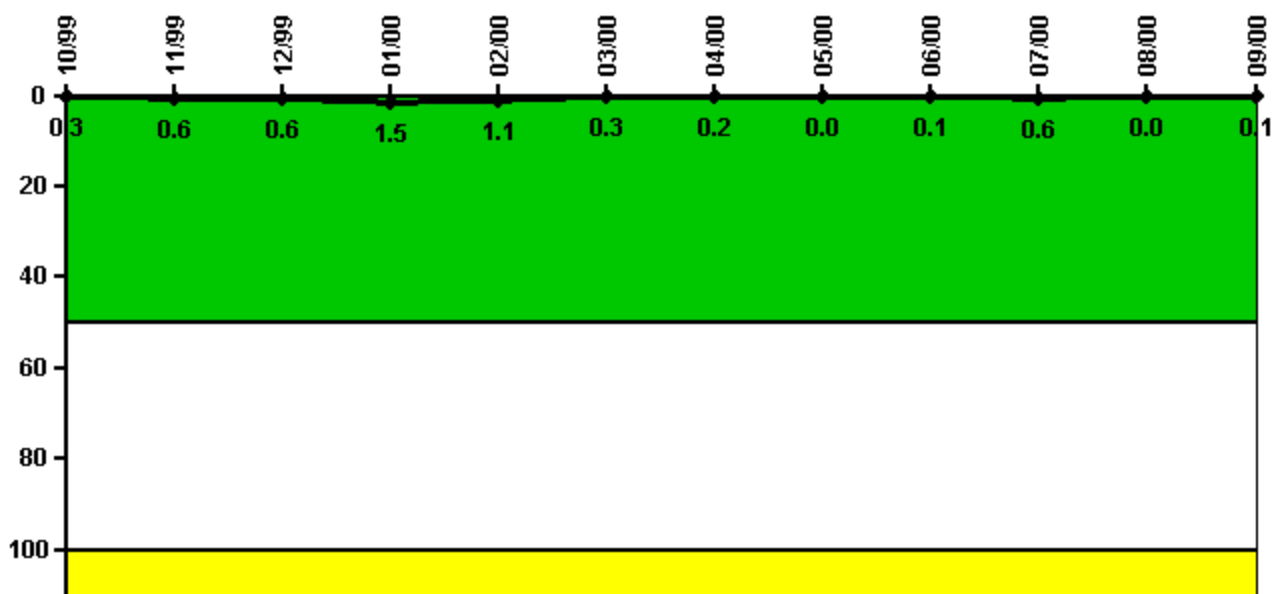
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum activity	0.003000	0.002700	0.003000	0.002860	0.002830	0.002940	0.005270	0.000872	0.001050	0.000927	0.001010	0.001020
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



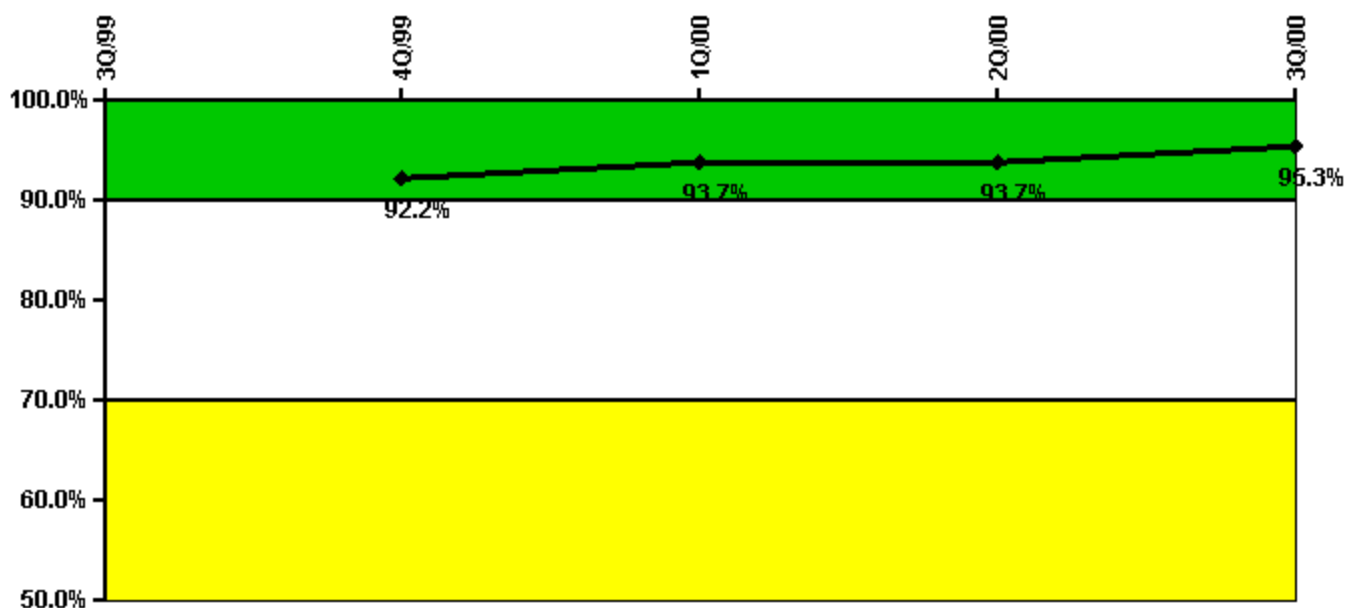
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum leakage	0.030	0.060	0.060	0.150	0.110	0.030	0.020	0	0.010	0.060	0	0.010
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.6	0.6	1.5	1.1	0.3	0.2	0	0.1	0.6	0	0.1

Licensee Comments: none

Drill/Exercise Performance



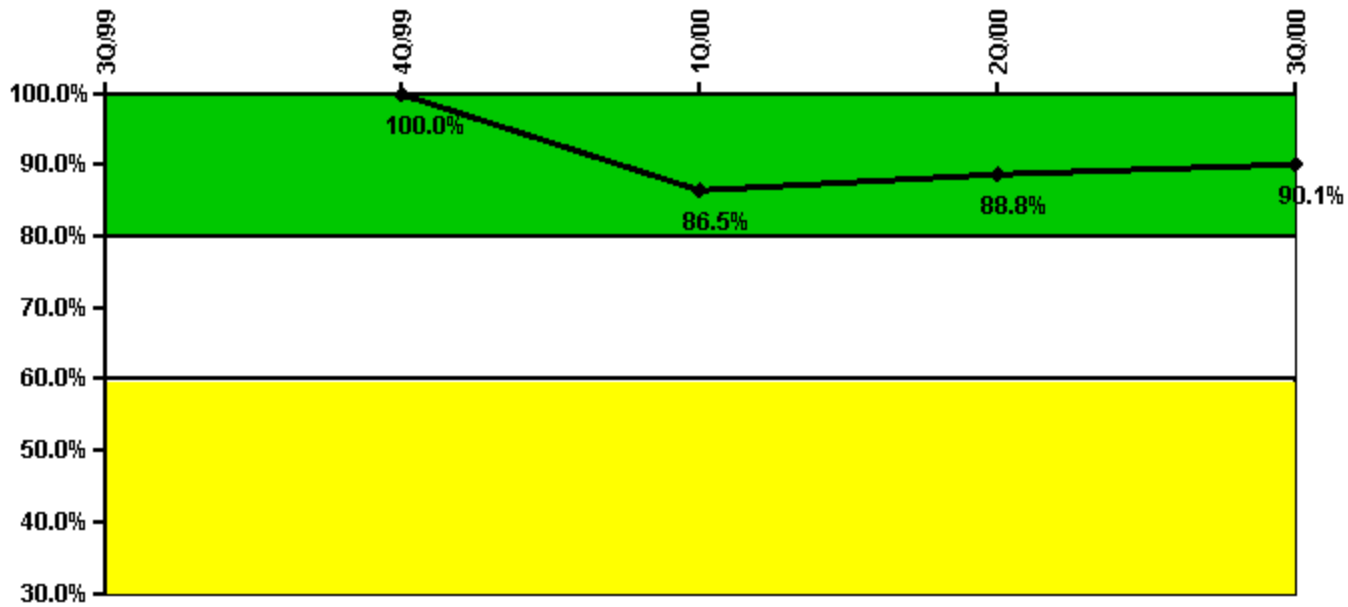
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Successful opportunities	17.0	98.0	26.0	8.0	65.0
Total opportunities	18.0	100.0	27.0	9.0	65.0
Indicator value		92.2%	93.7%	93.7%	95.3%

Licensee Comments: none

ERO Drill Participation



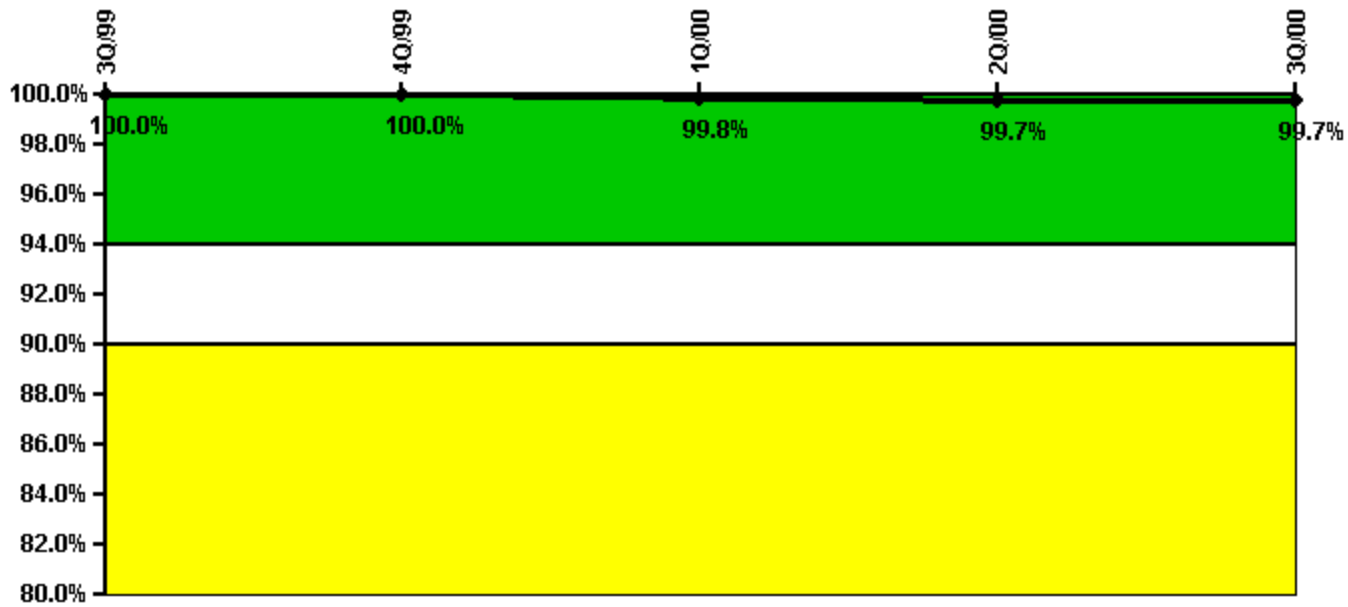
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Participating Key personnel		85.0	77.0	71.0	73.0
Total Key personnel		85.0	89.0	80.0	81.0
Indicator value		100.0%	86.5%	88.8%	90.1%

Licensee Comments: none

Alert & Notification System



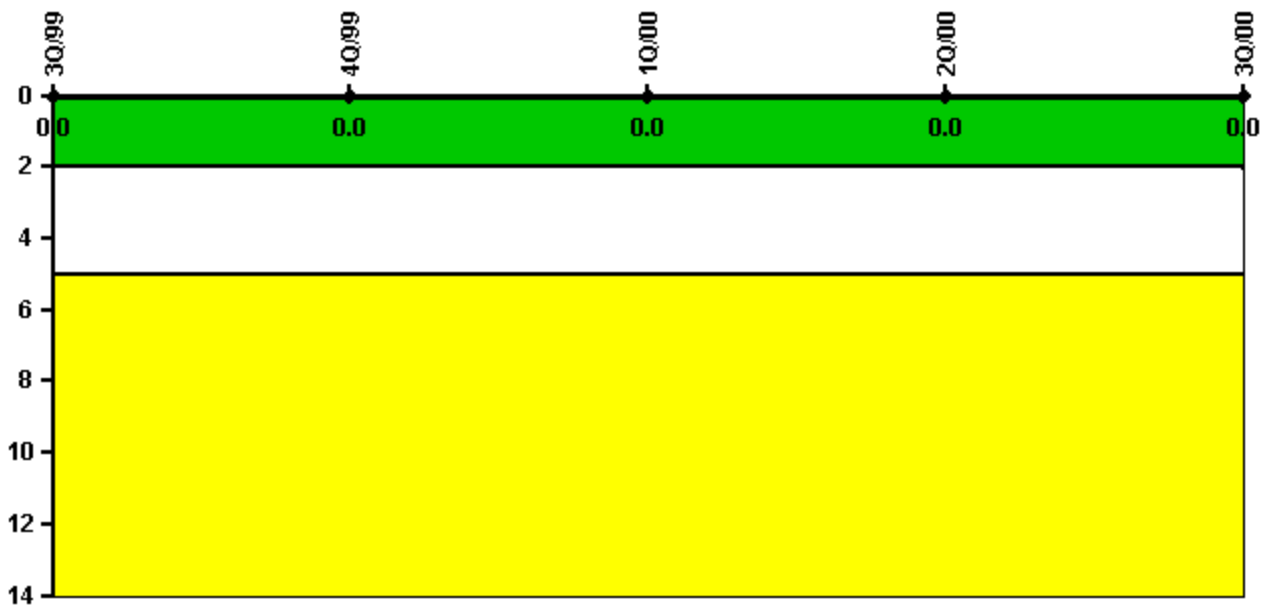
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Successful siren-tests	521	696	606	519	694
Total sirens-tests	522	696	609	522	696
Indicator value	100.0%	100.0%	99.8%	99.7%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



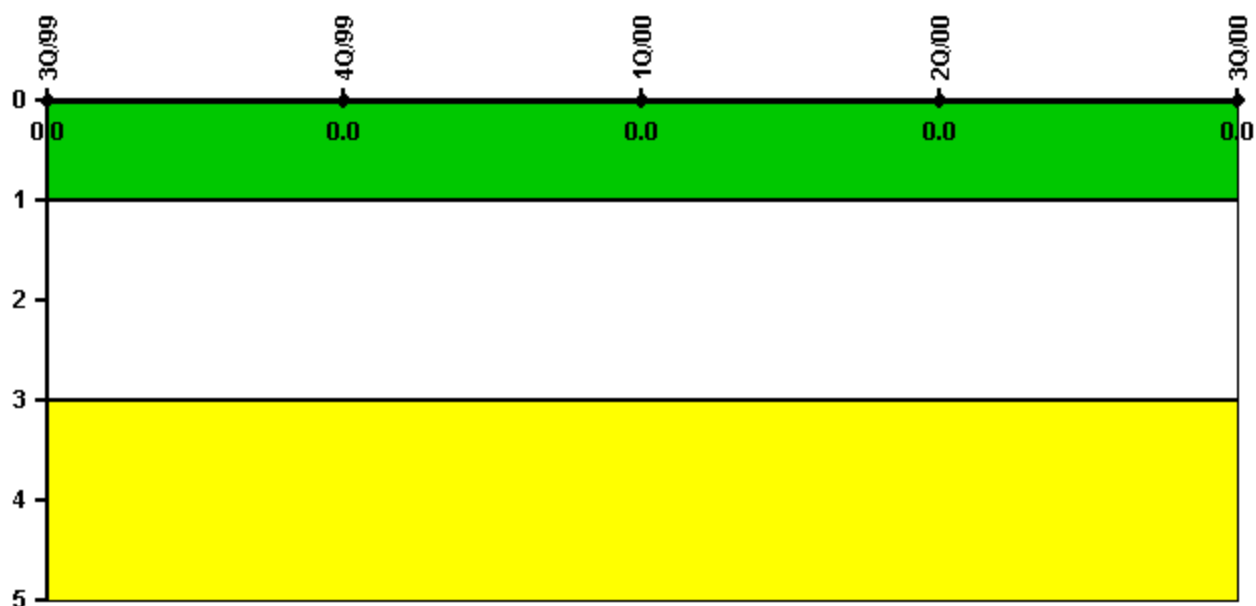
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
High radiation area occurrences	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



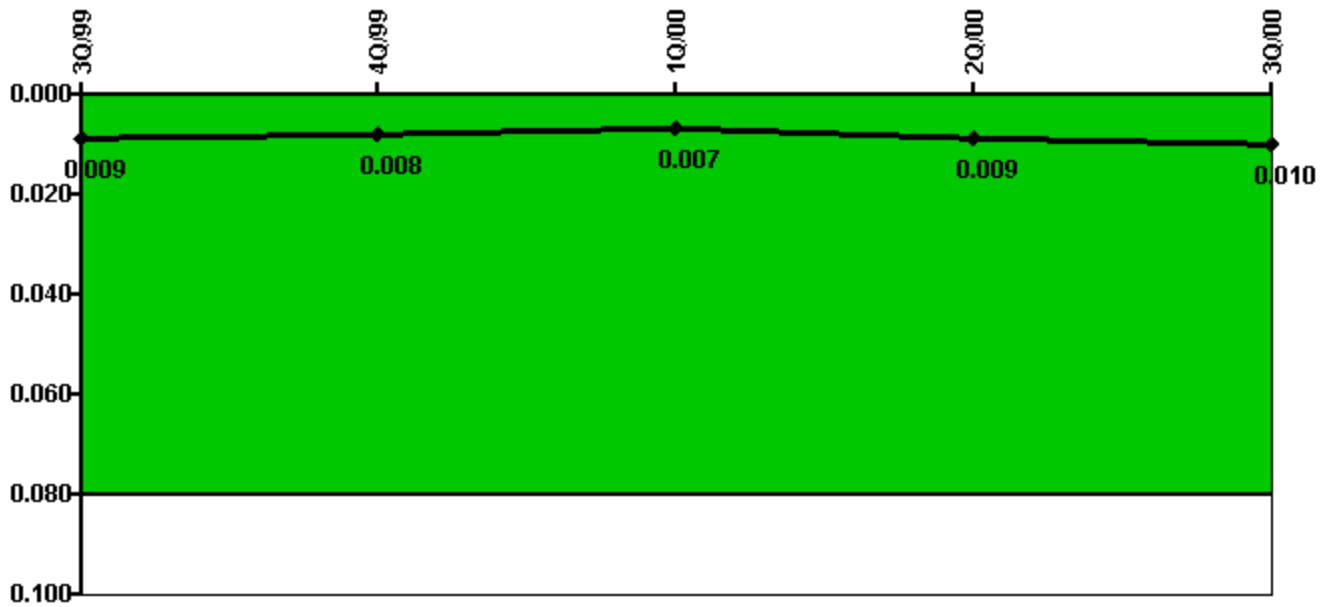
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
RETS/ODCM occurrences	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index



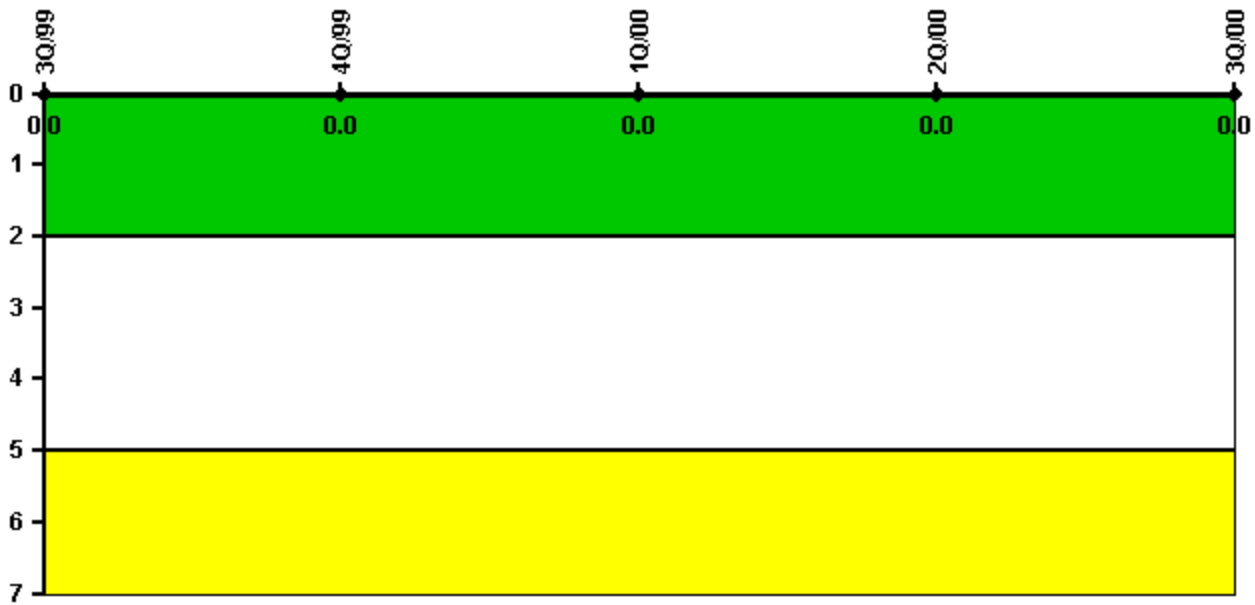
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
IDS compensatory hours	74.00	112.10	0	99.00	106.00
CCTV compensatory hours	0	0	0	1.5	0
IDS normalization factor	1.80	1.80	1.80	1.80	1.80
CCTV normalization factor	1.5	1.5	1.5	1.5	1.5
Index Value	0.009	0.008	0.007	0.009	0.010

Licensee Comments: none

Personnel Screening Program



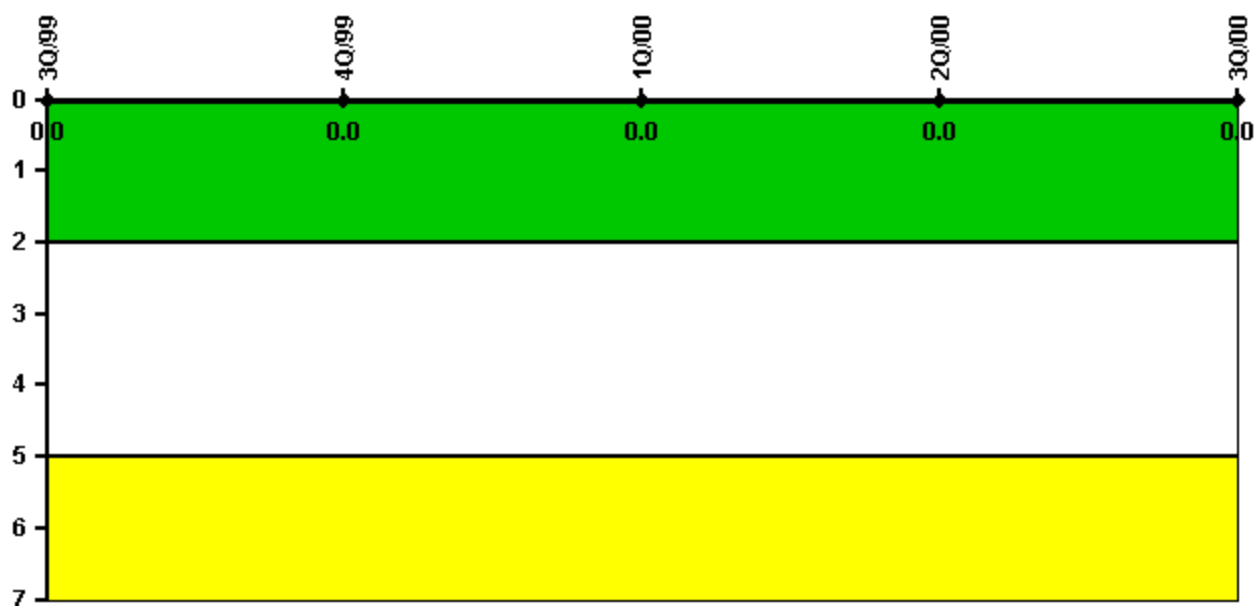
Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Program failures	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Program Failures	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none



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

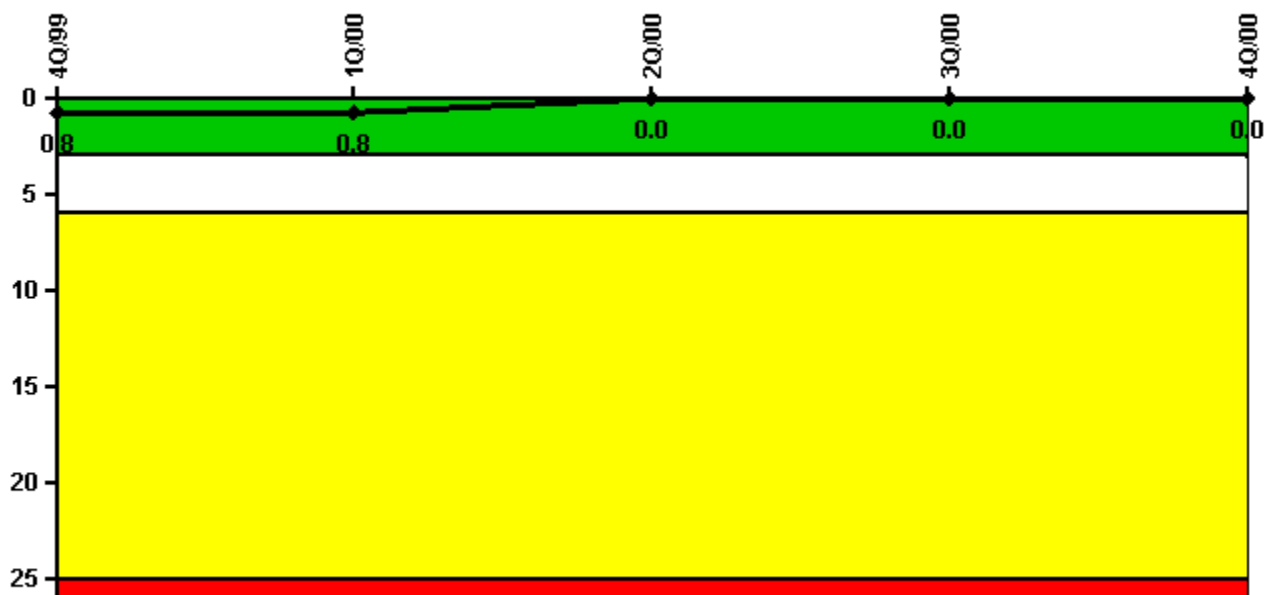
Last Modified: March 29, 2002

Saint Lucie 2

4Q/2000 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/99	1Q/00	2Q/00	3Q/00	4Q/00
Unplanned scrams	0	0	0	0	0
Critical hours	2209.0	2184.0	1473.6	2208.0	2209.0
Indicator value	0.8	0.8	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



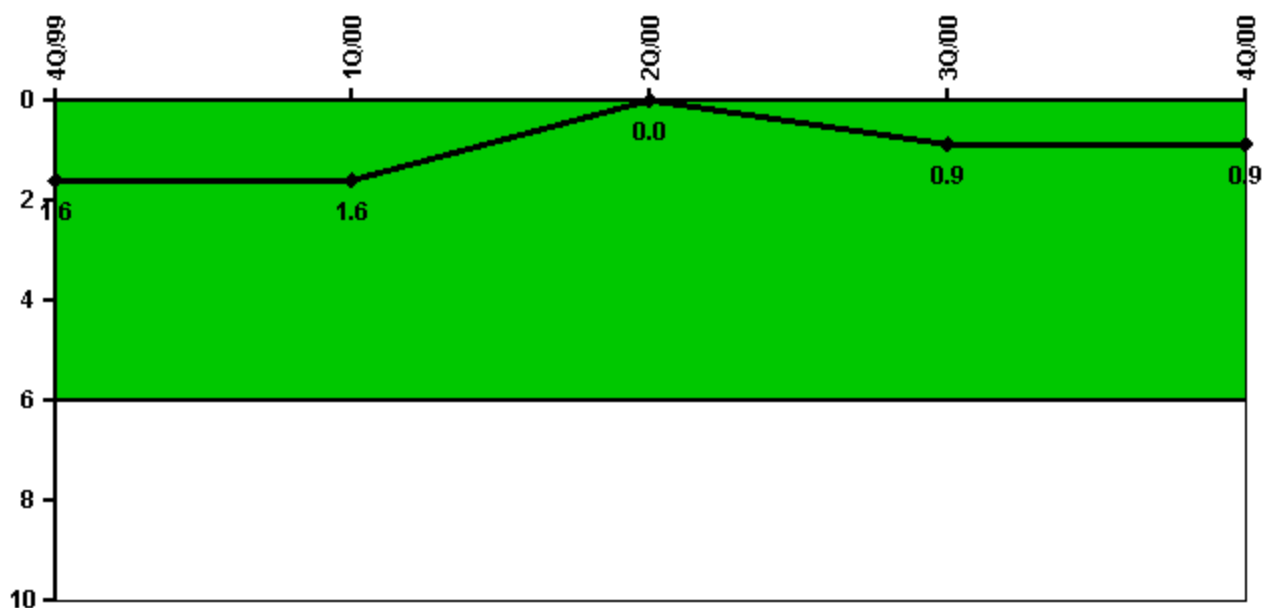
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Scrams	0	0	0	0	0
Indicator value	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	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Unplanned power changes	0	0	0	1.0	0
Critical hours	2209.0	2184.0	1473.6	2208.0	2209.0
Indicator value	1.6	1.6	0	0.9	0.9

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	0	6.70	2.70	6.30	6.60
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	1882.90	2208.00	2209.00
Train 2					
Planned unavailable hours	0	4.40	3.90	4.20	4.70
Unplanned unavailable hours	0	0.40	0	30.60	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	1882.90	2208.00	2209.00
Indicator value	0.2%	0.2%	0.2%	0.2%	0.2%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	1.90	41.90	1.80	2.20	0
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	1507.20	2208.00	2209.00
Train 2					
Planned unavailable hours	3.10	2.40	1.00	3.30	0.90
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	1507.20	2208.00	2209.00
Indicator value	0.8%	0.8%	0.7%	0.7%	0.7%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



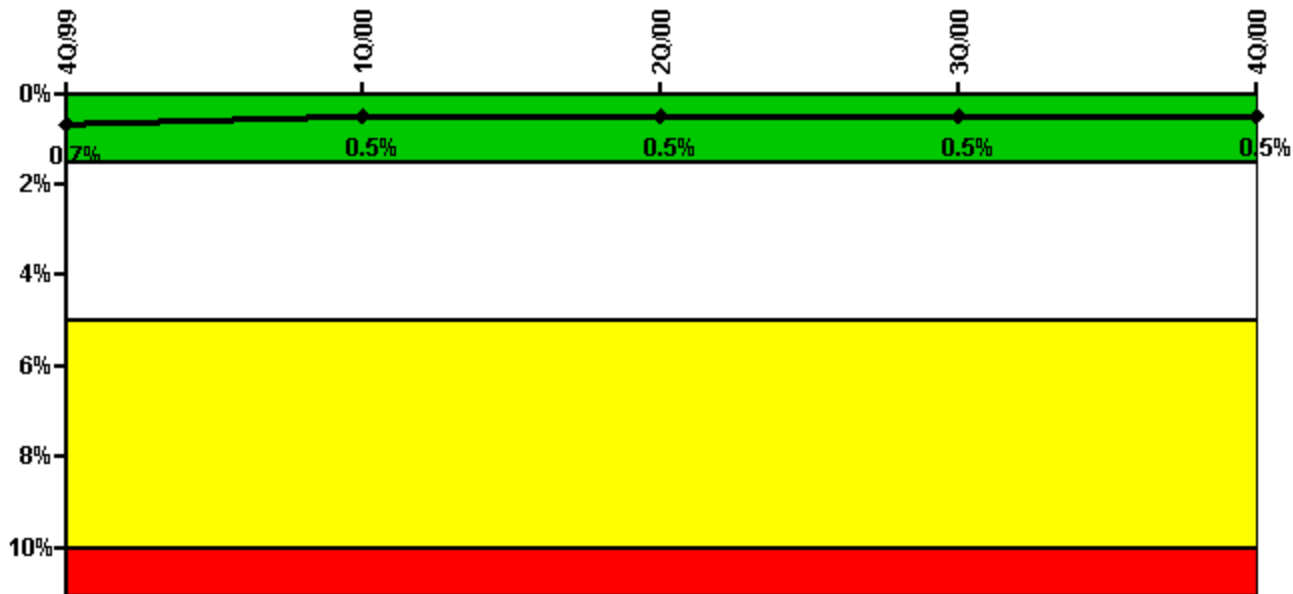
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	13.60	2.33	0	1.03	1.90
Unplanned unavailable hours	33.00	0	2.30	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	1474.50	2208.00	2209.00
Train 2					
Planned unavailable hours	1.50	8.70	0	0	1.80
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	1474.50	2208.00	2209.00
Train 3					
Planned unavailable hours	13.00	2.15	0	2.50	27.90
Unplanned unavailable hours	20.00	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	1474.50	2208.00	2209.00
Indicator value	0.4%	0.3%	0.3%	0.3%	0.3%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	3.70	48.10	1.80	57.80	0
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	1507.20	2208.00	2209.00
Train 2					
Planned unavailable hours	6.70	1.90	2.50	2.60	15.40
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	1507.20	2208.00	2209.00
Train 3					
Planned unavailable hours	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	0	0	507.30	0	0
Train 4					
Planned unavailable hours	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	0	0	507.30	0	0
Indicator value	0.7%	0.5%	0.5%	0.5%	0.5%

Licensee Comments:

2Q/00: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

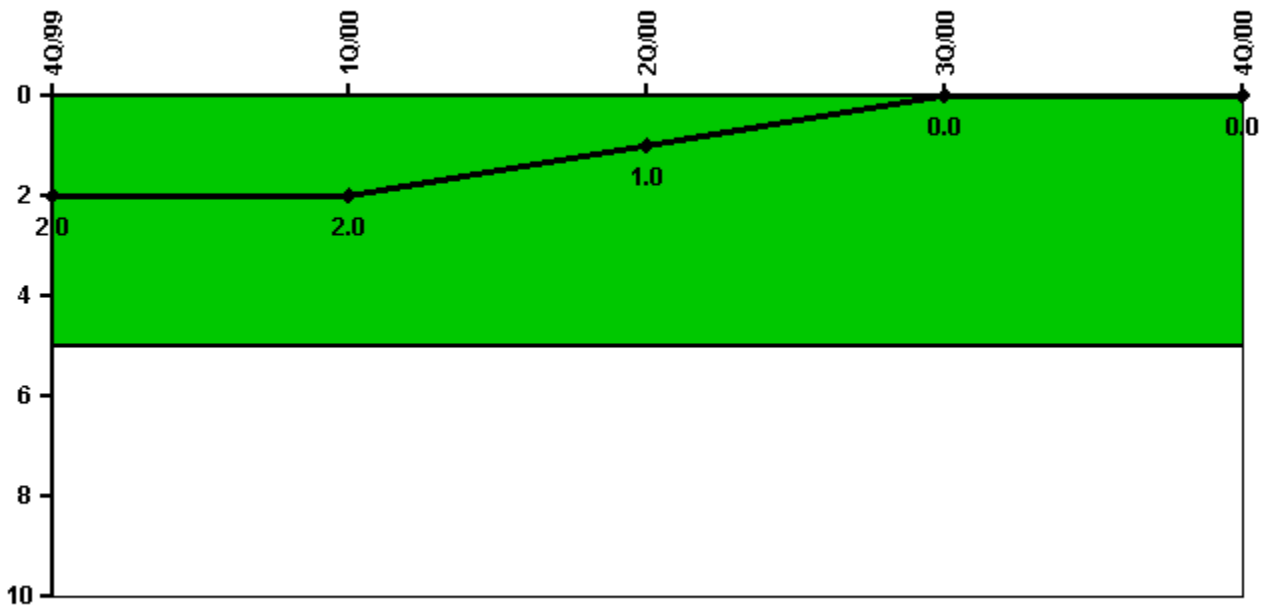
4Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

3Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

2Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

1Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

Safety System Functional Failures (PWR)



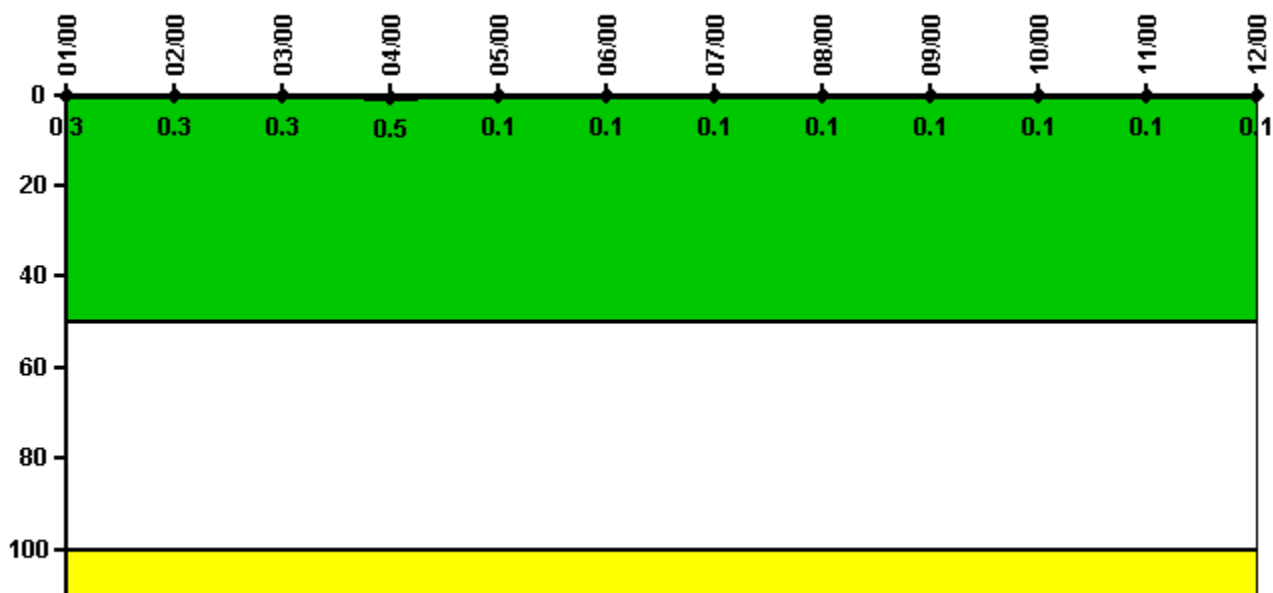
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Safety System Functional Failures	0	0	0	0	0
Indicator value	2	2	1	0	0

Licensee Comments: none

Reactor Coolant System Activity



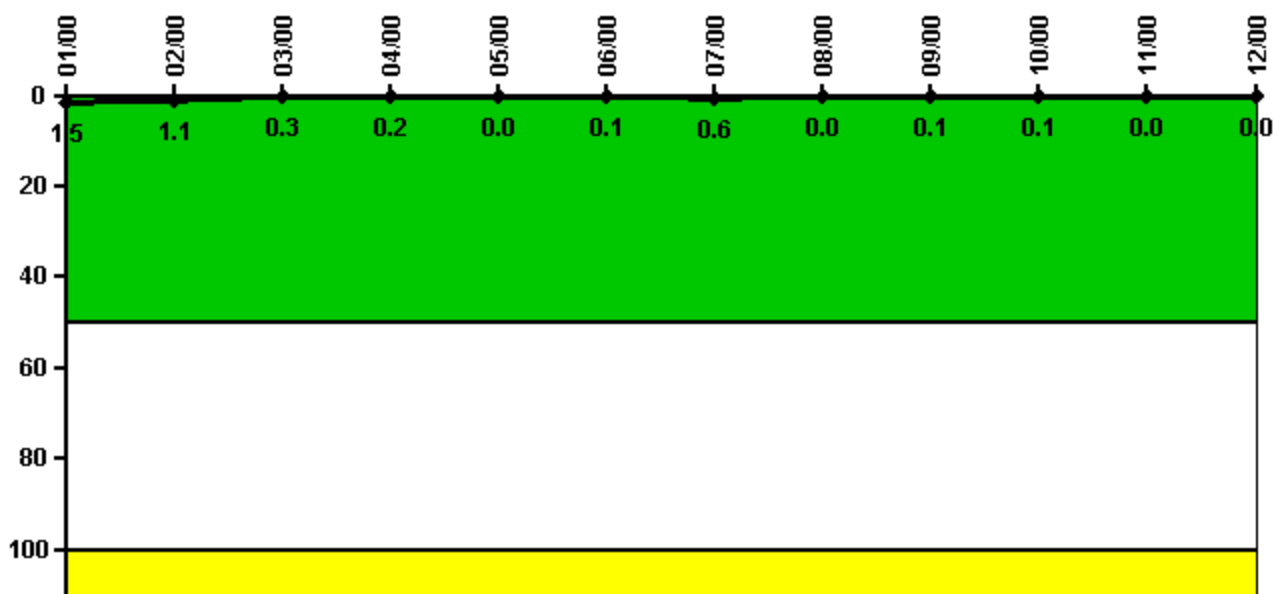
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00
Maximum activity	0.002860	0.002830	0.002940	0.005270	0.000872	0.001050	0.000927	0.001010	0.001020	0.001150	0.001050	0.001150
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.3	0.3	0.3	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



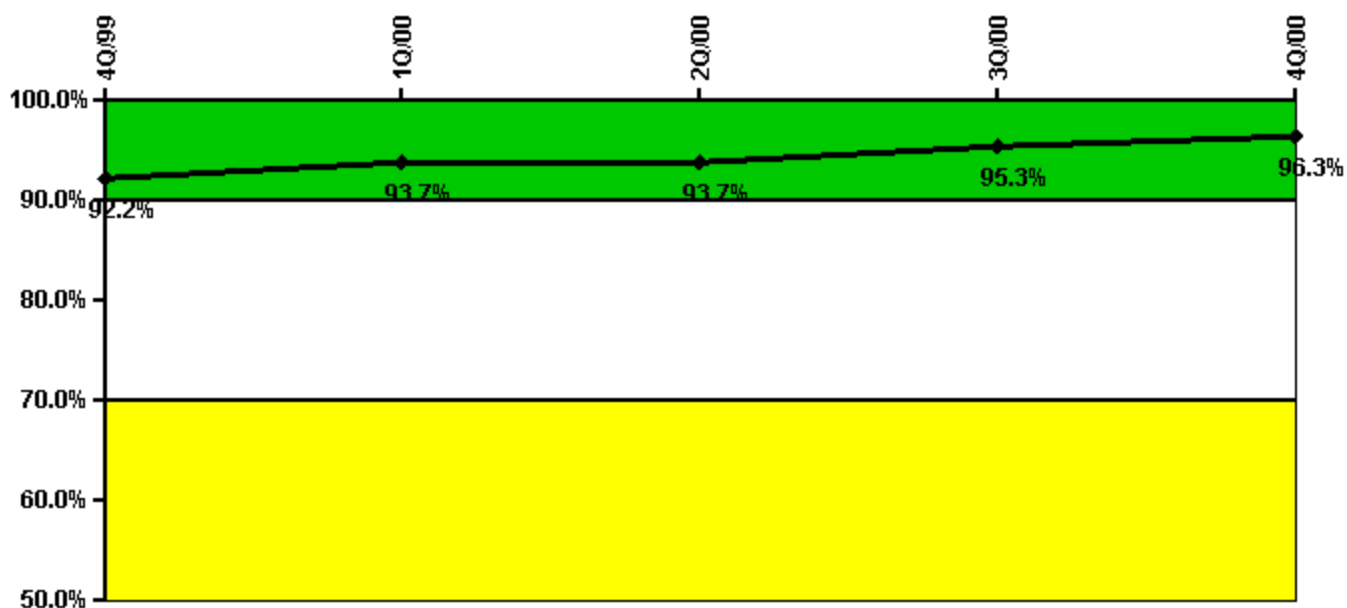
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00
Maximum leakage	0.150	0.110	0.030	0.020	0	0.010	0.060	0	0.010	0.010	0	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.5	1.1	0.3	0.2	0	0.1	0.6	0	0.1	0.1	0	0

Licensee Comments: none

Drill/Exercise Performance



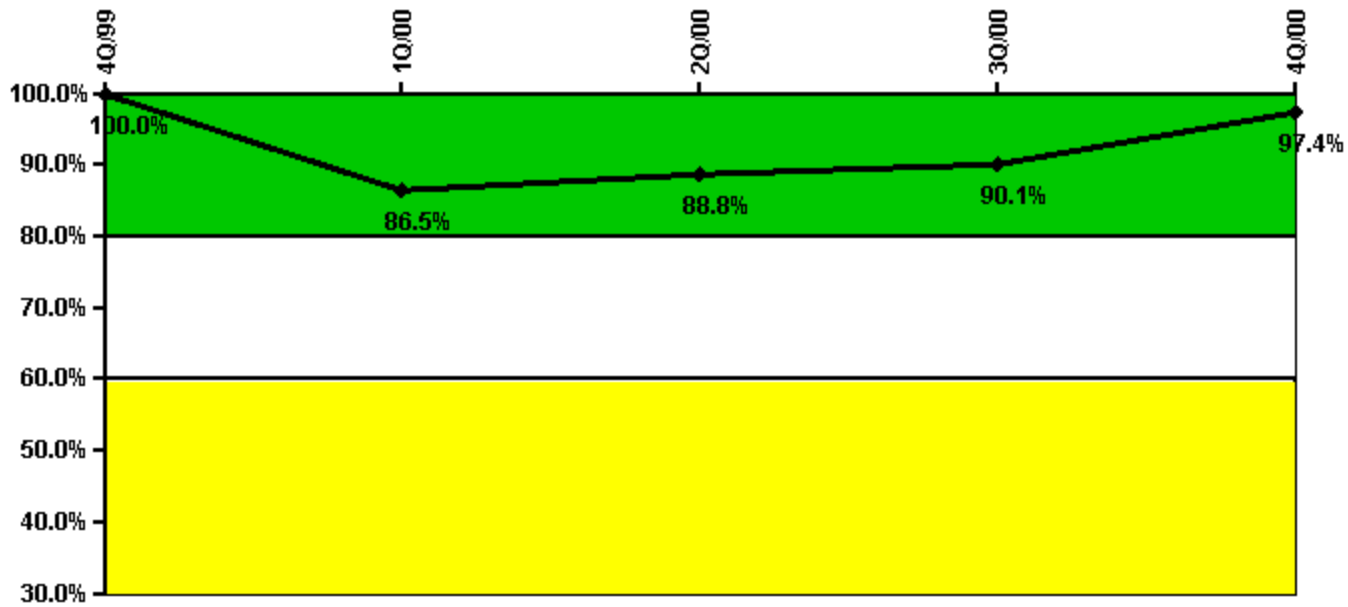
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Successful opportunities	98.0	26.0	8.0	65.0	127.0
Total opportunities	100.0	27.0	9.0	65.0	130.0
Indicator value	92.2%	93.7%	93.7%	95.3%	96.3%

Licensee Comments: none

ERO Drill Participation



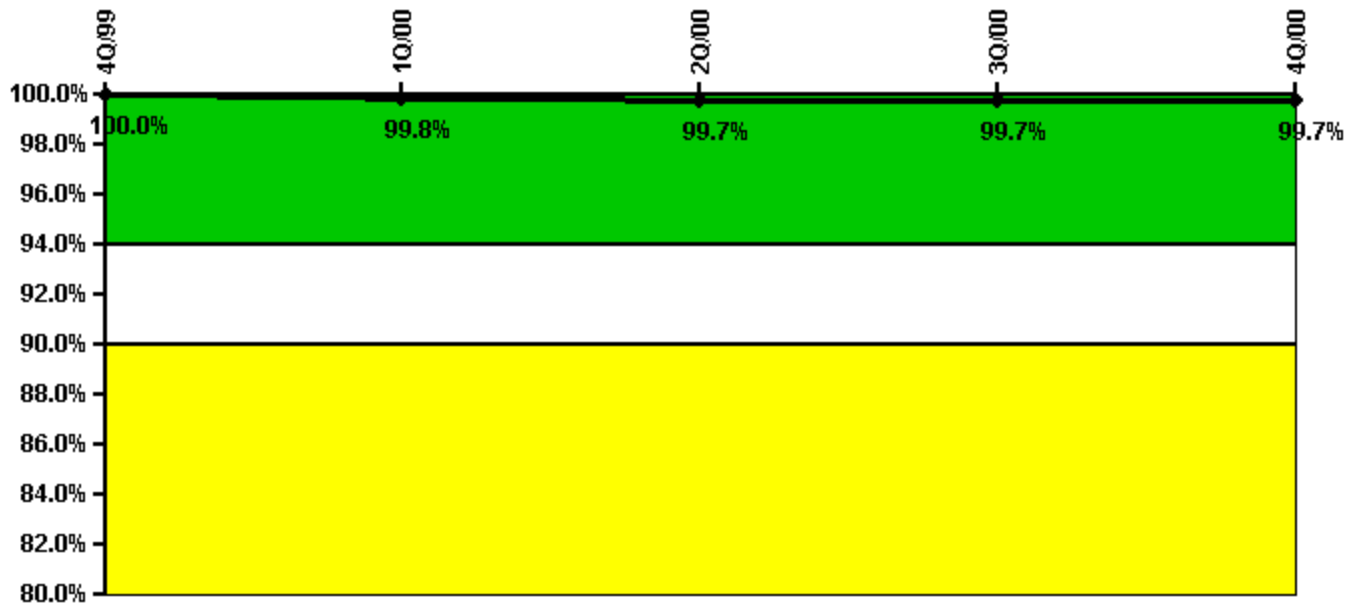
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Participating Key personnel	85.0	77.0	71.0	73.0	75.0
Total Key personnel	85.0	89.0	80.0	81.0	77.0
Indicator value	100.0%	86.5%	88.8%	90.1%	97.4%

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Successful siren-tests	696	606	519	694	522
Total sirens-tests	696	609	522	696	522
Indicator value	100.0%	99.8%	99.7%	99.7%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



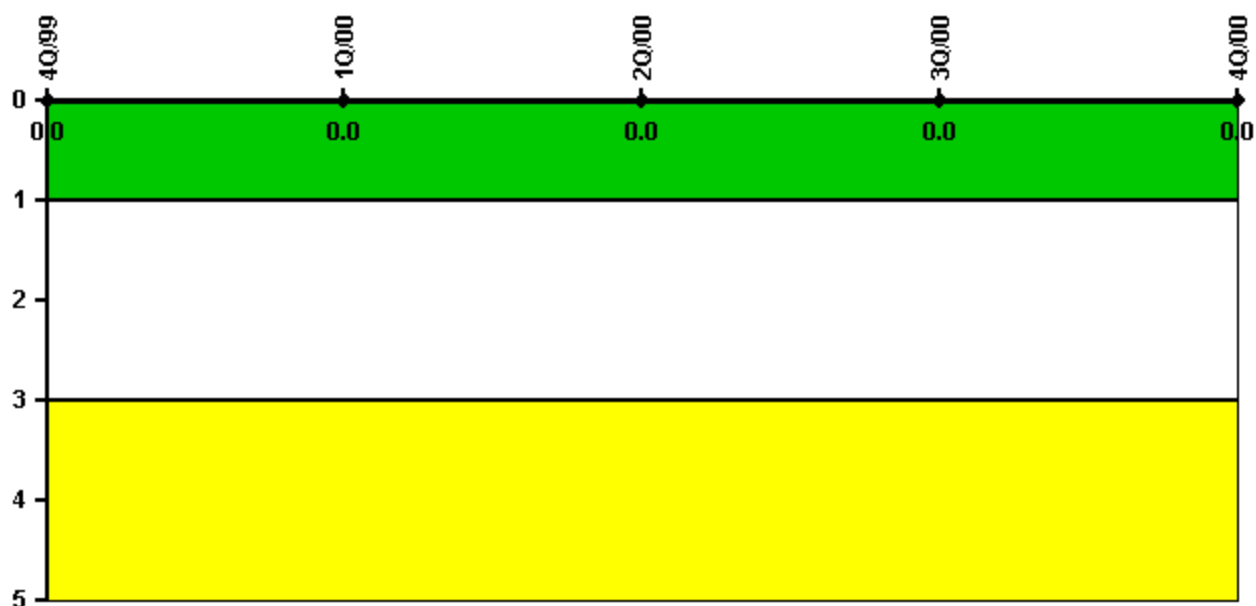
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
High radiation area occurrences	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



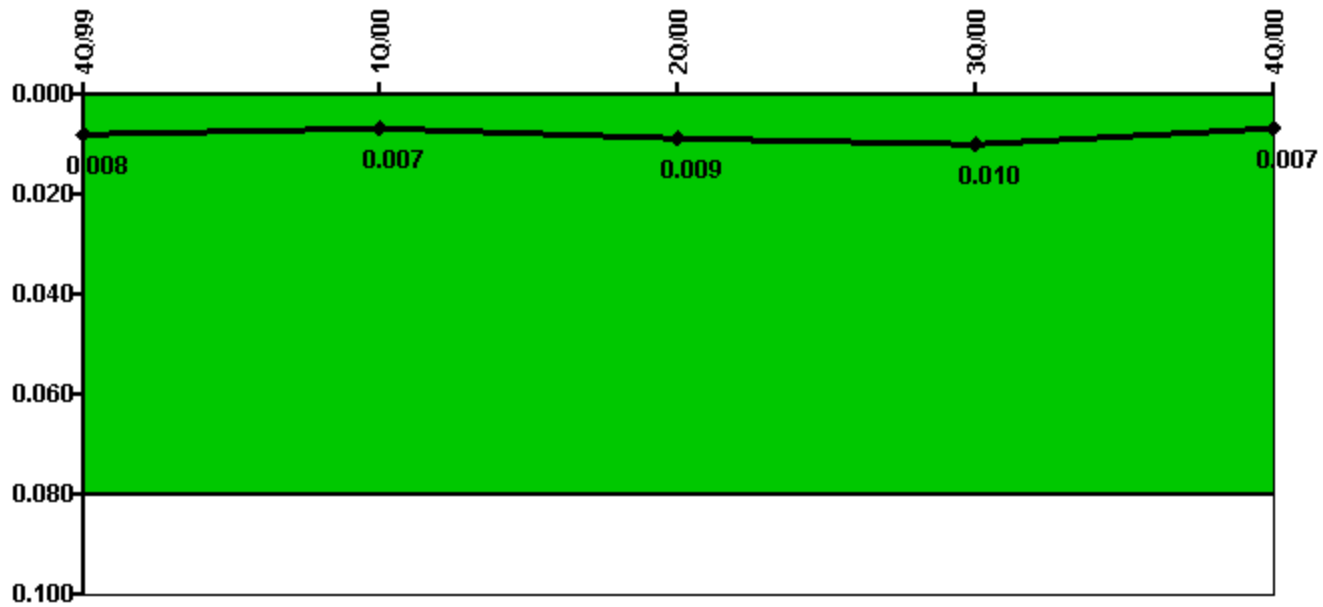
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
RETS/ODCM occurrences	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index



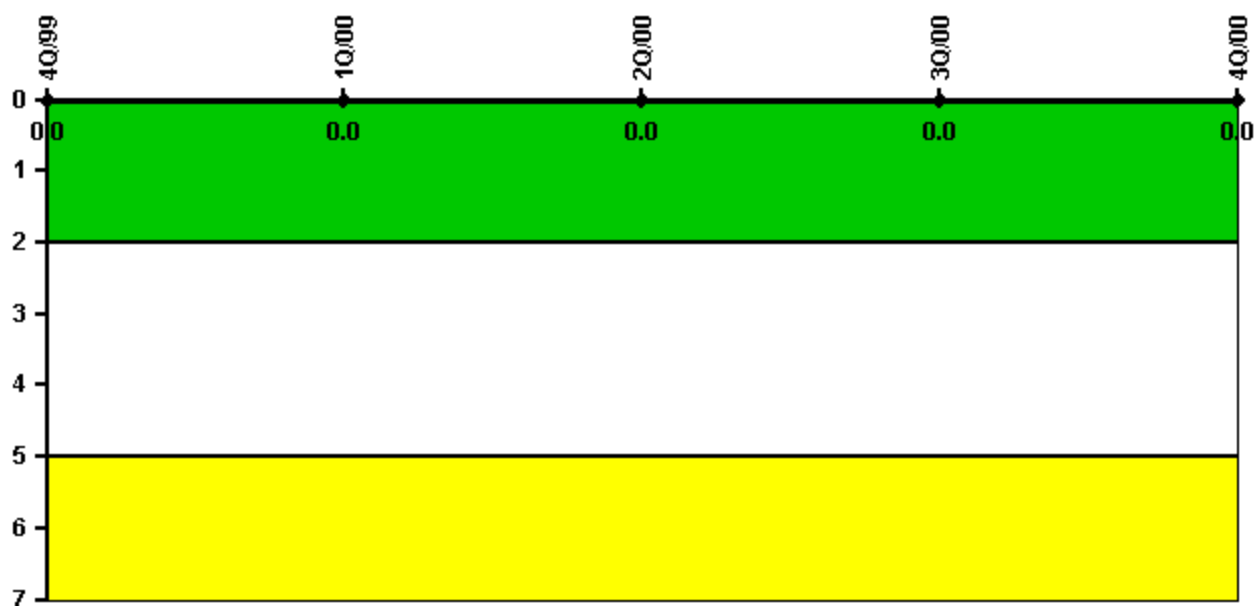
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
IDS compensatory hours	112.10	0	99.00	106.00	25.60
CCTV compensatory hours	0	0	1.5	0	0
IDS normalization factor	1.80	1.80	1.80	1.80	1.80
CCTV normalization factor	1.5	1.5	1.5	1.5	1.5
Index Value	0.008	0.007	0.009	0.010	0.007

Licensee Comments: none

Personnel Screening Program



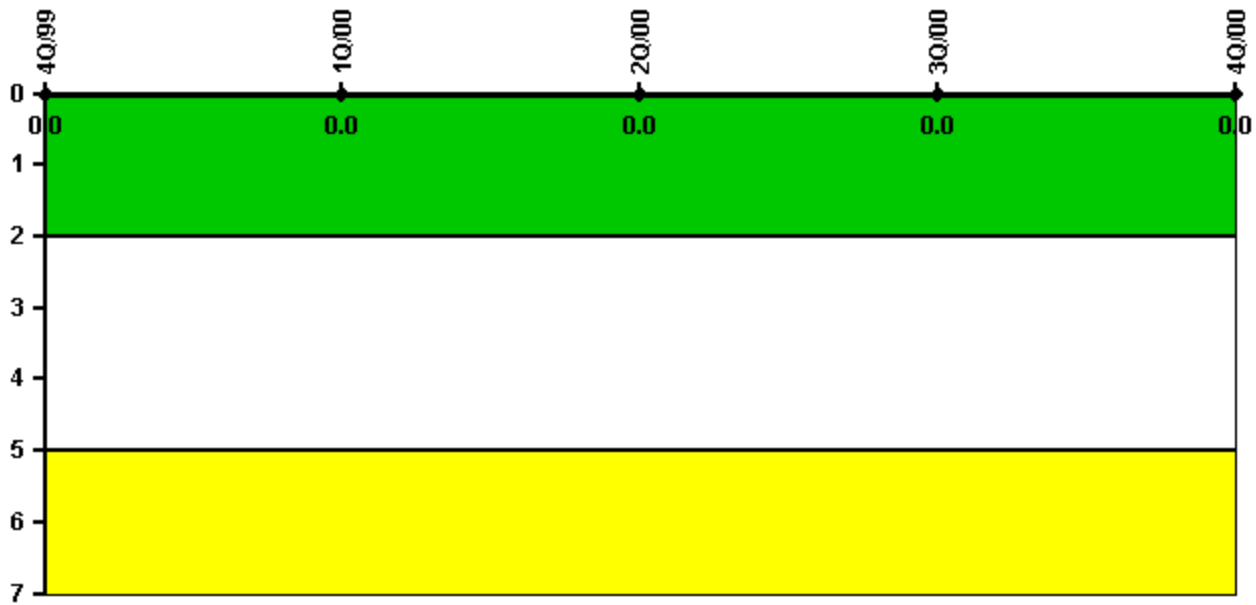
Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Program failures	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Program Failures	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

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

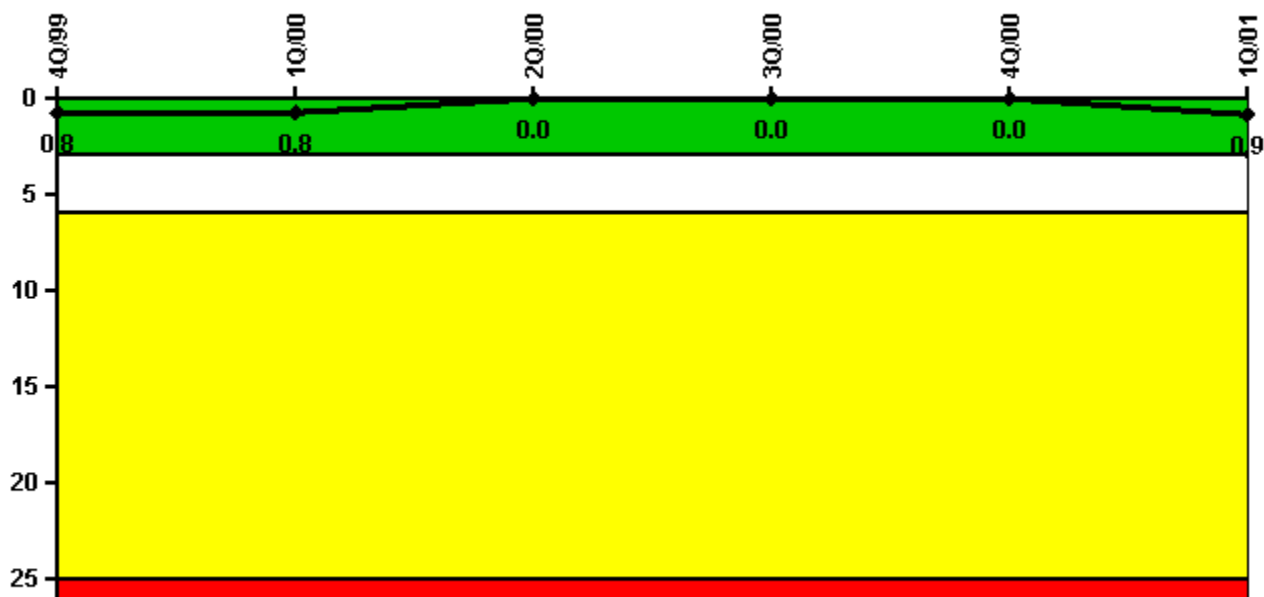
Last Modified: March 28, 2002

Saint Lucie 2

1Q/2001 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/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Unplanned scrams	0	0	0	0	0	1.0
Critical hours	2209.0	2184.0	1473.6	2208.0	2209.0	2088.3
Indicator value	0.8	0.8	0	0	0	0.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



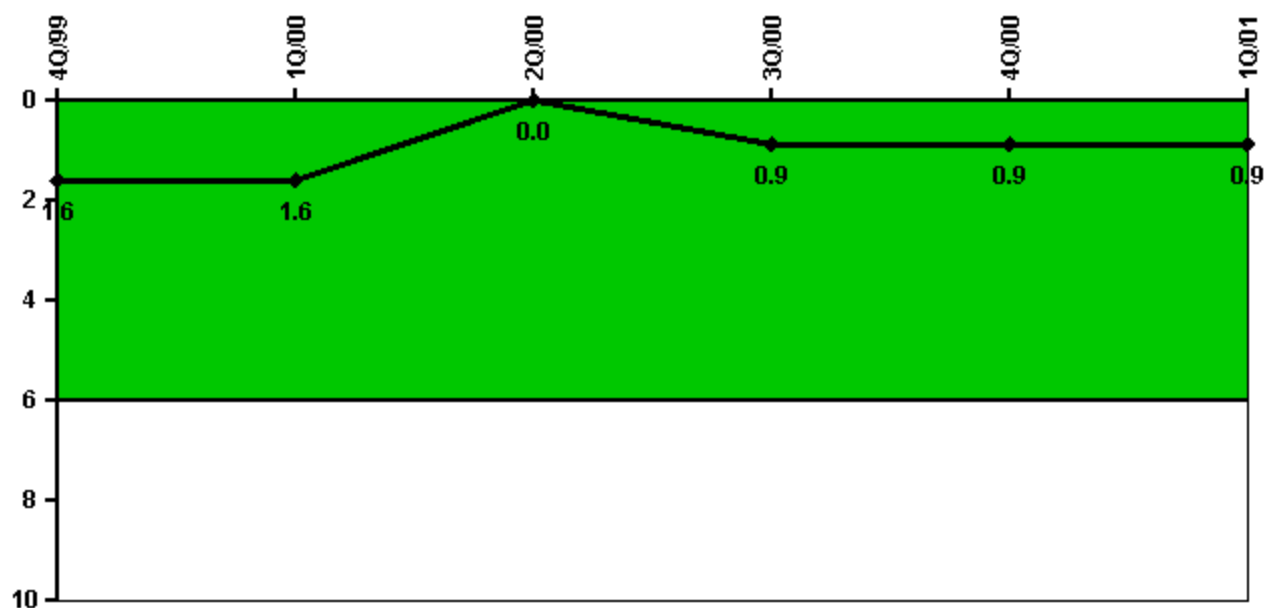
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Scrams	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



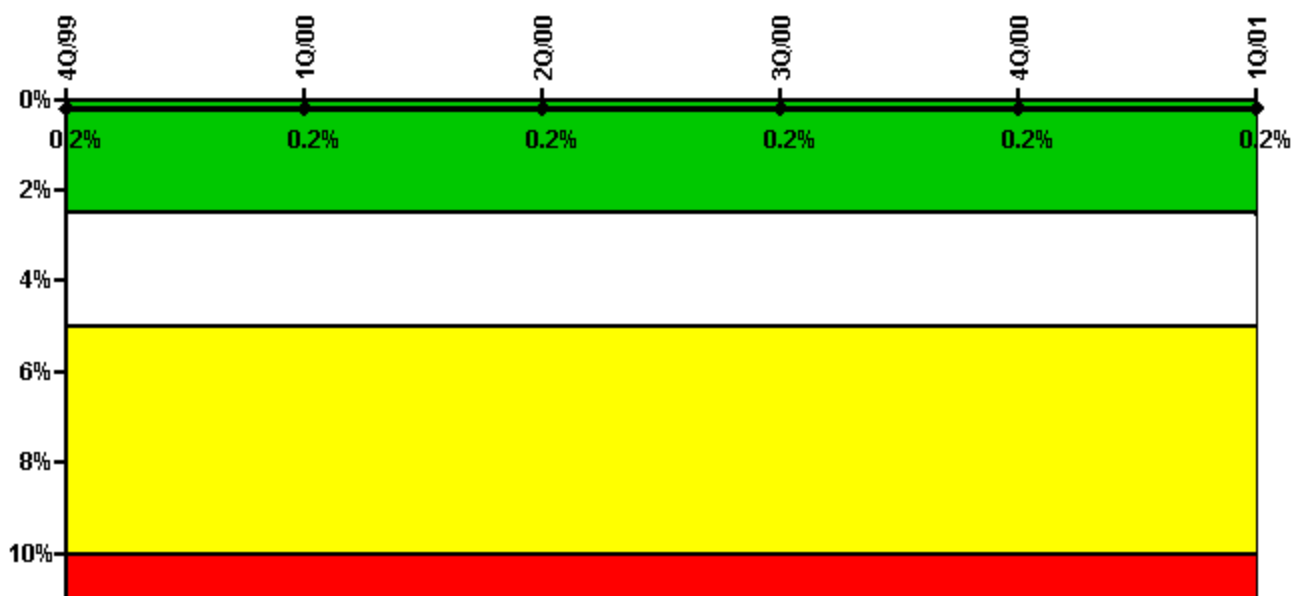
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Unplanned power changes	0	0	0	1.0	0	0
Critical hours	2209.0	2184.0	1473.6	2208.0	2209.0	2088.3
Indicator value	1.6	1.6	0	0.9	0.9	0.9

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



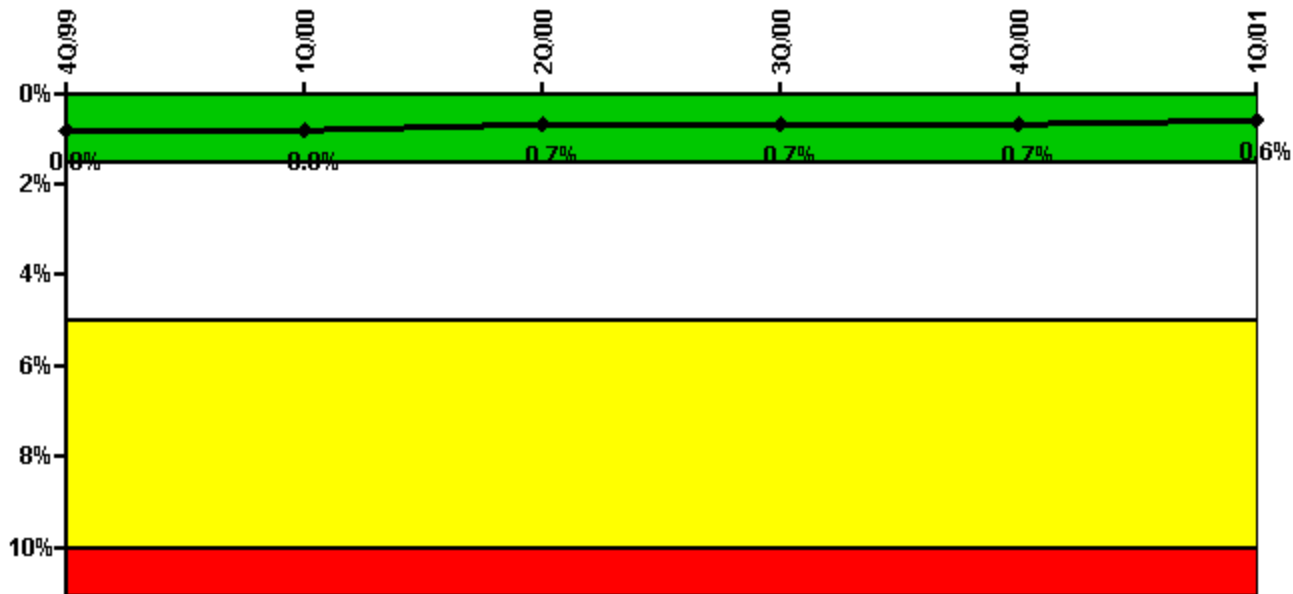
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Train 1						
Planned unavailable hours	0	6.70	2.70	6.30	6.60	7.70
Unplanned unavailable hours	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	1882.90	2208.00	2209.00	2160.00
Train 2						
Planned unavailable hours	0	4.40	3.90	4.20	4.70	5.70
Unplanned unavailable hours	0	0.40	0	30.60	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	1882.90	2208.00	2209.00	2160.00
Indicator value	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



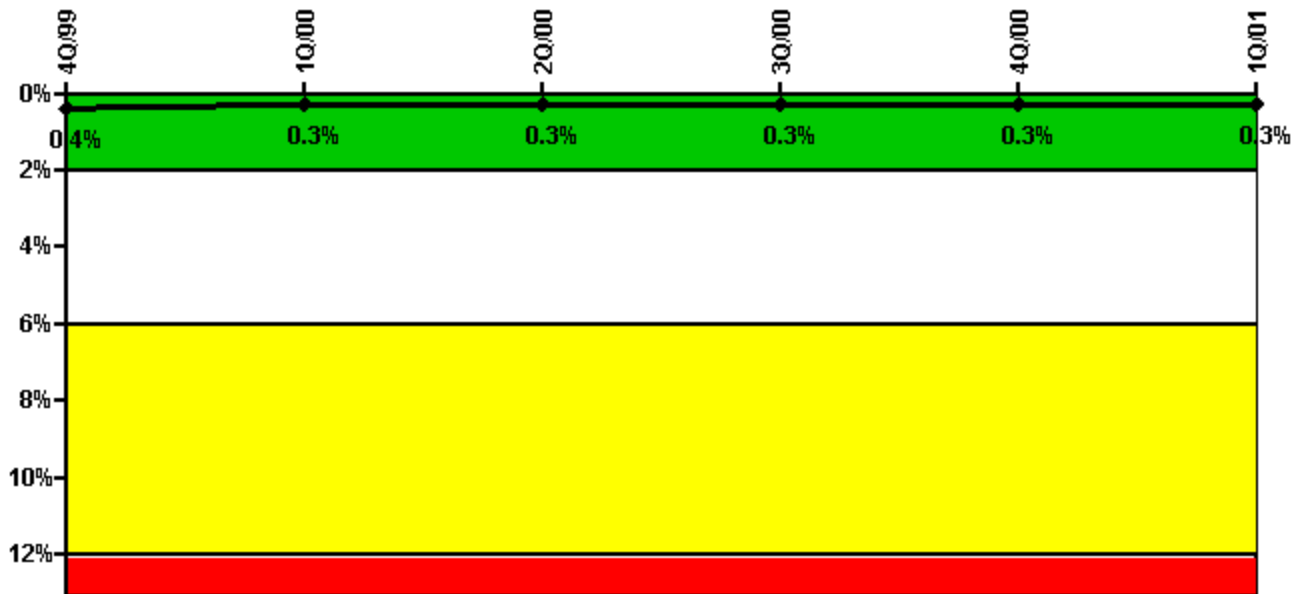
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Train 1						
Planned unavailable hours	1.90	41.90	1.80	2.20	0	0.30
Unplanned unavailable hours	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	1507.20	2208.00	2209.00	2160.00
Train 2						
Planned unavailable hours	3.10	2.40	1.00	3.30	0.90	0.80
Unplanned unavailable hours	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	1507.20	2208.00	2209.00	2160.00
Indicator value	0.8%	0.8%	0.7%	0.7%	0.7%	0.6%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



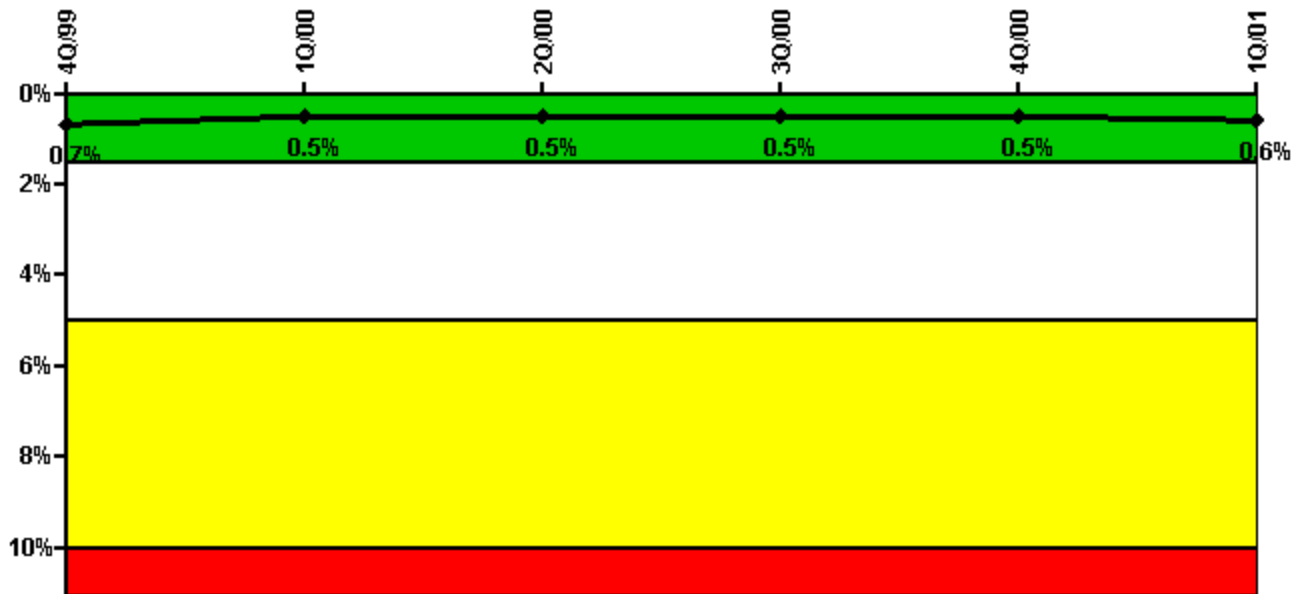
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Train 1						
Planned unavailable hours	13.60	2.33	0	1.03	1.90	4.10
Unplanned unavailable hours	33.00	0	2.30	0	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	1474.50	2208.00	2209.00	2160.00
Train 2						
Planned unavailable hours	1.50	8.70	0	0	1.80	1.30
Unplanned unavailable hours	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	1474.50	2208.00	2209.00	2160.00
Train 3						
Planned unavailable hours	13.00	2.15	0	2.50	27.90	10.60
Unplanned unavailable hours	20.00	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	1474.50	2208.00	2209.00	2160.00
Indicator value	0.4%	0.3%	0.3%	0.3%	0.3%	0.3%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Train 1						
Planned unavailable hours	3.70	48.10	1.80	57.80	0	57.00
Unplanned unavailable hours	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	1507.20	2208.00	2209.00	2160.00
Train 2						
Planned unavailable hours	6.70	1.90	2.50	2.60	15.40	48.30
Unplanned unavailable hours	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	1507.20	2208.00	2209.00	2160.00
Train 3						
Planned unavailable hours	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	0	0	507.30	0	0	0
Train 4						
Planned unavailable hours	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	0	0	507.30	0	0	0
Indicator value	0.7%	0.5%	0.5%	0.5%	0.5%	0.6%

Licensee Comments:

2Q/00: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

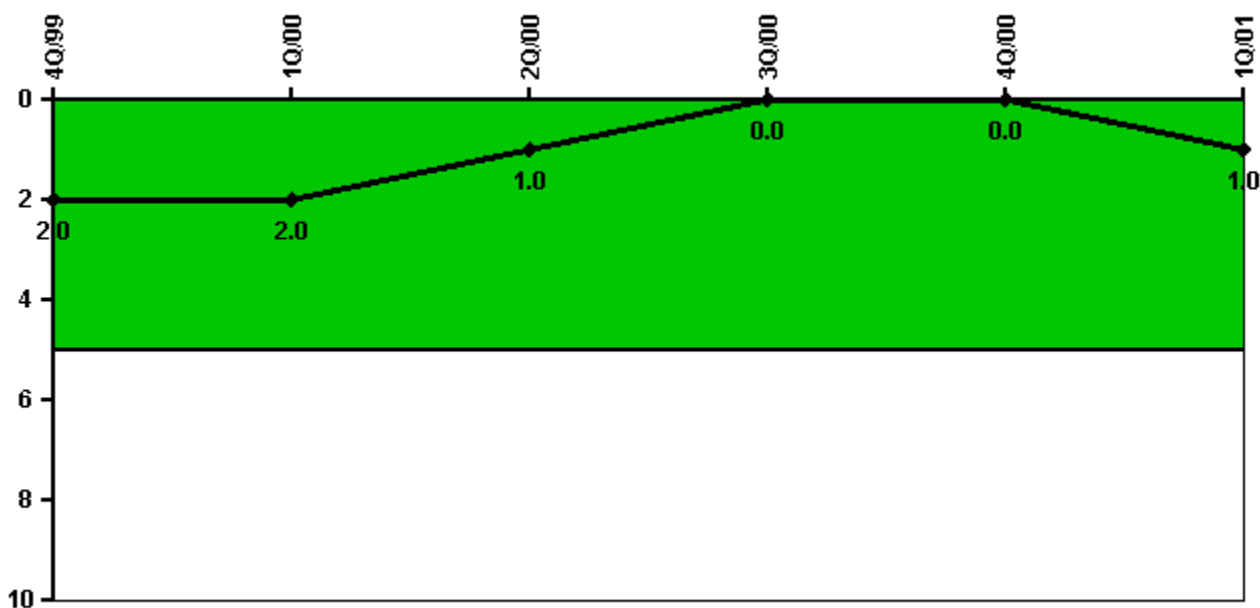
4Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

3Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

2Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

1Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

Safety System Functional Failures (PWR)



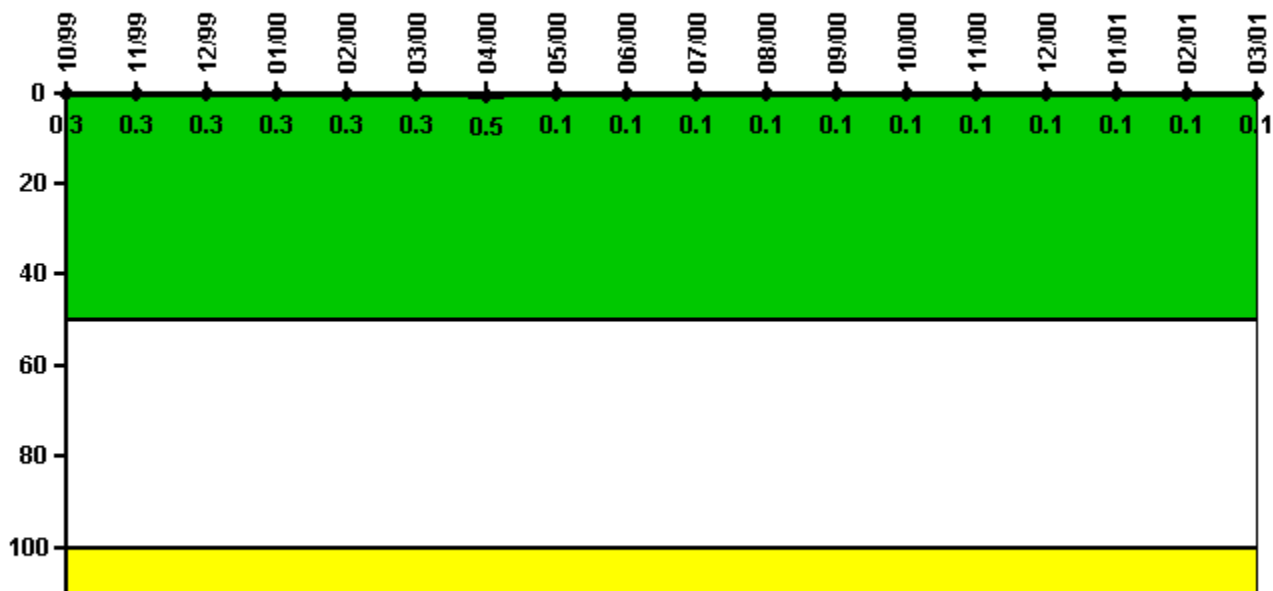
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Safety System Functional Failures	0	0	0	0	0	1
Indicator value	2	2	1	0	0	1

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

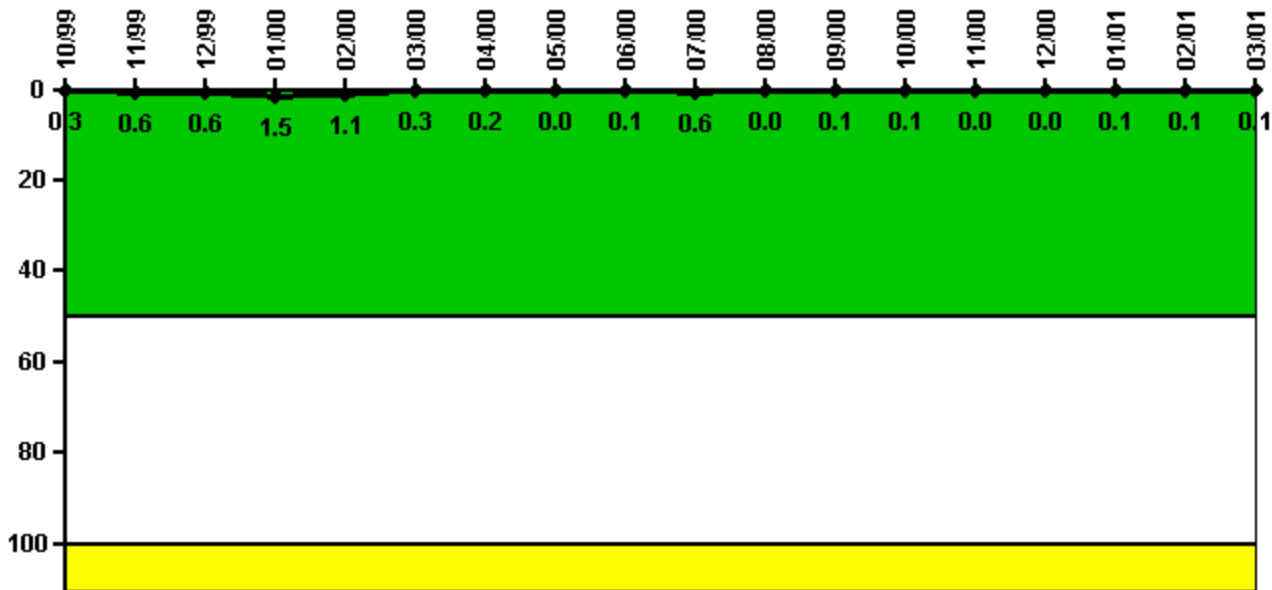
Notes

Reactor Coolant System Activity	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum activity	0.003000	0.002700	0.003000	0.002860	0.002830	0.002940	0.005270	0.000872	0.001050	0.000927	0.001010	0.001020
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.1	0.1	0.1	0.1	0.1

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01
Maximum activity	0.001150	0.001050	0.001150	0.001230	0.001170	0.001310
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	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

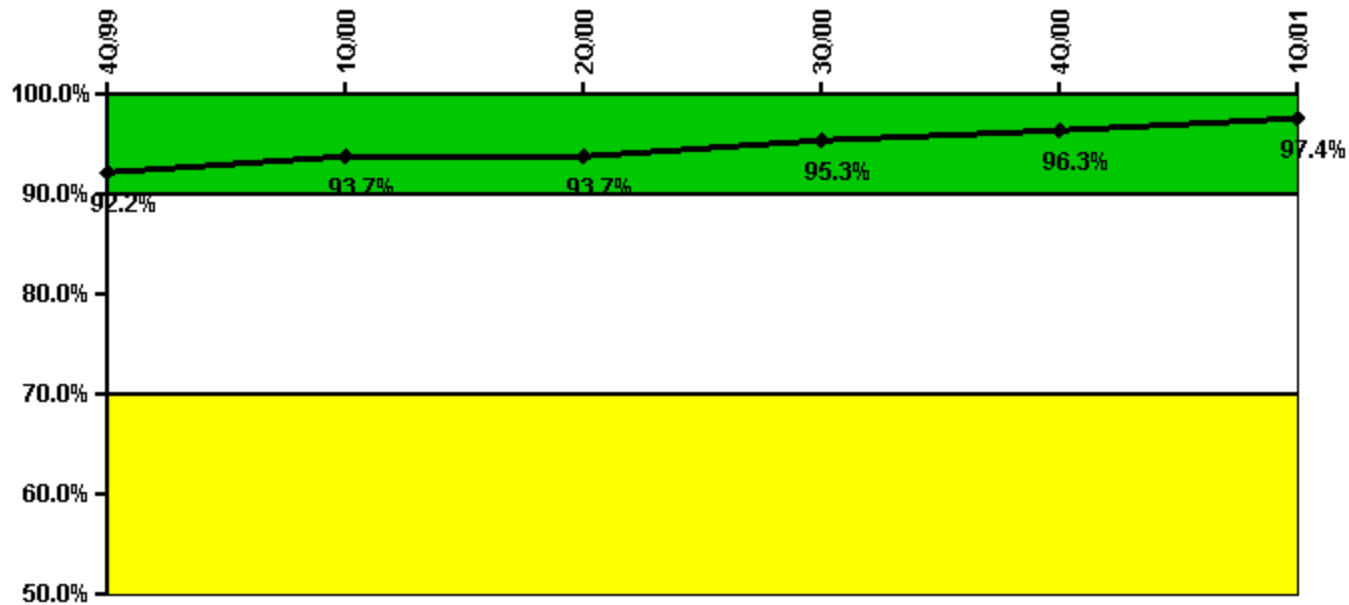
Notes

Reactor Coolant System Leakage	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum leakage	0.030	0.060	0.060	0.150	0.110	0.030	0.020	0	0.010	0.060	0	0.010
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.6	0.6	1.5	1.1	0.3	0.2	0	0.1	0.6	0	0.1

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01
Maximum leakage	0.010	0	0	0.010	0.010	0.010
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0	0	0.1	0.1	0.1

Licensee Comments: none

Drill/Exercise Performance



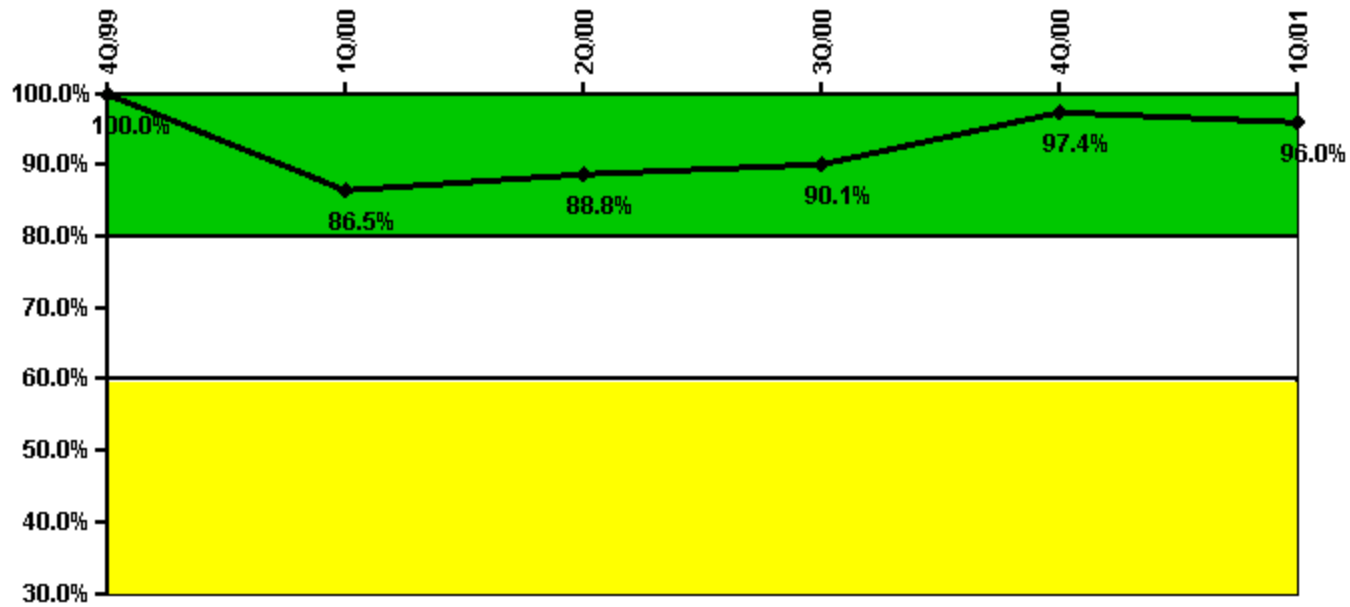
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Successful opportunities	98.0	26.0	8.0	65.0	127.0	8.0
Total opportunities	100.0	27.0	9.0	65.0	130.0	8.0
Indicator value	92.2%	93.7%	93.7%	95.3%	96.3%	97.4%

Licensee Comments: none

ERO Drill Participation



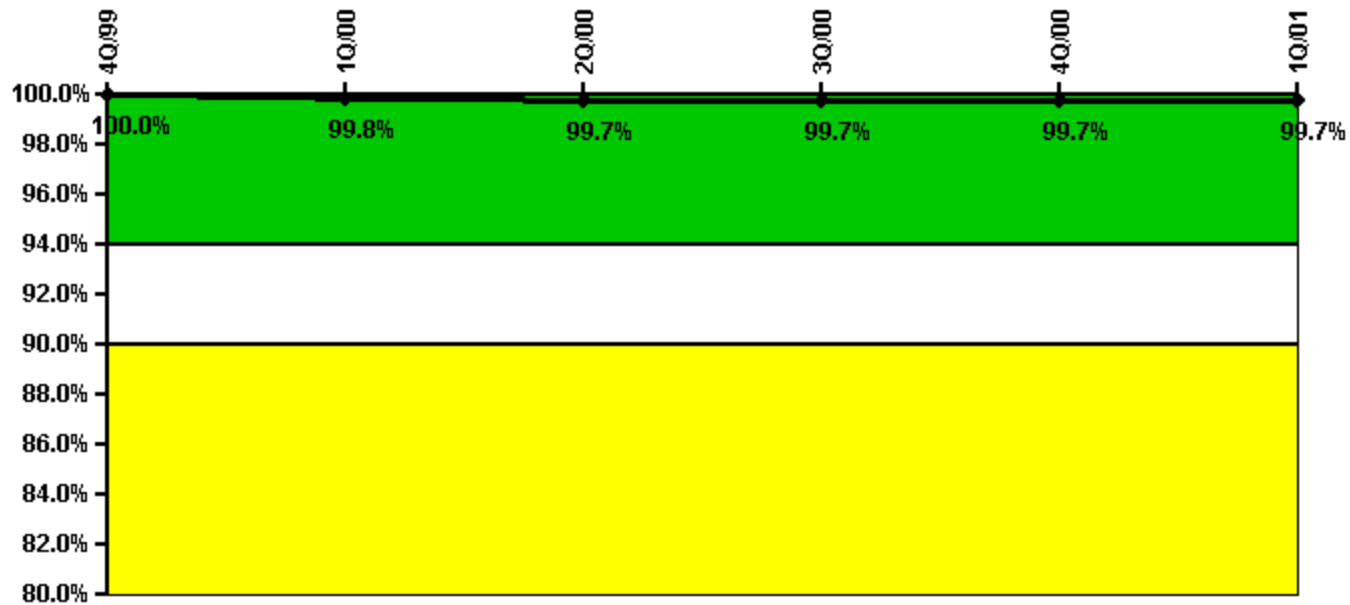
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Participating Key personnel	85.0	77.0	71.0	73.0	75.0	72.0
Total Key personnel	85.0	89.0	80.0	81.0	77.0	75.0
Indicator value	100.0%	86.5%	88.8%	90.1%	97.4%	96.0%

Licensee Comments: none

Alert & Notification System



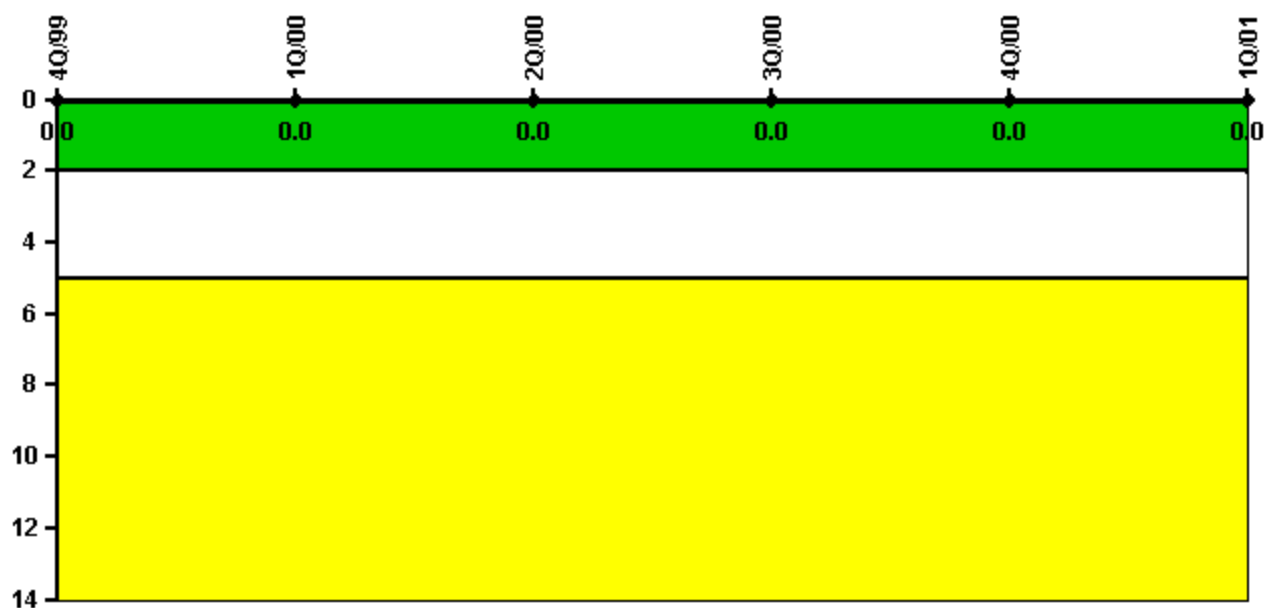
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Successful siren-tests	696	606	519	694	522	607
Total sirens-tests	696	609	522	696	522	609
Indicator value	100.0%	99.8%	99.7%	99.7%	99.7%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
High radiation area occurrences	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent

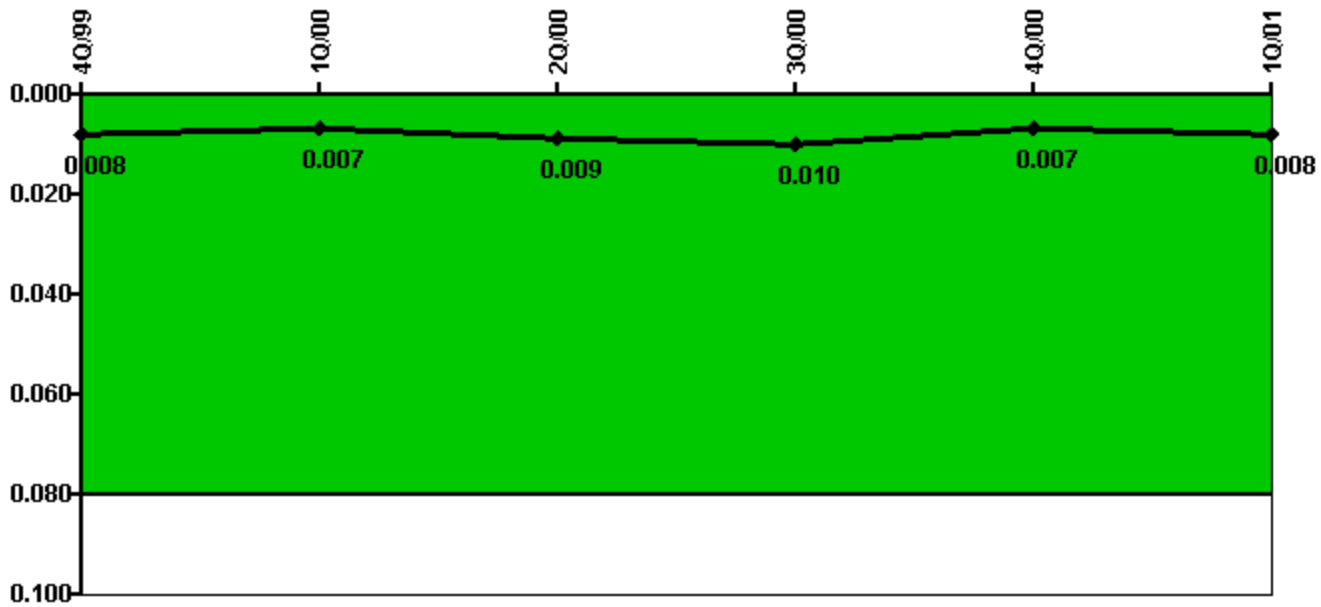
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
RETS/ODCM occurrences	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index



Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
IDS compensatory hours	112.10	0	99.00	106.00	25.60	12.75
CCTV compensatory hours	0	0	1.5	0	0	0
IDS normalization factor	1.80	1.80	1.80	1.80	1.80	1.80
CCTV normalization factor	1.5	1.5	1.5	1.5	1.5	1.5
Index Value	0.008	0.007	0.009	0.010	0.007	0.008

Licensee Comments: none

Personnel Screening Program



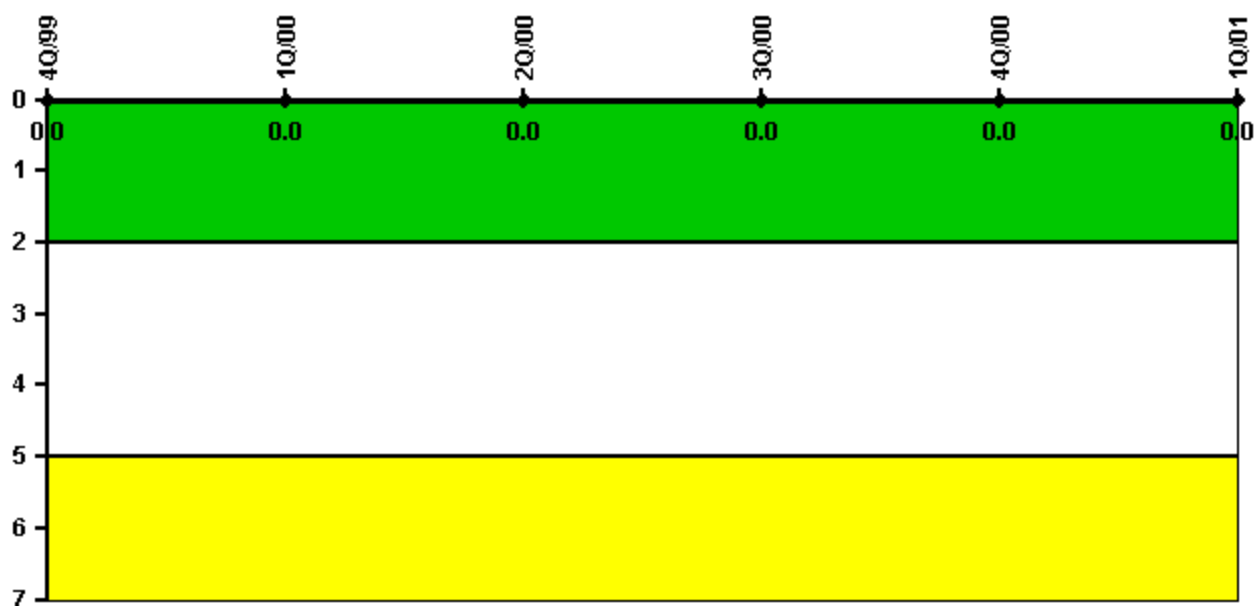
Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Program failures	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Program Failures	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0

Licensee Comments: none

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

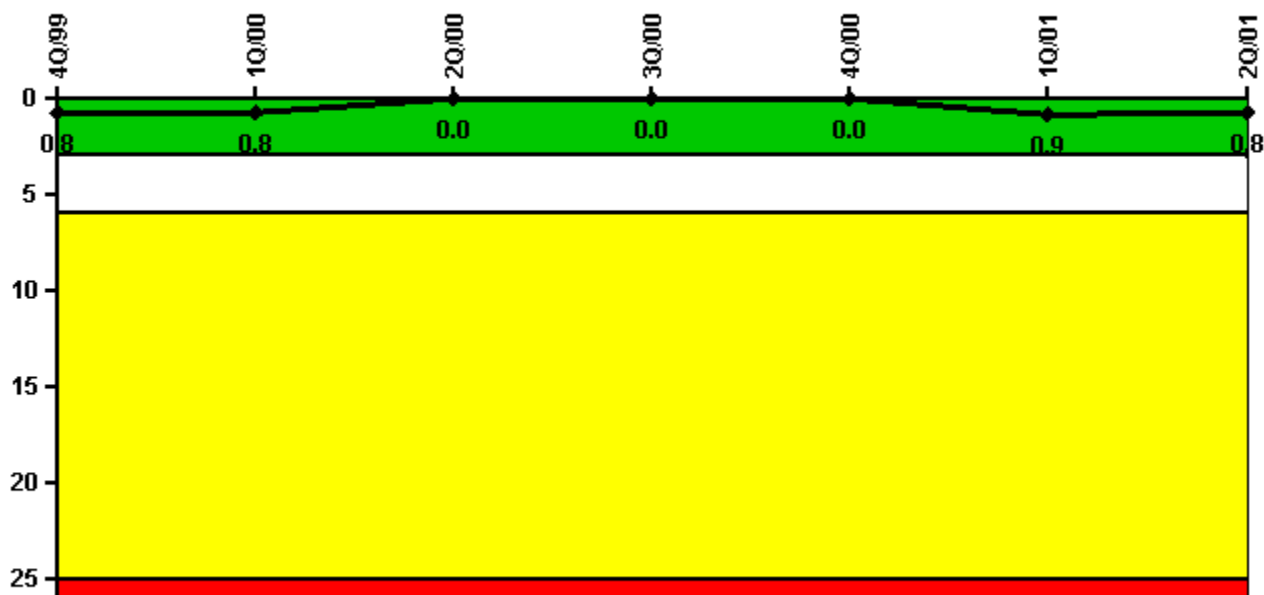
Last Modified: March 28, 2002

Saint Lucie 2

2Q/2001 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/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Unplanned scrams	0	0	0	0	0	1.0	0
Critical hours	2209.0	2184.0	1473.6	2208.0	2209.0	2088.3	2183.0
Indicator value	0.8	0.8	0	0	0	0.9	0.8

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



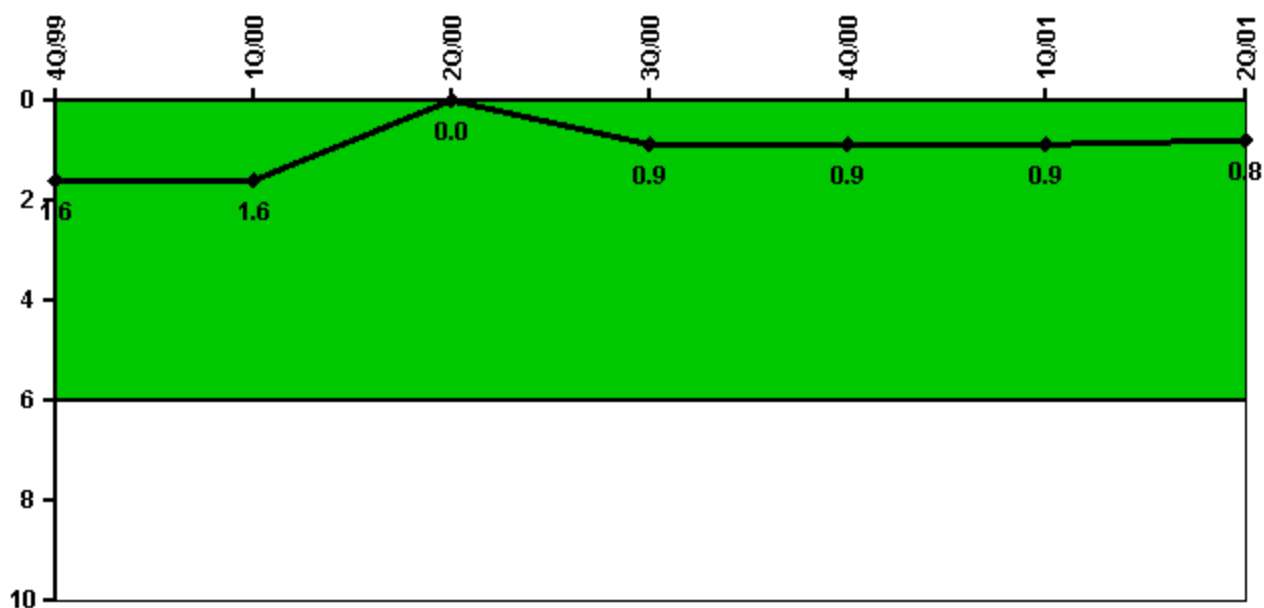
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Scrams	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



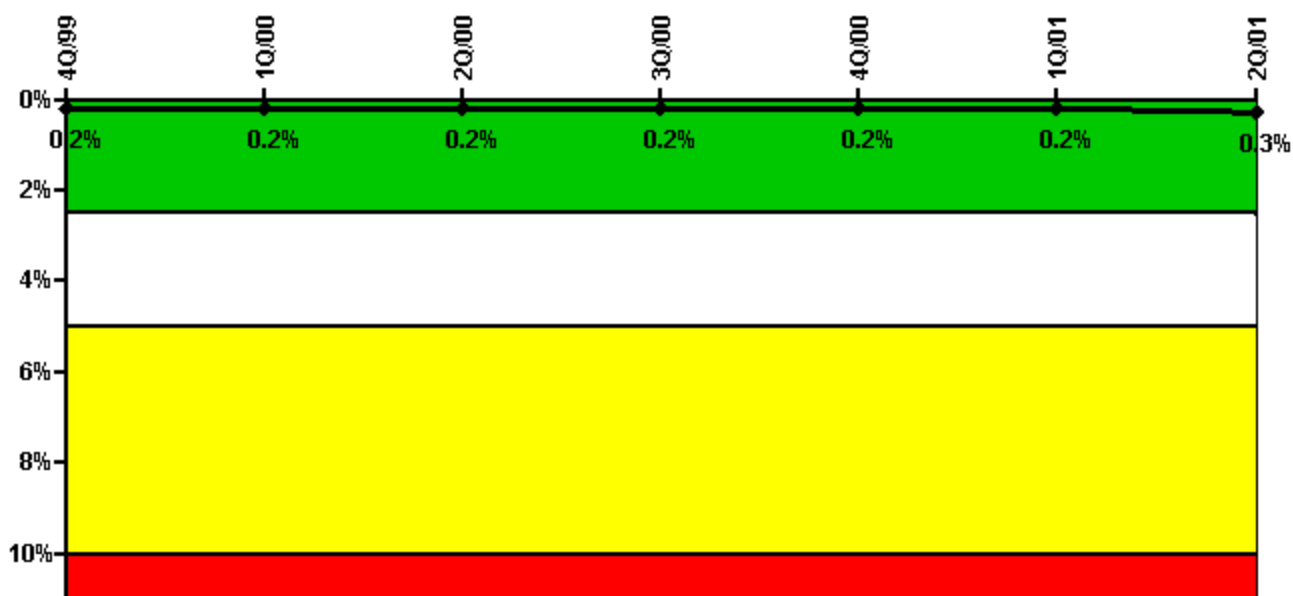
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Unplanned power changes	0	0	0	1.0	0	0	0
Critical hours	2209.0	2184.0	1473.6	2208.0	2209.0	2088.3	2183.0
Indicator value	1.6	1.6	0	0.9	0.9	0.9	0.8

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



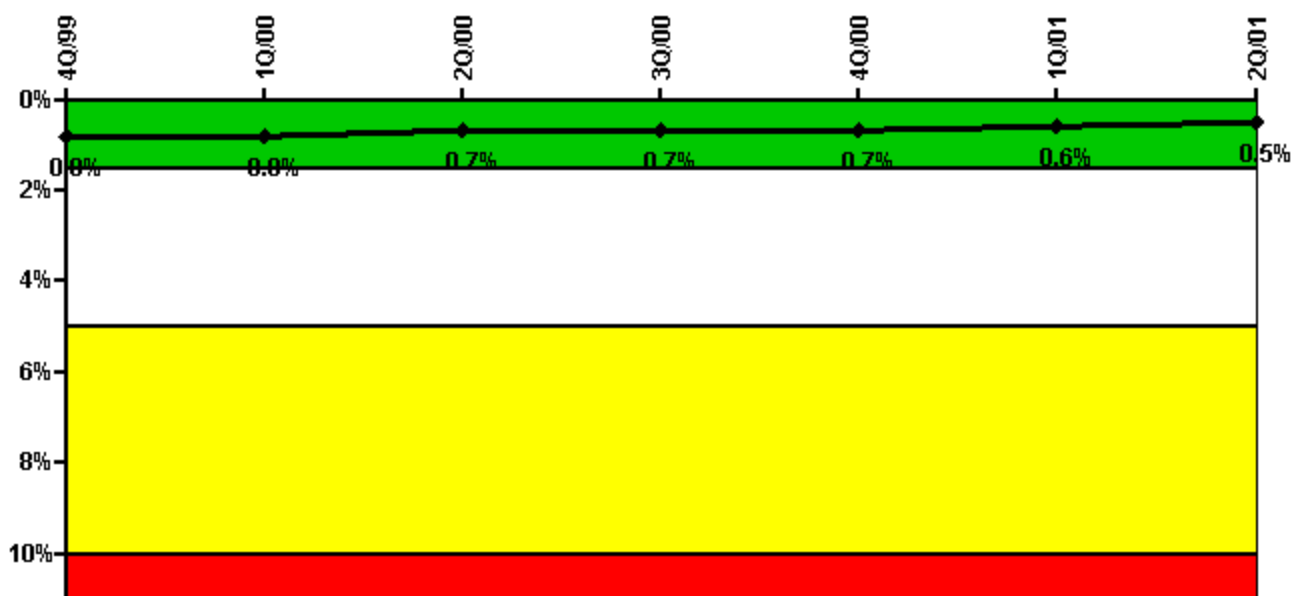
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	0	6.70	2.70	6.30	6.60	7.70	6.90
Unplanned unavailable hours	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	1882.90	2208.00	2209.00	2160.00	2183.00
Train 2							
Planned unavailable hours	0	4.40	3.90	4.20	4.70	5.70	5.80
Unplanned unavailable hours	0	0.40	0	30.60	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	1882.90	2208.00	2209.00	2160.00	2183.00
Indicator value	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.3%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



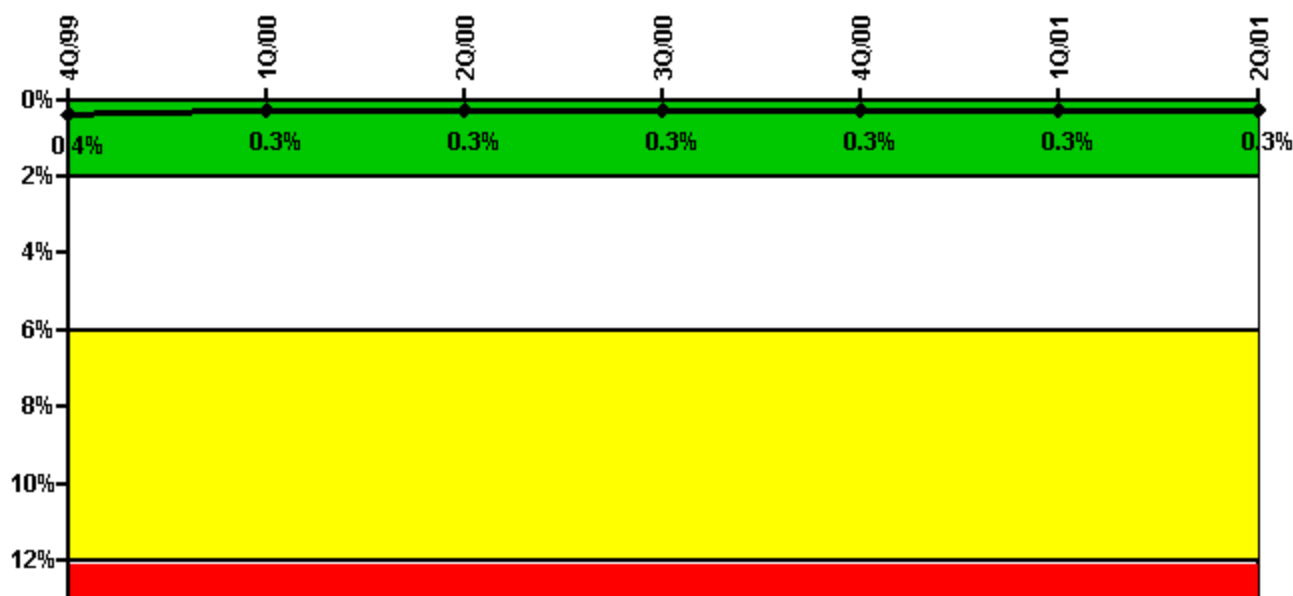
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	1.90	41.90	1.80	2.20	0	0.30	1.00
Unplanned unavailable hours	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	1507.20	2208.00	2209.00	2160.00	2183.00
Train 2							
Planned unavailable hours	3.10	2.40	1.00	3.30	0.90	0.80	0.50
Unplanned unavailable hours	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	1507.20	2208.00	2209.00	2160.00	2183.00
Indicator value	0.8%	0.8%	0.7%	0.7%	0.7%	0.6%	0.5%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



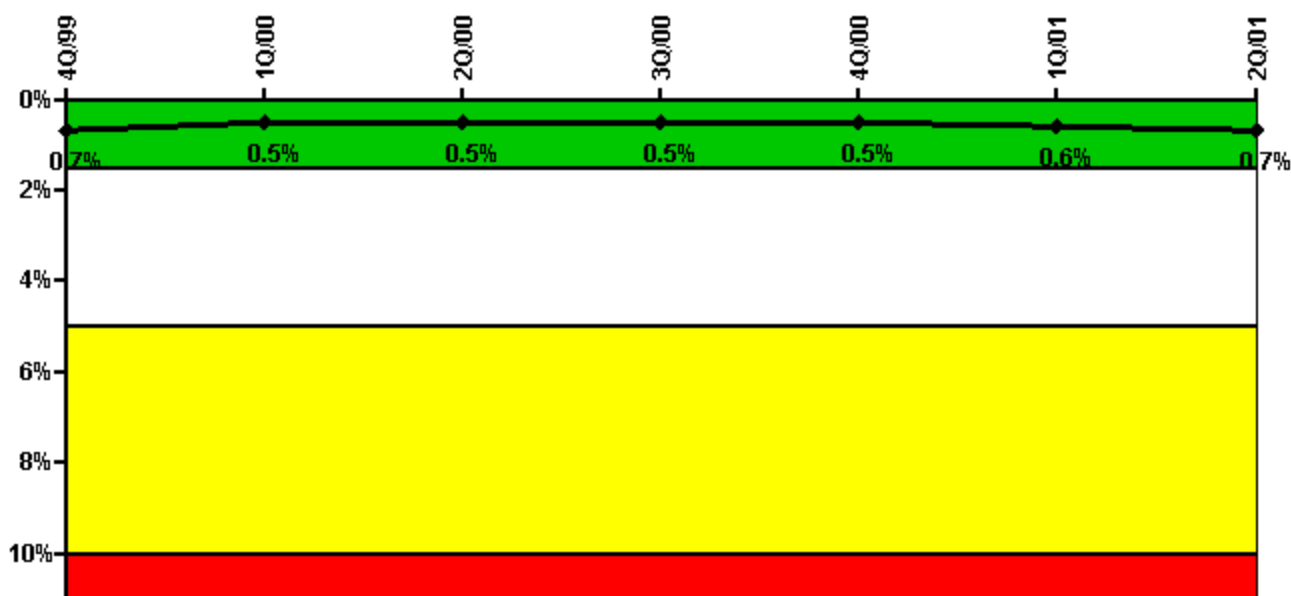
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	13.60	2.33	0	1.03	1.90	4.10	1.50
Unplanned unavailable hours	33.00	0	2.30	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	1474.50	2208.00	2209.00	2160.00	2183.00
Train 2							
Planned unavailable hours	1.50	8.70	0	0	1.80	1.30	1.60
Unplanned unavailable hours	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	1474.50	2208.00	2209.00	2160.00	2183.00
Train 3							
Planned unavailable hours	13.00	2.15	0	2.50	27.90	10.60	6.20
Unplanned unavailable hours	20.00	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	1474.50	2208.00	2209.00	2160.00	2183.00
Indicator value	0.4%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	3.70	48.10	1.80	57.80	0	57.00	1.00
Unplanned unavailable hours	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	1507.20	2208.00	2209.00	2160.00	2183.00
Train 2							
Planned unavailable hours	6.70	1.90	2.50	2.60	15.40	48.30	1.10
Unplanned unavailable hours	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	1507.20	2208.00	2209.00	2160.00	2183.00
Train 3							
Planned unavailable hours	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	0	0	507.30	0	0	0	0
Train 4							
Planned unavailable hours	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	0	0	507.30	0	0	0	0
Indicator value	0.7%	0.5%	0.5%	0.5%	0.5%	0.6%	0.7%

Licensee Comments:

2Q/00: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

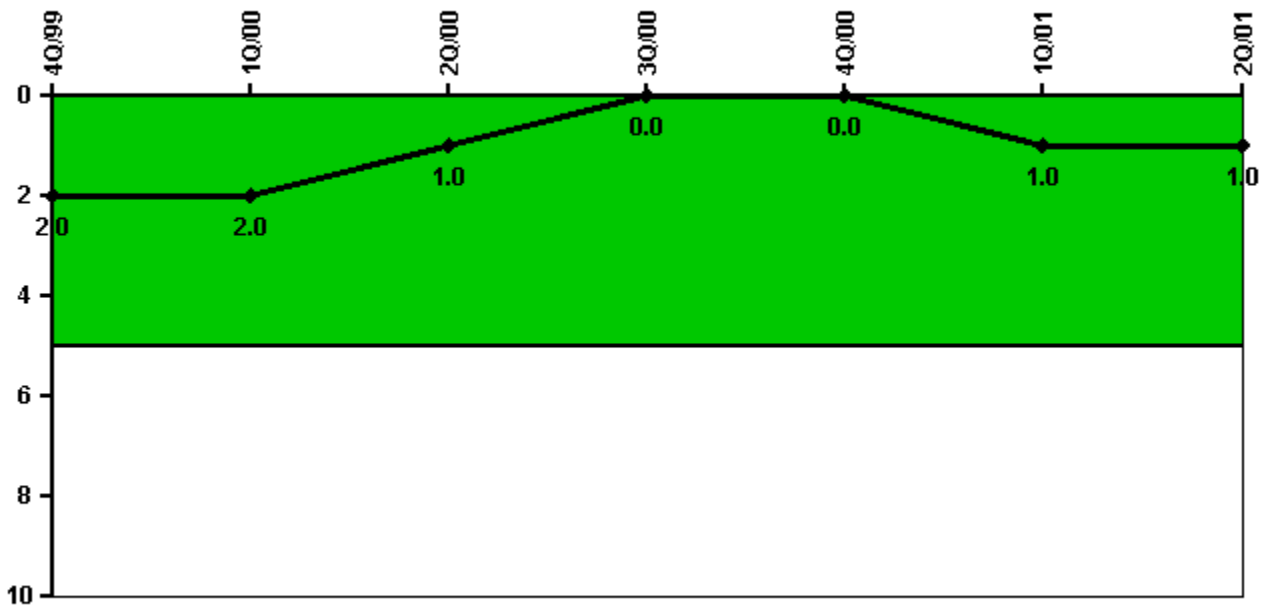
4Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

3Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

2Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

1Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

Safety System Functional Failures (PWR)



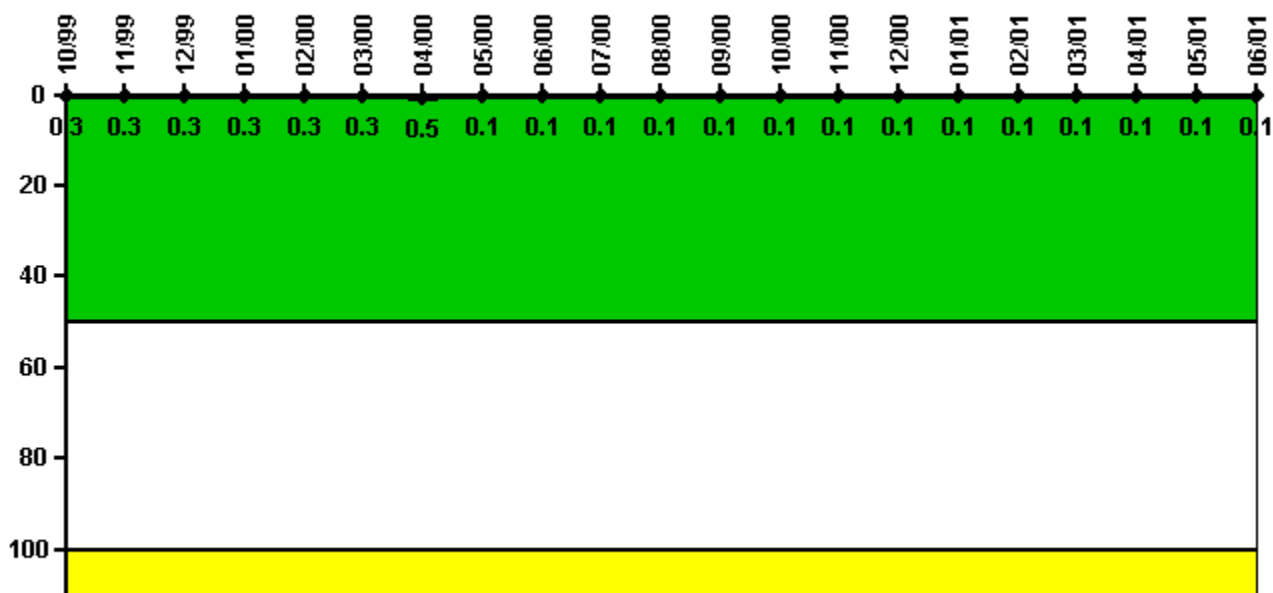
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Safety System Functional Failures	0	0	0	0	0	1	0
Indicator value	2	2	1	0	0	1	1

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

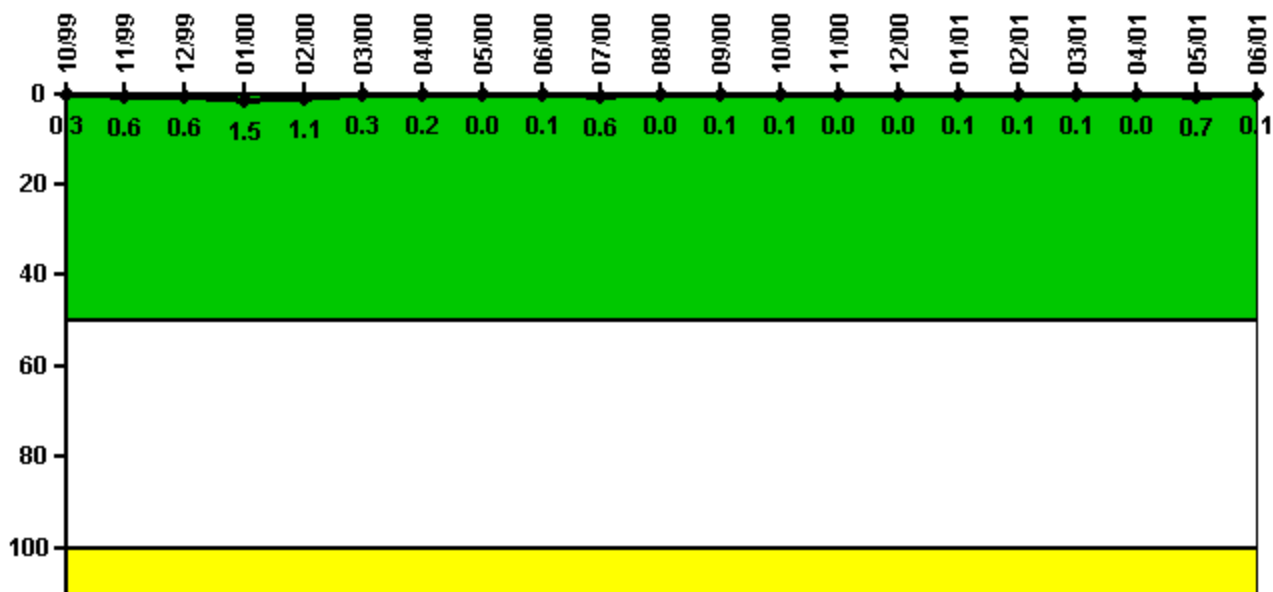
Notes

Reactor Coolant System Activity	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum activity	0.003000	0.002700	0.003000	0.002860	0.002830	0.002940	0.005270	0.000872	0.001050	0.000927	0.001010	0.001020
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.1	0.1	0.1	0.1	0.1

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum activity	0.001150	0.001050	0.001150	0.001230	0.001170	0.001310	0.001270	0.001300	0.001440
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	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

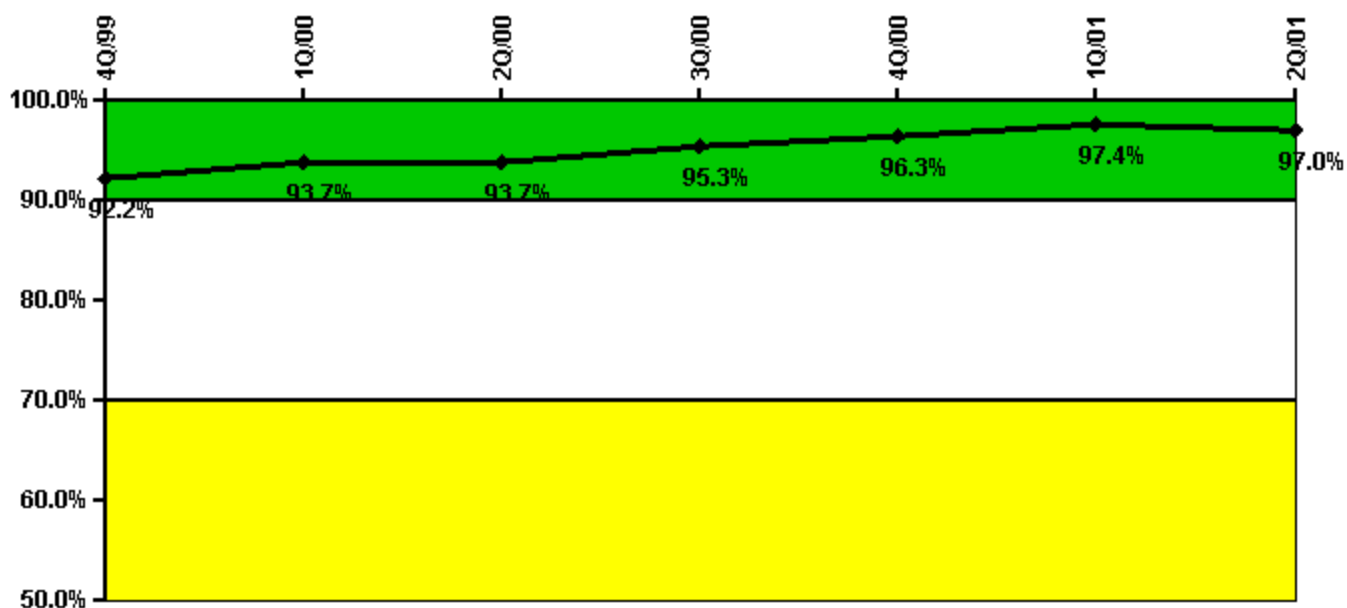
Notes

Reactor Coolant System Leakage	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum leakage	0.030	0.060	0.060	0.150	0.110	0.030	0.020	0	0.010	0.060	0	0.010
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.6	0.6	1.5	1.1	0.3	0.2	0	0.1	0.6	0	0.1

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum leakage	0.010	0	0	0.010	0.010	0.010	0	0.070	0.010
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0	0	0.1	0.1	0.1	0	0.7	0.1

Licensee Comments: none

Drill/Exercise Performance



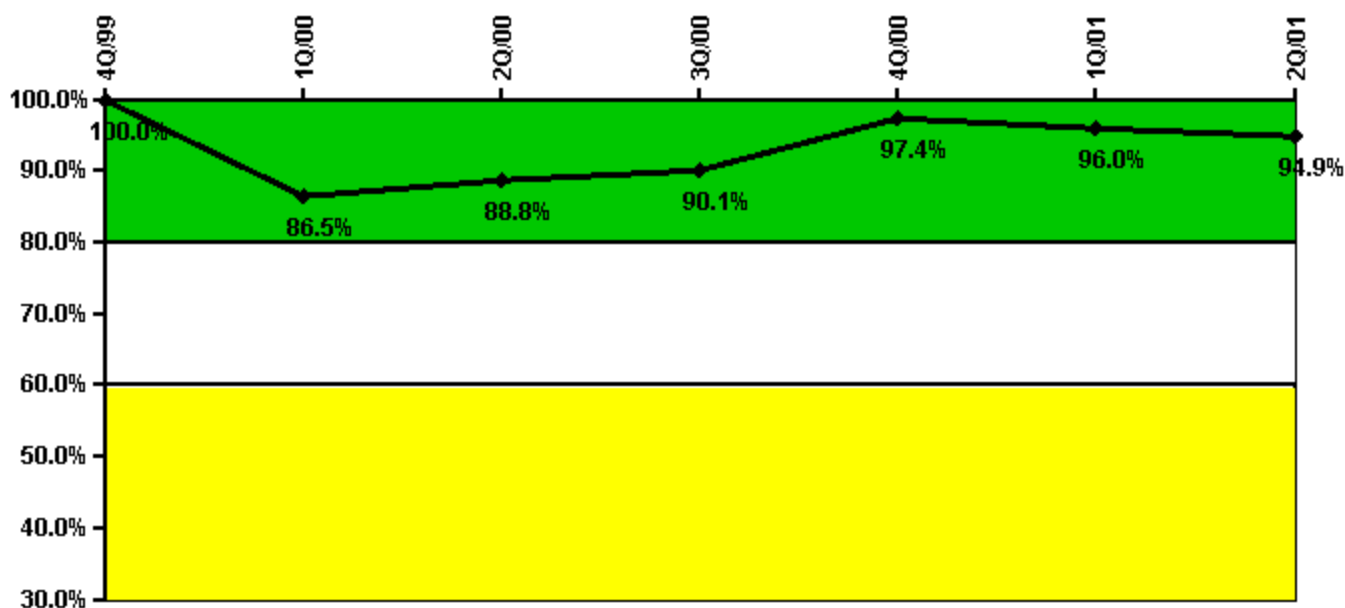
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Successful opportunities	98.0	26.0	8.0	65.0	127.0	8.0	37.0
Total opportunities	100.0	27.0	9.0	65.0	130.0	8.0	41.0
Indicator value	92.2%	93.7%	93.7%	95.3%	96.3%	97.4%	97.0%

Licensee Comments: none

ERO Drill Participation



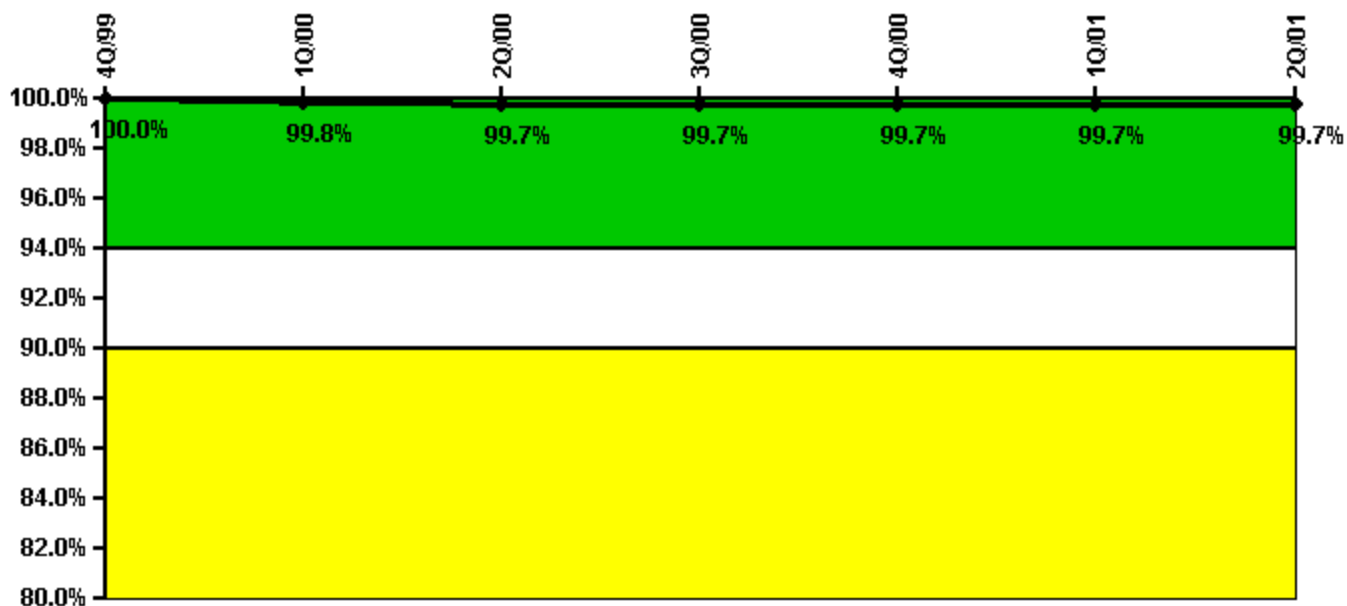
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Participating Key personnel	85.0	77.0	71.0	73.0	75.0	72.0	75.0
Total Key personnel	85.0	89.0	80.0	81.0	77.0	75.0	79.0
Indicator value	100.0%	86.5%	88.8%	90.1%	97.4%	96.0%	94.9%

Licensee Comments: none

Alert & Notification System



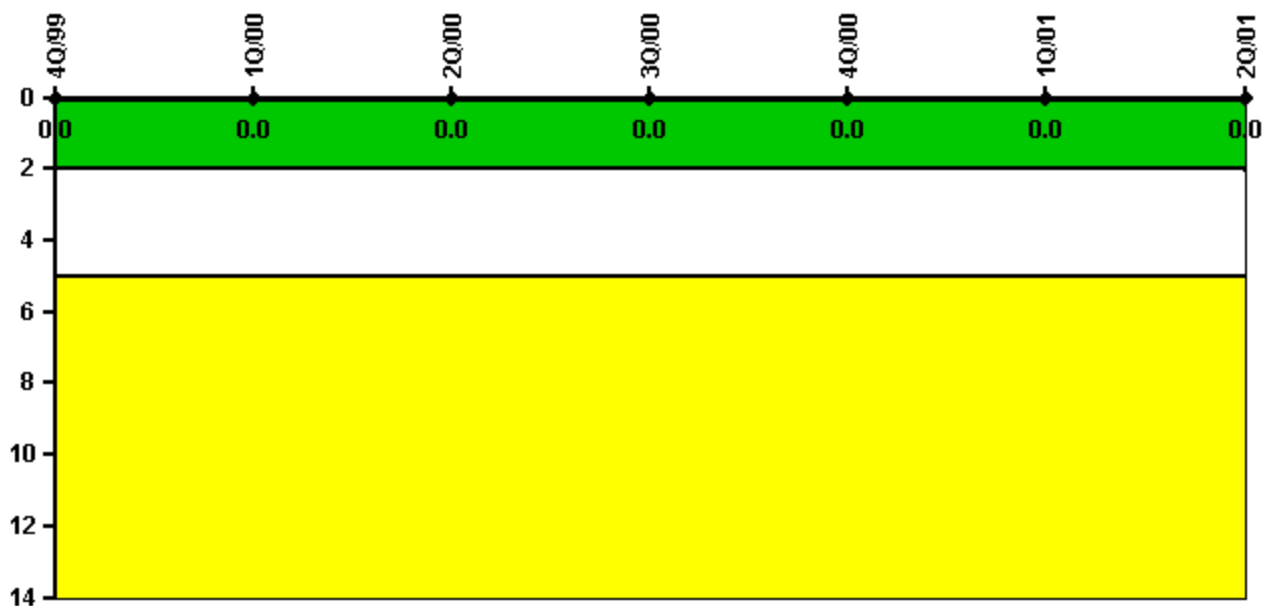
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Successful siren-tests	696	606	519	694	522	607	521
Total sirens-tests	696	609	522	696	522	609	523
Indicator value	100.0%	99.8%	99.7%	99.7%	99.7%	99.7%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



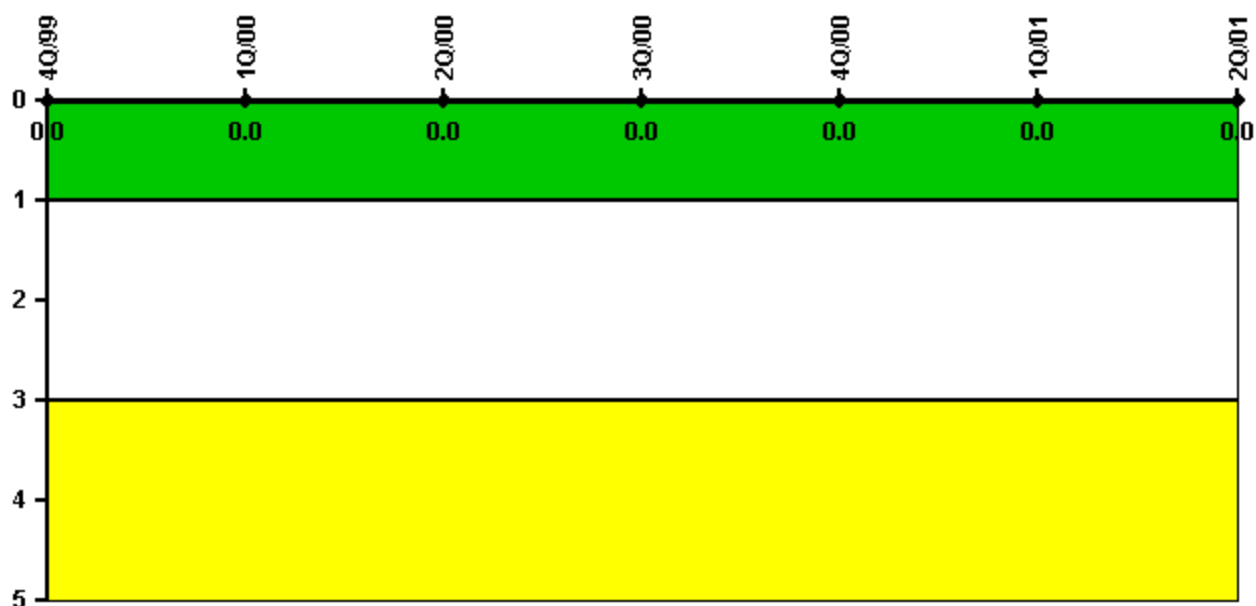
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
High radiation area occurrences	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



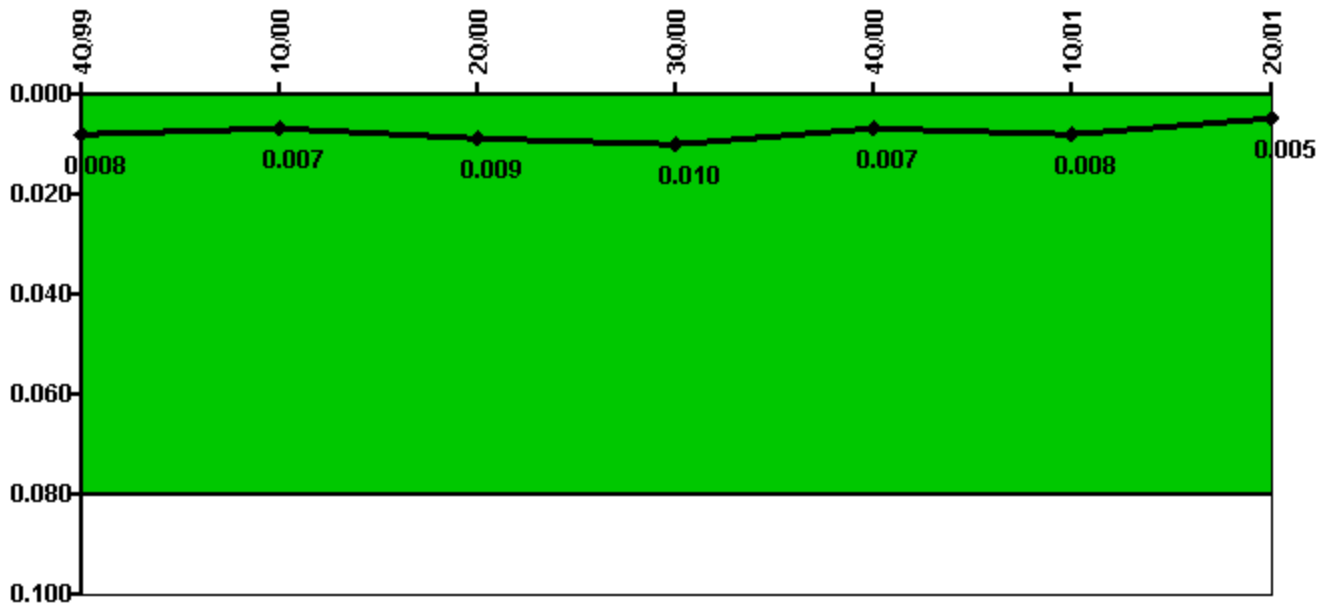
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
RETS/ODCM occurrences	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index



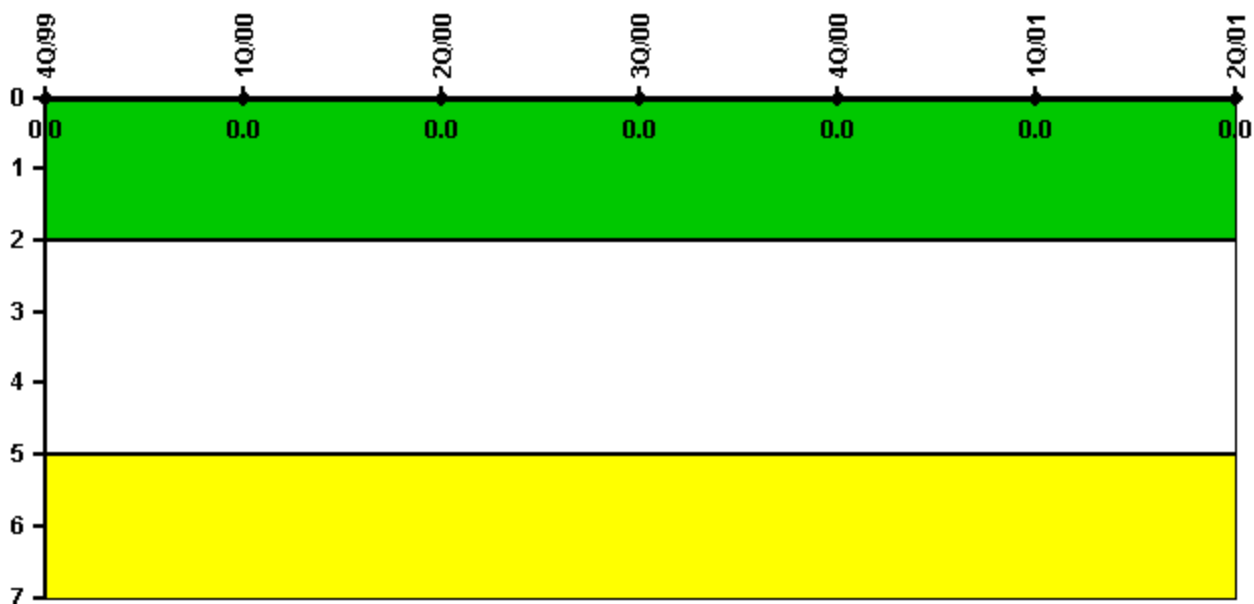
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
IDS compensatory hours	112.10	0	99.00	106.00	25.60	12.75	0
CCTV compensatory hours	0	0	1.5	0	0	0	0
IDS normalization factor	1.80	1.80	1.80	1.80	1.80	1.80	1.80
CCTV normalization factor	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Index Value	0.008	0.007	0.009	0.010	0.007	0.008	0.005

Licensee Comments: none

Personnel Screening Program



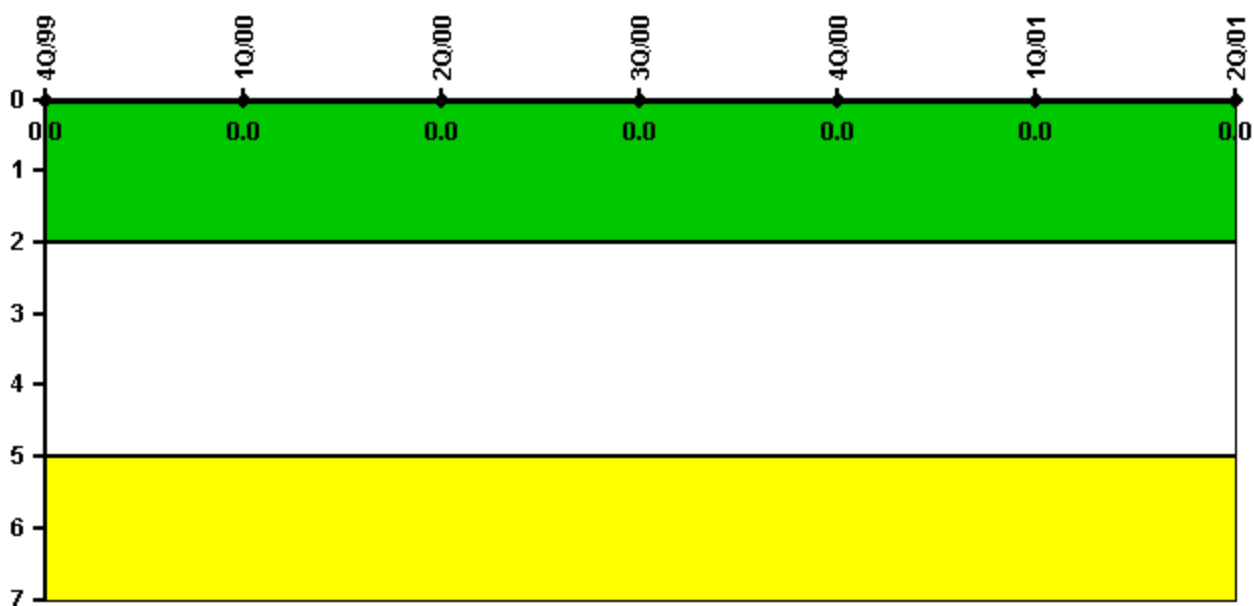
Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Program failures	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Program Failures	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0

Licensee Comments: none

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

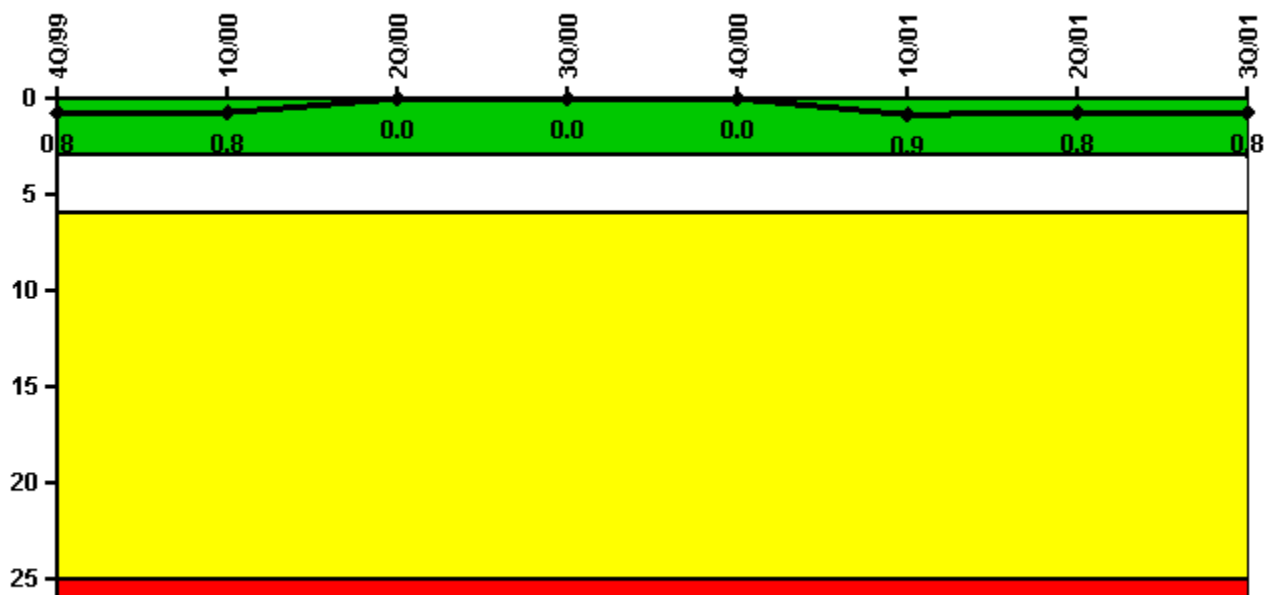
Last Modified: March 27, 2002

Saint Lucie 2

3Q/2001 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/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Unplanned scrams	0	0	0	0	0	1.0	0	0
Critical hours	2209.0	2184.0	1473.6	2208.0	2209.0	2088.3	2183.0	2208.0
Indicator value	0.8	0.8	0	0	0	0.9	0.8	0.8

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



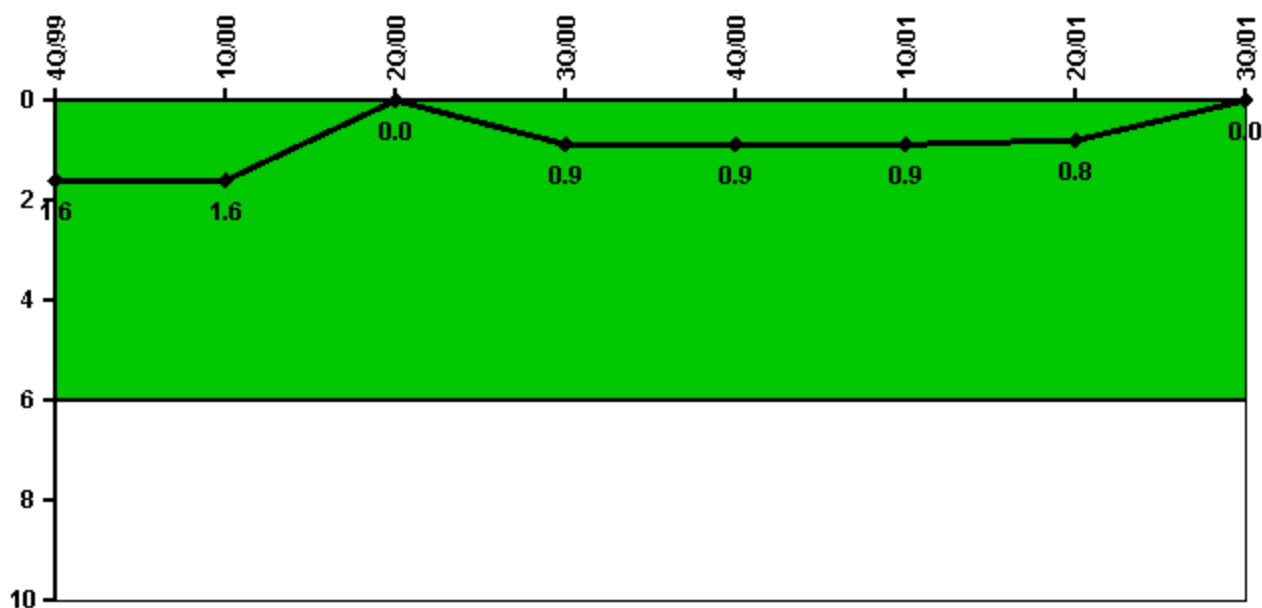
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
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



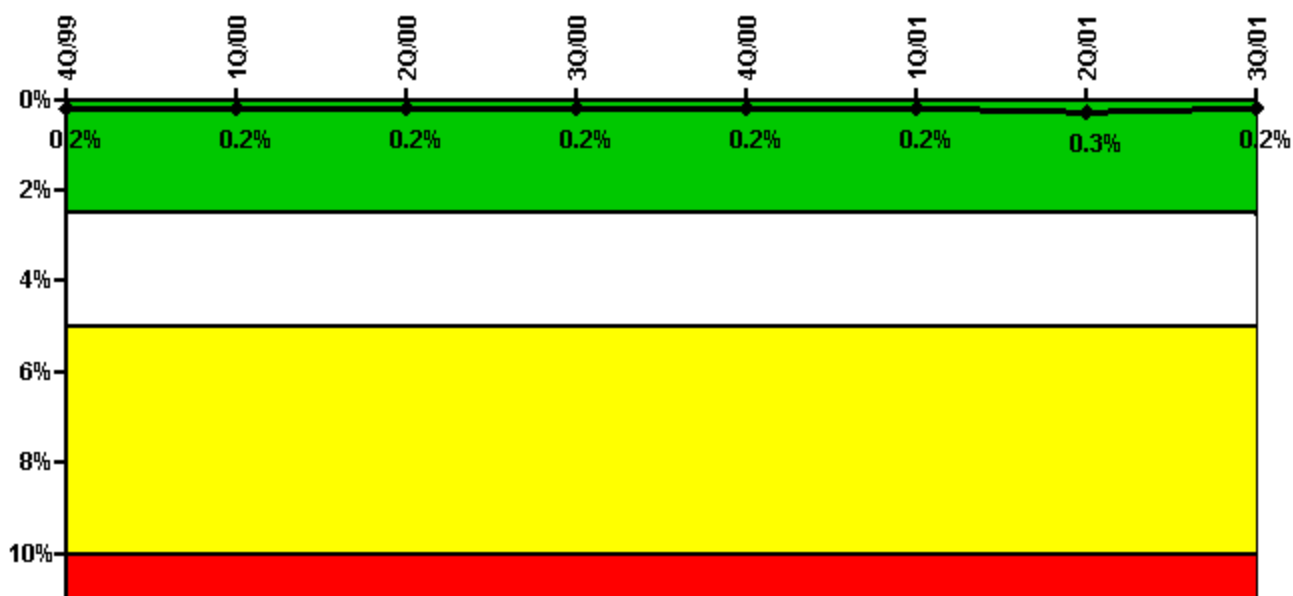
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Unplanned power changes	0	0	0	1.0	0	0	0	0
Critical hours	2209.0	2184.0	1473.6	2208.0	2209.0	2088.3	2183.0	2208.0
Indicator value	1.6	1.6	0	0.9	0.9	0.9	0.8	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1								
Planned unavailable hours	0	6.70	2.70	6.30	6.60	7.70	6.90	4.20
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	1882.90	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	0	4.40	3.90	4.20	4.70	5.70	5.80	4.30
Unplanned unavailable hours	0	0.40	0	30.60	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	1882.90	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.3%	0.2%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



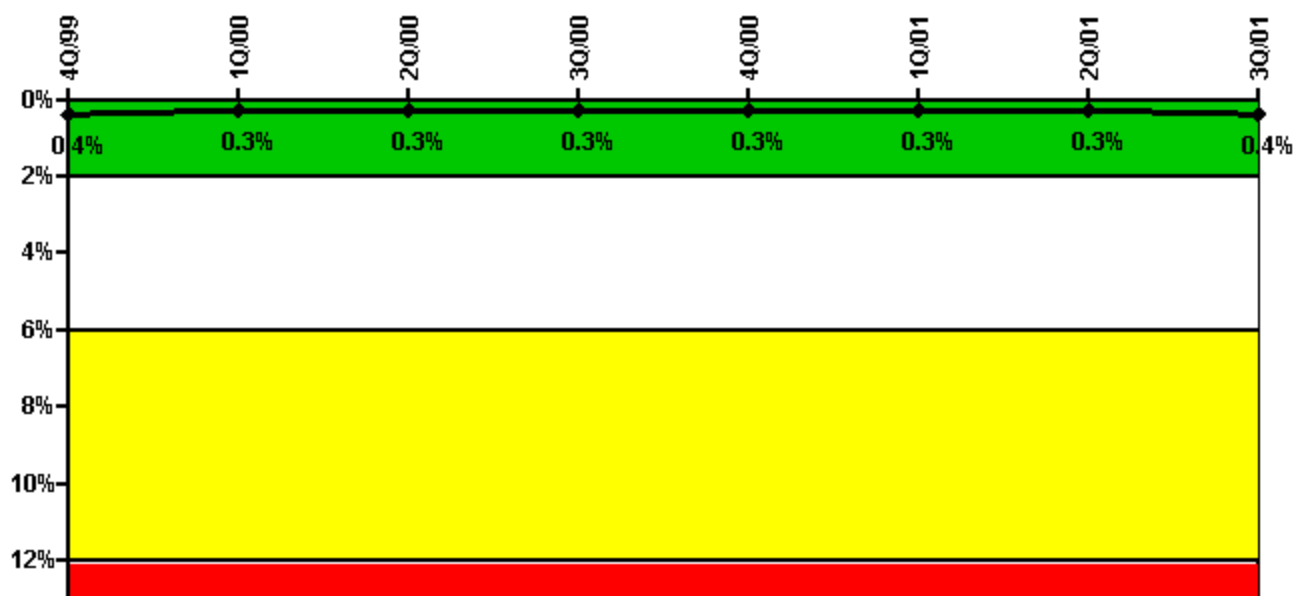
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1								
Planned unavailable hours	1.90	41.90	1.80	2.20	0	0.30	1.00	0.50
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	1507.20	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	3.10	2.40	1.00	3.30	0.90	0.80	0.50	0.80
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	1507.20	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	0.8%	0.8%	0.7%	0.7%	0.7%	0.6%	0.5%	0.5%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



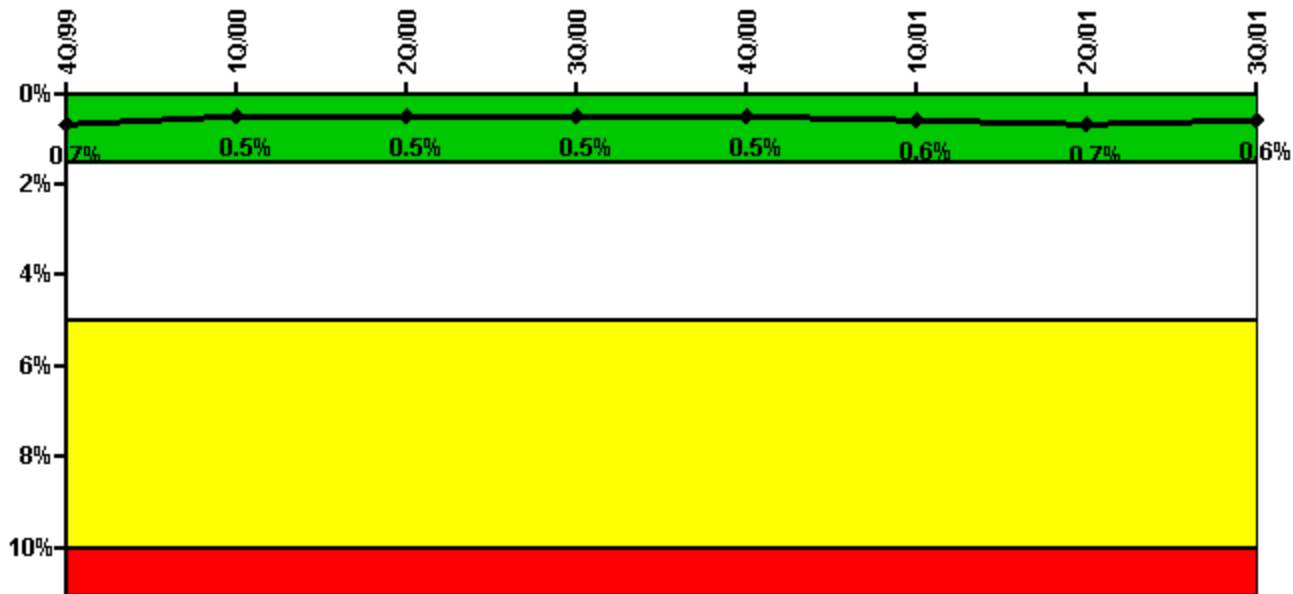
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1								
Planned unavailable hours	13.60	2.33	0	1.03	1.90	4.10	1.50	16.10
Unplanned unavailable hours	33.00	0	2.30	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	1474.50	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	1.50	8.70	0	0	1.80	1.30	1.60	15.40
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	1474.50	2208.00	2209.00	2160.00	2183.00	2208.00
Train 3								
Planned unavailable hours	13.00	2.15	0	2.50	27.90	10.60	6.20	38.60
Unplanned unavailable hours	20.00	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	1474.50	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	0.4%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.4%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1								
Planned unavailable hours	3.70	48.10	1.80	57.80	0	57.00	1.00	0.50
Unplanned unavailable hours	0	0	0	0	0	0	0	40.80
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	1507.20	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	6.70	1.90	2.50	2.60	15.40	48.30	1.10	0.80
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	1507.20	2208.00	2209.00	2160.00	2183.00	2208.00
Train 3								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	0	507.30	0	0	0	0	0
Train 4								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	0	507.30	0	0	0	0	0
Indicator value	0.7%	0.5%	0.5%	0.5%	0.5%	0.6%	0.7%	0.6%

Licensee Comments:

2Q/00: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

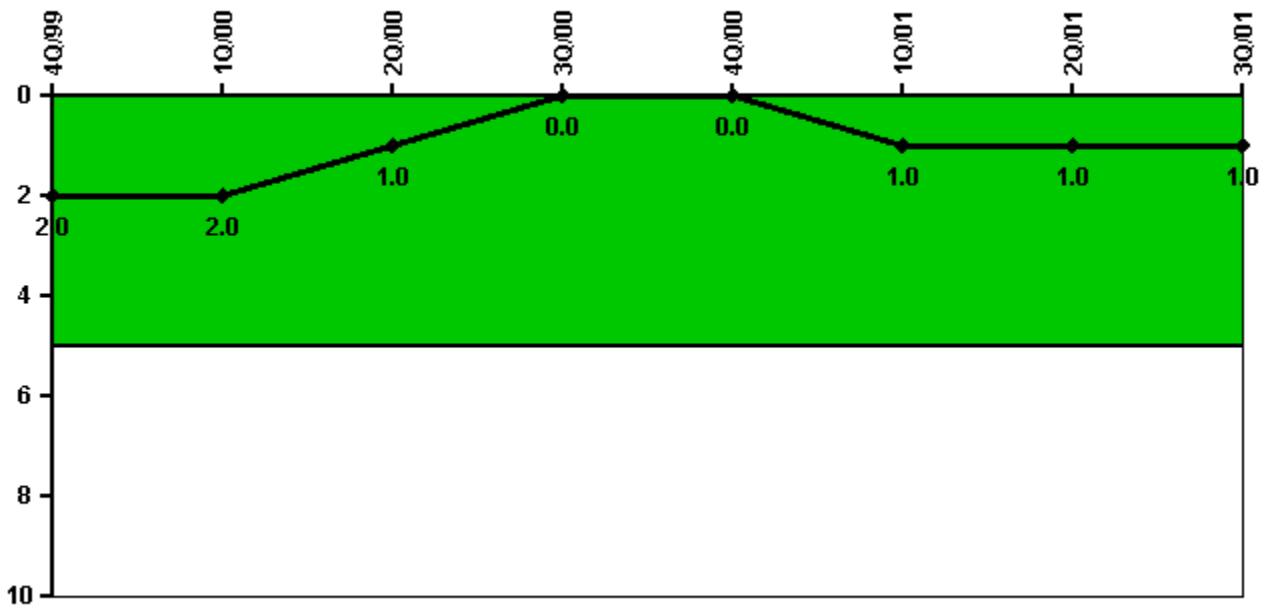
4Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

3Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

2Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

1Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

Safety System Functional Failures (PWR)



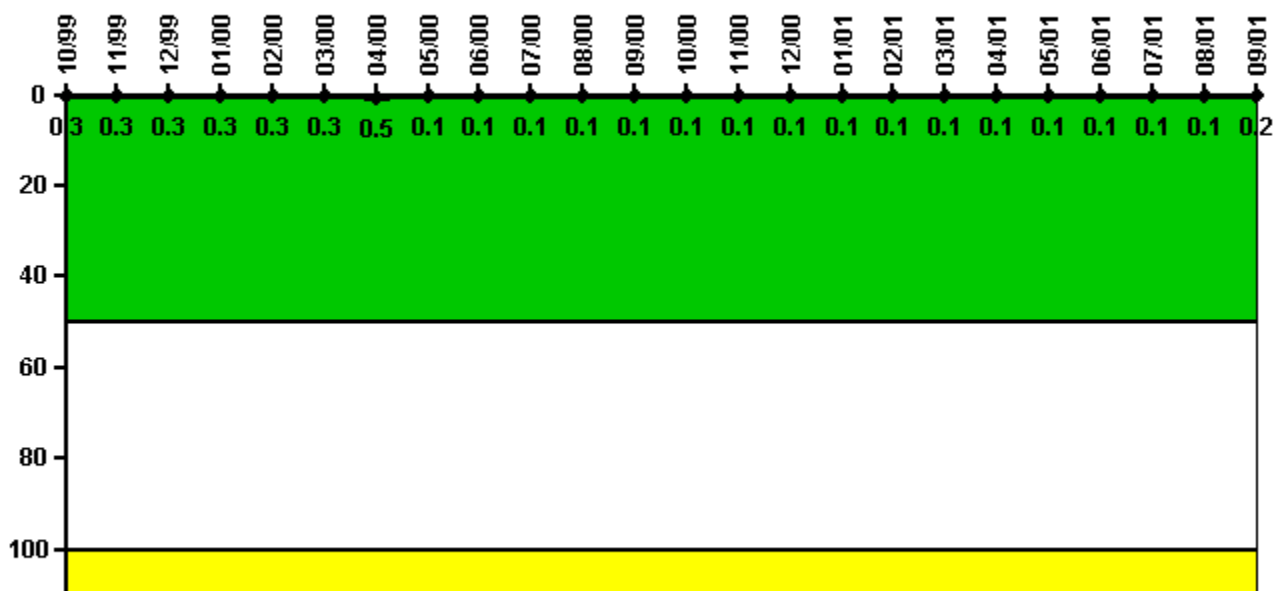
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Safety System Functional Failures	0	0	0	0	0	1	0	0
Indicator value	2	2	1	0	0	1	1	1

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

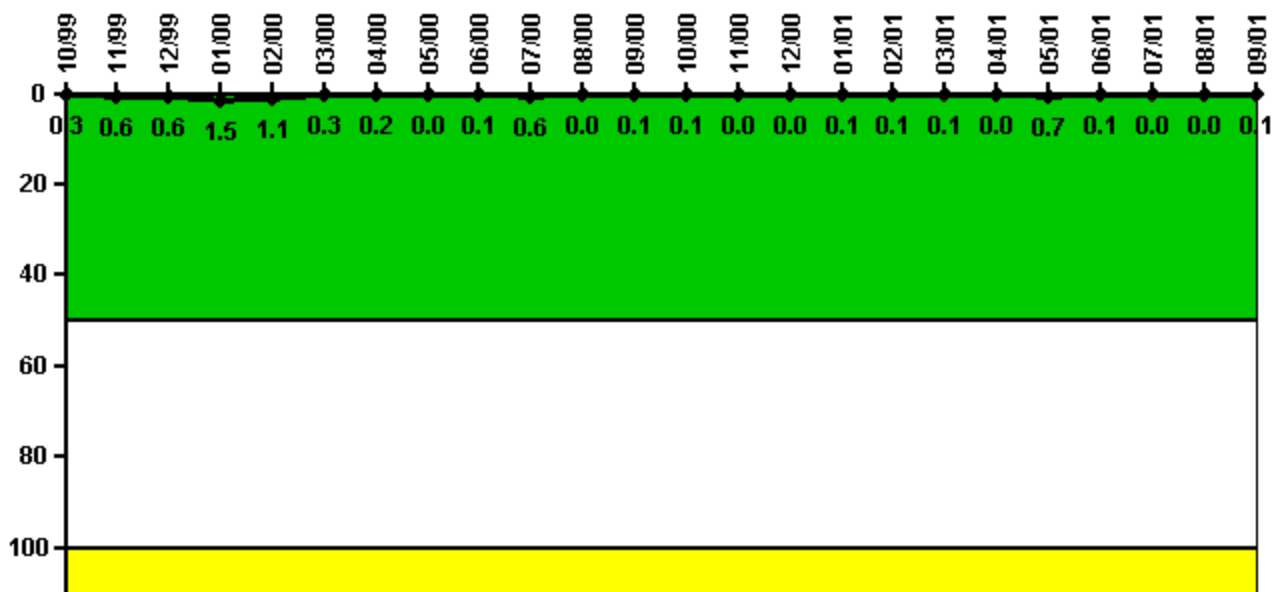
Notes

Reactor Coolant System Activity	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum activity	0.003000	0.002700	0.003000	0.002860	0.002830	0.002940	0.005270	0.000872	0.001050	0.000927	0.001010	0.001020
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.1	0.1	0.1	0.1	0.1

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01
Maximum activity	0.001150	0.001050	0.001150	0.001230	0.001170	0.001310	0.001270	0.001300	0.001440	0.001310	0.001460	0.001520
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

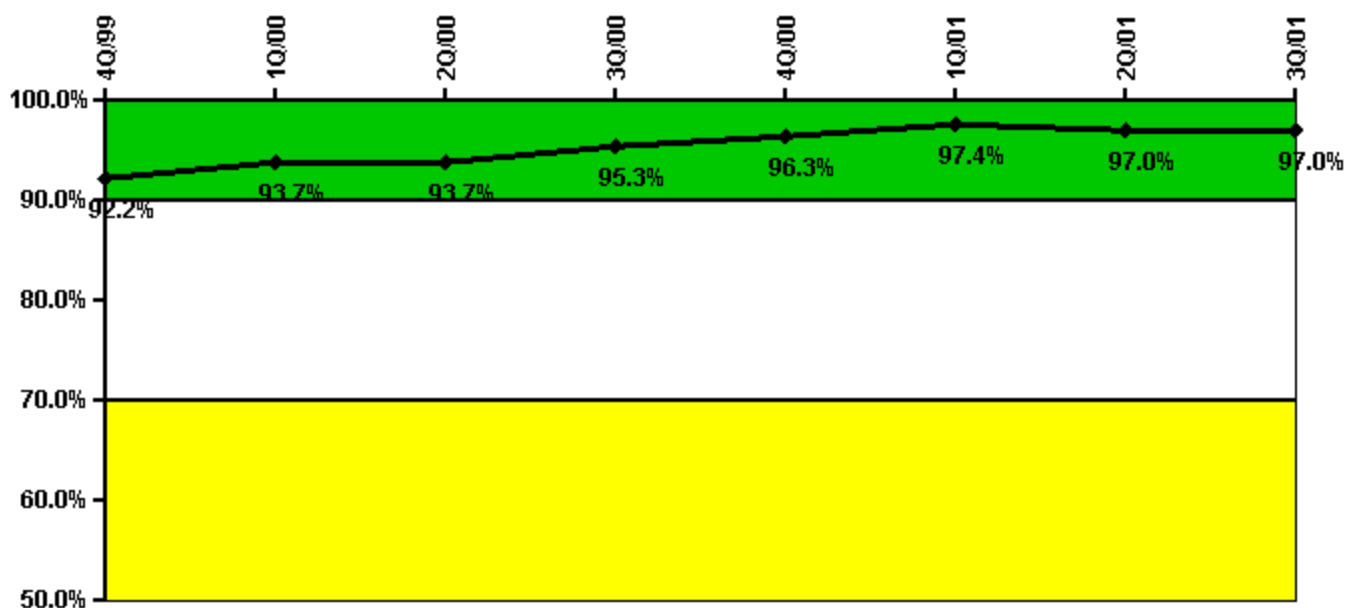
Notes

Reactor Coolant System Leakage	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum leakage	0.030	0.060	0.060	0.150	0.110	0.030	0.020	0	0.010	0.060	0	0.010
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.6	0.6	1.5	1.1	0.3	0.2	0	0.1	0.6	0	0.1

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01
Maximum leakage	0.010	0	0	0.010	0.010	0.010	0	0.070	0.010	0	0	0.010
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0	0	0.1	0.1	0.1	0	0.7	0.1	0	0	0.1

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

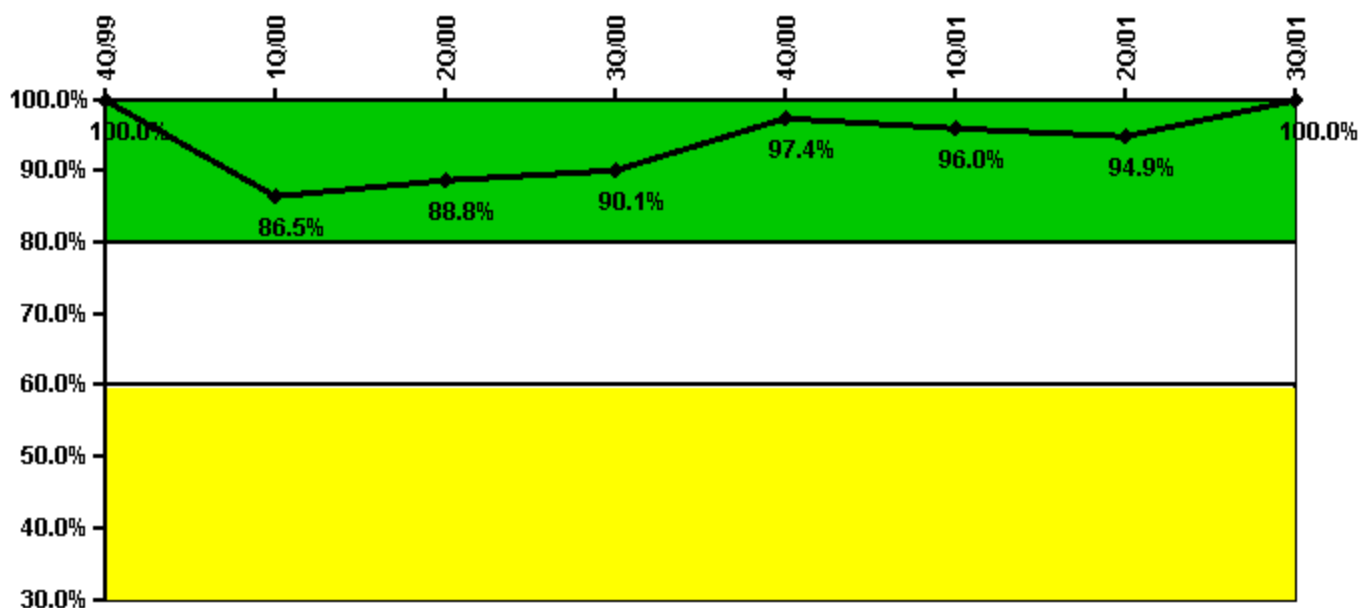
Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Successful opportunities	98.0	26.0	8.0	65.0	127.0	8.0	37.0	82.0
Total opportunities	100.0	27.0	9.0	65.0	130.0	8.0	41.0	85.0
Indicator value	92.2%	93.7%	93.7%	95.3%	96.3%	97.4%	97.0%	97.0%

Licensee Comments:

3Q/01: Minor correction made to 2Q01 data due to incorrect counting of drill opportunities.

ERO Drill Participation



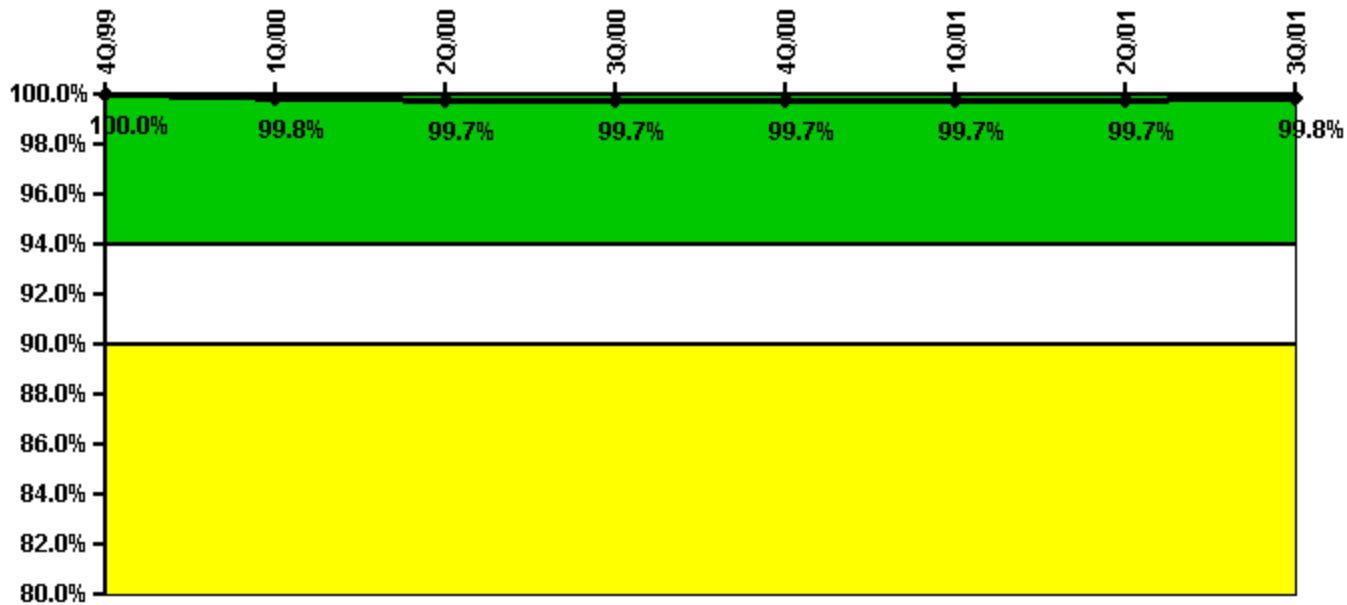
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Participating Key personnel	85.0	77.0	71.0	73.0	75.0	72.0	75.0	79.0
Total Key personnel	85.0	89.0	80.0	81.0	77.0	75.0	79.0	79.0
Indicator value	100.0%	86.5%	88.8%	90.1%	97.4%	96.0%	94.9%	100.0%

Licensee Comments: none

Alert & Notification System



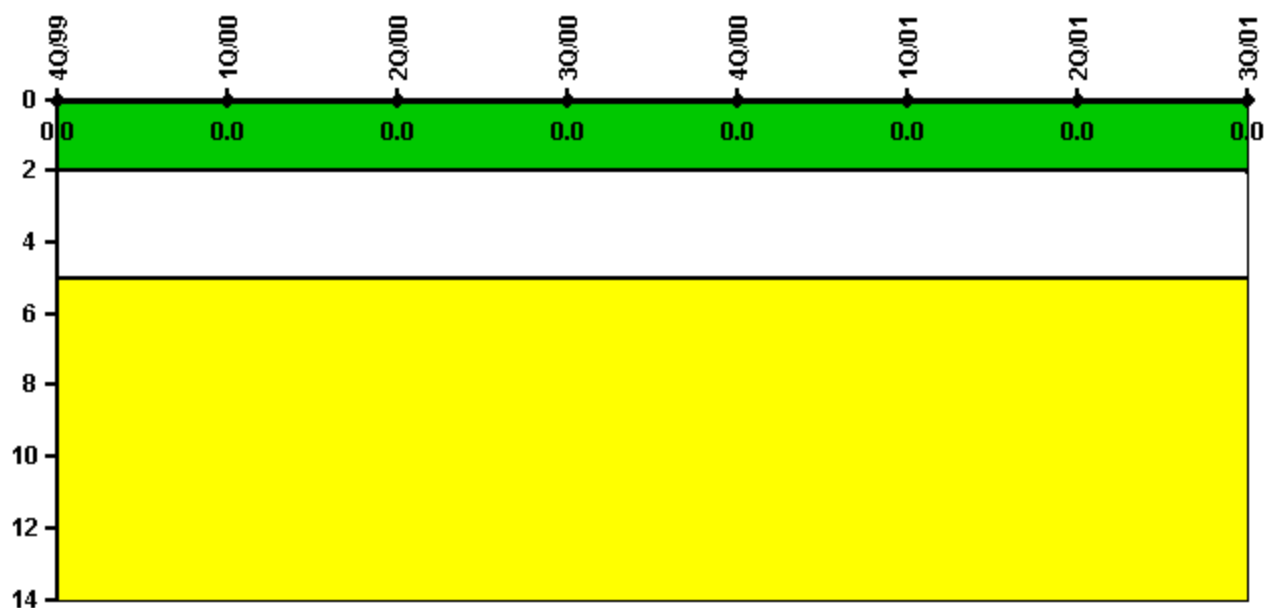
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Successful siren-tests	696	606	519	694	522	607	521	703
Total sirens-tests	696	609	522	696	522	609	523	704
Indicator value	100.0%	99.8%	99.7%	99.7%	99.7%	99.7%	99.7%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
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



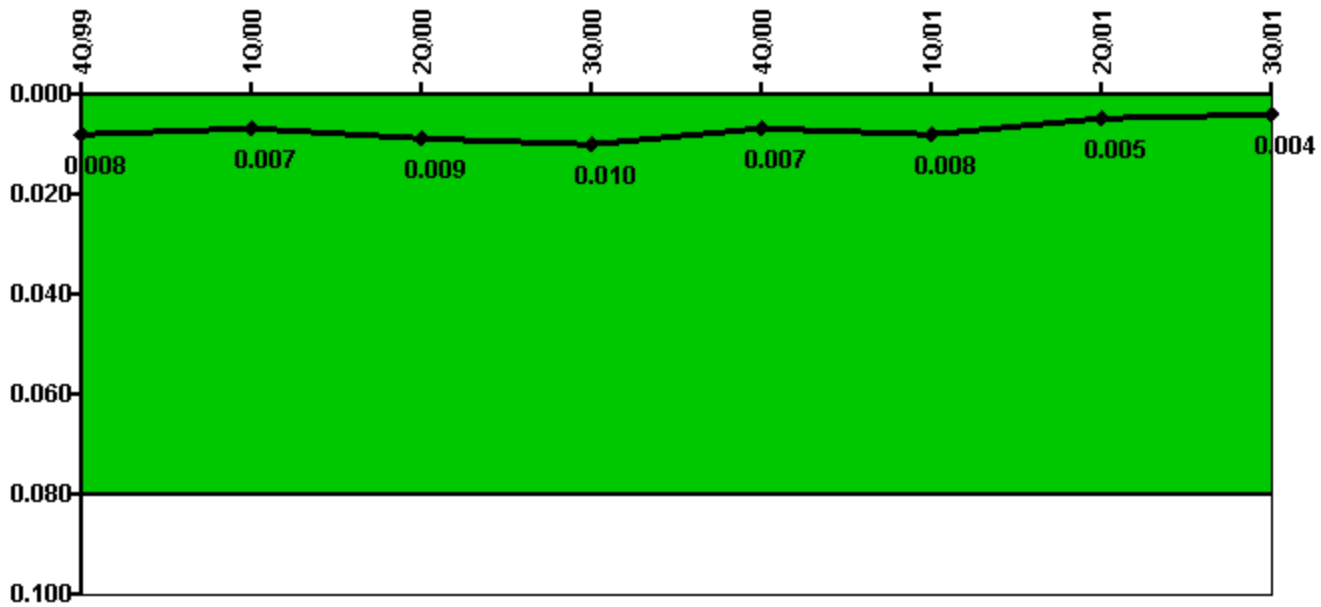
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index



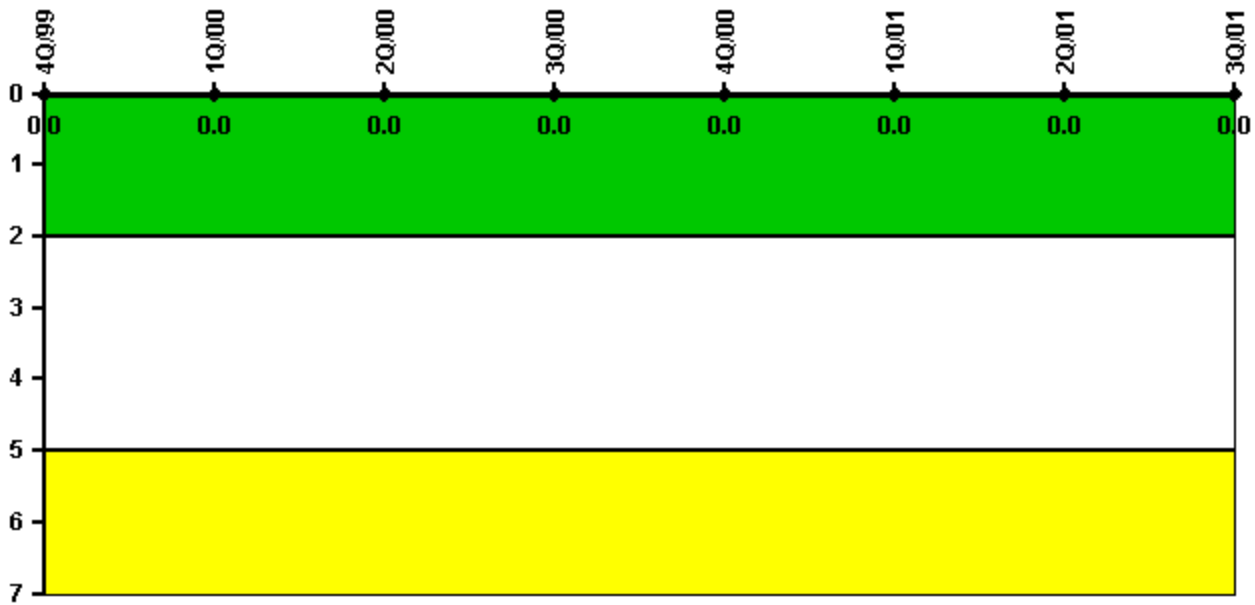
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
IDS compensatory hours	112.10	0	99.00	106.00	25.60	12.75	0	81.20
CCTV compensatory hours	0	0	1.5	0	0	0	0	0
IDS normalization factor	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80
CCTV normalization factor	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Index Value	0.008	0.007	0.009	0.010	0.007	0.008	0.005	0.004

Licensee Comments: none

Personnel Screening Program



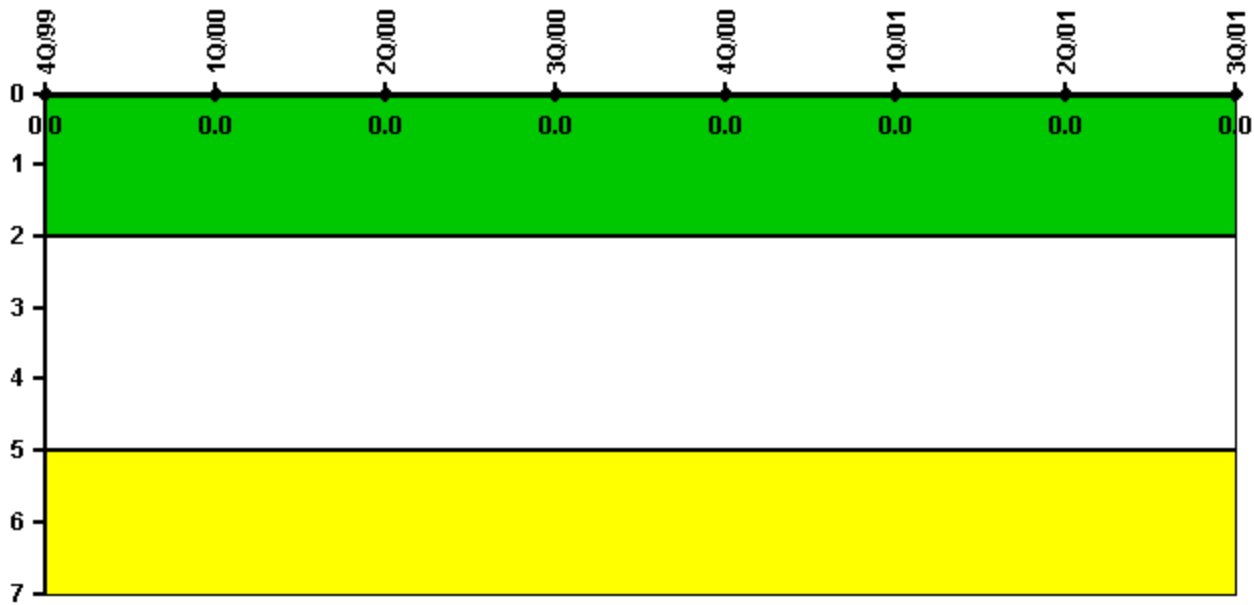
Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Program failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Program Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

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

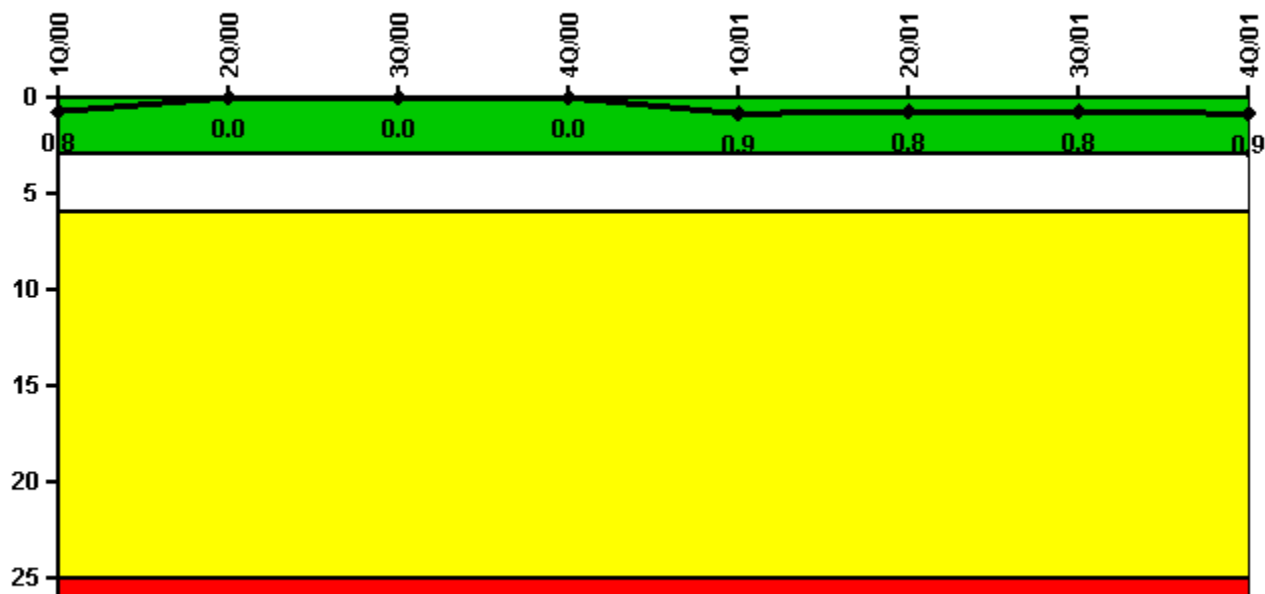
Last Modified: March 26, 2002

Saint Lucie 2

4Q/2001 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	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Unplanned scrams	0	0	0	0	1.0	0	0	0
Critical hours	2184.0	1473.6	2208.0	2209.0	2088.3	2183.0	2208.0	1567.0
Indicator value	0.8	0	0	0	0.9	0.8	0.8	0.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



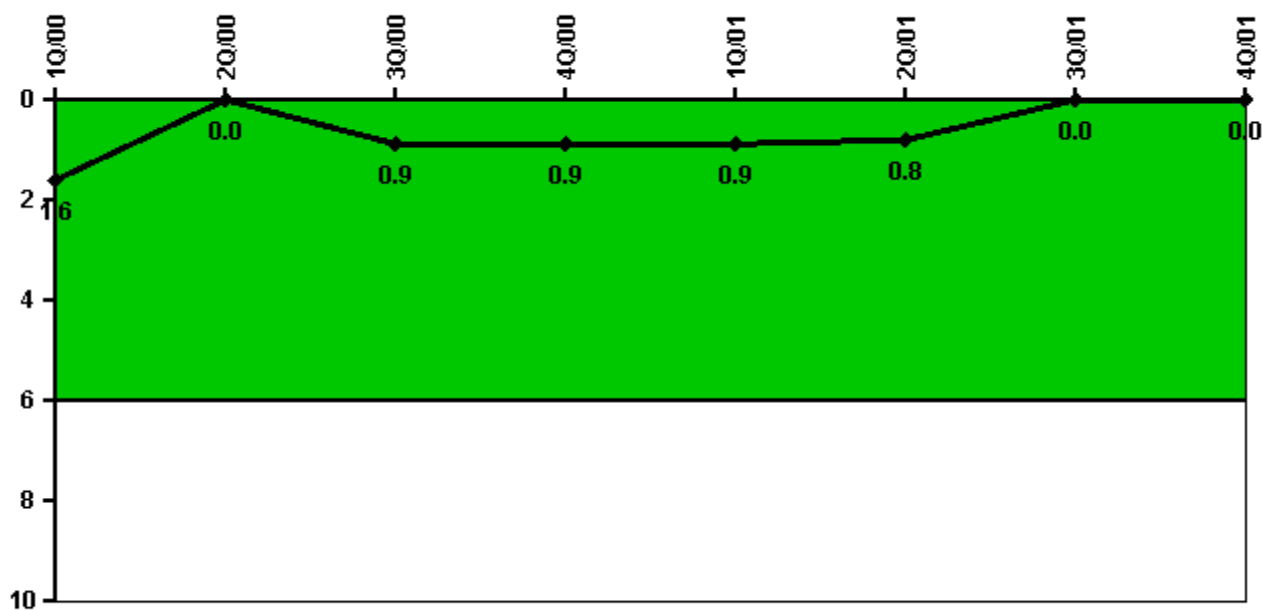
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
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



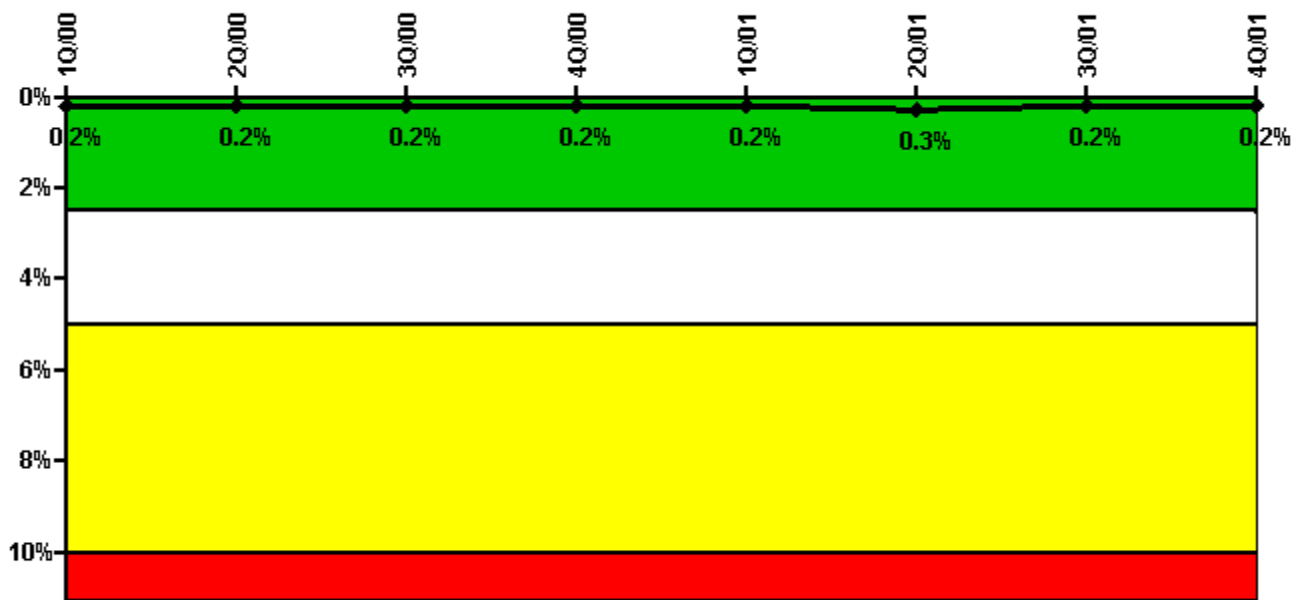
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Unplanned power changes	0	0	1.0	0	0	0	0	0
Critical hours	2184.0	1473.6	2208.0	2209.0	2088.3	2183.0	2208.0	1567.0
Indicator value	1.6	0	0.9	0.9	0.9	0.8	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



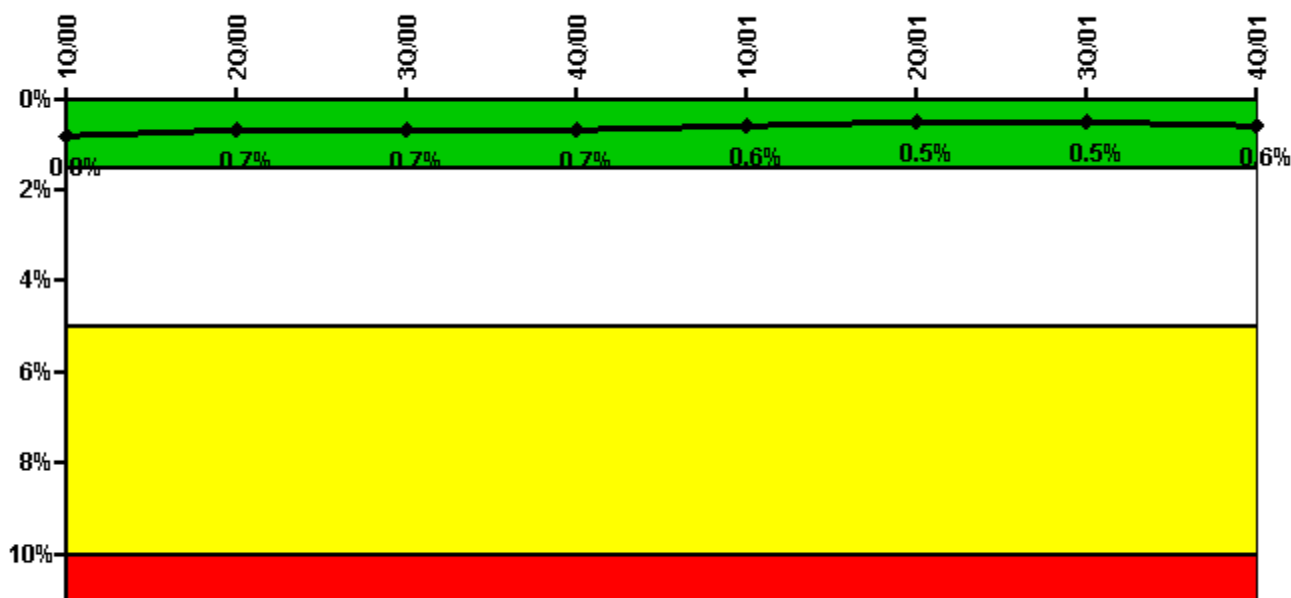
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	6.70	2.70	6.30	6.60	7.70	6.90	4.20	3.60
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	1882.90	2208.00	2209.00	2160.00	2183.00	2208.00	1941.00
Train 2								
Planned unavailable hours	4.40	3.90	4.20	4.70	5.70	5.80	4.30	3.60
Unplanned unavailable hours	0.40	0	30.60	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	1882.90	2208.00	2209.00	2160.00	2183.00	2208.00	1941.00
Indicator value	0.2%	0.2%	0.2%	0.2%	0.2%	0.3%	0.2%	0.2%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



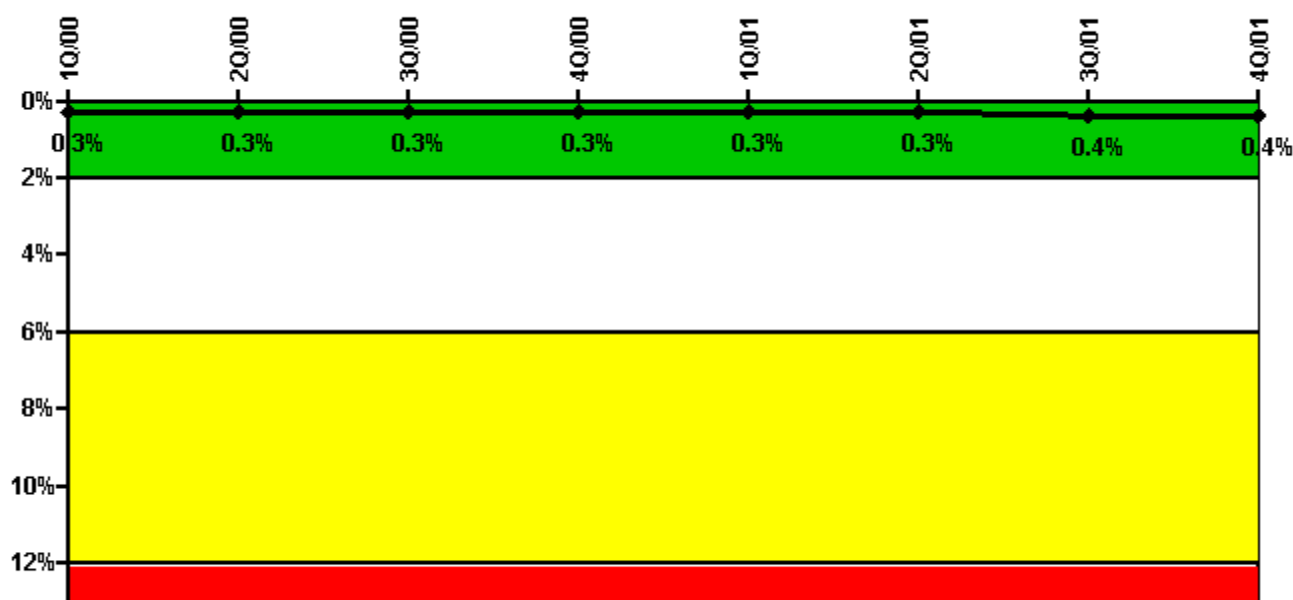
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	41.90	1.80	2.20	0	0.30	1.00	0.50	32.30
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	1507.20	2208.00	2209.00	2160.00	2183.00	2208.00	1679.20
Train 2								
Planned unavailable hours	2.40	1.00	3.30	0.90	0.80	0.50	0.80	38.00
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	1507.20	2208.00	2209.00	2160.00	2183.00	2208.00	1679.20
Indicator value	0.8%	0.7%	0.7%	0.7%	0.6%	0.5%	0.5%	0.6%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



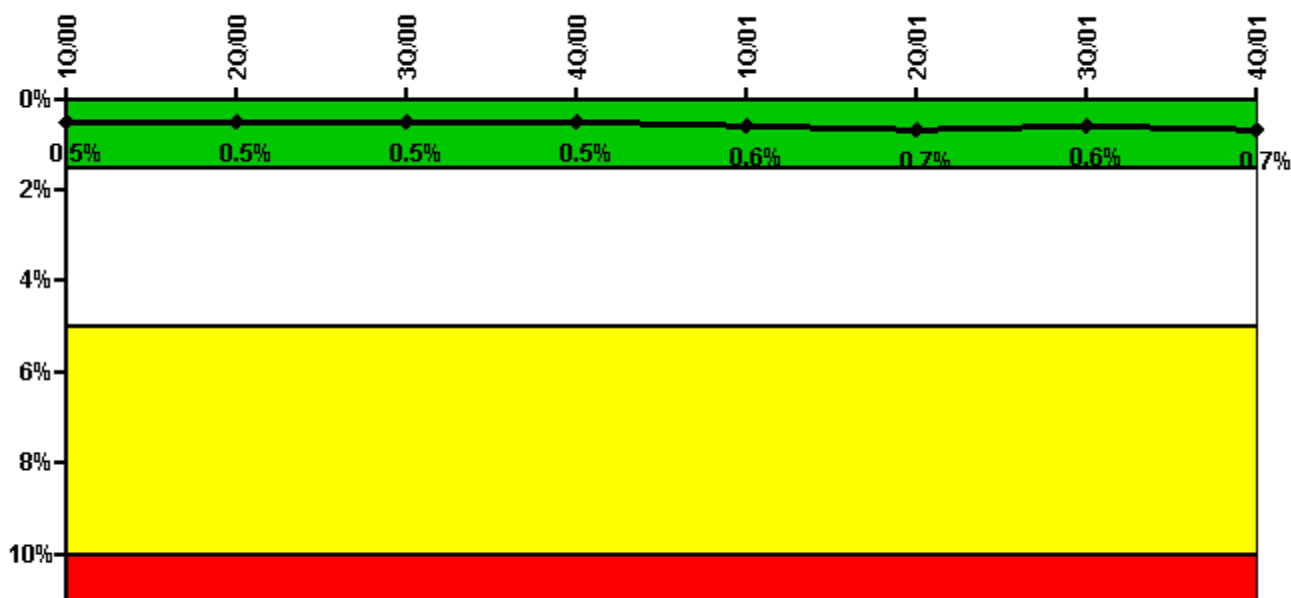
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	2.33	0	1.03	1.90	4.10	1.50	16.10	3.50
Unplanned unavailable hours	0	2.30	0	0	0	0	0	2.50
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	1474.50	2208.00	2209.00	2160.00	2183.00	2208.00	1656.00
Train 2								
Planned unavailable hours	8.70	0	0	1.80	1.30	1.60	15.40	2.20
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	1474.50	2208.00	2209.00	2160.00	2183.00	2208.00	1656.00
Train 3								
Planned unavailable hours	2.15	0	2.50	27.90	10.60	6.20	38.60	18.20
Unplanned unavailable hours	0	0	0	0	0	0	0	7.80
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	1474.50	2208.00	2209.00	2160.00	2183.00	2208.00	1656.00
Indicator value	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	48.10	1.80	57.80	0	57.00	1.00	0.50	63.60
Unplanned unavailable hours	0	0	0	0	0	0	40.80	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	1507.20	2208.00	2209.00	2160.00	2183.00	2208.00	1647.90
Train 2								
Planned unavailable hours	1.90	2.50	2.60	15.40	48.30	1.10	0.80	42.50
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	1507.20	2208.00	2209.00	2160.00	2183.00	2208.00	1647.90
Train 3								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	507.30	0	0	0	0	0	553.20
Train 4								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	507.30	0	0	0	0	0	553.20
Indicator value	0.5%	0.5%	0.5%	0.5%	0.6%	0.7%	0.6%	0.7%

Licensee Comments:

2Q/00: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

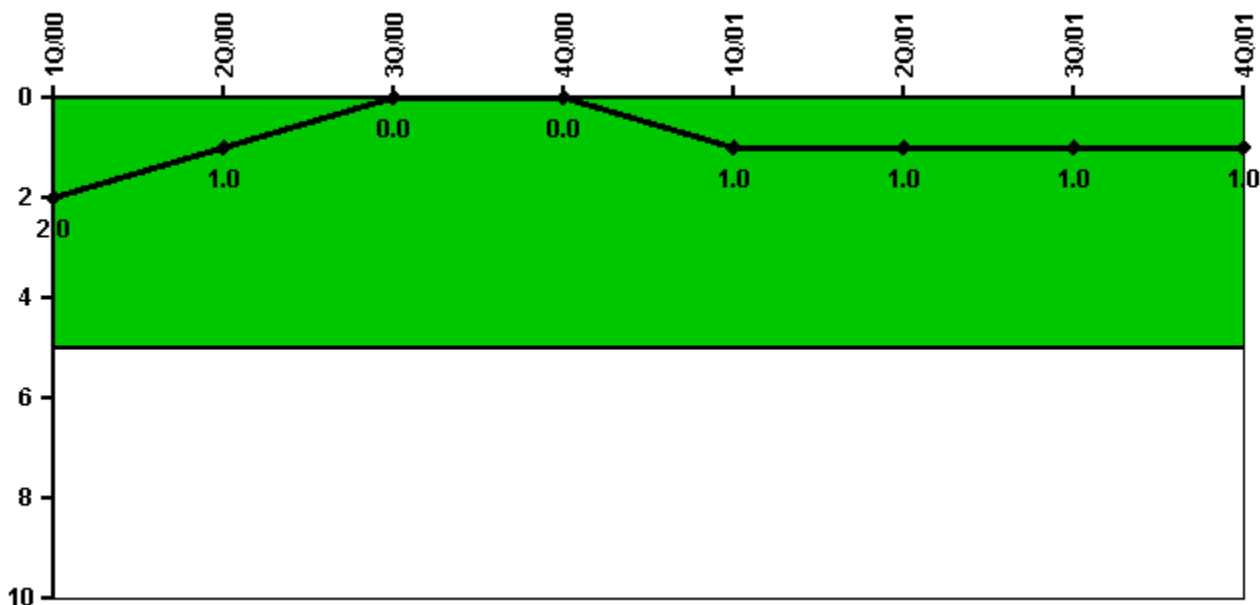
4Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

3Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

2Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

1Q/99: Recalculated and revised using historical data in accordance with NEI 99-02, Rev. 1 App. D Plant Specific Design Issues for CE NSSS RHR SSU performance option 2.

Safety System Functional Failures (PWR)



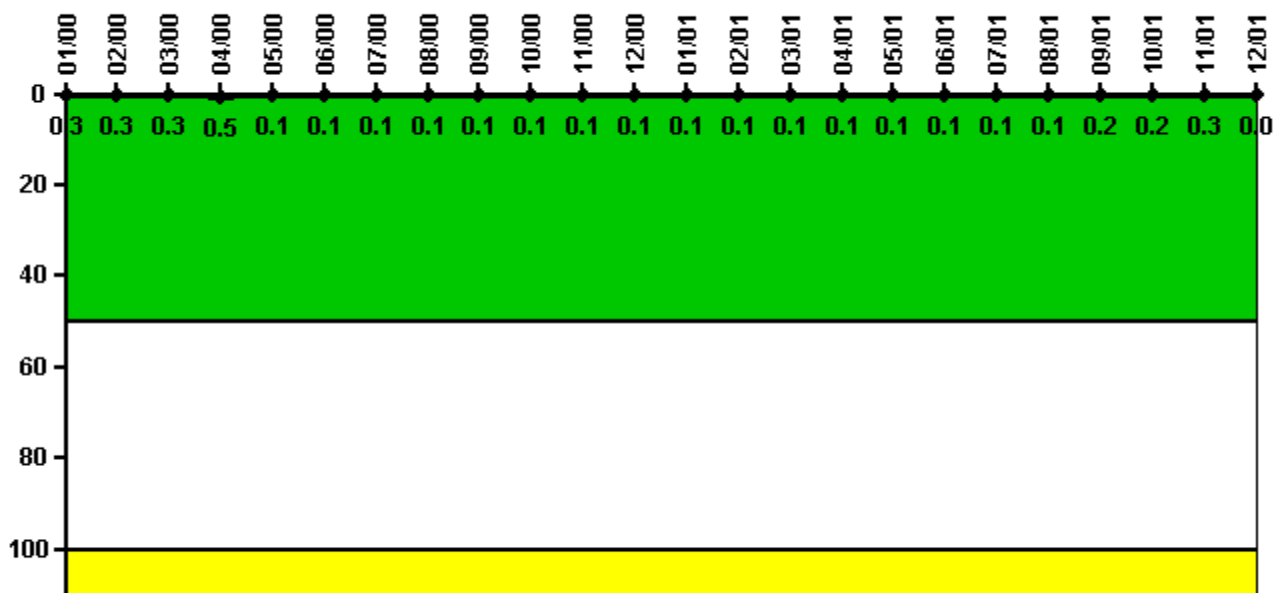
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Safety System Functional Failures	0	0	0	0	1	0	0	0
Indicator value	2	1	0	0	1	1	1	1

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

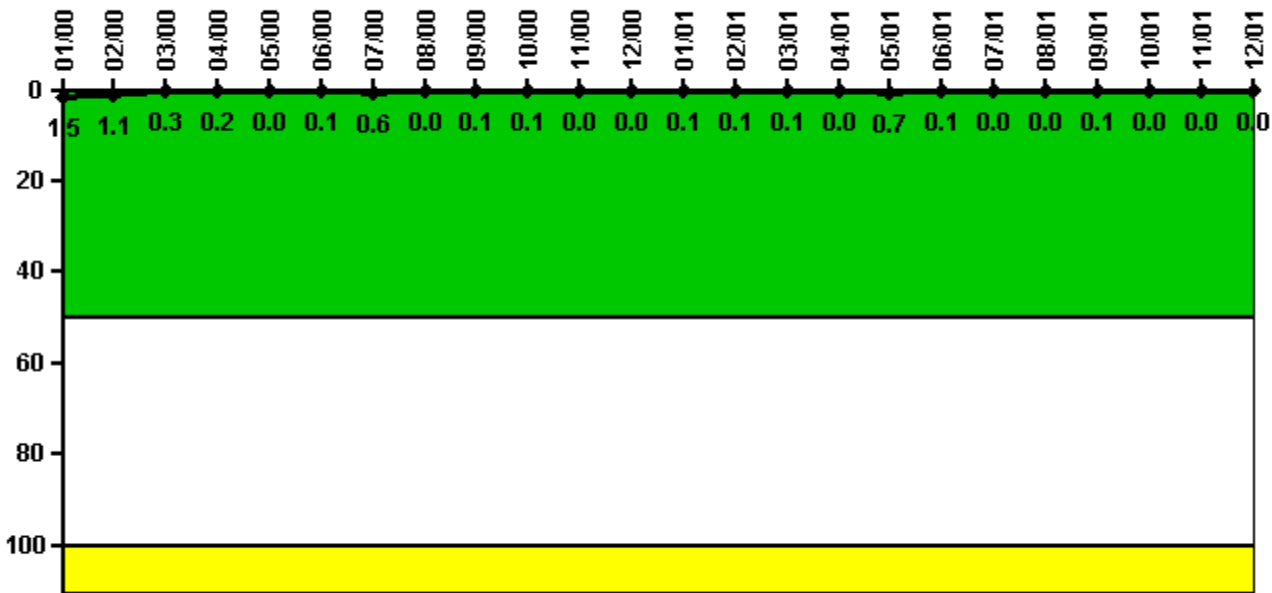
Notes

Reactor Coolant System Activity	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00
Maximum activity	0.002860	0.002830	0.002940	0.005270	0.000872	0.001050	0.000927	0.001010	0.001020	0.001150	0.001050	0.001150
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.3	0.3	0.3	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Reactor Coolant System Activity	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01
Maximum activity	0.001230	0.001170	0.001310	0.001270	0.001300	0.001440	0.001310	0.001460	0.001520	0.001660	0.002580	0.000466
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

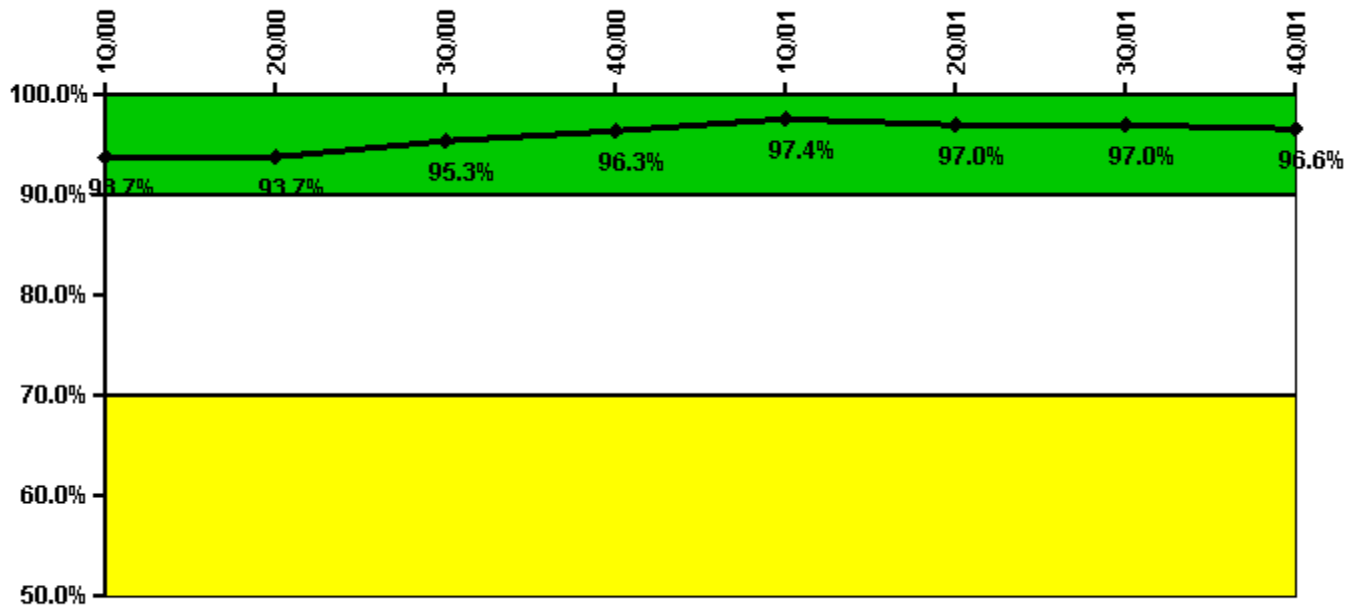
Notes

Reactor Coolant System Leakage	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00
Maximum leakage	0.150	0.110	0.030	0.020	0	0.010	0.060	0	0.010	0.010	0	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.5	1.1	0.3	0.2	0	0.1	0.6	0	0.1	0.1	0	0

Reactor Coolant System Leakage	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01
Maximum leakage	0.010	0.010	0.010	0	0.070	0.010	0	0	0.010	0.004	0	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.1	0.1	0	0.7	0.1	0	0	0.1	0	0	0

Licensee Comments: none

Drill/Exercise Performance



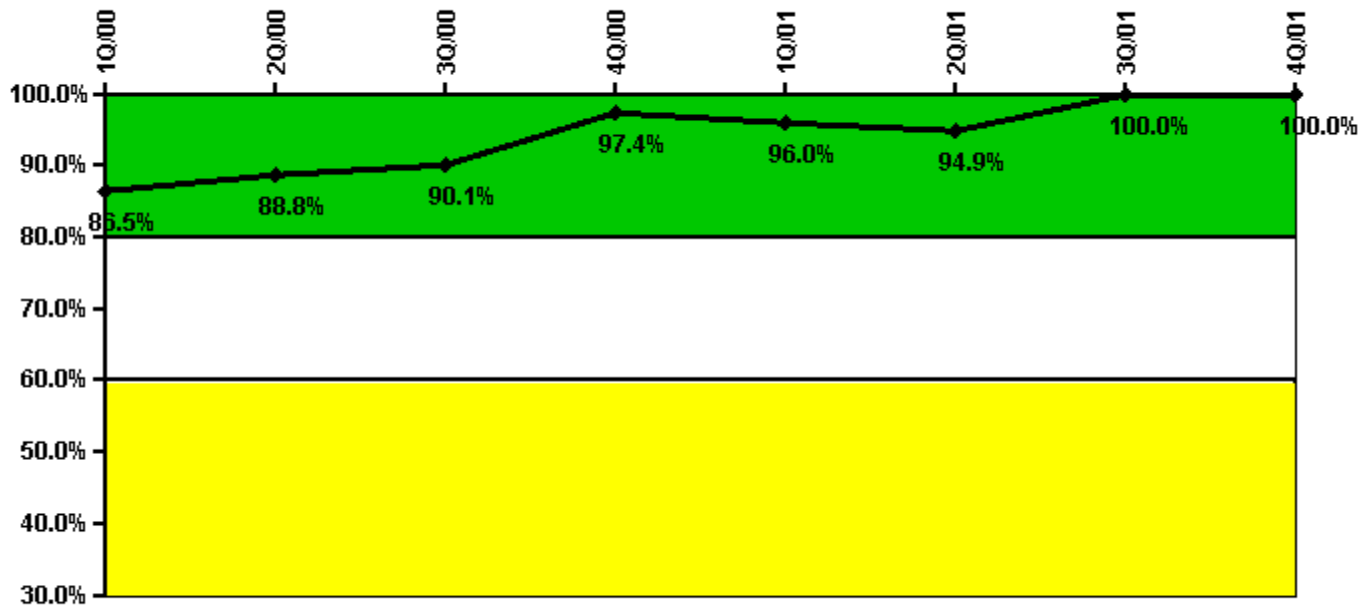
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Successful opportunities	26.0	8.0	65.0	127.0	8.0	37.0	82.0	11.0
Total opportunities	27.0	9.0	65.0	130.0	8.0	41.0	85.0	12.0
Indicator value	93.7%	93.7%	95.3%	96.3%	97.4%	97.0%	97.0%	96.6%

Licensee Comments: none

ERO Drill Participation



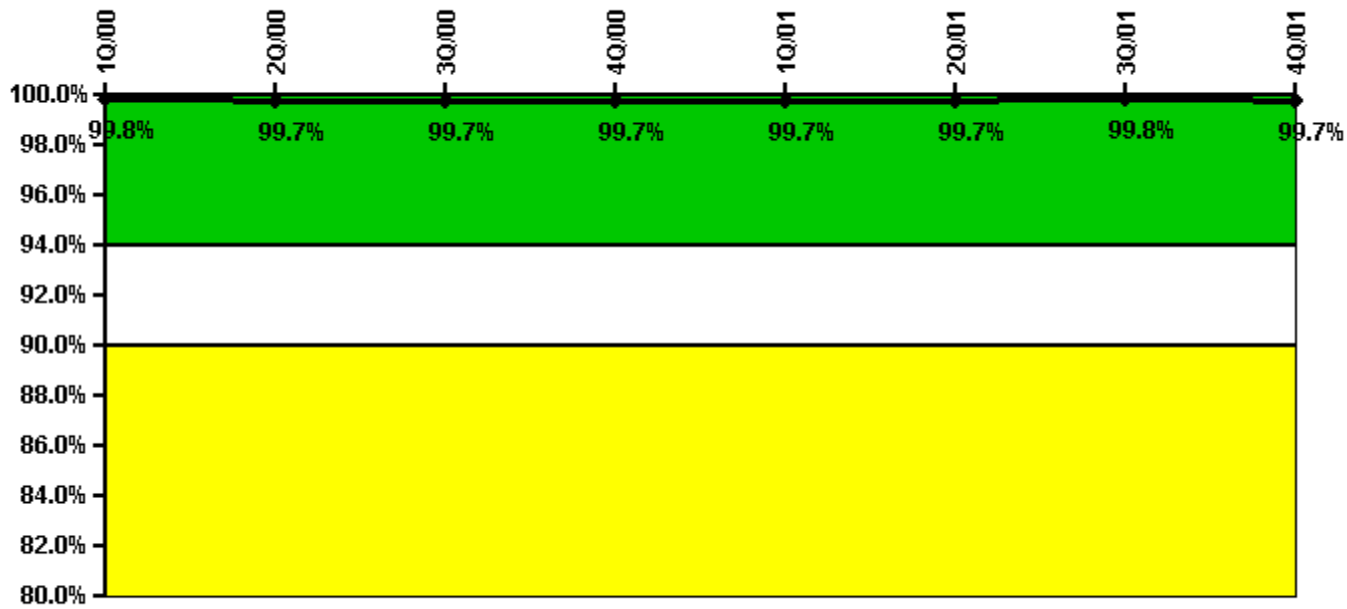
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Participating Key personnel	77.0	71.0	73.0	75.0	72.0	75.0	79.0	72.0
Total Key personnel	89.0	80.0	81.0	77.0	75.0	79.0	79.0	72.0
Indicator value	86.5%	88.8%	90.1%	97.4%	96.0%	94.9%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



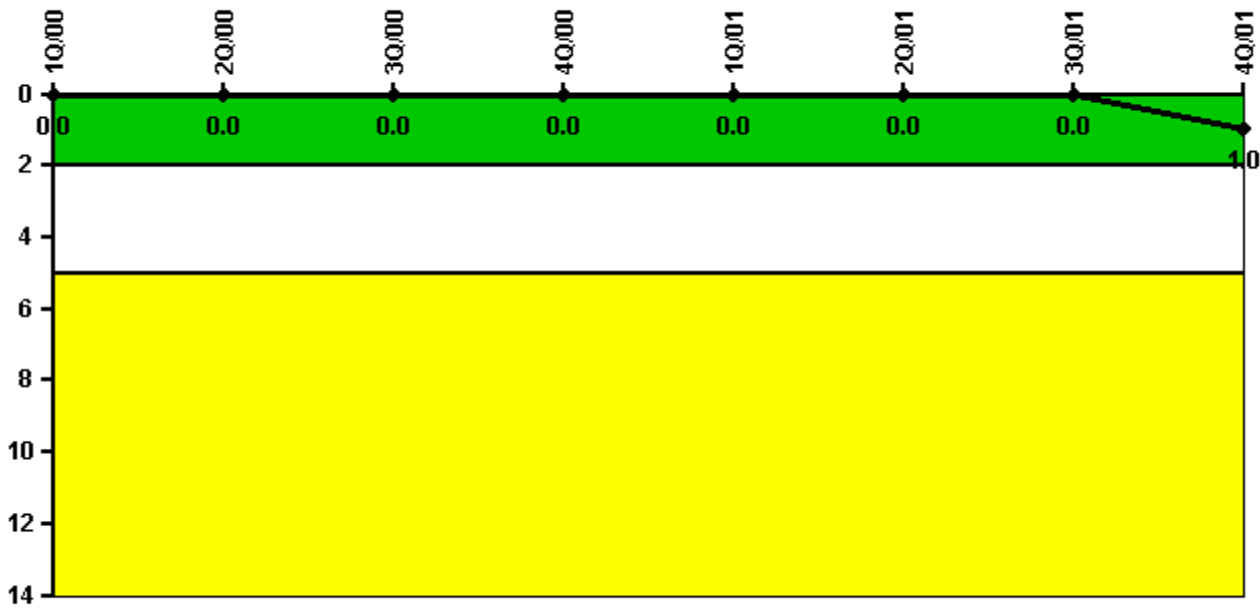
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Successful siren-tests	606	519	694	522	607	521	703	439
Total sirens-tests	609	522	696	522	609	523	704	440
Indicator value	99.8%	99.7%	99.7%	99.7%	99.7%	99.7%	99.8%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness

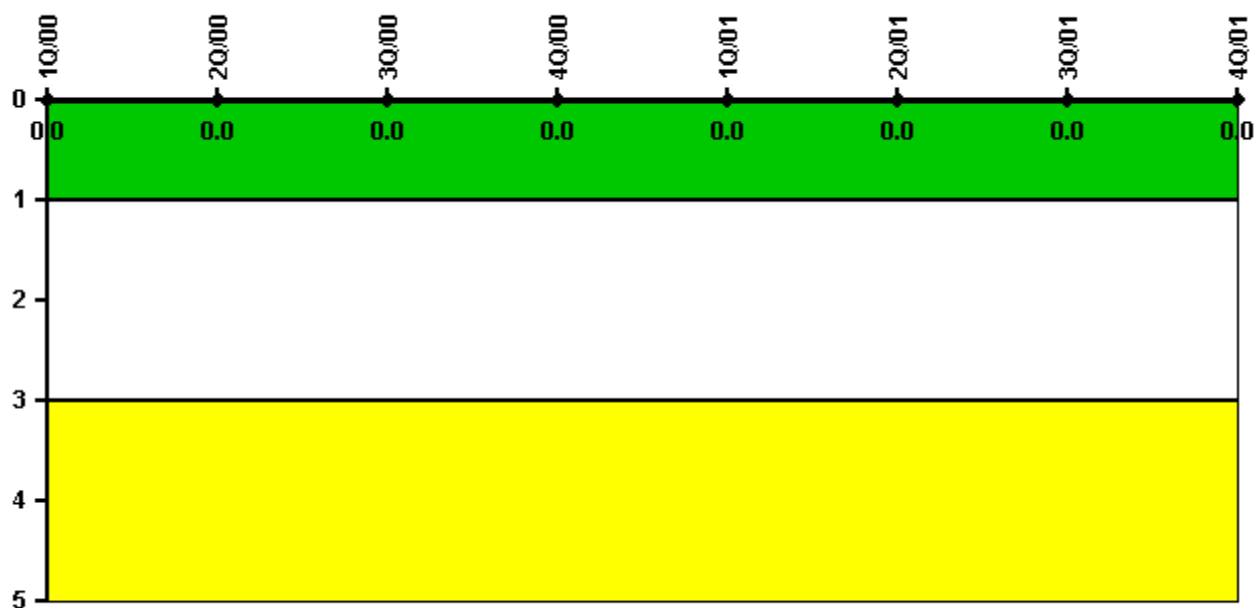


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
High radiation area occurrences	0	0	0	0	0	0	0	1
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	1

Licensee Comments: none

RETS/ODCM Radiological Effluent

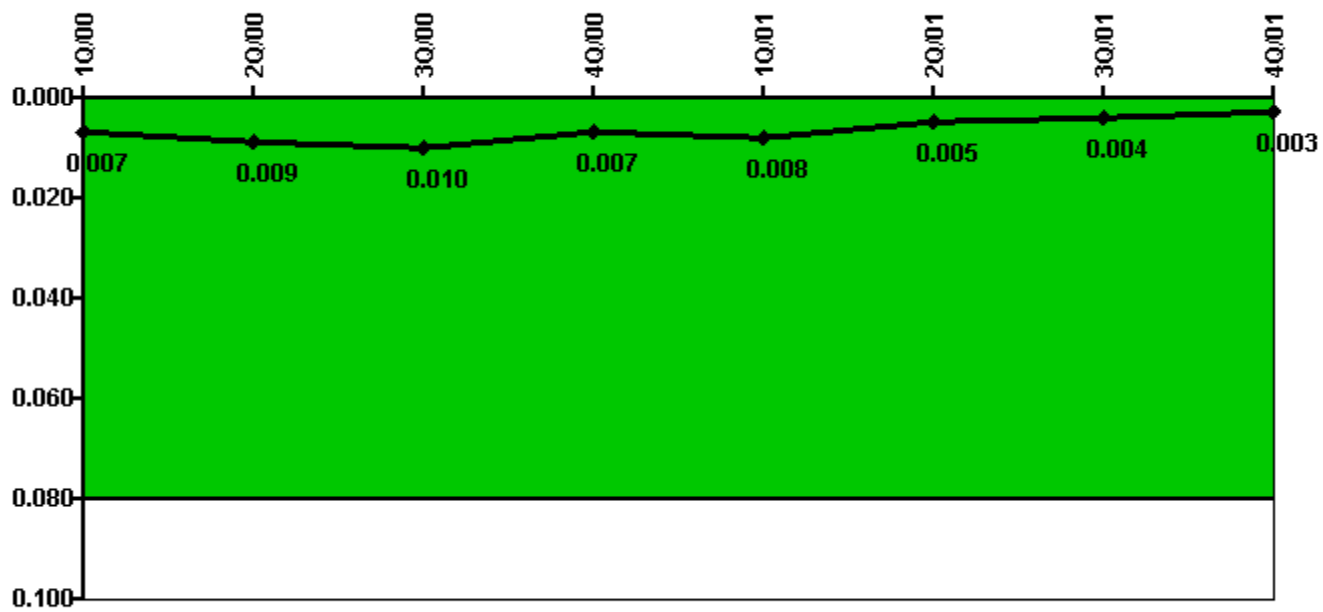
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index



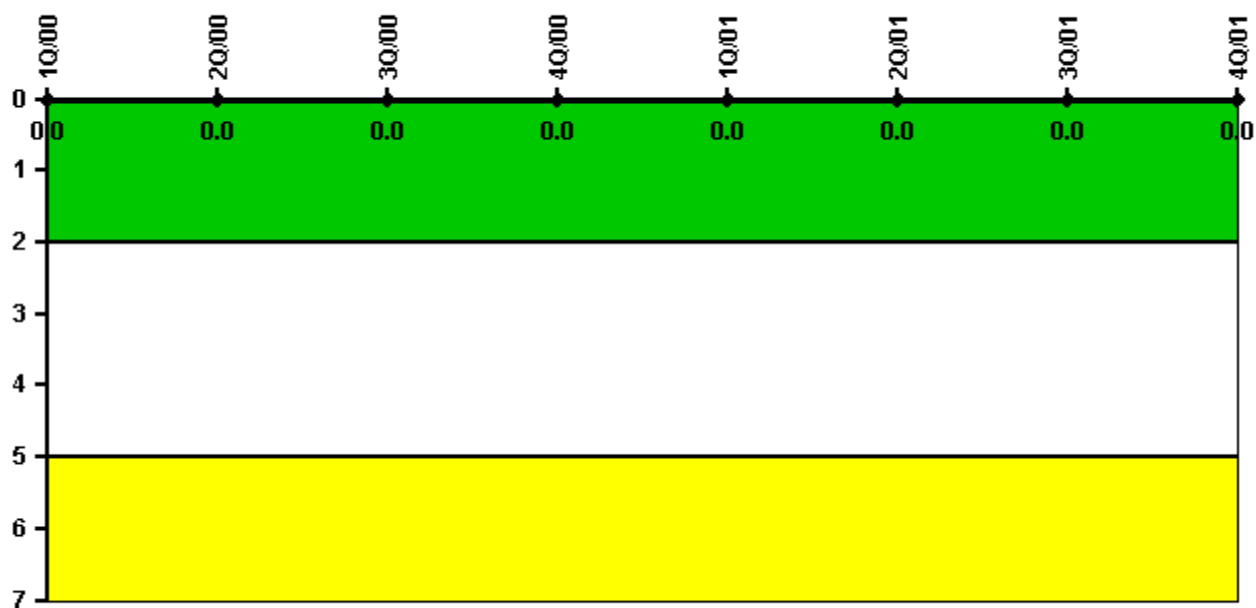
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
IDS compensatory hours	0	99.00	106.00	25.60	12.75	0	81.20	2.70
CCTV compensatory hours	0	1.5	0	0	0	0	0	0
IDS normalization factor	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80
CCTV normalization factor	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Index Value	0.007	0.009	0.010	0.007	0.008	0.005	0.004	0.003

Licensee Comments: none

Personnel Screening Program



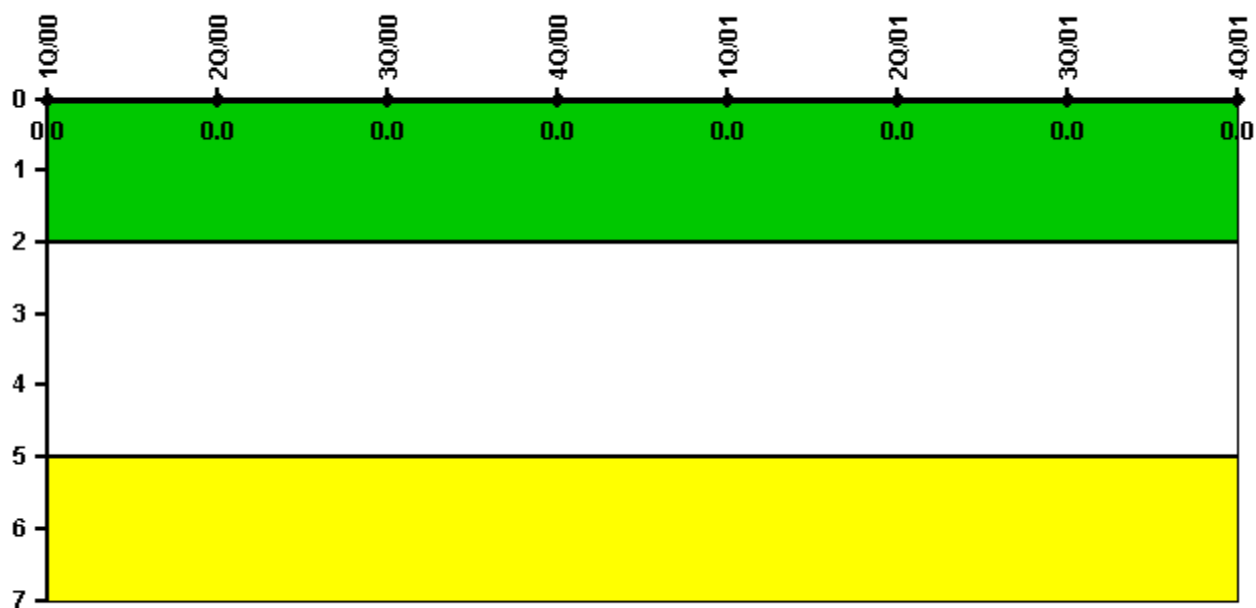
Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Program failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Program Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

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

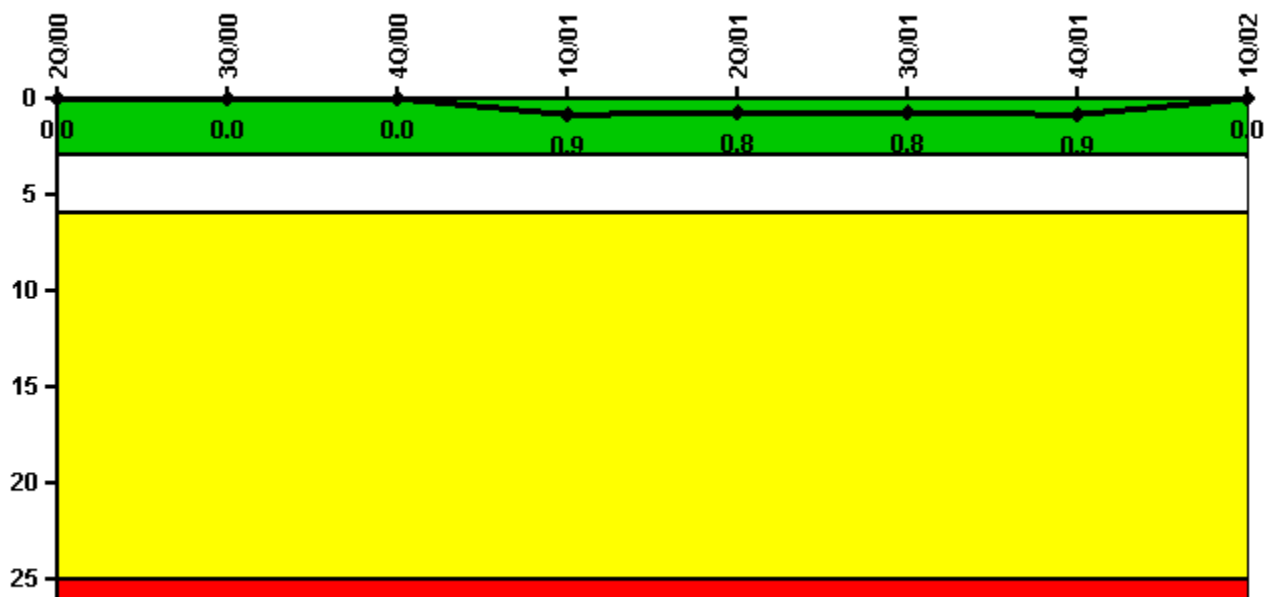
Last Modified: March 15, 2002

Saint Lucie 2

1Q/2002 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/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Unplanned scrams	0	0	0	1.0	0	0	0	0
Critical hours	1473.6	2208.0	2209.0	2088.3	2183.0	2208.0	1567.0	2145.4
Indicator value	0	0	0	0.9	0.8	0.8	0.9	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



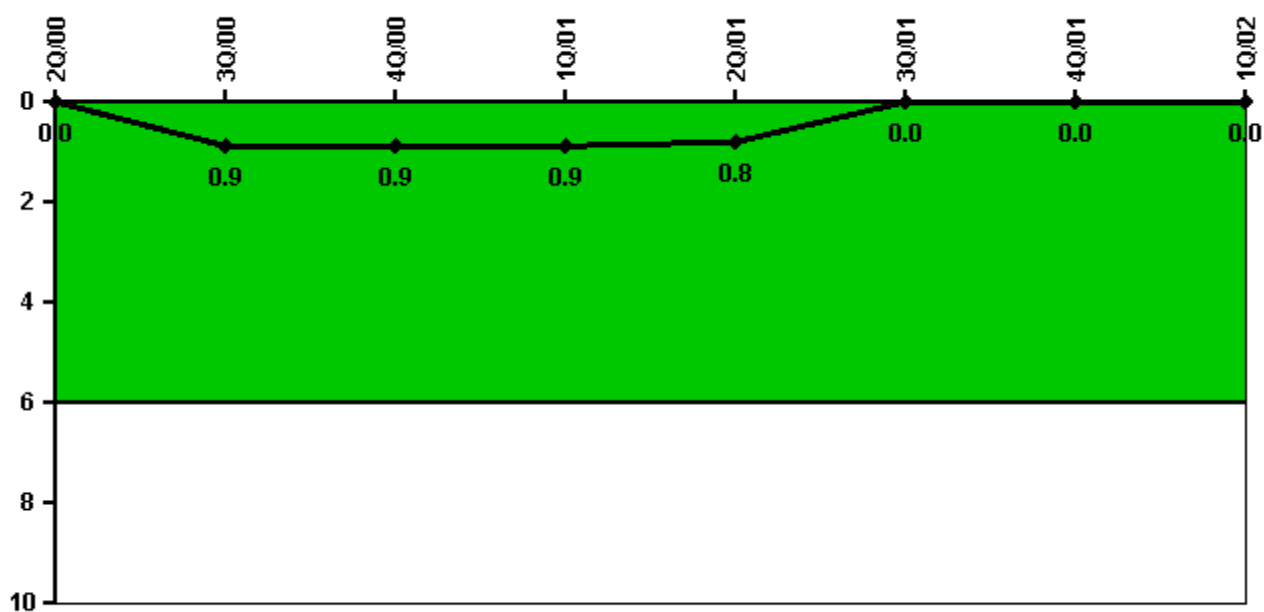
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
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



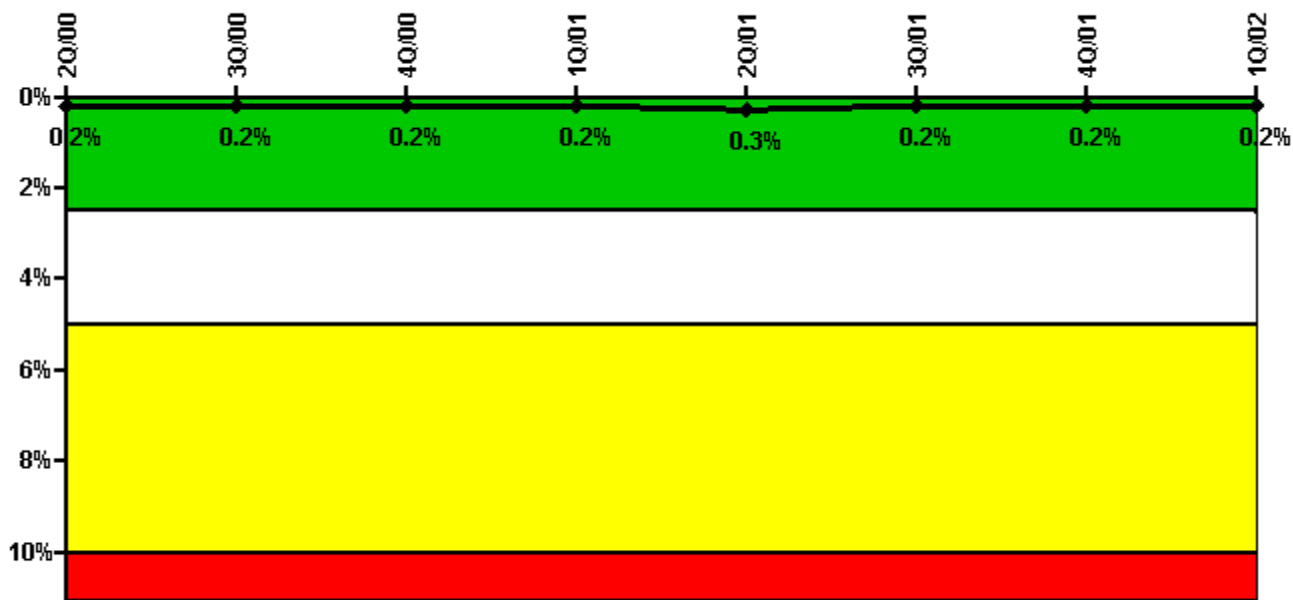
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Unplanned power changes	0	1.0	0	0	0	0	0	0
Critical hours	1473.6	2208.0	2209.0	2088.3	2183.0	2208.0	1567.0	2145.4
Indicator value	0	0.9	0.9	0.9	0.8	0	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

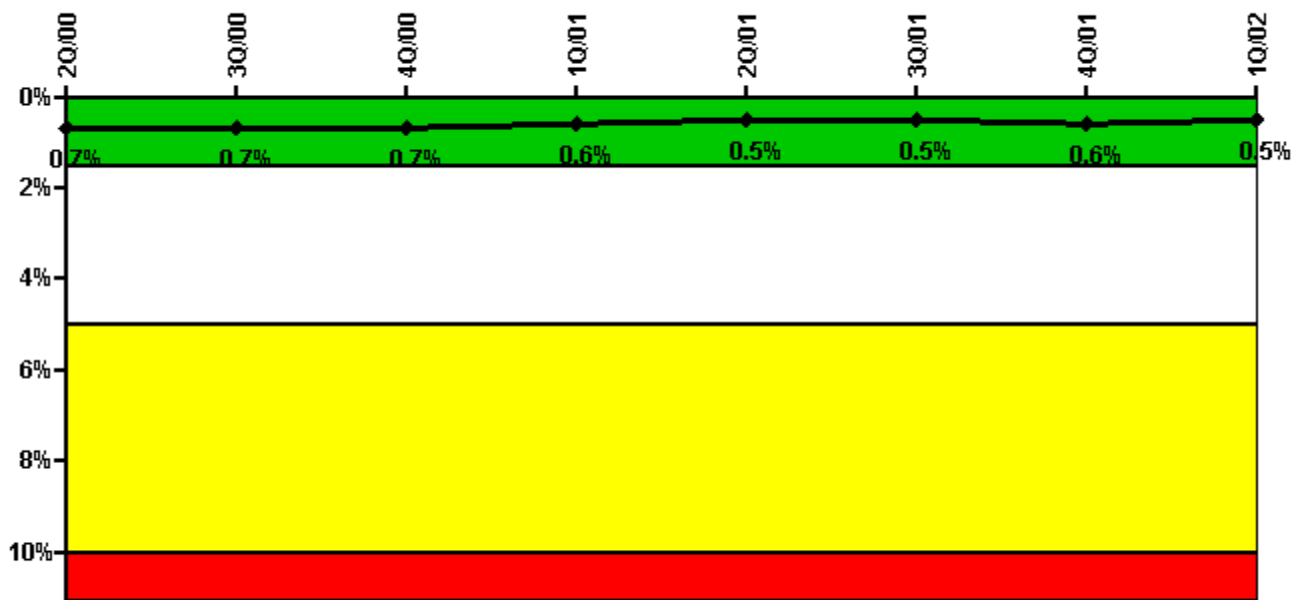
Notes

Safety System Unavailability, Emergency AC Power	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	2.70	6.30	6.60	7.70	6.90	4.20	3.60	5.40
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1882.90	2208.00	2209.00	2160.00	2183.00	2208.00	1941.00	2160.00
Train 2								
Planned unavailable hours	3.90	4.20	4.70	5.70	5.80	4.30	3.60	6.20
Unplanned unavailable hours	0	30.60	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1882.90	2208.00	2209.00	2160.00	2183.00	2208.00	1941.00	2160.00
Indicator value	0.2%	0.2%	0.2%	0.2%	0.3%	0.2%	0.2%	0.2%

Licensee Comments:

1Q/02: Train 1 unplanned unavailability hours subject to change based upon submitted FAQ response concerning rework performed during overhaul maintenance.

Safety System Unavailability, High Pressure Injection System (HPSI)



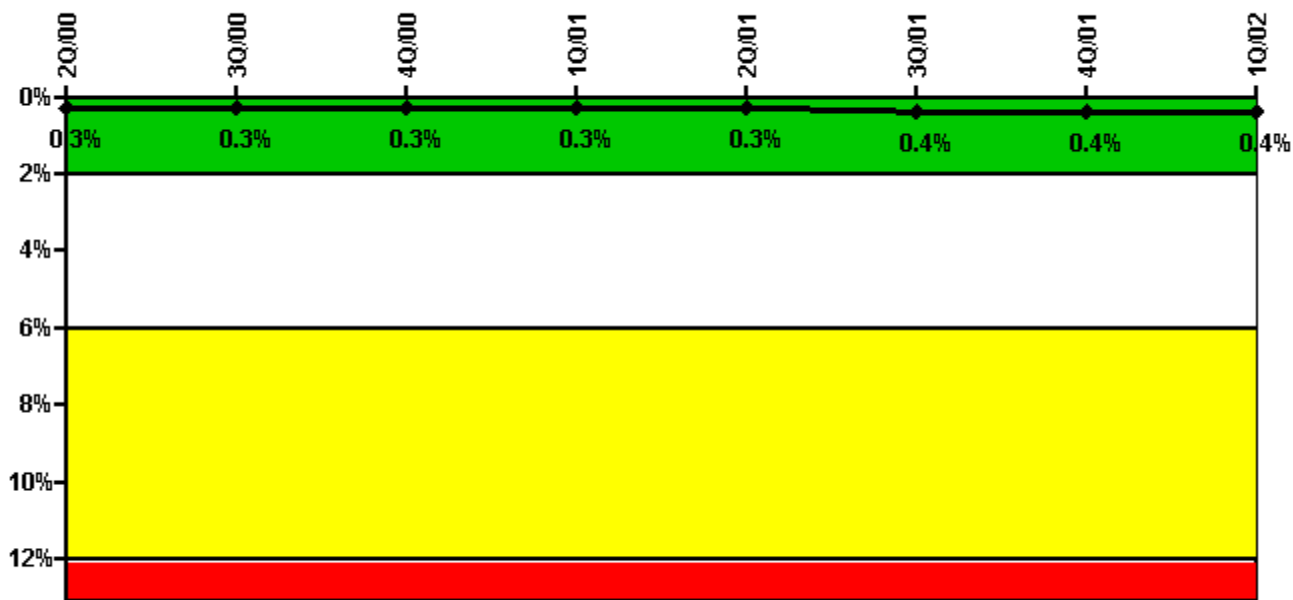
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	1.80	2.20	0	0.30	1.00	0.50	32.30	0.50
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1507.20	2208.00	2209.00	2160.00	2183.00	2208.00	1679.20	2160.00
Train 2								
Planned unavailable hours	1.00	3.30	0.90	0.80	0.50	0.80	38.00	0.90
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1507.20	2208.00	2209.00	2160.00	2183.00	2208.00	1679.20	2160.00
Indicator value	0.7%	0.7%	0.7%	0.6%	0.5%	0.5%	0.6%	0.5%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



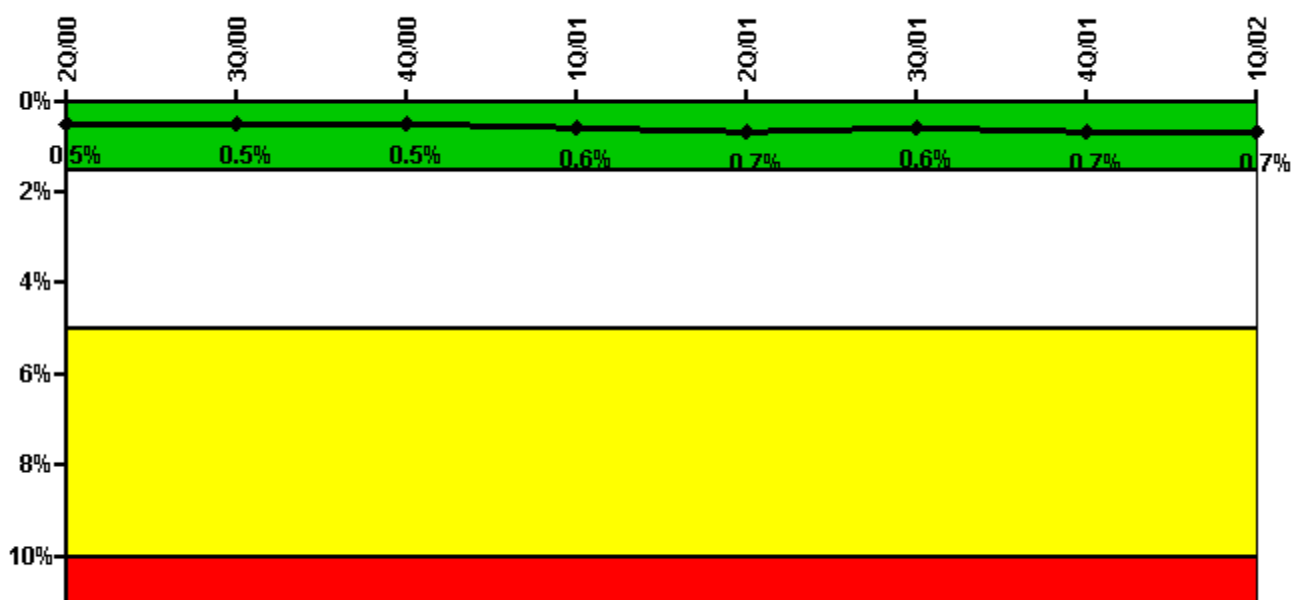
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	0	1.03	1.90	4.10	1.50	16.10	3.50	2.80
Unplanned unavailable hours	2.30	0	0	0	0	0	2.50	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1474.50	2208.00	2209.00	2160.00	2183.00	2208.00	1656.00	2160.00
Train 2								
Planned unavailable hours	0	0	1.80	1.30	1.60	15.40	2.20	1.30
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1474.50	2208.00	2209.00	2160.00	2183.00	2208.00	1656.00	2160.00
Train 3								
Planned unavailable hours	0	2.50	27.90	10.60	6.20	38.60	18.20	11.30
Unplanned unavailable hours	0	0	0	0	0	0	7.80	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1474.50	2208.00	2209.00	2160.00	2183.00	2208.00	1656.00	2160.00
Indicator value	0.3%	0.3%	0.3%	0.3%	0.3%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



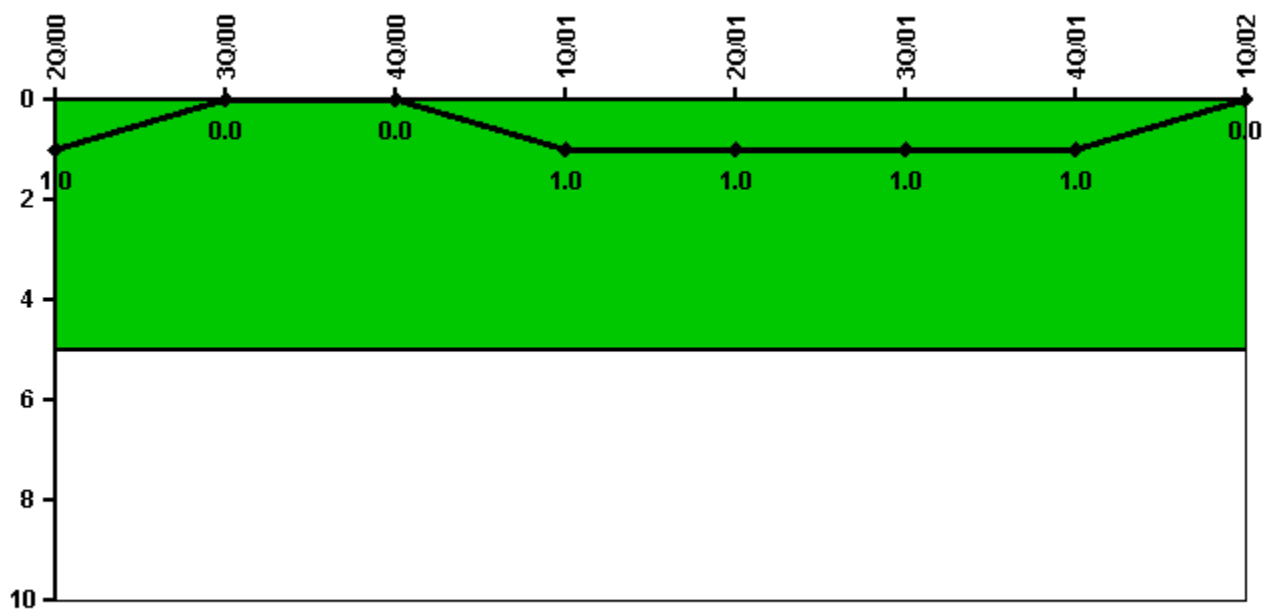
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	1.80	57.80	0	57.00	1.00	0.50	63.60	4.10
Unplanned unavailable hours	0	0	0	0	0	40.80	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1507.20	2208.00	2209.00	2160.00	2183.00	2208.00	1647.90	2160.00
Train 2								
Planned unavailable hours	2.50	2.60	15.40	48.30	1.10	0.80	42.50	2.80
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1507.20	2208.00	2209.00	2160.00	2183.00	2208.00	1647.90	2160.00
Train 3								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	507.30	0	0	0	0	0	553.20	0
Train 4								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	507.30	0	0	0	0	0	553.20	0
Indicator value	0.5%	0.5%	0.5%	0.6%	0.7%	0.6%	0.7%	0.7%

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Safety System Functional Failures	0	0	0	1	0	0	0	0
Indicator value	1	0	0	1	1	1	1	0

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

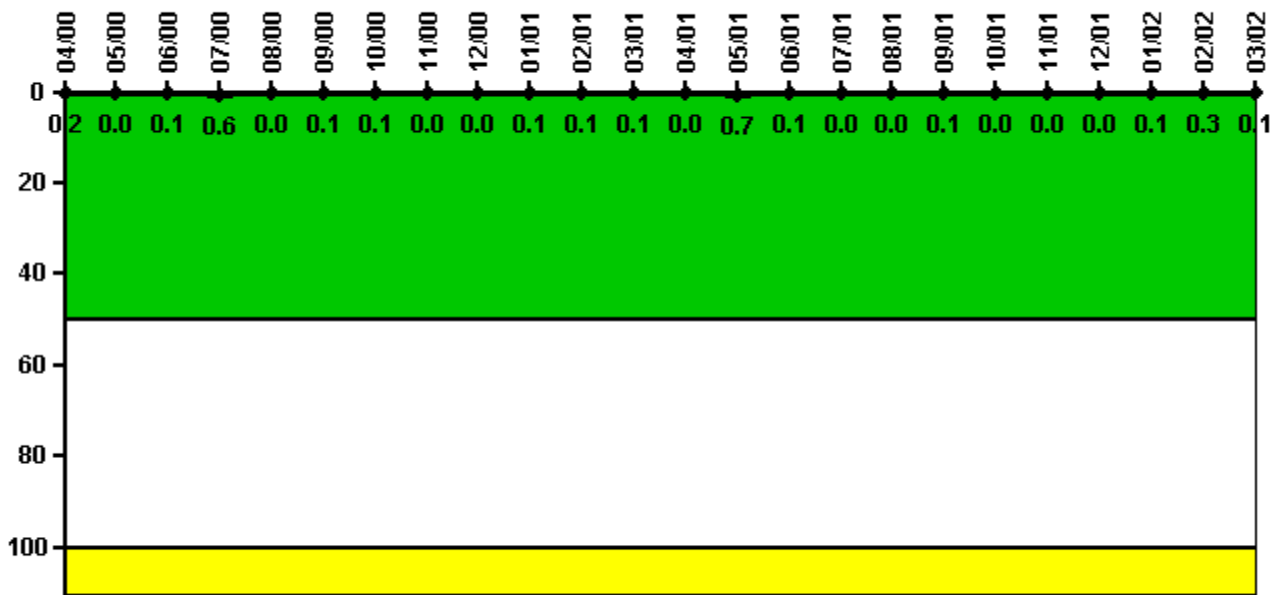
Notes

Reactor Coolant System Activity	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00	1/01	2/01	3/01
Maximum activity	0.005270	0.000872	0.001050	0.000927	0.001010	0.001020	0.001150	0.001050	0.001150	0.001230	0.001170	0.001310
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Reactor Coolant System Activity	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02
Maximum activity	0.001270	0.001300	0.001440	0.001310	0.001460	0.001520	0.001660	0.002580	0.000466	0.000991	0.001320	0.001890
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0	0.1	0.1	0.2

Licensee Comments: none

Reactor Coolant System Leakage



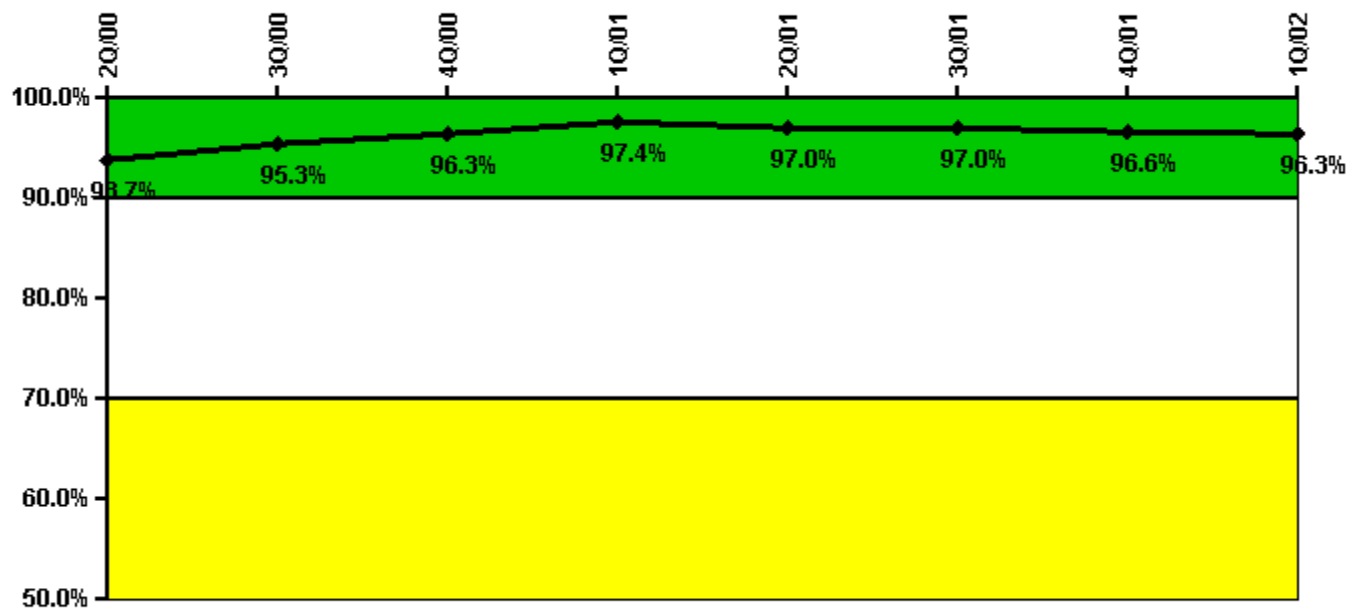
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00	1/01	2/01	3/01
Maximum leakage	0.020	0	0.010	0.060	0	0.010	0.010	0	0	0.010	0.010	0.010
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0	0.1	0.6	0	0.1	0.1	0	0	0.1	0.1	0.1

Reactor Coolant System Leakage	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02
Maximum leakage	0	0.070	0.010	0	0	0.010	0.004	0	0	0.010	0.030	0.010
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0.7	0.1	0	0	0.1	0	0	0	0.1	0.3	0.1

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

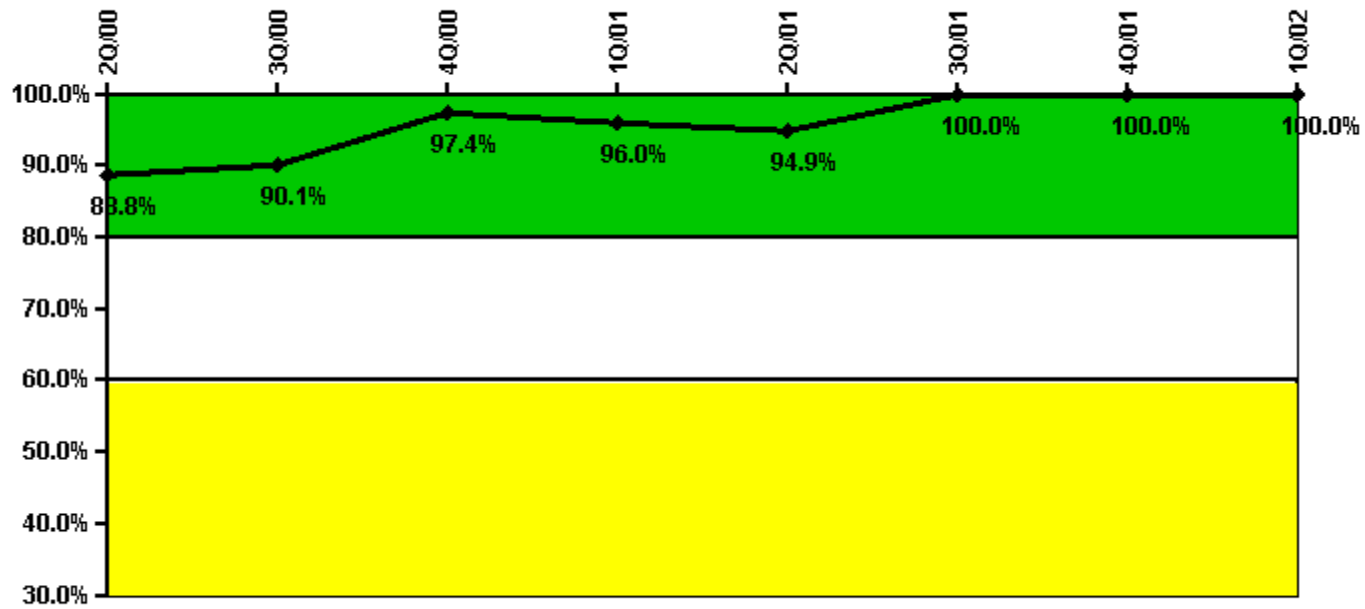
Drill/Exercise Performance	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Successful opportunities	8.0	65.0	127.0	8.0	39.0	82.0	12.0	47.0
Total opportunities	9.0	65.0	130.0	8.0	43.0	85.0	13.0	50.0
Indicator value	93.7%	95.3%	96.3%	97.4%	97.0%	97.0%	96.6%	96.3%

Licensee Comments:

4Q/01: Minor corrections added one opportunity and one success

2Q/01: Minor correction - added two uncounted notifications and two successes

ERO Drill Participation



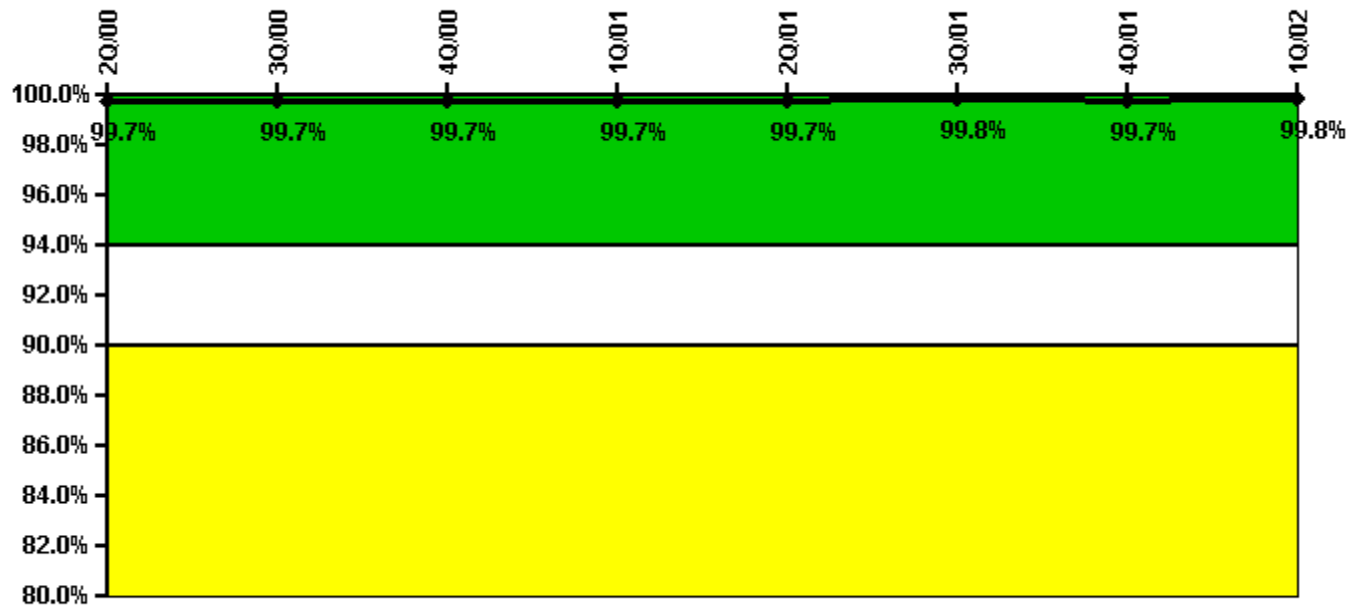
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Participating Key personnel	71.0	73.0	75.0	72.0	75.0	79.0	72.0	72.0
Total Key personnel	80.0	81.0	77.0	75.0	79.0	79.0	72.0	72.0
Indicator value	88.8%	90.1%	97.4%	96.0%	94.9%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

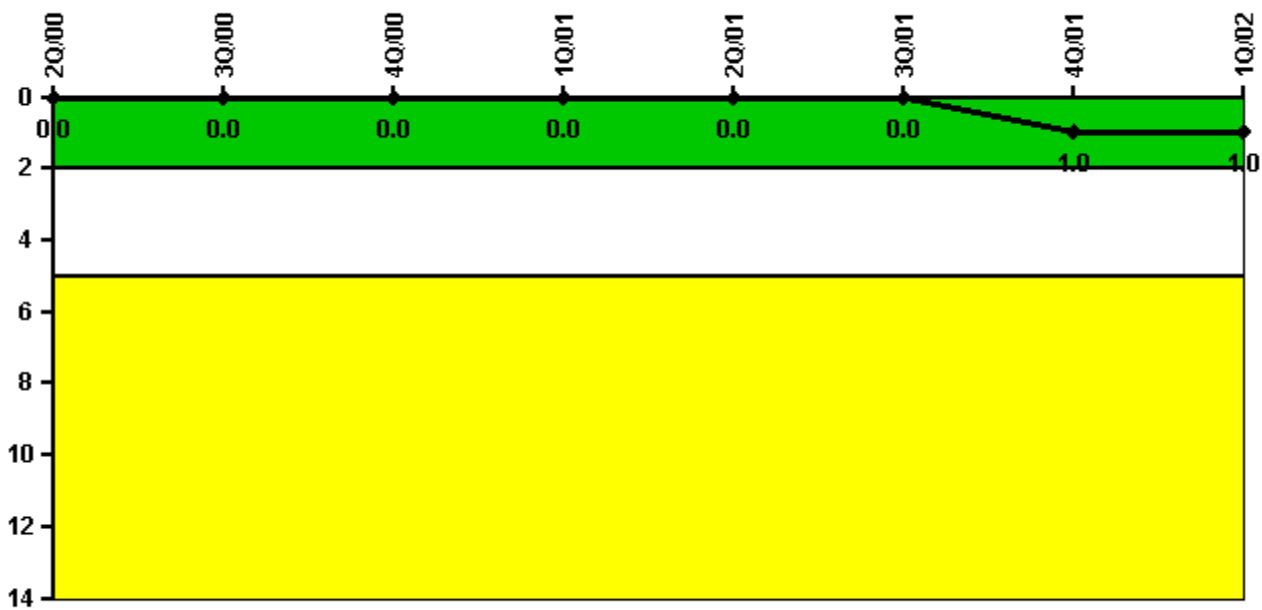
Notes

Alert & Notification System	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Successful siren-tests	519	694	522	607	521	703	527	704
Total sirens-tests	522	696	522	609	523	704	528	704
Indicator value	99.7%	99.7%	99.7%	99.7%	99.7%	99.8%	99.7%	99.8%

Licensee Comments:

4Q/01: Corrected to reflect data miscount, added 88 to each data element

Occupational Exposure Control Effectiveness

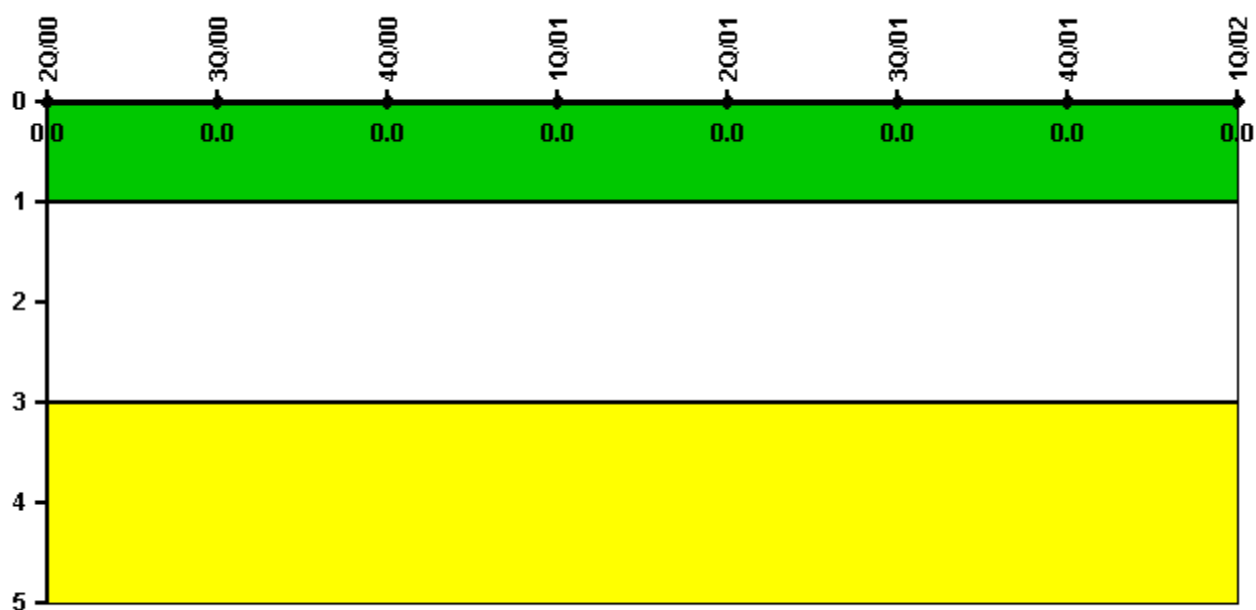


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
High radiation area occurrences	0	0	0	0	0	0	1	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	1	1

Licensee Comments: none

RETS/ODCM Radiological Effluent

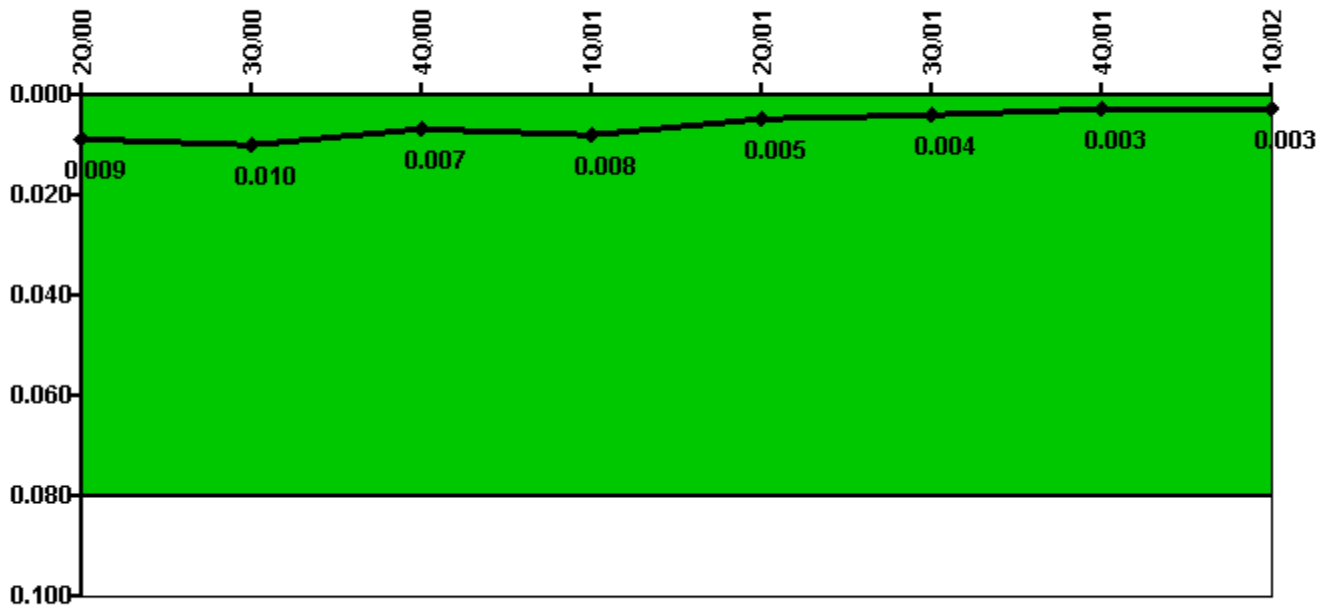
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index



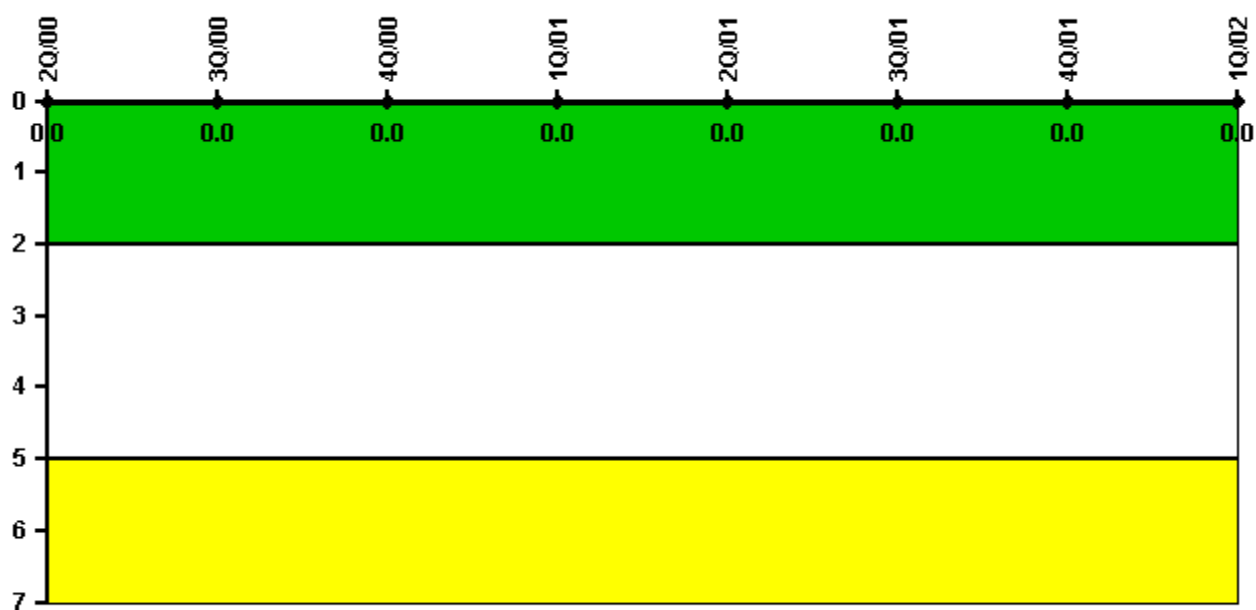
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
IDS compensatory hours	99.00	106.00	25.60	12.75	0	81.20	2.70	15.60
CCTV compensatory hours	1.5	0	0	0	0	0	0	0
IDS normalization factor	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80
CCTV normalization factor	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Index Value	0.009	0.010	0.007	0.008	0.005	0.004	0.003	0.003

Licensee Comments: none

Personnel Screening Program

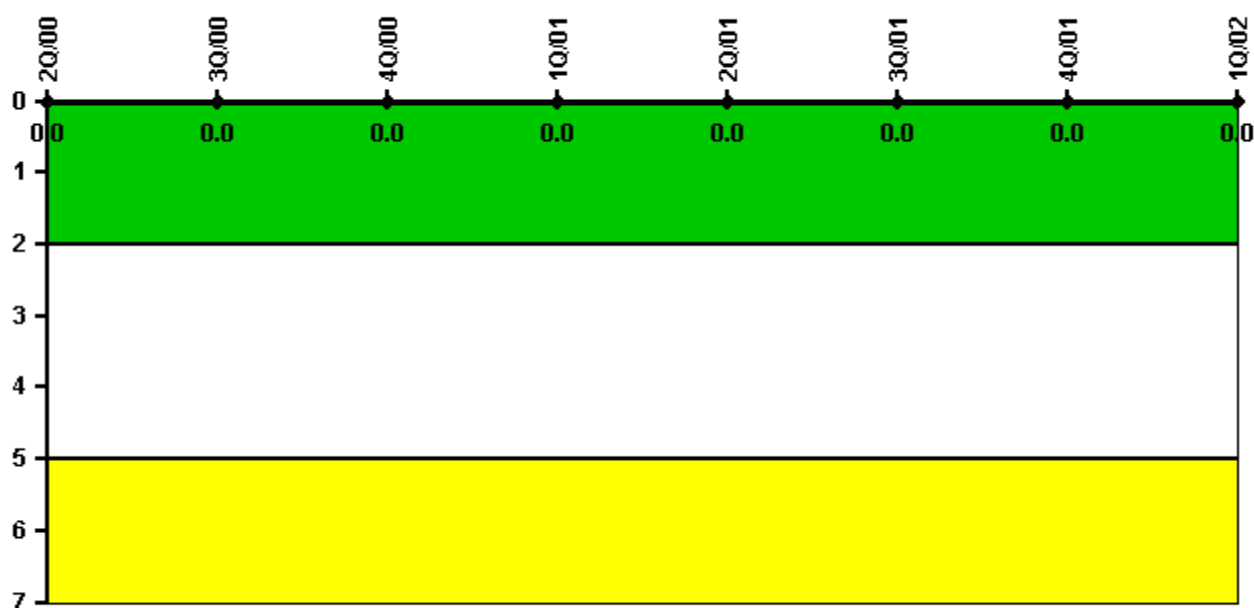


Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Program failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Program Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

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

Last Modified: May 1, 2002

Saint Lucie 2

2Q/2002 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/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Unplanned scrams	0	0	1.0	0	0	0	0	0
Critical hours	2208.0	2209.0	2088.3	2183.0	2208.0	1567.0	2145.4	2183.0
Indicator value	0	0	0.9	0.8	0.8	0.9	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



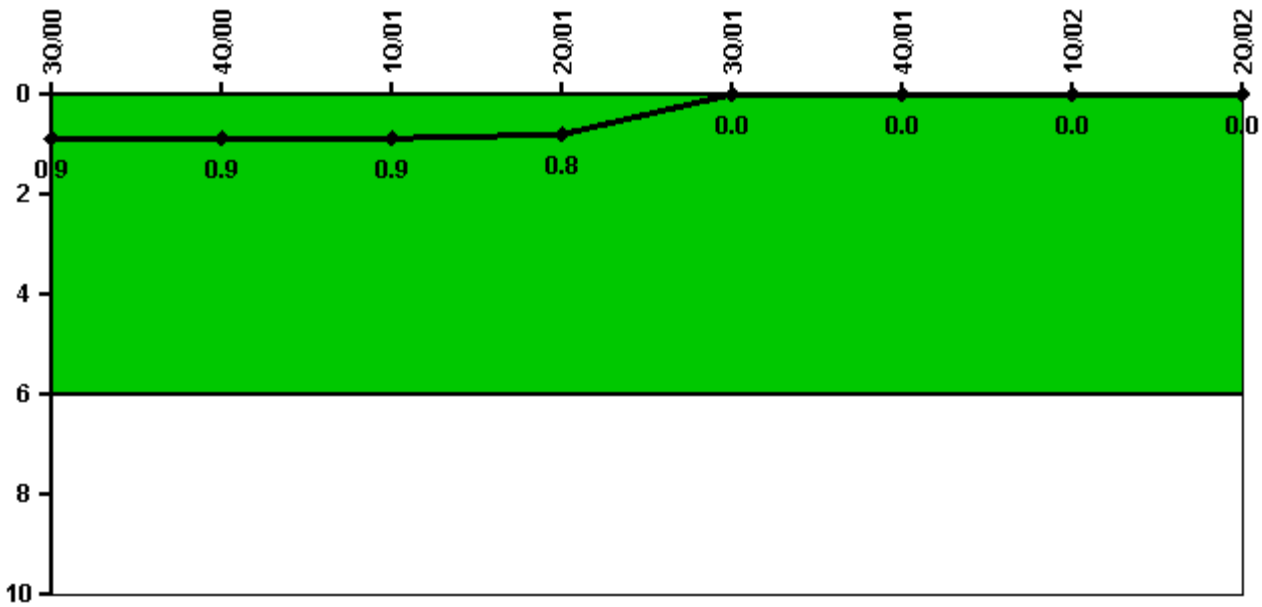
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
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



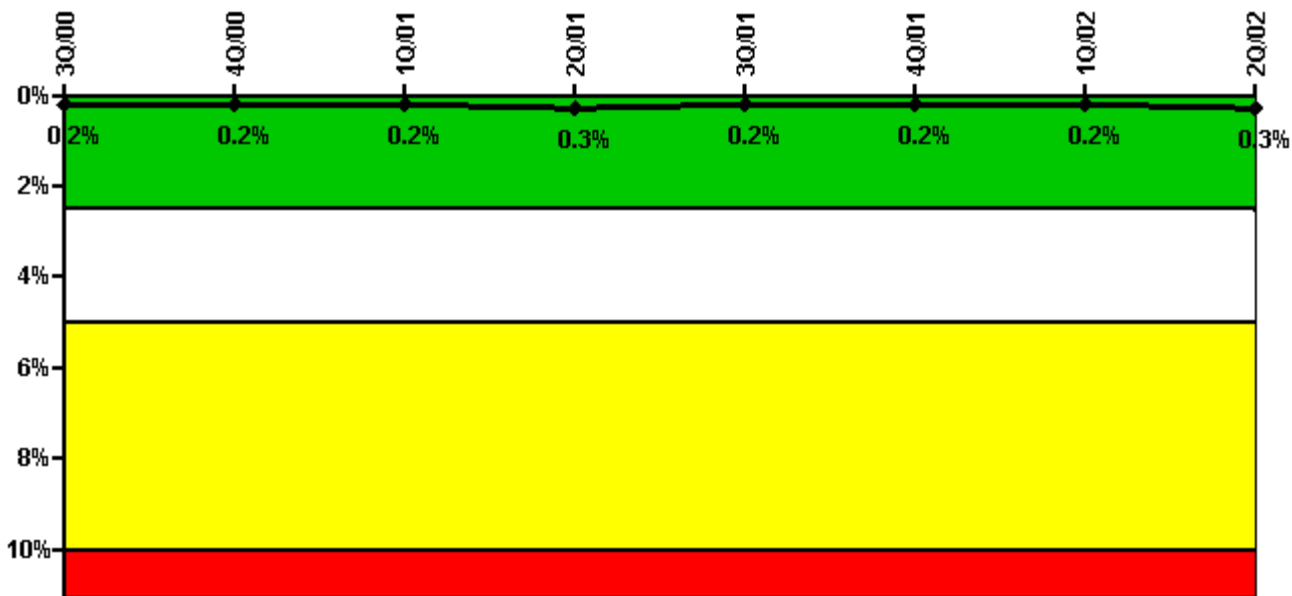
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Unplanned power changes	1.0	0	0	0	0	0	0	0
Critical hours	2208.0	2209.0	2088.3	2183.0	2208.0	1567.0	2145.4	2183.0
Indicator value	0.9	0.9	0.9	0.8	0	0	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



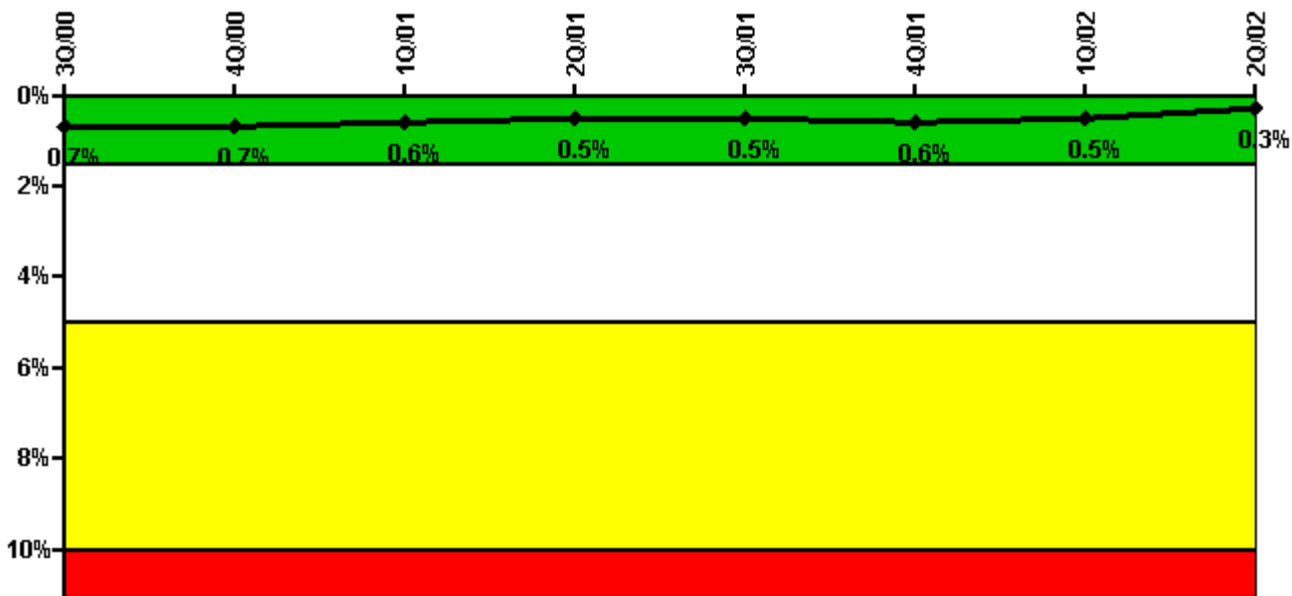
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours	6.30	6.60	7.70	6.90	4.20	3.60	5.40	5.90
Unplanned unavailable hours	0	0	0	0	0	0	0	1.90
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	1941.00	2160.00	2183.00
Train 2								
Planned unavailable hours	4.20	4.70	5.70	5.80	4.30	3.60	6.20	5.90
Unplanned unavailable hours	30.60	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	1941.00	2160.00	2183.00
Indicator value	0.2%	0.2%	0.2%	0.3%	0.2%	0.2%	0.2%	0.3%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



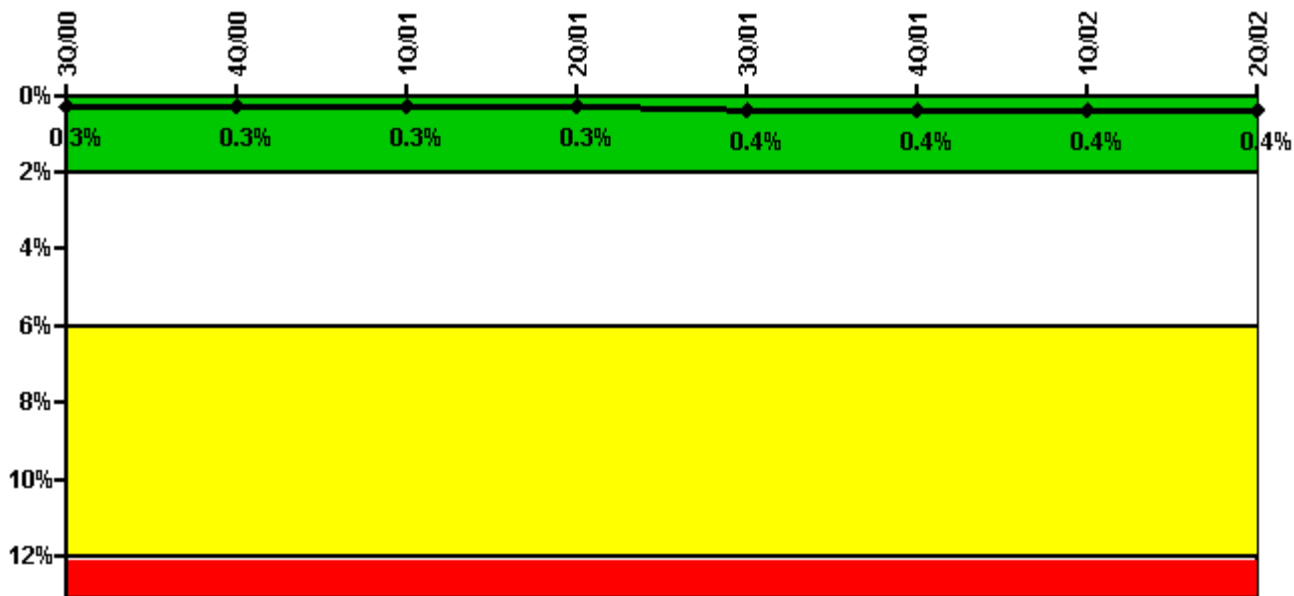
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours	2.20	0	0.30	1.00	0.50	32.30	0.50	6.00
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	1679.20	2160.00	2183.00
Train 2								
Planned unavailable hours	3.30	0.90	0.80	0.50	0.80	38.00	0.90	7.00
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	1679.20	2160.00	2183.00
Indicator value	0.7%	0.7%	0.6%	0.5%	0.5%	0.6%	0.5%	0.3%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



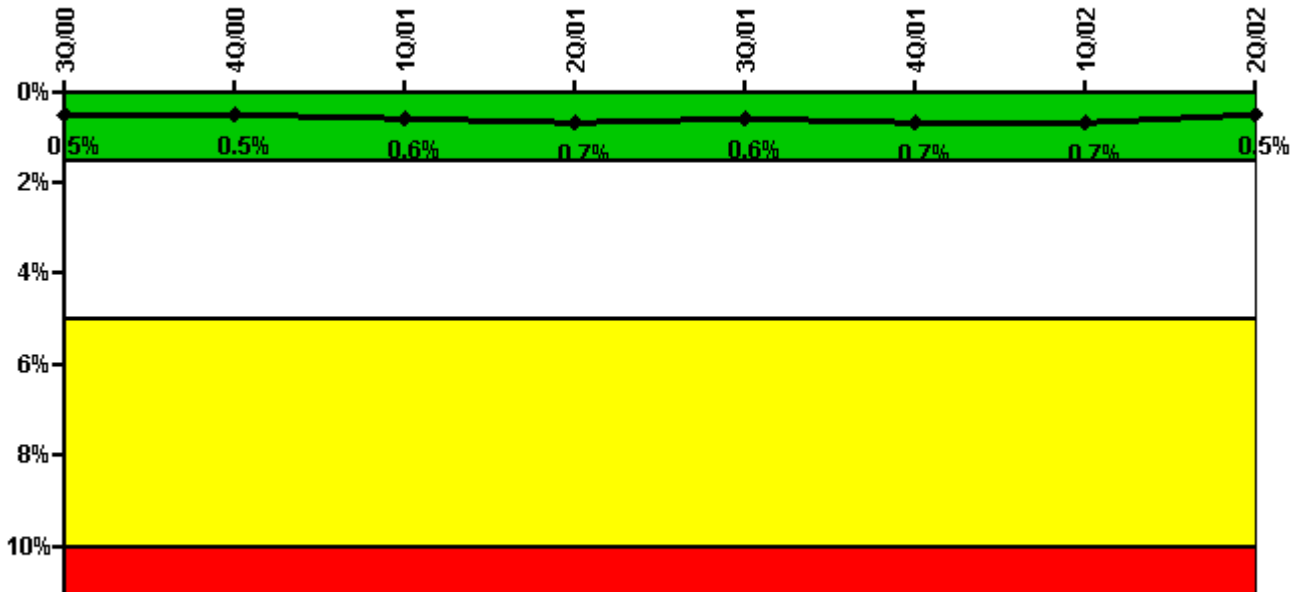
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours	1.03	1.90	4.10	1.50	16.10	3.50	2.80	10.10
Unplanned unavailable hours	0	0	0	0	0	2.50	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	1656.00	2160.00	2183.00
Train 2								
Planned unavailable hours	0	1.80	1.30	1.60	15.40	2.20	1.30	1.90
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	1656.00	2160.00	2183.00
Train 3								
Planned unavailable hours	2.50	27.90	10.60	6.20	38.60	18.20	11.30	11.50
Unplanned unavailable hours	0	0	0	0	0	7.80	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	1656.00	2160.00	2183.00
Indicator value	0.3%	0.3%	0.3%	0.3%	0.4%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

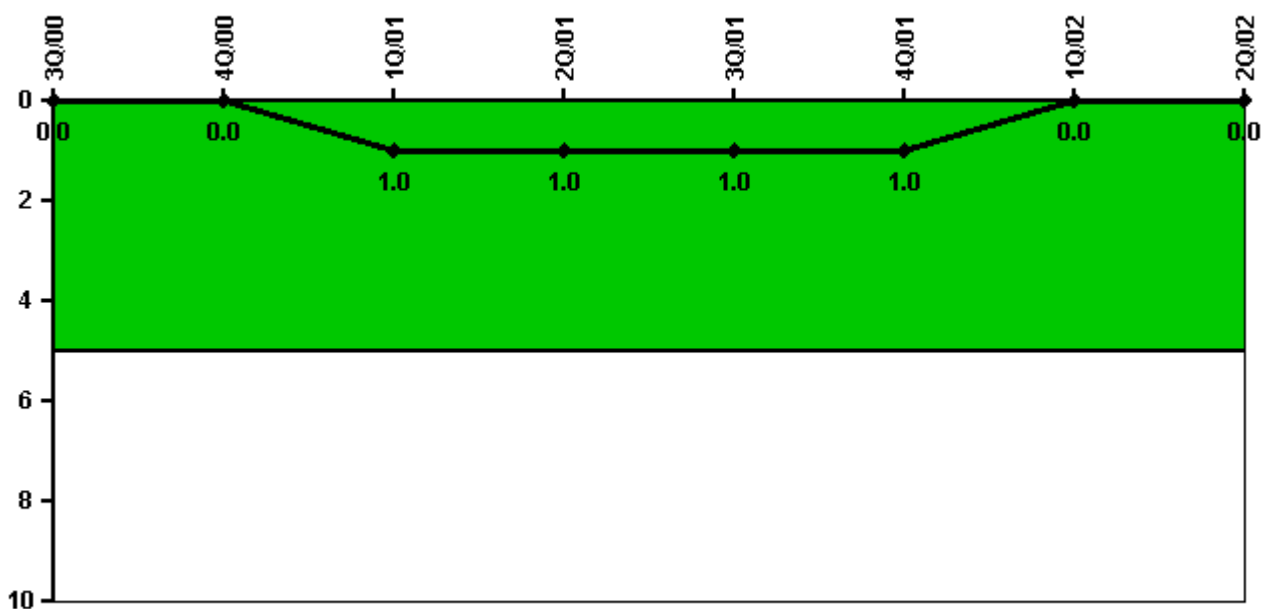
Notes

Safety System Unavailability, Residual Heat Removal System	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours	57.80	0	57.00	1.00	0.50	63.60	4.10	9.10
Unplanned unavailable hours	0	0	0	0	40.80	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	1647.90	2160.00	2183.00
Train 2								
Planned unavailable hours	2.60	15.40	48.30	1.10	0.80	42.50	2.80	49.90
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	1647.90	2160.00	2183.00
Train 3								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	0	0	0	0	553.20	0	0
Train 4								
Planned unavailable hours	0	0	0	0	0	0	0	0

Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	0	0	0	0	553.20	0	0
Indicator value	0.5%	0.5%	0.6%	0.7%	0.6%	0.7%	0.7%	0.5%

Licensee Comments: none

Safety System Functional Failures (PWR)



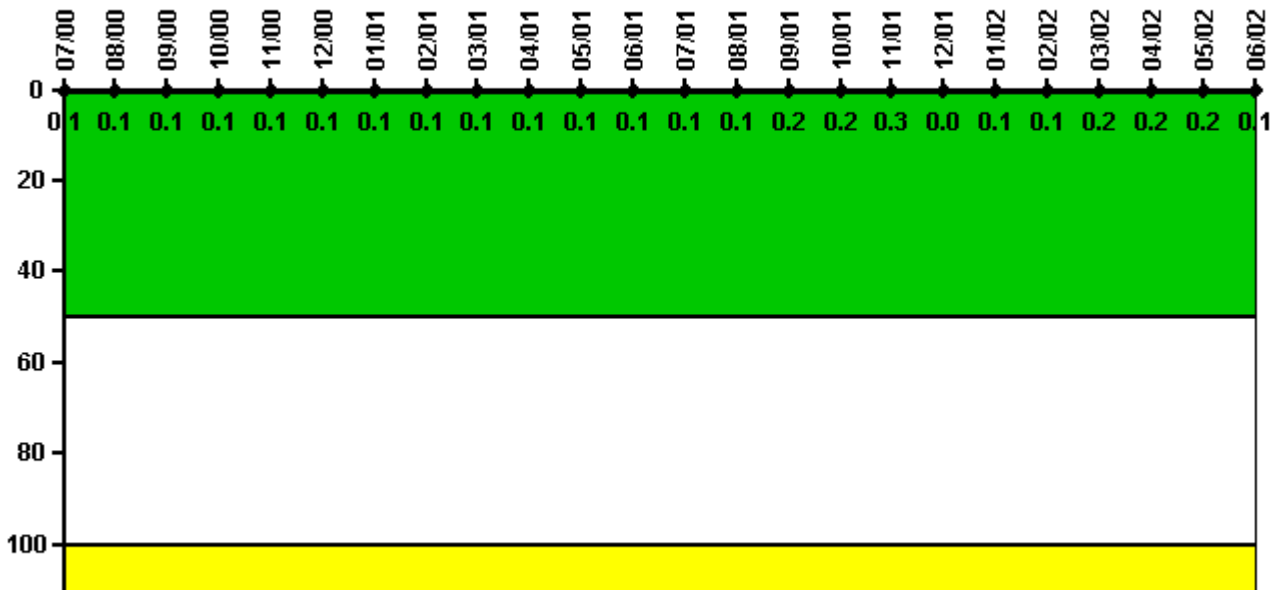
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Safety System Functional Failures	0	0	1	0	0	0	0	0
Indicator value	0	0	1	1	1	1	0	0

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

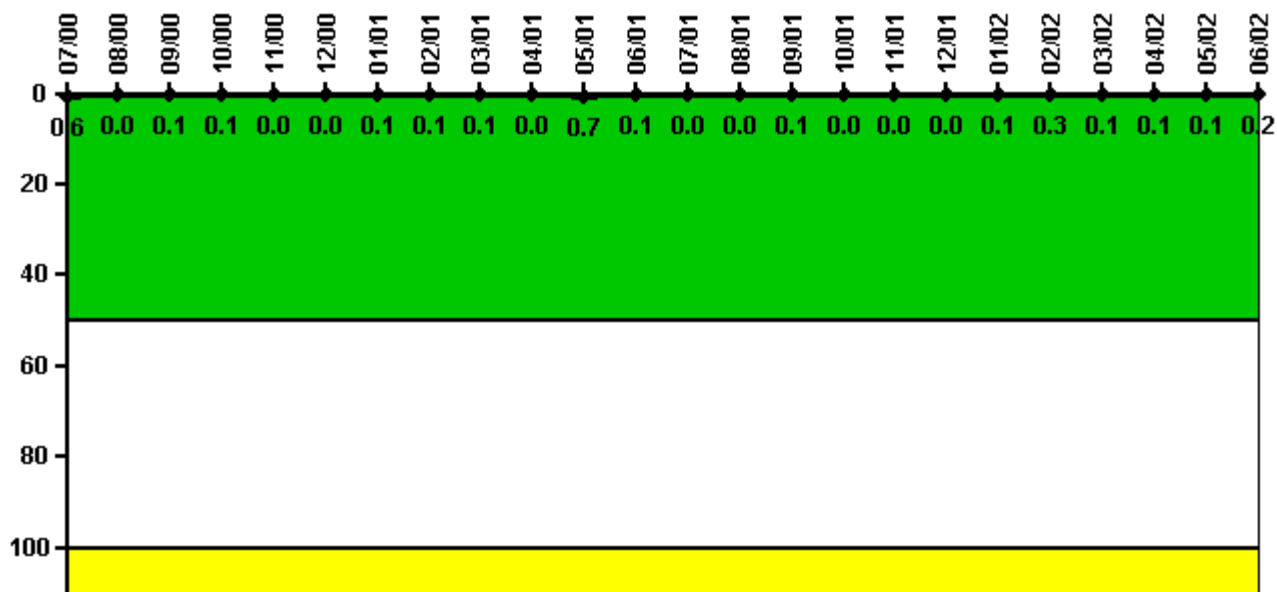
Notes

Reactor Coolant System Activity	7/00	8/00	9/00	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum activity	0.000927	0.001010	0.001020	0.001150	0.001050	0.001150	0.001230	0.001170	0.001310	0.001270	0.001300	0.001440
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
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

Reactor Coolant System Activity	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02
Maximum activity	0.001310	0.001460	0.001520	0.001660	0.002580	0.000466	0.000991	0.001320	0.001890	0.001580	0.001610	0.001460
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.2	0.2	0.3	0	0.1	0.1	0.2	0.2	0.2	0.1

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

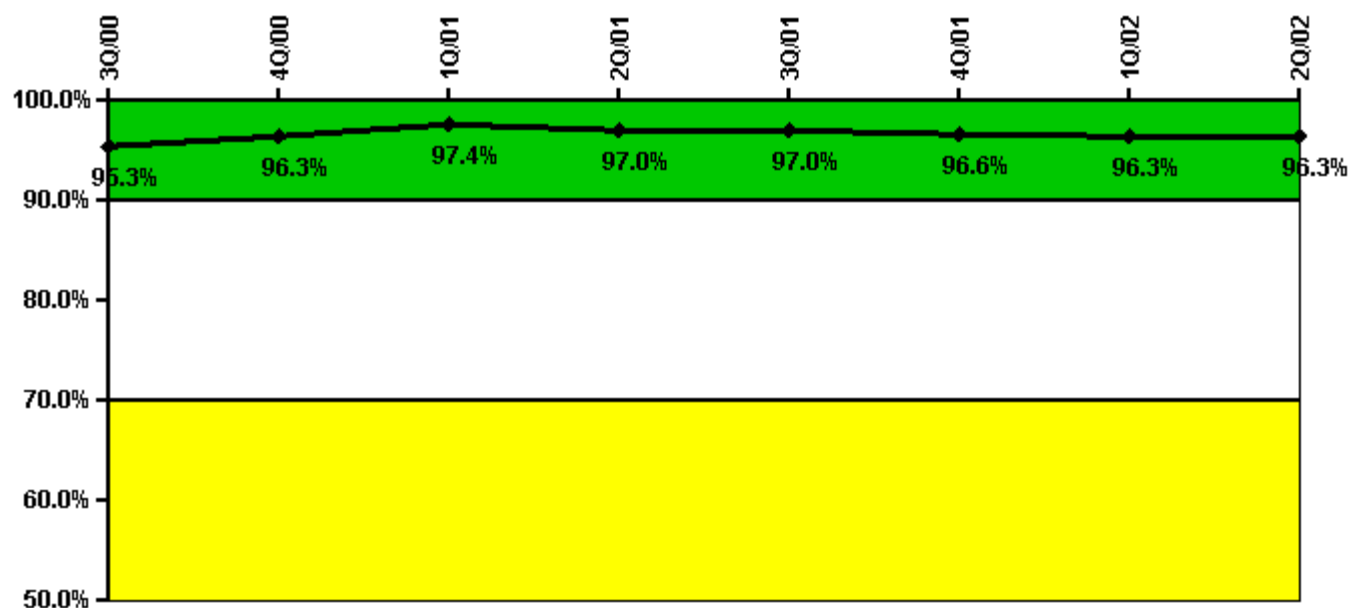
Notes

Reactor Coolant System Leakage	7/00	8/00	9/00	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum leakage	0.060	0	0.010	0.010	0	0	0.010	0.010	0.010	0	0.070	0.010
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.6	0	0.1	0.1	0	0	0.1	0.1	0.1	0	0.7	0.1

Reactor Coolant System Leakage	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02
Maximum leakage	0	0	0.010	0.004	0	0	0.010	0.030	0.010	0.010	0.010	0.020
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0	0.1	0	0	0	0.1	0.3	0.1	0.1	0.1	0.2

Licensee Comments: none

Drill/Exercise Performance



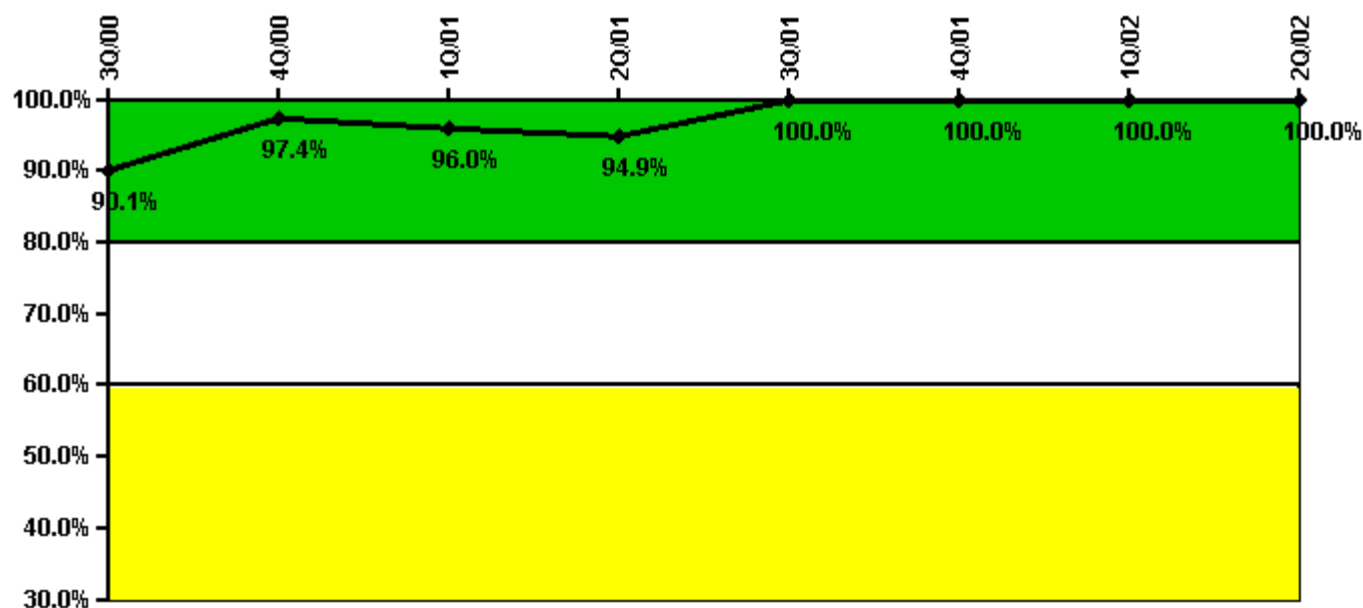
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Successful opportunities	65.0	127.0	8.0	39.0	82.0	12.0	47.0	13.0
Total opportunities	65.0	130.0	8.0	43.0	85.0	13.0	50.0	14.0
Indicator value	95.3%	96.3%	97.4%	97.0%	97.0%	96.6%	96.3%	96.3%

Licensee Comments: none

ERO Drill Participation



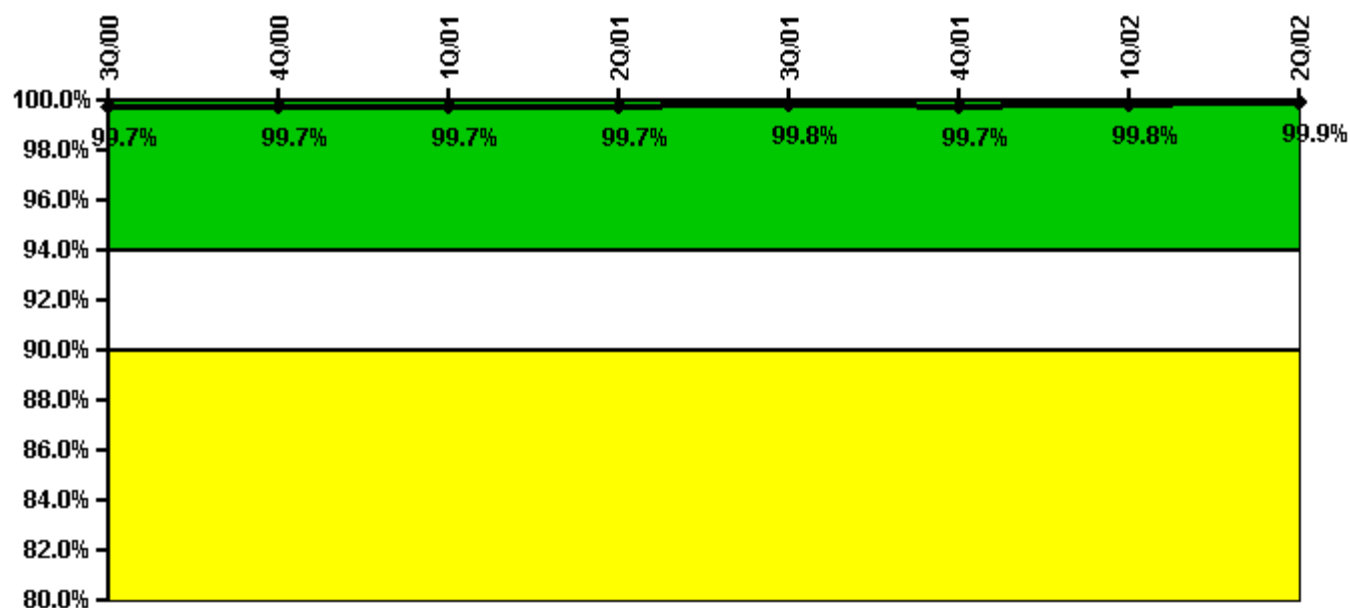
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Participating Key personnel	73.0	75.0	72.0	75.0	79.0	72.0	72.0	75.0
Total Key personnel	81.0	77.0	75.0	79.0	79.0	72.0	72.0	75.0
Indicator value	90.1%	97.4%	96.0%	94.9%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



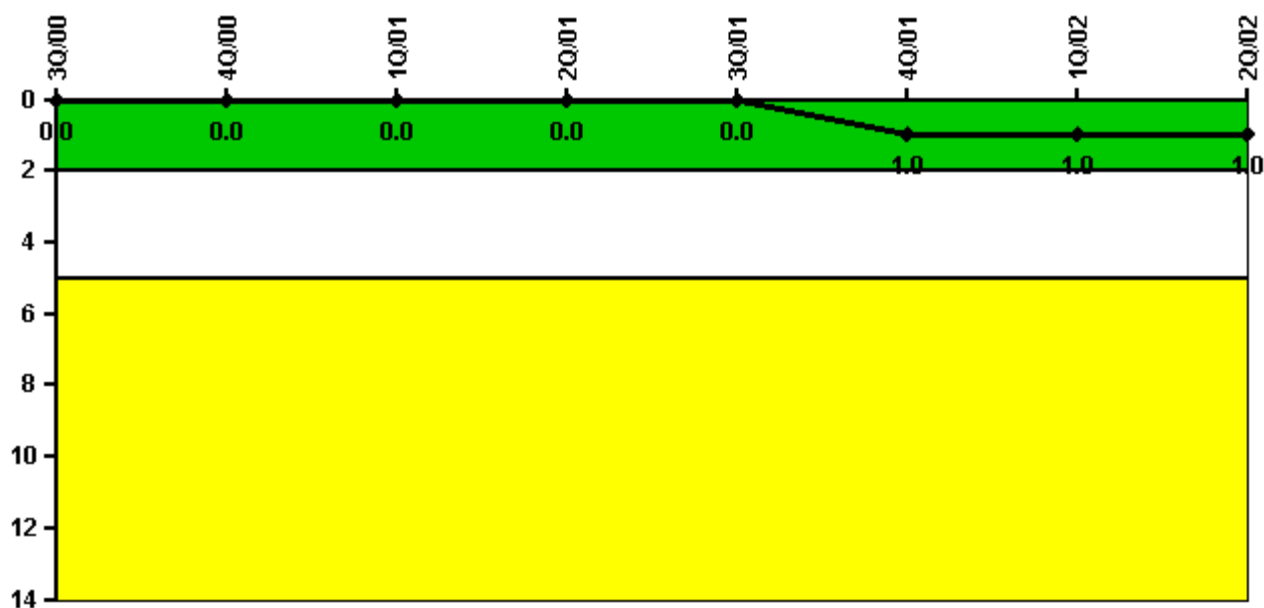
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Successful siren-tests	694	522	607	521	703	527	704	527
Total sirens-tests	696	522	609	523	704	528	704	528
Indicator value	99.7%	99.7%	99.7%	99.7%	99.8%	99.7%	99.8%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness

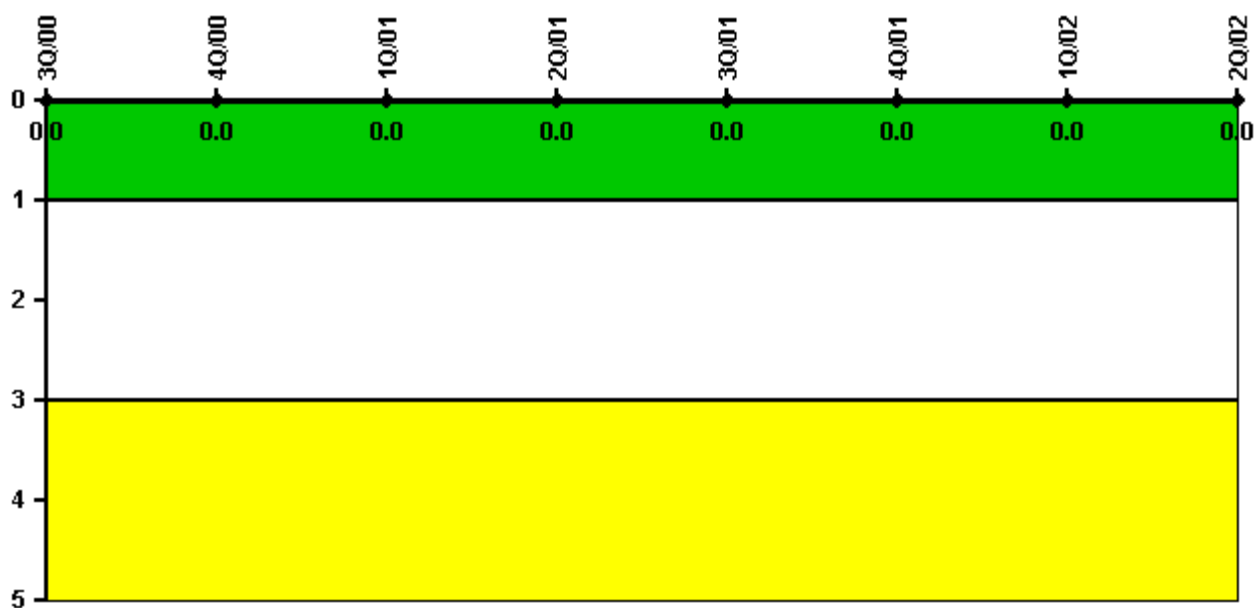


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
High radiation area occurrences	0	0	0	0	0	1	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	1	1	1

Licensee Comments: none

RETS/ODCM Radiological Effluent

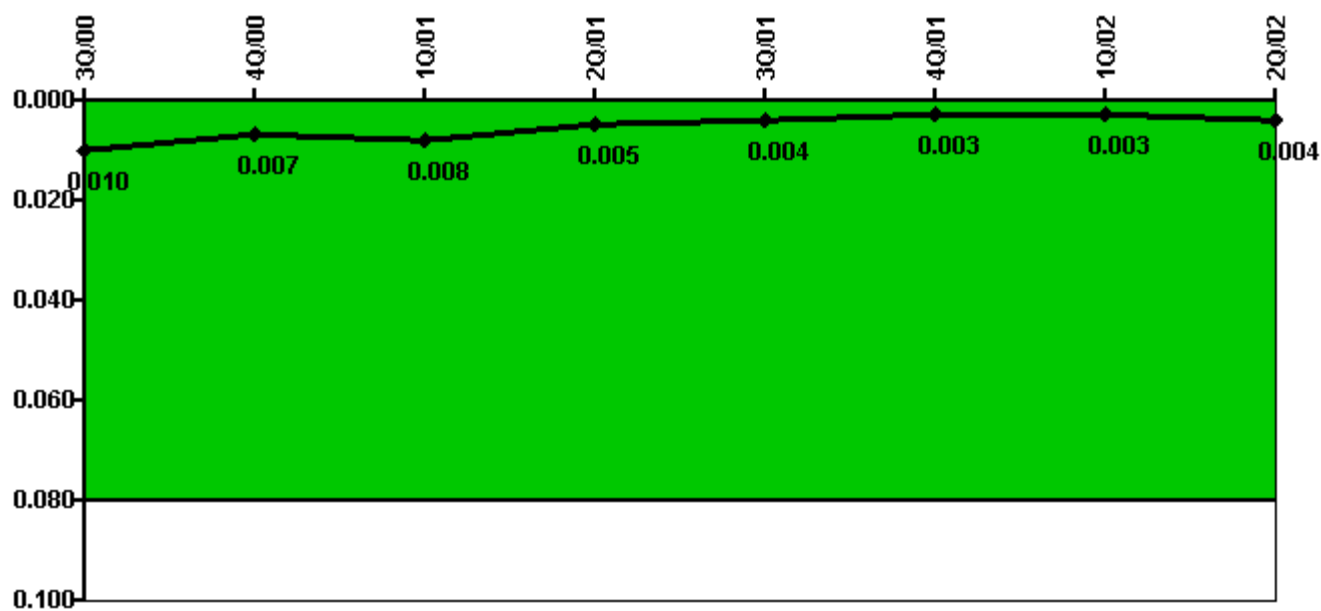
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index



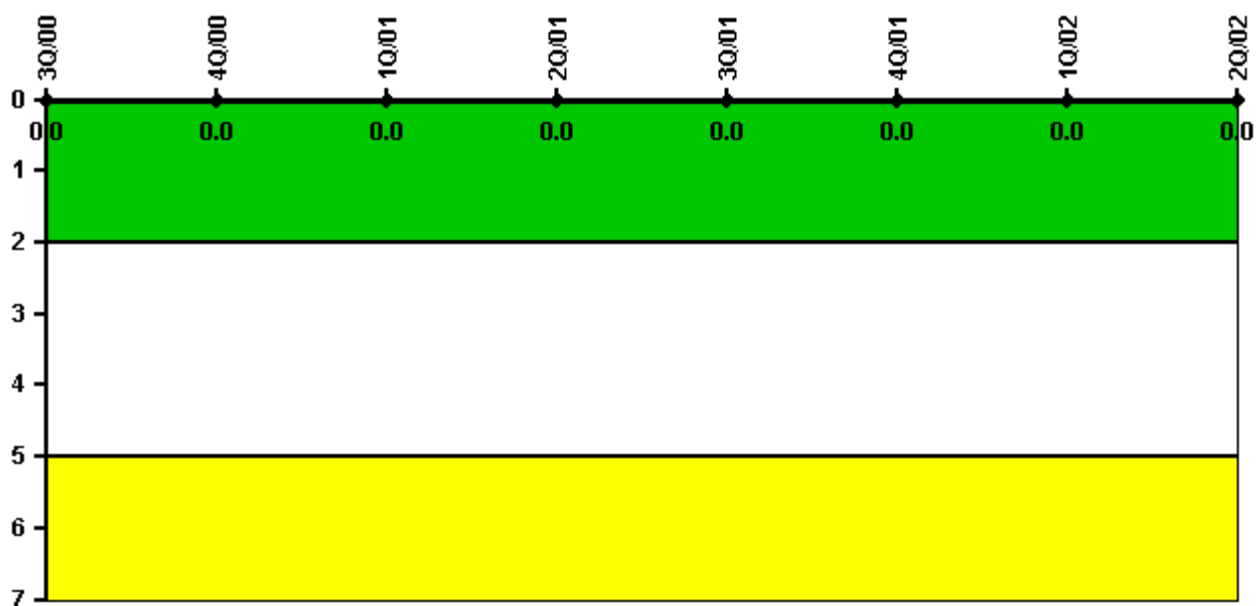
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
IDS compensatory hours	106.00	25.60	12.75	0	81.20	2.70	15.60	39.30
CCTV compensatory hours	0	0	0	0	0	0	0	0
IDS normalization factor	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80
CCTV normalization factor	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Index Value	0.010	0.007	0.008	0.005	0.004	0.003	0.003	0.004

Licensee Comments: none

Personnel Screening Program



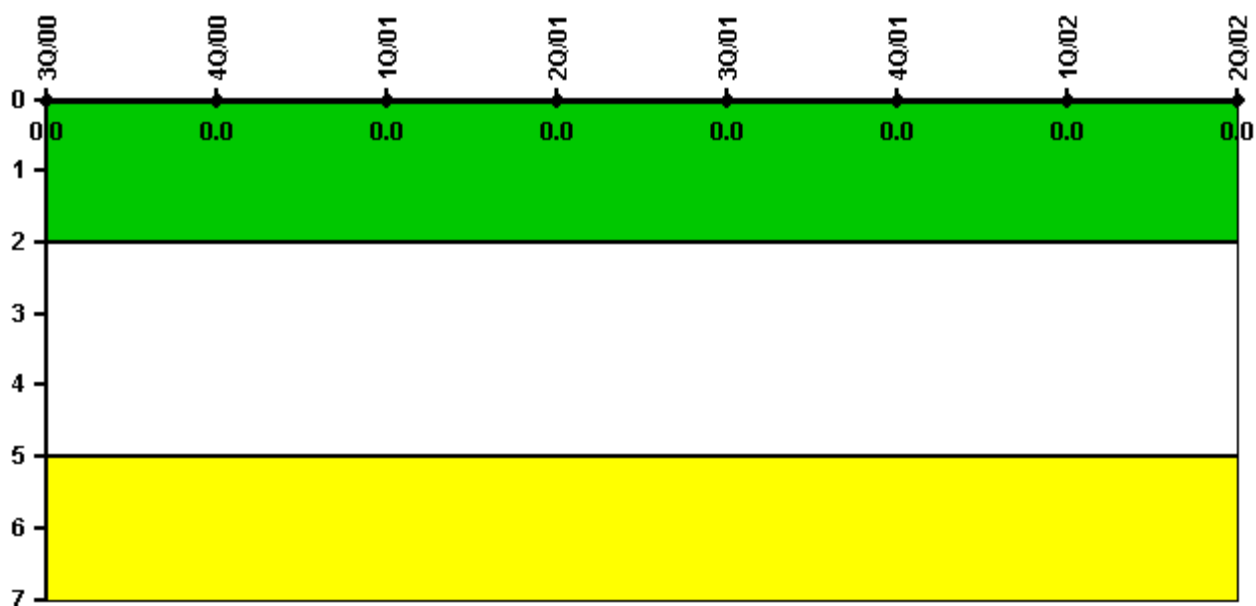
Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Program failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Program Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

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

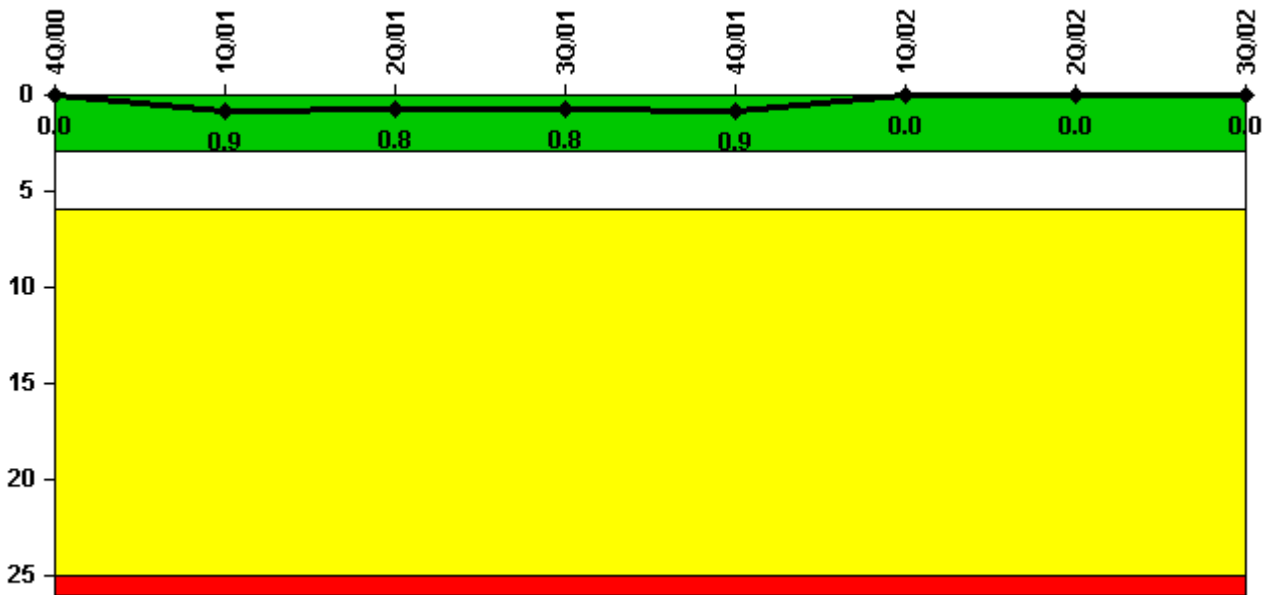
Last Modified: July 31, 2002

Saint Lucie 2

3Q/2002 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



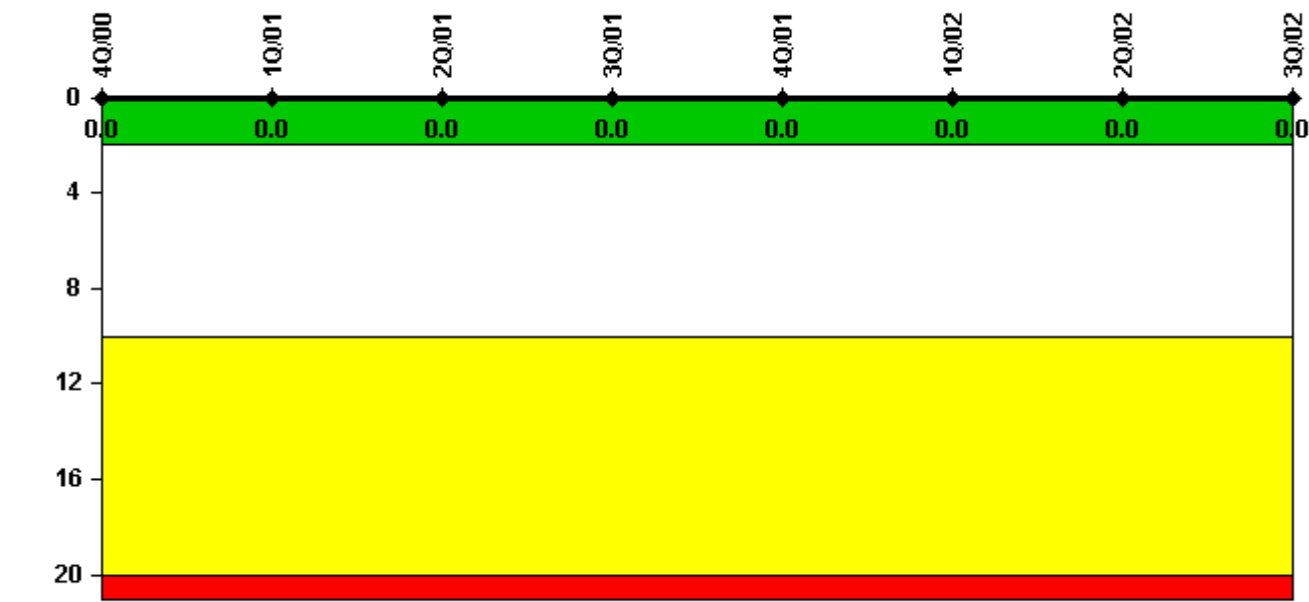
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Unplanned scrams	0	1.0	0	0	0	0	0	0
Critical hours	2209.0	2088.3	2183.0	2208.0	1567.0	2145.4	2183.0	2208.0
Indicator value	0	0.9	0.8	0.8	0.9	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



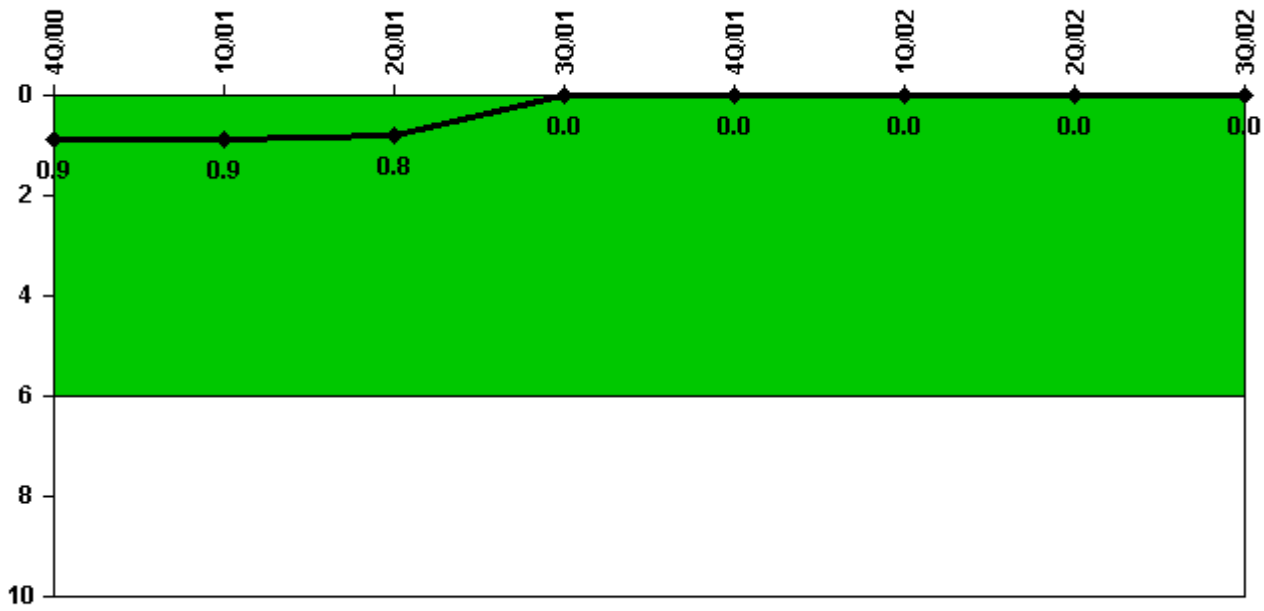
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
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



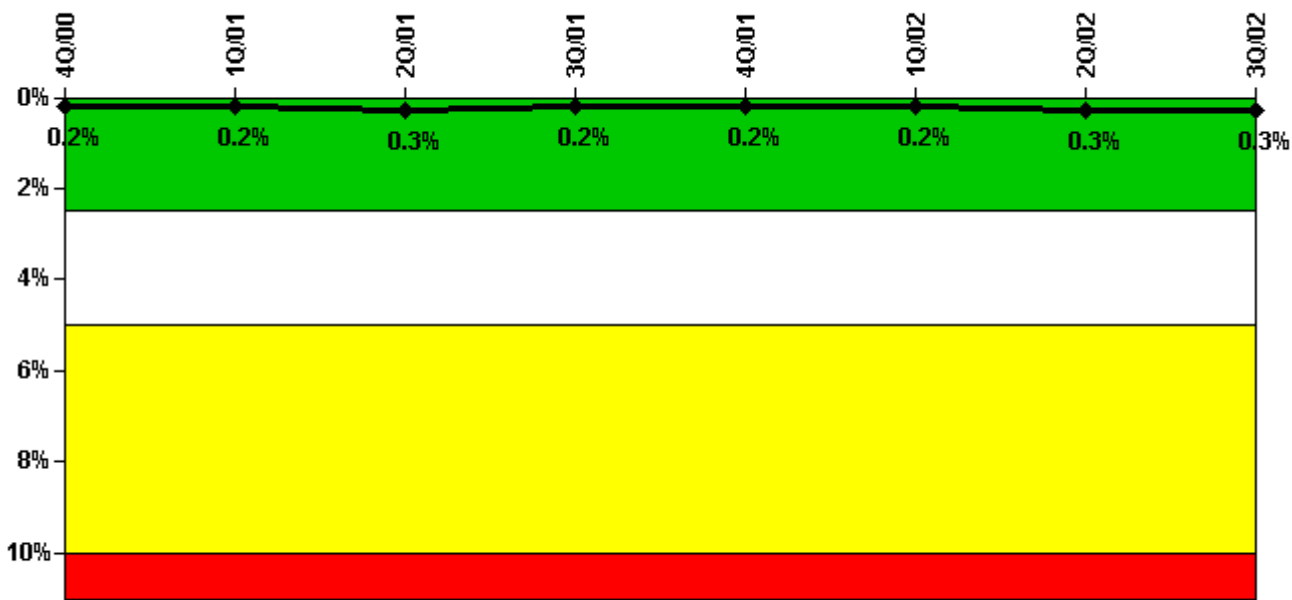
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2209.0	2088.3	2183.0	2208.0	1567.0	2145.4	2183.0	2208.0
Indicator value	0.9	0.9	0.8	0	0	0	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



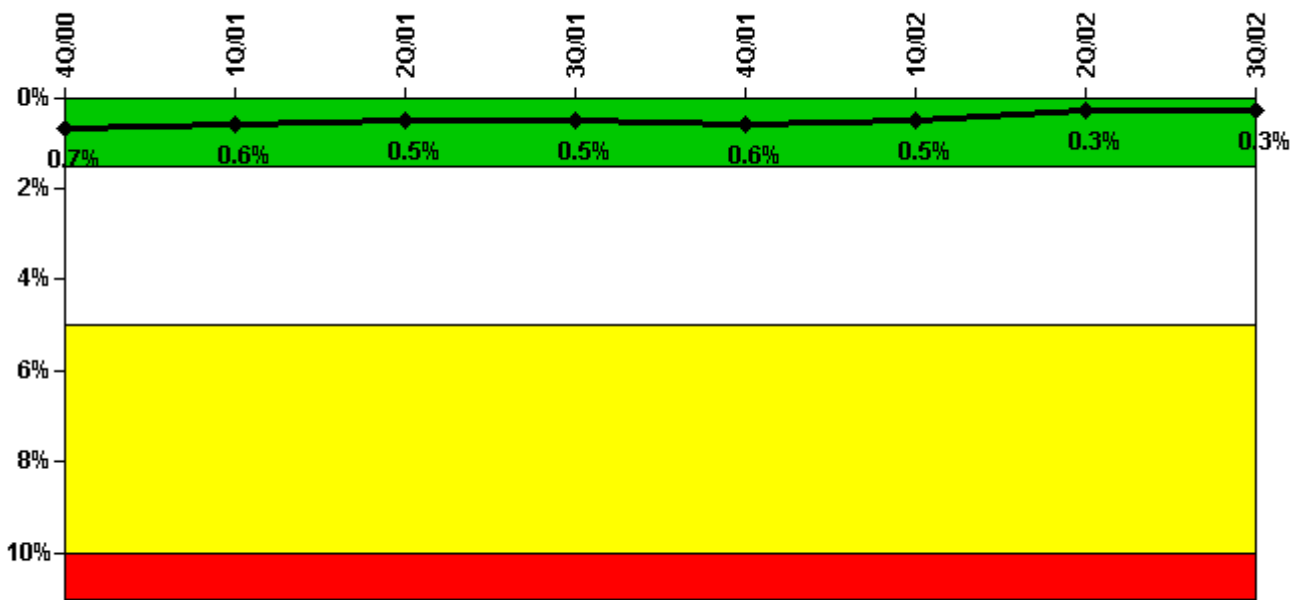
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Train 1								
Planned unavailable hours	6.60	7.70	6.90	4.20	3.60	5.40	5.90	6.40
Unplanned unavailable hours	0	0	0	0	0	0	1.90	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	1941.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	4.70	5.70	5.80	4.30	3.60	6.20	5.90	6.50
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	1941.00	2160.00	2183.00	2208.00
Indicator value	0.2%	0.2%	0.3%	0.2%	0.2%	0.2%	0.3%	0.3%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



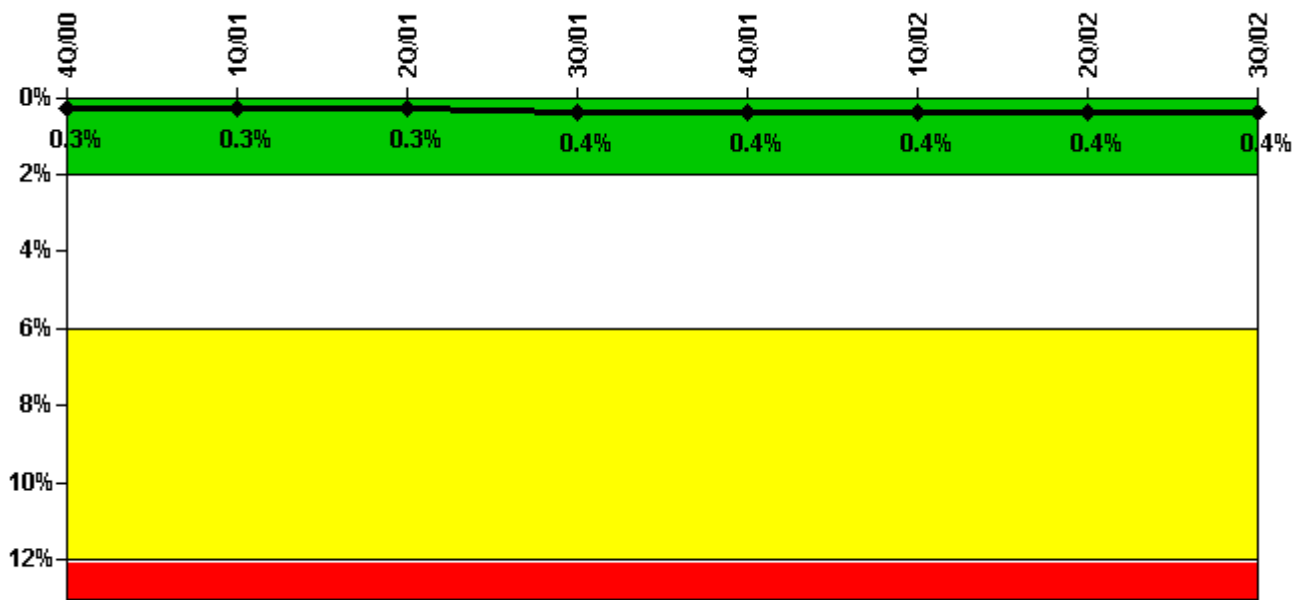
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Train 1								
Planned unavailable hours	0	0.30	1.00	0.50	32.30	0.50	6.00	0.90
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	1679.20	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	0.90	0.80	0.50	0.80	38.00	0.90	7.00	0.60
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	1679.20	2160.00	2183.00	2208.00
Indicator value	0.7%	0.6%	0.5%	0.5%	0.6%	0.5%	0.3%	0.3%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Train 1								
Planned unavailable hours	1.90	4.10	1.50	16.10	3.50	2.80	10.10	1.30
Unplanned unavailable hours	0	0	0	0	2.50	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	1656.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	1.80	1.30	1.60	15.40	2.20	1.30	1.90	2.80
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	1656.00	2160.00	2183.00	2208.00
Train 3								
Planned unavailable hours	27.90	10.60	6.20	38.60	18.20	11.30	11.50	7.40
Unplanned unavailable hours	0	0	0	0	7.80	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	1656.00	2160.00	2183.00	2208.00
Indicator value	0.3%	0.3%	0.3%	0.4%	0.4%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



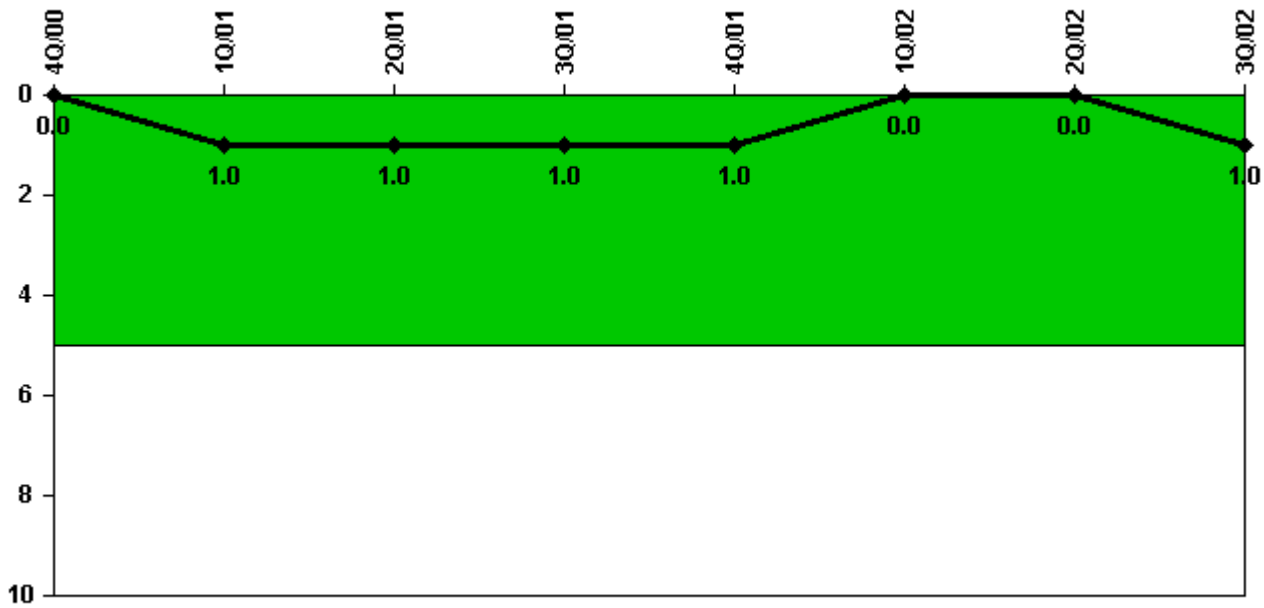
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Train 1								
Planned unavailable hours	0	57.00	1.00	0.50	63.60	4.10	9.10	49.00
Unplanned unavailable hours	0	0	0	40.80	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	1647.90	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	15.40	48.30	1.10	0.80	42.50	2.80	49.90	4.10
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	1647.90	2160.00	2183.00	2208.00
Train 3								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	0	0	0	553.20	0	0	0
Train 4								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	0	0	0	553.20	0	0	0
Indicator value	0.5%	0.6%	0.7%	0.6%	0.7%	0.7%	0.5%	0.5%

Licensee Comments: none

Safety System Functional Failures (PWR)



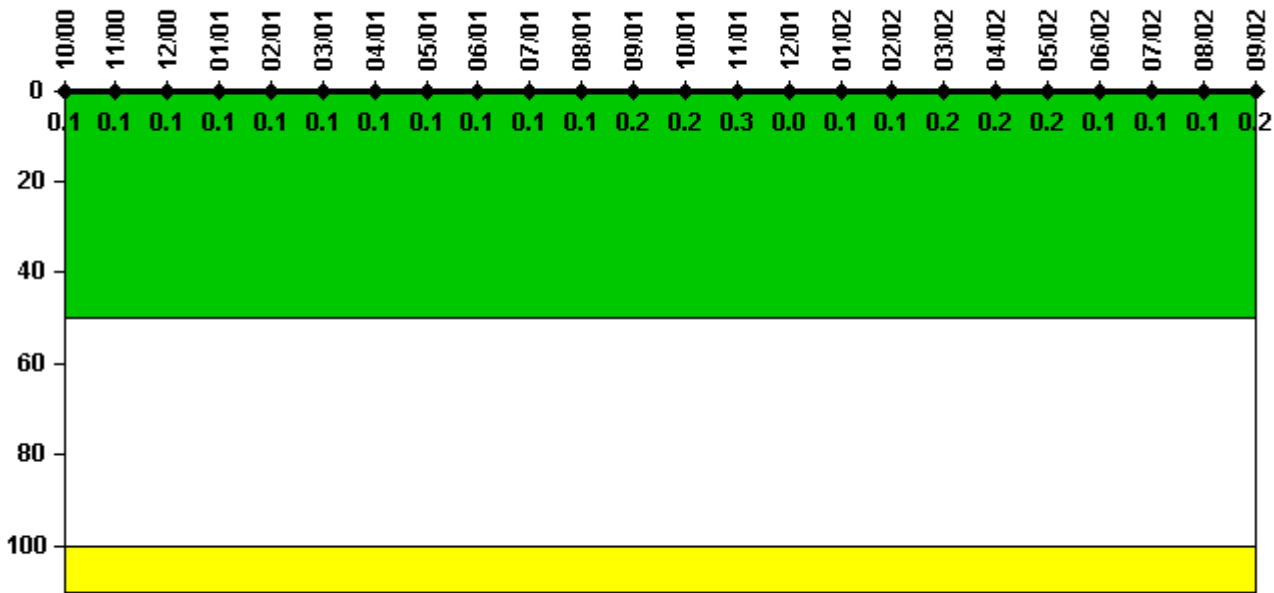
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Safety System Functional Failures	0	1	0	0	0	0	0	1
Indicator value	0	1	1	1	1	0	0	1

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

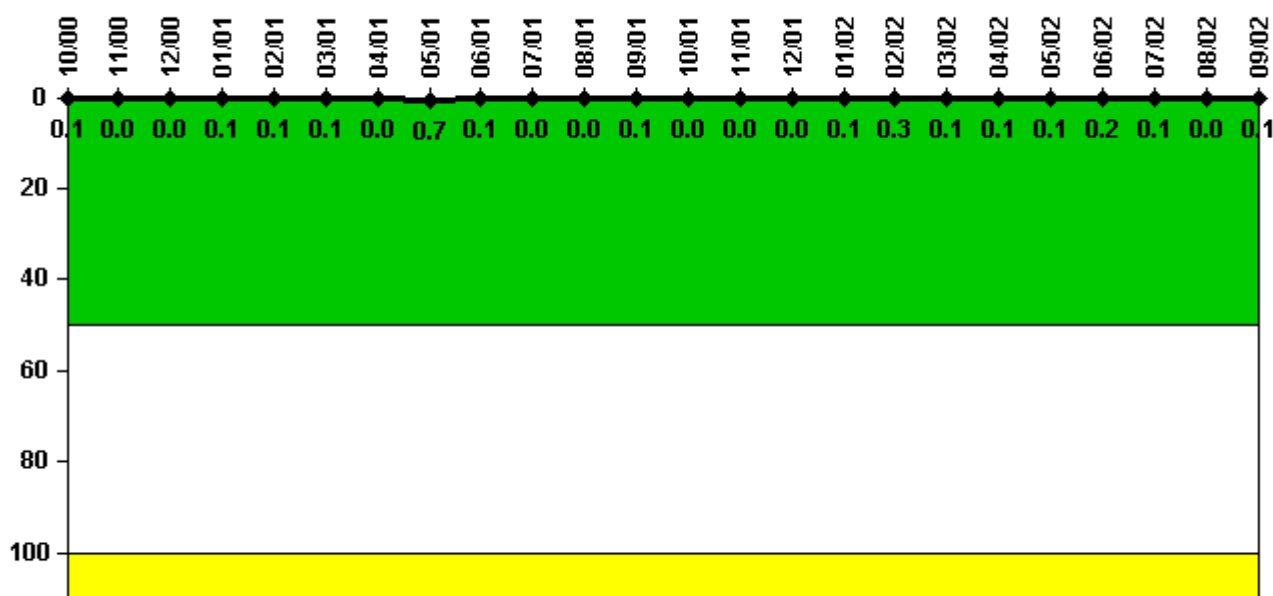
Notes

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01
Maximum activity	0.001150	0.001050	0.001150	0.001230	0.001170	0.001310	0.001270	0.001300	0.001440	0.001310	0.001460	0.001520
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2

Reactor Coolant System Activity	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02
Maximum activity	0.001660	0.002580	0.000466	0.000991	0.001320	0.001890	0.001580	0.001610	0.001460	0.001490	0.001470	0.001730
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.2	0.3	0	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.2

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

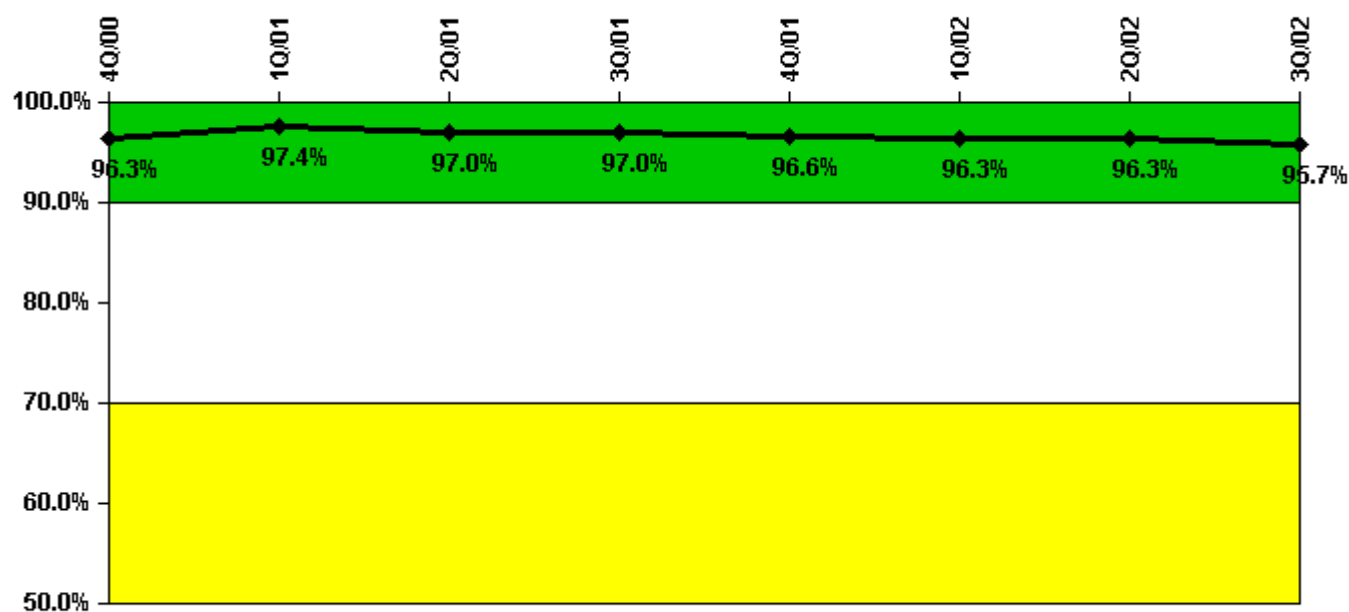
Notes

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01
Maximum leakage	0.010	0	0	0.010	0.010	0.010	0	0.070	0.010	0	0	0.010
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0	0	0.1	0.1	0.1	0	0.7	0.1	0	0	0.1

Reactor Coolant System Leakage	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02
Maximum leakage	0.004	0	0	0.010	0.030	0.010	0.010	0.010	0.020	0.005	0	0.007
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0	0	0.1	0.3	0.1	0.1	0.1	0.2	0.1	0	0.1

Licensee Comments: none

Drill/Exercise Performance



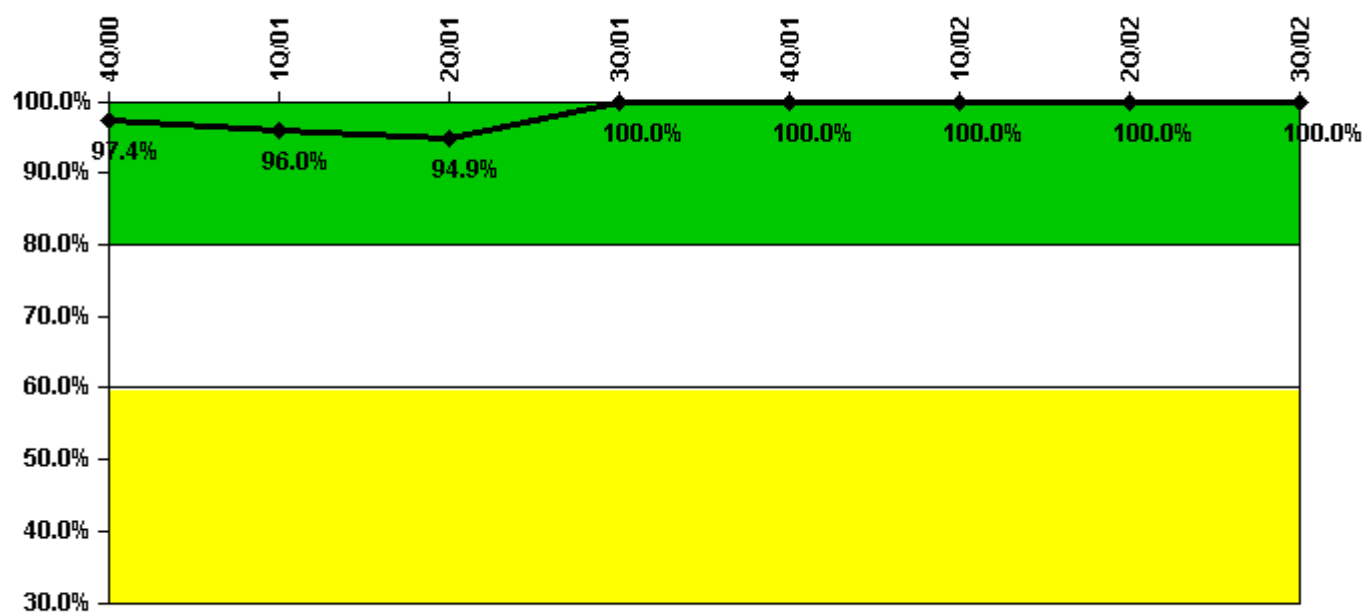
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Successful opportunities	127.0	8.0	39.0	82.0	12.0	47.0	13.0	72.0
Total opportunities	130.0	8.0	43.0	85.0	13.0	50.0	14.0	75.0
Indicator value	96.3%	97.4%	97.0%	97.0%	96.6%	96.3%	96.3%	95.7%

Licensee Comments: none

ERO Drill Participation



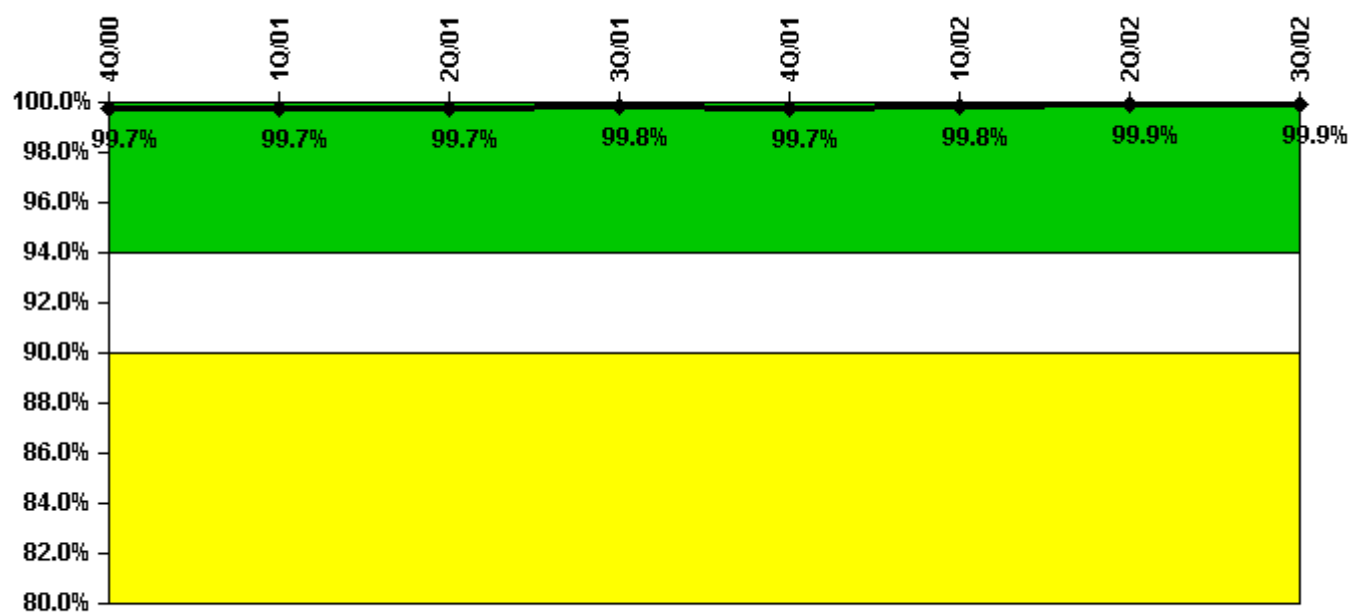
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Participating Key personnel	75.0	72.0	75.0	79.0	72.0	72.0	75.0	79.0
Total Key personnel	77.0	75.0	79.0	79.0	72.0	72.0	75.0	79.0
Indicator value	97.4%	96.0%	94.9%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



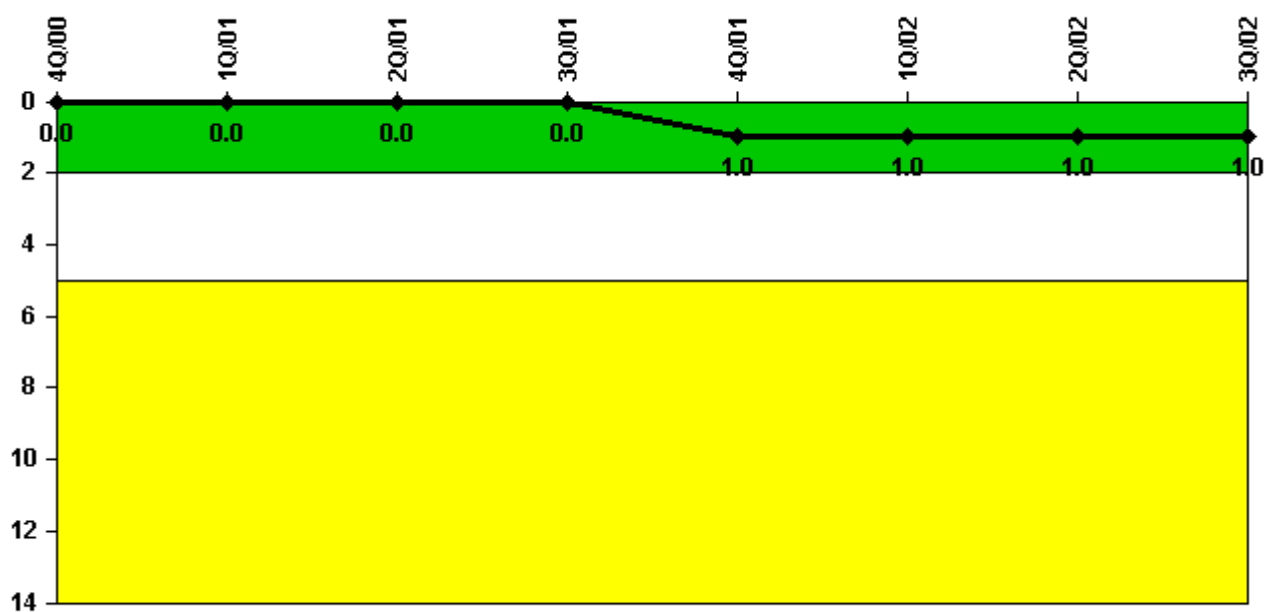
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Successful siren-tests	522	607	521	703	527	704	527	704
Total sirens-tests	522	609	523	704	528	704	528	704
Indicator value	99.7%	99.7%	99.7%	99.8%	99.7%	99.8%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness

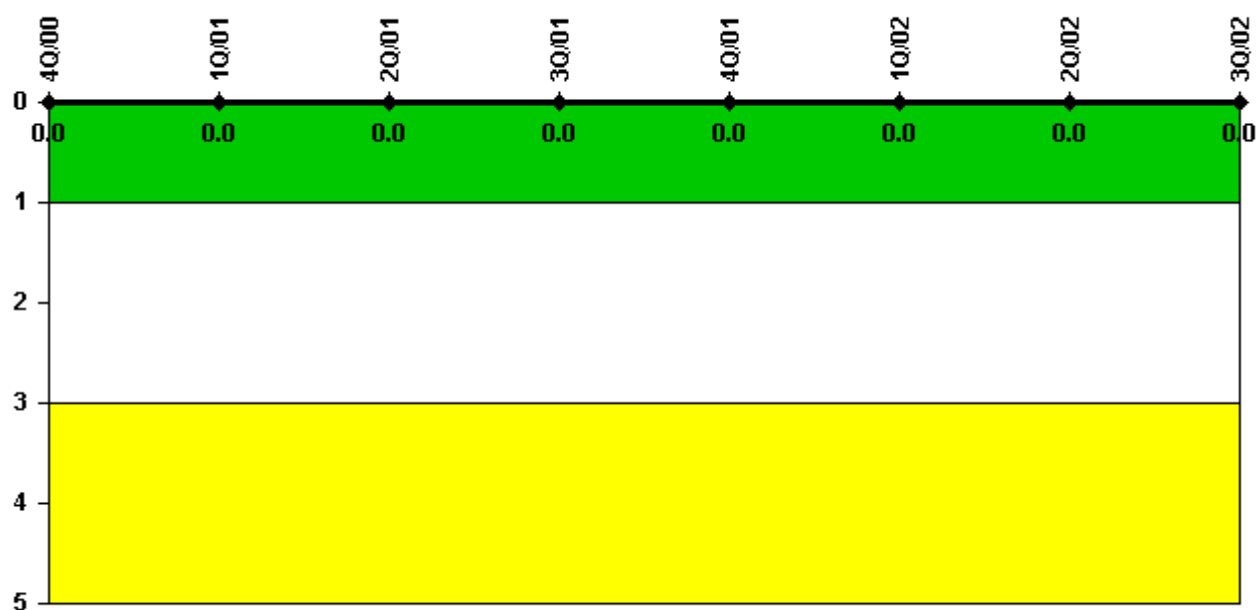


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
High radiation area occurrences	0	0	0	0	1	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	1	1	1	1

Licensee Comments: none

RETS/ODCM Radiological Effluent

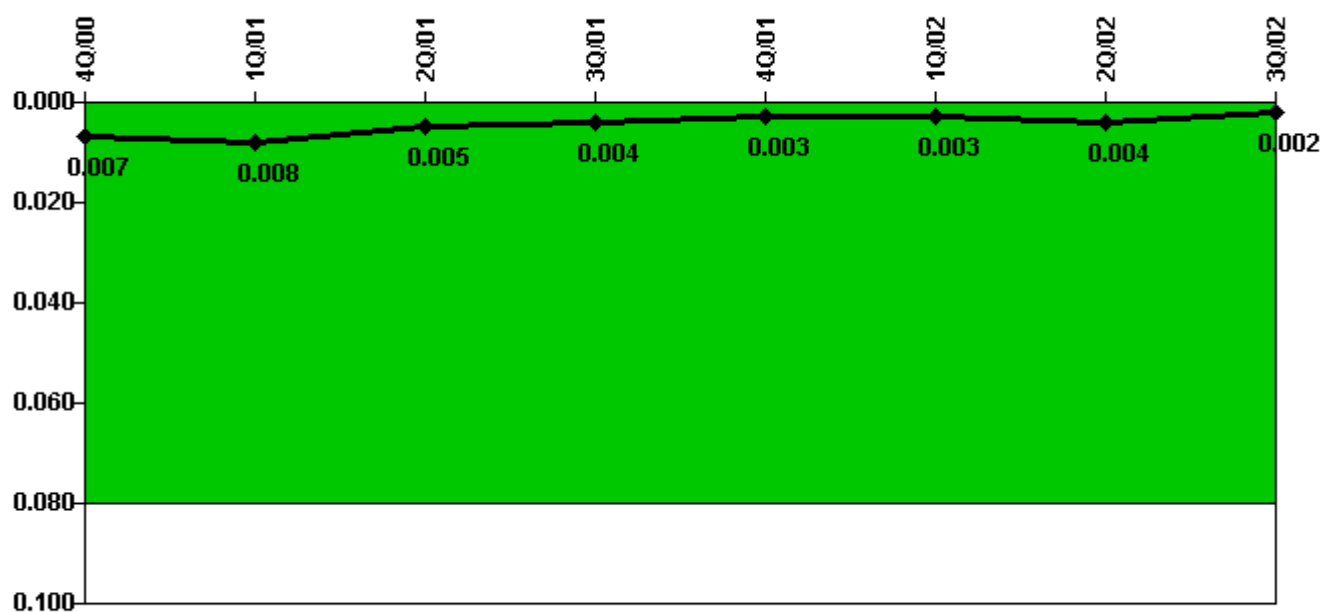
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index



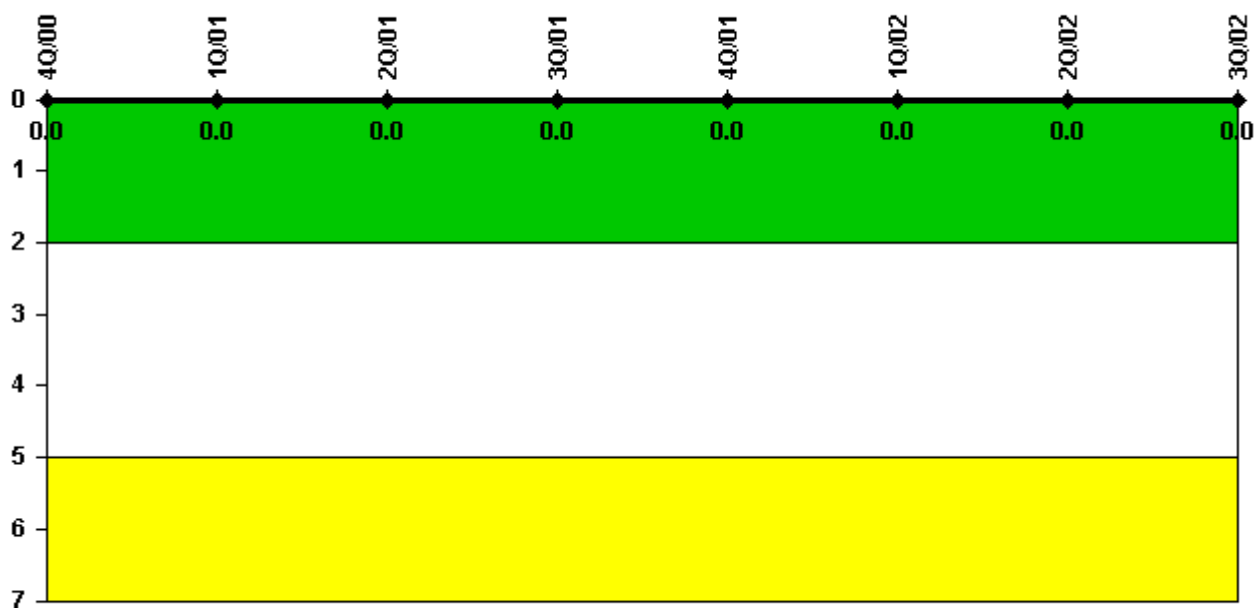
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
IDS compensatory hours	25.60	12.75	0	81.20	2.70	15.60	39.30	6.80
CCTV compensatory hours	0	0	0	0	0	0	0	0
IDS normalization factor	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80
CCTV normalization factor	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Index Value	0.007	0.008	0.005	0.004	0.003	0.003	0.004	0.002

Licensee Comments: none

Personnel Screening Program



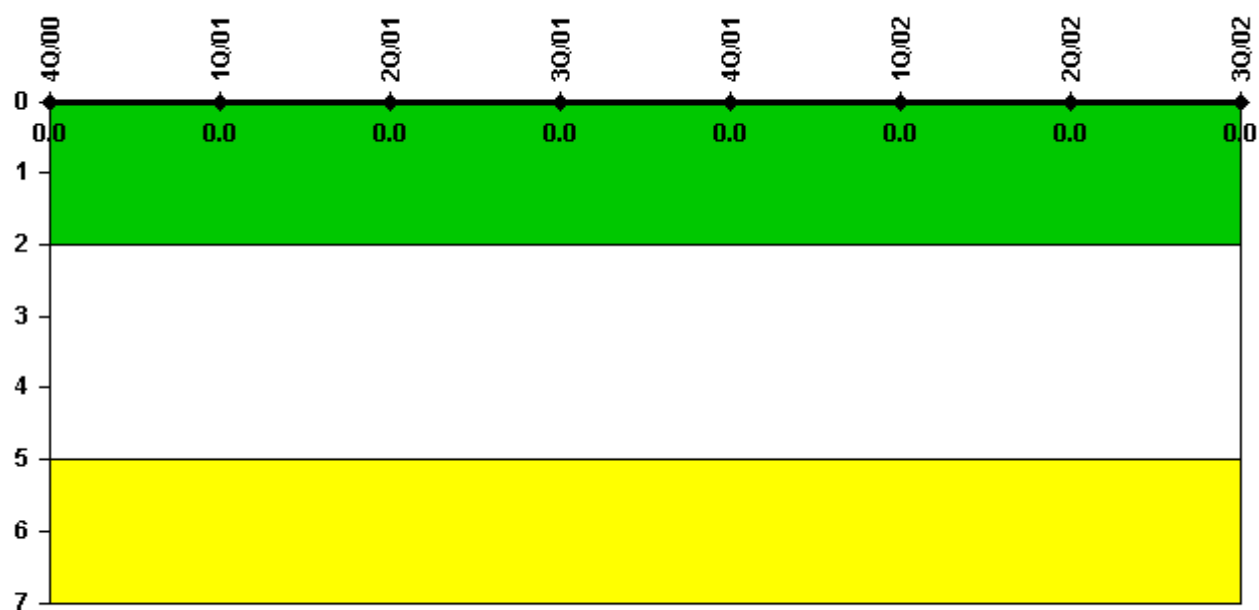
Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Program failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Program Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

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

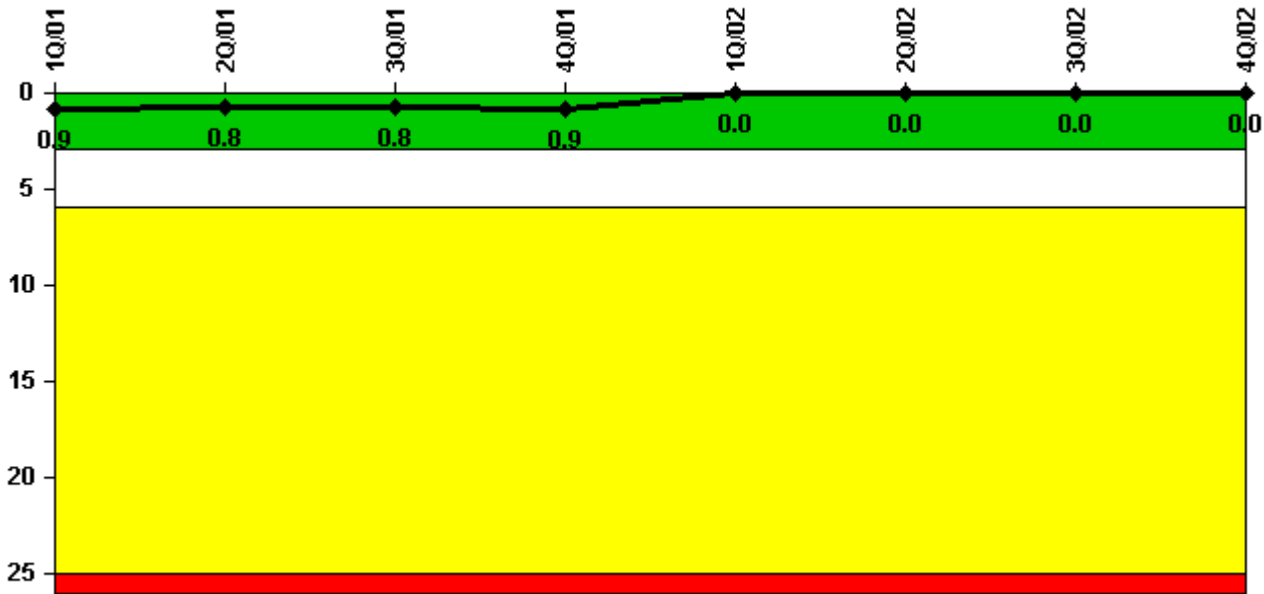
Last Modified: October 22, 2002

Saint Lucie 2

4Q/2002 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



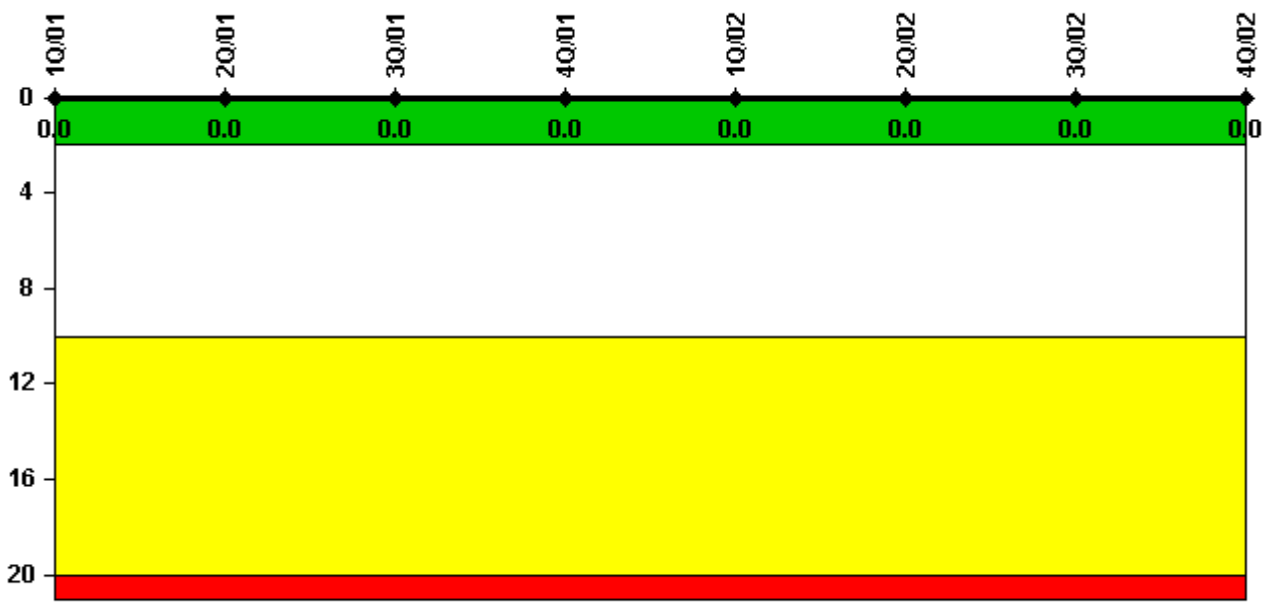
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Unplanned scrams	1.0	0	0	0	0	0	0	0
Critical hours	2088.3	2183.0	2208.0	1567.0	2145.4	2183.0	2208.0	2209.0
Indicator value	0.9	0.8	0.8	0.9	0	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



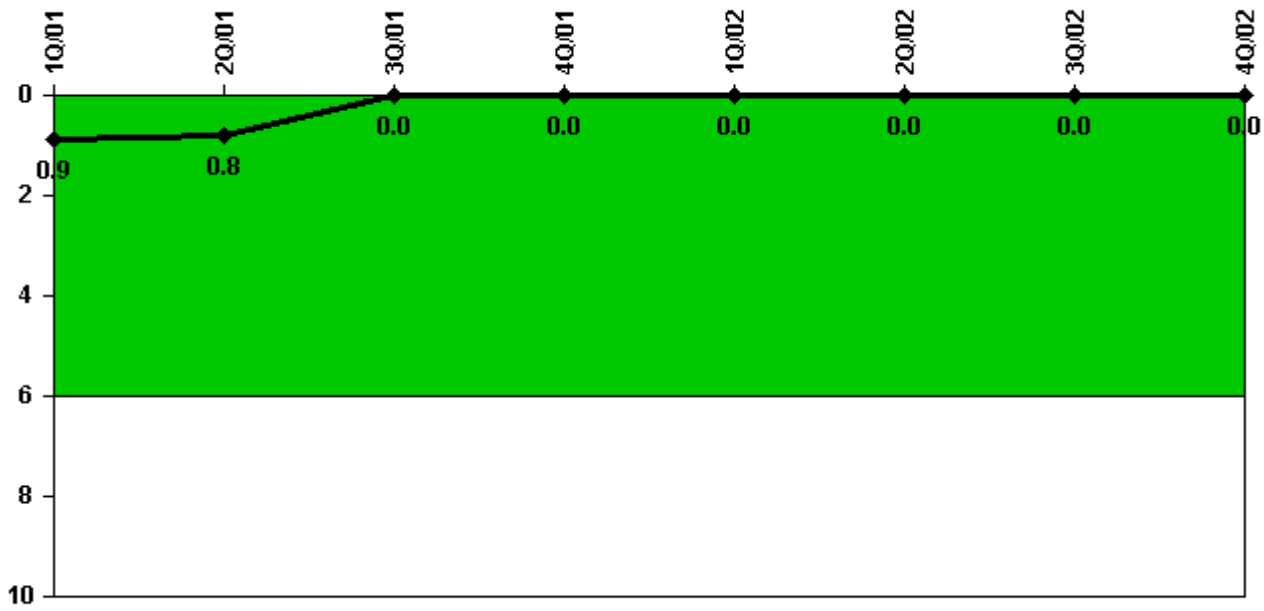
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
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



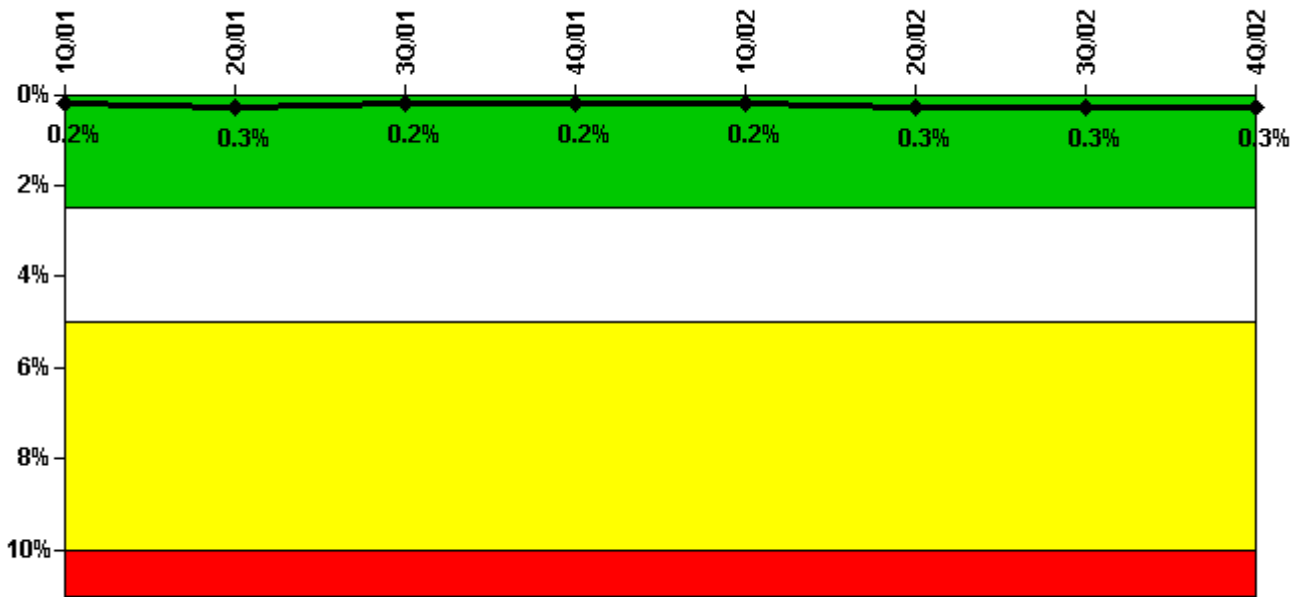
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2088.3	2183.0	2208.0	1567.0	2145.4	2183.0	2208.0	2209.0
Indicator value	0.9	0.8	0	0	0	0	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



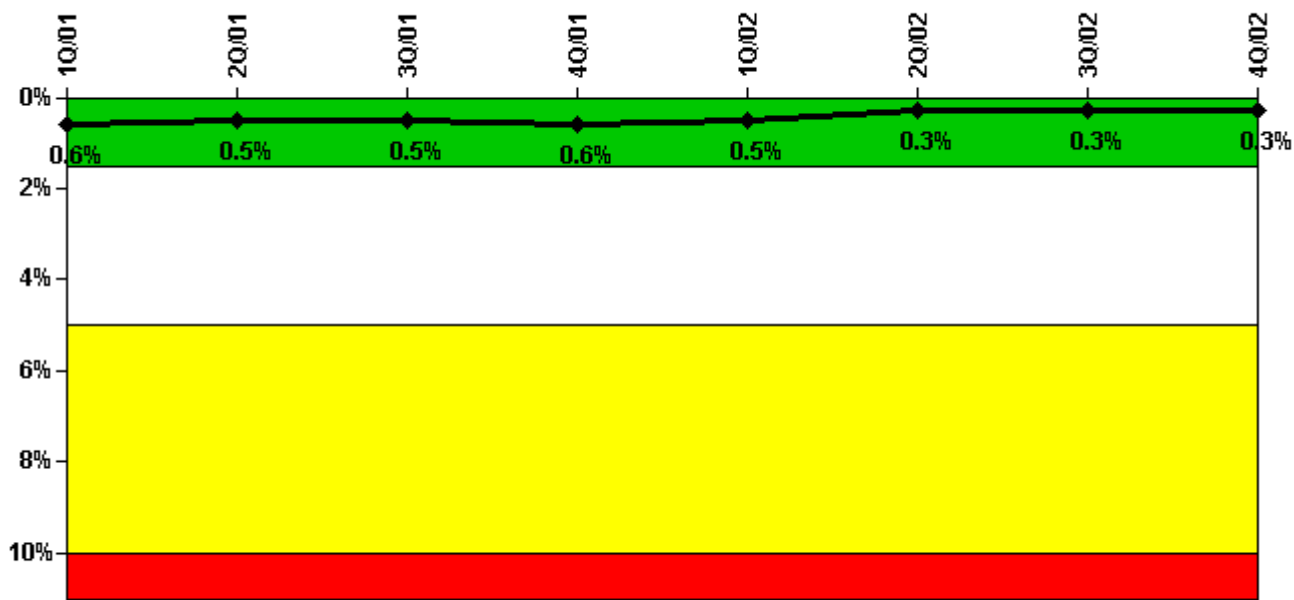
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Train 1								
Planned unavailable hours	7.70	6.90	4.20	3.60	5.40	5.90	6.40	7.00
Unplanned unavailable hours	0	0	0	0	0	1.90	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	1941.00	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	5.70	5.80	4.30	3.60	6.20	5.90	6.50	7.60
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	1941.00	2160.00	2183.00	2208.00	2209.00
Indicator value	0.2%	0.3%	0.2%	0.2%	0.2%	0.3%	0.3%	0.3%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



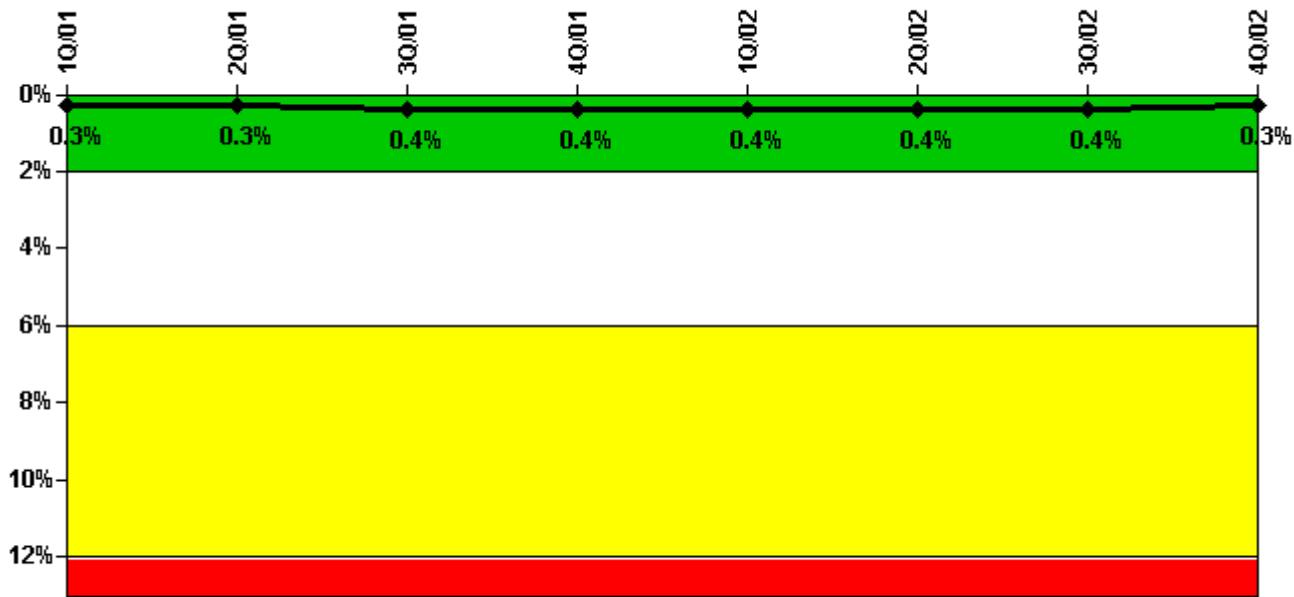
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Train 1								
Planned unavailable hours	0.30	1.00	0.50	32.30	0.50	6.00	0.90	0.40
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	1679.20	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	0.80	0.50	0.80	38.00	0.90	7.00	0.60	1.20
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	1679.20	2160.00	2183.00	2208.00	2209.00
Indicator value	0.6%	0.5%	0.5%	0.6%	0.5%	0.3%	0.3%	0.3%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



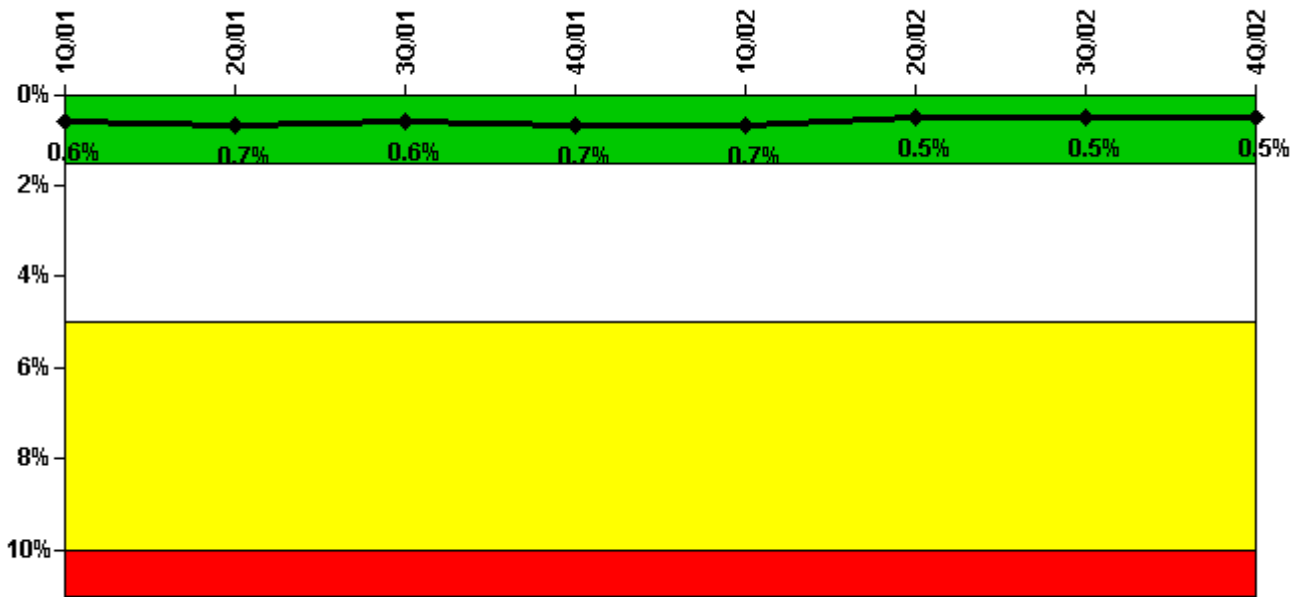
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Train 1								
Planned unavailable hours	4.10	1.50	16.10	3.50	2.80	10.10	1.30	2.00
Unplanned unavailable hours	0	0	0	2.50	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	1656.00	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	1.30	1.60	15.40	2.20	1.30	1.90	2.80	2.20
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	1656.00	2160.00	2183.00	2208.00	2209.00
Train 3								
Planned unavailable hours	10.60	6.20	38.60	18.20	11.30	11.50	7.40	14.20
Unplanned unavailable hours	0	0	0	7.80	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	1656.00	2160.00	2183.00	2208.00	2209.00
Indicator value	0.3%	0.3%	0.4%	0.4%	0.4%	0.4%	0.4%	0.3%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



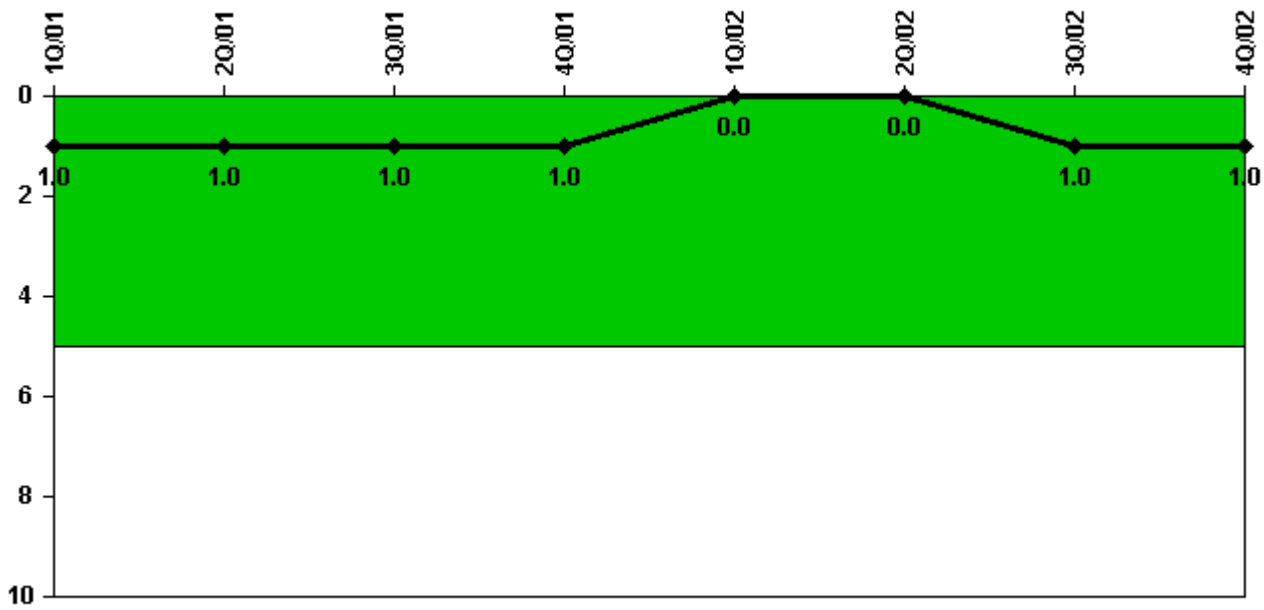
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Train 1								
Planned unavailable hours	57.00	1.00	0.50	63.60	4.10	9.10	49.00	4.00
Unplanned unavailable hours	0	0	40.80	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	1647.90	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	48.30	1.10	0.80	42.50	2.80	49.90	4.10	4.90
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	1647.90	2160.00	2183.00	2208.00	2209.00
Train 3								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	0	0	553.20	0	0	0	0
Train 4								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	0	0	553.20	0	0	0	0
Indicator value	0.6%	0.7%	0.6%	0.7%	0.7%	0.5%	0.5%	0.5%

Licensee Comments: none

Safety System Functional Failures (PWR)



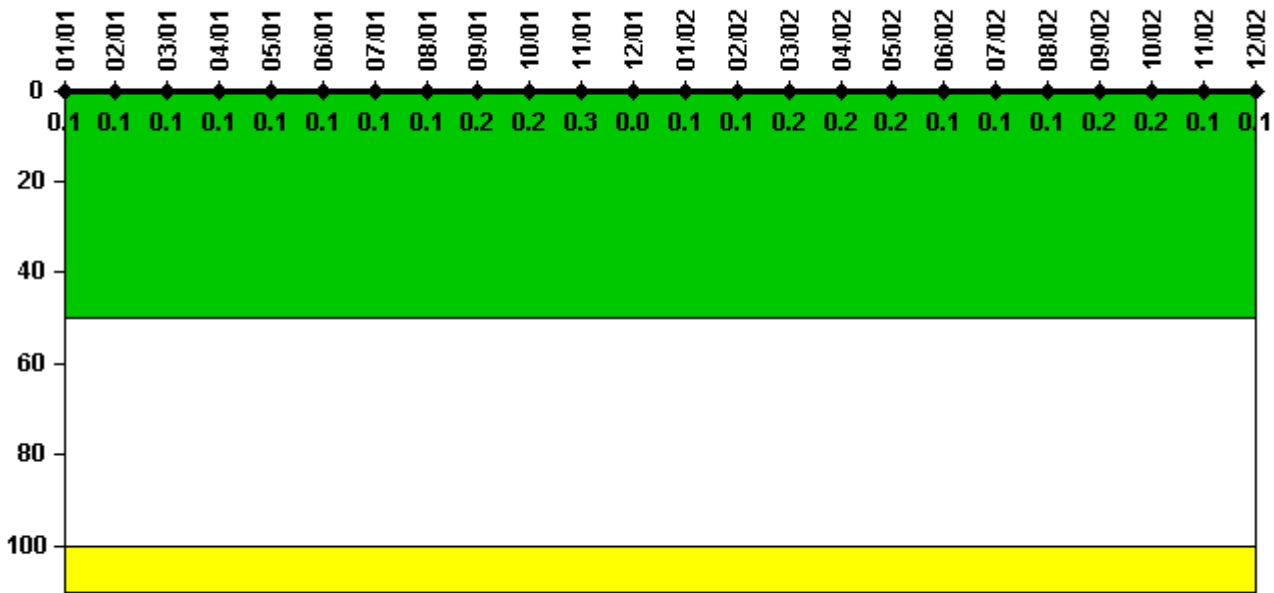
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Safety System Functional Failures	1	0	0	0	0	0	1	0
Indicator value	1	1	1	1	0	0	1	1

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

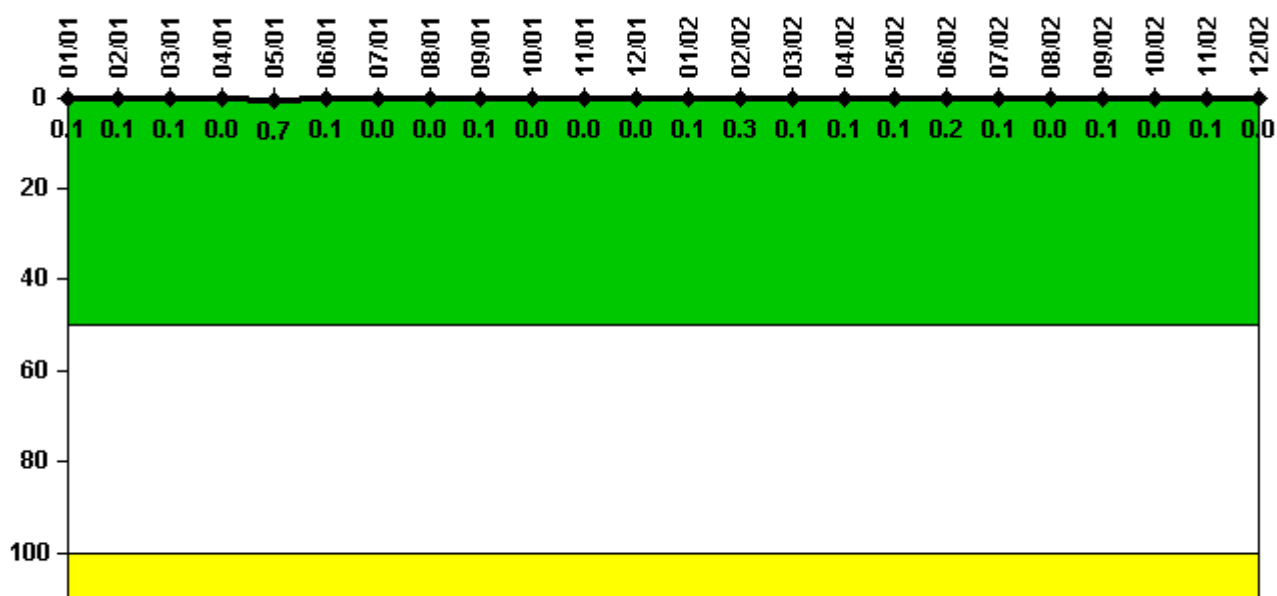
Notes

Reactor Coolant System Activity	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01
Maximum activity	0.001230	0.001170	0.001310	0.001270	0.001300	0.001440	0.001310	0.001460	0.001520	0.001660	0.002580	0.000466
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0

Reactor Coolant System Activity	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02
Maximum activity	0.000991	0.001320	0.001890	0.001580	0.001610	0.001460	0.001490	0.001470	0.001730	0.001680	0.001380	0.001330
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

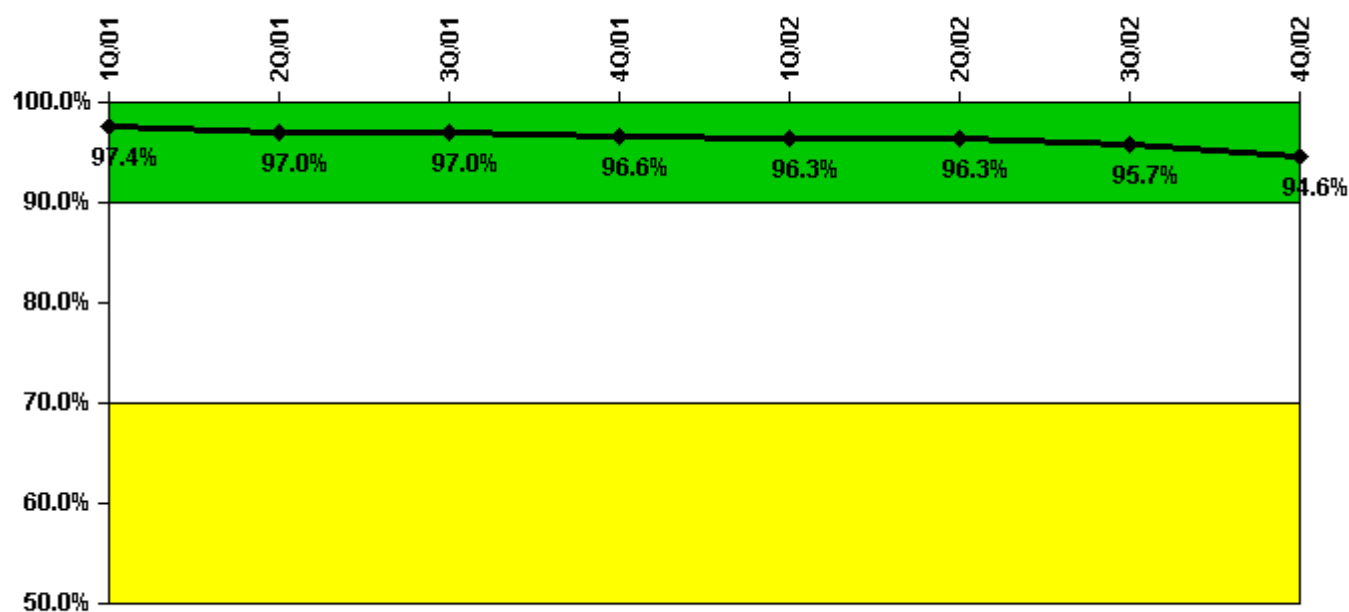
Notes

Reactor Coolant System Leakage	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01
Maximum leakage	0.010	0.010	0.010	0	0.070	0.010	0	0	0.010	0.004	0	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.1	0.1	0	0.7	0.1	0	0	0.1	0	0	0

Reactor Coolant System Leakage	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02
Maximum leakage	0.010	0.030	0.010	0.010	0.010	0.020	0.005	0	0.007	0.002	0.005	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.3	0.1	0.1	0.1	0.2	0.1	0	0.1	0	0.1	0

Licensee Comments: none

Drill/Exercise Performance



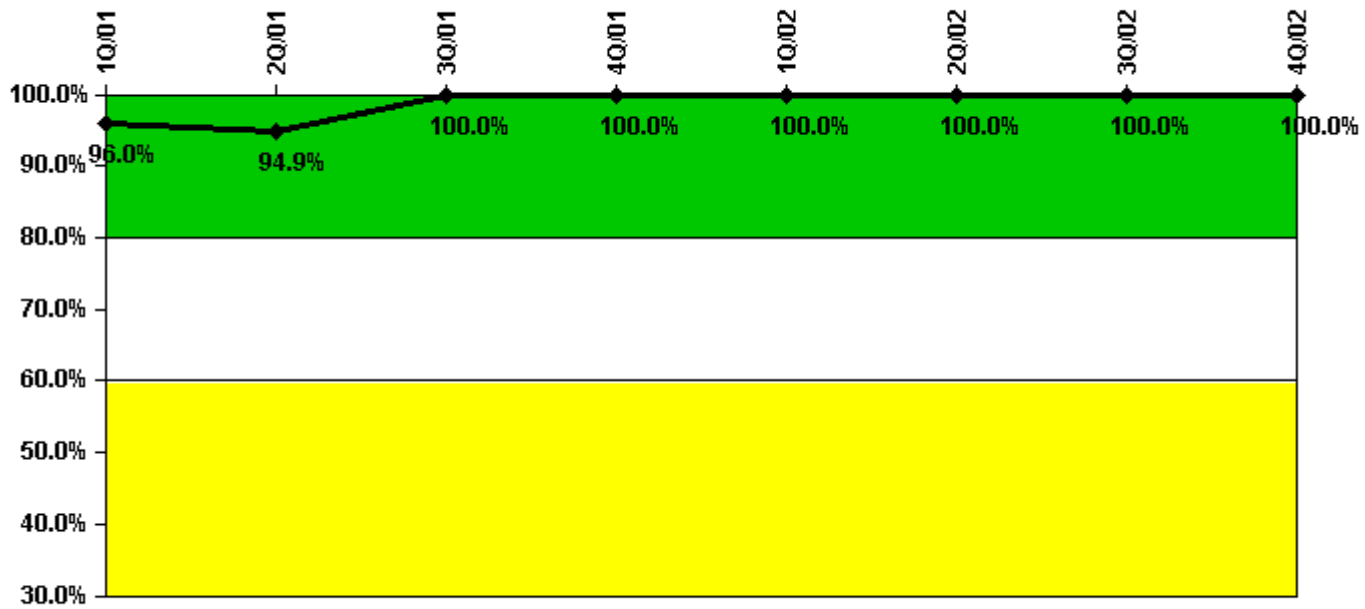
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Successful opportunities	8.0	39.0	82.0	12.0	47.0	13.0	72.0	5.0
Total opportunities	8.0	43.0	85.0	13.0	50.0	14.0	75.0	6.0
Indicator value	97.4%	97.0%	97.0%	96.6%	96.3%	96.3%	95.7%	94.6%

Licensee Comments: none

ERO Drill Participation



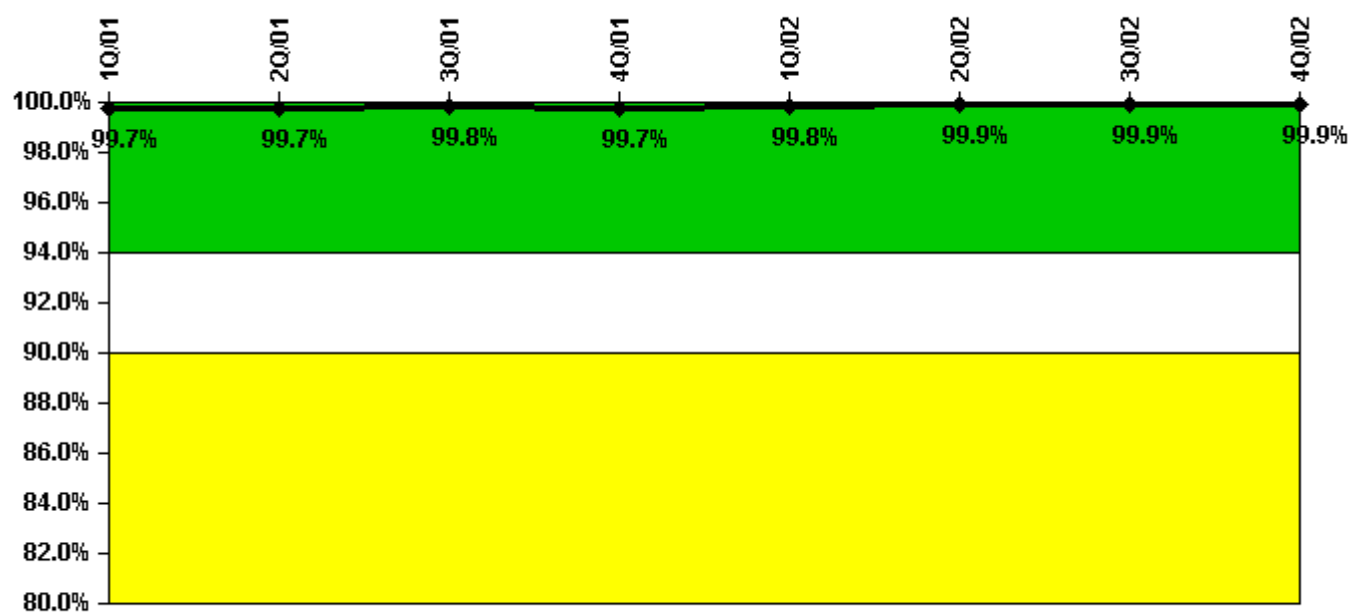
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Participating Key personnel	72.0	75.0	79.0	72.0	72.0	75.0	79.0	75.0
Total Key personnel	75.0	79.0	79.0	72.0	72.0	75.0	79.0	75.0
Indicator value	96.0%	94.9%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



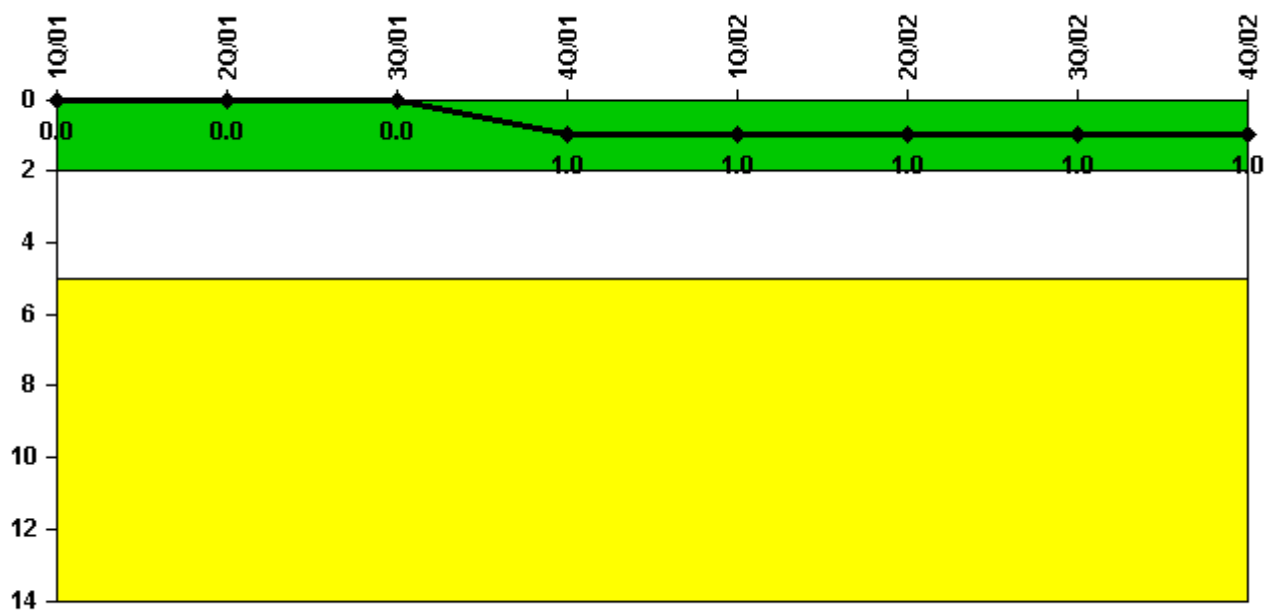
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Successful siren-tests	607	521	703	527	704	527	704	527
Total sirens-tests	609	523	704	528	704	528	704	528
Indicator value	99.7%	99.7%	99.8%	99.7%	99.8%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



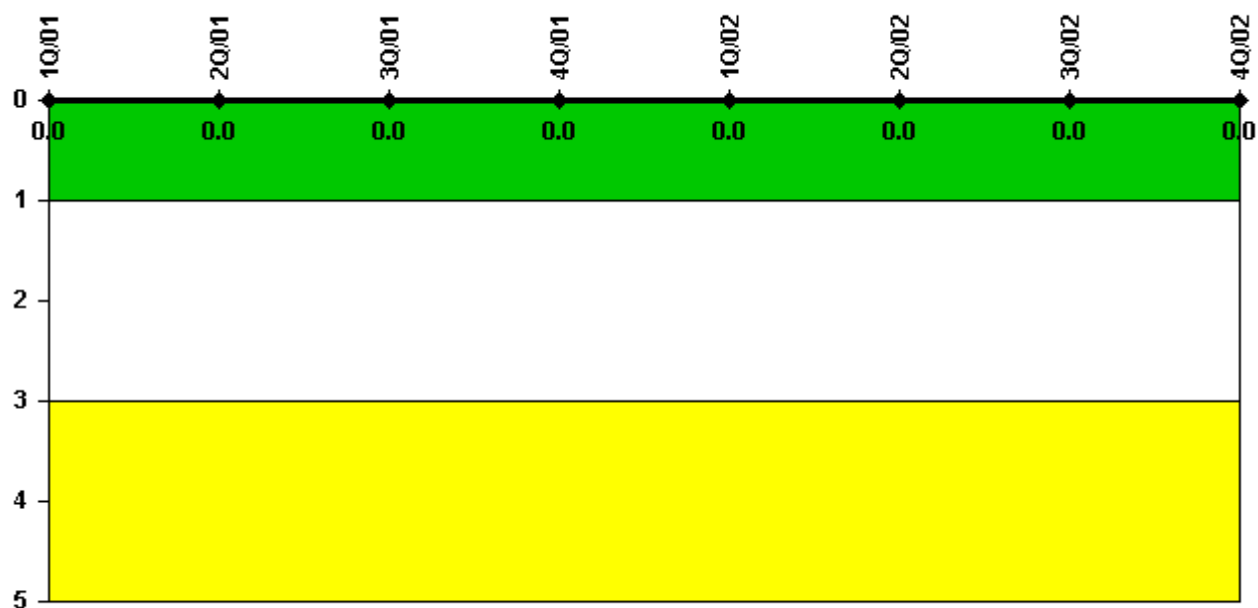
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
High radiation area occurrences	0	0	0	1	0	0	0	1
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	1	1	1	1	1

Licensee Comments:

4Q/02: LHRA event FAQ submitted. Data may change pending disposition of FAQ.

RETS/ODCM Radiological Effluent

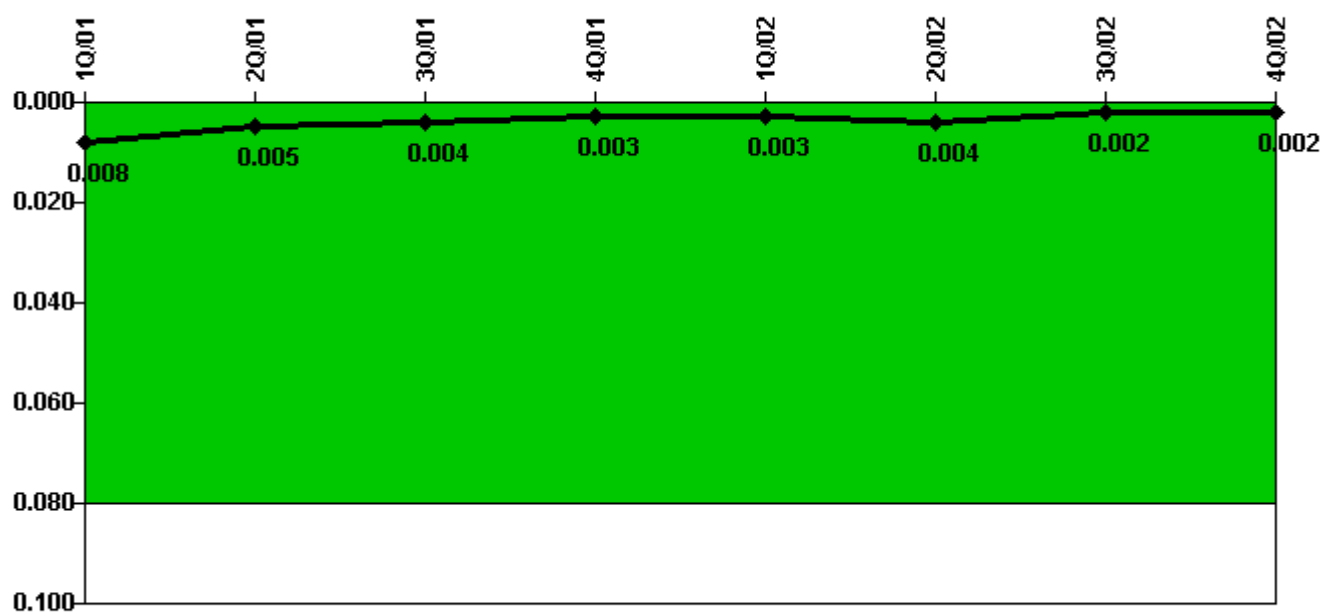
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index



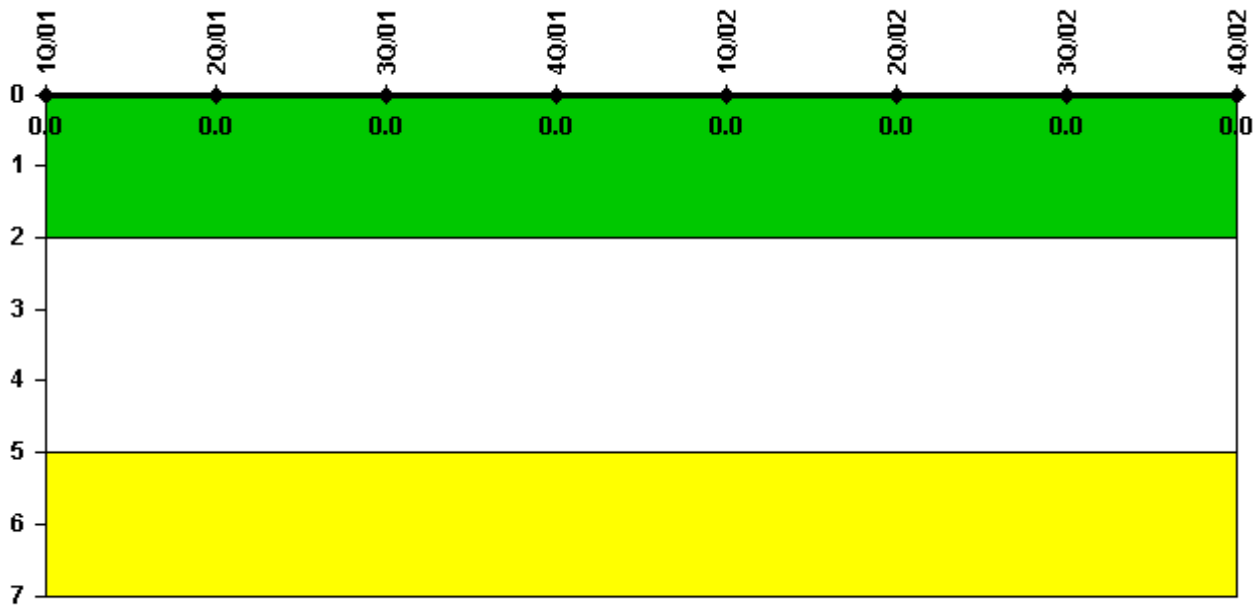
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
IDS compensatory hours	12.75	0	81.20	2.70	15.60	39.30	6.80	0
CCTV compensatory hours	0	0	0	0	0	0	0	0
IDS normalization factor	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80
CCTV normalization factor	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Index Value	0.008	0.005	0.004	0.003	0.003	0.004	0.002	0.002

Licensee Comments: none

Personnel Screening Program



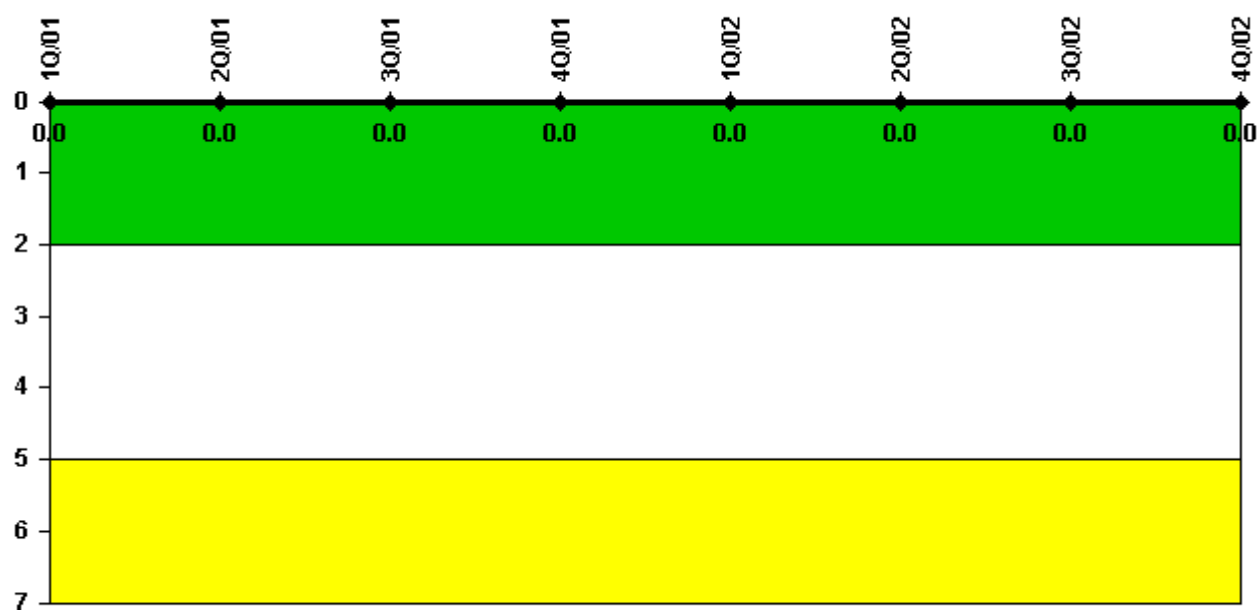
Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Program failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Program Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

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

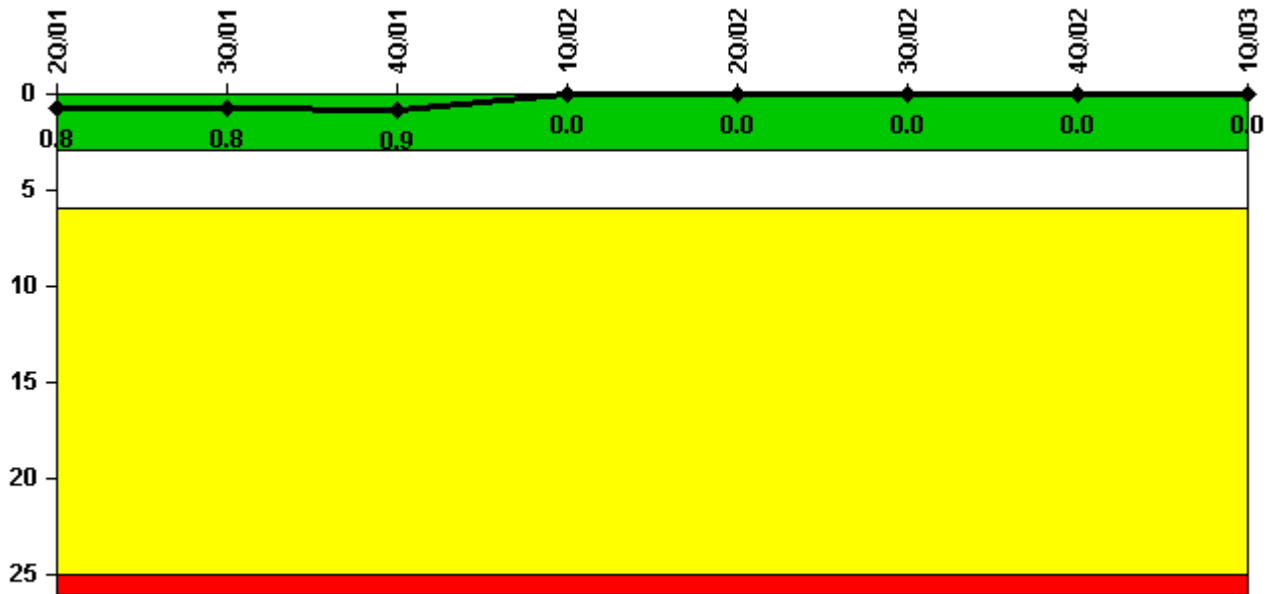
Last Modified: January 30, 2003

Saint Lucie 2

1Q/2003 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/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2183.0	2208.0	1567.0	2145.4	2183.0	2208.0	2209.0	2160.0
Indicator value	0.8	0.8	0.9	0	0	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



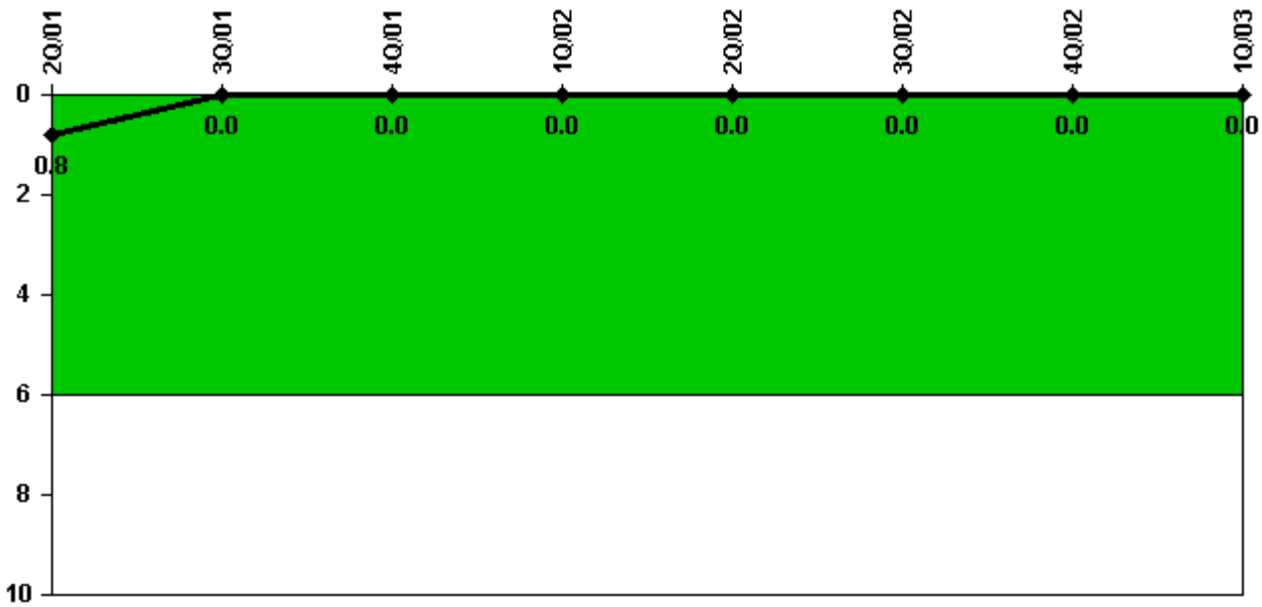
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
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



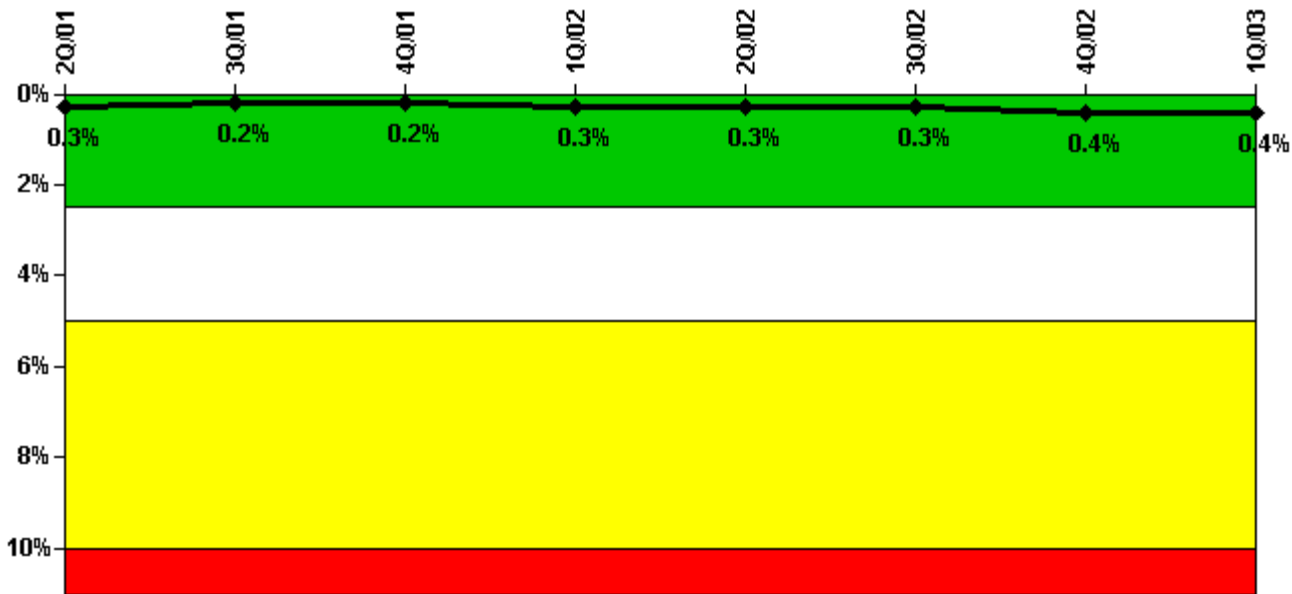
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2183.0	2208.0	1567.0	2145.4	2183.0	2208.0	2209.0	2160.0
Indicator value	0.8	0	0	0	0	0	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

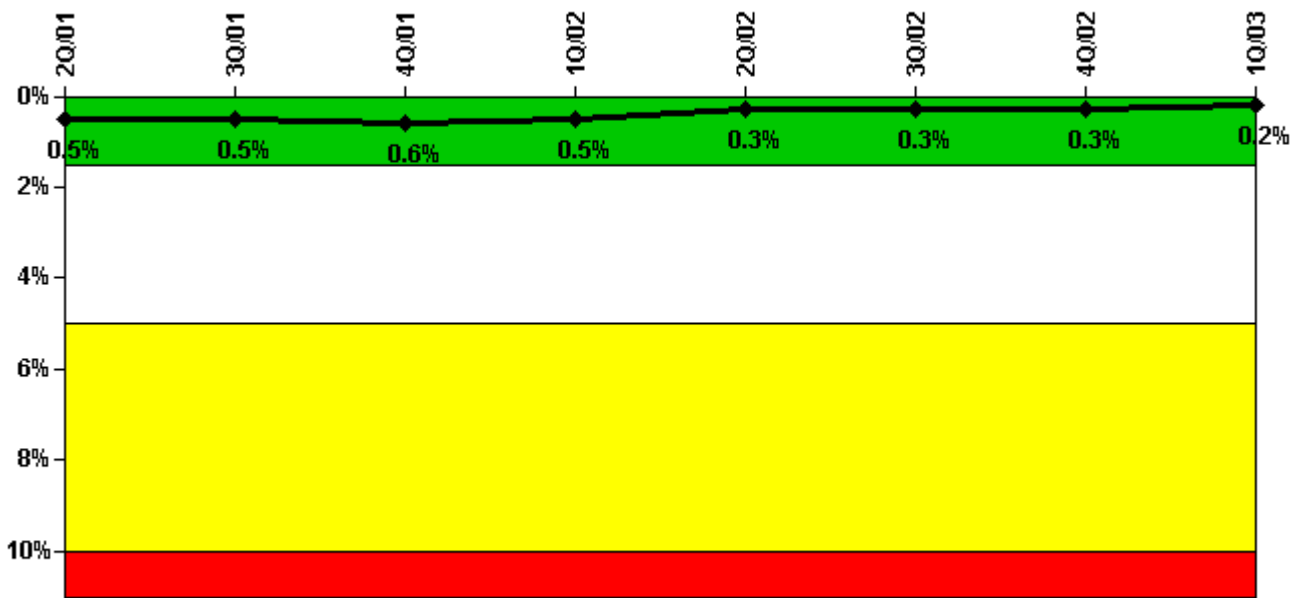
Notes

Safety System Unavailability, Emergency AC Power	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Train 1								
Planned unavailable hours	6.90	4.20	3.60	5.40	5.90	6.40	7.00	9.00
Unplanned unavailable hours	0	0	0	16.00	1.90	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	1941.00	2160.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	5.80	4.30	3.60	6.20	5.90	6.50	7.60	5.60
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	1941.00	2160.00	2183.00	2208.00	2209.00	2160.00
Indicator value	0.3%	0.2%	0.2%	0.3%	0.3%	0.3%	0.4%	0.4%

Licensee Comments:

1Q/02: Train 1 unplanned unavailability hours subject to change based upon submitted FAQ response concerning rework performed during overhaul maintenance. Update: 16 hours unplanned availability added to train 1 based on FAQ response.

Safety System Unavailability, High Pressure Injection System (HPSI)



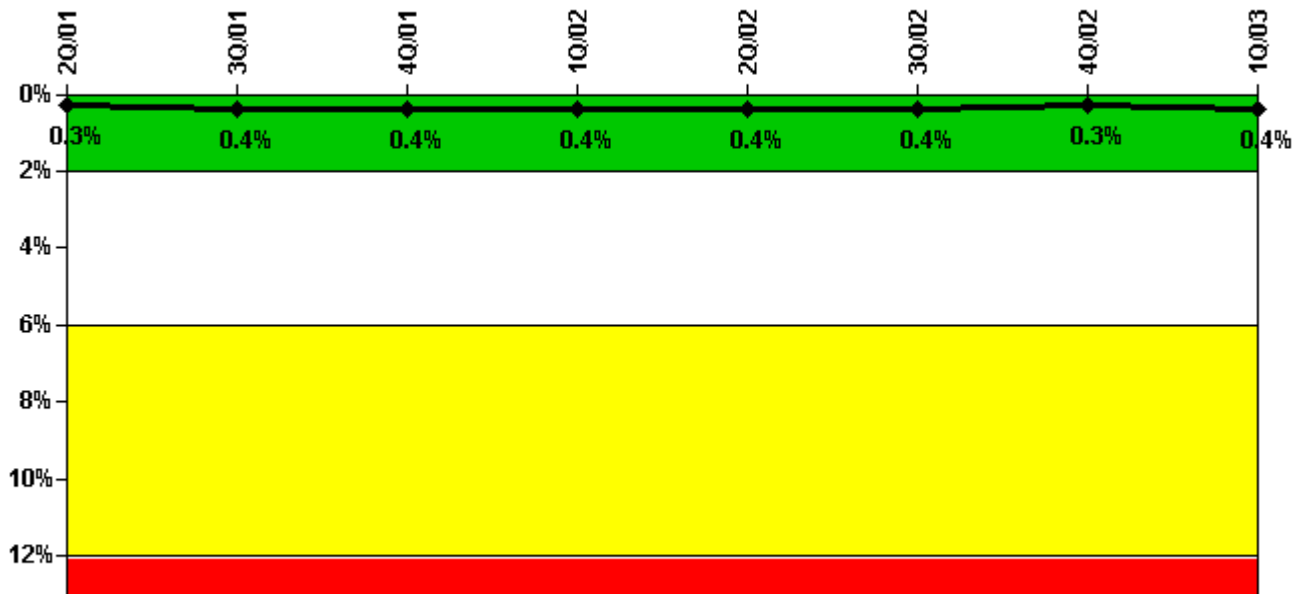
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Train 1								
Planned unavailable hours	1.00	0.50	32.30	0.50	6.00	0.90	0.40	3.00
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	1679.20	2160.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	0.50	0.80	38.00	0.90	7.00	0.60	1.20	2.10
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	1679.20	2160.00	2183.00	2208.00	2209.00	2160.00
Indicator value	0.5%	0.5%	0.6%	0.5%	0.3%	0.3%	0.3%	0.2%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



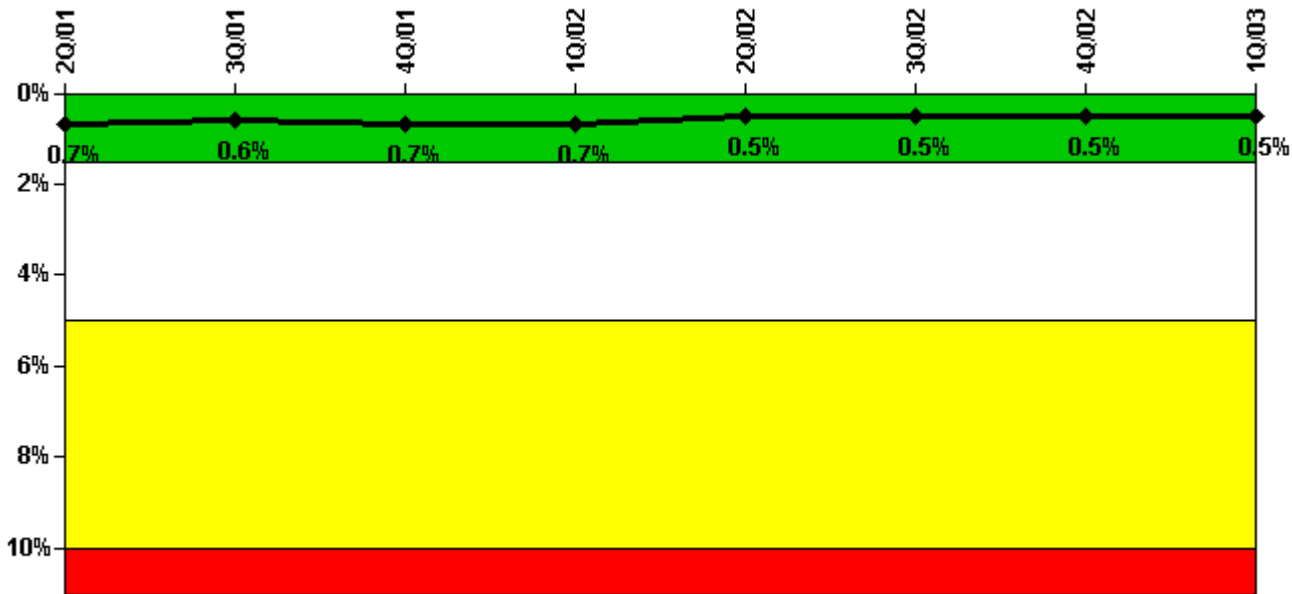
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Train 1								
Planned unavailable hours	1.50	16.10	3.50	2.80	10.10	1.30	2.00	13.10
Unplanned unavailable hours	0	0	2.50	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	1656.00	2160.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	1.60	15.40	2.20	1.30	1.90	2.80	2.20	10.30
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	1656.00	2160.00	2183.00	2208.00	2209.00	2160.00
Train 3								
Planned unavailable hours	6.20	38.60	18.20	11.30	11.50	7.40	14.20	18.70
Unplanned unavailable hours	0	0	7.80	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	1656.00	2160.00	2183.00	2208.00	2209.00	2160.00
Indicator value	0.3%	0.4%	0.4%	0.4%	0.4%	0.4%	0.3%	0.4%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

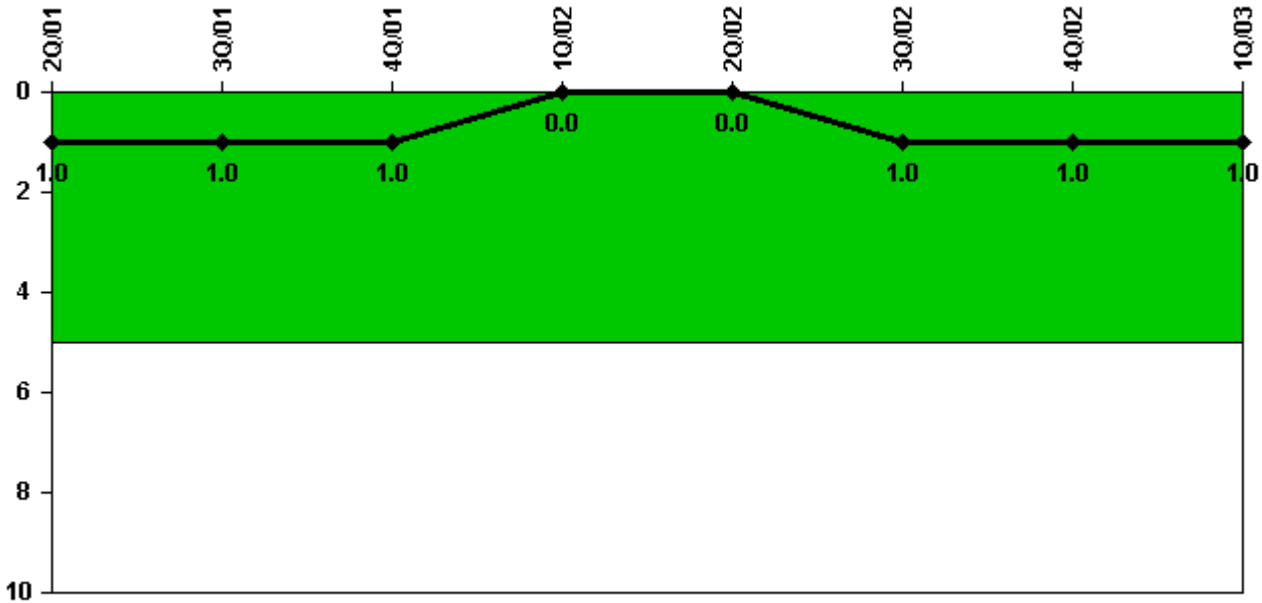
Notes

Safety System Unavailability, Residual Heat Removal System	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Train 1								
Planned unavailable hours	1.00	0.50	63.60	4.10	9.10	49.00	4.00	5.20
Unplanned unavailable hours	0	40.80	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	1647.90	2160.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	1.10	0.80	42.50	2.80	49.90	4.10	4.90	38.40
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	1647.90	2160.00	2183.00	2208.00	2209.00	2160.00
Train 3								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	0	553.20	0	0	0	0	0
Train 4								

Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	0	553.20	0	0	0	0	0
Indicator value	0.7%	0.6%	0.7%	0.7%	0.5%	0.5%	0.5%	0.5%

Licensee Comments: none

Safety System Functional Failures (PWR)



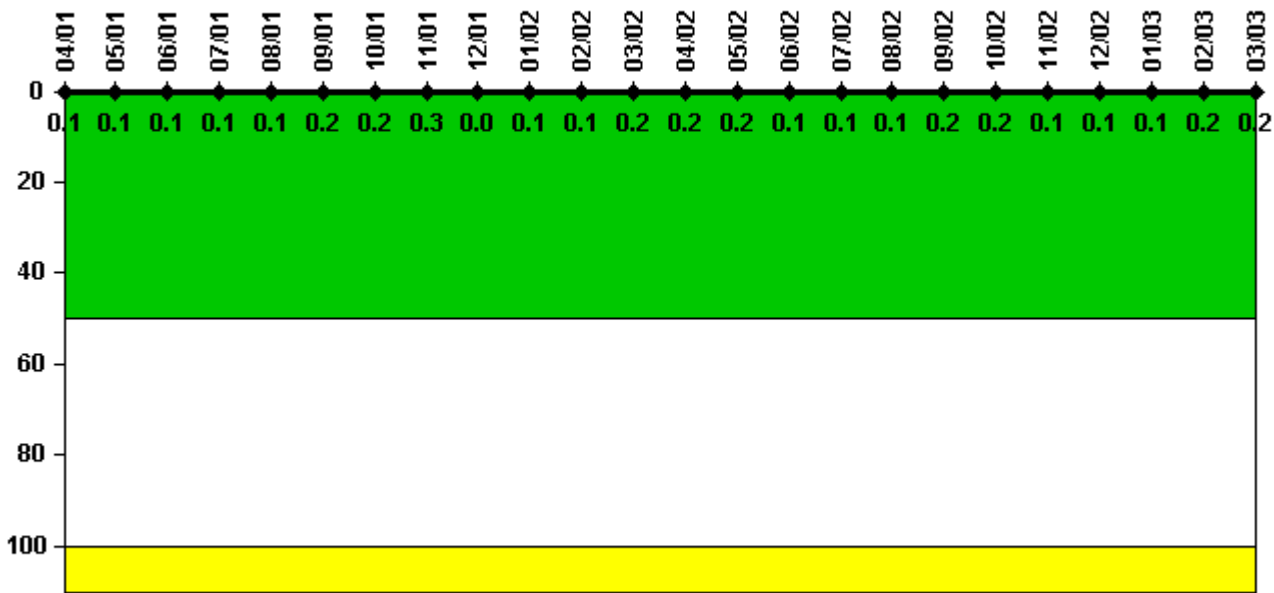
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Safety System Functional Failures	0	0	0	0	0	1	0	0
Indicator value	1	1	1	0	0	1	1	1

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

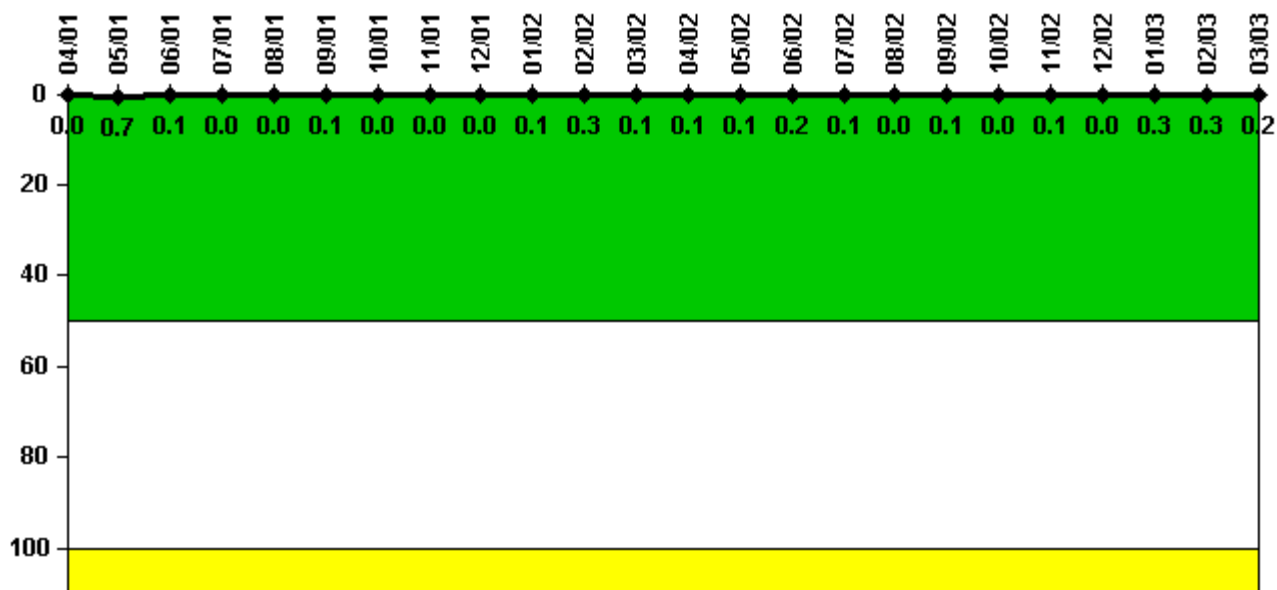
Notes

Reactor Coolant System Activity	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02
Maximum activity	0.001270	0.001300	0.001440	0.001310	0.001460	0.001520	0.001660	0.002580	0.000466	0.000991	0.001320	0.001890
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0	0.1	0.1	0.2

Reactor Coolant System Activity	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03
Maximum activity	0.001580	0.001610	0.001460	0.001490	0.001470	0.001730	0.001680	0.001380	0.001330	0.001400	0.001660	0.001590
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.2	0.2

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

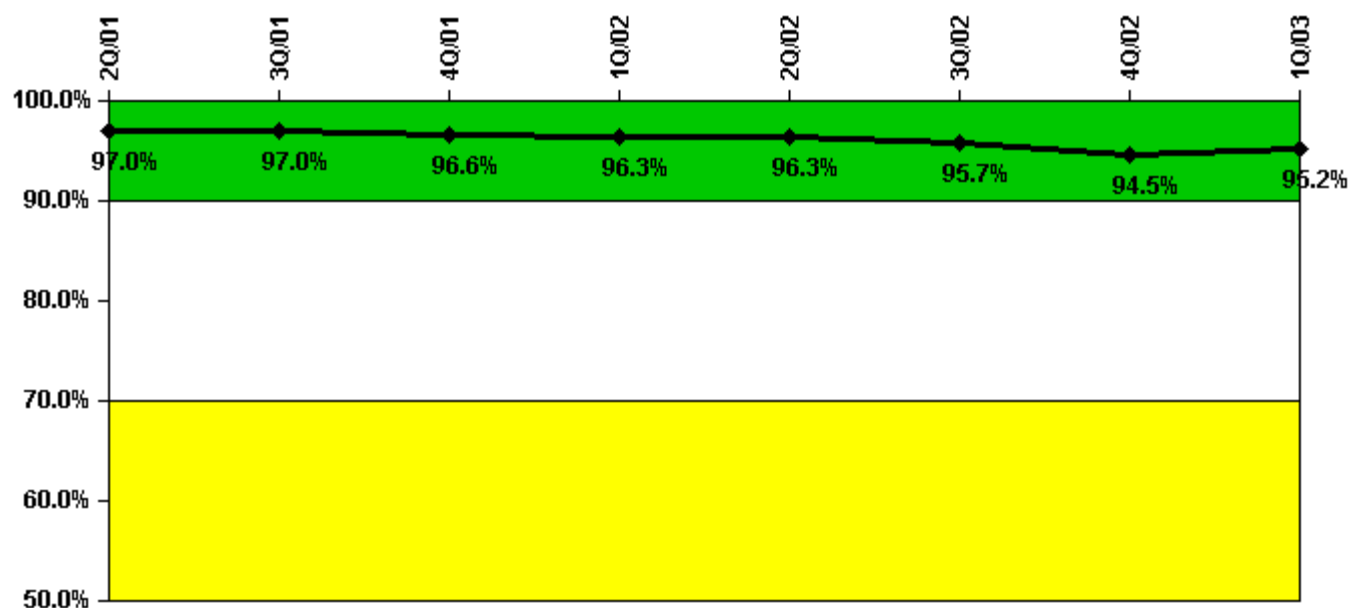
Notes

Reactor Coolant System Leakage	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02
Maximum leakage	0	0.070	0.010	0	0	0.010	0.004	0	0	0.010	0.030	0.010
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0.7	0.1	0	0	0.1	0	0	0	0.1	0.3	0.1

Reactor Coolant System Leakage	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03
Maximum leakage	0.010	0.010	0.020	0.005	0	0.007	0.002	0.005	0	0.030	0.030	0.015
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.1	0.2	0.1	0	0.1	0	0.1	0	0.3	0.3	0.2

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

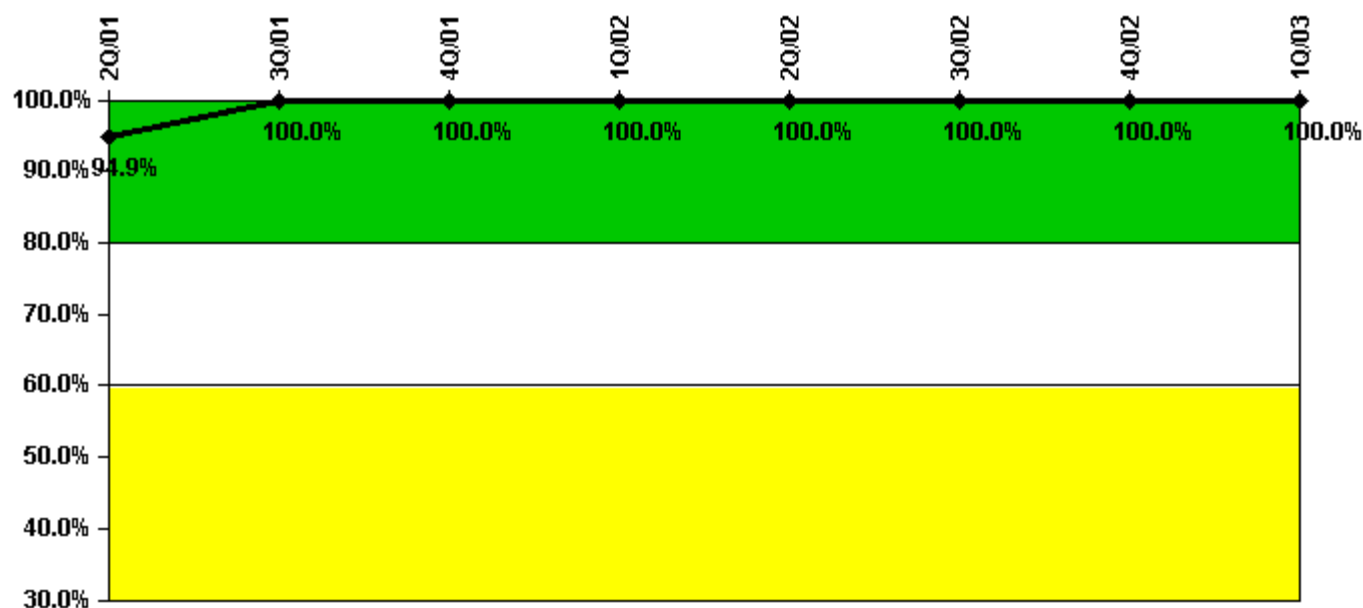
Notes

Drill/Exercise Performance	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Successful opportunities	39.0	82.0	12.0	47.0	13.0	70.0	5.0	87.0
Total opportunities	43.0	85.0	13.0	50.0	14.0	73.0	6.0	89.0
Indicator value	97.0%	97.0%	96.6%	96.3%	96.3%	95.7%	94.5%	95.2%

Licensee Comments:

3Q/02: Corrected both opportunity numbers to remove two (2) inappropriately counted training exercises (72 to 70, and 75 to 73 respectively).

ERO Drill Participation



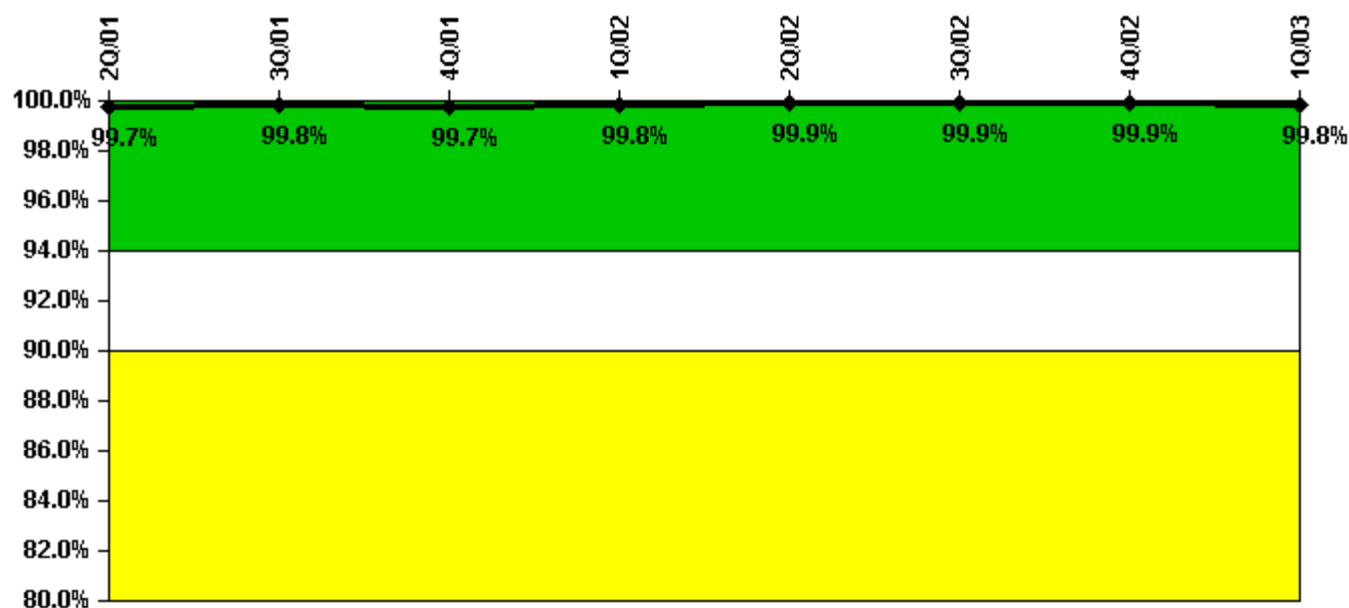
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Participating Key personnel	75.0	79.0	72.0	72.0	75.0	79.0	75.0	82.0
Total Key personnel	79.0	79.0	72.0	72.0	75.0	79.0	75.0	82.0
Indicator value	94.9%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



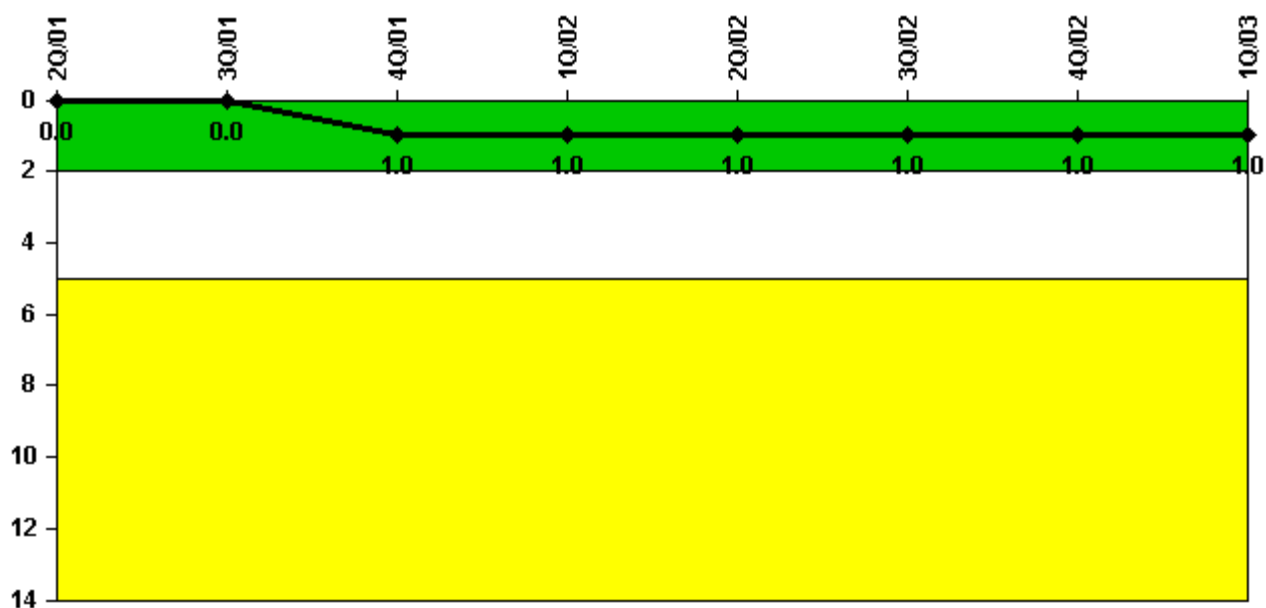
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Successful siren-tests	521	703	527	704	527	704	527	709
Total sirens-tests	523	704	528	704	528	704	528	711
Indicator value	99.7%	99.8%	99.7%	99.8%	99.9%	99.9%	99.9%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness

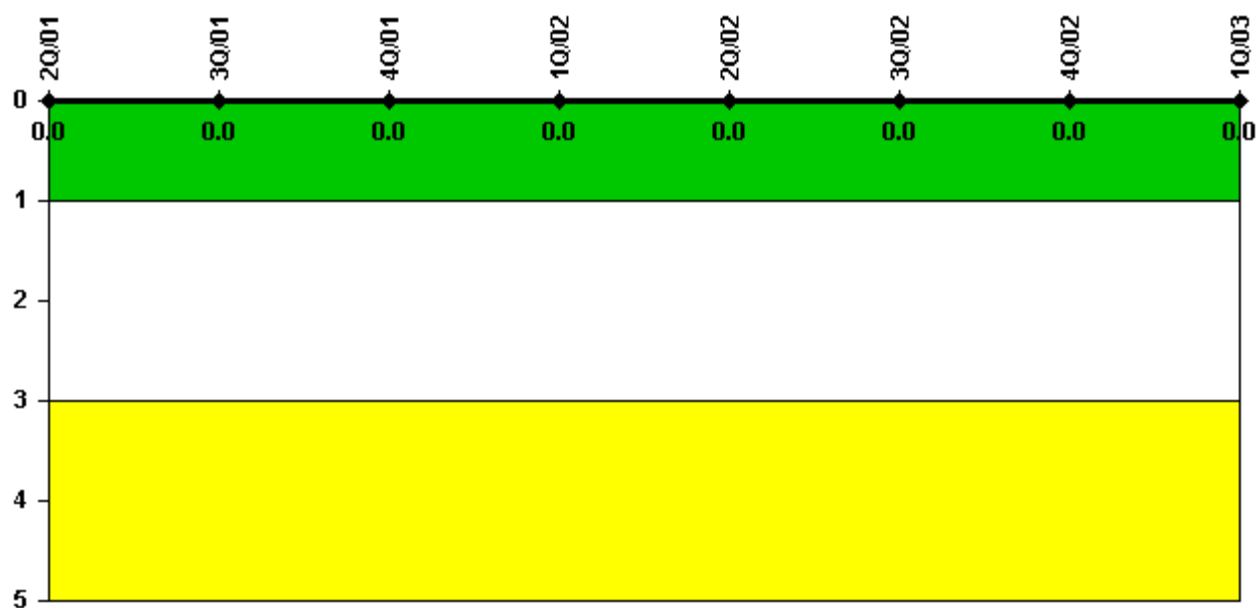


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
High radiation area occurrences	0	0	1	0	0	0	1	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	1	1	1	1	1	1

Licensee Comments: none

RETS/ODCM Radiological Effluent

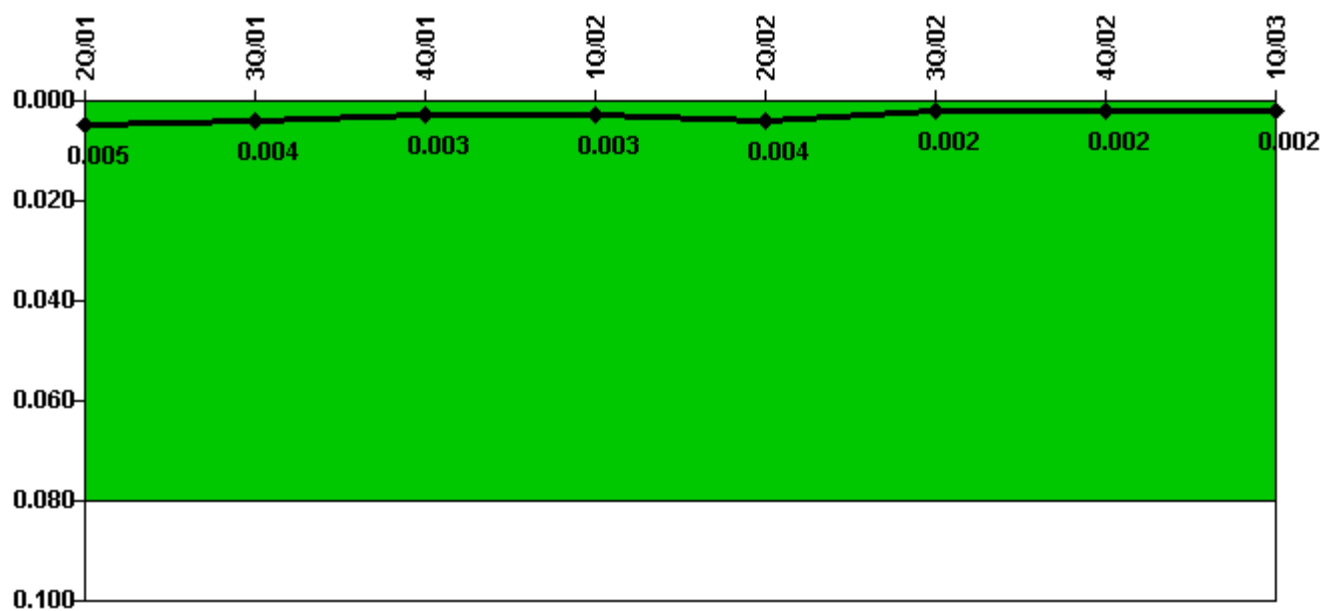
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index



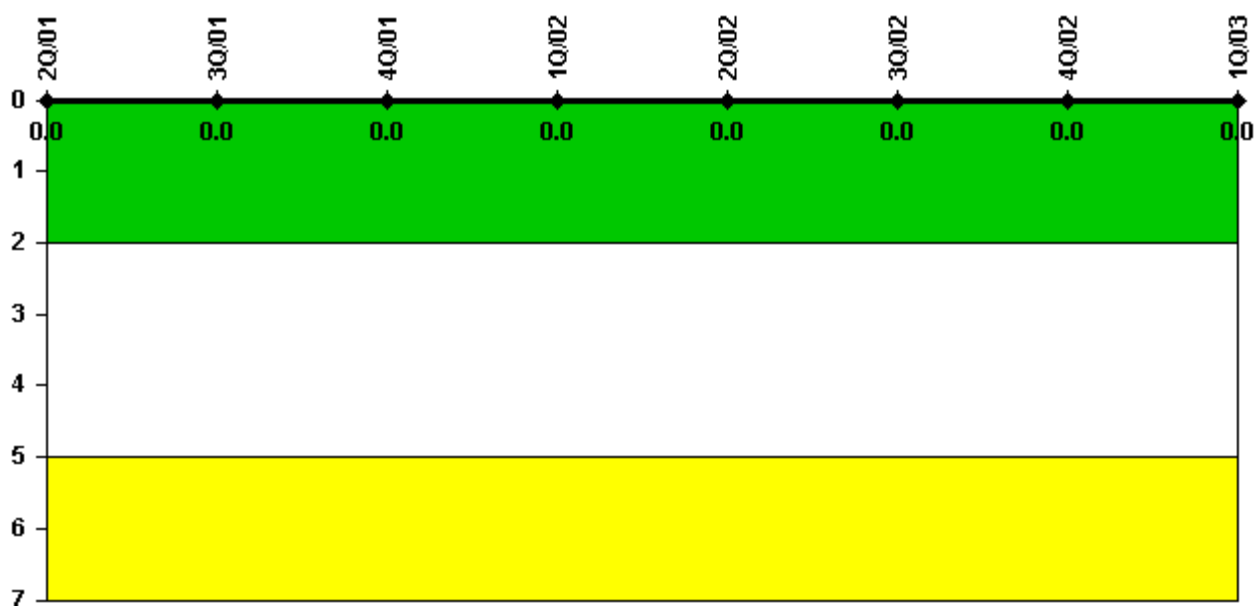
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
IDS compensatory hours	0	81.20	2.70	15.60	39.30	6.80	0	4.40
CCTV compensatory hours	0	0	0	0	0	0	0	0
IDS normalization factor	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80
CCTV normalization factor	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Index Value	0.005	0.004	0.003	0.003	0.004	0.002	0.002	0.002

Licensee Comments: none

Personnel Screening Program



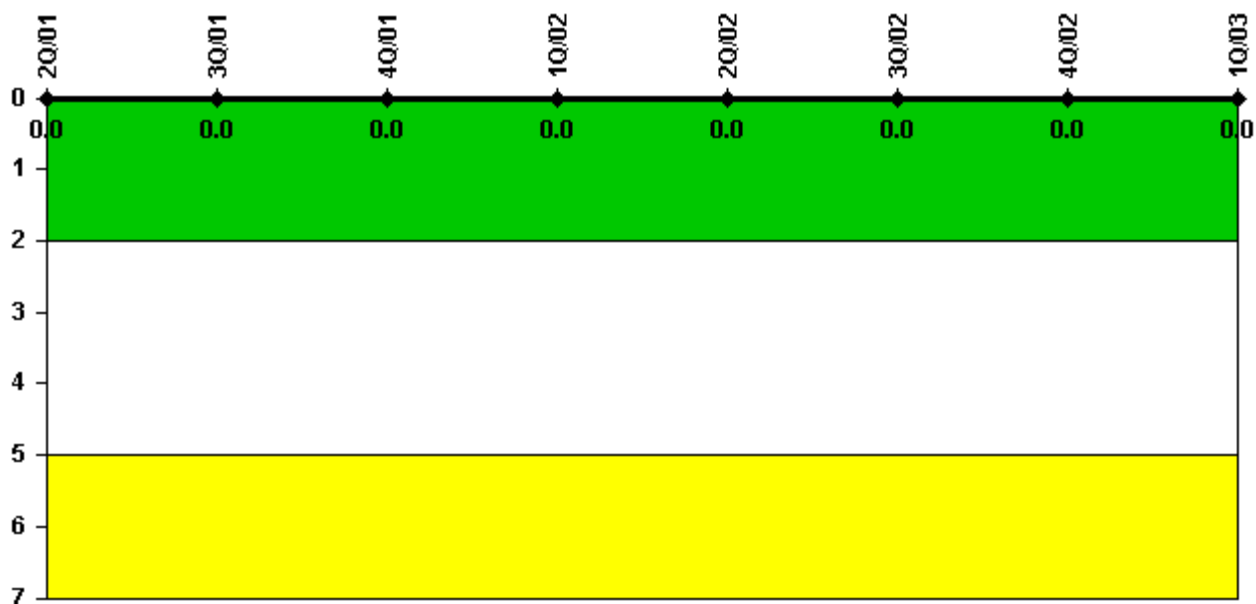
Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Program failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Program Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

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

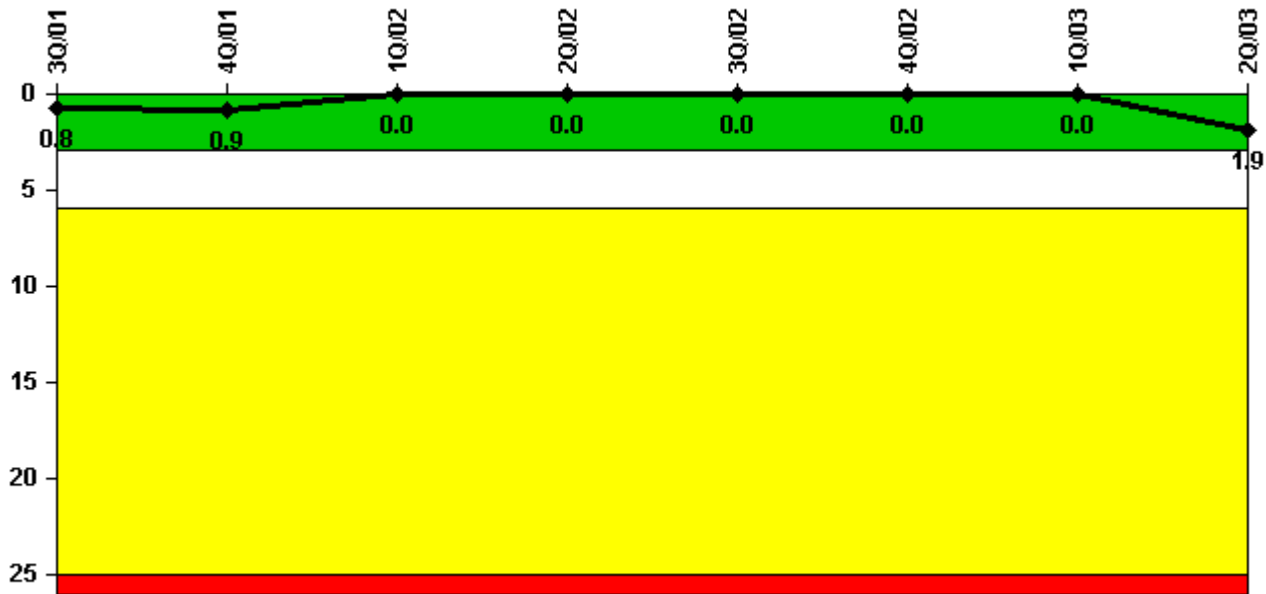
Last Modified: April 22, 2003

Saint Lucie 2

2Q/2003 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



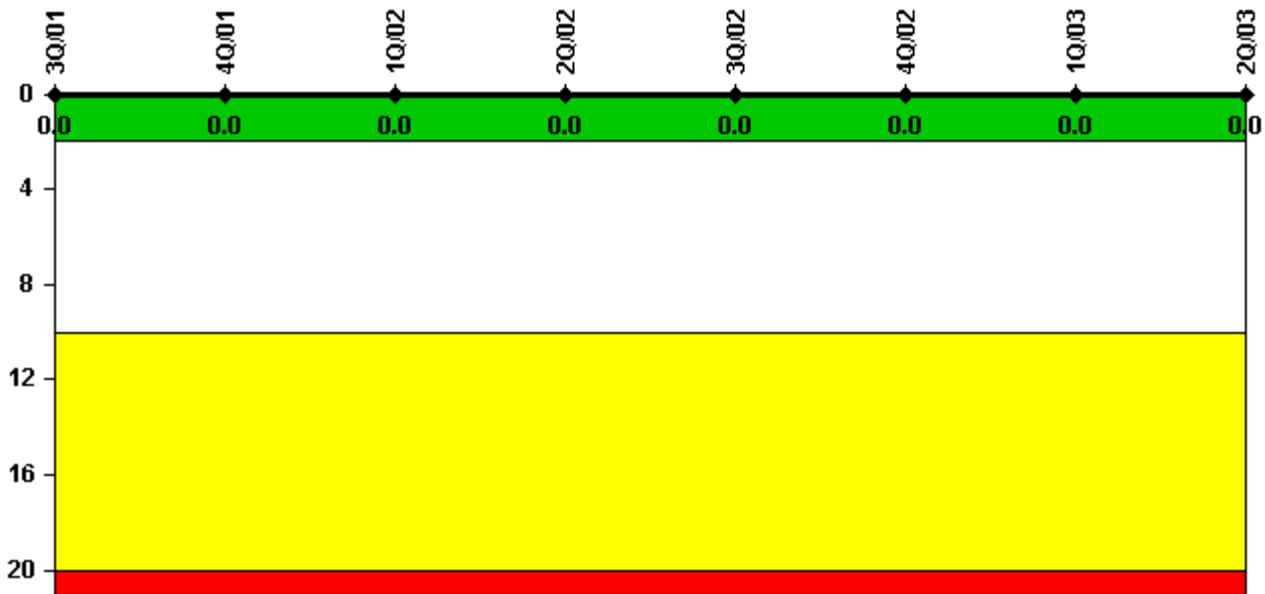
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Unplanned scrams	0	0	0	0	0	0	0	2.0
Critical hours	2208.0	1567.0	2145.4	2183.0	2208.0	2209.0	2160.0	841.2
Indicator value	0.8	0.9	0	0	0	0	0	1.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



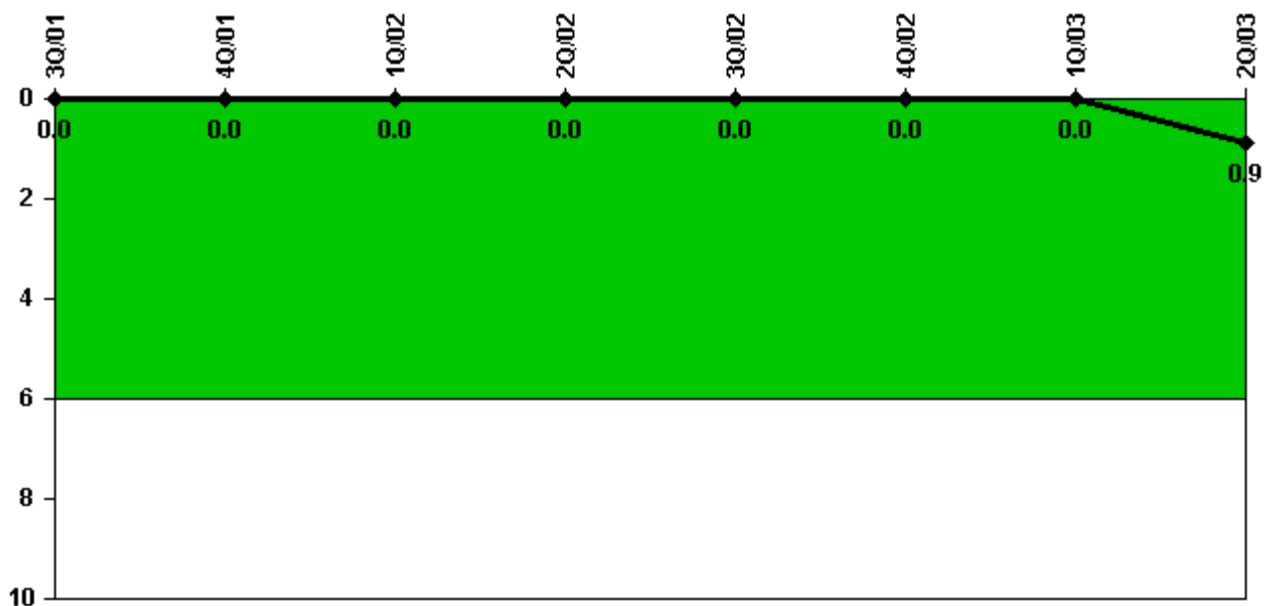
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
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



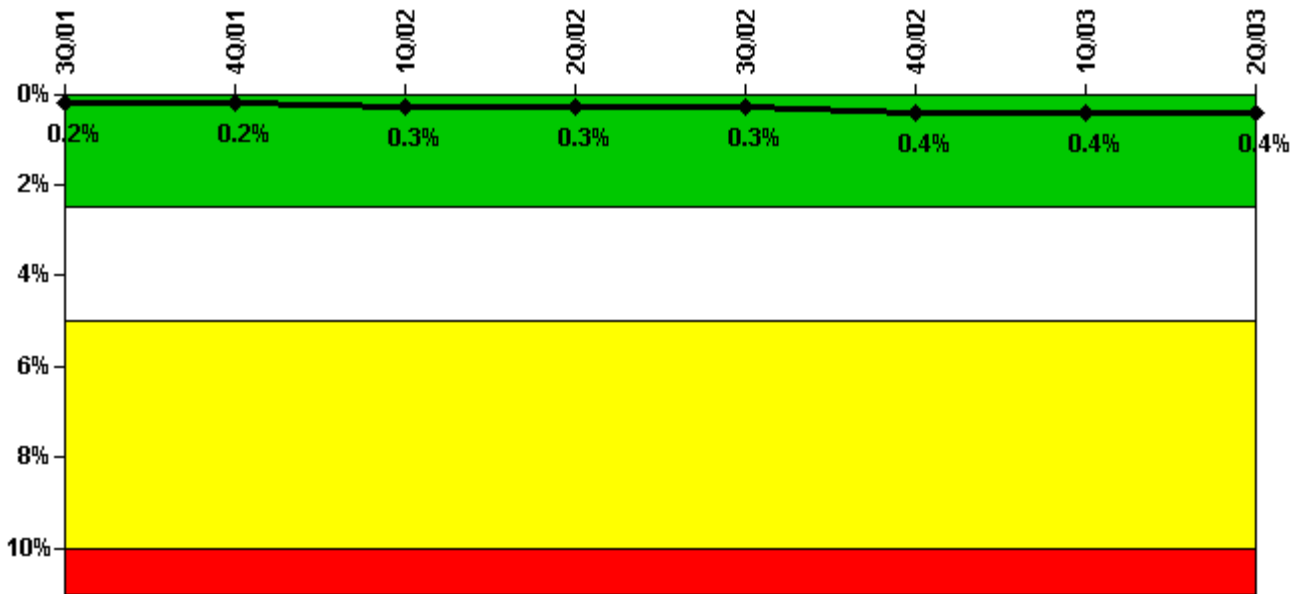
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Unplanned power changes	0	0	0	0	0	0	0	1.0
Critical hours	2208.0	1567.0	2145.4	2183.0	2208.0	2209.0	2160.0	841.2
Indicator value	0	0	0	0	0	0	0	0.9

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



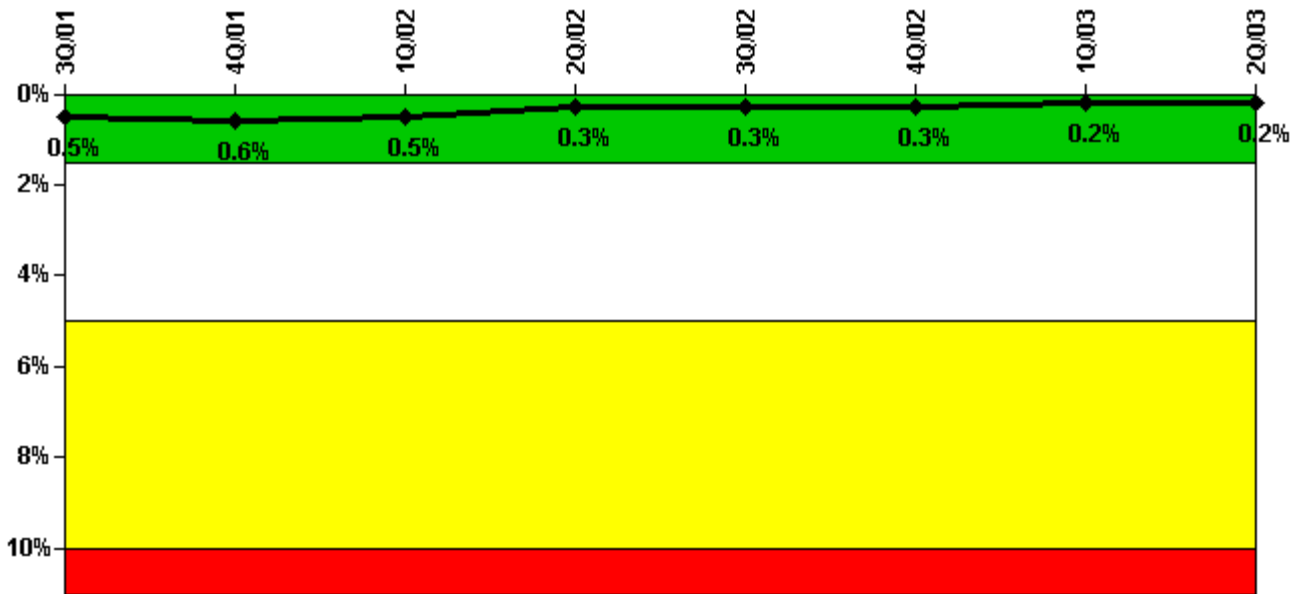
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Train 1								
Planned unavailable hours	4.20	3.60	5.40	5.90	6.40	7.00	9.00	3.90
Unplanned unavailable hours	0	0	16.00	1.90	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	1941.00	2160.00	2183.00	2208.00	2209.00	2160.00	1697.20
Train 2								
Planned unavailable hours	4.30	3.60	6.20	5.90	6.50	7.60	5.60	4.30
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	1941.00	2160.00	2183.00	2208.00	2209.00	2160.00	1697.20
Indicator value	0.2%	0.2%	0.3%	0.3%	0.3%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



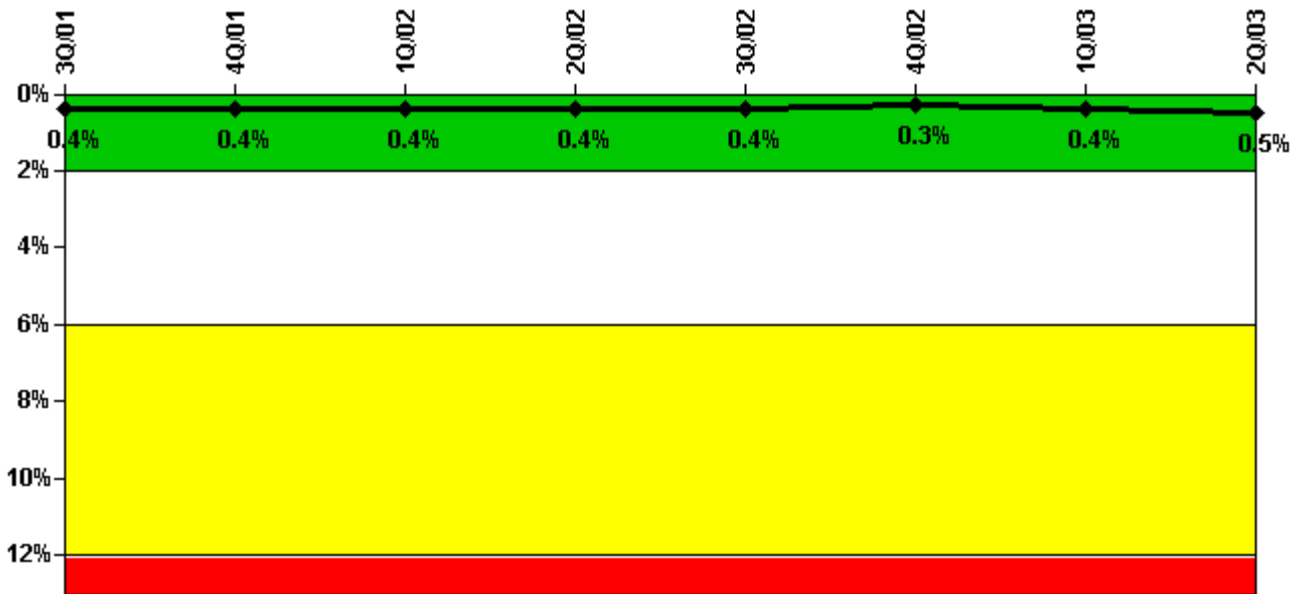
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Train 1								
Planned unavailable hours	0.50	32.30	0.50	6.00	0.90	0.40	3.00	6.10
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	1679.20	2160.00	2183.00	2208.00	2209.00	2160.00	1132.00
Train 2								
Planned unavailable hours	0.80	38.00	0.90	7.00	0.60	1.20	2.10	2.40
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	1679.20	2160.00	2183.00	2208.00	2209.00	2160.00	1132.00
Indicator value	0.5%	0.6%	0.5%	0.3%	0.3%	0.3%	0.2%	0.2%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



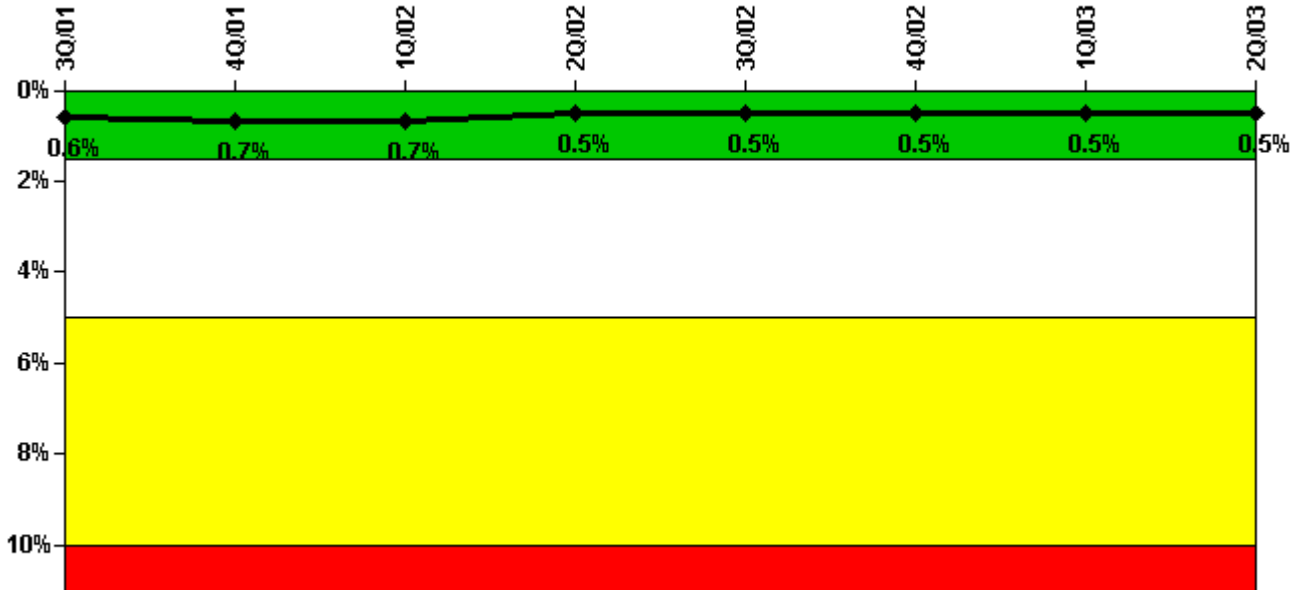
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Train 1								
Planned unavailable hours	16.10	3.50	2.80	10.10	1.30	2.00	13.10	2.40
Unplanned unavailable hours	0	2.50	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	1656.00	2160.00	2183.00	2208.00	2209.00	2160.00	1180.90
Train 2								
Planned unavailable hours	15.40	2.20	1.30	1.90	2.80	2.20	10.30	2.30
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	1656.00	2160.00	2183.00	2208.00	2209.00	2160.00	1180.90
Train 3								
Planned unavailable hours	38.60	18.20	11.30	11.50	7.40	14.20	18.70	2.20
Unplanned unavailable hours	0	7.80	0	0	0	0	0	62.70
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	1656.00	2160.00	2183.00	2208.00	2209.00	2160.00	1180.90
Indicator value	0.4%	0.4%	0.4%	0.4%	0.4%	0.3%	0.4%	0.5%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

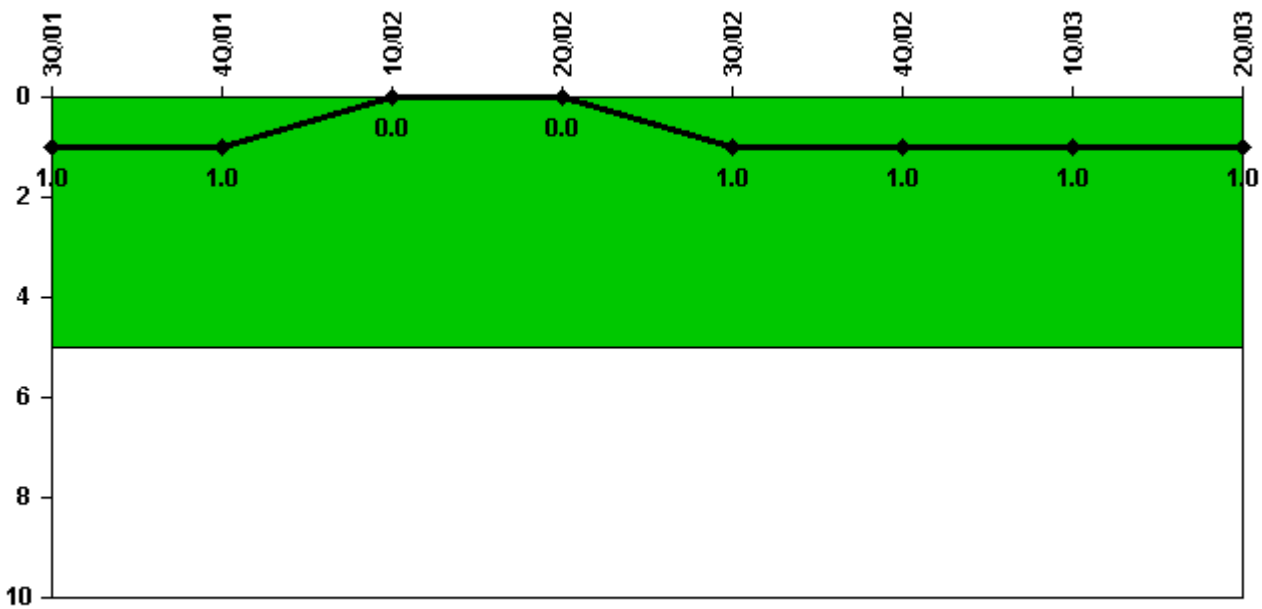
Notes

Safety System Unavailability, Residual Heat Removal System	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Train 1								
Planned unavailable hours	0.50	63.60	4.10	9.10	49.00	4.00	5.20	0.50
Unplanned unavailable hours	40.80	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	1647.90	2160.00	2183.00	2208.00	2209.00	2160.00	1132.00
Train 2								
Planned unavailable hours	0.80	42.50	2.80	49.90	4.10	4.90	38.40	0.40
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	1647.90	2160.00	2183.00	2208.00	2209.00	2160.00	1132.00
Train 3								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	553.20	0	0	0	0	0	693.90
Train 4								
Planned unavailable hours	0	0	0	0	0	0	0	0

Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	553.20	0	0	0	0	0	693.90
Indicator value	0.6%	0.7%	0.7%	0.5%	0.5%	0.5%	0.5%	0.5%

Licensee Comments: none

Safety System Functional Failures (PWR)



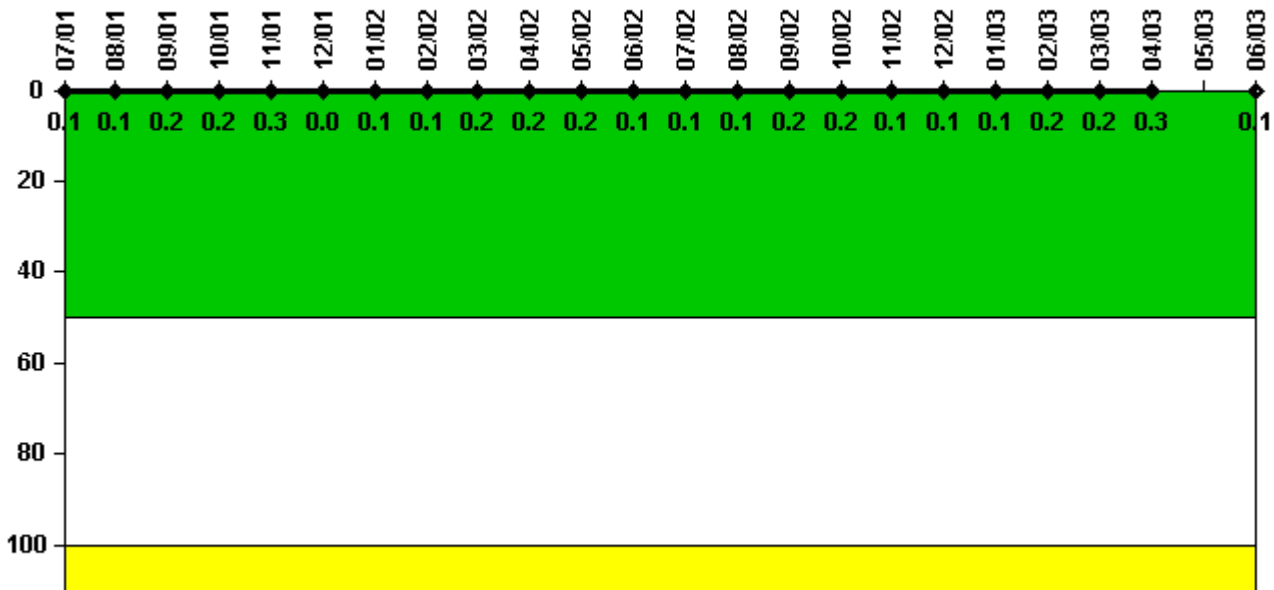
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Safety System Functional Failures	0	0	0	0	1	0	0	0
Indicator value	1	1	0	0	1	1	1	1

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

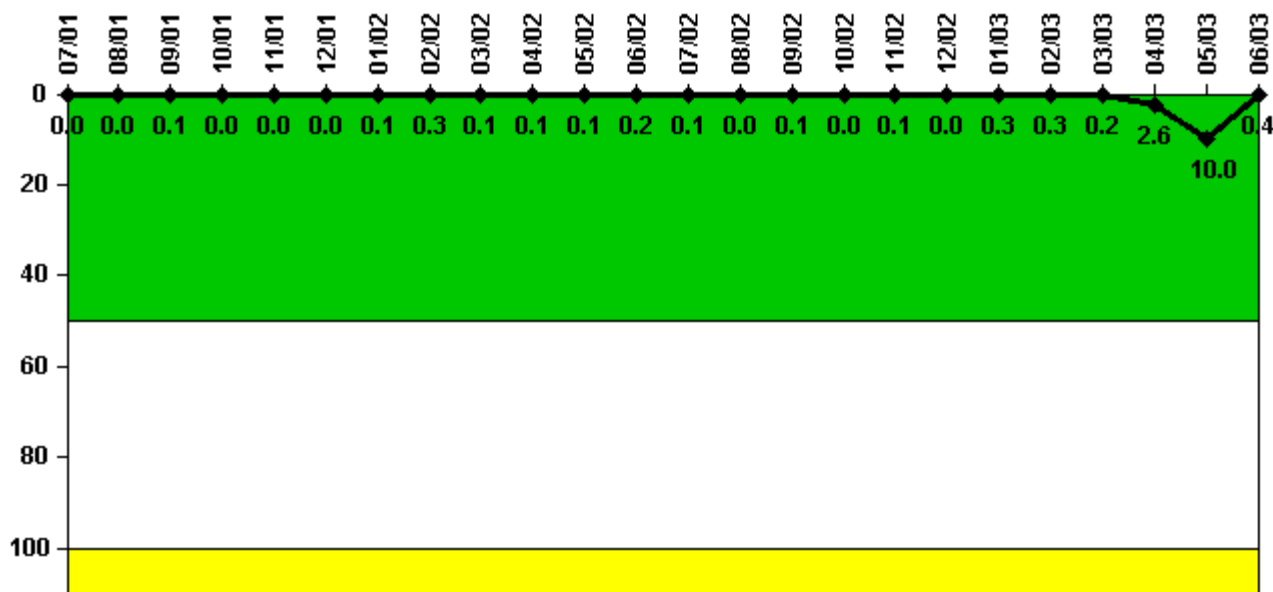
Notes

Reactor Coolant System Activity	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02
Maximum activity	0.001310	0.001460	0.001520	0.001660	0.002580	0.000466	0.000991	0.001320	0.001890	0.001580	0.001610	0.001460
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.2	0.2	0.3	0	0.1	0.1	0.2	0.2	0.2	0.1

Reactor Coolant System Activity	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03
Maximum activity	0.001490	0.001470	0.001730	0.001680	0.001380	0.001330	0.001400	0.001660	0.001590	0.003190	N/A	0.000944
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.3	N/A	0.1

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

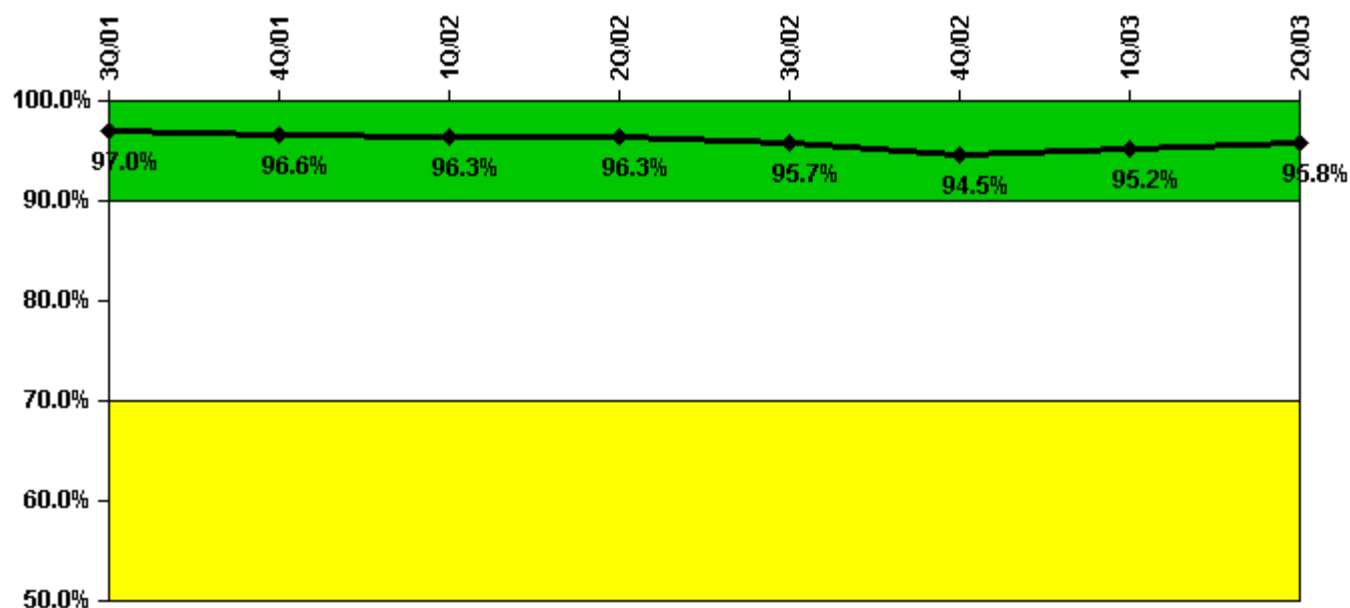
Notes

Reactor Coolant System Leakage	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02
Maximum leakage	0	0	0.010	0.004	0	0	0.010	0.030	0.010	0.010	0.010	0.020
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0	0.1	0	0	0	0.1	0.3	0.1	0.1	0.1	0.2

Reactor Coolant System Leakage	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03
Maximum leakage	0.005	0	0.007	0.002	0.005	0	0.030	0.030	0.015	0.260	1.000	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0	0.1	0	0.1	0	0.3	0.3	0.2	2.6	10.0	0.4

Licensee Comments: none

Drill/Exercise Performance



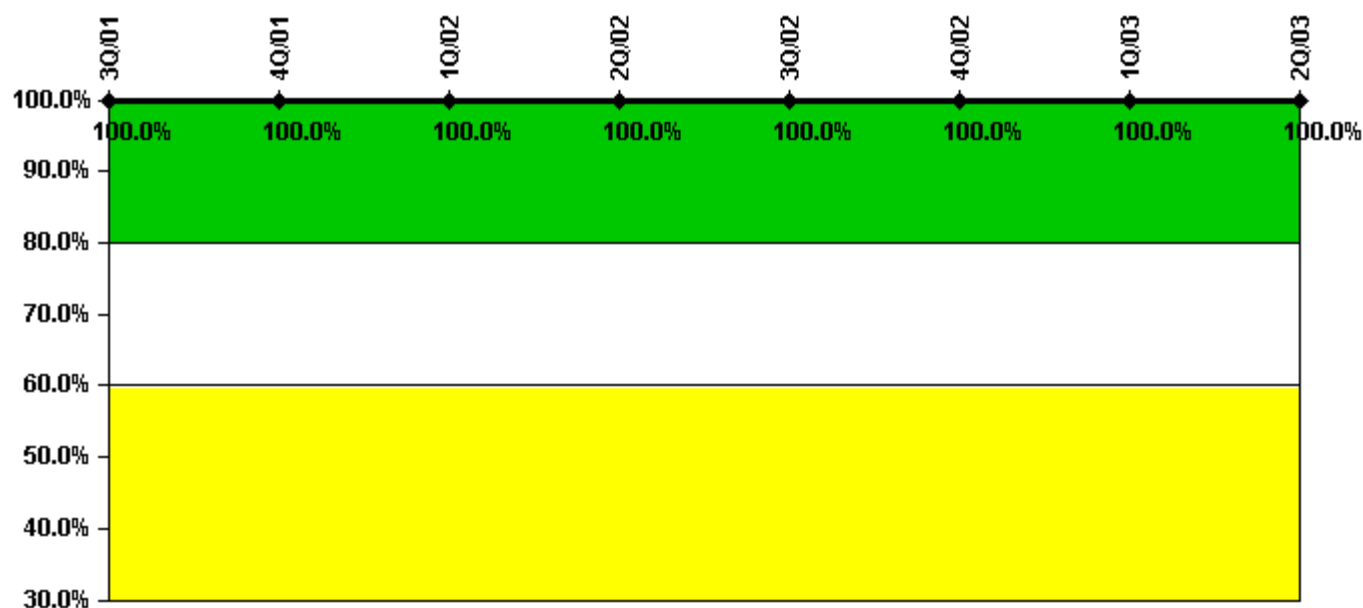
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Successful opportunities	82.0	12.0	47.0	13.0	70.0	5.0	87.0	48.0
Total opportunities	85.0	13.0	50.0	14.0	73.0	6.0	89.0	50.0
Indicator value	97.0%	96.6%	96.3%	96.3%	95.7%	94.5%	95.2%	95.8%

Licensee Comments: none

ERO Drill Participation



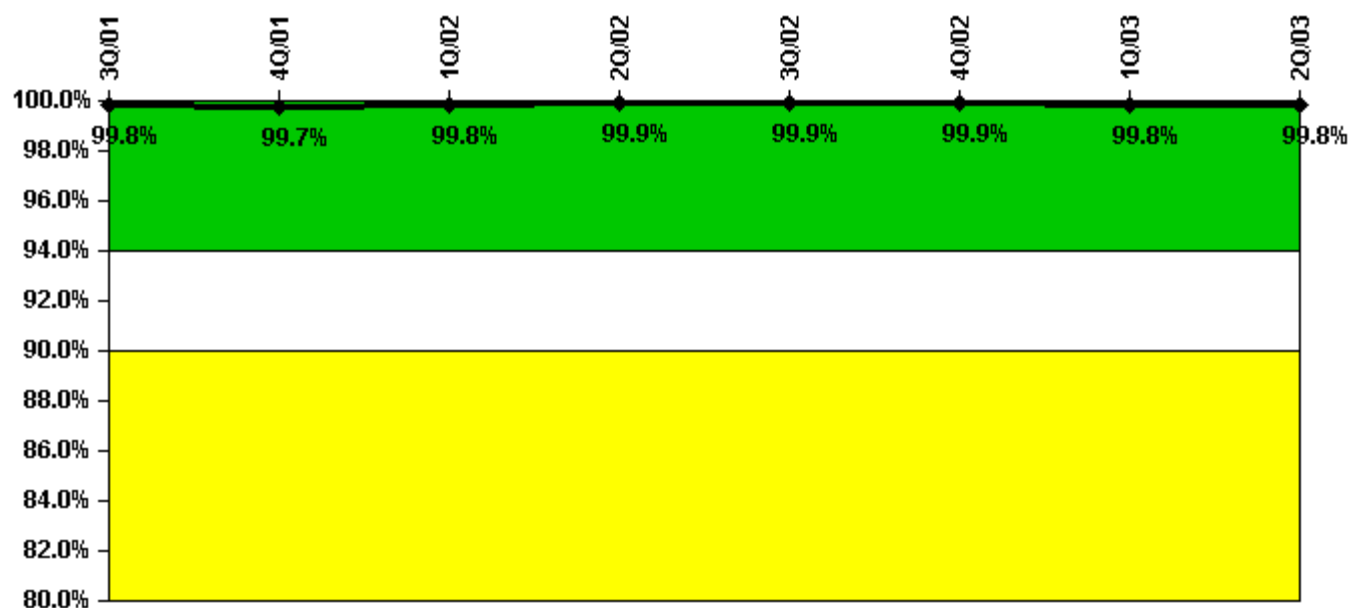
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Participating Key personnel	79.0	72.0	72.0	75.0	79.0	75.0	82.0	84.0
Total Key personnel	79.0	72.0	72.0	75.0	79.0	75.0	82.0	84.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



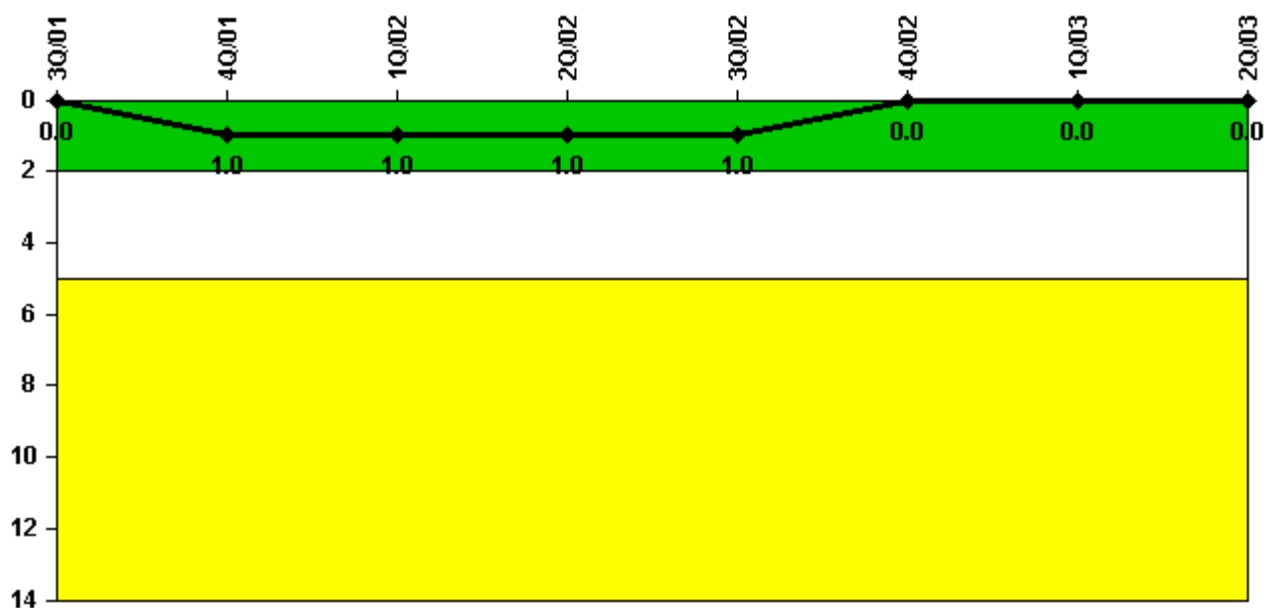
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Successful siren-tests	703	527	704	527	704	527	709	533
Total sirens-tests	704	528	704	528	704	528	711	534
Indicator value	99.8%	99.7%	99.8%	99.9%	99.9%	99.9%	99.8%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



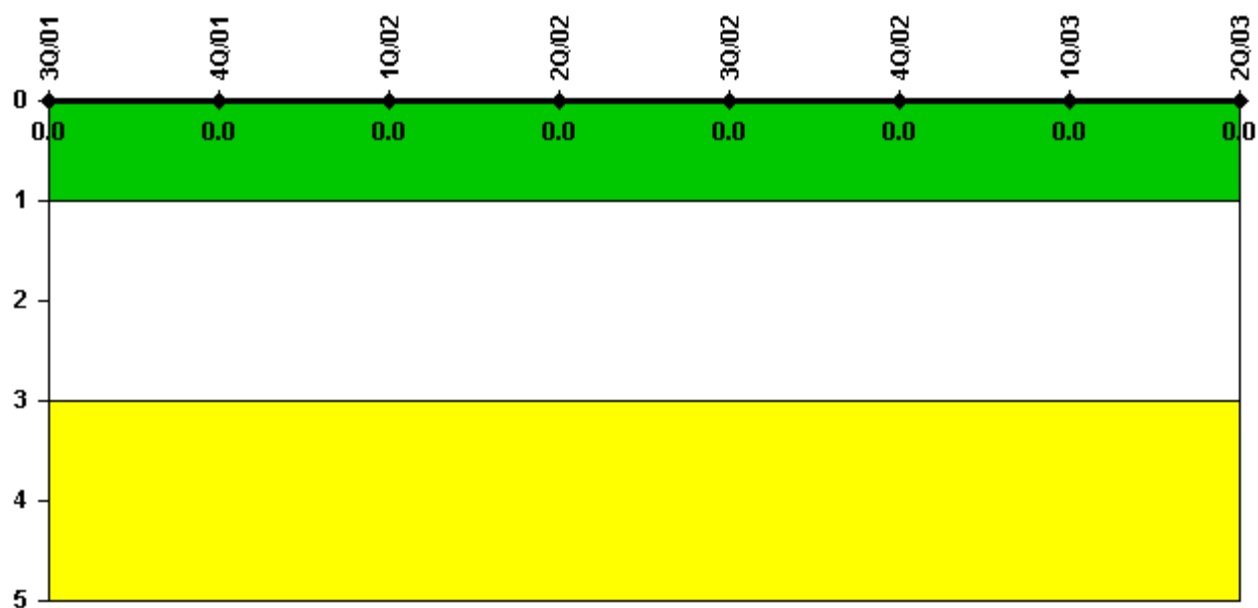
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
High radiation area occurrences	0	1	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	1	1	1	1	0	0	0

Licensee Comments:

4Q/02: LHRA event FAQ submitted. Data may change pending disposition of FAQ. UPDATE: FAQ 346 response determined that the previously reported 4Q/2002 event did not constitute a high radiation area occurrence. Therefore, data for the Q4/2002 high radiation area occurrences was corrected to show 0 occurrences.

RETS/ODCM Radiological Effluent

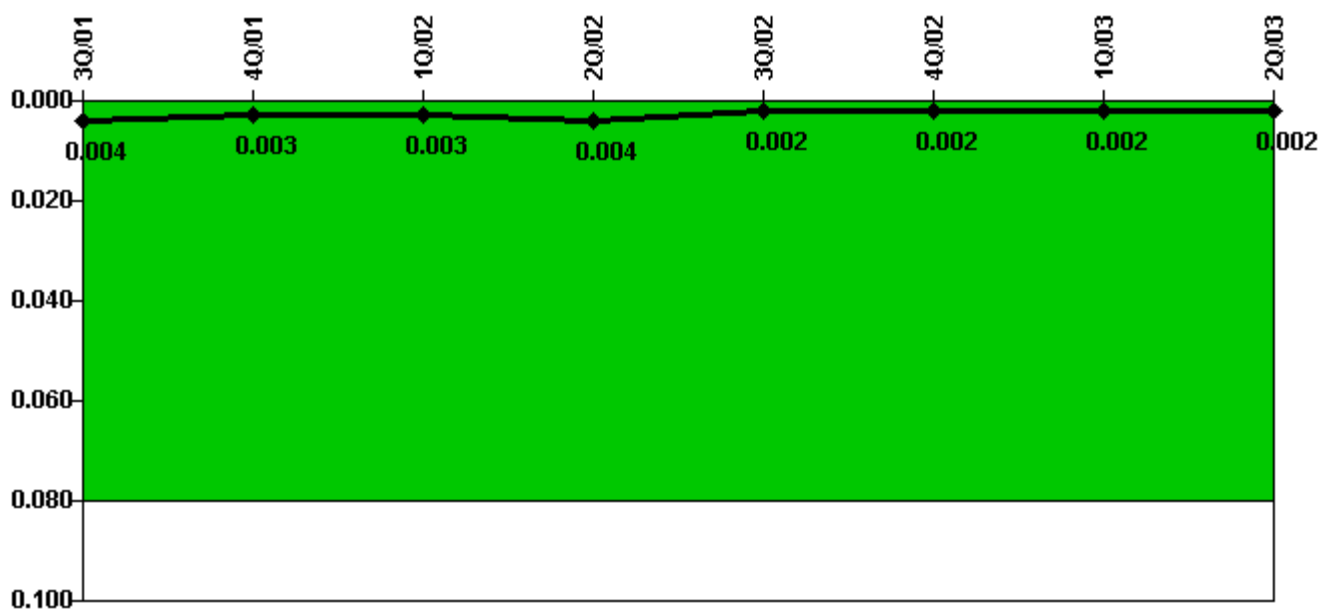
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index



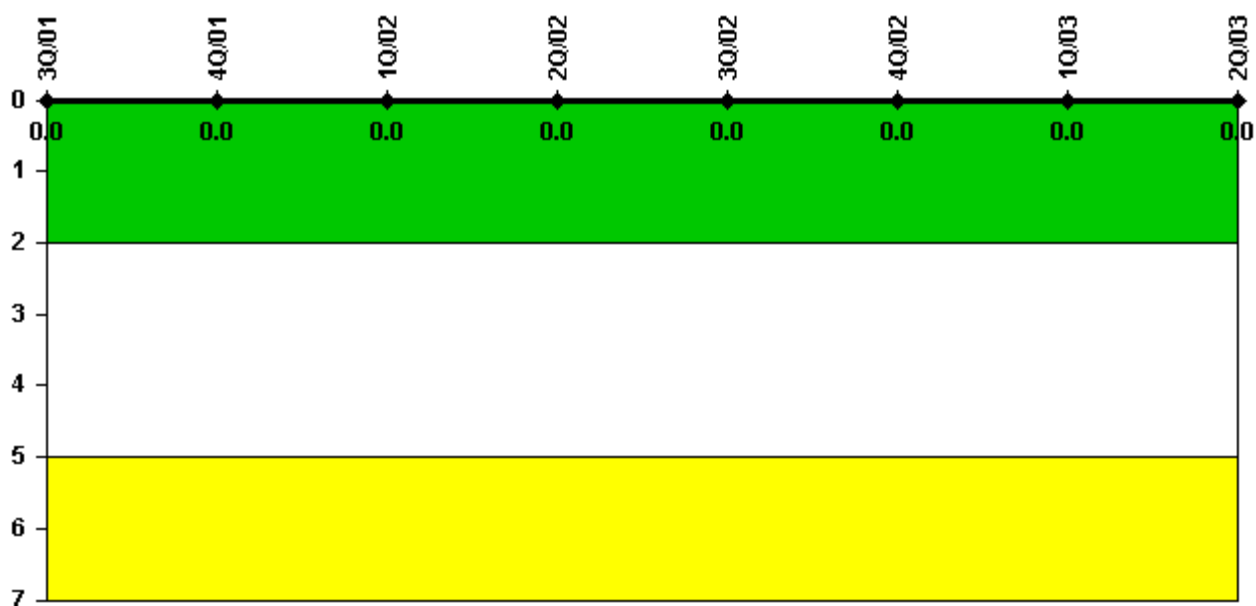
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
IDS compensatory hours	81.20	2.70	15.60	39.30	6.80	0	4.40	28.80
CCTV compensatory hours	0	0	0	0	0	0	0	9.5
IDS normalization factor	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80
CCTV normalization factor	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Index Value	0.004	0.003	0.003	0.004	0.002	0.002	0.002	0.002

Licensee Comments: none

Personnel Screening Program



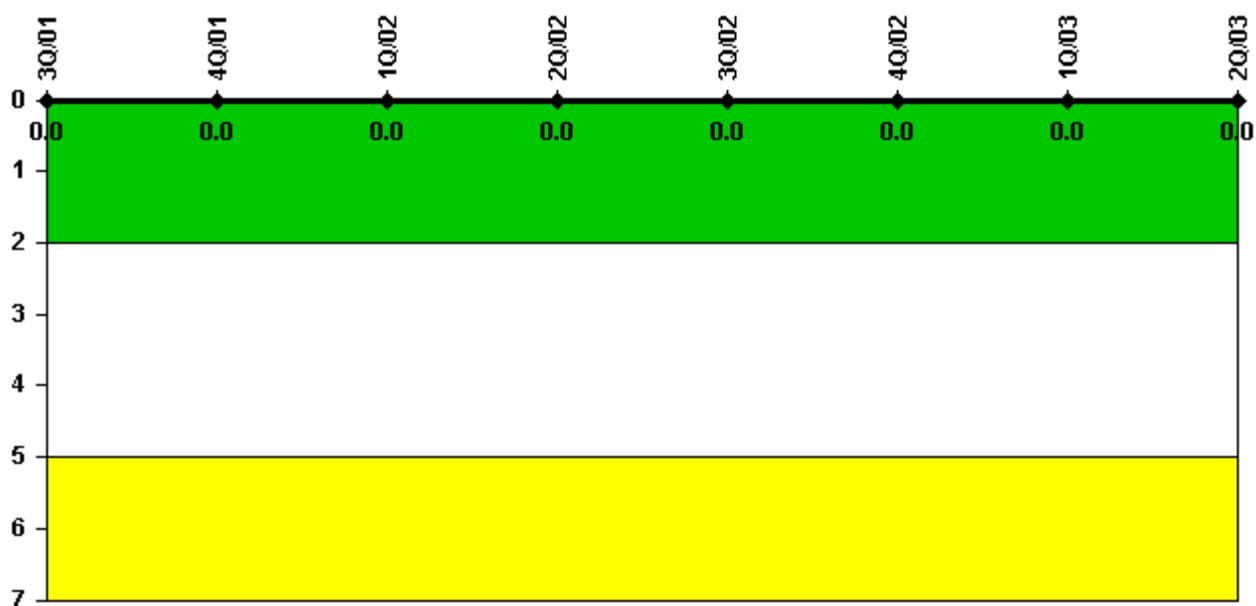
Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Program failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Program Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

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

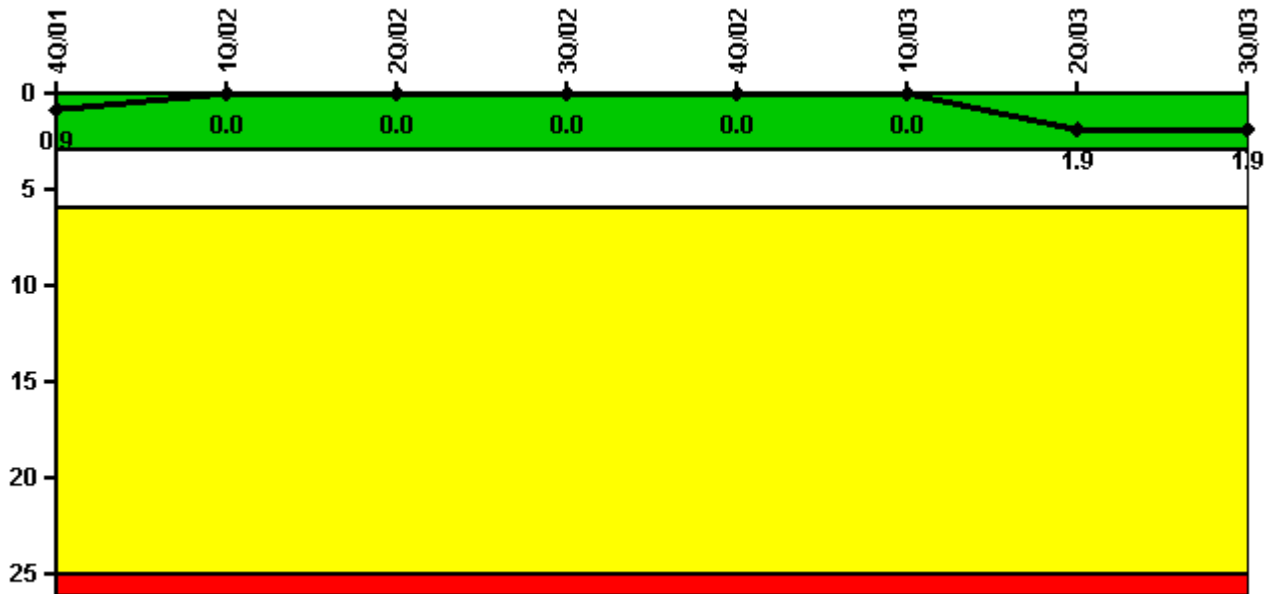
Last Modified: July 22, 2003

Saint Lucie 2

3Q/2003 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/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Unplanned scrams	0	0	0	0	0	0	2.0	0
Critical hours	1567.0	2145.4	2183.0	2208.0	2209.0	2160.0	841.2	2208.0
Indicator value	0.9	0	0	0	0	0	1.9	1.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



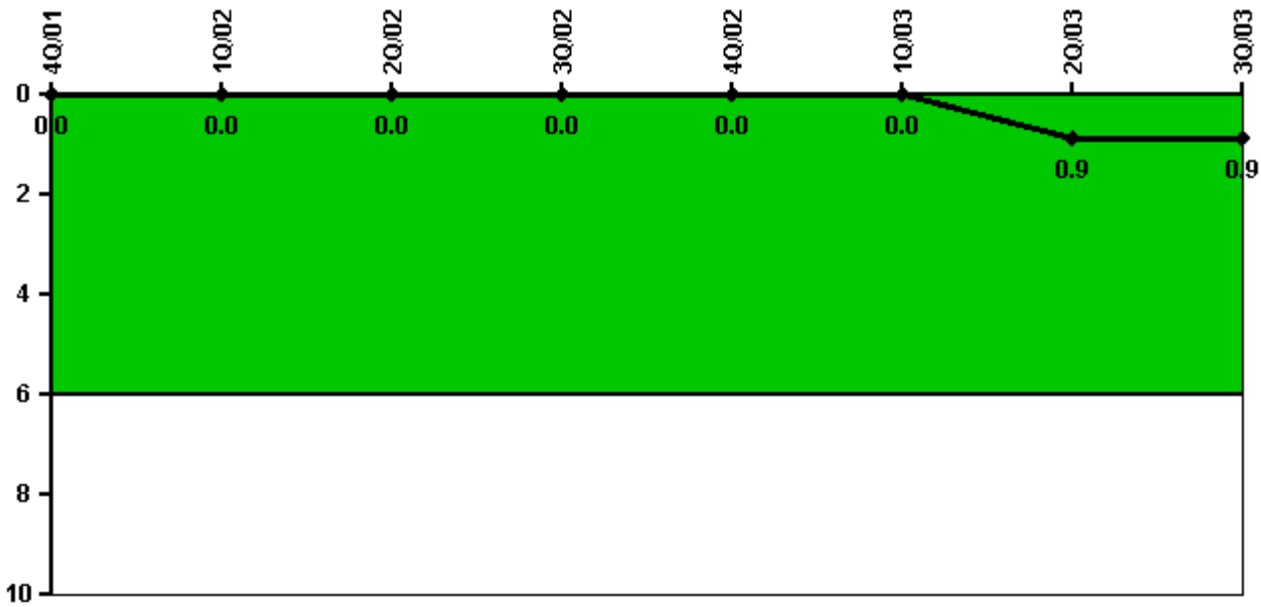
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
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



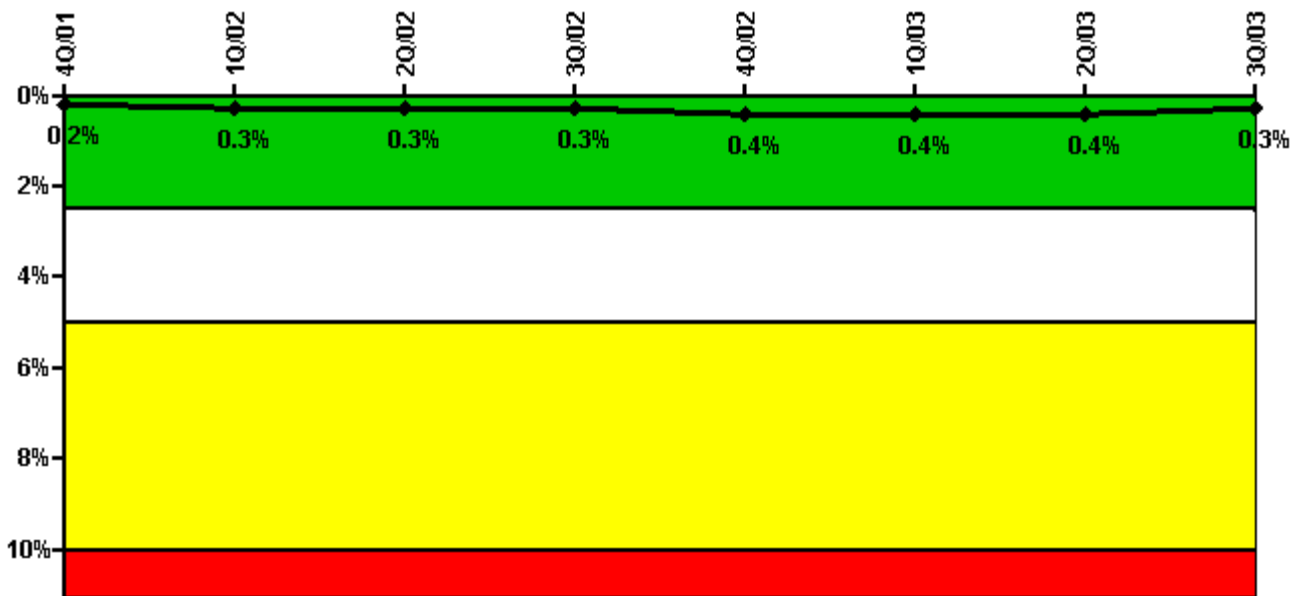
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Unplanned power changes	0	0	0	0	0	0	1.0	0
Critical hours	1567.0	2145.4	2183.0	2208.0	2209.0	2160.0	841.2	2208.0
Indicator value	0	0	0	0	0	0	0.9	0.9

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



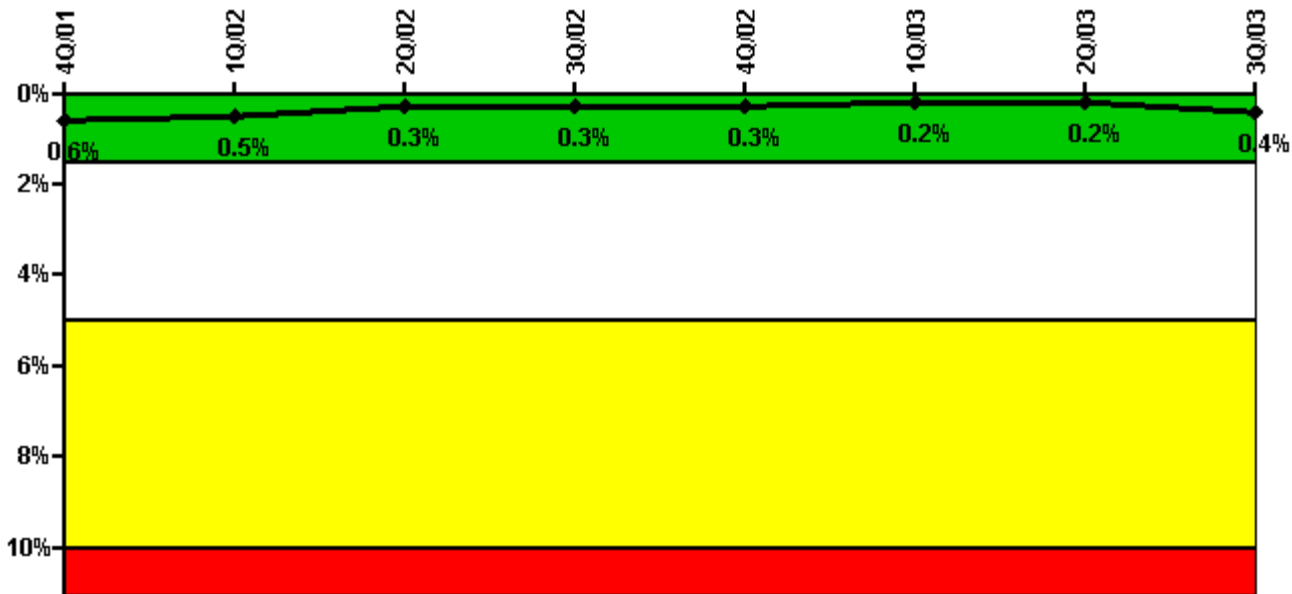
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Train 1								
Planned unavailable hours	3.60	5.40	5.90	6.40	7.00	9.00	3.90	6.50
Unplanned unavailable hours	0	16.00	1.90	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1941.00	2160.00	2183.00	2208.00	2209.00	2160.00	1697.20	2208.00
Train 2								
Planned unavailable hours	3.60	6.20	5.90	6.50	7.60	5.60	4.30	7.20
Unplanned unavailable hours	0	0	0	0	0	0	0	8.20
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1941.00	2160.00	2183.00	2208.00	2209.00	2160.00	1697.20	2208.00
Indicator value	0.2%	0.3%	0.3%	0.3%	0.4%	0.4%	0.4%	0.3%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

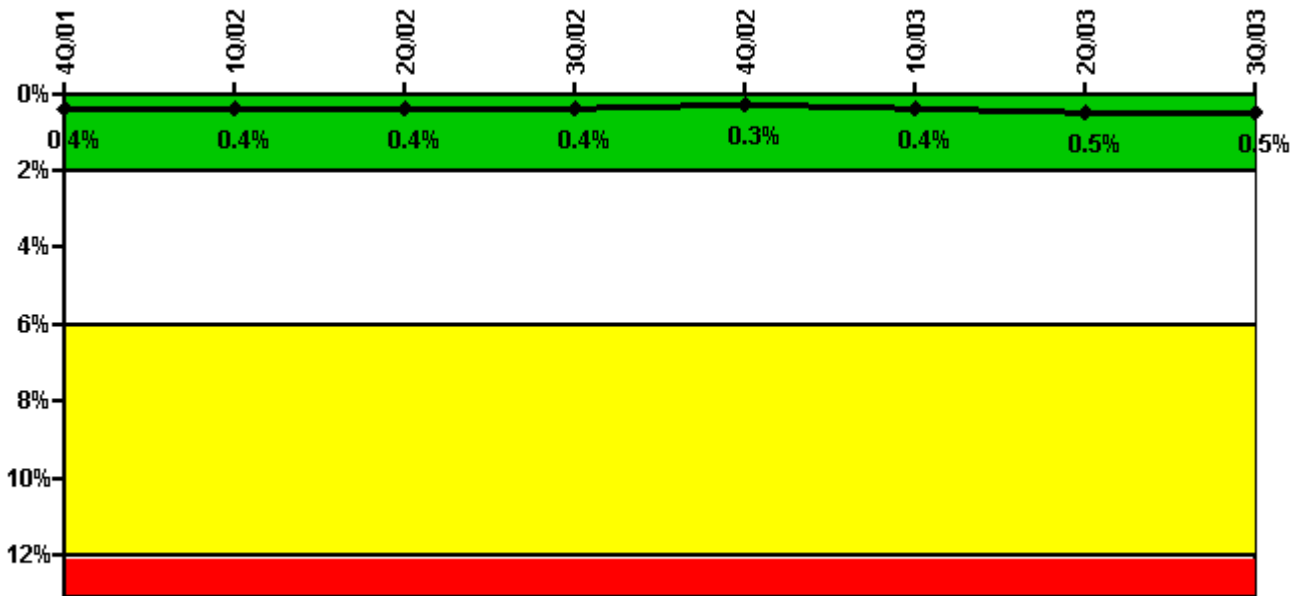
Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Train 1								
Planned unavailable hours	32.30	0.50	6.00	0.90	0.40	3.00	6.10	29.40
Unplanned unavailable hours	0	0	0	0	0	0	0	23.30
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1679.20	2160.00	2183.00	2208.00	2209.00	2160.00	1132.00	2208.00
Train 2								
Planned unavailable hours	38.00	0.90	7.00	0.60	1.20	2.10	2.40	32.80
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1679.20	2160.00	2183.00	2208.00	2209.00	2160.00	1132.00	2208.00
Indicator value	0.6%	0.5%	0.3%	0.3%	0.3%	0.2%	0.2%	0.4%

Licensee Comments:

3Q/03: 2A HPSI Train, 316.6 hours of T/2 Fault Exposure Hours.

3Q/03: 2A HPSI Train, 316.6 hours of T/2 Fault Exposure Hours.

Safety System Unavailability, Heat Removal System (AFW)



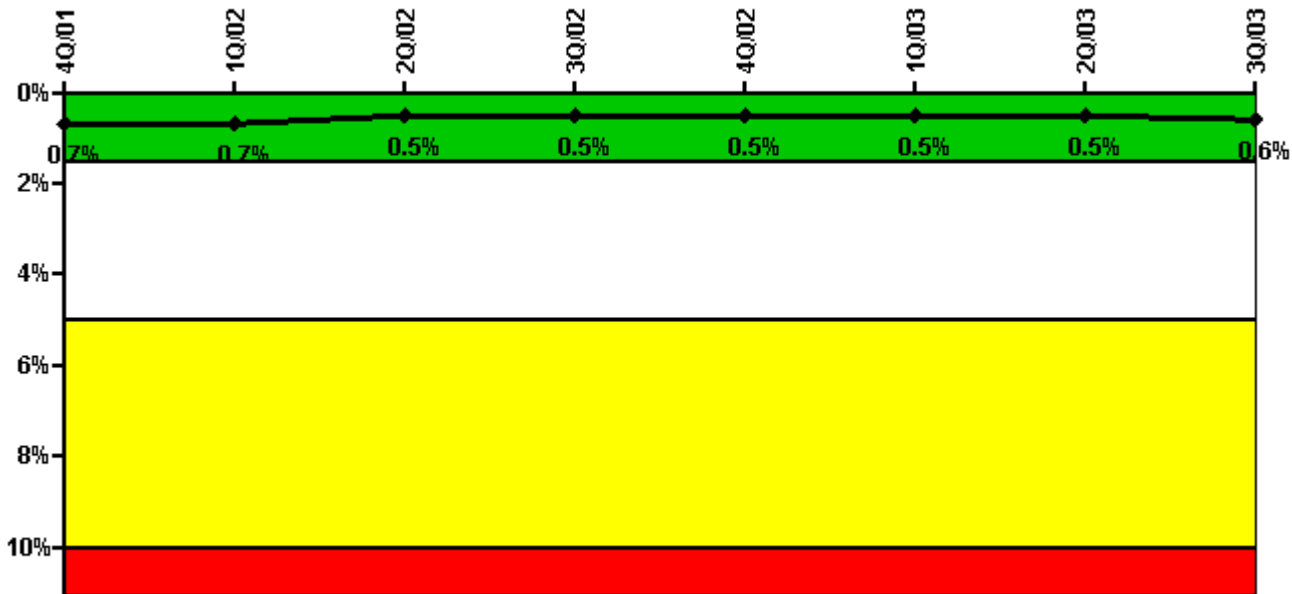
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Train 1								
Planned unavailable hours	3.50	2.80	10.10	1.30	2.00	13.10	2.40	1.50
Unplanned unavailable hours	2.50	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1656.00	2160.00	2183.00	2208.00	2209.00	2160.00	1180.90	2208.00
Train 2								
Planned unavailable hours	2.20	1.30	1.90	2.80	2.20	10.30	2.30	10.00
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1656.00	2160.00	2183.00	2208.00	2209.00	2160.00	1180.90	2208.00
Train 3								
Planned unavailable hours	18.20	11.30	11.50	7.40	14.20	18.70	2.20	7.70
Unplanned unavailable hours	7.80	0	0	0	0	0	62.70	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1656.00	2160.00	2183.00	2208.00	2209.00	2160.00	1180.90	2208.00
Indicator value	0.4%	0.4%	0.4%	0.4%	0.3%	0.4%	0.5%	0.5%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Train 1								
Planned unavailable hours	63.60	4.10	9.10	49.00	4.00	5.20	0.50	34.70
Unplanned unavailable hours	0	0	0	0	0	0	0	23.30
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1647.90	2160.00	2183.00	2208.00	2209.00	2160.00	1132.00	2208.00
Train 2								
Planned unavailable hours	42.50	2.80	49.90	4.10	4.90	38.40	0.40	45.50
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1647.90	2160.00	2183.00	2208.00	2209.00	2160.00	1132.00	2208.00
Train 3								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	553.20	0	0	0	0	0	693.90	0
Train 4								

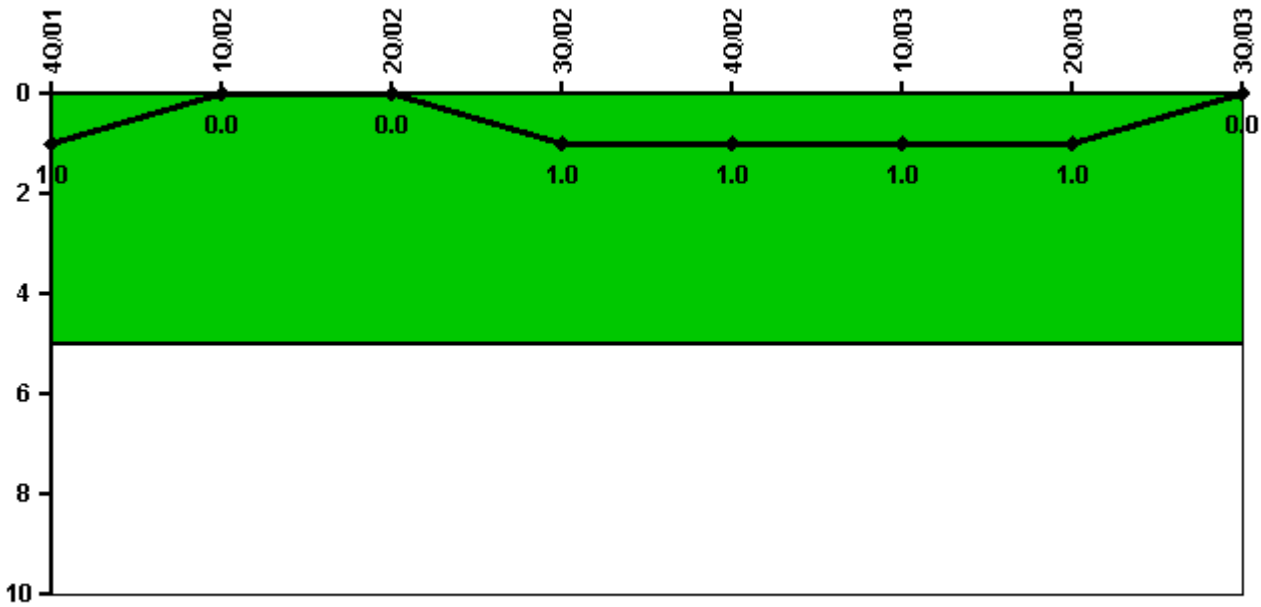
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	553.20	0	0	0	0	0	693.90	0
Indicator value	0.7%	0.7%	0.5%	0.5%	0.5%	0.5%	0.5%	0.6%

Licensee Comments:

3Q/03: Train 1, 316.6 hours of T/2 Fault Exposure Hours.

3Q/03: Train 1, 316.6 hours of T/2 Fault Exposure Hours.

Safety System Functional Failures (PWR)



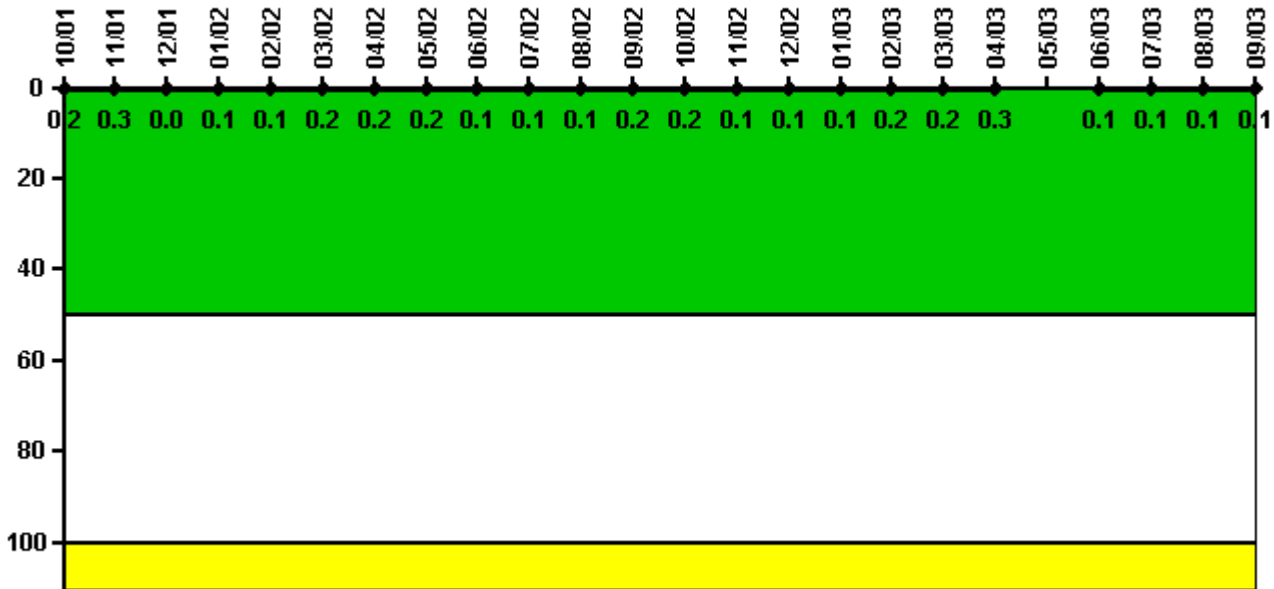
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Safety System Functional Failures	0	0	0	1	0	0	0	0
Indicator value	1	0	0	1	1	1	1	0

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

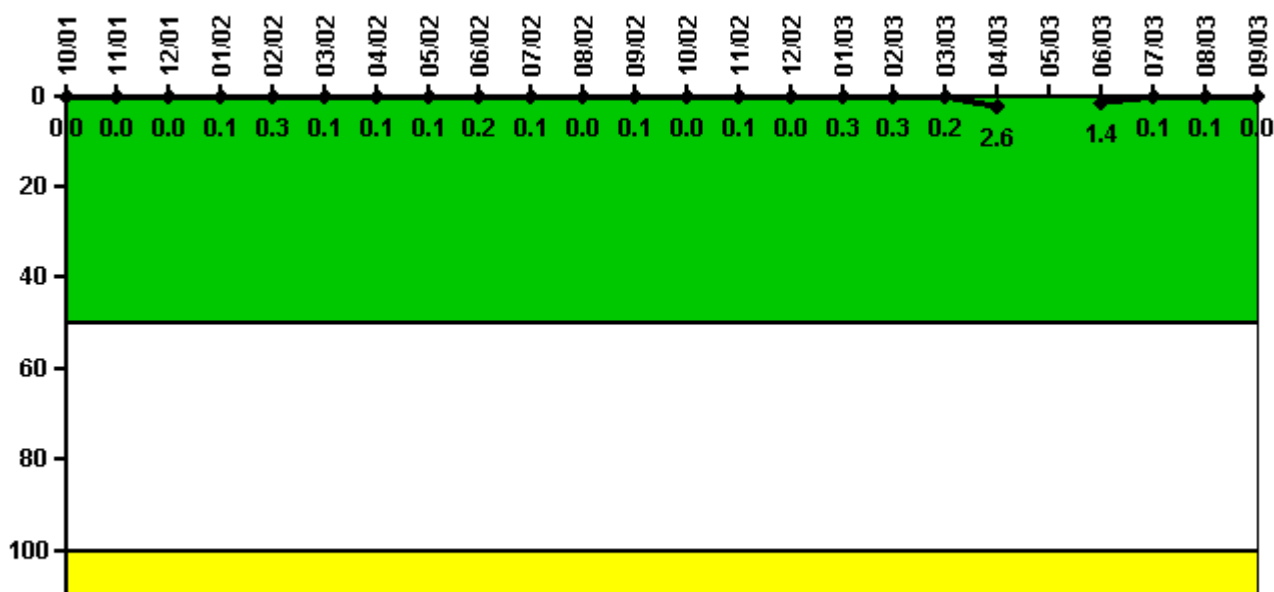
Notes

Reactor Coolant System Activity	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02
Maximum activity	0.001660	0.002580	0.000466	0.000991	0.001320	0.001890	0.001580	0.001610	0.001460	0.001490	0.001470	0.001730
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.2	0.3	0	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.2

Reactor Coolant System Activity	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03
Maximum activity	0.001680	0.001380	0.001330	0.001400	0.001660	0.001590	0.003190	N/A	0.000944	0.001140	0.001040	0.001170
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.2	0.1	0.1	0.1	0.2	0.2	0.3	N/A	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	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02
Maximum leakage	0.004	0	0	0.010	0.030	0.010	0.010	0.010	0.020	0.005	0	0.007
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0	0	0.1	0.3	0.1	0.1	0.1	0.2	0.1	0	0.1

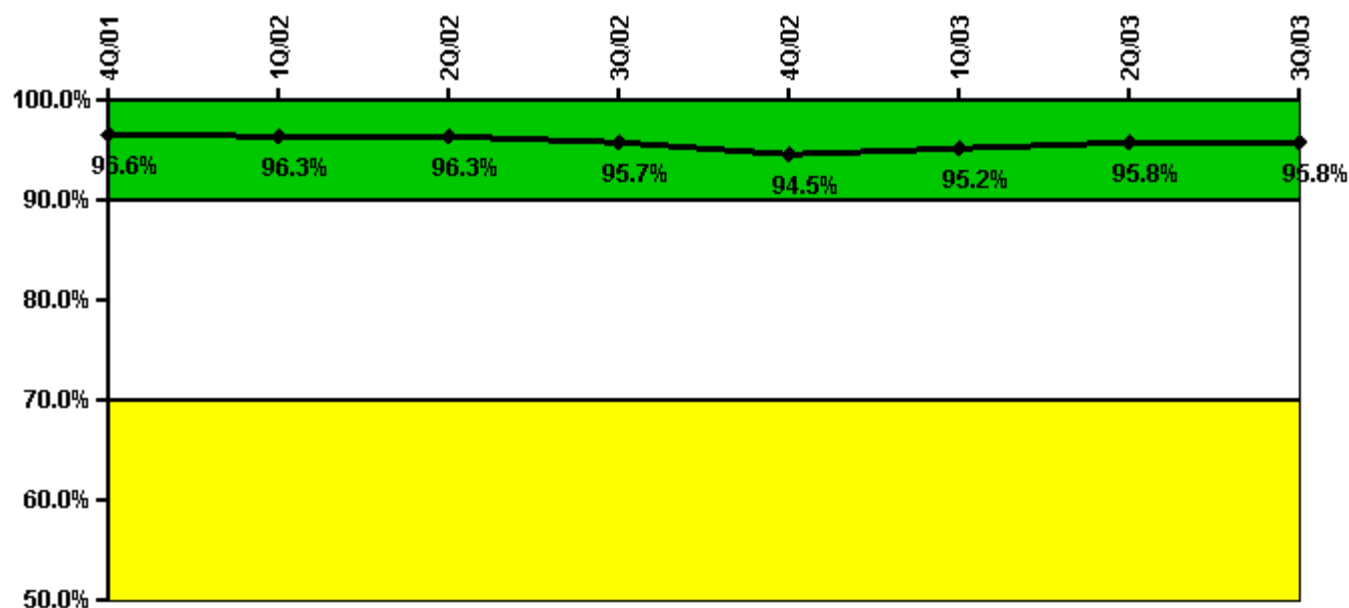
Reactor Coolant System Leakage	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03
Maximum leakage	0.002	0.005	0	0.030	0.030	0.015	0.260	N/A	0.135	0.007	0.010	0.004
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0.1	0	0.3	0.3	0.2	2.6	N/A	1.4	0.1	0.1	0

Licensee Comments:

6/03: Plant conditions did not require RCS leakage to be calculated at any time during the entire month of May. Minor correction made to June RCS leakage data.

6/03: Plant conditions did not require RCS leakage to be calculated at any time during the entire month of May. Minor correction made to June RCS leakage data.

Drill/Exercise Performance



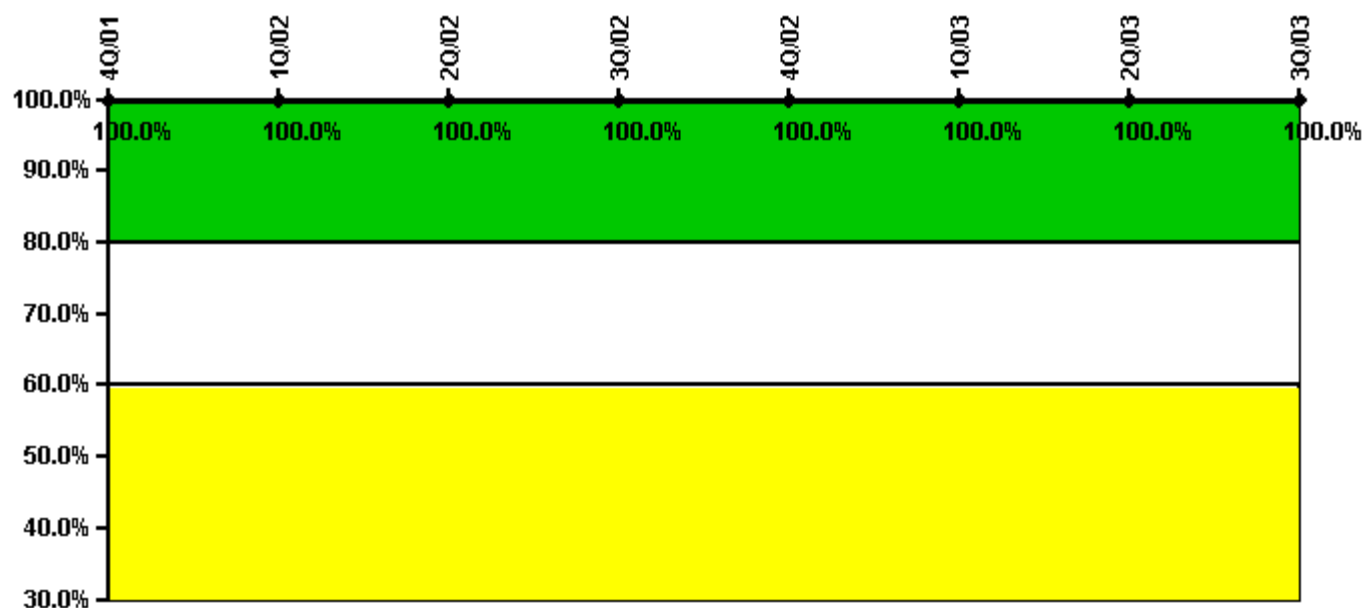
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Successful opportunities	12.0	47.0	13.0	70.0	5.0	87.0	48.0	80.0
Total opportunities	13.0	50.0	14.0	73.0	6.0	89.0	50.0	83.0
Indicator value	96.6%	96.3%	96.3%	95.7%	94.5%	95.2%	95.8%	95.8%

Licensee Comments: none

ERO Drill Participation



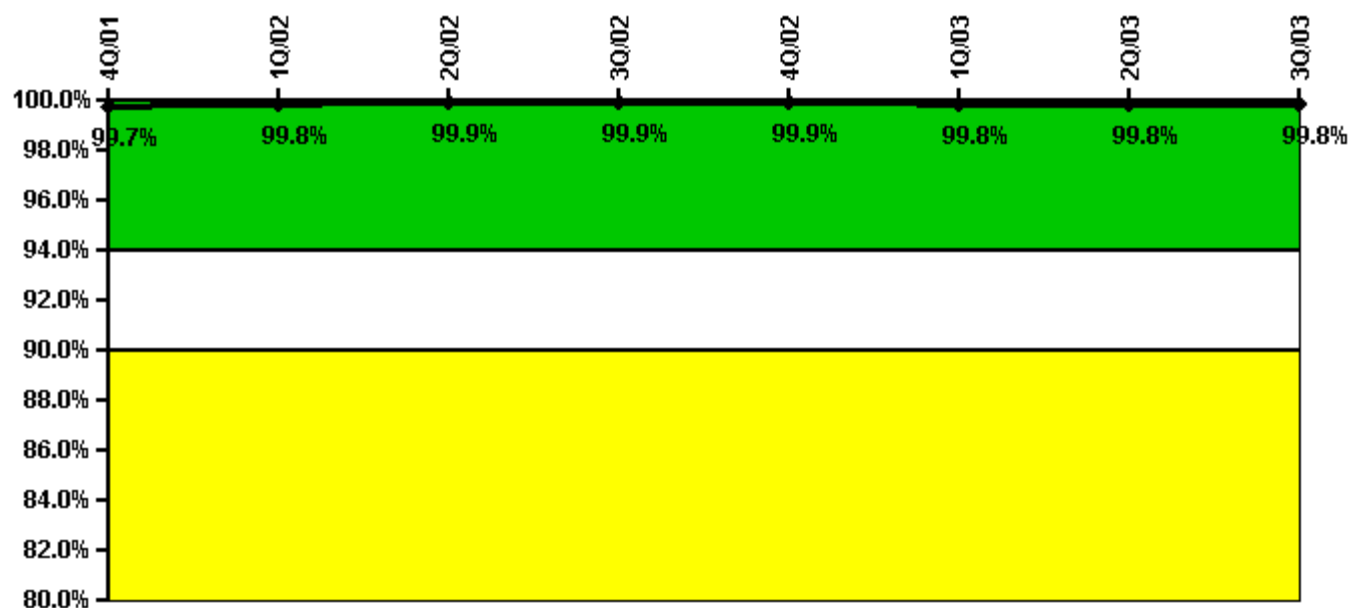
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Participating Key personnel	72.0	72.0	75.0	79.0	75.0	82.0	84.0	81.0
Total Key personnel	72.0	72.0	75.0	79.0	75.0	82.0	84.0	81.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



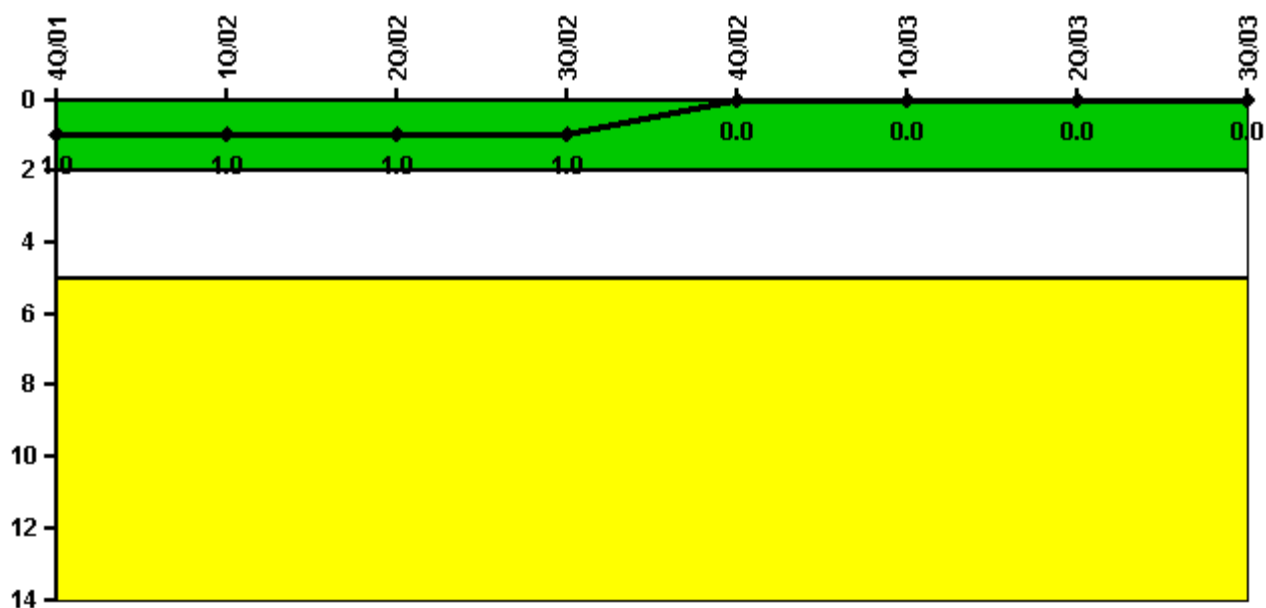
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Successful siren-tests	527	704	527	704	527	709	533	710
Total sirens-tests	528	704	528	704	528	711	534	712
Indicator value	99.7%	99.8%	99.9%	99.9%	99.9%	99.8%	99.8%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness

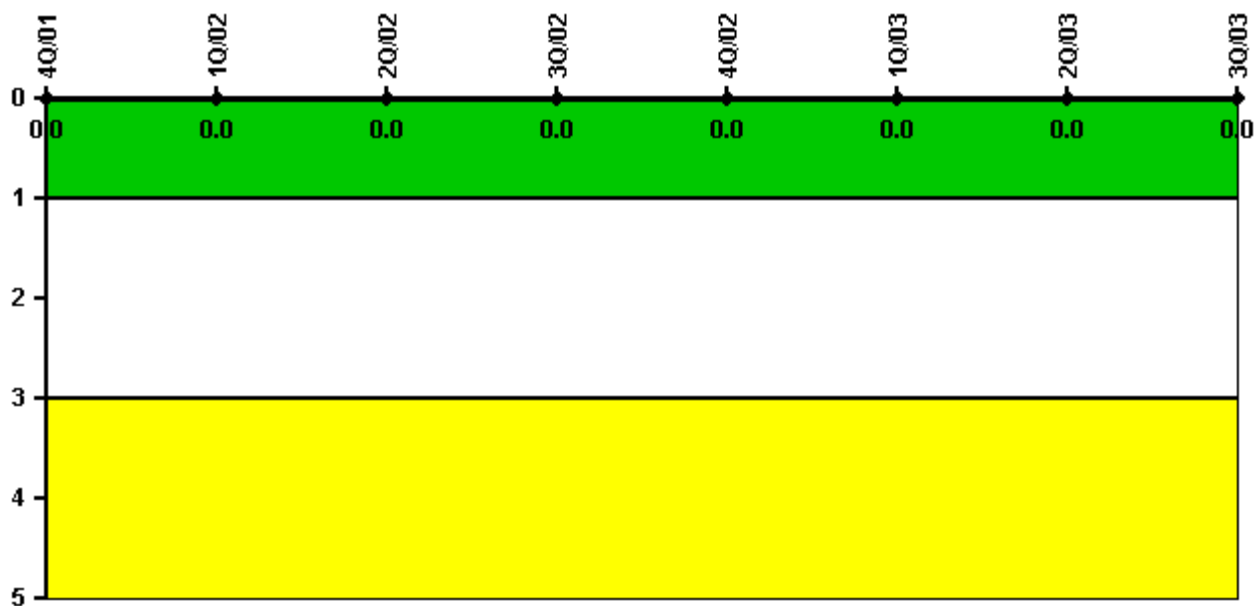


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
High radiation area occurrences	1	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	1	1	1	1	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent

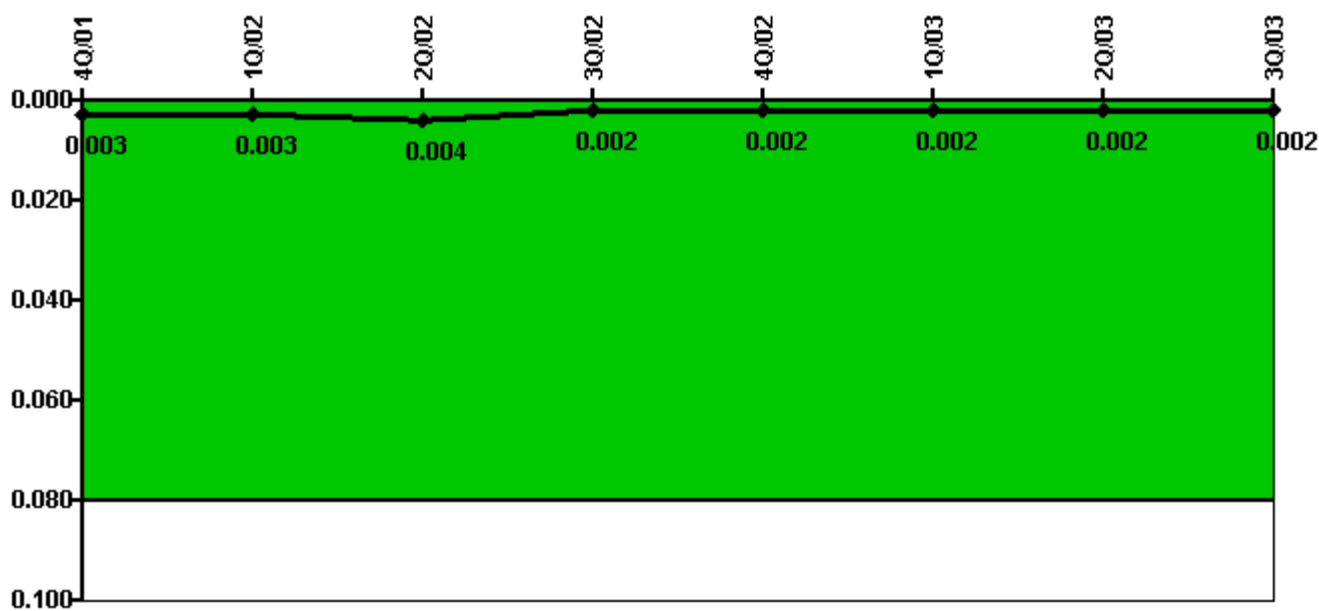
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index



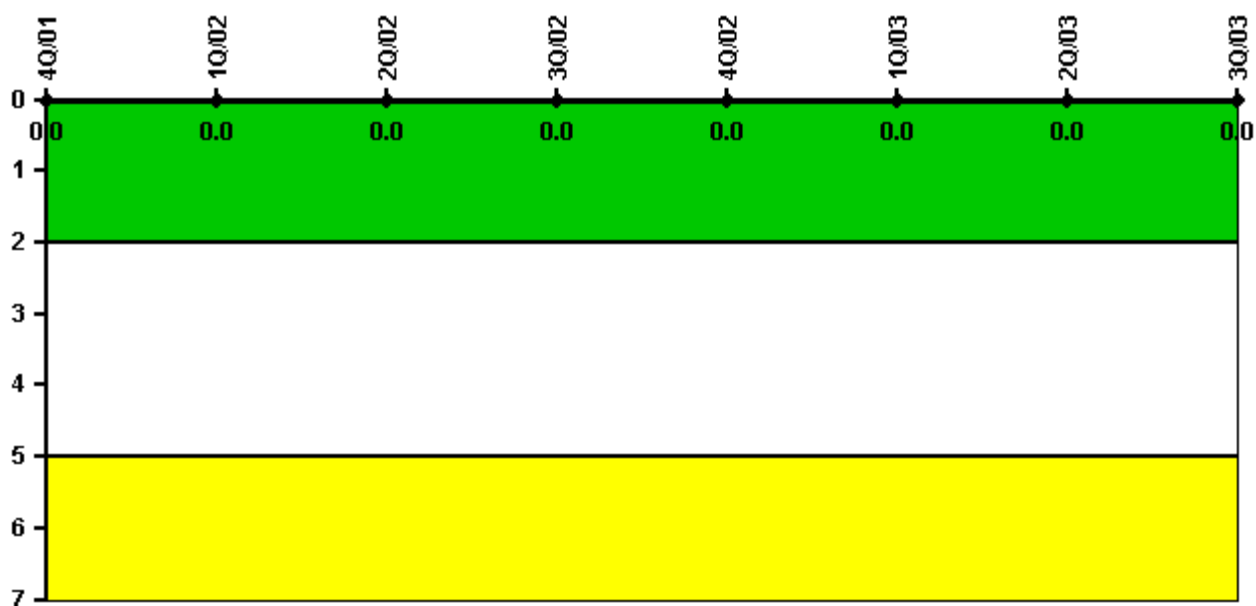
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
IDS compensatory hours	2.70	15.60	39.30	6.80	0	4.40	28.80	10.00
CCTV compensatory hours	0	0	0	0	0	0	9.5	0
IDS normalization factor	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80
CCTV normalization factor	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Index Value	0.003	0.003	0.004	0.002	0.002	0.002	0.002	0.002

Licensee Comments: none

Personnel Screening Program



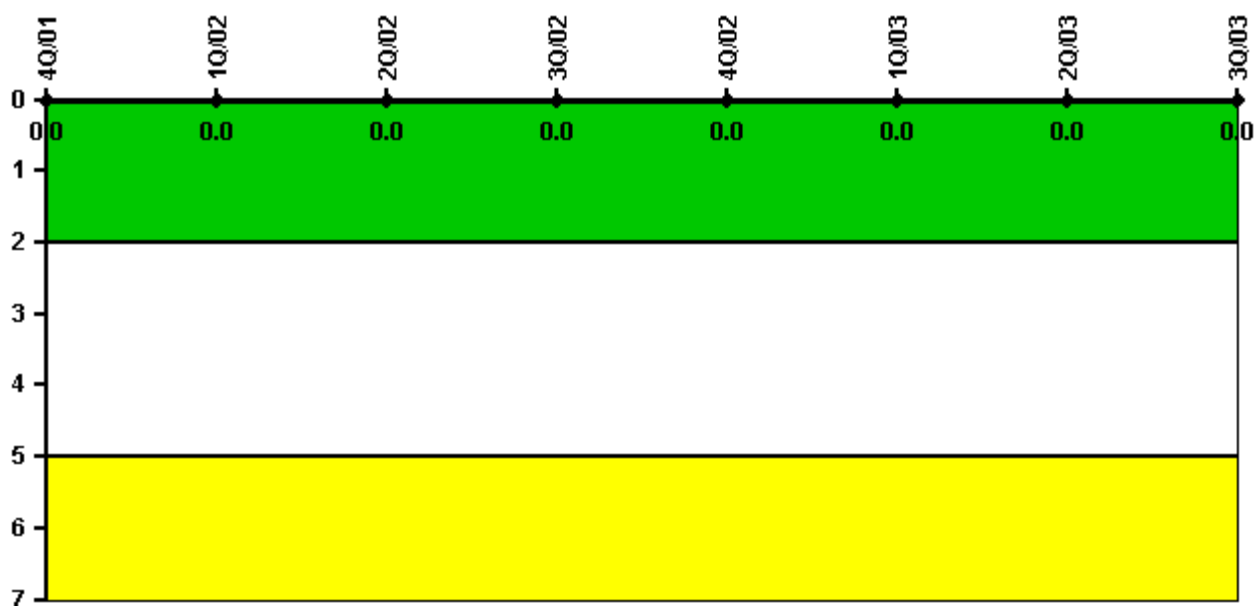
Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Program failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Program Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

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

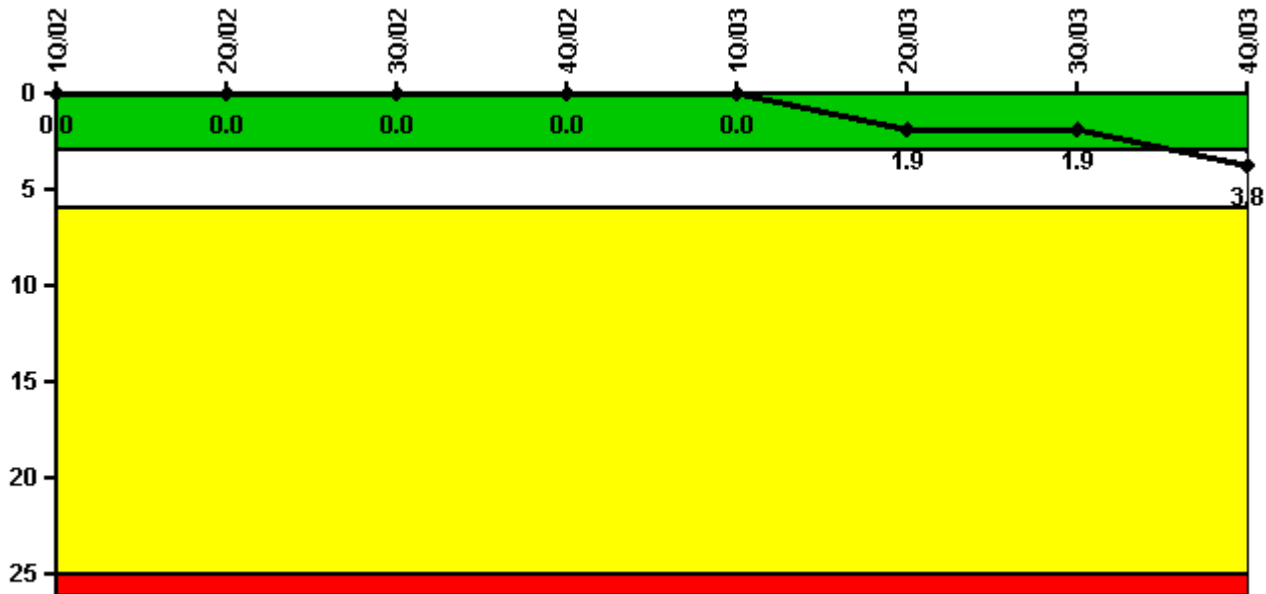
Last Modified: October 28, 2003

Saint Lucie 2

4Q/2003 Performance Indicators

Licensee's General Comments: Unplanned Scrams per 7000 critical hours crossed the Green-White threshold.

Unplanned Scrams per 7000 Critical Hrs



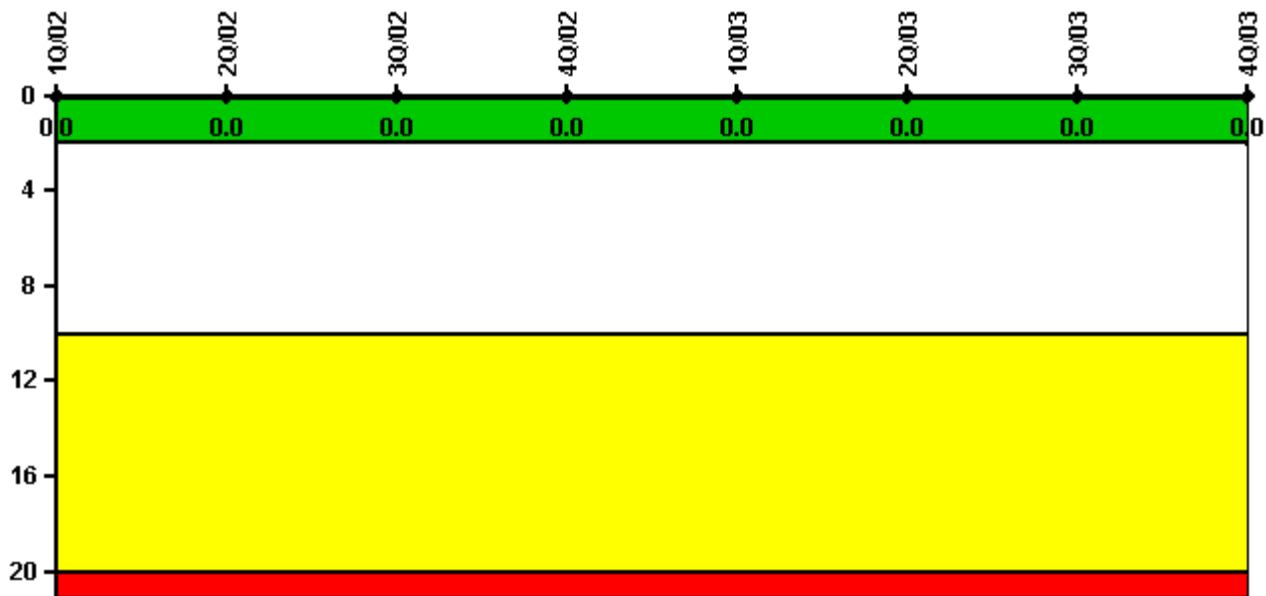
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Unplanned scrams	0	0	0	0	0	2.0	0	2.0
Critical hours	2145.4	2183.0	2208.0	2209.0	2160.0	841.2	2208.0	2068.8
Indicator value	0	0	0	0	0	1.9	1.9	3.8

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



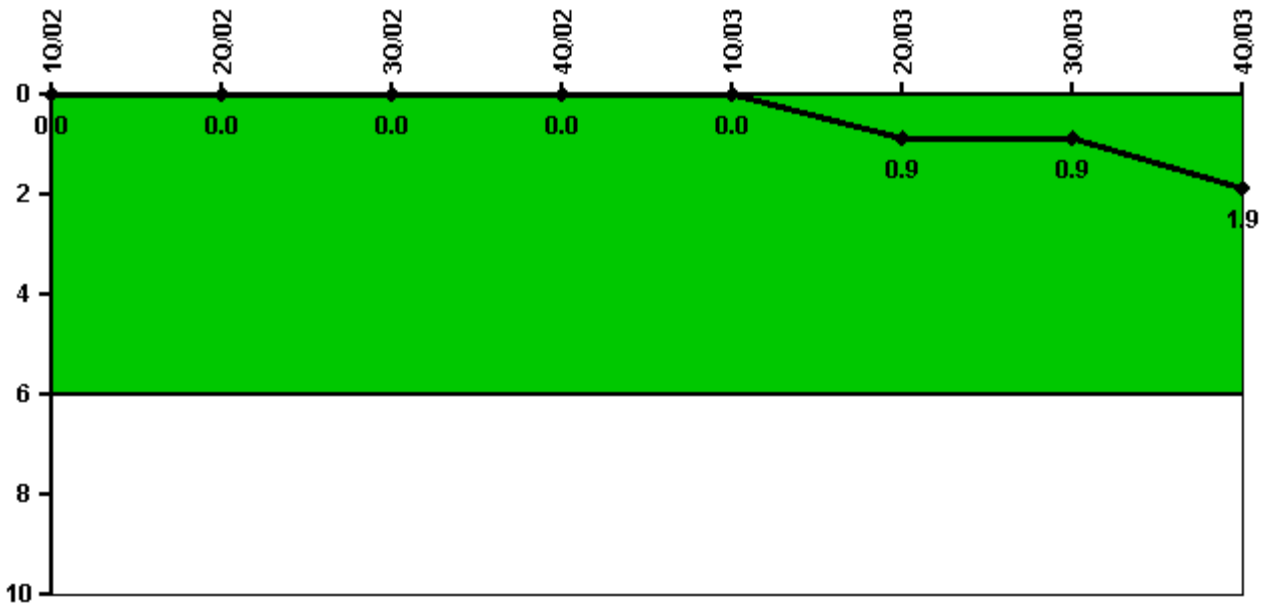
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
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



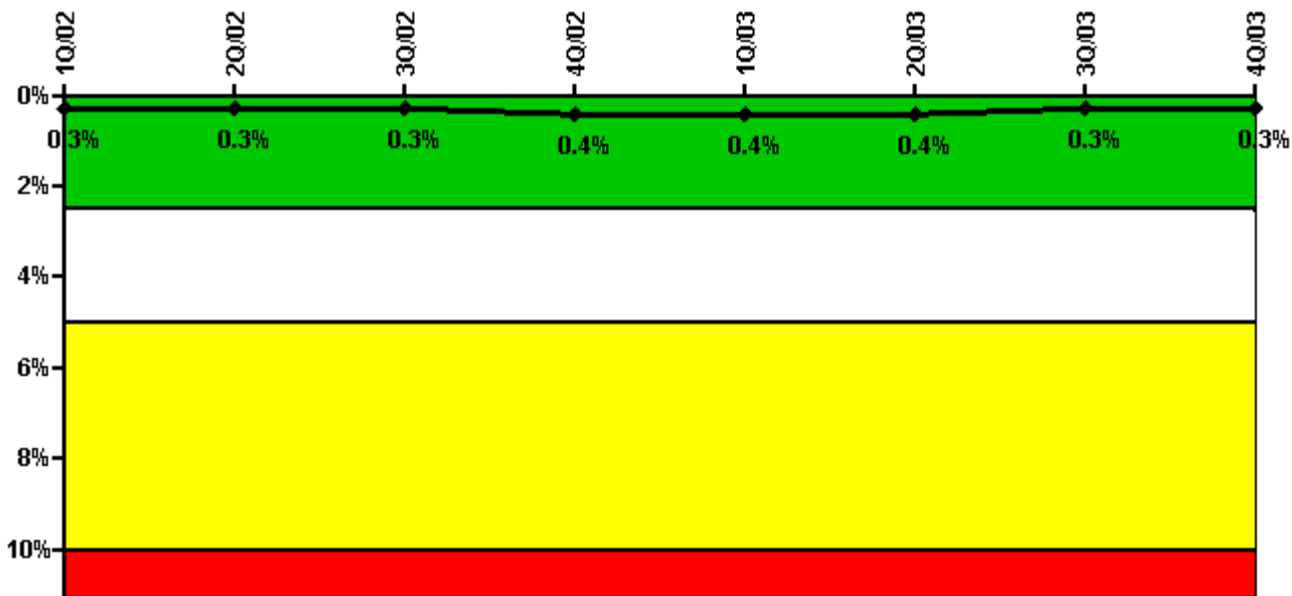
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Unplanned power changes	0	0	0	0	0	1.0	0	1.0
Critical hours	2145.4	2183.0	2208.0	2209.0	2160.0	841.2	2208.0	2068.8
Indicator value	0	0	0	0	0	0.9	0.9	1.9

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



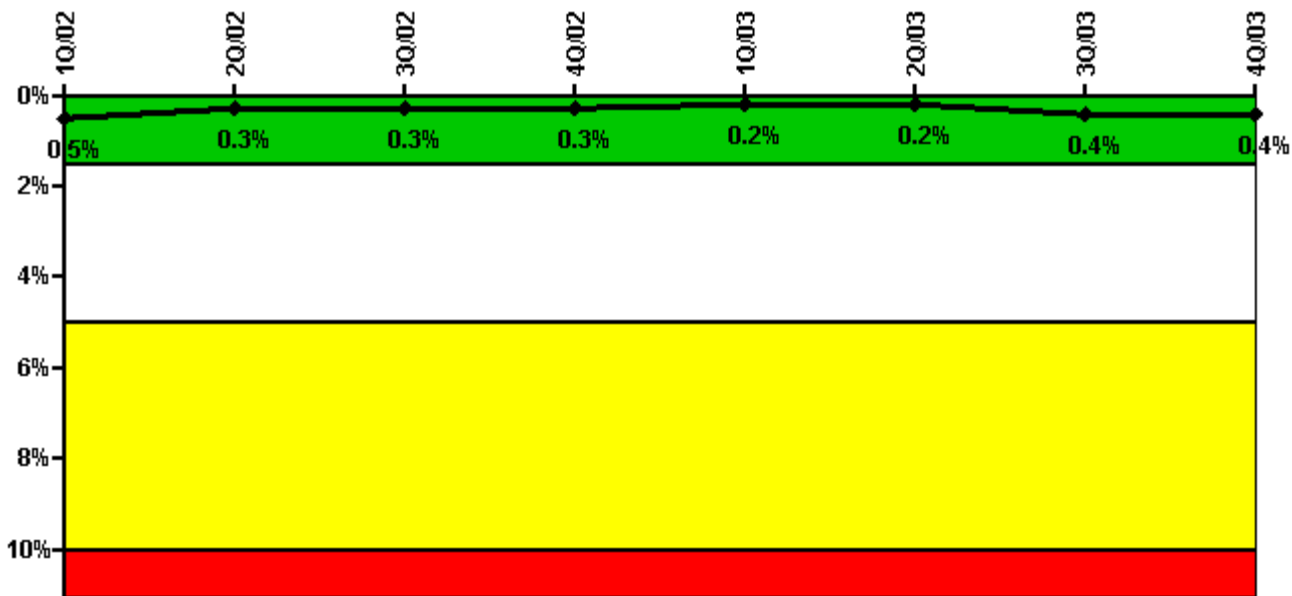
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Train 1								
Planned unavailable hours	5.40	5.90	6.40	7.00	9.00	3.90	6.50	6.01
Unplanned unavailable hours	16.00	1.90	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2160.00	1697.20	2208.00	2209.00
Train 2								
Planned unavailable hours	6.20	5.90	6.50	7.60	5.60	4.30	7.20	7.27
Unplanned unavailable hours	0	0	0	0	0	0	8.20	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2160.00	1697.20	2208.00	2209.00
Indicator value	0.3%	0.3%	0.3%	0.4%	0.4%	0.4%	0.3%	0.3%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



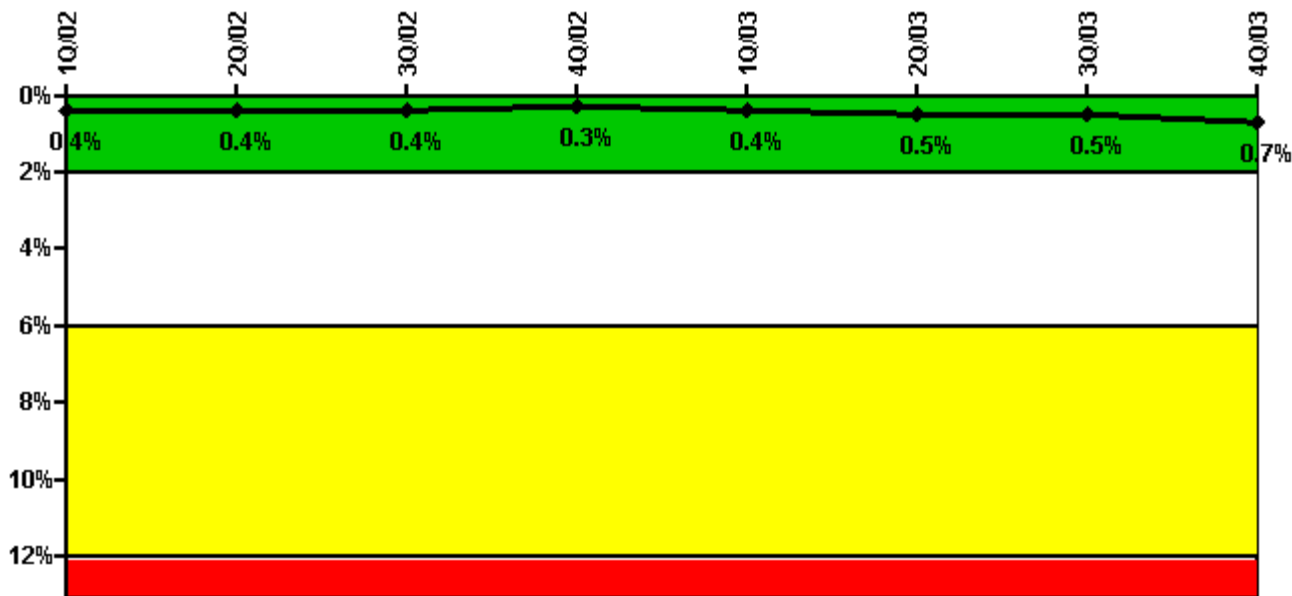
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Train 1								
Planned unavailable hours	0.50	6.00	0.90	0.40	3.00	6.10	29.40	0.60
Unplanned unavailable hours	0	0	0	0	0	0	23.30	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2160.00	1132.00	2208.00	2209.00
Train 2								
Planned unavailable hours	0.90	7.00	0.60	1.20	2.10	2.40	32.80	0.30
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2160.00	1132.00	2208.00	2209.00
Indicator value	0.5%	0.3%	0.3%	0.3%	0.2%	0.2%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

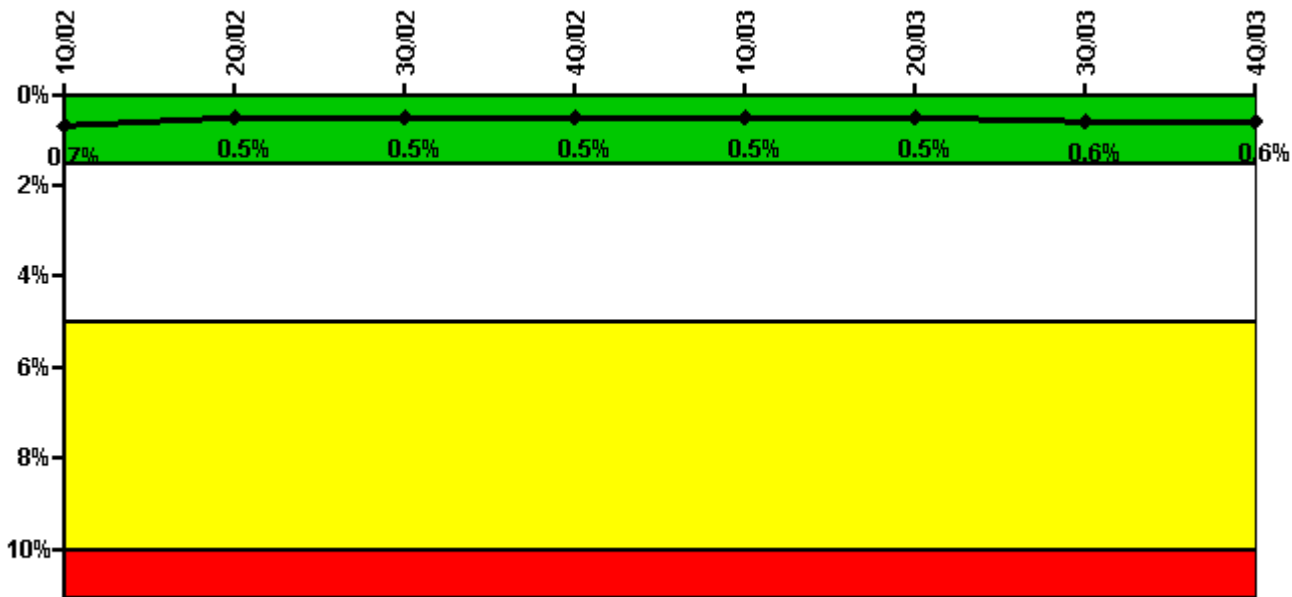
Safety System Unavailability, Heat Removal System (AFW)	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Train 1								
Planned unavailable hours	2.80	10.10	1.30	2.00	13.10	2.40	1.50	12.50
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2160.00	1180.90	2208.00	2209.00
Train 2								
Planned unavailable hours	1.30	1.90	2.80	2.20	10.30	2.30	10.00	1.40
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2160.00	1180.90	2208.00	2209.00
Train 3								
Planned unavailable hours	11.30	11.50	7.40	14.20	18.70	2.20	7.70	14.60
Unplanned unavailable hours	0	0	0	0	0	62.70	0	125.40
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2160.00	1180.90	2208.00	2209.00
Indicator value	0.4%	0.4%	0.4%	0.3%	0.4%	0.5%	0.5%	0.7%

Licensee Comments:

4Q/03: St. Lucie is evaluating if fault exposure hours are applicable for a December 20, 2003 event when the 2C

TDAFW pump tripped on overspeed.

Safety System Unavailability, Residual Heat Removal System



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

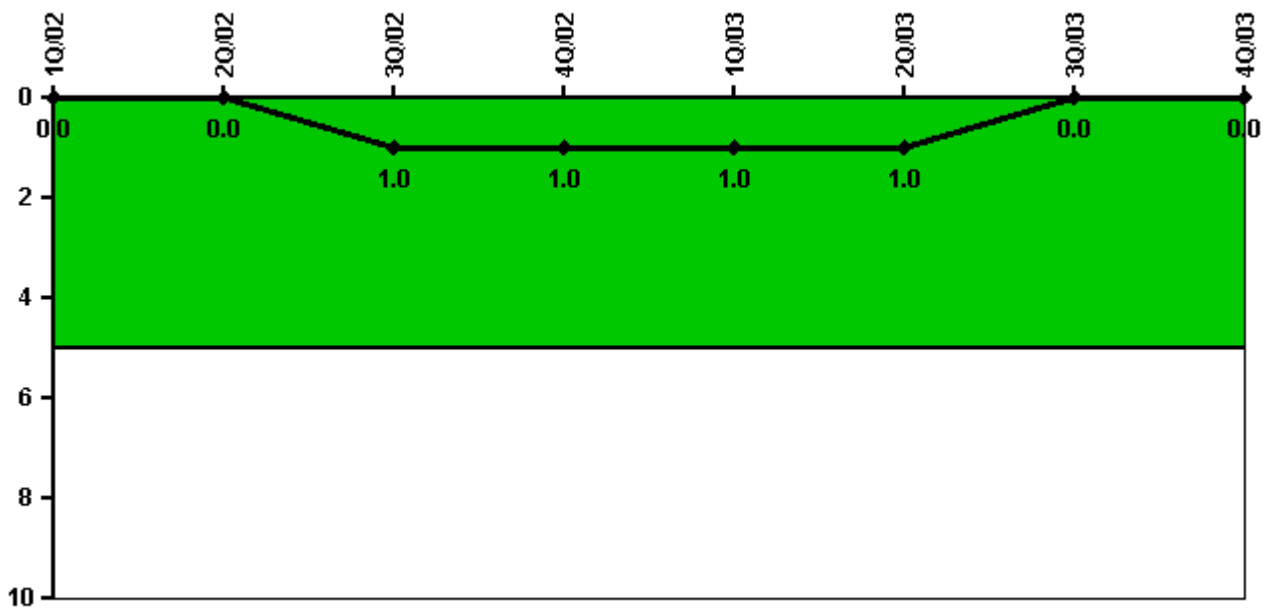
Notes

Safety System Unavailability, Residual Heat Removal System	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Train 1								
Planned unavailable hours	4.10	9.10	49.00	4.00	5.20	0.50	34.70	12.10
Unplanned unavailable hours	0	0	0	0	0	0	23.30	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2160.00	1132.00	2208.00	2209.00
Train 2								
Planned unavailable hours	2.80	49.90	4.10	4.90	38.40	0.40	45.50	6.10
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2160.00	1132.00	2208.00	2209.00
Train 3								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0

Required hours	0	0	0	0	0	693.90	0	0
Train 4								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	0	0	0	0	693.90	0	0
Indicator value	0.7%	0.5%	0.5%	0.5%	0.5%	0.5%	0.6%	0.6%

Licensee Comments: none

Safety System Functional Failures (PWR)



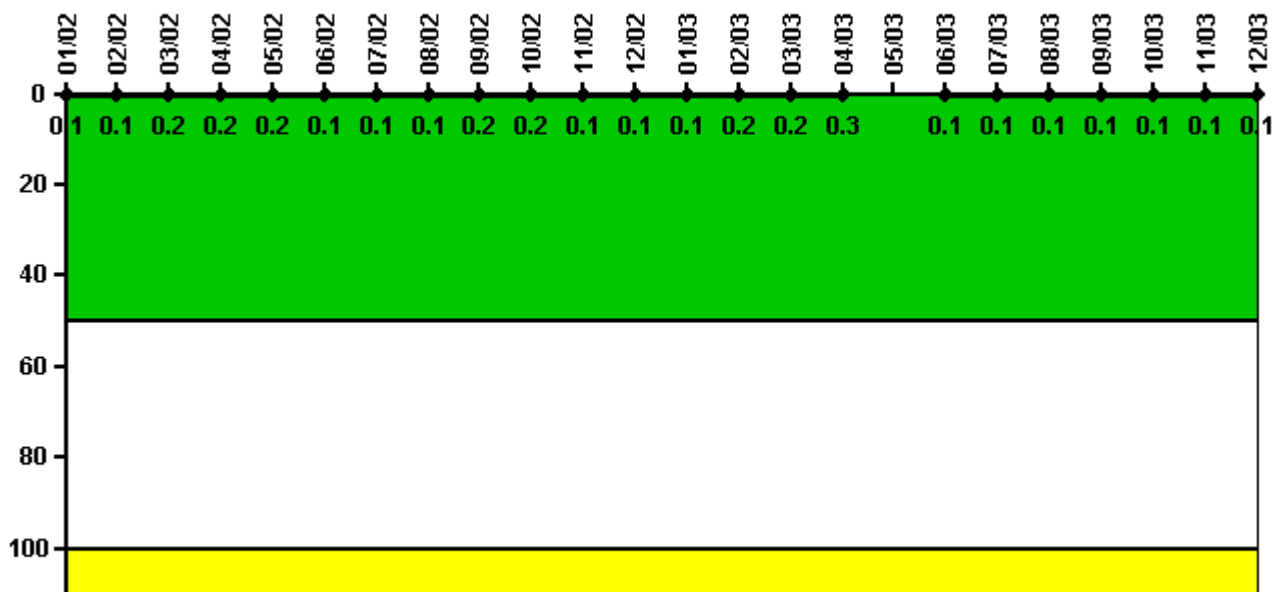
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Safety System Functional Failures	0	0	1	0	0	0	0	0
Indicator value	0	0	1	1	1	1	0	0

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

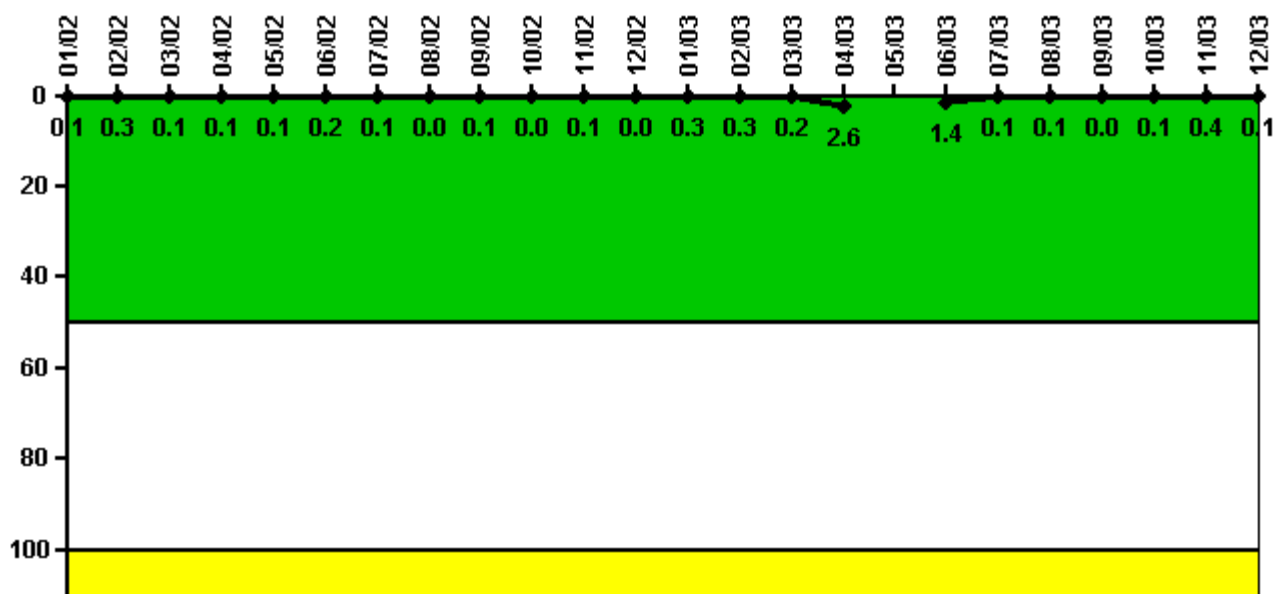
Notes

Reactor Coolant System Activity	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02
Maximum activity	0.000991	0.001320	0.001890	0.001580	0.001610	0.001460	0.001490	0.001470	0.001730	0.001680	0.001380	0.001330
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.1	0.1

Reactor Coolant System Activity	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03
Maximum activity	0.001400	0.001660	0.001590	0.003190	N/A	0.000944	0.001140	0.001040	0.001170	0.001200	0.001100	0.001260
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.2	0.2	0.3	N/A	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

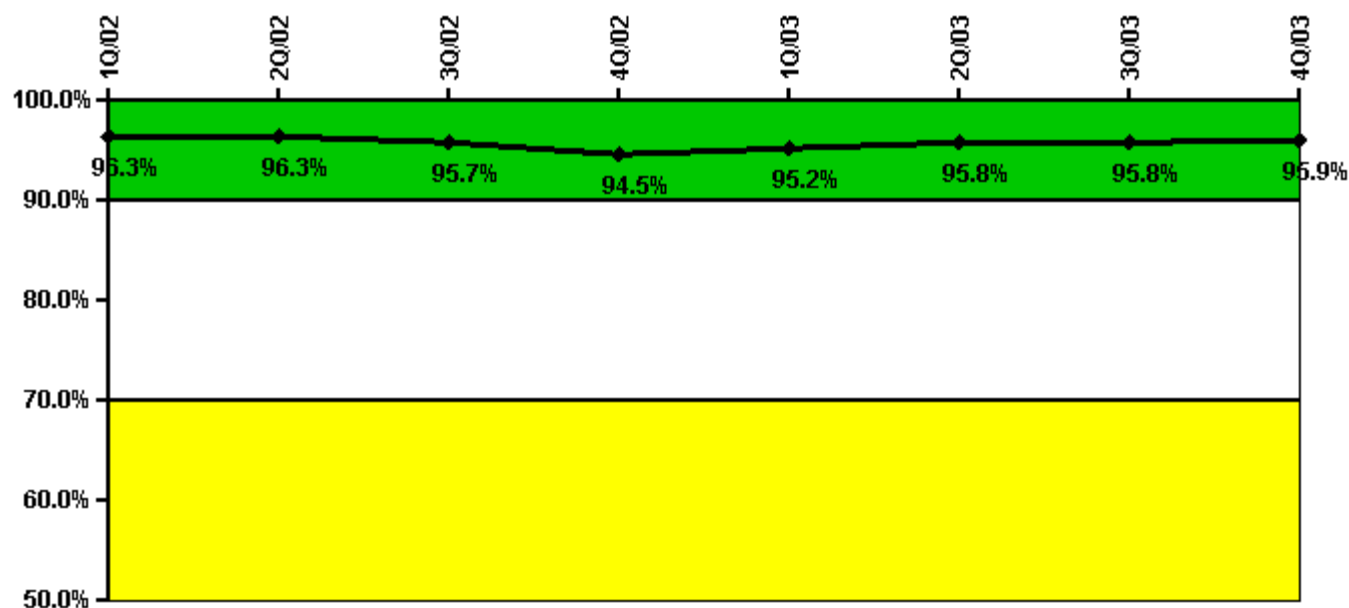
Notes

Reactor Coolant System Leakage	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02
Maximum leakage	0.010	0.030	0.010	0.010	0.010	0.020	0.005	0	0.007	0.002	0.005	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.3	0.1	0.1	0.1	0.2	0.1	0	0.1	0	0.1	0

Reactor Coolant System Leakage	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03
Maximum leakage	0.030	0.030	0.015	0.260	N/A	0.135	0.007	0.010	0.004	0.005	0.039	0.010
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.3	0.2	2.6	N/A	1.4	0.1	0.1	0	0.1	0.4	0.1

Licensee Comments: none

Drill/Exercise Performance



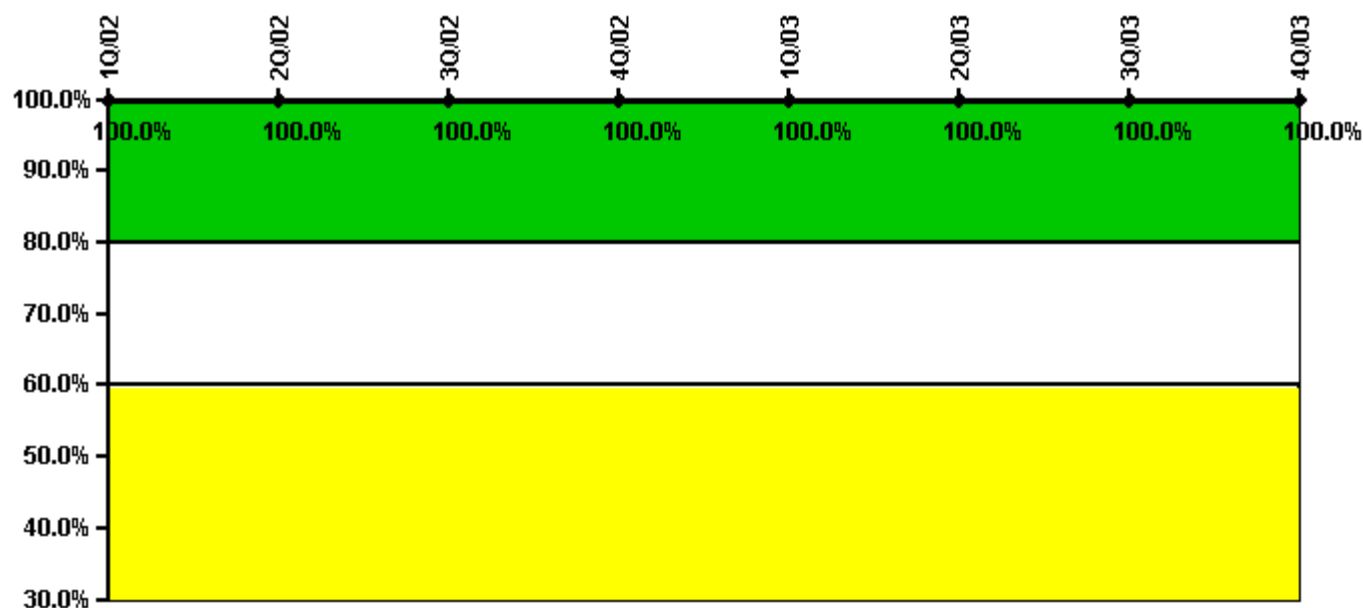
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Successful opportunities	47.0	13.0	70.0	5.0	87.0	48.0	80.0	67.0
Total opportunities	50.0	14.0	73.0	6.0	89.0	50.0	83.0	70.0
Indicator value	96.3%	96.3%	95.7%	94.5%	95.2%	95.8%	95.8%	95.9%

Licensee Comments: none

ERO Drill Participation



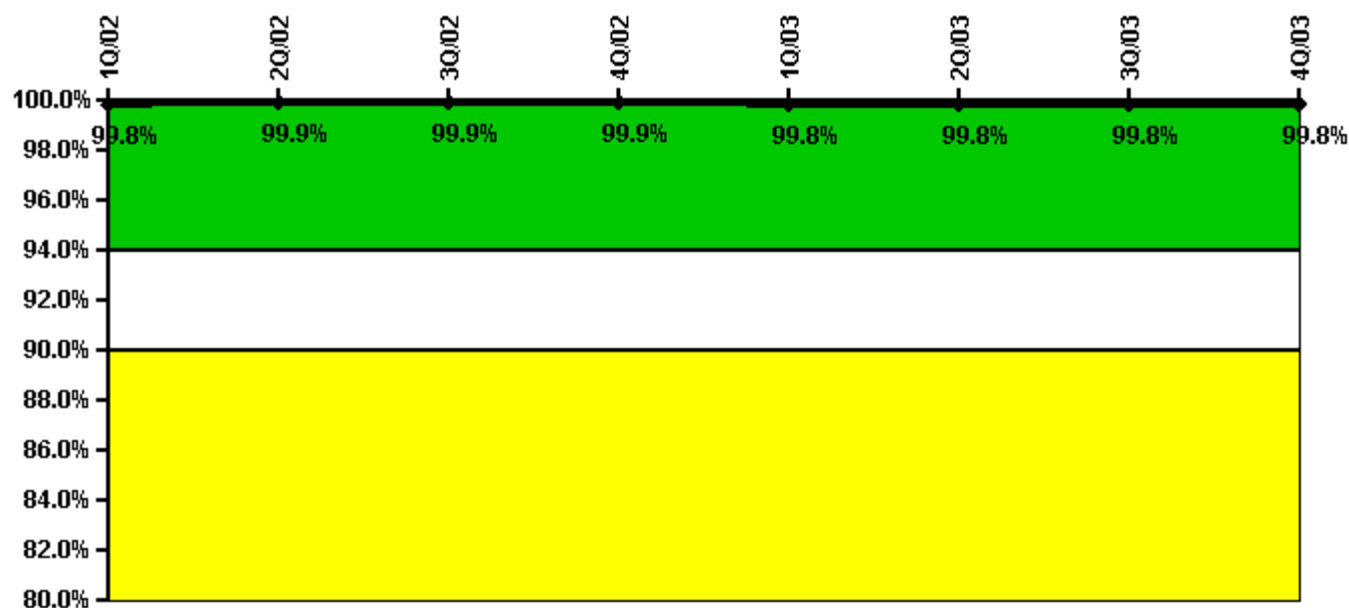
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Participating Key personnel	72.0	75.0	79.0	75.0	82.0	84.0	81.0	74.0
Total Key personnel	72.0	75.0	79.0	75.0	82.0	84.0	81.0	74.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



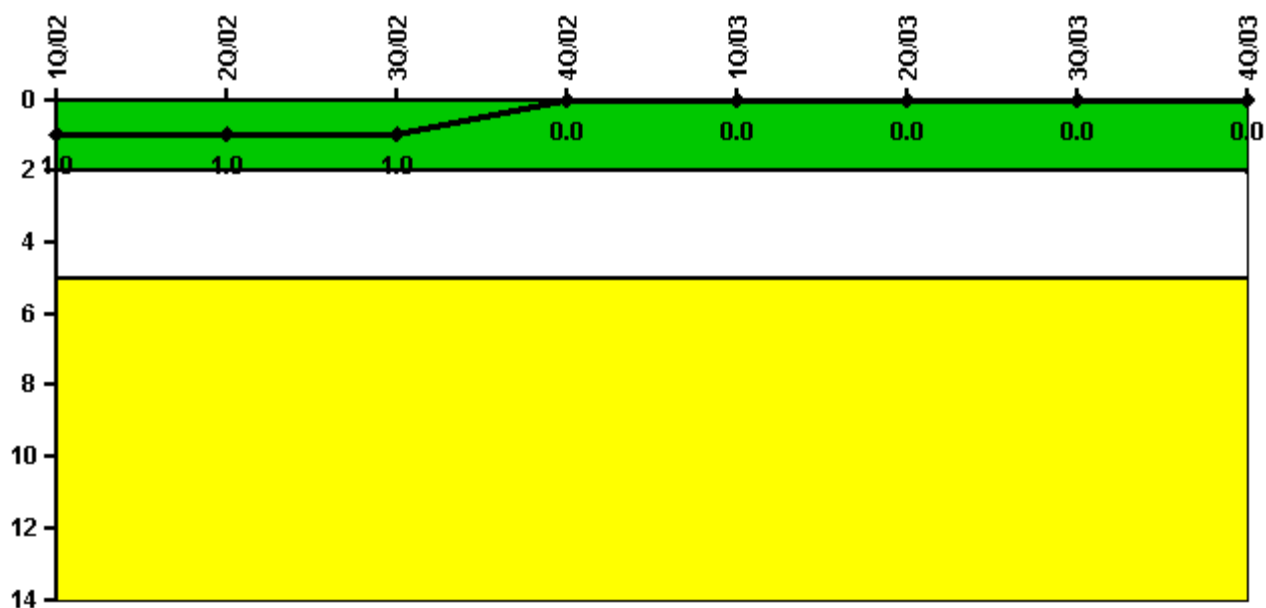
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Successful siren-tests	704	527	704	527	709	533	710	533
Total sirens-tests	704	528	704	528	711	534	712	534
Indicator value	99.8%	99.9%	99.9%	99.9%	99.8%	99.8%	99.8%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness

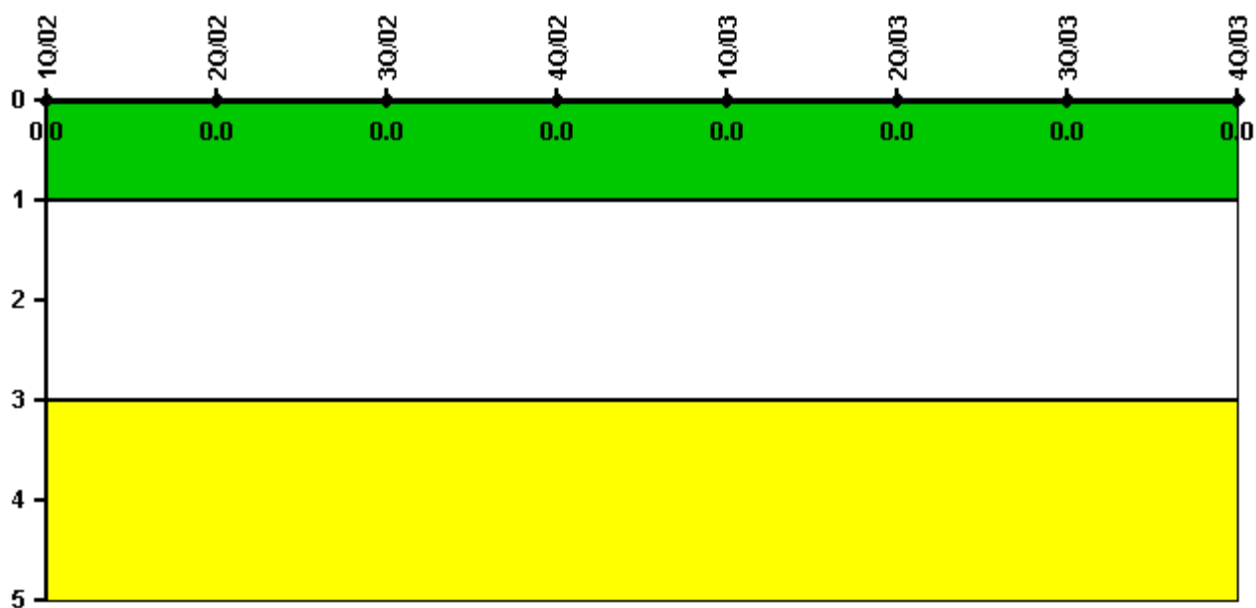


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
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	1	1	1	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent

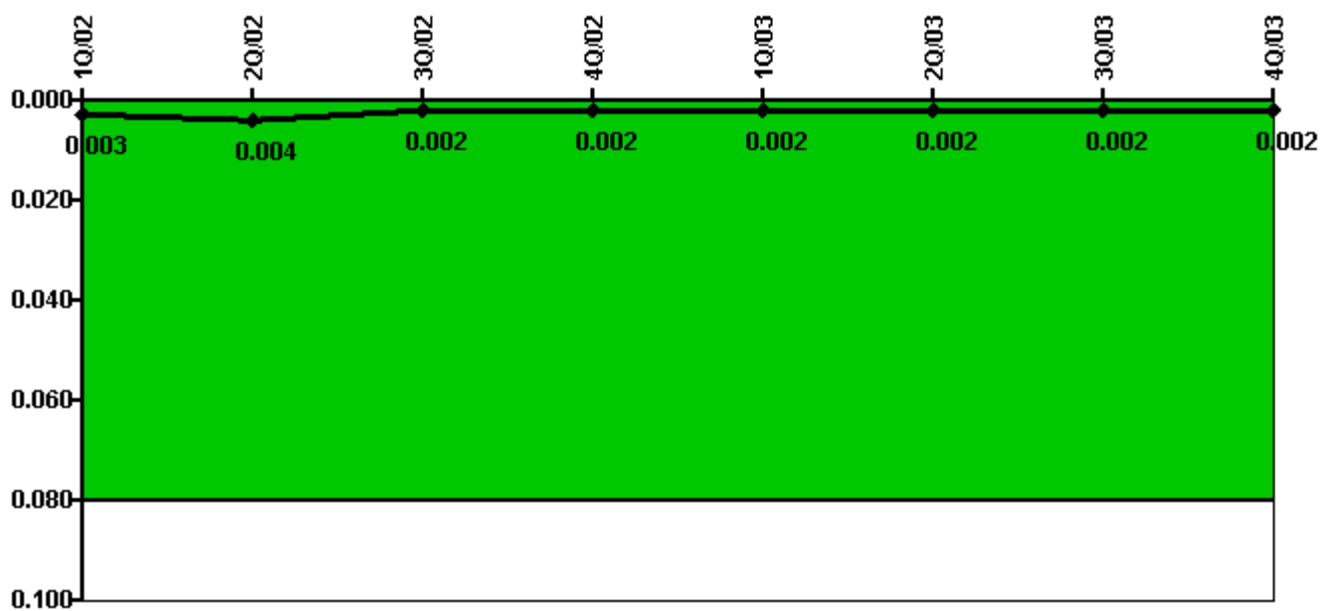
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index



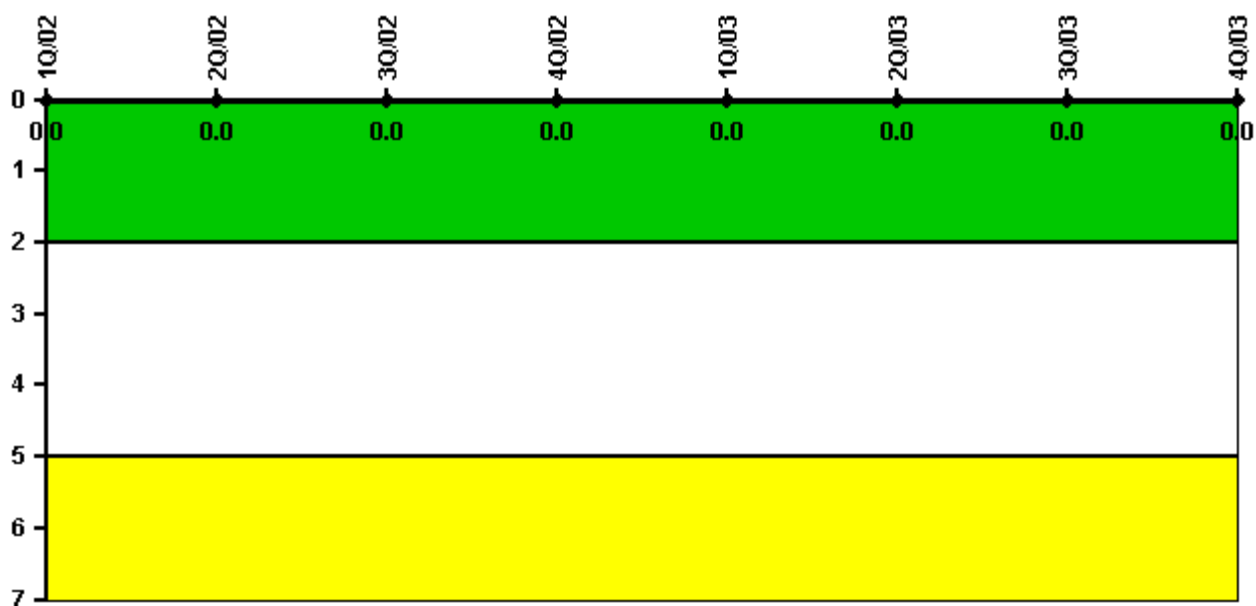
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
IDS compensatory hours	15.60	39.30	6.80	0	4.40	28.80	10.00	0
CCTV compensatory hours	0	0	0	0	0	9.5	0	0
IDS normalization factor	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80
CCTV normalization factor	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Index Value	0.003	0.004	0.002	0.002	0.002	0.002	0.002	0.002

Licensee Comments: none

Personnel Screening Program



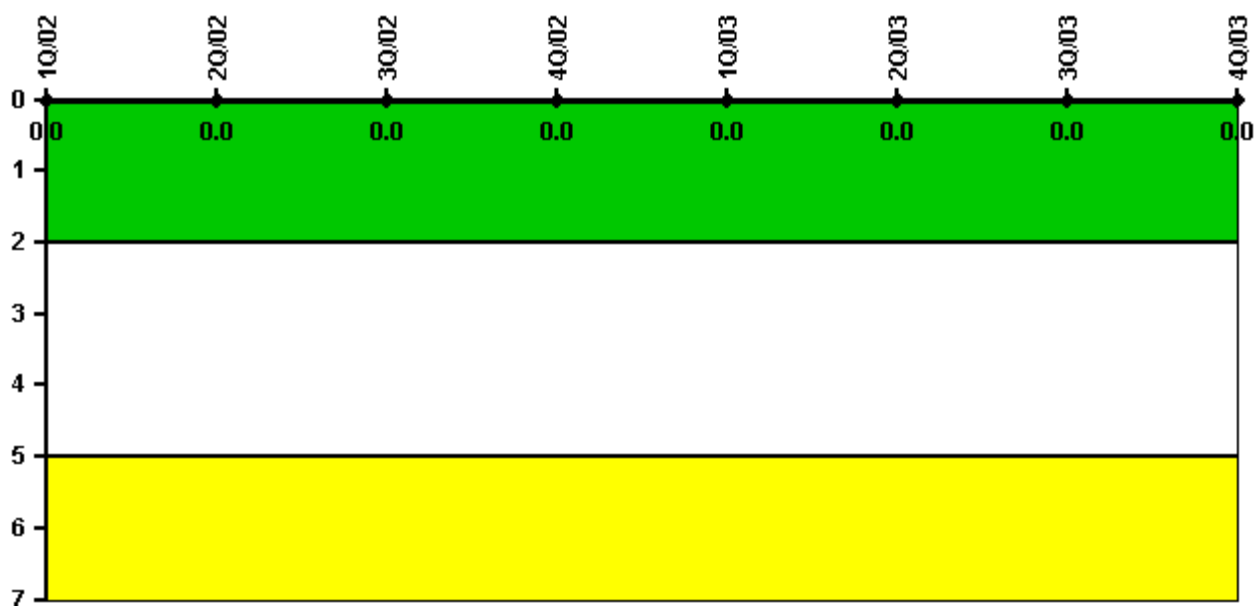
Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Program failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Program Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

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

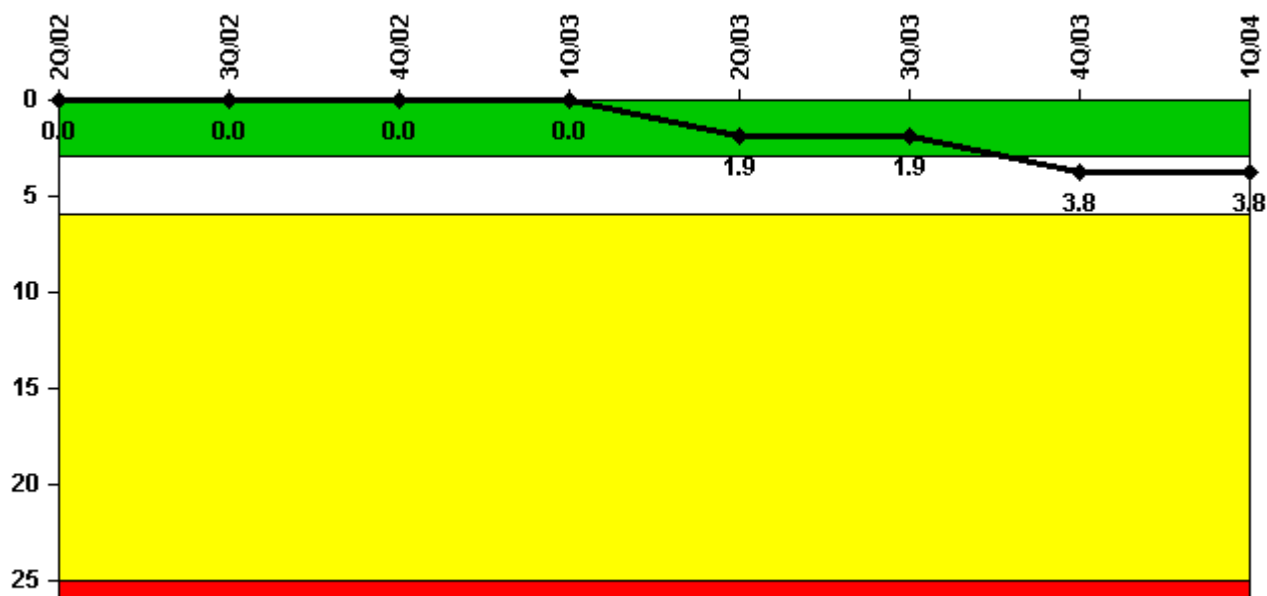
Last Modified: January 23, 2004

Saint Lucie 2

1Q/2004 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



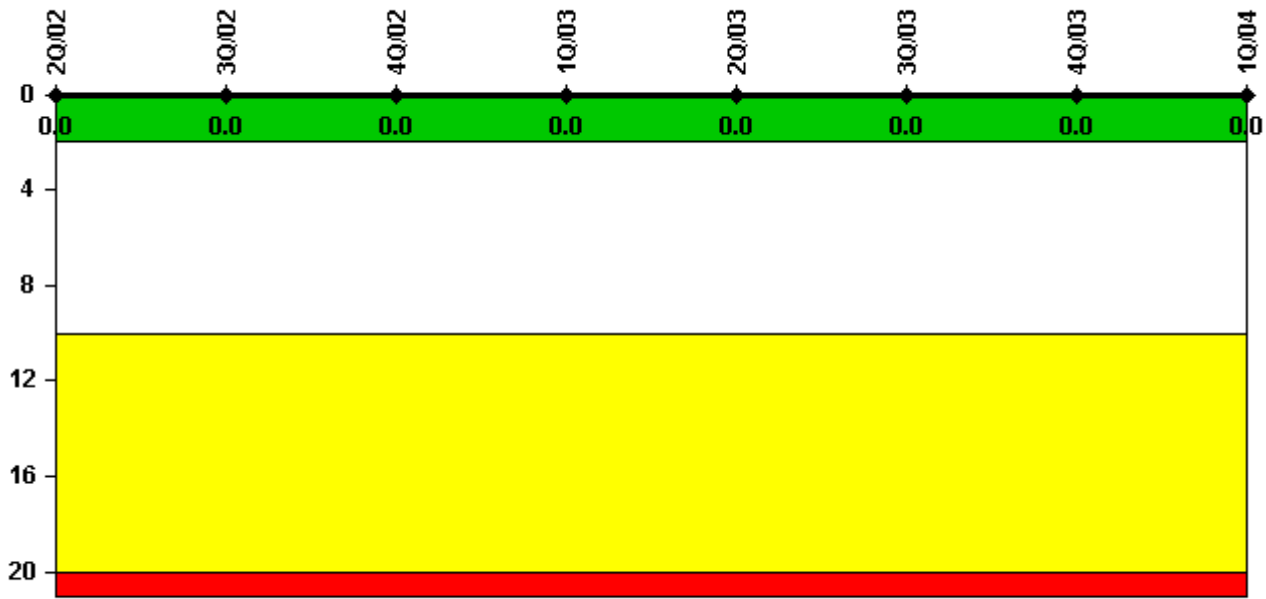
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Unplanned scrams	0	0	0	0	2.0	0	2.0	0
Critical hours	2183.0	2208.0	2209.0	2160.0	841.2	2208.0	2068.8	2184.0
Indicator value	0	0	0	0	1.9	1.9	3.8	3.8

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



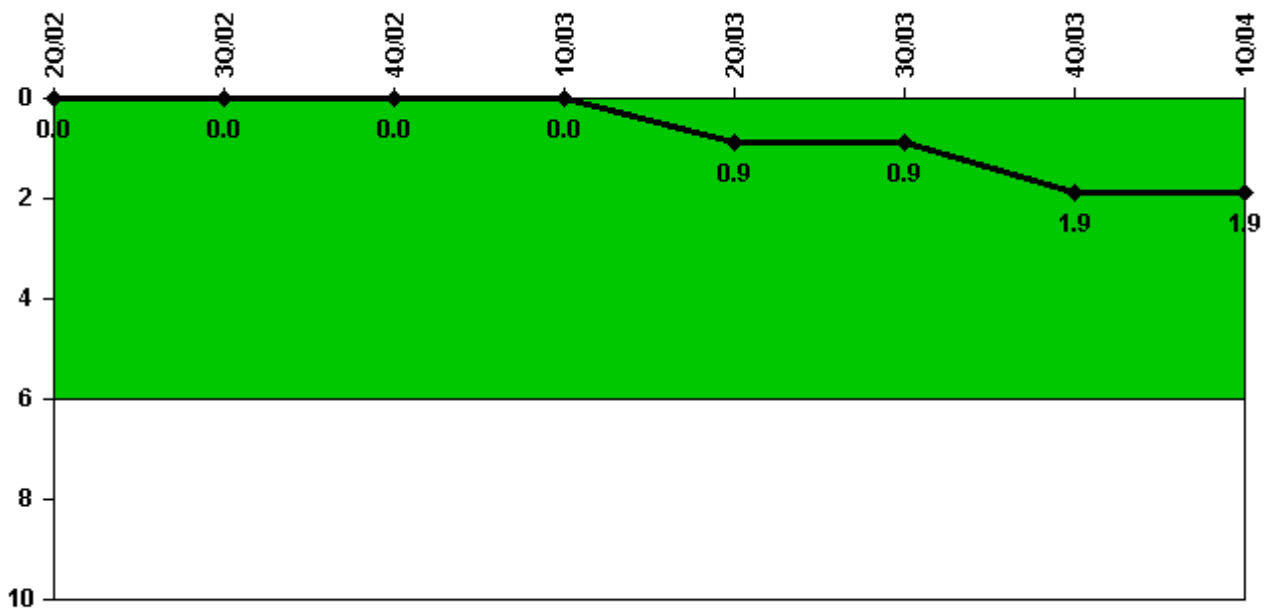
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
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



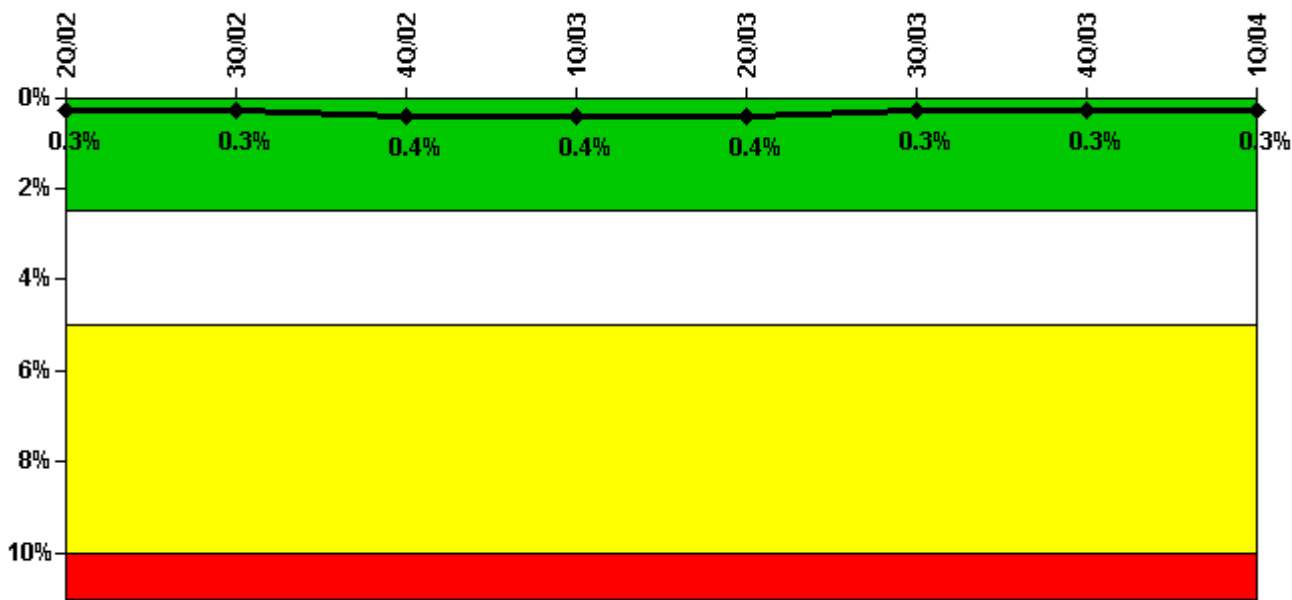
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Unplanned power changes	0	0	0	0	1.0	0	1.0	0
Critical hours	2183.0	2208.0	2209.0	2160.0	841.2	2208.0	2068.8	2184.0
Indicator value	0	0	0	0	0.9	0.9	1.9	1.9

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



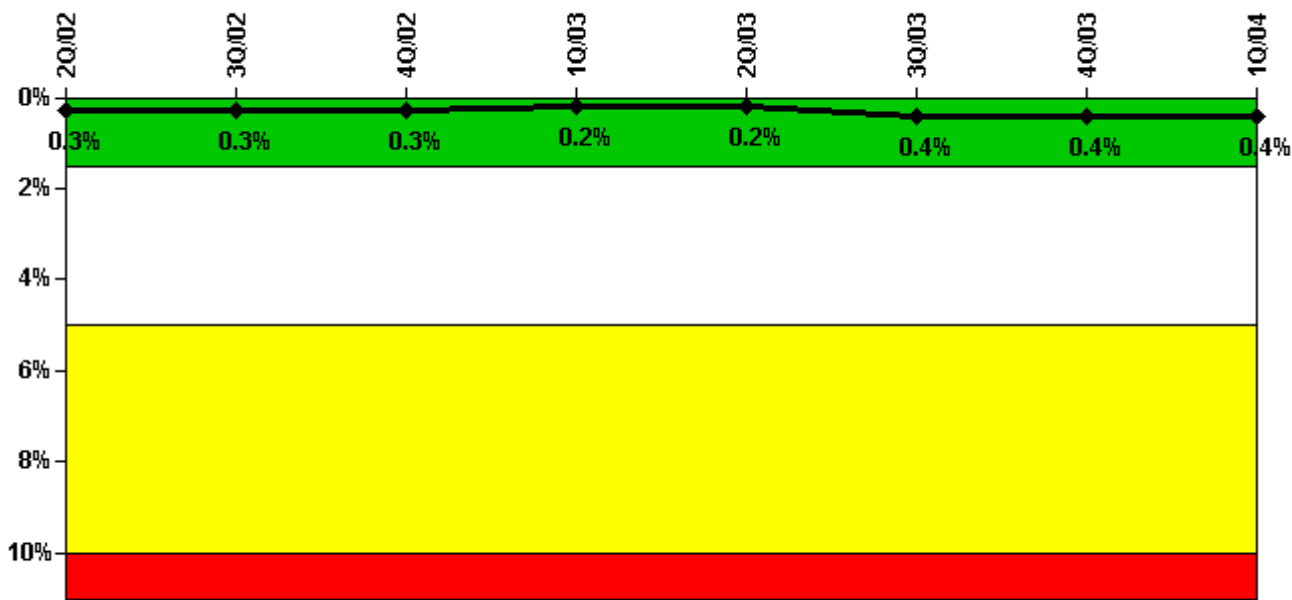
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	5.90	6.40	7.00	9.00	3.90	6.50	6.01	6.80
Unplanned unavailable hours	1.90	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	1697.20	2208.00	2209.00	2184.00
Train 2								
Planned unavailable hours	5.90	6.50	7.60	5.60	4.30	7.20	7.27	7.50
Unplanned unavailable hours	0	0	0	0	0	8.20	0	6.20
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	1697.20	2208.00	2209.00	2184.00
Indicator value	0.3%	0.3%	0.4%	0.4%	0.4%	0.3%	0.3%	0.3%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



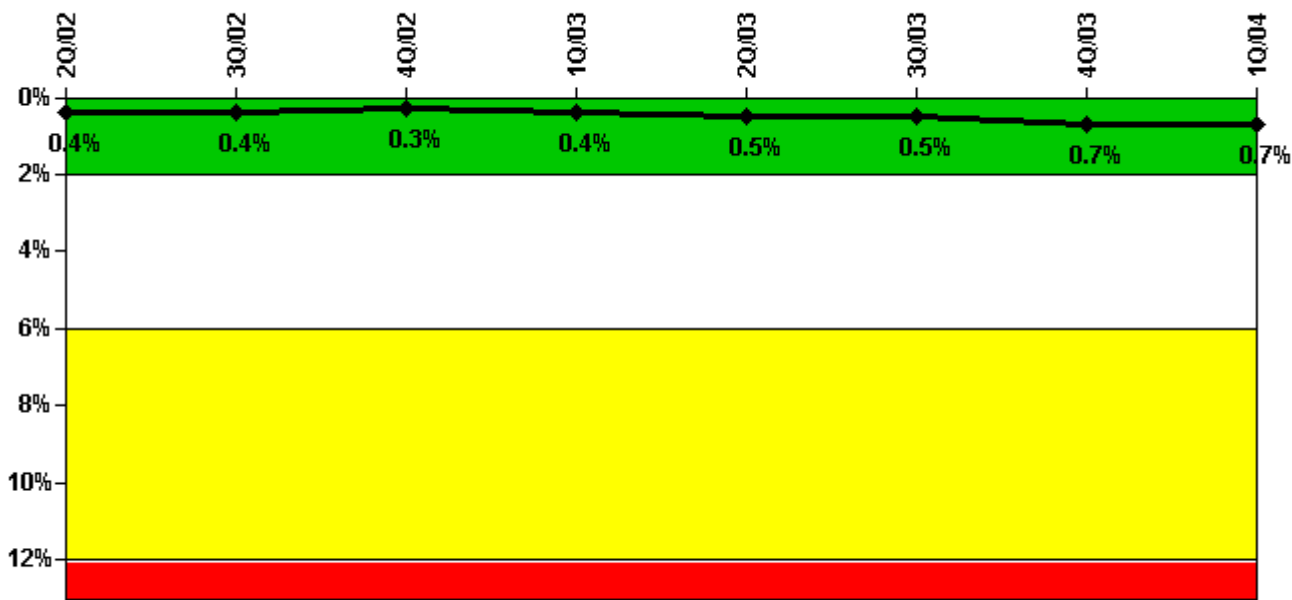
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	6.00	0.90	0.40	3.00	6.10	29.40	0.60	0.40
Unplanned unavailable hours	0	0	0	0	0	23.30	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	1132.00	2208.00	2209.00	2184.00
Train 2								
Planned unavailable hours	7.00	0.60	1.20	2.10	2.40	32.80	0.30	0.40
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	1132.00	2208.00	2209.00	2184.00
Indicator value	0.3%	0.3%	0.3%	0.2%	0.2%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



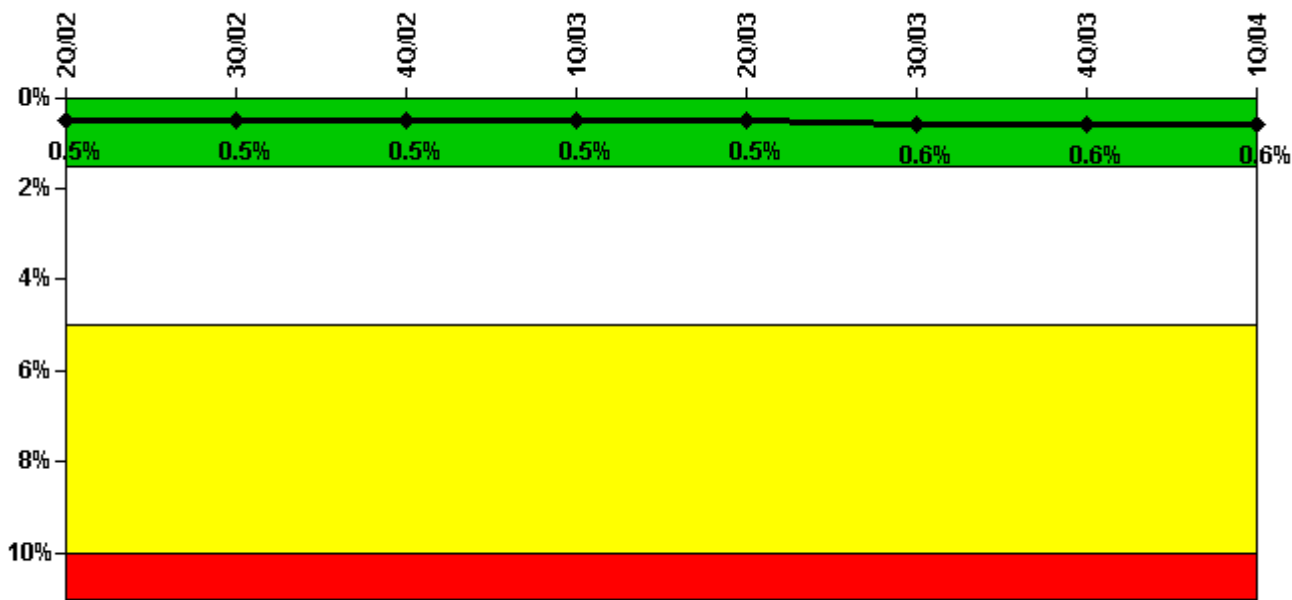
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	10.10	1.30	2.00	13.10	2.40	1.50	12.50	3.20
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	1180.90	2208.00	2209.00	2184.00
Train 2								
Planned unavailable hours	1.90	2.80	2.20	10.30	2.30	10.00	1.40	1.80
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	1180.90	2208.00	2209.00	2184.00
Train 3								
Planned unavailable hours	11.50	7.40	14.20	18.70	2.20	7.70	14.60	12.30
Unplanned unavailable hours	0	0	0	0	62.70	0	125.40	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	1180.90	2208.00	2209.00	2184.00
Indicator value	0.4%	0.4%	0.3%	0.4%	0.5%	0.5%	0.7%	0.7%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



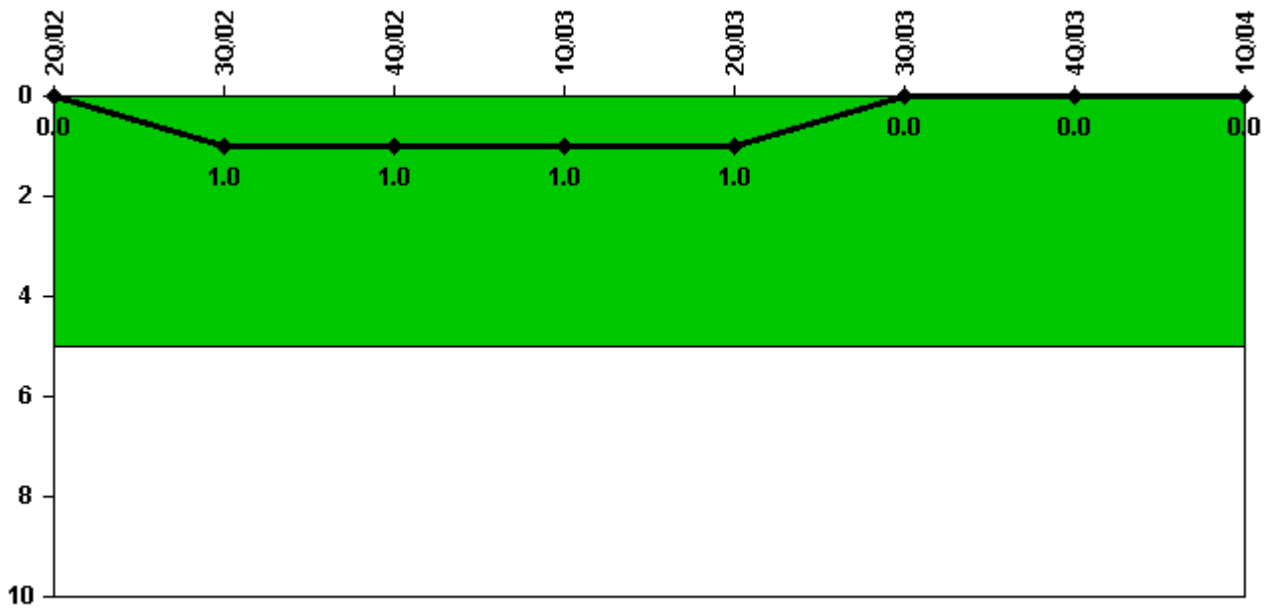
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	9.10	49.00	4.00	5.20	0.50	34.70	12.10	60.50
Unplanned unavailable hours	0	0	0	0	0	23.30	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	1132.00	2208.00	2209.00	2184.00
Train 2								
Planned unavailable hours	49.90	4.10	4.90	38.40	0.40	45.50	6.10	49.40
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	1132.00	2208.00	2209.00	2184.00
Train 3								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	0	0	0	693.90	0	0	0
Train 4								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	0	0	0	693.90	0	0	0
Indicator value	0.5%	0.5%	0.5%	0.5%	0.5%	0.6%	0.6%	0.6%

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Safety System Functional Failures	0	1	0	0	0	0	0	0
Indicator value	0	1	1	1	1	0	0	0

Licensee Comments: none

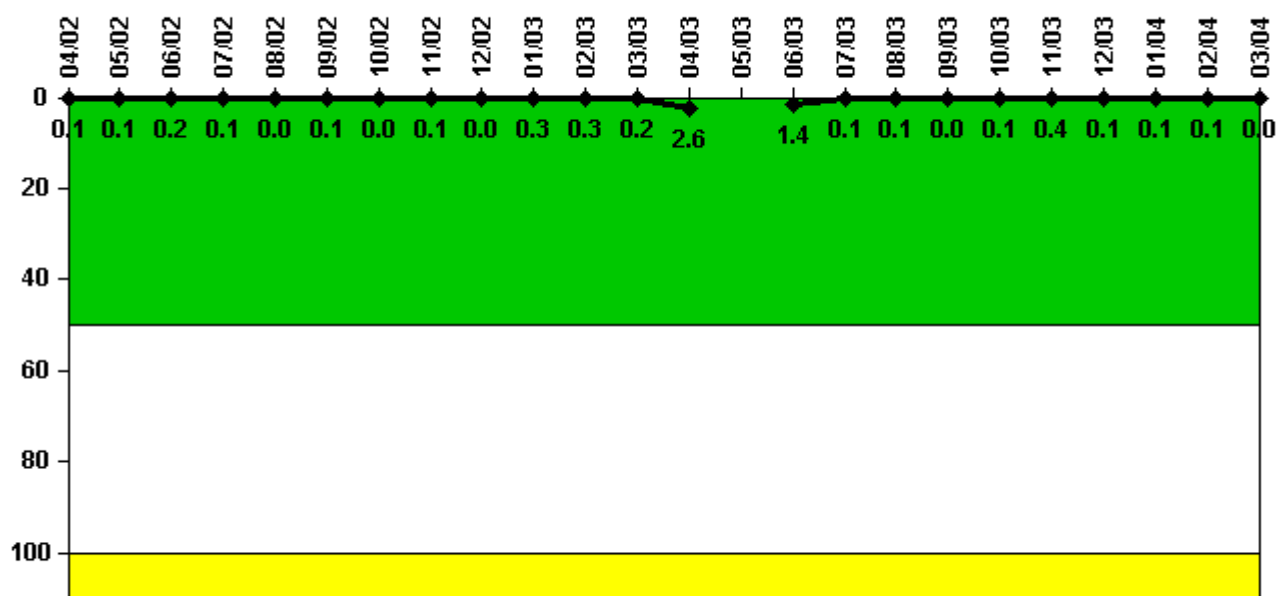
Figure 1 is a chart showing the number of cases and deaths in the United States from April 2020 to April 2021. The chart has two y-axes: the left axis represents the number of cases (0 to 100) and the right axis represents the number of deaths (0 to 100). The x-axis shows dates from 04/02 to 03/04. A green area represents the number of cases, and a yellow area represents the number of deaths. The number of cases starts at 0.2 in April 2020, peaks at 0.3 in April 2020, and then fluctuates between 0.1 and 0.2 until March 2021. The number of deaths starts at 0.1 in April 2020, peaks at 0.2 in April 2020, and then fluctuates between 0.1 and 0.2 until March 2021.

Notes

[illegible]

07/14/2004

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

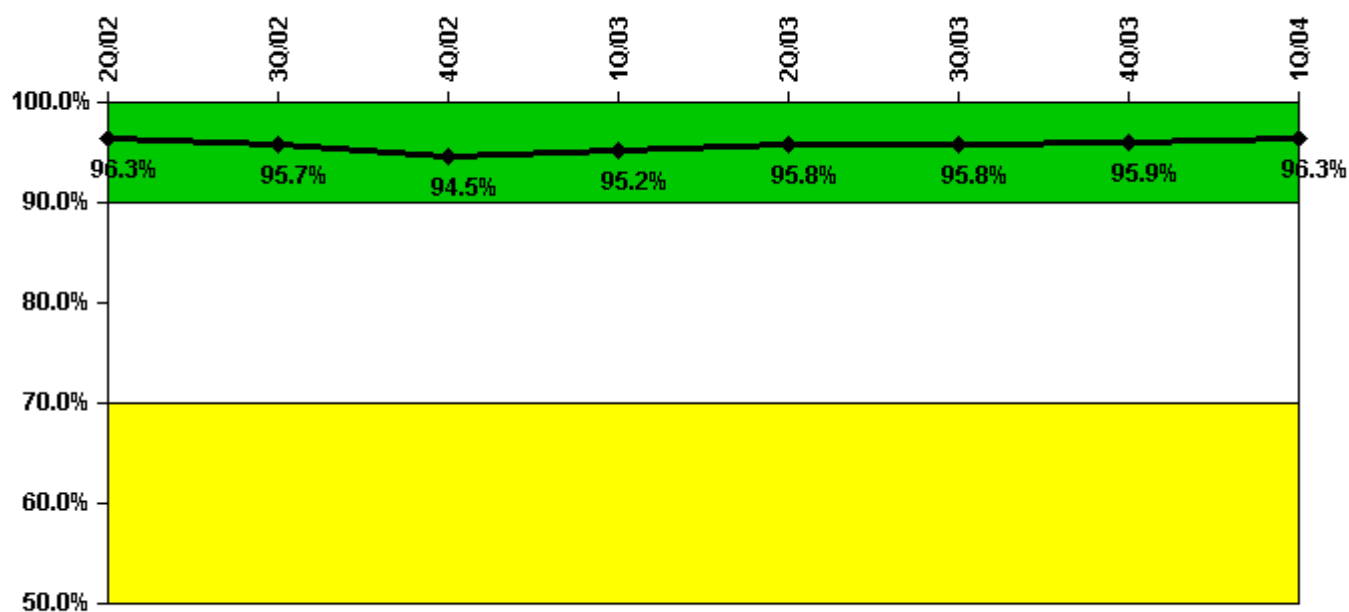
Notes

Reactor Coolant System Leakage	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03
Maximum leakage	0.010	0.010	0.020	0.005	0	0.007	0.002	0.005	0	0.030	0.030	0.015
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.1	0.2	0.1	0	0.1	0	0.1	0	0.3	0.3	0.2

Reactor Coolant System Leakage	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04
Maximum leakage	0.260	N/A	0.135	0.007	0.010	0.004	0.005	0.039	0.010	0.010	0.010	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.6	N/A	1.4	0.1	0.1	0	0.1	0.4	0.1	0.1	0.1	0

Licensee Comments: none

Drill/Exercise Performance



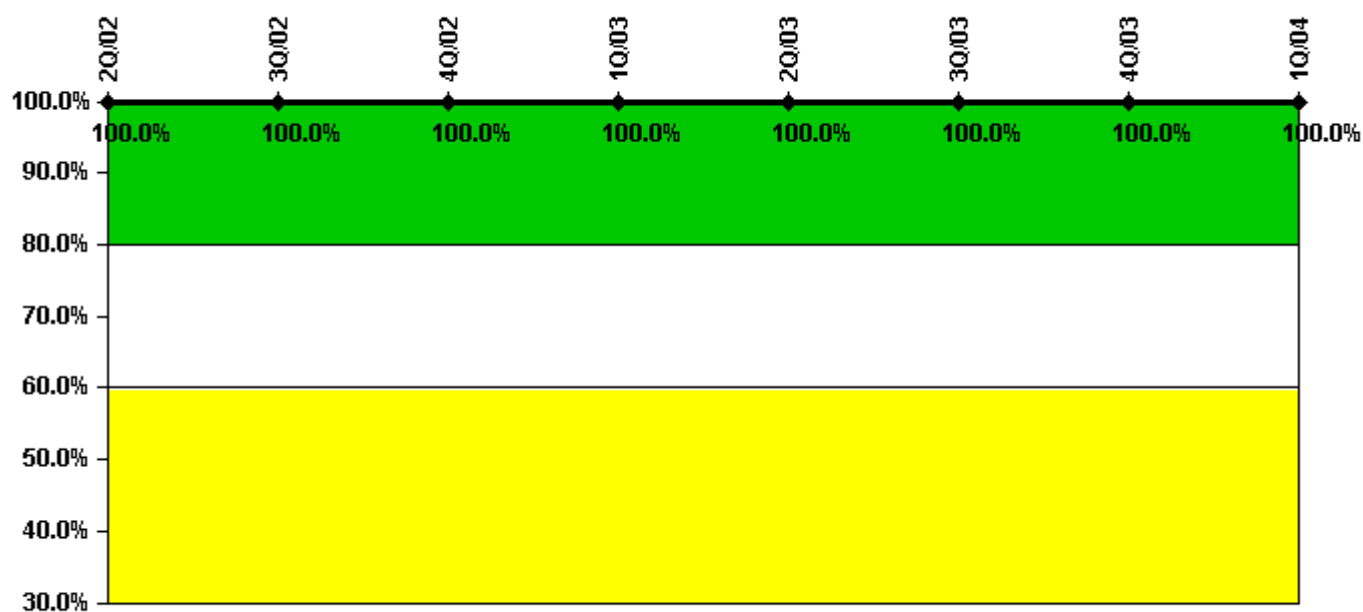
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Successful opportunities	13.0	70.0	5.0	87.0	48.0	80.0	67.0	50.0
Total opportunities	14.0	73.0	6.0	89.0	50.0	83.0	70.0	51.0
Indicator value	96.3%	95.7%	94.5%	95.2%	95.8%	95.8%	95.9%	96.3%

Licensee Comments: none

ERO Drill Participation



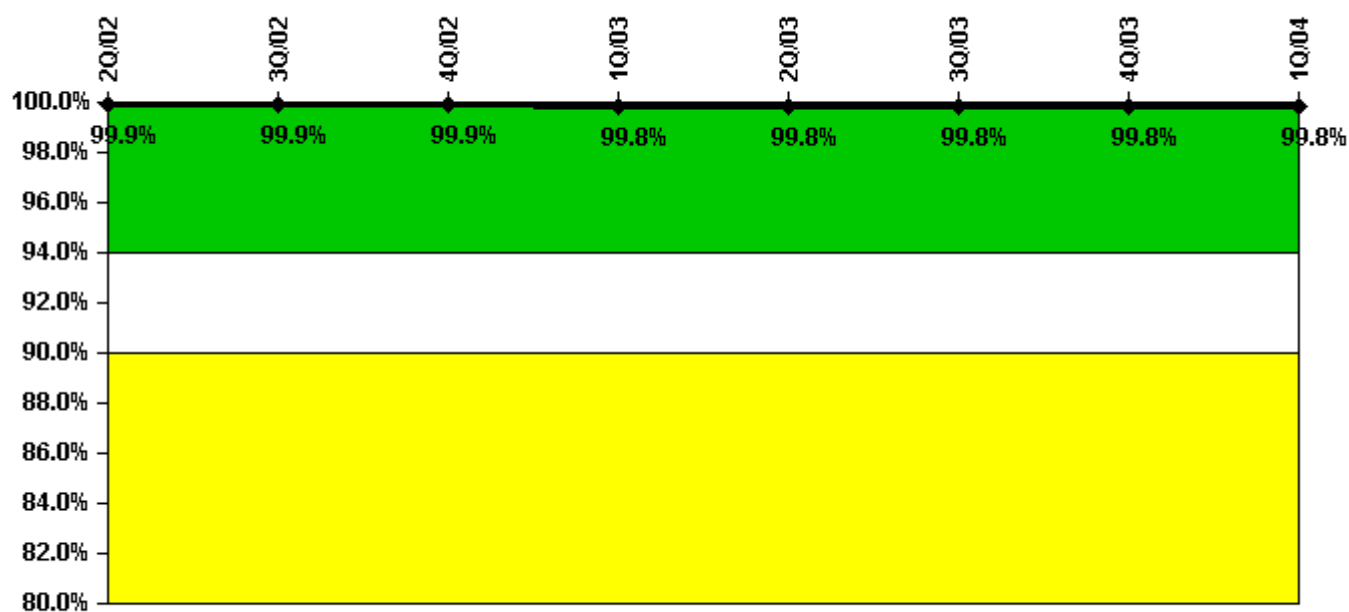
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Participating Key personnel	75.0	79.0	75.0	82.0	84.0	81.0	74.0	77.0
Total Key personnel	75.0	79.0	75.0	82.0	84.0	81.0	74.0	77.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



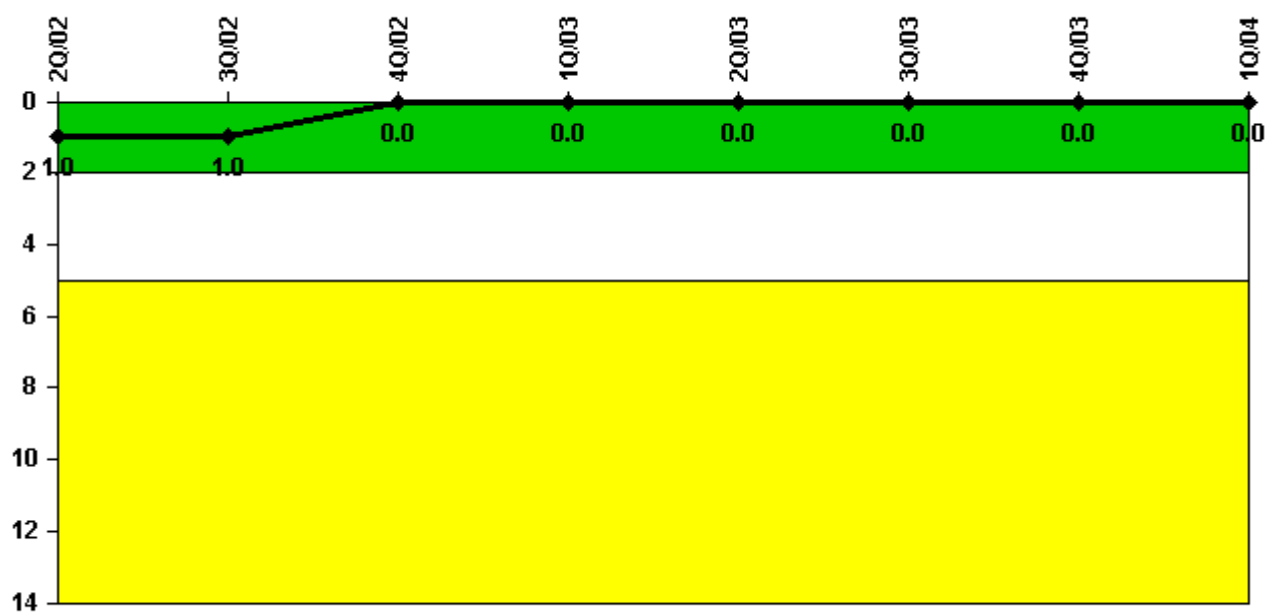
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Successful siren-tests	527	704	527	709	533	710	533	712
Total sirens-tests	528	704	528	711	534	712	534	712
Indicator value	99.9%	99.9%	99.9%	99.8%	99.8%	99.8%	99.8%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness

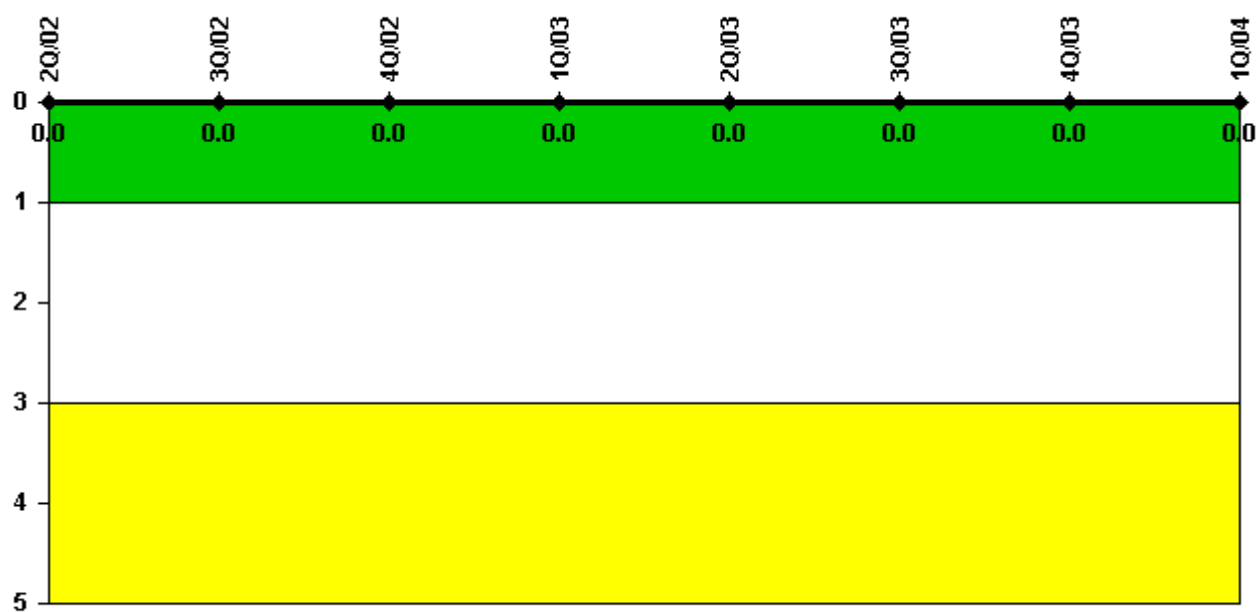


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
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	1	1	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent

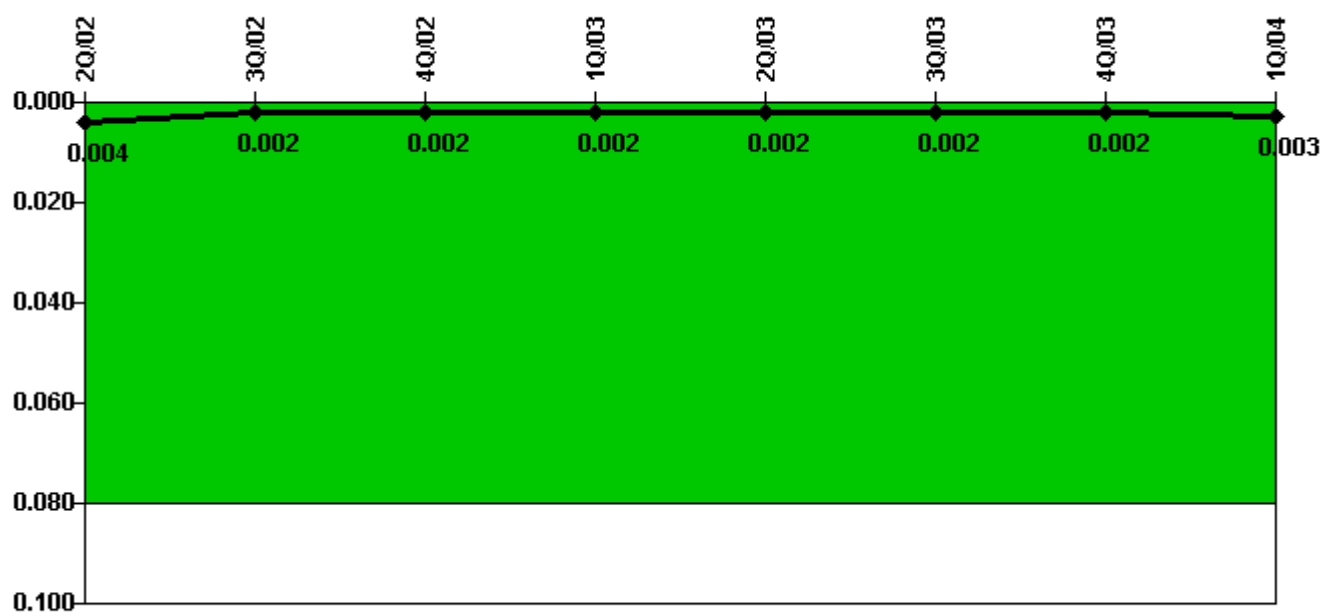
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index



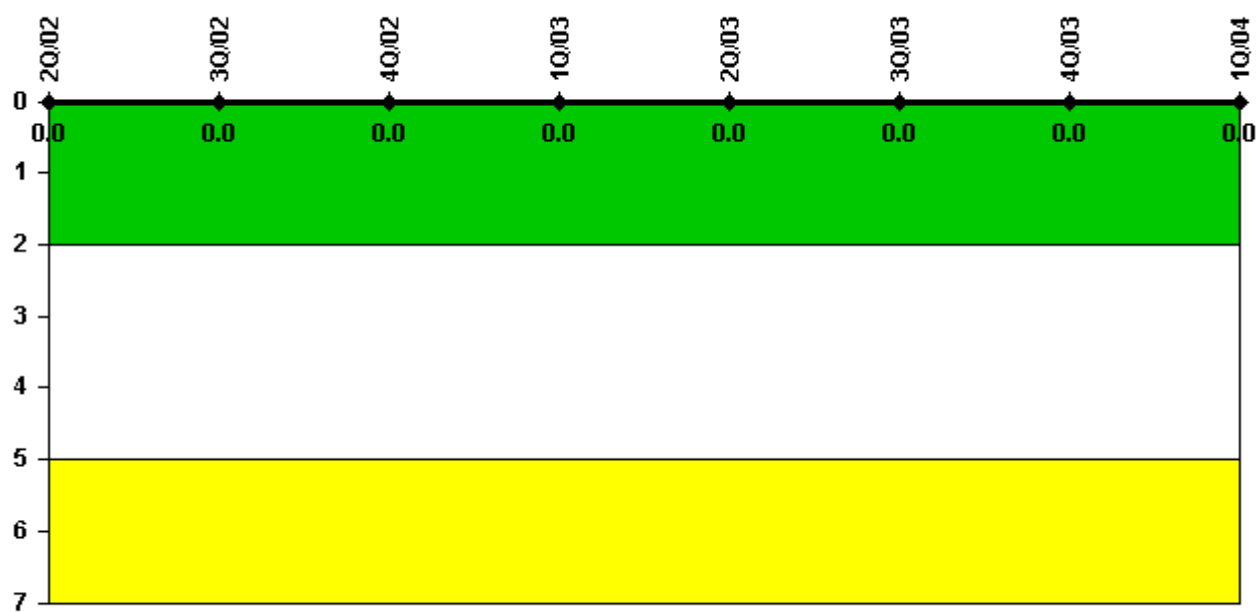
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
IDS compensatory hours	39.30	6.80	0	4.40	28.80	10.00	0	30.00
CCTV compensatory hours	0	0	0	0	9.5	0	0	0
IDS normalization factor	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80
CCTV normalization factor	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Index Value	0.004	0.002	0.002	0.002	0.002	0.002	0.002	0.003

Licensee Comments: none

Personnel Screening Program

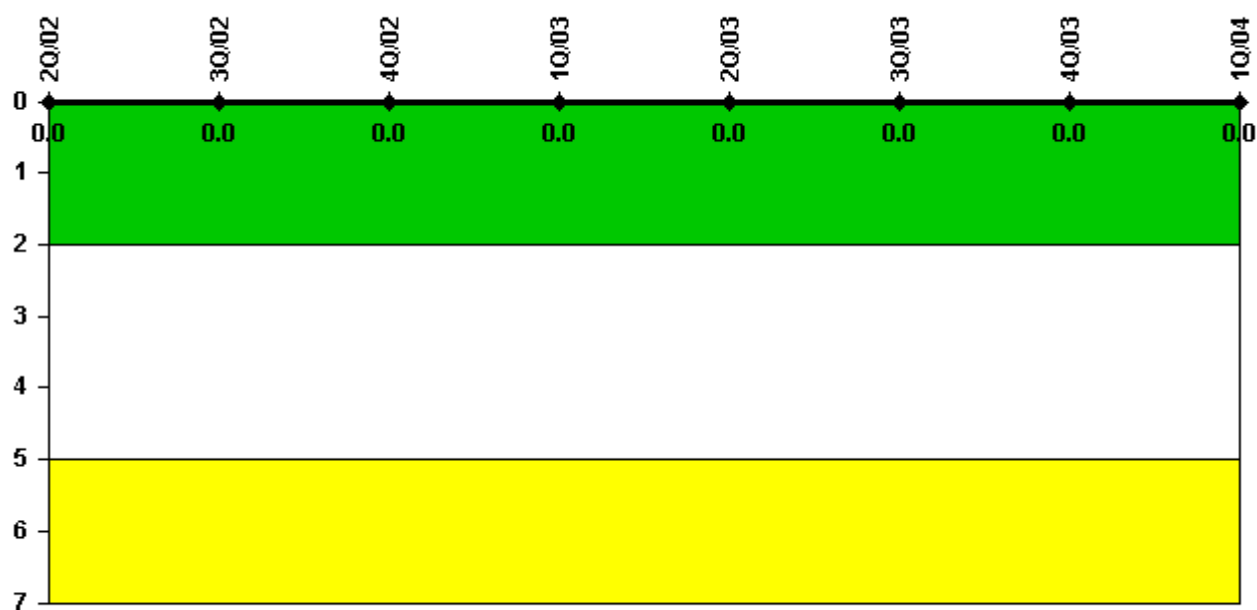


Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Program failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Program Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

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

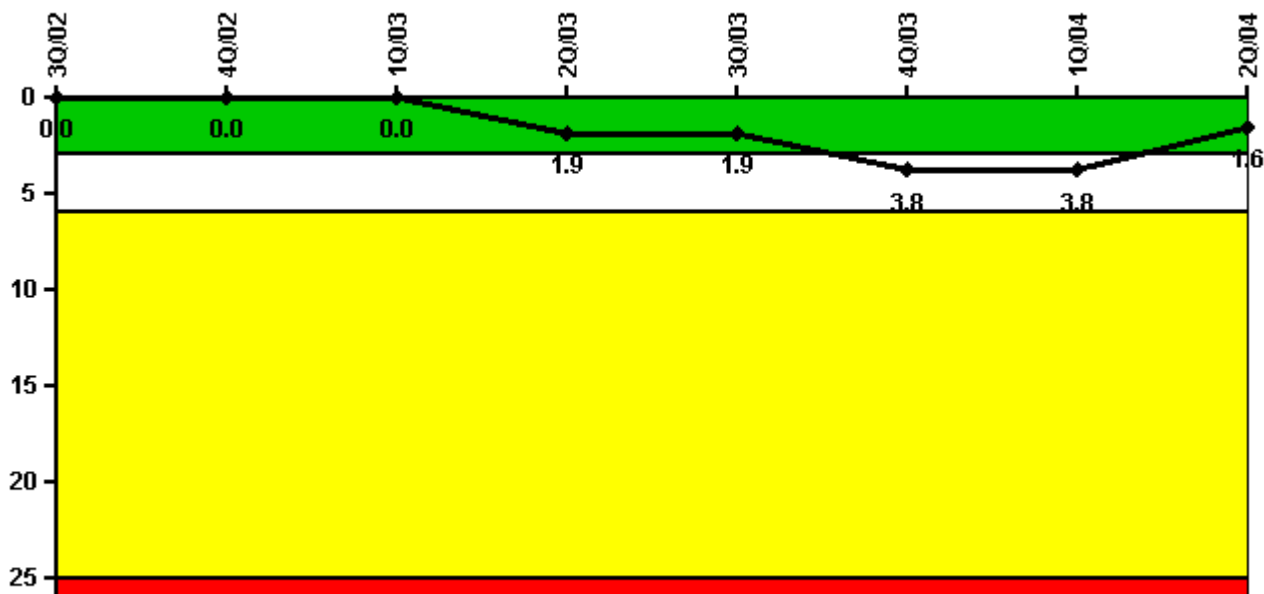
Last Modified: April 22, 2004

Saint Lucie 2

2Q/2004 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



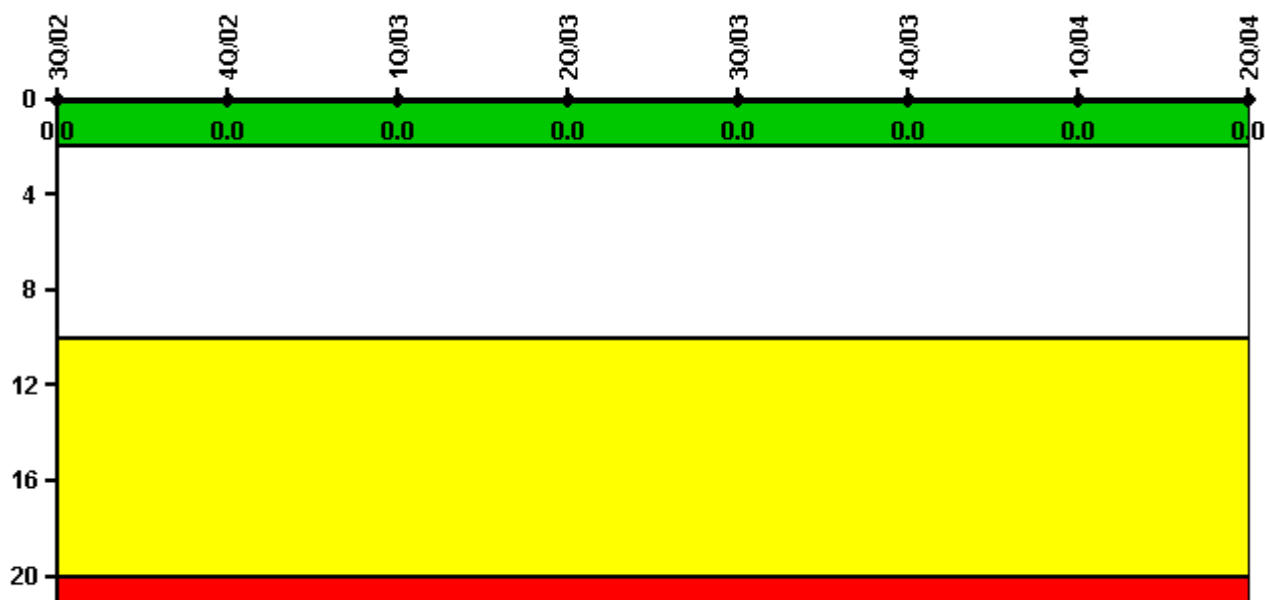
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Unplanned scrams	0	0	0	2.0	0	2.0	0	0
Critical hours	2208.0	2209.0	2160.0	841.2	2208.0	2068.8	2184.0	2183.0
Indicator value	0	0	0	1.9	1.9	3.8	3.8	1.6

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



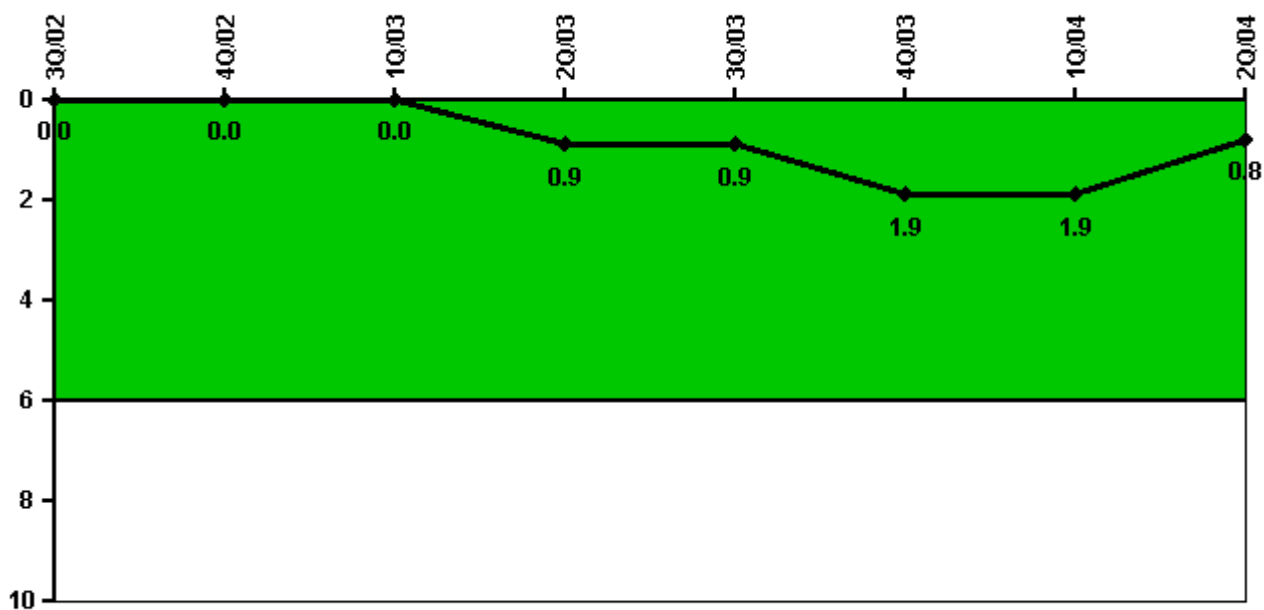
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
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



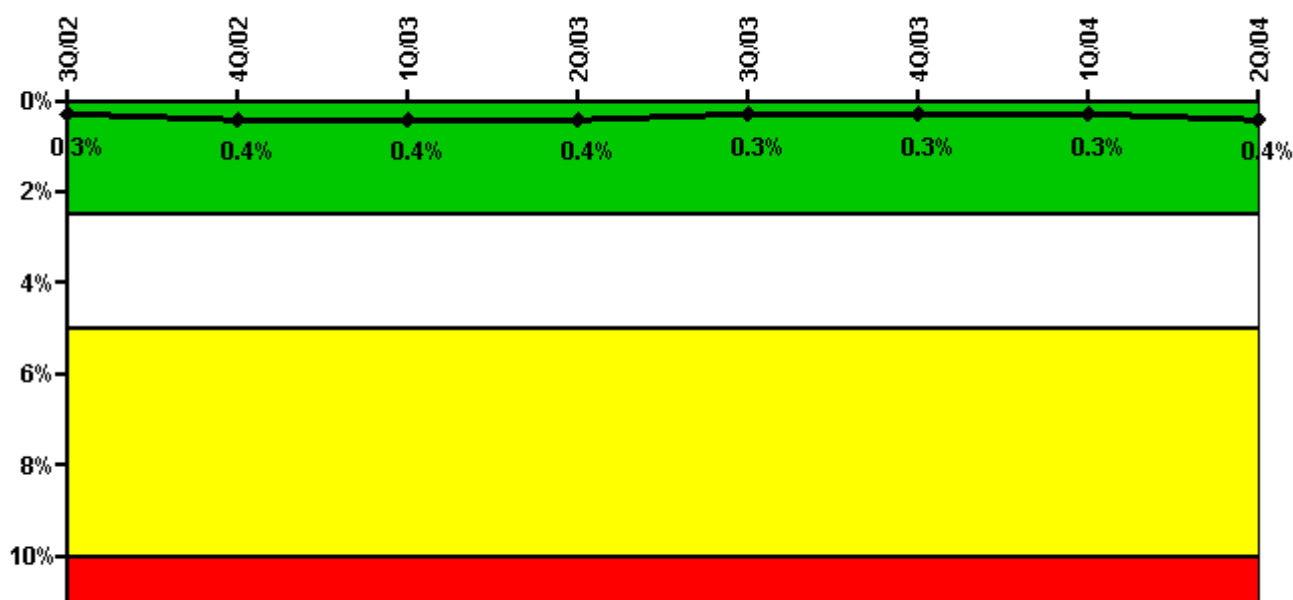
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Unplanned power changes	0	0	0	1.0	0	1.0	0	0
Critical hours	2208.0	2209.0	2160.0	841.2	2208.0	2068.8	2184.0	2183.0
Indicator value	0	0	0	0.9	0.9	1.9	1.9	0.8

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



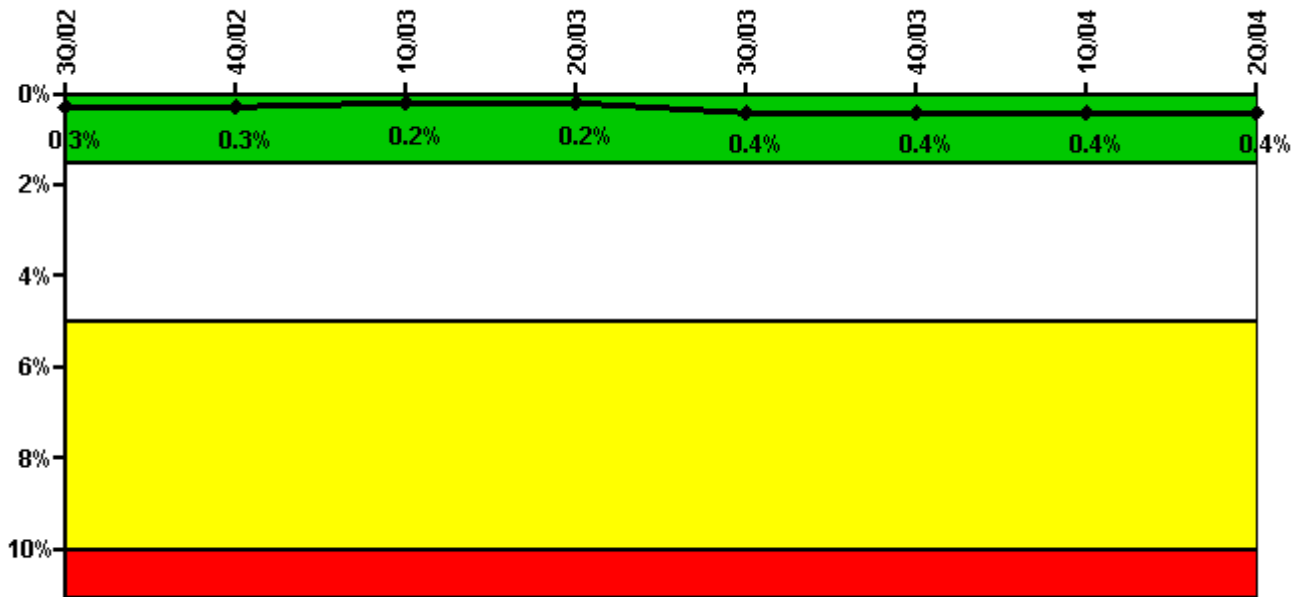
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours	6.40	7.00	9.00	3.90	6.50	6.01	6.80	6.30
Unplanned unavailable hours	0	0	0	0	0	0	0	38.30
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	1697.20	2208.00	2209.00	2184.00	2183.00
Train 2								
Planned unavailable hours	6.50	7.60	5.60	4.30	7.20	7.27	7.50	5.60
Unplanned unavailable hours	0	0	0	0	8.20	0	6.20	8.80
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	1697.20	2208.00	2209.00	2184.00	2183.00
Indicator value	0.3%	0.4%	0.4%	0.4%	0.3%	0.3%	0.3%	0.4%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



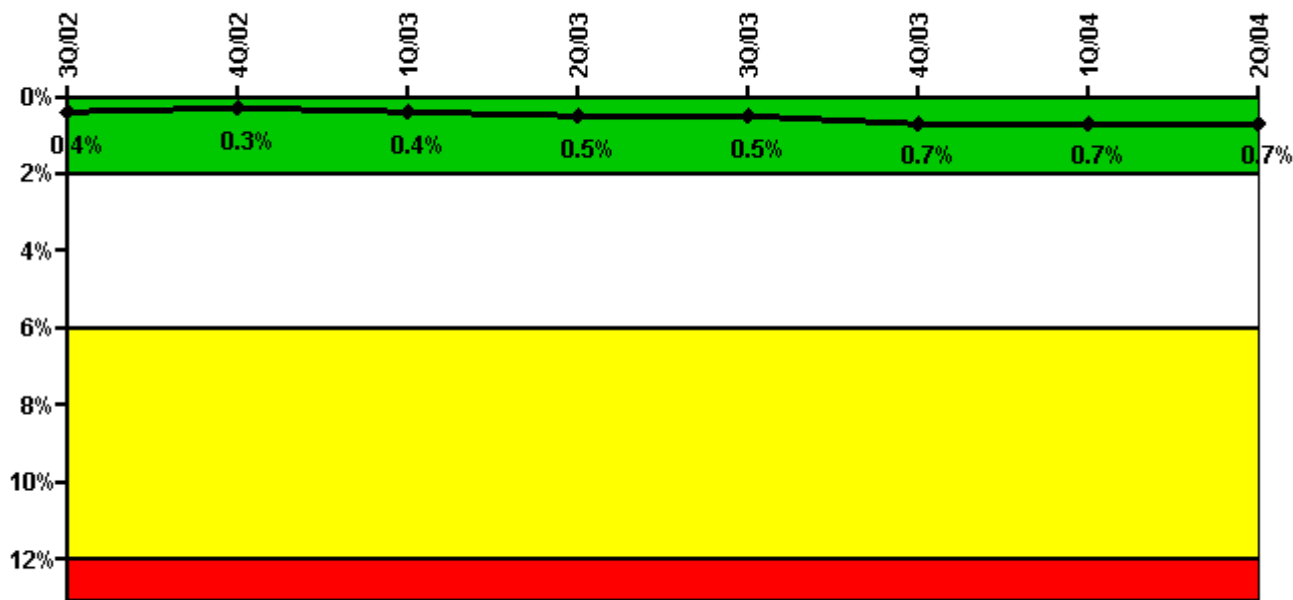
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours	0.90	0.40	3.00	6.10	29.40	0.60	0.40	0.40
Unplanned unavailable hours	0	0	0	0	23.30	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	1132.00	2208.00	2209.00	2184.00	2183.00
Train 2								
Planned unavailable hours	0.60	1.20	2.10	2.40	32.80	0.30	0.40	3.00
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	1132.00	2208.00	2209.00	2184.00	2183.00
Indicator value	0.3%	0.3%	0.2%	0.2%	0.4%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



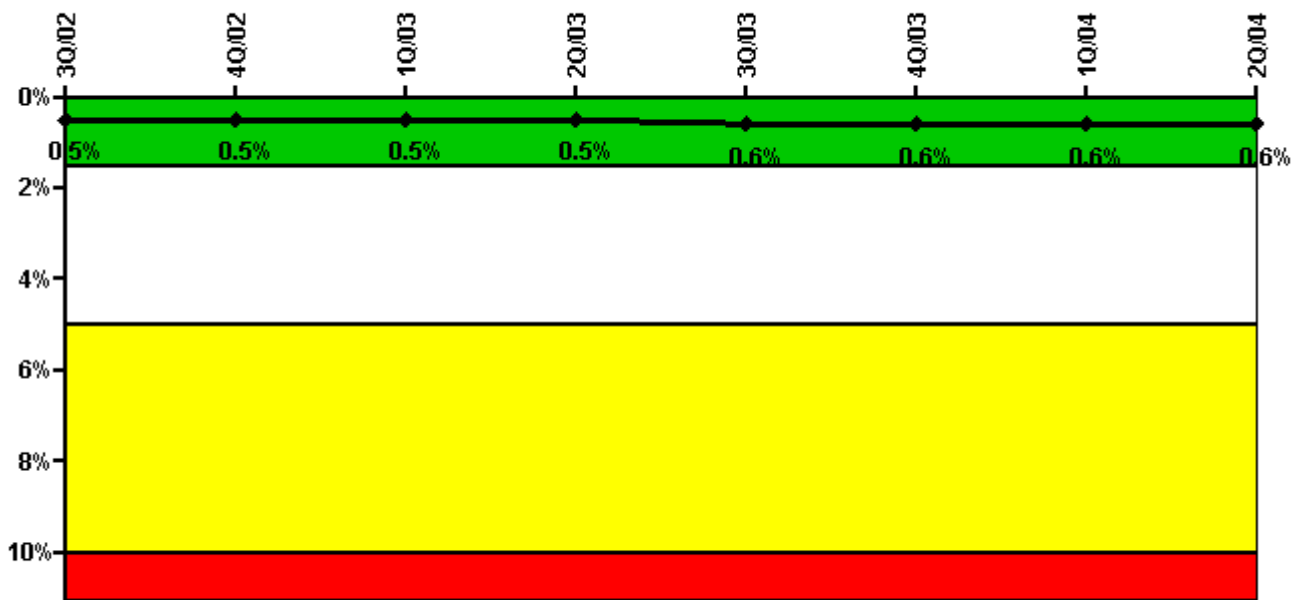
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours	1.30	2.00	13.10	2.40	1.50	12.50	3.20	13.60
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	1180.90	2208.00	2209.00	2184.00	2183.00
Train 2								
Planned unavailable hours	2.80	2.20	10.30	2.30	10.00	1.40	1.80	1.40
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	1180.90	2208.00	2209.00	2184.00	2183.00
Train 3								
Planned unavailable hours	7.40	14.20	18.70	2.20	7.70	14.60	12.30	8.70
Unplanned unavailable hours	0	0	0	62.70	0	125.40	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	1180.90	2208.00	2209.00	2184.00	2183.00
Indicator value	0.4%	0.3%	0.4%	0.5%	0.5%	0.7%	0.7%	0.7%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

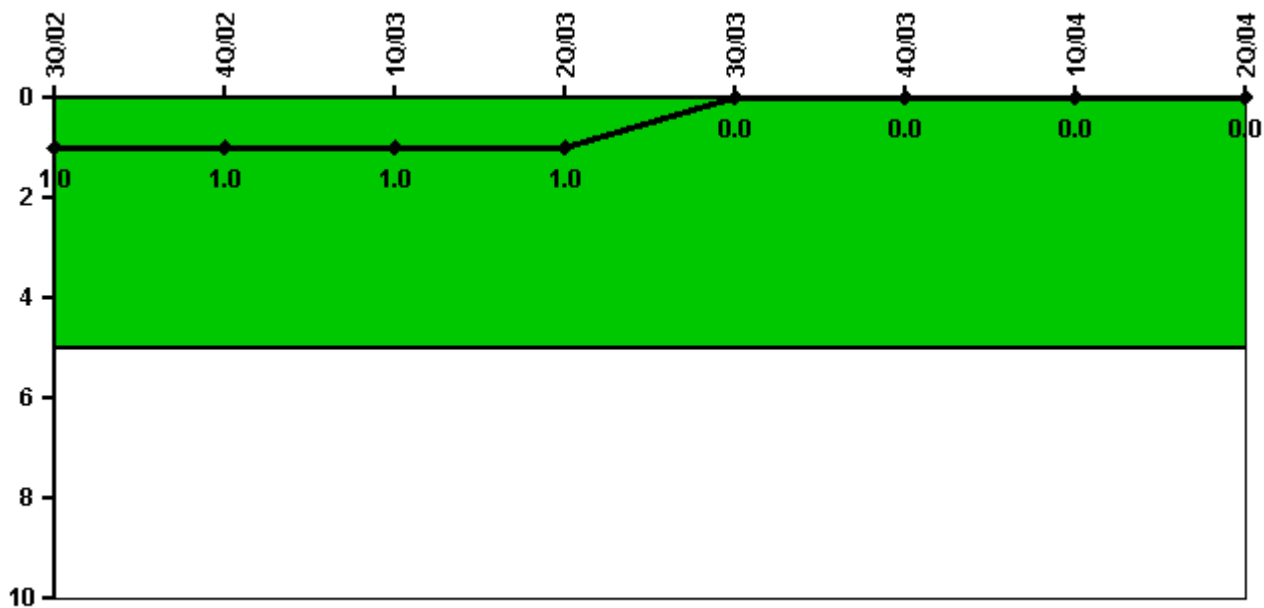


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours	49.00	4.00	5.20	0.50	34.70	12.10	60.50	0.40
Unplanned unavailable hours	0	0	0	0	23.30	0	0	10.50
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	1132.00	2208.00	2209.00	2184.00	2183.00
Train 2								
Planned unavailable hours	4.10	4.90	38.40	0.40	45.50	6.10	49.40	9.40
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	1132.00	2208.00	2209.00	2184.00	2183.00
Train 3								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	0	0	693.90	0	0	0	0
Train 4								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	0	0	693.90	0	0	0	0
Indicator value	0.5%	0.5%	0.5%	0.5%	0.6%	0.6%	0.6%	0.6%

Safety System Functional Failures (PWR)



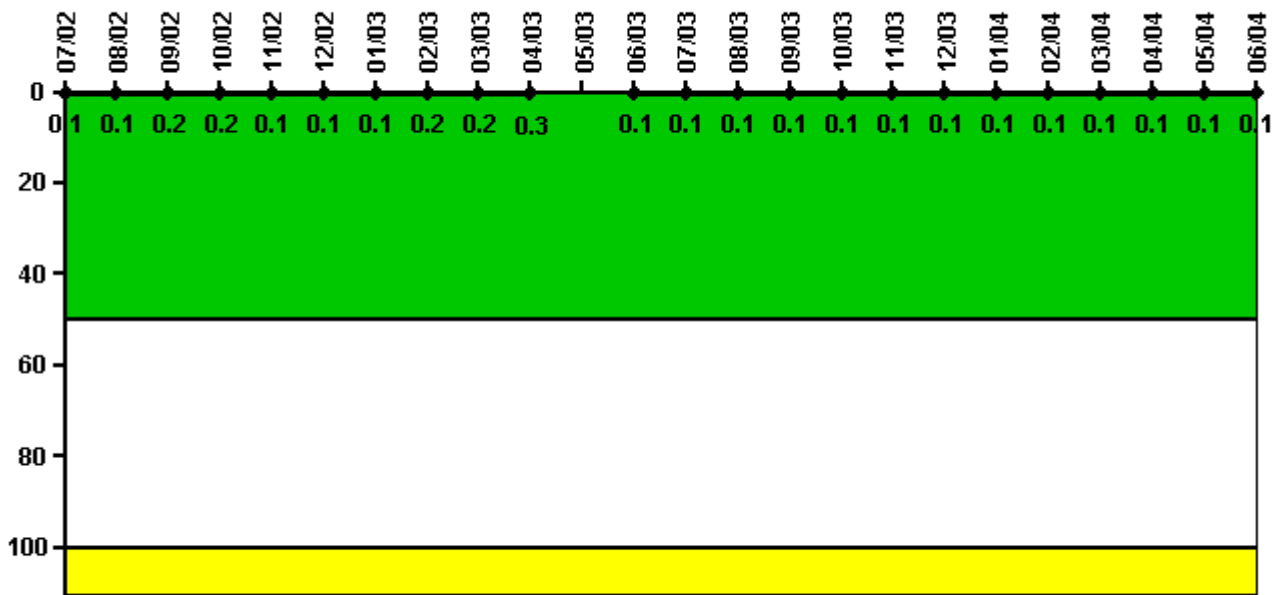
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Safety System Functional Failures	1	0	0	0	0	0	0	0
Indicator value	1	1	1	1	0	0	0	0

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

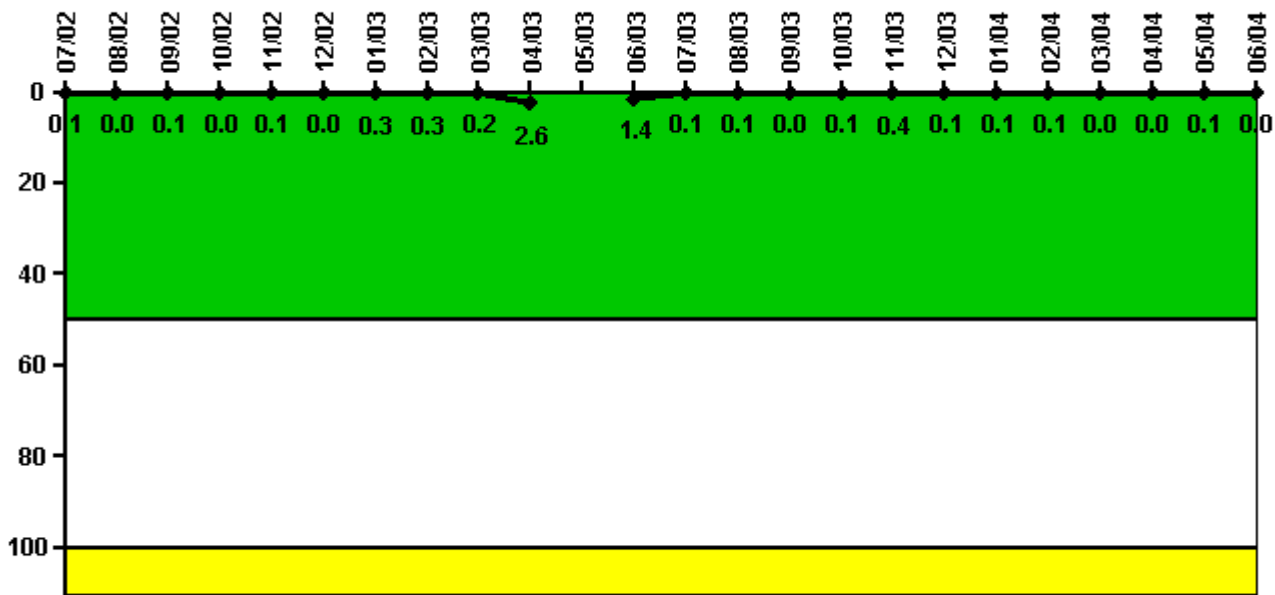
Notes

Reactor Coolant System Activity	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03
Maximum activity	0.001490	0.001470	0.001730	0.001680	0.001380	0.001330	0.001400	0.001660	0.001590	0.003190	N/A	0.000944
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.3	N/A	0.1

Reactor Coolant System Activity	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04
Maximum activity	0.001140	0.001040	0.001170	0.001200	0.001100	0.001260	0.001110	0.001150	0.001130	0.001300	0.001440	0.001350
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
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



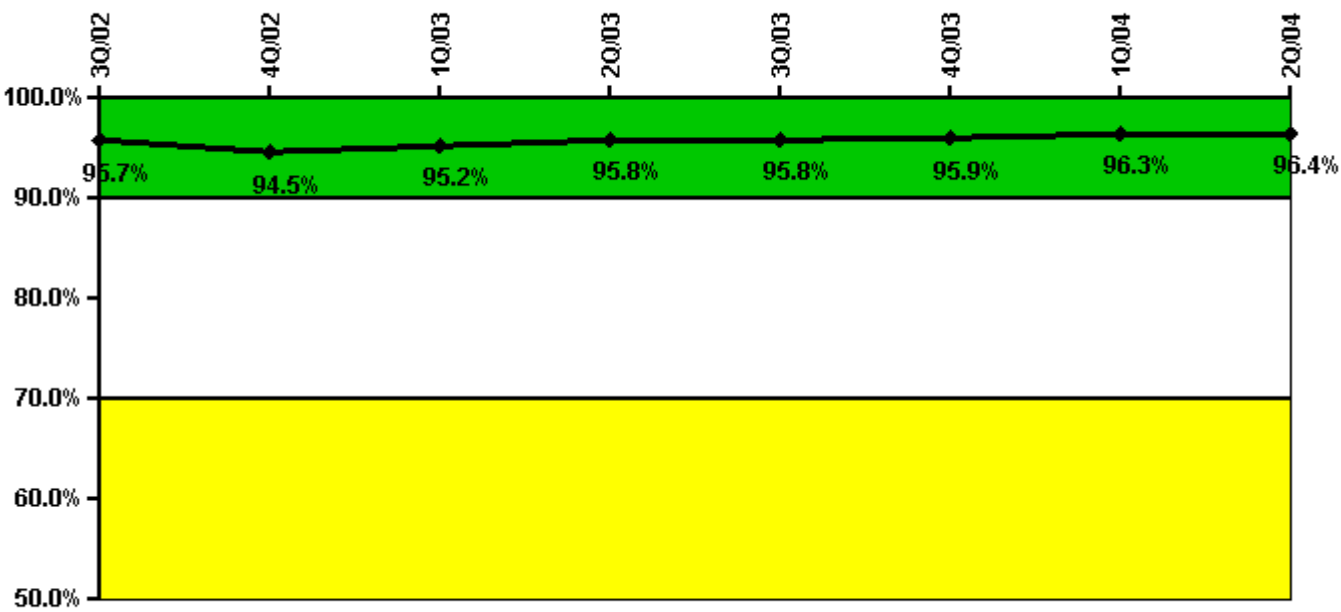
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03
Maximum leakage	0.005	0	0.007	0.002	0.005	0	0.030	0.030	0.015	0.260	N/A	0.135
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0	0.1	0	0.1	0	0.3	0.3	0.2	2.6	N/A	1.4
Reactor Coolant System Leakage	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04
Maximum leakage	0.007	0.010	0.004	0.005	0.039	0.010	0.010	0.010	0	0	0.010	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.1	0	0.1	0.4	0.1	0.1	0.1	0	0	0.1	0

Licensee Comments: none

Drill/Exercise Performance



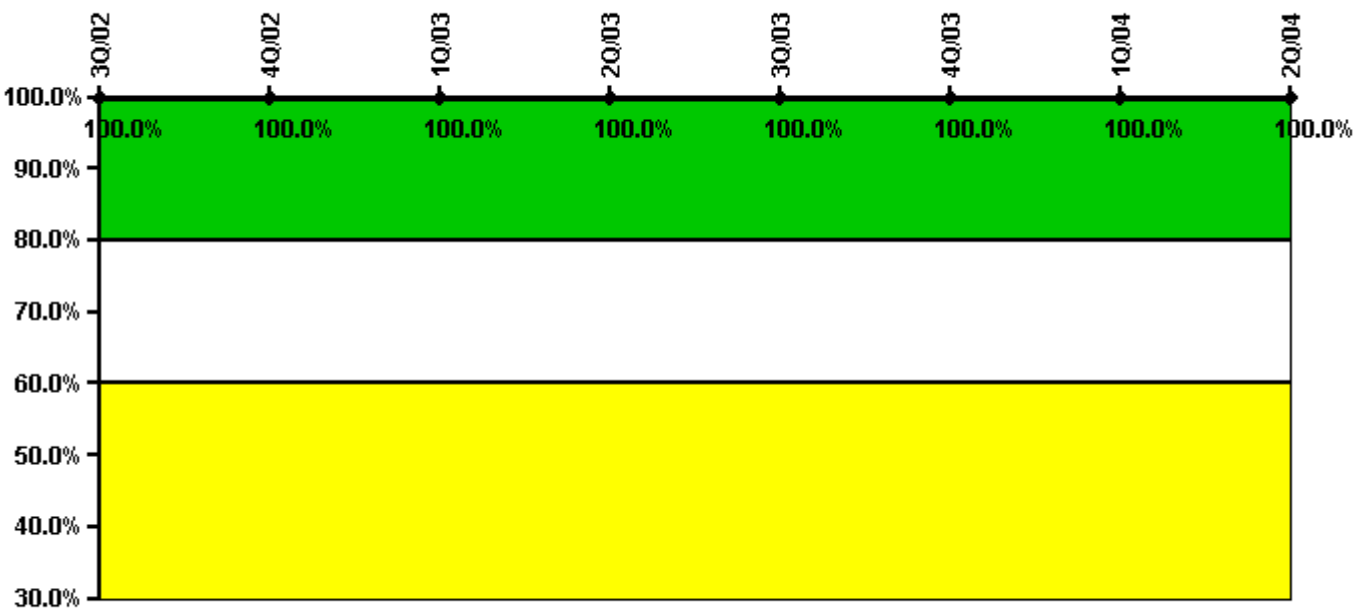
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Successful opportunities	70.0	5.0	87.0	48.0	80.0	67.0	50.0	47.0
Total opportunities	73.0	6.0	89.0	50.0	83.0	70.0	51.0	49.0
Indicator value	95.7%	94.5%	95.2%	95.8%	95.8%	95.9%	96.3%	96.4%

Licensee Comments: none

ERO Drill Participation



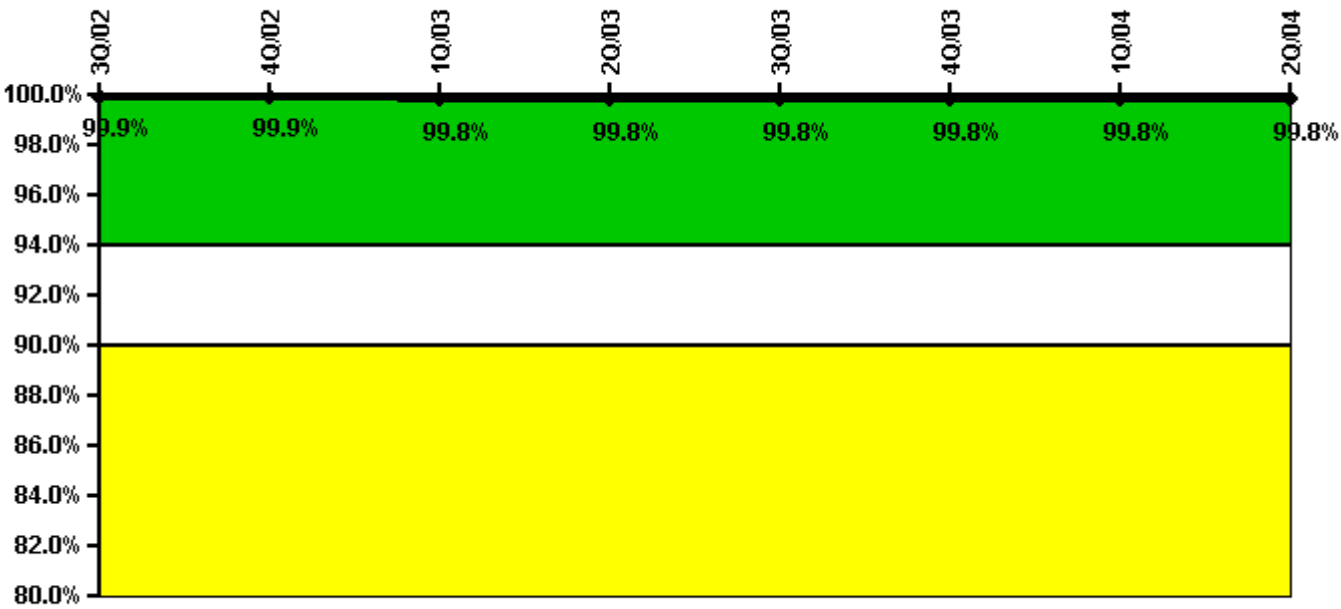
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Participating Key personnel	79.0	75.0	82.0	84.0	81.0	74.0	77.0	85.0
Total Key personnel	79.0	75.0	82.0	84.0	81.0	74.0	77.0	85.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



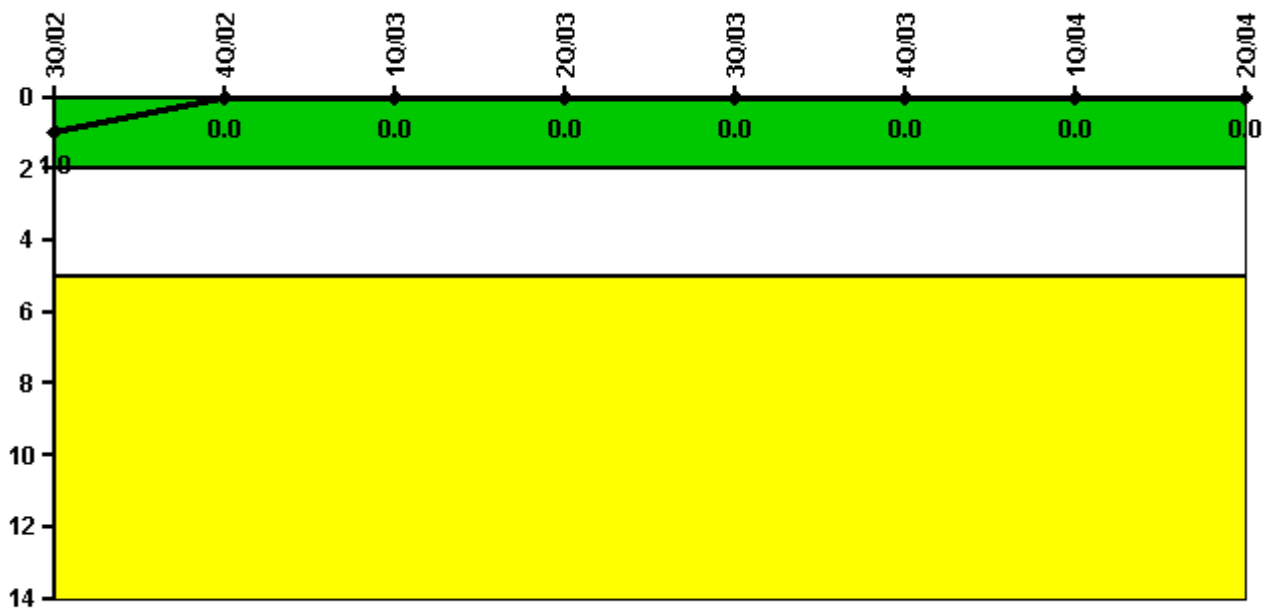
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Successful siren-tests	704	527	709	533	710	533	712	622
Total sirens-tests	704	528	711	534	712	534	712	623
Indicator value	99.9%	99.9%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness

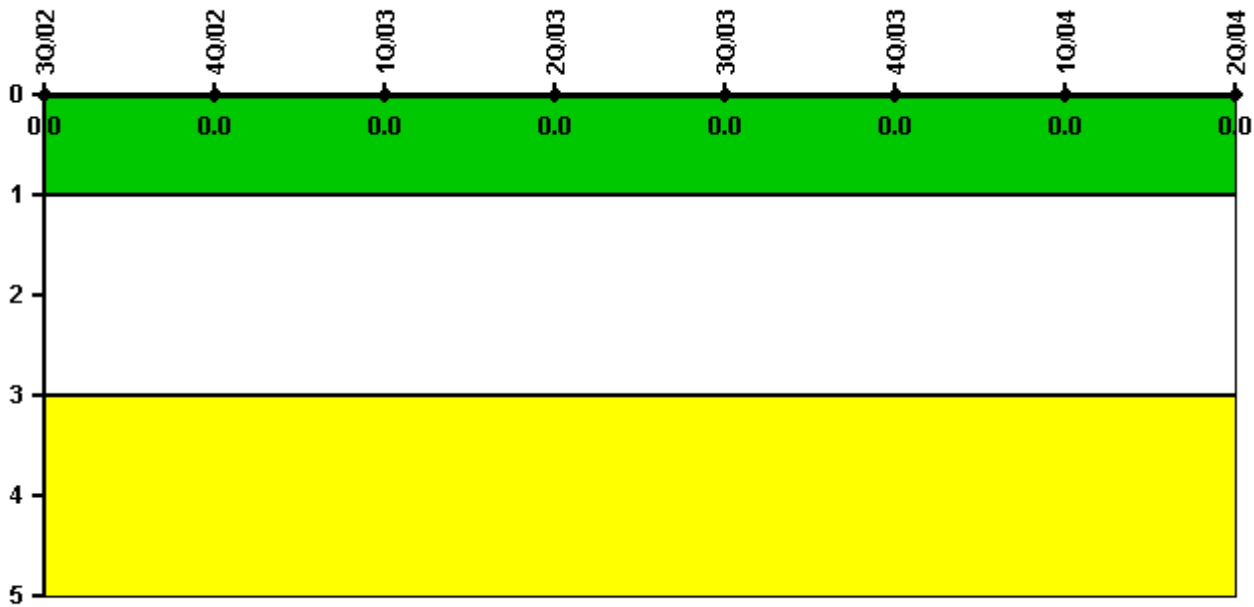


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
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	1	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/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
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.

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

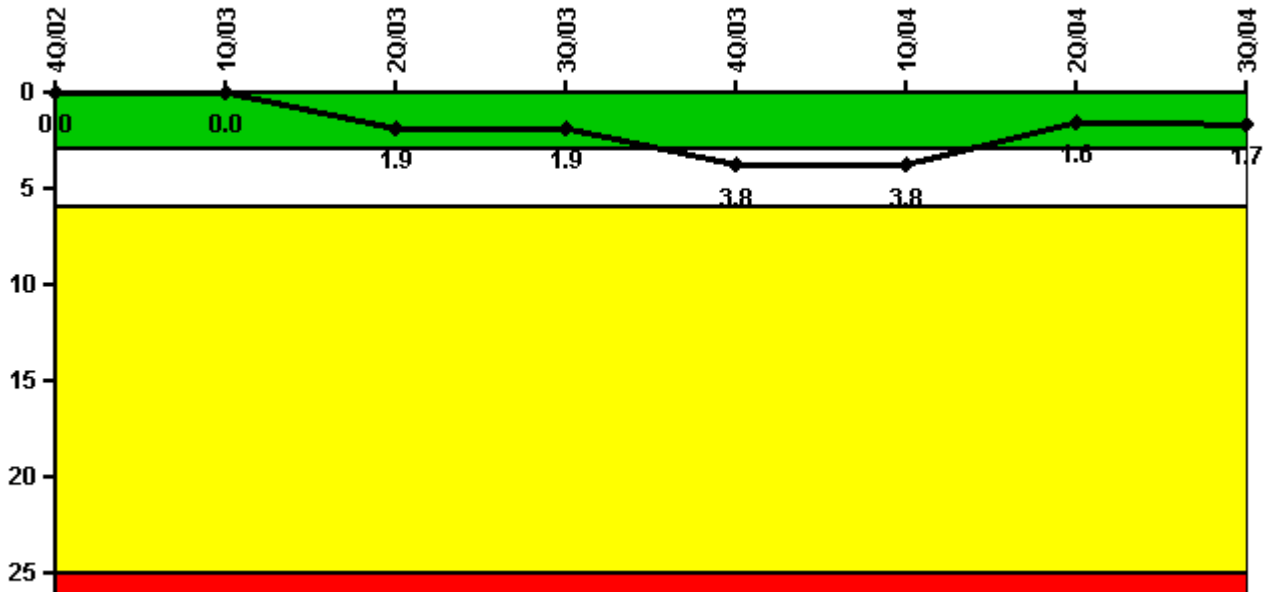
Last Modified: September 8, 2004

Saint Lucie 2

3Q/2004 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



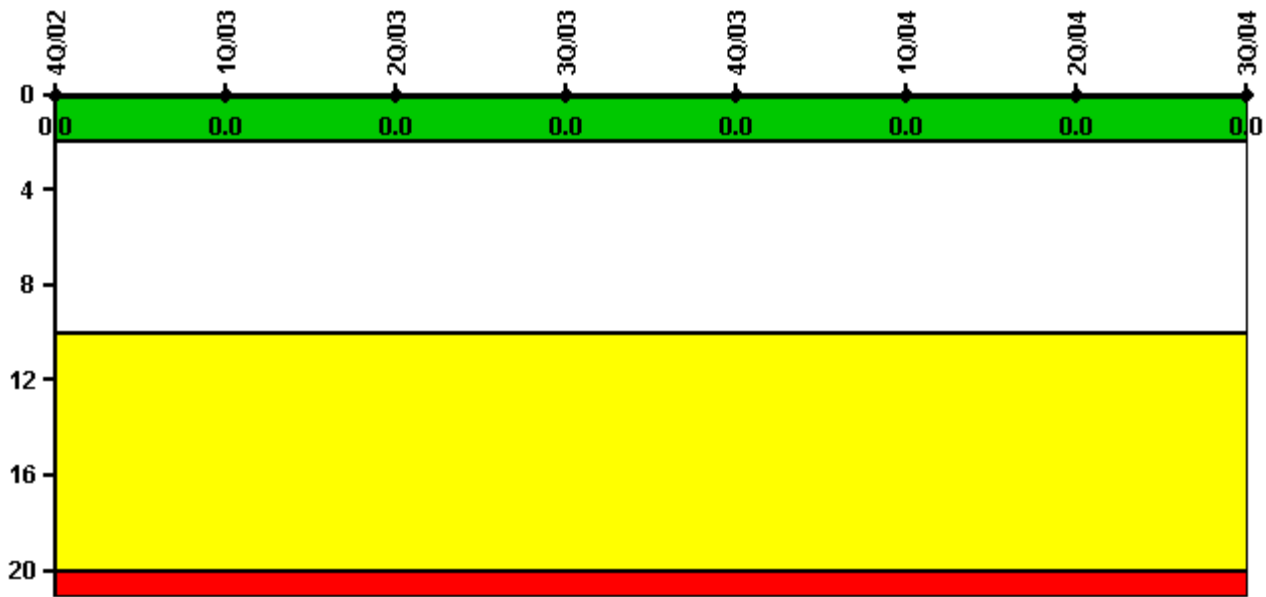
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Unplanned scrams	0	0	2.0	0	2.0	0	0	0
Critical hours	2209.0	2160.0	841.2	2208.0	2068.8	2184.0	2183.0	1750.1
Indicator value	0	0	1.9	1.9	3.8	3.8	1.6	1.7

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



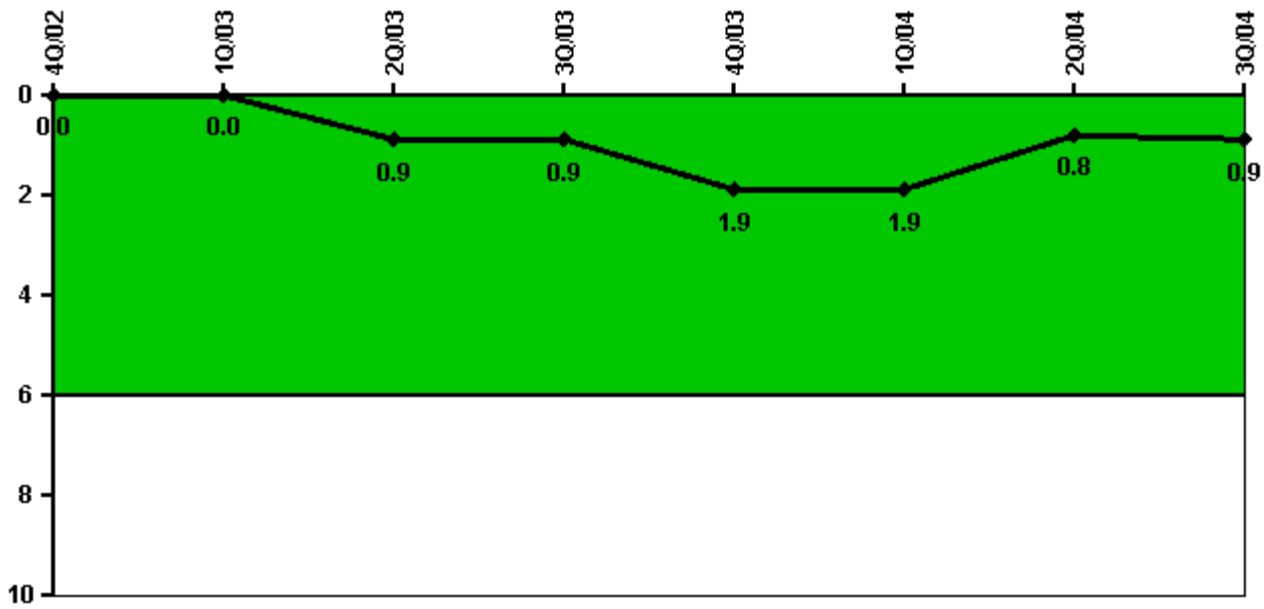
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
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



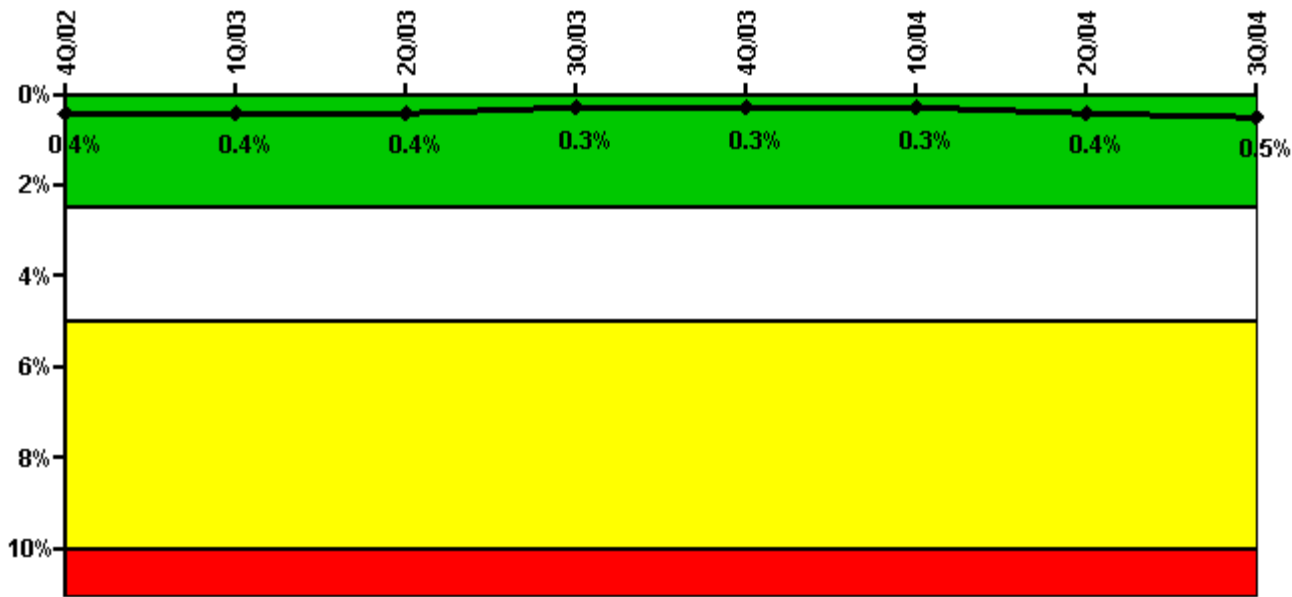
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Unplanned power changes	0	0	1.0	0	1.0	0	0	0
Critical hours	2209.0	2160.0	841.2	2208.0	2068.8	2184.0	2183.0	1750.1
Indicator value	0	0	0.9	0.9	1.9	1.9	0.8	0.9

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



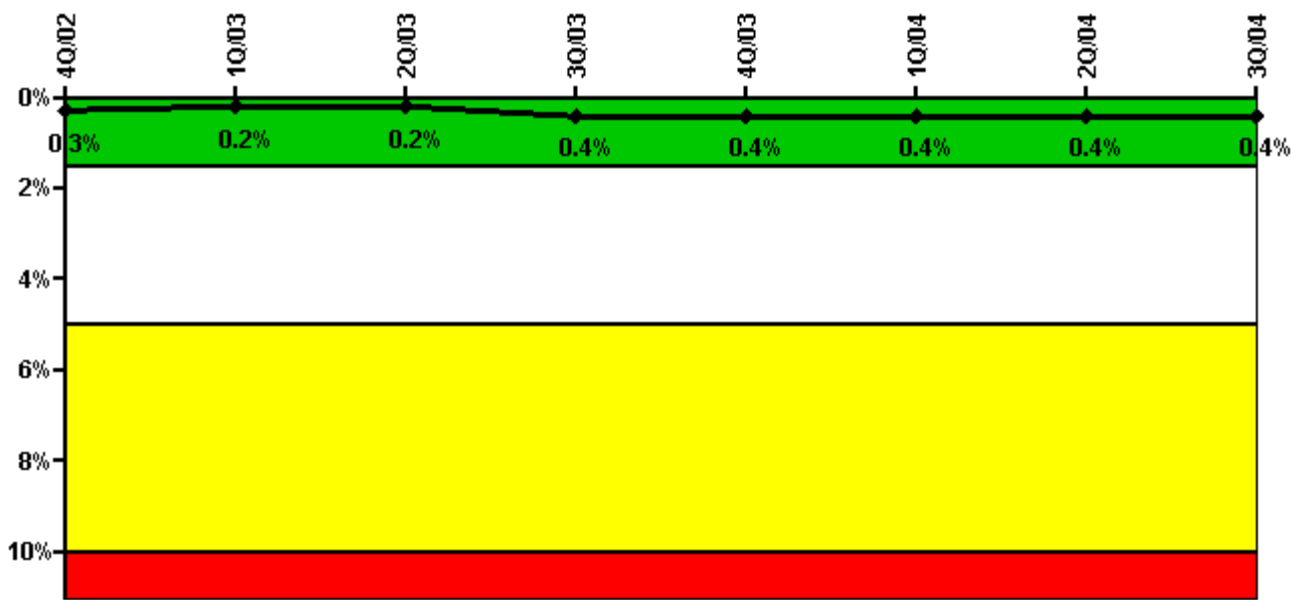
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	7.00	9.00	3.90	6.50	6.01	6.80	6.30	10.00
Unplanned unavailable hours	0	0	0	0	0	0	38.30	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	1697.20	2208.00	2209.00	2184.00	2183.00	2208.00
Train 2								
Planned unavailable hours	7.60	5.60	4.30	7.20	7.27	7.50	5.60	6.60
Unplanned unavailable hours	0	0	0	8.20	0	6.20	8.80	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	1697.20	2208.00	2209.00	2184.00	2183.00	2208.00
Indicator value	0.4%	0.4%	0.4%	0.3%	0.3%	0.3%	0.4%	0.5%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



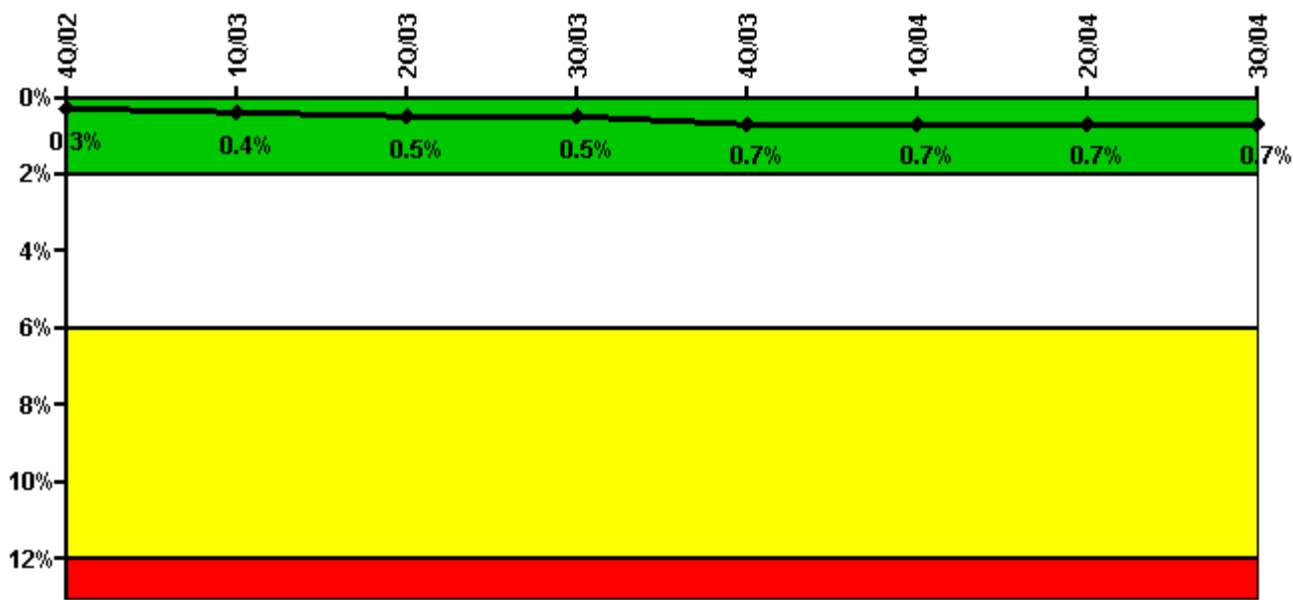
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	0.40	3.00	6.10	29.40	0.60	0.40	0.40	0.60
Unplanned unavailable hours	0	0	0	23.30	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	1132.00	2208.00	2209.00	2184.00	2183.00	2208.00
Train 2								
Planned unavailable hours	1.20	2.10	2.40	32.80	0.30	0.40	3.00	2.30
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	1132.00	2208.00	2209.00	2184.00	2183.00	2208.00
Indicator value	0.3%	0.2%	0.2%	0.4%	0.4%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



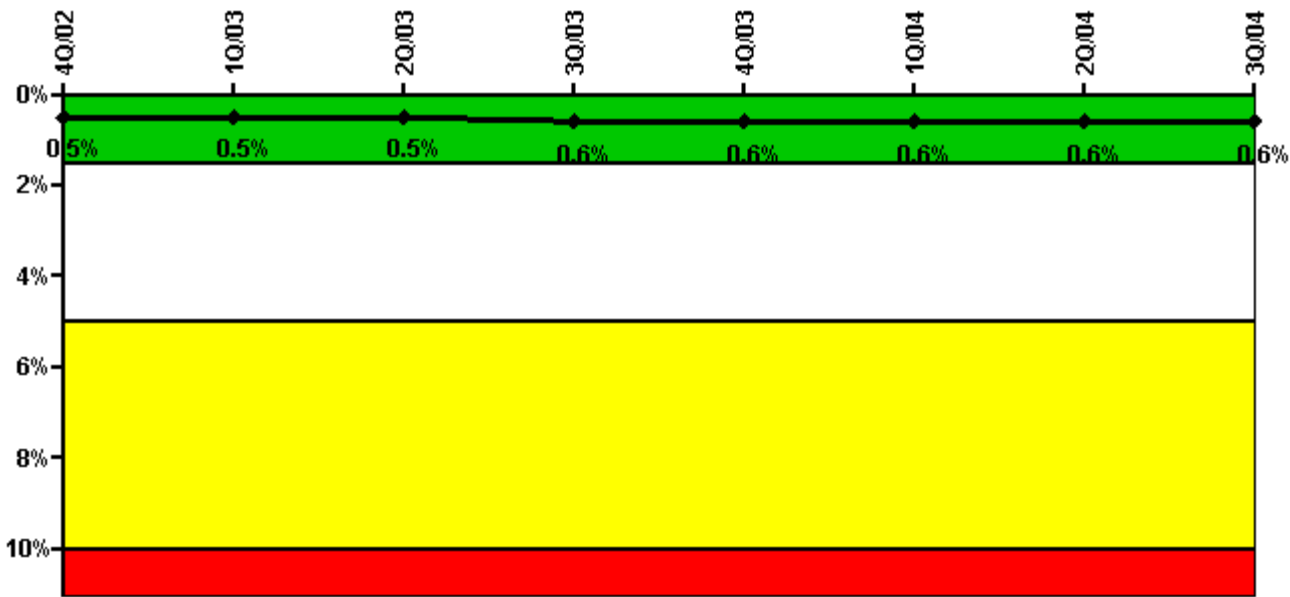
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	2.00	13.10	2.40	1.50	12.50	3.20	13.60	5.60
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	1180.90	2208.00	2209.00	2184.00	2183.00	1882.00
Train 2								
Planned unavailable hours	2.20	10.30	2.30	10.00	1.40	1.80	1.40	14.70
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	1180.90	2208.00	2209.00	2184.00	2183.00	1882.00
Train 3								
Planned unavailable hours	14.20	18.70	2.20	7.70	14.60	12.30	8.70	31.50
Unplanned unavailable hours	0	0	62.70	0	125.40	0	0	9.80
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	1180.90	2208.00	2209.00	2184.00	2183.00	1882.00
Indicator value	0.3%	0.4%	0.5%	0.5%	0.7%	0.7%	0.7%	0.7%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



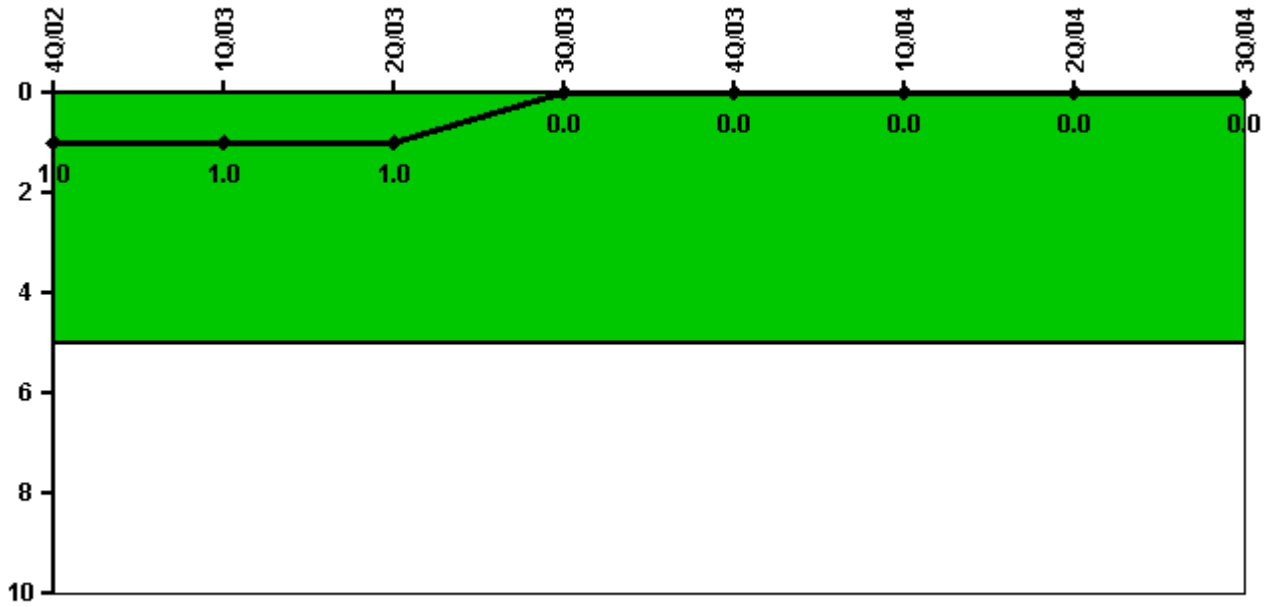
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	4.00	5.20	0.50	34.70	12.10	60.50	0.40	1.90
Unplanned unavailable hours	0	0	0	23.30	0	0	10.50	30.90
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	1132.00	2208.00	2209.00	2184.00	2183.00	1822.10
Train 2								
Planned unavailable hours	4.90	38.40	0.40	45.50	6.10	49.40	9.40	5.20
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	1132.00	2208.00	2209.00	2184.00	2183.00	1822.10
Train 3								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	0	693.90	0	0	0	0	325.90
Train 4								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	0	693.90	0	0	0	0	325.90
Indicator value	0.5%	0.5%	0.5%	0.6%	0.6%	0.6%	0.6%	0.6%

Licensee Comments: none

Safety System Functional Failures (PWR)



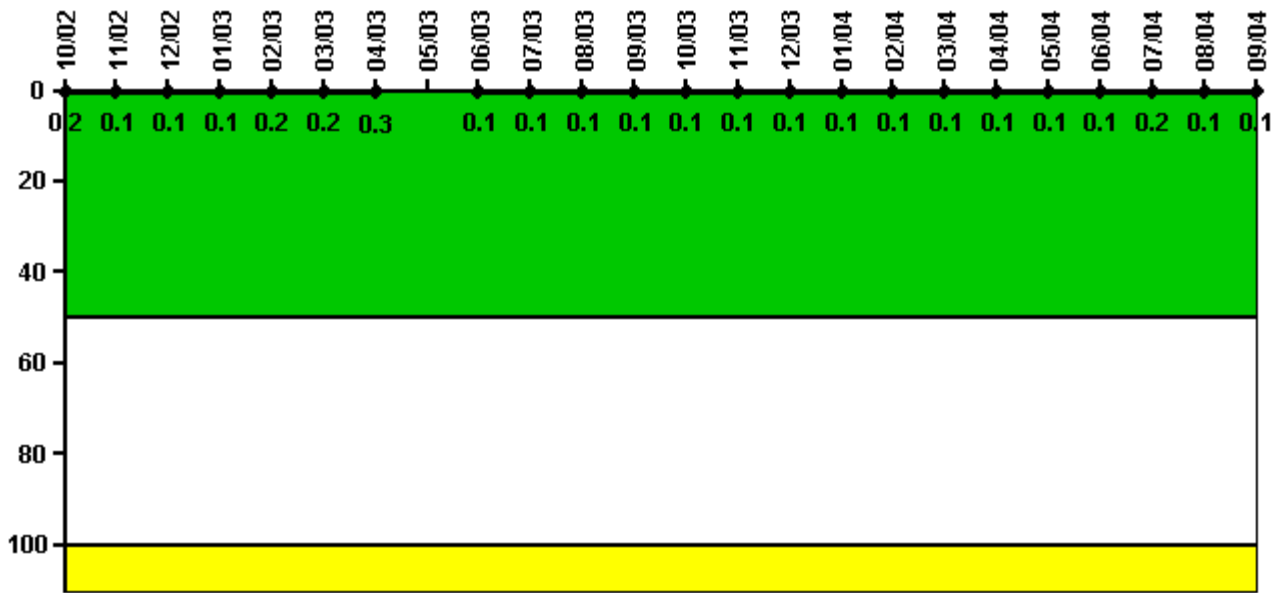
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	1	1	1	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

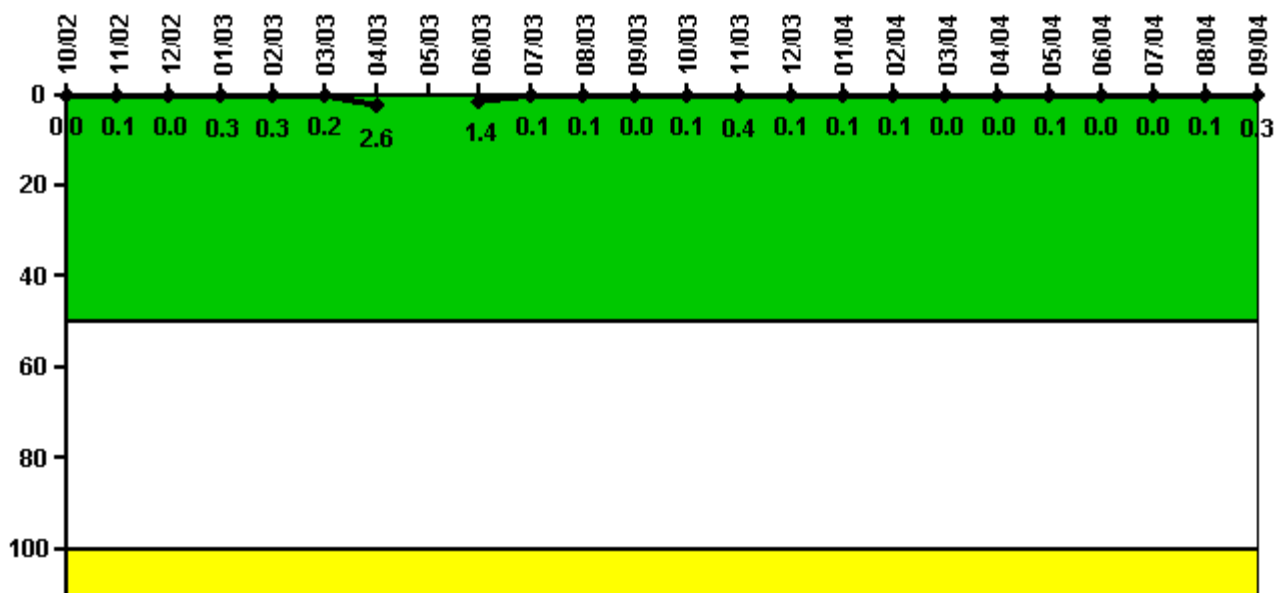
Notes

Reactor Coolant System Activity	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03
Maximum activity	0.001680	0.001380	0.001330	0.001400	0.001660	0.001590	0.003190	N/A	0.000944	0.001140	0.001040	0.001170
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.2	0.1	0.1	0.1	0.2	0.2	0.3	N/A	0.1	0.1	0.1	0.1

Reactor Coolant System Activity	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04
Maximum activity	0.001200	0.001100	0.001260	0.001110	0.001150	0.001130	0.001300	0.001440	0.001350	0.001770	0.001140	0.001010
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



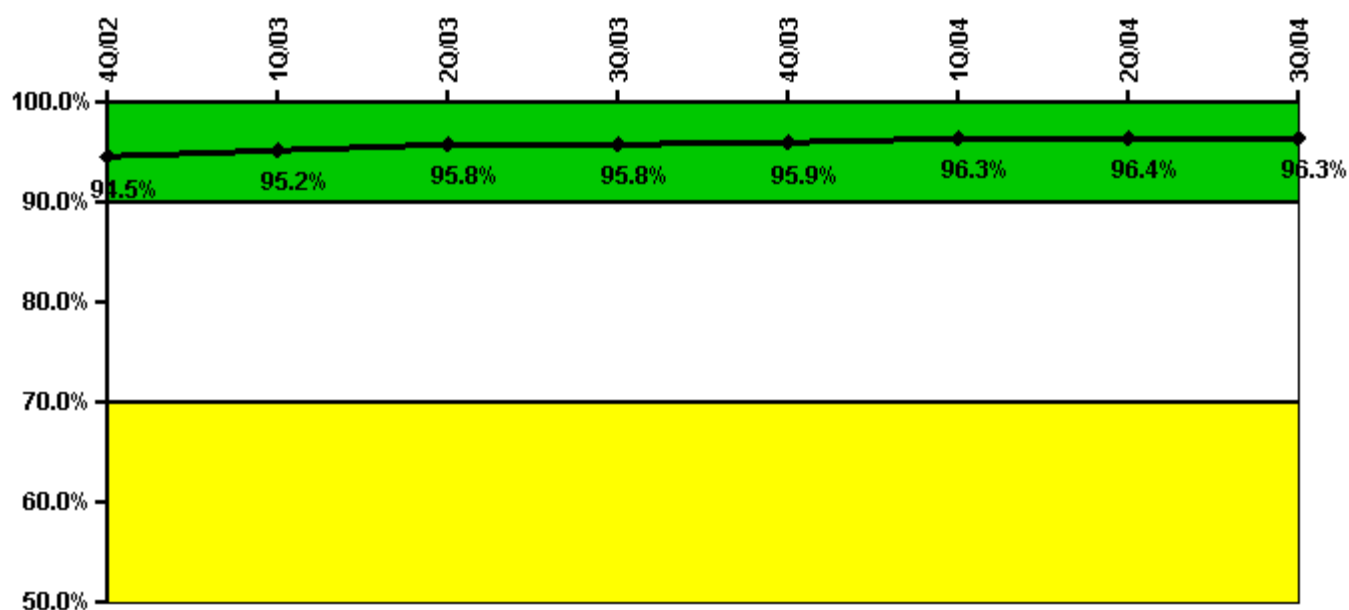
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03
Maximum leakage	0.002	0.005	0	0.030	0.030	0.015	0.260	N/A	0.135	0.007	0.010	0.004
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0.1	0	0.3	0.3	0.2	2.6	N/A	1.4	0.1	0.1	0
Reactor Coolant System Leakage	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04
Maximum leakage	0.005	0.039	0.010	0.010	0.010	0	0	0.010	0	0.003	0.008	0.030
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.4	0.1	0.1	0.1	0	0	0.1	0	0	0.1	0.3

Licensee Comments: none

Drill/Exercise Performance



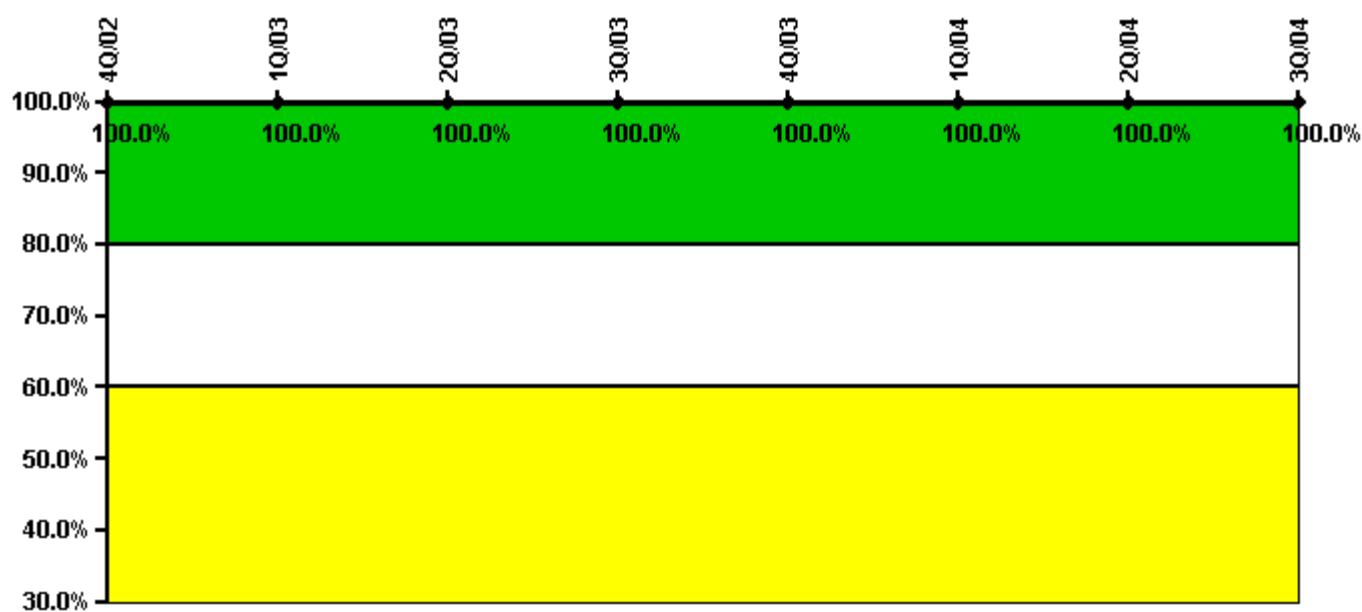
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Successful opportunities	5.0	87.0	48.0	80.0	67.0	50.0	47.0	60.0
Total opportunities	6.0	89.0	50.0	83.0	70.0	51.0	49.0	63.0
Indicator value	94.5%	95.2%	95.8%	95.8%	95.9%	96.3%	96.4%	96.3%

Licensee Comments: none

ERO Drill Participation



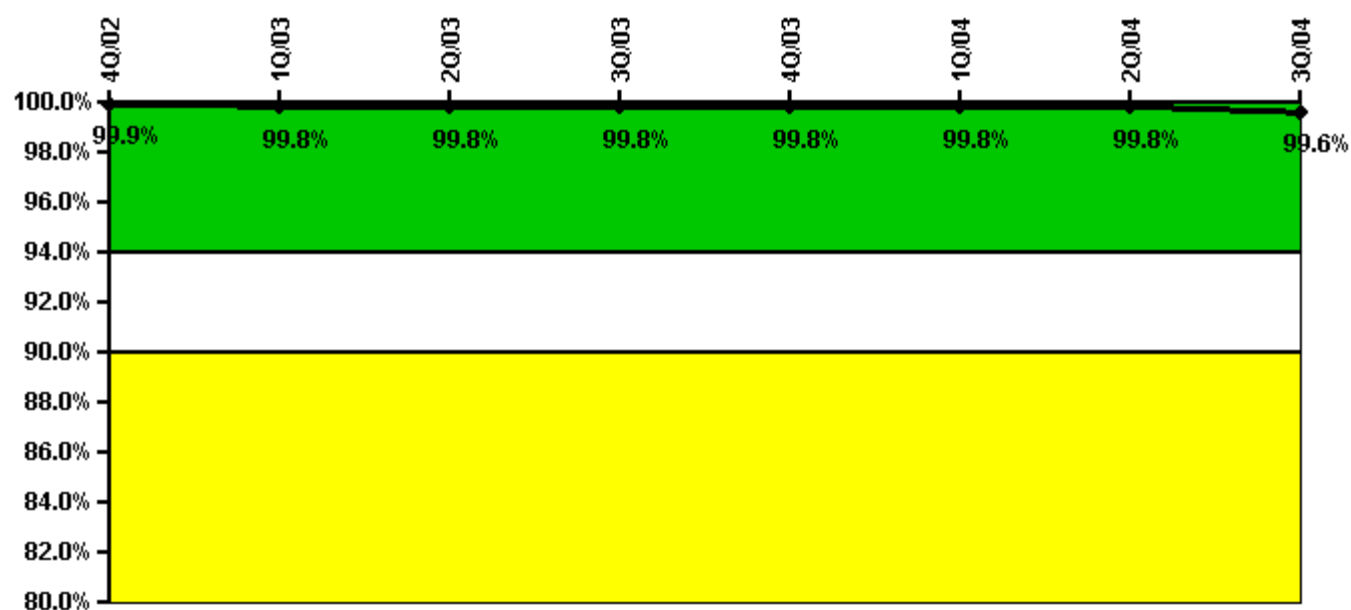
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Participating Key personnel	75.0	82.0	84.0	81.0	74.0	77.0	85.0	86.0
Total Key personnel	75.0	82.0	84.0	81.0	74.0	77.0	85.0	86.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



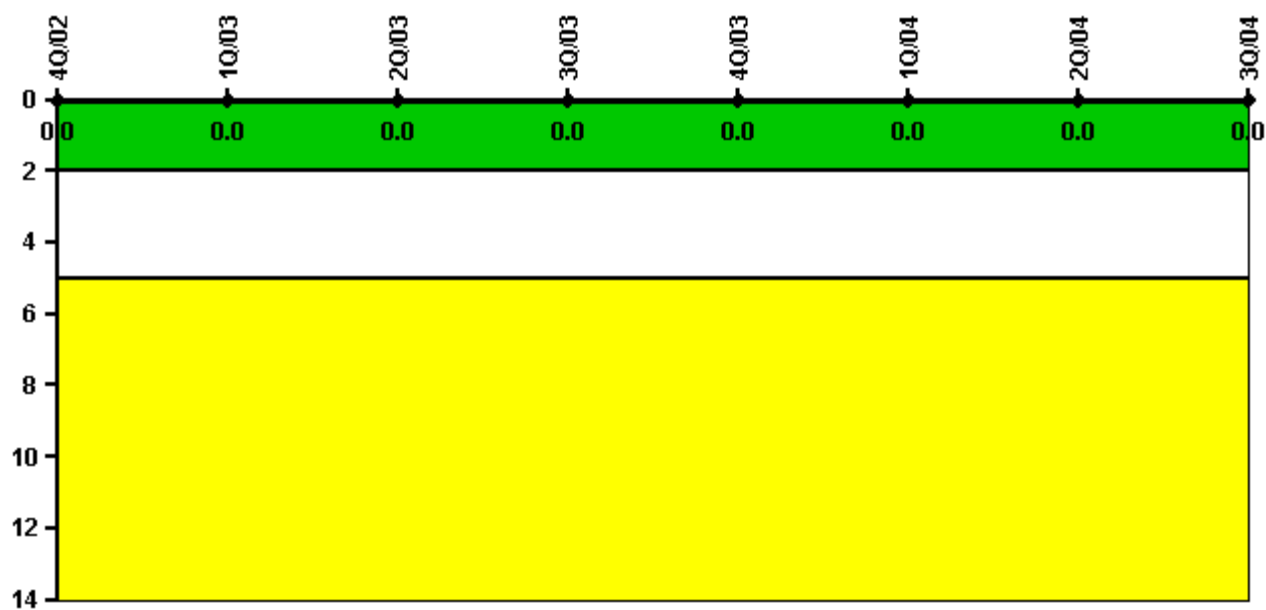
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Successful siren-tests	527	709	533	710	533	712	622	616
Total sirens-tests	528	711	534	712	534	712	623	623
Indicator value	99.9%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness



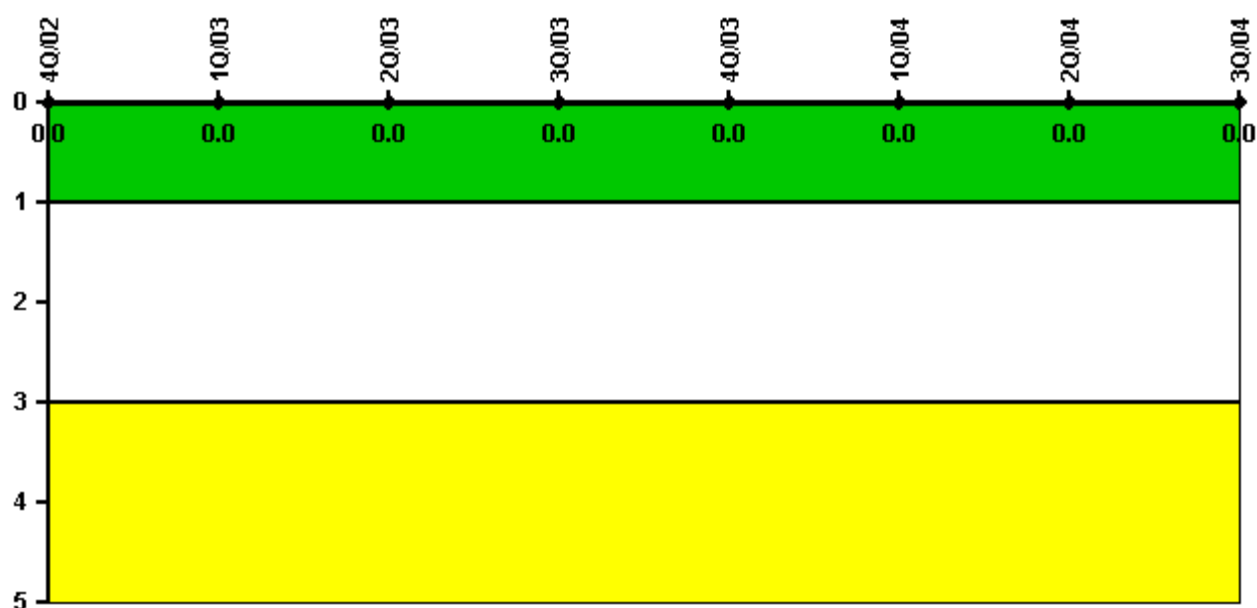
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
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/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
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.

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

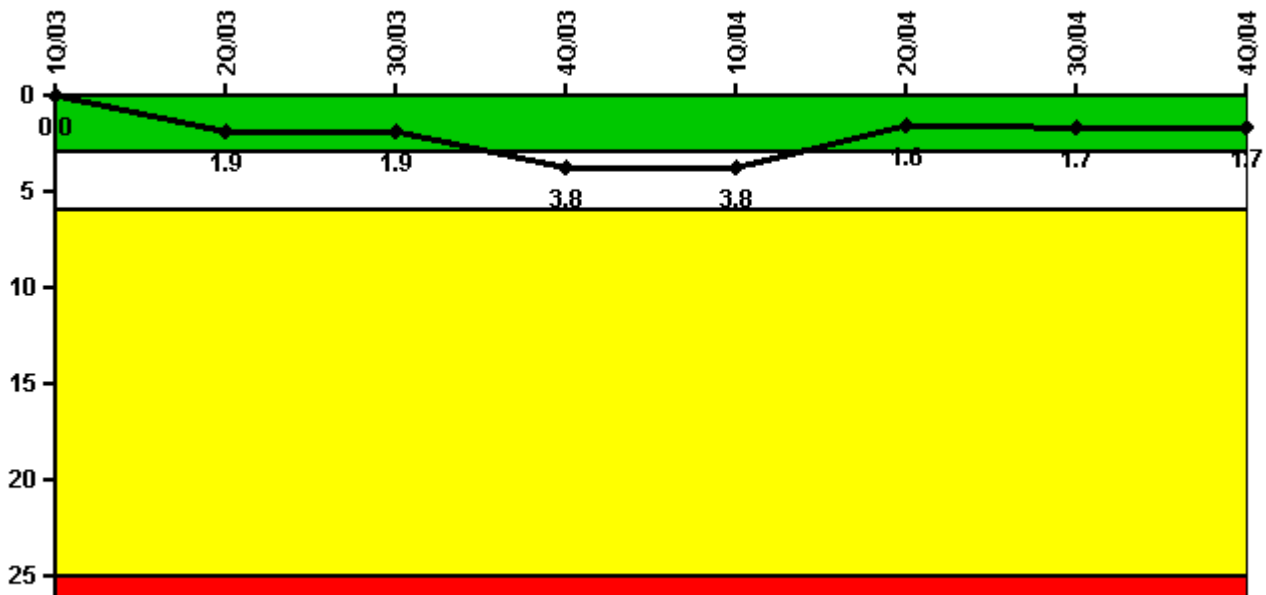
Last Modified: October 25, 2004

Saint Lucie 2

4Q/2004 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



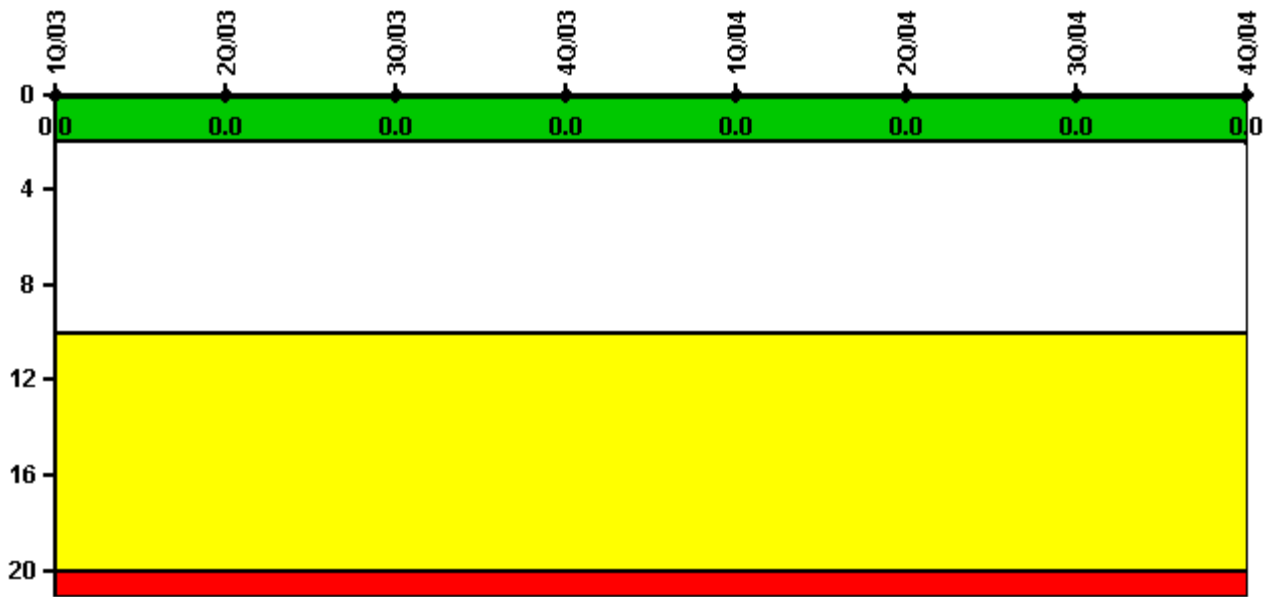
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Unplanned scrams	0	2.0	0	2.0	0	0	0	2.0
Critical hours	2160.0	841.2	2208.0	2068.8	2184.0	2183.0	1750.1	1984.6
Indicator value	0	1.9	1.9	3.8	3.8	1.6	1.7	1.7

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



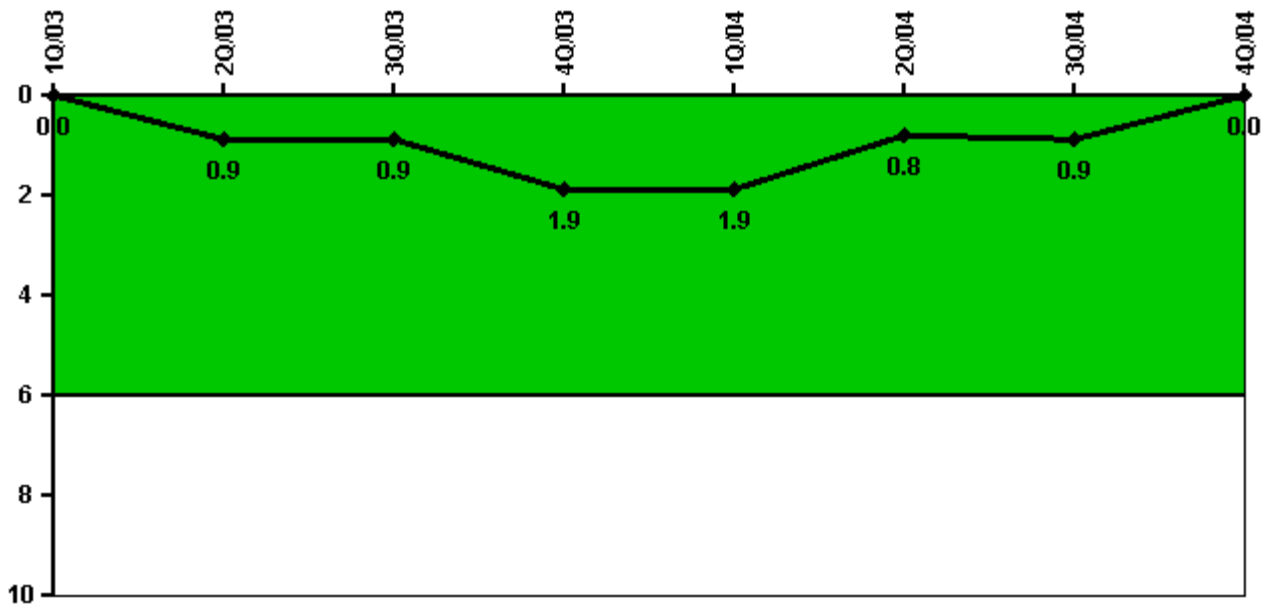
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
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



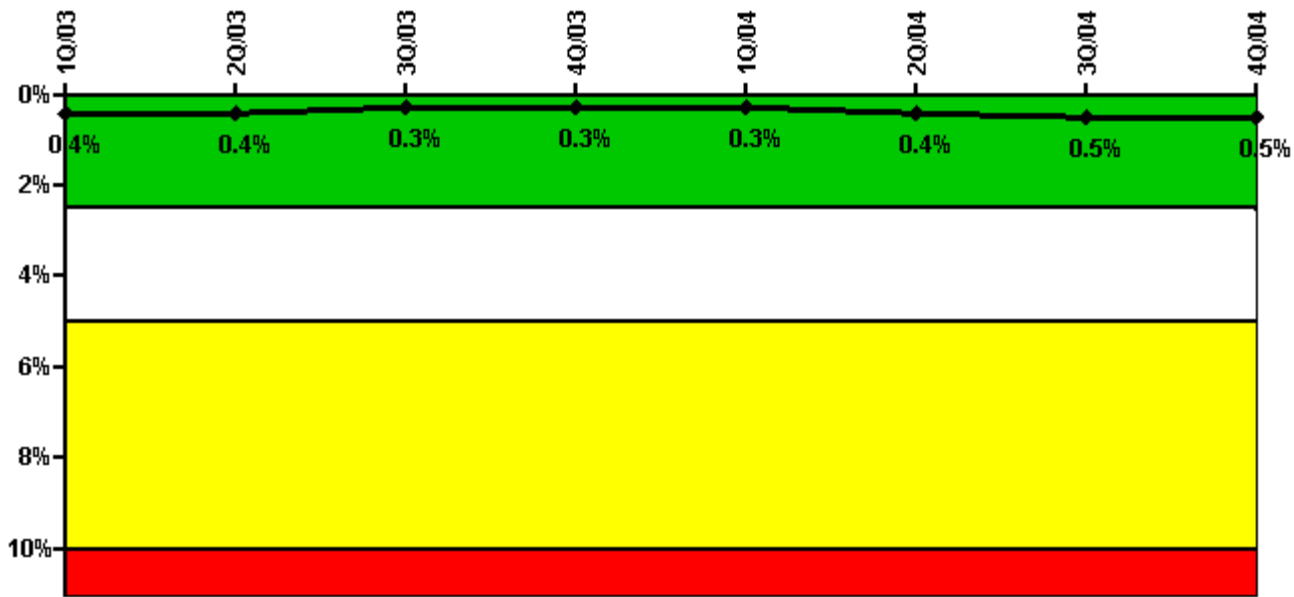
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Unplanned power changes	0	1.0	0	1.0	0	0	0	0
Critical hours	2160.0	841.2	2208.0	2068.8	2184.0	2183.0	1750.1	1984.6
Indicator value	0	0.9	0.9	1.9	1.9	0.8	0.9	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



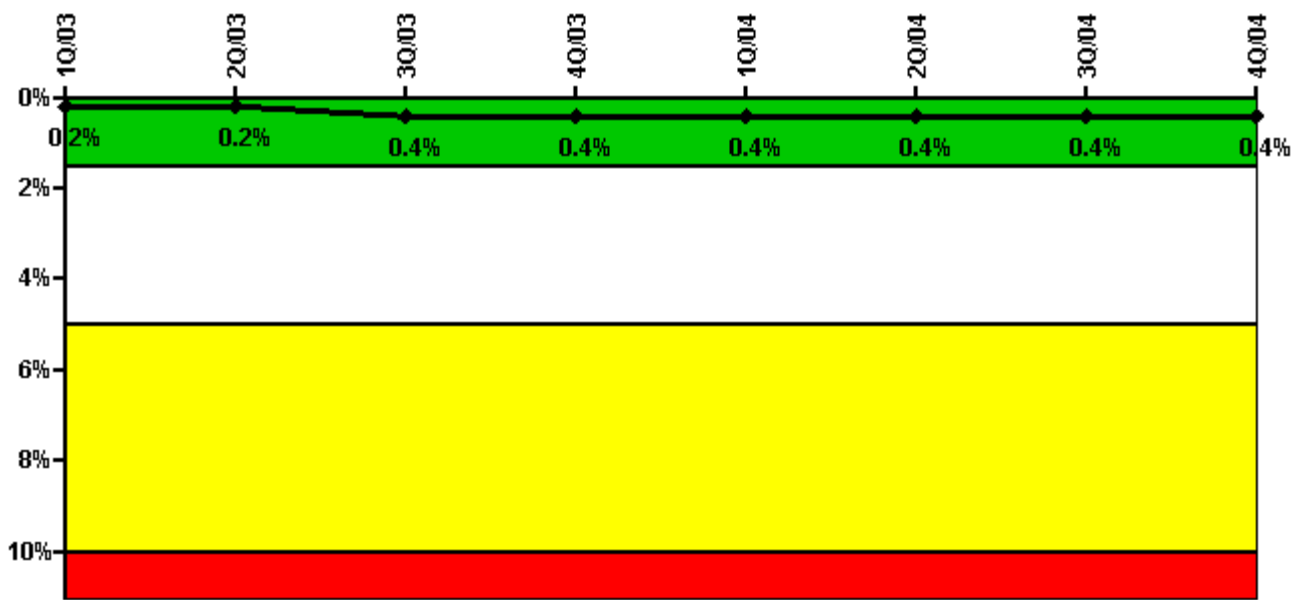
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours	9.00	3.90	6.50	6.01	6.80	6.30	10.00	5.70
Unplanned unavailable hours	0	0	0	0	0	38.30	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	1697.20	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	5.60	4.30	7.20	7.27	7.50	5.60	6.60	9.20
Unplanned unavailable hours	0	0	8.20	0	6.20	8.80	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	1697.20	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00
Indicator value	0.4%	0.4%	0.3%	0.3%	0.3%	0.4%	0.5%	0.5%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



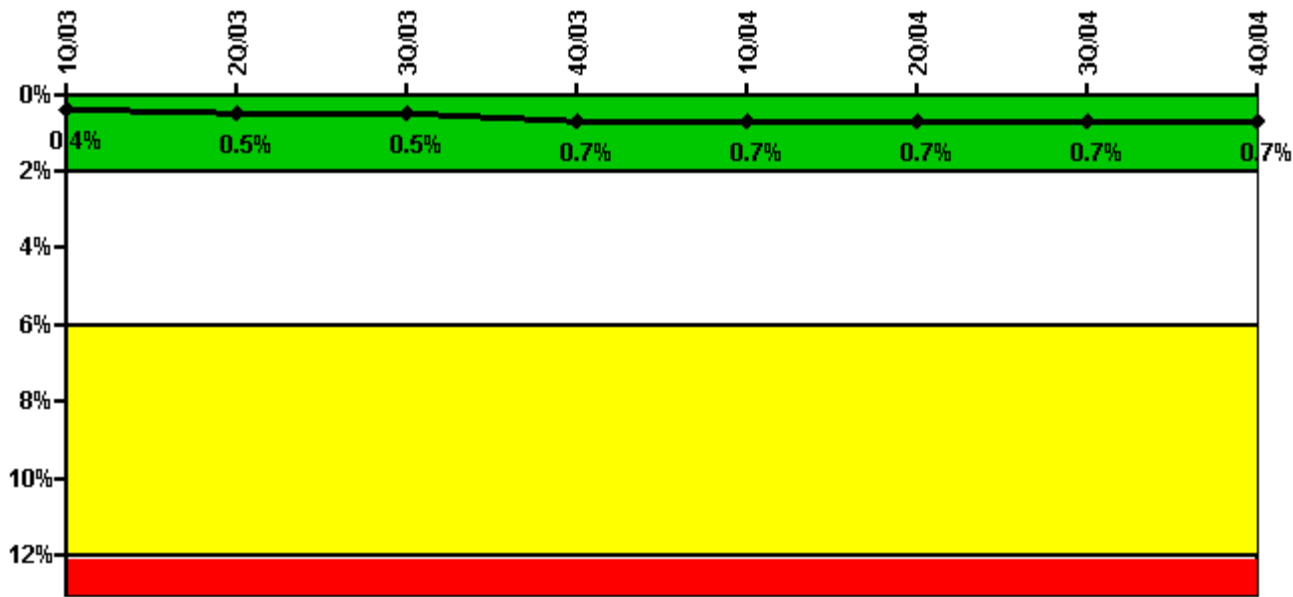
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours	3.00	6.10	29.40	0.60	0.40	0.40	0.60	21.40
Unplanned unavailable hours	0	0	23.30	0	0	0	0	2.30
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	1132.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	2.10	2.40	32.80	0.30	0.40	3.00	2.30	28.80
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	1132.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00
Indicator value	0.2%	0.2%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours	13.10	2.40	1.50	12.50	3.20	13.60	5.60	6.50
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	1180.90	2208.00	2209.00	2184.00	2183.00	1882.00	2149.00
Train 2								
Planned unavailable hours	10.30	2.30	10.00	1.40	1.80	1.40	14.70	3.00
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	1180.90	2208.00	2209.00	2184.00	2183.00	1882.00	2149.00
Train 3								
Planned unavailable hours	18.70	2.20	7.70	14.60	12.30	8.70	31.50	23.00
Unplanned unavailable hours	0	62.70	0	125.40	0	0	9.80	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	1180.90	2208.00	2209.00	2184.00	2183.00	1882.00	2149.00
Indicator value	0.4%	0.5%	0.5%	0.7%	0.7%	0.7%	0.7%	0.7%

Licensee Comments: none

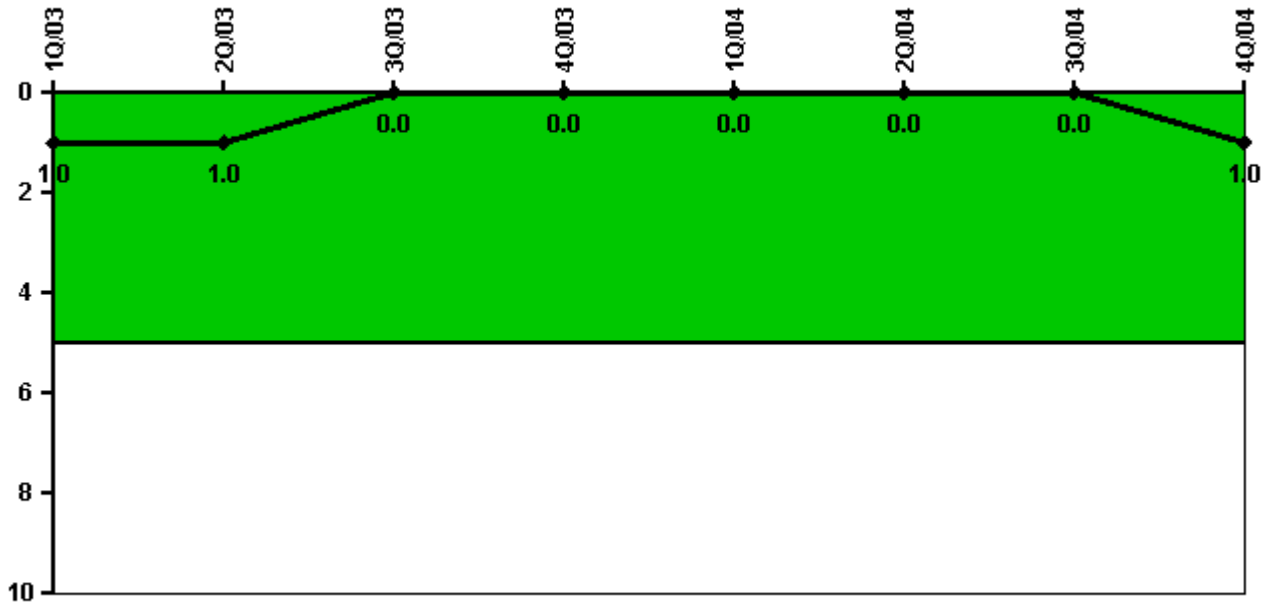
Question	Green (%)	Yellow (%)	Red (%)
1Q/03	5%	5%	4.5%
2Q/03	0.5%	5%	4.5%
3Q/03	0.6%	5%	4.5%
4Q/03	0.6%	5%	4.5%
1Q/04	0.6%	5%	4.5%
2Q/04	0.6%	5%	4.5%
3Q/04	0.6%	5%	4.5%
4Q/04	0.6%	5%	4.5%

Notes

Safety System Unavailability, Residual Heat Removal System	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours	5.20	0.50	34.70	12.10	60.50	0.40	1.90	75.10
Unplanned unavailable hours	0	0	23.30	0	0	10.50	30.90	10.80
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	1132.00	2208.00	2209.00	2184.00	2183.00	1822.10	2144.60
Train 2								
Planned unavailable hours	38.40	0.40	45.50	6.10	49.40	9.40	5.20	64.60
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	1132.00	2208.00	2209.00	2184.00	2183.00	1822.10	2144.60
Train 3								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	693.90	0	0	0	0	325.90	60.50
Train 4								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	693.90	0	0	0	0	325.90	60.50
Indicator value	0.5%	0.5%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%

Licensee Comments: none

Safety System Functional Failures (PWR)



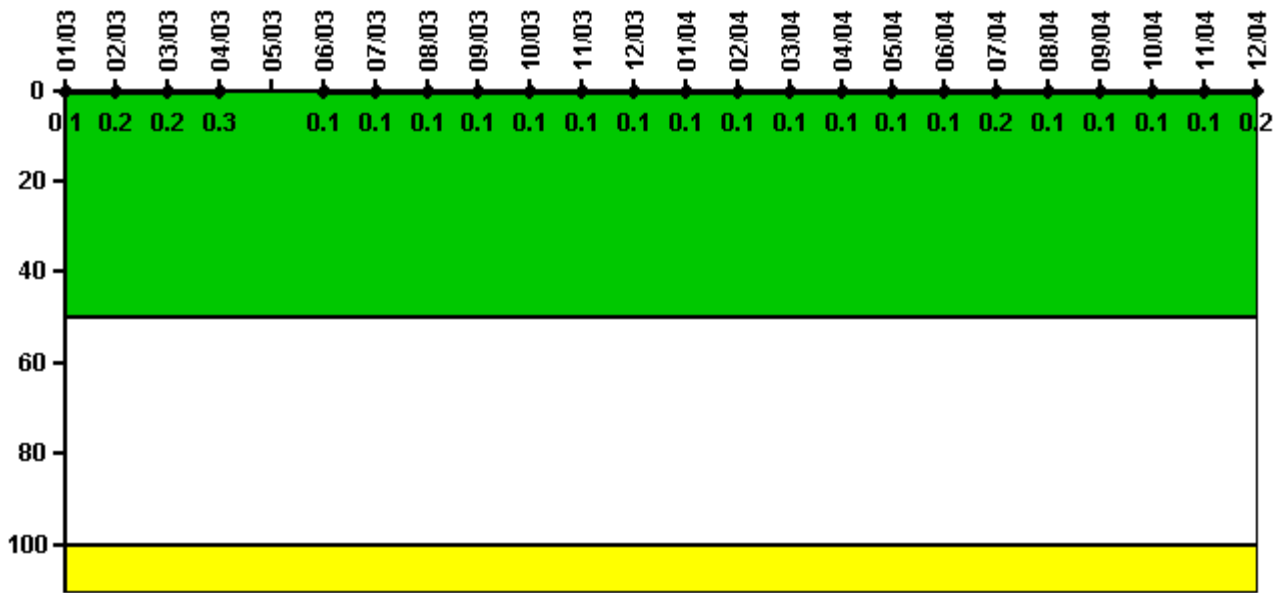
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Safety System Functional Failures	0	0	0	0	0	0	0	1
Indicator value	1	1	0	0	0	0	0	1

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

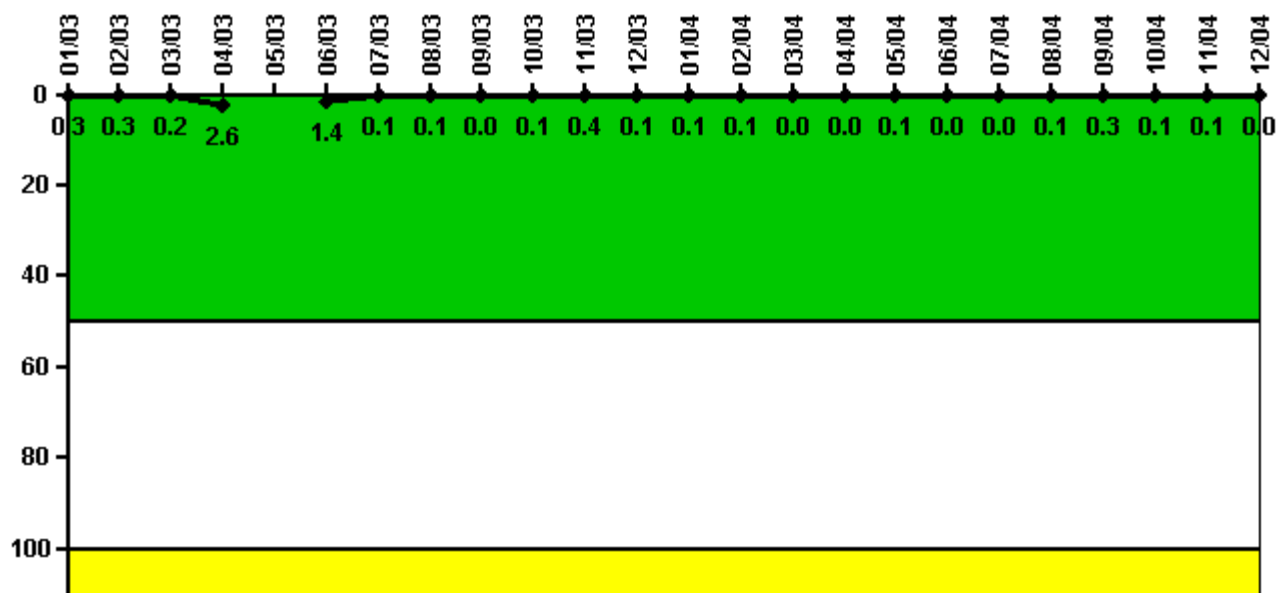
Notes

Reactor Coolant System Activity	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03
Maximum activity	0.001400	0.001660	0.001590	0.003190	N/A	0.000944	0.001140	0.001040	0.001170	0.001200	0.001100	0.001260
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.2	0.2	0.3	N/A	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Reactor Coolant System Activity	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04
Maximum activity	0.001110	0.001150	0.001130	0.001300	0.001440	0.001350	0.001770	0.001140	0.001010	0.001150	0.001150	0.002140
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.2

Licensee Comments: none

Reactor Coolant System Leakage



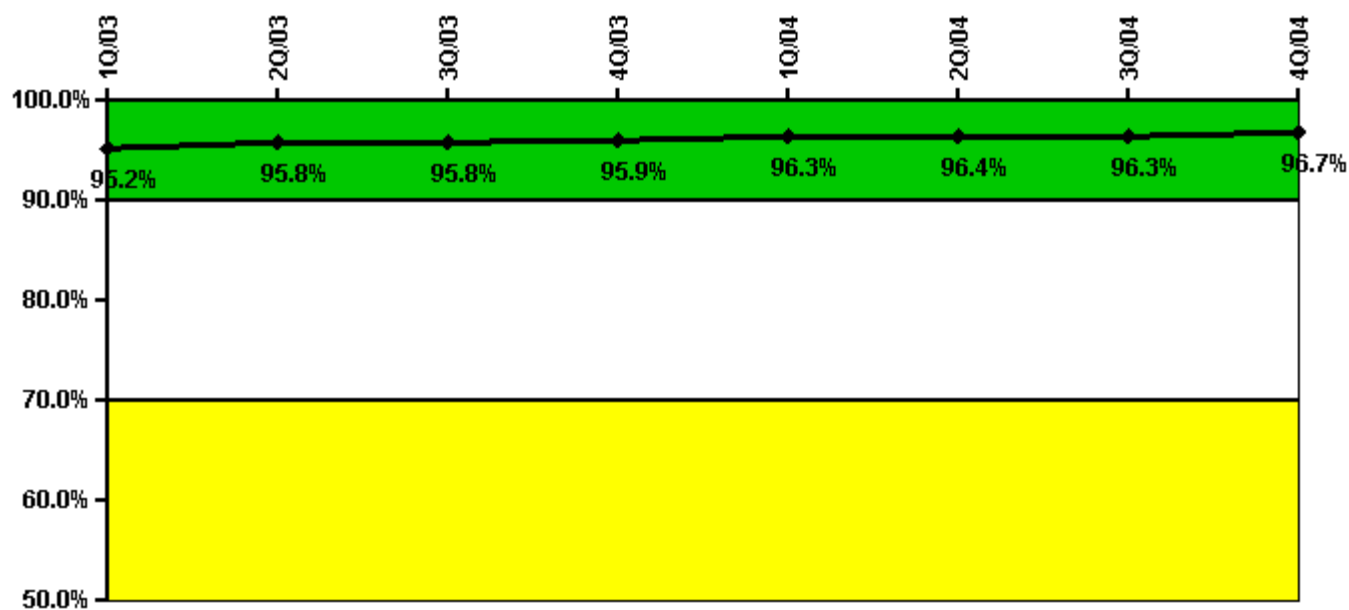
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03
Maximum leakage	0.030	0.030	0.015	0.260	N/A	0.135	0.007	0.010	0.004	0.005	0.039	0.010
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.3	0.2	2.6	N/A	1.4	0.1	0.1	0	0.1	0.4	0.1
Reactor Coolant System Leakage	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04
Maximum leakage	0.010	0.010	0	0	0.010	0	0.003	0.008	0.030	0.010	0.010	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.1	0	0	0.1	0	0	0.1	0.3	0.1	0.1	0

Licensee Comments: none

Drill/Exercise Performance



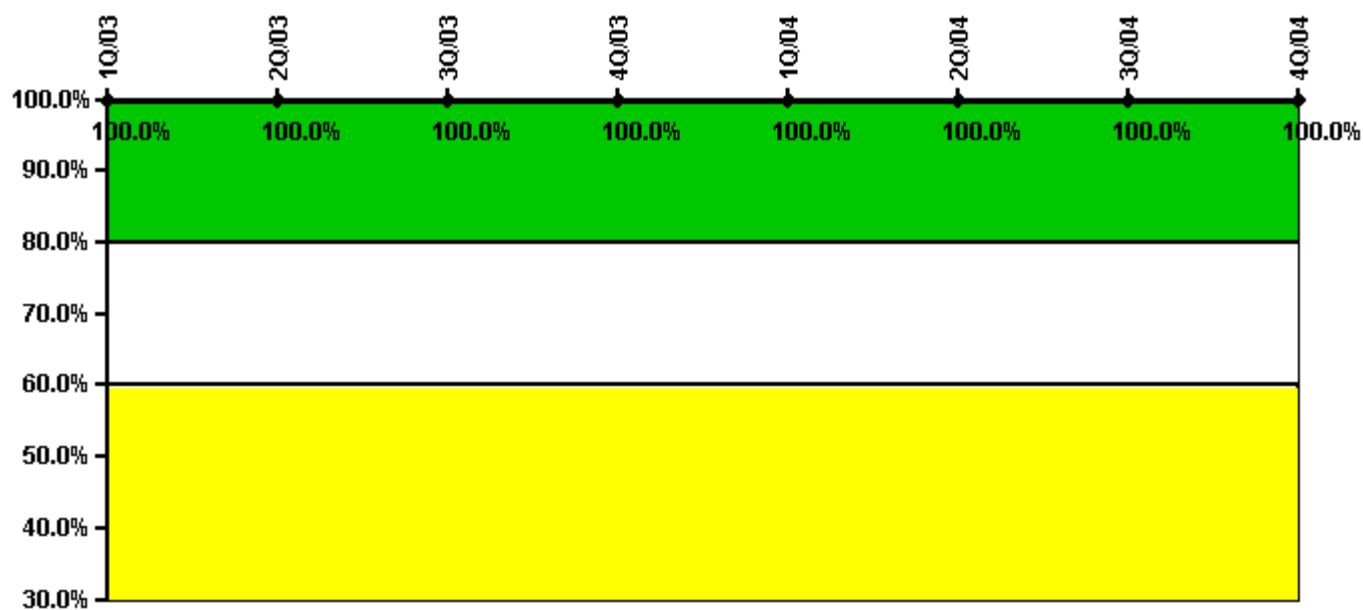
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Successful opportunities	87.0	48.0	80.0	67.0	50.0	47.0	60.0	28.0
Total opportunities	89.0	50.0	83.0	70.0	51.0	49.0	63.0	28.0
Indicator value	95.2%	95.8%	95.8%	95.9%	96.3%	96.4%	96.3%	96.7%

Licensee Comments: none

ERO Drill Participation



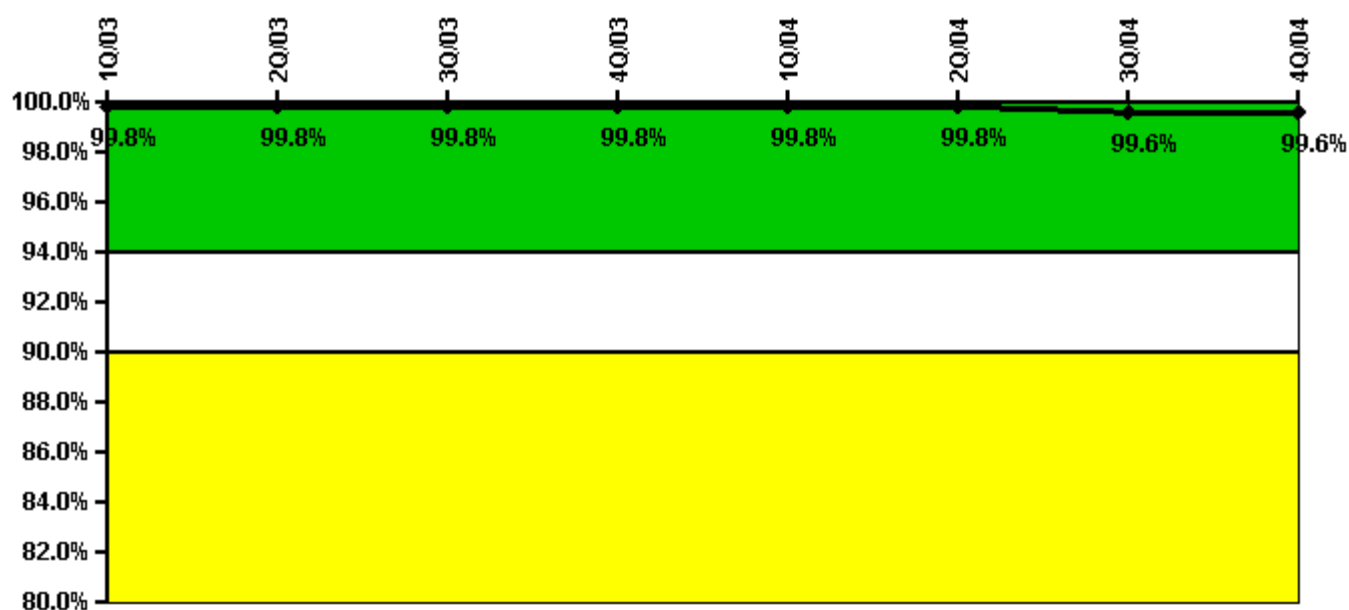
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Participating Key personnel	82.0	84.0	81.0	74.0	77.0	85.0	86.0	86.0
Total Key personnel	82.0	84.0	81.0	74.0	77.0	85.0	86.0	86.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



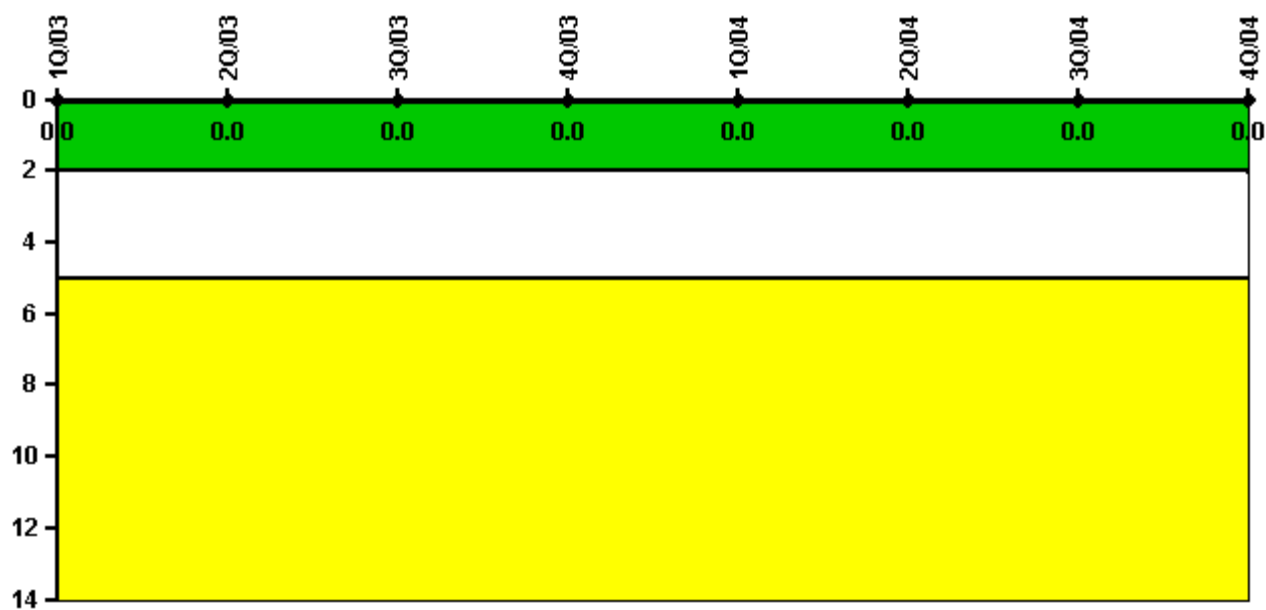
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Successful siren-tests	709	533	710	533	712	622	616	621
Total sirens-tests	711	534	712	534	712	623	623	623
Indicator value	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.6%	99.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness



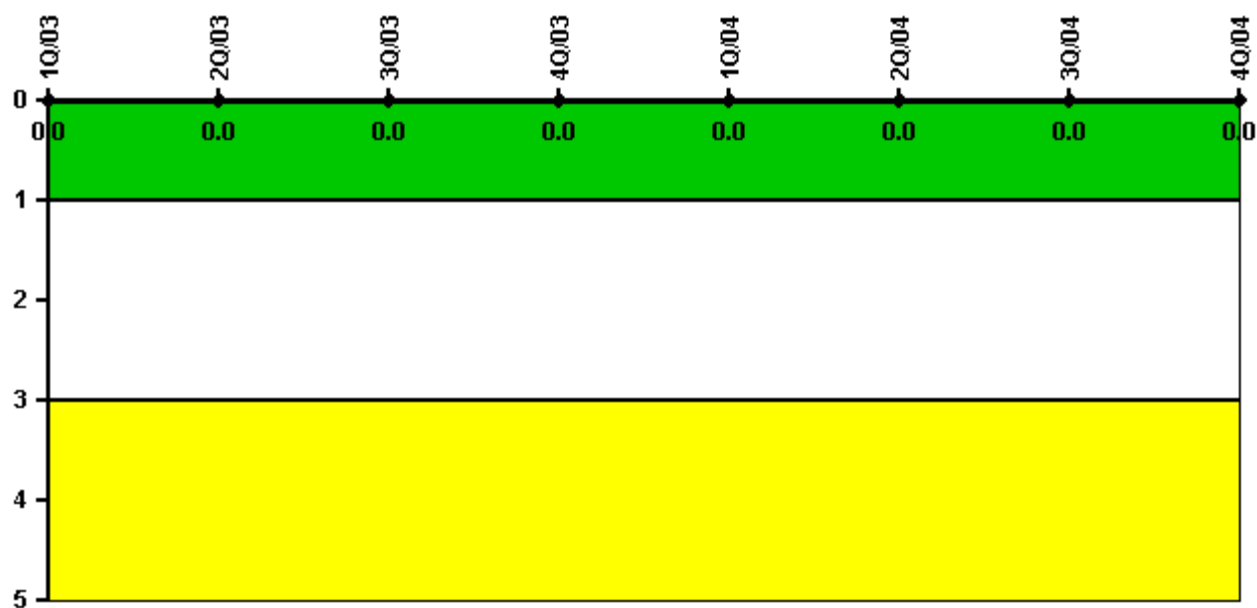
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
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	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
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.

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

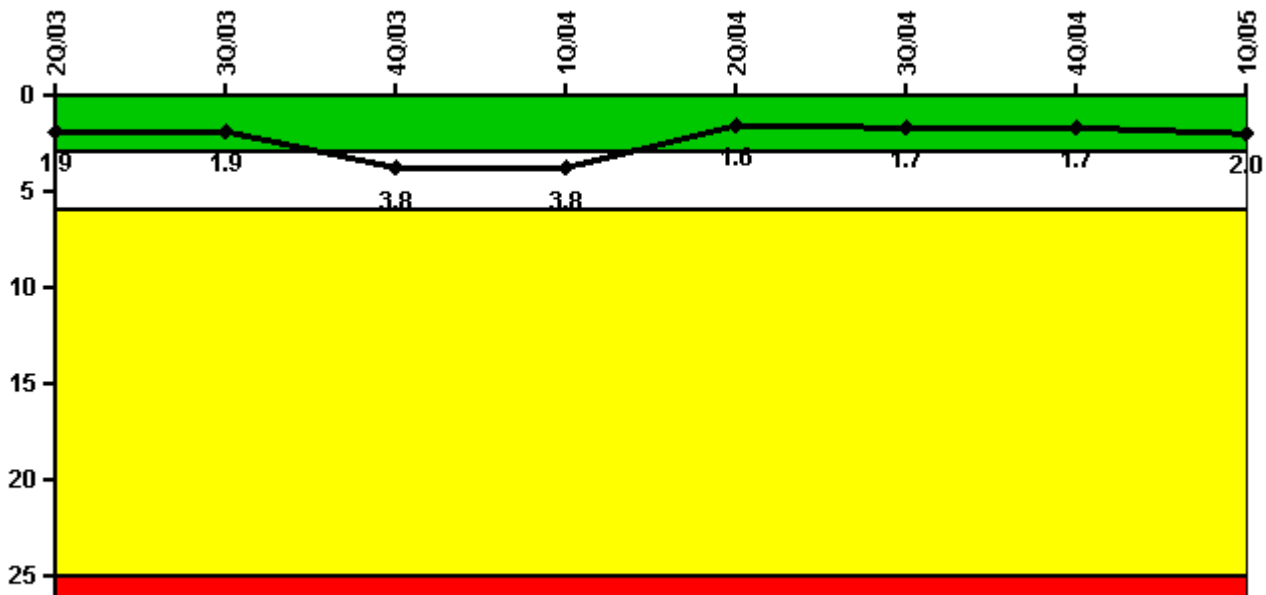
Last Modified: March 9, 2005

Saint Lucie 2

1Q/2005 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



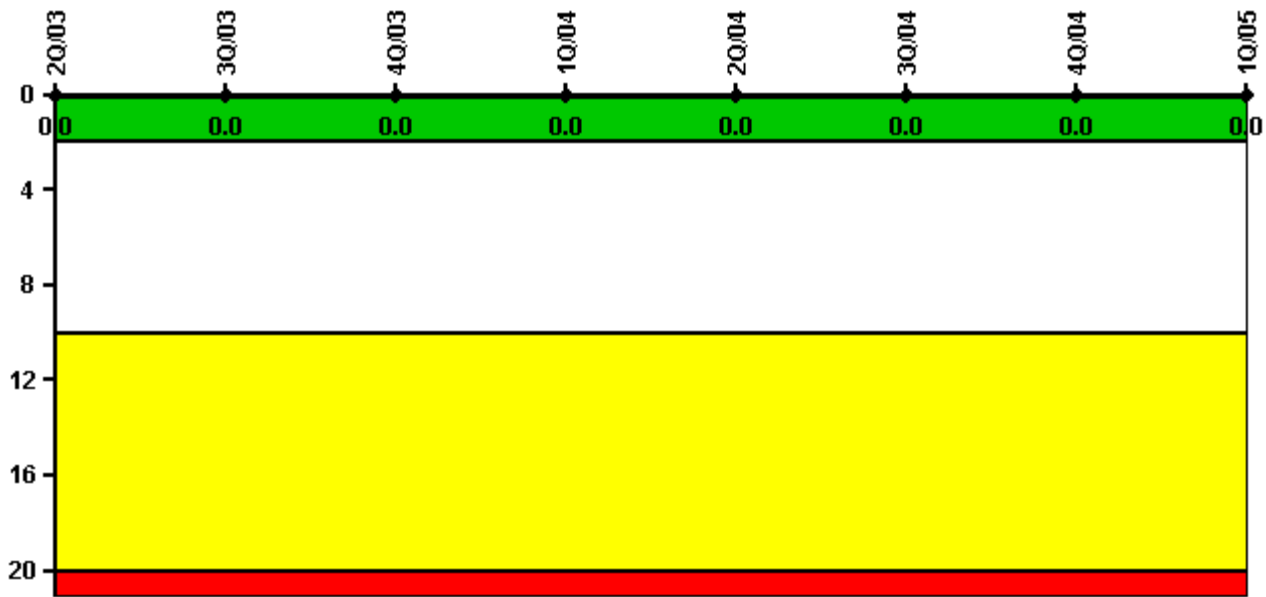
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Unplanned scrams	2.0	0	2.0	0	0	0	2.0	0
Critical hours	841.2	2208.0	2068.8	2184.0	2183.0	1750.1	1984.6	1181.7
Indicator value	1.9	1.9	3.8	3.8	1.6	1.7	1.7	2.0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



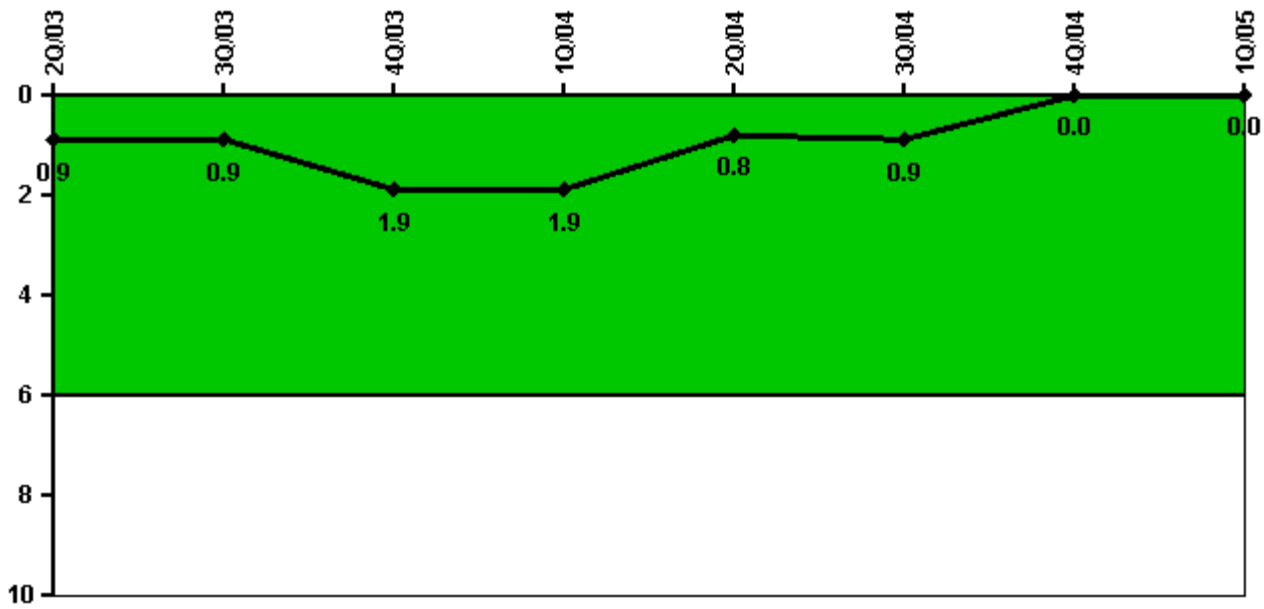
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
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



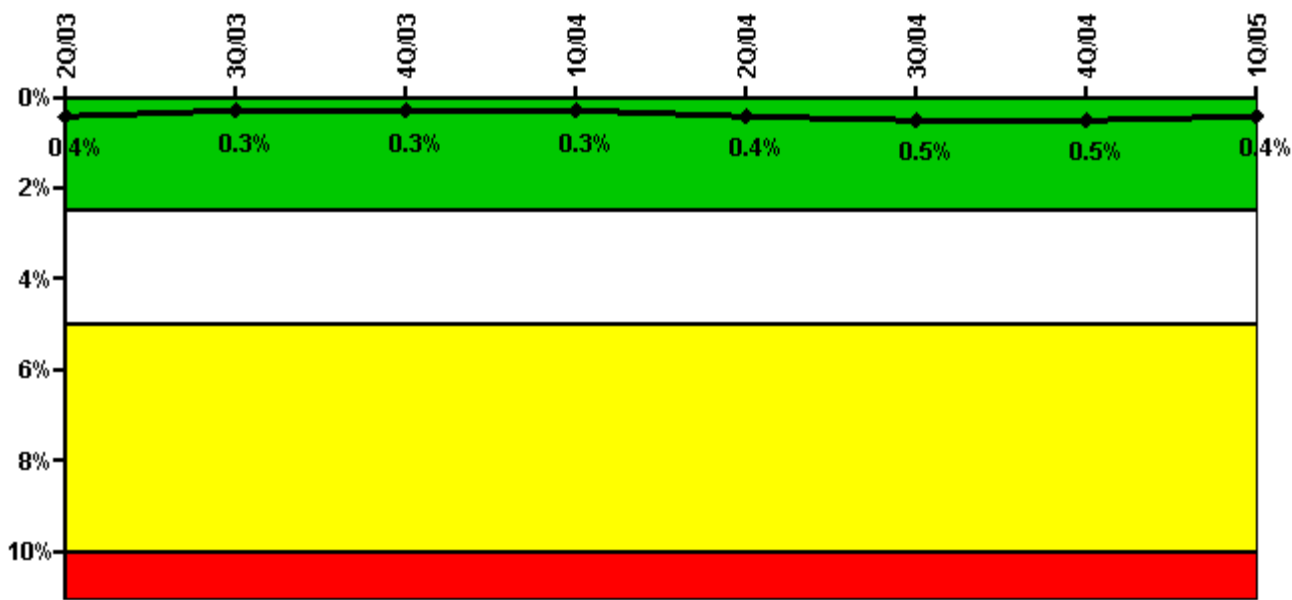
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Unplanned power changes	1.0	0	1.0	0	0	0	0	0
Critical hours	841.2	2208.0	2068.8	2184.0	2183.0	1750.1	1984.6	1181.7
Indicator value	0.9	0.9	1.9	1.9	0.8	0.9	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



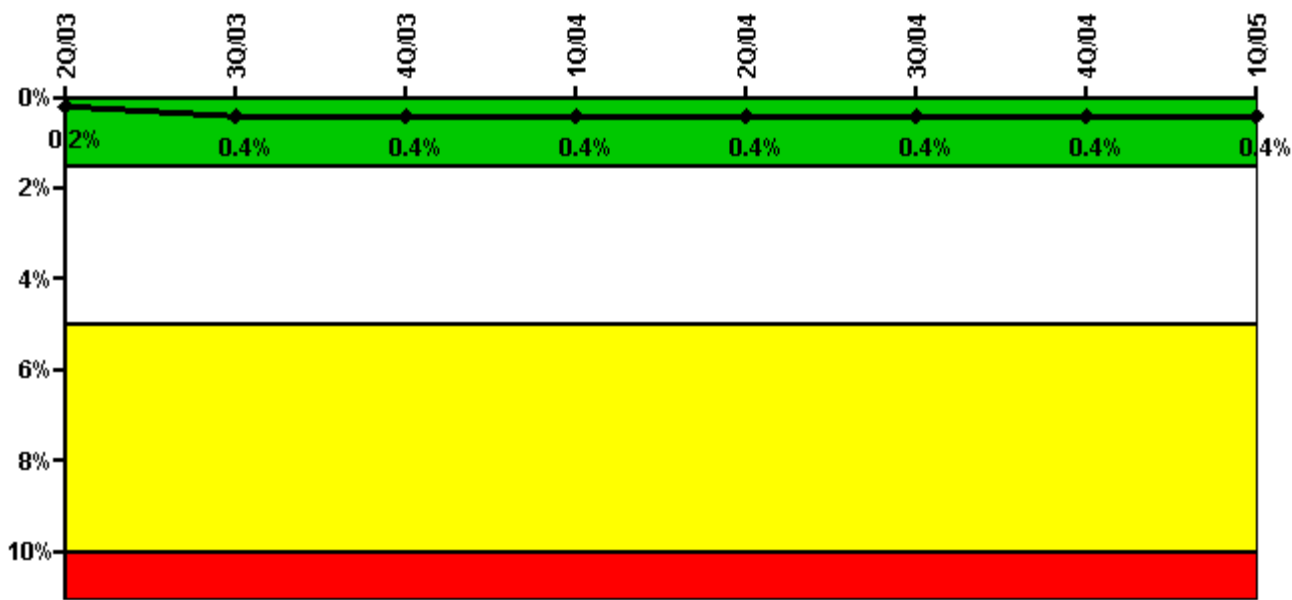
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	3.90	6.50	6.01	6.80	6.30	10.00	5.70	3.60
Unplanned unavailable hours	0	0	0	0	38.30	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1697.20	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	1758.00
Train 2								
Planned unavailable hours	4.30	7.20	7.27	7.50	5.60	6.60	9.20	4.50
Unplanned unavailable hours	0	8.20	0	6.20	8.80	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1697.20	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	1758.00
Indicator value	0.4%	0.3%	0.3%	0.3%	0.4%	0.5%	0.5%	0.4%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



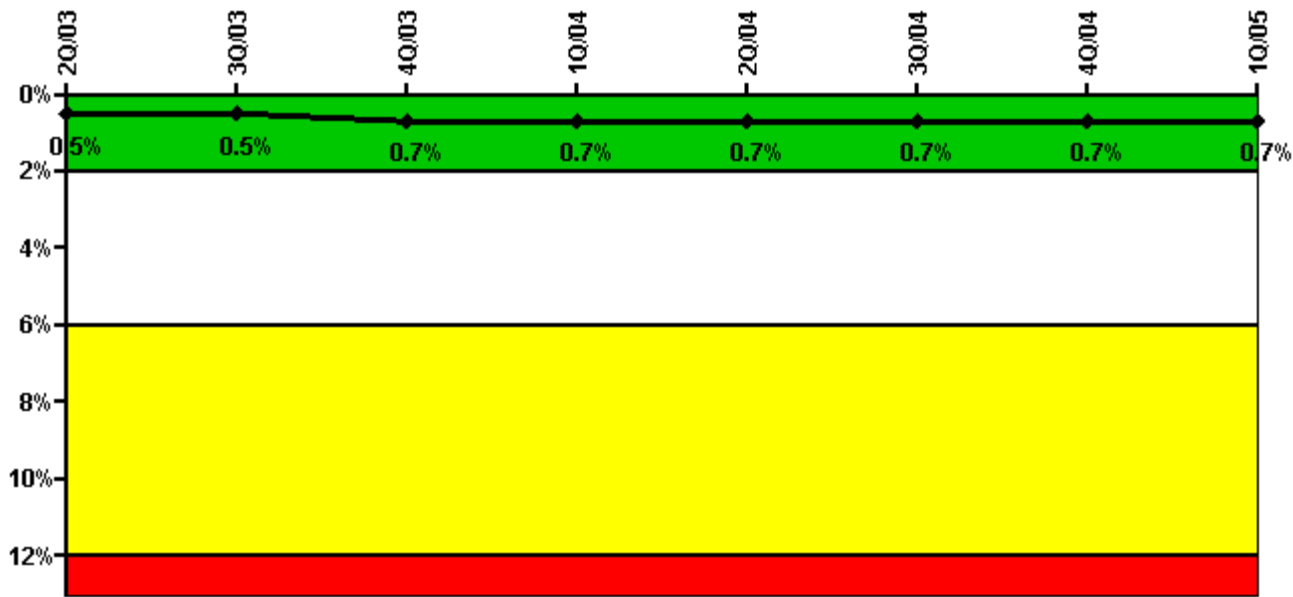
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	6.10	29.40	0.60	0.40	0.40	0.60	21.40	0.10
Unplanned unavailable hours	0	23.30	0	0	0	0	2.30	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1132.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	1356.20
Train 2								
Planned unavailable hours	2.40	32.80	0.30	0.40	3.00	2.30	28.80	0.90
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1132.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	1356.20
Indicator value	0.2%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

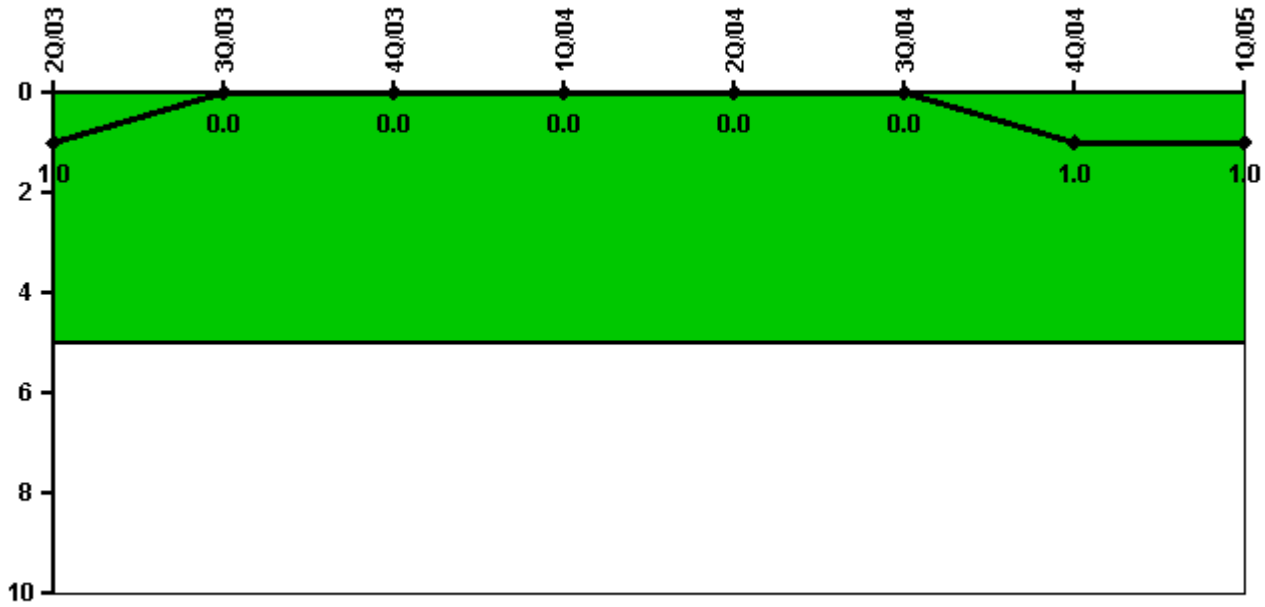
Notes

Safety System Unavailability, Heat Removal System (AFW)	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	2.40	1.50	12.50	3.20	13.60	5.60	6.50	2.90
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1180.90	2208.00	2209.00	2184.00	2183.00	1882.00	2149.00	1323.00
Train 2								
Planned unavailable hours	2.30	10.00	1.40	1.80	1.40	14.70	3.00	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1180.90	2208.00	2209.00	2184.00	2183.00	1882.00	2149.00	1323.00
Train 3								
Planned unavailable hours	2.20	7.70	14.60	12.30	8.70	31.50	23.00	11.50
Unplanned unavailable hours	62.70	0	125.40	0	0	9.80	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1180.90	2208.00	2209.00	2184.00	2183.00	1882.00	2149.00	1323.00
Indicator value	0.5%	0.5%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%

Licensee Comments: none

Licensee Comments: none

Safety System Functional Failures (PWR)



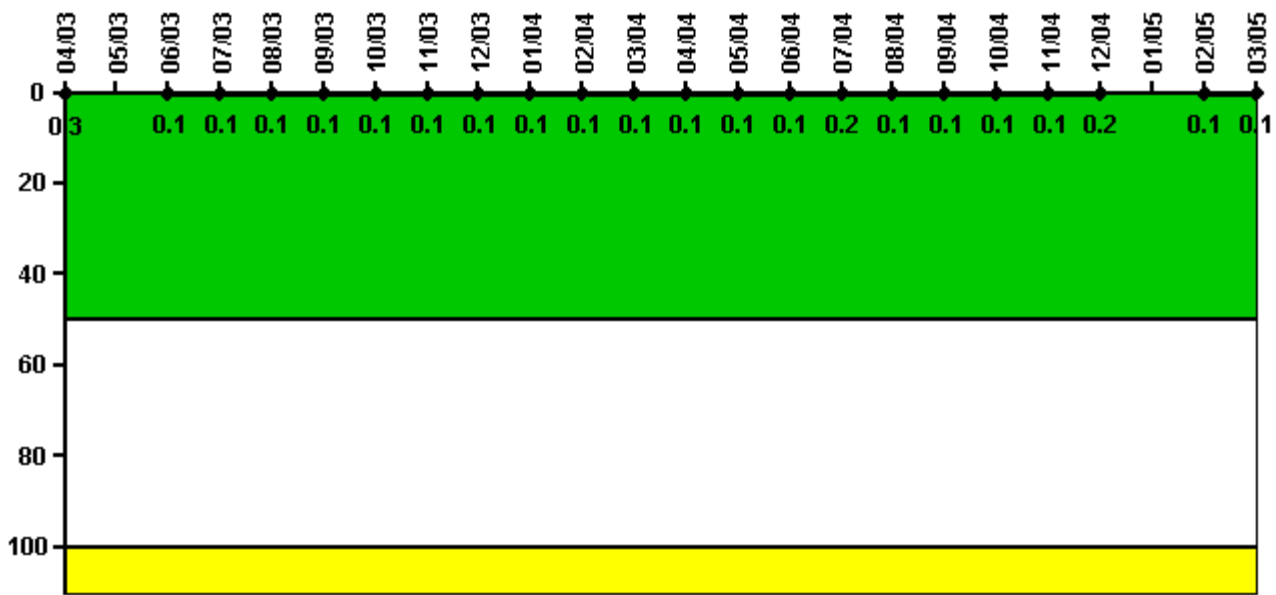
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Safety System Functional Failures	0	0	0	0	0	0	1	0
Indicator value	1	0	0	0	0	0	1	1

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

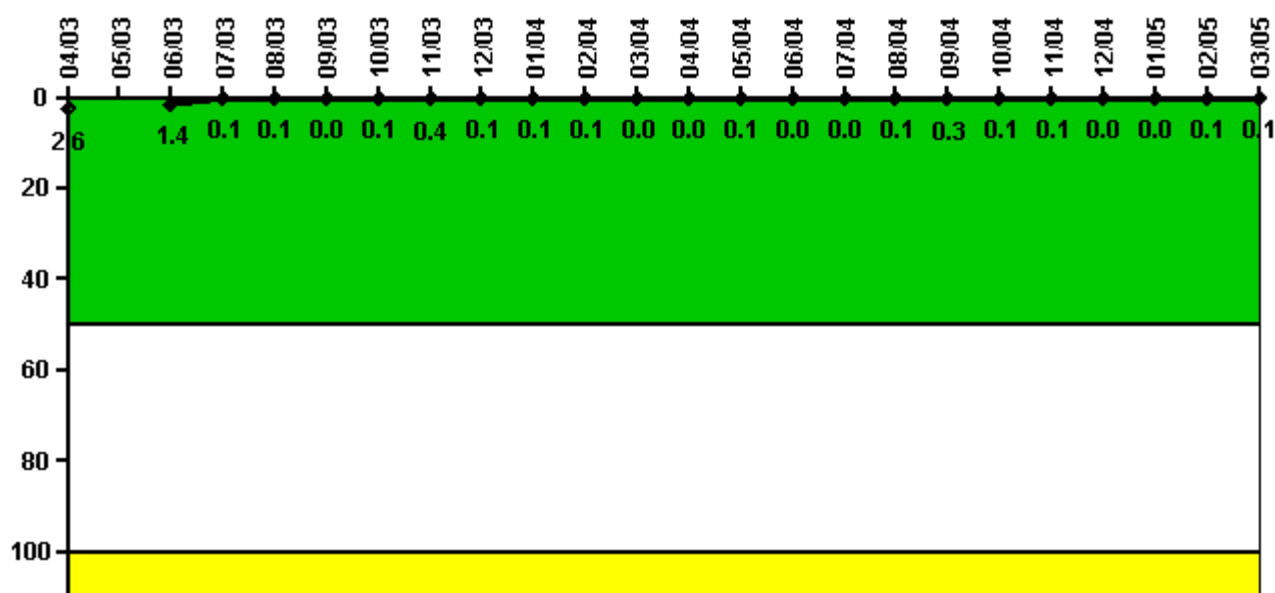
Notes

Reactor Coolant System Activity	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04
Maximum activity	0.003190	N/A	0.000944	0.001140	0.001040	0.001170	0.001200	0.001100	0.001260	0.001110	0.001150	0.001130
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.3	N/A	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Reactor Coolant System Activity	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05
Maximum activity	0.001300	0.001440	0.001350	0.001770	0.001140	0.001010	0.001150	0.001150	0.002140	N/A	0.000735	0.001230
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.2	N/A	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



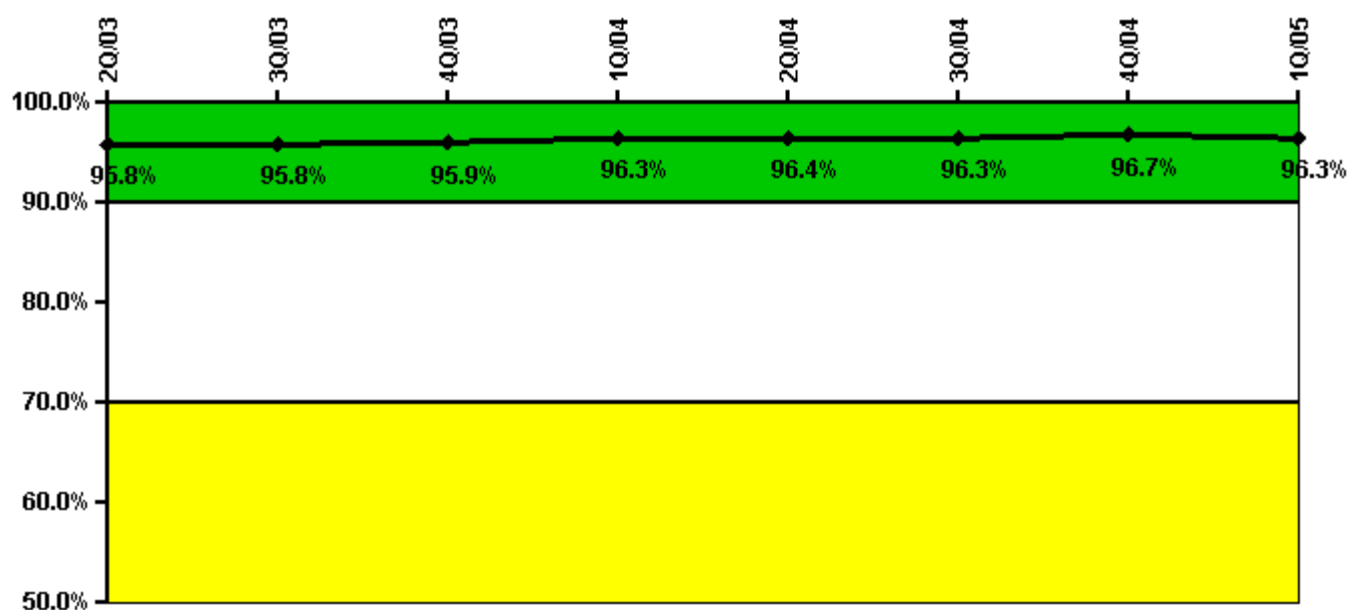
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04
Maximum leakage	0.260	N/A	0.135	0.007	0.010	0.004	0.005	0.039	0.010	0.010	0.010	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.6	N/A	1.4	0.1	0.1	0	0.1	0.4	0.1	0.1	0.1	0
Reactor Coolant System Leakage	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05
Maximum leakage	0	0.010	0	0.003	0.008	0.030	0.010	0.010	0	0	0.010	0.010
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0.1	0	0	0.1	0.3	0.1	0.1	0	0	0.1	0.1

Licensee Comments: none

Drill/Exercise Performance



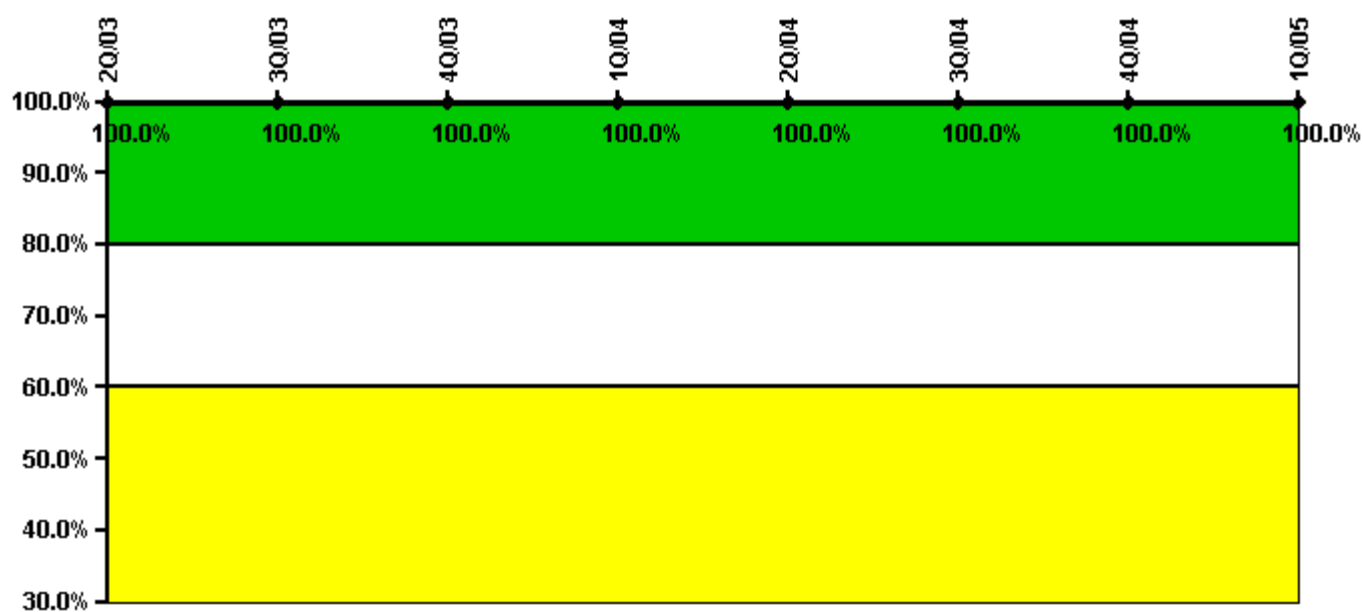
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Successful opportunities	48.0	80.0	67.0	50.0	47.0	60.0	28.0	39.0
Total opportunities	50.0	83.0	70.0	51.0	49.0	63.0	28.0	41.0
Indicator value	95.8%	95.8%	95.9%	96.3%	96.4%	96.3%	96.7%	96.3%

Licensee Comments: none

ERO Drill Participation



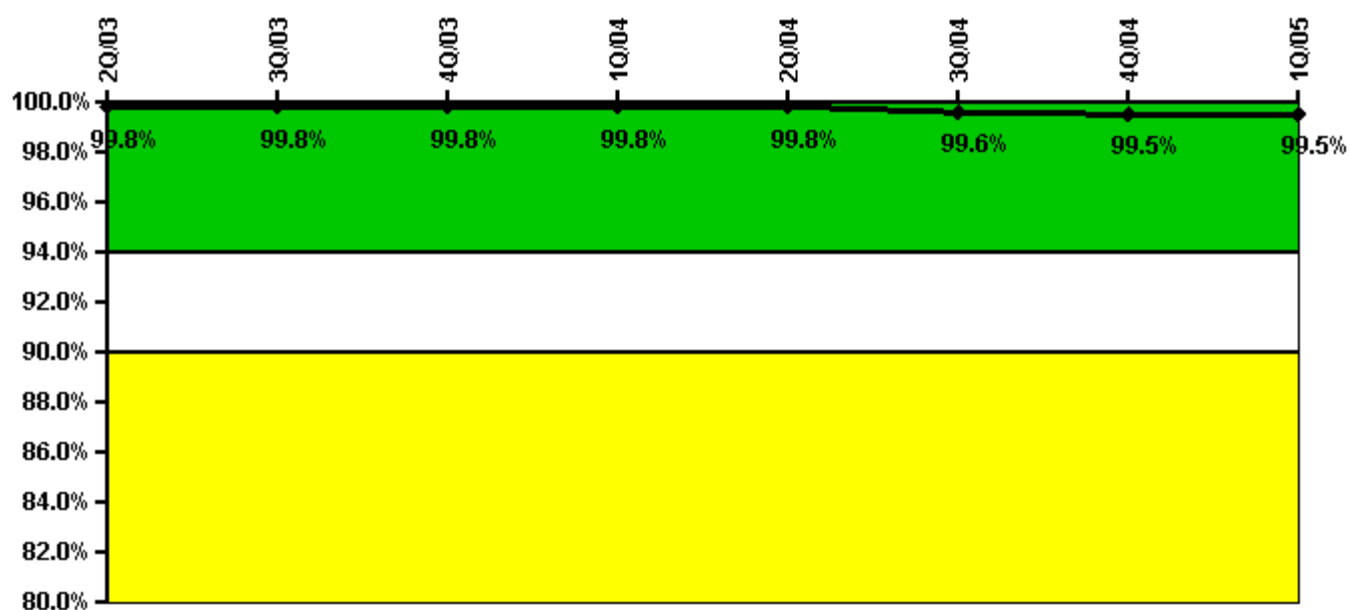
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Participating Key personnel	84.0	81.0	74.0	77.0	85.0	86.0	86.0	89.0
Total Key personnel	84.0	81.0	74.0	77.0	85.0	86.0	86.0	89.0
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%

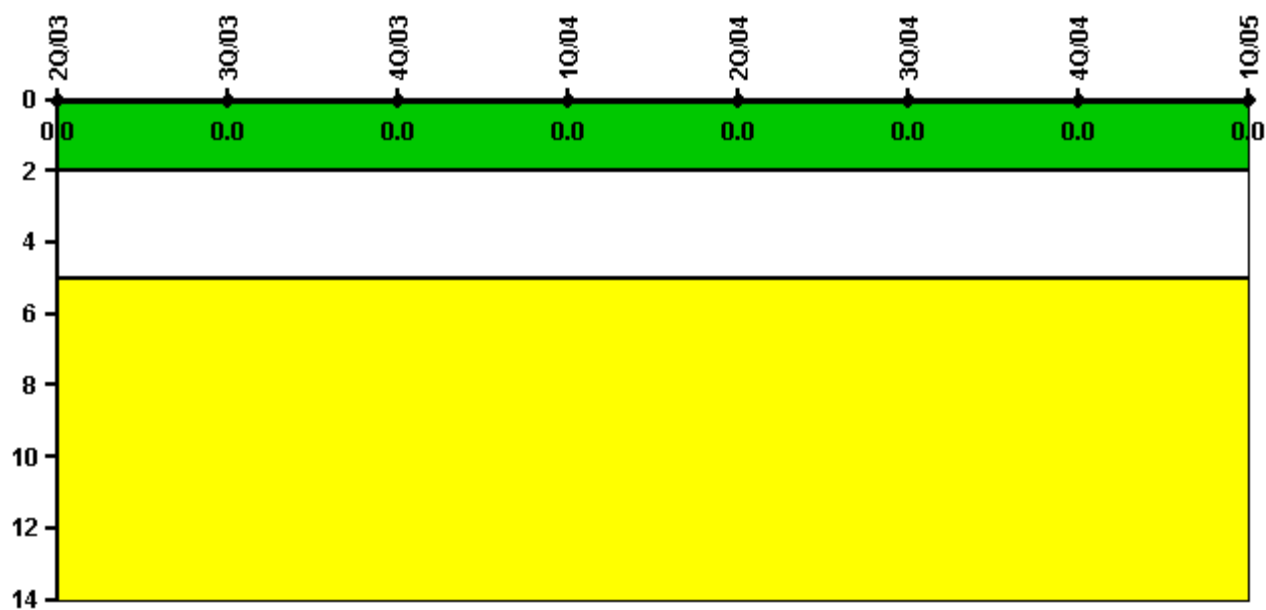
Notes

Alert & Notification System	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Successful siren-tests	533	710	533	712	622	614	621	712
Total sirens-tests	534	712	534	712	623	623	623	712
Indicator value	99.8%	99.8%	99.8%	99.8%	99.8%	99.6%	99.5%	99.5%

Licensee Comments:

3Q/04: Minor correction made to the September value for successful siren tests. The value decreased from 172 to 170.

Occupational Exposure Control Effectiveness

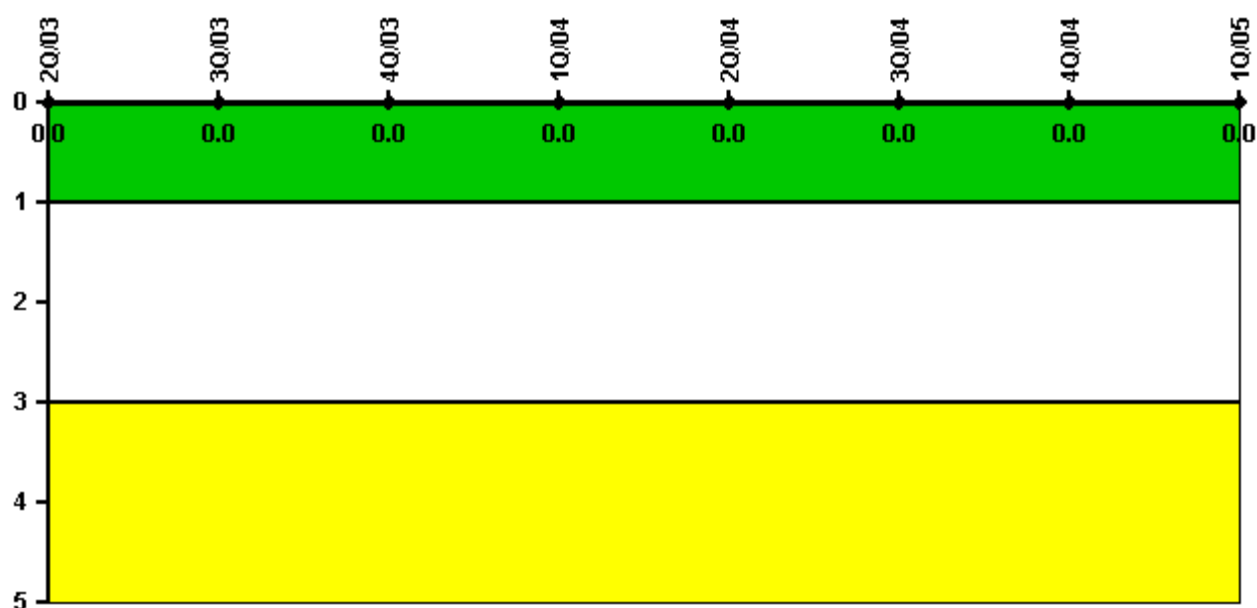


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
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/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
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.

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

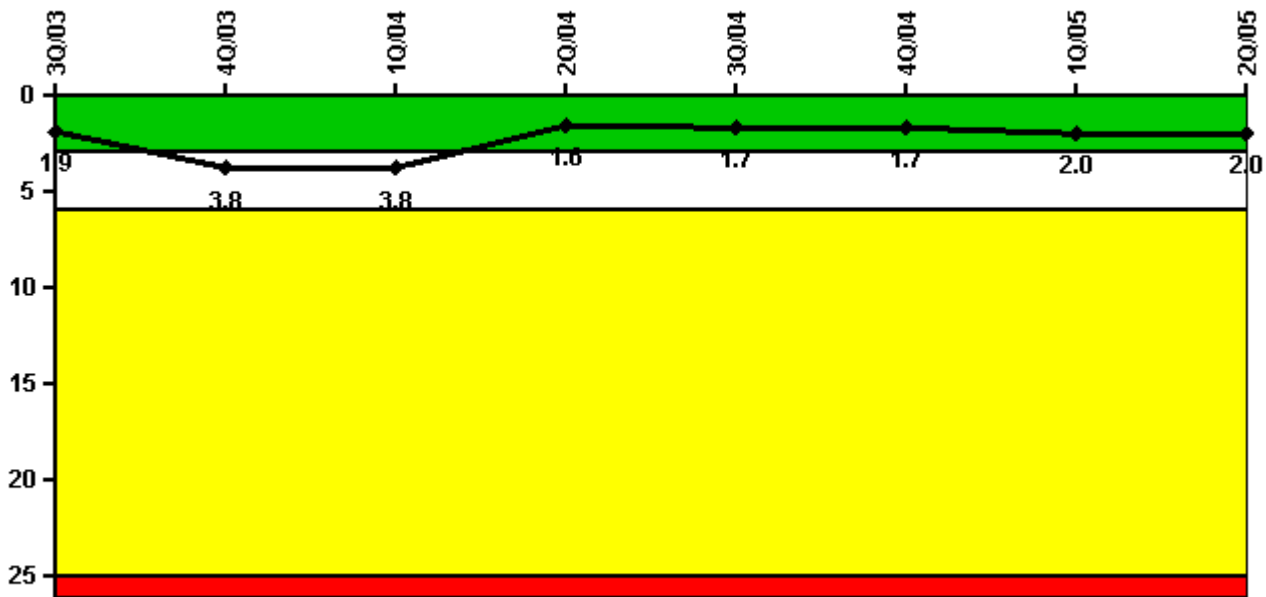
Last Modified: June 17, 2005

Saint Lucie 2

2Q/2005 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



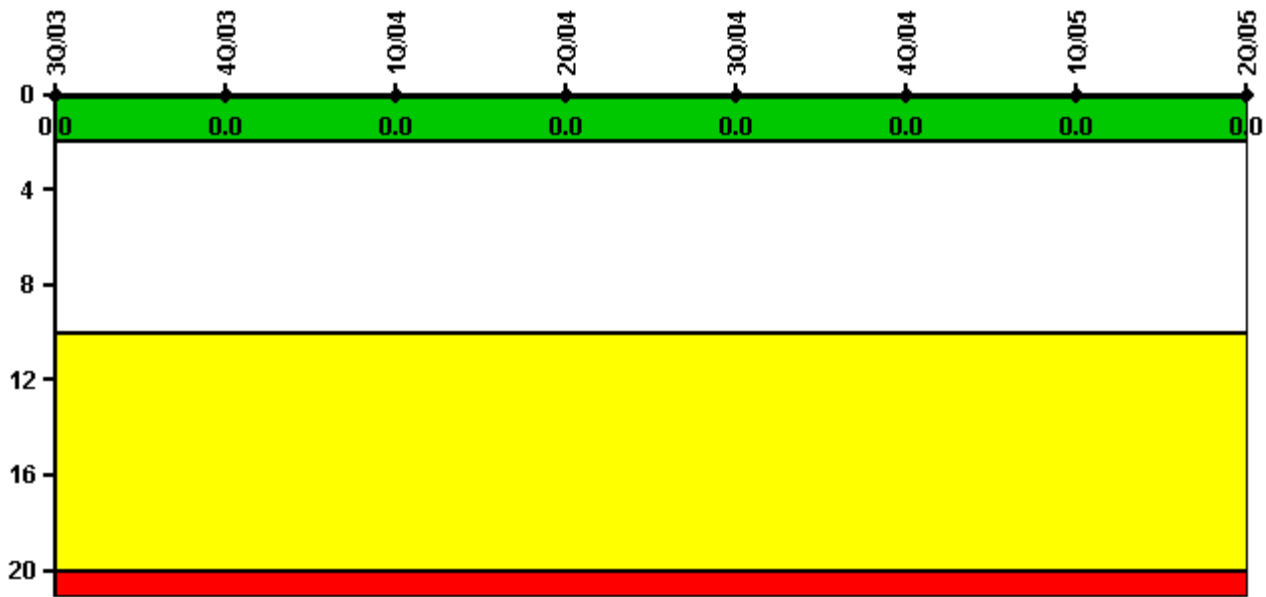
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Unplanned scrams	0	2.0	0	0	0	2.0	0	0
Critical hours	2208.0	2068.8	2184.0	2183.0	1750.1	1984.6	1181.7	2183.0
Indicator value	1.9	3.8	3.8	1.6	1.7	1.7	2.0	2.0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



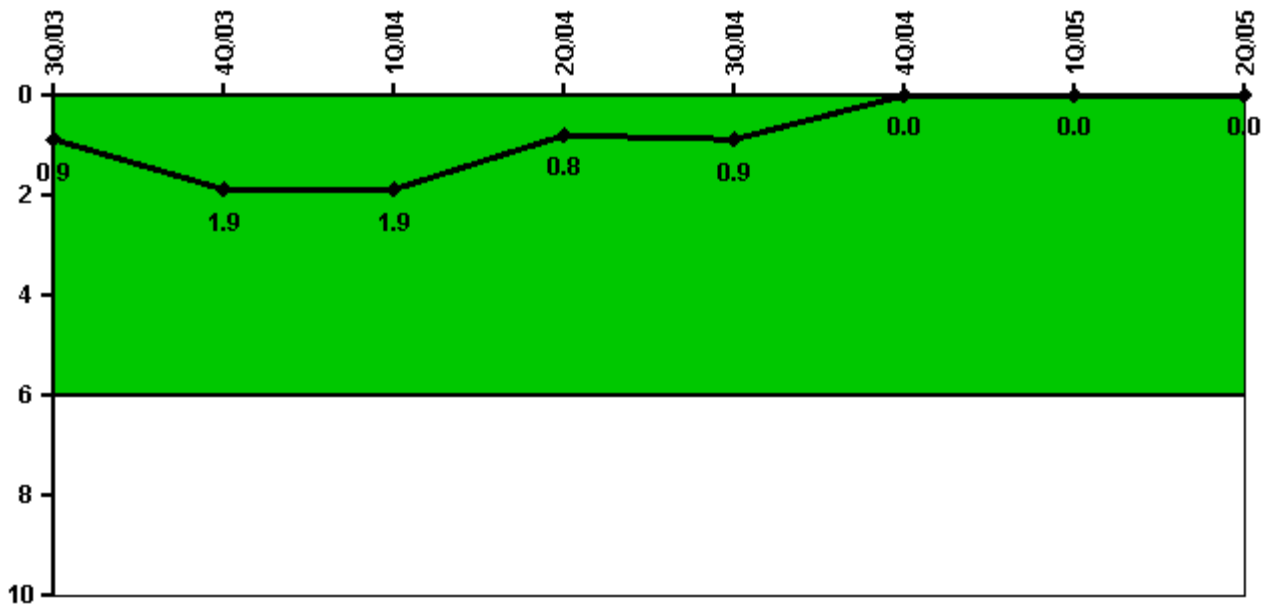
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
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



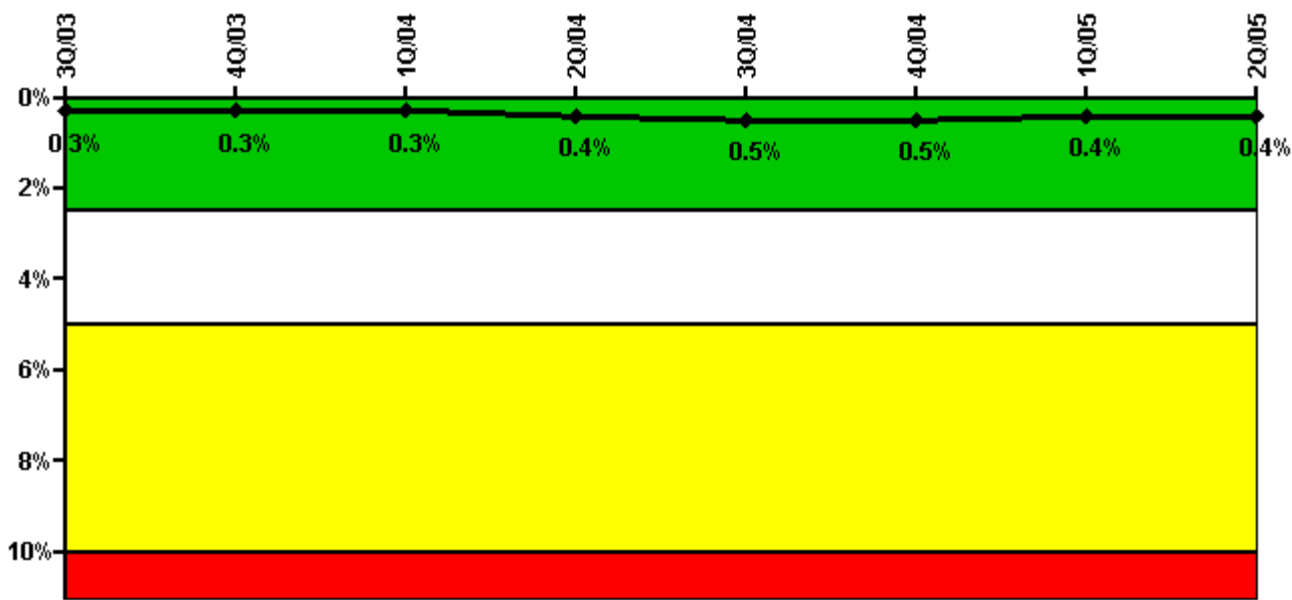
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Unplanned power changes	0	1.0	0	0	0	0	0	0
Critical hours	2208.0	2068.8	2184.0	2183.0	1750.1	1984.6	1181.7	2183.0
Indicator value	0.9	1.9	1.9	0.8	0.9	0	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



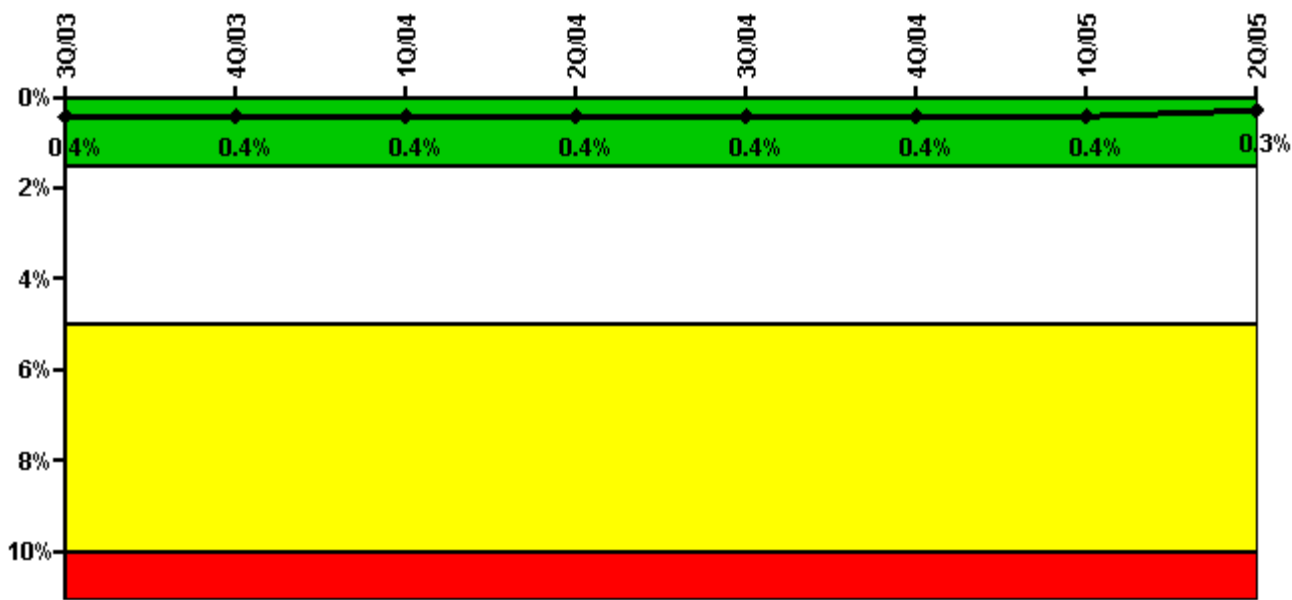
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	6.50	6.01	6.80	6.30	10.00	5.70	3.60	7.80
Unplanned unavailable hours	0	0	0	38.30	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	1758.00	2183.00
Train 2								
Planned unavailable hours	7.20	7.27	7.50	5.60	6.60	9.20	4.50	8.40
Unplanned unavailable hours	8.20	0	6.20	8.80	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	1758.00	2183.00
Indicator value	0.3%	0.3%	0.3%	0.4%	0.5%	0.5%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



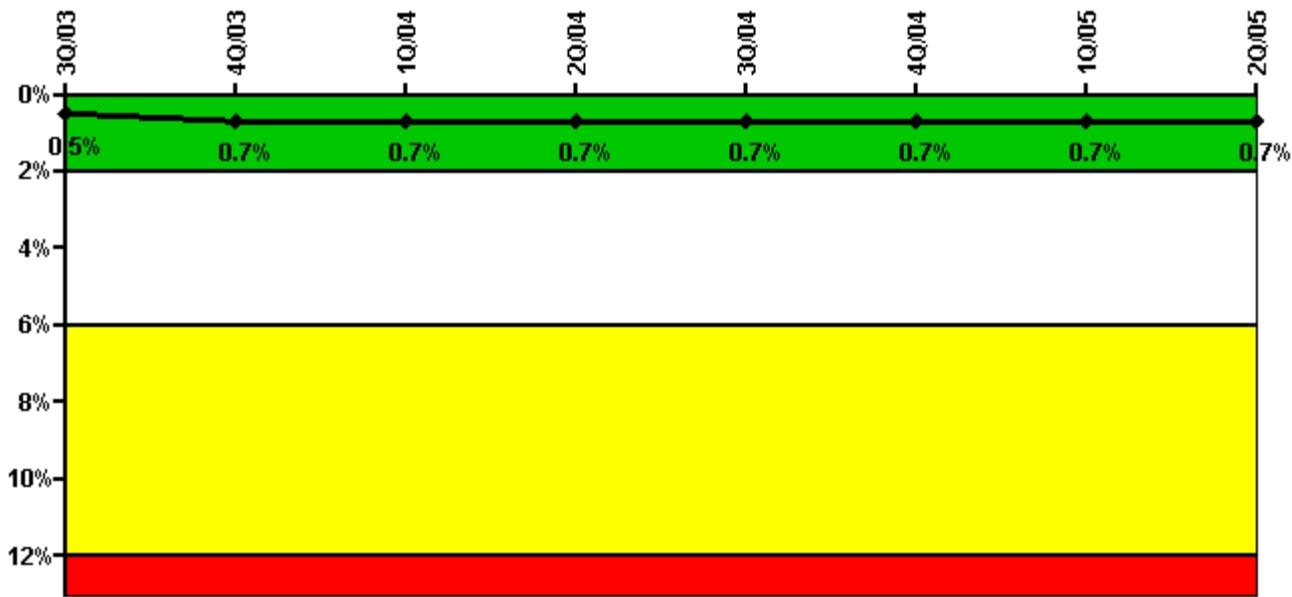
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	29.40	0.60	0.40	0.40	0.60	21.40	0.10	0.60
Unplanned unavailable hours	23.30	0	0	0	0	2.30	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	1356.20	2183.00
Train 2								
Planned unavailable hours	32.80	0.30	0.40	3.00	2.30	28.80	0.90	0.30
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	1356.20	2183.00
Indicator value	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.3%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



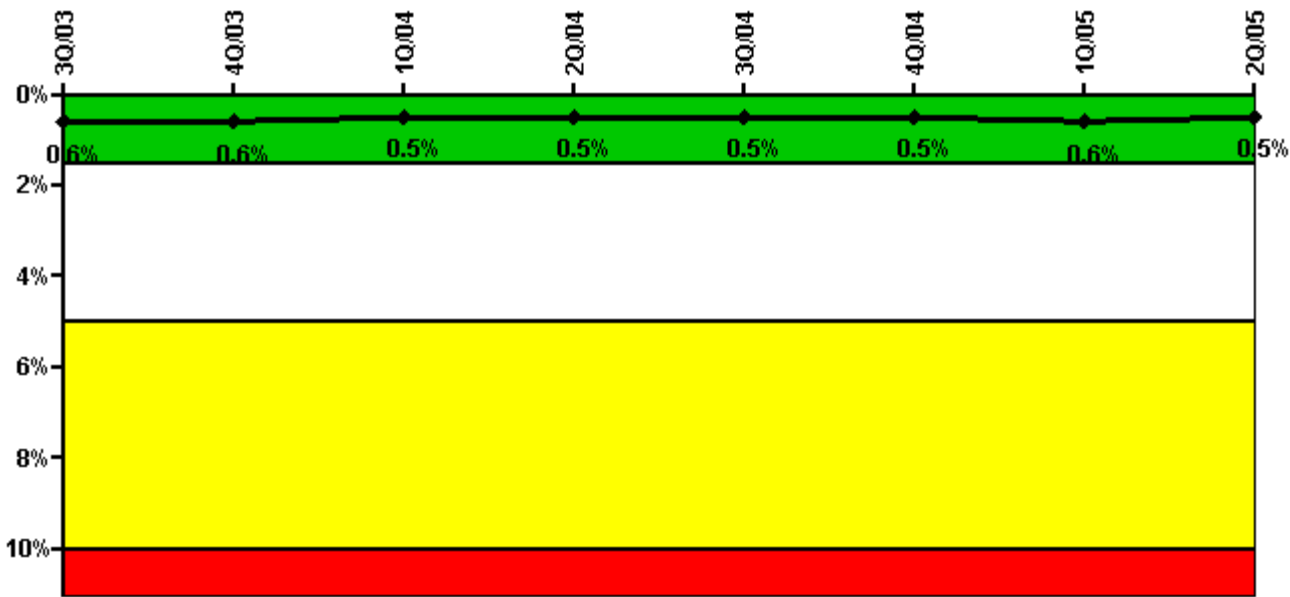
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	1.50	12.50	3.20	13.60	5.60	6.50	2.90	3.50
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	1882.00	2149.00	1323.00	2183.00
Train 2								
Planned unavailable hours	10.00	1.40	1.80	1.40	14.70	3.00	0	2.90
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	1882.00	2149.00	1323.00	2183.00
Train 3								
Planned unavailable hours	7.70	14.60	12.30	8.70	31.50	23.00	11.50	4.60
Unplanned unavailable hours	0	125.40	0	0	9.80	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	1882.00	2149.00	1323.00	2183.00
Indicator value	0.5%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

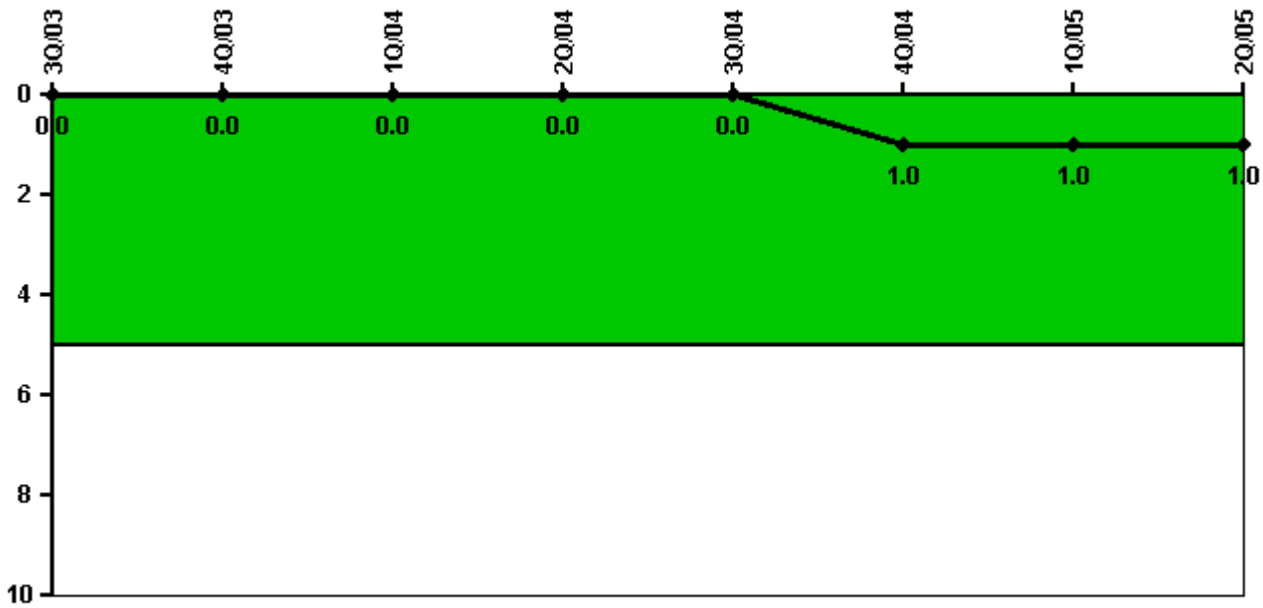
Notes

Safety System Unavailability, Residual Heat Removal System	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	34.70	12.10	8.30	0.40	1.90	75.10	11.90	3.40
Unplanned unavailable hours	23.30	0	0	10.50	30.90	10.80	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	1822.10	2144.60	1268.50	2183.00
Train 2								
Planned unavailable hours	45.50	6.10	2.00	9.40	5.20	64.60	14.00	3.90
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	1822.10	2144.60	1268.50	2183.00
Train 3								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	0	0	0	325.90	60.50	688.00	0
Train 4								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	0	0	0	325.90	60.50	688.00	0
Indicator value	0.6%	0.6%	0.5%	0.5%	0.5%	0.5%	0.6%	0.5%

Licensee Comments:

1Q/04: January Planned Unavailability Hours corrected to remove support system CCW heat exchanger eddy current testing hours per FAQ 340 approved 5/2003.

Safety System Functional Failures (PWR)



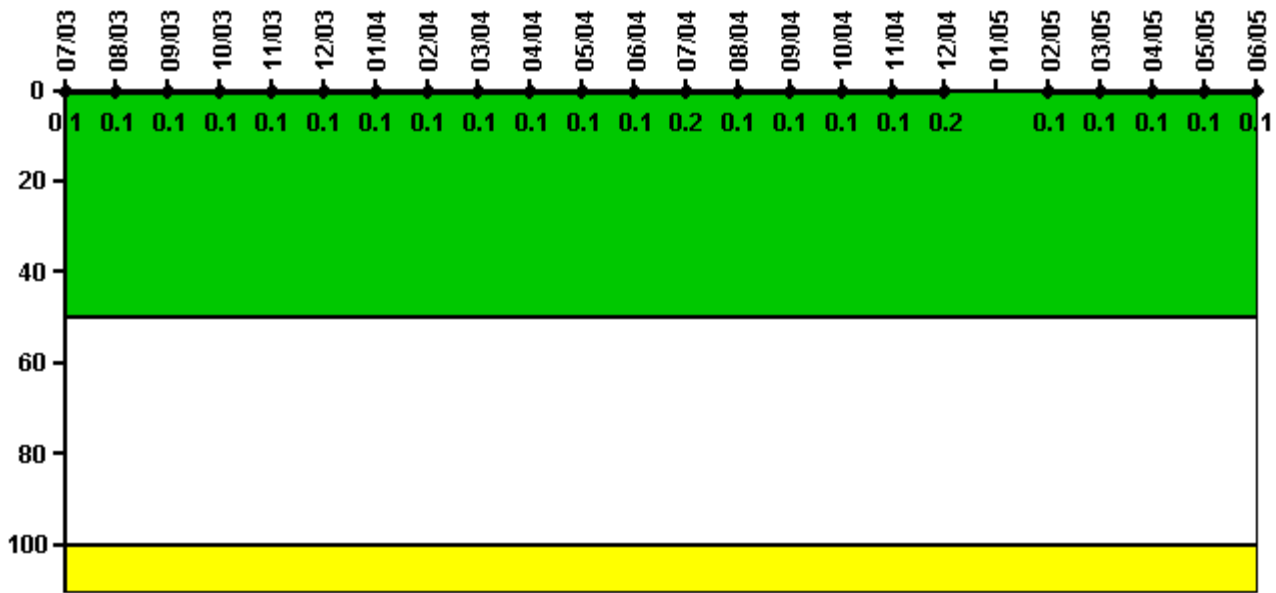
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Safety System Functional Failures	0	0	0	0	0	1	0	0
Indicator value	0	0	0	0	0	1	1	1

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

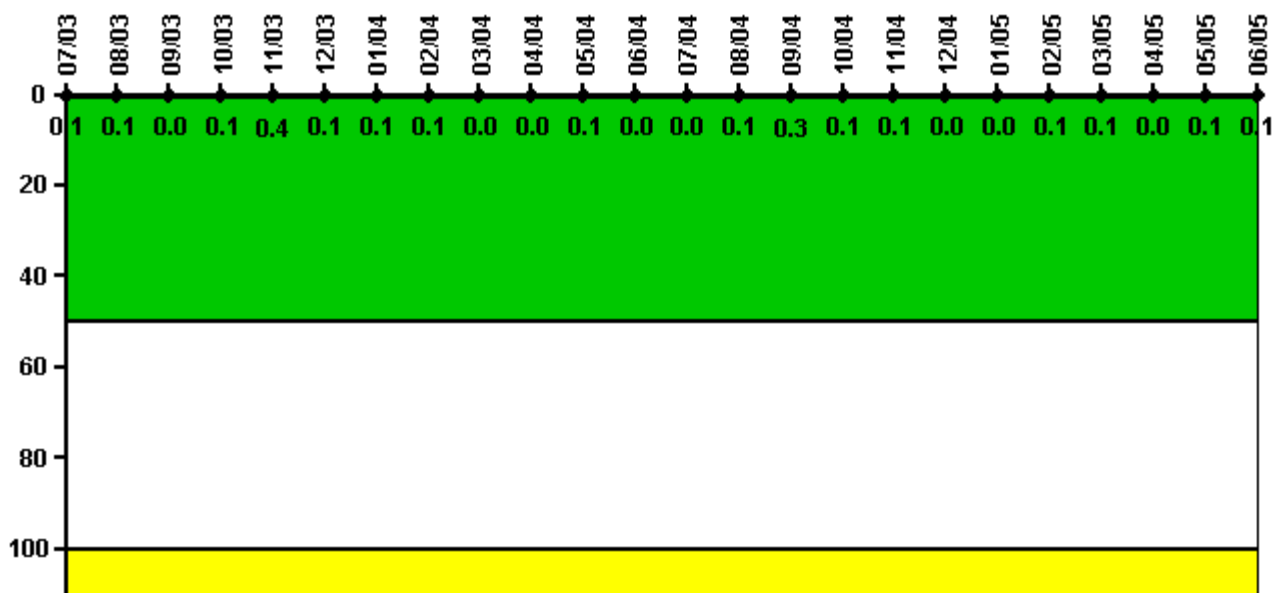
Notes

Reactor Coolant System Activity	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04
Maximum activity	0.001140	0.001040	0.001170	0.001200	0.001100	0.001260	0.001110	0.001150	0.001130	0.001300	0.001440	0.001350
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
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

Reactor Coolant System Activity	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05
Maximum activity	0.001770	0.001140	0.001010	0.001150	0.001150	0.002140	N/A	0.000735	0.001230	0.000853	0.000853	0.000889
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.2	0.1	0.1	0.1	0.1	0.2	N/A	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage

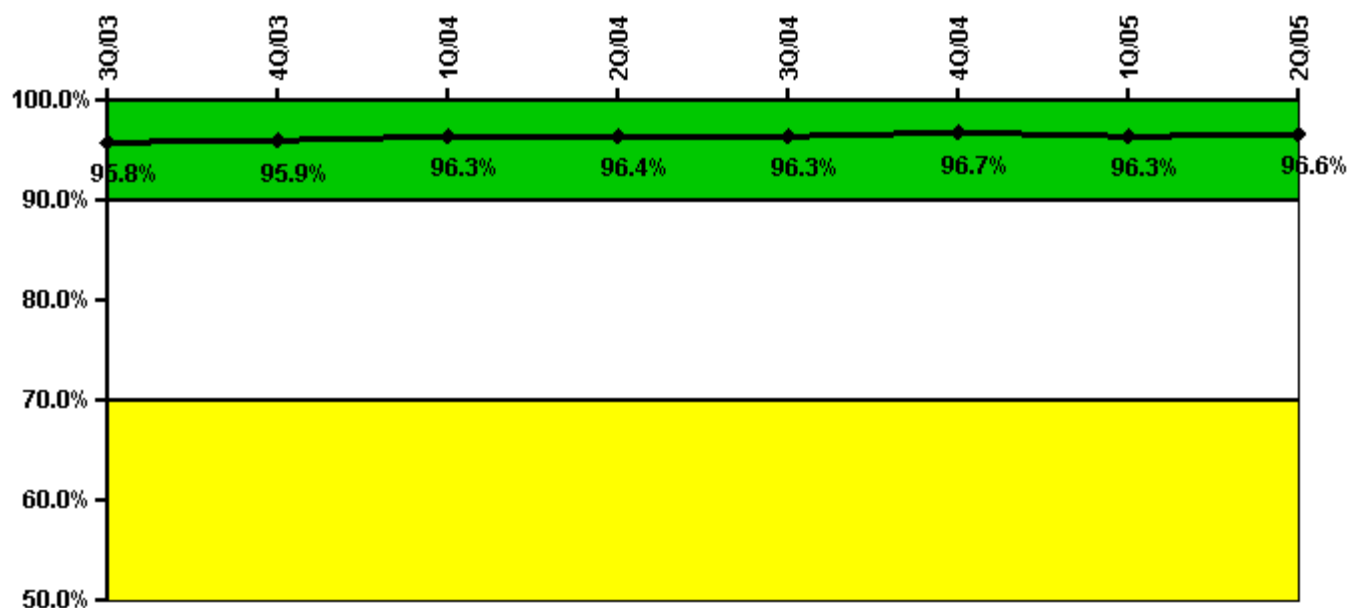


Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04
Maximum leakage	0.007	0.010	0.004	0.005	0.039	0.010	0.010	0.010	0	0	0.010	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.1	0	0.1	0.4	0.1	0.1	0.1	0	0	0.1	0
Reactor Coolant System Leakage	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05
Maximum leakage	0.003	0.008	0.030	0.010	0.010	0	0	0.010	0.010	0	0.010	0.010
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0.1	0.3	0.1	0.1	0	0	0.1	0.1	0	0.1	0.1

Licensee Comments: none

Drill/Exercise Performance

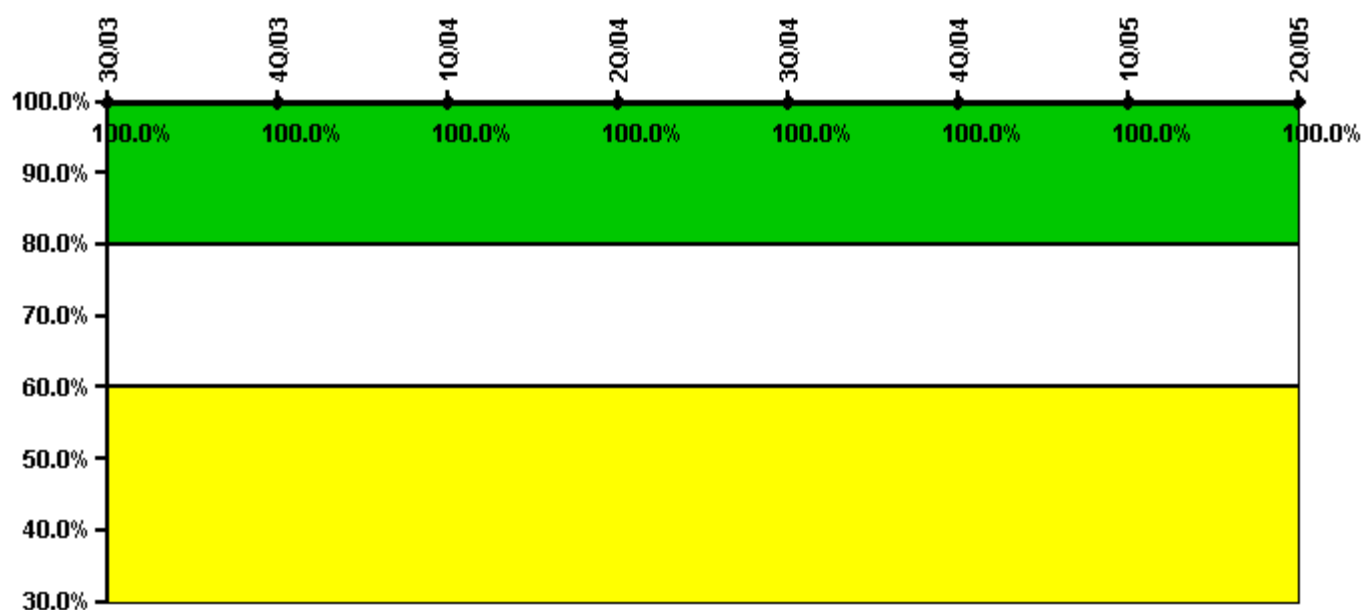
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Successful opportunities	80.0	67.0	50.0	47.0	60.0	28.0	39.0	88.0
Total opportunities	83.0	70.0	51.0	49.0	63.0	28.0	41.0	90.0
Indicator value	95.8%	95.9%	96.3%	96.4%	96.3%	96.7%	96.3%	96.6%

Licensee Comments: none

ERO Drill Participation



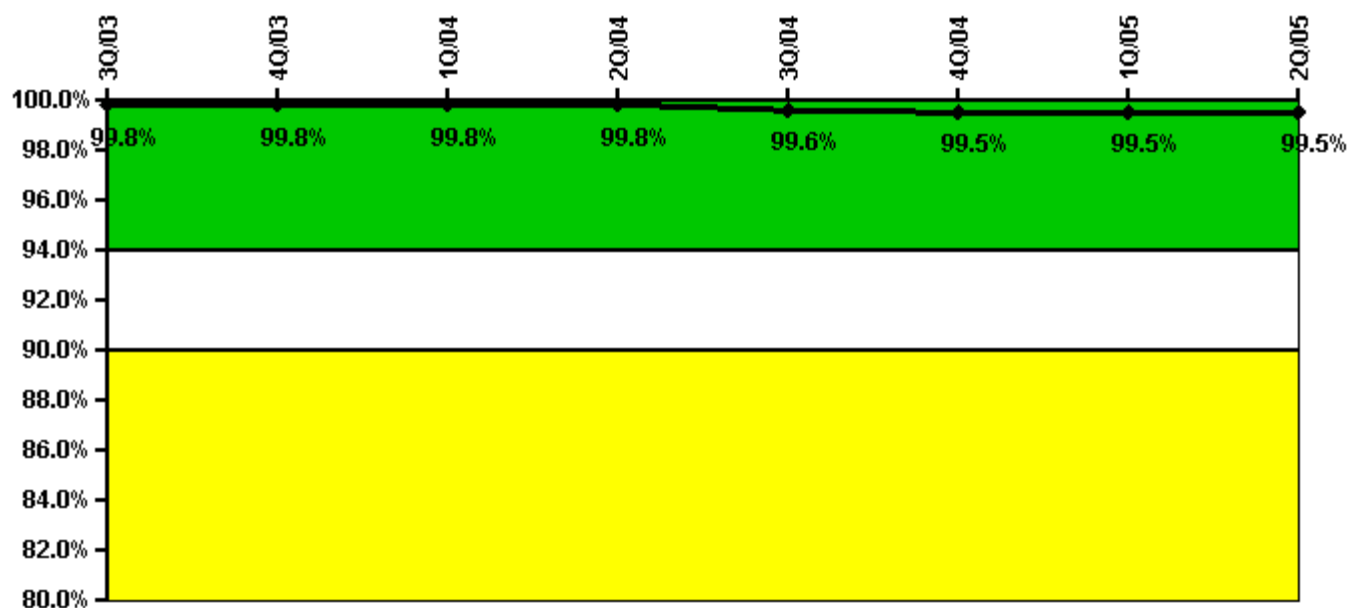
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Participating Key personnel	81.0	74.0	77.0	85.0	86.0	86.0	89.0	87.0
Total Key personnel	81.0	74.0	77.0	85.0	86.0	86.0	89.0	87.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



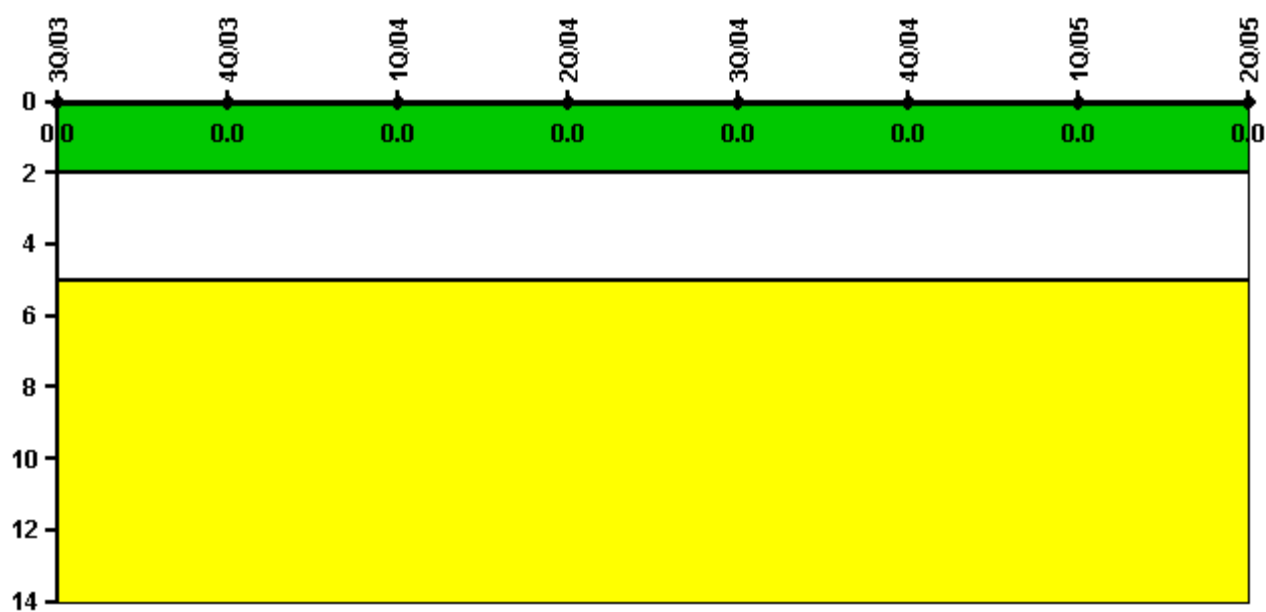
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Successful siren-tests	710	533	712	622	614	621	712	621
Total sirens-tests	712	534	712	623	623	623	712	623
Indicator value	99.8%	99.8%	99.8%	99.8%	99.6%	99.5%	99.5%	99.5%

Licensee Comments: none

Occupational Exposure Control Effectiveness



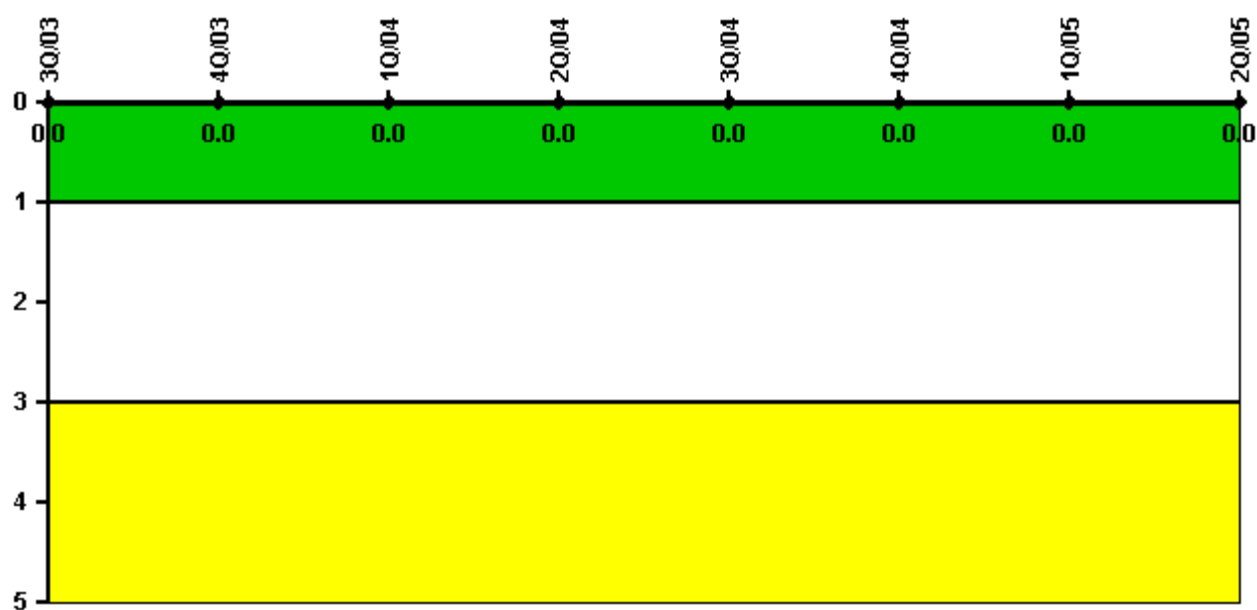
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
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/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
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.

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

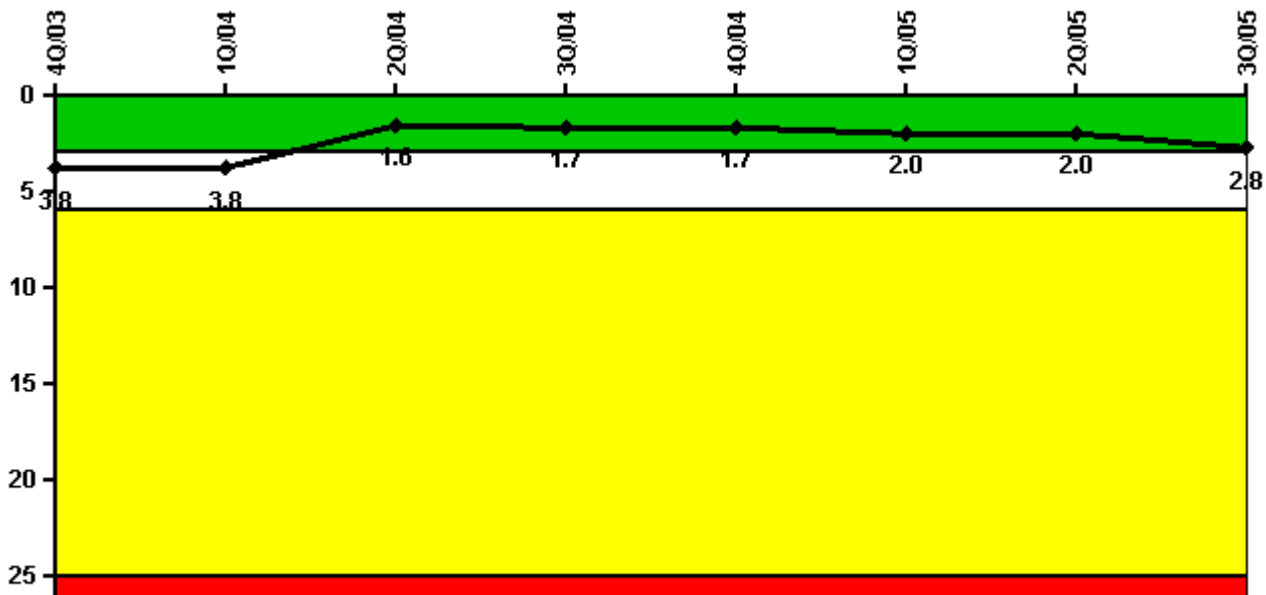
Last Modified: August 3, 2005

Saint Lucie 2

3Q/2005 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



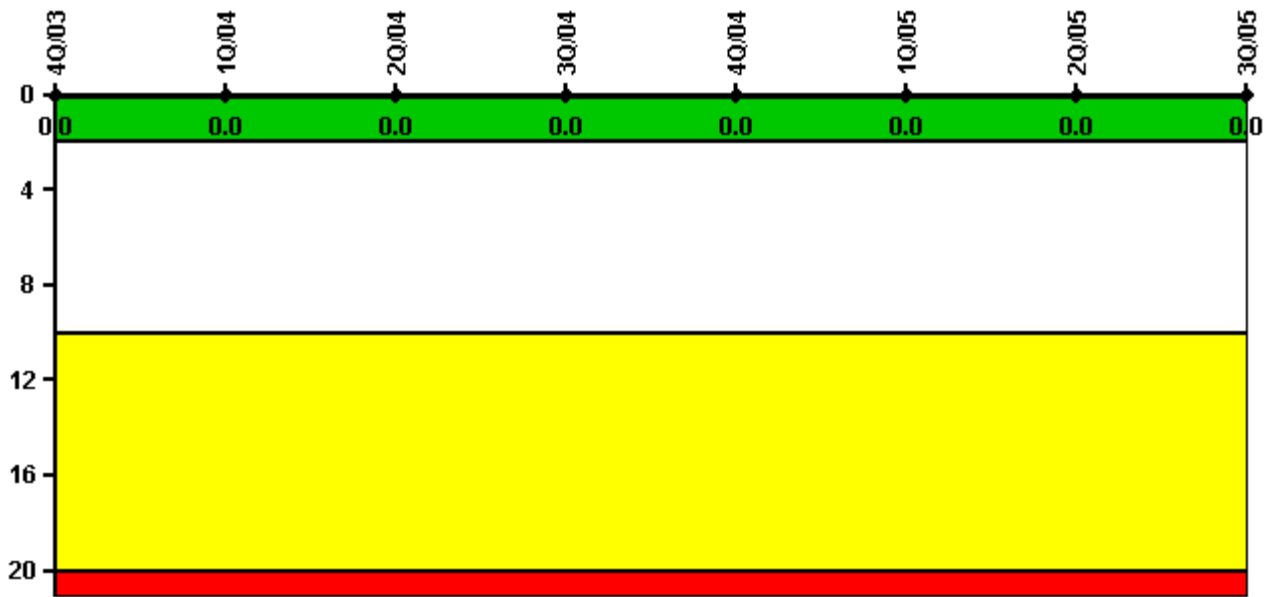
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Unplanned scrams	2.0	0	0	0	2.0	0	0	1.0
Critical hours	2068.8	2184.0	2183.0	1750.1	1984.6	1181.7	2183.0	2185.1
Indicator value	3.8	3.8	1.6	1.7	1.7	2.0	2.0	2.8

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



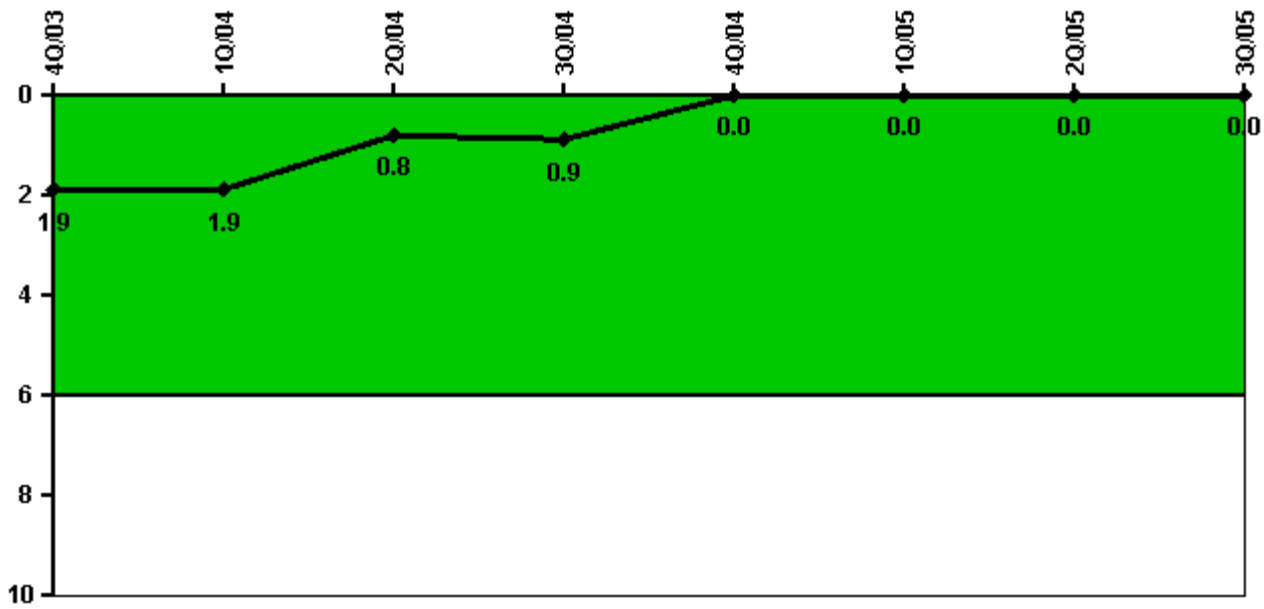
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
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



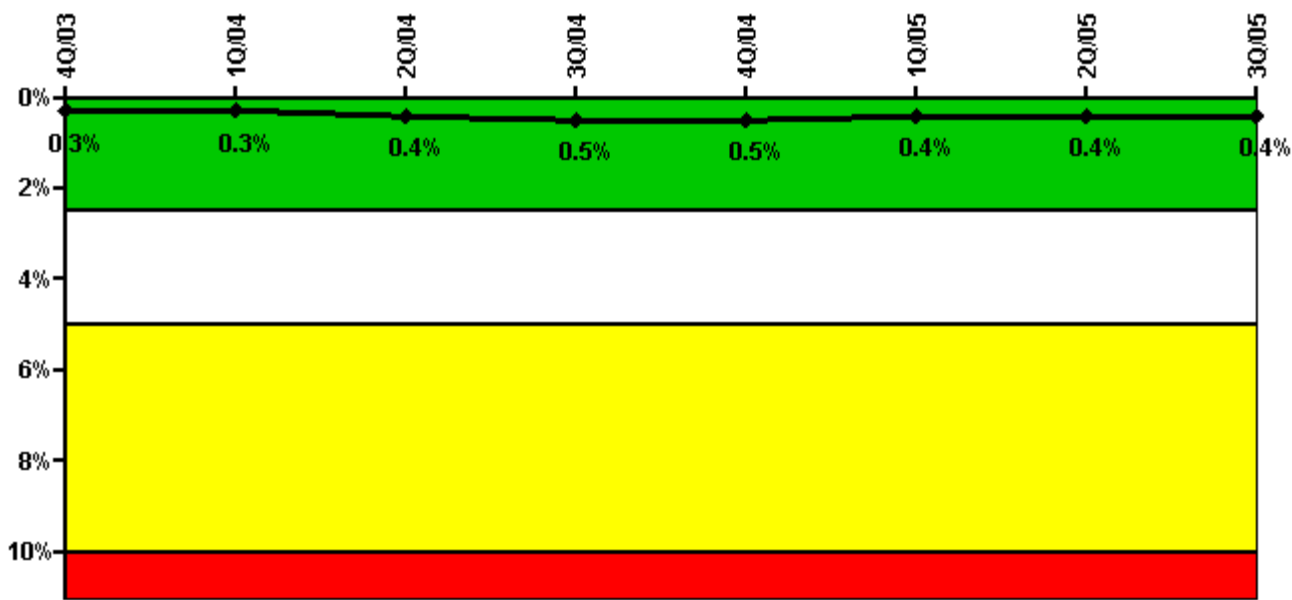
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Unplanned power changes	1.0	0	0	0	0	0	0	0
Critical hours	2068.8	2184.0	2183.0	1750.1	1984.6	1181.7	2183.0	2185.1
Indicator value	1.9	1.9	0.8	0.9	0	0	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



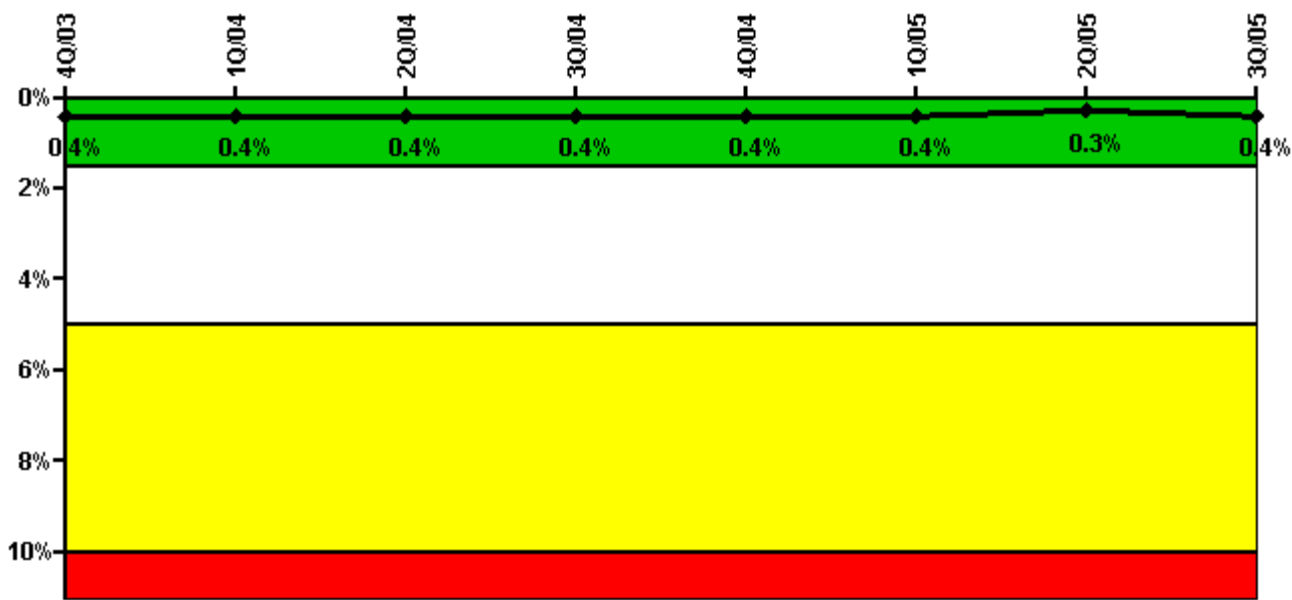
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours	6.01	6.80	6.30	10.00	5.70	3.60	7.80	7.70
Unplanned unavailable hours	0	0	38.30	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	1758.00	2183.00	2208.00
Train 2								
Planned unavailable hours	7.27	7.50	5.60	6.60	9.20	4.50	8.40	8.50
Unplanned unavailable hours	0	6.20	8.80	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	1758.00	2183.00	2208.00
Indicator value	0.3%	0.3%	0.4%	0.5%	0.5%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



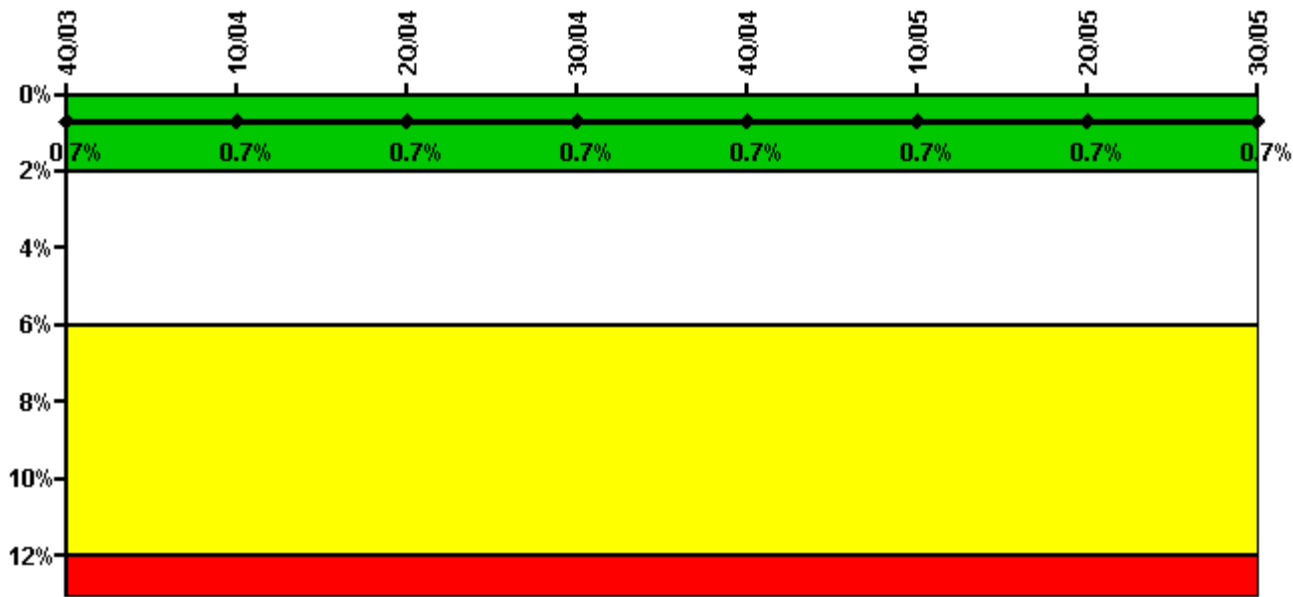
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours	0.60	0.40	0.40	0.60	21.40	0.10	0.60	26.60
Unplanned unavailable hours	0	0	0	0	2.30	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	1356.20	2183.00	2208.00
Train 2								
Planned unavailable hours	0.30	0.40	3.00	2.30	28.80	0.90	0.30	1.20
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	1356.20	2183.00	2208.00
Indicator value	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.3%	0.4%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



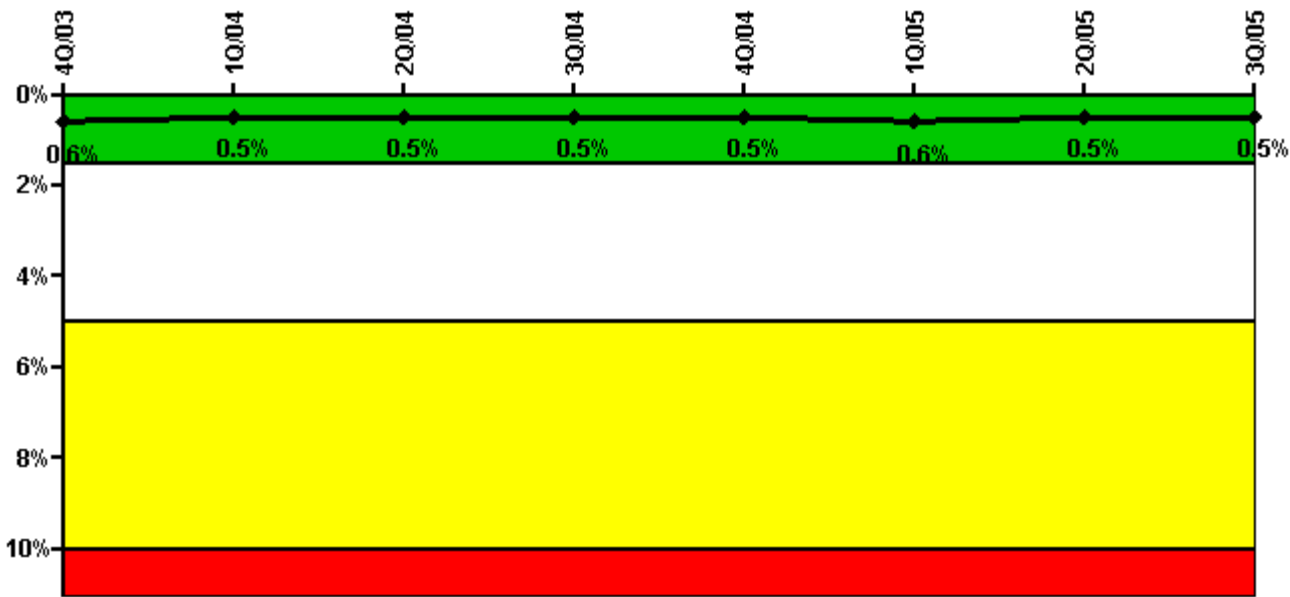
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours	12.50	3.20	13.60	5.60	6.50	2.90	3.50	8.80
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	1882.00	2149.00	1323.00	2183.00	2208.00
Train 2								
Planned unavailable hours	1.40	1.80	1.40	14.70	3.00	0	2.90	10.40
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	1882.00	2149.00	1323.00	2183.00	2208.00
Train 3								
Planned unavailable hours	14.60	12.30	8.70	31.50	23.00	11.50	4.60	7.10
Unplanned unavailable hours	125.40	0	0	9.80	0	0	0	19.10
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	1882.00	2149.00	1323.00	2183.00	2208.00
Indicator value	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



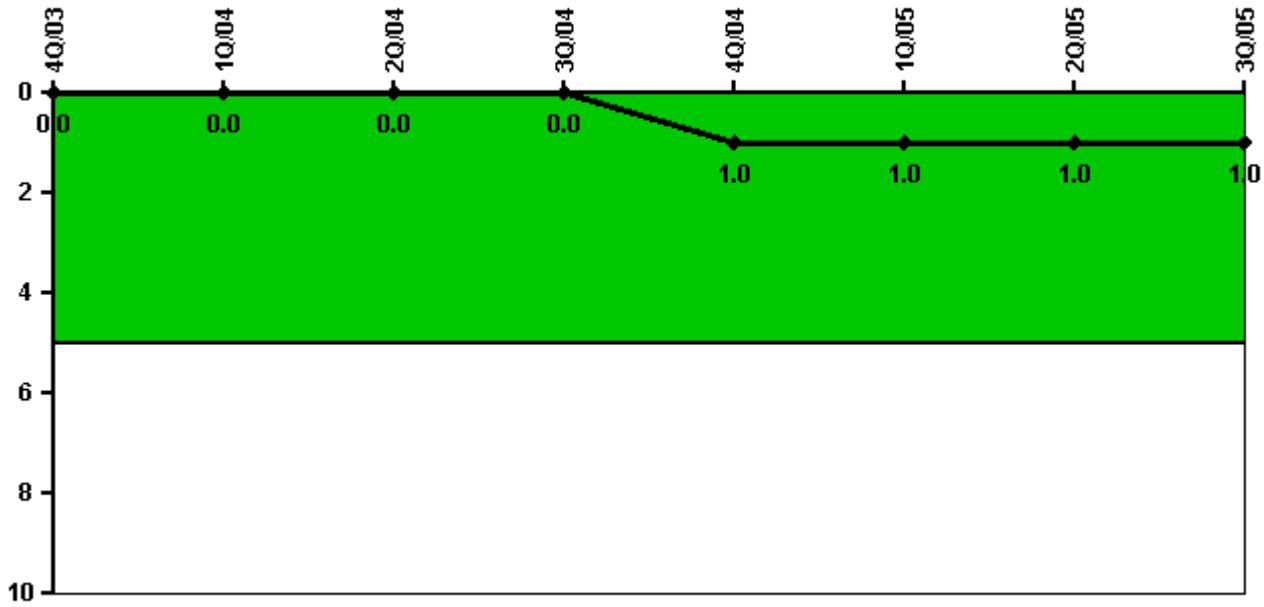
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours	12.10	8.30	0.40	1.90	75.10	11.90	3.40	24.20
Unplanned unavailable hours	0	0	10.50	30.90	10.80	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	1822.10	2144.60	1268.50	2183.00	2208.00
Train 2								
Planned unavailable hours	6.10	2.00	9.40	5.20	64.60	14.00	3.90	3.10
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	1822.10	2144.60	1268.50	2183.00	2208.00
Train 3								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	0	0	325.90	60.50	688.00	0	0
Train 4								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	0	0	325.90	60.50	688.00	0	0
Indicator value	0.6%	0.5%	0.5%	0.5%	0.5%	0.6%	0.5%	0.5%

Licensee Comments: none

Safety System Functional Failures (PWR)



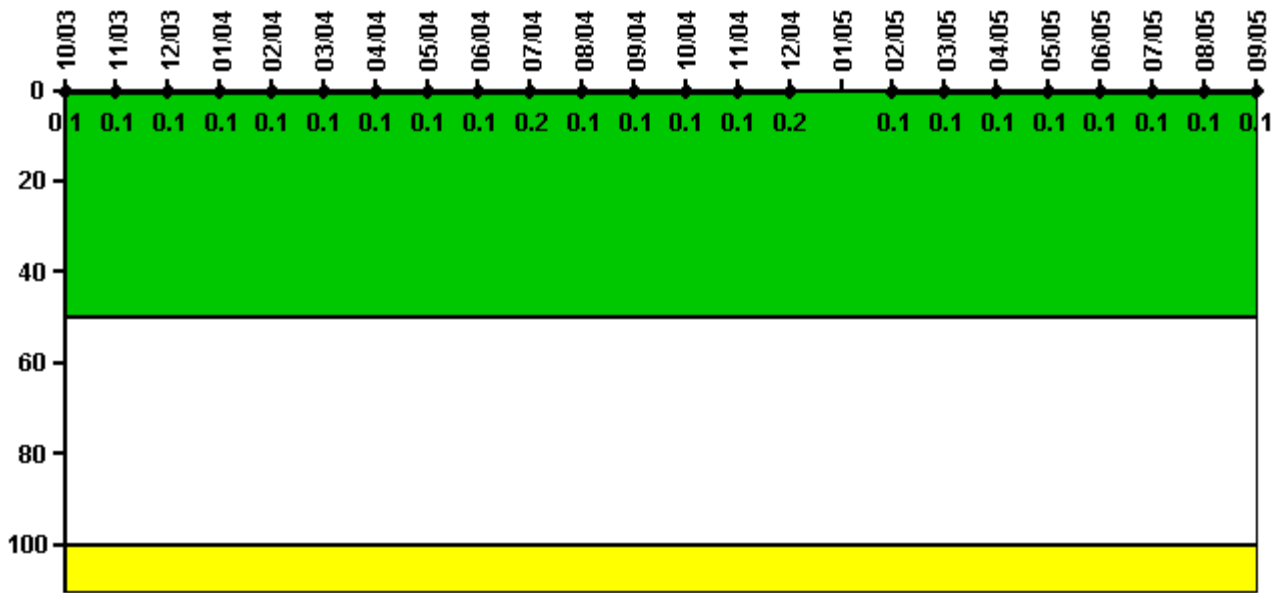
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Safety System Functional Failures	0	0	0	0	1	0	0	0
Indicator value	0	0	0	0	1	1	1	1

Licensee Comments: none

Reactor Coolant System Activity



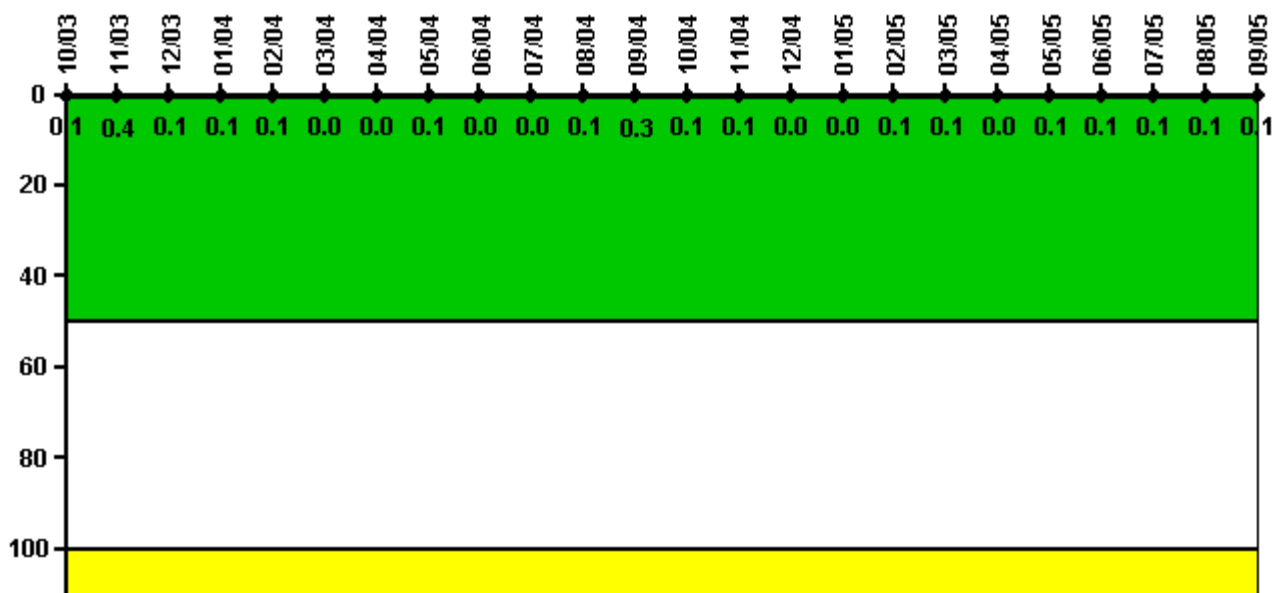
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04
Maximum activity	0.001200	0.001100	0.001260	0.001110	0.001150	0.001130	0.001300	0.001440	0.001350	0.001770	0.001140	0.001010
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1
Reactor Coolant System Activity	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05
Maximum activity	0.001150	0.001150	0.002140	N/A	0.000735	0.001230	0.000853	0.000853	0.000889	0.001010	0.000921	0.000983
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.2	N/A	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage

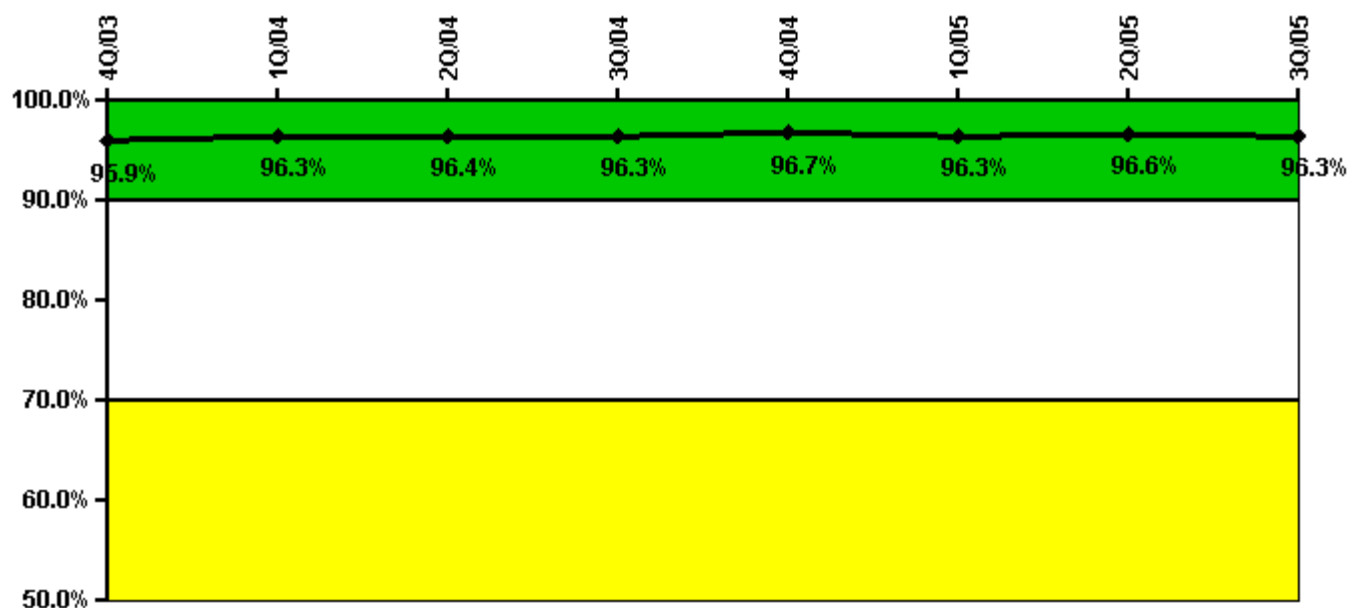


Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04
Maximum leakage	0.005	0.039	0.010	0.010	0.010	0	0	0.010	0	0.003	0.008	0.030
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.4	0.1	0.1	0.1	0	0	0.1	0	0	0.1	0.3
Reactor Coolant System Leakage	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05
Maximum leakage	0.010	0.010	0	0	0.010	0.010	0	0.010	0.010	0.010	0.010	0.005
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.1	0	0	0.1	0.1	0	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

Drill/Exercise Performance

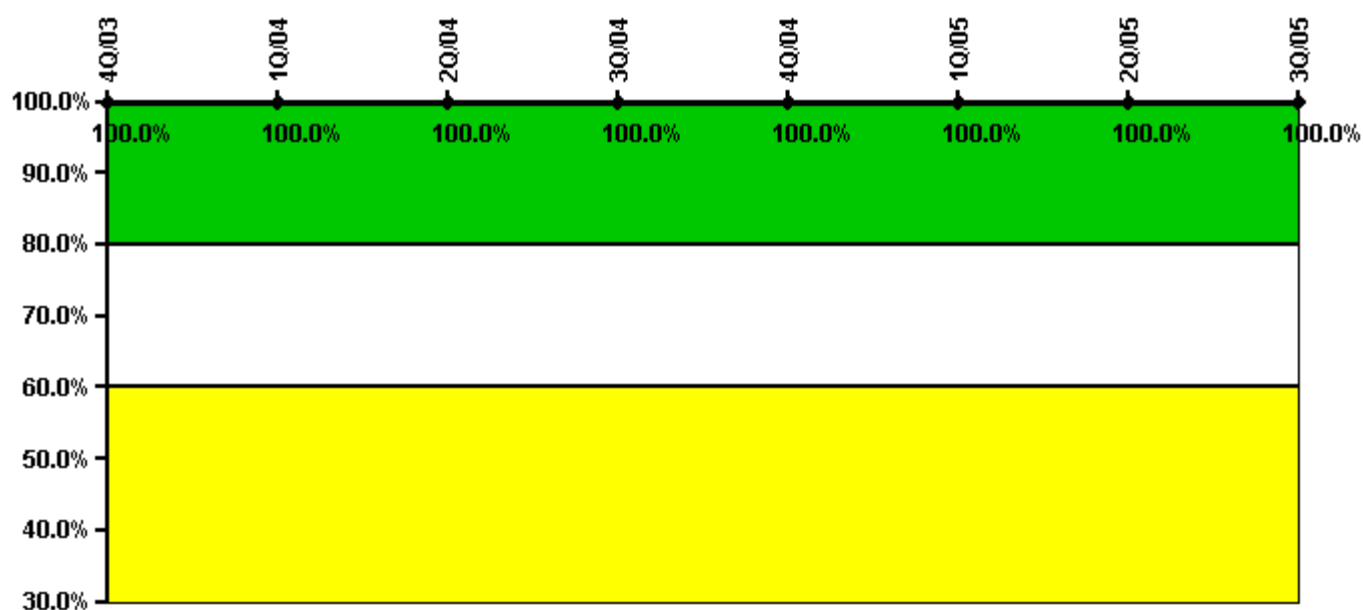
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Successful opportunities	67.0	50.0	47.0	60.0	28.0	39.0	88.0	67.0
Total opportunities	70.0	51.0	49.0	63.0	28.0	41.0	90.0	71.0
Indicator value	95.9%	96.3%	96.4%	96.3%	96.7%	96.3%	96.6%	96.3%

Licensee Comments: none

ERO Drill Participation



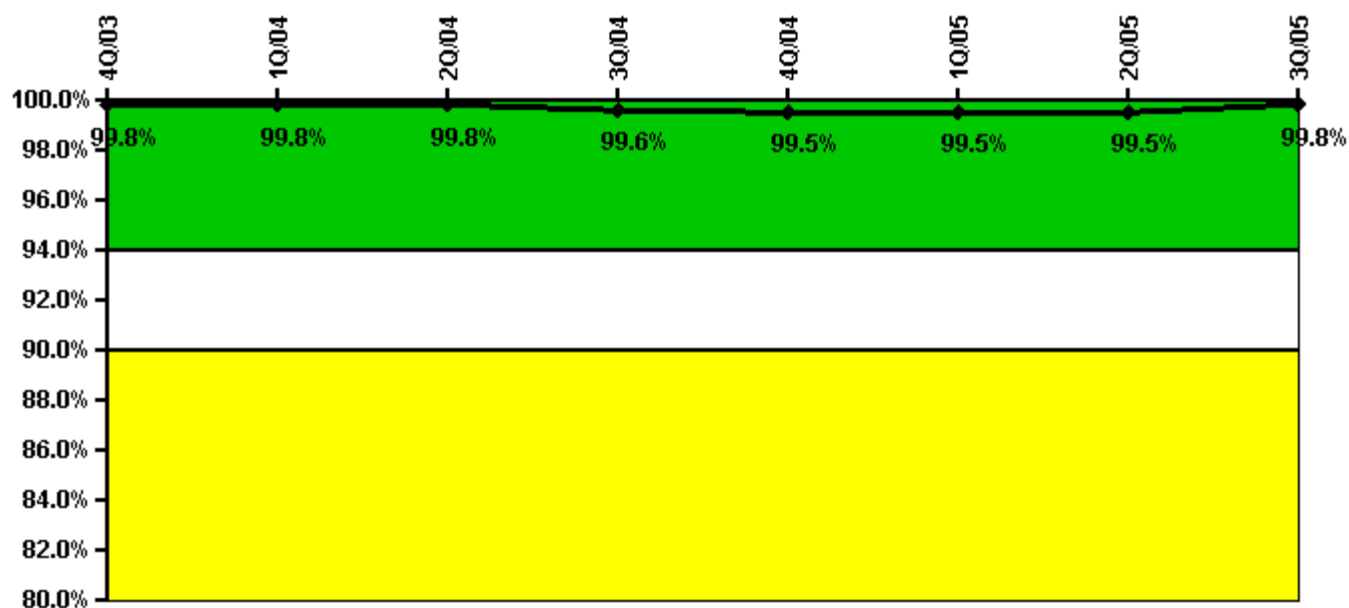
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Participating Key personnel	74.0	77.0	85.0	86.0	86.0	89.0	87.0	88.0
Total Key personnel	74.0	77.0	85.0	86.0	86.0	89.0	87.0	88.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



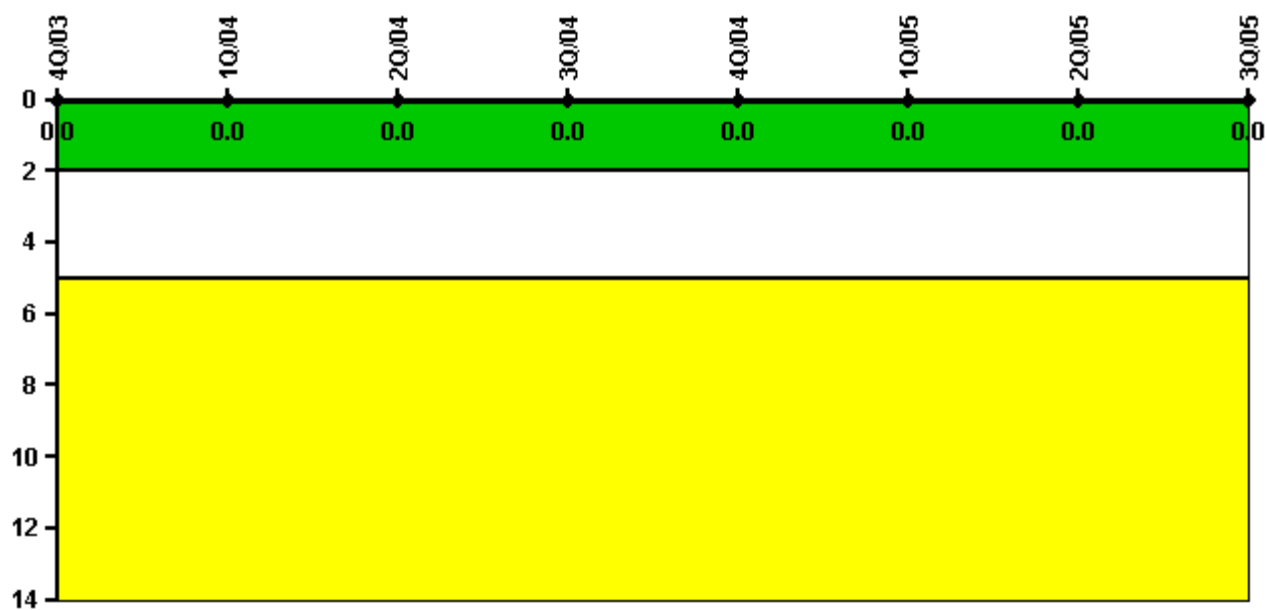
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Successful siren-tests	533	712	622	614	621	712	621	711
Total sirens-tests	534	712	623	623	623	712	623	712
Indicator value	99.8%	99.8%	99.8%	99.6%	99.5%	99.5%	99.5%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



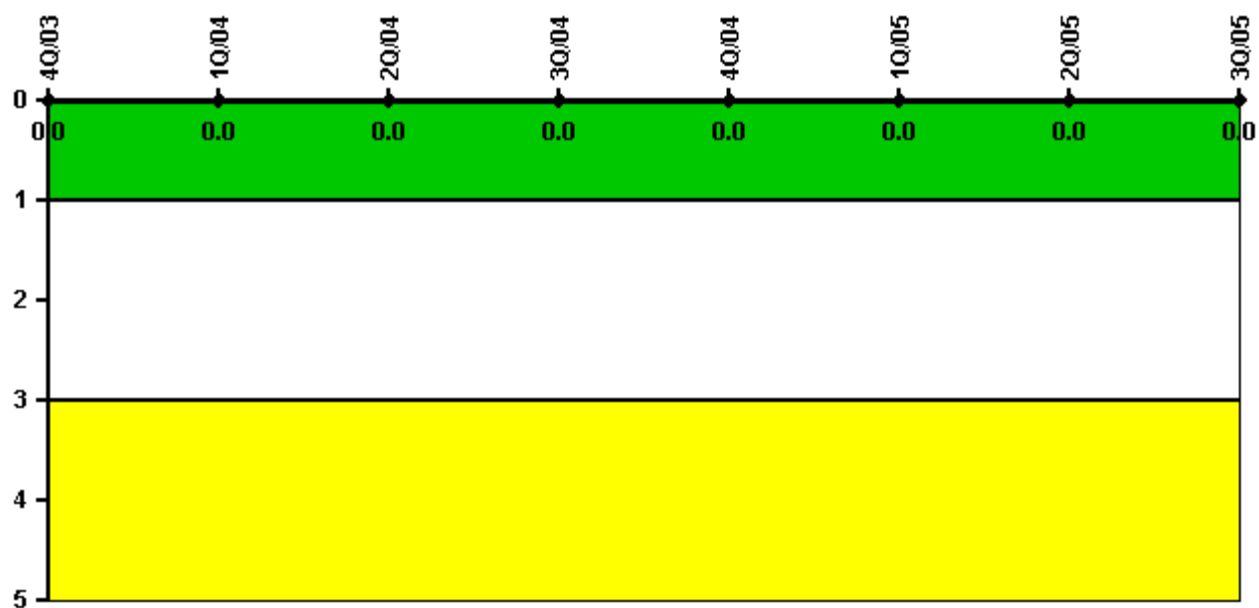
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
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/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
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.

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

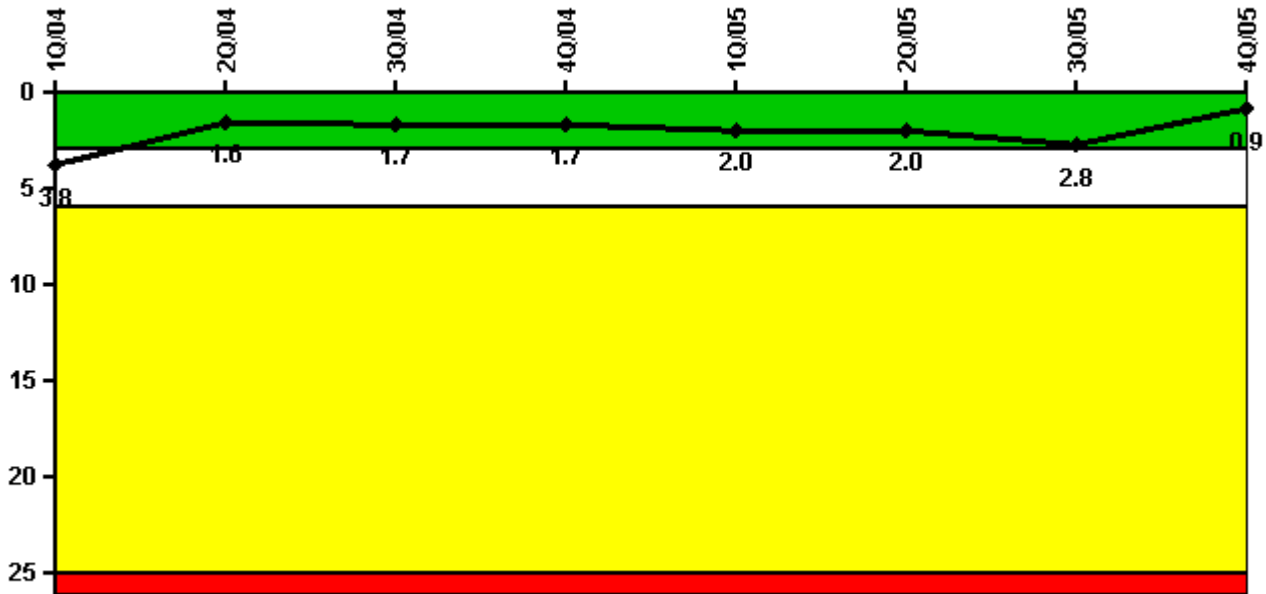
Last Modified: November 3, 2005

Saint Lucie 2

4Q/2005 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



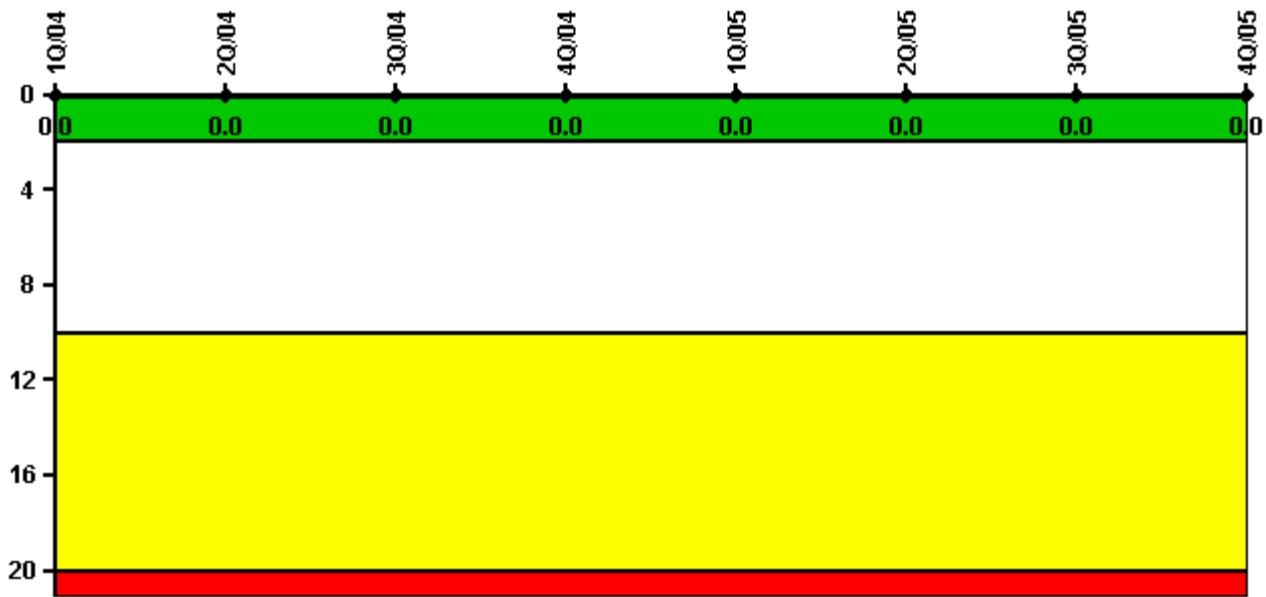
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Unplanned scrams	0	0	0	2.0	0	0	1.0	0
Critical hours	2184.0	2183.0	1750.1	1984.6	1181.7	2183.0	2185.1	2123.9
Indicator value	3.8	1.6	1.7	1.7	2.0	2.0	2.8	0.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



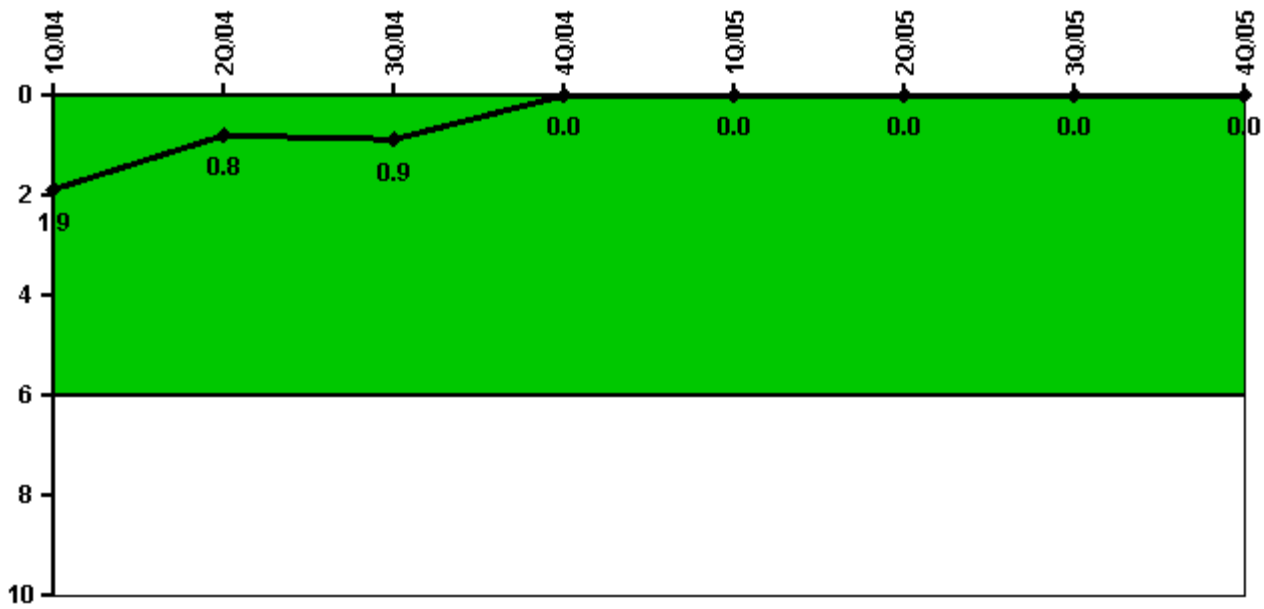
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
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



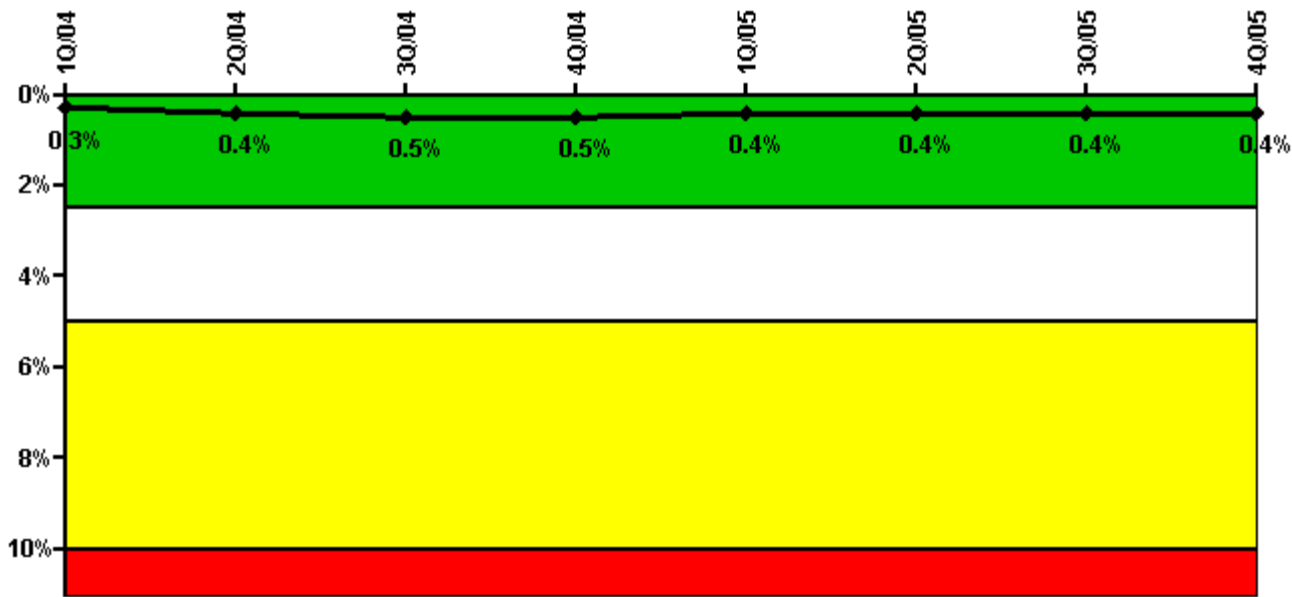
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2184.0	2183.0	1750.1	1984.6	1181.7	2183.0	2185.1	2123.9
Indicator value	1.9	0.8	0.9	0	0	0	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



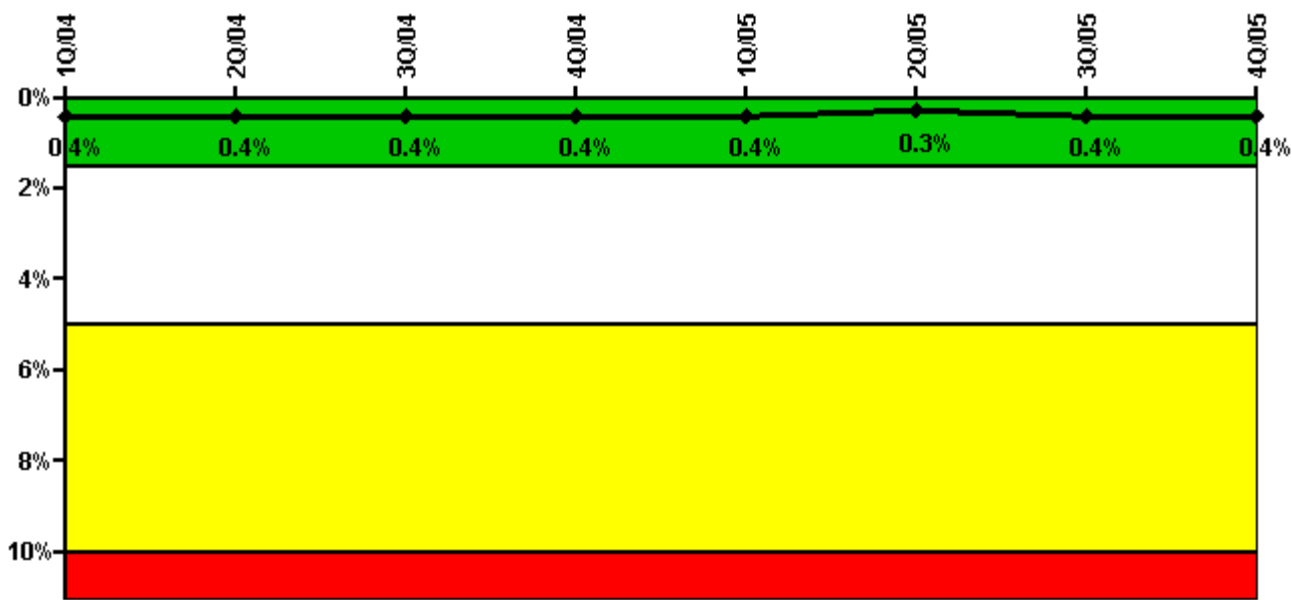
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Train 1								
Planned unavailable hours	6.80	6.30	10.00	5.70	3.60	7.80	7.70	6.20
Unplanned unavailable hours	0	38.30	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	1758.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	7.50	5.60	6.60	9.20	4.50	8.40	8.50	7.00
Unplanned unavailable hours	6.20	8.80	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	1758.00	2183.00	2208.00	2209.00
Indicator value	0.3%	0.4%	0.5%	0.5%	0.4%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



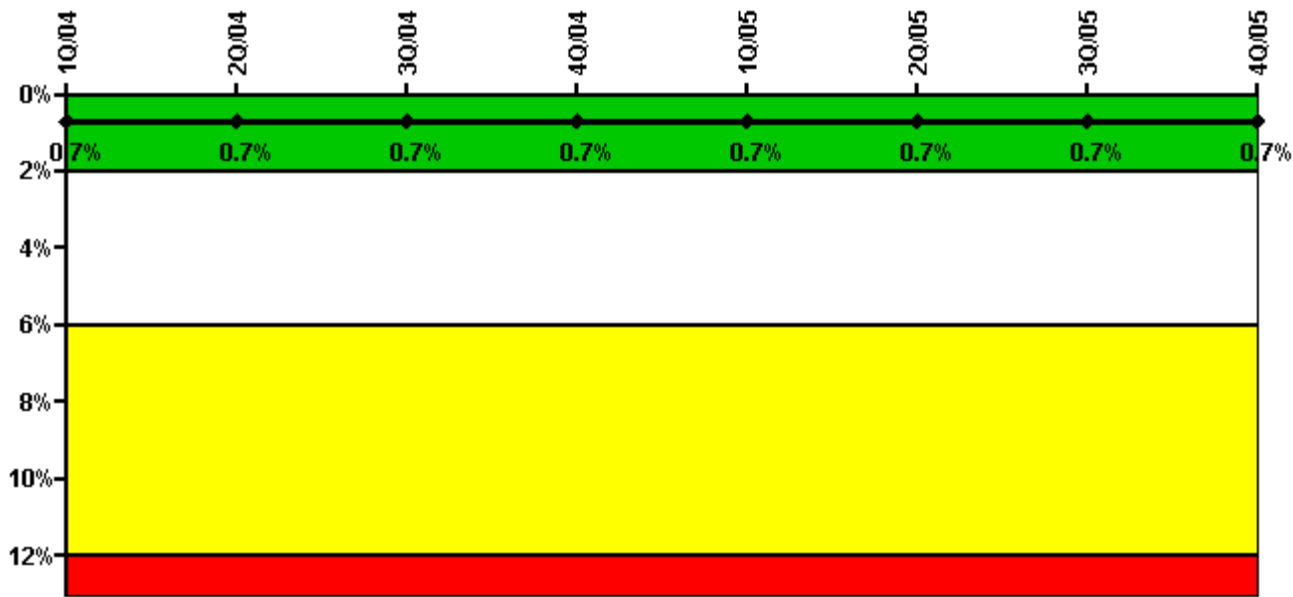
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Train 1								
Planned unavailable hours	0.40	0.40	0.60	21.40	0.10	0.60	26.60	11.40
Unplanned unavailable hours	0	0	0	2.30	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	1356.20	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	0.40	3.00	2.30	28.80	0.90	0.30	1.20	6.10
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	1356.20	2183.00	2208.00	2209.00
Indicator value	0.4%	0.4%	0.4%	0.4%	0.4%	0.3%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



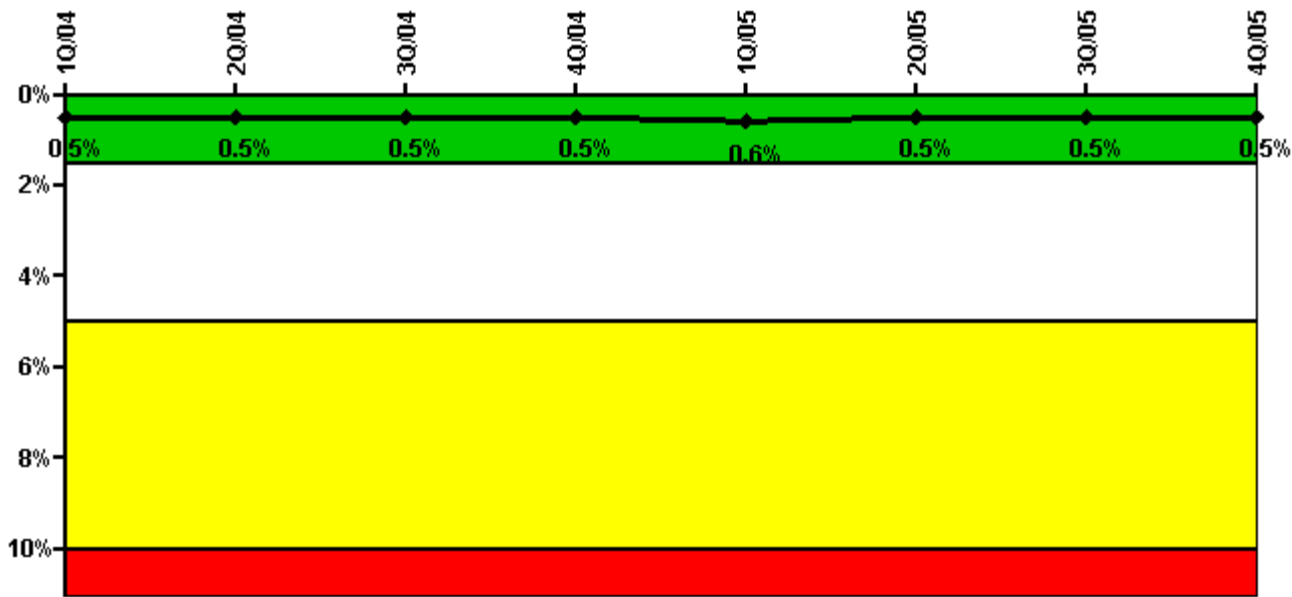
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Train 1								
Planned unavailable hours	3.20	13.60	5.60	6.50	2.90	3.50	8.80	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	1882.00	2149.00	1323.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	1.80	1.40	14.70	3.00	0	2.90	10.40	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	1882.00	2149.00	1323.00	2183.00	2208.00	2209.00
Train 3								
Planned unavailable hours	12.30	8.70	31.50	23.00	11.50	4.60	7.10	7.40
Unplanned unavailable hours	0	0	9.80	0	0	0	19.10	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	1882.00	2149.00	1323.00	2183.00	2208.00	2209.00
Indicator value	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



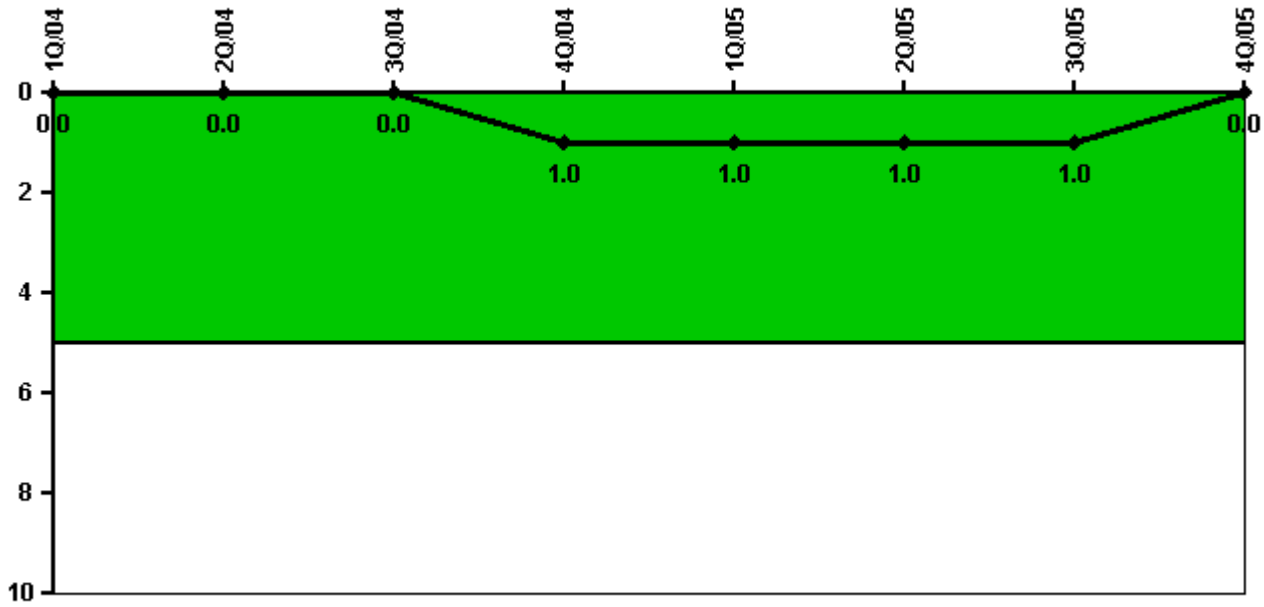
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Train 1								
Planned unavailable hours	8.30	0.40	1.90	75.10	11.90	3.40	24.20	33.40
Unplanned unavailable hours	0	10.50	30.90	10.80	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	1822.10	2144.60	1268.50	2183.00	2208.00	2171.40
Train 2								
Planned unavailable hours	2.00	9.40	5.20	64.60	14.00	3.90	3.10	26.00
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	1822.10	2144.60	1268.50	2183.00	2208.00	2171.40
Train 3								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	0	325.90	60.50	688.00	0	0	0
Train 4								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	0	325.90	60.50	688.00	0	0	0
Indicator value	0.5%	0.5%	0.5%	0.5%	0.6%	0.5%	0.5%	0.5%

Licensee Comments: none

Safety System Functional Failures (PWR)



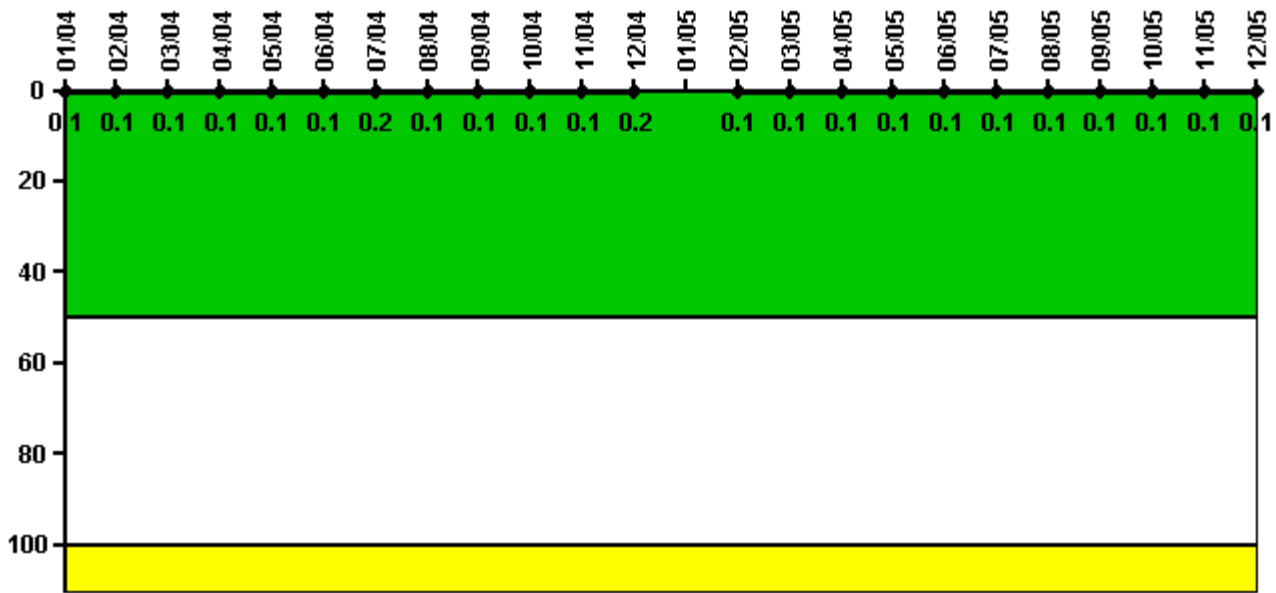
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Safety System Functional Failures	0	0	0	1	0	0	0	0
Indicator value	0	0	0	1	1	1	1	0

Licensee Comments: none

Reactor Coolant System Activity



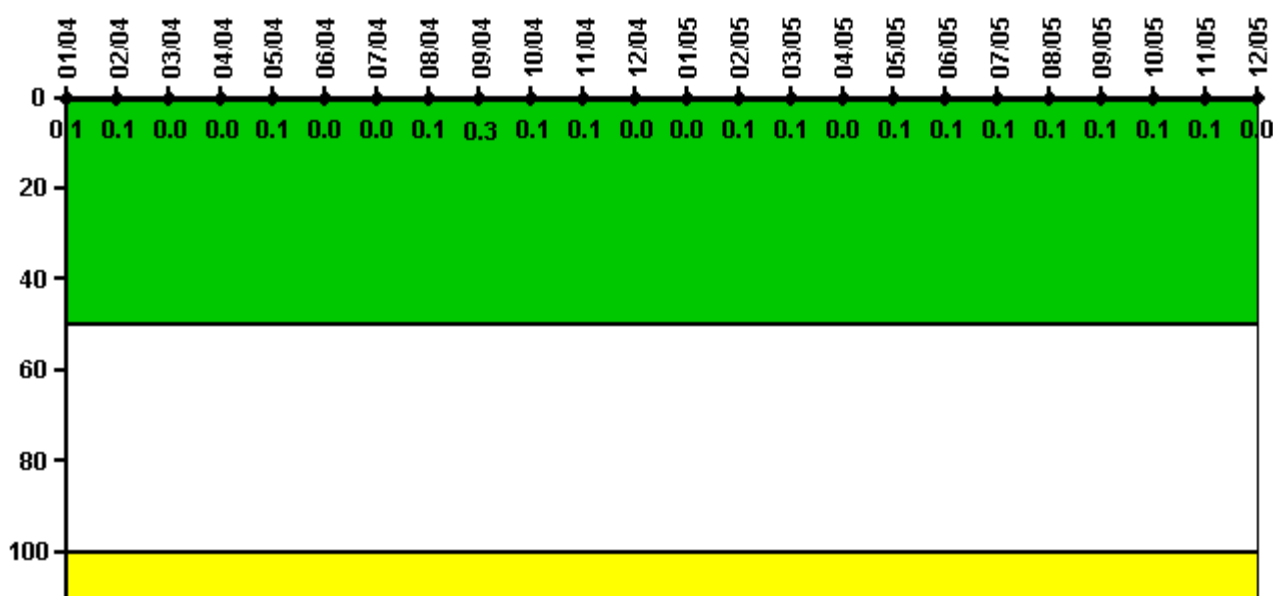
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04
Maximum activity	0.001110	0.001150	0.001130	0.001300	0.001440	0.001350	0.001770	0.001140	0.001010	0.001150	0.001150	0.002140
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.2
Reactor Coolant System Activity	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05
Maximum activity	N/A	0.000735	0.001230	0.000853	0.000853	0.000889	0.001010	0.000921	0.000983	0.000922	0.000988	0.000994
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	N/A	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



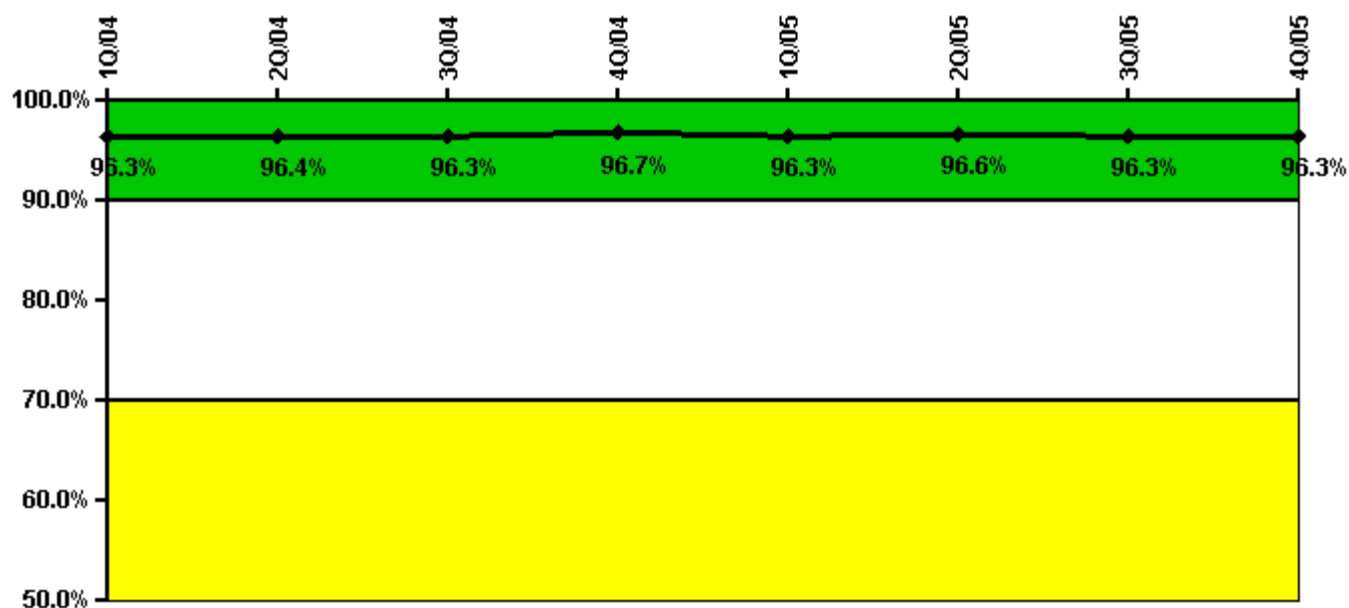
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04
Maximum leakage	0.010	0.010	0	0	0.010	0	0.003	0.008	0.030	0.010	0.010	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.1	0	0	0.1	0	0	0.1	0.3	0.1	0.1	0
Reactor Coolant System Leakage	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05
Maximum leakage	0	0.010	0.010	0	0.010	0.010	0.010	0.010	0.005	0.010	0.010	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0.1	0.1	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0

Licensee Comments: none

Drill/Exercise Performance



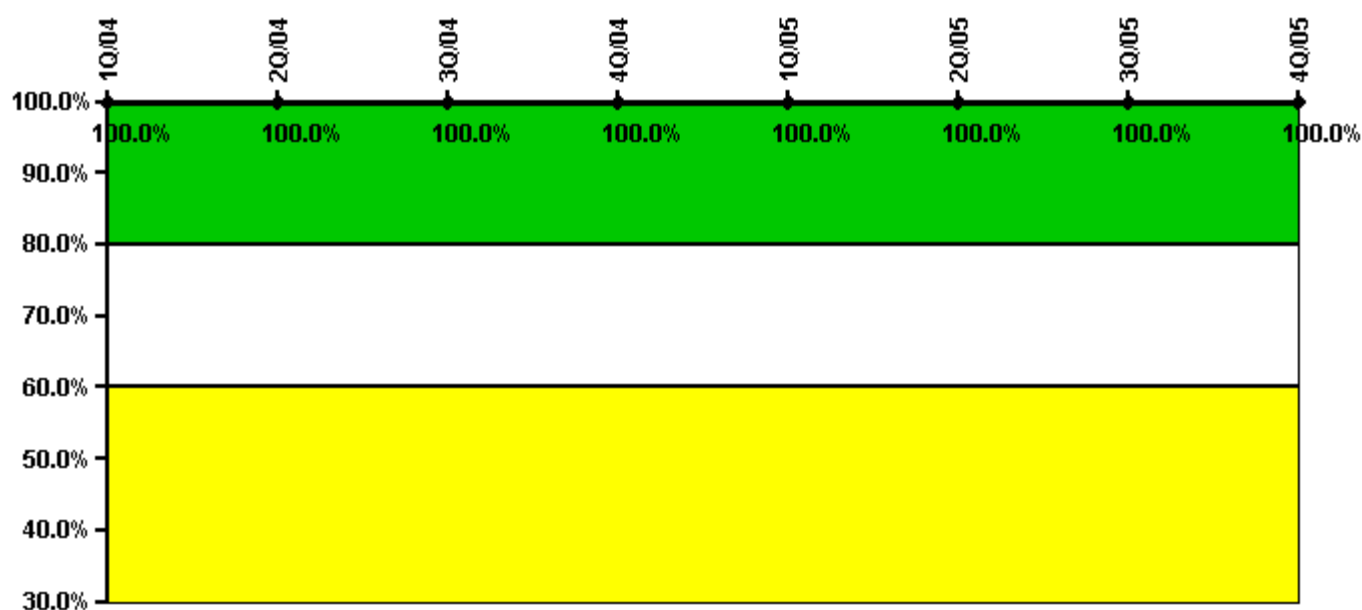
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Successful opportunities	50.0	47.0	60.0	28.0	39.0	88.0	67.0	9.0
Total opportunities	51.0	49.0	63.0	28.0	41.0	90.0	71.0	10.0
Indicator value	96.3%	96.4%	96.3%	96.7%	96.3%	96.6%	96.3%	96.3%

Licensee Comments: none

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

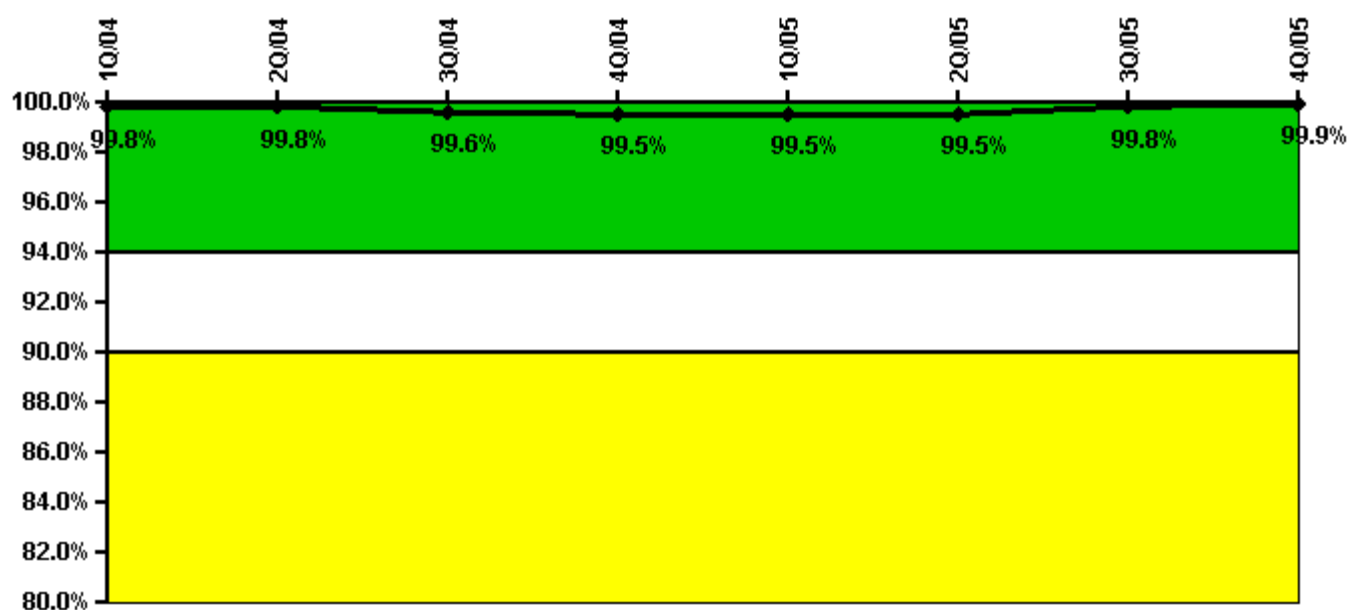
Notes

ERO Drill Participation	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Participating Key personnel	77.0	85.0	86.0	86.0	89.0	87.0	88.0	87.0
Total Key personnel	77.0	85.0	86.0	86.0	89.0	87.0	88.0	87.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments:

4Q/05: A change file was necessary to swap the submitted ERO participation data from the October to December data elements. This data swap performed no change to the aggregate 4Q/2005 data, but is necessary for CDE 2.0 to properly calculate the indicator value.

Alert & Notification System



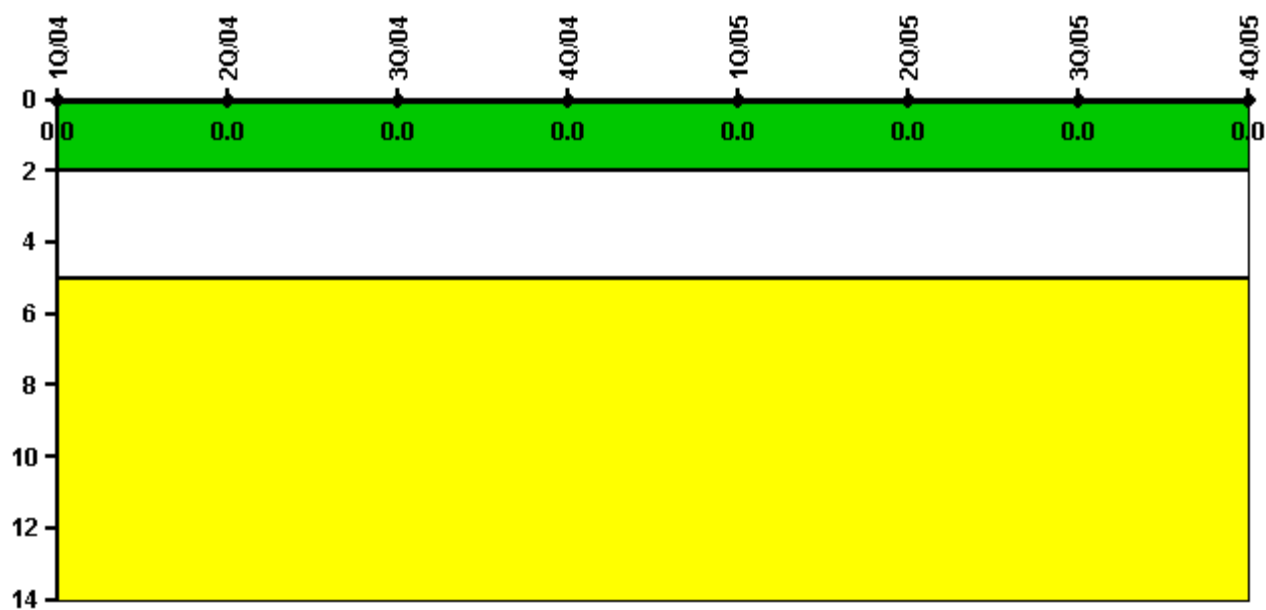
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Successful siren-tests	712	622	614	621	712	621	711	536
Total sirens-tests	712	623	623	623	712	623	712	536
Indicator value	99.8%	99.8%	99.6%	99.5%	99.5%	99.5%	99.8%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



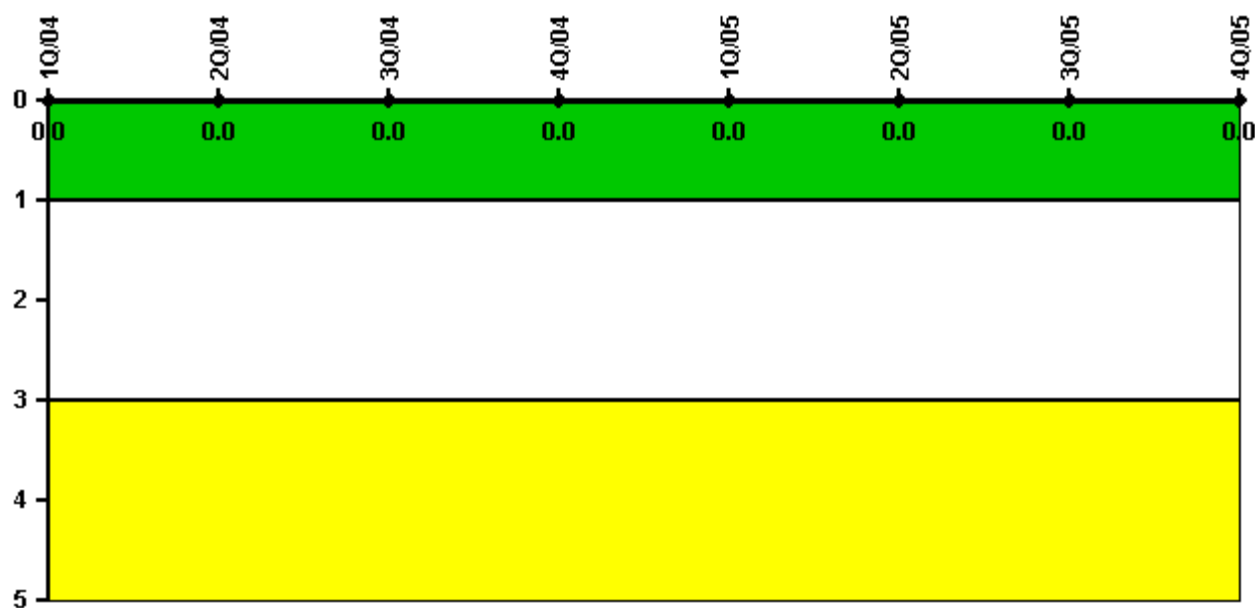
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
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	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
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.

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

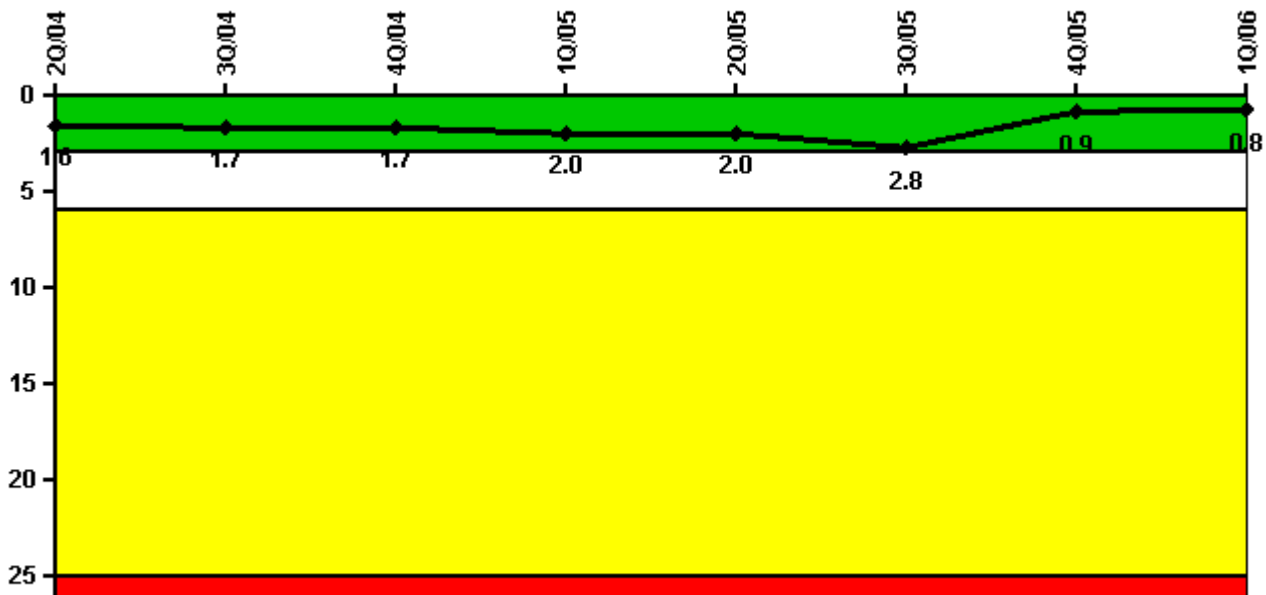
Last Modified: January 30, 2006

Saint Lucie 2

1Q/2006 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



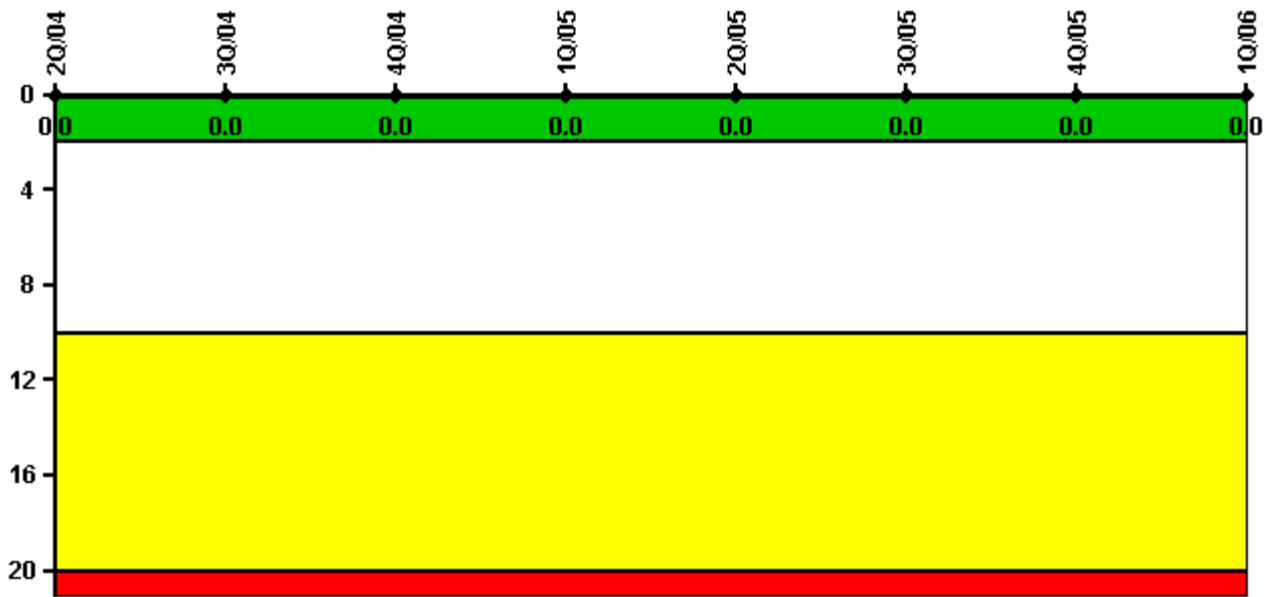
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Unplanned scrams	0	0	2.0	0	0	1.0	0	0
Critical hours	2183.0	1750.1	1984.6	1181.7	2183.0	2185.1	2123.9	2072.0
Indicator value	1.6	1.7	1.7	2.0	2.0	2.8	0.9	0.8

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



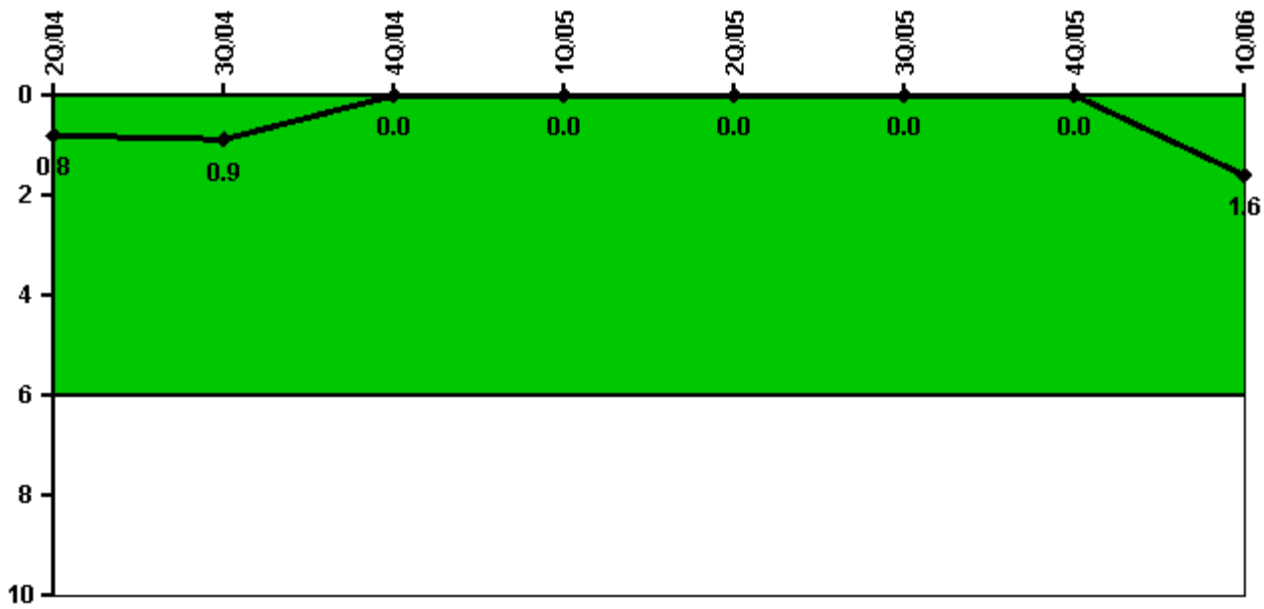
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
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



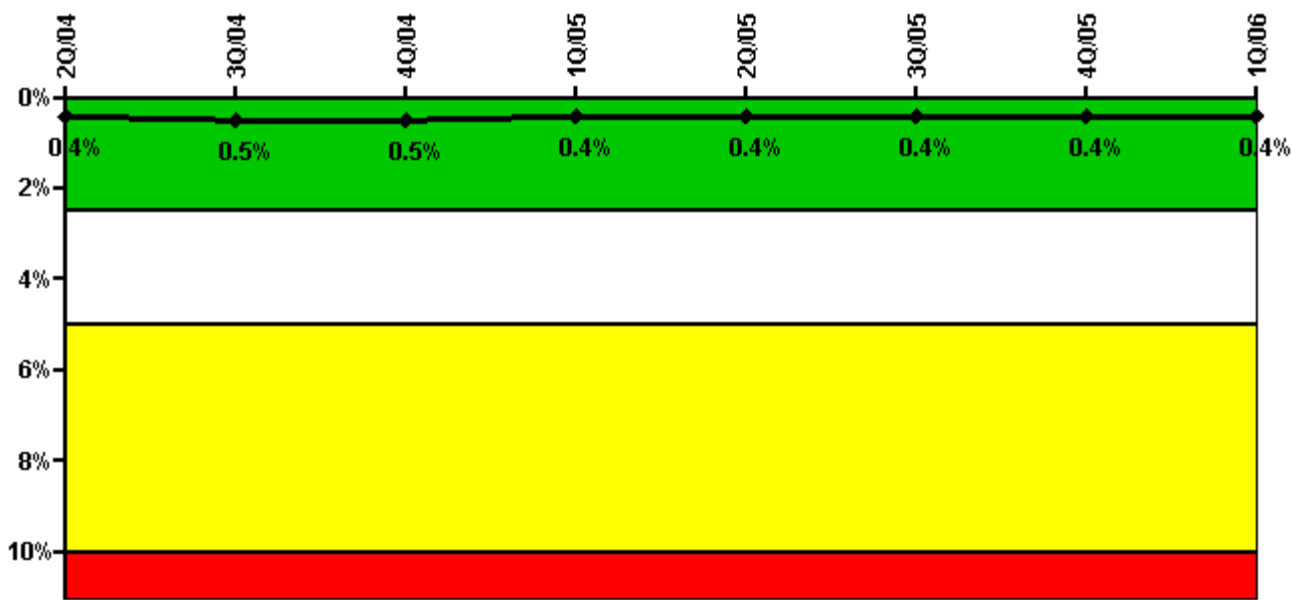
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Unplanned power changes	0	0	0	0	0	0	0	2.0
Critical hours	2183.0	1750.1	1984.6	1181.7	2183.0	2185.1	2123.9	2072.0
Indicator value	0.8	0.9	0	0	0	0	0	1.6

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



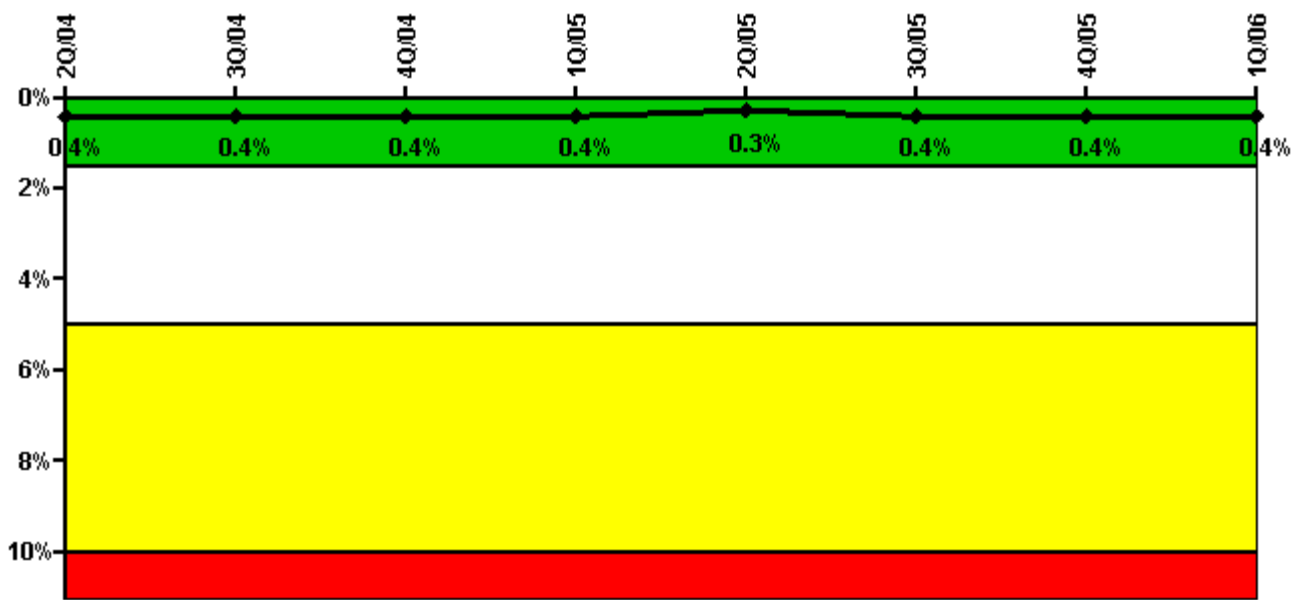
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	6.30	10.00	5.70	3.60	7.80	7.70	6.20	4.90
Unplanned unavailable hours	38.30	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	1758.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	5.60	6.60	9.20	4.50	8.40	8.50	7.00	6.90
Unplanned unavailable hours	8.80	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	1758.00	2183.00	2208.00	2209.00	2160.00
Indicator value	0.4%	0.5%	0.5%	0.4%	0.4%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



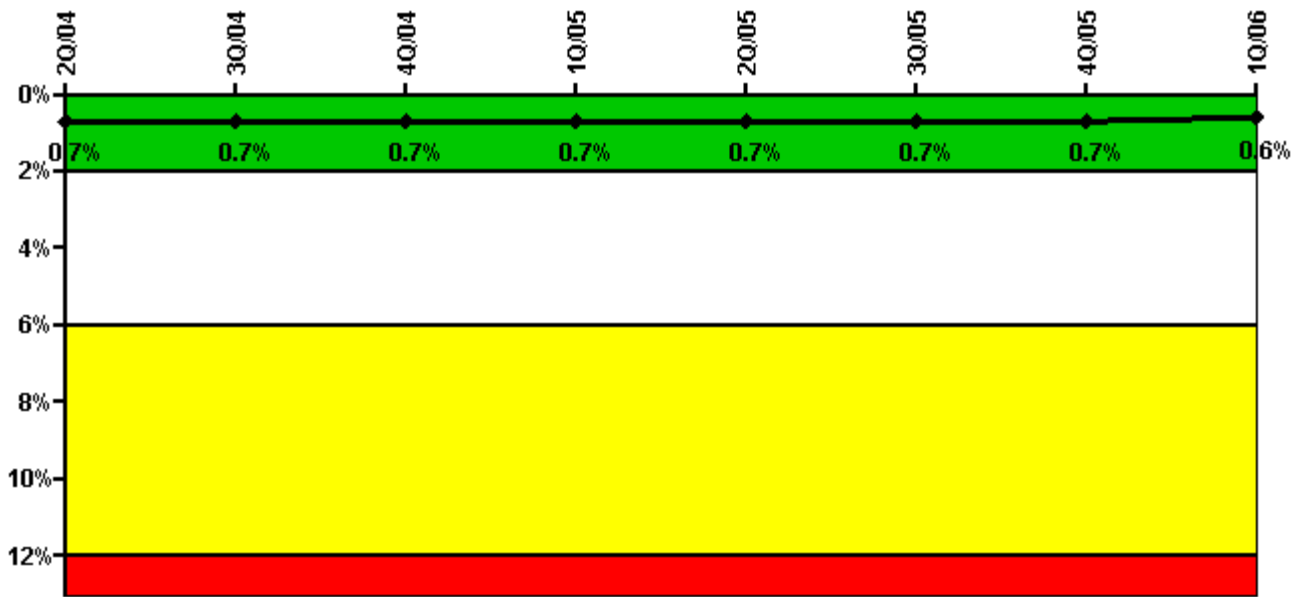
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	0.40	0.60	21.40	0.10	0.60	26.60	11.40	1.90
Unplanned unavailable hours	0	0	2.30	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	1356.20	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	3.00	2.30	28.80	0.90	0.30	1.20	6.10	1.90
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	1356.20	2183.00	2208.00	2209.00	2160.00
Indicator value	0.4%	0.4%	0.4%	0.4%	0.3%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



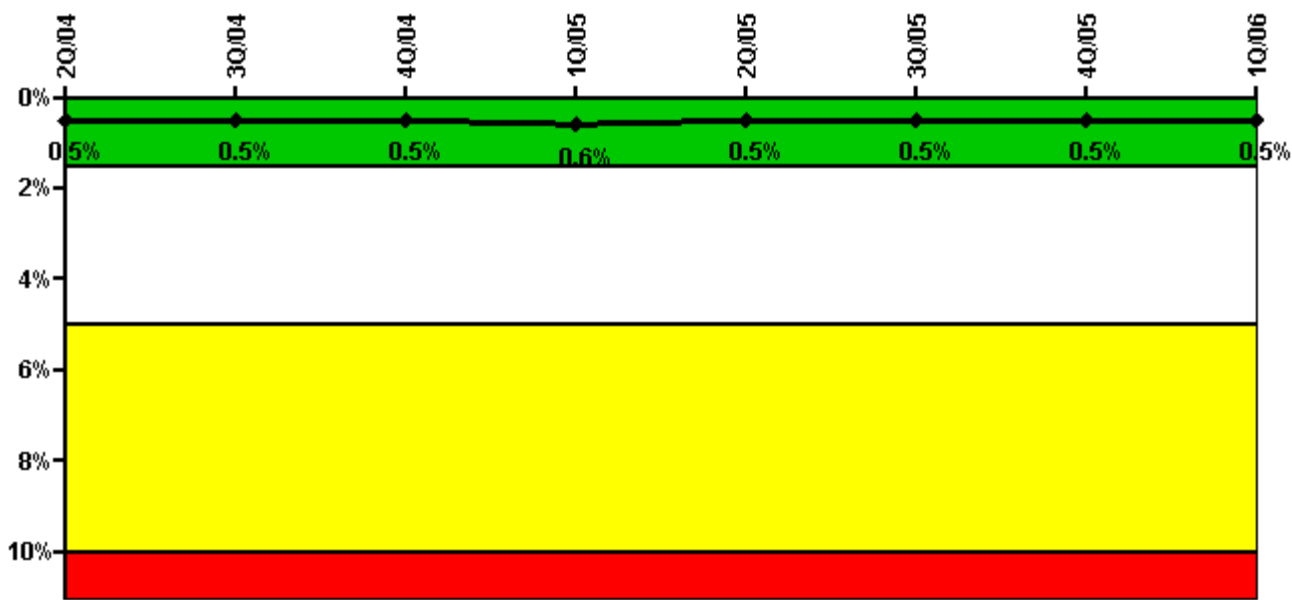
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	13.60	5.60	6.50	2.90	3.50	8.80	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	1882.00	2149.00	1323.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	1.40	14.70	3.00	0	2.90	10.40	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	1882.00	2149.00	1323.00	2183.00	2208.00	2209.00	2160.00
Train 3								
Planned unavailable hours	8.70	31.50	23.00	11.50	4.60	7.10	7.40	8.60
Unplanned unavailable hours	0	9.80	0	0	0	19.10	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	1882.00	2149.00	1323.00	2183.00	2208.00	2209.00	2160.00
Indicator value	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.6%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



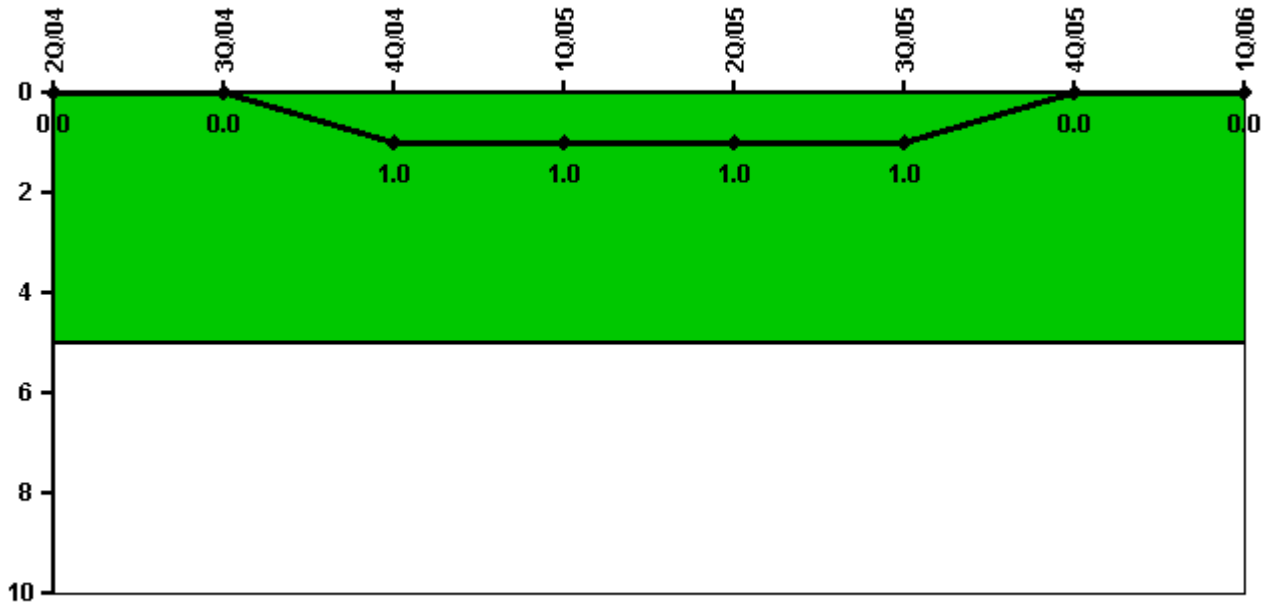
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	0.40	1.90	75.10	11.90	3.40	24.20	33.40	9.40
Unplanned unavailable hours	10.50	30.90	10.80	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	1822.10	2144.60	1268.50	2183.00	2208.00	2171.40	2160.00
Train 2								
Planned unavailable hours	9.40	5.20	64.60	14.00	3.90	3.10	26.00	11.30
Unplanned unavailable hours	0	0	0	0	0	0	0	5.60
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	1822.10	2144.60	1268.50	2183.00	2208.00	2171.40	2160.00
Train 3								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	325.90	60.50	688.00	0	0	0	0
Train 4								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	325.90	60.50	688.00	0	0	0	0
Indicator value	0.5%	0.5%	0.5%	0.6%	0.5%	0.5%	0.5%	0.5%

Licensee Comments: none

Safety System Functional Failures (PWR)



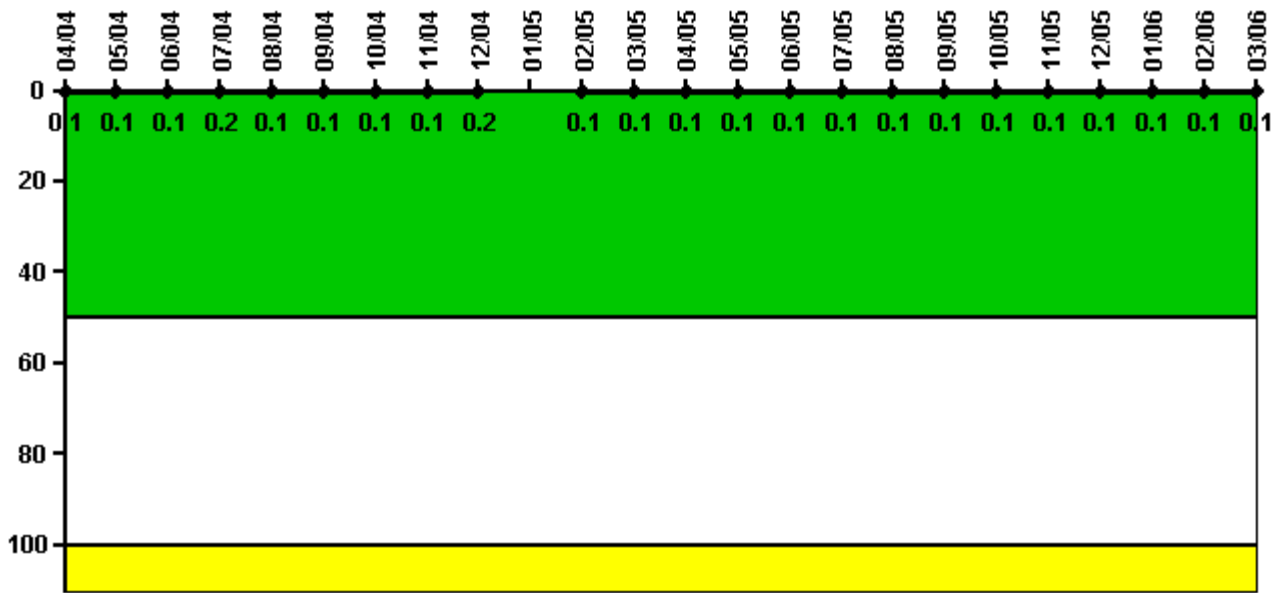
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Safety System Functional Failures	0	0	1	0	0	0	0	0
Indicator value	0	0	1	1	1	1	0	0

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

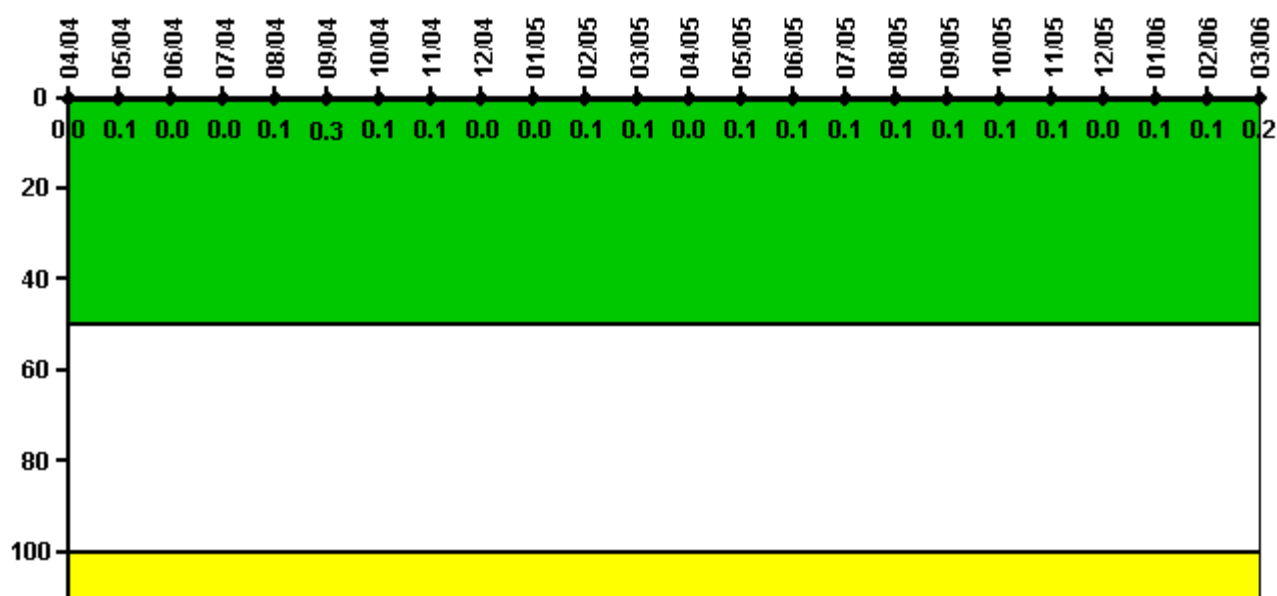
Notes

Reactor Coolant System Activity	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05
Maximum activity	0.001300	0.001440	0.001350	0.001770	0.001140	0.001010	0.001150	0.001150	0.002140	N/A	0.000735	0.001230
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.2	N/A	0.1	0.1

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	0.000853	0.000853	0.000889	0.001010	0.000921	0.000983	0.000922	0.000988	0.000994	0.001070	0.001060	0.001120
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
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



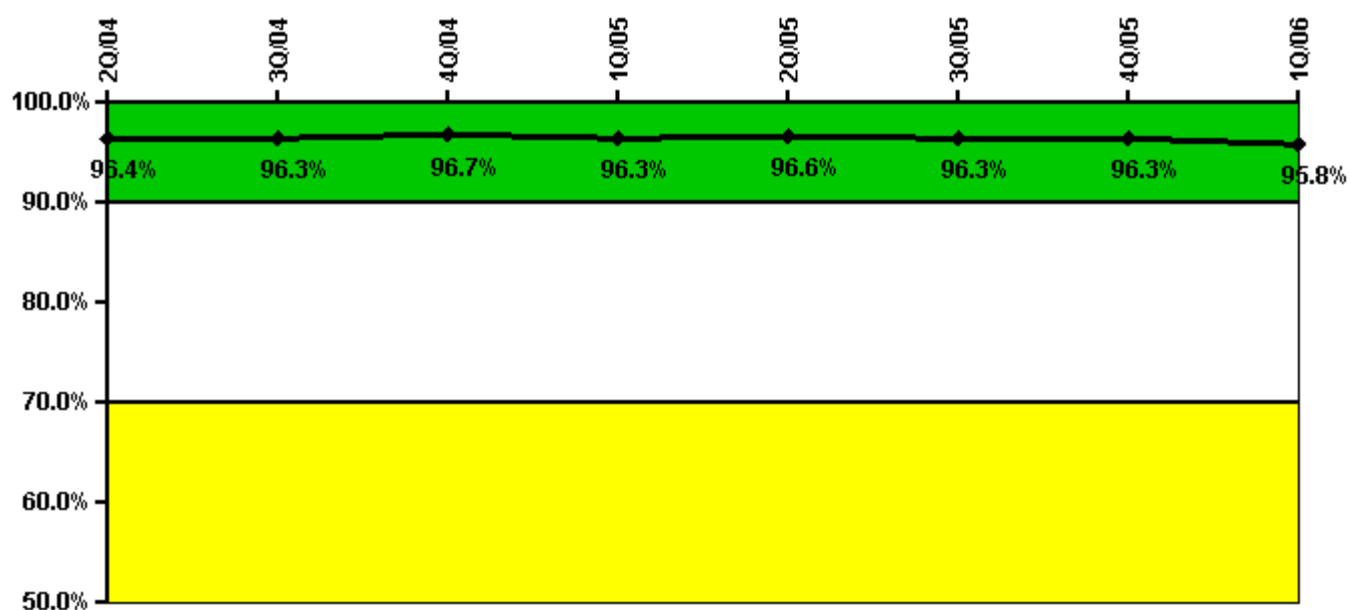
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05
Maximum leakage	0	0.010	0	0.003	0.008	0.030	0.010	0.010	0	0	0.010	0.010
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0.1	0	0	0.1	0.3	0.1	0.1	0	0	0.1	0.1
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	0	0.010	0.010	0.010	0.010	0.005	0.010	0.010	0	0.010	0.005	0.018
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0	0.1	0.1	0.2

Licensee Comments: none

Drill/Exercise Performance



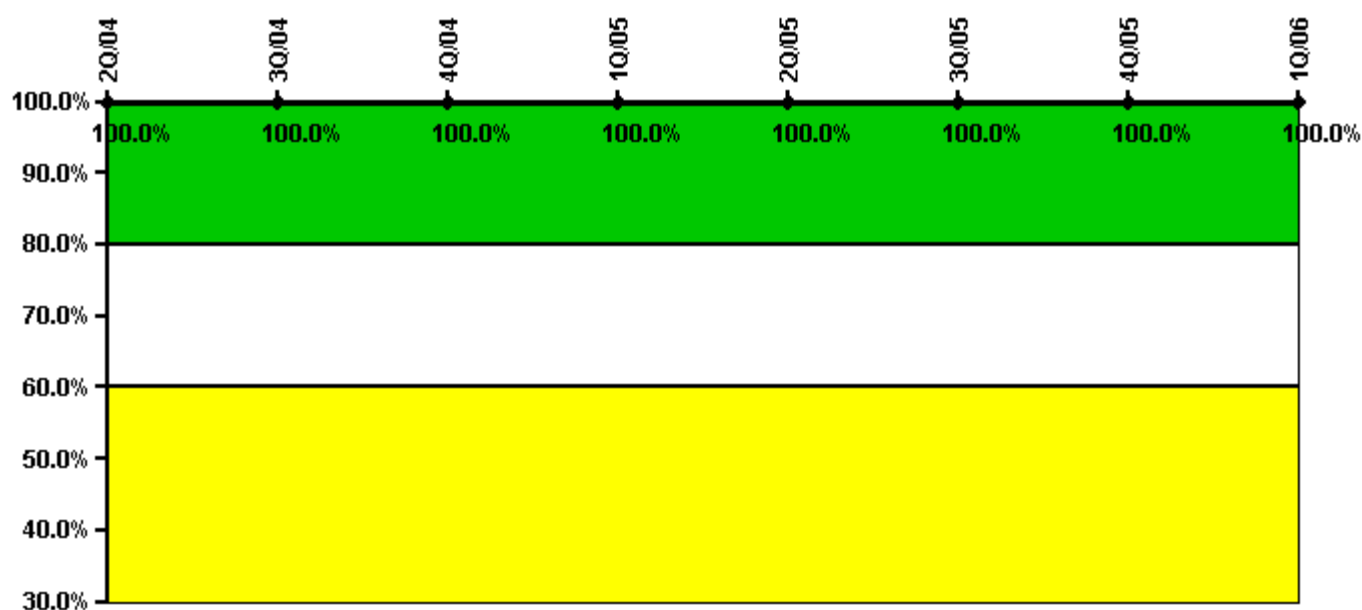
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Successful opportunities	47.0	60.0	28.0	39.0	88.0	67.0	9.0	49.0
Total opportunities	49.0	63.0	28.0	41.0	90.0	71.0	10.0	52.0
Indicator value	96.4%	96.3%	96.7%	96.3%	96.6%	96.3%	96.3%	95.8%

Licensee Comments: none

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

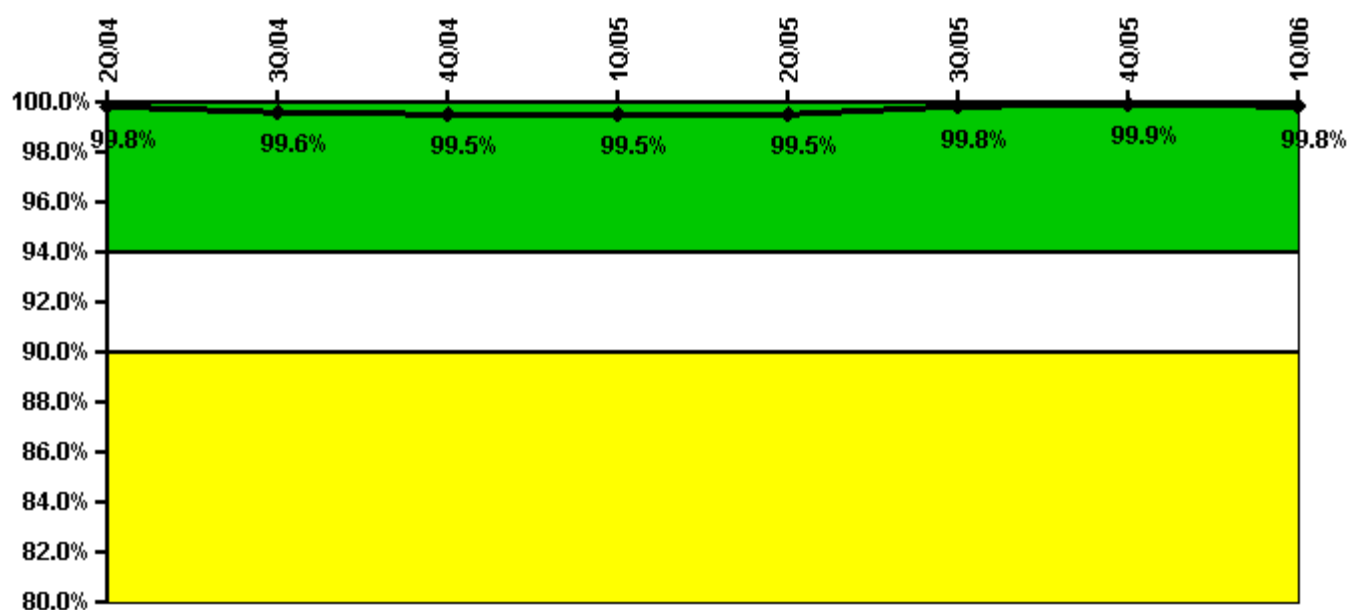
Notes

ERO Drill Participation	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Participating Key personnel	85.0	86.0	86.0	89.0	87.0	88.0	87.0	81.0
Total Key personnel	85.0	86.0	86.0	89.0	87.0	88.0	87.0	81.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments:

4Q/05: A change file was necessary to swap the submitted ERO participation data from the October to December data elements. This data swap performed no change to the aggregate 4Q/2005 data, but is necessary for CDE 2.0 to properly calculate the indicator value.

Alert & Notification System



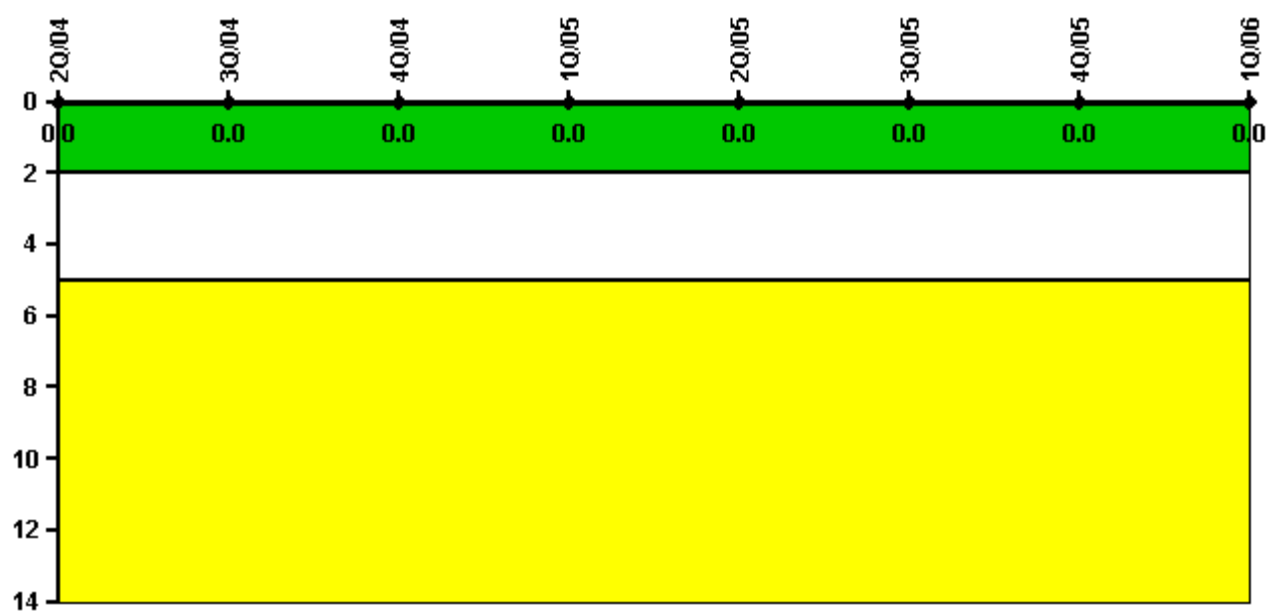
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Successful siren-tests	622	614	621	712	621	711	536	719
Total sirens-tests	623	623	623	712	623	712	536	720
Indicator value	99.8%	99.6%	99.5%	99.5%	99.5%	99.8%	99.9%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness

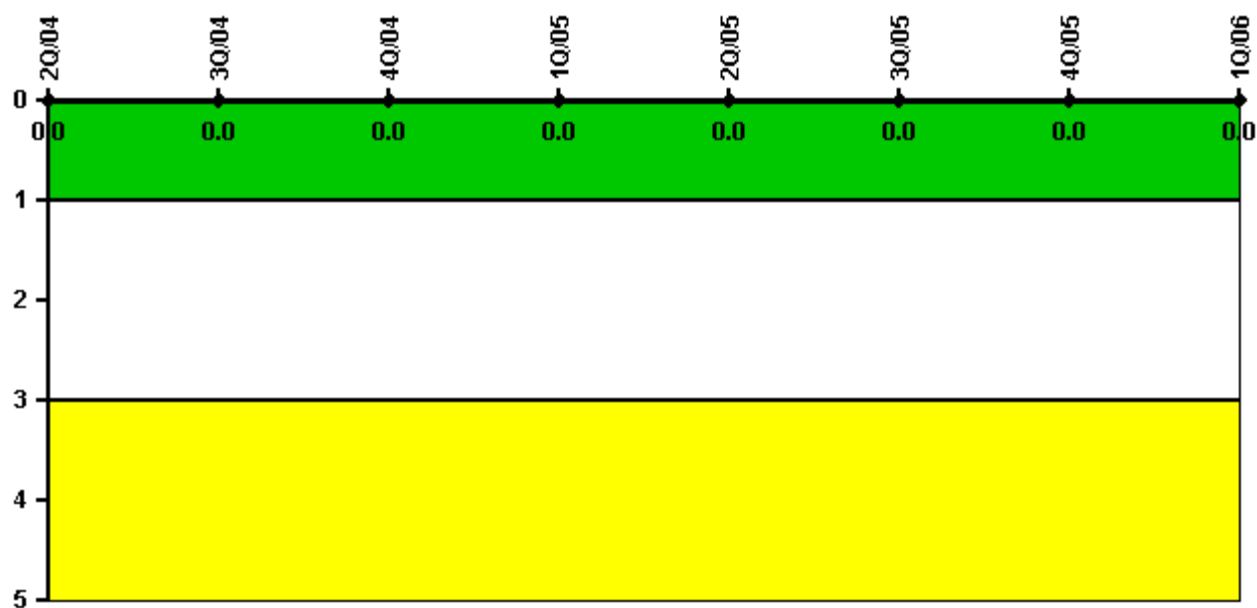


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
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/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
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.

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

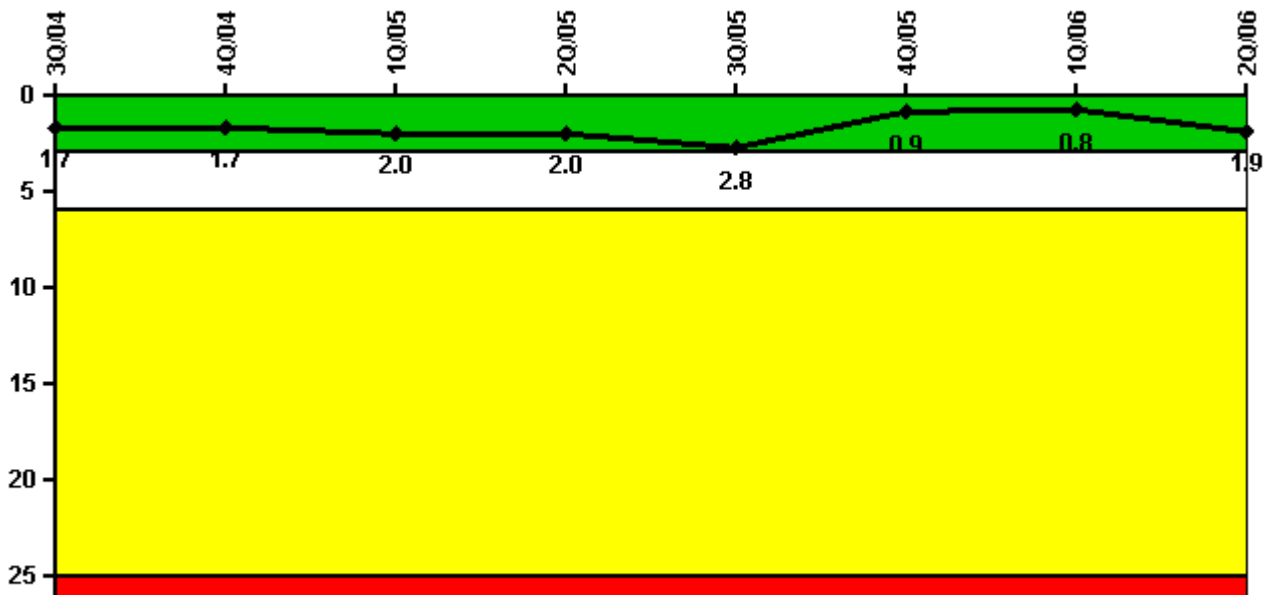
Last Modified: May 5, 2006

Saint Lucie 2

2Q/2006 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



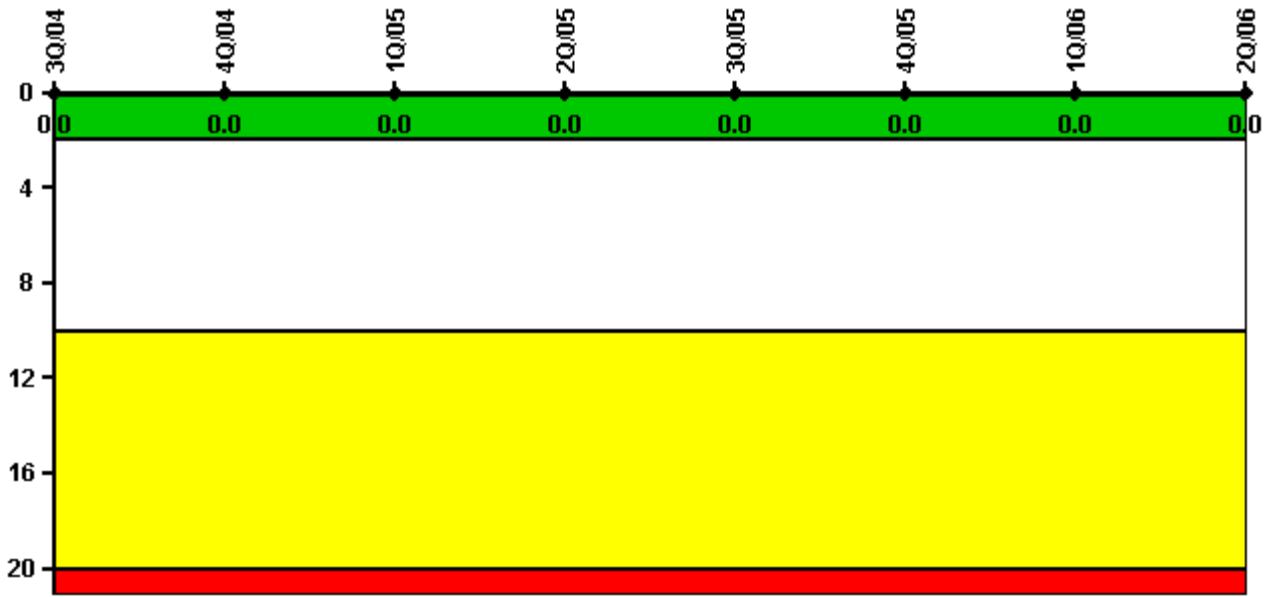
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Unplanned scrams	0	2.0	0	0	1.0	0	0	1.0
Critical hours	1750.1	1984.6	1181.7	2183.0	2185.1	2123.9	2072.0	989.1
Indicator value	1.7	1.7	2.0	2.0	2.8	0.9	0.8	1.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



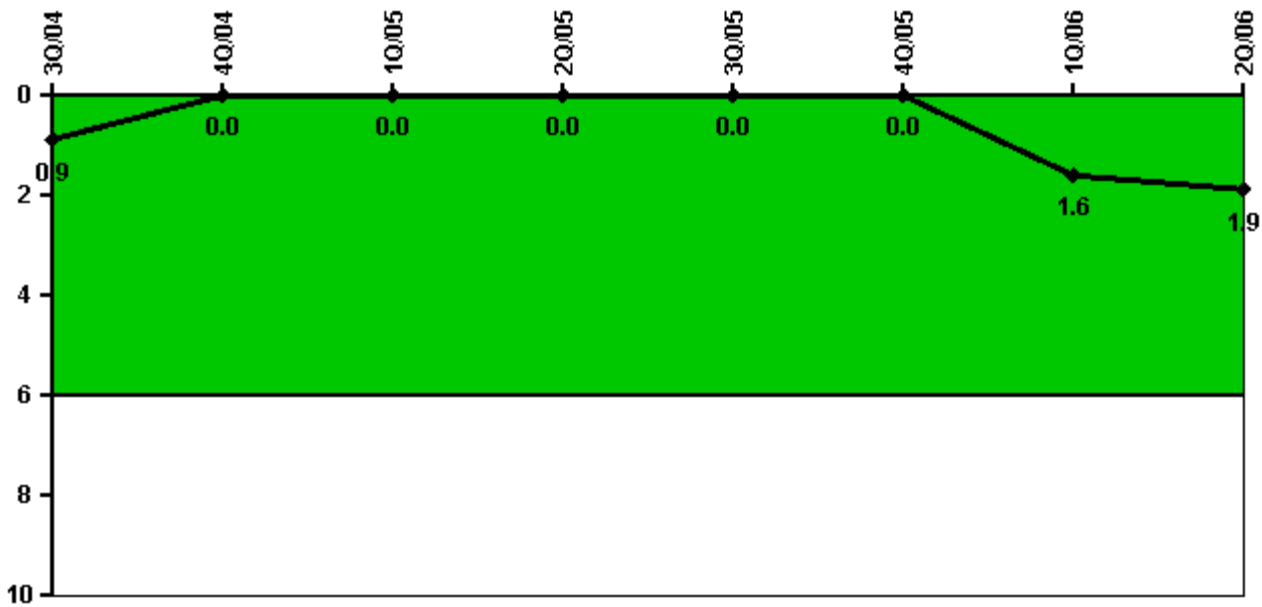
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
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



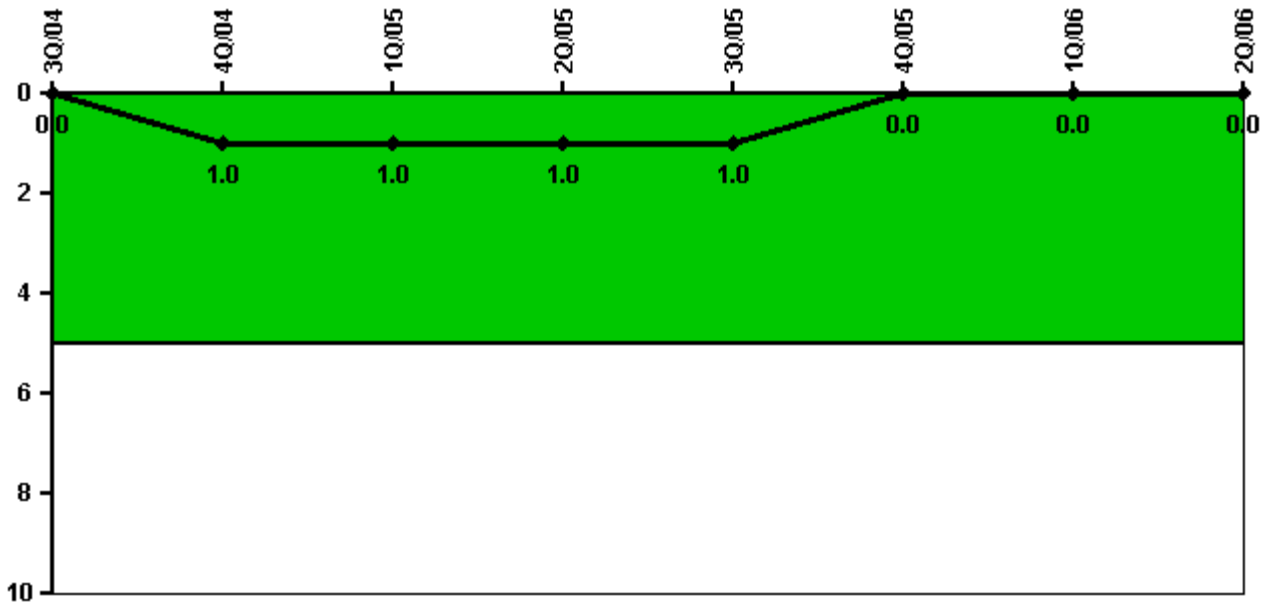
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Unplanned power changes	0	0	0	0	0	0	2.0	0
Critical hours	1750.1	1984.6	1181.7	2183.0	2185.1	2123.9	2072.0	989.1
Indicator value	0.9	0	0	0	0	0	1.6	1.9

Licensee Comments: none

Safety System Functional Failures (PWR)



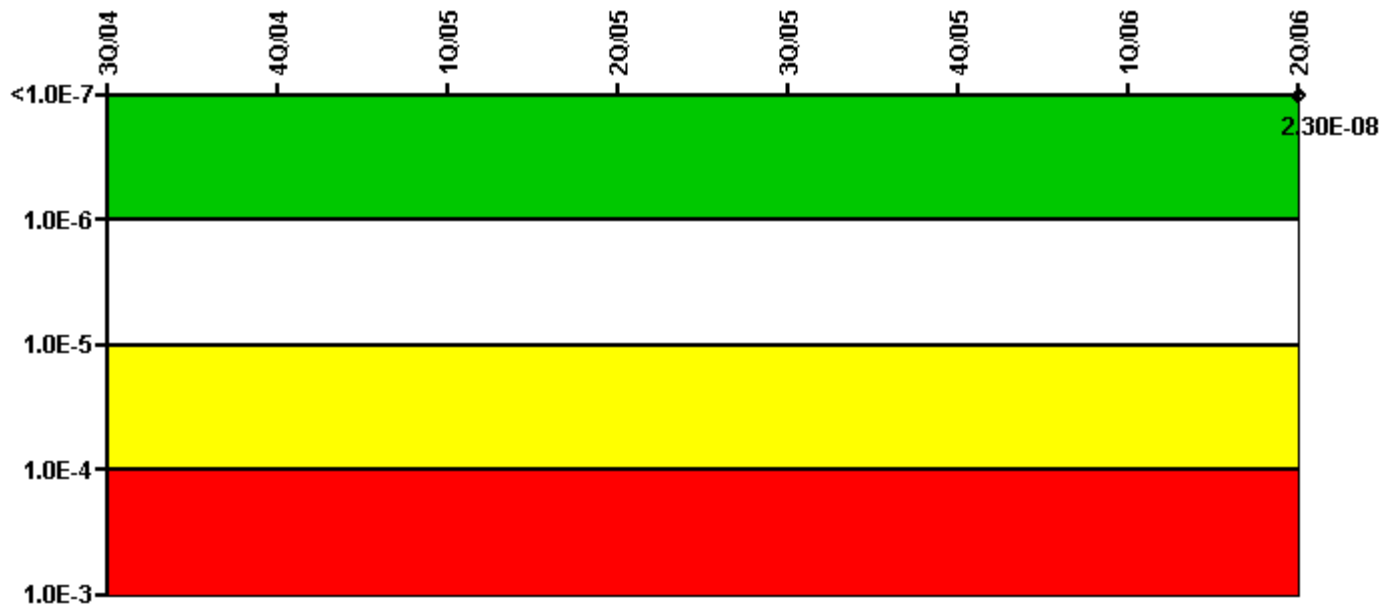
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Safety System Functional Failures	0	1	0	0	0	0	0	0
Indicator value	0	1	1	1	1	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



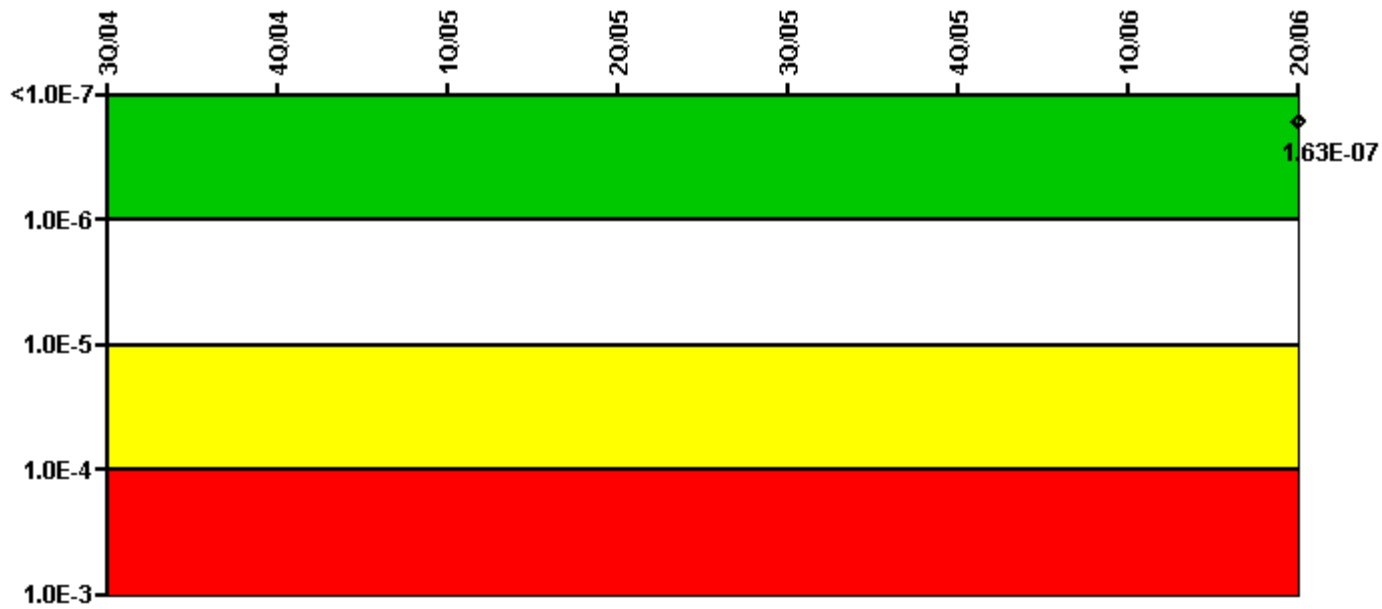
Thresholds: White $> 1.00E-6$ Yellow $> 1.00E-5$ Red $> 1.00E-4$

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (Δ CDF)								5.20E-08
URI (Δ CDF)								-2.90E-08
PLE								NO
Indicator value								2.30E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



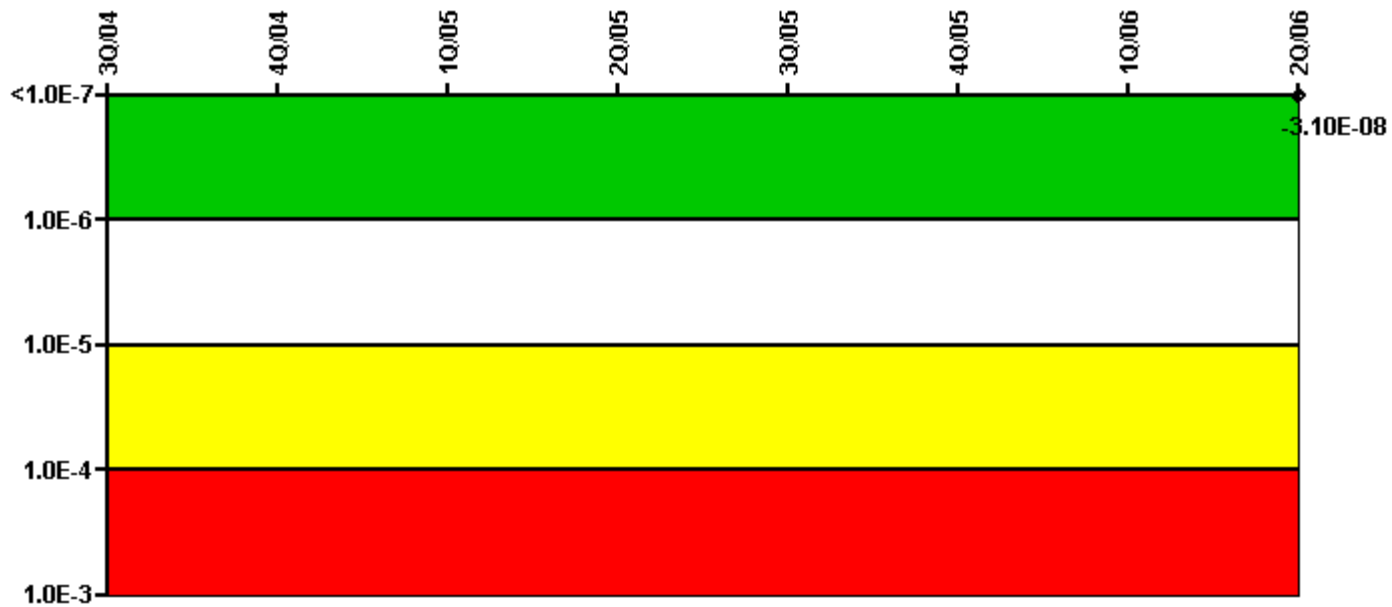
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (Δ CDF)								2.10E-07
URI (Δ CDF)								-4.70E-08
PLE								NO
Indicator value								1.63E-07

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



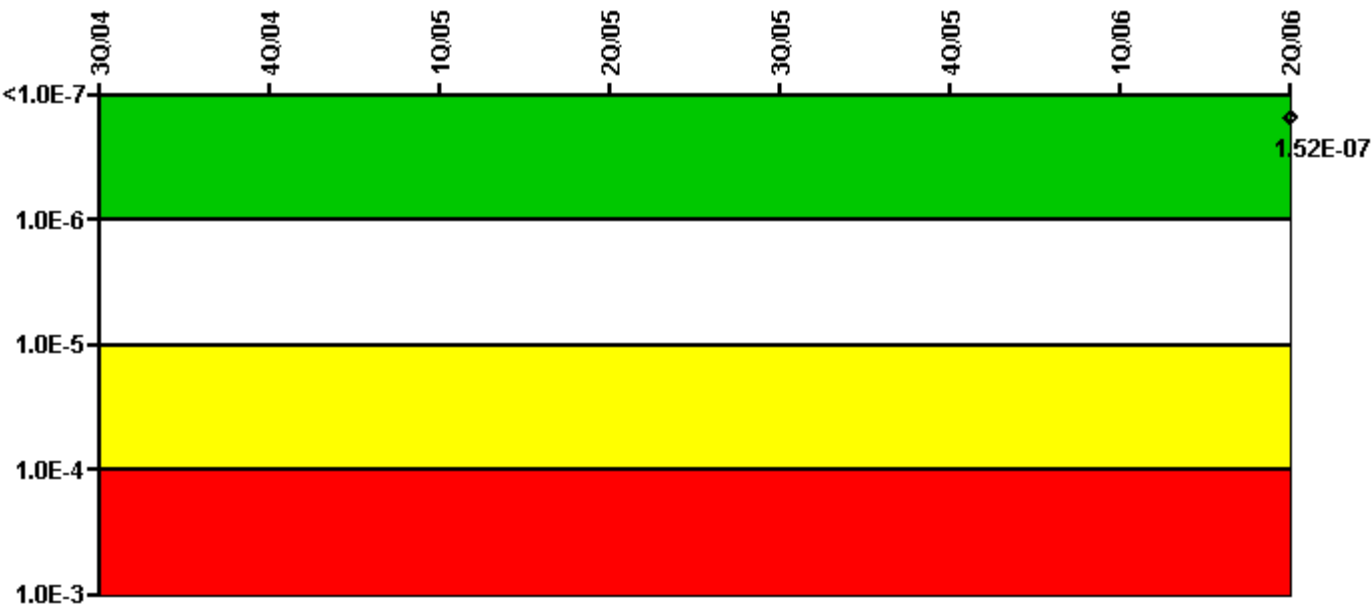
Thresholds: White $> 1.00E-6$ Yellow $> 1.00E-5$ Red $> 1.00E-4$

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (Δ CDF)								8.90E-08
URI (Δ CDF)								-1.20E-07
PLE								NO
Indicator value								-3.10E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



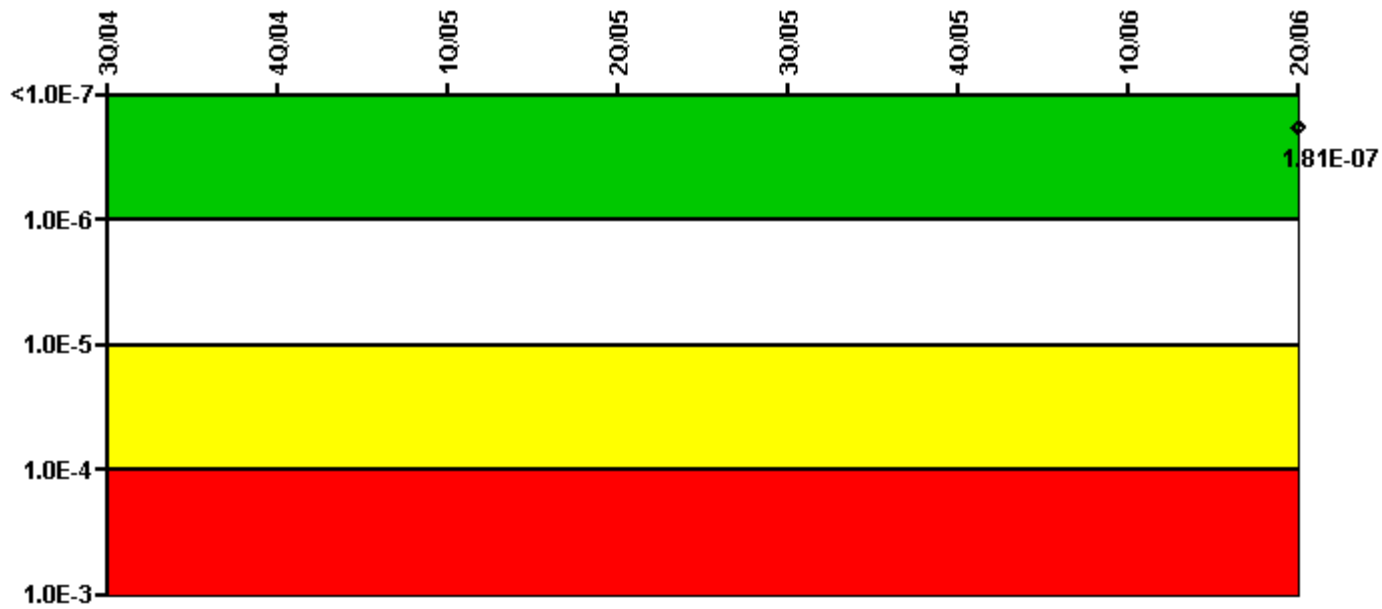
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (ΔCDF)								1.90E-09
URI (ΔCDF)								1.50E-07
PLE								NO
Indicator value								1.52E-07

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



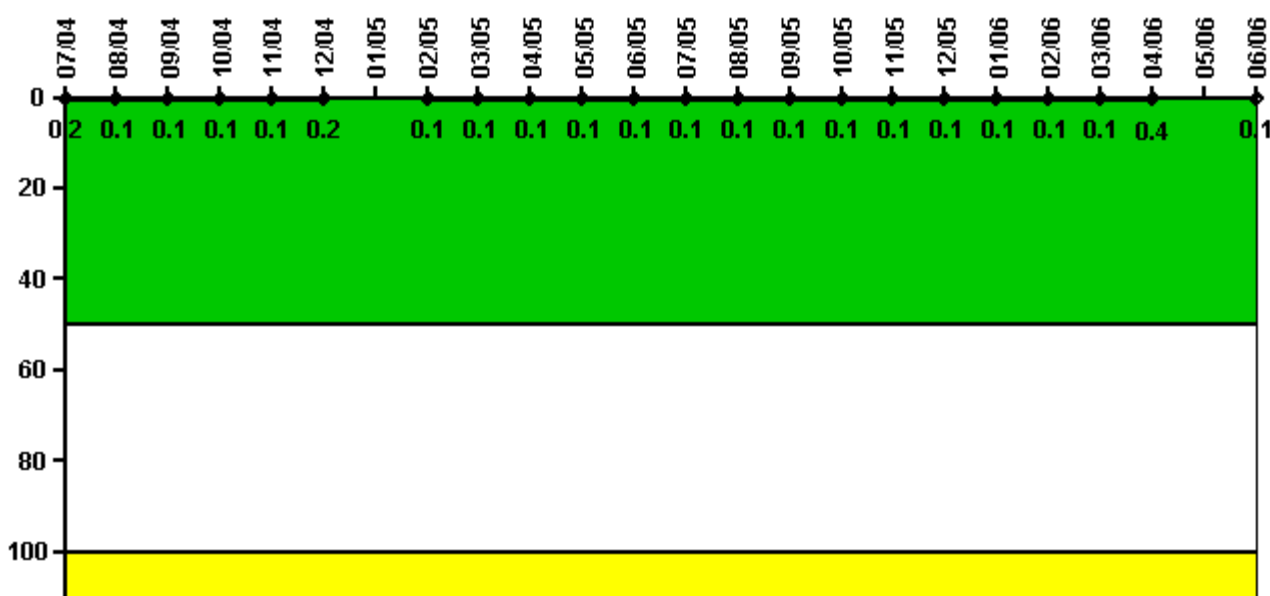
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (ΔCDF)								1.40E-07
URI (ΔCDF)								4.10E-08
PLE								NO
Indicator value								1.81E-07

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

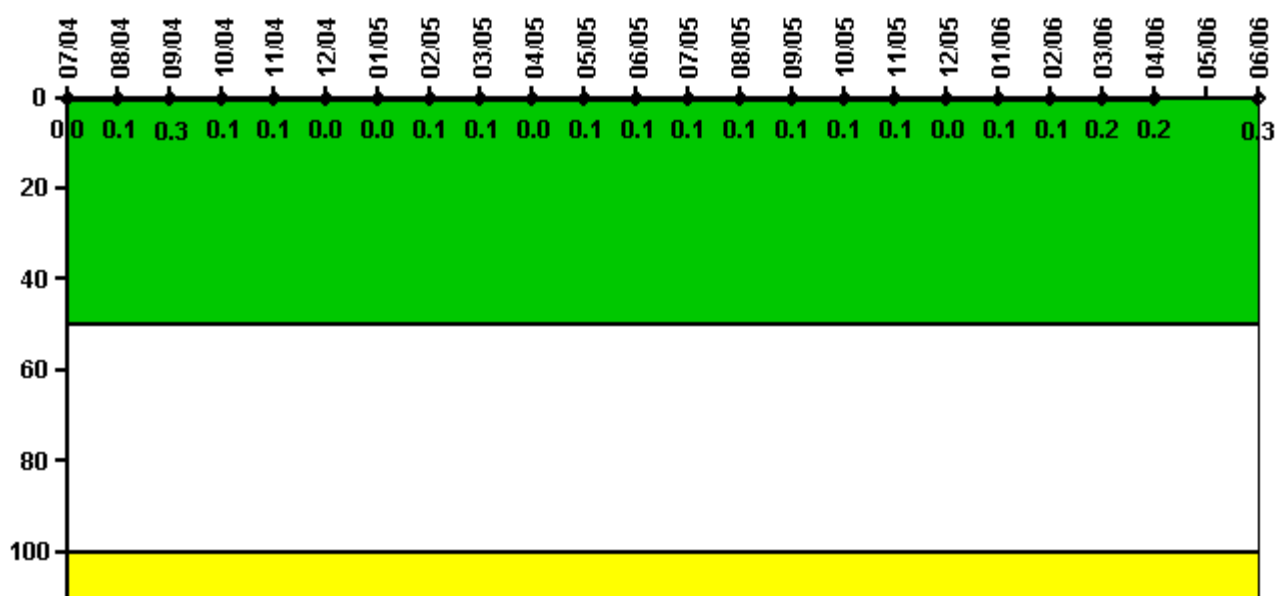
Notes

Reactor Coolant System Activity	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05
Maximum activity	0.001770	0.001140	0.001010	0.001150	0.001150	0.002140	N/A	0.000735	0.001230	0.000853	0.000853	0.000889
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.2	0.1	0.1	0.1	0.1	0.2	N/A	0.1	0.1	0.1	0.1	0.1

Reactor Coolant System Activity	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06
Maximum activity	0.001010	0.000921	0.000983	0.000922	0.000988	0.000994	0.001070	0.001060	0.001120	0.004150	N/A	0.000833
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.4	N/A	0.1

Licensee Comments: none

Reactor Coolant System Leakage



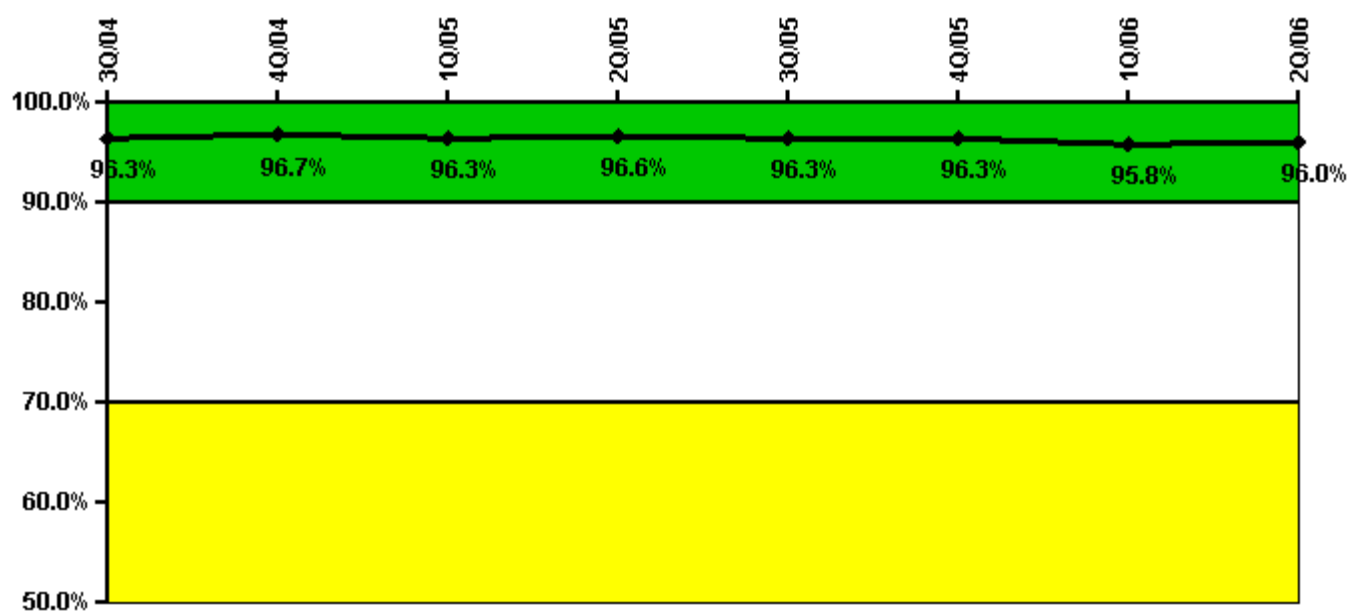
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05
Maximum leakage	0.003	0.008	0.030	0.010	0.010	0	0	0.010	0.010	0	0.010	0.010
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0.1	0.3	0.1	0.1	0	0	0.1	0.1	0	0.1	0.1
Reactor Coolant System Leakage	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06
Maximum leakage	0.010	0.010	0.005	0.010	0.010	0	0.010	0.005	0.018	0.020	N/A	0.030
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0	0.1	0.1	0.2	0.2	N/A	0.3

Licensee Comments: none

Drill/Exercise Performance



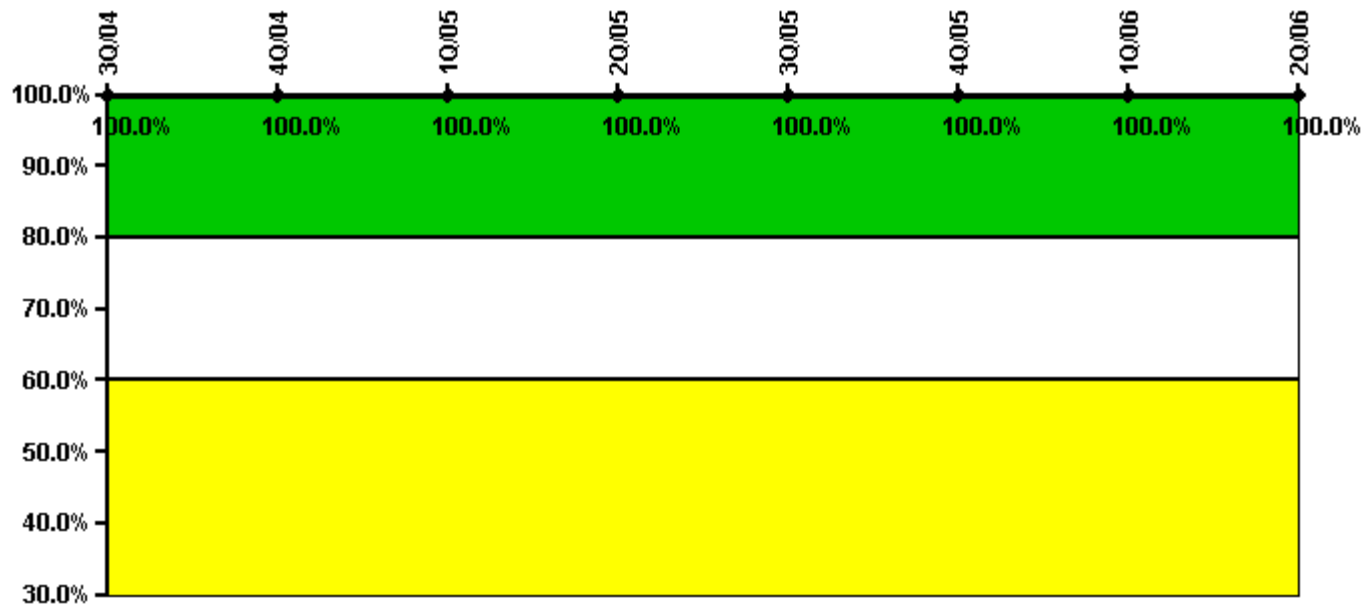
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Successful opportunities	60.0	28.0	39.0	88.0	67.0	9.0	49.0	66.0
Total opportunities	63.0	28.0	41.0	90.0	71.0	10.0	52.0	68.0
Indicator value	96.3%	96.7%	96.3%	96.6%	96.3%	96.3%	95.8%	96.0%

Licensee Comments: none

ERO Drill Participation



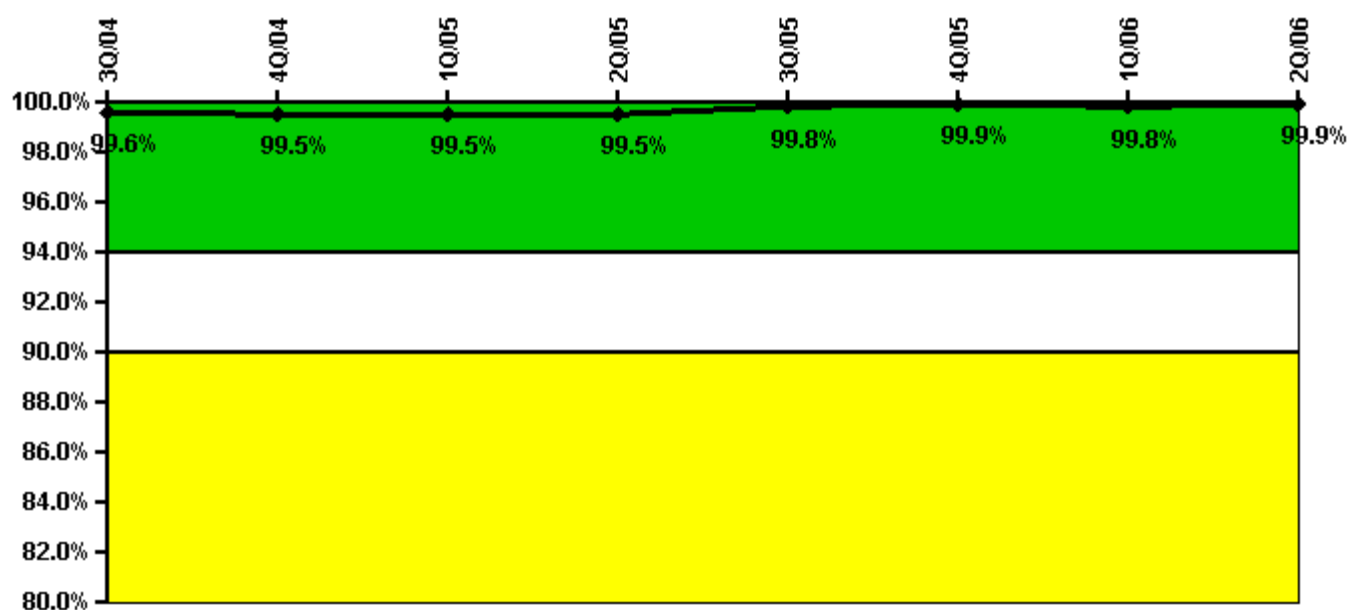
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Participating Key personnel	86.0	86.0	89.0	87.0	88.0	87.0	81.0	91.0
Total Key personnel	86.0	86.0	89.0	87.0	88.0	87.0	81.0	91.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



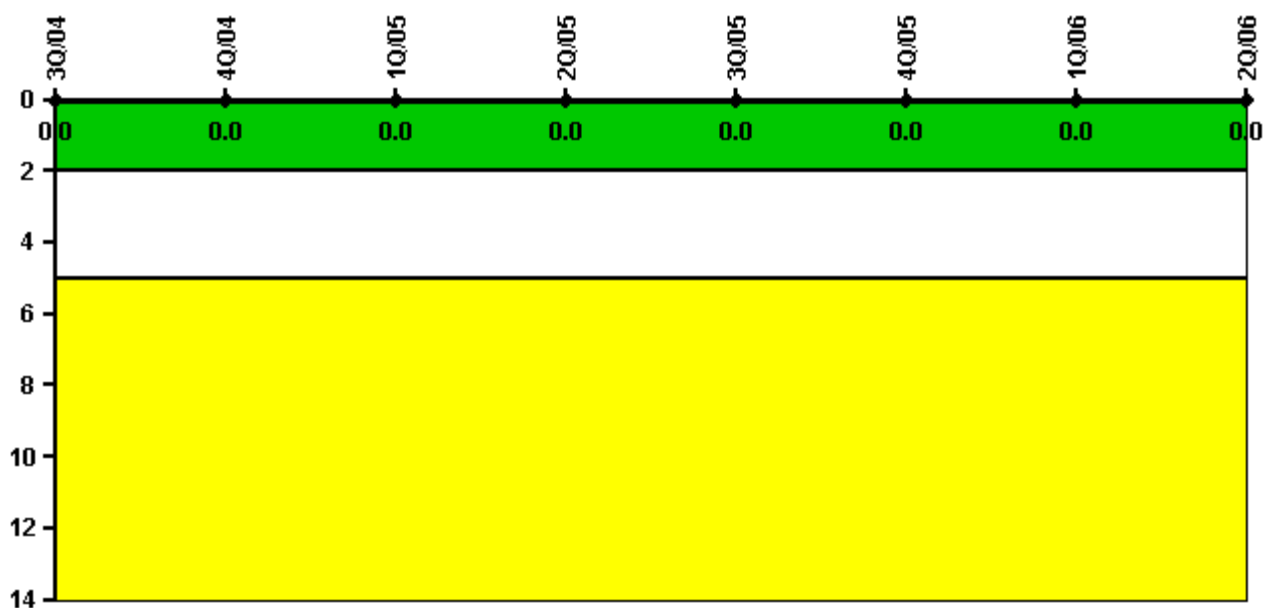
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Successful siren-tests	614	621	712	621	711	536	719	630
Total sirens-tests	623	623	712	623	712	536	720	630
Indicator value	99.6%	99.5%	99.5%	99.5%	99.8%	99.9%	99.8%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness

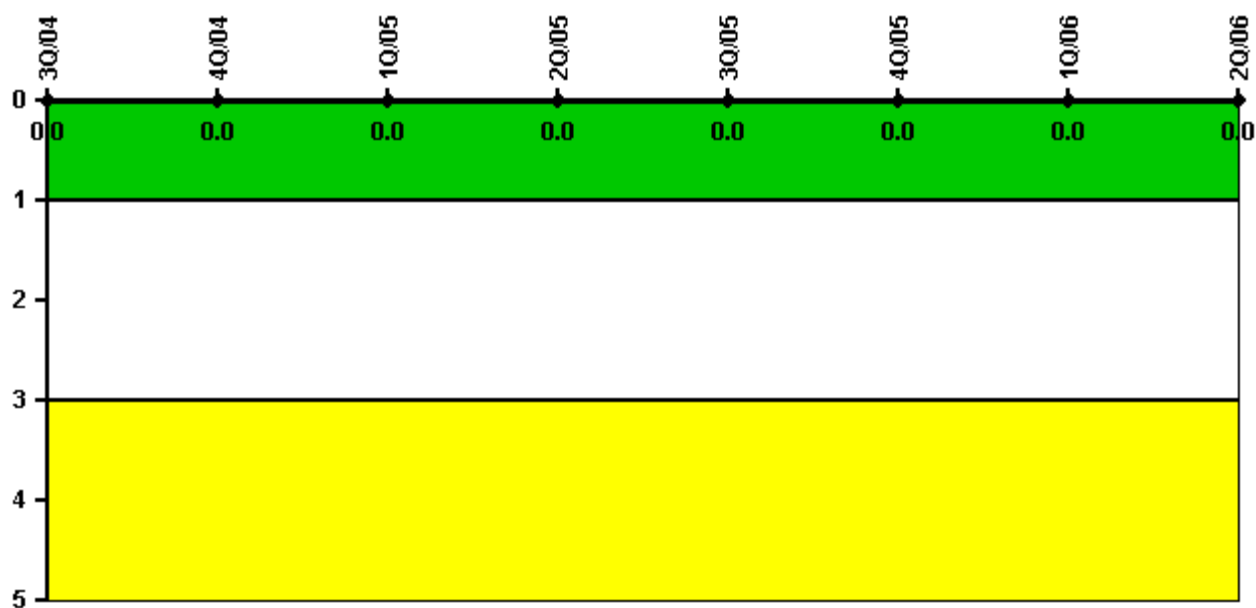


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
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/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
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.

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

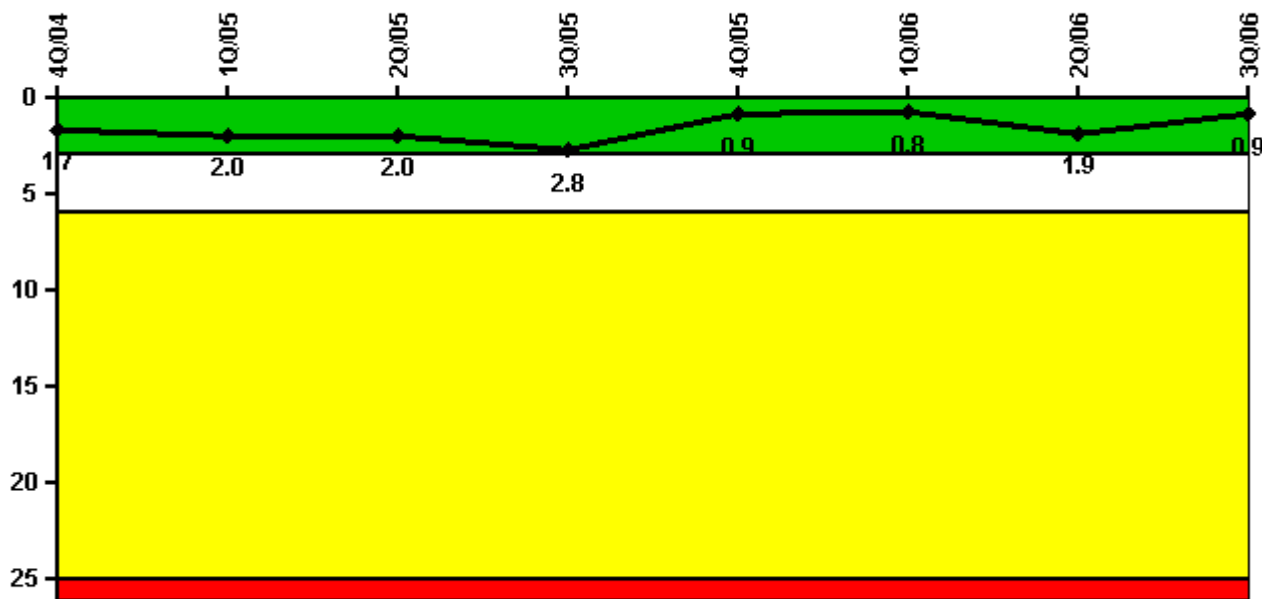
Last Modified: August 2, 2006

Saint Lucie 2

3Q/2006 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



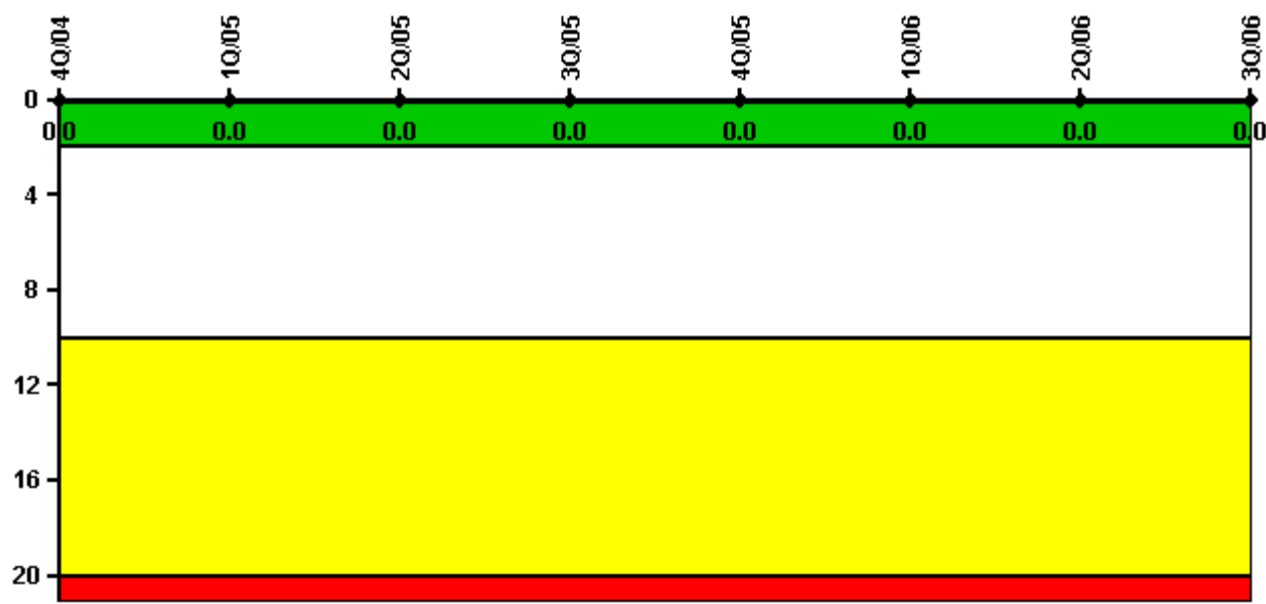
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Unplanned scrams	2.0	0	0	1.0	0	0	1.0	0
Critical hours	1984.6	1181.7	2183.0	2185.1	2123.9	2072.0	989.1	2208.0
Indicator value	1.7	2.0	2.0	2.8	0.9	0.8	1.9	0.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



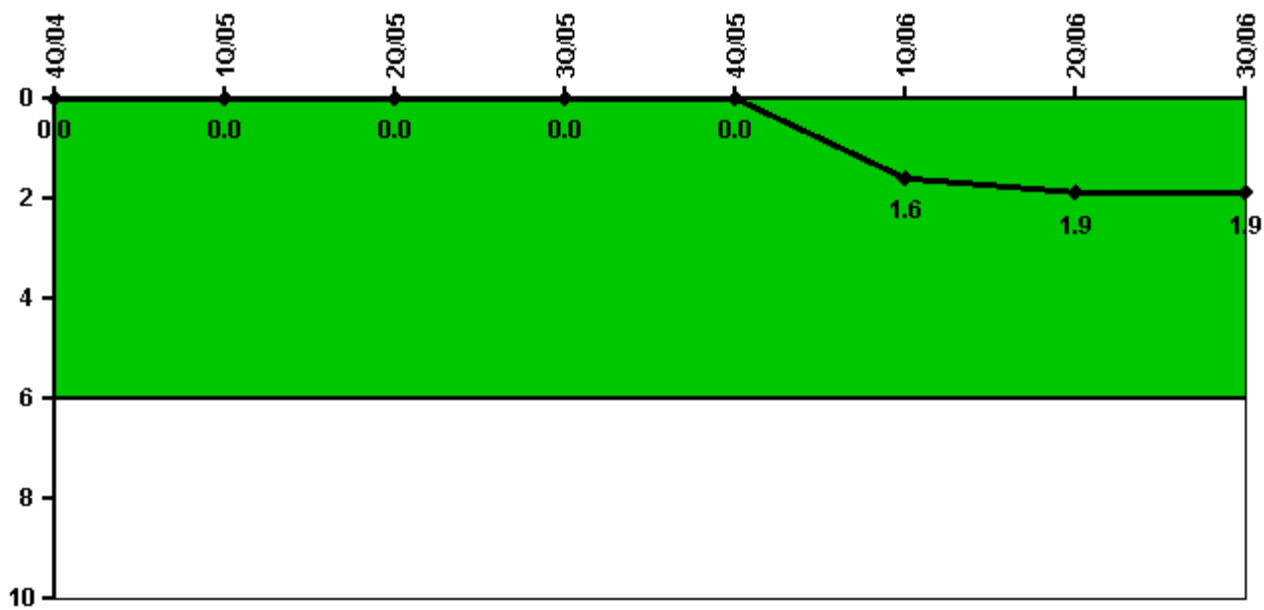
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
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



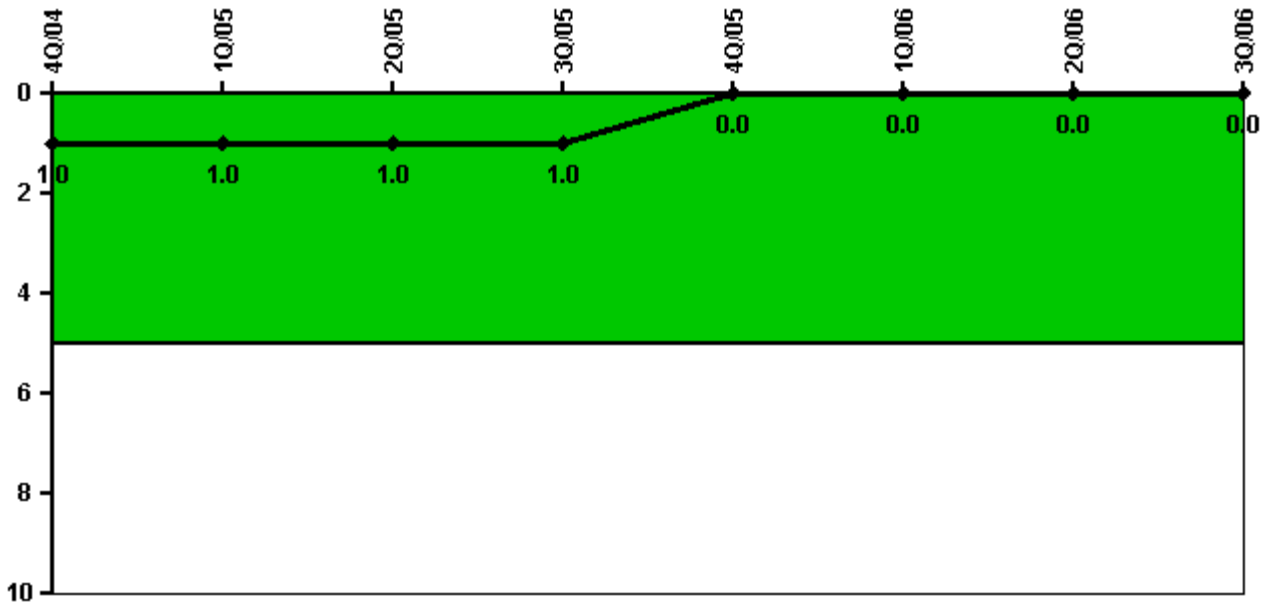
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Unplanned power changes	0	0	0	0	0	2.0	0	0
Critical hours	1984.6	1181.7	2183.0	2185.1	2123.9	2072.0	989.1	2208.0
Indicator value	0	0	0	0	0	1.6	1.9	1.9

Licensee Comments: none

Safety System Functional Failures (PWR)



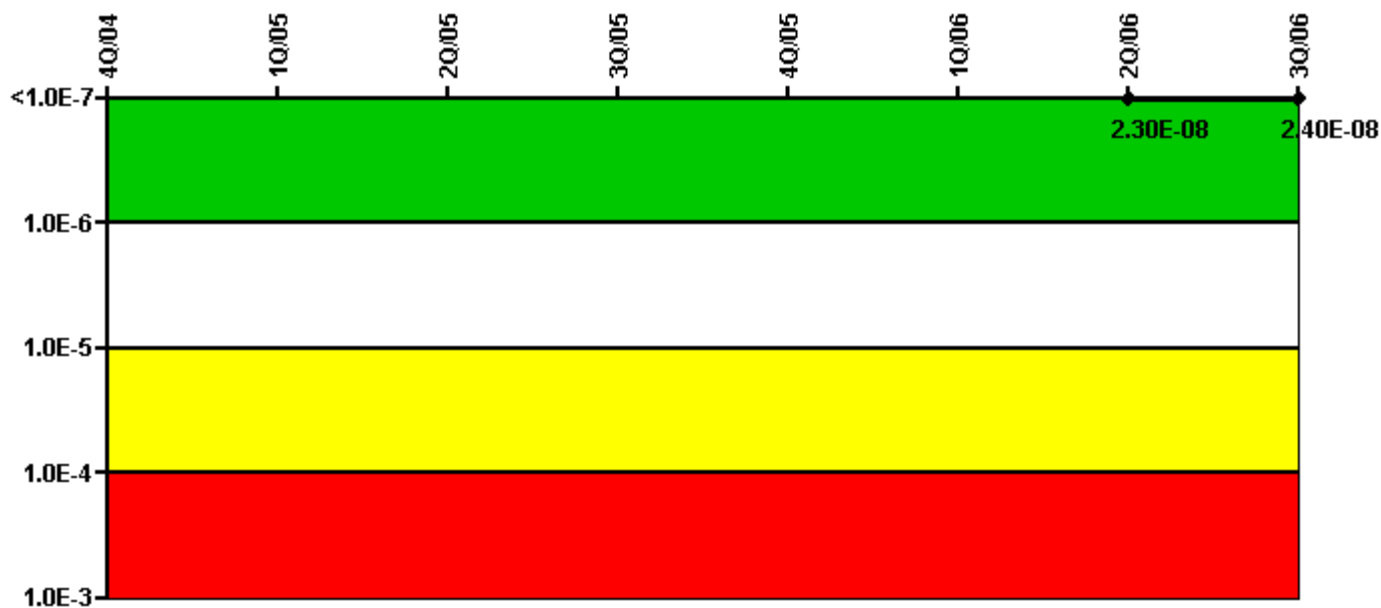
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Safety System Functional Failures	1	0	0	0	0	0	0	0
Indicator value	1	1	1	1	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



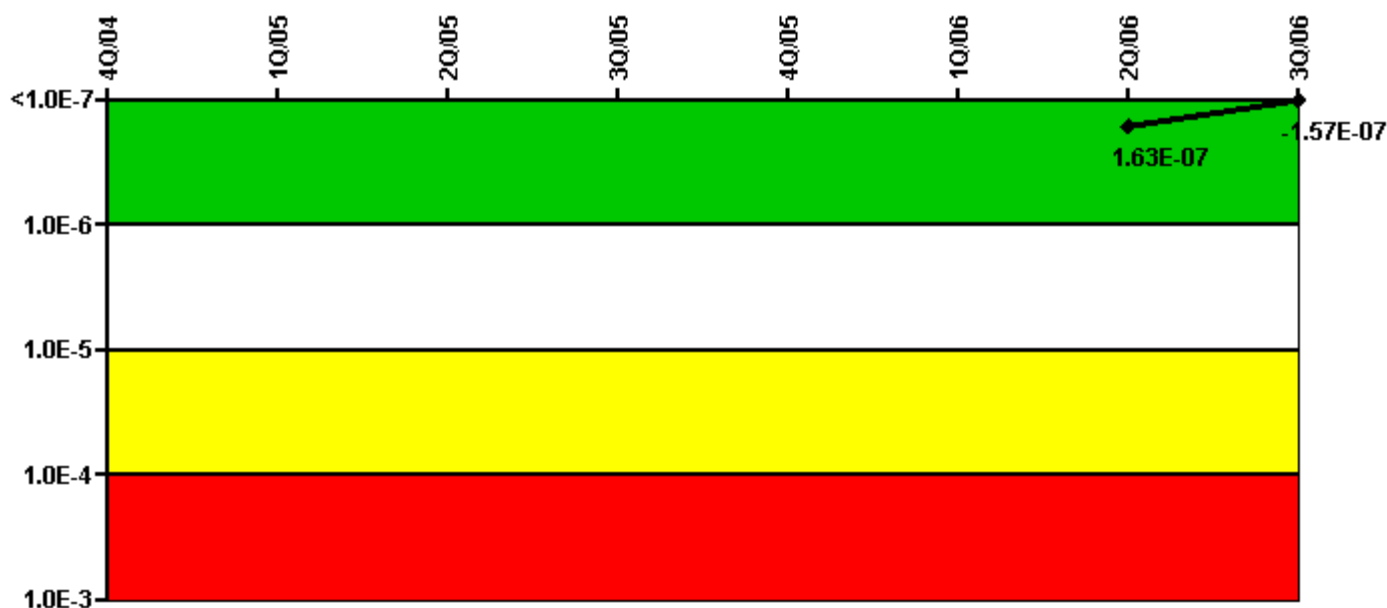
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (Δ CDF)							5.20E-08	5.30E-08
URI (Δ CDF)							-2.90E-08	-2.90E-08
PLE							NO	NO
Indicator value							2.30E-08	2.40E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



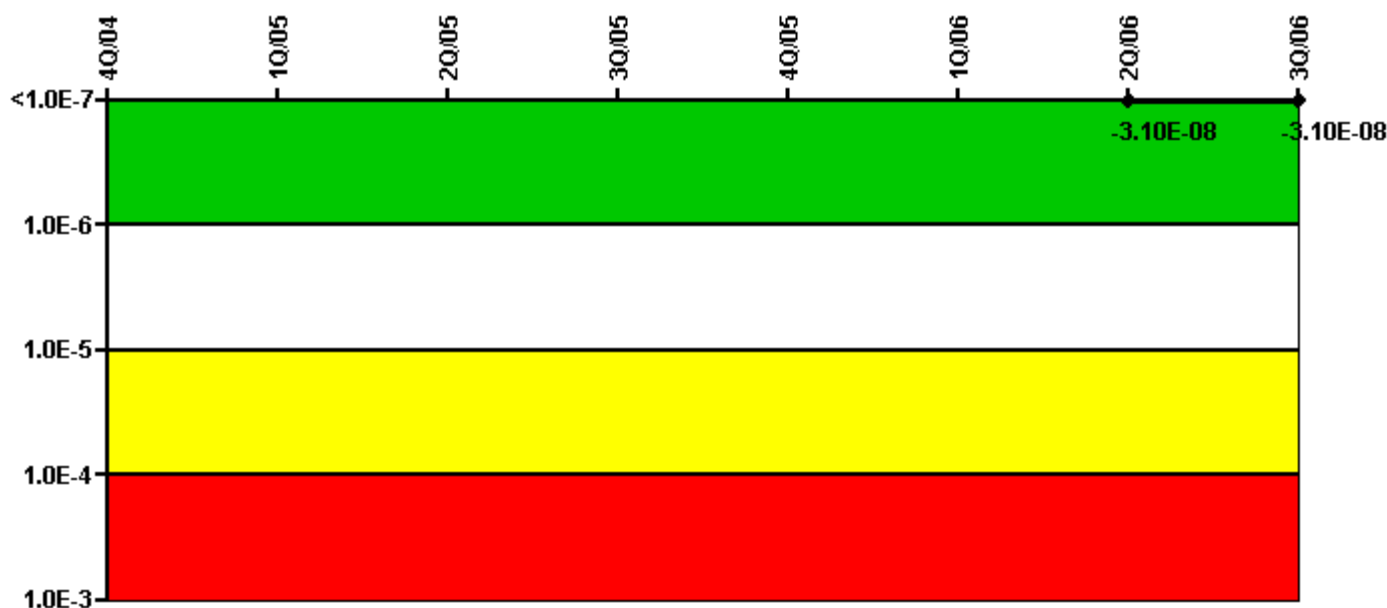
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (ΔCDF)							2.10E-07	6.30E-08
URI (ΔCDF)							-4.70E-08	-2.20E-07
PLE							NO	NO
Indicator value							1.63E-07	-1.57E-07

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



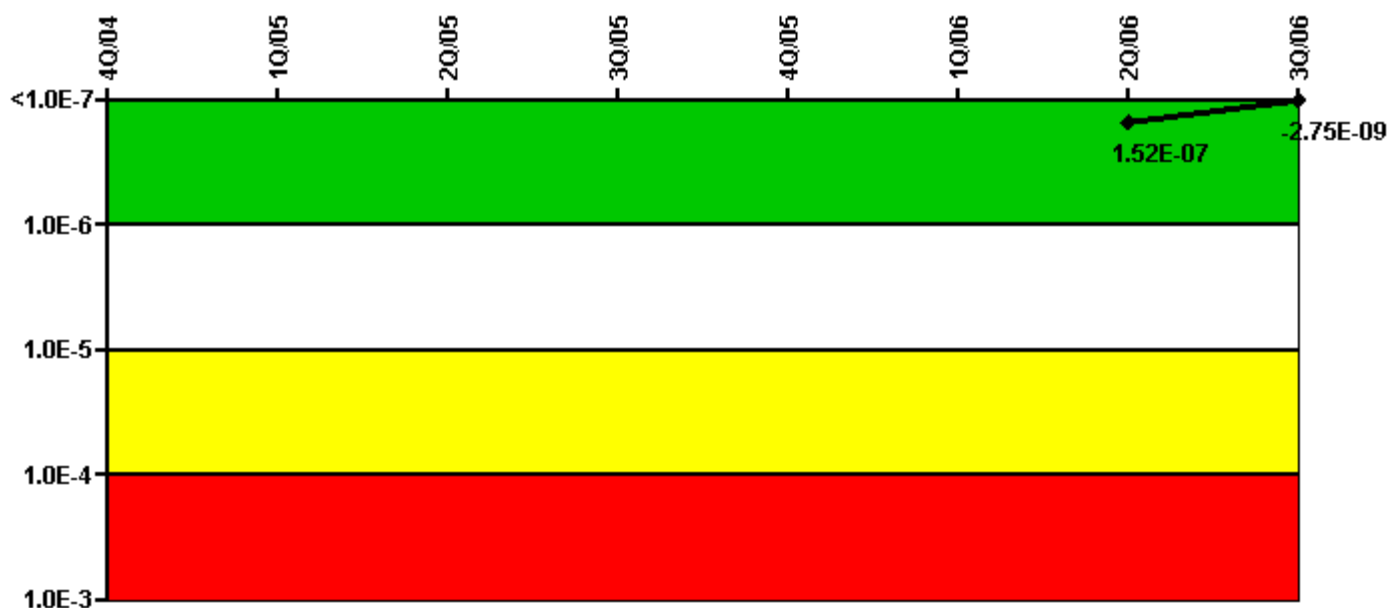
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (ΔCDF)							8.90E-08	8.90E-08
URI (ΔCDF)							-1.20E-07	-1.20E-07
PLE							NO	NO
Indicator value							-3.10E-08	-3.10E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



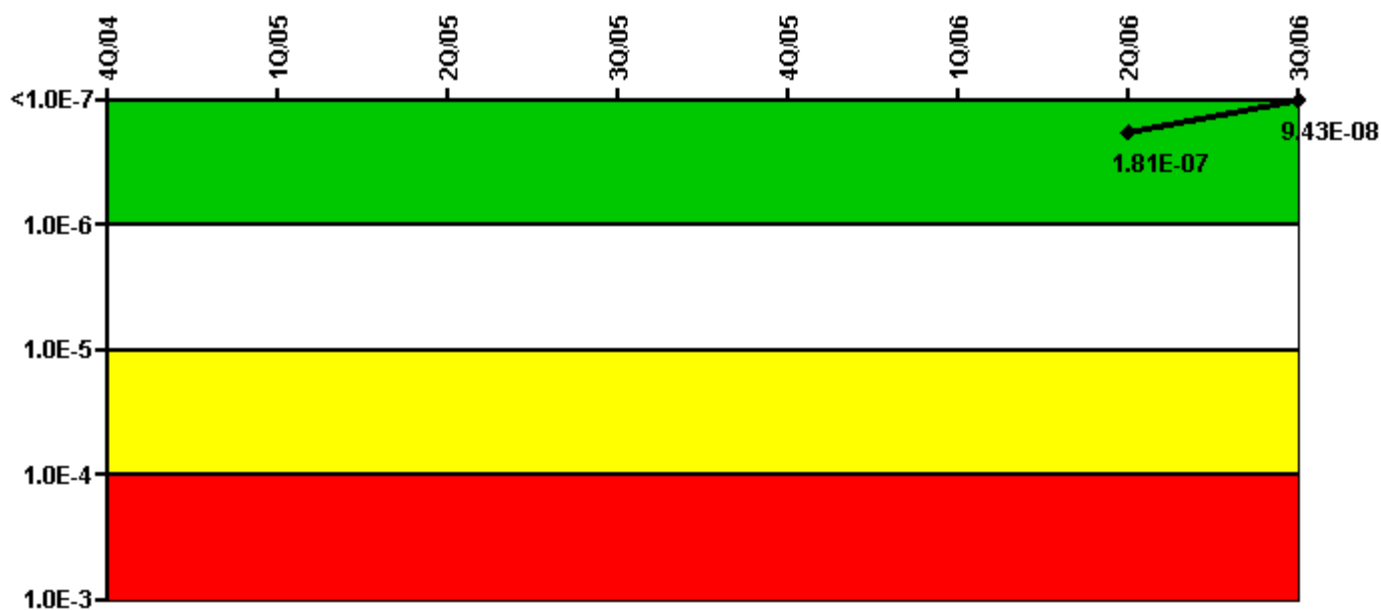
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (Δ CDF)							1.90E-09	6.50E-10
URI (Δ CDF)							1.50E-07	-3.40E-09
PLE							NO	NO
Indicator value							1.52E-07	-2.75E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



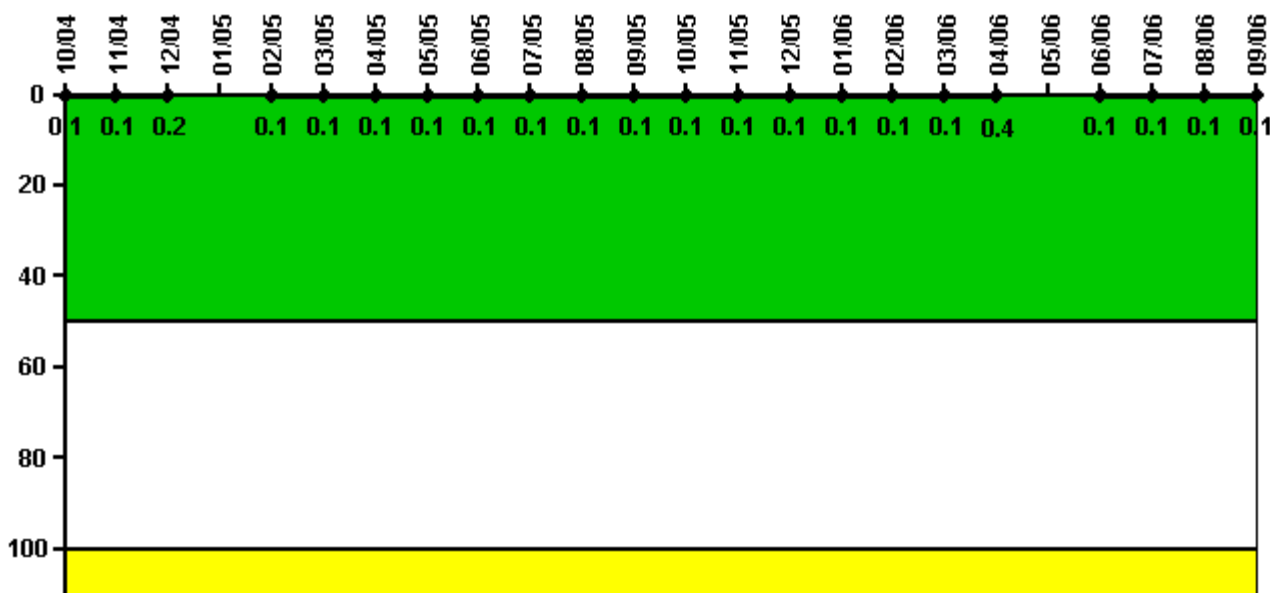
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (ΔCDF)							1.40E-07	9.60E-08
URI (ΔCDF)							4.10E-08	-1.70E-09
PLE							NO	NO
Indicator value							1.81E-07	9.43E-08

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

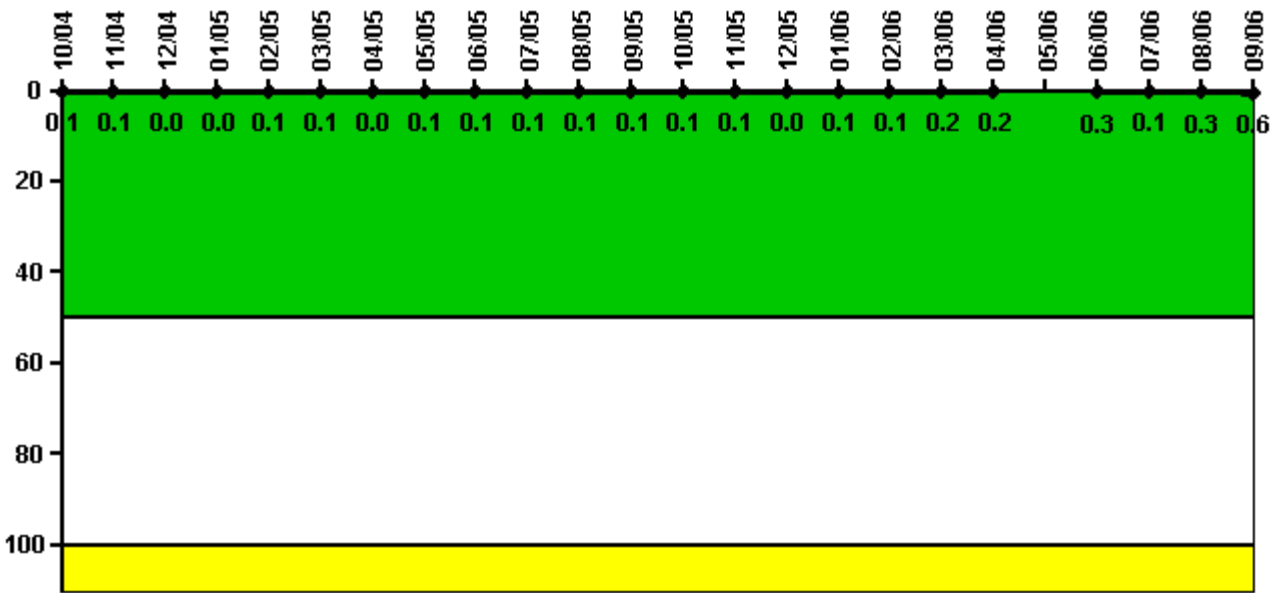
Notes

Reactor Coolant System Activity	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05
Maximum activity	0.001150	0.001150	0.002140	N/A	0.000735	0.001230	0.000853	0.000853	0.000889	0.001010	0.000921	0.000983
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.2	N/A	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Reactor Coolant System Activity	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06
Maximum activity	0.000922	0.000988	0.000994	0.001070	0.001060	0.001120	0.004150	N/A	0.000833	0.000639	0.000702	0.000690
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.4	N/A	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

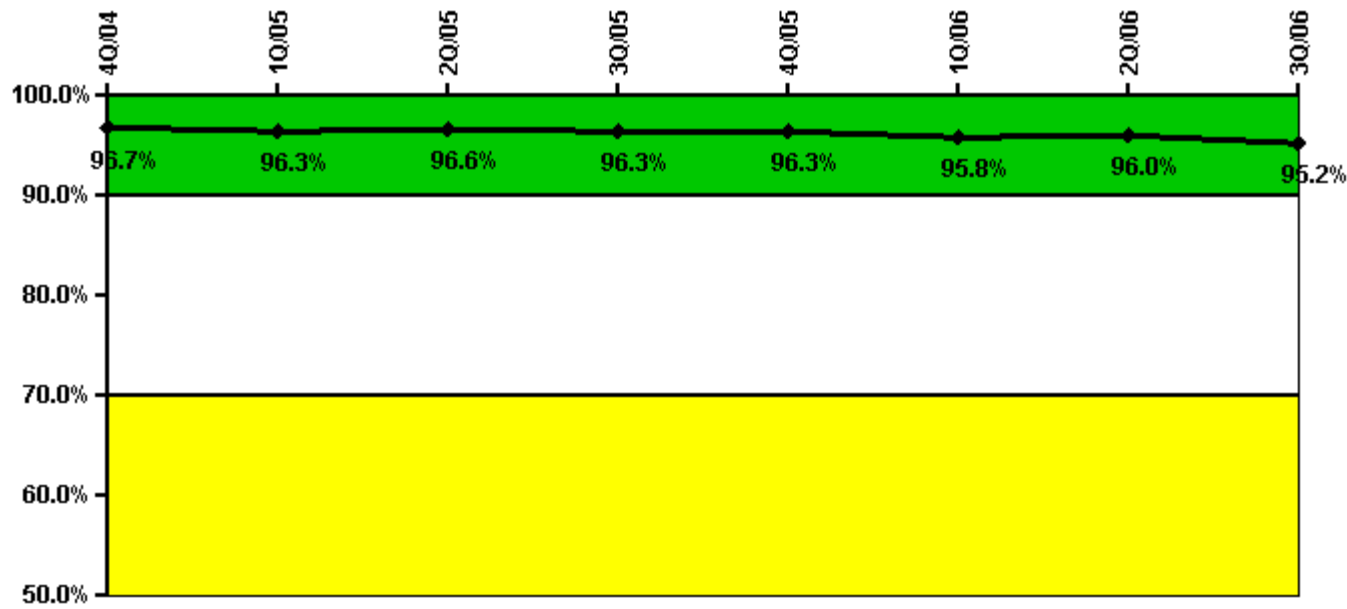
Notes

Reactor Coolant System Leakage	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05
Maximum leakage	0.010	0.010	0	0	0.010	0.010	0	0.010	0.010	0.010	0.010	0.005
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.1	0	0	0.1	0.1	0	0.1	0.1	0.1	0.1	0.1

Reactor Coolant System Leakage	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06
Maximum leakage	0.010	0.010	0	0.010	0.005	0.018	0.020	N/A	0.030	0.010	0.030	0.060
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.1	0	0.1	0.1	0.2	0.2	N/A	0.3	0.1	0.3	0.6

Licensee Comments: none

Drill/Exercise Performance



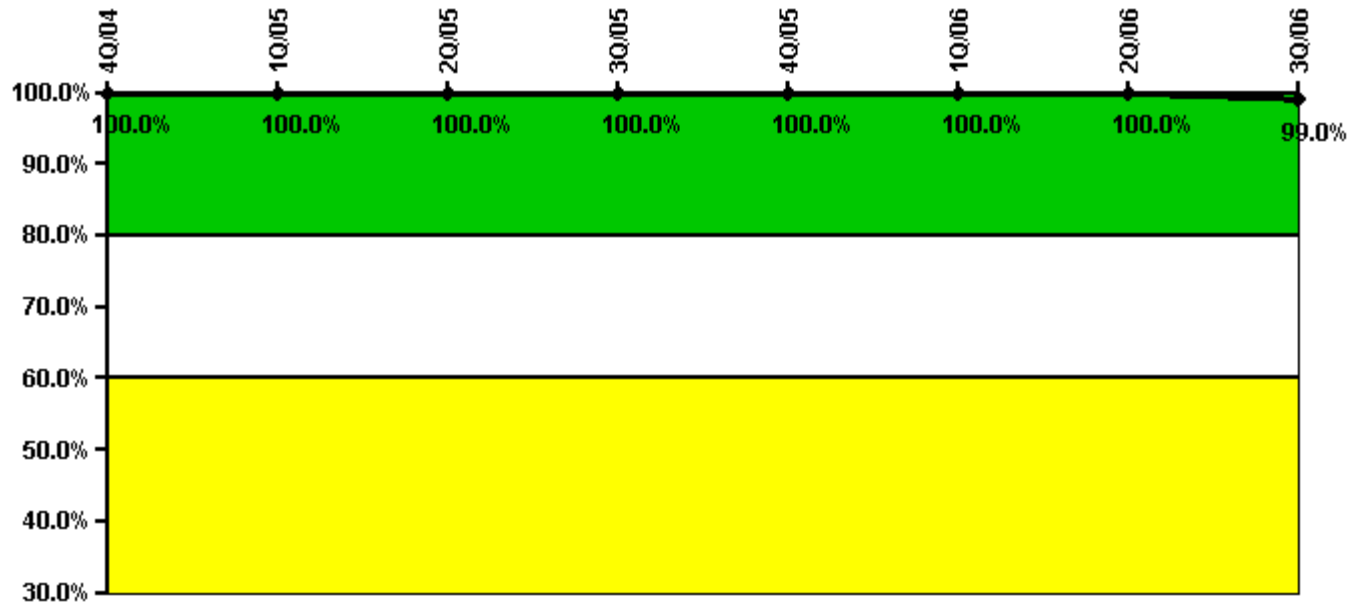
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Successful opportunities	28.0	39.0	88.0	67.0	9.0	49.0	66.0	71.0
Total opportunities	28.0	41.0	90.0	71.0	10.0	52.0	68.0	78.0
Indicator value	96.7%	96.3%	96.6%	96.3%	96.3%	95.8%	96.0%	95.2%

Licensee Comments: none

ERO Drill Participation



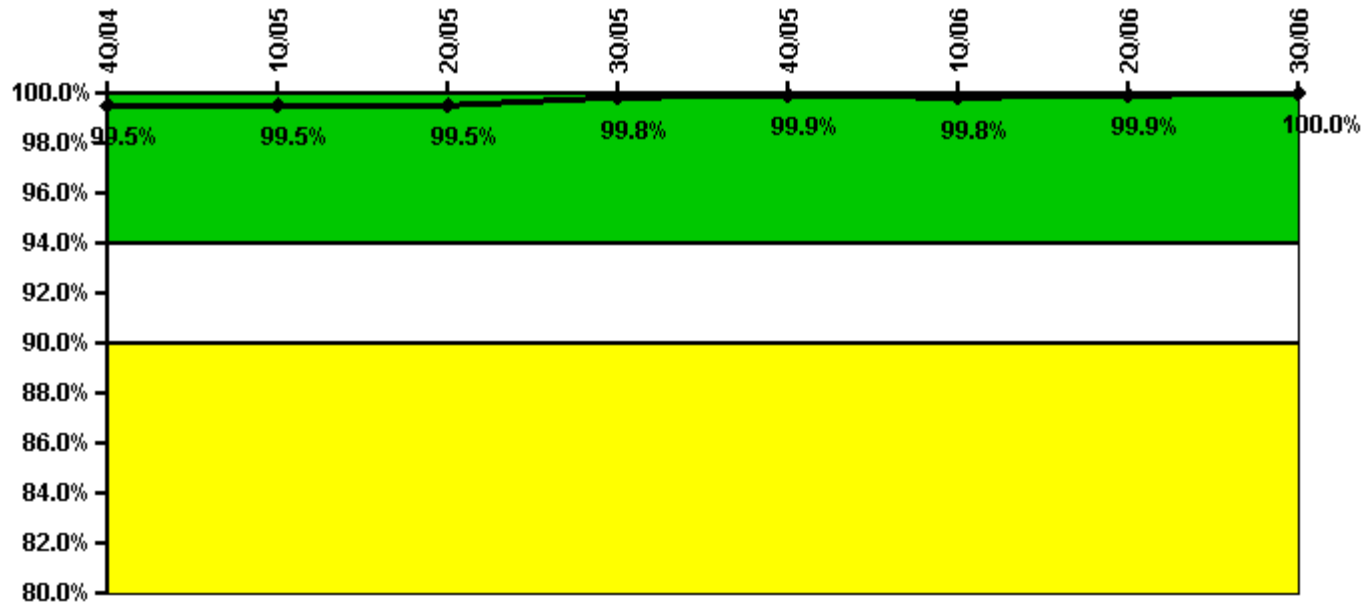
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Participating Key personnel	86.0	89.0	87.0	88.0	87.0	81.0	91.0	98.0
Total Key personnel	86.0	89.0	87.0	88.0	87.0	81.0	91.0	99.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	99.0%

Licensee Comments: none

Alert & Notification System



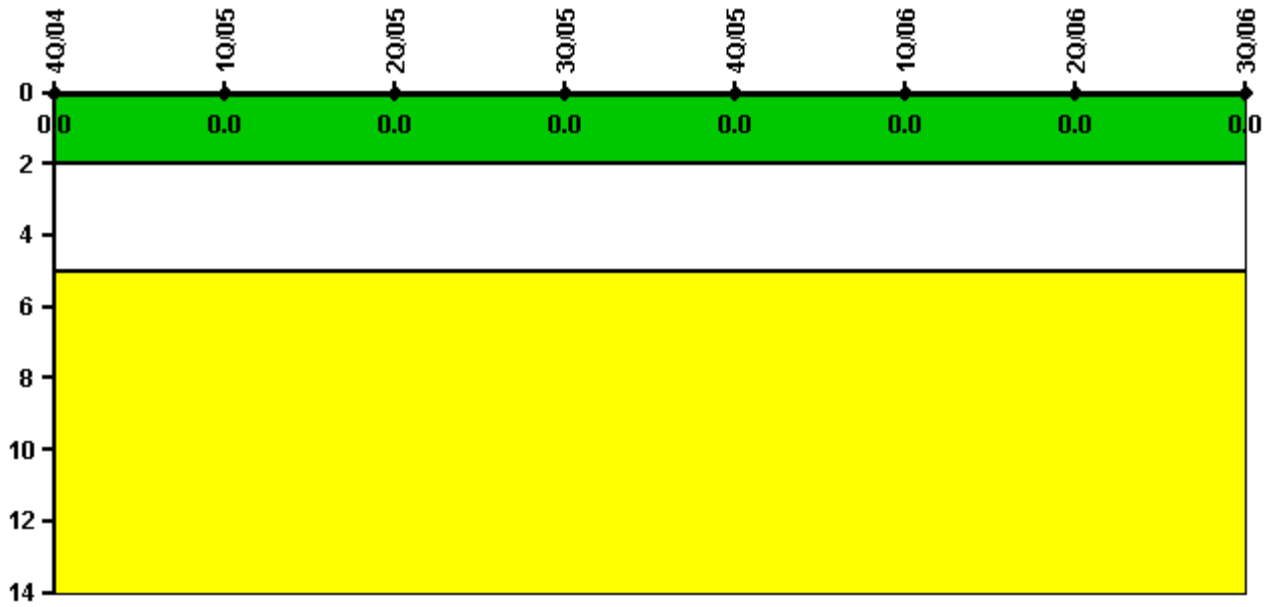
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Successful siren-tests	621	712	621	711	536	719	630	630
Total sirens-tests	623	712	623	712	536	720	630	630
Indicator value	99.5%	99.5%	99.5%	99.8%	99.9%	99.8%	99.9%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



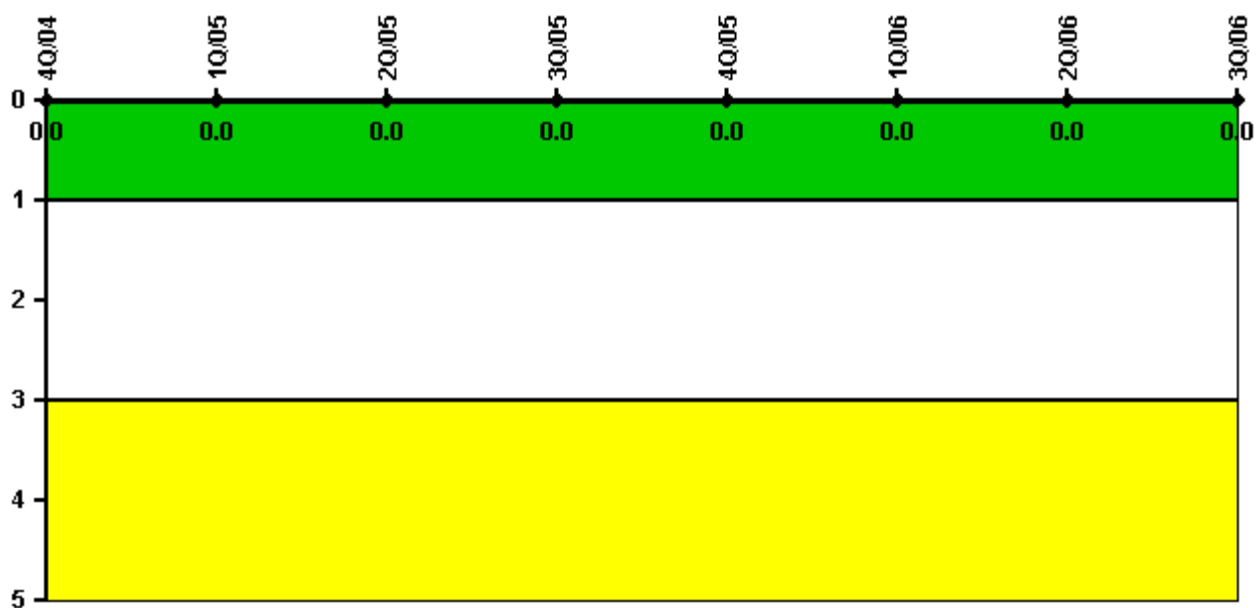
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
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/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

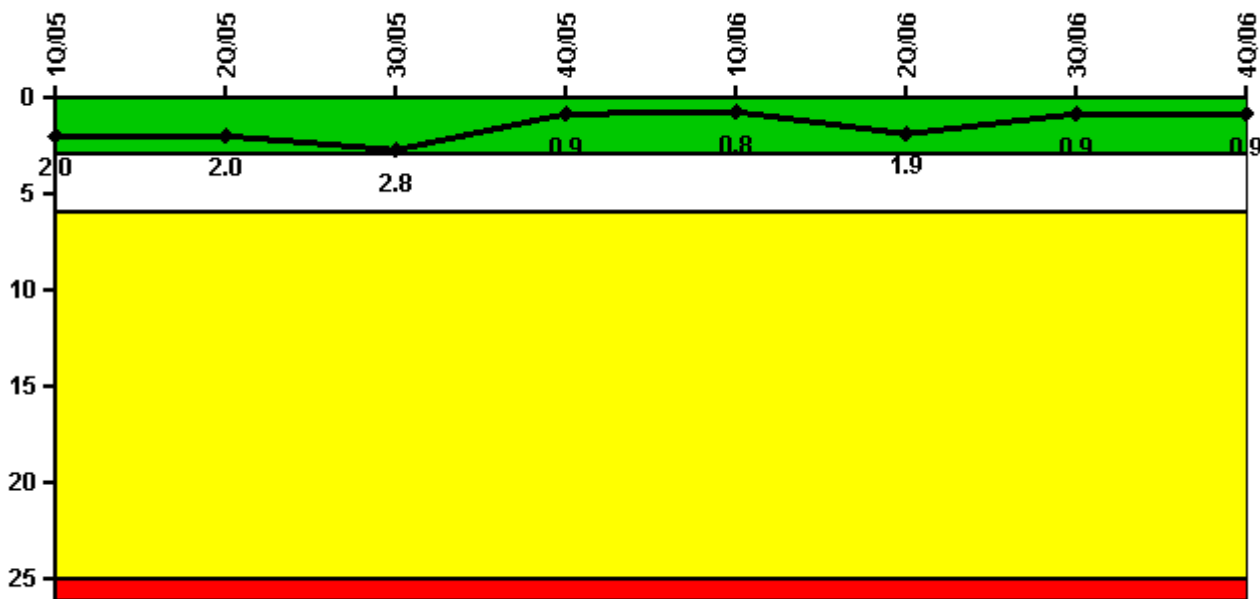
[Physical Protection](#) information not publicly available.

Saint Lucie 2

4Q/2006 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



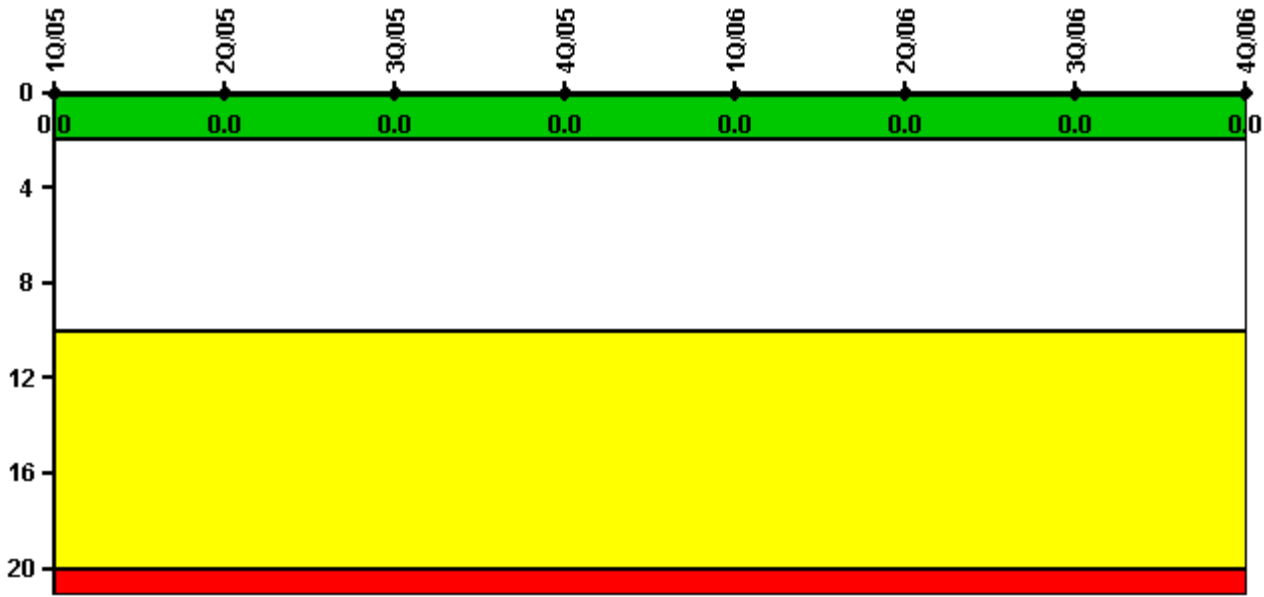
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Unplanned scrams	0	0	1.0	0	0	1.0	0	0
Critical hours	1181.7	2183.0	2185.1	2123.9	2072.0	989.1	2208.0	2209.0
Indicator value	2.0	2.0	2.8	0.9	0.8	1.9	0.9	0.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



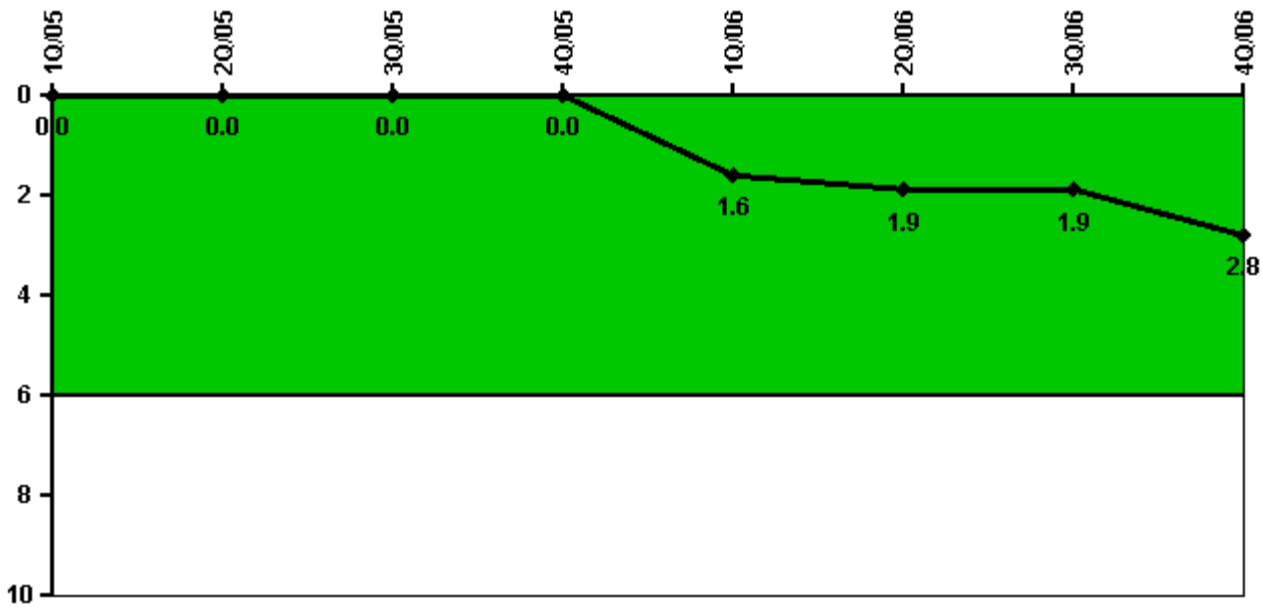
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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



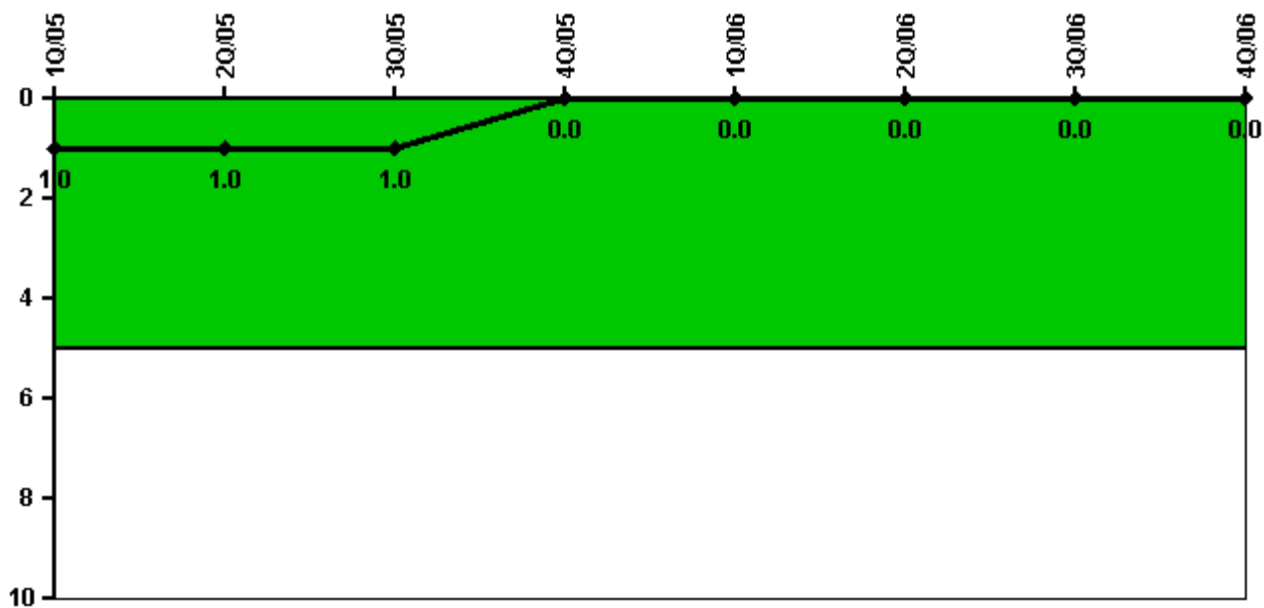
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Unplanned power changes	0	0	0	0	2.0	0	0	1.0
Critical hours	1181.7	2183.0	2185.1	2123.9	2072.0	989.1	2208.0	2209.0
Indicator value	0	0	0	0	1.6	1.9	1.9	2.8

Licensee Comments: none

Safety System Functional Failures (PWR)



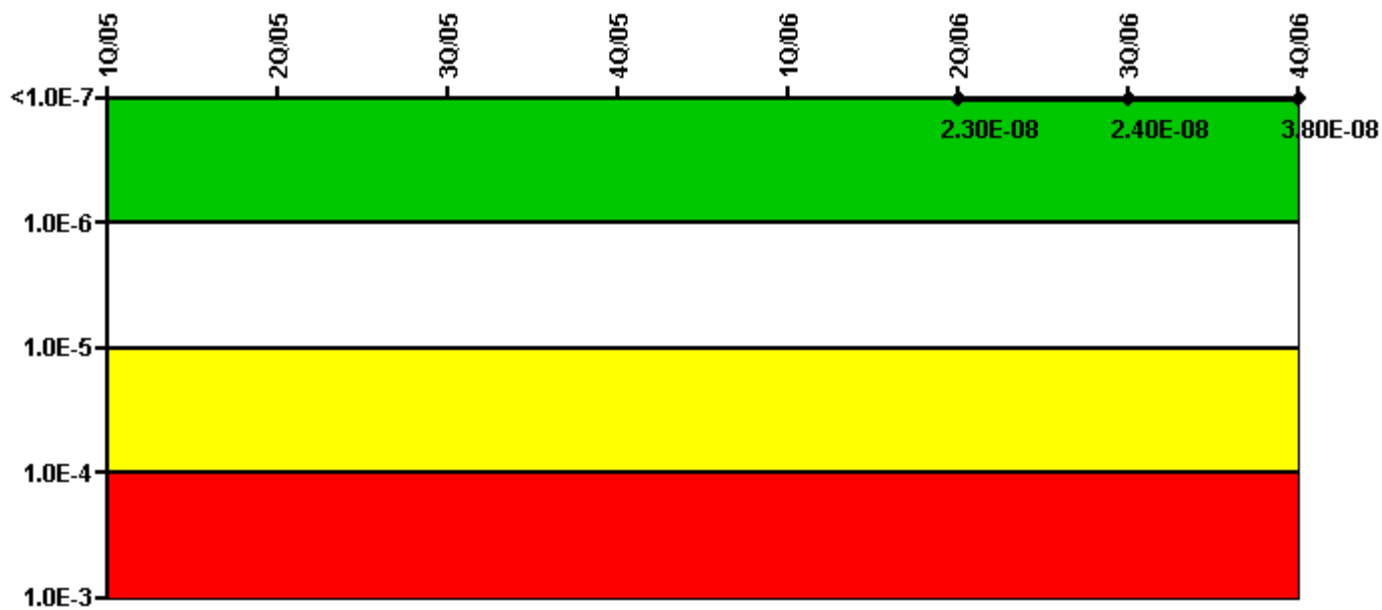
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



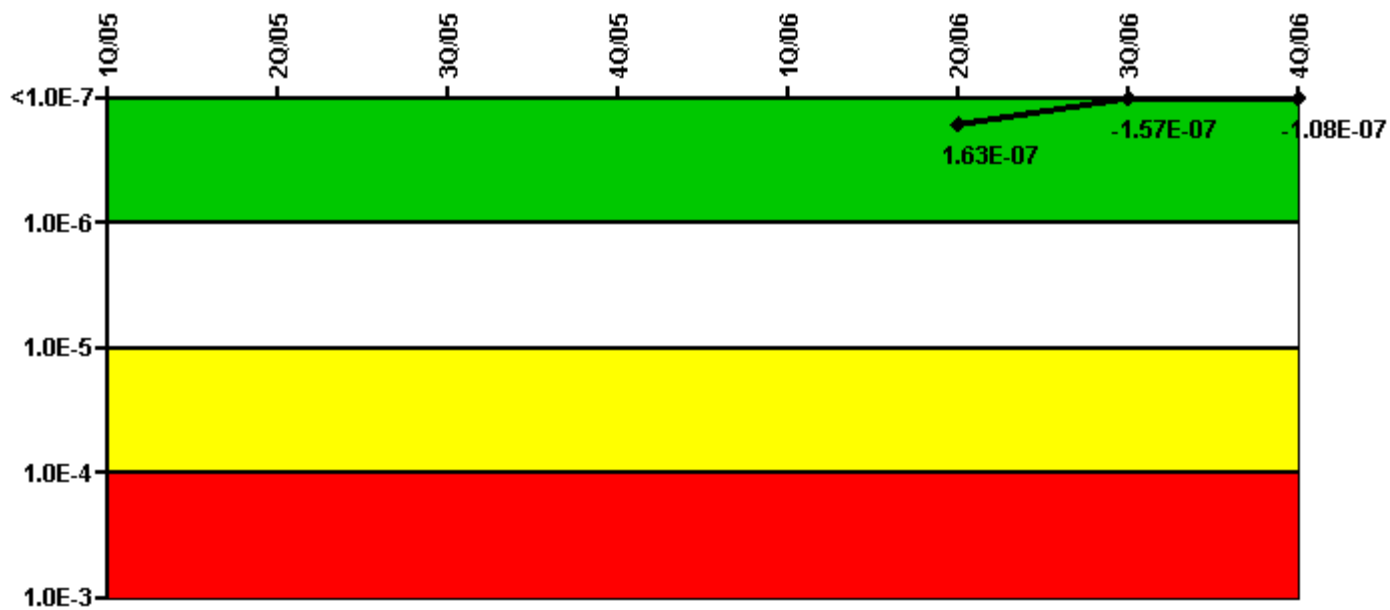
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (ΔCDF)						5.20E-08	5.30E-08	4.80E-08
URI (ΔCDF)						-2.90E-08	-2.90E-08	-1.00E-08
PLE						NO	NO	NO
Indicator value						2.30E-08	2.40E-08	3.80E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



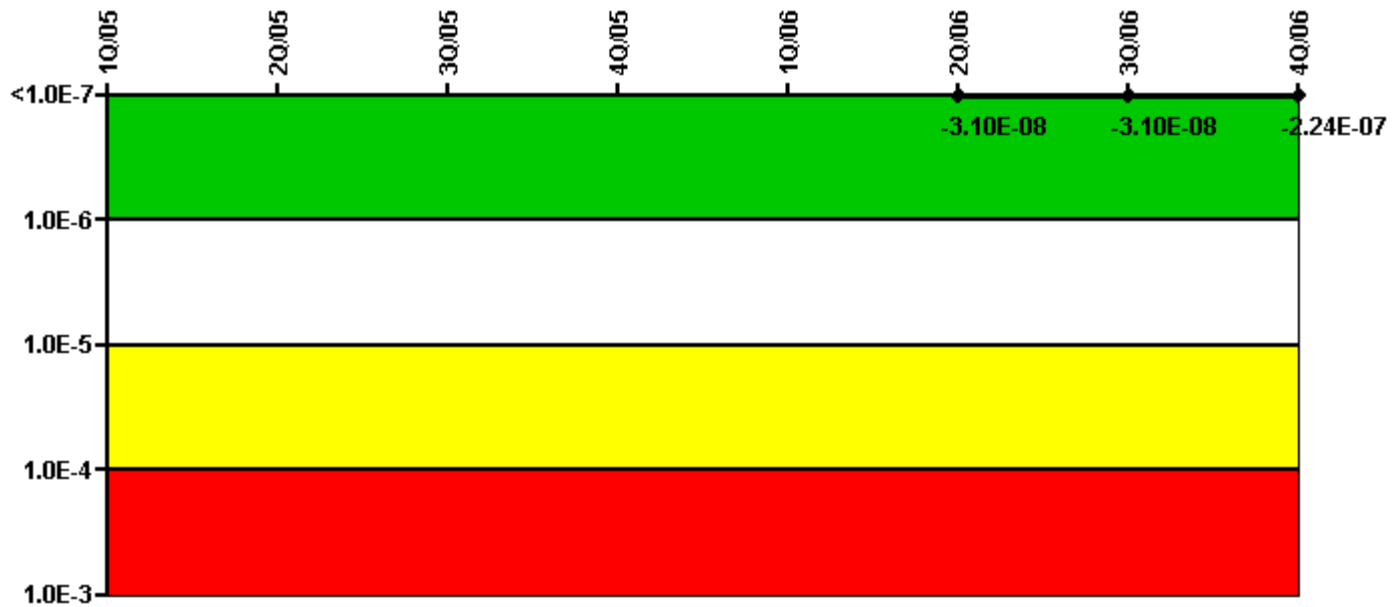
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (Δ CDF)						2.10E-07	6.30E-08	4.20E-08
URI (Δ CDF)						-4.70E-08	-2.20E-07	-1.50E-07
PLE						NO	NO	NO
Indicator value						1.63E-07	-1.57E-07	-1.08E-07

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



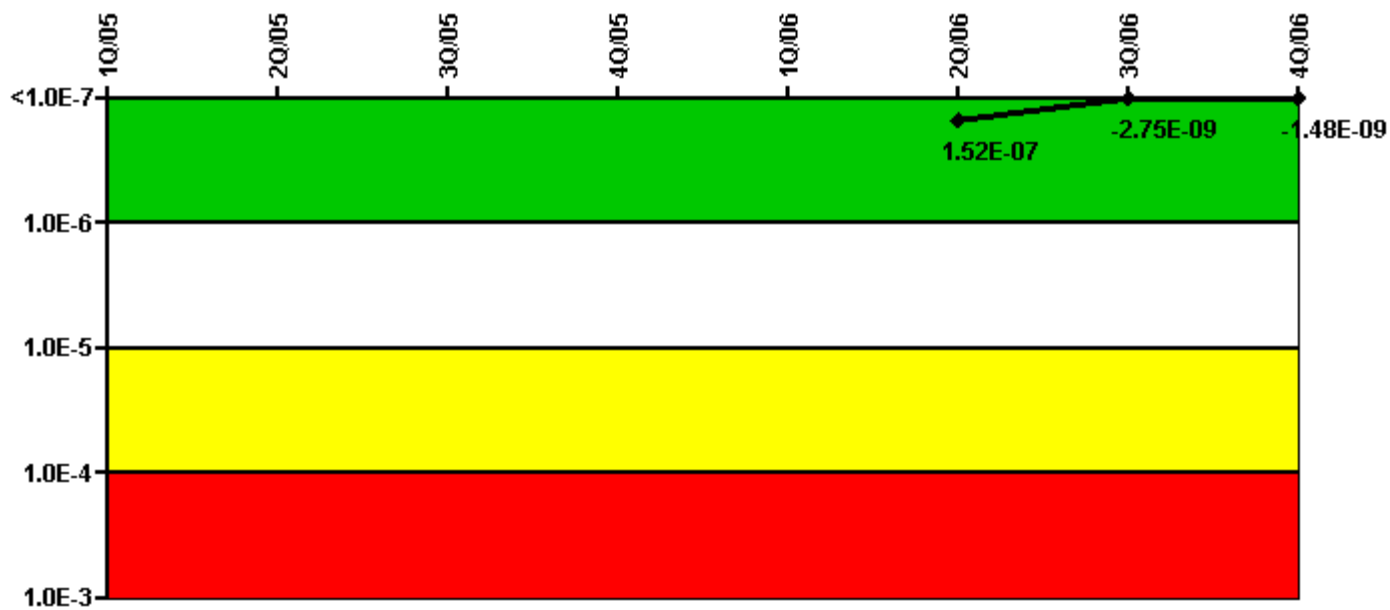
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (ΔCDF)						8.90E-08	8.90E-08	-3.40E-08
URI (ΔCDF)						-1.20E-07	-1.20E-07	-1.90E-07
PLE						NO	NO	NO
Indicator value						-3.10E-08	-3.10E-08	-2.24E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



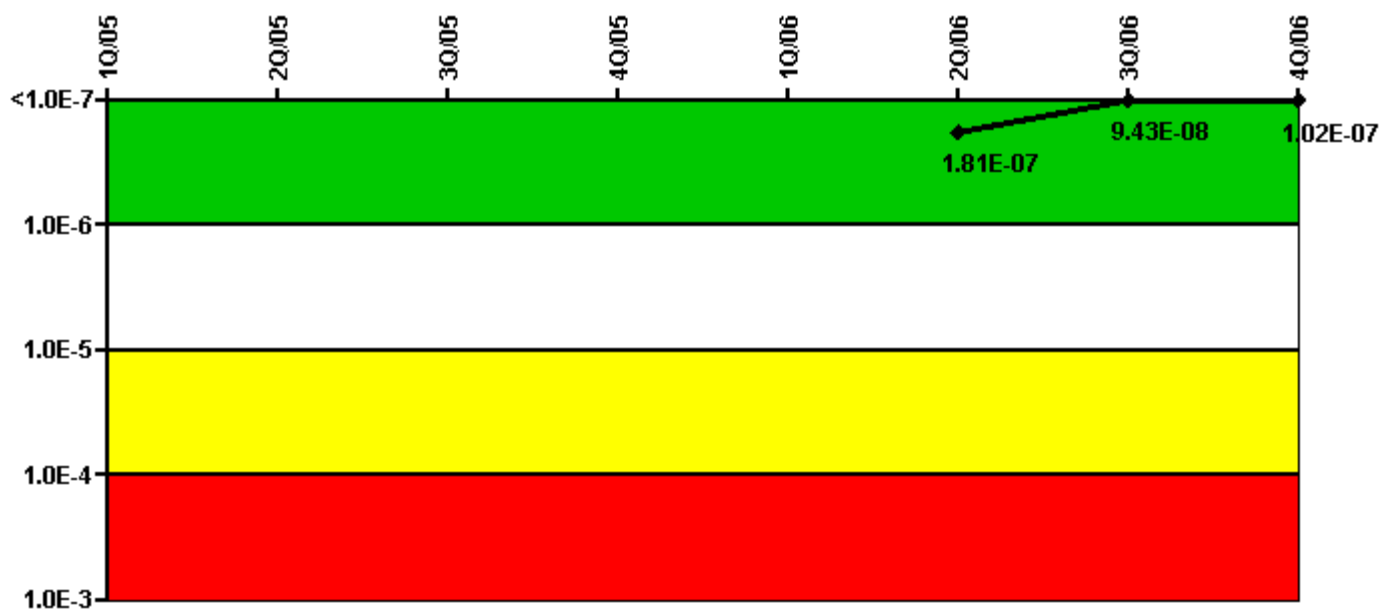
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (Δ CDF)						1.90E-09	6.50E-10	2.20E-10
URI (Δ CDF)						1.50E-07	-3.40E-09	-1.70E-09
PLE						NO	NO	NO
Indicator value						1.52E-07	-2.75E-09	-1.48E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



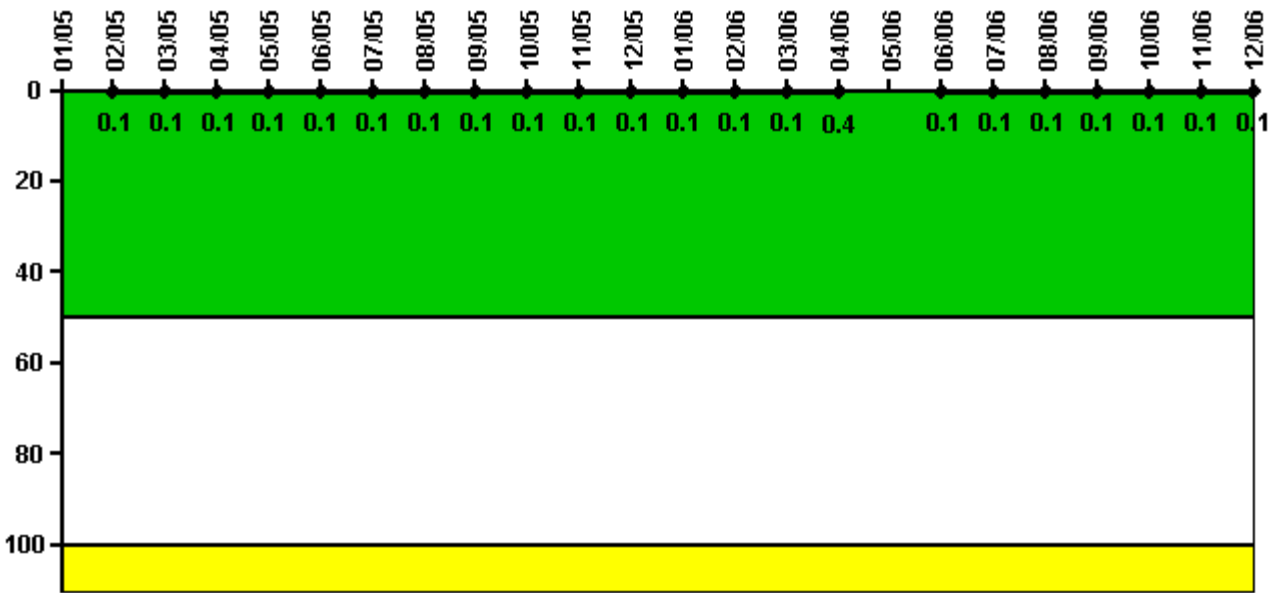
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (ΔCDF)						1.40E-07	9.60E-08	1.10E-07
URI (ΔCDF)						4.10E-08	-1.70E-09	-7.70E-09
PLE						NO	NO	NO
Indicator value						1.81E-07	9.43E-08	1.02E-07

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

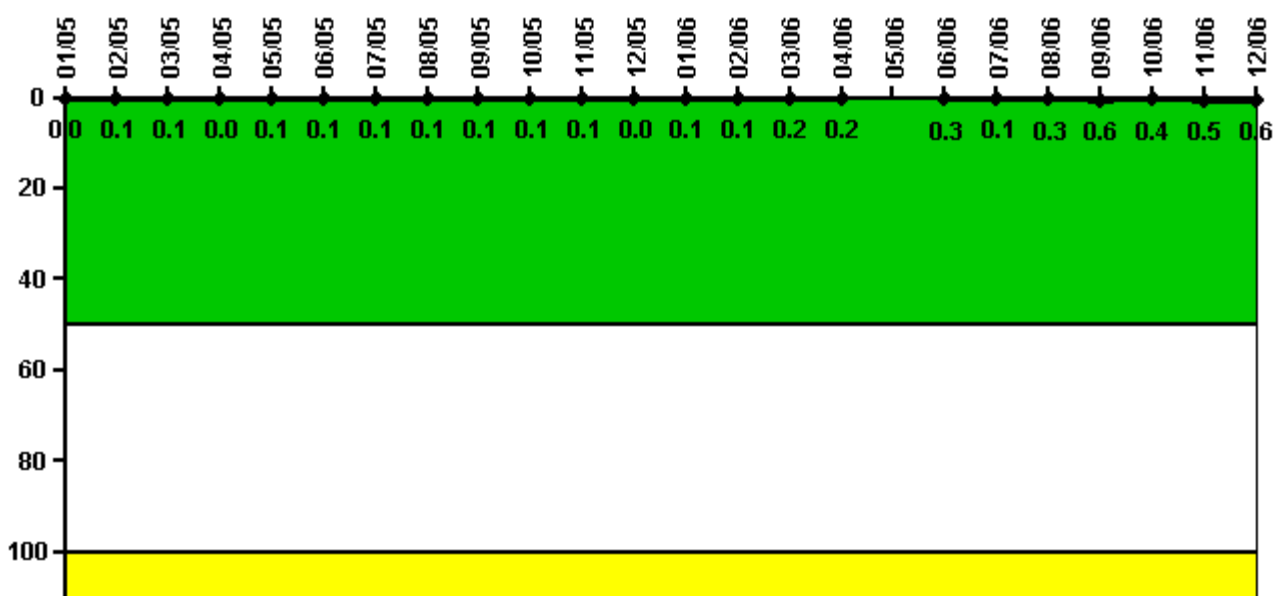
Notes

Reactor Coolant System Activity	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05
Maximum activity	N/A	0.000735	0.001230	0.000853	0.000853	0.000889	0.001010	0.000921	0.000983	0.000922	0.000988	0.000994
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	N/A	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Reactor Coolant System Activity	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06
Maximum activity	0.001070	0.001060	0.001120	0.004150	N/A	0.000833	0.000639	0.000702	0.000690	0.000770	0.000773	0.000720
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.4	N/A	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

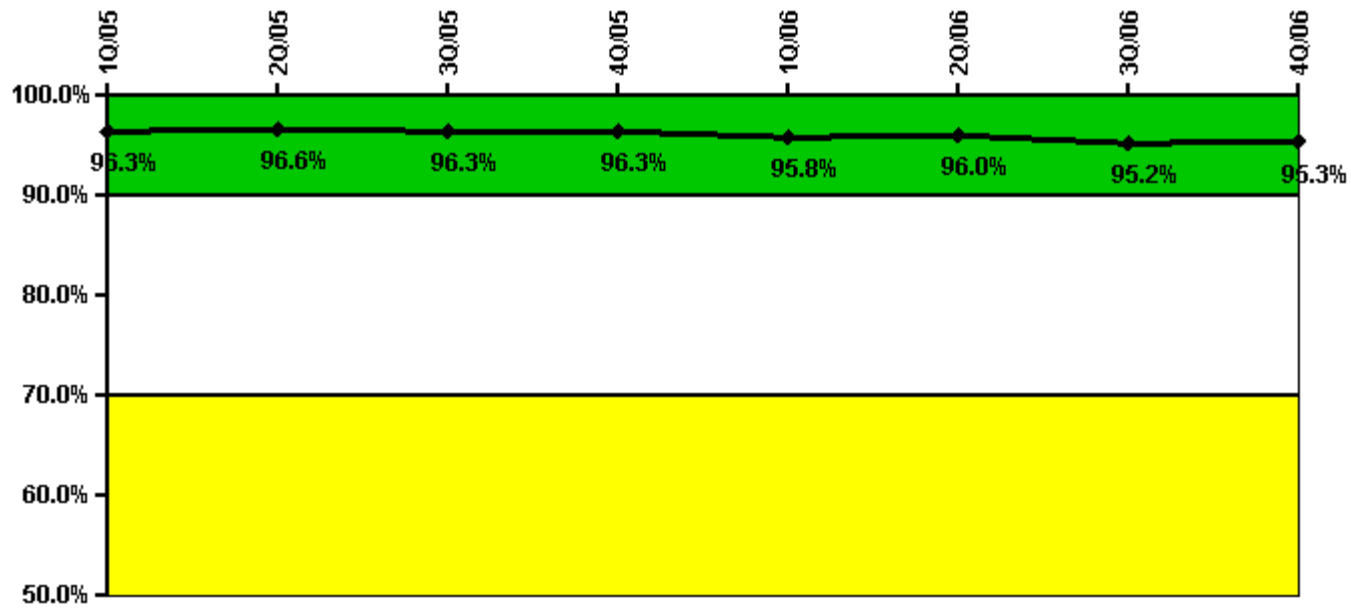
Notes

Reactor Coolant System Leakage	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05
Maximum leakage	0	0.010	0.010	0	0.010	0.010	0.010	0.010	0.005	0.010	0.010	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0.1	0.1	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0

Reactor Coolant System Leakage	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06
Maximum leakage	0.010	0.005	0.018	0.020	N/A	0.030	0.010	0.030	0.060	0.039	0.050	0.060
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.1	0.2	0.2	N/A	0.3	0.1	0.3	0.6	0.4	0.5	0.6

Licensee Comments: none

Drill/Exercise Performance



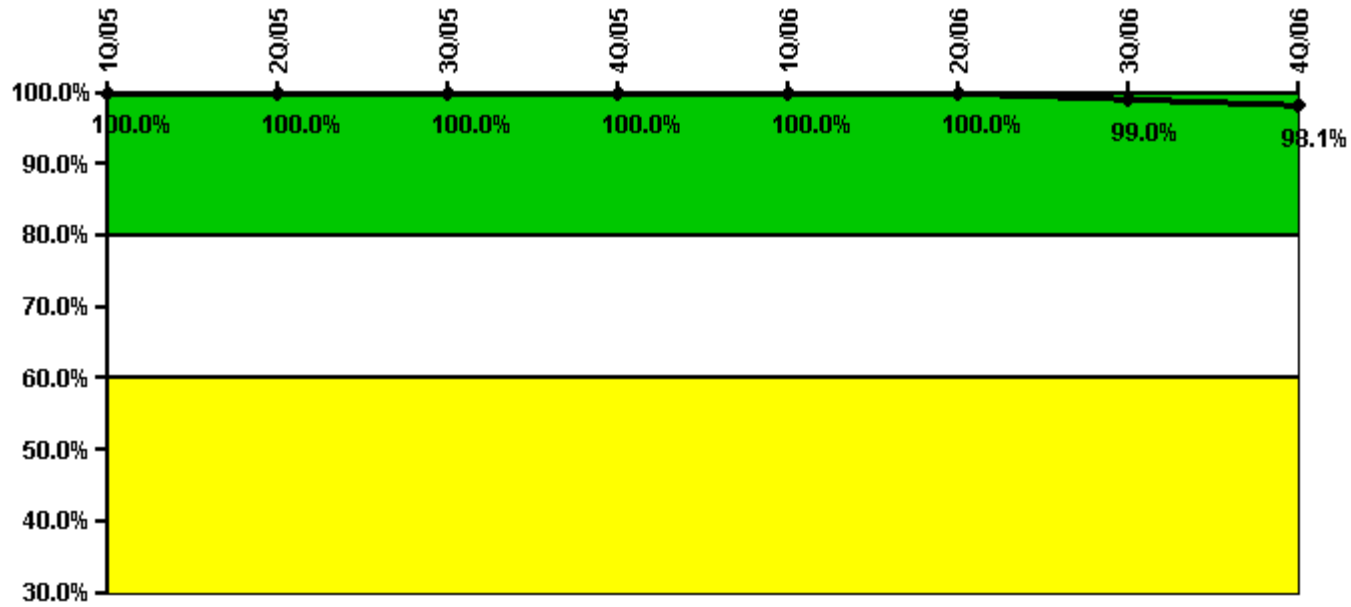
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Successful opportunities	39.0	88.0	67.0	9.0	49.0	66.0	71.0	78.0
Total opportunities	41.0	90.0	71.0	10.0	52.0	68.0	78.0	80.0
Indicator value	96.3%	96.6%	96.3%	96.3%	95.8%	96.0%	95.2%	95.3%

Licensee Comments: none

ERO Drill Participation



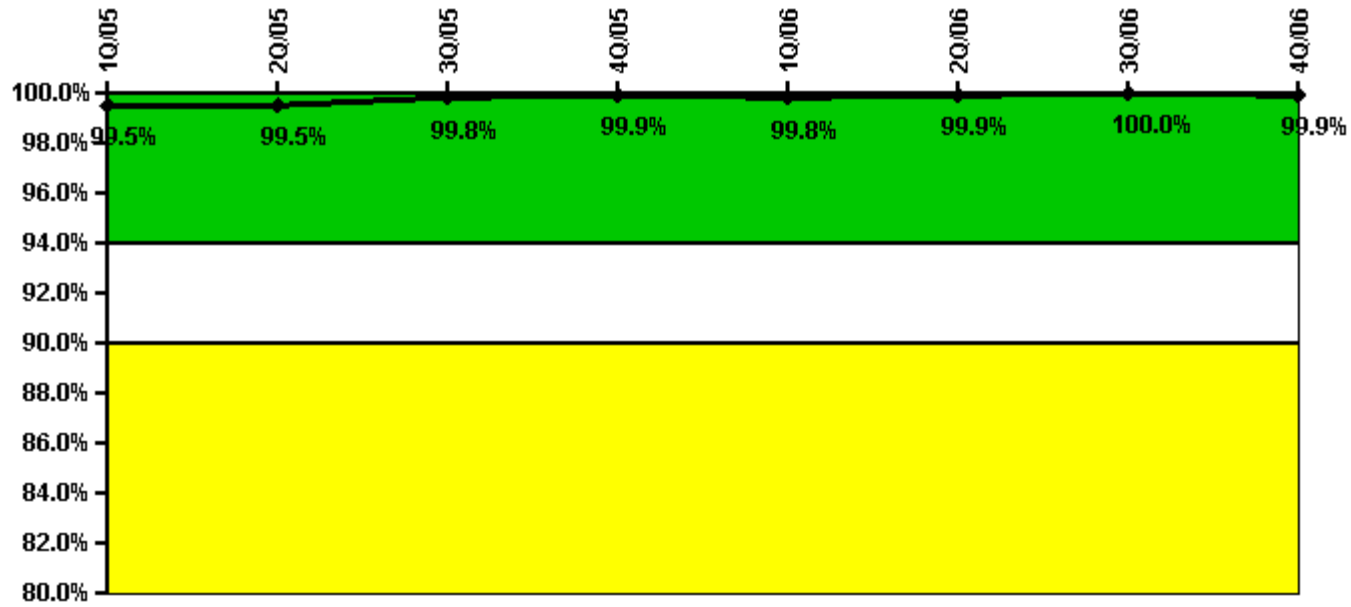
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Participating Key personnel	89.0	87.0	88.0	87.0	81.0	91.0	98.0	104.0
Total Key personnel	89.0	87.0	88.0	87.0	81.0	91.0	99.0	106.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	99.0%	98.1%

Licensee Comments: none

Alert & Notification System



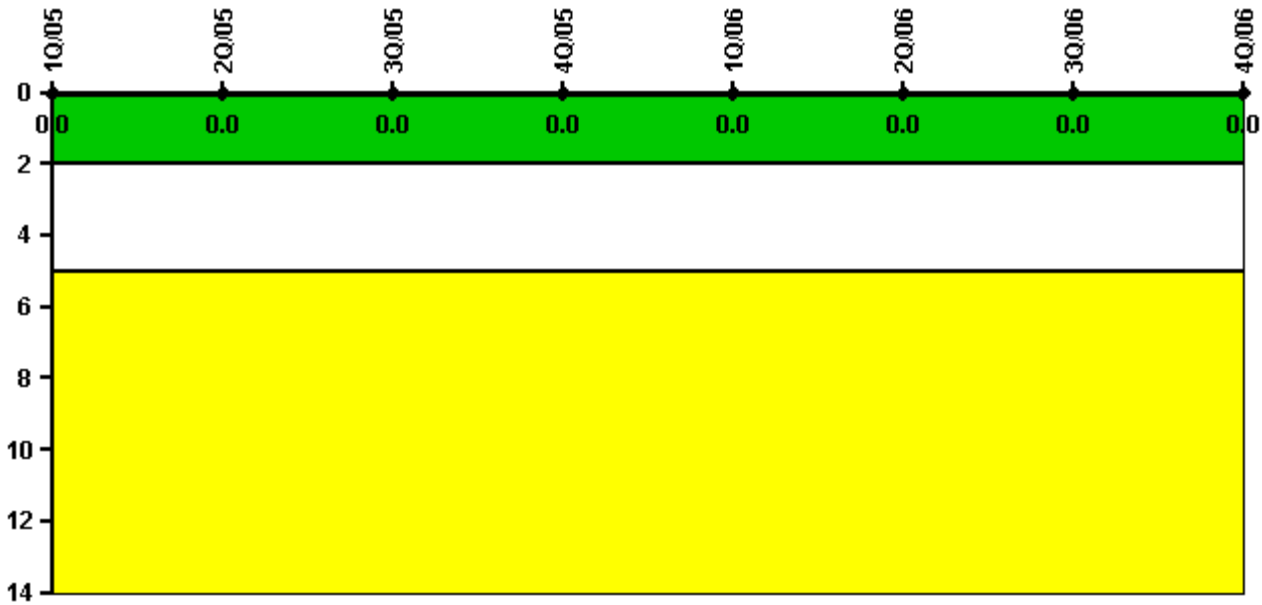
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Successful siren-tests	712	621	711	536	719	630	630	629
Total sirens-tests	712	623	712	536	720	630	630	630
Indicator value	99.5%	99.5%	99.8%	99.9%	99.8%	99.9%	100.0%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



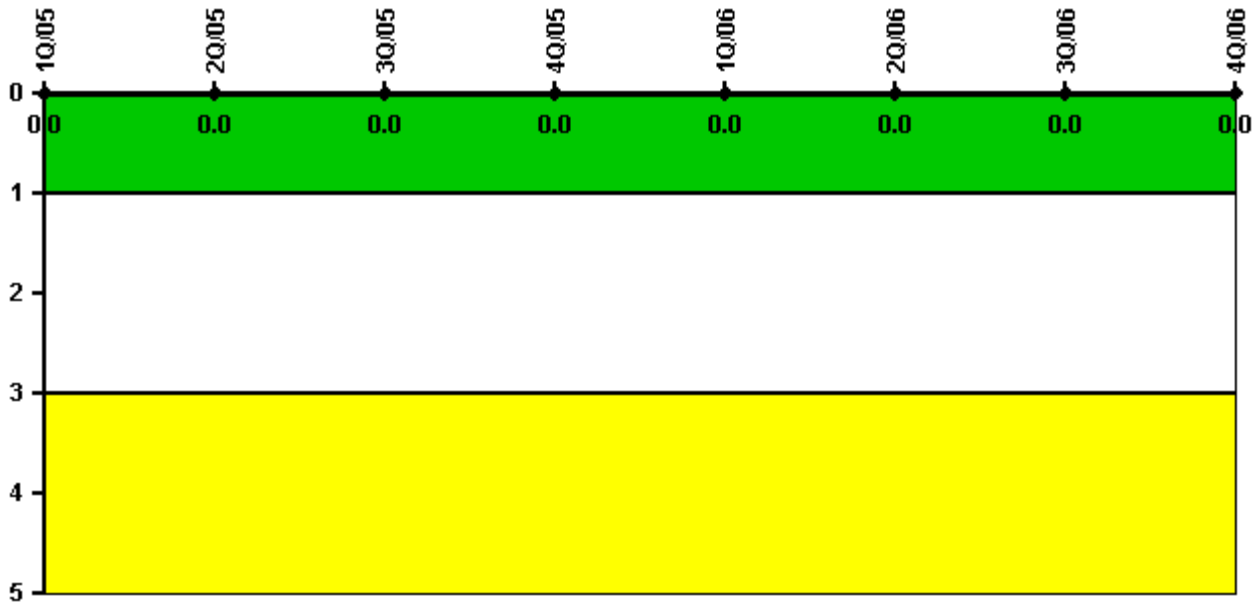
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
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	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

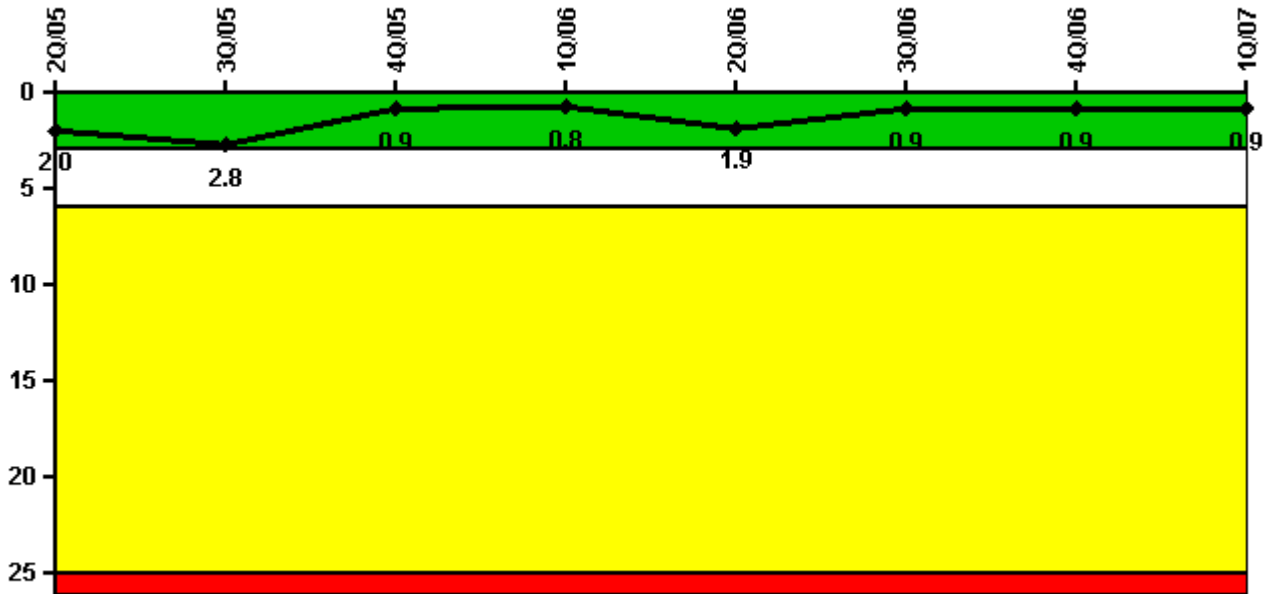
[Physical Protection](#) information not publicly available.

Saint Lucie 2

1Q/2007 Performance Indicators

Licensee's General Comments: Independent validation of the 2005 MSPI CDE unavailability hours resulted in the revision to previous the values contained in CDE. A revision to the MSPI Design Bases Document changed some component reliability values (e.g., component demand and run hour data – not component level PRA data) contained in CDE. These internal CDE value changes caused the re-quantification of the MSPI indices.

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	1.0	0	0	1.0	0	0	0
Critical hours	2183.0	2185.1	2123.9	2072.0	989.1	2208.0	2209.0	2159.0
Indicator value	2.0	2.8	0.9	0.8	1.9	0.9	0.9	0.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



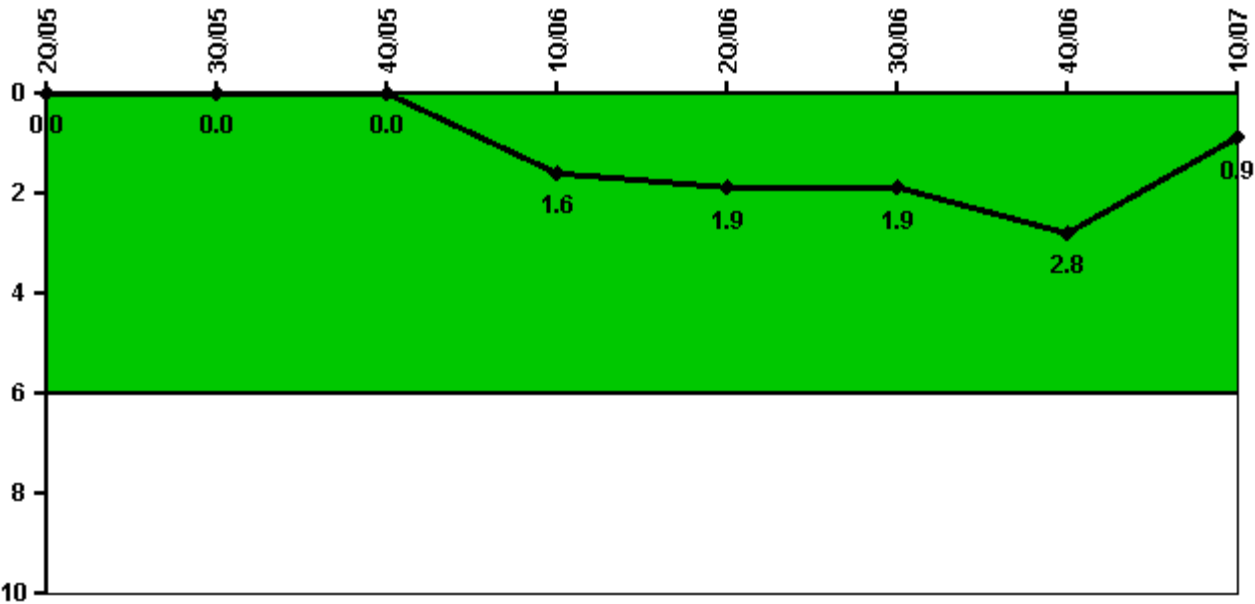
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

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



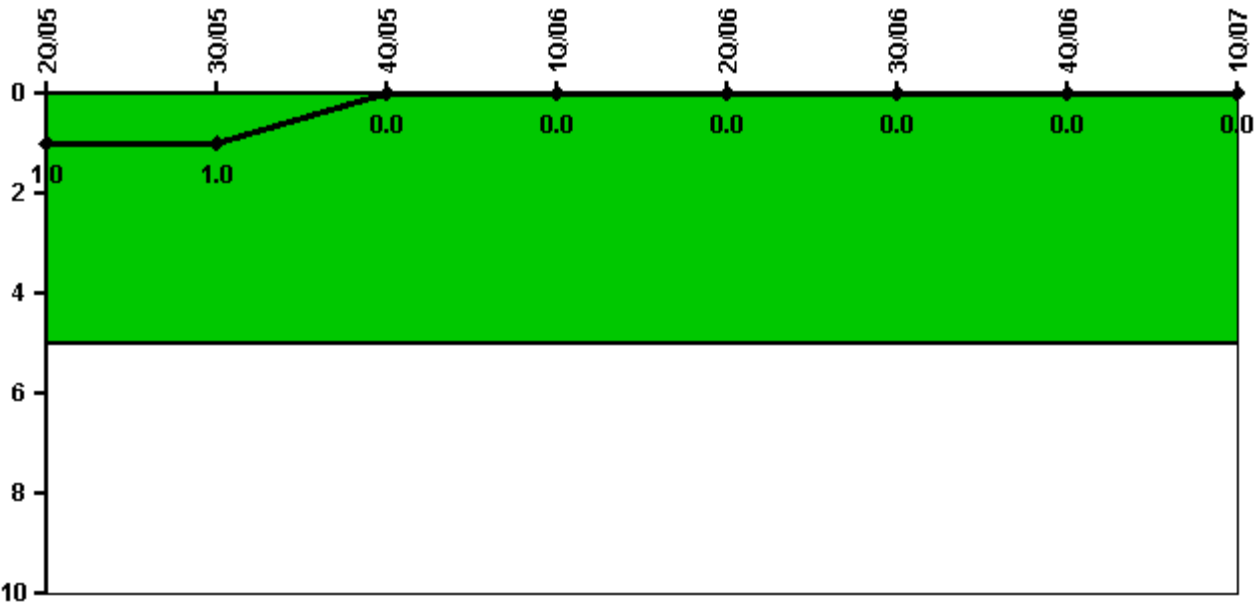
Thresholds: White > 6.0

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	2.0	0	0	1.0	0
Critical hours	2183.0	2185.1	2123.9	2072.0	989.1	2208.0	2209.0	2159.0
Indicator value	0	0	0	1.6	1.9	1.9	2.8	0.9

Licensee Comments: none

Safety System Functional Failures (PWR)



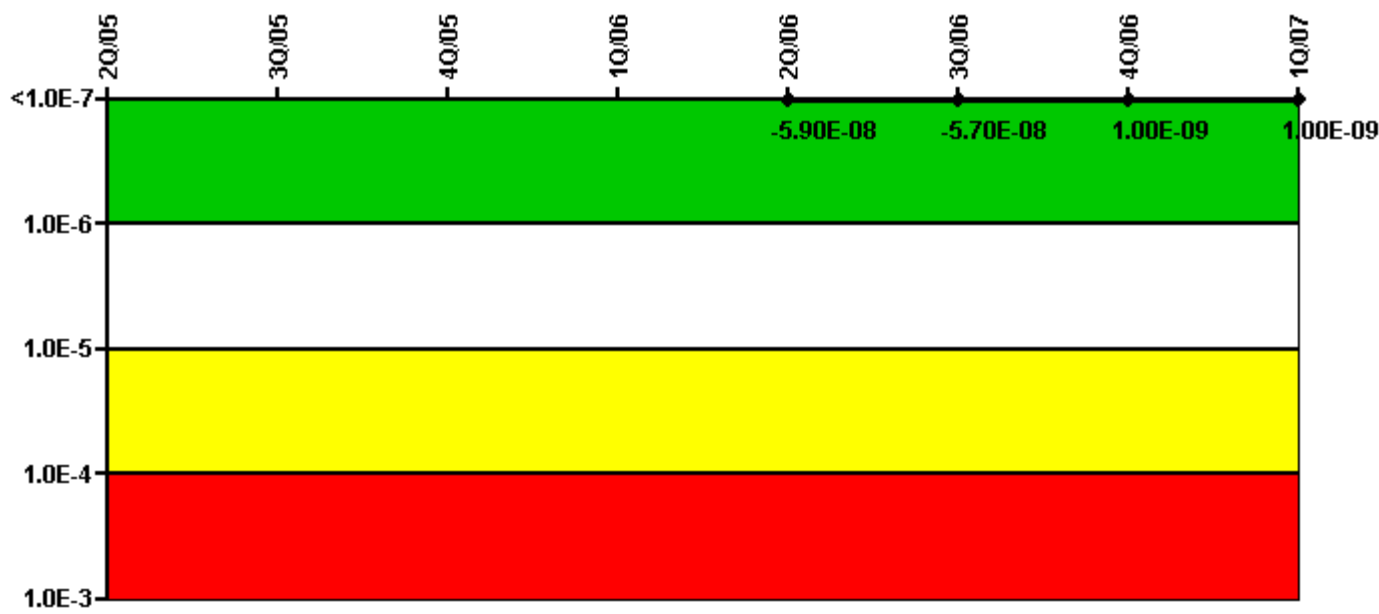
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	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	1	1	0	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



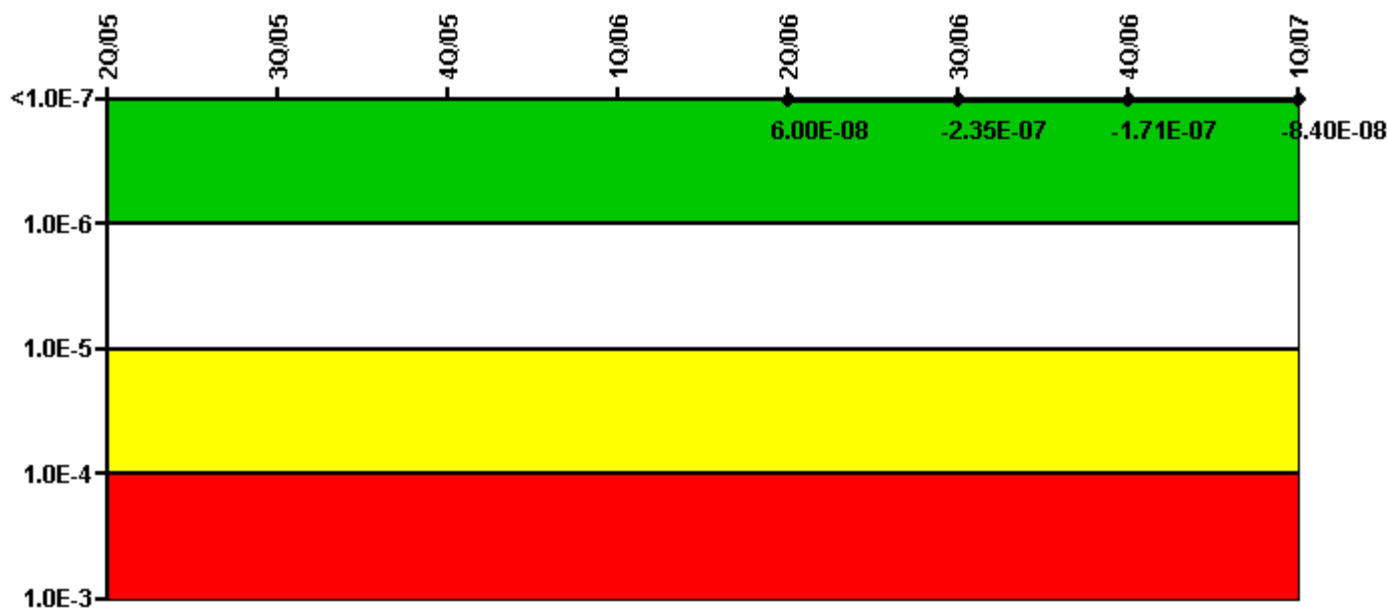
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (ACDF)					5.10E-08	5.30E-08	4.70E-08	4.70E-08
URI (ACDF)					-1.10E-07	-1.10E-07	-4.60E-08	-4.60E-08
PLE					NO	NO	NO	NO
Indicator value					-5.90E-08	-5.70E-08	1.00E-09	1.00E-09

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



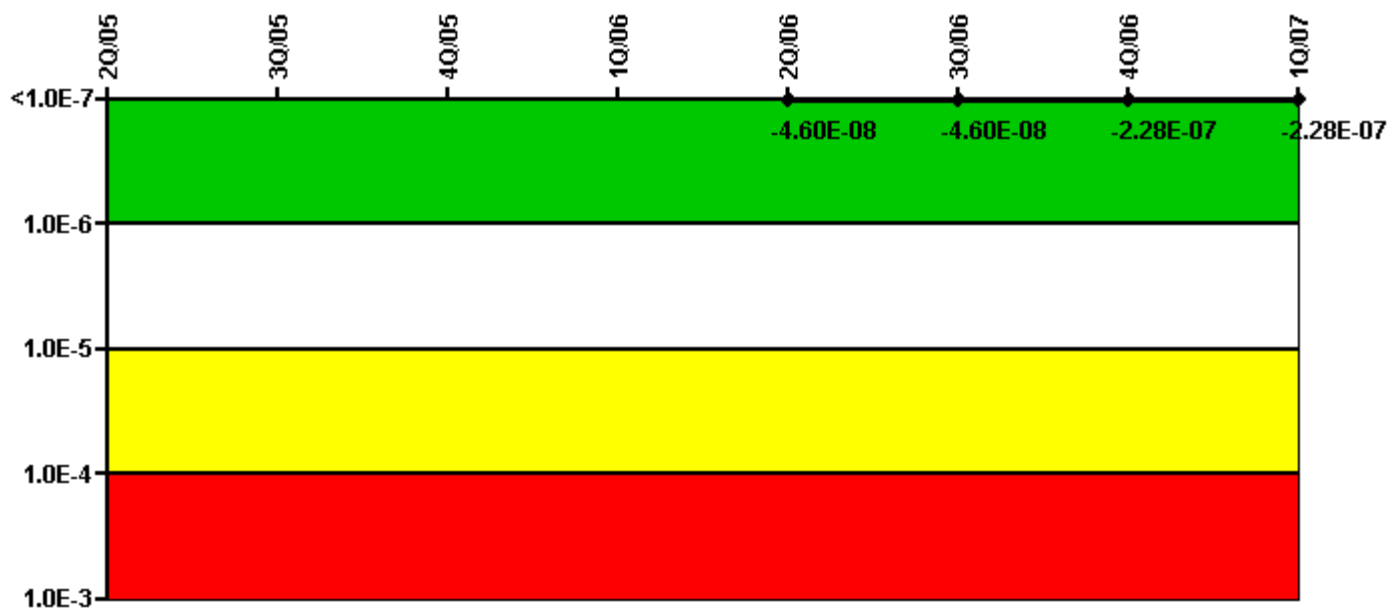
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (ACDF)					1.50E-07	1.50E-08	8.60E-09	9.60E-08
URI (ACDF)					-9.00E-08	-2.50E-07	-1.80E-07	-1.80E-07
PLE					NO	NO	NO	NO
Indicator value					6.00E-08	-2.35E-07	-1.71E-07	-8.40E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



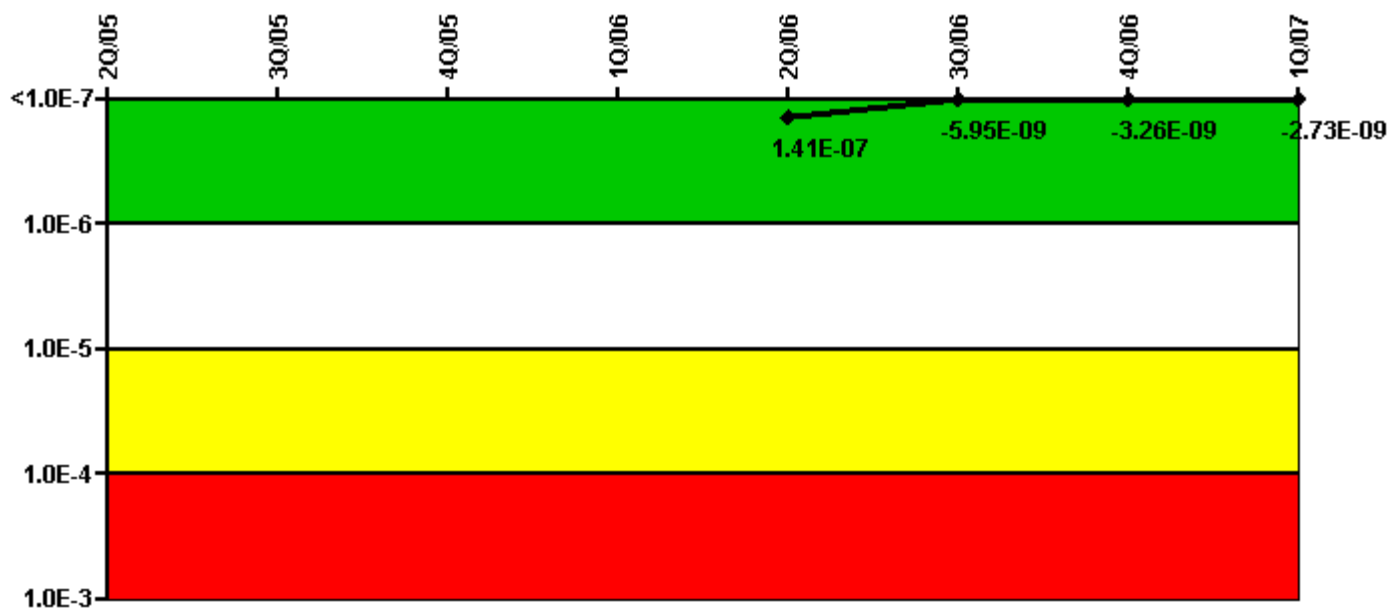
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (ΔCDF)					8.40E-08	8.40E-08	-3.80E-08	-3.80E-08
URI (ΔCDF)					-1.30E-07	-1.30E-07	-1.90E-07	-1.90E-07
PLE					NO	NO	NO	NO
Indicator value					-4.60E-08	-4.60E-08	-2.28E-07	-2.28E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



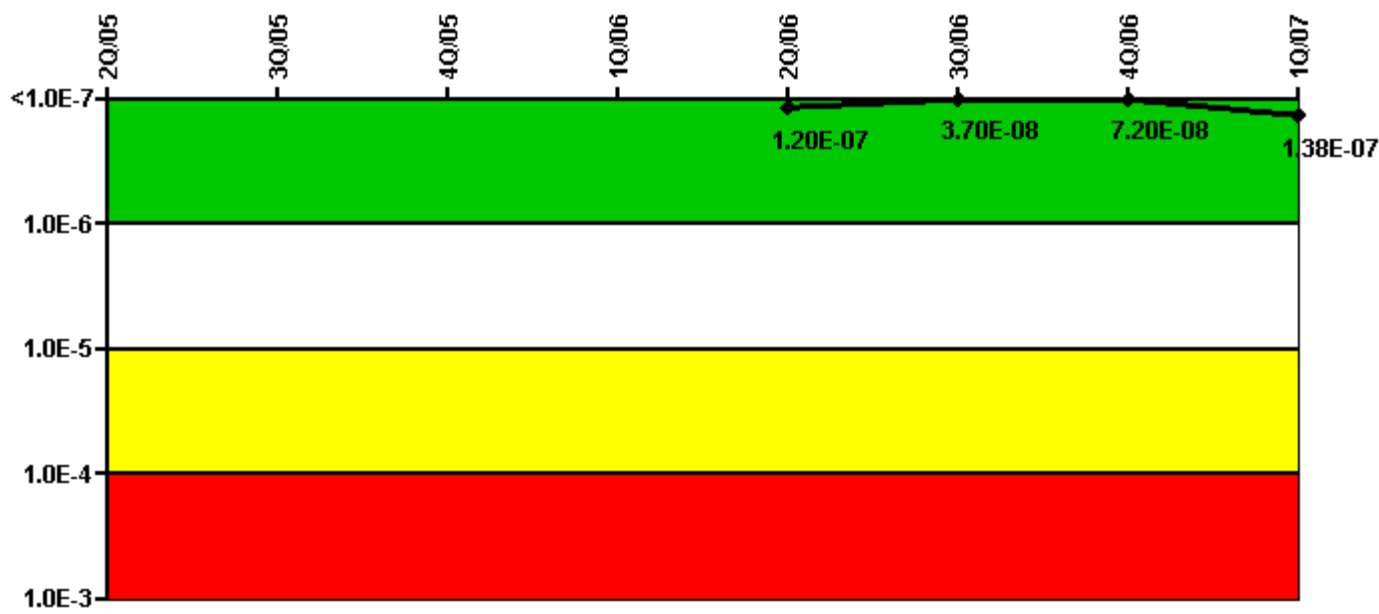
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (ΔCDF)					1.40E-09	2.50E-10	1.40E-10	6.70E-10
URI (ΔCDF)					1.40E-07	-6.20E-09	-3.40E-09	-3.40E-09
PLE					NO	NO	NO	NO
Indicator value					1.41E-07	-5.95E-09	-3.26E-09	-2.73E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



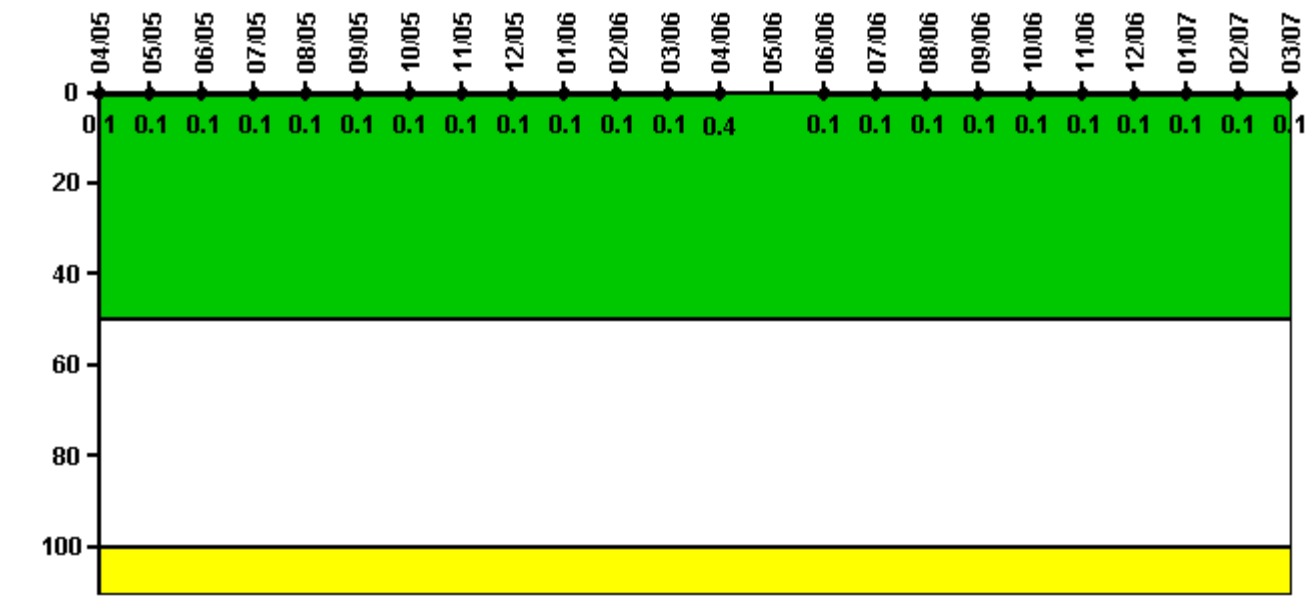
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)					1.00E-07	5.60E-08	8.40E-08	1.50E-07
URI (ΔCDF)					2.00E-08	-1.90E-08	-1.20E-08	-1.20E-08
PLE					NO	NO	NO	NO
Indicator value					1.20E-07	3.70E-08	7.20E-08	1.38E-07

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

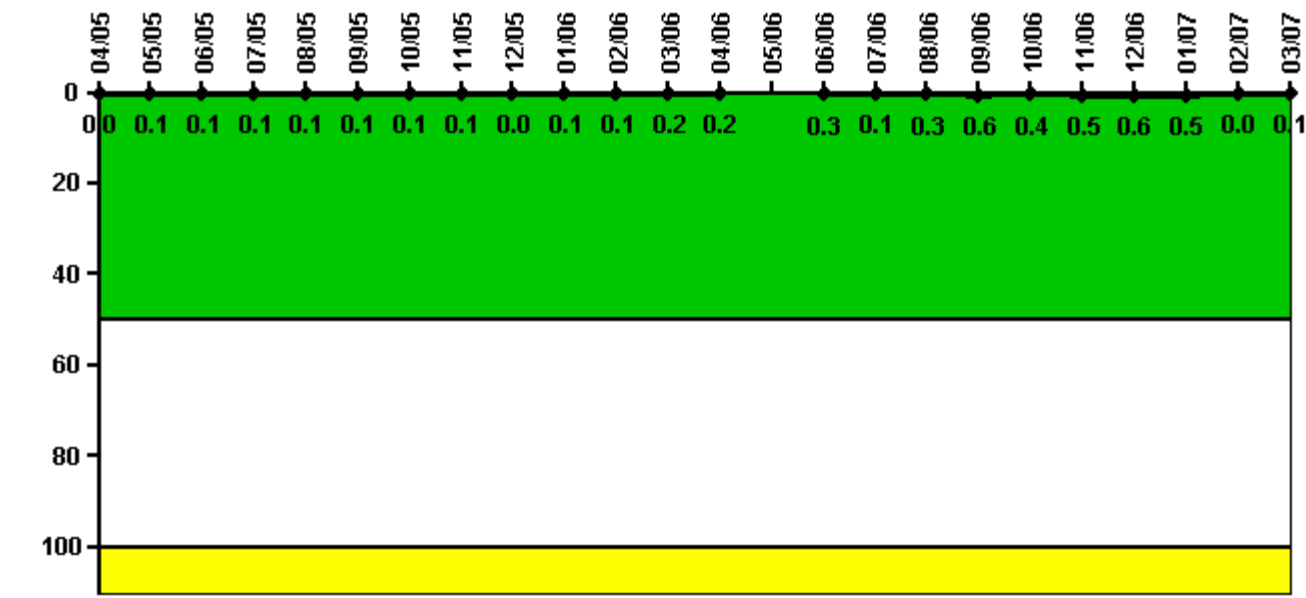
Notes

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	0.000853	0.000853	0.000889	0.001010	0.000921	0.000983	0.000922	0.000988	0.000994	0.001070	0.001060	0.001120
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
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

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	0.004150	N/A	0.000833	0.000639	0.000702	0.000690	0.000770	0.000773	0.000720	0.000772	0.001400	0.000814
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.4	N/A	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

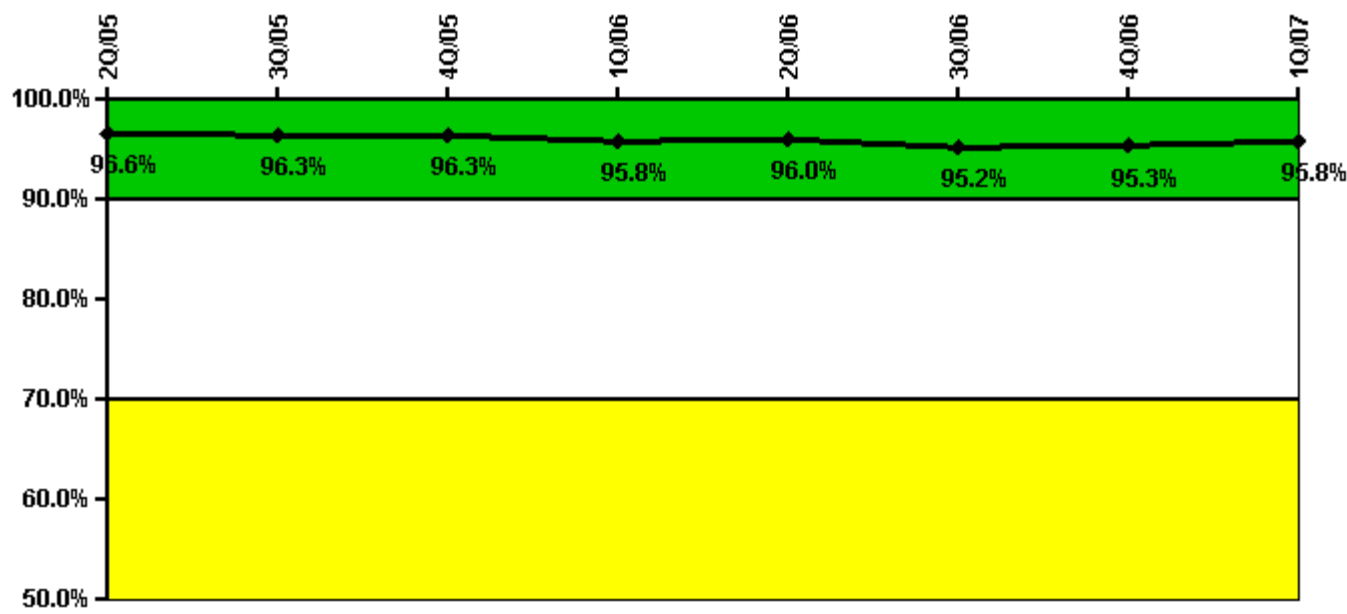
Notes

Reactor Coolant System Leakage	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	0	0.010	0.010	0.010	0.010	0.005	0.010	0.010	0	0.010	0.005	0.018
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0	0.1	0.1	0.2

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	0.020	N/A	0.030	0.010	0.030	0.060	0.039	0.050	0.060	0.054	0.003	0.005
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	N/A	0.3	0.1	0.3	0.6	0.4	0.5	0.6	0.5	0	0.1

Licensee Comments: none

Drill/Exercise Performance



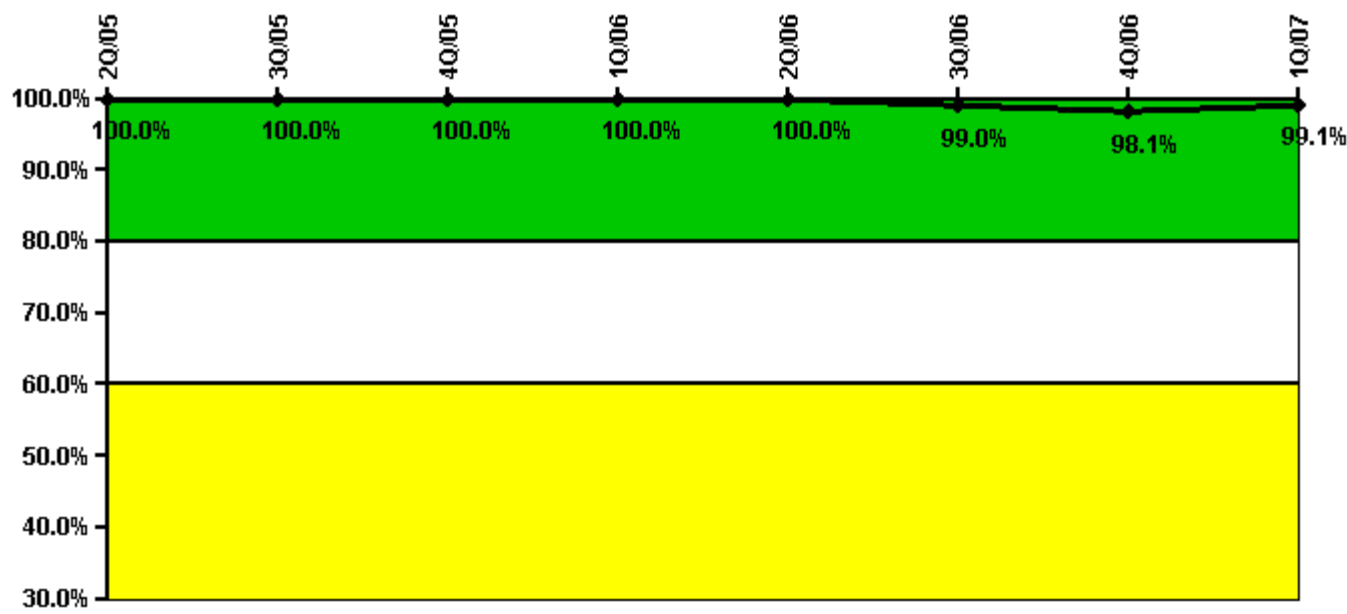
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Successful opportunities	88.0	67.0	9.0	49.0	66.0	71.0	78.0	113.0
Total opportunities	90.0	71.0	10.0	52.0	68.0	78.0	80.0	116.0
Indicator value	96.6%	96.3%	96.3%	95.8%	96.0%	95.2%	95.3%	95.8%

Licensee Comments: none

ERO Drill Participation



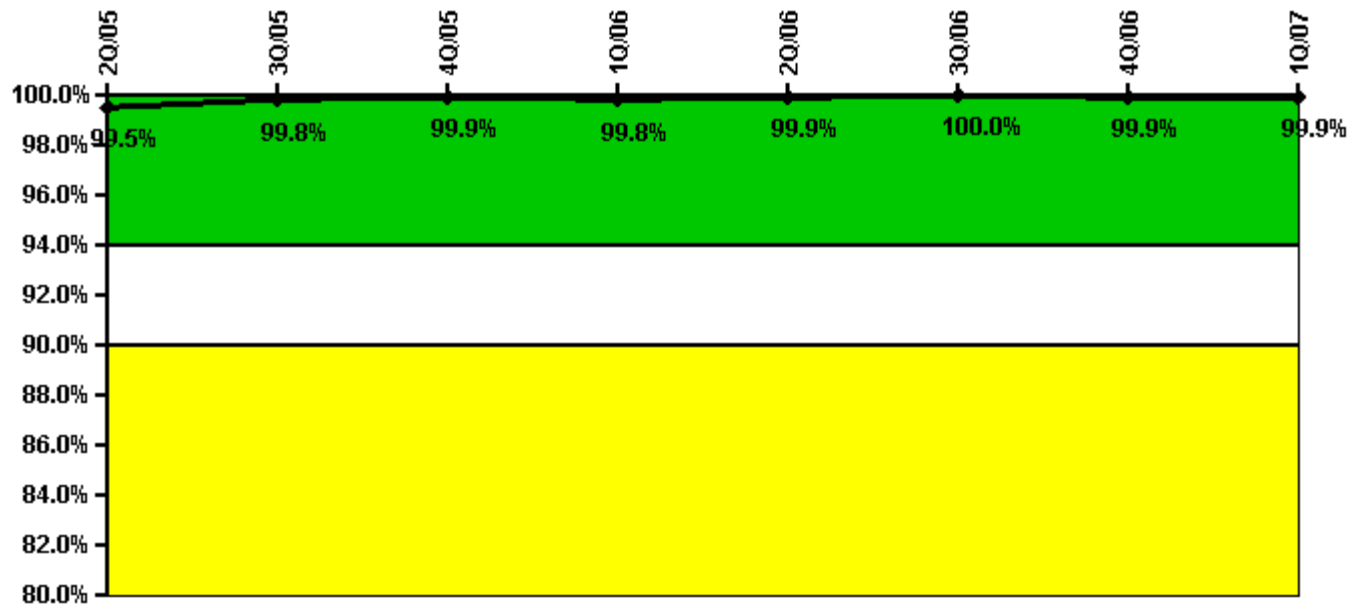
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Participating Key personnel	87.0	88.0	87.0	81.0	91.0	98.0	104.0	106.0
Total Key personnel	87.0	88.0	87.0	81.0	91.0	99.0	106.0	107.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	99.0%	98.1%	99.1%

Licensee Comments: none

Alert & Notification System



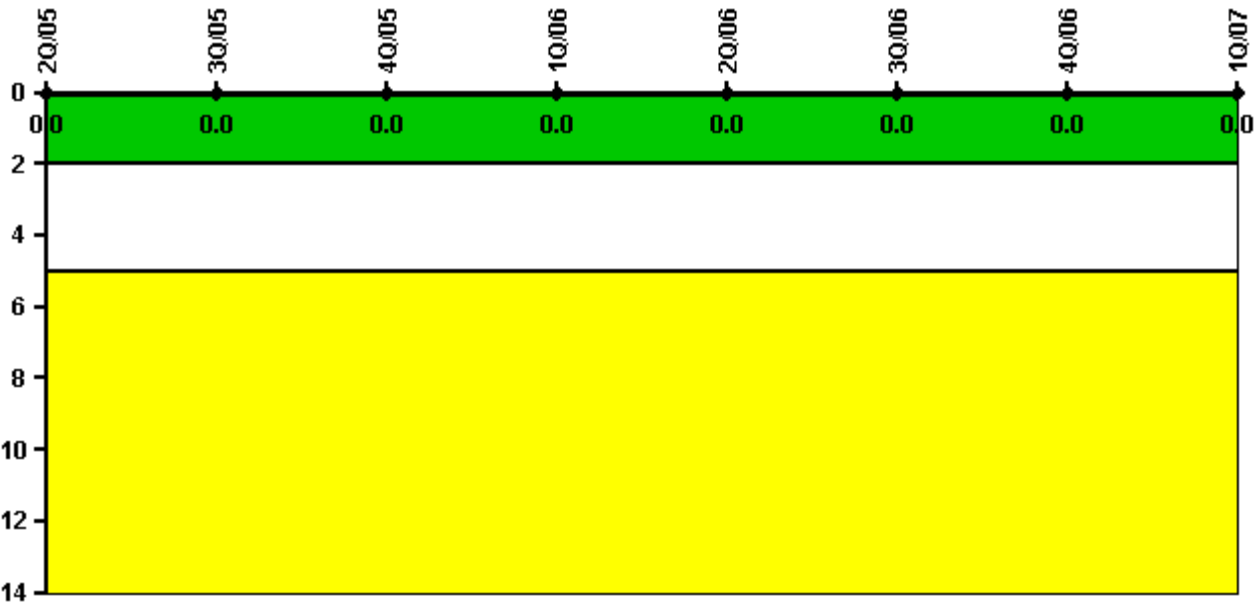
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Successful siren-tests	621	711	536	719	630	630	629	719
Total sirens-tests	623	712	536	720	630	630	630	720
Indicator value	99.5%	99.8%	99.9%	99.8%	99.9%	100.0%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



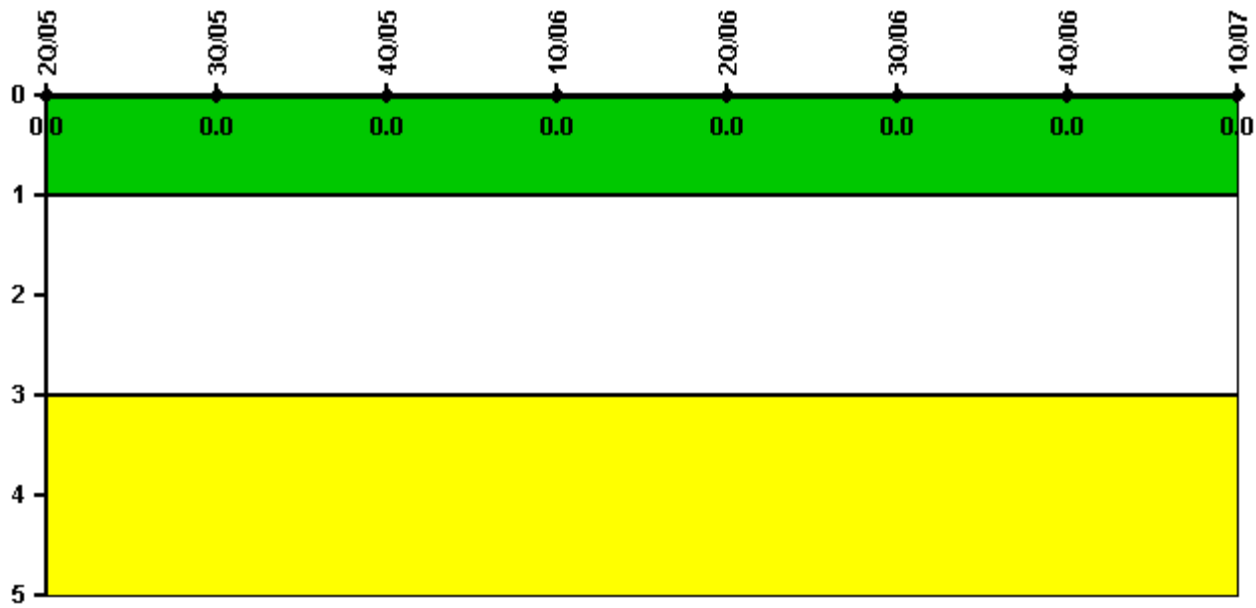
Thresholds: White > 2.0 Yellow > 5.0

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.

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

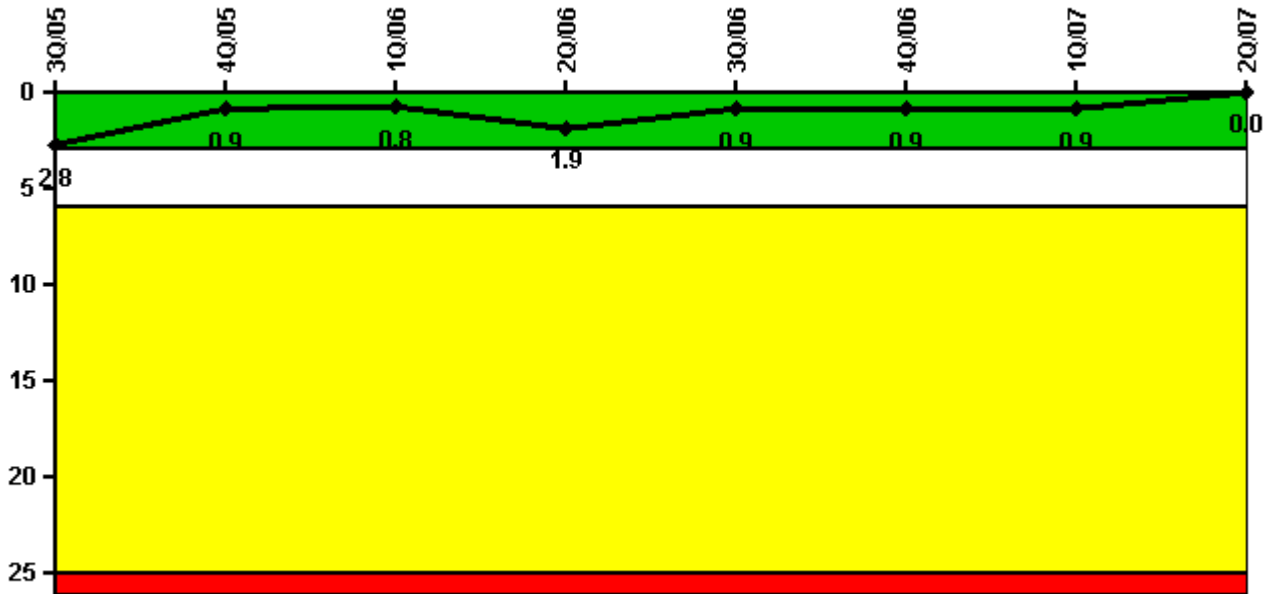
Last Modified: June 1, 2007

Saint Lucie 2

2Q/2007 Performance Indicators

Licensee's General Comments: The MS10 changes resulted from a correction that was made to 4Q/2004 unplanned unavailability (UA) hours for the 2A and 2B ICW trains. CDE erroneously included UA hours when Unit 2 was not critical, and the data was reset to reflect zero hours. As 4Q/2004 data is used to calculate baseline CDE PRA values, the change propagated through the subsequent MS10 calculations.

Unplanned Scrams per 7000 Critical Hrs



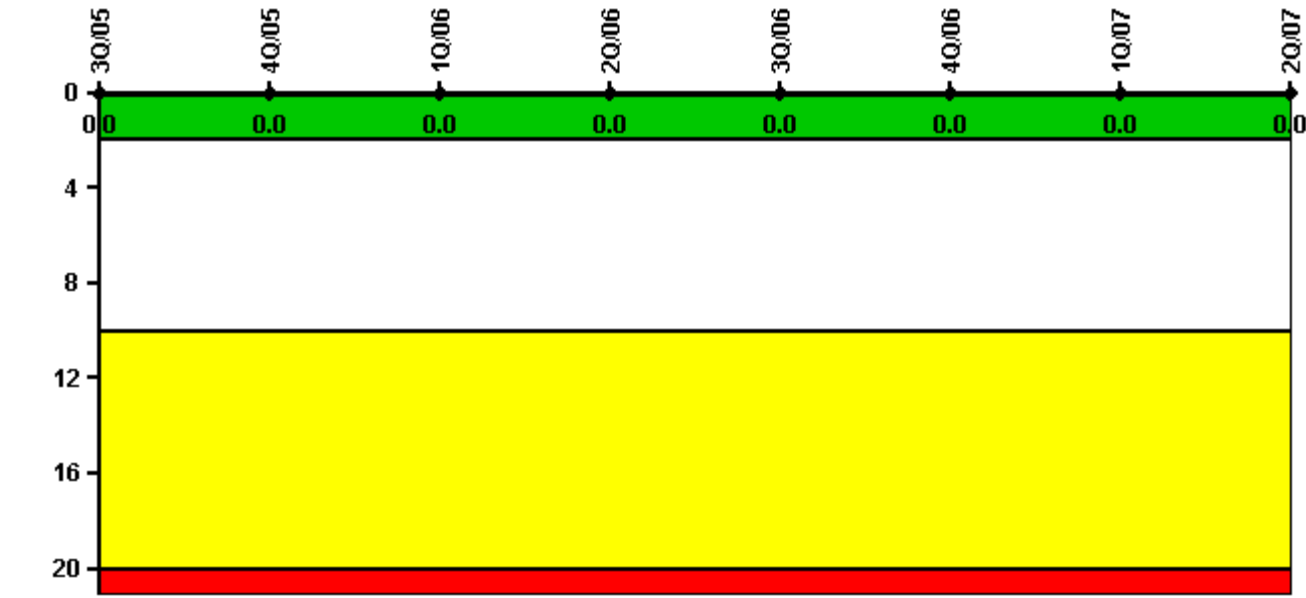
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Unplanned scrams	1.0	0	0	1.0	0	0	0	0
Critical hours	2185.1	2123.9	2072.0	989.1	2208.0	2209.0	2159.0	2184.0
Indicator value	2.8	0.9	0.8	1.9	0.9	0.9	0.9	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



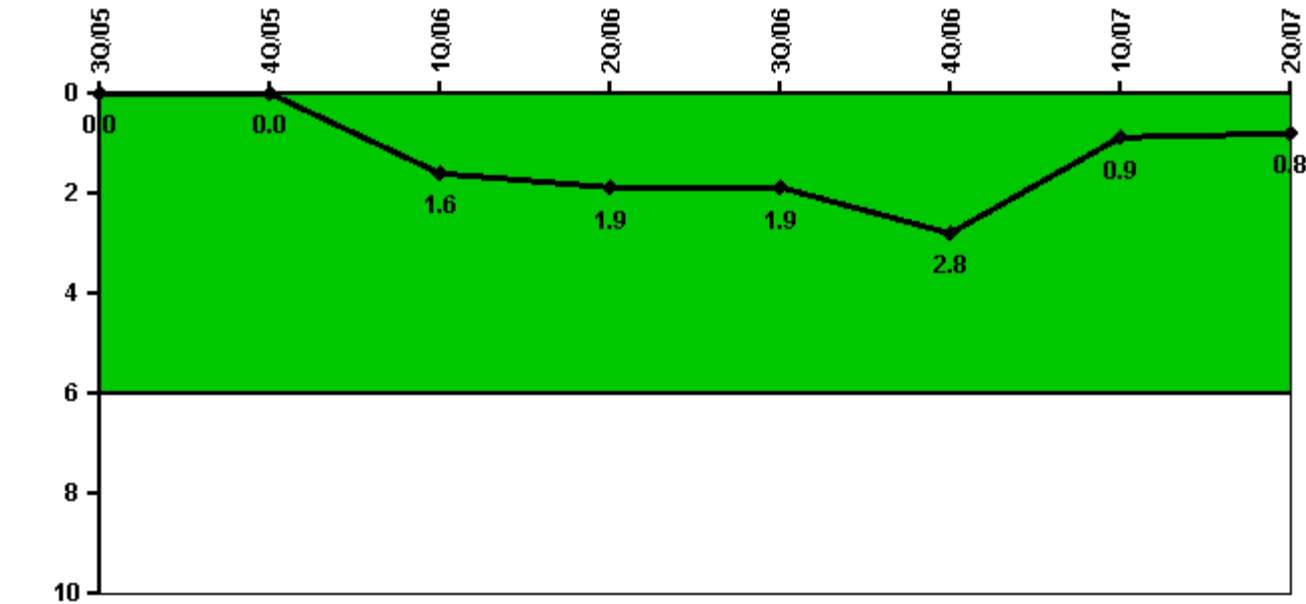
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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



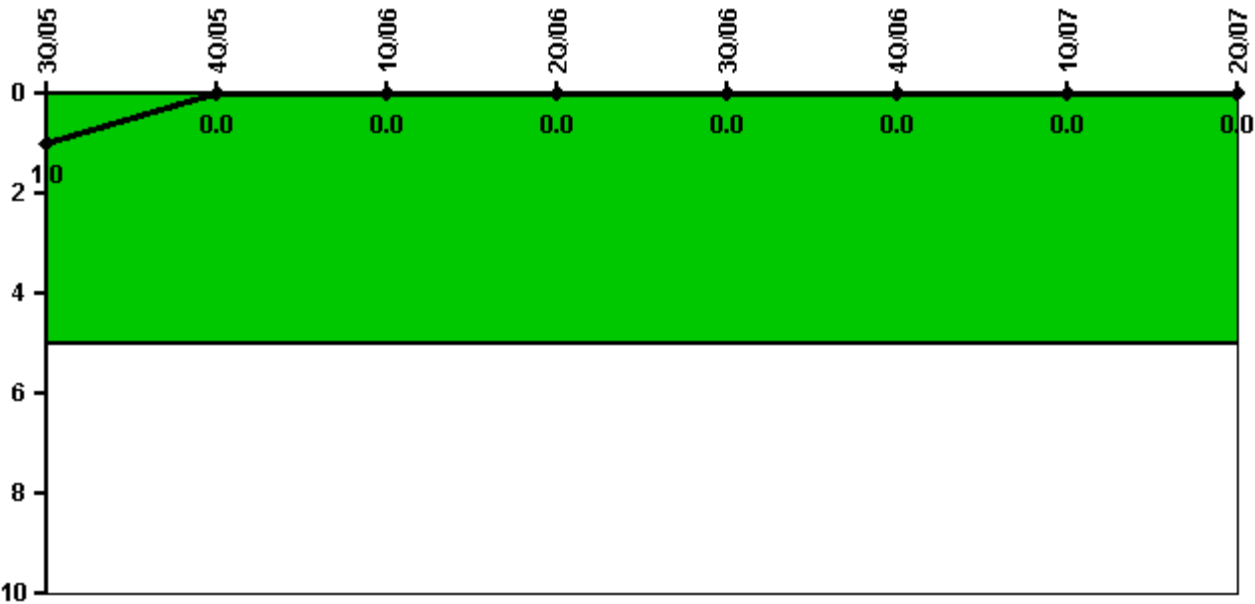
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Unplanned power changes	0	0	2.0	0	0	1.0	0	0
Critical hours	2185.1	2123.9	2072.0	989.1	2208.0	2209.0	2159.0	2184.0
Indicator value	0	0	1.6	1.9	1.9	2.8	0.9	0.8

Licensee Comments: none

Safety System Functional Failures (PWR)



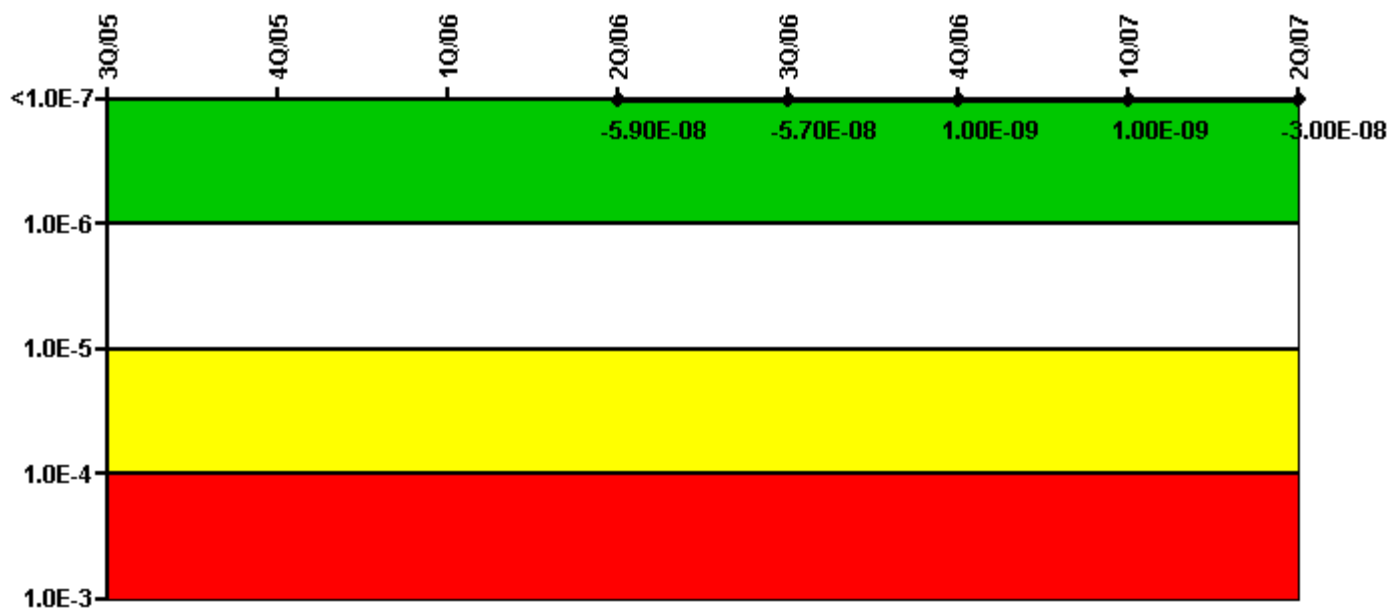
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



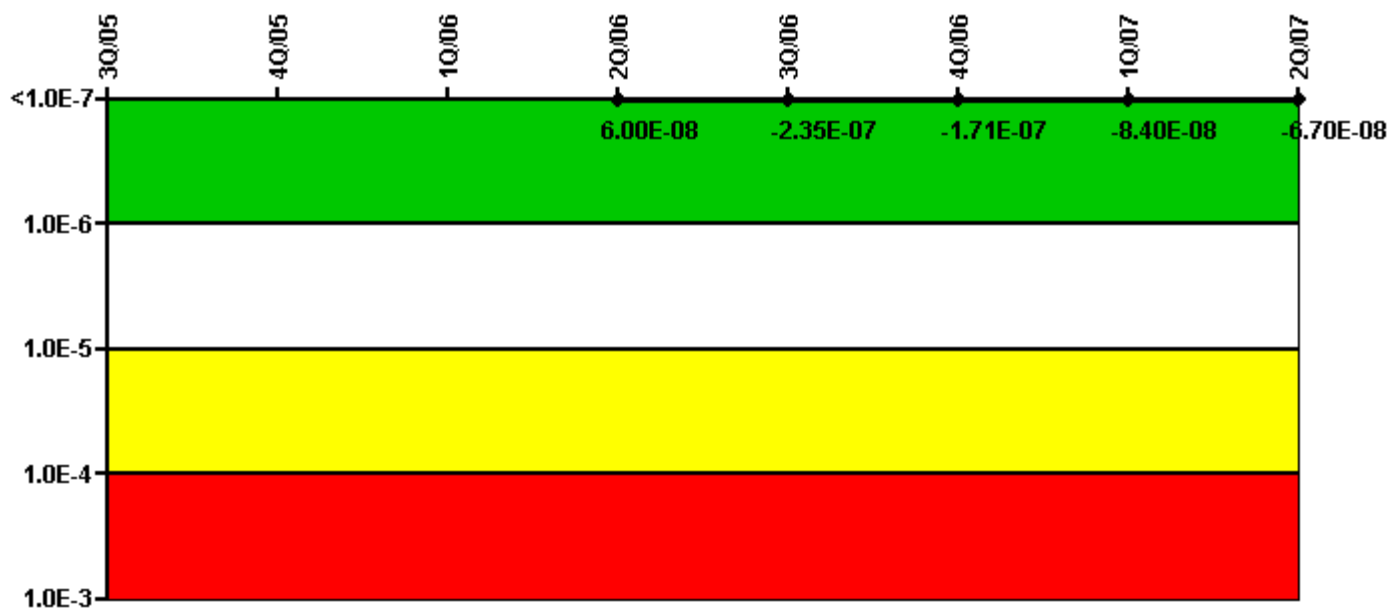
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (ACDF)				5.10E-08	5.30E-08	4.70E-08	4.70E-08	2.90E-08
URI (ACDF)				-1.10E-07	-1.10E-07	-4.60E-08	-4.60E-08	-5.90E-08
PLE				NO	NO	NO	NO	NO
Indicator value				-5.90E-08	-5.70E-08	1.00E-09	1.00E-09	-3.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



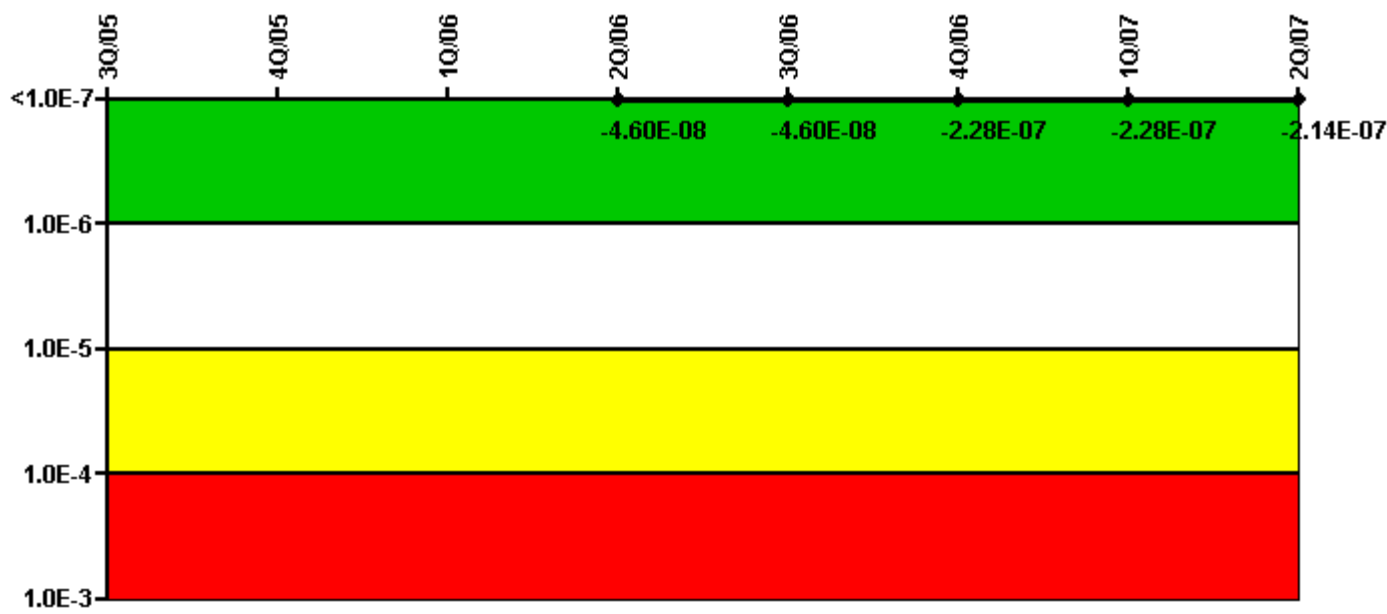
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (ACDF)				1.50E-07	1.50E-08	8.60E-09	9.60E-08	6.30E-08
URI (ACDF)				-9.00E-08	-2.50E-07	-1.80E-07	-1.80E-07	-1.30E-07
PLE				NO	NO	NO	NO	NO
Indicator value				6.00E-08	-2.35E-07	-1.71E-07	-8.40E-08	-6.70E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



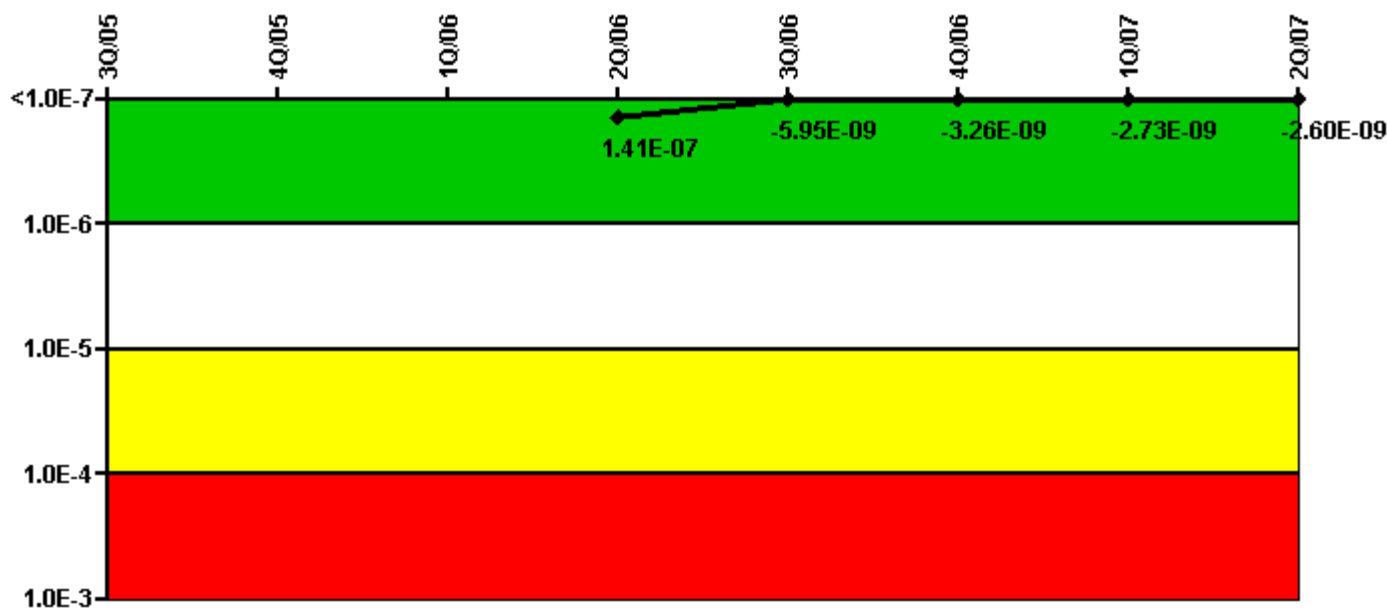
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (ΔCDF)				8.40E-08	8.40E-08	-3.80E-08	-3.80E-08	-3.40E-08
URI (ΔCDF)				-1.30E-07	-1.30E-07	-1.90E-07	-1.90E-07	-1.80E-07
PLE				NO	NO	NO	NO	NO
Indicator value				-4.60E-08	-4.60E-08	-2.28E-07	-2.28E-07	-2.14E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



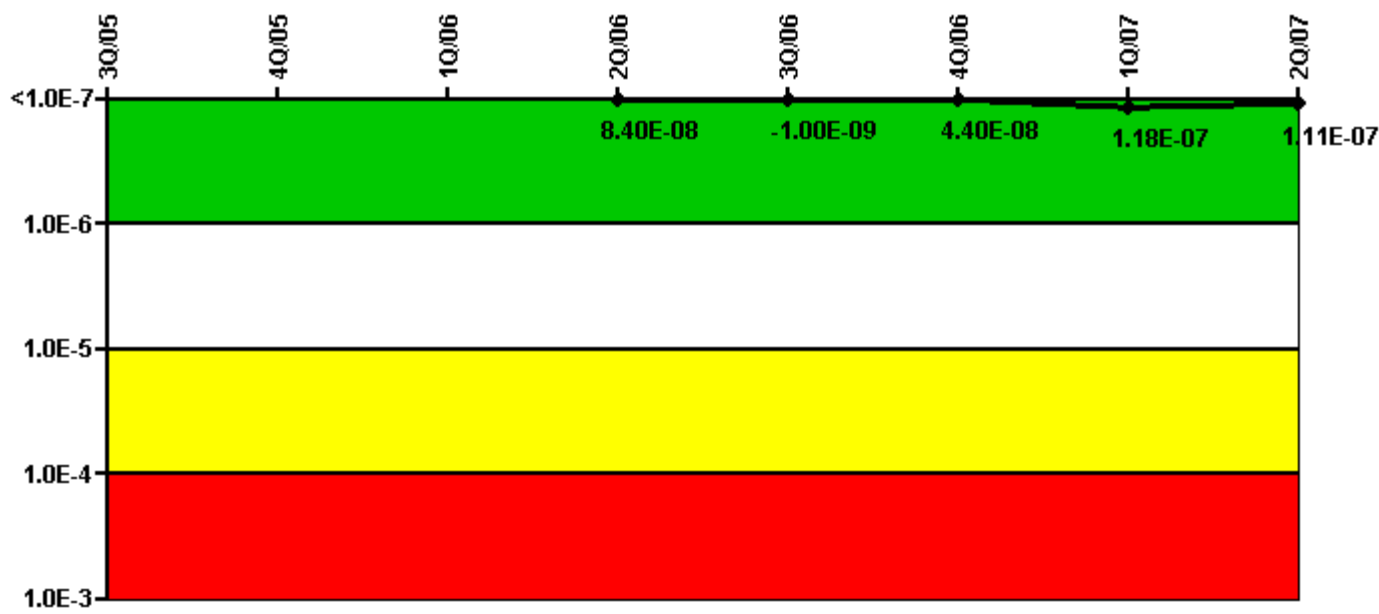
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (ΔCDF)				1.40E-09	2.50E-10	1.40E-10	6.70E-10	6.00E-10
URI (ΔCDF)				1.40E-07	-6.20E-09	-3.40E-09	-3.40E-09	-3.20E-09
PLE				NO	NO	NO	NO	NO
Indicator value				1.41E-07	-5.95E-09	-3.26E-09	-2.73E-09	-2.60E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



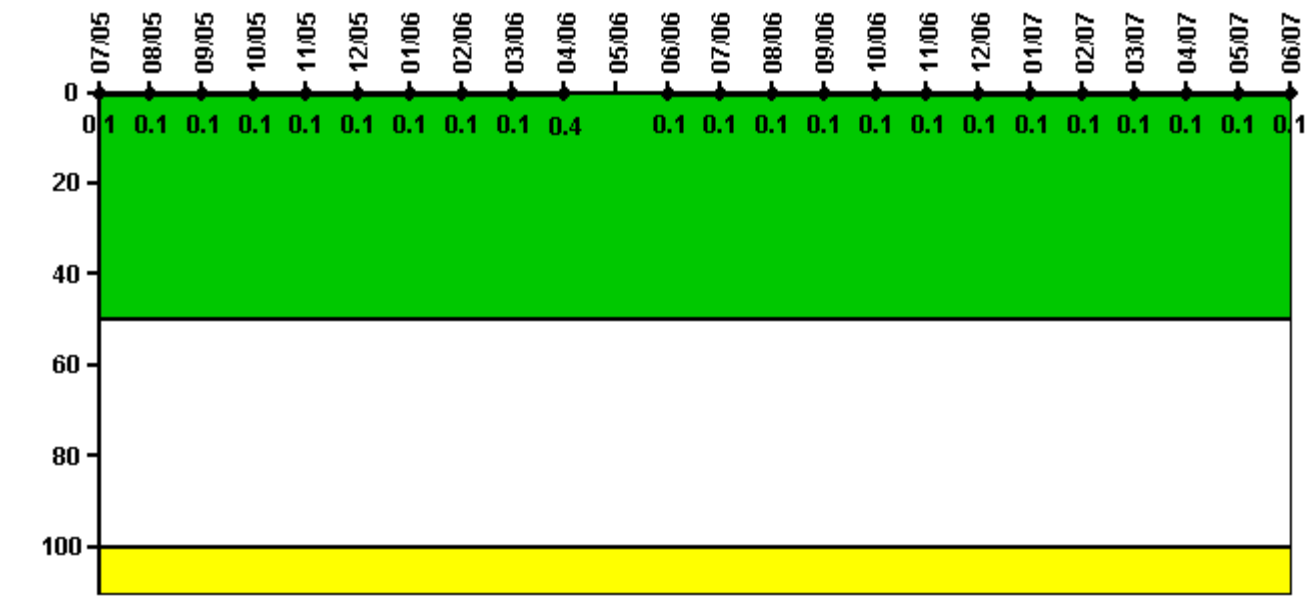
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (ACDF)				6.40E-08	1.80E-08	5.60E-08	1.30E-07	1.20E-07
URI (ACDF)				2.00E-08	-1.90E-08	-1.20E-08	-1.20E-08	-9.00E-09
PLE				NO	NO	NO	NO	NO
Indicator value				8.40E-08	-1.00E-09	4.40E-08	1.18E-07	1.11E-07

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

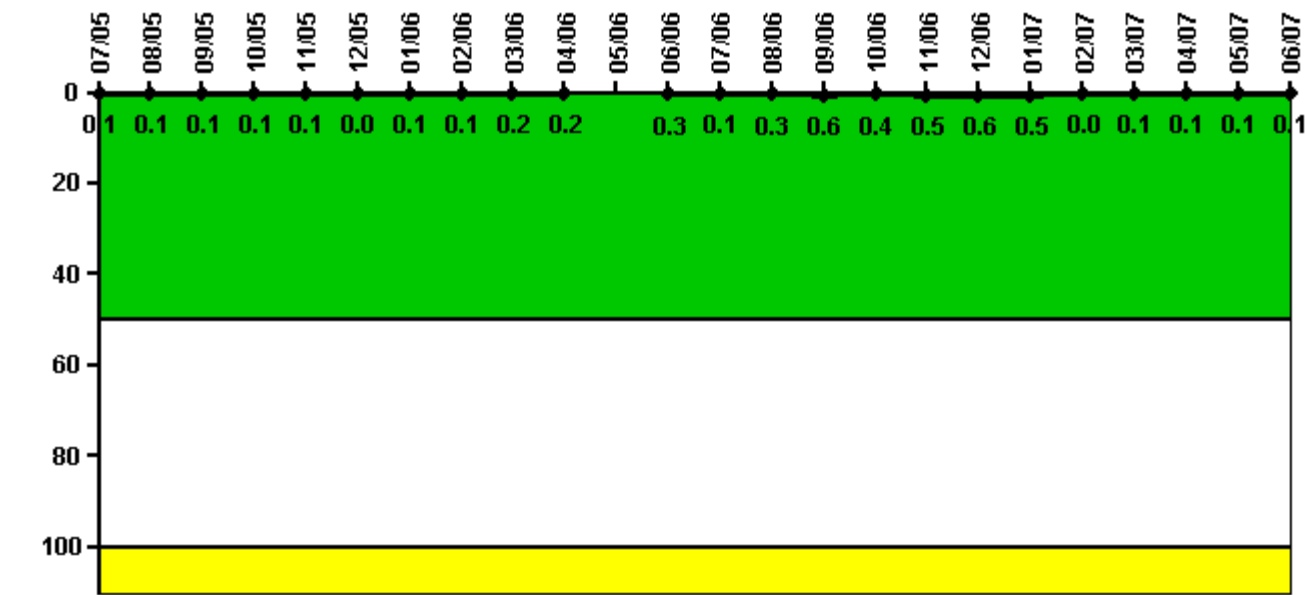
Notes

Reactor Coolant System Activity	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06
Maximum activity	0.001010	0.000921	0.000983	0.000922	0.000988	0.000994	0.001070	0.001060	0.001120	0.004150	N/A	0.000833
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.4	N/A	0.1

Reactor Coolant System Activity	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07
Maximum activity	0.000639	0.000702	0.000690	0.000770	0.000773	0.000720	0.000772	0.001400	0.000814	0.000770	0.000821	0.000859
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
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

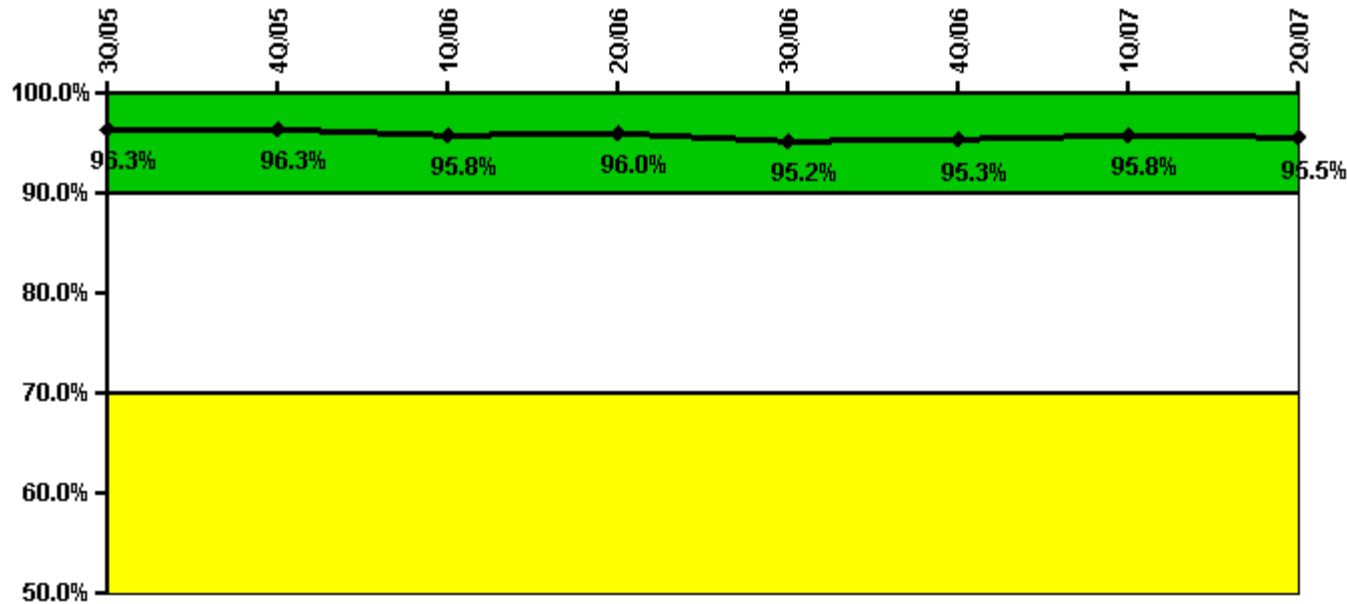
Notes

Reactor Coolant System Leakage	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06
Maximum leakage	0.010	0.010	0.005	0.010	0.010	0	0.010	0.005	0.018	0.020	N/A	0.030
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0	0.1	0.1	0.2	0.2	N/A	0.3

Reactor Coolant System Leakage	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07
Maximum leakage	0.010	0.030	0.060	0.039	0.050	0.060	0.054	0.003	0.005	0.005	0.005	0.008
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.3	0.6	0.4	0.5	0.6	0.5	0	0.1	0.1	0.1	0.1

Licensee Comments: none

Drill/Exercise Performance



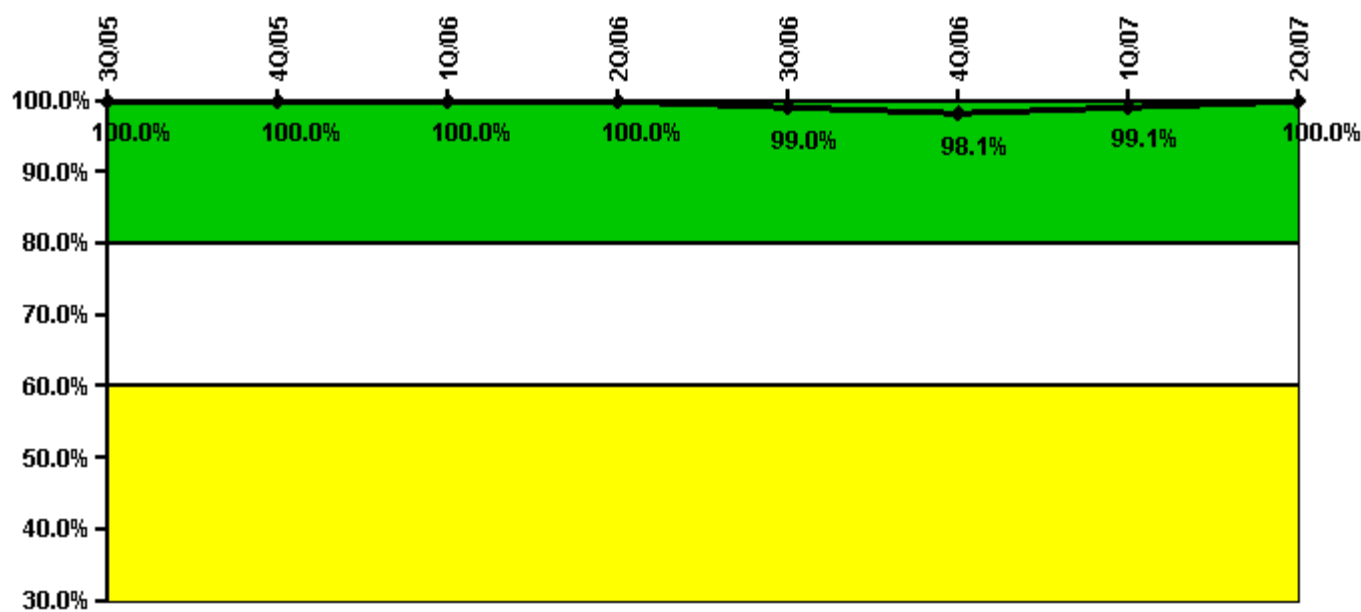
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Successful opportunities	67.0	9.0	49.0	66.0	71.0	78.0	113.0	38.0
Total opportunities	71.0	10.0	52.0	68.0	78.0	80.0	116.0	39.0
Indicator value	96.3%	96.3%	95.8%	96.0%	95.2%	95.3%	95.8%	95.5%

Licensee Comments: none

ERO Drill Participation



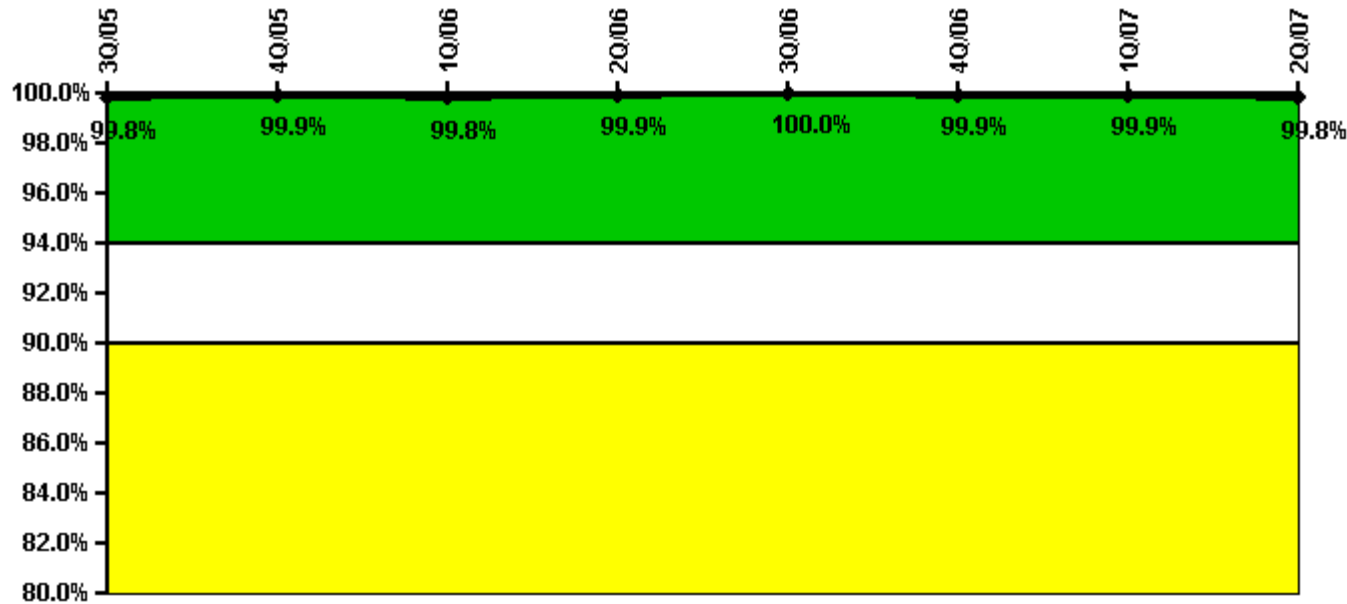
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Participating Key personnel	88.0	87.0	81.0	91.0	98.0	104.0	106.0	102.0
Total Key personnel	88.0	87.0	81.0	91.0	99.0	106.0	107.0	102.0
Indicator value	100.0%	100.0%	100.0%	100.0%	99.0%	98.1%	99.1%	100.0%

Licensee Comments: none

Alert & Notification System



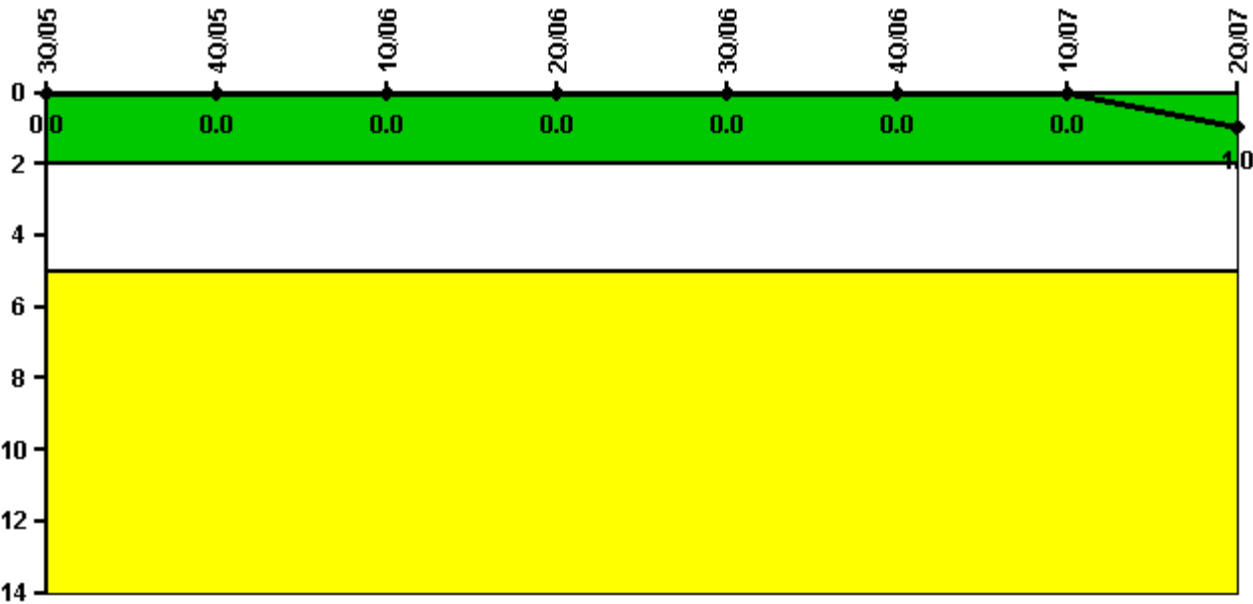
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Successful siren-tests	711	536	719	630	630	629	719	627
Total sirens-tests	712	536	720	630	630	630	720	630
Indicator value	99.8%	99.9%	99.8%	99.9%	100.0%	99.9%	99.9%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



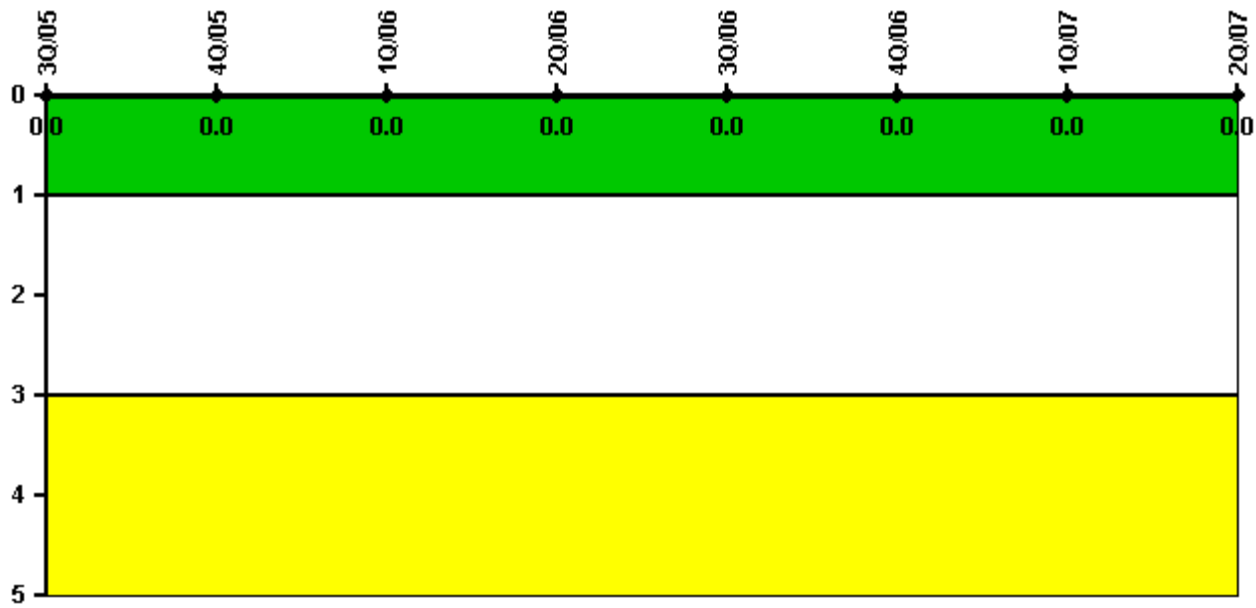
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
High radiation area occurrences	0	0	0	0	0	0	0	1
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	1

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/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.

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

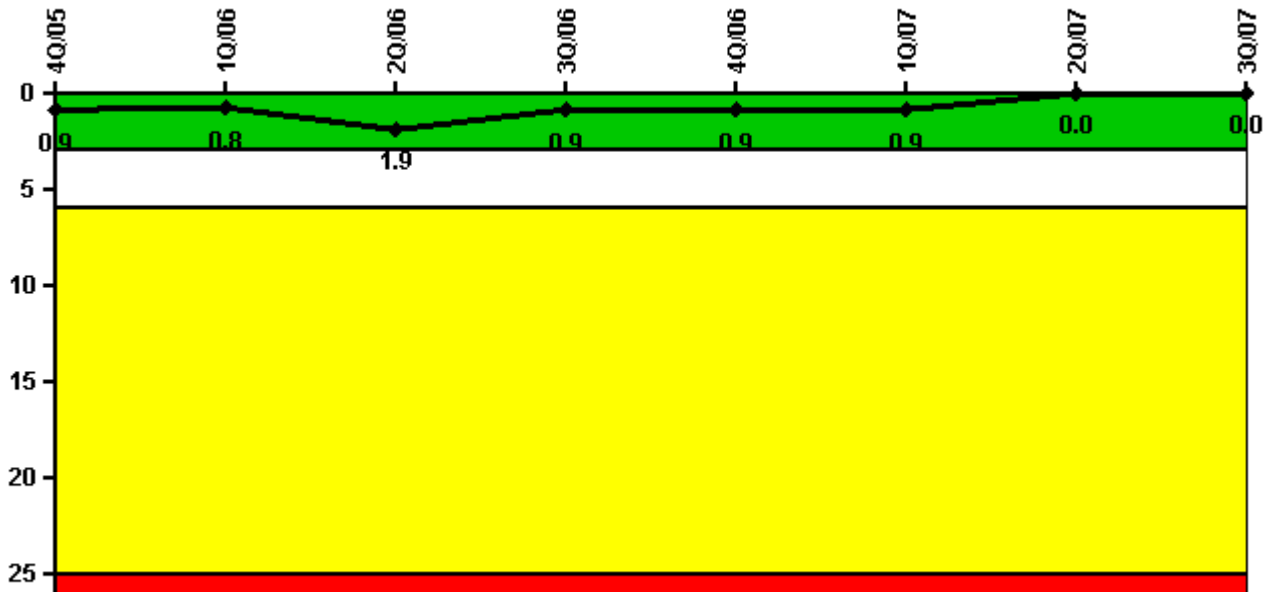
Last Modified: August 6, 2007

Saint Lucie 2

3Q/2007 Performance Indicators

Licensee's General Comments: USwC implementation; correction to 2Q/2007 Occupational Radiation data

Unplanned Scrams per 7000 Critical Hrs



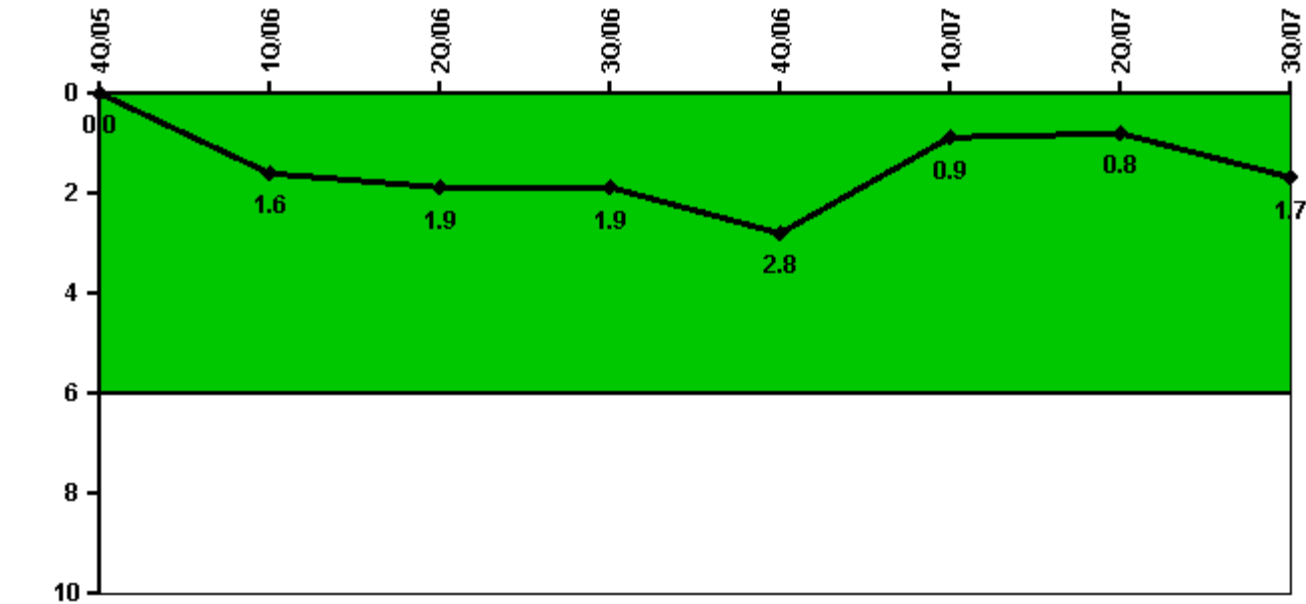
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Unplanned scrams	0	0	1.0	0	0	0	0	0
Critical hours	2123.9	2072.0	989.1	2208.0	2209.0	2159.0	2184.0	1903.2
Indicator value	0.9	0.8	1.9	0.9	0.9	0.9	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



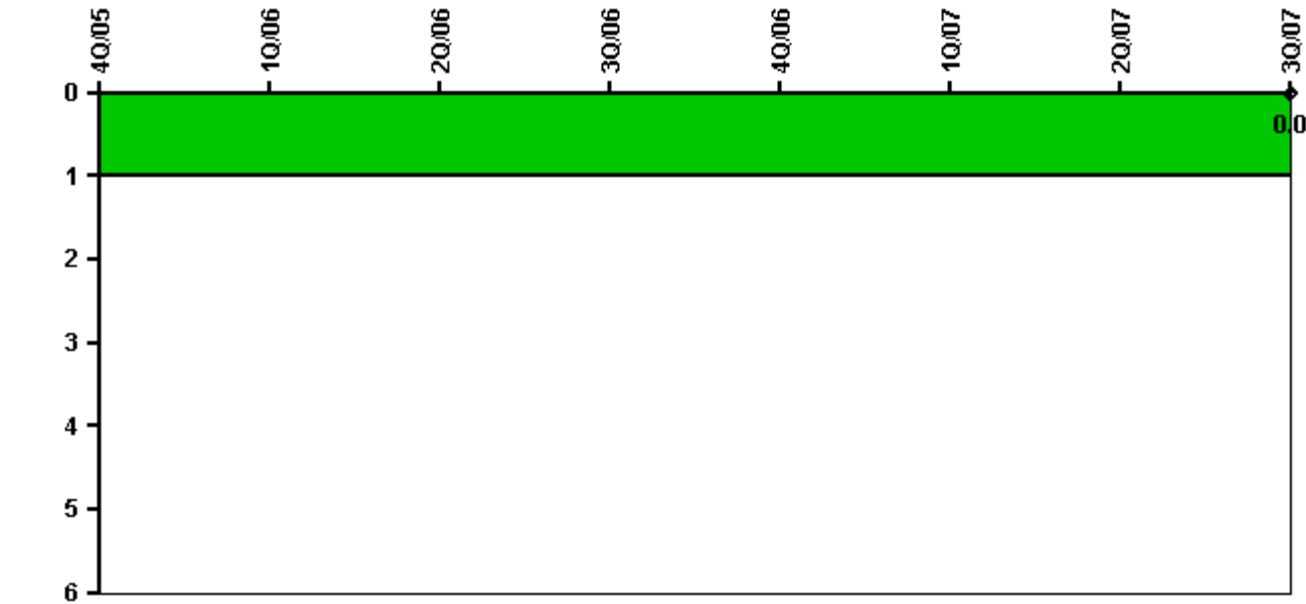
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Unplanned power changes	0	2.0	0	0	1.0	0	0	1.0
Critical hours	2123.9	2072.0	989.1	2208.0	2209.0	2159.0	2184.0	1903.2
Indicator value	0	1.6	1.9	1.9	2.8	0.9	0.8	1.7

Licensee Comments: none

Unplanned Scrams with Complications



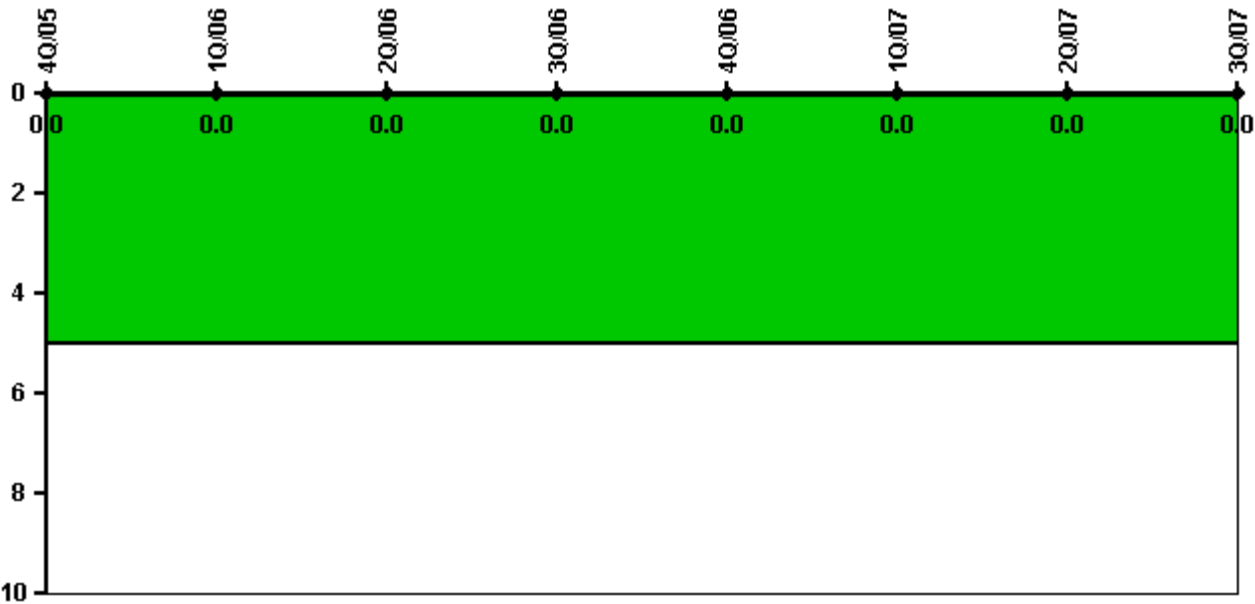
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Scrams with complications					0	0	0	0
Indicator value								0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



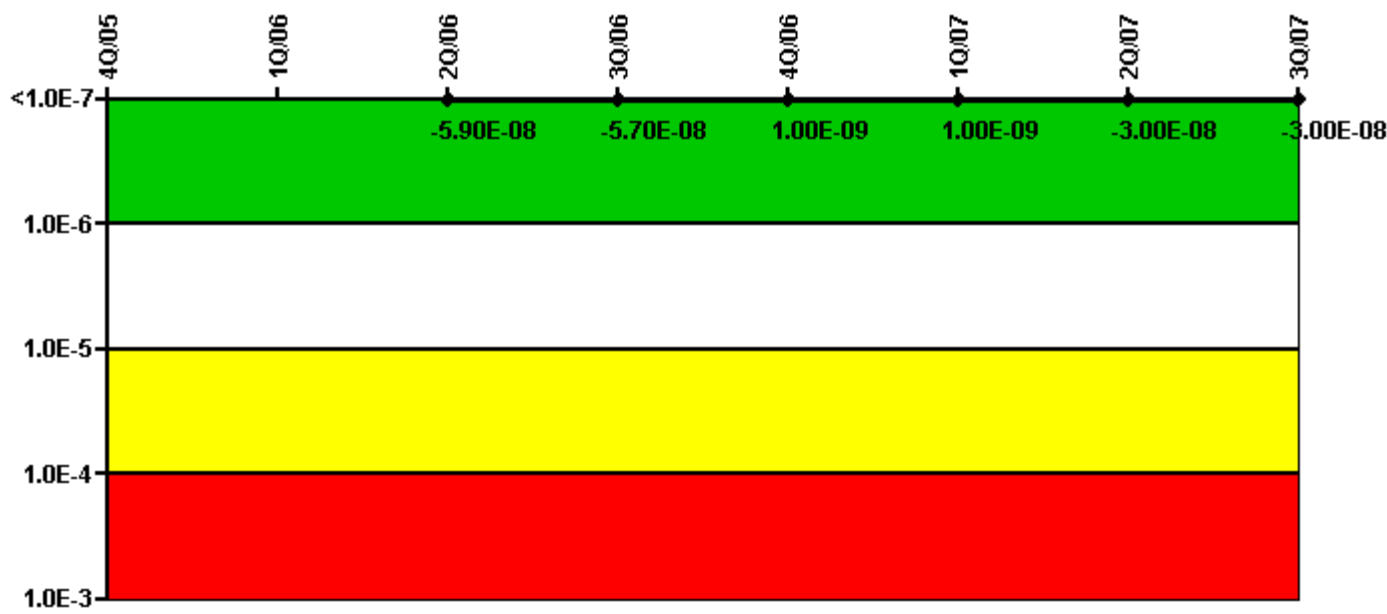
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



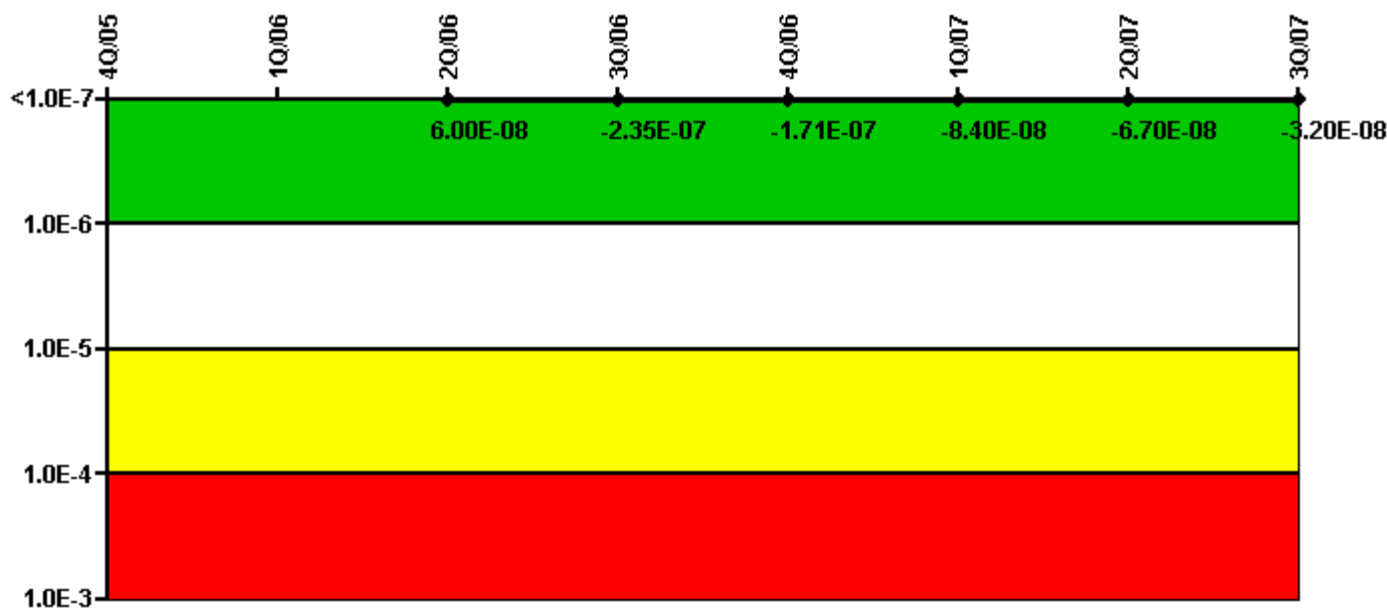
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI (ACDF)			5.10E-08	5.30E-08	4.70E-08	4.70E-08	2.90E-08	2.90E-08
URI (ACDF)			-1.10E-07	-1.10E-07	-4.60E-08	-4.60E-08	-5.90E-08	-5.90E-08
PLE			NO	NO	NO	NO	NO	NO
Indicator value			-5.90E-08	-5.70E-08	1.00E-09	1.00E-09	-3.00E-08	-3.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



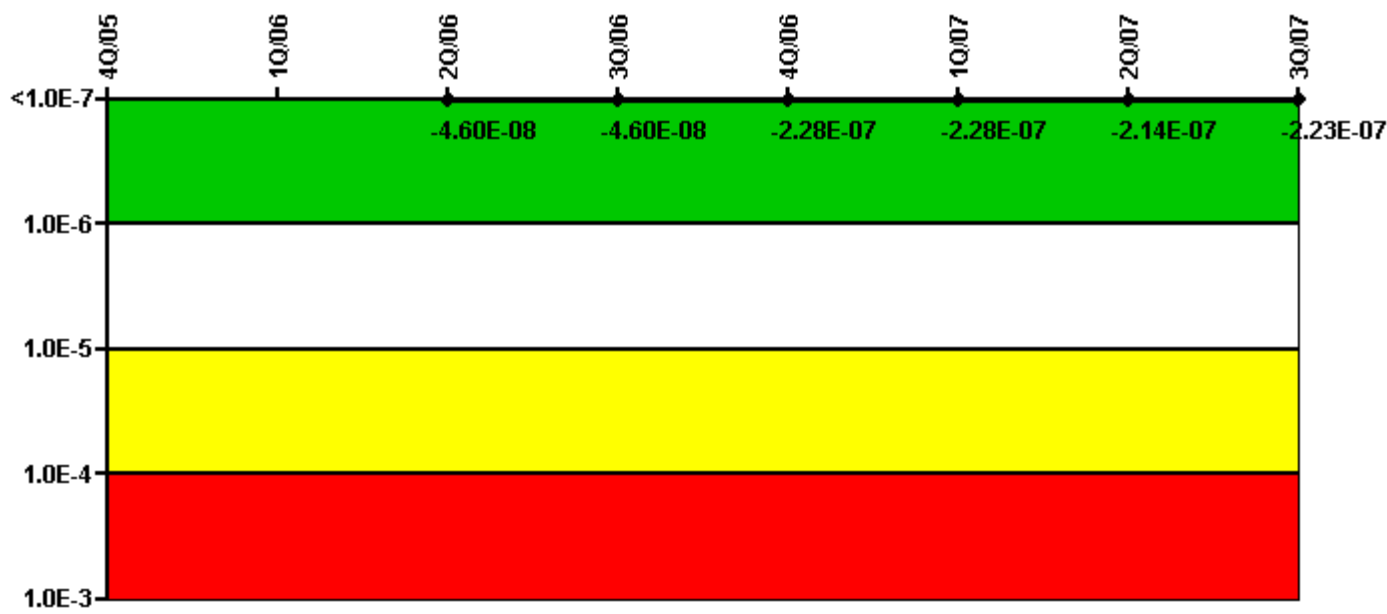
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI (ACDF)			1.50E-07	1.50E-08	8.60E-09	9.60E-08	6.30E-08	9.80E-08
URI (ACDF)			-9.00E-08	-2.50E-07	-1.80E-07	-1.80E-07	-1.30E-07	-1.30E-07
PLE			NO	NO	NO	NO	NO	NO
Indicator value			6.00E-08	-2.35E-07	-1.71E-07	-8.40E-08	-6.70E-08	-3.20E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



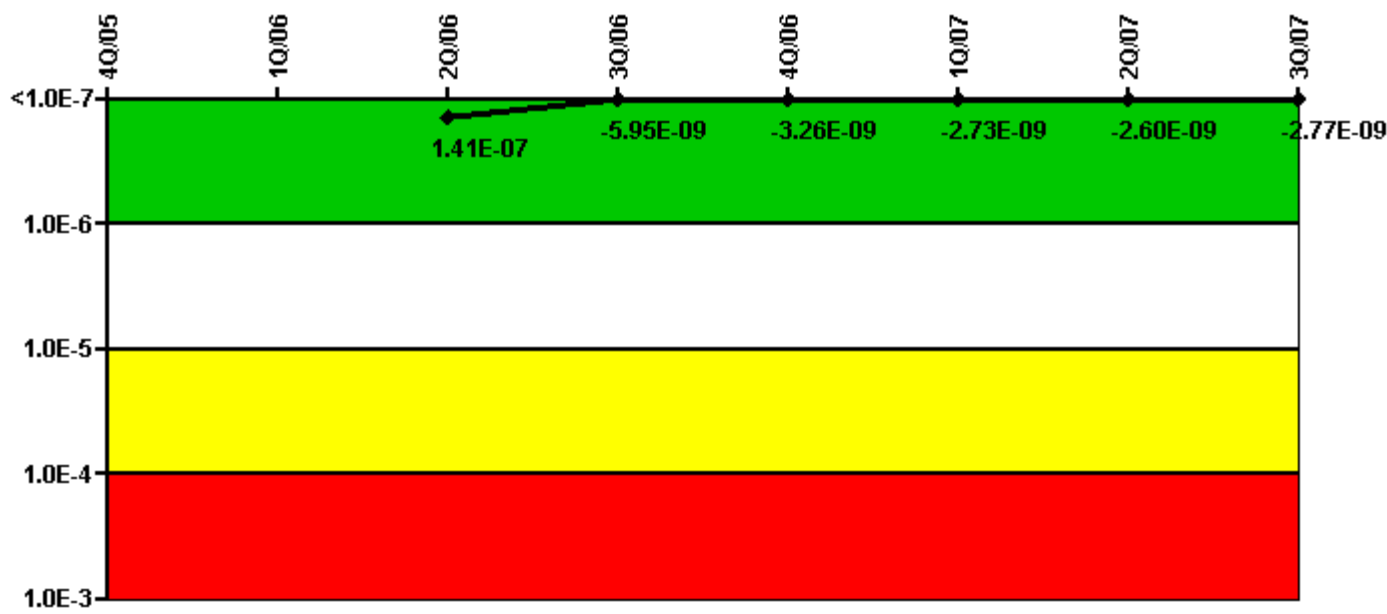
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI (ΔCDF)			8.40E-08	8.40E-08	-3.80E-08	-3.80E-08	-3.40E-08	-4.30E-08
URI (ΔCDF)			-1.30E-07	-1.30E-07	-1.90E-07	-1.90E-07	-1.80E-07	-1.80E-07
PLE			NO	NO	NO	NO	NO	NO
Indicator value			-4.60E-08	-4.60E-08	-2.28E-07	-2.28E-07	-2.14E-07	-2.23E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



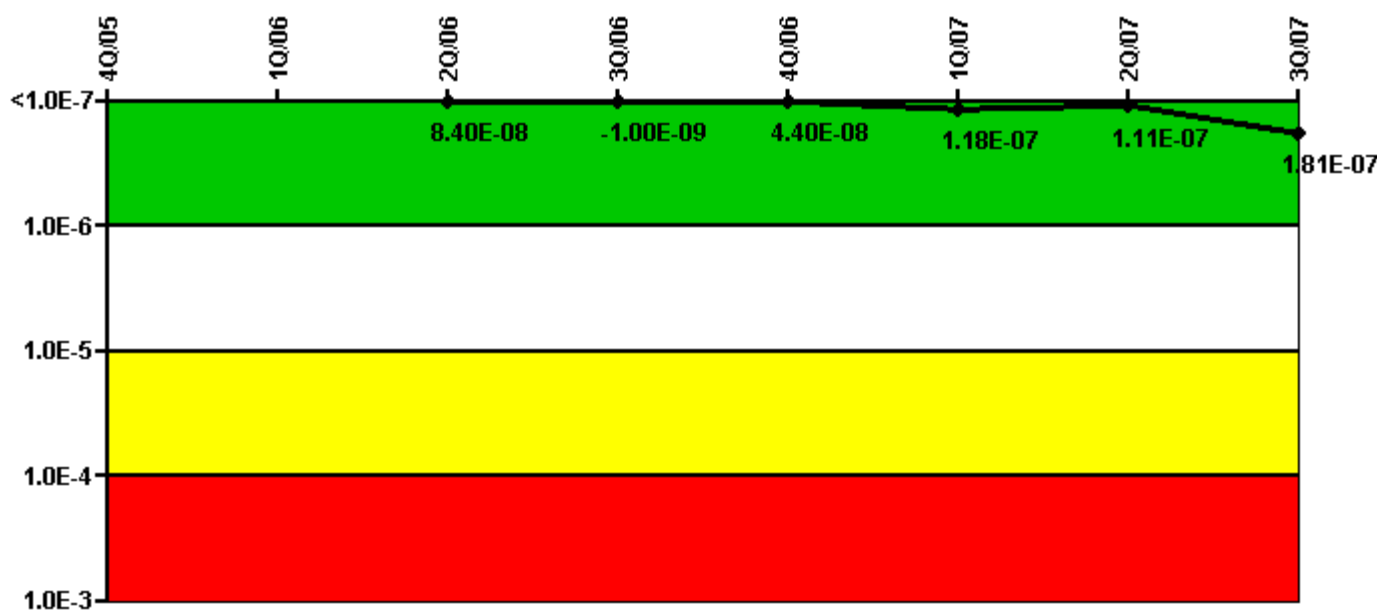
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI (ΔCDF)			1.40E-09	2.50E-10	1.40E-10	6.70E-10	6.00E-10	4.30E-10
URI (ΔCDF)			1.40E-07	-6.20E-09	-3.40E-09	-3.40E-09	-3.20E-09	-3.20E-09
PLE			NO	NO	NO	NO	NO	NO
Indicator value			1.41E-07	-5.95E-09	-3.26E-09	-2.73E-09	-2.60E-09	-2.77E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



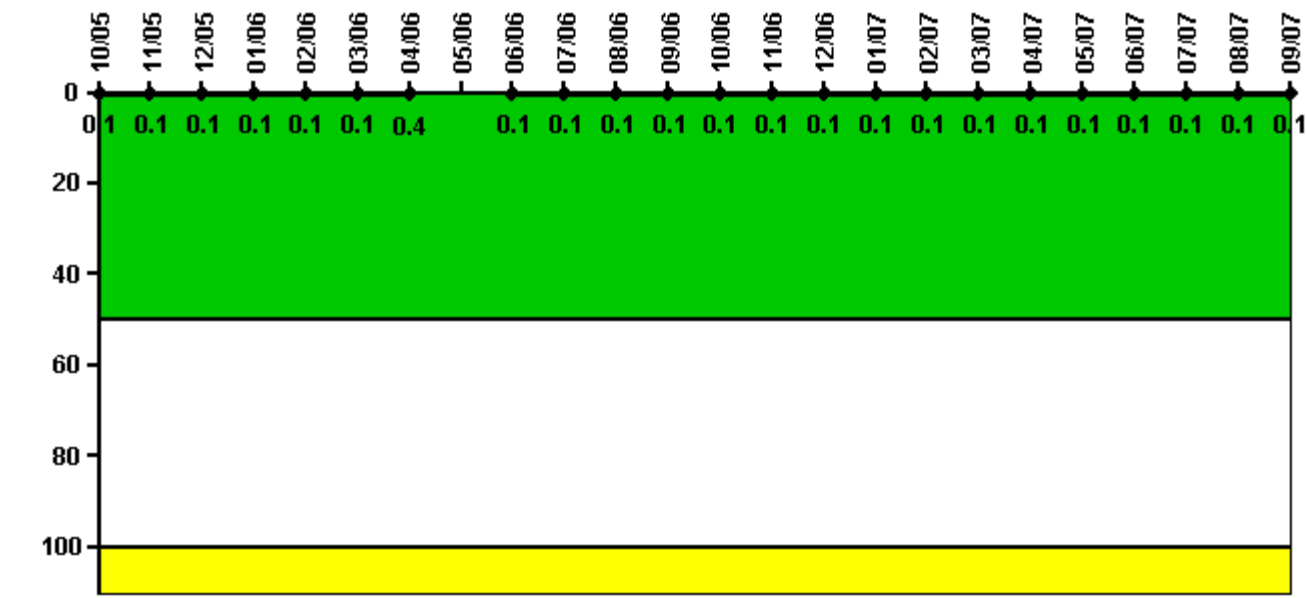
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI (ΔCDF)			6.40E-08	1.80E-08	5.60E-08	1.30E-07	1.20E-07	1.90E-07
URI (ΔCDF)			2.00E-08	-1.90E-08	-1.20E-08	-1.20E-08	-9.00E-09	-9.00E-09
PLE			NO	NO	NO	NO	NO	NO
Indicator value			8.40E-08	-1.00E-09	4.40E-08	1.18E-07	1.11E-07	1.81E-07

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

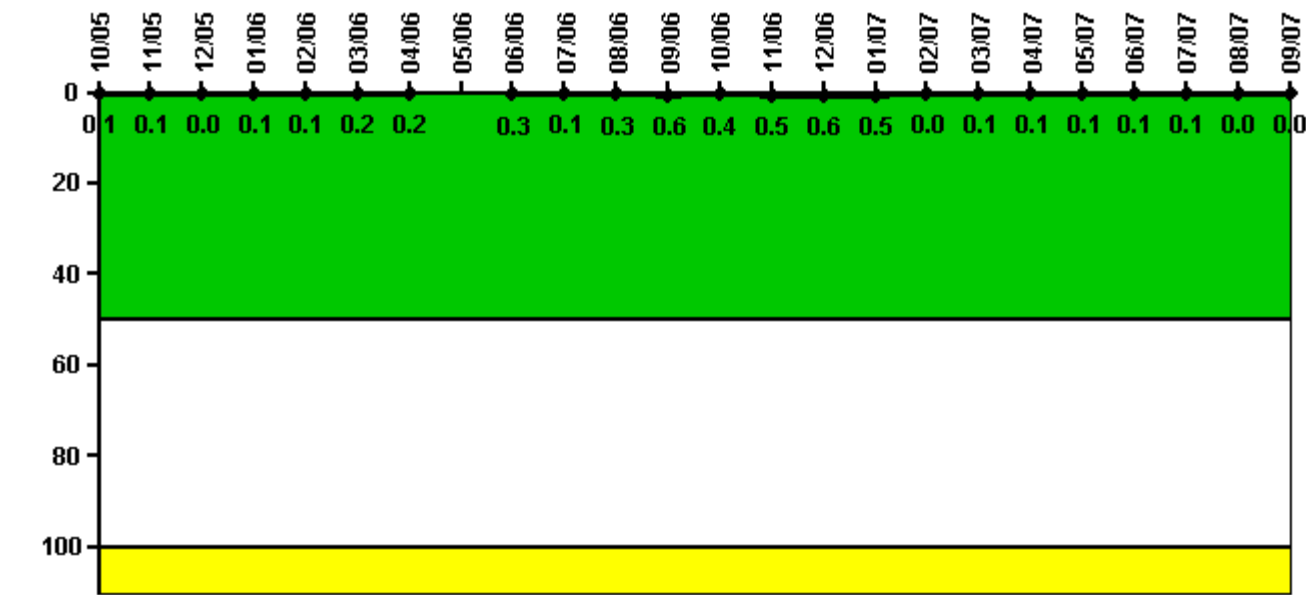
Notes

Reactor Coolant System Activity	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06
Maximum activity	0.000922	0.000988	0.000994	0.001070	0.001060	0.001120	0.004150	N/A	0.000833	0.000639	0.000702	0.000690
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.4	N/A	0.1	0.1	0.1	0.1

Reactor Coolant System Activity	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07
Maximum activity	0.000770	0.000773	0.000720	0.000772	0.001400	0.000814	0.000770	0.000821	0.000859	0.000920	0.000906	0.000956
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
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

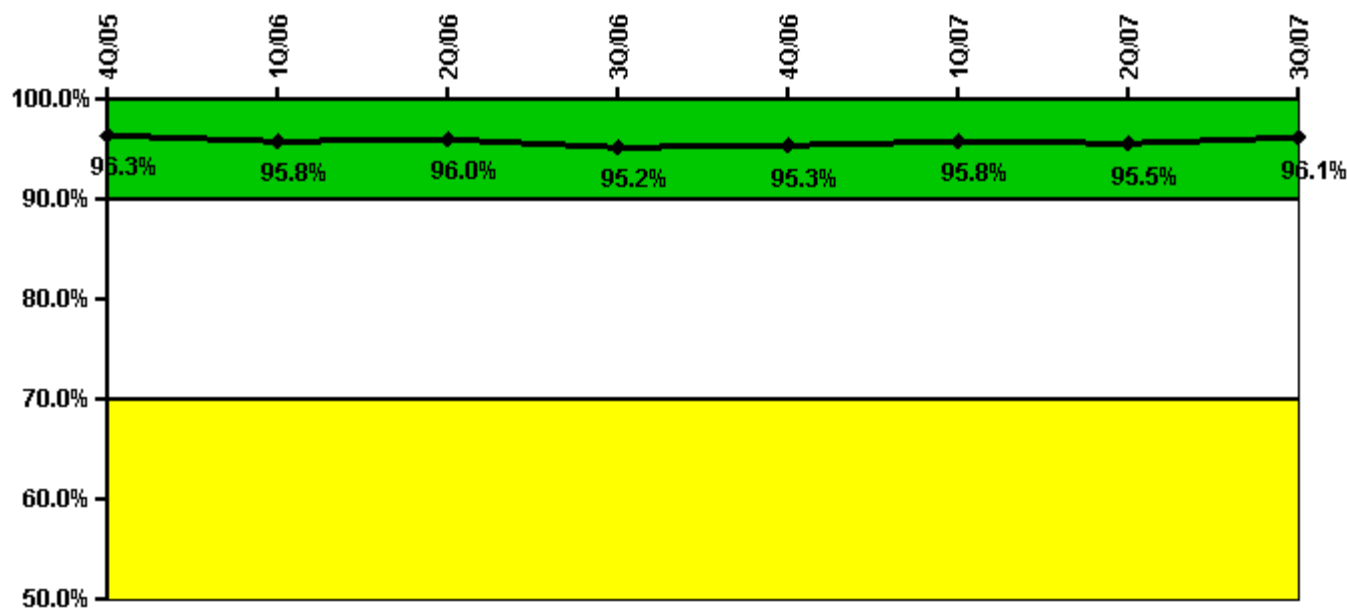
Notes

Reactor Coolant System Leakage	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06
Maximum leakage	0.010	0.010	0	0.010	0.005	0.018	0.020	N/A	0.030	0.010	0.030	0.060
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.1	0	0.1	0.1	0.2	0.2	N/A	0.3	0.1	0.3	0.6

Reactor Coolant System Leakage	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07
Maximum leakage	0.039	0.050	0.060	0.054	0.003	0.005	0.005	0.005	0.008	0.005	0	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.5	0.6	0.5	0	0.1	0.1	0.1	0.1	0.1	0	0

Licensee Comments: none

Drill/Exercise Performance



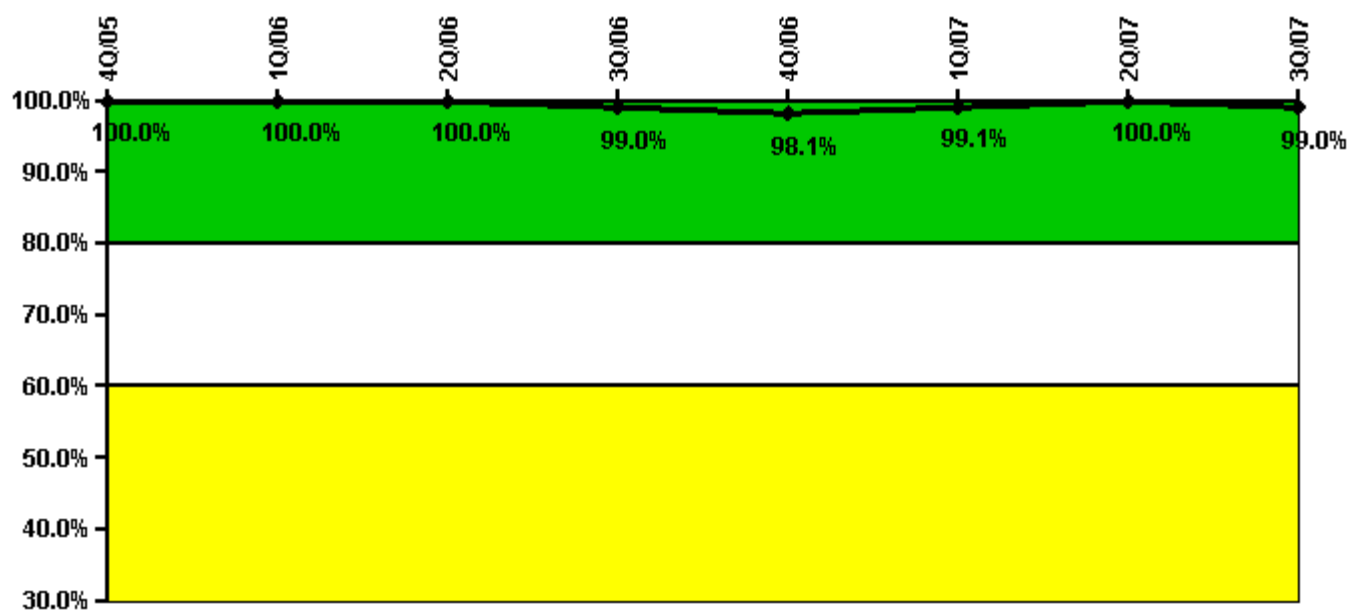
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Successful opportunities	9.0	49.0	66.0	71.0	78.0	113.0	38.0	88.0
Total opportunities	10.0	52.0	68.0	78.0	80.0	116.0	39.0	90.0
Indicator value	96.3%	95.8%	96.0%	95.2%	95.3%	95.8%	95.5%	96.1%

Licensee Comments: none

ERO Drill Participation



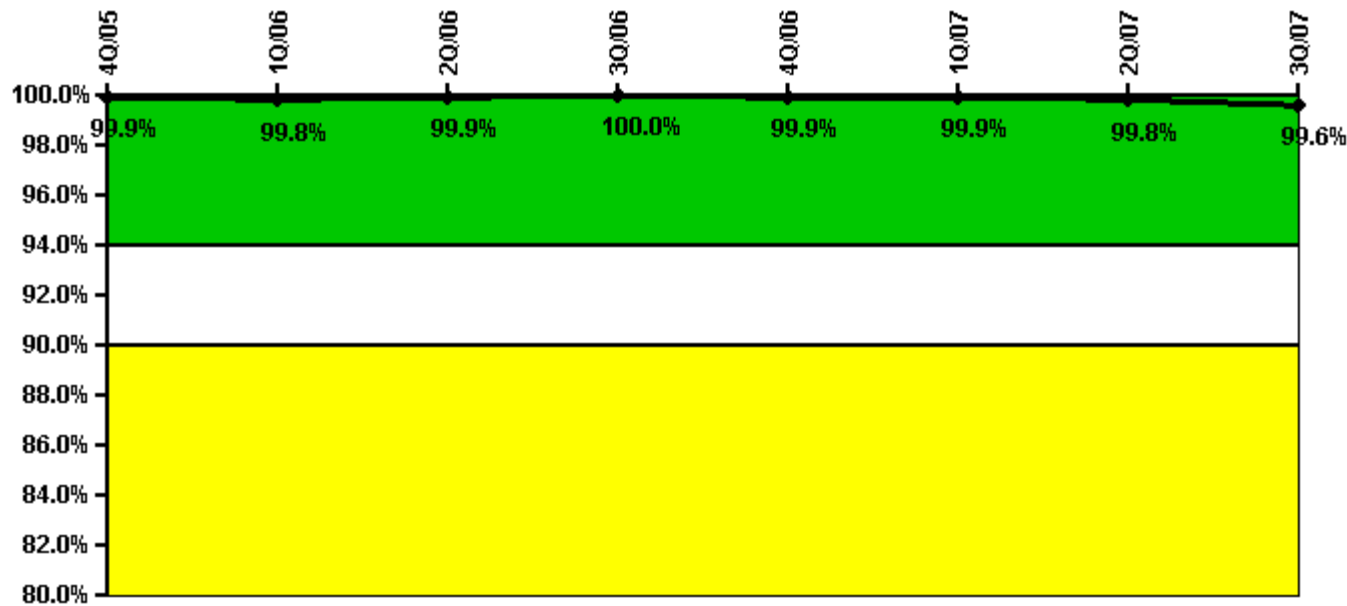
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Participating Key personnel	87.0	81.0	91.0	98.0	104.0	106.0	102.0	98.0
Total Key personnel	87.0	81.0	91.0	99.0	106.0	107.0	102.0	99.0
Indicator value	100.0%	100.0%	100.0%	99.0%	98.1%	99.1%	100.0%	99.0%

Licensee Comments: none

Alert & Notification System



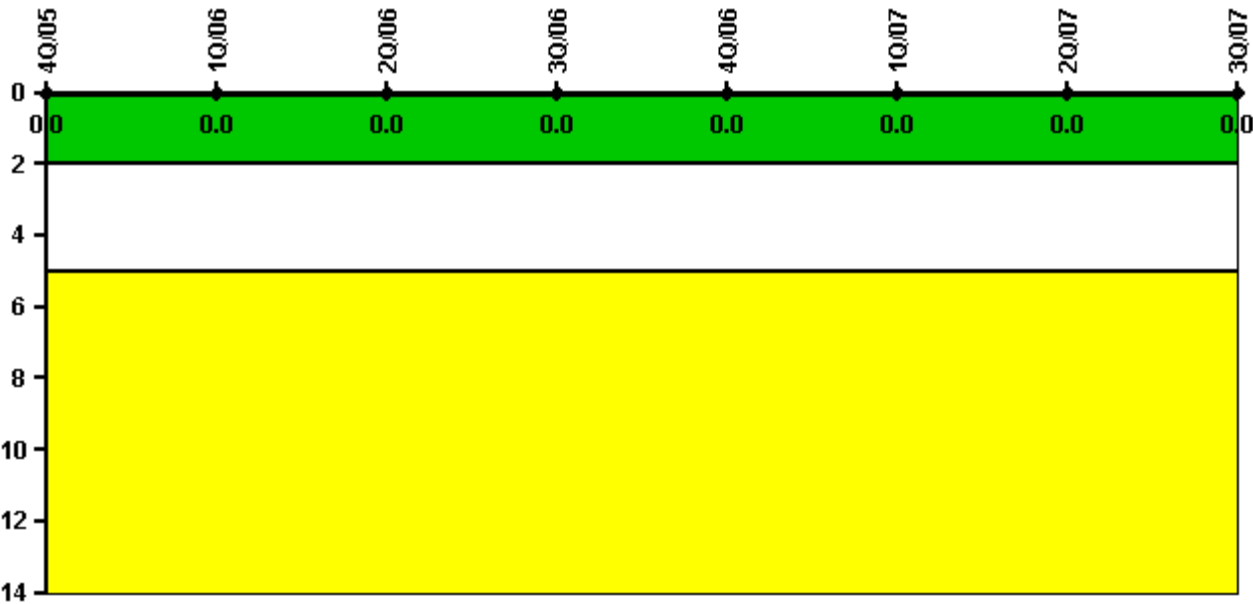
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Successful siren-tests	536	719	630	630	629	719	627	714
Total sirens-tests	536	720	630	630	630	720	630	720
Indicator value	99.9%	99.8%	99.9%	100.0%	99.9%	99.9%	99.8%	99.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

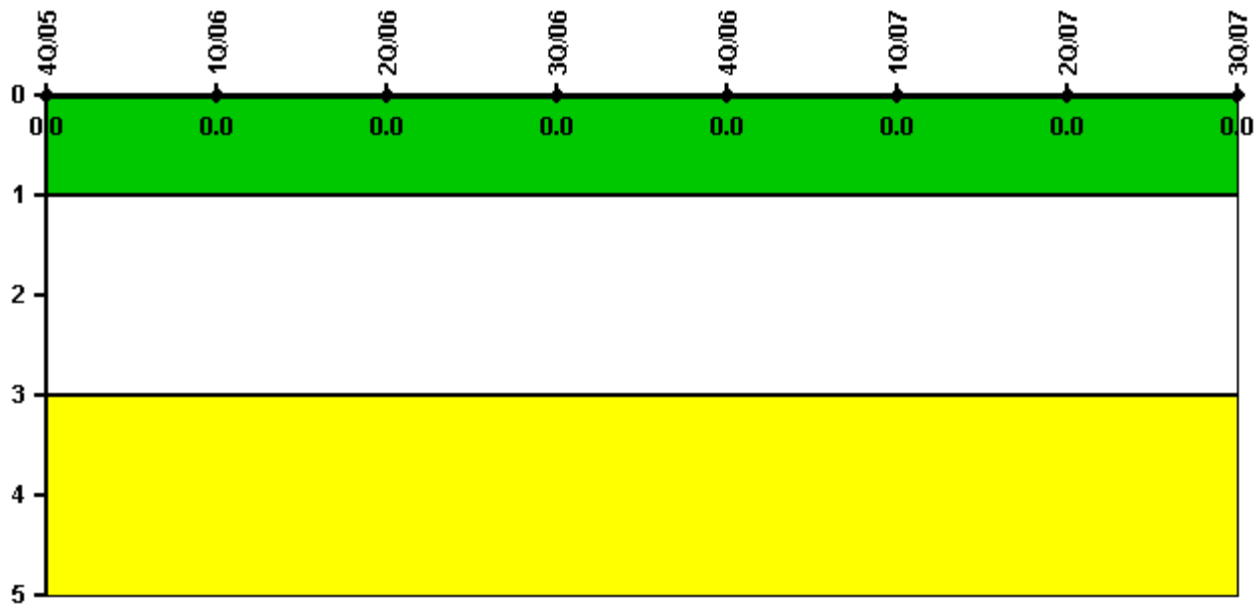
Notes

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

2Q/07: April High radiation area occurrences Data corrected from "1" to "0" based on subsequent NRC Region 2 and NRR concurrence that the event in question did not represent a locked high radiation area occurrence.

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/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.

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

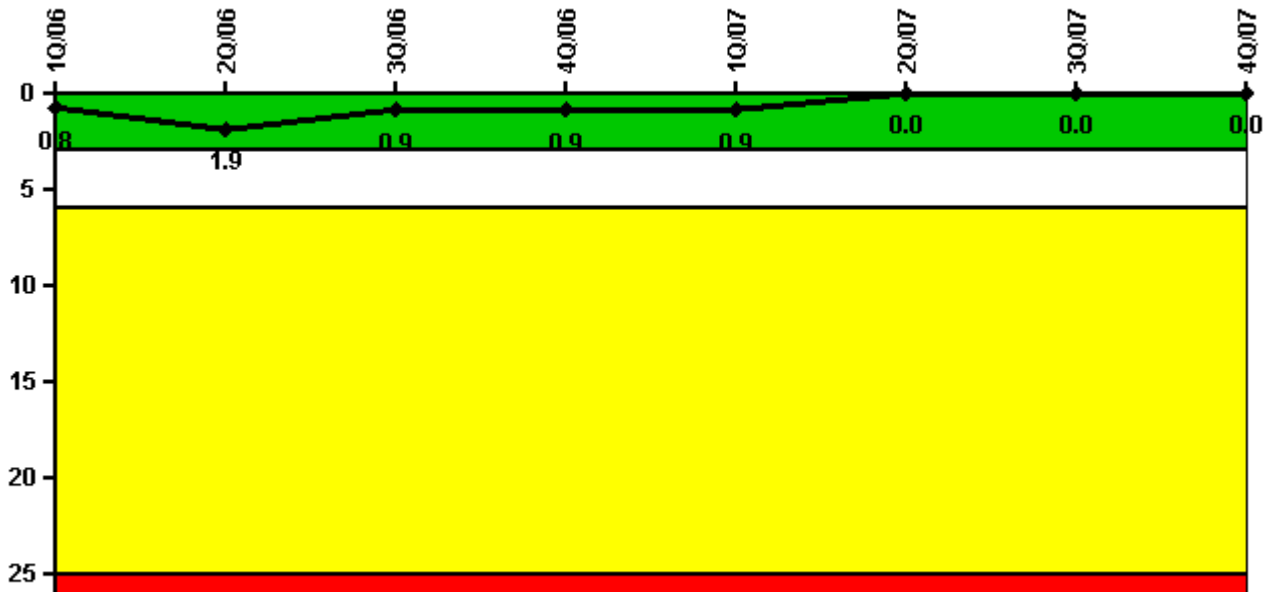
Last Modified: December 7, 2007

Saint Lucie 2

4Q/2007 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



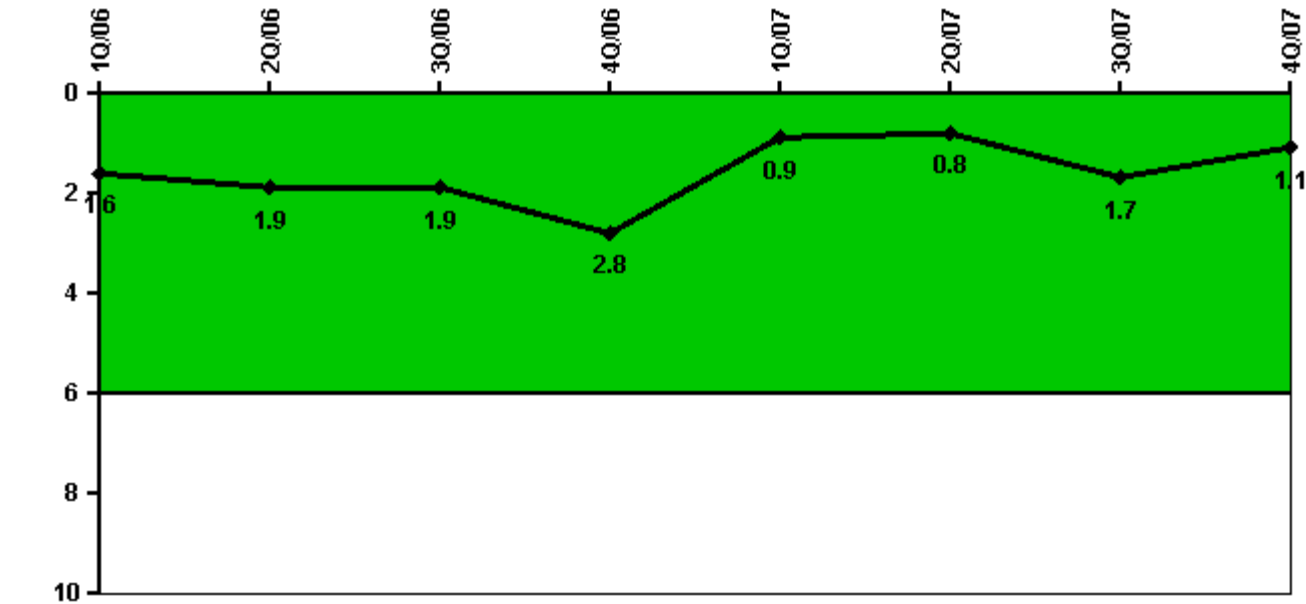
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Unplanned scrams	0	1.0	0	0	0	0	0	0
Critical hours	2072.0	989.1	2208.0	2209.0	2159.0	2184.0	1903.2	0
Indicator value	0.8	1.9	0.9	0.9	0.9	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



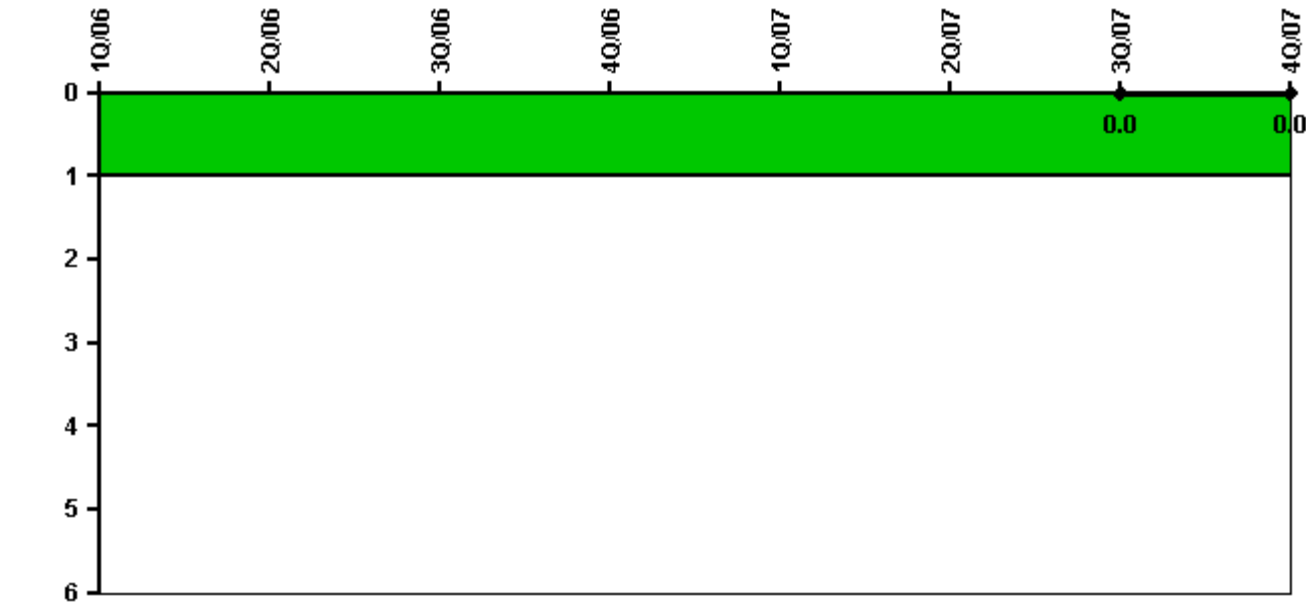
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Unplanned power changes	2.0	0	0	1.0	0	0	1.0	0
Critical hours	2072.0	989.1	2208.0	2209.0	2159.0	2184.0	1903.2	0
Indicator value	1.6	1.9	1.9	2.8	0.9	0.8	1.7	1.1

Licensee Comments: none

Unplanned Scrams with Complications



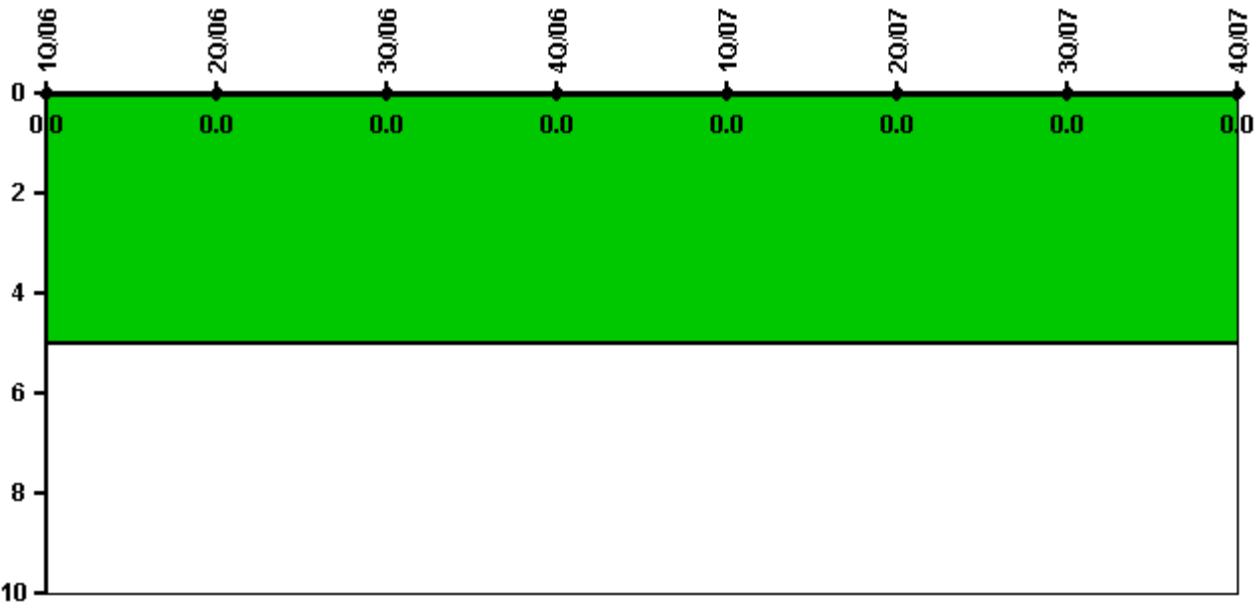
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Scrams with complications				0	0	0	0	0
Indicator value							0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



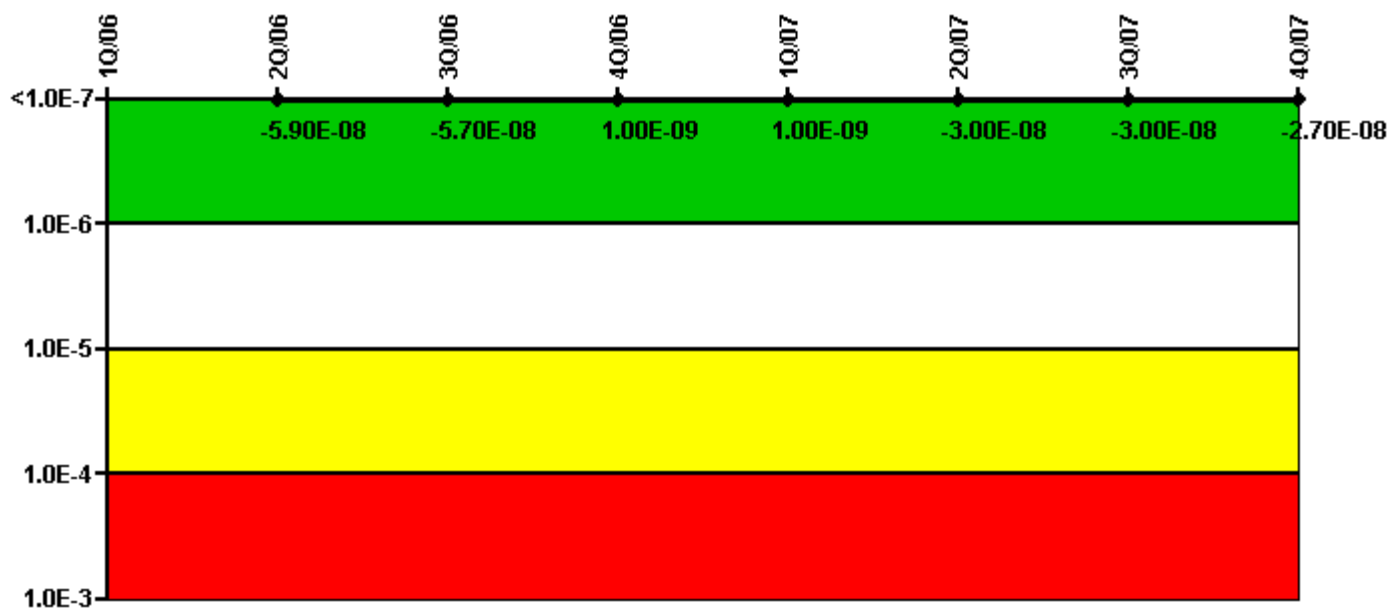
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



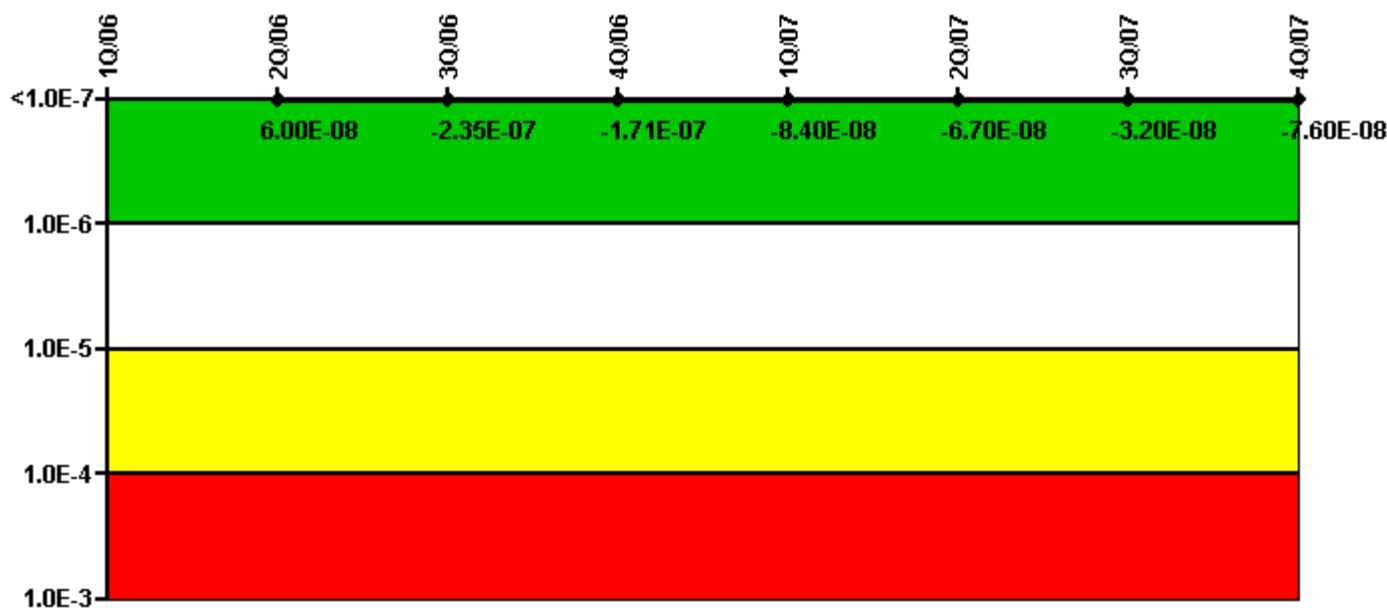
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI (ACDF)		5.10E-08	5.30E-08	4.70E-08	4.70E-08	2.90E-08	2.90E-08	3.20E-08
URI (ACDF)		-1.10E-07	-1.10E-07	-4.60E-08	-4.60E-08	-5.90E-08	-5.90E-08	-5.90E-08
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		-5.90E-08	-5.70E-08	1.00E-09	1.00E-09	-3.00E-08	-3.00E-08	-2.70E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



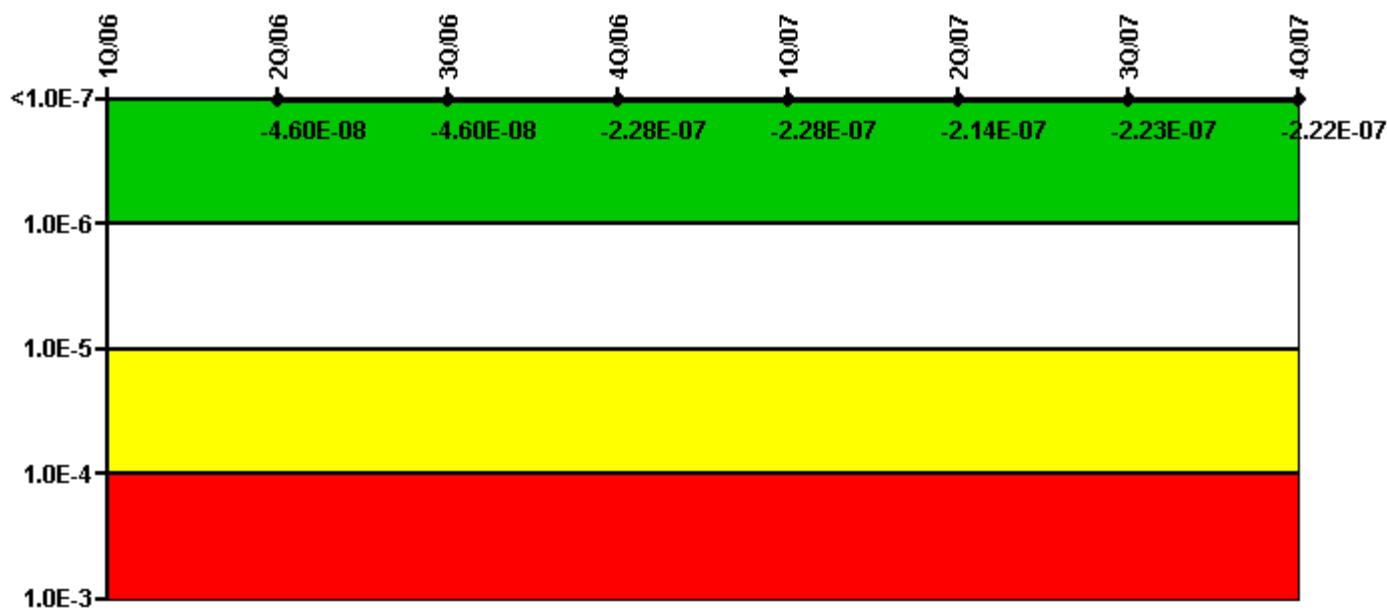
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI (ACDF)		1.50E-07	1.50E-08	8.60E-09	9.60E-08	6.30E-08	9.80E-08	5.40E-08
URI (ACDF)		-9.00E-08	-2.50E-07	-1.80E-07	-1.80E-07	-1.30E-07	-1.30E-07	-1.30E-07
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		6.00E-08	-2.35E-07	-1.71E-07	-8.40E-08	-6.70E-08	-3.20E-08	-7.60E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



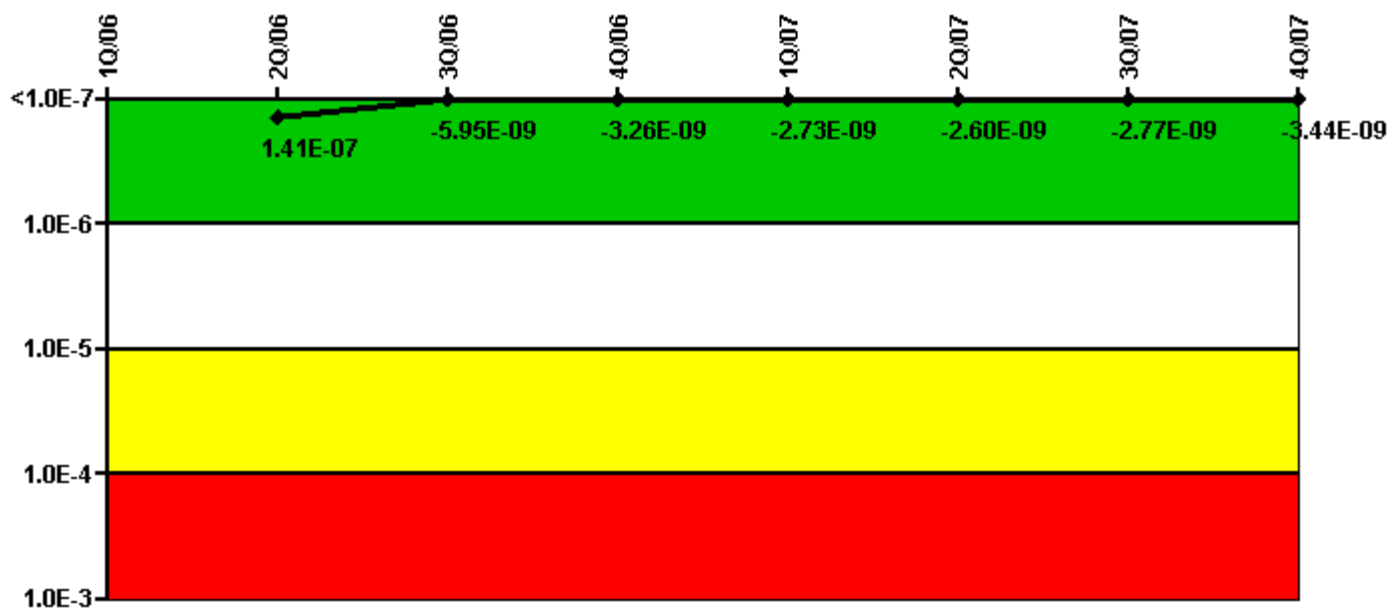
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI (ΔCDF)		8.40E-08	8.40E-08	-3.80E-08	-3.80E-08	-3.40E-08	-4.30E-08	-4.20E-08
URI (ΔCDF)		-1.30E-07	-1.30E-07	-1.90E-07	-1.90E-07	-1.80E-07	-1.80E-07	-1.80E-07
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		-4.60E-08	-4.60E-08	-2.28E-07	-2.28E-07	-2.14E-07	-2.23E-07	-2.22E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



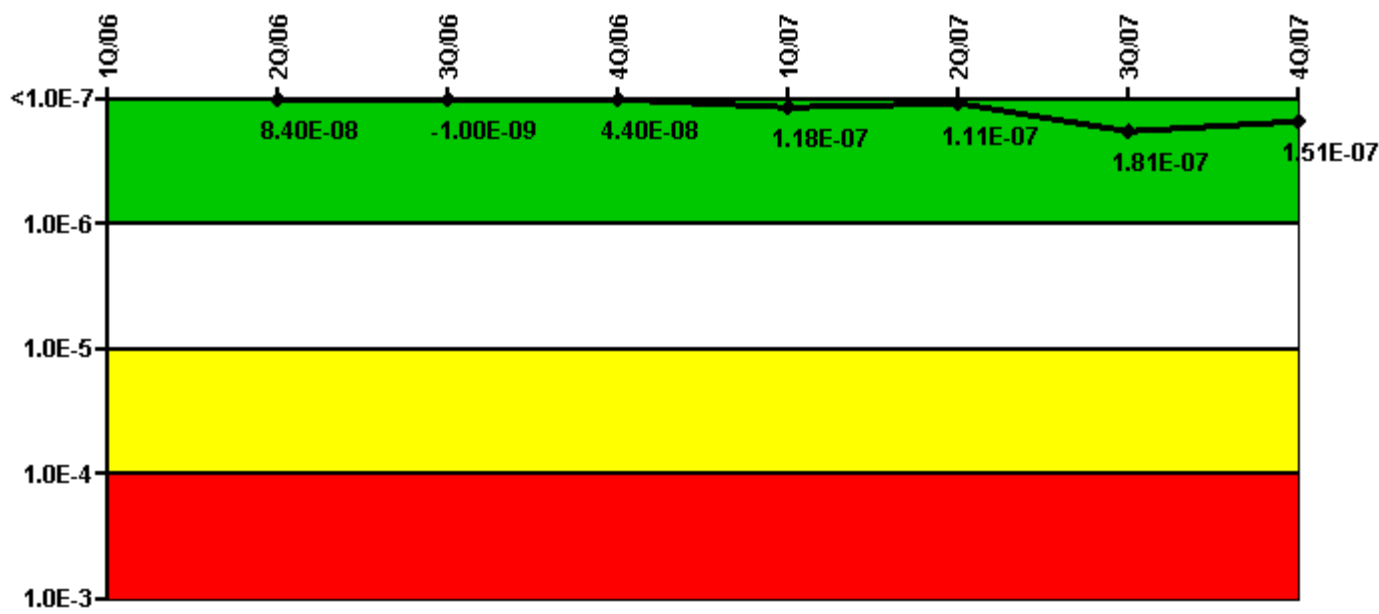
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI (ΔCDF)		1.40E-09	2.50E-10	1.40E-10	6.70E-10	6.00E-10	4.30E-10	-2.40E-10
URI (ΔCDF)		1.40E-07	-6.20E-09	-3.40E-09	-3.40E-09	-3.20E-09	-3.20E-09	-3.20E-09
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		1.41E-07	-5.95E-09	-3.26E-09	-2.73E-09	-2.60E-09	-2.77E-09	-3.44E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



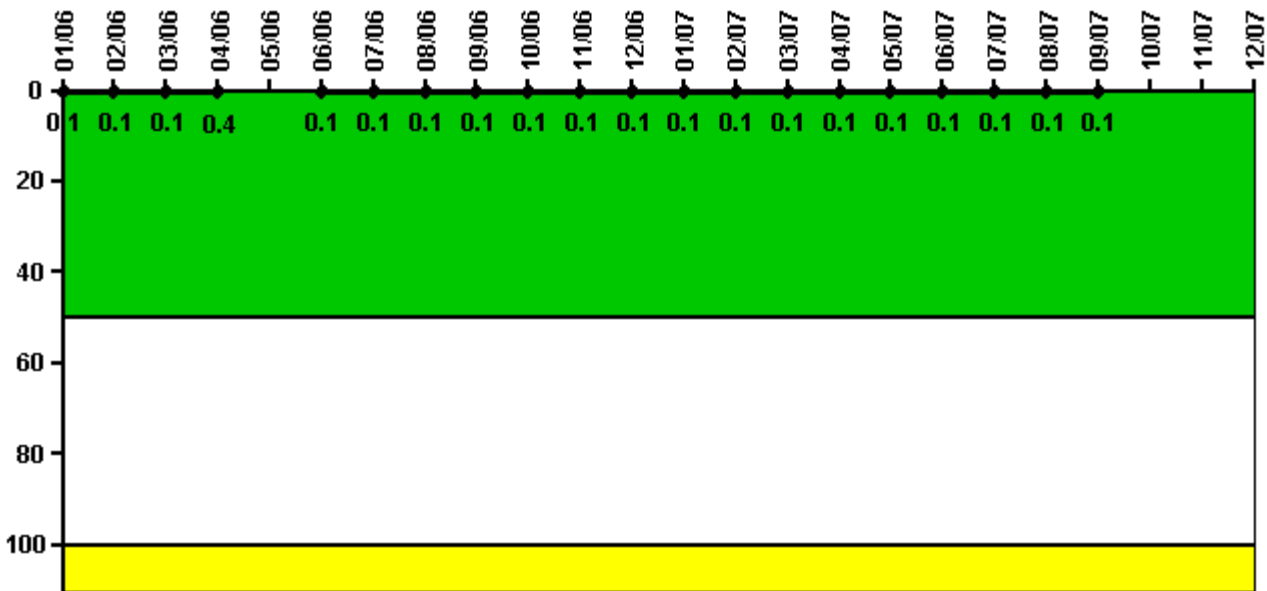
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI (ΔCDF)		6.40E-08	1.80E-08	5.60E-08	1.30E-07	1.20E-07	1.90E-07	1.60E-07
URI (ΔCDF)		2.00E-08	-1.90E-08	-1.20E-08	-1.20E-08	-9.00E-09	-9.00E-09	-9.00E-09
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		8.40E-08	-1.00E-09	4.40E-08	1.18E-07	1.11E-07	1.81E-07	1.51E-07

Licensee Comments: none

Reactor Coolant System Activity



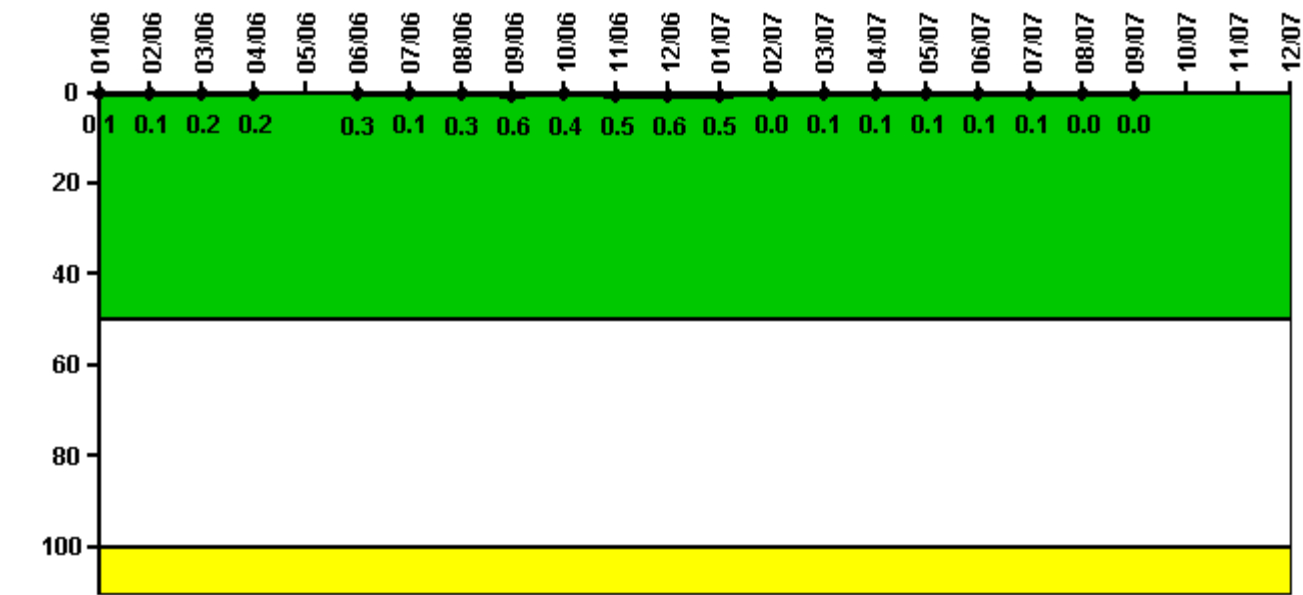
Thresholds: White > 50.0 Yellow > 100.0

Notes

[illegible]

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

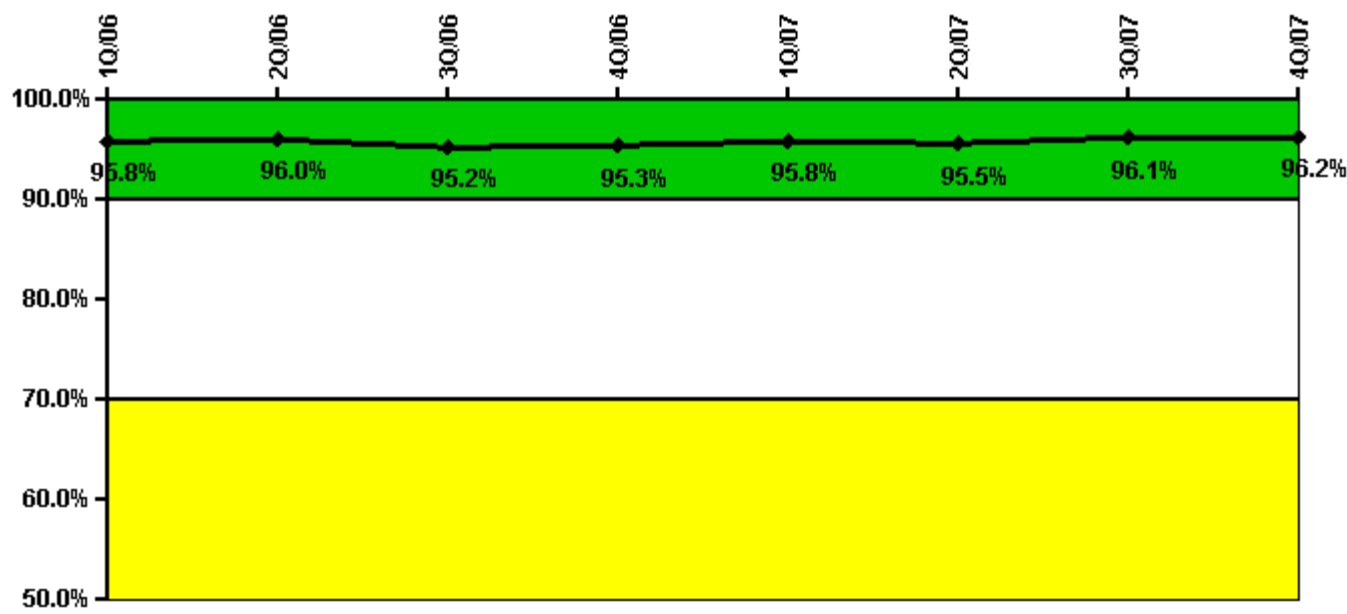
Notes

Reactor Coolant System Leakage	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06
Maximum leakage	0.010	0.005	0.018	0.020	N/A	0.030	0.010	0.030	0.060	0.039	0.050	0.060
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.1	0.2	0.2	N/A	0.3	0.1	0.3	0.6	0.4	0.5	0.6

Reactor Coolant System Leakage	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07
Maximum leakage	0.054	0.003	0.005	0.005	0.005	0.008	0.005	0	0	N/A	N/A	N/A
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	0	0.1	0.1	0.1	0.1	0.1	0	0	N/A	N/A	N/A

Licensee Comments: none

Drill/Exercise Performance



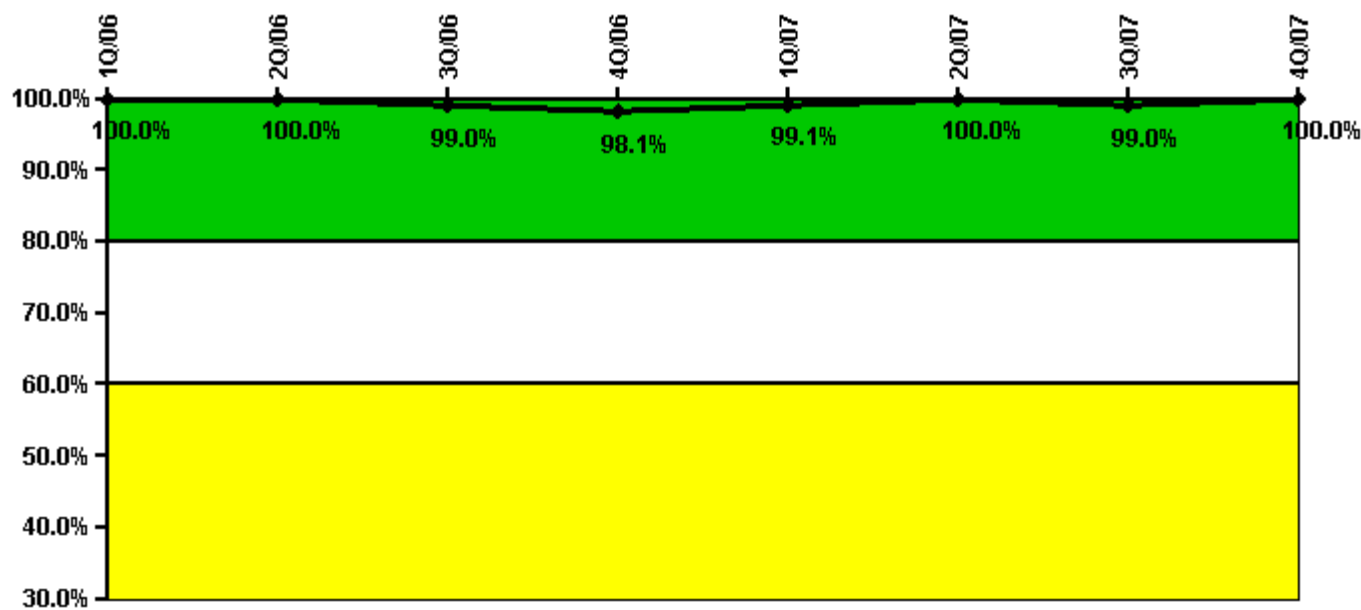
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Successful opportunities	49.0	66.0	71.0	78.0	113.0	38.0	88.0	2.0
Total opportunities	52.0	68.0	78.0	80.0	116.0	39.0	90.0	2.0
Indicator value	95.8%	96.0%	95.2%	95.3%	95.8%	95.5%	96.1%	96.2%

Licensee Comments: none

ERO Drill Participation



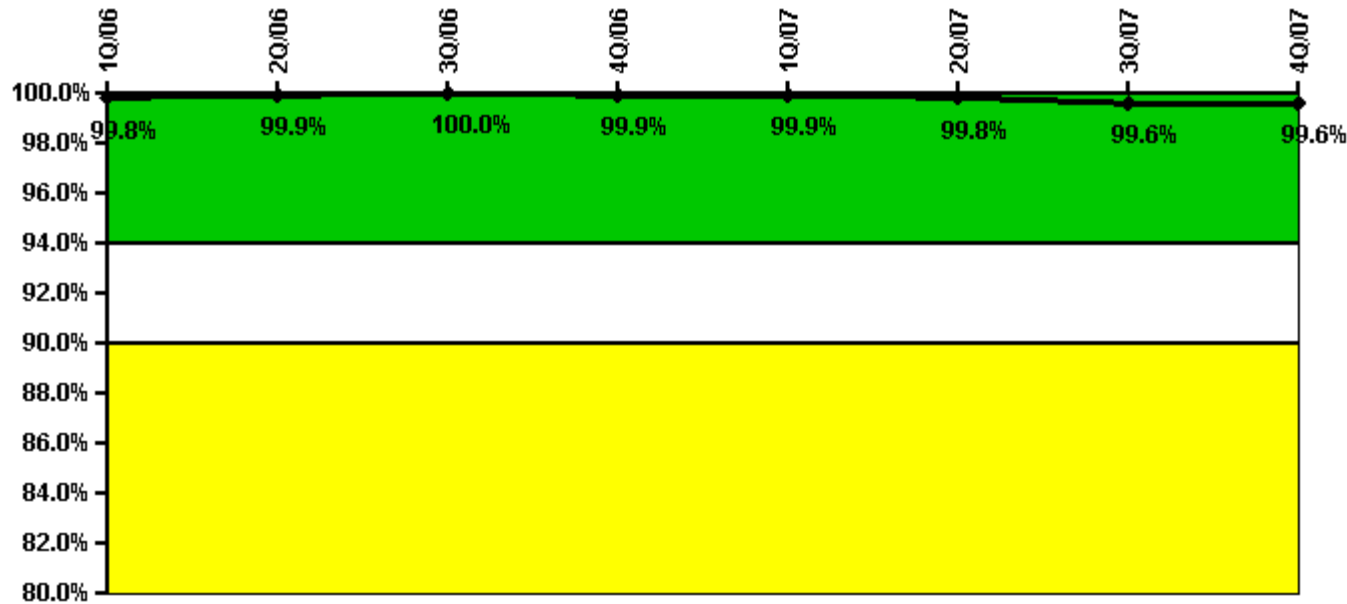
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Participating Key personnel	81.0	91.0	98.0	104.0	106.0	102.0	98.0	98.0
Total Key personnel	81.0	91.0	99.0	106.0	107.0	102.0	99.0	98.0
Indicator value	100.0%	100.0%	99.0%	98.1%	99.1%	100.0%	99.0%	100.0%

Licensee Comments: none

Alert & Notification System



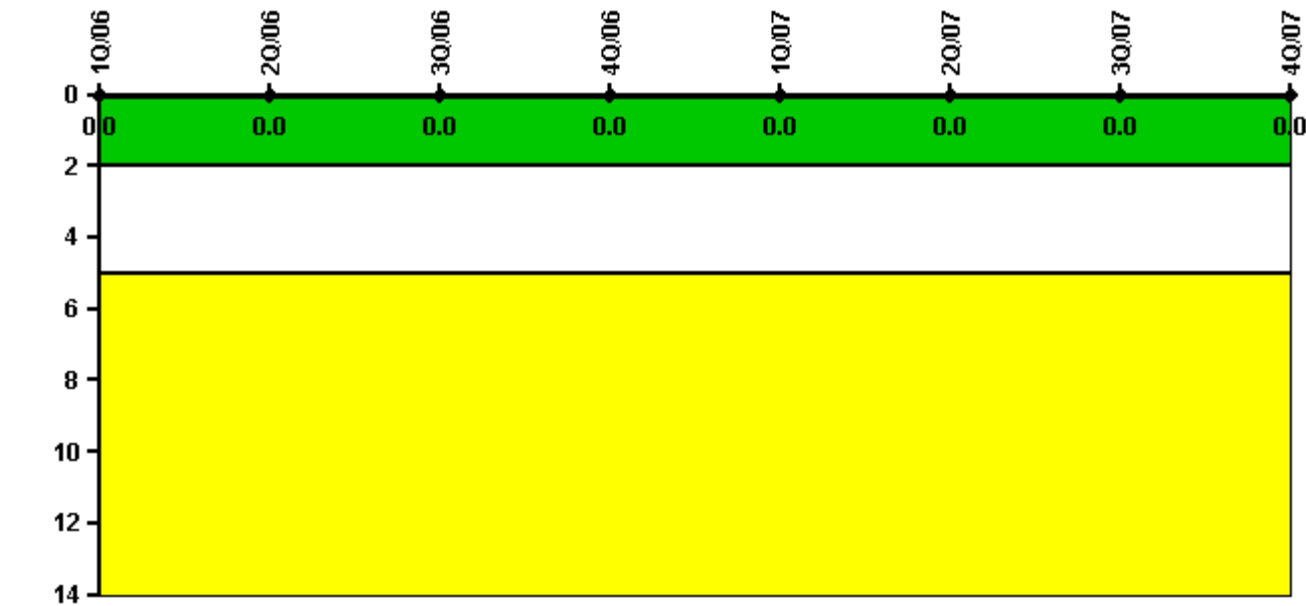
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Successful siren-tests	719	630	630	629	719	627	714	719
Total sirens-tests	720	630	630	630	720	630	720	720
Indicator value	99.8%	99.9%	100.0%	99.9%	99.9%	99.8%	99.6%	99.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness



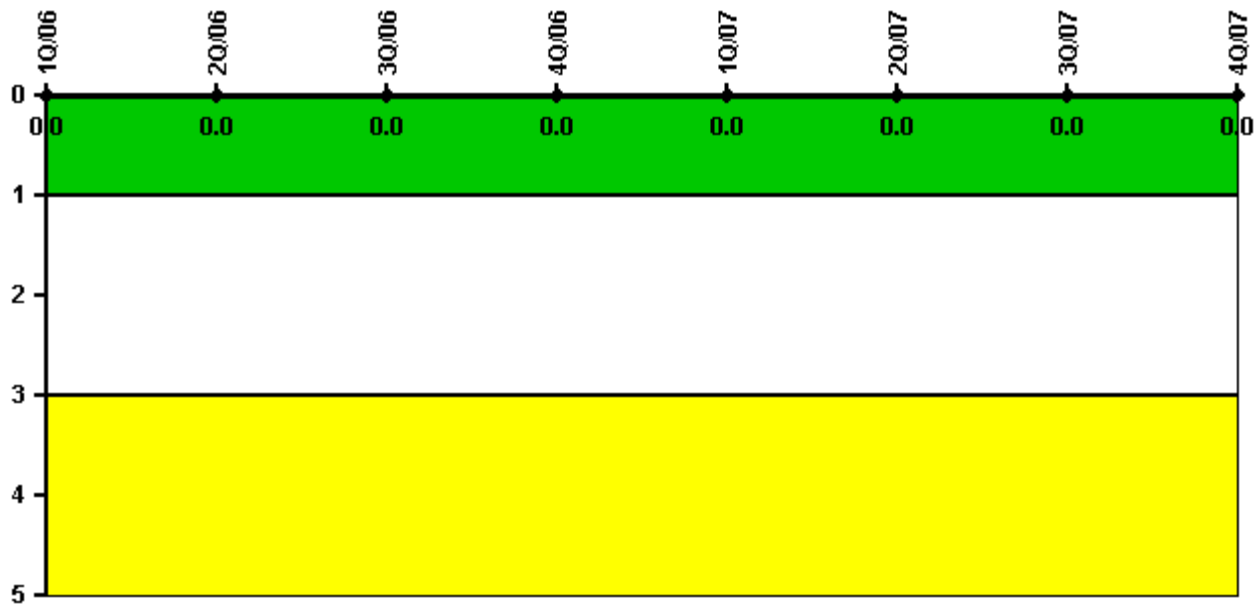
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

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

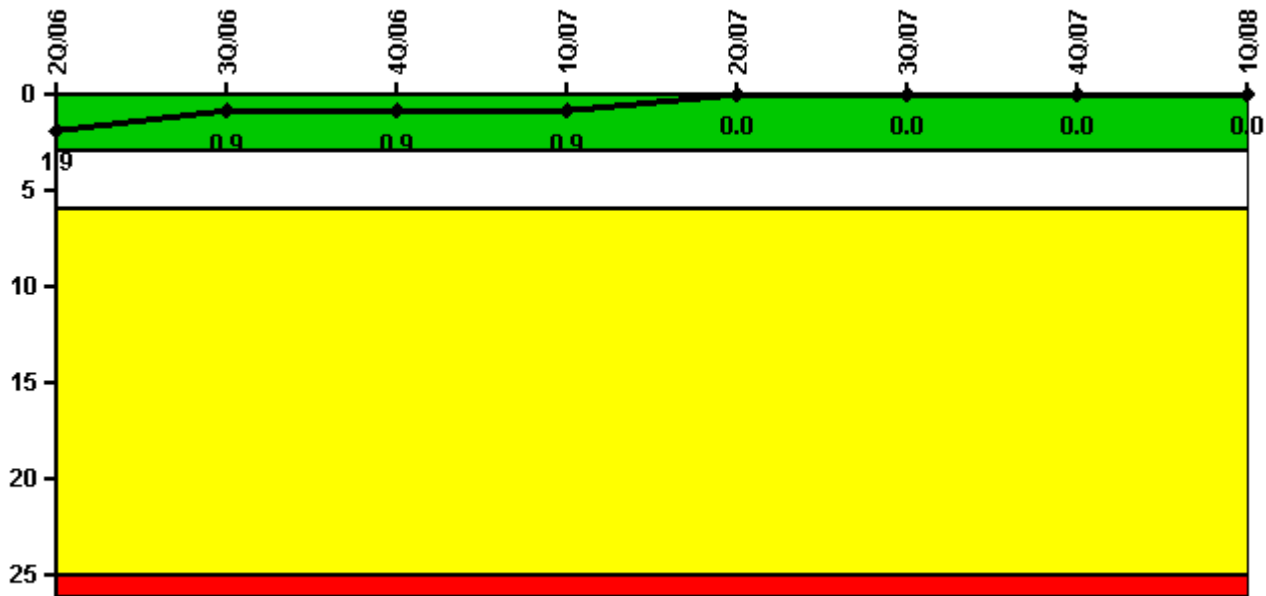
Last Modified: February 4, 2008

Saint Lucie 2

1Q/2008 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



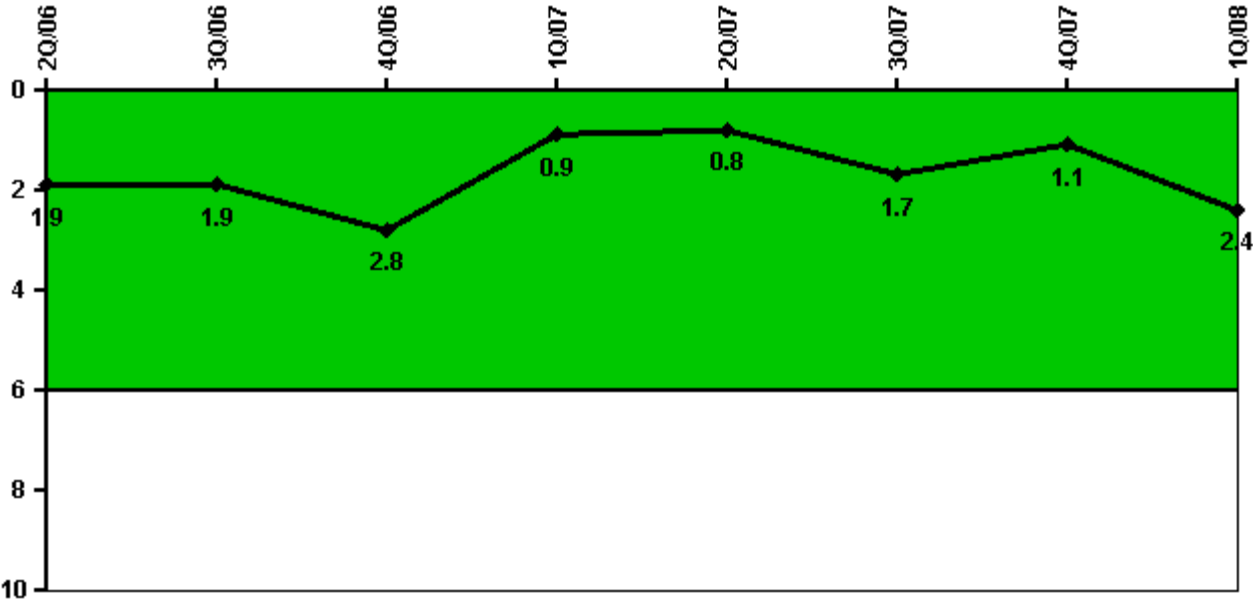
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Unplanned scrams	1.0	0	0	0	0	0	0	0
Critical hours	989.1	2208.0	2209.0	2159.0	2184.0	1903.2	0	1861.5
Indicator value	1.9	0.9	0.9	0.9	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



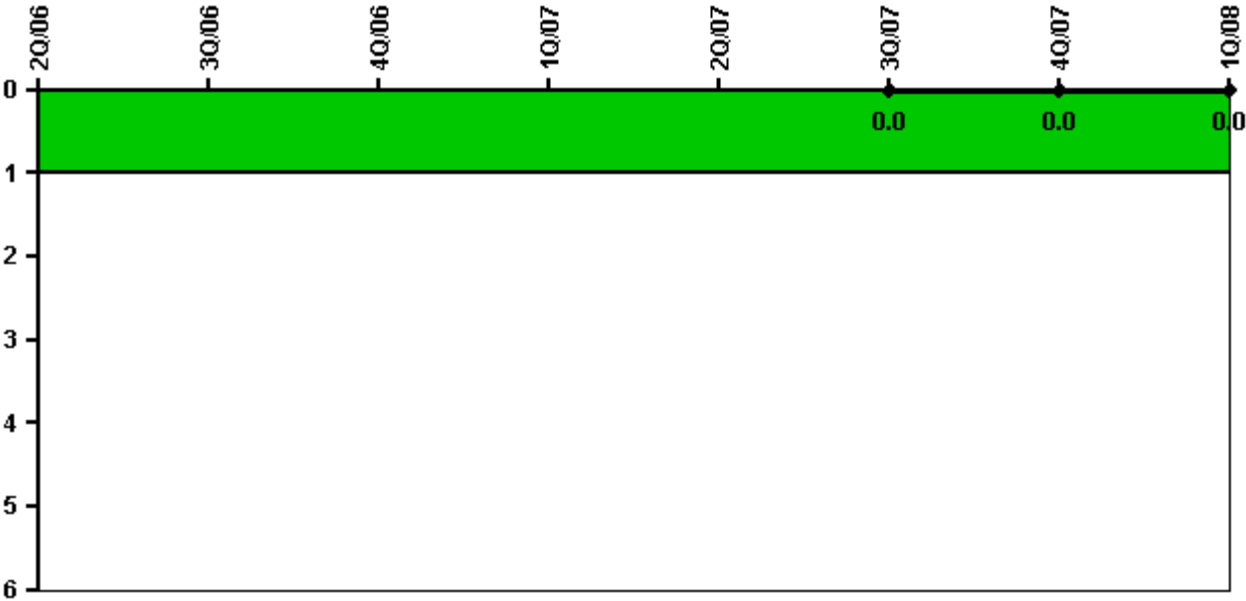
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Unplanned power changes	0	0	1.0	0	0	1.0	0	1.0
Critical hours	989.1	2208.0	2209.0	2159.0	2184.0	1903.2	0	1861.5
Indicator value	1.9	1.9	2.8	0.9	0.8	1.7	1.1	2.4

Licensee Comments: none

Unplanned Scrams with Complications



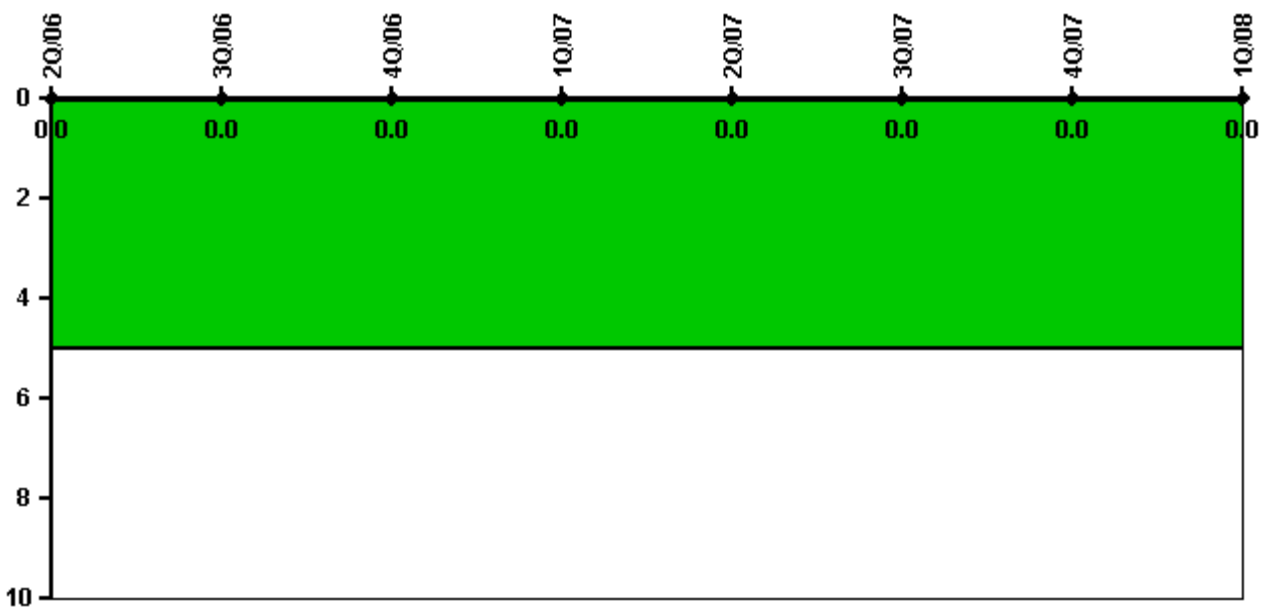
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Scrams with complications			0	0	0	0	0	0
Indicator value						0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



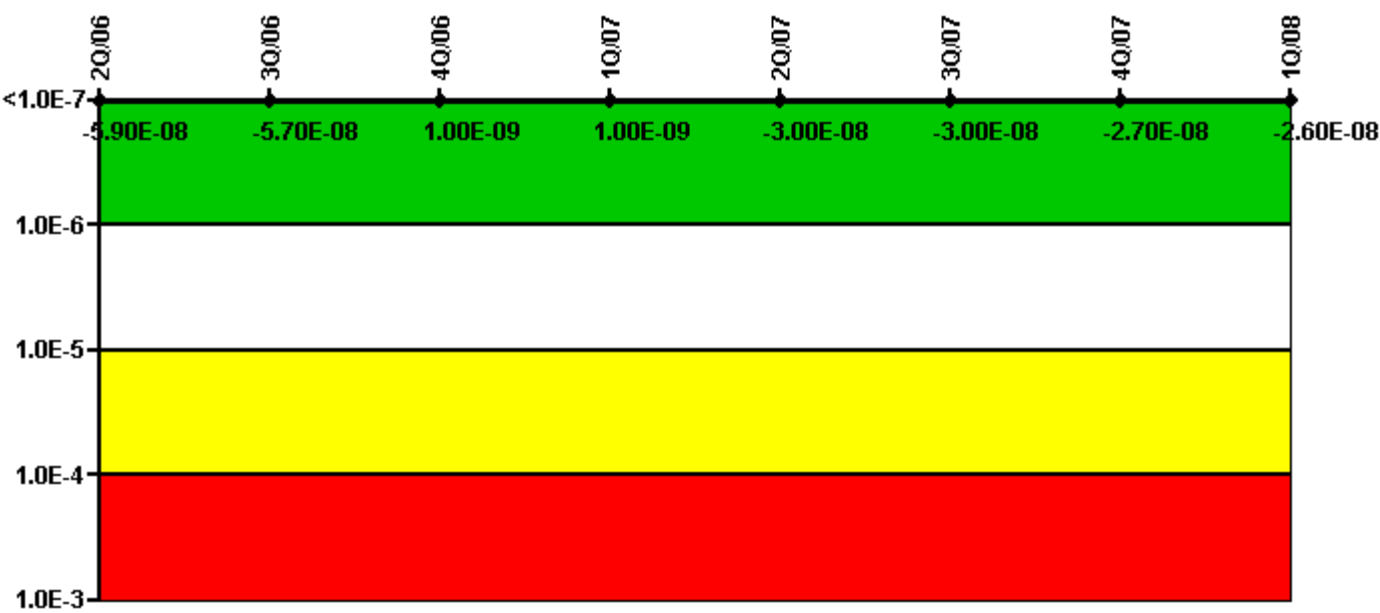
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



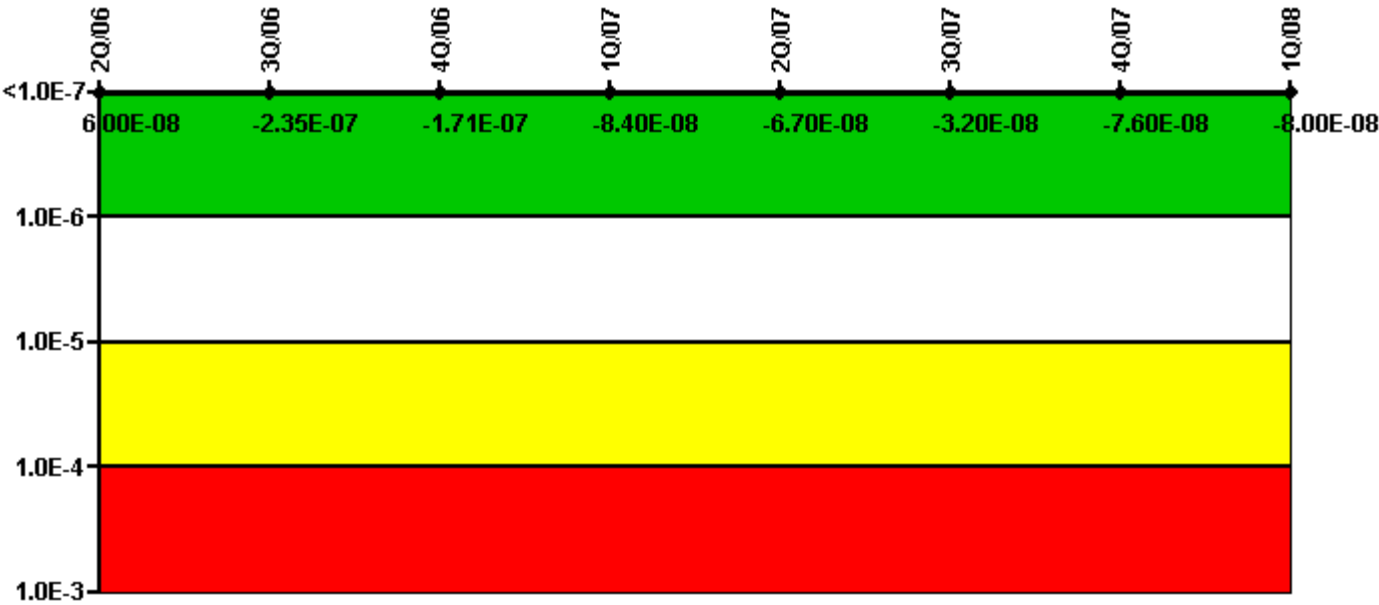
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (ΔCDF)	5.10E-08	5.30E-08	4.70E-08	4.70E-08	2.90E-08	2.90E-08	3.20E-08	3.30E-08
URI (ΔCDF)	-1.10E-07	-1.10E-07	-4.60E-08	-4.60E-08	-5.90E-08	-5.90E-08	-5.90E-08	-5.90E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.90E-08	-5.70E-08	1.00E-09	1.00E-09	-3.00E-08	-3.00E-08	-2.70E-08	-2.60E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



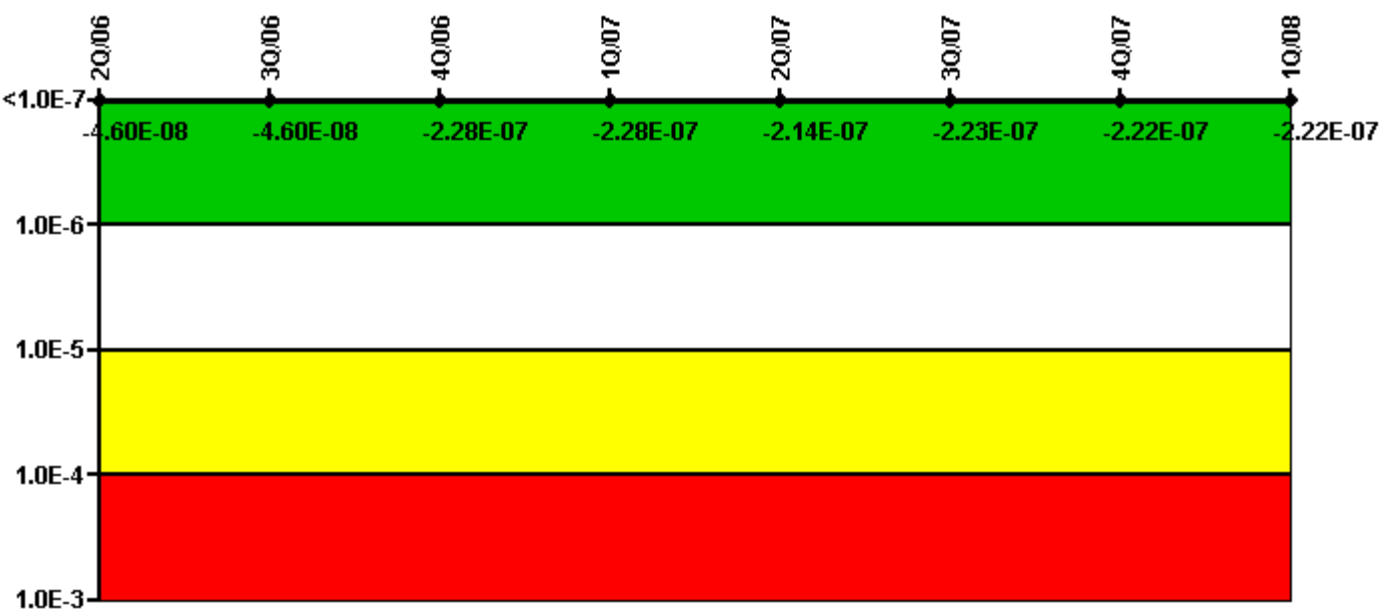
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (ΔCDF)	1.50E-07	1.50E-08	8.60E-09	9.60E-08	6.30E-08	9.80E-08	5.40E-08	5.00E-08
URI (ΔCDF)	-9.00E-08	-2.50E-07	-1.80E-07	-1.80E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	6.00E-08	-2.35E-07	-1.71E-07	-8.40E-08	-6.70E-08	-3.20E-08	-7.60E-08	-8.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



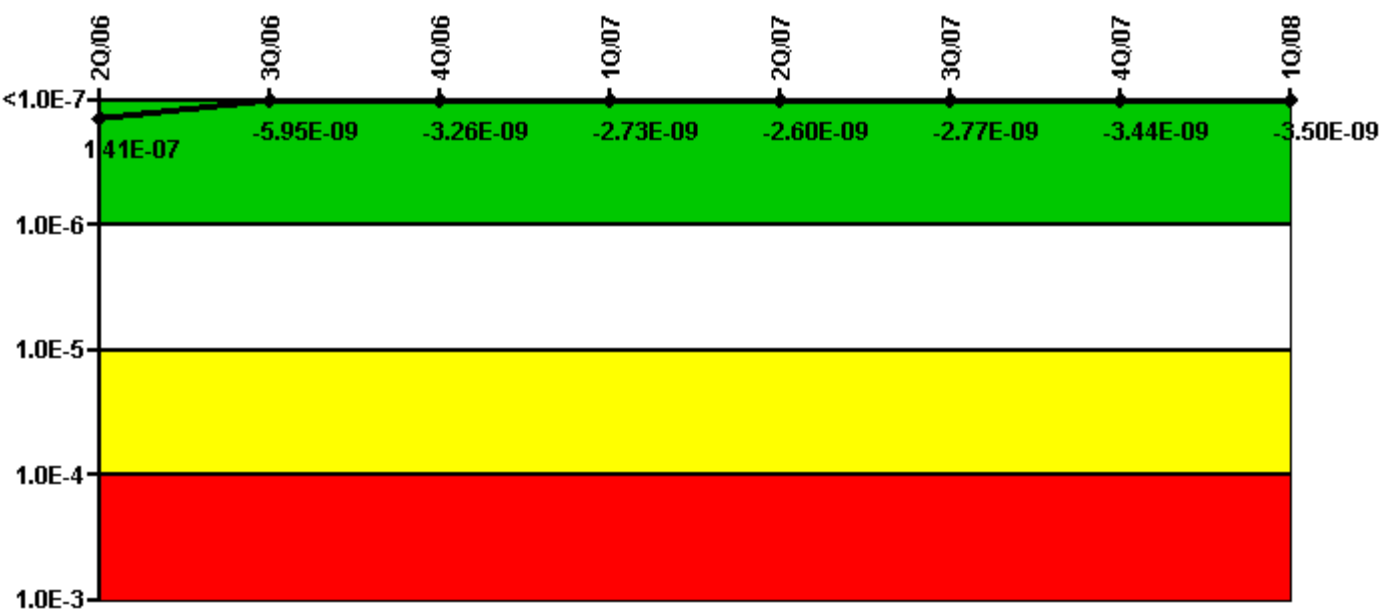
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (ΔCDF)	8.40E-08	8.40E-08	-3.80E-08	-3.80E-08	-3.40E-08	-4.30E-08	-4.20E-08	-4.20E-08
URI (ΔCDF)	-1.30E-07	-1.30E-07	-1.90E-07	-1.90E-07	-1.80E-07	-1.80E-07	-1.80E-07	-1.80E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.60E-08	-4.60E-08	-2.28E-07	-2.28E-07	-2.14E-07	-2.23E-07	-2.22E-07	-2.22E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

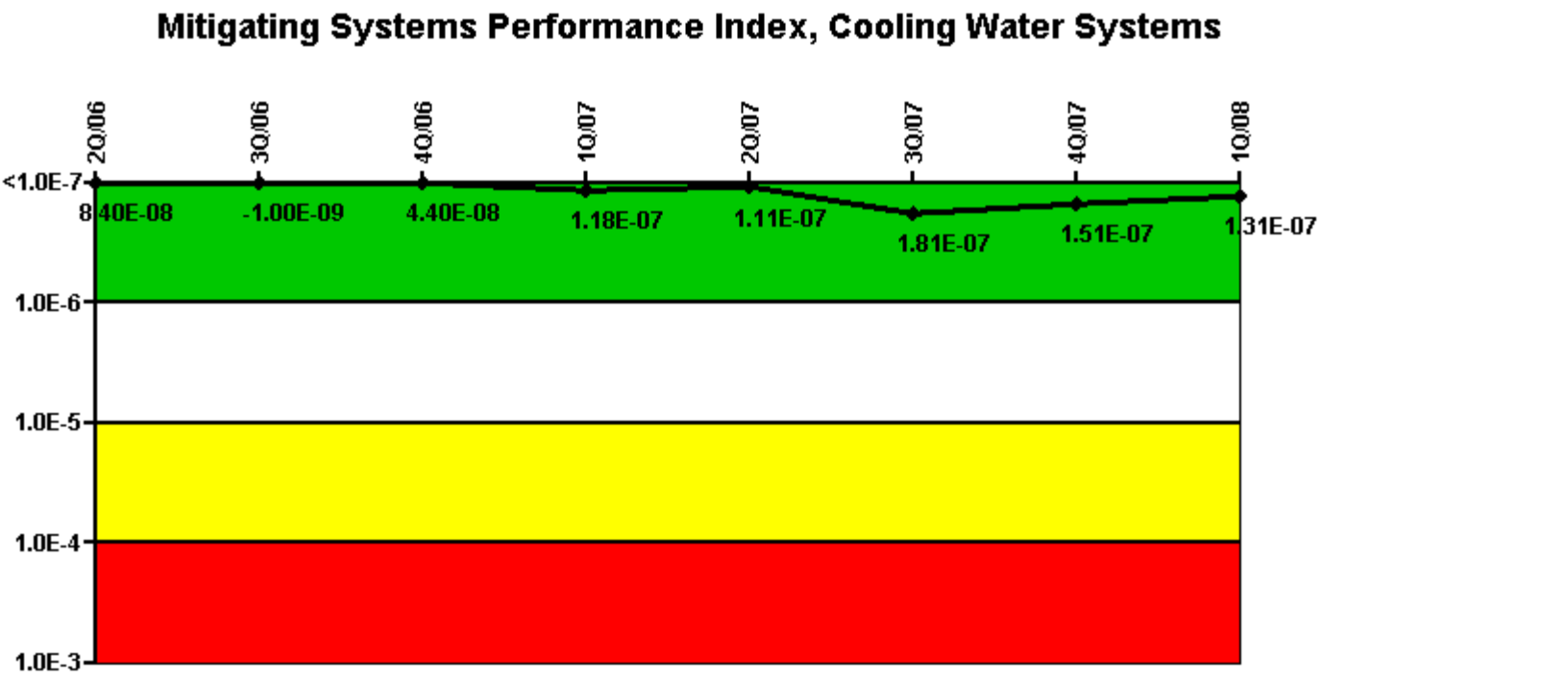


Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (ΔCDF)	1.40E-09	2.50E-10	1.40E-10	6.70E-10	6.00E-10	4.30E-10	-2.40E-10	-3.00E-10
URI (ΔCDF)	1.40E-07	-6.20E-09	-3.40E-09	-3.40E-09	-3.20E-09	-3.20E-09	-3.20E-09	-3.20E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.41E-07	-5.95E-09	-3.26E-09	-2.73E-09	-2.60E-09	-2.77E-09	-3.44E-09	-3.50E-09

Licensee Comments: none



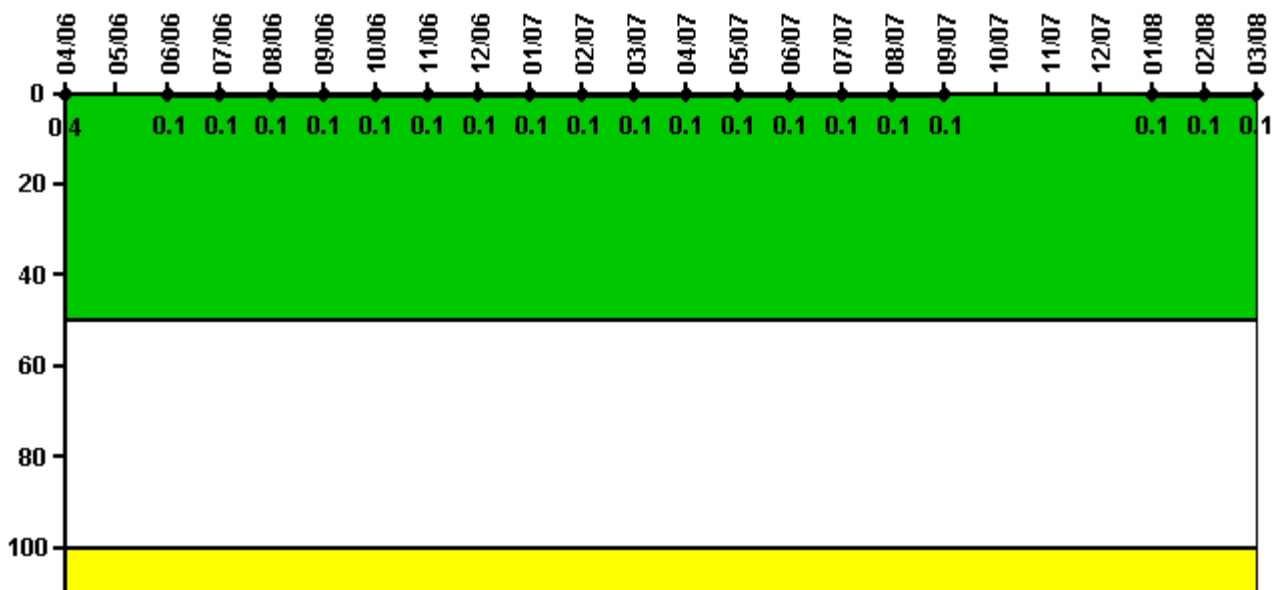
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (ΔCDF)	6.40E-08	1.80E-08	5.60E-08	1.30E-07	1.20E-07	1.90E-07	1.60E-07	1.40E-07
URI (ΔCDF)	2.00E-08	-1.90E-08	-1.20E-08	-1.20E-08	-9.00E-09	-9.00E-09	-9.00E-09	-9.00E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	8.40E-08	-1.00E-09	4.40E-08	1.18E-07	1.11E-07	1.81E-07	1.51E-07	1.31E-07

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

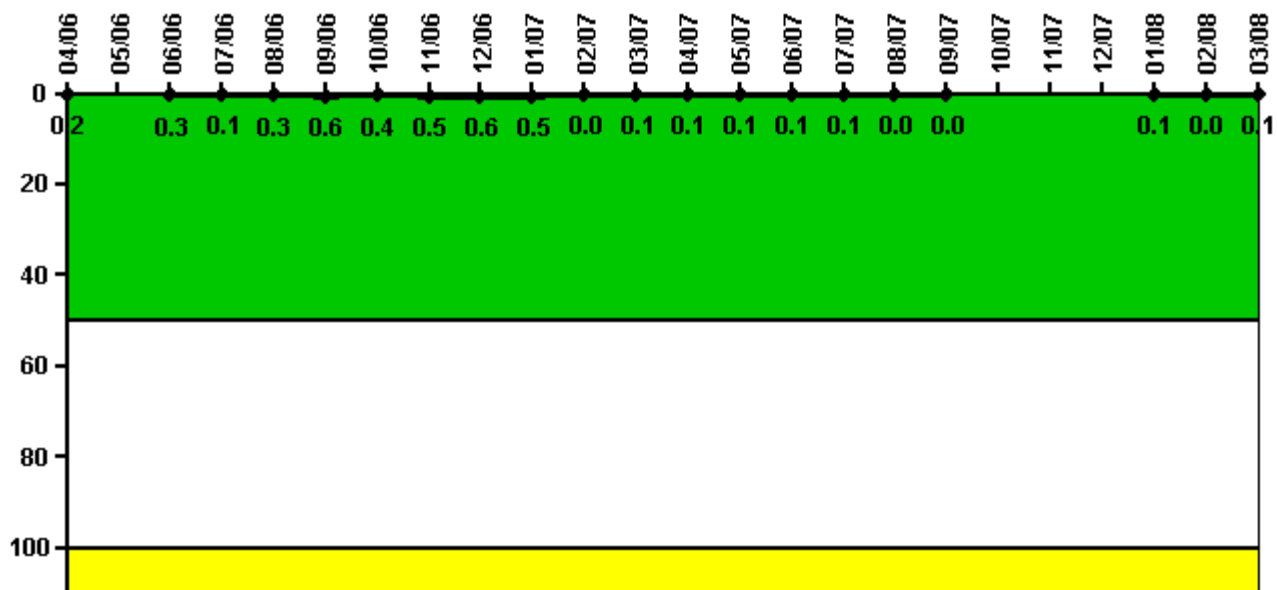
Notes

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	0.004150	N/A	0.000833	0.000639	0.000702	0.000690	0.000770	0.000773	0.000720	0.000772	0.001400	0.000814
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.4	N/A	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Reactor Coolant System Activity	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08
Maximum activity	0.000770	0.000821	0.000859	0.000920	0.000906	0.000956	N/A	N/A	N/A	0.000618	0.000533	0.000586
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	N/A	N/A	N/A	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



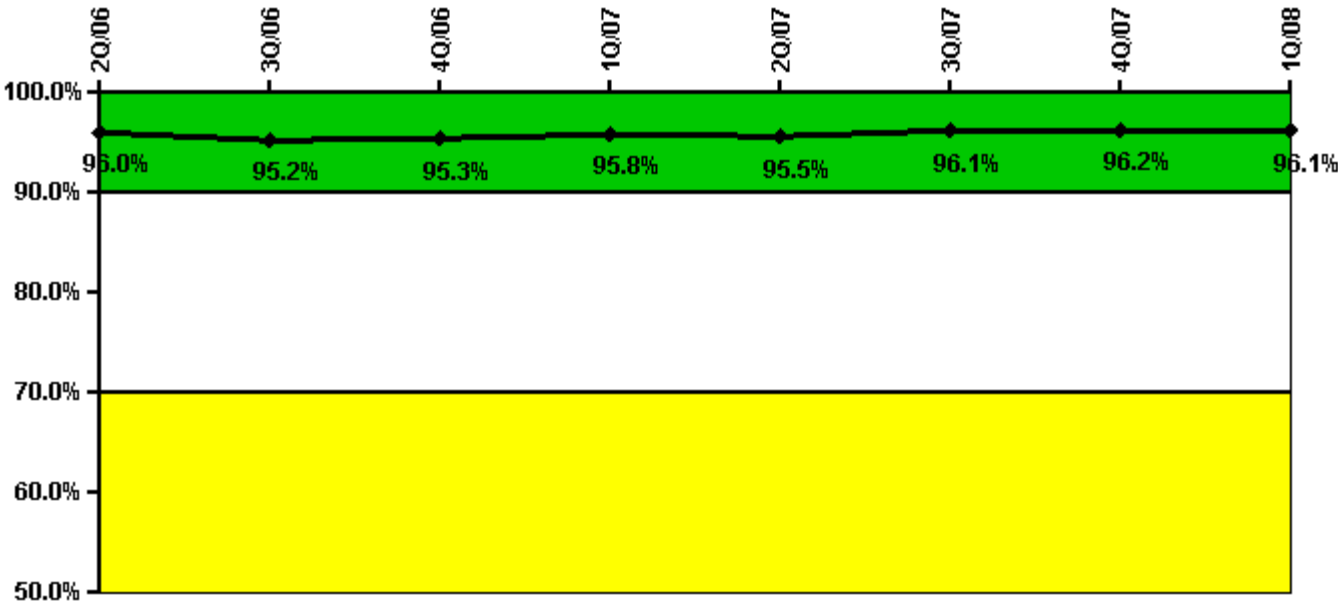
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	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	0.020	N/A	0.030	0.010	0.030	0.060	0.039	0.050	0.060	0.054	0.003	0.005
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	N/A	0.3	0.1	0.3	0.6	0.4	0.5	0.6	0.5	0	0.1
Reactor Coolant System Leakage	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08
Maximum leakage	0.005	0.005	0.008	0.005	0	0	N/A	N/A	N/A	0.008	0	0.009
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.1	0.1	0.1	0	0	N/A	N/A	N/A	0.1	0	0.1

Licensee Comments: none

Drill/Exercise Performance



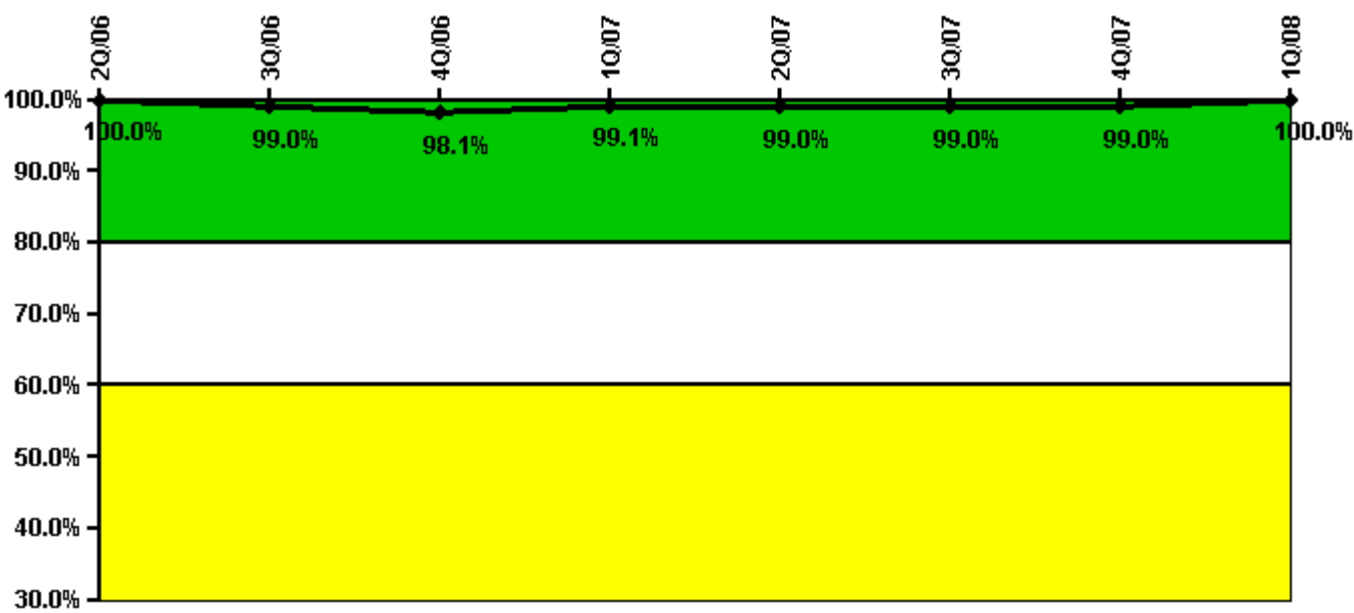
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Successful opportunities	66.0	71.0	78.0	113.0	38.0	88.0	2.0	68.0
Total opportunities	68.0	78.0	80.0	116.0	39.0	90.0	2.0	72.0
Indicator value	96.0%	95.2%	95.3%	95.8%	95.5%	96.1%	96.2%	96.1%

Licensee Comments: none

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

Notes

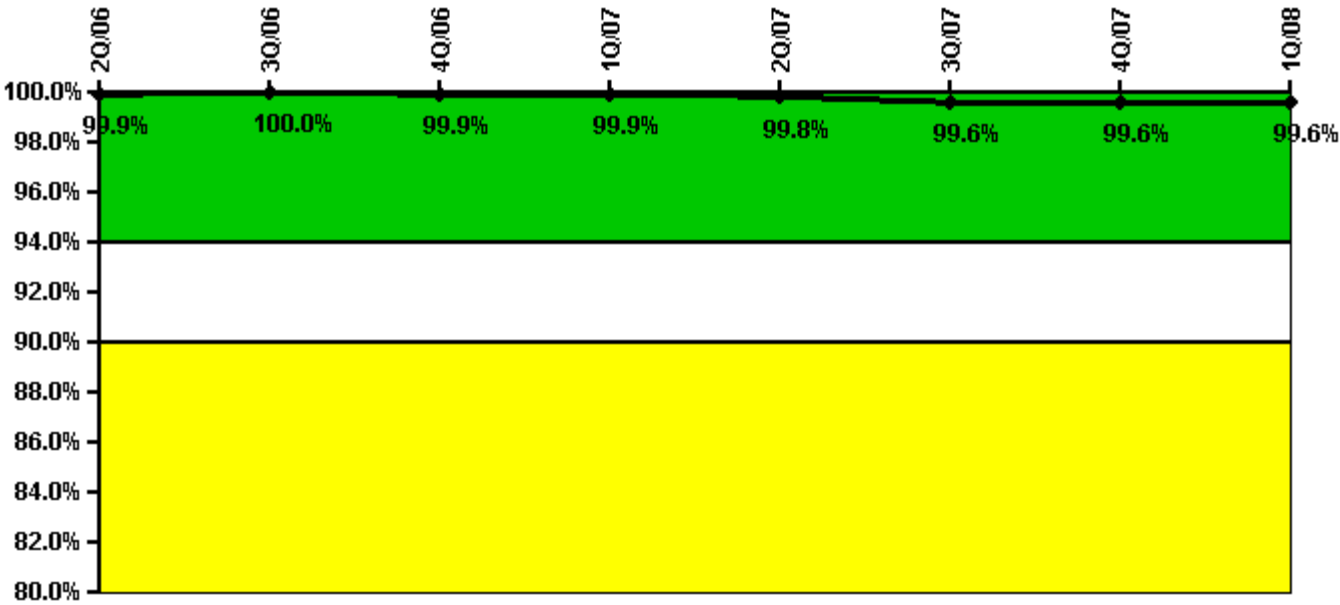
ERO Drill Participation	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Participating Key personnel	91.0	98.0	104.0	106.0	101.0	98.0	97.0	101.0
Total Key personnel	91.0	99.0	106.0	107.0	102.0	99.0	98.0	101.0
Indicator value	100.0%	99.0%	98.1%	99.1%	99.0%	99.0%	99.0%	100.0%

Licensee Comments:

4Q/07: Minor correction made to drill participation.

2Q/07: Minor correction made to drill participation.

Alert & Notification System



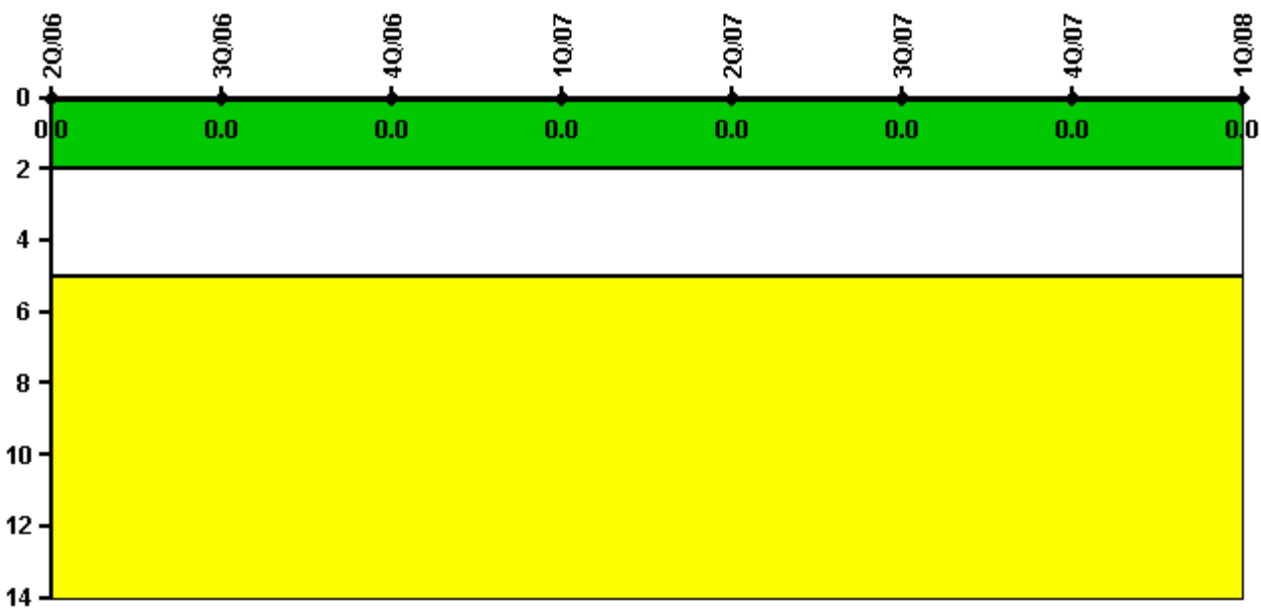
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Successful siren-tests	630	630	629	719	627	714	719	629
Total sirens-tests	630	630	630	720	630	720	720	630
Indicator value	99.9%	100.0%	99.9%	99.9%	99.8%	99.6%	99.6%	99.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
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/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
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.

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

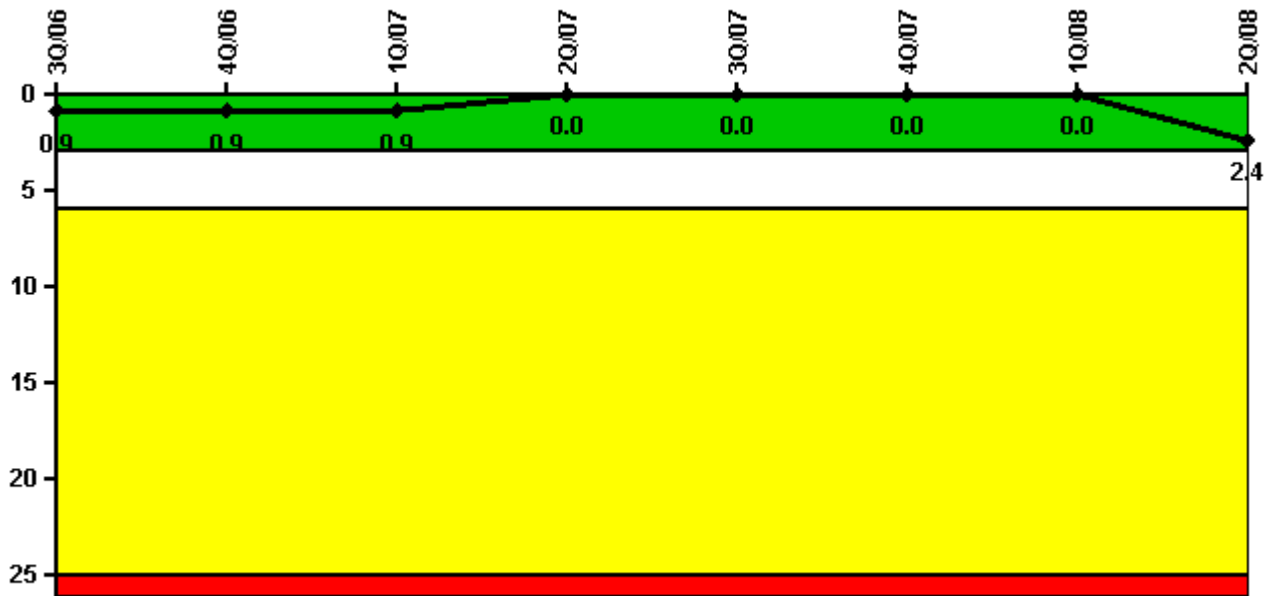
Last Modified: April 30, 2008

Saint Lucie 2

2Q/2008 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



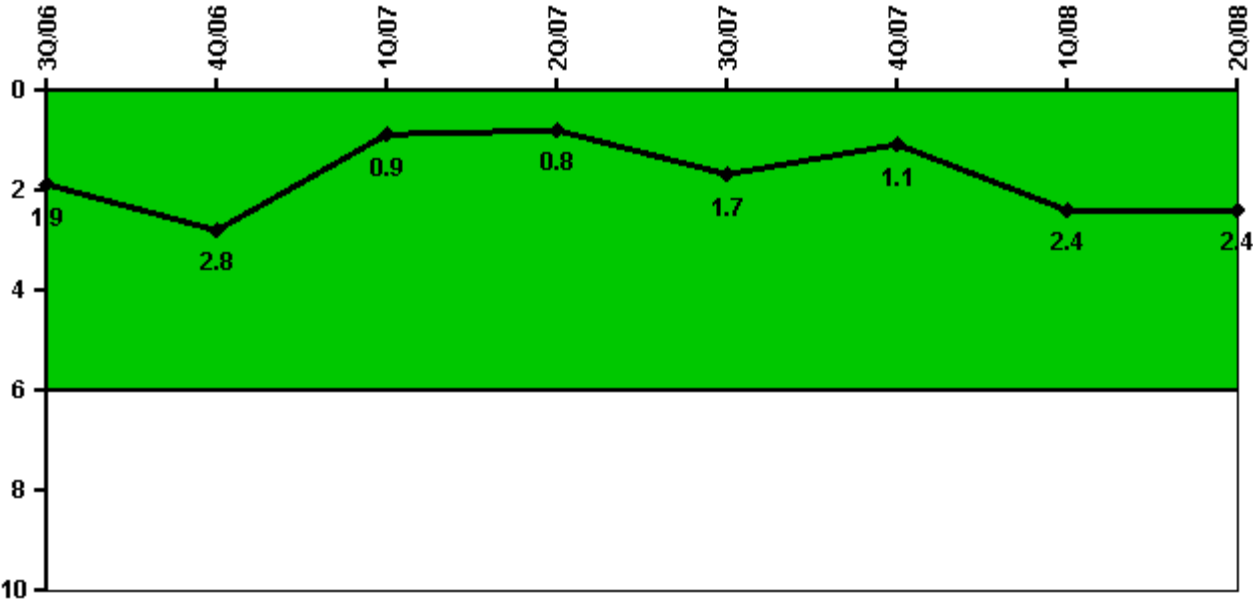
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Unplanned scrams	0	0	0	0	0	0	0	2.0
Critical hours	2208.0	2209.0	2159.0	2184.0	1903.2	0	1861.5	2112.2
Indicator value	0.9	0.9	0.9	0	0	0	0	2.4

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



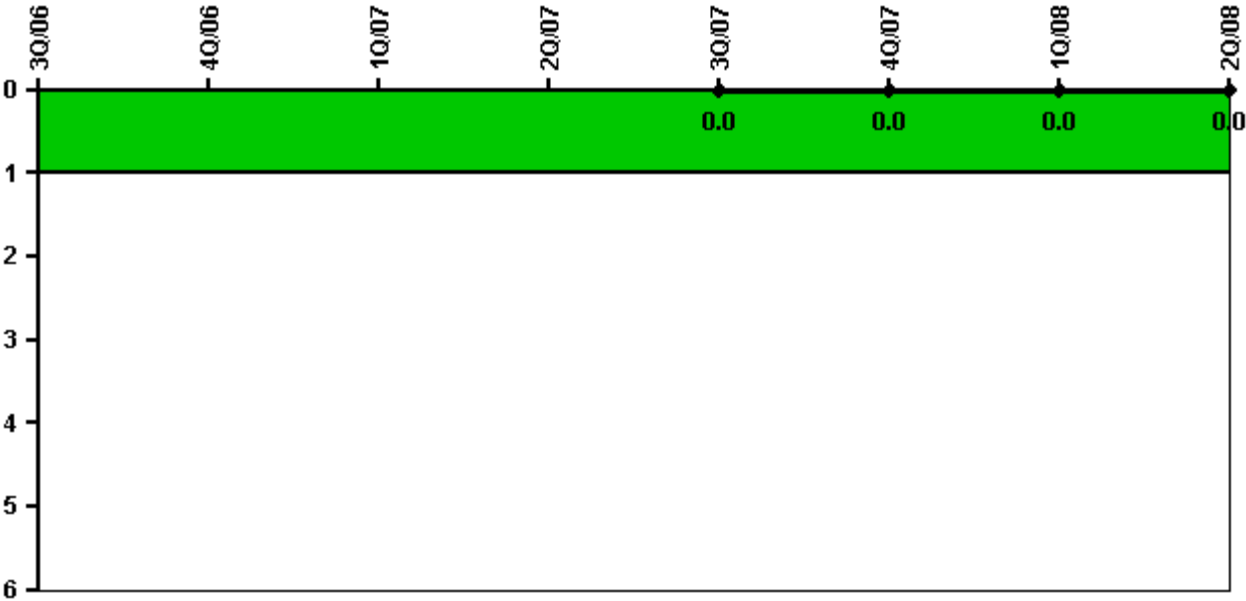
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Unplanned power changes	0	1.0	0	0	1.0	0	1.0	0
Critical hours	2208.0	2209.0	2159.0	2184.0	1903.2	0	1861.5	2112.2
Indicator value	1.9	2.8	0.9	0.8	1.7	1.1	2.4	2.4

Licensee Comments: none

Unplanned Scrams with Complications



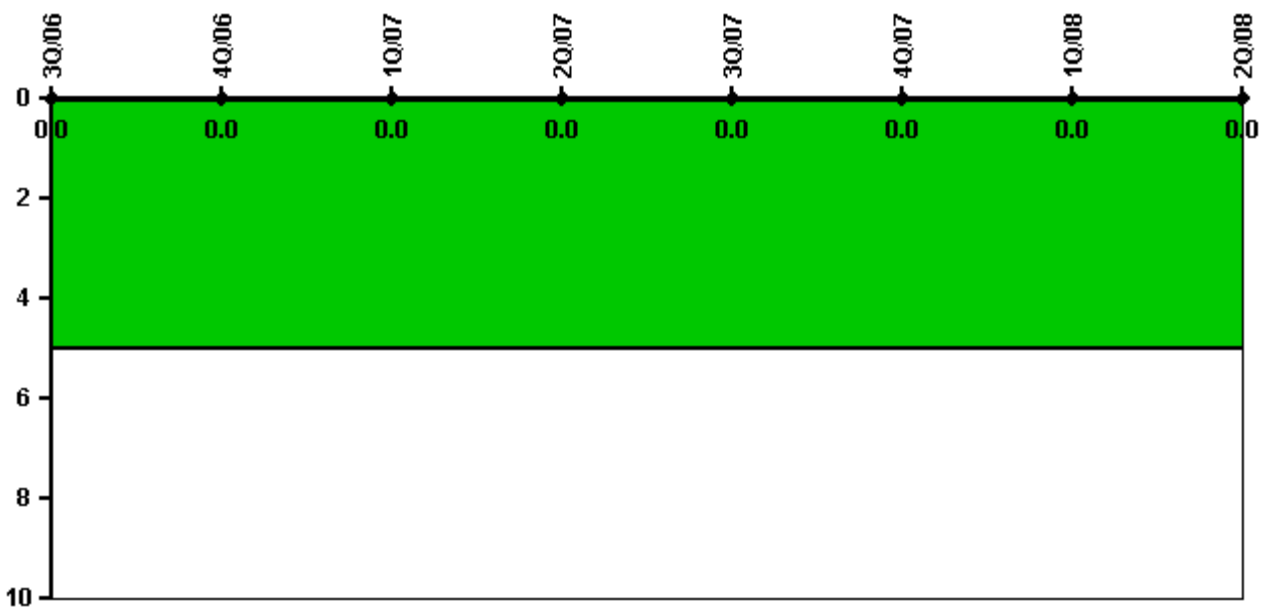
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Scrams with complications		0	0	0	0	0	0	0
Indicator value					0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



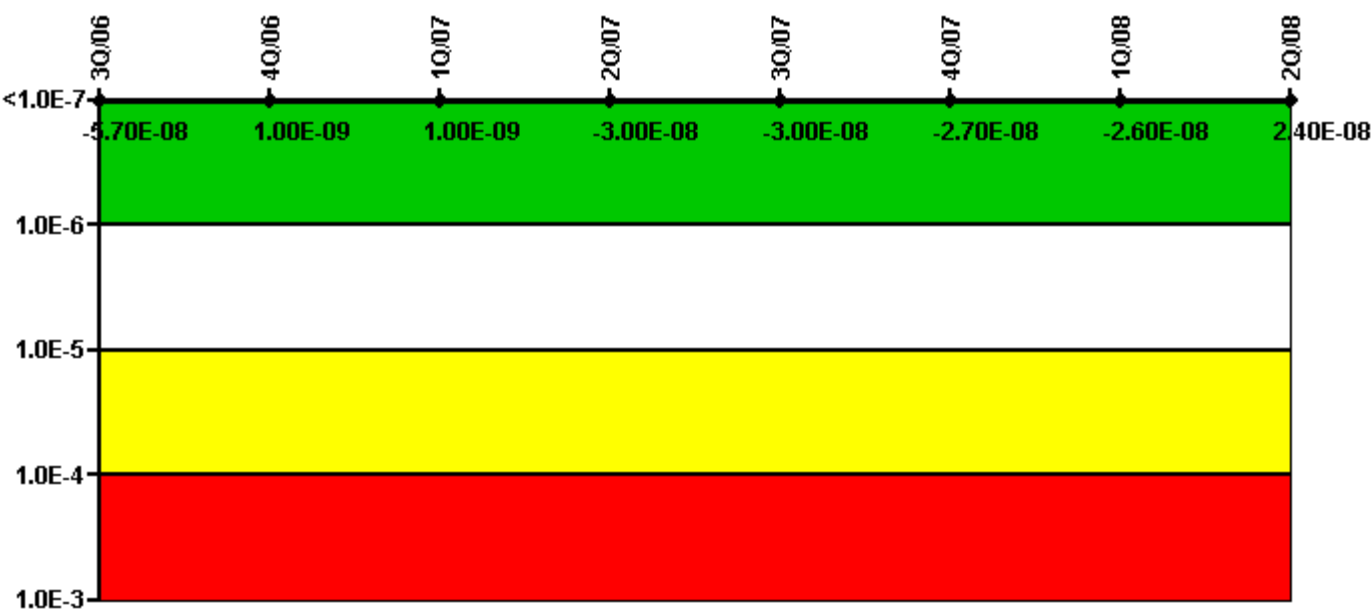
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



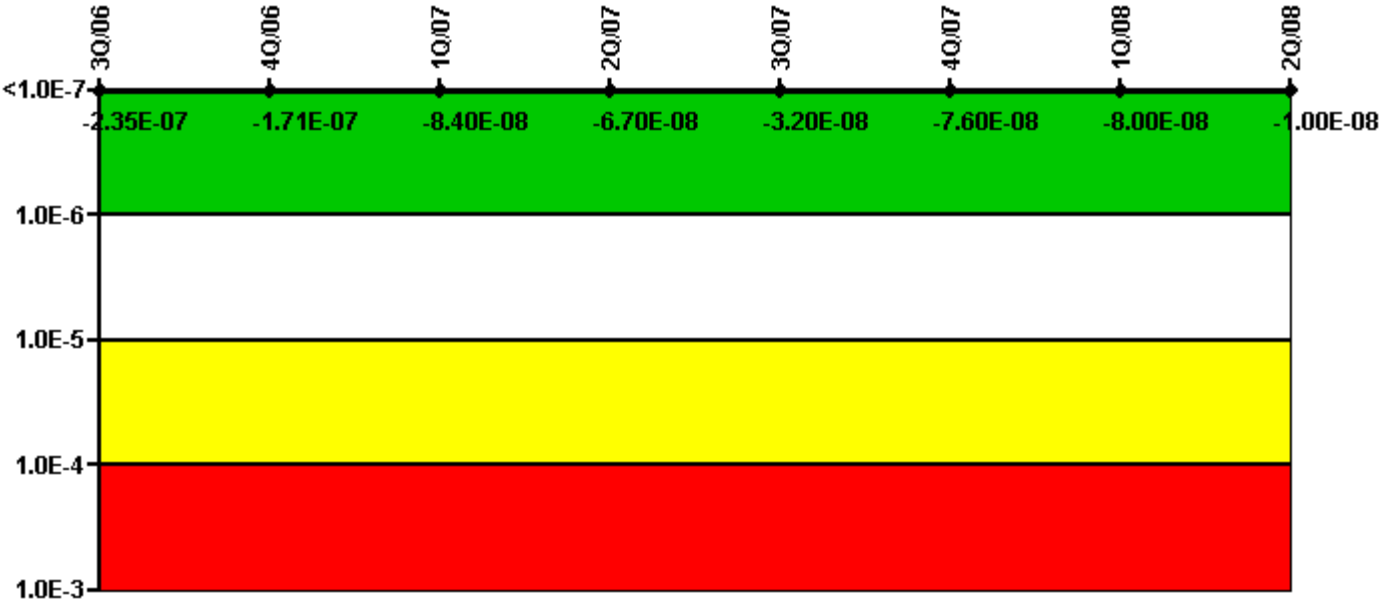
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (ΔCDF)	5.30E-08	4.70E-08	4.70E-08	2.90E-08	2.90E-08	3.20E-08	3.30E-08	5.50E-08
URI (ΔCDF)	-1.10E-07	-4.60E-08	-4.60E-08	-5.90E-08	-5.90E-08	-5.90E-08	-5.90E-08	-3.10E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.70E-08	1.00E-09	1.00E-09	-3.00E-08	-3.00E-08	-2.70E-08	-2.60E-08	2.40E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



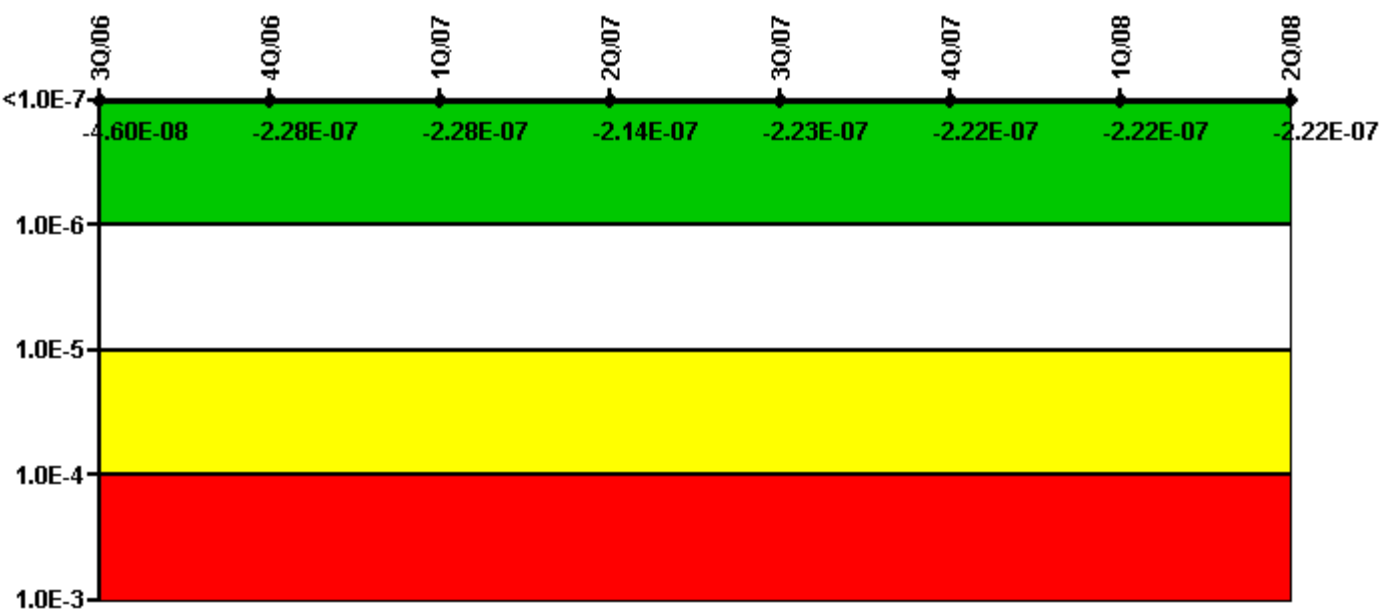
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (ΔCDF)	1.50E-08	8.60E-09	9.60E-08	6.30E-08	9.80E-08	5.40E-08	5.00E-08	1.20E-07
URI (ΔCDF)	-2.50E-07	-1.80E-07	-1.80E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.35E-07	-1.71E-07	-8.40E-08	-6.70E-08	-3.20E-08	-7.60E-08	-8.00E-08	-1.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



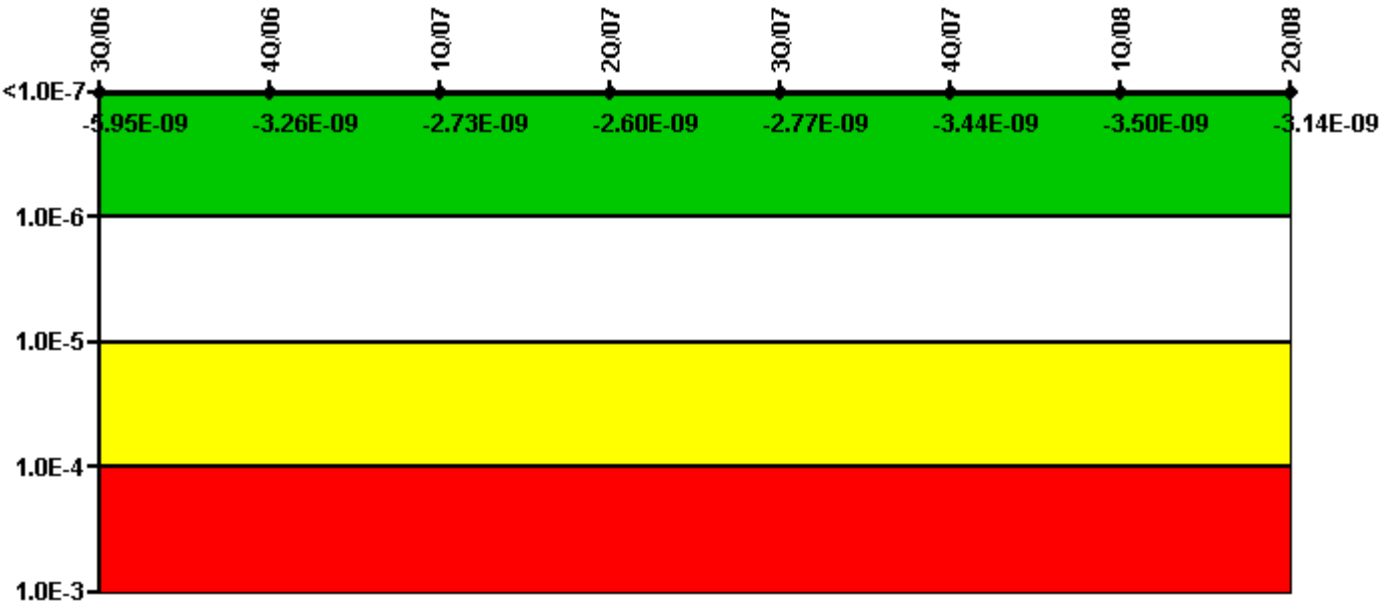
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (ΔCDF)	8.40E-08	-3.80E-08	-3.80E-08	-3.40E-08	-4.30E-08	-4.20E-08	-4.20E-08	-4.20E-08
URI (ΔCDF)	-1.30E-07	-1.90E-07	-1.90E-07	-1.80E-07	-1.80E-07	-1.80E-07	-1.80E-07	-1.80E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.60E-08	-2.28E-07	-2.28E-07	-2.14E-07	-2.23E-07	-2.22E-07	-2.22E-07	-2.22E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



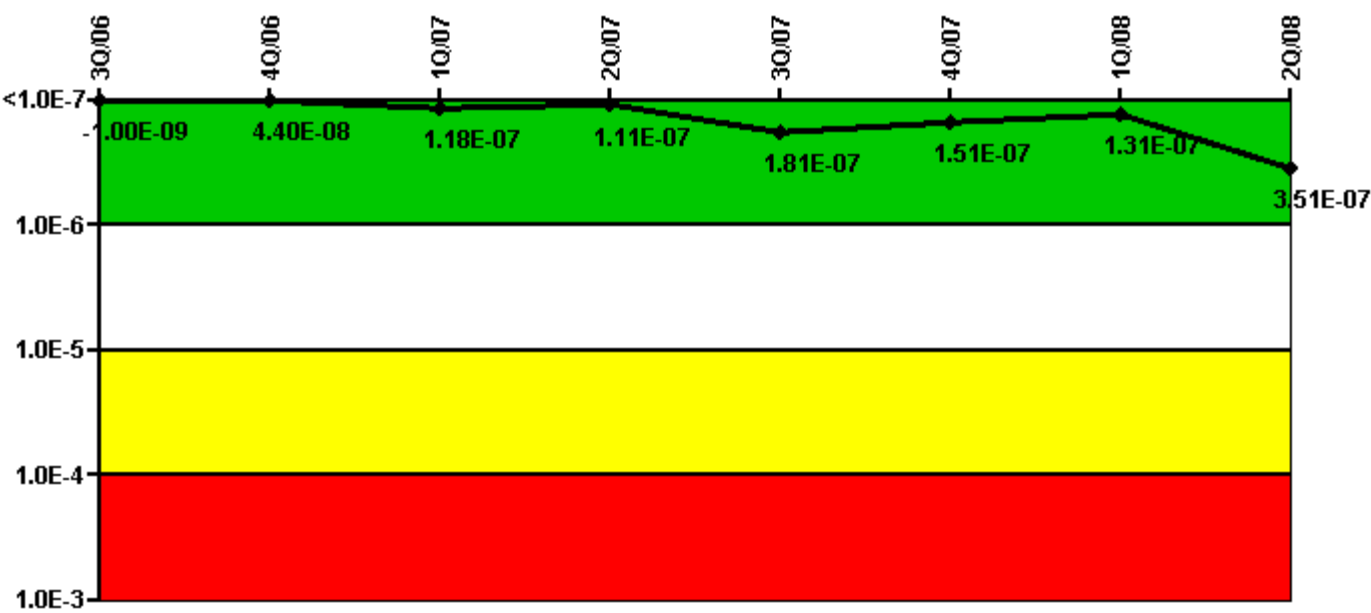
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (ΔCDF)	2.50E-10	1.40E-10	6.70E-10	6.00E-10	4.30E-10	-2.40E-10	-3.00E-10	6.40E-11
URI (ΔCDF)	-6.20E-09	-3.40E-09	-3.40E-09	-3.20E-09	-3.20E-09	-3.20E-09	-3.20E-09	-3.20E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.95E-09	-3.26E-09	-2.73E-09	-2.60E-09	-2.77E-09	-3.44E-09	-3.50E-09	-3.14E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



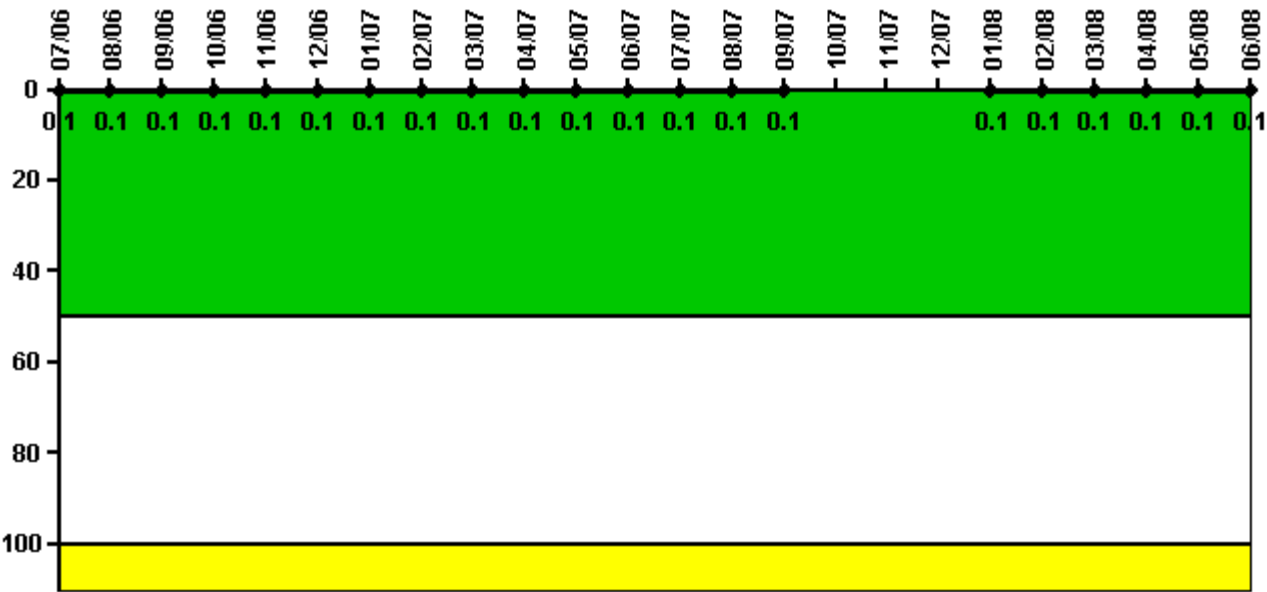
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (ΔCDF)	1.80E-08	5.60E-08	1.30E-07	1.20E-07	1.90E-07	1.60E-07	1.40E-07	3.60E-07
URI (ΔCDF)	-1.90E-08	-1.20E-08	-1.20E-08	-9.00E-09	-9.00E-09	-9.00E-09	-9.00E-09	-9.00E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.00E-09	4.40E-08	1.18E-07	1.11E-07	1.81E-07	1.51E-07	1.31E-07	3.51E-07

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

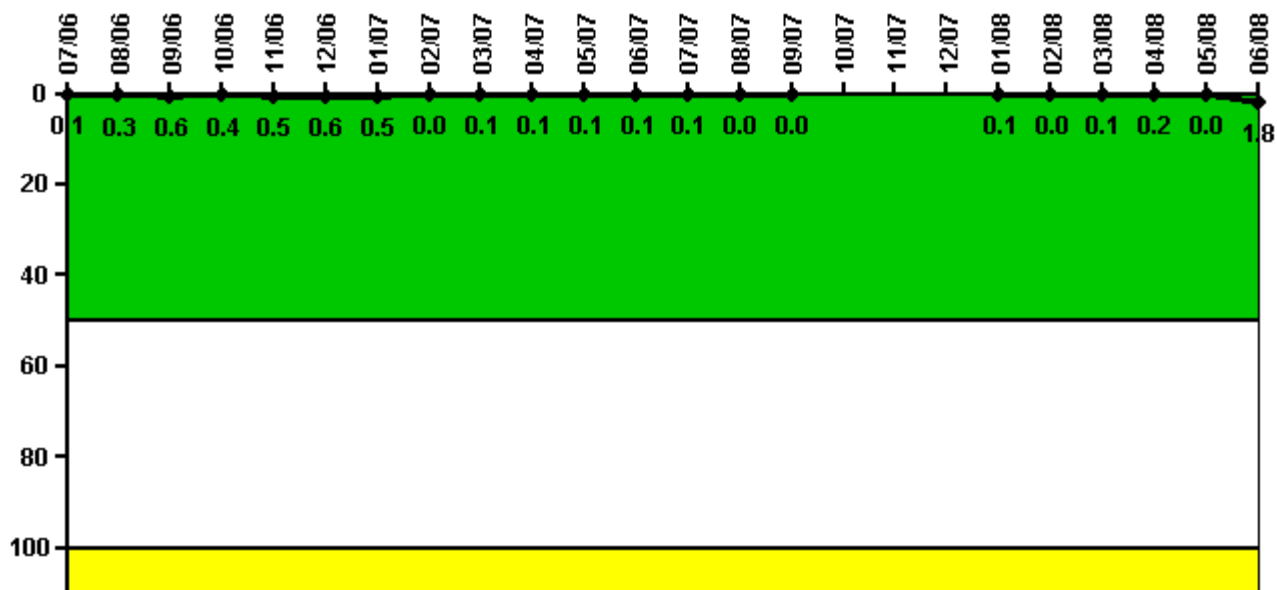
Notes

Reactor Coolant System Activity	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07
Maximum activity	0.000639	0.000702	0.000690	0.000770	0.000773	0.000720	0.000772	0.001400	0.000814	0.000770	0.000821	0.000859
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
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

Reactor Coolant System Activity	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08
Maximum activity	0.000920	0.000906	0.000956	N/A	N/A	N/A	0.000618	0.000533	0.000586	0.000550	0.000604	0.000605
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	N/A	N/A	N/A	0.1	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



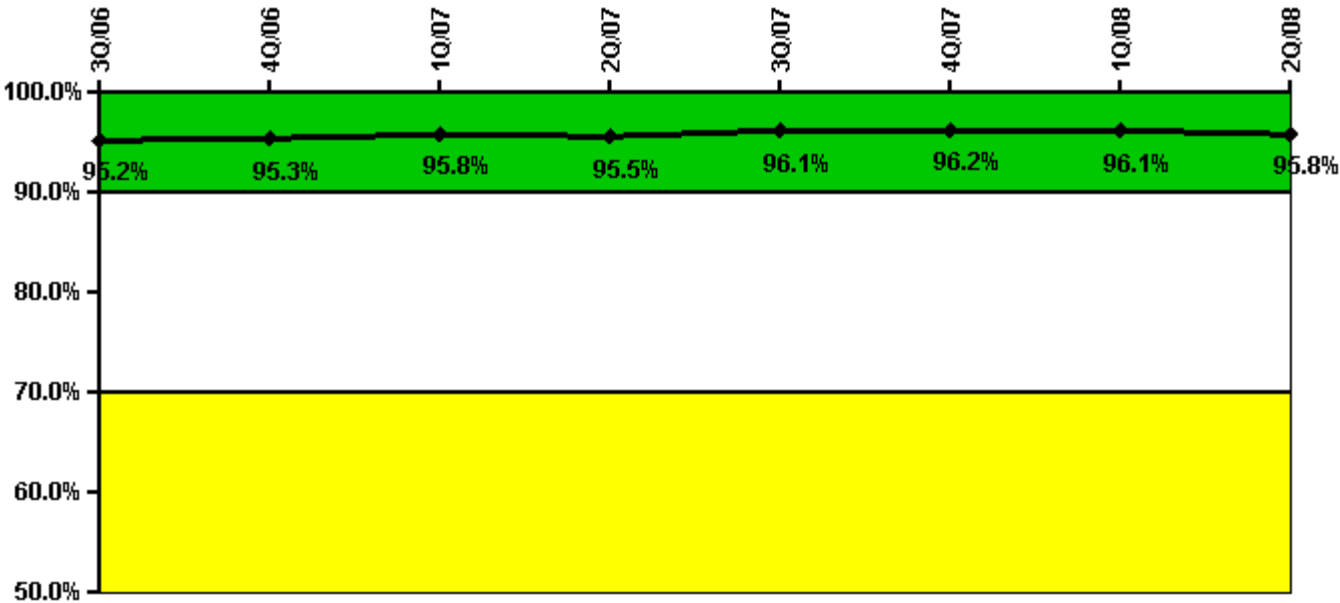
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07
Maximum leakage	0.010	0.030	0.060	0.039	0.050	0.060	0.054	0.003	0.005	0.005	0.005	0.008
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.3	0.6	0.4	0.5	0.6	0.5	0	0.1	0.1	0.1	0.1
Reactor Coolant System Leakage	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08
Maximum leakage	0.005	0	0	N/A	N/A	N/A	0.008	0	0.009	0.020	0.002	0.180
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0	0	N/A	N/A	N/A	0.1	0	0.1	0.2	0	1.8

Licensee Comments: none

Drill/Exercise Performance



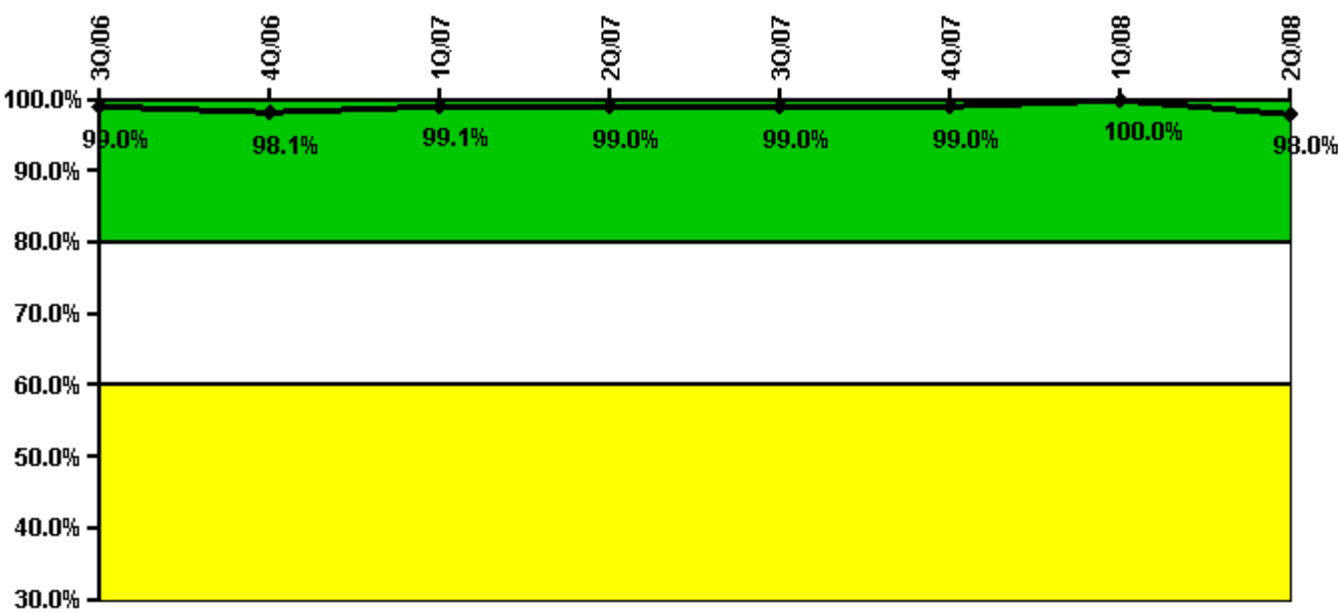
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Successful opportunities	71.0	78.0	113.0	38.0	88.0	2.0	68.0	48.0
Total opportunities	78.0	80.0	116.0	39.0	90.0	2.0	72.0	51.0
Indicator value	95.2%	95.3%	95.8%	95.5%	96.1%	96.2%	96.1%	95.8%

Licensee Comments: none

ERO Drill Participation



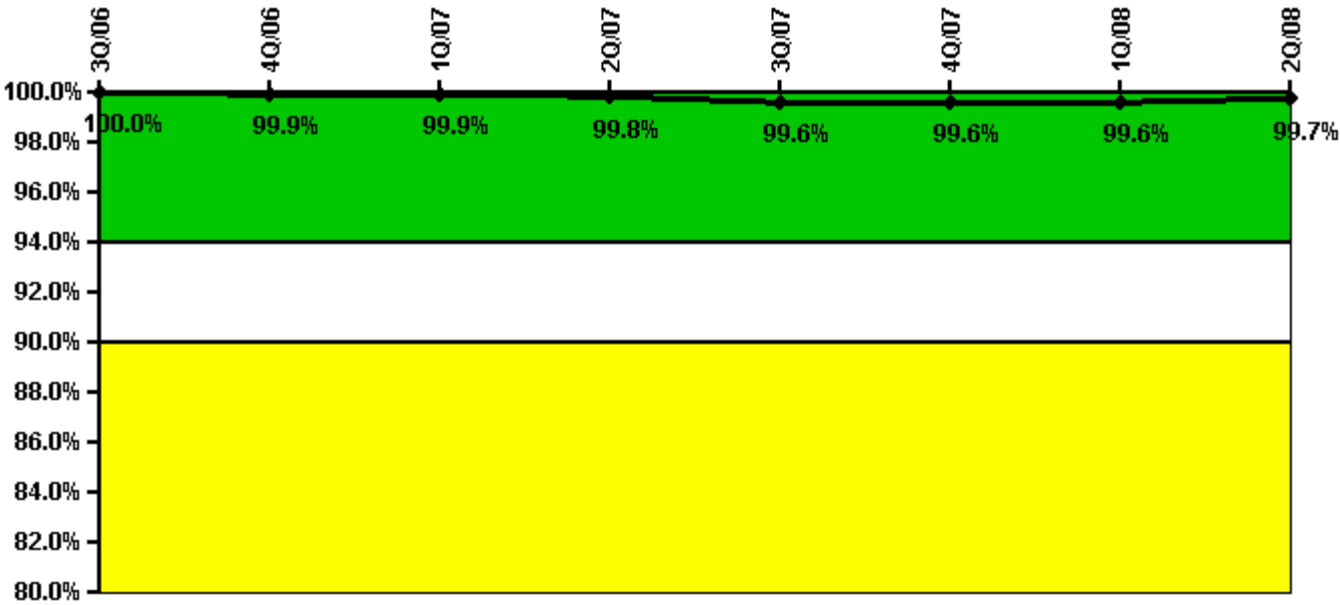
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Participating Key personnel	98.0	104.0	106.0	101.0	98.0	97.0	101.0	96.0
Total Key personnel	99.0	106.0	107.0	102.0	99.0	98.0	101.0	98.0
Indicator value	99.0%	98.1%	99.1%	99.0%	99.0%	99.0%	100.0%	98.0%

Licensee Comments: none

Alert & Notification System



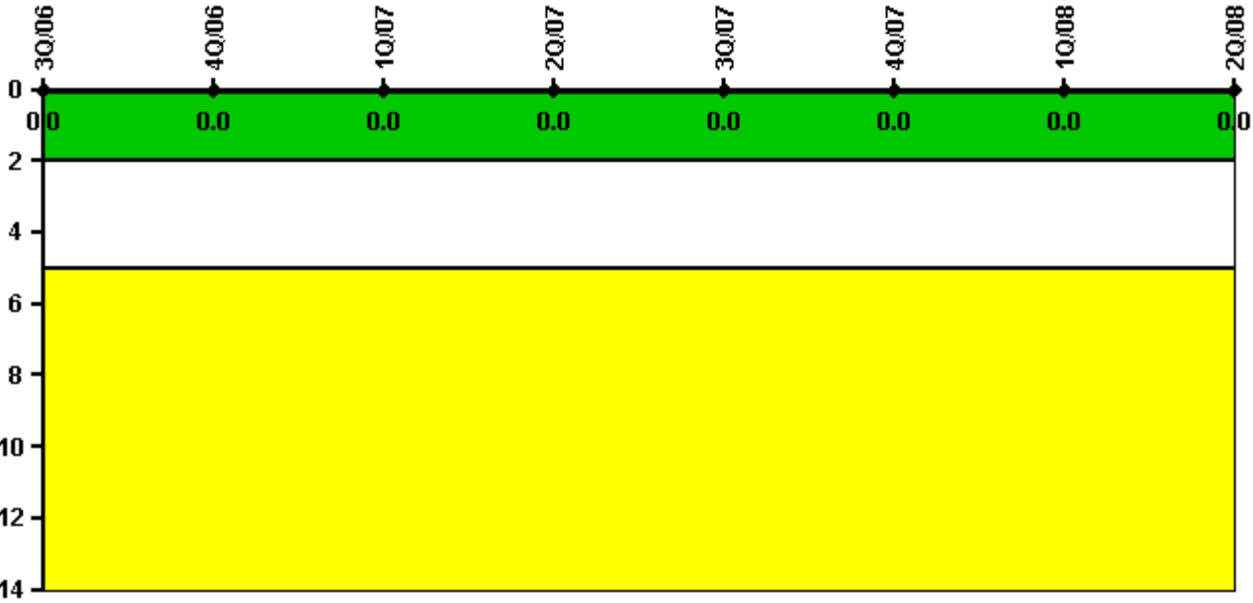
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Successful siren-tests	630	629	719	627	714	719	629	719
Total sirens-tests	630	630	720	630	720	720	630	720
Indicator value	100.0%	99.9%	99.9%	99.8%	99.6%	99.6%	99.6%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
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/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
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.

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

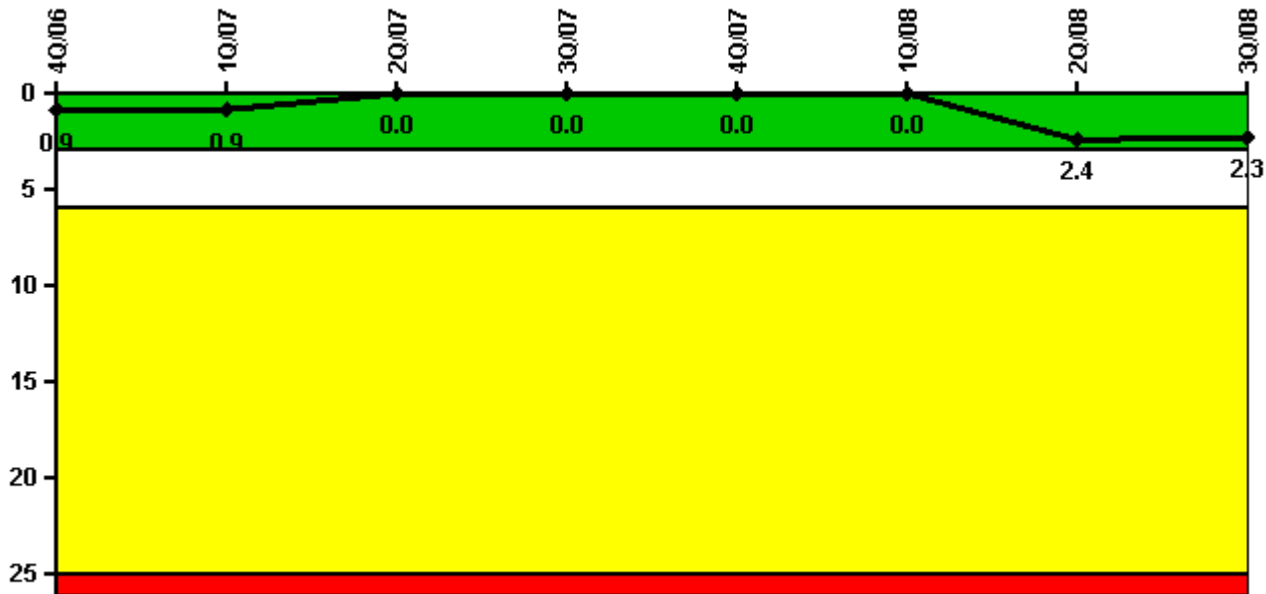
Last Modified: August 4, 2008

Saint Lucie 2

3Q/2008 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



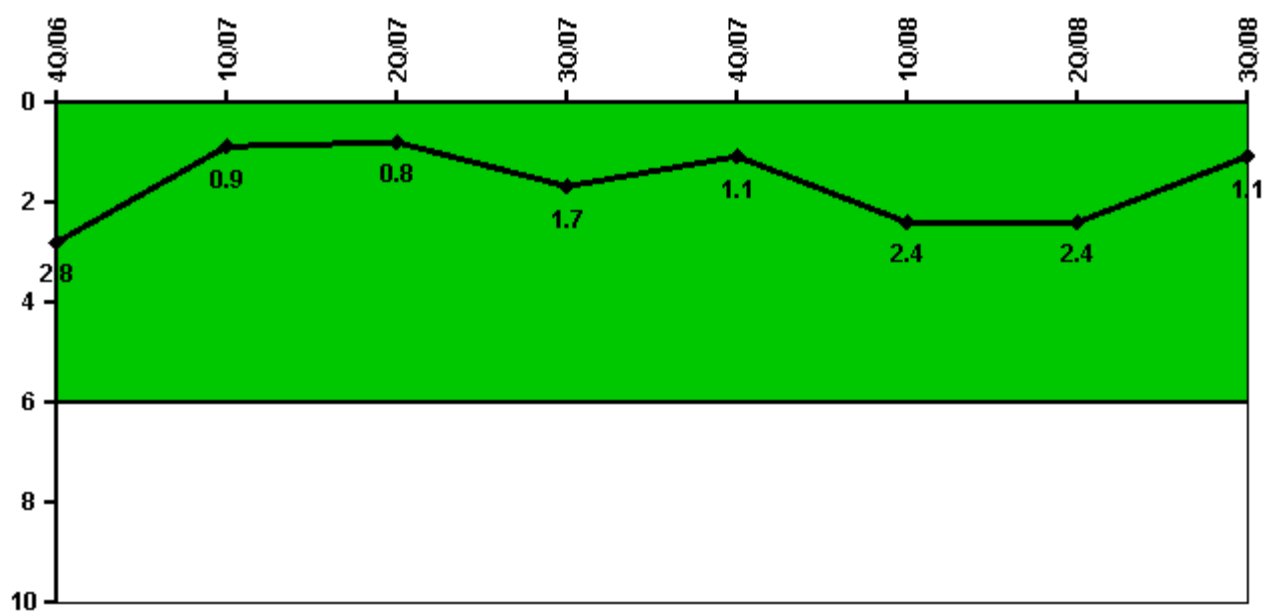
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Unplanned scrams	0	0	0	0	0	0	2.0	0
Critical hours	2209.0	2159.0	2184.0	1903.2	0	1861.5	2112.2	2208.0
Indicator value	0.9	0.9	0	0	0	0	2.4	2.3

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



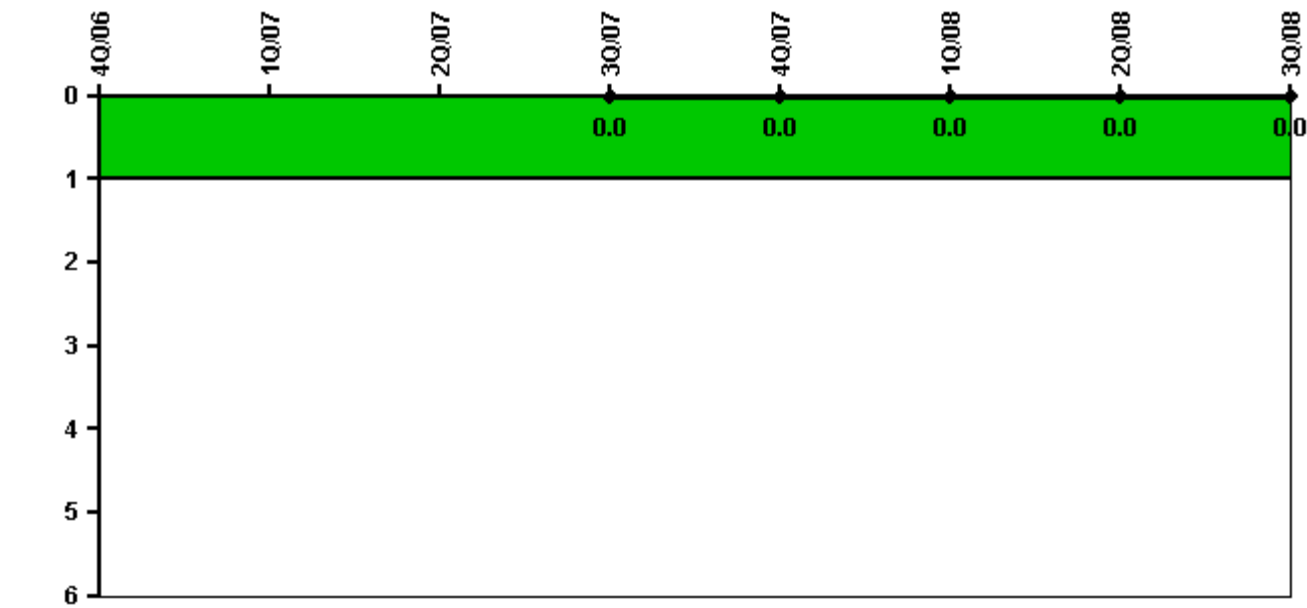
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Unplanned power changes	1.0	0	0	1.0	0	1.0	0	0
Critical hours	2209.0	2159.0	2184.0	1903.2	0	1861.5	2112.2	2208.0
Indicator value	2.8	0.9	0.8	1.7	1.1	2.4	2.4	1.1

Licensee Comments: none

Unplanned Scrams with Complications



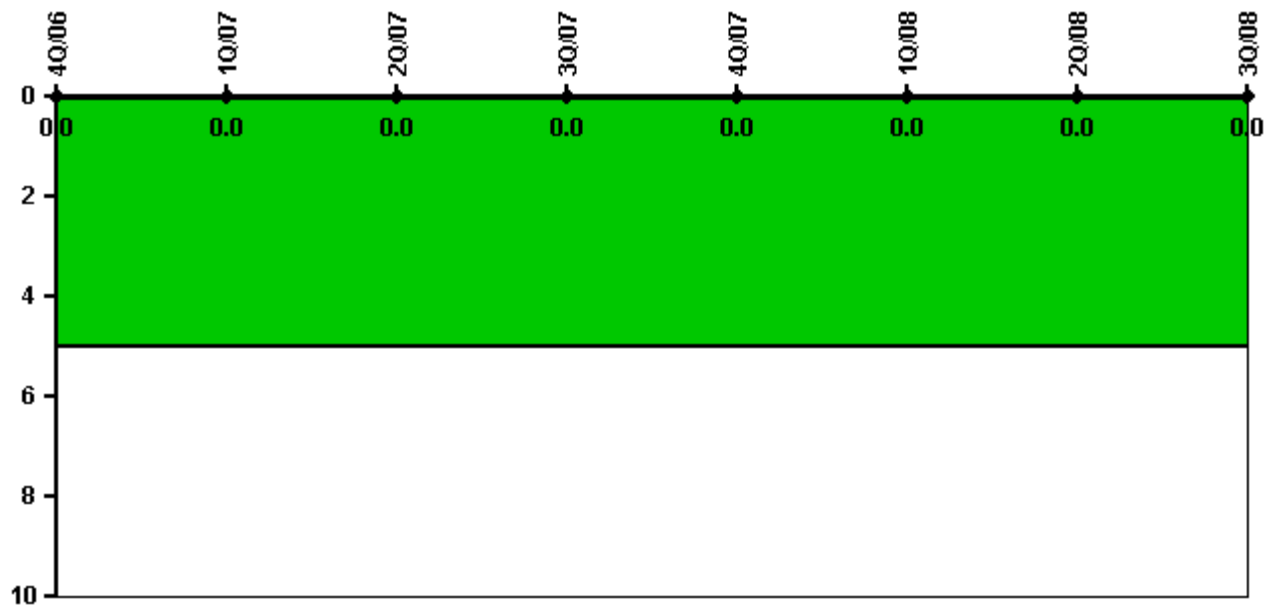
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value				0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)

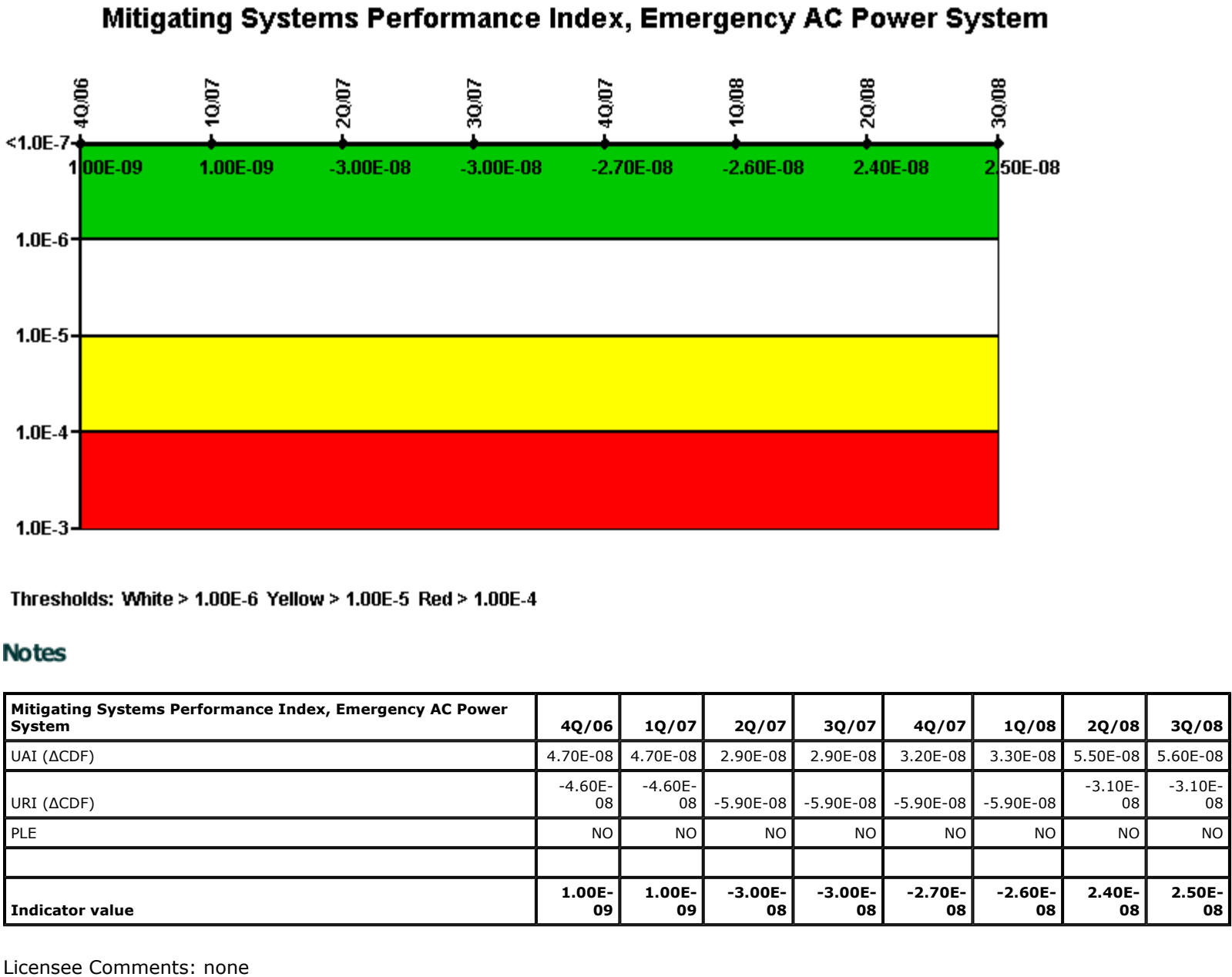


Thresholds: White > 5.0

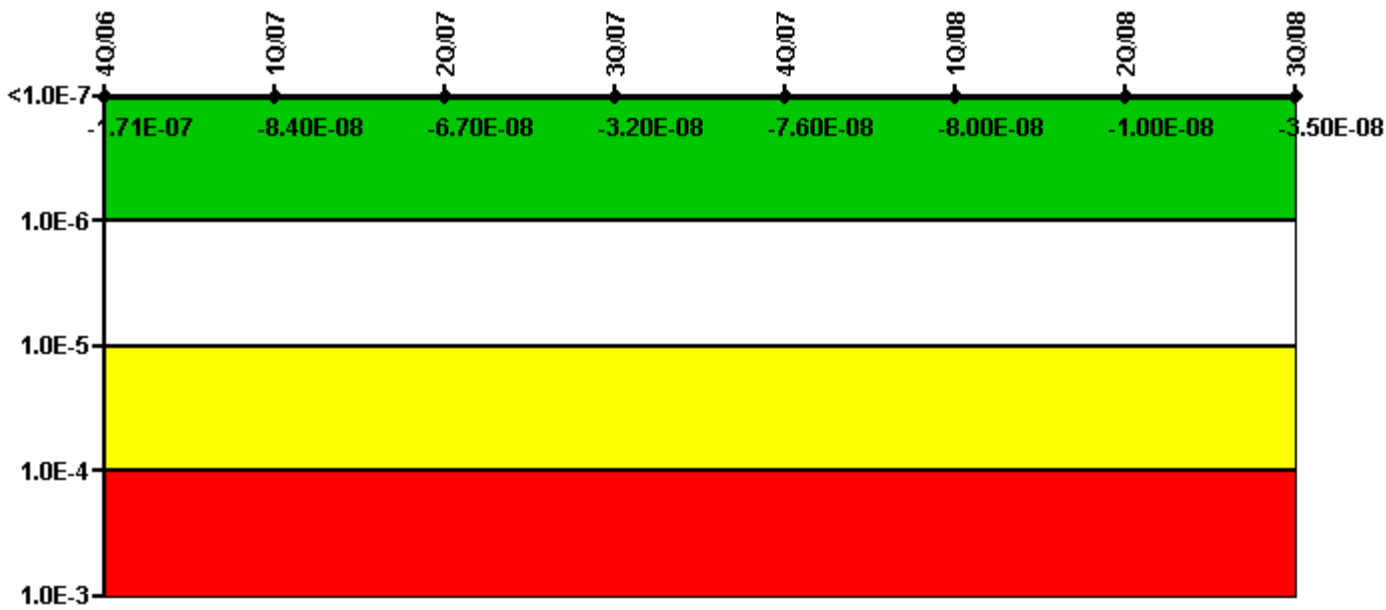
Notes

Safety System Functional Failures (PWR)	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none



Mitigating Systems Performance Index, High Pressure Injection System



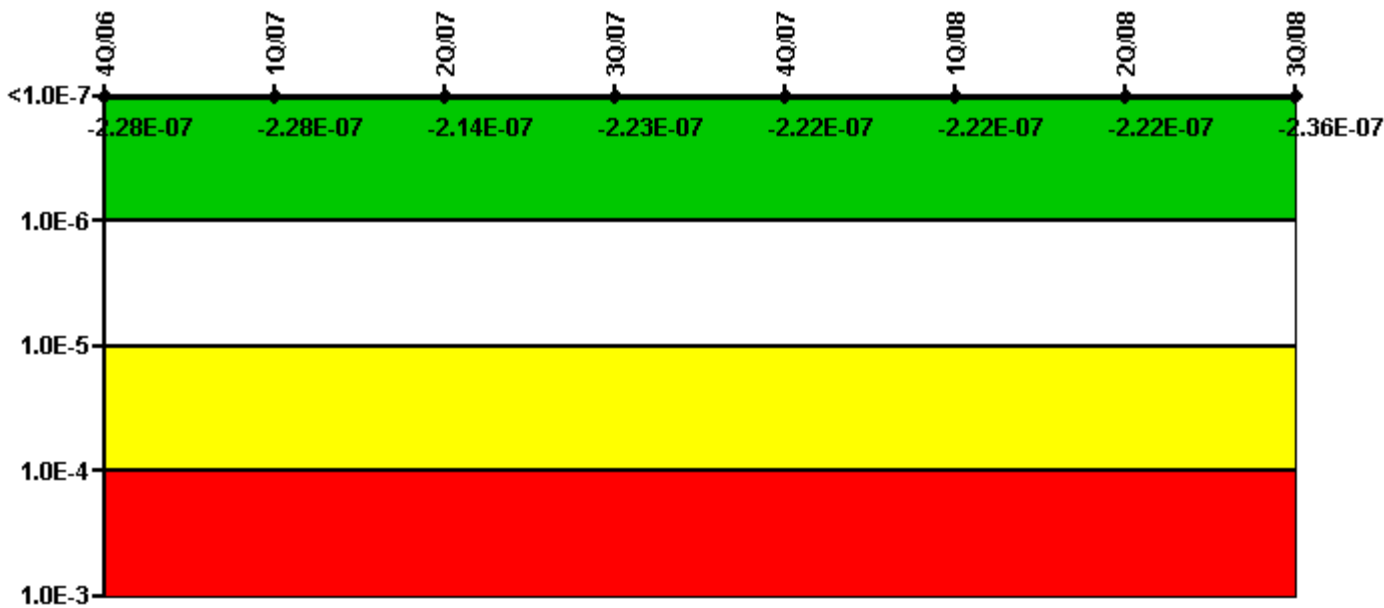
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI (ΔCDF)	8.60E-09	9.60E-08	6.30E-08	9.80E-08	5.40E-08	5.00E-08	1.20E-07	9.50E-08
URI (ΔCDF)	-1.80E-07	-1.80E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.71E-07	-8.40E-08	-6.70E-08	-3.20E-08	-7.60E-08	-8.00E-08	-1.00E-08	-3.50E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



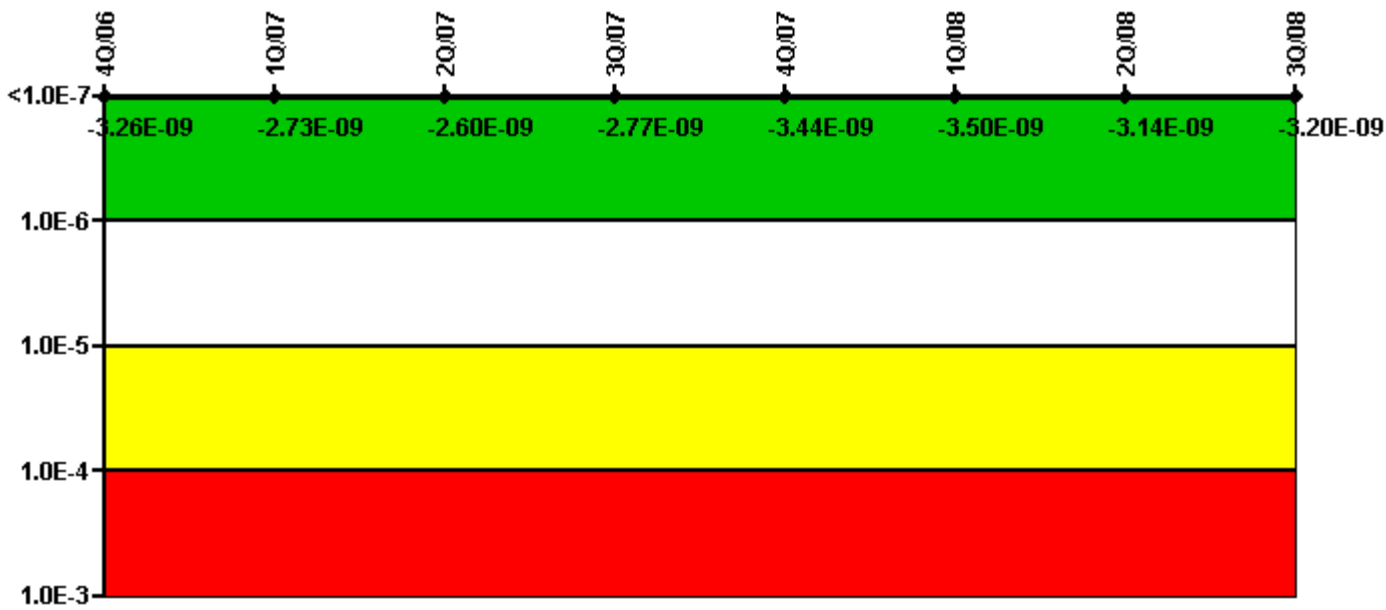
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI (ΔCDF)	-3.80E-08	-3.80E-08	-3.40E-08	-4.30E-08	-4.20E-08	-4.20E-08	-4.20E-08	-5.60E-08
URI (ΔCDF)	-1.90E-07	-1.90E-07	-1.80E-07	-1.80E-07	-1.80E-07	-1.80E-07	-1.80E-07	-1.80E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.28E-07	-2.28E-07	-2.14E-07	-2.23E-07	-2.22E-07	-2.22E-07	-2.22E-07	-2.36E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



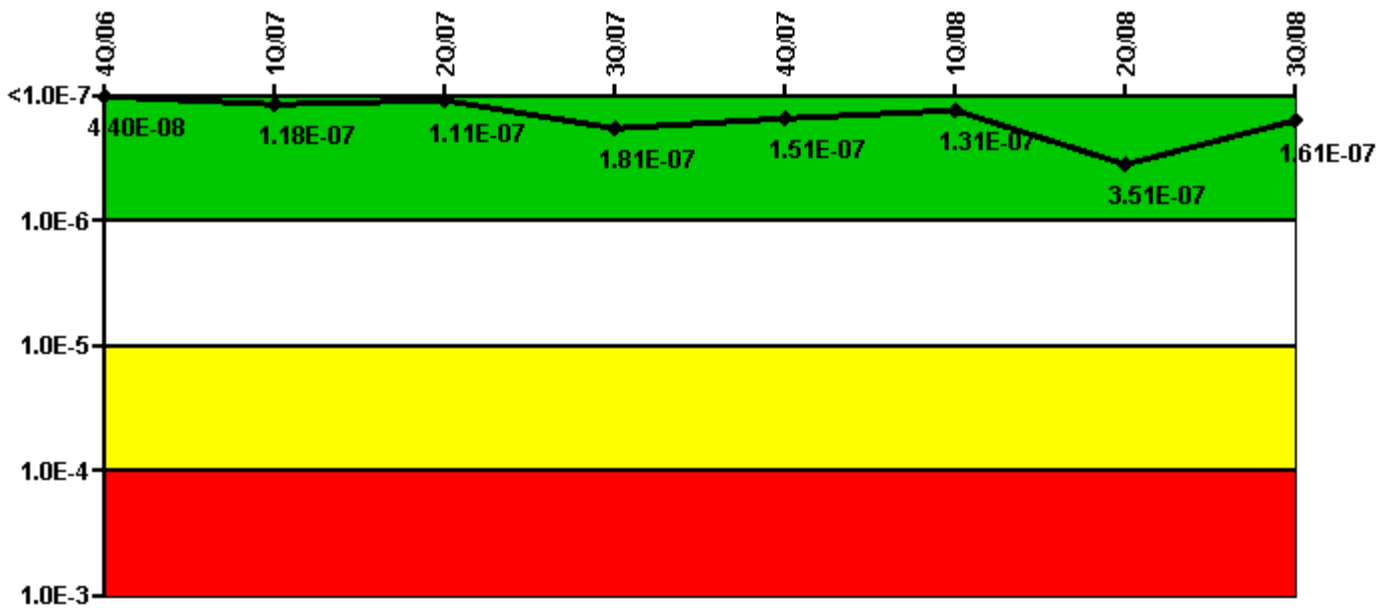
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI (ΔCDF)	1.40E-10	6.70E-10	6.00E-10	4.30E-10	-2.40E-10	-3.00E-10	6.40E-11	4.80E-12
URI (ΔCDF)	-3.40E-09	-3.40E-09	-3.20E-09	-3.20E-09	-3.20E-09	-3.20E-09	-3.20E-09	-3.20E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.26E-09	-2.73E-09	-2.60E-09	-2.77E-09	-3.44E-09	-3.50E-09	-3.14E-09	-3.20E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



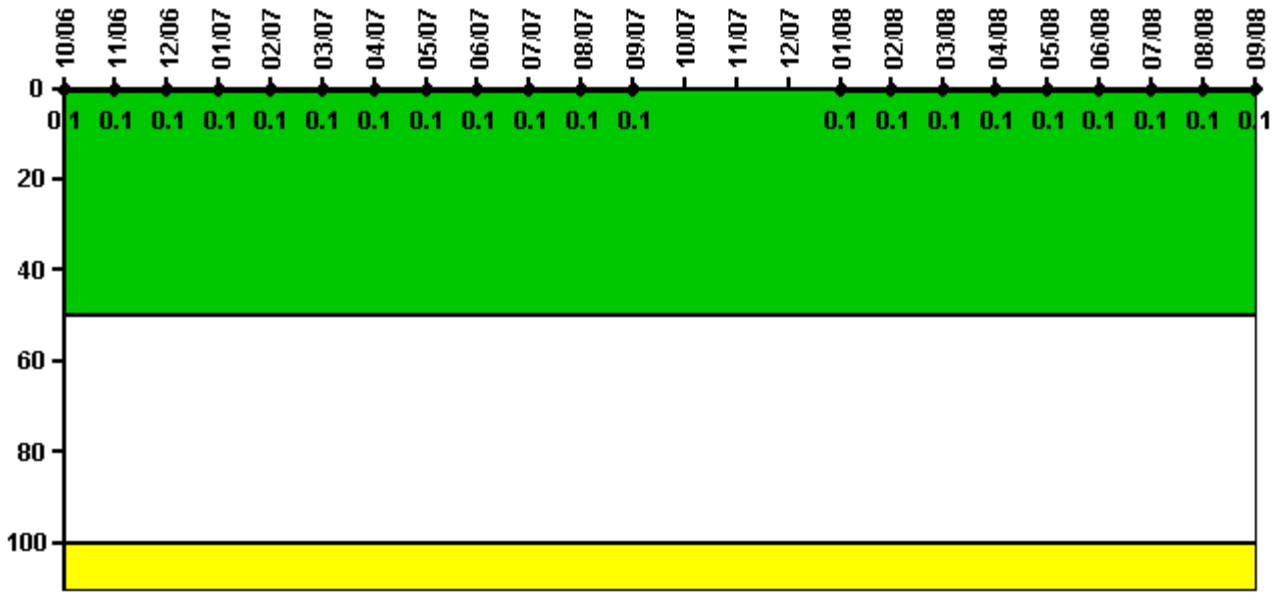
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI (ΔCDF)	5.60E-08	1.30E-07	1.20E-07	1.90E-07	1.60E-07	1.40E-07	3.60E-07	1.70E-07
URI (ΔCDF)	-1.20E-08	-1.20E-08	-9.00E-09	-9.00E-09	-9.00E-09	-9.00E-09	-9.00E-09	-9.00E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.40E-08	1.18E-07	1.11E-07	1.81E-07	1.51E-07	1.31E-07	3.51E-07	1.61E-07

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

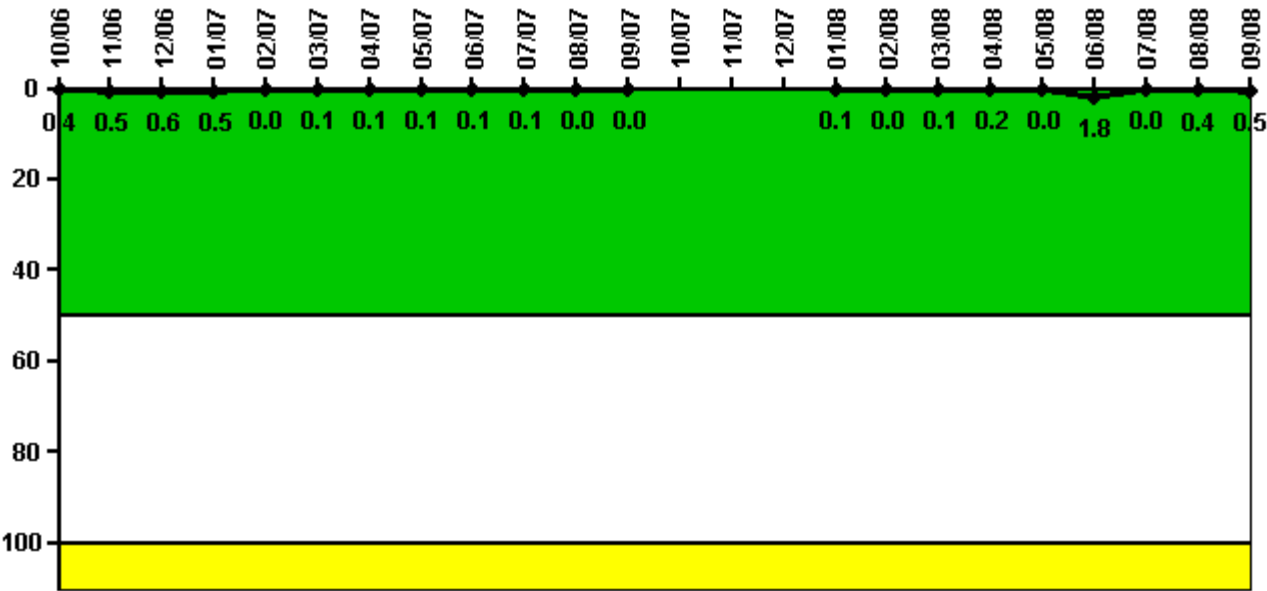
Notes

Reactor Coolant System Activity	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07
Maximum activity	0.000770	0.000773	0.000720	0.000772	0.001400	0.000814	0.000770	0.000821	0.000859	0.000920	0.000906	0.000956
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
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

Reactor Coolant System Activity	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08
Maximum activity	N/A	N/A	N/A	0.000618	0.000533	0.000586	0.000550	0.000604	0.000605	0.000630	0.000668	0.000669
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	N/A	N/A	N/A	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



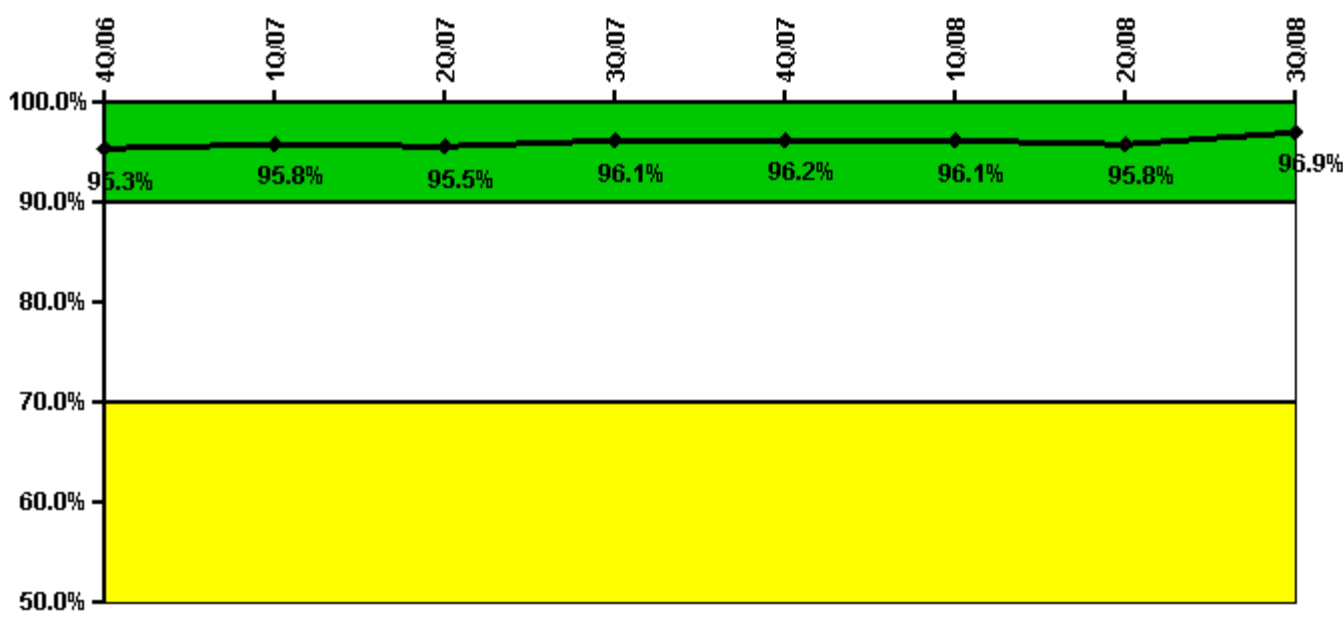
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07
Maximum leakage	0.039	0.050	0.060	0.054	0.003	0.005	0.005	0.005	0.008	0.005	0	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.5	0.6	0.5	0	0.1	0.1	0.1	0.1	0.1	0	0
Reactor Coolant System Leakage	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08
Maximum leakage	N/A	N/A	N/A	0.008	0	0.009	0.020	0.002	0.180	0.002	0.040	0.050
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	N/A	N/A	N/A	0.1	0	0.1	0.2	0	1.8	0	0.4	0.5

Licensee Comments: none

Drill/Exercise Performance



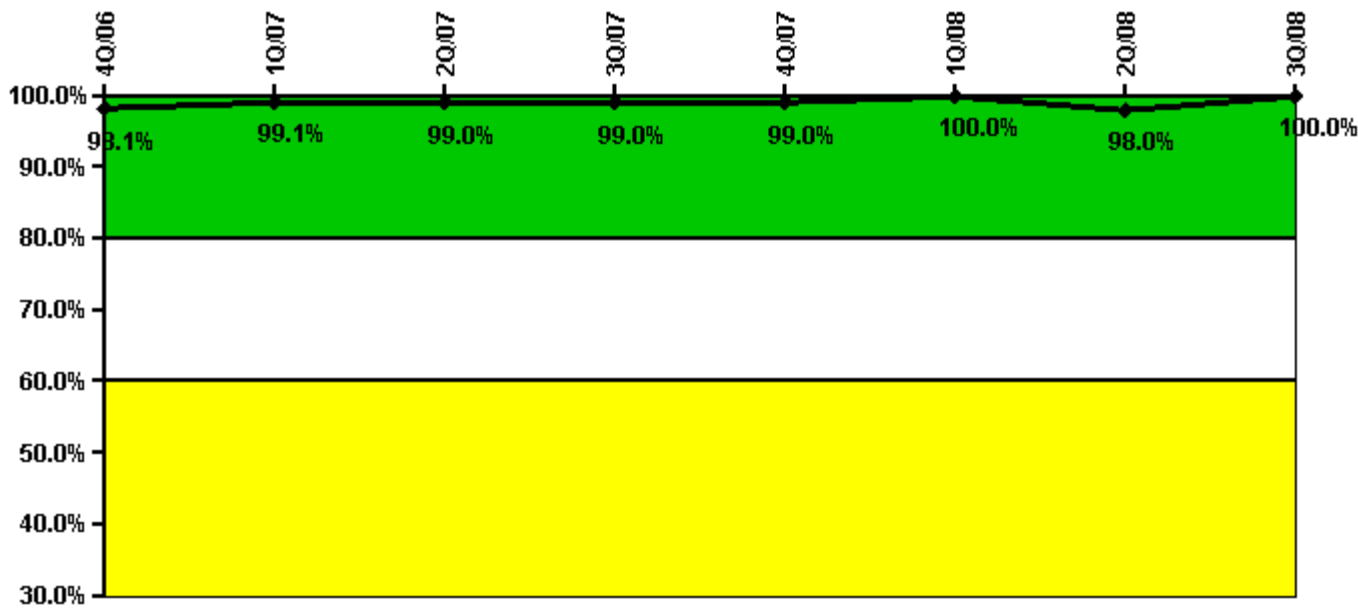
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Successful opportunities	78.0	113.0	38.0	88.0	2.0	68.0	48.0	68.0
Total opportunities	80.0	116.0	39.0	90.0	2.0	72.0	51.0	69.0
Indicator value	95.3%	95.8%	95.5%	96.1%	96.2%	96.1%	95.8%	96.9%

Licensee Comments: none

ERO Drill Participation



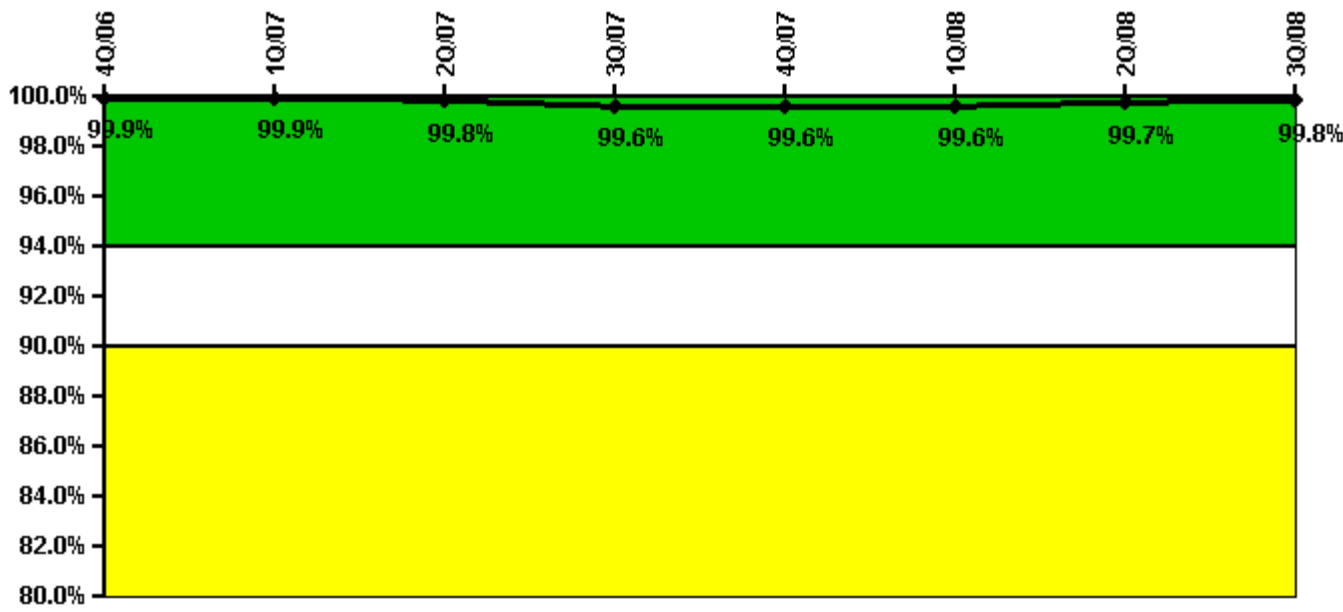
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Participating Key personnel	104.0	106.0	101.0	98.0	97.0	101.0	96.0	97.0
Total Key personnel	106.0	107.0	102.0	99.0	98.0	101.0	98.0	97.0
Indicator value	98.1%	99.1%	99.0%	99.0%	99.0%	100.0%	98.0%	100.0%

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Successful siren-tests	629	719	627	714	719	629	719	627
Total sirens-tests	630	720	630	720	720	630	720	630
Indicator value	99.9%	99.9%	99.8%	99.6%	99.6%	99.6%	99.7%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



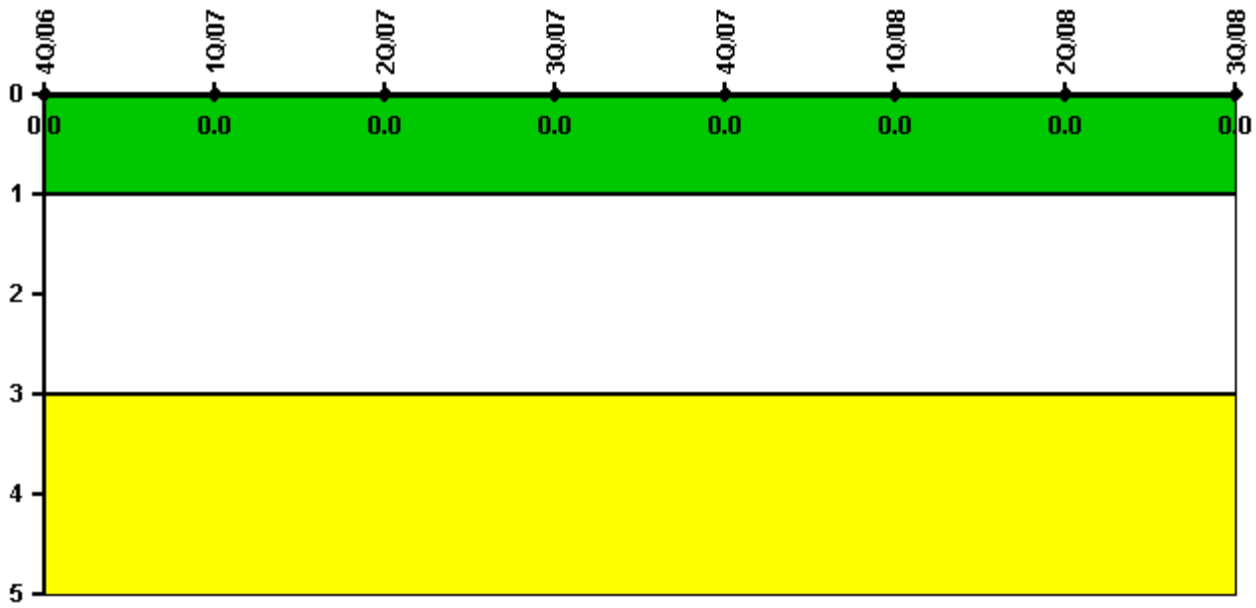
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
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/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

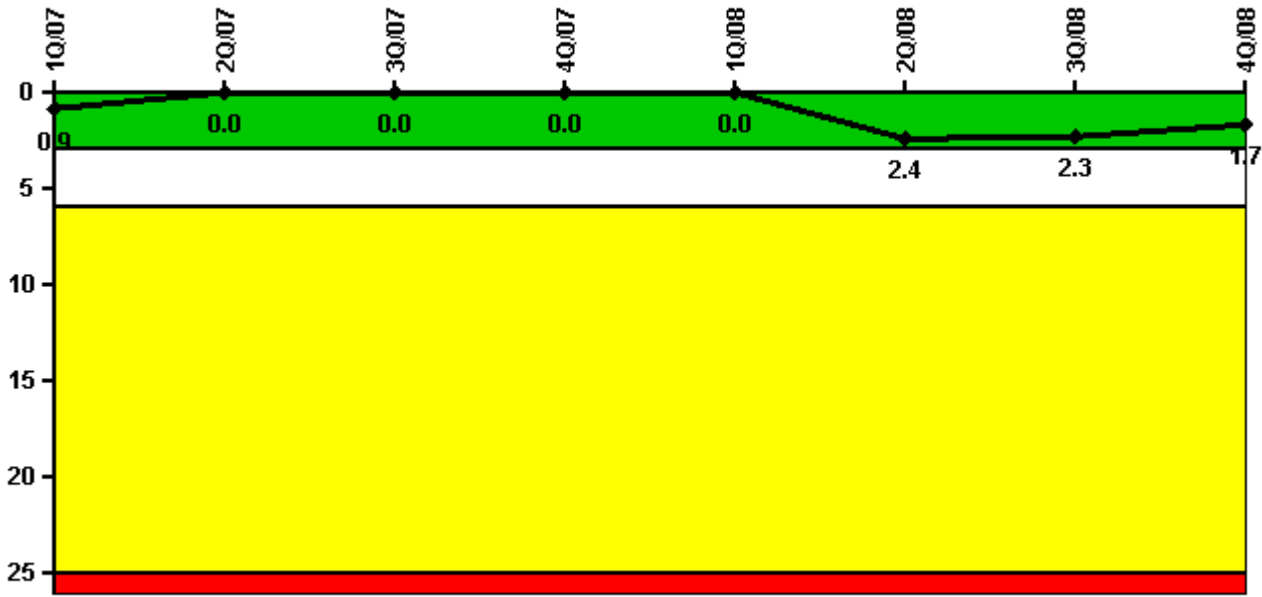
[Security](#) information not publicly available.

Saint Lucie 2

4Q/2008 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



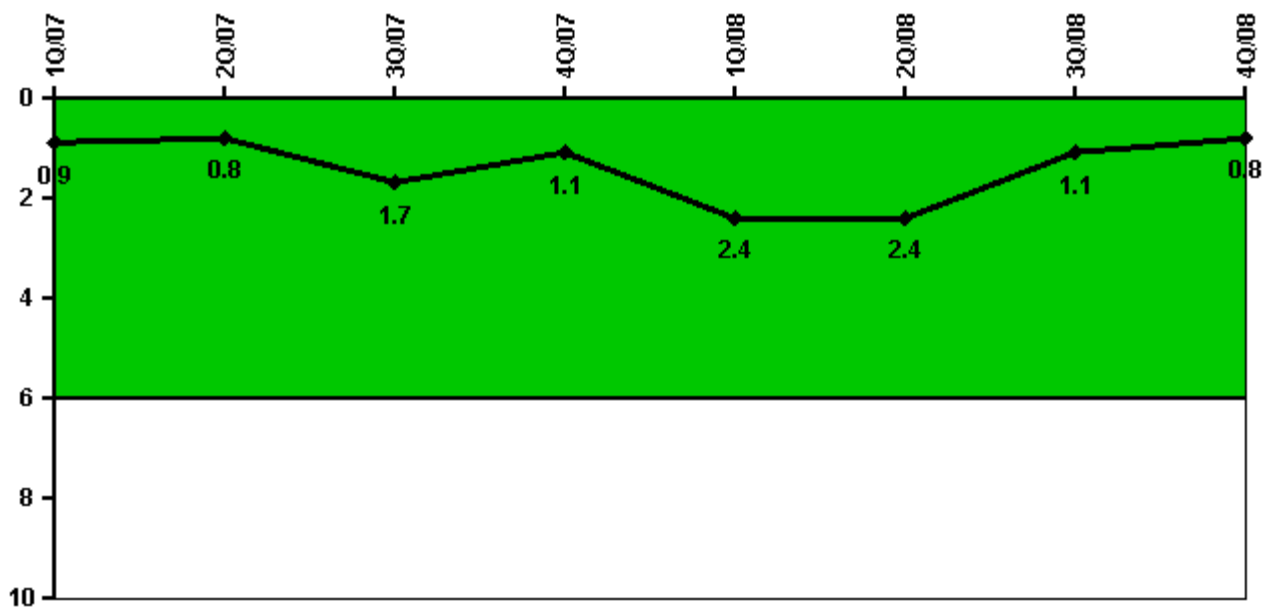
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Unplanned scrams	0	0	0	0	0	2.0	0	0
Critical hours	2159.0	2184.0	1903.2	0	1861.5	2112.2	2208.0	2209.0
Indicator value	0.9	0	0	0	0	2.4	2.3	1.7

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



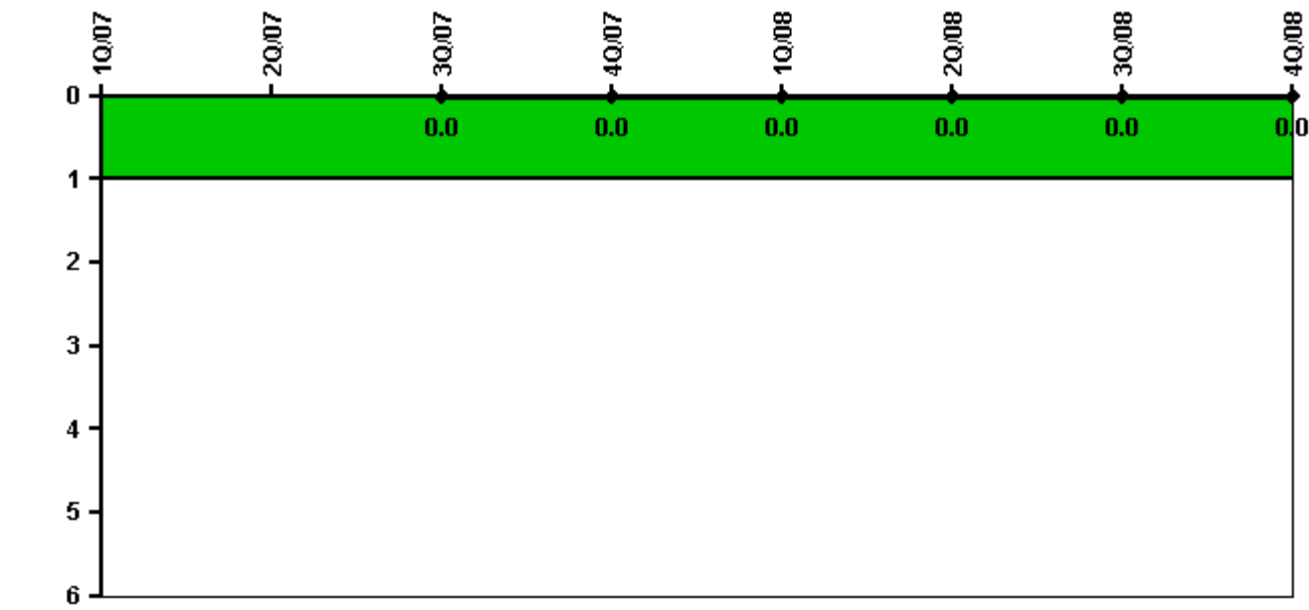
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Unplanned power changes	0	0	1.0	0	1.0	0	0	0
Critical hours	2159.0	2184.0	1903.2	0	1861.5	2112.2	2208.0	2209.0
Indicator value	0.9	0.8	1.7	1.1	2.4	2.4	1.1	0.8

Licensee Comments: none

Unplanned Scrams with Complications



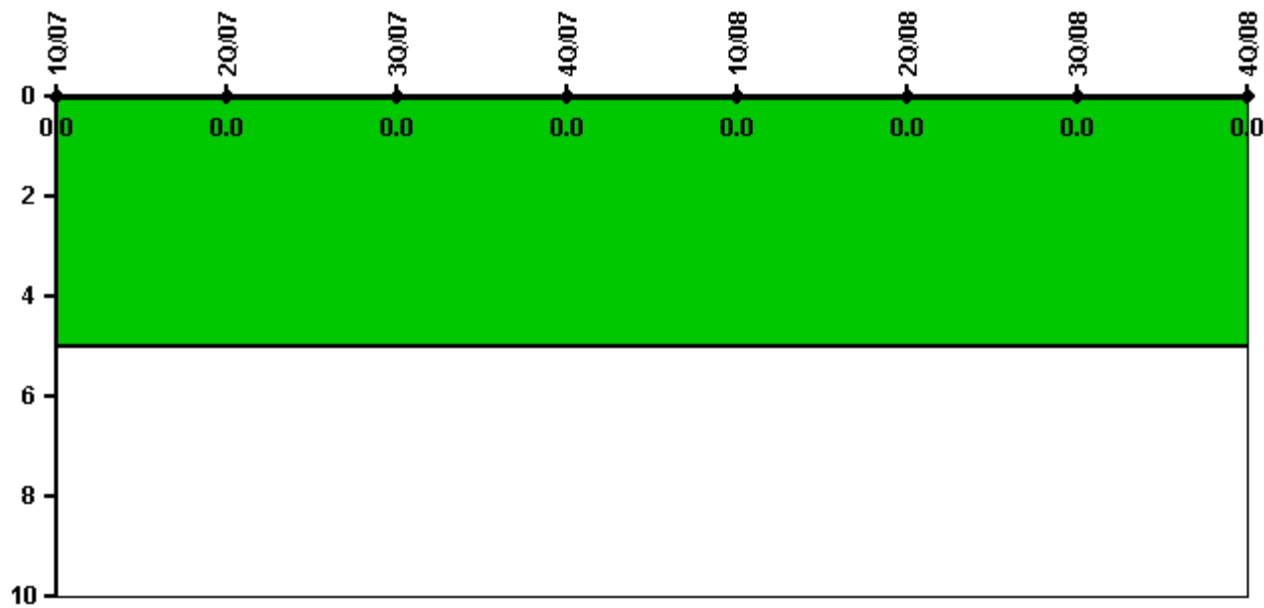
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
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

Licensee Comments: none

Safety System Functional Failures (PWR)

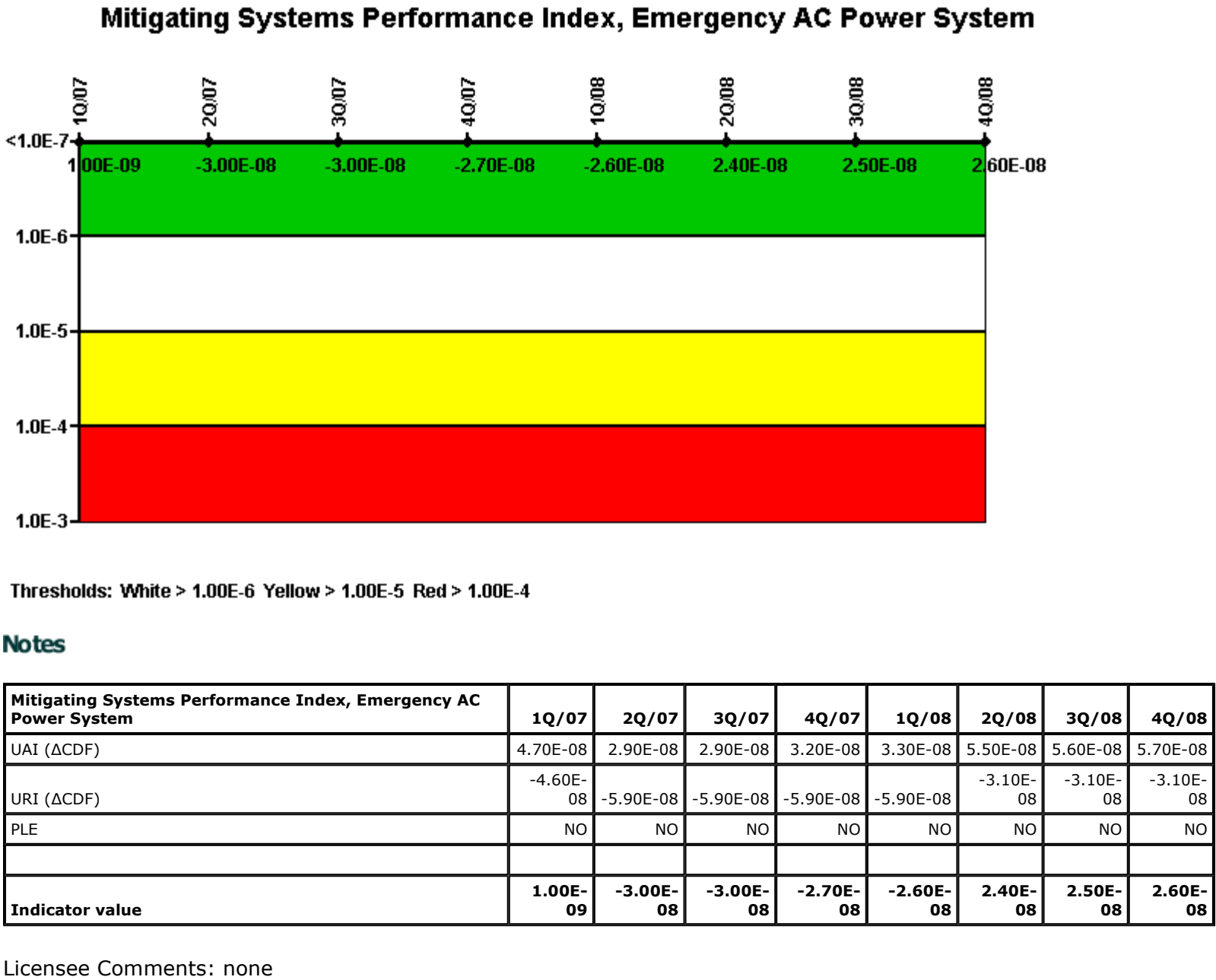


Thresholds: White > 5.0

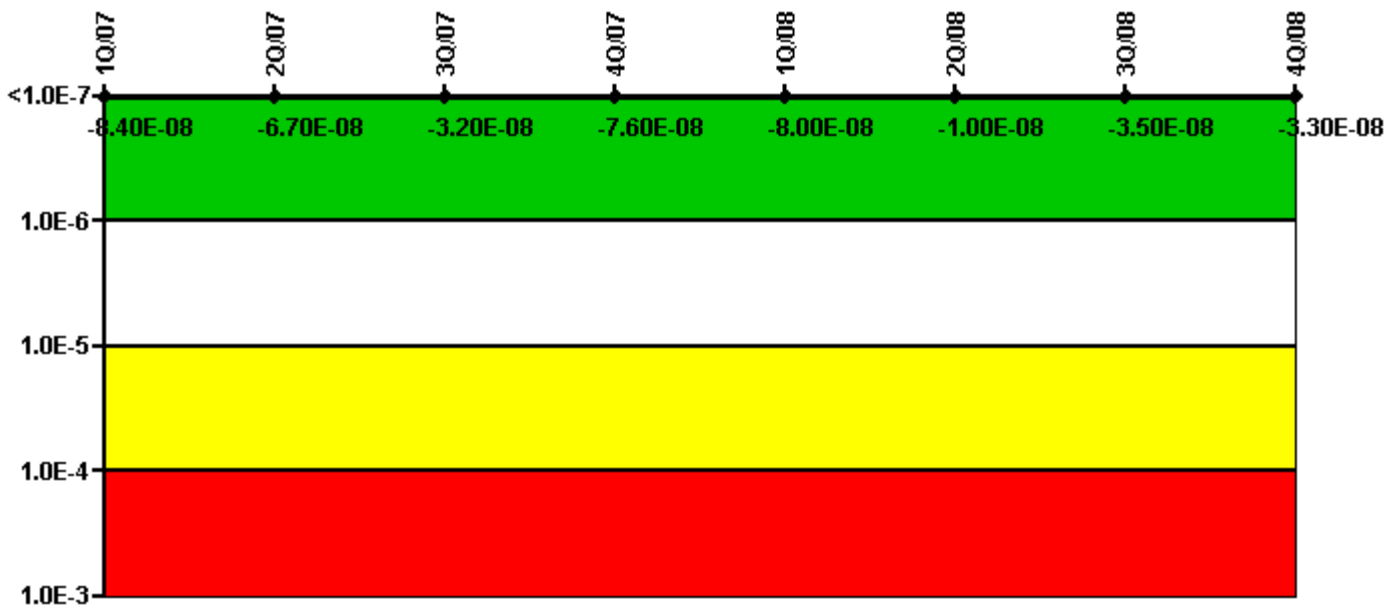
Notes

Safety System Functional Failures (PWR)	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none



Mitigating Systems Performance Index, High Pressure Injection System



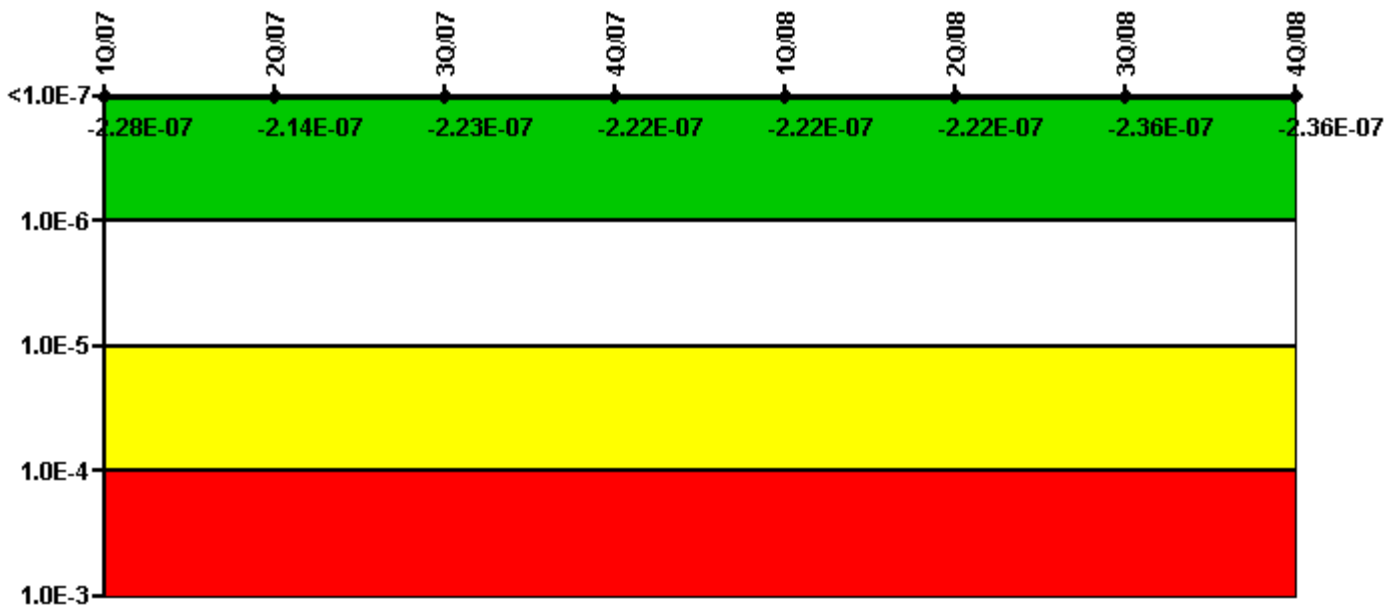
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI (ΔCDF)	9.60E-08	6.30E-08	9.80E-08	5.40E-08	5.00E-08	1.20E-07	9.50E-08	9.70E-08
URI (ΔCDF)	-1.80E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-8.40E-08	-6.70E-08	-3.20E-08	-7.60E-08	-8.00E-08	-1.00E-08	-3.50E-08	-3.30E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



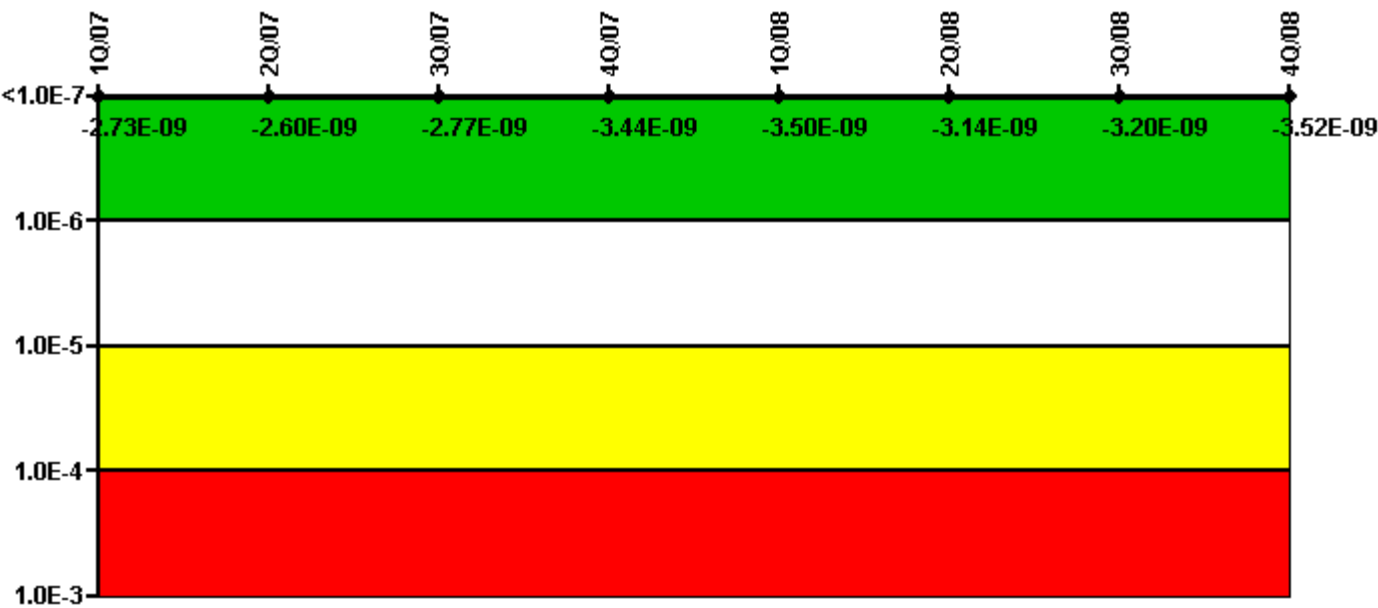
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI (ΔCDF)	-3.80E-08	-3.40E-08	-4.30E-08	-4.20E-08	-4.20E-08	-4.20E-08	-5.60E-08	-5.60E-08
URI (ΔCDF)	-1.90E-07	-1.80E-07	-1.80E-07	-1.80E-07	-1.80E-07	-1.80E-07	-1.80E-07	-1.80E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.28E-07	-2.14E-07	-2.23E-07	-2.22E-07	-2.22E-07	-2.22E-07	-2.36E-07	-2.36E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



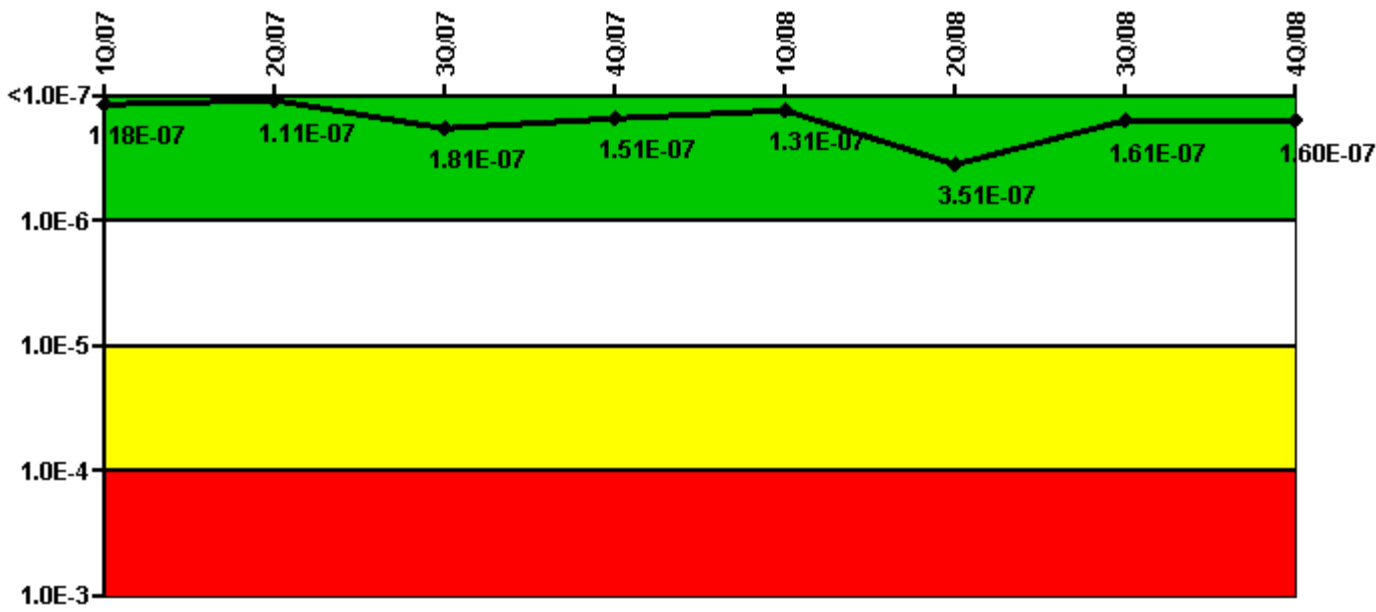
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI (ΔCDF)	6.70E-10	6.00E-10	4.30E-10	-2.40E-10	-3.00E-10	6.40E-11	4.80E-12	-3.20E-10
URI (ΔCDF)	-3.40E-09	-3.20E-09	-3.20E-09	-3.20E-09	-3.20E-09	-3.20E-09	-3.20E-09	-3.20E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.73E-09	-2.60E-09	-2.77E-09	-3.44E-09	-3.50E-09	-3.14E-09	-3.20E-09	-3.52E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



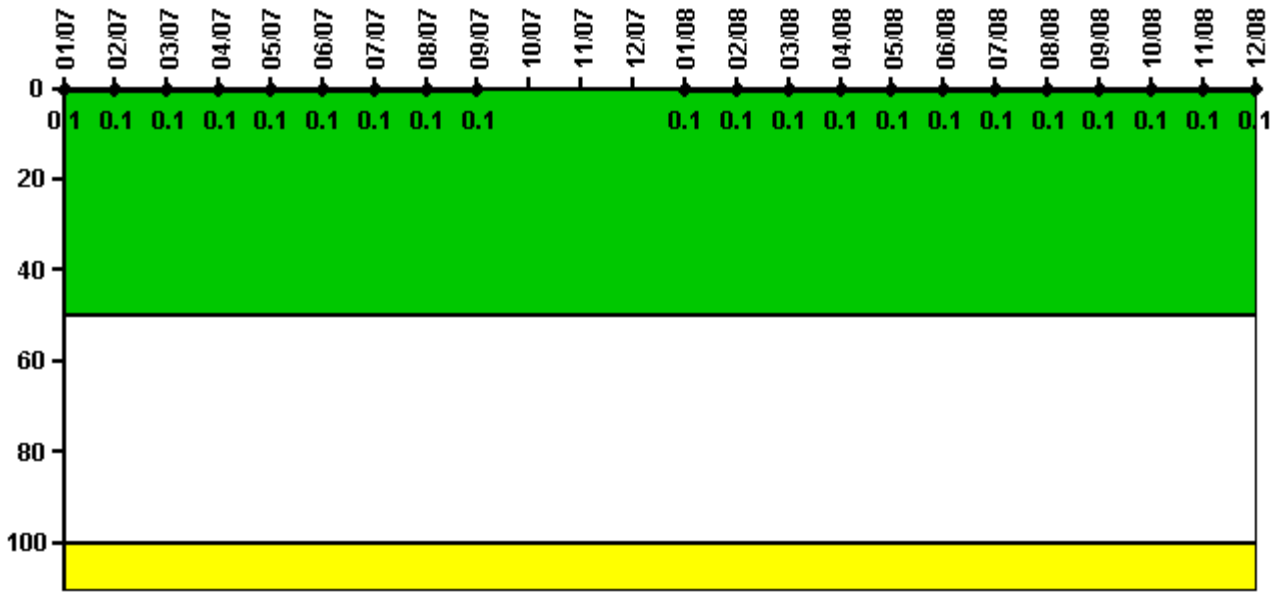
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI (ΔCDF)	1.30E-07	1.20E-07	1.90E-07	1.60E-07	1.40E-07	3.60E-07	1.70E-07	1.70E-07
URI (ΔCDF)	-1.20E-08	-9.00E-09	-9.00E-09	-9.00E-09	-9.00E-09	-9.00E-09	-9.00E-09	-1.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.18E-07	1.11E-07	1.81E-07	1.51E-07	1.31E-07	3.51E-07	1.61E-07	1.60E-07

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

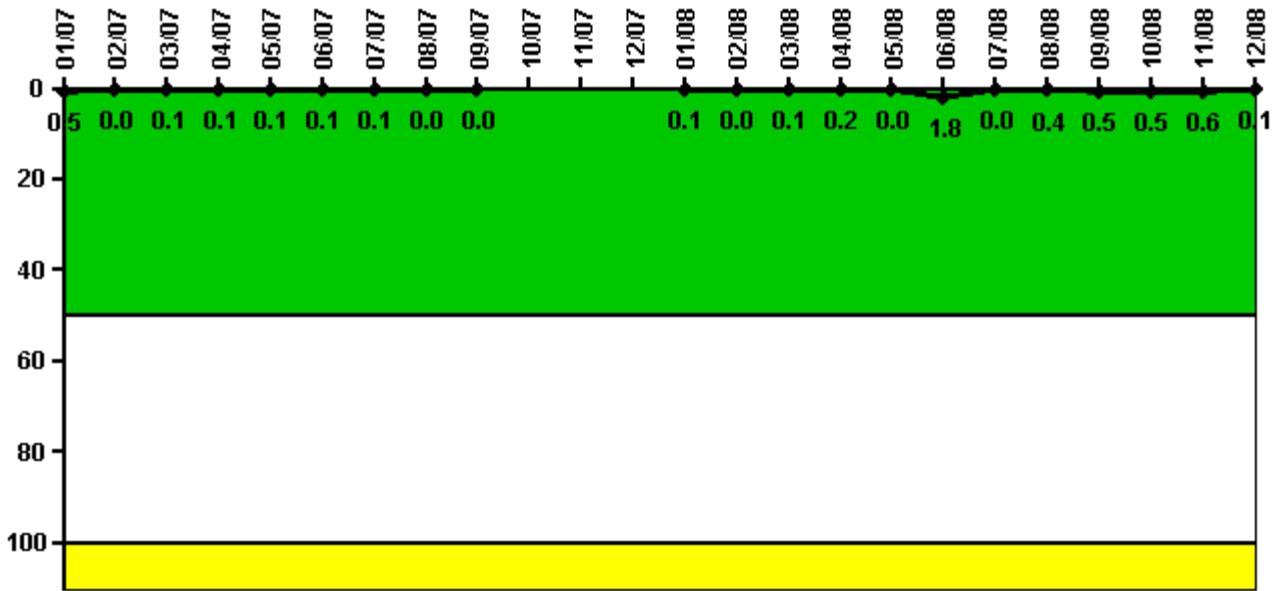
Notes

Reactor Coolant System Activity	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07
Maximum activity	0.000772	0.001400	0.000814	0.000770	0.000821	0.000859	0.000920	0.000906	0.000956	N/A	N/A	N/A
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	N/A	N/A	N/A

Reactor Coolant System Activity	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08	10/08	11/08	12/08
Maximum activity	0.000618	0.000533	0.000586	0.000550	0.000604	0.000605	0.000630	0.000668	0.000669	0.000660	0.000690	0.000690
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
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



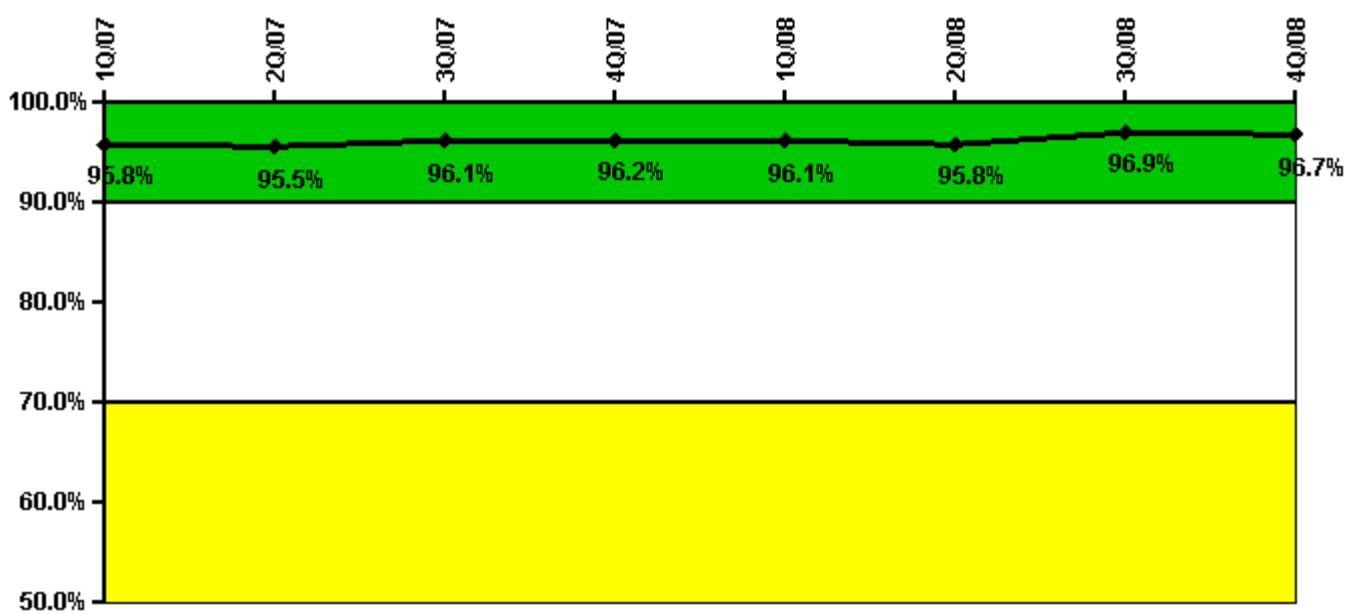
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07
Maximum leakage	0.054	0.003	0.005	0.005	0.005	0.008	0.005	0	0	N/A	N/A	N/A
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	0	0.1	0.1	0.1	0.1	0.1	0	0	N/A	N/A	N/A
Reactor Coolant System Leakage	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08	10/08	11/08	12/08
Maximum leakage	0.008	0	0.009	0.020	0.002	0.180	0.002	0.040	0.050	0.050	0.060	0.010
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0	0.1	0.2	0	1.8	0	0.4	0.5	0.5	0.6	0.1

Licensee Comments: none

Drill/Exercise Performance



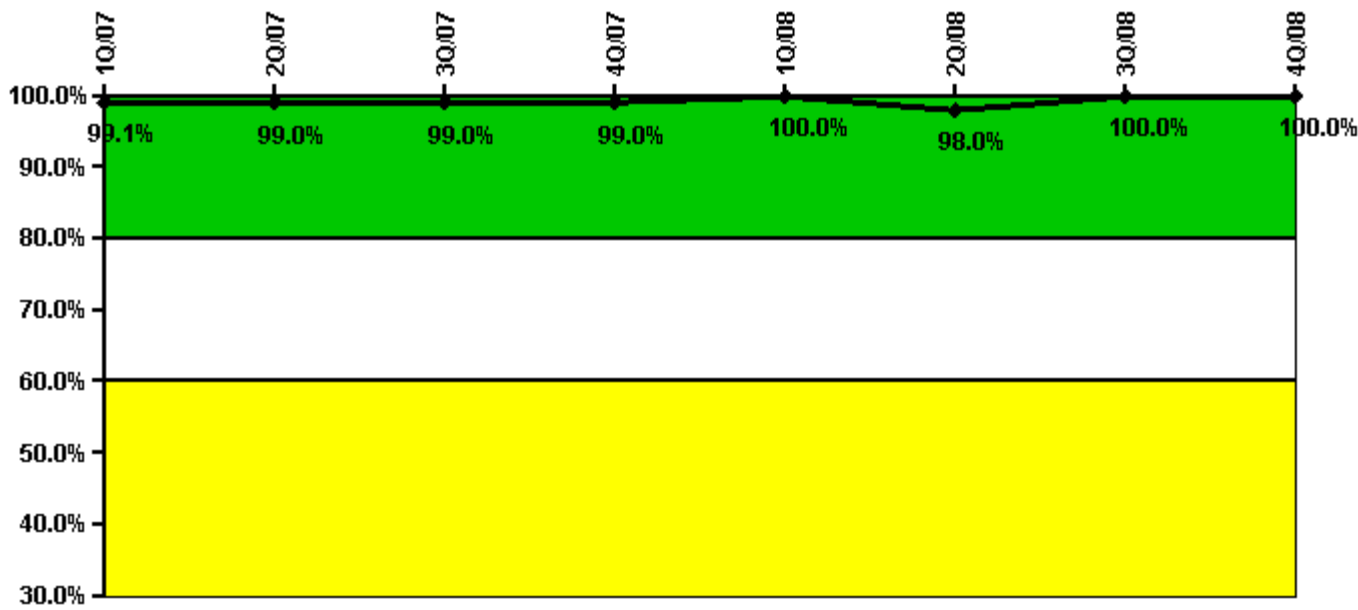
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Successful opportunities	113.0	38.0	88.0	2.0	68.0	48.0	68.0	16.0
Total opportunities	116.0	39.0	90.0	2.0	72.0	51.0	69.0	17.0
Indicator value	95.8%	95.5%	96.1%	96.2%	96.1%	95.8%	96.9%	96.7%

Licensee Comments: none

ERO Drill Participation



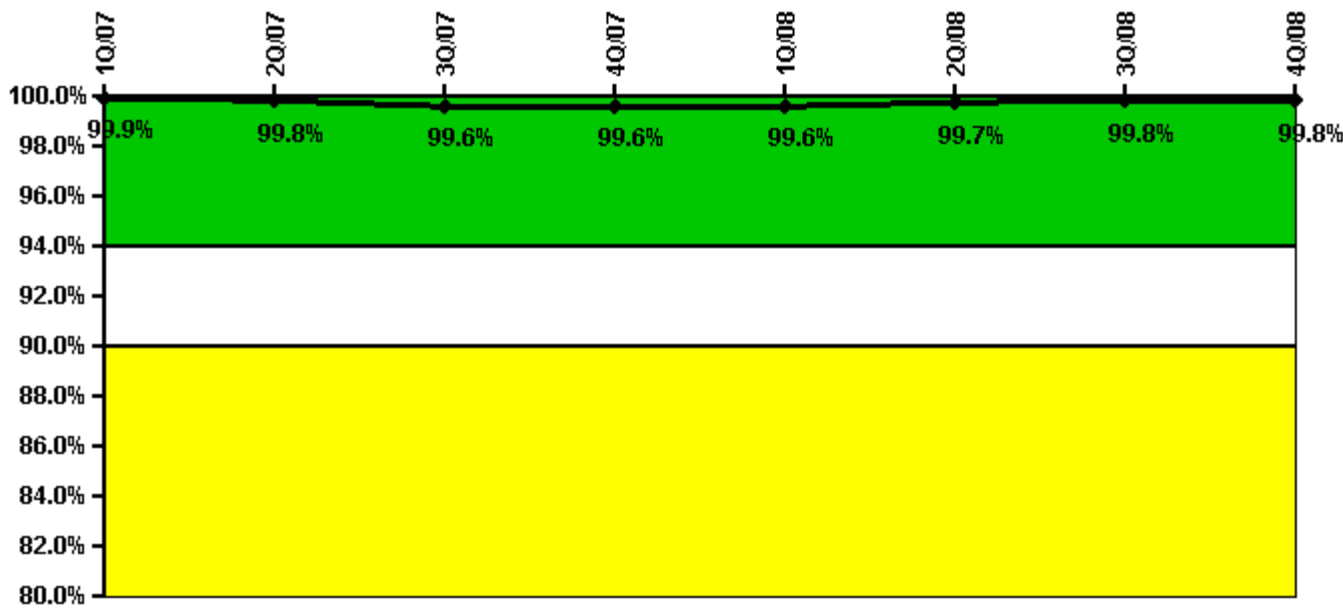
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Participating Key personnel	106.0	101.0	98.0	97.0	101.0	96.0	97.0	105.0
Total Key personnel	107.0	102.0	99.0	98.0	101.0	98.0	97.0	105.0
Indicator value	99.1%	99.0%	99.0%	99.0%	100.0%	98.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



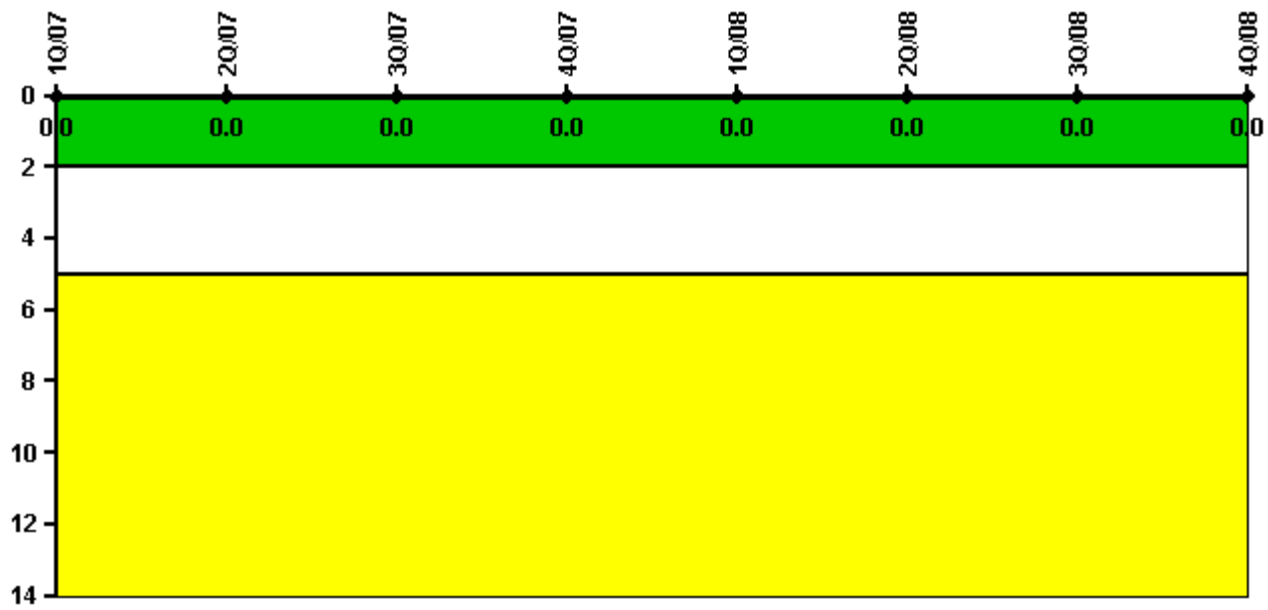
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Successful siren-tests	719	627	714	719	629	719	627	720
Total sirens-tests	720	630	720	720	630	720	630	720
Indicator value	99.9%	99.8%	99.6%	99.6%	99.6%	99.7%	99.8%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



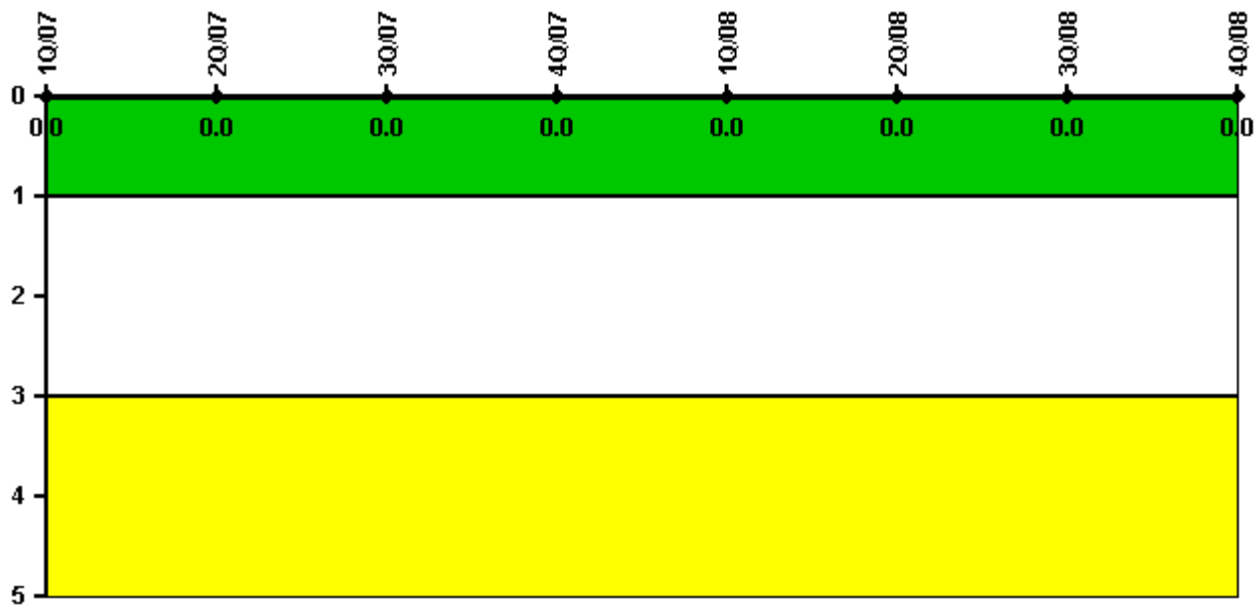
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
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	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

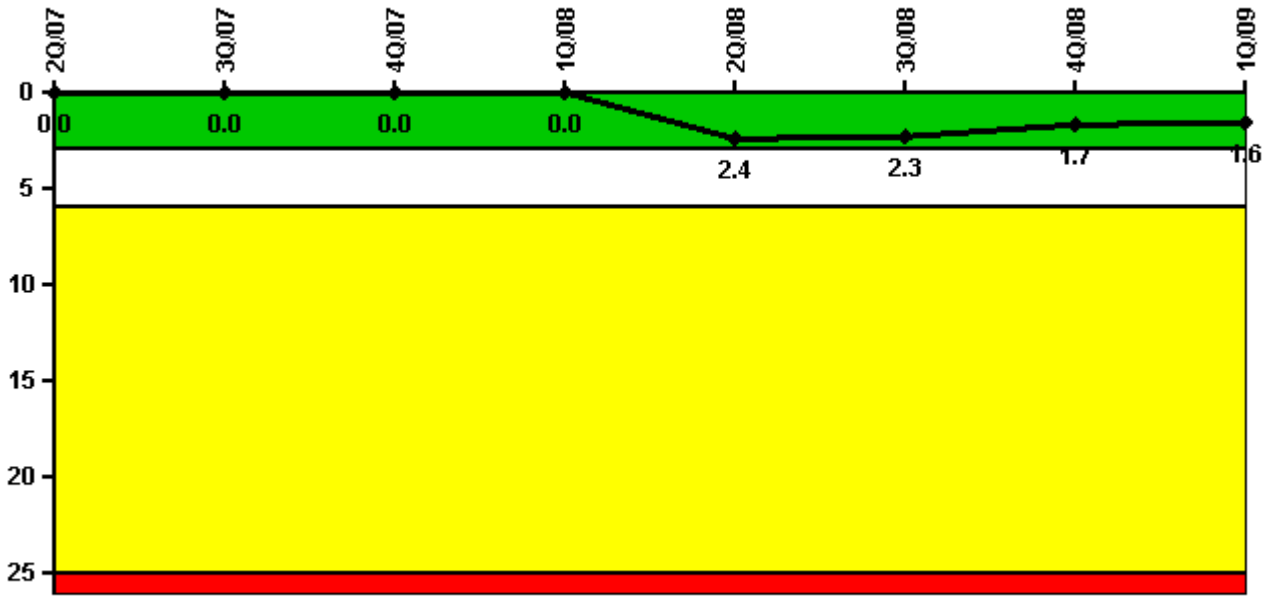
[Security](#) information not publicly available.

Saint Lucie 2

1Q/2009 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



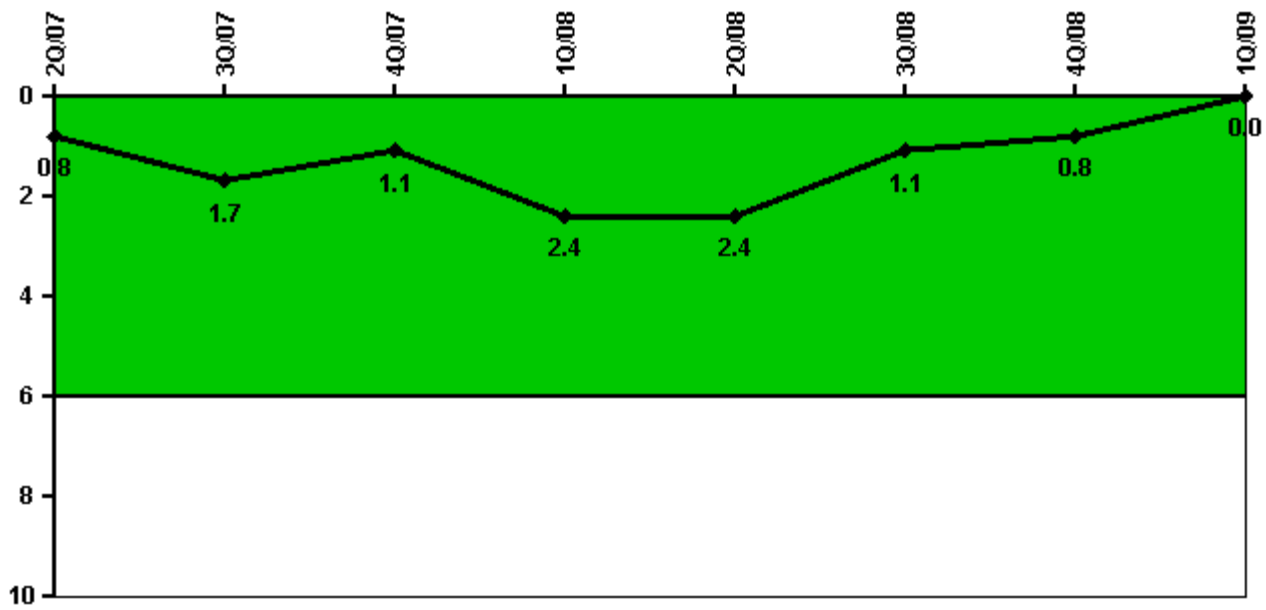
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Unplanned scrams	0	0	0	0	2.0	0	0	0
Critical hours	2184.0	1903.2	0	1861.5	2112.2	2208.0	2209.0	2159.0
Indicator value	0	0	0	0	2.4	2.3	1.7	1.6

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



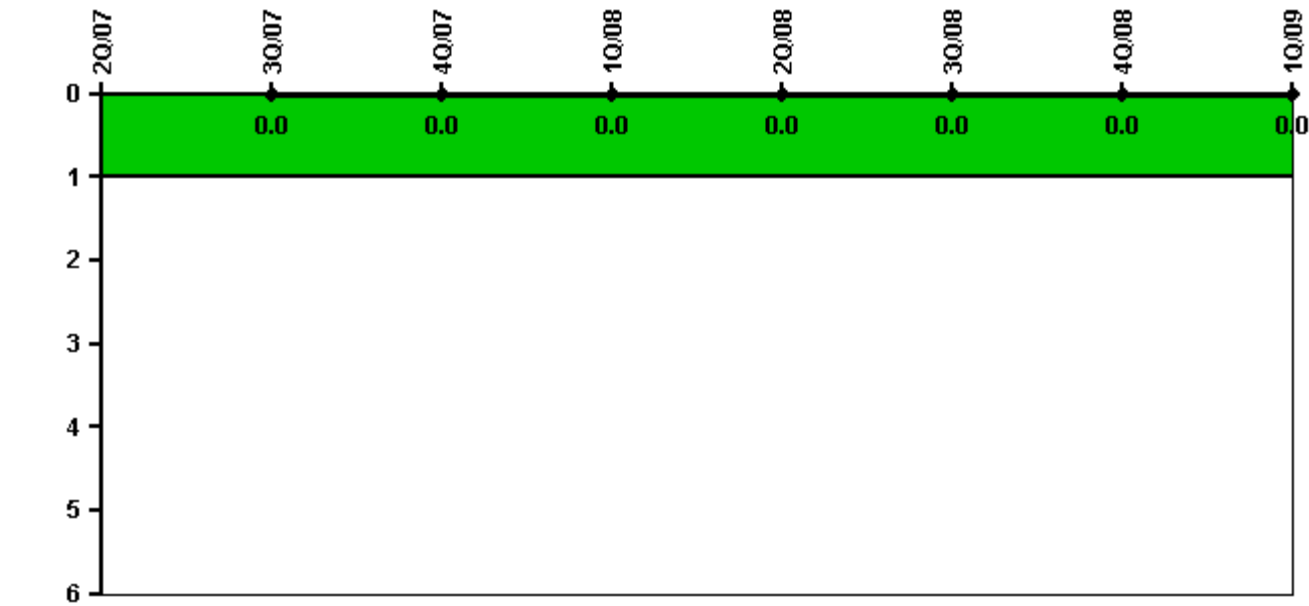
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Unplanned power changes	0	1.0	0	1.0	0	0	0	0
Critical hours	2184.0	1903.2	0	1861.5	2112.2	2208.0	2209.0	2159.0
Indicator value	0.8	1.7	1.1	2.4	2.4	1.1	0.8	0

Licensee Comments: none

Unplanned Scrams with Complications



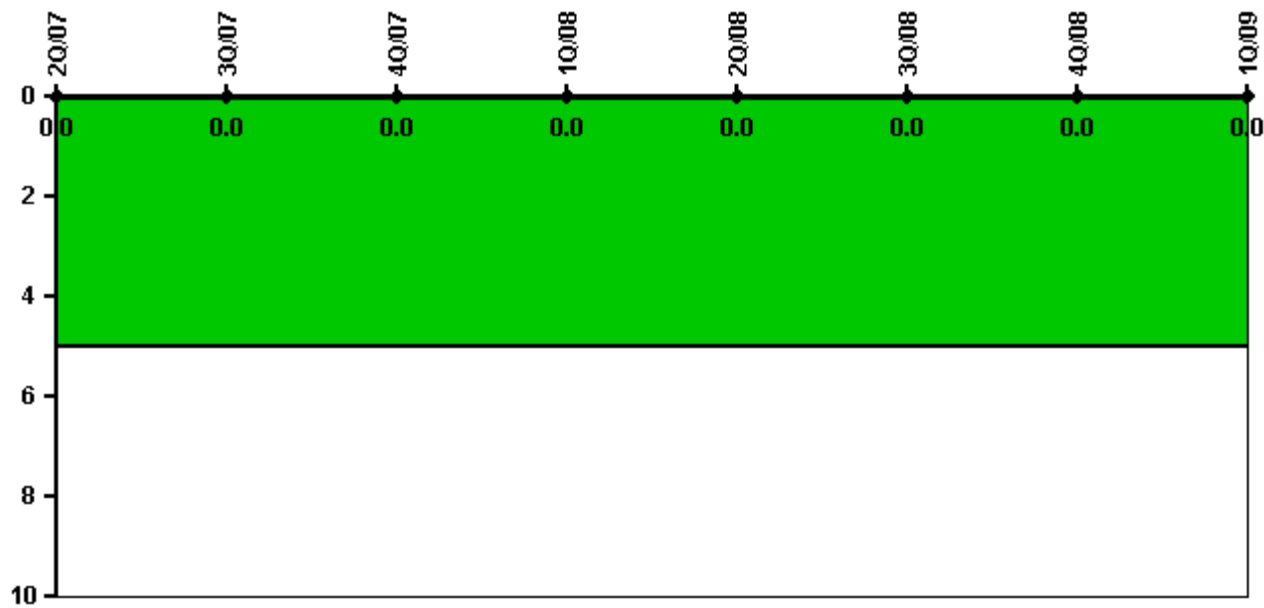
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
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

Licensee Comments: none

Safety System Functional Failures (PWR)

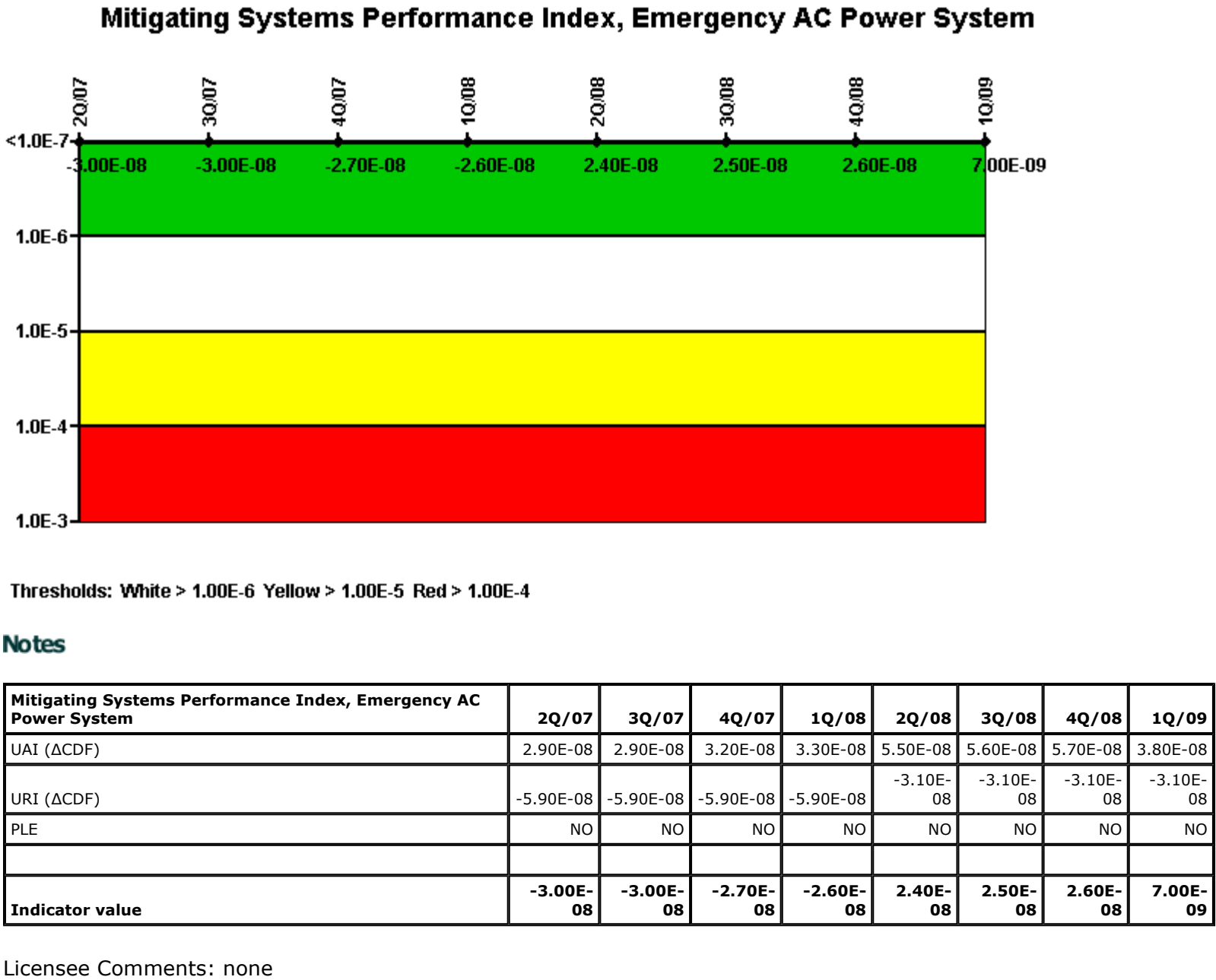


Thresholds: White > 5.0

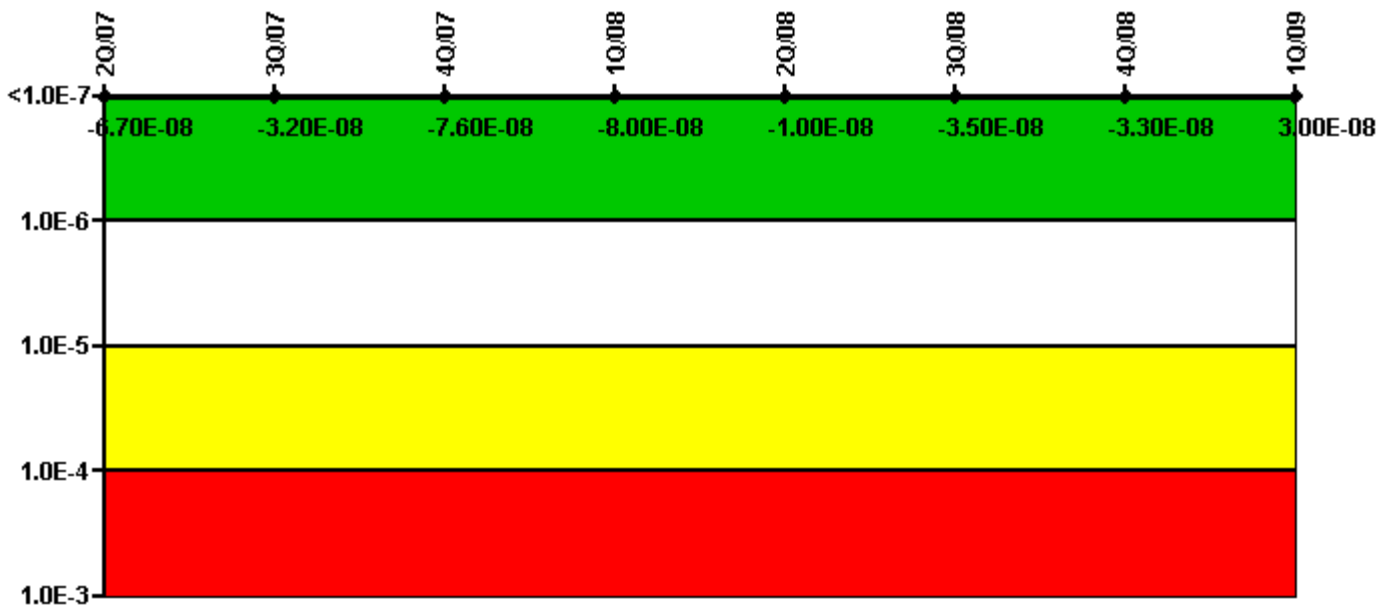
Notes

Safety System Functional Failures (PWR)	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none



Mitigating Systems Performance Index, High Pressure Injection System



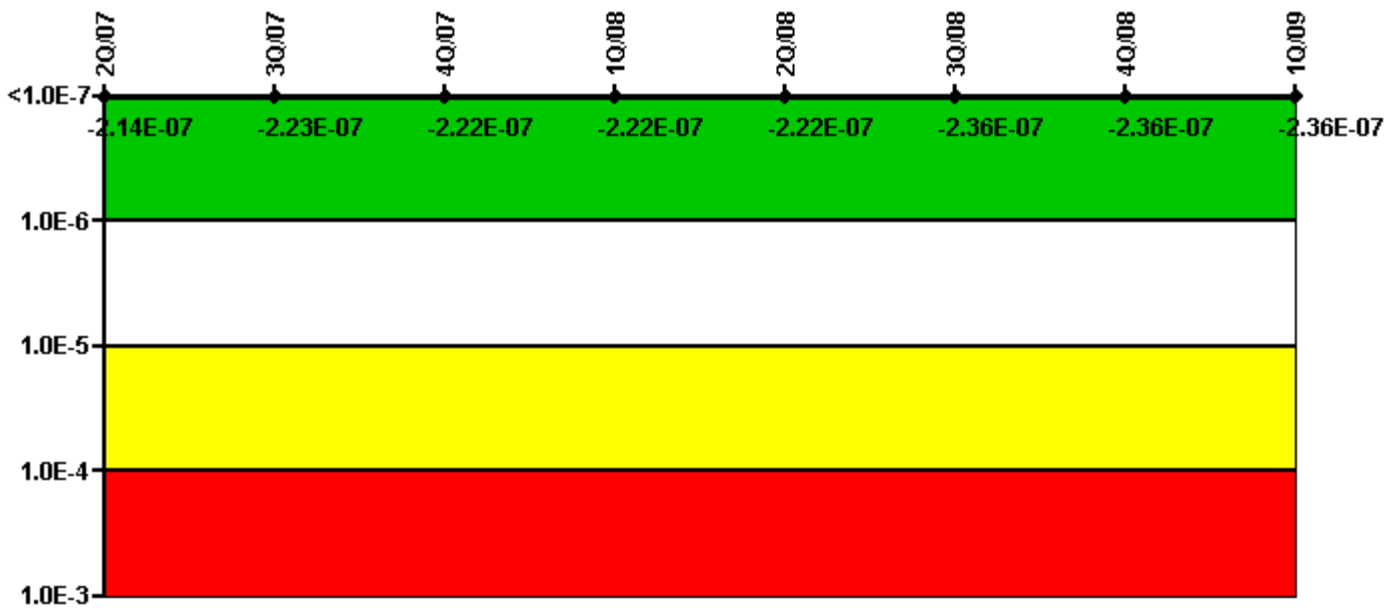
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI (ΔCDF)	6.30E-08	9.80E-08	5.40E-08	5.00E-08	1.20E-07	9.50E-08	9.70E-08	1.60E-07
URI (ΔCDF)	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.70E-08	-3.20E-08	-7.60E-08	-8.00E-08	-1.00E-08	-3.50E-08	-3.30E-08	3.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



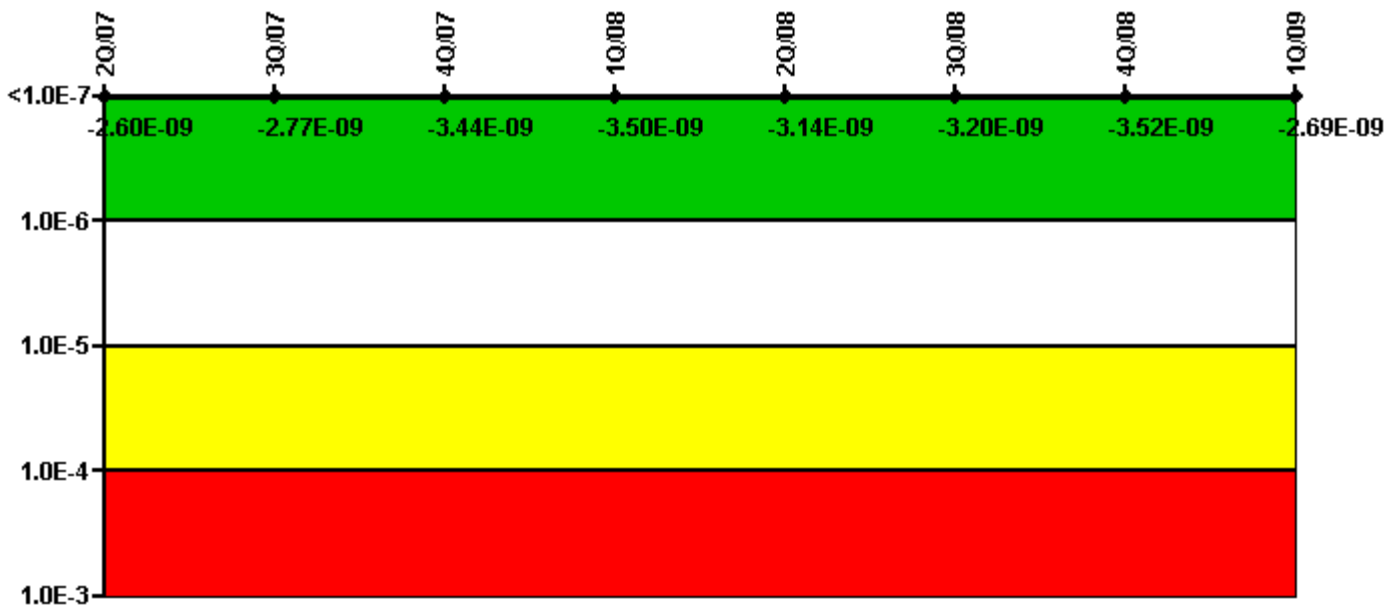
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI (ΔCDF)	-3.40E-08	-4.30E-08	-4.20E-08	-4.20E-08	-4.20E-08	-5.60E-08	-5.60E-08	-5.60E-08
URI (ΔCDF)	-1.80E-07	-1.80E-07	-1.80E-07	-1.80E-07	-1.80E-07	-1.80E-07	-1.80E-07	-1.80E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.14E-07	-2.23E-07	-2.22E-07	-2.22E-07	-2.22E-07	-2.36E-07	-2.36E-07	-2.36E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



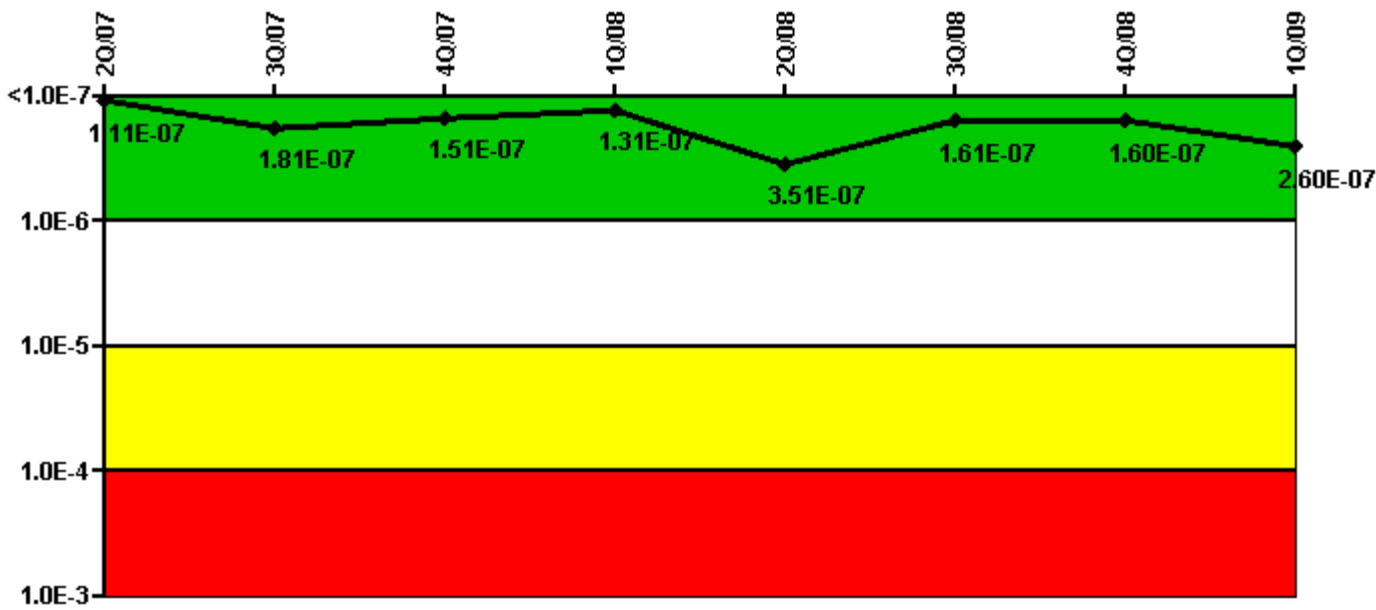
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI (ΔCDF)	6.00E-10	4.30E-10	-2.40E-10	-3.00E-10	6.40E-11	4.80E-12	-3.20E-10	5.10E-10
URI (ΔCDF)	-3.20E-09	-3.20E-09	-3.20E-09	-3.20E-09	-3.20E-09	-3.20E-09	-3.20E-09	-3.20E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.60E-09	-2.77E-09	-3.44E-09	-3.50E-09	-3.14E-09	-3.20E-09	-3.52E-09	-2.69E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



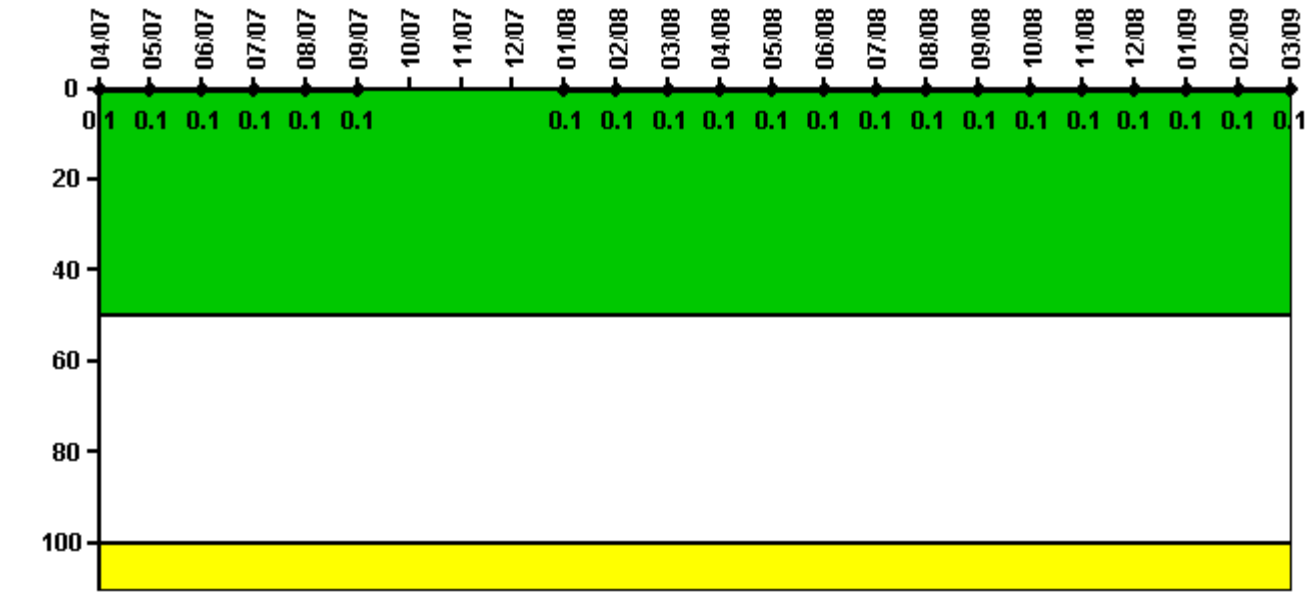
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI (ΔCDF)	1.20E-07	1.90E-07	1.60E-07	1.40E-07	3.60E-07	1.70E-07	1.70E-07	2.70E-07
URI (ΔCDF)	-9.00E-09	-9.00E-09	-9.00E-09	-9.00E-09	-9.00E-09	-9.00E-09	-1.00E-08	-1.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.11E-07	1.81E-07	1.51E-07	1.31E-07	3.51E-07	1.61E-07	1.60E-07	2.60E-07

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

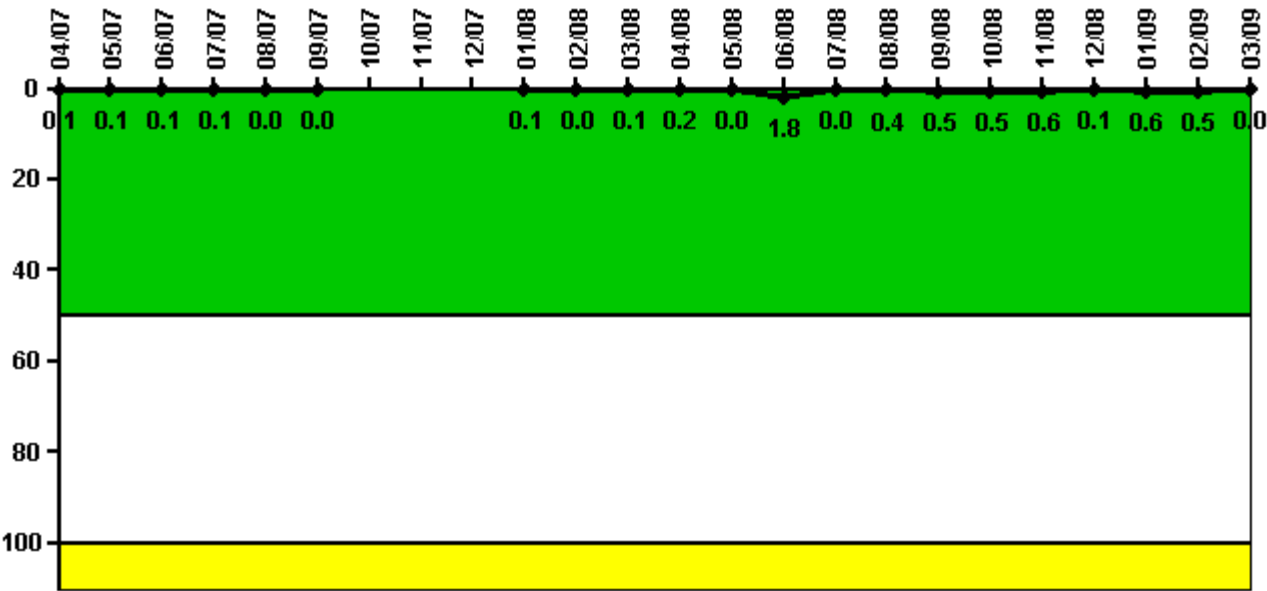
Notes

Reactor Coolant System Activity	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08
Maximum activity	0.000770	0.000821	0.000859	0.000920	0.000906	0.000956	N/A	N/A	N/A	0.000618	0.000533	0.000586
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	N/A	N/A	N/A	0.1	0.1	0.1

Reactor Coolant System Activity	4/08	5/08	6/08	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09
Maximum activity	0.000550	0.000604	0.000605	0.000630	0.000668	0.000669	0.000660	0.000690	0.000690	0.000694	0.000733	0.000785
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
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

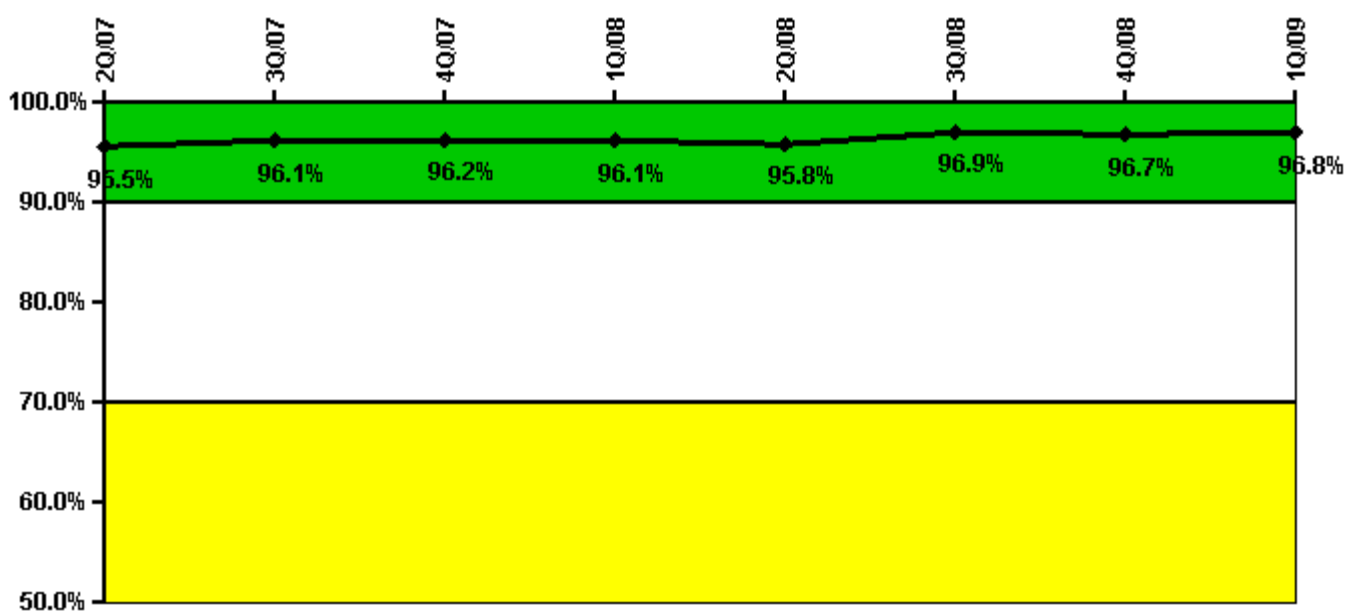
Notes

Reactor Coolant System Leakage	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08
Maximum leakage	0.005	0.005	0.008	0.005	0	0	N/A	N/A	N/A	0.008	0	0.009
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.1	0.1	0.1	0	0	N/A	N/A	N/A	0.1	0	0.1

Reactor Coolant System Leakage	4/08	5/08	6/08	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09
Maximum leakage	0.020	0.002	0.180	0.002	0.040	0.050	0.050	0.060	0.010	0.060	0.050	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0	1.8	0	0.4	0.5	0.5	0.6	0.1	0.6	0.5	0

Licensee Comments: none

Drill/Exercise Performance



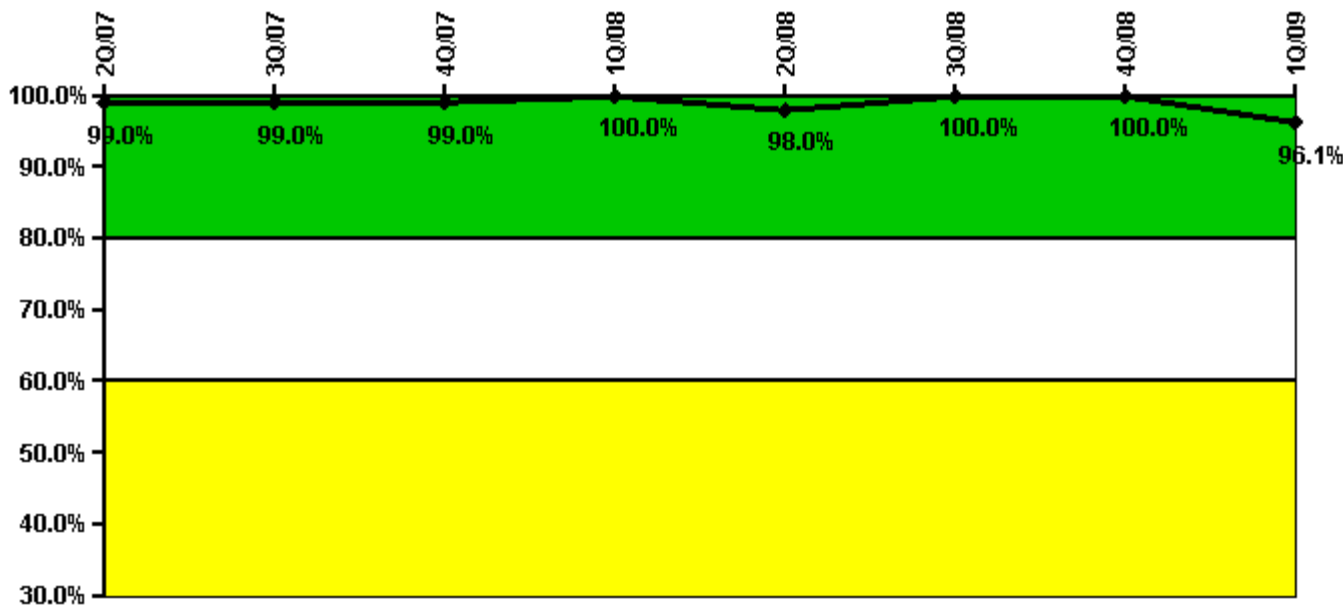
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Successful opportunities	38.0	88.0	2.0	68.0	48.0	68.0	16.0	39.0
Total opportunities	39.0	90.0	2.0	72.0	51.0	69.0	17.0	39.0
Indicator value	95.5%	96.1%	96.2%	96.1%	95.8%	96.9%	96.7%	96.8%

Licensee Comments: none

ERO Drill Participation



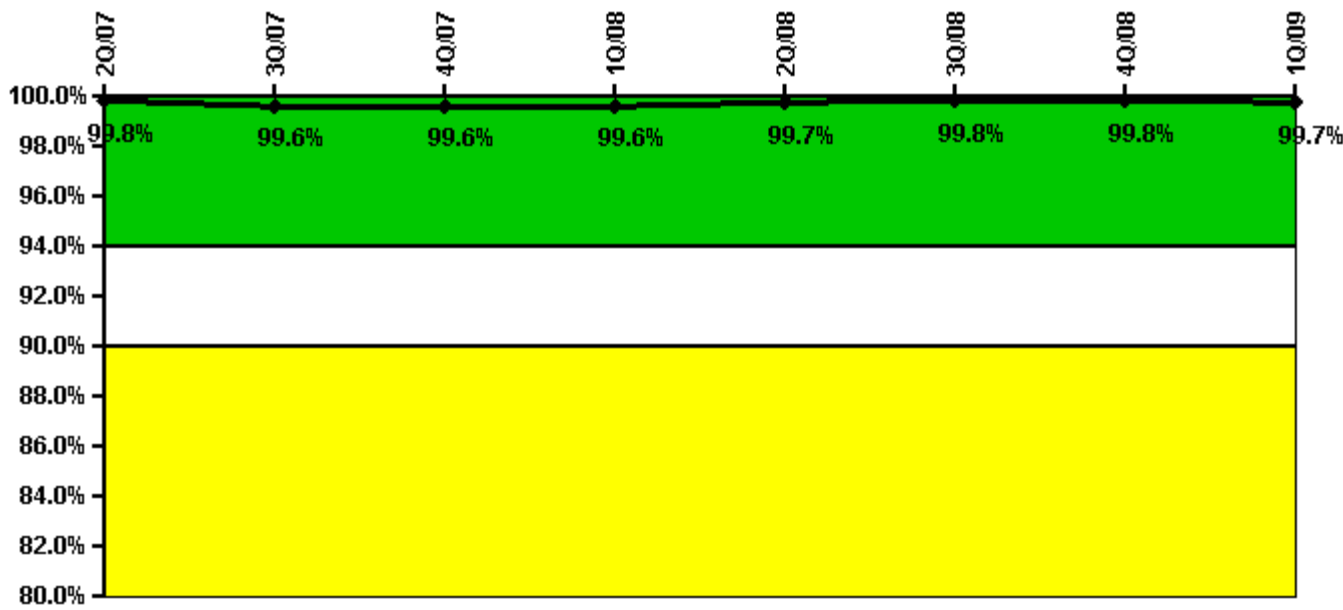
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Participating Key personnel	101.0	98.0	97.0	101.0	96.0	97.0	103.0	99.0
Total Key personnel	102.0	99.0	98.0	101.0	98.0	97.0	103.0	103.0
Indicator value	99.0%	99.0%	99.0%	100.0%	98.0%	100.0%	100.0%	96.1%

Licensee Comments: none

Alert & Notification System



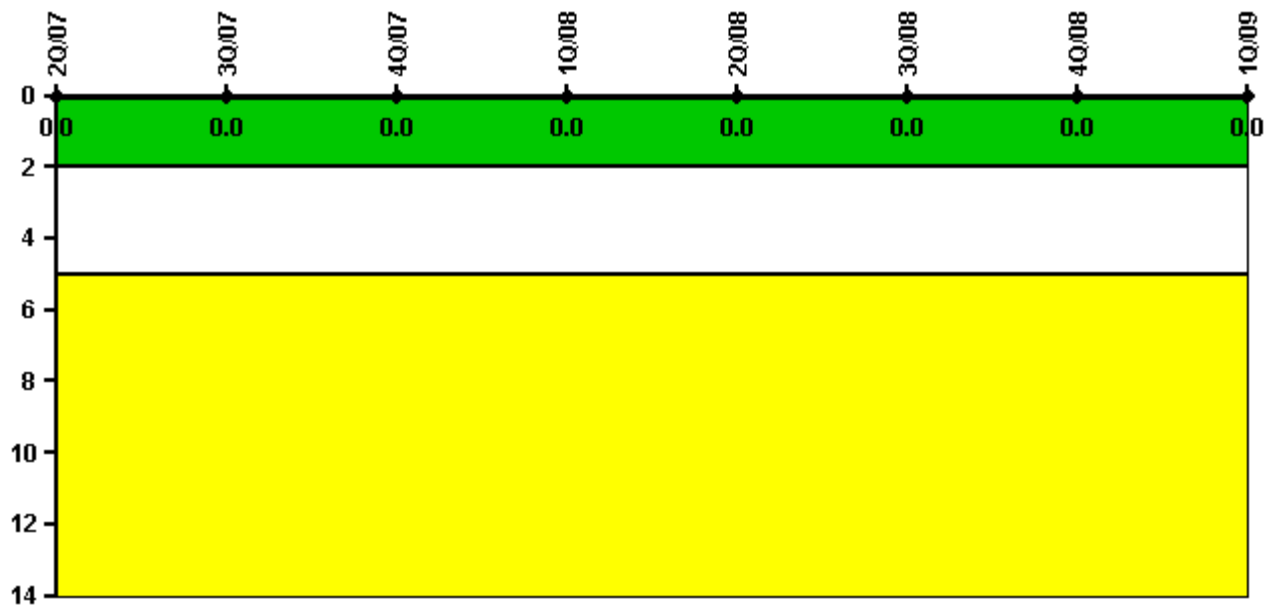
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Successful siren-tests	627	714	719	629	719	627	720	626
Total sirens-tests	630	720	720	630	720	630	720	630
Indicator value	99.8%	99.6%	99.6%	99.6%	99.7%	99.8%	99.8%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



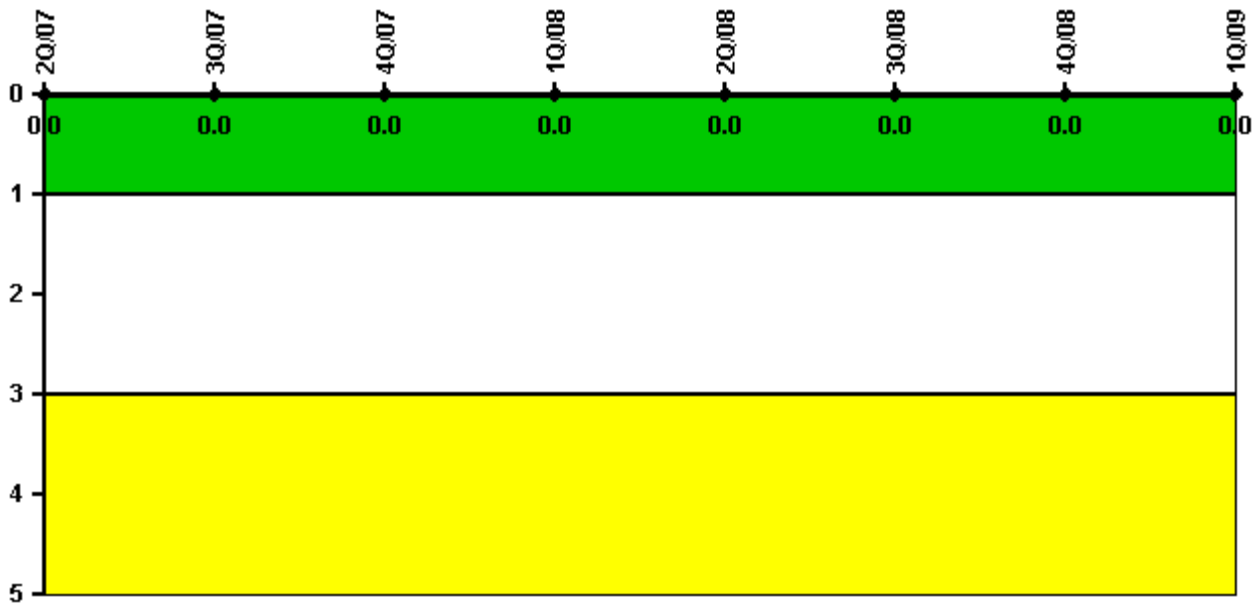
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
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/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

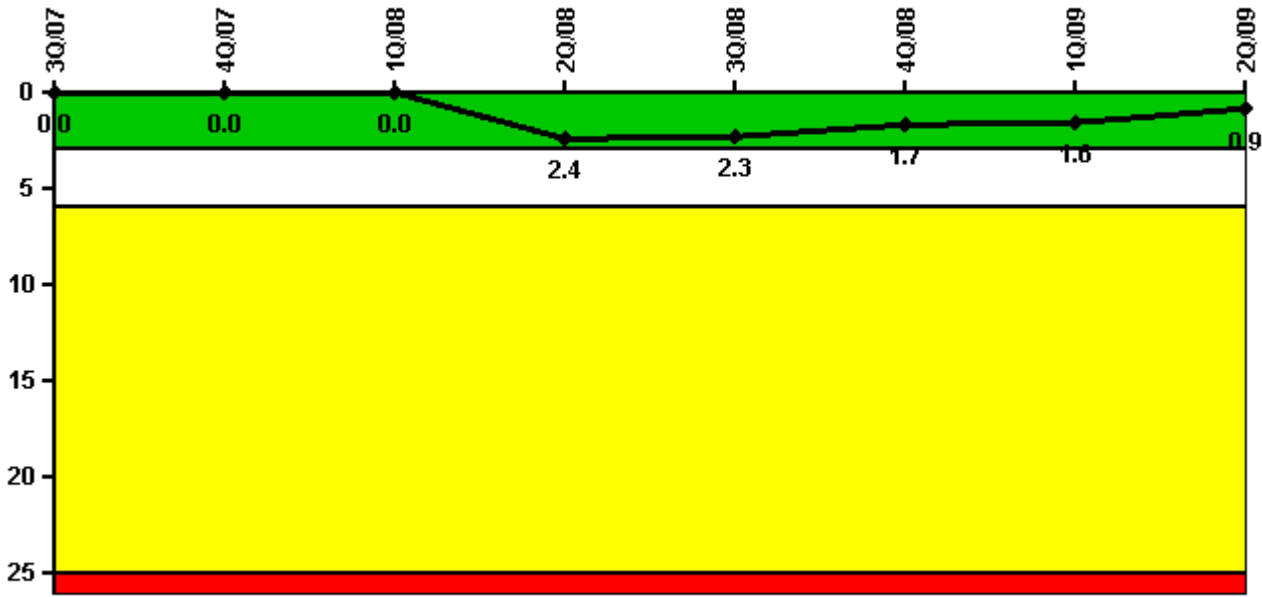
[Security](#) information not publicly available.

Saint Lucie 2

2Q/2009 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



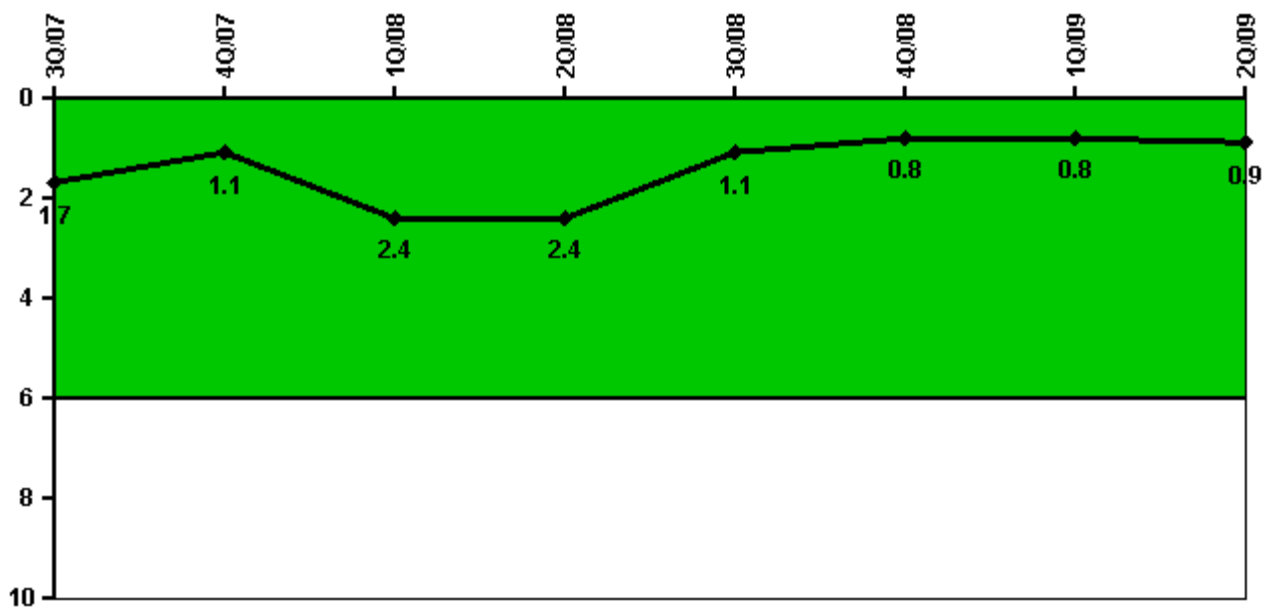
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Unplanned scrams	0	0	0	2.0	0	0	0	1.0
Critical hours	1903.2	0	1861.5	2112.2	2208.0	2209.0	2159.0	1018.6
Indicator value	0	0	0	2.4	2.3	1.7	1.6	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

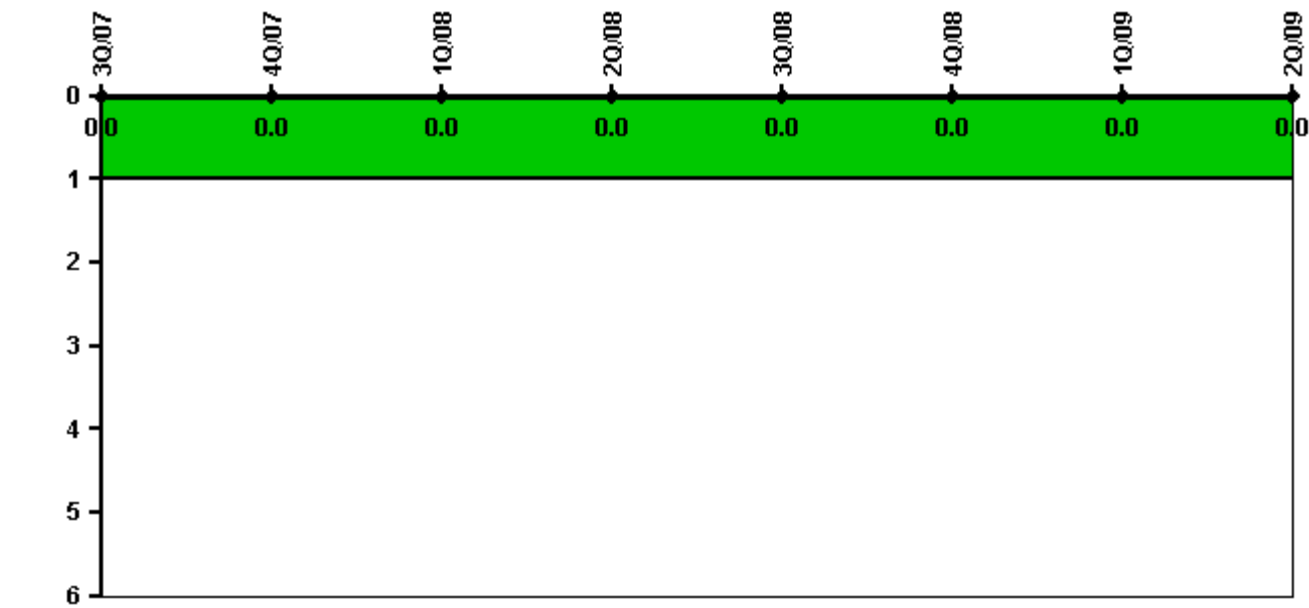
Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Unplanned power changes	1.0	0	1.0	0	0	0	1.0	0
Critical hours	1903.2	0	1861.5	2112.2	2208.0	2209.0	2159.0	1018.6
Indicator value	1.7	1.1	2.4	2.4	1.1	0.8	0.8	0.9

Licensee Comments:

1Q/09: Correction made to Unit 2 unplanned power changes, 1Q/2009 submittal did not enter the March 5 unplanned 40% downpower caused by a TCW pump failure

Unplanned Scrams with Complications



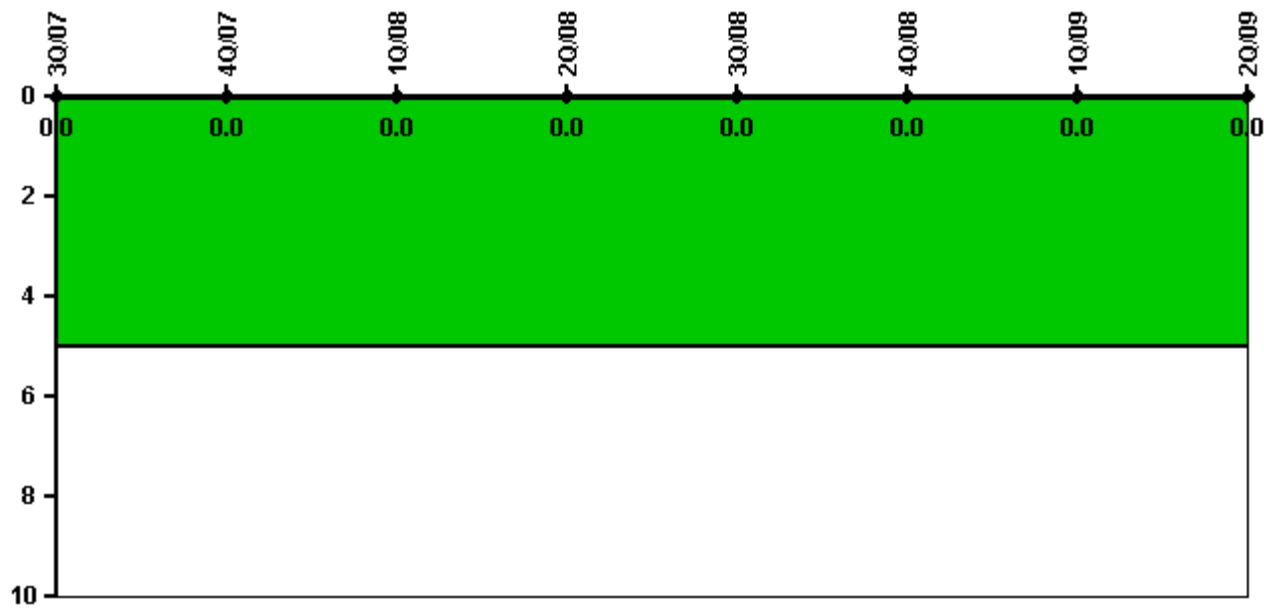
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
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 (PWR)

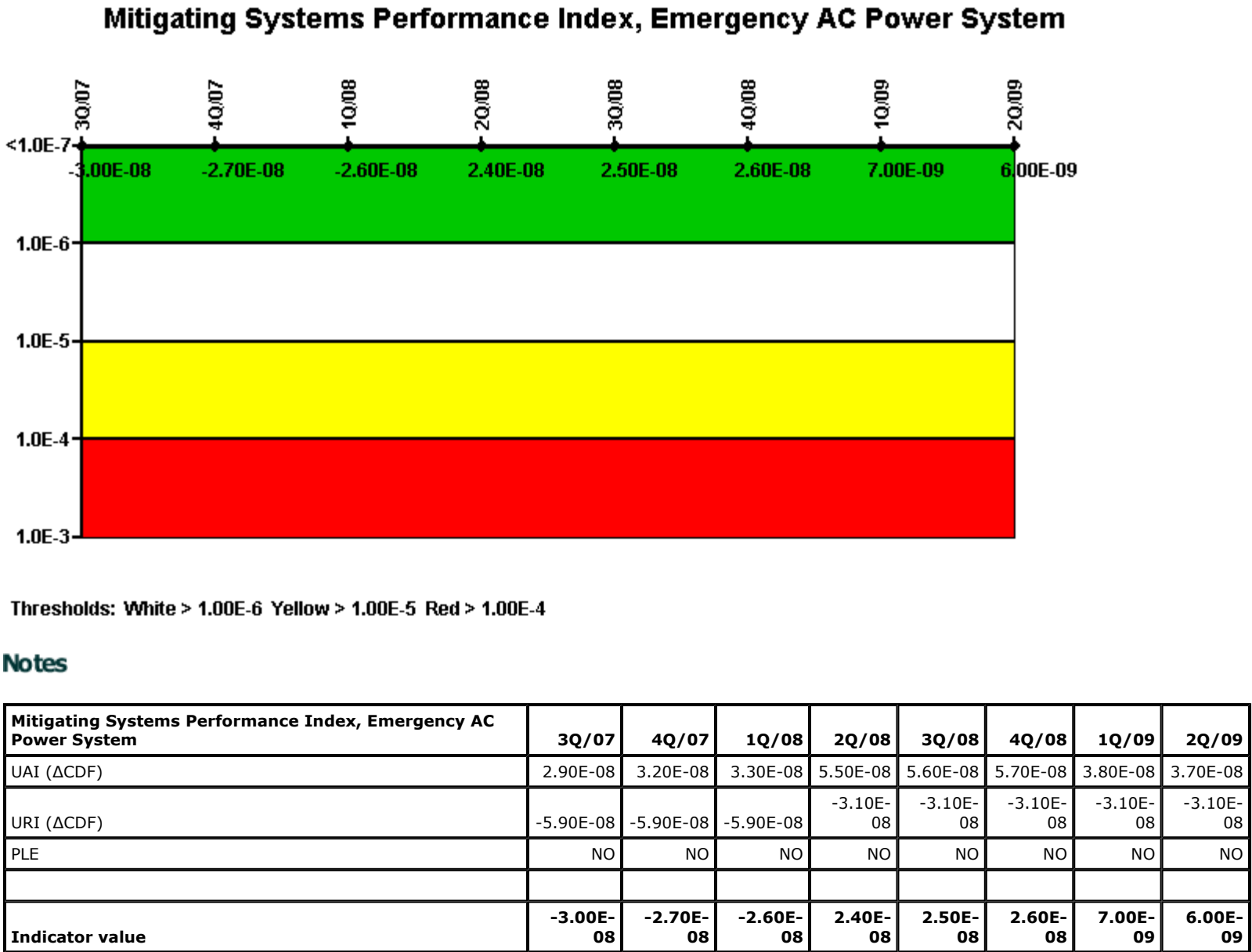


Thresholds: White > 5.0

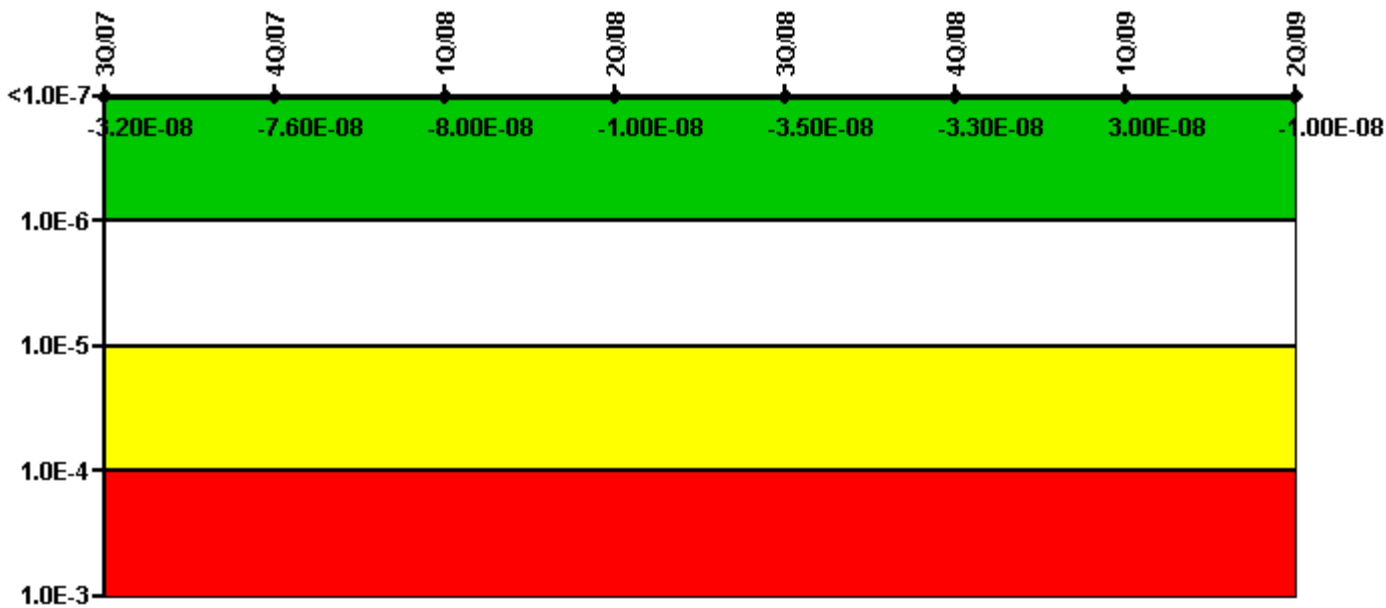
Notes

Safety System Functional Failures (PWR)	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none



Mitigating Systems Performance Index, High Pressure Injection System



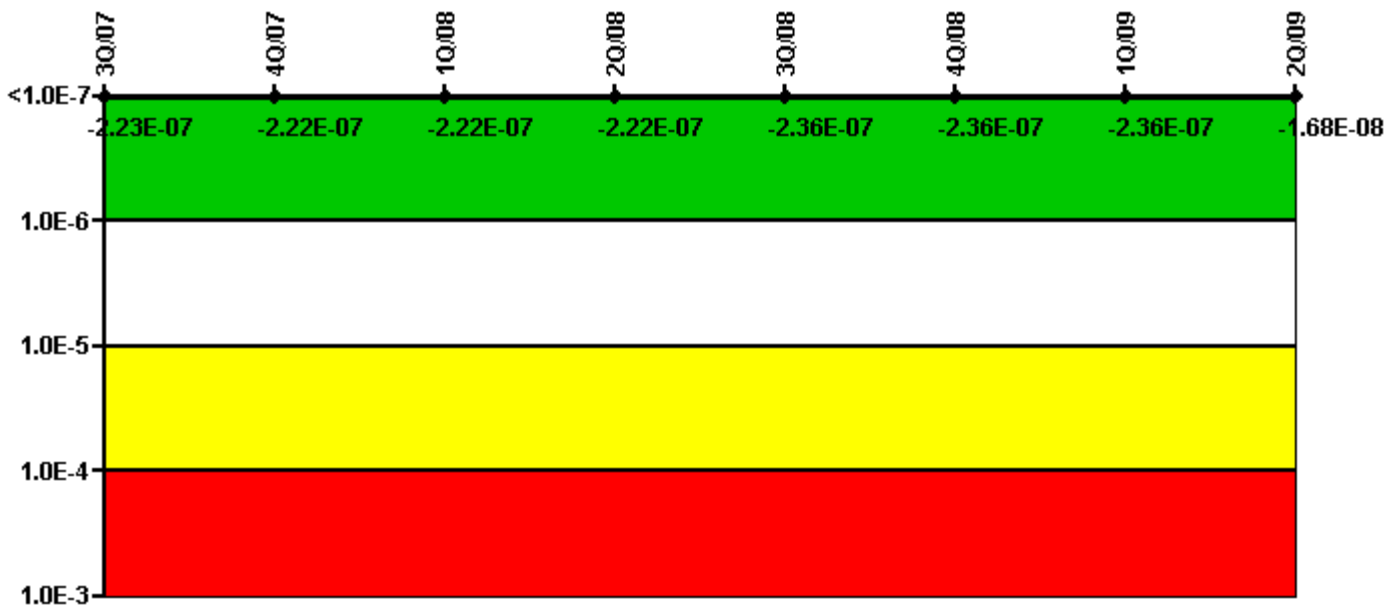
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
UAI (ΔCDF)	9.80E-08	5.40E-08	5.00E-08	1.20E-07	9.50E-08	9.70E-08	1.60E-07	1.20E-07
URI (ΔCDF)	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.20E-08	-7.60E-08	-8.00E-08	-1.00E-08	-3.50E-08	-3.30E-08	3.00E-08	-1.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



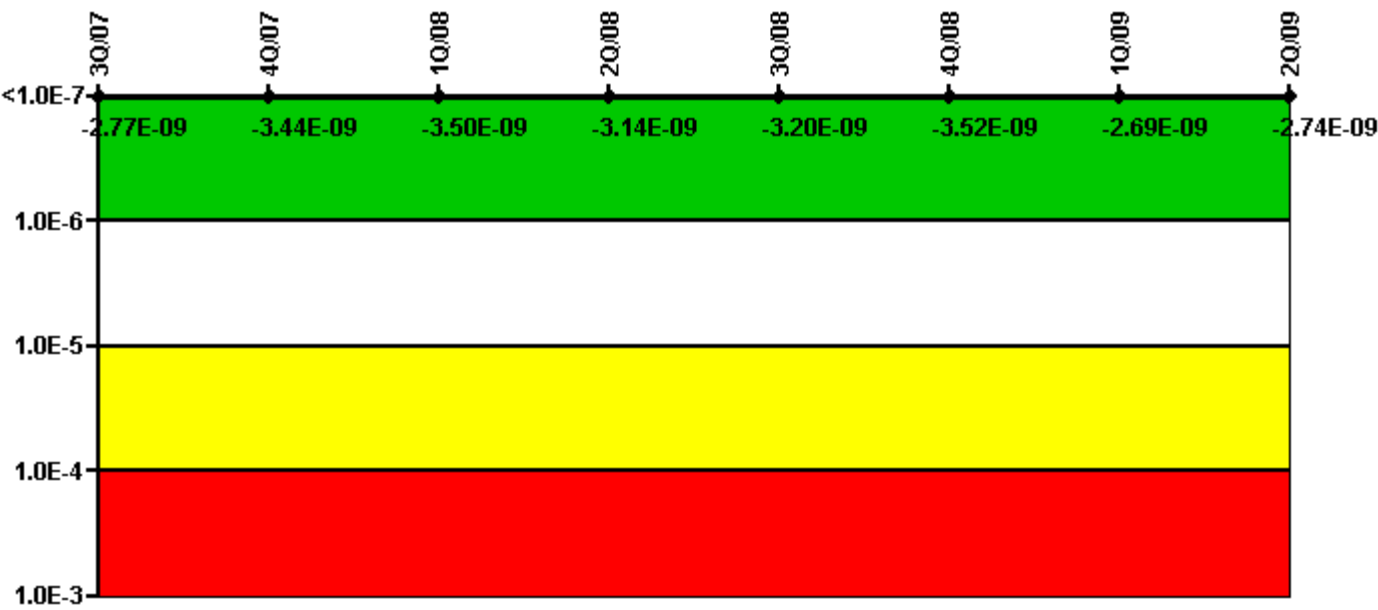
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
UAI (ΔCDF)	-4.30E-08	-4.20E-08	-4.20E-08	-4.20E-08	-5.60E-08	-5.60E-08	-5.60E-08	-2.10E-08
URI (ΔCDF)	-1.80E-07	-1.80E-07	-1.80E-07	-1.80E-07	-1.80E-07	-1.80E-07	-1.80E-07	4.20E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.23E-07	-2.22E-07	-2.22E-07	-2.22E-07	-2.36E-07	-2.36E-07	-2.36E-07	-1.68E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



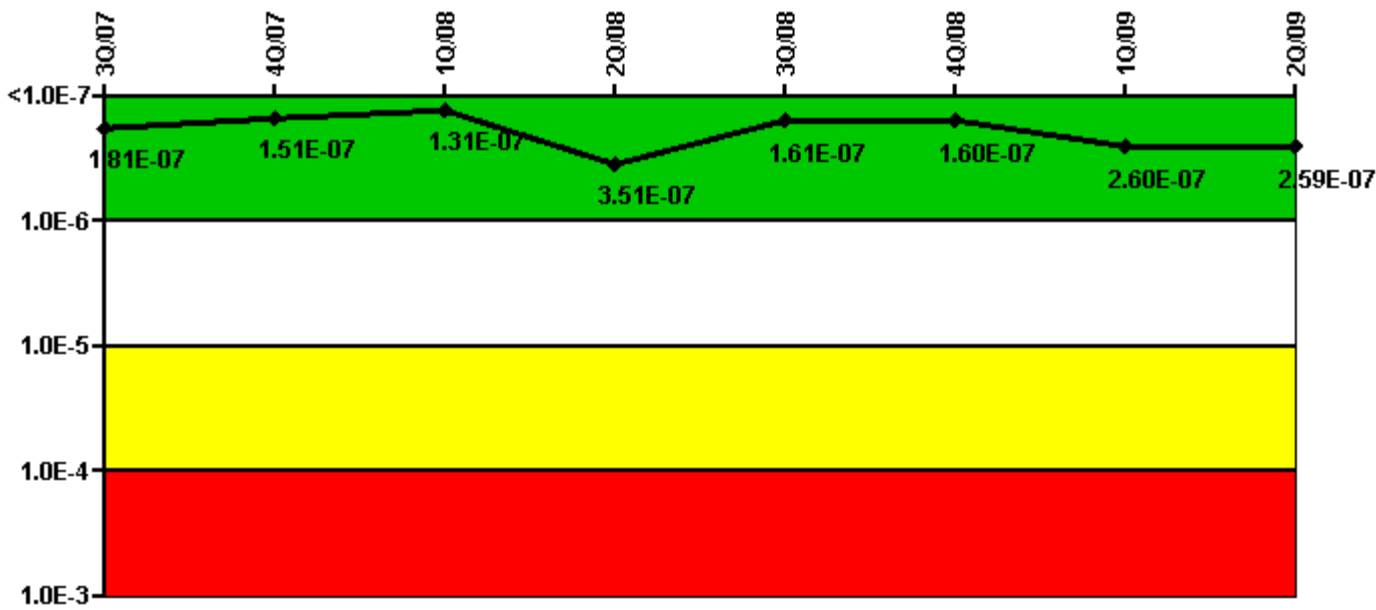
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
UAI (ΔCDF)	4.30E-10	-2.40E-10	-3.00E-10	6.40E-11	4.80E-12	-3.20E-10	5.10E-10	4.60E-10
URI (ΔCDF)	-3.20E-09	-3.20E-09	-3.20E-09	-3.20E-09	-3.20E-09	-3.20E-09	-3.20E-09	-3.20E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.77E-09	-3.44E-09	-3.50E-09	-3.14E-09	-3.20E-09	-3.52E-09	-2.69E-09	-2.74E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



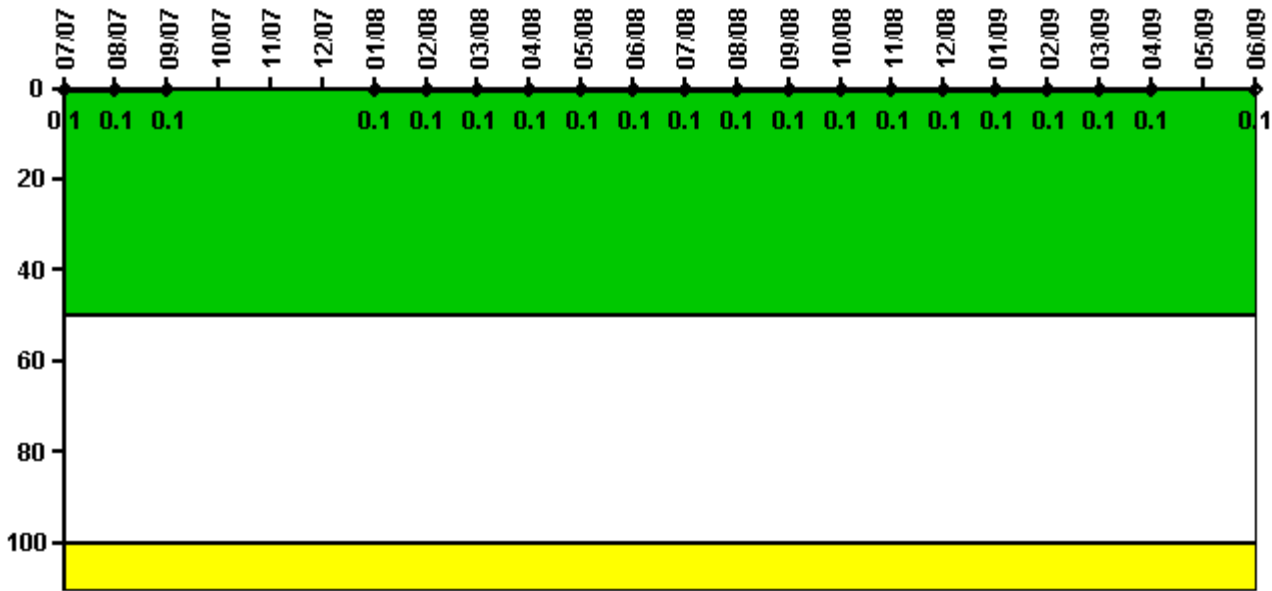
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
UAI (ΔCDF)	1.90E-07	1.60E-07	1.40E-07	3.60E-07	1.70E-07	1.70E-07	2.70E-07	2.70E-07
URI (ΔCDF)	-9.00E-09	-9.00E-09	-9.00E-09	-9.00E-09	-9.00E-09	-1.00E-08	-1.00E-08	-1.10E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.81E-07	1.51E-07	1.31E-07	3.51E-07	1.61E-07	1.60E-07	2.60E-07	2.59E-07

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

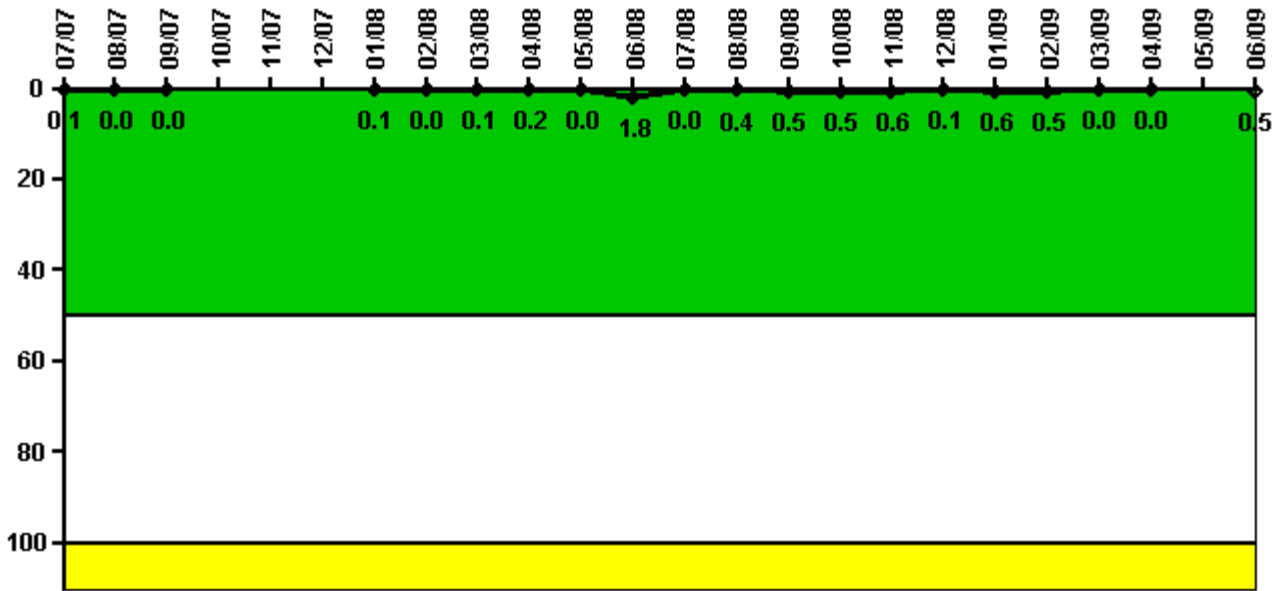
Notes

Reactor Coolant System Activity	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08
Maximum activity	0.000920	0.000906	0.000956	N/A	N/A	N/A	0.000618	0.000533	0.000586	0.000550	0.000604	0.000605
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	N/A	N/A	N/A	0.1	0.1	0.1	0.1	0.1	0.1

Reactor Coolant System Activity	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09	4/09	5/09	6/09
Maximum activity	0.000630	0.000668	0.000669	0.000660	0.000690	0.000690	0.000694	0.000733	0.000785	0.001330	N/A	0.000809
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	N/A	0.1

Licensee Comments: none

Reactor Coolant System Leakage



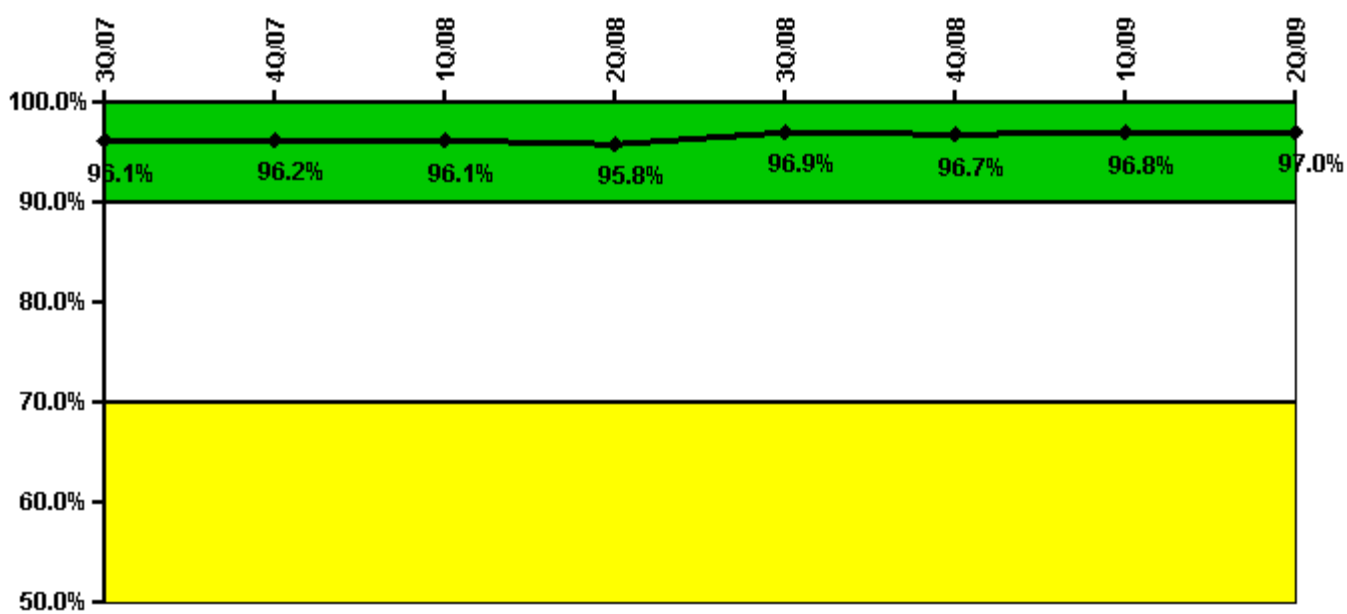
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08
Maximum leakage	0.005	0	0	N/A	N/A	N/A	0.008	0	0.009	0.020	0.002	0.180
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0	0	N/A	N/A	N/A	0.1	0	0.1	0.2	0	1.8
Reactor Coolant System Leakage	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09	4/09	5/09	6/09
Maximum leakage	0.002	0.040	0.050	0.050	0.060	0.010	0.060	0.050	0	0	N/A	0.053
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0.4	0.5	0.5	0.6	0.1	0.6	0.5	0	0	N/A	0.5

Licensee Comments: none

Drill/Exercise Performance



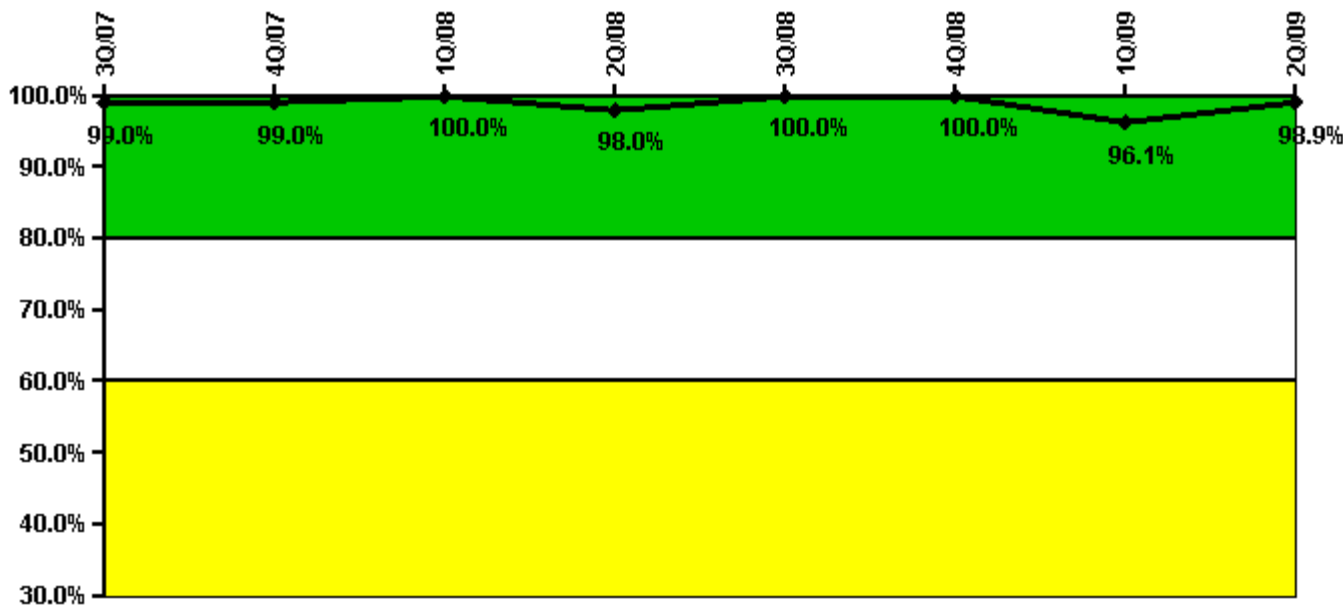
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Successful opportunities	88.0	2.0	68.0	48.0	68.0	16.0	39.0	26.0
Total opportunities	90.0	2.0	72.0	51.0	69.0	17.0	39.0	26.0
Indicator value	96.1%	96.2%	96.1%	95.8%	96.9%	96.7%	96.8%	97.0%

Licensee Comments: none

ERO Drill Participation



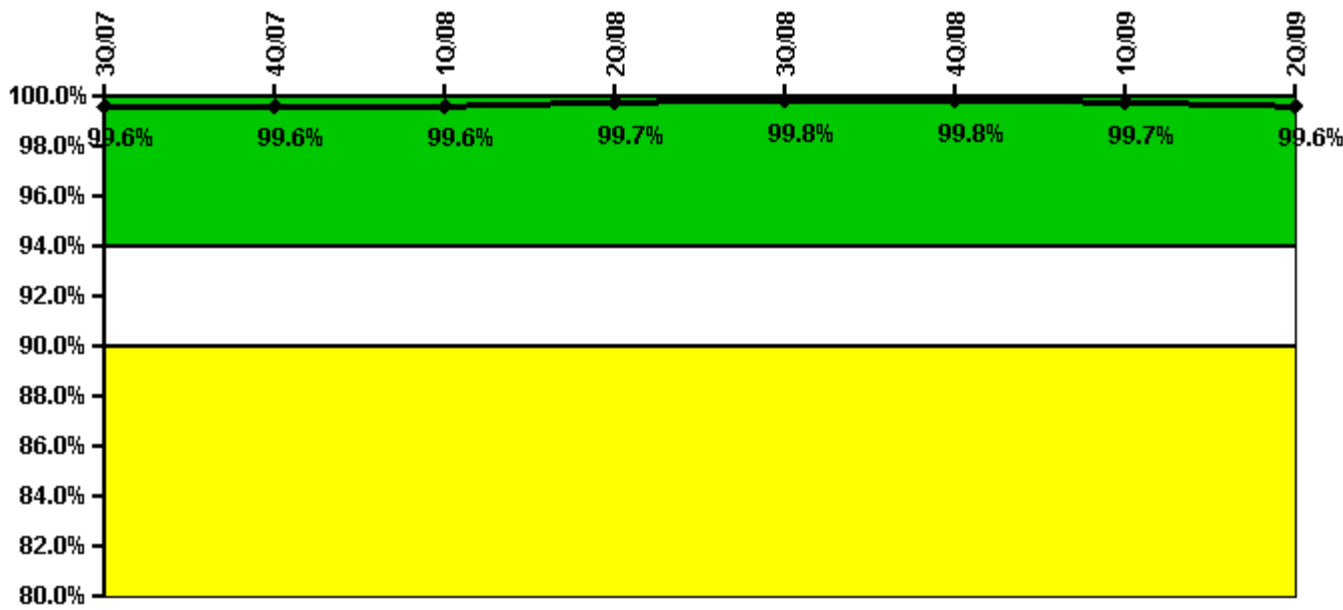
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Participating Key personnel	98.0	97.0	101.0	96.0	97.0	103.0	99.0	93.0
Total Key personnel	99.0	98.0	101.0	98.0	97.0	103.0	103.0	94.0
Indicator value	99.0%	99.0%	100.0%	98.0%	100.0%	100.0%	96.1%	98.9%

Licensee Comments: none

Alert & Notification System



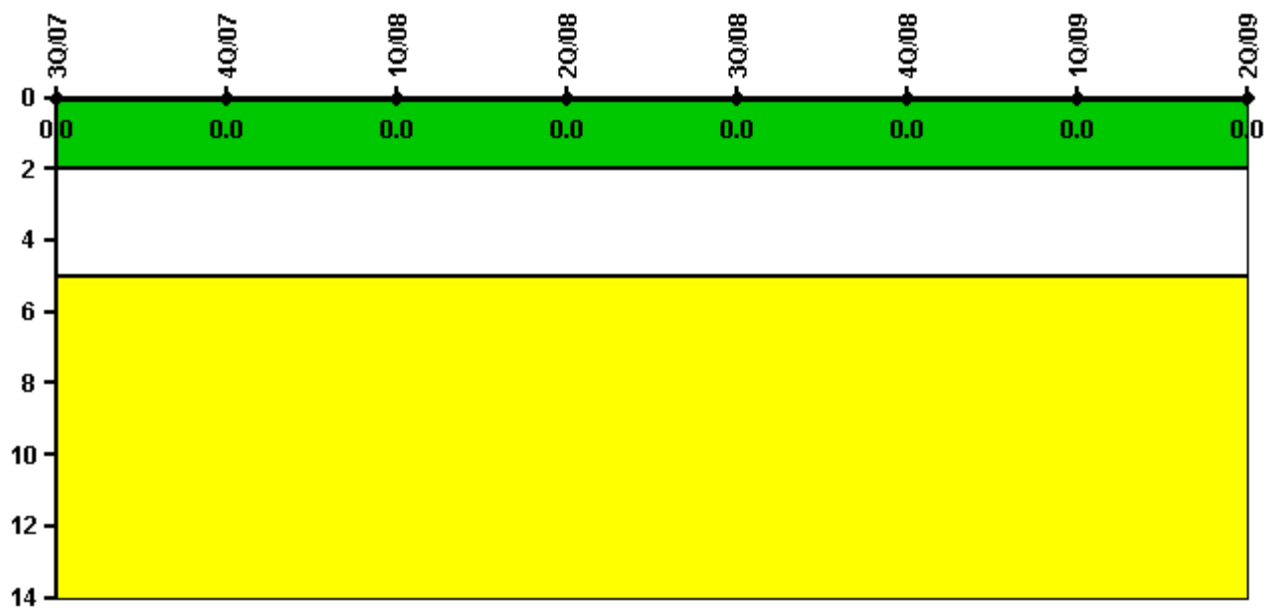
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Successful siren-tests	714	719	629	719	627	720	626	717
Total sirens-tests	720	720	630	720	630	720	630	720
Indicator value	99.6%	99.6%	99.6%	99.7%	99.8%	99.8%	99.7%	99.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness



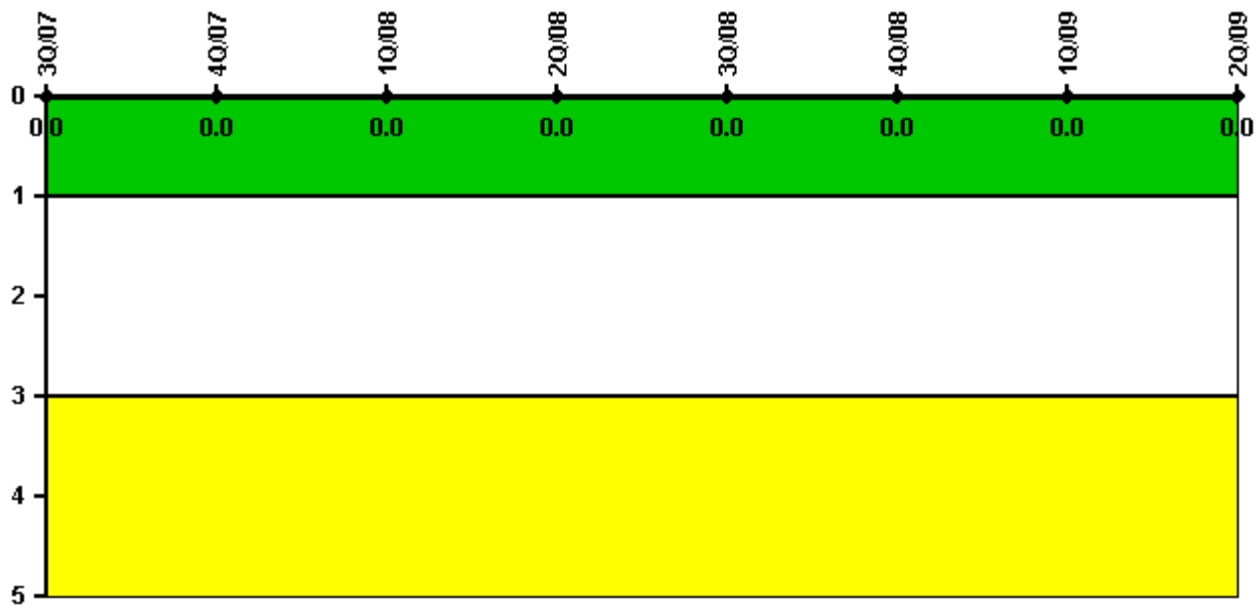
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
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/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

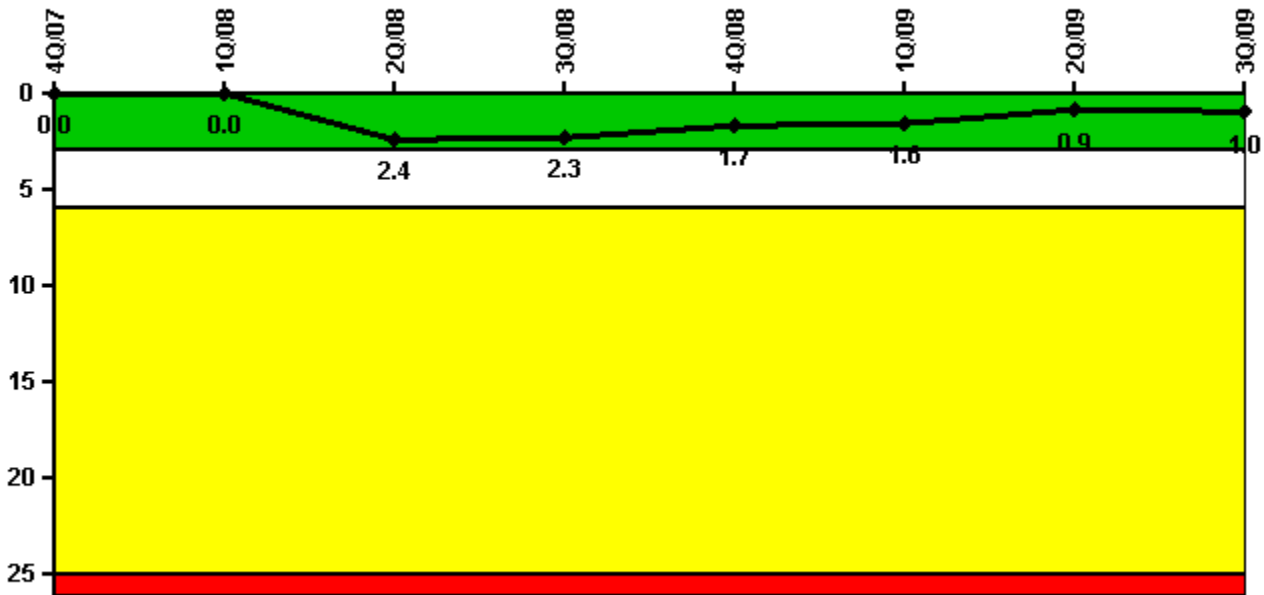
[Security](#) information not publicly available.

Saint Lucie 2

3Q/2009 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



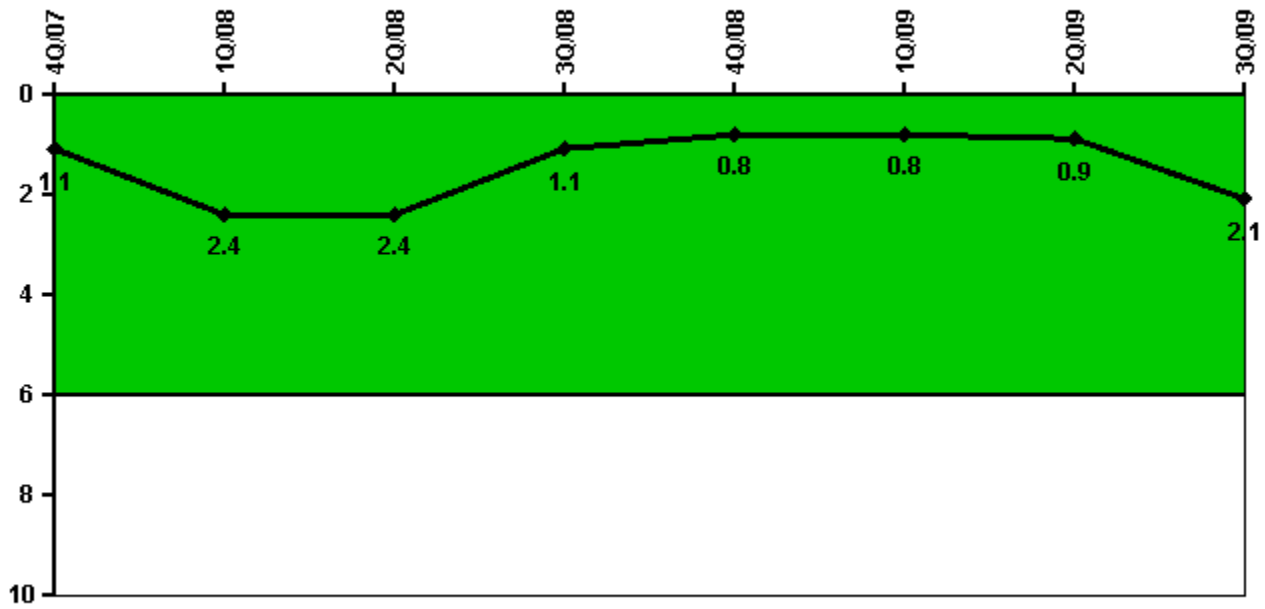
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Unplanned scrams	0	0	2.0	0	0	0	1.0	0
Critical hours	0	1861.5	2112.2	2208.0	2209.0	2159.0	1018.6	1402.9
Indicator value	0	0	2.4	2.3	1.7	1.6	0.9	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



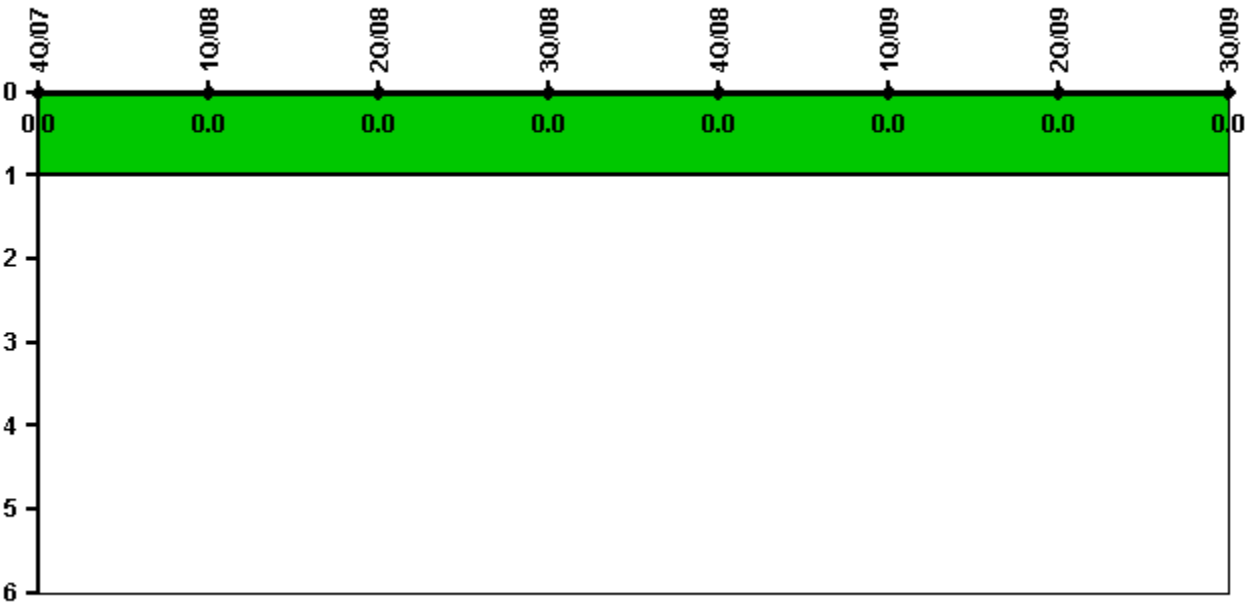
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Unplanned power changes	0	1.0	0	0	0	1.0	0	1.0
Critical hours	0	1861.5	2112.2	2208.0	2209.0	2159.0	1018.6	1402.9
Indicator value	1.1	2.4	2.4	1.1	0.8	0.8	0.9	2.1

Licensee Comments: none

Unplanned Scrams with Complications



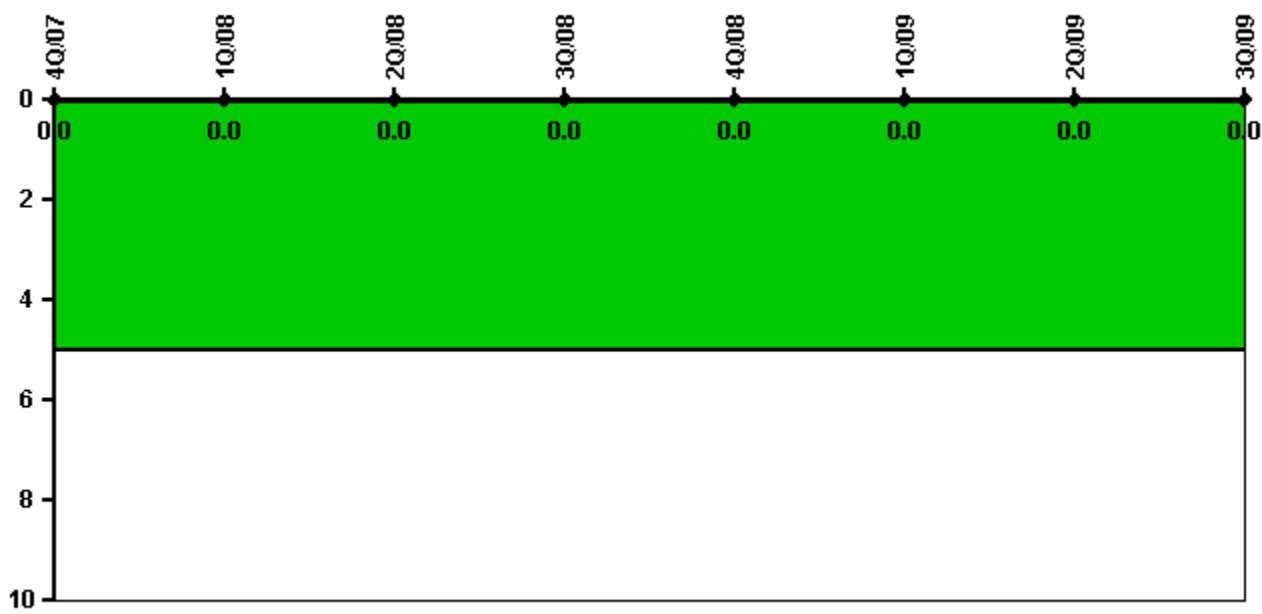
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
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 (PWR)



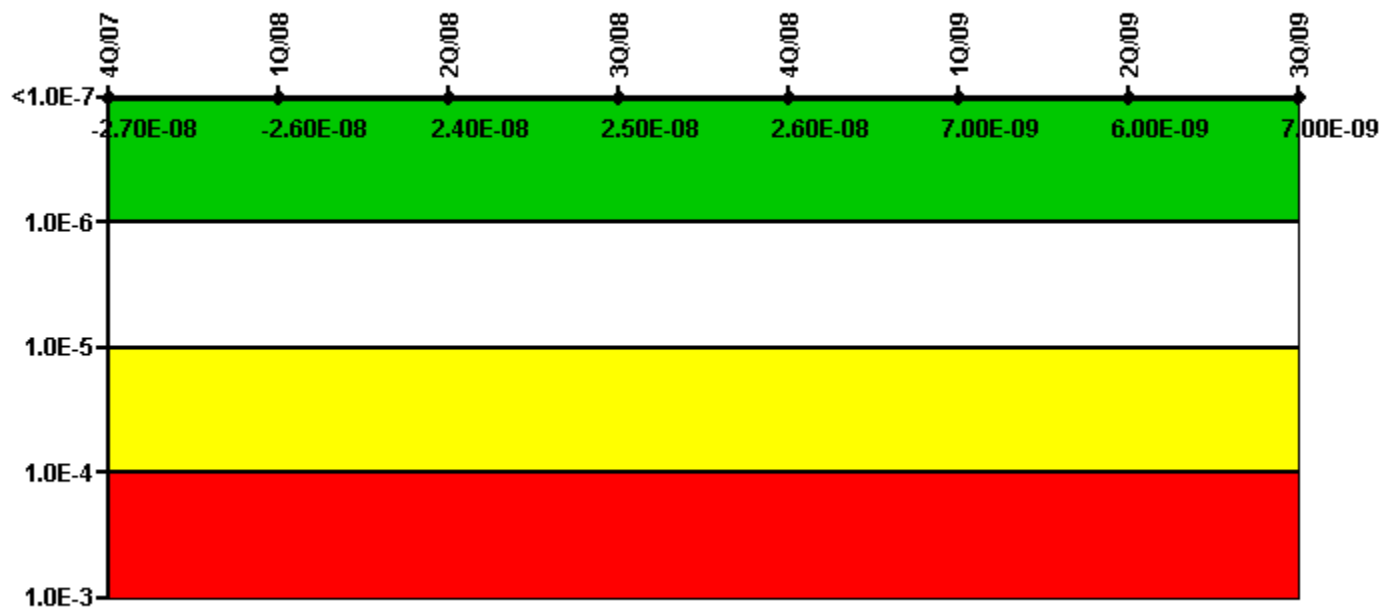
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



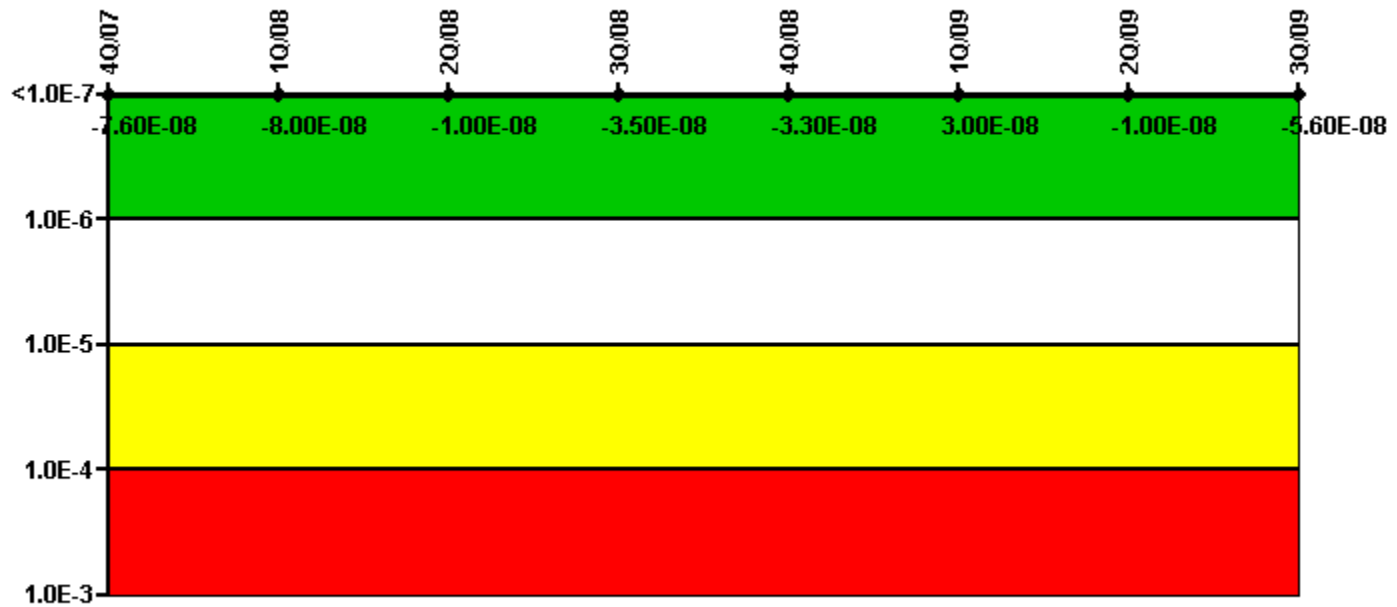
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
UAI (ΔCDF)	3.20E-08	3.30E-08	5.50E-08	5.60E-08	5.70E-08	3.80E-08	3.70E-08	3.80E-08
URI (ΔCDF)	-5.90E-08	-5.90E-08	-3.10E-08	-3.10E-08	-3.10E-08	-3.10E-08	-3.10E-08	-3.10E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.70E-08	-2.60E-08	2.40E-08	2.50E-08	2.60E-08	7.00E-09	6.00E-09	7.00E-09

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



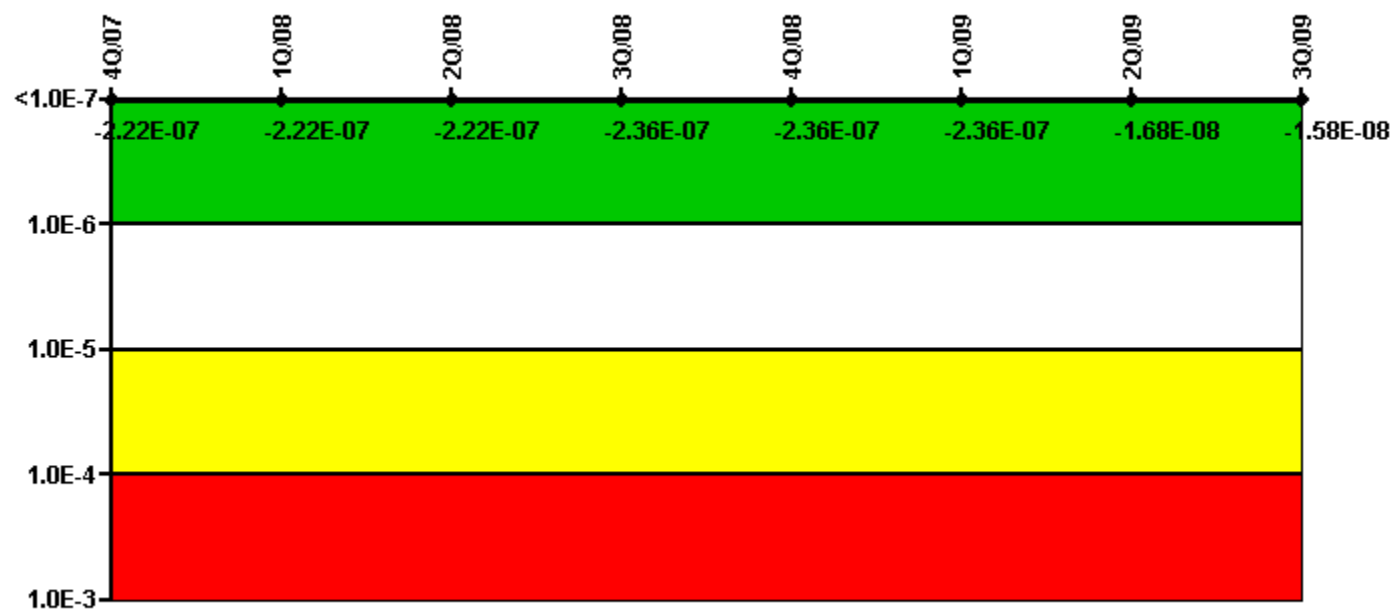
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
UAI (ΔCDF)	5.40E-08	5.00E-08	1.20E-07	9.50E-08	9.70E-08	1.60E-07	1.20E-07	7.40E-08
URI (ΔCDF)	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-7.60E-08	-8.00E-08	-1.00E-08	-3.50E-08	-3.30E-08	3.00E-08	-1.00E-08	-5.60E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



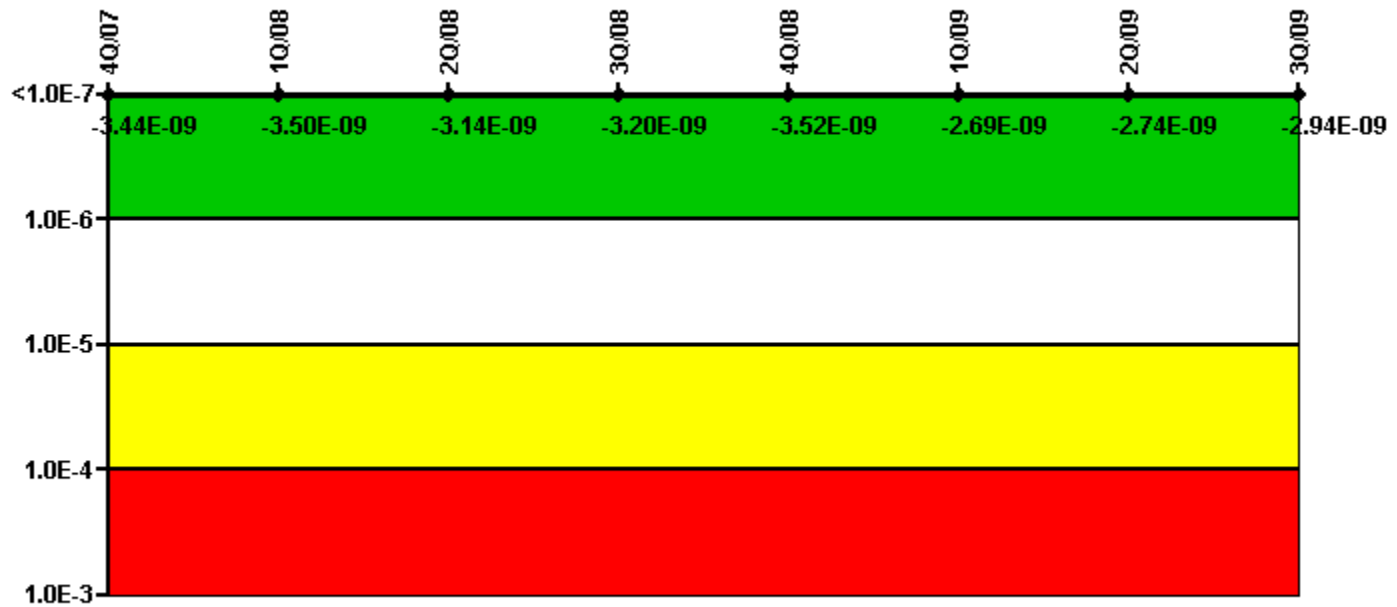
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
UAI (ΔCDF)	-4.20E-08	-4.20E-08	-4.20E-08	-5.60E-08	-5.60E-08	-5.60E-08	-2.10E-08	-2.00E-08
URI (ΔCDF)	-1.80E-07	-1.80E-07	-1.80E-07	-1.80E-07	-1.80E-07	-1.80E-07	4.20E-09	4.20E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.22E-07	-2.22E-07	-2.22E-07	-2.36E-07	-2.36E-07	-2.36E-07	-1.68E-08	-1.58E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



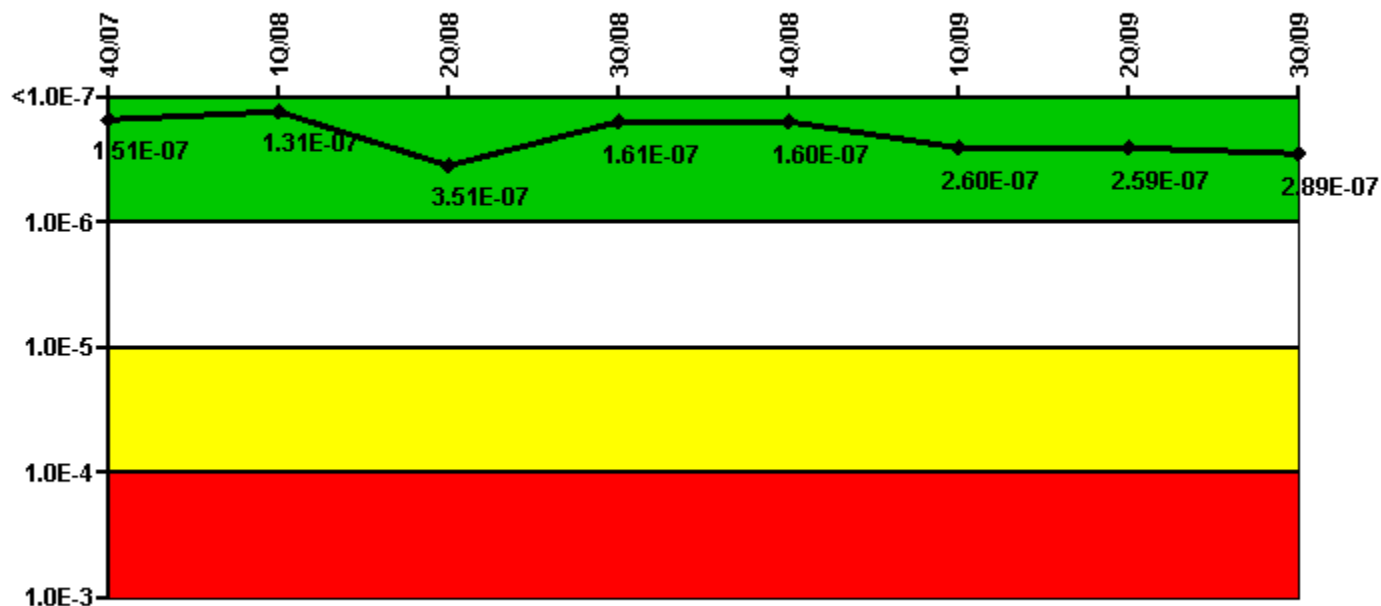
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
UAI (Δ CDF)	-2.40E-10	-3.00E-10	6.40E-11	4.80E-12	-3.20E-10	5.10E-10	4.60E-10	2.60E-10
URI (Δ CDF)	-3.20E-09	-3.20E-09	-3.20E-09	-3.20E-09	-3.20E-09	-3.20E-09	-3.20E-09	-3.20E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.44E-09	-3.50E-09	-3.14E-09	-3.20E-09	-3.52E-09	-2.69E-09	-2.74E-09	-2.94E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



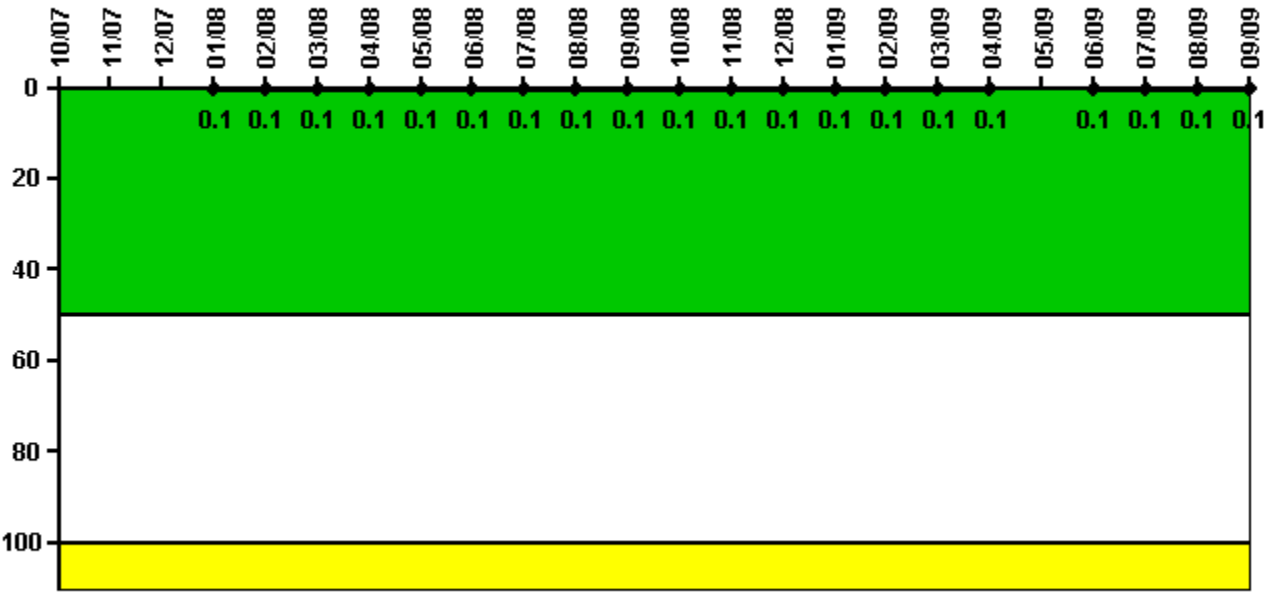
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
UAI (ΔCDF)	1.60E-07	1.40E-07	3.60E-07	1.70E-07	1.70E-07	2.70E-07	2.70E-07	3.00E-07
URI (ΔCDF)	-9.00E-09	-9.00E-09	-9.00E-09	-9.00E-09	-1.00E-08	-1.00E-08	-1.10E-08	-1.10E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.51E-07	1.31E-07	3.51E-07	1.61E-07	1.60E-07	2.60E-07	2.59E-07	2.89E-07

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

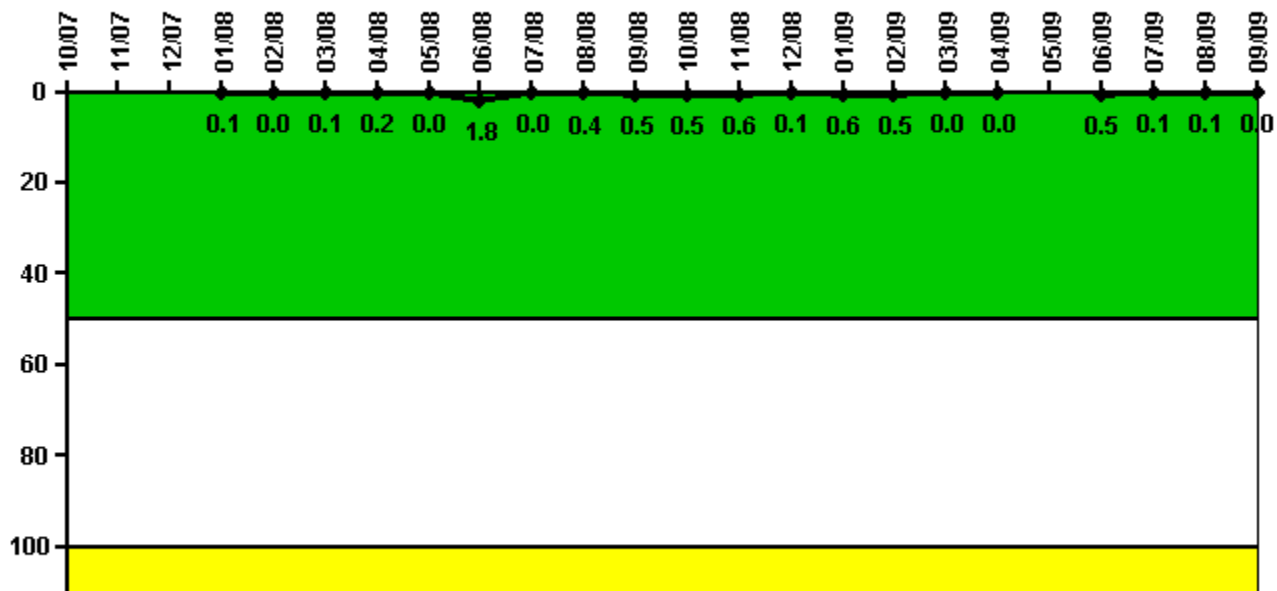
Notes

Reactor Coolant System Activity	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08
Maximum activity	N/A	N/A	N/A	0.000618	0.000533	0.000586	0.000550	0.000604	0.000605	0.000630	0.000668	0.000669
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	N/A	N/A	N/A	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Reactor Coolant System Activity	10/08	11/08	12/08	1/09	2/09	3/09	4/09	5/09	6/09	7/09	8/09	9/09
Maximum activity	0.000660	0.000690	0.000690	0.000694	0.000733	0.000785	0.001330	N/A	0.000809	0.000847	0.000864	0.000892
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.1	N/A	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



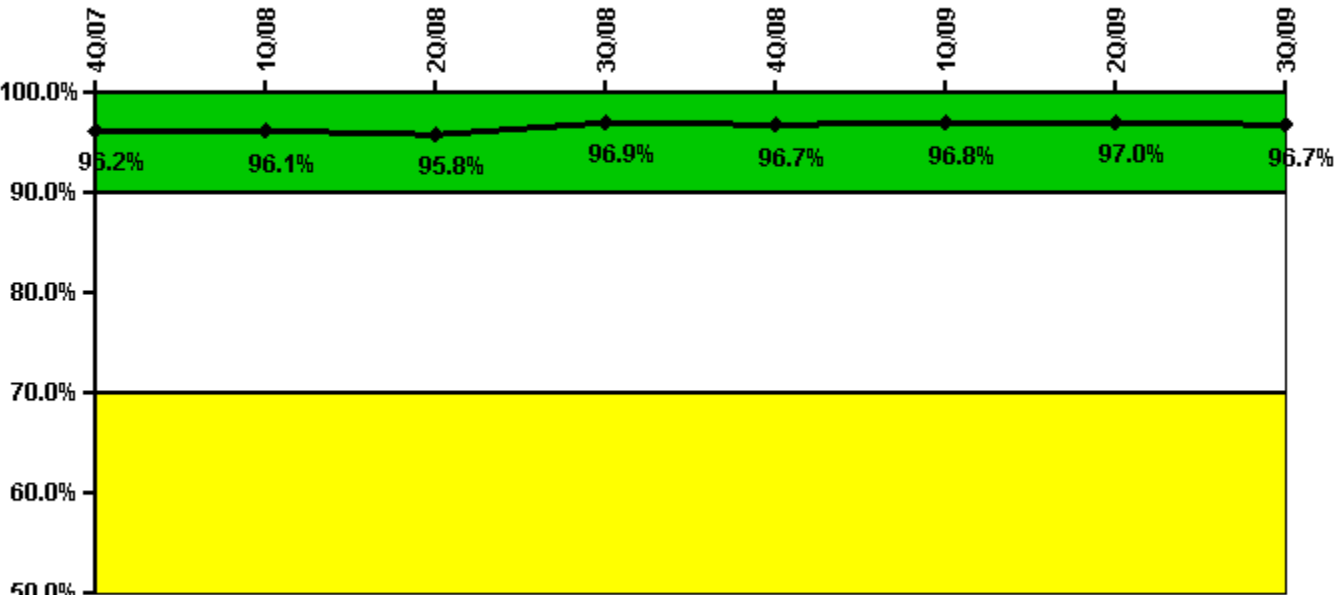
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08
Maximum leakage	N/A	N/A	N/A	0.008	0	0.009	0.020	0.002	0.180	0.002	0.040	0.050
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	N/A	N/A	N/A	0.1	0	0.1	0.2	0	1.8	0	0.4	0.5
Reactor Coolant System Leakage	10/08	11/08	12/08	1/09	2/09	3/09	4/09	5/09	6/09	7/09	8/09	9/09
Maximum leakage	0.050	0.060	0.010	0.060	0.050	0	0	N/A	0.053	0.005	0.005	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	0.6	0.1	0.6	0.5	0	0	N/A	0.5	0.1	0.1	0

Licensee Comments: none

Drill/Exercise Performance



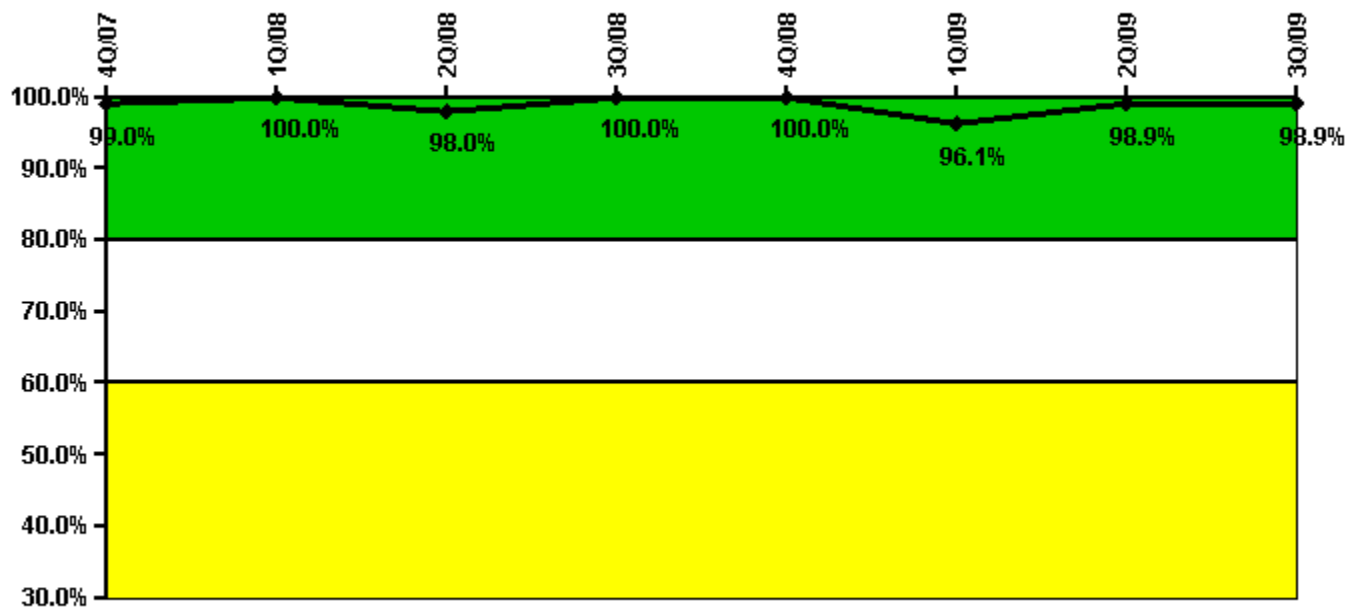
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Successful opportunities	2.0	68.0	48.0	68.0	16.0	39.0	26.0	51.0
Total opportunities	2.0	72.0	51.0	69.0	17.0	39.0	26.0	53.0
Indicator value	96.2%	96.1%	95.8%	96.9%	96.7%	96.8%	97.0%	96.7%

Licensee Comments: none

ERO Drill Participation



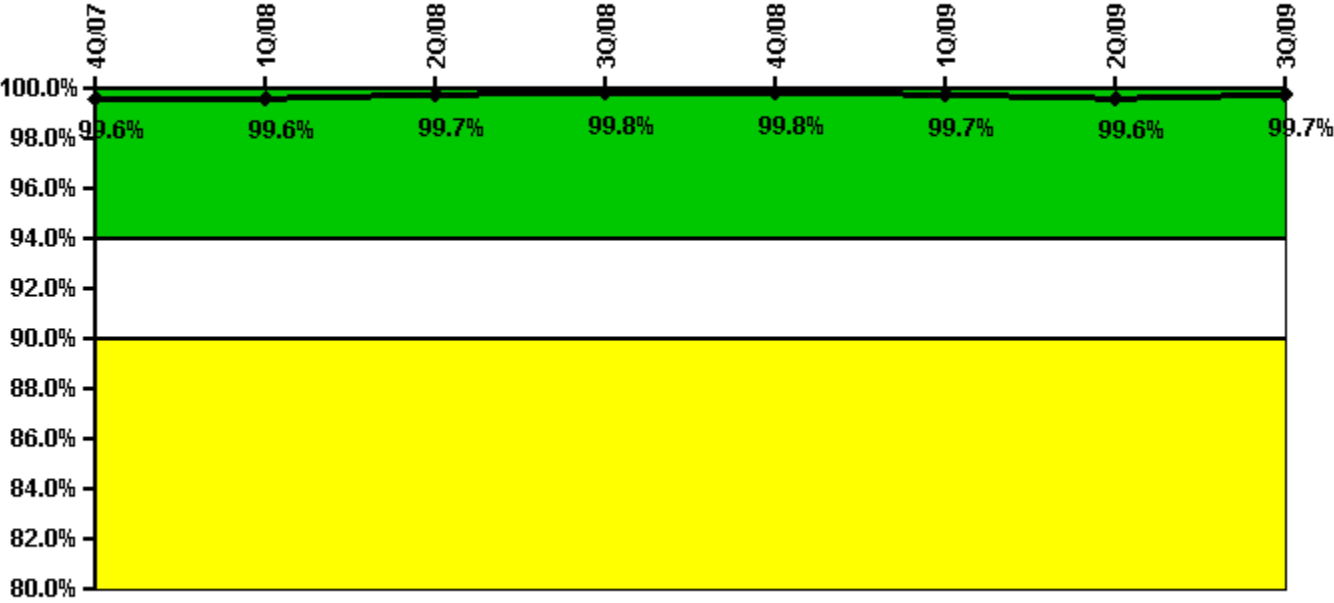
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Participating Key personnel	97.0	101.0	96.0	97.0	103.0	99.0	93.0	92.0
Total Key personnel	98.0	101.0	98.0	97.0	103.0	103.0	94.0	93.0
Indicator value	99.0%	100.0%	98.0%	100.0%	100.0%	96.1%	98.9%	98.9%

Licensee Comments: none

Alert & Notification System



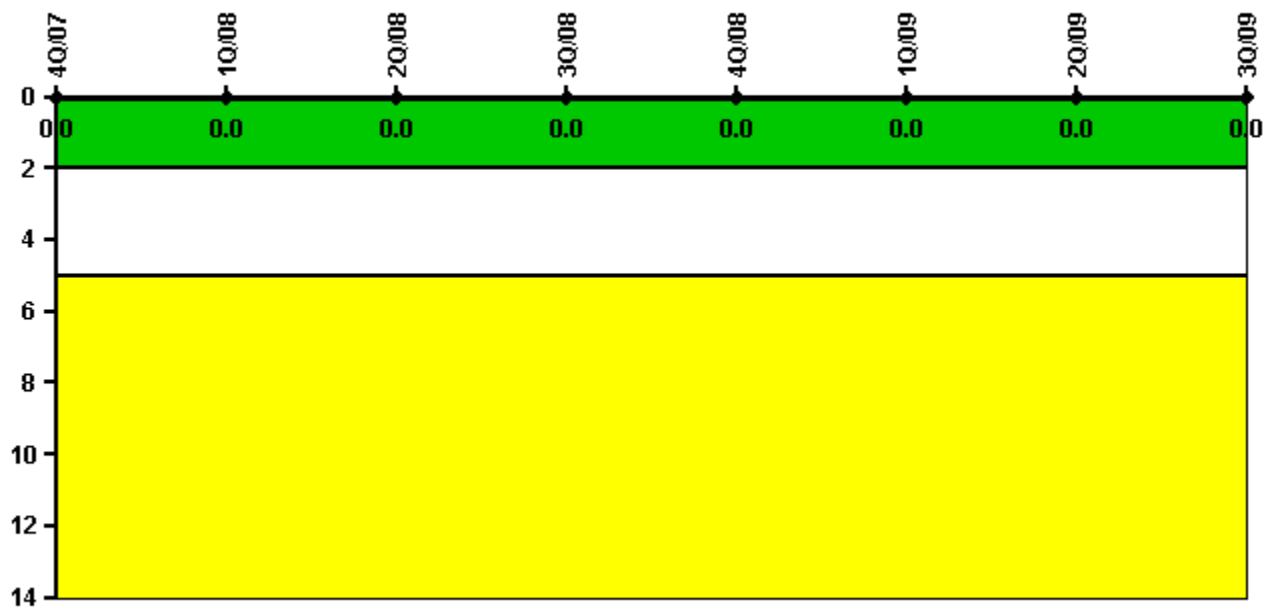
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Successful siren-tests	719	629	719	627	720	626	717	630
Total sirens-tests	720	630	720	630	720	630	720	630
Indicator value	99.6%	99.6%	99.7%	99.8%	99.8%	99.7%	99.6%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



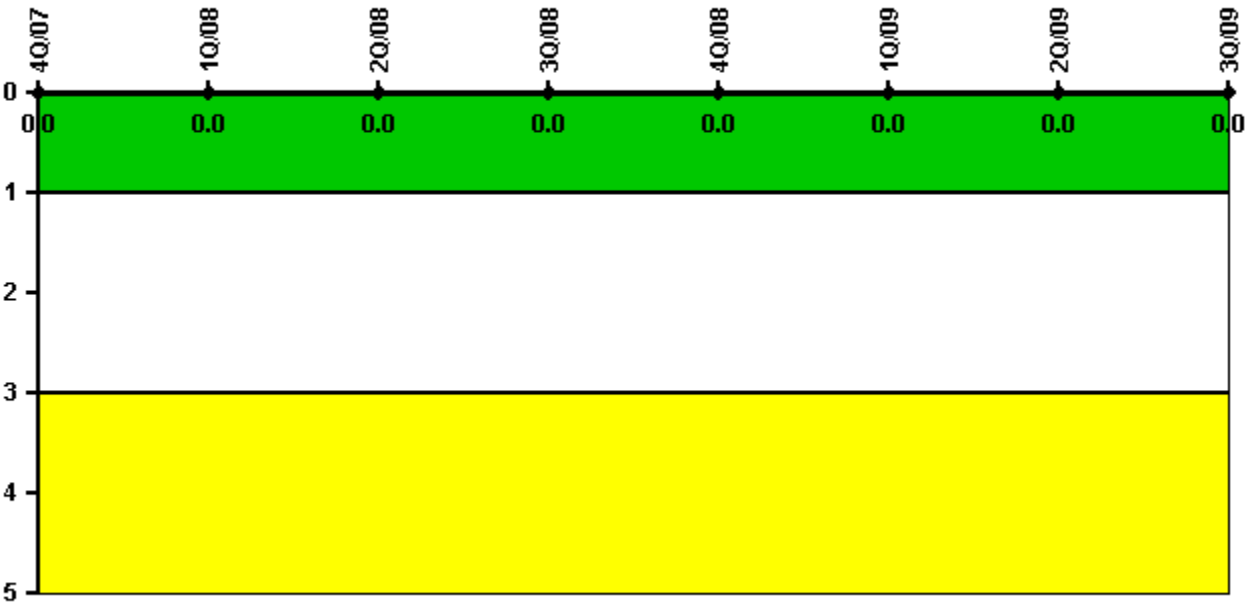
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
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/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

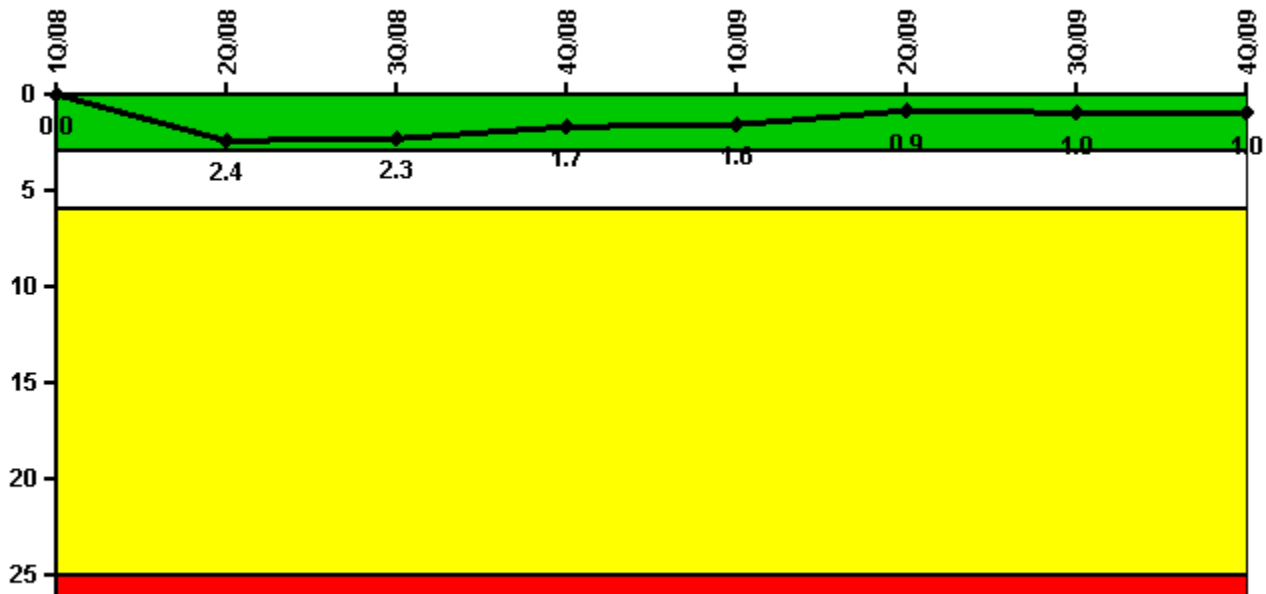
[Security](#) information not publicly available.

Saint Lucie 2

4Q/2009 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



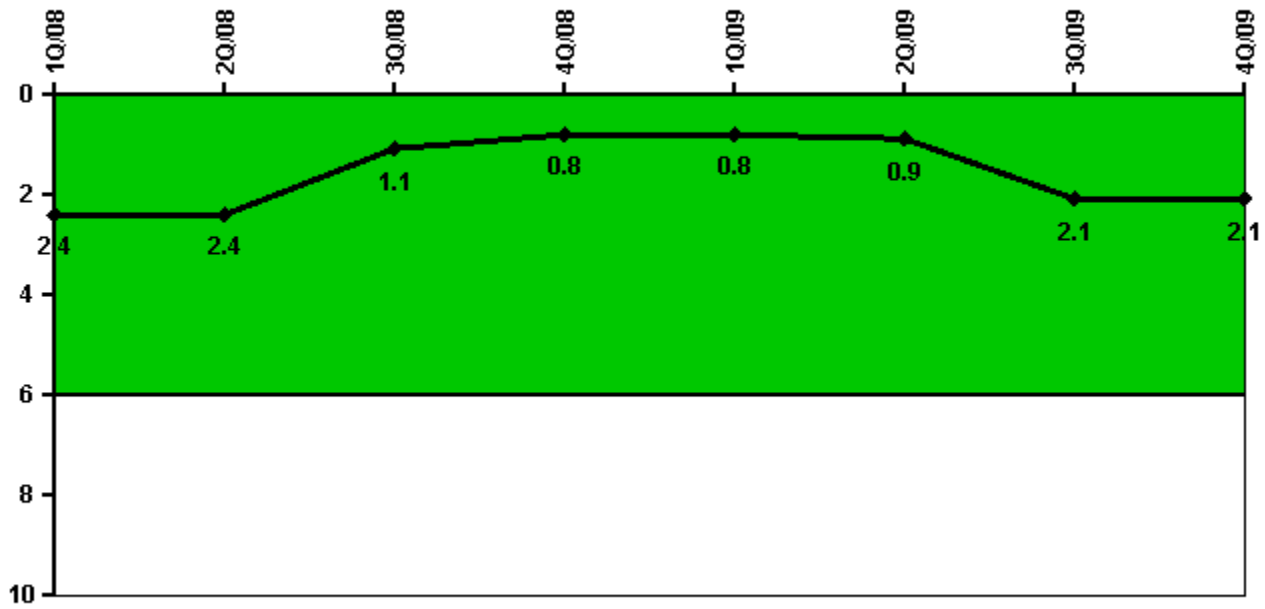
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Unplanned scrams	0	2.0	0	0	0	1.0	0	0
Critical hours	1861.5	2112.2	2208.0	2209.0	2159.0	1018.6	1402.9	2209.0
Indicator value	0	2.4	2.3	1.7	1.6	0.9	1.0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



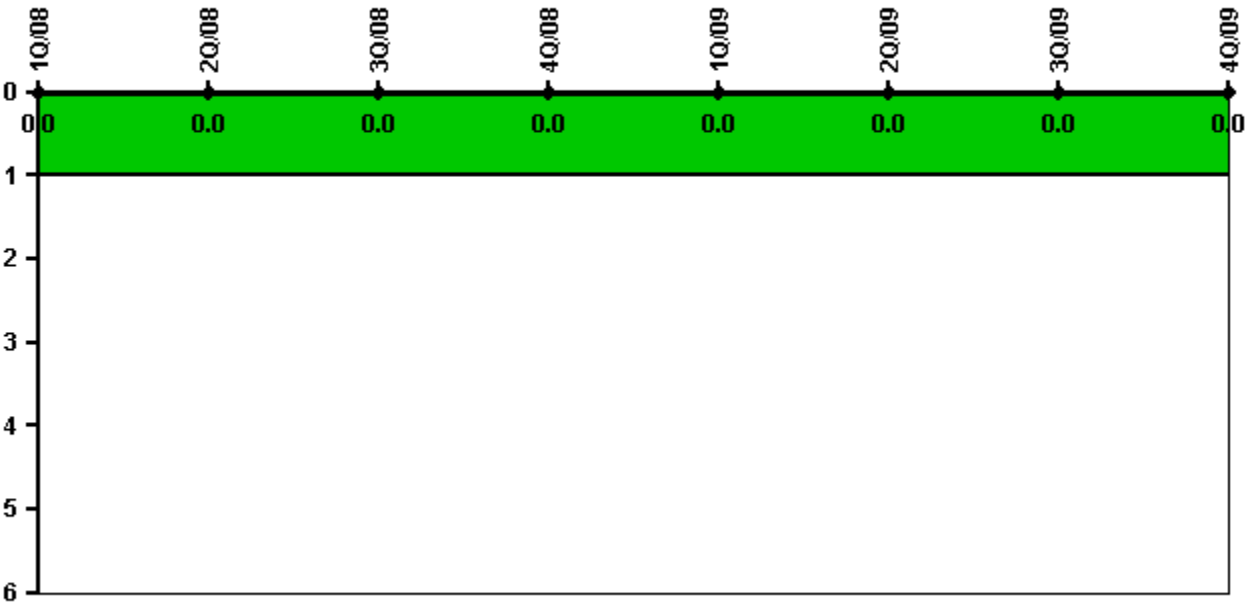
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Unplanned power changes	1.0	0	0	0	1.0	0	1.0	0
Critical hours	1861.5	2112.2	2208.0	2209.0	2159.0	1018.6	1402.9	2209.0
Indicator value	2.4	2.4	1.1	0.8	0.8	0.9	2.1	2.1

Licensee Comments: none

Unplanned Scrams with Complications



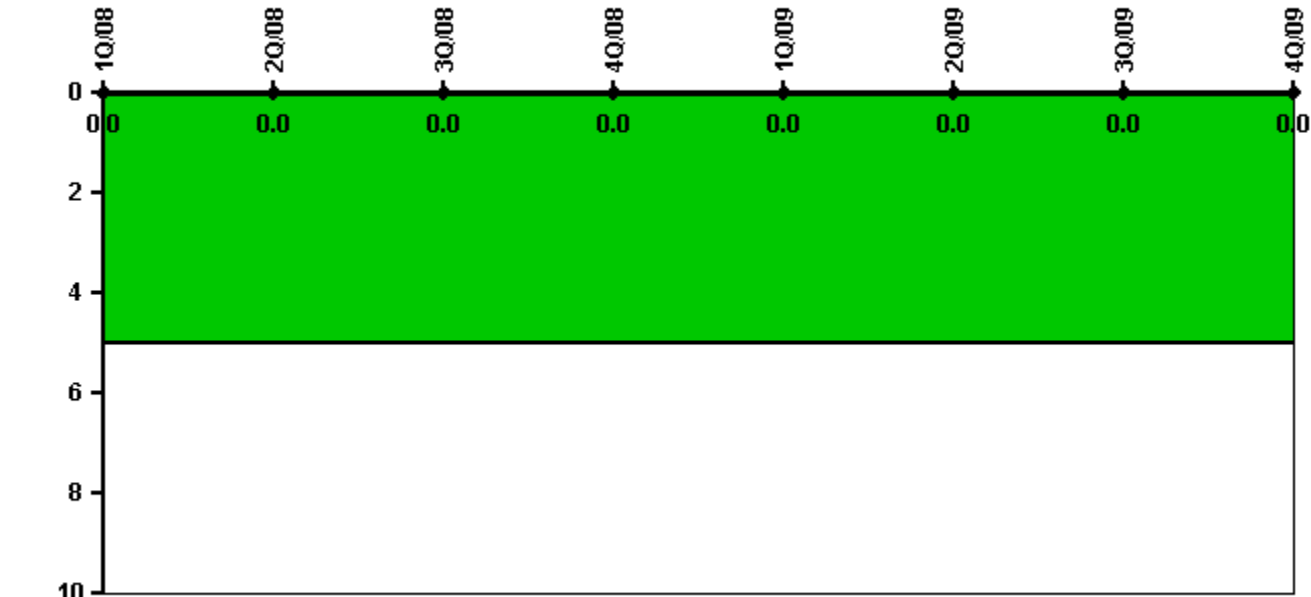
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
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 (PWR)



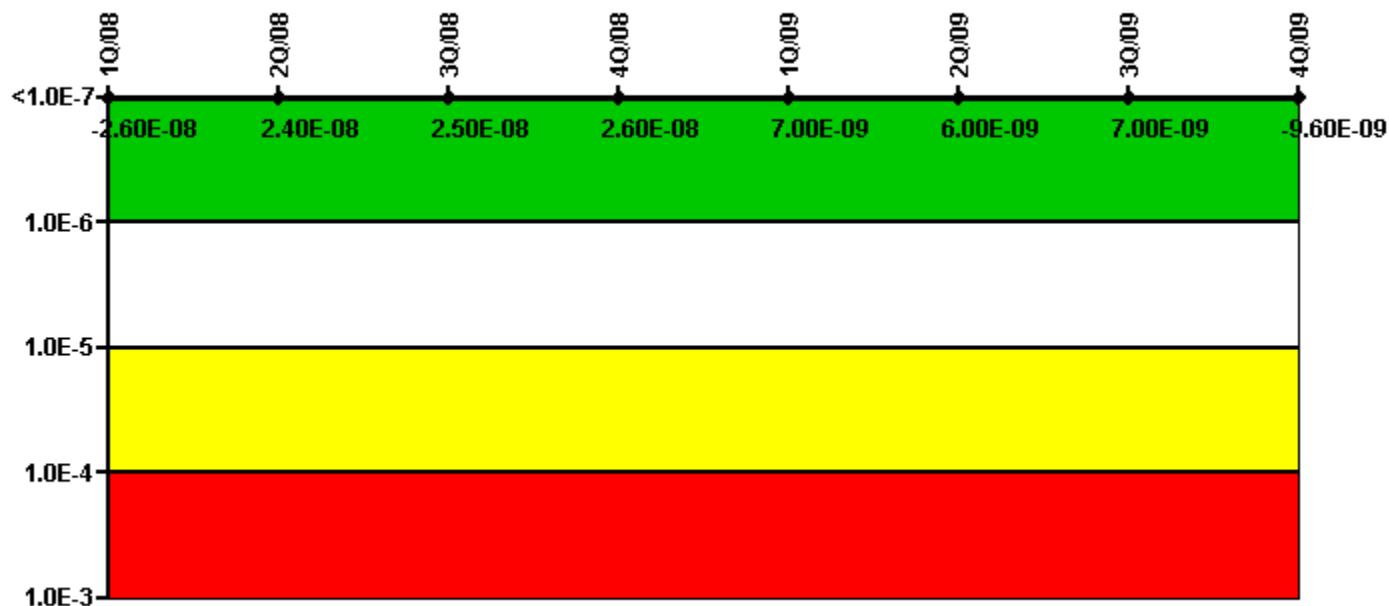
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	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

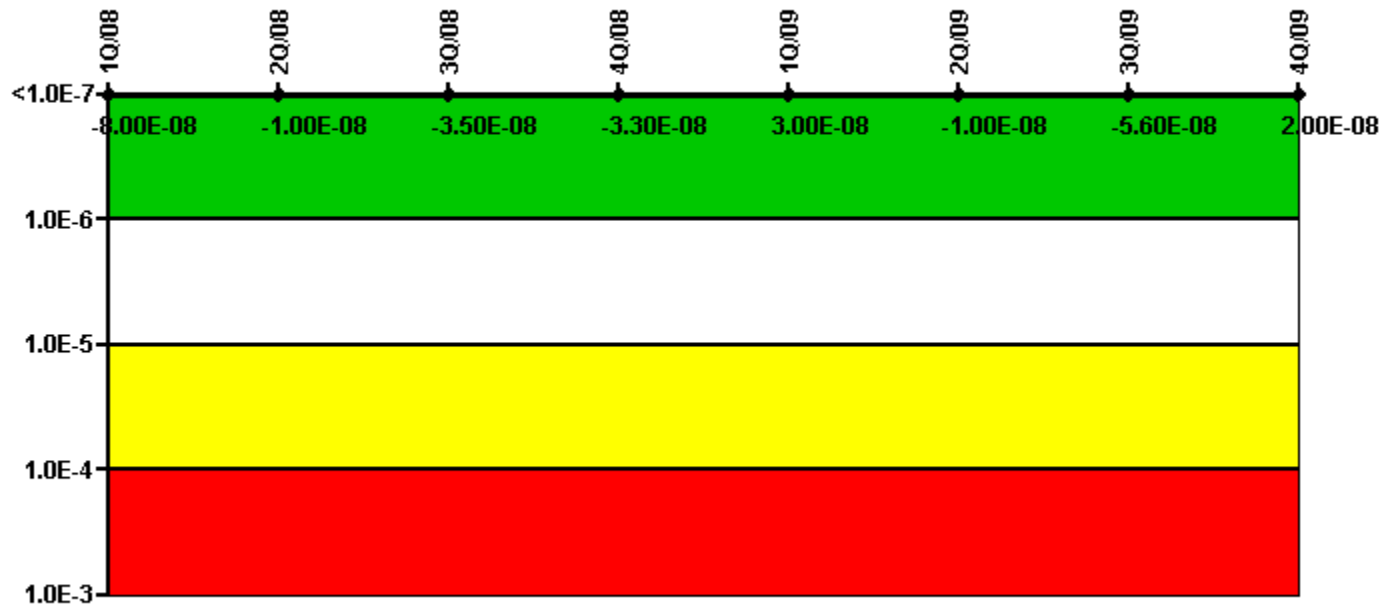
Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
UAI (ΔCDF)	3.30E-08	5.50E-08	5.60E-08	5.70E-08	3.80E-08	3.70E-08	3.80E-08	7.40E-09
URI (ΔCDF)	-5.90E-08	-3.10E-08	-3.10E-08	-3.10E-08	-3.10E-08	-3.10E-08	-3.10E-08	-1.70E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.60E-08	2.40E-08	2.50E-08	2.60E-08	7.00E-09	6.00E-09	7.00E-09	-9.60E-09

Licensee Comments:

4Q/09: Changed PRA Parameter(s). CDE PRA values were revised to reflect the updated PRA models (for Unit 1 & 2 models) that were approved August 2009. The updated PRA models included the following PRA elements: revised simplified LERF model (Level 2), revised CCF analysis, revised unit 1 success criteria analysis, revised pre-initiating human reliability analysis, revised interfacing system LOCA analysis, and inclusion of containment isolation system fault tree.

Mitigating Systems Performance Index, High Pressure Injection System



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

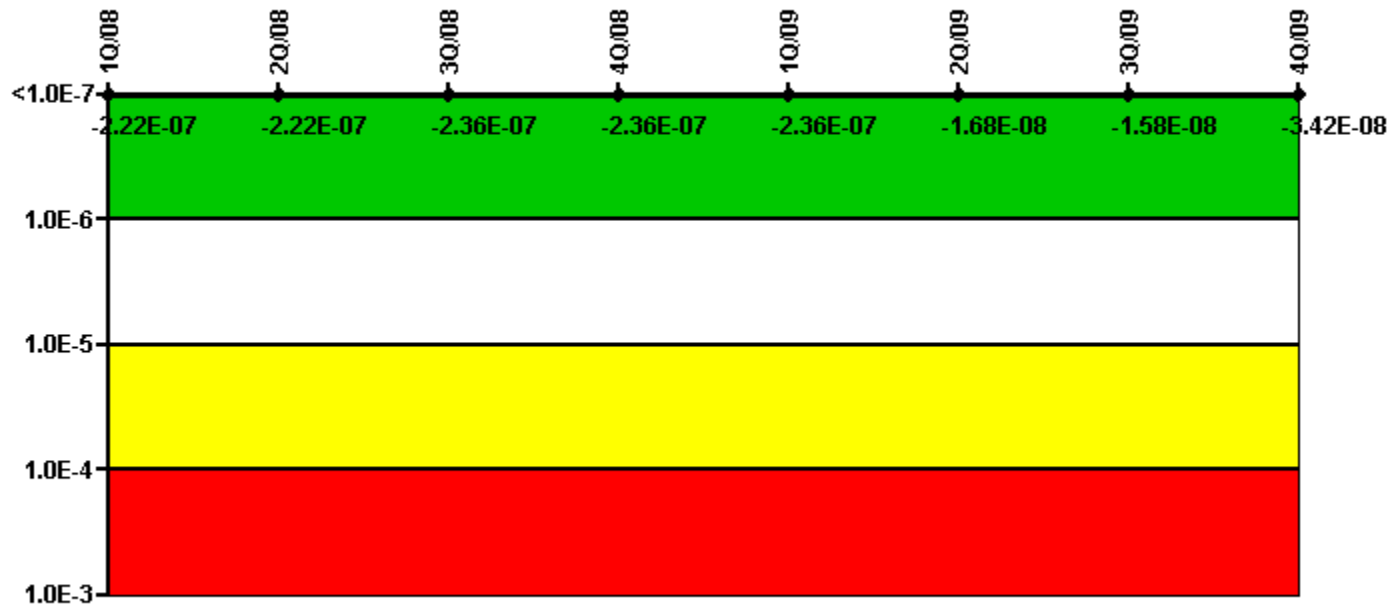
Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
UAI (ΔCDF)	5.00E-08	1.20E-07	9.50E-08	9.70E-08	1.60E-07	1.20E-07	7.40E-08	1.90E-07
URI (ΔCDF)	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.70E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-8.00E-08	-1.00E-08	-3.50E-08	-3.30E-08	3.00E-08	-1.00E-08	-5.60E-08	2.00E-08

Licensee Comments:

4Q/09: Changed PRA Parameter(s). CDE PRA values were revised to reflect the updated PRA models (for Unit 1 & 2 models) that were approved August 2009. The updated PRA models included the following PRA elements: revised simplified LERF model (Level 2), revised CCF analysis, revised unit 1 success criteria analysis, revised pre-initiating human reliability analysis, revised interfacing system LOCA analysis, and inclusion of containment isolation system fault tree.

Mitigating Systems Performance Index, Heat Removal System



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

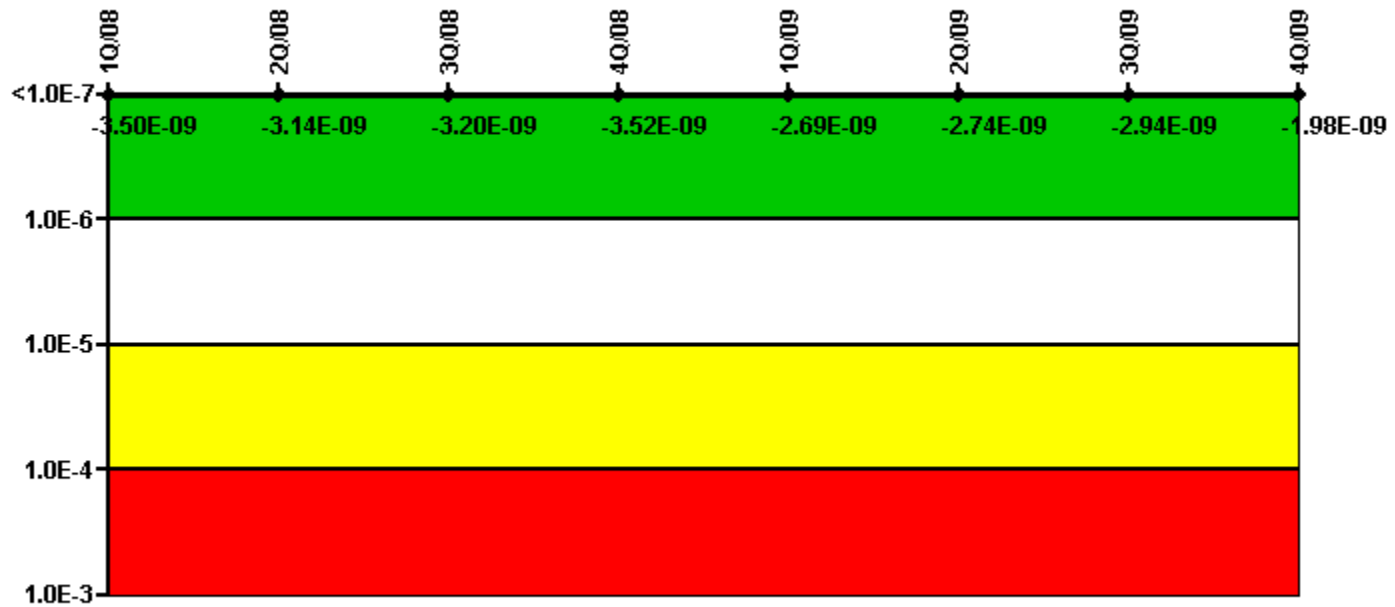
Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
UAI (Δ CDF)	-4.20E-08	-4.20E-08	-5.60E-08	-5.60E-08	-5.60E-08	-2.10E-08	-2.00E-08	-1.50E-10
URI (Δ CDF)	-1.80E-07	-1.80E-07	-1.80E-07	-1.80E-07	-1.80E-07	4.20E-09	4.20E-09	-3.40E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.22E-07	-2.22E-07	-2.36E-07	-2.36E-07	-2.36E-07	-1.68E-08	-1.58E-08	-3.42E-08

Licensee Comments:

4Q/09: Changed PRA Parameter(s). CDE PRA values were revised to reflect the updated PRA models (for Unit 1 & 2 models) that were approved August 2009. The updated PRA models included the following PRA elements: revised simplified LERF model (Level 2), revised CCF analysis, revised unit 1 success criteria analysis, revised pre-initiating human reliability analysis, revised interfacing system LOCA analysis, and inclusion of containment isolation system fault tree.

Mitigating Systems Performance Index, Residual Heat Removal System



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

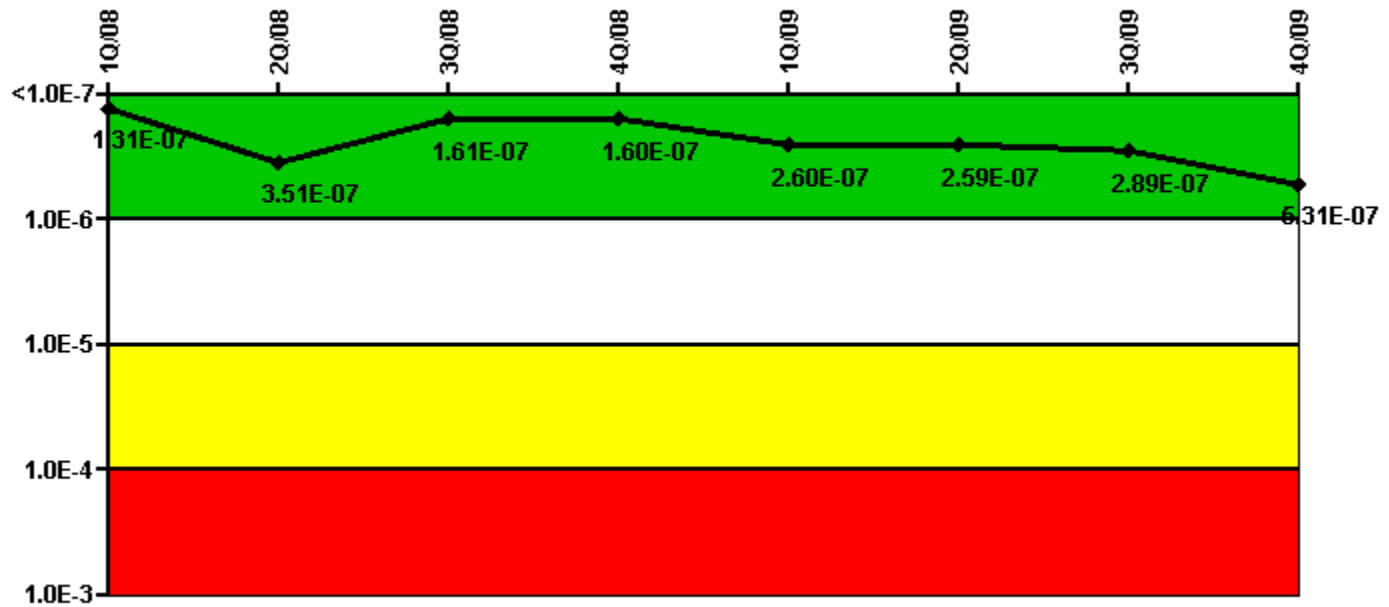
Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
UAI (Δ CDF)	-3.00E-10	6.40E-11	4.80E-12	-3.20E-10	5.10E-10	4.60E-10	2.60E-10	2.20E-10
URI (Δ CDF)	-3.20E-09	-3.20E-09	-3.20E-09	-3.20E-09	-3.20E-09	-3.20E-09	-3.20E-09	-2.20E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.50E-09	-3.14E-09	-3.20E-09	-3.52E-09	-2.69E-09	-2.74E-09	-2.94E-09	-1.98E-09

Licensee Comments:

4Q/09: Changed PRA Parameter(s). CDE PRA values were revised to reflect the updated PRA models (for Unit 1 & 2 models) that were approved August 2009. The updated PRA models included the following PRA elements: revised simplified LERF model (Level 2), revised CCF analysis, revised unit 1 success criteria analysis, revised pre-initiating human reliability analysis, revised interfacing system LOCA analysis, and inclusion of containment isolation system fault tree.

Mitigating Systems Performance Index, Cooling Water Systems



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

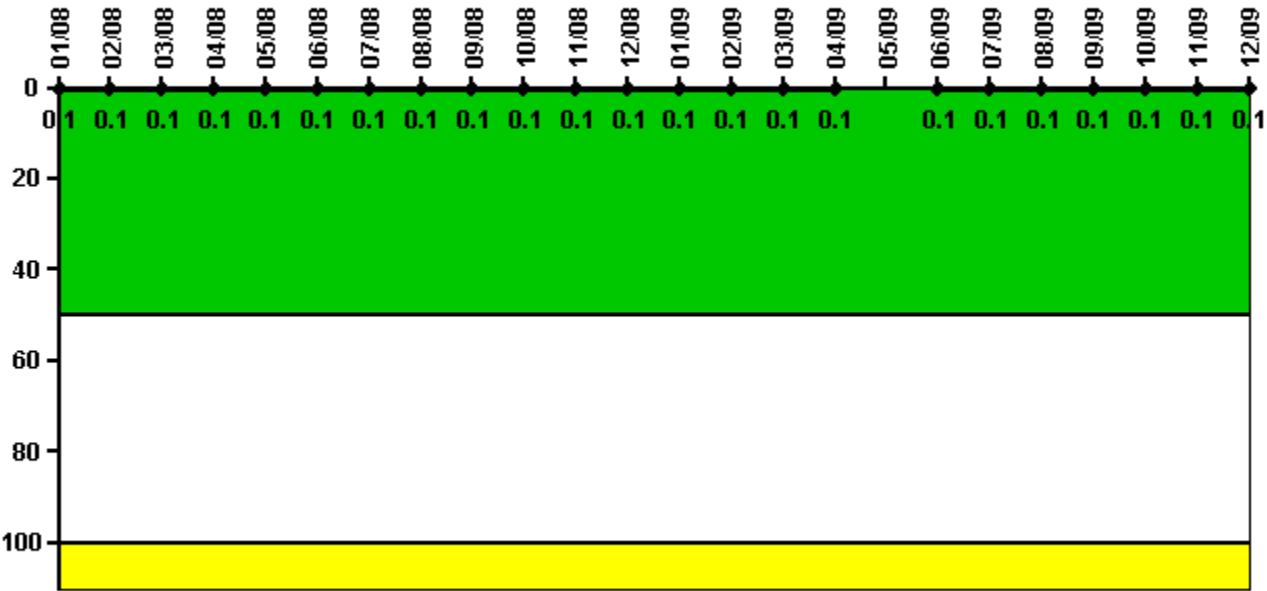
Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
UAI (ΔCDF)	1.40E-07	3.60E-07	1.70E-07	1.70E-07	2.70E-07	2.70E-07	3.00E-07	5.40E-07
URI (ΔCDF)	-9.00E-09	-9.00E-09	-9.00E-09	-1.00E-08	-1.00E-08	-1.10E-08	-1.10E-08	-8.90E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.31E-07	3.51E-07	1.61E-07	1.60E-07	2.60E-07	2.59E-07	2.89E-07	5.31E-07

Licensee Comments:

4Q/09: Changed PRA Parameter(s). CDE PRA values were revised to reflect the updated PRA models (for Unit 1 & 2 models) that were approved August 2009. The updated PRA models included the following PRA elements: revised simplified LERF model (Level 2), revised CCF analysis, revised unit 1 success criteria analysis, revised pre-initiating human reliability analysis, revised interfacing system LOCA analysis, and inclusion of containment isolation system fault tree.

Reactor Coolant System Activity



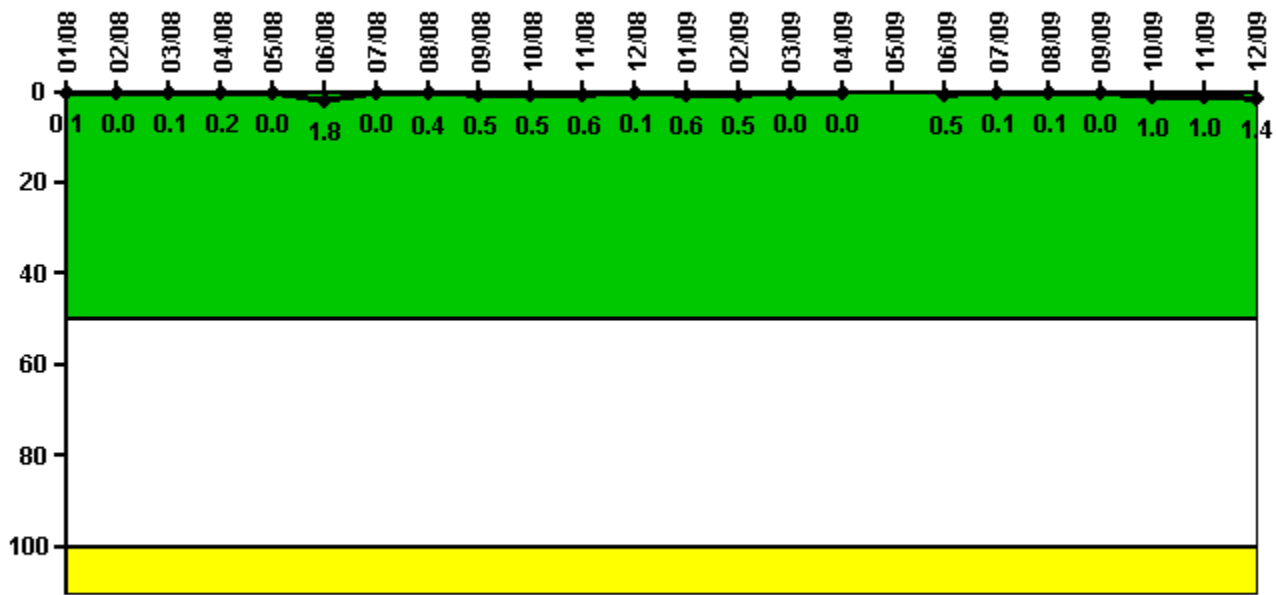
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08	10/08	11/08	12/08
Maximum activity	0.000618	0.000533	0.000586	0.000550	0.000604	0.000605	0.000630	0.000668	0.000669	0.000660	0.000690	0.000690
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
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
Reactor Coolant System Activity	1/09	2/09	3/09	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09
Maximum activity	0.000694	0.000733	0.000785	0.001330	N/A	0.000809	0.000847	0.000864	0.000892	0.000944	0.000897	0.000944
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	N/A	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



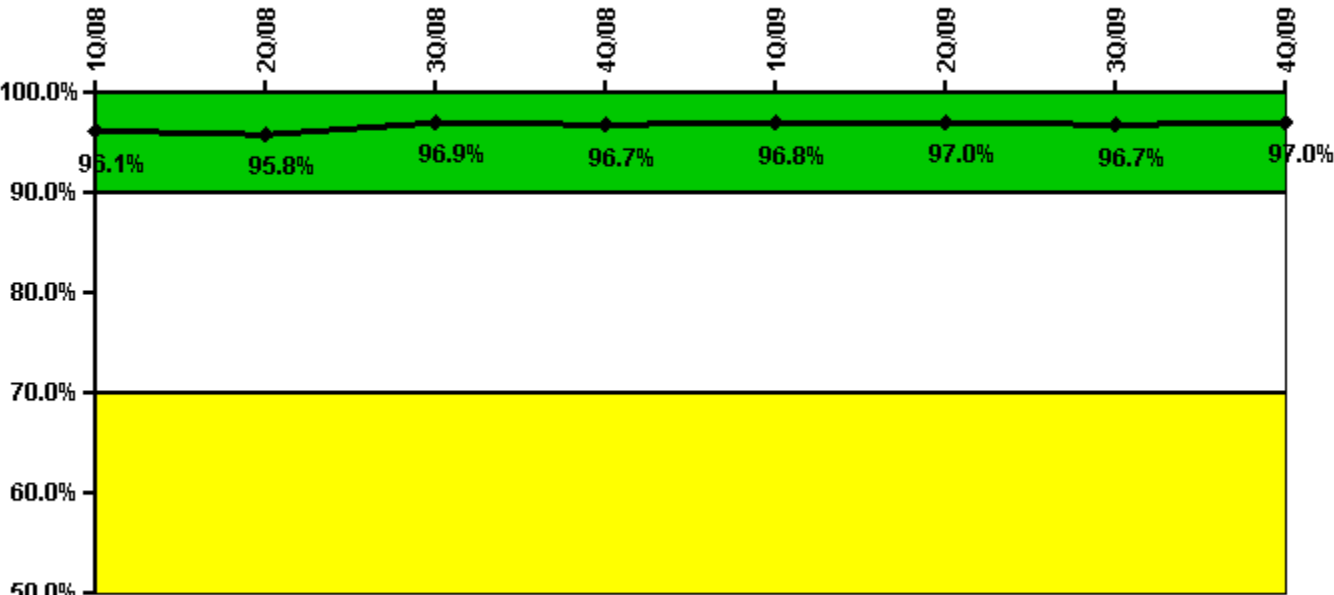
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08	10/08	11/08	12/08
Maximum leakage	0.008	0	0.009	0.020	0.002	0.180	0.002	0.040	0.050	0.050	0.060	0.010
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0	0.1	0.2	0	1.8	0	0.4	0.5	0.5	0.6	0.1
Reactor Coolant System Leakage	1/09	2/09	3/09	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09
Maximum leakage	0.060	0.050	0	0	N/A	0.053	0.005	0.005	0	0.100	0.100	0.140
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.6	0.5	0	0	N/A	0.5	0.1	0.1	0	1.0	1.0	1.4

Licensee Comments: none

Drill/Exercise Performance



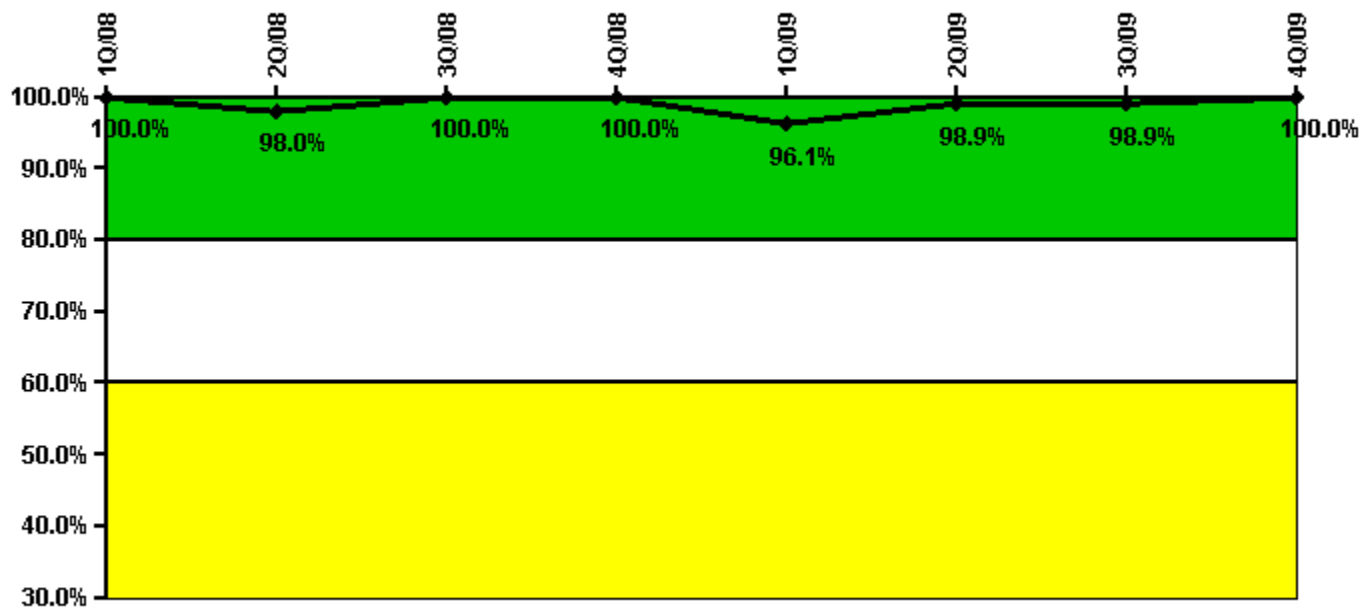
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Successful opportunities	68.0	48.0	68.0	16.0	39.0	26.0	51.0	74.0
Total opportunities	72.0	51.0	69.0	17.0	39.0	26.0	53.0	75.0
Indicator value	96.1%	95.8%	96.9%	96.7%	96.8%	97.0%	96.7%	97.0%

Licensee Comments: none

ERO Drill Participation



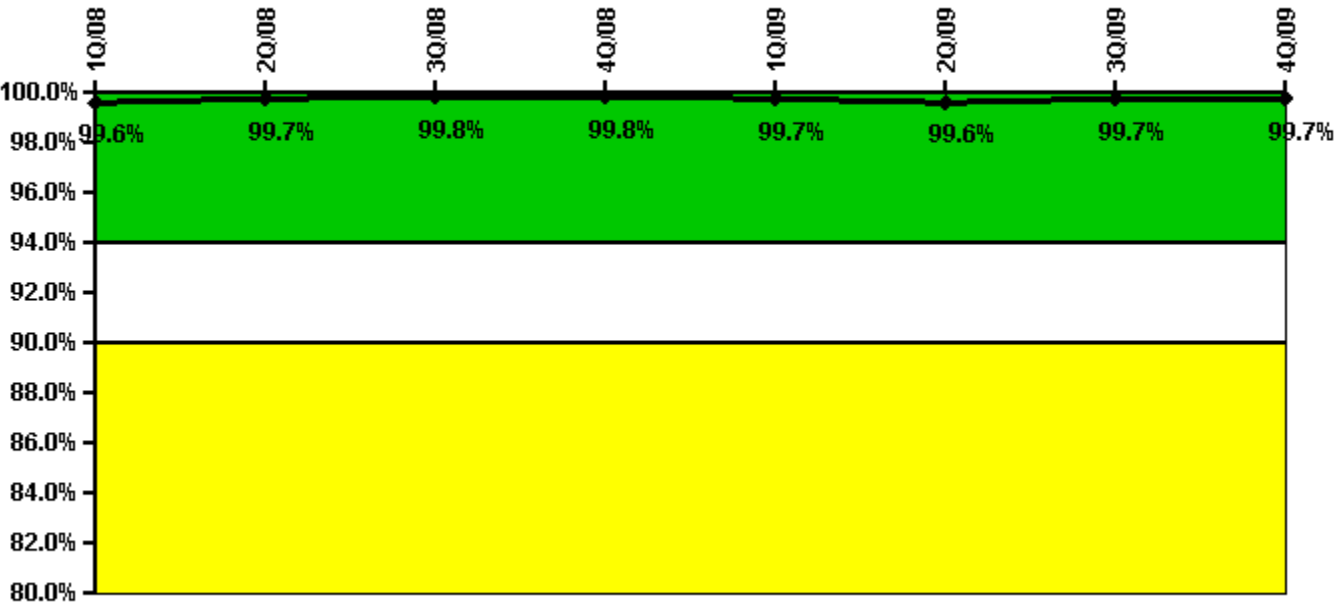
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Participating Key personnel	101.0	96.0	97.0	103.0	99.0	93.0	92.0	96.0
Total Key personnel	101.0	98.0	97.0	103.0	103.0	94.0	93.0	96.0
Indicator value	100.0%	98.0%	100.0%	100.0%	96.1%	98.9%	98.9%	100.0%

Licensee Comments: none

Alert & Notification System



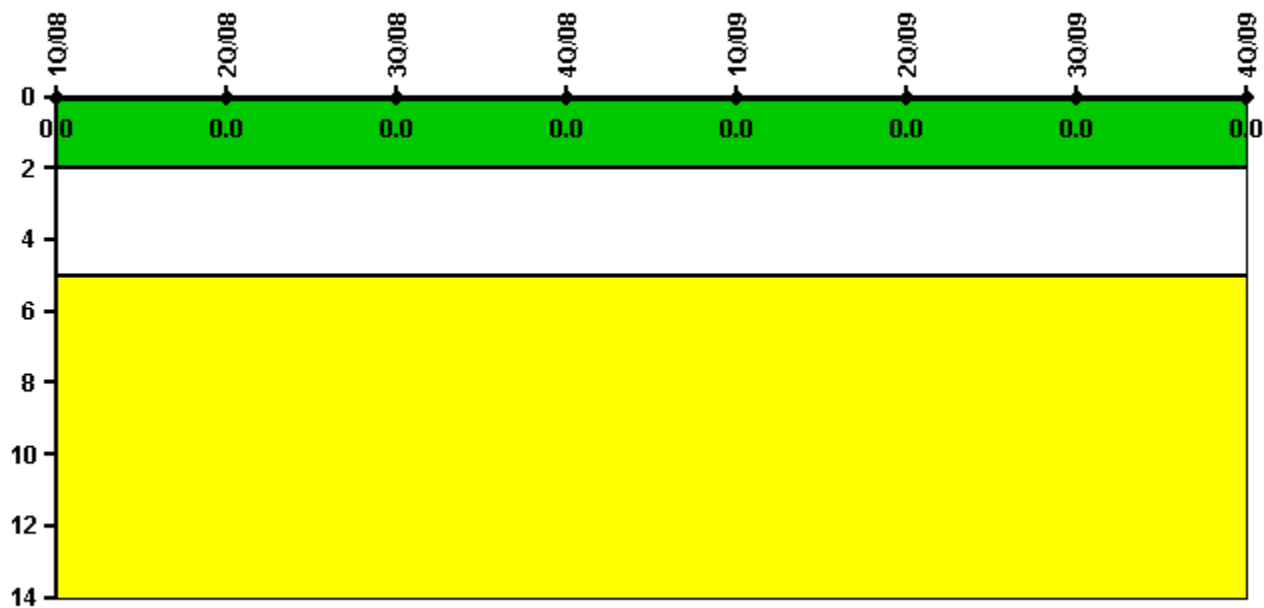
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Successful siren-tests	629	719	627	720	626	717	630	718
Total sirens-tests	630	720	630	720	630	720	630	720
Indicator value	99.6%	99.7%	99.8%	99.8%	99.7%	99.6%	99.7%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



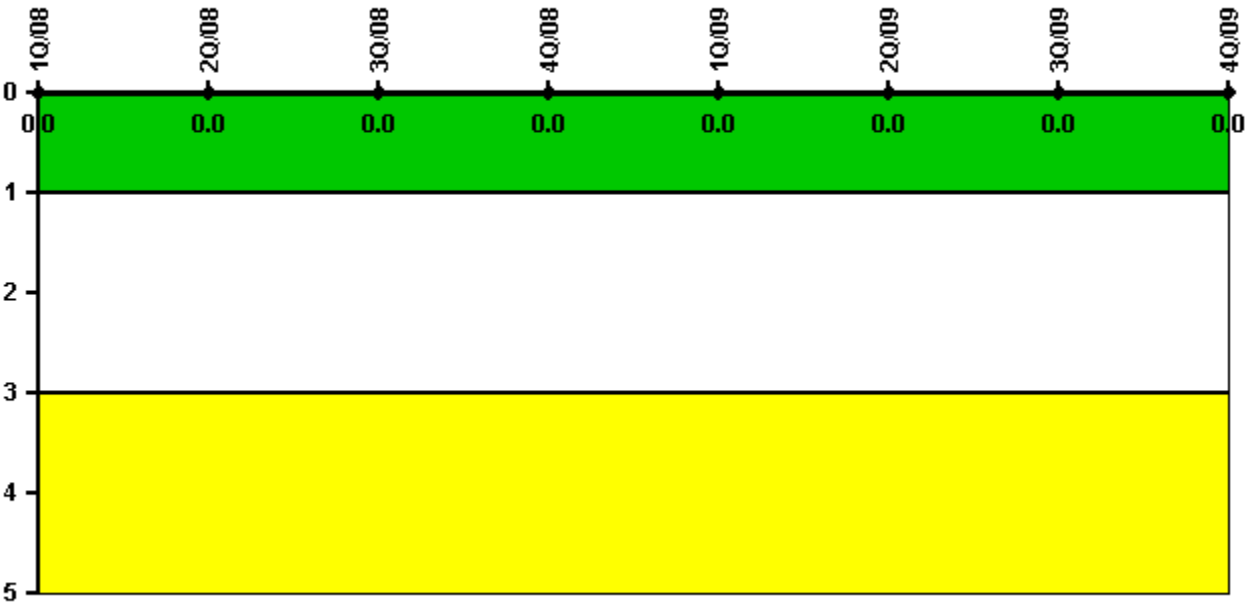
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
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	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

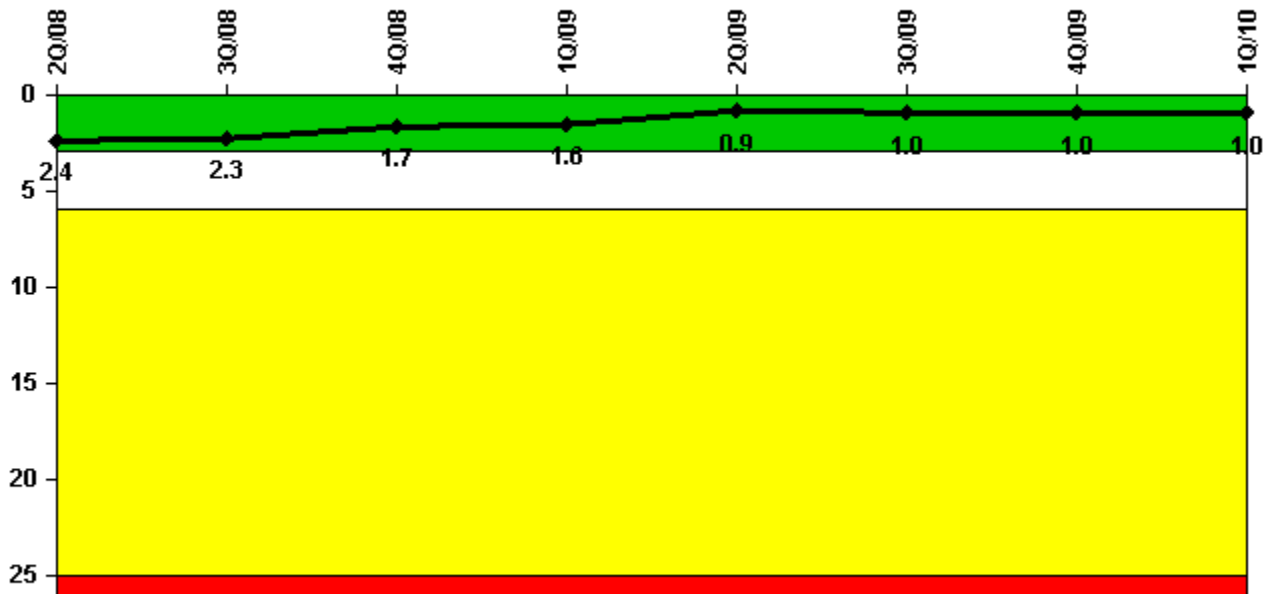
[Security](#) information not publicly available.

Saint Lucie 2

1Q/2010 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



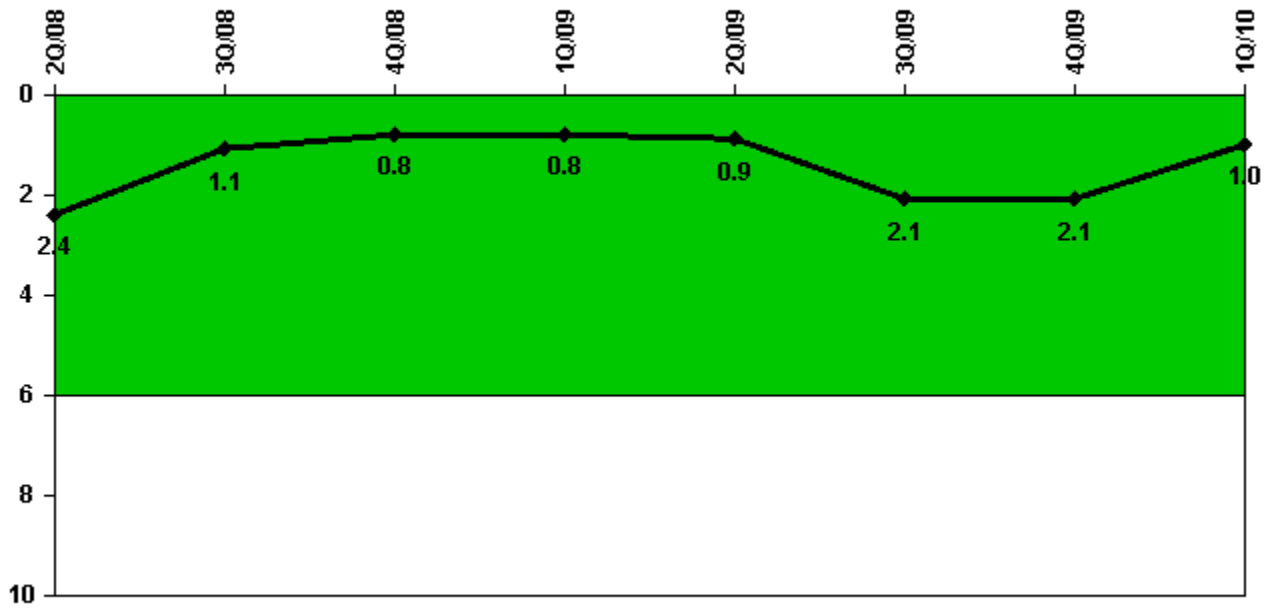
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Unplanned scrams	2.0	0	0	0	1.0	0	0	0
Critical hours	2112.2	2208.0	2209.0	2159.0	1018.6	1402.9	2209.0	2159.0
Indicator value	2.4	2.3	1.7	1.6	0.9	1.0	1.0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



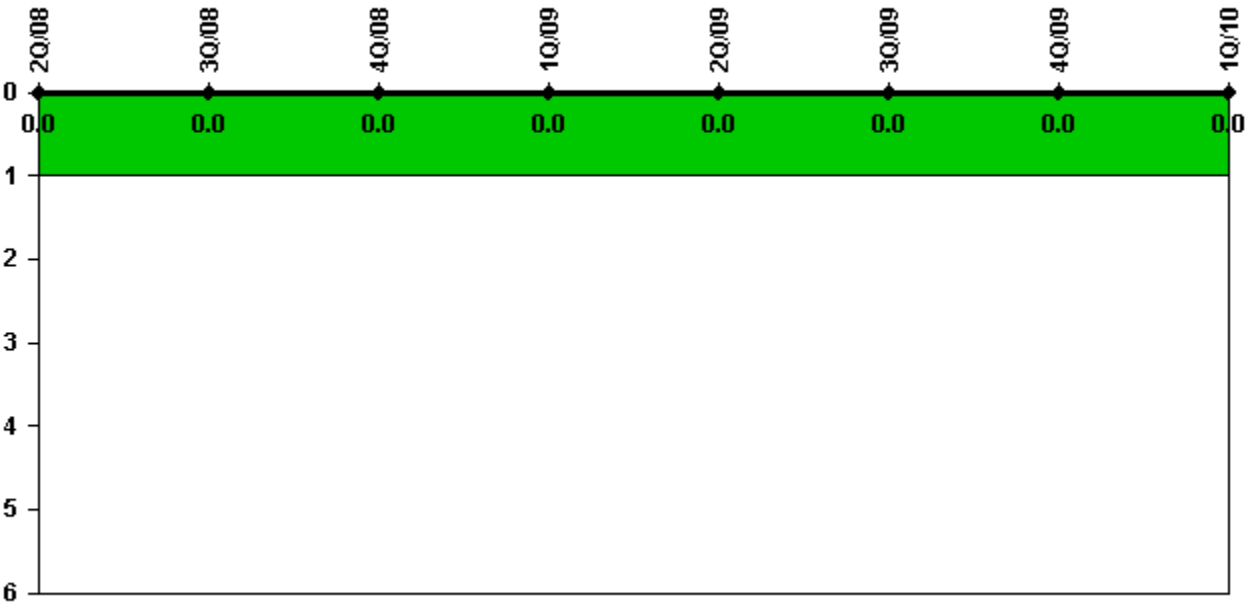
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Unplanned power changes	0	0	0	1.0	0	1.0	0	0
Critical hours	2112.2	2208.0	2209.0	2159.0	1018.6	1402.9	2209.0	2159.0
Indicator value	2.4	1.1	0.8	0.8	0.9	2.1	2.1	1.0

Licensee Comments: none

Unplanned Scrams with Complications



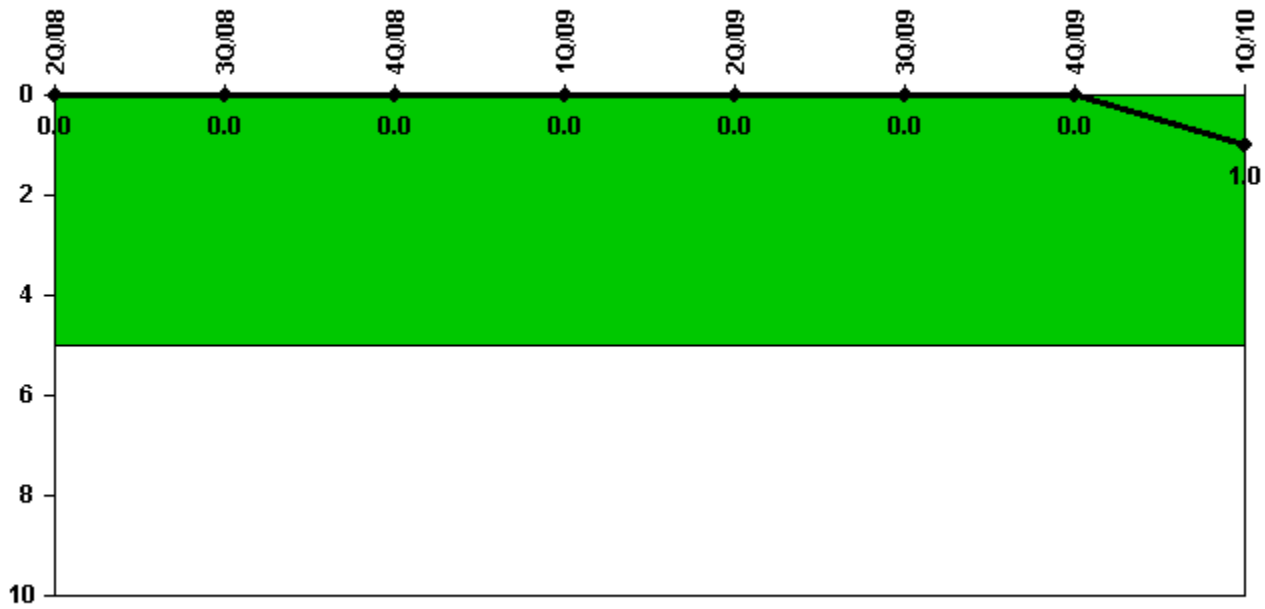
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
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 (PWR)



Thresholds: White > 5.0

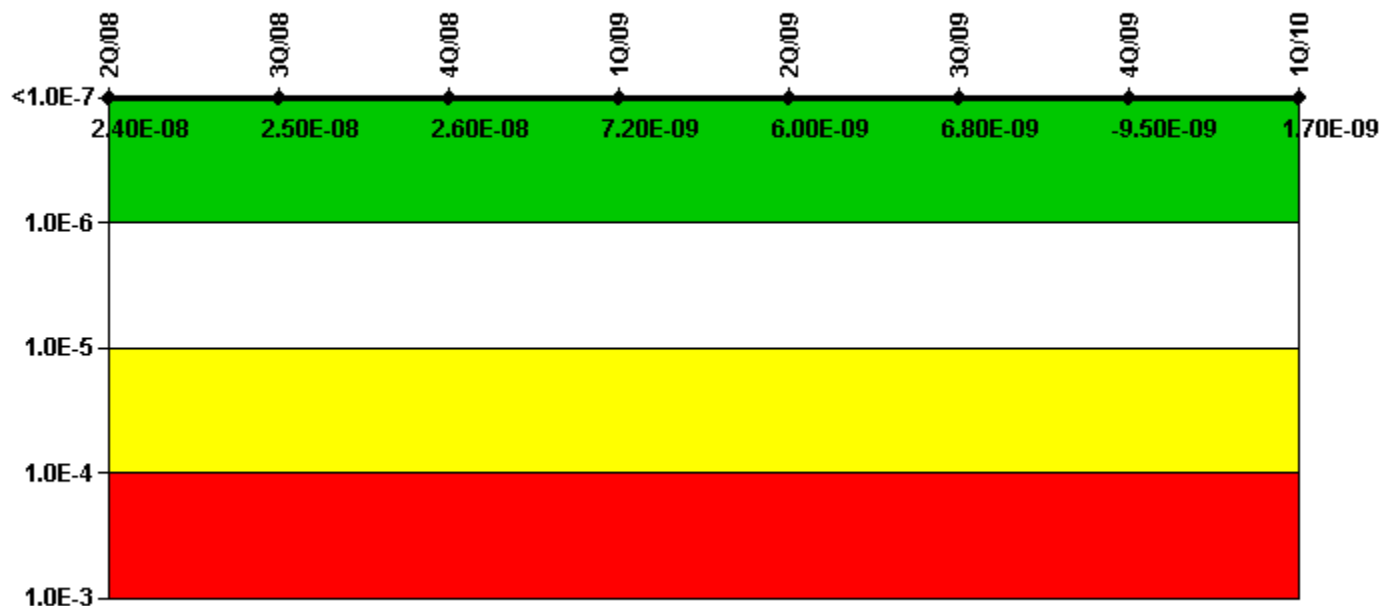
Notes

Safety System Functional Failures (PWR)	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Safety System Functional Failures	0	0	0	0	0	0	0	1
Indicator value	0	0	0	0	0	0	0	1

Licensee Comments:

1Q/10: Unit 2 March SSFF LER 50-389/2010-001

Mitigating Systems Performance Index, Emergency AC Power System



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

Notes

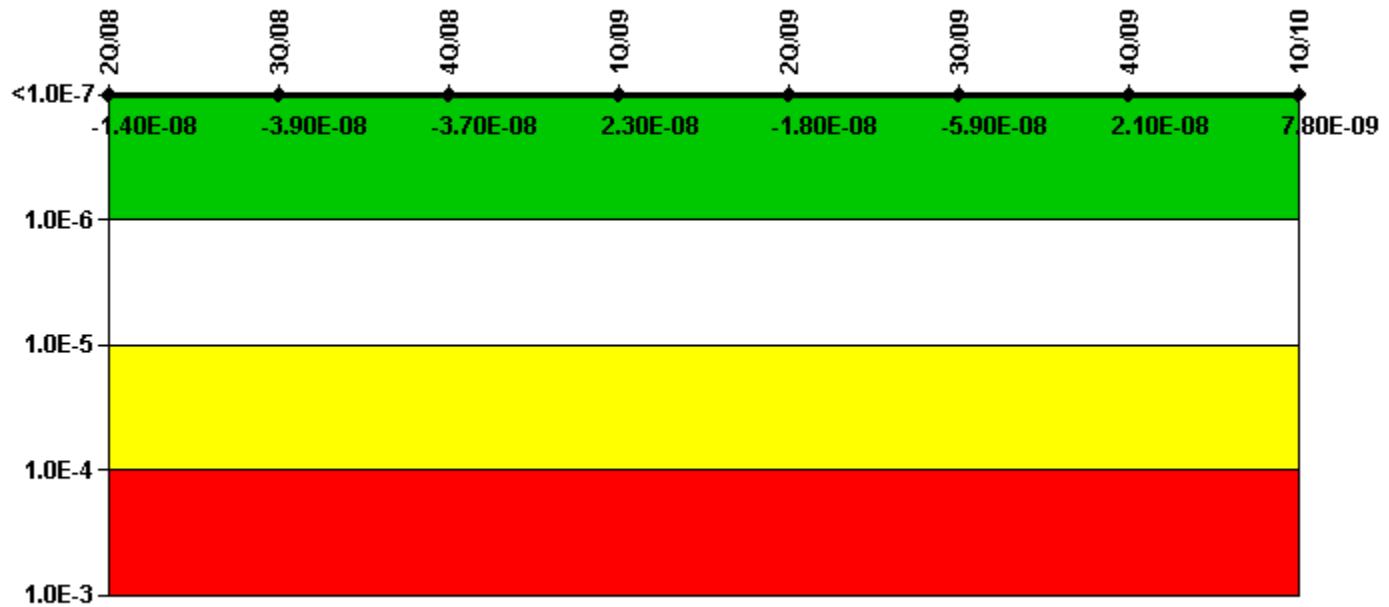
Mitigating Systems Performance Index, Emergency AC Power System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (ΔCDF)	5.51E-08	5.64E-08	5.72E-08	3.81E-08	3.69E-08	3.77E-08	7.39E-09	1.86E-08
URI (ΔCDF)	-3.09E-08	-3.09E-08	-3.09E-08	-3.09E-08	-3.09E-08	-3.09E-08	-1.69E-08	-1.69E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.40E-08	2.50E-08	2.60E-08	7.20E-09	6.00E-09	6.80E-09	-9.50E-09	1.70E-09

Licensee Comments:

1Q/10: Changes to PRA Parameter(s) were made in 4th quarter 2009 and were appropriately commented for that quarter's submittal.

4Q/09: CDE PRA values were revised to reflect the updated PRA models (for Unit 1 & 2 models) that were approved August 2009. The updated PRA models included the following PRA elements: revised simplified LERF model (Level 2), revised CCF analysis, revised unit 1 success criteria analysis, revised pre-initiating human reliability analysis, revised interfacing system LOCA analysis, and inclusion of containment isolation system fault tree.

Mitigating Systems Performance Index, High Pressure Injection System



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

Notes

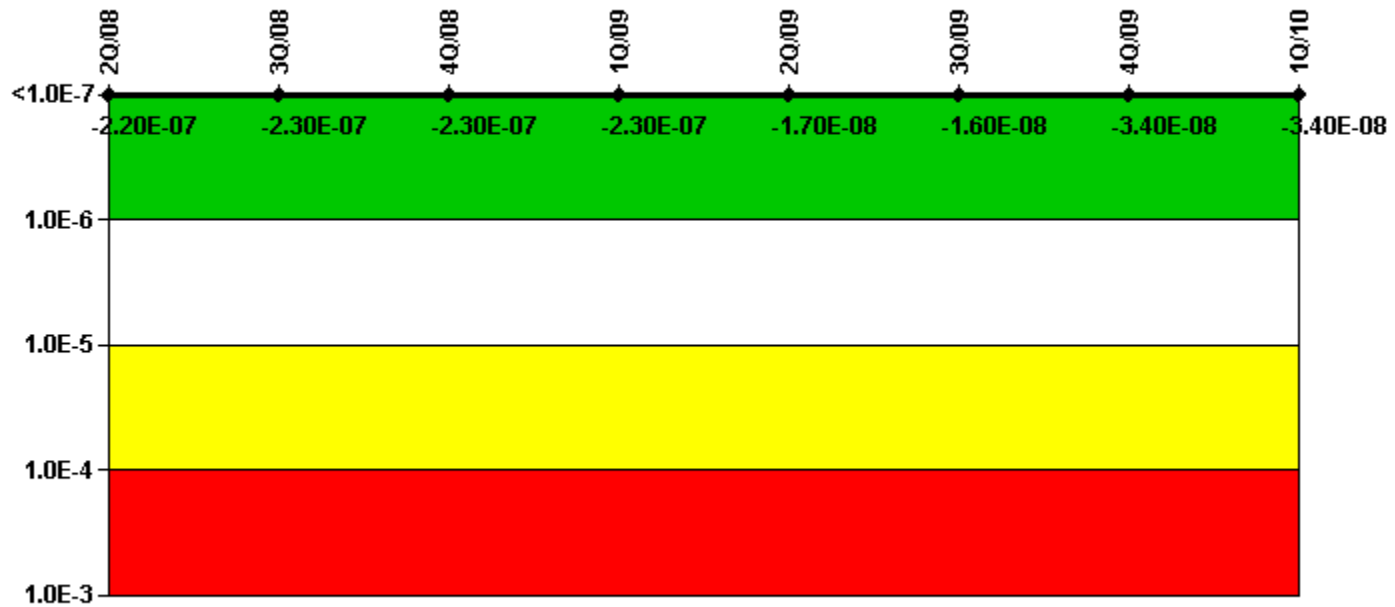
Mitigating Systems Performance Index, High Pressure Injection System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (ΔCDF)	1.19E-07	9.51E-08	9.70E-08	1.57E-07	1.15E-07	7.44E-08	1.93E-07	1.80E-07
URI (ΔCDF)	-1.34E-07	-1.34E-07	-1.34E-07	-1.34E-07	-1.34E-07	-1.34E-07	-1.72E-07	-1.72E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.40E-08	-3.90E-08	-3.70E-08	2.30E-08	-1.80E-08	-5.90E-08	2.10E-08	7.80E-09

Licensee Comments:

1Q/10: Changes to PRA Parameter(s) were made in 4th quarter 2009 and were appropriately commented for that quarter's submittal.

4Q/09: CDE PRA values were revised to reflect the updated PRA models (for Unit 1 & 2 models) that were approved August 2009. The updated PRA models included the following PRA elements: revised simplified LERF model (Level 2), revised CCF analysis, revised unit 1 success criteria analysis, revised pre-initiating human reliability analysis, revised interfacing system LOCA analysis, and inclusion of containment isolation system fault tree.

Mitigating Systems Performance Index, Heat Removal System



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

Notes

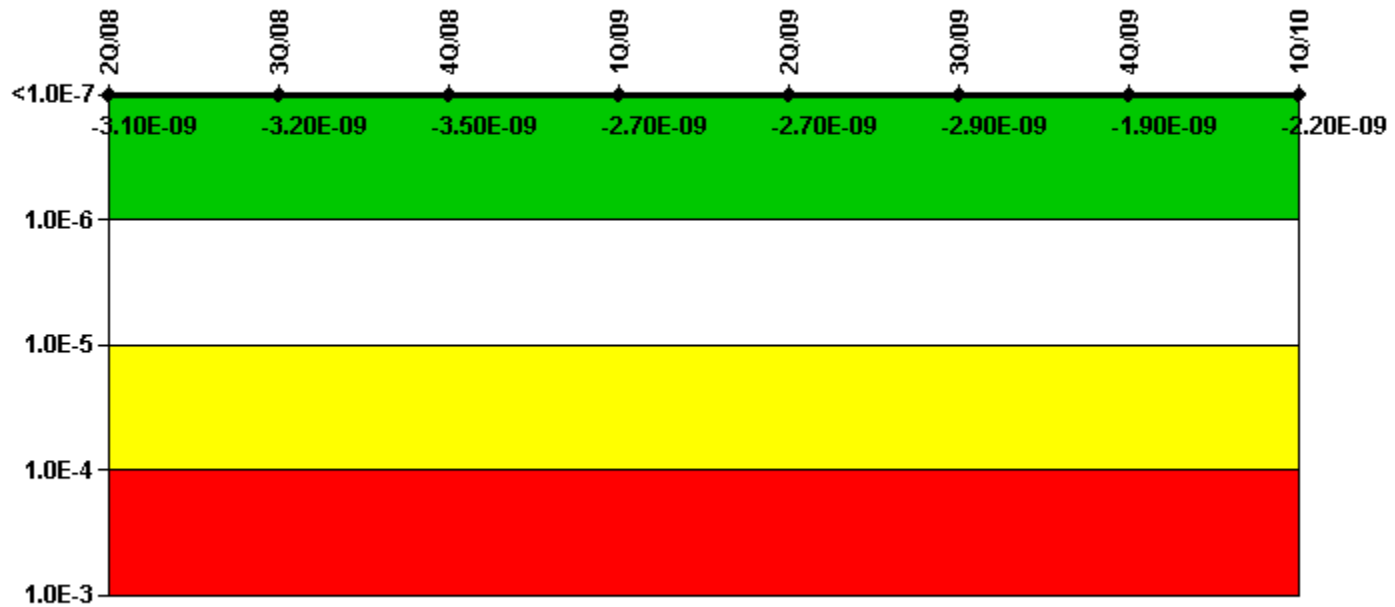
Mitigating Systems Performance Index, Heat Removal System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (ΔCDF)	-4.21E-08	-5.63E-08	-5.63E-08	-5.63E-08	-2.11E-08	-1.98E-08	-1.54E-10	-1.54E-10
URI (ΔCDF)	-1.79E-07	-1.78E-07	-1.78E-07	-1.78E-07	4.23E-09	4.23E-09	-3.37E-08	-3.37E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.20E-07	-2.30E-07	-2.30E-07	-2.30E-07	-1.70E-08	-1.60E-08	-3.40E-08	-3.40E-08

Licensee Comments:

1Q/10: Changes to PRA Parameter(s) were made in 4th quarter 2009 and were appropriately commented for that quarter's submittal.

4Q/09: CDE PRA values were revised to reflect the updated PRA models (for Unit 1 & 2 models) that were approved August 2009. The updated PRA models included the following PRA elements: revised simplified LERF model (Level 2), revised CCF analysis, revised unit 1 success criteria analysis, revised pre-initiating human reliability analysis, revised interfacing system LOCA analysis, and inclusion of containment isolation system fault tree.

Mitigating Systems Performance Index, Residual Heat Removal System



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

Notes

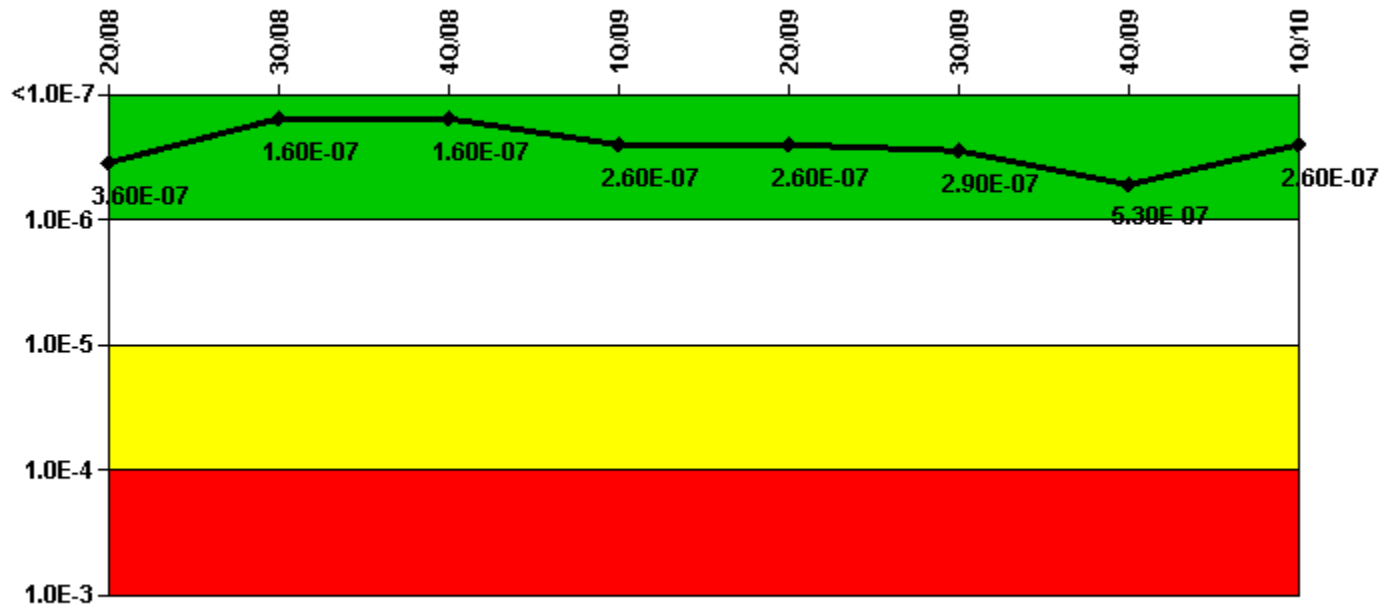
Mitigating Systems Performance Index, Residual Heat Removal System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (ΔCDF)	6.38E-11	4.83E-12	-3.22E-10	5.09E-10	4.55E-10	2.55E-10	2.17E-10	-6.03E-11
URI (ΔCDF)	-3.19E-09	-3.19E-09	-3.19E-09	-3.19E-09	-3.19E-09	-3.19E-09	-2.16E-09	-2.16E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.10E-09	-3.20E-09	-3.50E-09	-2.70E-09	-2.70E-09	-2.90E-09	-1.90E-09	-2.20E-09

Licensee Comments:

1Q/10: Changes to PRA Parameter(s) were made in 4th quarter 2009 and were appropriately commented for that quarter's submittal.

4Q/09: CDE PRA values were revised to reflect the updated PRA models (for Unit 1 & 2 models) that were approved August 2009. The updated PRA models included the following PRA elements: revised simplified LERF model (Level 2), revised CCF analysis, revised unit 1 success criteria analysis, revised pre-initiating human reliability analysis, revised interfacing system LOCA analysis, and inclusion of containment isolation system fault tree.

Mitigating Systems Performance Index, Cooling Water Systems



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

Notes

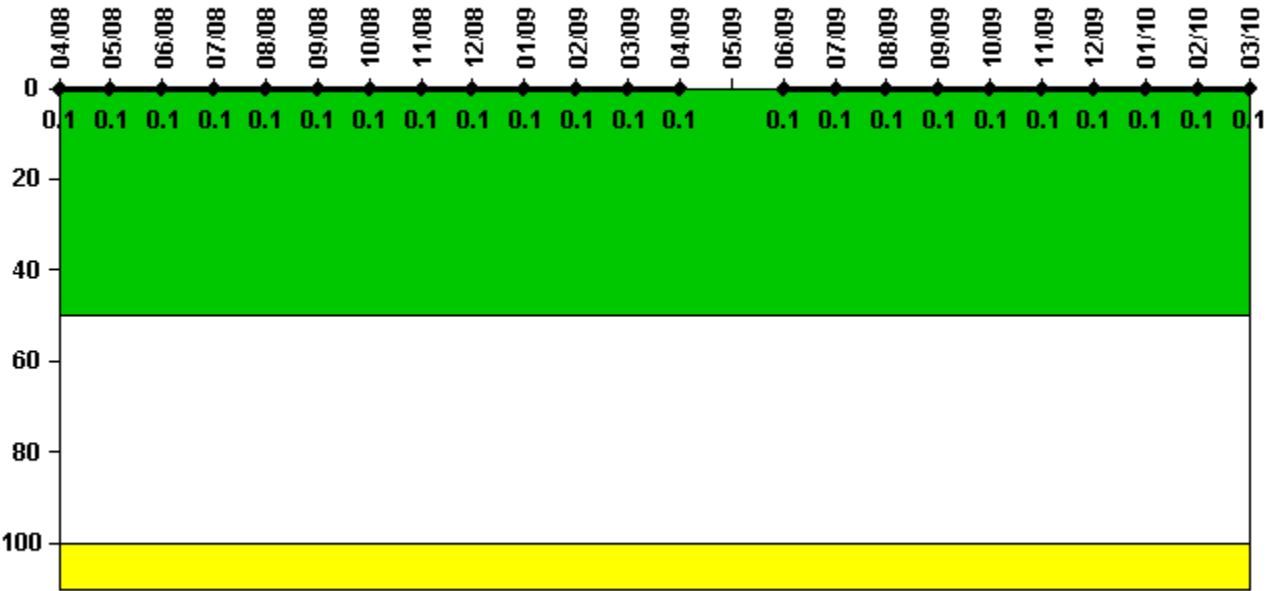
Mitigating Systems Performance Index, Cooling Water Systems	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (ΔCDF)	3.65E-07	1.73E-07	1.71E-07	2.71E-07	2.66E-07	2.96E-07	5.41E-07	2.70E-07
URI (ΔCDF)	-9.04E-09	-9.04E-09	-1.00E-08	-1.00E-08	-1.07E-08	-1.07E-08	-8.88E-09	-8.88E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.60E-07	1.60E-07	1.60E-07	2.60E-07	2.60E-07	2.90E-07	5.30E-07	2.60E-07

Licensee Comments:

1Q/10: Changes to PRA Parameter(s) were made in 4th quarter 2009 and were appropriately commented for that quarter's submittal.

4Q/09: CDE PRA values were revised to reflect the updated PRA models (for Unit 1 & 2 models) that were approved August 2009. The updated PRA models included the following PRA elements: revised simplified LERF model (Level 2), revised CCF analysis, revised unit 1 success criteria analysis, revised pre-initiating human reliability analysis, revised interfacing system LOCA analysis, and inclusion of containment isolation system fault tree.

Reactor Coolant System Activity



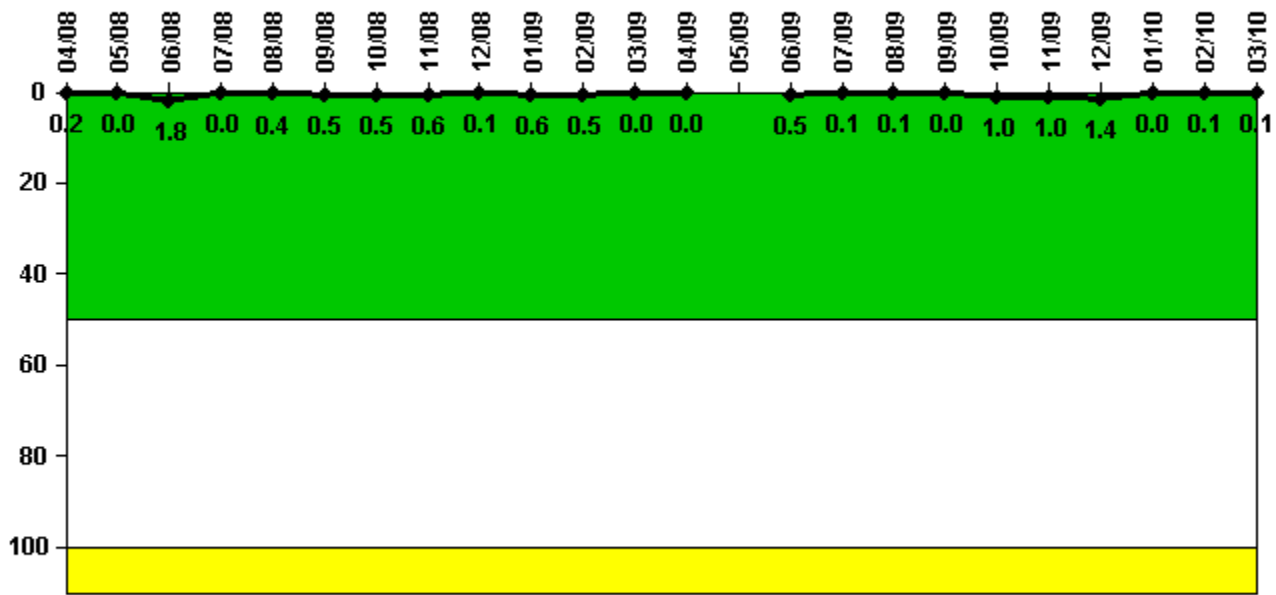
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	4/08	5/08	6/08	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09
Maximum activity	0.000550	0.000604	0.000605	0.000630	0.000668	0.000669	0.000660	0.000690	0.000690	0.000694	0.000733	0.000785
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
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
Reactor Coolant System Activity	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10
Maximum activity	0.001330	N/A	0.000809	0.000847	0.000864	0.000892	0.000944	0.000897	0.000944	0.000951	0.001020	0.001060
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	N/A	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



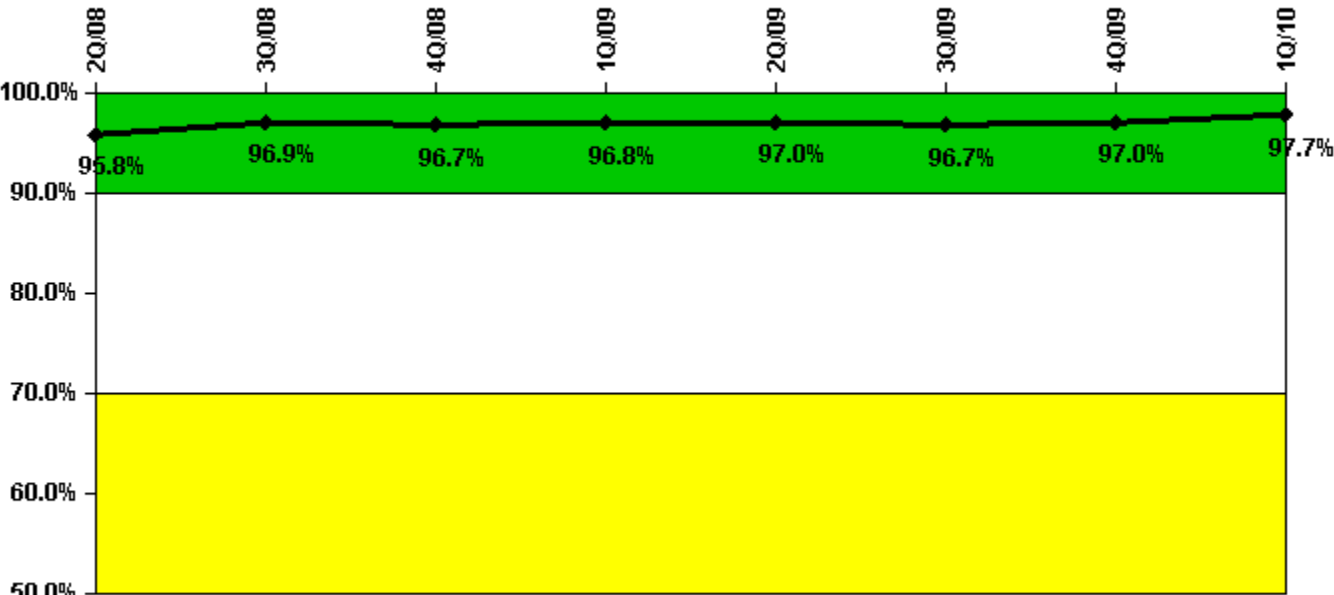
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/08	5/08	6/08	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09
Maximum leakage	0.020	0.002	0.180	0.002	0.040	0.050	0.050	0.060	0.010	0.060	0.050	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0	1.8	0	0.4	0.5	0.5	0.6	0.1	0.6	0.5	0
Reactor Coolant System Leakage	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10
Maximum leakage	0	N/A	0.053	0.005	0.005	0	0.100	0.100	0.140	0.002	0.010	0.007
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	N/A	0.5	0.1	0.1	0	1.0	1.0	1.4	0	0.1	0.1

Licensee Comments: none

Drill/Exercise Performance



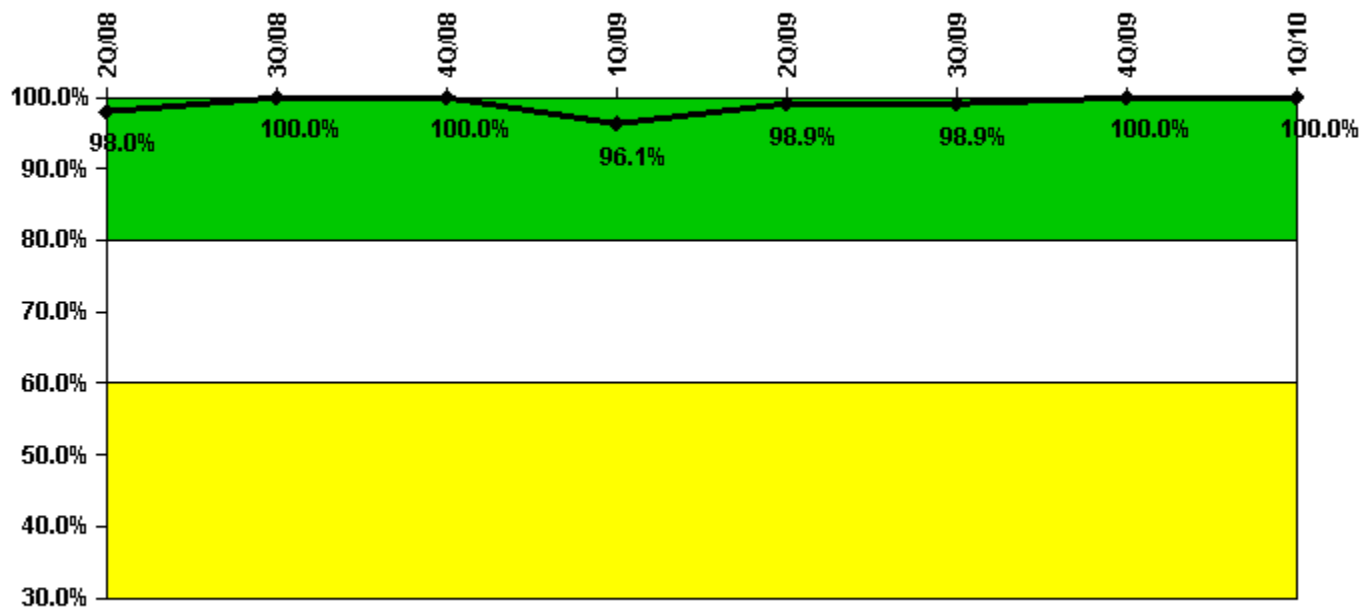
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Successful opportunities	48.0	68.0	16.0	39.0	26.0	51.0	74.0	21.0
Total opportunities	51.0	69.0	17.0	39.0	26.0	53.0	75.0	21.0
Indicator value	95.8%	96.9%	96.7%	96.8%	97.0%	96.7%	97.0%	97.7%

Licensee Comments: none

ERO Drill Participation



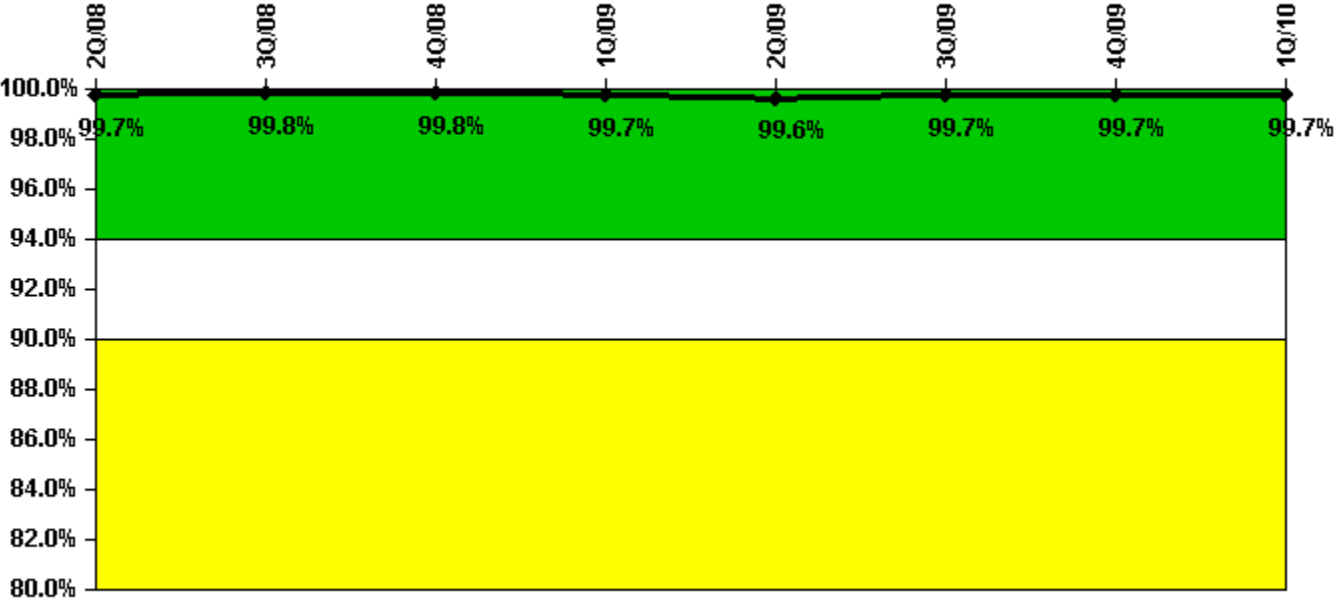
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Participating Key personnel	96.0	97.0	103.0	99.0	93.0	92.0	96.0	93.0
Total Key personnel	98.0	97.0	103.0	103.0	94.0	93.0	96.0	93.0
Indicator value	98.0%	100.0%	100.0%	96.1%	98.9%	98.9%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



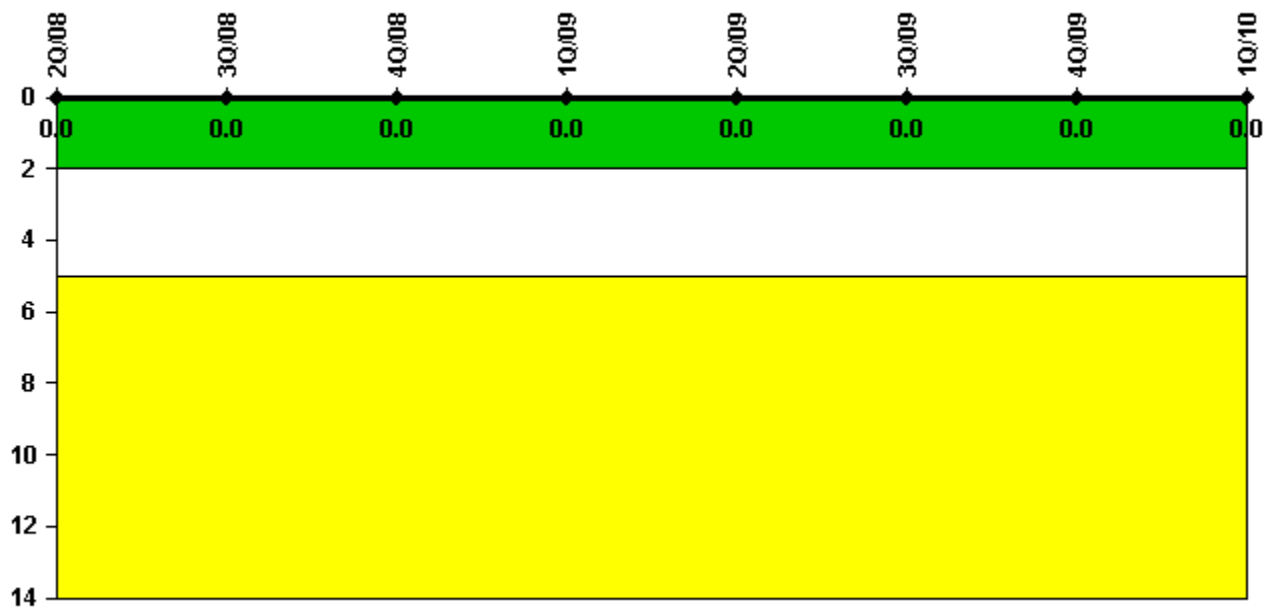
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Successful siren-tests	719	627	720	626	717	630	718	627
Total sirens-tests	720	630	720	630	720	630	720	630
Indicator value	99.7%	99.8%	99.8%	99.7%	99.6%	99.7%	99.7%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



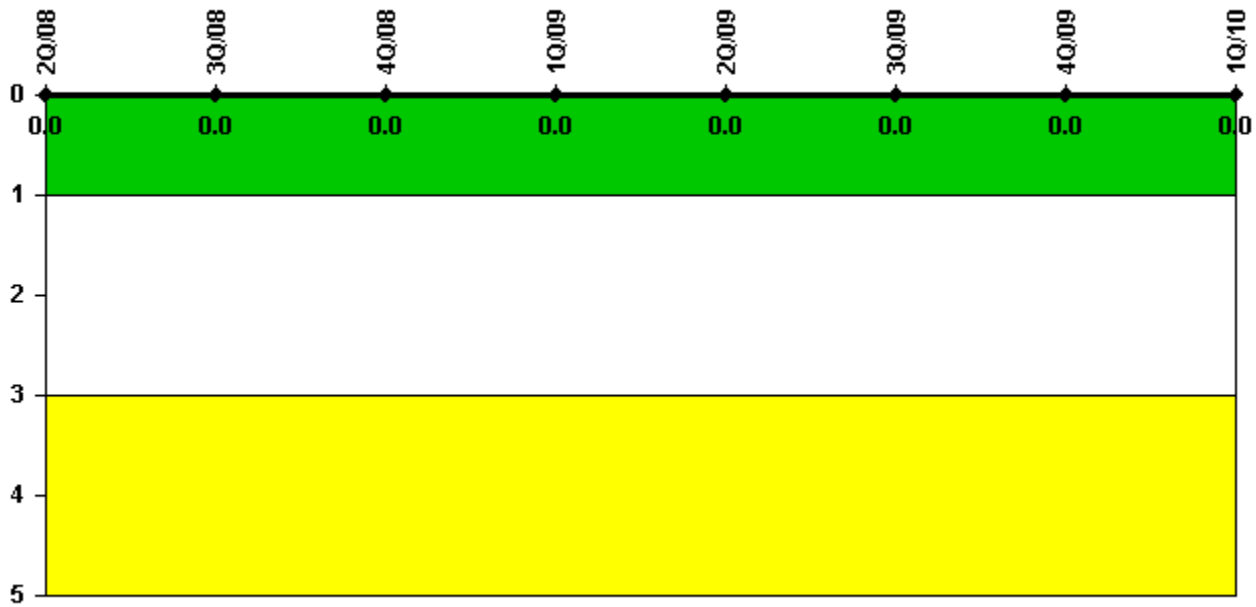
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
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/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

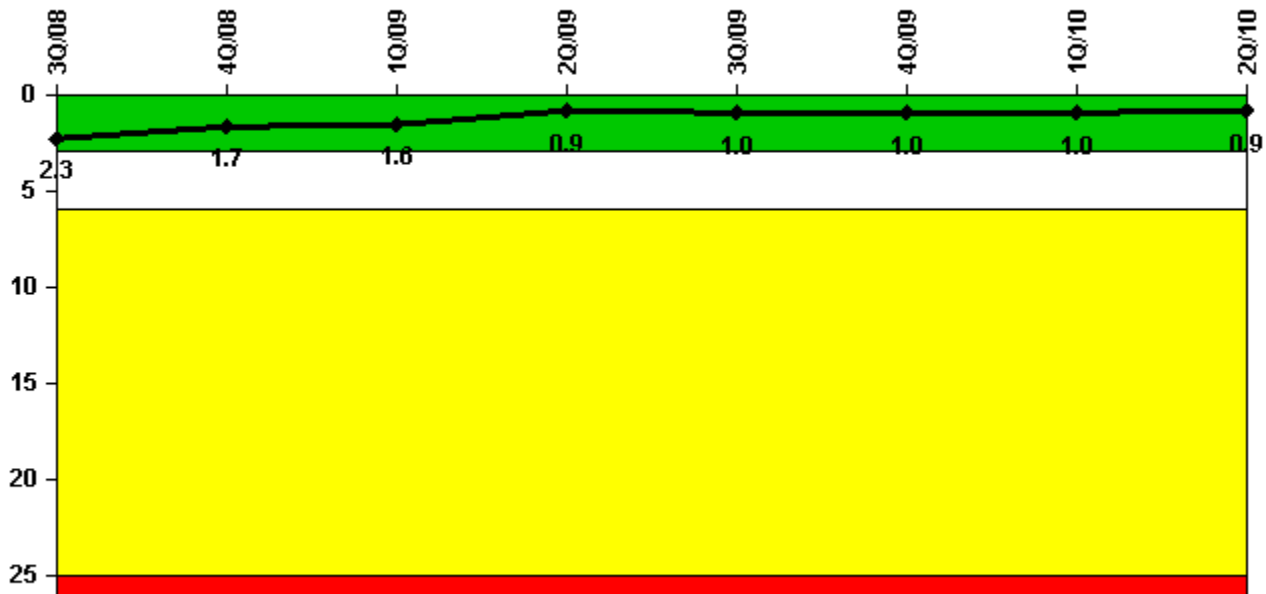
[Security](#) information not publicly available.

Saint Lucie 2

2Q/2010 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



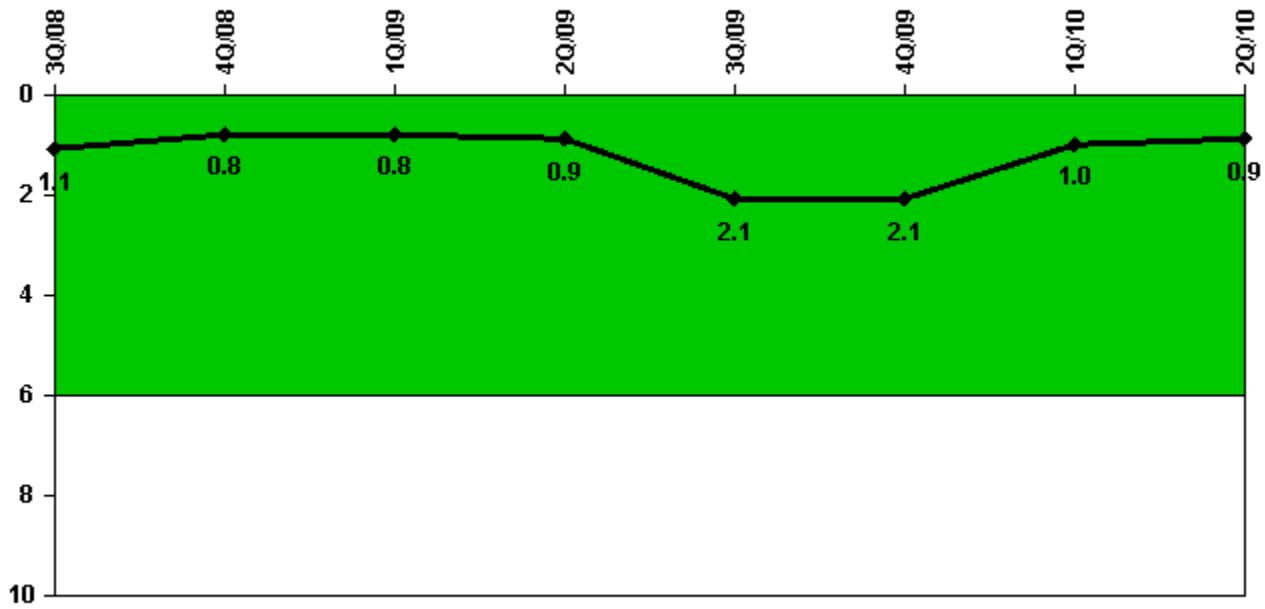
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Unplanned scrams	0	0	0	1.0	0	0	0	1.0
Critical hours	2208.0	2209.0	2159.0	1018.6	1402.9	2209.0	2159.0	2049.2
Indicator value	2.3	1.7	1.6	0.9	1.0	1.0	1.0	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



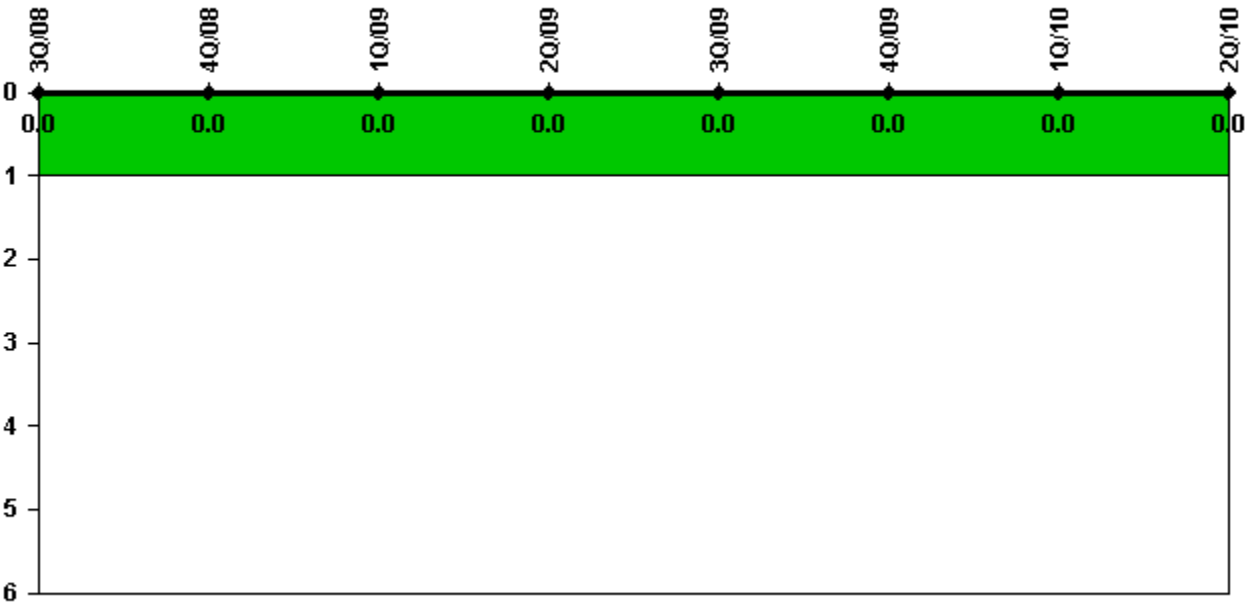
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Unplanned power changes	0	0	1.0	0	1.0	0	0	0
Critical hours	2208.0	2209.0	2159.0	1018.6	1402.9	2209.0	2159.0	2049.2
Indicator value	1.1	0.8	0.8	0.9	2.1	2.1	1.0	0.9

Licensee Comments: none

Unplanned Scrams with Complications



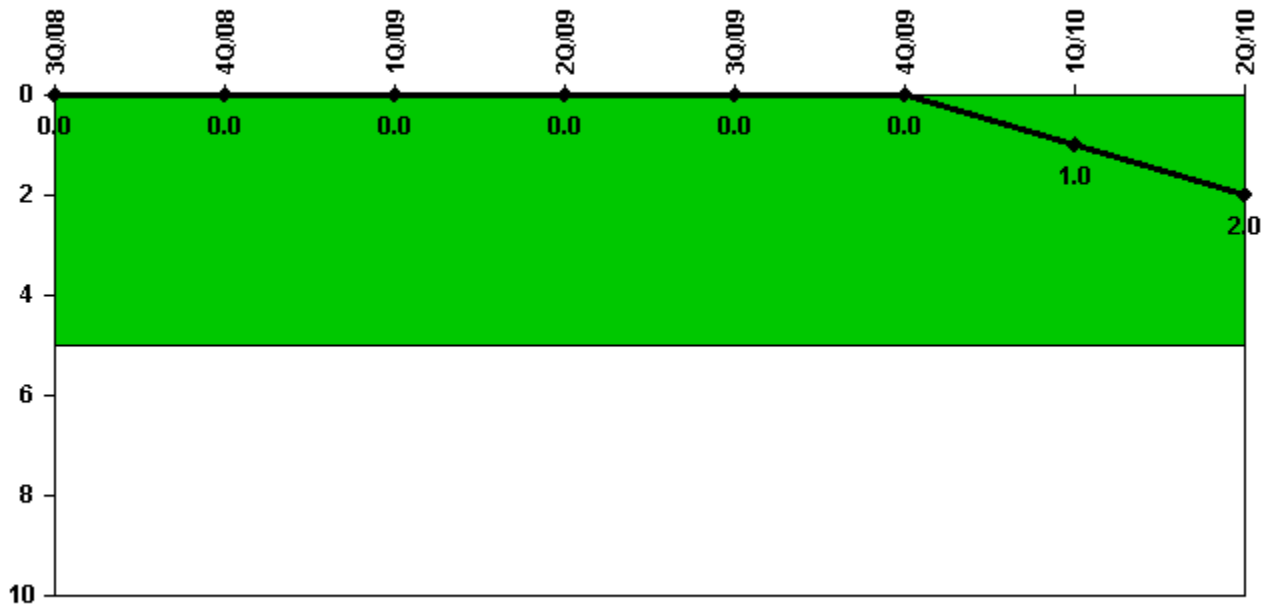
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
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 (PWR)



Thresholds: White > 5.0

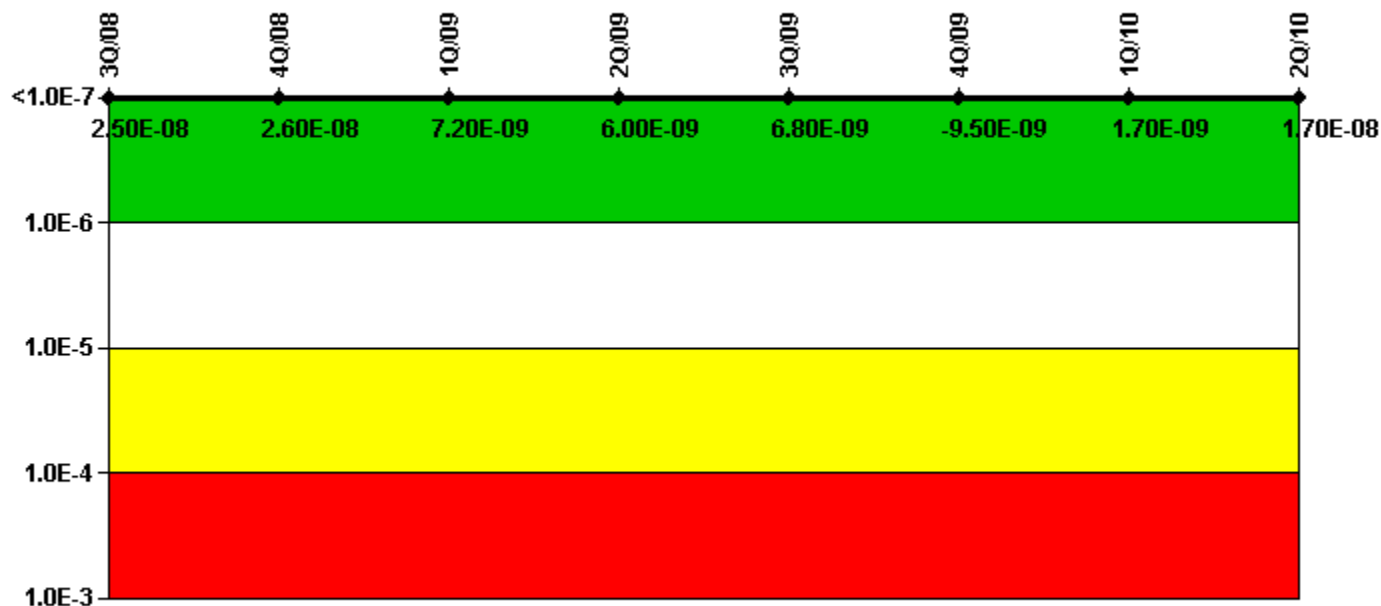
Notes

Safety System Functional Failures (PWR)	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Safety System Functional Failures	0	0	0	0	0	0	1	1
Indicator value	0	0	0	0	0	0	1	2

Licensee Comments:

2Q/10: June SSFF documented in LER 50-335, 50-389/2010-003-00

Mitigating Systems Performance Index, Emergency AC Power System



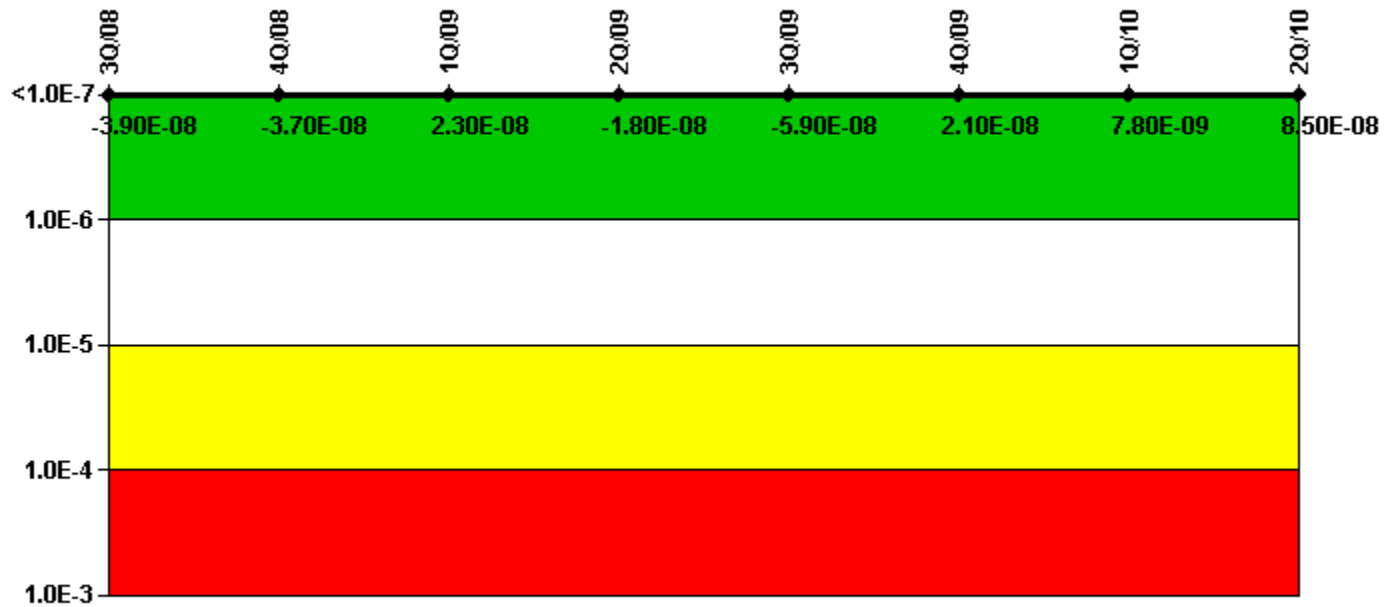
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (ΔCDF)	5.64E-08	5.72E-08	3.81E-08	3.69E-08	3.77E-08	7.39E-09	1.86E-08	2.24E-08
URI (ΔCDF)	-3.09E-08	-3.09E-08	-3.09E-08	-3.09E-08	-3.09E-08	-1.69E-08	-1.69E-08	-5.15E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.50E-08	2.60E-08	7.20E-09	6.00E-09	6.80E-09	-9.50E-09	1.70E-09	1.70E-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	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (ΔCDF)	9.51E-08	9.70E-08	1.57E-07	1.15E-07	7.44E-08	1.93E-07	1.80E-07	2.57E-07
URI (ΔCDF)	-1.34E-07	-1.34E-07	-1.34E-07	-1.34E-07	-1.34E-07	-1.72E-07	-1.72E-07	-1.72E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.90E-08	-3.70E-08	2.30E-08	-1.80E-08	-5.90E-08	2.10E-08	7.80E-09	8.50E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



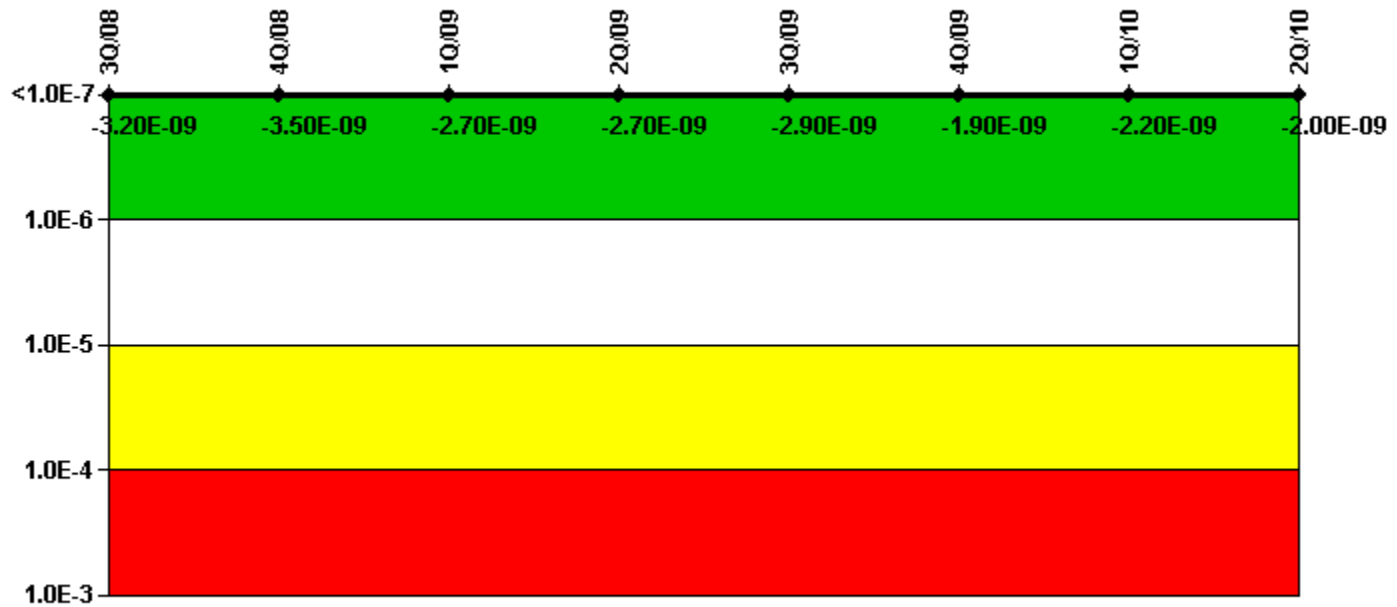
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (ΔCDF)	-5.63E-08	-5.63E-08	-5.63E-08	-2.11E-08	-1.98E-08	-1.54E-10	-1.54E-10	-9.66E-11
URI (ΔCDF)	-1.78E-07	-1.78E-07	-1.78E-07	4.23E-09	4.23E-09	-3.37E-08	-3.37E-08	-3.40E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.30E-07	-2.30E-07	-2.30E-07	-1.70E-08	-1.60E-08	-3.40E-08	-3.40E-08	-3.40E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



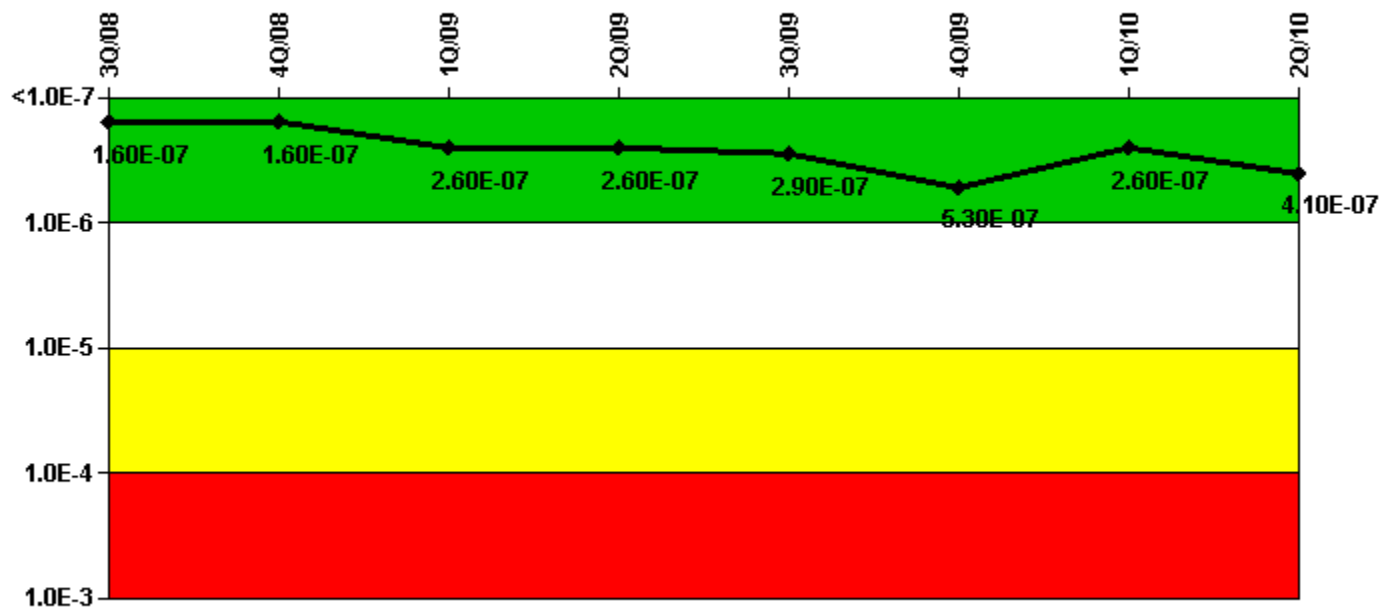
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (ΔCDF)	4.83E-12	-3.22E-10	5.09E-10	4.55E-10	2.55E-10	2.17E-10	-6.03E-11	1.27E-10
URI (ΔCDF)	-3.19E-09	-3.19E-09	-3.19E-09	-3.19E-09	-3.19E-09	-2.16E-09	-2.16E-09	-2.16E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.20E-09	-3.50E-09	-2.70E-09	-2.70E-09	-2.90E-09	-1.90E-09	-2.20E-09	-2.00E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



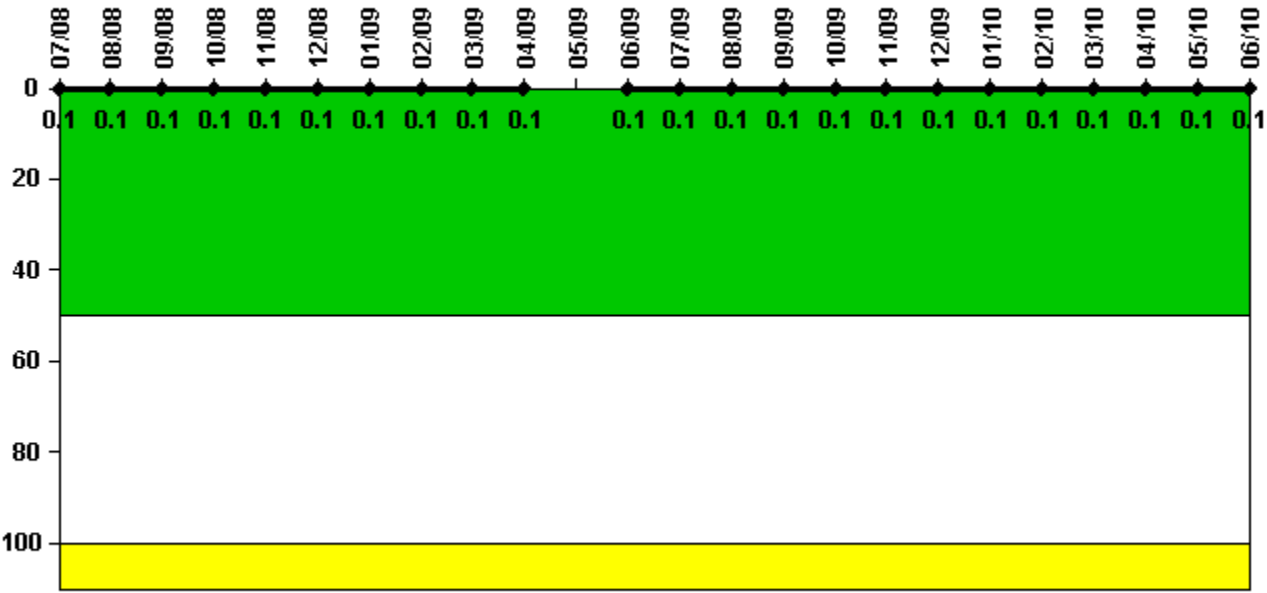
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (ΔCDF)	1.73E-07	1.71E-07	2.71E-07	2.66E-07	2.96E-07	5.41E-07	2.70E-07	4.15E-07
URI (ΔCDF)	-9.04E-09	-1.00E-08	-1.00E-08	-1.07E-08	-1.07E-08	-8.88E-09	-8.88E-09	-8.88E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.60E-07	1.60E-07	2.60E-07	2.60E-07	2.90E-07	5.30E-07	2.60E-07	4.10E-07

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

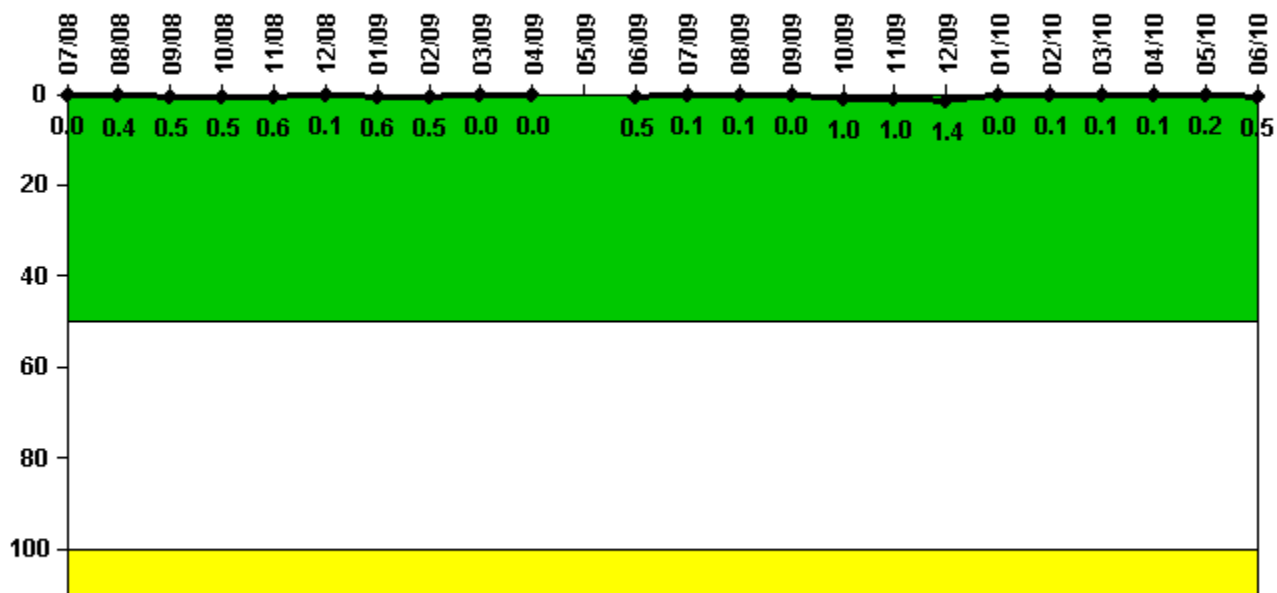
Notes

Reactor Coolant System Activity	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09	4/09	5/09	6/09
Maximum activity	0.000630	0.000668	0.000669	0.000660	0.000690	0.000690	0.000694	0.000733	0.000785	0.001330	N/A	0.000809
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	N/A	0.1

Reactor Coolant System Activity	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10	4/10	5/10	6/10
Maximum activity	0.000847	0.000864	0.000892	0.000944	0.000897	0.000944	0.000951	0.001020	0.001060	0.001030	0.001040	0.001170
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
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



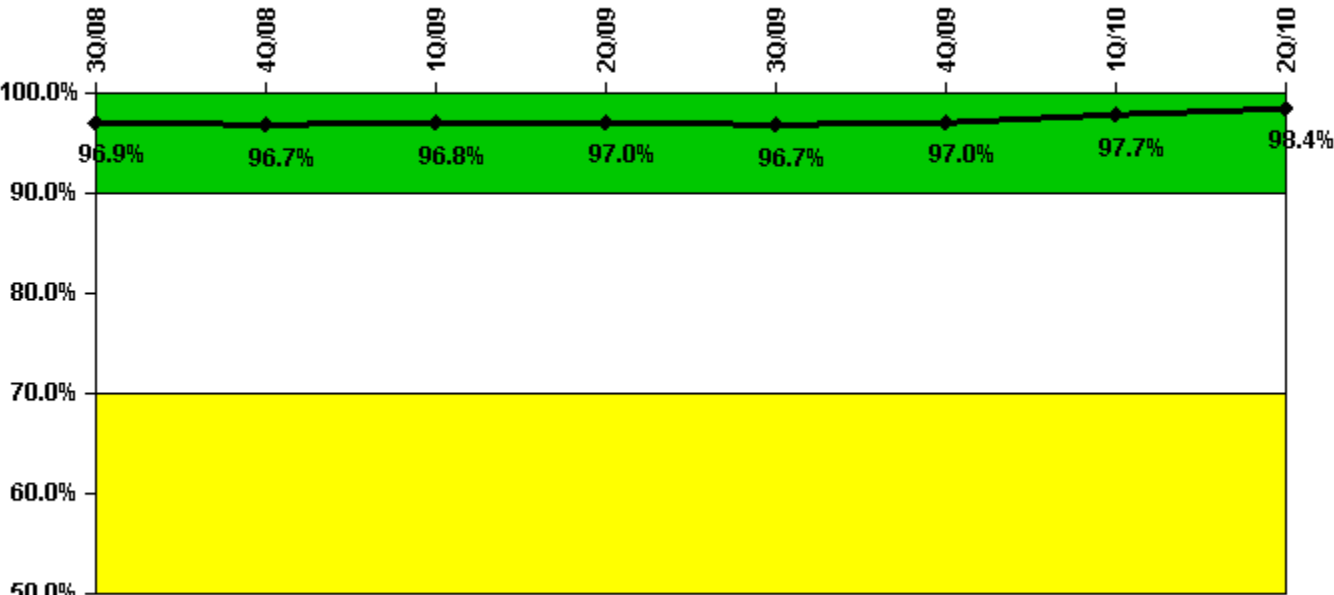
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09	4/09	5/09	6/09
Maximum leakage	0.002	0.040	0.050	0.050	0.060	0.010	0.060	0.050	0	0	N/A	0.053
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0.4	0.5	0.5	0.6	0.1	0.6	0.5	0	0	N/A	0.5
Reactor Coolant System Leakage	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10	4/10	5/10	6/10
Maximum leakage	0.005	0.005	0	0.100	0.100	0.140	0.002	0.010	0.007	0.010	0.020	0.050
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.1	0	1.0	1.0	1.4	0	0.1	0.1	0.1	0.2	0.5

Licensee Comments: none

Drill/Exercise Performance



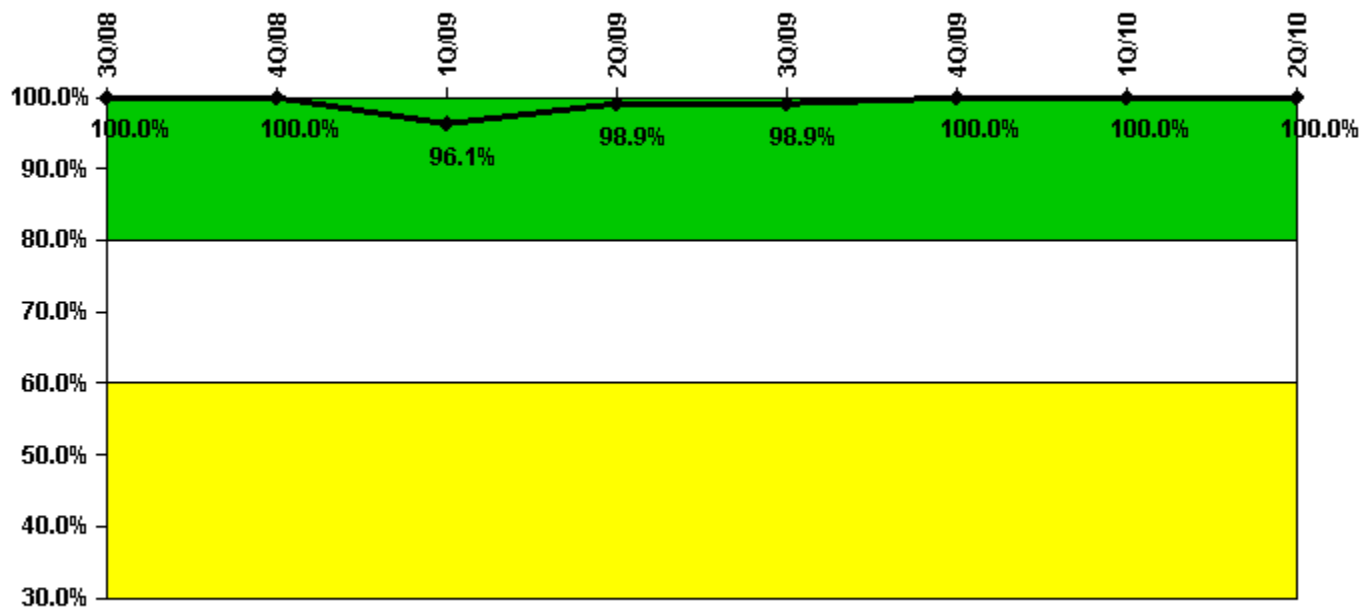
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Successful opportunities	68.0	16.0	39.0	26.0	51.0	74.0	21.0	9.0
Total opportunities	69.0	17.0	39.0	26.0	53.0	75.0	21.0	9.0
Indicator value	96.9%	96.7%	96.8%	97.0%	96.7%	97.0%	97.7%	98.4%

Licensee Comments: none

ERO Drill Participation



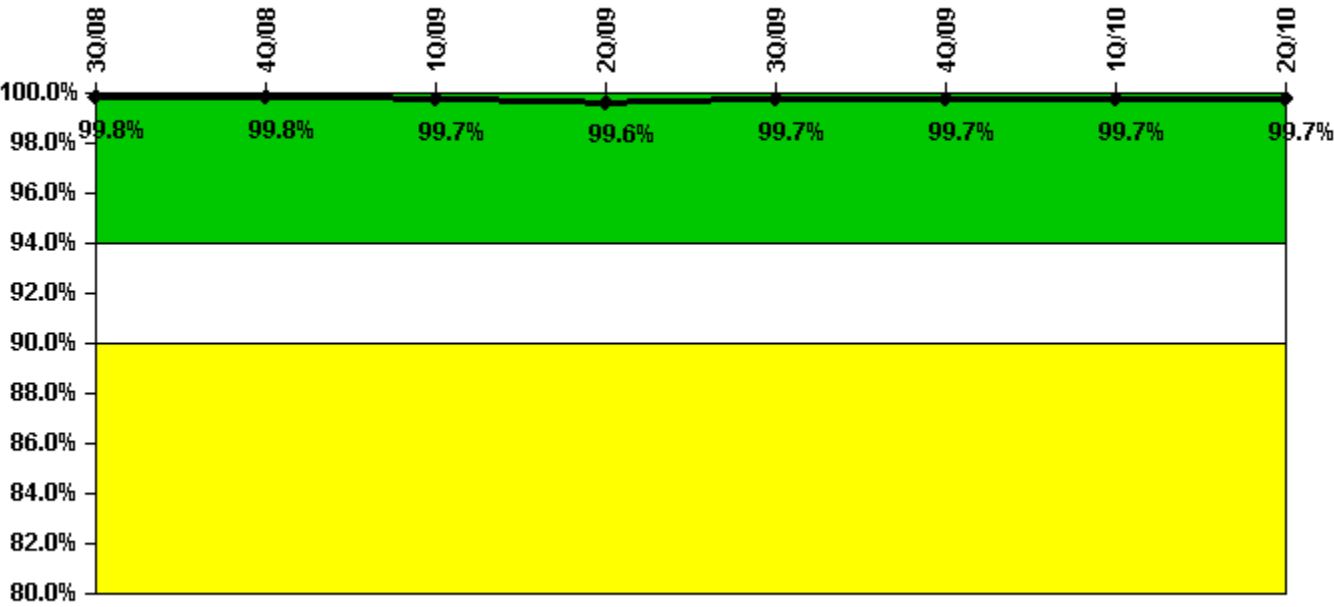
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Participating Key personnel	97.0	103.0	99.0	93.0	92.0	96.0	93.0	91.0
Total Key personnel	97.0	103.0	103.0	94.0	93.0	96.0	93.0	91.0
Indicator value	100.0%	100.0%	96.1%	98.9%	98.9%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



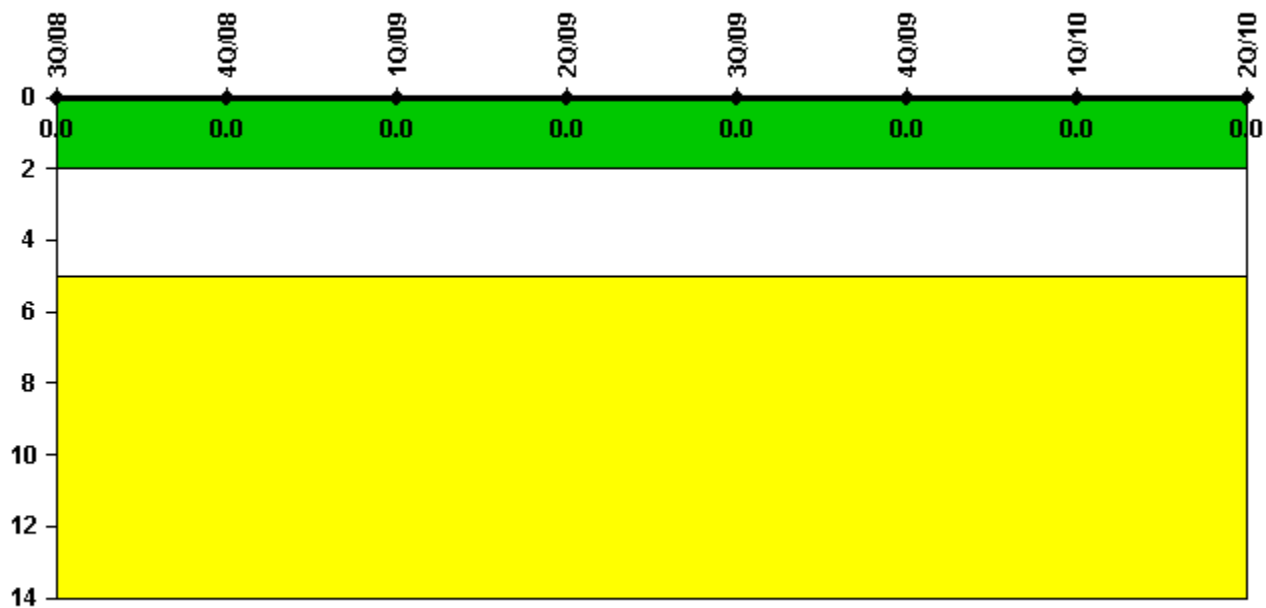
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Successful siren-tests	627	720	626	717	630	718	627	718
Total sirens-tests	630	720	630	720	630	720	630	720
Indicator value	99.8%	99.8%	99.7%	99.6%	99.7%	99.7%	99.7%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



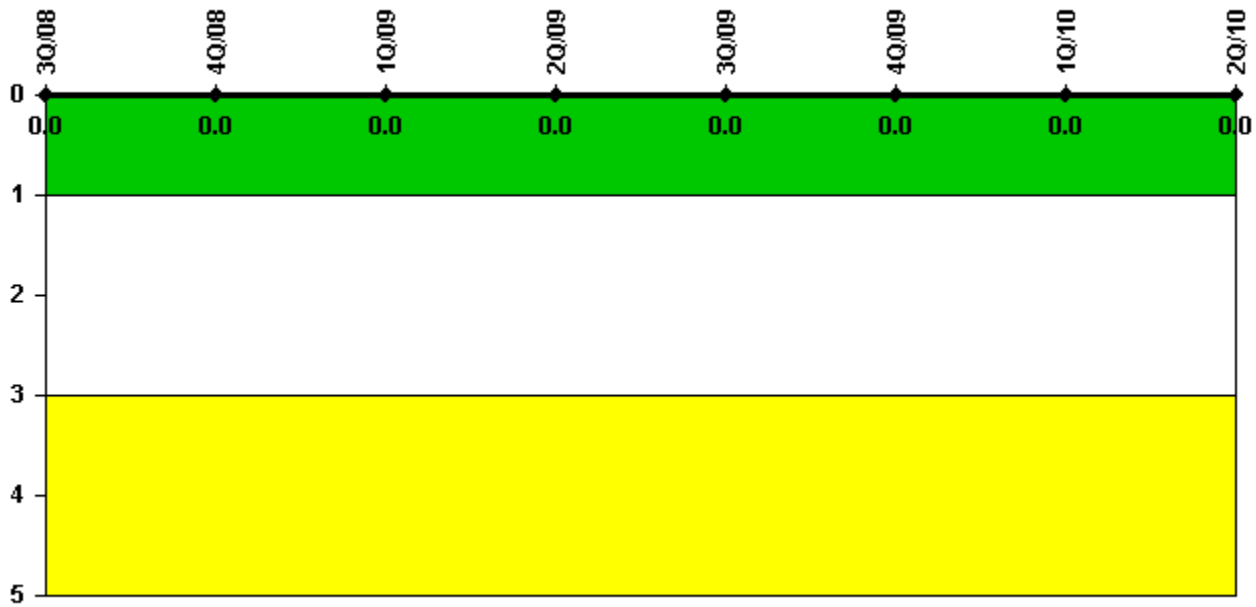
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
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/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

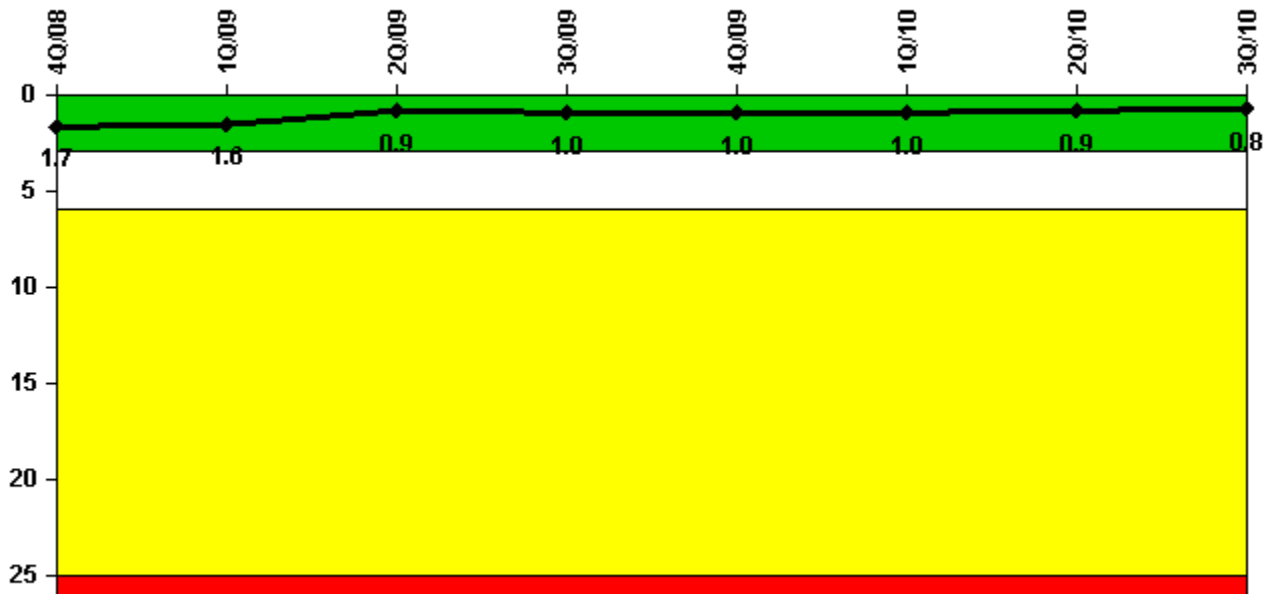
[Security](#) information not publicly available.

Saint Lucie 2

3Q/2010 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



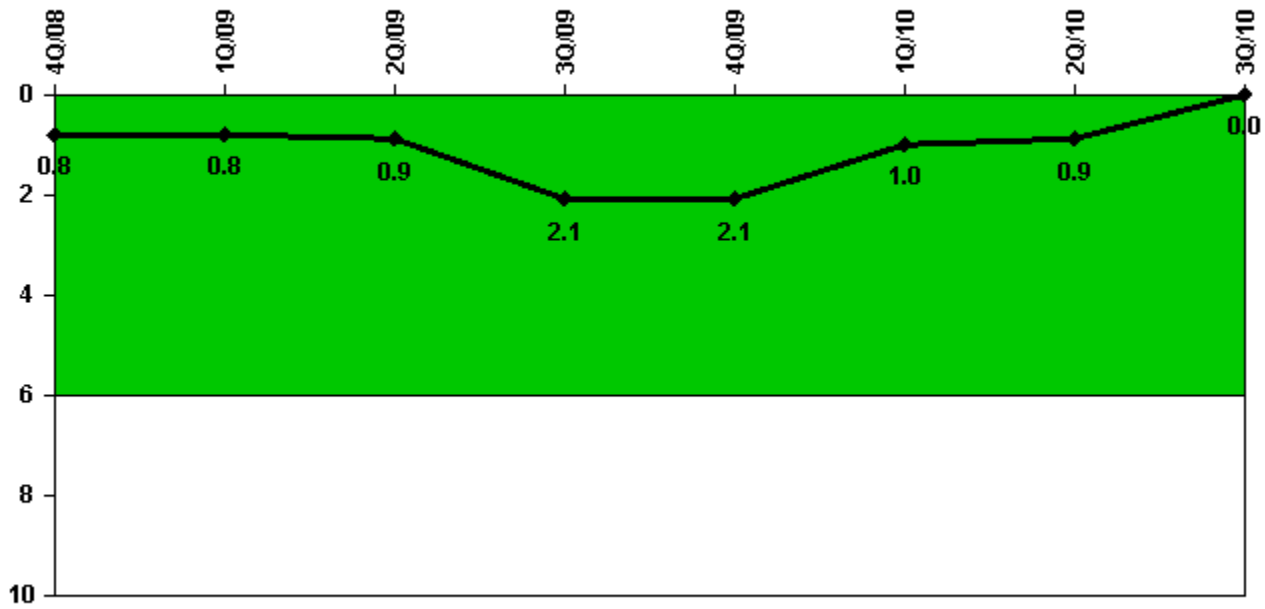
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Unplanned scrams	0	0	1.0	0	0	0	1.0	0
Critical hours	2209.0	2159.0	1018.6	1402.9	2209.0	2159.0	2049.2	2208.0
Indicator value	1.7	1.6	0.9	1.0	1.0	1.0	0.9	0.8

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



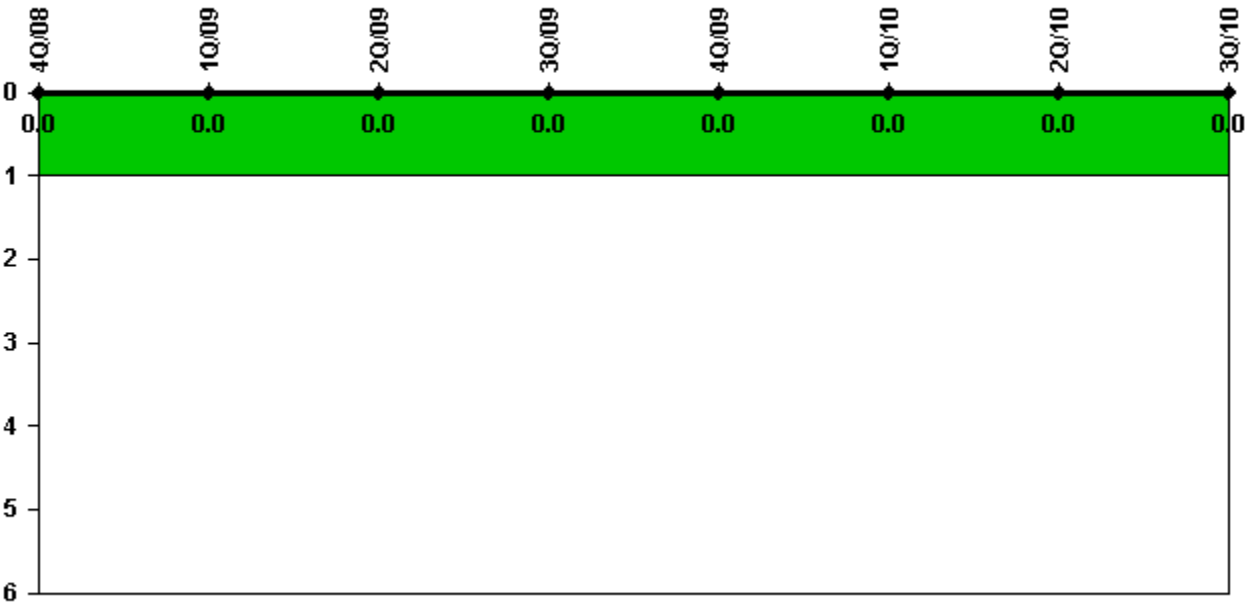
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Unplanned power changes	0	1.0	0	1.0	0	0	0	0
Critical hours	2209.0	2159.0	1018.6	1402.9	2209.0	2159.0	2049.2	2208.0
Indicator value	0.8	0.8	0.9	2.1	2.1	1.0	0.9	0

Licensee Comments: none

Unplanned Scrams with Complications



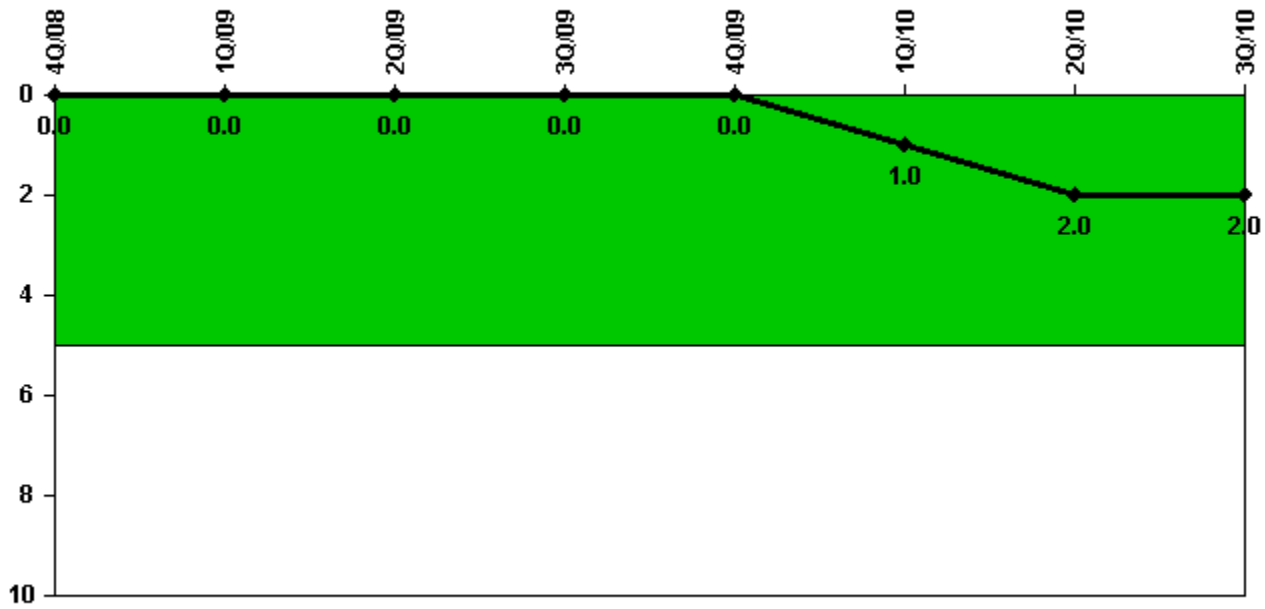
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
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 (PWR)



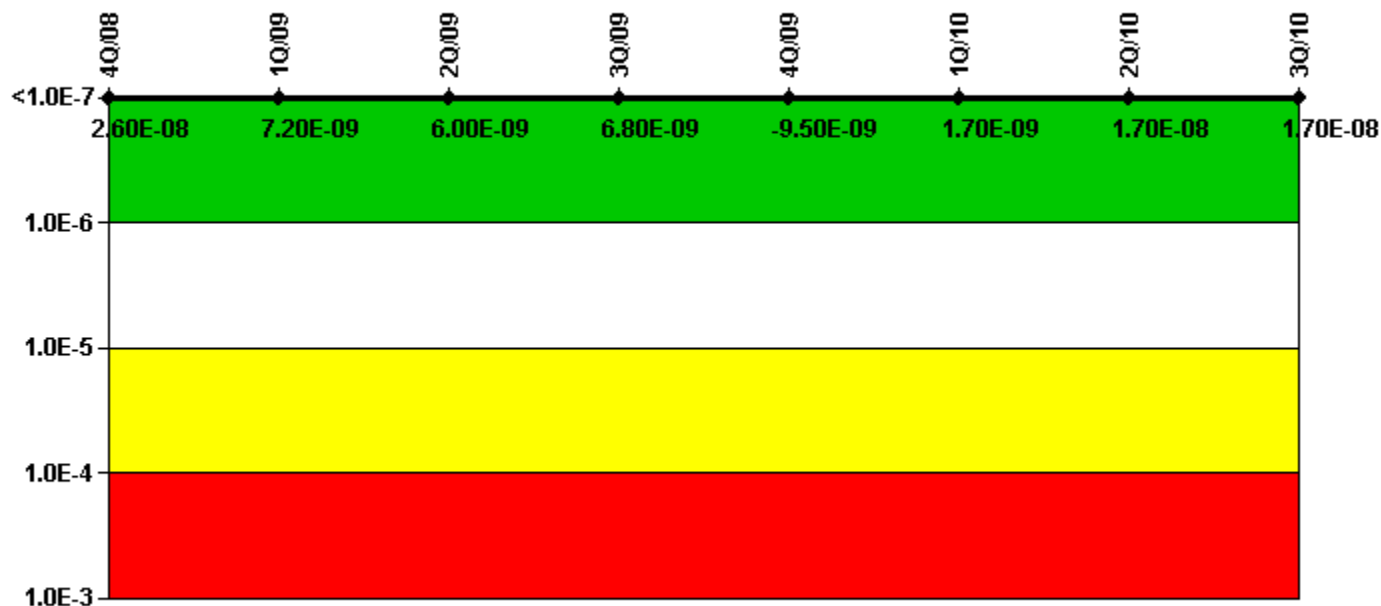
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Safety System Functional Failures	0	0	0	0	0	1	1	0
Indicator value	0	0	0	0	0	1	2	2

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



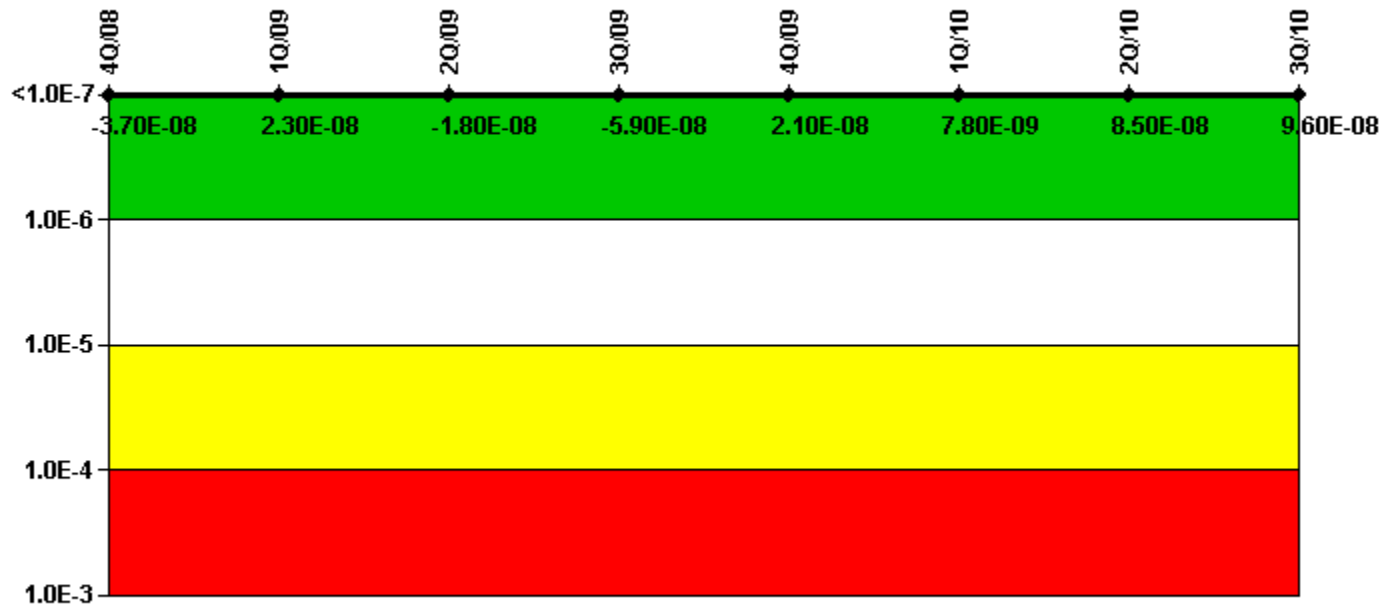
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (ΔCDF)	5.72E-08	3.81E-08	3.69E-08	3.77E-08	7.39E-09	1.86E-08	2.24E-08	2.24E-08
URI (ΔCDF)	-3.09E-08	-3.09E-08	-3.09E-08	-3.09E-08	-1.69E-08	-1.69E-08	-5.15E-09	-5.15E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.60E-08	7.20E-09	6.00E-09	6.80E-09	-9.50E-09	1.70E-09	1.70E-08	1.70E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



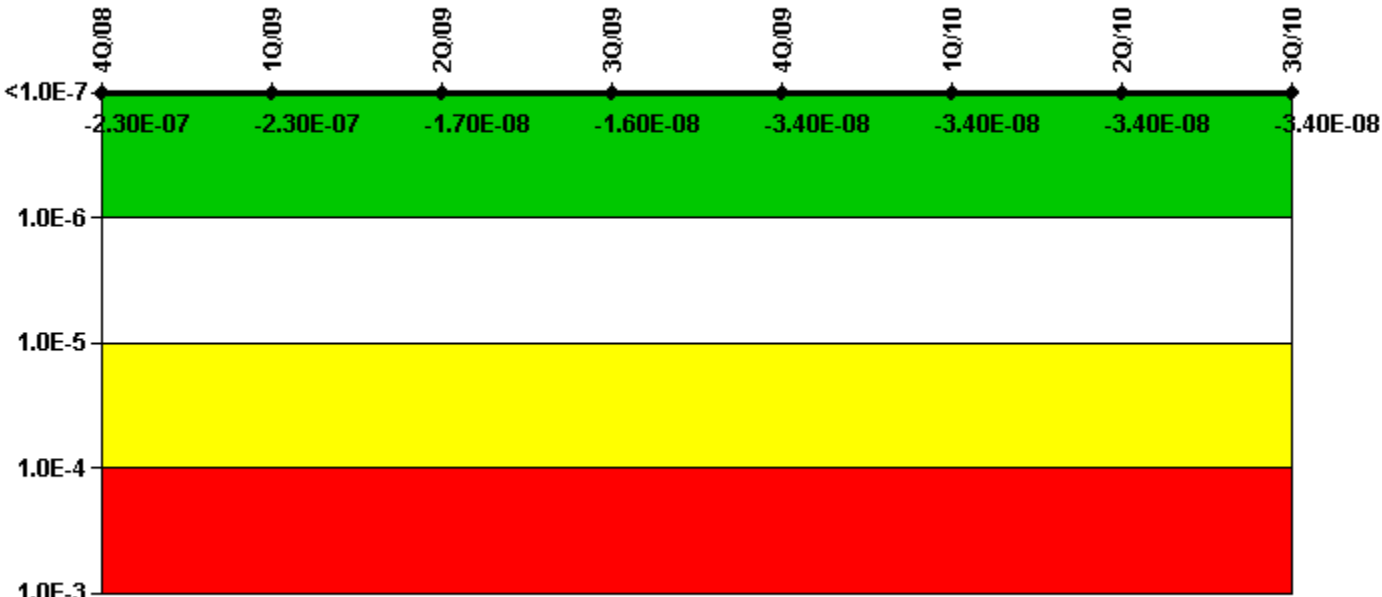
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (ΔCDF)	9.70E-08	1.57E-07	1.15E-07	7.44E-08	1.93E-07	1.80E-07	2.57E-07	2.68E-07
URI (ΔCDF)	-1.34E-07	-1.34E-07	-1.34E-07	-1.34E-07	-1.72E-07	-1.72E-07	-1.72E-07	-1.72E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.70E-08	2.30E-08	-1.80E-08	-5.90E-08	2.10E-08	7.80E-09	8.50E-08	9.60E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



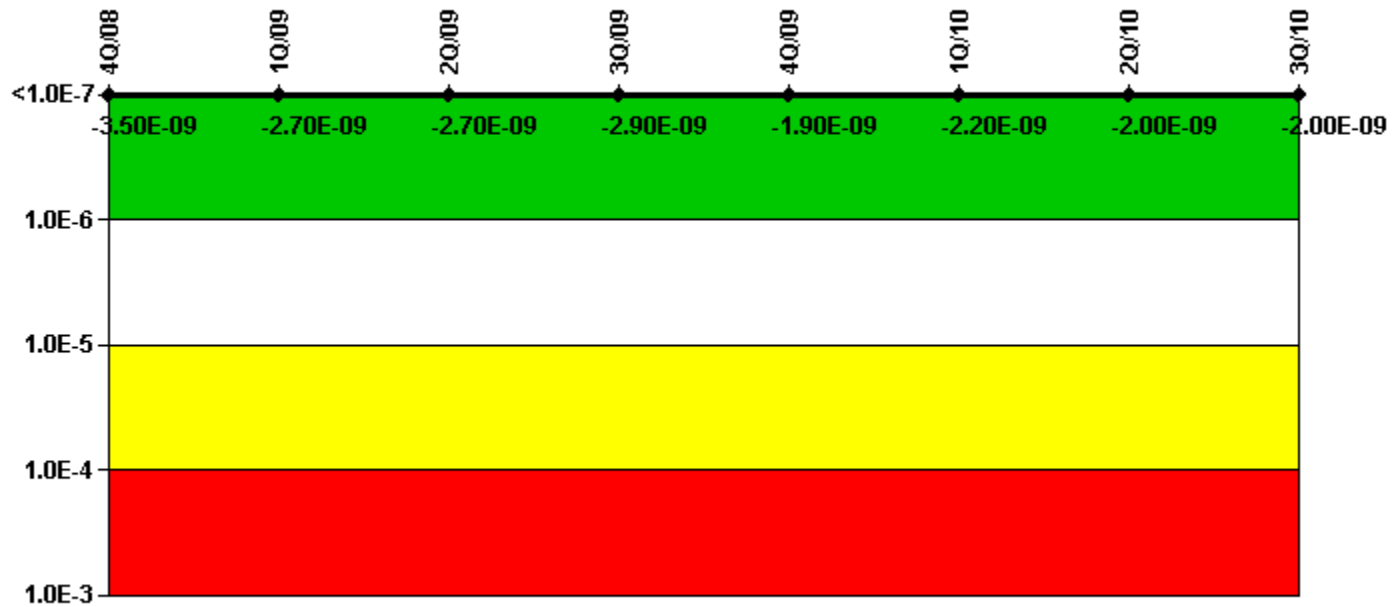
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (ΔCDF)	-5.63E-08	-5.63E-08	-2.11E-08	-1.98E-08	-1.54E-10	-1.54E-10	-9.66E-11	-2.25E-10
URI (ΔCDF)	-1.78E-07	-1.78E-07	4.23E-09	4.23E-09	-3.37E-08	-3.37E-08	-3.40E-08	-3.40E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.30E-07	-2.30E-07	-1.70E-08	-1.60E-08	-3.40E-08	-3.40E-08	-3.40E-08	-3.40E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



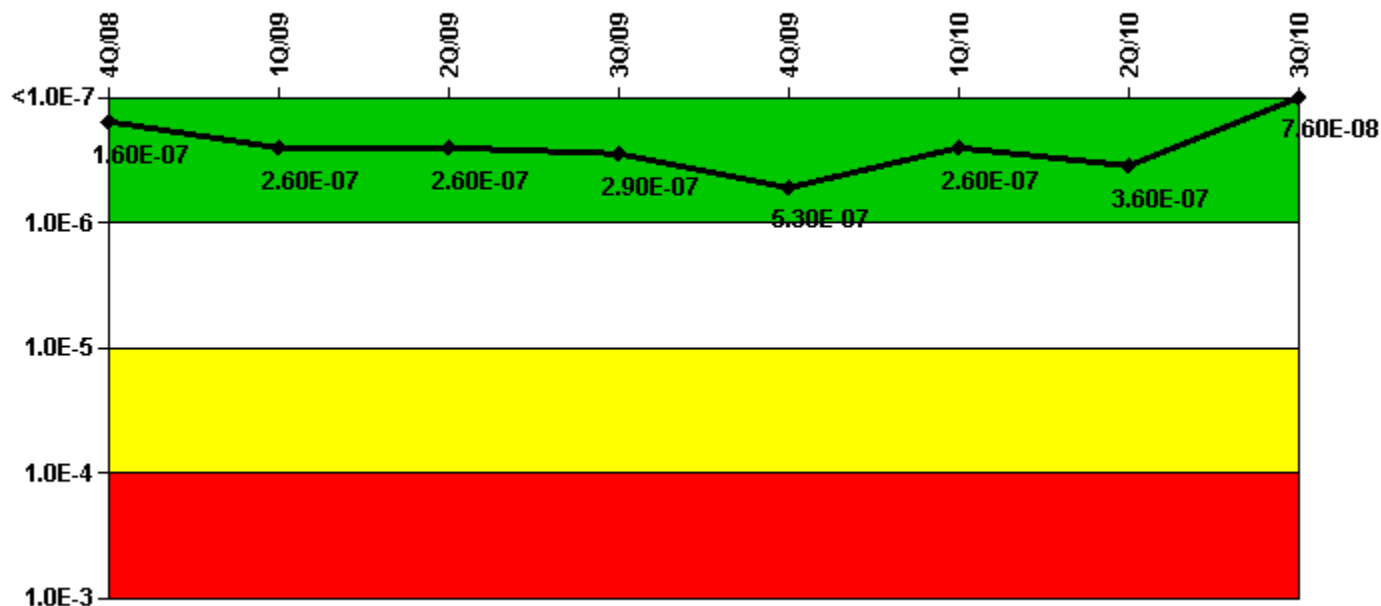
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (ΔCDF)	-3.22E-10	5.09E-10	4.55E-10	2.55E-10	2.17E-10	-6.03E-11	1.27E-10	1.87E-10
URI (ΔCDF)	-3.19E-09	-3.19E-09	-3.19E-09	-3.19E-09	-2.16E-09	-2.16E-09	-2.16E-09	-2.16E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.50E-09	-2.70E-09	-2.70E-09	-2.90E-09	-1.90E-09	-2.20E-09	-2.00E-09	-2.00E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



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

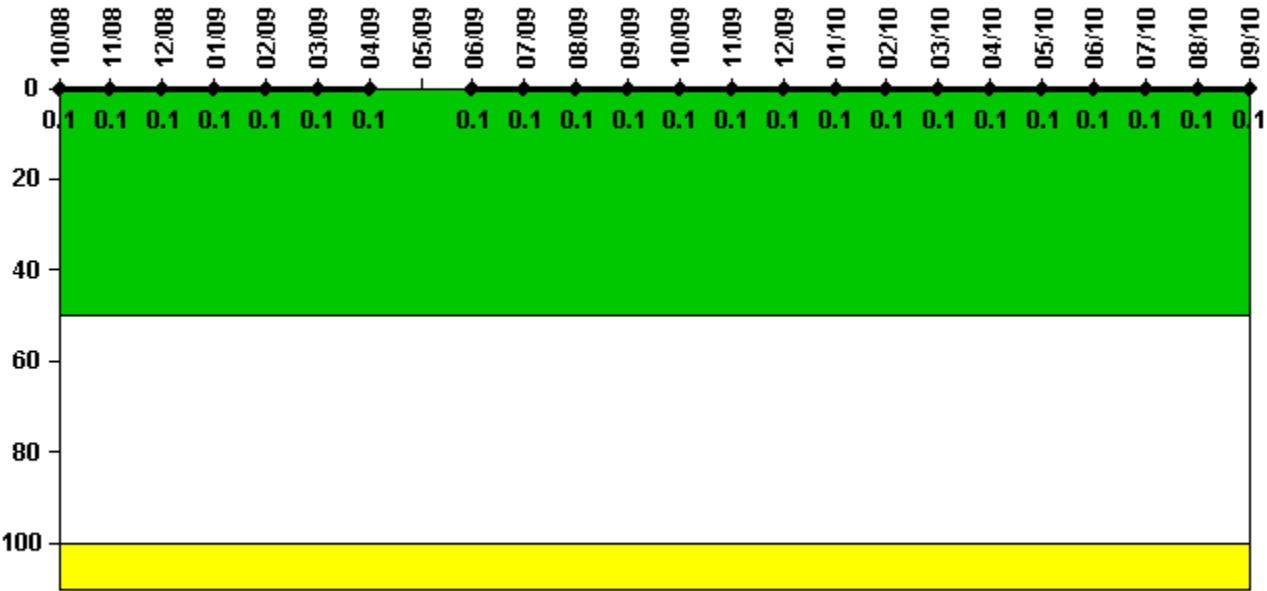
Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (ΔCDF)	1.71E-07	2.71E-07	2.66E-07	2.96E-07	5.41E-07	2.70E-07	3.70E-07	8.50E-08
URI (ΔCDF)	-1.00E-08	-1.00E-08	-1.07E-08	-1.07E-08	-8.88E-09	-8.88E-09	-8.88E-09	-8.88E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.60E-07	2.60E-07	2.60E-07	2.90E-07	5.30E-07	2.60E-07	3.60E-07	7.60E-08

Licensee Comments:

2Q/10: Changes were made to planned unavailability hours to St. Lucie Unit 2 to Cooling Water System 1 and Cooling Water System 2 for April and May 2010. There was no change in color of the indicator.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

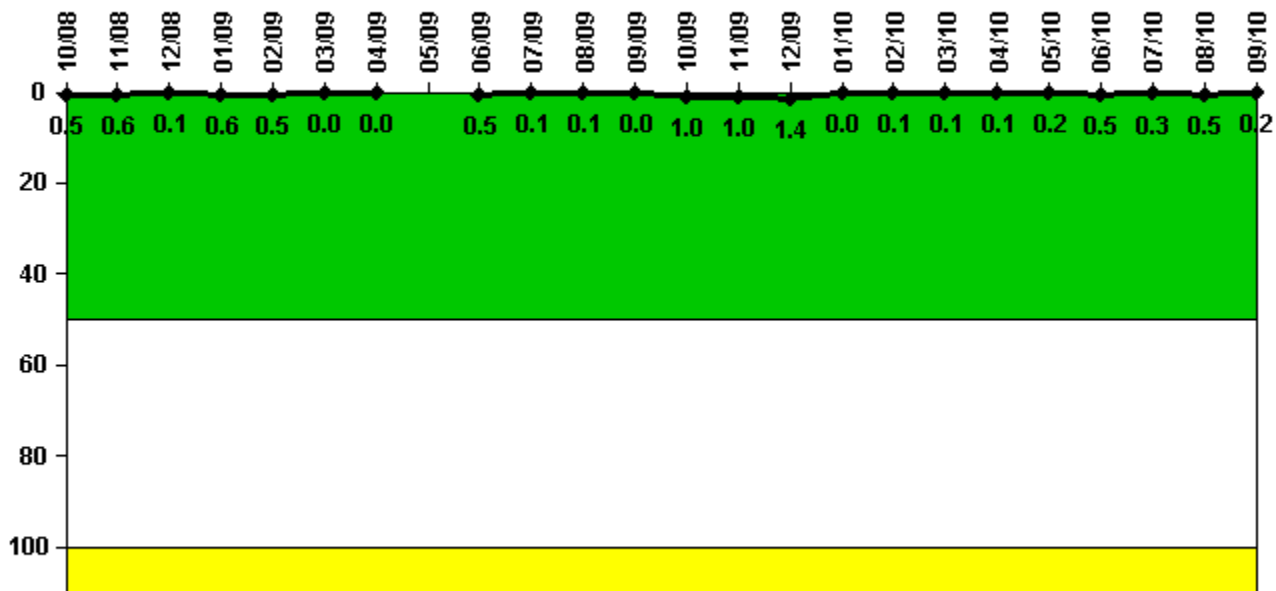
Notes

Reactor Coolant System Activity	10/08	11/08	12/08	1/09	2/09	3/09	4/09	5/09	6/09	7/09	8/09	9/09
Maximum activity	0.000660	0.000690	0.000690	0.000694	0.000733	0.000785	0.001330	N/A	0.000809	0.000847	0.000864	0.000892
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.1	N/A	0.1	0.1	0.1	0.1

Reactor Coolant System Activity	10/09	11/09	12/09	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10
Maximum activity	0.000944	0.000897	0.000944	0.000951	0.001020	0.001060	0.001030	0.001040	0.001170	0.001140	0.001110	0.001180
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
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

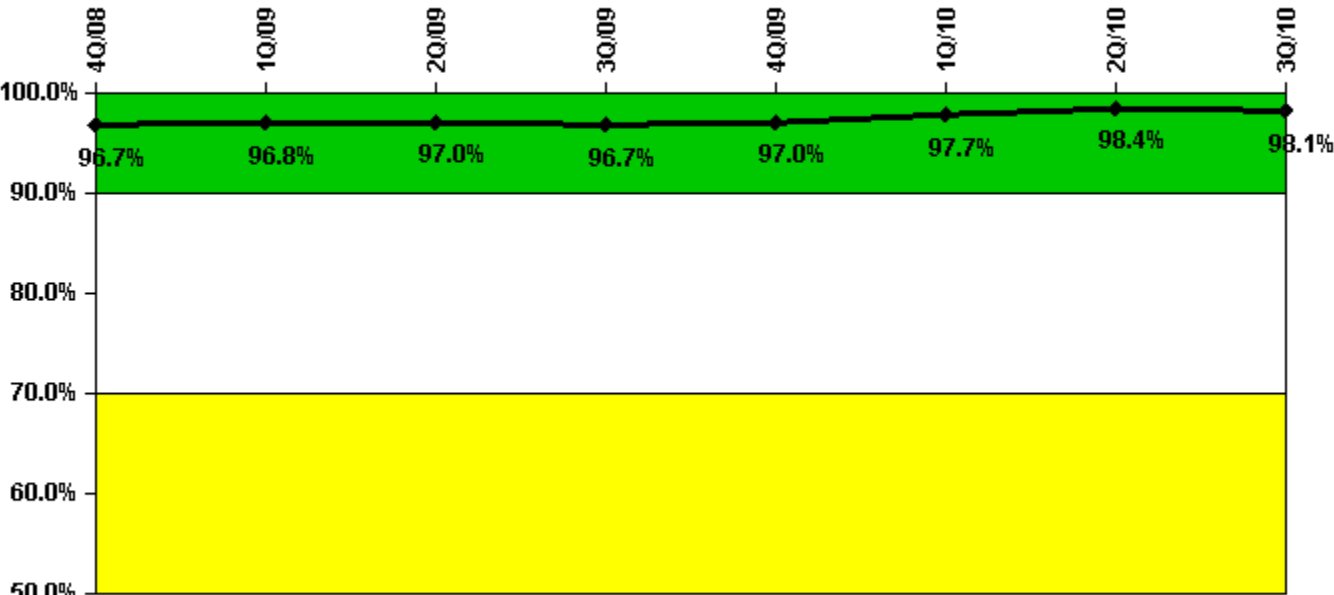
Notes

Reactor Coolant System Leakage	10/08	11/08	12/08	1/09	2/09	3/09	4/09	5/09	6/09	7/09	8/09	9/09
Maximum leakage	0.050	0.060	0.010	0.060	0.050	0	0	N/A	0.053	0.005	0.005	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	0.6	0.1	0.6	0.5	0	0	N/A	0.5	0.1	0.1	0

Reactor Coolant System Leakage	10/09	11/09	12/09	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10
Maximum leakage	0.100	0.100	0.140	0.002	0.010	0.007	0.010	0.020	0.050	0.030	0.050	0.015
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.0	1.0	1.4	0	0.1	0.1	0.1	0.2	0.5	0.3	0.5	0.2

Licensee Comments: none

Drill/Exercise Performance



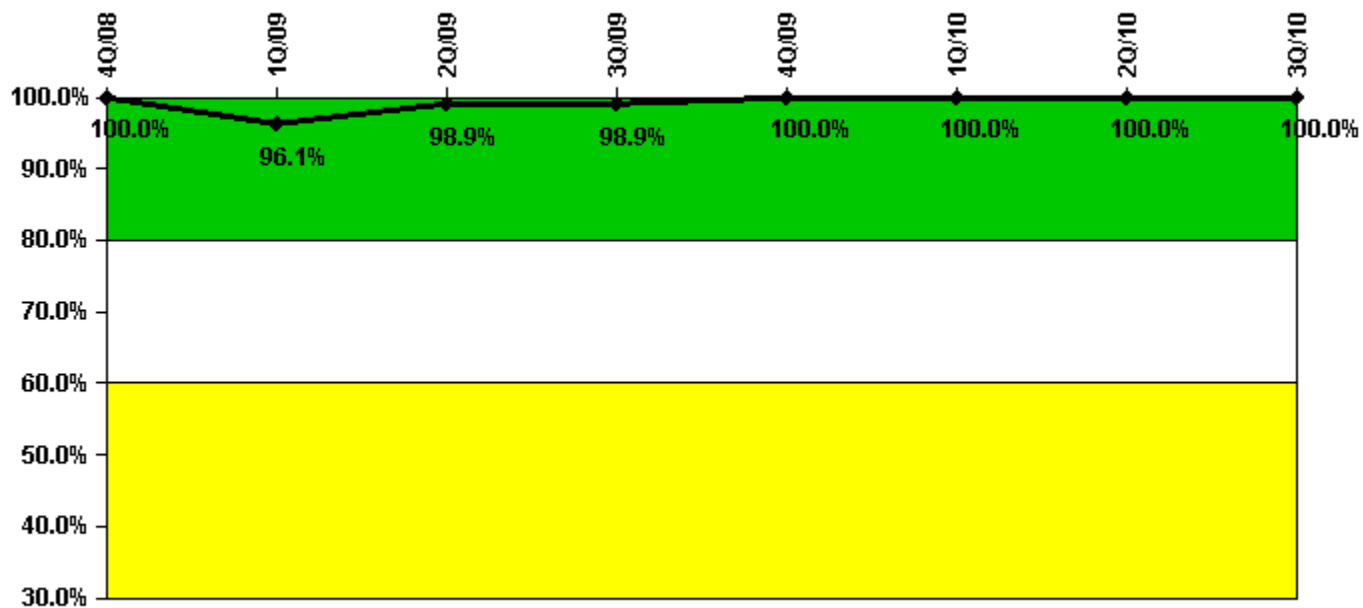
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Successful opportunities	16.0	39.0	26.0	51.0	74.0	21.0	9.0	72.0
Total opportunities	17.0	39.0	26.0	53.0	75.0	21.0	9.0	74.0
Indicator value	96.7%	96.8%	97.0%	96.7%	97.0%	97.7%	98.4%	98.1%

Licensee Comments: none

ERO Drill Participation



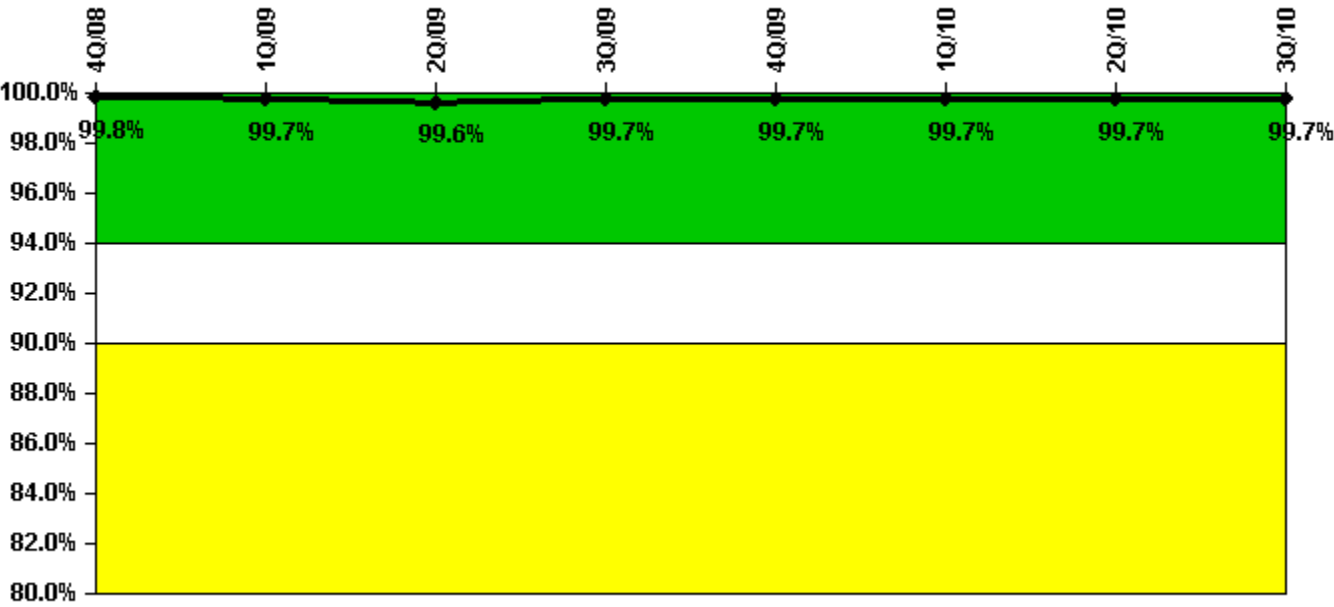
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Participating Key personnel	103.0	99.0	93.0	92.0	96.0	93.0	91.0	88.0
Total Key personnel	103.0	103.0	94.0	93.0	96.0	93.0	91.0	88.0
Indicator value	100.0%	96.1%	98.9%	98.9%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



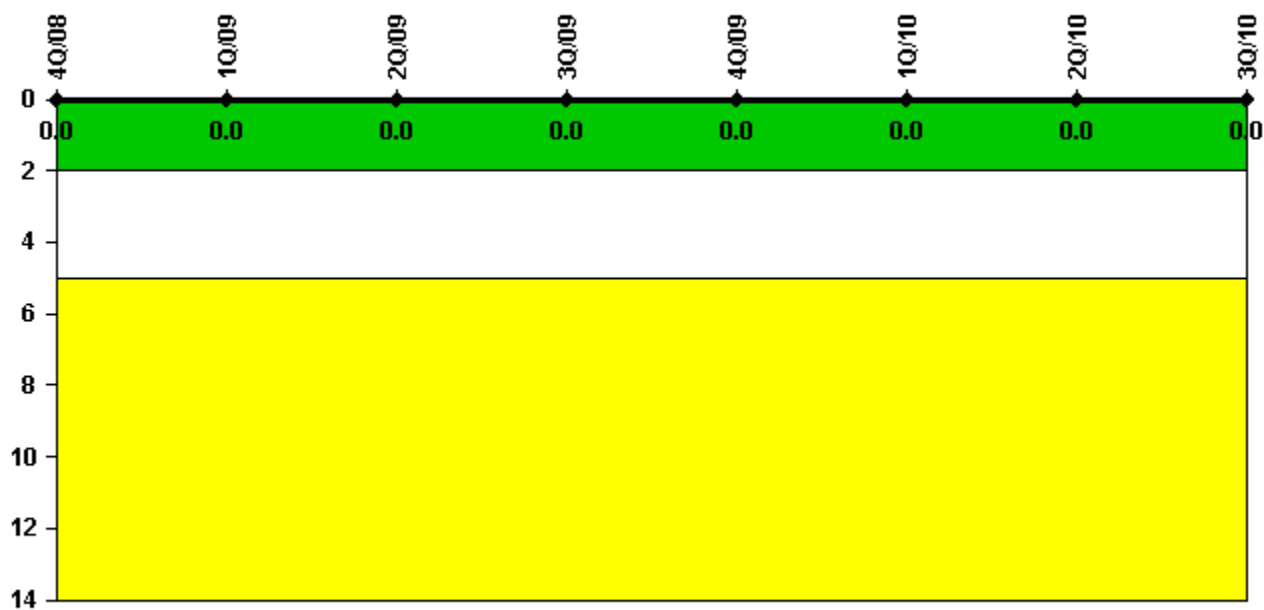
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Successful siren-tests	720	626	717	630	718	627	718	628
Total sirens-tests	720	630	720	630	720	630	720	630
Indicator value	99.8%	99.7%	99.6%	99.7%	99.7%	99.7%	99.7%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



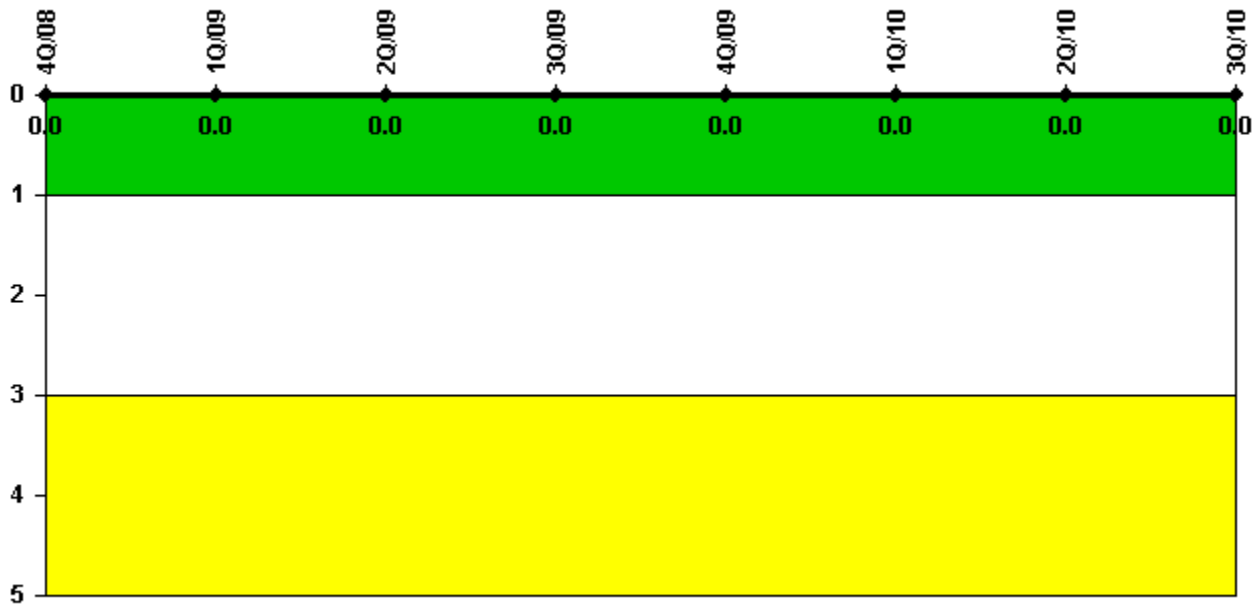
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
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/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

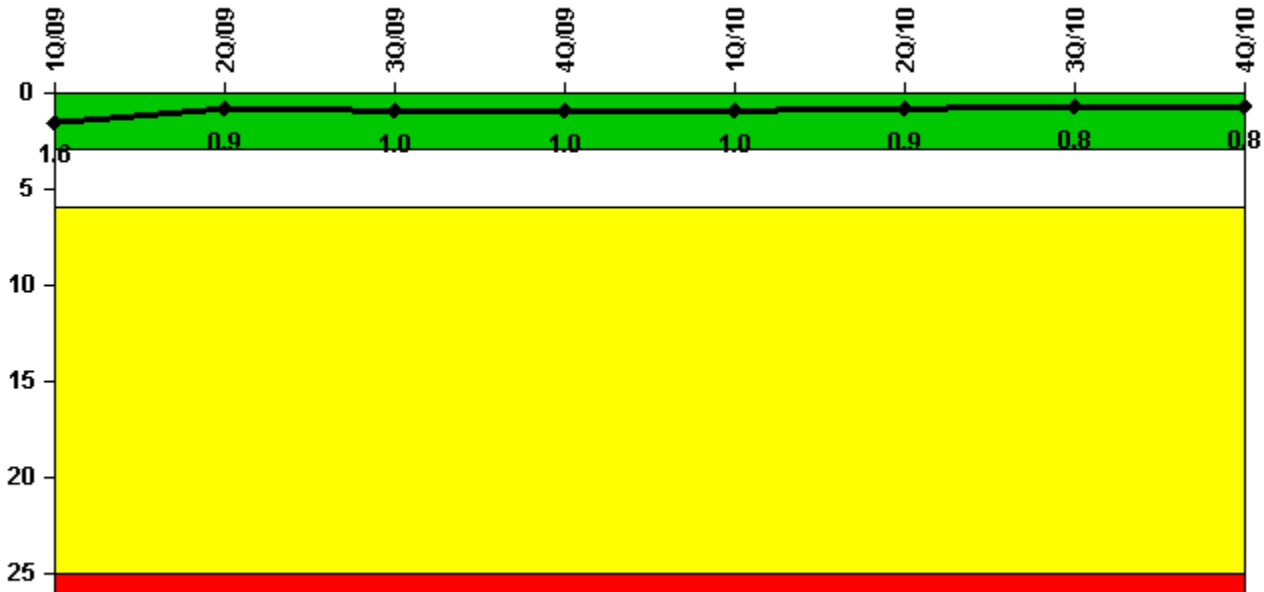
[Security](#) information not publicly available.

Saint Lucie 2

4Q/2010 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



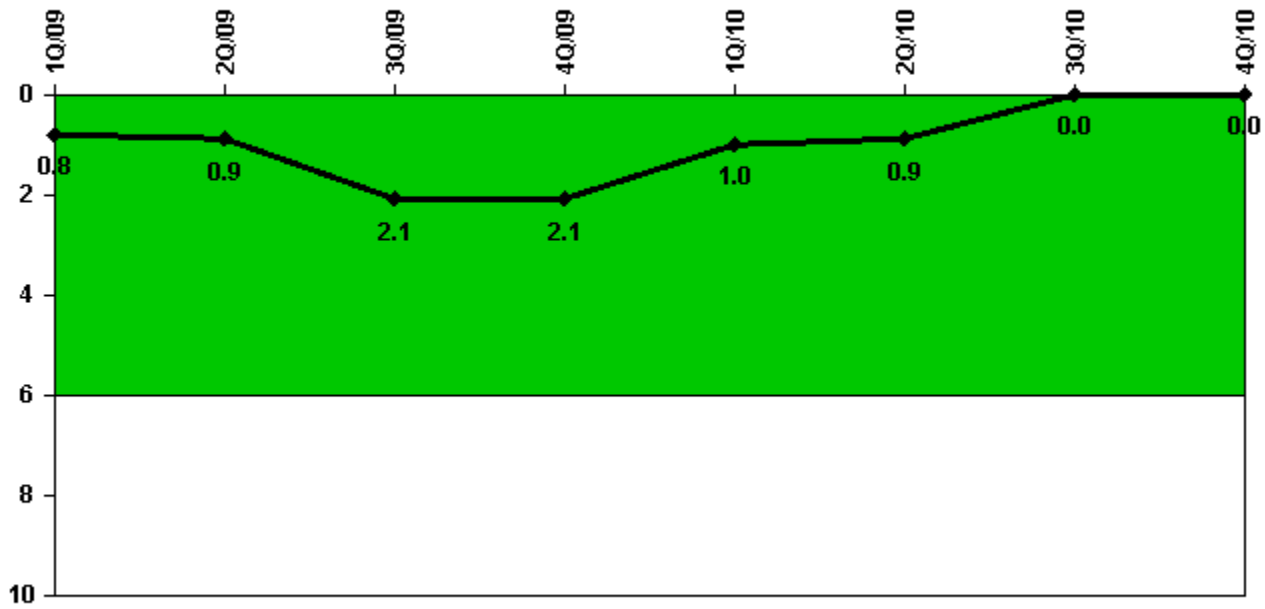
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Unplanned scrams	0	1.0	0	0	0	1.0	0	0
Critical hours	2159.0	1018.6	1402.9	2209.0	2159.0	2049.2	2208.0	2209.0
Indicator value	1.6	0.9	1.0	1.0	1.0	0.9	0.8	0.8

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



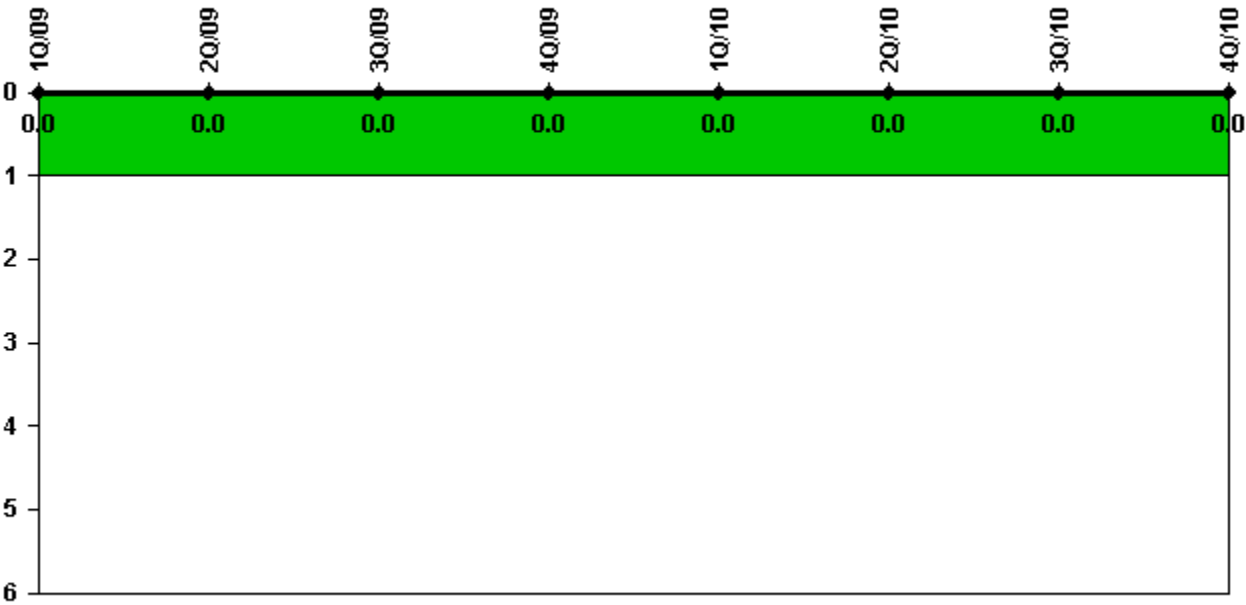
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Unplanned power changes	1.0	0	1.0	0	0	0	0	0
Critical hours	2159.0	1018.6	1402.9	2209.0	2159.0	2049.2	2208.0	2209.0
Indicator value	0.8	0.9	2.1	2.1	1.0	0.9	0	0

Licensee Comments: none

Unplanned Scrams with Complications



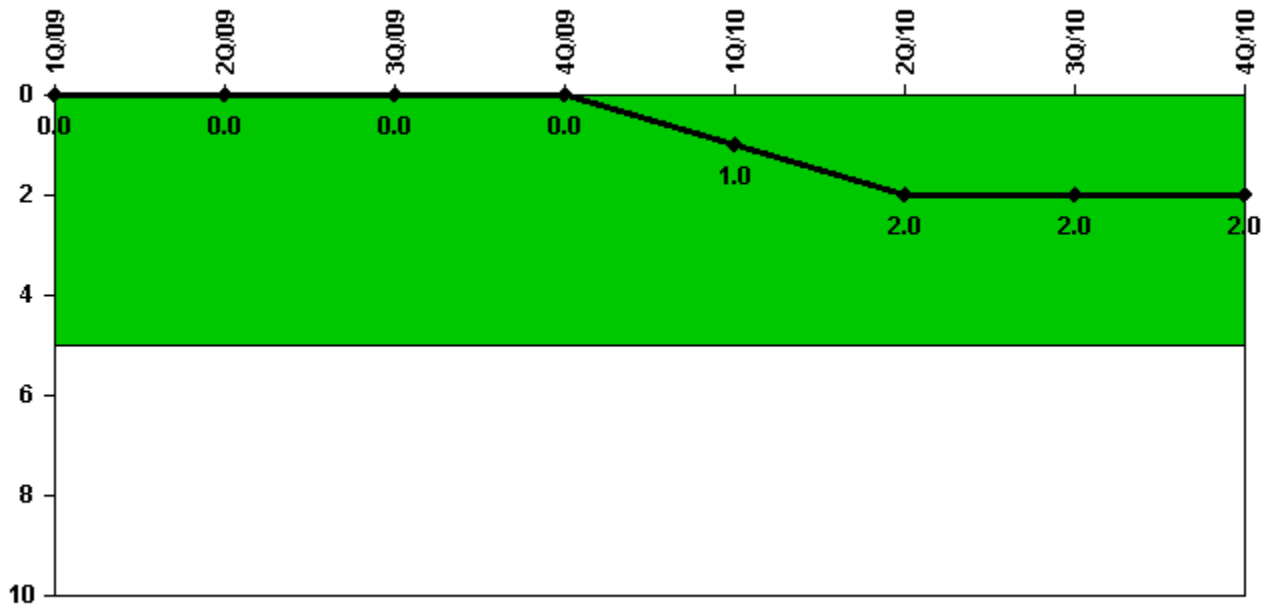
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
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 (PWR)



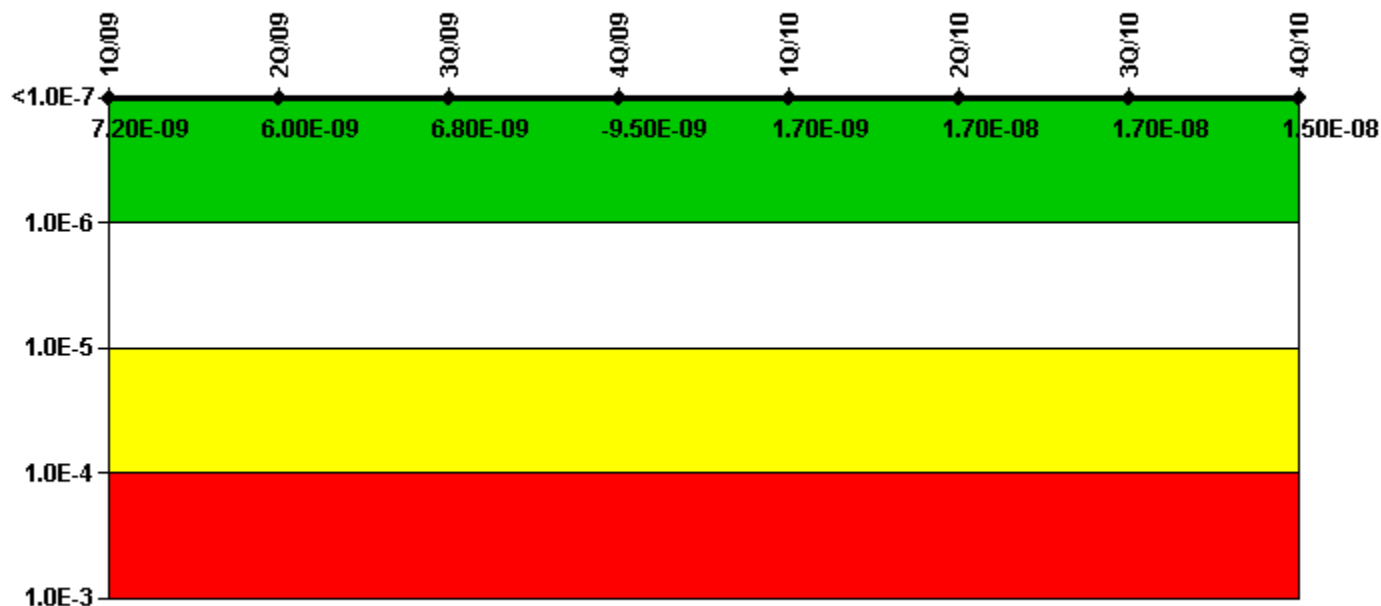
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Safety System Functional Failures	0	0	0	0	1	1	0	0
Indicator value	0	0	0	0	1	2	2	2

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



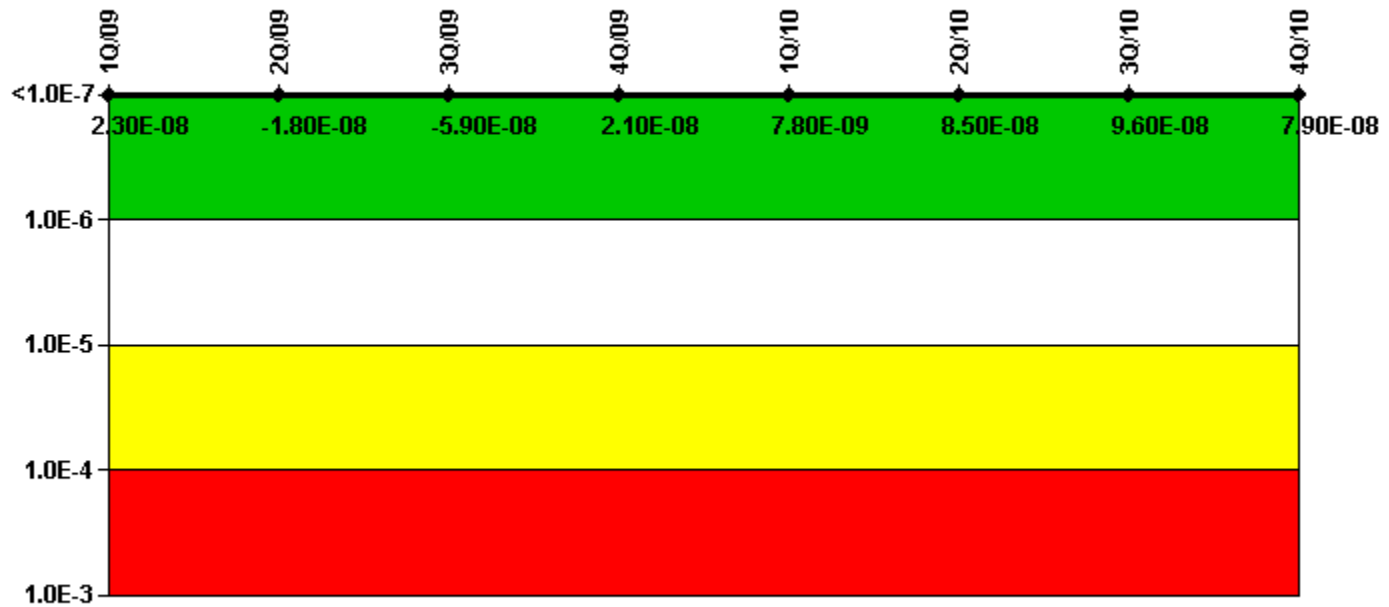
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (ΔCDF)	3.81E-08	3.69E-08	3.77E-08	7.39E-09	1.86E-08	2.24E-08	2.24E-08	2.03E-08
URI (ΔCDF)	-3.09E-08	-3.09E-08	-3.09E-08	-1.69E-08	-1.69E-08	-5.15E-09	-5.15E-09	-5.15E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	7.20E-09	6.00E-09	6.80E-09	-9.50E-09	1.70E-09	1.70E-08	1.70E-08	1.50E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



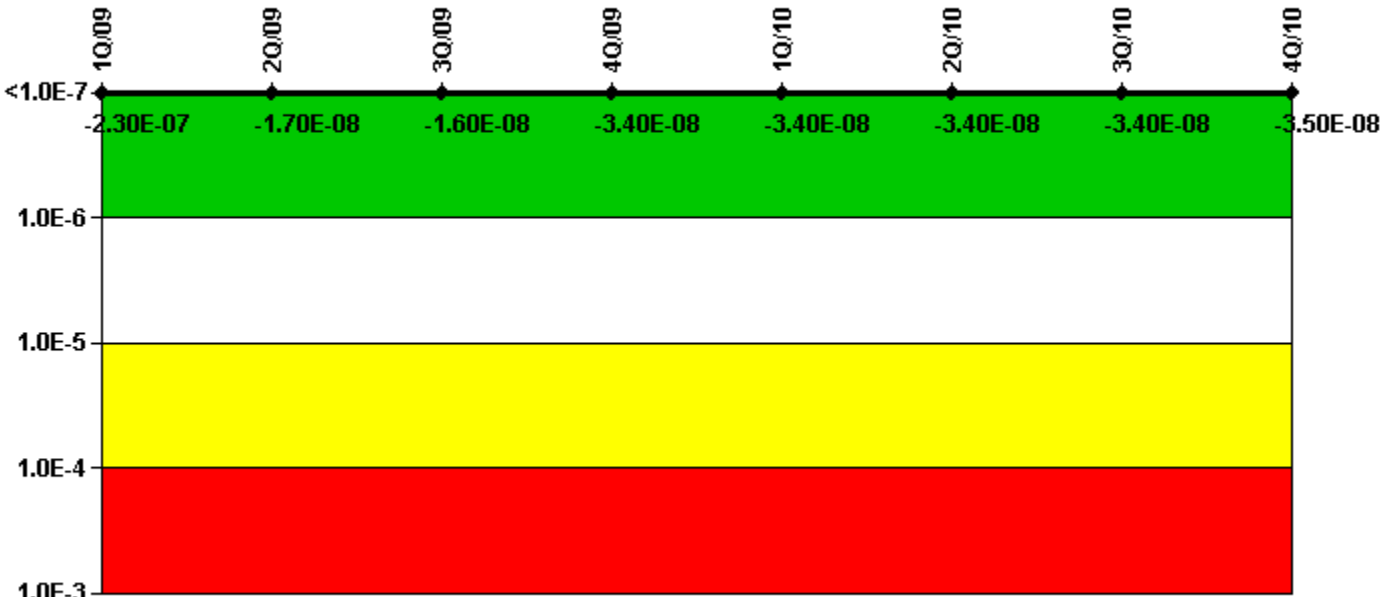
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (ΔCDF)	1.57E-07	1.15E-07	7.44E-08	1.93E-07	1.80E-07	2.57E-07	2.68E-07	2.51E-07
URI (ΔCDF)	-1.34E-07	-1.34E-07	-1.34E-07	-1.72E-07	-1.72E-07	-1.72E-07	-1.72E-07	-1.72E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.30E-08	-1.80E-08	-5.90E-08	2.10E-08	7.80E-09	8.50E-08	9.60E-08	7.90E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



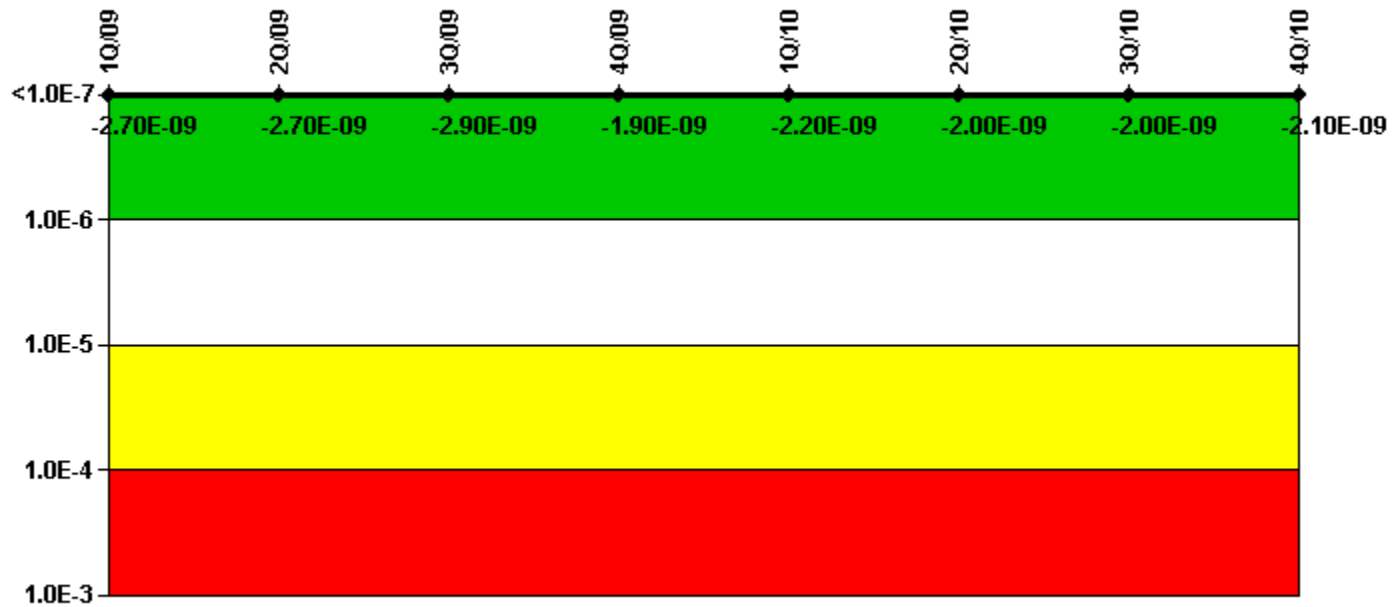
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (ΔCDF)	-5.63E-08	-2.11E-08	-1.98E-08	-1.54E-10	-1.54E-10	-9.66E-11	-2.25E-10	-1.06E-09
URI (ΔCDF)	-1.78E-07	4.23E-09	4.23E-09	-3.37E-08	-3.37E-08	-3.40E-08	-3.40E-08	-3.40E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.30E-07	-1.70E-08	-1.60E-08	-3.40E-08	-3.40E-08	-3.40E-08	-3.40E-08	-3.50E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



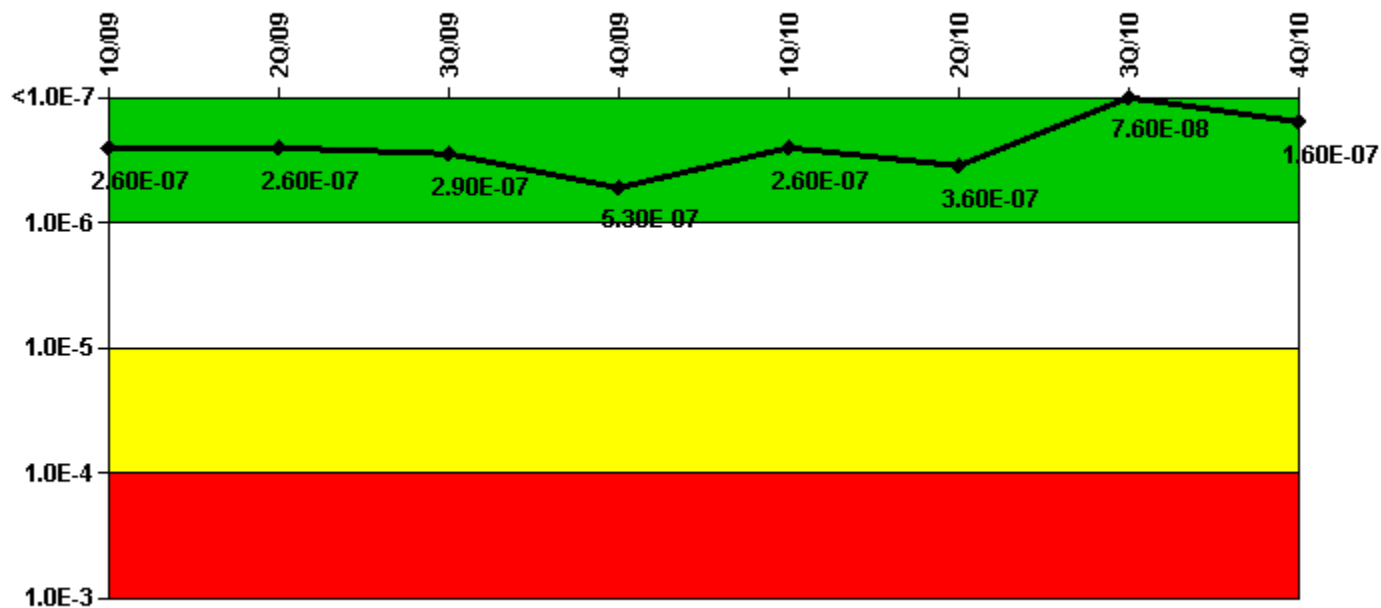
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (Δ CDF)	5.09E-10	4.55E-10	2.55E-10	2.17E-10	-6.03E-11	1.27E-10	1.87E-10	9.77E-11
URI (Δ CDF)	-3.19E-09	-3.19E-09	-3.19E-09	-2.16E-09	-2.16E-09	-2.16E-09	-2.16E-09	-2.16E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.70E-09	-2.70E-09	-2.90E-09	-1.90E-09	-2.20E-09	-2.00E-09	-2.00E-09	-2.10E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



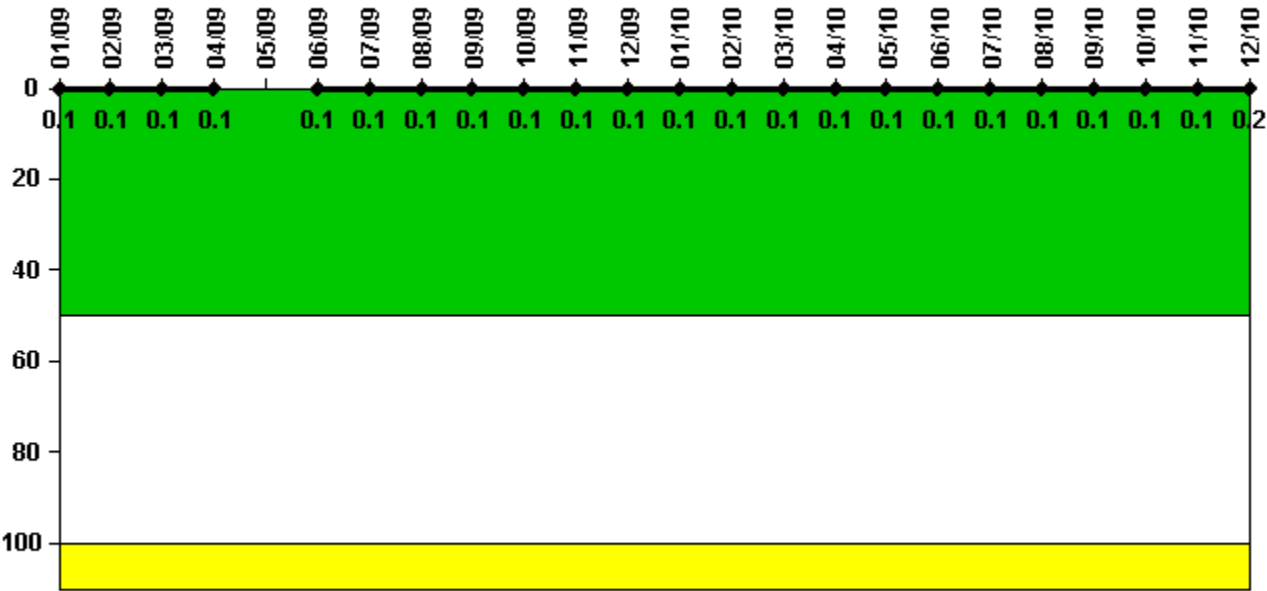
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (ΔCDF)	2.71E-07	2.66E-07	2.96E-07	5.41E-07	2.70E-07	3.70E-07	8.50E-08	1.66E-07
URI (ΔCDF)	-1.00E-08	-1.07E-08	-1.07E-08	-8.88E-09	-8.88E-09	-8.88E-09	-8.88E-09	-8.88E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.60E-07	2.60E-07	2.90E-07	5.30E-07	2.60E-07	3.60E-07	7.60E-08	1.60E-07

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

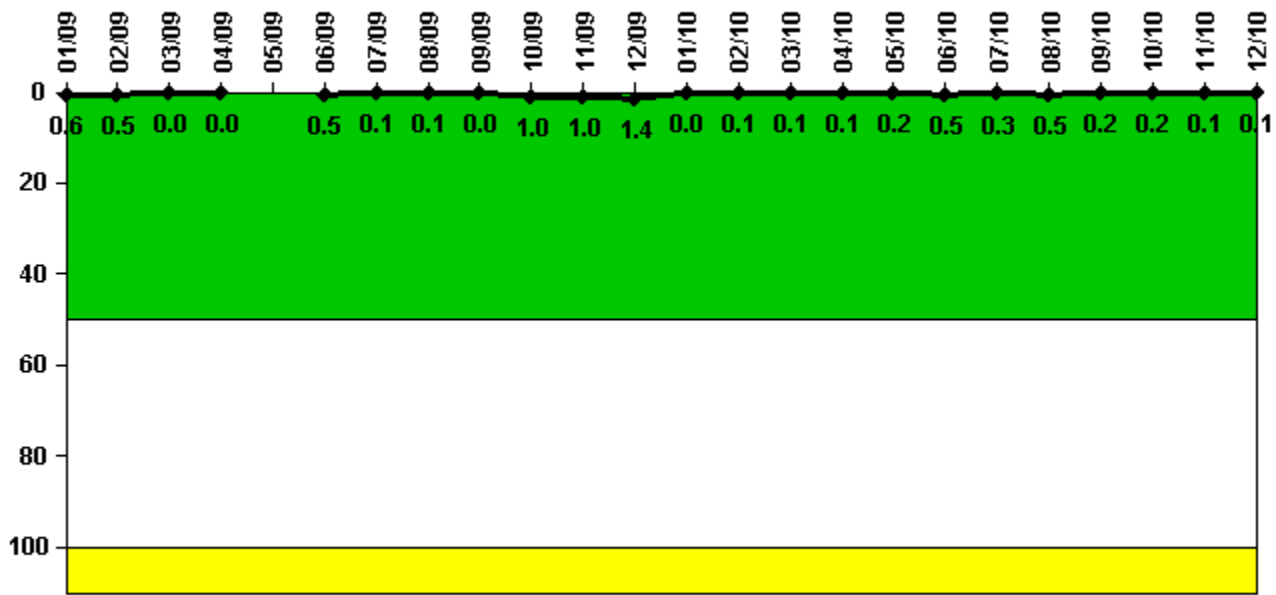
Notes

Reactor Coolant System Activity	1/09	2/09	3/09	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09
Maximum activity	0.000694	0.000733	0.000785	0.001330	N/A	0.000809	0.000847	0.000864	0.000892	0.000944	0.000897	0.000944
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	N/A	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Reactor Coolant System Activity	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10
Maximum activity	0.000951	0.001020	0.001060	0.001030	0.001040	0.001170	0.001140	0.001110	0.001180	0.001180	0.001250	0.001890
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

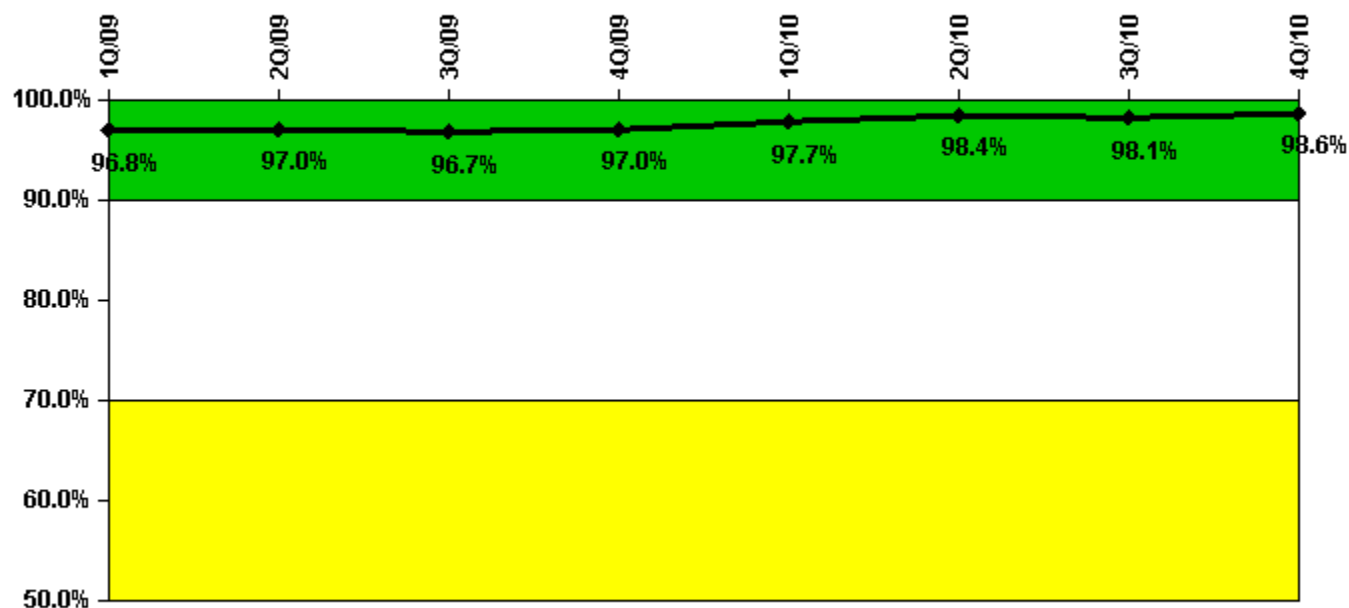
Notes

Reactor Coolant System Leakage	1/09	2/09	3/09	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09
Maximum leakage	0.060	0.050	0	0	N/A	0.053	0.005	0.005	0	0.100	0.100	0.140
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.6	0.5	0	0	N/A	0.5	0.1	0.1	0	1.0	1.0	1.4

Reactor Coolant System Leakage	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10
Maximum leakage	0.002	0.010	0.007	0.010	0.020	0.050	0.030	0.050	0.015	0.020	0.012	0.007
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0.1	0.1	0.1	0.2	0.5	0.3	0.5	0.2	0.2	0.1	0.1

Licensee Comments: none

Drill/Exercise Performance



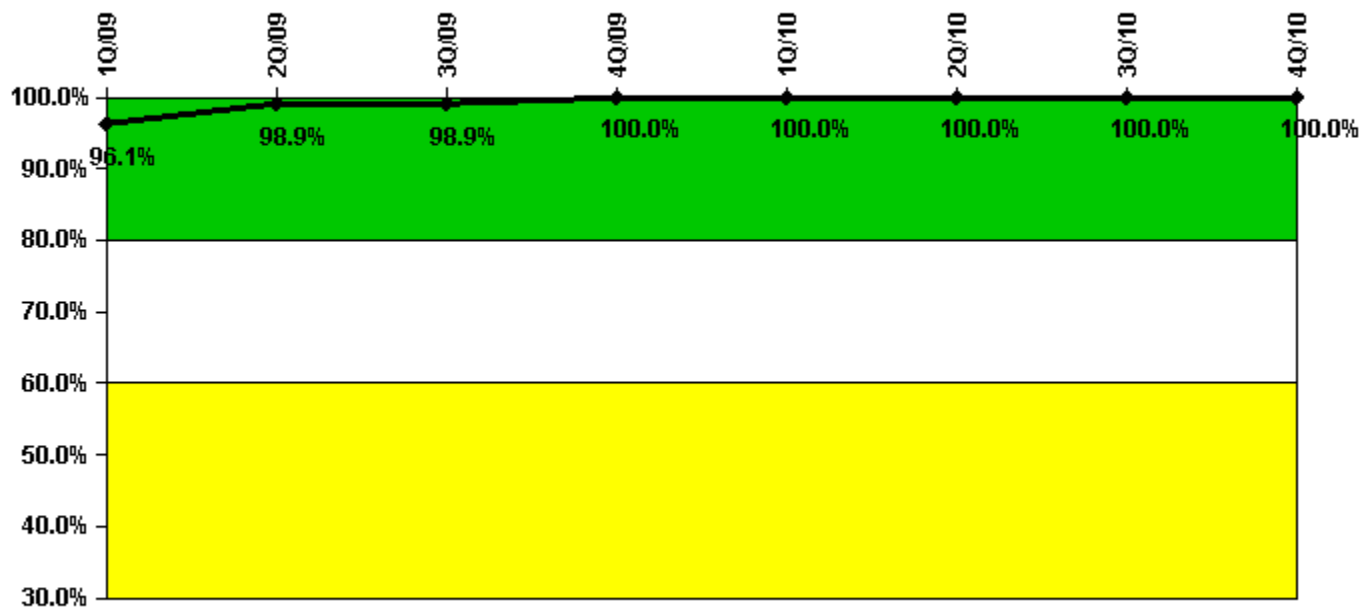
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Successful opportunities	39.0	26.0	51.0	74.0	21.0	9.0	76.0	52.0
Total opportunities	39.0	26.0	53.0	75.0	21.0	9.0	78.0	52.0
Indicator value	96.8%	97.0%	96.7%	97.0%	97.7%	98.4%	98.1%	98.6%

Licensee Comments: none

ERO Drill Participation



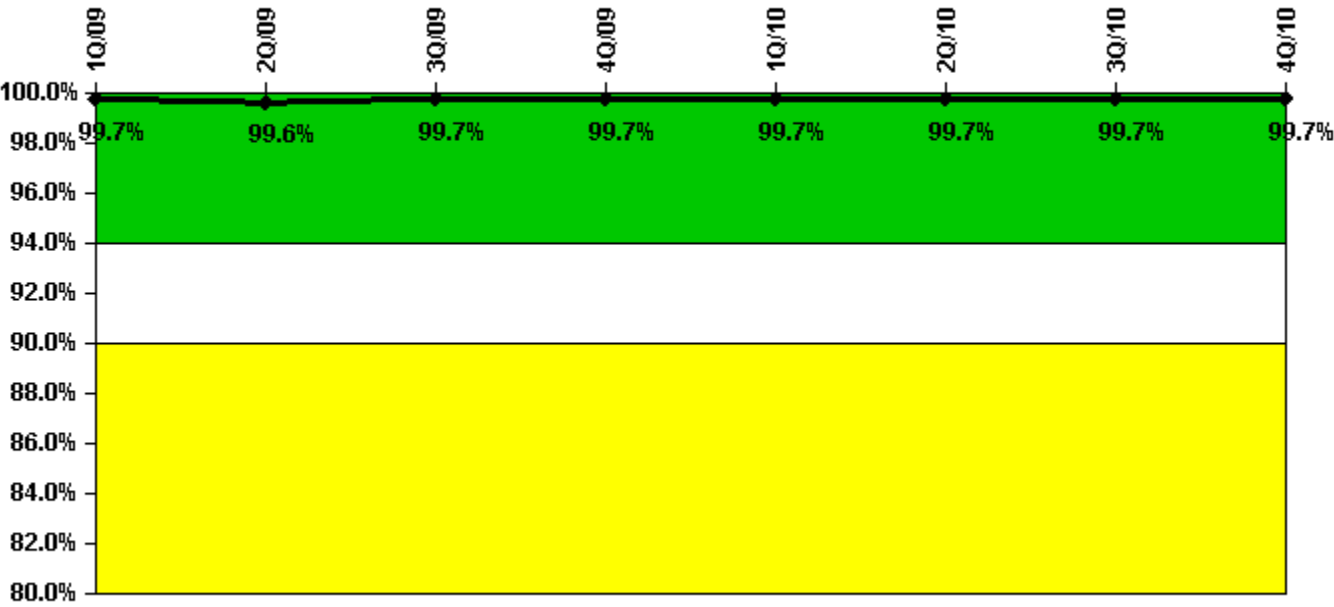
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Participating Key personnel	99.0	93.0	92.0	96.0	93.0	91.0	88.0	86.0
Total Key personnel	103.0	94.0	93.0	96.0	93.0	91.0	88.0	86.0
Indicator value	96.1%	98.9%	98.9%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



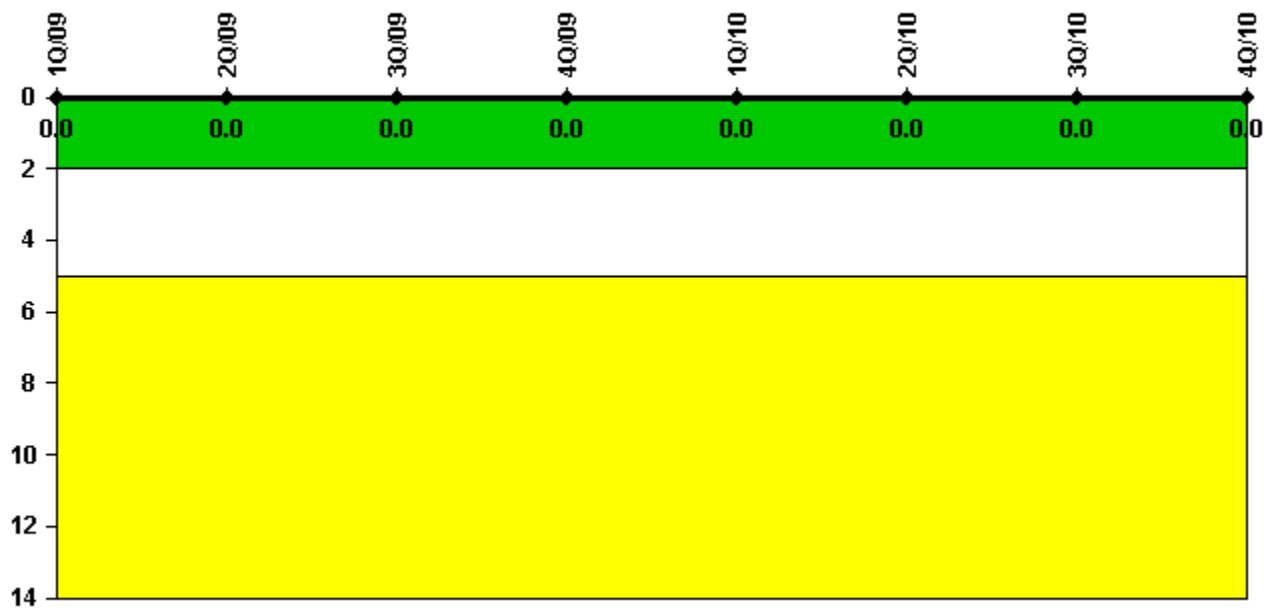
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Successful siren-tests	626	717	630	718	627	718	628	718
Total sirens-tests	630	720	630	720	630	720	630	720
Indicator value	99.7%	99.6%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



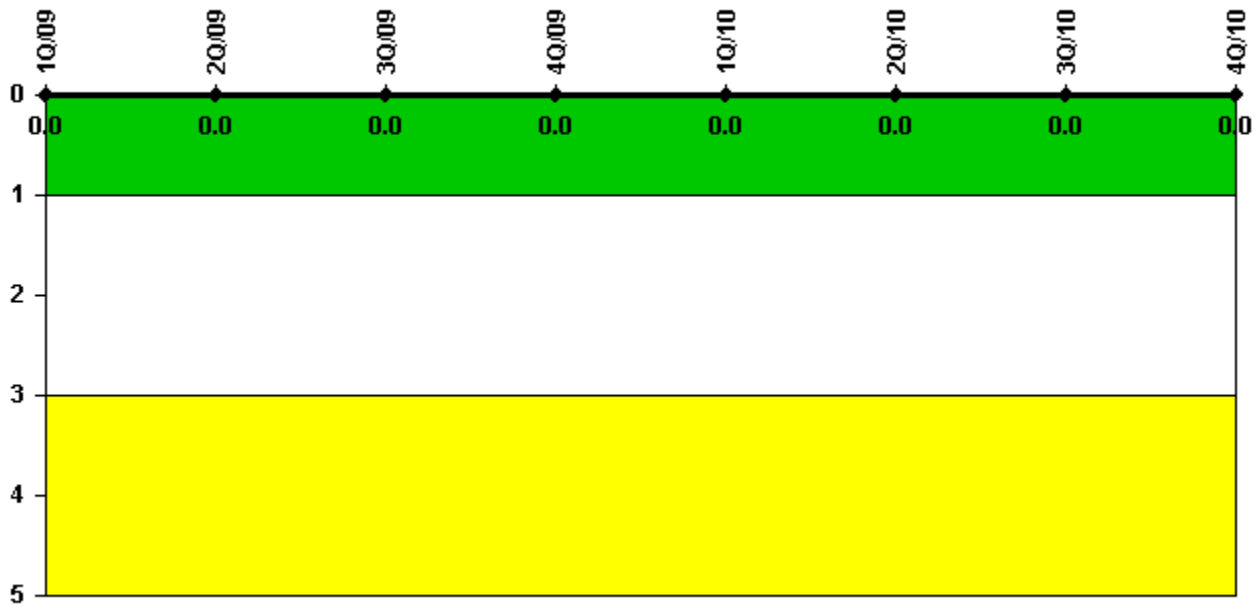
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
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	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

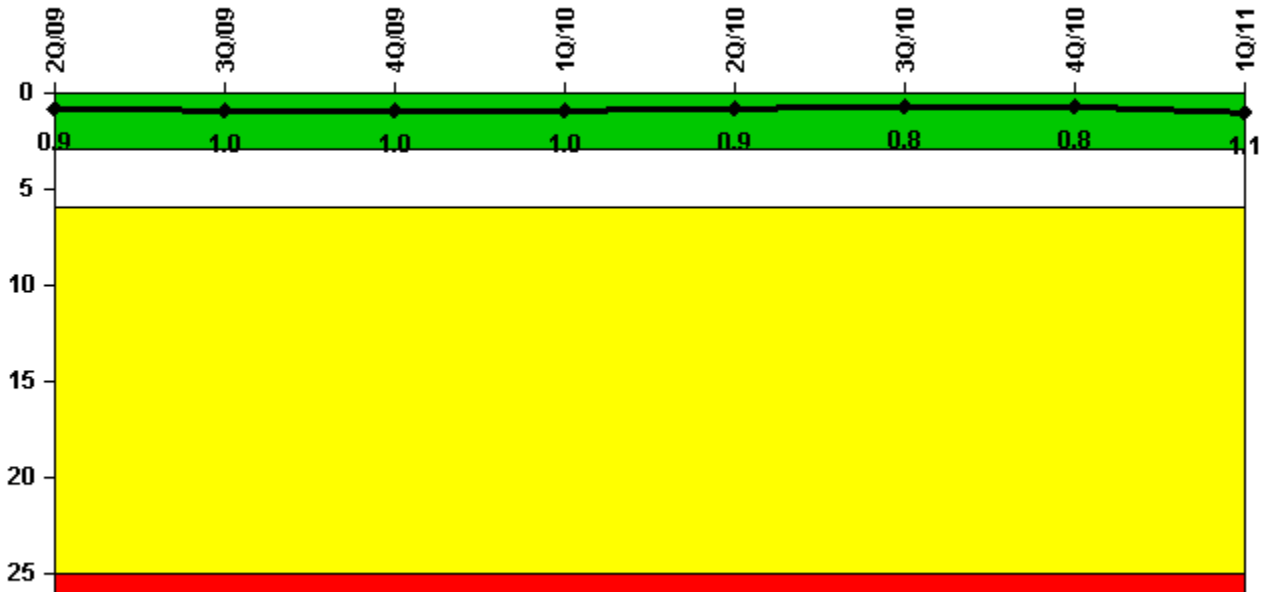
[Security](#) information not publicly available.

Saint Lucie 2

1Q/2011 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



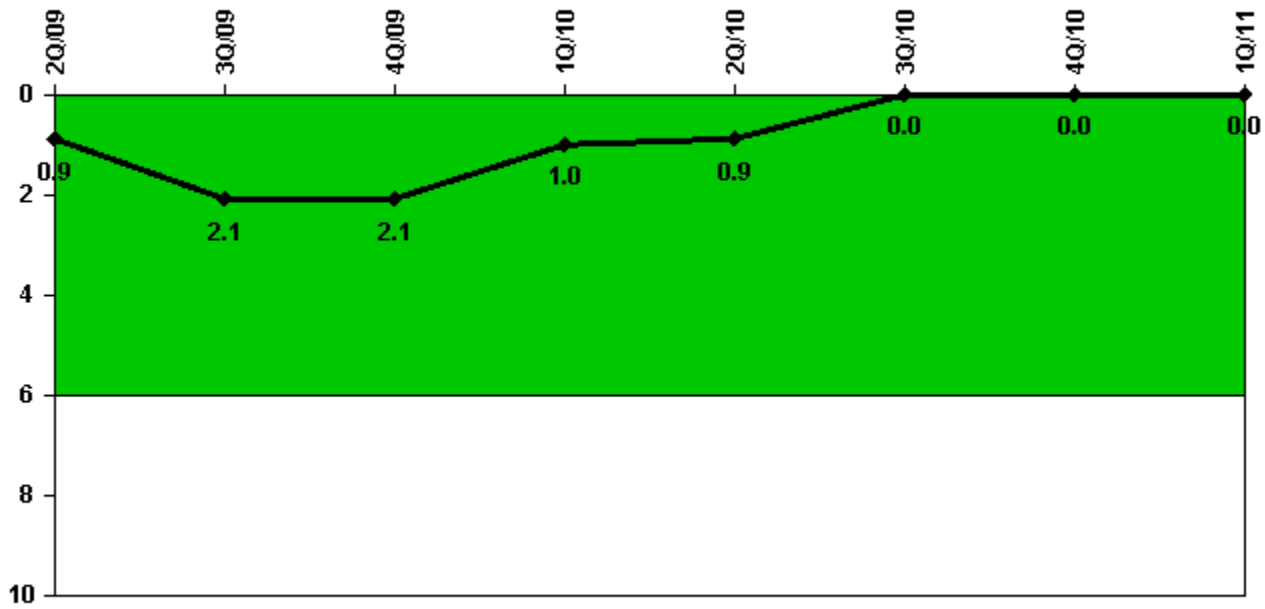
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Unplanned scrams	1.0	0	0	0	1.0	0	0	0
Critical hours	1018.6	1402.9	2209.0	2159.0	2049.2	2208.0	2209.0	41.0
Indicator value	0.9	1.0	1.0	1.0	0.9	0.8	0.8	1.1

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



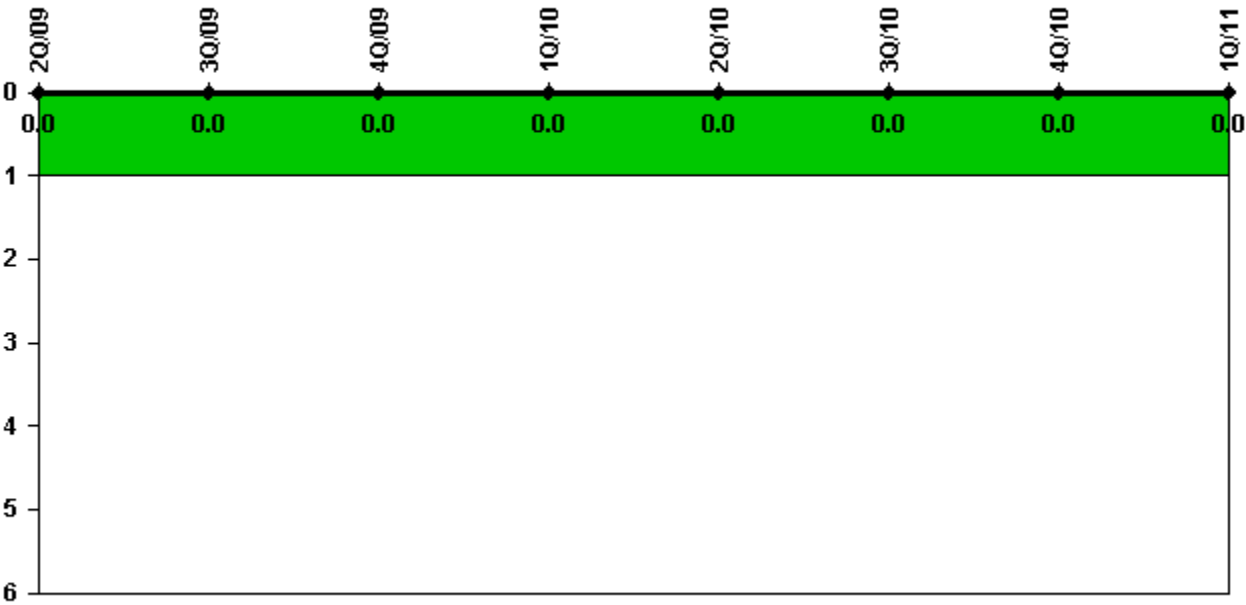
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Unplanned power changes	0	1.0	0	0	0	0	0	0
Critical hours	1018.6	1402.9	2209.0	2159.0	2049.2	2208.0	2209.0	41.0
Indicator value	0.9	2.1	2.1	1.0	0.9	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



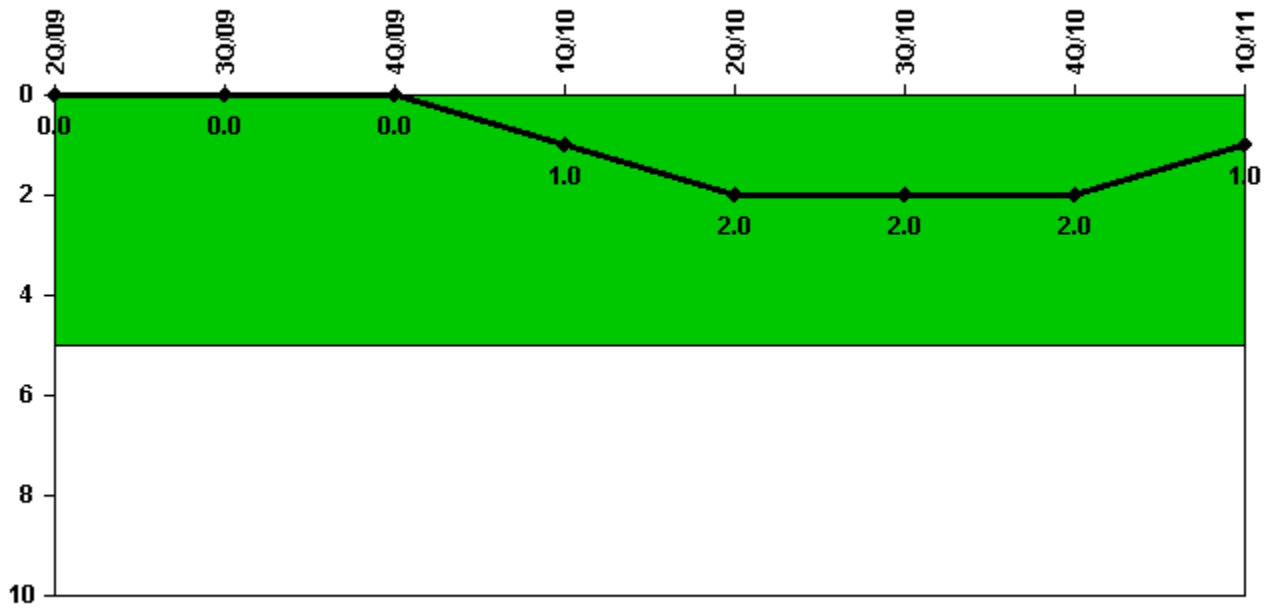
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
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 (PWR)



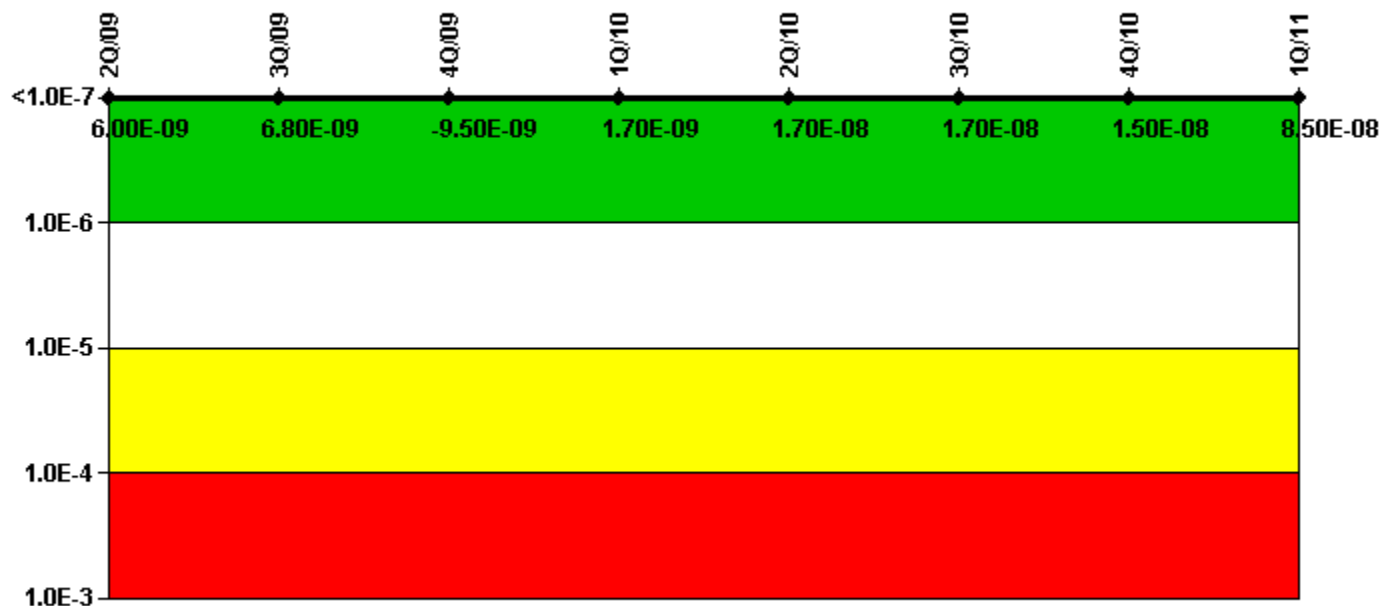
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Safety System Functional Failures	0	0	0	1	1	0	0	0
Indicator value	0	0	0	1	2	2	2	1

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



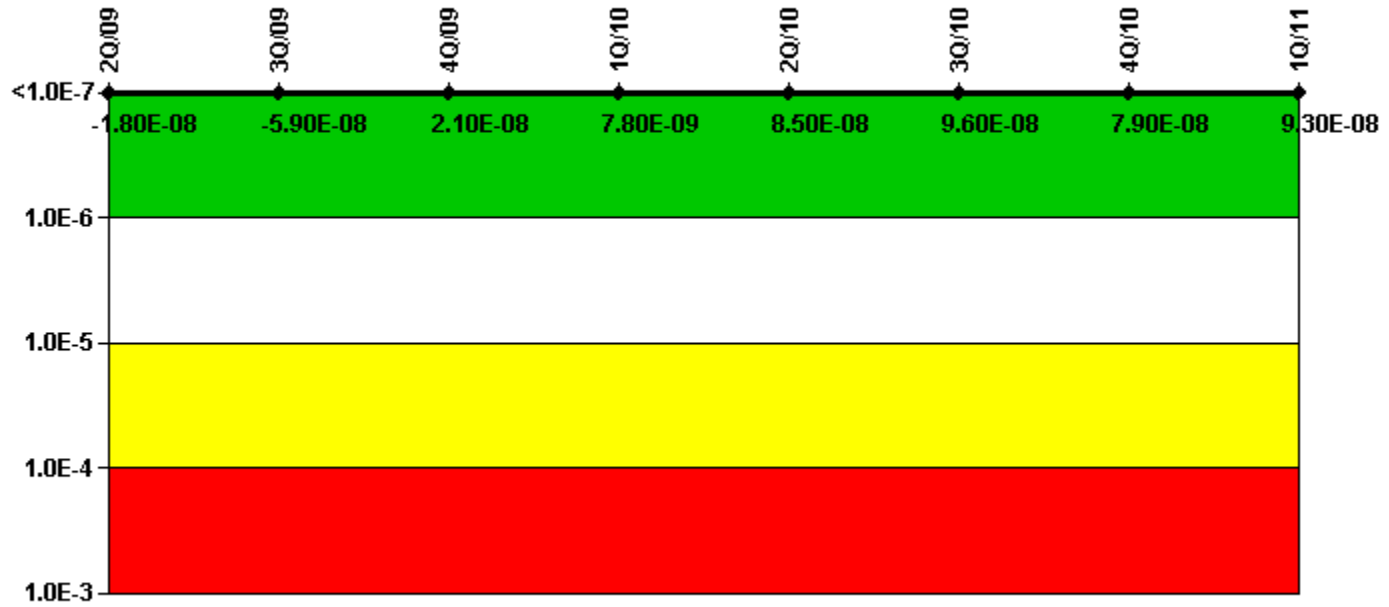
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (ΔCDF)	3.69E-08	3.77E-08	7.39E-09	1.86E-08	2.24E-08	2.24E-08	2.03E-08	2.17E-08
URI (ΔCDF)	-3.09E-08	-3.09E-08	-1.69E-08	-1.69E-08	-5.15E-09	-5.15E-09	-5.15E-09	6.34E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	6.00E-09	6.80E-09	-9.50E-09	1.70E-09	1.70E-08	1.70E-08	1.50E-08	8.50E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



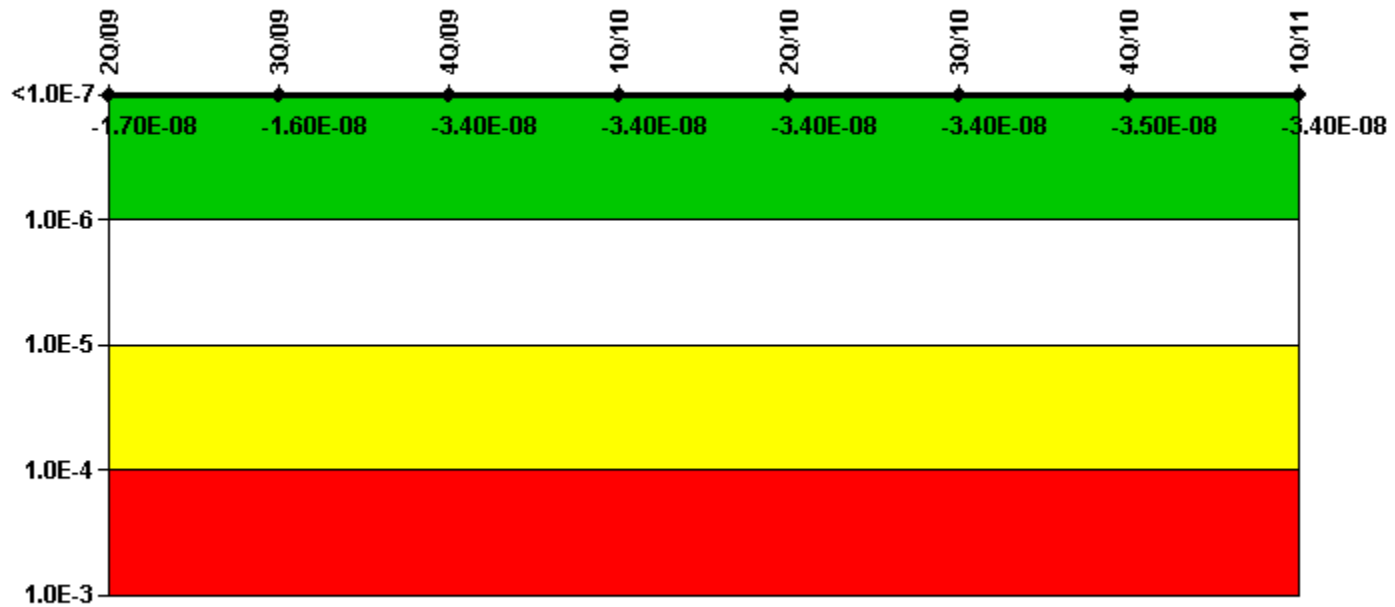
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (ΔCDF)	1.15E-07	7.44E-08	1.93E-07	1.80E-07	2.57E-07	2.68E-07	2.51E-07	2.65E-07
URI (ΔCDF)	-1.34E-07	-1.34E-07	-1.72E-07	-1.72E-07	-1.72E-07	-1.72E-07	-1.72E-07	-1.72E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.80E-08	-5.90E-08	2.10E-08	7.80E-09	8.50E-08	9.60E-08	7.90E-08	9.30E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



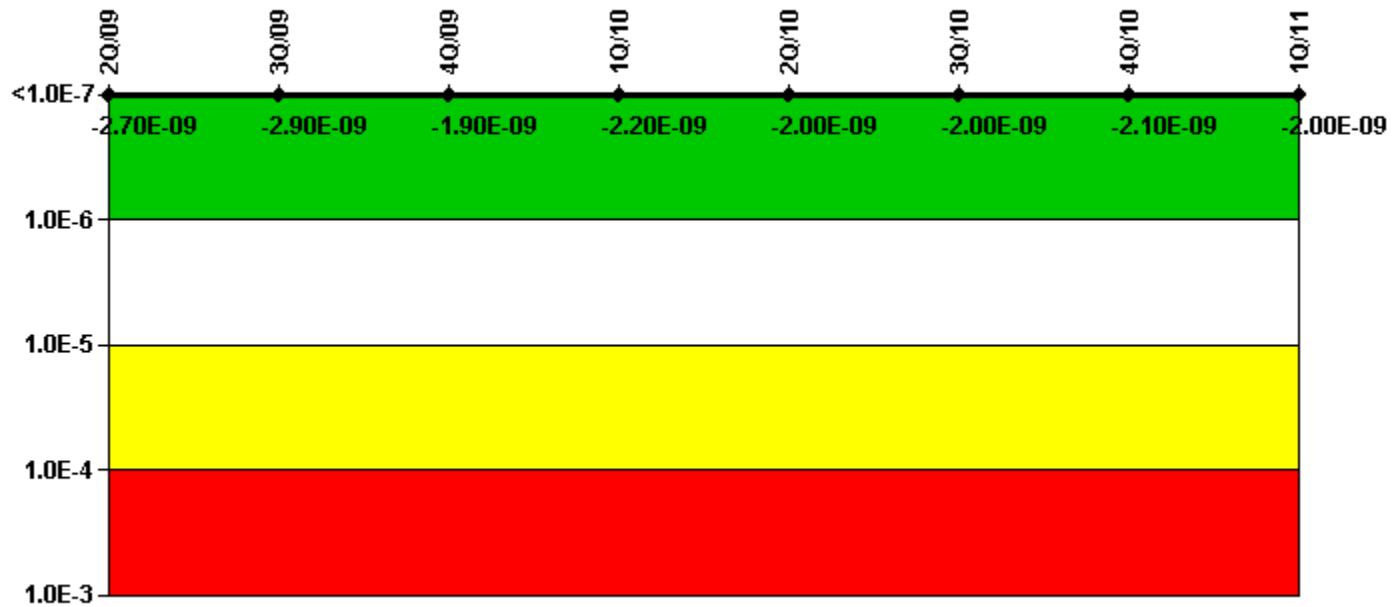
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (Δ CDF)	-2.11E-08	-1.98E-08	-1.54E-10	-1.54E-10	-9.66E-11	-2.25E-10	-1.06E-09	-3.84E-10
URI (Δ CDF)	4.23E-09	4.23E-09	-3.37E-08	-3.37E-08	-3.40E-08	-3.40E-08	-3.40E-08	-3.40E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.70E-08	-1.60E-08	-3.40E-08	-3.40E-08	-3.40E-08	-3.40E-08	-3.50E-08	-3.40E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



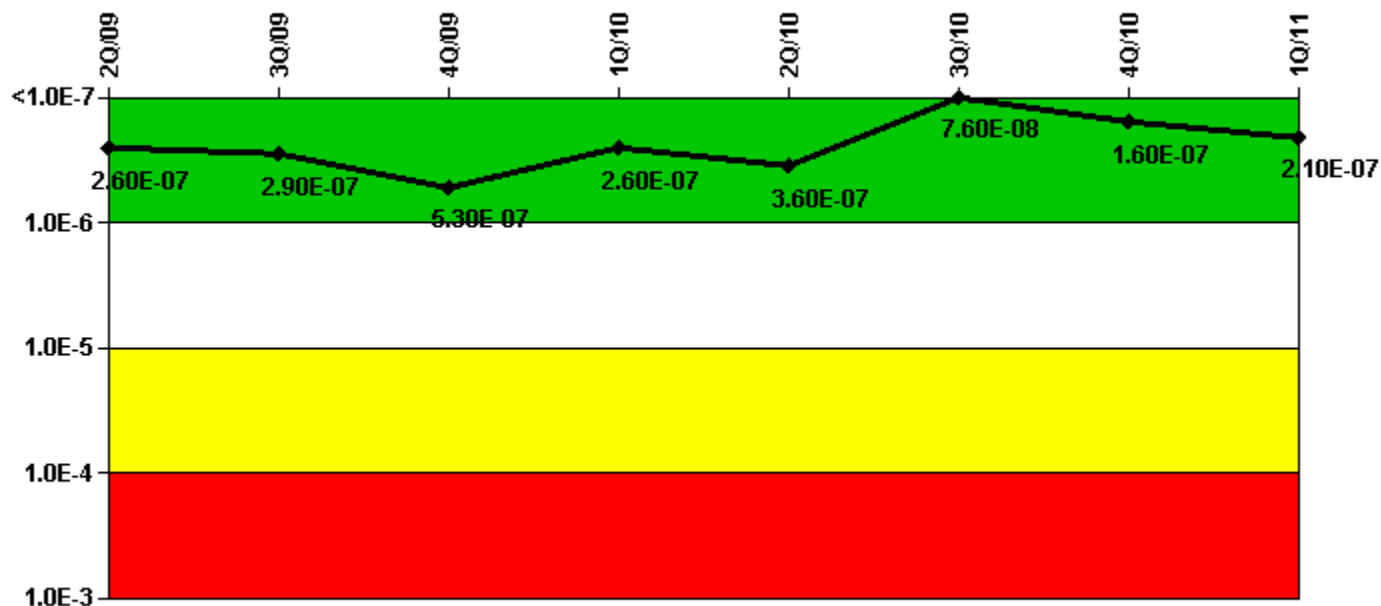
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (Δ CDF)	4.55E-10	2.55E-10	2.17E-10	-6.03E-11	1.27E-10	1.87E-10	9.77E-11	1.96E-10
URI (Δ CDF)	-3.19E-09	-3.19E-09	-2.16E-09	-2.16E-09	-2.16E-09	-2.16E-09	-2.16E-09	-2.16E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.70E-09	-2.90E-09	-1.90E-09	-2.20E-09	-2.00E-09	-2.00E-09	-2.10E-09	-2.00E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



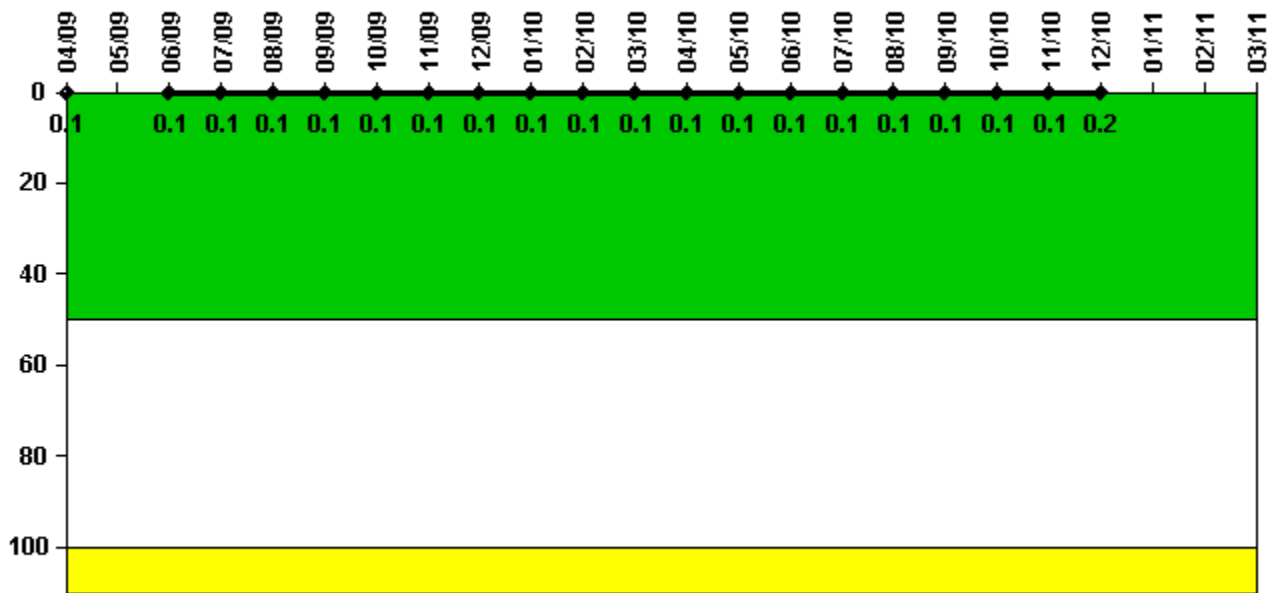
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (ΔCDF)	2.66E-07	2.96E-07	5.41E-07	2.70E-07	3.70E-07	8.50E-08	1.66E-07	2.21E-07
URI (ΔCDF)	-1.07E-08	-1.07E-08	-8.88E-09	-8.88E-09	-8.88E-09	-8.88E-09	-8.88E-09	-8.88E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.60E-07	2.90E-07	5.30E-07	2.60E-07	3.60E-07	7.60E-08	1.60E-07	2.10E-07

Licensee Comments: none

Reactor Coolant System Activity



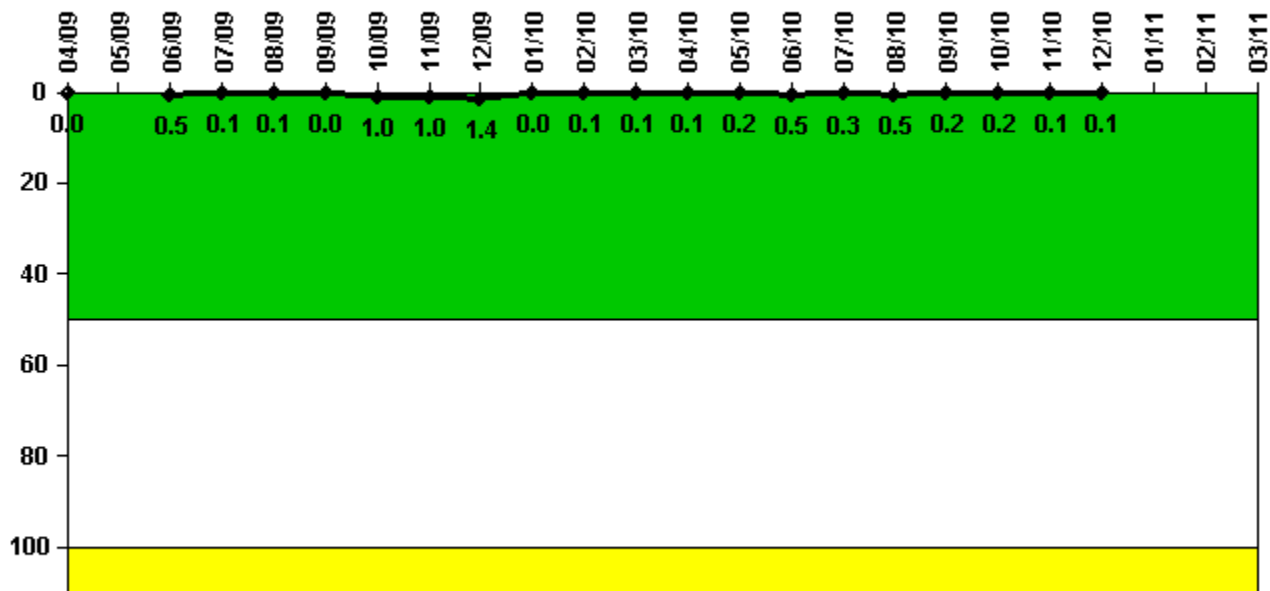
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10
Maximum activity	0.001330	N/A	0.000809	0.000847	0.000864	0.000892	0.000944	0.000897	0.000944	0.000951	0.001020	0.001060
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	N/A	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Reactor Coolant System Activity	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11
Maximum activity	0.001030	0.001040	0.001170	0.001140	0.001110	0.001180	0.001180	0.001250	0.001890	N/A	N/A	N/A
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	N/A	N/A	N/A

Licensee Comments: none

Reactor Coolant System Leakage



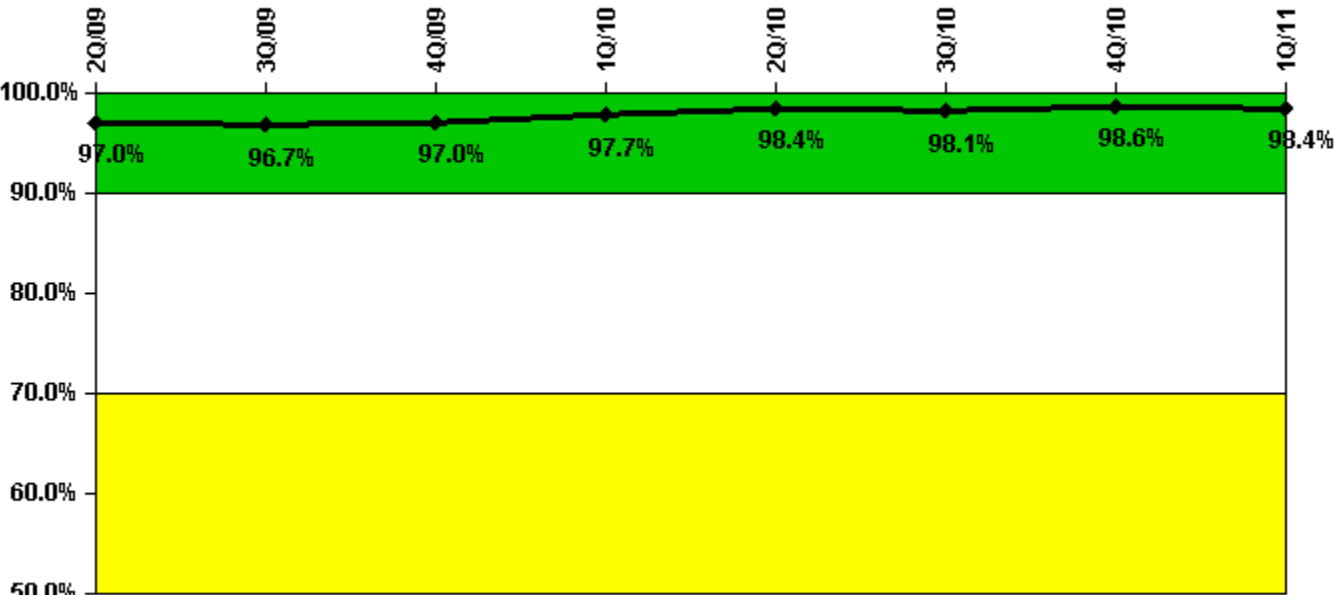
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10
Maximum leakage	0	N/A	0.053	0.005	0.005	0	0.100	0.100	0.140	0.002	0.010	0.007
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	N/A	0.5	0.1	0.1	0	1.0	1.0	1.4	0	0.1	0.1
Reactor Coolant System Leakage	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11
Maximum leakage	0.010	0.020	0.050	0.030	0.050	0.015	0.020	0.012	0.007	N/A	N/A	N/A
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.2	0.5	0.3	0.5	0.2	0.2	0.1	0.1	N/A	N/A	N/A

Licensee Comments: none

Drill/Exercise Performance



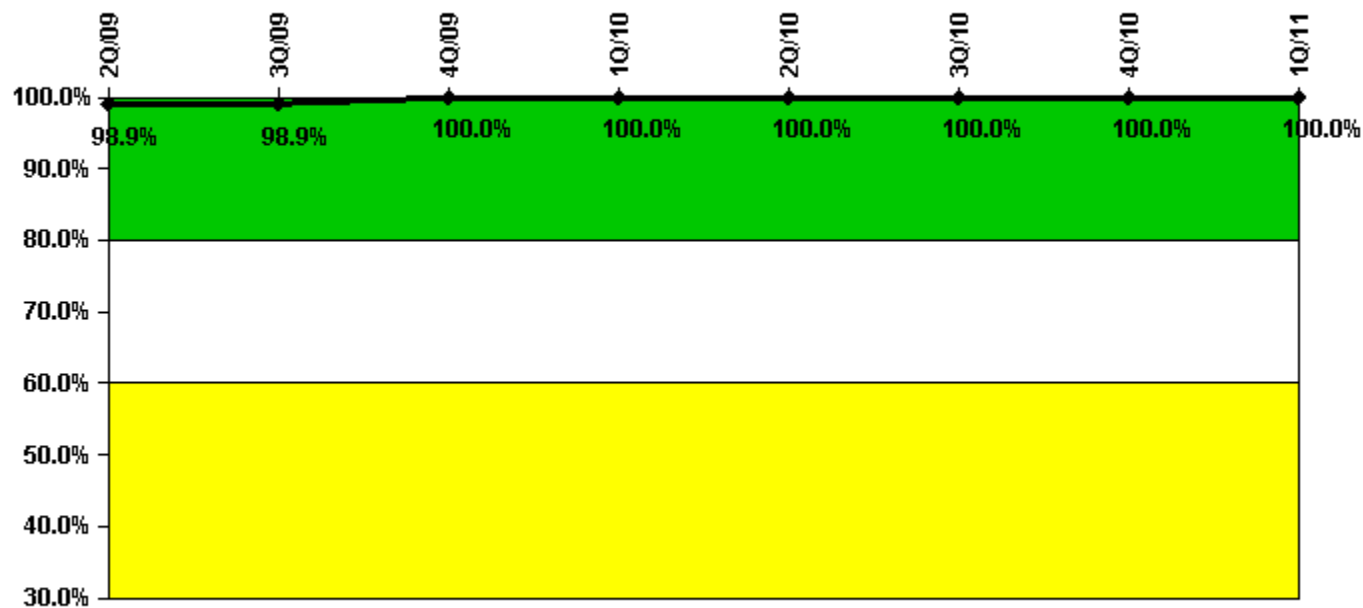
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Successful opportunities	26.0	51.0	74.0	21.0	9.0	76.0	52.0	0
Total opportunities	26.0	53.0	75.0	21.0	9.0	78.0	52.0	0
Indicator value	97.0%	96.7%	97.0%	97.7%	98.4%	98.1%	98.6%	98.4%

Licensee Comments: none

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

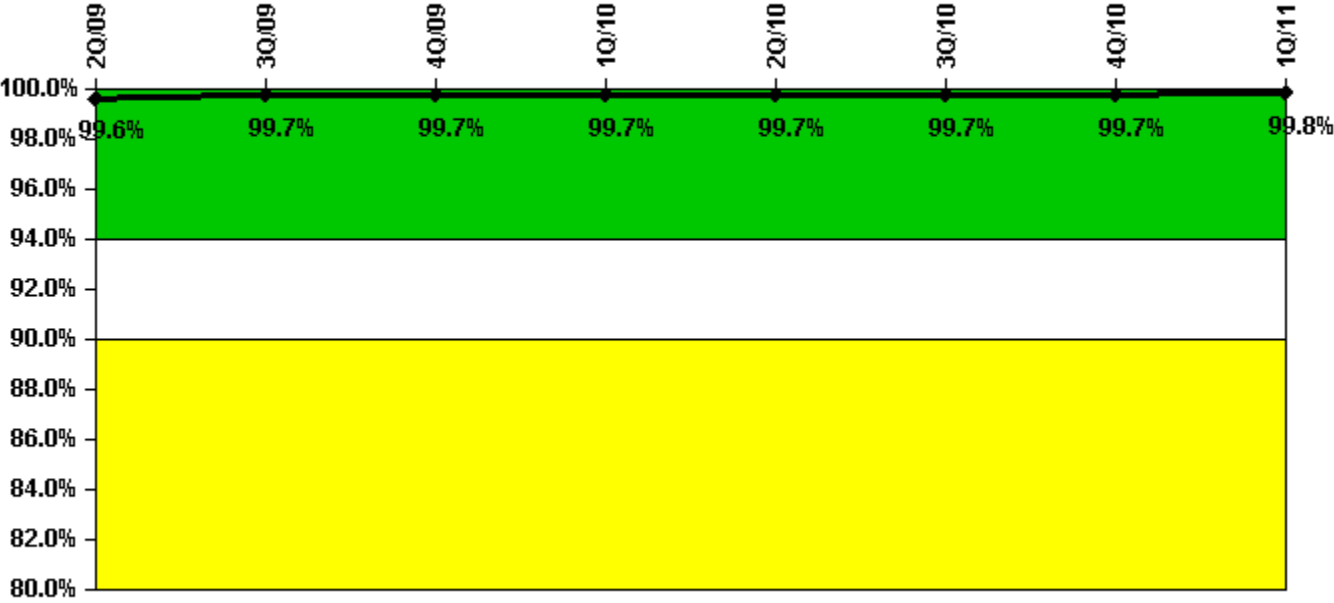
Notes

ERO Drill Participation	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Participating Key personnel	93.0	92.0	96.0	93.0	91.0	88.0	85.0	83.0
Total Key personnel	94.0	93.0	96.0	93.0	91.0	88.0	85.0	83.0
Indicator value	98.9%	98.9%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments:

4Q/10: 4Q/2010 data corrected from 86/86 to 85/85.

Alert & Notification System



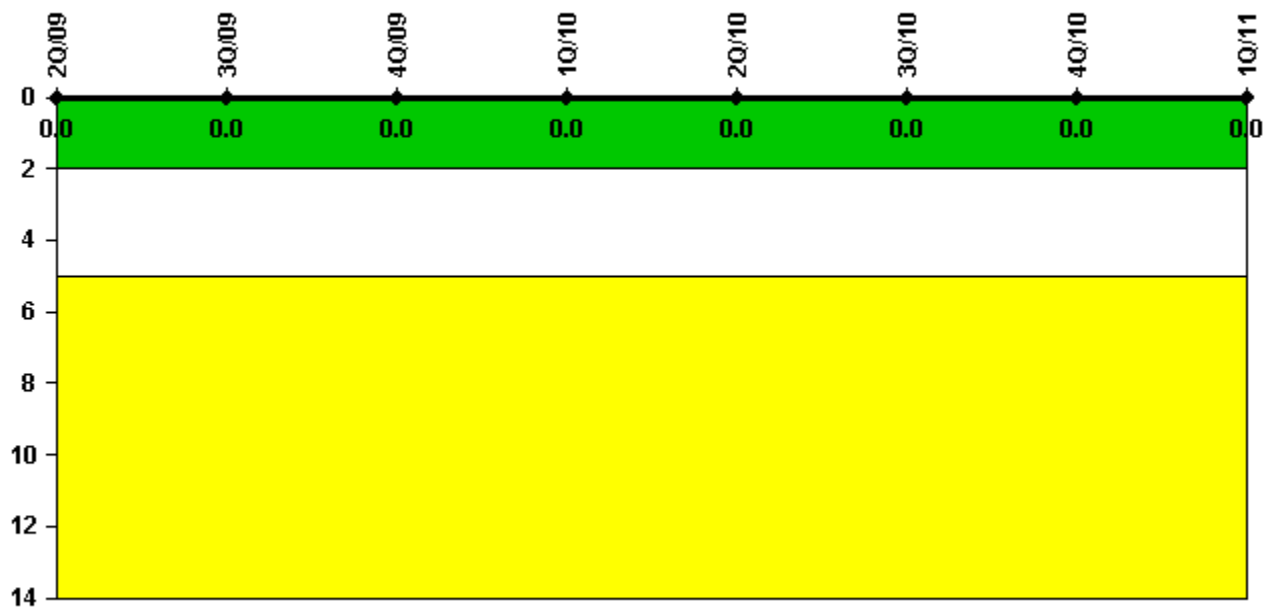
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Successful siren-tests	717	630	718	627	718	628	718	630
Total sirens-tests	720	630	720	630	720	630	720	630
Indicator value	99.6%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



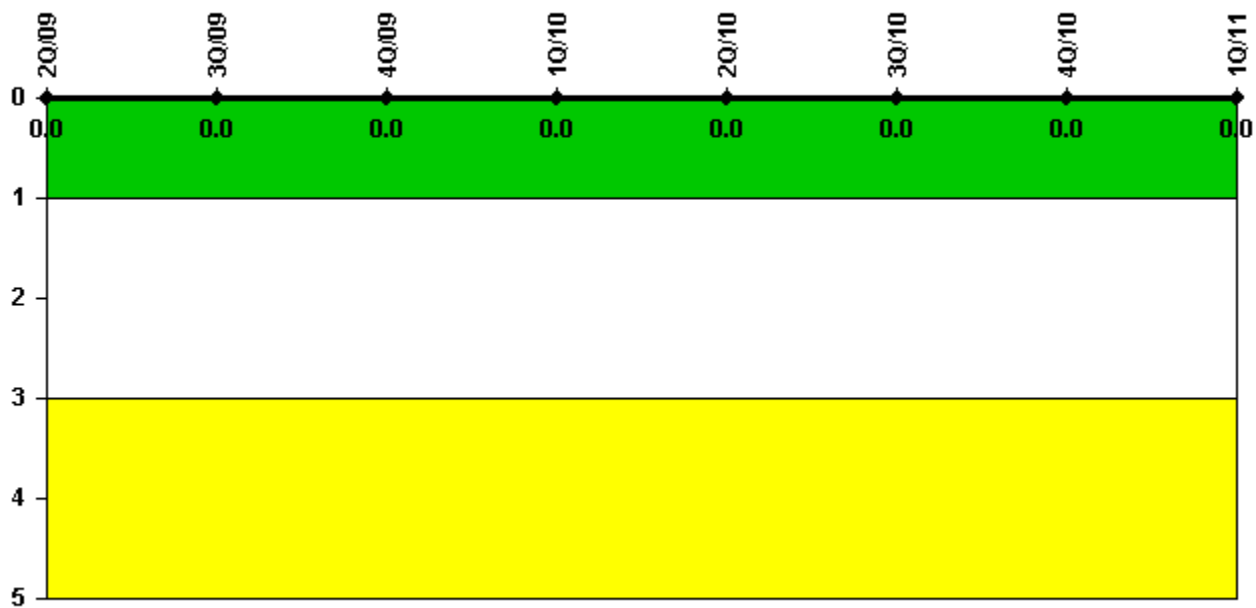
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
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/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

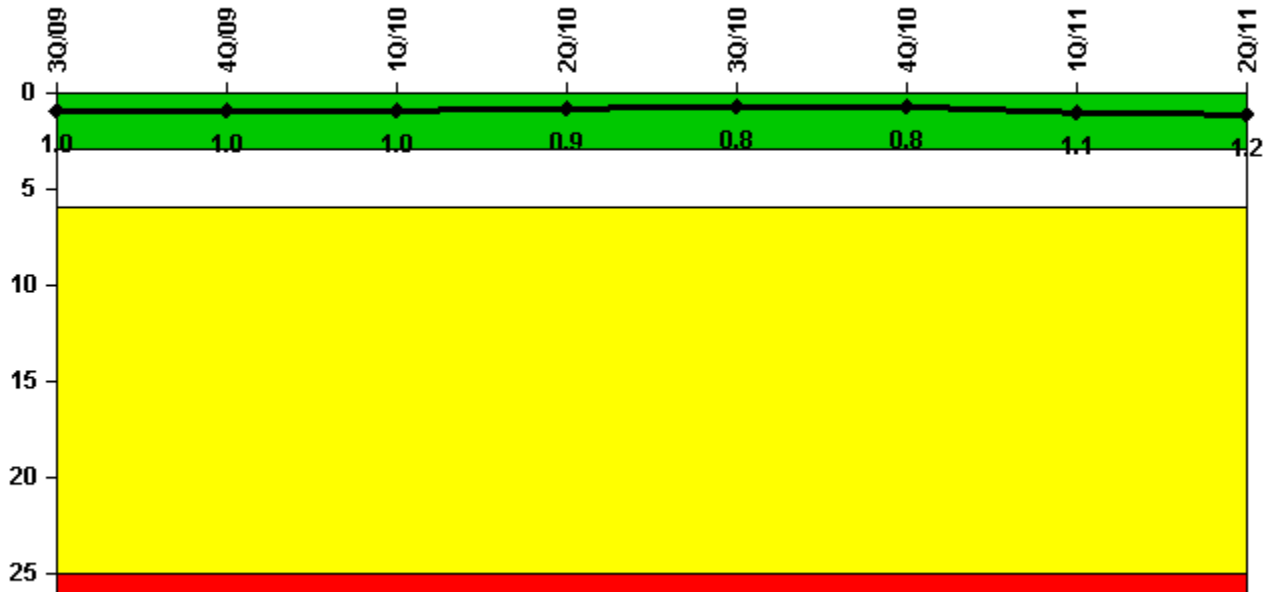
[Security](#) information not publicly available.

Saint Lucie 2

2Q/2011 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



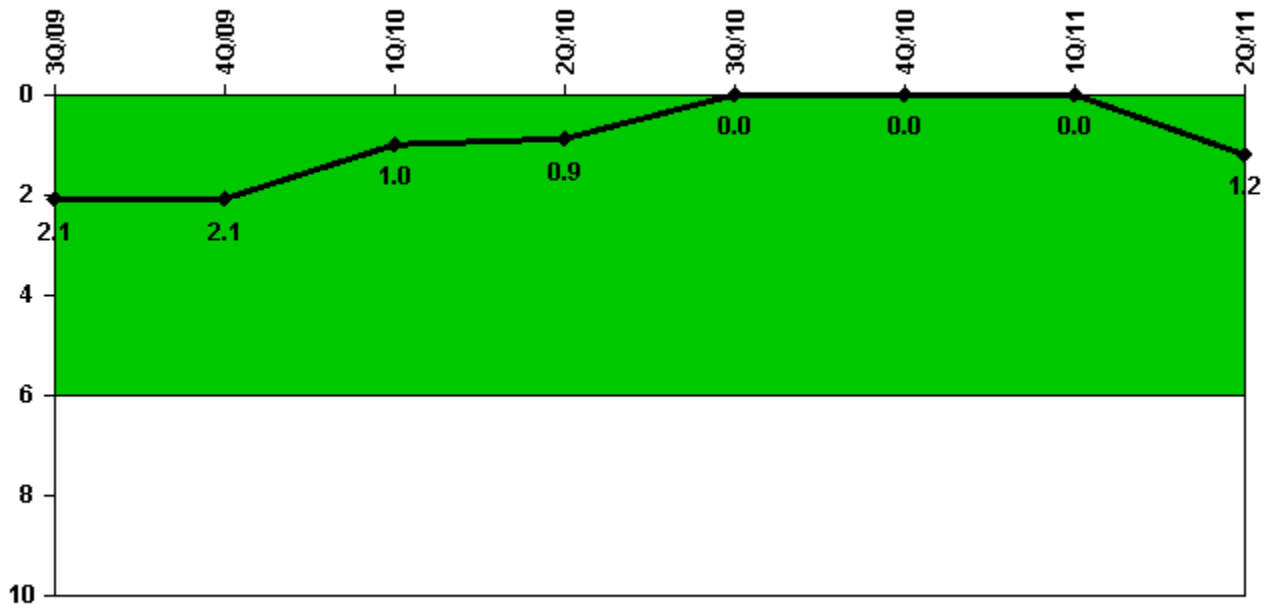
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Unplanned scrams	0	0	0	1.0	0	0	0	1.0
Critical hours	1402.9	2209.0	2159.0	2049.2	2208.0	2209.0	41.0	1329.1
Indicator value	1.0	1.0	1.0	0.9	0.8	0.8	1.1	1.2

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



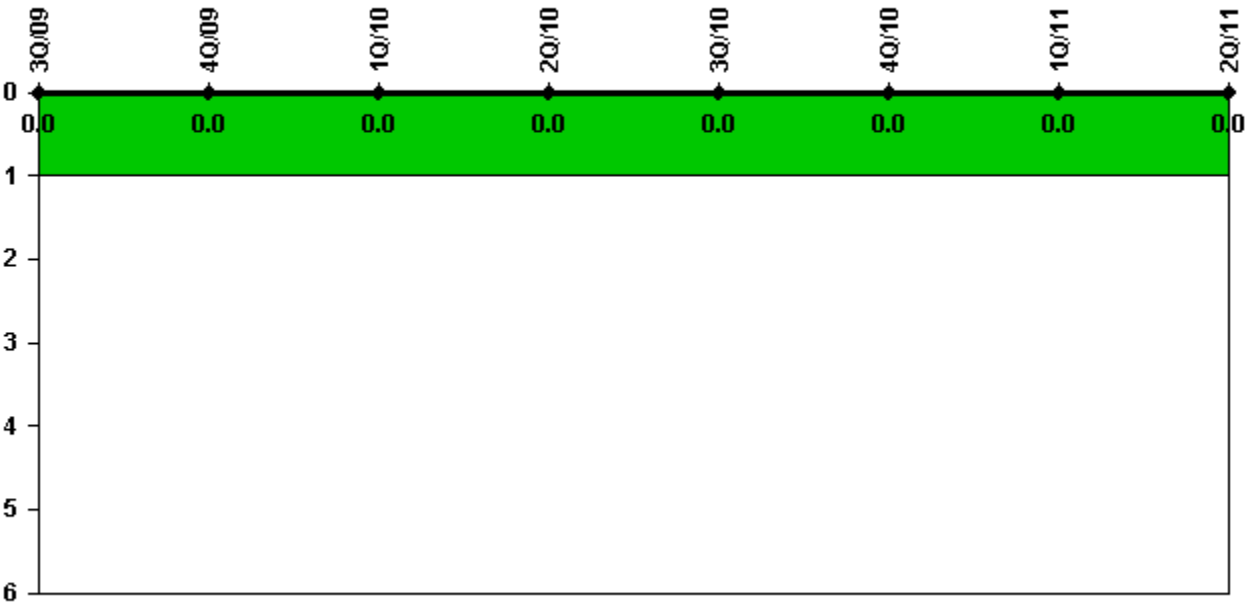
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Unplanned power changes	1.0	0	0	0	0	0	0	1.0
Critical hours	1402.9	2209.0	2159.0	2049.2	2208.0	2209.0	41.0	1329.1
Indicator value	2.1	2.1	1.0	0.9	0	0	0	1.2

Licensee Comments: none

Unplanned Scrams with Complications



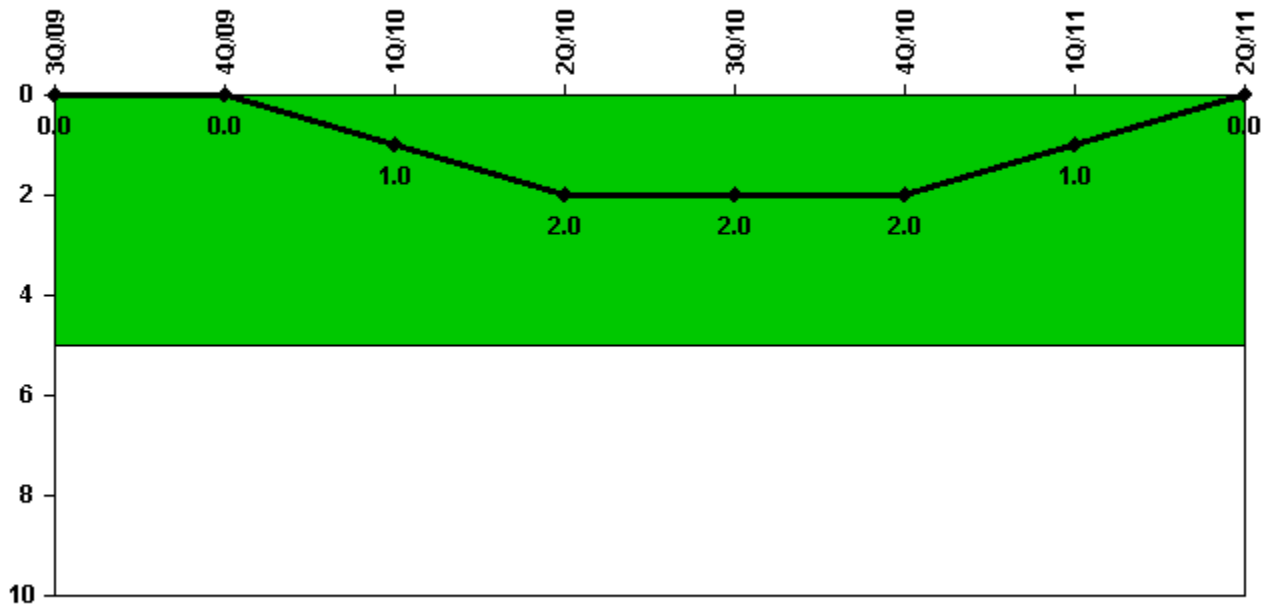
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
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 (PWR)



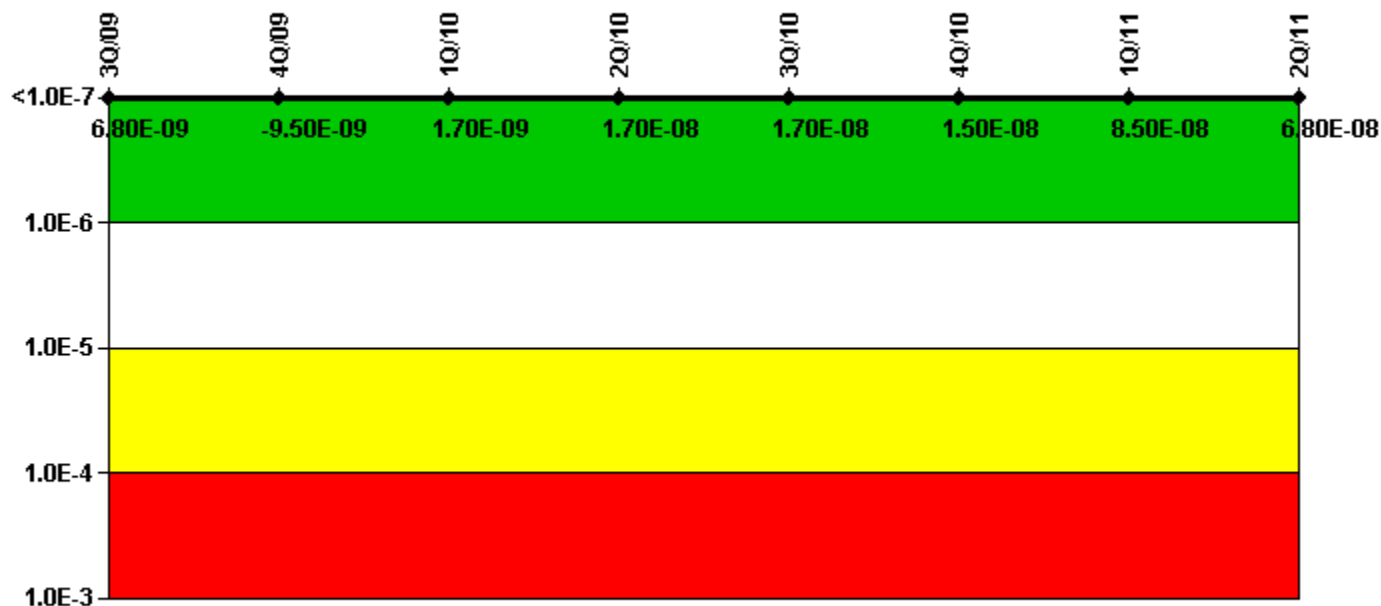
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Safety System Functional Failures	0	0	1	1	0	0	0	0
Indicator value	0	0	1	2	2	2	1	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



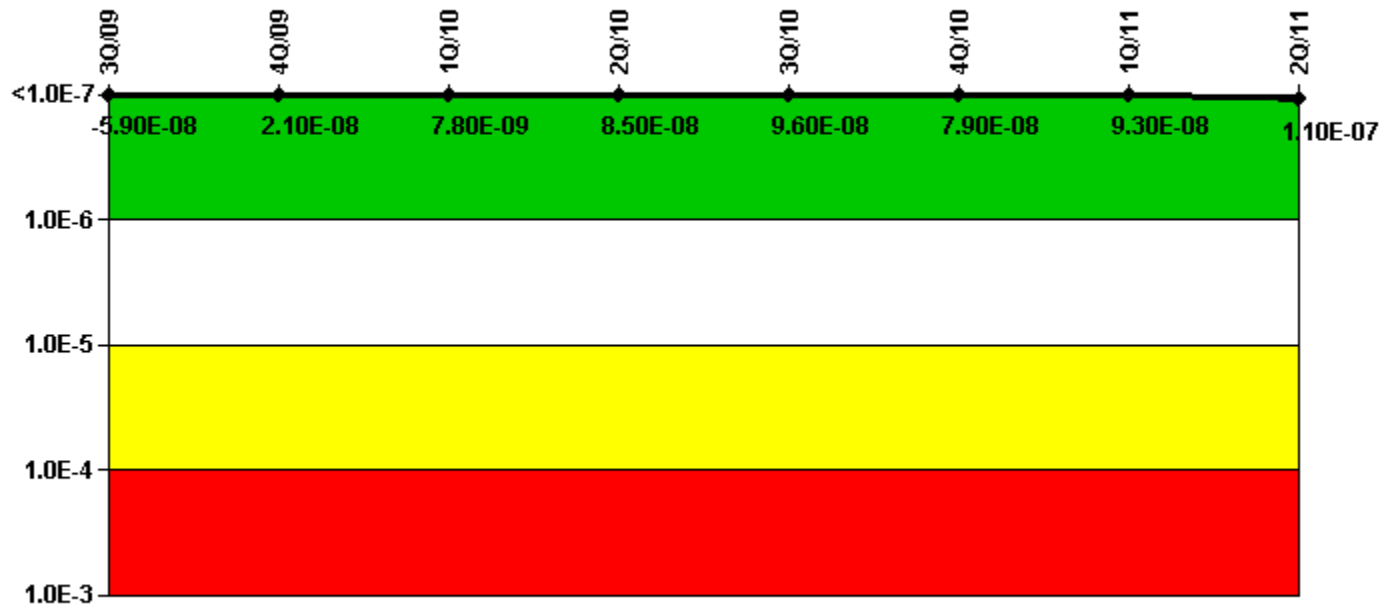
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (ΔCDF)	3.77E-08	7.39E-09	1.86E-08	2.24E-08	2.24E-08	2.03E-08	2.17E-08	1.63E-08
URI (ΔCDF)	-3.09E-08	-1.69E-08	-1.69E-08	-5.15E-09	-5.15E-09	-5.15E-09	6.34E-08	5.17E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	6.80E-09	9.50E-09	1.70E-09	1.70E-08	1.70E-08	1.50E-08	8.50E-08	6.80E-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	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (ΔCDF)	7.44E-08	1.93E-07	1.80E-07	2.57E-07	2.68E-07	2.51E-07	2.65E-07	2.86E-07
URI (ΔCDF)	-1.34E-07	-1.72E-07	-1.72E-07	-1.72E-07	-1.72E-07	-1.72E-07	-1.72E-07	-1.72E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.90E-08	2.10E-08	7.80E-09	8.50E-08	9.60E-08	7.90E-08	9.30E-08	1.10E-07

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



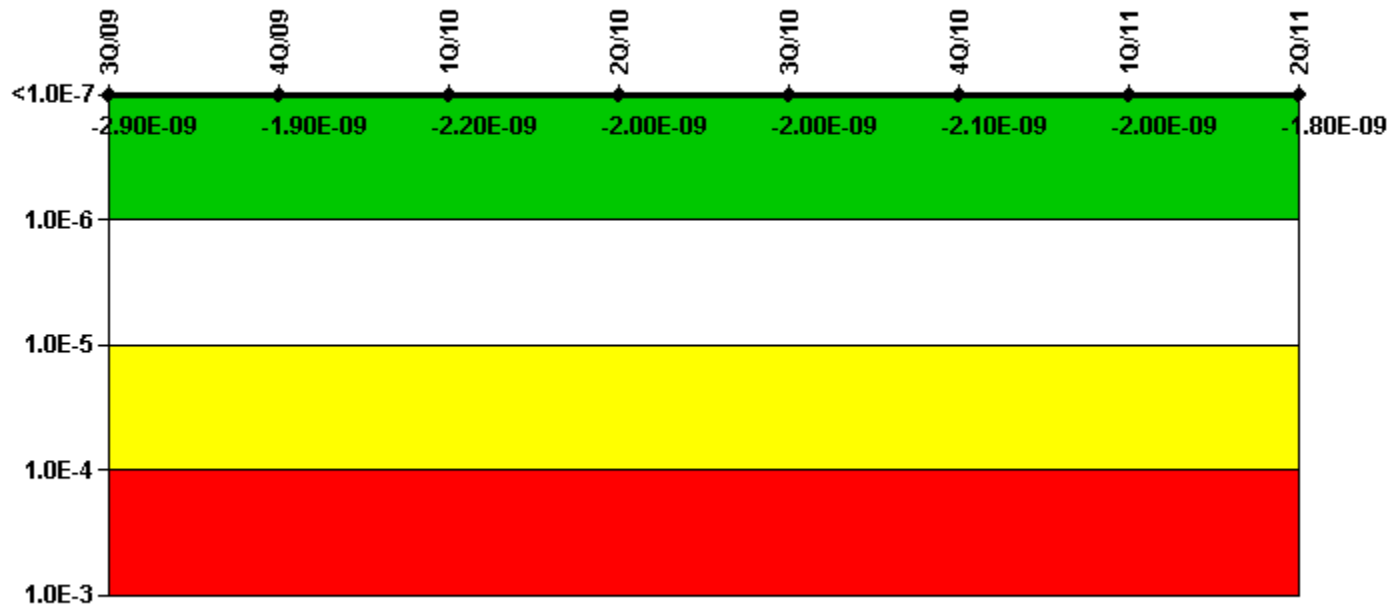
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (ΔCDF)	-1.98E-08	-1.54E-10	-1.54E-10	-9.66E-11	-2.25E-10	-1.06E-09	-3.84E-10	1.72E-08
URI (ΔCDF)	4.23E-09	-3.37E-08	-3.37E-08	-3.40E-08	-3.40E-08	-3.40E-08	-3.40E-08	-1.46E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.60E-08	-3.40E-08	-3.40E-08	-3.40E-08	-3.40E-08	-3.50E-08	-3.40E-08	2.60E-09

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



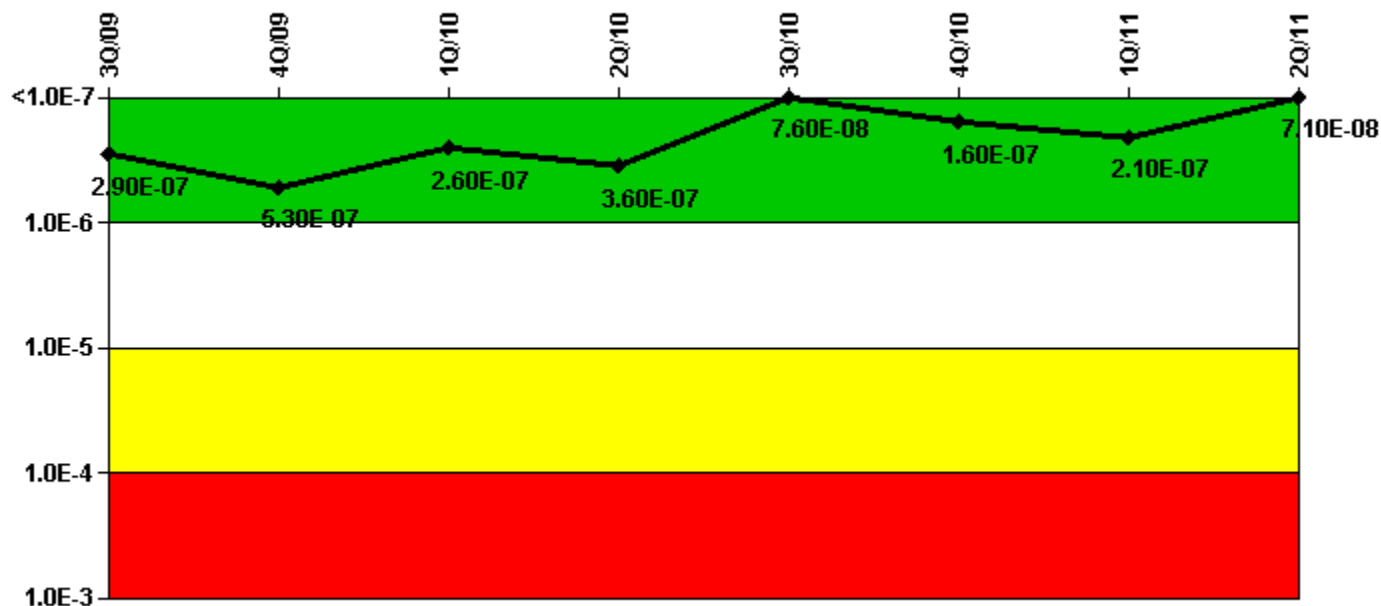
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (Δ CDF)	2.55E-10	2.17E-10	-6.03E-11	1.27E-10	1.87E-10	9.77E-11	1.96E-10	3.94E-10
URI (Δ CDF)	-3.19E-09	-2.16E-09	-2.16E-09	-2.16E-09	-2.16E-09	-2.16E-09	-2.16E-09	-2.16E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.90E-09	-1.90E-09	-2.20E-09	-2.00E-09	-2.00E-09	-2.10E-09	-2.00E-09	-1.80E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



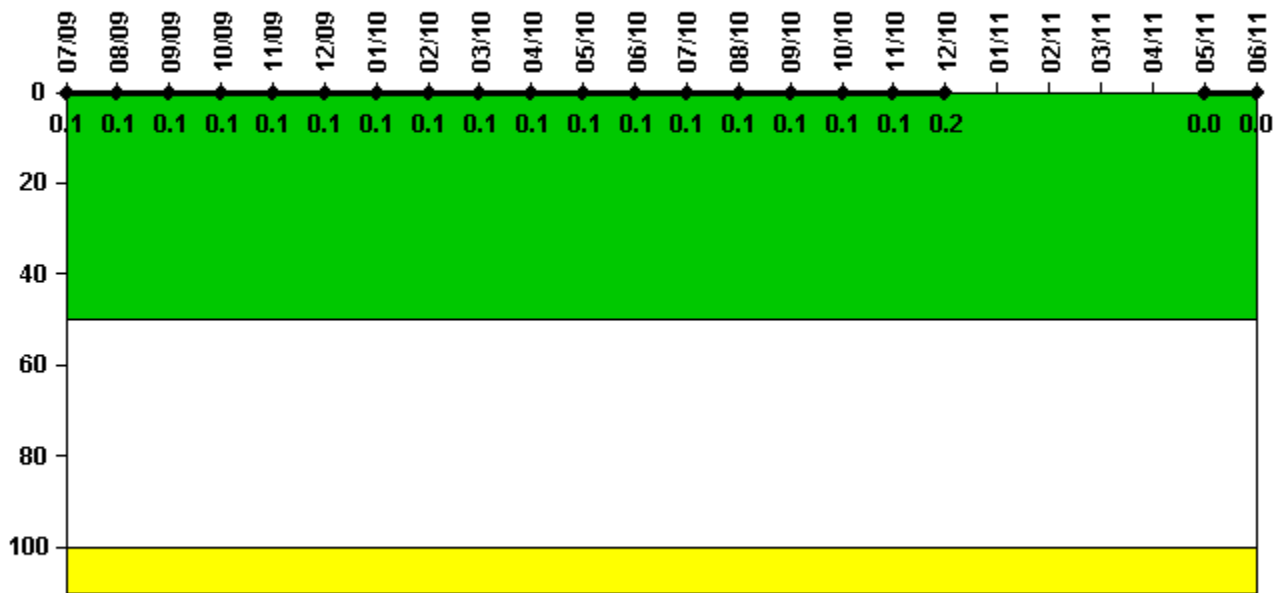
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (ΔCDF)	2.96E-07	5.41E-07	2.70E-07	3.70E-07	8.50E-08	1.66E-07	2.21E-07	7.98E-08
URI (ΔCDF)	-1.07E-08	-8.88E-09	-8.88E-09	-8.88E-09	-8.88E-09	-8.88E-09	-8.88E-09	-8.88E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.90E-07	5.30E-07	2.60E-07	3.60E-07	7.60E-08	1.60E-07	2.10E-07	7.10E-08

Licensee Comments: none

Reactor Coolant System Activity



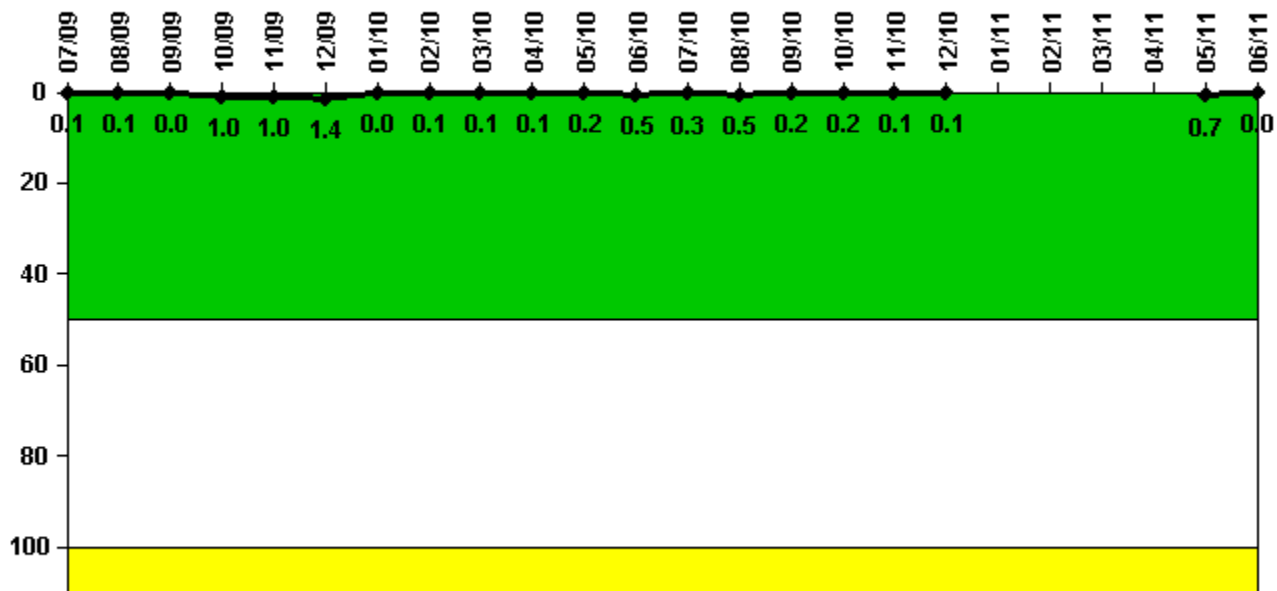
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10	4/10	5/10	6/10
Maximum activity	0.000847	0.000864	0.000892	0.000944	0.000897	0.000944	0.000951	0.001020	0.001060	0.001030	0.001040	0.001170
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
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
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	0.001140	0.001110	0.001180	0.001180	0.001250	0.001890	N/A	N/A	N/A	N/A	0.000322	0.000357
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.2	N/A	N/A	N/A	N/A	0	0

Licensee Comments: none

Reactor Coolant System Leakage



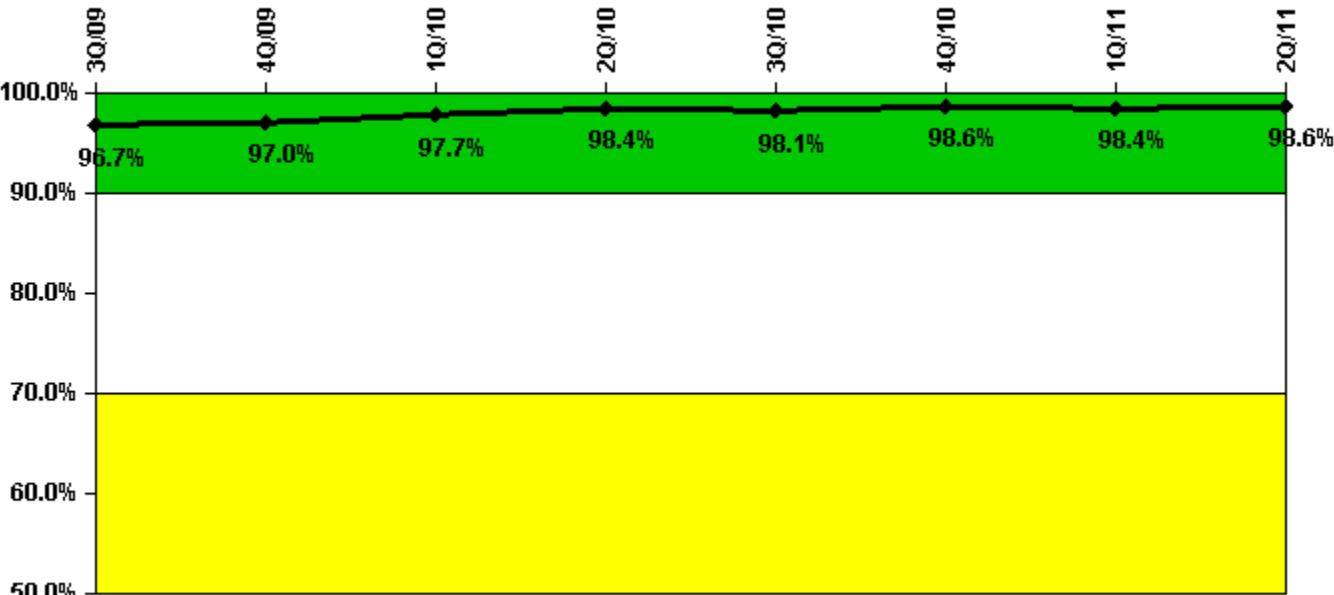
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10	4/10	5/10	6/10
Maximum leakage	0.005	0.005	0	0.100	0.100	0.140	0.002	0.010	0.007	0.010	0.020	0.050
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.1	0	1.0	1.0	1.4	0	0.1	0.1	0.1	0.2	0.5
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	0.030	0.050	0.015	0.020	0.012	0.007	N/A	N/A	N/A	N/A	0.070	0.002
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.5	0.2	0.2	0.1	0.1	N/A	N/A	N/A	N/A	0.7	0

Licensee Comments: none

Drill/Exercise Performance



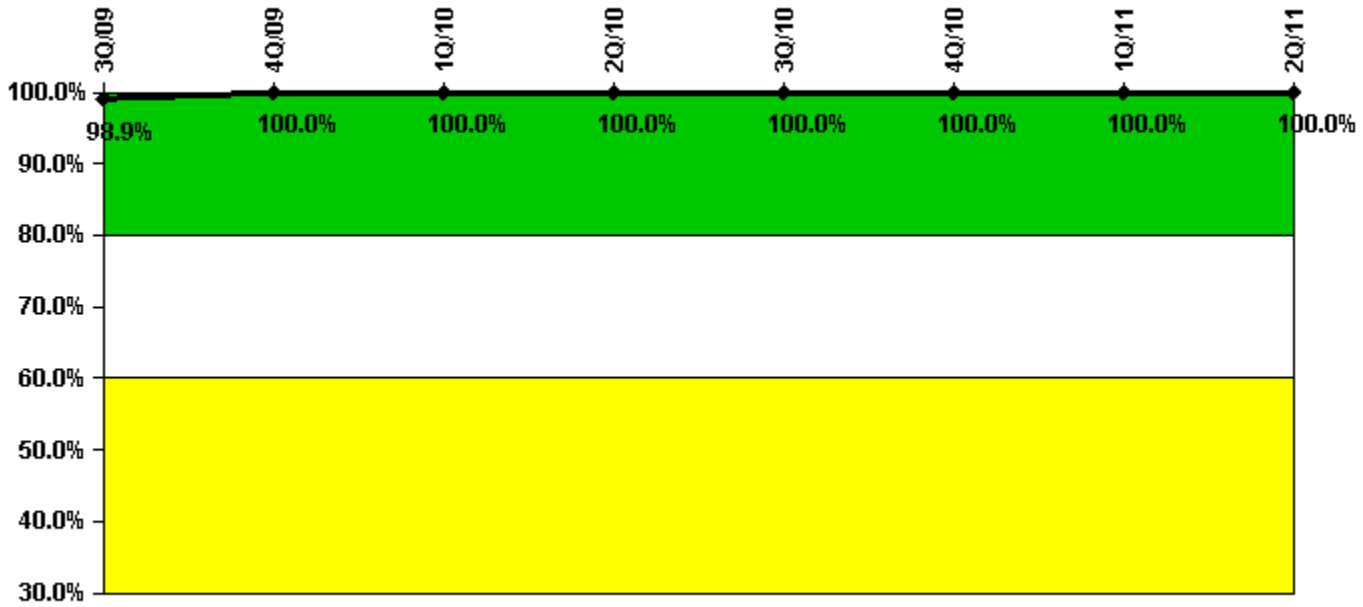
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Successful opportunities	51.0	74.0	21.0	9.0	76.0	52.0	0	69.0
Total opportunities	53.0	75.0	21.0	9.0	78.0	52.0	0	69.0
Indicator value	96.7%	97.0%	97.7%	98.4%	98.1%	98.6%	98.4%	98.6%

Licensee Comments: none

ERO Drill Participation



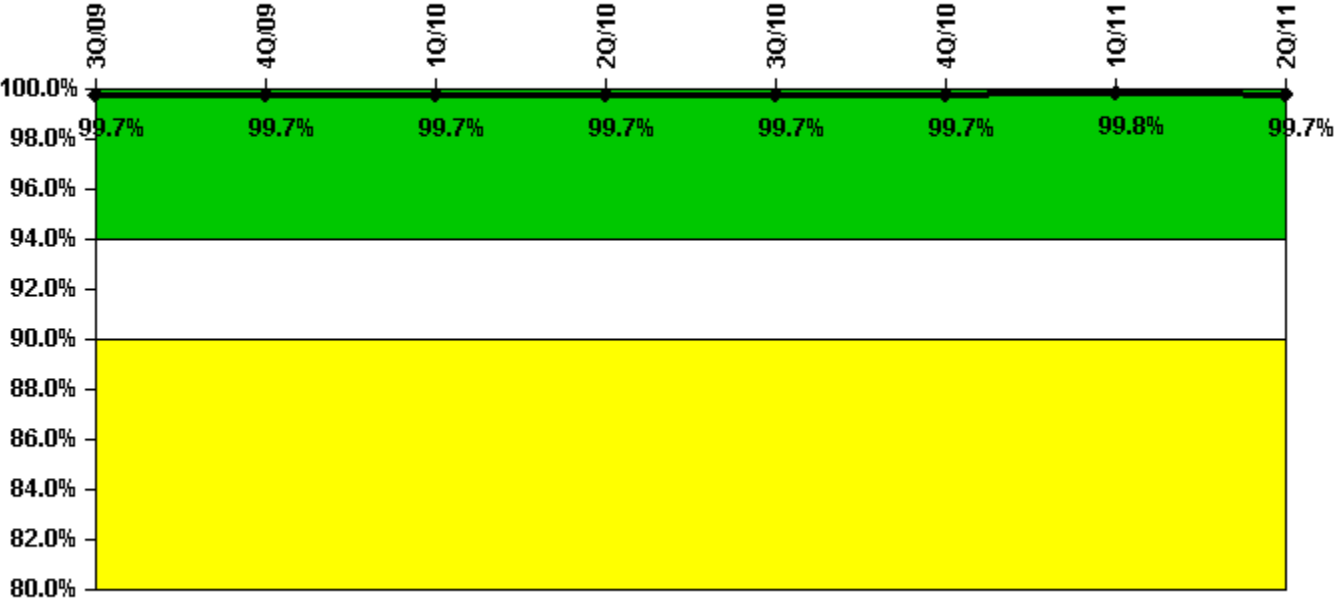
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Participating Key personnel	92.0	96.0	93.0	91.0	88.0	85.0	83.0	88.0
Total Key personnel	93.0	96.0	93.0	91.0	88.0	85.0	83.0	88.0
Indicator value	98.9%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



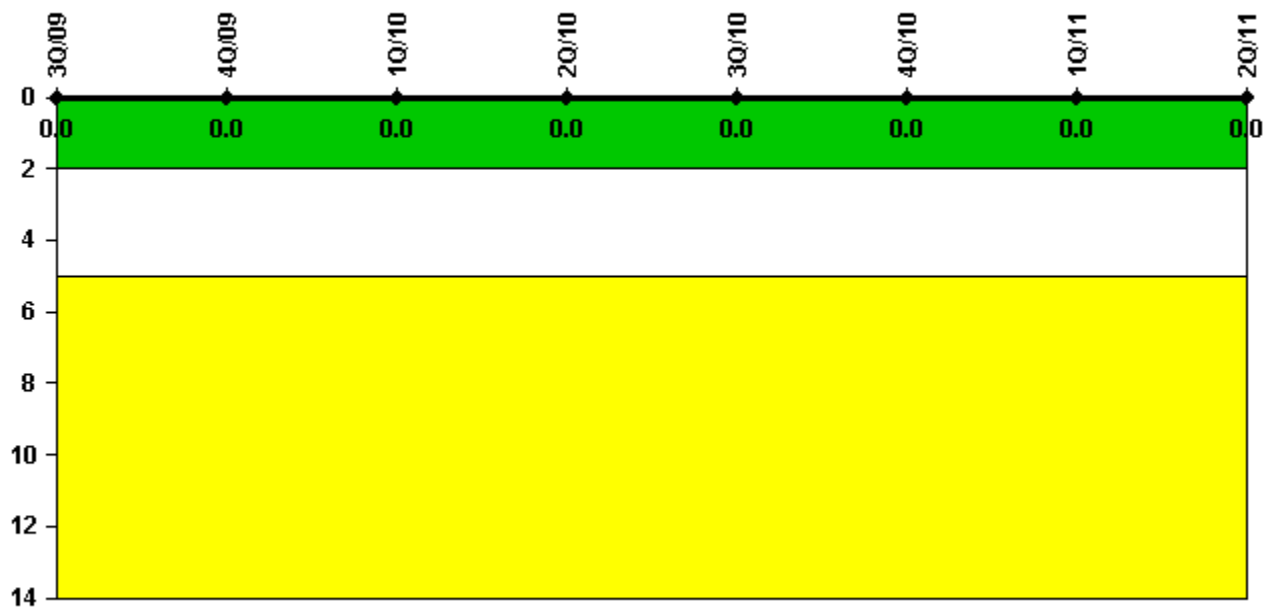
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Successful siren-tests	630	718	627	718	628	718	630	715
Total sirens-tests	630	720	630	720	630	720	630	720
Indicator value	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.8%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



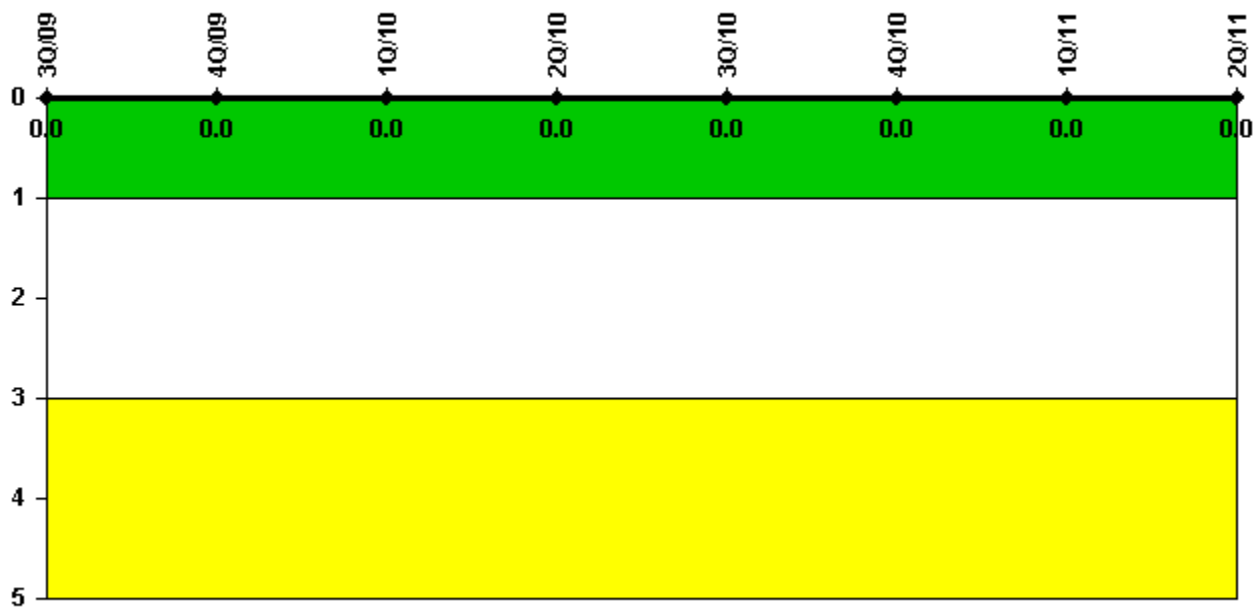
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
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/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

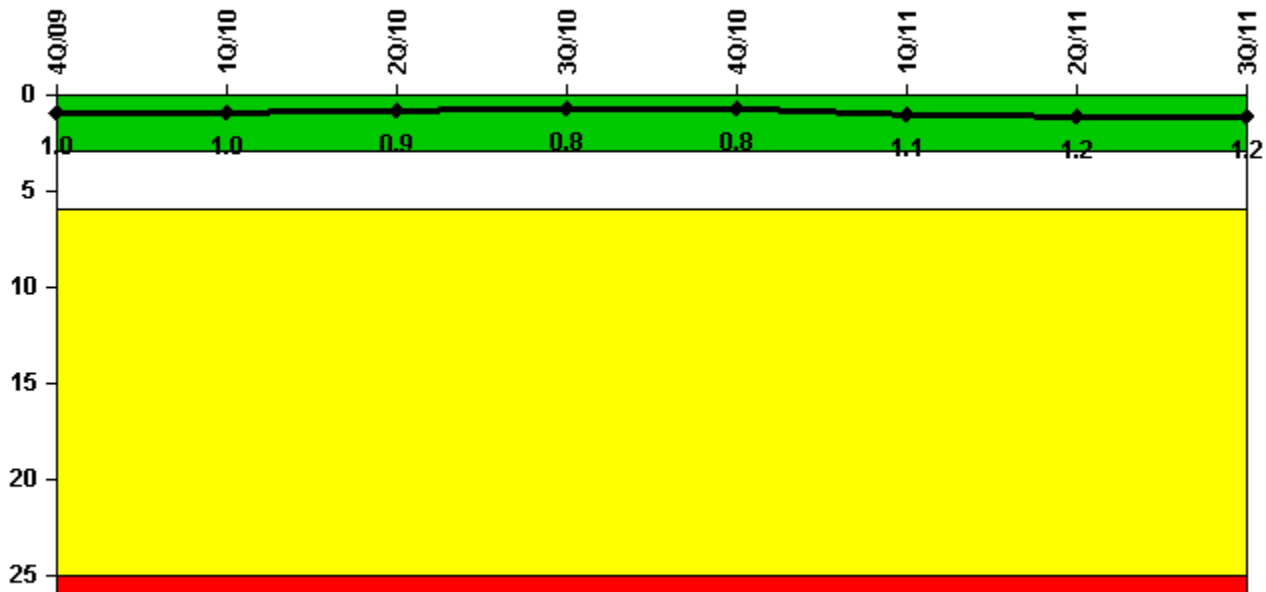
[Security](#) information not publicly available.

Saint Lucie 2

3Q/2011 Performance Indicators

Licensee's General Comments: AFW non-test ESFAS actuations added for June Rx trip.

Unplanned Scrams per 7000 Critical Hrs



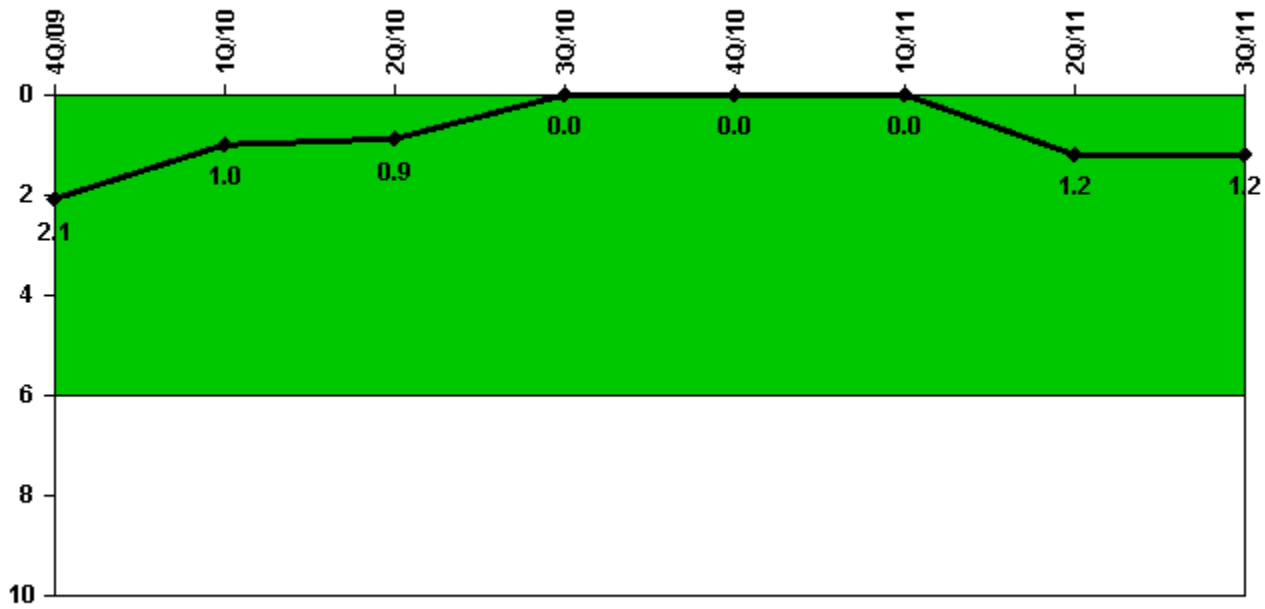
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Unplanned scrams	0	0	1.0	0	0	0	1.0	0
Critical hours	2209.0	2159.0	2049.2	2208.0	2209.0	41.0	1329.1	2208.0
Indicator value	1.0	1.0	0.9	0.8	0.8	1.1	1.2	1.2

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



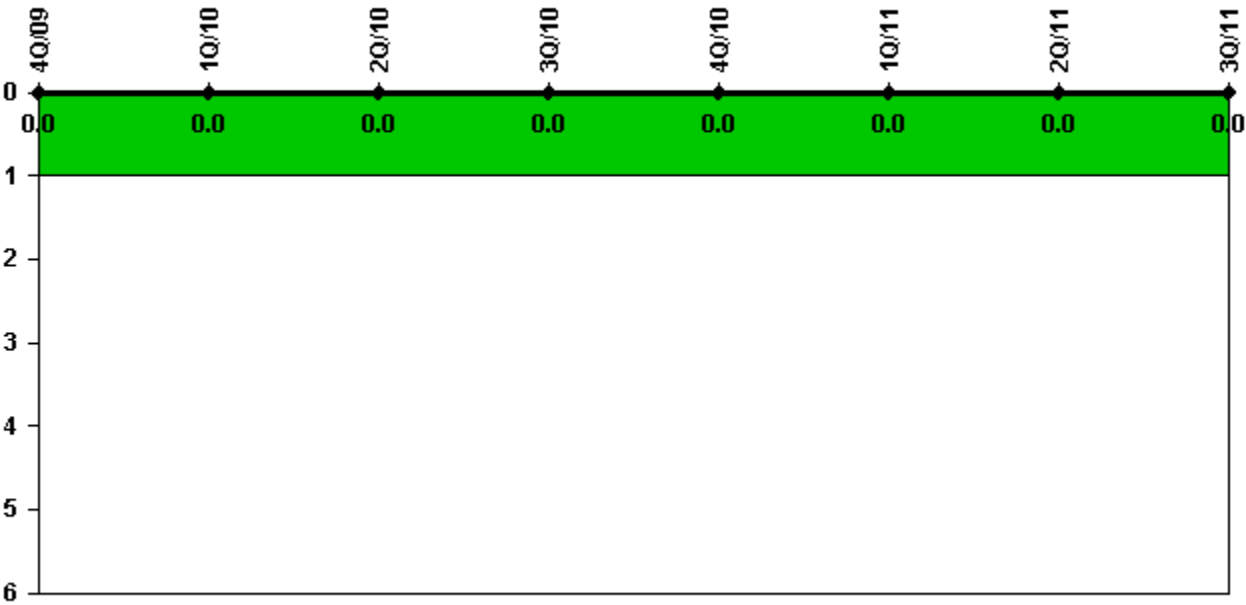
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Unplanned power changes	0	0	0	0	0	0	1.0	0
Critical hours	2209.0	2159.0	2049.2	2208.0	2209.0	41.0	1329.1	2208.0
Indicator value	2.1	1.0	0.9	0	0	0	1.2	1.2

Licensee Comments: none

Unplanned Scrams with Complications



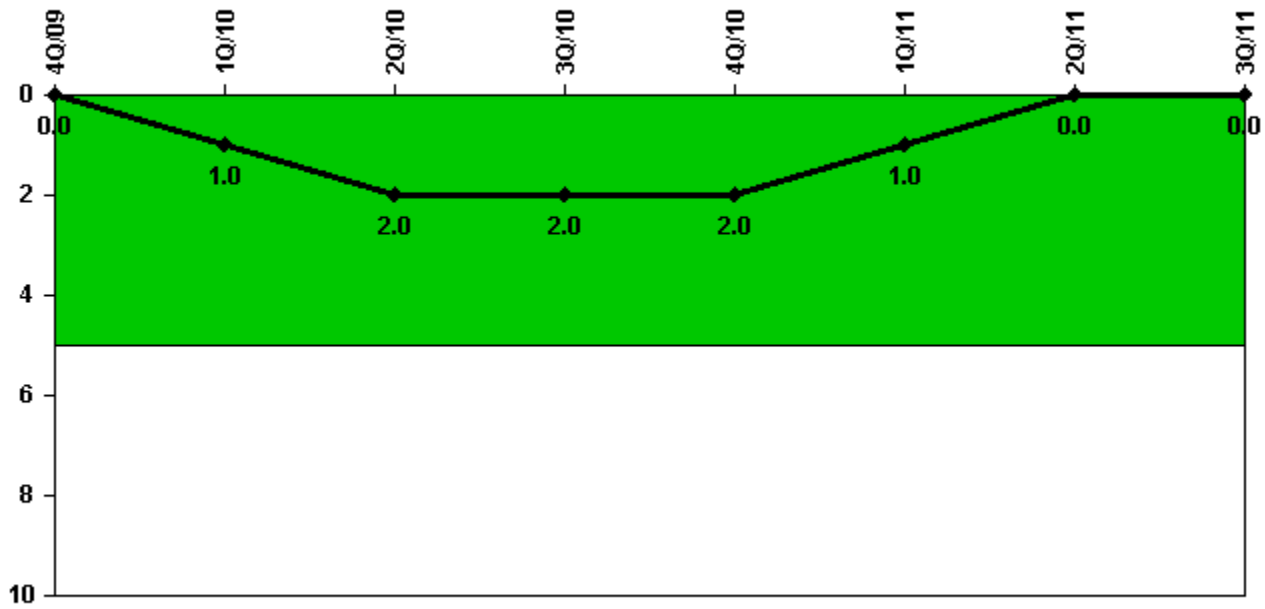
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
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 (PWR)



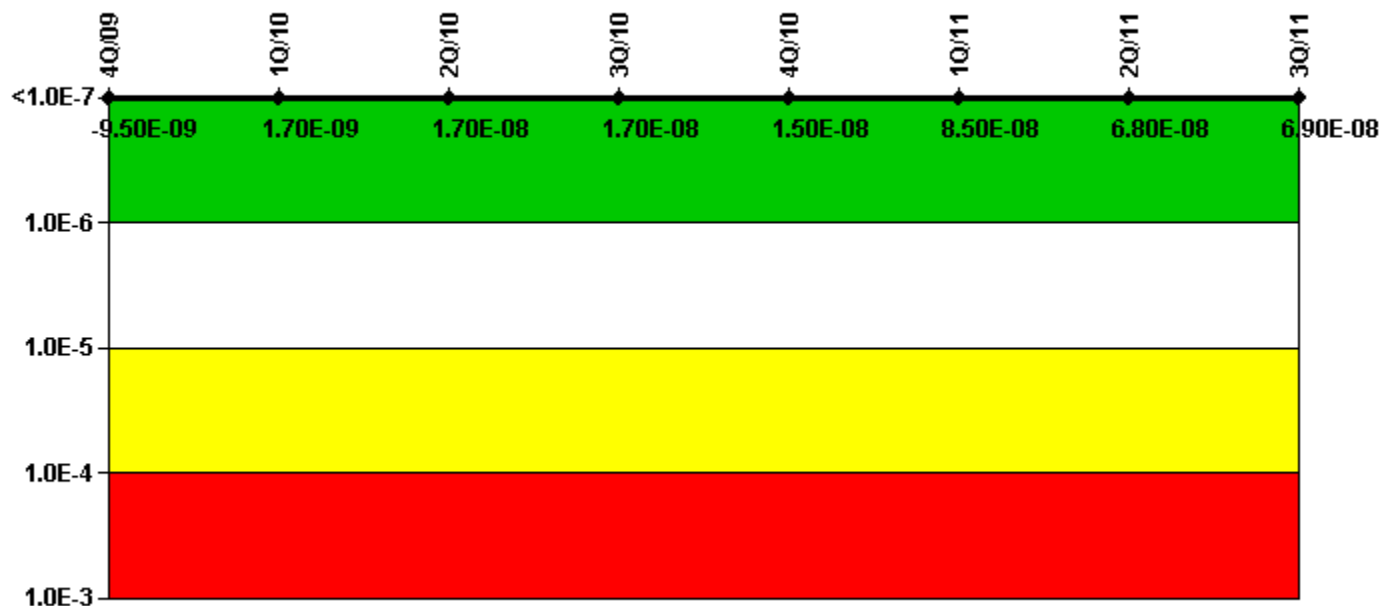
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Safety System Functional Failures	0	1	1	0	0	0	0	0
Indicator value	0	1	2	2	2	1	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



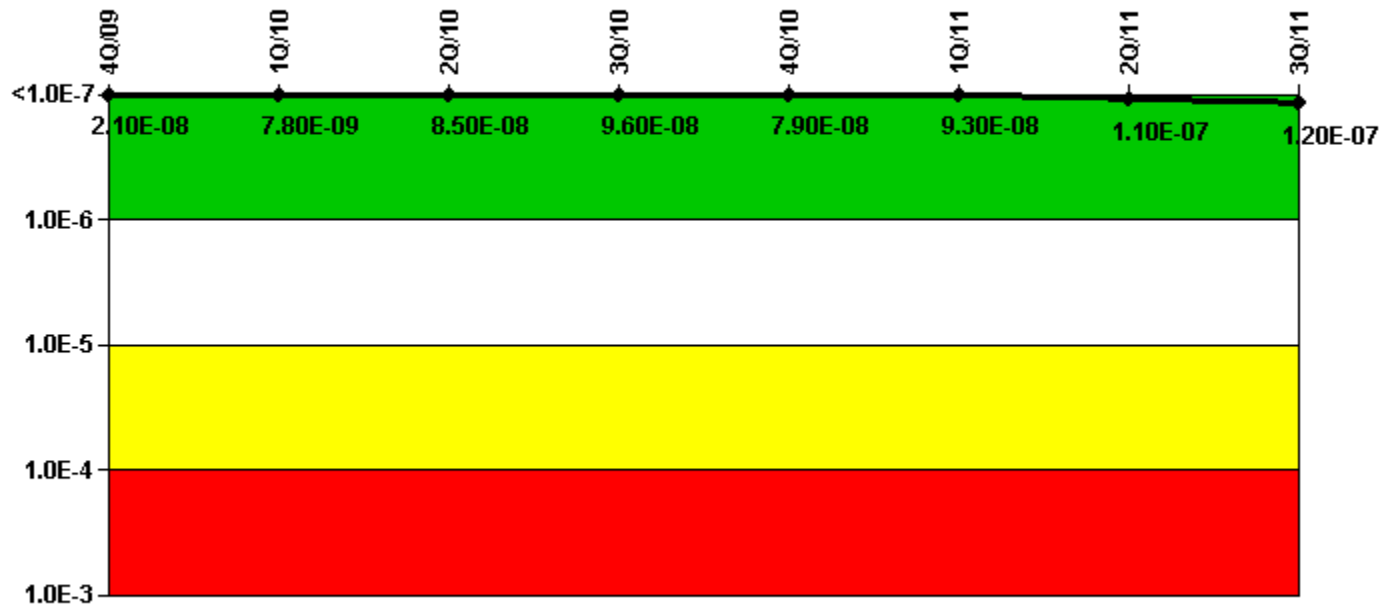
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (ΔCDF)	7.39E-09	1.86E-08	2.24E-08	2.24E-08	2.03E-08	2.17E-08	1.63E-08	1.69E-08
URI (ΔCDF)	-1.69E-08	-1.69E-08	-5.15E-09	-5.15E-09	-5.15E-09	6.34E-08	5.17E-08	5.17E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-9.50E-09	1.70E-09	1.70E-08	1.70E-08	1.50E-08	8.50E-08	6.80E-08	6.90E-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	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (ΔCDF)	1.93E-07	1.80E-07	2.57E-07	2.68E-07	2.51E-07	2.65E-07	2.86E-07	2.89E-07
URI (ΔCDF)	-1.72E-07	-1.72E-07	-1.72E-07	-1.72E-07	-1.72E-07	-1.72E-07	-1.72E-07	-1.72E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.10E-08	7.80E-09	8.50E-08	9.60E-08	7.90E-08	9.30E-08	1.10E-07	1.20E-07

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



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

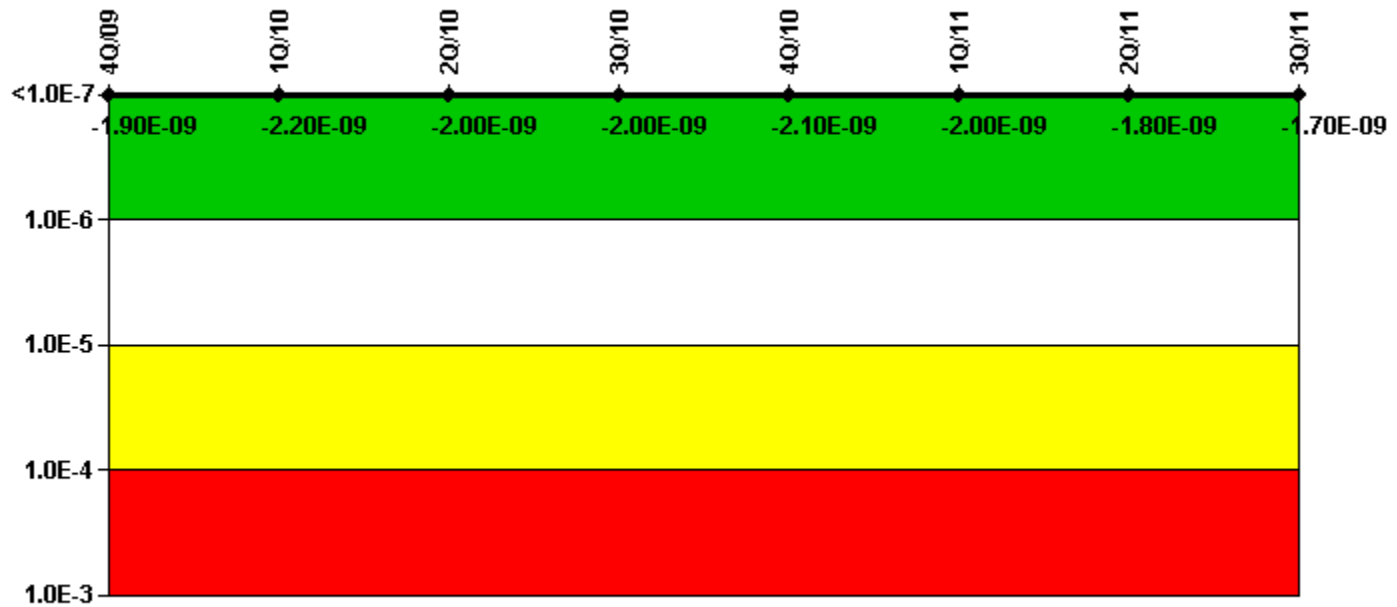
Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (ΔCDF)	-1.54E-10	-1.54E-10	-9.66E-11	-2.25E-10	-1.06E-09	-3.84E-10	1.72E-08	2.49E-08
URI (ΔCDF)	-3.37E-08	-3.37E-08	-3.40E-08	-3.40E-08	-3.40E-08	-3.40E-08	-1.51E-08	-1.51E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.40E-08	-3.40E-08	-3.40E-08	-3.40E-08	-3.50E-08	-3.40E-08	2.10E-09	9.80E-09

Licensee Comments:

2Q/11: ESF non-test demands and run-hours changed to reflect the automatic AFW actuation that occurred during the June 6, 2011 reactor trip.

Mitigating Systems Performance Index, Residual Heat Removal System



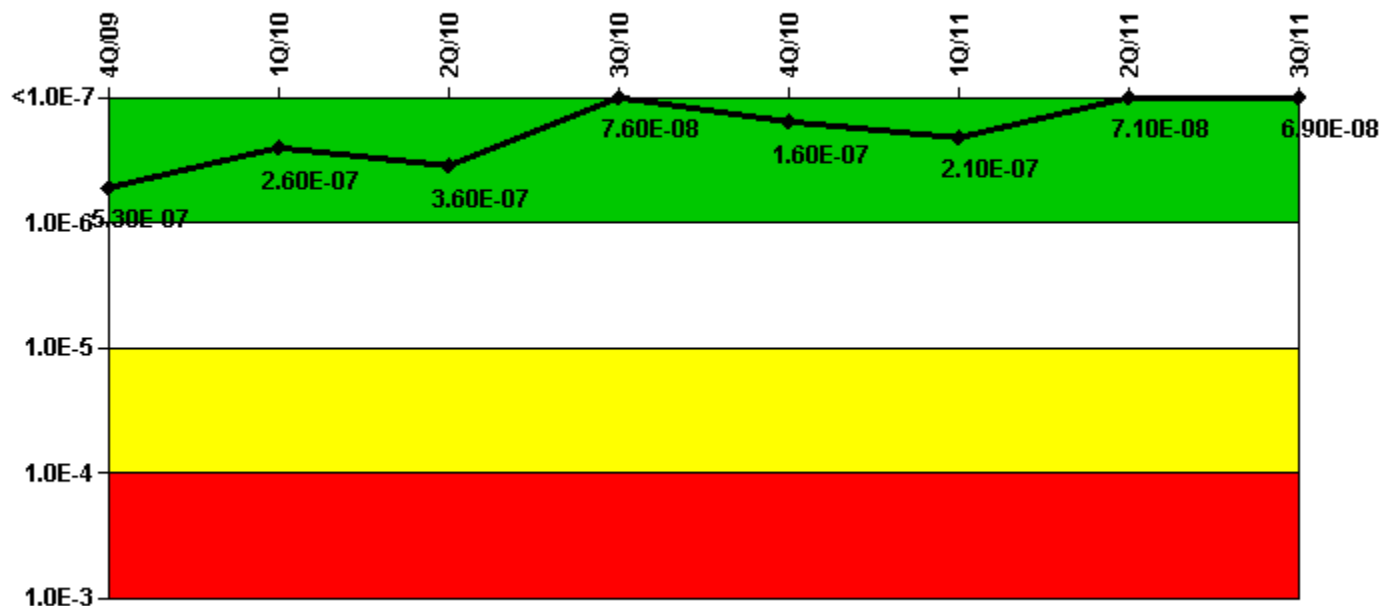
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (Δ CDF)	2.17E-10	-6.03E-11	1.27E-10	1.87E-10	9.77E-11	1.96E-10	3.94E-10	4.29E-10
URI (Δ CDF)	-2.16E-09	-2.16E-09	-2.16E-09	-2.16E-09	-2.16E-09	-2.16E-09	-2.16E-09	-2.16E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.90E-09	-2.20E-09	-2.00E-09	-2.00E-09	-2.10E-09	-2.00E-09	-1.80E-09	-1.70E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



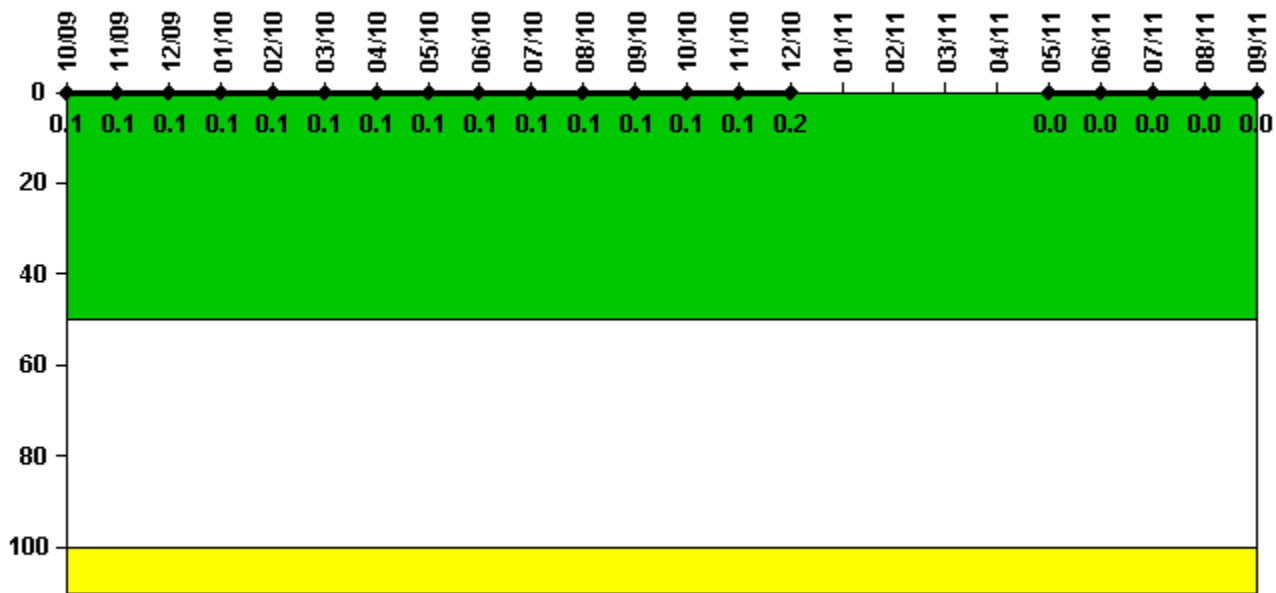
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (ΔCDF)	5.41E-07	2.70E-07	3.70E-07	8.50E-08	1.66E-07	2.21E-07	7.98E-08	7.79E-08
URI (ΔCDF)	-8.88E-09	-8.88E-09	-8.88E-09	-8.88E-09	-8.88E-09	-8.88E-09	-8.88E-09	-8.88E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	5.30E-07	2.60E-07	3.60E-07	7.60E-08	1.60E-07	2.10E-07	7.10E-08	6.90E-08

Licensee Comments: none

Reactor Coolant System Activity



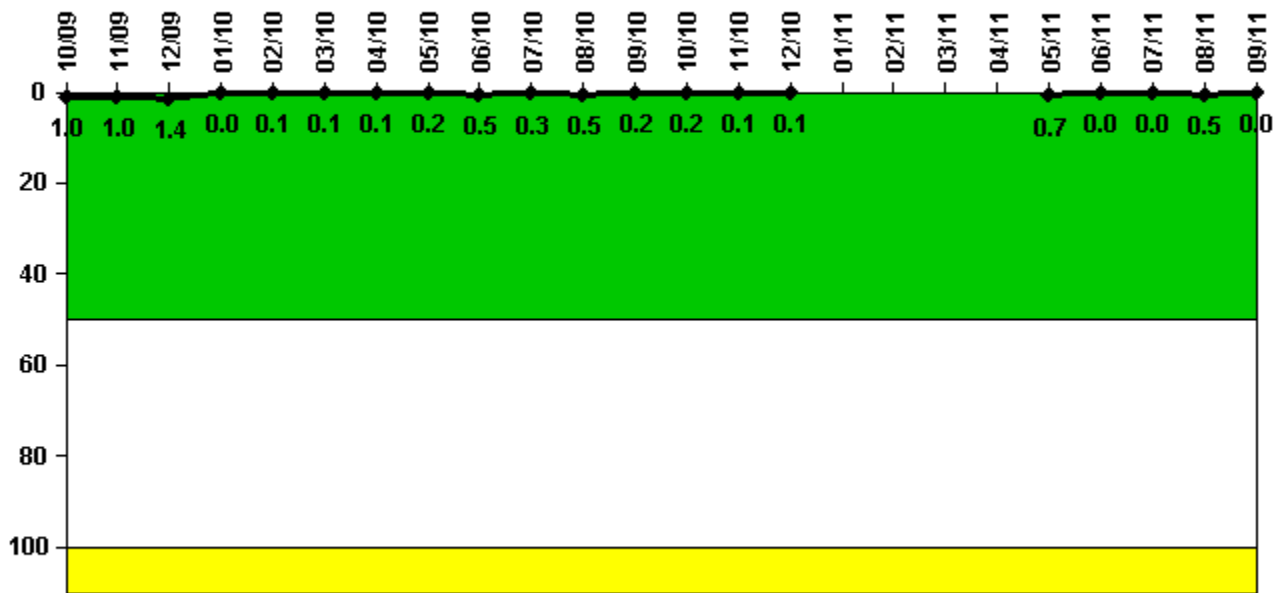
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/09	11/09	12/09	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10
Maximum activity	0.000944	0.000897	0.000944	0.000951	0.001020	0.001060	0.001030	0.001040	0.001170	0.001140	0.001110	0.001180
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
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
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	0.001180	0.001250	0.001890	N/A	N/A	N/A	N/A	0.000322	0.000357	0.000294	0.000274	0.000327
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.2	N/A	N/A	N/A	N/A	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



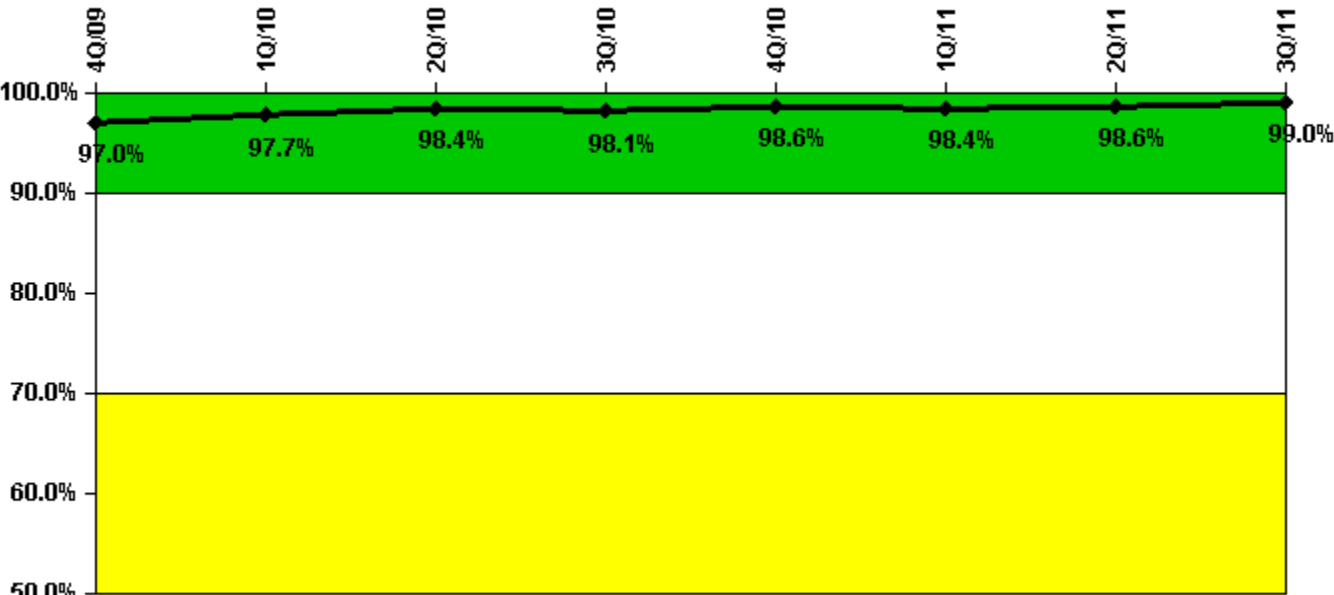
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/09	11/09	12/09	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10
Maximum leakage	0.100	0.100	0.140	0.002	0.010	0.007	0.010	0.020	0.050	0.030	0.050	0.015
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.0	1.0	1.4	0	0.1	0.1	0.1	0.2	0.5	0.3	0.5	0.2
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	0.020	0.012	0.007	N/A	N/A	N/A	N/A	0.070	0.002	0.001	0.050	0.002
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.1	0.1	N/A	N/A	N/A	N/A	0.7	0	0	0.5	0

Licensee Comments: none

Drill/Exercise Performance



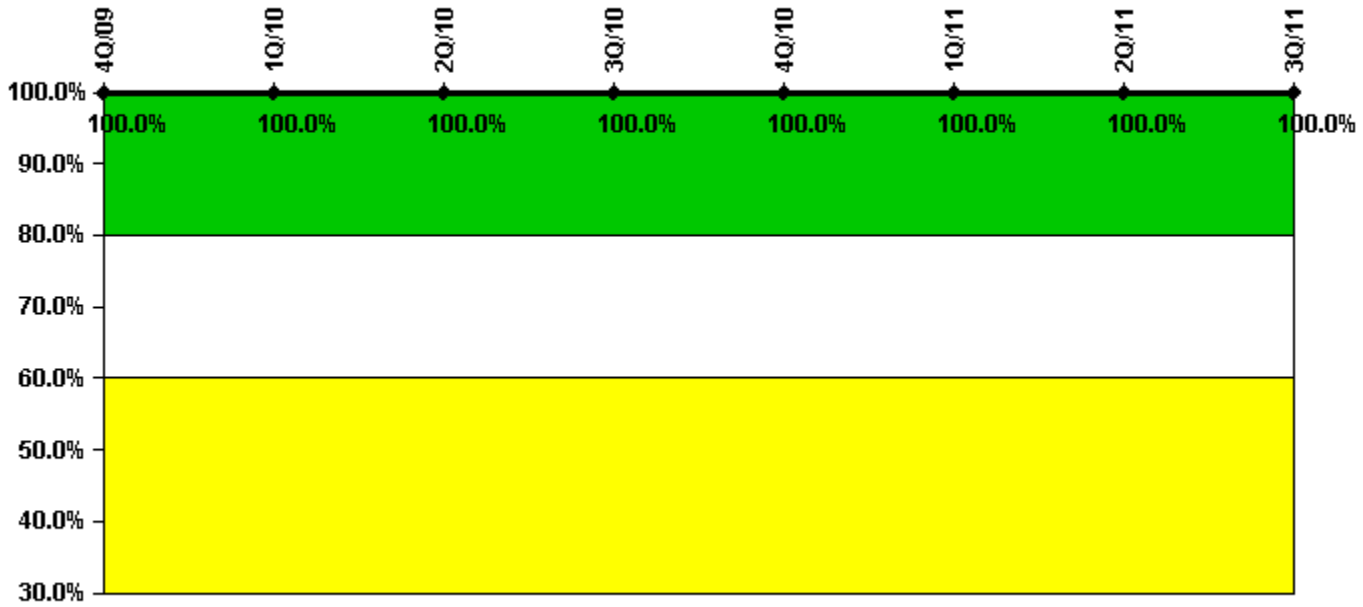
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Successful opportunities	74.0	21.0	9.0	76.0	52.0	0	69.0	85.0
Total opportunities	75.0	21.0	9.0	78.0	52.0	0	69.0	86.0
Indicator value	97.0%	97.7%	98.4%	98.1%	98.6%	98.4%	98.6%	99.0%

Licensee Comments: none

ERO Drill Participation



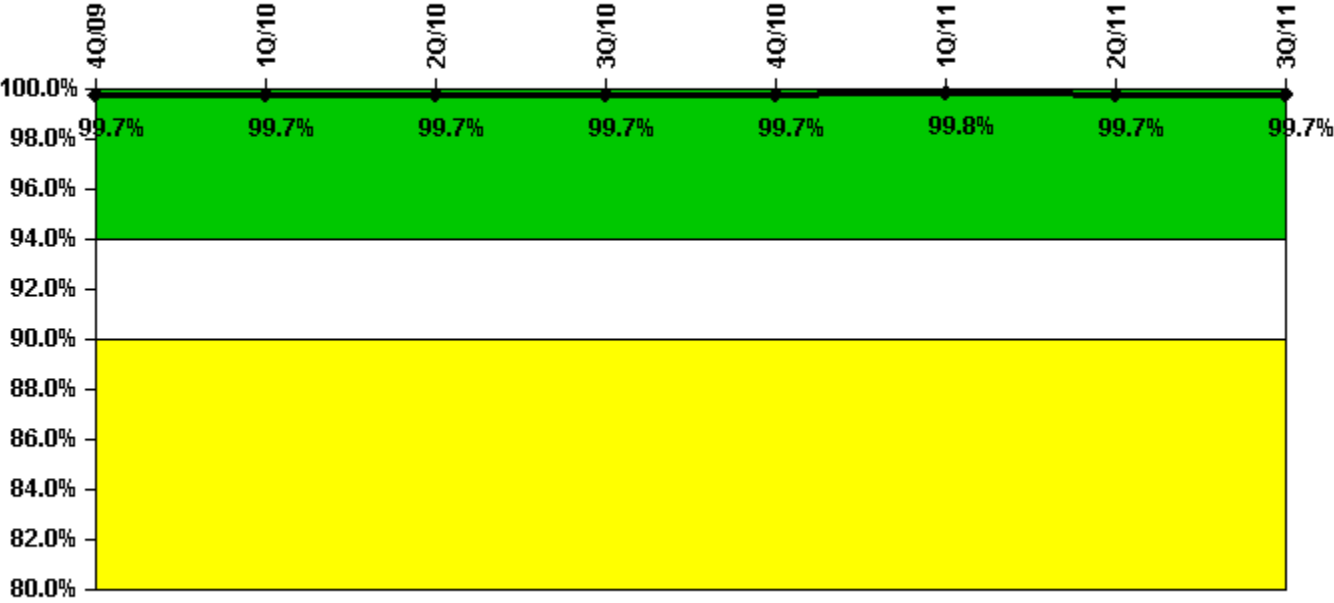
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Participating Key personnel	96.0	93.0	91.0	88.0	85.0	83.0	88.0	105.0
Total Key personnel	96.0	93.0	91.0	88.0	85.0	83.0	88.0	105.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



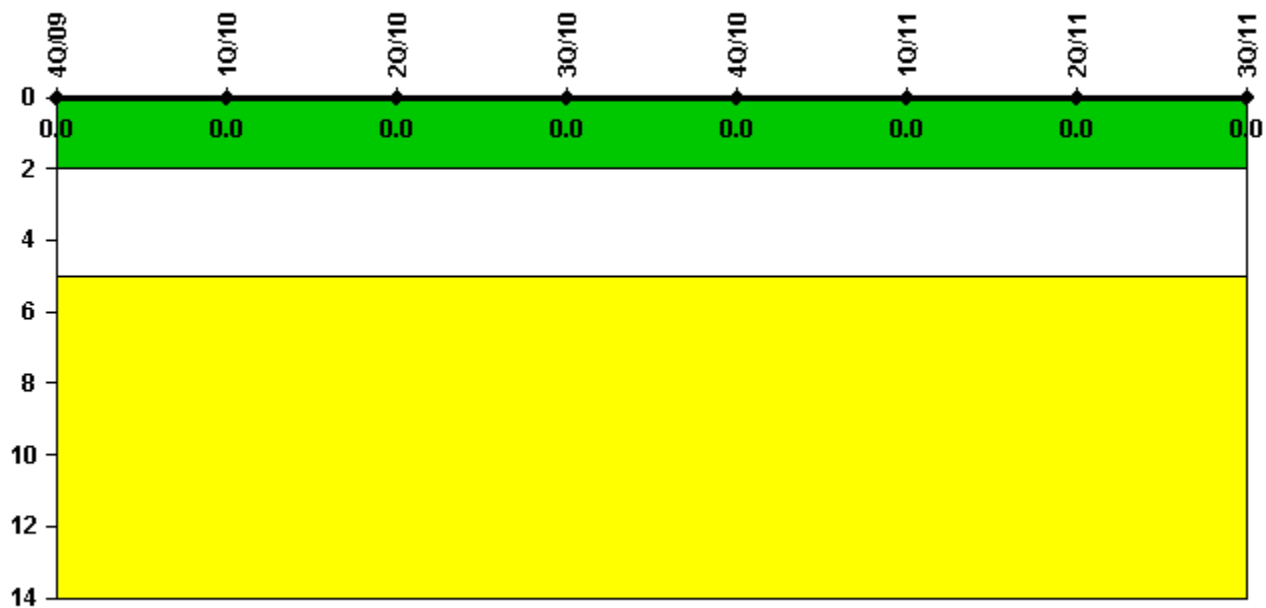
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Successful siren-tests	718	627	718	628	718	630	715	629
Total sirens-tests	720	630	720	630	720	630	720	630
Indicator value	99.7%	99.7%	99.7%	99.7%	99.7%	99.8%	99.7%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



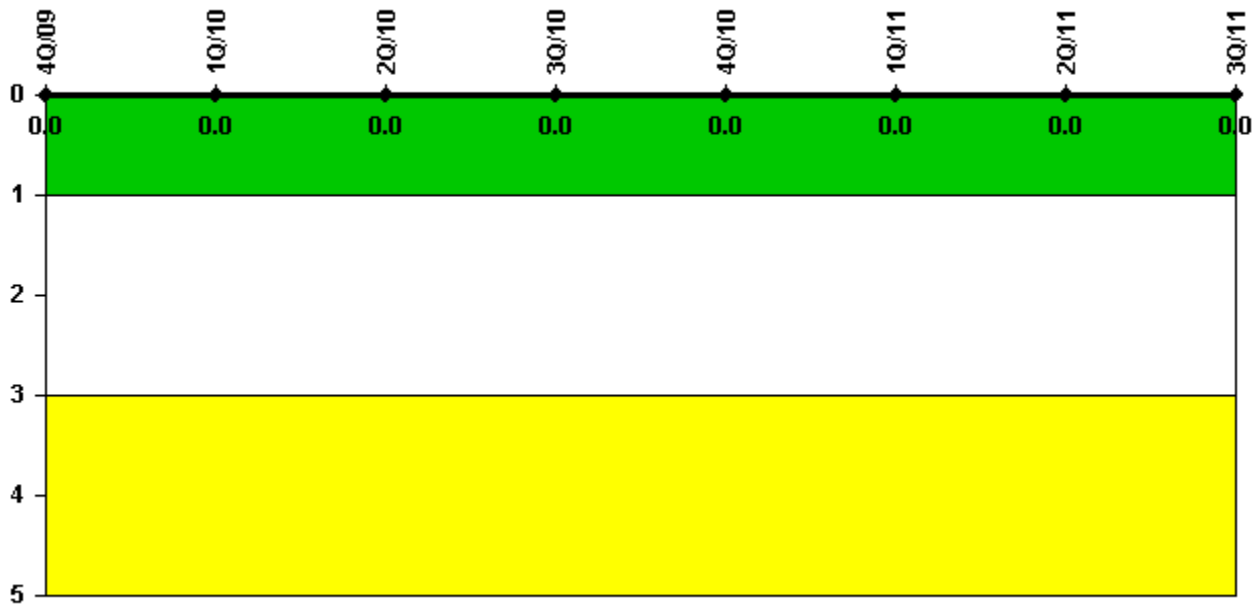
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
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/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

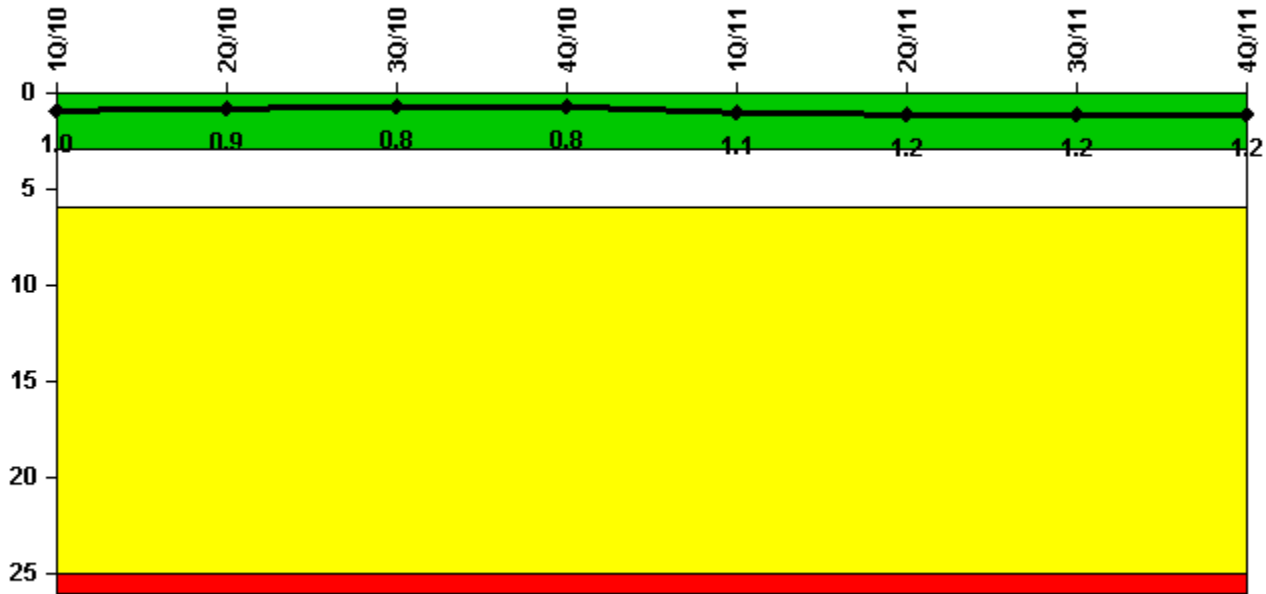
[Security](#) information not publicly available.

Saint Lucie 2

4Q/2011 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



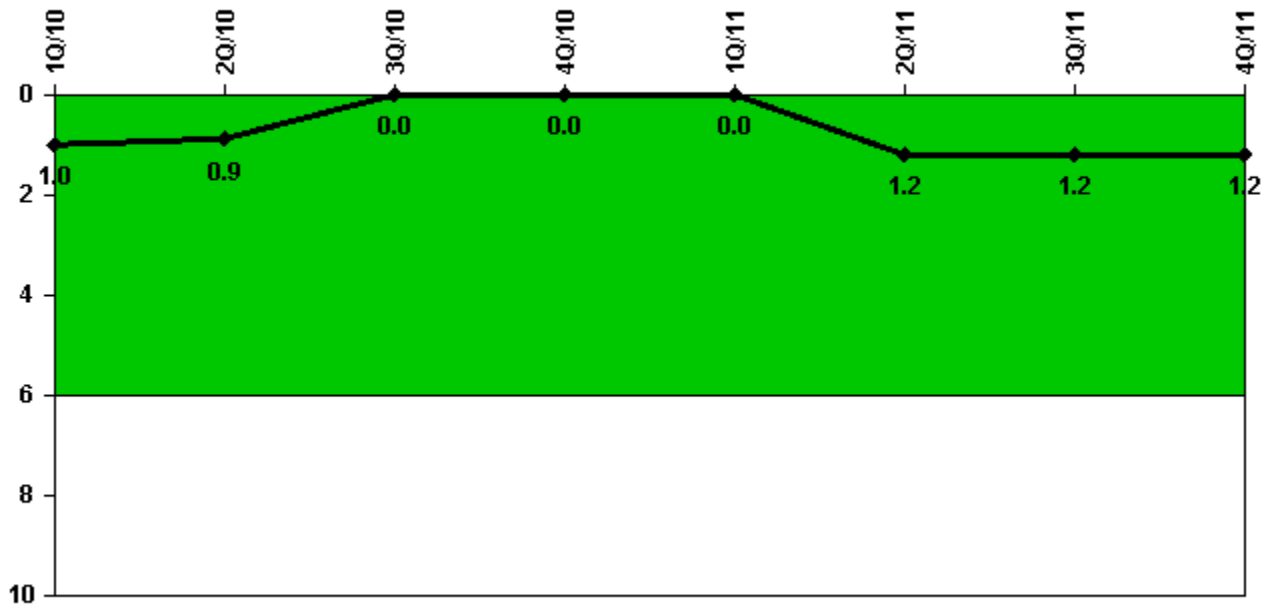
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Unplanned scrams	0	1.0	0	0	0	1.0	0	0
Critical hours	2159.0	2049.2	2208.0	2209.0	41.0	1329.1	2208.0	2209.0
Indicator value	1.0	0.9	0.8	0.8	1.1	1.2	1.2	1.2

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



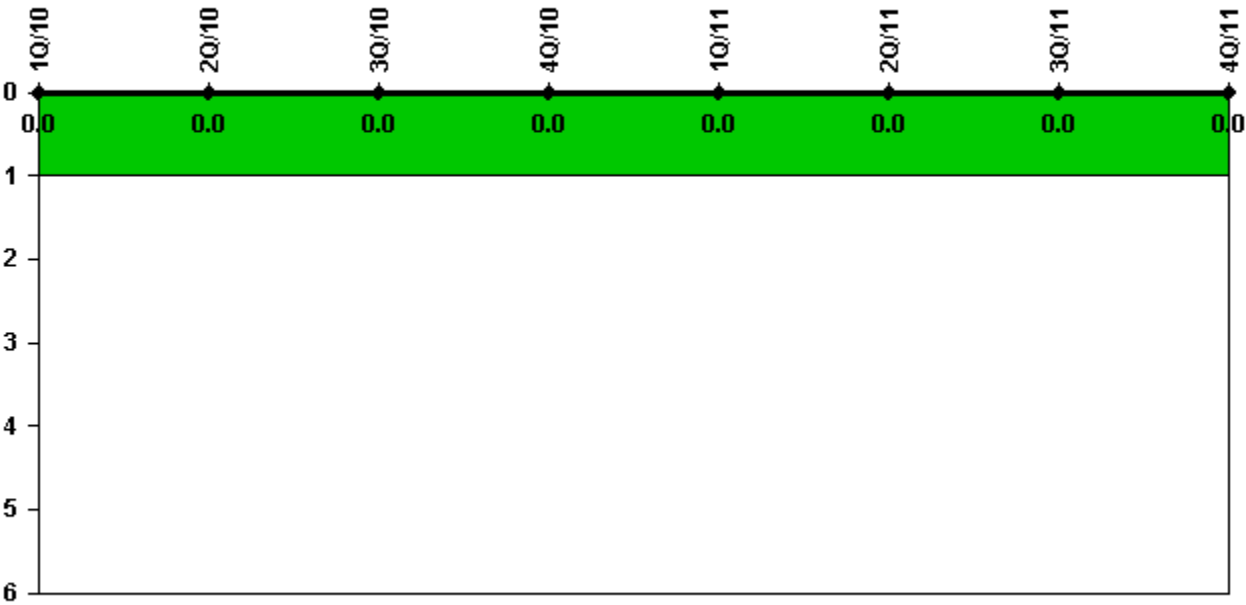
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Unplanned power changes	0	0	0	0	0	1.0	0	0
Critical hours	2159.0	2049.2	2208.0	2209.0	41.0	1329.1	2208.0	2209.0
Indicator value	1.0	0.9	0	0	0	1.2	1.2	1.2

Licensee Comments: none

Unplanned Scrams with Complications



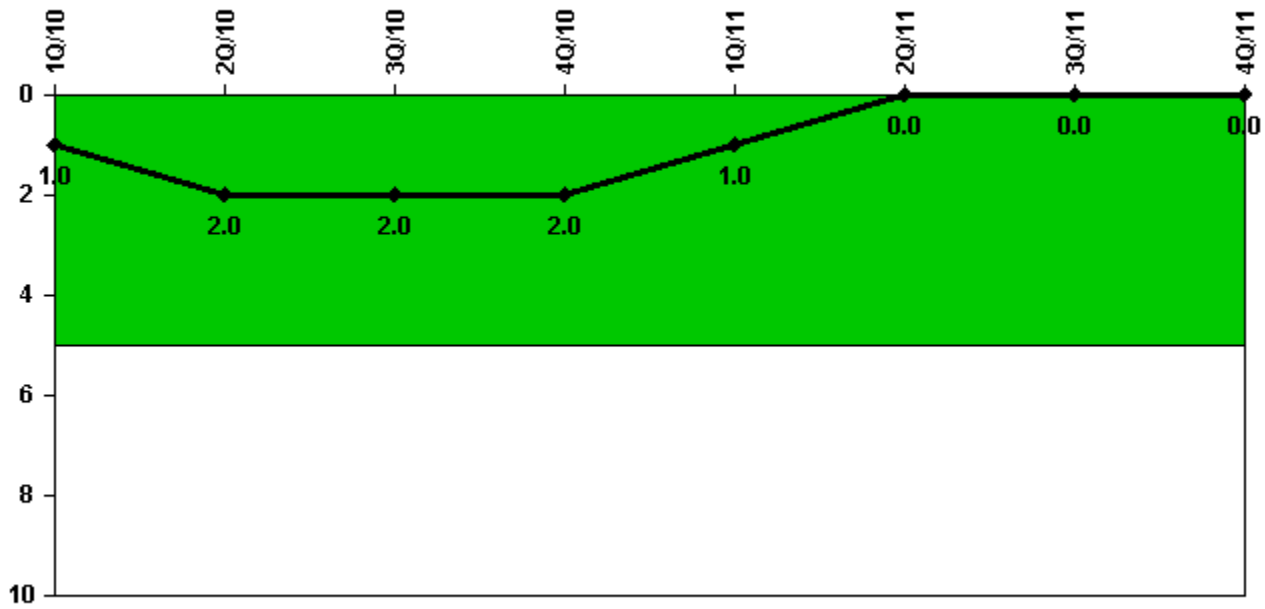
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
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 (PWR)



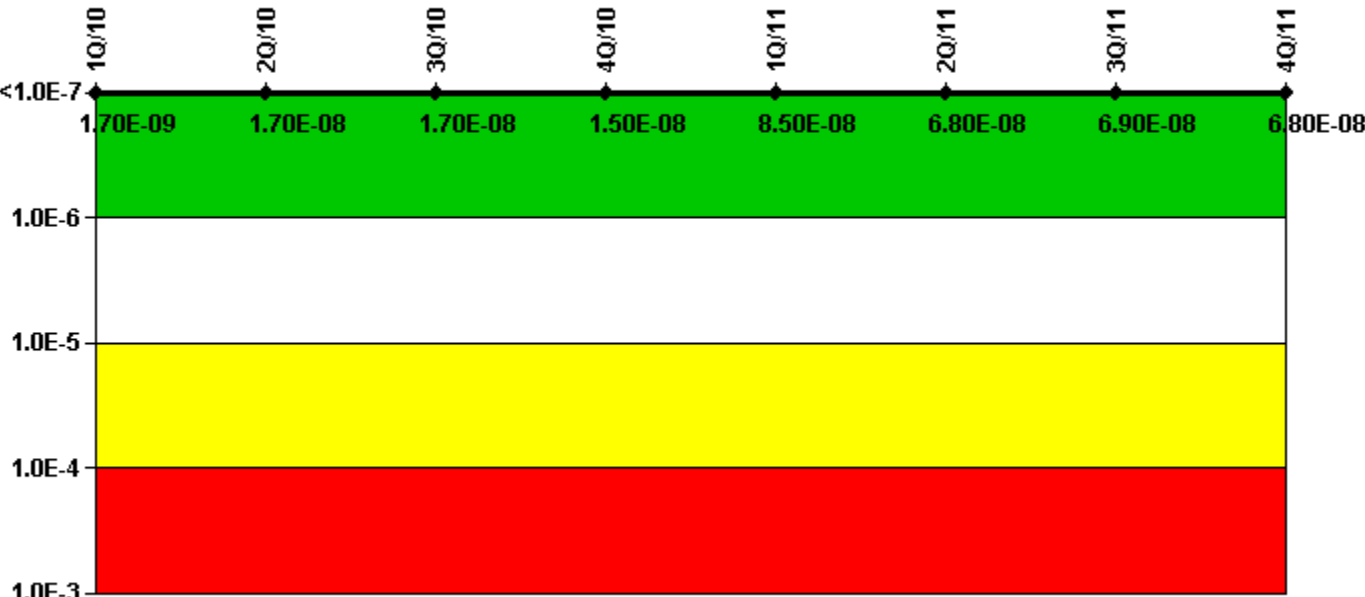
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



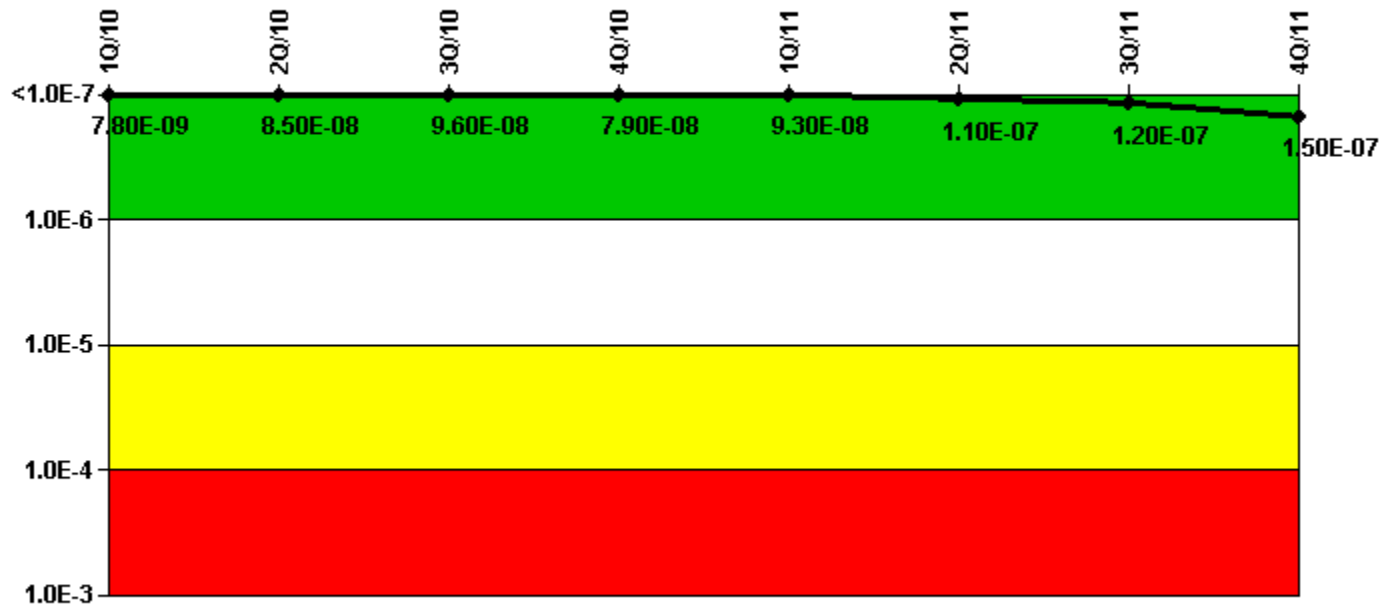
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (ΔCDF)	1.86E-08	2.24E-08	2.24E-08	2.03E-08	2.17E-08	1.63E-08	1.69E-08	1.67E-08
URI (ΔCDF)	-1.69E-08	-5.15E-09	-5.15E-09	-5.15E-09	6.34E-08	5.17E-08	5.17E-08	5.17E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.70E-09	1.70E-08	1.70E-08	1.50E-08	8.50E-08	6.80E-08	6.90E-08	6.80E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



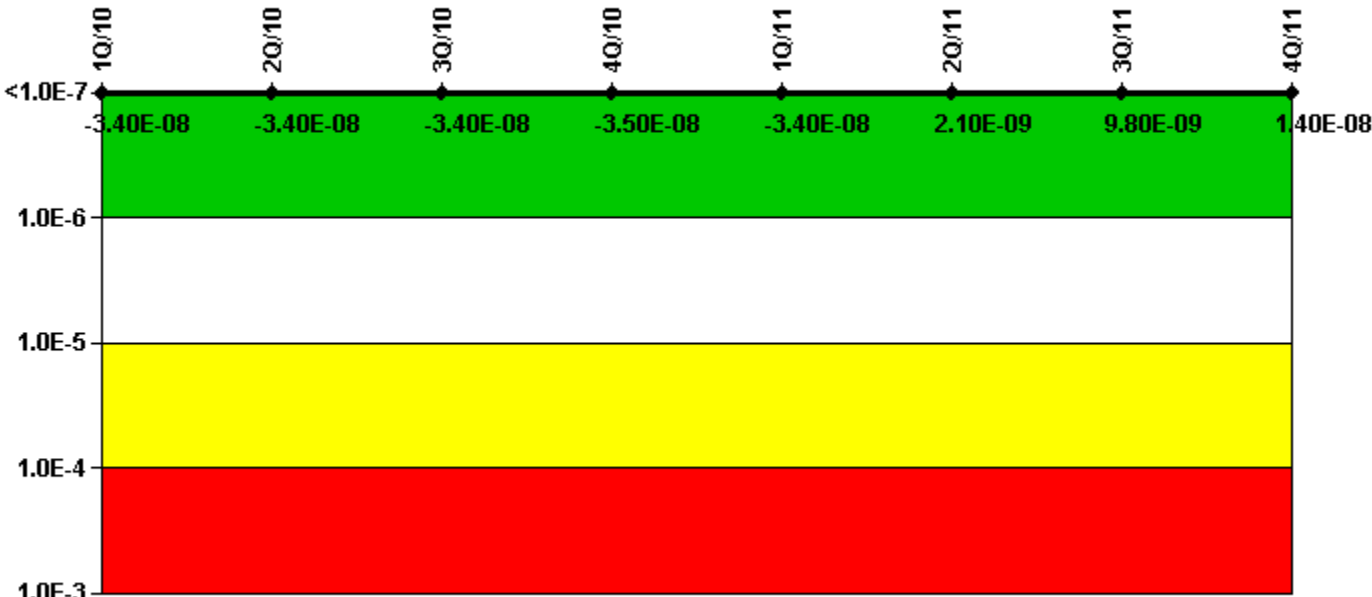
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (ΔCDF)	1.80E-07	2.57E-07	2.68E-07	2.51E-07	2.65E-07	2.86E-07	2.89E-07	3.26E-07
URI (ΔCDF)	-1.72E-07	-1.72E-07	-1.72E-07	-1.72E-07	-1.72E-07	-1.72E-07	-1.72E-07	-1.72E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	7.80E-09	8.50E-08	9.60E-08	7.90E-08	9.30E-08	1.10E-07	1.20E-07	1.50E-07

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



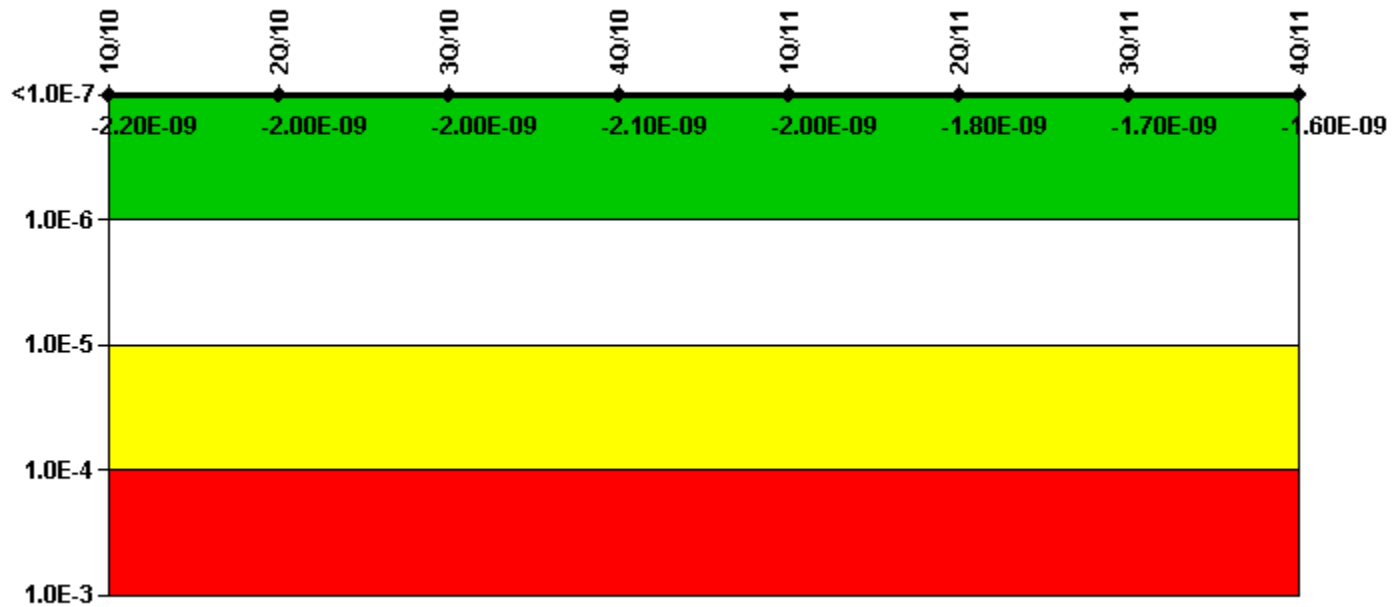
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (ΔCDF)	-1.54E-10	-9.66E-11	-2.25E-10	-1.06E-09	-3.84E-10	1.72E-08	2.49E-08	2.91E-08
URI (ΔCDF)	-3.37E-08	-3.40E-08	-3.40E-08	-3.40E-08	-3.40E-08	-1.51E-08	-1.51E-08	-1.51E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.40E-08	-3.40E-08	-3.40E-08	-3.50E-08	-3.40E-08	2.10E-09	9.80E-09	1.40E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



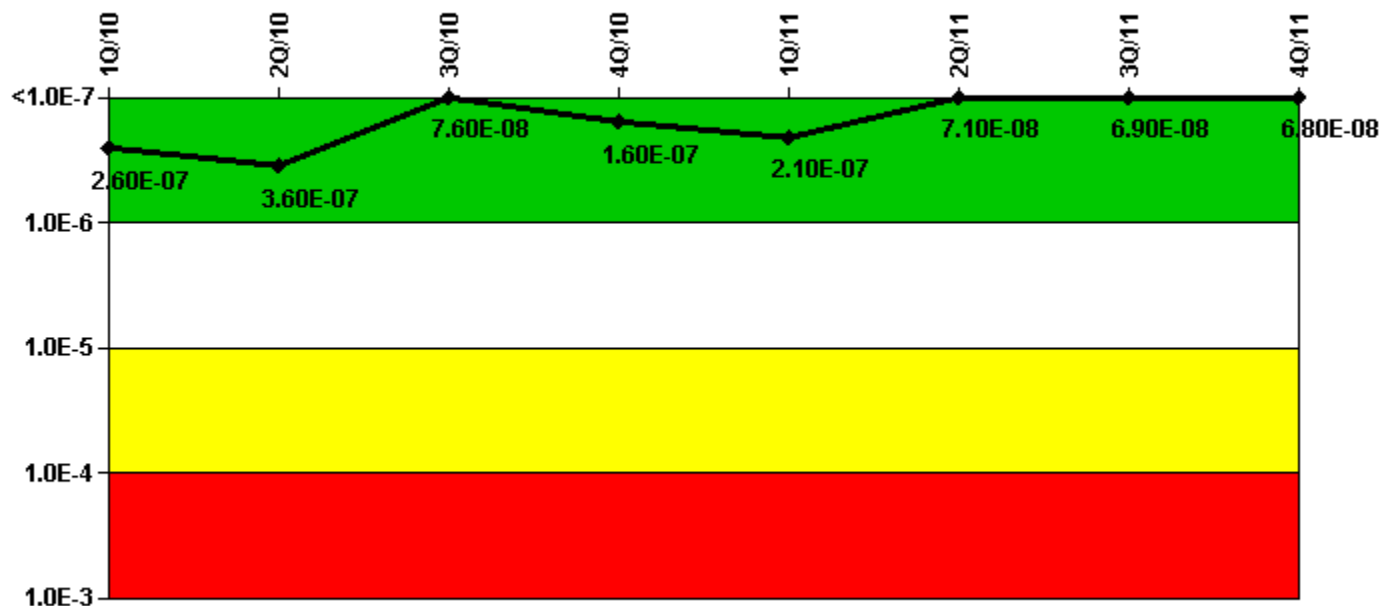
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (ΔCDF)	-6.03E-11	1.27E-10	1.87E-10	9.77E-11	1.96E-10	3.94E-10	4.29E-10	5.16E-10
URI (ΔCDF)	-2.16E-09	-2.16E-09	-2.16E-09	-2.16E-09	-2.16E-09	-2.16E-09	-2.16E-09	-2.16E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.20E-09	-2.00E-09	-2.00E-09	-2.10E-09	-2.00E-09	-1.80E-09	-1.70E-09	-1.60E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



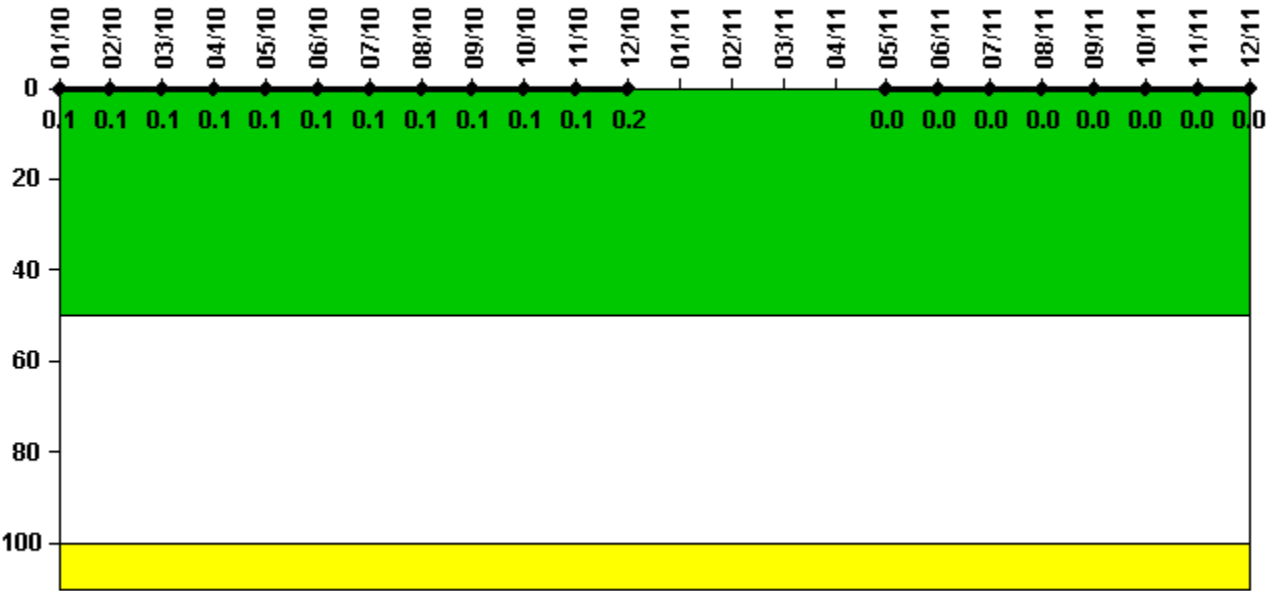
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (ΔCDF)	2.70E-07	3.70E-07	8.50E-08	1.66E-07	2.21E-07	7.98E-08	7.79E-08	7.67E-08
URI (ΔCDF)	-8.88E-09	-8.88E-09	-8.88E-09	-8.88E-09	-8.88E-09	-8.88E-09	-8.88E-09	-8.88E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.60E-07	3.60E-07	7.60E-08	1.60E-07	2.10E-07	7.10E-08	6.90E-08	6.80E-08

Licensee Comments: none

Reactor Coolant System Activity



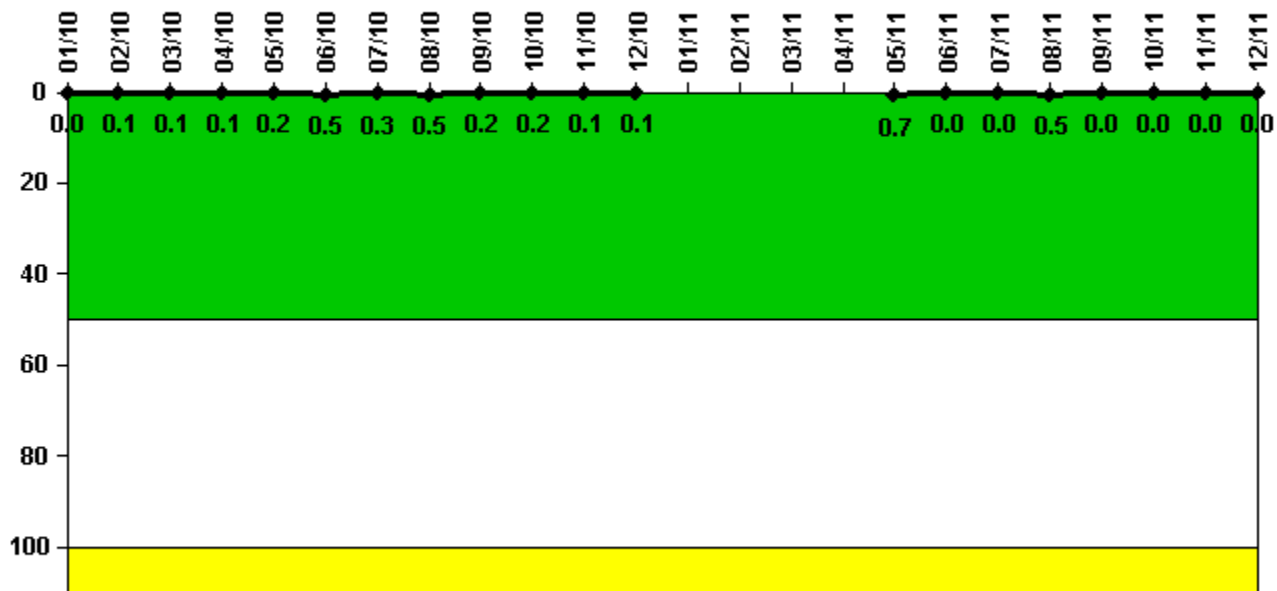
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10
Maximum activity	0.000951	0.001020	0.001060	0.001030	0.001040	0.001170	0.001140	0.001110	0.001180	0.001180	0.001250	0.001890
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
Reactor Coolant System Activity	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11
Maximum activity	N/A	N/A	N/A	N/A	0.000322	0.000357	0.000294	0.000274	0.000327	0.000366	0.000341	0.000408
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	N/A	N/A	N/A	N/A	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



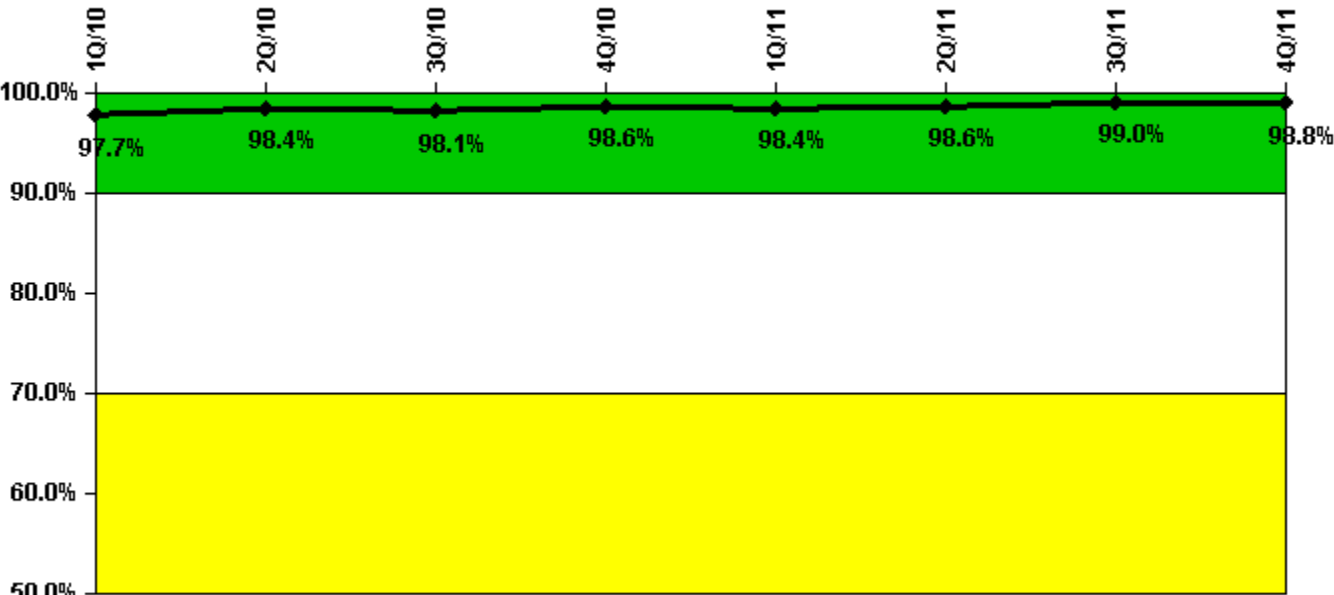
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10
Maximum leakage	0.002	0.010	0.007	0.010	0.020	0.050	0.030	0.050	0.015	0.020	0.012	0.007
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0.1	0.1	0.1	0.2	0.5	0.3	0.5	0.2	0.2	0.1	0.1
Reactor Coolant System Leakage	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11
Maximum leakage	N/A	N/A	N/A	N/A	0.070	0.002	0.001	0.050	0.002	0	0.001	0.004
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	N/A	N/A	N/A	N/A	0.7	0	0	0.5	0	0	0	0

Licensee Comments: none

Drill/Exercise Performance



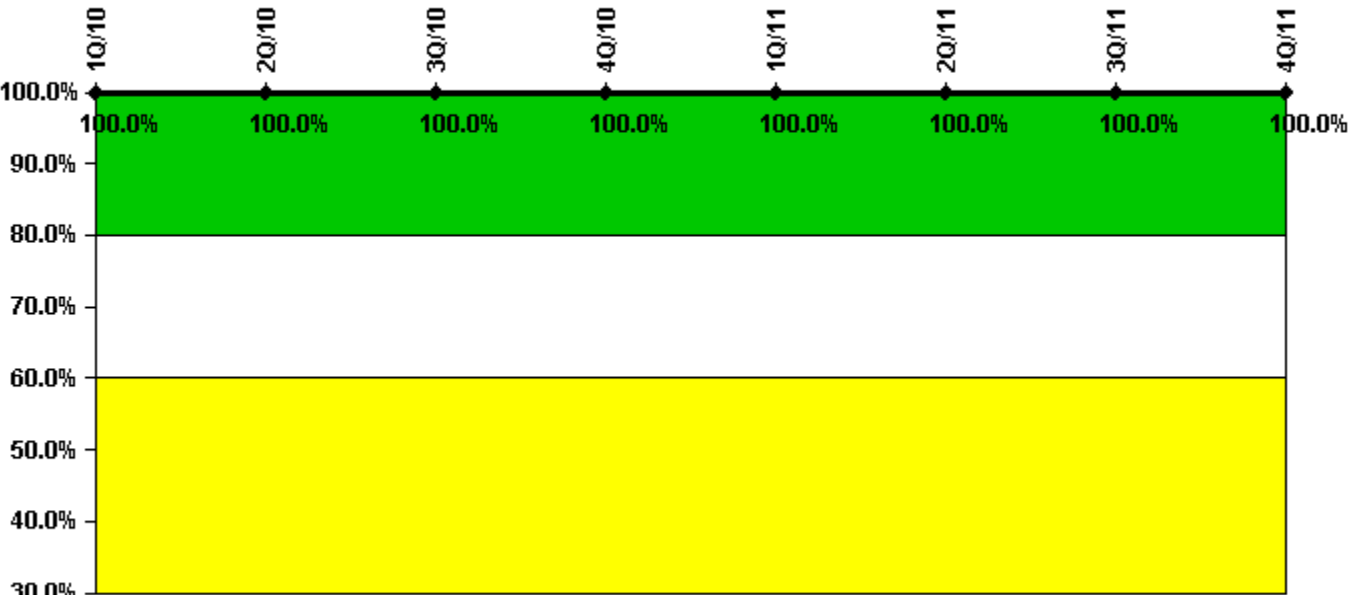
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Successful opportunities	21.0	9.0	76.0	52.0	0	69.0	85.0	9.0
Total opportunities	21.0	9.0	78.0	52.0	0	69.0	86.0	10.0
Indicator value	97.7%	98.4%	98.1%	98.6%	98.4%	98.6%	99.0%	98.8%

Licensee Comments: none

ERO Drill Participation



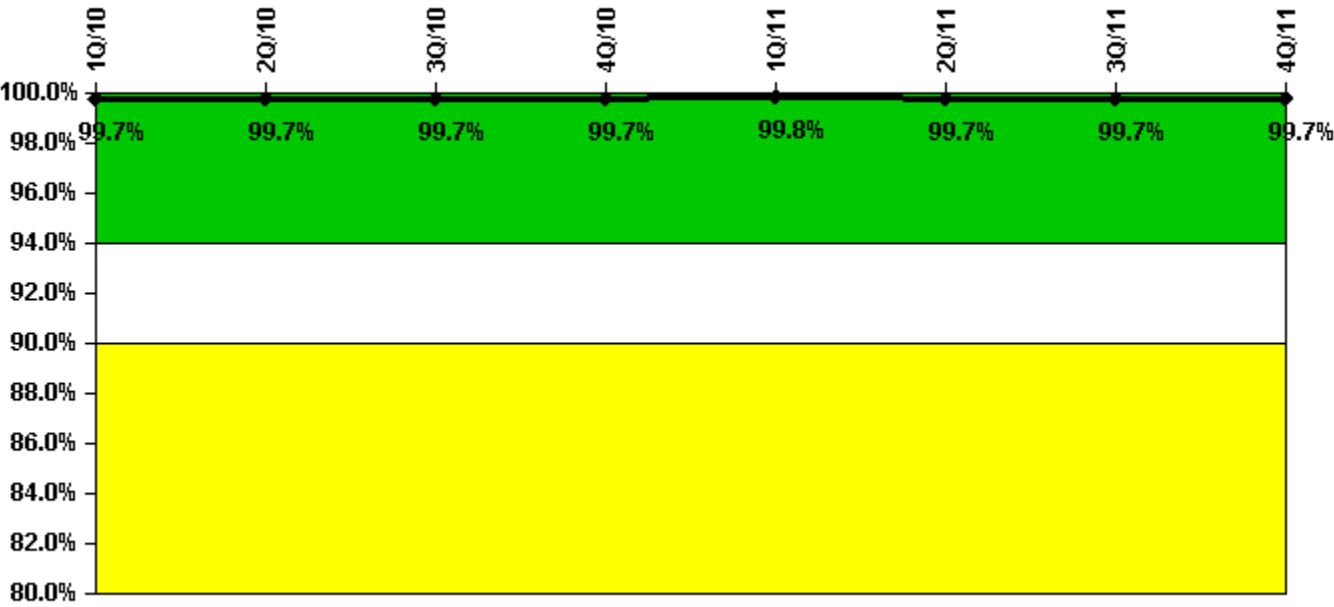
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Participating Key personnel	93.0	91.0	88.0	85.0	83.0	88.0	105.0	95.0
Total Key personnel	93.0	91.0	88.0	85.0	83.0	88.0	105.0	95.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



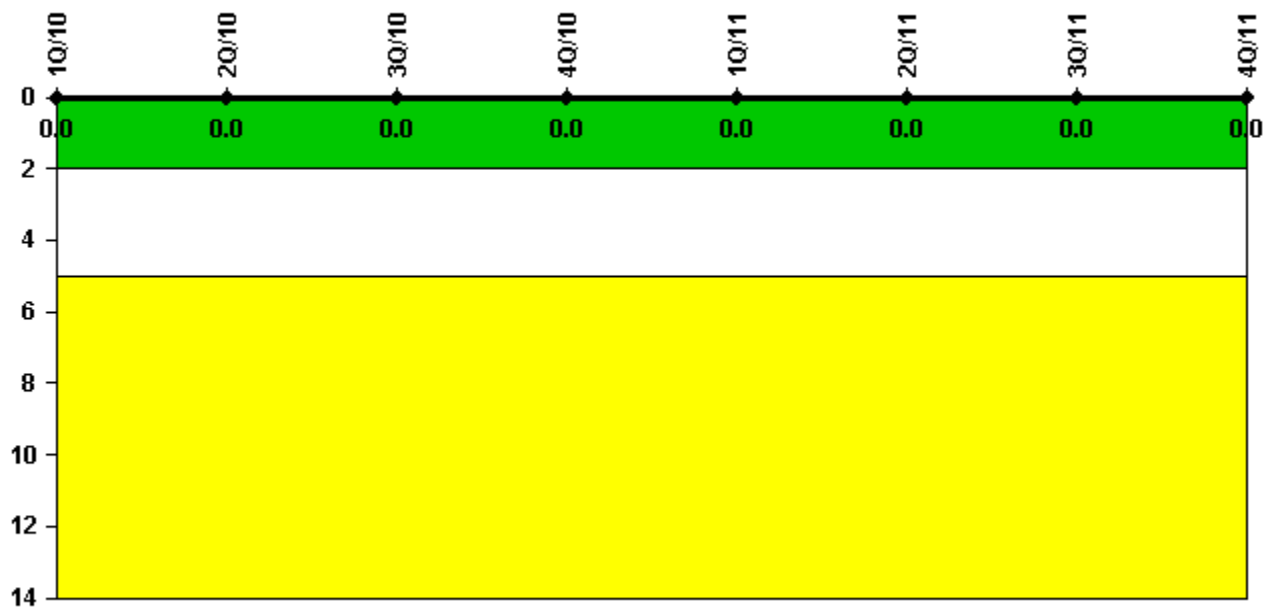
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Successful siren-tests	627	718	628	718	630	715	629	719
Total sirens-tests	630	720	630	720	630	720	630	720
Indicator value	99.7%	99.7%	99.7%	99.7%	99.8%	99.7%	99.7%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



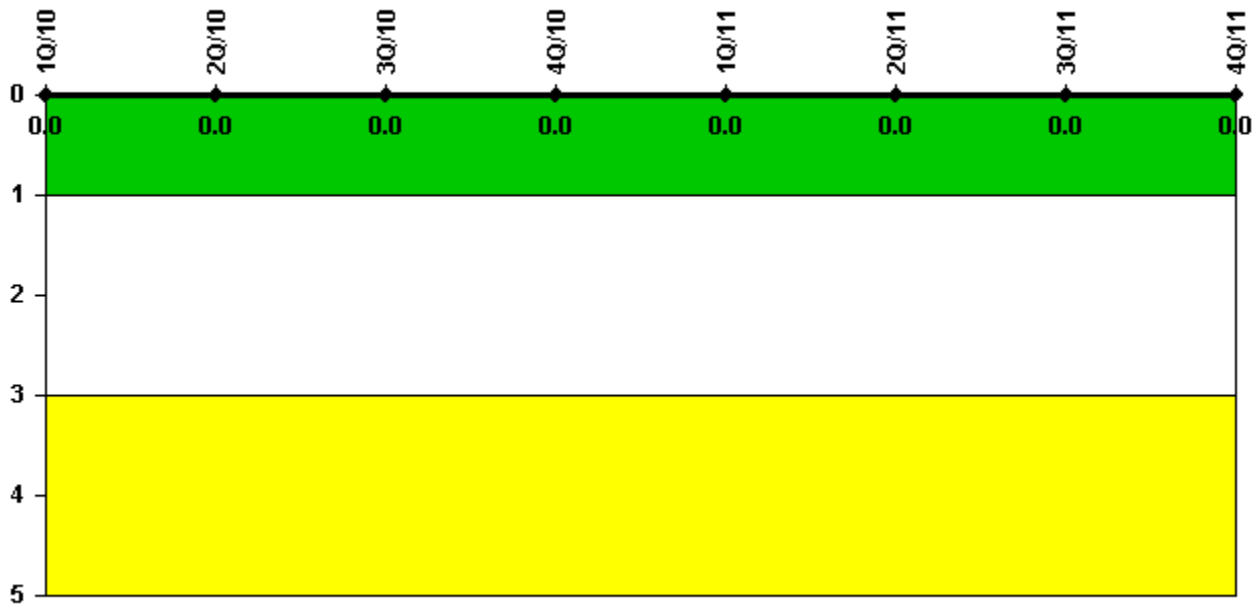
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

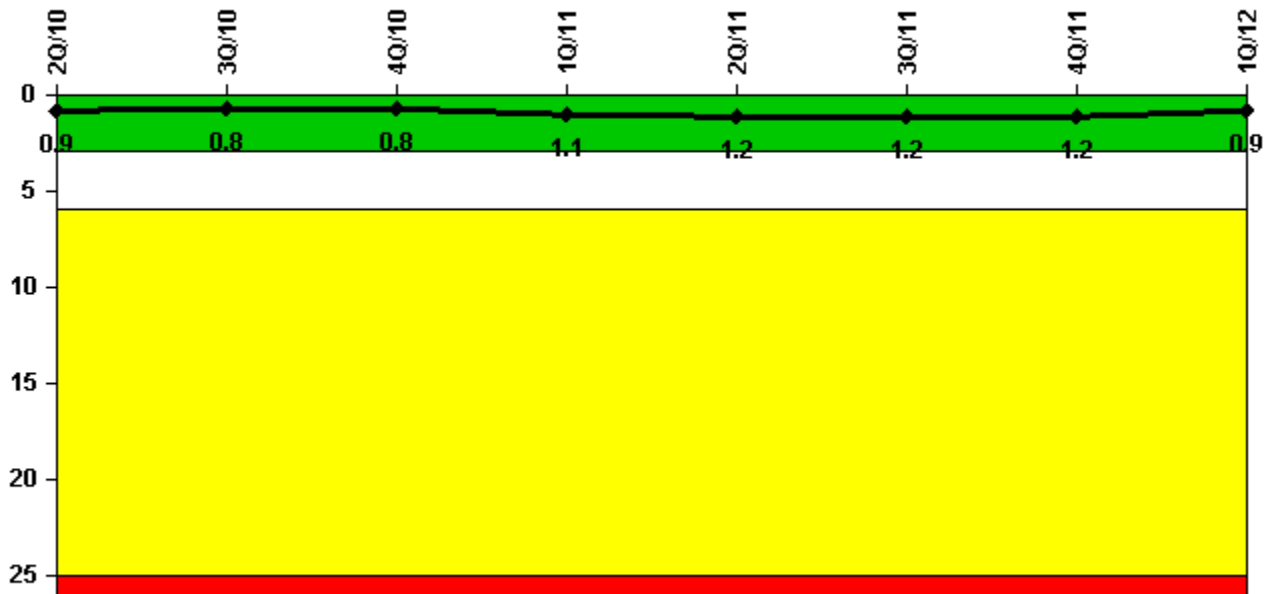
[Security](#) information not publicly available.

Saint Lucie 2

1Q/2012 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



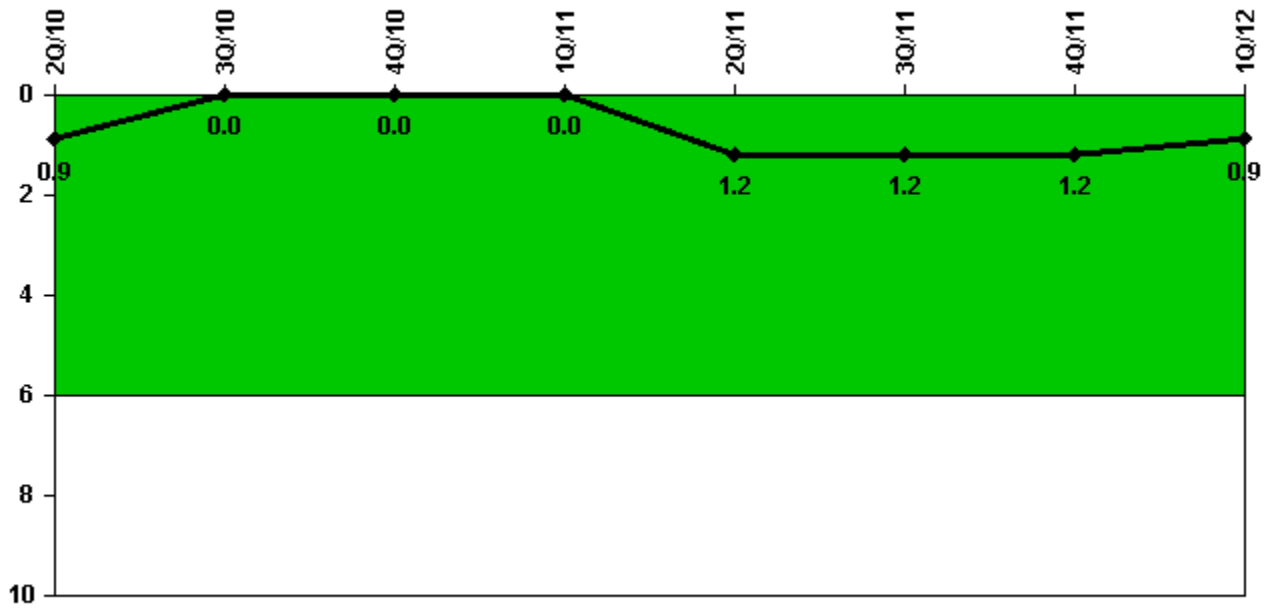
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Unplanned scrams	1.0	0	0	0	1.0	0	0	0
Critical hours	2049.2	2208.0	2209.0	41.0	1329.1	2208.0	2209.0	2183.0
Indicator value	0.9	0.8	0.8	1.1	1.2	1.2	1.2	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



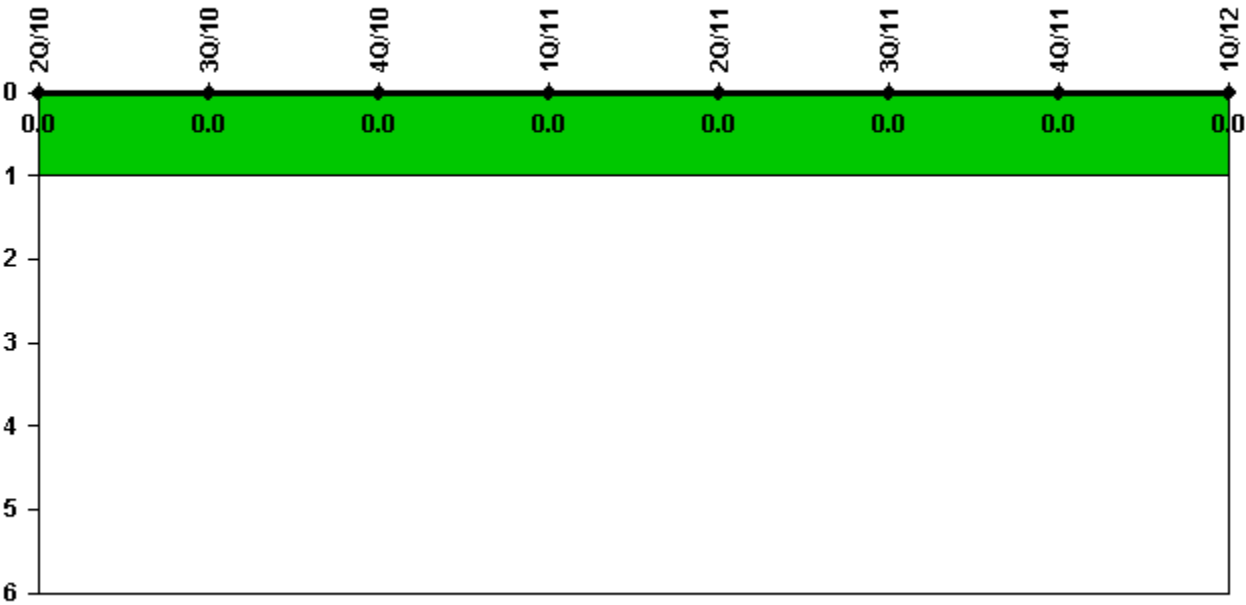
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Unplanned power changes	0	0	0	0	1.0	0	0	0
Critical hours	2049.2	2208.0	2209.0	41.0	1329.1	2208.0	2209.0	2183.0
Indicator value	0.9	0	0	0	1.2	1.2	1.2	0.9

Licensee Comments: none

Unplanned Scrams with Complications



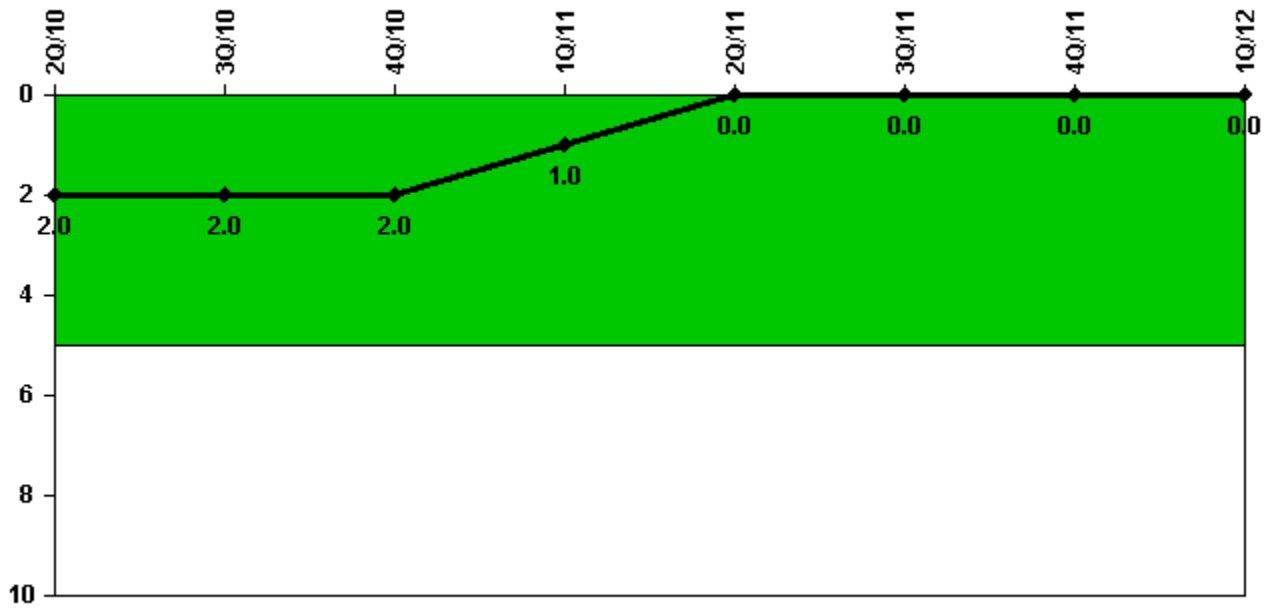
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/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 (PWR)



Thresholds: White > 5.0

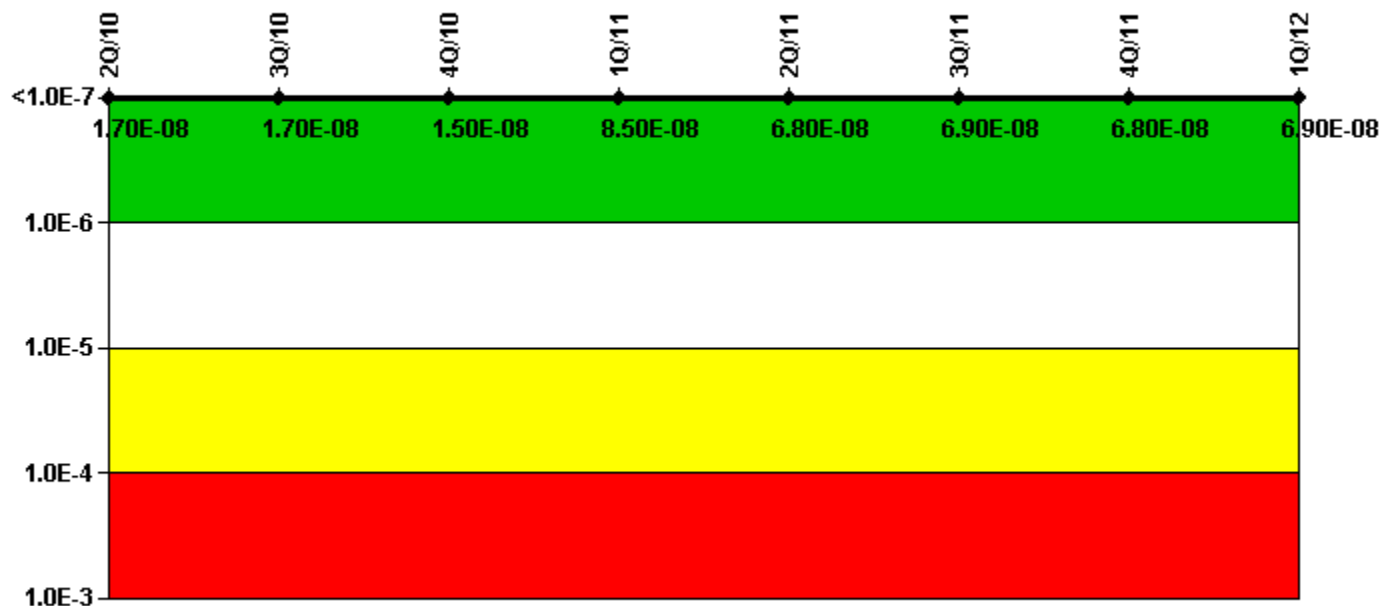
Notes

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

Licensee Comments:

2Q/10: June SSFF documented in LER 50-335, 50-389/2010-003-00

Mitigating Systems Performance Index, Emergency AC Power System



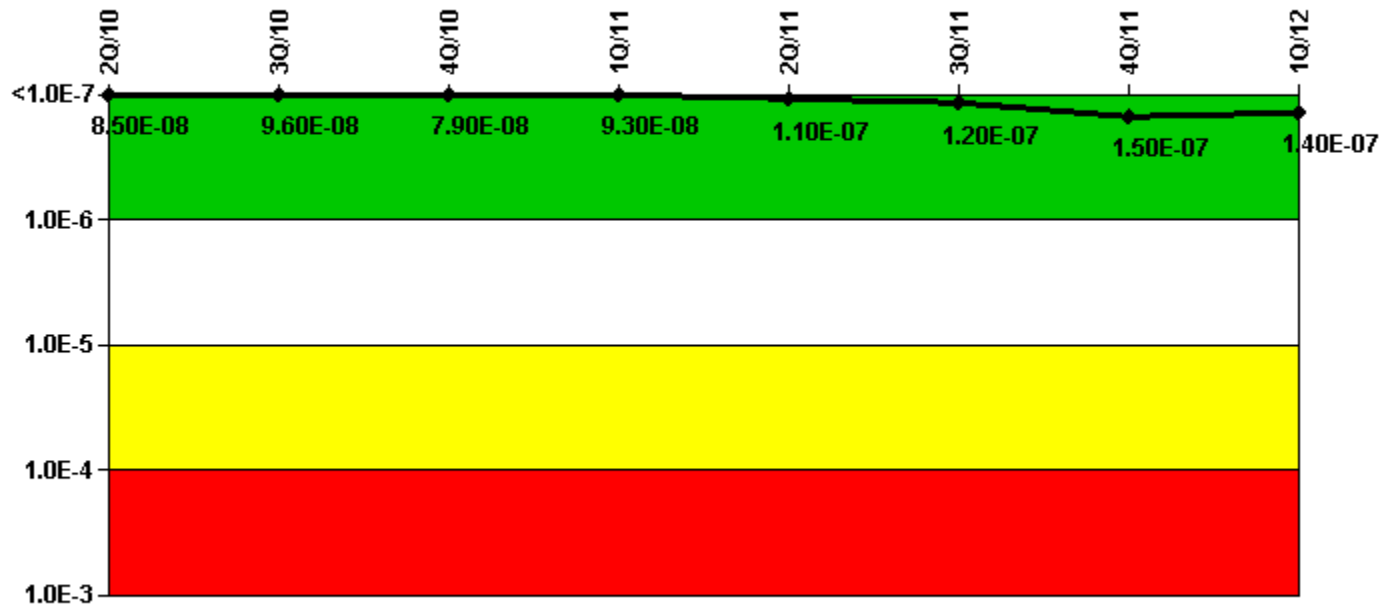
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (ΔCDF)	2.24E-08	2.24E-08	2.03E-08	2.17E-08	1.63E-08	1.69E-08	1.67E-08	1.62E-08
URI (ΔCDF)	-5.15E-09	-5.15E-09	-5.15E-09	6.34E-08	5.17E-08	5.17E-08	5.17E-08	5.26E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.70E-08	1.70E-08	1.50E-08	8.50E-08	6.80E-08	6.90E-08	6.80E-08	6.90E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



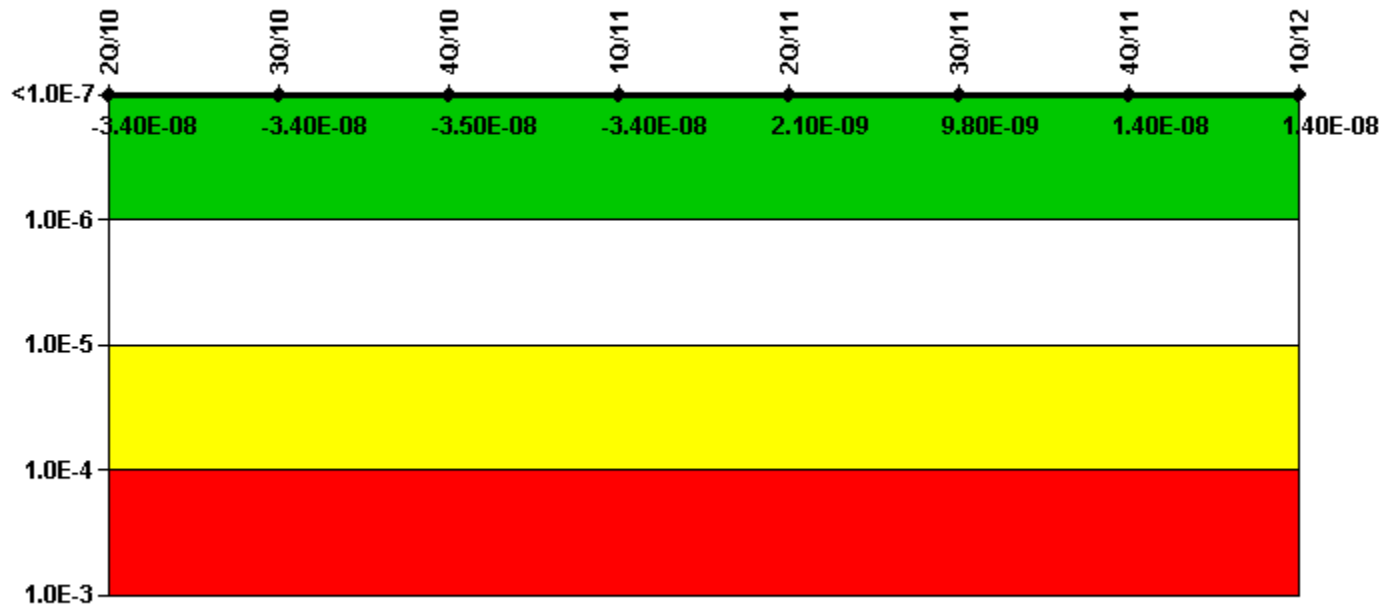
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (ΔCDF)	2.57E-07	2.68E-07	2.51E-07	2.65E-07	2.86E-07	2.89E-07	3.26E-07	3.11E-07
URI (ΔCDF)	-1.72E-07	-1.72E-07	-1.72E-07	-1.72E-07	-1.72E-07	-1.72E-07	-1.72E-07	-1.72E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	8.50E-08	9.60E-08	7.90E-08	9.30E-08	1.10E-07	1.20E-07	1.50E-07	1.40E-07

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



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

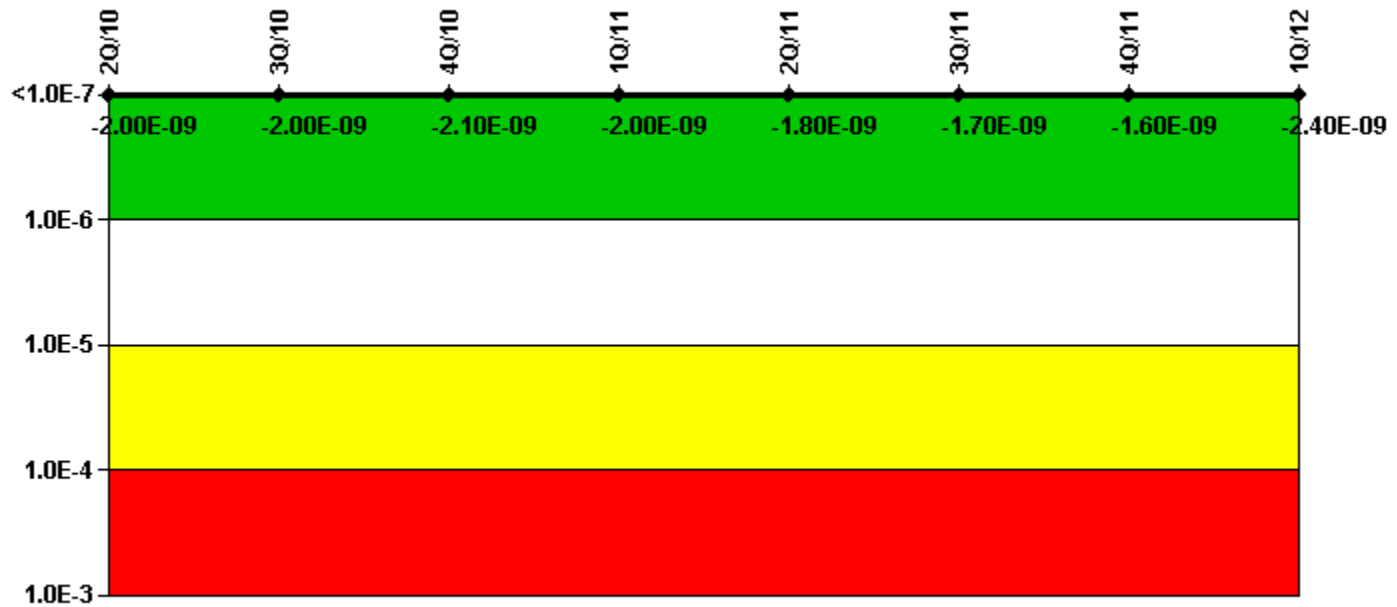
Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (ΔCDF)	-9.66E-11	-2.25E-10	-1.06E-09	-3.84E-10	1.72E-08	2.49E-08	2.91E-08	2.90E-08
URI (ΔCDF)	-3.40E-08	-3.40E-08	-3.40E-08	-3.40E-08	-1.51E-08	-1.51E-08	-1.51E-08	-1.51E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.40E-08	-3.40E-08	-3.50E-08	-3.40E-08	2.10E-09	9.80E-09	1.40E-08	1.40E-08

Licensee Comments:

2Q/11: ESF non-test demands and run-hours changed to reflect the automatic AFW actuation that occurred during the June 6, 2011 reactor trip.

Mitigating Systems Performance Index, Residual Heat Removal System



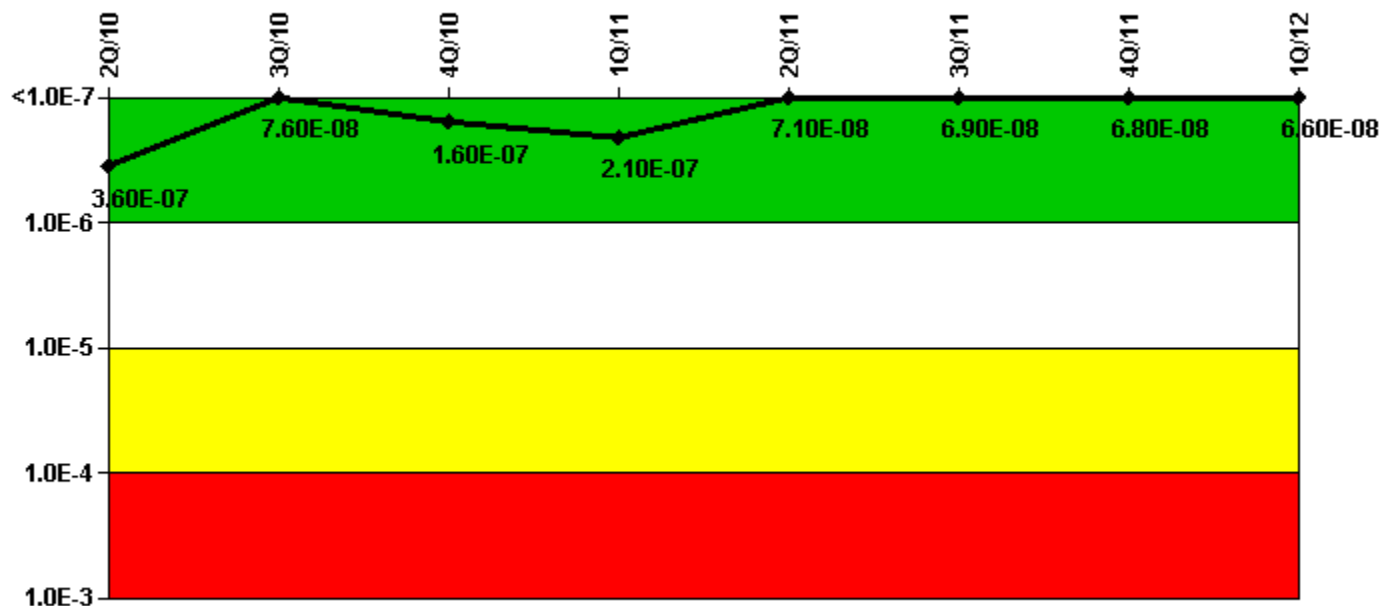
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (Δ CDF)	1.27E-10	1.87E-10	9.77E-11	1.96E-10	3.94E-10	4.29E-10	5.16E-10	-2.12E-10
URI (Δ CDF)	-2.16E-09	-2.16E-09	-2.16E-09	-2.16E-09	-2.16E-09	-2.16E-09	-2.16E-09	-2.16E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.00E-09	-2.00E-09	-2.10E-09	-2.00E-09	-1.80E-09	-1.70E-09	-1.60E-09	-2.40E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



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

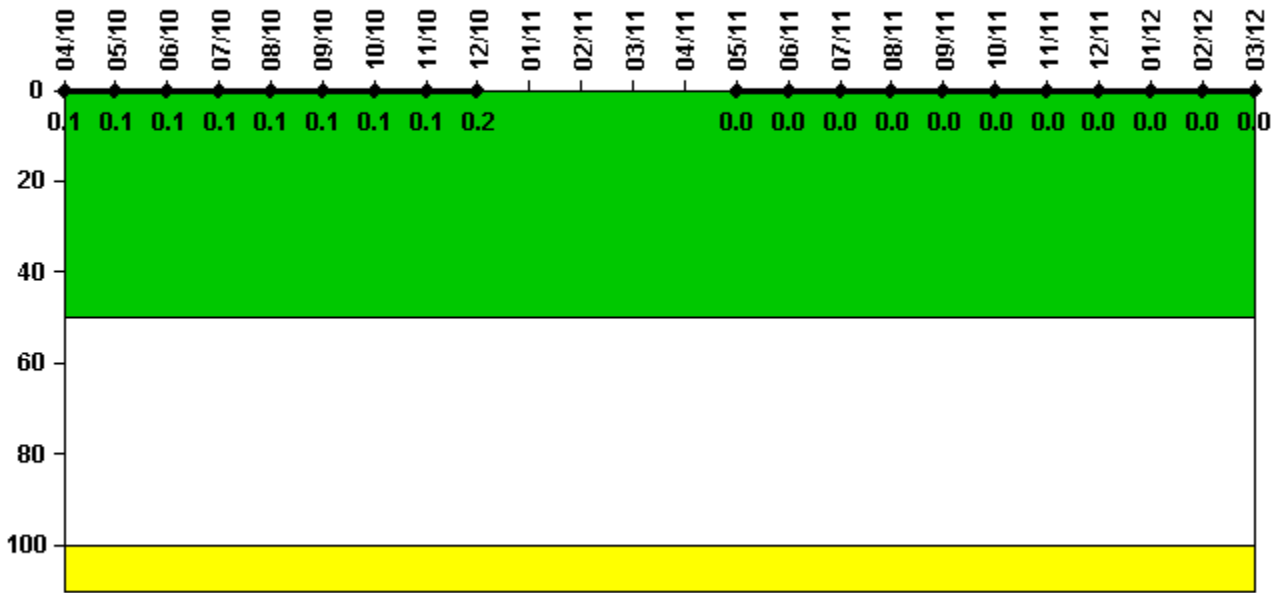
Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (ΔCDF)	3.70E-07	8.50E-08	1.66E-07	2.21E-07	7.98E-08	7.79E-08	7.67E-08	7.44E-08
URI (ΔCDF)	-8.88E-09	-8.88E-09	-8.88E-09	-8.88E-09	-8.88E-09	-8.88E-09	-8.88E-09	-8.88E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.60E-07	7.60E-08	1.60E-07	2.10E-07	7.10E-08	6.90E-08	6.80E-08	6.60E-08

Licensee Comments:

2Q/10: Changes were made to planned unavailability hours to St. Lucie Unit 2 to Cooling Water System 1 and Cooling Water System 2 for April and May 2010. There was no change in color of the indicator.

Reactor Coolant System Activity



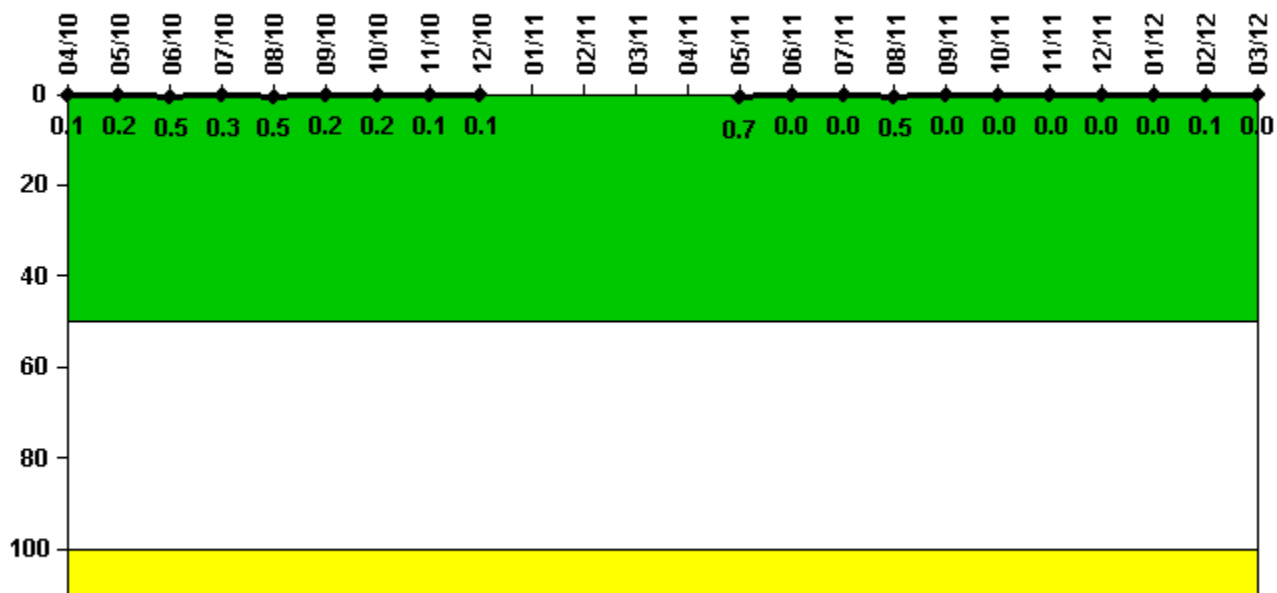
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity		4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11
Maximum activity		0.001030	0.001040	0.001170	0.001140	0.001110	0.001180	0.001180	0.001250	0.001890	N/A	N/A	N/A
Technical specification limit		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	N/A	N/A	N/A
Reactor Coolant System Activity		4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12
Maximum activity		N/A	0.000322	0.000357	0.000294	0.000274	0.000327	0.000366	0.000341	0.000408	0.000392	0.000367	0.000370
Technical specification limit		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value		N/A	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



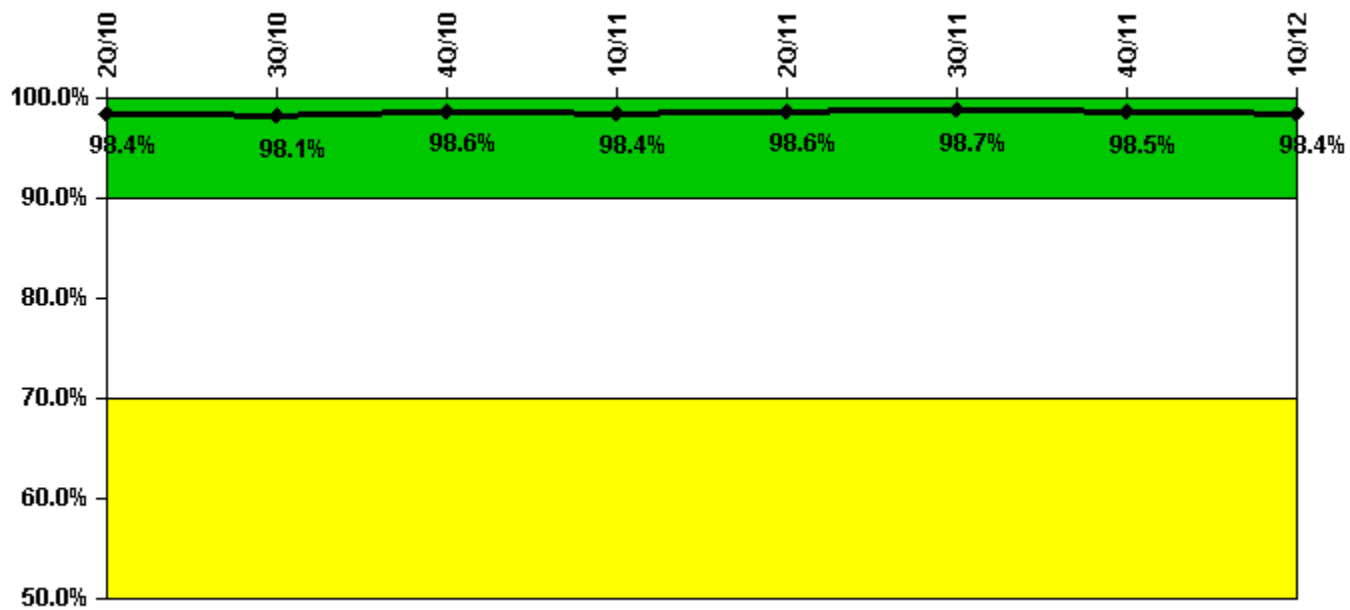
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11
Maximum leakage	0.010	0.020	0.050	0.030	0.050	0.015	0.020	0.012	0.007	N/A	N/A	N/A
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.2	0.5	0.3	0.5	0.2	0.2	0.1	0.1	N/A	N/A	N/A
Reactor Coolant System Leakage	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12
Maximum leakage	N/A	0.070	0.002	0.001	0.050	0.002	0	0.001	0.004	0	0.013	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	N/A	0.7	0	0	0.5	0	0	0	0	0	0.1	0

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

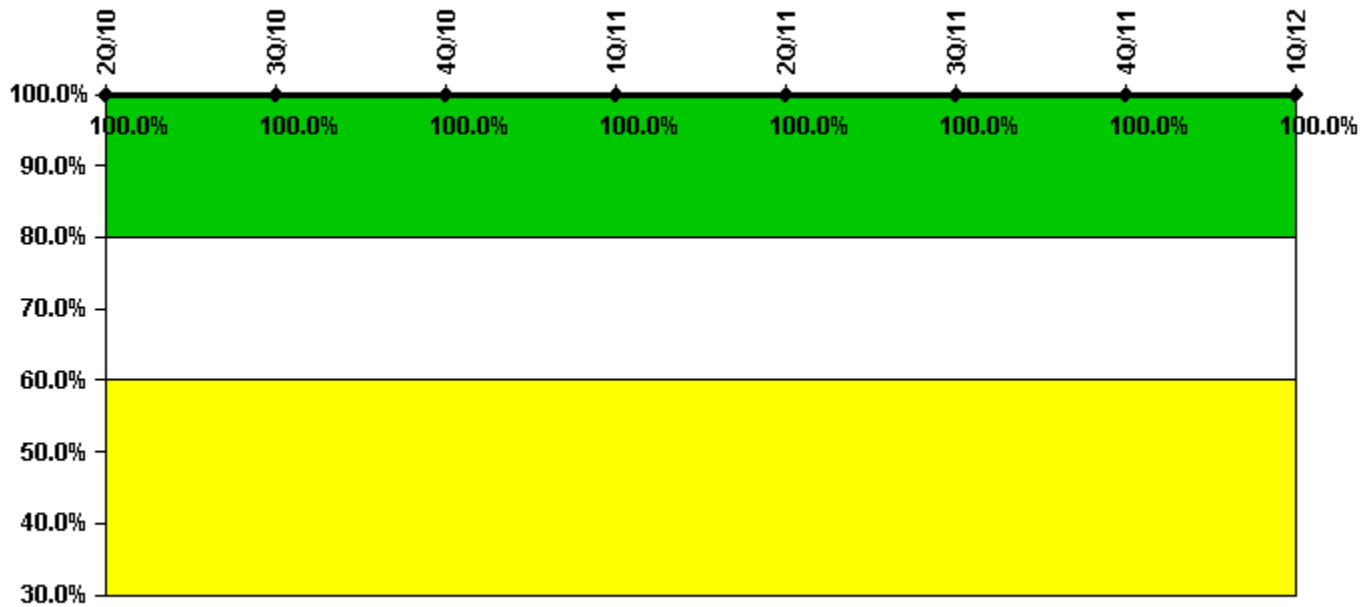
Notes

Drill/Exercise Performance	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Successful opportunities	9.0	76.0	52.0	0	69.0	92.0	9.0	0
Total opportunities	9.0	78.0	52.0	0	69.0	94.0	10.0	0
Indicator value	98.4%	98.1%	98.6%	98.4%	98.6%	98.7%	98.5%	98.4%

Licensee Comments:

3Q/11: Correction made for 3Q/2011 Successful/Total Drill Exercise & Event Opportunities

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

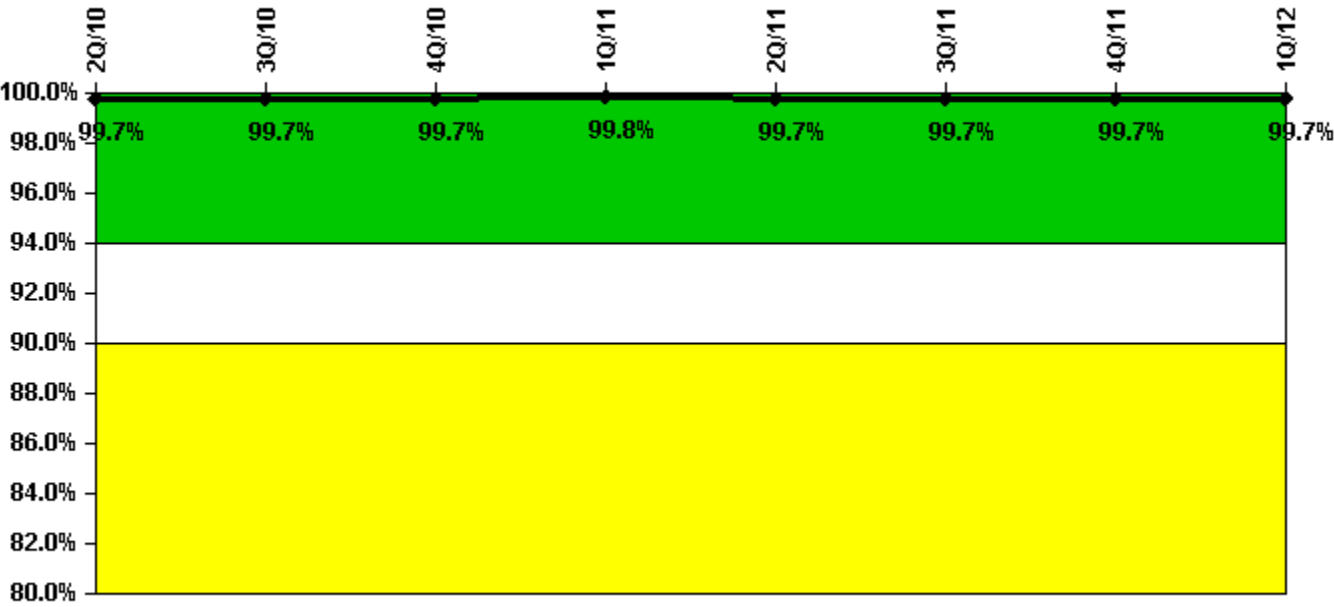
Notes

ERO Drill Participation	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Participating Key personnel	91.0	88.0	85.0	83.0	88.0	105.0	95.0	93.0
Total Key personnel	91.0	88.0	85.0	83.0	88.0	105.0	95.0	93.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments:

4Q/10: 4Q/2010 data corrected from 86/86 to 85/85.

Alert & Notification System



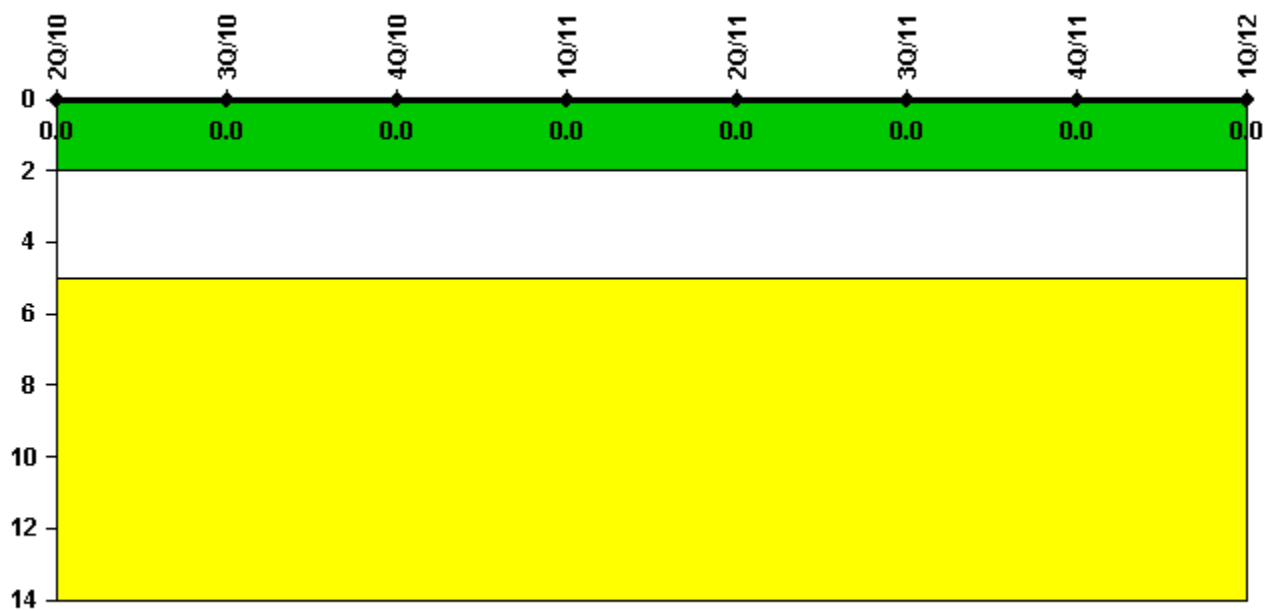
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Successful siren-tests	718	628	718	630	715	629	719	628
Total sirens-tests	720	630	720	630	720	630	720	630
Indicator value	99.7%	99.7%	99.7%	99.8%	99.7%	99.7%	99.7%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



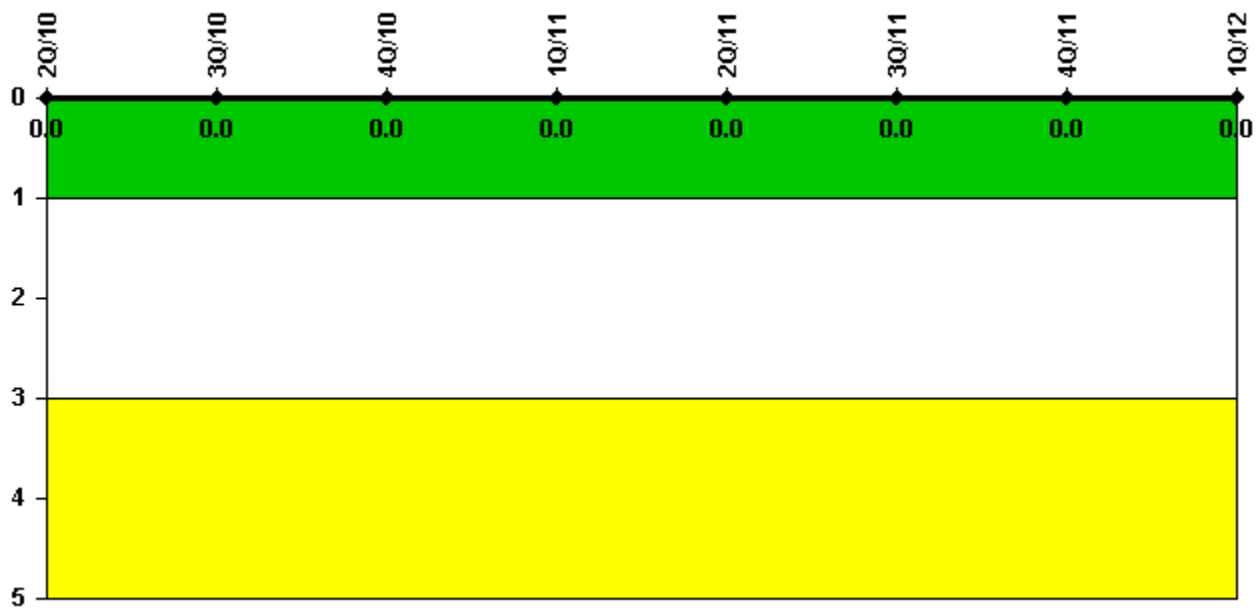
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

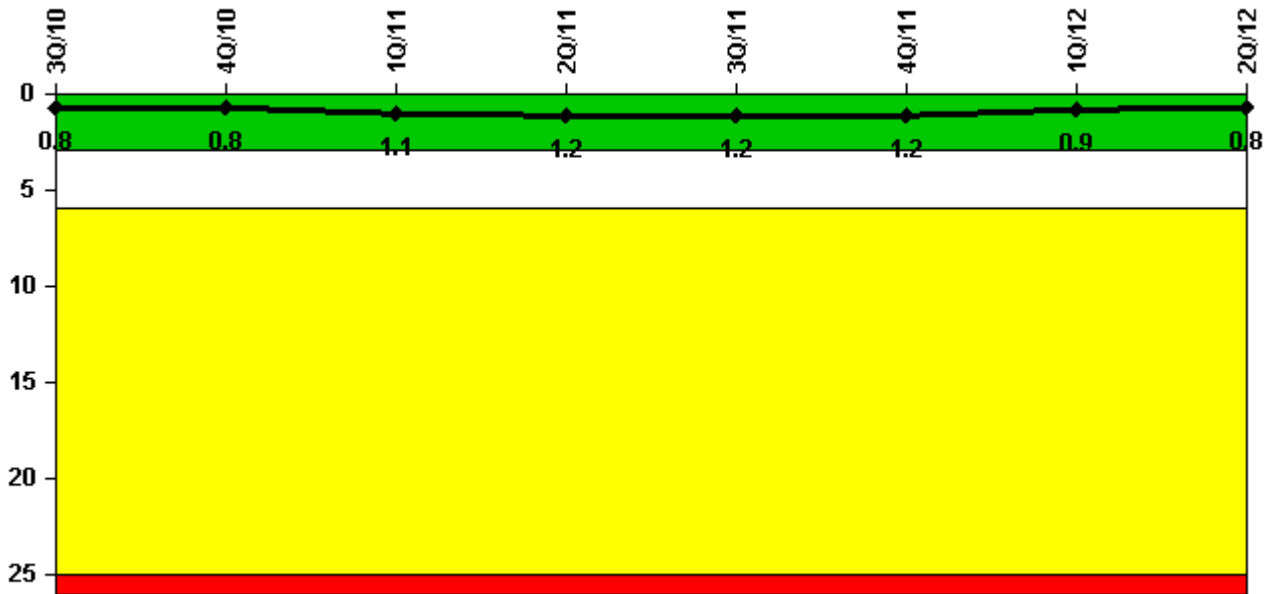
[Security](#) information not publicly available.

Saint Lucie 2

2Q/2012 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



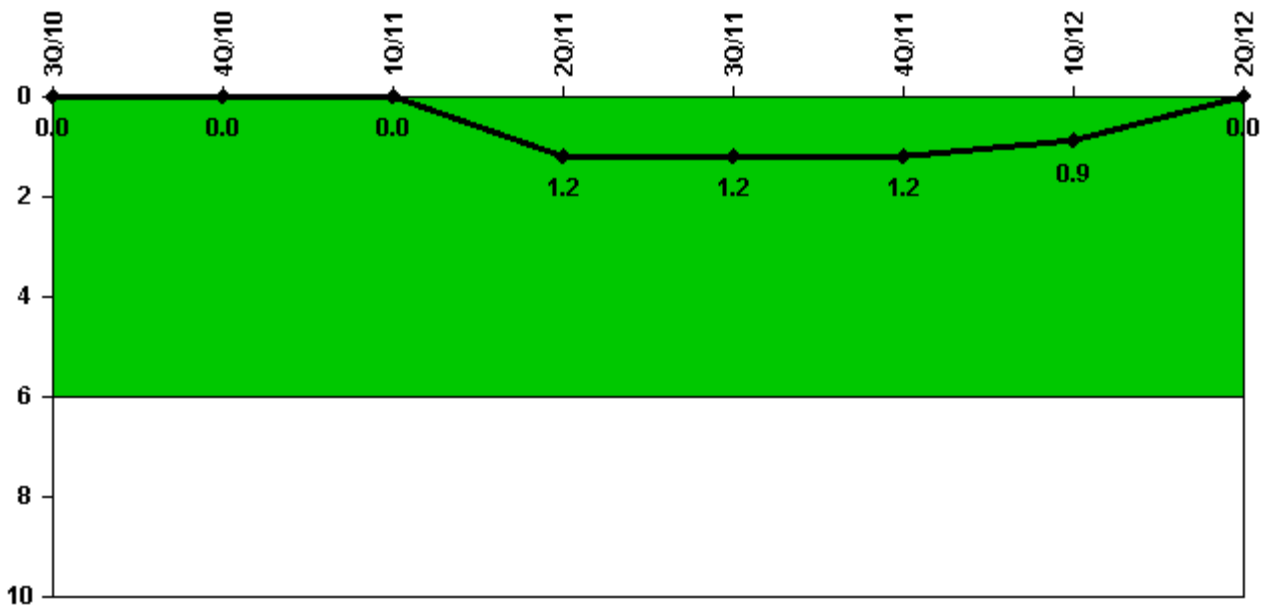
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0	1.0
Critical hours	2208.0	2209.0	41.0	1329.1	2208.0	2209.0	2183.0	2146.2
Indicator value	0.8	0.8	1.1	1.2	1.2	1.2	0.9	0.8

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



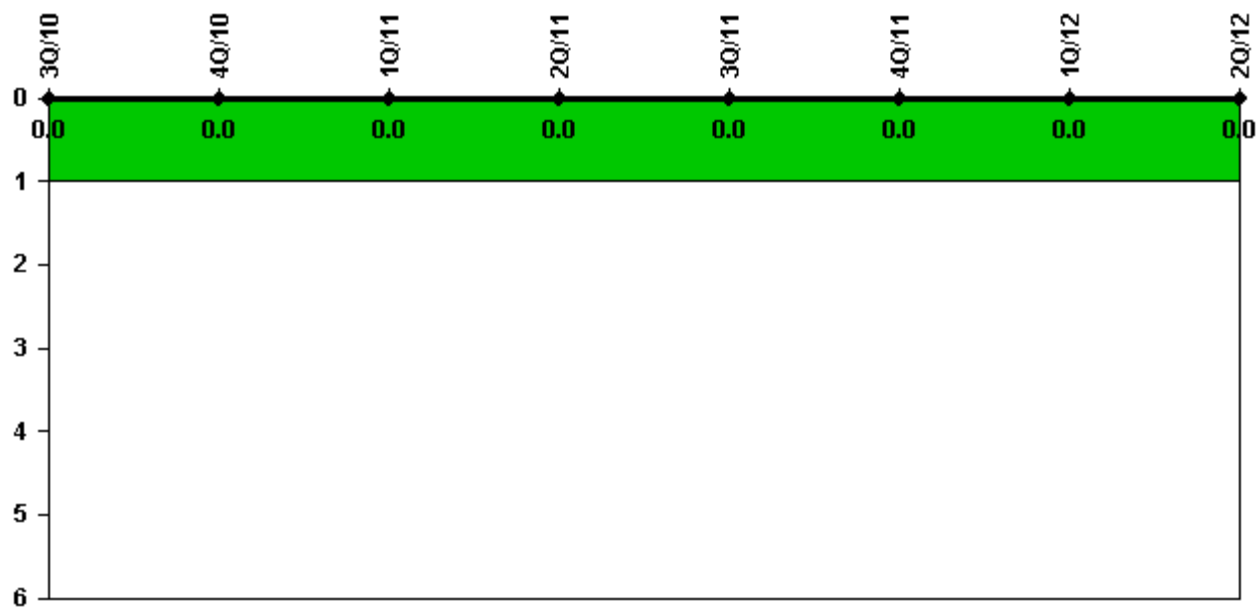
Thresholds: White > 6.0

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	0	0	1.0	0	0	0	0
Critical hours	2208.0	2209.0	41.0	1329.1	2208.0	2209.0	2183.0	2146.2
Indicator value	0	0	0	1.2	1.2	1.2	0.9	0

Licensee Comments: none

Unplanned Scrams with Complications



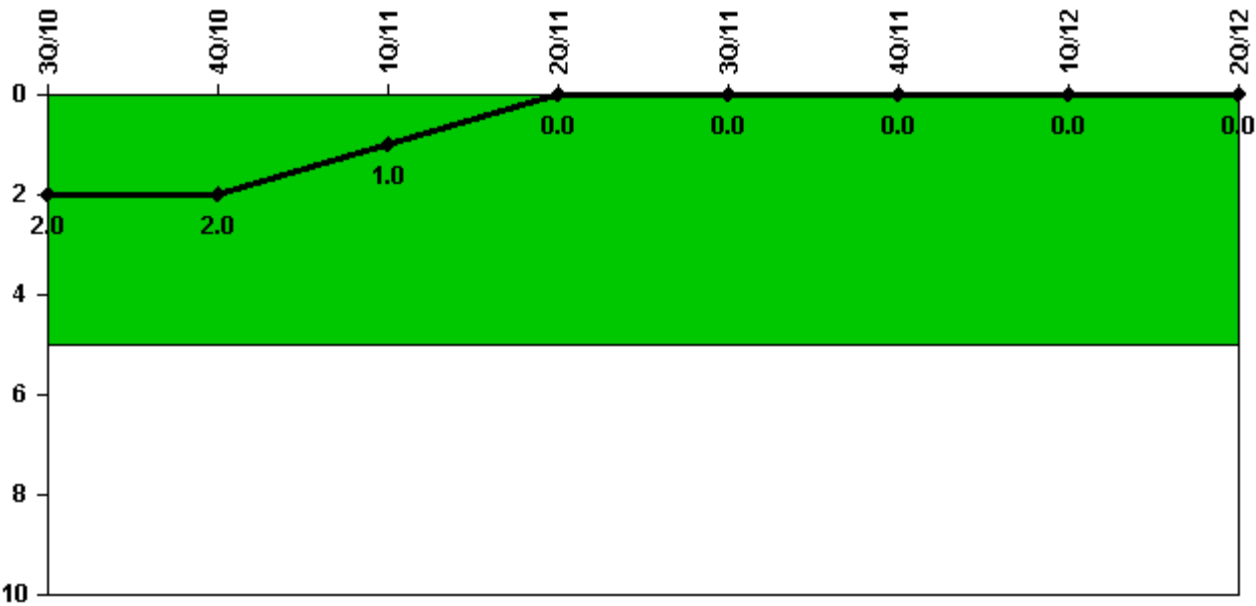
Thresholds: White > 1.0

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 (PWR)



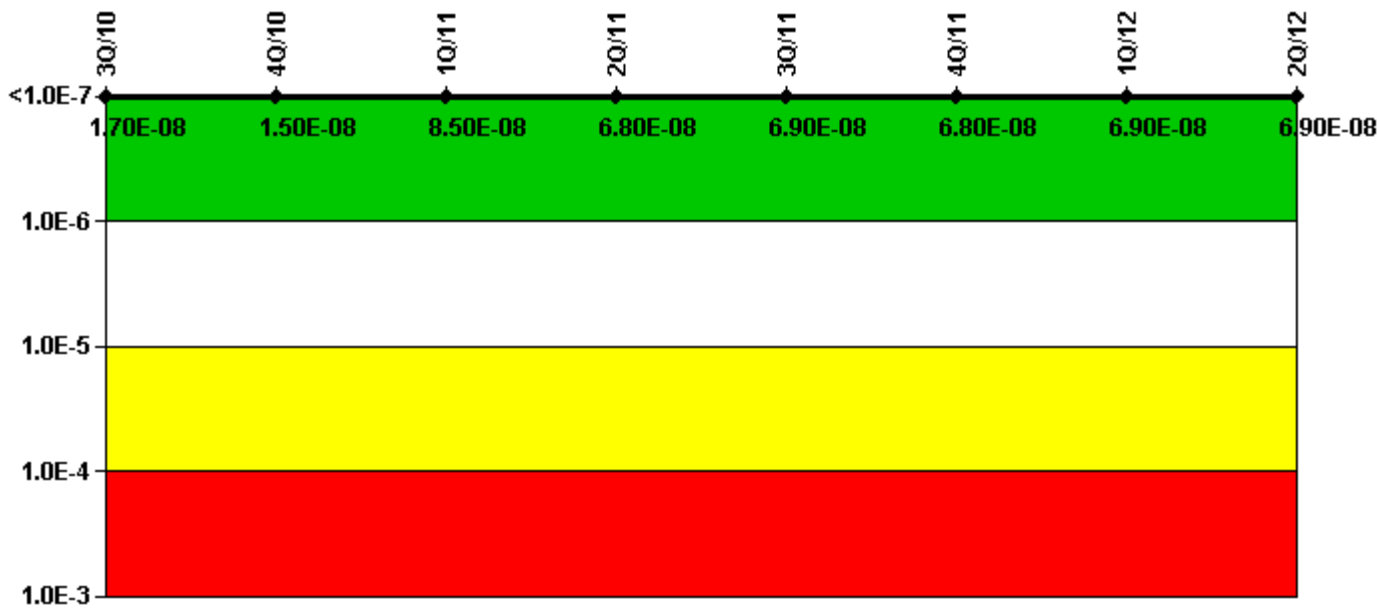
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



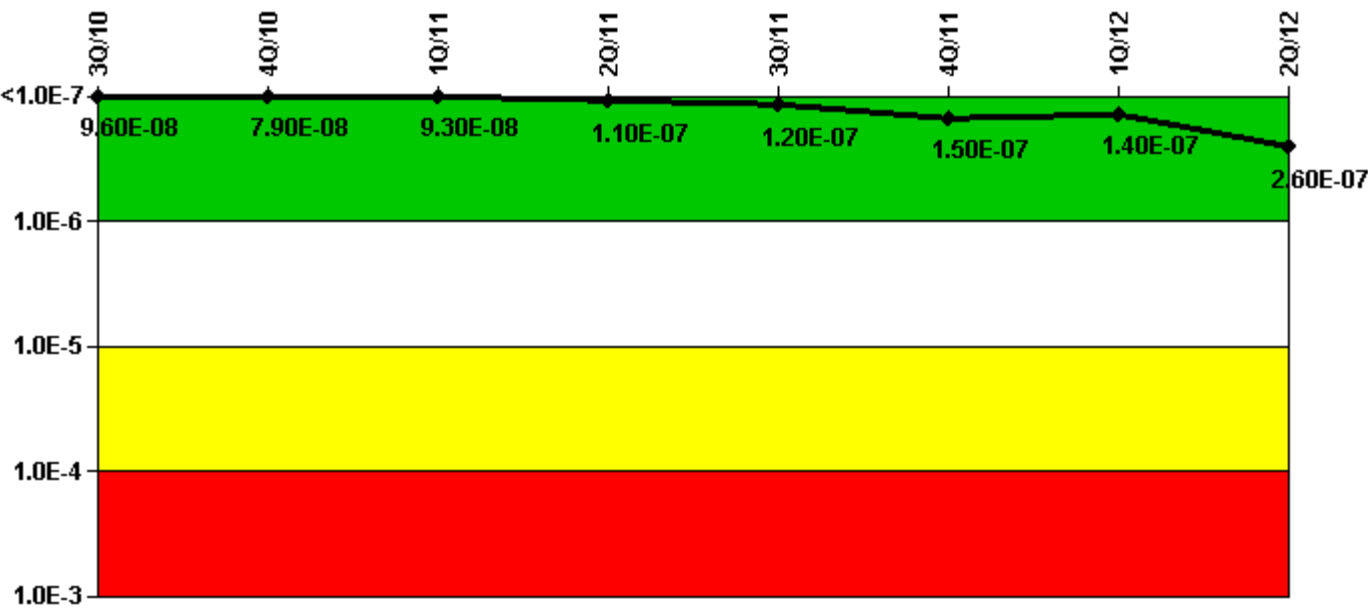
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (ΔCDF)	2.24E-08	2.03E-08	2.17E-08	1.63E-08	1.69E-08	1.67E-08	1.62E-08	1.52E-08
URI (ΔCDF)	-5.15E-09	-5.15E-09	6.34E-08	5.17E-08	5.17E-08	5.17E-08	5.26E-08	5.35E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.70E-08	1.50E-08	8.50E-08	6.80E-08	6.90E-08	6.80E-08	6.90E-08	6.90E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



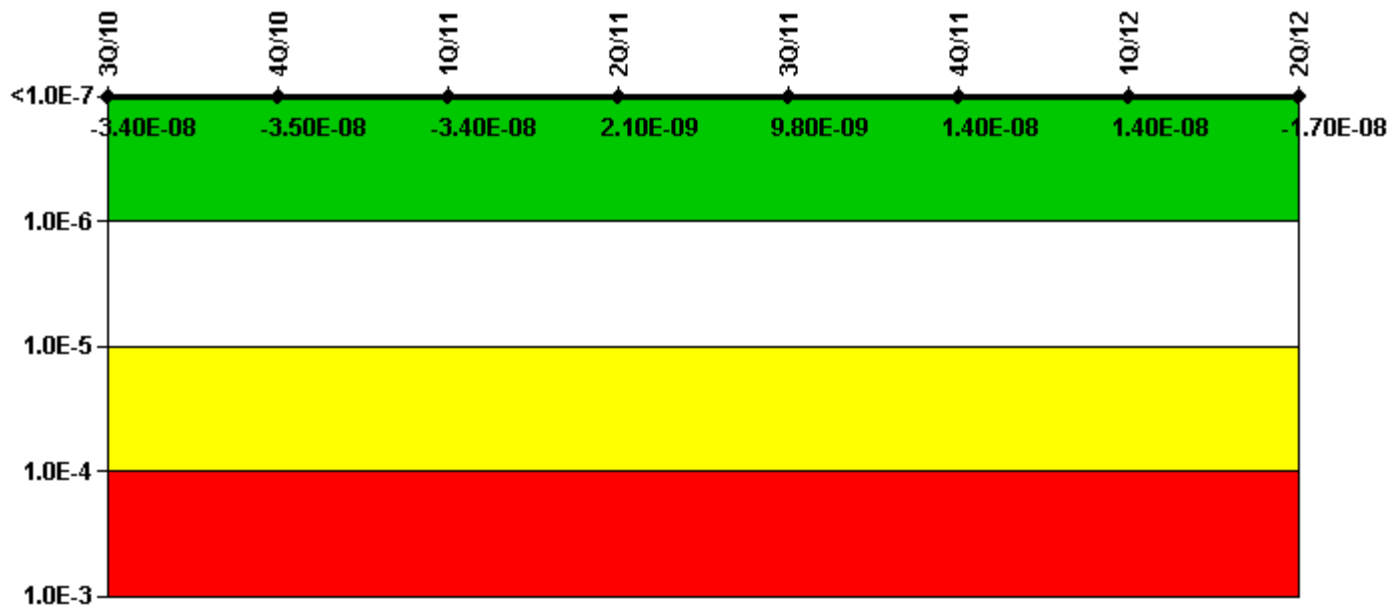
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (ΔCDF)	2.68E-07	2.51E-07	2.65E-07	2.86E-07	2.89E-07	3.26E-07	3.11E-07	4.29E-07
URI (ΔCDF)	-1.72E-07	-1.72E-07	-1.72E-07	-1.72E-07	-1.72E-07	-1.72E-07	-1.72E-07	-1.72E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	9.60E-08	7.90E-08	9.30E-08	1.10E-07	1.20E-07	1.50E-07	1.40E-07	2.60E-07

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



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

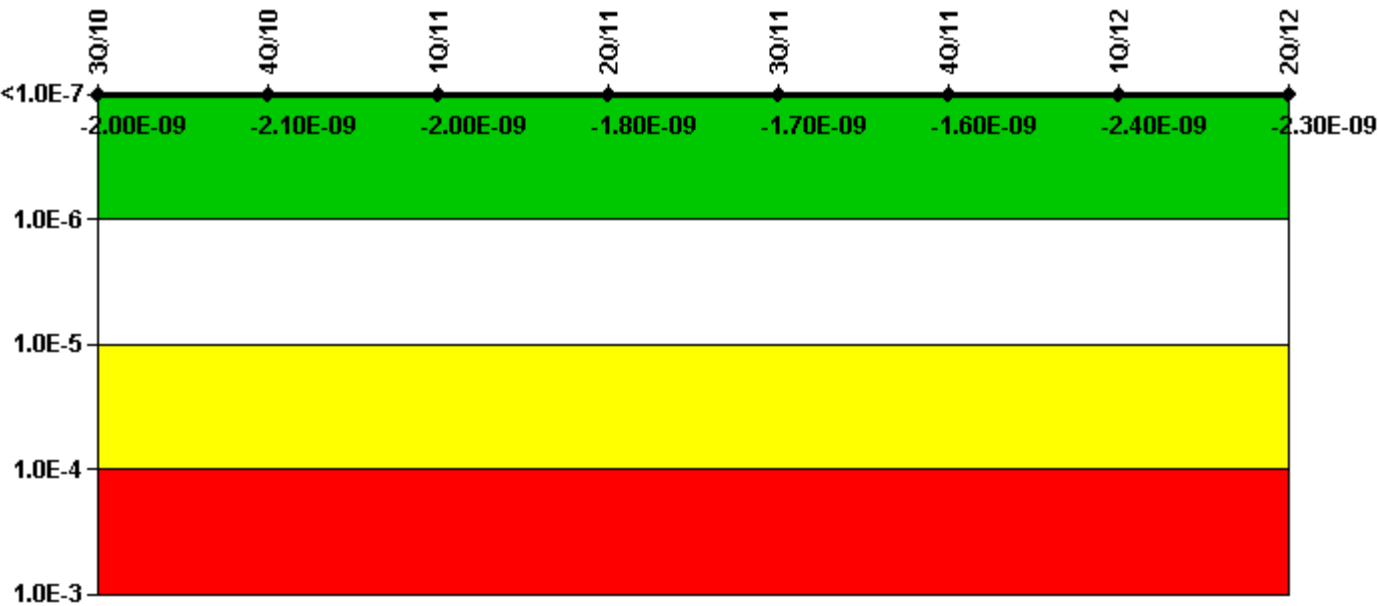
Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (ΔCDF)	-2.25E-10	-1.06E-09	-3.84E-10	1.72E-08	2.49E-08	2.91E-08	2.90E-08	1.84E-08
URI (ΔCDF)	-3.40E-08	-3.40E-08	-3.40E-08	-1.51E-08	-1.51E-08	-1.51E-08	-1.51E-08	-3.49E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.40E-08	-3.50E-08	-3.40E-08	2.10E-09	9.80E-09	1.40E-08	1.40E-08	-1.70E-08

Licensee Comments:

2Q/11: ESF non-test demands and run-hours changed to reflect the automatic AFW actuation that occurred during the June 6, 2011 reactor trip.

Mitigating Systems Performance Index, Residual Heat Removal System



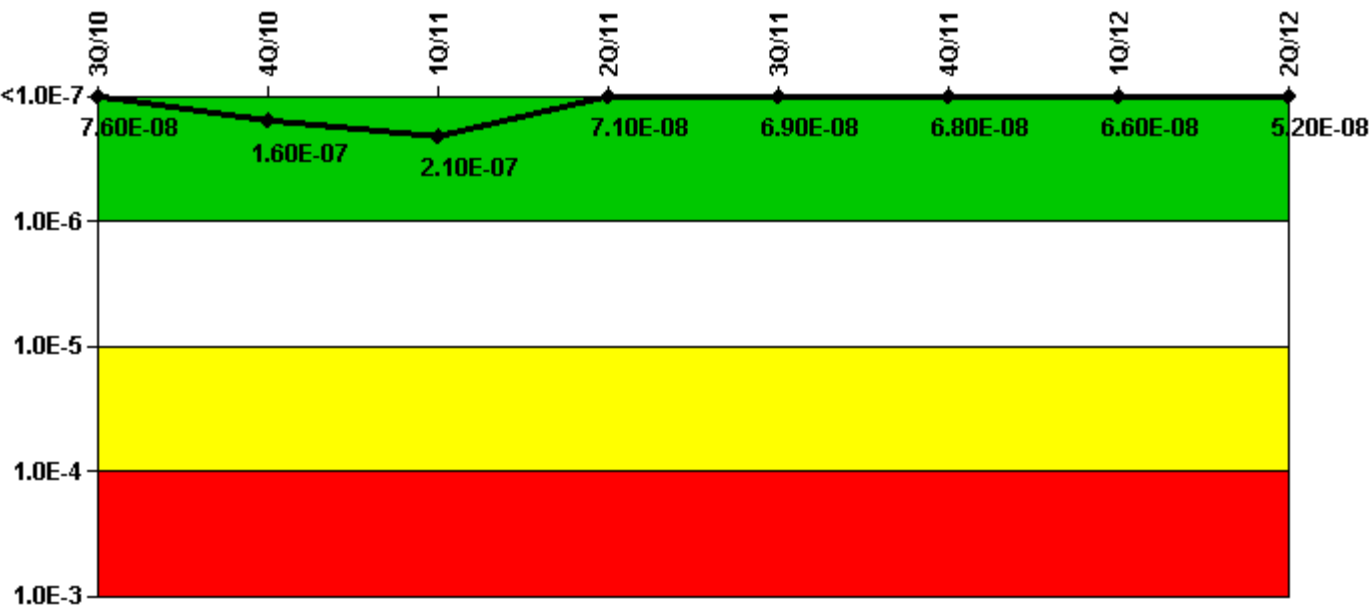
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (ΔCDF)	1.87E-10	9.77E-11	1.96E-10	3.94E-10	4.29E-10	5.16E-10	-2.12E-10	-1.10E-10
URI (ΔCDF)	-2.16E-09	-2.16E-09	-2.16E-09	-2.16E-09	-2.16E-09	-2.16E-09	-2.16E-09	-2.16E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.00E-09	-2.10E-09	-2.00E-09	-1.80E-09	-1.70E-09	-1.60E-09	-2.40E-09	-2.30E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



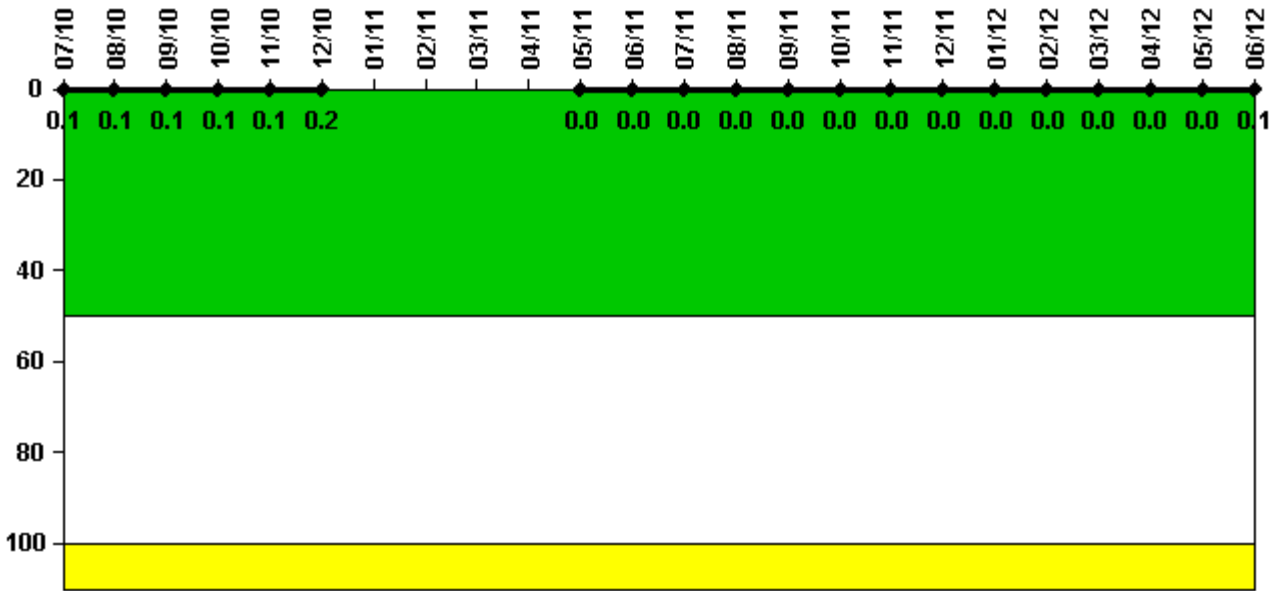
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (ΔCDF)	8.50E-08	1.66E-07	2.21E-07	7.98E-08	7.79E-08	7.67E-08	7.44E-08	6.05E-08
URI (ΔCDF)	-8.88E-09	-8.88E-09	-8.88E-09	-8.88E-09	-8.88E-09	-8.88E-09	-8.88E-09	-8.88E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	7.60E-08	1.60E-07	2.10E-07	7.10E-08	6.90E-08	6.80E-08	6.60E-08	5.20E-08

Licensee Comments: none

Reactor Coolant System Activity



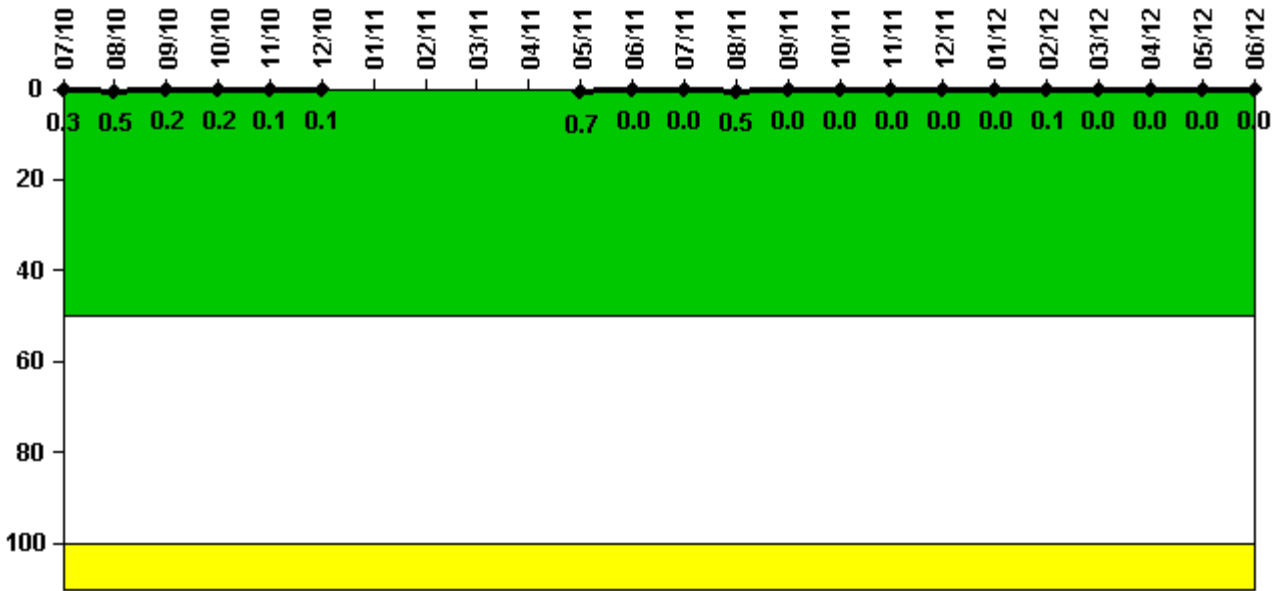
Thresholds: White > 50.0 Yellow > 100.0

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		0.001140	0.001110	0.001180	0.001180	0.001250	0.001890	N/A	N/A	N/A	N/A	0.000322	0.000357
Technical specification limit		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value		0.1	0.1	0.1	0.1	0.1	0.2	N/A	N/A	N/A	N/A	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		0.000294	0.000274	0.000327	0.000366	0.000341	0.000408	0.000392	0.000367	0.000370	0.000420	0.000407	0.000650
Technical specification limit		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value		0	0	0	0	0	0	0	0	0	0	0	0.1

Licensee Comments: none

Reactor Coolant System Leakage



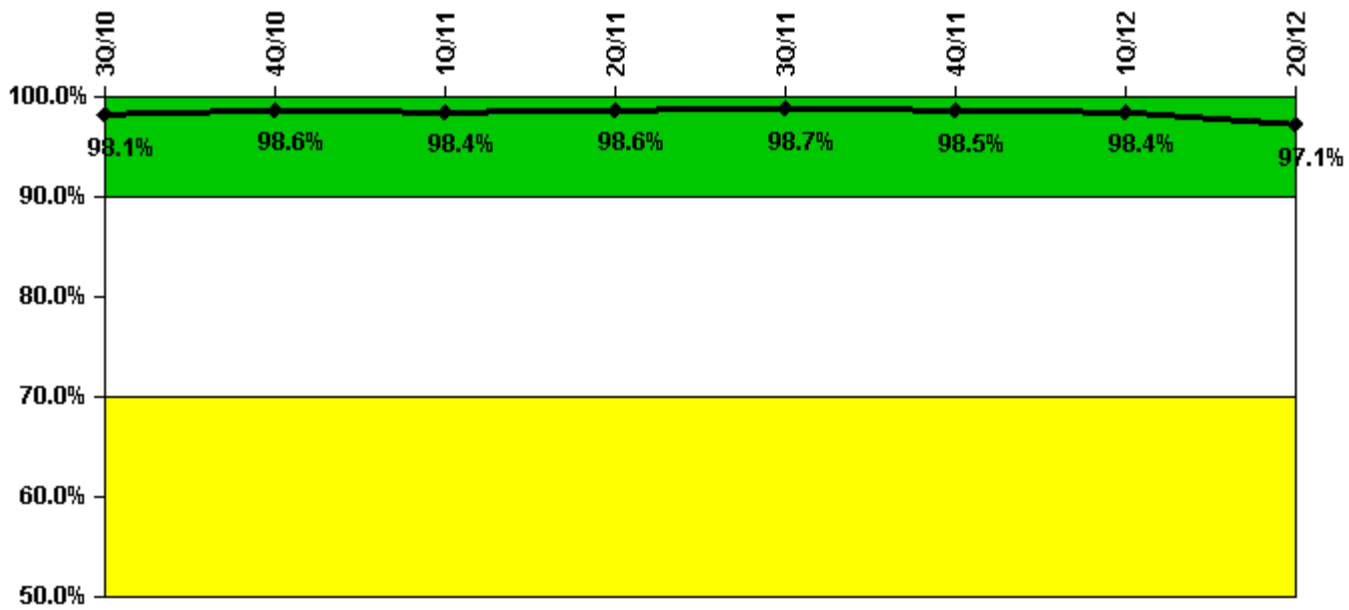
Thresholds: White > 50.0 Yellow > 100.0

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	0.030	0.050	0.015	0.020	0.012	0.007	N/A	N/A	N/A	N/A	0.070	0.002
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.5	0.2	0.2	0.1	0.1	N/A	N/A	N/A	N/A	0.7	0
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	0.001	0.050	0.002	0	0.001	0.004	0	0.013	0	0.002	0.001	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0.5	0	0	0	0	0	0.1	0	0	0	0

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

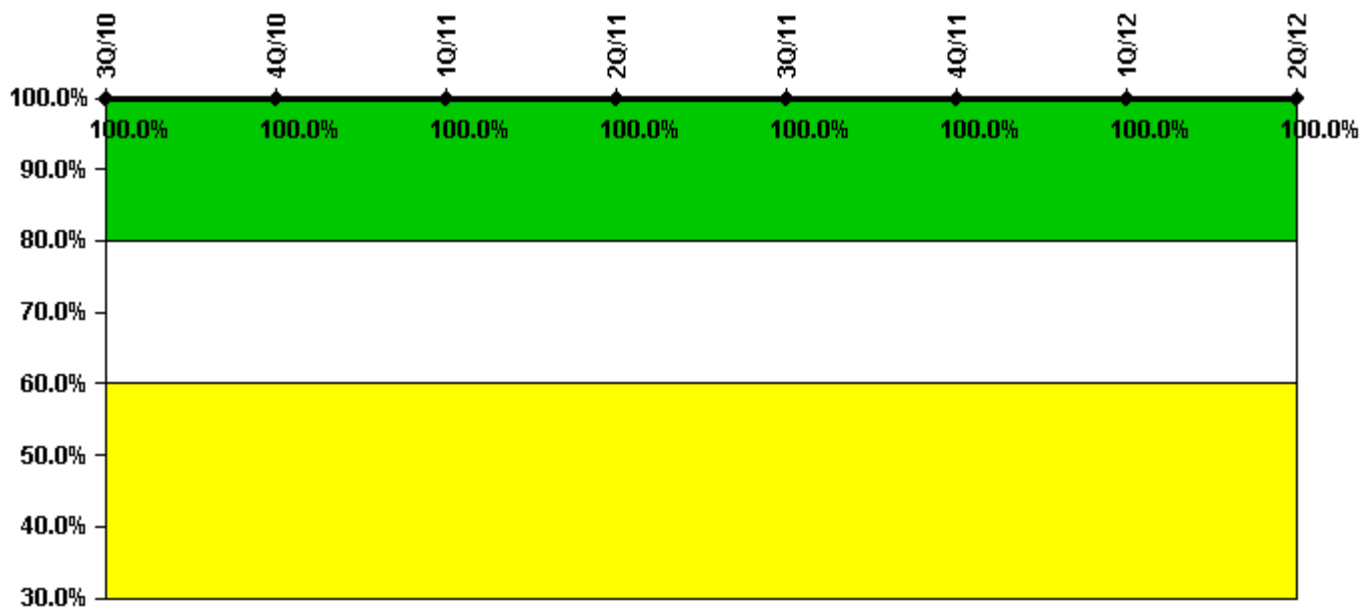
Notes

Drill/Exercise Performance	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Successful opportunities	76.0	52.0	0	69.0	92.0	9.0	0	69.0
Total opportunities	78.0	52.0	0	69.0	94.0	10.0	0	75.0
Indicator value	98.1%	98.6%	98.4%	98.6%	98.7%	98.5%	98.4%	97.1%

Licensee Comments:

3Q/11: Correction made for 3Q/2011 Successful/Total Drill Exercise & Event Opportunities

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

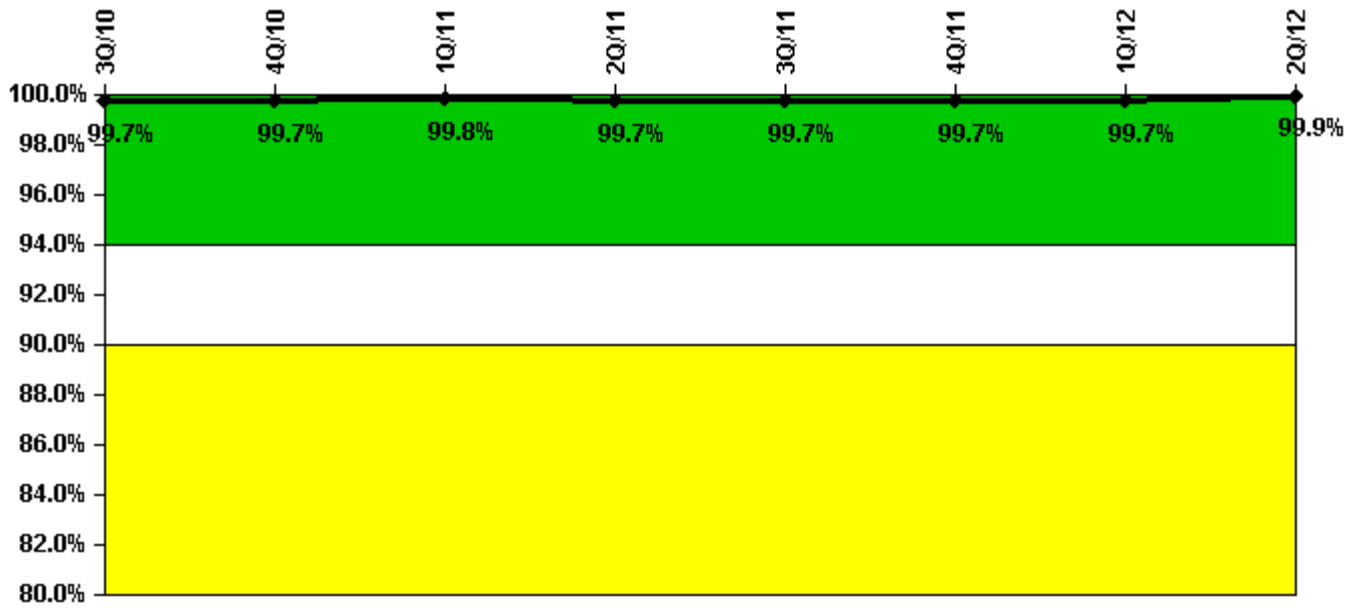
Notes

ERO Drill Participation	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Participating Key personnel	88.0	85.0	83.0	88.0	105.0	95.0	93.0	94.0
Total Key personnel	88.0	85.0	83.0	88.0	105.0	95.0	93.0	94.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments:

4Q/10: 4Q/2010 data corrected from 86/86 to 85/85.

Alert & Notification System



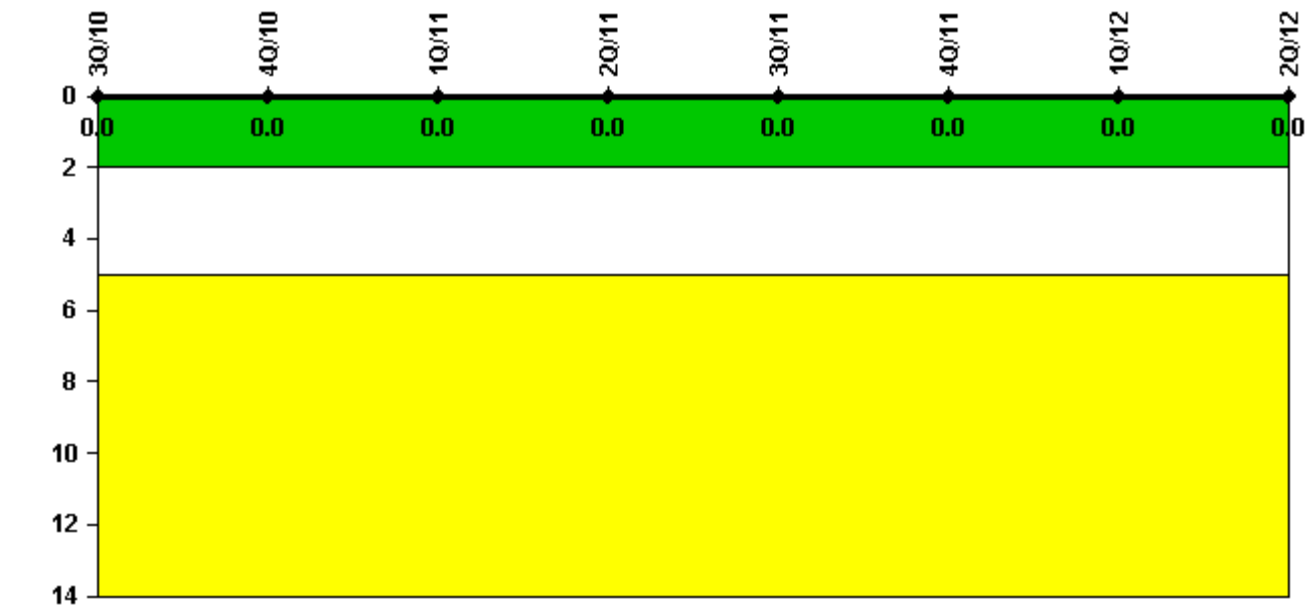
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Successful siren-tests	628	718	630	715	629	719	628	720
Total sirens-tests	630	720	630	720	630	720	630	720
Indicator value	99.7%	99.7%	99.8%	99.7%	99.7%	99.7%	99.7%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



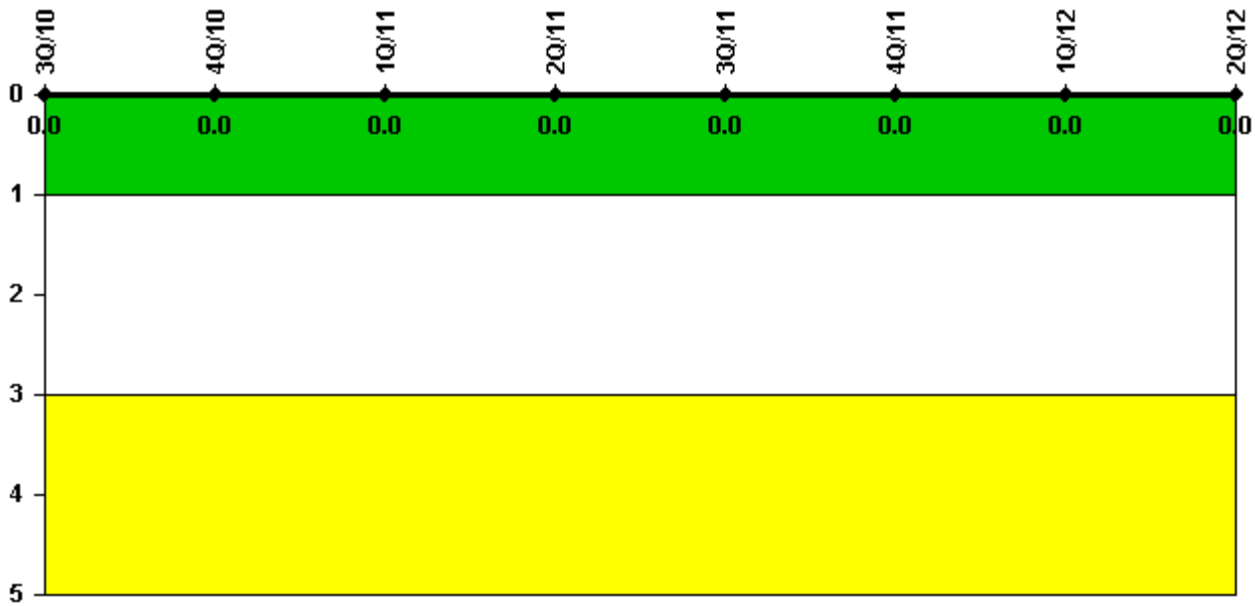
Thresholds: White > 2.0 Yellow > 5.0

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.

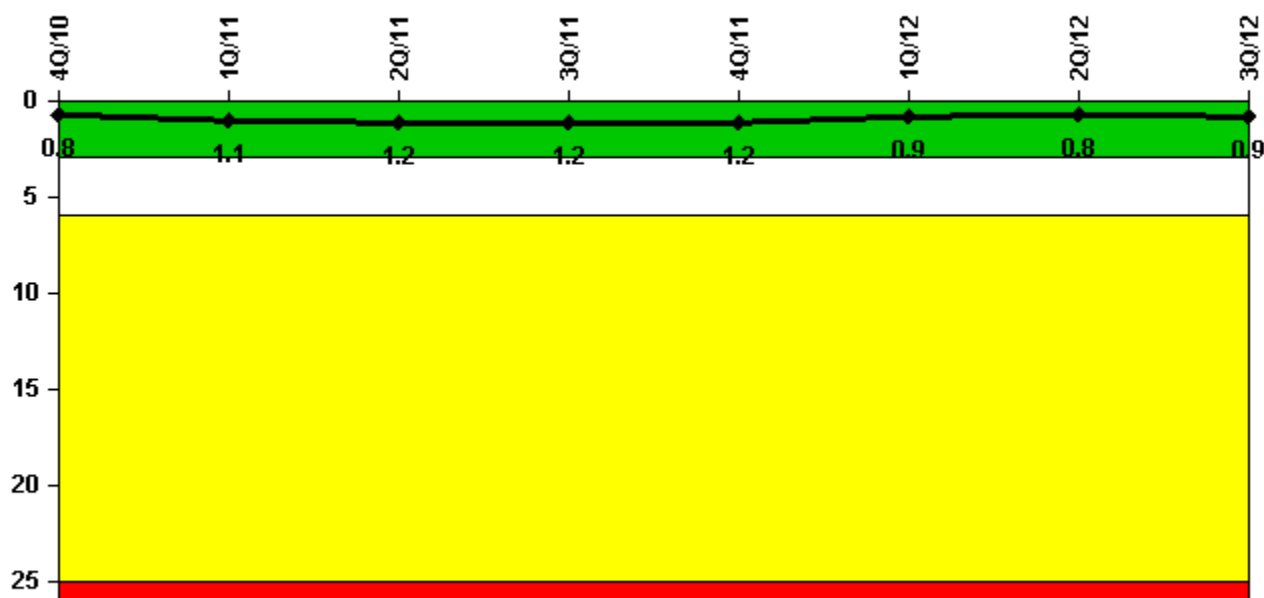


Saint Lucie 2

3Q/2012 Performance Indicators

Licensee's General Comments: MSPI coefficient changes due to PRA model revision to reflect post-EPU plant and operating procedure changes.

Unplanned Scrams per 7000 Critical Hrs



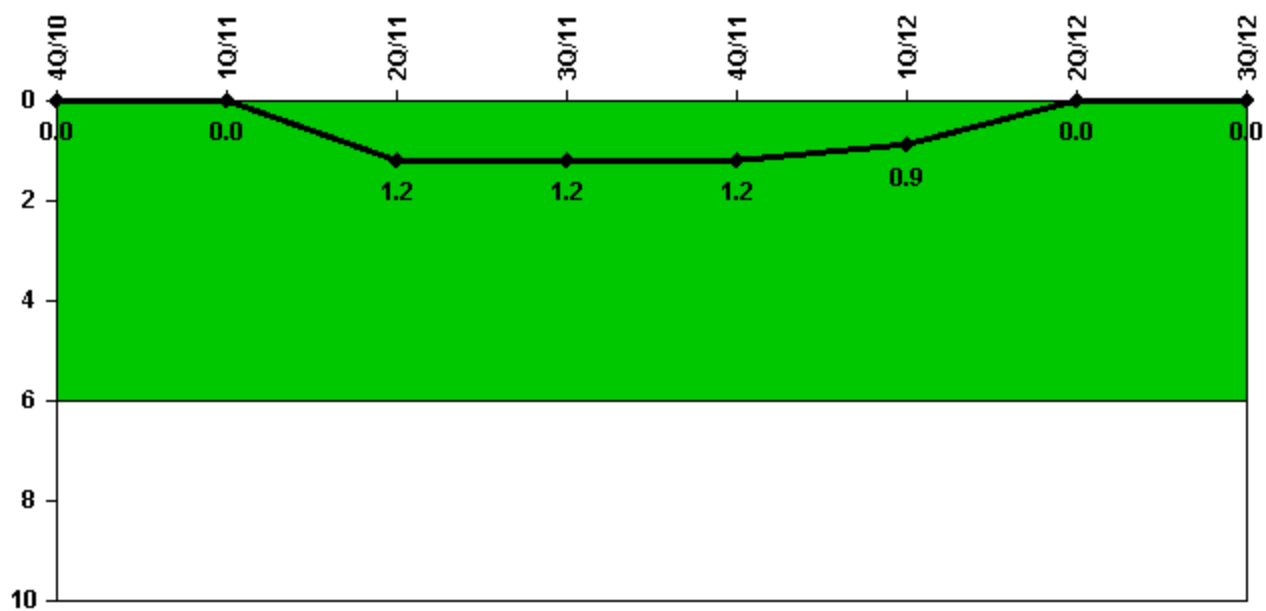
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0	1.0	0
Critical hours	2209.0	41.0	1329.1	2208.0	2209.0	2183.0	2146.2	857.1
Indicator value	0.8	1.1	1.2	1.2	1.2	0.9	0.8	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



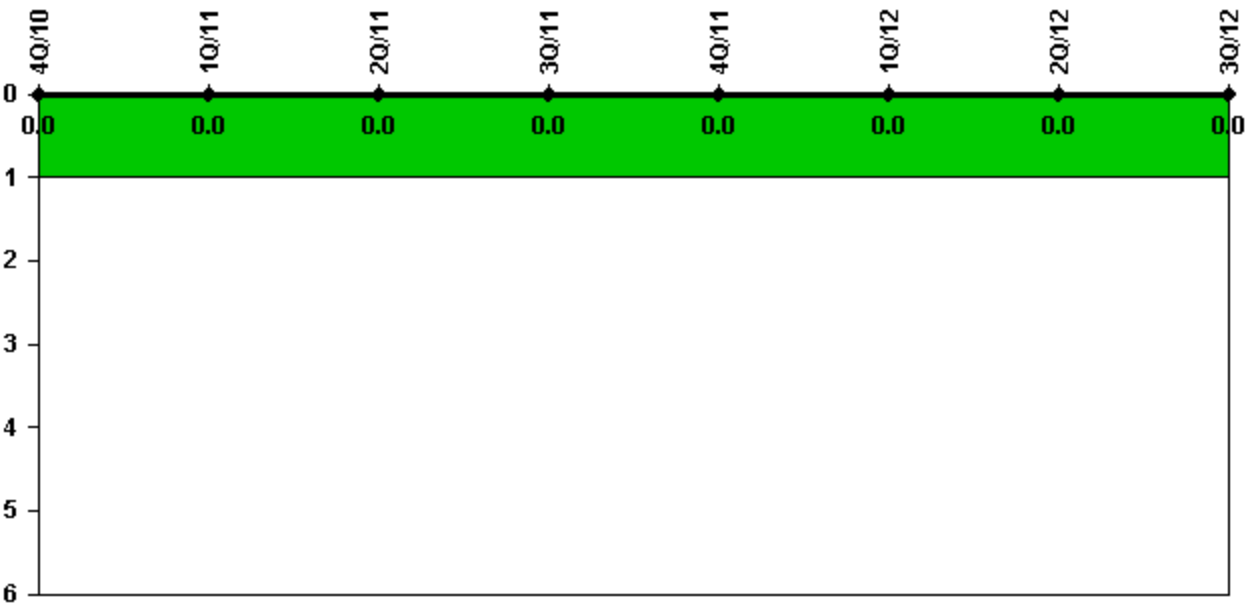
Thresholds: White > 6.0

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	1.0	0	0	0	0	0
Critical hours	2209.0	41.0	1329.1	2208.0	2209.0	2183.0	2146.2	857.1
Indicator value	0	0	1.2	1.2	1.2	0.9	0	0

Licensee Comments: none

Unplanned Scrams with Complications



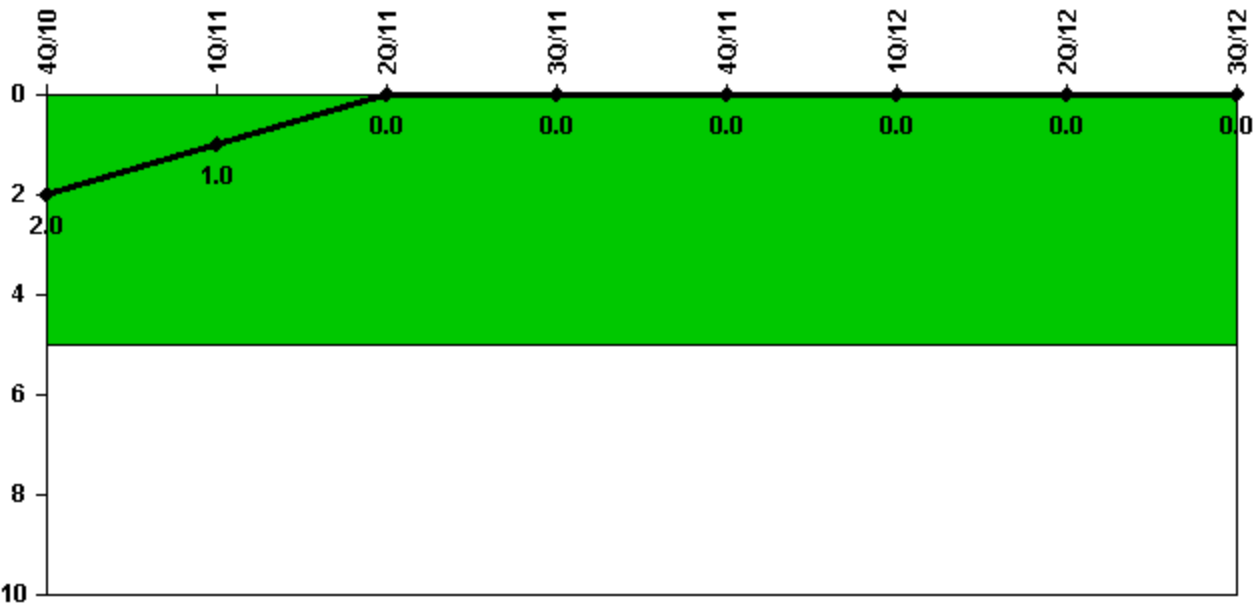
Thresholds: White > 1.0

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 (PWR)



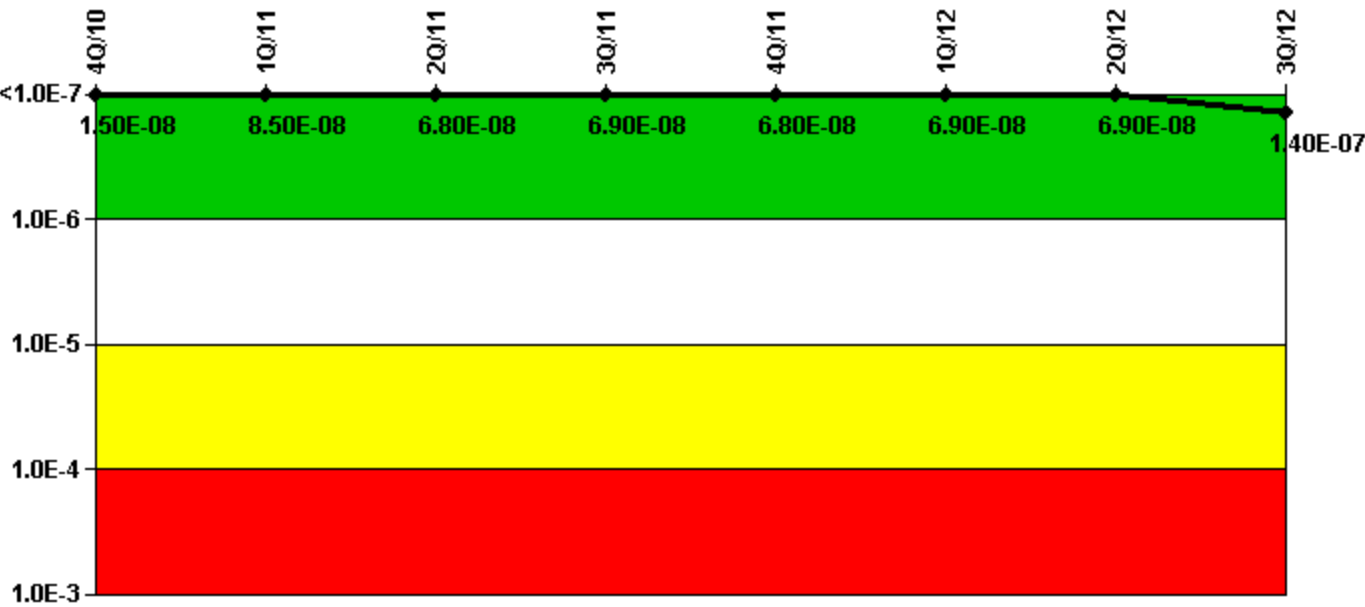
Thresholds: White > 5.0

Notes

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

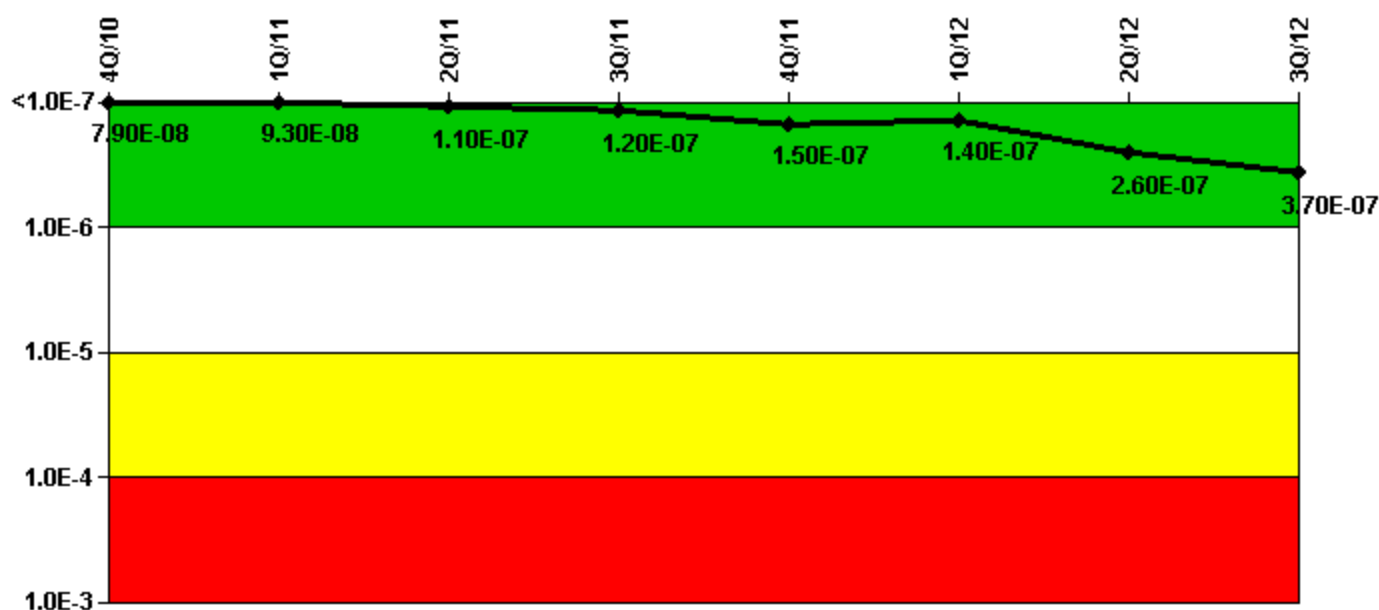
Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
UAI (ΔCDF)	2.03E-08	2.17E-08	1.63E-08	1.69E-08	1.67E-08	1.62E-08	1.52E-08	5.15E-08
URI (ΔCDF)	-5.15E-09	6.34E-08	5.17E-08	5.17E-08	5.17E-08	5.26E-08	5.35E-08	9.22E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.50E-08	8.50E-08	6.80E-08	6.90E-08	6.80E-08	6.90E-08	6.90E-08	1.40E-07

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, High Pressure Injection System



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

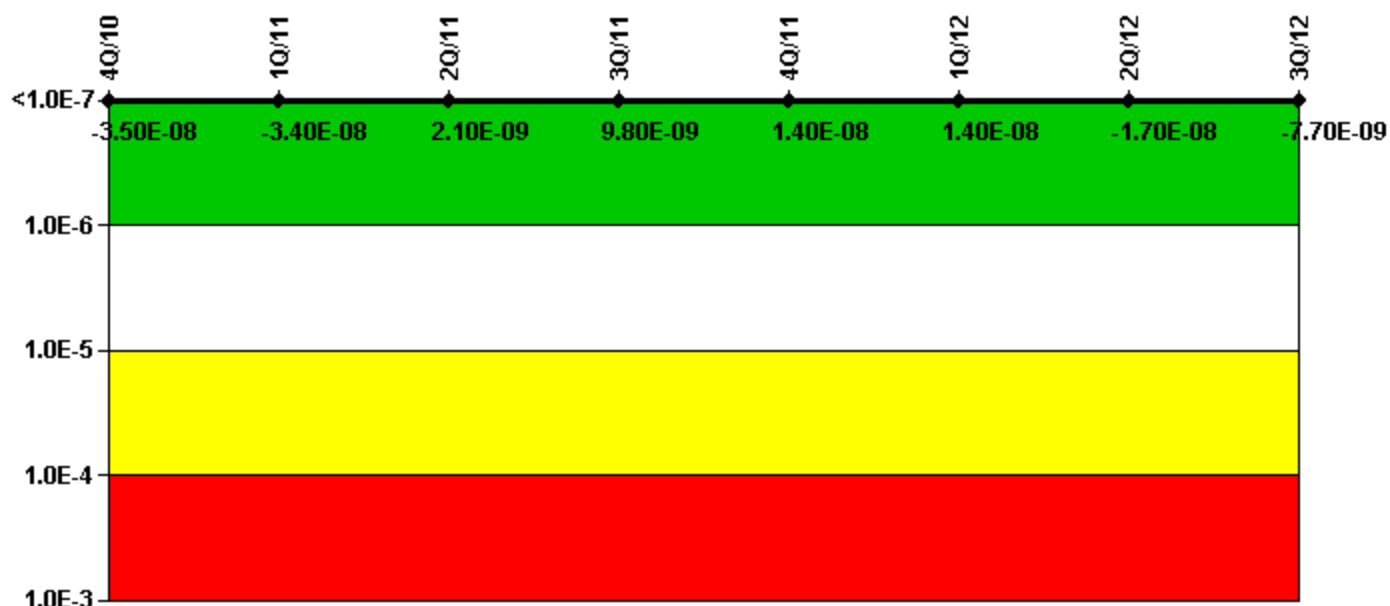
Notes

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 (ΔCDF)	2.51E-07	2.65E-07	2.86E-07	2.89E-07	3.26E-07	3.11E-07	4.29E-07	6.56E-07
URI (ΔCDF)	-1.72E-07	-1.72E-07	-1.72E-07	-1.72E-07	-1.72E-07	-1.72E-07	-1.72E-07	-2.84E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	7.90E-08	9.30E-08	1.10E-07	1.20E-07	1.50E-07	1.40E-07	2.60E-07	3.70E-07

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



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

Notes

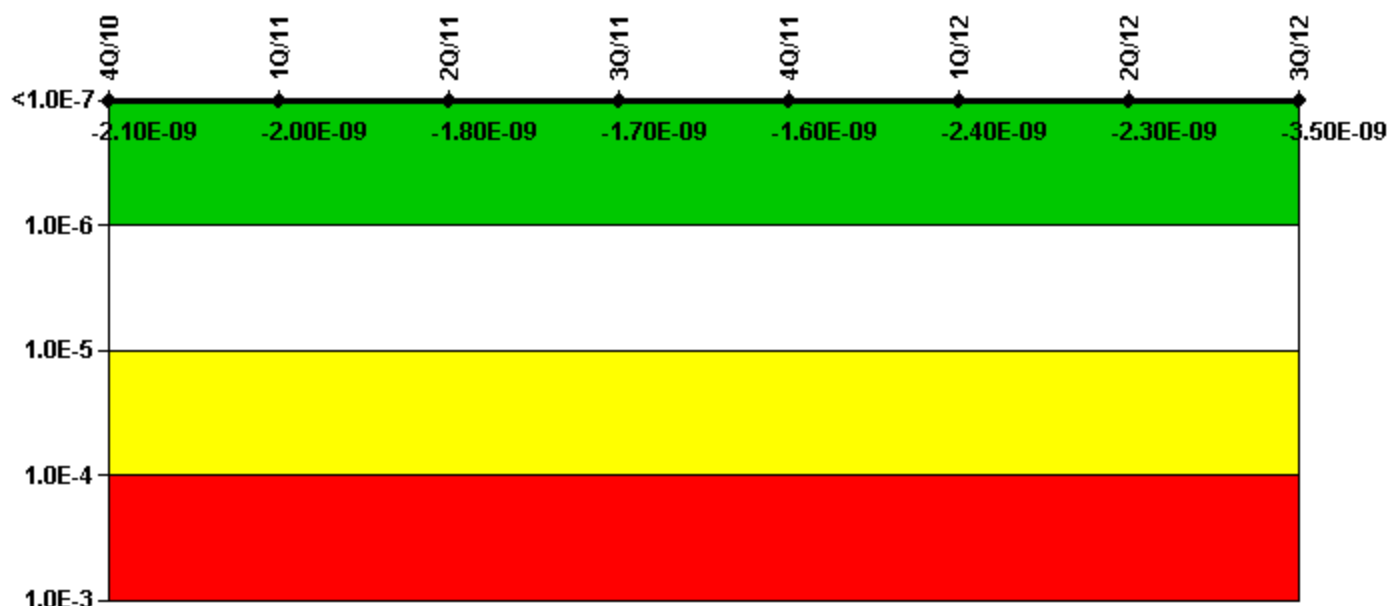
Mitigating Systems Performance Index, Heat Removal System	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
UAI (Δ CDF)	-1.06E-09	-3.84E-10	1.72E-08	2.49E-08	2.91E-08	2.90E-08	1.84E-08	2.04E-08
URI (Δ CDF)	-3.40E-08	-3.40E-08	-1.51E-08	-1.51E-08	-1.51E-08	-1.51E-08	-3.49E-08	-2.80E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.50E-08	-3.40E-08	2.10E-09	9.80E-09	1.40E-08	1.40E-08	-1.70E-08	-7.70E-09

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

2Q/11: ESF non-test demands and run-hours changed to reflect the automatic AFW actuation that occurred during the June 6, 2011 reactor trip.

Mitigating Systems Performance Index, Residual Heat Removal System



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

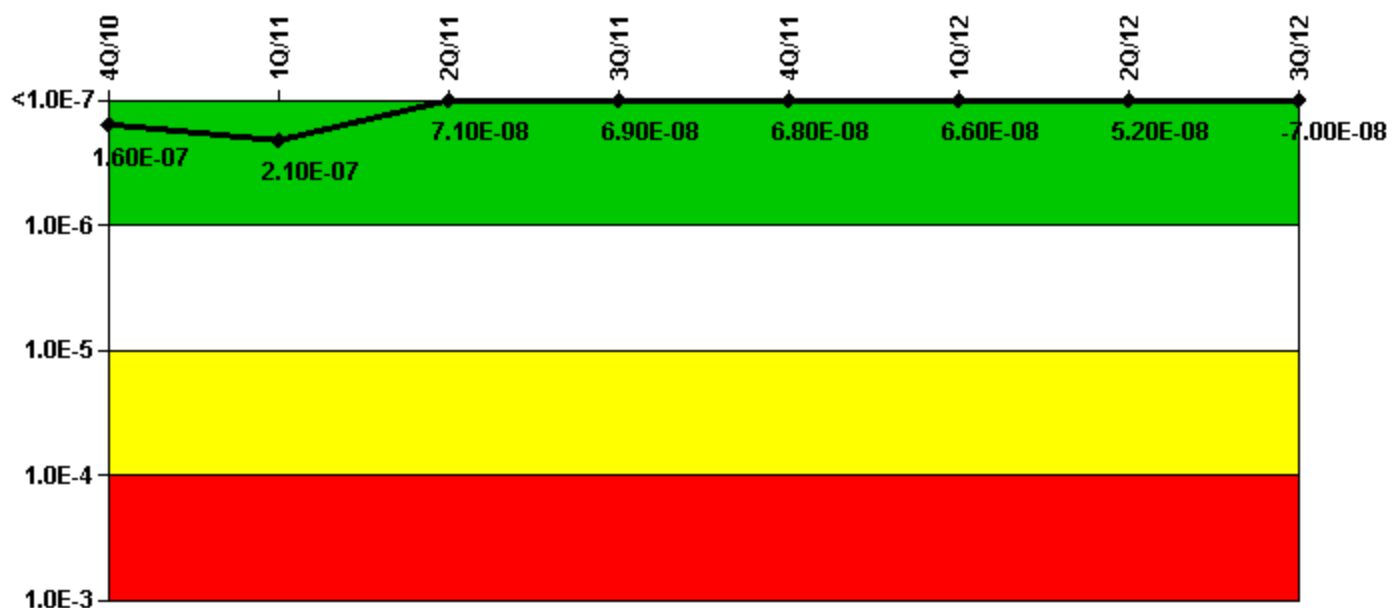
Notes

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)	9.77E-11	1.96E-10	3.94E-10	4.29E-10	5.16E-10	-2.12E-10	-1.10E-10	-2.81E-10
URI (Δ CDF)	-2.16E-09	-2.16E-09	-2.16E-09	-2.16E-09	-2.16E-09	-2.16E-09	-2.16E-09	-3.25E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.10E-09	-2.00E-09	-1.80E-09	-1.70E-09	-1.60E-09	-2.40E-09	-2.30E-09	-3.50E-09

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



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

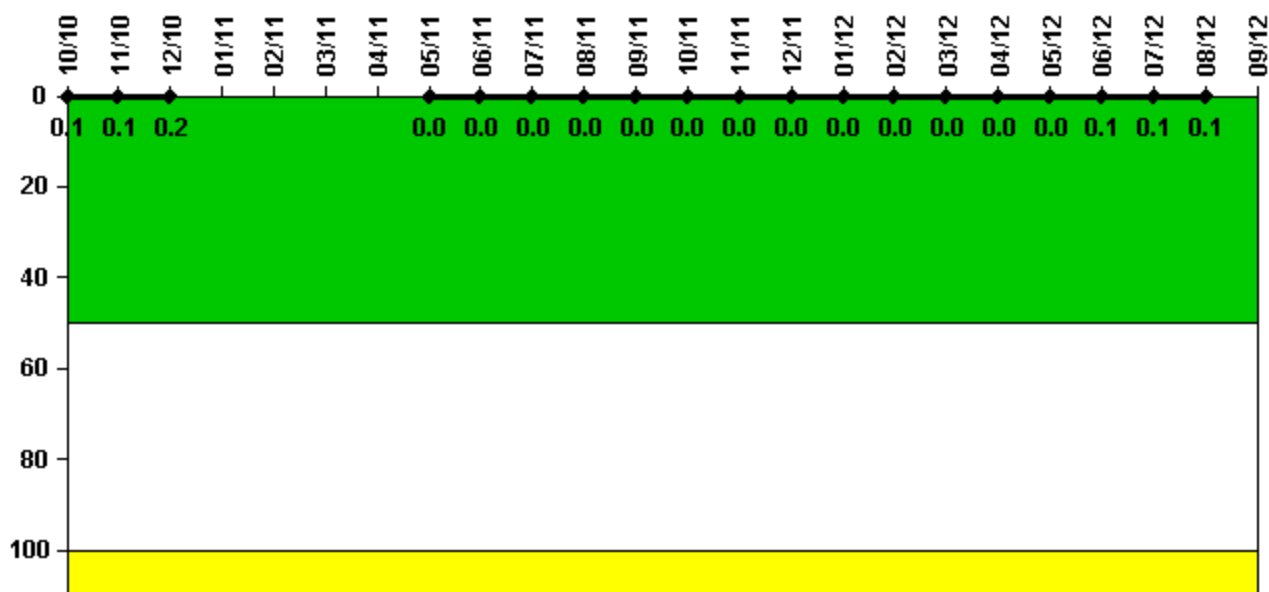
Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
UAI (ΔCDF)	1.66E-07	2.21E-07	7.98E-08	7.79E-08	7.67E-08	7.44E-08	6.05E-08	-6.11E-08
URI (ΔCDF)	-8.37E-09	-8.37E-09	-8.37E-09	-8.37E-09	-8.37E-09	-8.37E-09	-8.37E-09	-8.83E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.60E-07	2.10E-07	7.10E-08	6.90E-08	6.80E-08	6.60E-08	5.20E-08	-7.00E-08

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Reactor Coolant System Activity



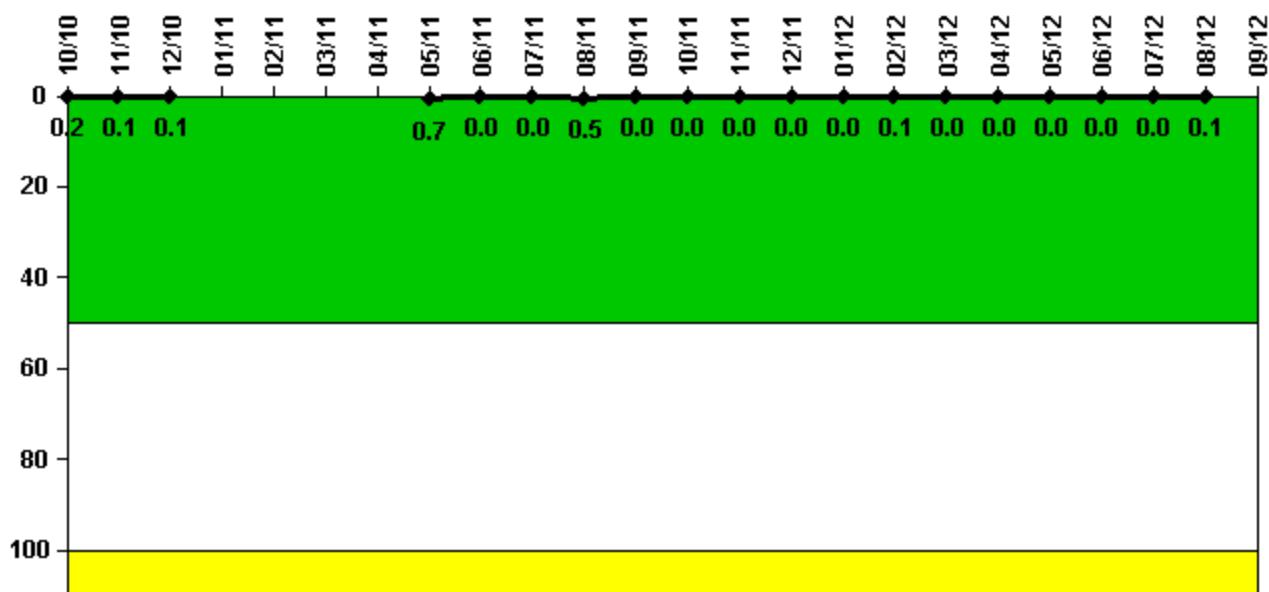
Thresholds: White > 50.0 Yellow > 100.0

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		0.001180	0.001250	0.001890	N/A	N/A	N/A	N/A	0.000322	0.000357	0.000294	0.000274	0.000327
Technical specification limit		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value		0.1	0.1	0.2	N/A	N/A	N/A	N/A	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		0.000366	0.000341	0.000408	0.000392	0.000367	0.000370	0.000420	0.000407	0.000650	0.000604	0.000836	N/A
Technical specification limit		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value		0	0	0	0	0	0	0	0	0.1	0.1	0.1	N/A

Licensee Comments: none

Reactor Coolant System Leakage



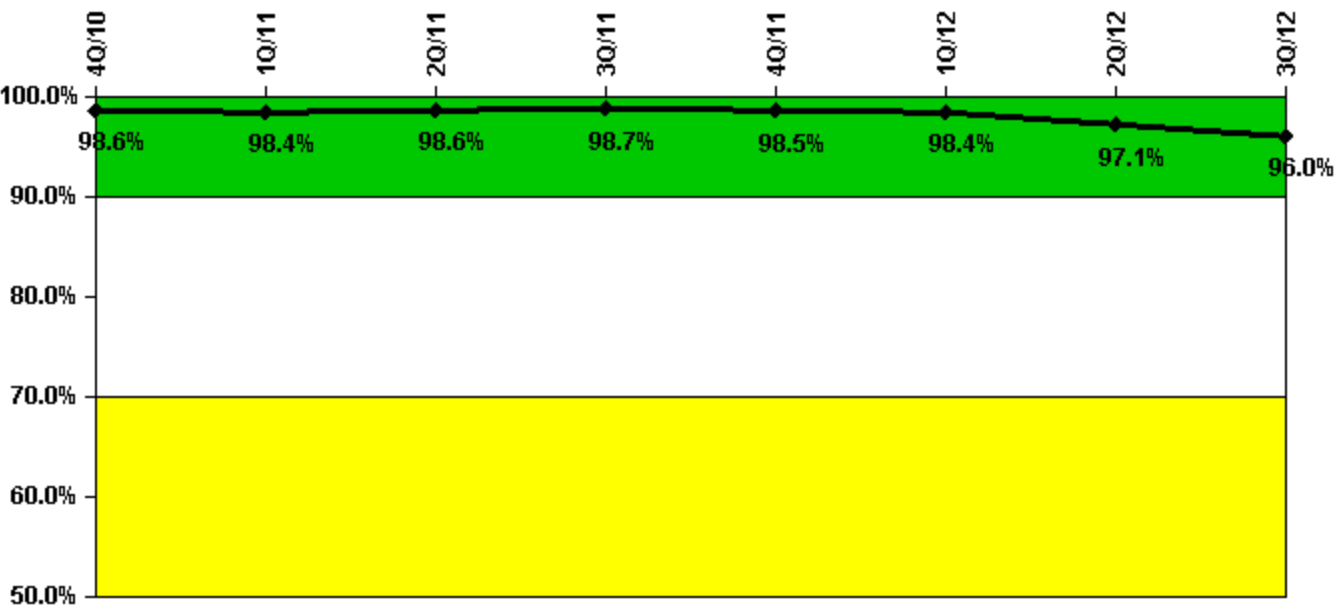
Thresholds: White > 50.0 Yellow > 100.0

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	0.020	0.012	0.007	N/A	N/A	N/A	N/A	0.070	0.002	0.001	0.050	0.002
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.1	0.1	N/A	N/A	N/A	N/A	0.7	0	0	0.5	0
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	0	0.001	0.004	0	0.013	0	0.002	0.001	0	0.004	0.005	N/A
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0	0	0	0.1	0	0	0	0	0	0.1	N/A

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

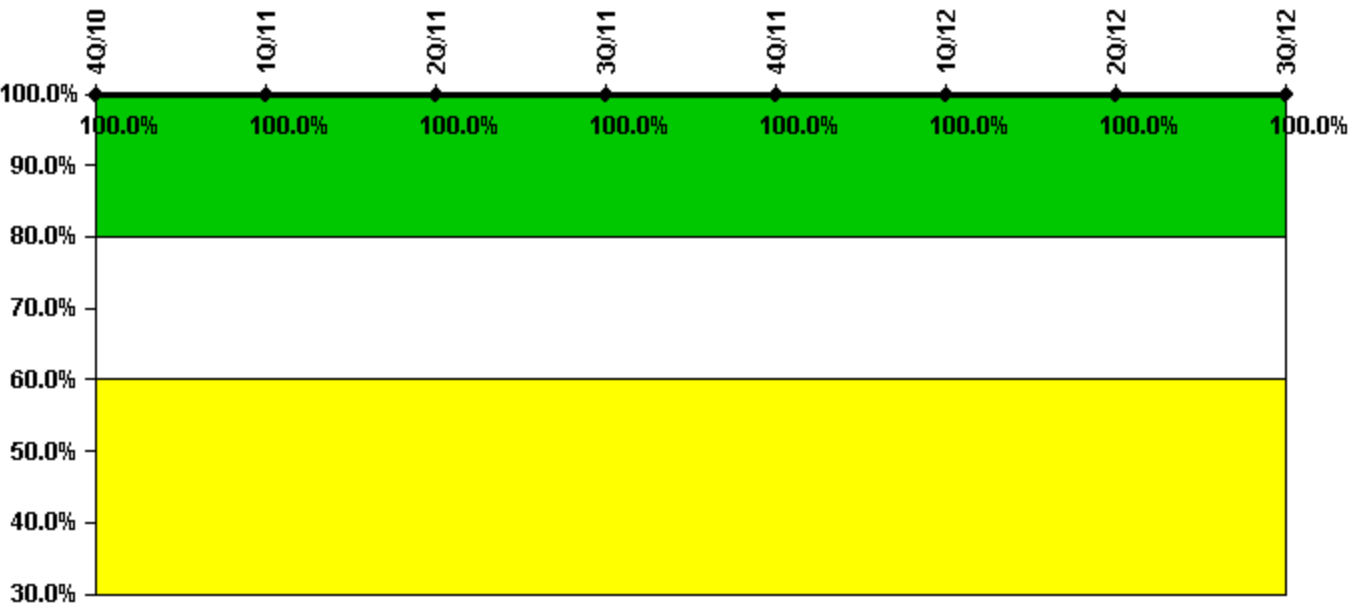
Notes

Drill/Exercise Performance	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Successful opportunities	52.0	0	69.0	92.0	9.0	0	69.0	49.0
Total opportunities	52.0	0	69.0	94.0	10.0	0	75.0	54.0
Indicator value	98.6%	98.4%	98.6%	98.7%	98.5%	98.4%	97.1%	96.0%

Licensee Comments:

3Q/11: Correction made for 3Q/2011 Successful/Total Drill Exercise & Event Opportunities

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

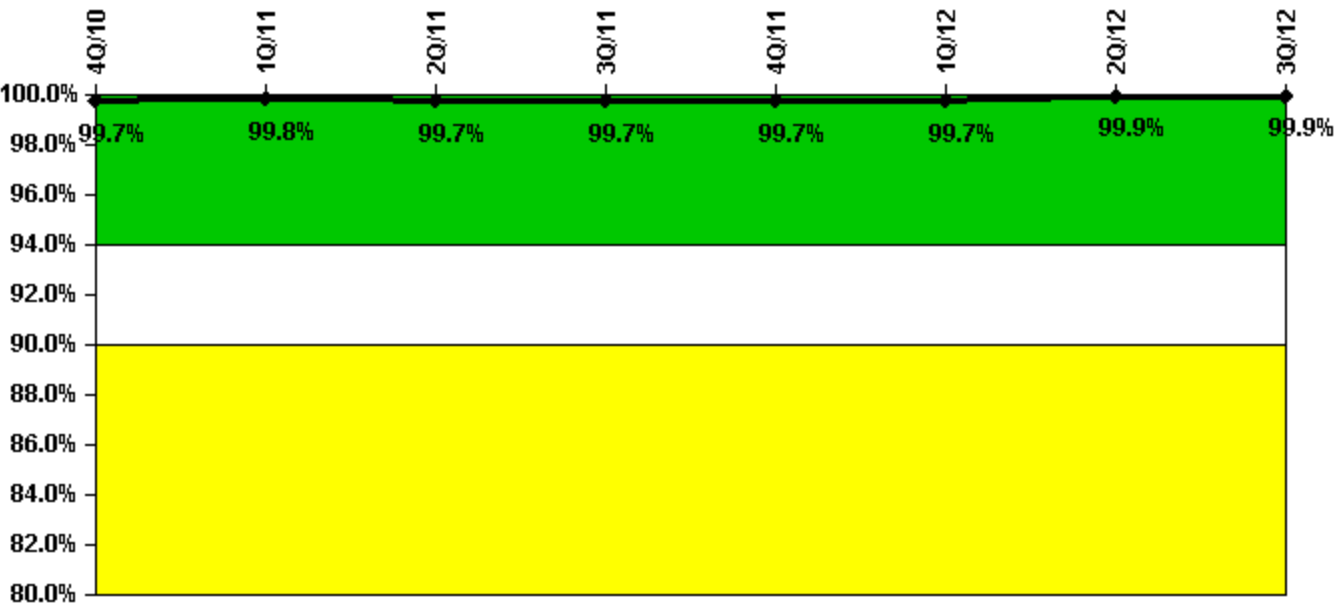
Notes

ERO Drill Participation	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Participating Key personnel	85.0	83.0	88.0	105.0	95.0	93.0	94.0	93.0
Total Key personnel	85.0	83.0	88.0	105.0	95.0	93.0	94.0	93.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments:

4Q/10: 4Q/2010 data corrected from 86/86 to 85/85.

Alert & Notification System



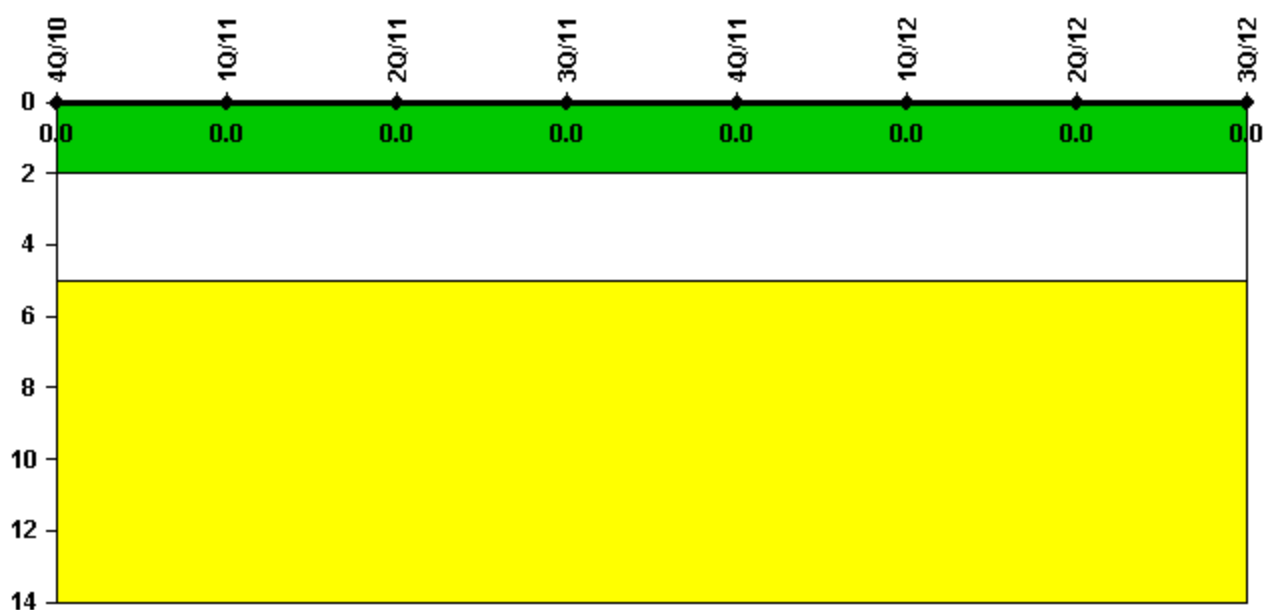
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Successful siren-tests	718	630	715	629	719	628	720	630
Total sirens-tests	720	630	720	630	720	630	720	630
Indicator value	99.7%	99.8%	99.7%	99.7%	99.7%	99.7%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



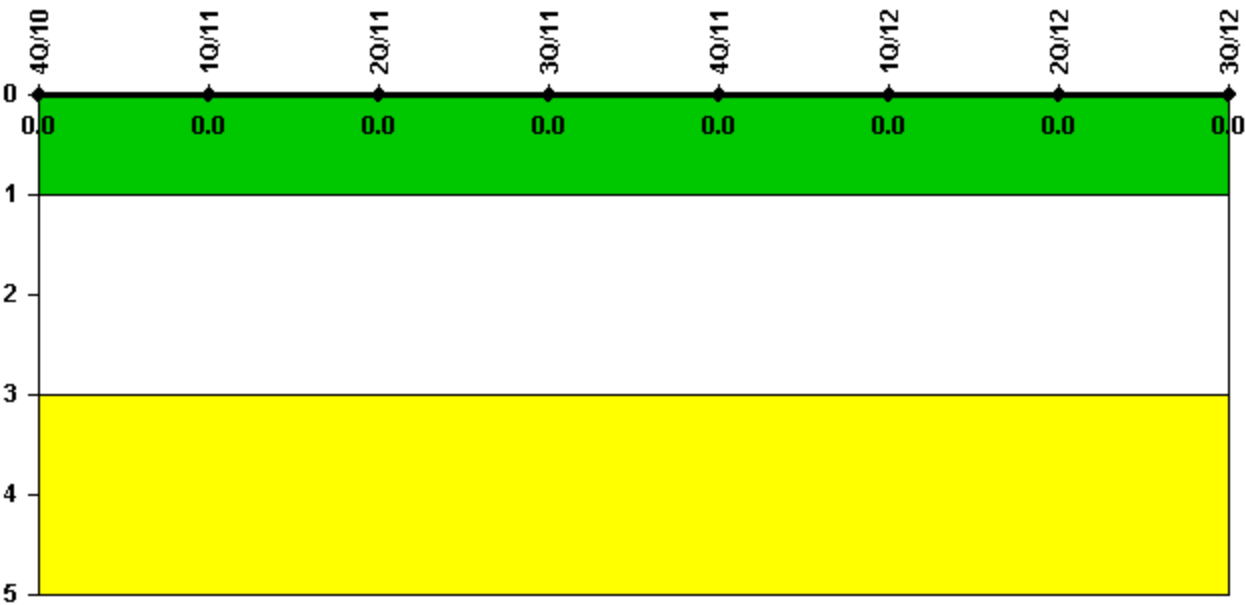
Thresholds: White > 2.0 Yellow > 5.0

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](#)

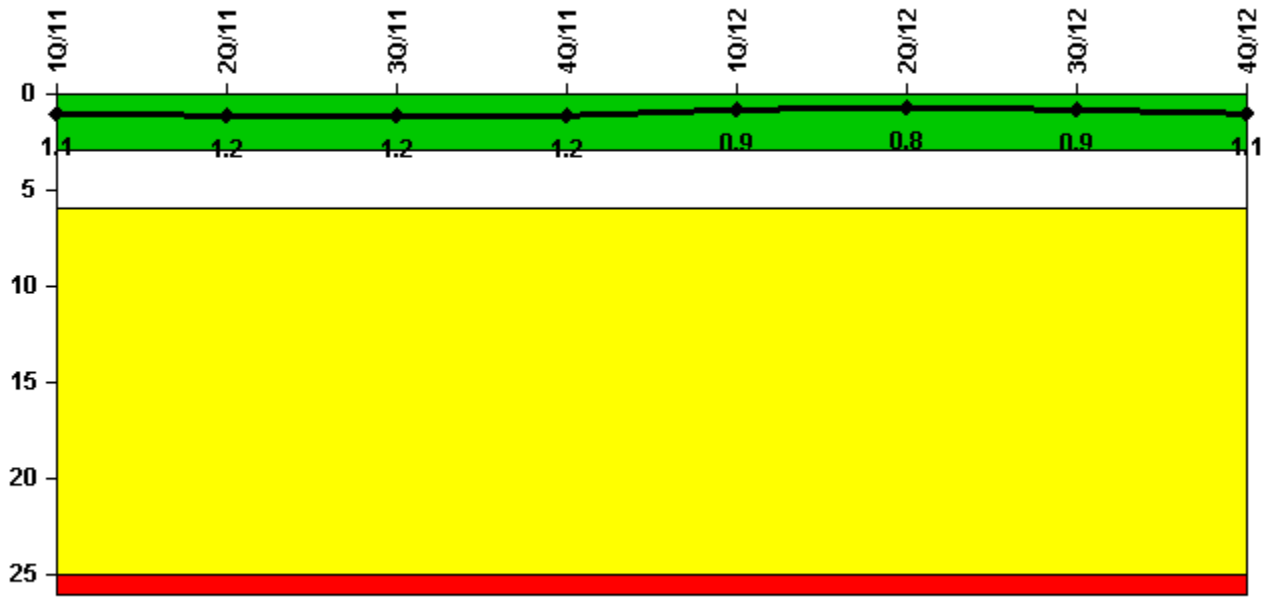
Last Modified: October 24, 2012

Saint Lucie 2

4Q/2012 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



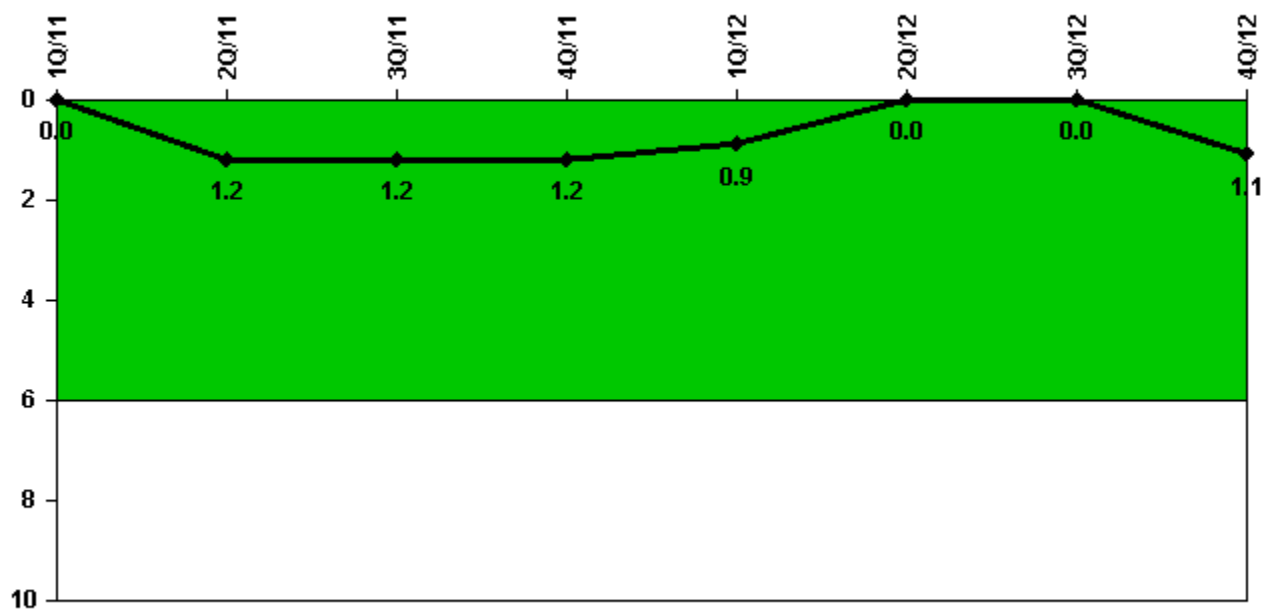
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Unplanned scrams	0	1.0	0	0	0	1.0	0	0
Critical hours	41.0	1329.1	2208.0	2209.0	2183.0	2146.2	857.1	1007.1
Indicator value	1.1	1.2	1.2	1.2	0.9	0.8	0.9	1.1

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



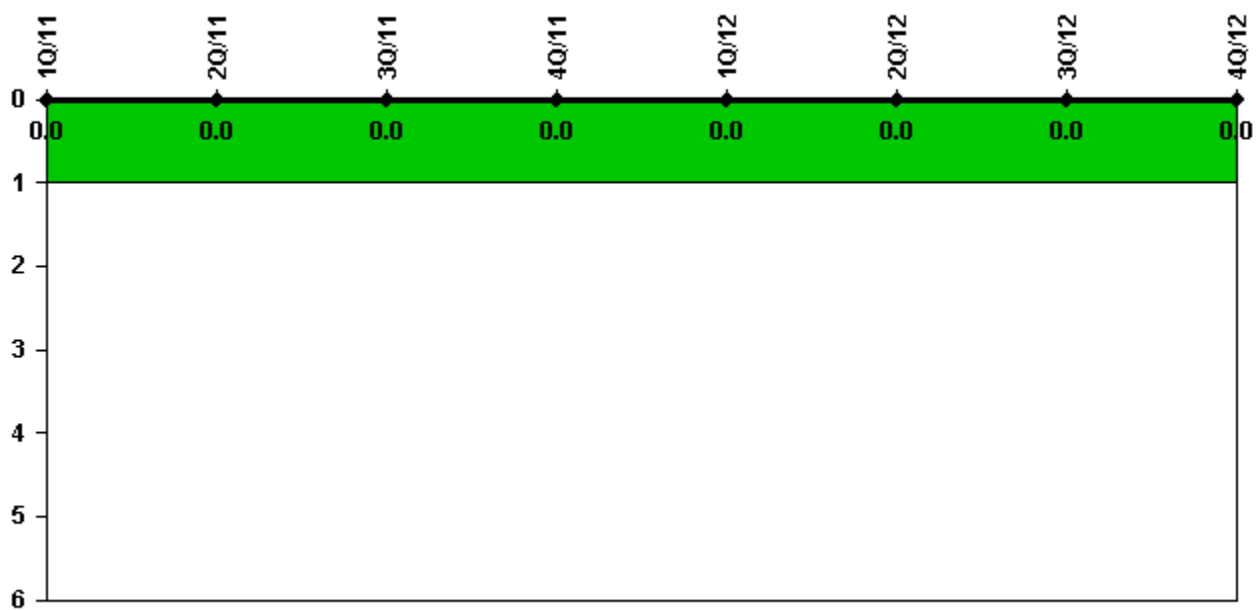
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Unplanned power changes	0	1.0	0	0	0	0	0	1.0
Critical hours	41.0	1329.1	2208.0	2209.0	2183.0	2146.2	857.1	1007.1
Indicator value	0	1.2	1.2	1.2	0.9	0	0	1.1

Licensee Comments: none

Unplanned Scrams with Complications



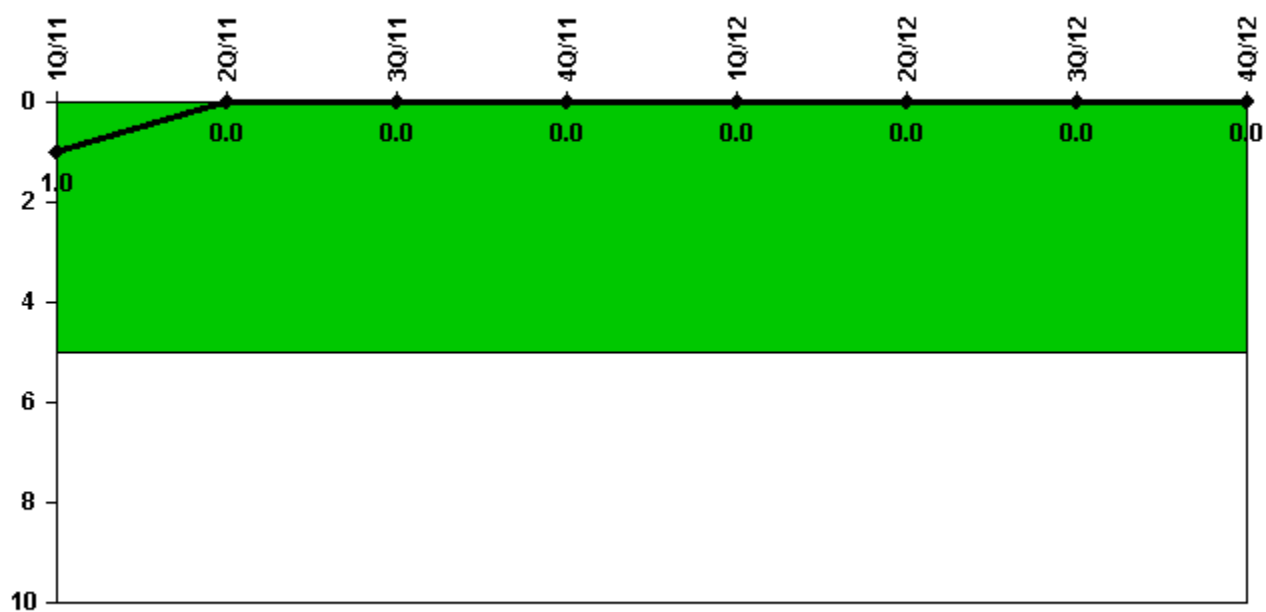
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/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 (PWR)



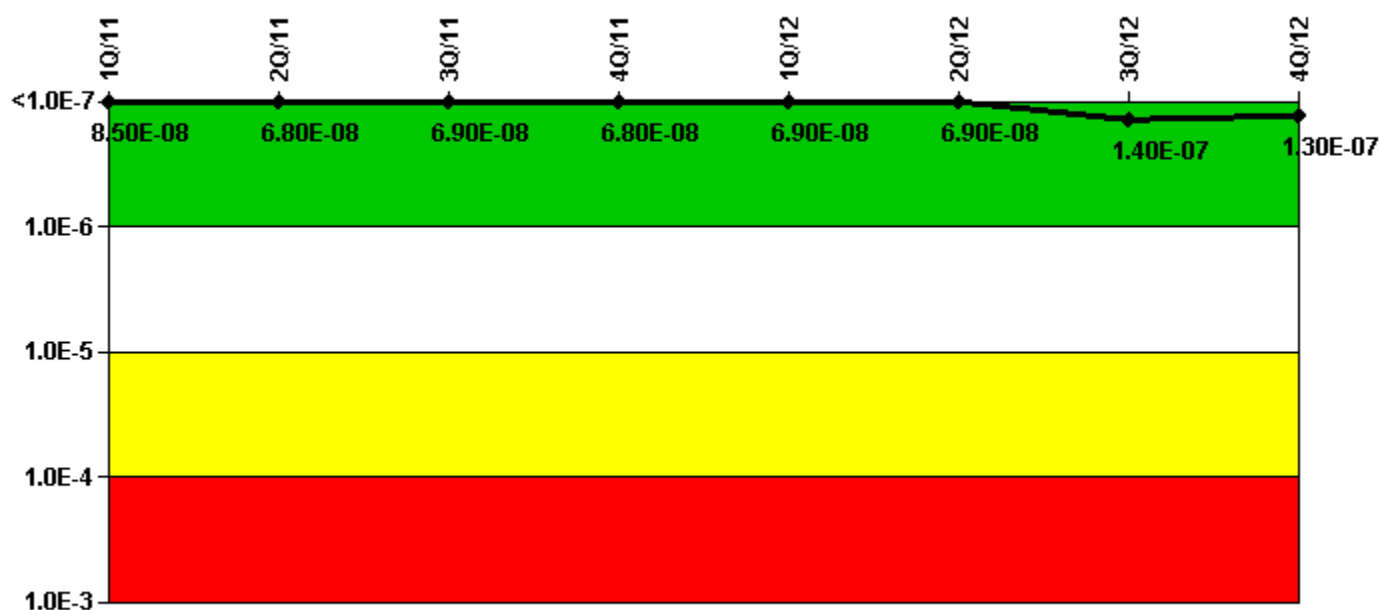
Thresholds: White > 5.0

Notes

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

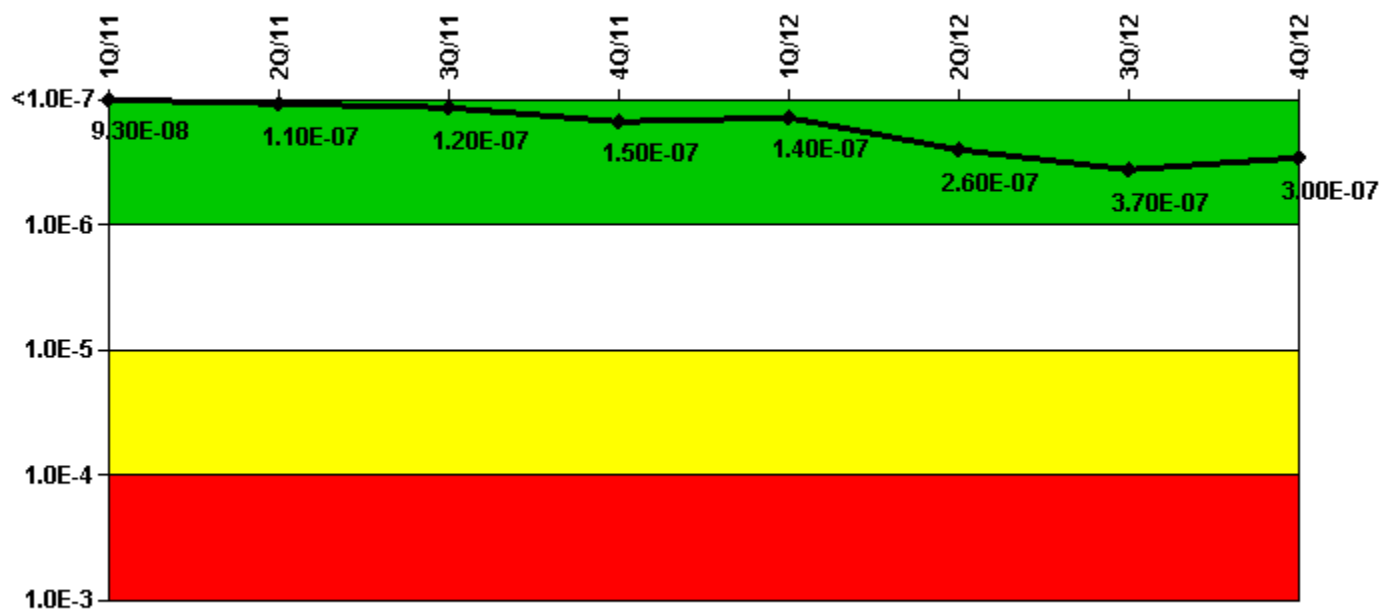
Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (Δ CDF)	2.17E-08	1.63E-08	1.69E-08	1.67E-08	1.62E-08	1.52E-08	5.15E-08	5.60E-08
URI (Δ CDF)	6.34E-08	5.17E-08	5.17E-08	5.17E-08	5.26E-08	5.35E-08	9.22E-08	7.37E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	8.50E-08	6.80E-08	6.90E-08	6.80E-08	6.90E-08	6.90E-08	1.40E-07	1.30E-07

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, High Pressure Injection System



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

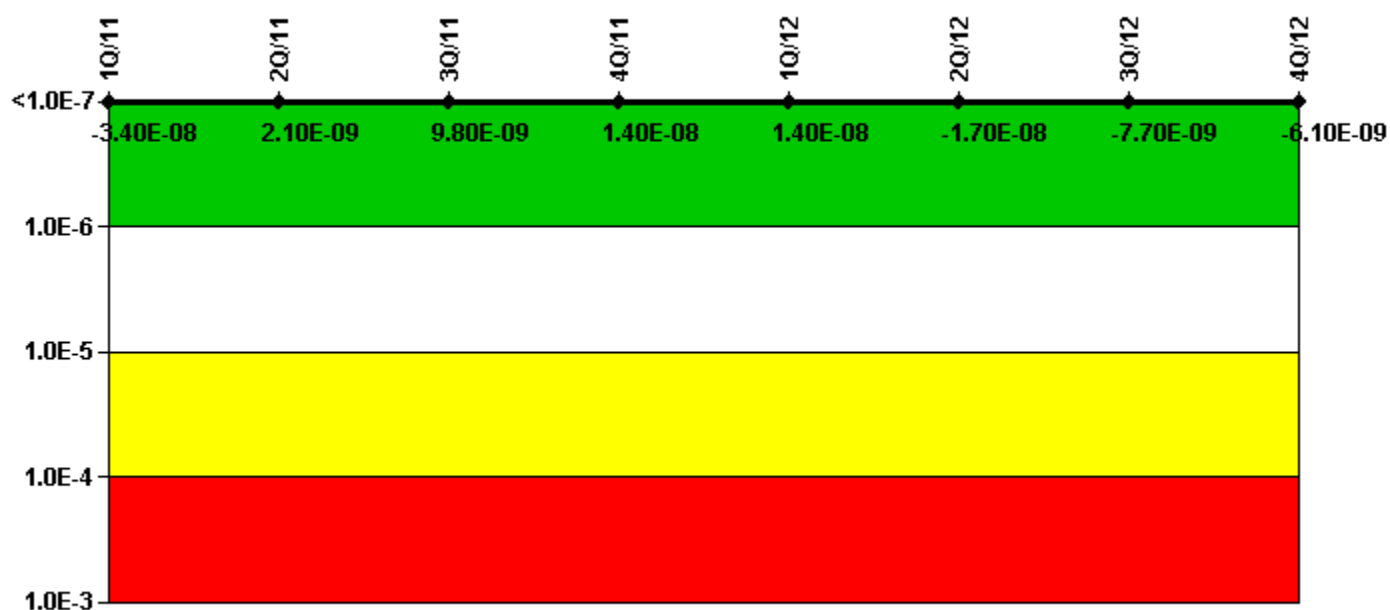
Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (Δ CDF)	2.65E-07	2.86E-07	2.89E-07	3.26E-07	3.11E-07	4.29E-07	6.56E-07	5.80E-07
URI (Δ CDF)	-1.72E-07	-1.72E-07	-1.72E-07	-1.72E-07	-1.72E-07	-1.72E-07	-2.84E-07	-2.84E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	9.30E-08	1.10E-07	1.20E-07	1.50E-07	1.40E-07	2.60E-07	3.70E-07	3.00E-07

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



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

Notes

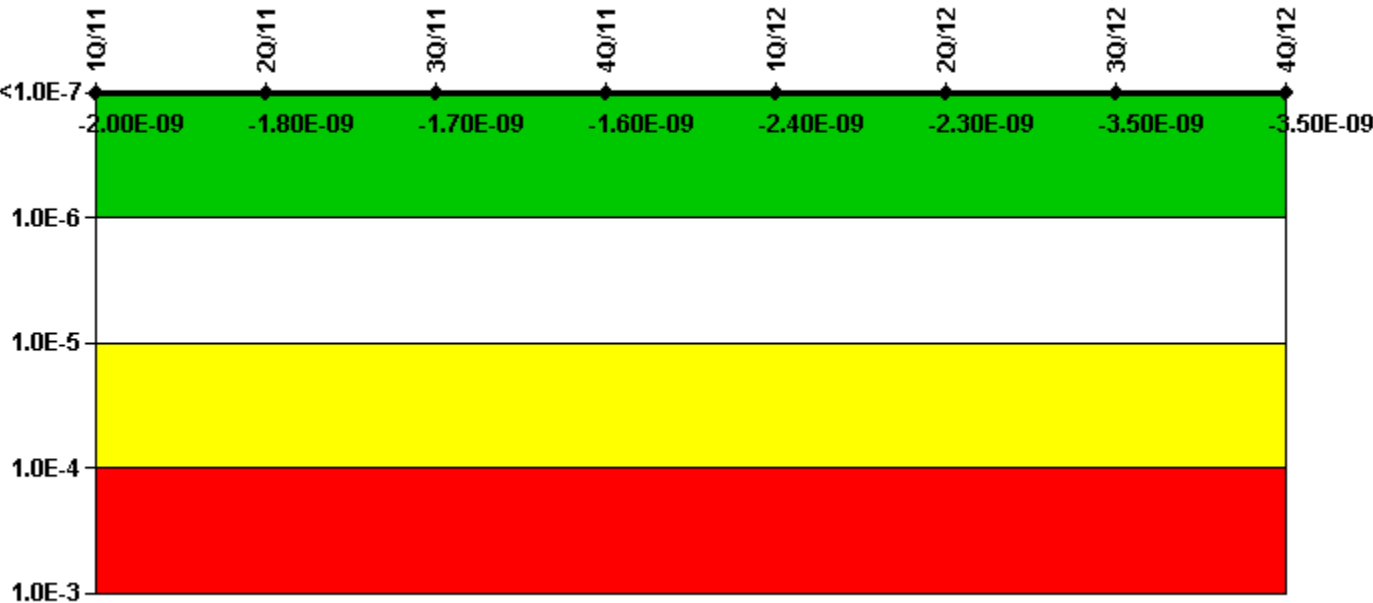
Mitigating Systems Performance Index, Heat Removal System	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (Δ CDF)	-3.84E-10	1.72E-08	2.49E-08	2.91E-08	2.90E-08	1.84E-08	2.04E-08	2.19E-08
URI (Δ CDF)	-3.40E-08	-1.51E-08	-1.51E-08	-1.51E-08	-1.51E-08	-3.49E-08	-2.80E-08	-2.80E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.40E-08	2.10E-09	9.80E-09	1.40E-08	1.40E-08	-1.70E-08	-7.70E-09	-6.10E-09

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

2Q/11: ESF non-test demands and run-hours changed to reflect the automatic AFW actuation that occurred during the June 6, 2011 reactor trip.

Mitigating Systems Performance Index, Residual Heat Removal System



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

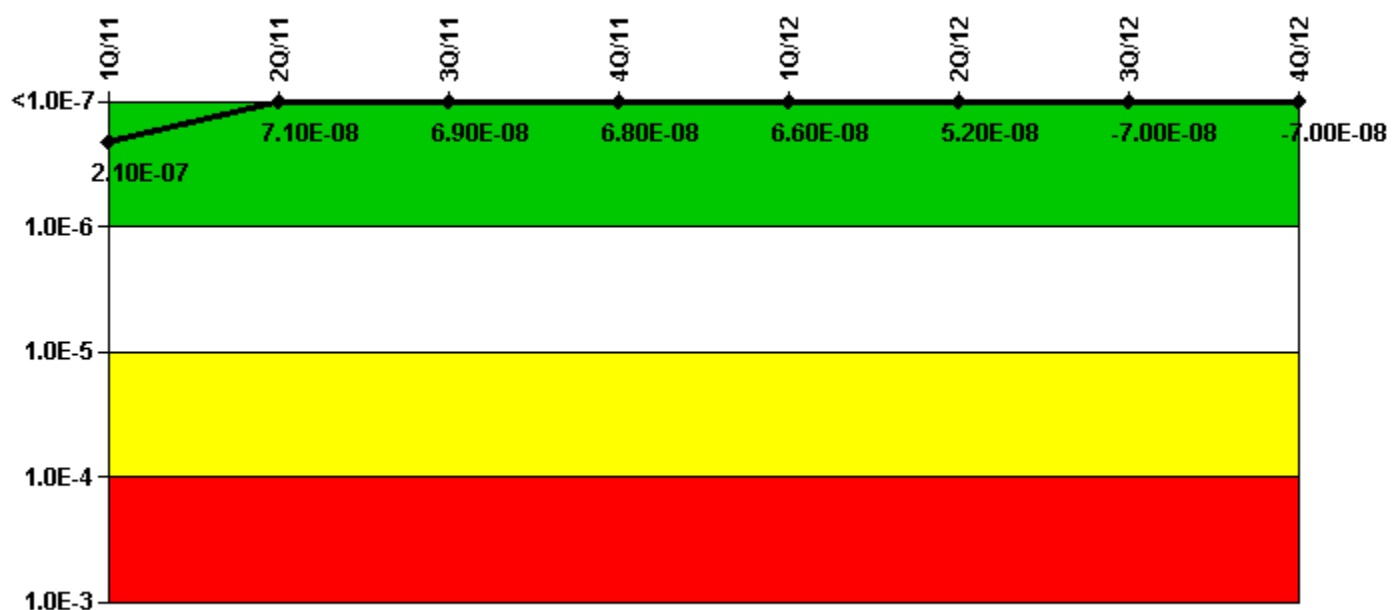
Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (ΔCDF)	1.96E-10	3.94E-10	4.29E-10	5.16E-10	-2.12E-10	-1.10E-10	-2.81E-10	-2.58E-10
URI (ΔCDF)	-2.16E-09	-2.16E-09	-2.16E-09	-2.16E-09	-2.16E-09	-2.16E-09	-3.25E-09	-3.25E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.00E-09	-1.80E-09	-1.70E-09	-1.60E-09	-2.40E-09	-2.30E-09	-3.50E-09	-3.50E-09

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



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

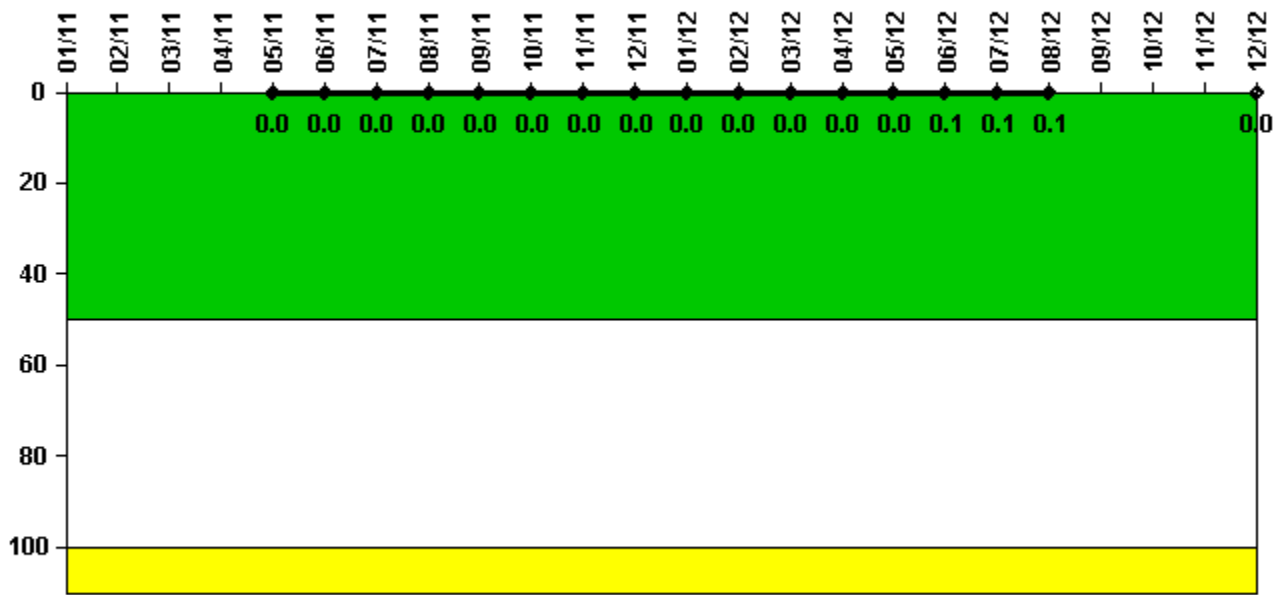
Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (Δ CDF)	2.21E-07	7.98E-08	7.79E-08	7.67E-08	7.44E-08	6.05E-08	-6.11E-08	-6.08E-08
URI (Δ CDF)	-8.37E-09	-8.37E-09	-8.37E-09	-8.37E-09	-8.37E-09	-8.37E-09	-8.83E-09	-8.83E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.10E-07	7.10E-08	6.90E-08	6.80E-08	6.60E-08	5.20E-08	-7.00E-08	-7.00E-08

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

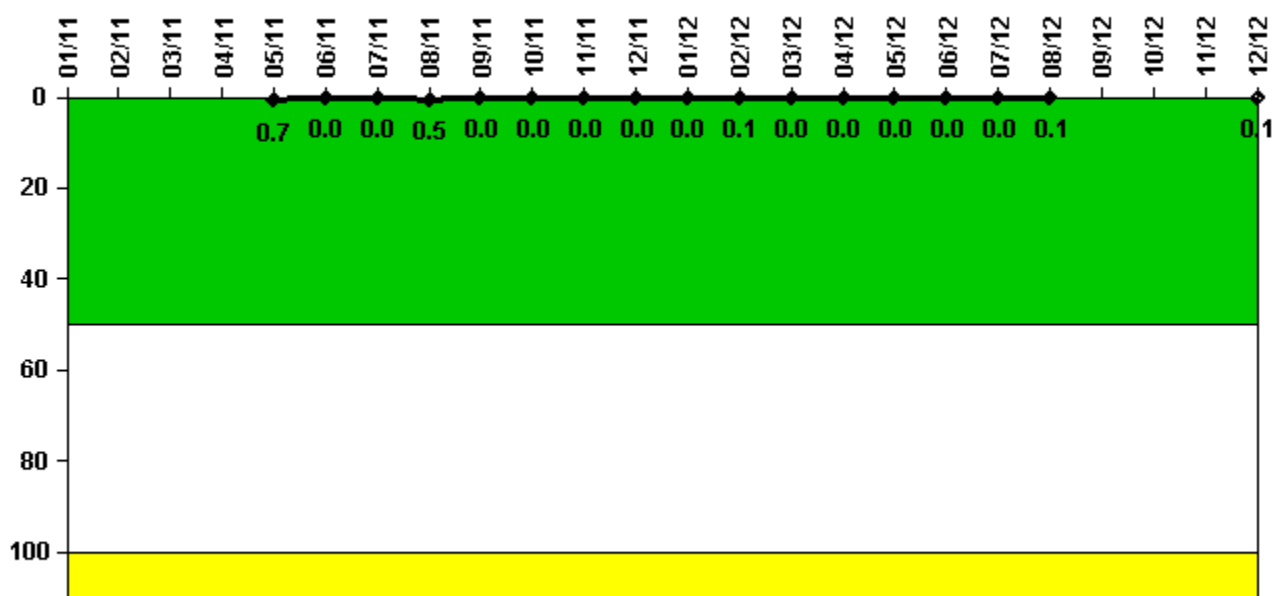
Notes

Reactor Coolant System Activity	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11
Maximum activity	N/A	N/A	N/A	N/A	0.000322	0.000357	0.000294	0.000274	0.000327	0.000366	0.000341	0.000408
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	N/A	N/A	N/A	N/A	0	0	0	0	0	0	0	0

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	0.000392	0.000367	0.000370	0.000420	0.000407	0.000650	0.000604	0.000836	N/A	N/A	N/A	0.000269
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0.1	0.1	0.1	N/A	N/A	N/A	0

Licensee Comments: none

Reactor Coolant System Leakage

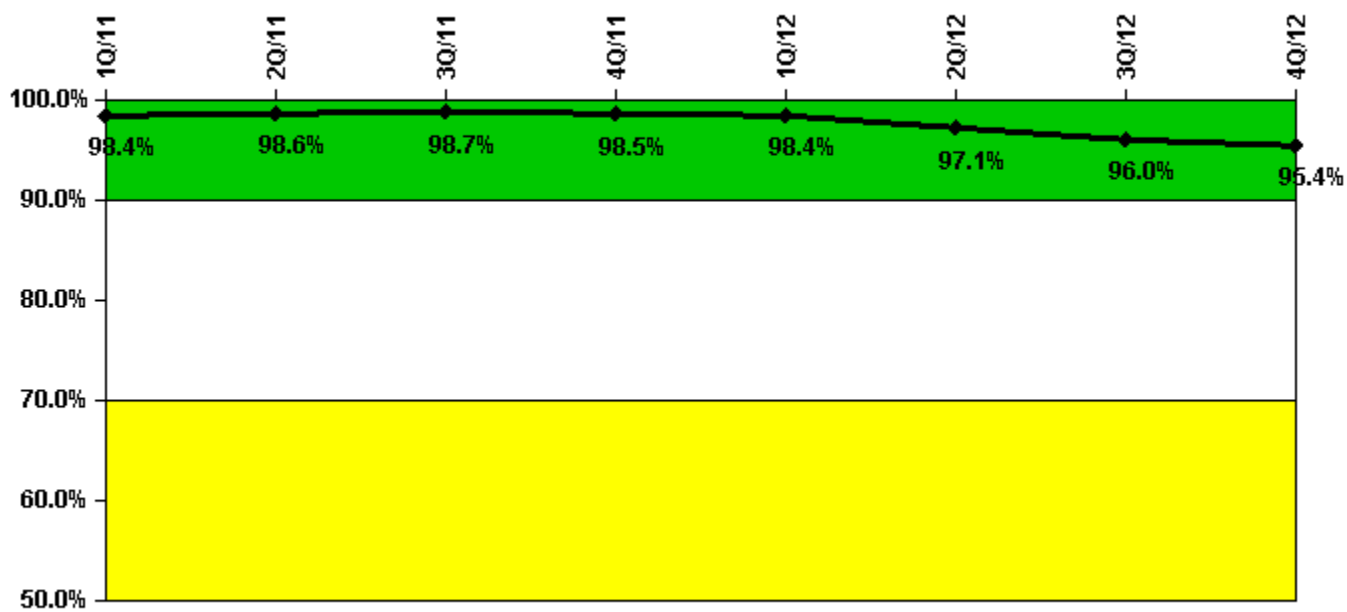


Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11
Maximum leakage	N/A	N/A	N/A	N/A	0.070	0.002	0.001	0.050	0.002	0	0.001	0.004
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	N/A	N/A	N/A	N/A	0.7	0	0	0.5	0	0	0	0
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	0	0.013	0	0.002	0.001	0	0.004	0.005	N/A	N/A	N/A	0.009
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0.1	0	0	0	0	0	0.1	N/A	N/A	N/A	0.1

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

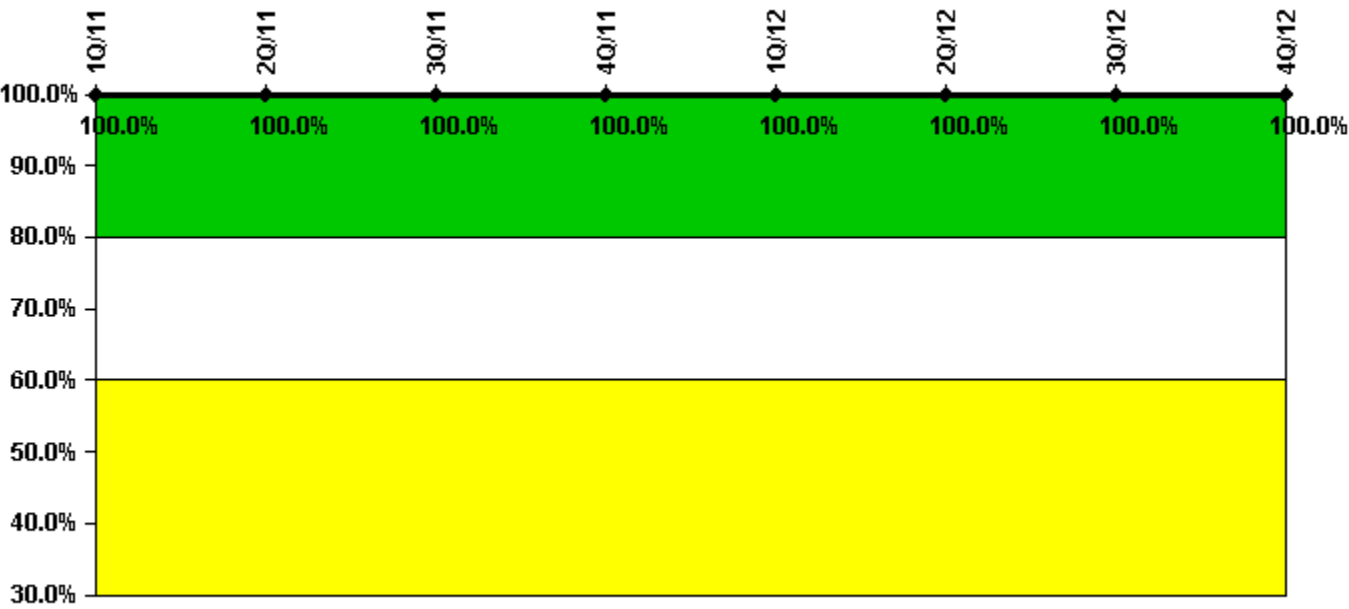
Notes

Drill/Exercise Performance	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Successful opportunities	0	69.0	92.0	9.0	0	69.0	49.0	0
Total opportunities	0	69.0	94.0	10.0	0	75.0	54.0	0
Indicator value	98.4%	98.6%	98.7%	98.5%	98.4%	97.1%	96.0%	95.4%

Licensee Comments:

3Q/11: Correction made for 3Q/2011 Successful/Total Drill Exercise & Event Opportunities

ERO Drill Participation



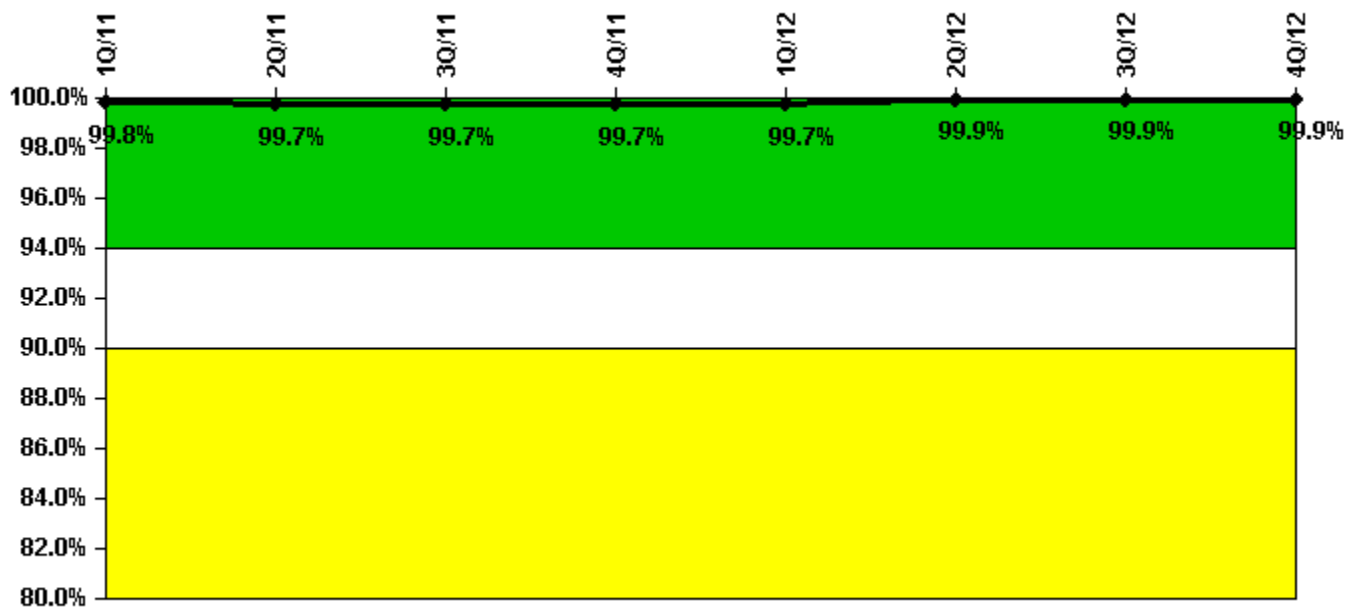
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Participating Key personnel	83.0	88.0	105.0	95.0	93.0	94.0	93.0	93.0
Total Key personnel	83.0	88.0	105.0	95.0	93.0	94.0	93.0	93.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



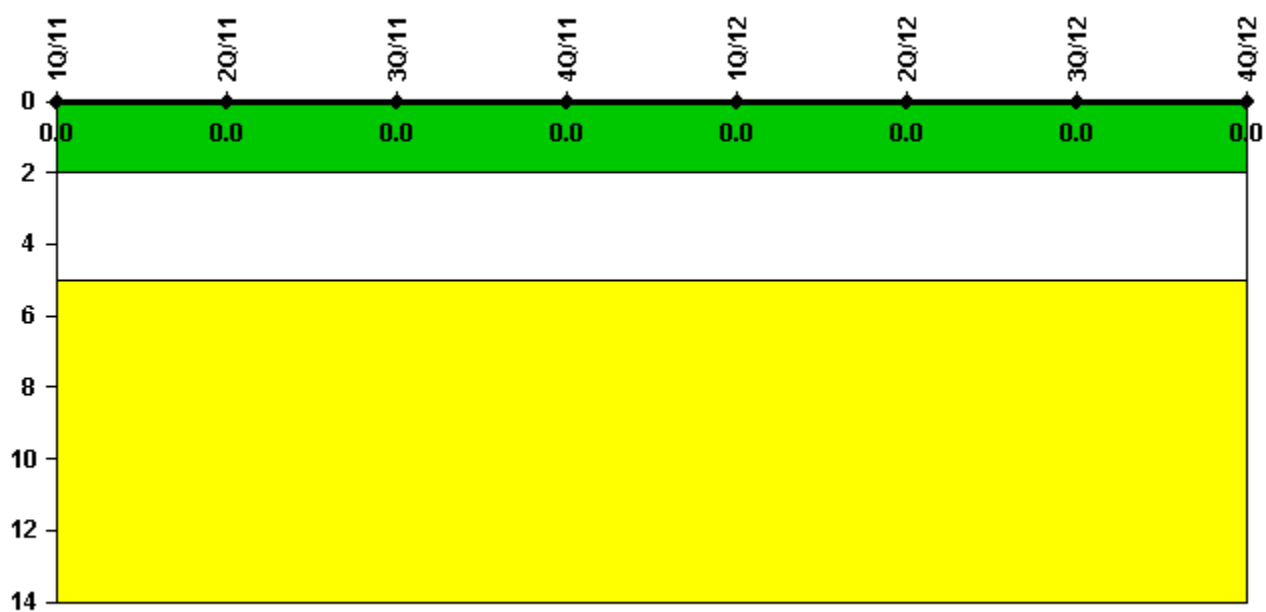
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Successful siren-tests	630	715	629	719	628	720	630	720
Total sirens-tests	630	720	630	720	630	720	630	720
Indicator value	99.8%	99.7%	99.7%	99.7%	99.7%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness

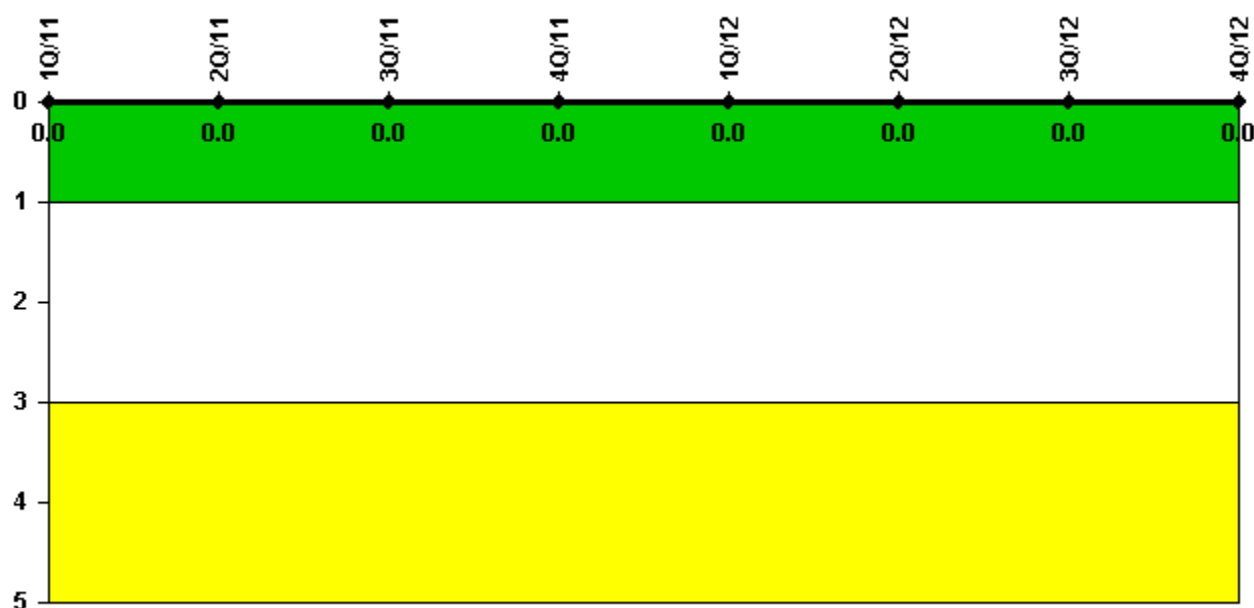


Thresholds: White > 2.0 Yellow > 5.0

Notes

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

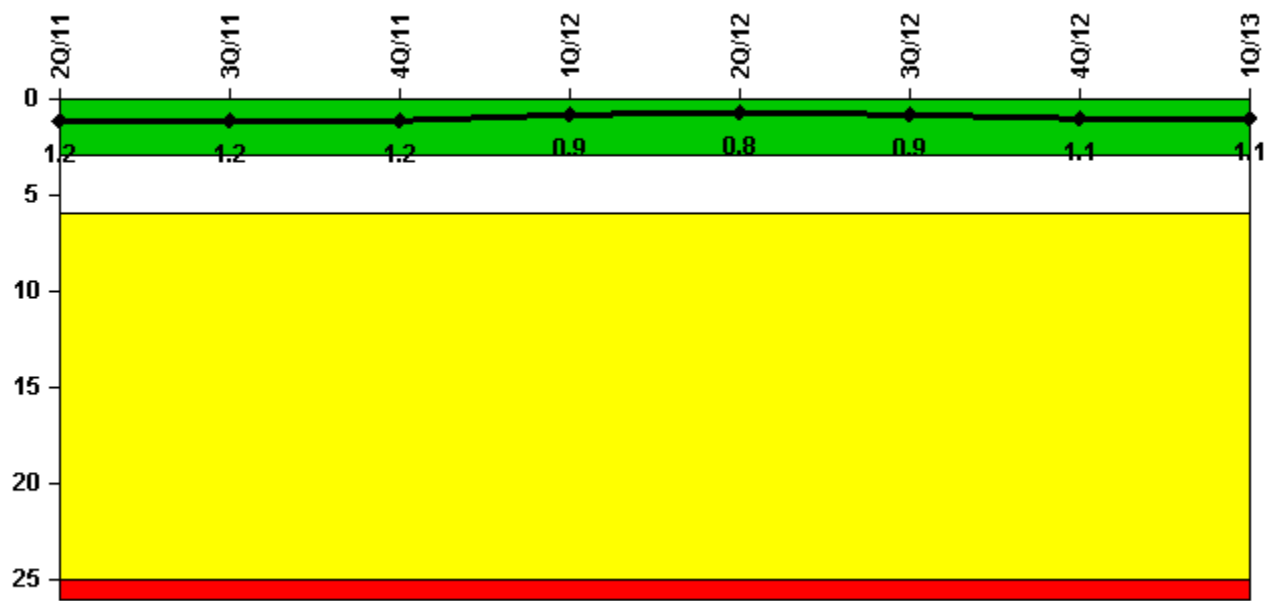
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Saint Lucie 2

1Q/2013 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



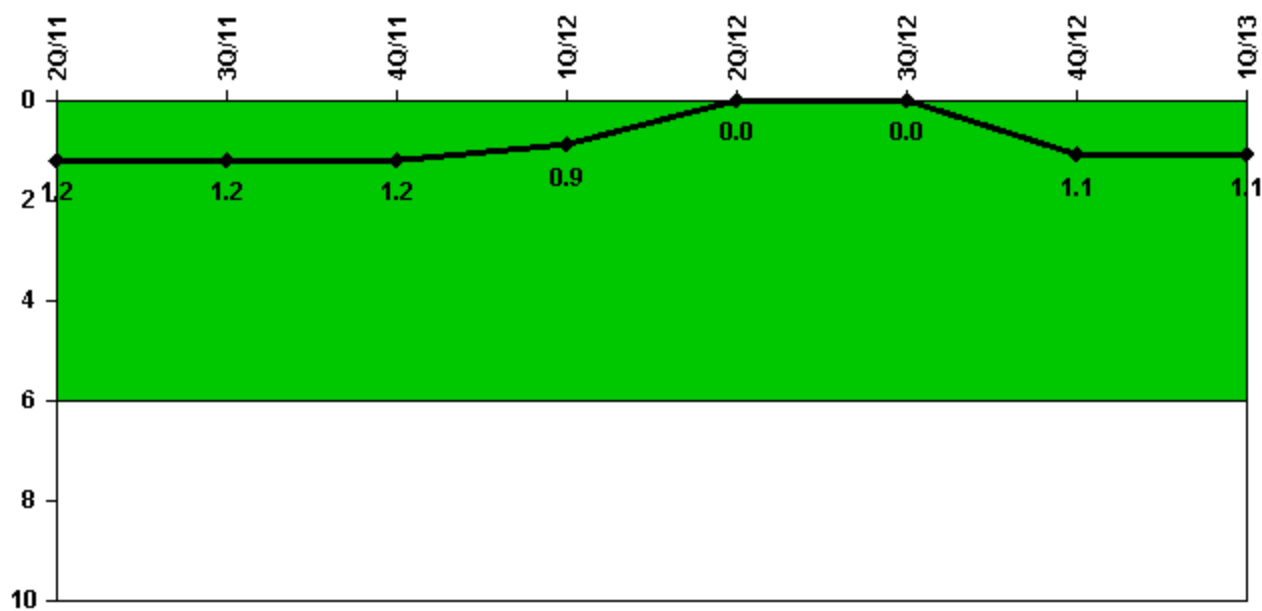
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Unplanned scrams	1.0	0	0	0	1.0	0	0	0
Critical hours	1329.1	2208.0	2209.0	2183.0	2146.2	857.1	1007.1	2159.0
Indicator value	1.2	1.2	1.2	0.9	0.8	0.9	1.1	1.1

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



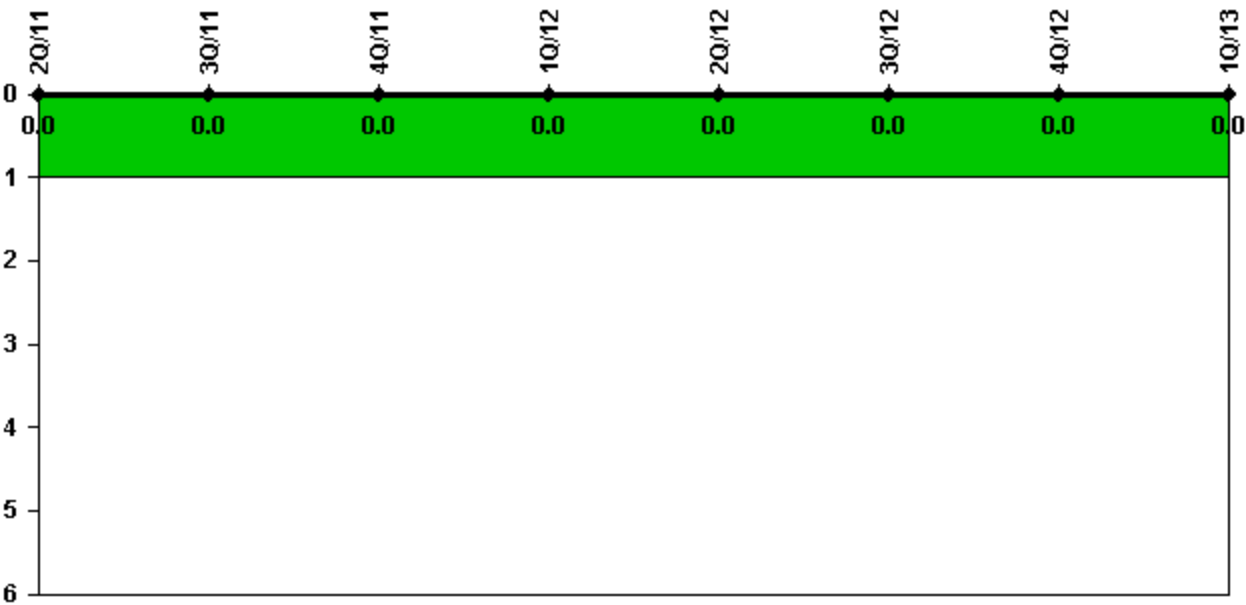
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Unplanned power changes	1.0	0	0	0	0	0	1.0	0
Critical hours	1329.1	2208.0	2209.0	2183.0	2146.2	857.1	1007.1	2159.0
Indicator value	1.2	1.2	1.2	0.9	0	0	1.1	1.1

Licensee Comments: none

Unplanned Scrams with Complications



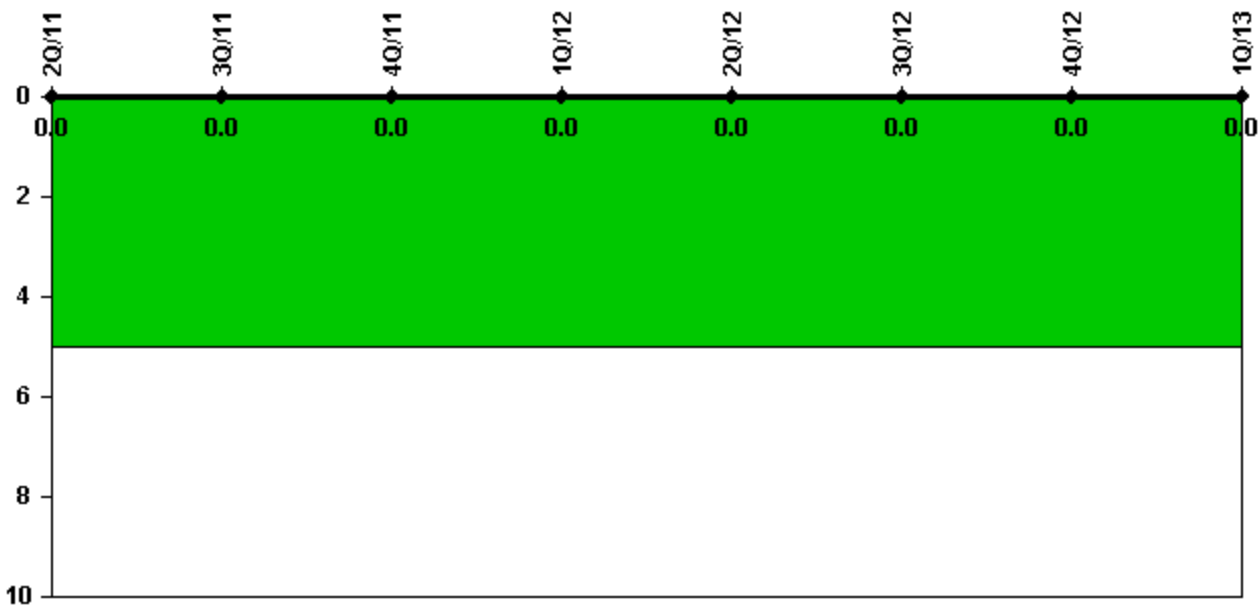
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
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 (PWR)



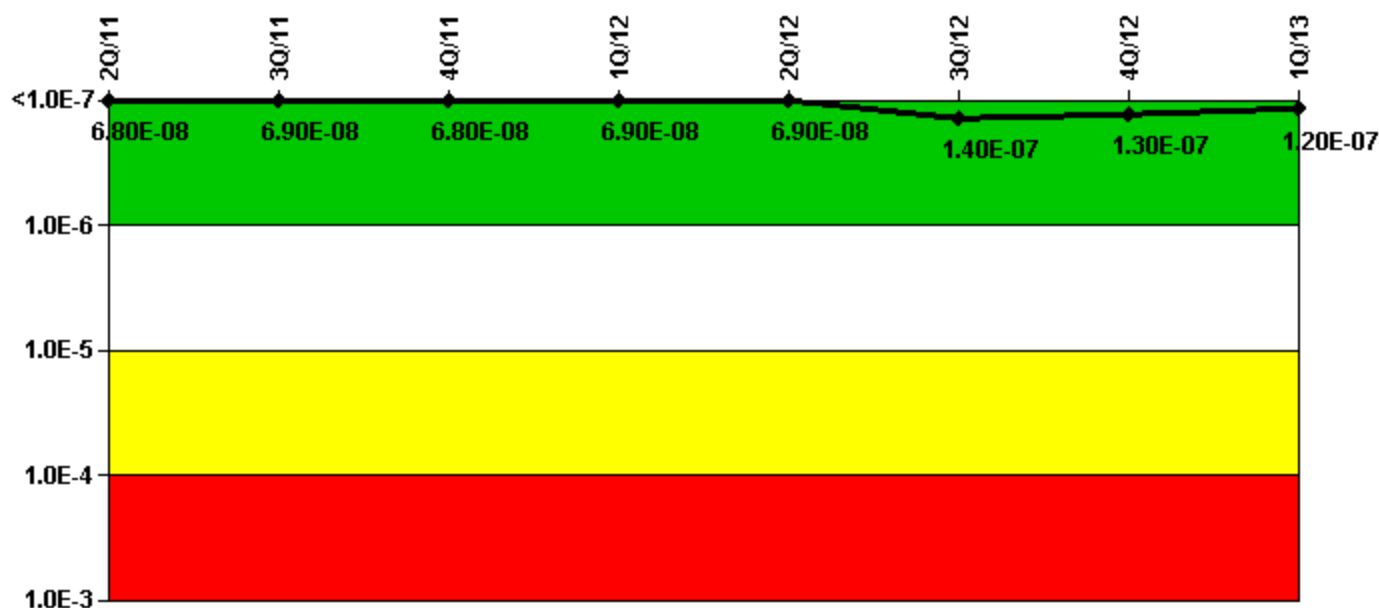
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	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

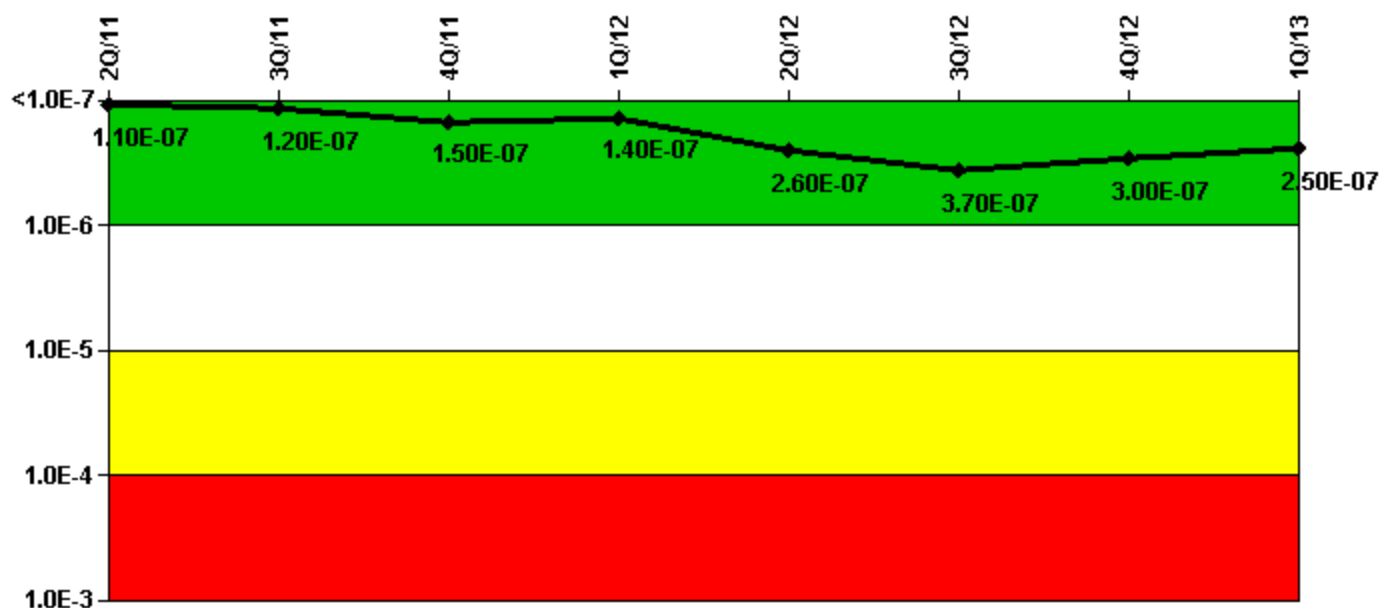
Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
UAI (Δ CDF)	1.63E-08	1.69E-08	1.67E-08	1.62E-08	1.52E-08	5.15E-08	5.60E-08	1.81E-08
URI (Δ CDF)	5.17E-08	5.17E-08	5.17E-08	5.26E-08	5.35E-08	9.22E-08	7.37E-08	1.03E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	6.80E-08	6.90E-08	6.80E-08	6.90E-08	6.90E-08	1.40E-07	1.30E-07	1.20E-07

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, High Pressure Injection System



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

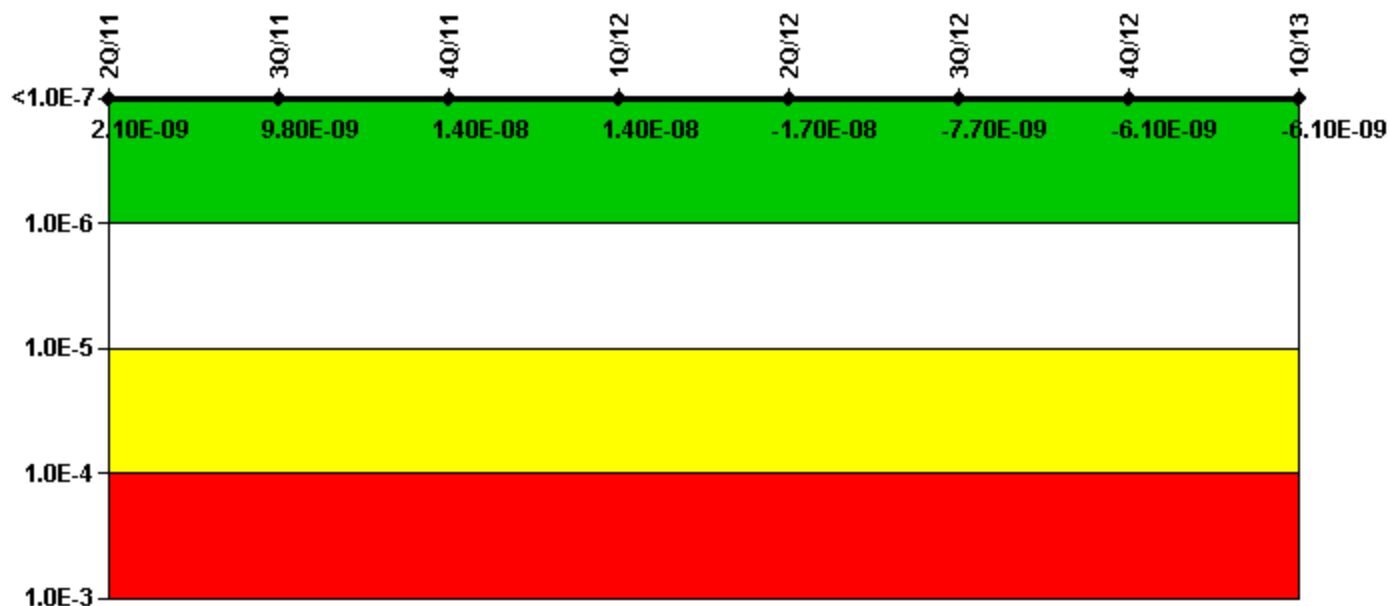
Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
UAI (Δ CDF)	2.86E-07	2.89E-07	3.26E-07	3.11E-07	4.29E-07	6.56E-07	5.80E-07	5.33E-07
URI (Δ CDF)	-1.72E-07	-1.72E-07	-1.72E-07	-1.72E-07	-1.72E-07	-2.84E-07	-2.84E-07	-2.84E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.10E-07	1.20E-07	1.50E-07	1.40E-07	2.60E-07	3.70E-07	3.00E-07	2.50E-07

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



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

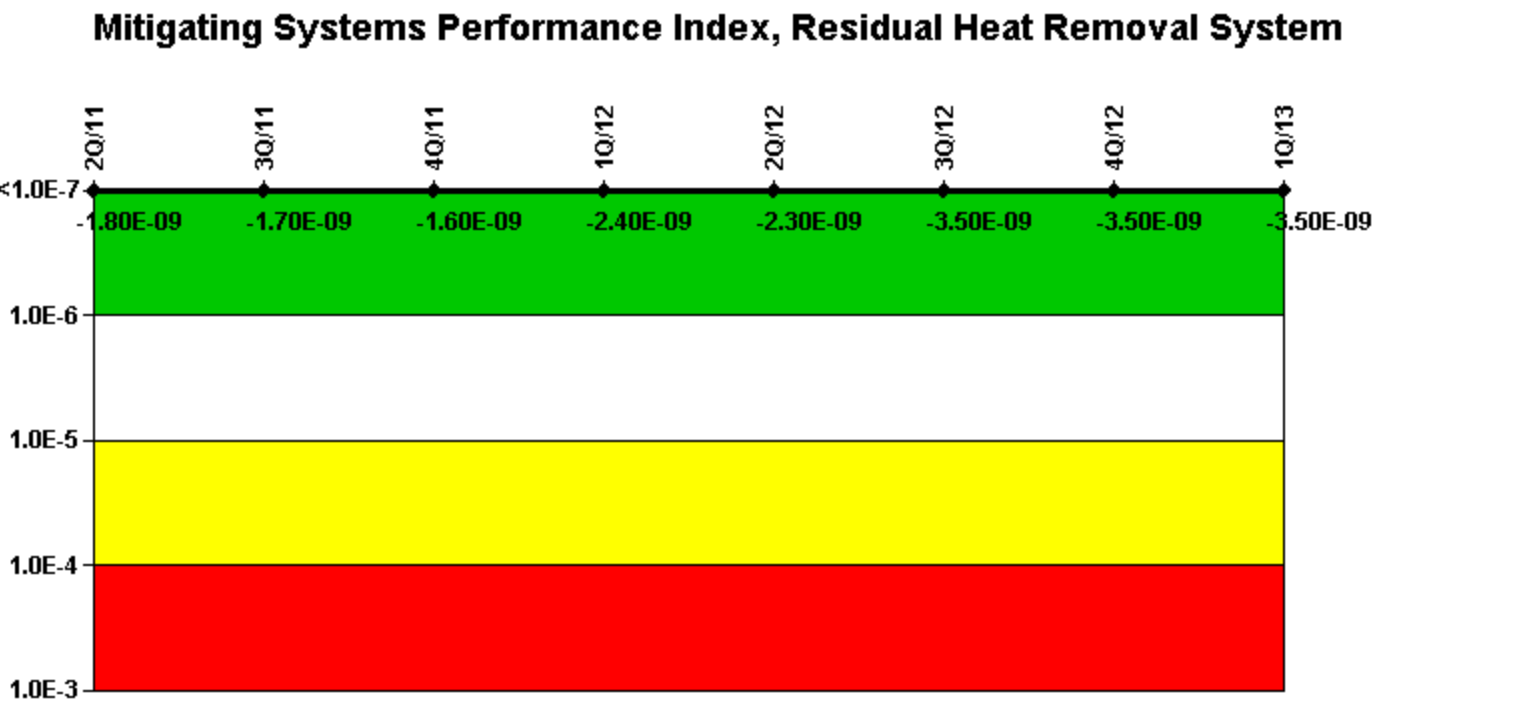
Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
UAI (Δ CDF)	1.72E-08	2.49E-08	2.91E-08	2.90E-08	1.84E-08	2.04E-08	2.19E-08	2.19E-08
URI (Δ CDF)	-1.51E-08	-1.51E-08	-1.51E-08	-1.51E-08	-3.49E-08	-2.80E-08	-2.80E-08	-2.80E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.10E-09	9.80E-09	1.40E-08	1.40E-08	-1.70E-08	-7.70E-09	-6.10E-09	-6.10E-09

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

2Q/11: ESF non-test demands and run-hours changed to reflect the automatic AFW actuation that occurred during the June 6, 2011 reactor trip.



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

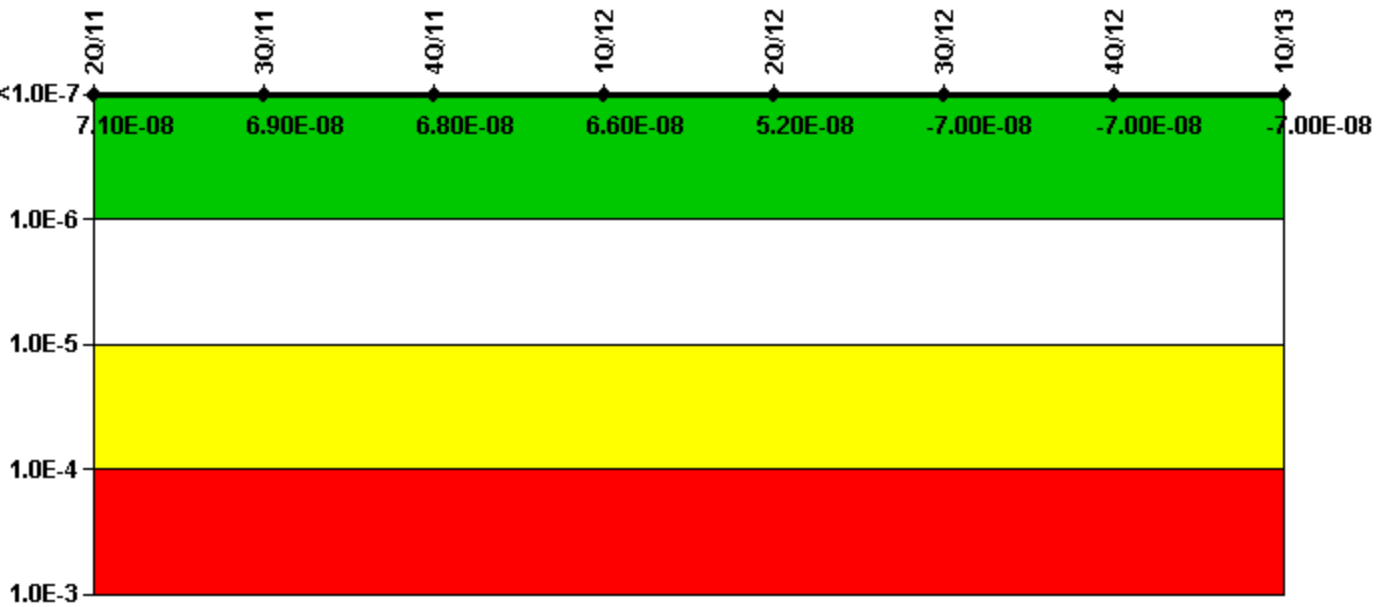
Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
UAI (ΔCDF)	3.94E-10	4.29E-10	5.16E-10	-2.12E-10	-1.10E-10	-2.81E-10	-2.58E-10	-2.95E-10
URI (ΔCDF)	-2.16E-09	-2.16E-09	-2.16E-09	-2.16E-09	-2.16E-09	-3.25E-09	-3.25E-09	-3.25E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.80E-09	-1.70E-09	-1.60E-09	-2.40E-09	-2.30E-09	-3.50E-09	-3.50E-09	-3.50E-09

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



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

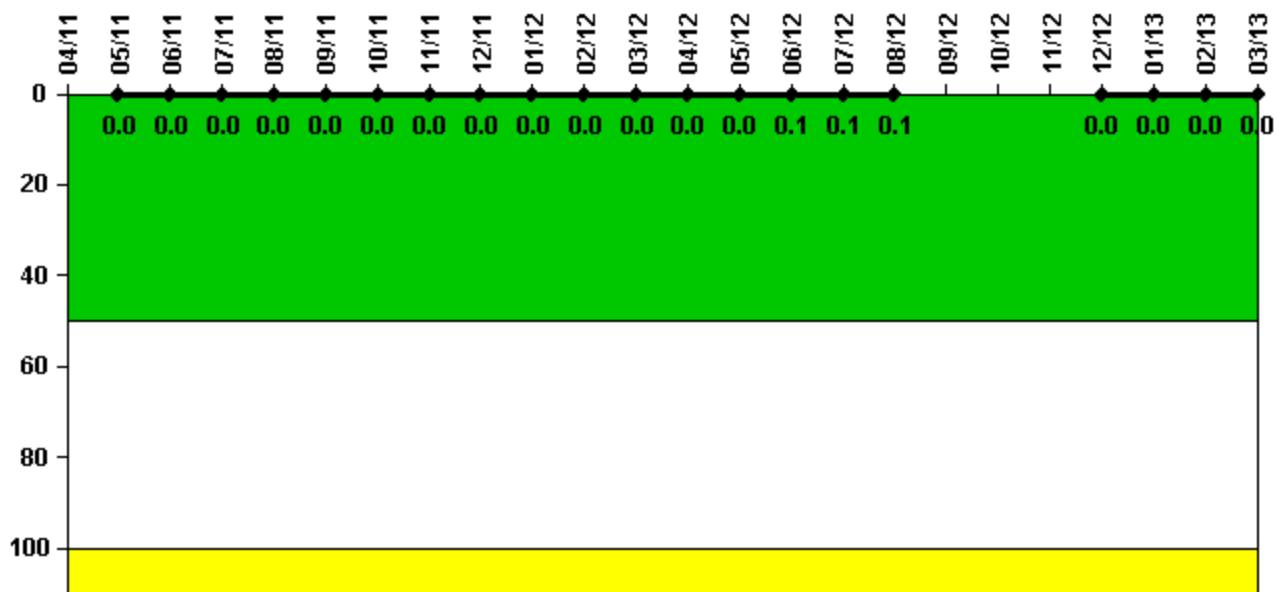
Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
UAI (ΔCDF)	7.98E-08	7.79E-08	7.67E-08	7.44E-08	6.05E-08	-6.11E-08	-6.08E-08	-6.08E-08
URI (ΔCDF)	-8.37E-09	-8.37E-09	-8.37E-09	-8.37E-09	-8.37E-09	-8.83E-09	-8.83E-09	-8.83E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	7.10E-08	6.90E-08	6.80E-08	6.60E-08	5.20E-08	-7.00E-08	-7.00E-08	-7.00E-08

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Reactor Coolant System Activity



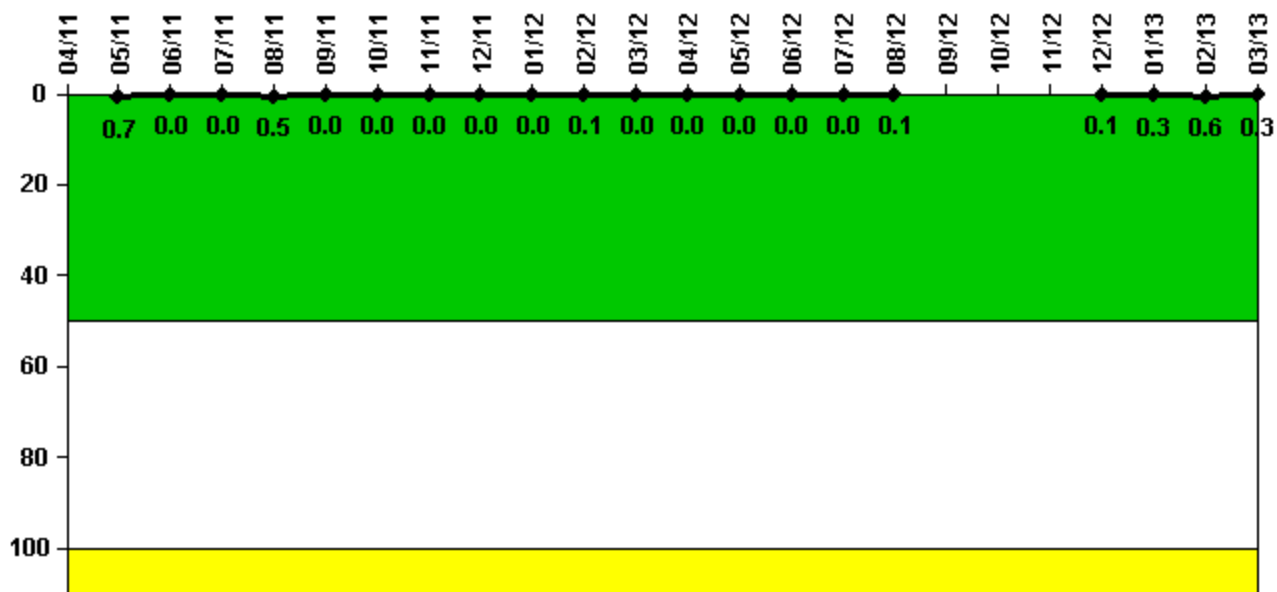
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12
Maximum activity	N/A	0.000322	0.000357	0.000294	0.000274	0.000327	0.000366	0.000341	0.000408	0.000392	0.000367	0.000370
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	N/A	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	12/12	1/13	2/13	3/13
Maximum activity	0.000420	0.000407	0.000650	0.000604	0.000836	N/A	N/A	N/A	0.000269	0.000282	0.000299	0.000304
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0.1	0.1	0.1	N/A	N/A	N/A	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



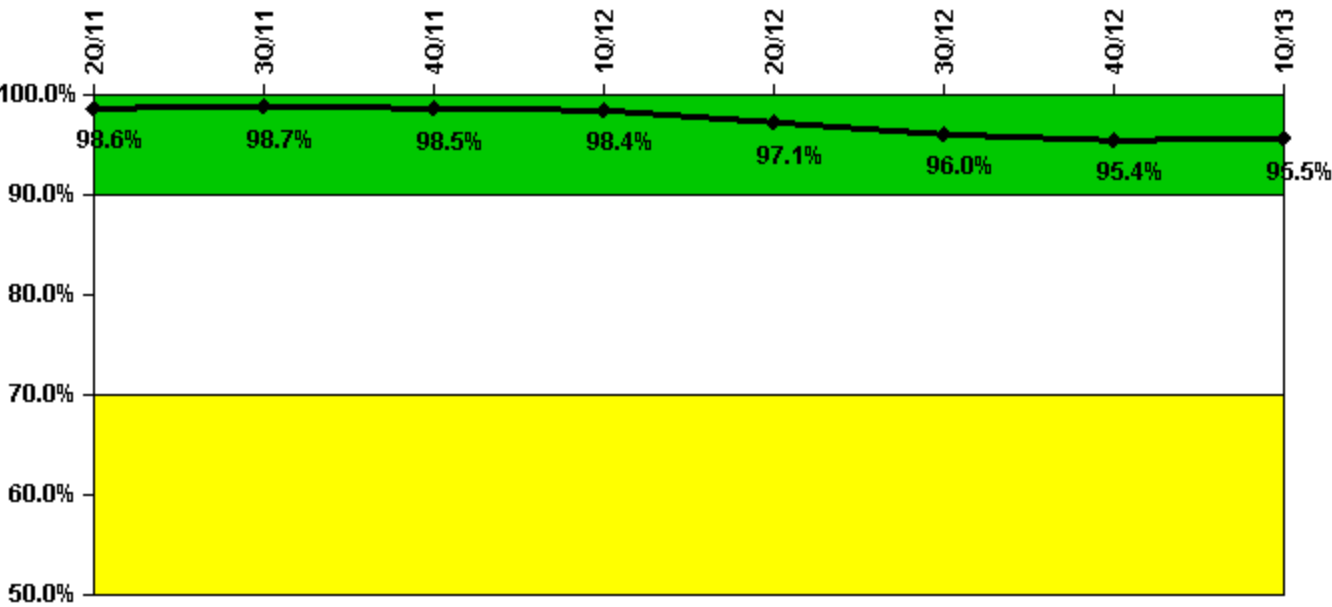
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12
Maximum leakage	N/A	0.070	0.002	0.001	0.050	0.002	0	0.001	0.004	0	0.013	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	N/A	0.7	0	0	0.5	0	0	0	0	0	0.1	0
Reactor Coolant System Leakage	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	12/12	1/13	2/13	3/13
Maximum leakage	0.002	0.001	0	0.004	0.005	N/A	N/A	N/A	0.009	0.030	0.060	0.027
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0	0	0	0.1	N/A	N/A	N/A	0.1	0.3	0.6	0.3

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

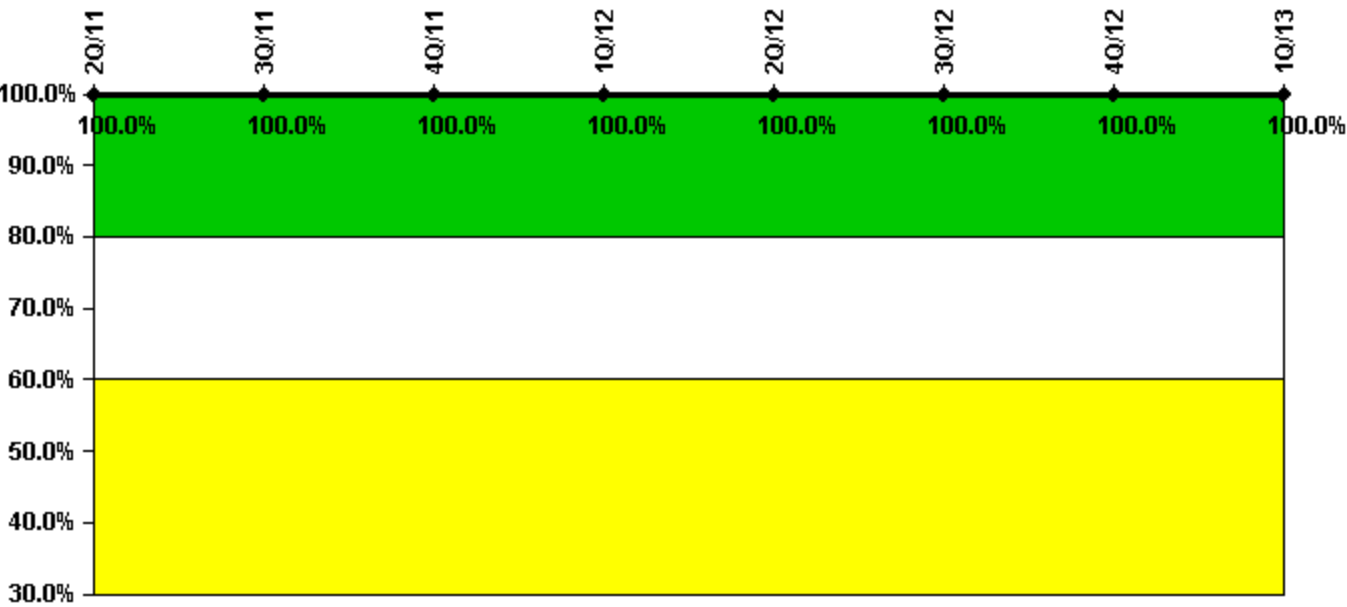
Notes

Drill/Exercise Performance	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Successful opportunities	69.0	92.0	9.0	0	69.0	49.0	0	95.0
Total opportunities	69.0	94.0	10.0	0	75.0	54.0	0	99.0
Indicator value	98.6%	98.7%	98.5%	98.4%	97.1%	96.0%	95.4%	95.5%

Licensee Comments:

3Q/11: Correction made for 3Q/2011 Successful/Total Drill Exercise & Event Opportunities

ERO Drill Participation



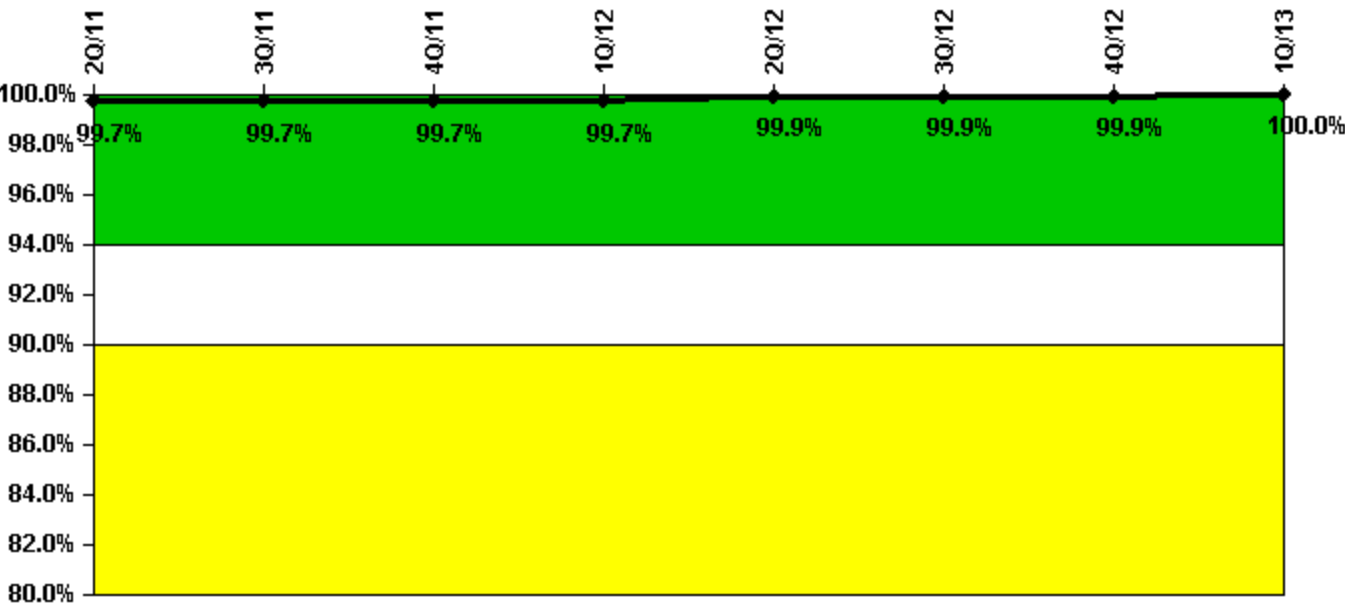
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Participating Key personnel	88.0	105.0	95.0	93.0	94.0	93.0	93.0	106.0
Total Key personnel	88.0	105.0	95.0	93.0	94.0	93.0	93.0	106.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



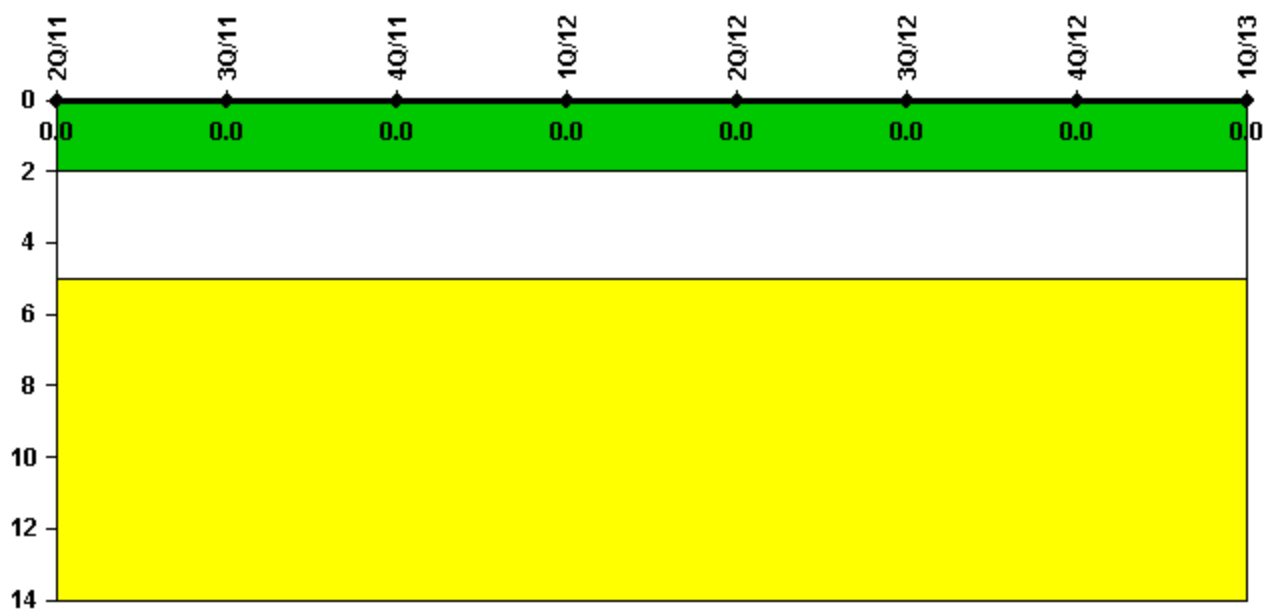
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Successful siren-tests	715	629	719	628	720	630	720	629
Total sirens-tests	720	630	720	630	720	630	720	630
Indicator value	99.7%	99.7%	99.7%	99.7%	99.9%	99.9%	99.9%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



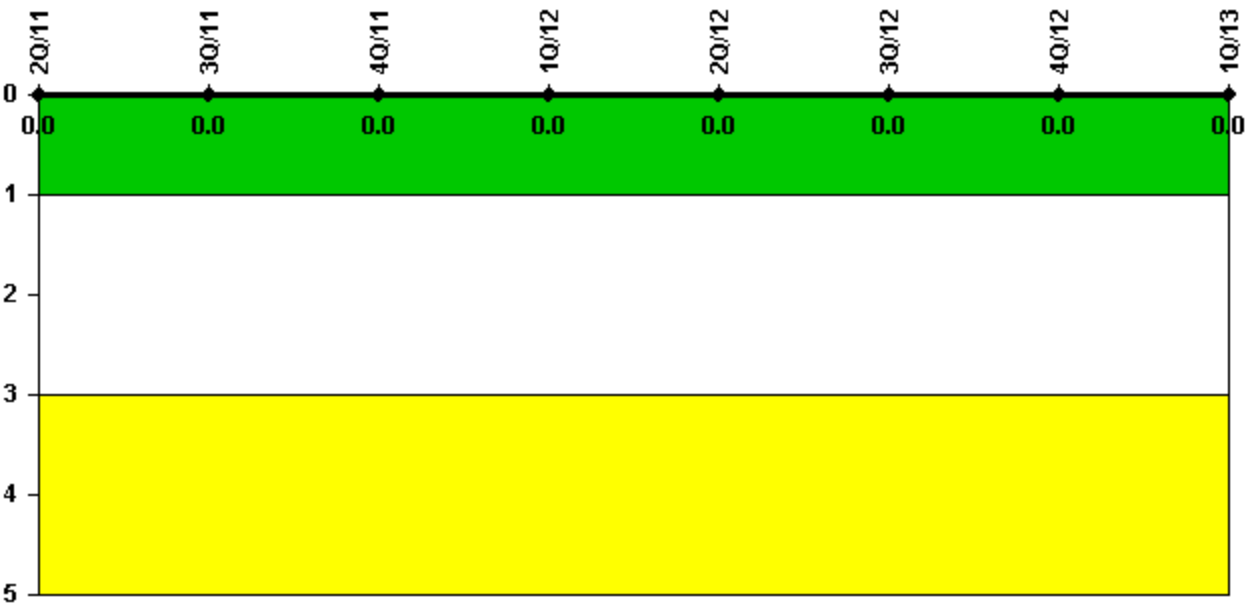
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/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
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/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/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: April 23, 2013

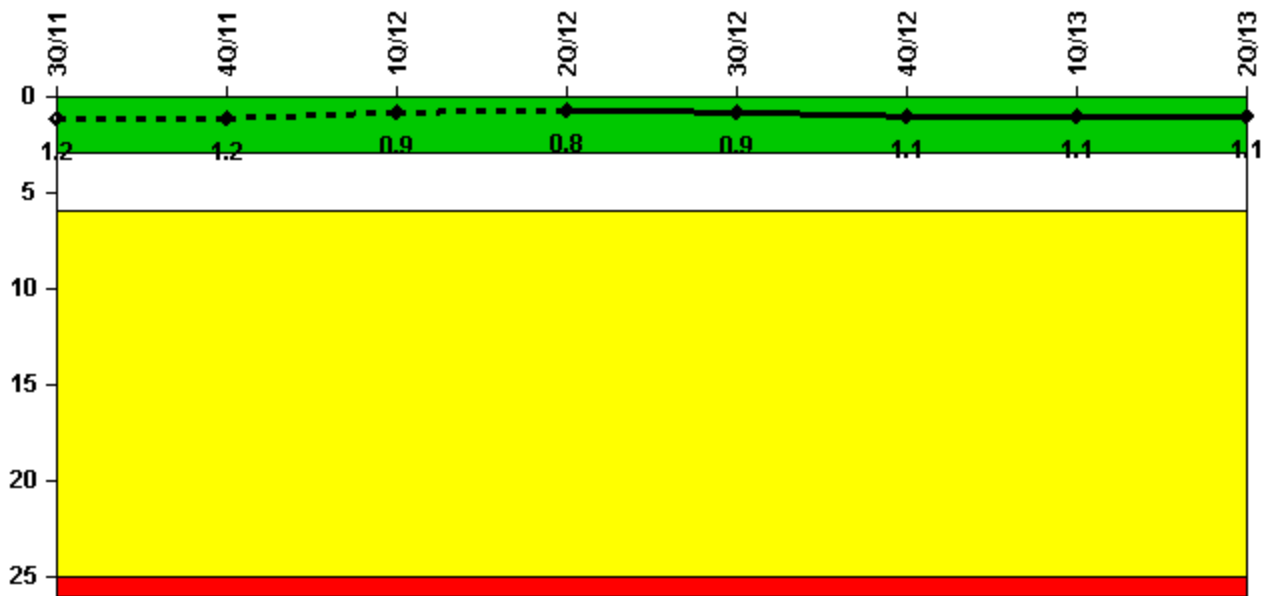
Saint Lucie 2

2Q/2013 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



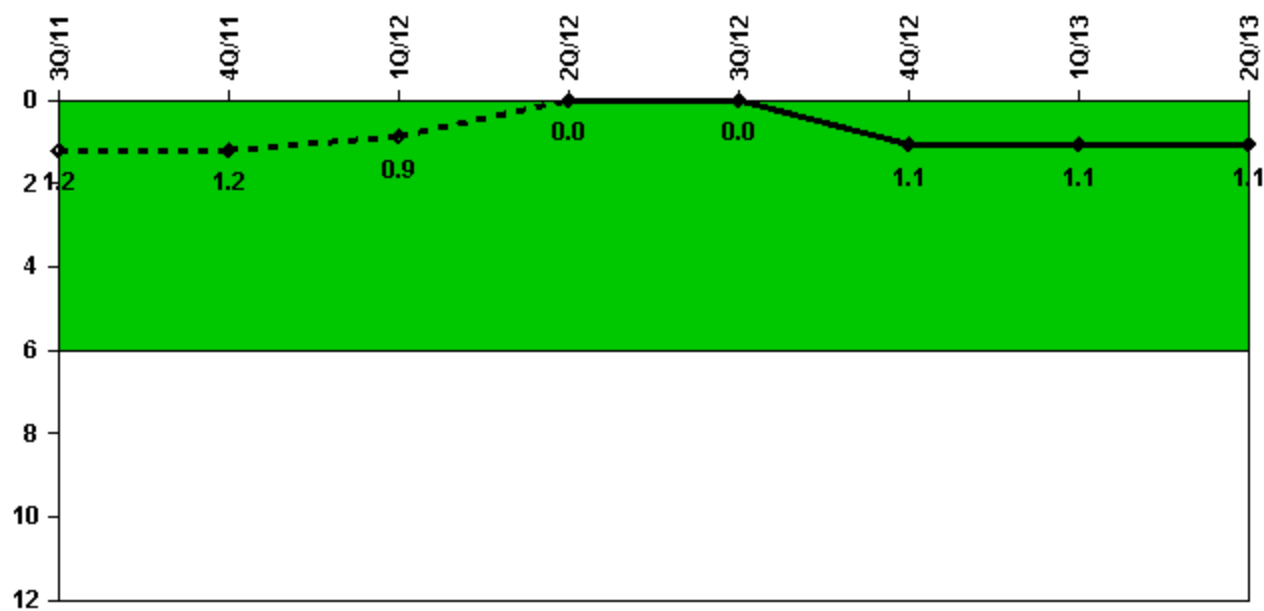
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0	1.0
Critical hours	2208.0	2209.0	2183.0	2146.2	857.1	1007.1	2159.0	2127.5
Indicator value	1.2	1.2	0.9	0.8	0.9	1.1	1.1	1.1

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



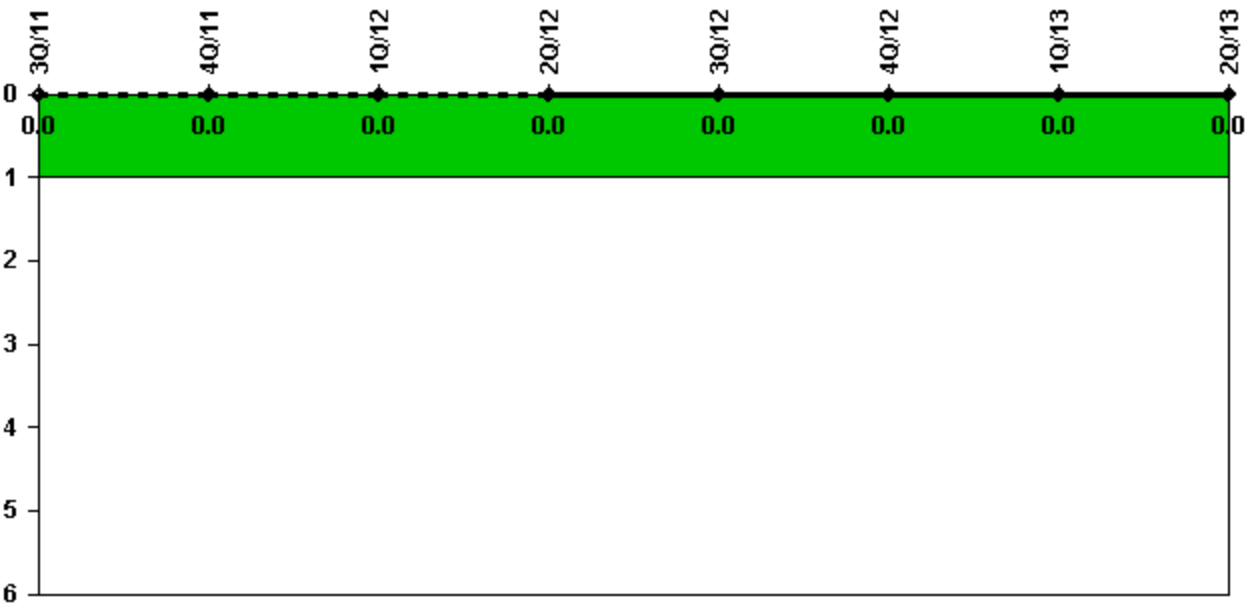
Thresholds: White > 6.0

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	1.0	0	0
Critical hours	2208.0	2209.0	2183.0	2146.2	857.1	1007.1	2159.0	2127.5
Indicator value	1.2	1.2	0.9	0	0	1.1	1.1	1.1

Licensee Comments: none

Unplanned Scrams with Complications



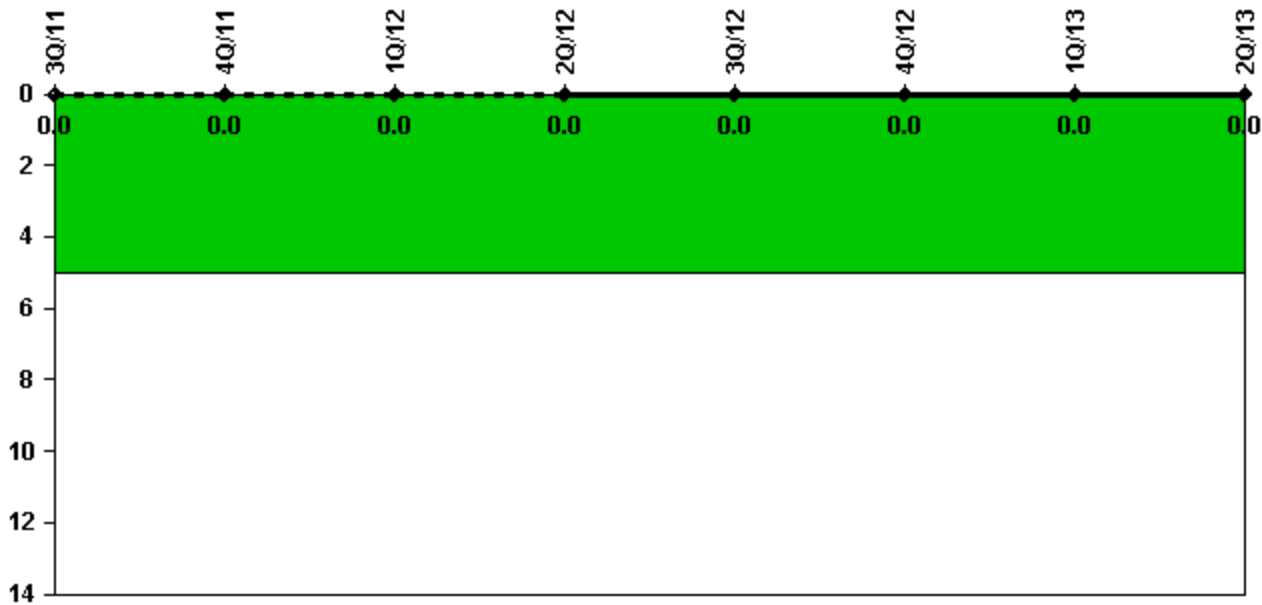
Thresholds: White > 1.0

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	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 (PWR)



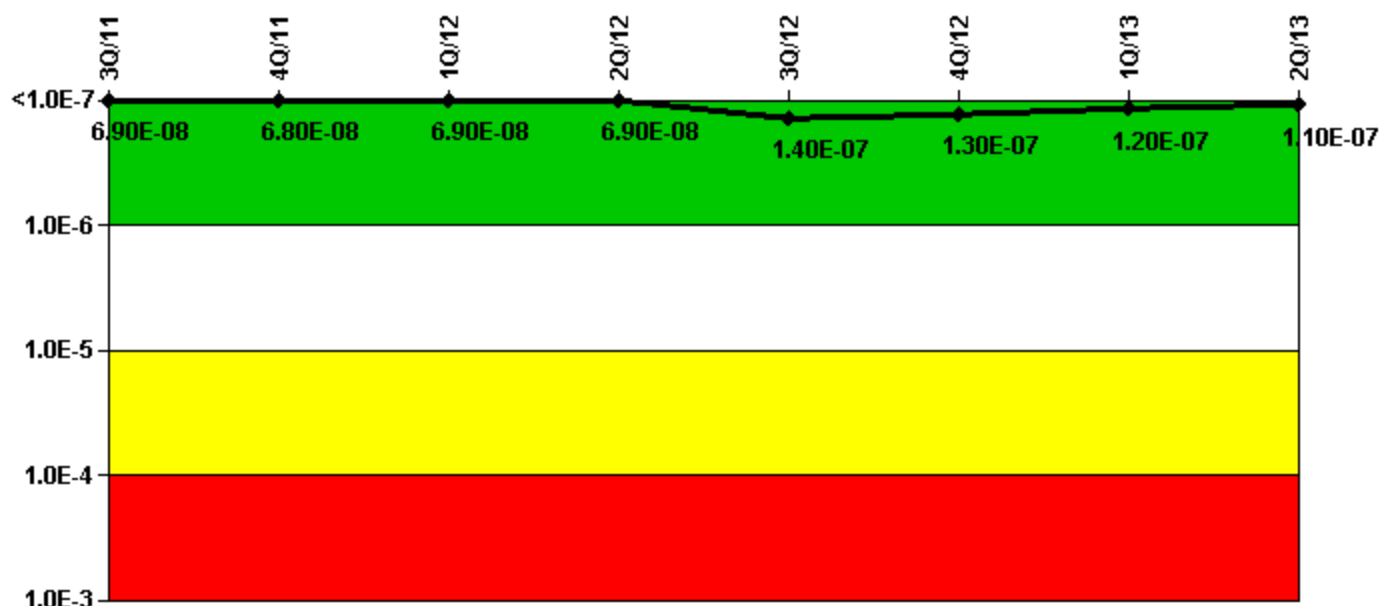
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	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	0	0	0
Indicator value	0	0	0	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

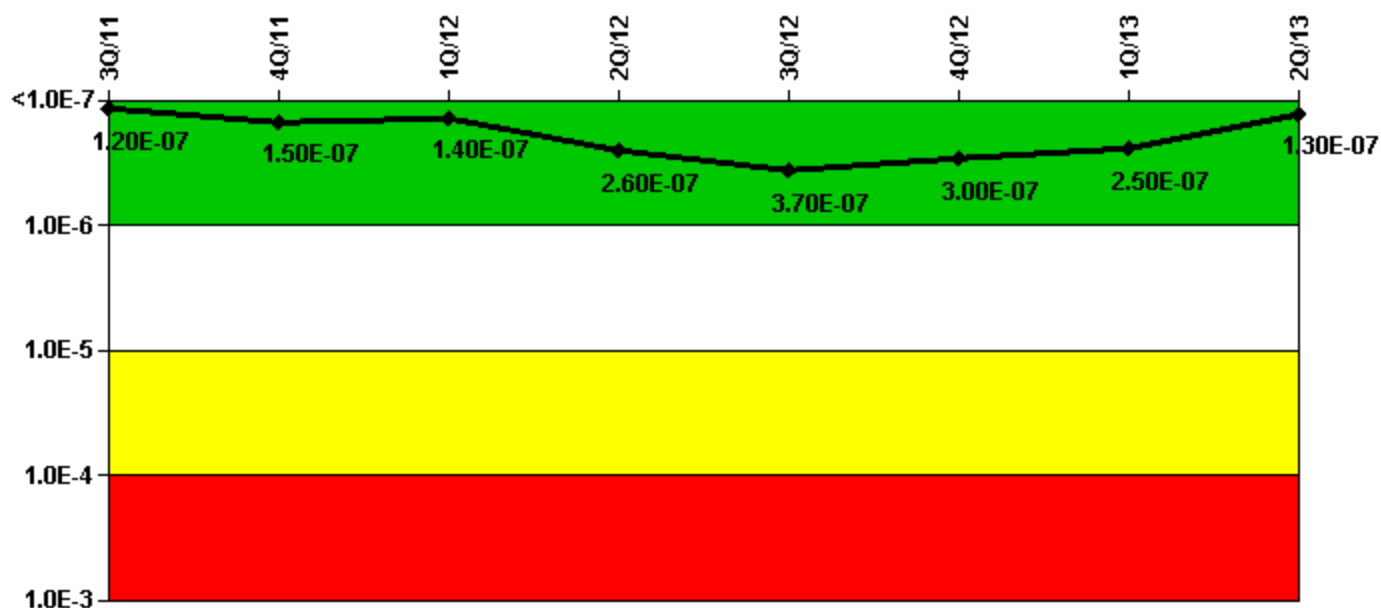
Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
UAI (Δ CDF)	1.69E-08	1.67E-08	1.62E-08	1.52E-08	5.15E-08	5.60E-08	1.81E-08	4.81E-09
URI (Δ CDF)	5.17E-08	5.17E-08	5.26E-08	5.35E-08	9.22E-08	7.37E-08	1.03E-07	1.08E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	6.90E-08	6.80E-08	6.90E-08	6.90E-08	1.40E-07	1.30E-07	1.20E-07	1.10E-07

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, High Pressure Injection System



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

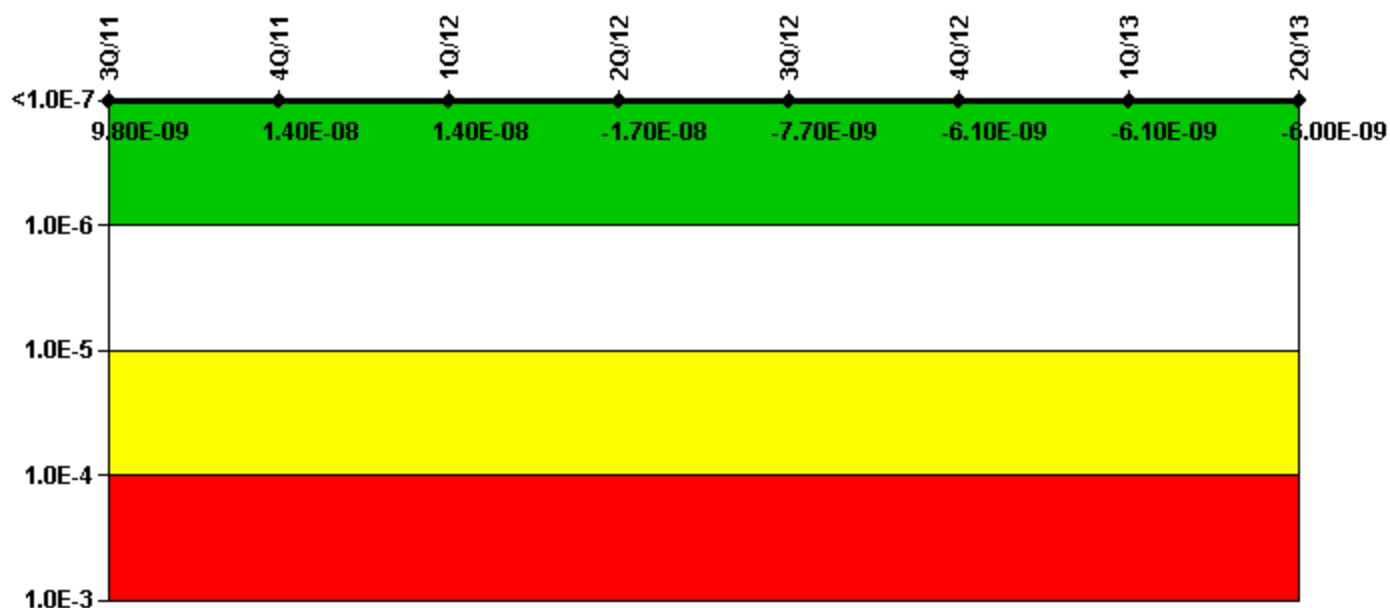
Notes

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 (ΔCDF)	2.89E-07	3.26E-07	3.11E-07	4.29E-07	6.56E-07	5.80E-07	5.33E-07	4.11E-07
URI (ΔCDF)	-1.72E-07	-1.72E-07	-1.72E-07	-1.72E-07	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.20E-07	1.50E-07	1.40E-07	2.60E-07	3.70E-07	3.00E-07	2.50E-07	1.30E-07

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



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

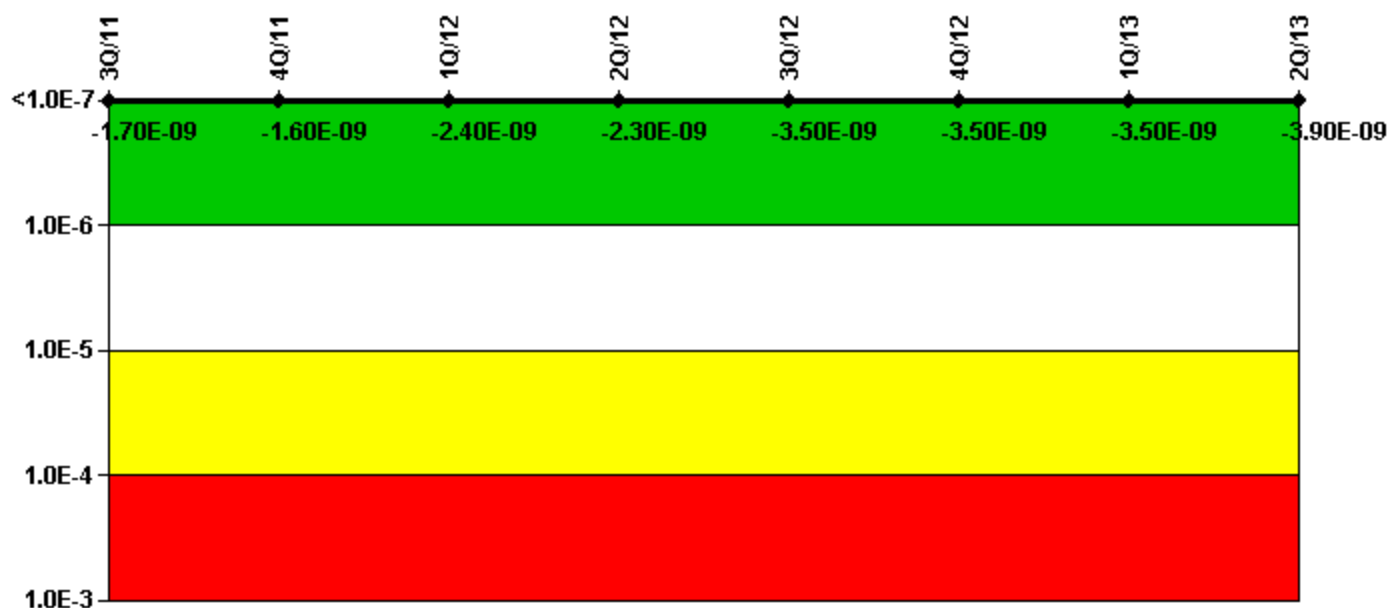
Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
UAI (Δ CDF)	2.49E-08	2.91E-08	2.90E-08	1.84E-08	2.04E-08	2.19E-08	2.19E-08	2.18E-08
URI (Δ CDF)	-1.51E-08	-1.51E-08	-1.51E-08	-3.49E-08	-2.80E-08	-2.80E-08	-2.80E-08	-2.78E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	9.80E-09	1.40E-08	1.40E-08	-1.70E-08	-7.70E-09	-6.10E-09	-6.10E-09	-6.00E-09

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System



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

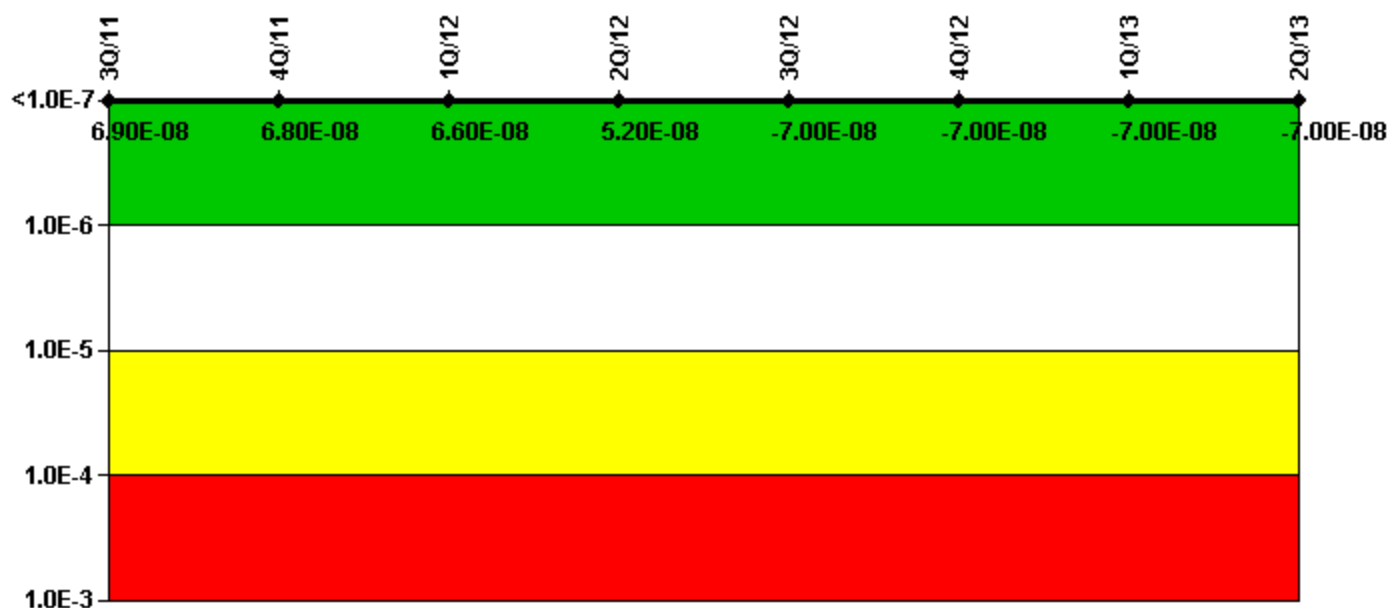
Notes

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 (Δ CDF)	4.29E-10	5.16E-10	-2.12E-10	-1.10E-10	-2.81E-10	-2.58E-10	-2.95E-10	-6.49E-10
URI (Δ CDF)	-2.16E-09	-2.16E-09	-2.16E-09	-2.16E-09	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.70E-09	-1.60E-09	-2.40E-09	-2.30E-09	-3.50E-09	-3.50E-09	-3.50E-09	-3.90E-09

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



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

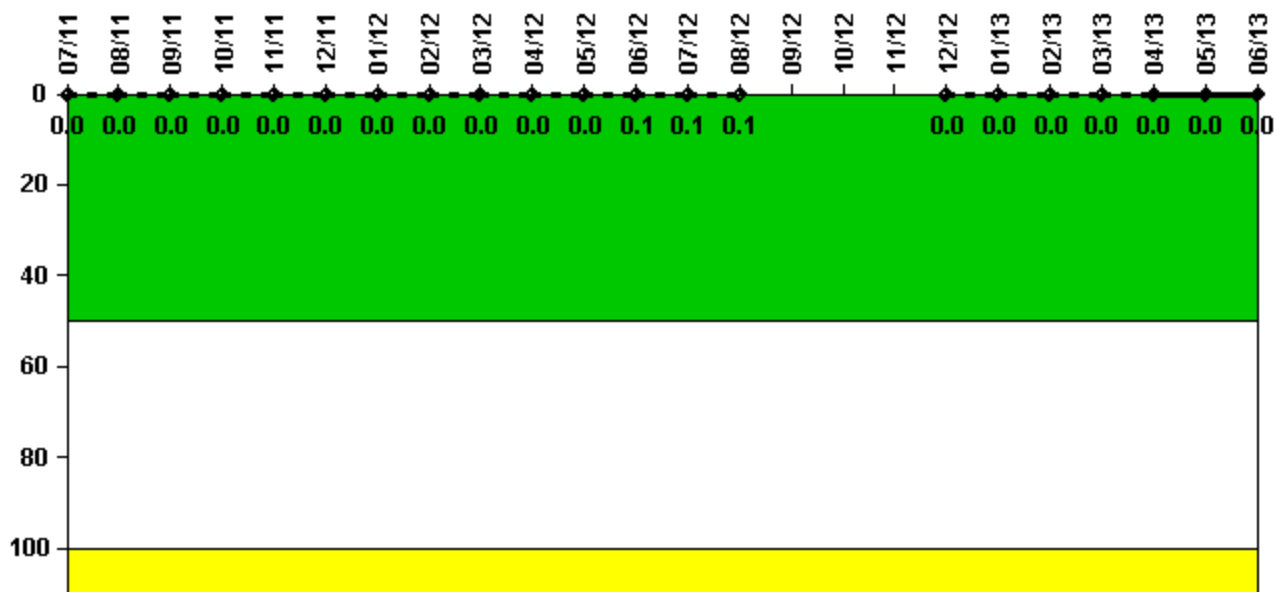
Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
UAI (ΔCDF)	7.79E-08	7.67E-08	7.44E-08	6.05E-08	-6.11E-08	-6.08E-08	-6.08E-08	-6.11E-08
URI (ΔCDF)	-8.37E-09	-8.37E-09	-8.37E-09	-8.37E-09	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	6.90E-08	6.80E-08	6.60E-08	5.20E-08	-7.00E-08	-7.00E-08	-7.00E-08	-7.00E-08

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

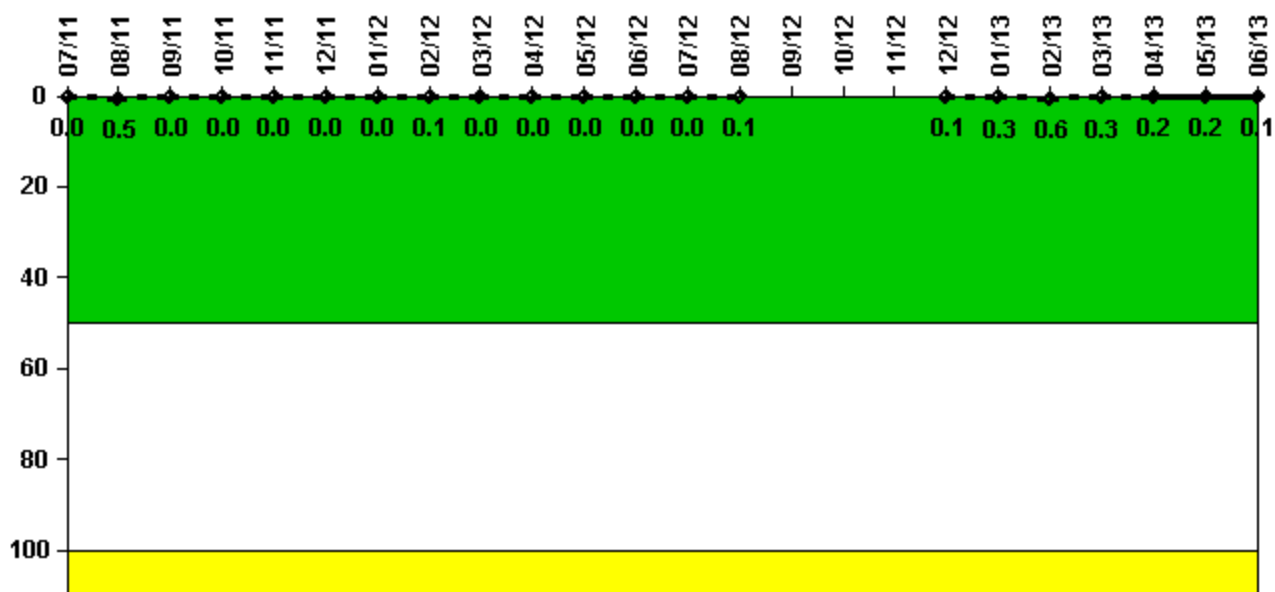
Notes

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	0.000294	0.000274	0.000327	0.000366	0.000341	0.000408	0.000392	0.000367	0.000370	0.000420	0.000407	0.000650
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0.1

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	0.000604	0.000836	N/A	N/A	N/A	0.000269	0.000282	0.000299	0.000304	0.000334	0.000324	0.000308
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	N/A	N/A	N/A	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



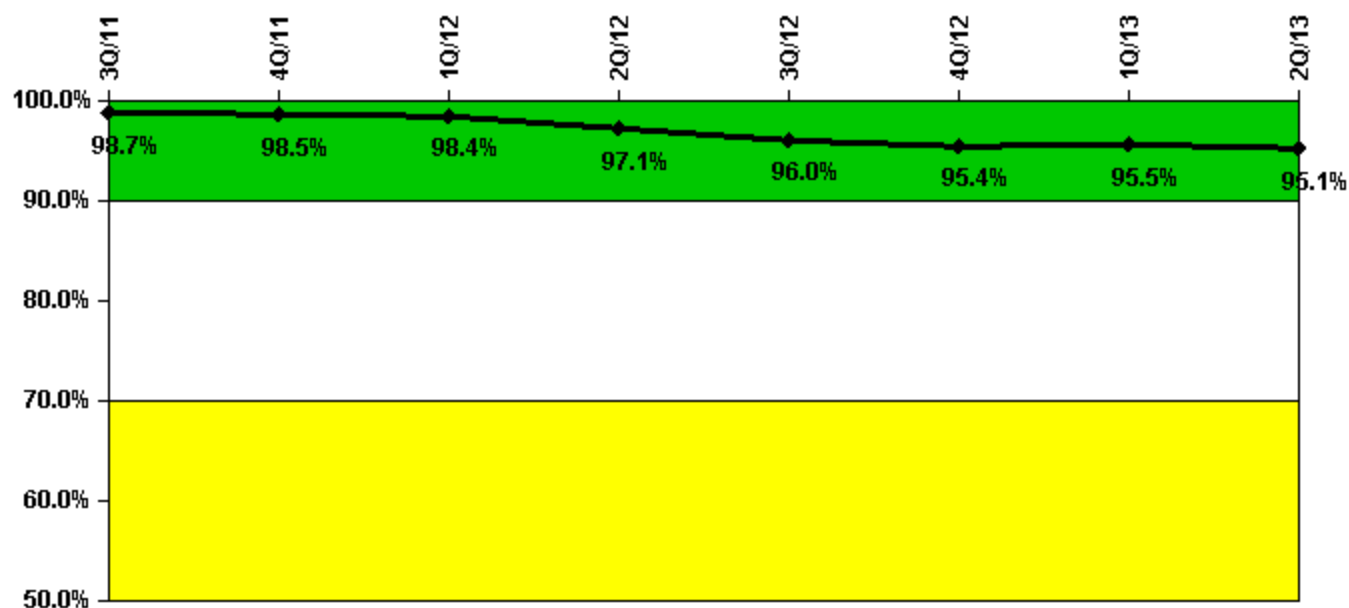
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12	4/12	5/12	6/12
Maximum leakage	0.001	0.050	0.002	0	0.001	0.004	0	0.013	0	0.002	0.001	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0.5	0	0	0	0	0	0.1	0	0	0	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	0.004	0.005	N/A	N/A	N/A	0.009	0.030	0.060	0.027	0.016	0.024	0.009
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0.1	N/A	N/A	N/A	0.1	0.3	0.6	0.3	0.2	0.2	0.1

Licensee Comments: none

Drill/Exercise Performance



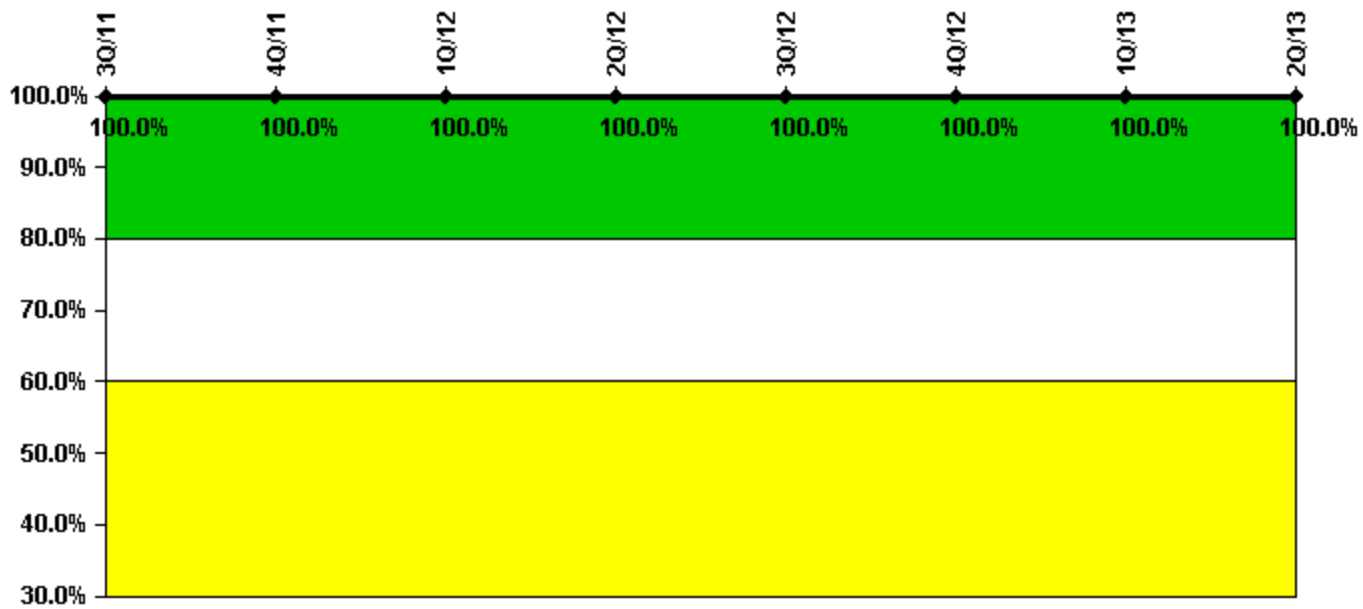
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Successful opportunities	92.0	9.0	0	69.0	49.0	0	95.0	56.0
Total opportunities	94.0	10.0	0	75.0	54.0	0	99.0	57.0
Indicator value	98.7%	98.5%	98.4%	97.1%	96.0%	95.4%	95.5%	95.1%

Licensee Comments:

3Q/11: Correction made for 3Q/2011 Successful/Total Drill Exercise & Event Opportunities

ERO Drill Participation

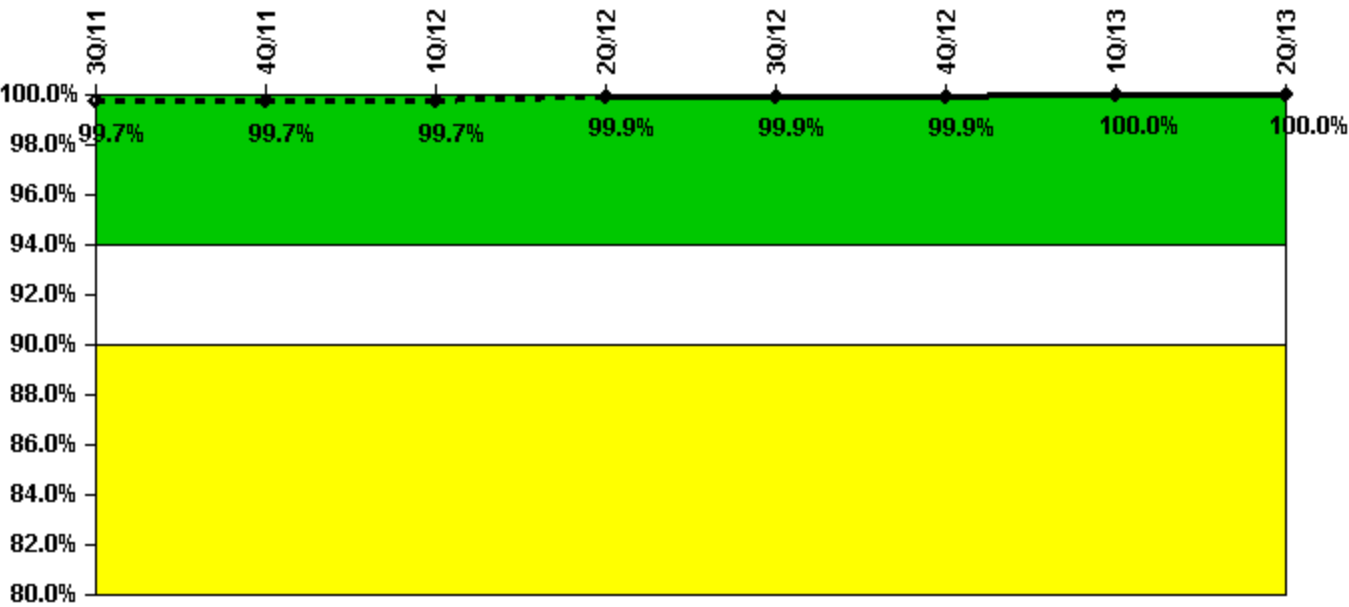
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Participating Key personnel	105.0	95.0	93.0	94.0	93.0	93.0	106.0	102.0
Total Key personnel	105.0	95.0	93.0	94.0	93.0	93.0	106.0	102.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



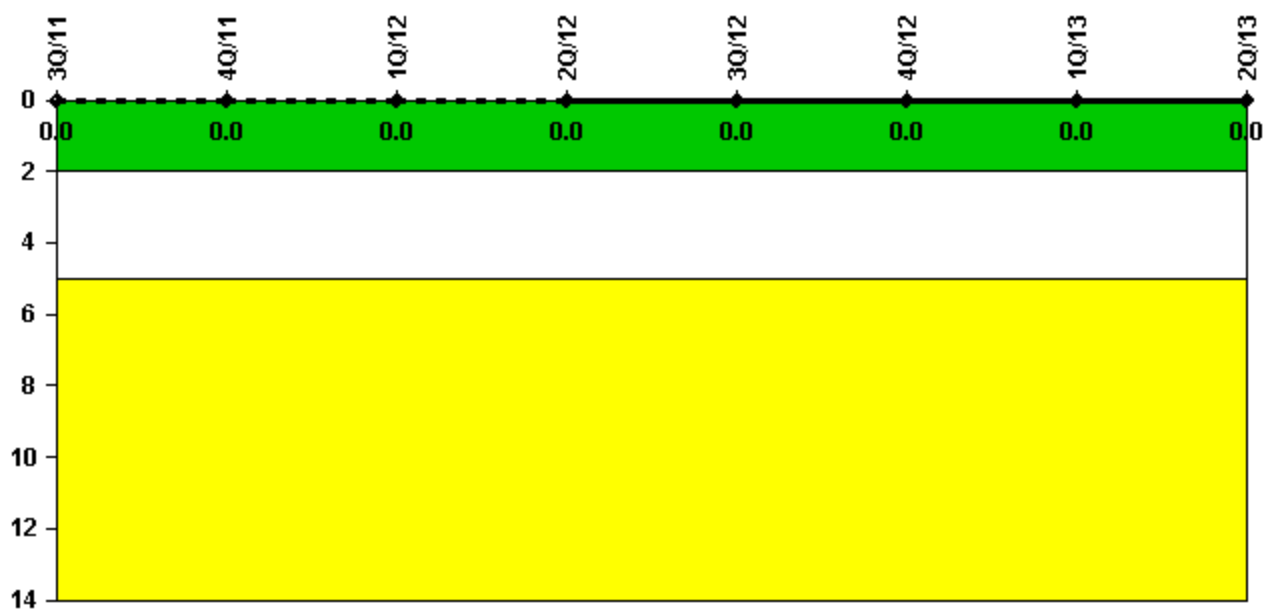
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Successful siren-tests	629	719	628	720	630	720	629	720
Total sirens-tests	630	720	630	720	630	720	630	720
Indicator value	99.7%	99.7%	99.7%	99.9%	99.9%	99.9%	100.0%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness

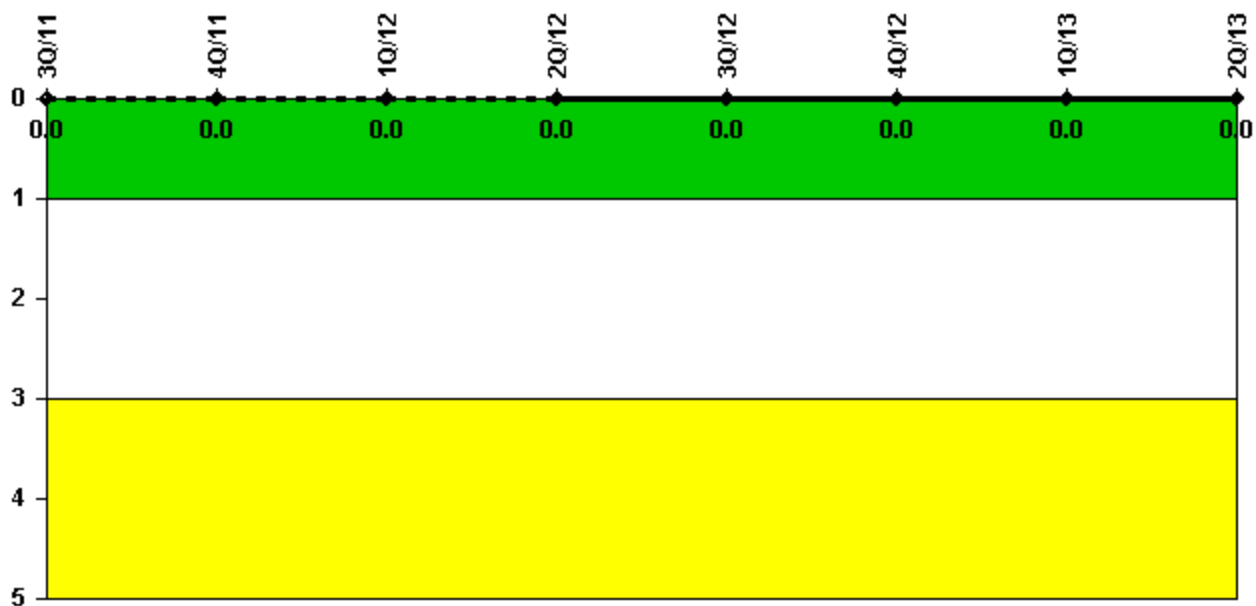


Thresholds: White > 2.0 Yellow > 5.0

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
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/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

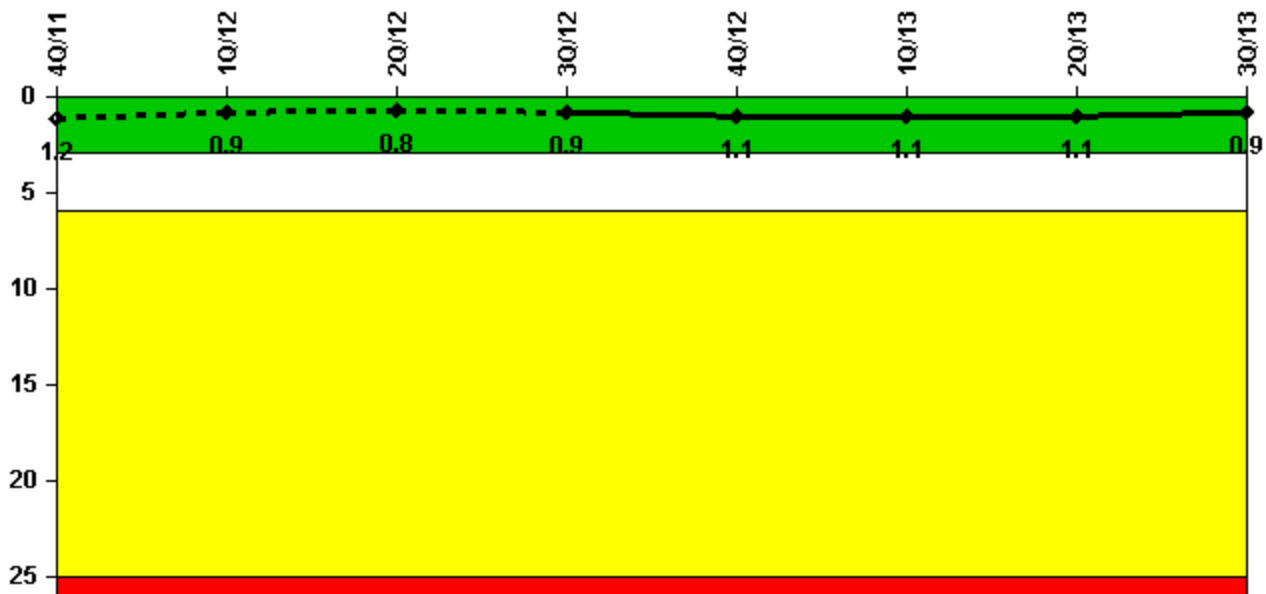
Saint Lucie 2

3Q/2013 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



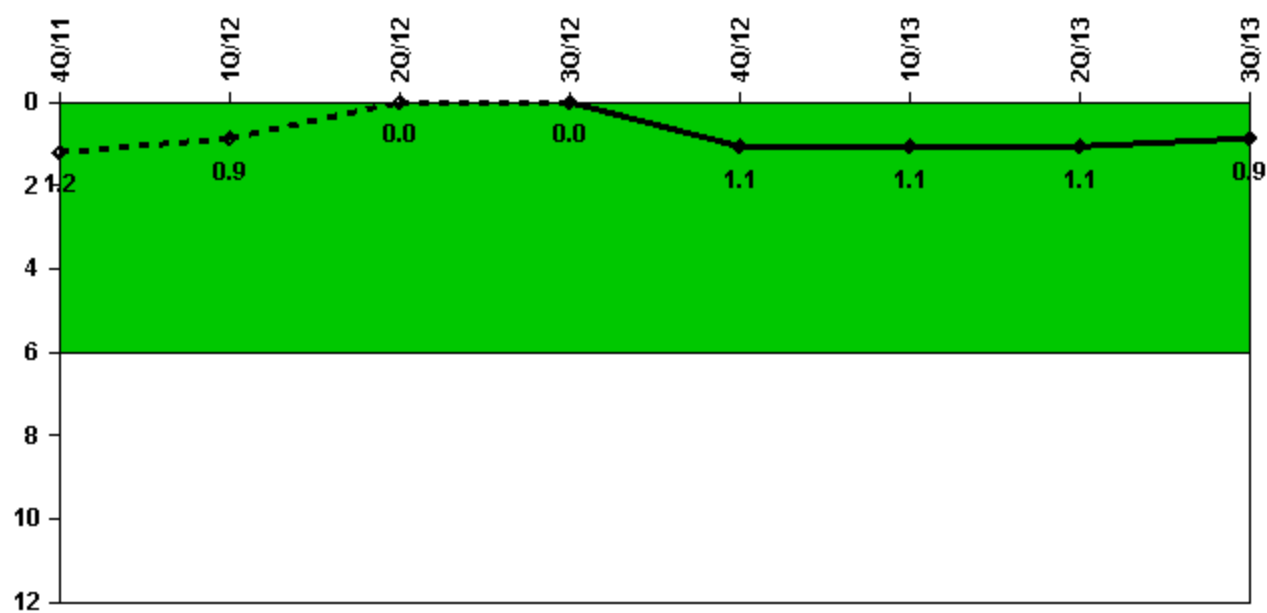
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Unplanned scrams	0	0	1.0	0	0	0	1.0	0
Critical hours	2209.0	2183.0	2146.2	857.1	1007.1	2159.0	2127.5	2208.0
Indicator value	1.2	0.9	0.8	0.9	1.1	1.1	1.1	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



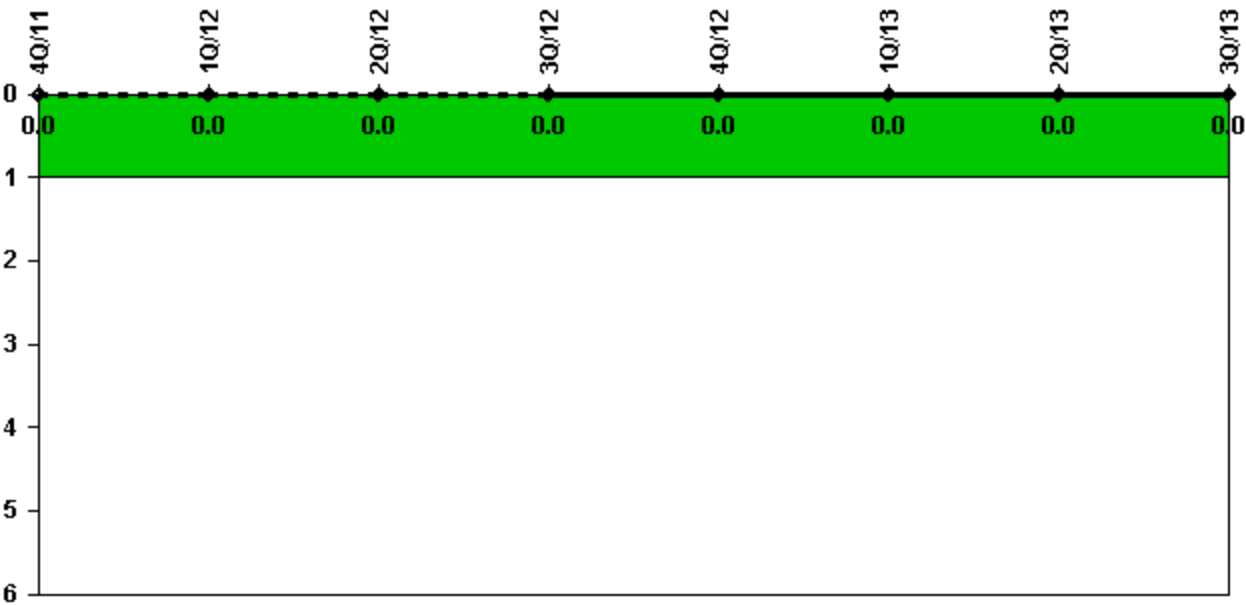
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Unplanned power changes	0	0	0	0	1.0	0	0	0
Critical hours	2209.0	2183.0	2146.2	857.1	1007.1	2159.0	2127.5	2208.0
Indicator value	1.2	0.9	0	0	1.1	1.1	1.1	0.9

Licensee Comments: none

Unplanned Scrams with Complications



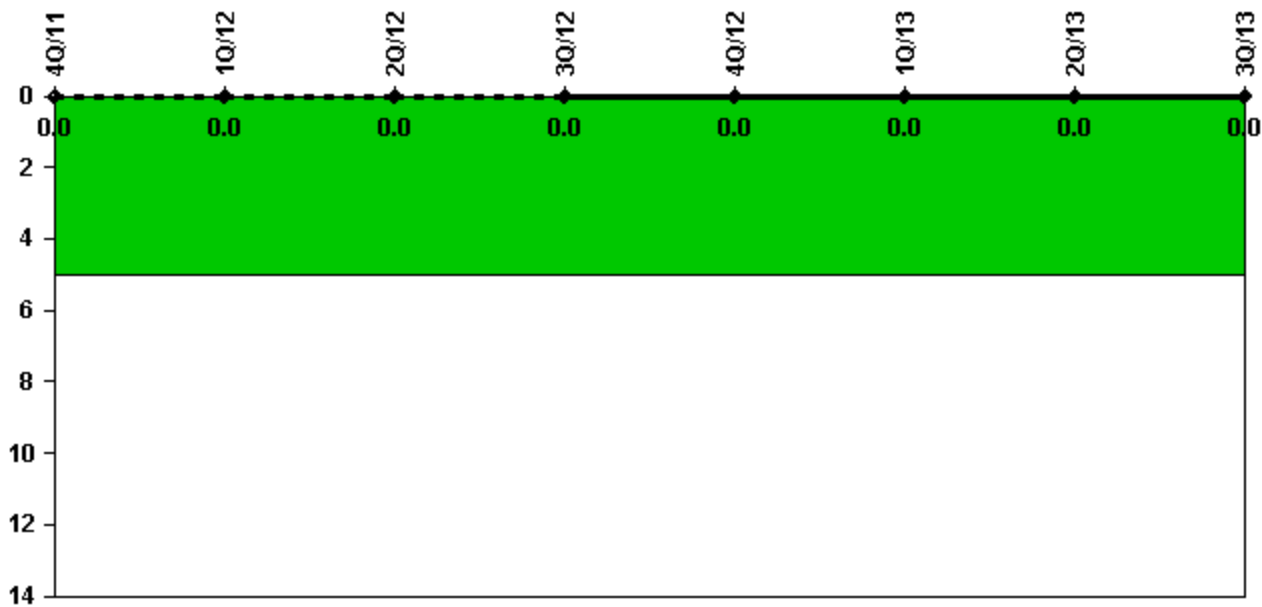
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
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 (PWR)



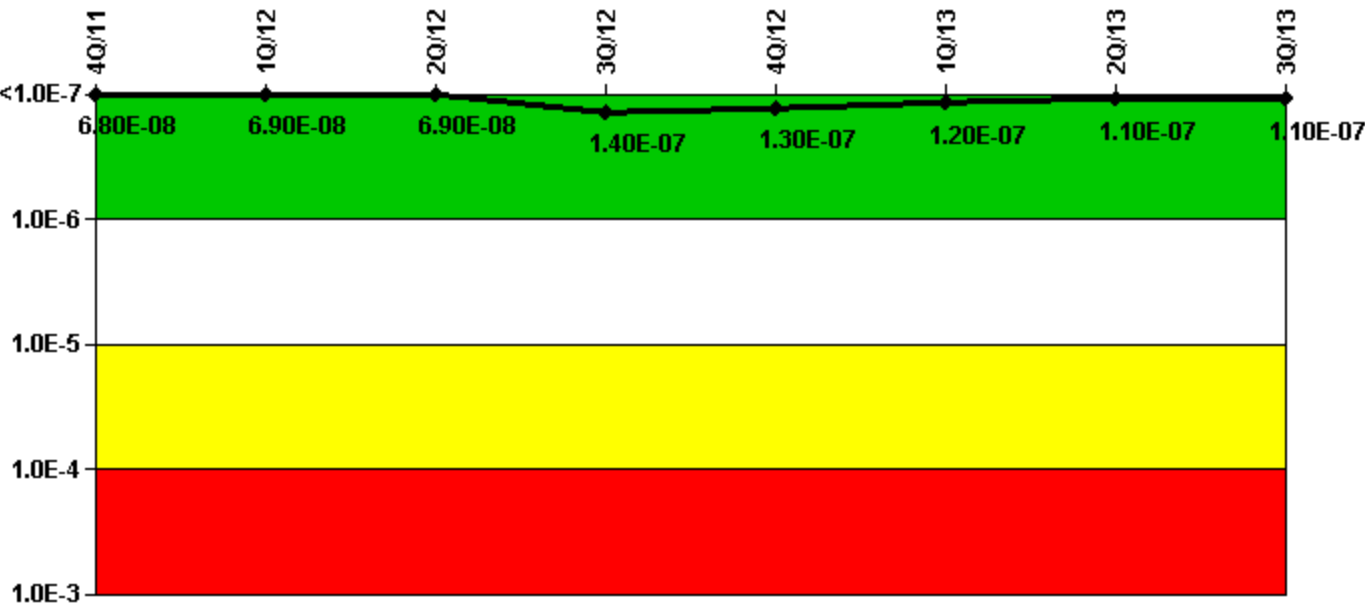
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	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

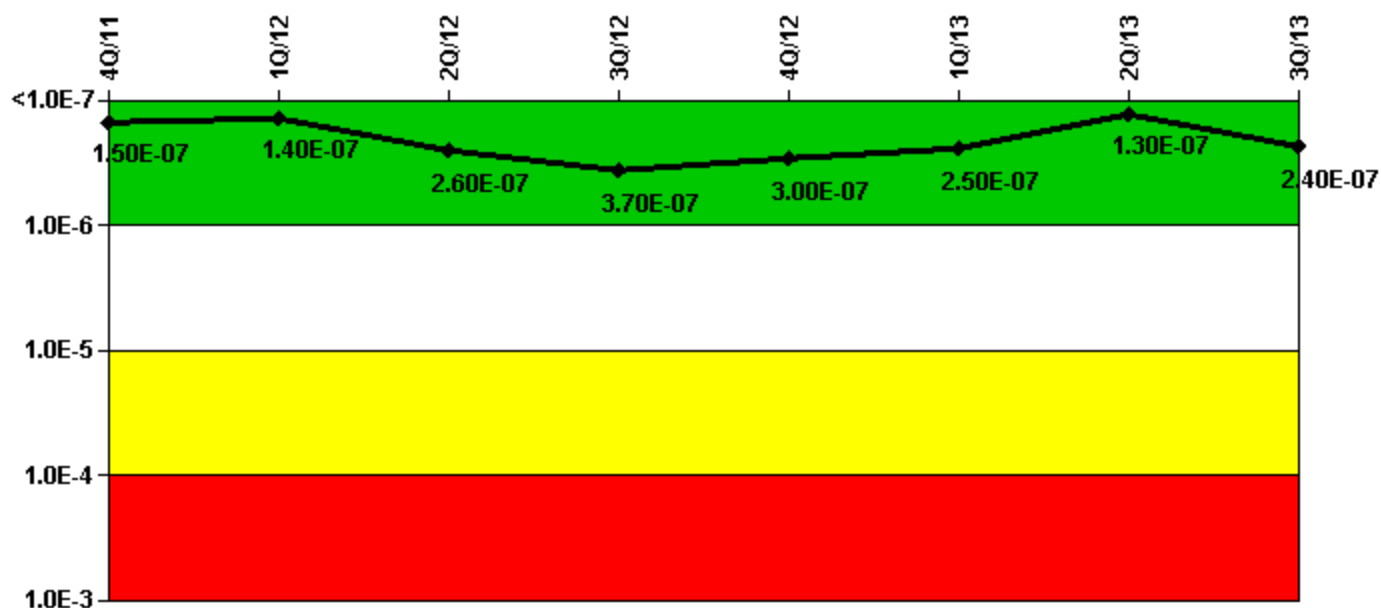
Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
UAI (ΔCDF)	1.67E-08	1.62E-08	1.52E-08	5.15E-08	5.60E-08	1.81E-08	4.81E-09	2.69E-09
URI (ΔCDF)	5.17E-08	5.26E-08	5.35E-08	9.22E-08	7.37E-08	1.03E-07	1.08E-07	1.10E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	6.80E-08	6.90E-08	6.90E-08	1.40E-07	1.30E-07	1.20E-07	1.10E-07	1.10E-07

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, High Pressure Injection System



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

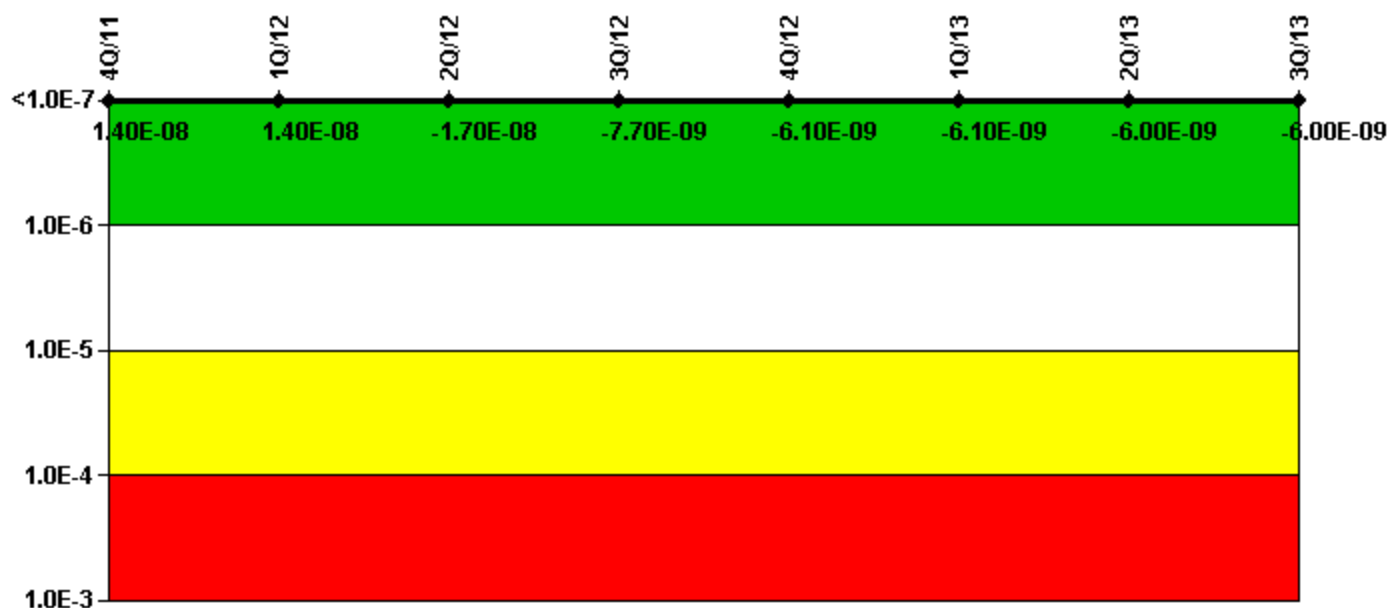
Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
UAI (Δ CDF)	3.26E-07	3.11E-07	4.29E-07	6.56E-07	5.80E-07	5.33E-07	4.11E-07	5.22E-07
URI (Δ CDF)	-1.72E-07	-1.72E-07	-1.72E-07	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.50E-07	1.40E-07	2.60E-07	3.70E-07	3.00E-07	2.50E-07	1.30E-07	2.40E-07

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



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

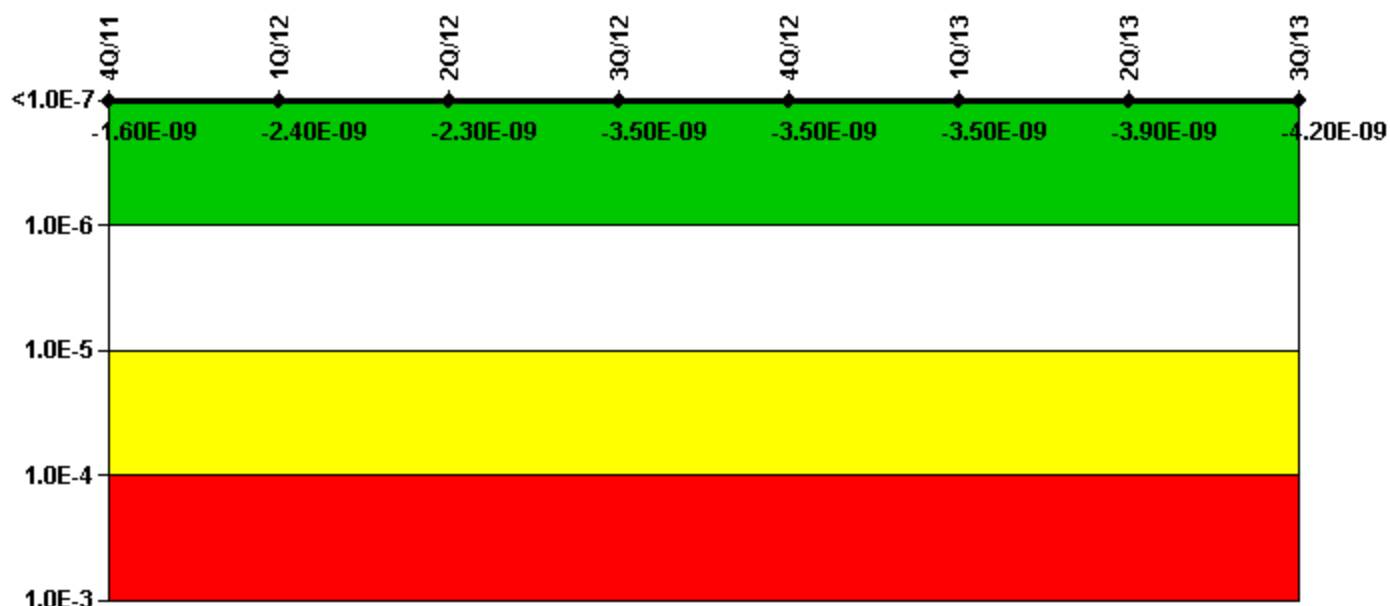
Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
UAI (Δ CDF)	2.91E-08	2.90E-08	1.84E-08	2.04E-08	2.19E-08	2.19E-08	2.18E-08	2.18E-08
URI (Δ CDF)	-1.51E-08	-1.51E-08	-3.49E-08	-2.80E-08	-2.80E-08	-2.80E-08	-2.78E-08	-2.78E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.40E-08	1.40E-08	-1.70E-08	-7.70E-09	-6.10E-09	-6.10E-09	-6.00E-09	-6.00E-09

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System



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

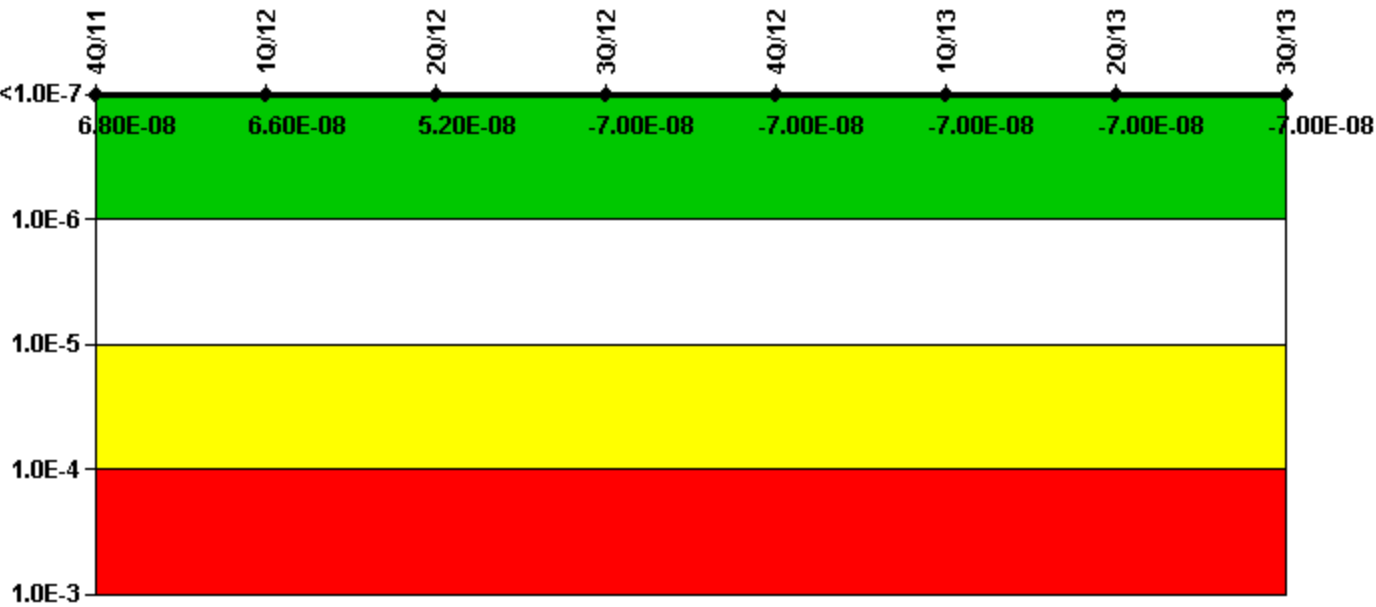
Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
UAI (Δ CDF)	5.16E-10	-2.12E-10	-1.10E-10	-2.81E-10	-2.58E-10	-2.95E-10	-6.49E-10	-9.12E-10
URI (Δ CDF)	-2.16E-09	-2.16E-09	-2.16E-09	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.60E-09	-2.40E-09	-2.30E-09	-3.50E-09	-3.50E-09	-3.50E-09	-3.90E-09	-4.20E-09

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



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

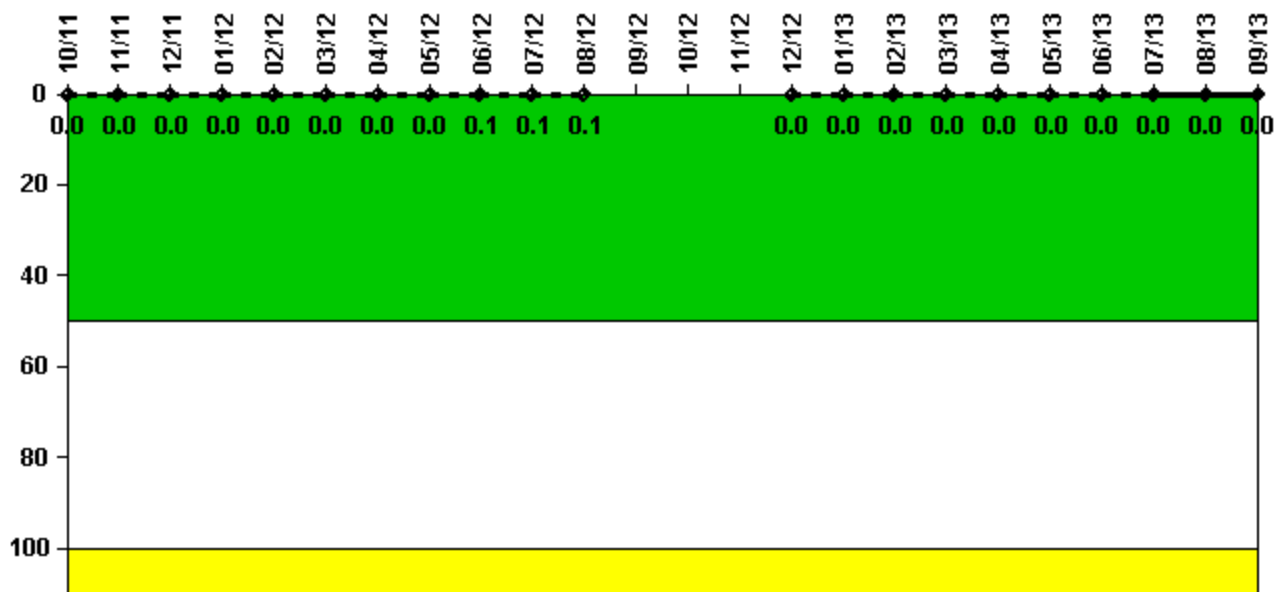
Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
UAI (ΔCDF)	7.67E-08	7.44E-08	6.05E-08	-6.11E-08	-6.08E-08	-6.08E-08	-6.11E-08	-6.11E-08
URI (ΔCDF)	-8.37E-09	-8.37E-09	-8.37E-09	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	6.80E-08	6.60E-08	5.20E-08	-7.00E-08	-7.00E-08	-7.00E-08	-7.00E-08	-7.00E-08

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Reactor Coolant System Activity



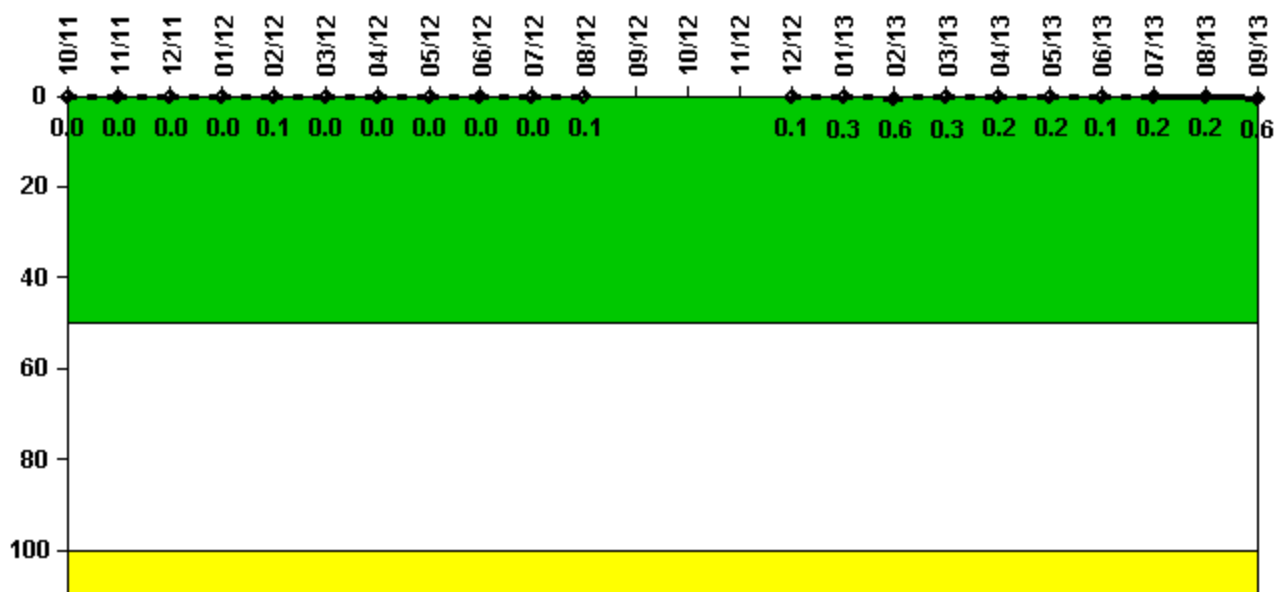
Thresholds: White > 50.0 Yellow > 100.0

Notes

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	0.000366	0.000341	0.000408	0.000392	0.000367	0.000370	0.000420	0.000407	0.000650	0.000604	0.000836	N/A
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0.1	0.1	0.1	N/A
Reactor Coolant System Activity	10/12	11/12	12/12	1/13	2/13	3/13	4/13	5/13	6/13	7/13	8/13	9/13
Maximum activity	N/A	N/A	0.000269	0.000282	0.000299	0.000304	0.000334	0.000324	0.000308	0.000323	0.000396	0.000457
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	N/A	N/A	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

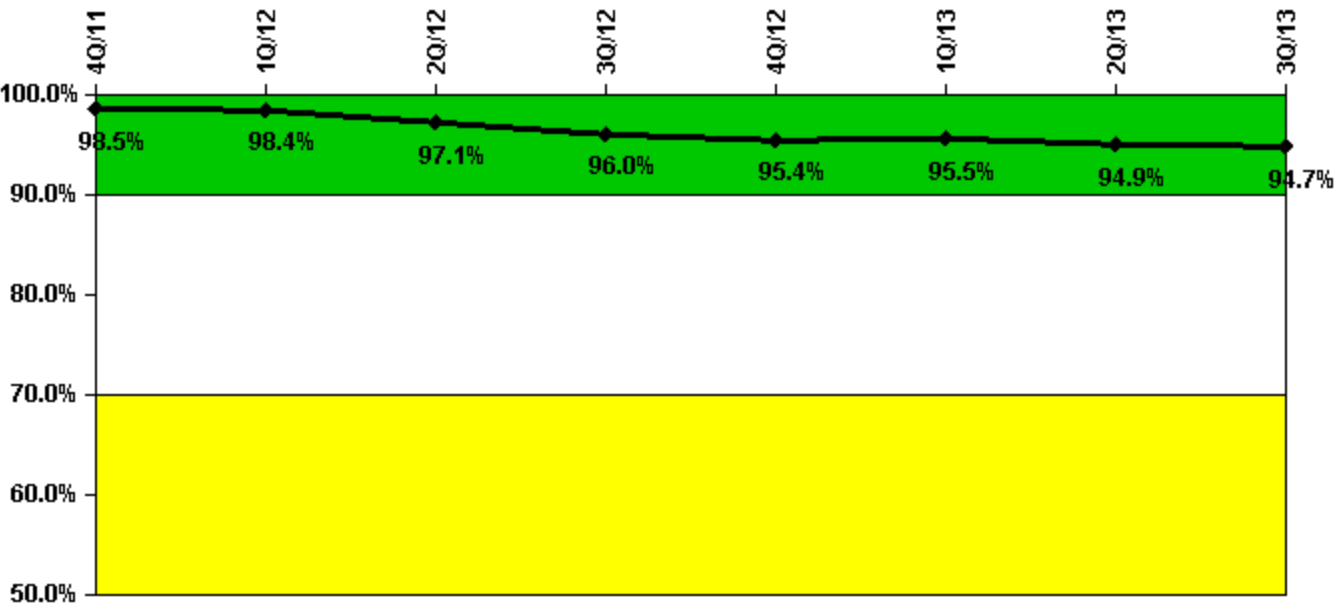
Notes

Reactor Coolant System Leakage	10/11	11/11	12/11	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12
Maximum leakage	0	0.001	0.004	0	0.013	0	0.002	0.001	0	0.004	0.005	N/A
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0	0	0	0.1	0	0	0	0	0	0.1	N/A

Reactor Coolant System Leakage	10/12	11/12	12/12	1/13	2/13	3/13	4/13	5/13	6/13	7/13	8/13	9/13
Maximum leakage	N/A	N/A	0.009	0.030	0.060	0.027	0.016	0.024	0.009	0.015	0.022	0.057
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	N/A	N/A	0.1	0.3	0.6	0.3	0.2	0.2	0.1	0.2	0.2	0.6

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

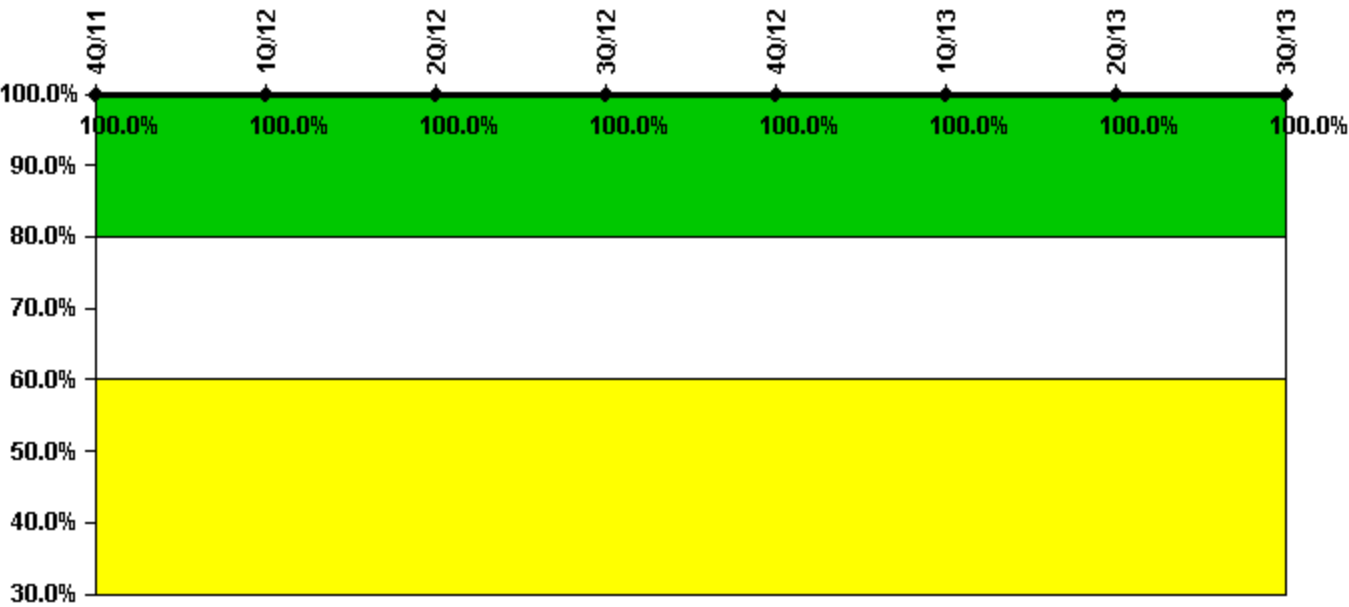
Notes

Drill/Exercise Performance	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Successful opportunities	9.0	0	69.0	49.0	0	95.0	56.0	79.0
Total opportunities	10.0	0	75.0	54.0	0	99.0	58.0	81.0
Indicator value	98.5%	98.4%	97.1%	96.0%	95.4%	95.5%	94.9%	94.7%

Licensee Comments:

2Q/13: Change to June 13 total drill, exercise and event opportunities

ERO Drill Participation



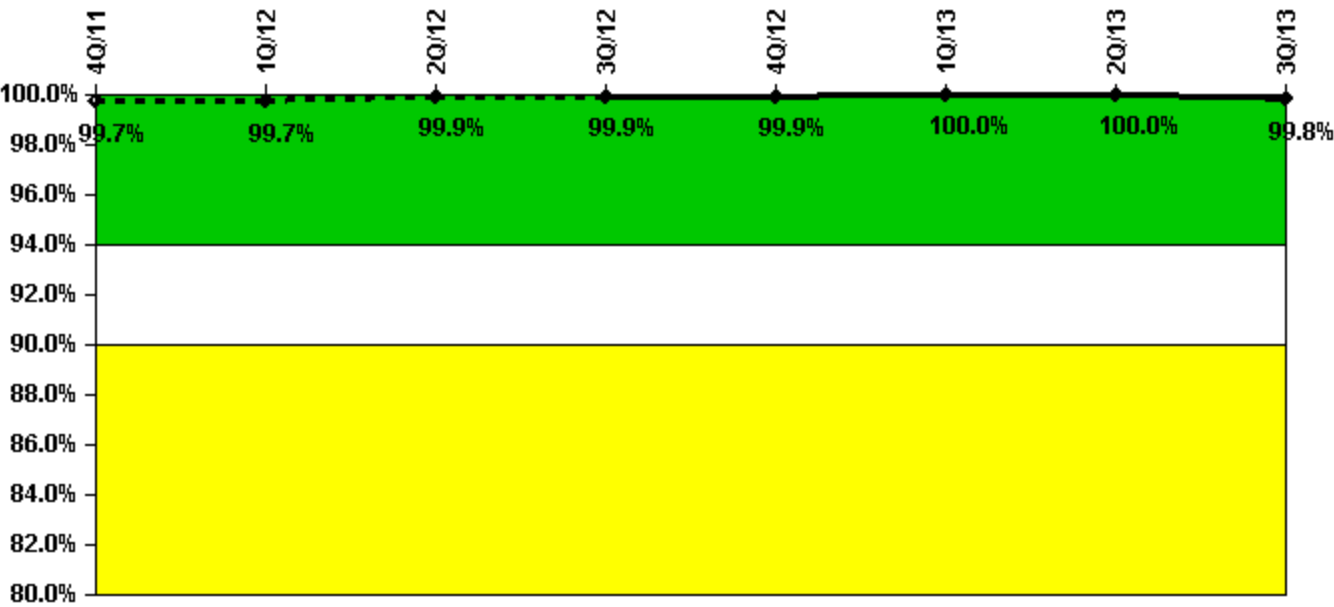
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Participating Key personnel	95.0	93.0	94.0	93.0	93.0	106.0	102.0	109.0
Total Key personnel	95.0	93.0	94.0	93.0	93.0	106.0	102.0	109.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



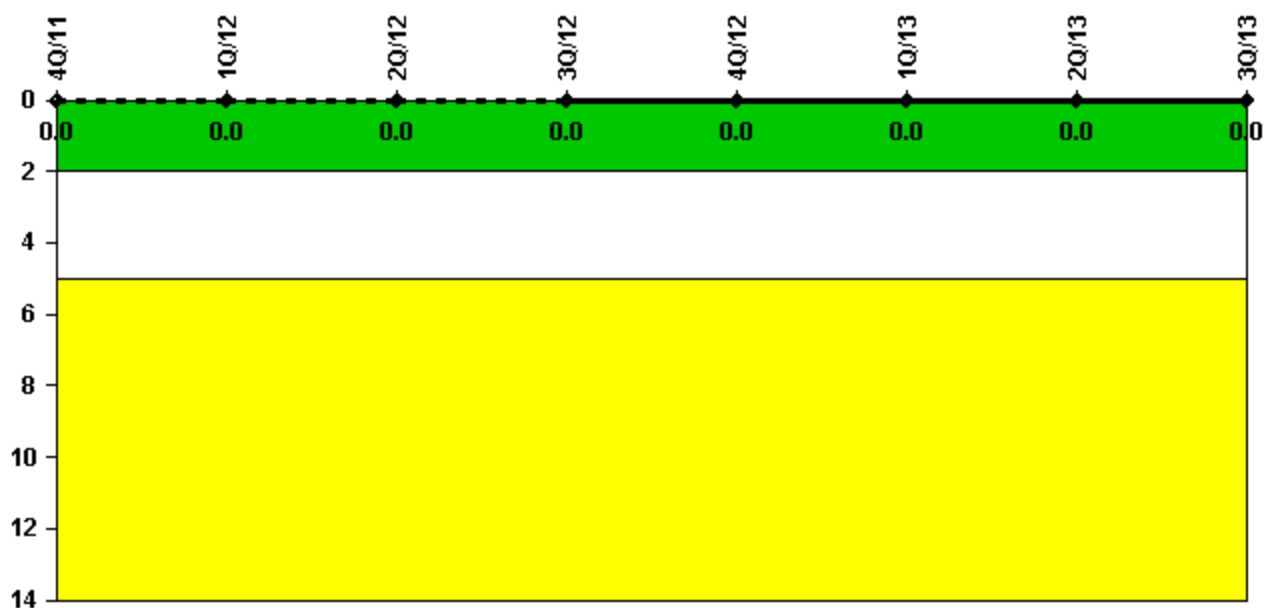
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Successful siren-tests	719	628	720	630	720	629	720	626
Total sirens-tests	720	630	720	630	720	630	720	630
Indicator value	99.7%	99.7%	99.9%	99.9%	99.9%	100.0%	100.0%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



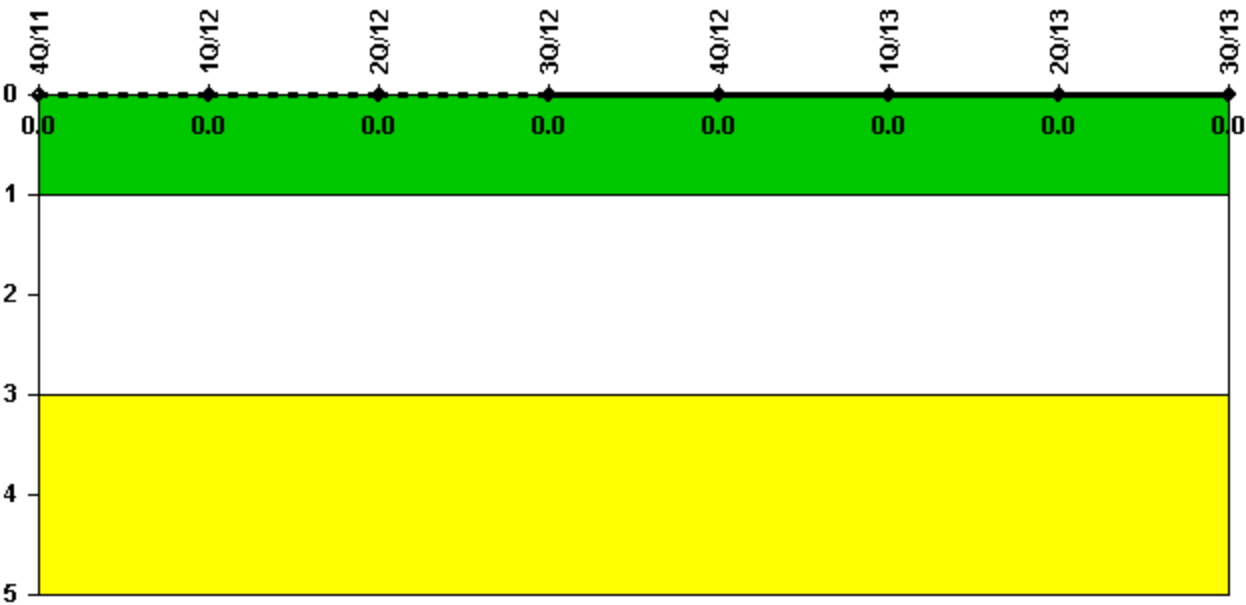
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/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
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/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/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: October 22, 2013

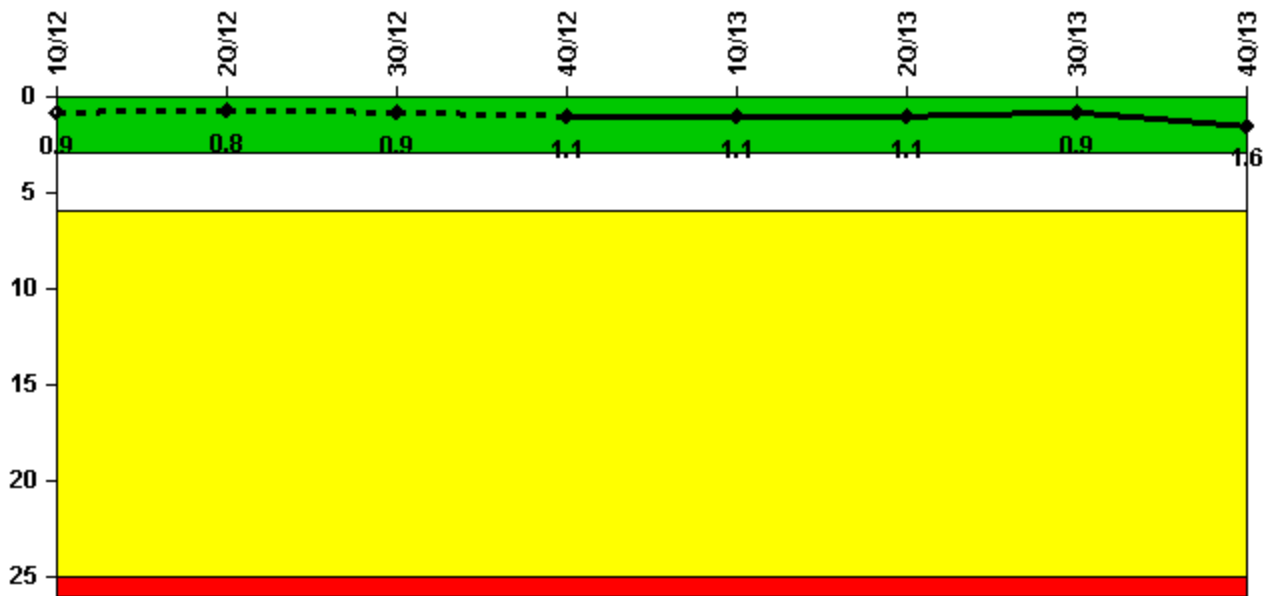
Saint Lucie 2

4Q/2013 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



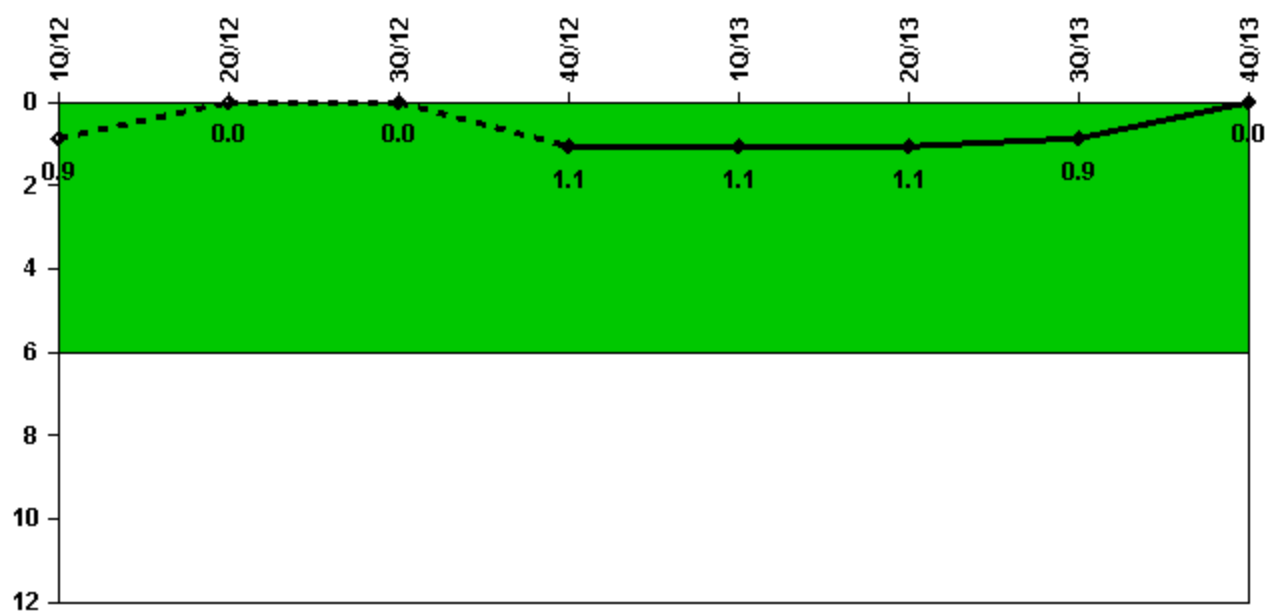
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0	1.0	0	1.0
Critical hours	2183.0	2146.2	857.1	1007.1	2159.0	2127.5	2208.0	2156.9
Indicator value	0.9	0.8	0.9	1.1	1.1	1.1	0.9	1.6

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



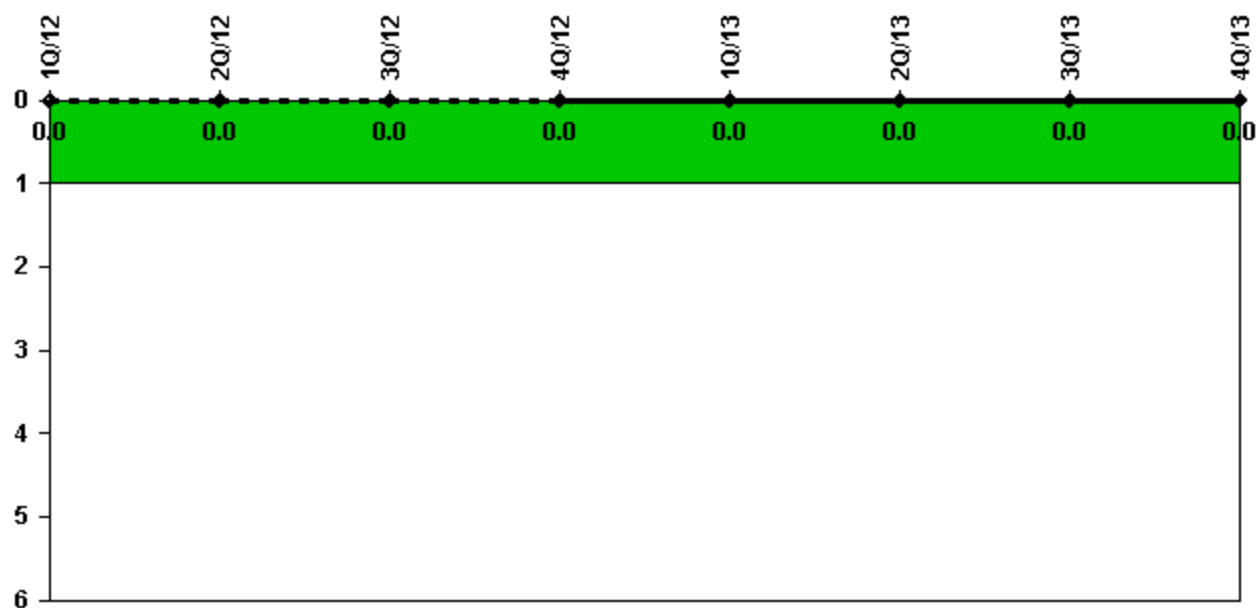
Thresholds: White > 6.0

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	0	0	0	1.0	0	0	0	0
Critical hours	2183.0	2146.2	857.1	1007.1	2159.0	2127.5	2208.0	2156.9
Indicator value	0.9	0	0	1.1	1.1	1.1	0.9	0

Licensee Comments: none

Unplanned Scrams with Complications



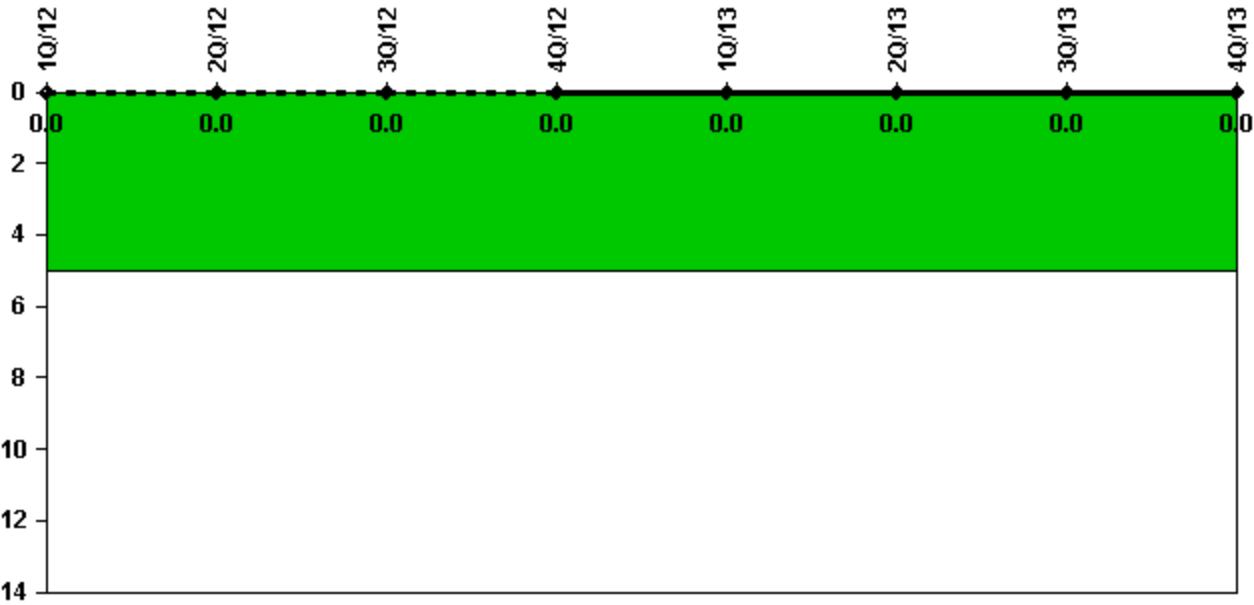
Thresholds: White > 1.0

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	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 (PWR)



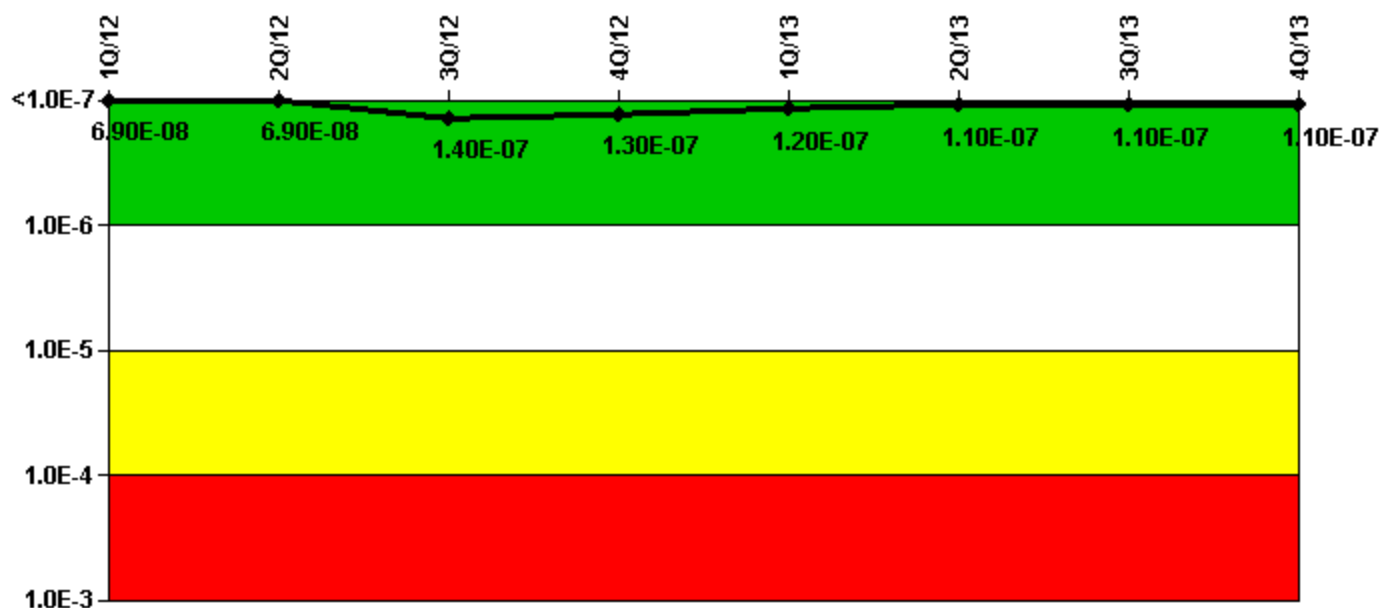
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	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

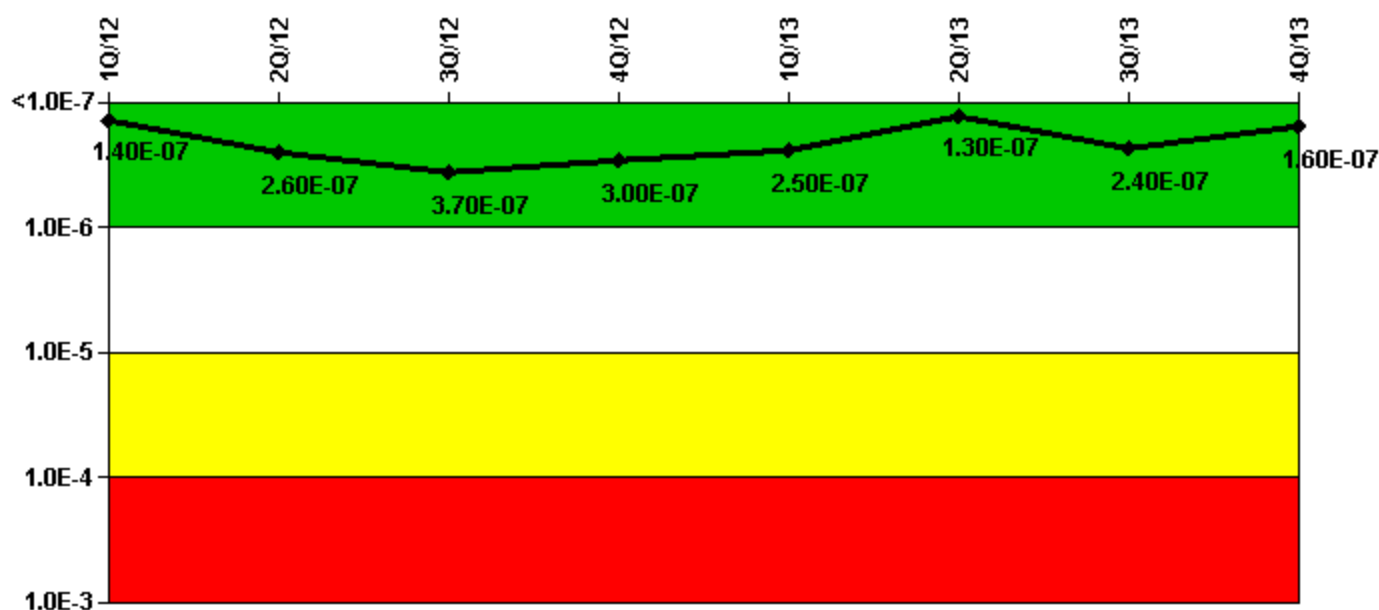
Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
UAI (Δ CDF)	1.62E-08	1.52E-08	5.15E-08	5.60E-08	1.81E-08	4.81E-09	2.69E-09	2.03E-09
URI (Δ CDF)	5.26E-08	5.35E-08	9.22E-08	7.37E-08	1.03E-07	1.08E-07	1.10E-07	1.11E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	6.90E-08	6.90E-08	1.40E-07	1.30E-07	1.20E-07	1.10E-07	1.10E-07	1.10E-07

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, High Pressure Injection System



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

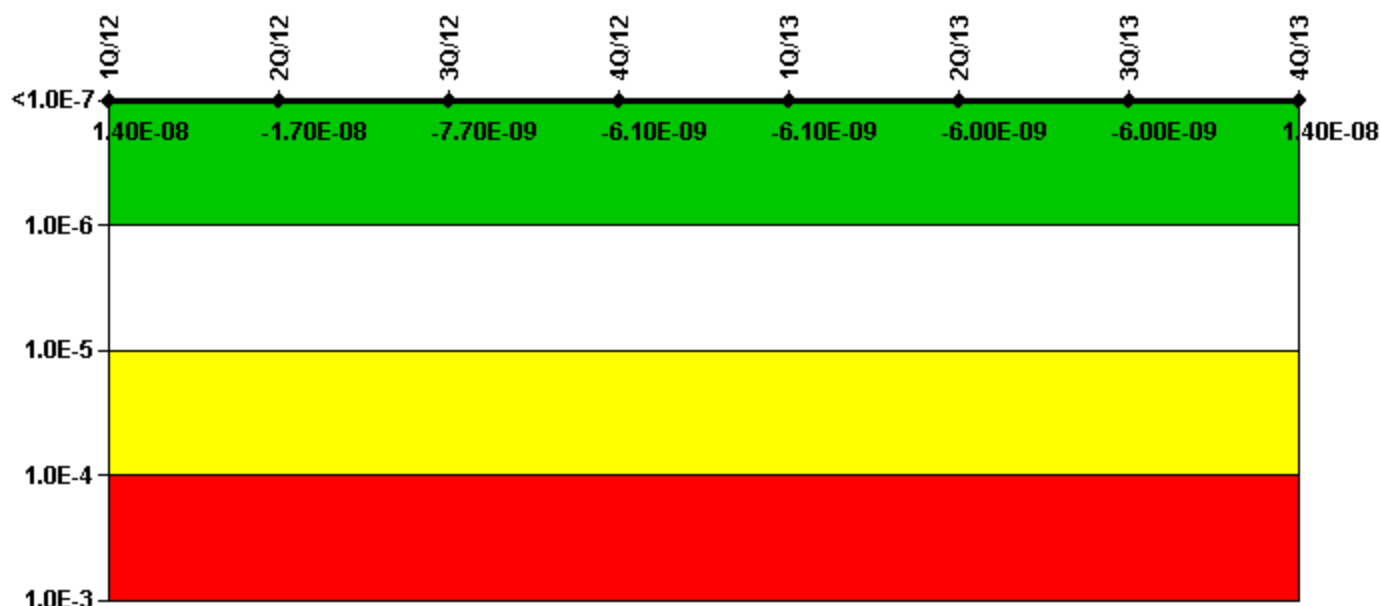
Notes

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 (Δ CDF)	3.11E-07	4.29E-07	6.56E-07	5.80E-07	5.33E-07	4.11E-07	5.22E-07	4.48E-07
URI (Δ CDF)	-1.72E-07	-1.72E-07	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.40E-07	2.60E-07	3.70E-07	3.00E-07	2.50E-07	1.30E-07	2.40E-07	1.60E-07

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



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

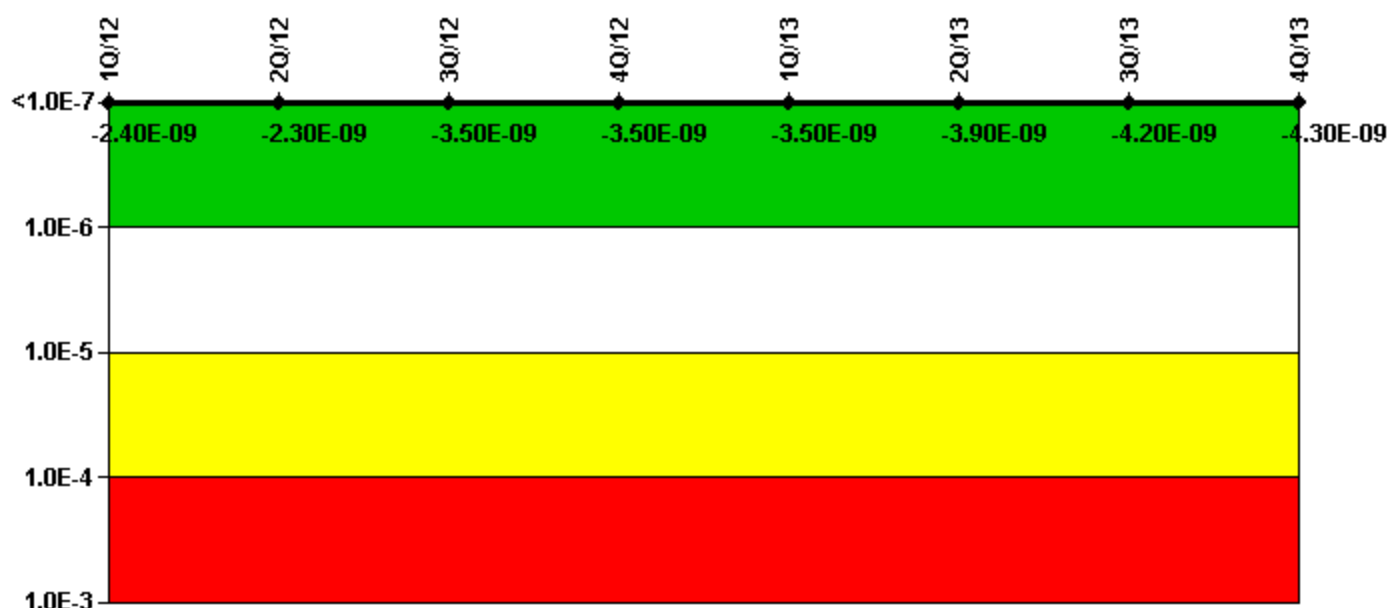
Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
UAI (Δ CDF)	2.90E-08	1.84E-08	2.04E-08	2.19E-08	2.19E-08	2.18E-08	2.18E-08	2.19E-08
URI (Δ CDF)	-1.51E-08	-3.49E-08	-2.80E-08	-2.80E-08	-2.80E-08	-2.78E-08	-2.78E-08	-7.44E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.40E-08	-1.70E-08	-7.70E-09	-6.10E-09	-6.10E-09	-6.00E-09	-6.00E-09	1.40E-08

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System



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

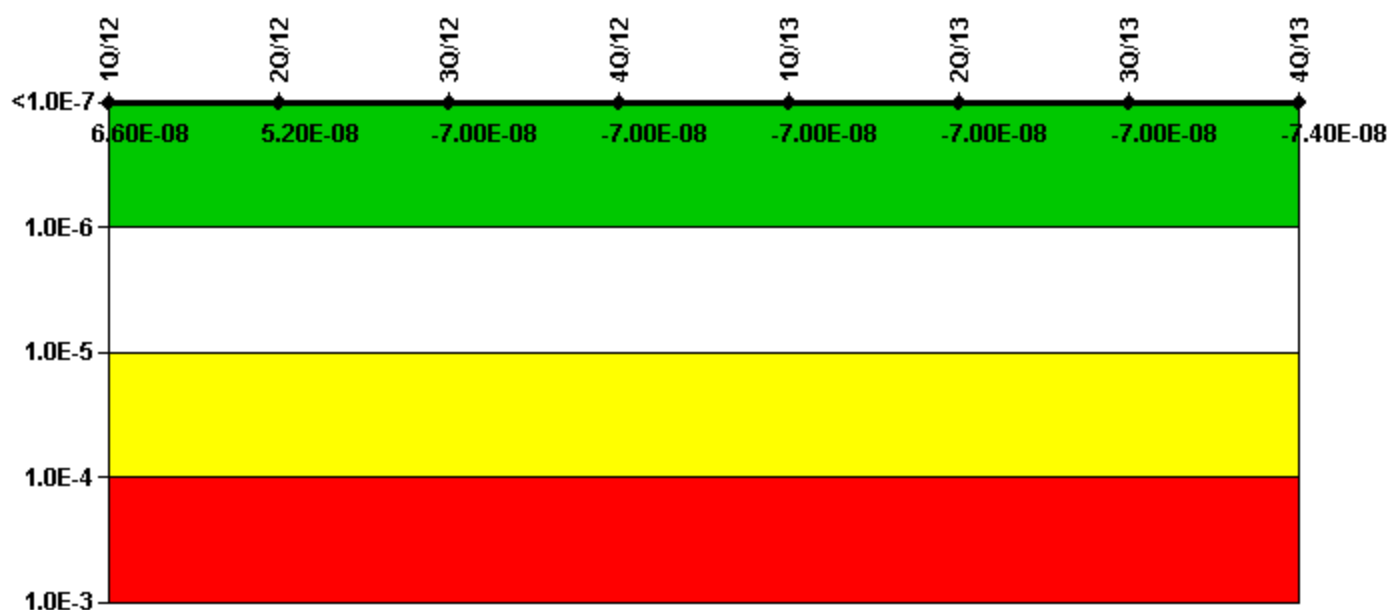
Notes

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 (Δ CDF)	-2.12E-10	-1.10E-10	-2.81E-10	-2.58E-10	-2.95E-10	-6.49E-10	-9.12E-10	-1.00E-09
URI (Δ CDF)	-2.16E-09	-2.16E-09	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.40E-09	-2.30E-09	-3.50E-09	-3.50E-09	-3.50E-09	-3.90E-09	-4.20E-09	-4.30E-09

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



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

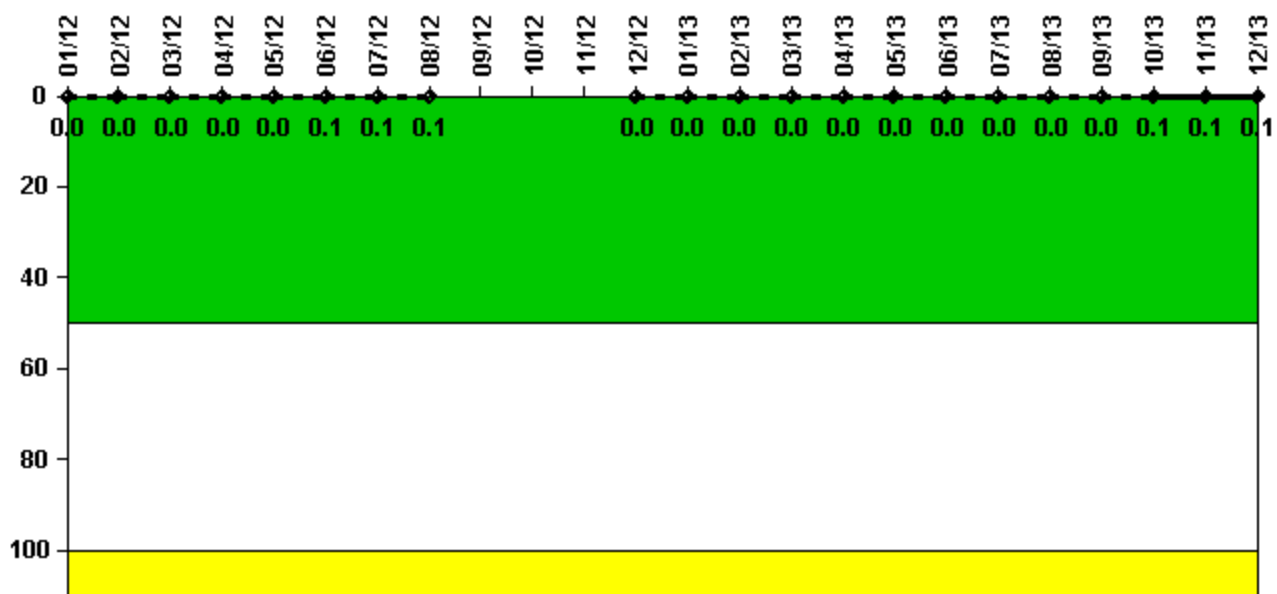
Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
UAI (Δ CDF)	7.44E-08	6.05E-08	-6.11E-08	-6.08E-08	-6.08E-08	-6.11E-08	-6.11E-08	-6.51E-08
URI (Δ CDF)	-8.37E-09	-8.37E-09	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	6.60E-08	5.20E-08	-7.00E-08	-7.00E-08	-7.00E-08	-7.00E-08	-7.00E-08	-7.40E-08

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

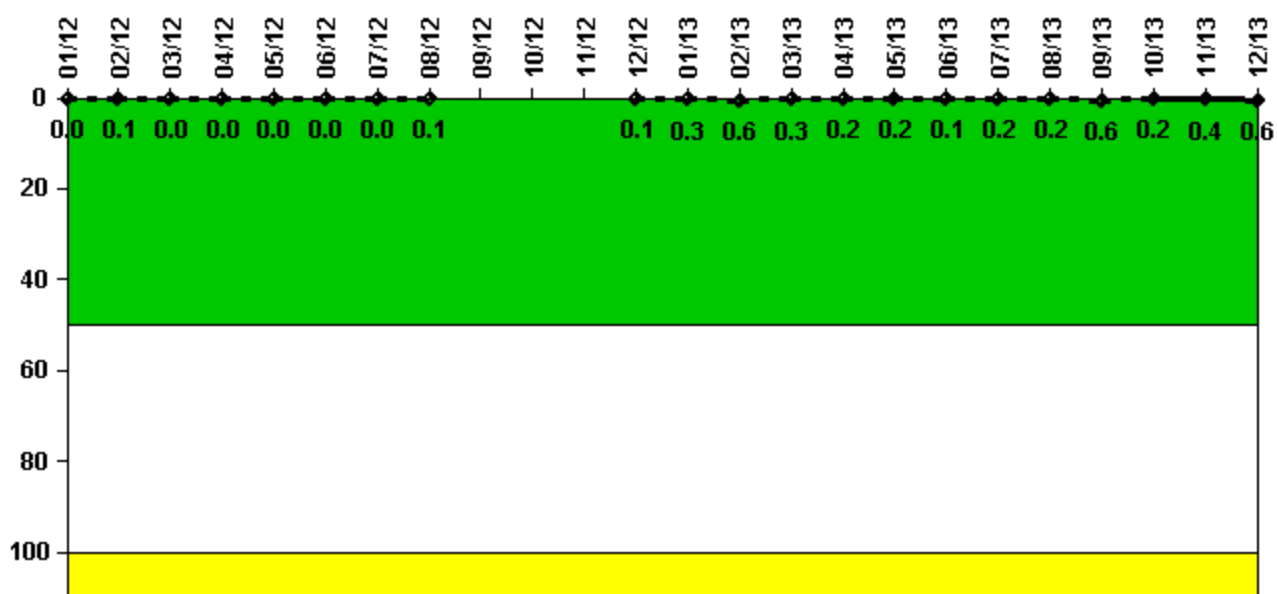
Notes

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	0.000392	0.000367	0.000370	0.000420	0.000407	0.000650	0.000604	0.000836	N/A	N/A	N/A	0.000269
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0.1	0.1	0.1	N/A	N/A	N/A	0

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	0.000282	0.000299	0.000304	0.000334	0.000324	0.000308	0.000323	0.000396	0.000457	0.001050	0.001220	0.001400
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



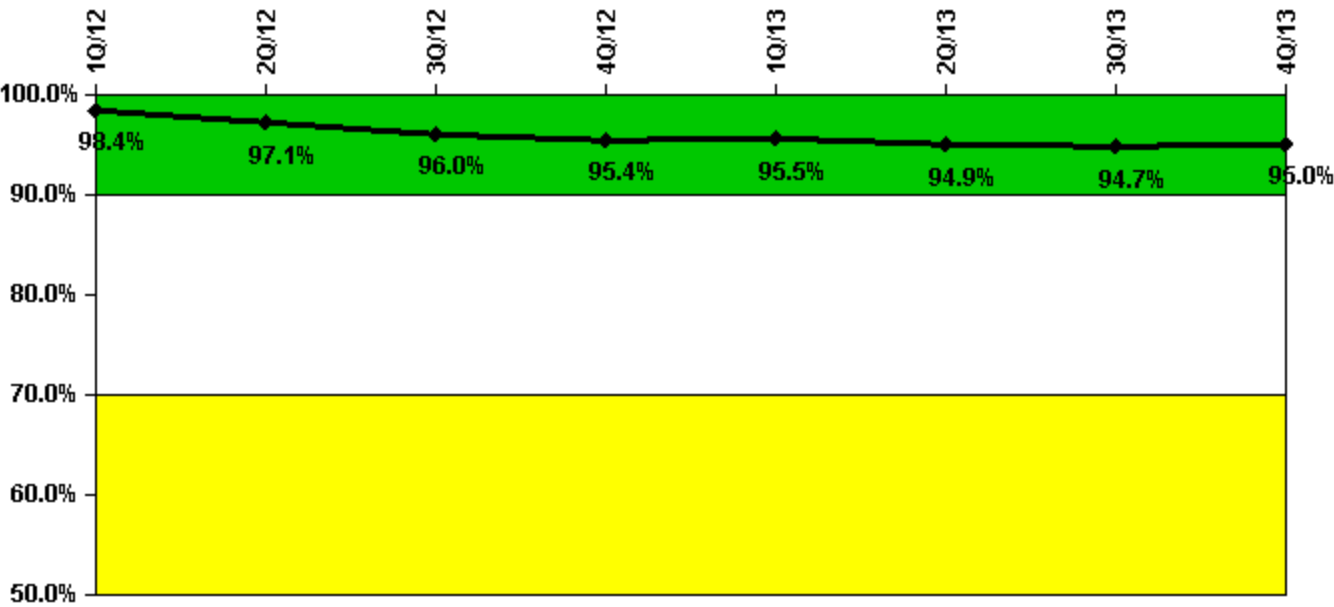
Thresholds: White > 50.0 Yellow > 100.0

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	0	0.013	0	0.002	0.001	0	0.004	0.005	N/A	N/A	N/A	0.009
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0.1	0	0	0	0	0	0.1	N/A	N/A	N/A	0.1
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	0.030	0.060	0.027	0.016	0.024	0.009	0.015	0.022	0.057	0.015	0.038	0.057
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.6	0.3	0.2	0.2	0.1	0.2	0.2	0.6	0.2	0.4	0.6

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

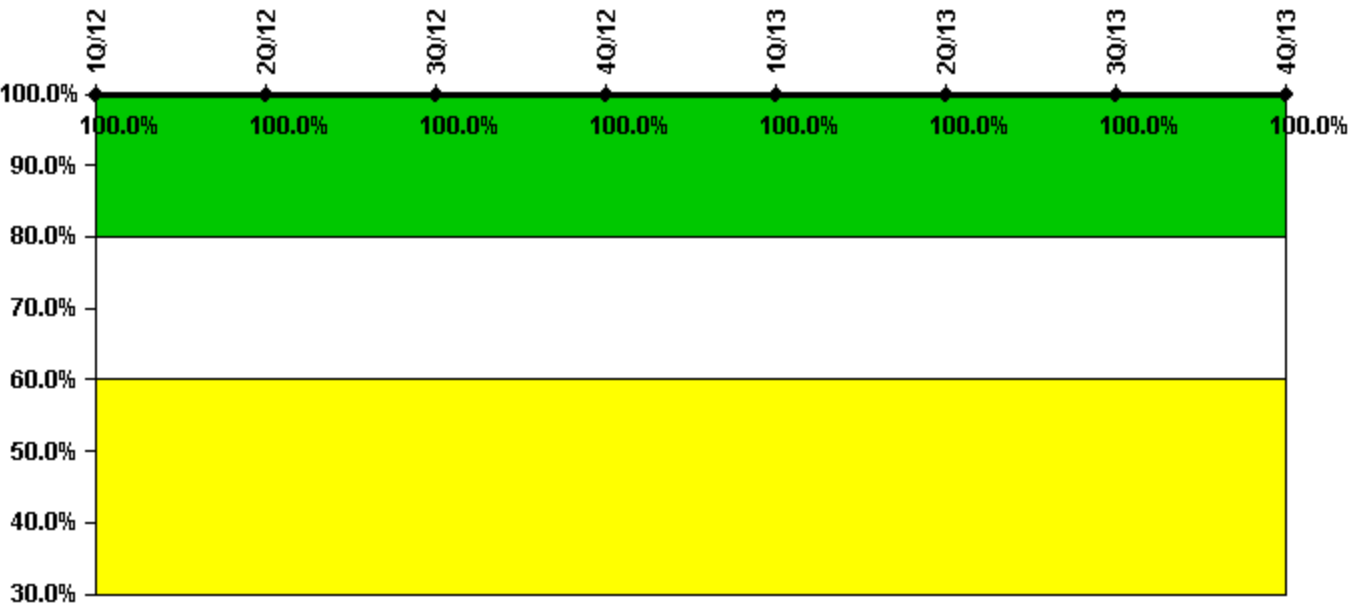
Notes

Drill/Exercise Performance	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Successful opportunities	0	69.0	49.0	0	95.0	56.0	79.0	29.0
Total opportunities	0	75.0	54.0	0	99.0	58.0	81.0	30.0
Indicator value	98.4%	97.1%	96.0%	95.4%	95.5%	94.9%	94.7%	95.0%

Licensee Comments:

2Q/13: Change to June 13 total drill, exercise and event opportunities

ERO Drill Participation



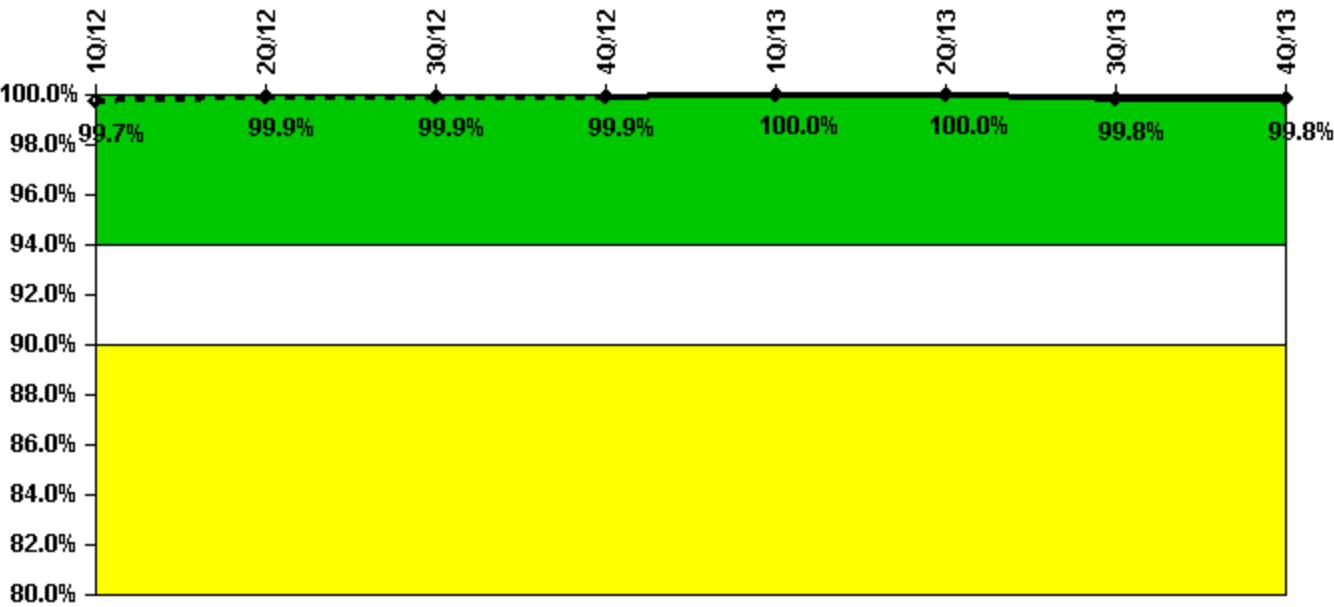
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Participating Key personnel	93.0	94.0	93.0	93.0	106.0	102.0	109.0	113.0
Total Key personnel	93.0	94.0	93.0	93.0	106.0	102.0	109.0	113.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



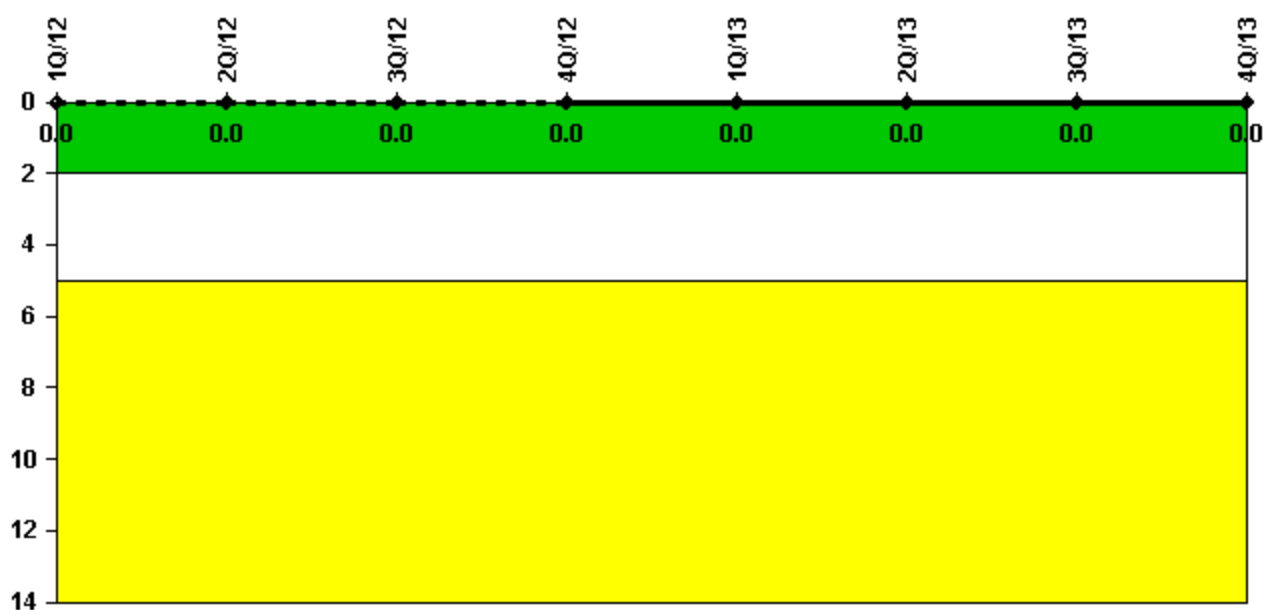
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Successful siren-tests	628	720	630	720	629	720	626	715
Total sirens-tests	630	720	630	720	630	720	630	715
Indicator value	99.7%	99.9%	99.9%	99.9%	100.0%	100.0%	99.8%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness

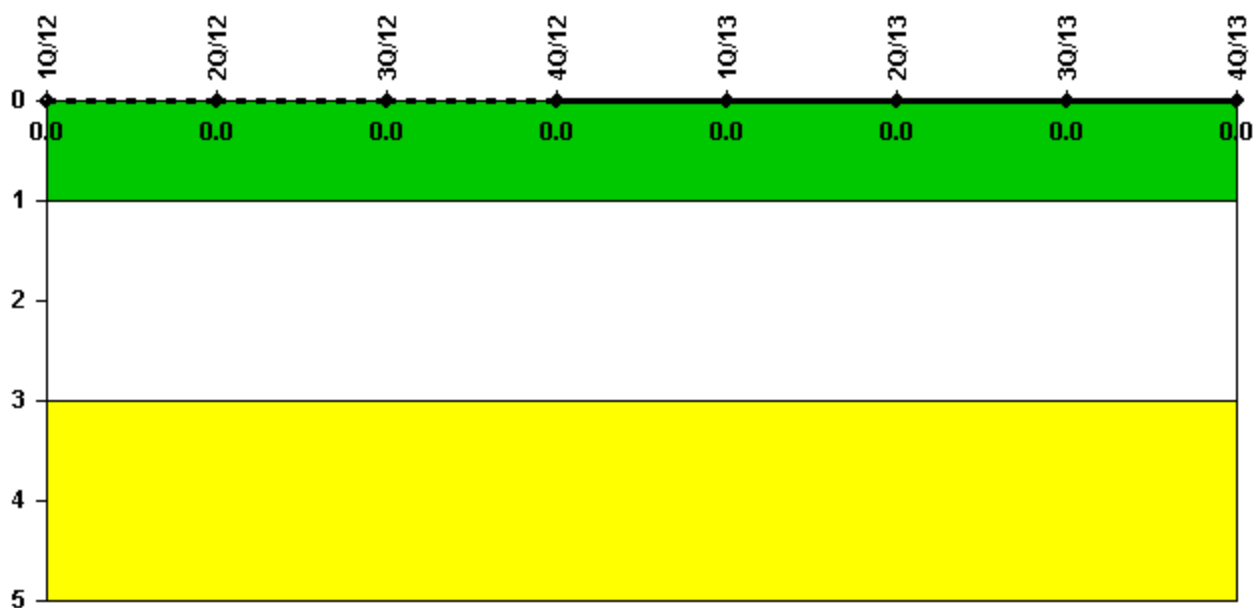


Thresholds: White > 2.0 Yellow > 5.0

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
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	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

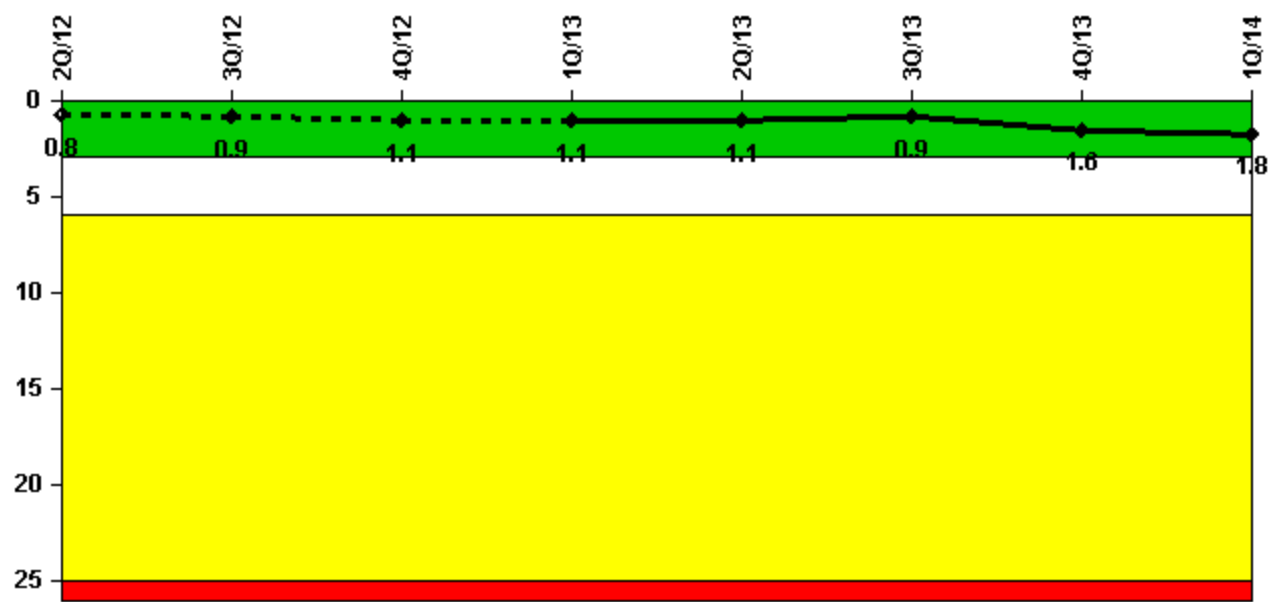
Saint Lucie 2

1Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



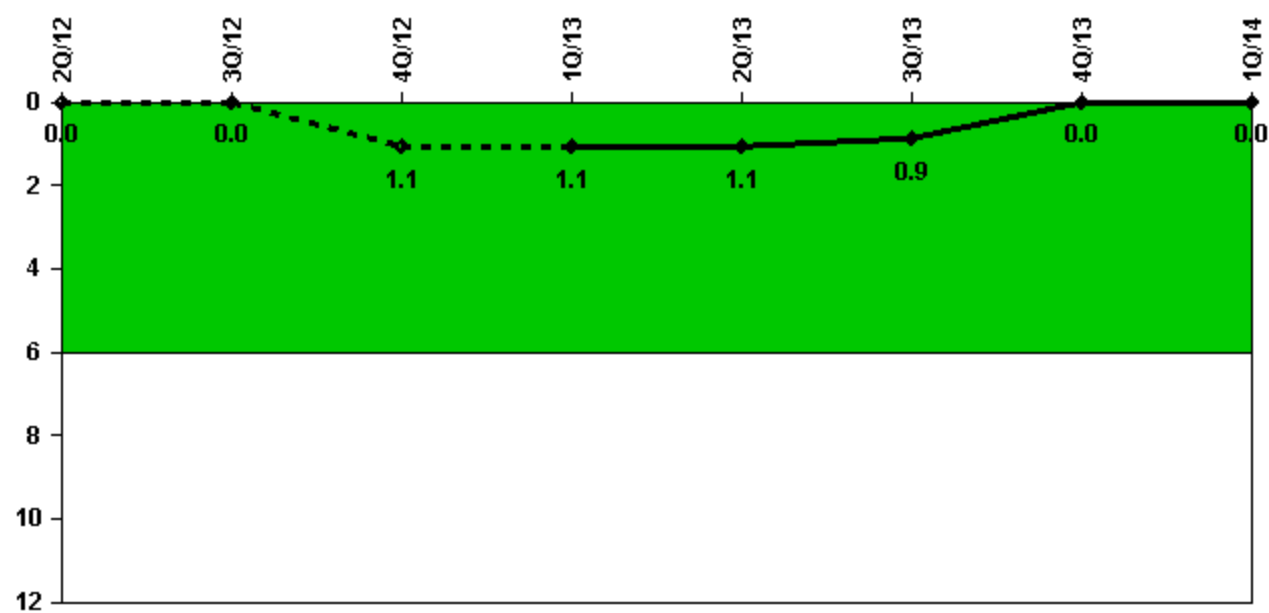
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Unplanned scrams	1.0	0	0	0	1.0	0	1.0	0
Critical hours	2146.2	857.1	1007.1	2159.0	2127.5	2208.0	2156.9	1464.0
Indicator value	0.8	0.9	1.1	1.1	1.1	0.9	1.6	1.8

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



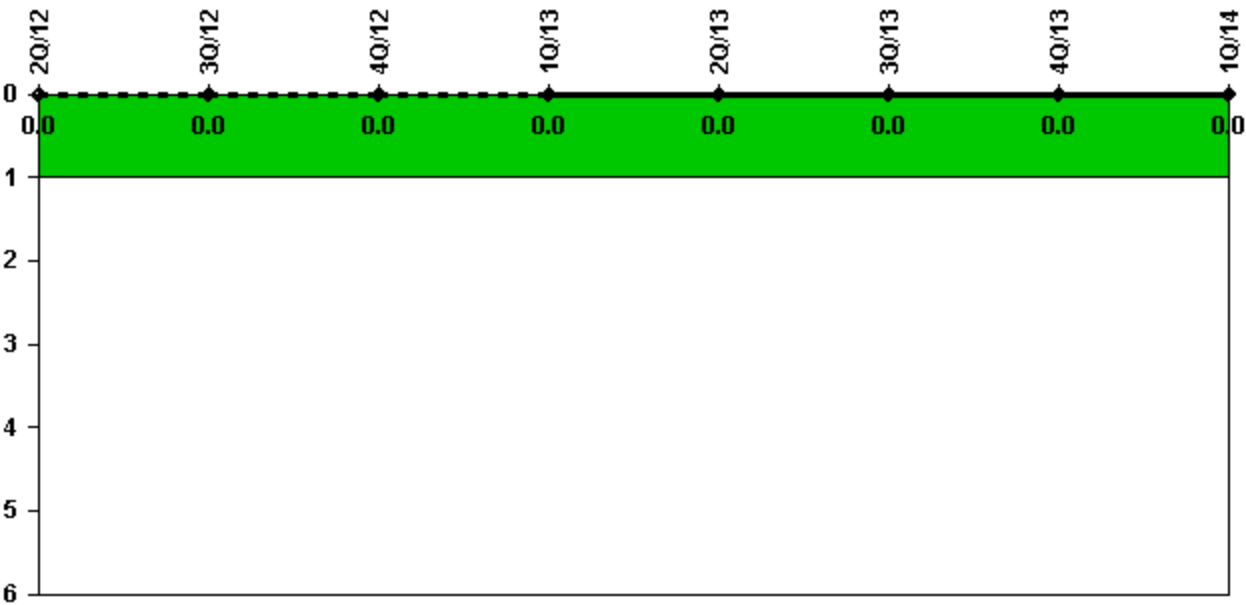
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Unplanned power changes	0	0	1.0	0	0	0	0	0
Critical hours	2146.2	857.1	1007.1	2159.0	2127.5	2208.0	2156.9	1464.0
Indicator value	0	0	1.1	1.1	1.1	0.9	0	0

Licensee Comments: none

Unplanned Scrams with Complications



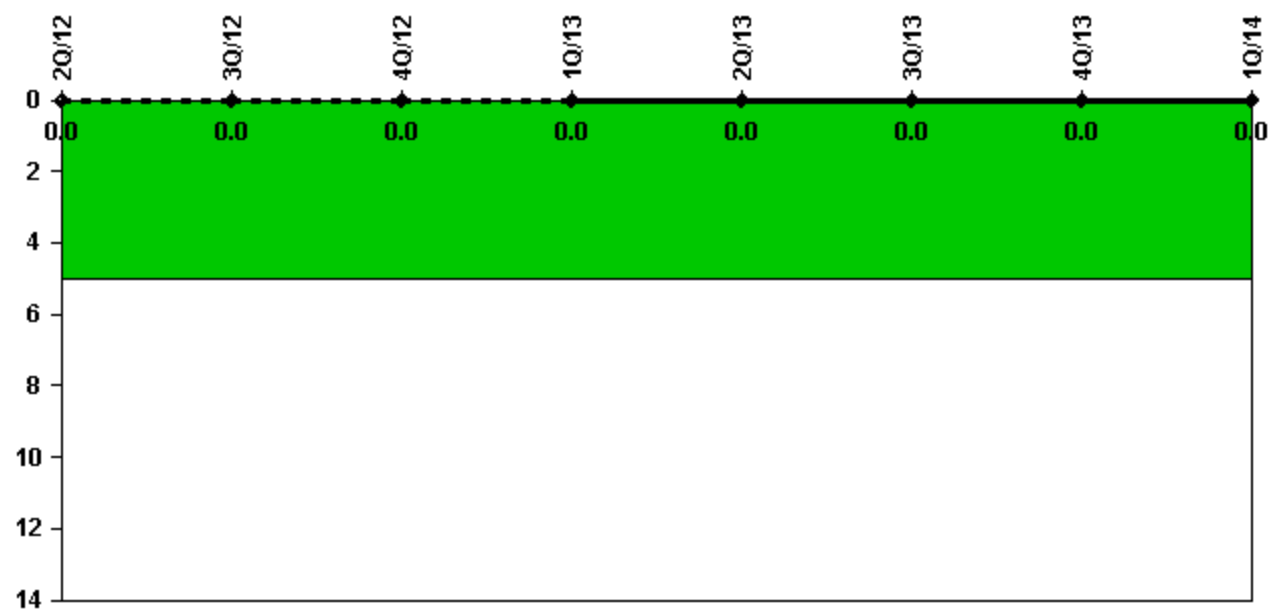
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
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 (PWR)



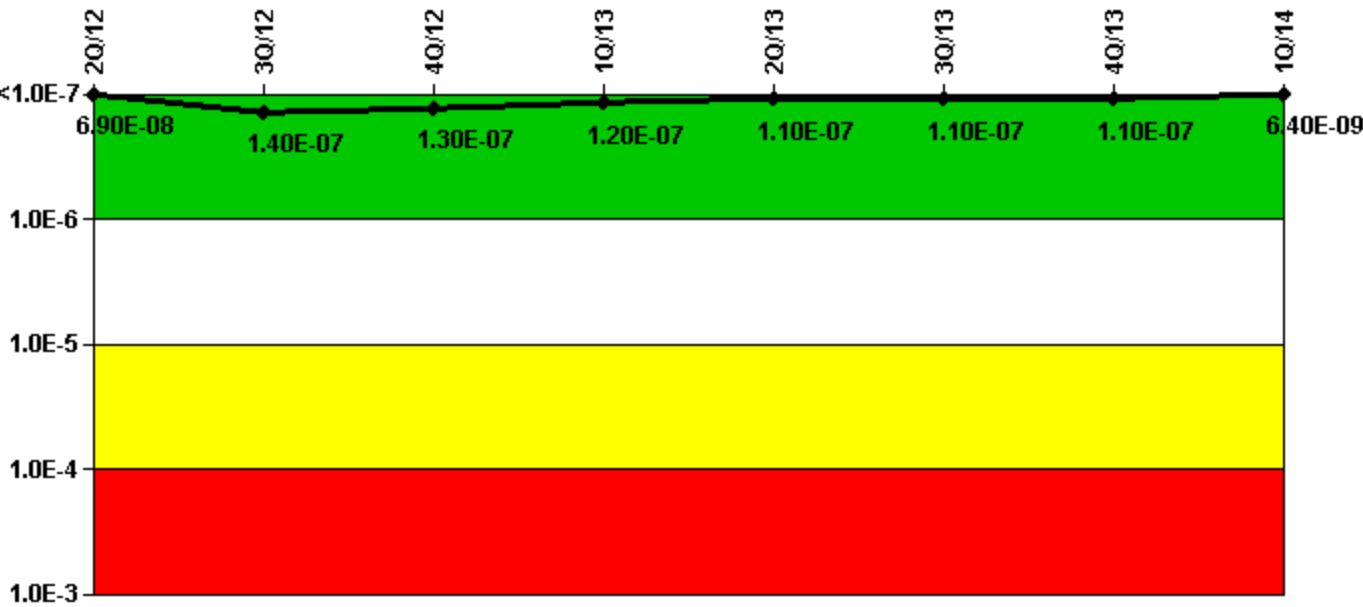
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



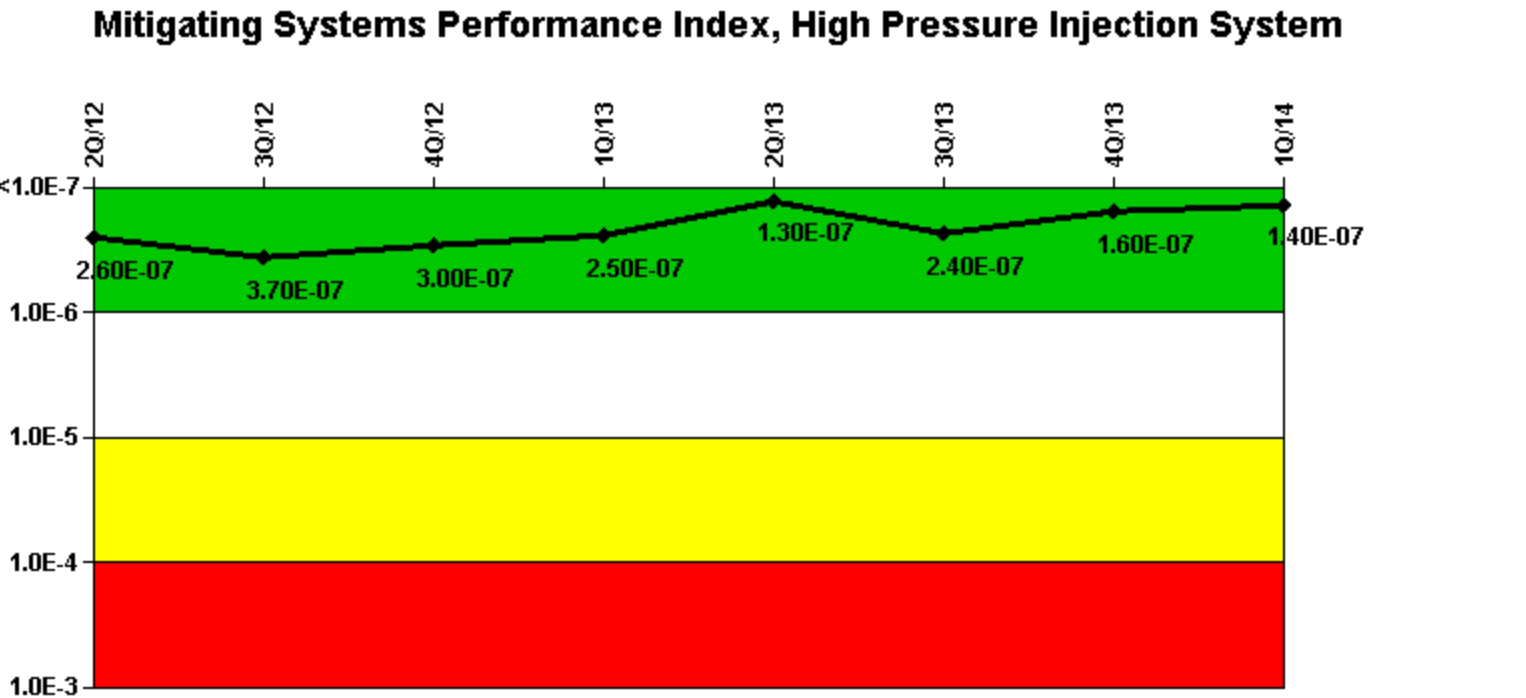
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
UAI (ΔCDF)	1.52E-08	5.15E-08	5.60E-08	1.81E-08	4.81E-09	2.69E-09	2.03E-09	6.22E-09
URI (ΔCDF)	5.35E-08	9.22E-08	7.37E-08	1.03E-07	1.08E-07	1.10E-07	1.11E-07	1.32E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	6.90E-08	1.40E-07	1.30E-07	1.20E-07	1.10E-07	1.10E-07	1.10E-07	6.40E-09

Licensee Comments:

3Q/12: Changed PRA Parameter(s).



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

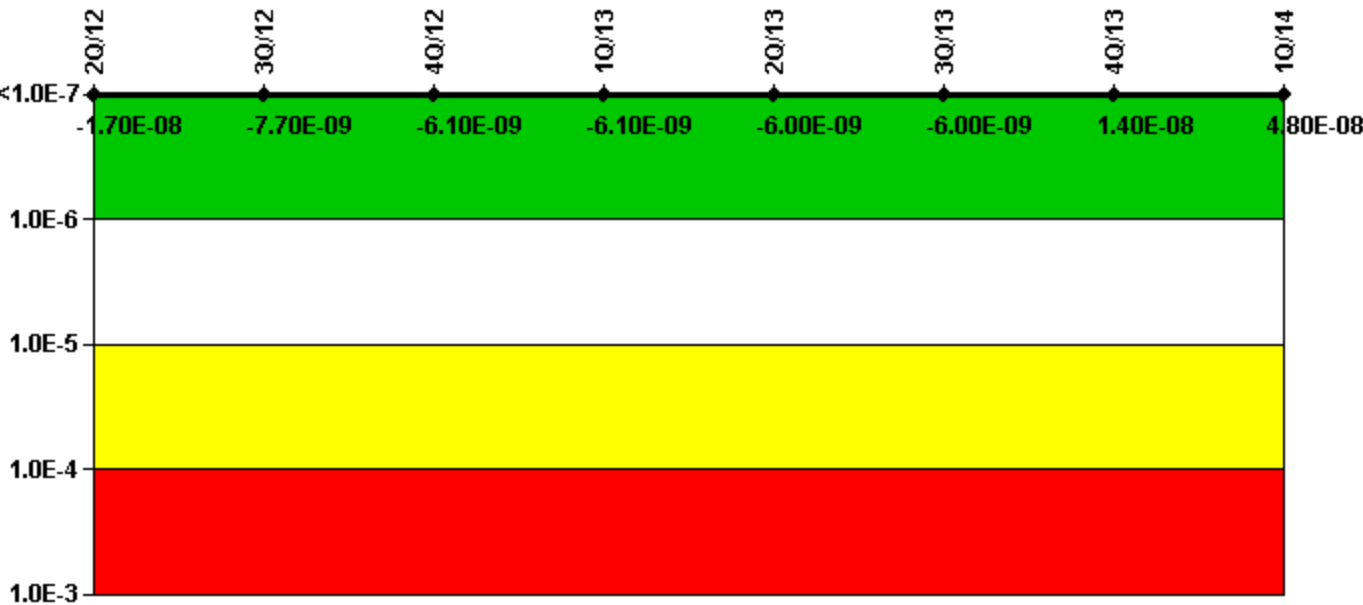
Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
UAI (ΔCDF)	4.29E-07	6.56E-07	5.80E-07	5.33E-07	4.11E-07	5.22E-07	4.48E-07	4.22E-07
URI (ΔCDF)	-1.72E-07	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.60E-07	3.70E-07	3.00E-07	2.50E-07	1.30E-07	2.40E-07	1.60E-07	1.40E-07

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



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

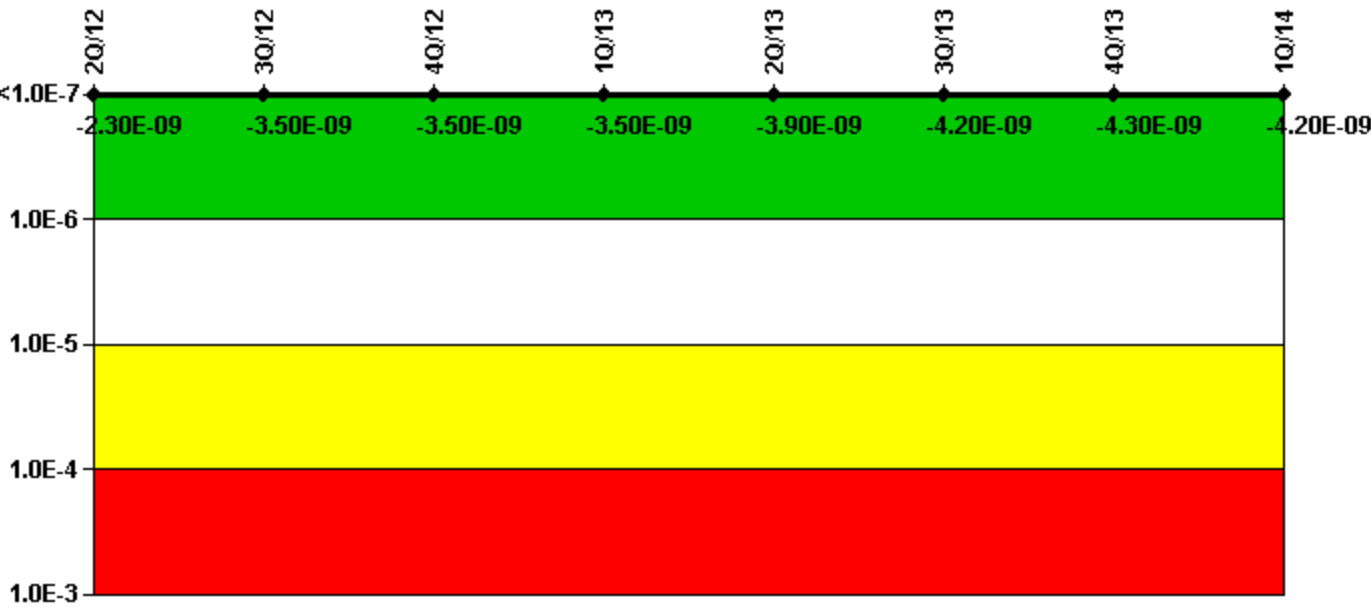
Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
UAI (ΔCDF)	1.84E-08	2.04E-08	2.19E-08	2.19E-08	2.18E-08	2.18E-08	2.19E-08	2.01E-08
URI (ΔCDF)	-3.49E-08	-2.80E-08	-2.80E-08	-2.80E-08	-2.78E-08	-2.78E-08	-7.44E-09	2.77E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.70E-08	-7.70E-09	-6.10E-09	-6.10E-09	-6.00E-09	-6.00E-09	1.40E-08	4.80E-08

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System



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

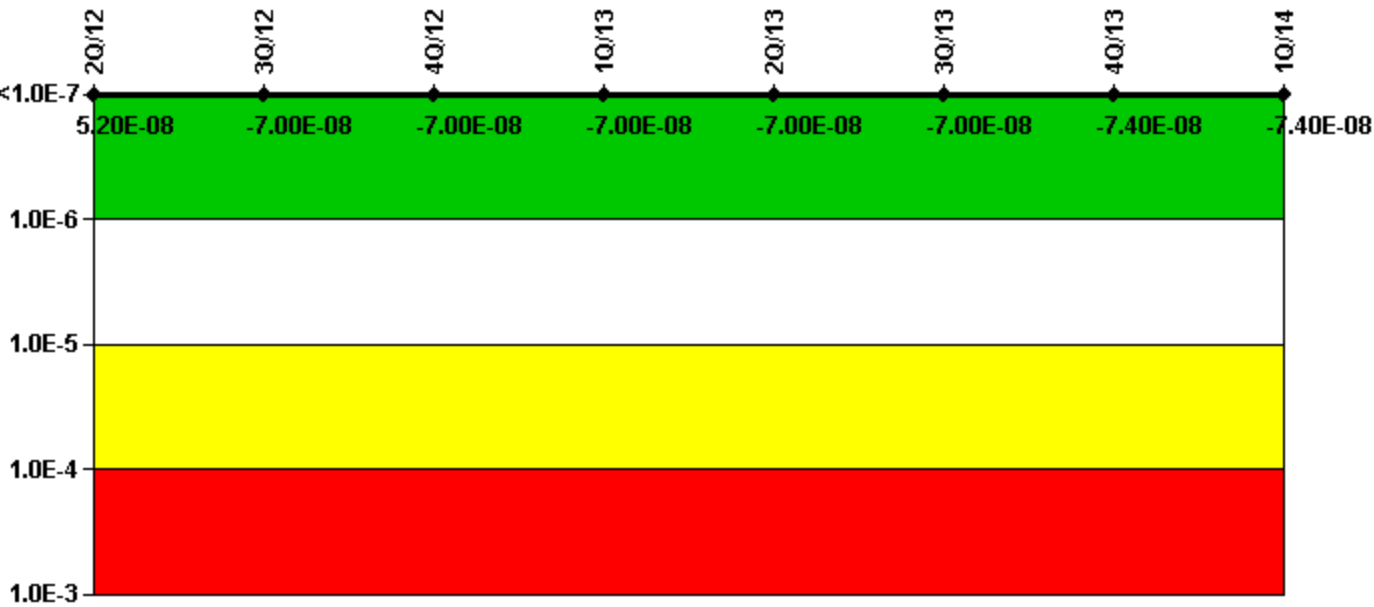
Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
UAI (ΔCDF)	-1.10E-10	-2.81E-10	-2.58E-10	-2.95E-10	-6.49E-10	-9.12E-10	-1.00E-09	-9.67E-10
URI (ΔCDF)	-2.16E-09	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.30E-09	-3.50E-09	-3.50E-09	-3.50E-09	-3.90E-09	-4.20E-09	-4.30E-09	-4.20E-09

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



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

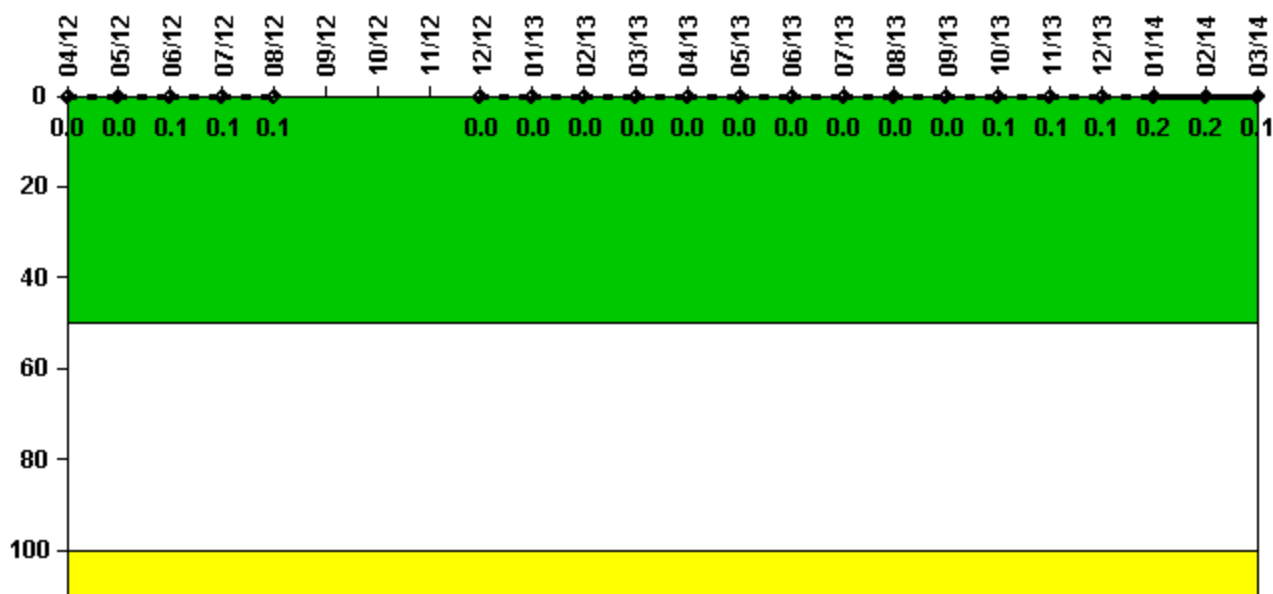
Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
UAI (ΔCDF)	6.05E-08	-6.11E-08	-6.08E-08	-6.08E-08	-6.11E-08	-6.11E-08	-6.51E-08	-6.51E-08
URI (ΔCDF)	-8.37E-09	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	5.20E-08	-7.00E-08	-7.00E-08	-7.00E-08	-7.00E-08	-7.00E-08	-7.40E-08	-7.40E-08

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

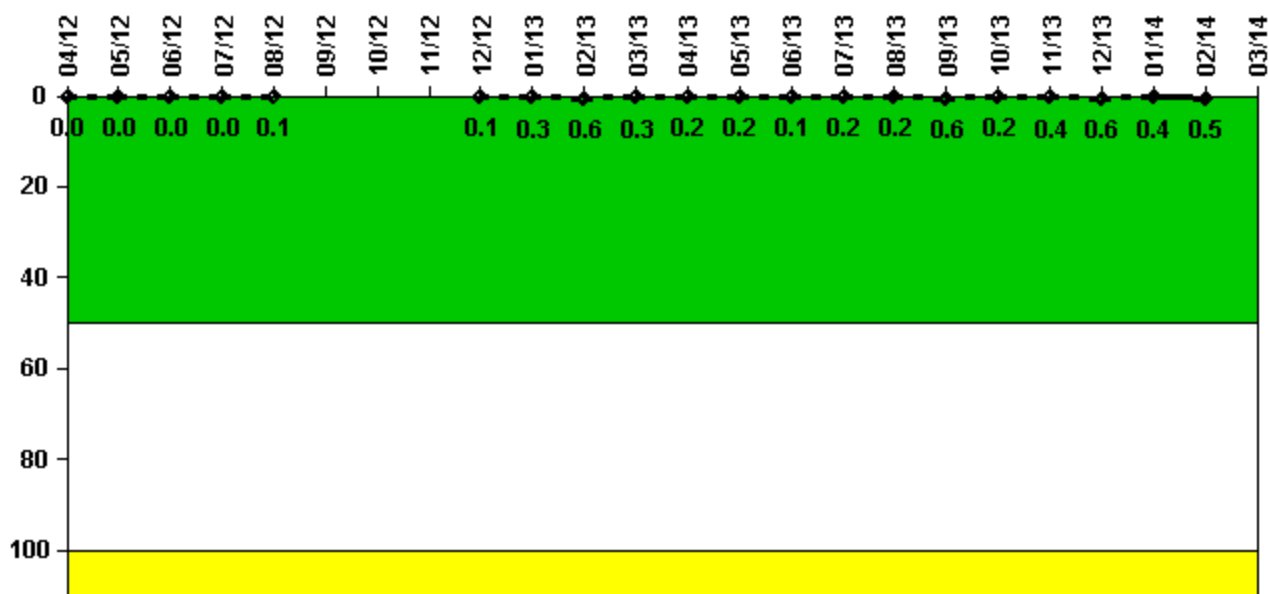
Notes

Reactor Coolant System Activity	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	12/12	1/13	2/13	3/13
Maximum activity	0.000420	0.000407	0.000650	0.000604	0.000836	N/A	N/A	N/A	0.000269	0.000282	0.000299	0.000304
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0.1	0.1	0.1	N/A	N/A	N/A	0	0	0	0

Reactor Coolant System Activity	4/13	5/13	6/13	7/13	8/13	9/13	10/13	11/13	12/13	1/14	2/14	3/14
Maximum activity	0.000334	0.000324	0.000308	0.000323	0.000396	0.000457	0.001050	0.001220	0.001400	0.002040	0.001890	0.001210
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0.1	0.1	0.1	0.2	0.2	0.1

Licensee Comments: none

Reactor Coolant System Leakage



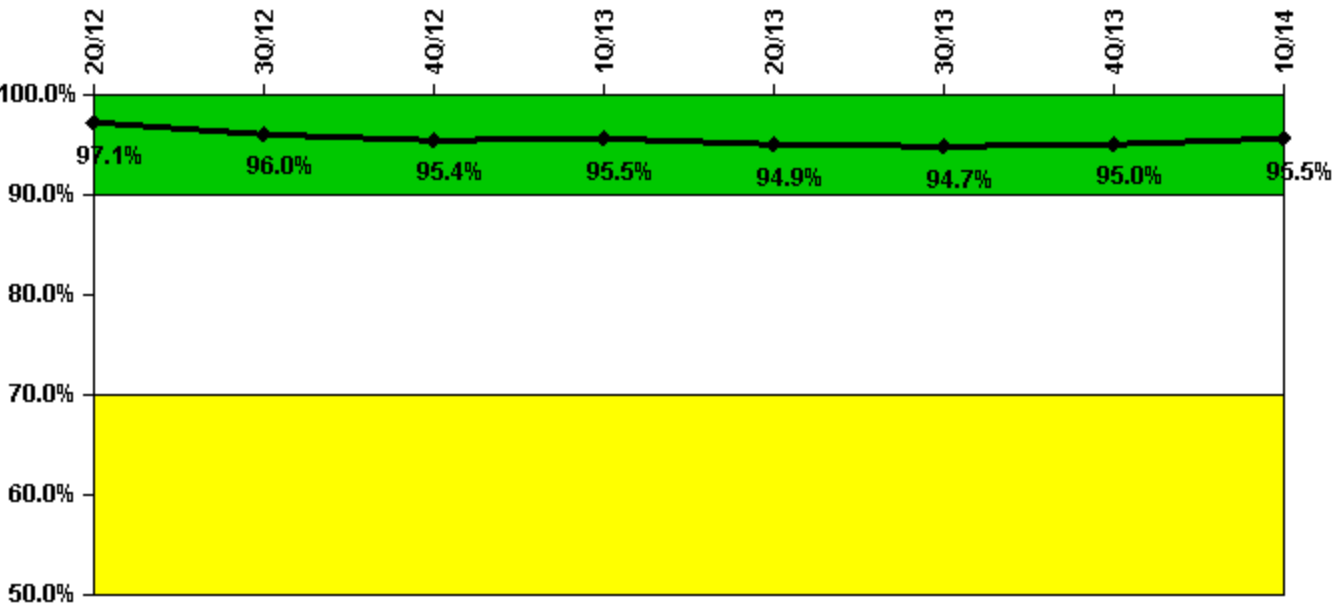
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	12/12	1/13	2/13	3/13
Maximum leakage	0.002	0.001	0	0.004	0.005	N/A	N/A	N/A	0.009	0.030	0.060	0.027
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0	0	0	0.1	N/A	N/A	N/A	0.1	0.3	0.6	0.3
Reactor Coolant System Leakage	4/13	5/13	6/13	7/13	8/13	9/13	10/13	11/13	12/13	1/14	2/14	3/14
Maximum leakage	0.016	0.024	0.009	0.015	0.022	0.057	0.015	0.038	0.057	0.040	0.050	N/A
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.2	0.1	0.2	0.2	0.6	0.2	0.4	0.6	0.4	0.5	N/A

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

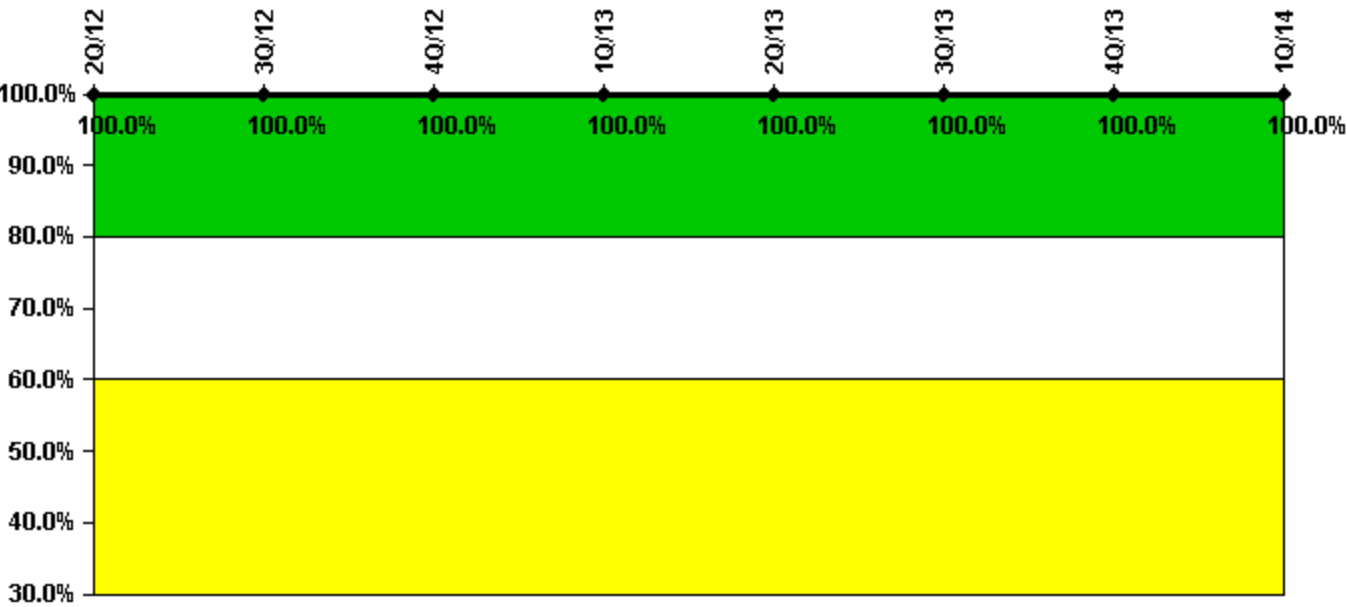
Notes

Drill/Exercise Performance	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Successful opportunities	69.0	49.0	0	95.0	56.0	79.0	29.0	50.0
Total opportunities	75.0	54.0	0	99.0	58.0	81.0	30.0	50.0
Indicator value	97.1%	96.0%	95.4%	95.5%	94.9%	94.7%	95.0%	95.5%

Licensee Comments:

2Q/13: Change to June 13 total drill, exercise and event opportunities

ERO Drill Participation



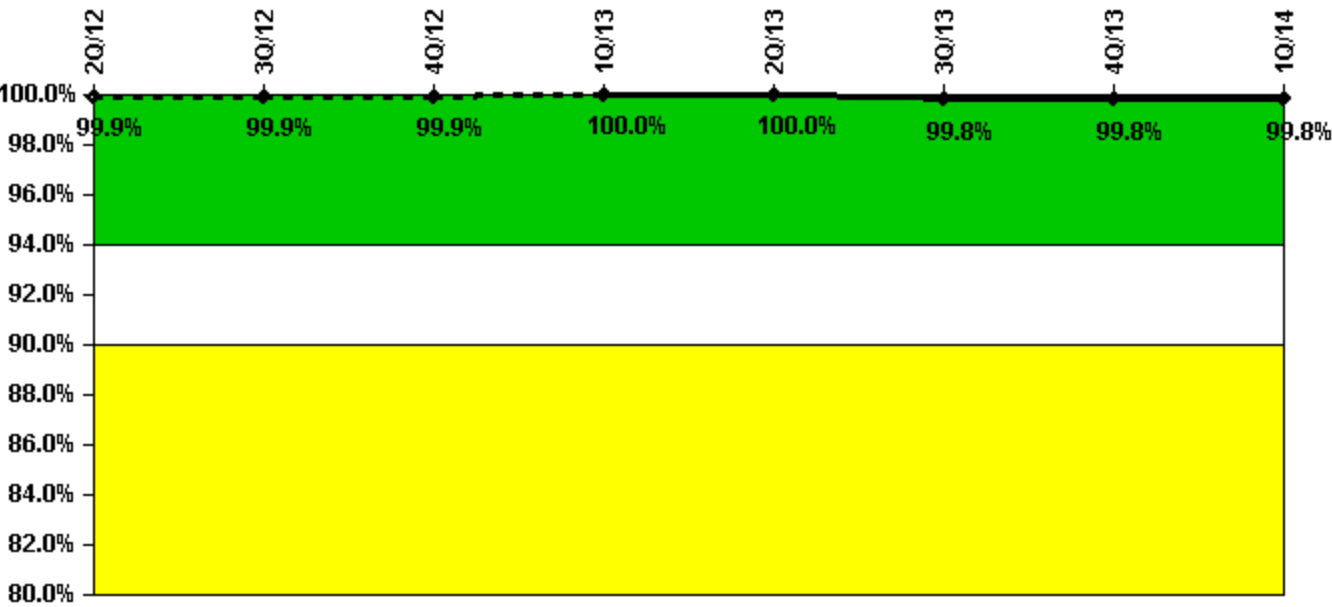
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Participating Key personnel	94.0	93.0	93.0	106.0	102.0	109.0	113.0	114.0
Total Key personnel	94.0	93.0	93.0	106.0	102.0	109.0	113.0	114.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



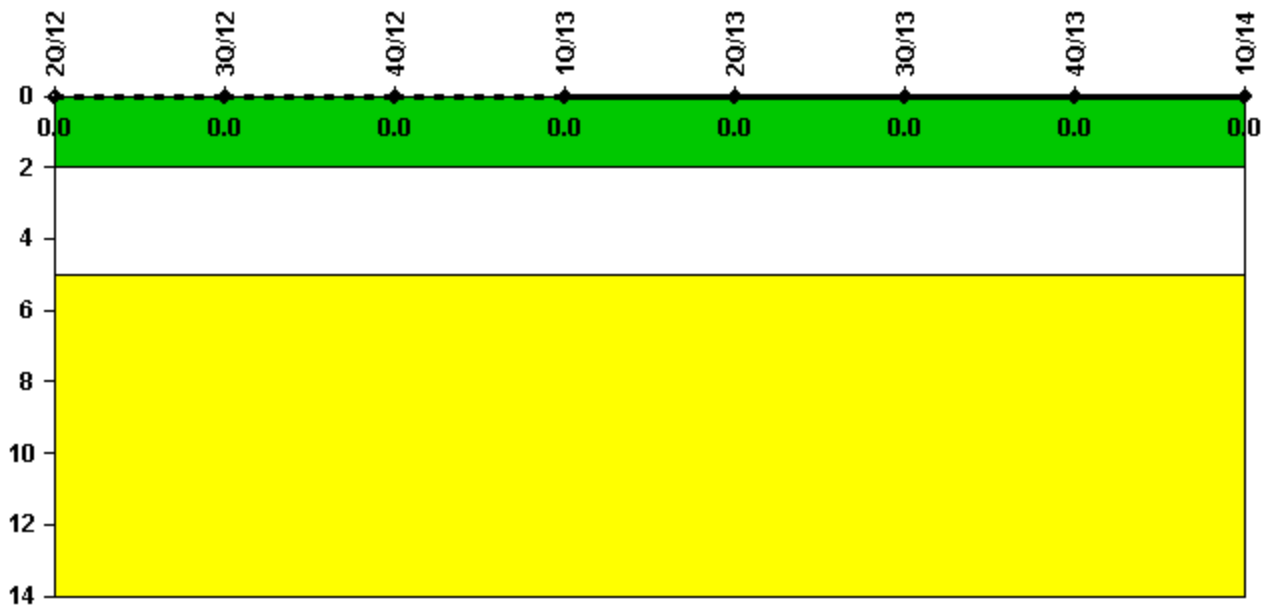
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Successful siren-tests	720	630	720	629	720	626	715	719
Total sirens-tests	720	630	720	630	720	630	715	720
Indicator value	99.9%	99.9%	99.9%	100.0%	100.0%	99.8%	99.8%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



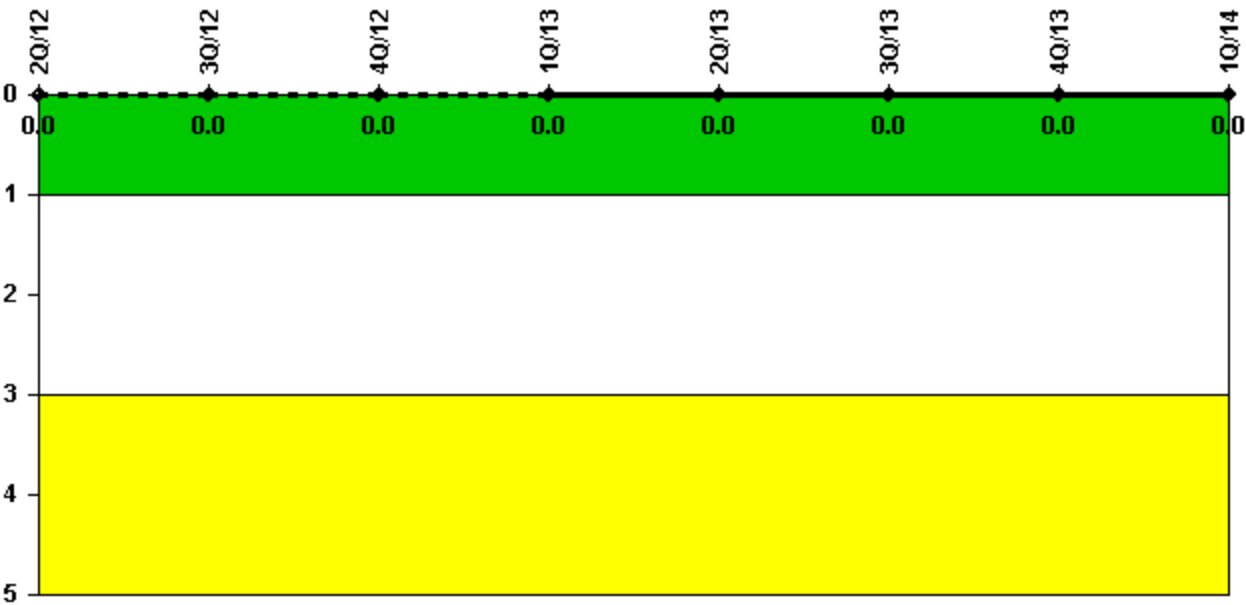
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
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/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
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: April 23, 2014

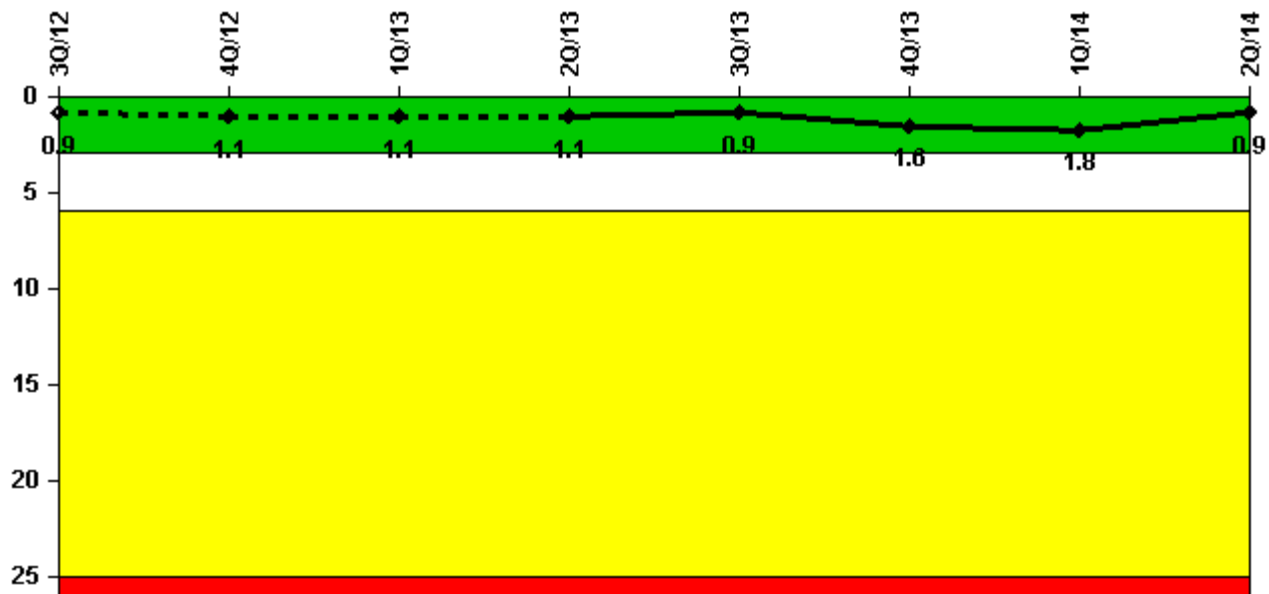
Saint Lucie 2

2Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



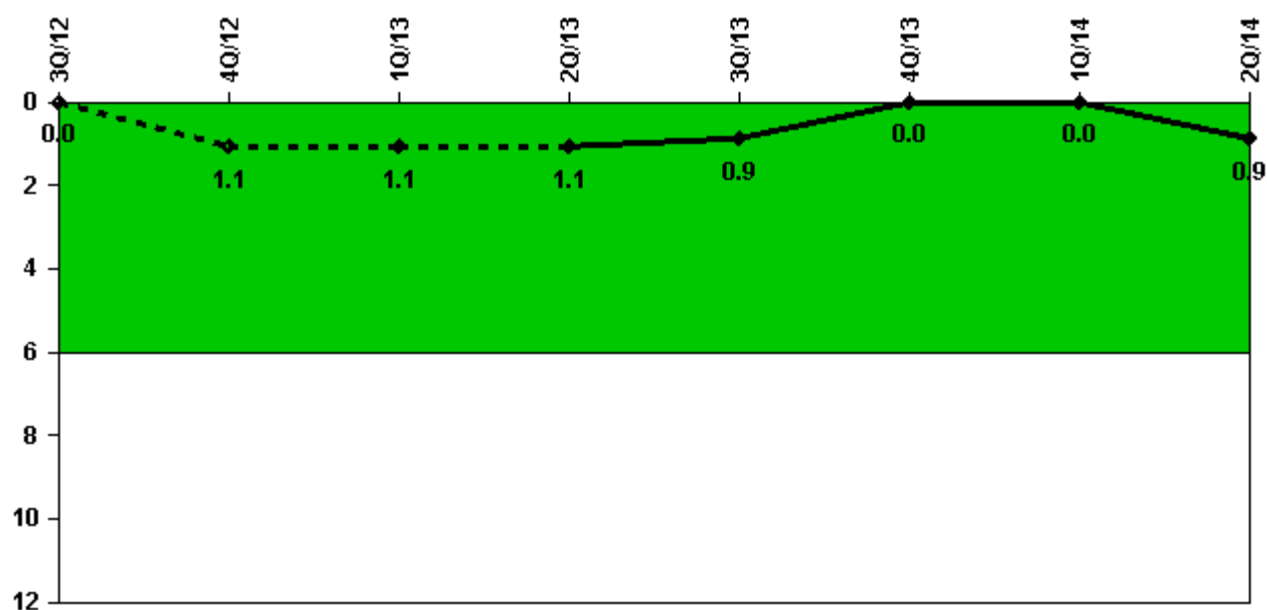
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Unplanned scrams	0	0	0	1.0	0	1.0	0	0
Critical hours	857.1	1007.1	2159.0	2127.5	2208.0	2156.9	1464.0	1666.8
Indicator value	0.9	1.1	1.1	1.1	0.9	1.6	1.8	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



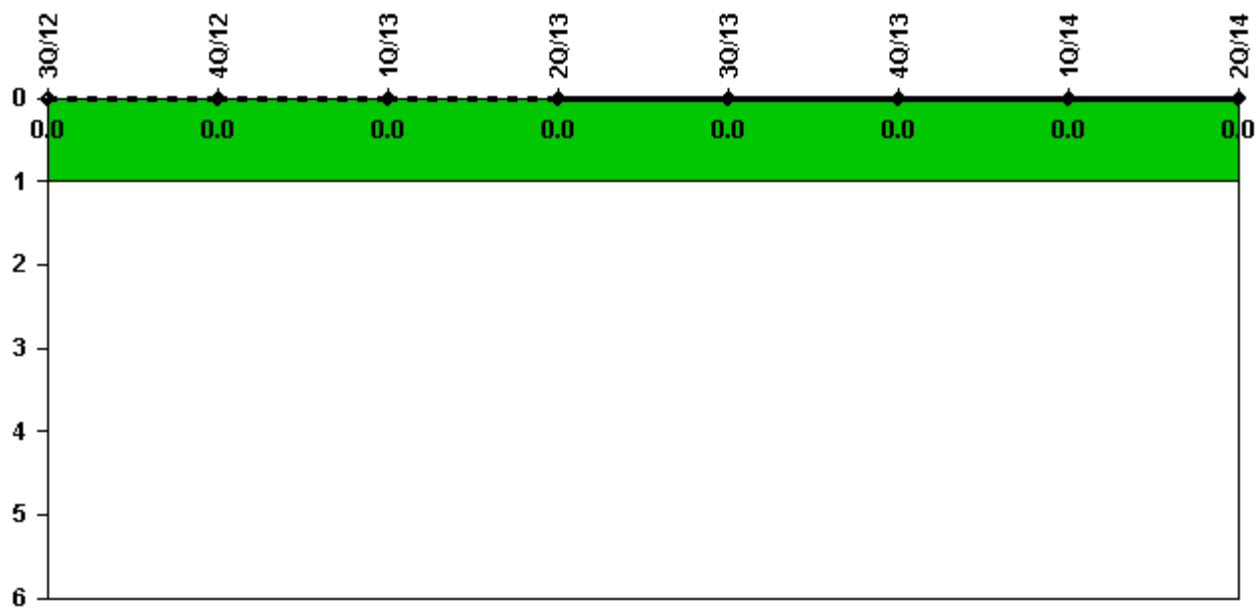
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Unplanned power changes	0	1.0	0	0	0	0	0	1.0
Critical hours	857.1	1007.1	2159.0	2127.5	2208.0	2156.9	1464.0	1666.8
Indicator value	0	1.1	1.1	1.1	0.9	0	0	0.9

Licensee Comments: none

Unplanned Scrams with Complications



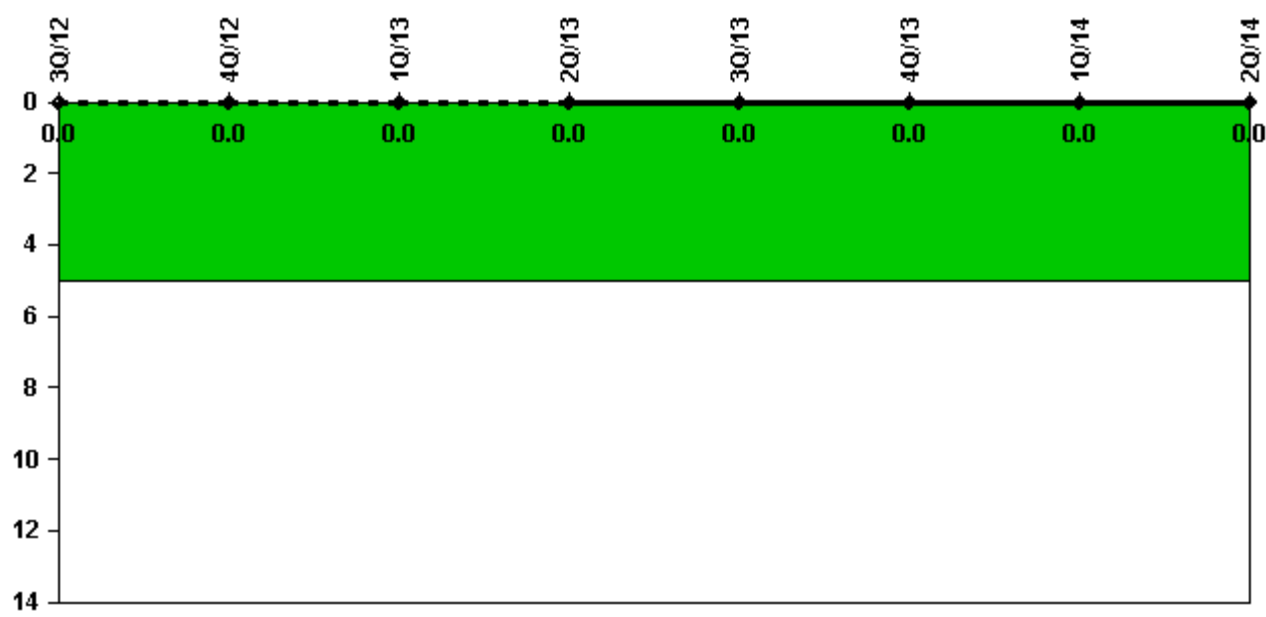
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
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 (PWR)



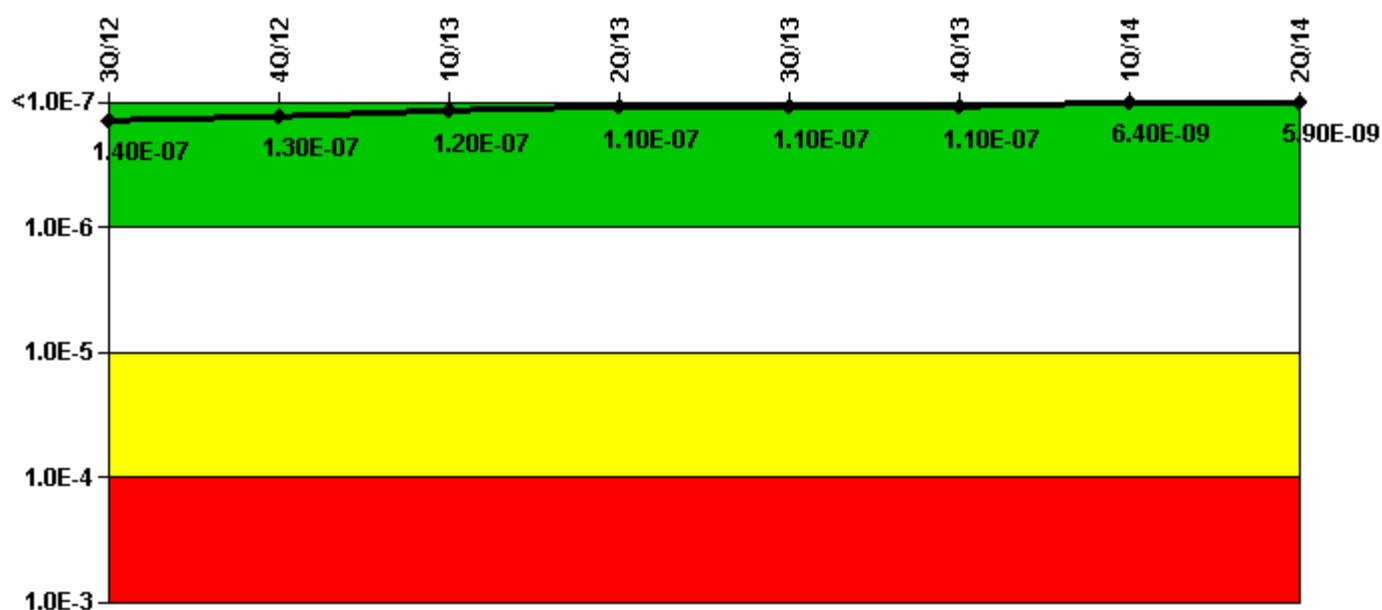
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	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

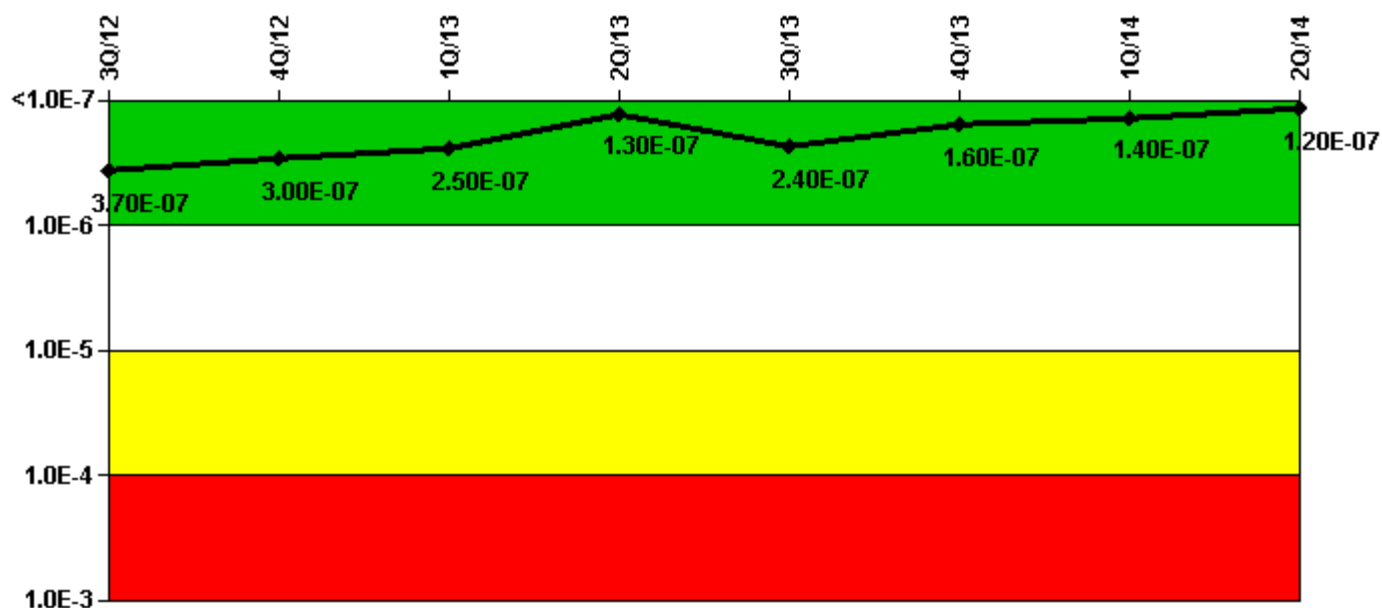
Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
UAI (Δ CDF)	5.15E-08	5.60E-08	1.81E-08	4.81E-09	2.69E-09	2.03E-09	6.22E-09	5.25E-09
URI (Δ CDF)	9.22E-08	7.37E-08	1.03E-07	1.08E-07	1.10E-07	1.11E-07	1.32E-10	5.99E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.40E-07	1.30E-07	1.20E-07	1.10E-07	1.10E-07	1.10E-07	6.40E-09	5.90E-09

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, High Pressure Injection System



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

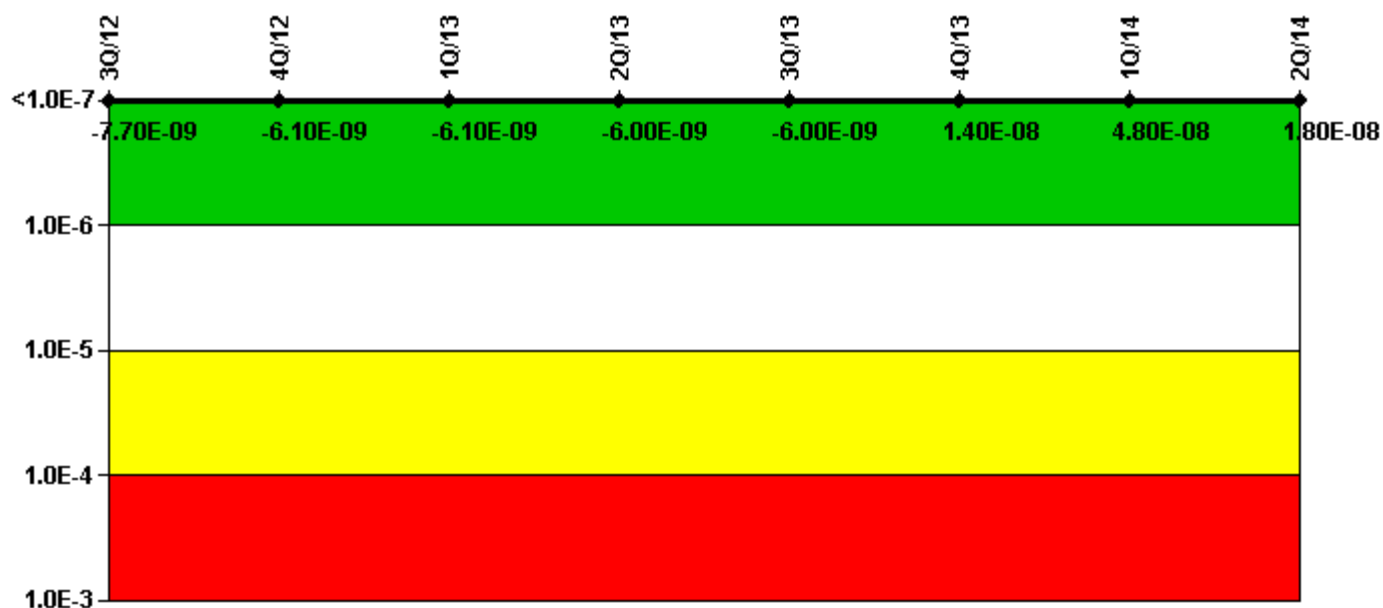
Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
UAI (Δ CDF)	6.56E-07	5.80E-07	5.33E-07	4.11E-07	5.22E-07	4.48E-07	4.22E-07	4.02E-07
URI (Δ CDF)	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.70E-07	3.00E-07	2.50E-07	1.30E-07	2.40E-07	1.60E-07	1.40E-07	1.20E-07

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



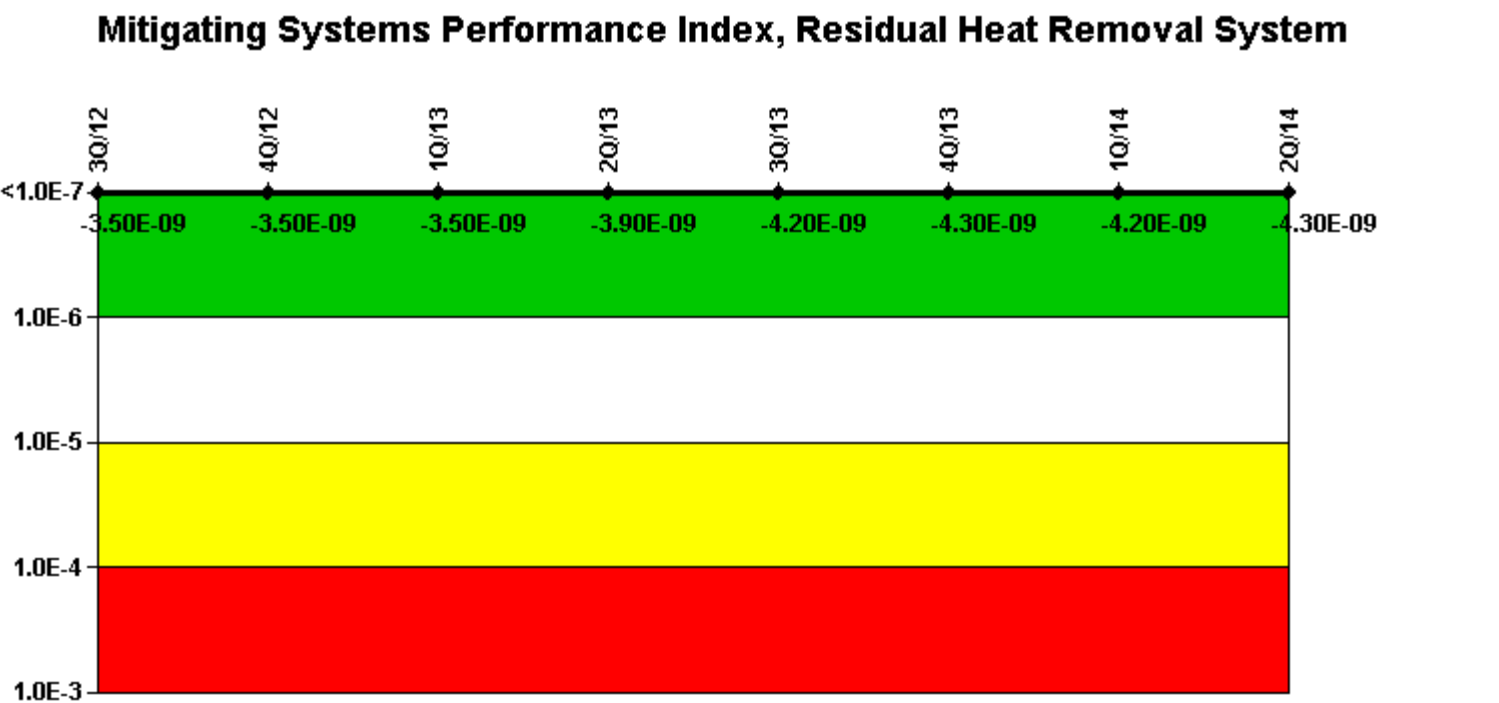
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
UAI (Δ CDF)	2.04E-08	2.19E-08	2.19E-08	2.18E-08	2.18E-08	2.19E-08	2.01E-08	4.32E-09
URI (Δ CDF)	-2.80E-08	-2.80E-08	-2.80E-08	-2.78E-08	-2.78E-08	-7.44E-09	2.77E-08	1.37E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-7.70E-09	-6.10E-09	-6.10E-09	-6.00E-09	-6.00E-09	1.40E-08	4.80E-08	1.80E-08

Licensee Comments:

3Q/12: Changed PRA Parameter(s).



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

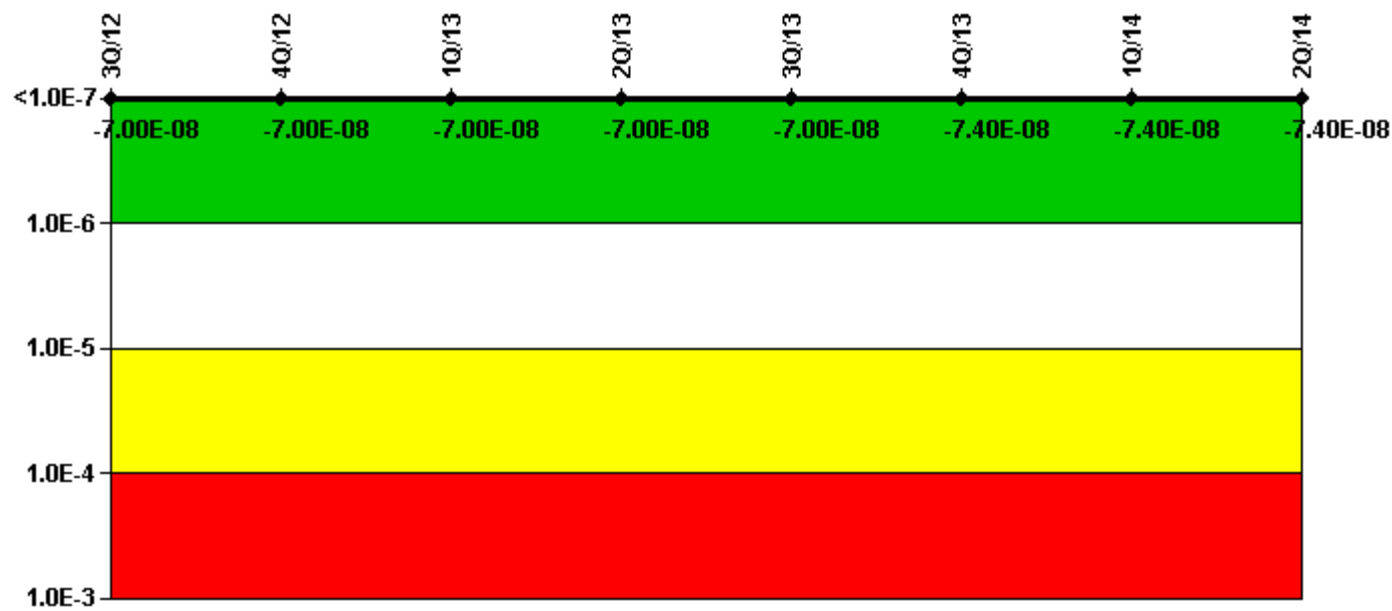
Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
UAI (ΔCDF)	-2.81E-10	-2.58E-10	-2.95E-10	-6.49E-10	-9.12E-10	-1.00E-09	-9.67E-10	-1.03E-09
URI (ΔCDF)	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.50E-09	-3.50E-09	-3.50E-09	-3.90E-09	-4.20E-09	-4.30E-09	-4.20E-09	-4.30E-09

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



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

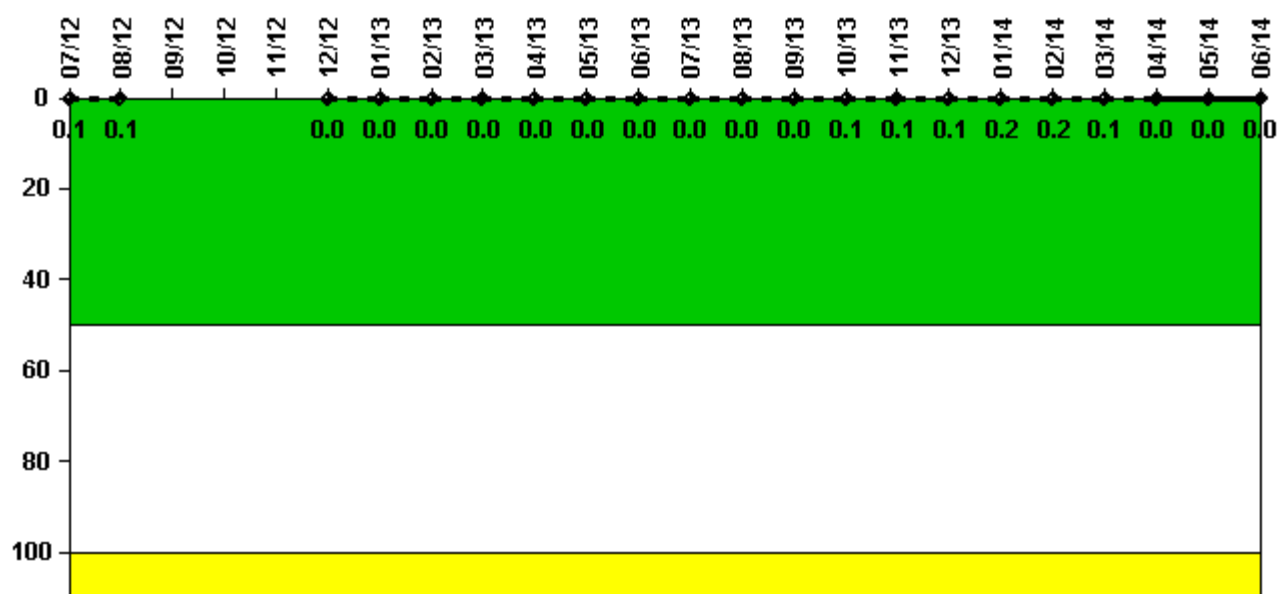
Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
UAI (ΔCDF)	-6.11E-08	-6.08E-08	-6.08E-08	-6.11E-08	-6.11E-08	-6.51E-08	-6.51E-08	-6.51E-08
URI (ΔCDF)	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09
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	-7.40E-08	-7.40E-08	-7.40E-08

Licensee Comments:

3Q/12: Changed PRA Parameter(s).

Reactor Coolant System Activity



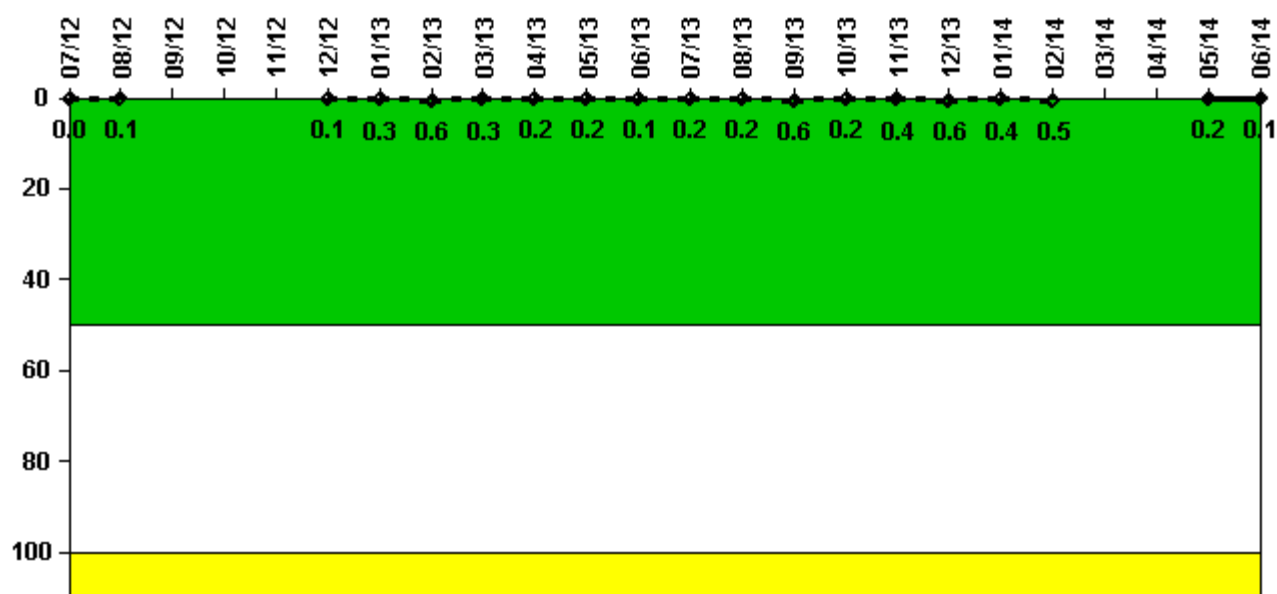
Thresholds: White > 50.0 Yellow > 100.0

Notes

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	0.000604	0.000836	N/A	N/A	N/A	0.000269	0.000282	0.000299	0.000304	0.000334	0.000324	0.000308
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	N/A	N/A	N/A	0	0	0	0	0	0	0
Reactor Coolant System Activity	7/13	8/13	9/13	10/13	11/13	12/13	1/14	2/14	3/14	4/14	5/14	6/14
Maximum activity	0.000323	0.000396	0.000457	0.001050	0.001220	0.001400	0.002040	0.001890	0.001210	0.000113	0.000224	0.000207
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0.1	0.1	0.1	0.2	0.2	0.1	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



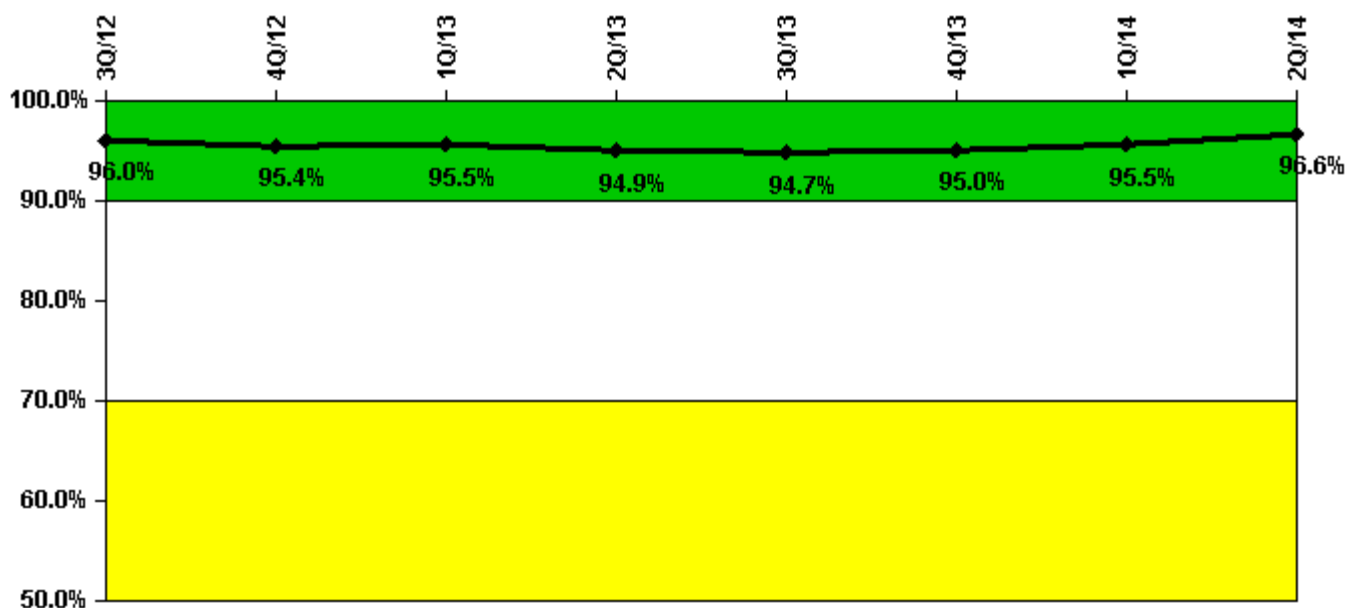
Thresholds: White > 50.0 Yellow > 100.0

Notes

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	0.004	0.005	N/A	N/A	N/A	0.009	0.030	0.060	0.027	0.016	0.024	0.009
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0.1	N/A	N/A	N/A	0.1	0.3	0.6	0.3	0.2	0.2	0.1
Reactor Coolant System Leakage	7/13	8/13	9/13	10/13	11/13	12/13	1/14	2/14	3/14	4/14	5/14	6/14
Maximum leakage	0.015	0.022	0.057	0.015	0.038	0.057	0.040	0.050	N/A	N/A	0.017	0.006
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.2	0.6	0.2	0.4	0.6	0.4	0.5	N/A	N/A	0.2	0.1

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

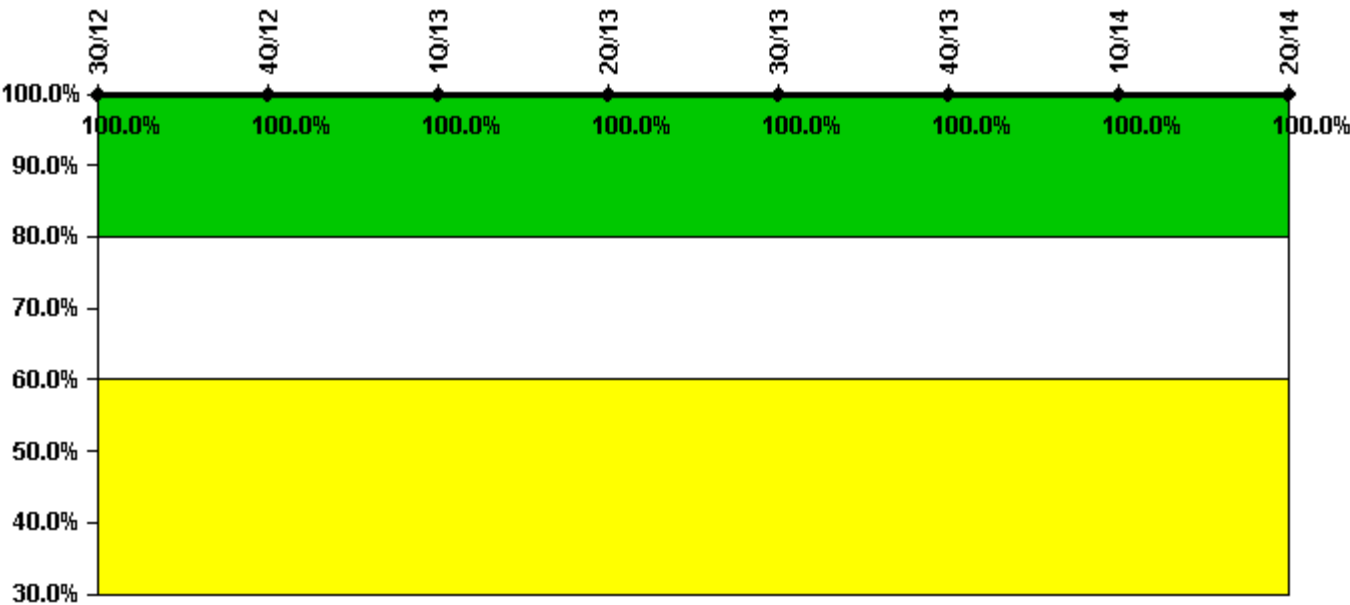
Notes

Drill/Exercise Performance	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Successful opportunities	49.0	0	95.0	56.0	79.0	29.0	50.0	43.0
Total opportunities	54.0	0	99.0	58.0	81.0	30.0	50.0	43.0
Indicator value	96.0%	95.4%	95.5%	94.9%	94.7%	95.0%	95.5%	96.6%

Licensee Comments:

2Q/13: Change to June 13 total drill, exercise and event opportunities

ERO Drill Participation



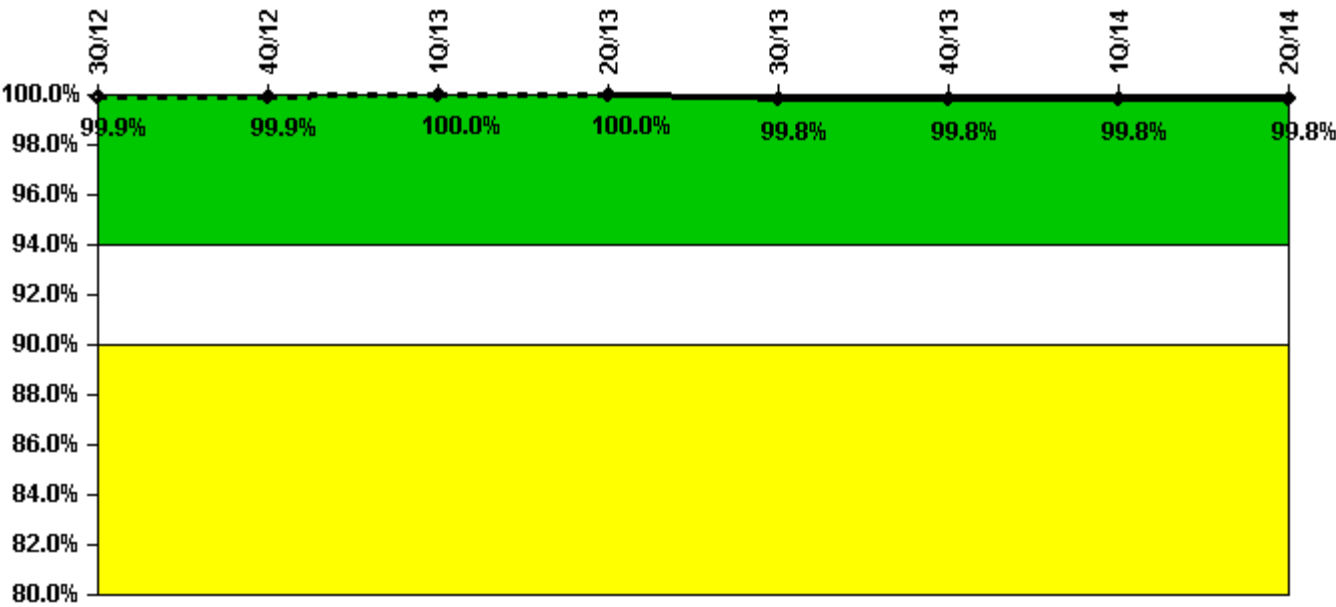
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Participating Key personnel	93.0	93.0	106.0	102.0	109.0	113.0	114.0	107.0
Total Key personnel	93.0	93.0	106.0	102.0	109.0	113.0	114.0	107.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



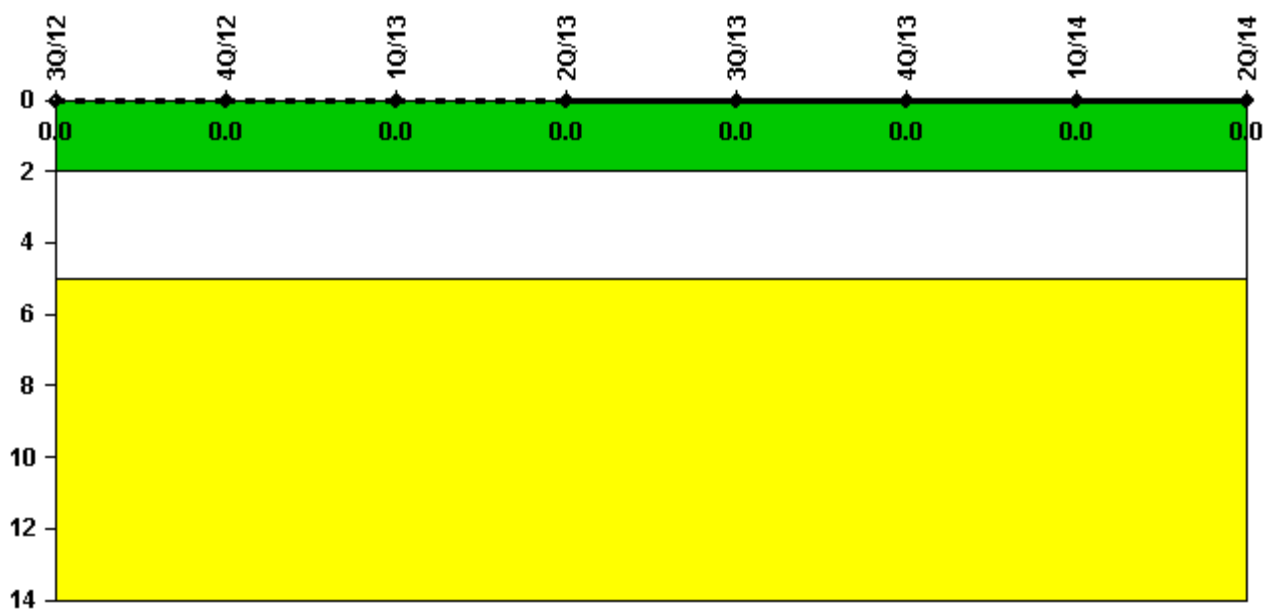
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Successful siren-tests	630	720	629	720	626	715	719	630
Total sirens-tests	630	720	630	720	630	715	720	630
Indicator value	99.9%	99.9%	100.0%	100.0%	99.8%	99.8%	99.8%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness

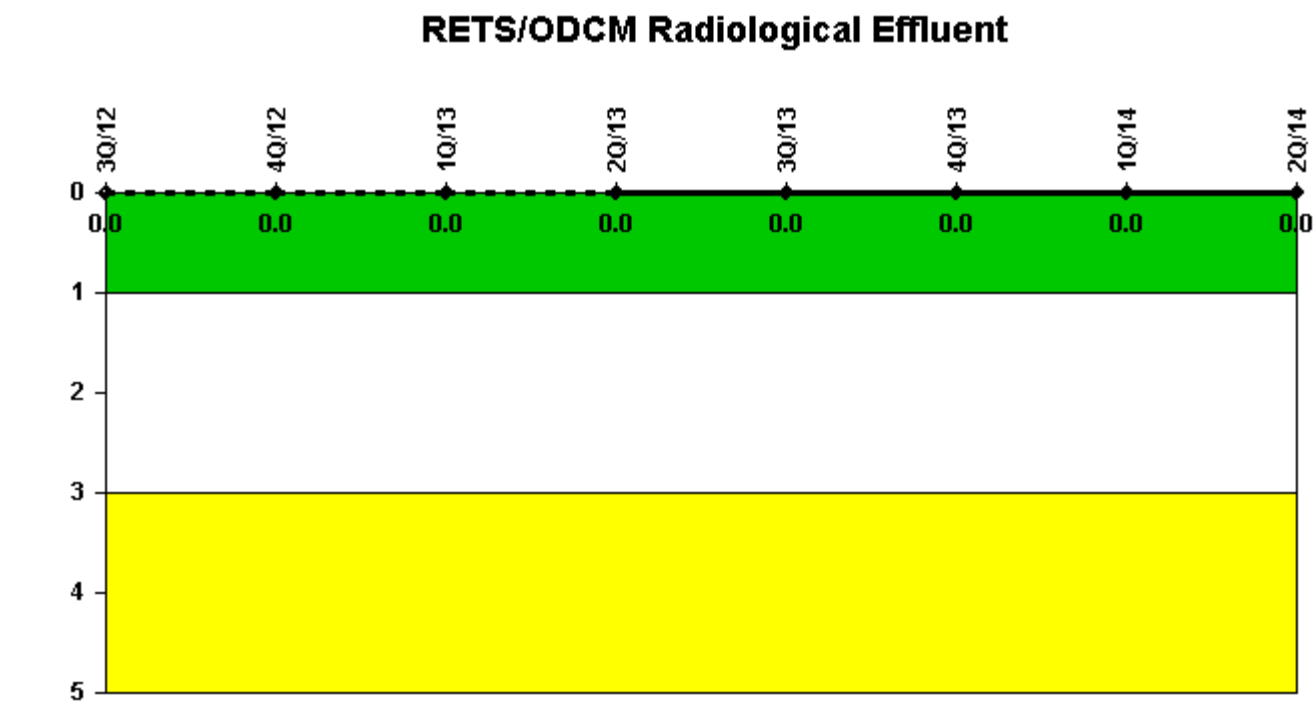


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
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



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
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: July 31, 2014

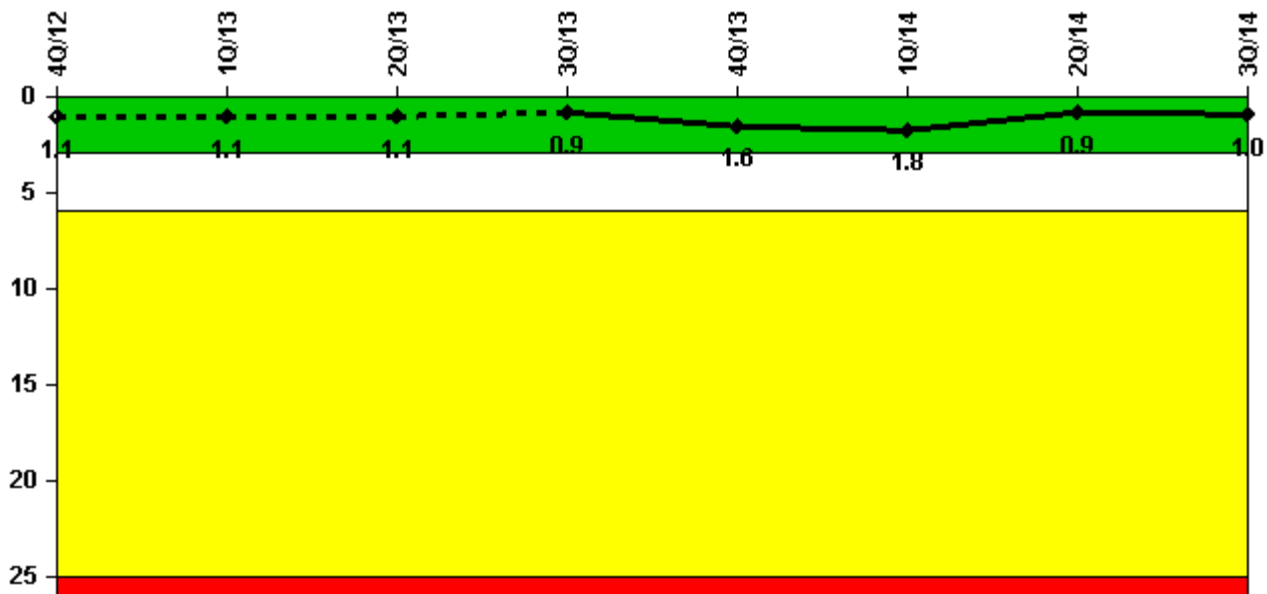
Saint Lucie 2

3Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



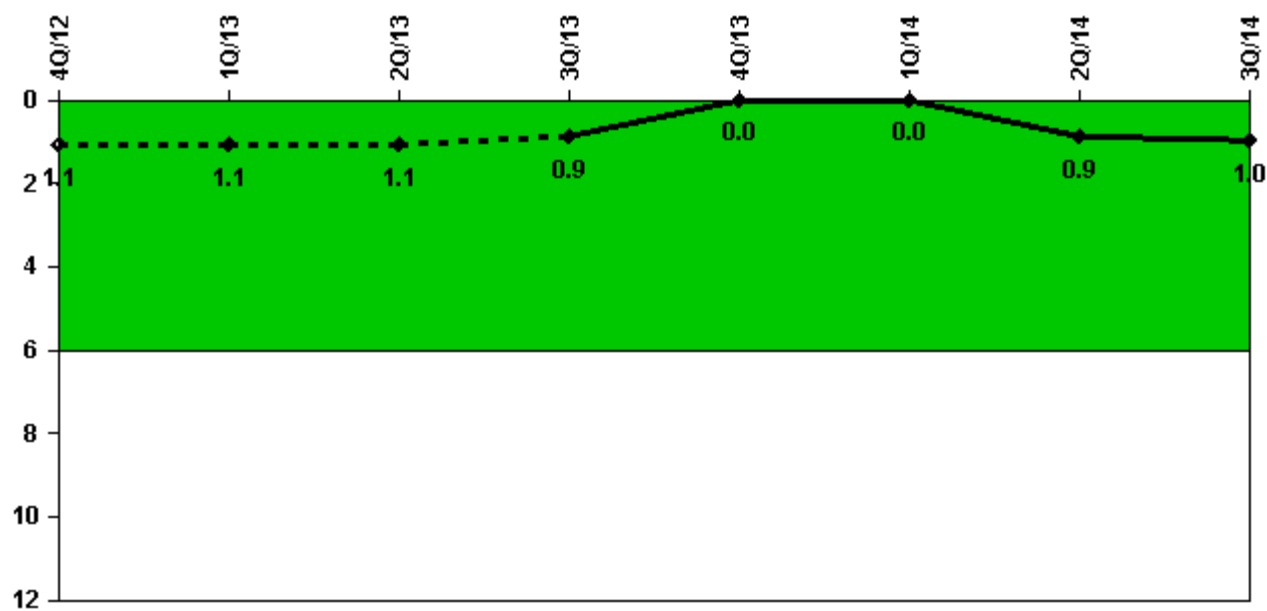
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Unplanned scrams	0	0	1.0	0	1.0	0	0	0
Critical hours	1007.1	2159.0	2127.5	2208.0	2156.9	1464.0	1666.8	1966.2
Indicator value	1.1	1.1	1.1	0.9	1.6	1.8	0.9	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



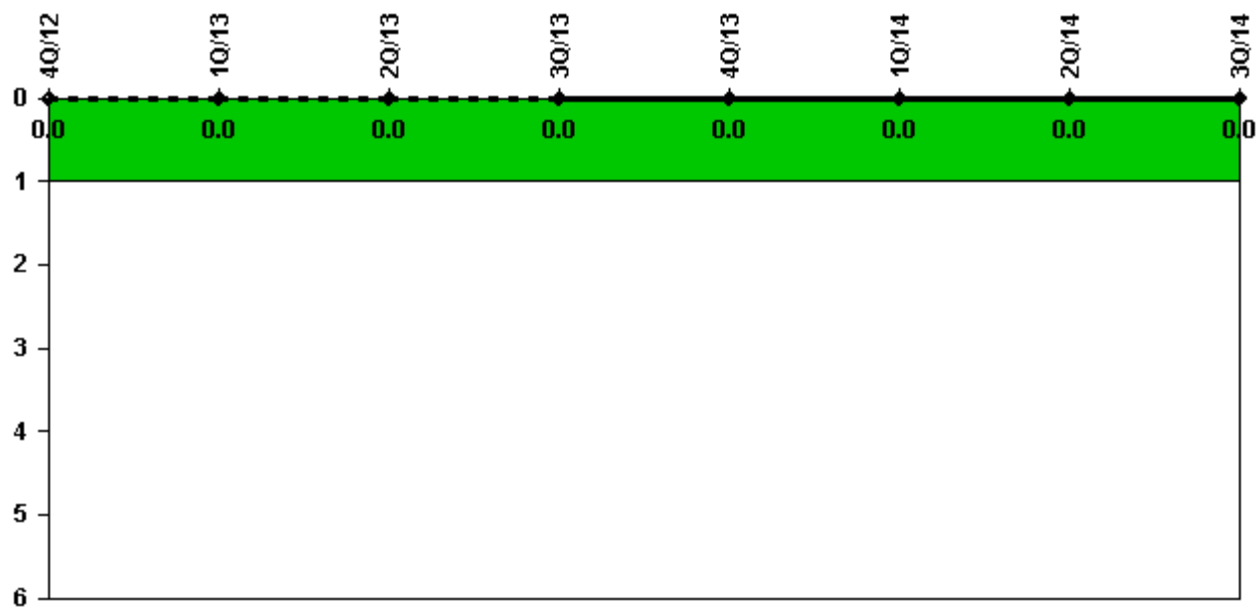
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Unplanned power changes	1.0	0	0	0	0	0	1.0	0
Critical hours	1007.1	2159.0	2127.5	2208.0	2156.9	1464.0	1666.8	1966.2
Indicator value	1.1	1.1	1.1	0.9	0	0	0.9	1.0

Licensee Comments: none

Unplanned Scrams with Complications



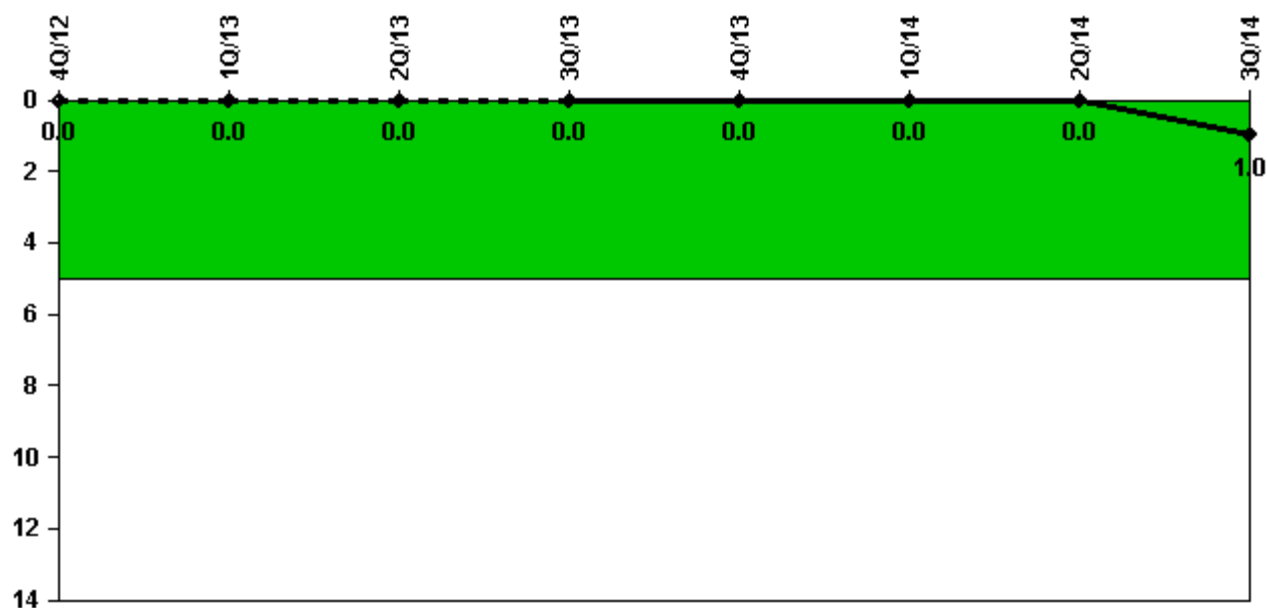
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
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 (PWR)



Thresholds: White > 5.0

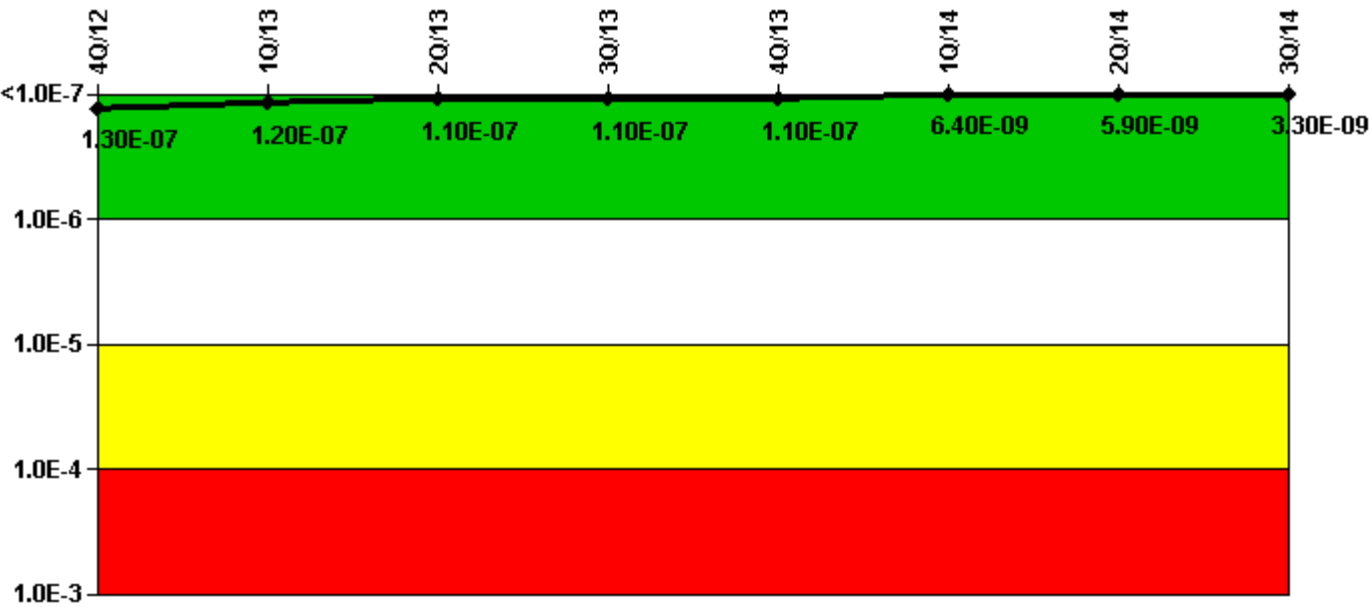
Notes

Safety System Functional Failures (PWR)	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Safety System Functional Failures	0	0	0	0	0	0	0	1
Indicator value	0	0	0	0	0	0	0	1

Licensee Comments:

3Q/14: Uni1 1 and 2 LER 50-335, 389/2012-010-02

Mitigating Systems Performance Index, Emergency AC Power System



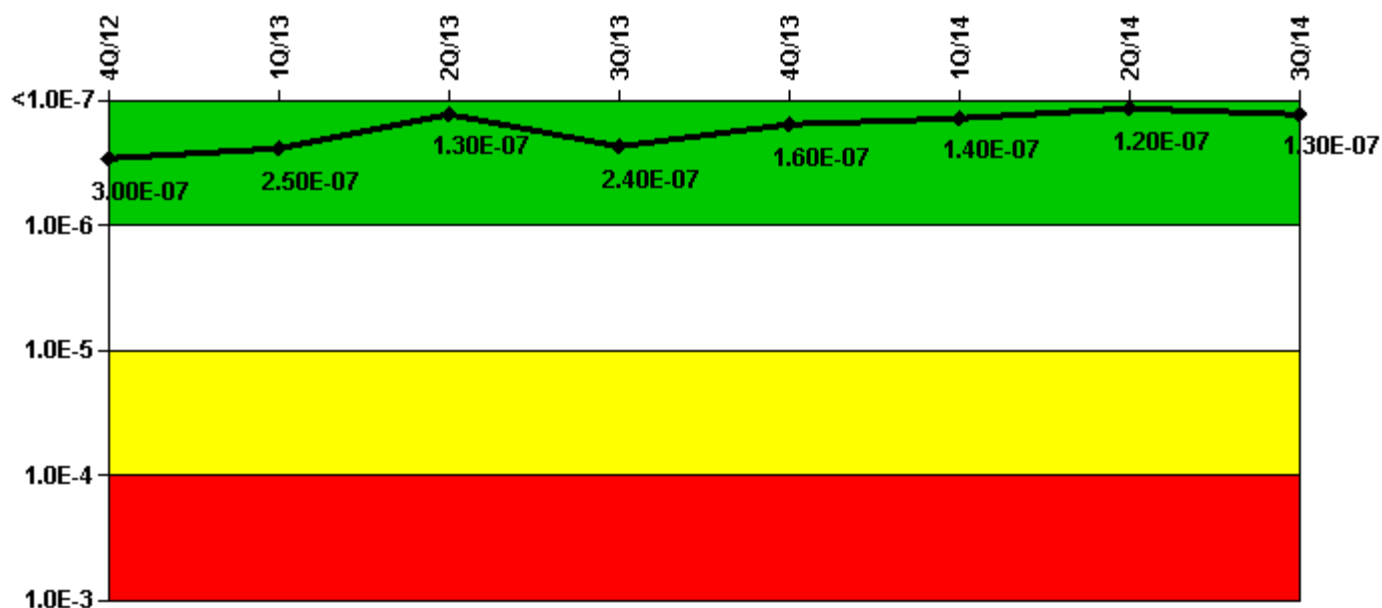
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
UAI (ΔCDF)	5.60E-08	1.81E-08	4.81E-09	2.69E-09	2.03E-09	6.22E-09	5.25E-09	2.22E-09
URI (ΔCDF)	7.37E-08	1.03E-07	1.08E-07	1.10E-07	1.11E-07	1.32E-10	5.99E-10	1.07E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.30E-07	1.20E-07	1.10E-07	1.10E-07	1.10E-07	6.40E-09	5.90E-09	3.30E-09

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



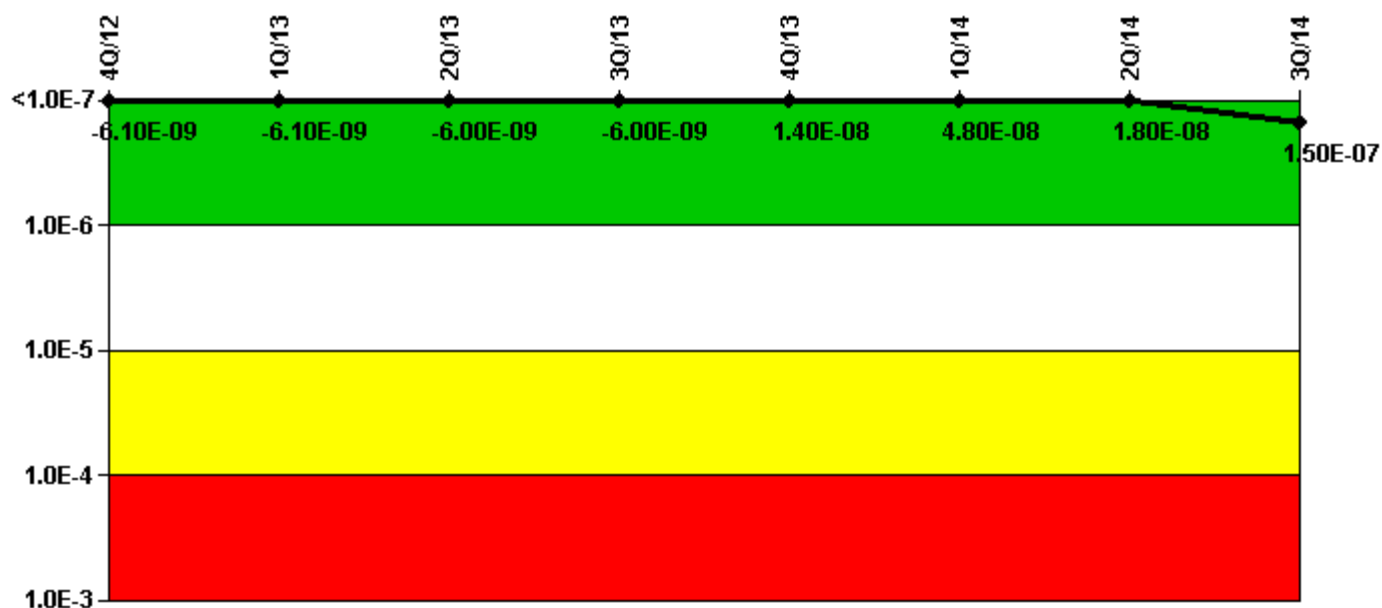
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
UAI (Δ CDF)	5.80E-07	5.33E-07	4.11E-07	5.22E-07	4.48E-07	4.22E-07	4.02E-07	4.14E-07
URI (Δ CDF)	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.00E-07	2.50E-07	1.30E-07	2.40E-07	1.60E-07	1.40E-07	1.20E-07	1.30E-07

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

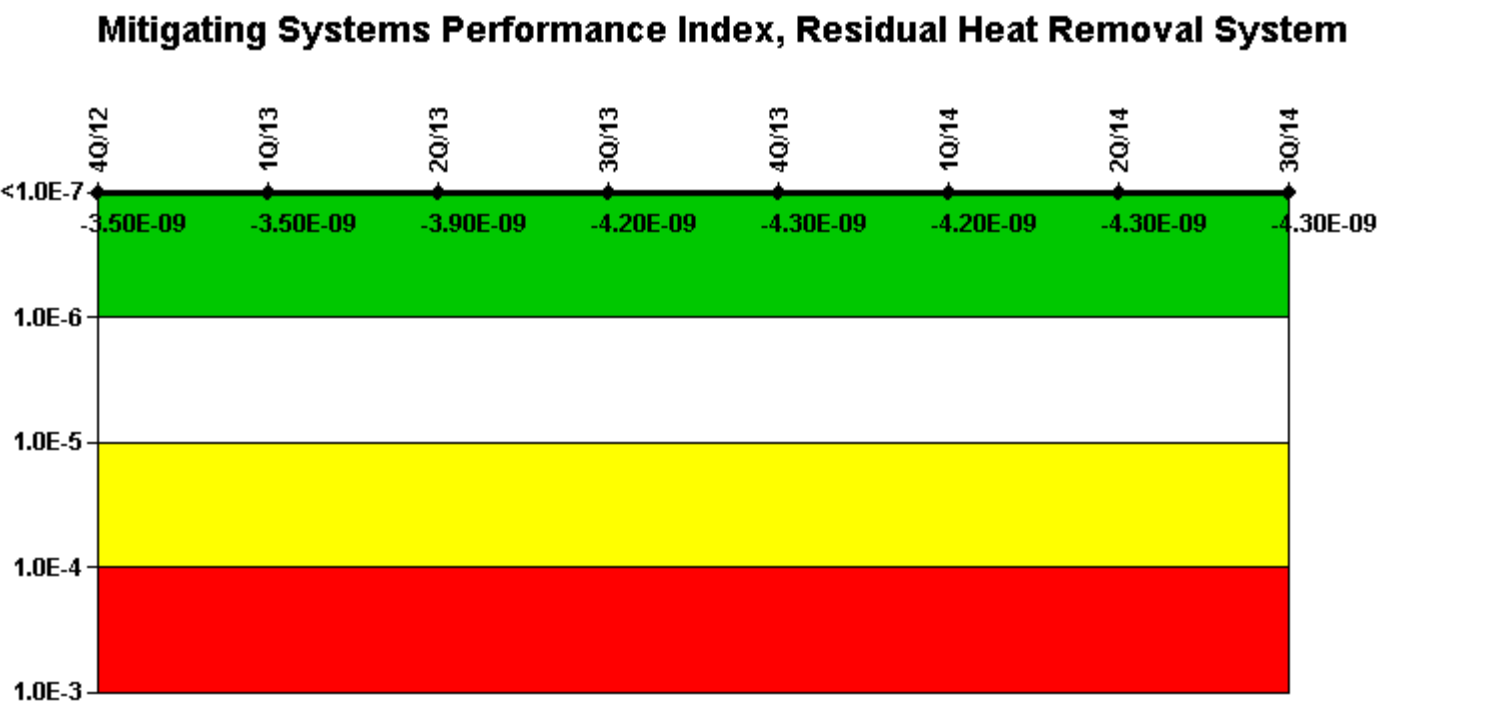


Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
UAI (Δ CDF)	2.19E-08	2.19E-08	2.18E-08	2.18E-08	2.19E-08	2.01E-08	4.32E-09	8.63E-09
URI (Δ CDF)	-2.80E-08	-2.80E-08	-2.78E-08	-2.78E-08	-7.44E-09	2.77E-08	1.37E-08	1.45E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.10E-09	-6.10E-09	-6.00E-09	-6.00E-09	1.40E-08	4.80E-08	1.80E-08	1.50E-07

Licensee Comments: none



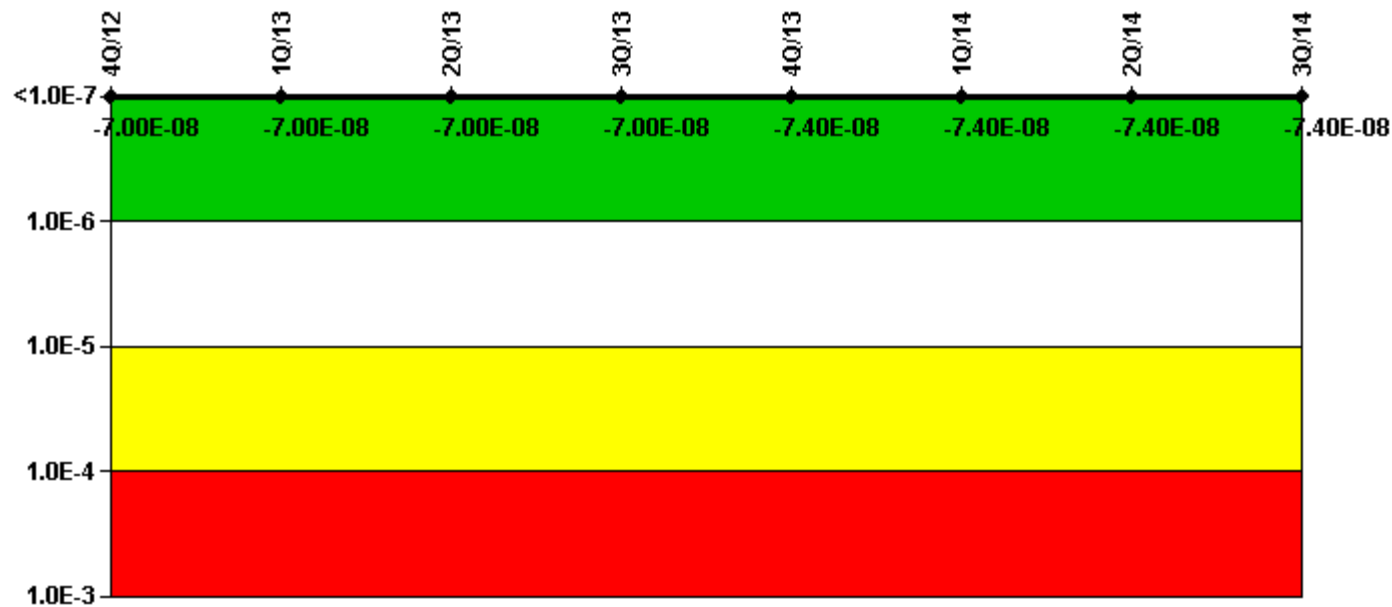
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
UAI (ΔCDF)	-2.58E-10	-2.95E-10	-6.49E-10	-9.12E-10	-1.00E-09	-9.67E-10	-1.03E-09	-1.03E-09
URI (ΔCDF)	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.50E-09	-3.50E-09	-3.90E-09	-4.20E-09	-4.30E-09	-4.20E-09	-4.30E-09	-4.30E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



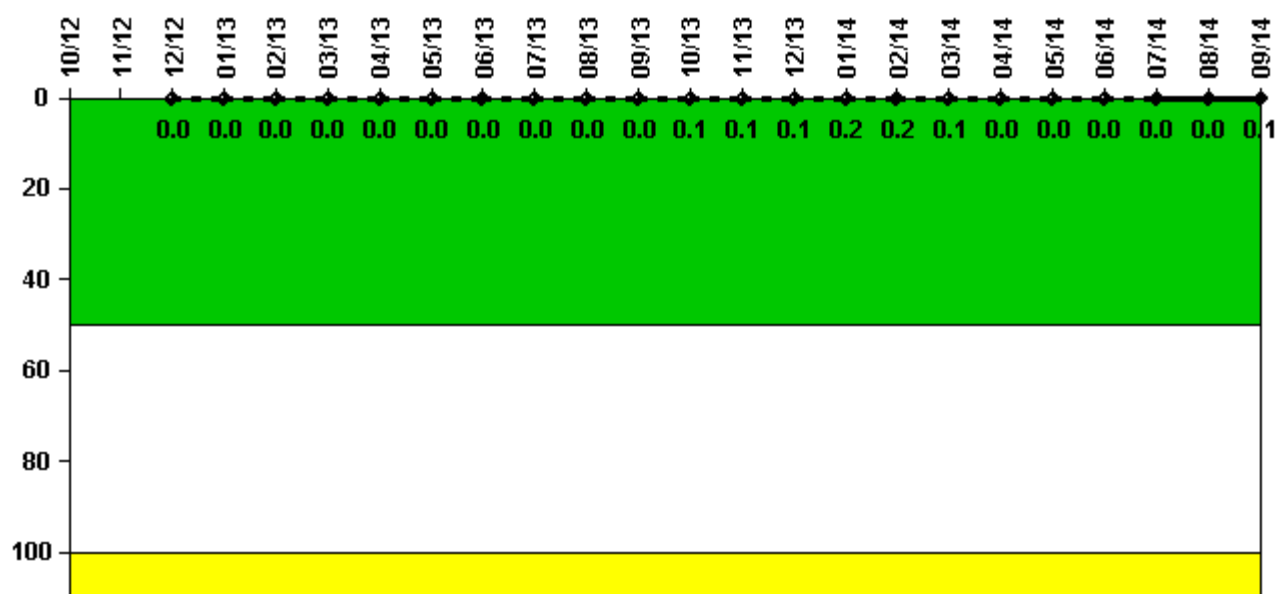
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
UAI (ΔCDF)	-6.08E-08	-6.08E-08	-6.11E-08	-6.11E-08	-6.51E-08	-6.51E-08	-6.51E-08	-6.51E-08
URI (ΔCDF)	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-7.00E-08	-7.00E-08	-7.00E-08	-7.00E-08	-7.40E-08	-7.40E-08	-7.40E-08	-7.40E-08

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

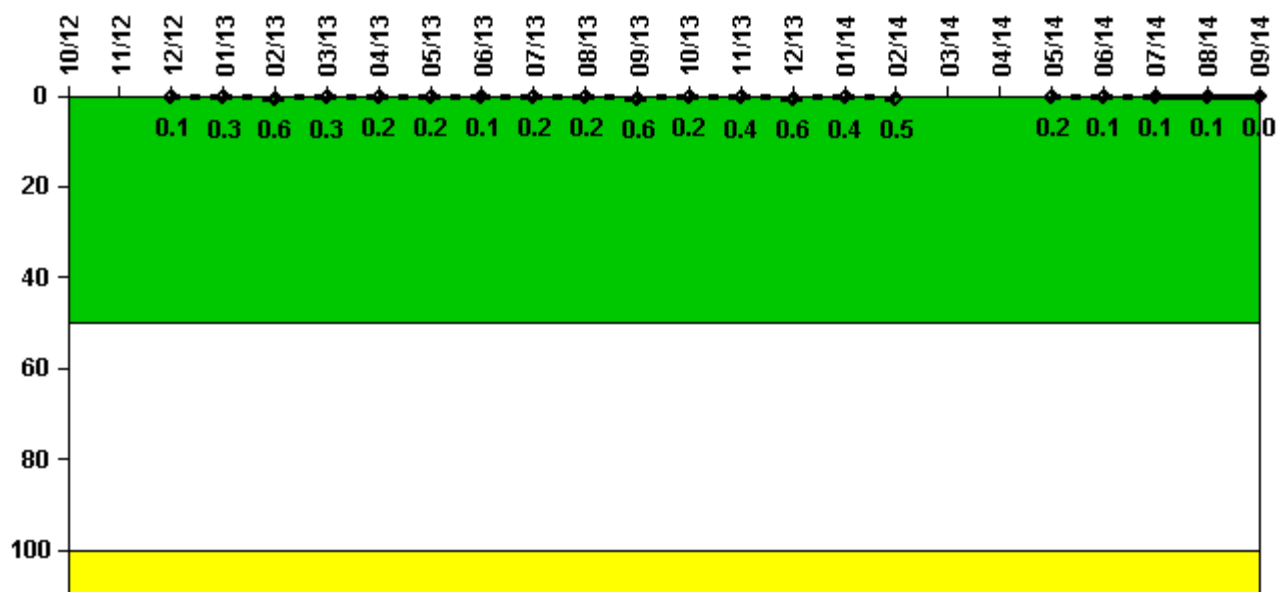
Notes

Reactor Coolant System Activity	10/12	11/12	12/12	1/13	2/13	3/13	4/13	5/13	6/13	7/13	8/13	9/13
Maximum activity	N/A	N/A	0.000269	0.000282	0.000299	0.000304	0.000334	0.000324	0.000308	0.000323	0.000396	0.000457
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	N/A	N/A	0	0	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	10/13	11/13	12/13	1/14	2/14	3/14	4/14	5/14	6/14	7/14	8/14	9/14
Maximum activity	0.001050	0.001220	0.001400	0.002040	0.001890	0.001210	0.000113	0.000224	0.000207	0.000269	0.000311	0.000511
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.2	0.2	0.1	0	0	0	0	0	0.1

Licensee Comments: none

Reactor Coolant System Leakage



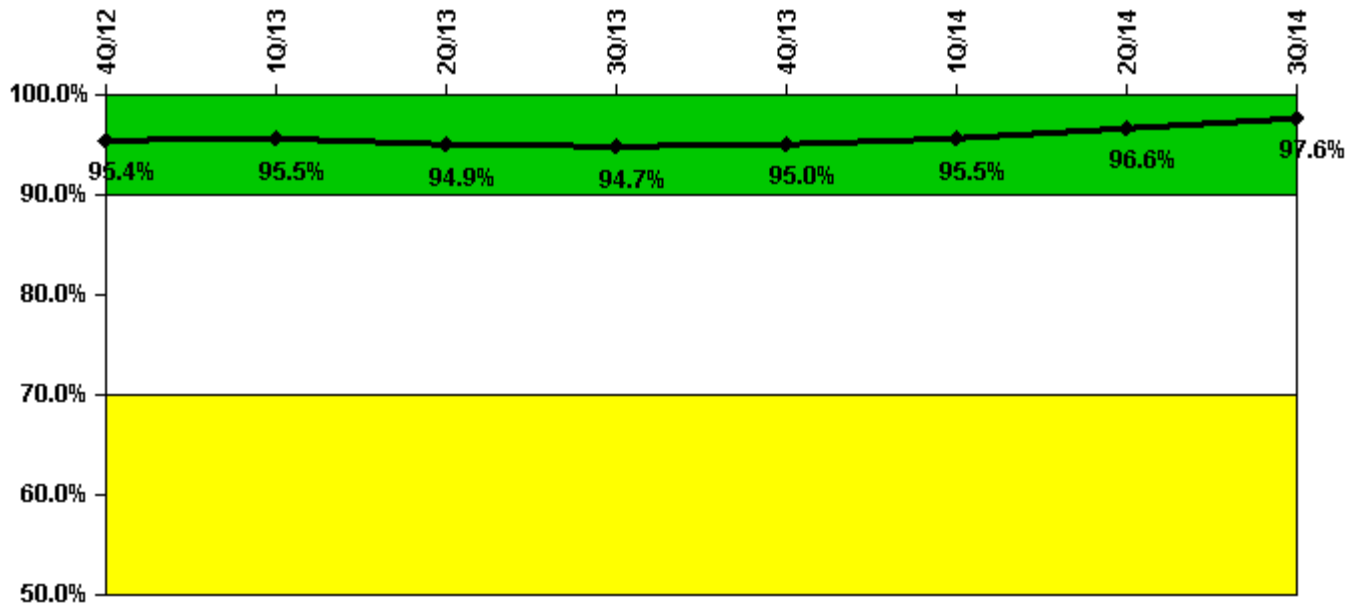
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/12	11/12	12/12	1/13	2/13	3/13	4/13	5/13	6/13	7/13	8/13	9/13
Maximum leakage	N/A	N/A	0.009	0.030	0.060	0.027	0.016	0.024	0.009	0.015	0.022	0.057
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	N/A	N/A	0.1	0.3	0.6	0.3	0.2	0.2	0.1	0.2	0.2	0.6
Reactor Coolant System Leakage	10/13	11/13	12/13	1/14	2/14	3/14	4/14	5/14	6/14	7/14	8/14	9/14
Maximum leakage	0.015	0.038	0.057	0.040	0.050	N/A	N/A	0.017	0.006	0.007	0.012	0.001
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.4	0.6	0.4	0.5	N/A	N/A	0.2	0.1	0.1	0.1	0

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

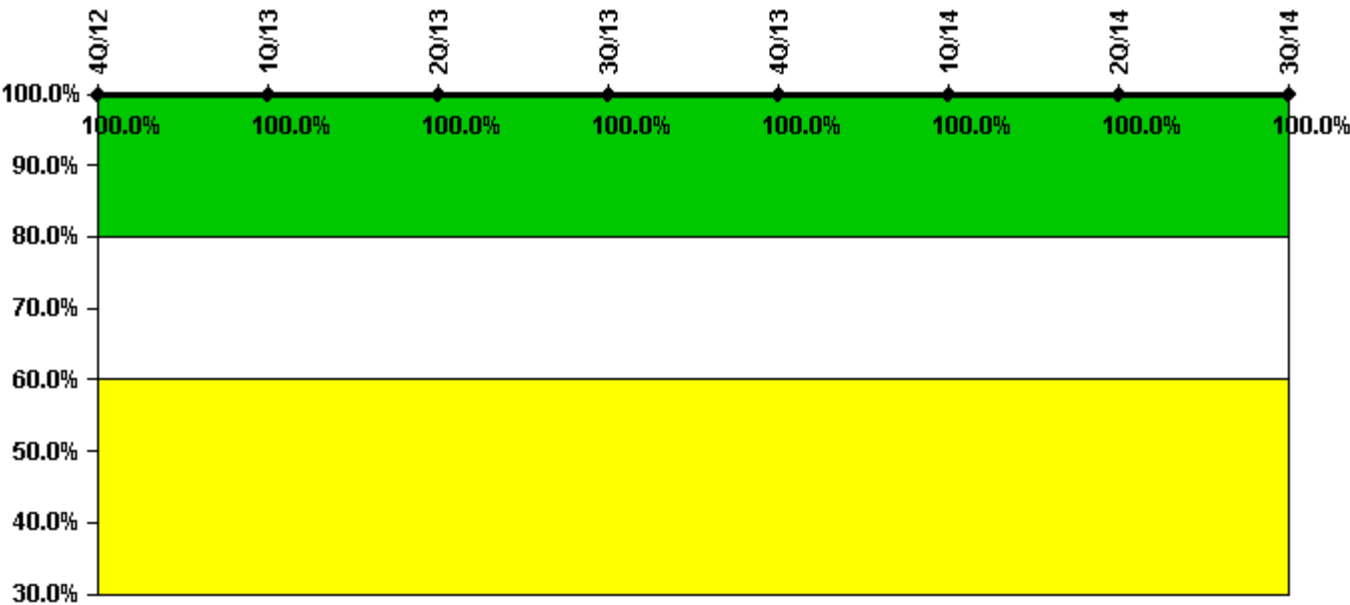
Notes

Drill/Exercise Performance	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Successful opportunities	0	95.0	56.0	79.0	29.0	50.0	43.0	53.0
Total opportunities	0	99.0	58.0	81.0	30.0	50.0	43.0	54.0
Indicator value	95.4%	95.5%	94.9%	94.7%	95.0%	95.5%	96.6%	97.6%

Licensee Comments:

2Q/13: Change to June 13 total drill, exercise and event opportunities

ERO Drill Participation



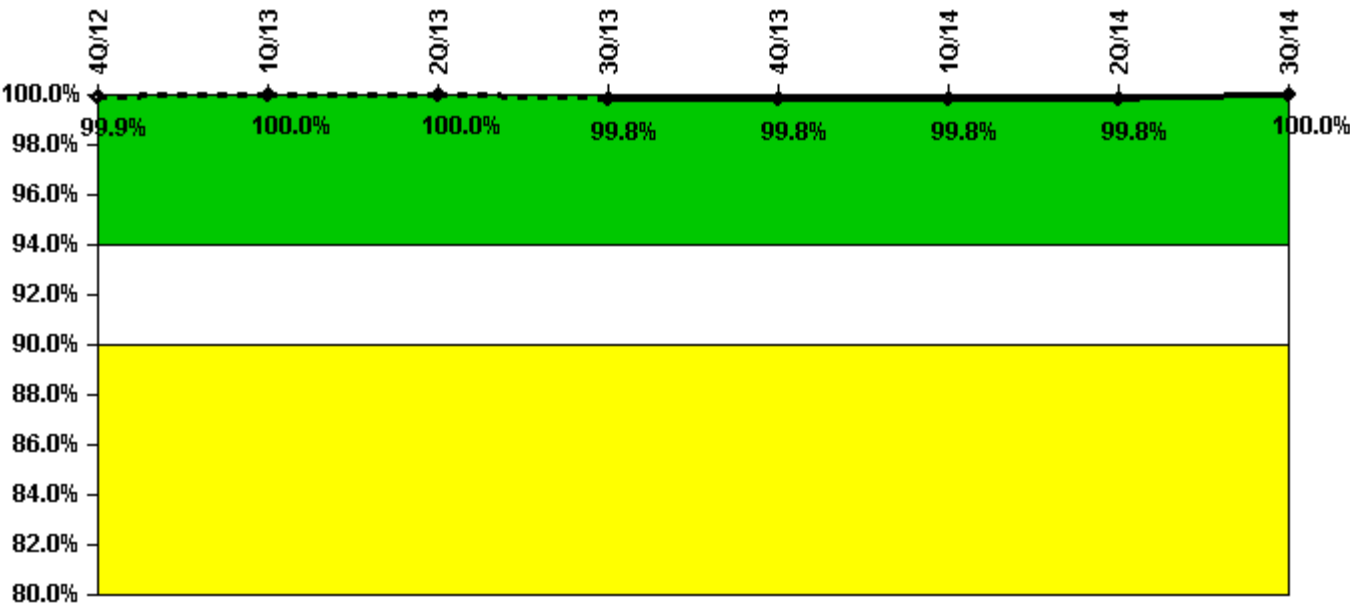
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Participating Key personnel	93.0	106.0	102.0	109.0	113.0	114.0	107.0	111.0
Total Key personnel	93.0	106.0	102.0	109.0	113.0	114.0	107.0	111.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



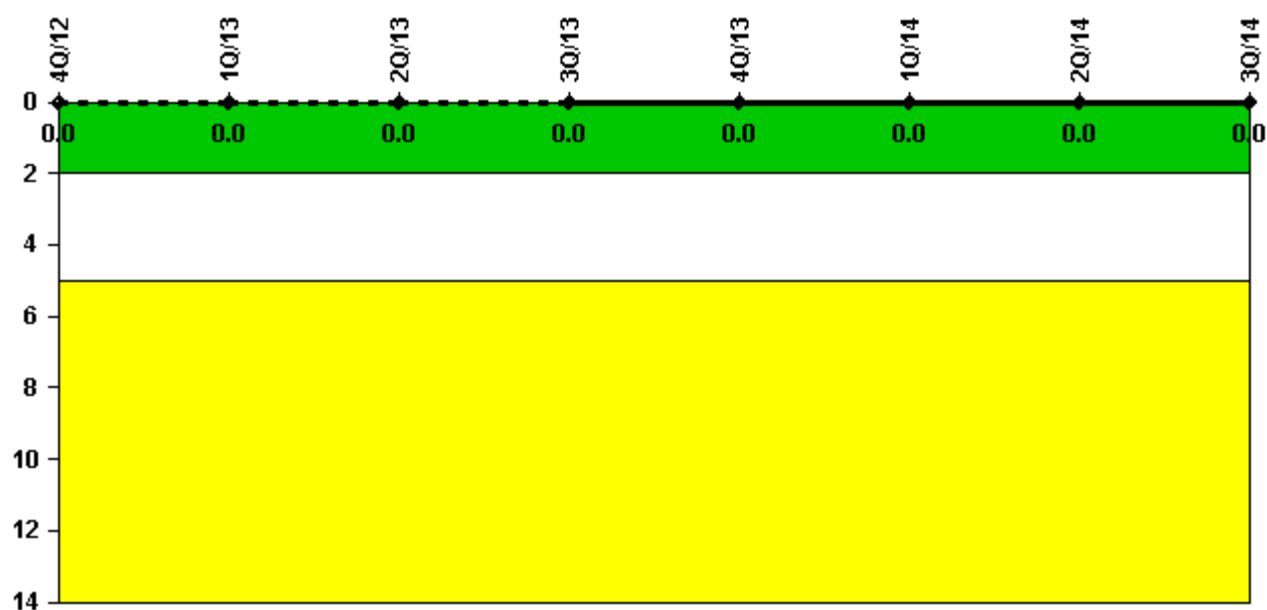
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Successful siren-tests	720	629	720	626	715	719	630	630
Total sirens-tests	720	630	720	630	715	720	630	630
Indicator value	99.9%	100.0%	100.0%	99.8%	99.8%	99.8%	99.8%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness

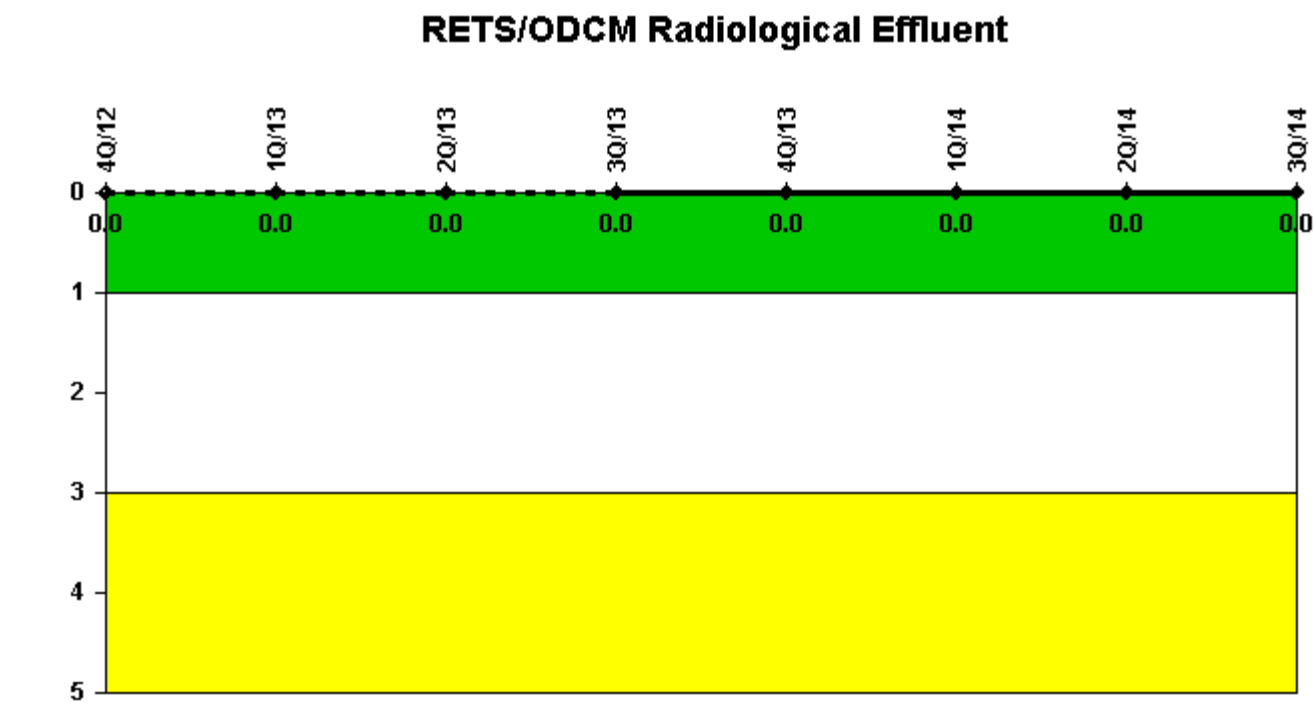


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
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



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
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: November 3, 2014

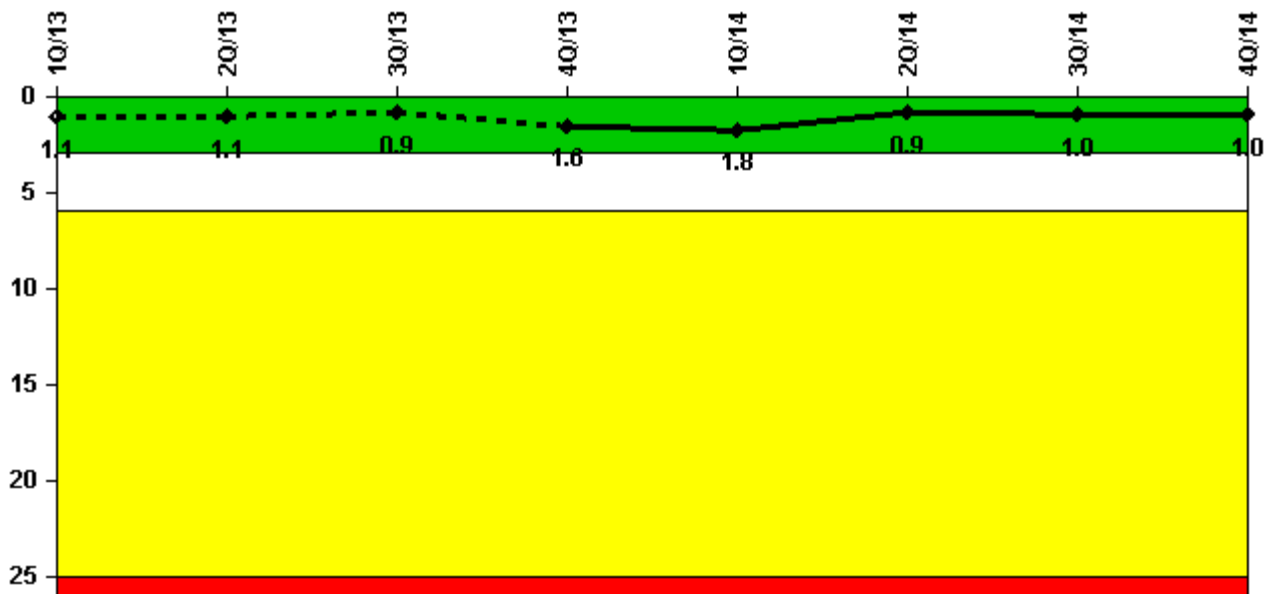
Saint Lucie 2

4Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



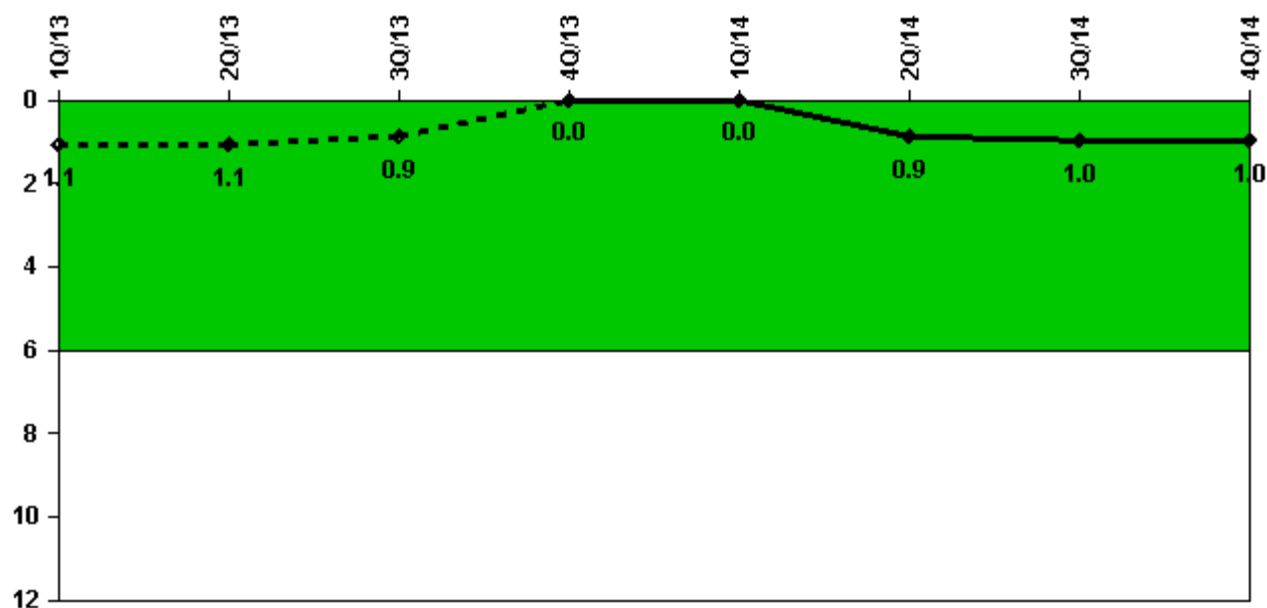
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Unplanned scrams	0	1.0	0	1.0	0	0	0	1.0
Critical hours	2159.0	2127.5	2208.0	2156.9	1464.0	1666.8	1966.2	2077.3
Indicator value	1.1	1.1	0.9	1.6	1.8	0.9	1.0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



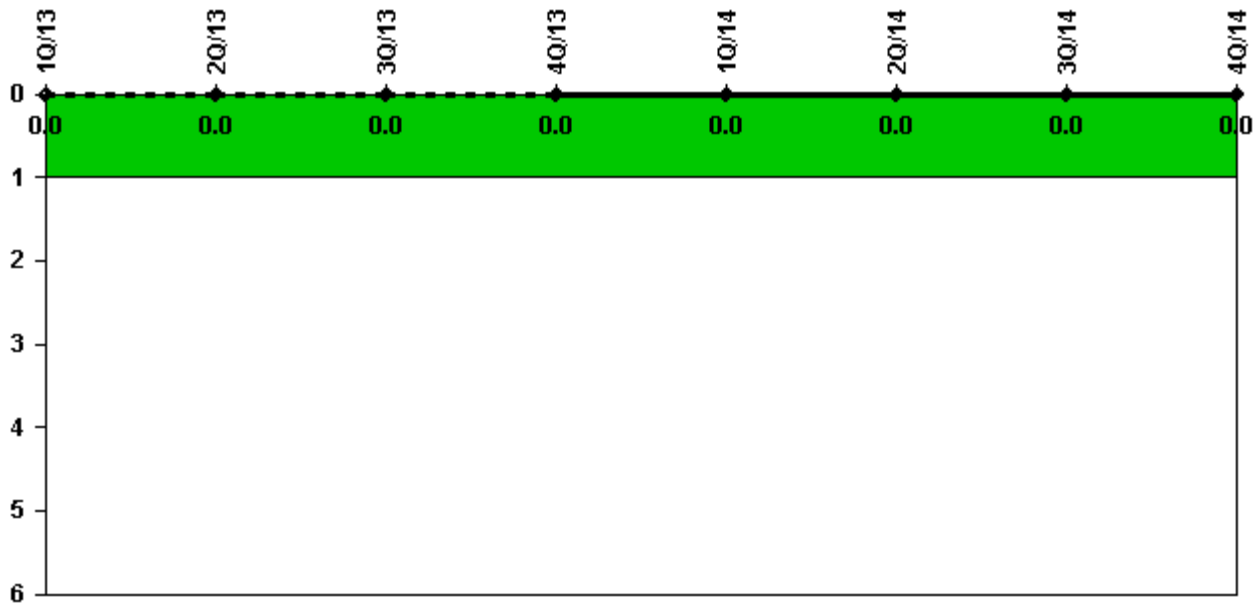
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Unplanned power changes	0	0	0	0	0	1.0	0	0
Critical hours	2159.0	2127.5	2208.0	2156.9	1464.0	1666.8	1966.2	2077.3
Indicator value	1.1	1.1	0.9	0	0	0.9	1.0	1.0

Licensee Comments: none

Unplanned Scrams with Complications



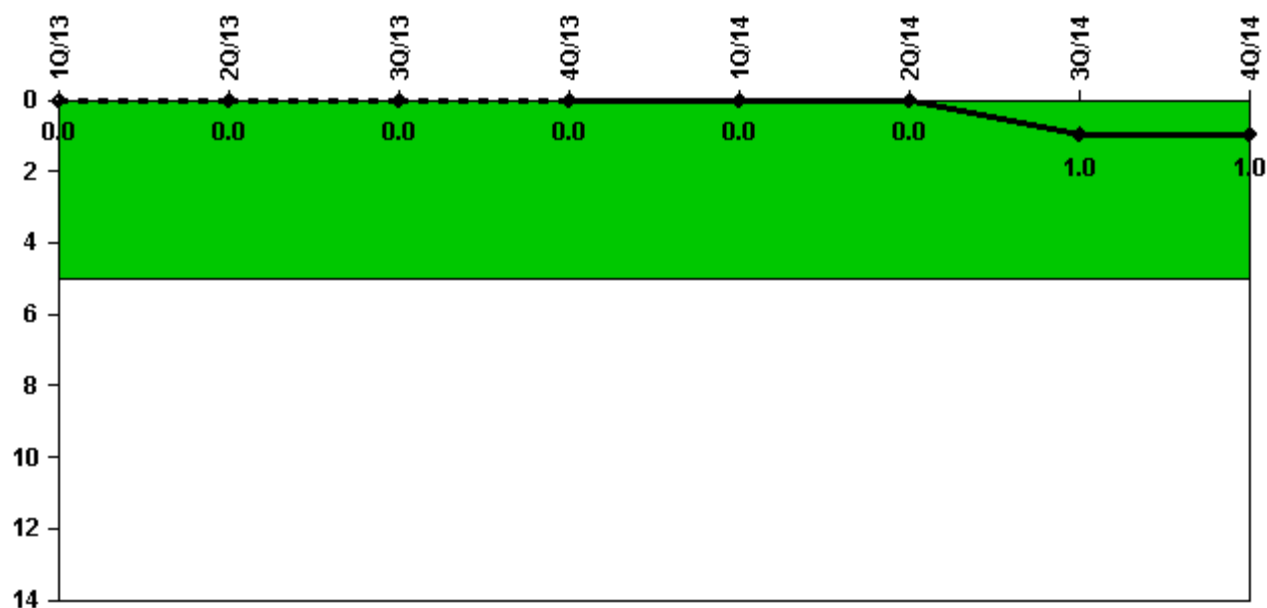
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
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 (PWR)



Thresholds: White > 5.0

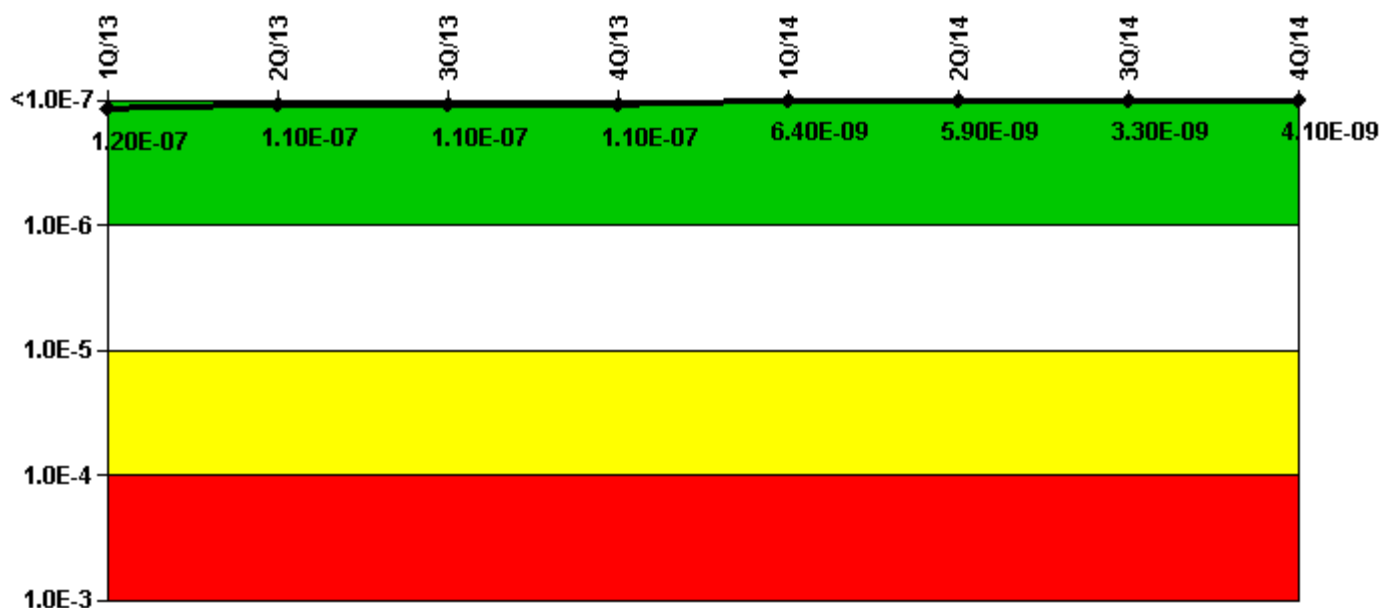
Notes

Safety System Functional Failures (PWR)	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Safety System Functional Failures	0	0	0	0	0	0	1	0
Indicator value	0	0	0	0	0	0	1	1

Licensee Comments:

3Q/14: Uni1 1 and 2 LER 50-335, 389/2012-010-02

Mitigating Systems Performance Index, Emergency AC Power System



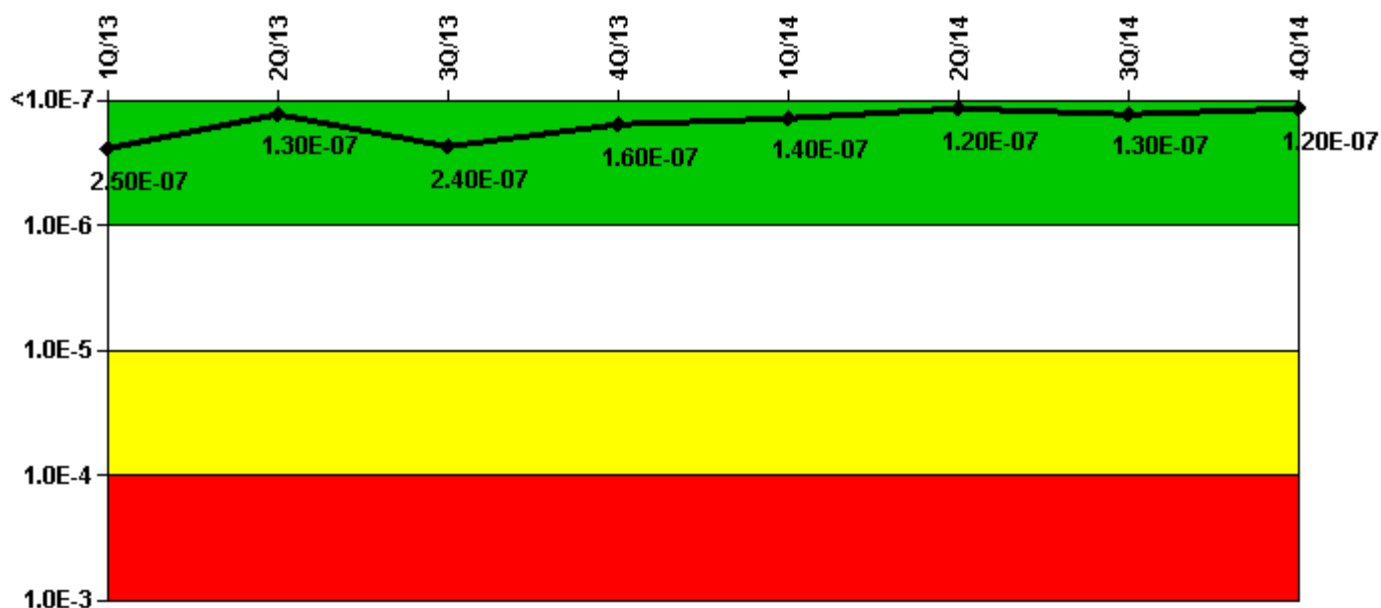
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
UAI (Δ CDF)	1.81E-08	4.81E-09	2.69E-09	2.03E-09	6.22E-09	5.25E-09	2.22E-09	2.51E-09
URI (Δ CDF)	1.03E-07	1.08E-07	1.10E-07	1.11E-07	1.32E-10	5.99E-10	1.07E-09	1.56E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.20E-07	1.10E-07	1.10E-07	1.10E-07	6.40E-09	5.90E-09	3.30E-09	4.10E-09

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



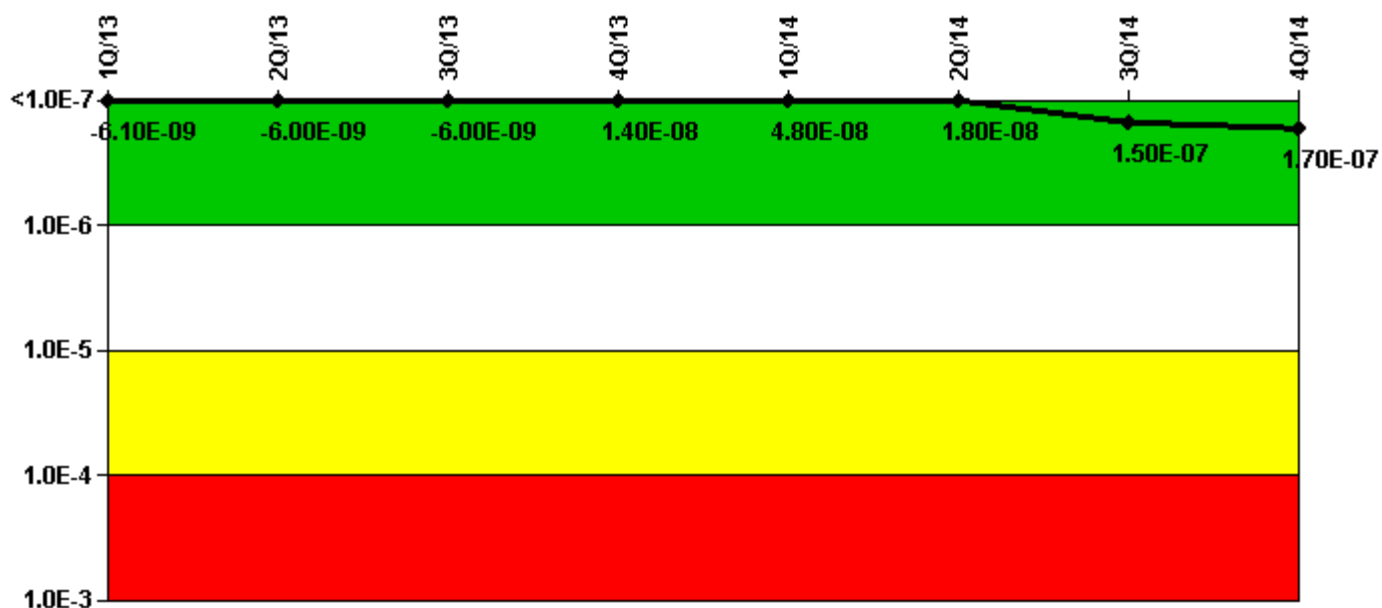
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
UAI (Δ CDF)	5.33E-07	4.11E-07	5.22E-07	4.48E-07	4.22E-07	4.02E-07	4.14E-07	4.02E-07
URI (Δ CDF)	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.50E-07	1.30E-07	2.40E-07	1.60E-07	1.40E-07	1.20E-07	1.30E-07	1.20E-07

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



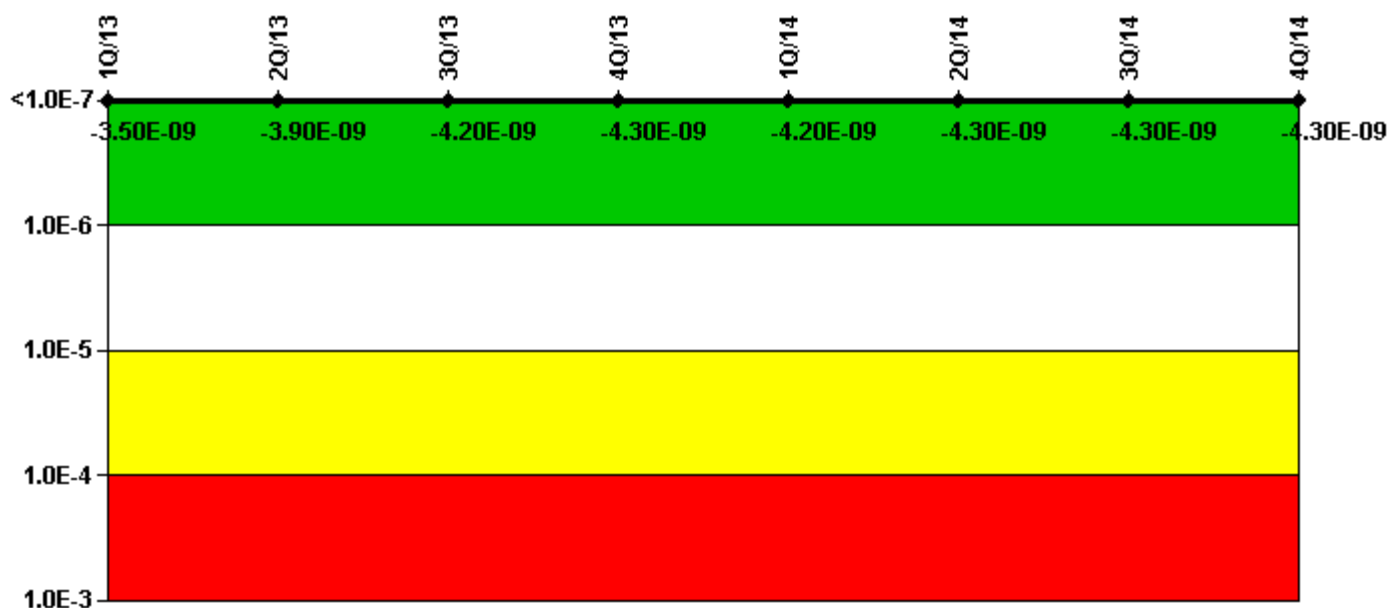
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
UAI (Δ CDF)	2.19E-08	2.18E-08	2.18E-08	2.19E-08	2.01E-08	4.32E-09	8.63E-09	4.97E-09
URI (Δ CDF)	-2.80E-08	-2.78E-08	-2.78E-08	-7.44E-09	2.77E-08	1.37E-08	1.45E-07	1.65E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.10E-09	-6.00E-09	-6.00E-09	1.40E-08	4.80E-08	1.80E-08	1.50E-07	1.70E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



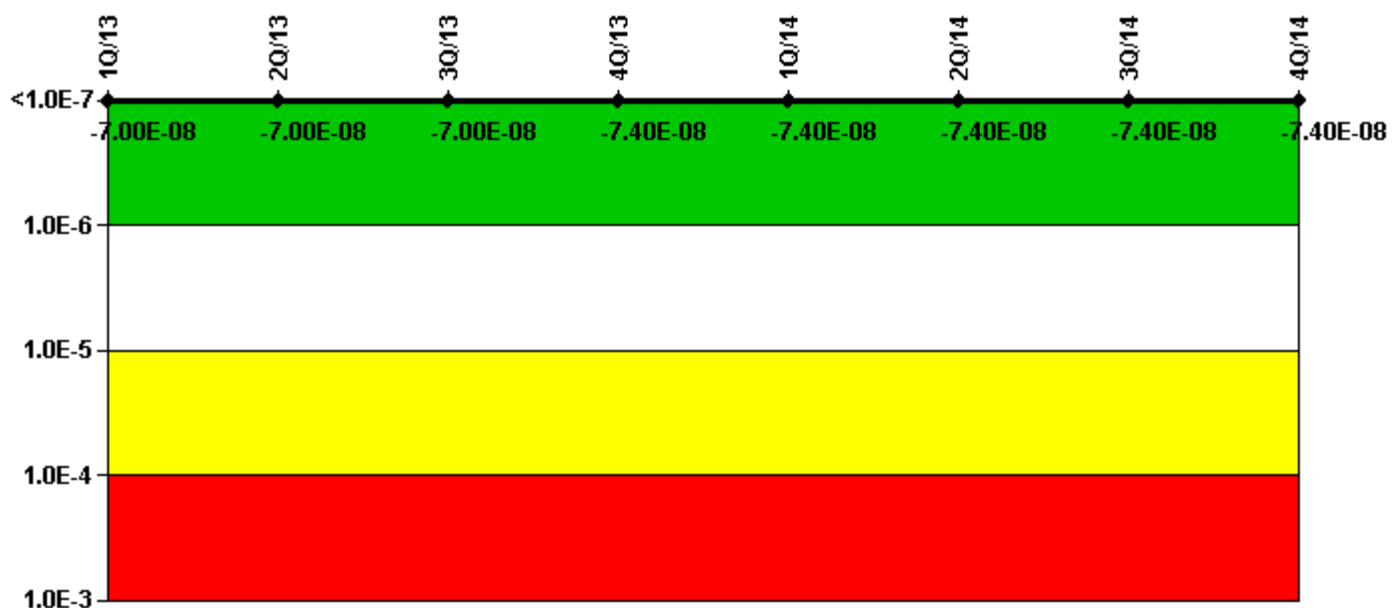
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
UAI (Δ CDF)	-2.95E-10	-6.49E-10	-9.12E-10	-1.00E-09	-9.67E-10	-1.03E-09	-1.03E-09	-1.03E-09
URI (Δ CDF)	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.50E-09	-3.90E-09	-4.20E-09	-4.30E-09	-4.20E-09	-4.30E-09	-4.30E-09	-4.30E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



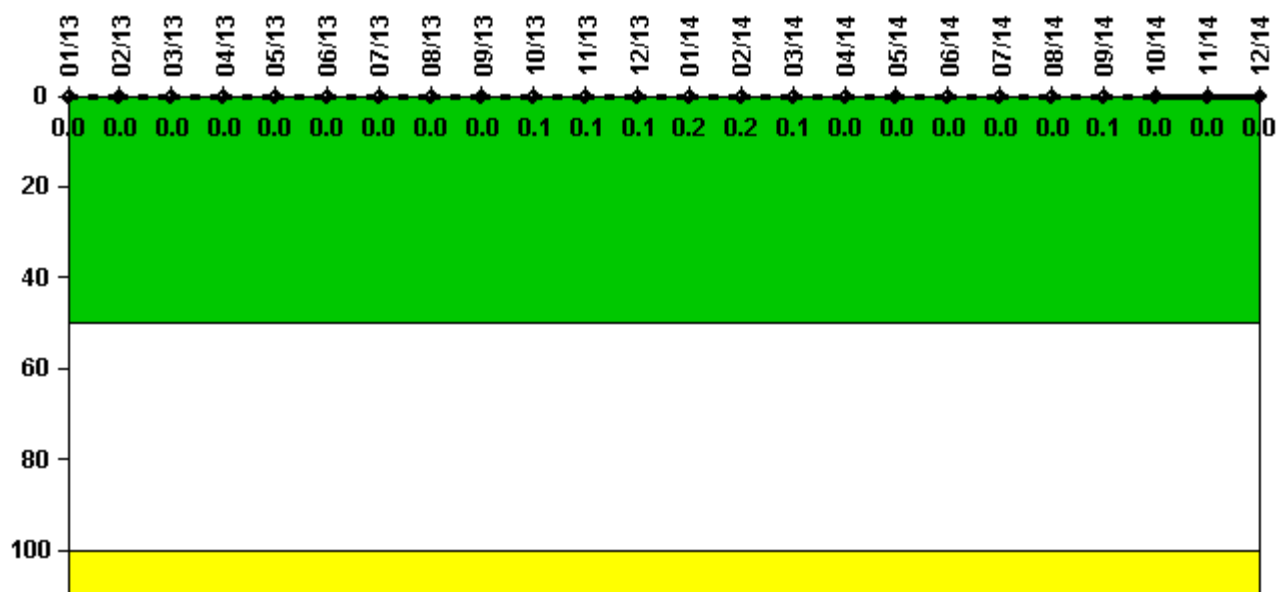
Thresholds: White $> 1.00E-6$ Yellow $> 1.00E-5$ Red $> 1.00E-4$

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
UAI (Δ CDF)	-6.08E-08	-6.11E-08	-6.11E-08	-6.51E-08	-6.51E-08	-6.51E-08	-6.51E-08	-6.51E-08
URI (Δ CDF)	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-7.00E-08	-7.00E-08	-7.00E-08	-7.40E-08	-7.40E-08	-7.40E-08	-7.40E-08	-7.40E-08

Licensee Comments: none

Reactor Coolant System Activity



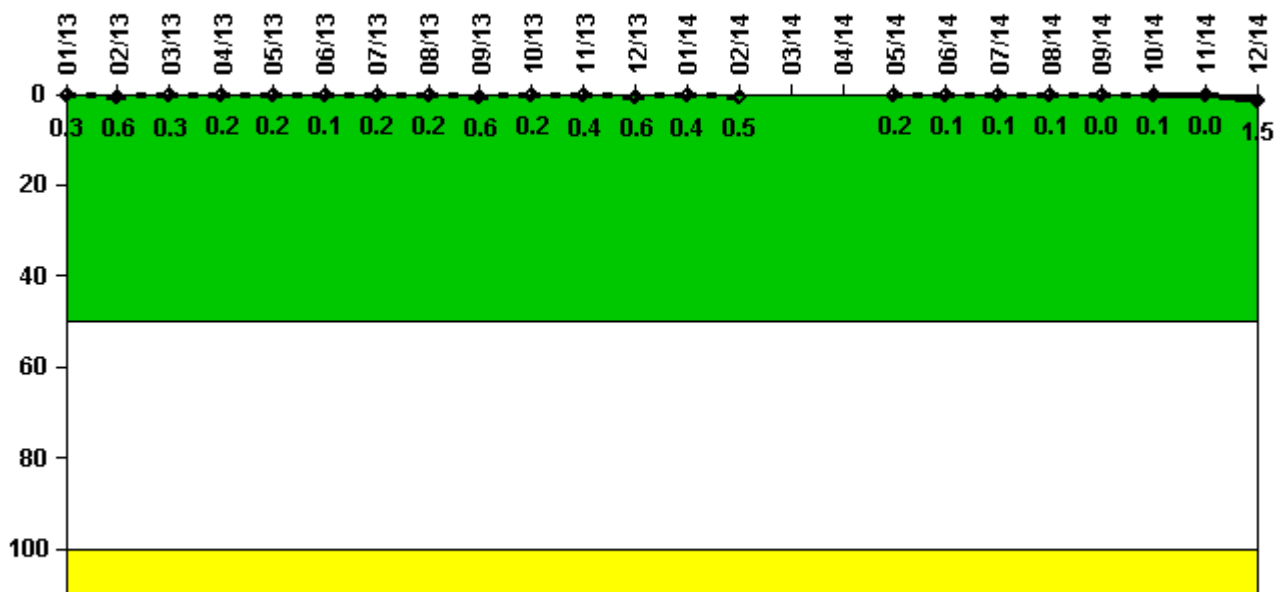
Thresholds: White > 50.0 Yellow > 100.0

Notes

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	0.000282	0.000299	0.000304	0.000334	0.000324	0.000308	0.000323	0.000396	0.000457	0.001050	0.001220	0.001400
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0.1	0.1	0.1
Reactor Coolant System Activity	1/14	2/14	3/14	4/14	5/14	6/14	7/14	8/14	9/14	10/14	11/14	12/14
Maximum activity	0.002040	0.001890	0.001210	0.000113	0.000224	0.000207	0.000269	0.000311	0.000511	0.000323	0.000382	0.000433
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.2	0.2	0.1	0	0	0	0	0	0.1	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



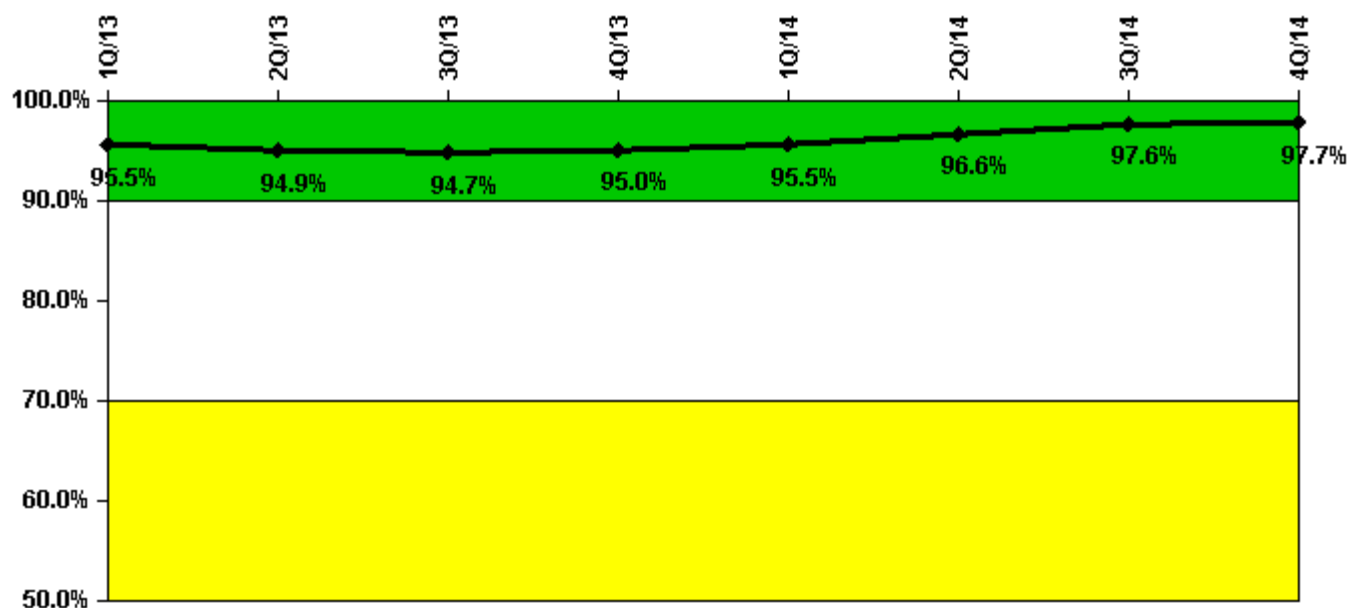
Thresholds: White > 50.0 Yellow > 100.0

Notes

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	0.030	0.060	0.027	0.016	0.024	0.009	0.015	0.022	0.057	0.015	0.038	0.057
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.6	0.3	0.2	0.2	0.1	0.2	0.2	0.6	0.2	0.4	0.6
Reactor Coolant System Leakage	1/14	2/14	3/14	4/14	5/14	6/14	7/14	8/14	9/14	10/14	11/14	12/14
Maximum leakage	0.040	0.050	N/A	N/A	0.017	0.006	0.007	0.012	0.001	0.006	0.003	0.150
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.5	N/A	N/A	0.2	0.1	0.1	0.1	0	0.1	0	1.5

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

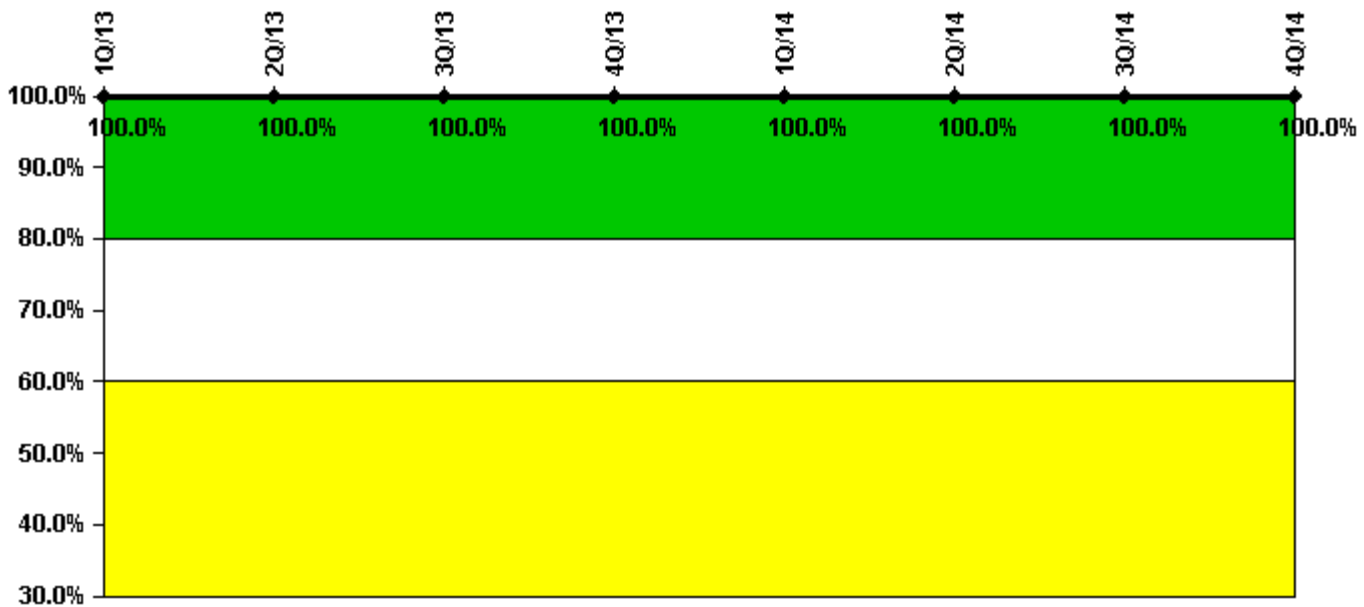
Notes

Drill/Exercise Performance	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Successful opportunities	95.0	56.0	79.0	29.0	50.0	43.0	53.0	29.0
Total opportunities	99.0	58.0	81.0	30.0	50.0	43.0	54.0	29.0
Indicator value	95.5%	94.9%	94.7%	95.0%	95.5%	96.6%	97.6%	97.7%

Licensee Comments:

2Q/13: Change to June 13 total drill, exercise and event opportunities

ERO Drill Participation



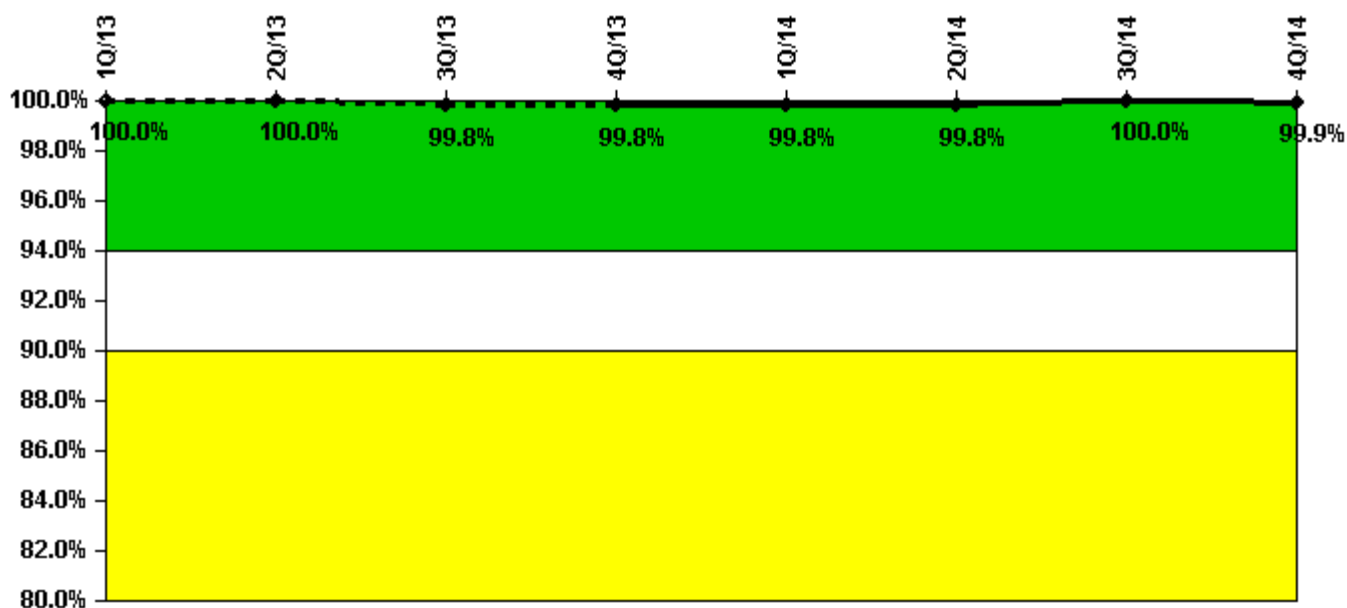
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Participating Key personnel	106.0	102.0	109.0	113.0	114.0	107.0	111.0	110.0
Total Key personnel	106.0	102.0	109.0	113.0	114.0	107.0	111.0	110.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



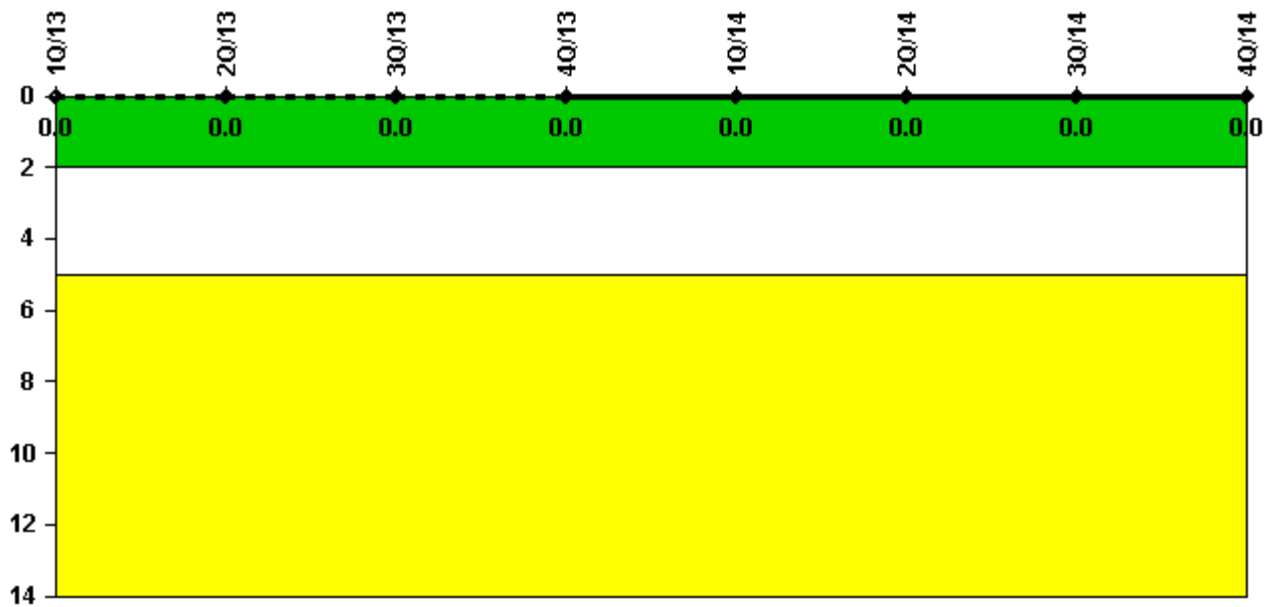
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Successful siren-tests	629	720	626	715	719	630	630	718
Total sirens-tests	630	720	630	715	720	630	630	720
Indicator value	100.0%	100.0%	99.8%	99.8%	99.8%	99.8%	100.0%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness

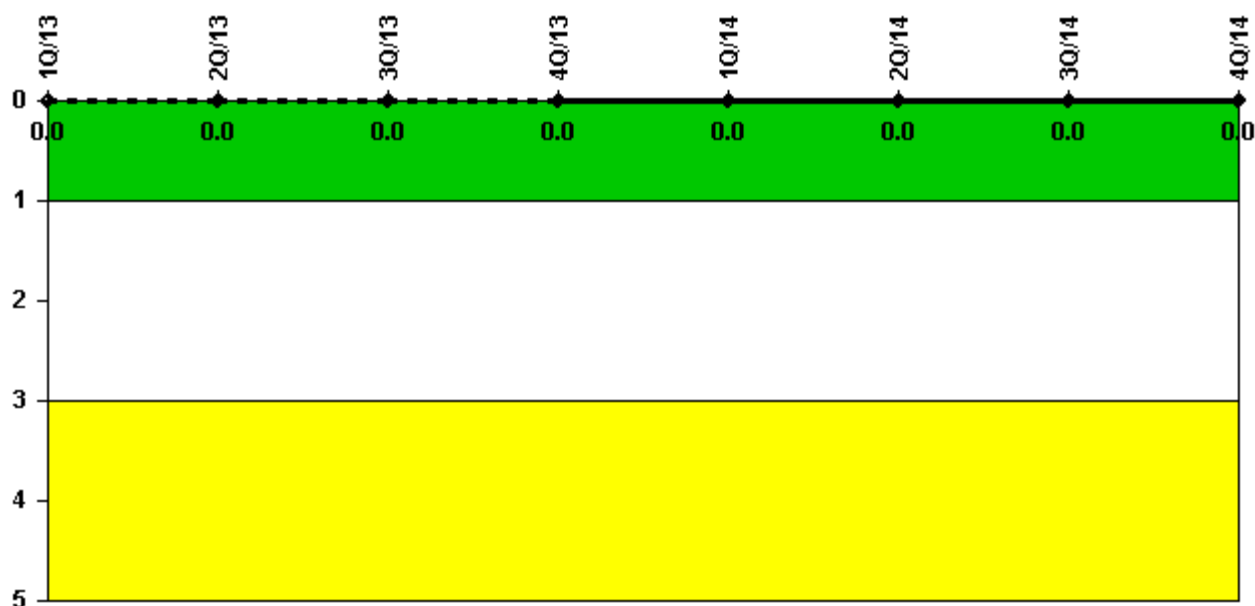


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
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	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
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: February 3, 2015

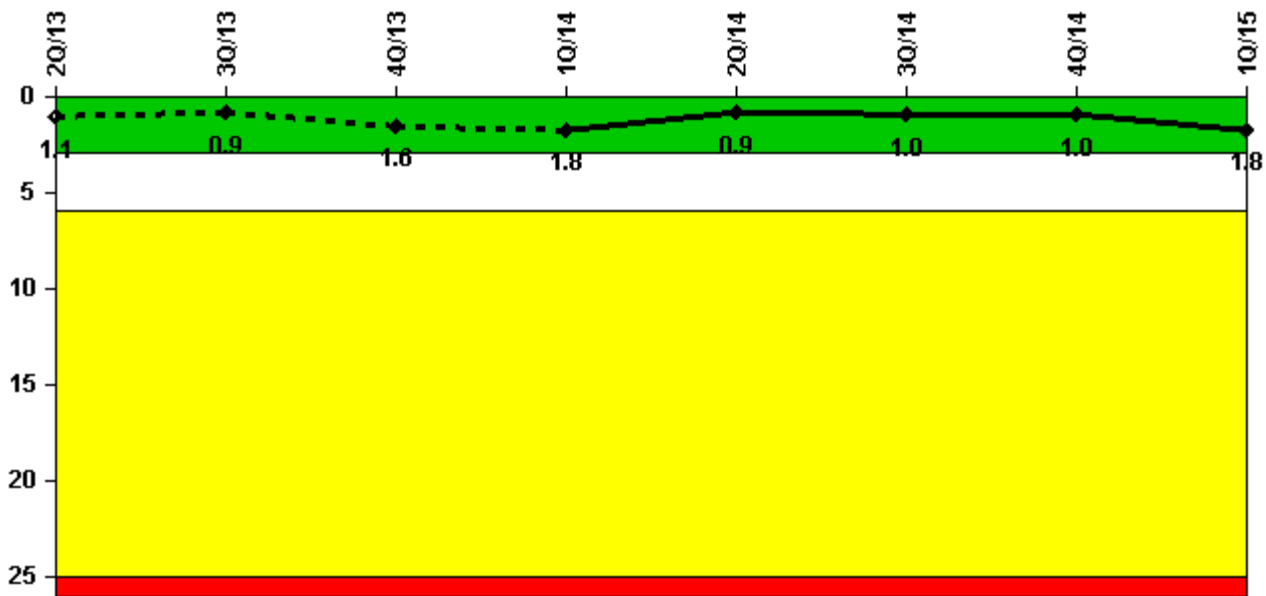
Saint Lucie 2

1Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



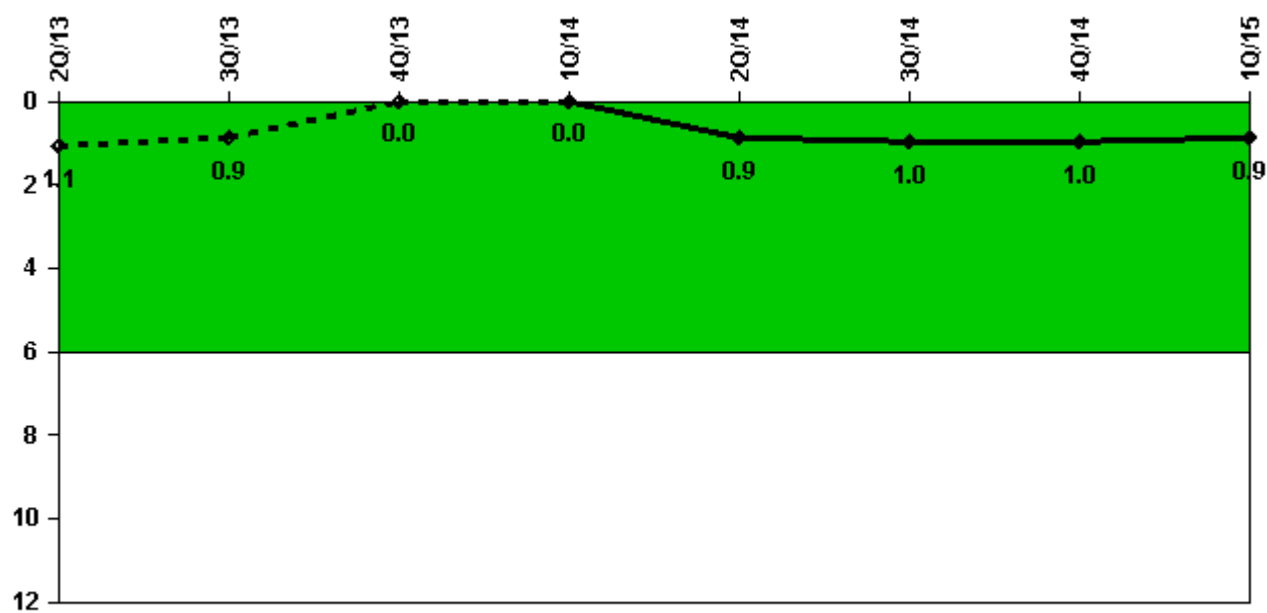
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Unplanned scrams	1.0	0	1.0	0	0	0	1.0	1.0
Critical hours	2127.5	2208.0	2156.9	1464.0	1666.8	1966.2	2077.3	2072.0
Indicator value	1.1	0.9	1.6	1.8	0.9	1.0	1.0	1.8

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



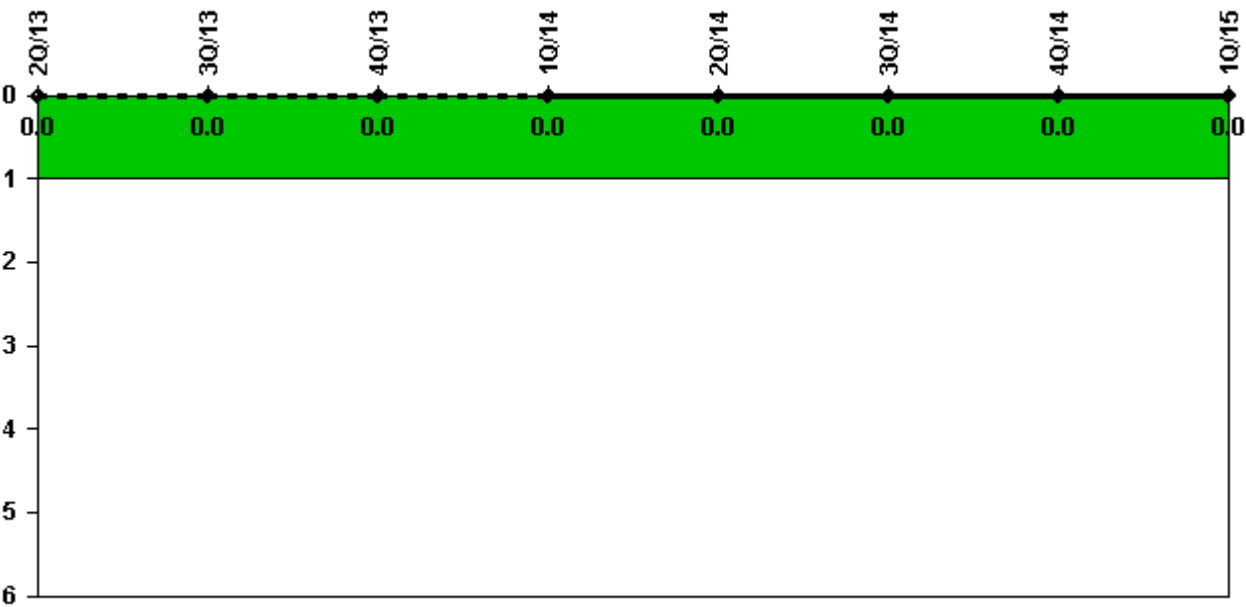
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Unplanned power changes	0	0	0	0	1.0	0	0	0
Critical hours	2127.5	2208.0	2156.9	1464.0	1666.8	1966.2	2077.3	2072.0
Indicator value	1.1	0.9	0	0	0.9	1.0	1.0	0.9

Licensee Comments: none

Unplanned Scrams with Complications



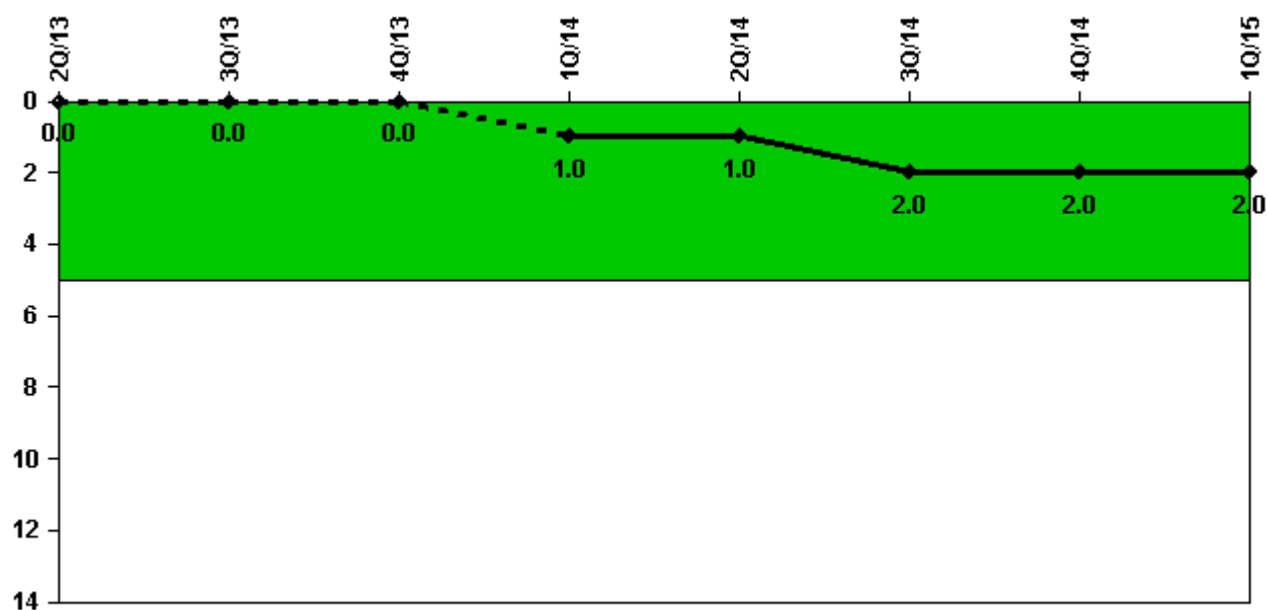
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
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 (PWR)



Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Safety System Functional Failures	0	0	0	1	0	1	0	1
Indicator value	0	0	0	1	1	2	2	2

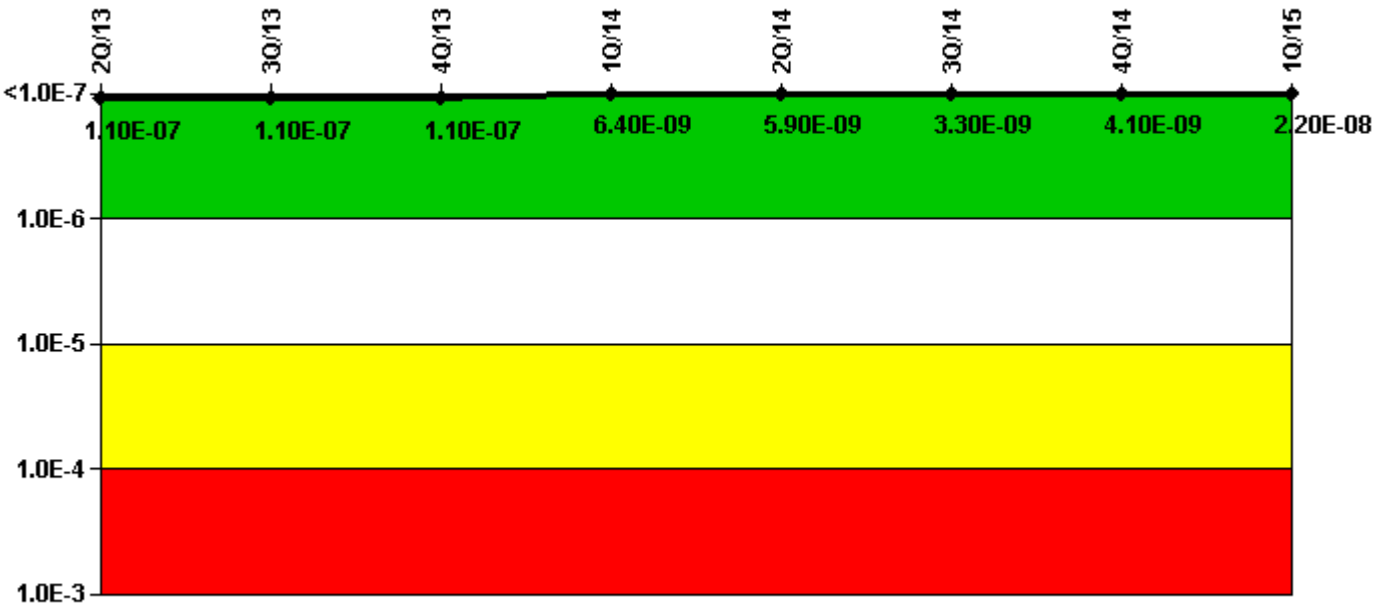
Licensee Comments:

1Q/15: SSFF reported in LER 50-389/2014-001-01 dated 1/30/215

3Q/14: Uni1 1 and 2 LER 50-335, 389/2012-010-02

1Q/14: Change Report for late identification that LER 2015-005-00 dated 2/18/2014 was an SSFF

Mitigating Systems Performance Index, Emergency AC Power System

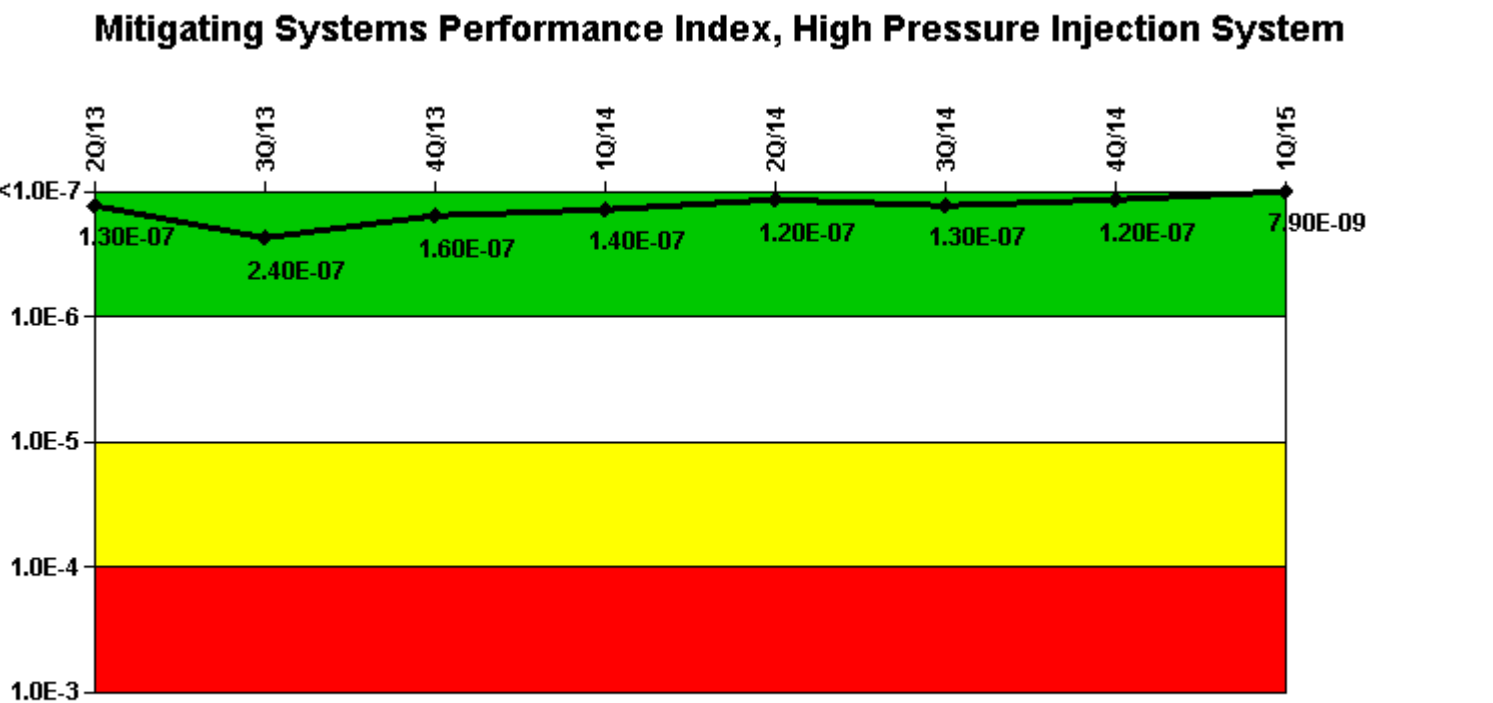


Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
UAI (ΔCDF)	4.81E-09	2.69E-09	2.03E-09	6.22E-09	5.25E-09	2.22E-09	2.51E-09	2.09E-08
URI (ΔCDF)	1.08E-07	1.10E-07	1.11E-07	1.32E-10	5.99E-10	1.07E-09	1.56E-09	1.56E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.10E-07	1.10E-07	1.10E-07	6.40E-09	5.90E-09	3.30E-09	4.10E-09	2.20E-08

Licensee Comments: none



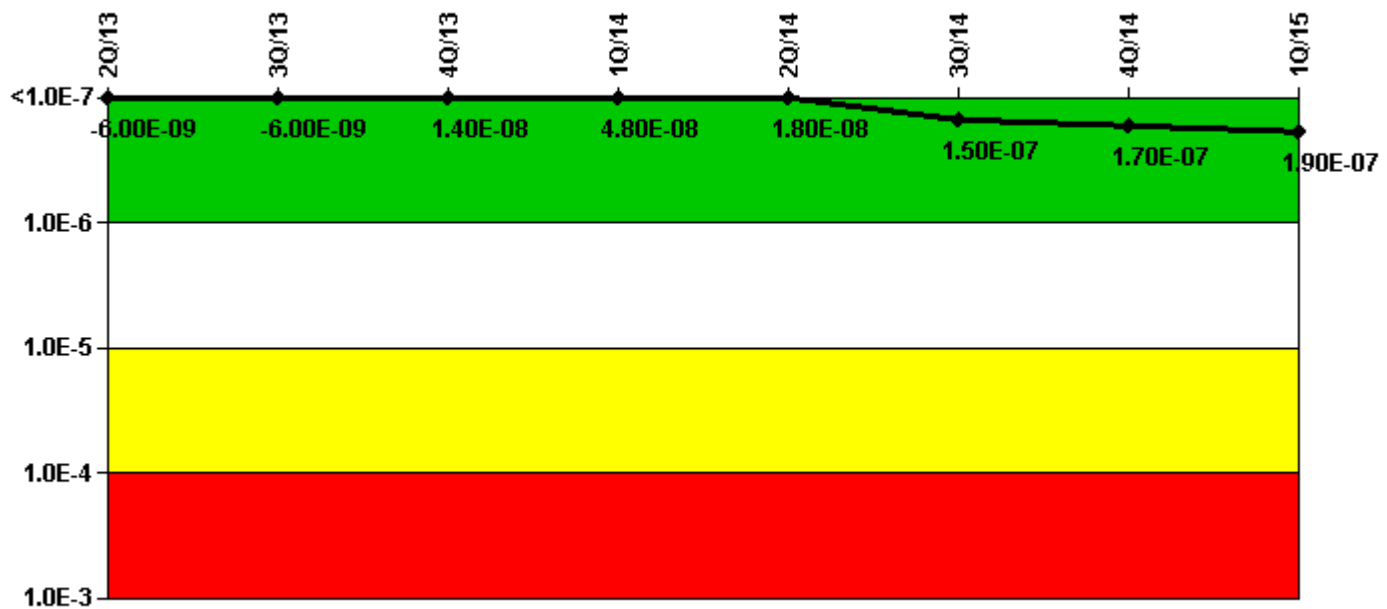
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
UAI (ΔCDF)	4.11E-07	5.22E-07	4.48E-07	4.22E-07	4.02E-07	4.14E-07	4.02E-07	2.91E-07
URI (ΔCDF)	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.30E-07	2.40E-07	1.60E-07	1.40E-07	1.20E-07	1.30E-07	1.20E-07	7.90E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

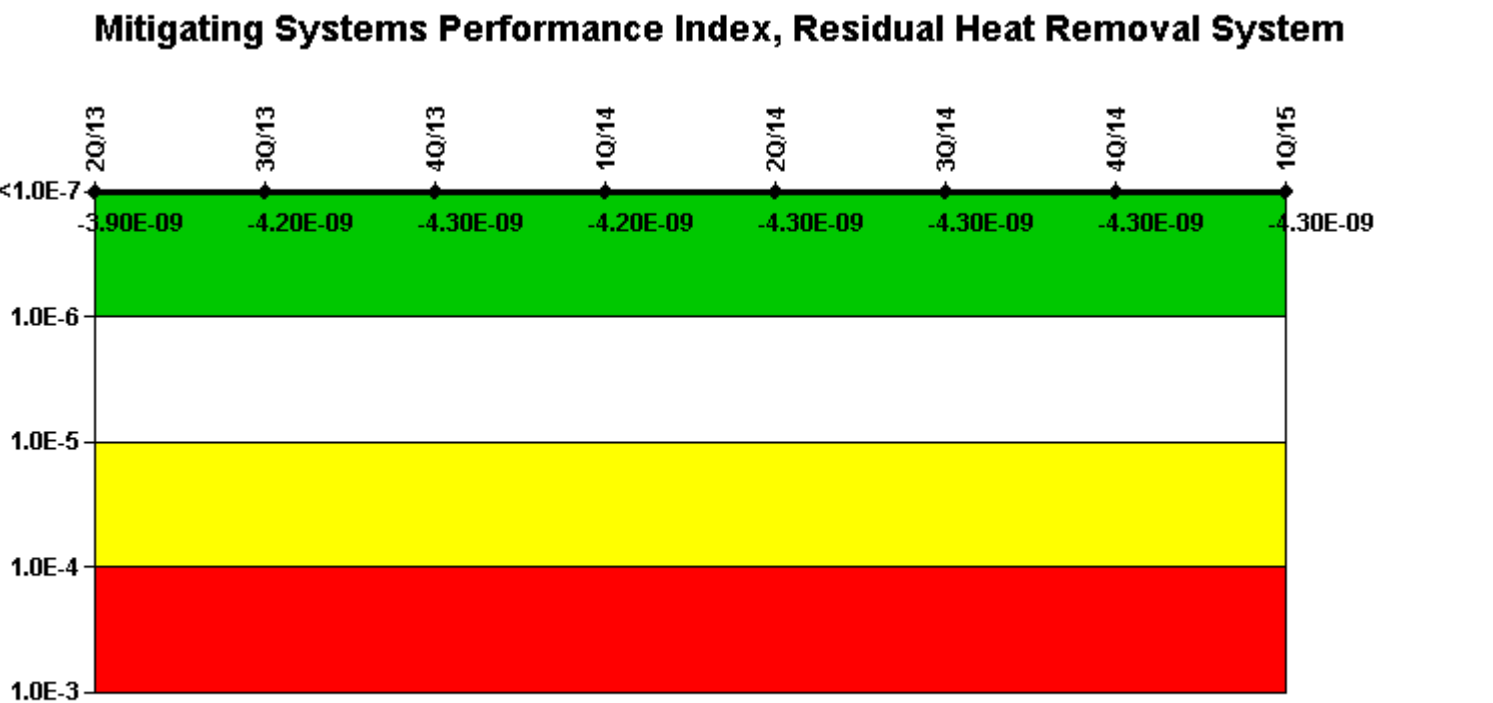


Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
UAI (Δ CDF)	2.18E-08	2.18E-08	2.19E-08	2.01E-08	4.32E-09	8.63E-09	4.97E-09	5.03E-09
URI (Δ CDF)	-2.78E-08	-2.78E-08	-7.44E-09	2.77E-08	1.37E-08	1.45E-07	1.65E-07	1.86E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.00E-09	-6.00E-09	1.40E-08	4.80E-08	1.80E-08	1.50E-07	1.70E-07	1.90E-07

Licensee Comments: none



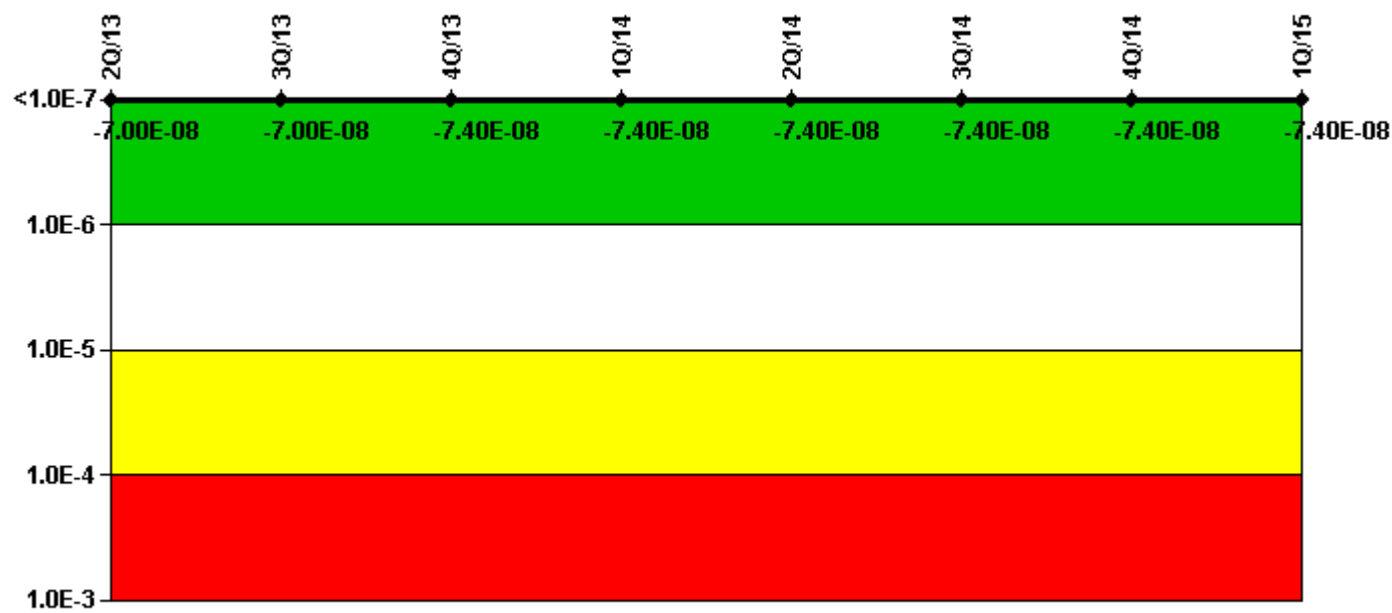
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
UAI (ΔCDF)	-6.49E-10	-9.12E-10	-1.00E-09	-9.67E-10	-1.03E-09	-1.03E-09	-1.03E-09	-1.03E-09
URI (ΔCDF)	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.90E-09	-4.20E-09	-4.30E-09	-4.20E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



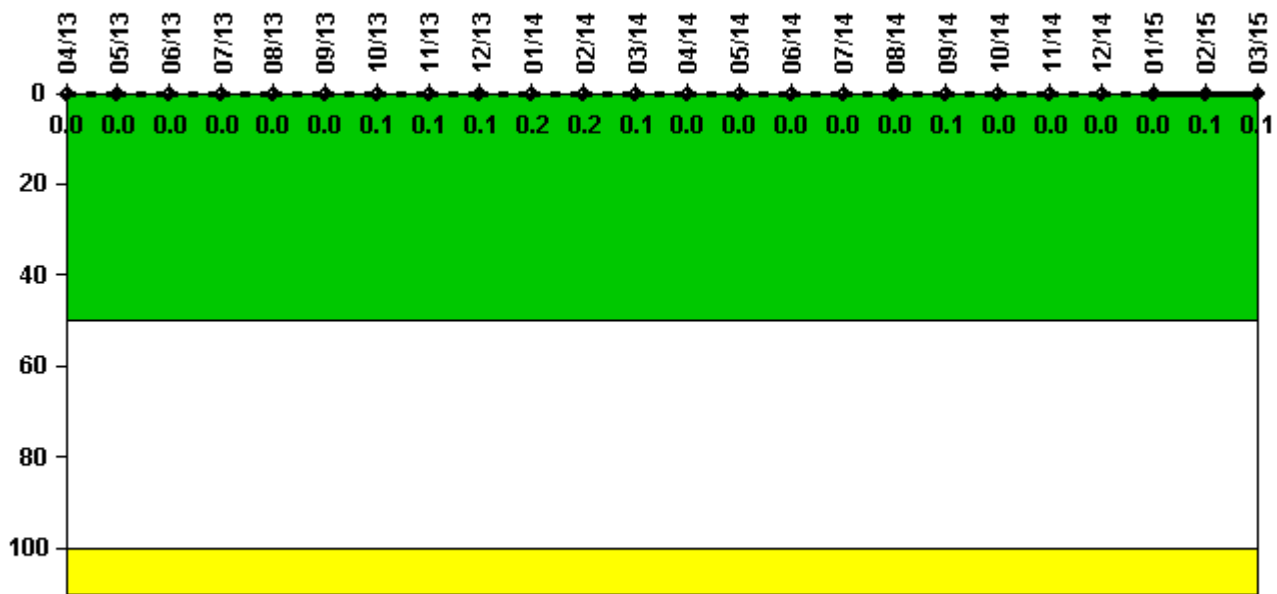
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
UAI (ΔCDF)	-6.11E-08	-6.11E-08	-6.51E-08	-6.51E-08	-6.51E-08	-6.51E-08	-6.51E-08	-6.51E-08
URI (ΔCDF)	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-7.00E-08	-7.00E-08	-7.40E-08	-7.40E-08	-7.40E-08	-7.40E-08	-7.40E-08	-7.40E-08

Licensee Comments: none

Reactor Coolant System Activity



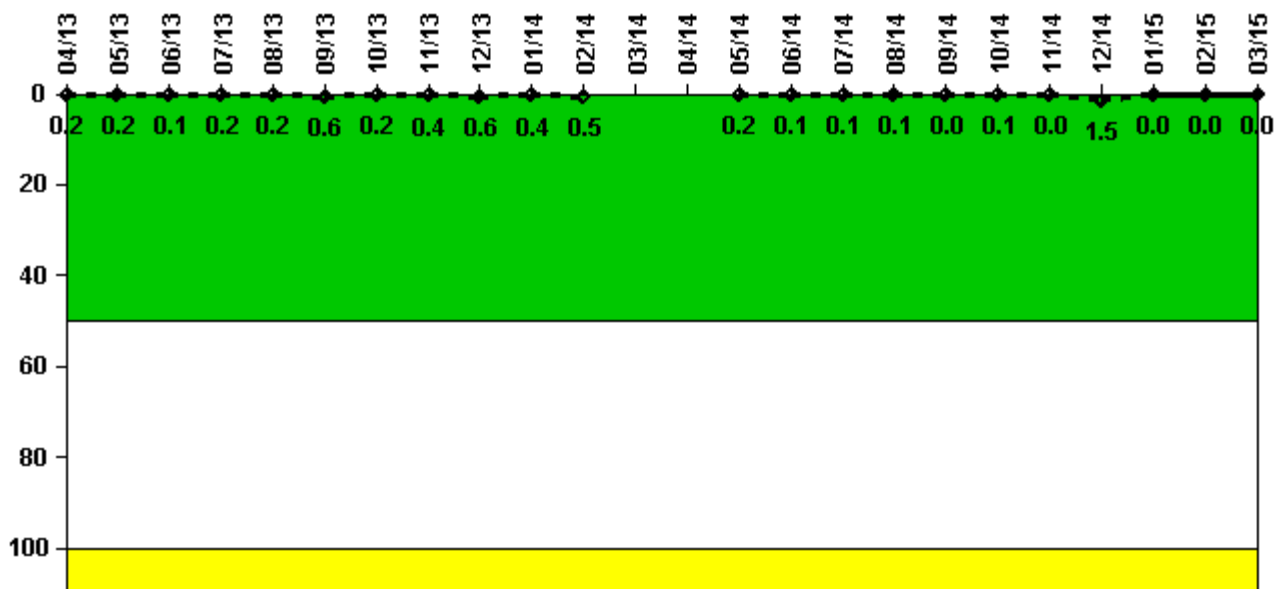
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	4/13	5/13	6/13	7/13	8/13	9/13	10/13	11/13	12/13	1/14	2/14	3/14
Maximum activity	0.000334	0.000324	0.000308	0.000323	0.000396	0.000457	0.001050	0.001220	0.001400	0.002040	0.001890	0.001210
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0.1	0.1	0.1	0.2	0.2	0.1
Reactor Coolant System Activity	4/14	5/14	6/14	7/14	8/14	9/14	10/14	11/14	12/14	1/15	2/15	3/15
Maximum activity	0.000113	0.000224	0.000207	0.000269	0.000311	0.000511	0.000323	0.000382	0.000433	0.000388	0.000669	0.000900
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0.1	0	0	0	0	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



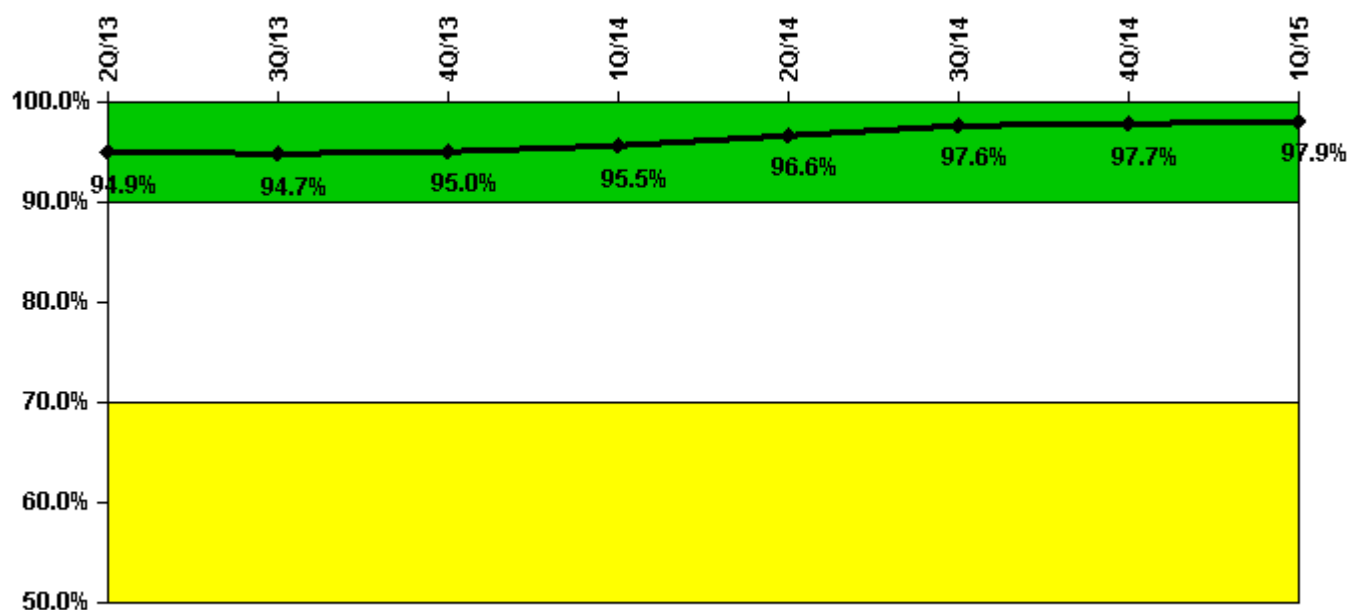
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/13	5/13	6/13	7/13	8/13	9/13	10/13	11/13	12/13	1/14	2/14	3/14
Maximum leakage	0.016	0.024	0.009	0.015	0.022	0.057	0.015	0.038	0.057	0.040	0.050	N/A
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.2	0.1	0.2	0.2	0.6	0.2	0.4	0.6	0.4	0.5	N/A
Reactor Coolant System Leakage	4/14	5/14	6/14	7/14	8/14	9/14	10/14	11/14	12/14	1/15	2/15	3/15
Maximum leakage	N/A	0.017	0.006	0.007	0.012	0.001	0.006	0.003	0.150	0	0	0.002
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	N/A	0.2	0.1	0.1	0.1	0	0.1	0	1.5	0	0	0

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

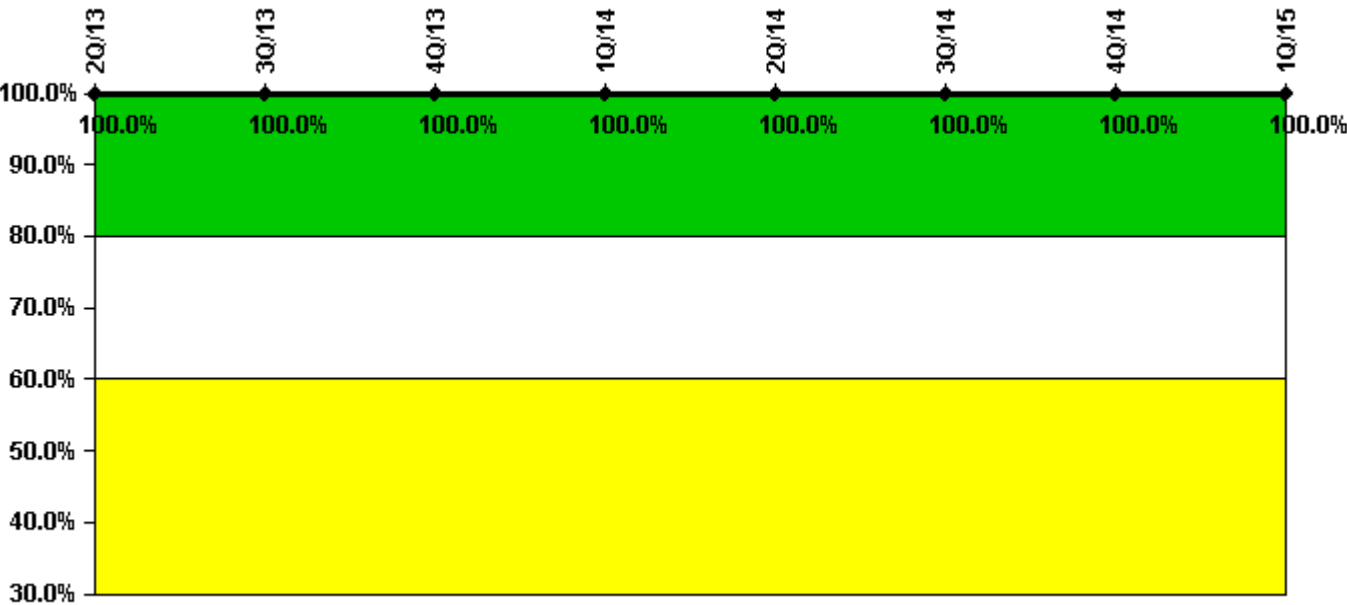
Notes

Drill/Exercise Performance	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Successful opportunities	56.0	79.0	29.0	50.0	43.0	53.0	29.0	31.0
Total opportunities	58.0	81.0	30.0	50.0	43.0	54.0	29.0	33.0
Indicator value	94.9%	94.7%	95.0%	95.5%	96.6%	97.6%	97.7%	97.9%

Licensee Comments:

2Q/13: Change to June 13 total drill, exercise and event opportunities

ERO Drill Participation



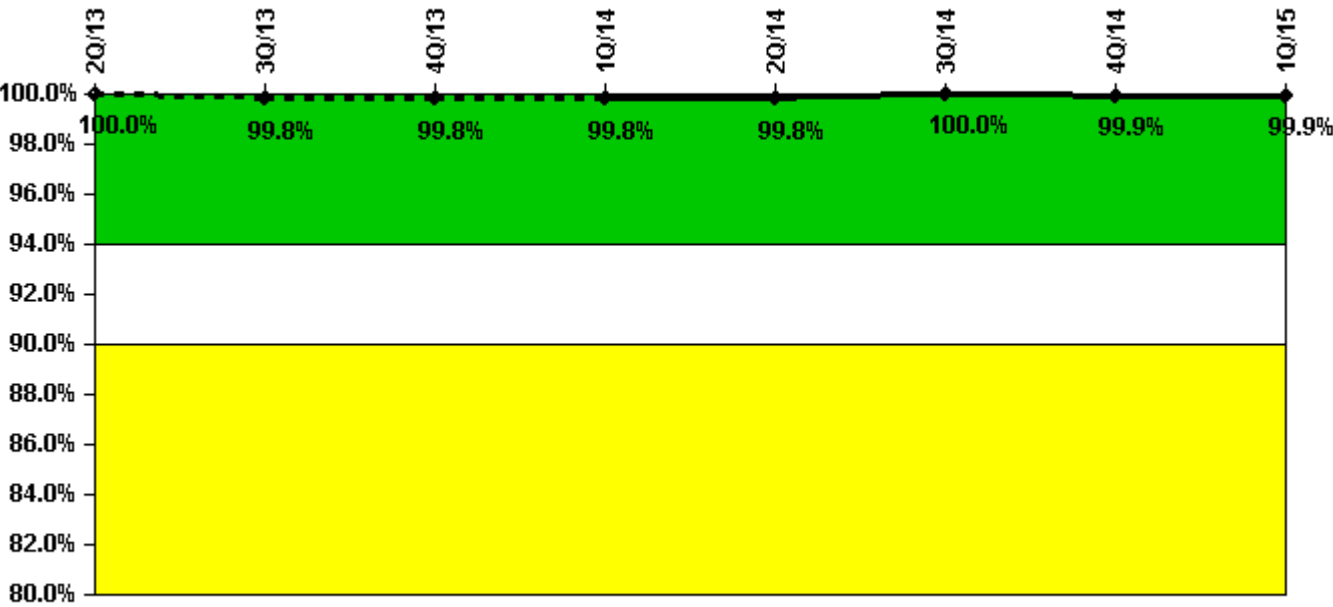
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Participating Key personnel	102.0	109.0	113.0	114.0	107.0	111.0	110.0	94.0
Total Key personnel	102.0	109.0	113.0	114.0	107.0	111.0	110.0	94.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



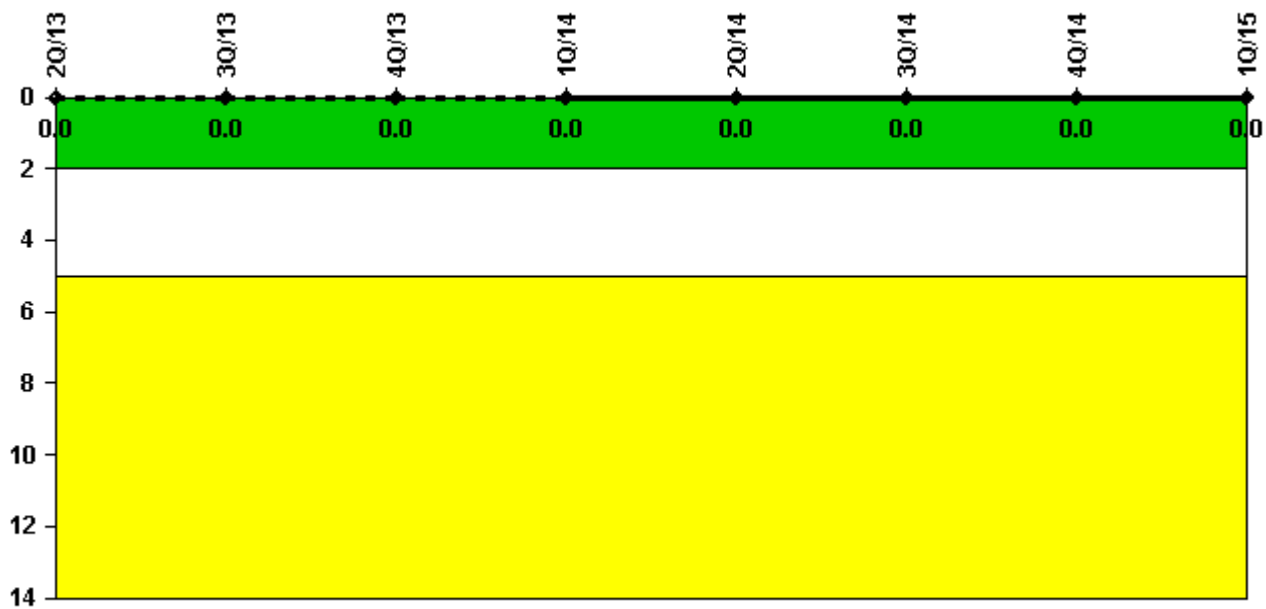
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Successful siren-tests	720	626	715	719	630	630	718	630
Total sirens-tests	720	630	715	720	630	630	720	630
Indicator value	100.0%	99.8%	99.8%	99.8%	99.8%	100.0%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness

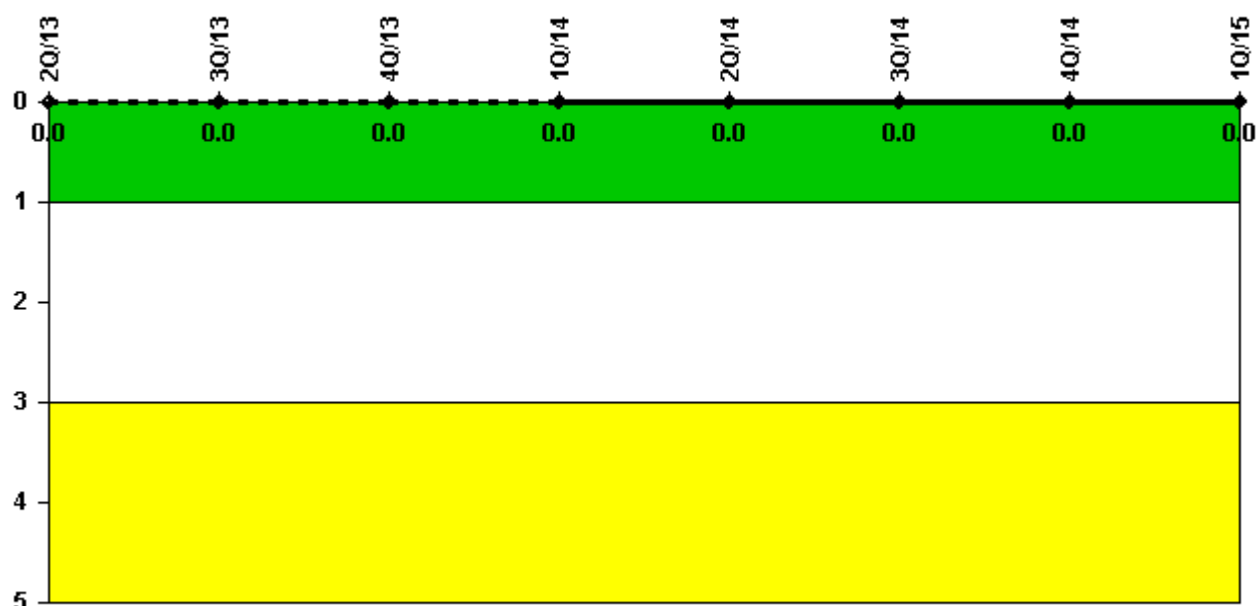


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
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/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
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: April 23, 2015

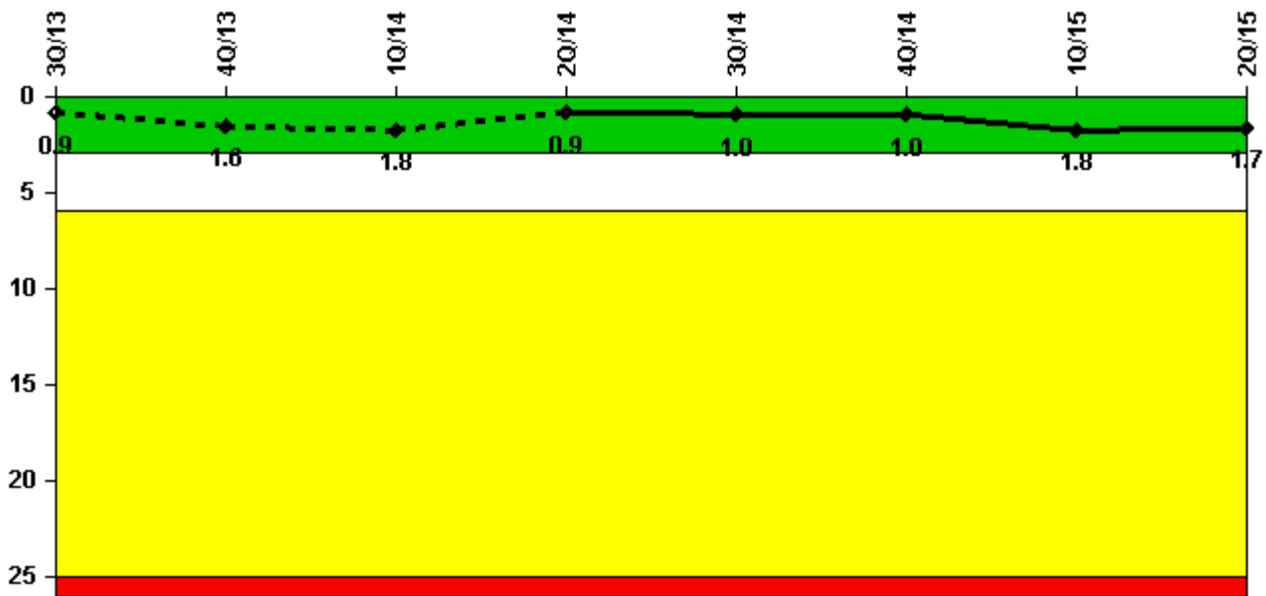
Saint Lucie 2

2Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



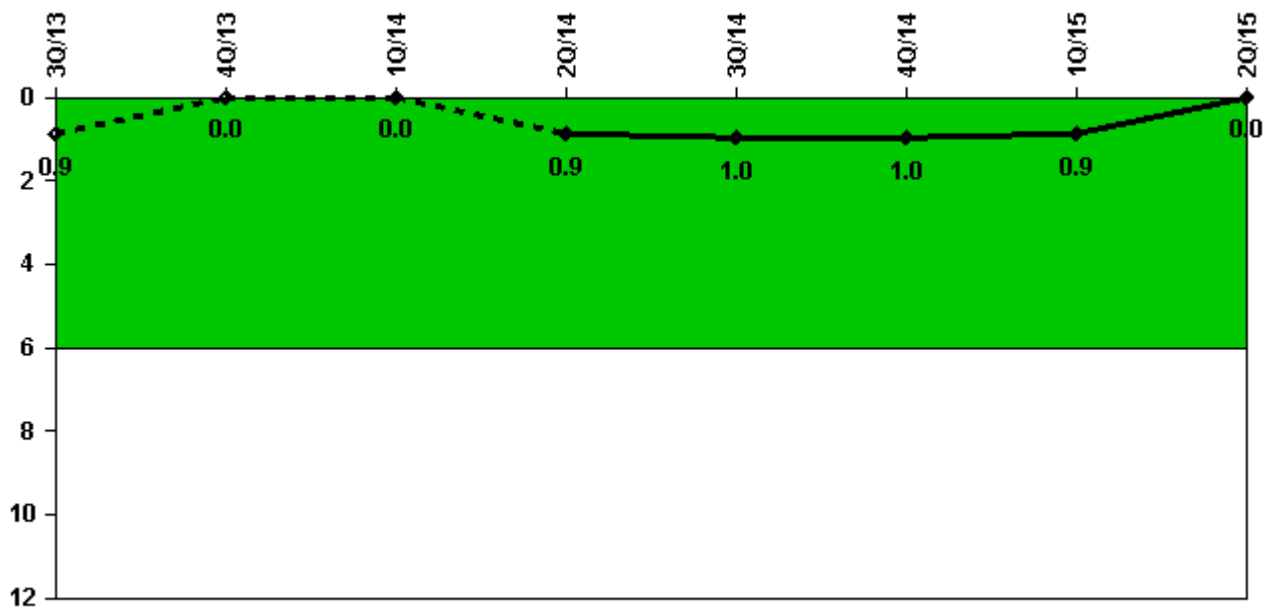
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Unplanned scrams	0	1.0	0	0	0	1.0	1.0	0
Critical hours	2208.0	2156.9	1464.0	1666.8	1966.2	2077.3	2072.0	1964.4
Indicator value	0.9	1.6	1.8	0.9	1.0	1.0	1.8	1.7

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



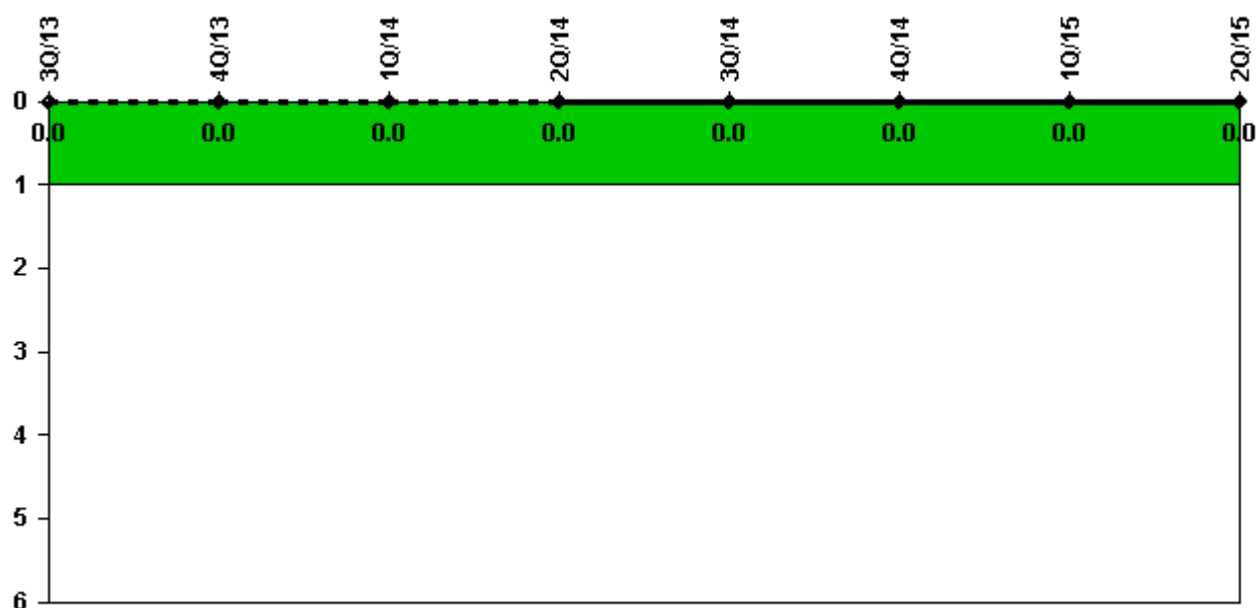
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Unplanned power changes	0	0	0	1.0	0	0	0	0
Critical hours	2208.0	2156.9	1464.0	1666.8	1966.2	2077.3	2072.0	1964.4
Indicator value	0.9	0	0	0.9	1.0	1.0	0.9	0

Licensee Comments: none

Unplanned Scrams with Complications



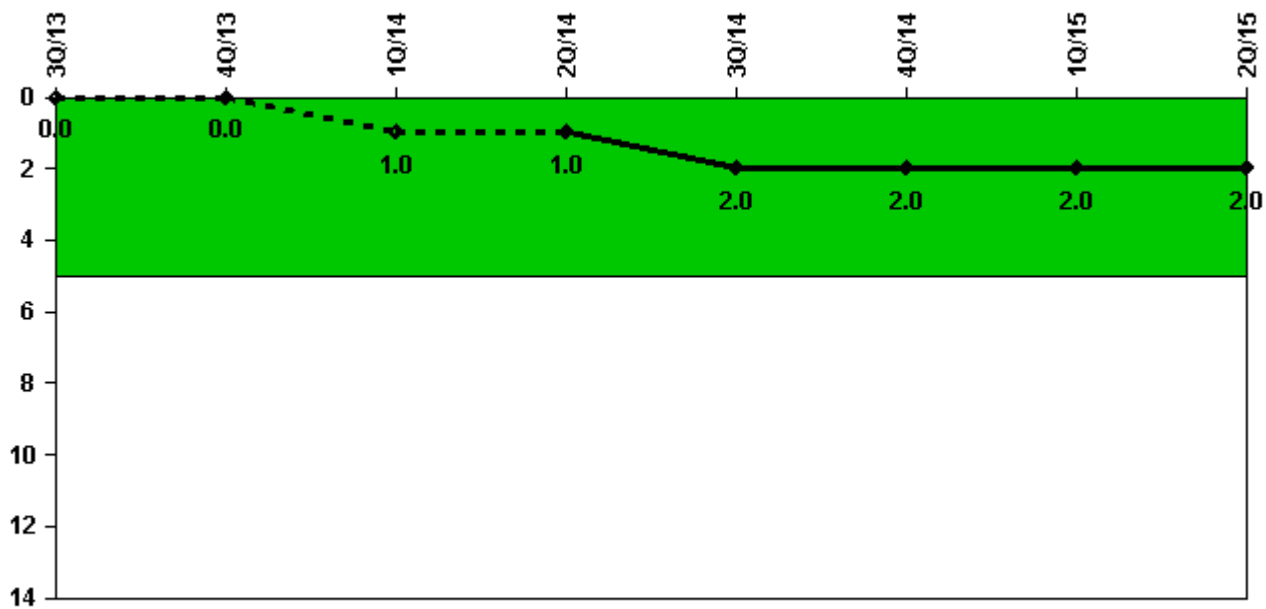
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
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 (PWR)



Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Safety System Functional Failures	0	0	1	0	1	0	1	0
Indicator value	0	0	1	1	2	2	2	2

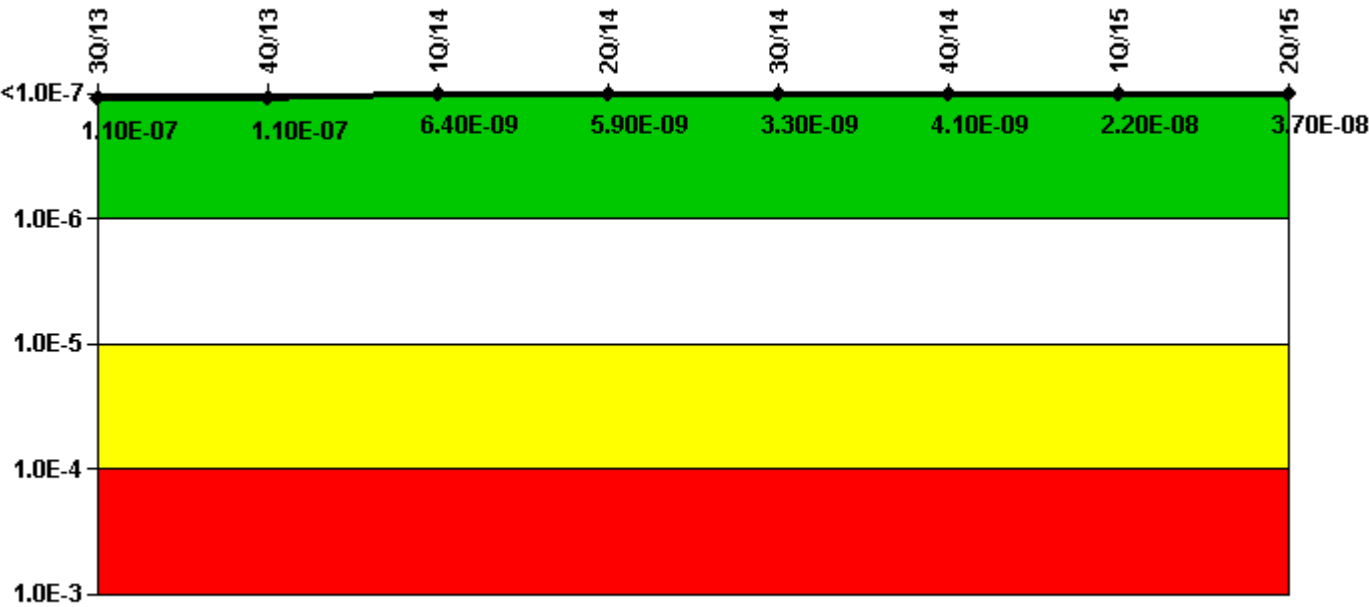
Licensee Comments:

1Q/15: SSFF reported in LER 50-389/2014-001-01 dated 1/30/215

3Q/14: Uni1 1 and 2 LER 50-335, 389/2012-010-02

1Q/14: Change Report for late identification that LER 2015-005-00 dated 2/18/2014 was an SSFF

Mitigating Systems Performance Index, Emergency AC Power System



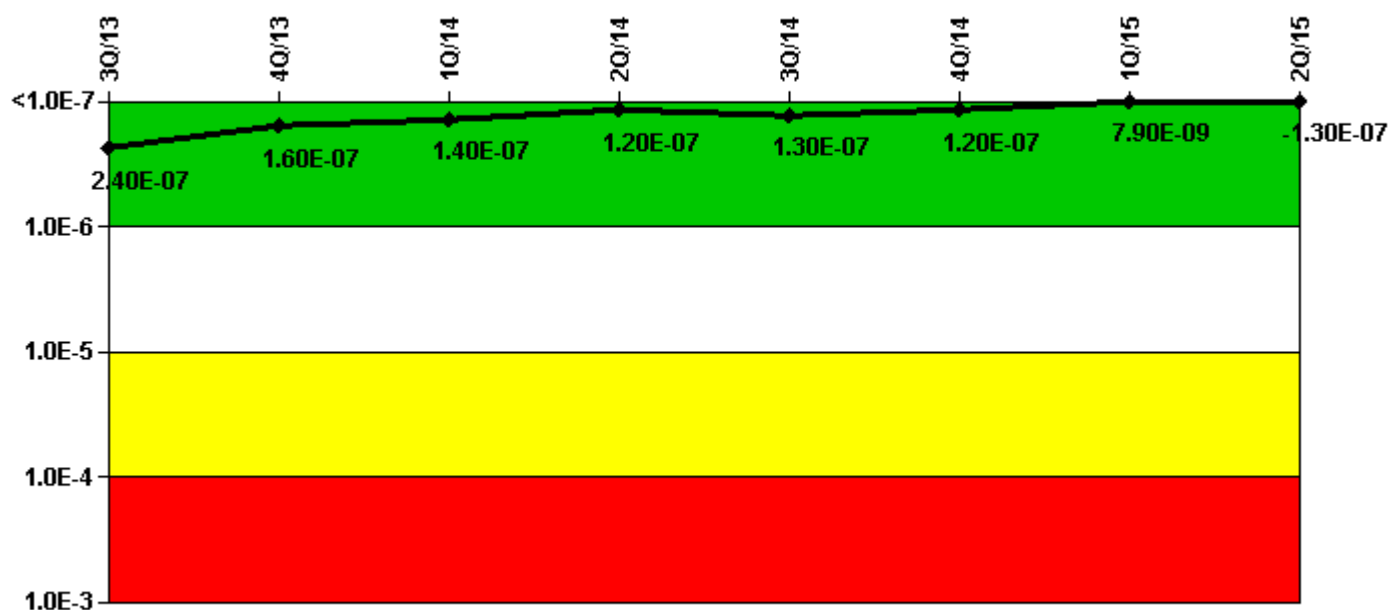
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
UAI (ΔCDF)	2.69E-09	2.03E-09	6.22E-09	5.25E-09	2.22E-09	2.51E-09	2.09E-08	3.54E-08
URI (ΔCDF)	1.10E-07	1.11E-07	1.32E-10	5.99E-10	1.07E-09	1.56E-09	1.56E-09	1.56E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.10E-07	1.10E-07	6.40E-09	5.90E-09	3.30E-09	4.10E-09	2.20E-08	3.70E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



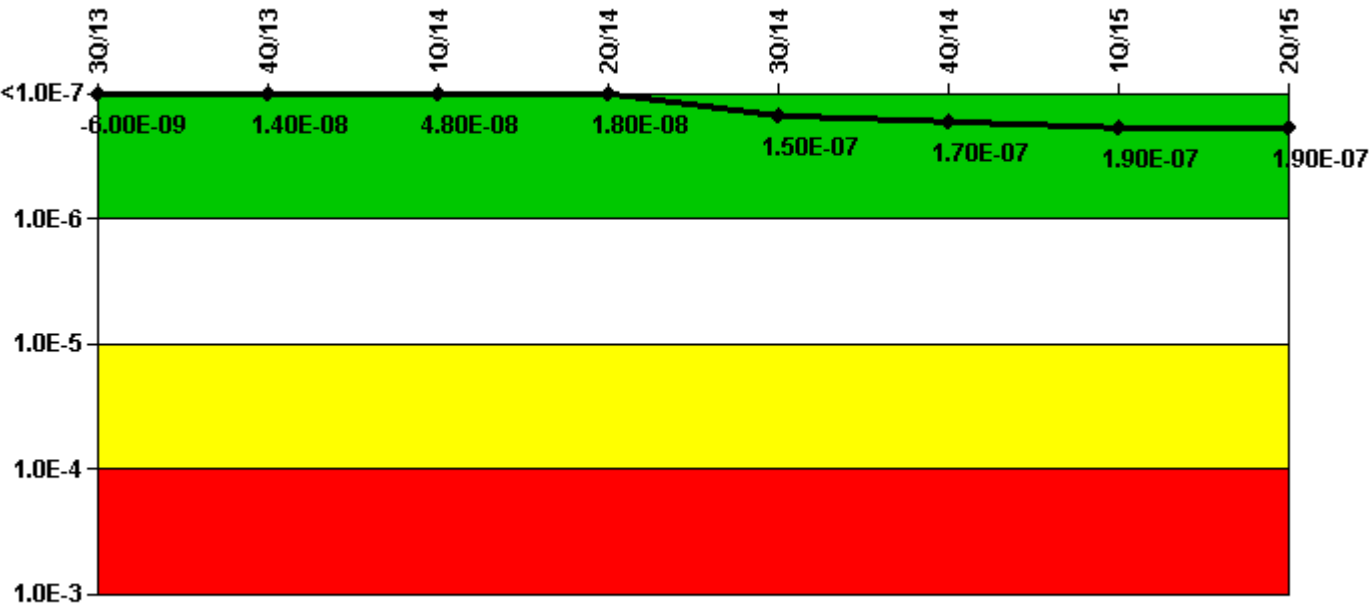
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
UAI (Δ CDF)	5.22E-07	4.48E-07	4.22E-07	4.02E-07	4.14E-07	4.02E-07	2.91E-07	1.53E-07
URI (Δ CDF)	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.40E-07	1.60E-07	1.40E-07	1.20E-07	1.30E-07	1.20E-07	7.90E-09	-1.30E-07

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

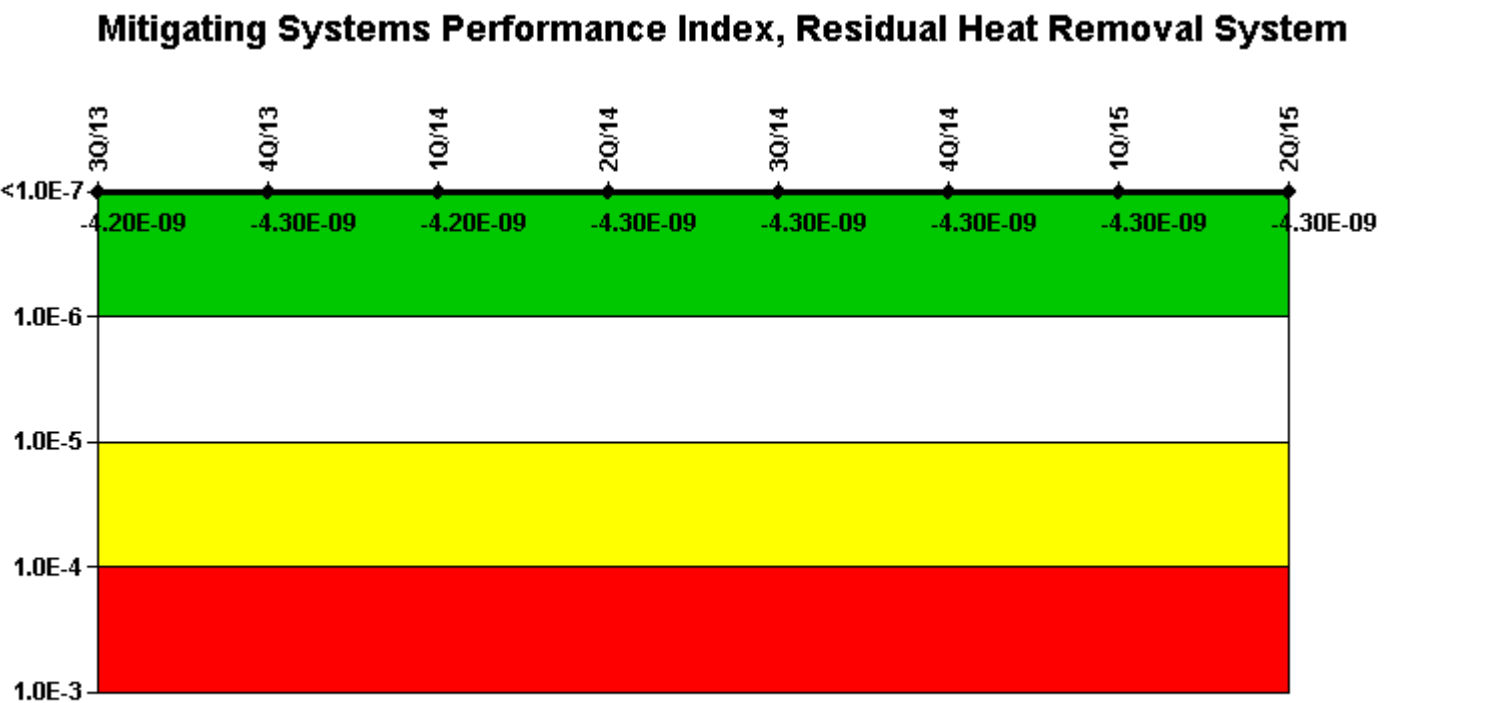


Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
UAI (ΔCDF)	2.18E-08	2.19E-08	2.01E-08	4.32E-09	8.63E-09	4.97E-09	5.03E-09	5.12E-09
URI (ΔCDF)	-2.78E-08	-7.44E-09	2.77E-08	1.37E-08	1.45E-07	1.65E-07	1.86E-07	1.88E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.00E-09	1.40E-08	4.80E-08	1.80E-08	1.50E-07	1.70E-07	1.90E-07	1.90E-07

Licensee Comments: none



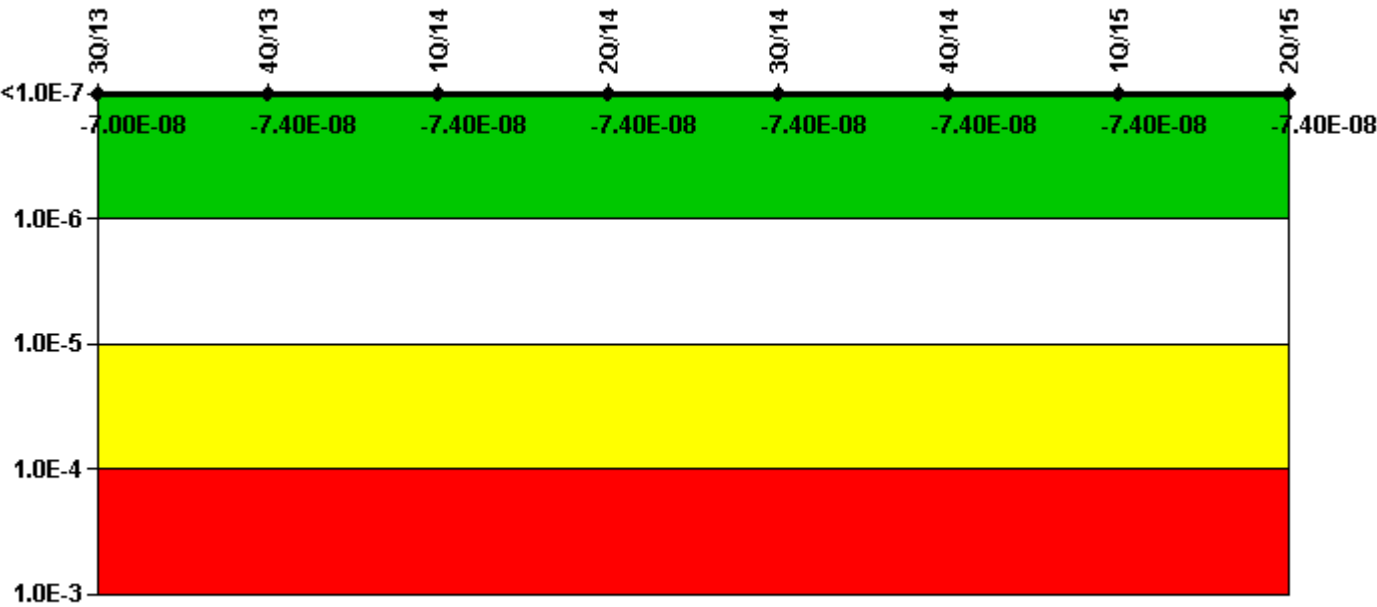
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
UAI (ΔCDF)	-9.12E-10	-1.00E-09	-9.67E-10	-1.03E-09	-1.03E-09	-1.03E-09	-1.03E-09	-1.03E-09
URI (ΔCDF)	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.20E-09	-4.30E-09	-4.20E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



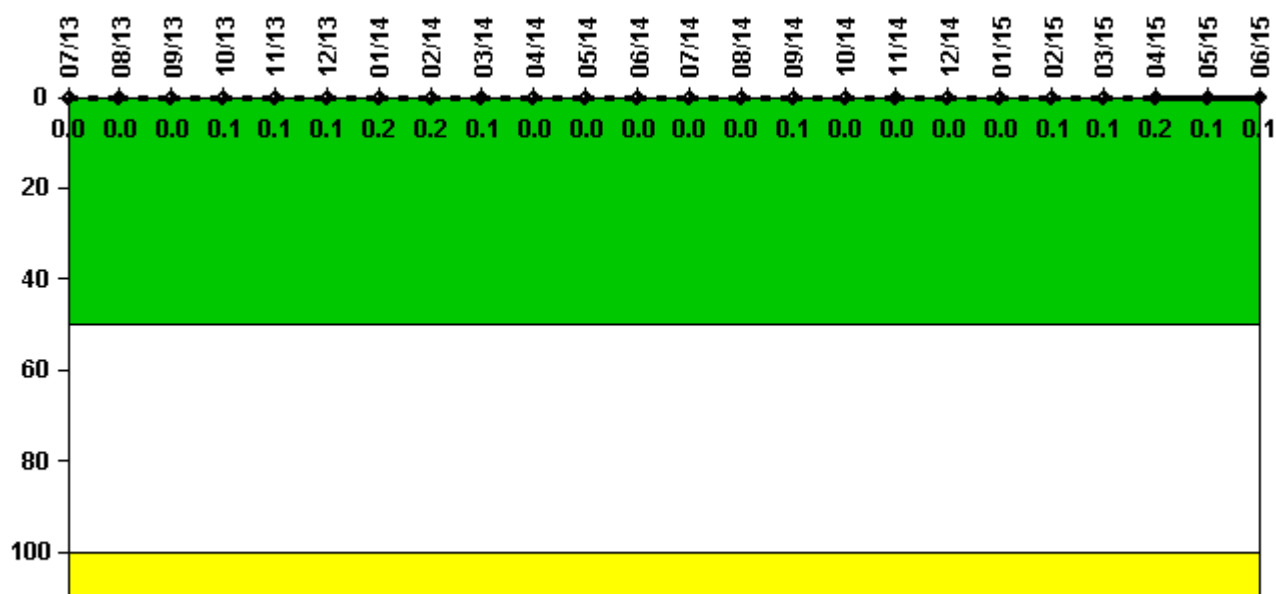
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
UAI (ΔCDF)	-6.11E-08	-6.51E-08	-6.51E-08	-6.51E-08	-6.51E-08	-6.51E-08	-6.51E-08	-6.51E-08
URI (ΔCDF)	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-7.00E-08	-7.40E-08	-7.40E-08	-7.40E-08	-7.40E-08	-7.40E-08	-7.40E-08	-7.40E-08

Licensee Comments: none

Reactor Coolant System Activity



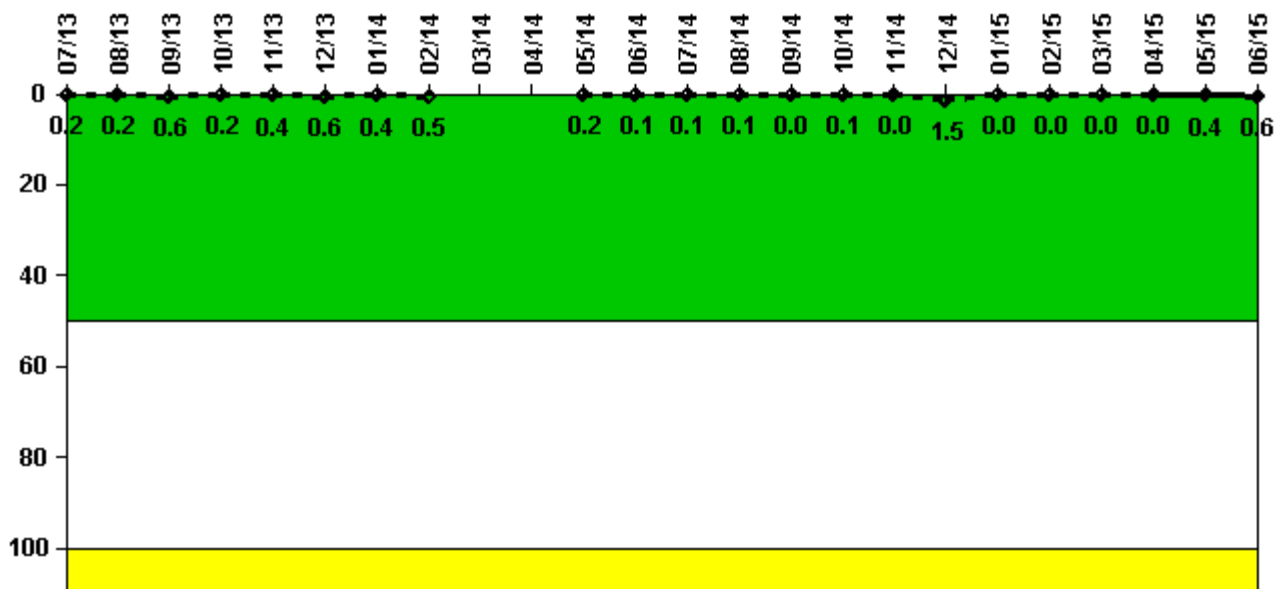
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/13	8/13	9/13	10/13	11/13	12/13	1/14	2/14	3/14	4/14	5/14	6/14
Maximum activity	0.000323	0.000396	0.000457	0.001050	0.001220	0.001400	0.002040	0.001890	0.001210	0.000113	0.000224	0.000207
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0.1	0.1	0.1	0.2	0.2	0.1	0	0	0
Reactor Coolant System Activity	7/14	8/14	9/14	10/14	11/14	12/14	1/15	2/15	3/15	4/15	5/15	6/15
Maximum activity	0.000269	0.000311	0.000511	0.000323	0.000382	0.000433	0.000388	0.000669	0.000900	0.001600	0.001090	0.001480
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0.1	0	0	0	0	0.1	0.1	0.2	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



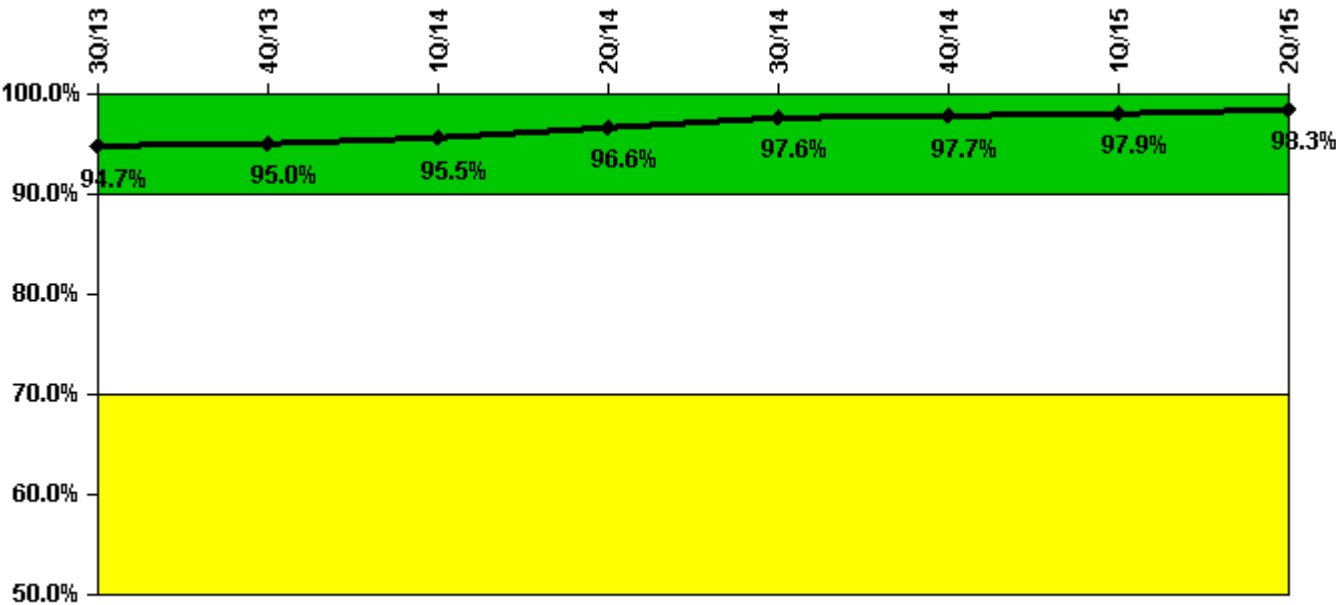
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/13	8/13	9/13	10/13	11/13	12/13	1/14	2/14	3/14	4/14	5/14	6/14
Maximum leakage	0.015	0.022	0.057	0.015	0.038	0.057	0.040	0.050	N/A	N/A	0.017	0.006
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.2	0.6	0.2	0.4	0.6	0.4	0.5	N/A	N/A	0.2	0.1
Reactor Coolant System Leakage	7/14	8/14	9/14	10/14	11/14	12/14	1/15	2/15	3/15	4/15	5/15	6/15
Maximum leakage	0.007	0.012	0.001	0.006	0.003	0.150	0	0	0.002	0	0.040	0.062
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.1	0	0.1	0	1.5	0	0	0	0	0.4	0.6

Licensee Comments: none

Drill/Exercise Performance



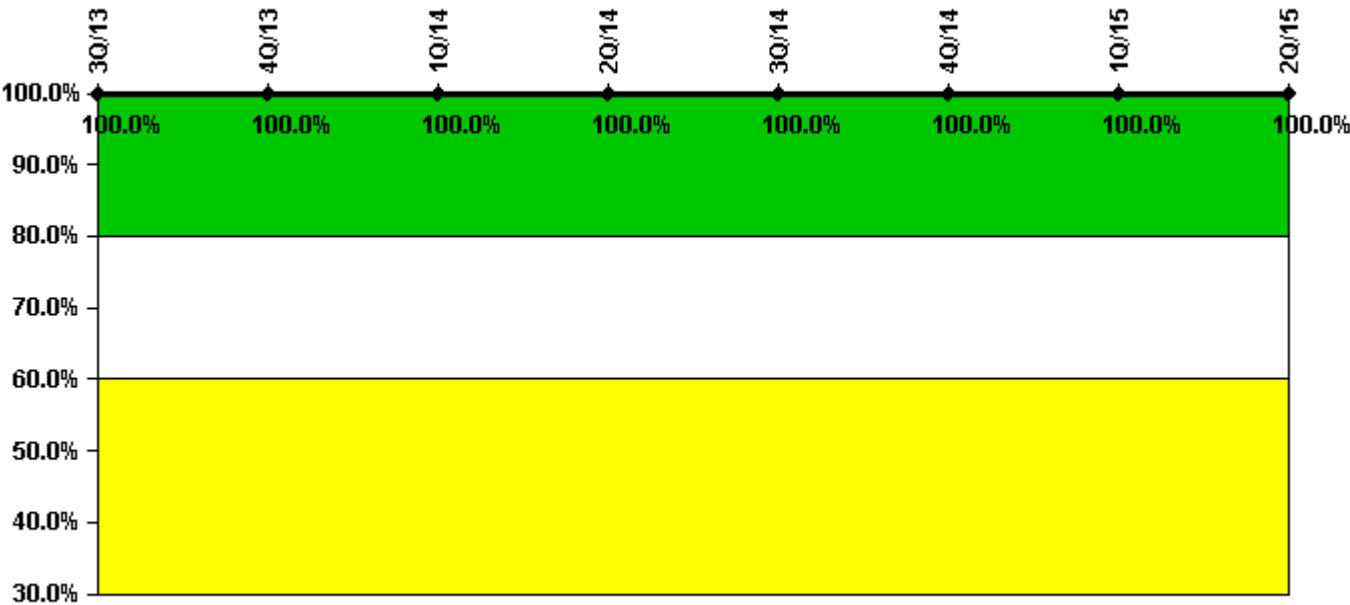
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Successful opportunities	79.0	29.0	50.0	43.0	53.0	29.0	31.0	31.0
Total opportunities	81.0	30.0	50.0	43.0	54.0	29.0	33.0	31.0
Indicator value	94.7%	95.0%	95.5%	96.6%	97.6%	97.7%	97.9%	98.3%

Licensee Comments: none

ERO Drill Participation



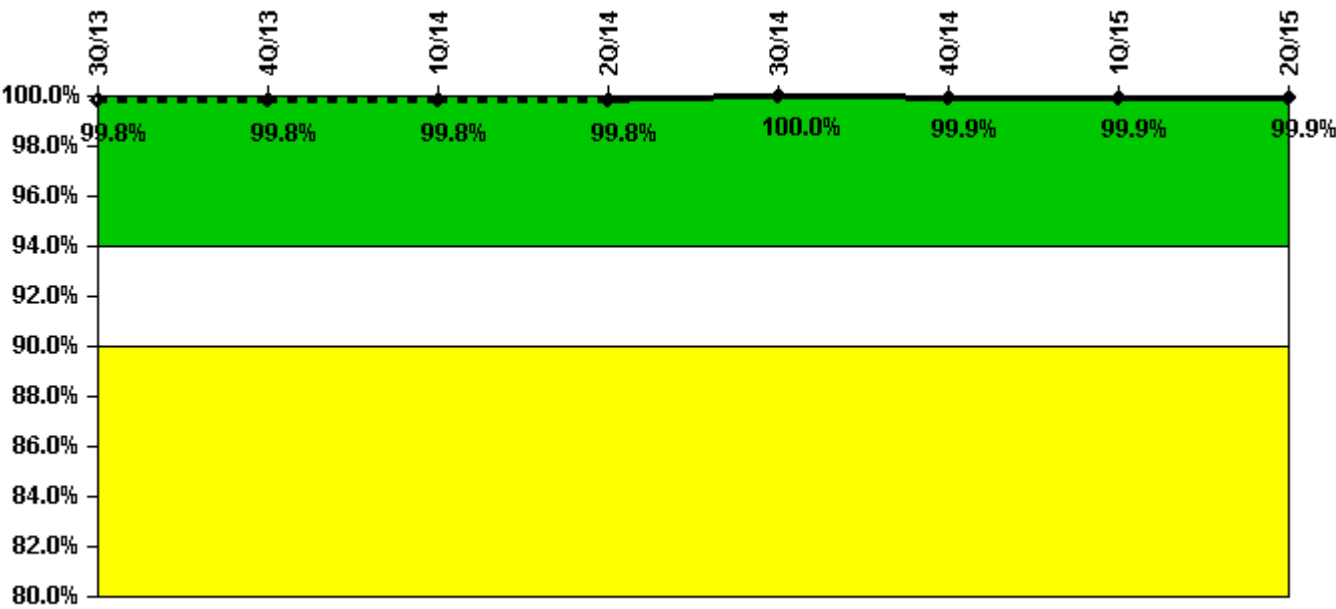
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Participating Key personnel	109.0	113.0	114.0	107.0	111.0	110.0	94.0	79.0
Total Key personnel	109.0	113.0	114.0	107.0	111.0	110.0	94.0	79.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



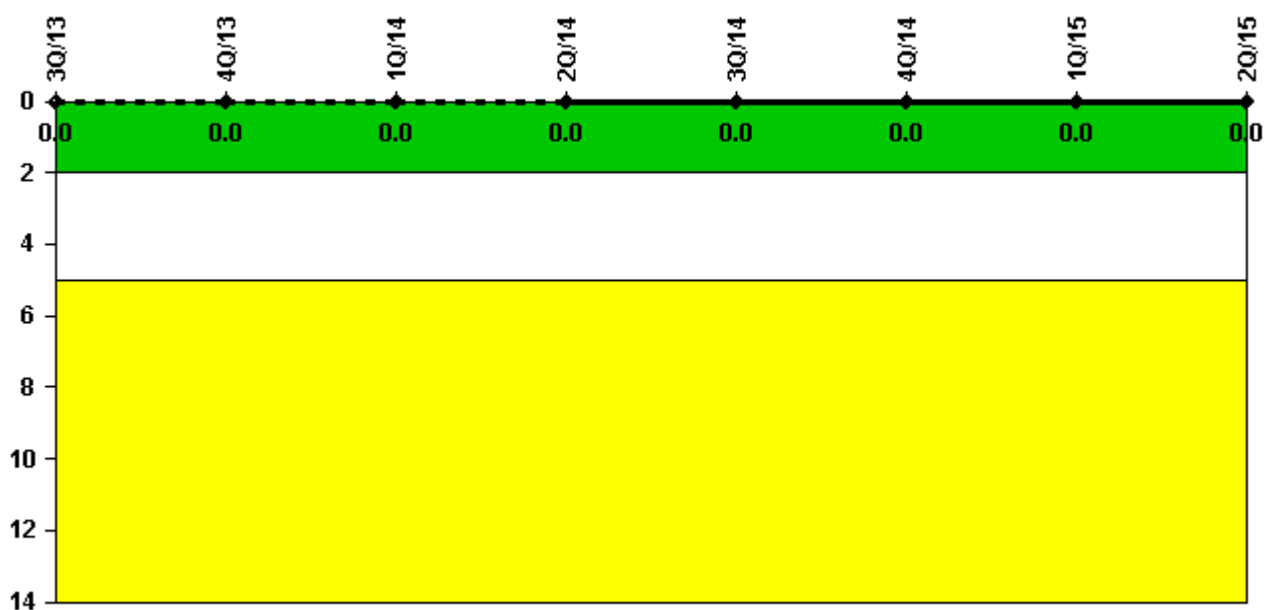
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Successful siren-tests	626	715	719	630	630	718	630	720
Total sirens-tests	630	715	720	630	630	720	630	720
Indicator value	99.8%	99.8%	99.8%	99.8%	100.0%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness

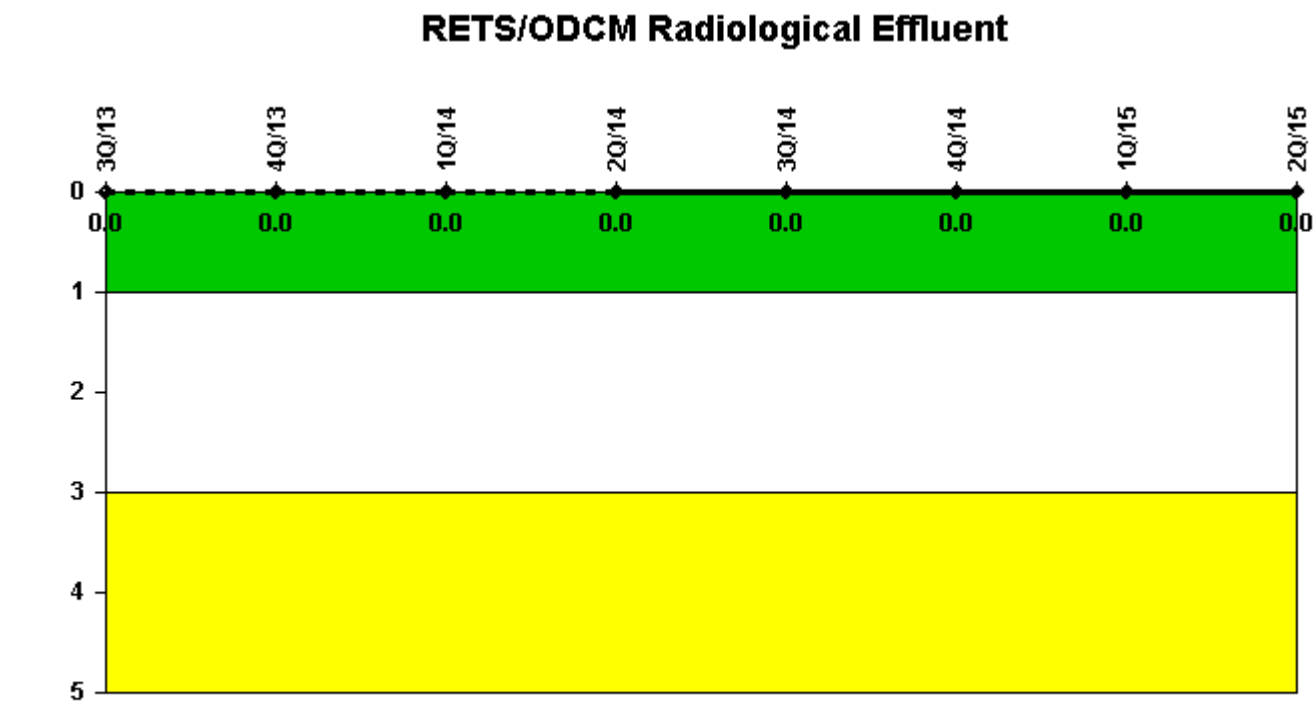


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
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



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
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: July 24, 2015

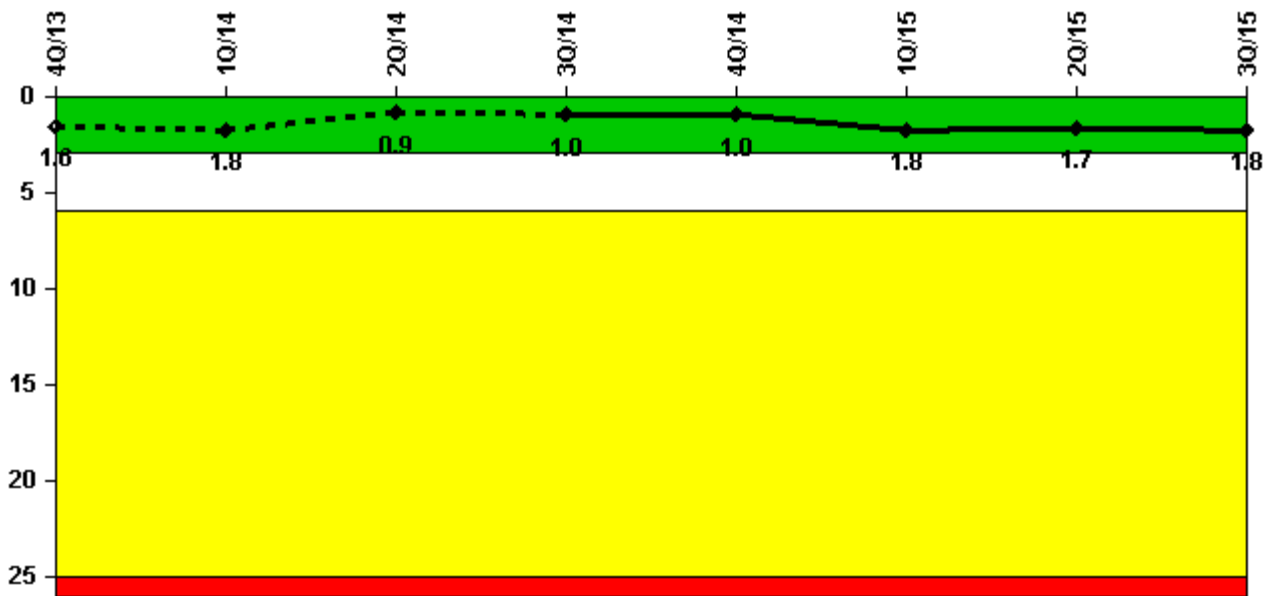
Saint Lucie 2

3Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



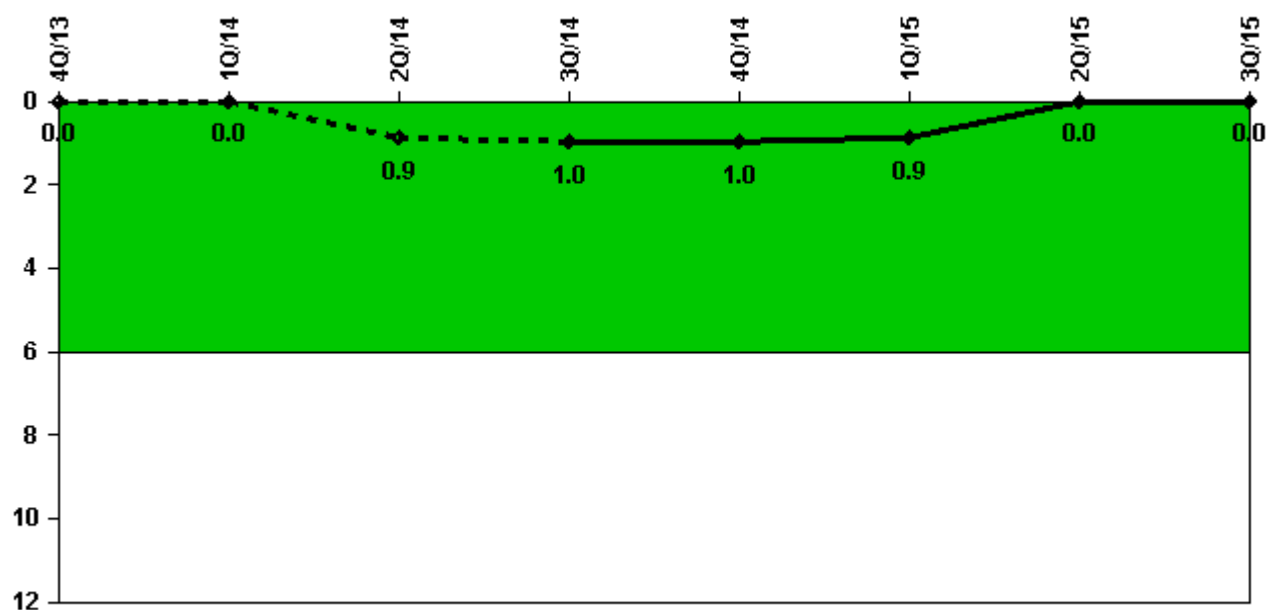
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Unplanned scrams	1.0	0	0	0	1.0	1.0	0	0
Critical hours	2156.9	1464.0	1666.8	1966.2	2077.3	2072.0	1964.4	1657.2
Indicator value	1.6	1.8	0.9	1.0	1.0	1.8	1.7	1.8

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



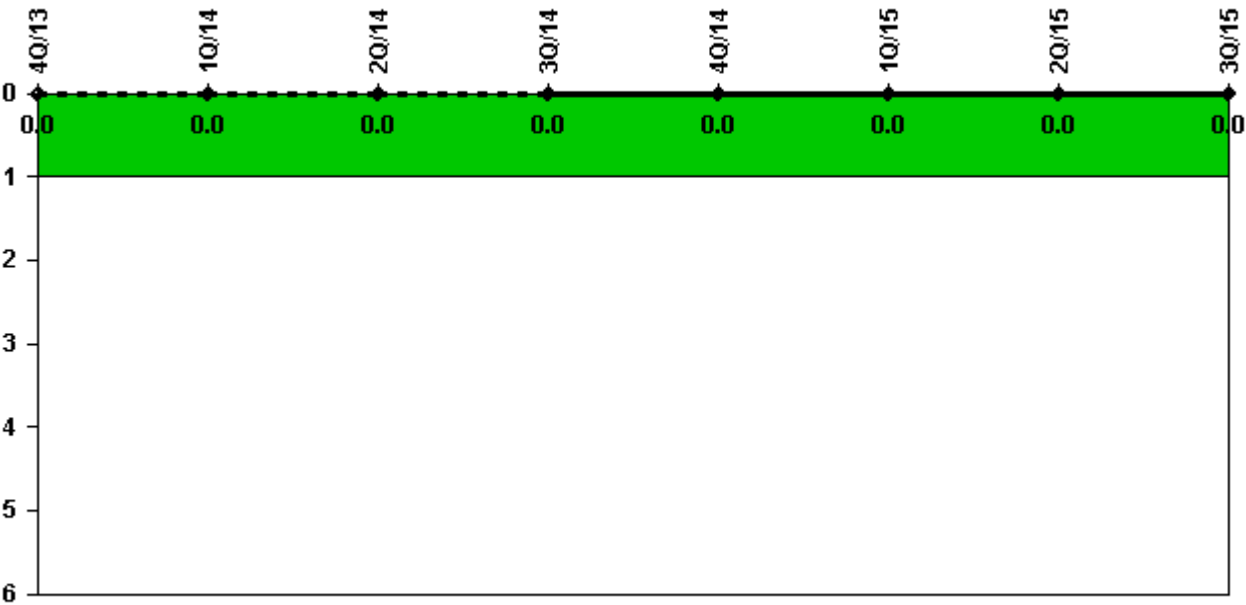
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Unplanned power changes	0	0	1.0	0	0	0	0	0
Critical hours	2156.9	1464.0	1666.8	1966.2	2077.3	2072.0	1964.4	1657.2
Indicator value	0	0	0.9	1.0	1.0	0.9	0	0

Licensee Comments: none

Unplanned Scrams with Complications



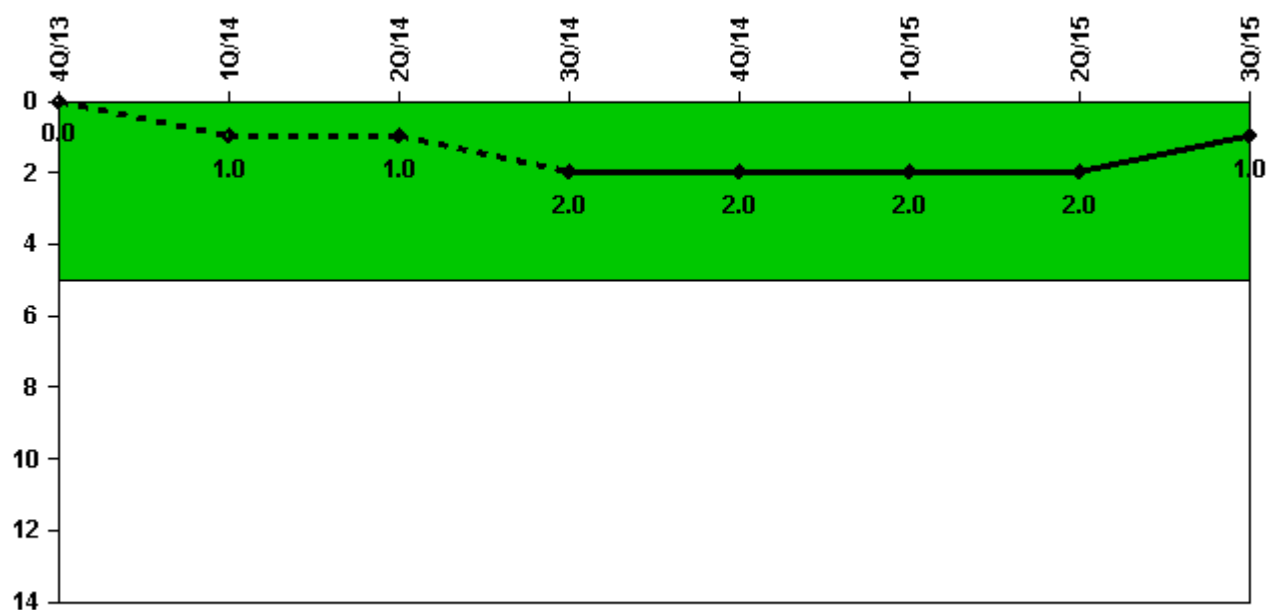
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
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 (PWR)



Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Safety System Functional Failures	0	1	0	1	0	1	0	0
Indicator value	0	1	1	2	2	2	2	1

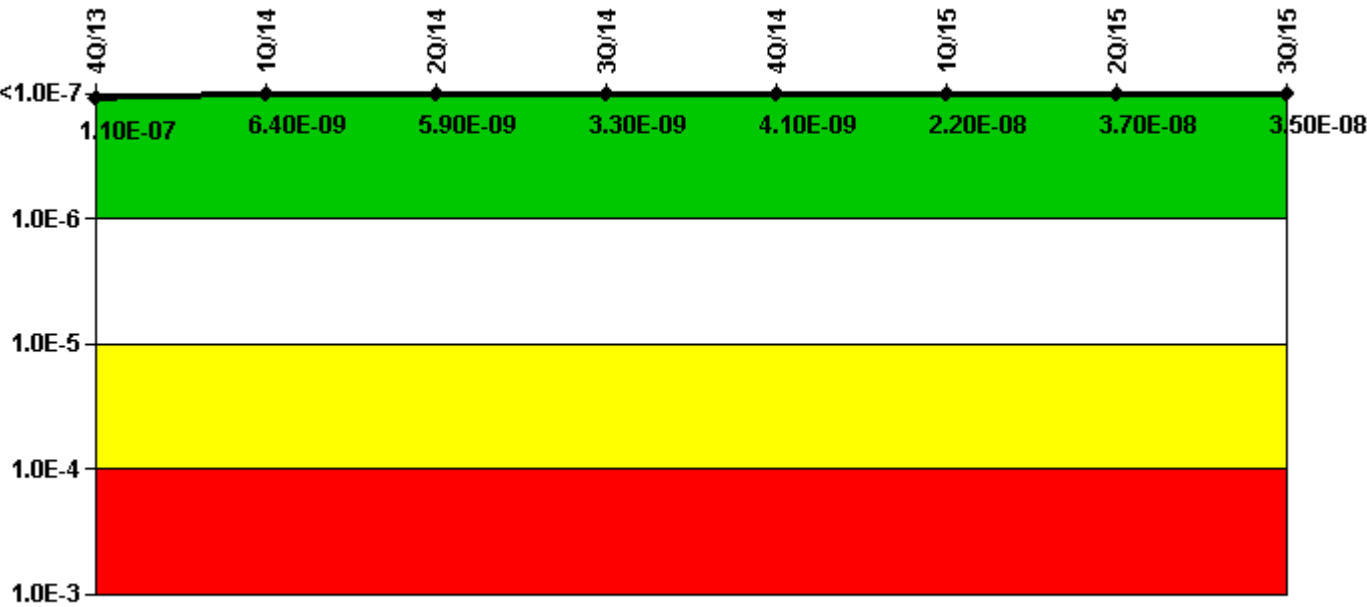
Licensee Comments:

1Q/15: SSFF reported in LER 50-389/2014-001-01 dated 1/30/215

3Q/14: Uni1 1 and 2 LER 50-335, 389/2012-010-02

1Q/14: Change Report for late identification that LER 2015-005-00 dated 2/18/2014 was an SSFF

Mitigating Systems Performance Index, Emergency AC Power System



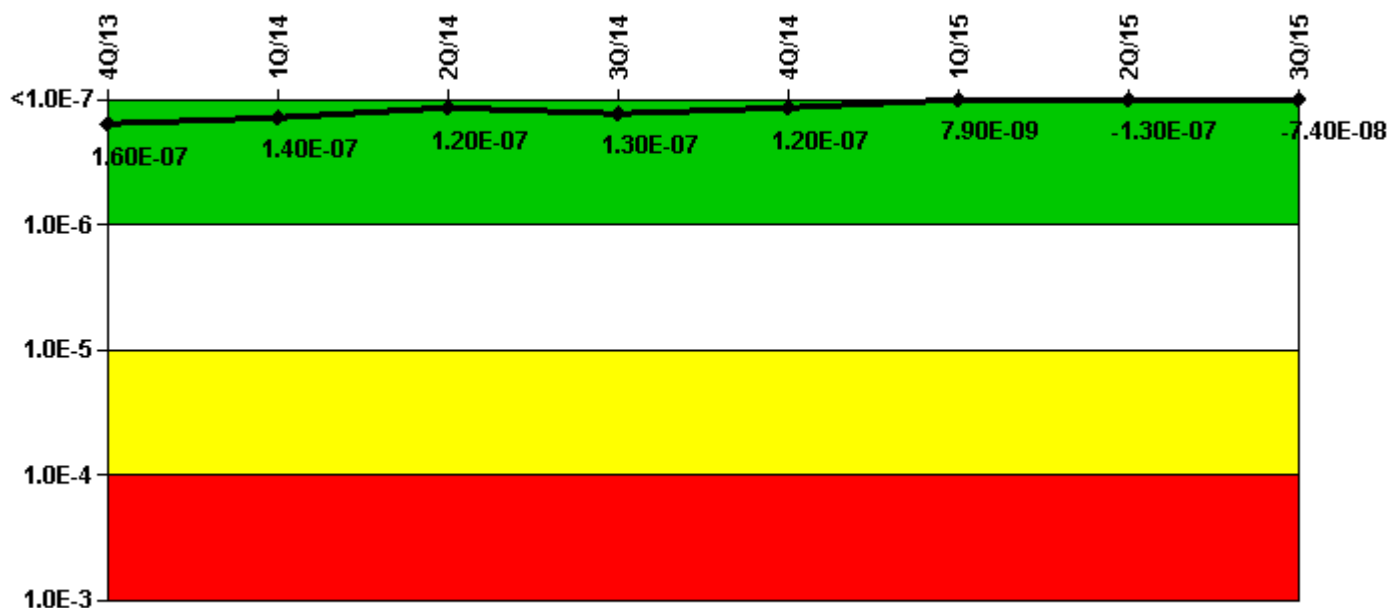
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
UAI (ΔCDF)	2.03E-09	6.22E-09	5.25E-09	2.22E-09	2.51E-09	2.09E-08	3.54E-08	3.35E-08
URI (ΔCDF)	1.11E-07	1.32E-10	5.99E-10	1.07E-09	1.56E-09	1.56E-09	1.56E-09	1.56E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.10E-07	6.40E-09	5.90E-09	3.30E-09	4.10E-09	2.20E-08	3.70E-08	3.50E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



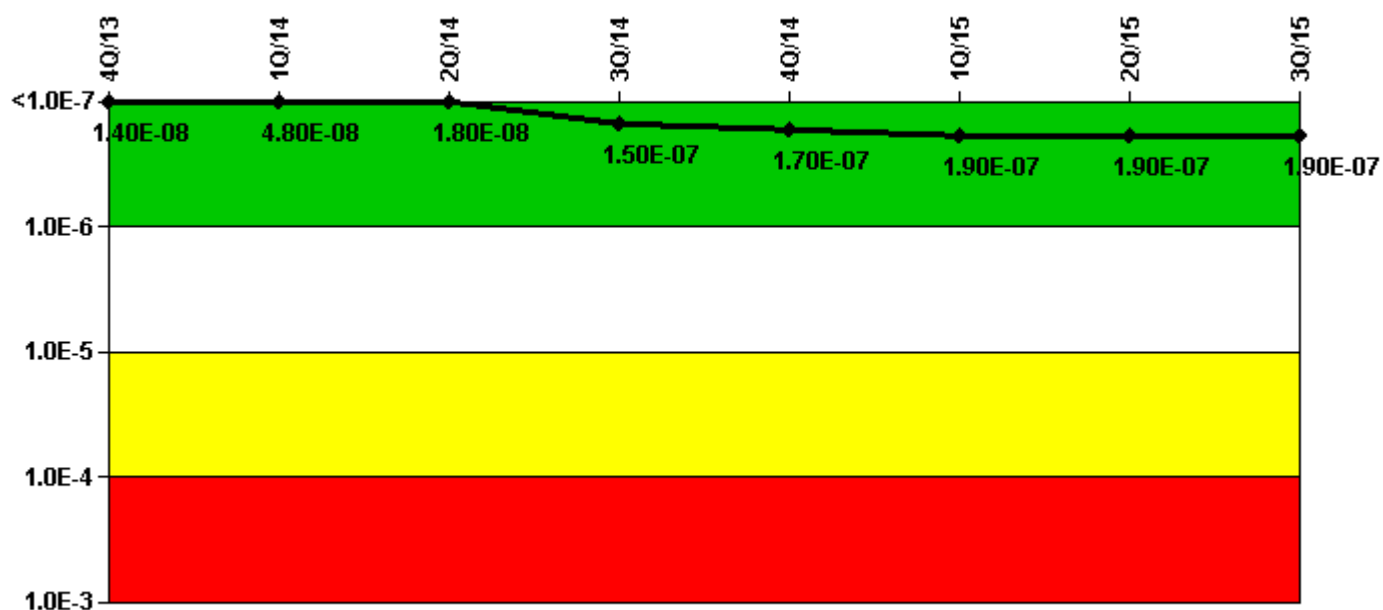
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
UAI (Δ CDF)	4.48E-07	4.22E-07	4.02E-07	4.14E-07	4.02E-07	2.91E-07	1.53E-07	2.09E-07
URI (Δ CDF)	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.60E-07	1.40E-07	1.20E-07	1.30E-07	1.20E-07	7.90E-09	-1.30E-07	-7.40E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



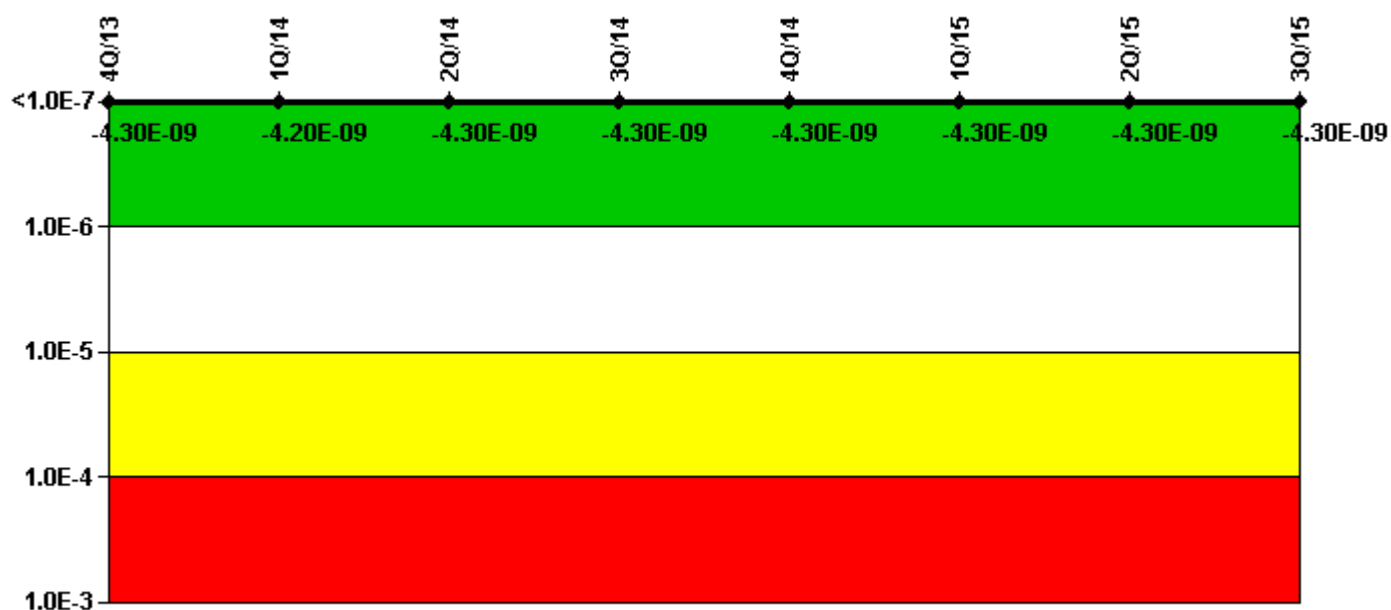
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
UAI (Δ CDF)	2.19E-08	2.01E-08	4.32E-09	8.63E-09	4.97E-09	5.03E-09	5.12E-09	5.50E-09
URI (Δ CDF)	-7.44E-09	2.77E-08	1.37E-08	1.45E-07	1.65E-07	1.86E-07	1.88E-07	1.88E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.40E-08	4.80E-08	1.80E-08	1.50E-07	1.70E-07	1.90E-07	1.90E-07	1.90E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



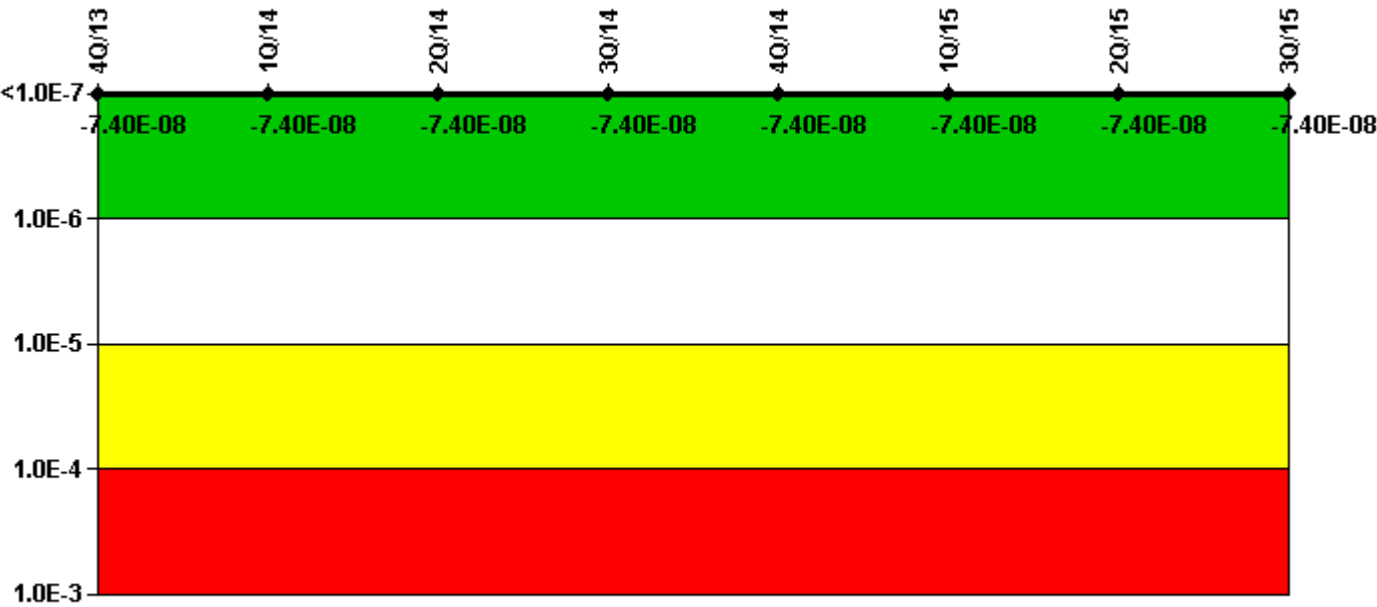
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
UAI (Δ CDF)	-1.00E-09	-9.67E-10	-1.03E-09	-1.03E-09	-1.03E-09	-1.03E-09	-1.03E-09	-1.03E-09
URI (Δ CDF)	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.30E-09	-4.20E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



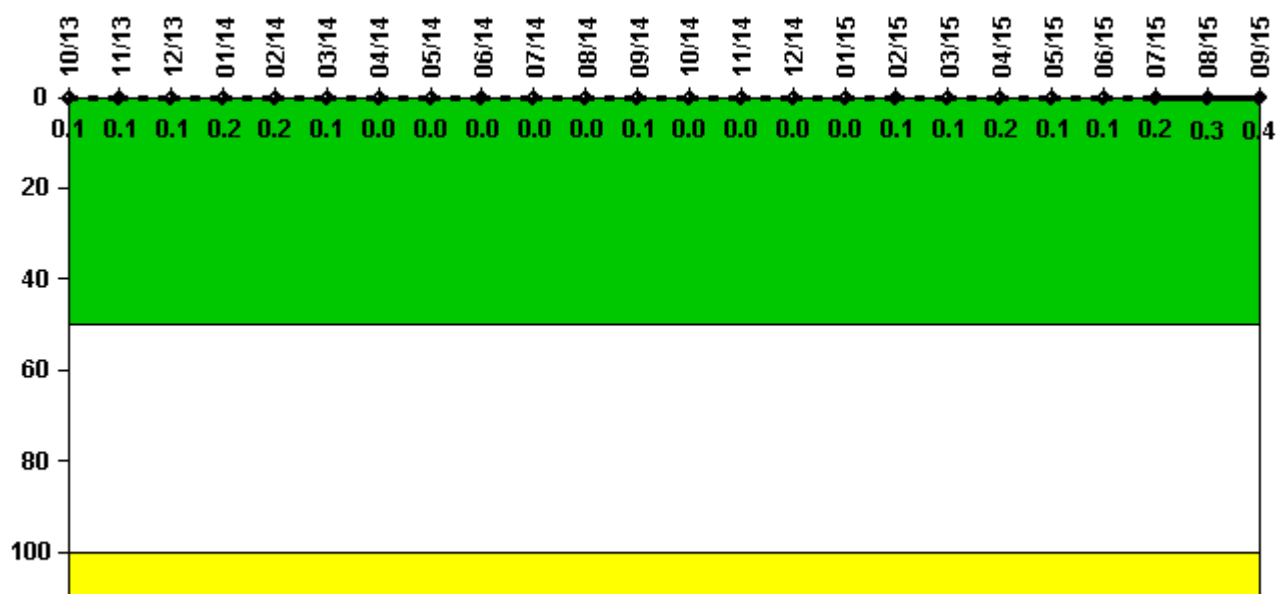
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
UAI (ΔCDF)	-6.51E-08	-6.51E-08	-6.51E-08	-6.51E-08	-6.51E-08	-6.51E-08	-6.51E-08	-6.51E-08
URI (ΔCDF)	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-7.40E-08	-7.40E-08	-7.40E-08	-7.40E-08	-7.40E-08	-7.40E-08	-7.40E-08	-7.40E-08

Licensee Comments: none

Reactor Coolant System Activity



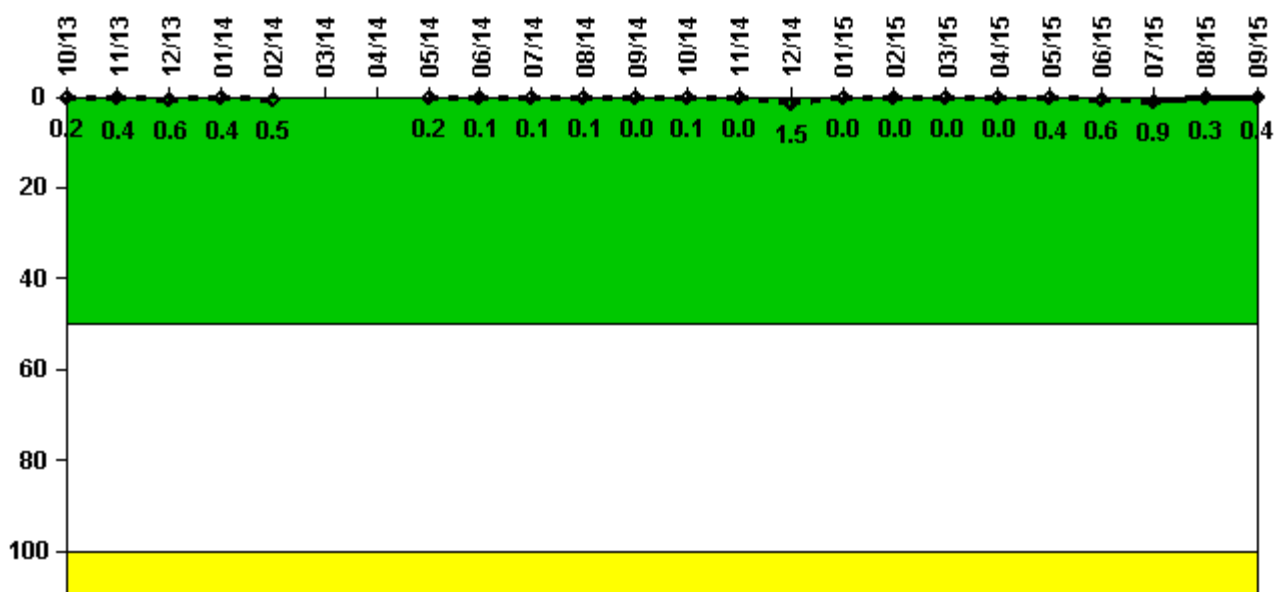
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/13	11/13	12/13	1/14	2/14	3/14	4/14	5/14	6/14	7/14	8/14	9/14
Maximum activity	0.001050	0.001220	0.001400	0.002040	0.001890	0.001210	0.000113	0.000224	0.000207	0.000269	0.000311	0.000511
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.2	0.2	0.1	0	0	0	0	0	0.1
Reactor Coolant System Activity	10/14	11/14	12/14	1/15	2/15	3/15	4/15	5/15	6/15	7/15	8/15	9/15
Maximum activity	0.000323	0.000382	0.000433	0.000388	0.000669	0.000900	0.001600	0.001090	0.001480	0.002130	0.002520	0.003770
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0.1	0.1	0.2	0.1	0.1	0.2	0.3	0.4

Licensee Comments: none

Reactor Coolant System Leakage



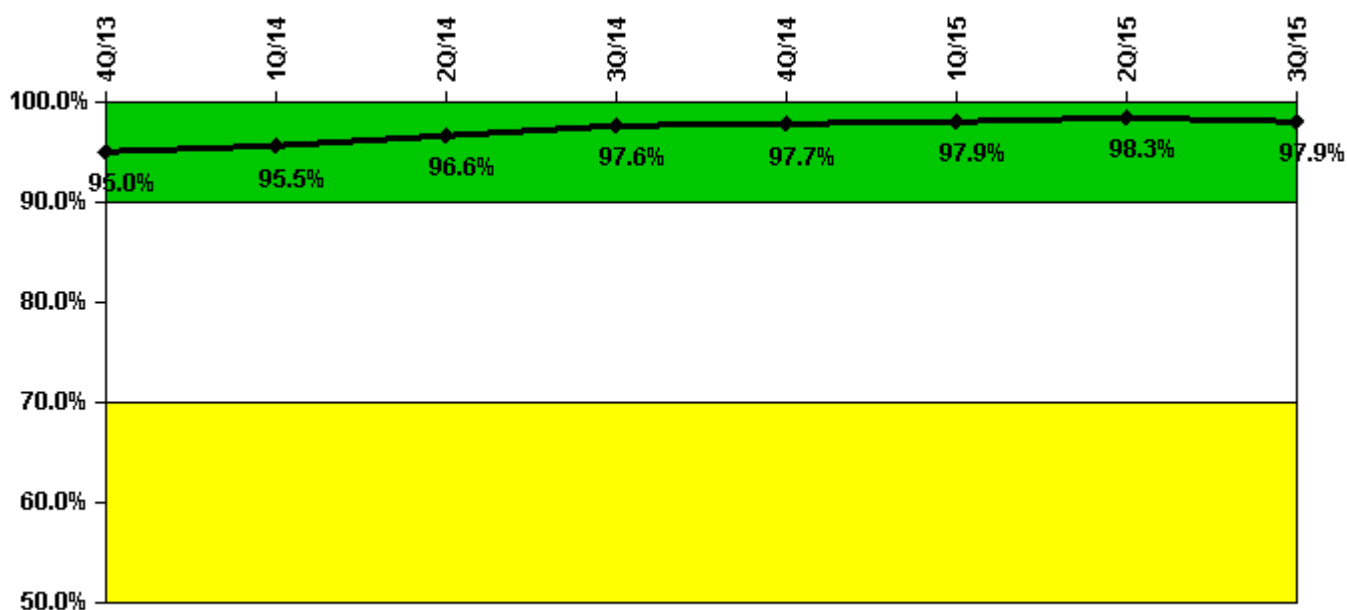
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/13	11/13	12/13	1/14	2/14	3/14	4/14	5/14	6/14	7/14	8/14	9/14
Maximum leakage	0.015	0.038	0.057	0.040	0.050	N/A	N/A	0.017	0.006	0.007	0.012	0.001
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.4	0.6	0.4	0.5	N/A	N/A	0.2	0.1	0.1	0.1	0
Reactor Coolant System Leakage	10/14	11/14	12/14	1/15	2/15	3/15	4/15	5/15	6/15	7/15	8/15	9/15
Maximum leakage	0.006	0.003	0.150	0	0	0.002	0	0.040	0.062	0.086	0.030	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0	1.5	0	0	0	0	0.4	0.6	0.9	0.3	0.4

Licensee Comments: none

Drill/Exercise Performance



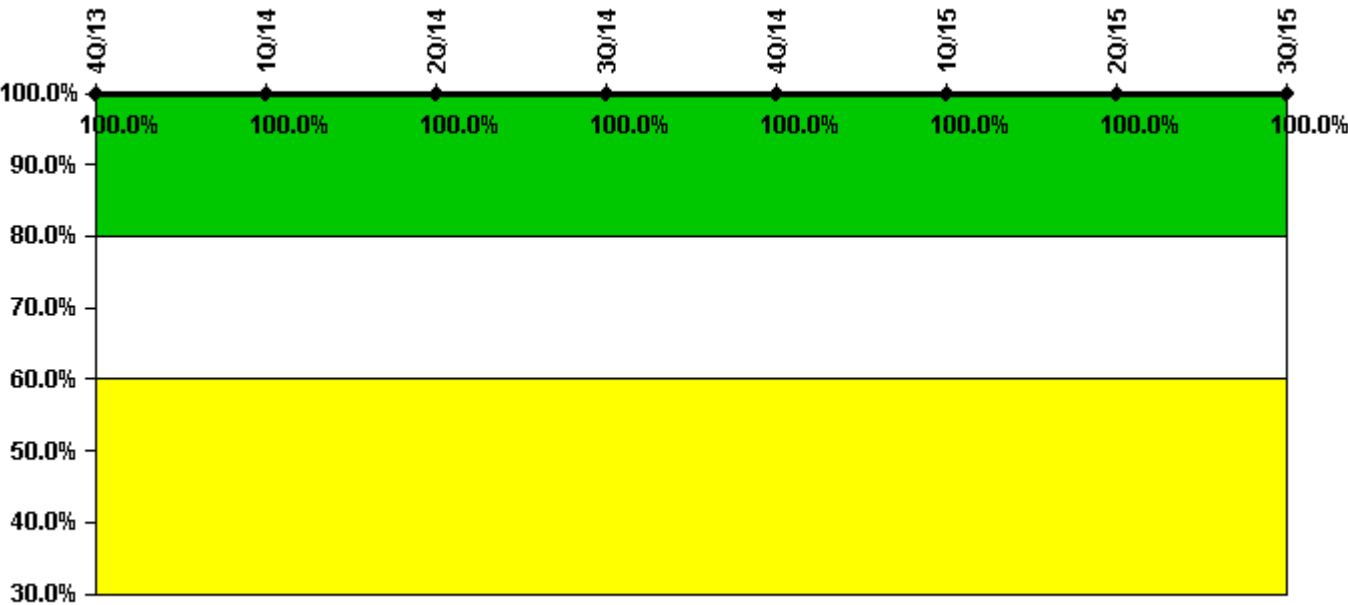
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Successful opportunities	29.0	50.0	43.0	53.0	29.0	31.0	31.0	20.0
Total opportunities	30.0	50.0	43.0	54.0	29.0	33.0	31.0	22.0
Indicator value	95.0%	95.5%	96.6%	97.6%	97.7%	97.9%	98.3%	97.9%

Licensee Comments: none

ERO Drill Participation



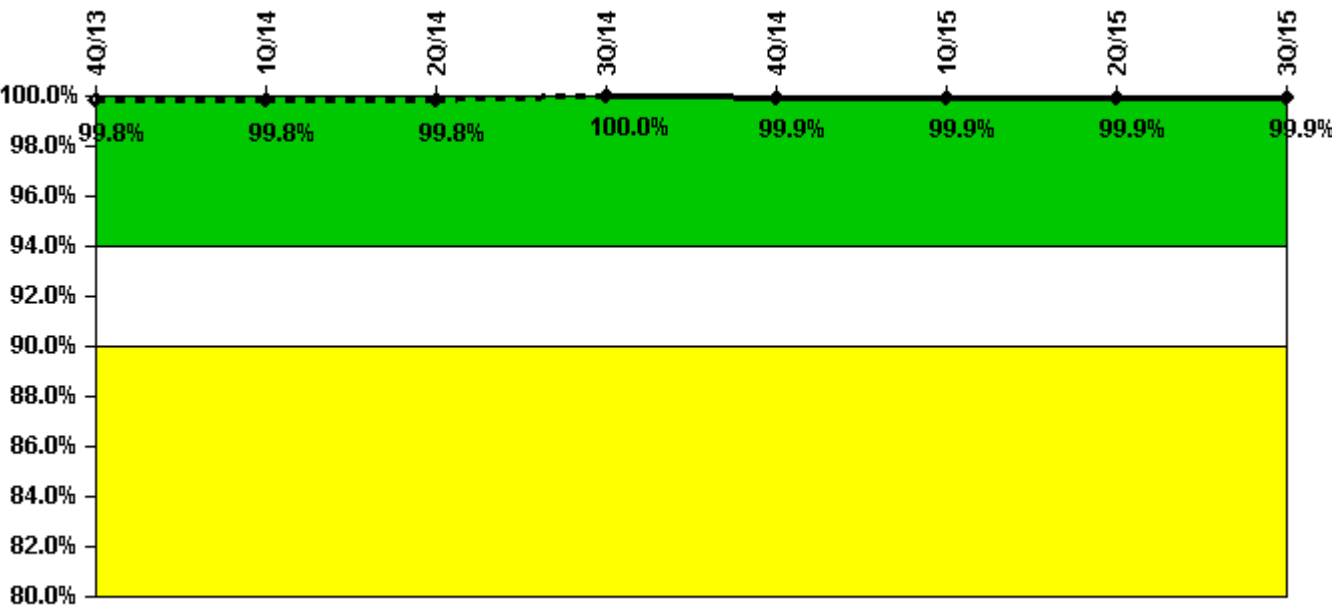
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Participating Key personnel	113.0	114.0	107.0	111.0	110.0	94.0	79.0	76.0
Total Key personnel	113.0	114.0	107.0	111.0	110.0	94.0	79.0	76.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



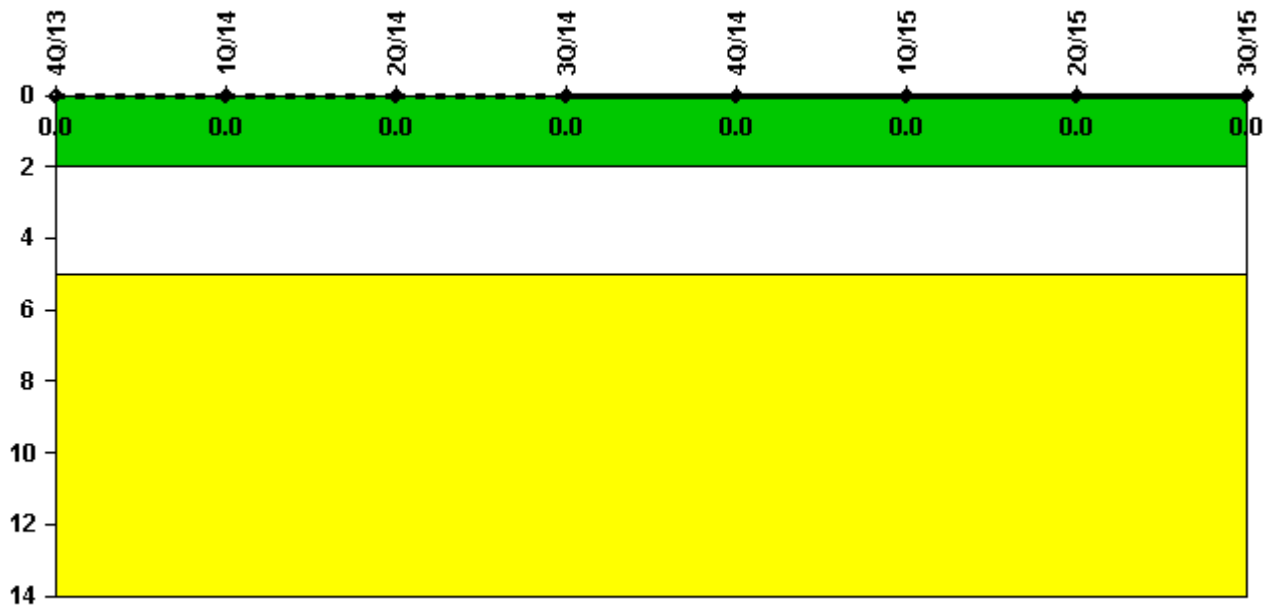
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Successful siren-tests	715	719	630	630	718	630	720	719
Total sirens-tests	715	720	630	630	720	630	720	720
Indicator value	99.8%	99.8%	99.8%	100.0%	99.9%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness

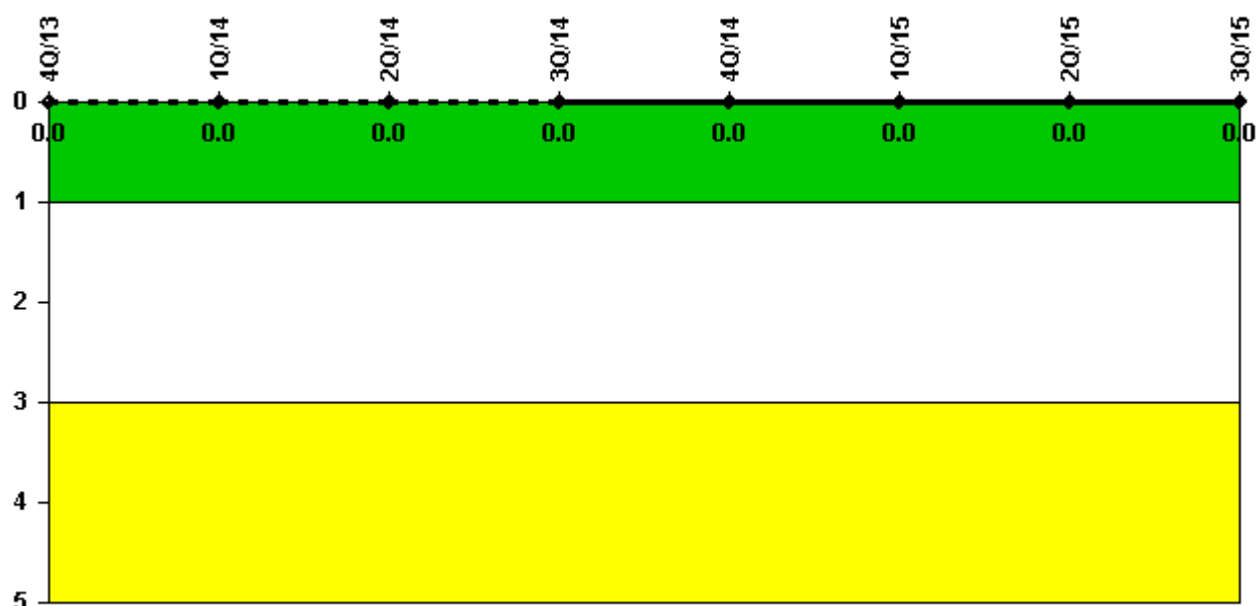


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
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/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
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: December 15, 2015

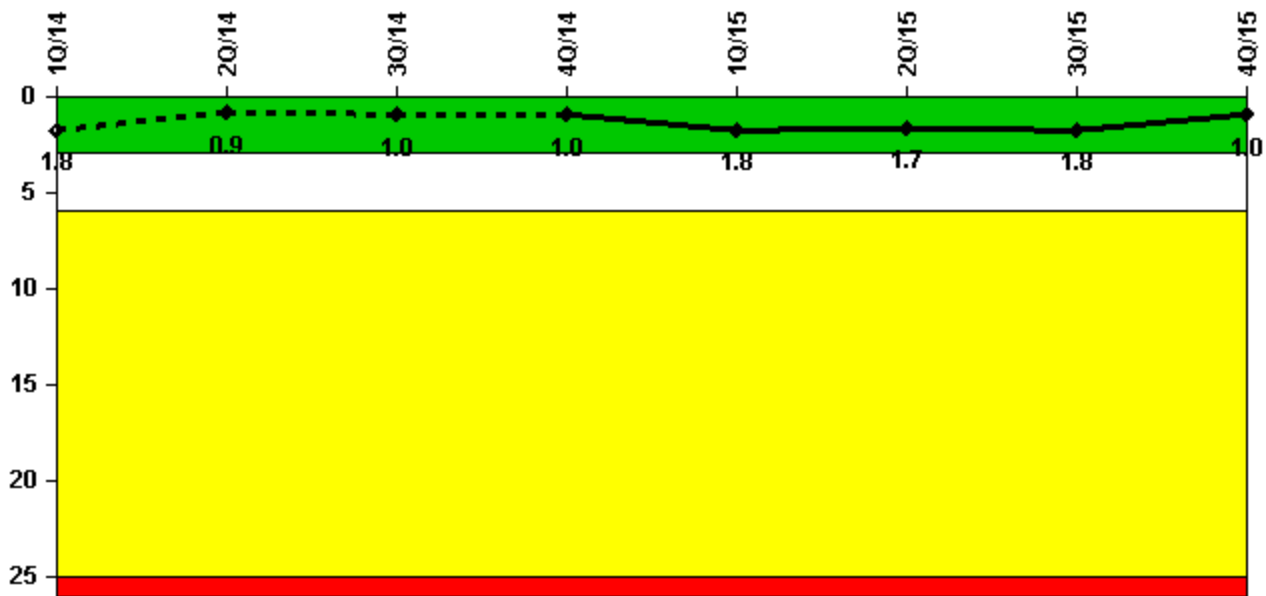
Saint Lucie 2

4Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



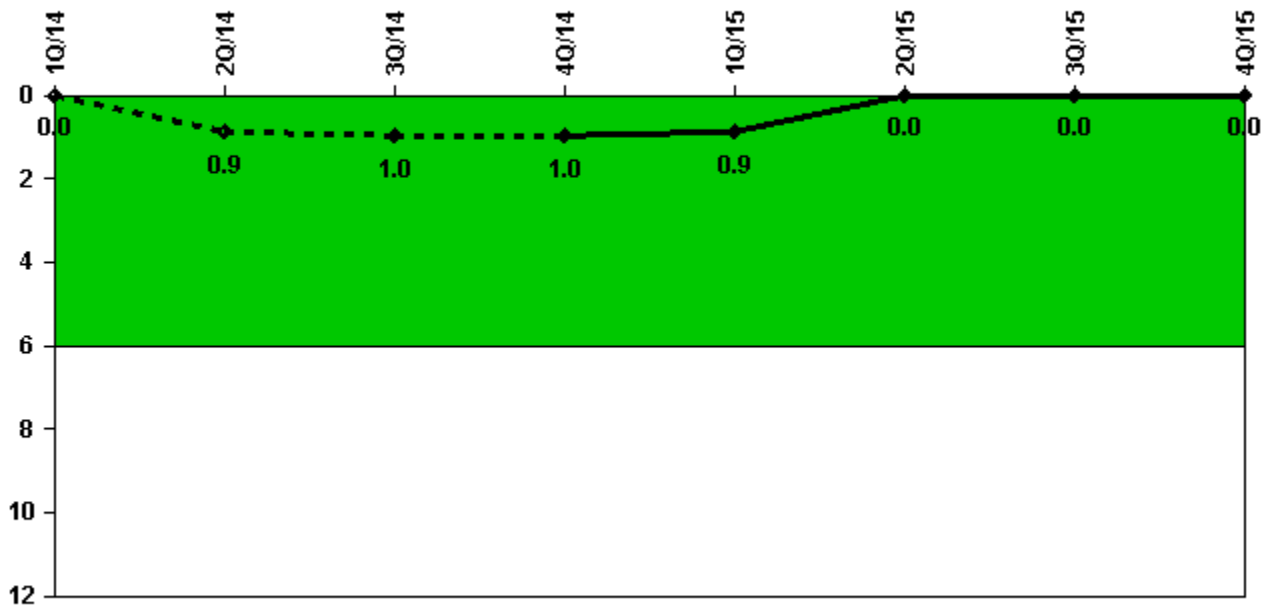
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Unplanned scrams	0	0	0	1.0	1.0	0	0	0
Critical hours	1464.0	1666.8	1966.2	2077.3	2072.0	1964.4	1657.2	1626.2
Indicator value	1.8	0.9	1.0	1.0	1.8	1.7	1.8	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



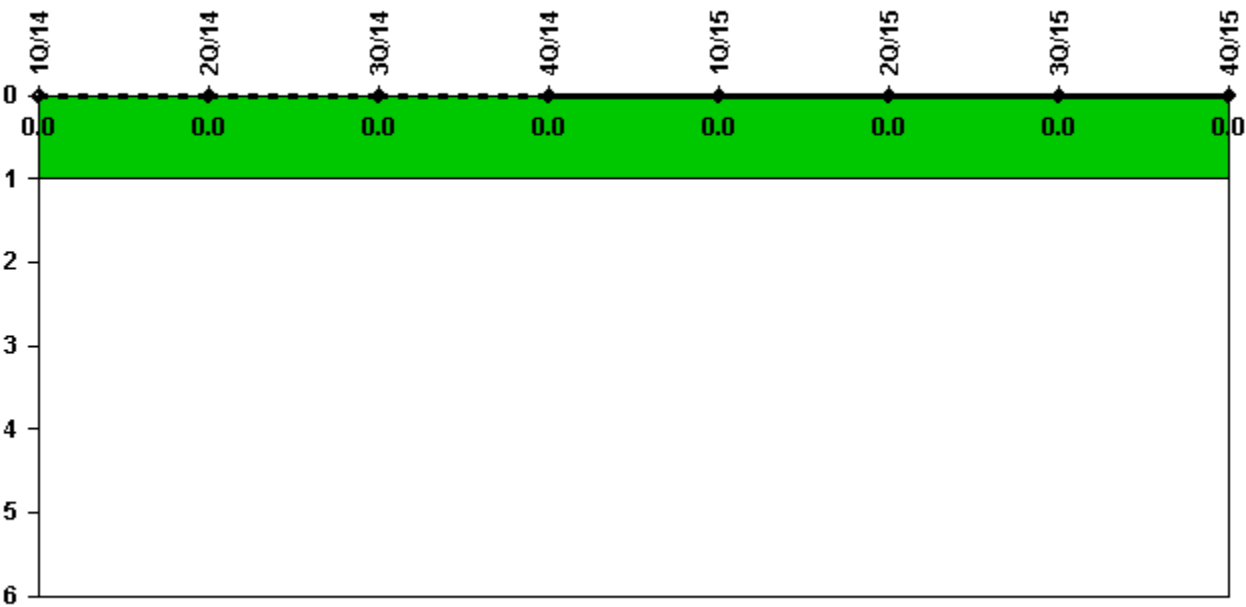
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Unplanned power changes	0	1.0	0	0	0	0	0	0
Critical hours	1464.0	1666.8	1966.2	2077.3	2072.0	1964.4	1657.2	1626.2
Indicator value	0	0.9	1.0	1.0	0.9	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



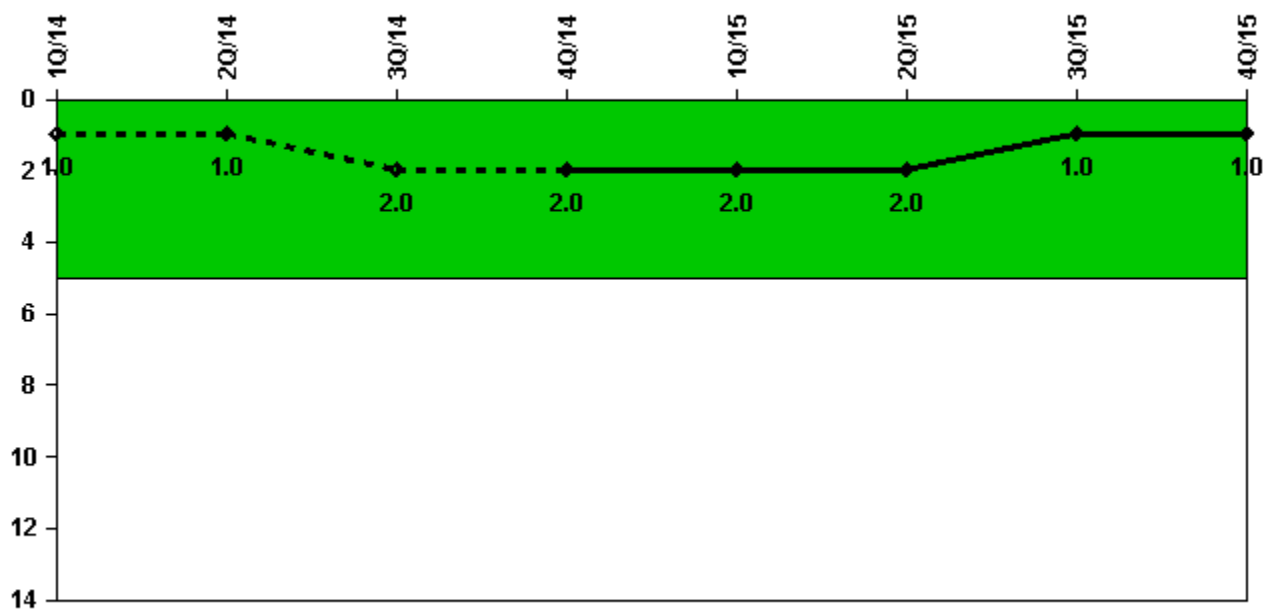
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
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 (PWR)



Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Safety System Functional Failures	1	0	1	0	1	0	0	0
Indicator value	1	1	2	2	2	2	1	1

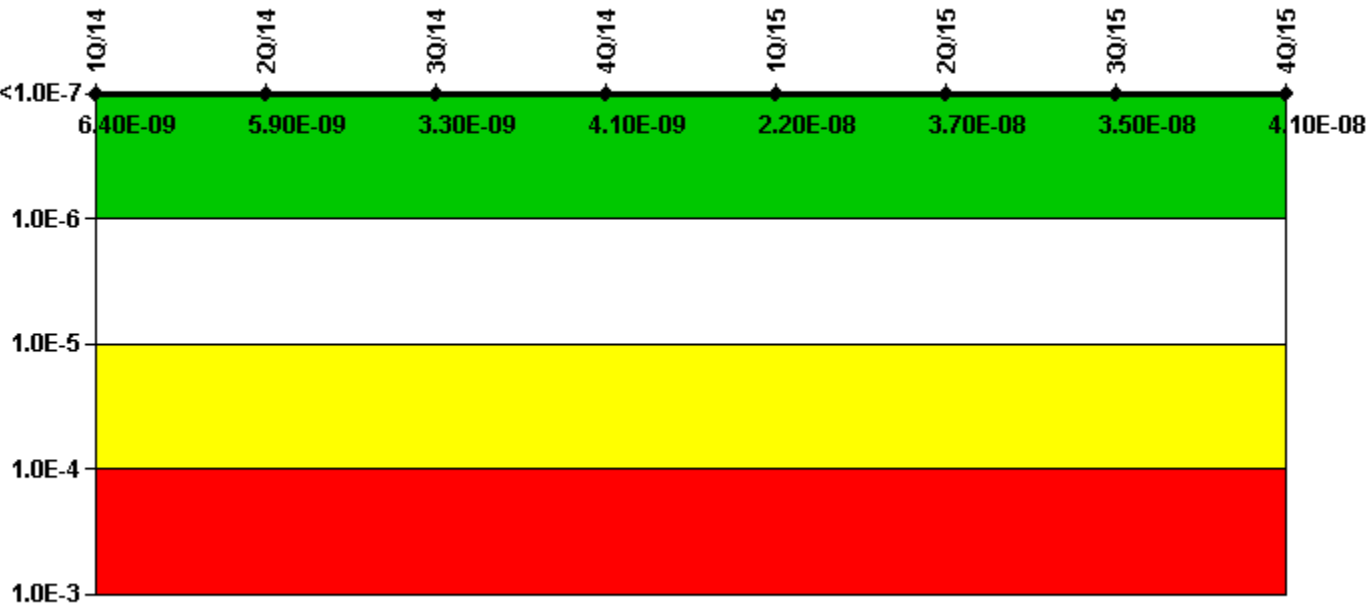
Licensee Comments:

1Q/15: SSFF reported in LER 50-389/2014-001-01 dated 1/30/215

3Q/14: Uni1 1 and 2 LER 50-335, 389/2012-010-02

1Q/14: Change Report for late identification that LER 2015-005-00 dated 2/18/2014 was an SSFF

Mitigating Systems Performance Index, Emergency AC Power System



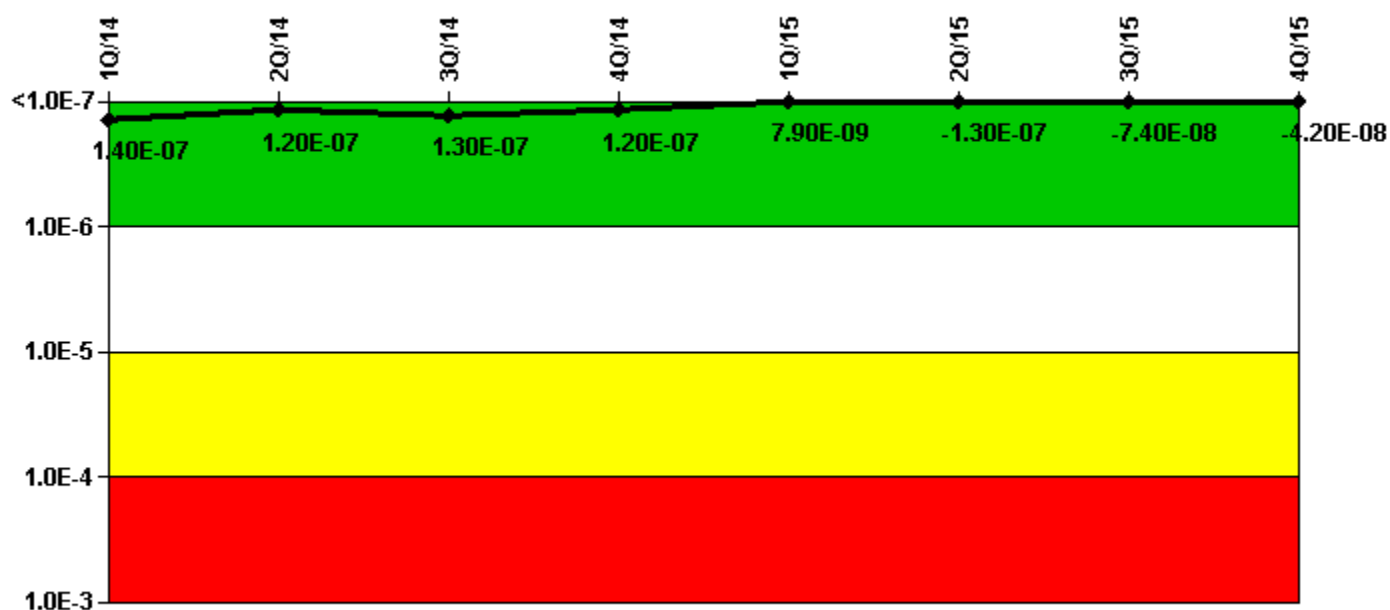
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
UAI (ΔCDF)	6.22E-09	5.25E-09	2.22E-09	2.51E-09	2.09E-08	3.54E-08	3.35E-08	3.11E-08
URI (ΔCDF)	1.32E-10	5.99E-10	1.07E-09	1.56E-09	1.56E-09	1.56E-09	1.56E-09	9.54E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	6.40E-09	5.90E-09	3.30E-09	4.10E-09	2.20E-08	3.70E-08	3.50E-08	4.10E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



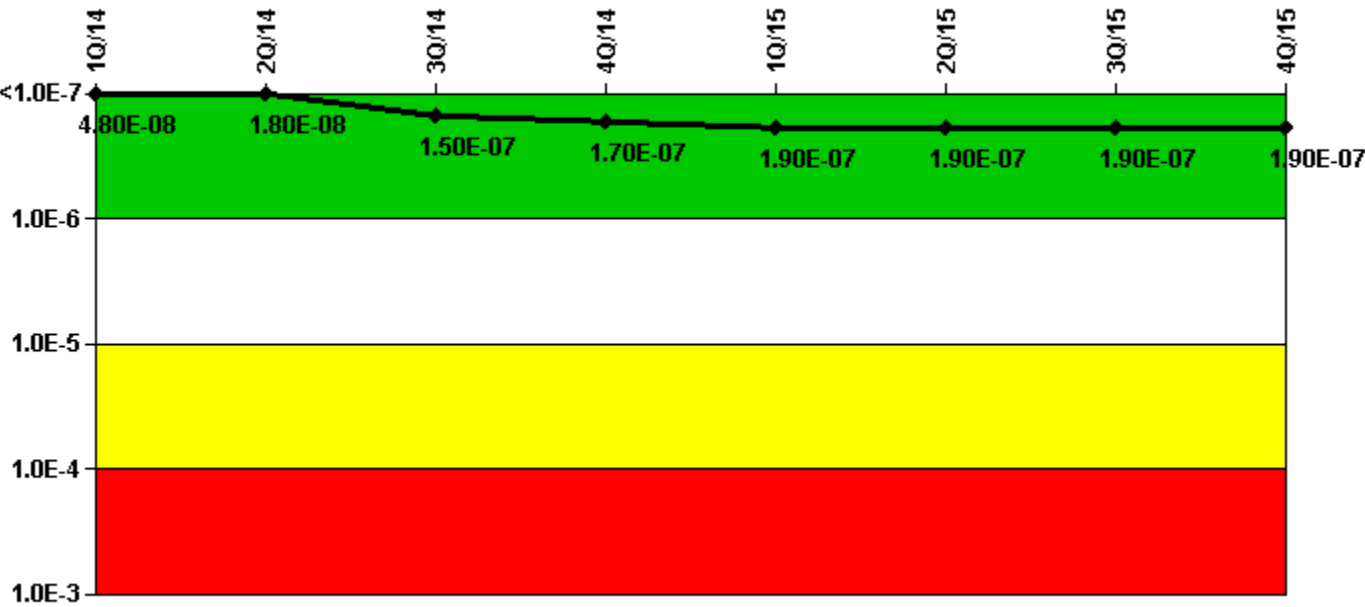
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
UAI (Δ CDF)	4.22E-07	4.02E-07	4.14E-07	4.02E-07	2.91E-07	1.53E-07	2.09E-07	2.41E-07
URI (Δ CDF)	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.40E-07	1.20E-07	1.30E-07	1.20E-07	7.90E-09	-1.30E-07	-7.40E-08	-4.20E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



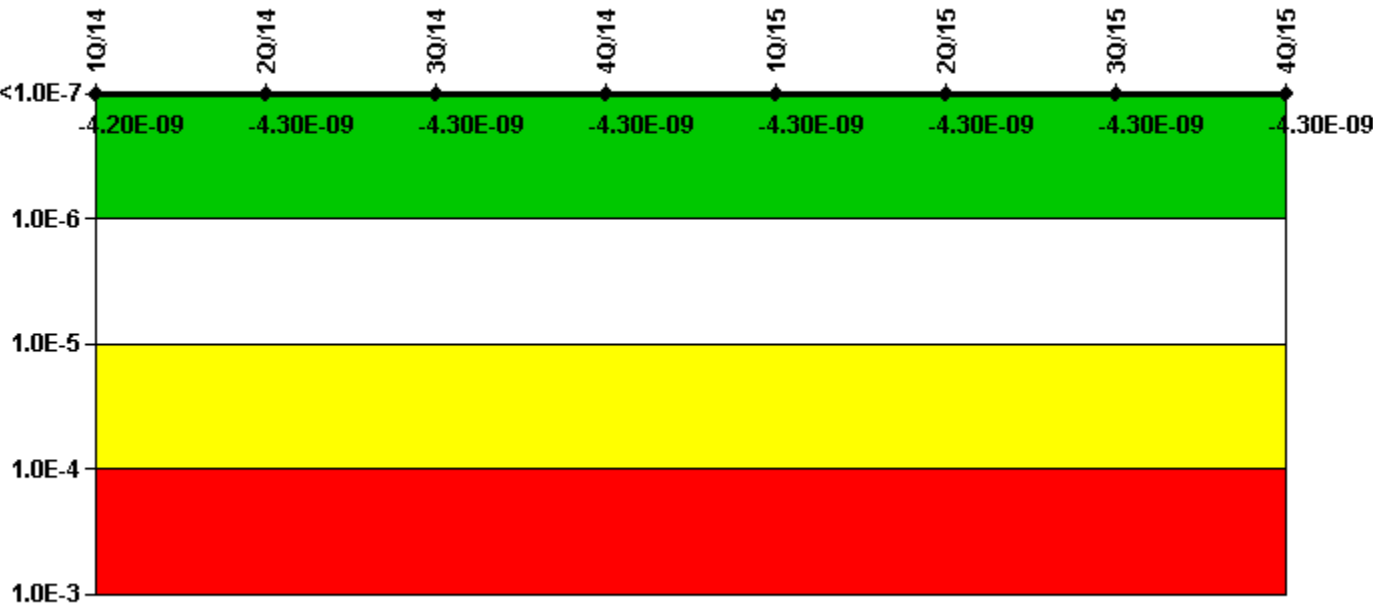
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
UAI (ΔCDF)	2.01E-08	4.32E-09	8.63E-09	4.97E-09	5.03E-09	5.12E-09	5.50E-09	4.64E-09
URI (ΔCDF)	2.77E-08	1.37E-08	1.45E-07	1.65E-07	1.86E-07	1.88E-07	1.88E-07	1.88E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.80E-08	1.80E-08	1.50E-07	1.70E-07	1.90E-07	1.90E-07	1.90E-07	1.90E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



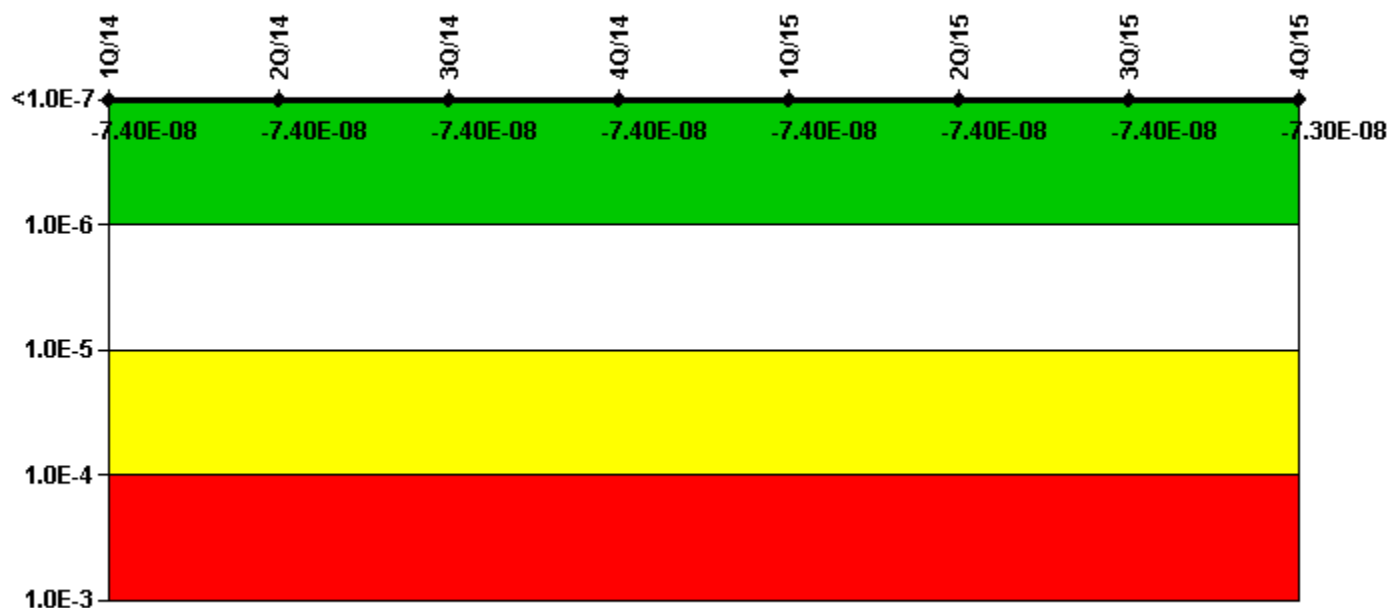
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
UAI (ΔCDF)	-9.67E-10	-1.03E-09	-1.03E-09	-1.03E-09	-1.03E-09	-1.03E-09	-1.03E-09	-1.03E-09
URI (ΔCDF)	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.20E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



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

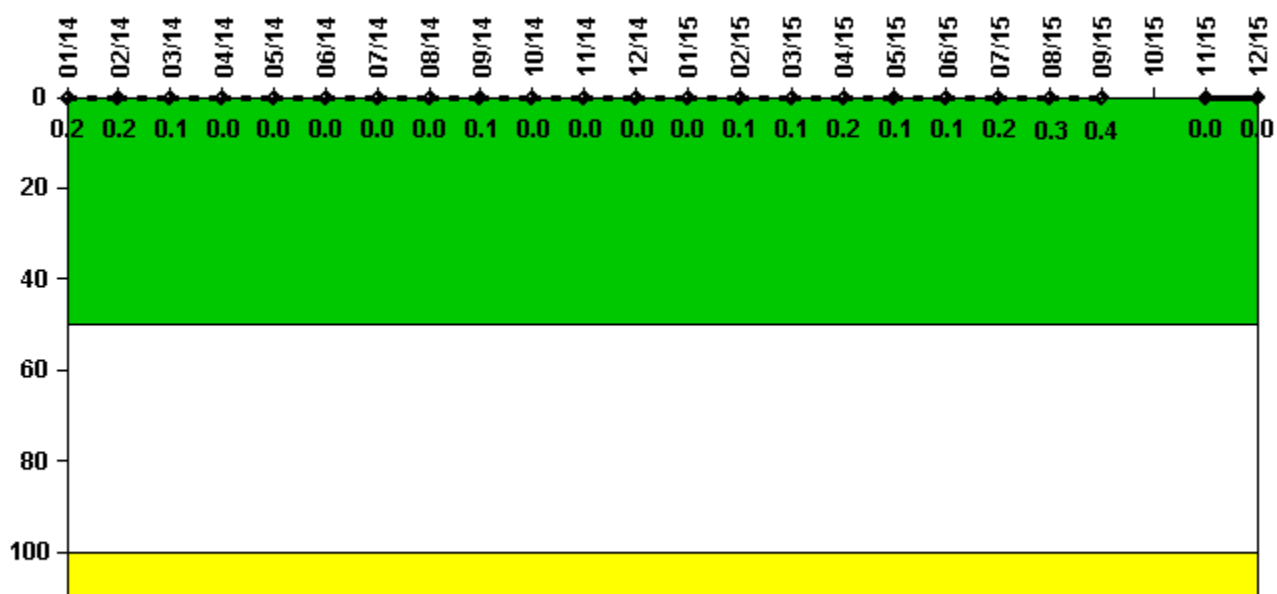
Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
UAI (Δ CDF)	-6.51E-08	-6.51E-08	-6.51E-08	-6.51E-08	-6.51E-08	-6.51E-08	-6.51E-08	-6.45E-08
URI (Δ CDF)	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-7.40E-08	-7.40E-08	-7.40E-08	-7.40E-08	-7.40E-08	-7.40E-08	-7.40E-08	-7.30E-08

Licensee Comments:

3Q/15: ICES OE record #319756 revised to upgrade the 2C ICW pump failure to a MSPI demand failure - change resulted in no effect on the calculated 3Q PI value.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

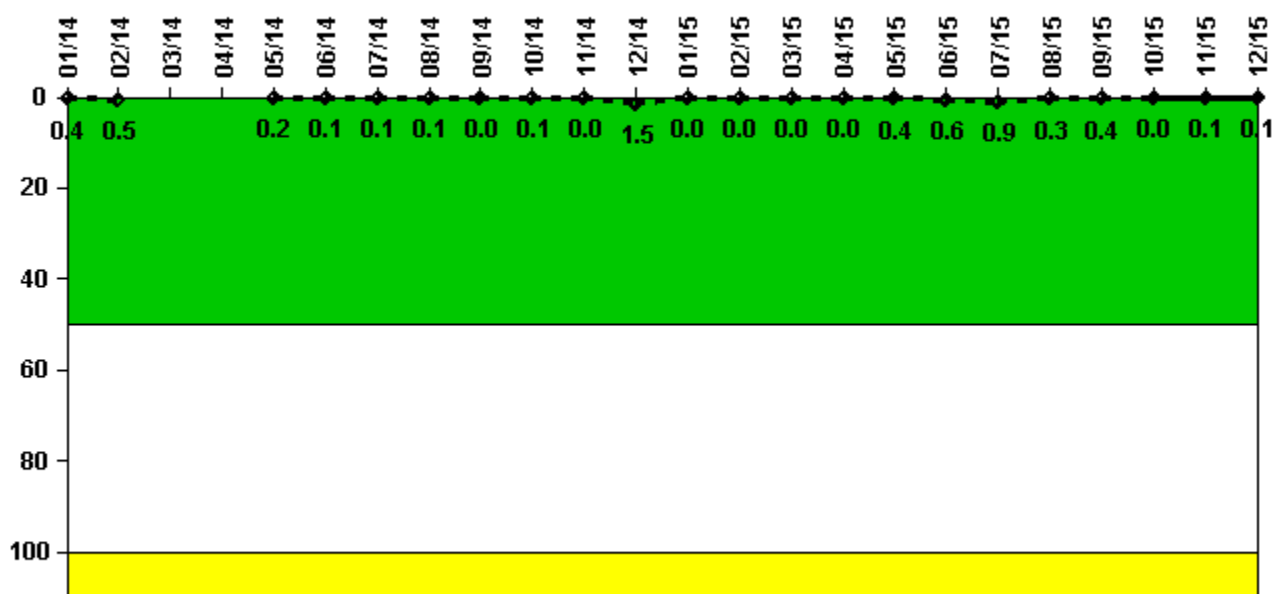
Notes

Reactor Coolant System Activity	1/14	2/14	3/14	4/14	5/14	6/14	7/14	8/14	9/14	10/14	11/14	12/14
Maximum activity	0.002040	0.001890	0.001210	0.000113	0.000224	0.000207	0.000269	0.000311	0.000511	0.000323	0.000382	0.000433
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.2	0.2	0.1	0	0	0	0	0	0.1	0	0	0

Reactor Coolant System Activity	1/15	2/15	3/15	4/15	5/15	6/15	7/15	8/15	9/15	10/15	11/15	12/15
Maximum activity	0.000388	0.000669	0.000900	0.001600	0.001090	0.001480	0.002130	0.002520	0.003770	N/A	0.000269	0.000312
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0.1	0.1	0.2	0.1	0.1	0.2	0.3	0.4	N/A	0	0

Licensee Comments: none

Reactor Coolant System Leakage



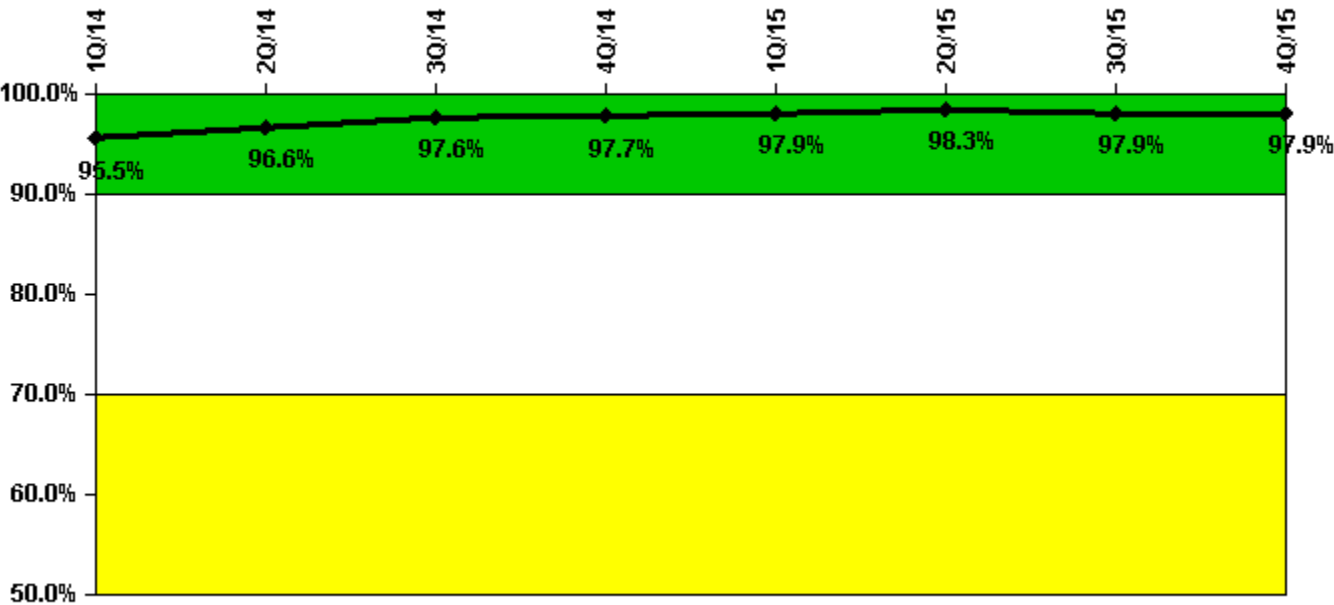
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/14	2/14	3/14	4/14	5/14	6/14	7/14	8/14	9/14	10/14	11/14	12/14
Maximum leakage	0.040	0.050	N/A	N/A	0.017	0.006	0.007	0.012	0.001	0.006	0.003	0.150
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.5	N/A	N/A	0.2	0.1	0.1	0.1	0	0.1	0	1.5
Reactor Coolant System Leakage	1/15	2/15	3/15	4/15	5/15	6/15	7/15	8/15	9/15	10/15	11/15	12/15
Maximum leakage	0	0	0.002	0	0.040	0.062	0.086	0.030	0.040	0	0.005	0.005
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0	0	0	0.4	0.6	0.9	0.3	0.4	0	0.1	0.1

Licensee Comments: none

Drill/Exercise Performance



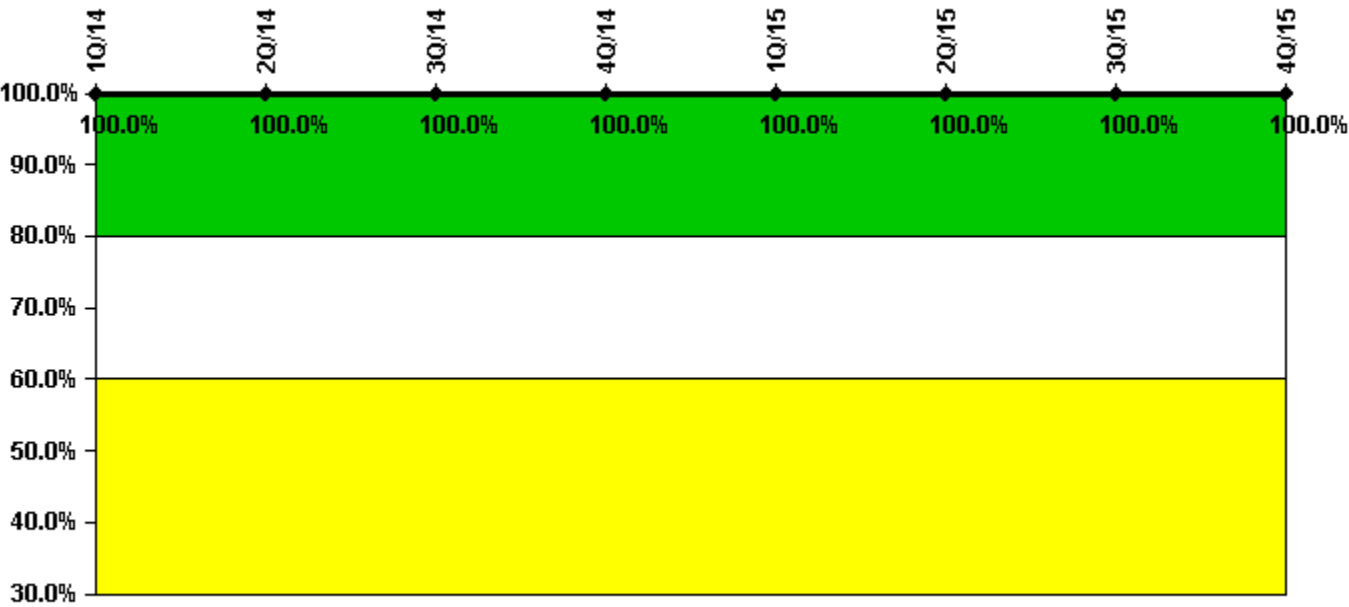
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Successful opportunities	50.0	43.0	53.0	29.0	31.0	31.0	20.0	24.0
Total opportunities	50.0	43.0	54.0	29.0	33.0	31.0	22.0	25.0
Indicator value	95.5%	96.6%	97.6%	97.7%	97.9%	98.3%	97.9%	97.9%

Licensee Comments: none

ERO Drill Participation



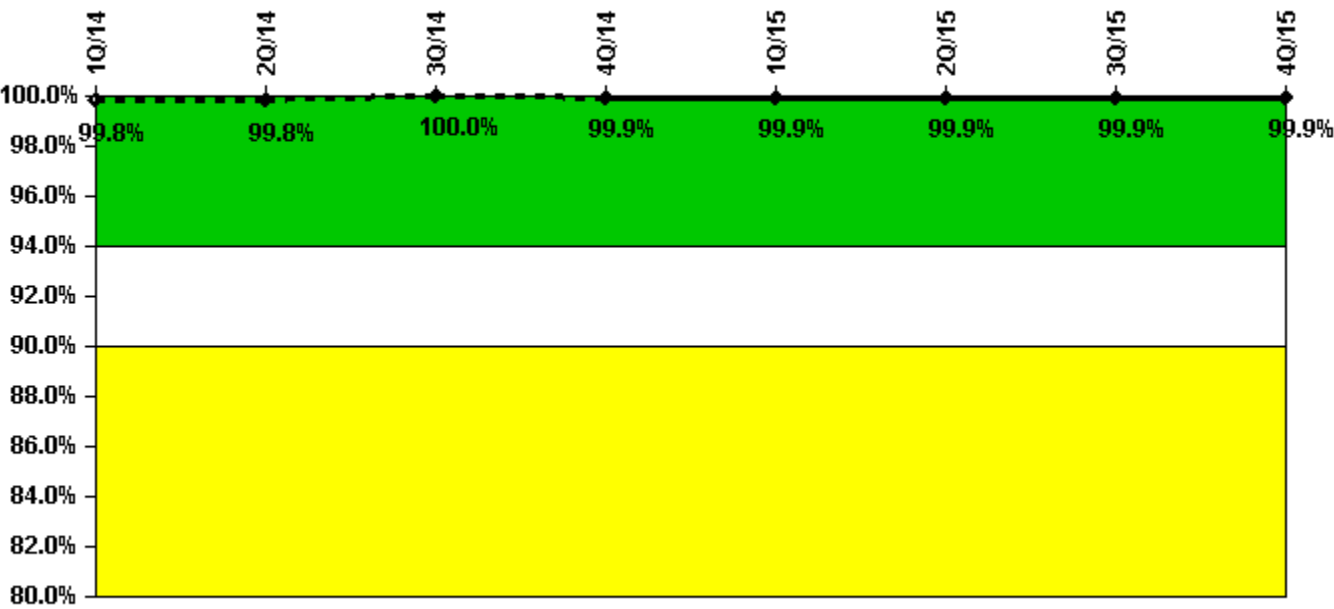
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Participating Key personnel	114.0	107.0	111.0	110.0	94.0	79.0	76.0	76.0
Total Key personnel	114.0	107.0	111.0	110.0	94.0	79.0	76.0	76.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



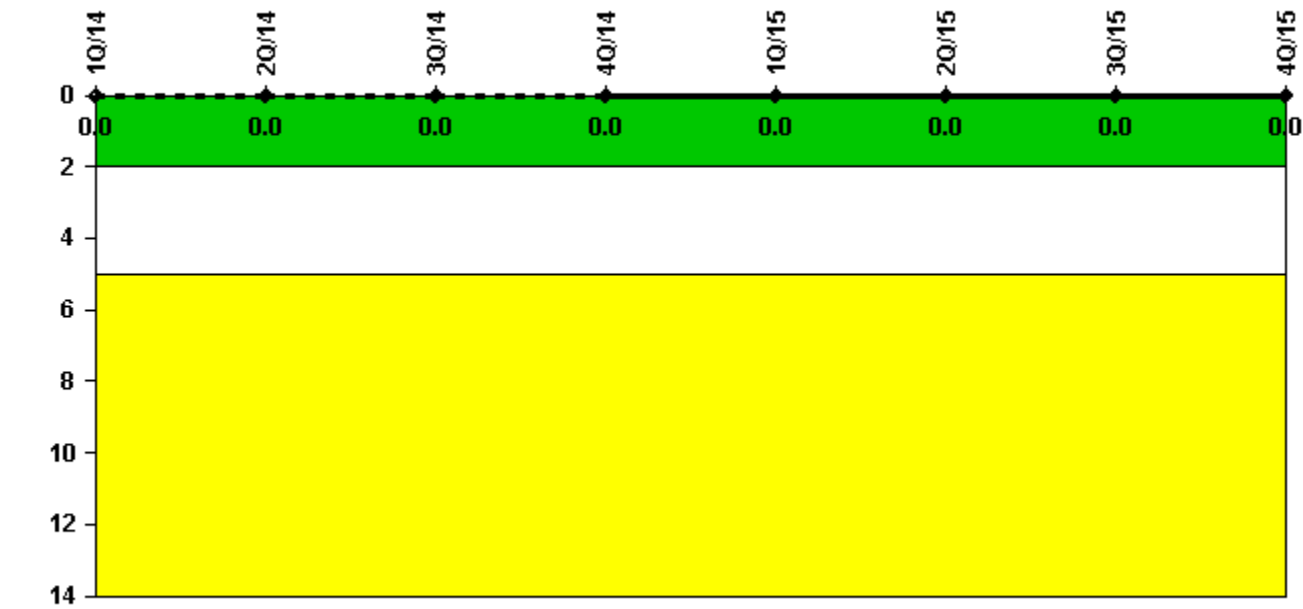
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Successful siren-tests	719	630	630	718	630	720	719	629
Total sirens-tests	720	630	630	720	630	720	720	630
Indicator value	99.8%	99.8%	100.0%	99.9%	99.9%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness

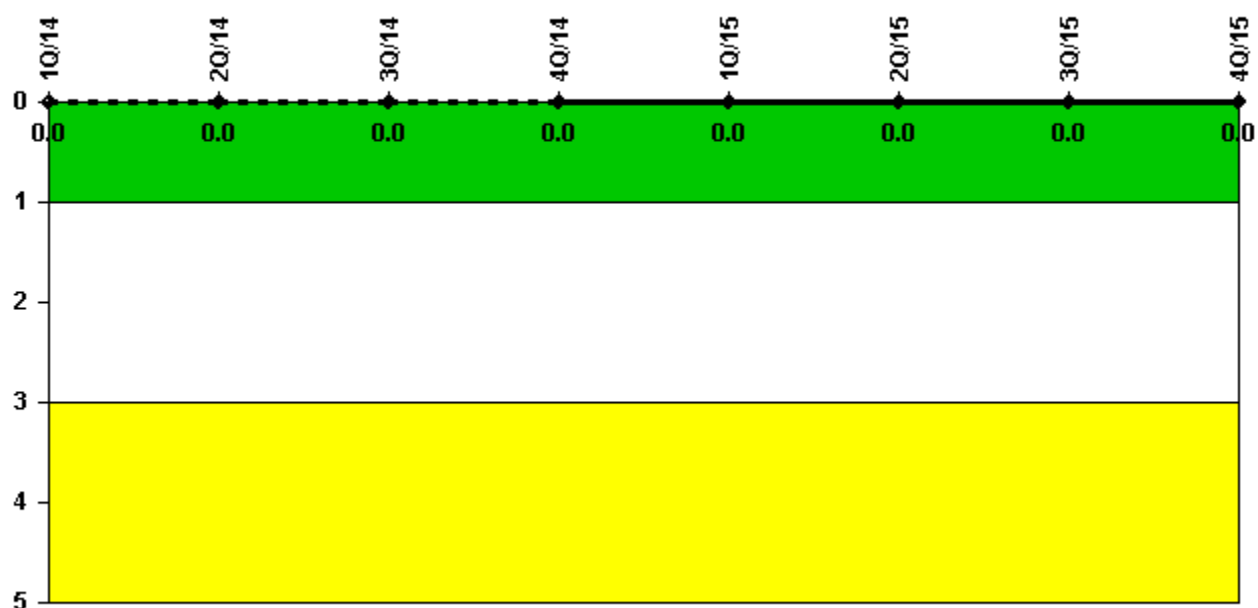


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
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	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
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: March 1, 2016

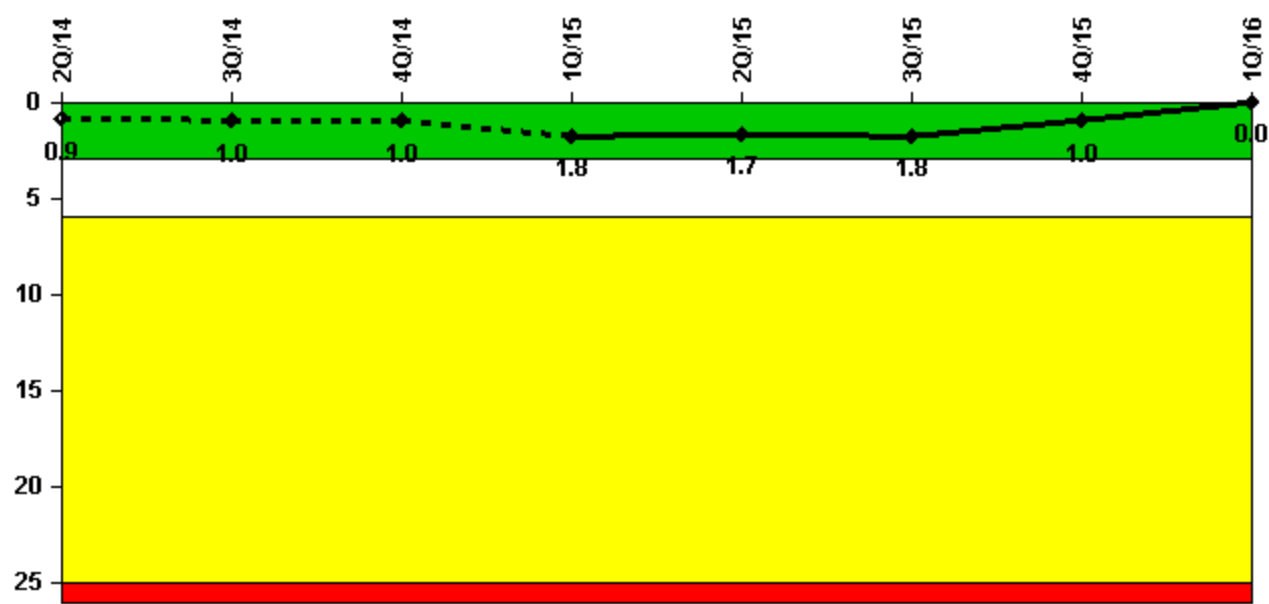
Saint Lucie 2

1Q/2016 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



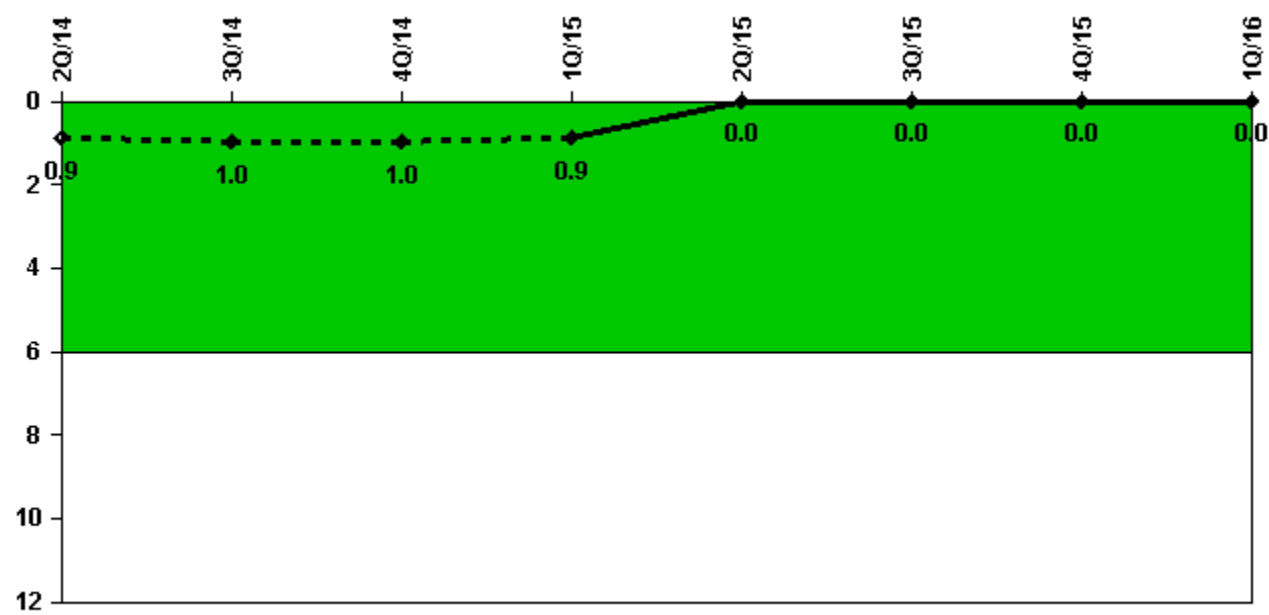
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Unplanned scrams	0	0	1.0	1.0	0	0	0	0
Critical hours	1666.8	1966.2	2077.3	2072.0	1964.4	1657.2	1626.2	2183.0
Indicator value	0.9	1.0	1.0	1.8	1.7	1.8	1.0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



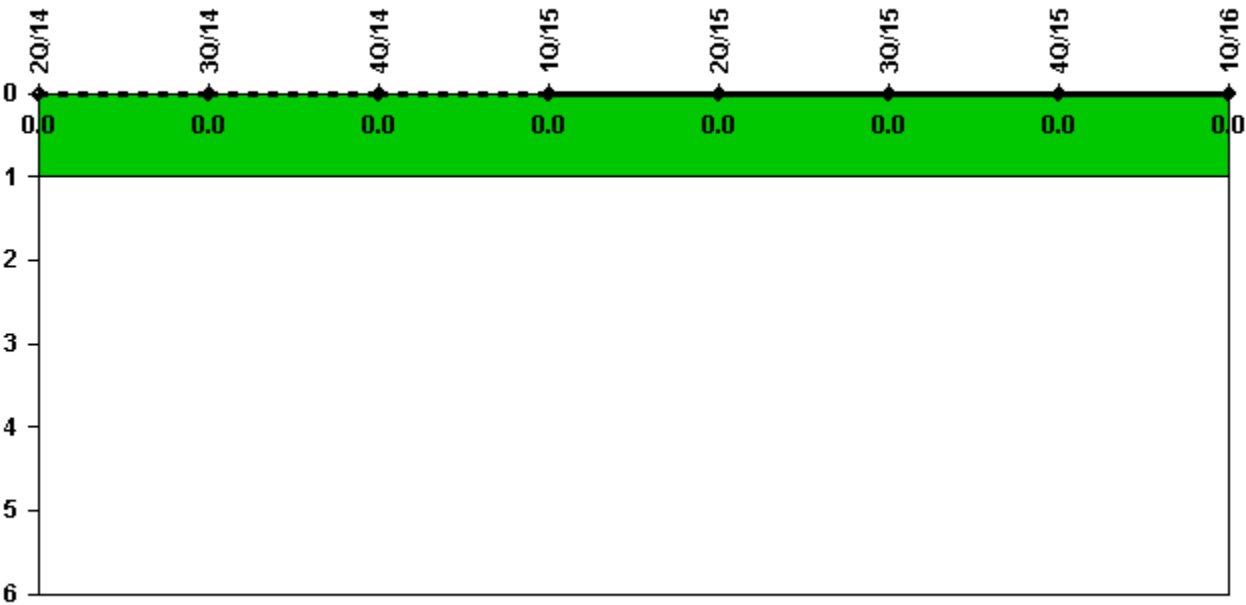
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Unplanned power changes	1.0	0	0	0	0	0	0	0
Critical hours	1666.8	1966.2	2077.3	2072.0	1964.4	1657.2	1626.2	2183.0
Indicator value	0.9	1.0	1.0	0.9	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



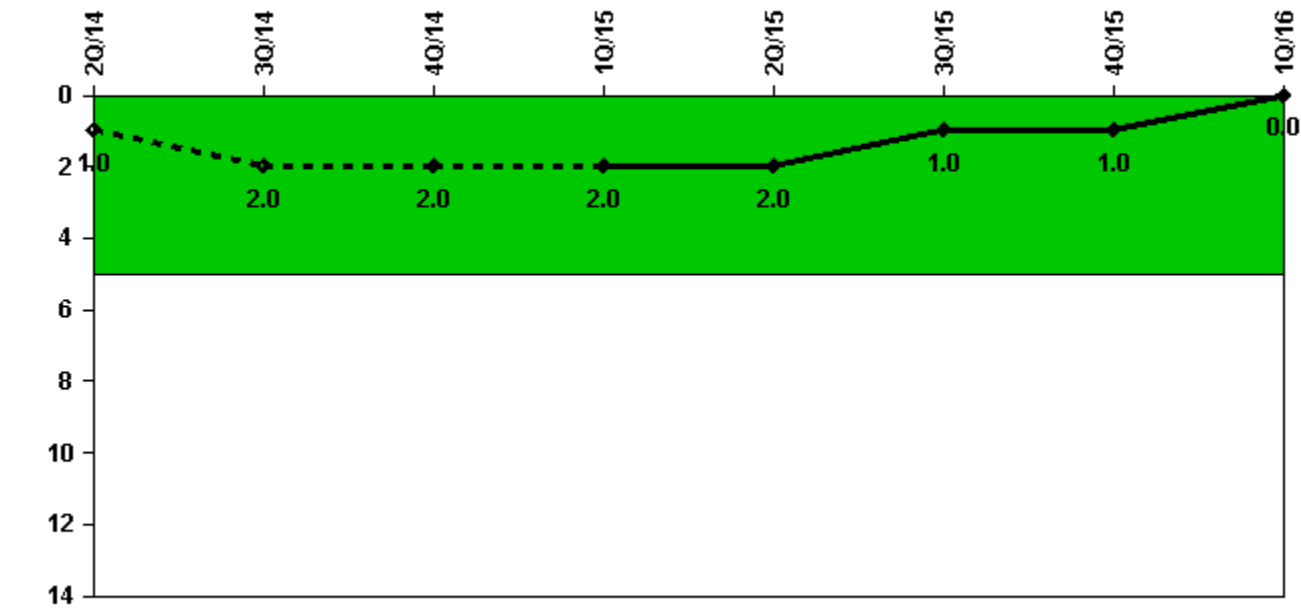
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
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 (PWR)



Thresholds: White > 5.0

Notes

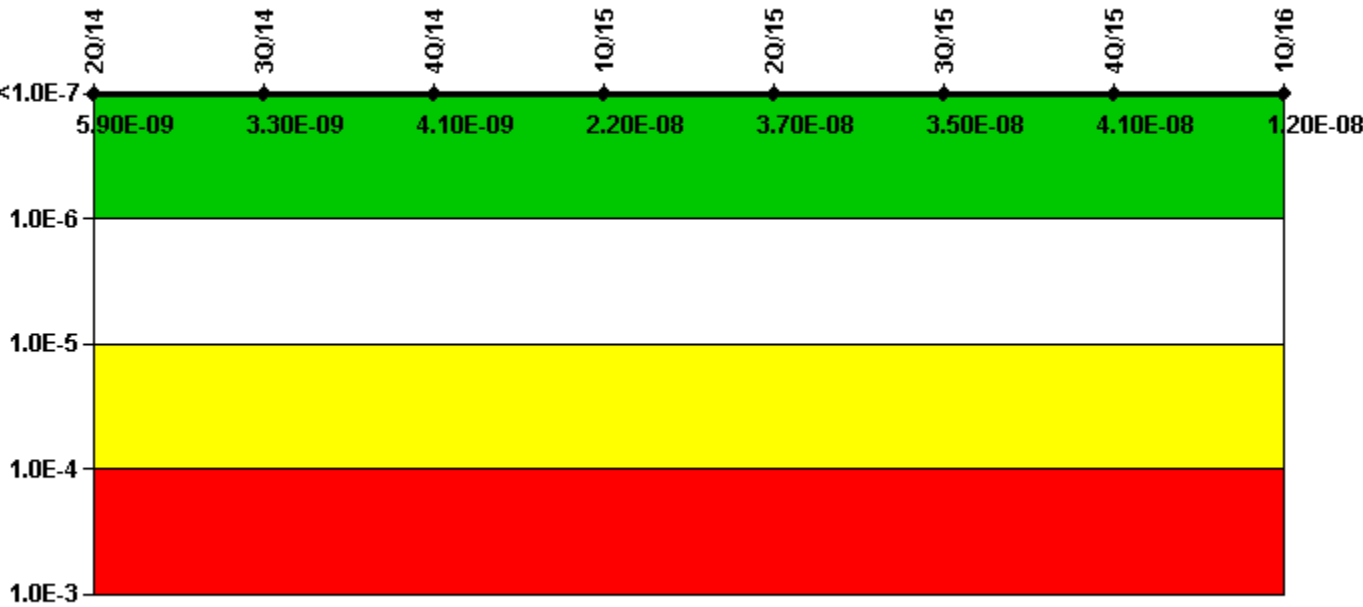
Safety System Functional Failures (PWR)	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Safety System Functional Failures	0	1	0	1	0	0	0	0
Indicator value	1	2	2	2	2	1	1	0

Licensee Comments:

1Q/15: SSFF reported in LER 50-389/2014-001-01 dated 1/30/215

3Q/14: Uni1 1 and 2 LER 50-335, 389/2012-010-02

Mitigating Systems Performance Index, Emergency AC Power System



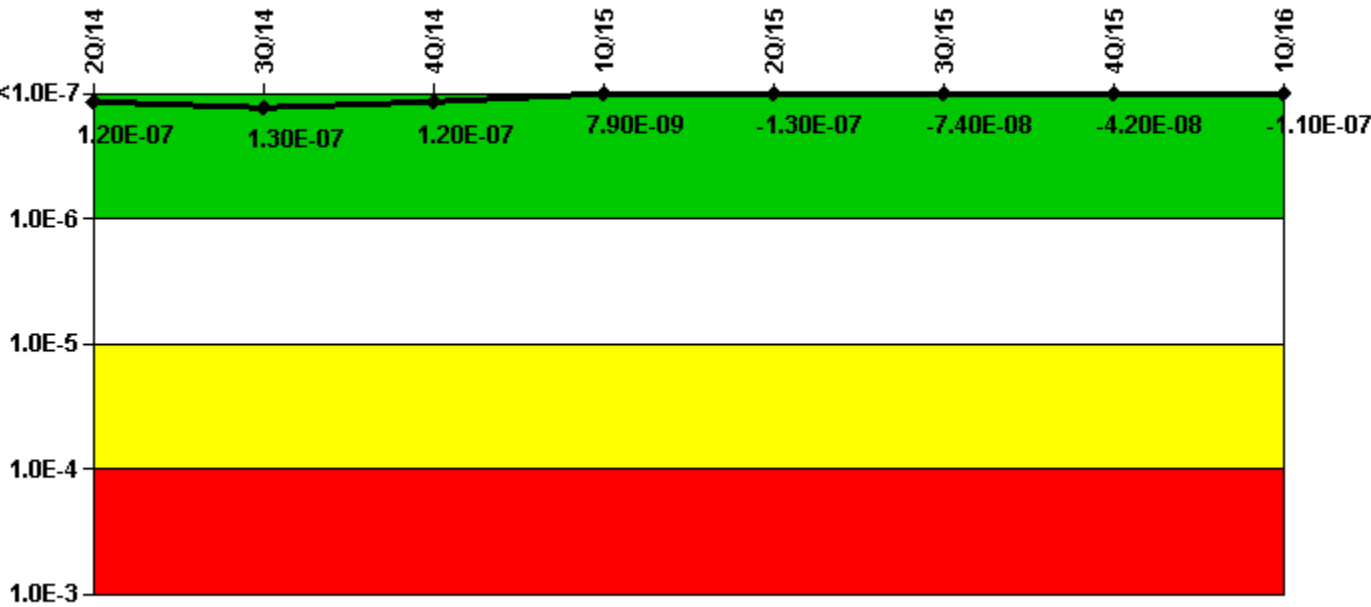
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
UAI (ΔCDF)	5.25E-09	2.22E-09	2.51E-09	2.09E-08	3.54E-08	3.35E-08	3.11E-08	3.02E-08
URI (ΔCDF)	5.99E-10	1.07E-09	1.56E-09	1.56E-09	1.56E-09	1.56E-09	9.54E-09	-1.84E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	5.90E-09	3.30E-09	4.10E-09	2.20E-08	3.70E-08	3.50E-08	4.10E-08	1.20E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



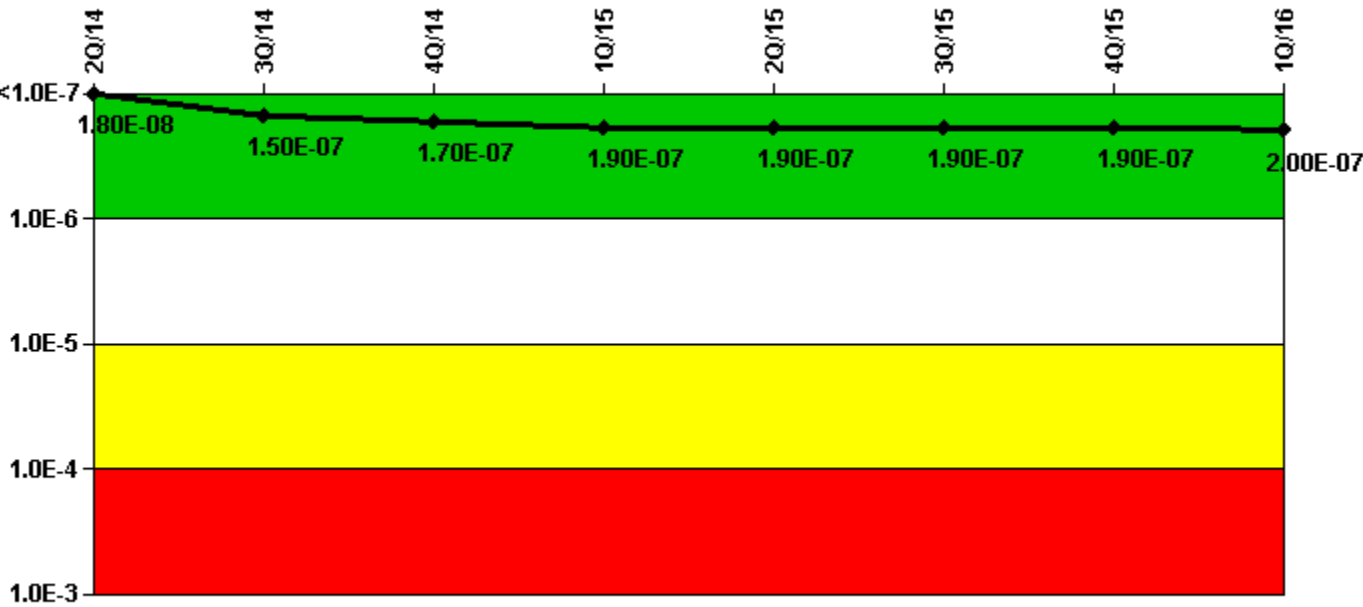
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
UAI (ΔCDF)	4.02E-07	4.14E-07	4.02E-07	2.91E-07	1.53E-07	2.09E-07	2.41E-07	1.70E-07
URI (ΔCDF)	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.20E-07	1.30E-07	1.20E-07	7.90E-09	-1.30E-07	-7.40E-08	-4.20E-08	-1.10E-07

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



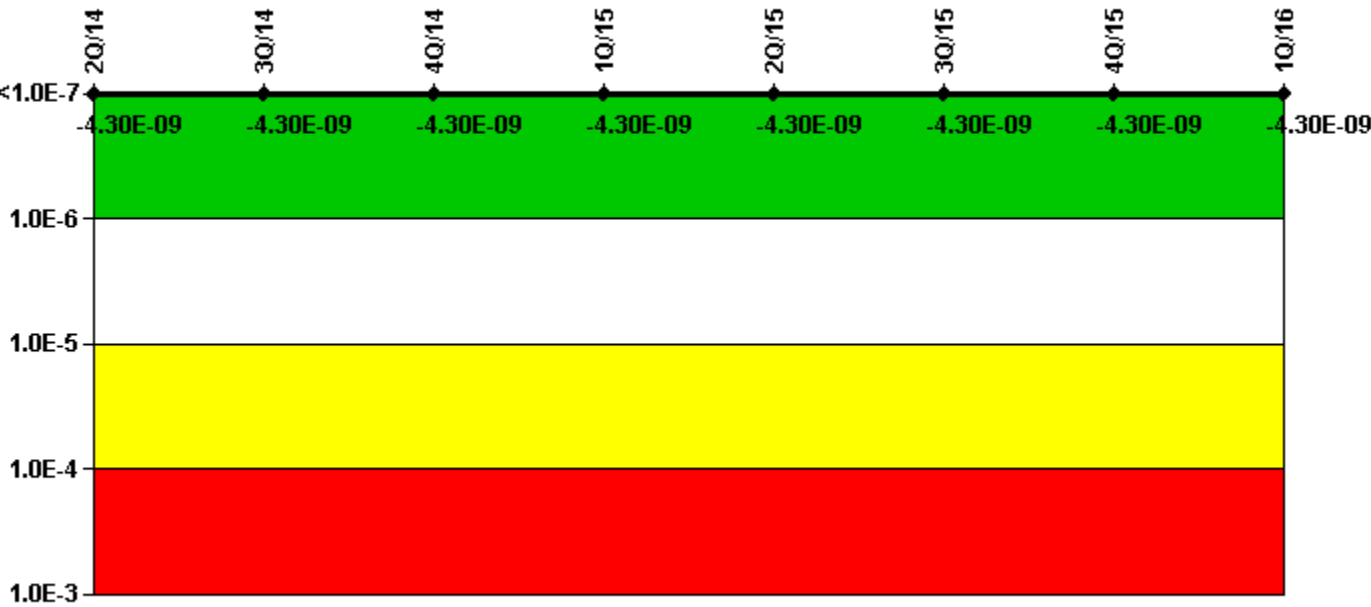
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
UAI (ΔCDF)	4.32E-09	8.63E-09	4.97E-09	5.03E-09	5.12E-09	5.50E-09	4.64E-09	9.82E-09
URI (ΔCDF)	1.37E-08	1.45E-07	1.65E-07	1.86E-07	1.88E-07	1.88E-07	1.88E-07	1.88E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.80E-08	1.50E-07	1.70E-07	1.90E-07	1.90E-07	1.90E-07	1.90E-07	2.00E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



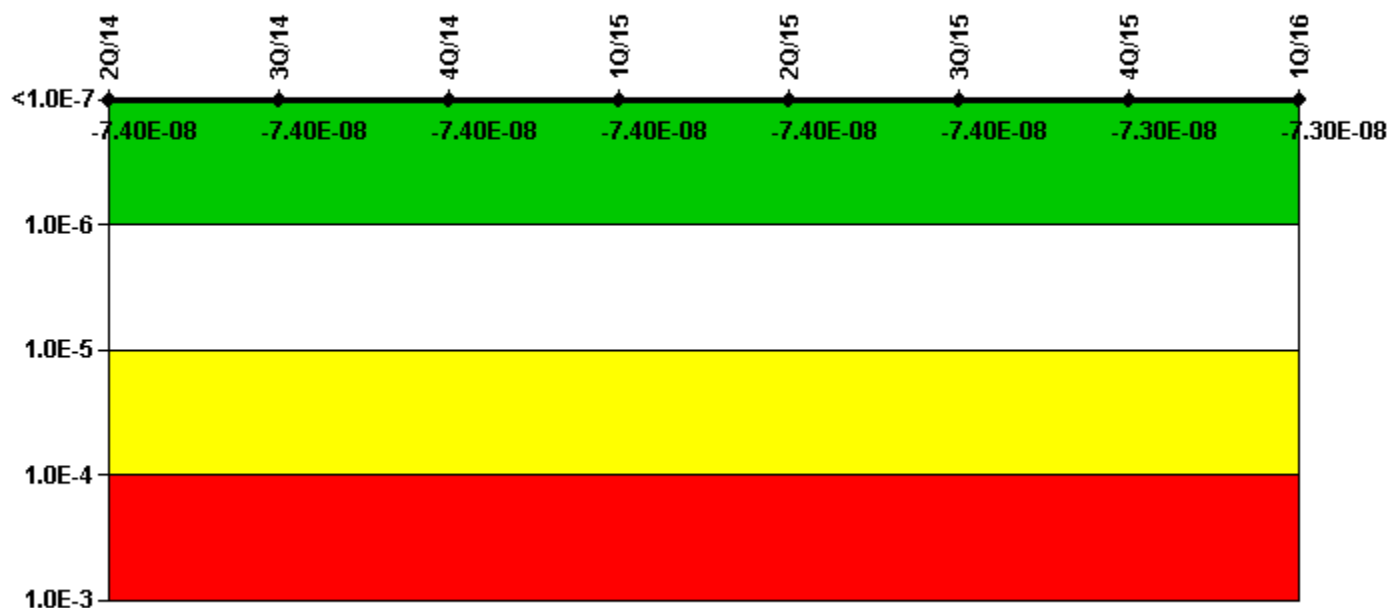
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
UAI (ΔCDF)	-1.03E-09	-1.03E-09	-1.03E-09	-1.03E-09	-1.03E-09	-1.03E-09	-1.03E-09	-1.03E-09
URI (ΔCDF)	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



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

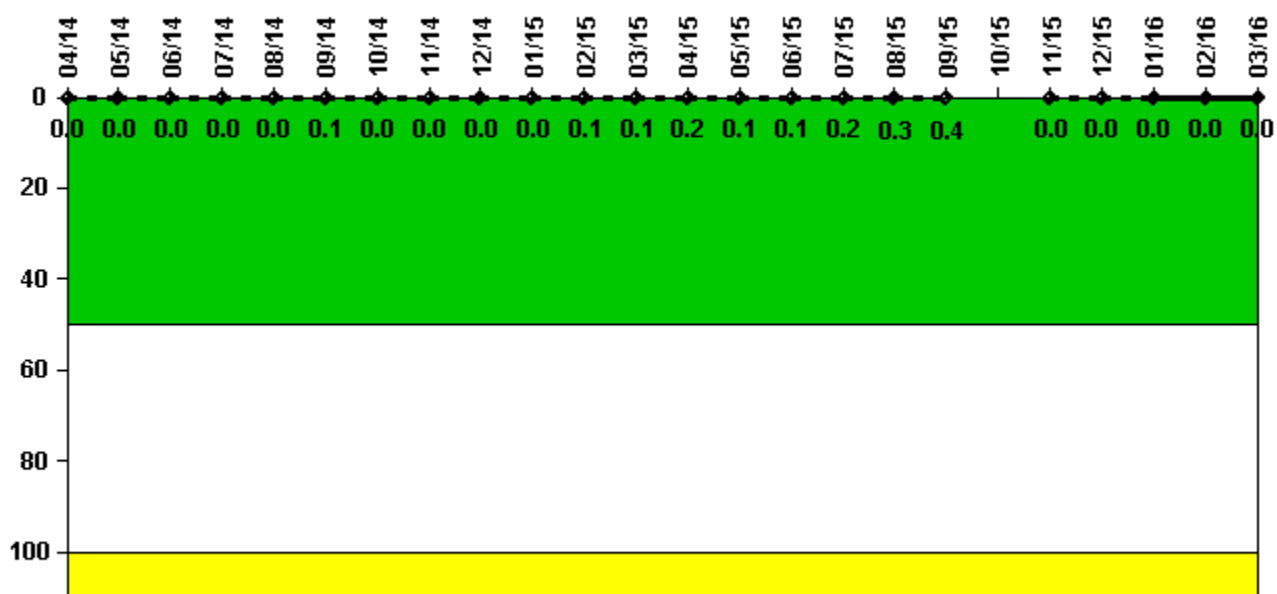
Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
UAI (Δ CDF)	-6.51E-08	-6.51E-08	-6.51E-08	-6.51E-08	-6.51E-08	-6.51E-08	-6.45E-08	-6.45E-08
URI (Δ CDF)	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-7.40E-08	-7.40E-08	-7.40E-08	-7.40E-08	-7.40E-08	-7.40E-08	-7.30E-08	-7.30E-08

Licensee Comments:

3Q/15: ICES OE record #319756 revised to upgrade the 2C ICW pump failure to a MSPI demand failure - change resulted in no effect on the calculated 3Q PI value.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

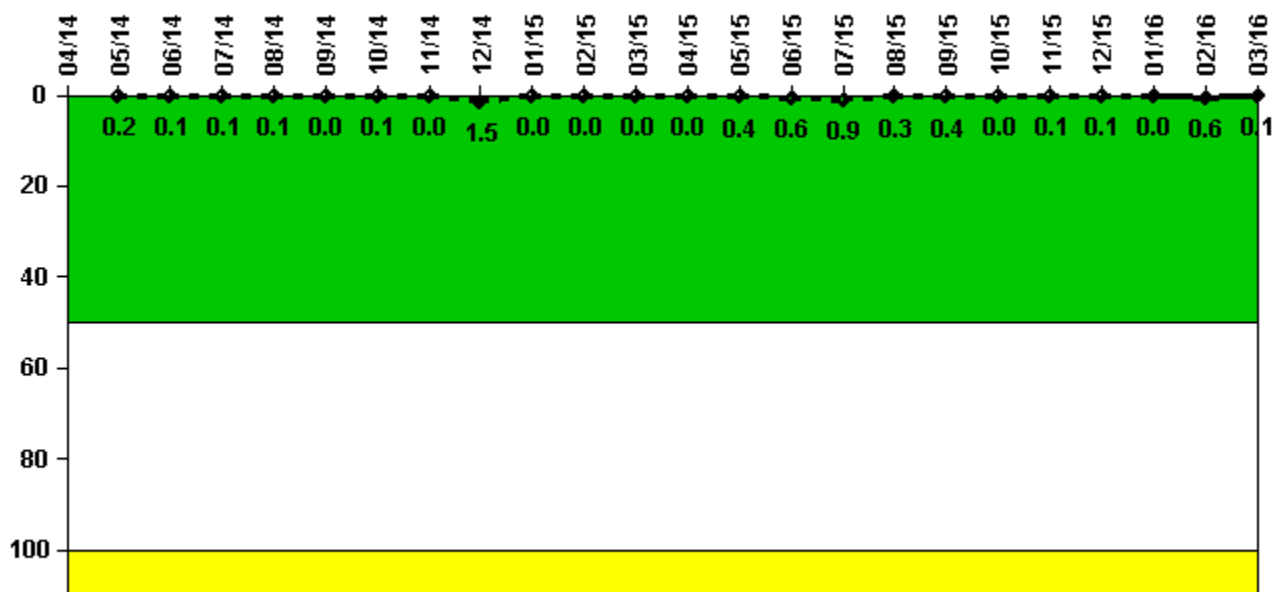
Notes

Reactor Coolant System Activity	4/14	5/14	6/14	7/14	8/14	9/14	10/14	11/14	12/14	1/15	2/15	3/15
Maximum activity	0.000113	0.000224	0.000207	0.000269	0.000311	0.000511	0.000323	0.000382	0.000433	0.000388	0.000669	0.000900
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0.1	0	0	0	0	0.1	0.1

Reactor Coolant System Activity	4/15	5/15	6/15	7/15	8/15	9/15	10/15	11/15	12/15	1/16	2/16	3/16
Maximum activity	0.001600	0.001090	0.001480	0.002130	0.002520	0.003770	N/A	0.000269	0.000312	0.000333	0.000364	0.000382
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.2	0.1	0.1	0.2	0.3	0.4	N/A	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



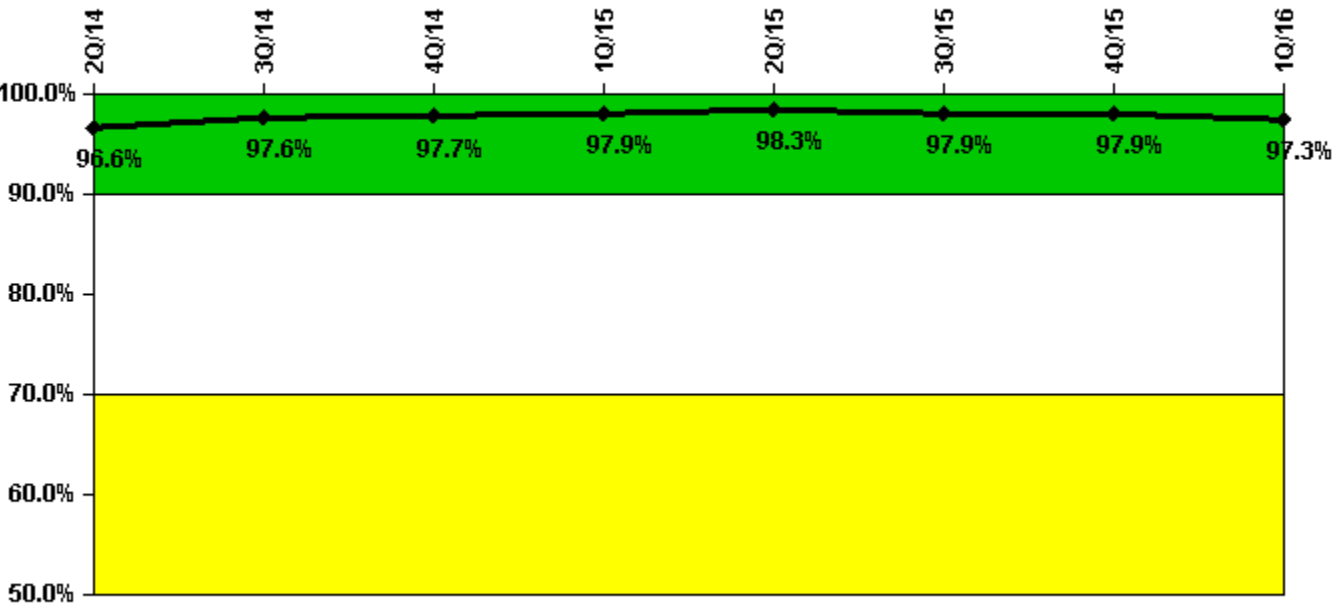
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/14	5/14	6/14	7/14	8/14	9/14	10/14	11/14	12/14	1/15	2/15	3/15
Maximum leakage	N/A	0.017	0.006	0.007	0.012	0.001	0.006	0.003	0.150	0	0	0.002
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	N/A	0.2	0.1	0.1	0.1	0	0.1	0	1.5	0	0	0
Reactor Coolant System Leakage	4/15	5/15	6/15	7/15	8/15	9/15	10/15	11/15	12/15	1/16	2/16	3/16
Maximum leakage	0	0.040	0.062	0.086	0.030	0.040	0	0.005	0.005	0.003	0.058	0.005
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0.4	0.6	0.9	0.3	0.4	0	0.1	0.1	0	0.6	0.1

Licensee Comments: none

Drill/Exercise Performance



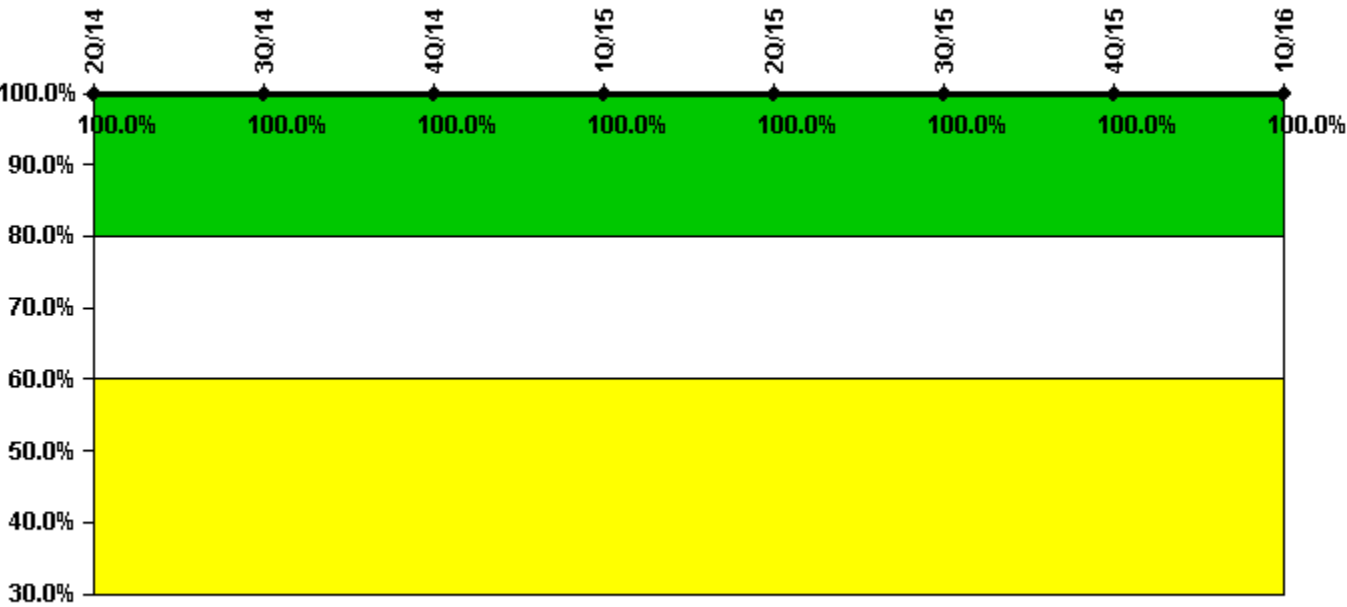
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Successful opportunities	43.0	53.0	29.0	31.0	31.0	20.0	24.0	17.0
Total opportunities	43.0	54.0	29.0	33.0	31.0	22.0	25.0	18.0
Indicator value	96.6%	97.6%	97.7%	97.9%	98.3%	97.9%	97.9%	97.3%

Licensee Comments: none

ERO Drill Participation



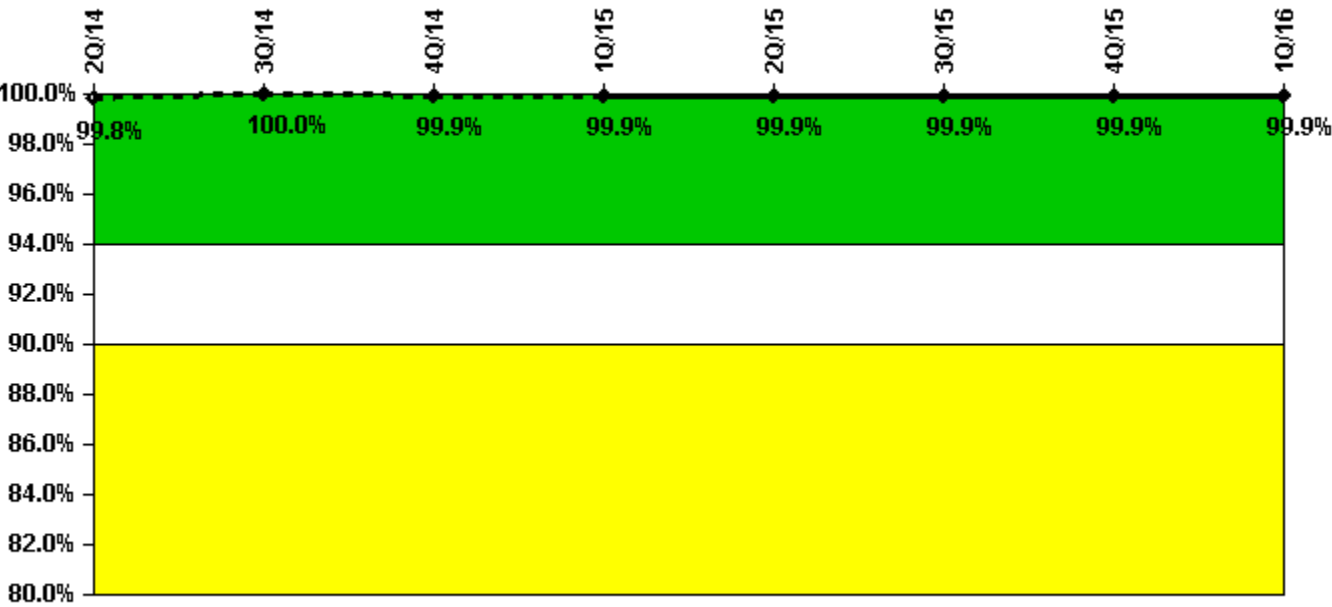
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Participating Key personnel	107.0	111.0	110.0	94.0	79.0	76.0	76.0	83.0
Total Key personnel	107.0	111.0	110.0	94.0	79.0	76.0	76.0	83.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



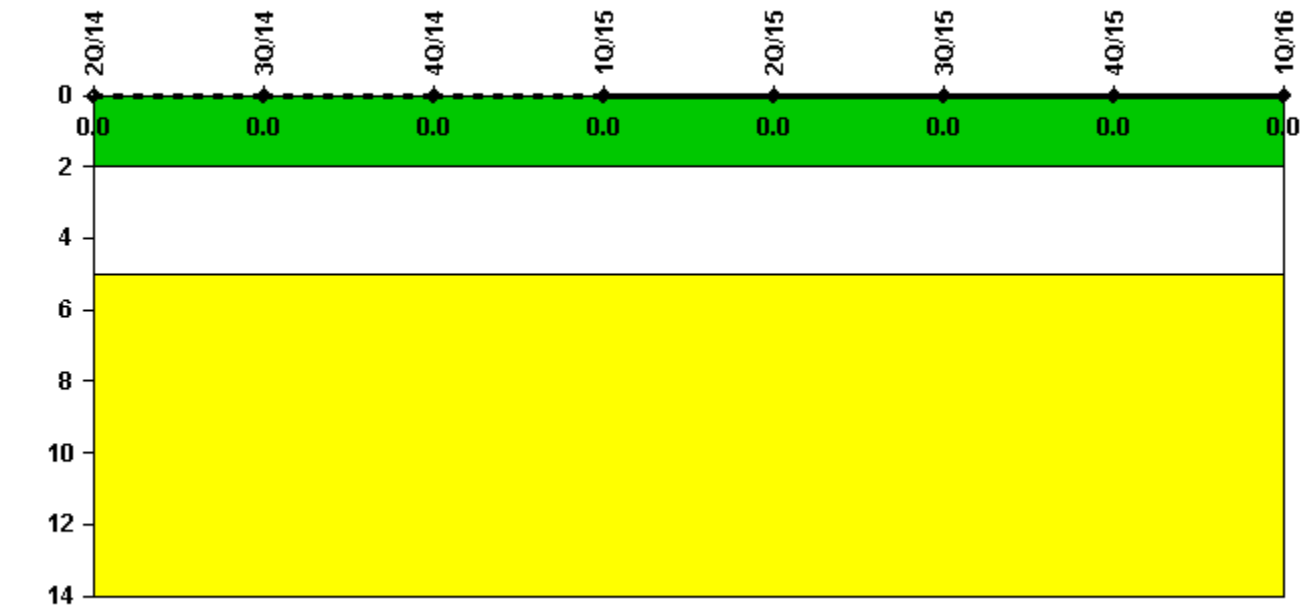
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Successful siren-tests	630	630	718	630	720	719	629	630
Total sirens-tests	630	630	720	630	720	720	630	630
Indicator value	99.8%	100.0%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



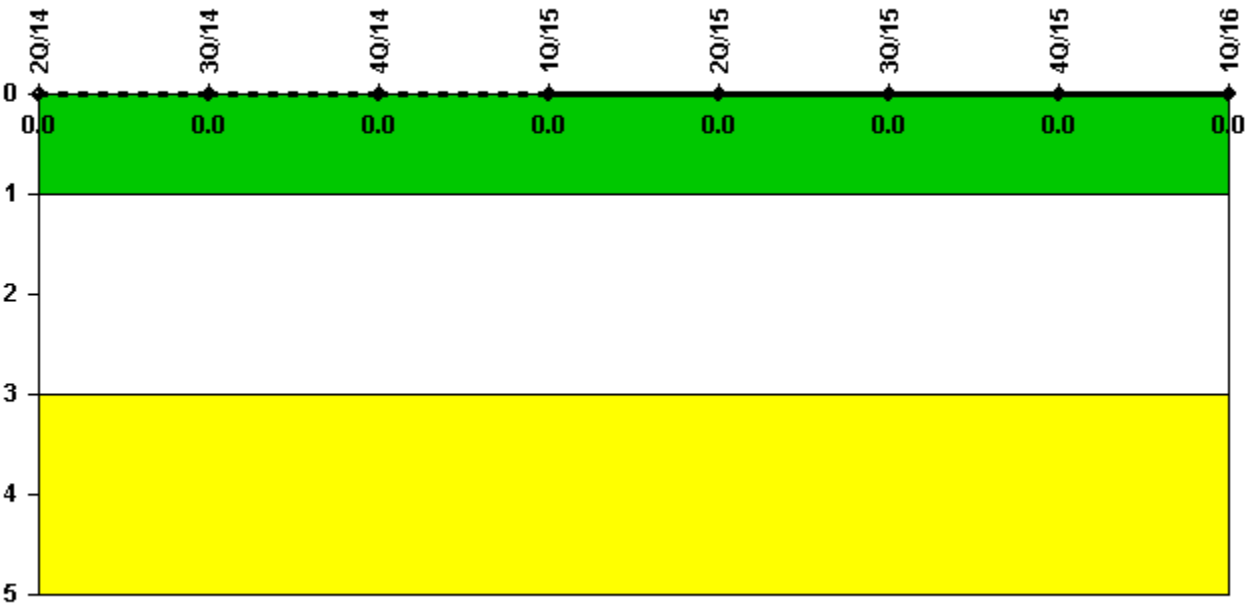
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
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/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
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: April 23, 2016

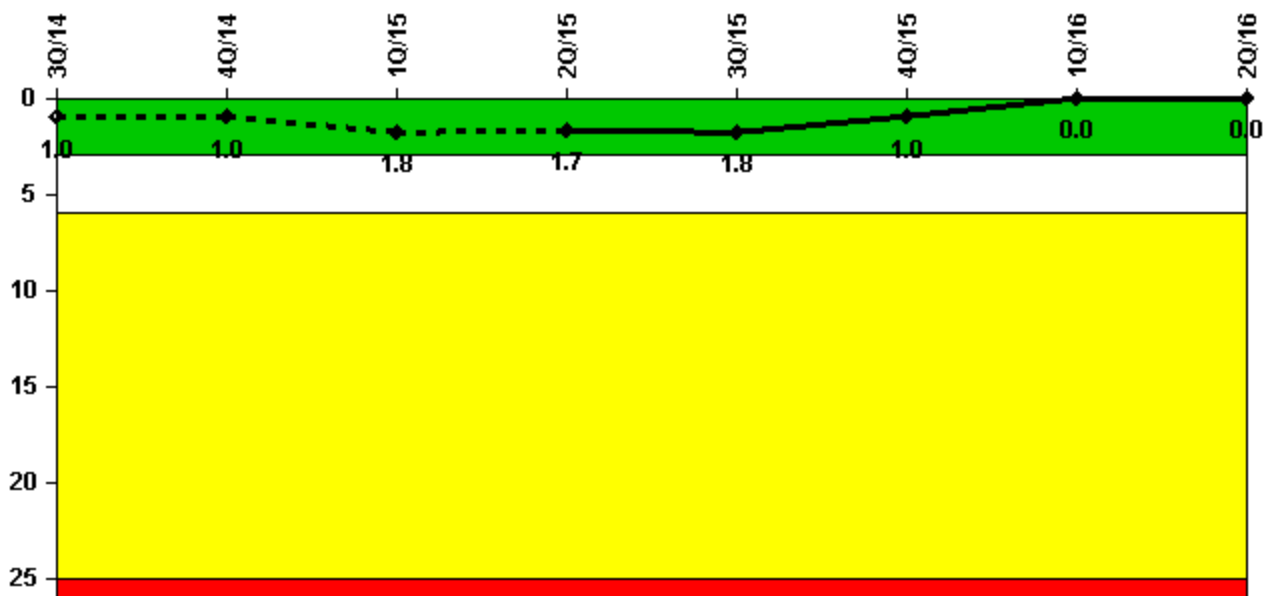
Saint Lucie 2

2Q/2016 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



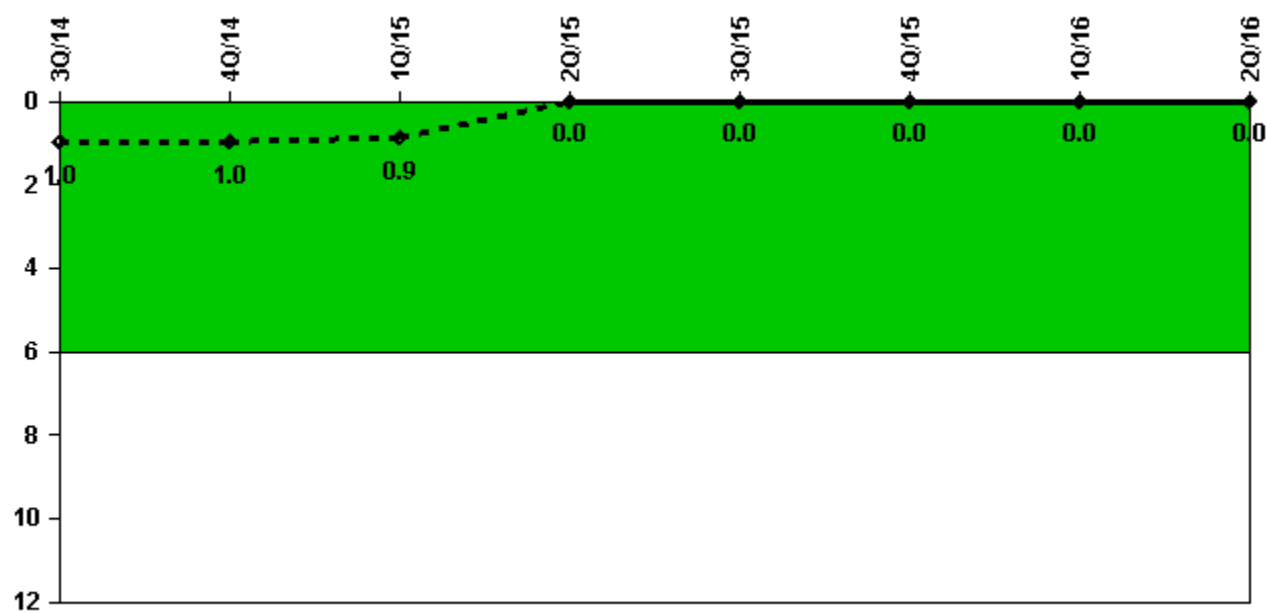
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Unplanned scrams	0	1.0	1.0	0	0	0	0	0
Critical hours	1966.2	2077.3	2072.0	1964.4	1657.2	1626.2	2183.0	2184.0
Indicator value	1.0	1.0	1.8	1.7	1.8	1.0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



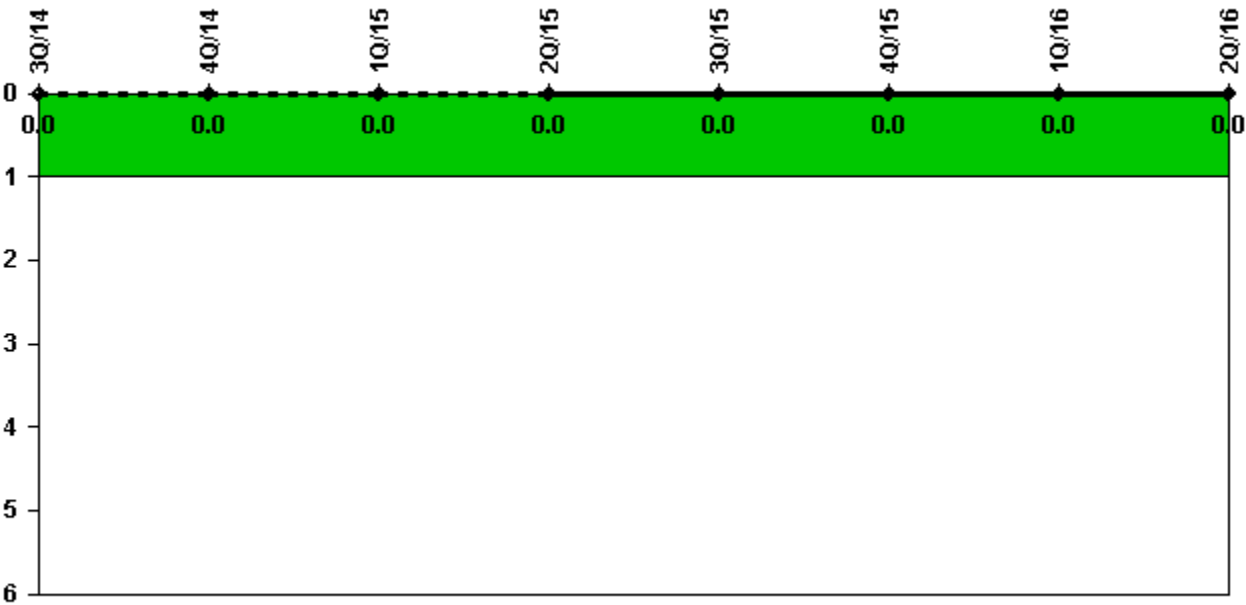
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	1966.2	2077.3	2072.0	1964.4	1657.2	1626.2	2183.0	2184.0
Indicator value	1.0	1.0	0.9	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



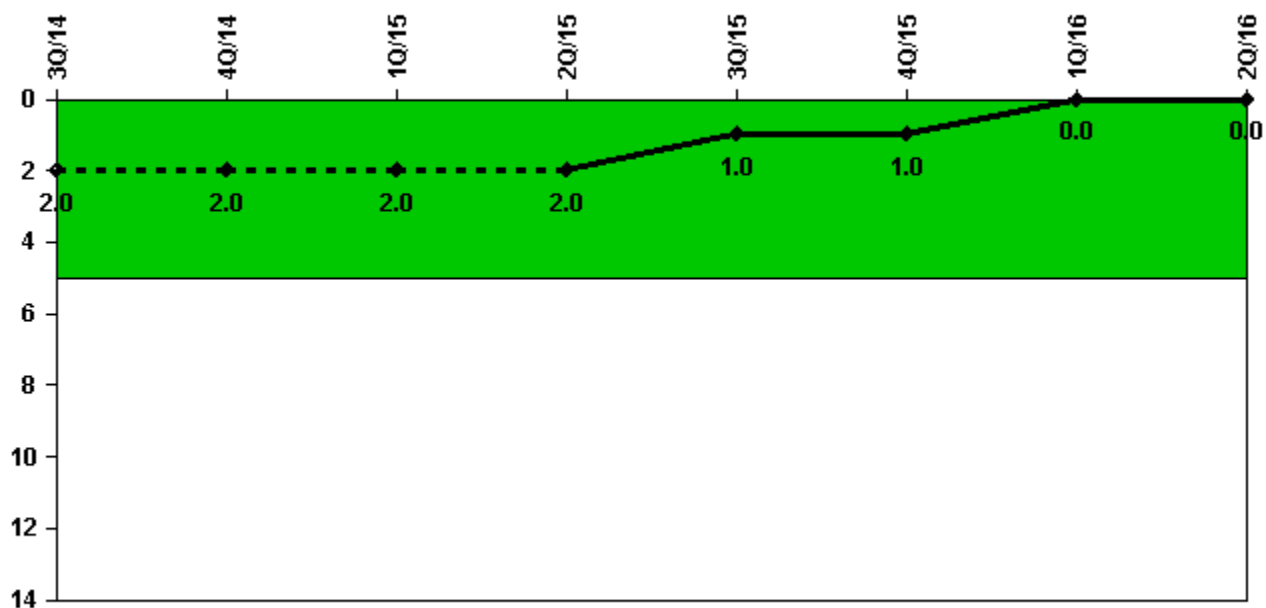
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
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 (PWR)



Thresholds: White > 5.0

Notes

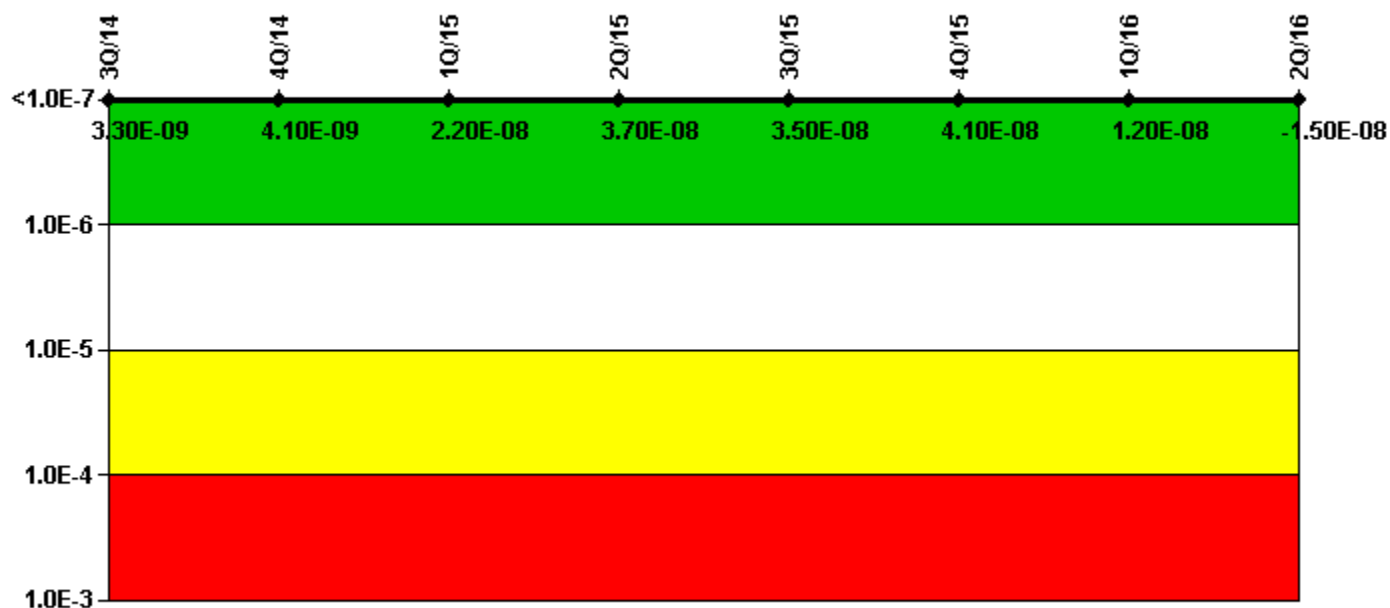
Safety System Functional Failures (PWR)	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Safety System Functional Failures	1	0	1	0	0	0	0	0
Indicator value	2	2	2	2	1	1	0	0

Licensee Comments:

1Q/15: SSFF reported in LER 50-389/2014-001-01 dated 1/30/215

3Q/14: Uni1 1 and 2 LER 50-335, 389/2012-010-02

Mitigating Systems Performance Index, Emergency AC Power System



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

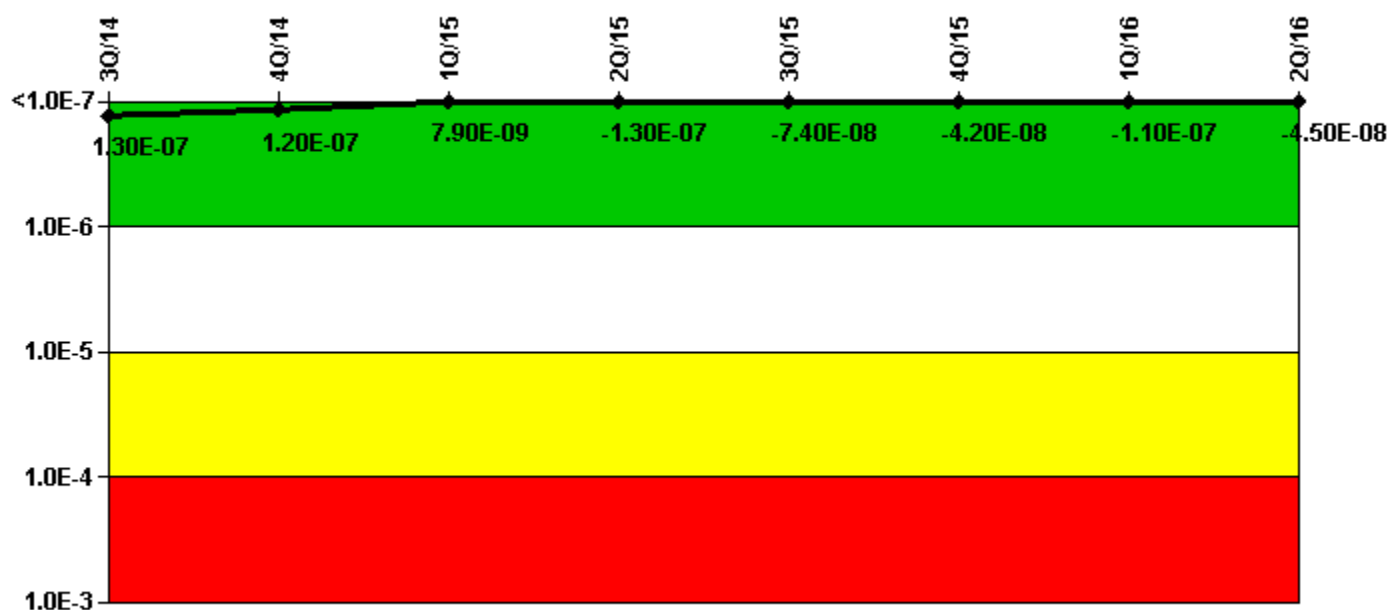
Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
UAI (Δ CDF)	2.22E-09	2.51E-09	2.09E-08	3.54E-08	3.35E-08	3.11E-08	3.02E-08	1.52E-08
URI (Δ CDF)	1.07E-09	1.56E-09	1.56E-09	1.56E-09	1.56E-09	9.54E-09	-1.84E-08	-3.01E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.30E-09	4.10E-09	2.20E-08	3.70E-08	3.50E-08	4.10E-08	1.20E-08	-1.50E-08

Licensee Comments:

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model

Mitigating Systems Performance Index, High Pressure Injection System



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

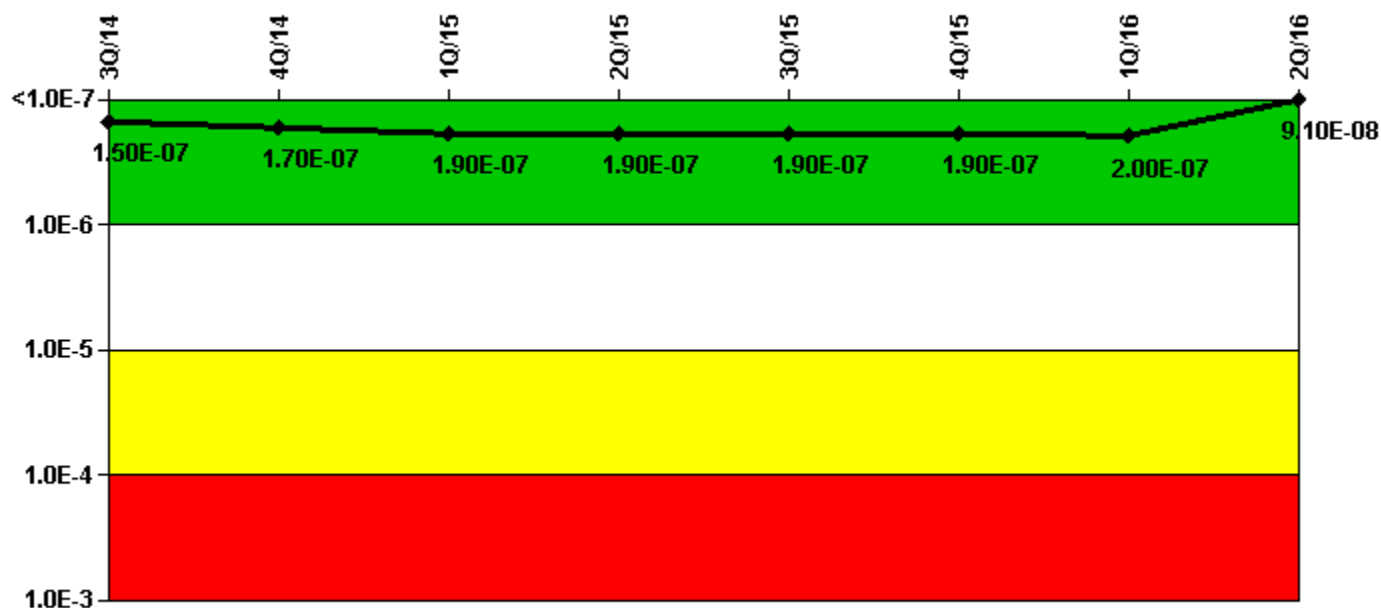
Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
UAI (Δ CDF)	4.14E-07	4.02E-07	2.91E-07	1.53E-07	2.09E-07	2.41E-07	1.70E-07	5.41E-08
URI (Δ CDF)	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07	-9.88E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.30E-07	1.20E-07	7.90E-09	-1.30E-07	-7.40E-08	-4.20E-08	-1.10E-07	-4.50E-08

Licensee Comments:

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model

Mitigating Systems Performance Index, Heat Removal System



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

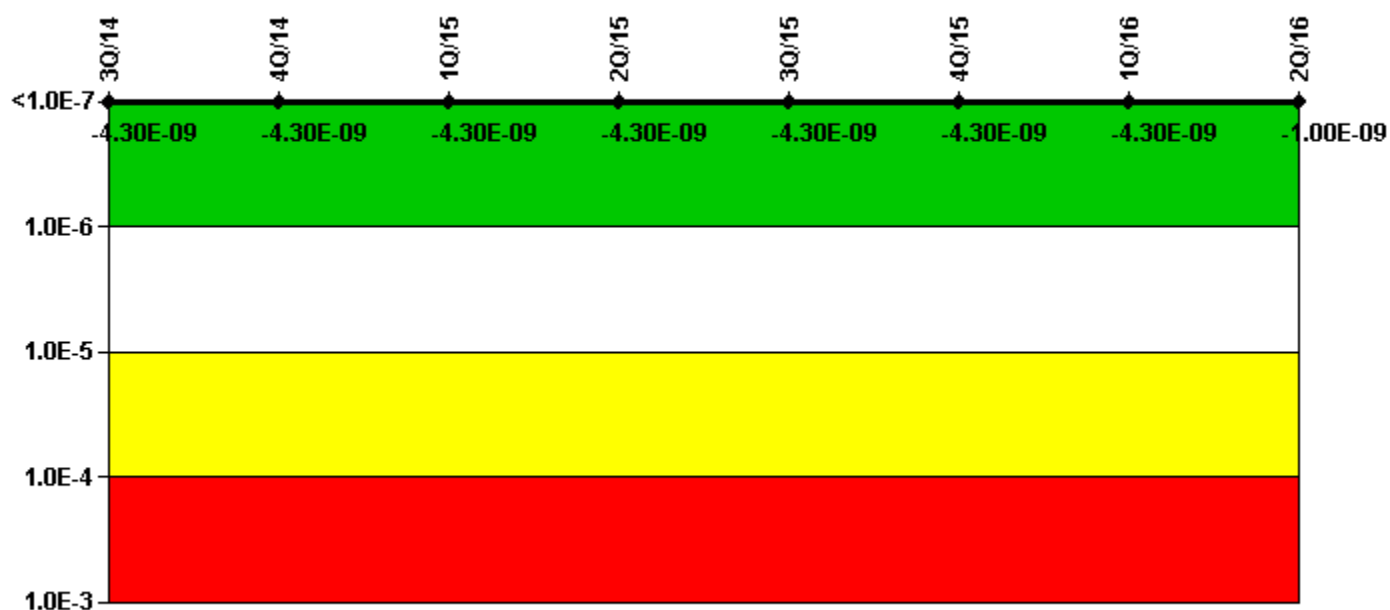
Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
UAI (Δ CDF)	8.63E-09	4.97E-09	5.03E-09	5.12E-09	5.50E-09	4.64E-09	9.82E-09	1.35E-08
URI (Δ CDF)	1.45E-07	1.65E-07	1.86E-07	1.88E-07	1.88E-07	1.88E-07	1.88E-07	7.78E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.50E-07	1.70E-07	1.90E-07	1.90E-07	1.90E-07	1.90E-07	2.00E-07	9.10E-08

Licensee Comments:

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model

Mitigating Systems Performance Index, Residual Heat Removal System



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

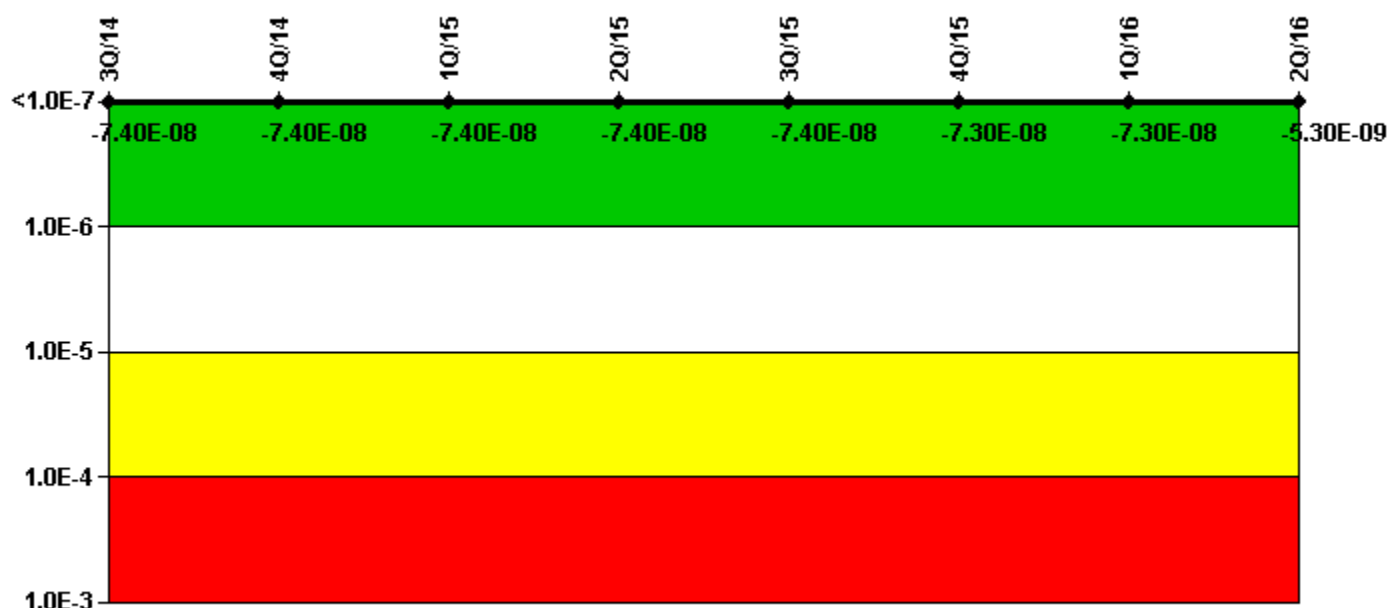
Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
UAI (Δ CDF)	-1.03E-09	-1.03E-09	-1.03E-09	-1.03E-09	-1.03E-09	-1.03E-09	-1.03E-09	-1.10E-10
URI (Δ CDF)	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09	-9.36E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-1.00E-09

Licensee Comments:

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model

Mitigating Systems Performance Index, Cooling Water Systems



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

Notes

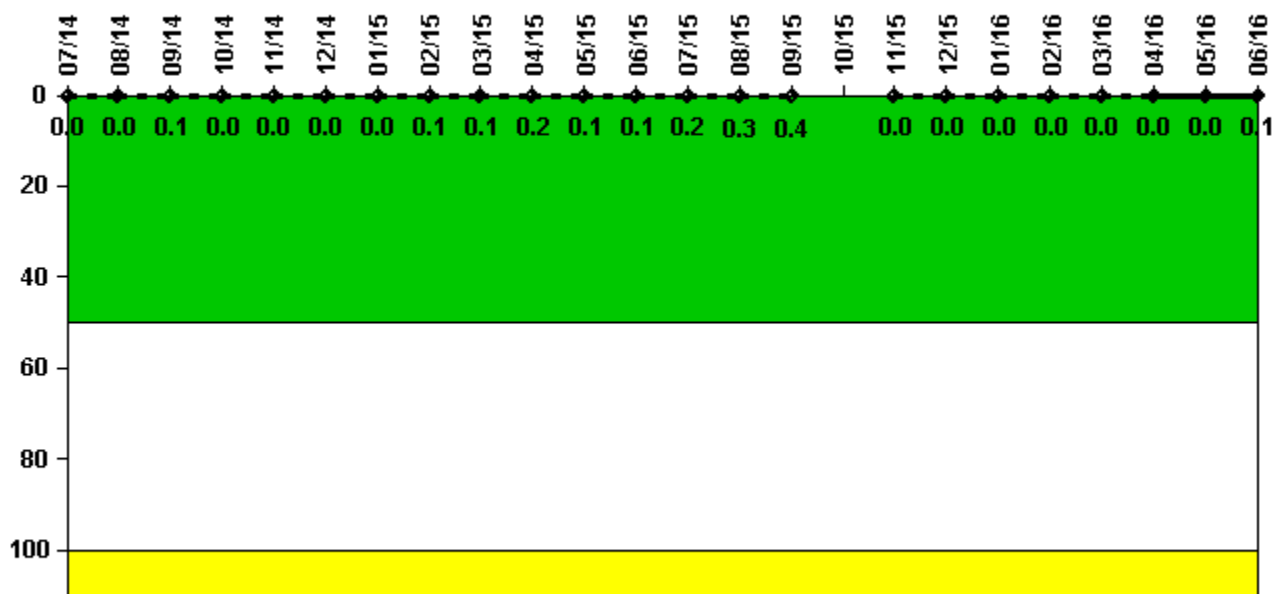
Mitigating Systems Performance Index, Cooling Water Systems	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
UAI (Δ CDF)	-6.51E-08	-6.51E-08	-6.51E-08	-6.51E-08	-6.51E-08	-6.45E-08	-6.45E-08	-4.33E-09
URI (Δ CDF)	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09	-9.63E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-7.40E-08	-7.40E-08	-7.40E-08	-7.40E-08	-7.40E-08	-7.30E-08	-7.30E-08	-5.30E-09

Licensee Comments:

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model

3Q/15: ICES OE record #319756 revised to upgrade the 2C ICW pump failure to a MSPI demand failure - change resulted in no effect on the calculated 3Q PI value.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

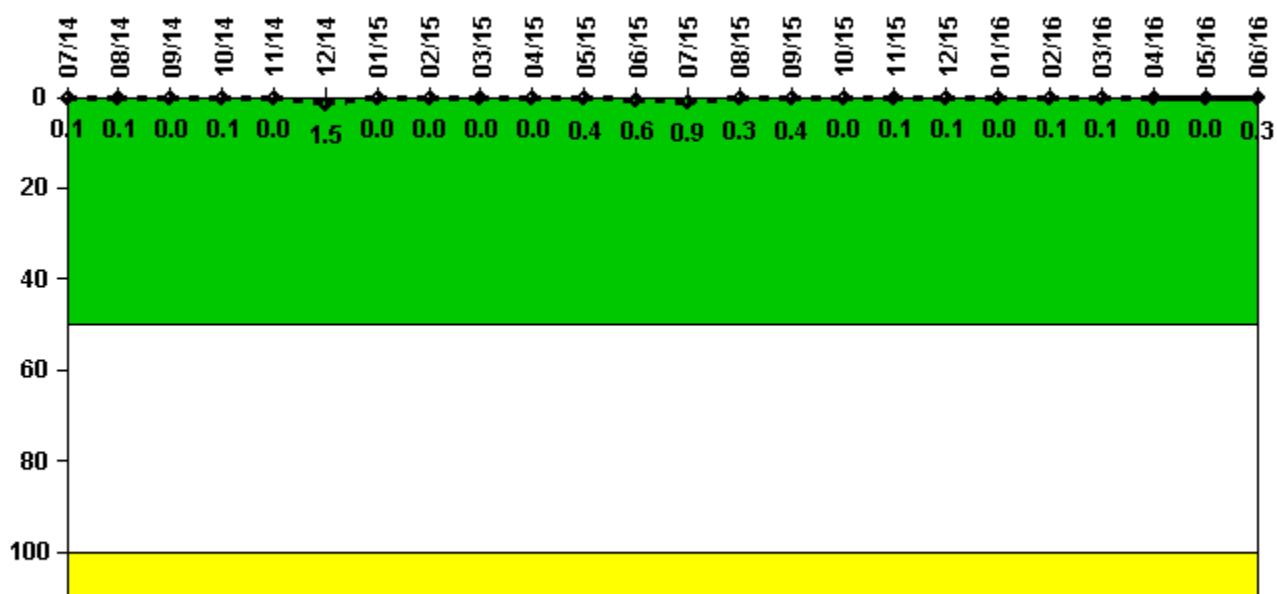
Notes

Reactor Coolant System Activity	7/14	8/14	9/14	10/14	11/14	12/14	1/15	2/15	3/15	4/15	5/15	6/15
Maximum activity	0.000269	0.000311	0.000511	0.000323	0.000382	0.000433	0.000388	0.000669	0.000900	0.001600	0.001090	0.001480
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0.1	0	0	0	0	0.1	0.1	0.2	0.1	0.1

Reactor Coolant System Activity	7/15	8/15	9/15	10/15	11/15	12/15	1/16	2/16	3/16	4/16	5/16	6/16
Maximum activity	0.002130	0.002520	0.003770	N/A	0.000269	0.000312	0.000333	0.000364	0.000382	0.000384	0.000374	0.000607
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.2	0.3	0.4	N/A	0	0	0	0	0	0	0	0.1

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

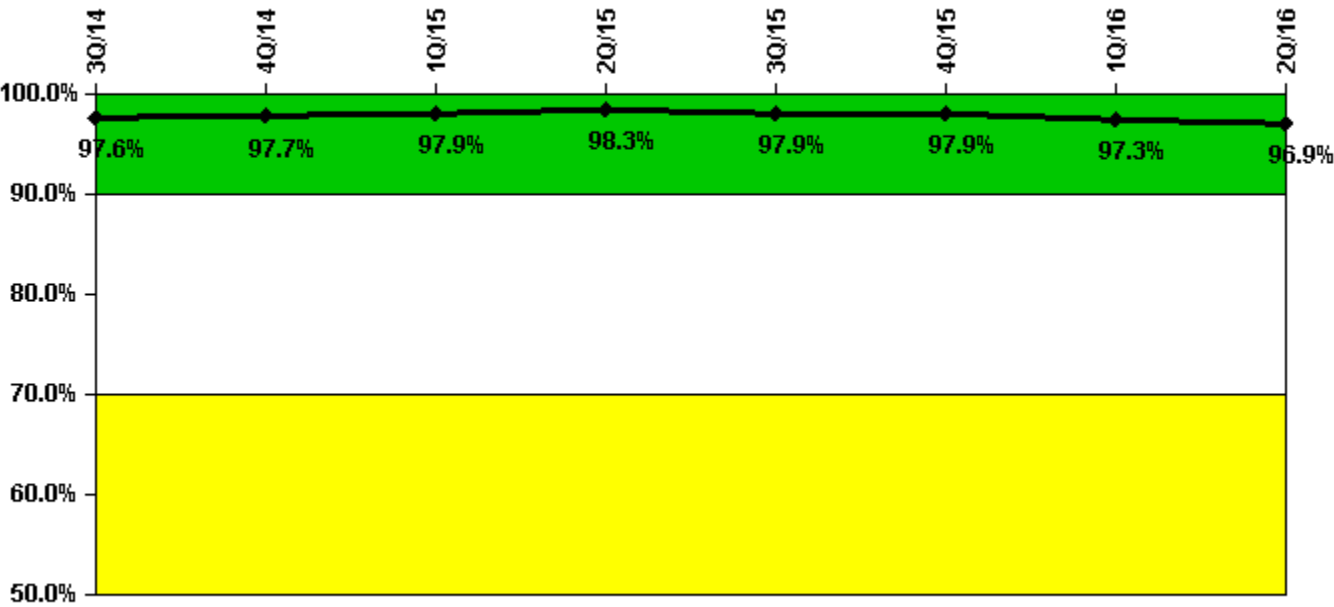
Notes

Reactor Coolant System Leakage	7/14	8/14	9/14	10/14	11/14	12/14	1/15	2/15	3/15	4/15	5/15	6/15
Maximum leakage	0.007	0.012	0.001	0.006	0.003	0.150	0	0	0.002	0	0.040	0.062
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0.1	0	0.1	0	1.5	0	0	0	0	0.4	0.6
Reactor Coolant System Leakage	7/15	8/15	9/15	10/15	11/15	12/15	1/16	2/16	3/16	4/16	5/16	6/16
Maximum leakage	0.086	0.030	0.040	0	0.005	0.005	0.003	0.005	0.005	0	0	0.030
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.9	0.3	0.4	0	0.1	0.1	0	0.1	0.1	0	0	0.3

Licensee Comments:

3/16: February data corrected from 0.058 to 0.005

Drill/Exercise Performance



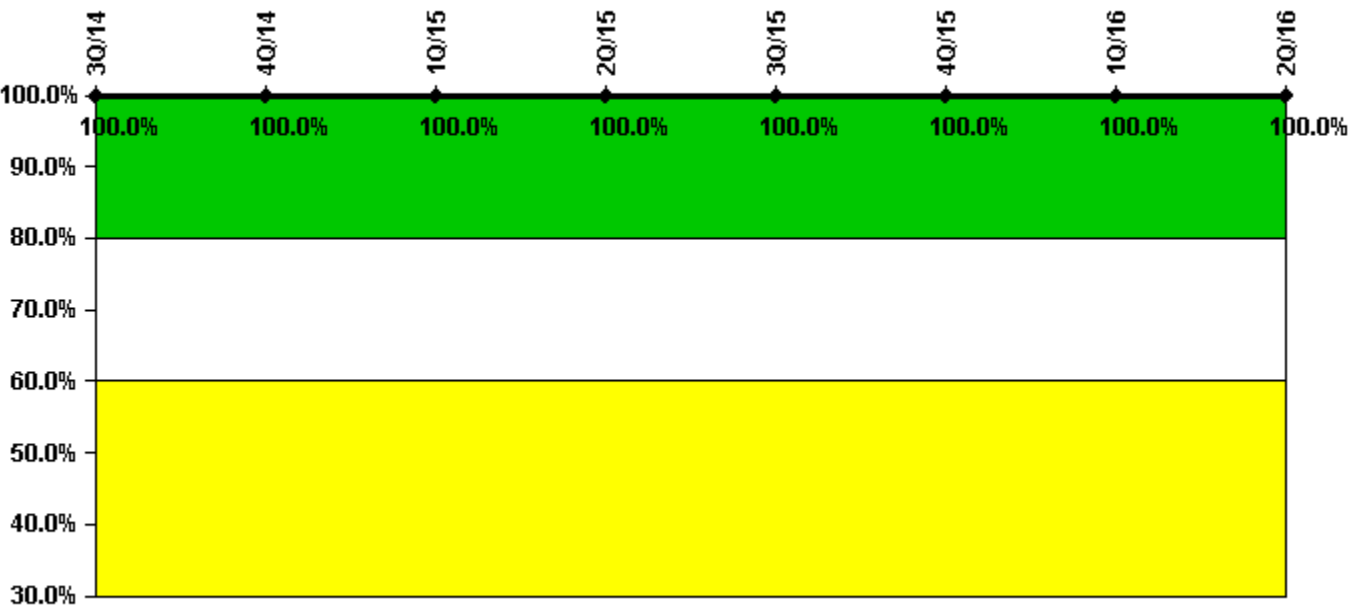
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Successful opportunities	53.0	29.0	31.0	31.0	20.0	24.0	17.0	17.0
Total opportunities	54.0	29.0	33.0	31.0	22.0	25.0	18.0	17.0
Indicator value	97.6%	97.7%	97.9%	98.3%	97.9%	97.9%	97.3%	96.9%

Licensee Comments: none

ERO Drill Participation



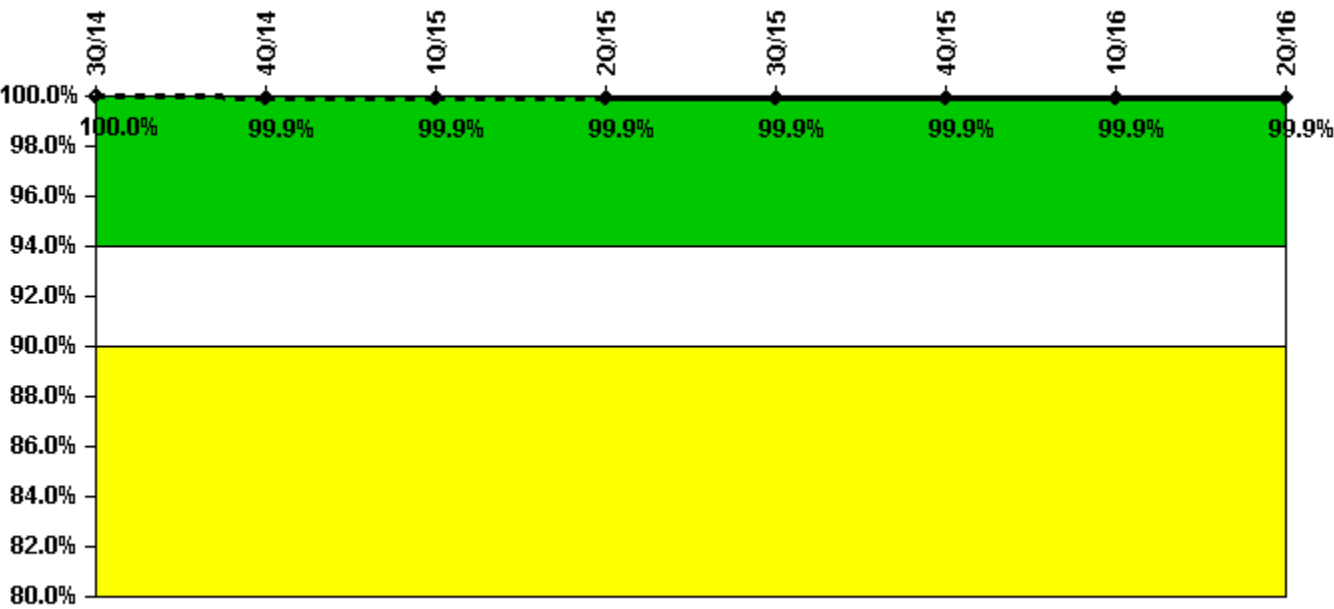
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Participating Key personnel	111.0	110.0	94.0	79.0	76.0	76.0	83.0	83.0
Total Key personnel	111.0	110.0	94.0	79.0	76.0	76.0	83.0	83.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



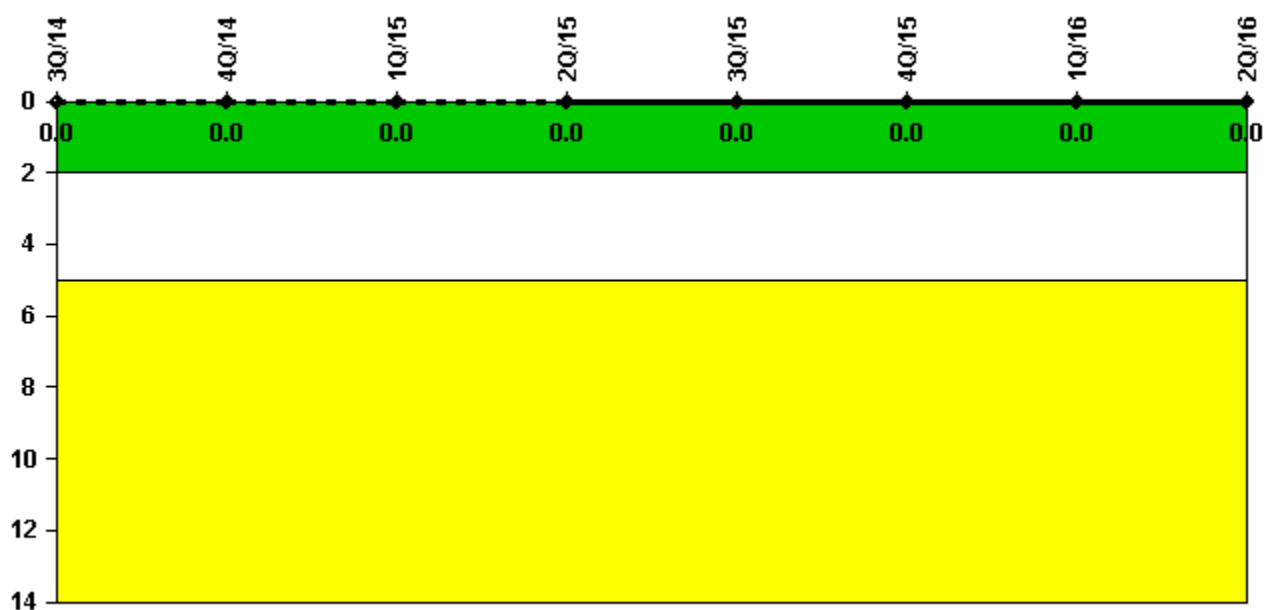
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Successful siren-tests	630	718	630	720	719	629	630	629
Total sirens-tests	630	720	630	720	720	630	630	630
Indicator value	100.0%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness

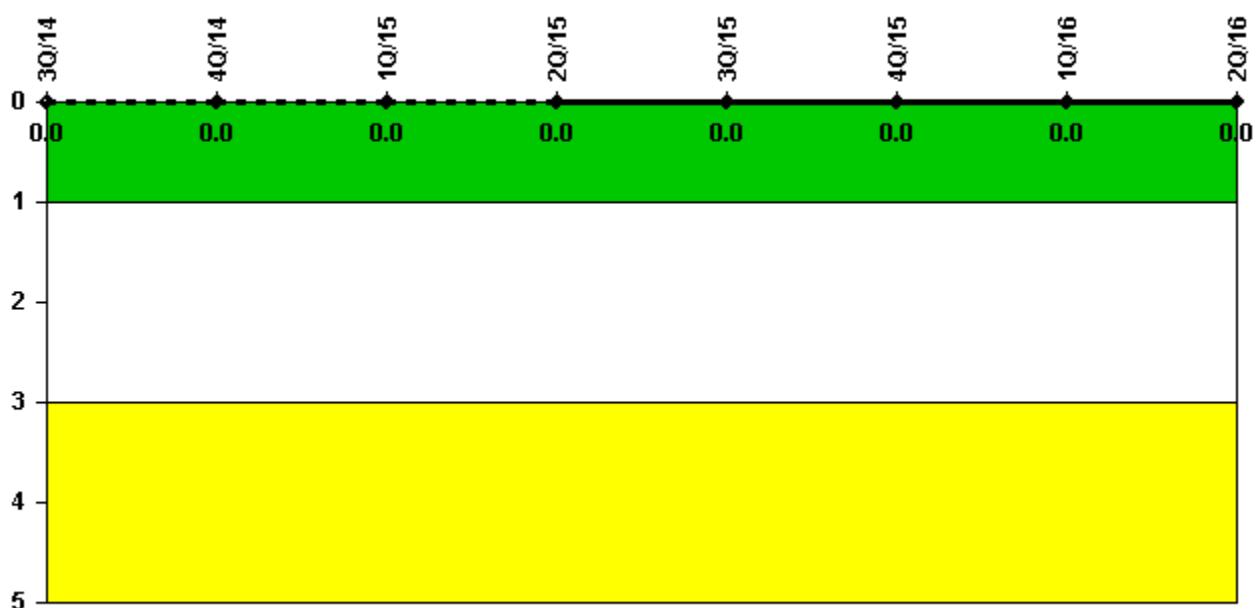


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
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/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
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: July 25, 2016

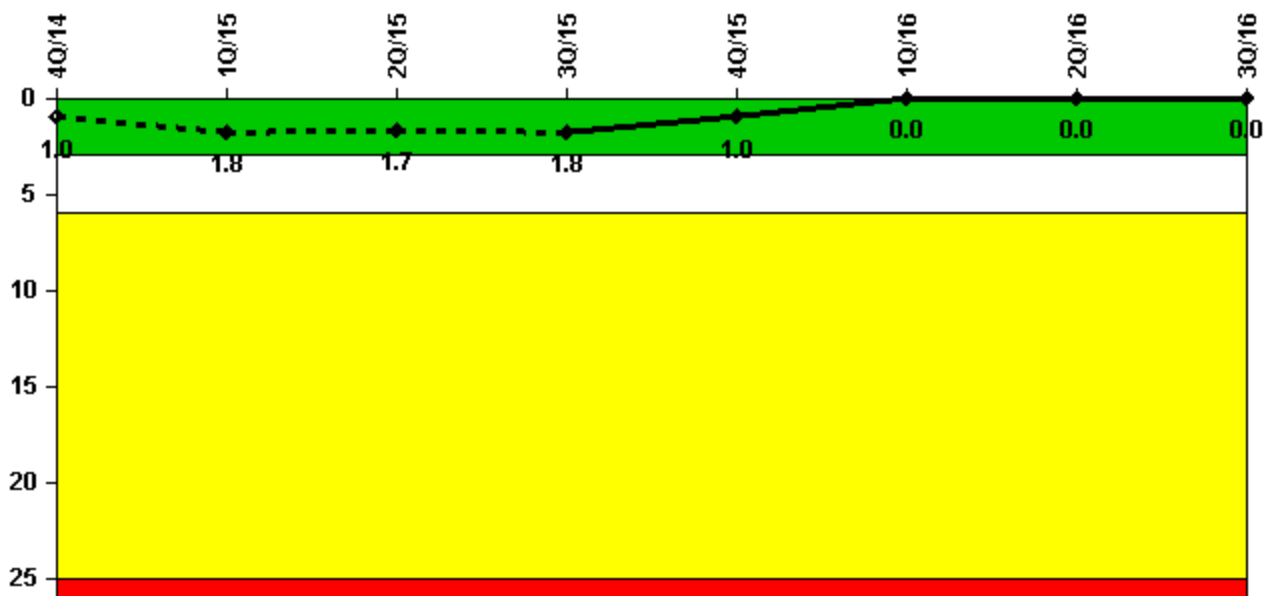
Saint Lucie 2

3Q/2016 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



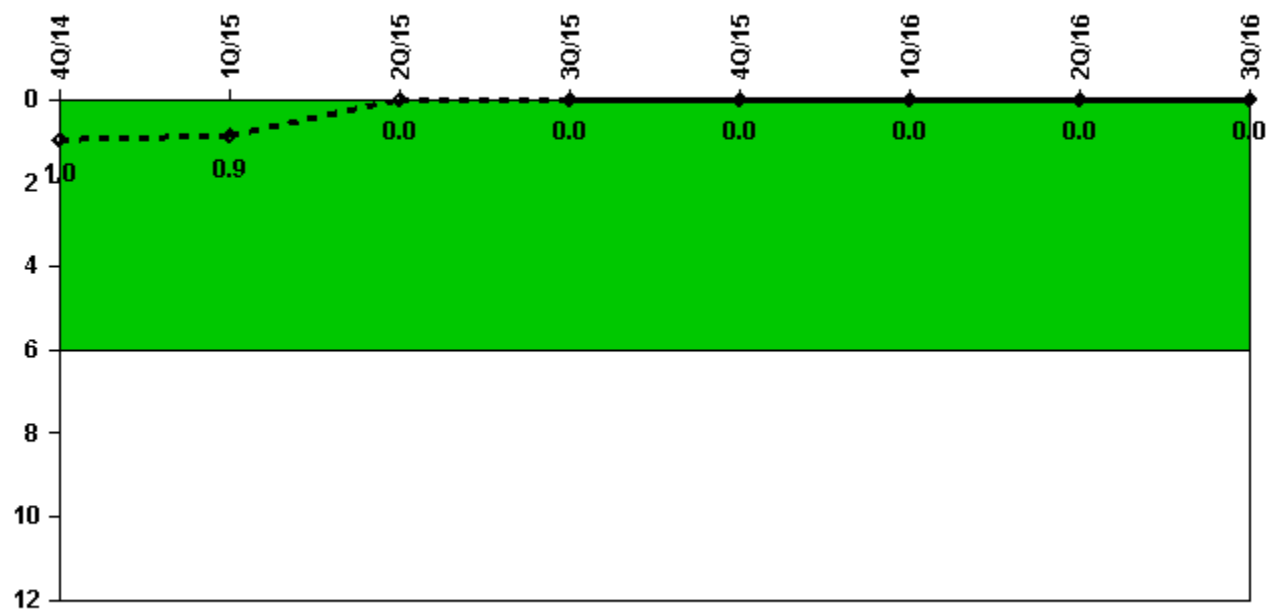
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Unplanned scrams	1.0	1.0	0	0	0	0	0	0
Critical hours	2077.3	2072.0	1964.4	1657.2	1626.2	2183.0	2184.0	2208.0
Indicator value	1.0	1.8	1.7	1.8	1.0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



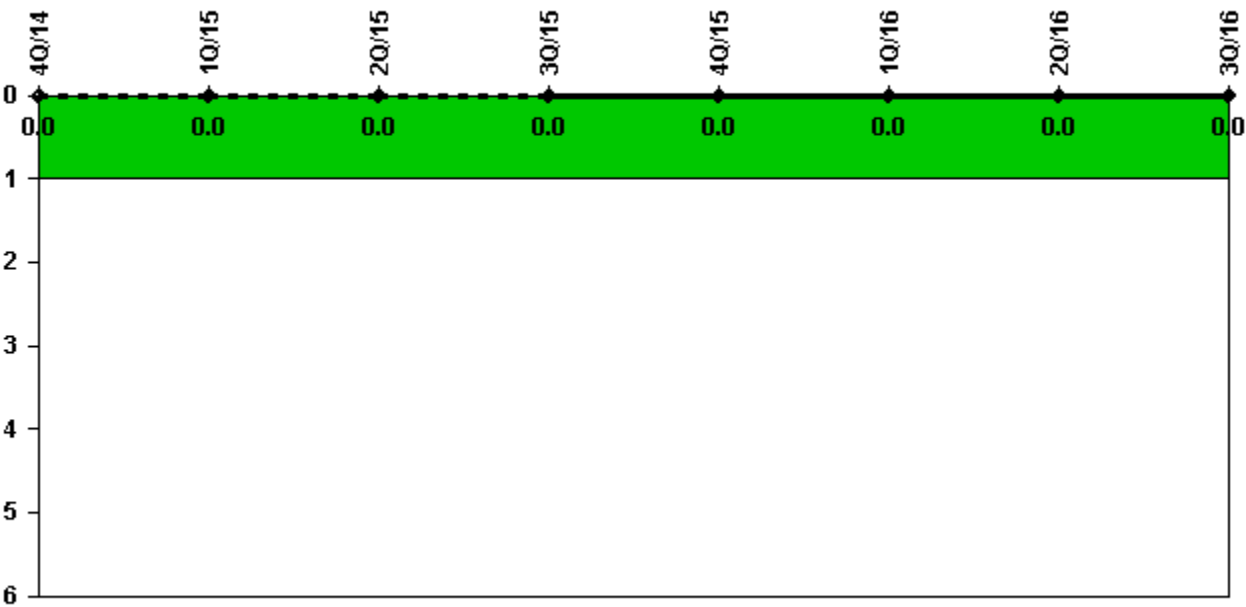
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2077.3	2072.0	1964.4	1657.2	1626.2	2183.0	2184.0	2208.0
Indicator value	1.0	0.9	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



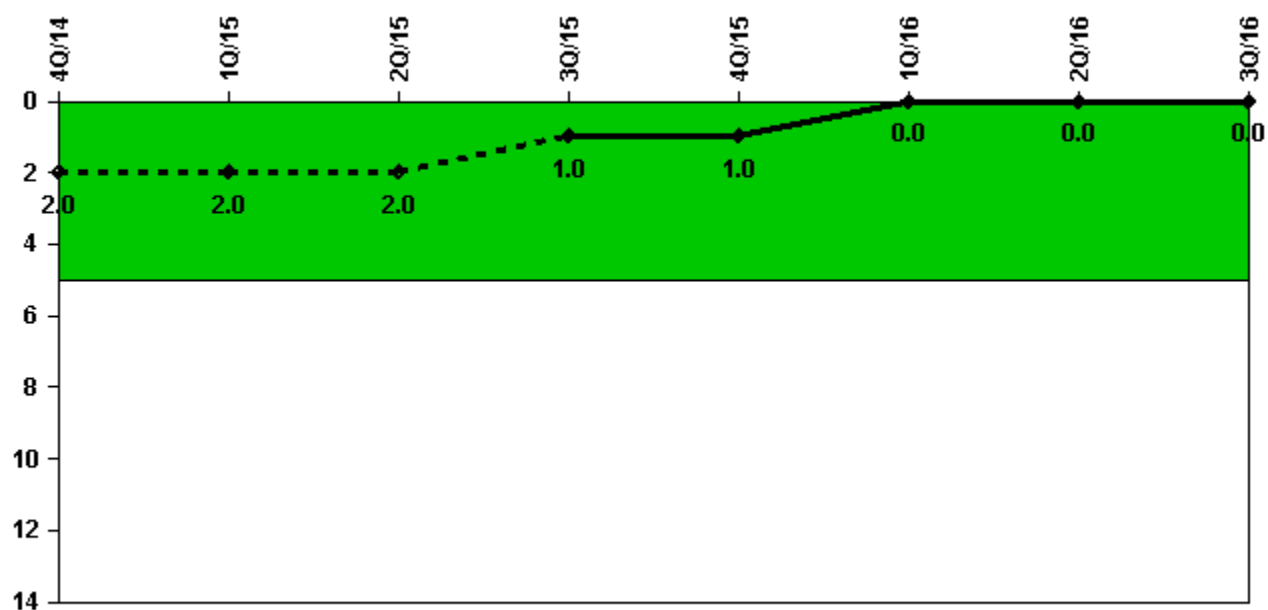
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
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 (PWR)



Thresholds: White > 5.0

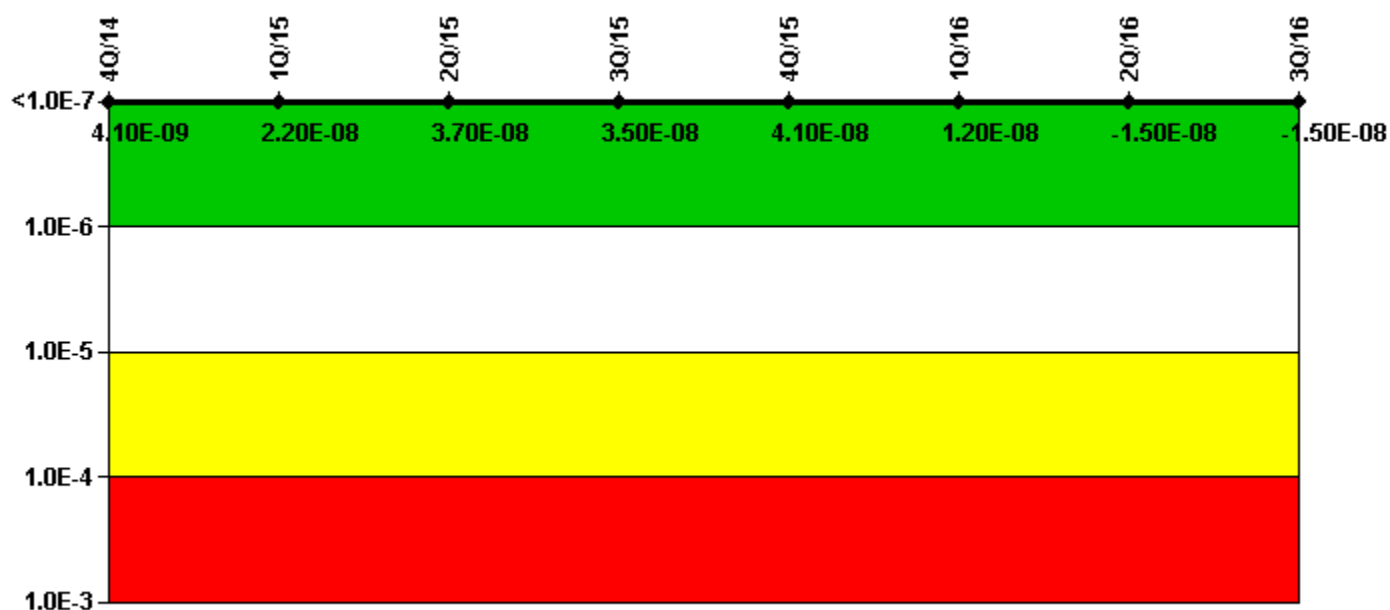
Notes

Safety System Functional Failures (PWR)	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Safety System Functional Failures	0	1	0	0	0	0	0	0
Indicator value	2	2	2	1	1	0	0	0

Licensee Comments:

1Q/15: SSFF reported in LER 50-389/2014-001-01 dated 1/30/215

Mitigating Systems Performance Index, Emergency AC Power System



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

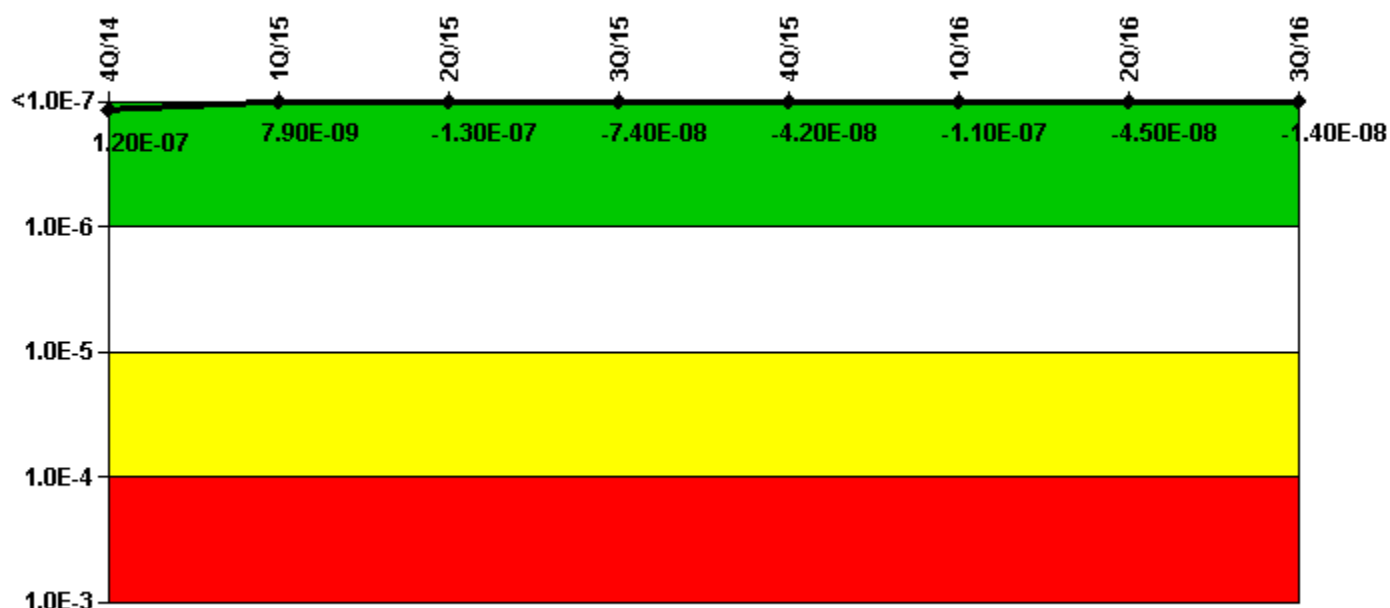
Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
UAI (Δ CDF)	2.51E-09	2.09E-08	3.54E-08	3.35E-08	3.11E-08	3.02E-08	1.52E-08	1.50E-08
URI (Δ CDF)	1.56E-09	1.56E-09	1.56E-09	1.56E-09	9.54E-09	-1.84E-08	-3.01E-08	-3.01E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.10E-09	2.20E-08	3.70E-08	3.50E-08	4.10E-08	1.20E-08	-1.50E-08	-1.50E-08

Licensee Comments:

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model

Mitigating Systems Performance Index, High Pressure Injection System



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

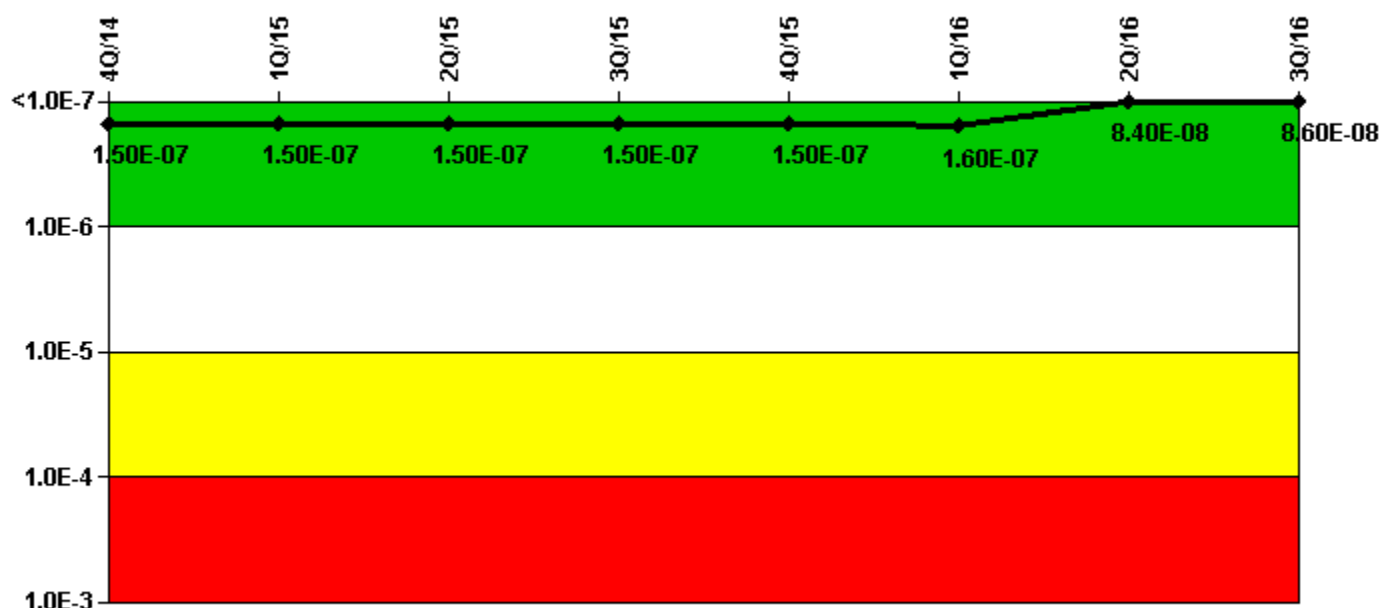
Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
UAI (Δ CDF)	4.02E-07	2.91E-07	1.53E-07	2.09E-07	2.41E-07	1.70E-07	5.41E-08	8.44E-08
URI (Δ CDF)	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07	-9.88E-08	-9.88E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.20E-07	7.90E-09	-1.30E-07	-7.40E-08	-4.20E-08	-1.10E-07	-4.50E-08	-1.40E-08

Licensee Comments:

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model

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/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
UAI (Δ CDF)	4.97E-09	5.03E-09	5.12E-09	5.50E-09	4.64E-09	9.82E-09	1.35E-08	1.53E-08
URI (Δ CDF)	1.45E-07	1.45E-07	1.46E-07	1.46E-07	1.46E-07	1.46E-07	7.10E-08	7.10E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.50E-07	1.50E-07	1.50E-07	1.50E-07	1.50E-07	1.60E-07	8.40E-08	8.60E-08

Licensee Comments:

3Q/16: MSPI URI recalculated due to revised ICES records 314625 and 316104. (AR 2162606)

2Q/16: PRA coefficients and CDF were changed due to updated PRA model MSPI URI recalculated due to revised ICES records 314625 and 316104. (AR 2162606)

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model

1Q/16: MSPI URI recalculated due to revised ICES records 314625 and 316104. (AR 2162606)

4Q/15: MSPI URI recalculated due to revised ICES records 314625 and 316104. (AR 2162606)

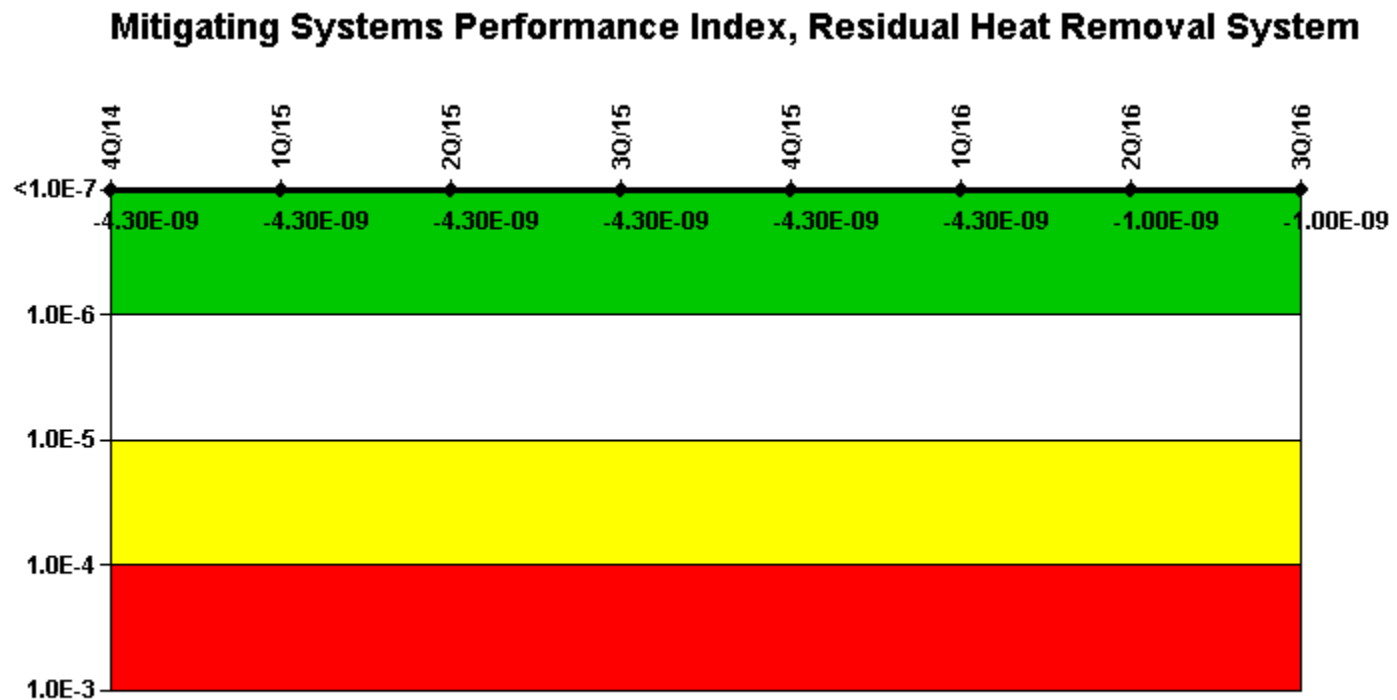
3Q/15: MSPI URI recalculated due to revised ICES records 314625 and 316104. (AR 2162606)

2Q/15: MSPI URI recalculated due to revised ICES records 314625 and 316104. (AR 2162606)

1Q/15: ICES record 316104 revised because failure was determined not to be a MSPI failure. MSPI URI

recalculated due to revised ICES records 314625 and 316104. (AR 2162606)

4Q/14: ICES Record 314625 revised because failure was determined not to be a MSPI failure. MSPI URI recalculated due to revised ICES record. (AR 2162606)



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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
UAI (Δ CDF)	-1.03E-09	-1.03E-09	-1.03E-09	-1.03E-09	-1.03E-09	-1.03E-09	-1.10E-10	-1.10E-10
URI (Δ CDF)	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09	-9.36E-10	-9.36E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-1.00E-09	-1.00E-09

Licensee Comments:

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model

Mitigating Systems Performance Index, Cooling Water Systems



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

Notes

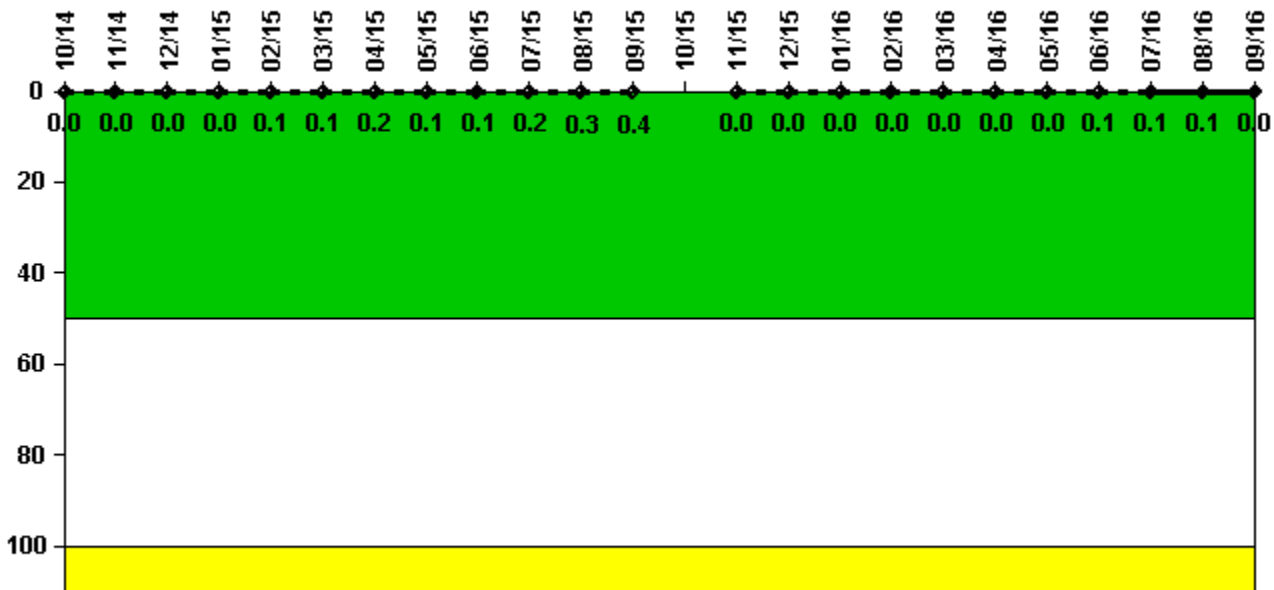
Mitigating Systems Performance Index, Cooling Water Systems	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
UAI (Δ CDF)	-6.51E-08	-6.51E-08	-6.51E-08	-6.51E-08	-6.45E-08	-6.45E-08	-4.33E-09	-4.33E-09
URI (Δ CDF)	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09	-9.63E-10	-9.63E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-7.40E-08	-7.40E-08	-7.40E-08	-7.40E-08	-7.30E-08	-7.30E-08	-5.30E-09	-5.30E-09

Licensee Comments:

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model

3Q/15: ICES OE record #319756 revised to upgrade the 2C ICW pump failure to a MSPI demand failure - change resulted in no effect on the calculated 3Q PI value.

Reactor Coolant System Activity



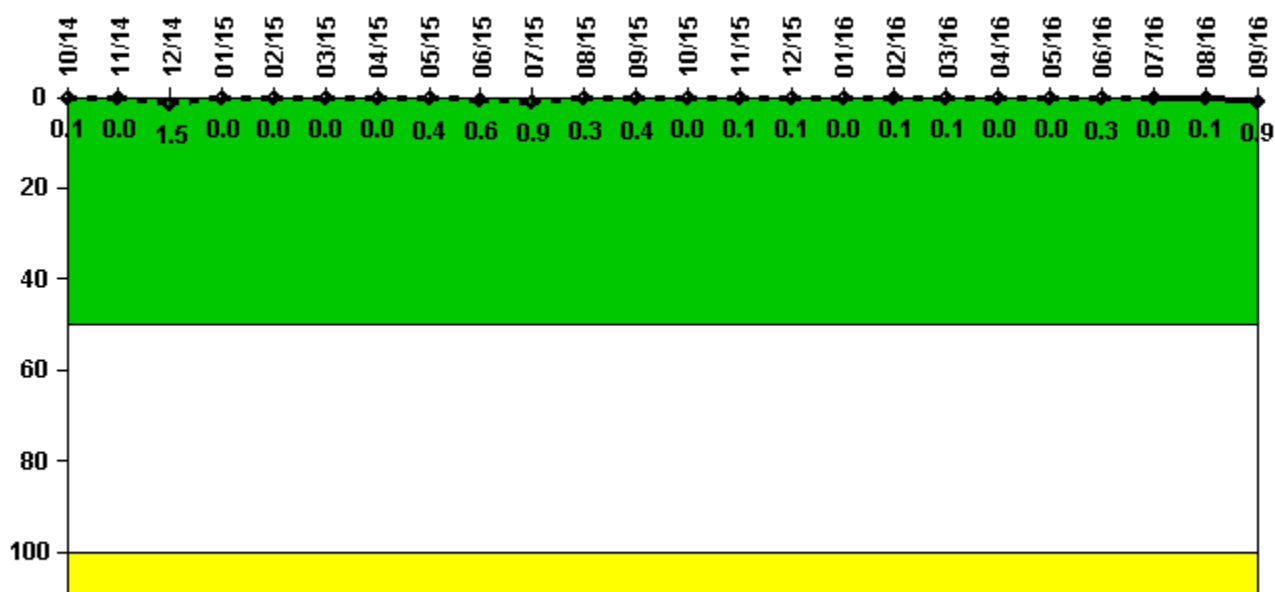
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/14	11/14	12/14	1/15	2/15	3/15	4/15	5/15	6/15	7/15	8/15	9/15
Maximum activity	0.000323	0.000382	0.000433	0.000388	0.000669	0.000900	0.001600	0.001090	0.001480	0.002130	0.002520	0.003770
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0.1	0.1	0.2	0.1	0.1	0.2	0.3	0.4
Reactor Coolant System Activity	10/15	11/15	12/15	1/16	2/16	3/16	4/16	5/16	6/16	7/16	8/16	9/16
Maximum activity	N/A	0.000269	0.000312	0.000333	0.000364	0.000382	0.000384	0.000374	0.000607	0.000680	0.000638	0.000452
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	N/A	0	0	0	0	0	0	0	0.1	0.1	0.1	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

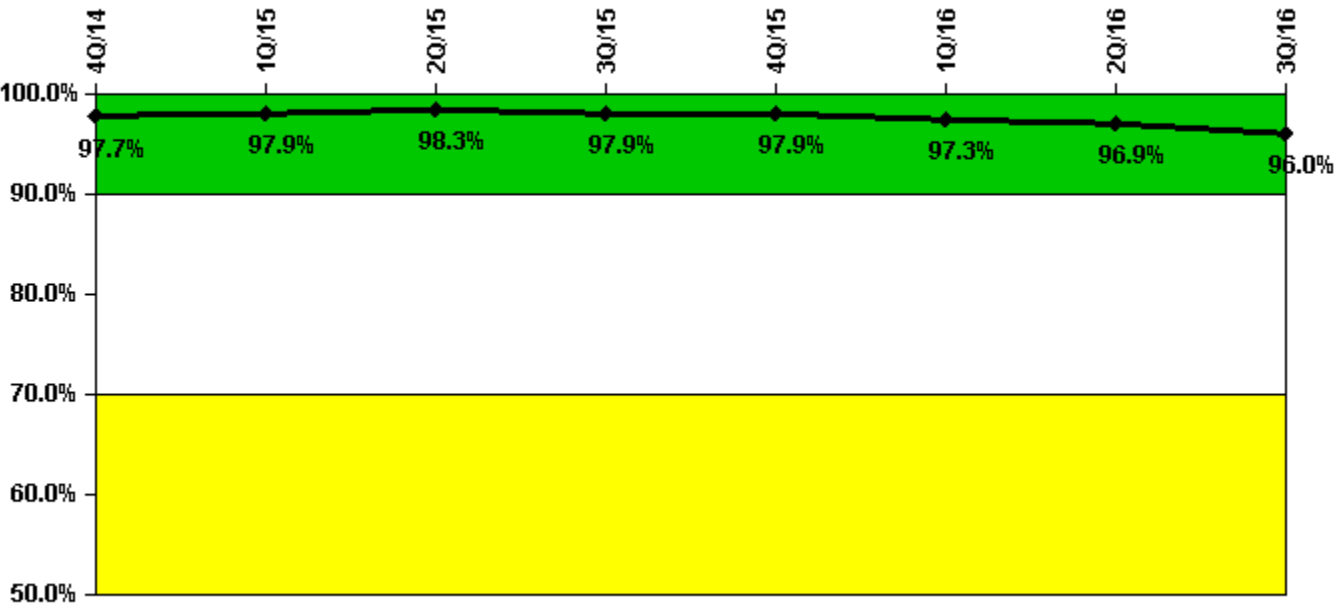
Notes

Reactor Coolant System Leakage	10/14	11/14	12/14	1/15	2/15	3/15	4/15	5/15	6/15	7/15	8/15	9/15
Maximum leakage	0.006	0.003	0.150	0	0	0.002	0	0.040	0.062	0.086	0.030	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.1	0	1.5	0	0	0	0	0.4	0.6	0.9	0.3	0.4
Reactor Coolant System Leakage	10/15	11/15	12/15	1/16	2/16	3/16	4/16	5/16	6/16	7/16	8/16	9/16
Maximum leakage	0	0.005	0.005	0.003	0.005	0.005	0	0	0.030	0.004	0.010	0.089
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0.1	0.1	0	0.1	0.1	0	0	0.3	0	0.1	0.9

Licensee Comments:

3/16: February data corrected from 0.058 to 0.005

Drill/Exercise Performance



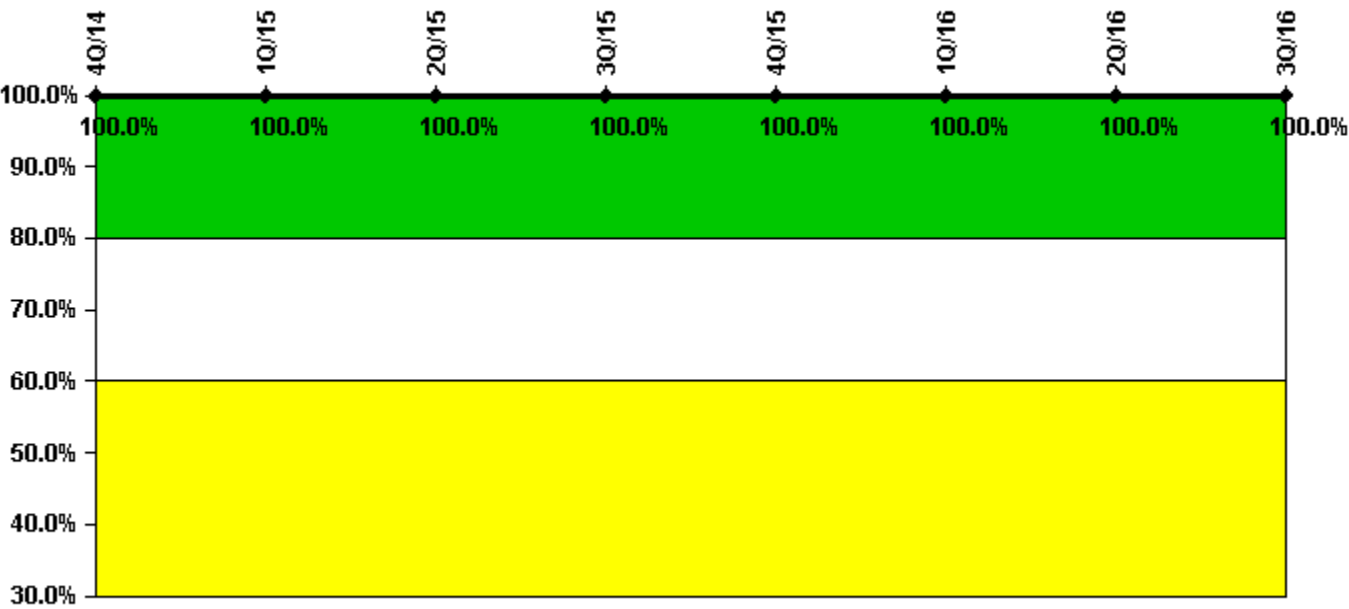
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Successful opportunities	29.0	31.0	31.0	20.0	24.0	17.0	17.0	25.0
Total opportunities	29.0	33.0	31.0	22.0	25.0	18.0	17.0	27.0
Indicator value	97.7%	97.9%	98.3%	97.9%	97.9%	97.3%	96.9%	96.0%

Licensee Comments: none

ERO Drill Participation



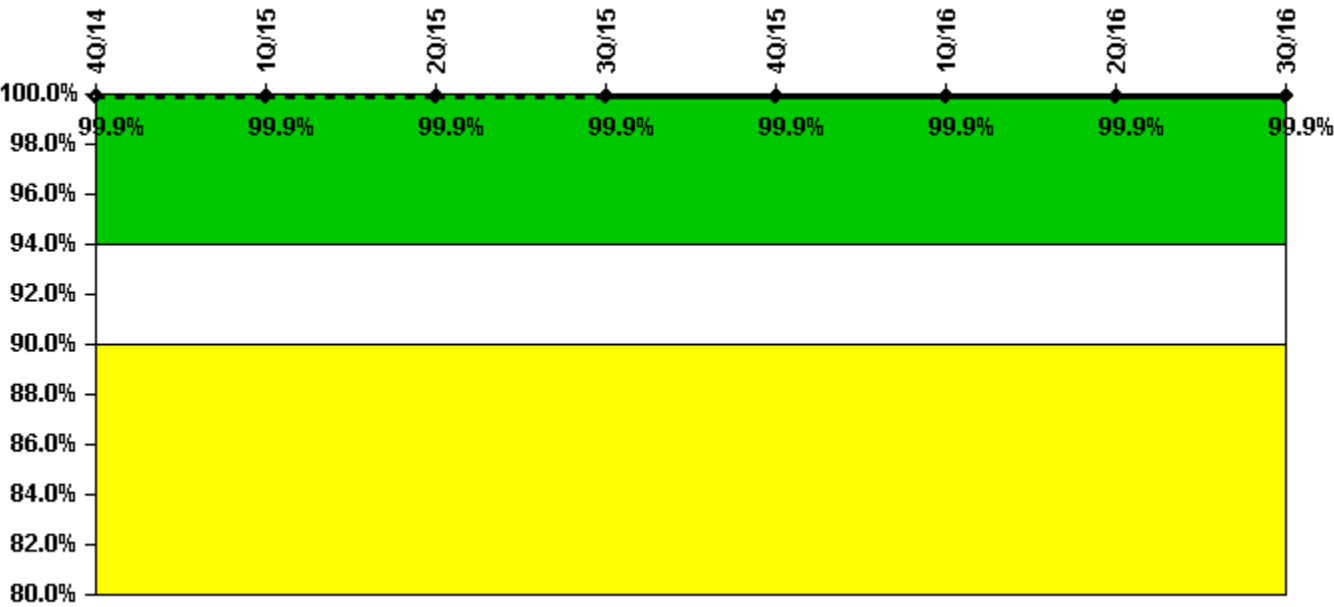
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Participating Key personnel	110.0	94.0	79.0	76.0	76.0	83.0	83.0	79.0
Total Key personnel	110.0	94.0	79.0	76.0	76.0	83.0	83.0	79.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



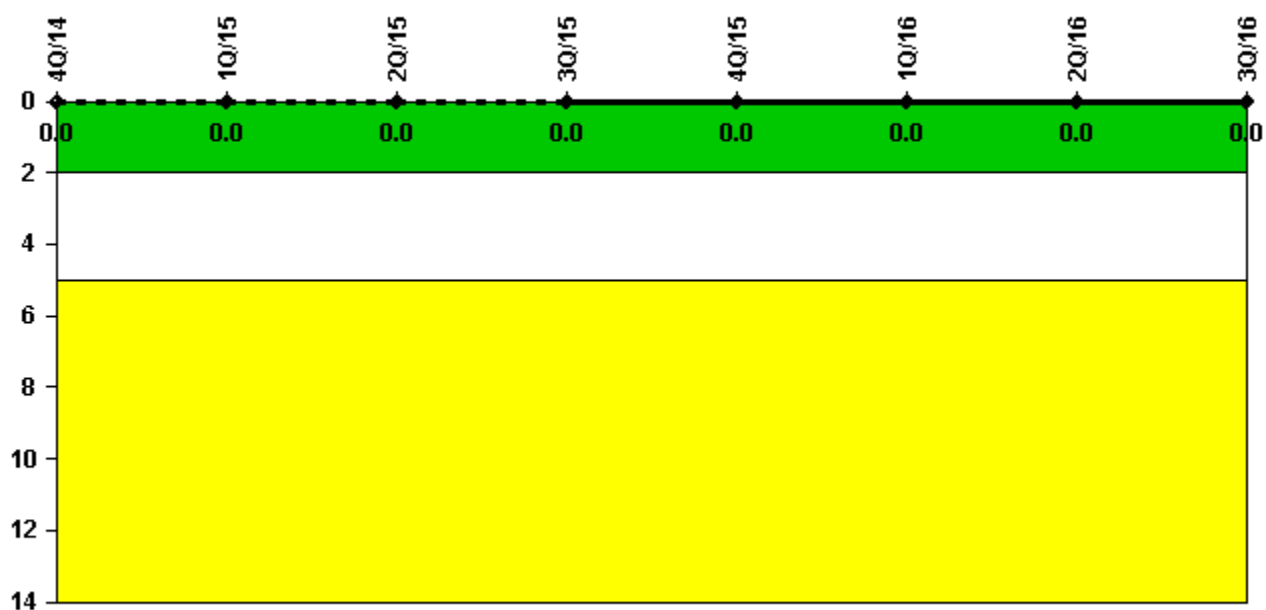
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Successful siren-tests	718	630	720	719	629	630	629	720
Total sirens-tests	720	630	720	720	630	630	630	720
Indicator value	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness

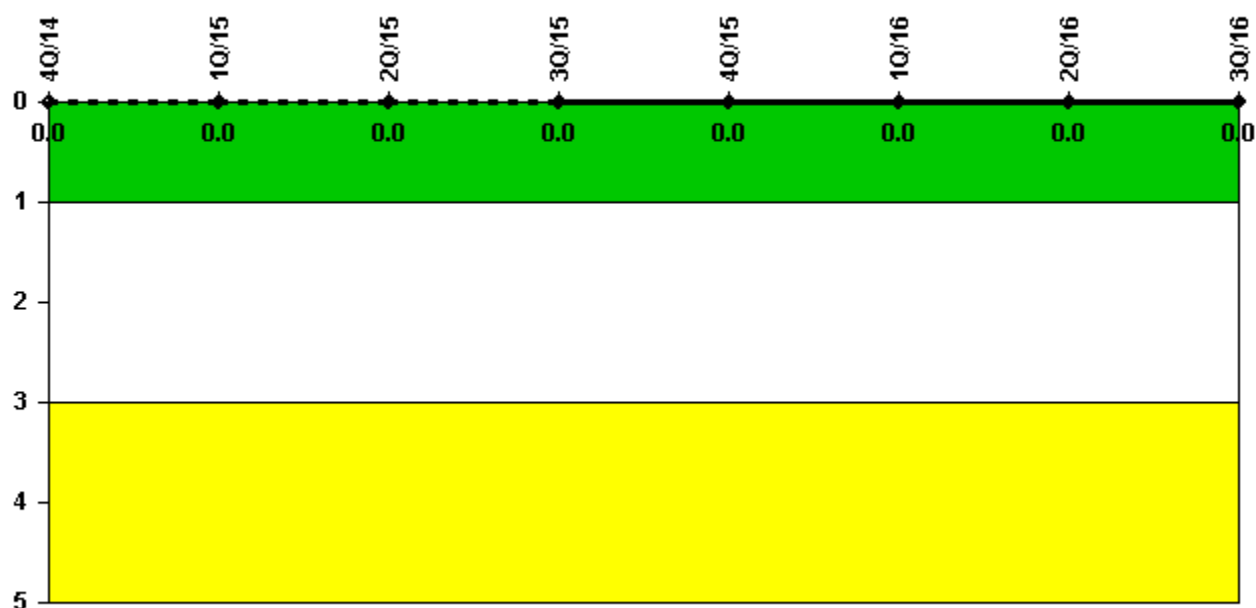


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
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/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
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 23, 2016

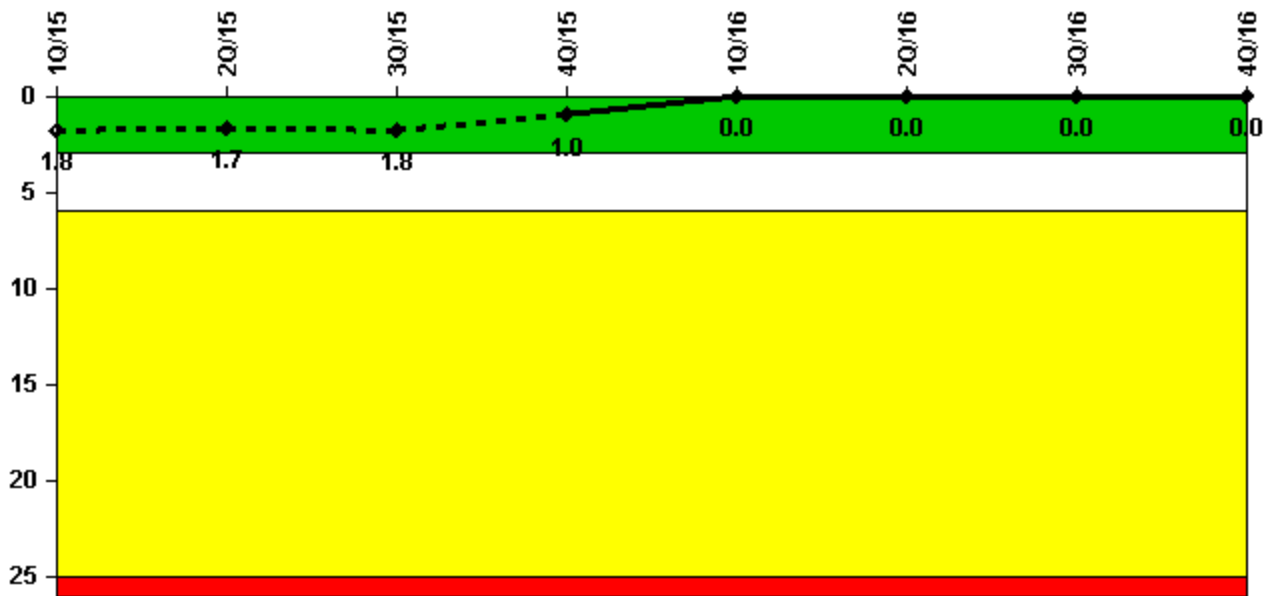
Saint Lucie 2

4Q/2016 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



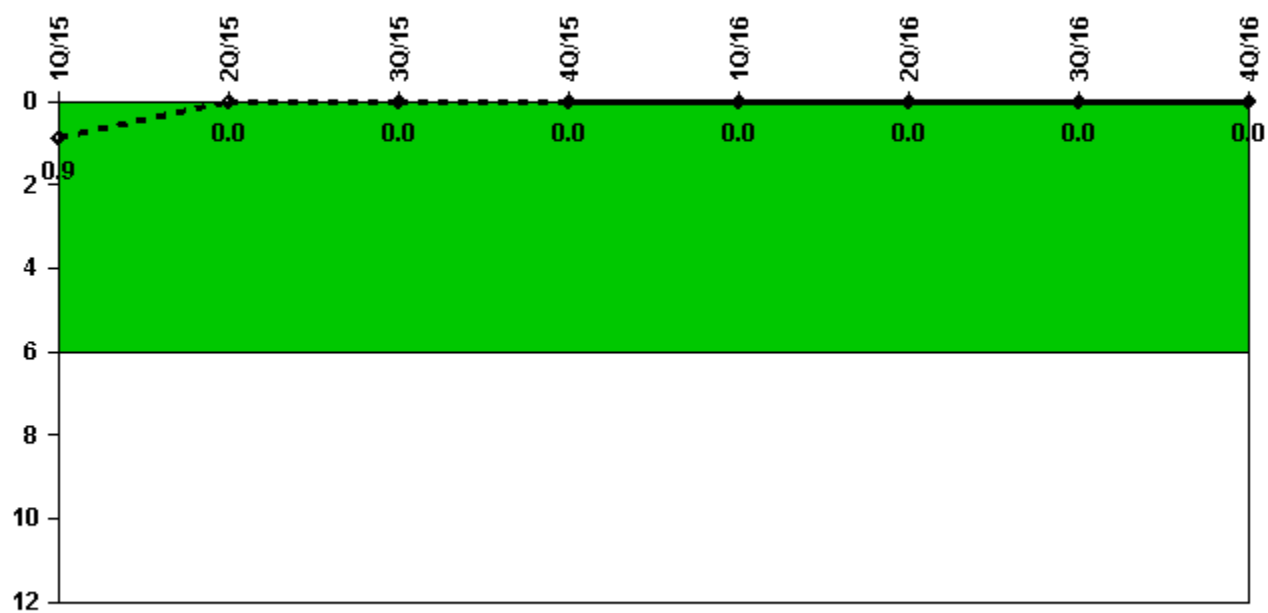
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Unplanned scrams	1.0	0	0	0	0	0	0	0
Critical hours	2072.0	1964.4	1657.2	1626.2	2183.0	2184.0	2208.0	2034.5
Indicator value	1.8	1.7	1.8	1.0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



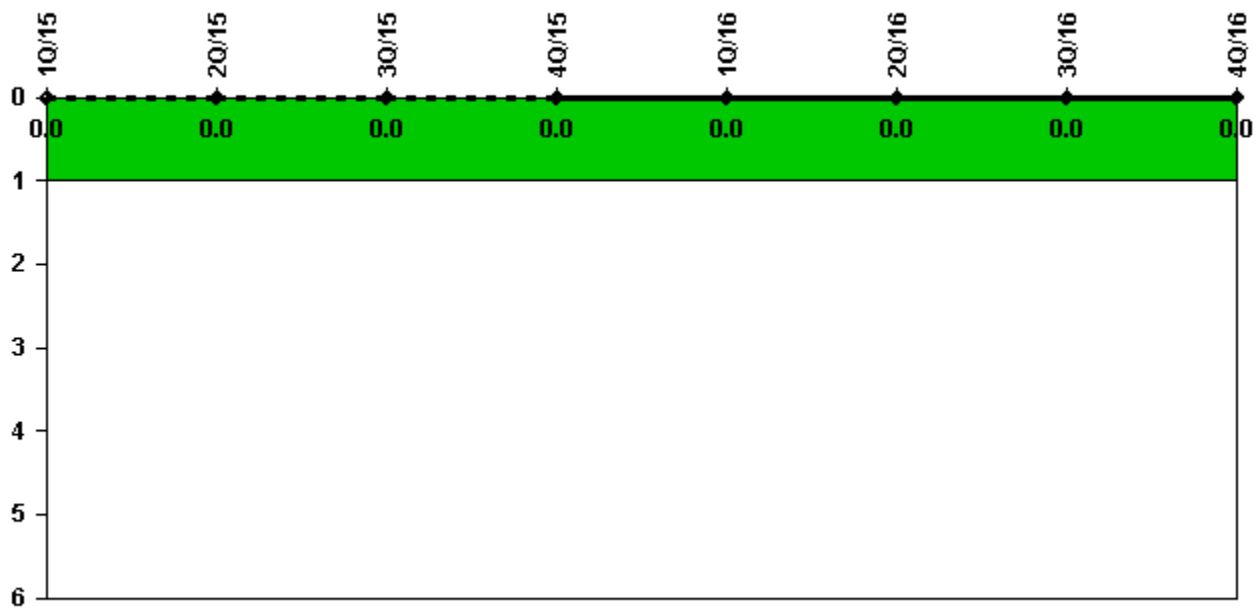
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2072.0	1964.4	1657.2	1626.2	2183.0	2184.0	2208.0	2034.5
Indicator value	0.9	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



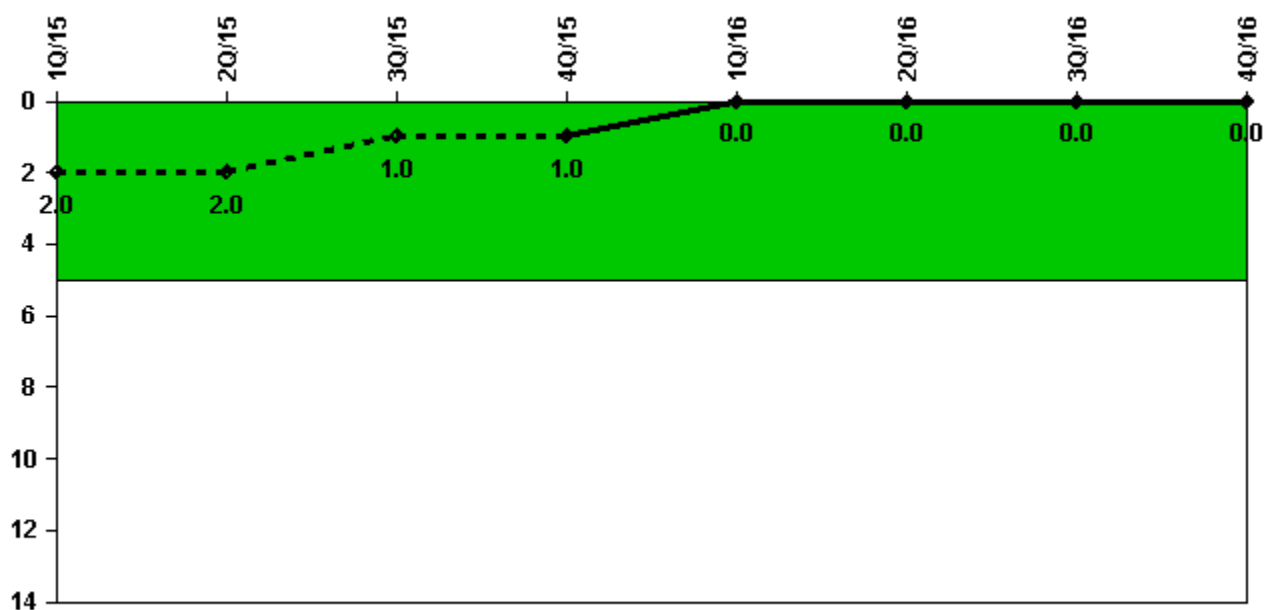
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
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 (PWR)



Thresholds: White > 5.0

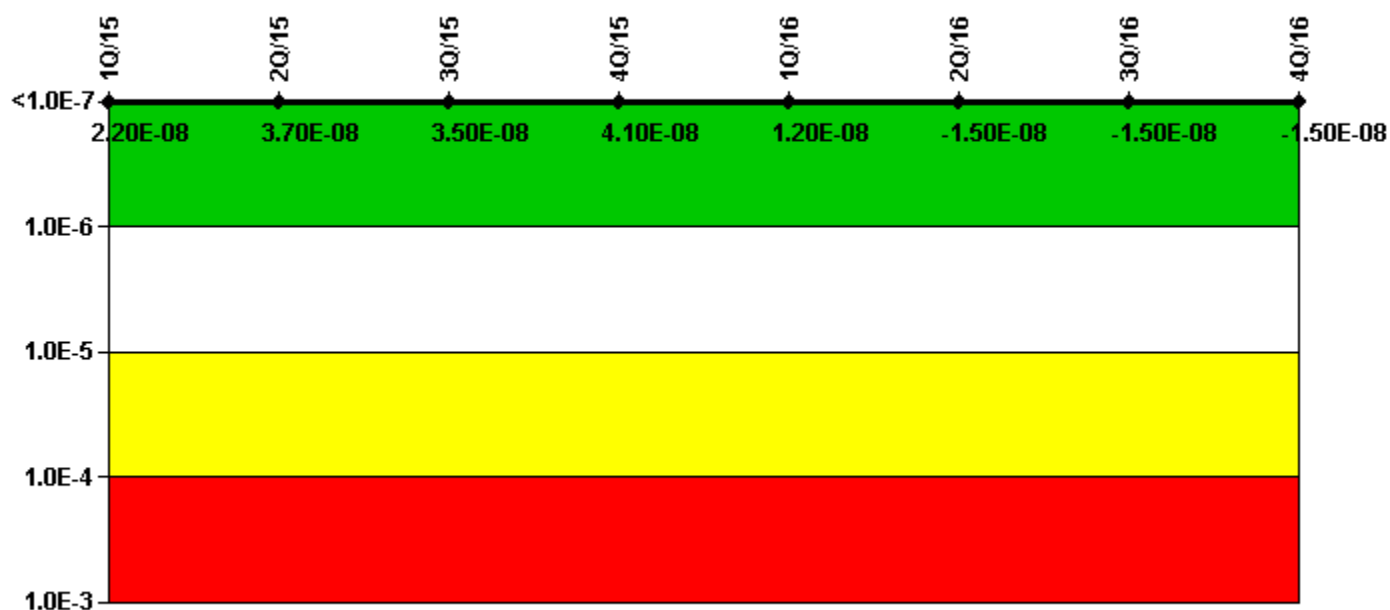
Notes

Safety System Functional Failures (PWR)	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Safety System Functional Failures	1	0	0	0	0	0	0	0
Indicator value	2	2	1	1	0	0	0	0

Licensee Comments:

1Q/15: SSFF reported in LER 50-389/2014-001-01 dated 1/30/215

Mitigating Systems Performance Index, Emergency AC Power System



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

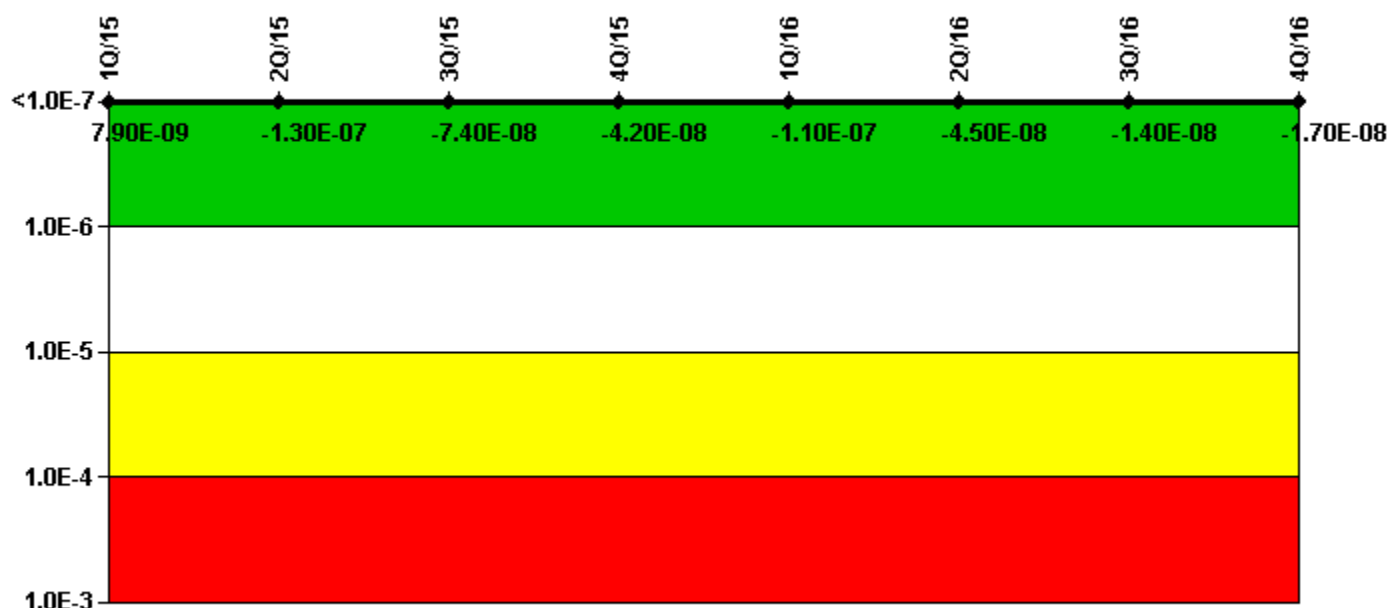
Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
UAI (Δ CDF)	2.09E-08	3.54E-08	3.35E-08	3.11E-08	3.02E-08	1.52E-08	1.50E-08	1.50E-08
URI (Δ CDF)	1.56E-09	1.56E-09	1.56E-09	9.54E-09	-1.84E-08	-3.01E-08	-3.01E-08	-3.01E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.20E-08	3.70E-08	3.50E-08	4.10E-08	1.20E-08	-1.50E-08	-1.50E-08	-1.50E-08

Licensee Comments:

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model

Mitigating Systems Performance Index, High Pressure Injection System



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

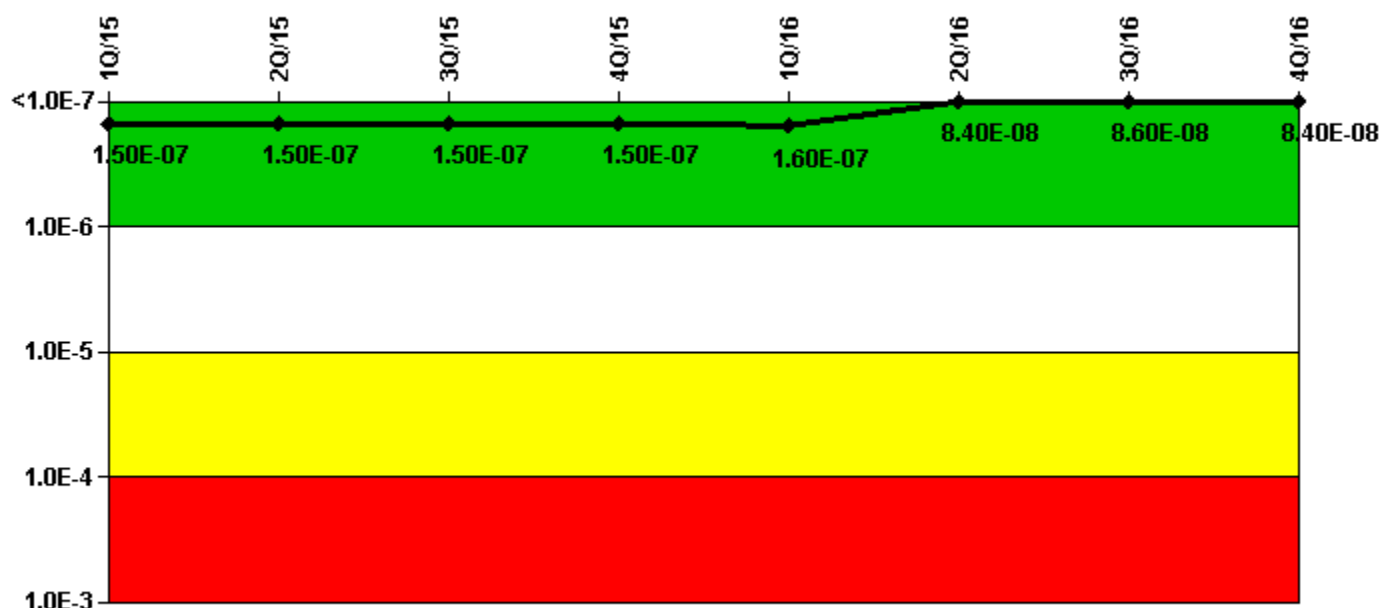
Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
UAI (Δ CDF)	2.91E-07	1.53E-07	2.09E-07	2.41E-07	1.70E-07	5.41E-08	8.44E-08	8.23E-08
URI (Δ CDF)	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07	-9.88E-08	-9.88E-08	-9.88E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	7.90E-09	-1.30E-07	-7.40E-08	-4.20E-08	-1.10E-07	-4.50E-08	-1.40E-08	-1.70E-08

Licensee Comments:

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model

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/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
UAI (Δ CDF)	5.03E-09	5.12E-09	5.50E-09	4.64E-09	9.82E-09	1.35E-08	1.53E-08	1.53E-08
URI (Δ CDF)	1.45E-07	1.46E-07	1.46E-07	1.46E-07	1.46E-07	7.10E-08	7.10E-08	6.89E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.50E-07	1.50E-07	1.50E-07	1.50E-07	1.60E-07	8.40E-08	8.60E-08	8.40E-08

Licensee Comments:

3Q/16: MSPI URI recalculated due to revised ICES records 314625 and 316104. (AR 2162606)

2Q/16: PRA coefficients and CDF were changed due to updated PRA model MSPI URI recalculated due to revised ICES records 314625 and 316104. (AR 2162606)

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model

1Q/16: MSPI URI recalculated due to revised ICES records 314625 and 316104. (AR 2162606)

4Q/15: MSPI URI recalculated due to revised ICES records 314625 and 316104. (AR 2162606)

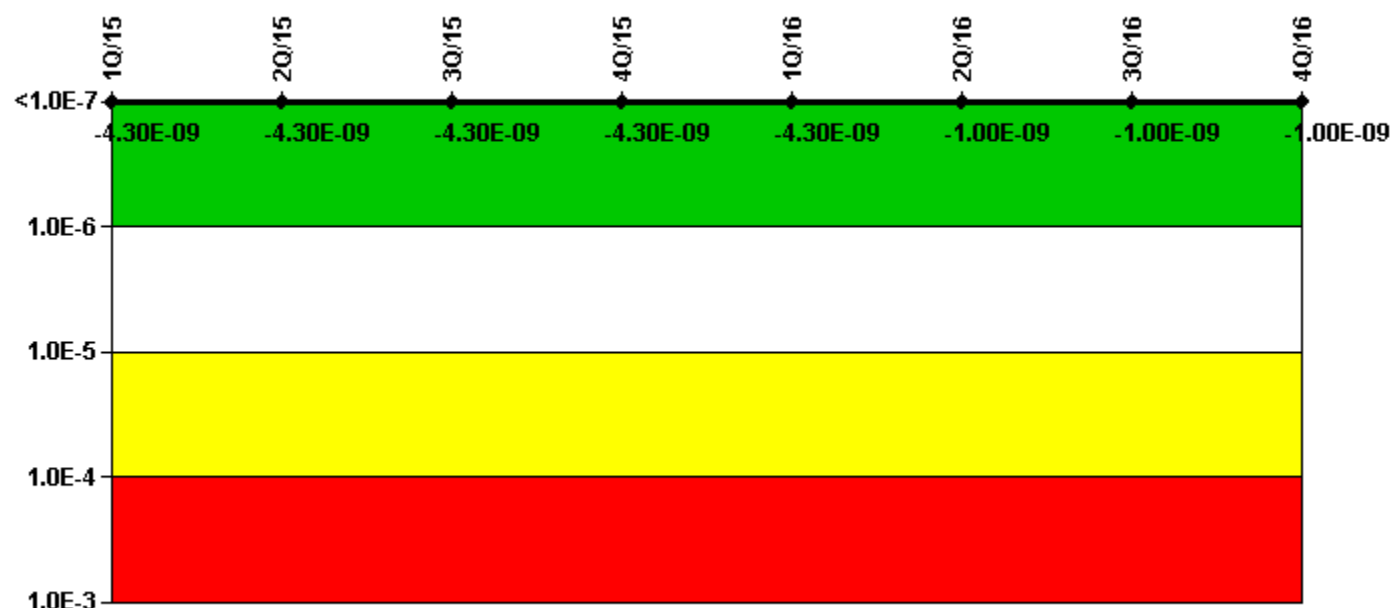
3Q/15: MSPI URI recalculated due to revised ICES records 314625 and 316104. (AR 2162606)

2Q/15: MSPI URI recalculated due to revised ICES records 314625 and 316104. (AR 2162606)

1Q/15: ICES record 316104 revised because failure was determined not to be a MSPI failure. MSPI URI

recalculated due to revised ICES records 314625 and 316104. (AR 2162606)

Mitigating Systems Performance Index, Residual Heat Removal System



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

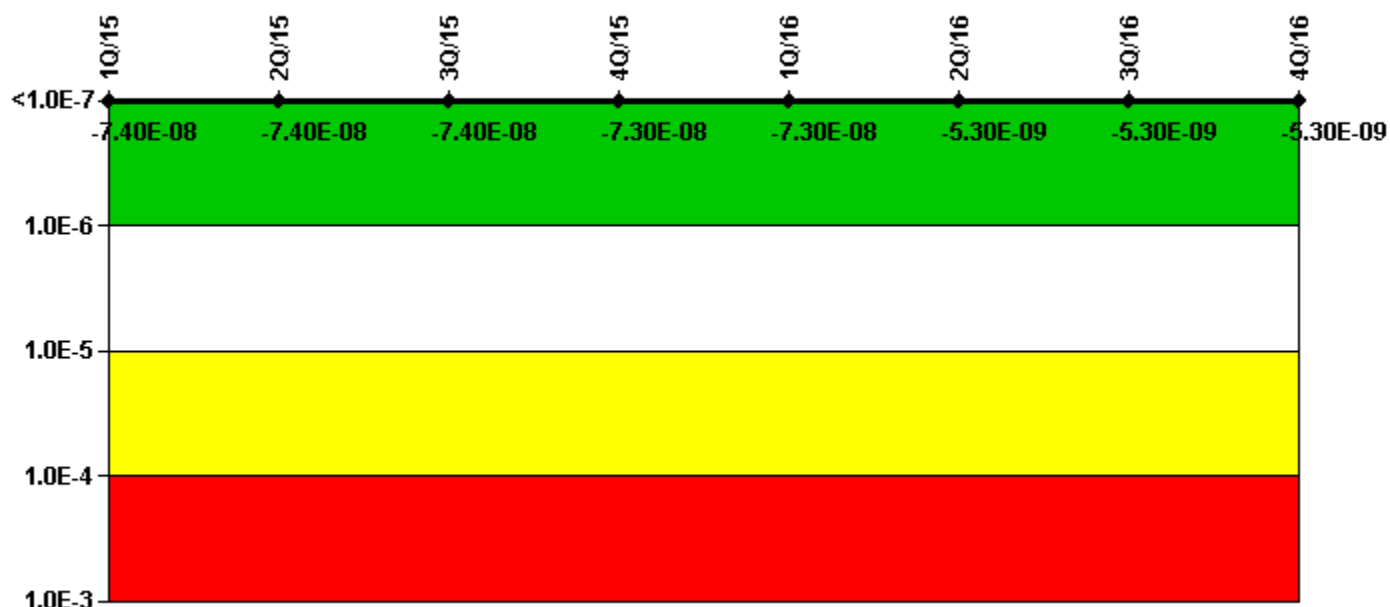
Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
UAI (Δ CDF)	-1.03E-09	-1.03E-09	-1.03E-09	-1.03E-09	-1.03E-09	-1.10E-10	-1.10E-10	-1.10E-10
URI (Δ CDF)	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09	-9.36E-10	-9.36E-10	-9.36E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-1.00E-09	-1.00E-09	-1.00E-09

Licensee Comments:

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model

Mitigating Systems Performance Index, Cooling Water Systems



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

Notes

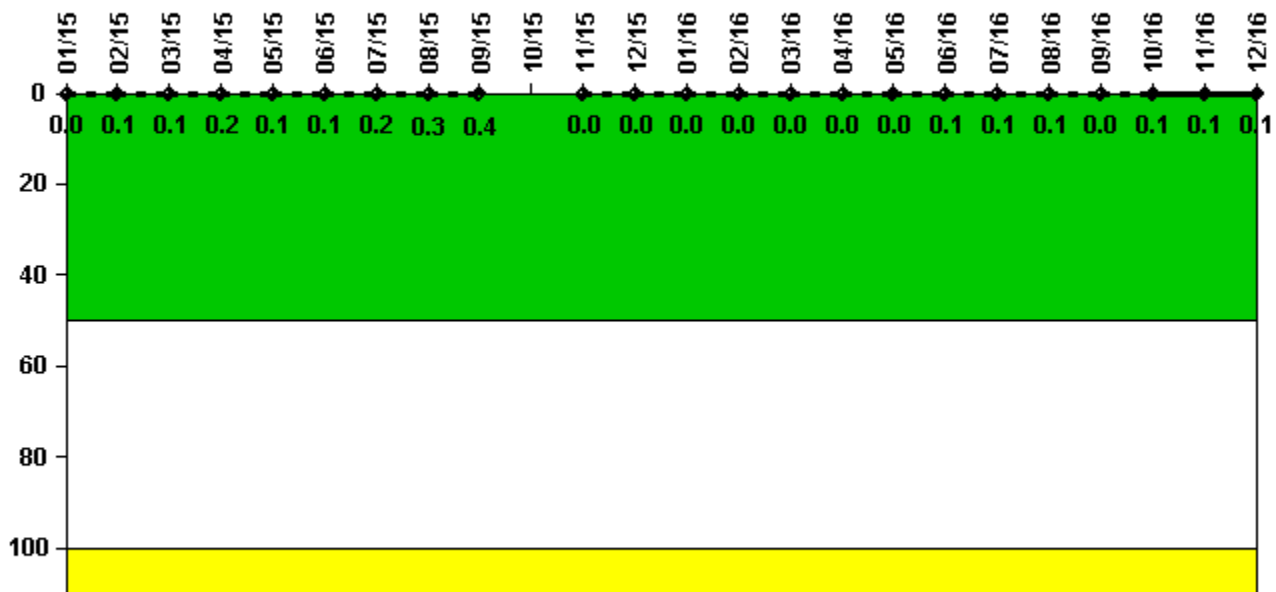
Mitigating Systems Performance Index, Cooling Water Systems	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
UAI (Δ CDF)	-6.51E-08	-6.51E-08	-6.51E-08	-6.45E-08	-6.45E-08	-4.33E-09	-4.33E-09	-4.33E-09
URI (Δ CDF)	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09	-9.63E-10	-9.63E-10	-9.63E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-7.40E-08	-7.40E-08	-7.40E-08	-7.30E-08	-7.30E-08	-5.30E-09	-5.30E-09	-5.30E-09

Licensee Comments:

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model

3Q/15: ICES OE record #319756 revised to upgrade the 2C ICW pump failure to a MSPI demand failure - change resulted in no effect on the calculated 3Q PI value.

Reactor Coolant System Activity



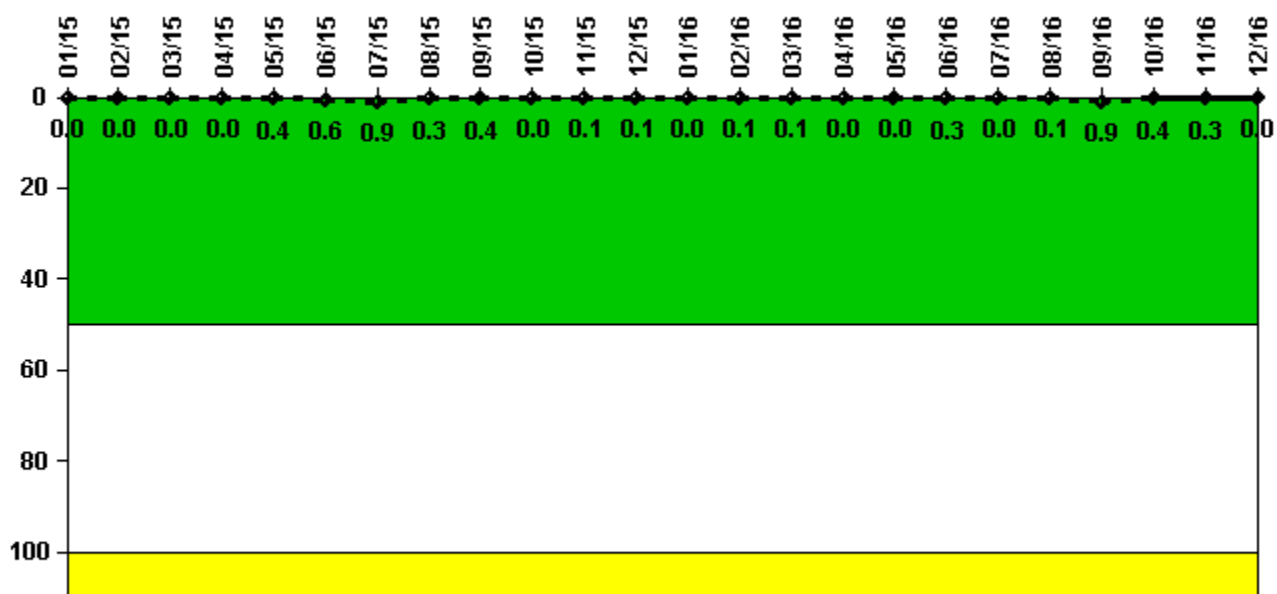
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/15	2/15	3/15	4/15	5/15	6/15	7/15	8/15	9/15	10/15	11/15	12/15
Maximum activity	0.000388	0.000669	0.000900	0.001600	0.001090	0.001480	0.002130	0.002520	0.003770	N/A	0.000269	0.000312
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0.1	0.1	0.2	0.1	0.1	0.2	0.3	0.4	N/A	0	0
Reactor Coolant System Activity	1/16	2/16	3/16	4/16	5/16	6/16	7/16	8/16	9/16	10/16	11/16	12/16
Maximum activity	0.000333	0.000364	0.000382	0.000384	0.000374	0.000607	0.000680	0.000638	0.000452	0.000774	0.000512	0.000581
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0.1	0.1	0.1	0	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

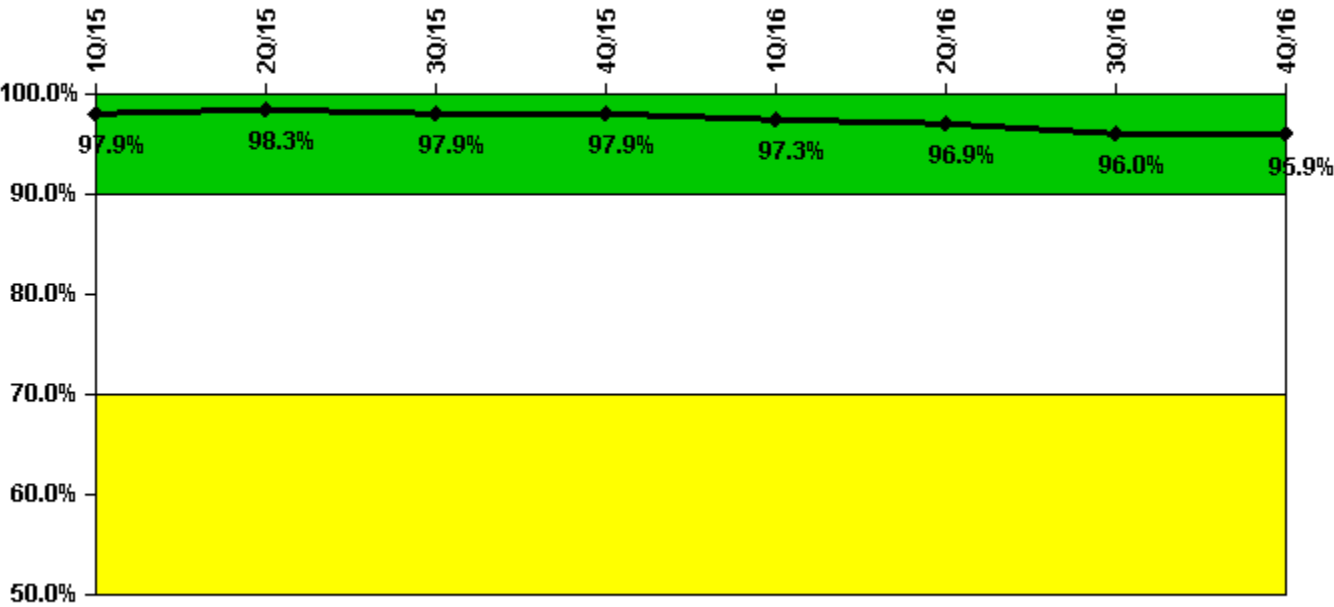
Notes

Reactor Coolant System Leakage	1/15	2/15	3/15	4/15	5/15	6/15	7/15	8/15	9/15	10/15	11/15	12/15
Maximum leakage	0	0	0.002	0	0.040	0.062	0.086	0.030	0.040	0	0.005	0.005
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0	0	0	0.4	0.6	0.9	0.3	0.4	0	0.1	0.1
Reactor Coolant System Leakage	1/16	2/16	3/16	4/16	5/16	6/16	7/16	8/16	9/16	10/16	11/16	12/16
Maximum leakage	0.003	0.005	0.005	0	0	0.030	0.004	0.010	0.089	0.042	0.030	0.003
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0.1	0.1	0	0	0.3	0	0.1	0.9	0.4	0.3	0

Licensee Comments:

3/16: February data corrected from 0.058 to 0.005

Drill/Exercise Performance



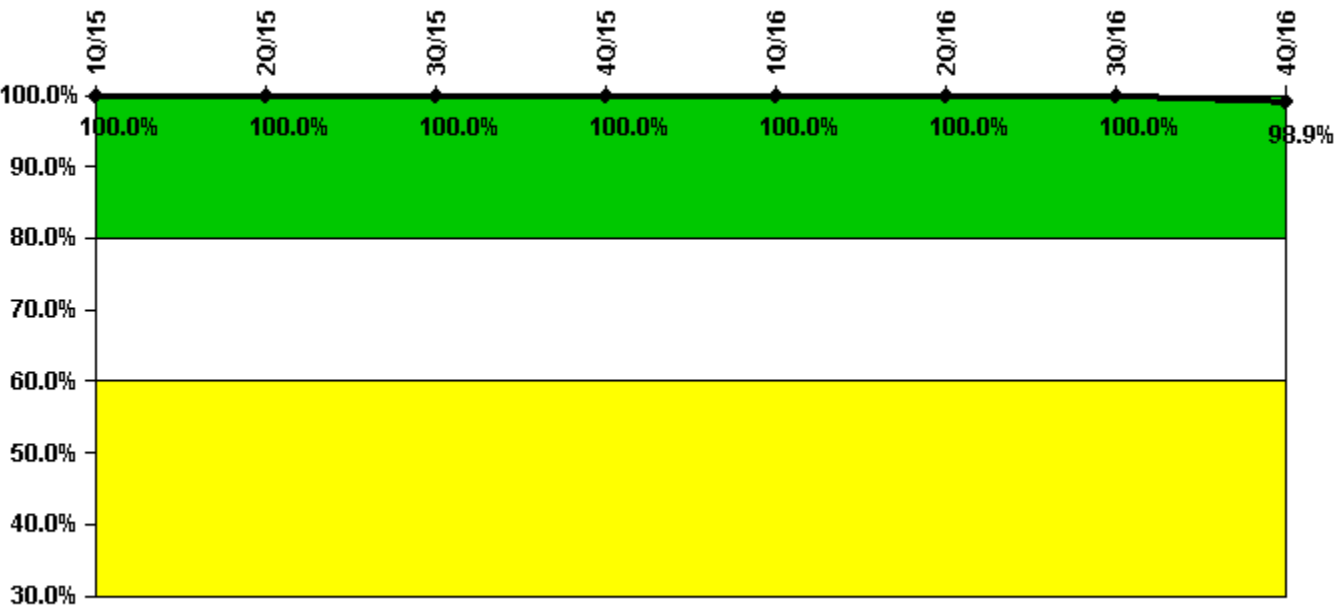
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Successful opportunities	31.0	31.0	20.0	24.0	17.0	17.0	25.0	24.0
Total opportunities	33.0	31.0	22.0	25.0	18.0	17.0	27.0	24.0
Indicator value	97.9%	98.3%	97.9%	97.9%	97.3%	96.9%	96.0%	95.9%

Licensee Comments: none

ERO Drill Participation



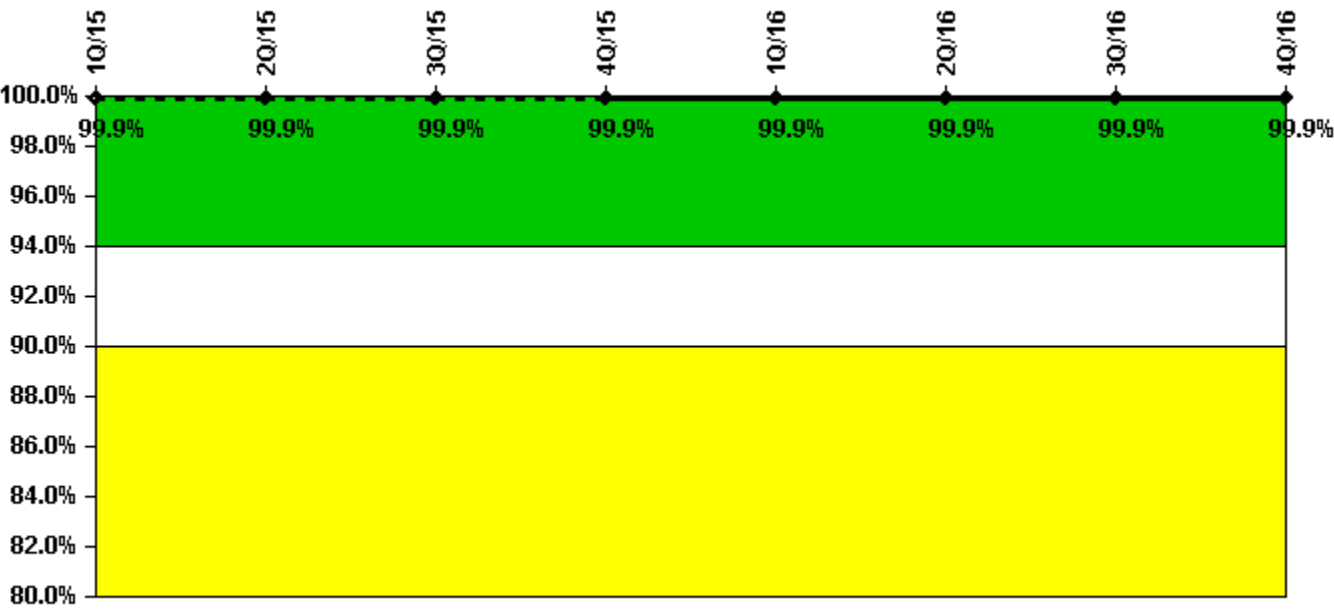
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Participating Key personnel	94.0	79.0	76.0	76.0	83.0	83.0	79.0	86.0
Total Key personnel	94.0	79.0	76.0	76.0	83.0	83.0	79.0	87.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	98.9%

Licensee Comments: none

Alert & Notification System



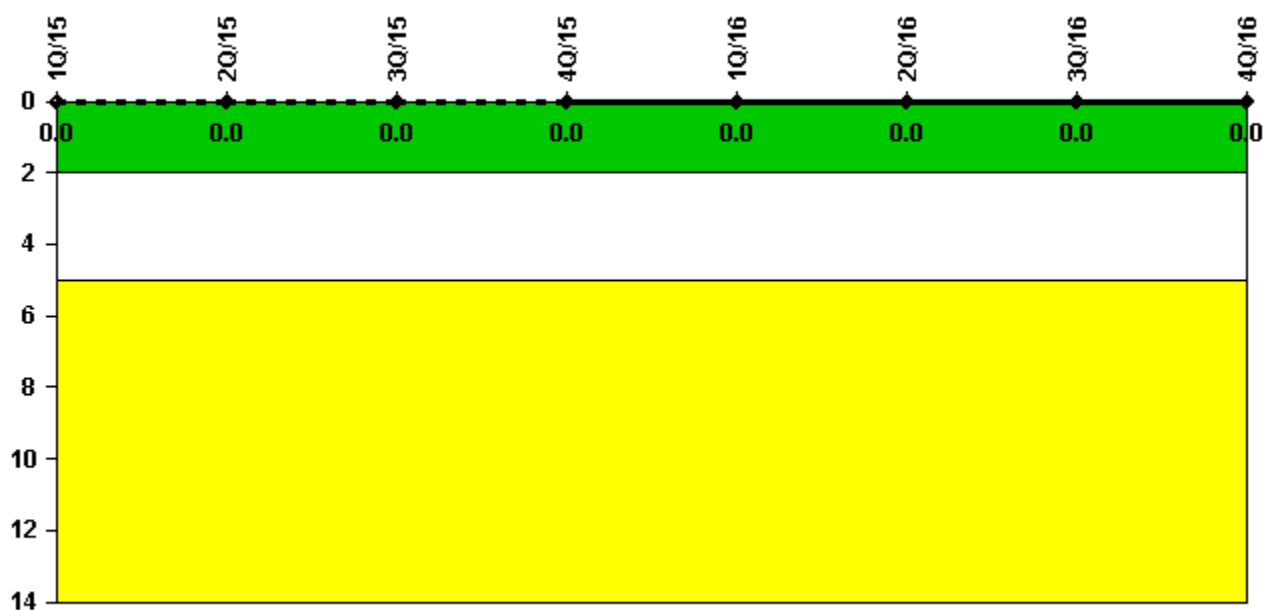
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Successful siren-tests	630	720	719	629	630	629	720	629
Total sirens-tests	630	720	720	630	630	630	720	630
Indicator value	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness

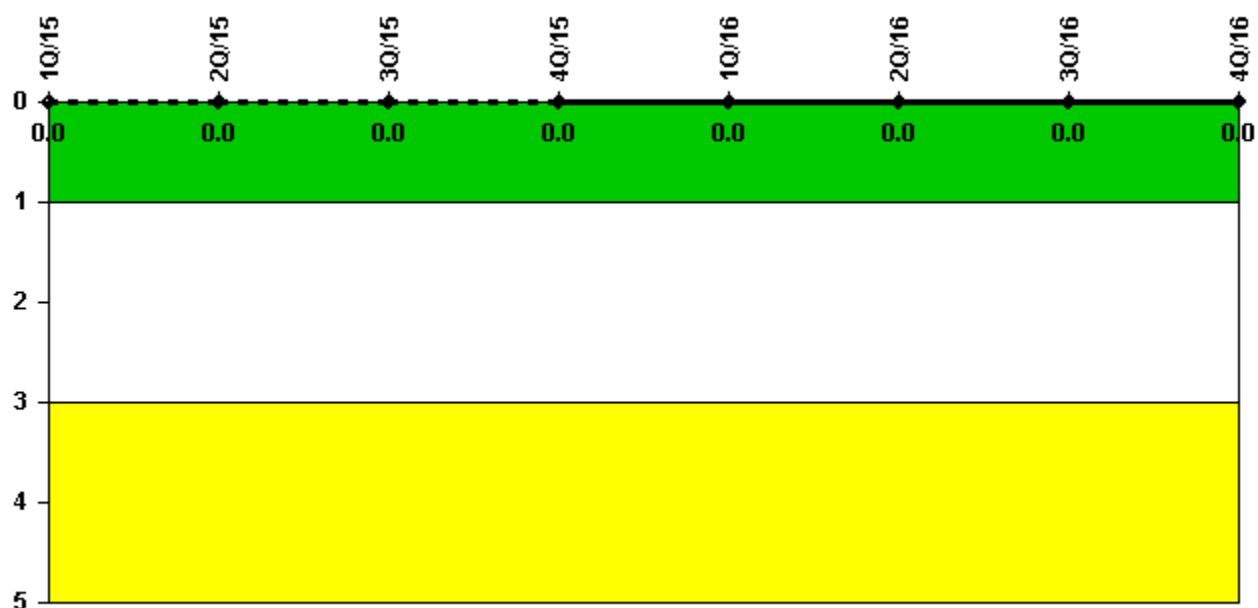


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
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	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
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 24, 2017



Home > Nuclear Reactors > Operating Reactors > Reactor Oversight Process > Plant Summaries> Saint Lucie 2 > Quarterly Performance Indicators

Saint Lucie 2 – Quarterly Performance Indicators

1Q/2017 Performance Indicators

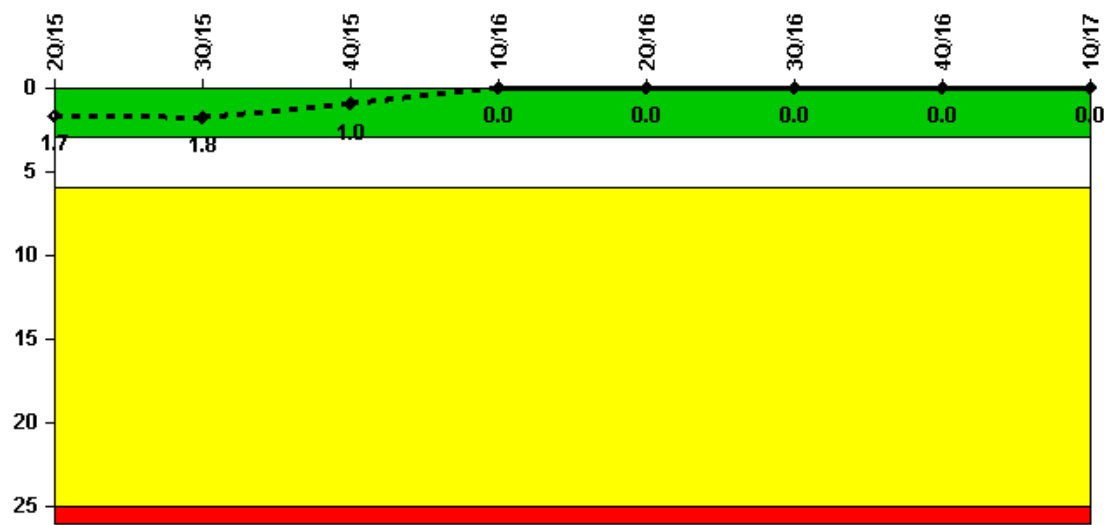
The solid trend line represents the current reporting period.

Licensee's General Comments: none

On this page:

- Unplanned Scrams (IE01)
- Unplanned Power Changes per 7000 Critical Hours (IE03)
- Unplanned Scrams with Complications (IE04)
- Safety System Functional Failures (MS05)
- Emergency AC Power Systems (MS06)
- High Pressure Injection Systems (MS07)
- Heat Removal Systems (MS08)
- Residual Heat Removal Systems (MS09)
- Cooling Water Systems (MS10)
- Reactor Coolant System Activity (BI01)
- Reactor Coolant System Leakage (BI02)
- Drill/Exercise Performance (EP01)
- Emergency Response Organization Drill Participation (EP02)
- Alert and Notification System Reliability (EP03)
- Occupational Exposure Control Effectiveness (OR01)
- RETS/OCDE Radiological Effluent Occurrence (PR01)
- Protected Area Equipment (PP01)

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

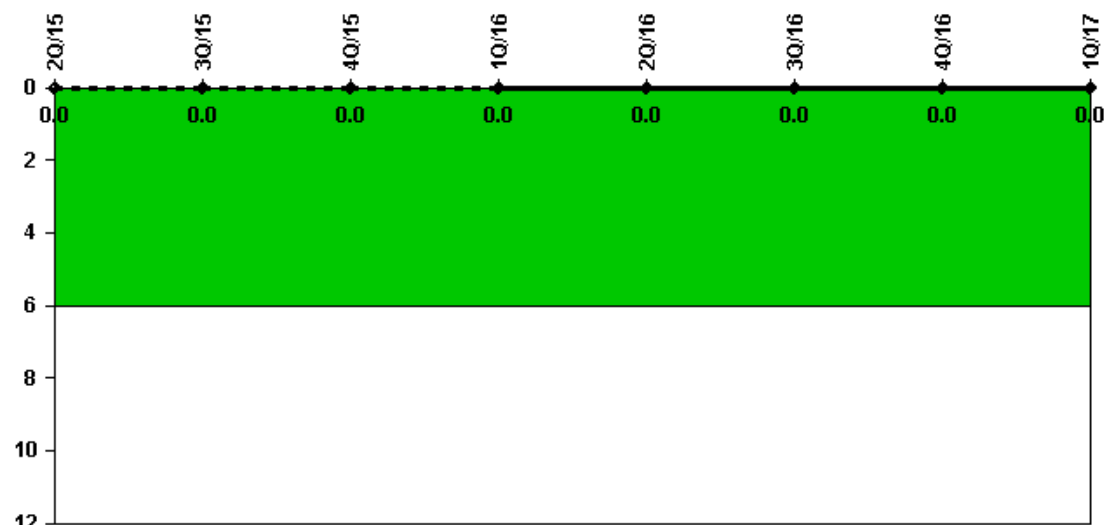
Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	1964.4	1657.2	1626.2	2183.0	2184.0	2208.0	2034.5	1395.9
Indicator value	1.7	1.8	1.0	0	0	0	0	0

TOP

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

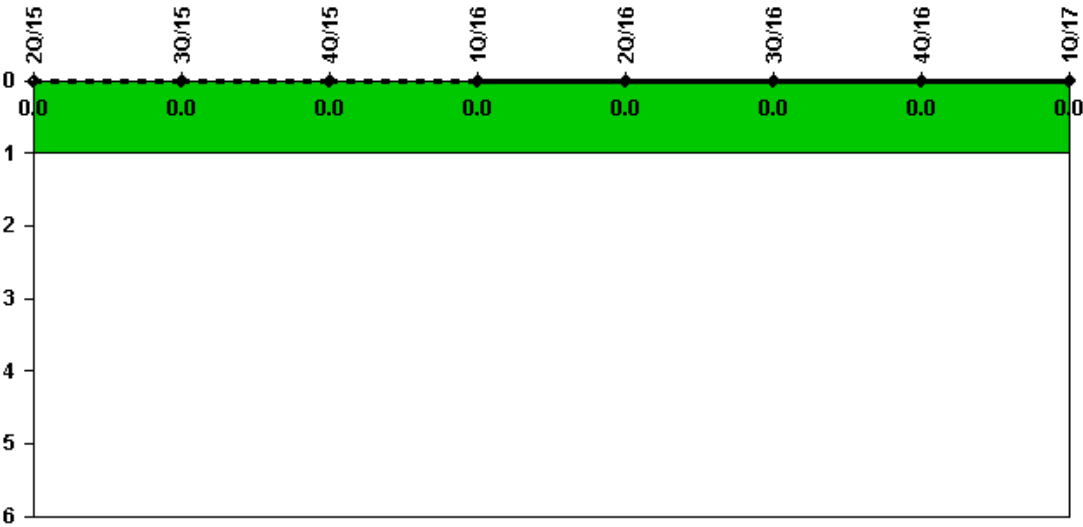
Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	1964.4	1657.2	1626.2	2183.0	2184.0	2208.0	2034.5	1395.9
Indicator value	0	0	0	0	0	0	0	0

TOP

Licensee Comments: none

Unplanned Scrams with Complications



Thresholds: White > 1.0

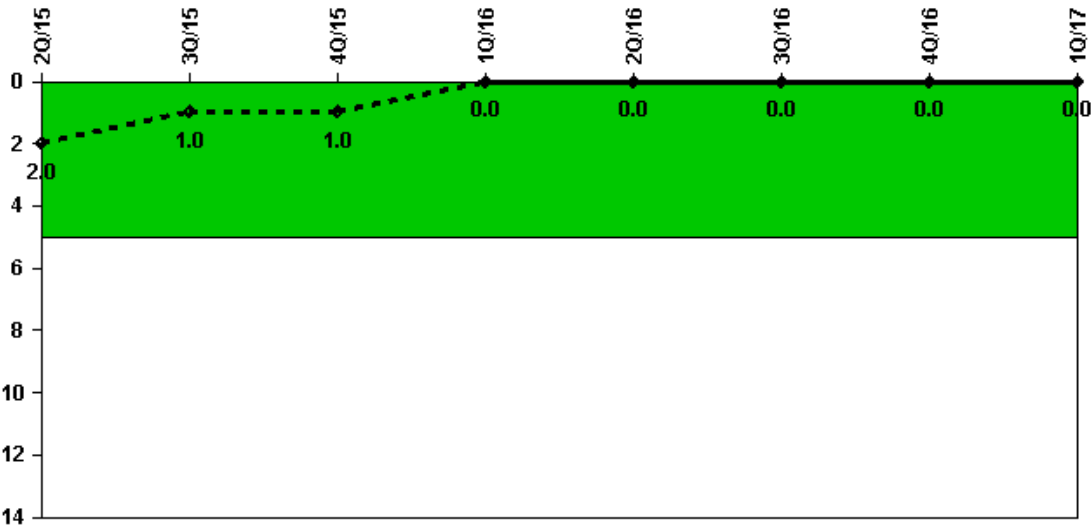
Notes

Unplanned Scrams with Complications	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
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

TOP

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

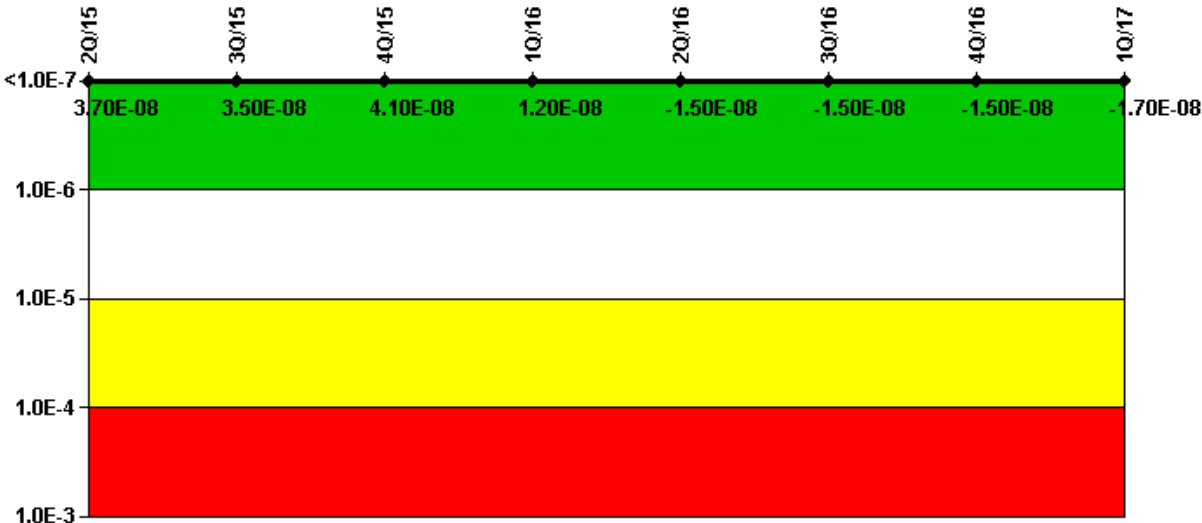
Safety System Functional Failures (PWR)	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Safety System Functional Failures	2	1	1	0	0	0	0	0

Indicator value 2 1 1 0 0 0 0 0

TOP

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

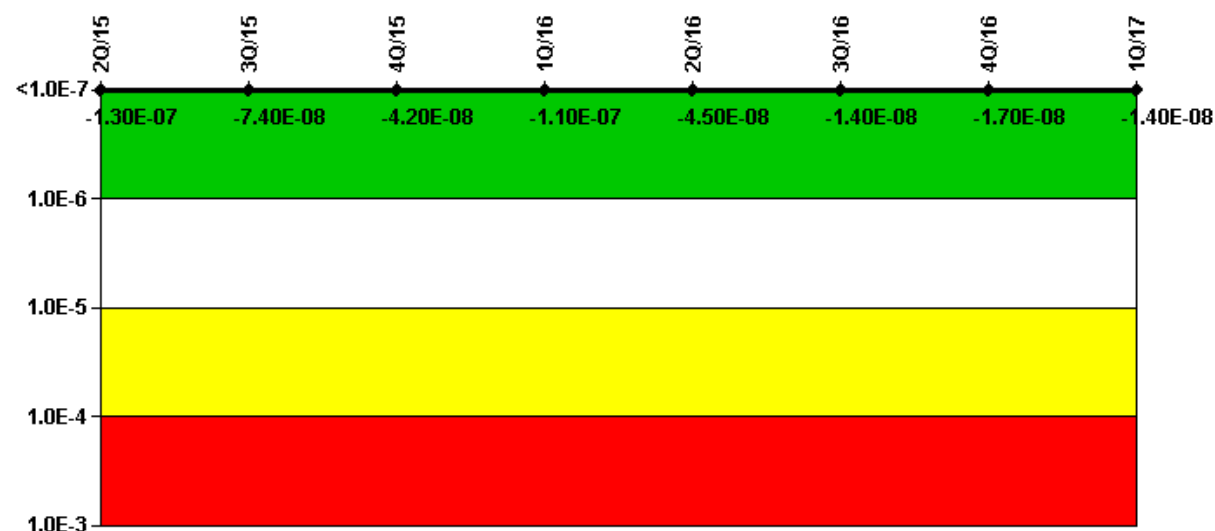
	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (ΔCDF)	3.54E-08	3.35E-08	3.11E-08	3.02E-08	1.52E-08	1.50E-08	1.50E-08	1.26E-08
URI (ΔCDF)	1.56E-09	1.56E-09	9.54E-09	-1.84E-08	-3.01E-08	-3.01E-08	-3.01E-08	-3.01E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.70E-08	3.50E-08	4.10E-08	1.20E-08	-1.50E-08	-1.50E-08	-1.50E-08	-1.70E-08

TOP

Licensee Comments:

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model

Mitigating Systems Performance Index, High Pressure Injection System



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

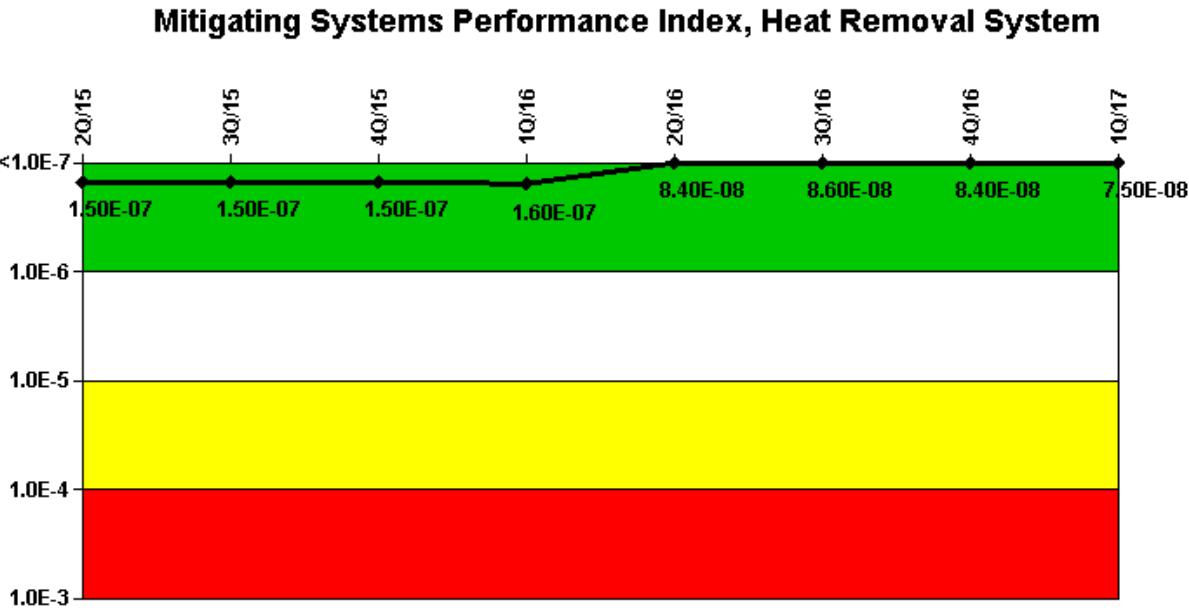
Notes

Mitigating Systems Performance Index, High Pressure Injection System

	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (ΔCDF)	1.53E-07	2.09E-07	2.41E-07	1.70E-07	5.41E-08	8.44E-08	8.23E-08	8.53E-08
URI (ΔCDF)	-2.84E-07	-2.84E-07	-2.84E-07	-2.84E-07	-9.88E-08	-9.88E-08	-9.88E-08	-9.88E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.30E-07	-7.40E-08	-4.20E-08	-1.10E-07	-4.50E-08	-1.40E-08	-1.70E-08	-1.40E-08

TOP

Licensee Comments:
2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model



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

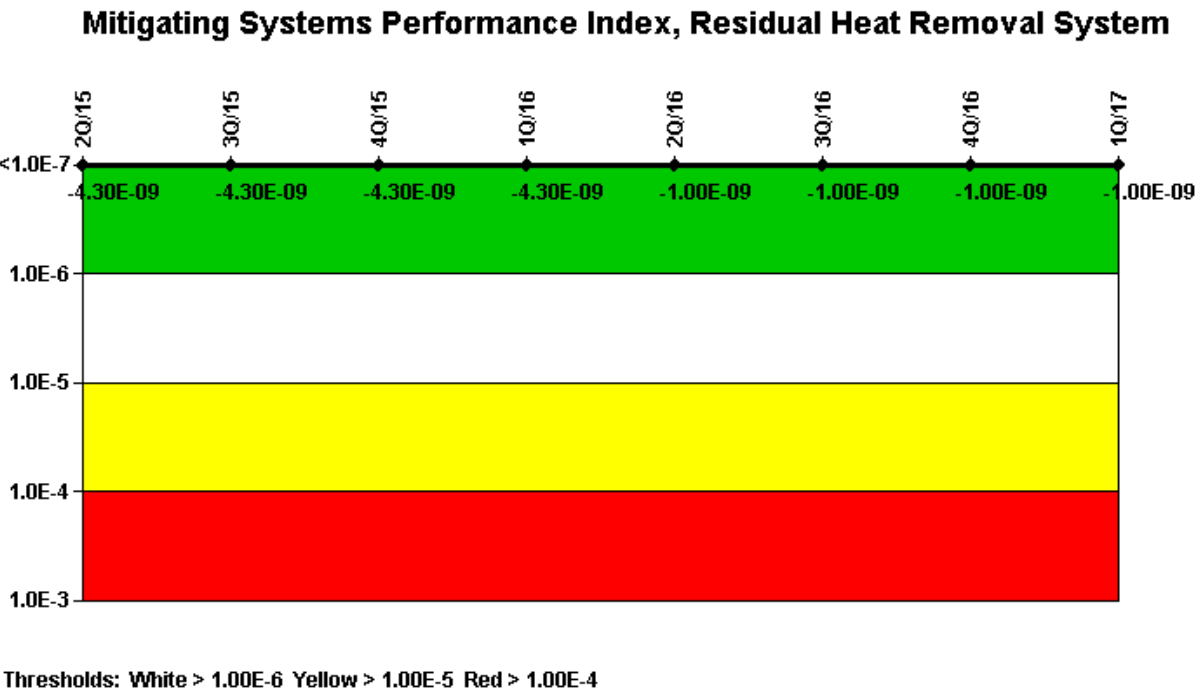
Notes

Mitigating Systems Performance Index, Heat Removal System

	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (ΔCDF)	5.12E-09	5.50E-09	4.64E-09	9.82E-09	1.35E-08	1.53E-08	1.53E-08	1.53E-08
URI (ΔCDF)	1.46E-07	1.46E-07	1.46E-07	1.46E-07	7.10E-08	7.10E-08	6.89E-08	5.95E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.50E-07	1.50E-07	1.50E-07	1.60E-07	8.40E-08	8.60E-08	8.40E-08	7.50E-08

TOP

Licensee Comments:
3Q/16: MSPI URI recalculated due to revised ICES records 314625 and 316104. (AR 2162606)
2Q/16: PRA coefficients and CDF were changed due to updated PRA modelMSPI URI recalculated due to revised ICES records 314625 and 316104. (AR 2162606)
2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model
1Q/16: MSPI URI recalculated due to revised ICES records 314625 and 316104. (AR 2162606)
4Q/15: MSPI URI recalculated due to revised ICES records 314625 and 316104. (AR 2162606)
3Q/15: MSPI URI recalculated due to revised ICES records 314625 and 316104. (AR 2162606)
2Q/15: MSPI URI recalculated due to revised ICES records 314625 and 316104. (AR 2162606)



Notes

Mitigating Systems Performance Index, Residual Heat Removal System

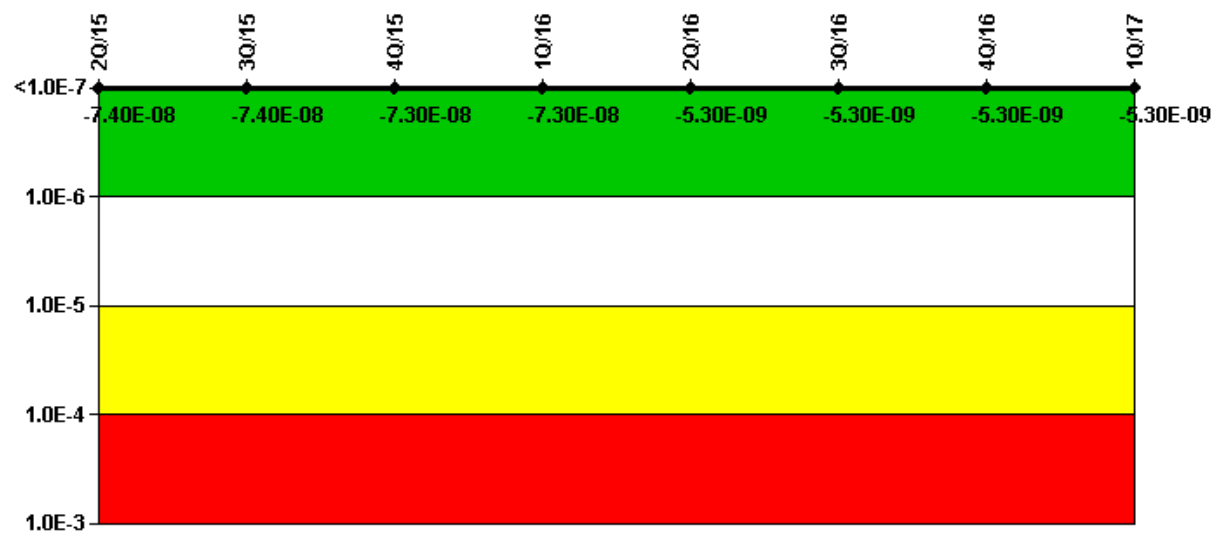
	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (ΔCDF)	-1.03E-09	-1.03E-09	-1.03E-09	-1.03E-09	-1.10E-10	-1.10E-10	-1.10E-10	-1.10E-10
URI (ΔCDF)	-3.25E-09	-3.25E-09	-3.25E-09	-3.25E-09	-9.36E-10	-9.36E-10	-9.36E-10	-9.36E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-1.00E-09	-1.00E-09	-1.00E-09	-1.00E-09

TOP

Licensee Comments:

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model

Mitigating Systems Performance Index, Cooling Water Systems



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

Notes

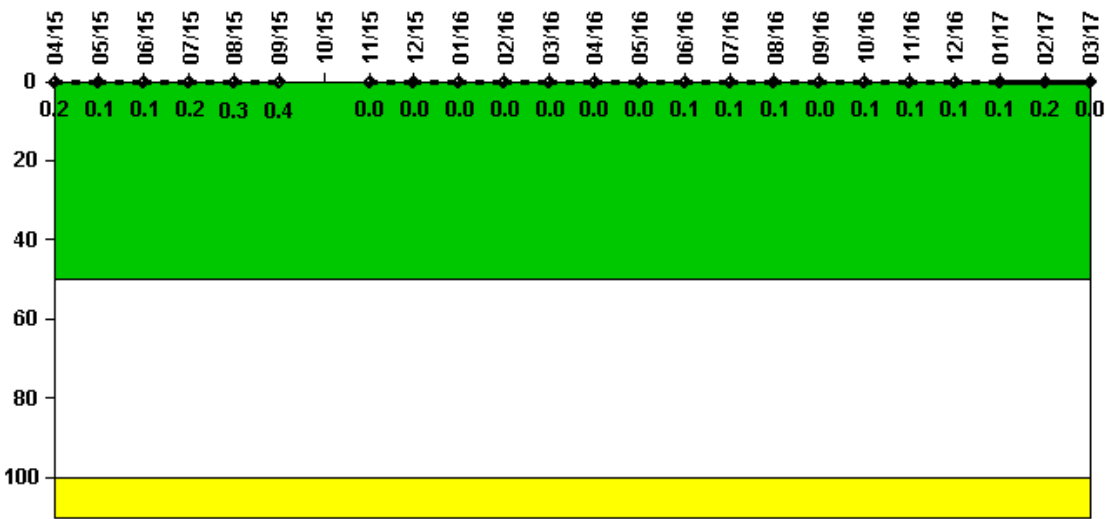
Mitigating Systems Performance Index, Cooling Water Systems

	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (ΔCDF)	-6.51E-08	-6.51E-08	-6.45E-08	-6.45E-08	-4.33E-09	-4.33E-09	-4.33E-09	-4.33E-09
URI (ΔCDF)	-8.83E-09	-8.83E-09	-8.83E-09	-8.83E-09	-9.63E-10	-9.63E-10	-9.63E-10	-9.63E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-7.40E-08	-7.40E-08	-7.30E-08	-7.30E-08	-5.30E-09	-5.30E-09	-5.30E-09	-5.30E-09

TOP

Licensee Comments:
2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model
3Q/15: ICES OE record #319756 revised to upgrade the 2C ICW pump failure to a MSPI demand failure - change resulted in no effect on the calculated 3Q PI value.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

Notes

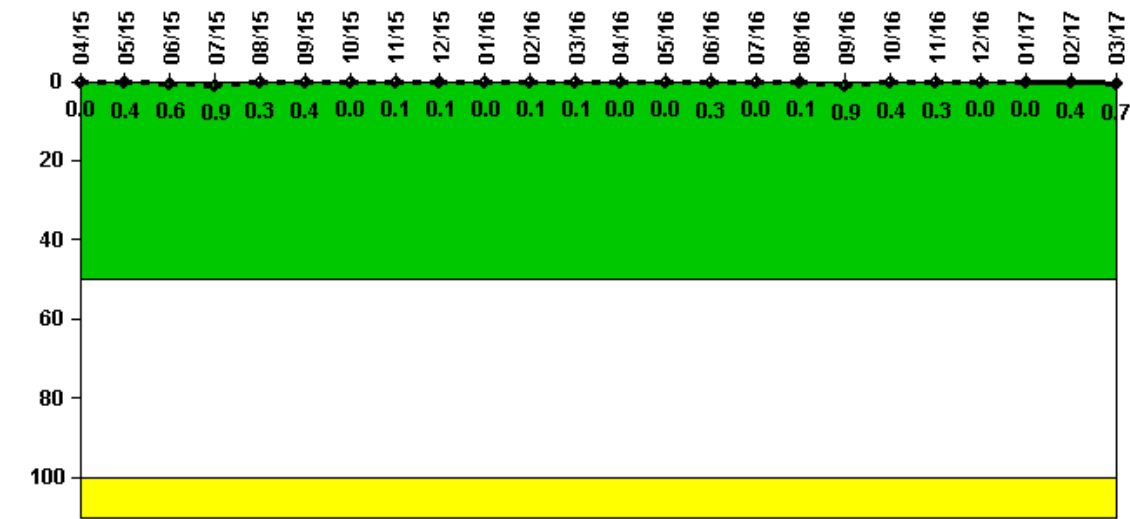
Reactor Coolant System Activity	4/15	5/15	6/15	7/15	8/15	9/15	10/15	11/15	12/15	1/16	2/16	3/16
Maximum activity	0.001600	0.001090	0.001480	0.002130	0.002520	0.003770	N/A	0.000269	0.000312	0.000333	0.000364	0.000382
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.2	0.1	0.1	0.2	0.3	0.4	N/A	0	0	0	0	0

Reactor Coolant System Activity	4/16	5/16	6/16	7/16	8/16	9/16	10/16	11/16	12/16	1/17	2/17	3/17
Maximum activity	0.000384	0.000374	0.000607	0.000680	0.000638	0.000452	0.000774	0.000512	0.000581	0.000615	0.001650	0.000219
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0.1	0.1	0.1	0	0.1	0.1	0.1	0.1	0.2	0

TOP

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/15	5/15	6/15	7/15	8/15	9/15	10/15	11/15	12/15	1/16	2/16	3/16
Maximum leakage	0	0.040	0.062	0.086	0.030	0.040	0	0.005	0.005	0.003	0.005	0.005
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0

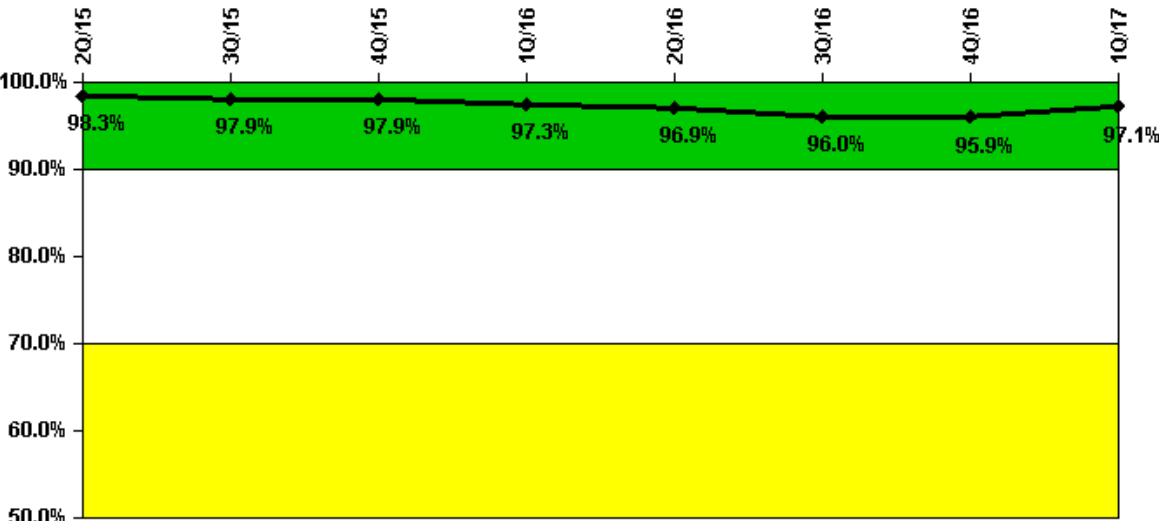
Indicator value	0	0.4	0.6	0.9	0.3	0.4	0	0.1	0.1	0	0.1	0.1
Reactor Coolant System Leakage	4/16	5/16	6/16	7/16	8/16	9/16	10/16	11/16	12/16	1/17	2/17	3/17
Maximum leakage	0	0	0.030	0.004	0.010	0.089	0.042	0.030	0.003	0	0.044	0.074
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0

Indicator value	0	0	0.3	0	0.1	0.9	0.4	0.3	0	0	0.4	0.7

TOP

Licensee Comments:
3/16: February data corrected from 0.058 to 0.005

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

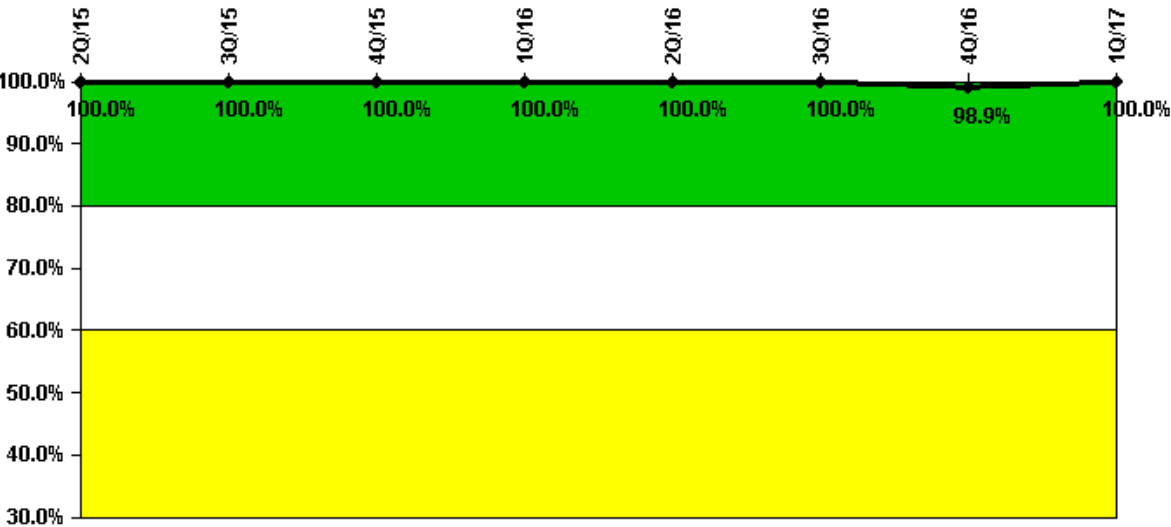
Drill/Exercise Performance	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Successful opportunities	31.0	20.0	24.0	17.0	17.0	25.0	24.0	44.0
Total opportunities	31.0	22.0	25.0	18.0	17.0	27.0	24.0	44.0

Indicator value 98.3% 97.9% 97.9% 97.3% 96.9% 96.0% 95.9% 97.1%

TOP

Licensee Comments: none

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

Notes

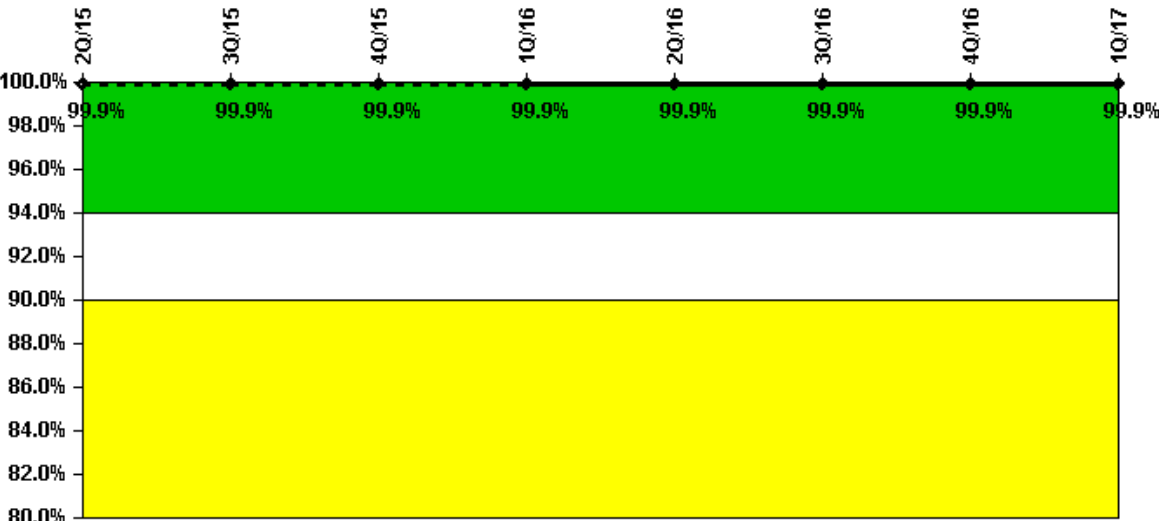
ERO Drill Participation	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Participating Key personnel	79.0	76.0	76.0	83.0	83.0	79.0	86.0	86.0
Total Key personnel	79.0	76.0	76.0	83.0	83.0	79.0	87.0	86.0

Indicator value 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 98.9% 100.0%

TOP

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

Notes

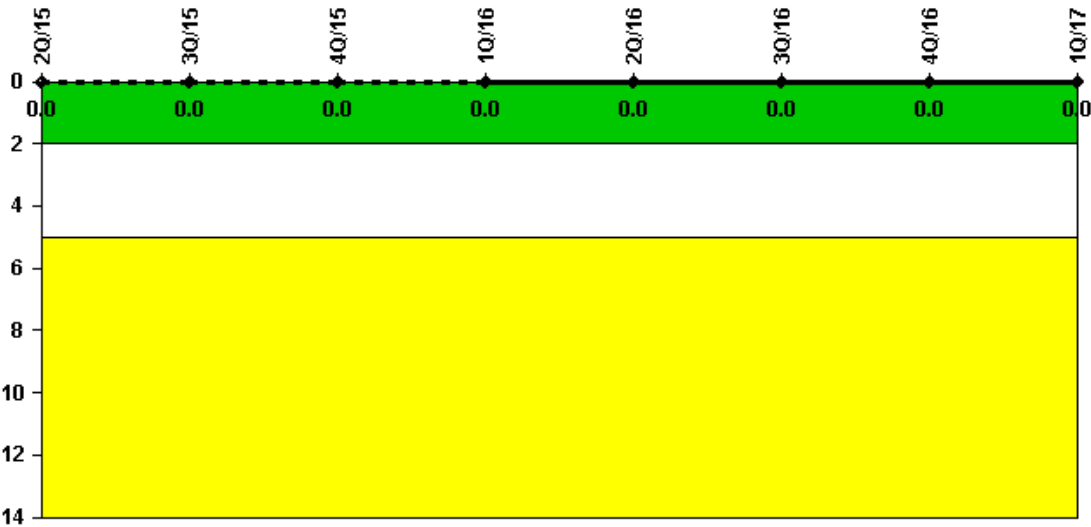
Alert & Notification System	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Successful siren-tests	720	719	629	630	629	720	629	629
Total sirens-tests	720	720	630	630	630	720	630	630

Indicator value 99.9% 99.9% 99.9% 99.9% 99.9% 99.9% 99.9% 99.9%

TOP

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

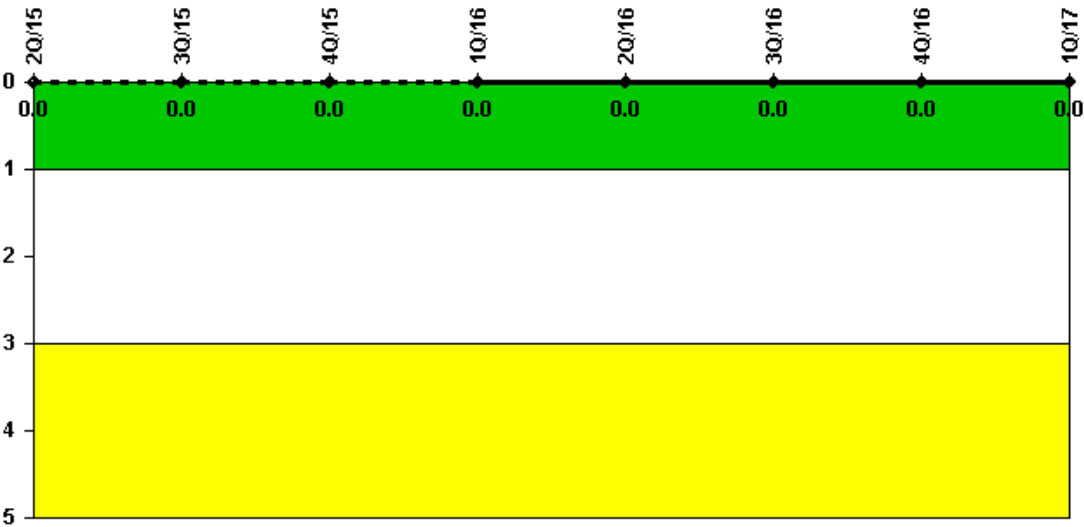
Notes

Occupational Exposure Control Effectiveness	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
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

TOP

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent2Q/153Q/154Q/151Q/162Q/163Q/164Q/161Q/17

RETS/ODCM occurrences000000000

Indicator value000000000

TOP

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.

Current data as of: May 5, 2017

Page Last Reviewed/Updated Wednesday, June 07, 2017



[Home](#) > [Nuclear Reactors](#) > [Operating Reactors](#) > [Reactor Oversight Process](#) > [Plant Summaries](#) > [Saint Lucie 2](#) > [Quarterly Performance Indicators](#)

Saint Lucie 2 – Quarterly Performance Indicators

2Q/2017 Performance Indicators

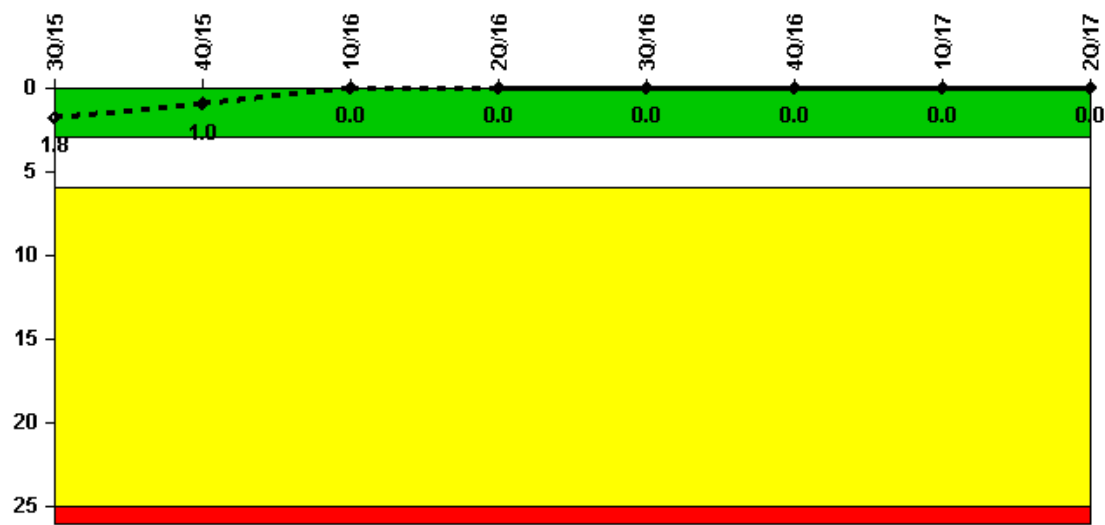
The solid trend line represents the current reporting period.

Licensee's General Comments: none

On this page:

- [Unplanned Scrams \(IE01\)](#)
- [Unplanned Power Changes per 7000 Critical Hours \(IE03\)](#)
- [Unplanned Scrams with Complications \(IE04\)](#)
- [Safety System Functional Failures \(MS05\)](#)
- [Emergency AC Power Systems \(MS06\)](#)
- [High Pressure Injection Systems \(MS07\)](#)
- [Heat Removal Systems \(MS08\)](#)
- [Residual Heat Removal Systems \(MS09\)](#)
- [Cooling Water Systems \(MS10\)](#)
- [Reactor Coolant System Activity \(BI01\)](#)
- [Reactor Coolant System Leakage \(BI02\)](#)
- [Drill/Exercise Performance \(EP01\)](#)
- [Emergency Response Organization Drill Participation \(EP02\)](#)
- [Alert and Notification System Reliability \(EP03\)](#)
- [Occupational Exposure Control Effectiveness \(OR01\)](#)
- [RETS/OCDEU Radiological Effluent Occurrence \(PR01\)](#)
- [Protected Area Equipment \(PP01\)](#)

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

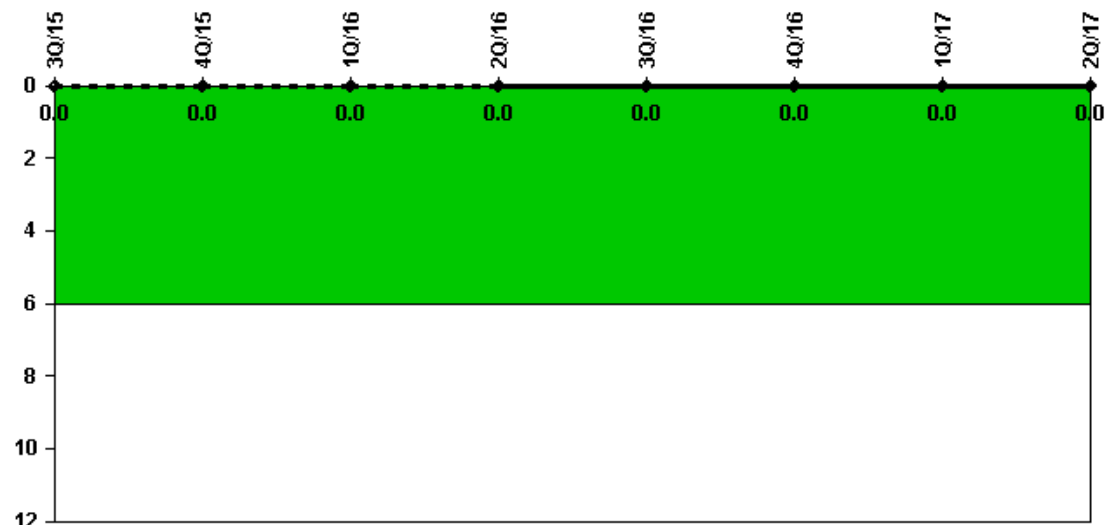
Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	1657.2	1626.2	2183.0	2184.0	2208.0	2034.5	1395.9	2184.0
Indicator value	1.8	1.0	0	0	0	0	0	0

TOP

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

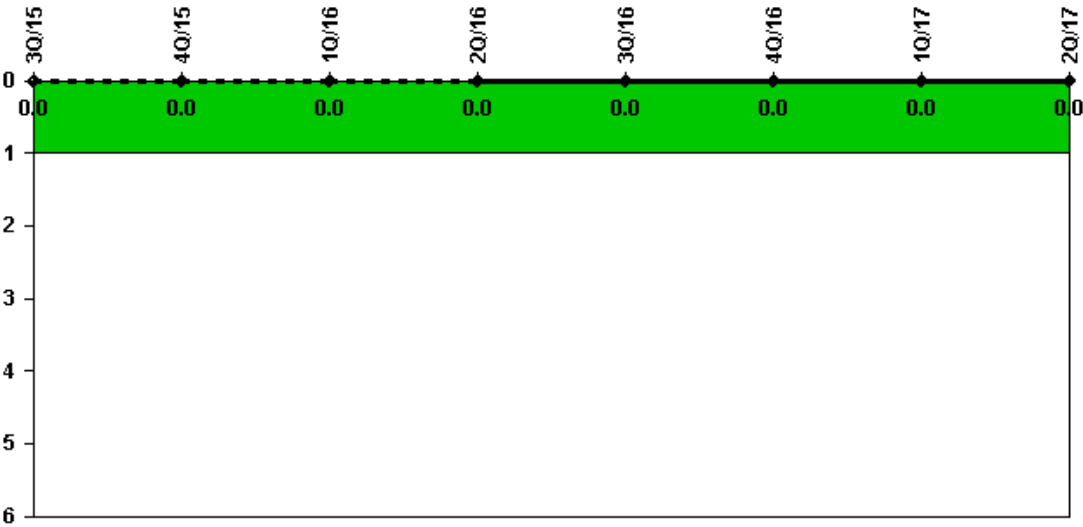
Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	1657.2	1626.2	2183.0	2184.0	2208.0	2034.5	1395.9	2184.0
Indicator value	0	0	0	0	0	0	0	0

TOP

Licensee Comments: none

Unplanned Scrams with Complications



Thresholds: White > 1.0

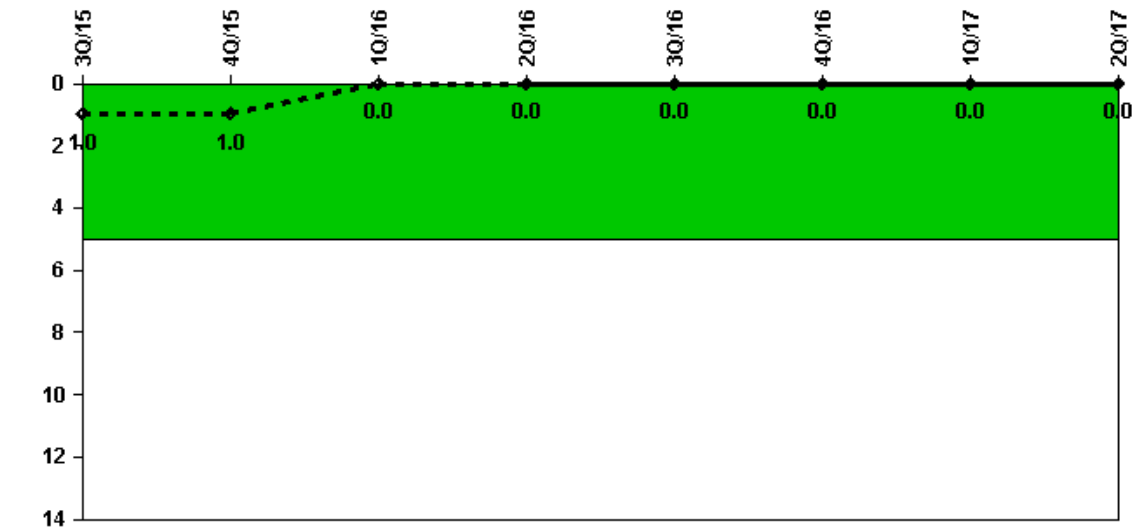
Notes

Unplanned Scrams with Complications	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
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

TOP

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Safety System Functional Failures	0	0	0	0	0	0	0	0

Indicator value	1	1	0	0	0	0	0	0

TOP

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

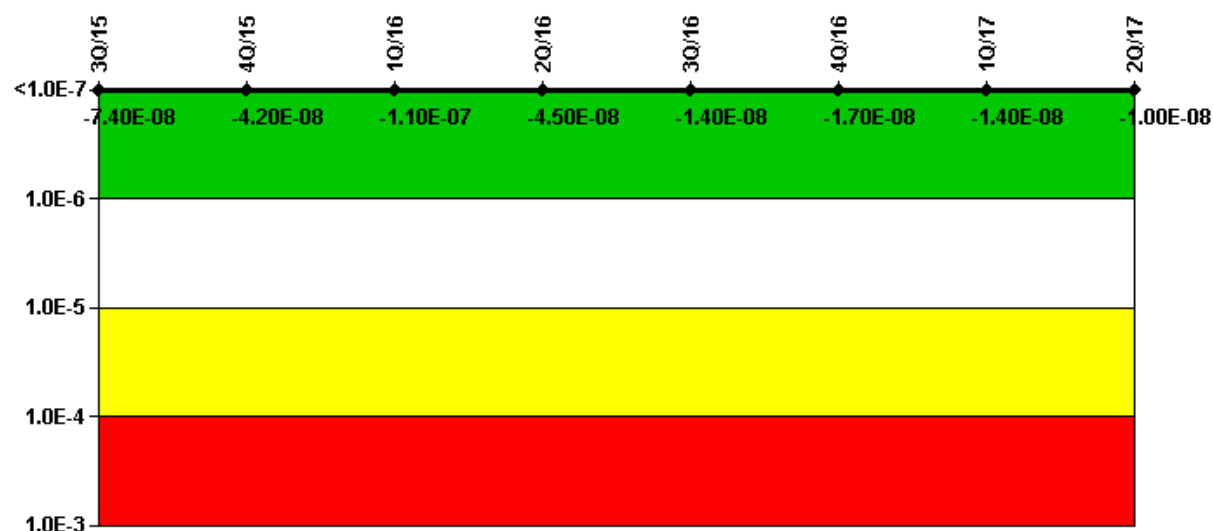
	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
UAI (ΔCDF)	3.35E-08	3.11E-08	3.02E-08	1.52E-08	1.50E-08	1.50E-08	1.26E-08	2.54E-08
URI (ΔCDF)	1.56E-09	9.54E-09	-1.84E-08	-3.01E-08	-3.01E-08	-3.01E-08	-3.01E-08	-3.01E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.50E-08	4.10E-08	1.20E-08	-1.50E-08	-1.50E-08	-1.50E-08	-1.70E-08	-4.70E-09

▲ TOP

Licensee Comments:

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model

Mitigating Systems Performance Index, High Pressure Injection System



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

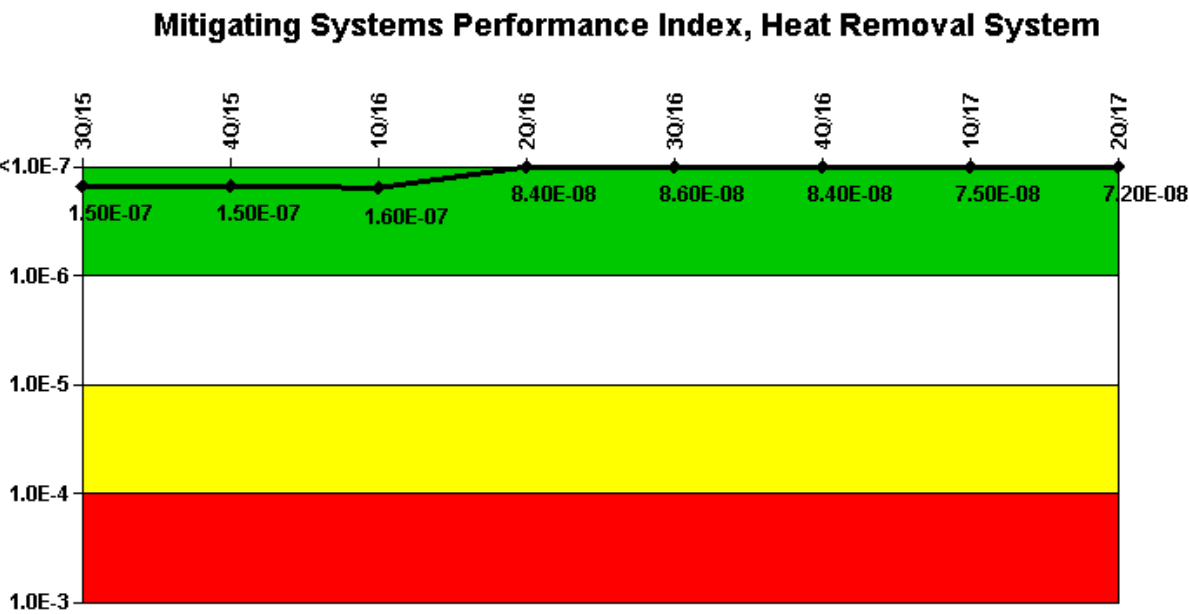
Notes

Mitigating Systems Performance Index, High Pressure Injection System

	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
UAI (ΔCDF)	2.09E-07	2.41E-07	1.70E-07	5.41E-08	8.44E-08	8.23E-08	8.53E-08	8.86E-08
URI (ΔCDF)	-2.84E-07	-2.84E-07	-2.84E-07	-9.88E-08	-9.88E-08	-9.88E-08	-9.88E-08	-9.88E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-7.40E-08	-4.20E-08	-1.10E-07	-4.50E-08	-1.40E-08	-1.70E-08	-1.40E-08	-1.00E-08

▲ TOP

Licensee Comments:
2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model



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

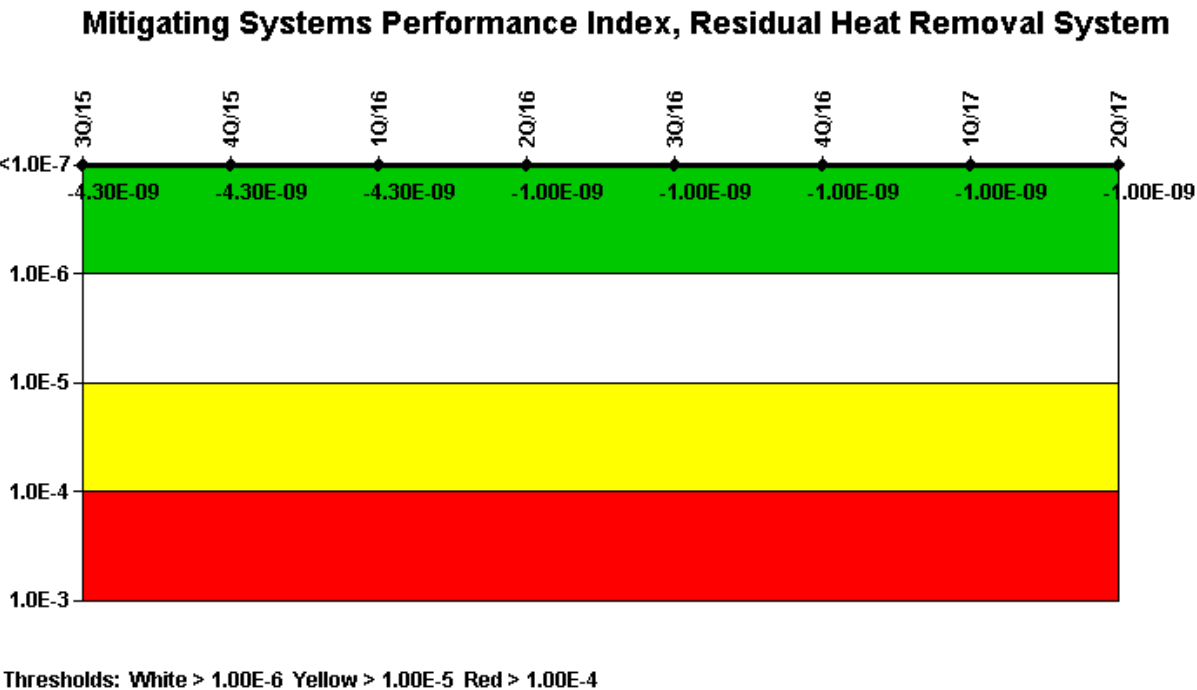
Notes

Mitigating Systems Performance Index, Heat Removal System

	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
UAI (ΔCDF)	5.50E-09	4.64E-09	9.82E-09	1.35E-08	1.53E-08	1.53E-08	1.53E-08	1.29E-08
URI (ΔCDF)	1.46E-07	1.46E-07	1.46E-07	7.10E-08	7.10E-08	6.89E-08	5.95E-08	5.95E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.50E-07	1.50E-07	1.60E-07	8.40E-08	8.60E-08	8.40E-08	7.50E-08	7.20E-08

TOP

Licensee Comments:
3Q/16: MSPI URI recalculated due to revised ICES records 314625 and 316104. (AR 2162606)
2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model
2Q/16: PRA coefficients and CDF were changed due to updated PRA modelMSPI URI recalculated due to revised ICES records 314625 and 316104. (AR 2162606)
1Q/16: MSPI URI recalculated due to revised ICES records 314625 and 316104. (AR 2162606)
4Q/15: MSPI URI recalculated due to revised ICES records 314625 and 316104. (AR 2162606)
3Q/15: MSPI URI recalculated due to revised ICES records 314625 and 316104. (AR 2162606)



Notes

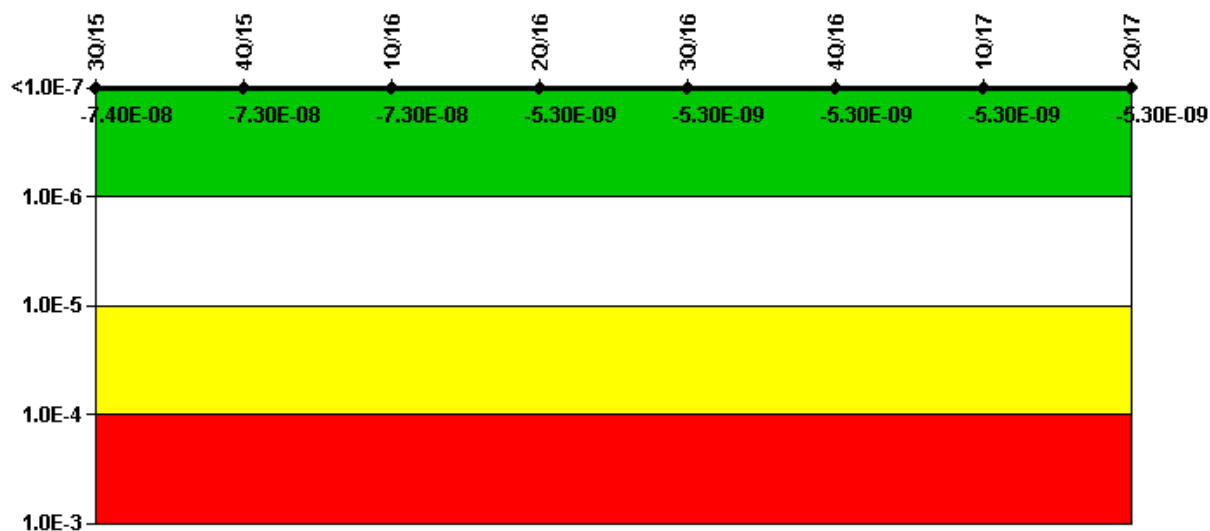
Mitigating Systems Performance Index, Residual Heat Removal System

	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
UAI (ΔCDF)	-1.03E-09	-1.03E-09	-1.03E-09	-1.10E-10	-1.10E-10	-1.10E-10	-1.10E-10	-1.10E-10
URI (ΔCDF)	-3.25E-09	-3.25E-09	-3.25E-09	-9.36E-10	-9.36E-10	-9.36E-10	-9.36E-10	-9.36E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.30E-09	-4.30E-09	-4.30E-09	-1.00E-09	-1.00E-09	-1.00E-09	-1.00E-09	-1.00E-09

TOP

Licensee Comments:
2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model

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/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
UAI (ΔCDF)	-6.51E-08	-6.45E-08	-6.45E-08	-4.33E-09	-4.33E-09	-4.33E-09	-4.33E-09	-4.34E-09
URI (ΔCDF)	-8.83E-09	-8.83E-09	-8.83E-09	-9.63E-10	-9.63E-10	-9.63E-10	-9.63E-10	-9.63E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-7.40E-08	-7.30E-08	-7.30E-08	-5.30E-09	-5.30E-09	-5.30E-09	-5.30E-09	-5.30E-09

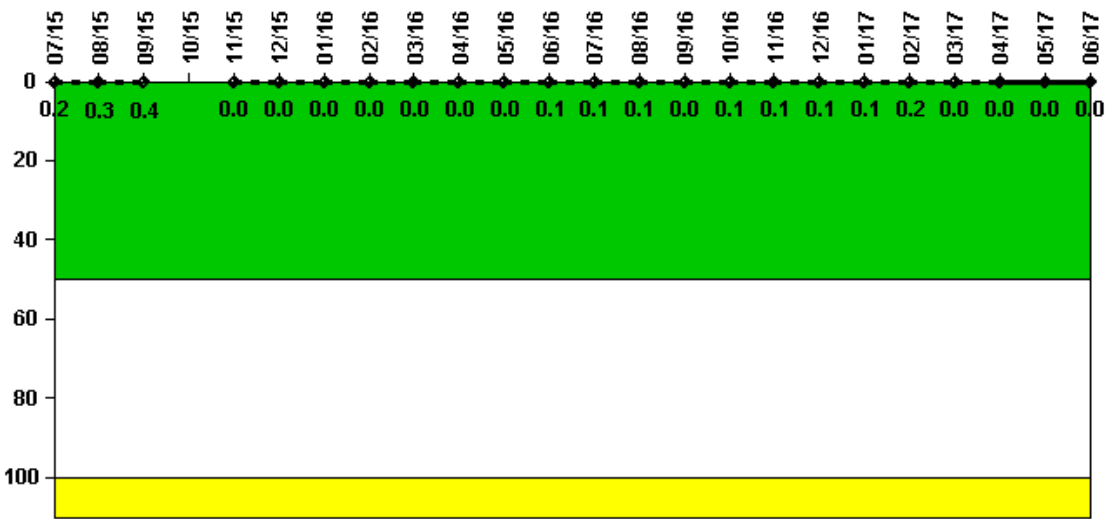
TOP

Licensee Comments:

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model

3Q/15: ICES OE record #319756 revised to upgrade the 2C ICW pump failure to a MSPI demand failure - change resulted in no effect on the calculated 3Q PI value.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

Notes

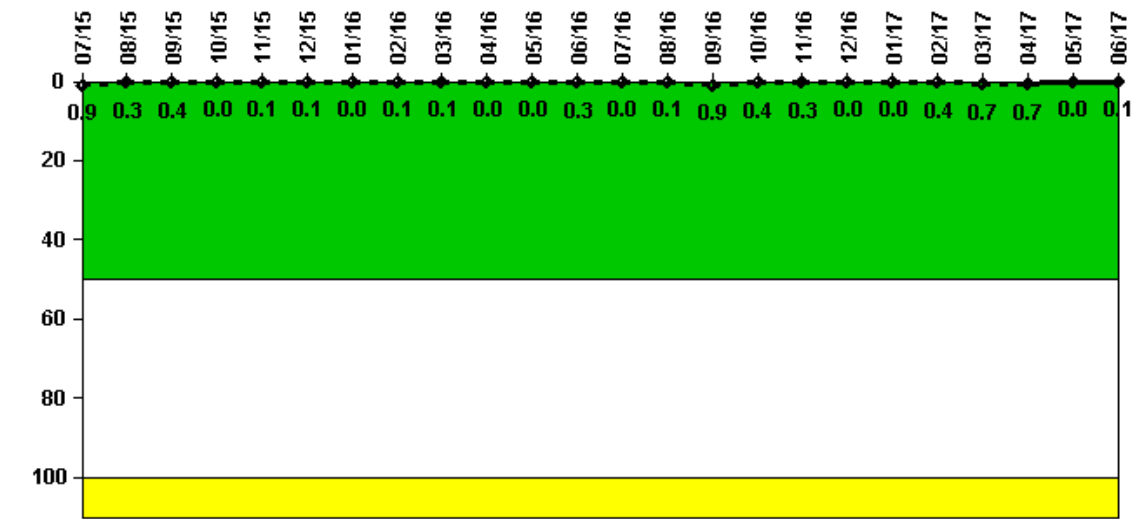
Reactor Coolant System Activity	7/15	8/15	9/15	10/15	11/15	12/15	1/16	2/16	3/16	4/16	5/16	6/16
Maximum activity	0.002130	0.002520	0.003770	N/A	0.000269	0.000312	0.000333	0.000364	0.000382	0.000384	0.000374	0.000607
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.2	0.3	0.4	N/A	0	0	0	0	0	0	0	0.1

Reactor Coolant System Activity	7/16	8/16	9/16	10/16	11/16	12/16	1/17	2/17	3/17	4/17	5/17	6/17
Maximum activity	0.000680	0.000638	0.000452	0.000774	0.000512	0.000581	0.000615	0.001650	0.000219	0.000262	0.000252	0.000249
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0	0.1	0.1	0.1	0.1	0.2	0	0	0	0

TOP

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

Notes

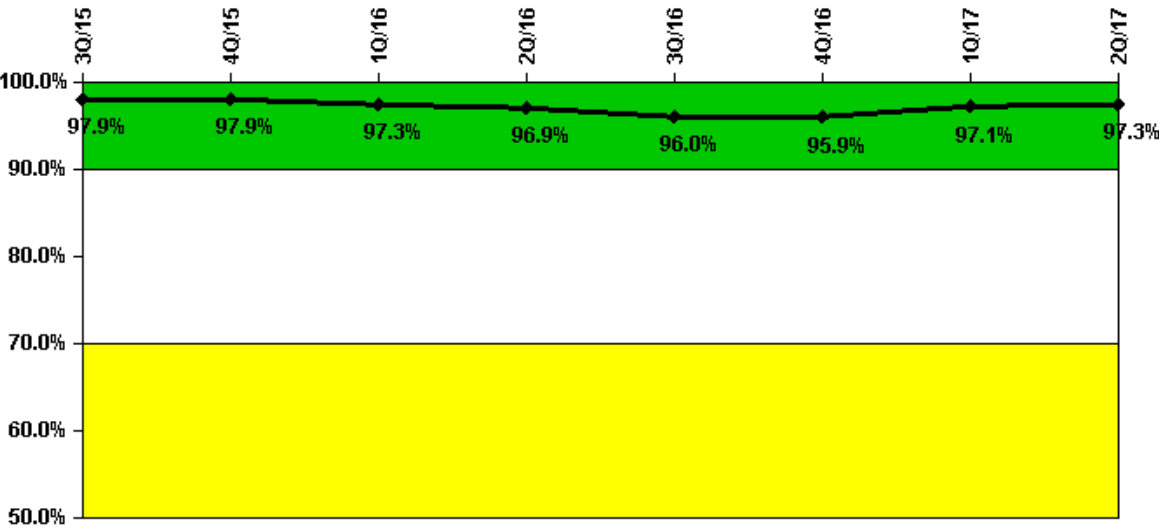
Reactor Coolant System Leakage	7/15	8/15	9/15	10/15	11/15	12/15	1/16	2/16	3/16	4/16	5/16	6/16
Maximum leakage	0.086	0.030	0.040	0	0.005	0.005	0.003	0.005	0.005	0	0	0.030
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.9	0.3	0.4	0	0.1	0.1	0	0.1	0.1	0	0	0.3

Reactor Coolant System Leakage	7/16	8/16	9/16	10/16	11/16	12/16	1/17	2/17	3/17	4/17	5/17	6/17
Maximum leakage	0.004	0.010	0.089	0.042	0.030	0.003	0	0.044	0.074	0.074	0	0.009
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0.1	0.9	0.4	0.3	0	0	0.4	0.7	0.7	0	0.1

TOP

Licensee Comments:
3/16: February data corrected from 0.058 to 0.005

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

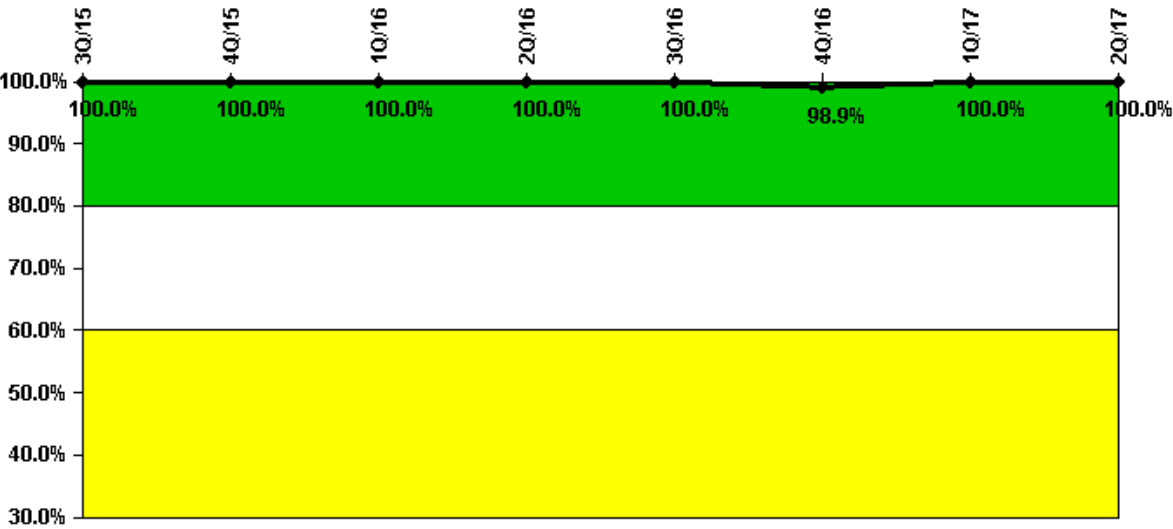
Drill/Exercise Performance	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Successful opportunities	20.0	24.0	17.0	17.0	25.0	24.0	44.0	46.0
Total opportunities	22.0	25.0	18.0	17.0	27.0	24.0	44.0	46.0

Indicator value 97.9% 97.9% 97.3% 96.9% 96.0% 95.9% 97.1% 97.3%

TOP

Licensee Comments: none

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

Notes

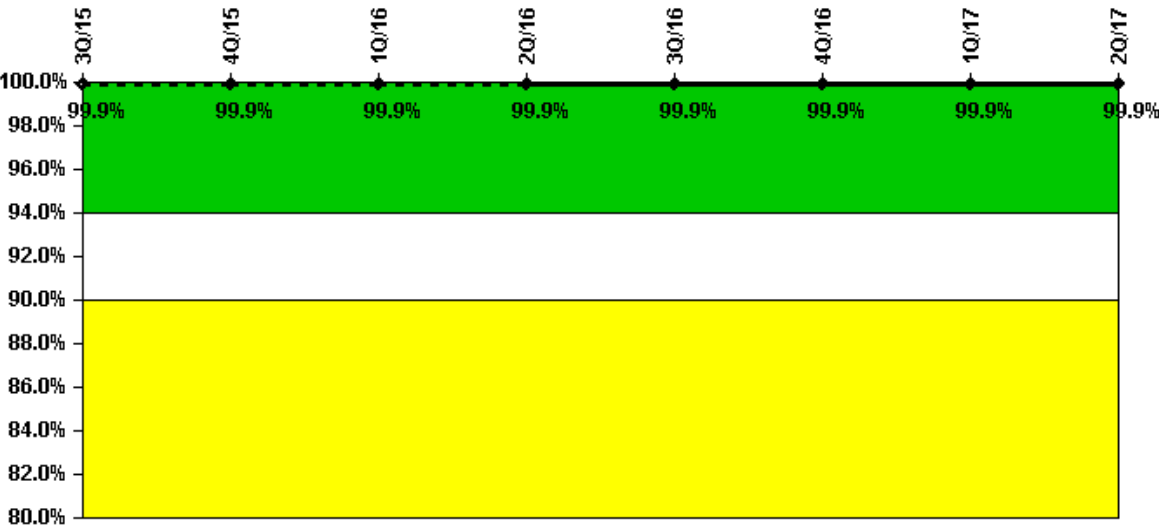
ERO Drill Participation	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Participating Key personnel	76.0	76.0	83.0	83.0	79.0	86.0	86.0	84.0
Total Key personnel	76.0	76.0	83.0	83.0	79.0	87.0	86.0	84.0

Indicator value 100.0% 100.0% 100.0% 100.0% 100.0% 98.9% 100.0% 100.0%

TOP

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

Notes

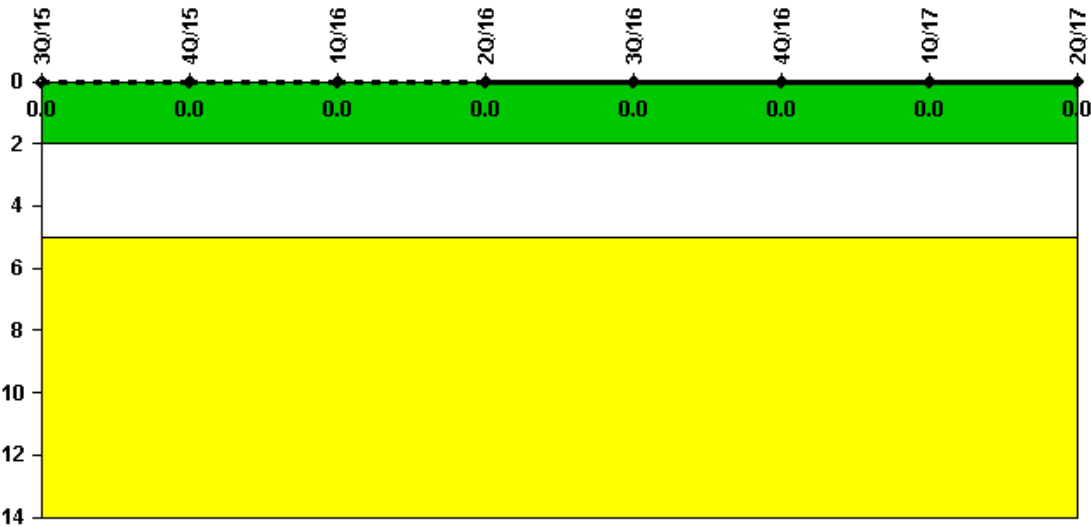
Alert & Notification System	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Successful siren-tests	719	629	630	629	720	629	629	720
Total sirens-tests	720	630	630	630	720	630	630	720

Indicator value 99.9% 99.9% 99.9% 99.9% 99.9% 99.9% 99.9% 99.9%

TOP

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

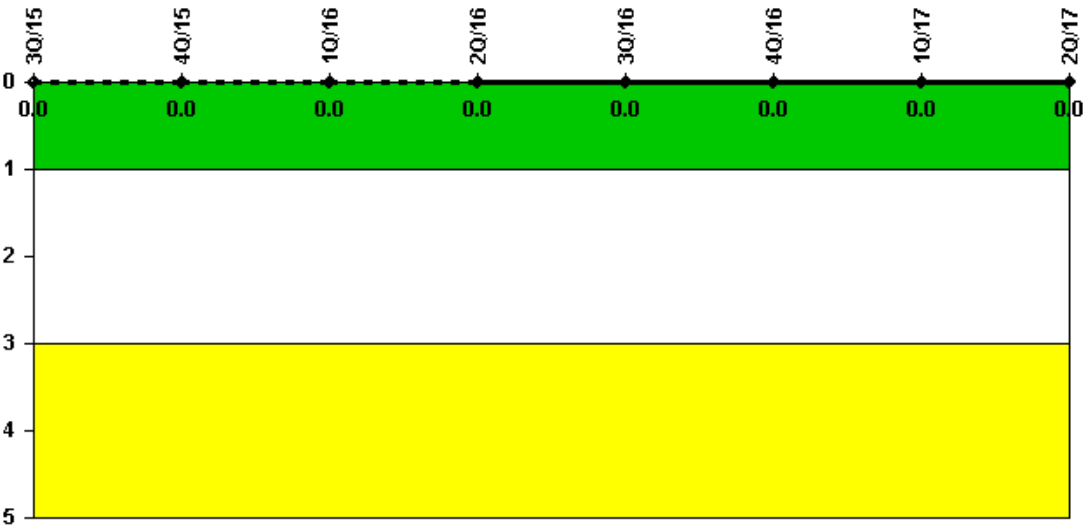
Notes

Occupational Exposure Control Effectiveness	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
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

TOP

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent3Q/154Q/151Q/162Q/163Q/164Q/161Q/172Q/17

RETS/ODCM occurrences000000000

Indicator value000000000

TOP

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.

Current data as of: July 26, 2017

Page Last Reviewed/Updated Wednesday, June 07, 2017



Home > Nuclear Reactors > Operating Reactors > Reactor Oversight Process > Plant Summaries> Saint Lucie 2 > Quarterly Performance Indicators

Saint Lucie 2 – Quarterly Performance Indicators

3Q/2017 Performance Indicators

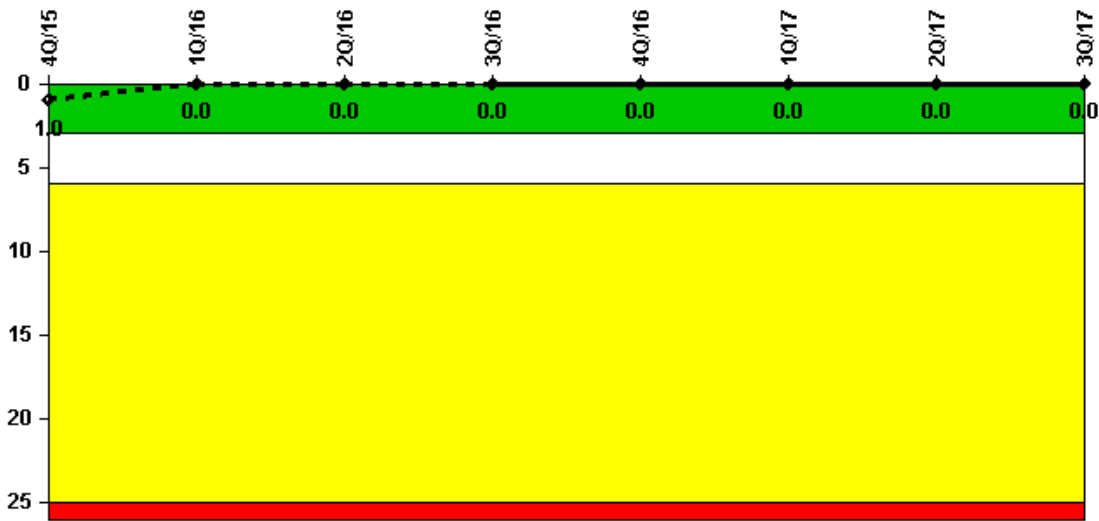
The solid trend line represents the current reporting period.

Licensee's General Comments: none

On this page:

- Unplanned Scrams (IE01)
- Unplanned Power Changes per 7000 Critical Hours (IE03)
- Unplanned Scrams with Complications (IE04)
- Safety System Functional Failures (MS05)
- Emergency AC Power Systems (MS06)
- High Pressure Injection Systems (MS07)
- Heat Removal Systems (MS08)
- Residual Heat Removal Systems (MS09)
- Cooling Water Systems (MS10)
- Reactor Coolant System Activity (BI01)
- Reactor Coolant System Leakage (BI02)
- Drill/Exercise Performance (EP01)
- Emergency Response Organization Drill Participation (EP02)
- Alert and Notification System Reliability (EP03)
- Occupational Exposure Control Effectiveness (OR01)
- RETS/OCDE Radiological Effluent Occurrence (PR01)
- Protected Area Equipment (PP01)

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

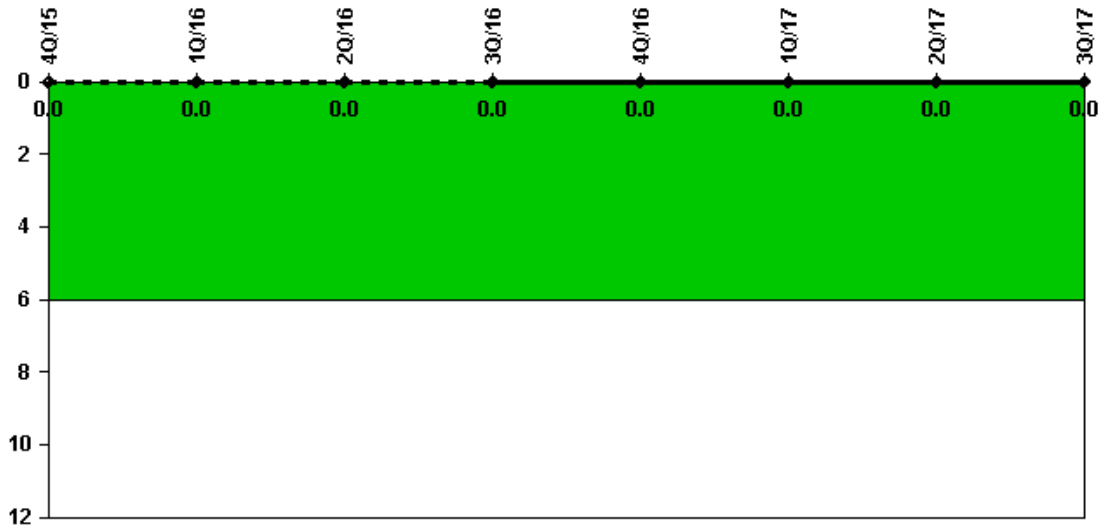
Unplanned Scrams per 7000 Critical Hrs	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	1626.2	2183.0	2184.0	2208.0	2034.5	1395.9	2184.0	2208.0

Indicator value	1.0	0	0	0	0	0	0	0

▲ TOP

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

Notes

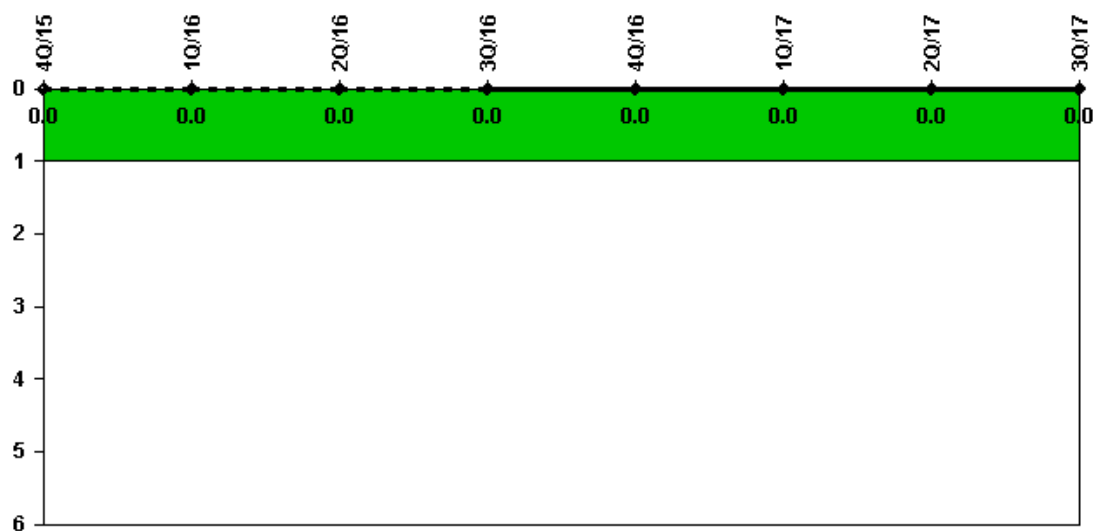
Unplanned Power Changes per 7000 Critical Hrs	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	1626.2	2183.0	2184.0	2208.0	2034.5	1395.9	2184.0	2208.0

Indicator value	0	0	0	0	0	0	0	0

TOP

Licensee Comments: none

Unplanned Scrams with Complications



Thresholds: White > 1.0

Notes

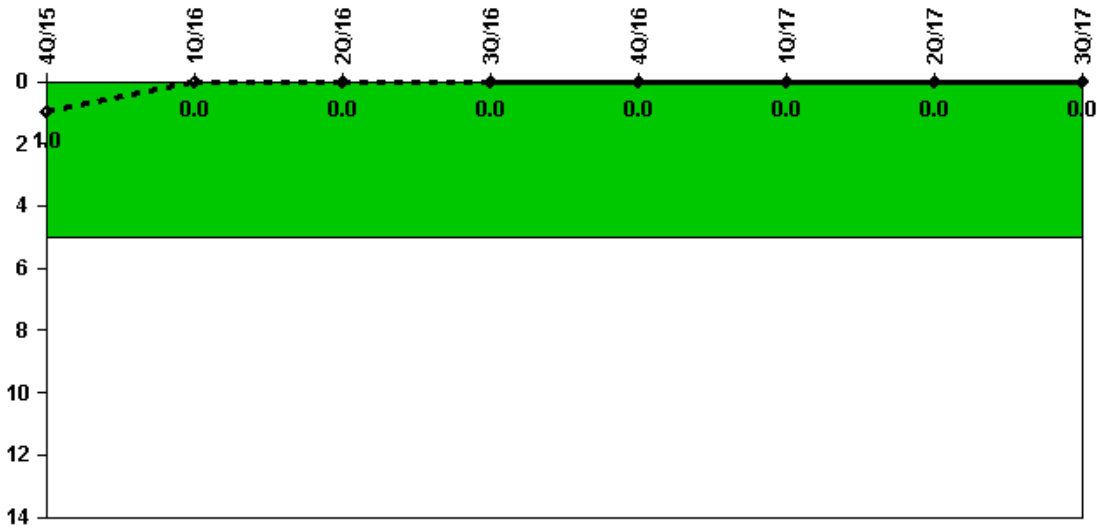
Unplanned Scrams with Complications	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Scrams with complications	0	0	0	0	0	0	0	0

Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOP

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

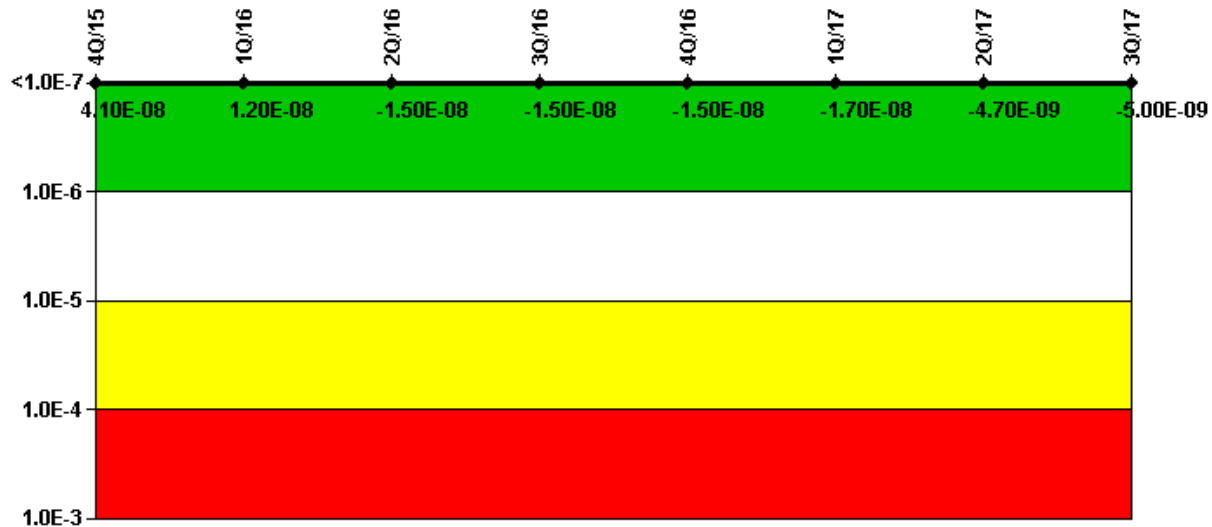
Safety System Functional Failures (PWR) 4Q/15 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17 3Q/17
 Safety System Functional Failures 0 0 0 0 0 0 0 0

Indicator value 1 0 0 0 0 0 0 0

TOP

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



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

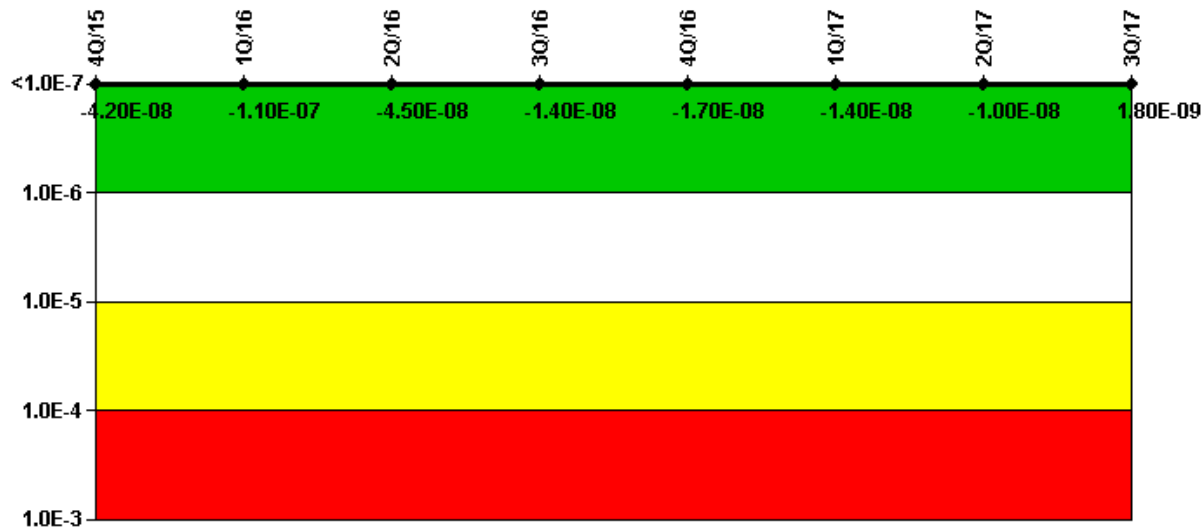
Notes**Mitigating Systems Performance Index, Emergency
AC Power System**

	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (ΔCDF)	3.11E-08	3.02E-08	1.52E-08	1.50E-08	1.50E-08	1.26E-08	2.54E-08	2.51E-08
URI (ΔCDF)	9.54E-09	-1.84E-08	-3.01E-08	-3.01E-08	-3.01E-08	-3.01E-08	-3.01E-08	-3.01E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.10E-08	1.20E-08	-1.50E-08	-1.50E-08	-1.50E-08	-1.70E-08	-4.70E-09	-5.00E-09

 TOP

Licensee Comments:

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model

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**

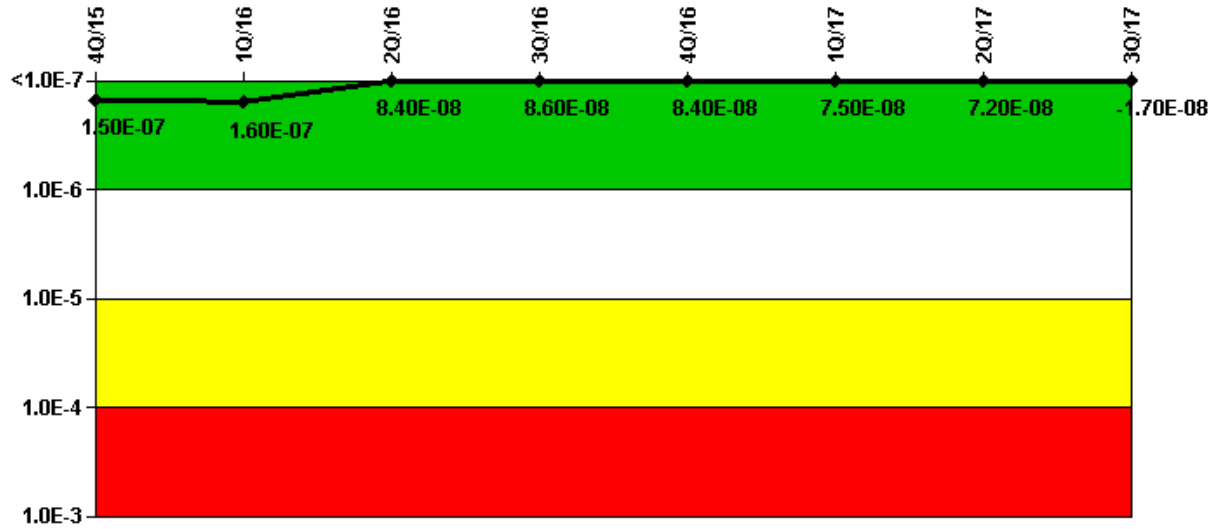
	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (ΔCDF)	2.41E-07	1.70E-07	5.41E-08	8.44E-08	8.23E-08	8.53E-08	8.86E-08	1.01E-07
URI (ΔCDF)	-2.84E-07	-2.84E-07	-9.88E-08	-9.88E-08	-9.88E-08	-9.88E-08	-9.88E-08	-9.88E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.20E-08	-1.10E-07	-4.50E-08	-1.40E-08	-1.70E-08	-1.40E-08	-1.00E-08	1.80E-09

▲ TOP

Licensee Comments:

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model

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/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (ΔCDF)	4.64E-09	9.82E-09	1.35E-08	1.53E-08	1.53E-08	1.53E-08	1.29E-08	5.84E-09
URI (ΔCDF)	1.46E-07	1.46E-07	7.10E-08	7.10E-08	6.89E-08	5.95E-08	5.95E-08	-2.29E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.50E-07	1.60E-07	8.40E-08	8.60E-08	8.40E-08	7.50E-08	7.20E-08	1.70E-08

▲ TOP

Licensee Comments:

3Q/16: MSPI URI recalculated due to revised ICES records 314625 and 316104. (AR 2162606)

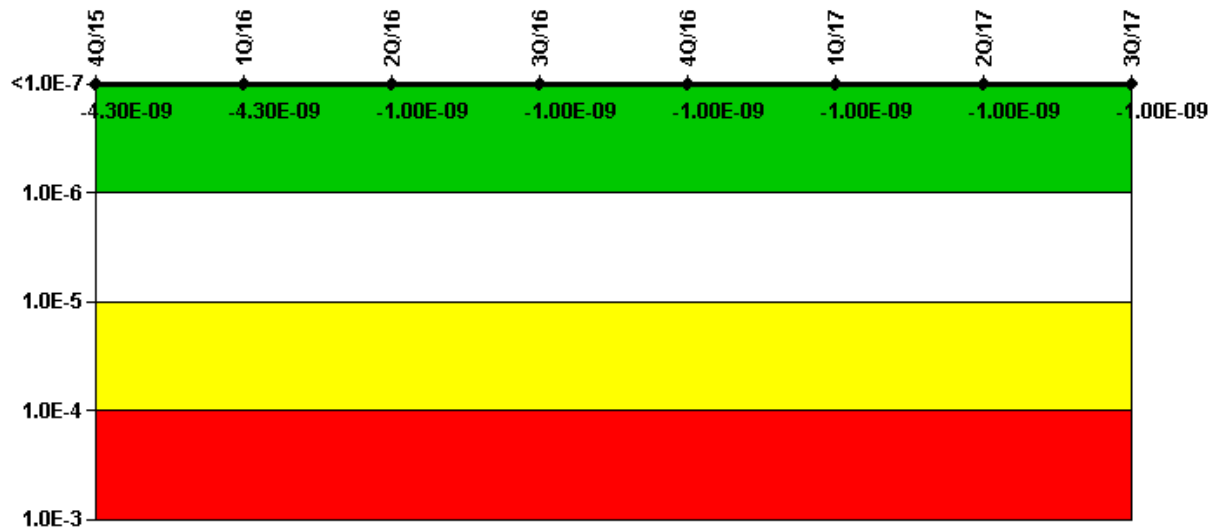
2Q/16: PRA coefficients and CDF were changed due to updated PRA modelMSPI URI recalculated due to revised ICES records 314625 and 316104. (AR 2162606)

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model

1Q/16: MSPI URI recalculated due to revised ICES records 314625 and 316104. (AR 2162606)

4Q/15: MSPI URI recalculated due to revised ICES records 314625 and 316104. (AR 2162606)

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

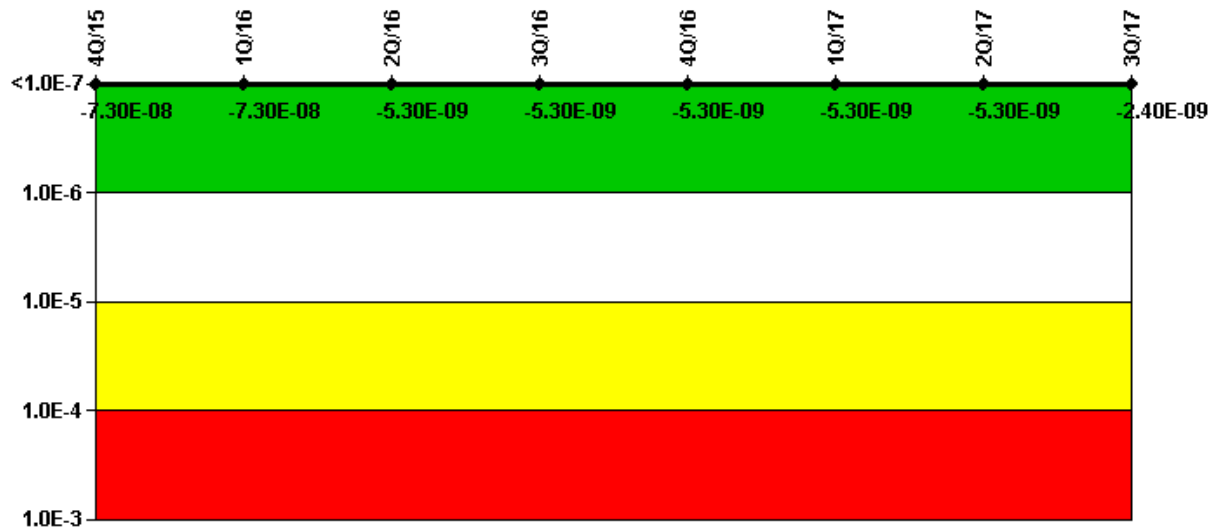
	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (ΔCDF)	-1.03E-09	-1.03E-09	-1.10E-10	-1.10E-10	-1.10E-10	-1.10E-10	-1.10E-10	-1.10E-10
URI (ΔCDF)	-3.25E-09	-3.25E-09	-9.36E-10	-9.36E-10	-9.36E-10	-9.36E-10	-9.36E-10	-9.36E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.30E-09	-4.30E-09	-1.00E-09	-1.00E-09	-1.00E-09	-1.00E-09	-1.00E-09	-1.00E-09

TOP

Licensee Comments:

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model

Mitigating Systems Performance Index, Cooling Water Systems



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

Notes

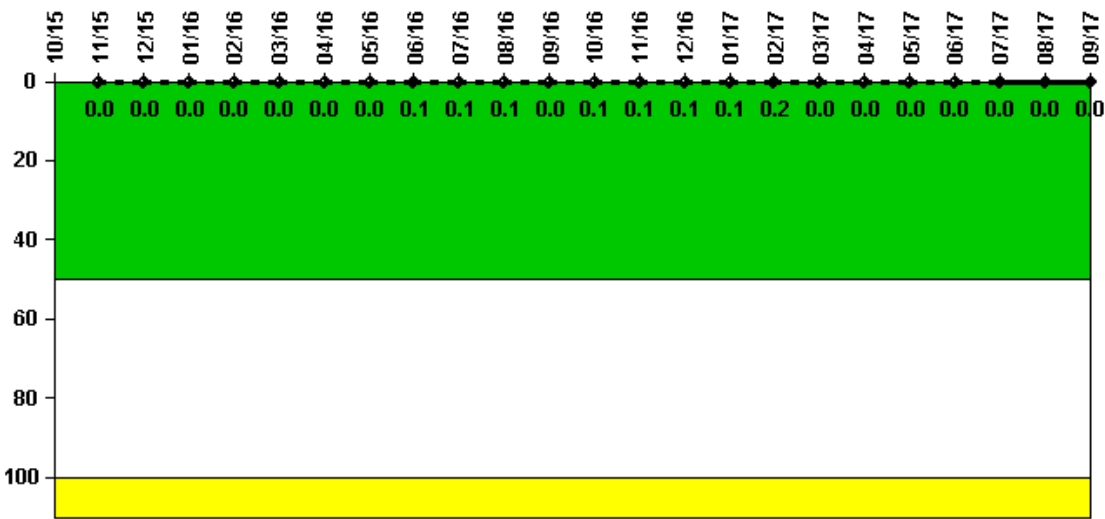
Mitigating Systems Performance Index, Cooling Water Systems

	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (ΔCDF)	-6.45E-08	-6.45E-08	-4.33E-09	-4.33E-09	-4.33E-09	-4.33E-09	-4.34E-09	-1.41E-09
URI (ΔCDF)	-8.83E-09	-8.83E-09	-9.63E-10	-9.63E-10	-9.63E-10	-9.63E-10	-9.63E-10	-9.63E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-7.30E-08	-7.30E-08	-5.30E-09	-5.30E-09	-5.30E-09	-5.30E-09	-5.30E-09	-2.40E-09

TOP

Licensee Comments:

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes**Reactor Coolant**

System Activity	10/15	11/15	12/15	1/16	2/16	3/16	4/16	5/16	6/16	7/16	8/16	9/16

Maximum activity	N/A	0.000269	0.000312	0.000333	0.000364	0.000382	0.000384	0.000374	0.000607	0.000680	0.000638	0.000452

Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Indicator value	N/A	0	0	0	0	0	0	0	0.1	0.1	0.1	0

Reactor Coolant System

Activity	10/16	11/16	12/16	1/17	2/17	3/17	4/17	5/17	6/17	7/17	8/17	9/17

Maximum activity	0.000774	0.000512	0.000581	0.000615	0.001650	0.000219	0.000262	0.000252	0.000249	0.000270	0.000296	0.000272

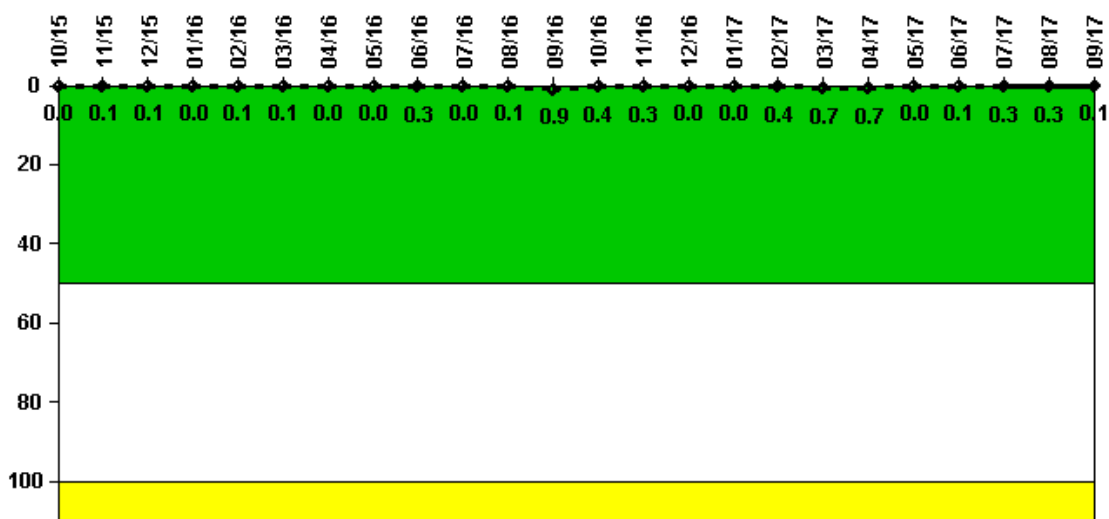
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Indicator value	0.1	0.1	0.1	0.1	0.2	0	0	0	0	0	0	0

TOP

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/15	11/15	12/15	1/16	2/16	3/16	4/16	5/16	6/16	7/16	8/16	9/16
Maximum leakage	0	0.005	0.005	0.003	0.005	0.005	0	0	0.030	0.004	0.010	0.089
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0

Indicator value	0	0.1	0.1	0	0.1	0.1	0	0	0.3	0	0.1	0.9
Reactor Coolant System Leakage	10/16	11/16	12/16	1/17	2/17	3/17	4/17	5/17	6/17	7/17	8/17	9/17
Maximum leakage	0.042	0.030	0.003	0	0.044	0.074	0.074	0	0.009	0.028	0.032	0.010
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0

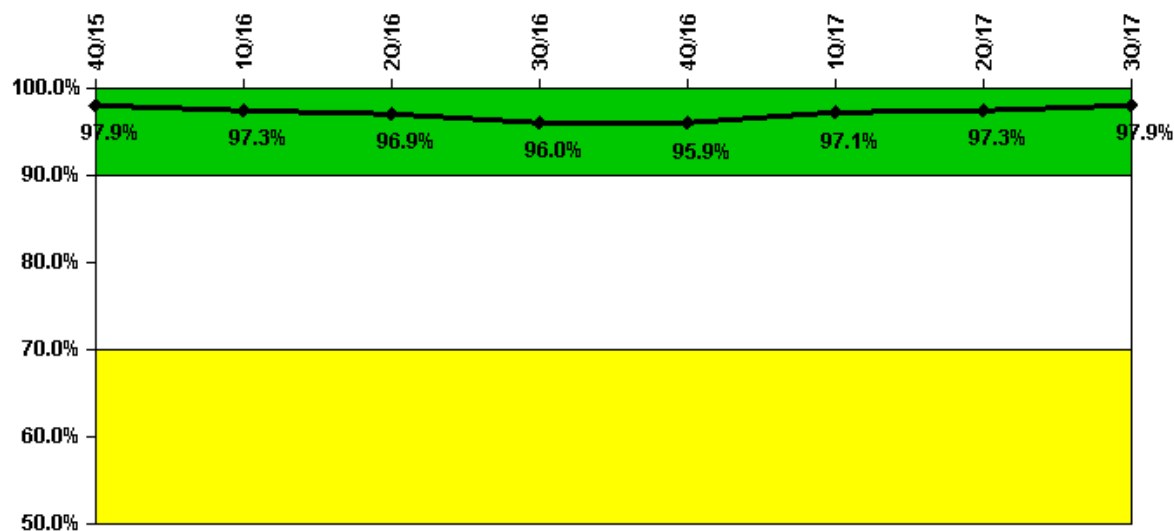
Indicator value	0.4	0.3	0	0	0.4	0.7	0.7	0	0.1	0.3	0.3	0.1

TOP

Licensee Comments:

3/16: February data corrected from 0.058 to 0.005

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

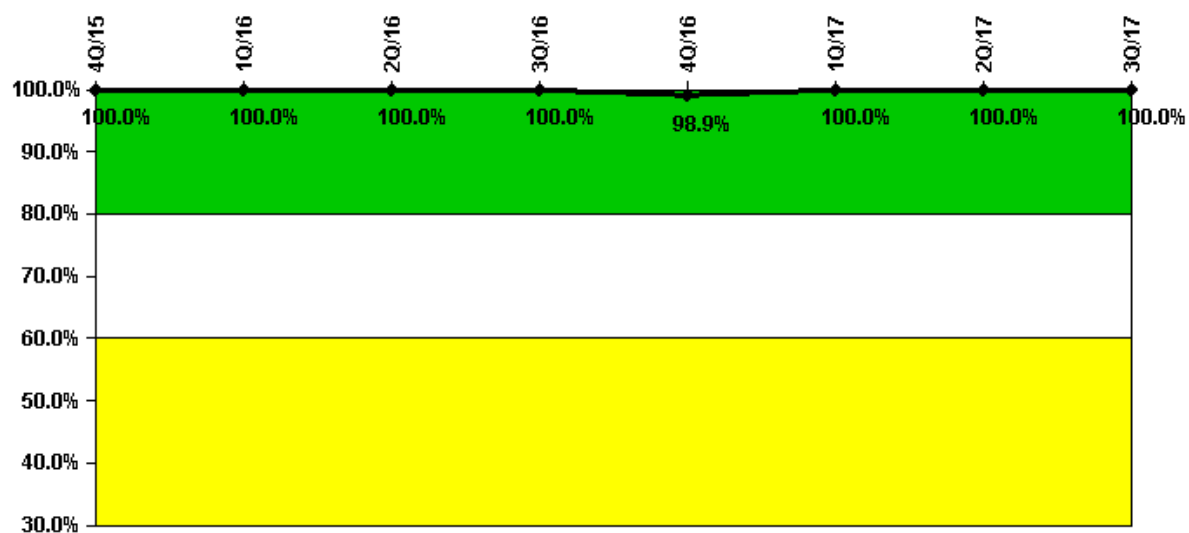
Drill/Exercise Performance	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Successful opportunities	24.0	17.0	17.0	25.0	24.0	44.0	46.0	36.0
Total opportunities	25.0	18.0	17.0	27.0	24.0	44.0	46.0	37.0

Indicator value 97.9% 97.3% 96.9% 96.0% 95.9% 97.1% 97.3% 97.9%

▲ TOP

Licensee Comments: none

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

Notes

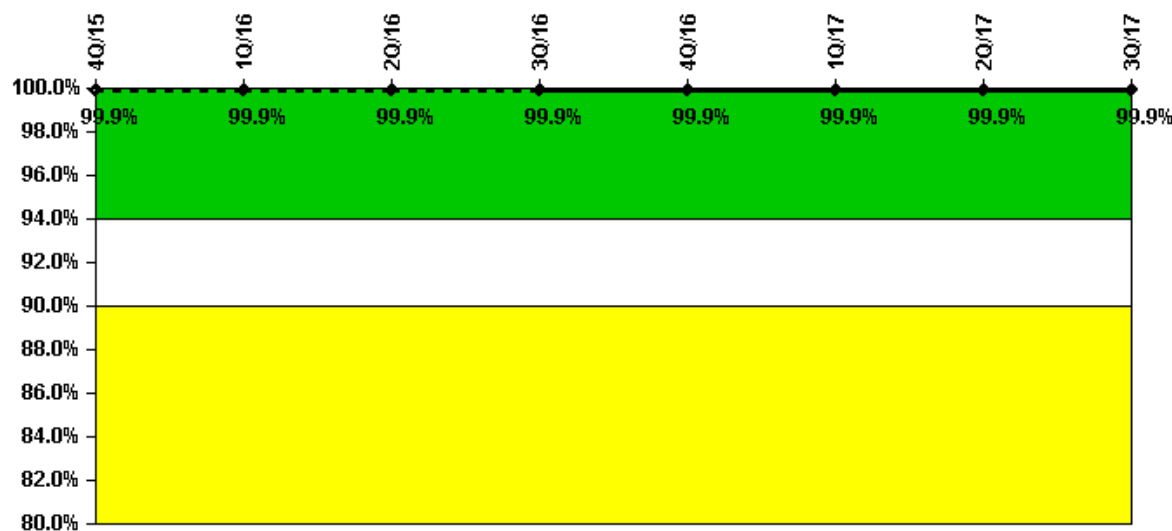
ERO Drill Participation	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Participating Key personnel	76.0	83.0	83.0	79.0	86.0	86.0	84.0	76.0
Total Key personnel	76.0	83.0	83.0	79.0	87.0	86.0	84.0	76.0

Indicator value **100.0% 100.0% 100.0% 100.0% 98.9% 100.0% 100.0% 100.0%**

▲ TOP

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

Notes

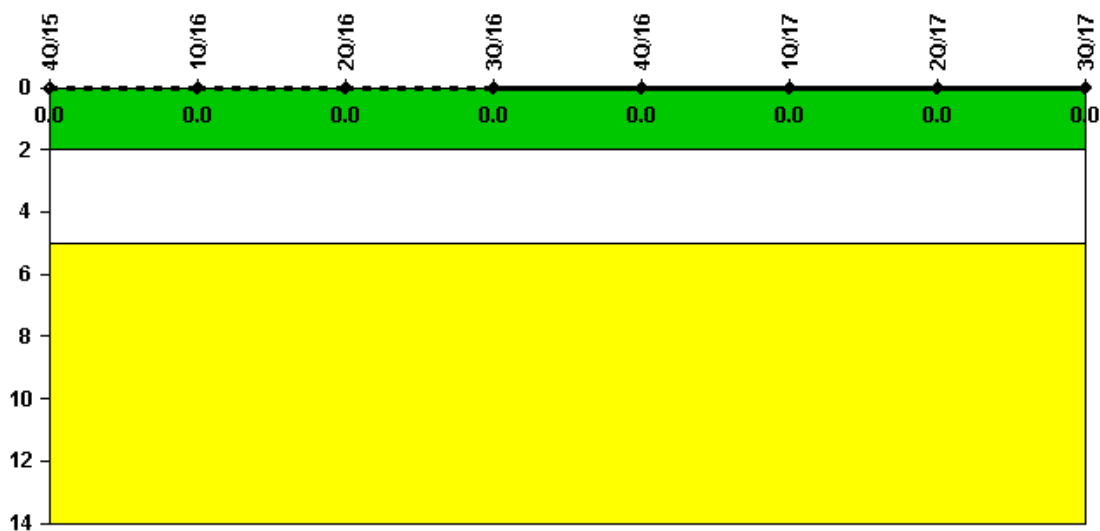
Alert & Notification System	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Successful siren-tests	629	630	629	720	629	629	720	540
Total sirens-tests	630	630	630	720	630	630	720	540

Indicator value 99.9% 99.9% 99.9% 99.9% 99.9% 99.9% 99.9% 99.9%

▲ TOP

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

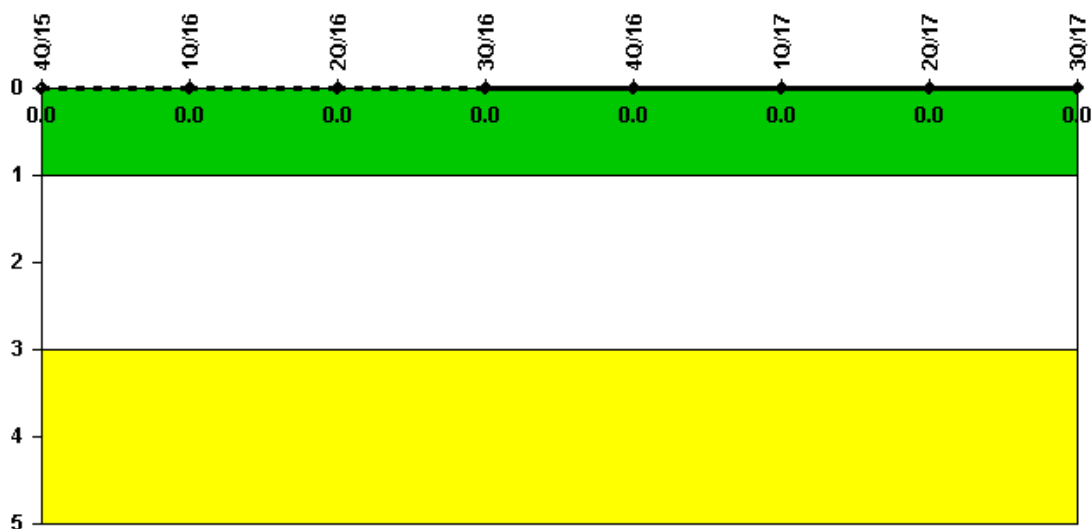
Occupational Exposure Control Effectiveness4Q/151Q/162Q/163Q/164Q/161Q/172Q/173Q/17

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

TOP

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent 4Q/15 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17 3Q/17

RETS/ODCM occurrences 0 0 0 0 0 0 0 0

Indicator value 0 0 0 0 0 0 0 0

TOP

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.

Current data as of: October 31, 2017

Page Last Reviewed/Updated Monday, November 06, 2017



[Home](#) > [Nuclear Reactors](#) > [Operating Reactors](#) > [Reactor Oversight Process](#) > [Plant Summaries](#)> [Saint Lucie 2](#) > [Quarterly Performance Indicators](#)

Saint Lucie 2 – Quarterly Performance Indicators

4Q/2017 Performance Indicators

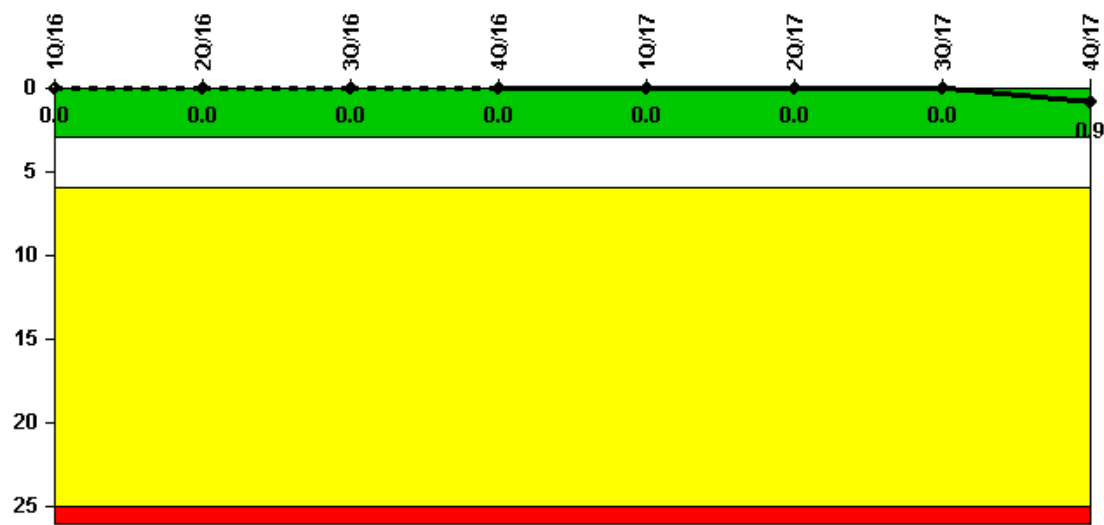
The solid trend line represents the current reporting period.

Licensee's General Comments: none

On this page:

- [Unplanned Scrams \(IE01\)](#)
- [Unplanned Power Changes per 7000 Critical Hours \(IE03\)](#)
- [Unplanned Scrams with Complications \(IE04\)](#)
- [Safety System Functional Failures \(MS05\)](#)
- [Emergency AC Power Systems \(MS06\)](#)
- [High Pressure Injection Systems \(MS07\)](#)
- [Heat Removal Systems \(MS08\)](#)
- [Residual Heat Removal Systems \(MS09\)](#)
- [Cooling Water Systems \(MS10\)](#)
- [Reactor Coolant System Activity \(BI01\)](#)
- [Reactor Coolant System Leakage \(BI02\)](#)
- [Drill/Exercise Performance \(EP01\)](#)
- [Emergency Response Organization Drill Participation \(EP02\)](#)
- [Alert and Notification System Reliability \(EP03\)](#)
- [Occupational Exposure Control Effectiveness \(OR01\)](#)
- [RETS/OCDEU Radiological Effluent Occurrence \(PR01\)](#)
- [Protected Area Equipment \(PP01\)](#)

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

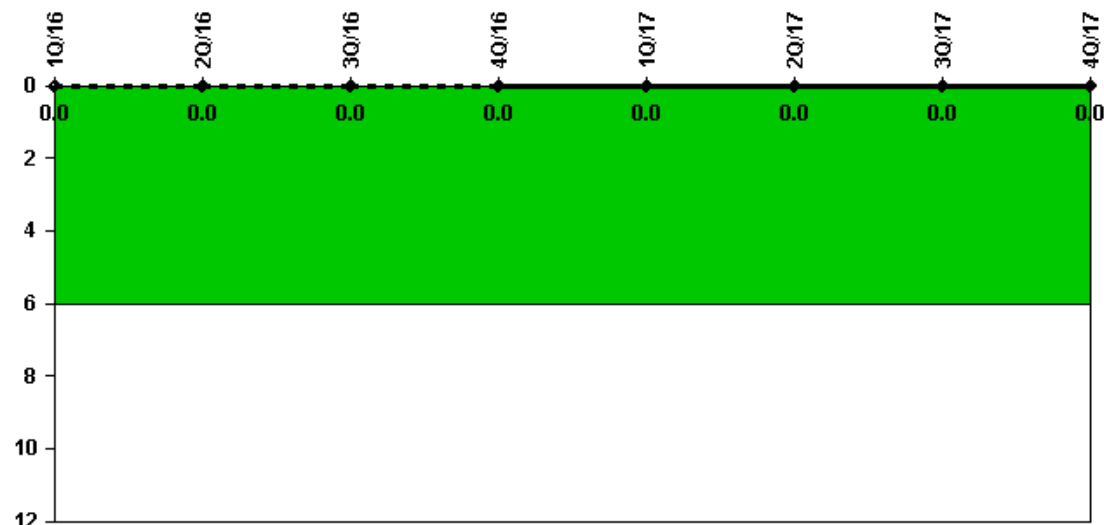
Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Unplanned scrams	0	0	0	0	0	0	0	1.0
Critical hours	2183.0	2184.0	2208.0	2034.5	1395.9	2184.0	2208.0	2145.7
Indicator value	0	0	0	0	0	0	0	0.9

TOP

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

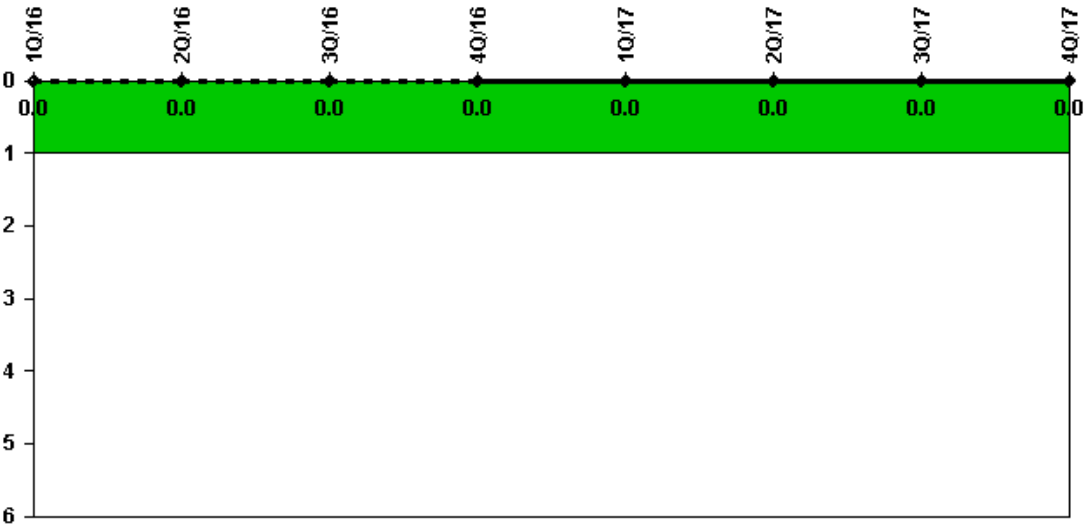
Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2183.0	2184.0	2208.0	2034.5	1395.9	2184.0	2208.0	2145.7
Indicator value	0	0	0	0	0	0	0	0

TOP

Licensee Comments: none

Unplanned Scrams with Complications



Thresholds: White > 1.0

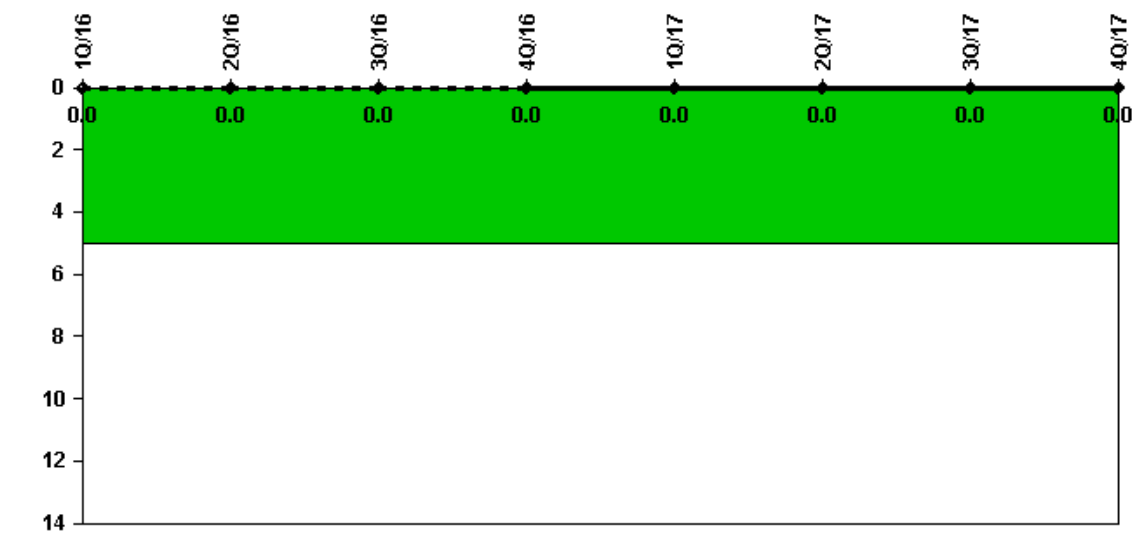
Notes

Unplanned Scrams with Complications	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
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

TOP

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

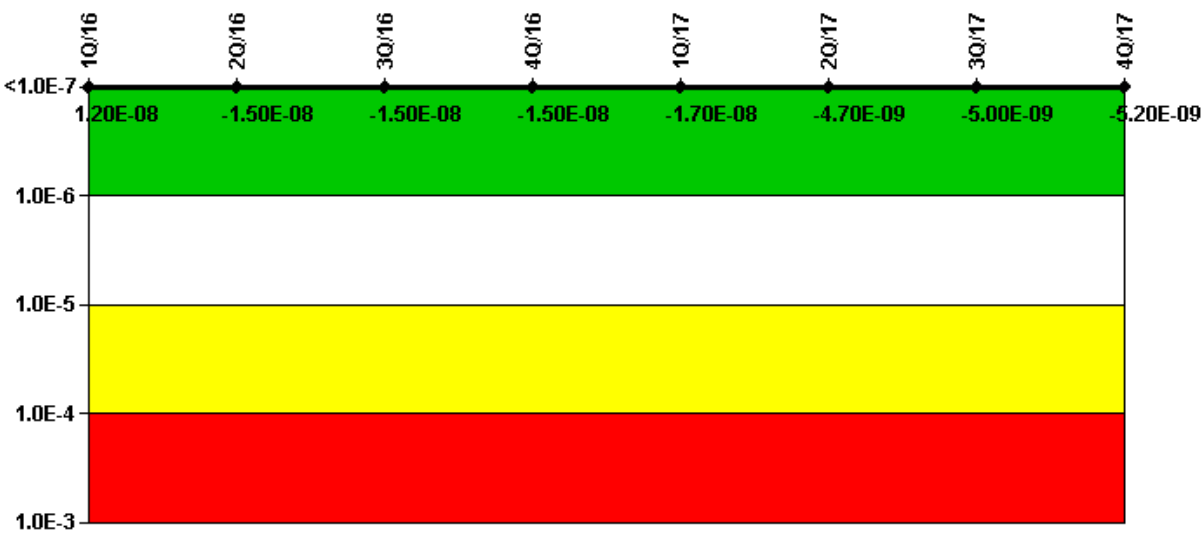
Safety System Functional Failures (PWR)	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Safety System Functional Failures	0	0	0	0	0	0	0	0

Indicator value	0	0	0	0	0	0	0	0

TOP

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



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

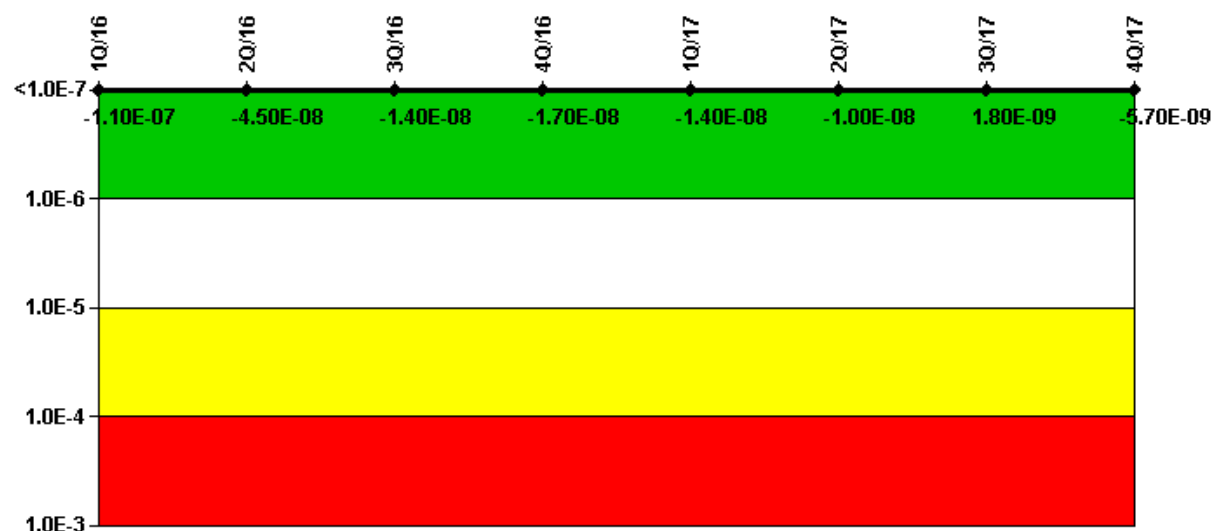
Notes**Mitigating Systems Performance Index, Emergency****AC Power System**

	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
UAI (ΔCDF)	3.02E-08	1.52E-08	1.50E-08	1.50E-08	1.26E-08	2.54E-08	2.51E-08	2.49E-08
URI (ΔCDF)	-1.84E-08	-3.01E-08	-3.01E-08	-3.01E-08	-3.01E-08	-3.01E-08	-3.01E-08	-3.01E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.20E-08	-1.50E-08	-1.50E-08	-1.50E-08	-1.70E-08	-4.70E-09	-5.00E-09	-5.20E-09

 TOP

Licensee Comments:

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model

Mitigating Systems Performance Index, High Pressure Injection System

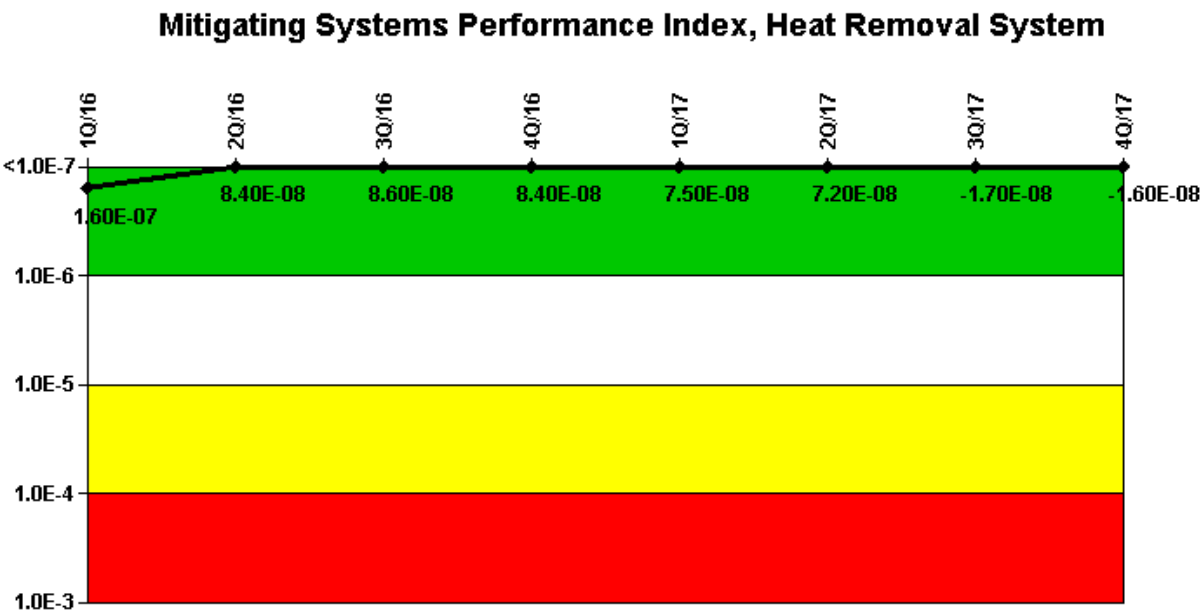
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes**Mitigating Systems Performance Index, High Pressure Injection System**

	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
UAI (ΔCDF)	1.70E-07	5.41E-08	8.44E-08	8.23E-08	8.53E-08	8.86E-08	1.01E-07	9.31E-08
URI (ΔCDF)	-2.84E-07	-9.88E-08	-9.88E-08	-9.88E-08	-9.88E-08	-9.88E-08	-9.88E-08	-9.88E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.10E-07	-4.50E-08	-1.40E-08	-1.70E-08	-1.40E-08	-1.00E-08	1.80E-09	-5.70E-09

 TOP

Licensee Comments:
2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model



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

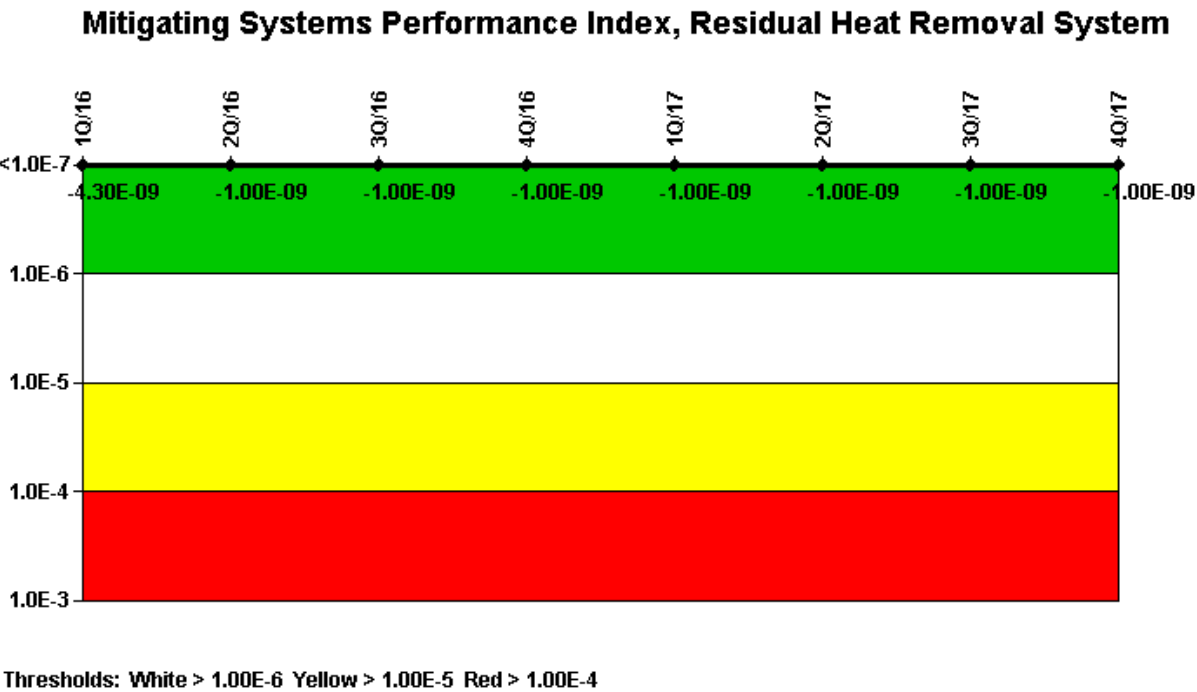
Notes

Mitigating Systems Performance Index, Heat Removal System

	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
UAI (ΔCDF)	9.82E-09	1.35E-08	1.53E-08	1.53E-08	1.53E-08	1.29E-08	5.84E-09	6.99E-09
URI (ΔCDF)	1.46E-07	7.10E-08	7.10E-08	6.89E-08	5.95E-08	5.95E-08	-2.29E-08	-2.31E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.60E-07	8.40E-08	8.60E-08	8.40E-08	7.50E-08	7.20E-08	-1.70E-08	-1.60E-08

TOP

Licensee Comments:
3Q/16: MSPI URI recalculated due to revised ICES records 314625 and 316104. (AR 2162606)
2Q/16: PRA coefficients and CDF were changed due to updated PRA modelMSPI URI recalculated due to revised ICES records 314625 and 316104. (AR 2162606)
2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model
1Q/16: MSPI URI recalculated due to revised ICES records 314625 and 316104. (AR 2162606)



Notes

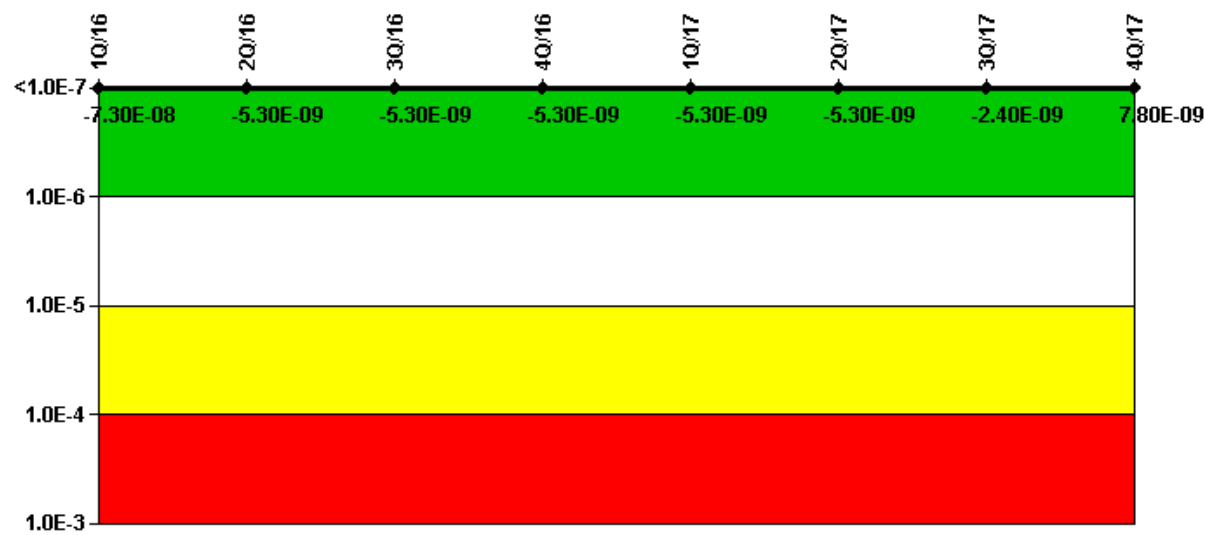
Mitigating Systems Performance Index, Residual Heat Removal System

	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
UAI (ΔCDF)	-1.03E-09	-1.10E-10	-1.10E-10	-1.10E-10	-1.10E-10	-1.10E-10	-1.10E-10	-1.10E-10
URI (ΔCDF)	-3.25E-09	-9.36E-10	-9.36E-10	-9.36E-10	-9.36E-10	-9.36E-10	-9.36E-10	-9.36E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.30E-09	-1.00E-09	-1.00E-09	-1.00E-09	-1.00E-09	-1.00E-09	-1.00E-09	-1.00E-09

TOP

Licensee Comments:
2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model

Mitigating Systems Performance Index, Cooling Water Systems



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

Notes

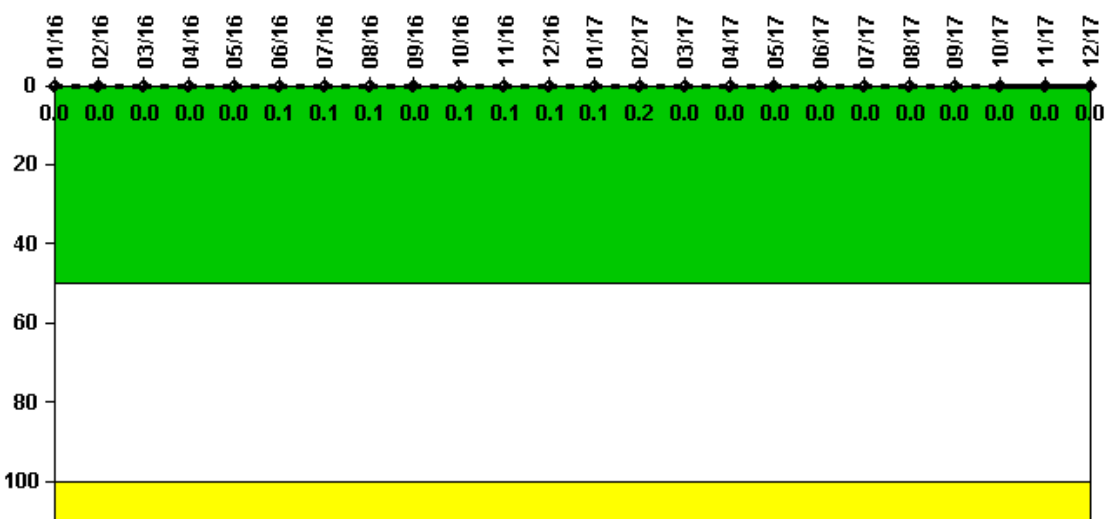
Mitigating Systems Performance Index, Cooling Water Systems

	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
UAI (ΔCDF)	-6.45E-08	-4.33E-09	-4.33E-09	-4.33E-09	-4.33E-09	-4.34E-09	-1.41E-09	8.79E-09
URI (ΔCDF)	-8.83E-09	-9.63E-10	-9.63E-10	-9.63E-10	-9.63E-10	-9.63E-10	-9.63E-10	-9.63E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-7.30E-08	-5.30E-09	-5.30E-09	-5.30E-09	-5.30E-09	-5.30E-09	-2.40E-09	7.80E-09

TOP

Licensee Comments:

2Q/16: Changed PRA Parameter(s). PRA coefficients and CDF were changed due to updated PRA model



Thresholds: White > 50.0 Yellow > 100.0

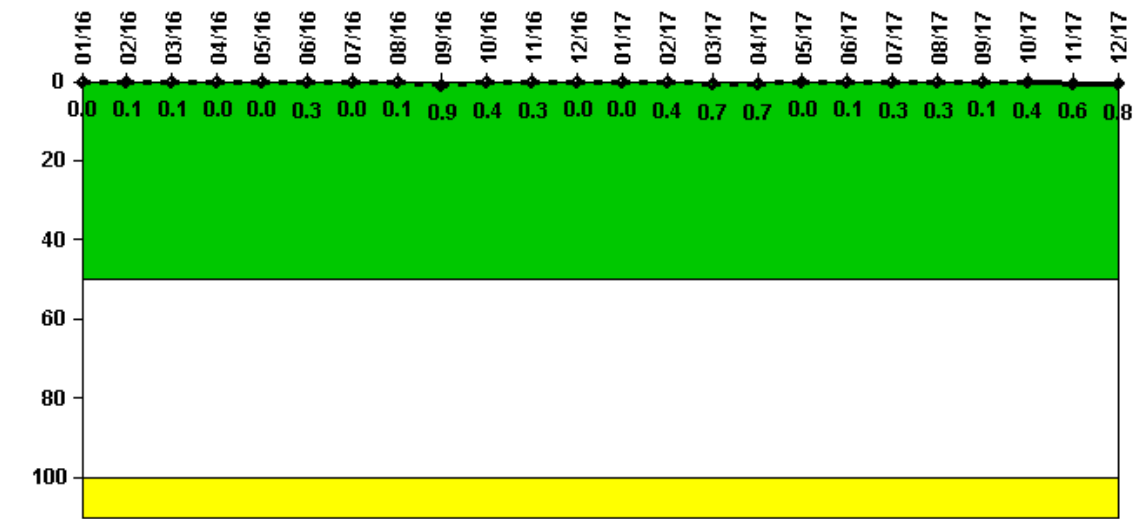
Notes

[illegible]

 TOP

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

Notes

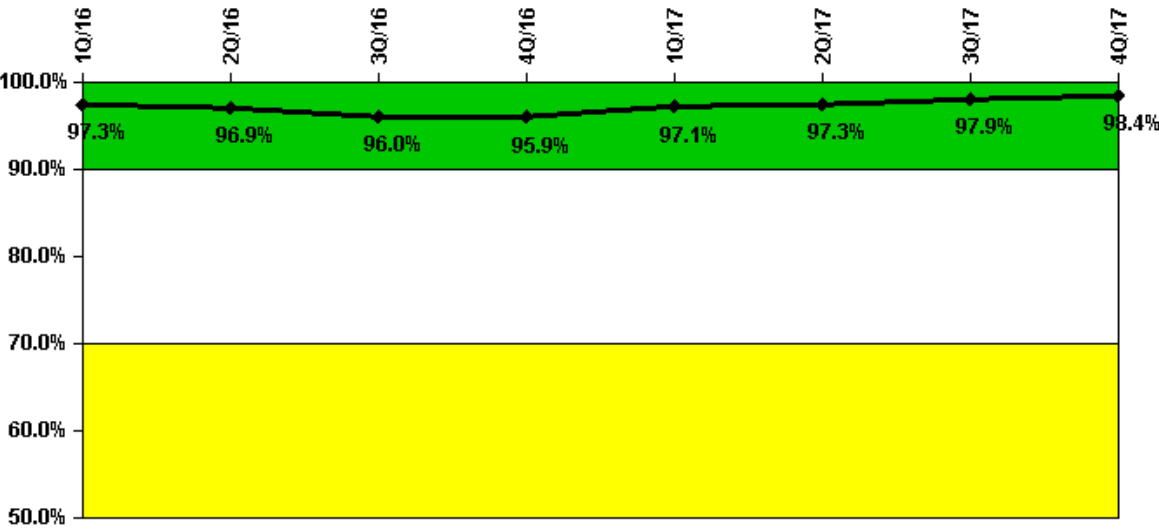
Reactor Coolant System Leakage	1/16	2/16	3/16	4/16	5/16	6/16	7/16	8/16	9/16	10/16	11/16	12/16
Maximum leakage	0.003	0.005	0.005	0	0	0.030	0.004	0.010	0.089	0.042	0.030	0.003
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0.1	0.1	0	0	0.3	0	0.1	0.9	0.4	0.3	0

Reactor Coolant System Leakage	1/17	2/17	3/17	4/17	5/17	6/17	7/17	8/17	9/17	10/17	11/17	12/17
Maximum leakage	0	0.044	0.074	0.074	0	0.009	0.028	0.032	0.010	0.042	0.060	0.077
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0.4	0.7	0.7	0	0.1	0.3	0.3	0.1	0.4	0.6	0.8

TOP

Licensee Comments:
3/16: February data corrected from 0.058 to 0.005

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

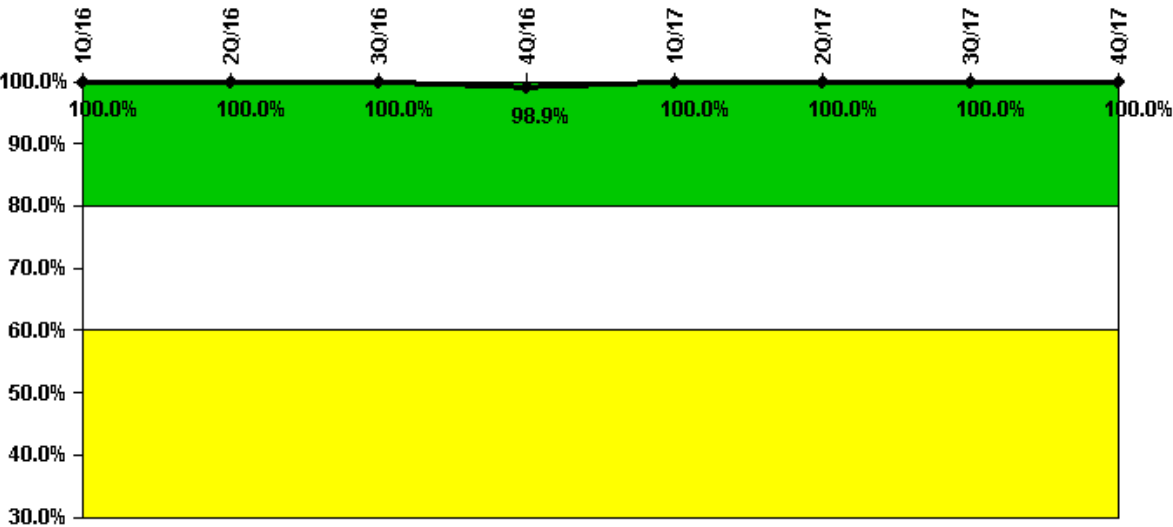
Drill/Exercise Performance	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Successful opportunities	17.0	17.0	25.0	24.0	44.0	46.0	36.0	33.0
Total opportunities	18.0	17.0	27.0	24.0	44.0	46.0	37.0	33.0

Indicator value 97.3% 96.9% 96.0% 95.9% 97.1% 97.3% 97.9% 98.4%

TOP

Licensee Comments: none

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

Notes

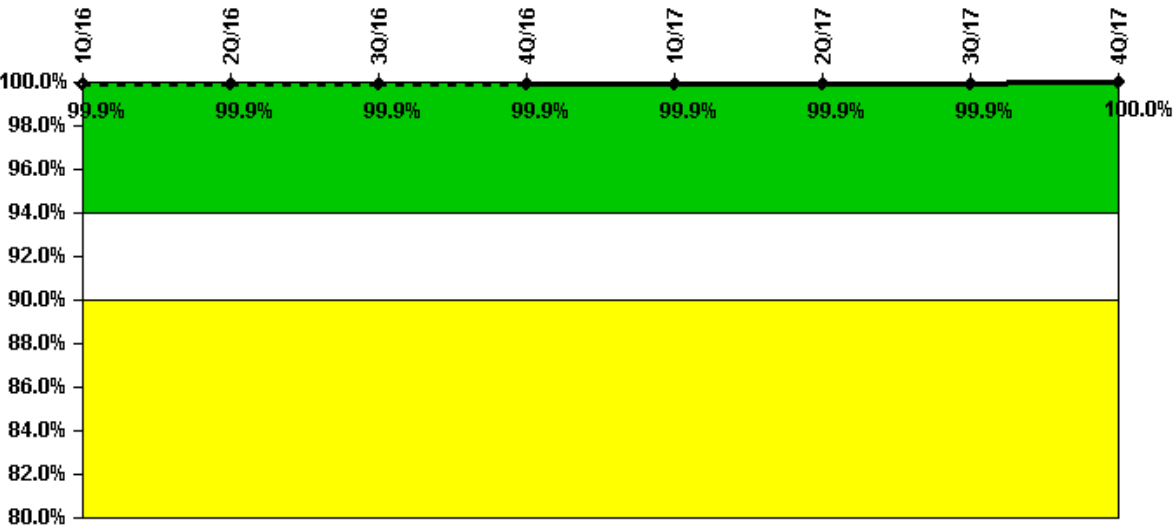
ERO Drill Participation	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Participating Key personnel	83.0	83.0	79.0	86.0	86.0	84.0	76.0	76.0
Total Key personnel	83.0	83.0	79.0	87.0	86.0	84.0	76.0	76.0

Indicator value 100.0% 100.0% 100.0% 98.9% 100.0% 100.0% 100.0% 100.0%

TOP

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

Notes

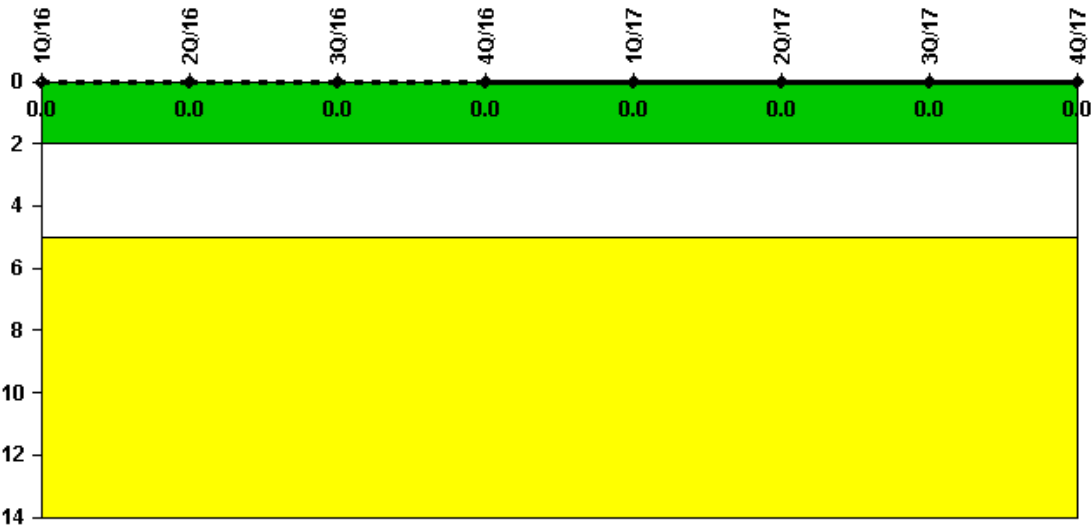
Alert & Notification System	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Successful siren-tests	630	629	720	629	629	720	540	720
Total sirens-tests	630	630	720	630	630	720	540	720

Indicator value 99.9% 99.9% 99.9% 99.9% 99.9% 99.9% 99.9% 100.0%

TOP

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

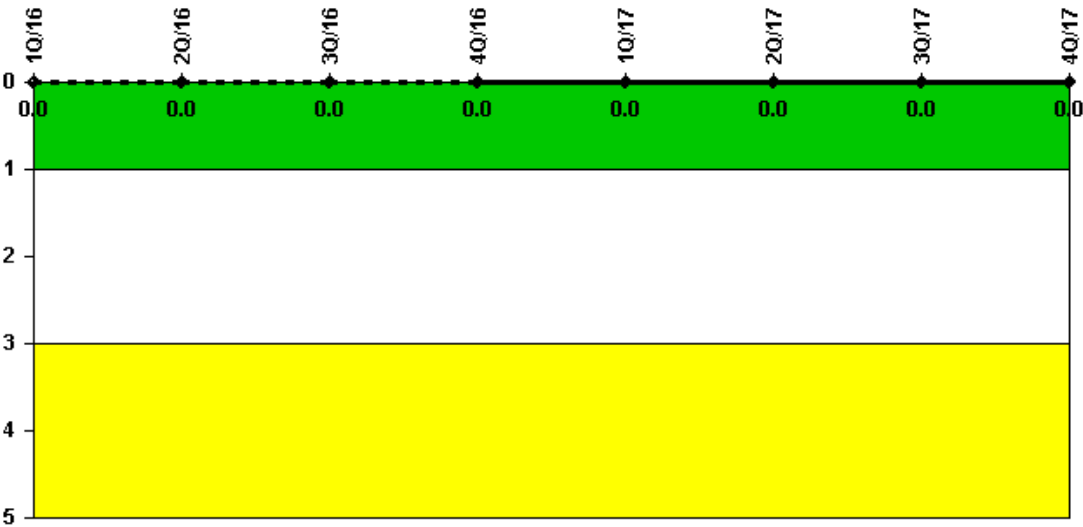
Notes

Occupational Exposure Control Effectiveness	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
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

TOP

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent1Q/162Q/163Q/164Q/161Q/172Q/173Q/174Q/17

RETS/ODCM occurrences000000000

Indicator value00000000

TOP

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.

Current data as of: February 1, 2018

Page Last Reviewed/Updated Monday, November 06, 2017